



RUBBER ANTENNA RRST-MA11-10808-22M-FY-001



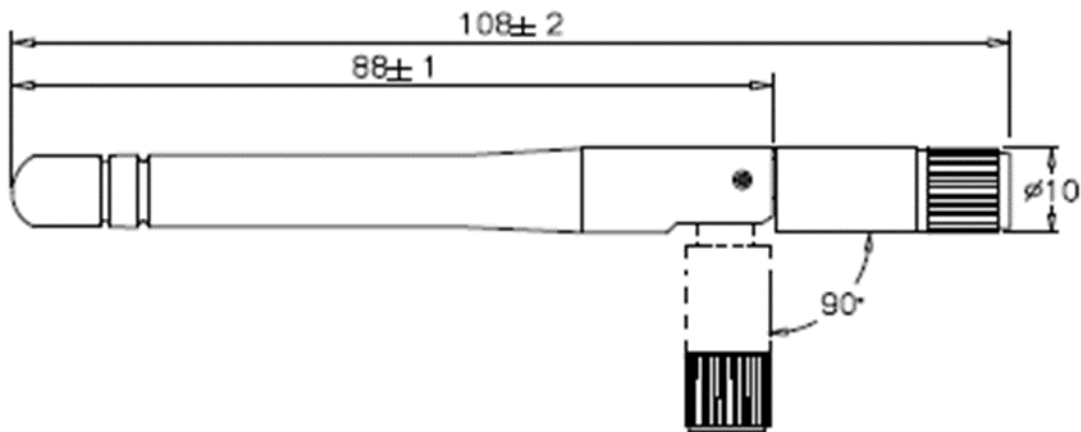
■ SPECIFICATION

PARAMETERS	VALUE
Frequency	868 MHz
Gain	2 dBi
Impedance	50 Ω
VSWR, max	2
Return Loss, max	-10 dB
Polarization	Linear Vertical
Radiation	Omni-directional
Connector	SMA Male
Length	108 mm \pm 2 mm
Operating Temperature Range	-40°C ~ + 85°C
Power, max	1 W

