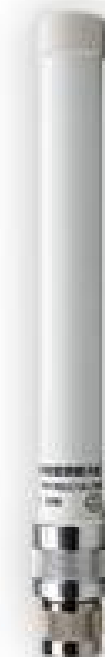


Features

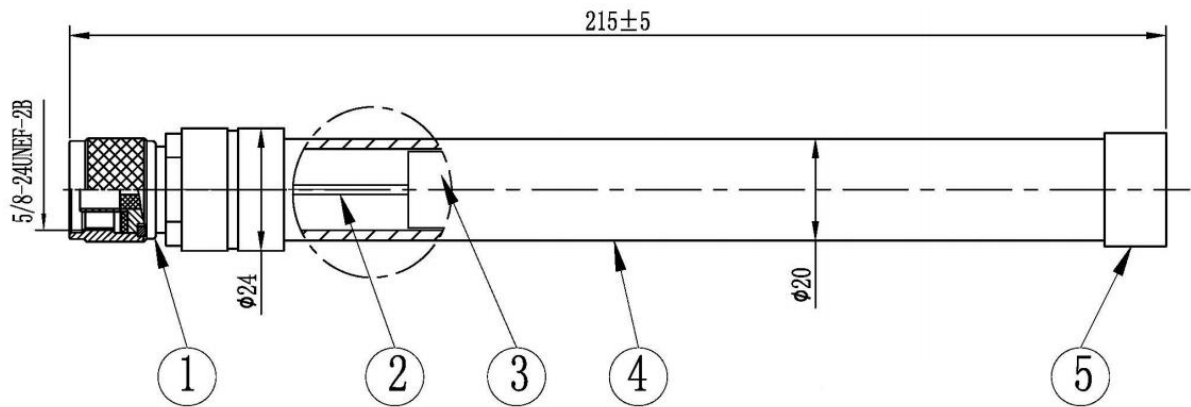
- 698~960MHz/1710~2690MHz
- Vertically polarized monopole
- 3dBi Max Gain
- High efficiency

Specifications

Frequency (MHz)	698~960MHz/1710~2690MHz
Gain (dBi)	3
VSWR	≤ 3.0
Efficiency	60%
Beamwidth	360°
Impedance (Ohms)	50Ω
Polarization	Vertical
Max Input Power	20W
Radome Body	White Fiber glass
Connector	N-Type Male
Dimensions (mm)	Φ 20×215mm
Operation Temp (°C)	-40°C ~ +85°C



