

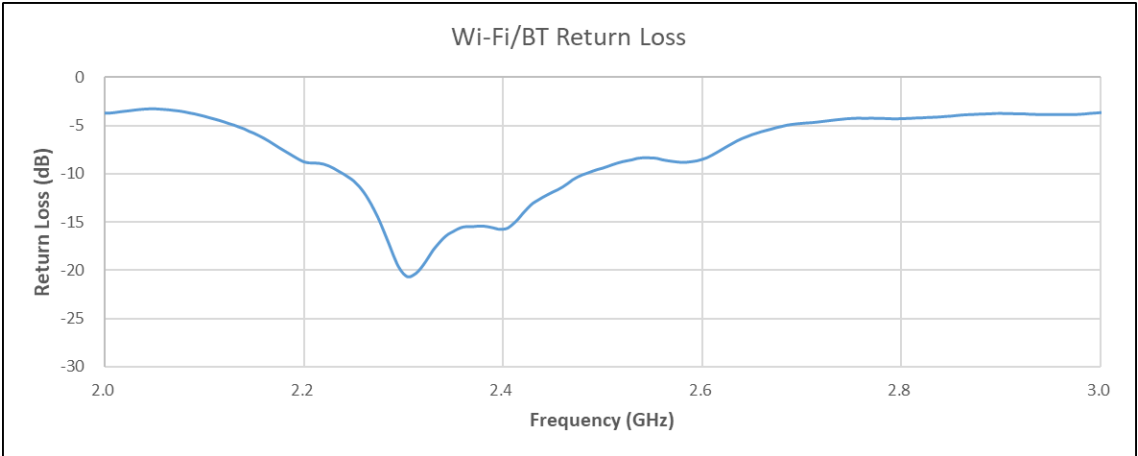
Wi-Fi/BT Antenna

Brand: Hong-Bo **Part No.:** 290-11601

Antenna Specification

Antenna Type	PIFA Antenna
Antenna Part Number	290-11601
Measurement frequency	2400MHz ~2500MHz
Antenna cable color	White
Antenna cable length	133 mm
Antenna cable diameter	1.37 mm
Connector	I-PEX

