
VHF Communications Complete Index 1969 - 2010

Topic		1.5 cm Band	
Edition	Title	Author	Pages
1980/3	Waveguide for the 24 GHz Band	E Schaefer, DL3ER	146 - 147
1980/3	Home-Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	139 - 145
1981/1	Coaxial SHF Connectors Constructed from Bicycle Tire Valves	E Schaefer, DL3ER	36 - 37
1981/2	Chokes for Contactless Tuning of Waveguide Modules	E Schaefer, DL3ER	105 - 107
1981/4	A Wavemeter for the Frequency Range 23.5 to 24.5 GHz	E Schaefer, DL3ER	235 -238
1981/4	Line-of-Sight Microwave Communications	H Schlager, OE3HSC	239 - 243
1982/1	A Gunn Oscillator for the 24 GHz Band	Rolf Heidemann, DC3OS	35 - 37
1982/2	A Straight-Through Mixer for 24 GHz	Sepp Reithofer, DL6MH	99 - 105
1982/3	A Gunn Oscillator, Detector and Mixer for 24 GHz	Erwin Schaefer, DL3ER	150 - 154
1982/4	A Straight-Through Mixer for 24 GHz	Josef Fehrenbach, DJ7FJ	214 - 218
1982/4	A Spectrum Generator for the 24 GHz Band	Erwin Schaefer, DL3ER	219 - 222
1983/2	Designation of the Microwave Bands and Waveguide Specifications	Editors	122 - 123
1983/4	A 30 MHz FM Receiver for SHF Receive Systems	Werner Hanschke, DC0RZ	204 - 209
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
1994/2	Dual Band Exciter for 10 GHz and 24 GHz	Josef Fehrenbach, DJ7FJ	111 - 116
1995/3	200 mW GaAsFET Amplifier for 24 GHz	Michael Kuhne	130 - 146
1995/3	200 mW GaAsFET Amplifier for 24 GHz	Michael Kuhne, DB6NT	147 - 152
2005/1	Franco's finest. Inexpensive 12 to 24GHz doubler described by F6CXO	Gerard Galve, F6CXO	61 - 63

Topic**10 m Band**

Edition	Title	Author	Pages
1970/1	An IF Diplexer (28 - 30 MHz)	E Reitz, DJ9JT	56 - 57
1970/2	FET's in the 28/144 MHz Transverter DJ6ZZ 001	F Weingartner, DJ6ZZ	103 - 104
1971/2	A 28 MHz - 432 MHz Transmit Converter with FET mixer	F Weingartner, DJ6ZZ	99 - 106
1972/3	Diplex Amplifier for 28 - 30 MHz	G Ruhr, OH2KT/DL7IM	171 - 173
1980/2	A 29 MHz Transverter for use with 145 MHz Tranceivers	J Kestler, DK1OF	88 - 95
1991/3	Universal Transverter Concept for 28, 50 & 144 MHz	Wilhelm Schuerings, DK4TJ	175 - 187
1993/4	28/144 MHz Transverter	Wolfgang Schneider, DJ8ES	221 - 226
1995/2	A 28 / 50 MHz Transverter	Wolfgang Schneider, DJ8ES	107 - 111

Edition	Title	Author	Pages
1971/3	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	172 - 176
1974/4	2160 MHz Local Oscillator for 13 cm Converters	K Hupfer, DJ1EE	246 - 247
1974/4	A Stripline Converter for the 13 cm Band	K Hupfer, DJ1EE	238 -245
1975/2	An SHF Wavemwter	K Hupfer, DJ1EE	90 - 92
1975/3	A Receive Converter for the 13 cm Band	A Schiidlich, DL2AS	161 - 167
1975/4	A Collinear Antenna for the 13 cm Band	K Hupfer, DJ1EE	236 - 238
1976/4	A Converter for the 13 cm Band Part 2: The Local Oscillator Module	J Dahms, DC0DA	202 - 206
1976/4	Interdigital Filters for the 24 cm and 13 cm Band	R Griek, DK2VF	215 - 220
1976/4	A Converter for the 13 cm Band Equipped with Two Preamplifier Stages and An Active Mixer	J Dahms, DC0DA	194 - 201
1976/4	Mixer and Preamplifier Noise at SHF	D Vollhardt, DL3NQ	234 - 242
1978/1	Narrow Band Filter for the 23 cm, 13 cm and 9 cm Band	D Vollhardt, DL3NQ	2 - 11
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22
1978/3	Interdigital Converters for the GHz Amateur Bands	J Dahms, DC0DA	154 - 168
1979/1	A Transmit Mixer and Linear Amplifier for the 13 cm Band Equipped with a 2C39 Tube	H J Senckel, DF5OZ	27 - 33
1979/2	SSB Transmit Mixer for the SHF Bands Part 1: 13 cm Band	R Heidemann, DC3OS	86 - 96
1979/2	An SSB Transmitter for the 13 cm Band Using Envelope Elimination and Restoration	R V Galle, VK5OR	76 - 84
1979/2	Interdigital Converters as Transmit Mixers	U Mallwitz, DK3UC	85
1979/3	A Frequency Doubler for the 13 cm Band with 6 W	O Frosinn, DF7OF	141 - 143
1980/1	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 cm to 12 cm	J Grimm, DJ6PI	2 - 13
1981/3	An Extremely Low Noise 96 MHz Oscillator for UHF/SHF Applications, Part 1	B Neubig, DK1AG	135 - 143
1981/3	Coupler Microstriplines as Filter	F Schmehr, DC8EC	144 - 147
1981/4	A Linear 1 W Power Amplifier for 2400 MHz	R Heidemann, DC3OS	204 - 206
1981/4	An Extremely Low Noise 96 MHz Oscillator for UHF/SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1982/3	Bias Voltage for Tubes 2C39/3CX100	Jan M Noeding, LA8AK	148 - 149
1983/3	A 13 cm Fully Transistorised Transverter	H J Senckel, DF5OZ	171 - 181
1983/4	A Linear Transmit Converter for the 13 cm Band	Gerhard Schmitt, DJ5AP	218 - 224

Topic **13 cm Band**

Edition	Title	Author	Pages
1985/1	A 2.3 GHz Prescaler	Manfred Mulbacher, DB9SB	55 - 63
1985/2	Loop Yagi Antenna Design for 13 cm	Josef Grimm, DJ6PI	72 - 78
1986/1	Coaxial Power Amplifier for the 13 cm Band Using Tube TH9885	Klaus-Dieter Brocker, DK1UV	23 - 30
1986/2	Microstrip Transverter for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	96 - 107
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/3	Microstrip Transverter for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	143 - 164
1987/3	More about the 2.3 GHz Divide-by-100 Prescaler	Manfred Mulbacher, DB9SB	167
1988/1	ATV FM Driver for the 13 cm Band	Hubertus Rathke, DC1OP	39 - 49
1989/1	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	39 - 45
1990/1	41 Element Yagi for the 13 cm Band	Philipp Prinz, DL2AM	40 - 43
1994/3	A 13 cm GaAsFET Power Amplifier Developed using "PUFF" CAD Software Package	Harald Fleckner, DC8UG	130 - 141
1995/4	A 10 W Power Amplifier for the 13 cm Band using GaAs Technology. Developed with the help of "PUFF"	Harald Fleckner, DC8UG	217 - 228
1996/3	13 cm PSK Transceiver for 1.2 Mbit/s Packet Radio Part 1	Matjaz Vidmar, S53MV	130 - 147
1996/4	13 cm PSK Transceiver for 1.2 Mbit/s Packet Radio Part 2	Matjaz Vidmar, S53MV	194 - 205
1997/1	Pre Mixer for 23 and 13 cm	Walter Zwickel, OE2TZL	20 - 29
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2010/2	TriHelix or Dish for PE3 at 2.4GHz. Simulation and measurements	Paolo Antoniazzi, IW2ACD	94 - 107

Edition	Title	Author	Pages
1969/1	A 2 Metre Converter With Field Effect Transistors	W v Schimmelmann, DL6SW	2 - 10
1969/1	144 MHz / 432 MHz Transverter for Low Power and Field Day Applications	L Wagner, DL9JU	31 - 35
1969/1	A 144 MHz Adapter for use with a 10 Metre SSB Transceiver	E Krahe, DL9GU	54 - 61
1969/2	A Modern Concept for Portable 2 Metre Receivers	E Schmitzer, DJ4BG	115 - 122
1969/2	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	96 - 97
1969/2	A 5 Watt Transistorised SSB Transmitter for 145 MHz	K P Timmann, DJ9ZR	73 - 82
1969/2	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	65 - 72
1969/3	The 2 Metre Transmitter UTS5 with 2 Watts Mean Output at an Operating Voltage of 12 v	E Flugel, DJ1NB	179 - 187
1969/3	A 145 MHz / 9 MHz Receive Converter Using Printed Inductances	K P Timmann, DJ9ZR	129 - 135
1969/4	Automatic Search Oscillator for Two Metre Converter	H Wilhelm, DL8AT	215 - 217
1969/4	A 28 MHz / 144 MHz Transistorised Transverter	F Weigartner, DJ6ZZ	189 - 195
1969/4	A Bandpass Filter for 145 MHz	K Maiwald, DJ4FH	205 - 208
1969/4	A Balloon Carried Translator	K Meinzer, DJ4ZC	236 - 241
1970/1	The 144 MHz Converter with Dual Gate MOSFET Mixer	G Laufs, DL6HA	1 - 11
1970/1	Simple Compact PA Stages for Two Meters Part 1	D Grossmann, DJ4RX	45 - 55
1970/1	A Transistorised Calibration Spectrum Generator for Two Meters	H Gotting, DL3XW	41 - 44
1970/1	Modification of the DJ9ZR 001 5 W SSB Transmitter	H U Beitz, DJ8XR	40
1970/2	FETs in the 28/144 MHz Transverter DJ6ZZ 001	F Weingartner, DJ6ZZ	103 - 104
1970/2	Simple Compact PA Stages for Two Meters Part 2	D Grossmann, DJ4RX	111 - 122
1970/3	Coaxial Low Pass Filters for VHF and UHF	H J Dohlus, DJ3OC	166 - 178
1970/3	A Universal VHF - UHF Transmitter for AM and FM. Second Concluding Part	R E Lentz, DL3WR	153 - 159
1970/3	A SSB Transceiver with Silicon Transistors Part 3	G Laufs, DL6HA	129 - 146
1970/4	PCB for the Two Crystal Oscillators of the 144 MHz-14 MHz MOSFET Converter used in DL6HA Transceiver	H Kahlert, DL3YKR	201 - 204
1970/4	A SSB Transceiver with Silicon Transistors Part 4	G Laufs, DL6HA	193 - 200
1970/4	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	240 - 243
1970/4	Two Circuits for Automatic Band Scanning, Part 1: A Simple Band Scanner	E G Hoffschildt, DL9FX	245 - 248

Edition	Title	Author	Pages
1971/1	A Synthesis VFO for 144 - 146 MHz or 135 - 137 MHz	G Bergmann, DJ7JX	44 - 55
1971/1	Variable Frequency Operation on 2 Meters Using the VFO of a Shortwave Transmitter	F Boersch, DK1YZ	30 - 32
1971/1	An Inexpensive Power Amplifier Module for 200 W PEP on 144 MHz Using two PL504 Tubes	V Thun, DJ7ZV	14 - 29
1971/1	Two Circuits for Automatic Band Scanning, Part 2 : Scanner with Stop Device and Frequency Display	E G Hoffschmidt, DL9FX	56 - 61
1971/2	A Modular Receiver System	D E Schmitzer, DJ4BG	110 - 114
1971/2	Simple Stripline Reflectometers for 144 and 432 MHz	R Griek, DK2VF	89 - 92
1971/2	A Quadruple Quad Antenna - An Efficient Portable Antenna for 2 Meters	M Ragaller, DL6DW	82 - 84
1971/2	A 2 m Walky Talky	H Werner, DC9MD	66 - 81
1971/3	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gswindt, HA8WH	145 - 149
1971/3	A Transistorised Power Amplifier for Two Meters, Using the 2N3632	H J Brandt, DJ1ZB	177 - 189
1971/4	Frequency Multiplication with High Spurious Signal Rejection	D E Schmitzer, DJ4BG	248 - 250
1971/4	A Transistorised Power Amplifier for 2 m Using the 2N3632 - Concluding Second Part	H J Brandt, DJ1ZB	235 - 247
1971/4	Notes and Improvements to the DC9MD Mini Walky Talky	Editors	205 - 206
1972/1	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment - Part 1 : Circuit Description	G Otto, DC6HL	2 - 15
1972/1	Modifying a 27 MHz Walky Talky to 2 m	E Ritter, DJ4OG	26 - 33
1972/1	Transistorised Linear Amplifier for 2 Meters	E Berberich, DL8ZX	46 - 54
1972/2	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment, Part 2 : Construction and Alignment	G Otto, DC6HL	66 - 79
1972/2	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment, Part 2 : Photo of DC6HL 001	G Otto, DC6HL	96 - 97
1972/4	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment, Part 2 : Corrections and Improvements	Editors	207
1973/1	A Modular Six Channel FM Receiver	D E Schmitzer, DJ4BG	33 - 36
1973/1	Automatic 10 Channel Scanner for FM Stations	U Tillmann, DJ5UO	37 - 45
1973/2	A Miniature AM/CW/FM Transmitter for 144 MHz	B Dietrich, DJ8PG	123 - 125
1973/2	A 144 MHz Linear Amplifier with 25 W Output at 12 V to 14 V	G Otto, DC6HL	81 - 90
1973/3	FM Transceiver with Multichannel Synthesiser Part 1: 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	130 - 145

Edition	Title	Author	Pages
1973/4	Mini MOSFET Converter for 2 Meters	B Lijbbe, DJ5XA	234 - 239
1973/4	9 MHz FM Exciter Matching the 80 Channel Synthesiser	J Kestler, DK1OF	194 - 202
1974/2	A Programmable Fox Hunt DF Receiver for 2 Meters	G Hoffschmidt, DL9FX	66 - 81
1974/3	2 m Converter with Extremely High Selectivity	H Sutterlin, DL1LS	168 - 173
1974/3	A 400 Channel Synthesiser for 2 m	J Kestler, DK1OF	130 - 141
1974/4	Receive Converter 144 MHz / 9 MHz with Schottky Diode Ring Mixer	J Kestler, DK1OF	204 - 214
1975/1	Using the Phase Locked Oscillator for Repaeter/Duplex with frequency spacing 1.6 MHz or 0.6 MHz	H Hanserl, OE5AN	40 - 41
1975/4	A Miniature Receiver for the 2 m Band	G Ruhr, OH2KT	239 - 243
1975/4	A Transmit Converter for 144 MHz with Schottky Ring Mixer	F Weingartner, DJ6ZZ	194 - 199
1975/4	A Simple Bandpass Filter for the 2 m Band	H J Brandt, DJ1ZB	244 - 249
1976/1	SALZBURG 1 - A Fox Hunt Receiver for the 2 m Band	P Goschlberger, OE2JG	2 - 12
1976/1	FM Hand Held Transceiver for the 2 m Band	R Tellert, DC3NT	24 - 32
1976/2	Concept of a Combined SSB Station for both 2 m and 70 cm	A Wurzinger, DJ4BH	116 - 117
1976/2	FM Hand Held Transceiver for the 2 m Band, Part 2: Construction and Alignment	R Tellert, DC3NT	100 - 115
1977/1	Interesting Linear Integrating Circuits	D E Schmitzer, DJ4BG	44 - 51
1977/1	A Power Amplifier for the Two Meter Band Using the Tube QQE06-40	H J Dierking, DJ6CA	30 - 36
1977/3	Selective Frequency Multipliers	H J Brandt, DJ1ZB	143 - 151
1977/3	The AFC Loop - A Simple Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschmidt, DL9FX	184 - 188
1978/1	A New Type of Preamplifier for 145 MHz and 435 MHz Receivers	M Martin, DJ7VY	30 - 36
1978/1	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	37 - 41
1978/2	A 400 W Power Amplifier for 145 MHz Equipped with the 4CX250	J Kestler, DK1OF	100 - 113
1978/3	Synthesiser for the 2 m Band in C-MOS Technology	G Heeke, DC1QW	130 - 144
1978/4	SUEDWIND - A 2 m FM Hand Held Transceiver with 80 Or 396 Channel Synthesiser and Touch Key Operation	J Becker, DJ8IL	194 -212
1978/4	A Modern Receive Converter for 2 m Receivers Having a Large Dynamic Range and Low Intermodulation	M Martin, DJ7VY	218 - 229
1978/4	A DF Receiver for the 2 m Band Equipped with Integrated Circuits, Crystal Filter and S Meter	M Schmausser, DL2DO	213 - 217

Edition	Title	Author	Pages
1979/1	SUEDWIND - A 2 m FM Hand Held Transceiver with 80 Or 396 Channel Synthesiser and Touch Key Operation	J Becker, DJ8IL	2 - 16
1979/1	An FM Transceiver for the 2 m Band Part 1 : The Receiver	J Kestier, DK1OF	44 - 53
1979/2	An FM Transceiver for the 2 m Band Part 2 : The Transmitter	J Kestier, DK1OF	103 - 113
1979/2	SUEDWIND - For Mobile and DF Applications	J Becker, DJ8IL	114 - 116
1979/3	A 20 W Power Amplifier with Integrated PA Module for FM Transceivers on the 2 m Band	J Becker, DJ8IL	162 - 169
1979/4	Single Stage 15 W Linear Amplifier for the 2 m Band	M Ulbricht, DB2GM	216 - 222
1980/4	A Home-Made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Material	H C Als, DC4IQ	226 - 229
1980/4	An Up Converter for Extending the Frequency Range of Signal Generators	J M Noeding, LA8AK	215 - 216
1980/4	A Simple Two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	230 - 231
1981/2	Low Noise VHF Oscillator with Diode Tuning, Digital Frequency Control and Frequency Indicator	M Martin, DJ7VY	66 - 82
1981/3	Close In DF Receiver for the 144 MHz Band	H W Storbeck, DL2DE	148 - 151
1981/3	A Compact 144/28 MHz Transverter with Low Noise Preamplifier, Schottky Ring Mixer and Clean Signal	R Albert, DK8DD	182 - 188
1981/4	A Versatile IF Module Suitable for 2 m Receivers, or as an IF Module for the SHF Bands	F Krug, DJ3RV	244 - 250
1982/1	Dynamic Range of 2 m Transceivers, Part 2 : Modifications to the TS700	L Asbrink, SM5BSZ	56 - 58
1982/1	Dynamic Range of 2 m Transceivers	L Asbrink, SM5BSZ	49 - 55
1982/2	Dynamic Range of 2 m Transceivers, Part 3 : Modifications to the IC211 and IC245	L Asbrink, SM5BSZ	106 - 109
1982/2	Using the Dual Gate GaAsFET S3030 in a Low Noise Preamplifier for 144 MHz	Editors	77 - 80
1982/2	A VXO Local Oscillator for 144 MHz Transceivers	K Schoepf, DB3TB	84 - 88
1982/3	Dynamic Range of 2 m Transceivers, Part 4 : Modifications to the FT221	L Asbrink, SM5BSZ	158 - 162
1983/1	A VFO with Frequency Locked Loop	Dr M Wieser, OE7WMI	32 - 41
1983/1	A Mini SSB Transceiver for 144 MHz Part 1	G Otto, DC6HL	26 - 31
1983/2	A Mini SSB Transceiver for 144 MHz Part 2	G Otto, DC6HL	93 - 100
1983/3	V-MOS Transistors in Power Amplifiers for 144 MHz	H Braubach, DL1GBH	130 - 140
1983/3	Input Filters for Receive Applications in the 144 MHz Range	Istvan Szabo, HA5KVF	141 -147

Edition	Title	Author	Pages
1983/3	A 2 m/70 cm SSB Transmitter with High Spurious Rejection, Part 1	G Borchert, DF5FC	163 - 170
1983/3	A Variable Crystal Oscillator (VXO) with a Pulling Range of Approximately 200 KHz at 144 MHz	G Otto, DC6HL	148 - 152
1983/4	Measuring Aids and a Harmonic Filter for the V-MOS Transistor 100 W Power Amplifier for 144 MHz	H Braubach, DL1GBH	247 - 254
1983/4	A 2 m/70 cm SSB Transmitter with High Spurious Rejection, Part 2	G Borchert, DF5FC	235 - 246
1985/2	PLL Oscillators with Delay Lines Part 3 : Oscillator Module for the 2 Meter Band	Joachim Kestler, DK1OF	112 - 120
1985/4	Two Meter Power Amplifier using Valve 4CX1000A	Carsten Vieland, DJ4GC	213 - 226
1985/4	Two Meter Receiver Front End	Joachim Kestler, DK1OF	241 - 251
1986/1	80 Channel Hand Held Transceiver for the 2 m Band	Guenter Prokoph, DL5NP	2 - 12
1986/2	The YUOB Yagi Antenna	Dragoslav Dobrigid, YU1AW	66 - 80
1986/3	Modifying the FT225RD	Carsten Vieland, DJ4GC	135 - 138
1987/3	Improve the Oscillator Circuit in your old 2 m Converter like DL6HA or Similar	Jan-Martin Noeding, LA8AK	152 - 153
1987/4	Converting the TELECAR TS160 into a 2 m 80 Channel Amateur Transceiver	Roland Barchet, DK2LT	194 - 203
1987/4	Low Noise 144 MHz Preamplifier using Helical Tuned Circuits	Dragoslav Dobricic, YU1AW	243 - 252
1988/1	Wideband Power Divider/Combiner for the 2 m and 70 cm Bands	Konrad Hupfer, DJ1EE	2 - 7
1988/1	A 2 m/70 cm Antenna Splitting Filter	Joachim Kestler, DK1OF	26 - 30
1988/3	A Super Power Amplifier for 144 MHz EME	Dragoslav Dobricic, YU1AW	158 - 170
1988/4	A Compact Hybrid Antenna for 2 m, 70 cm, and 23 cm	Hannes Fasching, OE5JFL	212 - 217
1988/4	An Introduction to Moonbounce (EME)	Willi Rass, DF4NW	218 - 232
1988/4	Stabalising the VCO Frequency by Means of Monostables - Part 1	Dr Ralph Opprelt, DB2NP	238 - 245
1989/1	Stabalising the VCO Frequency by Means of Monostables - Part 2	Dr Ralph Opprelt, DB2NP	46 - 56
1990/2	A Magnetic Loop Antenna for 2 Meters	John Winsor, G0JXU	118 - 122
1991/3	Universal Transverter Concept for 28.50 and 144 MHz	Wilhelm Schuerings, DK4TJ	175 - 187
1993/4	28/144 MHz Transverter	Wolfgang Schneider, DJ8ES	221 - 226
1994/1	A Hybrid Power Amplifier for 144 MHz	Wolfgang Schneider, DJ8ES	56 - 61
1995/1	A Bi-Directional Amplifier for 2 m	Carl G Lodstrom, SM6MOM/W6	18 - 21

