Features

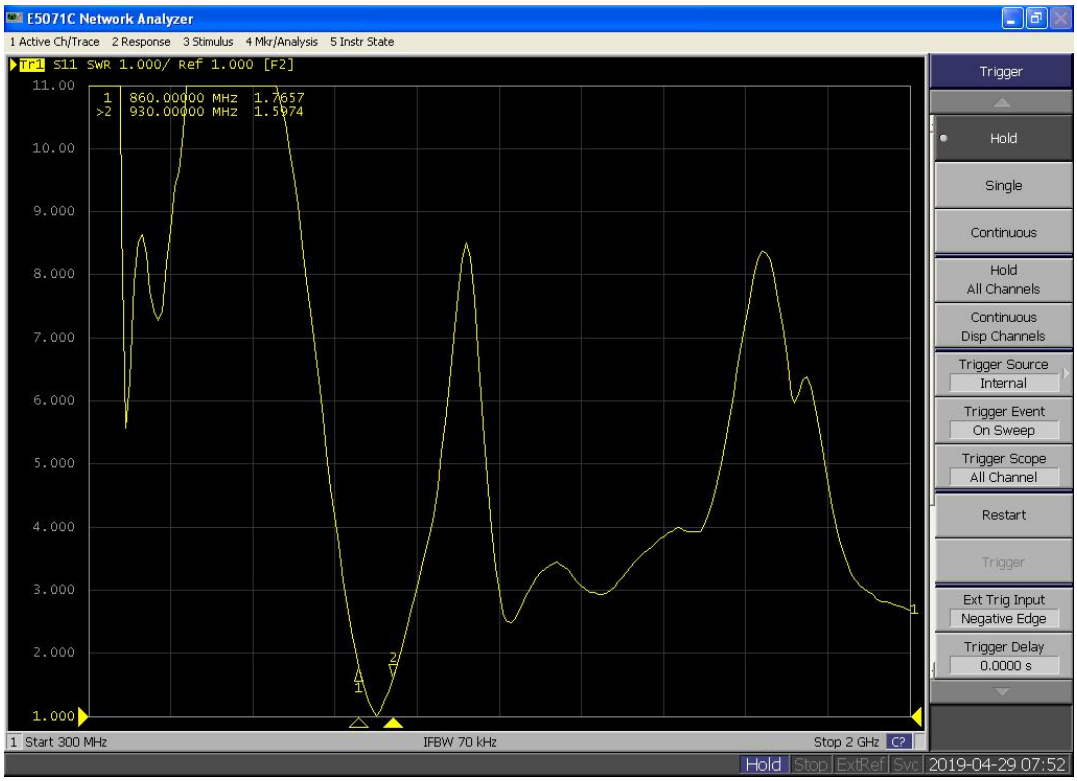
- Frequency Range: 860~930MHz
- One antenna to suit both 868MHz and 915 MHz bands
- Max Gain: 3dBi
- High efficiency
- Vertically polarized monopole

Specifications

Frequency Range (MHz)	860 - 930
Gain (dBi)	2.6 - 3.1
VSWR	≤ 2.5
Efficiency	60%
Radiation	360°
Impedance (Ohms)	50Ω
Polarization	Vertical
Radome Body	Fiber glass
Connector	N-Type Male
Dimensions (mm)	Φ 25 x L360±10mm
Operation Temp (°C)	-20 ~ +65
Storage Temp (°C)	-30 ~ +75

VSWR

Frequency(MHz)	VSWR
860MHz	1.7657
870MHz	1.4305
896MHz	1.2643
910MHz	1.4393
920MHz	1.6967
930MHz	1.5974