Antenna Return Loss

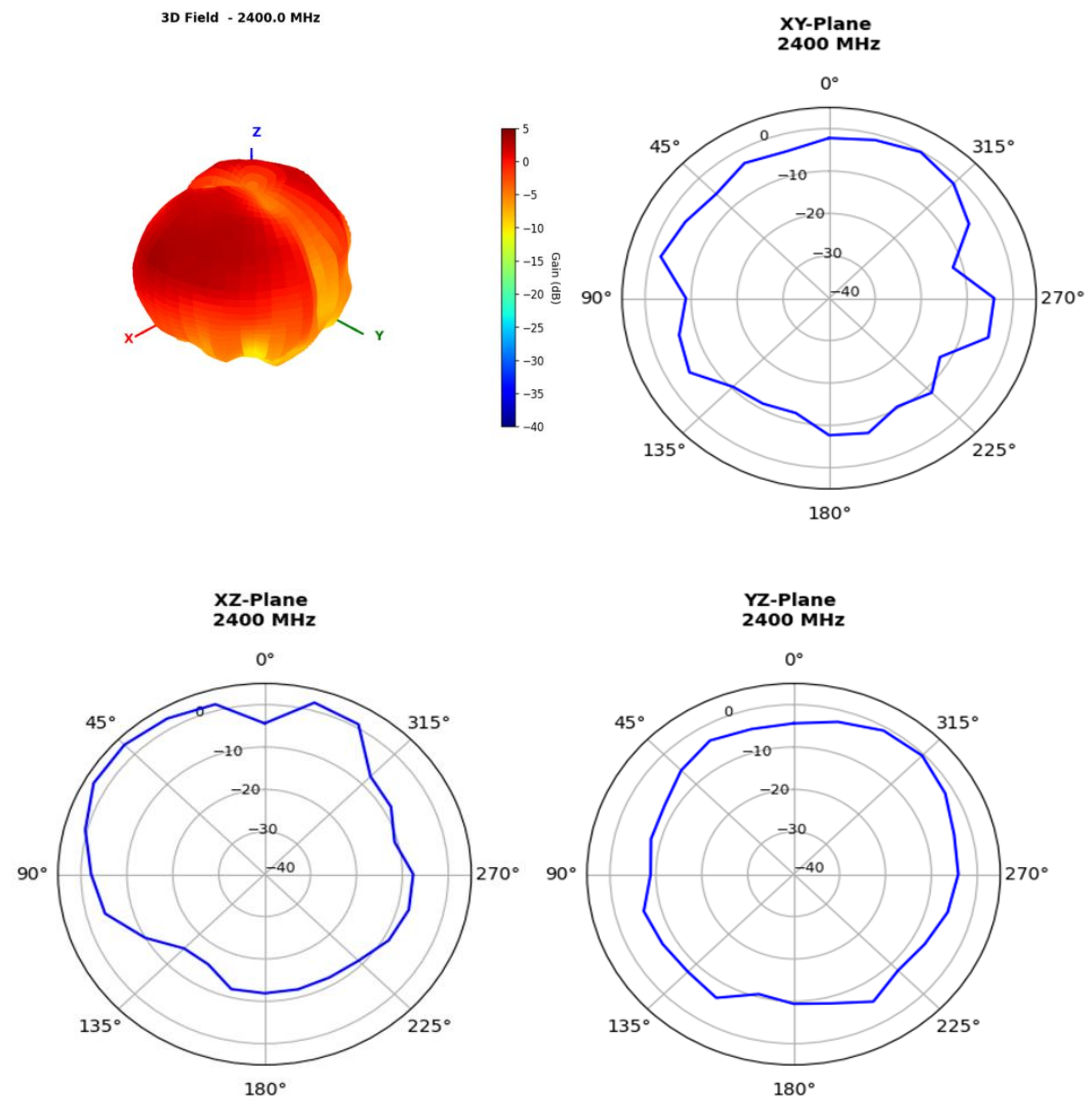


Antenna Efficiency & Peak Gain

Frequency (MHz)	Efficiency (dB)	Peak Gain (dBi)
2400	-3.24	3.71
2412	-3.33	3.30
2437	-3.63	3.28
2450	-3.64	3.15
2462	-3.63	3.18
2483	-3.65	3.55
2500	-3.56	3.52

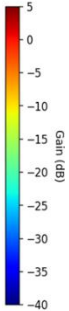
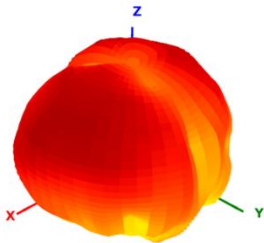
Radiation characteristics of antenna loaded in Host Platform

2400 MHz

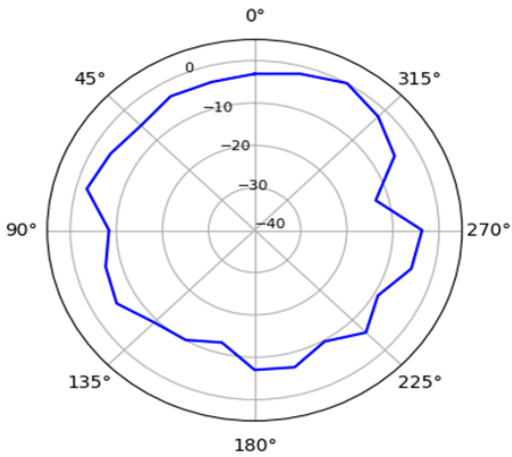


2410 MHz

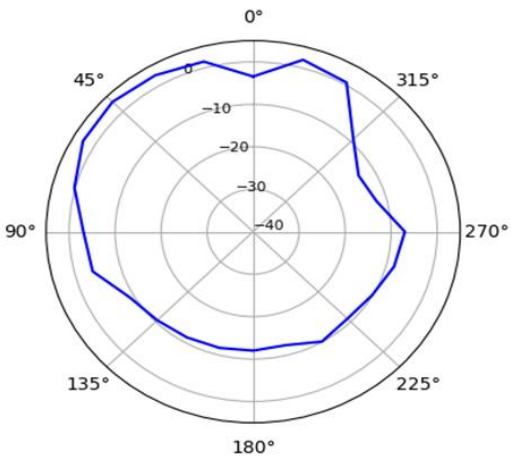
3D Field - 2412.0 MHz



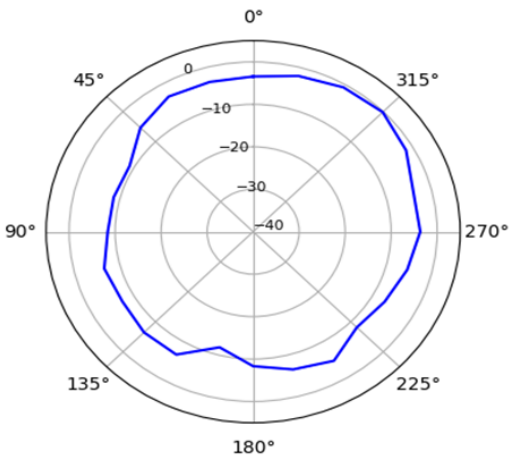
XY-Plane
2412 MHz



XZ-Plane
2412 MHz

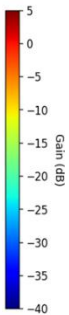
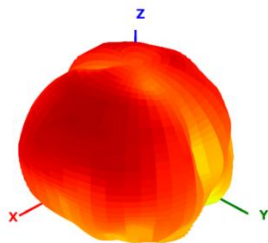


