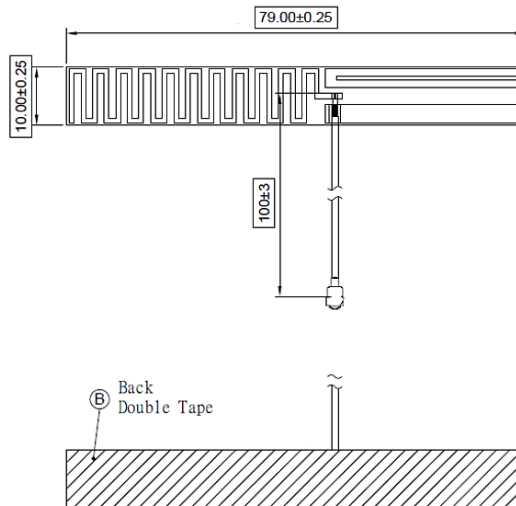
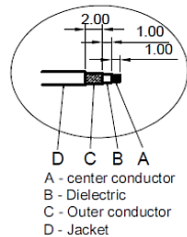


ELECTRICAL SPECIFICATION

PARAMETERS		VALUE	UNIT
Frequency Range		863 ~ 928	MHz
Returns Loss, max		-10	dB
VSWR, max		2	-
Gain		1.77	dBi
Impedance		50	Ω
Radiation Pattern		Omni-Directional	-
Polarization		Linear	-
Operating Temperature Range		-40 ~ +85	$^{\circ}\text{C}$
Cable	Coaxial	$\varnothing 1.13$	mm
	Color	Gray	-
Antenna Material		FPC	-
		0.5	oz
Connector		IPEX Compatible	-
Double Tape		3M467	-

