

Contents / Inhalt 2021

Reports (Technique, Operation Technique, Propagation, Software)

A Tool to look at the Feeding of Parabolic Dish Antennas	J. Köppen, DF3GJ	I/8
SSB and DATV on 10GHz with the Adalm Pluto™	C. Durbridge, G4EML, W. Kuneth, OE8FNK	I/18
Entry Level CW/FM 10 GHz SDR Station	J. Petrich, W7FU	I/25
Environmental Noise Models and Design of Low Noise Antennas in VHF to SHF Bands (Part 1)	M. Bourdon, F6DZK	I/30
Bridging the Terahertz Gap at 30 THz	A. Anderson, VK3CV	I/55
10 GHz Terrestrial with Q65	R. Moncur, VK7MO, et al.	I/64
Agile Sources based on the ADF5355 Microwave	H. Wagemans, ON4CDU &	
Wideband Synthesiser with Integrated VCO	C. Huygens, ON4IY	I/71
Increasing Side Suppression with Loop Fed Directional Antennas	J. Johnson, G0KSC	I/99
ADE - Axially Displaced Ellipse - Reflector Antenna	S. Ricci, I0LVA	I/108
A 1296 MHz Low Noise Yagi with a Bent Dipole	DG7YBN with ZS6JON	II/8
Applied Conversion of Segmented Wires from NEC2 to 1296 MHz Yagi Elements	H. Klüver, DG7YBN with ZS6JON & SQ5ESM	II/18
Environmental noise models and design of low noise antennas - Pt. 2	M. Bourdon, F6DZK	II/44
A 5el OP-DES Yagi for the 8m band and real-world translation....	J. Johnson, G0KSC	II/72
10 GHz Terrestrial with Q65 - Part 2	R. Moncur, VK7MO	II/96
Sporadic-E Summary 2020 – 144 MHz	J. Kraft, DL8HCZ	II/99
Deep Reflector Prime-Focus Feed for Space Communication	R. Galuscak, OM6AA, et al	III/8
Universal Sequencer with Coaxial Relay Drive	D. Uppström, SM6VFZ	III/21
Visualizing Microwaves	P. Wade, W1GHZ	III/28
A High Gain Dual Polarized and Low Noise Disk-Yagi Antenna for the 23 cm Band - Part 1: Antenna Construction	J-M. Briussel, F6ETU & M. Bourdon F6DZK	III/45
Corrosion Mechanisms of Yagi Antenna Parts	Ebba Klüver	III/55
TotalPower: RF noise measurements using a low cost RTL-SDR dongle	M. A. Natali, I0NAA	III/67
Simulation of Large Antenna Arrays Using MMANA-GAL Pro	M. Hornsteiner, DG4MHM	III/86
Noise from the Moon	J. Köppen, DF3GJ	III/100
A 12 GHz 1/8 Prescaler	G. Hoffmann, DK4XP	IV/8
A Closer Look at Filling Factors	J. Köppen, DF3GJ	IV/15
Daily Microwave Propagation Index for Central Europe	C. Neie, DL7QY	IV/29
A High Gain Dual Polarized and Low Noise Disk-Yagi Antenna for the 23 cm Band - Part 2: Electromagnetic Design	J-M. Briussel, F6ETU & M. Bourdon F6DZK	IV/35
More is not always more:		
Notes on Sunspots and HF Propagation	N. Schiffhauer, DK8OK	IV/61
What about errors in measurements with directional couplers?	D. Fedorov, UA3AVR	IV/73
10 GHz Aircraft Scatter with Q65	R. Moncur, VK7MO & R. Rehr, W3SZ	IV/98

News, Activity Reports, Expedition Reports, Contests etc.

REF/DUBUS EME Contest 2020 - Results	I/126
New IARU R1 Distance Record on the 241 GHz Band	II/125
Sporadic-E Summary 2020 – 144 MHz – Correction / Addendum	III/129
Solar Cycle 24 Report, 2/4/8/11/2021 by Jim Kennedy K6MIO	I/120, II/127, III/125, IV/125
Aurora News	I/118, III/121, IV/120
Tropo News	I/121, III/119, IV/115
News & Comments	I/128, II/128, III/127, IV/126
VHF Australia & New Zealand	I/125
Microwave Europe	I/123, II/122, III/113, IV/105
Microwave Japan	I/121, II/126, III/118, IV/114
Microwave North America	II/124, III/117, IV/112
4m & 6m & 8m News	I/128, II/128, III/127, IV/126

DUBUS contents files for the years 2003 to 2021 are available as PDF on www.DUBUS.org