
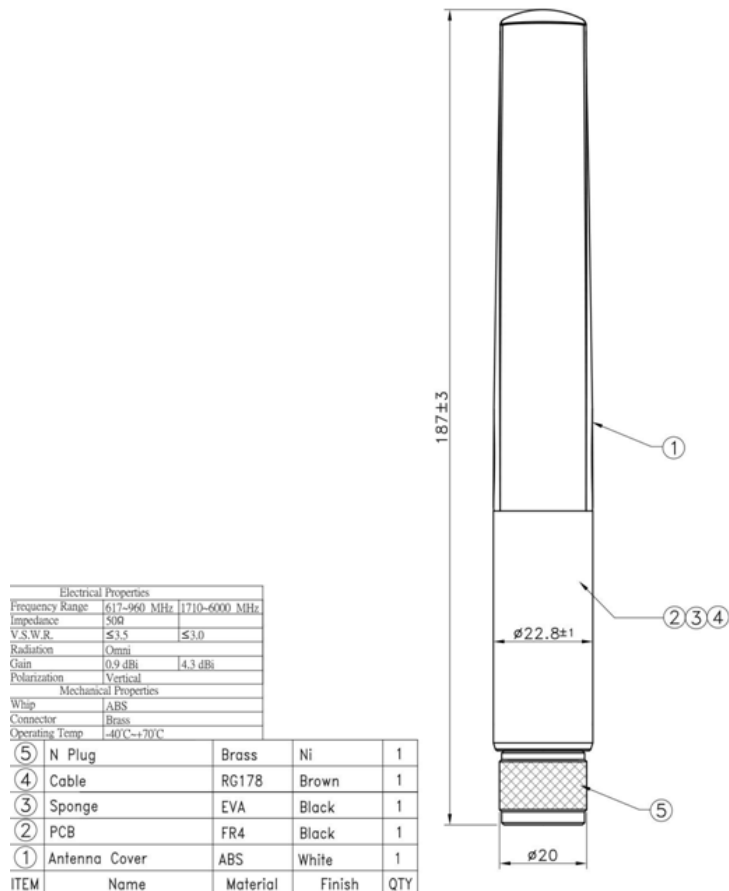


615-960/1710-6000 MHz Multi Band Omni Antenna

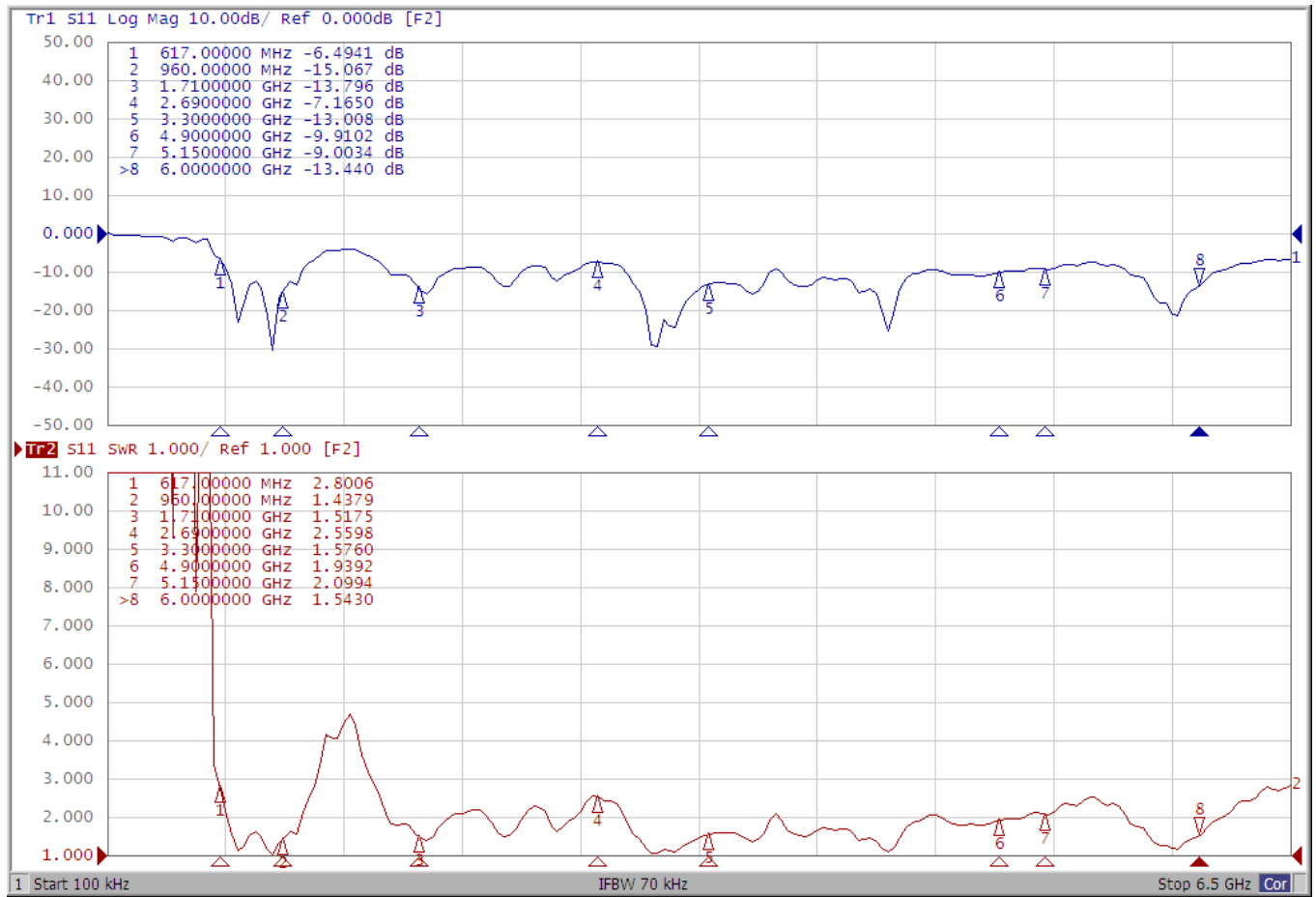
Model: TSW51-N-W

Item		Schematic Diagram
Frequency Range	617-960 / 1710-6000MHz	
V.S.W.R	< 3.5	
Impedance	50 OHM	
Type of Radiation	Omni-directional	
Polarization	Vertical	
Gain	<0.9dBi @617-960MHz <4.3dBi @1710-6000MHz	