Topic**2 m Band**

Edition	Title	Author	Pages
1999/3	Another RF Combiner / Splitter	Ron Pyrkey, W9NUP	131 - 135
2000/1	SSB / CW Transceiver For 144 MHz	Wolfgang Schneider, DJ8ES	35 - 58
2000/1	Control of SSB / CW Transceiver (VHF 2M) Fro 144 MHz	Bernd Kaa, DG4RBF	59 - 63
2000/3	Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	156 - 166
2000/4	Low Pass Filter for 2 m and 70 cm - Part 2	Gerhard Schmitt, DJ5AP	232 - 240
2001/2	Supplement to Article on Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	123 - 125
2002/3	FM Receiver For 137 - 141MHz	Miroslav Gola, OK2UGS	130 - 150
2002/4	2-Tone Generator For 145MHz	Wolfgang Schneider, DJ8ES	216 - 227
2003/1	2m direct conversion transceiver	Andre Jamet, F9HX	25 - 29
2003/2	Transatlantic transmission on 144MHz	Dr Volker Grassmann, DF5AI	84 - 89
2003/4	New 144MHz transatlantic beacon	Dr Volker Grassmann, DF5AI	207
2007/2	400W power amplifier for 2m	Konrad Hupfer, DJ1EE	102 - 108
2010/2	Modification of the Philips PRM8060 for amateur use	Jean Claude Beneche, F1AIA	66 - 74

Edition	Title	Author	Pages
1969/1	A Solid State Converter for 24 cm	R Lentz, DL3WR	36 - 53
1970/2	A Universal VHF-UHF Transmitter for AM and FM	R Lentz, DL3WR	87 - 102
1970/3	A Universal VHF-UHF Transmitter for AM and FM. Second Concluding Part	R Lentz, DL3WR	153 - 159
1970/3	70 cm - 23 cm Stripline Varactor Tripler	H J Franke, DK1PN	160 - 165
1970/4	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	240 - 243
1971/3	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	172 - 176
1971/3	A 4 Element Yagi Antenna for 23 cm	H W Binder, DC8XB	132 - 133
1971/3	A 23 cm Converter with Hot Carrier Diode Mixer	L Wagner, DL9JU	134 - 140
1971/3	Interdigital Bandpass Filter for 23 cm	H J Franke, DK1PN	141 - 144
1971/4	Inexpensive Varactor Diodes	Editors	221
1972/2	23 cm Preamplifier with Printed Micro Striplines	K Hupfer, DJ1EE	92 - 95
1972/3	Home-Made Reflectometer for 100 - 1400 MHz	R Griek, DK2VF	164 - 166
1974/2	Precision Reflectometer for 0 to 2300 MHz	H Tiefenthaler, OE5THL	2 - 17
1974/2	Six Element Collinear Antenna with Reflector Plate for the 24 Cm Band Using Stripline Balun	M Munich, DJ1CR	85 - 88
1975/2	An SHF Wavemeter	K Hupfer, DJ1EE	90 - 92
1975/3	A Transmit Mixer and Linear Amplifier for 23 cm Using Four 2C39 Tubes	R Jux, DJ6UT	146 - 160
1976/2	A Relatively Simple Linear Transmit Converter from 144 MHz to 1296 MHz	W Rahe, DC8NR	66 - 79
1976/2	Receive Converter with Schottky Diode Mixer for 24 cm	B Lubbe, DJ5XA	80 - 89
1976/4	A Power Amplifier for the 23 cm Band Equipped with the 2C39 Tube	Editors	222 - 231
1976/4	Interdigital Filters for the 24 cm and 13 cm Band	R Griek, DK2VF	215 - 220
1977/2	An Absorption Wavemeter for 70 to 1350 MHz	J Dahms, DC0DA	90 - 97
1977/2	Home-Made Finger Stock	J Nilsson, SM6FHI	85 - 89
1977/4	Three Stage Preamplifier for the 23 cm Band	J Dahms, DC0DA	221 - 228
1977/4	A Linear Transverter for 28 MHz - 1296 MHz with Push Pull Mixer	U Beckmann, DF8QK	212 - 220
1978/1	Narrow Band Filters for the 23 cm, 13 cm and 9 cm Band	D Vollhardt, DL3NQ	2 - 11
1978/1	Loop Yagi Antennas	R Lentz, DL3WR	23 - 29
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22

Topic **23 cm Band**

Edition	Title	Author	Pages
1978/1	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation - Part 1	H Fleckner, DG8UG	12 - 17
1978/2	Local Oscillator for 1268 MHz	U Beckmann, DF8QK	125 -126
1978/2	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation - Part 2	H Fleckner, DG8UG	66 - 81
1978/3	Interdigital Converters for the GHz Amateur Bands	J Dahms, DC0DA	154 - 168
1978/3	An Inexpensive Power Amplifier for 24 cm Using 2C39	U Mallwitz, DK3UC	175 - 185
1978/4	Linear Transmit Converter	U Beckmann, DF8QK	241 - 243
1979/1	A Transistorised Linear Amplifier for the 23 cm Band	J Dahms, DC0DA	17 - 26
1979/2	Technology and Frequency Plan for Repeater in the 23 cm Band	T Morznick, DD0QT	97 - 102
1979/4	Big Wheel - An Omnidirectional Antenna for the 23 cm Band	T Morznick, DD0QT	203 - 207
1980/1	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 cm to 12 cm	J Grimm, DJ6PI	2 - 13
1980/4	A Home-Made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Material	H C Als, DC4IQ	226 - 229
1981/1	ATV Transmitter for the 24 Cm Band	G Sattler, DJ4LB	25 - 30
1981/2	A Linear Amplifier for 1250 MHz Using the BFQ68	G Sattler, DJ4LB	95 - 98
1981/3	A 1.3 GHz Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	130 - 134
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	A Home-Made UHF/SHF Power Meter	B Neubig, DK1AG	194 - 203
1981/4	A Noise Generator for VHF and SHF	O Frosinn, DF7OF	221 - 229
1982/1	Bias Voltage Circuits for Tubes of the 2C39/3CX100 Families	Michael Ulbricht, DB2GM	38 - 43
1982/3	A Helical Antenna for the 23 cm Band	Jan M Noeding, LA8AK	148 - 149
1983/3	A 1296 MHz/144 MHz Converter equipped with the GaAsFET 3SK97	Hans-J Grimm, DJ1SL	184 - 190
1983/4	A 1296 MHz / 144 MHz Converter Equipped with the GaAs-FET 3SK97	Hans Wessels, PA2HWG	232 - 234
1984/1	A 10 W Linear Amplifier for the 23 cm Band	Konrad Hupfer, DJ1EE	51 - 55
1985/4	SSB Mini Transverter 144 / 1296 MHz	Konrad Hupfer, DJ1EE	232 - 240
1986/1	Two Band (1.2 - 2.4 GHz) Feed Horn for Parabolic Antennas	Harald Fleckner, DC8UG	47 - 52
1986/1	A 20 W Linear Amplifier for the 23 cm Band	Konrad Hupfer, DJ1EE	38 - 40

Edition	Title	Author	Pages
1986/2	Microstrip Transverters for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	96 - 107
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/3	Microstrip Transverters for 23 and 13 cm Part 2	Matjaz Vidmar, YT3MV	143 - 164
1987/2	A 250 W 23 cm Band Power Amplifier	Dragoslav Dobricic, YU1AW	92 - 98
1988/1	A 1296 MHz 200 mW Driver using SMD Technology	Armin Roesch, HB9MFL	54 - 59
1988/4	A Compact Hybrid Antenna for 2 m, 70 cm and 23 cm	Hannes Fasching, OE5JFL	212 - 217
1989/1	UHF and SHF Broadband Mixers	Joachim Berna, DL1YBL	39 - 45
1989/4	24/23 cm Band Linear Power Amplifier Module M57762	Carsten Vieland, DJ4GC	211 - 215
1990/4	An Unconditionally Stable, Low Noise GaAsFET Preamplifier	Dragoslav Dobricic, YU1AW	202 - 218
1991/1	The Trials and Modifications of a 23 cm Amplifier	A Vilaseca, HB9SLV	47 - 54
1992/3	Microwave Directional Coupler with Front-to-Back ratio made from Semi Rigid Circuits	Carsten Vieland, DJ4GC	130 - 139
1994/2	A Solid State Broadband 80 W Amplifier for 24 cm	Angel Vilaseca, HB9SLV	85 - 92
1997/1	Pre Mixer for 23 and 13 cm	Walter Zwickel, OE2TZL	20 - 29
1997/2	23 cm PSK Packet Radio Transceiver for 1.2 Mbit/s User Access	Matjaz Vidmar, S53MV	74 - 96
1997/3	A Broadband VHF-UHF-SHF Amplifier	Andre Jamet, F9HX	185 - 186
1999/3	Two Filters and a Diplexer for 23 cm	Ian Waters, G3KKD	178 - 184
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2003/1	Micro transmitter for L band	Paolo Pitacco, IW3QBN	2 - 7
2003/3	GH Quad linear amplifier for 23cm	Grant Hodgson, G8UBN	188 - 190
2003/3	L Band power amplifier for AO-40 uplink	Konrad Hupfer, DJ1EE	142 - 148
2008/2	G H Engineering PA1.3-100 23cm power amplifier	Andy Barter, G8ATD	106 - 114
2008/4	Retuning a GSM band PA from 900MHz to 1296MHz	Dtefan Przeliorz, SP9QZO	194 - 195

Topic**24GHz Band**

Edition**Title****Author****Pages**

2010/1

White Box Story - what make of PA?

Jean-Francois losca, F1LVO 12 - 15

Edition	Title	Author	Pages
1976/4	Designation of the Microwave Bands and Waveguides	R Lentz, DL3WR	232 - 233
1977/1	Getting Started on the 10 GHz Band	Dr D Evans, G3RPE	19 - 29
1977/2	Introduction to Microwave Techniques a Description of a 10 GHz Transceiver	Dr Ing A Hock, DC0MT	66 - 70
1977/3	A Transceiver for 10 GHz Part 2	Dr Ing A Hock, DC0MT	168 - 178
1977/3	Further Data for Construction of Horn Antennas for the 10 GHz Band	T Kolpin, DK1IS	167
1977/4	A Transceiver for 10 GHz Part 3	Dr Ing A Hock, DC0MT	247 - 255
1978/4	The 10 GHz Amateur Band - Consideration of Present and Future Technologies	D Vollhardt, DL3NQ	244 - 251
1979/1	The 10 GHz Amateur Band - Consideration of Present and Future Technologies - Part 2	D Vollhardt, DL3NQ	34 - 42
1979/1	Calibration Spectrum Generator for the Microwave Bands up to 10 GHz	U Mallwitz, DK3UC	43
1979/2	A Frequency Multiplier for Narrow Band 3 cm Band Communications	R Griek, DK2VF	66 - 73
1979/2	A 3 cm Primary Radiator for Parabolic Antennas	R Griek, DK2VF	74 - 75
1979/3	A Simple Radiator for 3 cm Parabolic Dishes	R Heidemann, DC3OS	151 - 153
1979/4	A Transceiver for the 10 GHz Band	J Reithofer, DL6MH	208 - 215
1980/1	SSB on the 10 GHz Band - Information Regarding a Future Description in VHF Communications	H Fleckner, DC8UG	51 - 52
1980/2	Automatic Frequency Control + Suppression of Acoustic Feedback in Conjunction with 10 GHz Transceiv	Dr M Wieser, OE7WMI	107 - 111
1980/3	Home Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	139 - 145
1980/3	SSB on the 10 GHz Band Part 1 : Generation of the Local Oscillator Frequency	H Fleckner, DC8UG	130 - 138
1981/1	Coaxial SHF Connectors Constructed from Bicycle Tire Valves	E Schaefer, DL3ER	36 - 37
1981/1	SSB on the 10 GHz Band Part 3 : Intermediate Frequencies in the 2 m or 70 cm Band	H Fleckner, DC8UG	13 - 17
1981/1	SSB on the 10 GHz Band Part 2 : Waveguide Modules	H Fleckner, DC8UG	2 - 12
1981/2	A New Method of Mounting and Feeding Gunn Elements Using a BNC Connector	K Buchenrieder, DD0MQ	108 - 109
1981/2	Constant Amplitude PLL-SSB on the UHF and SHF Bands	O Frosinn, DF7OF	99 - 104
1981/2	Chokes for Contactless Tuning of Waveguide Modules	E Schaefer, DL3ER	105 - 107
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	135 - 143

Edition	Title	Author	Pages
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications Part 2	B Neubig, DK1AG	194 - 203
1981/4	Line of Sight Microwave Communications	H Shlager, OE3HSC	239 - 243
1982/2	Experiments with a 10 GHz Frequency Multiplier with Interdigital Filter Coupling	Uli Mallwitz, DK3UC	94 - 98
1983/1	A Stripline GaAs-FET Preamplifier and Mixer for the 10 GHz band, Part 1	Erwin Schaefer, DL3ER	42 - 48
1983/2	A Stripline GaAs-FET Preamplifier and Mixer for the 10 GHz band, Part 2	Erwin Schaefer, DL3ER	112 - 121
1984/1	A FM Transceiver for 10 GHz with Dielectrically Stabilised Oscillator	Jochen Jirmann, DB1NV	2 - 12
1984/2	A 10 GHz FM Transceiver with DSO Another Version with a 30 MHz Intermediate Frequency	Jochen Jirmann, DB1NV	89 - 90
1985/3	A Stable Crystal Controlled Source for 10.37 GHz	Jochen Jirmann, DB1V	146 - 152
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/4	TV Satellite Receive System Part 1 : Low Noise 11 GHz Down Converter	Matjaz Vidmar, YT3MV	194 - 213
1988/1	Rear Feed Dish Radiator with Corrugated Horn	Dr Med Hans Schloter, DJ7GK	8 - 9
1989/1	UHF and SHF Broadband Mixer	Carsten Vieland, DJ4GC	39 - 45
1989/2	The Microline 3 Transverter System The Break Through in 10 GHz Experimental Communications Part 1	Jurgen Dahms, DC0DA	95 - 102
1989/2	Circular Waveguide Components at 10 GHz	Andrew Bell, GW4JJW	66 - 73
1989/3	The Microline 3 Transverter System The Break Through in 10 GHz Experimental Communications Part 2	Jurgen Dahms, DC0DA	172 - 186
1989/4	Screw Tuned Filter for the X Band	Carsten Vieland, DJ4GC	242 - 246
1990/1	An Injection Locked Oscillator for the 10 GHz Band	R G Sanson, ZL1TBG	2 - 4
1990/2	10 GHz Varactor Tuned Gunn Oscillator	Andrew Bell, GW4JJW	66 - 69
1990/3	Microwave Lense Antennas	Angel Vilaseca, HB9SLV	179 - 189
1990/4	A New Feed for the 3 cm Band	G Tomassetti, I4BER	244 - 247
1992/3	Doppler Radar in the 10 GHz Amateur Band Part 1	Jean-Pierre Morel, HB9RKR	169 - 181
1992/4	Doppler Radar in the 10 GHz Amateur Band Part 2	Jean-Pierre Morel, HB9RKR	209 - 225
1994/2	Dual Band Exciter for 10 GHz and 24 GHz	Josef Fehrenbach, DJ7FJ	111 - 116
1995/1	GaAsFET Power Amplifier Stages up to 5 W for 10 GHz	Peter Vogl, DL1RQ	52 - 63
1996/4	10 GHz EME, Basic Principles and Discoveries	Josef Fehrenbach, DJ7FJ	224 - 243
1997/1	A 10 G Hz Super Regenerative Receiver	Andre Jamet, F9HX	2 - 12

Topic**3 cm Band**

Edition	Title	Author	Pages
1997/2	Using a DRO as a Transmitter	Andre Jamet, F9HX	66 - 73
1998/1	Design and Assembly of a Noise Matched Hetro Junction GaAsFET 10.4 GHz Amplifier. Using PUFF	Harald Fleckner, DC8UG	18 - 29
1999/3	Dielectric Antenna for 3 cm	Bob Platts, G8ZOP	187 - 188
1999/3	Dielectric Antenna for 3 cm	Bob Platts, G8OZP	187 - 188
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2004/3	Franco's Finest. Low priced 10GHz preamplifiers	Gerard Galve, F6CXO	186 - 188
2005/4	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	217 - 221
2005/4	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	206 - 216
2007/4	1 watt power amplifier for 9 to 11GHz	Alexander Meier, DG6RBP	194 - 200

Topic**3 m Band**

Edition	Title	Author	Pages
1975/2	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 1: Circuit Description	J Kestler, DK1OF	66 - 77
1975/3	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 2: Construction	J Kestler, DK1OF	130 - 145
1975/4	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 3: Power Supply and notes	J Kestler, DK1OF	200 - 202

Topic**4 m Band**

Edition**Title****Author****Pages**

1969/2

The 70 MHz DL6SW FET Converter

D T Hayter, G3JHM

123

Topic**47GHz band**

Edition**Title****Author****Pages**

2002/3

Amplifier For 47GHz Using Chip Technology

Sigurd Werener, DL9MFV

160 - 164

Topic**6 cm Band**

Edition	Title	Author	Pages
1980/1	Receive Mixer for the 6 cm Band	R Heidemann, DC3OS	46 - 50
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications Part 2	B Neubig, DK1AG	194 - 203
1982/2	A Receive Converter for the 6 cm Band	Thomas Morzinck, DD0OT	89 - 93
1982/4	A 6 cm Transmitter for FM and SSB	Hans-J Senckel, DF5OZ	209 - 213
1983/4	A 6 cm Preamplifier equipped with the MGF1400 and a Push Pull Mixer for Transmit and Receive	Hans Wessels, PA2HWG	210 - 217
1987/4	5760 MHz Power Amplifier using YD1060	Roman Wesolowski, DJ6EP	204 - 209
1989/1	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	39 - 45
1991/1	A 6 cm Transverter using Stripline Technology, Part 1	Peter Vogl, DL1RQ	16 - 30
1991/2	A 6 cm Transverter using Stripline Technology, Part 2	Peter Vogl, DL1RQ	69 - 73
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2008/4	Review of Mini-Kits 6cm 1 Watt PA (EME141-5800)	Richard Giles, G4LBH	249 - 250
2009/1	Antenna Array for the 6cm Band	Jose Geraldo Chiquito	37 - 53

Topic**6 m Band**

Edition	Title	Author	Pages
1992/4	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 1	Wolfgang Schneider, DJ8ES	241 - 250
1993/1	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 2	Wolfgang Schneider, DJ8ES	48 - 57
1993/2	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 3	Wolfgang Schneider, DJ8ES	101 - 108
2004/2	A modern 50/28MHz converter	Henning-Christof Weddig, DK5LV	95 - 115
2004/4	A modern 50/28MHz converter part 2	Henning-Christof Weddig, DK5LV	238 - 248
2006/3	Ultra linear low noise preamplifier for 6m	Dragoslav Dobriic, YU1AW	184 - 189
2007/1	EADX 6m contest rules		61
2007/1	Extending the 50MHz converter into a transverter	Henning C Weddig, DK5LV	19 -40

Edition	Title	Author	Pages
1969/1	144 MHz / 432 MHz Transverter for Low Power and Field Day Applications	L Wagner, DL9JU	31 - 35
1969/2	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	65 - 72
1969/2	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	96 - 97
1969/4	A Ten Watt Transmitter for 70 cm	H J Franke, DK1PN	243 - 248
1970/2	A Universal VHF-UHF Transmitter for AM and FM	R Lentz, DL3WR	87 - 102
1970/2	Cheap Varactor Diodes for the 70 cm Transmitter, Using the EC8020 Tube	H J Franke, DK1PN	123
1970/3	A Universal VHF-UHF Transmitter for AM and FM, Part 2	R Lentz, DL3WR	153 - 159
1970/3	Coaxial Low Pass Filter for VHF and UHF	H J Dohlus, DJ3OC	166 - 178
1970/4	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	240 - 243
1970/4	Stripline Transverter for 70 cm	K Eichel, DC6HY	225 - 239
1971/1	A 70 cm Transmitter with VXO Exciter	E Berberich, DL8ZX	33 - 39
1971/2	A 28 MHz - 432 MHz Transmit Converter with FET Mixer	F Weingartner, DJ6ZZ	99 - 106
1971/2	Simple Stripline Reflectometers for 144 MHz and 432 MHz	R Griek, DK2VF	89 - 92
1971/3	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gschwindt, HA8WH	145 - 149
1971/4	Simple 70 cm Transverter for Portable Equipment	J Reithofer, DL6MH	217 - 221
1971/4	Inexpensive Varactor Diodes	Editors	221
1971/4	Stripline Bandpass Filter for 70 cm	J Reithofer, DL6MH	222 - 223
1972/2	An 18 W Power Amplifier for 432 MHz with Printed Striplines	K Hupfer, DJ1EE	88 - 91
1972/3	A Stripline Power Amplifier for 70 cm Using a 2C39 Tube	A Tautrim, DJ2PU	144 - 157
1973/3	Miniature Receive Converter for 432 MHz/144 MHz for Portable Operation and DF Hunts	G Hoffschmidt, DL9FX	173 - 176
1973/3	Receive Converter 432 MHz / 28 MHz, Matching the Transmit Converter DJ6ZZ 002	J Dahms, DC0DA	160 - 164
1974/1	Transistorised Linear Amplifier for 70 cm	G Freytag, DJ3SC	30 - 37
1974/2	A linear Transverter for 2 m / 70 cm with Double Conversion	W Rahe, DC8NR	89 - 106
1975/2	A Simple 70 cm Power Amplifier Equipped with the 2C39	K Weiner, DJ9HO	78 - 82
1975/2	A Versatile 70 cm Converter with Schottky Diode Mixer	B Lubbe, DJ5XA	83 - 89

