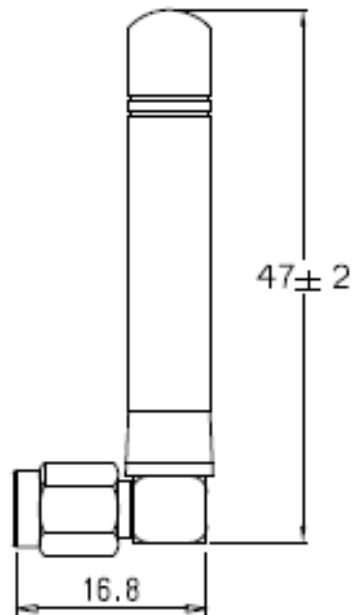


■ SPECIFICATION

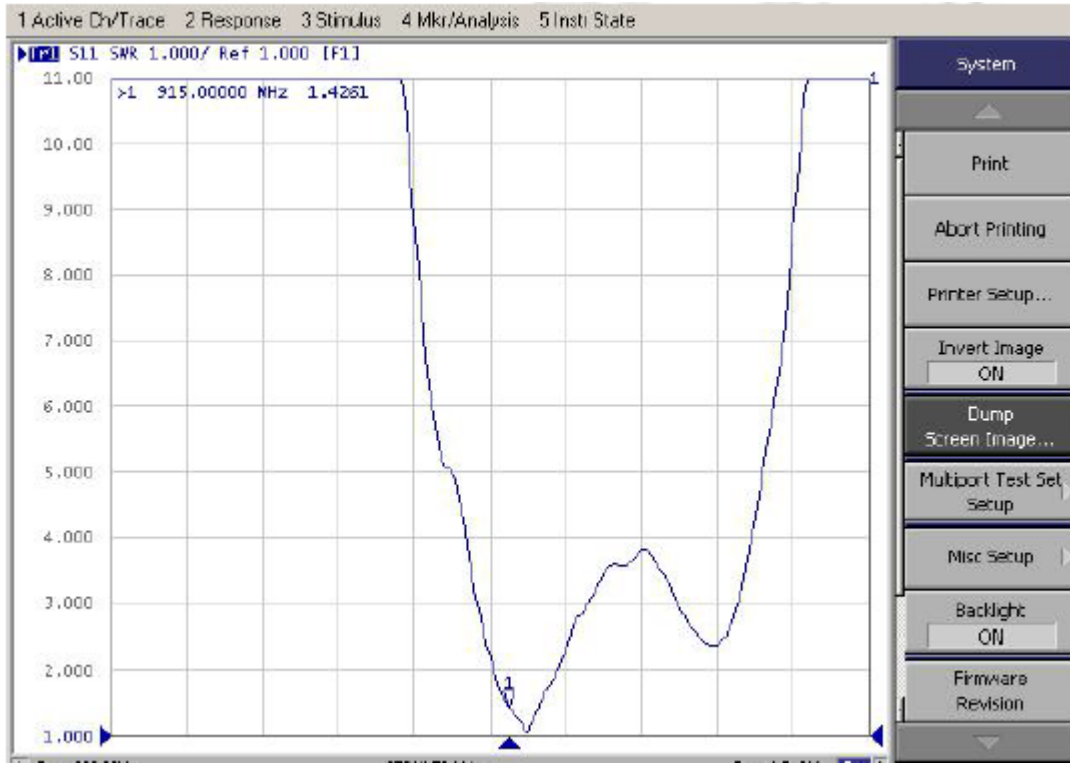
PARAMETERS	VALUE	UNIT
Center Frequency	915.000	MHz
Impedance	50	Ω
VSWR, max	2	-
Return Loss, max	-10	dB
Gain	2	dBI
Polarization	Linear Vertical	-
Radiation	Omni-directional	-
Power, max	1	W
Connector	R/A SMA Male	-
Operating Temperature Range	-40 ~ + 85	$^{\circ}\text{C}$