Connector	N Male Brass Whip Material: ABS	
Size	187x22mm	
Operating Temperature Range	-40°C to + 70°C	

Product Drawing :



TEST- VSWR S11



ANTENNA EFFICIENCY

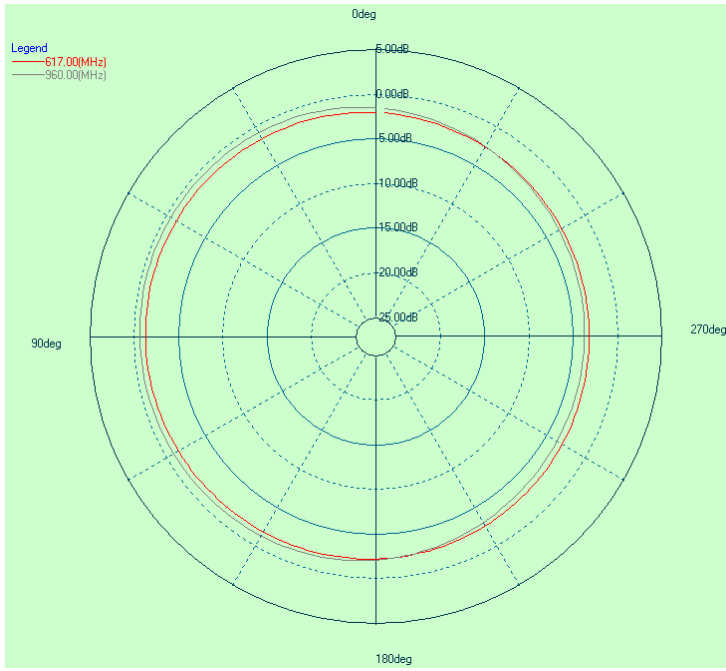
(MHz)	Peak gain (dBi)	Efficiency (%)
617	-1.19	38
960	0.10	50
1710	0.82	59
2690	0.12	41
3300	0.93	61
4900	3.37	45
5150	4.00	49
6000	4.33	60

