

Antenna Test Report

Product name: Bluetooth antenna

Antenna type: PCB antenna

Operating frequency: 2400-2483.5MHz

Antenna Gain: 0.46dBi (MAX)

Test standard: IEEE149-1979,IEEE Stand test Procedures For
Antennas

Manufacturer: Soundmax Electronics Limited

Address: 17/F., EU YAN SANG TOWER, 11-15 CHATHAM ROAD SOUTH,
T.S.T., HONG KONG

Antenna gain& Efficiency

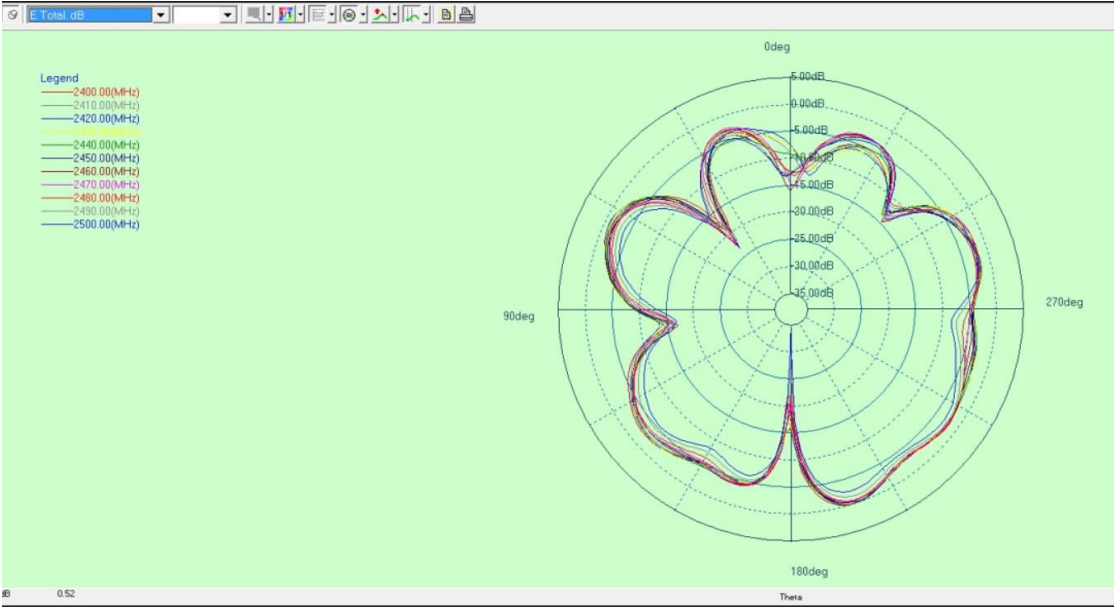
Frequency	Gain (dBi)	Efficiency()
2400MHz	0.22	35%
2410MHz	-0.04	35%
2420MHz	-0.04	35%
2430MHz	0.28	36%
2440MHz	0.46	36%
2450MHz	0.41	36%
2460MHz	0.39	35%
2470MHz	0.33	35%
2480MHz	0.22	34%
2490MHz	-0.31	30%
2500MHz	-1.25	27%

SWR

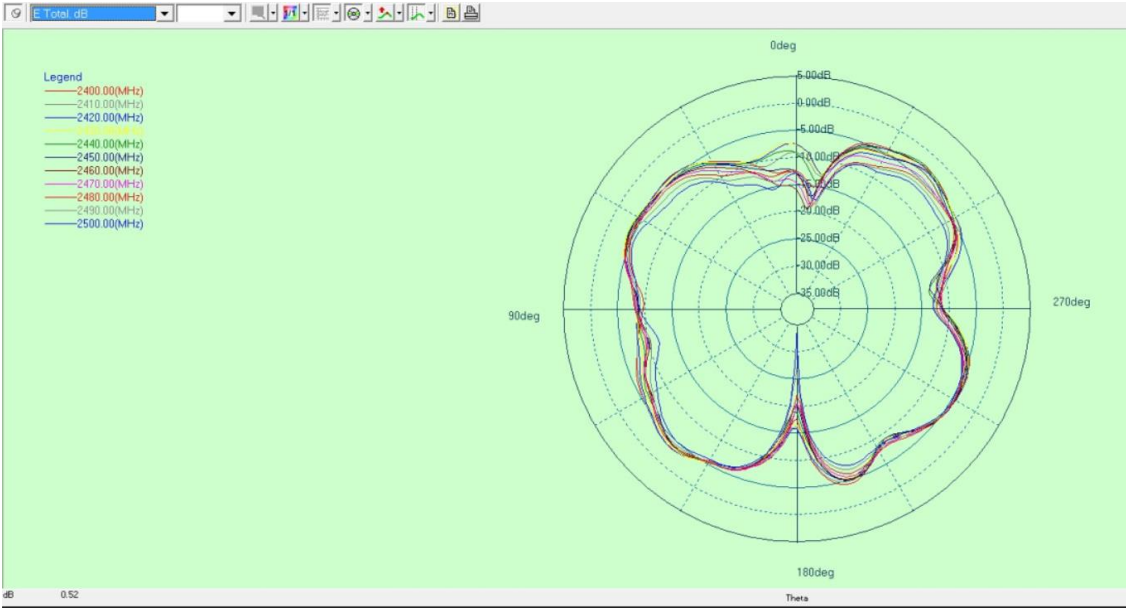
Frequency	SWR
2400MHz	1.88
2450MHz	1.64
2500MHz	1.50