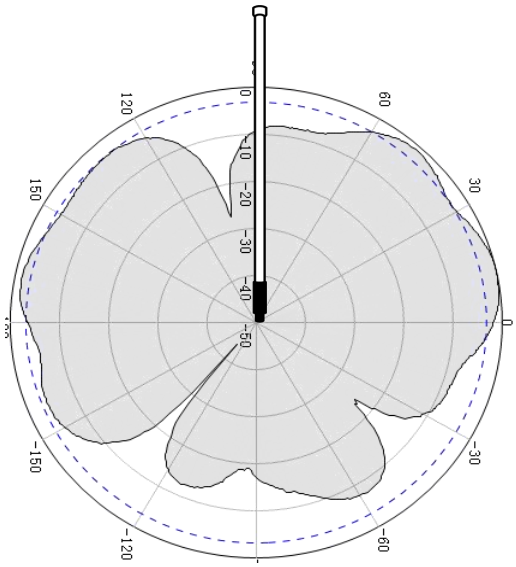


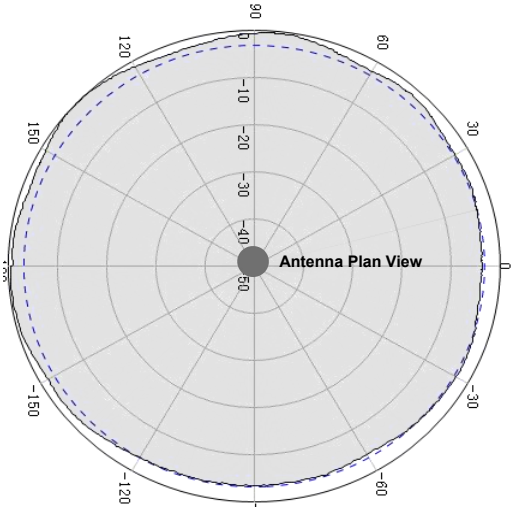
Efficiency vs Gain

Frequency(MHz)	Efficiency (%)	Gain (dBi)
860	56.1	2.6
865	59.2	2.8
870	60.6	2.8
875	66.4	2.9
880	63.8	2.9
885	65.2	3.0
890	66.7	3.0
895	69.2	3.1
900	70.1	2.8
905	77.5	2.9
910	70.4	2.9
915	69.6	2.9
920	66.0	2.7
925	64.9	2.8
930	60.4	2.7