ANTENNA PATTERNS

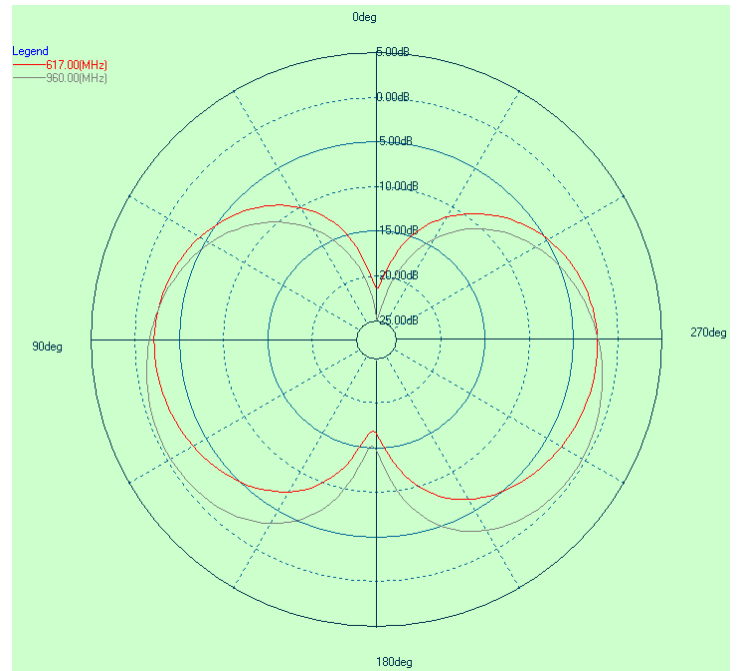
2D Radiation Pattern

617.960 MHz

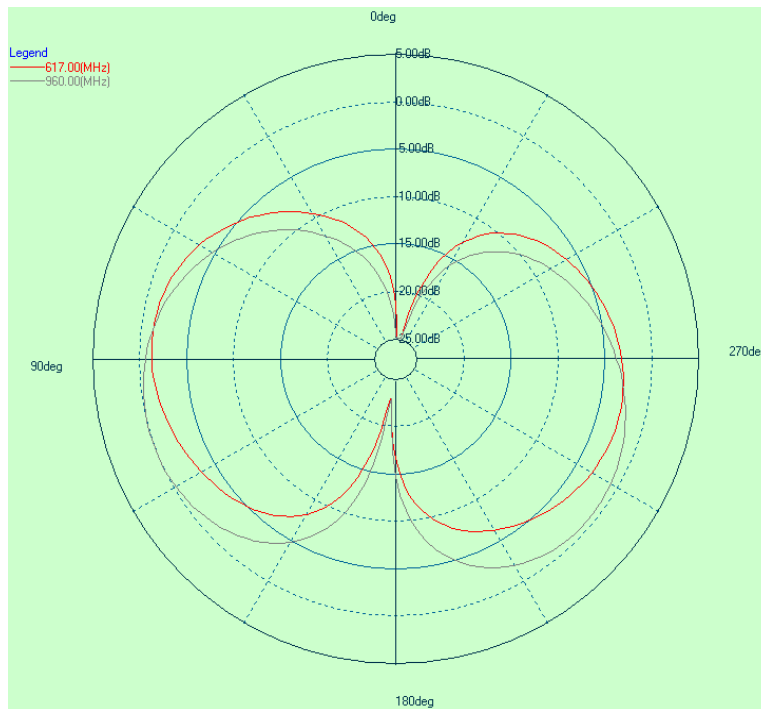
XY Plane



XZ Plane