Topic **70 cm Band**

Edition	Title	Author	Pages
1976/2	Concept of a Combined SSB Station for both 2 m and 70 cm	A Wurzinger, DJ4BH	116 - 117
1976/3	A Transmit Converter for 432 MHz with Schottky Ring Mixer	F Weingartner, DJ6ZZ	142 - 150
1977/1	Two Stage ATV Linear Amplifier for 435 MHz	G Sattler, DJ4LB	10 - 13
1977/2	A Coaxial Line Power Amplifier for 70 cm Equipped with 4CX250B	W Rahe, DC8NR	71 - 84
1977/2	The 70 cm FM Transceiver ULM 70 Part 1: Introduction, Block Diagrams, Variations	I Sangmeister, DJ7OH	104 - 108
1977/3	A Simple Bandpass Filter for the 70 cm band	H J Brandt, DJ1ZB	152 - 156
1977/3	The 70 cm FM Transceiver ULM 70 Part 2: The receiver	I Sangmeister, DJ7OH	130 - 142
1977/4	The 70 cm FM Transceiver ULM 70 Part 3: The transmitter	I Sangmeister, DJ7OH	194 - 203
1977/4	A New Concept for 2 m to 70 cm Transverters	E Berberich, DL8ZX	229 - 232
1978/1	The 70 cm FM Transceiver ULM 70 Part 4: Mechanical construction and wiring	I Sangmeister, DJ7OH	42 - 47
1978/1	A New Type of Preamp for 145 MHz and 435 MHz Receivers	M Martin, DJ7VY	30 - 36
1978/2	The ULM 70 S - An FM Transceiver for the 70 cm band with Synthesiser	I Sangmeister, DJ7OH	85 - 99
1978/2	Harmonic Filter for the ULM 70 and ULM 70 S Transceivers	I Sangmeister, DJ7OH	82 - 84
1978/3	The Frequency Control Loop for a 433 MHz VCO	T Krieg, DK8GY	186 - 190
1980/3	Modern Receive Converter for 70 cm Receivers, Using DJ7VY 002 on the 70 cm band	M Lass, DJ3VY	148 - 154
1980/4	A Home Made Reflectometer for VHF and UHF Applications, Manufactured from plumbing materials	H C Als, DC4IQ	226 - 229
1980/4	A Simple Two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	230 - 231
1981/1	A Portable Home Made YAGI Antenna for the 70 cm band	H J Griem, DJ1SL	18 - 24
1981/3	A Ring Mixer Module for the DJ4LBI ATV Transmitter	B Roessle, DJ1JZ	167 - 172
1982/1	A Noise Generator for VHF and UHF	Michael Ulbricht, DB2GM	38 - 43
1982/3	Using the GaAs-FET S 3030 in a 70 cm Preamp	Editors	139 - 141
1982/4	A Compact 70 cm Transverter for 2 m Transceivers	Bernd Bartkowiak, DK1VA	227 - 235
1983/3	A 2 m / 70 cm SSB Transmitter with High Spurious Rejection Part 1	Gunther Borchert, DF5FC	163 - 170
1983/4	A 2 m / 70 cm SSB Transmitter with High Spurious Rejection Part 2	Gunther Borchert, DF5FC	235 - 246

Topic **70 cm Band**

Edition	Title	Author	Pages
1985/3	Helica Antenna for the 70 cm band	Alois Aigner, DL6XE	130 - 132
1986/1	Oil Cooling for High Power Tubes	Franz R Rathenow, DF9ZT	41 - 46
1986/1	Active Probe Scaler 400 - 1300 MHz	A R Jenkins, ZL2TVT	13 - 17
1986/2	A Miniature 70 cm Handheld FM Transceiver	Jochen Jirmann, DB1NV	85 - 95
1987/1	Dimensioning Stacked Yagi Antennas Using the Superposition Technique	Wolfgang Borschel, DK2DO	27 - 30
1987/3	Additional Notes on the 70 cm Handheld DB1NV 004	G Prokoph, DL5NP	150 -151
1988/1	70 cm Converter Using GaAs-FET CF300	Wolfgang Schneider, DD2EK	50 - 53
1988/1	A 2 m / 70 cm Antenna Splitting Filter	Joachim Kestler, DK1OF	26 - 30
1988/1	Wideband Power Divider / Combiner for the 2 m and 70 cm bands	Konrad Hupfer, DJ1EE	2 - 7
1988/4	432 MHz Linear PA Using 3 x 2C39BA	Dragoslav Dobricic, YU1AW	233 - 237
1988/4	A Compact Hybrid Antenna for 2 m , 70 cm and 23 cm	Hannes Fasching, OE5JFL	212 - 217
1989/1	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	39 - 45
1990/2	Universal Synthesiser for Frequencies up to and above 1000 MHz, Part 1	Gunther Borchert, DF5FC	99 - 104
1990/3	Universal Synthesiser for Frequencies up to and above 1000 MHz, Part 2 (Conclusion)	Gunther Borchert, DF5FC	139 - 156
1990/4	Simple Improvements to the DK2VF Microstrip Directional Coupler	Jochen Dreier, DG8SG	250 - 253
1994/3	Radio Astronomical Experiments in the 70 cm band	Dr Ing Jochen Jirmann, DB1NV	166 - 173
1995/2	A 28 / 432 MHz Transverter	Wolfgang Schneider, DJ8ES	98 - 106
1997/3	A Broadband VHF-UHF-SHF Amplifier	Andre Jamet, F9HX	185 - 186
2000/3	Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	156 - 166
2000/4	Low Pass Filter for 2 m and 70 cm - Part 2	Gerhard Schmitt, DJ5AP	232 - 240

Topic**76GHz band**

Edition	Title	Author	Pages
2003/1	Frequency multiplier for 76GHz with an integrated amplifier	Sigurd Werner, DL9MFV	35 - 41
2003/2	A simple concept for an efficient 76GHz transverter	Sigurd Werner, DL9MFV	77 - 83
2003/3	76GHz amplifier	Sigurd Werner, DL9MFV	163 - 169
2003/4	New transmitter with higher performance for 76GHz	Sigurd Werner, DL9MFV	194 - 198
2004/1	Combining power at 76GHz: Three possible solutions discussed	Sigurd Werner, DL9MFV	13 - 19
2004/3	Low noise, high performance amplifiers for 76GHz	Sigurd Werner, DL9MFV	139 - 149
2004/3	Frequency doubler for 76GHz with 130/160mW output	Sigurd Werner, DL9MFV	150 - 155
2008/3	76GHz sextupler and amplification	Sigurd Werner, DL9MFV	155 - 159

Topic**9 cm Band**

Edition	Title	Author	Pages
1978/1	Narrow Band Filters for the 23 cm, 13 cm and 9 cm band	D Vollhardt, DL3NQ	2 - 11
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22
1978/3	Interdigital Converters for the GHz Amateur bands.	J Dahms, DC0DA	154 - 168
1979/3	SSB Transmit Mixers for the SHF bands Part 2 : The 9 cm band	R Heidemann, DC3OS	144 - 150
1980/4	Local Oscillator, Transmit Mixer and Linear Amplifier for the 9 cm band	H J Senckel, DF5OZ	236 - 245
1981/2	Constant Amplitude PLL SSB on the UHF and SHF bands	O Frosinn, DF7OF	99 - 104
1981/3	An Extremely Low Noise 96 Mhz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 Mhz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1982/3	Bias Voltage Circuits for Tubes 2C39 / 3CX100	Jan M Noeding, LA8AK	148 - 149
1982/3	A Power Amplifier for 3456 MHz	Klaus Brocker, DK1UV	142 - 147
1984/1	An SSB Transmit Mixer and Linear Amplifier for 3456 MHz	Horst Burfeindt, DC9XG	13 - 22
1989/1	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	39 - 45
1989/4	9 cm Band Tube PA Stage	Roman Wesolowski, DJ6EP	232 - 241
1989/4	9 cm Band Power FET Linear Amplifier	Werner Rache, DC8NR	249 - 254
1989/4	2.83 GHz DR Oscillator	Hans Michl, Heilbronn	228 - 231

Topic **Amateur Television**

Edition	Title	Author	Pages
1972/3	Amateur Television	T Bittan, G3JVQ	184 - 190
1972/4	Amateur Television Part 2	T Bittan, G3JVQ	241 - 252
1973/1	An ATV Pulse Centre	K Wilk, DC6YF	54 - 59
1973/1	A Modular ATV Transmitter	G Sattler, DJ4LB	2 - 15
1973/2	A Modular ATV Transmitter Part 2	G Sattler, DJ4LB	66 - 80
1973/3	TV Pattern Generator	K Wilk, DC6YF	177 - 189
1973/4	TV Pattern Generator, Additional Board Grid and Dot Generator	K Wilk, DC6YF	250 - 254
1974/3	A Domestic TV Receiver as a Video Monitor	K Wilk, DC6YF	186 - 190
1975/2	A Veratile 70 cm Converter with Schottky Diode Mixer	B Lubbe, DJ5XA	83 - 89
1975/2	Modifications to the ATV Transmitter DJ4LB	P A Johnson, G8EIM	111 - 115
1976/1	ATV Information	J Grimm, DJ6PI	19 - 23
1976/2	ATV Information	J Grimm, DJ6PI	90 - 95
1976/2	Receive Converter with Schottky Diode Mixer for 24 cm	B Lubbe, DJ5XA	80 - 89
1976/3	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	155 - 157
1977/1	Transistor Linear Amplifiers for ATV Operation	G Sattler, DJ4LB	2 - 9
1977/1	Two Stage ATV Linear Amplifier for 435 MHz	G Sattler, DJ4LB	10 - 13
1977/1	A Vestigial Sideband Filter for ATV	J Grimm, DJ6PI	14 - 18
1977/4	A Modular ATV Transmitter with Video and Audio Modulation at IF Level	G Sattler, DJ4LB	233 - 246
1981/1	An ATV Transmitter for the 24 cm band Constructed From Modules Described in VHF Communications	G Sattler, DJ4LB	25 - 30
1981/2	A Linear Amplifier for 1250 MHz Using the BFQ68	G Sattler, DJ4LB	95 - 98
1981/3	A Ring Mixer Module for the DJ4LB ATV Transmitter	B Roessle, DJ1JZ	167 - 172
1981/4	An Easy to Build TV Pattern Generator	L Damrow, DC7EP	230 - 234
1984/3	Suggestions for Standardising SSTV and FAX Transmissions	W V Driessche, ON6VD	181
1984/4	Colour Test Image Generator for Amateur Television Applications	D Meendermann, DC1BP	194 - 204
1986/1	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	53 - 63
1986/3	IF Amplifier and Demodulator for Wideband FM Amateur Television	J Grimm, DJ6PI	165 - 176
1987/1	Colour Test Image Generator - Improved Resolution	D Petigi, DD1PE	57 - 58
1987/2	Television Field Strength Indicator	R Berres, DF6UW	110 - 112

Topic **Amateur Television**

Edition	Title	Author	Pages
1988/1	70 cm Converter using GaAs FET CF300	W Schneider, DD2EK	50 - 53
1988/1	ATV FM Driver for the 13 cm band	H Rathke, DC1OP	39 - 49
1988/1	Improved AFC Unit for the DJ4LB ATV Transmitter	R Berres, DF6UW	35 - 38
1988/4	FM Television for the Amateur	J Wood, G3YQC	194 - 211
1989/1	FM ATV in the GHz Range Part 1 : 23 cm Transmitter	W Schneider, DD2EK	25 - 30
1989/1	FM ATV in the GHz Range Part 2 : Sound Carrier Circuits and Tuning Voltage DC Converter	W Schneider, DD2EK	57 - 60
1989/2	Further Improvements to the DJ4LB 002a ATV Audio Section	A Meier, DC7MA	103 - 104
1989/2	ATV Sound PLL for the DJ4LB 002a Board	A Meier, DC7MA	105 - 107
1989/3	Vision / Sound Combiner for AM ATV Transmitter	R Berres, DF6WU	157 - 162
1990/1	SAT-X Receiver for the Satellite IF band 900 - 1700 MHz	M Salewski, DC9DO	10 - 22
1990/2	A Universal Sound Vision Unit for FM ATV Transmitters	Gunter Sattler, DJ4LB	105 - 114
1991/1	An FM ATV Receiver for the 23 cm band	W Schneider, DJ8ES	3 - 15
1991/1	10 GHz ATV The Easy Way, Part 1	J Toon, G0FNH	43 - 46
1991/2	10 GHz ATV The Easy Way, Part 2	J Toon, G0FNH	102 - 106
1991/3	Modifications of the FM ATV Transmitter DD2EK 002; Increasing the Output Power to 50 mW	W Schneider, DJ8ES	158 - 159
1991/4	ATV with Twin Sound Channels, Part 1	R Tappert	194 - 199
1991/4	10 GHz ATV The Easy Way, Part 3	J Toon, G0FNH	220 - 228
1992/1	ATV with Twin Sound Channels, Part 2	R Tappert	2 - 10
1992/2	10 GHz ATV The Easy Way, Part 4	J Toon, G0FNH	119 - 122
1992/2	A 10 GHz Television Transmitter Stabilised by a Dielectric Resonator	D Roussel, F6IWF	66 - 75
1992/3	A Digital Slow Scan Television Transmit Coder	J J Noel, F6ILR	140 - 150
1993/4	Addenda and Comments on the Article : A 10 GHz FM ATV Transmitter with Dielectric Resonator	G Sattler, DJ4LB	237 - 240
1994/1	Suppression of Interference to 70 cm ATV by Using a Highly Selective Notch Filter	E Berberich, DL8ZX	45 - 55
1994/2	13 cm FM ATV Exciter	R Erping, DB9JC	119 - 124
1995/1	Modifying Satellite Receiving Systems for 10 GHz FM ATV Operation	Denys Roussel, F6IWF	2 - 17
1995/4	The Worlds Smallest 10 GHz ATV Transmitter	Angel Vilaseca, HB9SLV	246 - 252
1998/2	A State of the art 13 cm Amateur Television Transmitter, Part 1	Henk Medenblik BSc, PE1JOK	66 - 74

Topic **Amateur Television**

Edition	Title	Author	Pages
1998/3	A State of the art 13 cm Amateur Television Transmitter, Part 2	Henk Medenblik BSc, PE1JOK	146 - 158
1998/4	A State of the art 13 cm Amateur Television Transmitter, Part 3	Henk Medenblik BSc, PE1JOK	236 - 244
1999/3	UHF TV Masthead Pre Amplifier	Graham Baker, ZL1TOF	185 - 186
1999/4	Receive Amateur Television with this Low Cost Conversion of a PACE PRD800 Satellite Receiver	Bob Head, G7NPE	249 - 253
1999/4	Receive Amateur Television with this Low Cost Conversion of a PACE PRD800 Satellite Receiver	Duncan Head, G7PNE	249 - 253
2000/1	5.7 GHz ATV Converter	Helmut Neidel, DL1IN	24 - 29
2000/3	Suplement to Article on 5.7 GHz ATV Converter	Helmut Neidel, DL1IN	186 - 187
2002/4	Video Signal Recognition, ATV Squelch	Alexander Meier, DG6RBP	232 - 241
2005/4	ATV transmitter with PLL for 10GHz	Alexander Meier, DG6RBP	206 - 216
2005/4	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	217 - 221

Edition	Title	Author	Pages
1969/1	The HB8CV Antenna for VHF and UHF	H J Franke, DK1PN	26 - 30
1969/2	Determining the Impedance of Rod Antennas in the VHF Range	H J Dohlus, DJ3QC	98 - 109
1969/3	Determining the Impedance of Quarter Wave Ground Plane Antennas	H J Dohlus, DJ3QC	160 - 168
1970/1	A Tilttable Antenna with Selectable Polarity	E Reith, DJ9JT	12 - 20
1971/2	A Quadruple Quad Antenna - An Efficient Portable Antenna for 2 Metres	M Ragaller, DL6DW	82 - 84
1971/2	Standing Wave Ratio and Cable Attenuation	J Strrm, DC6YE	85 - 88
1971/3	A 4 Element Yagi Antenna for 23 cm	H W Binder, DC8XB	132 - 133
1973/2	Circular Polarisation on 2 Metres	T Bittan, G3JVQ	104 - 109
1973/2	Theory, Advantages and Types of Antennas for Circular Polarisation at UHF	Dr Ing A Hock, DC0MT	110 - 115
1973/3	Further Data for Construction of Horn Antennas for the 10 GHz band	T Kolpin, DK1IS	167
1973/4	Antenna Notebook	T Bittan, G3JVQ	220 - 223
1974/1	Calculation of the Elevation and Azimuth Angles for Antenna Control for Moonbounce Communications	P Raicgle, DJ6XV	42 - 45
1974/1	Antenna Notebook	T Bittan, G3JVQ	38 - 41
1974/2	Six Element Collinear Antenna with Reflector Plate for the 24 cm band using Stripline Balun	M Munich, DJ1CR	85 - 88
1974/2	Antenna Notebook	T Bittan, G3JVQ	82 - 84
1974/3	A Helical Antenna for 70 cm	W Stich, OE1GHB	149 - 155
1974/3	Losses Encountered when Interconnecting Cables Having Incorrect Impedance	Dr P Brumm, DL7HG	142 - 146
1974/3	Antenna Notebook	T Bittan, G3JVQ	147 - 148
1974/4	Antenna Notebook : OSCAR 7 Antennas	T Bittan, G3JVQ	248 - 251
1975/1	Antenna Notebook : Further Details on Circular Polarisation	T Bittan, G3JVQ	21 - 25
1975/1	A Long Yagi Antenna for 1296 MHz	R Lentz, DL3WR	32 - 33
1975/1	Measurements on a Quadruple Quad Antenna	G Schwarzbeck, DL1BU	26 - 31
1975/2	A 40 Element Collinear Antenna for 23 cm	G Korner, DK2JR	108 - 110
1975/2	A Four Element Yagi Antenna for the 23 cm band using Stripline Balun	B Lubbe, DJ5XA	106 - 107
1975/2	A Stacked Tubular Slot Antenna for the 23 cm band	G Korner, DK2LR	103 - 105
1975/3	Antenna Notebook : Antennas for Mobile Telecommunications	T Bittan, G3JVQ	168 - 173

Edition	Title	Author	Pages
1975/4	A Collinear Antenna for the 13 cm band	K Hupfer, DJ1EE	236 - 238
1976/1	Antenna Notebook	T Bittan, G3JVQ	55 - 60
1976/3	The Most Important Features and Characteristics of GHz Antennas	H Berner, VDE/NTG	130 - 141
1976/4	Balun Transformers for 23 cm and 13 cm from Semi Rigid Cable	Editors	221
1976/4	Tubular Radiator for Parabolic Antennas in the 13 cm band	H J Griem, DJ1SL	207 - 214
1977/1	Horn Antennas for the 10 GHz band	Dr Dain Exans, G3RPE	28 - 29
1977/1	Antenna Notebook	T Bittan, G3JVQ	52 - 56
1977/1	Corner Reflector Antennas	R Lentz, DL3WR	57 - 58
1977/2	Horn Radiators for the 10 GHz band	Dr Ing A Hock, DC0MT	69 - 70
1977/3	Yagi Antennas - Principle of Operation and Optimum Design Criteria	G Hoch, DL6WU	157 - 166
1977/4	More Gain with Yagi Antennas	G Hoch, DL6WU	204 - 211
1978/1	Loop Yagi Antennas	R Lentz, DL3WR	23 - 29
1978/1	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	37 - 41
1978/2	Electronic Control of Antenna Rotators Part 1: Programming Using Preset Trimmer Potentiometers	J Kestler, OK1OF	114 - 118
1978/3	Calculation of the Elevation and Azimuth of the Antenna for METEOSAT Reception	R Lentz, DL3WR	173 174
1979/2	A 3 cm Primary Radiator for Parabolic Antennas	R Griek, DK2VF	74 - 75
1979/3	A System for Reception and Display of Meteosat Images Part 1	R Tellert, DC3NT	130 - 140
1979/3	A Simple Radiator for 3 cm Parabolic Antennas	R Heidemann, DC3OS	151 - 153
1979/3	Optimum Spacings of Directional Antennas	G Hoch, DL6WU	154 - 161
1979/4	Electronic Control of Antenna Rotators Part 2 : Digital Programming with BCD Inputs	J Kestler, DK1OF	238 - 250
1979/4	Big Wheel - An Omnidirectional Antenna for the 23 cm band	Th Morzinck, DD0OT	203 - 207
1980/1	A Remote Polarisation Switching Unit for Crossed Yagi Antennas	H Stoll, DG7SO	33 - 35
1980/3	Home Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	139 - 145
1980/4	A Simple two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	230 -231
1981/1	A Portable Home Made Yagi Antenna for the 70 cm band	H J Griem, DJ1SL	18 - 24

Edition	Title	Author	Pages
1981/2	A Simple Method of Switching the Direction of Circular Polarised Antennas	T Bittan, G3JVQ	118
1981/4	Antennas for Reception of Orbiting Weather Satellites in the 137 MHz band	T Bittan, G3JVQ	214 - 218
1981/4	Line of Sight Microwave Communications	H Schlager, OE3HSC	239 - 243
1982/1	The Optimum S Element Antenna	Leif Asbrink, SM5BSZ	19 - 23
1982/3	Extremely Long Yagi Antennas	Guenter Hoch, DL6WU	130 - 138
1983/3	Antenna Polarisation for OSCAR 10	Gunther Schwarzbeck, DL1BU	182 - 183
1983/3	A Helical Antenna for the 23 cm band	Hans J Griem, DJ1SL	184 - 190
1983/4	Determining the Antenna Gain in the GHz Range	Erich Stadler, DG7GK	202 - 203
1984/4	A Programmable Rotator Control	Manfred Claar, DF9EY	232 - 246
1985/2	Estimating the Gain of Yagi Antennas From Chart Data	Gunther Hoch, DL6WU	121 - 124
1985/2	Loop Yagi Antenna Design for 13 cm	Josef Grimm, DJ6PI	72 - 78
1985/3	Determination of Antennas Gain What's Actually Behind it all ?	Bernd von Bojan, DJ7YE	185 - 191
1985/3	The Directional Coupler Function and Use	Erich Stadler, DG7GK	178 - 184
1985/3	Helical Antenna for the 70 cm band	Alois Aigner, DL6XE	130 - 132
1985/3	Polarisation Performance of Circularly Polarised Antennas	Matjaz Vidmar, YU2UMV	173 - 177
1985/4	Micro Stripline Antennas	Friedrich Krug, DJ3RV	194 - 202
1986/1	Antenna Position Calculations for Measurements of Cosmic Radio Sources and EME Communications	Peter Gerber, HB9BNI	35 - 37
1986/1	Two Band (1.2 - 2.4 GHz) Feed Horn for Parabolic Antennas	Harald Fleckner, DC8UG	47 - 52
1986/2	The YU0B Yagi Antenna	Dragoslav Dobricic, YU1AW	66 - 80
1986/3	Reflection Coefficient	Erich Stadler, DG7GK	186 - 188
1986/4	TV Satellite Receive System Part 1 : Low Noise 11 Ghz Down Converter	Matjaz Vidmar, YT3MV	194 - 213
1987/1	Dimensioning Stacked Yagi Antennas Using the Superposition Technique	Wolfgang Borschel, DK2DO	27 - 30
1987/2	The Doppler Effect Over Radio Links, Using Active or Passive Reflectors	Peter Gerber, HB9BNI	88 - 91
1988/1	Receiving METEOSAT with Yagis	Andreas Schaumburg, DF7ZW	15 - 18
1988/1	A 2 m / 70 cm Antenna Splitting Filter	Jochim Kestier, DK1OF	26 - 30

