



BT Antenna

【OB1966】 Project

Date 2024/11/24

Author Tim

ANTENNA GAIN :2.05 dBi

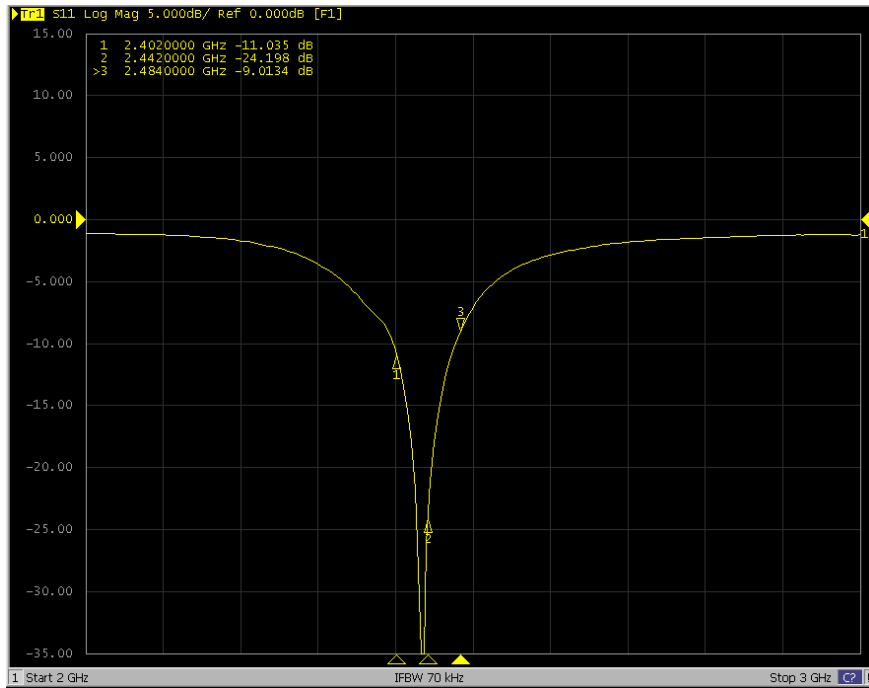
ANT TYPE:PCB Antenna

Manufacturer: LiTE-ON Technology Corp