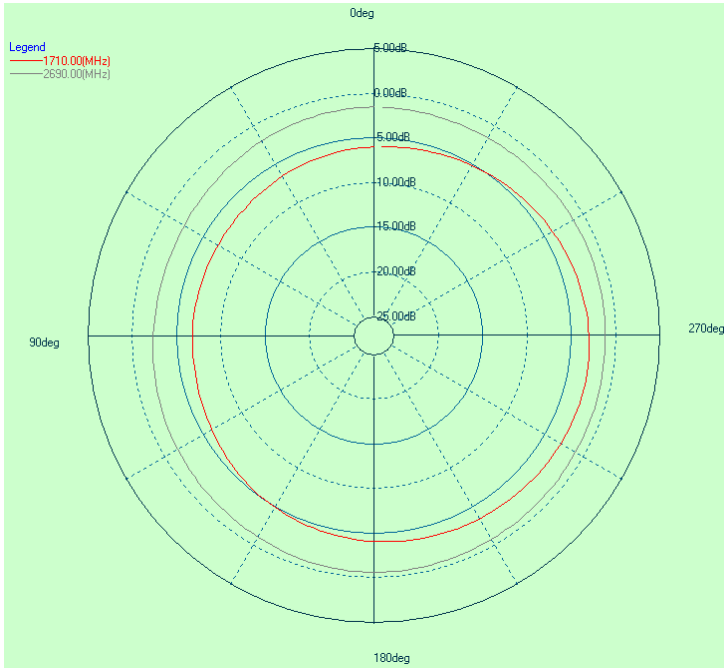
YZ Plane



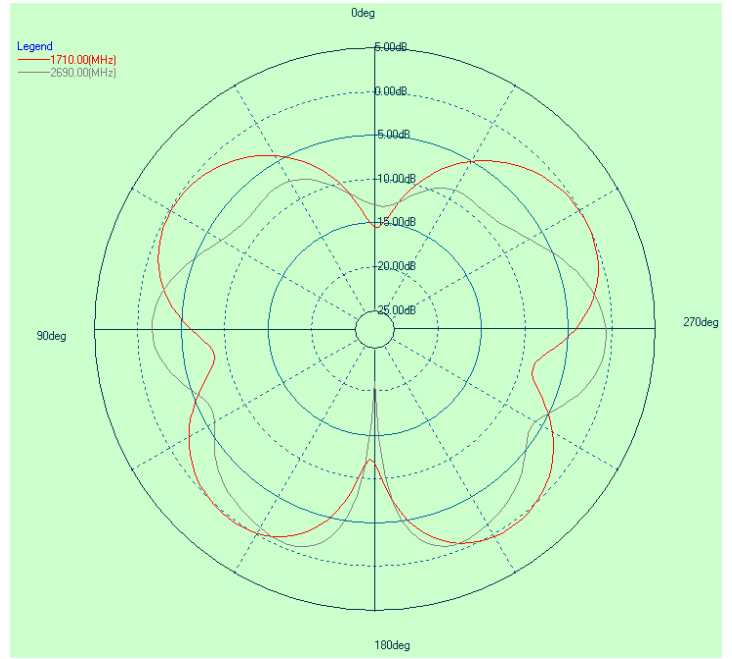
2D Radiation Pattern

1710. 2690 MHz

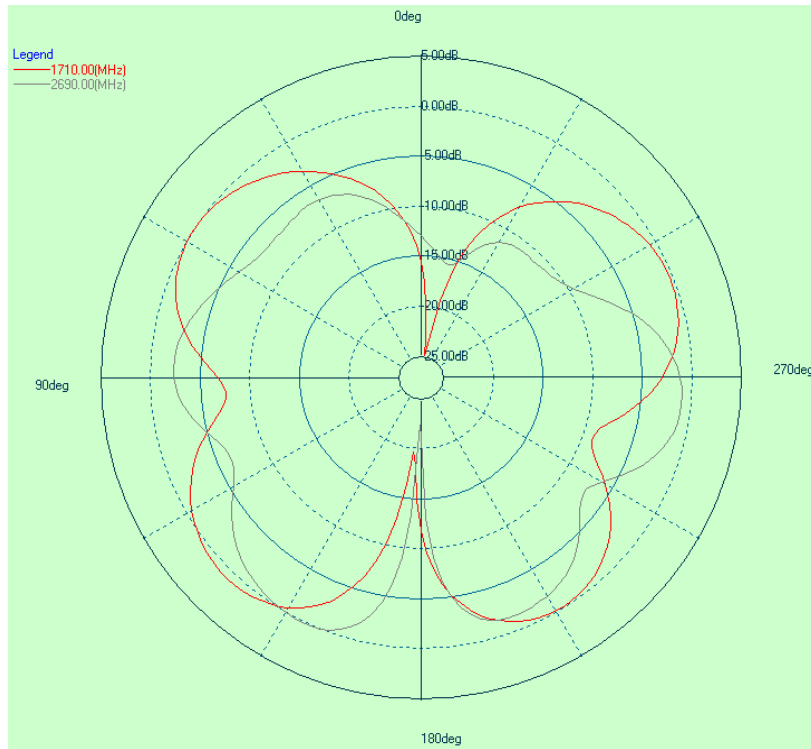
XY Plane



XZ Plane