Topic **Antenna Technology**

Edition	Title	Author	Pages
1988/1	Rear Feed Dish Radiator wit Corrugated Horn	Dr Med Hahs Schloter, DJ7GK	8 - 9
1988/4	A Compact Hybrid Antenna for 2 m, 70 cm and 23 cm	Hannes Fasching, OE5JFL	212 - 217
1988/4	An Introduction to Moonbounce (EME)	Willi Rass, DF4NW	218 - 232
1990/1	41 Element Yagi for the 13 cm band	Philipp Prinz, DL2AM	40 - 43
1990/2	Stacked Loop Yagi Antenna for METEOSAT Reception	A E Chicken, G3BIK	85 - 98
1990/2	WG20 Dish Mount	Andrew Bell, GW4JJW	115 - 117
1990/2	A Magnetic Loop Antenna for 2 Metres	John Winsor, G0JXU	118 - 122
1990/3	Microwave Lense Antenna	Angel Vilaseca, HB9SLV	179 - 189
1990/4	A "New" Feed for the 3 cm band	G Tomassetti, I4BER	244 - 247
1990/4	Tropospheric Forward Scatter Propogation	Wolfgang Borschel, DK2DO	248 - 249
1991/2	A Home Built Satellite Dish Steering System	John Barker	120 - 122
1991/4	A Cylinder Parabolic Antenna with Compact Meteosat Converter	Dipl Ing Detlef Burchard	211 - 219
1991/4	UHF Antenna with Vertical Polarisation but no Vertical Dimension	Jurgen Langer, DJ5AT	234 - 240
1991/4	Magnetically Coupled Yagi Antennas - Overlooked by Amateurs ?	Eugen Berberich, DL8ZX	247 - 251
1991/4	Omnidirectional Waveguide Slot Antenna for Horizontal Polarisation Part 1	Klaus Solbach, DK3BA	200 - 205
1992/1	Omnidirectional Waveguide Slot Antenna for Horizontal Polarisation Part 2	Klaus Solbach, DK3BA	11 - 17
1992/2	A Very Low Noise Aerial Amplifier	Matjaz Vidmar, YT3MV	90 - 96
1992/2	Low Feedback Coupling of a Poly Directional Antenna for Contest Operation	Eugen Berberich, DL8ZX	97 - 99
1992/3	VHF / UHF Sloping Vee Antennas	R A Formato PhD, K1POO	151 - 157
1992/4	Active Antenna for the Frequency Range from 10 KHz to 50 MHz	Dr Ing Jochen Jirmann, DB1NV	226 - 231
1993/1	Dopler Direction Finder with Improved Characteristics	Dipl Ing Detlef Burchard	2 - 18
1993/4	An Antenna for all Meteors	Richard A Formato, K1POO	227 - 230
1994/1	Maximum Bandwidth Monopole Antennas	Richard A Formato, K1POO	19 - 23
1994/2	Improved Impedance Performance of the Extended Double Zepp Antenna	Richard A Formato, K1POO	78 - 84
1994/3	Improving Impedance Bandwidth of VHF / UHF Yagis by Decreasing the Driven Element F/D Ratio	Richard A Formato, K1POO	142 - 150
1994/4	A Hybrid Antenna Switch for the 23 cm band	Wolfgang Schneider, DJ8ES	235 - 237

Edition	Title	Author	Pages
1994/4	A Practical Loop Antenna for HF	Carl G Lodstrom, SM6MOM/W6	230 - 234
1994/4	A DIY Receiver for GPS and GLONASS Satellites; Part 3b : Quadrifilar Backfire Helix Antenna	Matjaz Vidmar, S53MV	197 - 200
1994/4	A Stripline Antenna for 10 GHz	Angel Vilaseca, HB9SLV	238 - 244
1995/1	Calculating the Focal Point of an Offset Dish Antenna	Ing Jiri Otypka CSc	25 - 30
1995/2	A Big Wheel Antenna for the 70 cm band	Eugen Berberich, DL8ZX	123 - 126
1996/1	Design Parameters for Impedance Loaded Wideband Antenna	Richard A Formato, K1POO	42 - 54
1996/1	Improved Impedance Loading for Wideband Antennas	Richard A Formato, K1POO	20 - 29
1996/1	Realibility of Gain Specifications for Antennas	Steen Gruby, OZ9ZI	10 - 19
1996/1	Easily Assembled UHF - VHF Antennas for the Radio Amateur	Eugen Berberich, DL8ZX	2 - 9
1996/2	Improved Feed for the Off Centre Fed Dipole	Richard A Formato, K1POO	90 - 93
1996/2	Active Reception Antennas : Calculations and Experiments Part 1	Dipl Ing Detlef Burchard	72 - 89
1996/3	Active Reception Antennas : Calculations and Experiments Part 2	Dipl Ing Detlef Burchard	157 - 164
1996/3	More on the Off Centre Fed Dipole	Richard A Formato, K1POO	181 - 184
1997/2	A Genetically Designed Yagi	Richard A Formato, K1POO	116 - 123
1998/2	How Good are Genetically Designed Yagi ?	Richard A Formato, WW1RF	87 - 93
1998/3	Computer Assisted Design of High Gain Yagi Aerials	Leif Asbrink, SM5BSZ	130 - 145
1999/1	Improving VHF Antenna Systems with High Impedance Yagis	Richard A Formato, WW1RF	38 - 52
2000/3	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	130 - 136
2000/4	A Quadrifilar Helix Antenna for Orbiting Weather Satellites	Dipl. Ing. D Burchard	201 - 214
2001/1	Modern Patch Antenna Design Part I	Gunthard Kraus, DG8GB	49 - 63
2001/2	Modern Patch Antenna Design Part II	Gunthard Kraus, DG8GB	66 - 86
2001/3	An Interesting Program, PCAAD21 - An Antenna Analysis Program	Gunthard Kraus, DG8GB	166 - 175
2001/3	Designing Long Yagis with YGO3	Richard A Formato, WW1RF	139 - 155
2001/4	Optimising Yagi Antennas With YGO3 Genetic Optimiser	Joop van Sundert, PD1APO	206 - 212
2001/4	The Fractal Antenna	Angel Vilaseca, HB9SLV	213 - 226
2002/2	Simple Speed Control for Rotators	Michael Kuhne, DB6NT	66 - 68

Topic**Antenna Technology**

Edition	Title	Author	Pages
2003/4	A new space saving omnidirectional antenna the H O Loop	Eugen Berberich, DL8ZX	236 - 241
2004/1	An array of 4 x 16 turn helix antennas for 2402MHz	Paolo Pitacco, IW3QBN	2 - 6
2004/1	Practical Project: A patch antenna for 5.8GHz	Gunthard Kraus, DG8GB	20 - 29
2004/3	The noble art of piping power to an antenna	Carl Lodstrom, KQ6AX, SM6MOM	130 - 138
2006/1	Design for a printed circuit board antenna, using a Log Periodic antenna as an example	Thomas Bergmann DG8NTB	48 - 61
2006/2	Design of a Quad Yagi: Part 1	Johannes Schad, DG6NDS	107 - 116
2006/2	Reciprocal effects between antennas and surrounding metal objects, Part 1	Prof. Ing. Gerd Janzen, DF6SJ	79 - 88
2006/3	Reciprocal effects between antennas and surrounding metal objects, Part 2	Prof. Ing. Gerd Janzen, DF6SJ	156 - 168
2006/3	Design of a Quad Yagi: Part 2	Johannes Schad, DG6NDS	145 - 155
2007/1	Practical Project: Durable and reproducible patch antenna for the 2.45GHz WLAN band, Part 1	Gunthard Kraus, DG8GB	41 - 55
2007/3	Practical Project: Durable and reproducible patch antenna for the 2.45GHz WLAN band, P2 cont frm 1/7	Gunthard Kraus, DG8GB	178 - 188
2009/4	Weatherproof UHF & microwave cavity antennas	Matjaz Vidmar, S53MV	203 - 231

Topic **Audio Frequency Technology**

Edition	Title	Author	Pages
1969/4	Active Audio Filters Part I	D E Schmitzer, DJ4BG	218 - 225
1969/4	Active Audio Filters Part II	D E Schmitzer, DJ4BG	226 - 235
1970/4	Steep Skirted Active Audio Filters	D E Schmitzer, DJ4BG	210 - 216
1970/4	Speech Processing	D E Schmitzer, DJ4BG	217 - 224
1971/1	Speech Processing - Practical Circuit of an Efficient Clipper	D E Schmitzer, DJ4BG	1 - 5
1971/2	An Integrated Audio Amplifier Using the PA237	D E Schmitzer, DJ4BG	115 - 120
1971/4	An Audio Frequency RTTY Converter	Dr A Gschwindt, HA8WH	224 - 232
1971/4	A Simple Modulator for FM Transmitters	K P Timmann, DJ9ZR	233 - 234
1972/1	An Integrated AF Amplifier and Voltage Stabiliser	D E Schmitzer, DJ4BG	34 - 39
1973/4	An Integrated Receiver System for AM, FM, SSB and CW Part 4 : AF Amplifier and CW Filter	H J Franke, DK1PN	208 - 211
1974/2	An Integrated Receiver System for AM, FM, SSB and CW Part 6 : PSU, AF Low Pass Filter and S Meter	H J Franke, DK1PN	107 - 113
1975/1	Active Bandpass Filters Using RC Components Part 1 : Theory	D E Schmitzer, DJ4BG	15 - 20
1975/2	Active Bandpass Filters Using RC Components Part 2 : Practical Construction	D E Schmitzer, DJ4BG	93 - 102
1976/3	A Second Version of the Modular AF Amplifier and Voltage Stabiliser	D E Schmitzer, DJ4BG	175 - 180
1976/4	Calling Tone Decoder and Oscillator	R Reuter, DC6FC	252 - 255
1977/1	Interesting Linear Integrated Circuits	D E Schmitzer, DJ4BG	44 - 51
1977/2	A Triangular Wave Generator	H J Ehrke, DC7LE	121 - 123
1979/1	An FM Transceiver for the 2 m band Part 1 : The Receiver	J Kestler, DK1OF	44 - 53
1987/2	Switched Capacitor Audio Filter	Werner Rahe, DC8NR	113 - 125
2001/2	Digital Speech Store	Wolfgang Schneider, DJ8ES	87 - 91
2001/3	Digital Speech Store, Instructions and Improvements to the article in issue 2/2001	Wolfgang Schneider, DJ8ES	156 - 157
2002/2	Speech Store With Integrated Sequencer	Wolfgang Schneider, DJ8ES	87 - 94
2004/1	Universal sound card interface for digital modes	Wolfgang Schneider, DJ8ES	7 - 12

Topic**DSP Techniques**

Edition	Title	Author	Pages
1988/2	Digital Signal Processing Techniques for the Radio Amateur - Theoretical Part	Matjaz Vidmar, YT3MV	76 - 97
1989/1	Digital Signal Processing Techniques for the Radio Amateur, Part 2 Design of a DSP Computer	Matjaz Vidmar, YT3MV	2 - 24
1989/2	Digital Signal Processing Techniques for the Radio Amateur, Part 3 Construction / use of DSP Computer	Matjaz Vidmar, YT3MV	74 - 94
1989/3	Digital Signal Processing Techniques for the Radio Amateur, Part 4a Application Software	Matjaz Vidmar, YT3MV	130 - 137
1989/4	Digital Signal Processing Techniques for the Radio Amateur, Part 4b Application Software	Matjaz Vidmar, YT3MV	216 - 227
1990/2	Amateur Radio Applications of the Fast Fourier Transform, Part 1	Matjaz Vidmar, YT3MV	123 - 126
1990/3	Amateur Radio Applications of the Fast Fourier Transform, Part 2a	Matjaz Vidmar, YT3MV	130 - 138
1990/4	Amateur Radio Applications of the Fast Fourier Transform, Part 2b	Matjaz Vidmar, YT3MV	219 - 229
1991/3	DSP Computer Update No 1	Matjaz Vidmar, YT3MV	147 - 157
1991/4	Simple Doubling of Data Storage Capacity of the DSP Computer	Heinz Kriegelstein 1991/4	206 - 210
1992/4	A 1 Mbyte SRAM Card for the DSP Computer	Matjaz Vidmar, YT3MV	204 - 208
1993/3	Programming the DSP Computer	Gunther Hofmann, DK2TX	178 - 180
2010/1	Introduction to Digital Signal Processing (DSP)	Gunthard Kraus, DG8GB	23 - 37

Topic**FAX Technology**

Edition	Title	Author	Pages
1985/3	FM/AM Converter for Facsimile Reception and Picture Display with the YU3UMV Picture Store	Drs Tjapke Knoeff	169 - 172
1986/1	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	53 - 63

Edition	Title	Author	Pages
1970/3	Coaxial Low Pass Filters for VHF and UHF	H J Dohlus, DJ3OC	166 - 178
1970/4	Steep Skirted Active Audio Filters	D E Schmitzer, DJ4BG	210 - 216
1971/3	Interdigital Bandpass Filter for 23 cm	H J Franke, DK1PN	141 - 144
1971/4	Stripline Bandpass Filter for 70 cm	J Reithofer, DL6MH	222 - 223
1975/4	A Simple Bandpass Filter for the 2 m band	H J Brandt, DJ1ZB	244 - 249
1977/3	A Simple Bandpass Filter for the 70 cm band	H J Brandt, DJ1ZB	152 - 156
1978/1	Narrow Band Filters for the 23 cm, 13 cm and 9 cm band	D Vollhardt, DL3NQ	2 - 11
1978/1	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	37 - 41
1978/2	Harmonic Filter for the ULM 70 and ULM 70S Tranceivers	I Sangmeister, DJ7OH	82 - 84
1978/3	Interdigital Converters for the GHz Amateur bands. Coupled Microstrip Lines as Filters	J Dahms, DC0DA	154 - 168
1983/3	Input Filters for Receive Applications in the 144 MHz Range	Istan Szabo, op of HA5KFV	141 - 147
1983/4	Measuring Aids and a Harmonic Filter for the V MOS Transistor 100 W Power Amplifier for 144 MHz	Harald Braubach, DL1GBH	247 - 254
1986/3	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	177 - 185
2001/4	Modern Design for Band Pass Filters Made From Coupled Lines	Gunthard Kraus, DG8GB	228 - 251
2002/1	Modern Design of Stripline Low Pass Filters	Gunthard Kraus, DG8GB	35 - 62
2003/4	Practical Project: Design and construction of a high quality 100MHz bandpass filter	Gunthard Kraus, DG8GB	208 - 225
2004/4	Design and realisation of a coaxial low pass filter for 1.85GHz	Alexander Meier, DG6RBP	210 - 216
2005/1	Practical Project: Stripline low pass filters	Gunthard Kraus, DG8GB	16 - 27
2005/3	Practical Project: Stripline low pass filter for various frequency ranges. Part 2 cont. from 1/2005	Gunthard Kraus, DG8GB	164 - 181
2005/4	Systematic development of low pass filters using lines	Artoteles Tsiamitros	194 - 205
2006/1	Practical Project: Stripline low pass filters for various frequency ranges. Part 3 cont. from 3/2005	Gunthard Kraus, DG8GB	7 - 28
2006/1	Design and assembly of a simple 4 pole ladder filter	Wolfgang Schneider, DJ8ES	2 - 6
2008/1	A new band pass filter design for microwave projects	Joh Fielding, ZS5JF	43 - 55
2008/1	Filter synthesis using LTspice	Aristoteles Tsiamitros, DD5FT	12 - 25
2008/4	Example active low pass filters	Aristoteles Tsiamitros, DD5FT	219 - 230

Topic**Filters**

Edition**Title****Author****Pages**

2009/2

Cascade synthesis of active bandpass filters

Aristoteles Tsiamitros,
DD5FT

66 - 77

Topic **Fundamentals**

Edition	Title	Author	Pages
1969/1	Phased Locked Oscillator For Transmit and Receive Mixers Amateur Radio Equipment	K P Timmann, DJ9ZR	11 - 25
1969/2	A Coaxial Relay with a High Coupling Attenuation and Good SWR	E Berberich, DL8ZX	124 - 125
1969/2	Preamplifiers to Improve Speech Intelligibility Under Poor Operating Conditions	E Schmitzer, DJ4BG	110 - 114
1969/2	Regarding the DJ7ZV / DJ9ZR Phased Locked Oscillator	G Loebell, DJ6AH	85 - 86
1969/3	Linear Integrated Circuits for Amateur Applications	D E Schmitzer, DJ4BG	151 - 157
1969/3	A Calibrated Attenuator	J Wasmus, DJ4AU	169 - 173
1969/3	The Effect of the Printed Circuit Base Material on the Q of Printed Inductances	K P Timmann, DJ9ZR	127 - 128
1969/3	A Simple Electronic Fuse	G Laufs, DL6HA	174 - 178
1969/4	Linear Integrated Circuits for Amateur Applications	D E Schmitzer, DJ4BG	196 - 204
1970/1	Is FM Advantageous on the VHF - UHF bands	D E Schmitzer, DJ4BG	21 - 24
1970/2	A Digital Discriminator Accessory for FM Demodulation	D E Schmitzer, DJ4BG	105 - 110
1970/3	Experiments with a Crystal Discriminator	D E Schmitzer, DJ4BG	147 - 152
1971/2	Standing Wave Ratio and Cable Attenuation	J Sturm, DC6YE	85 - 88
1971/3	AM Demodulators Using Silicon Semiconductors	D E Schmitzer, DJ4BG	190 - 193
1971/3	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	172 - 176
1971/3	Basic Digital Circuits	D E Schmitzer, DJ4BG	150 - 155
1971/4	Signal Rejection	D E Schmitzer, DJ4BG	248 - 250
1971/4	Striplines for VHF and UHF	K Hupfer, DJ1EE	207 - 216
1972/1	Circulators and Isolators	R Lentz, DL3WR	55 - 60
1972/2	Circulators and Isolators, Part 2	R Lentz, DL3WR	98 - 102
1972/2	Phase Locked Circuits	T Schad, DJ8ES	80 - 87
1972/3	Dimensioning of Microstripline Circuits	W Schumacher, DJ9XN	130 - 143
1972/4	VHF Transequatorial Propagation	R L Harrison, VK2ZTB	194 - 206
1972/4	Dimensioning of Microstripline Circuits, Part 2	W Schumacher, DJ9XN	216 - 228
1973/1	VHF Transequatorial Propagation	R L Harrison, VK2ZTB	18 - 23
1973/3	Adjusting the Operating Point of Field Effect Transistors	D E Schmitzer, DJ4BG	146 - 153
1973/4	Antenna Notebook : Circular Polarization	T Bittan, G3JVQ	220 - 223
1974/4	Meteor Scatter, Theory and Practice	Th Dambold, DJ5DT	194 - 203

Topic**Fundamentals**

Edition	Title	Author	Pages
1975/1	A Linear Transponder for Amateur Radio Satellites	Dr K Meinzer, DJ4ZC	42 - 57
1975/4	Noise in Receive Systems	R Lentz, DL3WR	217 - 235
1976/1	Matching Circuits for Schottky Ring Mixers	J Kestier, DK1OF	13 - 18
1976/3	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	155 - 157
1976/3	Design of Transistor Frequency Multipliers	Dr Ing H Schierholt, DL3ZU	151 - 154
1976/4	Mixer and Preamplifier Noise at SHF	D Voilhardt, DL3NQ	234 - 242
1976/4	Designation of the Microwave Bands and Waveguides	R Lentz, DL3WR	232 - 233
1977/1	Overtone Crystal Oscillators in Series and Parallel Resonance	H J Brandt, DJ1ZB	38 - 43
1977/1	Reducing the Output Power of Transistorised SSB Transmitters and Transverters	H J Dierking, DJ6CA	37
1977/2	Stabalising the Operating Point of Transistors with Directly Grounded Emitter	E Schmitzer, DJ4BG	100 - 103
1977/2	Zener Diode Noise in Oscillator and Multiplier Circuits	H J Franke, DK1PN	98 - 99
1977/3	Selective Frequency Multipliers	H J Brandt, DJ1ZB	143 - 151
1977/3	The AFC Loop - A Simple and Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschildt, DL9FX	184 - 188
1977/4	A New Concept for 2 m and 70 cm Transverters	E Berberich, DL8ZX	229 - 232
1978/1	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation	H Fleckner, DC8UG	12 - 17
1978/1	Simplified Measurements of Spurious Signals of VHF Transmitters	H J Brandt, DJ1ZB	59 - 61
1978/1	Applications of CMOS Circuits	G Heeke, DC1OW	53 - 58
1978/2	Atom Frequency Standards and Standard Frequency Transmitters	M Klein, DK7UF	119 - 124
1978/3	Diode Applications in Frequency Multipliers for the Microwave Range	H Fleckner, DC8UG	145 - 153
1978/4	The 10 GHz Amateur Band - Consideration of Present and Future Technologies	D Vollhardt, DL3NQ	244 - 251
1979/1	The 10 GHz Amateur Band - Consideration of Present and Future, Part 2 Technologies	D Vollhardt, DL3NQ	34 - 42
1979/2	Attenuators for Power Matching	E Wiedenmann, DL8XI	117 - 124
1979/3	Quadrature Demodulators	A Meier, DC7MA	170 - 173
1979/3	Design of Crystal Oscillator Circuits	B Neubig, DK1AG	174 - 190
1979/4	Design of Crystal Oscillator Circuits, Part 2	B Neubig, DK1AG	223 - 237
1980/1	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 to 12 cm	J Grimm, DJ6PI	2 - 13

Topic **Fundamentals**

Edition	Title	Author	Pages
1980/1	Simplified Inductance Calculation for Small Air Spaced Coils	H Rathke, DC1OP	23 - 24
1980/1	Simple Design of Quarter Wavelength Stripline Circuits	W Lerche, DC3CL	25 - 28
1980/1	A Noise Blanker for Large Signal Conditions Suitable for Receivers Having a Large Dynamic Range, Pt1	M Martin, DJ7VY	36 - 45
1980/2	A Noise Blanker for Large Signal Conditions Suitable for Receivers Having a Large Dynamic Range, Pt2	M Martin, DJ7VY	96 - 106
1980/2	Determining the Sensitivity of Receive Systems with the Aid of Solar Noise	G Hoch, DL6WU	66 - 72
1981/2	Constant Amplitude PLL SSB on the UHF and SHF bands	O Frosinn, DF7OF	99 - 104
1981/3	Coupled Microstriplines as Filter	F Schmeh, DC8EC	144 - 147
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1981/4	A Versatile IF Module Suitable for 2 m Receivers, or as an IF Module for the SHF bands	F Krug, DJ3RV	244 - 250
1982/1	Coherent Communications Technology	Ulf-D Ernst, DK9KR	2 - 3
1982/1	Dynamic Range of 2 m Transceivers Part 1 : Intro	Leif Asbrink, SM5BSZ	49 - 55
1982/1	Stabalising the Operating Point of Preamplifiers and Linear Amplifiers	Fred Schmeh, DC8EC	59 - 60
1982/2	Coherent Telegraphy Transmissions.	Charles Woodson, W6NEY	66 - 76
1982/3	The Optimum IF Selectivity for Coherent Telegraphy (CCW)	Bernd Neubig, DK1AG	163 - 171
1983/1	A VFO with Frequency Locked Lop	Dr Manfred Wieser, OE7WMI	32 - 41
1983/2	Designation of the Microwave Bands and Waveguide Specifications	Editors	122 - 123
1983/3	VMOS Transistors in Power Amplifiers for 144 MHz	Harald Braubach, DL1GBH	130 - 140
1983/3	Input Filters for Receive Applications in the 144 MHz Range	Istvan Szabo, op of HA5KFV	141 - 147
1983/4	The Dielectric Resonator. A Miniature Component for Realising Stable Microwave Oscillators + Filters	Jochen Jirmann, DB1NV	194 - 201
1984/1	Using Smiths Diagrams	Erich Stadler, DG7GK	23 - 28
1984/2	Introduction into Spread Spectrum Technology, Based on a Lecture at the Weinham VHF Convention 1982	H U Schmidt, DJ6TA	115 - 126
1984/3	An Optimum Crystal Filter for Coherent Telegraphy (CCW)	Friedrich Krug, DJ3RV	165 - 170

