

# Antenna Specification

## 1. Antenna Information

Manufacturer	Walsin Technology Corporation
Model	NA
Type	chip
Gain	0.44dBi

Antenna Test Lab: VIS (SHANGHAI) TECHNOLOGY LIMITED

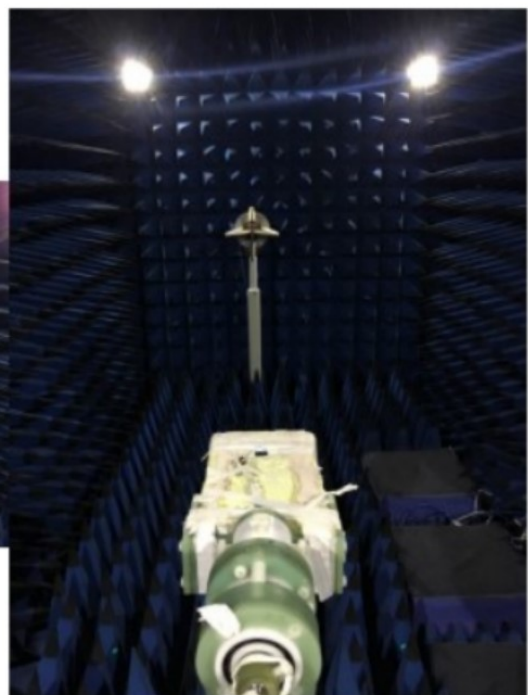
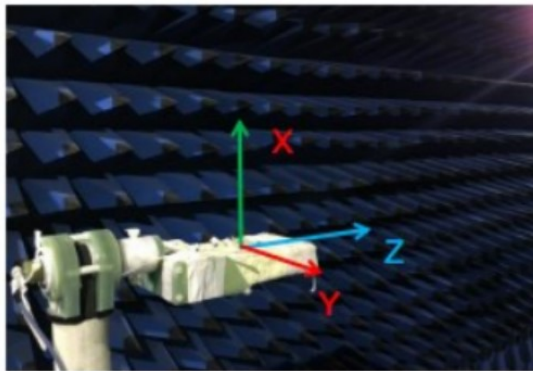
Specification		
Description	Operation Frequency :	2450 ± 50 MHz
	Output power:	3mW
	Radio Channels Description:	40 channels
	Antenna Gain:	0.44 dBi;
	Antenna Type:	Chip
	Antenna Brand:	N/A
	Antenna Model No.:	N/A
	Antenna Connect Type:	wiring
	Polarization:	Linear, Vertical
	Antenna Manufacturer:	Walsin Technology Corporation
Antenna Test Lab:	VIS (SHANGHAI) TECHNOLOGY LIMITED	
Power Supply:	DC 3.7 V from battery	

Antenna Size(Dimension) or Photo:

