

Antenna Test Report

RD Number	SSP-220119-03
Joymax P/N	IHF-2120MPX9-W018
Project Name	
Customer's P/N	
Product Description	BT Antenna
Frequency Range	2400~2483.5MHz
Released Date	August 31, 2022
Created by	Nick Qiu
Reviewed by	Matt Xie, Sara Chen

1. Return Loss/ VSWR

1.



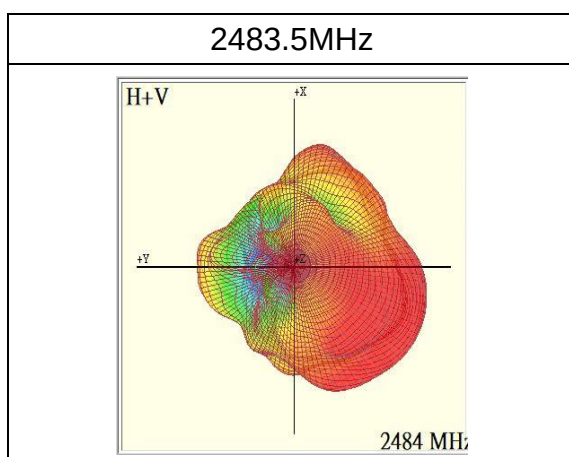
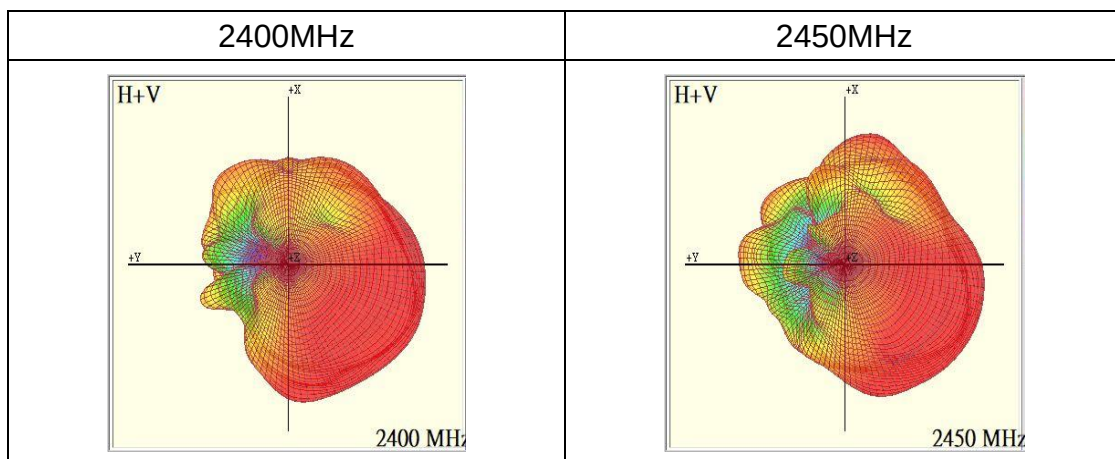
1.1 Test Configuration

	Test-cable type : Semi-rigid	Test Cable length(mm) : 400
Adapter: SMA to I-PEX	Test table : N/A	Test table size(mm) : N/A
Test Distance(mm) : 400	Location of Antenna: place in the middle of Styrofoam place	

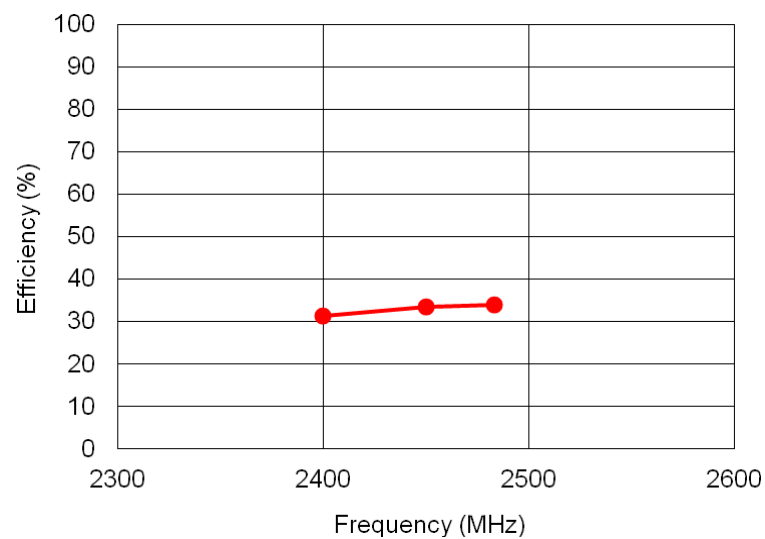
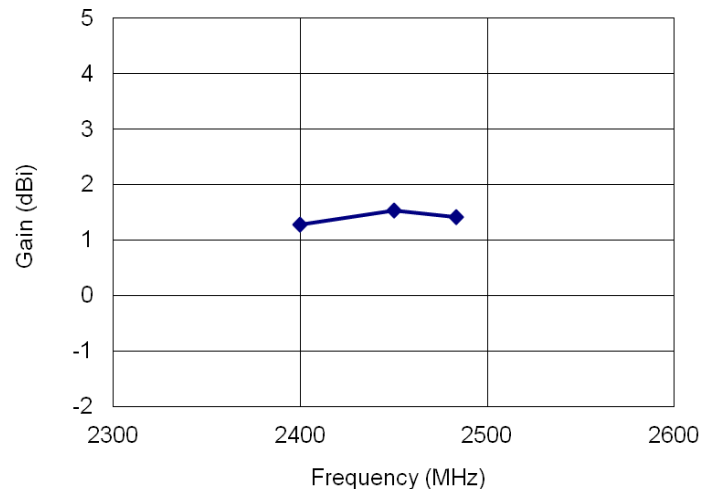
2. 2D Radiation Pattern(With ground)

2-1. Test Configuration

2-2. 3D Radiation Pattern(With ground)



3. Efficiency and Gain



Frequency (MHz)	2400	2450	2483.5
Gain (dBi)-	1.28	1.53	1.42
Efficiency (%)	31.26	33.42	33.89