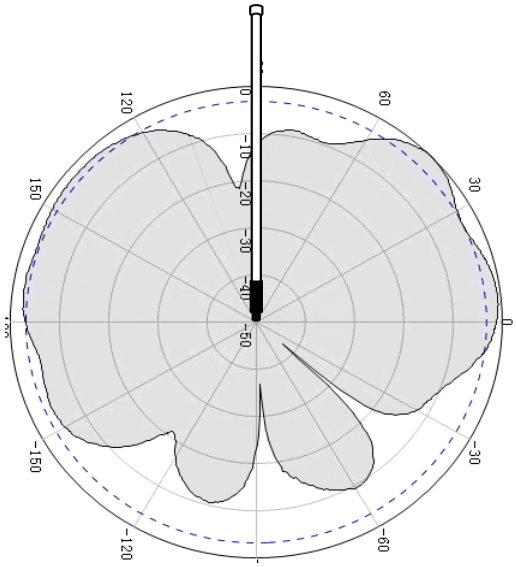
Antenna Patterns

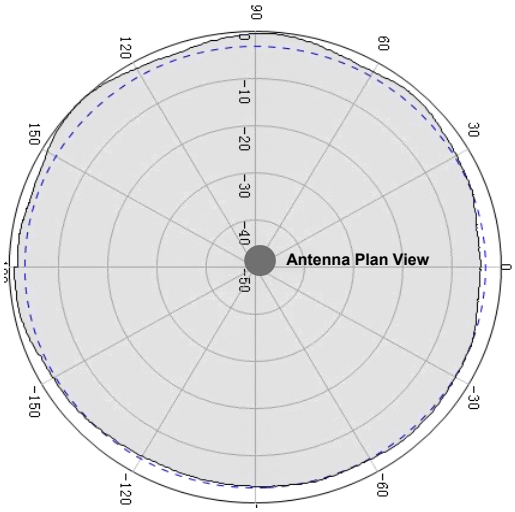
860MMHz



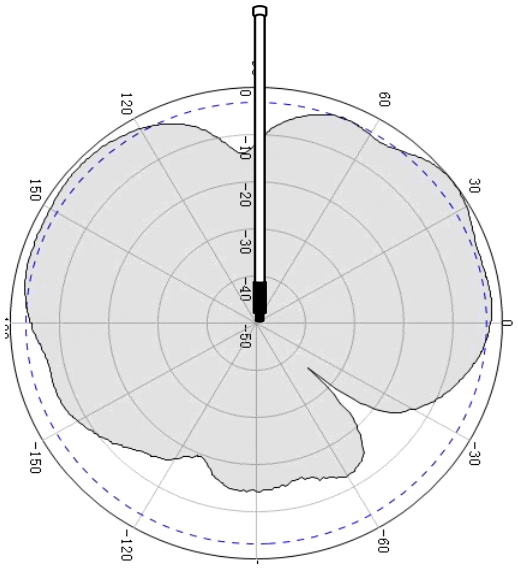


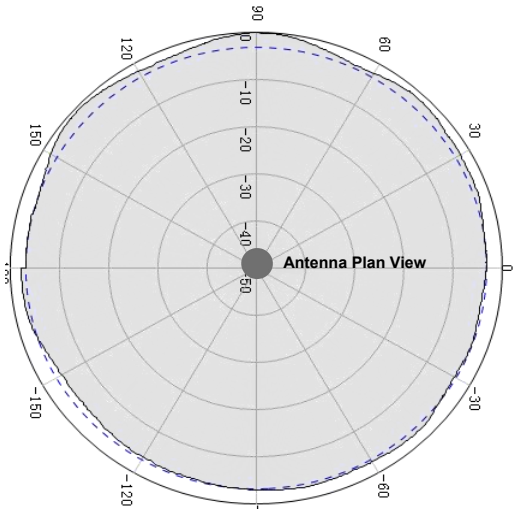
870MMHz



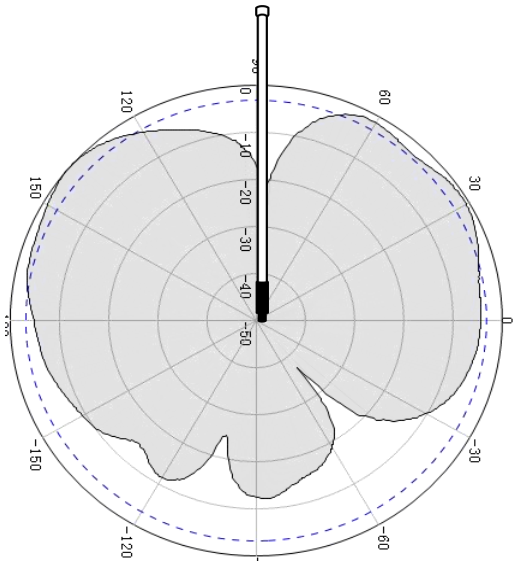


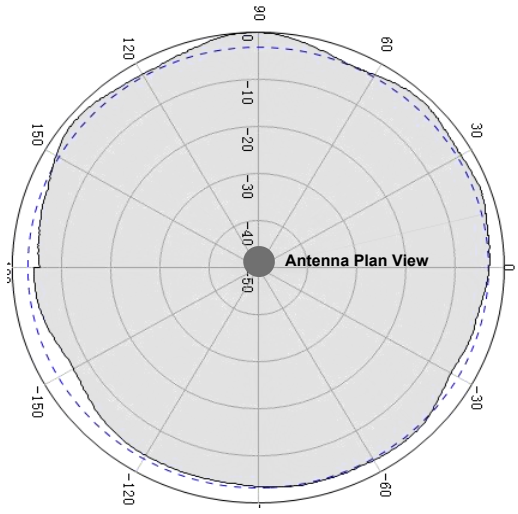
880MMHz