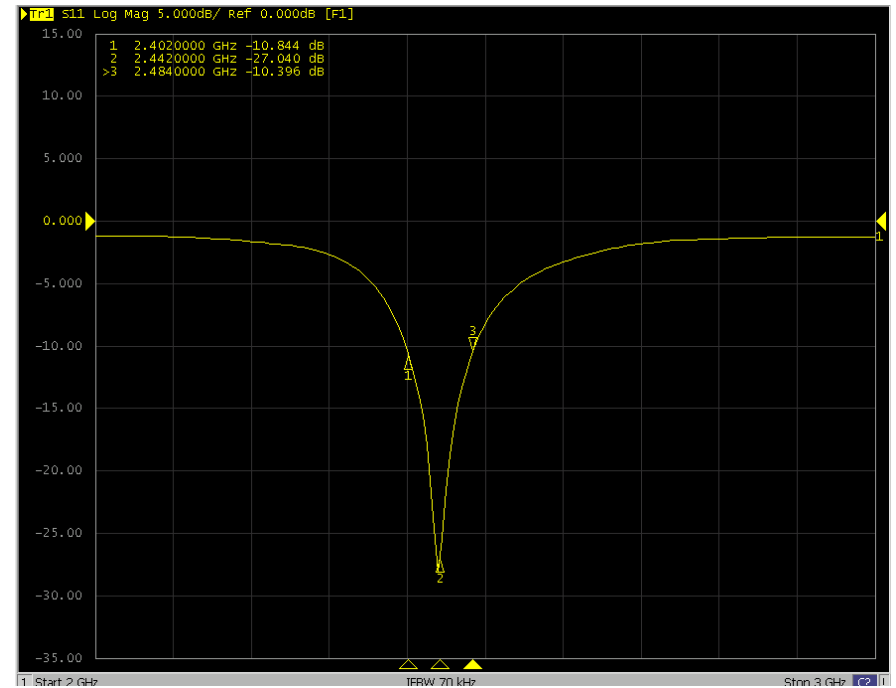
Environment

Test Point 

Antenna S11

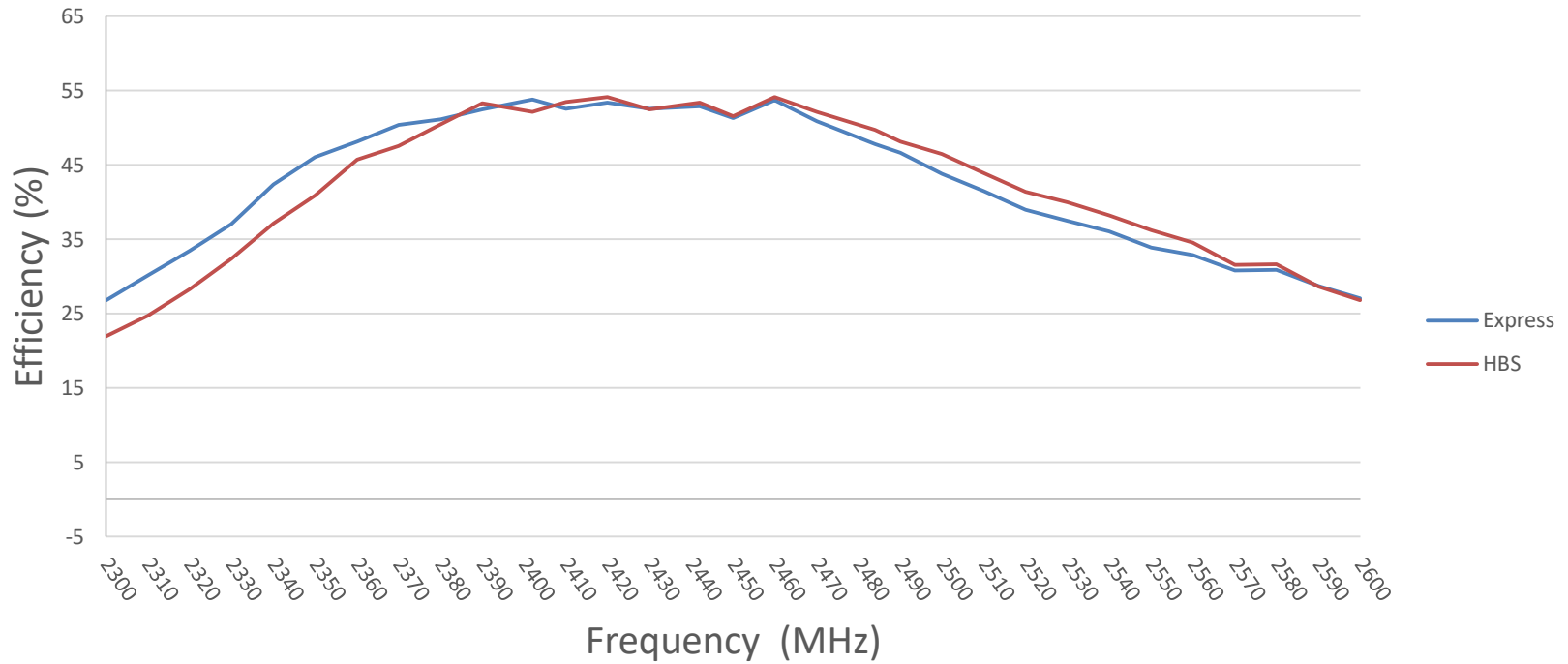


Express



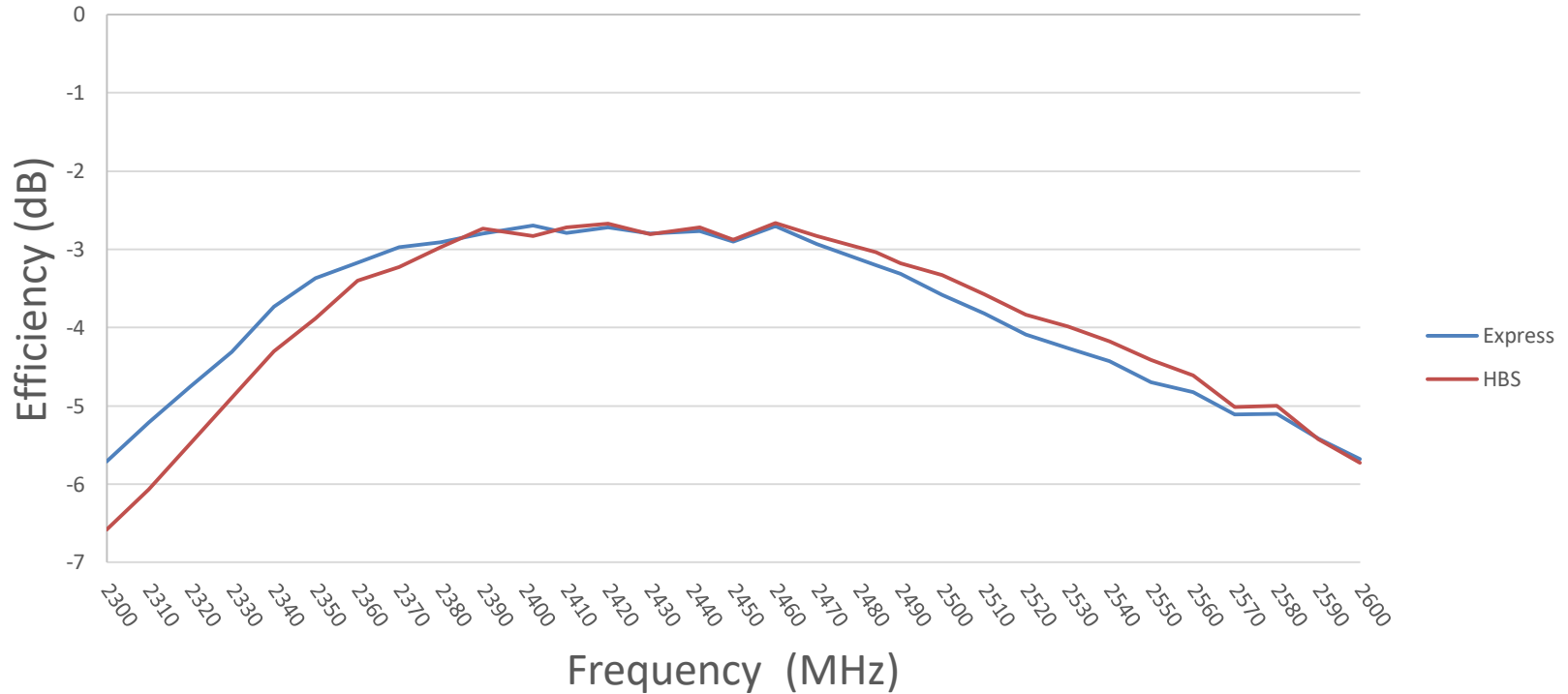
