

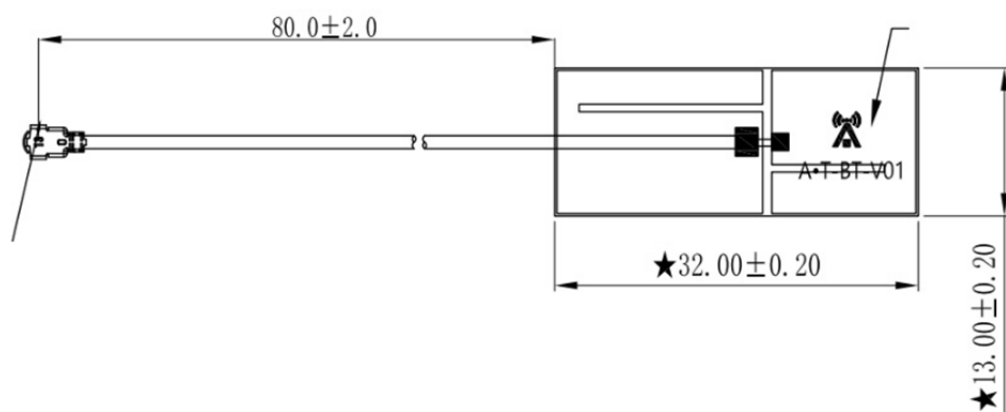
BT Antenna Specification

FPC Antenna

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Tian Street, Guangming New District, Shenzhen, China**