YZ-Plane
2412 MHz

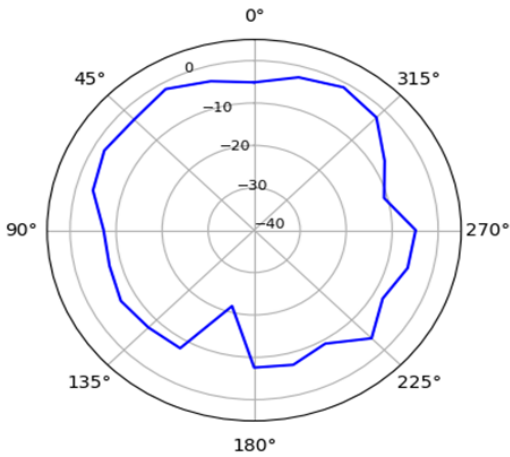


2437 MHz

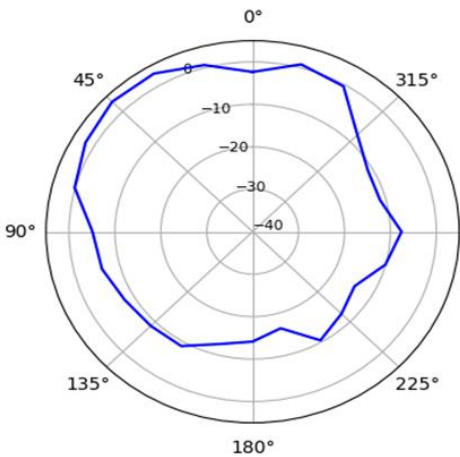
3D Field - 2437.0 MHz



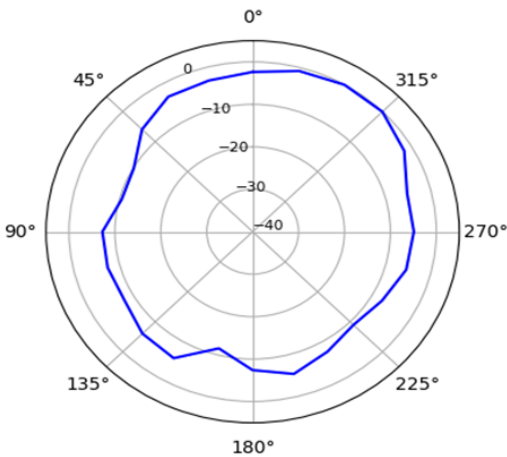
XY-Plane
2437 MHz



XZ-Plane
2437 MHz

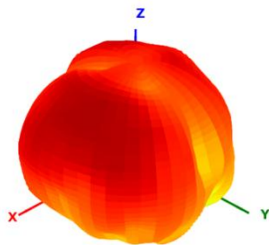


YZ-Plane
2437 MHz

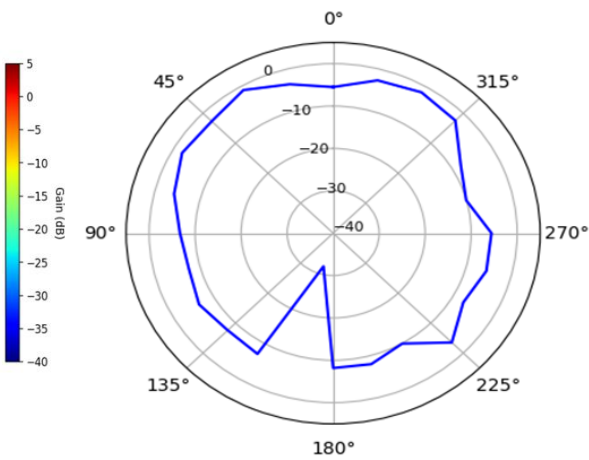


2450 MHz

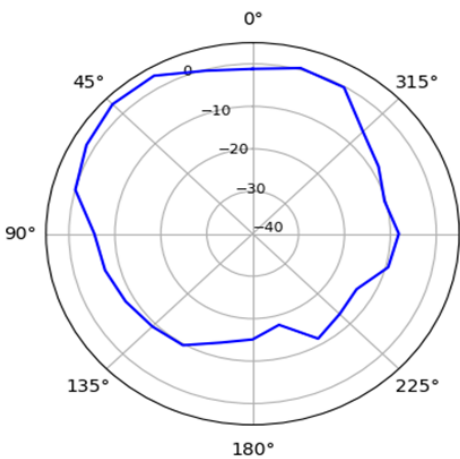
3D Field - 2450.0 MHz



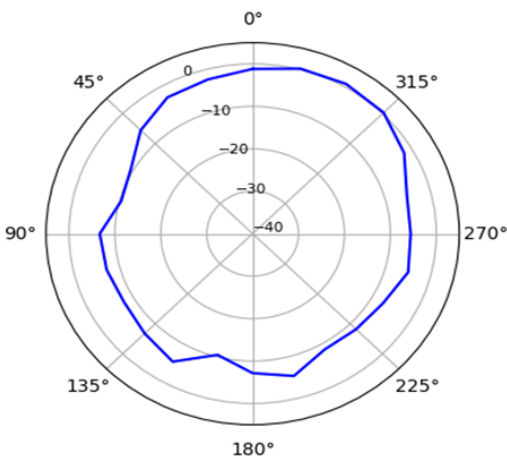