HBS

Antenna Efficiency



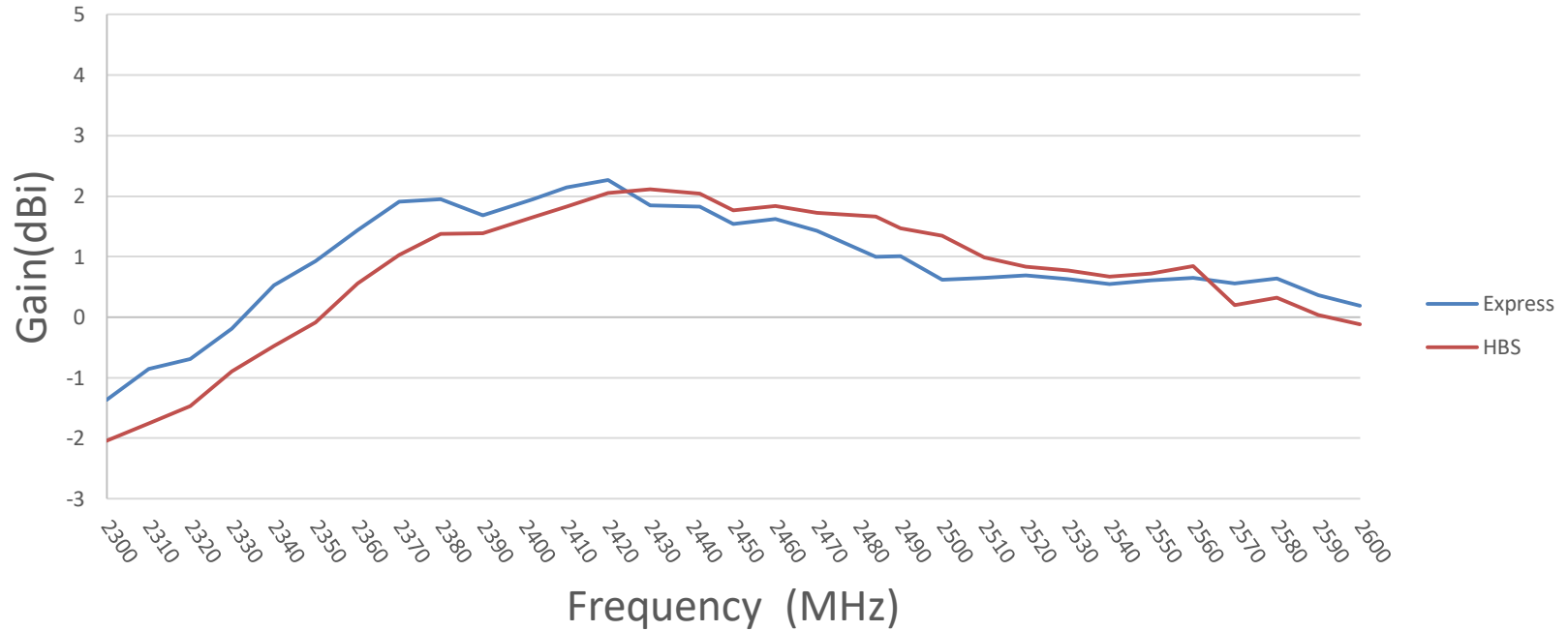
Frequency (MHz)	2402	2442	2484
SAMPLE 1	53.81	52.90	47.81
SAMPLE 2	52.14	53.43	49.75

Antenna Average Gain



