

Antenna Specification

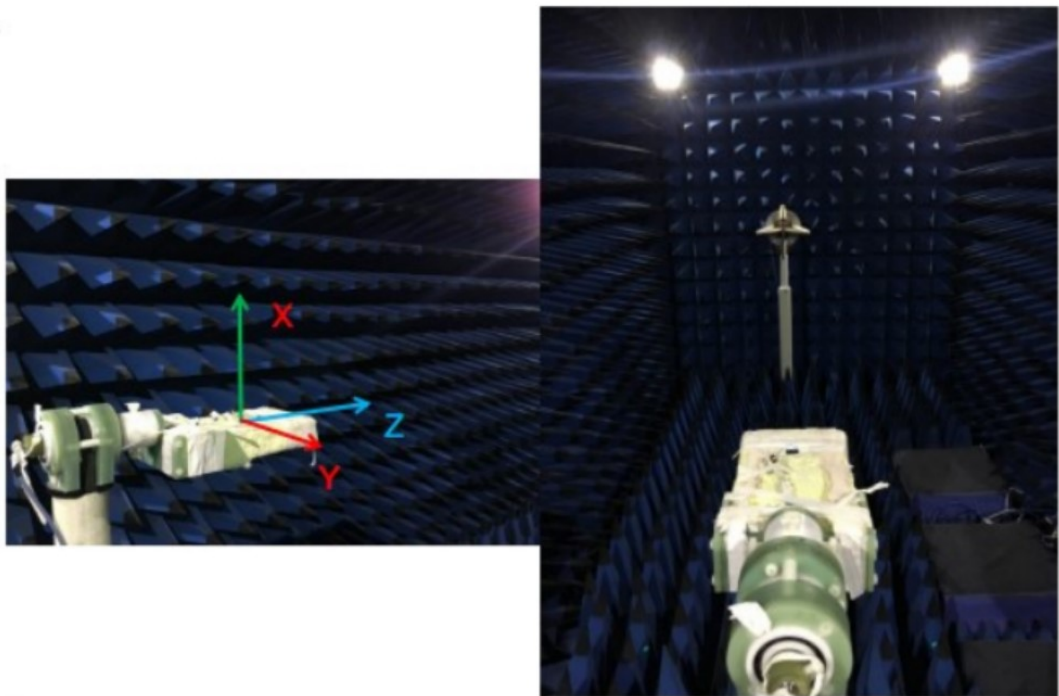
Specification		
Description	Operation Frequency :	2450 ± 50 MHz
	Output power:	3mW
	Radio Channels Description:	40 channels
	Antenna Gain:	0.44 dBi;
	Antenna Type:	Ceramic Antenna
	Antenna Model No.:	RFANT3216120A5T
	Antenna Connect Type:	wiring
	Polarization:	Linear, Vertical
	Antenna Manufacturer:	Walsin Technology Corporation
	Antenna Manufacturer Address:	No. 566-1 Gaoshi Road, Gaoshan Lane 5, Yangmei Town, Taoyuan County
	Power Supply:	DC 3.7 V from battery

Antenna Size(Dimension) or Photo:

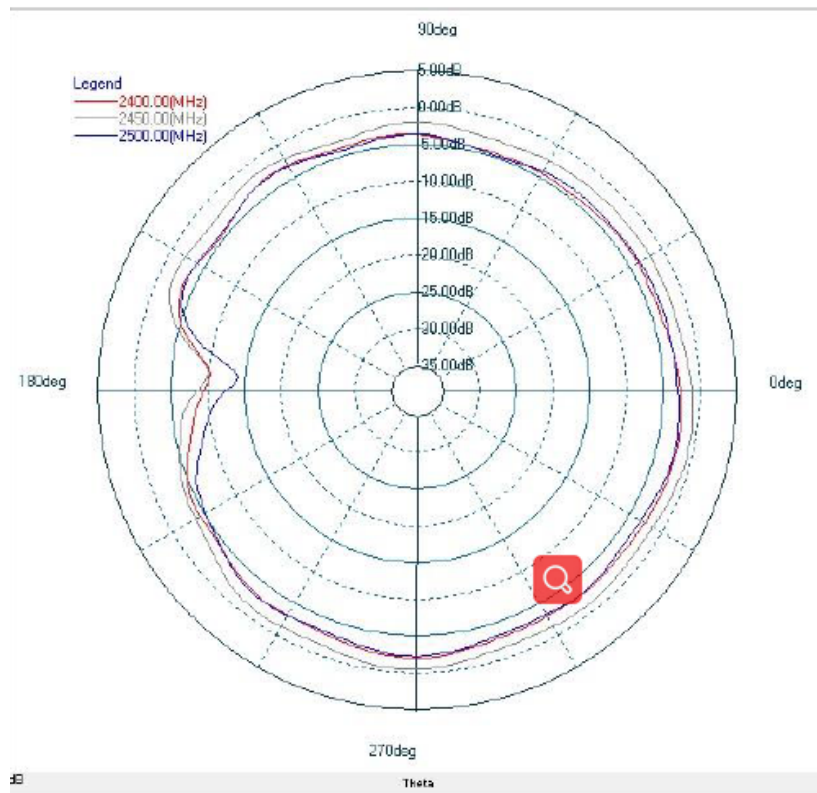
DIMENSIONS

Figure	Symbol	Dimension (mm)
	L	3.20 ± 0.20
	W	1.60 ± 0.10
	T	1.20 ± 0.10
	a	0.25 ± 0.15