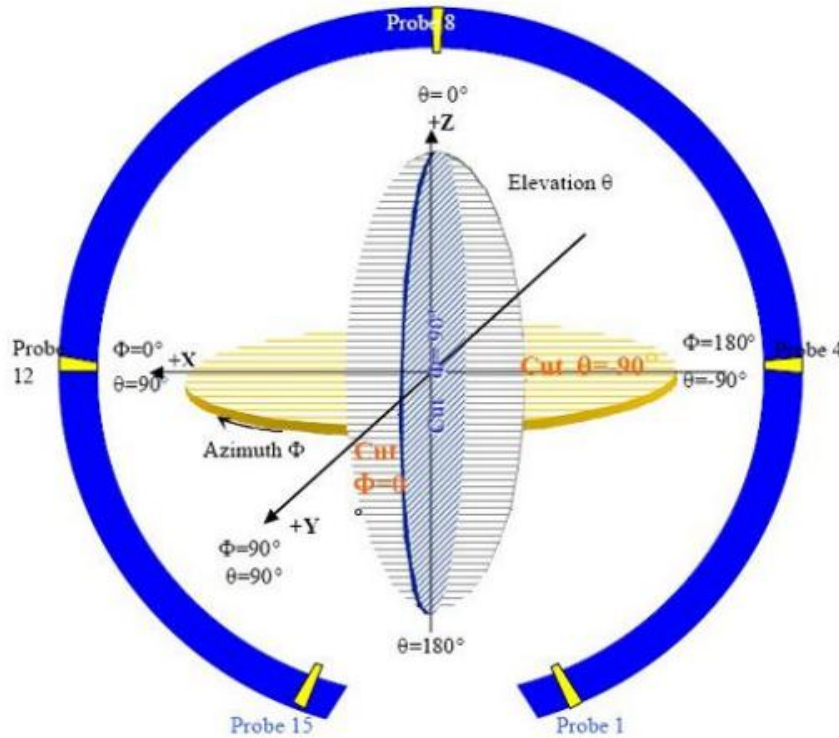
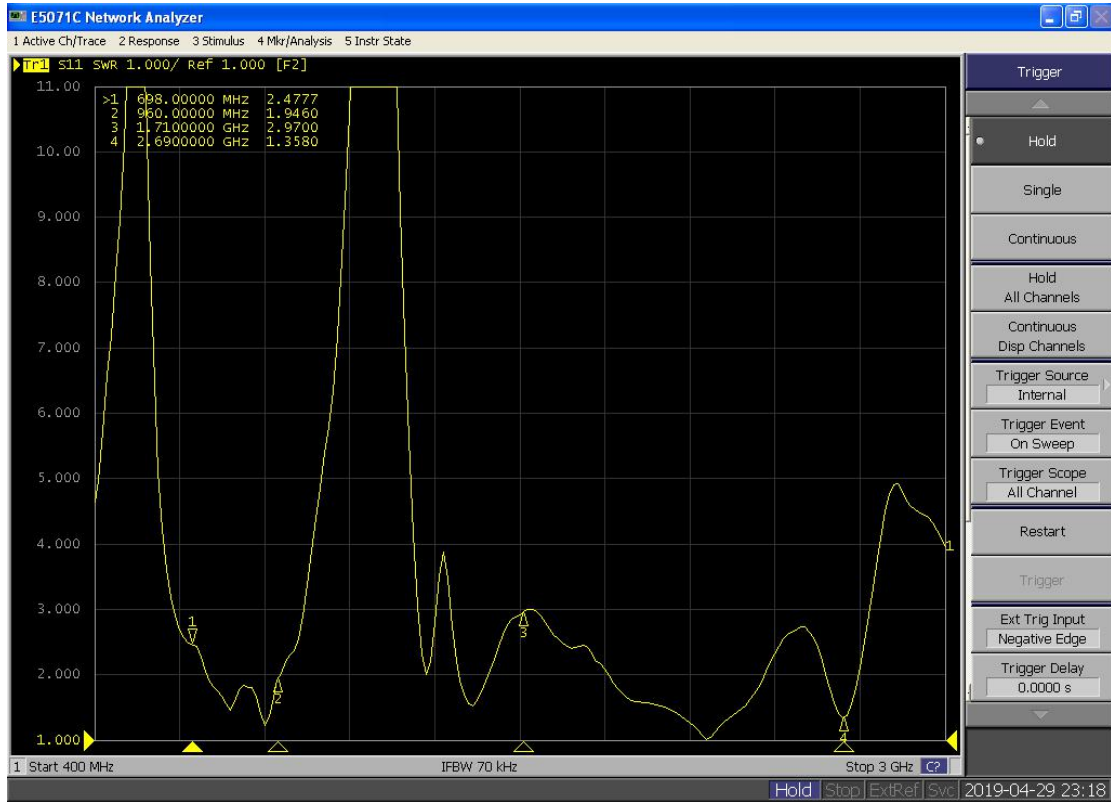
Mechanical Specifications



1. N Type connector
2. Coaxial cable
3. PCB
4. $\Phi 20 \times 182 \times 2.0$ mm fiber glass
5. $\Phi 22.1 \times 12$ mm antenna cap

VSWR

The S11 test report is shown as Figure below.





Efficiency vs Gain

Frequency	Efficiency	Peak Gain	Frequency	Efficiency	Peak Gain
680	45%	-1.4	2060	64%	0.9
700	44%	-1.4	2080	66%	1.3
720	41%	-1.1	2100	67%	1.5
740	44%	-1.0	2120	71%	1.8
760	44%	-0.9	2140	70%	1.9
780	43%	-0.8	2160	74%	2.2
800	45%	-0.4	2180	78%	2.5
820	37%	-1.1	2200	81%	2.8
840	36%	-1.1	2220	81%	2.9
860	36%	-1.0	2240	82%	3.0
880	36%	-0.7	2260	83%	3.0
900	36%	-0.3	2280	88%	3.3
920	34%	0.1	2300	88%	3.3
940	33%	0.3	2320	83%	3.0
960	31%	0.2	2340	80%	2.8
			2360	78%	2.7
1700	53%	0.1	2380	79%	2.8
1720	54%	0.0	2400	78%	2.7
1740	53%	0.2	2420	79%	2.9
1760	49%	0.8	2440	70%	2.4
1780	48%	0.9	2460	68%	2.4
1800	49%	0.7	2480	68%	2.5
1820	48%	0.6	2500	69%	2.6
1840	49%	0.4	2520	69%	2.7
1860	54%	0.4	2540	67%	2.6
1880	51%	0.3	2560	61%	2.2
1900	49%	0.5	2580	63%	2.4
1920	52%	0.3	2600	60%	2.2
1940	48%	0.8	2620	62%	2.2
1960	47%	1.1	2640	64%	2.1
1980	46%	1.4	2660	65%	2.0
2000	55%	0.4	2680	66%	1.8
2020	56%	0.5	2700	67%	1.4
2040	61%	0.5			