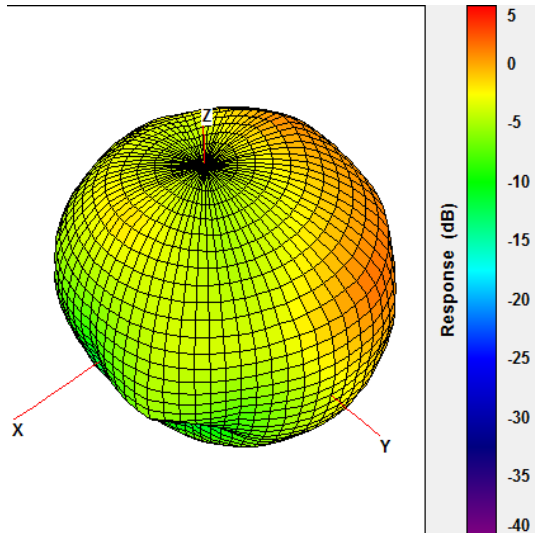
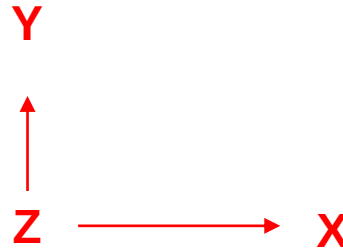
Frequency (MHz)	2402	2442	2484
SAMPLE 1	-2.69	-2.77	-3.21
SAMPLE 2	-2.83	-2.72	-3.03

