

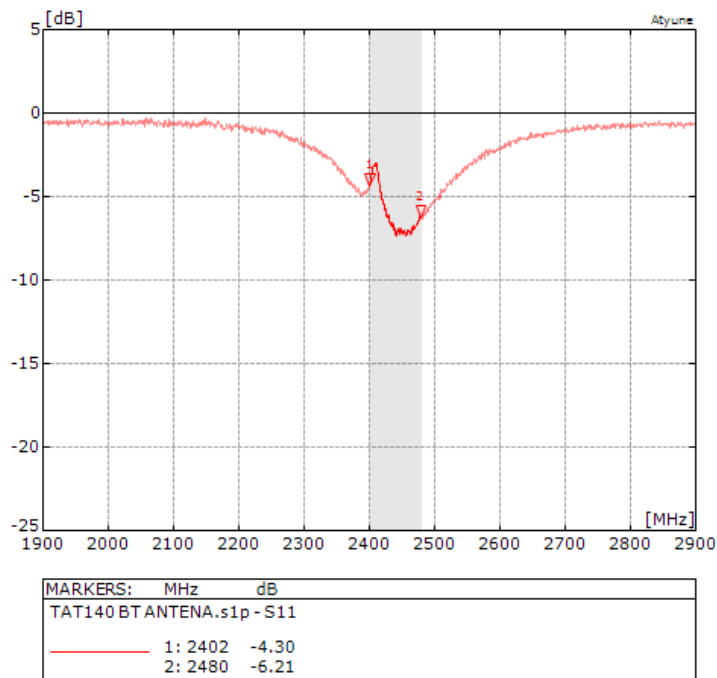
TAT141 Bluetooth antenna test report

- **Frequency bands:** 2402-2480 MHz
- **Internal Metal antenna.**
- **Impedance:** 50 Ohm.
- **Applications:** Bluetooth
- **Polarization mode:** Linear.
- **Radiation pattern:** Omni-directional.

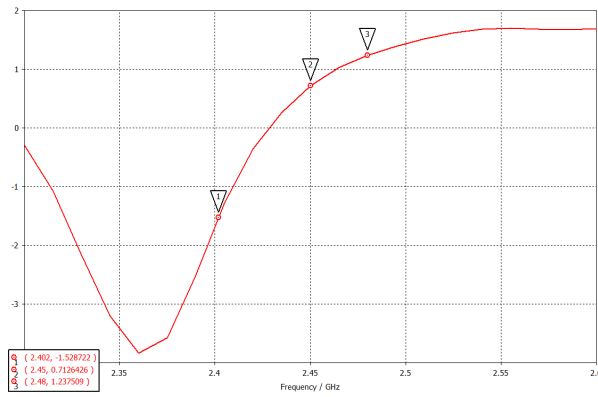
Specifications:

Frequency Range, MHz	Peak gain, dBi	Max VSWR (in BW)
2402 MHz	-1.529	≤ 5
2450 MHz	0.713	≤ 3
2480 MHz	1.238	≤ 3.5

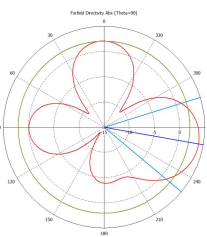
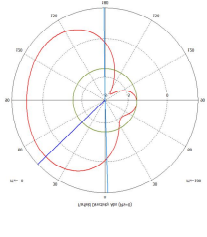
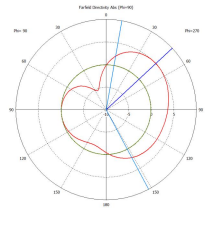
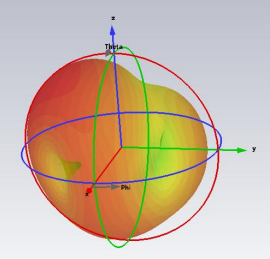
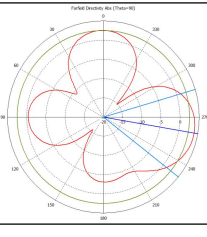
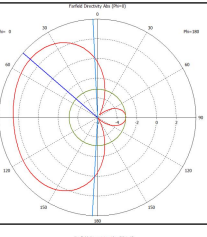
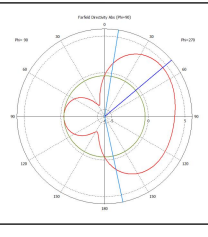
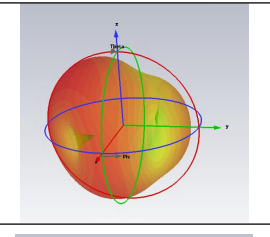
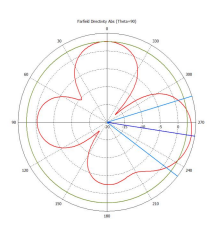
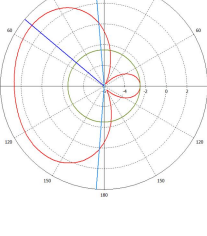
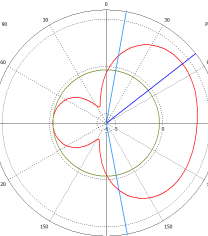
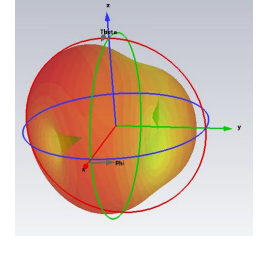
Return loss:



GAIN:



Directional patterns

Frequency	XY(Theta=90)	XZ (phi=0)	YZ(Phi=90)	3D
2402 Mhz				
2450 MHz				
2480 MHz				



Testing equipment used:

Network analyzer	R&S ZVL 6GHz
Spectrum analyzer	R&S FSU8
Frequency generator	Agilent E4438C
Antenna radiation tester	OTA testing system