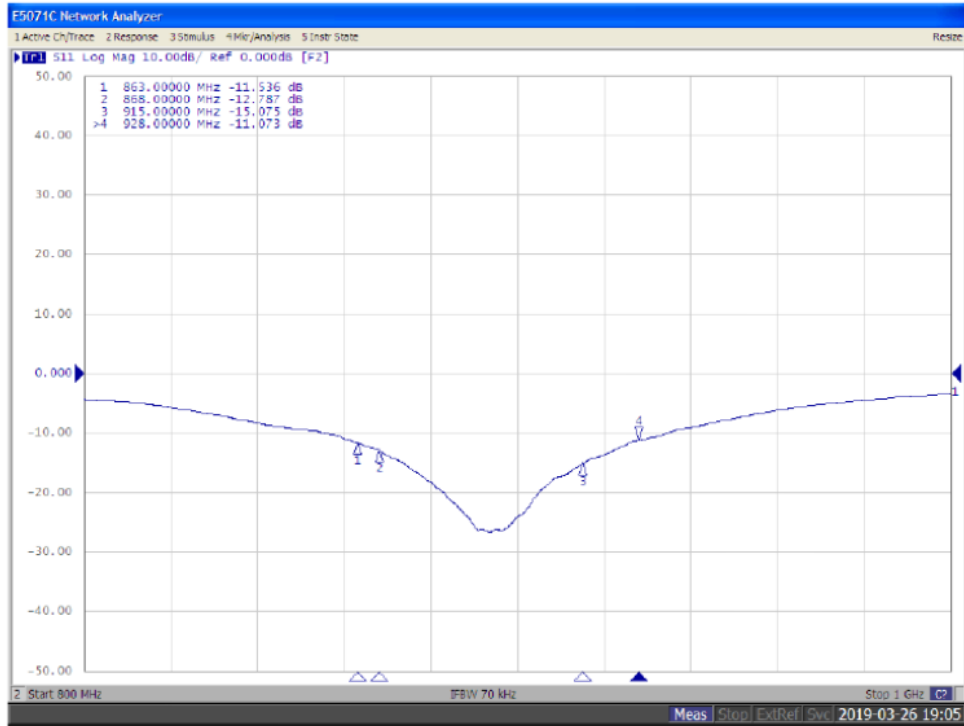
DIMENSIONS



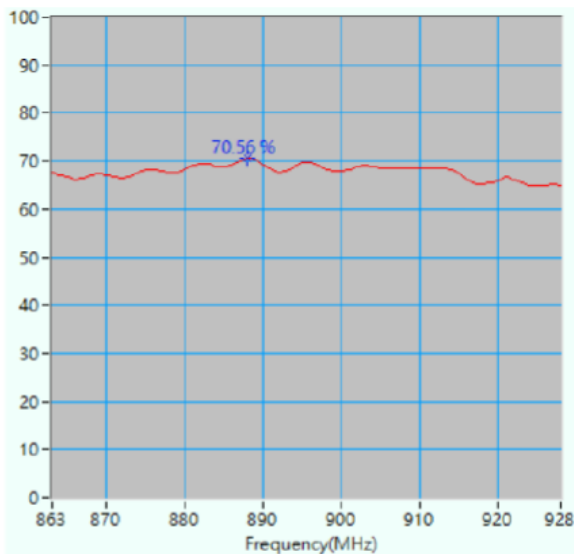
Unit : mm

■ FREQUENCY CHARACTERISTICS

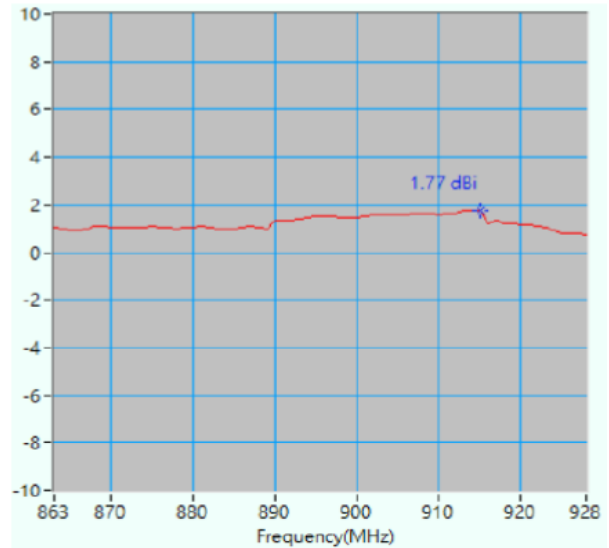
Returns Loss



■ EFFICIENCY & PEAK GAIN



Maximum Efficiency at 888 MHz : 70.5 %

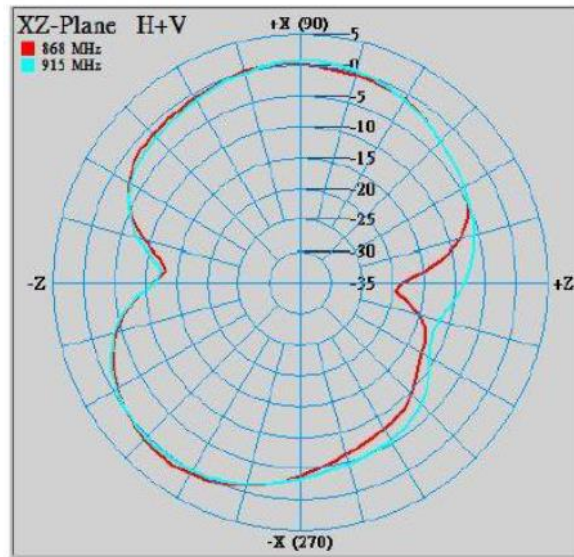


Maximum Peak Gain at 915 MHz : 1.77 dBi

■ RADIATION PATTERN

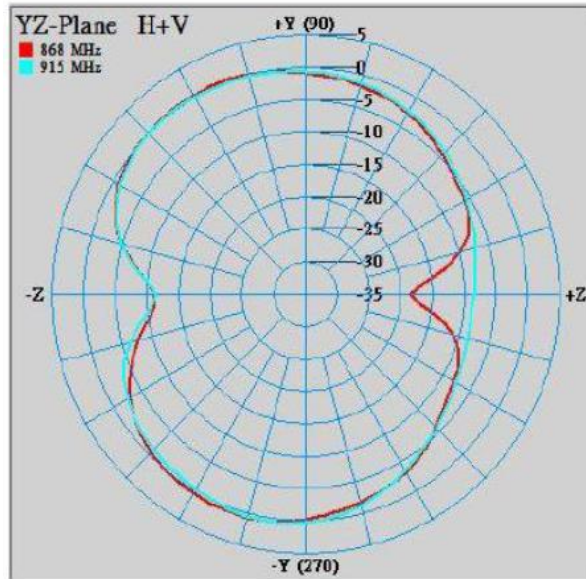
X-Z Plane
Phi=0.00deg

Gain . dB



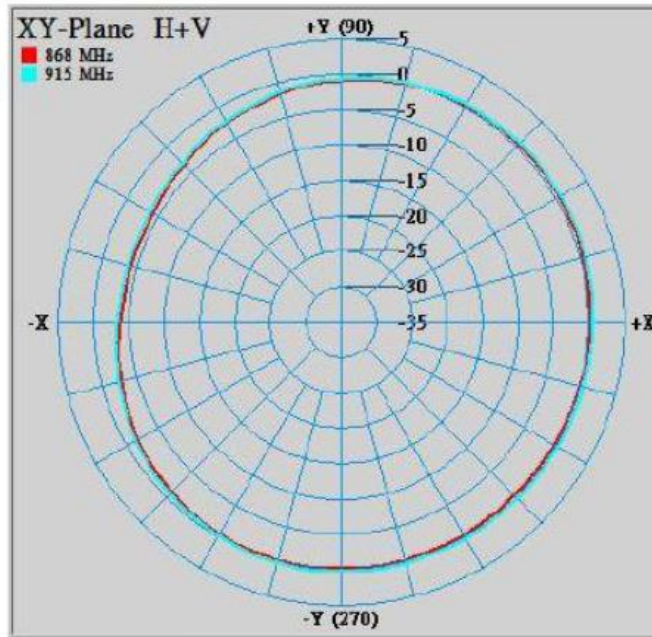
Y-Z Plane
Phi= 90.00deg

Gain . dB



X-Y Plane
Theta= 90.00deg

Gain . dB



Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
868	0.87	-2.86	0.66	-2.50	0.52	-0.91
915	0.65	-2.72	0.48	-2.46	0.82	-0.54

■ APPROVAL

RALTRON	
DRAWN BY:	AR, July 01, 2019
APPROVED BY:	CP, July 01, 2019
REVISION:	A, Initial Release

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