Antenna Peak Gain

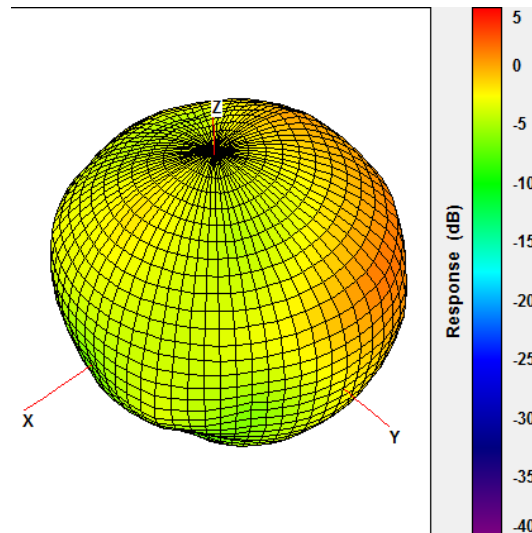


Frequency (MHz)	2402	2442	2484
SAMPLE 1	1.95	1.82	1.00
SAMPLE 2	1.65	2.05	1.66

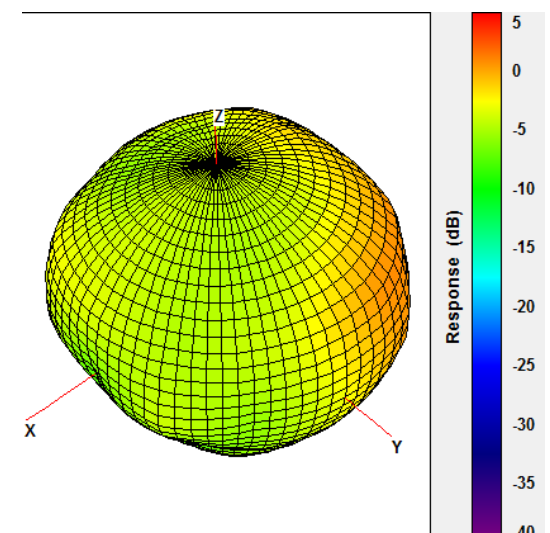
Antenna 3D Pattern (SAMPLE 1)



2402Mhz

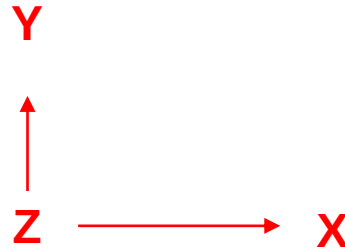


2442Mhz

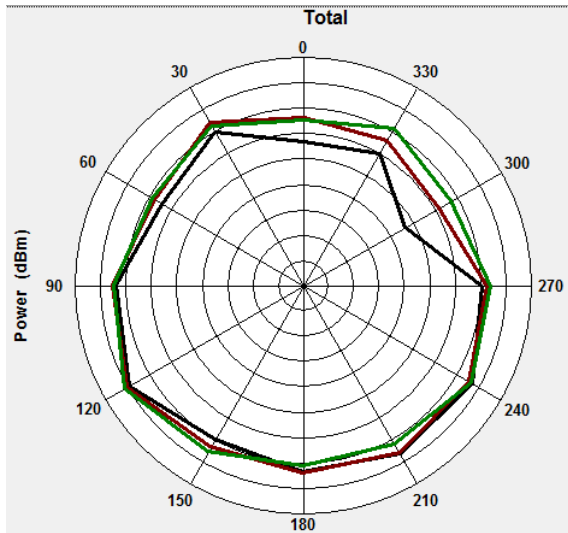


2484Mhz

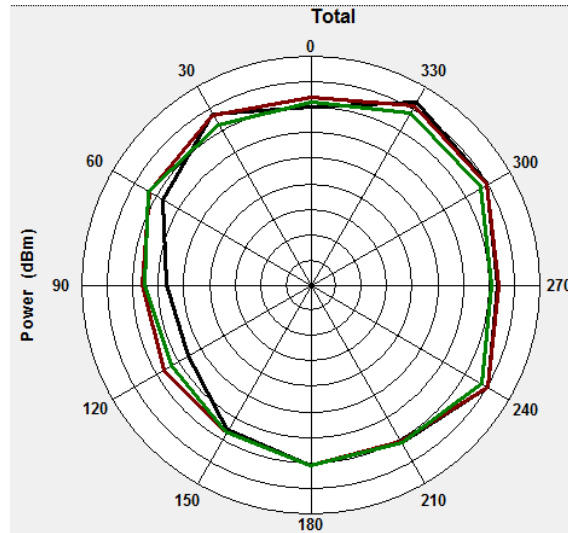
Antenna 2D Pattern (SAMPLE 1)