1. Structure drawing

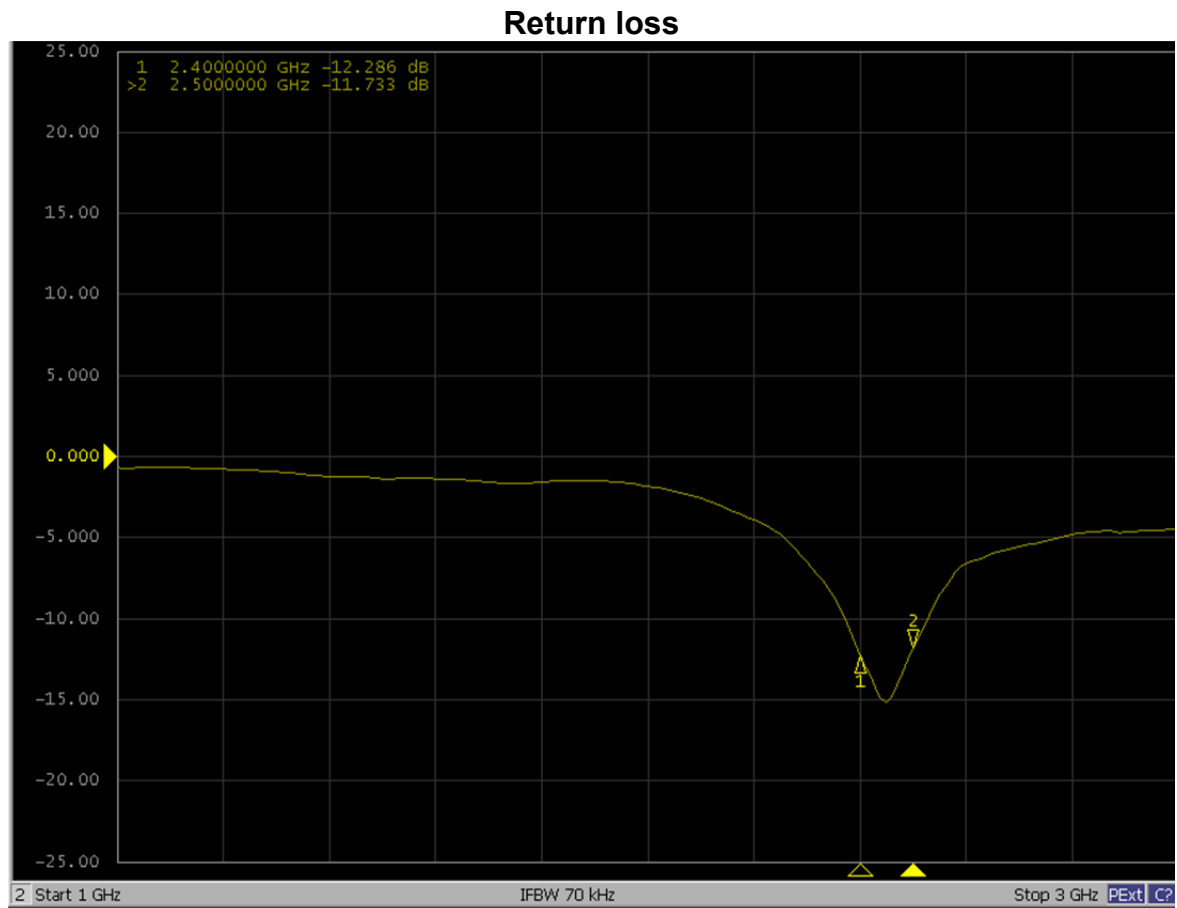


Unit: mm

2. Specification

Electrical property parameter	
Frequency range	2400~2500MHz
Input impedance	50Ω
Return loss	≥-10dB
Maximum gain	2.68dBi
Polarization mode	Linear polarization
Radiation direction	omnidirectional
Mechanical parameter	
Antenna size	32*13MM
Material	FPC+CABLE
Wire specification	Φ1.13*80
Terminal specification	Primary terminal
Salt spray test	Over 48H
Environmental parameter	
Operating temperature	-45℃--+85℃

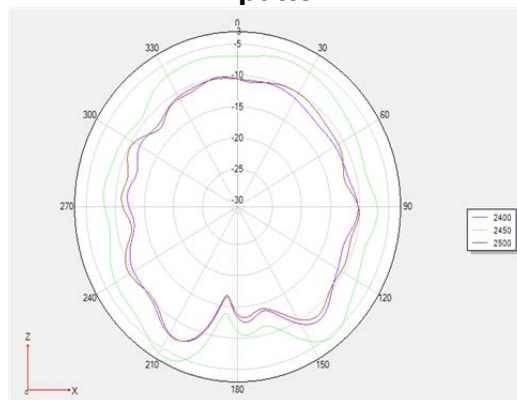
3. Antenna test parameters



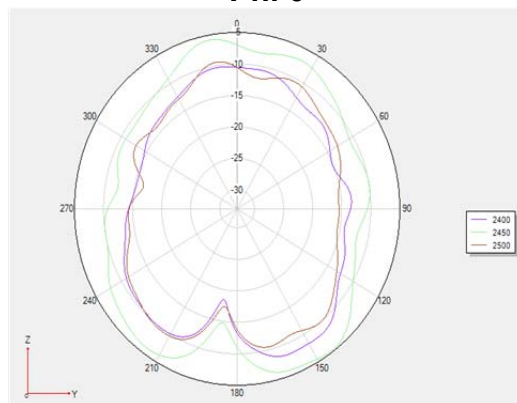
Antenna efficiency

Frequency/Mhz	Efficiency/dB	Efficiency/%	Max Gain/dBi
2400	-2.53	55.8	2.27
2410	-2.89	51.4	2.68
2420	-2.73	53.3	2.01
2430	-2.93	50.9	2.04
2440	-2.6	54.9	2.07
2450	-3.02	49.9	2
2460	-2.7	53.7	2.17
2470	-3.07	49.3	2.06
2480	-3.04	49.7	2.14
2490	-2.95	50.7	1.34
2500	-3.06	49.4	1.37

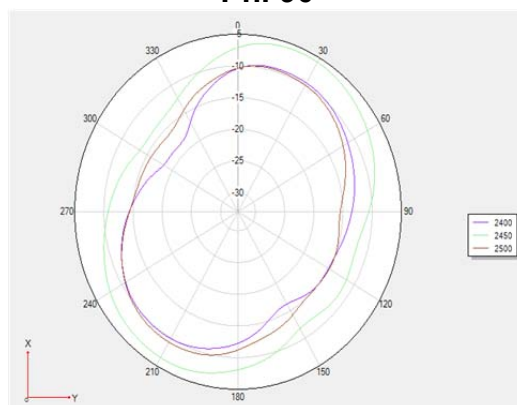
2D pattern



Phi 0



Phi 90



Theta 90