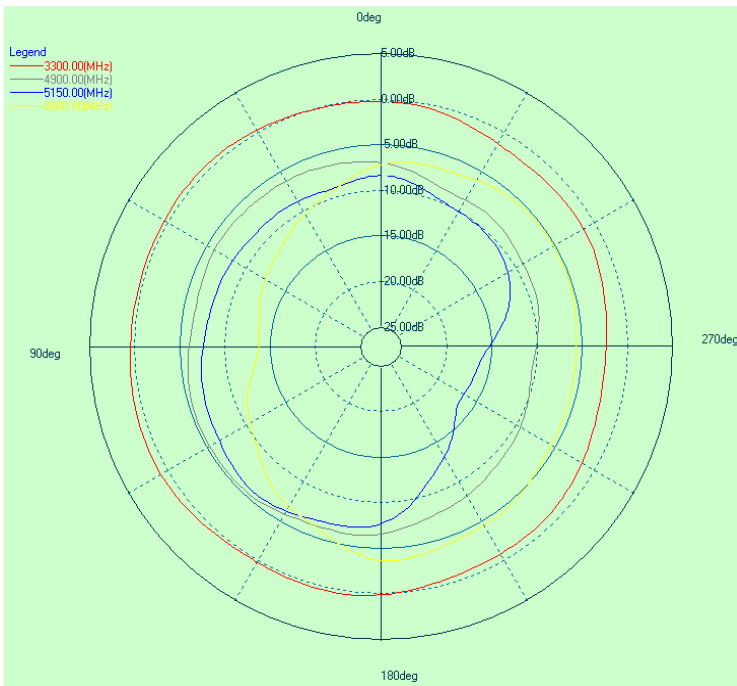
YZ Plane



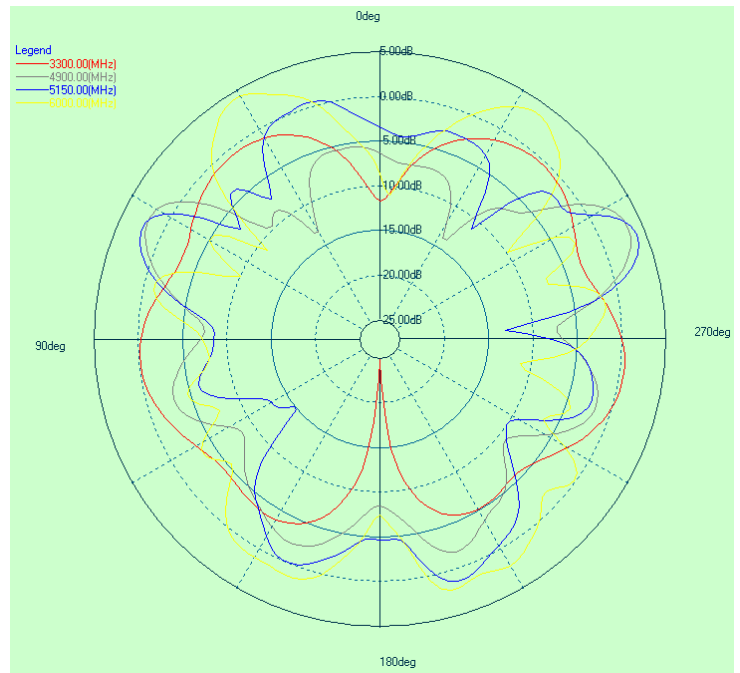
2D Radiation Pattern

3300. 4900. 5150. 6000 MHz

XY Plane



XZ Plane



YZ Plane