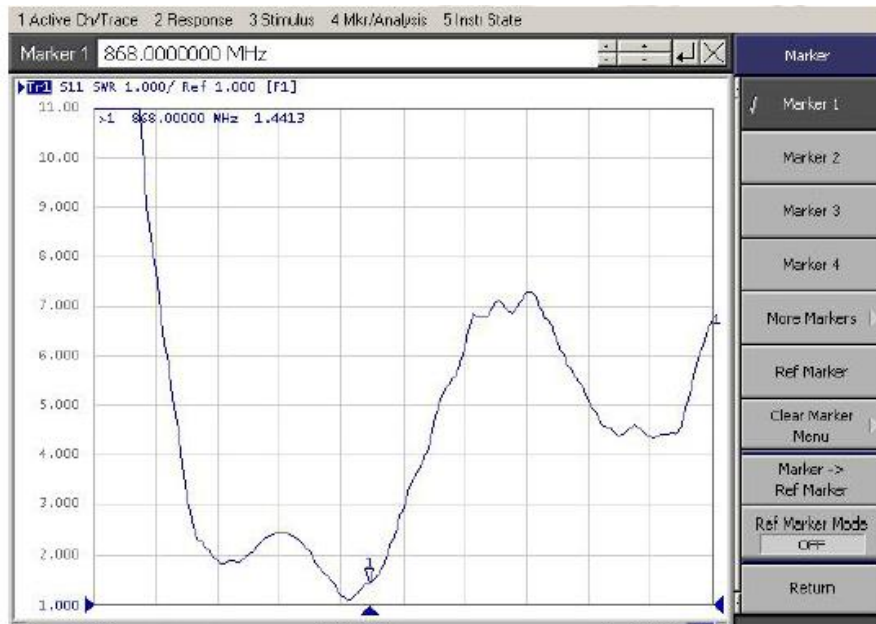


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MECHANICAL SPECIFICATION



FREQUENCY CHARACTERISTICS

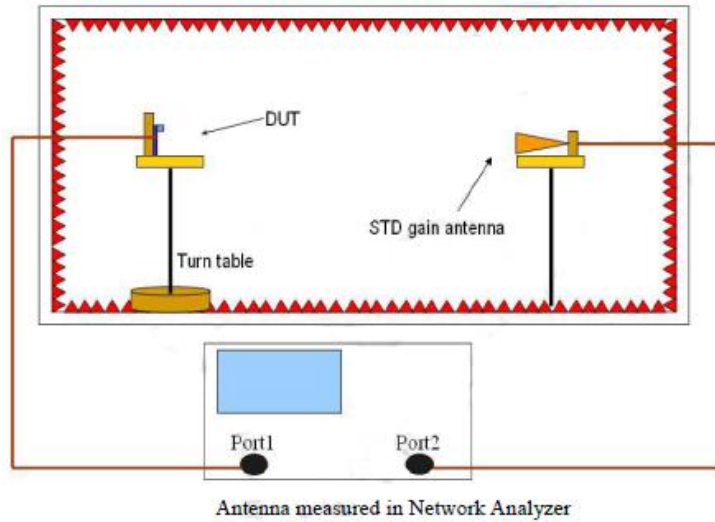




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■ ANECHOIC CHAMBER TEST





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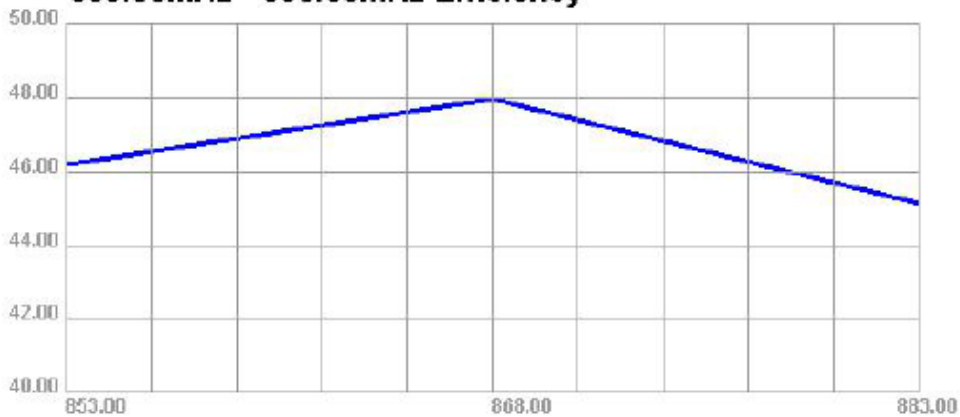
■ GAIN AND EFFICIENCY

Passive Test For 868									
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenuat Hor	Attenuat Ver	
853	46.18	-3.36	-0.62	-2.77	-0.62	-13.46	37.47	37.1	
868	47.95	-3.19	-0.41	-2.56	-0.41	-13.46	37.6	37.19	
883	45.12	-3.46	-0.43	-2.58	-0.43	-14.37	37.6	37.31	

853.00MHz - 883.00MHz Gain



853.00MHz - 883.00MHz Efficiency

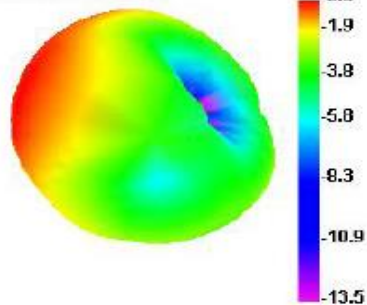




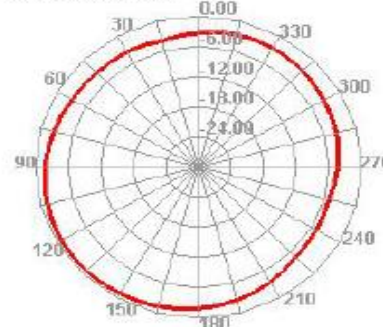
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■ RADIATION PATTERN

