



AR7010

4G-5G Log-periodic Antenna.
698- 960 /1710 -2690 /3300-3800 MHz





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1. Specifications.

Model	xxxxxx
Frequency Range (MHz)	698-960/1710-2690/3300-3800 MHz
V.S.W.R	≤ 2
Polarization Type	Vertical polarization
Gain (dBi)	12 dBi
Γωνία μισής ισχύος	H 48° / E 44°
Max Input Power (w)	50 W
Input Impedence (Ω)	50 Ω
Connect Type	N-female
Antenna Length (mm)	445 x 211 x 64.5mm
Cable	SYV-50-3
Cable (mm)	500 \pm 30 mm
Weight	1 KG
Lightning protection	DC ground
wind-resistant speed	60m/s
Pole size	ϕ 25- ϕ 40 mm





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2. Durability.

1	SALT SPRAY TEST	Salt spray test: According to GB 1266 -86 standard Distilled water: Single distillation	All characteristics range is 30% of the initial value
	SALT SPRAY TEST	Spray volume: 1.4me80cm ² /h Compressed air pressure: 1Kgf/cm ² Test relative humidity: 98° Temperature: 45°~47° Pressure temperature: 35° Test time: 48hr	
2	HEAT TEST	85+ 20 ⁰ C for 48 hours, after keep in normal condition for 30mim the to test.	
3	HUMIDITY TEST	40+20 ⁰ C 90-95% RH for 48hours, after keep in normal condition for 30mim the to test.	
4	COLD TEST	-40+20 ⁰ C for 48hours, after keep in normal condition for 30mim the to test.	