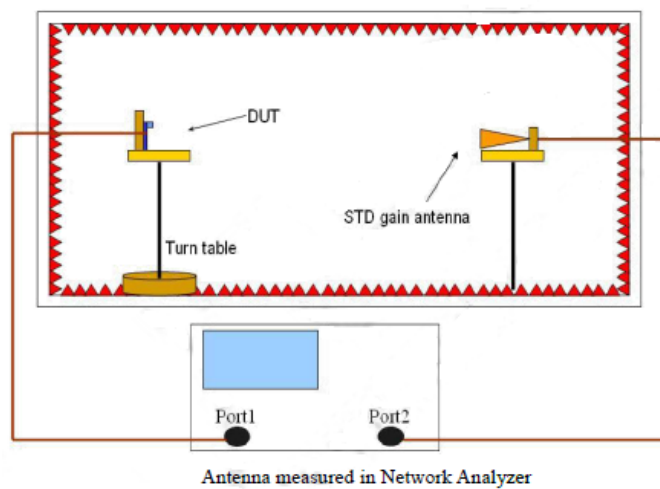
■ DIMENSIONS



FREQUENCY CHARACTERISTICS



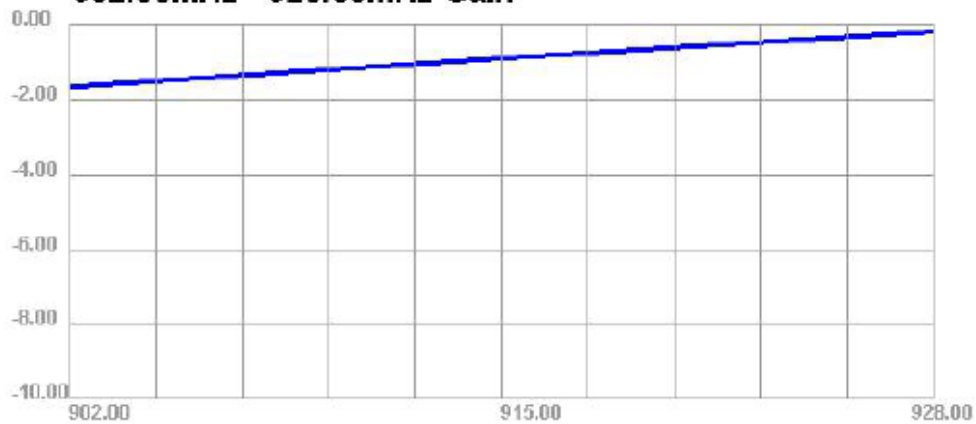
ANECHOIC CHAMBER TEST



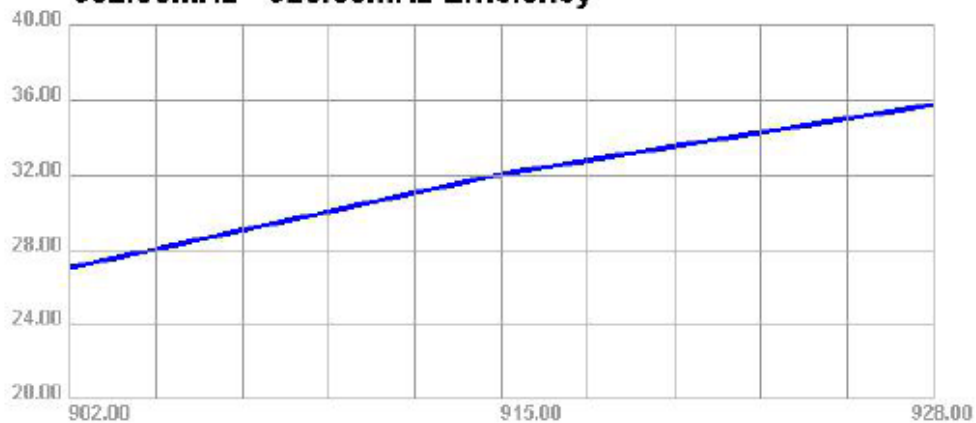
■ GAIN AND EFFICIENCY

Passive Test For 915								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
902	27.02	-5.68	-1.67	-3.82	-1.67	-22.28	37.47	37.43
915	32.03	-4.95	-0.9	-3.05	-0.9	-17.22	37.35	37.41
928	35.74	-4.47	-0.19	-2.34	-0.19	-16.08	37.18	37.29