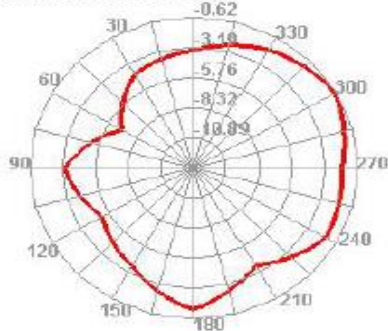
853.000MHz



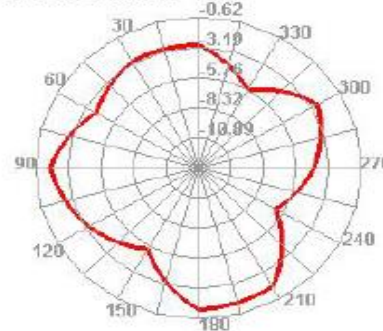
853.000MHz H



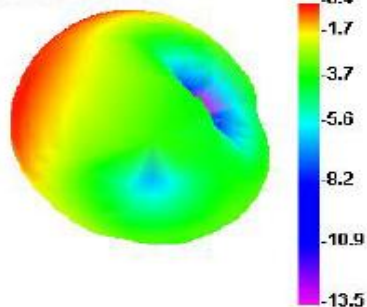
853.000MHz E1



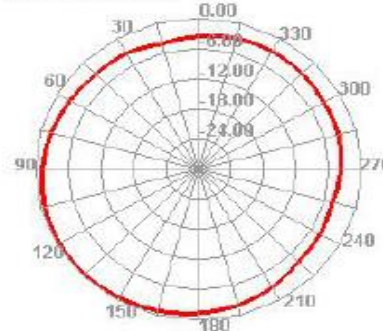
853.000MHz E2



868.000MHz



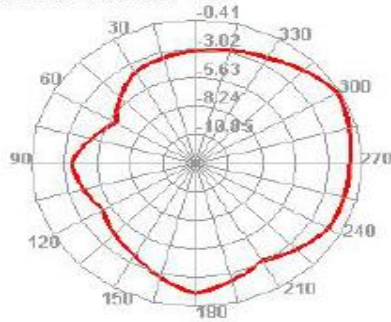
868.000MHz H



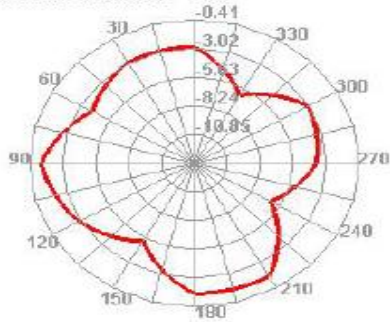


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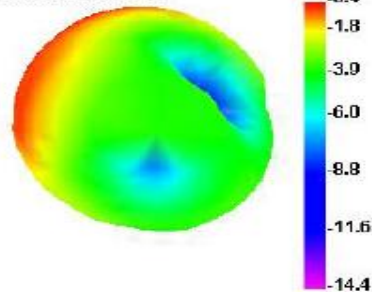
868.000MHz E1



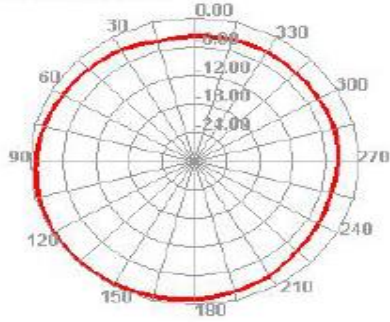
868.000MHz E2



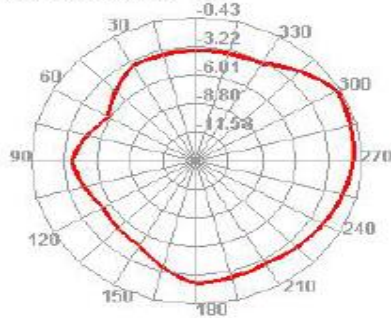
883.000MHz



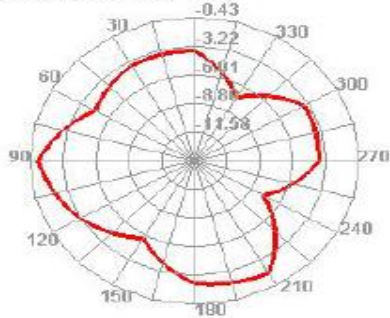
883.000MHz H



883.000MHz E1



883.000MHz E2



■ APPROVAL

RS PRO	
DRAWN BY:	AR, May 30, 2018
APPROVED BY:	CP, May 30, 2018
REVISION:	A, Initial Release