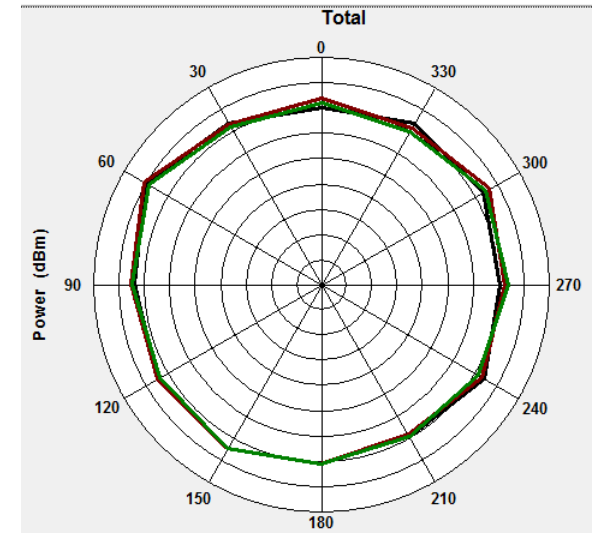
2402 MHz
2442 MHz
2484 MHz



XY-Plane

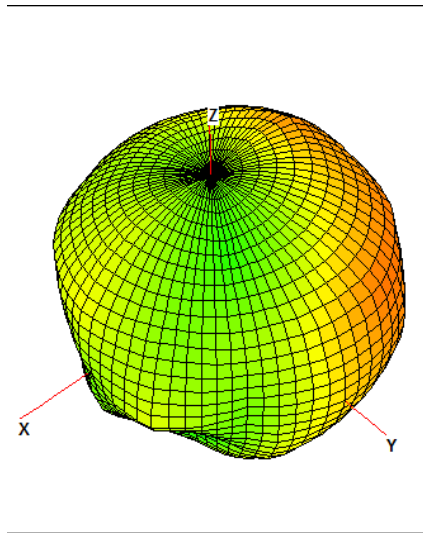
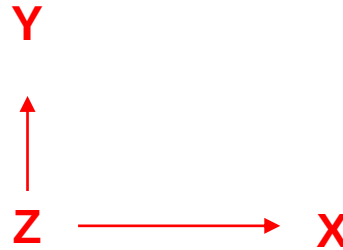


XZ-Plane

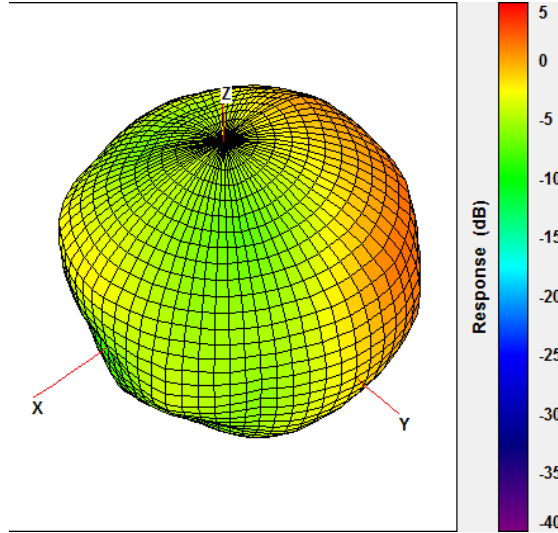


YZ-Plane

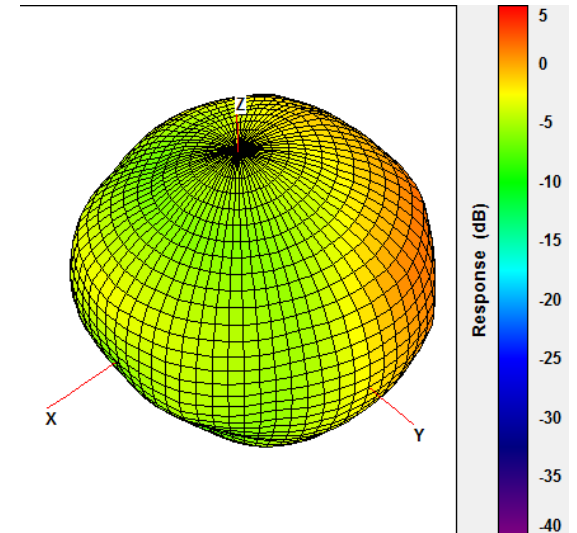
Antenna 3D Pattern (SAMPLE 1)