902.00MHz - 928.00MHz Gain

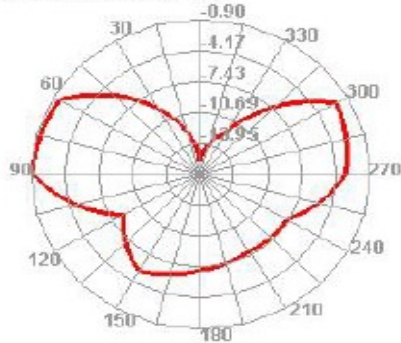


902.00MHz - 928.00MHz Efficiency

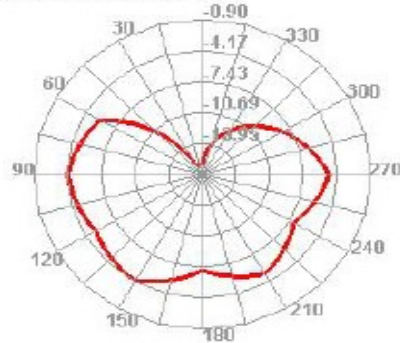


■ RADIATION PATTERN

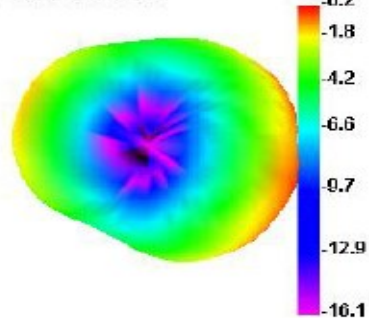
915.000MHz E1



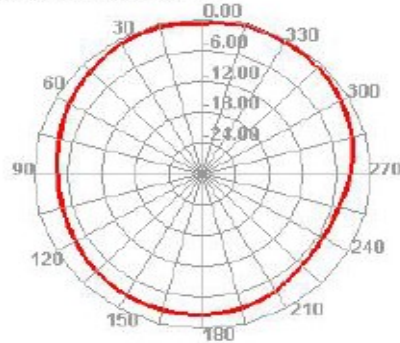
915.000MHz E2



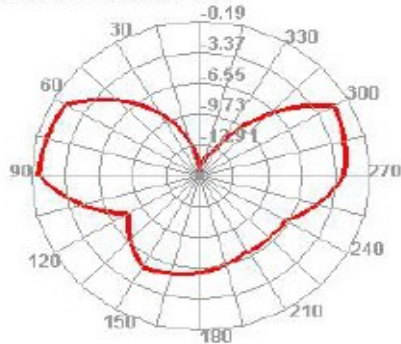
928.000MHz



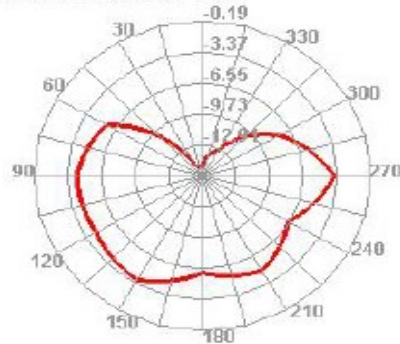
928.000MHz H



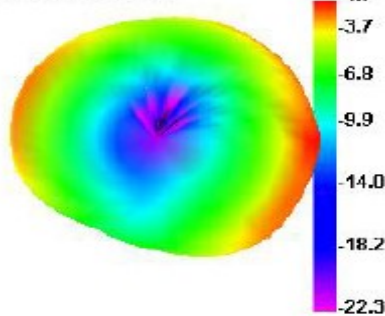
928.000MHz E1



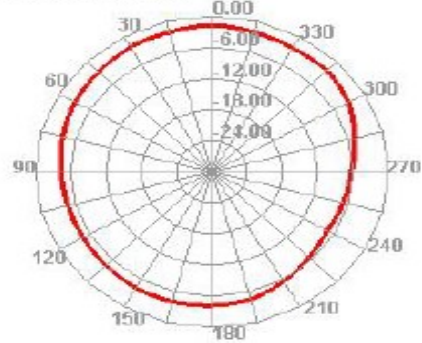
928.000MHz E2



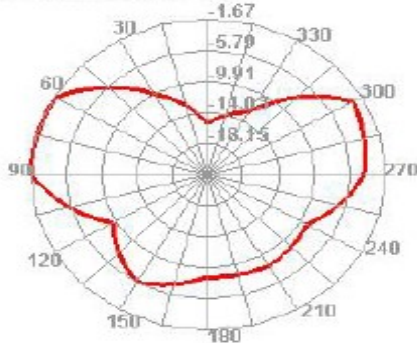
902.000MHz



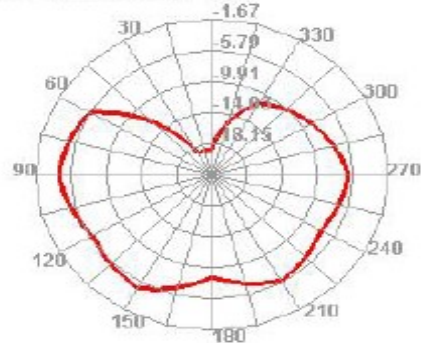
902.000MHz H



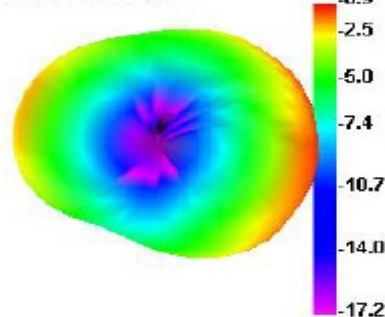
902.000MHz E1



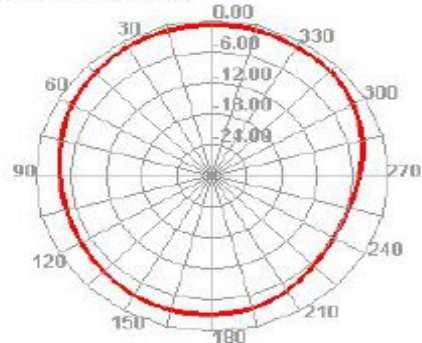
902.000MHz E2



915.000MHz



915.000MHz H



APPROVAL

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

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