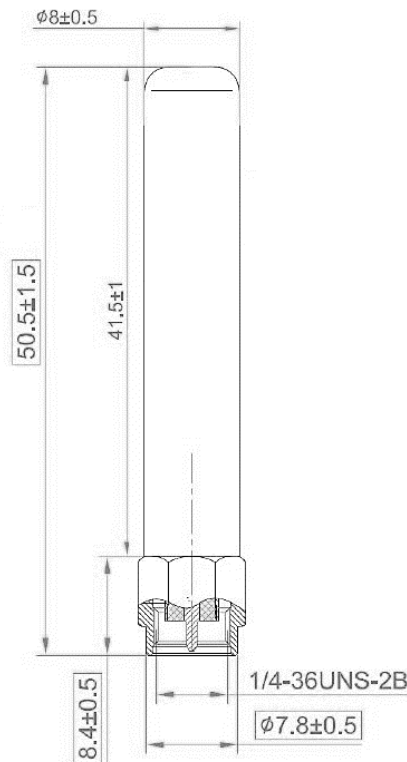


### ELECTRICAL SPECIFICATION

PARAMETER	VALUE		UNIT
Center Frequency	868	915	MHz
Return Loss, max	-10		dB
VSWR, max	2.0		-
Gain	2.43		dBi
Polarization	Linear Vertical		-
Radiation Pattern	Omni-Directional		-
Impedance	50		$\Omega$
Antenna Cover	TPEE (Black)		-
Connector	Straight SMA Plug (Ni)		-
Cable	RG316		-
Spring	Phosphor Bronze		-