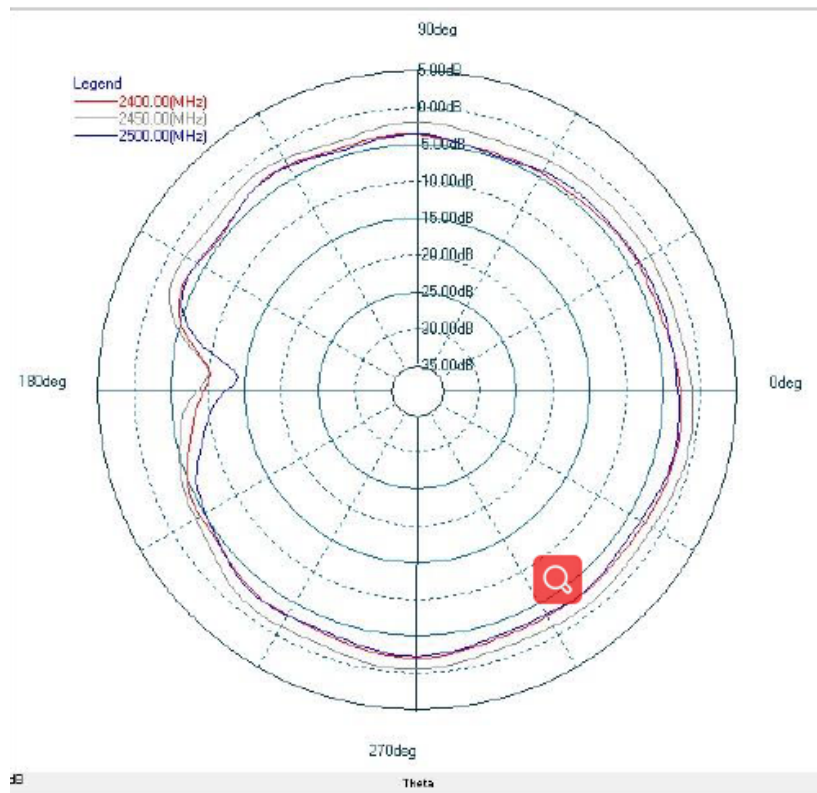
**DIMENSIONS**

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

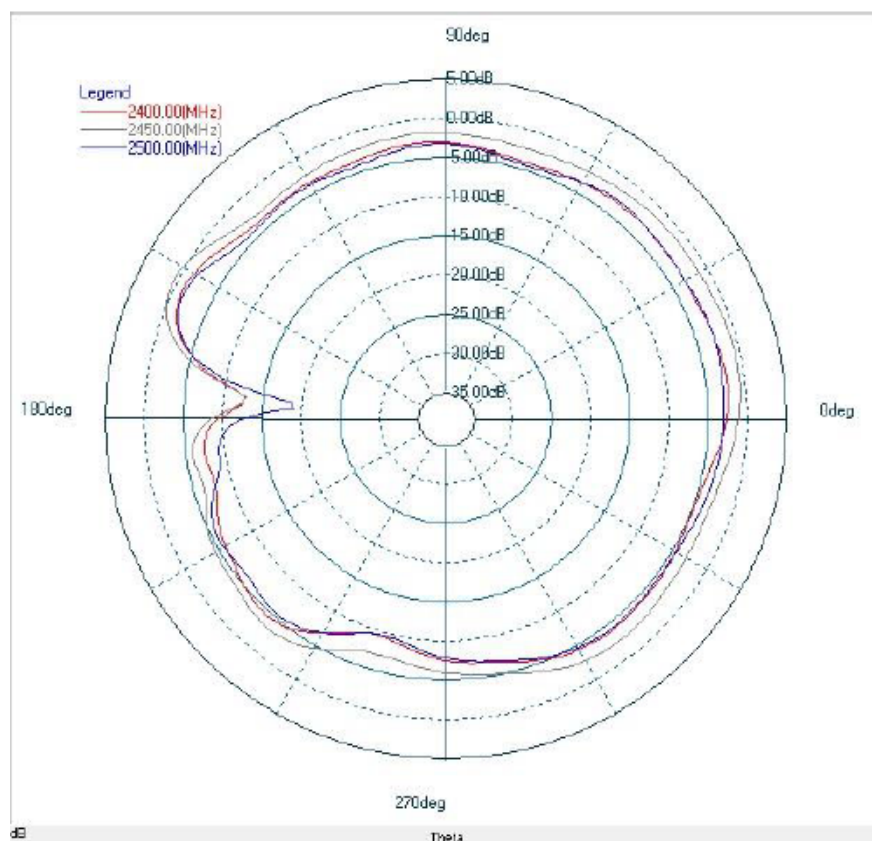
## 2. Radiation Pattern



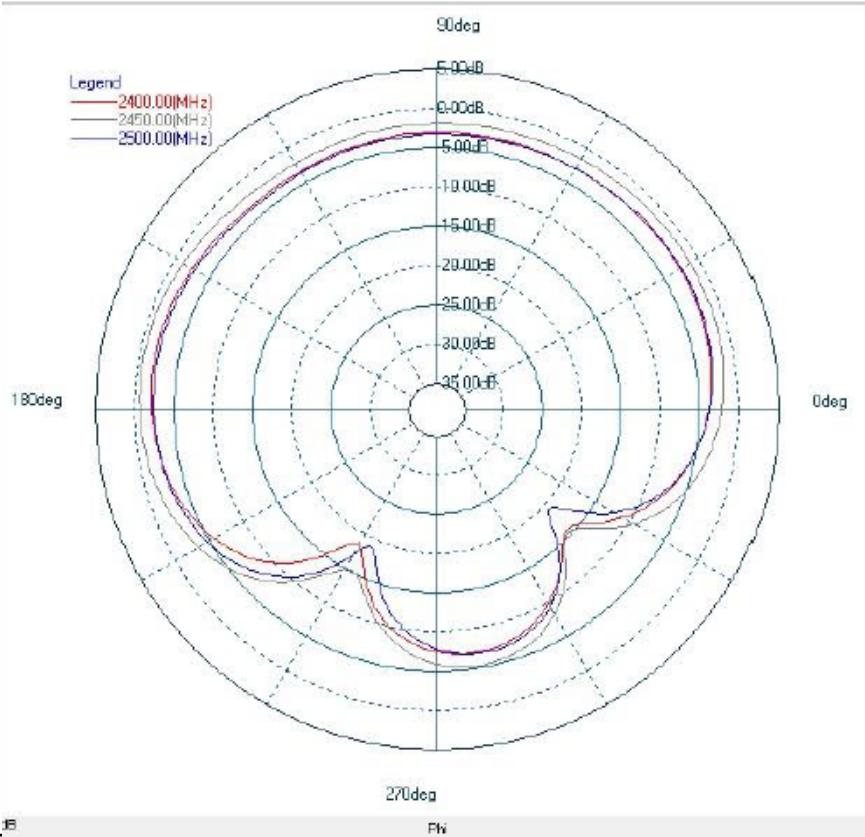
## Radiation pattern: Antenna 1. XZ Plane



## 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