2402Mhz

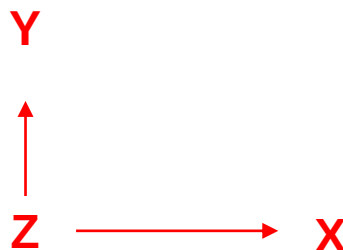


2442Mhz

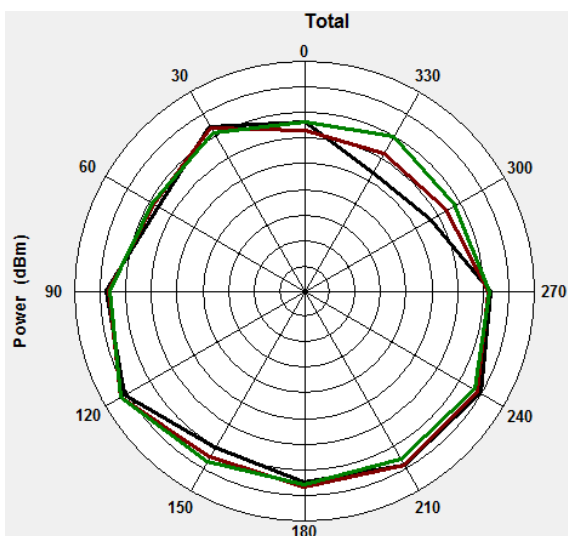


2484Mhz

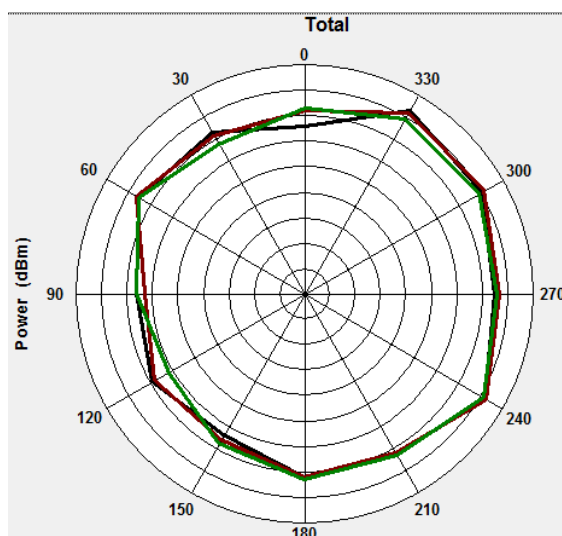
Antenna 2D Pattern (SAMPLE 1)



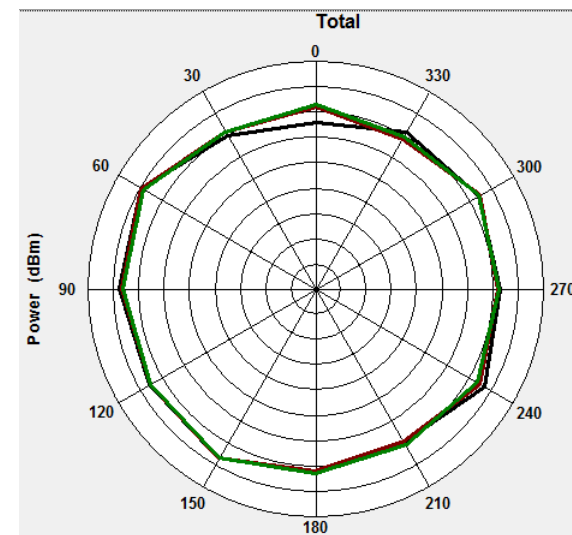
2402 MHz
2442 MHz
2484 MHz



XY-Plane



XZ-Plane



YZ-Plane