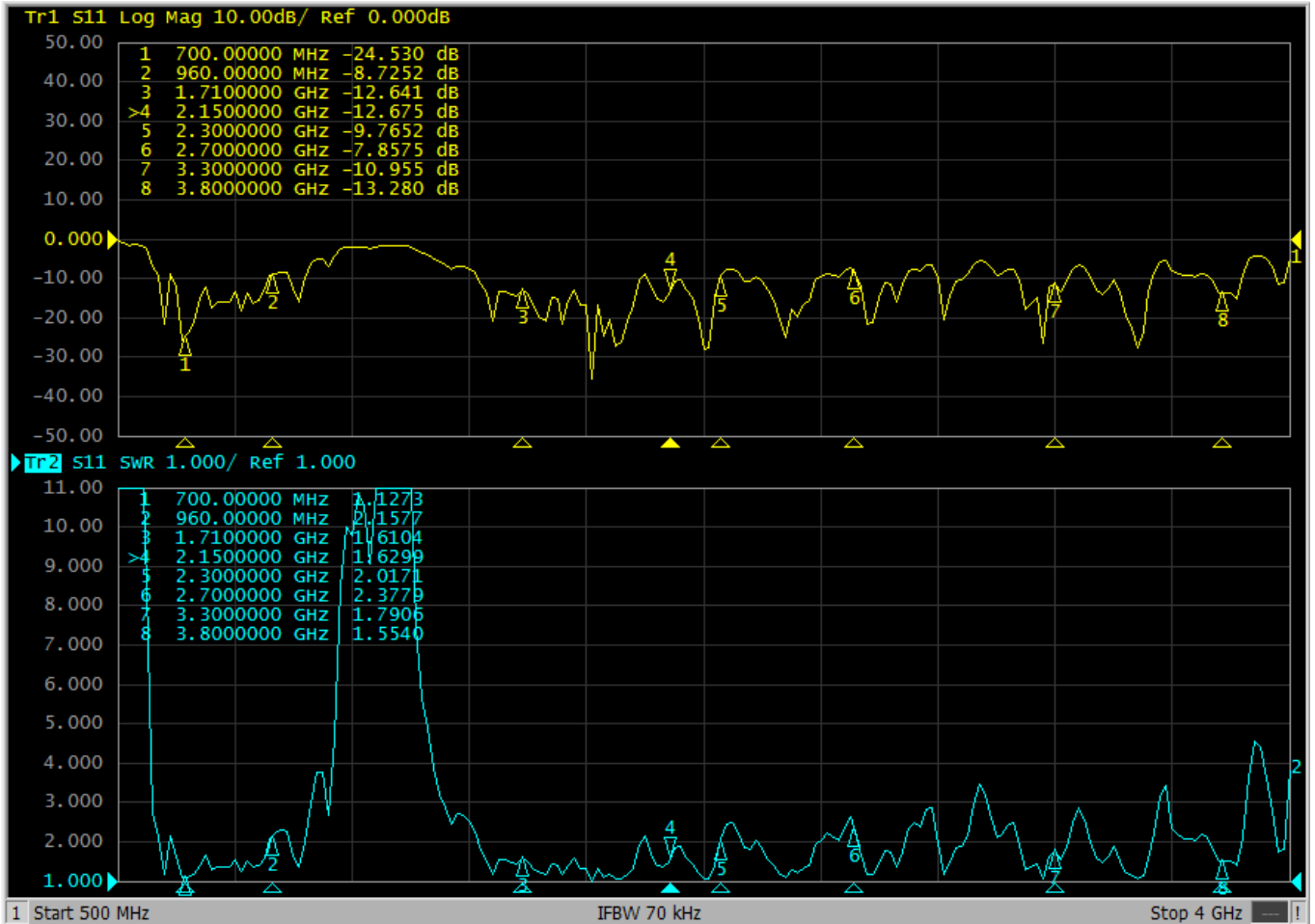




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3. Network Analyzer Test Report.





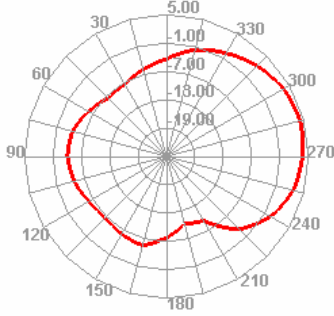
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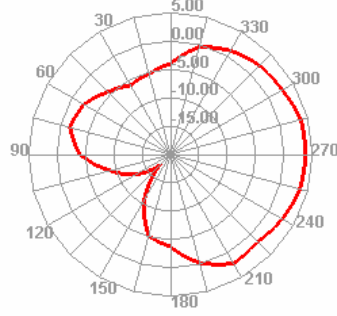
698- 960 /1710 -2690 /3300-3800 MHz

4. Antenna Radiation Pattern.

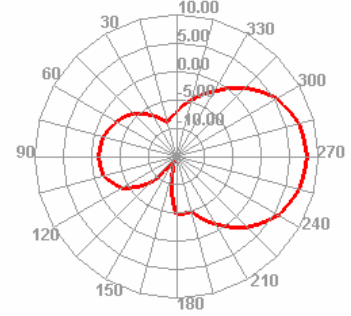
700.000MHz H



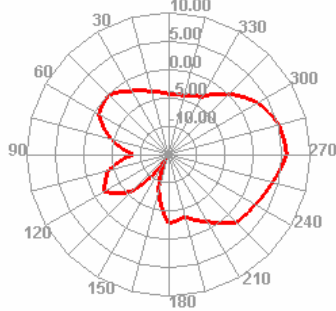
700.000MHz E2



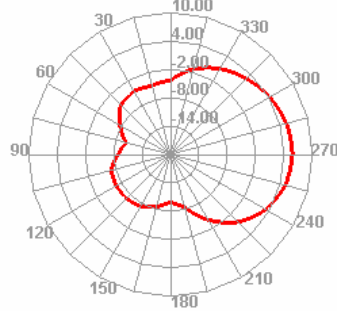
850.000MHz E2



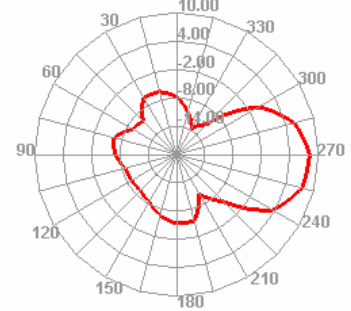
960.000MHz E2



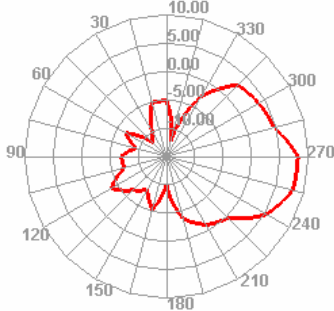
960.000MHz H



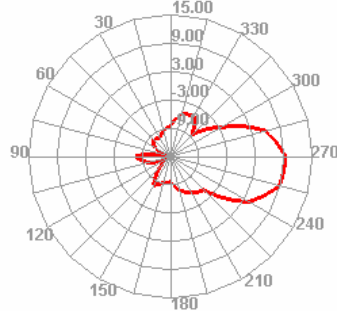
1710.000MHz H



1710.000MHz E2



1950.000MHz H



1950.000MHz E2