XY-Plane
2450 MHz



XZ-Plane
2450 MHz

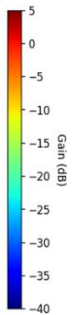
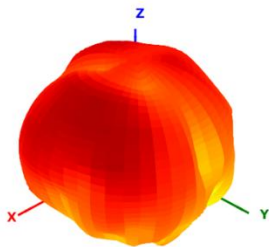


YZ-Plane
2450 MHz

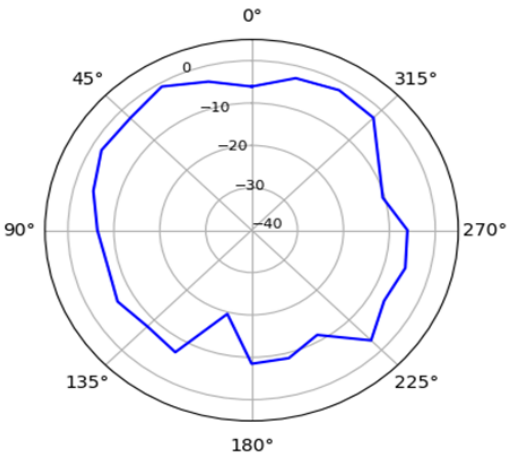


2462 MHz

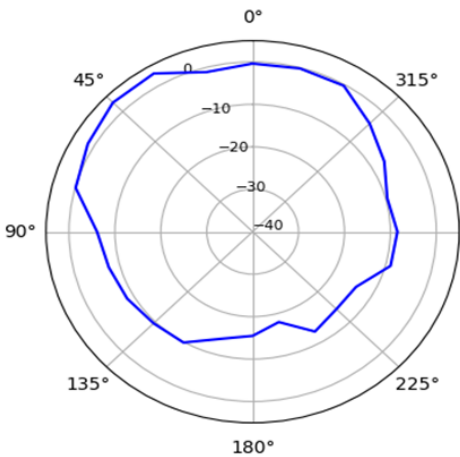
3D Field - 2462.0 MHz



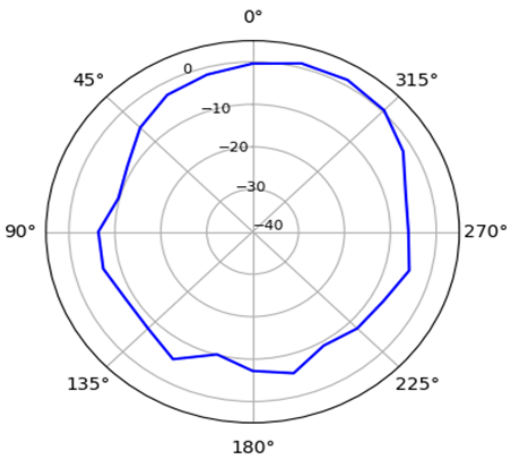
XY-Plane
2462 MHz



XZ-Plane
2462 MHz

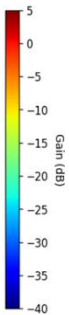
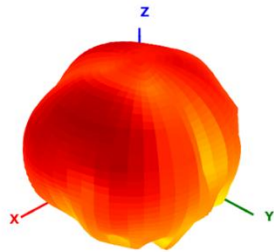