Topic**Fundamentals**

Edition	Title	Author	Pages
1984/3	Introduction into Spread Spectrum Technology, Based on a Lecture at the Weinham VHF Convention 1982.	H U Schmidt, DJ6TA	161 - 164
1984/4	Diagrams That Allow One to Easily Determine the Sensitivity of Receive Systems Using Solar Noise	Wolfgang Borschel, DK2DO	247 - 250
1984/4	Simple Locus Curves in the Smith Diagram	Erich Stadler, DG7GK	227 - 231
1985/1	Impedance Transformation Using a Quarter Wavelength Line	Erich Stadler, DG7GK	43 - 45
1985/2	PLL Oscillators with Delay Lines, Part 3 : Oscillator Module for the 2 m band	Joachim Kestler, DK1OF	112 - 120
1985/2	Switched Mode Power Supplies (SMPS) Part 1 : Basic Theory	Jochen Jirmann, DB1NV	79 - 93
1985/3	The PCB Integrated Coaxial Tuned Circuits	Gerd Korner, DK2LR	158 - 160
1985/3	Measurement of Cable Impedance with Impulses and Sine Waves	Erich Stadler, DG7GK	153 - 157
1985/3	PLL Oscillators with Delay Lines, Part 4 : Carrier Noise Sidebands	Joachim Kestler, DK1OF	138 - 140
1985/3	The Noise Behaviour of Amplifiers	Wolfram Pueschner, DK7KB	133 - 137
1985/4	Power Amplifiers - How they are Operated	Carsten Vieland, DJ4GC	208 - 212
1985/4	Behaviour of Reflected Pulses Along Cables	Erich Stadler, DG7GK	227 - 231
1985/4	Formulae and Diagrams for the Approximate Calculation of Micro Striplines	Friedrich Krug, DJ3RV	203 - 207
1986/1	Antenna Position Calculations for Measurements of Cosmic Radio Sources and EME Communications	Peter Gerber, HB9BNI	35 - 37
1986/3	Reflection Coefficient	Erich Stadler, DG7GK	186 - 188
1986/3	Frequency Modulated Amateur Television (ATV)	Josef Grimm, DJ6PI	165 - 176
1986/4	Voltage Controlled Tuned Wideband Oscillators	Jochen Jirmann, DB1NV	214 - 221
1987/1	A 10 kHz - 30 MHz Receiver Front End, Part 1	Joachim Kestler, DK1OF	13 - 26
1987/1	PLL Oscillators with Delay Lines, Part 5 : Digital Frequency Tuning	Joachim Kestker, DK1OF	2 - 12
1987/2	The Generation and Demodulation of SSB Signals Using the Phasing Method, Part 1 : Basic Theory	Dr Ralph Oppelt, DB2NP	66 - 72
1987/3	PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	168 - 174
1987/3	The Generation and Demodulation of SSB Signals Using the Phasing Method, Part 2 : Signal Processing	Dr Ralph Oppelt, DB2NP	130 - 140
1987/4	Pre Amplifier - Pros and Cons	Dragoslav Dobriic, YU1AW	219 - 231
1988/1	Wideband Power Divider / Combiner for the 2 m and 70 cm bands	Konrad Hupfer, DJ1EE	2 - 7
1988/2	Digital Signal Processing Techniques for Radio Amateur - Theoretical Part	Matjaz Vidmar, YT3MV	76 - 97

Topic **Fundamentals**

Edition	Title	Author	Pages
1988/4	Stabalising the VCO Frequency by Means of Monostables, Part 1	Dr Ralph Oppelt, DB2NP	238 - 245
1989/1	Stabalising the VCO Frequency by Means of Monostables, Part 2 : Continuously Tunable VCO for 2 m SSB	Dr Ralph Oppelt, DB2NP	46 - 56
1989/1	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	39 - 45
1989/4	Radio Astronomy for the VHF / UHF Radio Amateur. Calculating the Sun and Moon's Kepler Elements	Hans J Hartfuss	194 - 204
1989/4	Calculating the Sun and Moon's Kepler Elements	Peter Gerber, HB8BNI	205 - 210
1989/4	2.83 GHz DR Oscillator	Hans Michl Heilbronn	228 - 231
1990/4	The Initial Results of the Garching Amateur Radio Astronomy Installation	Hermann Hagn, DK8CT	194 - 201
1990/4	An Unconditionally Stable Low Noise GaAsFET Pre Amplifier	Dragoslav Dobricic, YU1AW	202 - 218
1991/1	A Modern Professional Look at the Design of Stable Crystal Oscillators Working at High Frequencies	Bernd Neubig, DK1AG	35 - 42
1991/2	PUFF - A CAD Program for Microwave Stripline Circuits	Robert E Lentz, DL3WR	66 - 68
1991/2	A Modern Professional Look at the Design of Stable Crystal Oscillators Working at High Frequencies	Bernd Neubig, DK1AG	74 - 79
1991/3	HP-AppCAD - A Software Collection for Calculating Microwave Exercises	Robert E Lentz, DL3WR	160 - 167
1991/3	Basics of Rectifying Small AC Voltages with Semicinductor Diodes	Dipi Ing Detlef Burchard	168 - 174
1992/1	A DTMF Converter with Multiple Switching Outputs	Bern Bauer, DF1YW	18 - 26
1992/1	Universal 2:1 Economy Transformer for DC. Part 2	Dr Ing Ralph Oppelt, DL2NDO	27 - 30
1992/2	New Developments in High Power Travelling Wave Tube Design	Dipl Ing Fritz Hanf	104 - 106
1992/3	MES-FETishism !	Dipl Ing Detlef Burchard	183 - 188
1992/3	A Logarithmic Detector, Manufactured Using Integrated Modules	Eugen Berberich, DL8ZX	165 - 168
1992/4	MES-FETishism II	Dipl Ing Detlef Burchard	232 - 240
1992/4	Broadband VCO's Using Microstrip Techniques	Dr Ing Jochen Jirmann, DB1NV	194 - 203
1993/1	Improvements of the Intermodulation Performance of Modern Amateur HF Receivers	Dr Ing Jochen Jirmann, DB1NV	38 - 43
1993/2	MES-FETishism III	Dipl Ing Detlef Burchard	66 - 72
1993/2	Theory and Practice of the Frequency Synthesiser, Part 1	Dr Ing Jochen Jirmann, DB1NV	80 - 100
1993/2	Output Wiring of GaAsFET Amplifiers	Eugen Berberich, DL8ZX	120 - 122

Topic **Fundamentals**

Edition	Title	Author	Pages
1993/2	Output Wiring of GaAsFET Amplifiers	Eugen Berberich, DL8ZX	120 - 122
1993/2	Long Delayed Radio Echoes, Observations and Interpretations	Dr Volker Grassmann, DF4AI	109 - 116
1993/3	EMC and its Consequences, Part 1	Dipl Phys Northart Rhode	181 - 188
1993/3	Theory and Practice of the Frequency Synthesiser, Part 2	Dr Ing Jochen Jirmann, DB1NV	139 - 157
1993/3	Carrier Suppression in the Ring Mixer	Dipl Ing J V Parpar	130 - 138
1993/4	EMC and its Consequences, Part 2	Dipl Phys Northart Rhode	214 - 220
1994/1	DIY Gain Blocks	Dipl Ing Detlef Burchard	2 - 11
1994/1	Intermodulation Properties of Switching Diodes	Dr Ing Jochen Jirmann, DB1NV	12 - 18
1994/2	Don't Be Afraid of High Frequency Transformers	Dipl Ing Detlef Burchard	93 - 109
1994/3	Logarithmic Converters and Measurement of Their Characteristics	Dipl Ing Detlef Burchard	174 - 190
1995/2	Frequency Doubling Using Semi Conductor Diodes	Dipl Ing Detlef Burchard	91 - 97
1995/2	A Sweep Tuner for the VCO	Carl Lodstrom, SM6MOM/W6	66 - 69
1995/3	Linear Signal Rectification, Part 1	Dipl Ing Detlef Burchard	168 - 179
1995/4	Linear Signal Rectification, Part 2	Dipl Ing Detlef Burchard	206 - 216
1996/1	Linear Signal Rectification, Part 3 : Conclusion	Dipl Ing Detlef Burchard	35 - 41
1996/2	Push Pull Receiver Front End Stages in Common Base Circuits. The Solution to Intermodulation Problem	Dr Hans Sapaotta	111 - 121
1996/2	Voltage Converters - 12 / 24v or Above	Wolfgang Schneider, DJ8ES	66 - 71
1996/2	IF Amplifier with Wide Range of Adjustments	Norbert Kohns, DG1KPN	122 - 125
1996/3	A High Precision Logarithmic Intermediate Frequency Amplifier	Dr Ing Jochen Jirmann, DB1NV	185 - 188
1996/4	Design and Realisation of Microwave Circuits	Gunthard Kraus, DG8GB	244 - 250
1997/1	Design and Realisation of Microwave Circuits, Part 2	Gunthard Kraus, DG8GB	35 - 56
1997/2	Danger Parasites !	D Eckart Schmitzer, DJ4BG	97 - 102
1997/2	Noise Behaviour of Zener Diodes	Dr Ing Jochen Jirmann, DB1NV	103 - 109
1997/3	Transistor Calculations Using Rules of Thumb	D Eckart Schmitzer, DJ4BG	180 - 184
1997/3	Design and Realisation of Microwave Circuits, Part 3	Gunthard Kraus, DG8GB	167 - 179
1997/4	Design and Realisation of Microwave Circuits, Part 4	Gunthard Kraus, DG8GB	209 - 214
1997/4	The Sine Converter	Dipl Ing Detlef Burchard	237 - 251

Topic**Fundamentals**

Edition	Title	Author	Pages
1998/1	GHz Activities. Rain Scatter as Far as Basle	Editors	30
1998/1	Design and Realisation of Microwave Circuits, Part 5	Gunthard Kraus, DG8GB	46 - 60
1998/2	Design and Realisation of Microwave Circuits, Part 5	Gunthard Kraus, DG8GB	75 - 81
1998/2	A Common Date / Time Standard for Amateur Radio	Ian Galpin, G1SMD	82 - 83
1998/2	Comments on the Article - Design and Realisation of Microwave Circuits Part 4	Carl G Lodstrom, SM6MOM/W6	84 - 86
1998/2	PUFF 2.1 - Improved and Expanded Version	Dipl Ing A Gerstlauer, DG5SEB	97 - 101
1998/3	Measurement on Ceramic Resonators	Carl G Lodstrom, SM6MOM	182 - 186
1998/4	The ASH Receiver - Principles, Trails and Observations	Dipl Ing Dettlef Burchard	226 - 235
1998/4	Wideband and Low Noise Microwave VCO	Matjaz Vidmar, S53MV	210 - 225
1998/4	Designing Chebyshev Filters for Practical Operation	D Eckart Schmitzer, DJ4GB	245 - 250
1998/4	Design and Realisation of Microwave Circuits, Part 6	Gunthard Kraus, DG8GB	194 - 209
1999/1	Individual Indication of Reasons for Cut Out by Protective Circuits of a High Power Amplifier	Jochen Dreier, DG8SG	53 - 59
1999/2	Design and Realisation of Microwave Circuits, Part 7	Gunthard Kraus, DG8GB	80 - 102
1999/2	Hot - Cold Noise Temperature Measurement in the Laboratory and in Nature	Hermann Hagn, DK8CI	103 - 108
1999/2	Designing Chebyshev Filters for Practical Operation, Part 2	D Eckart Schmitzer, DJ4GB	109 - 116
1999/3	HF Measuring Instruments, Basic Circuits and Applications, Part 1	Dr Ing Jochen Jirmann, DB1NV	148 - 164
1999/3	UHF TV Masthead Pre Amplifier	Graham Baker, ZL1TOF	185 - 186
2000/2	The I/Q Modulator Described	Dipl Ing J V Parpart	106 - 117
2000/2	Teflon or Epoxy Base Material ?	Harald Fleckner, DC8UG	90 - 104
2000/2	Logarithmic Amplifier Up To 500 MHz With AD8307	Wolfgang Schneider, DJ8ES	119 - 124
2000/3	Circulators an Ring Hybrids	Wolfgang Borschel, DK2DO	179 - 185
2000/3	Teflon, Epoxy or RO 4000 Base Material ?	Harald Fleckner DC8UG	152 - 155
2000/3	Earthing in HF and Microwave Circuits .. A Case for Puff	Gunthard Kraus, DG8GB	167 - 178
2000/4	High Precision Frequency Standard for 10 MHz	Wolfgang Schneider, DJ8ES	194 - 200
2000/4	Active Directional Coupler	Dipl. Ing J v Parpart	241 - 249
2000/4	Circulators and Ring Hybrids. Reader Ideas on Article in 3/2000	Wolfgang Borschel, DK2DO	250 - 251
2001/1	High Precision Frequency Standard for 10 MHz. Part II Frequency Control via GPS	Wolfgang Schneider, DJ8ES	2 -8

Topic**Fundamentals**

Edition	Title	Author	Pages
2001/1	Shielding Technology using Metalised Non-Wovens	Dipl. Ing. Hermann L. Aichele	20 - 27
2001/1	Modern Patch Antenna Design Part I	Gunthard Kraus, DG8GB	49 - 63
2001/1	GMSK, The Modulation used for Mobile Communications	Prof. Gisbert Glasmachers	9 - 19
2001/2	Is Silver-Plating Worth While in RF Applications ?	Wolfgang Borschel, DK2DO	119 - 122
2001/2	The Noble Art of De-Coupling	Carl G Lodstrom, SM6MOM & KQ6AX	114 - 118
2001/3	Line Sections as Capacitances or Inductances in Microwave Range	Michael Hein, DK5FI	159 - 165
2001/4	An Interesting Program, TRL85.exe	Gunthard Kraus, DG8GB	199 - 205
2002/2	The Sensitivity of Radio Equipment	Prof. Gisbert Glasmachers	95 - 104
2002/2	S12	Geoff Pike, G10GDP	111 - 115
2002/2	An Interesting Program, MSTRIP40	Gunthard Kraus, DG8GB	69 - 85
2002/3	The Transmission Of Electro-Magnetic Waves in Rectangular Waveguides	Wido Schak	151 - 159
2002/4	Determination Of Received Field Strengths In UHF Range	Gunthard Kraus, DG8GB	194 - 202
2003/2	An interesting program APLAC	Gunthard Kraus, DG8GB	90 - 105
2003/3	Lets try again with PUFF	Gunthard Kraus, DG8GB	170 - 180
2004/2	Design and realisation of microwave circuits, part 10	Gunthard Kraus, DG8GB	116 - 124
2004/3	An interesting program. SonnetLite 9.51	Gunthard Kraus, DG8GB	156 - 178
2004/3	PUFF with windows XP: "Wonderful"	Gunthard Kraus, DG8GB	183 - 185
2004/3	A simple detector to estimate the immission from GSM mobile phone base stations: Part1	Alexander Meier, DG6RBP	179 - 182
2004/4	Intermodulation behaviour of hybrid amplifier modules	Wolfgang Schneider, DJ8ES	233 - 237
2004/4	Franco's Finest, Microwave absorbers	Franco Rota, I2FHW	249 - 252
2005/1	A simple detector to estimate the immission from GSM mobile phone base stations: Part 2	Alexander Meier, DG6RBP	53 - 60
2005/4	An interesting program: Circuit simulation using PSPICE	Gunthard Kraus, DG8GB	223 - 238
2006/1	Correction to the article "An interesting program: Circuit simulation using PSPICE" in issue 4/2005	Gunthard Kraus, DG8GB	28
2006/2	Determining S-parameters with PSPICE	Gunthard Kraus, DG8GB	95 - 106
2006/2	The Noble Art of Piping DC to the LNA	Carl Lodstrom, SM6MOM & KQ6AX	117 - 123
2006/3	An interesting program: ANSOFT designer SV 2.2	Gunthard Kraus, DG8GB	130 - 144

Topic**Fundamentals**

Edition	Title	Author	Pages
2006/3	Diode multipliers	John Fielding, ZS5JF	169 - 178
2006/4	An interesting program: Ansoft designer SV 2.2. Part 2 cont. from 3/2006	Gunthard Kraus, DG8GB	238 - 250
2006/4	Transistor frequency multipliers	John Fielding, ZS5JF	224 - 237
2007/1	Corrections to transistor multiplier article published in issue 4/2006	John Fielding, ZS5JF	56 - 58
2007/1	Instrumentation amplifier noise (additional information for the article published in issue 4/2006)	Carl Lodstrom, KQ6AX & SM6MOM	59 - 60
2009/3	Possibilities and limits of circuit simulation for radi amateurs	Gunthard Kraus, DG8GB	171 - 183
2010/2	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 1	Gunthard Kraus, DG8GB	75 - 89
2010/2	Correlation function: What is that? And what is it for?	Andrea Daretti, IZ2OUK	108 - 115
2010/2	Harmonic or Overtone?	Andre Jamet, F9HX	90 - 93

Topic**GPS Satellite Reception**

Edition	Title	Author	Pages
1994/1	A DIY Receiver for GPS and GLONASS Satellites, Part 1	Matjaz Vidmar, S53MV	34 - 44
1994/2	A DIY Receiver for GPS and GLONASS Satellites, Part 2	Matjaz Vidmar, S53MV	66 - 77
1994/3	A DIY Receiver for GPS and GLONASS Satellites, Part 3	Matjaz Vidmar, S53MV	151 - 165
1994/4	A DIY Receiver for GPS and GLONASS Satellites, Part 3b Quadrifilar Backfire Helix Antenna	Matjaz Vidmar, S53MV	197 - 200
1995/1	A DIY Receiver for GPS and GLONASS Satellites, Part 4	Matjaz Vidmar, S53MV	35 - 51
1995/2	A DIY Receiver for GPS and GLONASS Satellites, Part 5	Matjaz Vidmar, S53MV	78 - 90
1995/3	A DIY Receiver for GPS and GLONASS Satellites, Part 6	Matjaz Vidmar, S53MV	153 - 167
1995/4	A DIY Receiver for GPS and GLONASS Satellites, Part 7	Matjaz Vidmar, S53MV	194 - 205
1997/3	Tips, Improvements and Corrections . A GPS & GLONASS Satellite Receiver	Matjaz Vidmar, S53MV	187 - 189
1997/4	GPS / GLONASS Receiver Hardware and Software Update #1	Matjaz Vidmar, S53MV	252 - 253

Topic **HF Equipment**

Edition	Title	Author	Pages
1996/2	An Ultra Low Cost HF SSB/CW Transceiver with 20W Output, an AGC Meter, S Meter and Audio Filter, Pt1	Denys Roussel, F6IWF	94 - 110
1996/3	An Ultra Low Cost HF SSB/CW Transceiver with 20W Output, an AGC Meter, S Meter and Audio Filter, Pt2	Denys Roussel, F6IWF	148 - 156
1997/4	An Exceptionally Low Cost HF SSB/CW Transceiver, Part 3 : Description of Assembly	Denys Roussel, F6IWF	218 - 236
1998/1	An Exceptionally Low Cost HF SSB/CW Transceiver, Part 4 : Assembly Instructions	Denys Roussel, F6IWF	35 - 45
1998/2	HF Synthesiser 5 to 1450 MHz, Part 1	Bernd Kaa, DG4RBF	103 - 121
1998/3	HF Synthesiser 5 to 1450 MHz, Part 2	Bernd Kaa, DG4RBF	159 - 181
1999/1	Tips On and Improvements to : HF Synthesiser from Bernd Kaa (Issue 2 and 3/1998)	Bernd Kaa, DG4RBF	35 - 37
2009/2	Top loaded vertical DX antenna for 80m	Wolfgang Schneider, DJ8ES	96 - 103

Topic **Measuring Technology**

Edition	Title	Author	Pages
1970/1	A Calibration Spectrum Generator for Two Meters	H Gotting, DL3XW	38 - 40
1970/1	A Transistorised Calibration Spectrum Generator for Two Metres	H Gotting, DL3XW	41 - 44
1970/4	Neutralisation of the DL3XW / DJ4BG Calibration Spectrum Generator	D E Schmitzer, DJ4BG	244
1970/4	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	240 - 243
1971/1	A Simple Method of Measuring the Frequency Deviation	C Grey, VE2AQX	40 - 43
1971/2	Simple Stripline Reflectometers for 144 and 432 MHz	R Griek, DK2VF	89 - 92
1971/3	A Four Digit Frequency Counter Module for Frequencies up to 30 MHz	F Weingartner, DJ6ZZ	159 - 171
1971/3	A Wideband Preamplifier for Frequency Counters up to 60 MHz	W R Ritter, DL8TM	156 - 158
1971/4	A Digital Calibration Spectrum Generator	D E Schmitzer, DJ4BG	194 - 205
1972/1	A Digital Calibration Spectrum Generator. Part 2 : 1.001 MHz Accessory and Power Supply	D E Schmitzer, DJ4BG	20 - 25
1972/2	A 200 kHz Receiver for Synchronising 1 MHz Oscillator to the Droitwich Longwave Transmitter	E Schmitzer, DJ4BG	111 - 118
1972/3	A Simple FET Tester	H Matuschek, DJ3MY	180 - 183
1972/3	Home Made Reflectometer for 100 - 1400 MHz	R Griek, DK2VF	164 - 166
1972/4	A Stable Crystal Controlled Oscillator in the order of 10 to minus 7 for Frequency/Time Measurement	R Gorl, DL1XX	235 - 240
1972/4	Further Developments of the Four Digit Frequency Counter	F Weingartner, DJ6ZZ	229 - 234
1973/1	Recommended Modifications to the Calibration Spectrum Generator	D E Schmitzer, DJ4BG	16 - 17
1973/2	A Six Digit Frequency Counter for Frequencies between 1 Hz and Typically 100 MHz	W R Ritter, DL8TM	95 - 103
1973/2	A Dual Input Preamplifier with 2:1 Prescaler for Frequency Counters from 1 Hz to Min 100 MHz	W R Ritter, DL8TM	91 - 94
1973/3	A 10:1 Prescaler and Preamplifier with an Upper Frequency Limit of 250 MHz for Frequency Counters	J Grimm, DJ6PI	154 - 159
1973/4	Digital Voltmeter	K Wilk, DC6YF	203 - 207
1974/1	Simple Digital Voltmeter	K Wilk, DC6YF	18 - 29
1974/1	Precision Reflectometer for 0 to 3200 MHz	H Tiententhaler, OE5THL	2 - 17
1974/3	Losses Encountered when Interconnecting Cables Having the Incorrect Impedance	Dr P Brumm, DL7HG	142 - 146
1974/3	High Impedance Preamplifier for Frequency Counters from DC to 60 MHz	H U Schmidt, DJ6TA	177 - 182