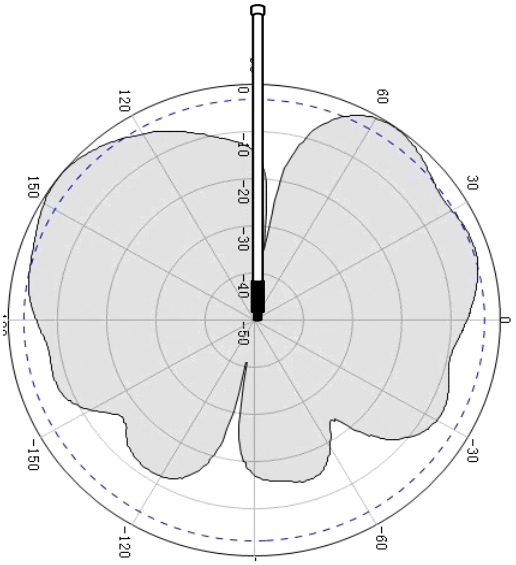


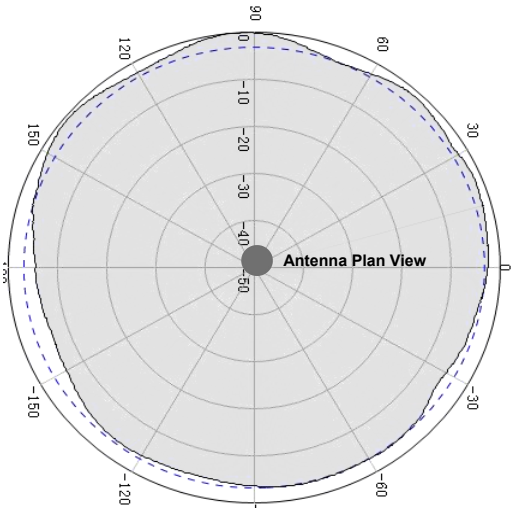
890MMHz



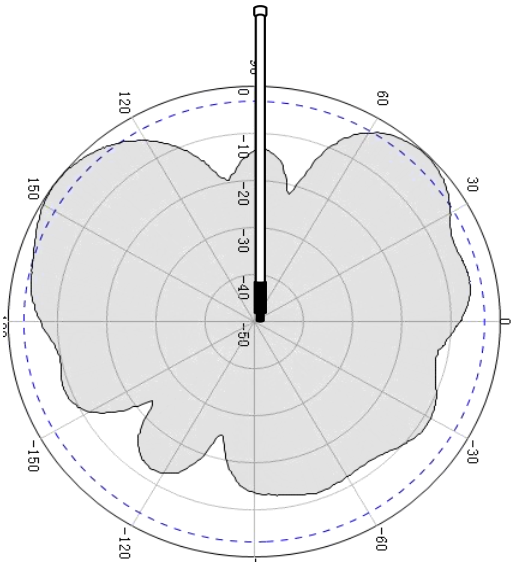


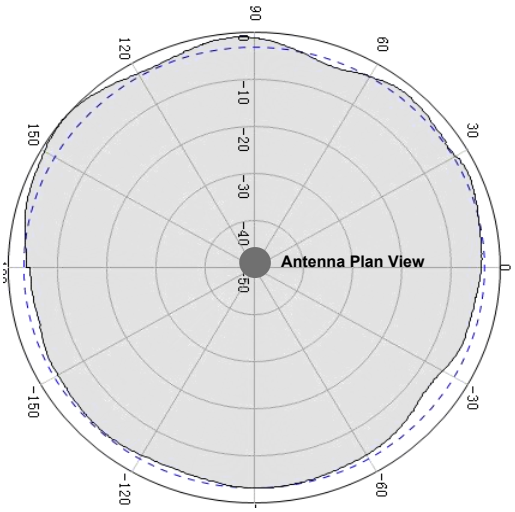
900MMHz



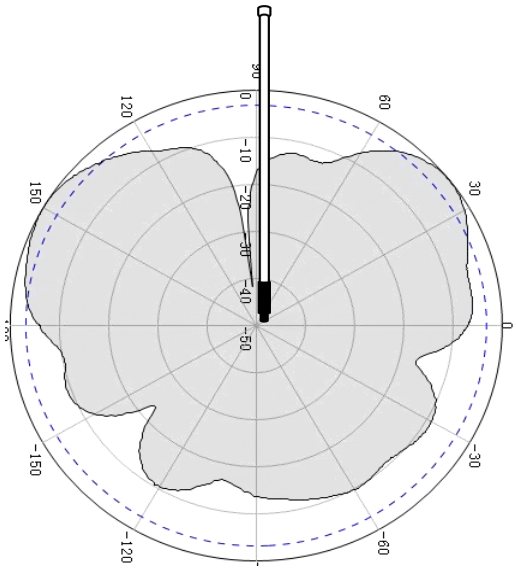


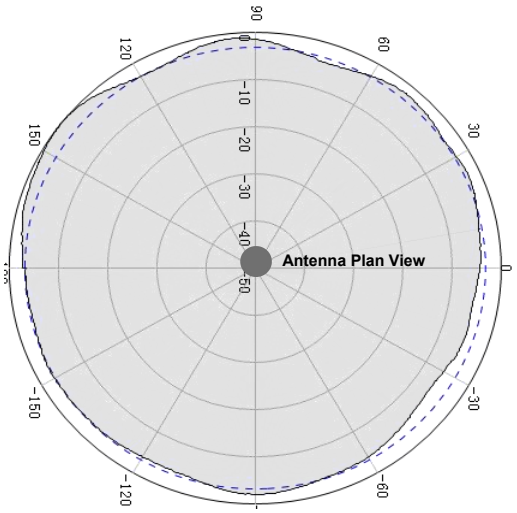
910MMHz



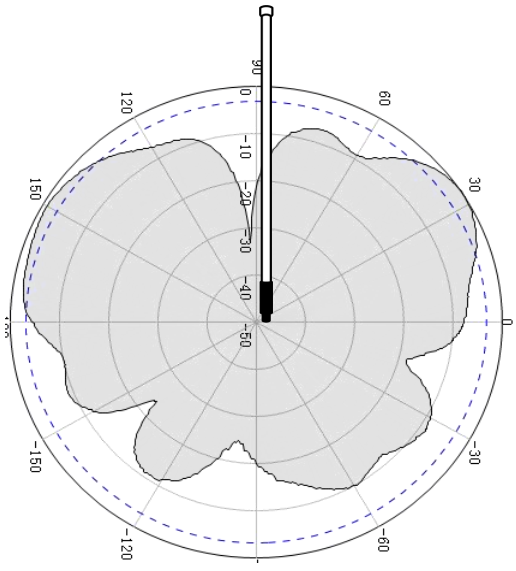