YZ-Plane
2462 MHz

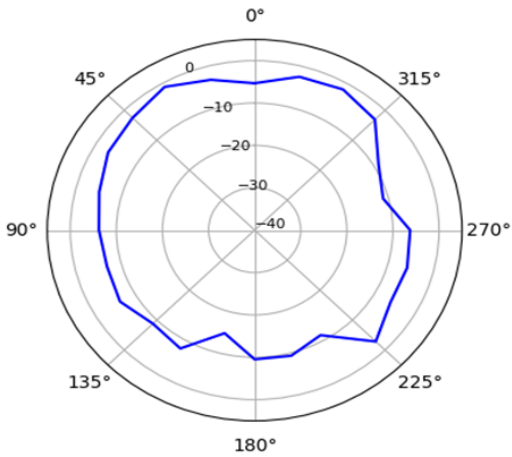


2483 MHz

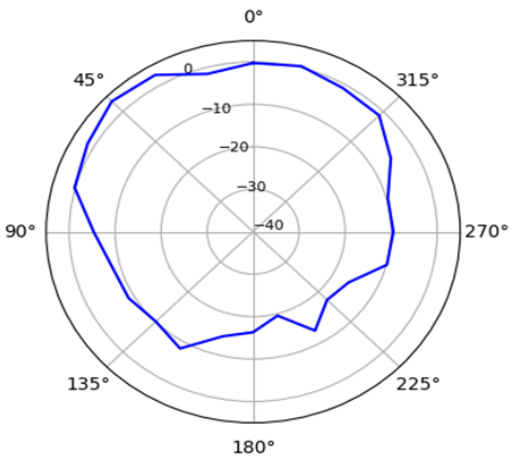
3D Field - 2483.0 MHz



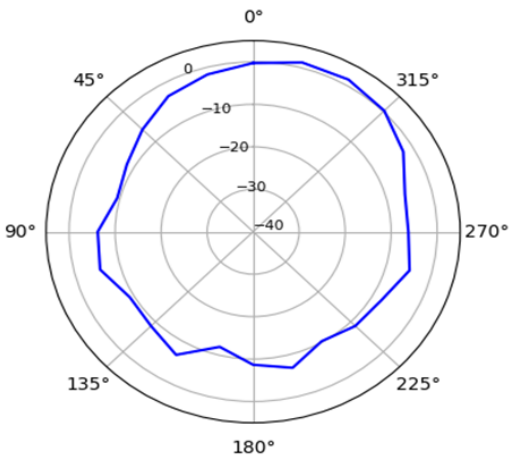
XY-Plane
2483 MHz



XZ-Plane
2483 MHz

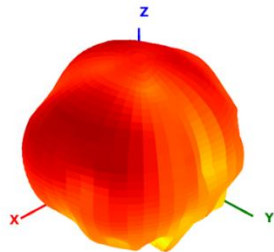


YZ-Plane
2483 MHz

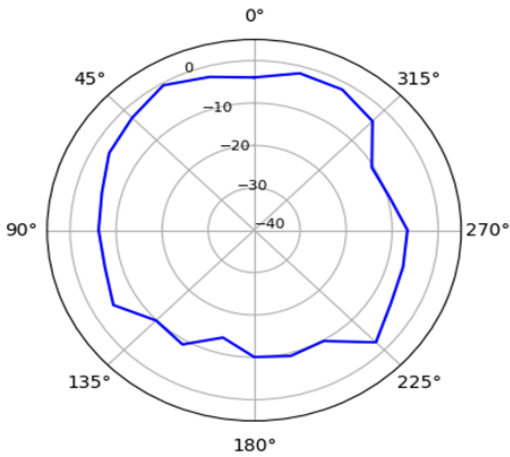


2500 MHz

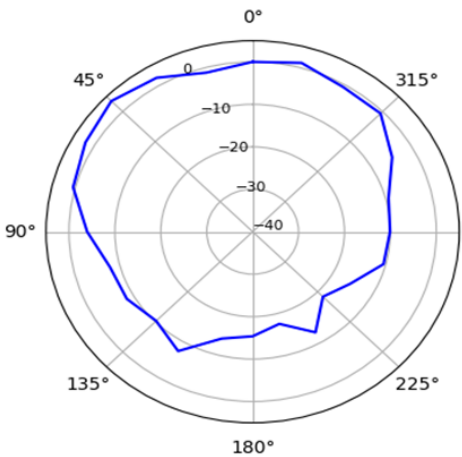
3D Field - 2500.0 MHz



XY-Plane
2500 MHz



XZ-Plane
2500 MHz



YZ-Plane
2500 MHz