Topic	Measuring Technology
--------------	-----------------------------

Edition	Title	Author	Pages
1974/4	A 500 MHz Prescaler and Preamplifier for Frequency Counters	G Bergmann, DJ7JX	230 - 237
1975/2	A Standard Frequency Oscillator with an Accuracy of 10 to minus eight	R Gorl, DL1XX	118 - 126
1975/2	An SHF Wavemeter	K Hupfer, DJ1EE	90 - 92
1975/4	A Four Digit Frequency Counter for 250 MHz Using a 7 Segment LED Readout	E Zimmermann, HB9MIN	209 - 214
1975/4	A Numerical Indication System	K Wilk, DC6YF	250 - 251
1976/1	A Numerical Indication System, Part 2	K Wilk, DC6YF	33 - 49
1976/2	A Precision Digital Multimeter, Part 1 : Analogue/Digital Converter, Decoder and Indicator Modules	J Kestler, DK1OF	118 - 127
1976/3	A Precision Digital Multimeter, Part 2 : Input Amplifier and Power Supply	J Kestler, DK1OF	181 - 191
1976/4	A Sensitive 500 MHz 10:1 Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	247 - 251
1977/2	A Spectrum Analyser for Amateur Applications	E Berberich, DL8ZX	109 - 120
1977/2	An Absorbtion Wavemeter for 70 MHz to 1350 MHz	J Dahms, DC0DA	90 - 97
1977/2	A Triangular Wave Generator	H J Ehrke, DC7LE	121 - 123
1977/3	Linear Capacitance Meter	R Reuter, DC6FC	179 - 183
1977/4	DB1NV's Image Memory in Combination with HP141 Spectrum Analyser	Lorenz Oelschlegel, DL6NCI	216 - 217
1978/1	Simplified Measurement of Spurious Signals of VHF Transmitters	H J Brandt, DJ1ZB	59 - 61
1978/2	Atom Frequency Standards and Standard Frequency Transmitter	M Klein, DK7UF	119 - 124
1979/1	Calibration Spectrum Generator for the Microwave bands up to 10 GHz	U Mallwitz, DK3UC	43
1979/2	Attenuators for Power Matching	E Wiedenmann, DL8XI	117 - 124
1980/2	Determining the Sensitivity of Receive Systems with Aid of Solar Noise	G Hoch, DL6WU	66 - 72
1980/3	An Automatic SWR Meter	J Kestler, DK1OF	155 - 158
1980/3	A Measuring System for Determining the Temperature Response of Crystals	M Arnoldt	159 - 168
1980/4	An Up Converter for Extending the Frequency Range of Signal Generators	J M Noeding, LA8AK	215 - 216
1980/4	A Home made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Materials	H C AIs, DC4IQ	226 - 229
1980/4	Spectrum Analyser for VHF/UHF Amateur Constructing a Home Made Universal HF Module	E Berberich, DL8ZX	217 - 225

Topic		Measuring Technology	
Edition	Title	Author	Pages
1981/1	A Setable 45 MHz Counter	H Eckhardt, DF2FQ	38 - 42
1981/1	A Digital Frequency Readout for Amateur Equipment with 9 MHz IF	G Heeke, DC1QW	35
1981/2	A Setable Up Down Frequency Counter	J Kestler, DK1OF	83 - 94
1981/3	A 1.3 GHz Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	130 - 134
1981/4	A Home Made UHF / SHF Power Meter	O Frosinn, DF7QF	221 - 229
1981/4	A Wavemeter for the Frequency Range 23.5 to 24.5 GHz	E Schaefer, DL3ER	235 - 238
1981/4	An Easy To Build Pattern Generator	L Damrow, DC7EP	230 - 234
1982/1	A Noise Generator for VHF and UHF	Michael Ulbright, DB2GM	38 - 43
1982/1	Some Pitfalls in Noise Figure Measurement	J Gannaway, G3YGF	44 - 48
1982/2	An RF Probe for Test and Measurement Purposes	Dr S Behrens, DC6NG	110 - 111
1982/4	A Spectrum Analyser for VHF/UHF Amateurs, Part 2 : PC Board for the Premixer Module	E Berberich, DL8ZX	236 - 238
1983/1	A Home Made Automatic Noise Figure Measuring System, Part 1	Martin Dohlus	2 - 11
1983/2	A Home Made Automatic Noise Figure Measuring System, Part 2	Martin Dohlus	66 - 83
1983/3	Wideband Directional Coupler for VSWR Measurements on Receive Systems	Michael Martin, DJ7VY	153 - 162
1983/4	A Sensitive Thermal Power Meter	Carsten Vieland, DJ4GC	225 - 231
1983/4	Measuring Aids and a Harmonic Filter for the V-MOS Transistor 100 W Power Amplifier for 144 MHz	Harald Braubach, DL1GBH	247 - 254
1983/4	Determining the Antenna Gain in the GHz Range	Erich Stadler, DG7GK	202 - 203
1984/1	Determining the Parameters of a Receive System in Conjunction with Cosmic Radio Sources	Dragoslav Dobricic, YU1AW	35 - 50
1984/1	A 5/50 W Power Meter with Dummy Load for Operation up to 1.3 GHz	Knut Brenndorfer, DF8CA	56 - 61
1984/2	A Home Made RF Millivoltmeter	B Kokot	66 - 80
1984/2	A Receiver for the VLF Time and Frequency Standard Transmission from DCF77	Friedrich Krug, DJ3RV	96 - 114
1984/3	A Noise Generator with Defined Noise Power for Applications up in the Microwave Range	Harald Fleckner, DC8UG	137 - 145
1984/3	A Home Made RF Millivoltmeter, Part 2	B Kokot	146 - 160
1984/3	A VSWR Indicator	Willhelm Schurings, DK4TJ	171 - 180
1984/3	C-MOS Frequency Counter for 10 Hz to 1 GHz	Werner Hanschke, DC0RZ	182 - 187

Topic	Measuring Technology
--------------	-----------------------------

Edition	Title	Author	Pages
1984/4	A 10 MHz Timebase Clock for Frequency Counters Complete with PLL for DCF77	Friedrich Krug, DJ3RV	221 - 226
1984/4	Directional Couplers - Made to Measure	Harald Braubach, DL1GBH	205 - 210
1984/4	A Programmable Rotator Control	Manfred Claar, DF9EY	232 - 246
1985/1	A Power Meter for the Frequency Range 2 to 200 MHz	Harald Braubach, DL1GBH	36 - 42
1985/1	A 2.3 GHz Prescaler (100 : 1)	Manfred Muehlbacher, DB9SB	55 - 63
1985/1	Compact BNC Attenuators	Carsten Vieland, DJ4GC	2 - 7
1985/2	Thermal Power Measurements Yet Another Look	Carsten Vieland, DJ4GC	69 - 71
1985/2	L and C Measurements with Calibrated Transmission Lines	Erich Stadler, DG7GK	100 - 105
1985/2	Impeadance Measurements with Calibrated Transmission Lines	Erich Stadler, DG7GK	106 - 111
1985/3	The Directional Coupler Function and Use	Erich Stadler, DG7GK	178 - 184
1985/3	Measurement of Cable Impeadance with Impulse ans Sine Waves	Erich Stadler, DG7GK	153 - 157
1986/1	Active Probe Scaler 400 - 1300 MHz	A R Jenkins, ZL2TVT	13 - 17
1986/2	More About the DLOHV HF Millivoltmeter	Dieter Schwarzenau	81 - 84
1986/3	Tuneable VHF to SHF Bamdpass Filter	Carsten Vieland, DJ4GC	177 - 185
1986/4	Home Constructed Frequency Counter, Part 1	Dieter Schwarzenau	222 - 245
1987/2	Home Constructed Frequency Counter, Part 2 : Conclusion	Dieter Schwarzenau	73 - 87
1987/3	Electronically Switched Attenuators	Andreas Claar, DF9CP	175 - 189
1987/3	A Spectrum Analyser for the Radio Amateur	Jochen Jirmann, DB1NV	154 - 166
1987/3	More About the 2.3 GHz Divide by 100 Scaler	Manfred Muehlbacher, DB9SB	167
1987/4	A Spectrum Analyser for the Radio Amateur, Part 2	Jochen Jirmann, DB1NV	232 - 242
1987/4	Measuring Wavelengths at Microwave Frequencies Simply and Cheaply	Angel Vilaseca, HB9SLV	215 - 218
1988/2	A Thermal Power Mount	Dr Eng Jochen Jirmann, DB1NV	98 - 102
1988/2	50 W Wideband Detectors	Carsten Vieland, DJ4GC	111 - 125
1988/3	A 1.5 GHz Plug In for the DL0HV Frequency Counter	Dieter Schwarzenau	130 - 137
1988/3	Digital Storage Interface for the SWOB-2 Sweep Generator	Ralph Berres, DF6WU	138 - 140
1988/3	Providing a Frequency Counter for the SWOB	Ralph Berres, DF6WU	142 - 146

Topic	Measuring Technology
--------------	-----------------------------

Edition	Title	Author	Pages
1989/2	A Spectrum Analyser for the Radio Amateur, Part 3 : Construction and PCBs	Jochen Jirmann, DB1NV	108 - 119
1989/2	Oscilloscope Line Analyser Accessory	Thomas Morzinck, DD0QT	120 - 125
1989/3	A Spectrum Analyser for the Radio Amateur, Part 3a: Construction and PCBs	Jochen Jirmann, DB1NV	163 - 171
1990/1	A Spectrum Analyser for the Radio Amateur, Part 3b : Circuit Options and Ancilliary Equipment	Jochen Jirmann, DB1NV	5 - 9
1990/1	4 Channel 140 MHz Oscilloscope, Part 1 : Salient Circuit Details	Dr Robert Dorner, DD5IK	60 - 62
1990/3	4 Channel 140 MHz Oscilloscope, Part 2 : Conclusion	Dr Robert Dorner, DD5IK	157 - 178
1990/3	Practical Tips for the Amateur Spectrum Analyser	A Schaumburg, DF7ZW	190 - 191
1990/4	Simple Improvements to thr DK2VF Microstrip Directional Coupler	Jochen Dreier, DG8GS	250 - 253
1991/2	Measurement Arrangements for Complex Impedances	Carl G Lodstrom, SM6MOM/W6	93 - 101
1991/2	Enhancements to the Spectrum Analyser	Dr Ing J Jirmann, DB1NV	80 - 88
1991/2	RF Sweeping with a PC	Werner Bruekner, DL6MDA	107 - 119
1991/3	A Digital Image Store for the DB1NV Spectrum Analyser, Part 1	Dr Ing Jochen Jirmann, DB1NV	130 - 146
1991/4	A Digital Image Store for the DB1NV Spectrum Analyser, Part 2 : Conclusion	Dr Ing Jochen Jirmann, DB1NV	229 - 233
1992/1	Expanding the DB1NV Spectrum Analyser to 2 GHz	Walter Zwickel, OE2TZL	50 - 54
1992/1	A Marker Generator for 10 MHz and 1 MHz Markers	Walter Zwickel, OE2TZL	47 - 49
1992/1	A Tracking Generator for the DB1NV Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	35 - 46
1992/2	Absolute Calibration of a Noise Source	Dipl Ing Detlef Burchard	76 - 89
1993/1	A Digital Framestore for the DB1NV Spectrum Analyser; Alterations and Additions	Dr Ing Jochen Jirmann, DB1NV	44 - 47
1993/2	A Simple dB Linear S Meter for Microwave Applications	Erich Zimmermann, HB9MIN	117 - 119
1993/4	Measurement Aids for the UHF Amateur	Michael Kuhne, DB6NT	207 - 213
1993/4	Assembly Instructions and Experiences with the DB1NV Spectrum Analyser Design	Joachim Danz, DL5UL	241 - 250
1994/2	Addenda and Comments on the Article : Tracking Generator	Dr Ing Jochen Jirmann, DB1NV	117 - 118
1994/4	An RF Power Meter with Linear Scale	Carl G Lodstrom. SM6MOM/W6	201 - 204
1994/4	A Synthesised Local Oscillator for the DB1NV Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	205 - 229
1994/4	A UHF-SHF Marker Generator	Michael Kuhne	245 - 248

Topic	Measuring Technology
--------------	-----------------------------

Edition	Title	Author	Pages
1994/4	Measurements on Resonance in Capacitors	Carl G Lodstrom, SM6MOM/W6	249 - 253
1995/1	The Detector for Complex Impedances - Some Practical Additions	Carl G Lodstrom, SM6MOM/W6	22 - 24
1995/2	A Grid Dip Meter for VHF and UHF	Carl G Lodstrom, SM6MOM/W6	70 - 77
1995/3	Frequency Counter with Harmonic Mixing for the UHF / SHF Amateur	Luis Cupido. CT1DMK	130 - 146
1995/3	Expansion and Assembly of the DB1NV Spectrum Analyser	Rainer Schmulling, DK6ZK	180 - 188
1995/4	New Software for the Digital Image Store for the DB1NV 010 Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	229 - 230
1995/4	Digital Display for the Logarithmic Detector Amplifier from DJ4GC	Norbert Kohns, DG1KPN	240 - 245
1996/3	Expansion of the Software for the DB1NV Spectrum Analyser Digital Store	Bernd Kaa, DG4RBF	173 - 180
1996/3	VHF, UHF and SHF Measurement Methods Using a PC, Part 1 : Control Using the PC's Centronics Port	Wolfgang Schneider, DJ8ES	165 - 172
1996/4	Sweep Triggered Frequency Counter for the DB1NV Spectrum Analyser	Bernd Kaa, DG4RBF	215 - 223
1996/4	VHF, UHF and SHF Measurement Methods Using a PC, Part 2 : Milliwatt Meter From Short Wave to SHF	Wolfgang Schneider, DJ8ES	206 - 214
1997/1	VHF, UHF and SHF Measuring Methods Using a PC, Part 3 : 0.9 - 1.5 GHz Synthesiser	Wolfgang Schneider, DJ8ES	13 - 19
1997/2	Elimination of Self Oscillation Points in the DB1NV Spectrum Analyser	Andreas Schaumburg, DF7ZW	110 - 115
1997/3	VHF, UHF and SHF Measuring Methods Using a PC, Part 4 : High Frequency Test Rig up to 1.4 GHz	Wolfgang Schneider, DJ8ES	152 - 166
1997/4	VHF, UHF and SHF Measuring Methods Using a PC, Part 5 : mW Meter, Wobblers and Spectrum Analysers	Wolfgang Schneider, DJ8ES	194 - 208
1998/1	Stripline Directional Coupler for 400 MHz to 3.6 GHz	Gregor Storz, ZL1GSG	2 - 9
1998/1	Diplexer for Ring Mixers	Eugen Berberich, DL8ZX	11 - 17
1998/2	Instructions and Improvements. Supplement to Series : VHF, UHF and SHF Measuring Methods Using a PC	Wolfgang Schneider, DJ8ES	94 - 96
1999/1	Spectrum Analyser 0 to 1750 MHz	Matjaz Vidmar, S53MV	2 - 30
1999/2	Tracking Generator for the Spectrum Analyser 100 KHz to 1750 MHz	Matjaz Vidmar, S53MV	66 - 79
1999/3	Harmonic Converter for the Spectrum Analyser 100 kHz to 1750 MHz	Matjaz Vidmar, S53MV	136 - 147
1999/4	Storage Normaliser for the Spectrum Analyser	Matjaz Vidmar, S53MV	230 - 247
1999/4	Marker Counter for the Spectrum Analyser	Matjaz Vidmar, S53MV	219 - 229

Topic **Measuring Technology**

Edition	Title	Author	Pages
2000/1	Frequency Divider Up To 4 GHz	Bernd Kaa, DG4RBF	2 - 9
2000/1	Correction to Marker Counter for Spectrum Analyser	Matjaz Vidmar, S53MV	30
2000/1	FC 4000 Micro Controlled Double Frequency Counter Up to 4 GHz	Bernd Kaa, DG4RBF	10 - 23
2000/2	A Vectorial Aerial Impedance Meter For The Short Wave Range	Dr Ing Jochen Jirmann, DB1NV	66 - 88
2000/4	High Precision Frequency Standard for 10 MHz	Wolfgang Schneider, DJ8ES	194 - 200
2000/4	Tracking Generator for Microwave Ranges (1.7 to 13 GHz)	Carsten Vieland, DJ4GC	215 - 230
2001/1	Tracking Generator from 1 MHz to 13 GHz for Spectrum Analysers	Carsten Vieland, DJ4GC	35 - 48
2001/1	High Precision Frequency Standard for 10 MHz. Part II Frequency Control via GPS	Wolfgang Schneider, DJ8ES	2 -8
2001/2	A Sinadmeter	E Chicken, G3BIK	92 - 101
2001/4	70 MHz Preamplifier for Frequency Counter	Wolfgang Schneider, DJ8ES	194 - 198
2002/1	Pre Divider (:10) up to 5GHz	Alexander Meier, DG6RBP	22 - 26
2002/1	A Simple Proceedure for Measurements	Dipl. Ing. Detlef Burchard	17 - 21
2002/1	Frequency Generator (Wobbler) to 4GHz	Wolfgang Schneider, DJ8ES	2 - 16
2002/2	Direct Mixer for a 1 - 65MHz Short Wave Synthesiser	Wolfgang Schneider, DJ8ES	120 - 123
2002/2	A Simple Noise Figure Meter	Carl G Lodstrom, KQ6AX	105 - 110
2002/3	Precision Directional Coupler For Matching Measurements	Bernd Kaa, DG4RBF	165 - 174
2002/4	Frequency Indicator For Portable Radio Equipment	Robert Tyrakowski, DK7NT	243 - 250
2002/4	2-Tone Generator For 145MHz	Wolfgang Schneider, DJ8ES	216 - 227
2003/1	Control logic for a switchable attenuator	Wolfgang Schneider, DJ8ES	8 -13
2003/1	A 10.7MHz I.f. probe	E Chicken, MBE, G3BIK	56 - 58
2003/2	Digital mW Meter	Alexander Meier, DG6RBP	71 - 76
2003/3	Frequency / power standard for calibration	Wolfgang Schneider, DJ8ES	149 - 162
2003/3	Useful add-ons for the 4GHz frequency generator (wobbler)	Norbet Kohns, DG1KPN	130 - 141
2003/4	12GHz divide by 1000 prescaler	Alexander Meier, DG6RBP	199 - 206
2003/4	1 to 65MHz DDS signal generator with switcahble output level	Wolfgang Schneider, DJ8ES	226 - 235
2004/1	12GHz divide by 10 prescaler	Alexander Meier, DG6RBP	35 - 38

Topic	Measuring Technology
--------------	-----------------------------

Edition	Title	Author	Pages
2004/1	The noble art of signal detection	Carl Lodstrom, KQ6AX & SM6MOM	48 - 57
2004/2	Synthesised signal generator for 10 to 1800MHz	Bernd Kaa, DG4RBF	66 - 94
2004/4	A uni(versal) counter up to 12GHz	Hubertus Rathke, DC1OP	225 - 232
2005/1	Centre frequency counter for HP 8565A and HP 8569 spectrum analysers	Bernd Kaa, DG4RBF	35 - 43
2005/2	Designation of microwave bands, specification and dimensions	Eberhard L. Smolka, DB7UP	122 - 125
2005/2	Universal measuring amplifier for low DC voltages	Alexander Meier, DG6RBP	88 - 95
2005/2	New measuring method to determine the bandwidth occupied by J3E (SSB) transmissions	Ralf Rudersdorfer, OE3RAA	96 - 110
2005/3	Low power radio frequency wattmeter (dBm) using an AD8362 detector	Wolfgang Schneider, DJ8ES	140 - 146
2005/3	Non-linear distortions	Prof. Gisbert Glasmachetrs	147 - 155
2005/4	Display unit for low power radio frequency wattmeter using an AD8362 from issue 3/2005	Wolfgang Schneider, DJ8ES	243 - 250
2005/4	Three probes for RF measurements without DUT disturbance	Andre Jamet, F9HX	239 -242
2006/2	13GHz prescaler	Zeljko Bozic, S52ZB	89 - 94
2006/2	Selective Wattmeter	Wolfgang Schneider, DJ8ES	72 - 78
2006/3	Power detector covering up to 2.7GHz	Wolfgang Schneider, DJ8ES	179 - 183
2006/4	The Noble Art of measuring small resistances (and voltages)	Carl Lodstrom, KQ6AX & SM6MOM	212 - 223
2006/4	Microwave milliwattmeter to 18GHz, WM 500 PRO (-55dBm to + 30dBm)	Bernd Kaa, DG4RBF	198 - 211
2007/1	Noise source diodes	Franco Rota, I2FHW	11 - 18
2007/1	Display unit for the power detector by DJ8ES	Alexander Meier, DG6RBP	2 - 10
2007/2	A modern precision automatic SINAD meter, distortion factor meter and true RMS voltmeter	Ralf Rudersdorfer, OE3RAA	77 - 101
2007/2	LCD oscilloscope for spectrum analyser. Plus update on spectrum analyser project	Matjaz Vidmar, S53MV	116 - 125
2007/3	A simple RF/Microwave frequency counter	Matjaz Vidmar, S53MV	130 - 140
2007/3	Vector analyser VAA 200 for the 0.1 to 220MHz range with graphical display	Bernd Kaa, DG4RBF	141 - 157
2007/4	2-tone audio generator for SSB transmitter measurements	Wolfgang Schneider, DJ8ES	201 - 206
2007/4	Coax cable pulse generator used to measure amplifier performance	DF4KS	207 - 214

Topic **Measuring Technology**

Edition	Title	Author	Pages
2008/1	Practical Project: Noise factor measurement with older spectrum analysers: part 1	Gunthard Kraus, DG8GB	2 - 11
2008/2	Low Cost, wideband divide by 64 prescaler from 0.05 - 8GHz	Rafal Orodzinski, SQ4AVS	66 - 69
2008/2	Digital stepped attenuator for up to 2.4GHz	Alexaender Meier, DG6RBP	82 - 87
2008/2	Additional unit for the SM53MV frequency counter. (More accuracy and RS232 interface)	Zeljko Bozic, S52ZB	115 - 120
2008/3	Practical Project: Noise factor measurement with older spectrum, part 2	Gunthard Kraus, DG8GB	140 - 154
2008/3	Attenuators	Aristoteles Tsiamitros, DD5FT	166 - 177
2008/4	10MHz - 10GHz noise source diodes	Franco Rota, I2FWH	241 - 248
2009/1	Improving harmonic frequency measurements with the HP8555A	Ralp Berres, DF6WU	25 - 36
2009/3	How to realise a simple and cheap dummy load	Vincenzo Mendola, IW2KSZ	135 - 136
2009/3	Construction Project: Elektor RF Sweep Frequency Genreator / Spectrum Analyser	Andy Barter, G8ATD	137 - 153
2009/3	The noble art of checking your SWR meter	Carl Lodstrom, KQ6AX, SM6MOM	162 - 170
2009/3	Practical tips for building a return loss bridge	Andrea Daretti, IZ2OUK	130 - 134
2010/1	Digital Gain and Noise Meter (DGNM)	Rafal Orodzinski, SQ4AVS	18 - 22
2010/1	Time Domain Reflectometer (TDR) for radio amateurs, Part 1	Herbert W Schulte, CT2IJD	38 - 41

