



# 550-650 MHz Vertical transmitter antenna F7- DVB

107497, Moscow Chernicinsky pr-d 7/1  
Tel.: (495) 775-43-19,462-44-14  
Tel./fax: 462-44-14  
E-mail: radial@radial.ru  
www.radial.ru



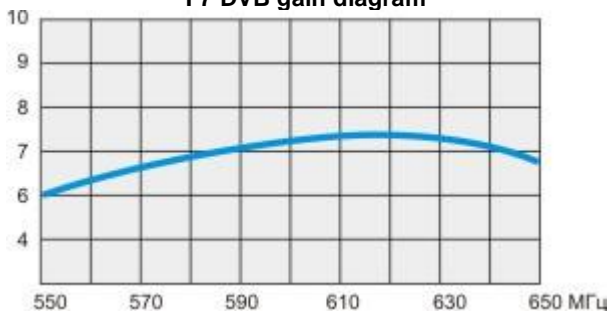
### Electrical specifications

Model	F7-DVB
Operating frequency band, Mhz	550-650
Operating channels	31-41
Gain,dBi	6.8-7.1
VSWR, not more than	1.5
Polarization	vertical
Max. power input, W	400
H-plane beamwidth	360°
E-plane beamwidth	20°
Impedance, Ohm	50
Lightning protection	DC grounded

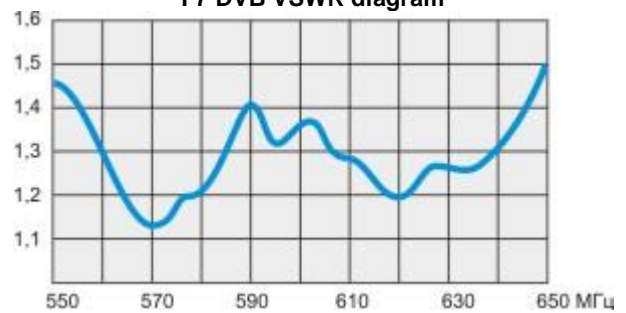
### Mechanical specifications

Model	F7-DVB
Dimensions (LxWxH), mm	1700x110x110
Weight, kg	6.2
Rated wind velocity, m/s	40
Radiator	brass
Radome	white fiberglass
Mounting	On a mast 70-110 mm
Connector	N-female (7/16 DIN optional)

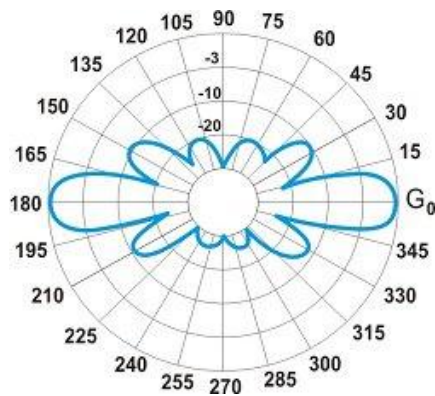
**F7 DVB gain diagram**



**F7 DVB VSWR diagram**



**F7 DVB E-plane pattern**



**F7 DVB H-plane pattern**