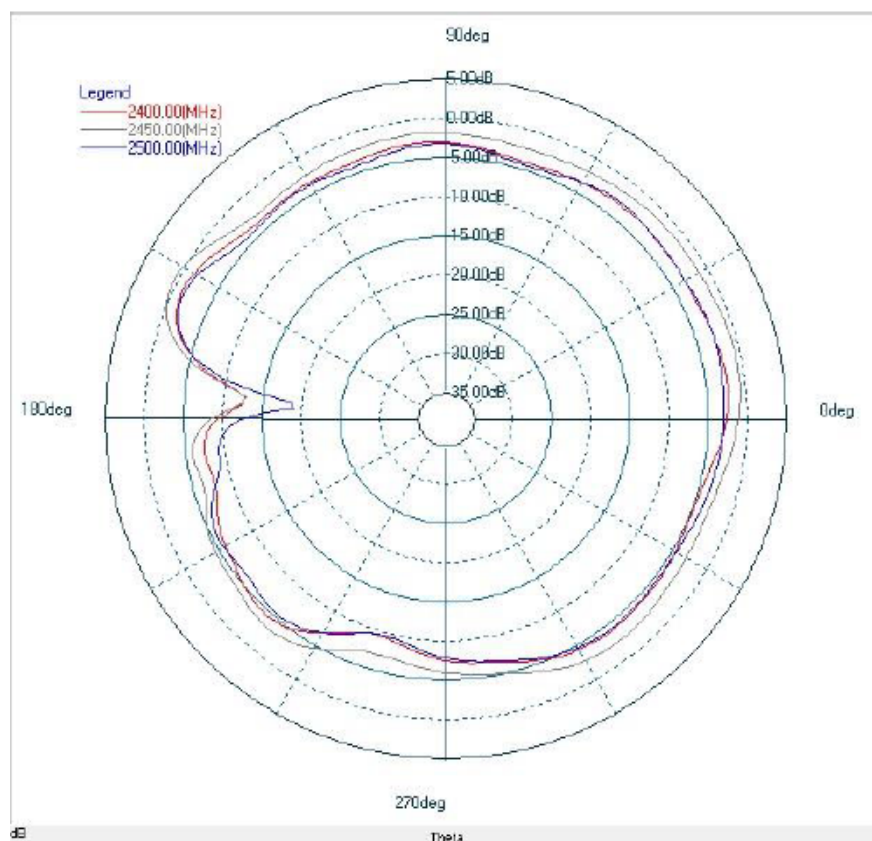
2. Radiation Pattern



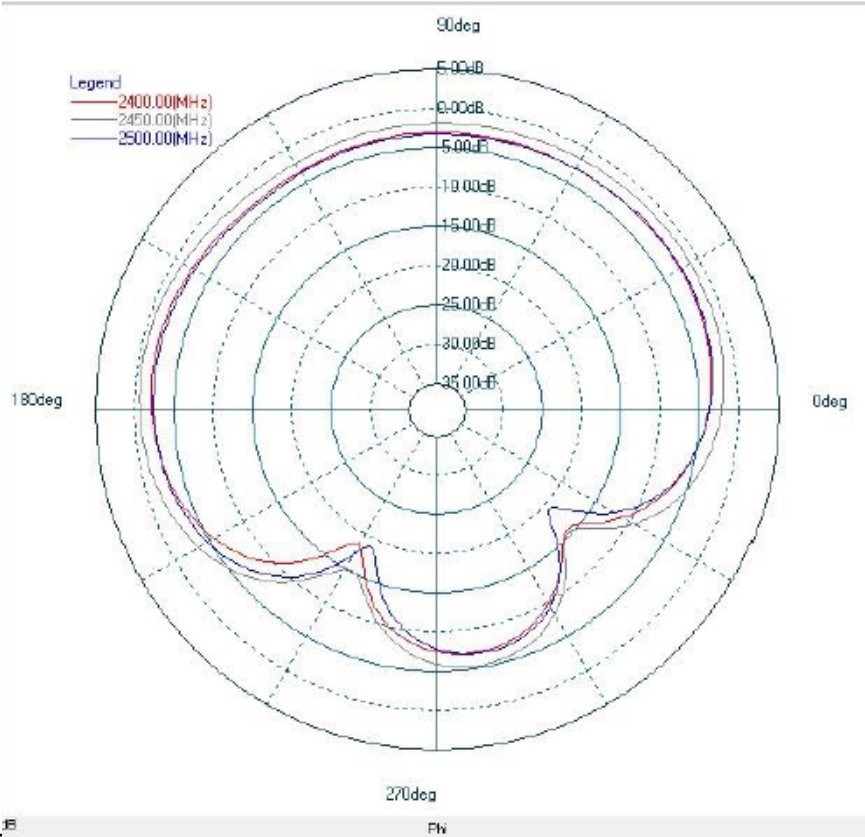
Radiation pattern: Antenna 1. XZ Plane



Radiation pattern: Antenna 1. YZ Plane



Radiation pattern: Antenna 1. XY Plane



Frequency [MHz]	ZX plane		ZY plane		(XY plane)	
	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
2400	-2.13	-3.71	-1.07	-4.39	-1.95	-4.58
2450	-0.58	-2.18	0.44	-2.85	-0.51	-3.09
2500	-2.38	-3.91	-1.43	-4.62	-2.31	-4.64