Topic **Microcomputer Technology**

Edition	Title	Author	Pages
1979/4	Electronic Control of Antenna Rotators, Part 2 : Digital Programming with BCD Inputs	J Kestler, DK1OF	238 - 250
1980/1	A Micricomputer for Amateur Radio Applications, Part 1 : Introduction	W Kurz, DK2RY	53 - 54
1980/2	A Micricomputer for Amateur Radio Applications, Part 2 : Central Processing Unit	W Kurz, DK2RY	112 - 124
1980/3	A Micricomputer for Amateur Radio Applications, Part 3 : Memory and System Bus	W Kurz, DK2RY	179 - 191
1980/4	A Micricomputer for Amateur Radio Applications, Part 4 : The Input Output Unit	W Kurz, DK2RY	246 - 255
1981/1	A Micricomputer for Amateur Radio Applications, Part 5 : The Clock Generator, RTC, Arithmetic Proc.	W Kurz, DK2RY	51 - 59
1981/2	A Micricomputer for Amateur Radio Applications, Part 6 : Power Supply and Rotator Interface	W Kurz, DK2RY	119 - 126
1981/3	A Micricomputer for Amateur Radio Applications, Part 7 : The TV Interface	W Kurz, DK2RY	173 - 181
1985/4	A Microcomputer System for Radio Amateurs	J Jirmann, DB1NV	252 - 254
1986/2	Microcomputer Clock Pulse Generator Linked to DCF77 Off Air Time Standard	F Krug, DJ3RV	121 - 125
1986/2	Microcomputer System, Part 1 : Switched Mode Power Supply (SMPS)	J Jirmann, DB1NV	108 - 120
1986/3	Microcomputer System, Part 2 : The CPU and Floppy Disc Controller	J Jirmann, DB1NV	139 - 142
1986/4	Microcomputer System, Part 3 : The Terminal Card	J Jirmann, DB1NV	246 - 249
2000/3	A Simple TNC for Megabit Packet Radio Links	Matjaz Vidmar, S53MV	137 - 151
2001/2	Universal Micro-Controller Board, Uniboard C501	Bernd Kaa. DG4RBF	108 - 113

Topic **Miscellaneous**

Edition	Title	Author	Pages
1970/3	A Simple Rotary Coaxial Coupling	P Saffron, DC8OH	186 - 187
1970/3	Modifications for the S Meter and Control Voltage	G Laufs, DL6HA	187 - 188
1970/3	Circuits in the 9 MHz Portion of the DL6HA Transceiver	R Stormer, DJ3FT	187 - 188
1970/4	Two Circuits for Automatic Band Scanning, Part 1 : A Simple Band Scanner	E G Hoffschildt, DL9FX	245 - 248
1971/1	Two Circuits for Automatic Band Scanning, Part 2 : Scanner with Stop Device and Frequency Display	E G Hoffschildt, DL9FX	56 - 61
1971/1	Demands Made on a Balloon Caried Translator	D Vollhardt, DL3NQ	6 - 13
1971/2	OSCAR 6 - Technical Description	AMSAT	93 - 97
1971/2	Plug In Modular Equipment	D E Schmitzer, DJ4BG	107 - 109
1971/3	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gschwindt, HA8WH	145 - 149
1971/4	Inexpensive Varactor Diodes	Editors	221
1972/1	Conversion Table mm/cm to inches	Dr A Gschwindt, HA8WH	39
1972/2	FM Repaeters in Germany	T Bittan, G3JVQ	119 - 120
1972/2	A 50 MHz Transverter by Modification of Receive Converter DL6HA 001 and Transmit Converter DL6HA 005	R Eide, W0ENC	103 - 106
1972/3	List of the TEKO Modules Already Described and Future Additions	D E Schmitzer, DJ4BG	174
1972/3	Recommended Standards for FM Repeaters and Fixed Channel FM Stations in the 2 m band	T Bittan, G3JVQ	167 - 168
1972/4	OSCAR 6	AMSAT Newsletter	208 - 211
1973/3	Notes on the 28 MHz / 432 MHz Transmit Conveter DJ6ZZ 002	J Dahms, DC0DA	165 - 166
1973/3	OSCAR 6 Operations Summary	P L Klein, K3JTE	171 - 172
1973/4	OSCAR 6 : Antenna Direction as a Function of Time for a Ground Station in Western Europe	G3WPO, OE6TH, DJ3RV	224 - 225
1973/4	Summary of the AMSAT OSCAR B Spacecraft System	P Klein, K3JTE	226 - 227
1973/4	An 8 W SSB Transmitter Suitable for OSCAR 6 and 7	K P Timmann, DL9ZR	228 - 233
1973/4	Linear Repeater OK0A	Editors	240
1974/1	Amateur Radio Satellite OSCAR 7	AMSAT	50 - 56
1974/1	European Band Plan for VHF and UHF bands	Editors	57
1974/1	Notes and Modifications	Editors	46 - 49
1974/2	Amateur Radio Satellite OSCAR 7	AMSAT	125 - 126

Topic**Miscellaneous**

Edition	Title	Author	Pages
1974/3	New West German Repeater Allocations	T Bittan, G3JVQ	183 - 185
1974/3	Notes and Modifications	Editors	161 - 167
1974/4	An Integrated Receiver System for AM, FM, SSB and CW, Part 8 : The System Board	H J Franke, DK1PN	252 - 255
1975/1	A Linear Transponder for Amateur Radio Satellites	Dr K Meinzer, DJ4ZC	42 - 57
1975/2	A stereo VHF/FM Receiver with Frequency Synthesis, Part 1 : Circuit Description	J Kestler, DK1OF	66 - 77
1975/2	Notes and Modifications	Editors	116 - 117
1975/3	Preliminary Evaluation of the Telemetry From OSCAR 7	R Niefind, DK2ZF	174 - 188
1975/3	Notes and Modifications	Editors	167
1975/4	AMSAT Phase III Program	D Hull, VK3ZDH	215 - 216
1975/4	Constant Amplitude SSB - Advantageous or Not ?	R Lentz, DL3WR	203 - 208
1975/4	A Numerical Indication System, Part 1	K Wilk, DC6YF	250 - 251
1976/1	A Numerical Indication System, Part 2	K Wilk, DC6YF	33 - 49
1976/1	A Simple Digital Clock	K Wilk, DC6YF	50 - 54
1976/3	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	155 - 157
1976/3	Modifications of the STE Receiver ARAC 102 for Reception of the OSCAR Satellites in 10 m and 2m band	AMSAT Mewsletter	158
1976/4	VHF Services Suitable for Use as Propagation Indicators	T Bittan, G3JVQ	243 - 246
1977/2	Home Made Finger Stock	J Nilsson, SM6FHI	85 - 89
1978/1	Calculation of Distance and Antenna Direction from Two QTH Locators	O Schmidt, DL3OV	48 - 52
1978/2	Atom Frequency Standards and Standard Frequency Transmitters	M Klein, DK7UF	119 - 124
1978/2	Notes and Modifications	Editors	127
1978/3	Notes and Modifications	Editors	191
1978/4	More Details on Reception of the European Weather Satellite METEOSAT	R Lentz, DL3WR	230 - 240
1979/2	Interdigital Converters as Transmit Mixers	U Mallwitz, DK3UC	85
1979/3	Quadrature Demodulation	A Meier, DC7MA	170 - 173
1980/2	Bandpass Link as Matching Circuit for Ring Mixers	J Kestler, DK1OF	94 - 95
1980/4	An OSCAR Piptone Generator, BK Operation and Sidetone for the IC202, IC204 and IC245	E Lautenbacher, DC5NN	232 - 235
1981/4	The Output Power of a Transceiver can be Reduced Automatically on Switching on the Power Amplifier	J M Noeding, LA8AK	251 - 252

Topic**Miscellaneous**

Edition	Title	Author	Pages
1982/1	Switching Logic for Feeding Preamplifiers	J M Noeding, LA8AK	81 - 83
1982/3	A Simple Electronic Fuse	Lothar Damrow, DC7EP	155 - 157
1983/2	Improved Pin Diode Switch for Transmit / Receive Switching	Jan Martin Noeding, LA8AK	101 - 102
1983/2	Briefly Speaking	Editors	124 - 125
1984/1	A 2400 Hz Generator for Synchronisation of the METEOR Satellites	Editors	29 - 30
1984/2	A Control Circuit with Four Time Steps for Transmit Receive Switching	Gunter Sattler, DJ4LB	91 - 95
1984/4	Satellite News	T Bittan, G3JVQ	251
1985/2	Basic Rules for Self Constructed Equipment	Wolfgang Guenther, DF4UW	66 - 68
1985/2	TDA5660P - A Versatile Modulator Circuit for TV, Video and Sound Signals in the Range 48 to 860 MHz	Siemens	125 - 127
1985/4	Power Amplifiers - How they are Operated	Carsten Vieland, DJ4GC	208 - 212
1986/1	SDA3202 - A New PLL IC for up to 1.5 GHz	Gunter Sattler, DJ4LB	18 - 22
1986/2	Practical Advice on Home Made PCBs	Dr Roland Milker, DL2OM	126
1986/2	Dielectric Resonators	Siemens	126
1986/3	Modifying the FT225RD	Carsten Vieland, DJ4GC	135 - 138
1986/3	Improved Proposals for TEC200 Foil	Dr Roland Milker, DL2OM	189
1986/3	CFY18	Siemens	189
1986/3	GaAsFET S3030	Editors	189
1986/3	Applications Book No 4	J Schuermann, DJ1SK	189
1986/4	4 Digit Intelligent Matrix Display PD3435	Siemens	253
1986/4	New Dual Gate MOS FET Tetrodes BF965 and BF9973	Siemens	250 - 251
1986/4	From 1 k to 256 k Dynamic RAMs	Siemens	252
1986/4	KDI HF Resistors	Microsan	253
1986/4	New Surface Wave Filters for TV-Sat	Siemens	251
1986/4	Universal Low Noise Wideband Amplifier SL560	DG3CAN	252
1987/1	Observations on the YUOB Antenna	Guenter Hoch, DL6WU	59
1987/1	Digital Memory for SSTV, FAX and WEFAX	Editor	59 - 60
1987/1	An A/D - D/A Converter for Video	Dr Eng Jochen Jirmann, DB1NV	60
1987/4	Another Modification to the YU3UMV Picture Memory	W van Driessche, ON6VD	253

Topic**Miscellaneous**

Edition	Title	Author	Pages
1987/4	Modification of the ON6VD and DK3VF Picture Store for SSTV, FAX and WEFAX	W van Driessche, ON6VD	253
1988/2	GrafTrak and Mirage Interface (MTI) - Something Really Good for the Radio Amateur	Klaus Elcel, DC6HY	66 - 74
1988/3	GrafTrak and Mirage Interface (MTI) - Something Really Good for the Radio Amateur, Part 2	Klaus Elcel, DC6HY	171 - 178
1989/1	Morse Code Generator for Microwave Applications	Andrew Bell, GW4JJW	35 - 38
1989/2	Further Improvements to the DJ4LB 002a ATV-TX Audio Section	Armin Meier, DC7MA	103 - 104
1989/2	ATV Sound PLL for the DJ4LB 002a Board	Armin Meier, DC7MA	105 - 107
1989/3	Calculating Antenna Installation Wind Loading	Wolfgang Guenther, DF4UW	138 - 144
1989/3	A Review of an Integrated Radio Amateur Program	Harald Loos, DG7NAM	149 - 156
1989/3	Spectrum Analyser (Modification)	E Berberich, DL8ZX	189
1990/1	Coaxial Ceramic Resonators - Interesting Components for the Frequency Range 1 to 2.4 GHz	Dr Eng Jochen Jirmann, DB1NV	35 - 39
1991/2	Improved Air Cooling for 2C39 Power Amplifiers	Gerhard Schmitt, DJ5AP	89 - 92
1992/1	Incoherent Scatter : Principles and Applications	Dr Volker Grassmann, DF5AI	55 - 60
1992/2	Observation of the Multi Tone Effect	Dr Volker Grassmann, DF5AI	100 - 103
1992/3	Operating Electronic Equipment	Dr Ing Jochen Jirmann, DB1NV	158 - 164
1993/1	High Stability, Low Noise Power Supply	Volker Espel	19 - 37
1993/1	Poor Man's CAE 1 & 2 Public Domain Software Development Programs for the IBM PC	The Editors	58 - 60
1993/2	The Pont-100 FFT Spectrum Analyser (Review)	Mike Wooding, G6IQM	123 - 124
1993/3	Crystal Splitter	Dipl Ing Detlef Burchard	162 - 177
1993/3	CW Call Sign Transmitter	Wolfgang Schneider, DJ8ES	158 - 161
1993/4	Power Supply Unit for Travelling Wave Tubes	Andreas Schaumburg, DF7ZW	194 - 206
1994/1	Lightning and Overvoltage Protection for Radio Equipment	Klaus Peter Muller	24 - 30
1994/2	Readers Forum	Editors	125 - 126
1994/4	Improvements and Changes	Editor	200
1994/4	A Notch Filter for S6 Special Channel	Dr Ing Jochen Jirmann, DB1NV	194 - 196
1995/2	Receiving System Parameter Measurements Using Radio Stars	Hermann Hagn, DK8CI	112 - 122

Topic**Miscellaneous**

Edition	Title	Author	Pages
1995/4	First Amateur Cloud Scatter Beacon in Europe	Francois Craonuer	235 - 239
1995/4	A Simple DC - DC Down Converter for Amateur Radio Applications	Andreas Schaumburg, DF7ZW	231 - 234
1996/1	Filtech Professional - A Review	Michael J Wooding, G6IQM	55 - 61
1997/1	SPLASH - A Review	Michael J Wooding, G6IQM	57 - 61
2000/3	A Simple TNC for Megabit Packet Radio Links	Matjaz Vidmar, S53MV	137 - 151
2000/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	188 - 190
2000/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	252 - 254
2001/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	28 - 29
2001/2	Radio Astronomy Terms Explained	Hermann Hagn, DK8CI	102 - 104
2001/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 127
2001/2	Astronomical Observations at The German Museum, Munich	Hermann Hagn, DK8CI	105 - 107
2001/3	An Improved BSPK Demodulator for the 1.2 Mbit/s Packet Radio RTX	Matjaz Vidmar, S53MV	176 - 188
2001/3	MIMP, Motorolas Impedance Matching Program	Henning Christof Weddig, DK5LV	130 - 138
2001/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	189 - 190
2001/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	252 - 253
2002/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	28 - 29
2002/2	In Memory of Alois Pendl, OE6AP	Eberhard L Smolka, DB7UP	116 - 118
2002/2	International Microwave Handbook	Andy Barter, G8ATD	125
2002/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	126 - 127
2002/3	BALUNs For Microwave Applications Part 1	Winfried Bakalski, DL5MGY	181 - 187
2002/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	188 - 190
2002/3	CW Modulator Using Pin Diodes	Wolfgang Schneider, DJ8ES	176 - 180
2002/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	251 - 253
2002/4	BALUNs For Microwave Applications Part 2	Winfried Bakalski, DL5MGY	203 - 214
2002/4	Problems with Running Puff On Windows 98/ME/XP And How To Eliminate Them	Gunthard Kraus, DG8GB	229 - 231
2003/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	60 - 61
2003/1	A 10.7MHz I.f. probe	E Chicken, MBE, G3BIK	56 - 58
2003/1	Coax cable and connectors	Bernd Bartowiak, DK1VA	52 - 55

Topic**Miscellaneous**

Edition	Title	Author	Pages
2003/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 127
2003/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	188 - 190
2003/4	Internet Treasure Trove	Gunthard Kraus, DG9GB	253 - 254
2003/4	Funny electronic stories	Gunthard Kraus, DG9GB	250 - 251
2003/4	The noble art of the Rheostat	Carl G Lodstrom, KQ6AX, SM6MOM	242 - 249
2004/1	Universal sound card interface for digital modes	Wolfgang Schneider, DJ8ES	7 - 12
2004/1	Letter from Carl Langley about component supply	Carl Langley, G3VGK	58 - 59
2004/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	60 - 61
2004/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 127
2004/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	189 - 191
2004/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	253 - 255
2005/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	28 - 29
2005/2	Transverter adapter for use with ICOM IC735/751	Ulf Kylenefall	80 - 87
2005/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	126 - 127
2005/2	Lightning scatter: a faint and rare mode of propagation	Jean-L. Rault, F6AGR	111 - 120
2005/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	188 - 189
2005/3	Fanco's Finest: MGA62563 ultra low noise amplifier	Franco Rota, I2FHW	182 - 187
2005/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	253 - 255
2006/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	29 - 30
2006/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 127
2006/2	12mm DX in New Zealand, March 2006	Ted Barnes, ZL2IP	124
2006/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	190 - 191
2006/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	253 - 254
2007/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	62 - 63
2007/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	126
2007/3	An IF amplifier with "dB linear" gain control	Henning Christof Weddig, DK5LV	158 - 177
2007/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	190 - 191
2007/4	Practical project: Crystal filter recycling	Gunthard Kraus, DG8GB	215 - 233
2007/4	Introduction to the JavaScript notebook	Andy Barter, G8ATD	242 - 249

Topic**Miscellaneous**

Edition	Title	Author	Pages
2007/4	Sequencer	Bo Hansen, Oz2M	239 - 249
2007/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	253 - 254
2008/1	John's mechanical Gem	John Fielding, ZS5JF	56 - 59
2008/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	62 - 63
2008/1	The AGC module	Henning Christof Weddig, DK5LV	26 - 42
2008/2	From the bit to multi-carrier modulation - basics of digital modulation techniques	Jochen Jirmann, DB1NV	88 - 101
2008/2	SDR - Software Defined Radio	Eberhard L. Smolka, DB7UP	102 - 105
2008/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 126
2008/2	Current digital radio standards similar to FM voice transmission, Part 1	Michael Gabis, R Rudersdorfer	70 - 81
2008/2	John's mechanical Gem No. 2 Marking out	John Fielding, ZS5JF	121 - 124
2008/3	Beacon controller using ATmega32 and Bascom	Wolfgang Schneider, DJ8ES	178 - 186
2008/3	John's mechanical Gem No. 3, semi rigid coax	John Fielding, ZS5JF	187 - 188
2008/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	189 - 191
2008/4	John's mechanical Gem No. 4	John Fielding, ZS5JF	252 - 253
2008/4	Current digital radio standards similar to FM voice transmission,. Part 2	Michael Gabis, R Rudersdorfer	231 - 240
2008/4	Universal GPS clock	Wolfgang Schneider, DJ8ES	210 - 218
2008/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	254 - 255
2009/1	Digital T-R control sequencer	Marty Singer, K7AYP	2 - 20
2009/1	RST Code and S-Meter revisited	Andre Jamet, F9HX	21 - 24
2009/1	John's mechanical Gem No. 5, fitting RF connectors onto panels	John Fielding, ZS5JF	54 - 56
2009/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	61 - 63
2009/2	John's mechanical Gem No. 6, Tapping holes in metal	John Fielding, ZS5JF	118 - 121
2009/2	Ansoft Designer SV project: Using microstrip interdigital capacitors	Gunthard Kraus, DG8GB	78 - 95
2009/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	122 - 123
2009/3	Experimental board for the ATMega128 microcontroller	Wolfgang Schneider, DJ8ES	154 - 131
2009/3	Internet Treasure Trove	Gunthard Kraus, DG8GB	188 - 189
2009/3	John's mechanical Gem No. 7, Antenna element holders	John Fielding, ZS5JF	184 - 187

Topic**Miscellaneous**

Edition	Title	Author	Pages
2009/4	John's mechanical Gem No. 8, Know your metric nuts and bolts	John Fielding, ZS5JF	251 - 253
2009/4	The AGC Module. Continuation from issue 1/2008	Henning C. Weddig, DK5LV	242 - 250
2009/4	Internet Treasure Trove	Gunthard Kraus, DG8GB	254 - 255
2009/4	A Stroll Through Military Communications History	Roy Stevenson	233 - 241
2010/1	RF Power Transformer	Franco Rota, I2FWH	16 - 17
2010/1	Internet Treasure Trove	Gunthard Kraus, DG8GB	61 - 63
2010/1	John's mechanical Gem No. 9, RF Connectors and thread types used	John Fielding, ZS5JF	54 - 58
2010/1	HenryTest review	Andy Barter, G8ATD	9 - 11
2010/1	The AGC Module, Part 3. Continuation from issue 4/2009	Henning C Wddig, DC5LV	42 - 53
2010/1	Connecting up for VHF digital modes	Brian D Williams, GW0GHF	2 - 8
2010/2	John's mechanical Gem No. 10, Attaching hubs to shafts	John Fielding, ZS5JF	120 - 124
2010/2	Internet Treasure Trove	Gunthard Kraus, DG8GB	125 - 126

Topic**Optical Band**

Edition	Title	Author	Pages
2003/1	Amateur use of the optical spectrum (above 300GHz) Part 1	Peter Greil, DL7UHU	14 - 24
2003/1	Laser output meter	Alexander Meier, DG6RBP	42 - 51
2004/1	Amateur use of the optical spectrum, part II	Peter Greil, DL7UHU	39 - 47
2004/4	The noble art of optical communications part 1	Carl Lodstrom, SM6MOM, KQ6AX	194 - 209
2005/1	The noble art of optical communications part 2	Carl Lodstrom, SM6MOM, KQ6AX	2 - 15
2006/1	The Noble Art of measuring optical power	Carl Lodstrom, SM6MOM & KQ6AX	35 - 46