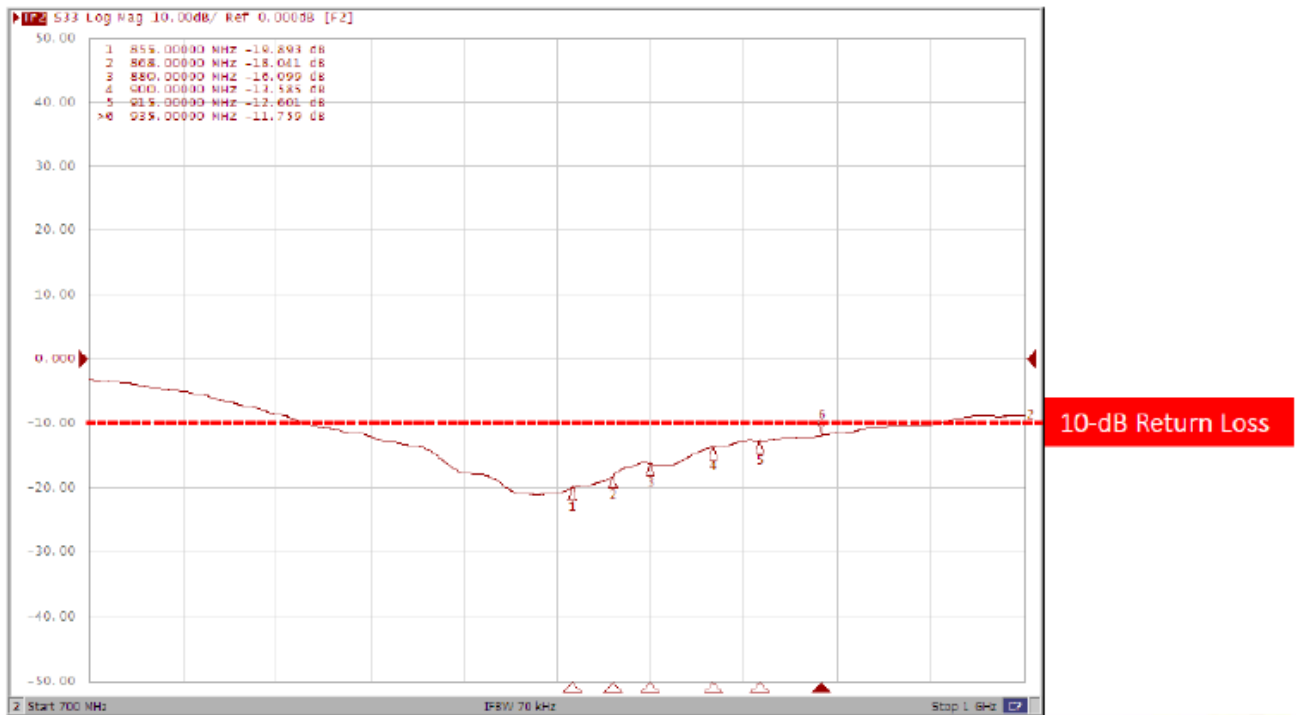
### DIMENSIONS



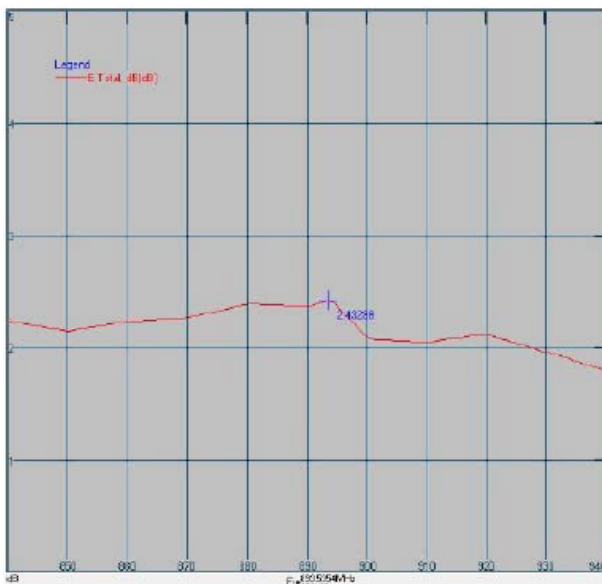
Unit: mm

#### FREQUENCY CHARACTERISTICS

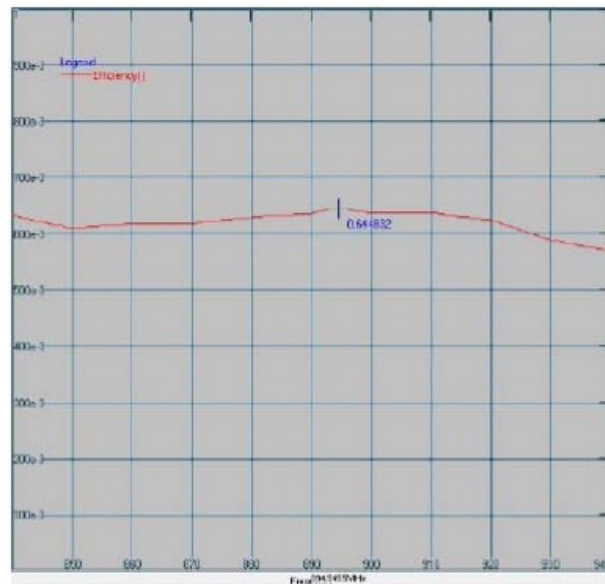
#### Return Loss



#### PEAK GAIN & ANTENNA EFFICIENCY



Maximum Peak Gain at 893 MHz : 2.43 dBi



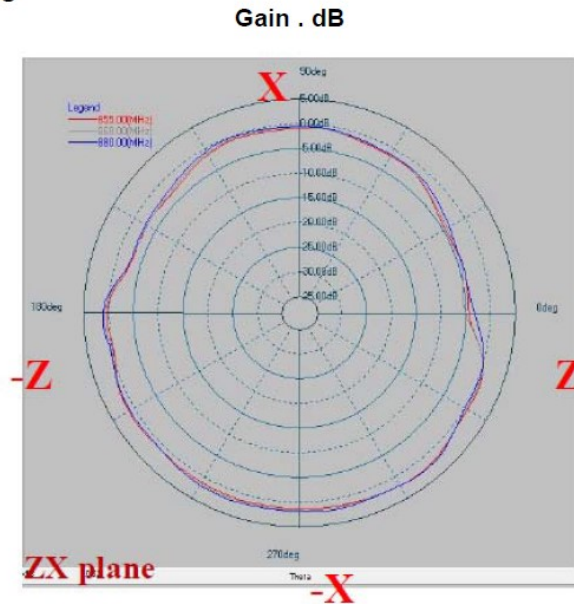
Maximum Efficiency at 894 MHz : 64.48%

#### RADIATION PATTERN

868 MHz

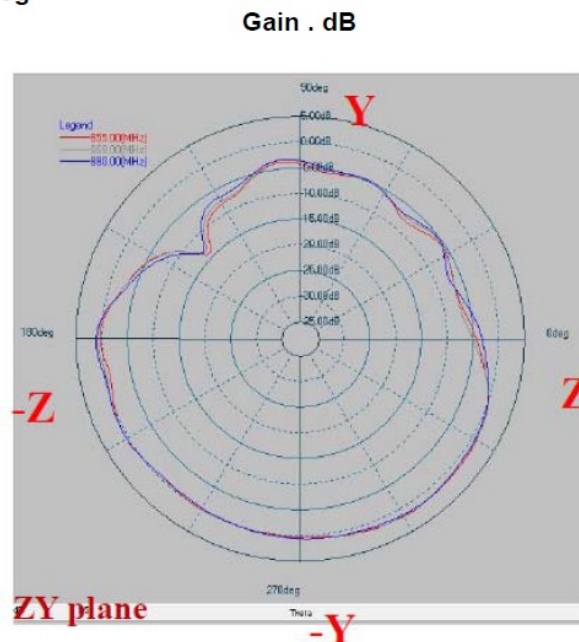
X-Z Plane

Phi=0.00deg



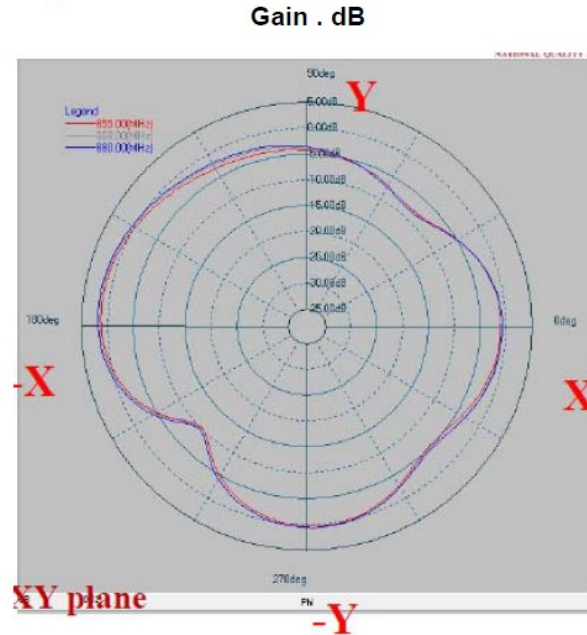
Y-Z Plane

Phi=90.00deg



**X-Y Plane**

Theta=90.00deg



Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
855	2.14	-0.37	1.57	-1.68	1.30	-2.33
868	2.28	-0.23	1.64	-1.58	1.66	-1.97
880	2.30	-0.02	1.38	-1.56	1.90	-1.83

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September, 2019