1D radiation Pattern:

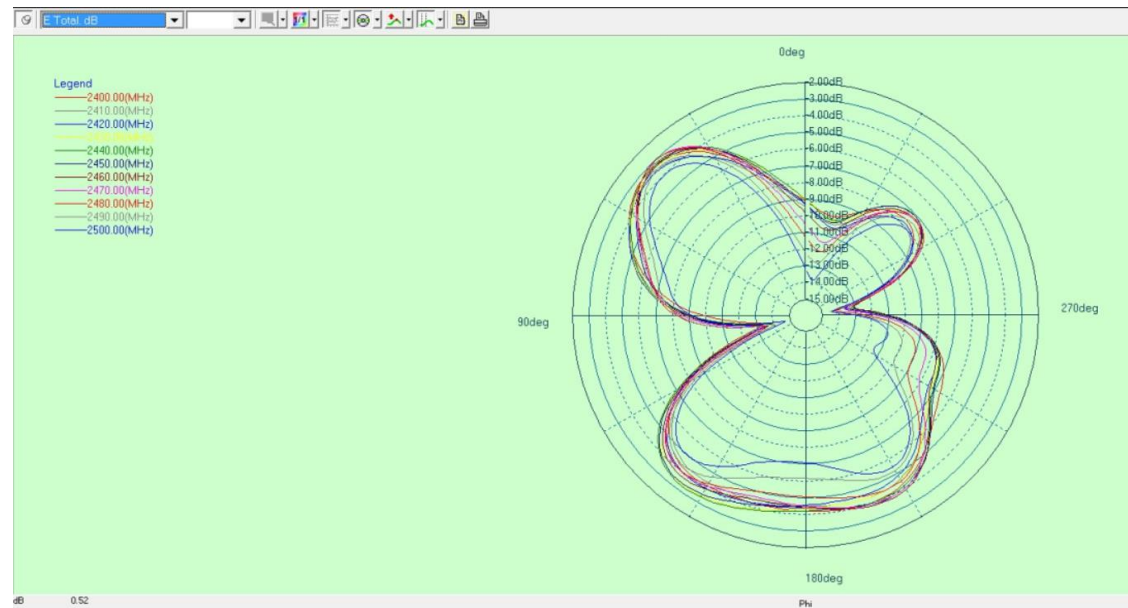
PHI=0



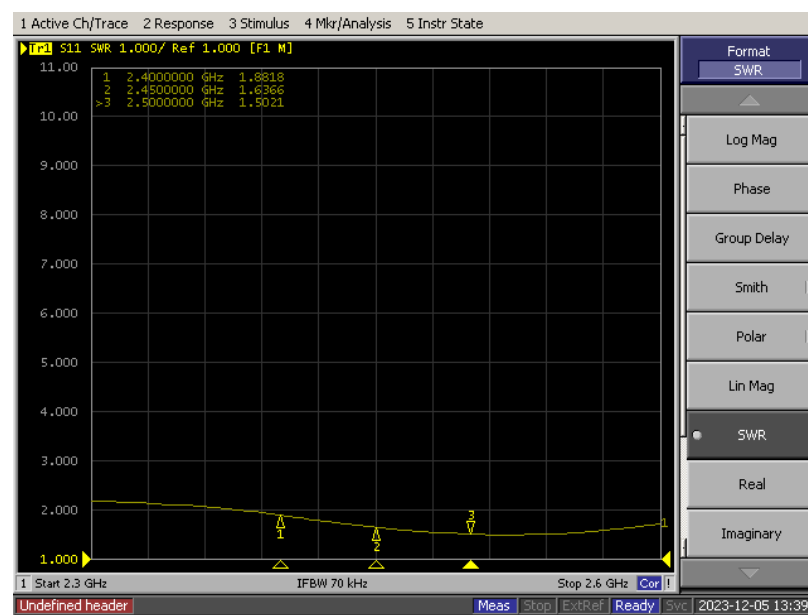
PHI=90



THETA=90



SWR



test photos :