Edition	Title	Author	Pages
1969/2	Variable Frequency Crystal Oscillator (VXO)	K P Timmann, DJ9ZR	87 - 94
1969/4	Automatic Search Oscillator for Two Metre Converter	H Wilhelm, DL8AT	215 - 217
1969/4	A Three Stage VFO for 48.0 to 48.7 MHz	G Hoffschmidt, DL9FX	209 - 214
1970/1	Narrow Band Frequency Modulation of Overtone Crystal Oscillators	E Harmet, OE6TH	28 - 30
1970/1	A 48 MHz VFO for 144 MHz Transmitters	H Matuschek, DJ3MY	31 - 37
1970/1	Frequency Modulation of Crystal Controlled Oscillators by Use of Resistor Diodes	G Damm, DM2WD	25 - 27
1970/4	Synthesis VFO for 24 MHz	R Lentz, DL3WR	205 - 209
1970/4	PC Board for the 2 Crystal Oscillators of the 144-14 MHz MOSFET Converter used in DL6HA SSB Trancvr.	H Kahlert, DL3YKR	201 - 204
1971/1	A Synthesis VFO for 144 - 146 MHz or 135 - 137 MHz	G Bergmann, DJ7JX	44 - 55
1971/1	A 70 cm Transmitter with VXO Exciter	E Berberich, DL8ZX	33 - 39
1971/1	Variable Frequency Operation on 2 Metres Using the VFO of a Shortwave SSB Transmitter	F Boersch, DK1YZ	30 - 32
1972/1	Calculation for Linear VFO	H Schoften, DJ1FO	16 - 19
1972/2	A 200 kHz Receiver for Synchronising 1 MHz Oscillators to the Droitwich Longwave Transmitter	D E Schmitzer, DJ4BG	111 - 118
1972/2	A Wideband Ring Mixer with Schottky Diodes	R Lentz, DL3WR	121 - 124
1972/3	A Crystal Oscillator Module with Three Independent Oscillators	D E Schmitzer, DJ4BG	175 - 179
1972/4	A Stable Crystal Controlled Oscillator in the order of 10 to minus 7 for Frequency/Time Measurement	R Gorl, DL1XX	235 - 240
1973/2	Temperature Compensated Oscillator with Varactor Tuning	T Schad, DJ8ES	116 - 122
1973/3	FM Transceiver with Multichannel Synthesiser, Part 1 : 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	130 - 145
1973/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 3 : The Carrier Oscillator	H J Franke, DK1PN	169 - 170
1973/4	Variable Frequency Oscillator Module for the Modular Receiver System	D E Schmitzer, DJ4BG	241 - 249
1974/2	Phased Locked Oscillator for 144 MHz	J Kestler, DK1OF	114 - 124
1974/3	A 400 Channel Synthesiser for 2 m	J Kestler, DK1OF	130 - 141
1974/4	2160 MHz Local Oscillator for 13 cm Converters	K Hupfer, DJ1EE	246 - 247
1975/1	An SSB Exciter with RF Clipper	J Kestler, DK1OF	2 - 14
1975/1	Using the Phased Locked Oscillator DK1OF 01 for Repeater/Duplex Operation for 1.6 or 0.6 MHz Spacing	H Hanserl, OE5AN	40 - 41

Edition	Title	Author	Pages
1975/2	A Standard Frequency Oscillator with an Accuracy of 10 to minus eight	R Gorl, DL1XX	118 - 126
1975/4	Constant Amplitude SSB - Advantageous or Not ?	R Lentz, DL3WR	203 - 208
1977/3	The AFC Loop - A Simple and Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschmidt, DL9FX	184 - 188
1977/4	A Linear Transverter for 28 MHz - 1296 MHz with Push Pull Mixer	U Beckmenn, DF8OKJ	212 - 220
1977/4	A New Concept for 2 m to 70 cm Transverters	E Berberich, DL8ZX	229 - 232
1978/1	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	18 - 22
1978/2	The ULM 70S - A FM Transceiver for the 70 cm band with Sythesiser	L Sangmeister, DJ7OH	82 - 84
1978/2	Loacal Oscillator for 1268 MHz Matching the Linear Transmit Converter DF8QK 001	U Beckmann, DF8QK	125 - 126
1978/3	Synthesiser for the 2 m band in C-MOS Technology	G Heeke, DC1QW	130 - 144
1978/3	A Frequency Control Loop for a 433 MHz VCO	T Krieg, DK8GY	186 - 190
1978/4	A 1268 MHz Local Oscillator Module for DF8OK 001	U Beckmann, DF9QK	241 - 243
1979/3	Design of Crystal Oscillator Circuits	B Neubig, DK1AG	174 - 190
1979/4	Design of Crystal Oscillator Circuits, Part 2	B Neubig, DK1AG	223 - 237
1980/1	A System for Reception and Display of METEOSAT Images, Part 3 : LO for VHF Receiver	R Tellert, DC3NT	14 - 22
1980/3	SSB on the 10 GHz band, Part 1 : Generation of the Local Oscillator Frequency	G Bors, DB1PM	130 - 138
1980/3	Modern Receive Converter for 70 cm Receiver, 8 Crystal Oscillators around 100 MHz on One Board	M Lass, DJ3VY	148 - 154
1981/2	Low Noise VHF Oscillator with Diode Tuning, Digital Frequency Control and Frequency Indication	M Martin, DJ7VY	66 - 82
1981/3	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	135 - 143
1981/4	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	194 - 203
1982/2	A VXO Local Oscillator for 144 MHz Transceivers	Klaus Schoepf, DB3TB	84 - 88
1984/4	PLL Oscillators with Delay Lines, Part 1 : Fundamentals	Joachim Kestler, DK1OF	211 - 220
1985/1	PLL Oscillators with Delay Lines, Part 2 : A Shortwave VFO from 5 to 6 MHz	Joachim Kestler, DK1OF	46 - 54
1985/2	PLL Oscillators with Delay Lines, Part 3 : Oscillator Module for the 2 Metre band	Joachim Kestler, DK1OF	112 - 120
1985/3	PLL Oscillators with Delay Lines, Part 4 : Carrier Noise Sidebands	Joachim Kestler, DK1OF	138 - 140
1985/3	A Stable Crystal Controlled Source for 10.37 GHz	Jochen Jirmann, DB1NV	146 - 152

Edition	Title	Author	Pages
1985/4	SSB Mini Transverter 144 / 1296 MHz	Konrad Hupfer, DJ1EE	232 - 240
1986/1	SDA 3202 - A New PLL IC for up to 1.5 GHz	Gunter Sattler, DJ4LB	18 - 22
1986/4	Voltage Controlled Tuned Wideband Oscillator	Jochen Jirmann, DB1NV	214 - 221
2003/2	VCXOs with wide pull-in range using alternatives to quartz	Bernd Neubig, DK1AG	66 - 70
2003/2	Synthesisers	Prof. Gisbert Glasmachers	107 - 118
2003/2	Multiplication, division and addition of a 10MHz source to get a synthesised VHF signal	Andre Jamet, F9HX	119 - 124
2004/4	A simple approach to YIG oscillators	Bernd Kaa, DG4RBF	217 - 224
2005/1	DDS oscillator for QRP experiments on short wave and 6m band	Wolfgang Schneider, DJ8ES	44 - 52
2005/2	A modern technique for microwave oscillator generation Part 1	Sigurd Werner, DL9MFV	66 - 75
2005/2	Solution for stable and precise microwave frequency generation	Andre Jamet, F9HX	76 - 79
2005/3	Simple PLL oscillator for receivers with 45MHz intermediate frequency	Peter Artl, DG4EAY	130 - 139
2005/3	Universal PLL oscillator module	Alexander Meier, DG6RBP	156 - 163
2006/2	Down Converter for YIG oscillators (10MHz to 2GHz)	Alexander Meier, DG6RBP	66 - 71
2006/4	VCOs as a replacement for YIG oscillators in the 2 to 4GHz range	Wolfgang Schneider, DJ8ES	194 - 197
2007/2	A GPS controlled frequency standard	Zeljko Bozic	109 - 125
2007/2	Basics of YIG oscillators and a YIG driver example	Alexander Meier, DG6RBP	66 - 76
2007/4	Using DDS aliasing to extend its frequency range	Andre Jamet, F9HX	234 - 238
2008/3	The harmful effects of local oscillator noise	Andre Jamet, F9HX	130 - 139
2008/3	GPS-LCD, an add on to the GPS disciplined oscillator	Primoz Lemut, S53KS	160 - 165
2008/4	DDS RF signal generator	Matjaz Vidmar, S53MV	196 - 208
2009/2	DDS using the AD9951	Henning C. Weddig, DK5LV	104 - 117
2009/4	DFS for microwave beacons, Direct frequency synthesis with auxilliary oscillator	Andre Jamet, F8HX	194 - 202
2010/2	CTCSS Oscillator	Antonio Iuliano, IZ1ANS	116 - 119

Topic **Power Supplies**

Edition	Title	Author	Pages
1969/2	A 12 / 24 v DC - DC converter	K P Timmann, DJ9ZR	83 - 84
1970/2	Stable Reference Voltages	H J Franke, DK1PN	76 - 86
1970/3	Electronically Stabalised Power Supply with DC - DC Converter	K P Timmann, DJ9ZR	179 - 185
1971/2	Universal Power Supply Using an Integrated DC Voltage Stabaliser	H J Franke, DK1PN	121 - 126
1972/1	An Integrated AF Amplifier and Voltage Stabaliser	D E Schmitzer, DJ4BG	34 - 39
1972/2	A 12 W DC - DC Converter for 12 V / 28 V	H J Franke,DK1PN	107 - 110
1974/3	Integrated 5 V Voltage Stabaliser for 1 A	U Tilimann, DJ5UO	174 - 176
1977/2	A Coaxial Line Power Amplifier for 70 cm Equiped with the 4CX250B	W Rahe, DC8NR	71 - 84
1978/2	A 400 W Power Amplifier for 145 MHz Equipped with the 4CX250	J Kestler, DK1OF	100 - 113
1979/1	A Power Supply for 9 to 15 v / 25 A	H Liers, DB7ES	54 - 60
1979/4	Using Silicon Solar Cells for Construction of Solar Batteries for Portable Operation	Editors	251 - 253
1985/2	Switched Mode Power Supplies (SMPS), Part 1 : Basic Theory	Jochen Jirmann, DB1NV	79 - 93
1985/2	A 12 Volt Mobile Switched Mode Power Supply (SMPS), Part 2	Jochen Jirmann, DB1NV	94 - 99
1985/3	GaAs-FET Inter Locked Dual Polarity Power Supplies for Portable Use	Horst Burfeindt, DC9XG	141 - 145
1985/3	A 12 Volt Mobile Switched Mode Power Supply (SMPS), Part 3	Jochen Jirmann, DB1NV	161 - 168
1985/4	A Microcomputer for Radio Amateurs	Jochen Jirmann, DB1NV	252 - 254
1986/2	Microcomputer Systems, Part 1 : Switched Mode Power Supply (SMPS)	Jochen Jirmann, DB1NV	108 - 120
1988/1	A 12 Volt to 12 Volt Converter	Jochen Jirmann, DB1NV	19 - 25
1988/4	A Stabalised Power Supply for Valved PA's	Wilfried Hercher, DL8MX	246 - 251
1989/3	Using Solar Cells to Supply an Amateur Radio Station	Andreas Schaumburg, DF7ZW	145 - 148
1989/4	Shunt Protected Power Supply	Roy Hartkopf, VK3AOH	247 - 248
1993/1	High Stability Low Noise Power Supply	Volker Espel	19 - 37
1993/4	Power Supply Unit for Travelling Wave Tubes	Andreas Schaumburg, DF7ZW	194 - 206
2000/3	Suplement to Article on 5.7 GHz ATV Converter	Helmut Neidel, DL1IN	186 - 187

Topic **Shortwave & IF Modules**

Edition	Title	Author	Pages
1969/3	A 9 MHz IF - AF Portion Using Integrated Circuits	K P Timmann, DJ9ZR	158 - 159
1969/3	A 9 MHz IF - AF Portion Using Integrated Circuits	K P Timmann, DJ9ZR	136 - 150
1970/1	An IF Diplexer (28 - 30 MHz)	E Reitz, DJ9JT	56 - 57
1970/1	Cascode IF Stages	D E Schmitzer, DJ4BG	58 - 59
1970/2	Correction to the 9 MHz IF - AF Module DJ9ZR 005	G Strossner, DJ2VN	124 - 126
1970/2	An SSB Transceiver with Silicon Transistors Complement, Part 2 : The 9 MHz Transceiver	G Laufs, DL6HA	65 - 75
1970/2	A Digital Discriminator Accessory for FM Demodulation	D E Schmitzer, DJ4BG	105 - 110
1970/3	Modifications for the S Meter and Control Voltage Circuits in the 9 MHz Portion of DL6HA Transceiver	G Laufs, DL6HA	187 - 188
1970/3	Experiments with a Crystal Discriminator	D E Schmitzer, DJ4BG	147 - 152
1970/3	An SSB Transceiver with Silicon Transistor Complement, Part 3 9 MHz / 14 MHz Transmit Receive Conv.	G Laufs, DL6HA	129 - 146
1970/4	An SSB Transceiver with Silicon Transistor Complement, Part 4 : Power Supply and AF Amplifier	G Laufs, DL6HA	193 - 200
1971/4	A Digital Calibration Spectrum Generator	D E Schmitzer, DJ4BG	194 - 205
1972/1	A 9 MHz IF Module for Frequency Modulation	D E Schmitzer, DJ4BG	40 - 45
1972/2	A 50 MHz Transverter by Modification of Receive Converter DL6HA 001 and Transmit Converter DL6HA 005	R Eide, W0ENG	103 - 106
1972/4	An Integrated Receiver System for AM, FM, SSB and CW	H J Franke, DK1PN	212 - 215
1973/1	A Shortwave Receiver Module for Use with VHF Converters or for Direct Reception	D E Schmitzer, DJ4BG	24 - 32
1973/1	An Integrated Receiver System for AM, FM, SSB and CW, Development Report	H J Franke, DK1PN	46
1973/1	An Integrated Receiver System for AM, FM, SSB and CW, Part 2 ; The SSB IF Portion	H J Franke, DK1PN	47 - 53
1973/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 3 : The Carrier Oscillator	H J Franke, DK1PN	169 - 170
1973/3	FM Transceiver with Multichannel Synthesiser, Part 1 : 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	130 - 145
1973/4	An Integrated Receiver System for AM, FM, SSB and CW, Part 4 : AF Amplifier and CW Filter	H J Franke, DK1PN	208 - 211
1973/4	An Integrated Receiver System for AM, FM, SSB and CW, Part 5 : Input Module and FM Portion	H J Franke, DK1PN	212 - 219
1974/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 7 : The AM Portion	H J Franke, DK1PN	156 - 160

Topic **Shortwave & IF Modules**

Edition	Title	Author	Pages
1974/3	An Integrated Receiver System for AM, FM, SSB and CW, Part 8 : The System Board	H J Franke, DK1PN	161 - 167
1974/4	Product Detector and Crystal Oscillators for the Modular Receiver	D E Schmitzer, DJ4BG	215 - 219
1974/4	A System Board for the TEKO Modules	D E Schmitzer, DJ4BG	220 - 229
1975/1	SSB / CX IF Module and AGC Circuit	D E Schmitzer, DJ4BG	34 - 39
1975/1	An SSB Exciter with RF Clipper	J Kestler, DK1OF	2 - 14
1976/2	Ten Meter Version of the DC6HL Transceiver	K Ochs, DJ6BU	95 - 99
1976/3	A Universal Converter for HF and VHF	J Kestler, DK1OF	159 - 174
1977/1	Interesting Linear Integrated Circuits	D E Schmitzer, DJ4BG	44 - 51
1978/4	A Modern Receive Converter for 2 m Receivers, Having a Large Dynamic Range and Low Intermodulation	M Martin, DJ7VY	218 - 229
1980/1	A Noise Blanker for Large Signal Conditions for SW and VHF Receivers Having Large Dynamic Range, Pt1	M Martin, DJ7VY	36 - 45
1980/2	A Noise Blanker for Large Signal Conditions for SW and VHF Receivers Having Large Dynamic Range, Pt2	M Martin, DJ7VY	96 - 106
1981/4	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 1	F Krug, DJ3RV	244 - 250
1982/1	A Wideband Driver for the Shortwave bands	Michael Martin, DJ7VY	13 - 18
1982/2	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 2	Friedrich Krug, DJ3RV	112 - 124
1982/3	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 3	Friedrich Krug, DJ3RV	172 - 189
1982/4	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 4	Friedrich Krug, DJ3RV	239 - 252
1983/1	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 5	Friedrich Krug, DJ3RV	49 - 60
1983/2	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 6	Friedrich Krug, DJ3RV	103 - 111
1985/1	PLL Oscillator with Delay Lines, Part 2 : A Shortwave VFO from 5 to 6 MHz	Joachim Kestler, DK1OF	46 - 54
1987/1	A 10 kHz - 30 MHz Receiver Front End Part 1	Joachim Kestler, DK1OF	13 - 26
1987/2	A 10 kHz - 30 MHz Receiver Front End Part 2	Joachim Kestler, DK1OF	99 - 106
1987/3	Broadband HF Power Amplifiers	Andreas Schaumburg, DF7ZW	141 - 149
1988/3	Short Wave Pre Selector Amplifier	Wolfgang Guenther, DF4UW	181 - 185
1990/1	Shortwave Reception Based on Thirties Principles, Part 1	Dipl Eng Detlef Burcard	23 - 30

Topic **Shortwave & IF Modules**

Edition	Title	Author	Pages
1990/2	Shortwave Reception Based on Thirties Principles, Part 2	Dipl Eng Detlef Burcard	70 - 76
1990/4	A Short Wave Receiver PLL	Dipl Eng Detlef Burcard	230 - 243

Topic**TV Satellite Reception**

Edition	Title	Author	Pages
1986/4	TV Satellite Receiving System, Part 1 : Low Noise 11 GHz Down Converter	Matjaz Vidmar, YT3MV	194 - 213
1987/1	TV Satellite Receive System, Part 2 : Indoor Unit	Matjaz Vidmar, YT3MV	35 - 56
1988/2	Receiving Converter for 4 GHz band Satellite	Matjaz Vidmar, YT3MV	103 - 110
1990/1	SAT-X Receiver for the Satellite IF band 900 - 1700 MHz	M Salewski, DC9DO	10 - 22

Topic	Weather Satellite Reception
--------------	------------------------------------

Edition	Title	Author	Pages
1972/3	Modifying the DLHA 001/28 Dual Gate MOSFET Converter for Reception of Weather Satellites	T Bittan, G3JVQ	167 - 168
1978/3	Reception of the METEOSAT Weather Satellite	T Bittan, G3JVQ	169 - 172
1978/4	More Details on Reception of the European Weather Satellite METEOSAT	R Lentz, DL3WR	230 - 240
1979/3	A System for Reception and Display of METEOSAT Images, Part 1	R Tellert, DC3NT	130 - 140
1979/4	A System for Reception and Display of METEOSAT Images, Part 2	R Tellert, DC3NT	194 - 202
1980/1	A System for Reception and Display of METEOSAT Images, Part 3	R Tellert, DC3NT	14 - 22
1980/2	A System for Reception and Display of METEOSAT Images, Part 4	R Tellert, DC3NT	73 - 87
1980/3	A System for Reception and Display of METEOSAT Images, Part 5	R Tellert, DC3NT	169 - 178
1980/4	A Simple Converter for Reception of Weather Satellites in Conjunction with 2 m FM Receivers	H Kulmus, DJ8UZ	211 - 214
1980/4	A System for Reception and Display of METEOSAT Images, Part 6	R Tellert, DC3NT	194 - 210
1981/1	A System for Reception and Display of METEOSAT Images, Part 7	R Tellert, DC3NT	43 - 50
1981/2	A System for Reception and Display of METEOSAT Images, Part 8 : The Control Module for CRT	R Tellert, DC3NT	110 - 118
1981/3	A System for Reception and Display of METEOSAT Images, Part 9 : CR Tube with X & Y Amp and EHT	R Tellert, DC3NT	152 - 166
1981/4	A Receive Converter for Geostationary Weather Satellites METEOSAT, GOES, GMS, Part 1 The SHF Module	B Roessle, DJ1JZ	207 - 213
1981/4	Antennas for Reception of Orbiting Weather Satellites in the 137 MHz band	T Bittan, G3JVQ	214 - 218
1981/4	Forecast the Reception Times of Orbiting Satellites	T Bittan, G3JVQ	219 - 220
1982/1	A Receive Converter for Geostationary Weather Satellites METEOSAT, GOES, GMS, Part 2 The LO Module	Benno Rossle, DJ1JZ	24 - 30
1982/4	A Digital Storage and Scan Converter for Weather Satellite Images, Part 1	Matjaz Vidmar, YU3UMV	194 - 208
1983/1	A Digital Storage and Scan Converter for Weather Satellite Images, Part 2	Matjaz Vidmar, YU3UMV	12 - 25
1983/2	A Digital Storage and Scan Converter for Weather Satellite Images, Part 3 : Synthetic Colour Module	Matjaz Vidmar, YU3UMV	84 - 90
1983/2	Preliminary Experience with the Digital Storage Module described by YU3UMV	Editors	91 - 92
1984/2	The GOES Series of Geostationary Weather Satellites	Terry Bittan, G3JVQ	81 - 88

Topic **Weather Satellite Reception**

Edition	Title	Author	Pages
1984/3	A Low Noise Preamplifier for Weather Satellites Reception at 1.7 GHz	Losef Grimm, DJ6PI	130 - 136
1985/1	A Low Noise METEOSAT Converter with GaAsFET Preamplifier and Mixer Stage	Bernd Bartkowiak, DK1VA	8 - 16
1985/1	A Digital Multiple Image Storage for Weather Satellite Images	Harald Hufenbecher, DL6NAD	17 - 30
1985/1	Colour Module with Composite Output for Weather Satellite Images	Editors	35
1986/1	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	53 - 63
1987/3	PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	168 - 174
1988/1	Receiving METEOSAT with Yagis	Andreas Schaumburg, DF7ZW	15 - 18
1988/3	Timer / Zoom Unit for the YU3UMV / DL6NAD Image Store	Klaus Gottwaldt	147 - 151
1988/3	A Digital Multi Image Storage for WEFAX Images, Part 2	Harald Hufenbecher, DL6NA	152 - 157
1988/3	More on the PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	179 - 180
1989/3	Digital Signal Processing Techniques for Radio Amateurs, Part 4a : Application Software	Matjaz Vidmar, YT3MV	130 - 137
1989/4	Digital Signal Processing Techniques for Radio Amateurs, Part 4b : Application Software	Matjaz Vidmar, YT3MV	216 - 227
1990/1	Compact METEOSAT Converter	Martin Althaus, DF9DA	53 - 59
1990/1	Control Circuits for the METEOSAT Multiple Picture Store	Joop Kuijntjes, PA2JOK	44 - 52
1990/2	Compact Weather Satellite FM Receiver	Martin Althaus, DF9DA	77 - 84
1990/2	Stacked Loop Yagi Antenna for METEOSAT Reception	A E Chicken, G3BIK	85 - 98
1992/2	Digitally Transmitted Weather Satellite Images	Robert R Lentz, DL3WR	107 - 118
1993/2	A Simple Panorama Add On for Weather Satellite Receivers	Dr Freek M Schimmel	74 - 79
1993/4	Observation of Scintillations While Receiving METEOSAT	Detlef Burchard	231 - 236
1997/3	NOAA HRPT Receiver	Matjaz Vidmar, S53MV	130 - 151
1999/2	Microprocessor Controlled FM Receiver for Weather Satellites, Part 1	Gerald Dullberg, DL8DAQ	117 - 124
1999/3	Microprocessor Controlled FM Receiver for Weather Satellites, Part 2	Gerald Dullberg, DL8DAQ	166 - 176
1999/4	Simple METEOSAT Reception, Part 1 : The Downconverter	Radek Vaclavik, OK2XDX	196 - 207
1999/4	Simple METEOSAT Reception, Part 2 : a Simple Mini Receiver	Radek Vaclavik, OK2XDX	208 - 217

Topic **Weather Satellite Reception**

Edition	Title	Author	Pages
2000/4	A Quadrifilar Helix Antenna for Orbiting Weather Satellites	Dipl. Ing. D Burchard	201 - 214
2002/3	FM Receiver For 137 - 141MHz	Miroslav Gola, OK2UGS	130 - 150