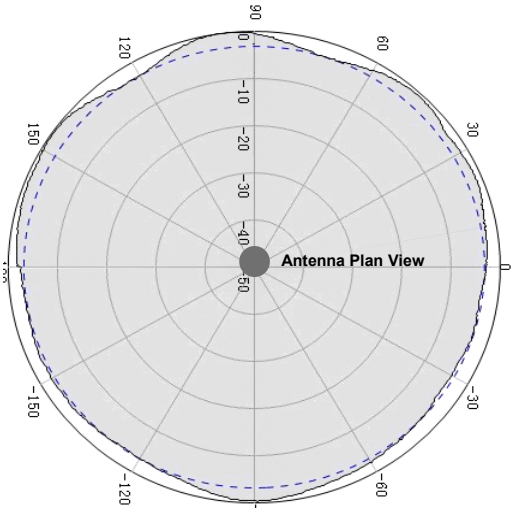
920MMHz



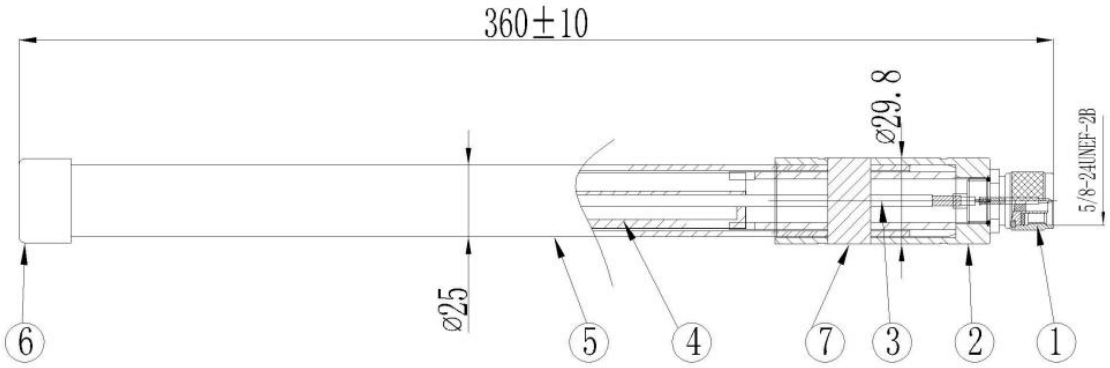


930MMHz





Mechanical Specifications



1. N-Type Male connector
2. Φ 25 pipe fixed seat
3. 86 / 93 stripper diagram
4. 860-930MHz 3dBi-PCB
5. Φ 25 x 309 x 2mm fiber glass tube
6. Φ 28 x 18mm antenna cap
7. 860-930MHz label