

SPECIFICATION

Antenna Manufacturer Name	Walsin Technology Corporation
Address	566-1, Ko-Shi Road , Yang-Mei, Tao-Yuan, 32668, Taiwan
Test DATE	2024/11/20
DATASHEET REVISION	V1.0
Ant. Name	BT Antenna
Ant. Type	Chip Antenna

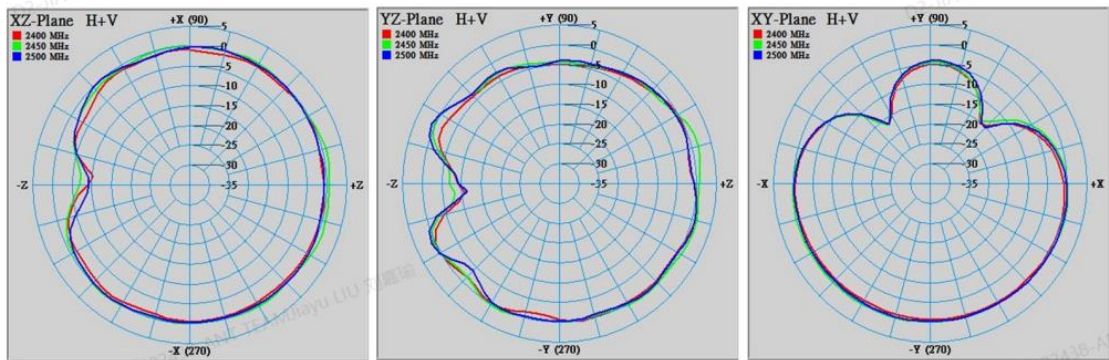
Description of Antenna

Antenna Peak Gain:

BT Antenna Gain

Item	Specification
Working Frequency Range	2.4GHz~2.4835GHz
Max Gain	2.0dBi
VSWR	3.0 Max
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω
Power Capacity	3W max
Maximum Input power	5 Watts for 5 minutes

BT Antenna Pattern:



	ZX plane		ZY plane		XY plane	
Frequency [MHz]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
2400	-0.18	-1.35	0.88	-1.72	-0.20	-2.31
2450	1.02	-0.42	1.71	-0.96	0.48	-1.61
2500	0.05	-0.90	0.97	-1.39	0.38	-1.83

BT Antenna S11:

Antenna S11 on Type-2 Test Board

