

Antenna Test Report

Product name: Bluetooth antenna-BLE

Antenna type: Copper tube antenna

Operating frequency: 2400-2500MHz

Antenna Gain: 4.55dBi (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

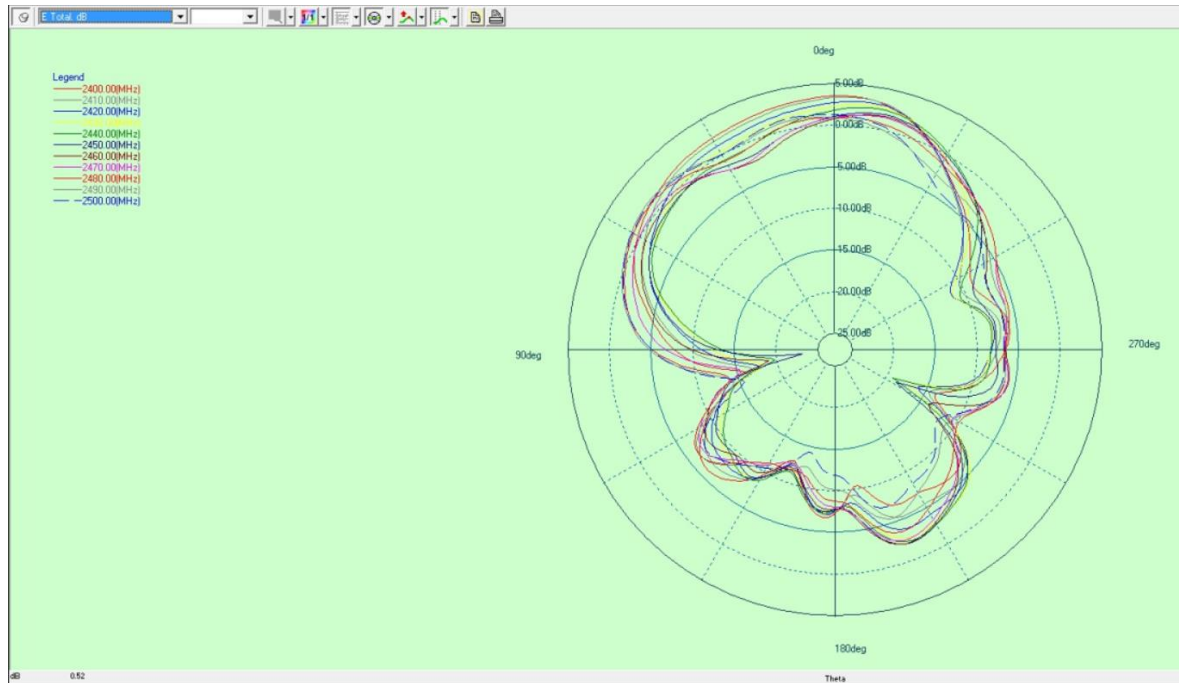
Antenna gain

Frequency	Gain (dBi)	Efficiency()
2400MHz	4.46	48%
2410MHz	4.55	46%
2420MHz	4.38	44%
2430MHz	4.20	45%
2440MHz	3.76	44%
2450MHz	3.08	41%
2460MHz	2.40	38%
2470MHz	1.88	38%
2480MHz	2.36	38%
2490MHz	2.67	37%
2500MHz	2.72	36%

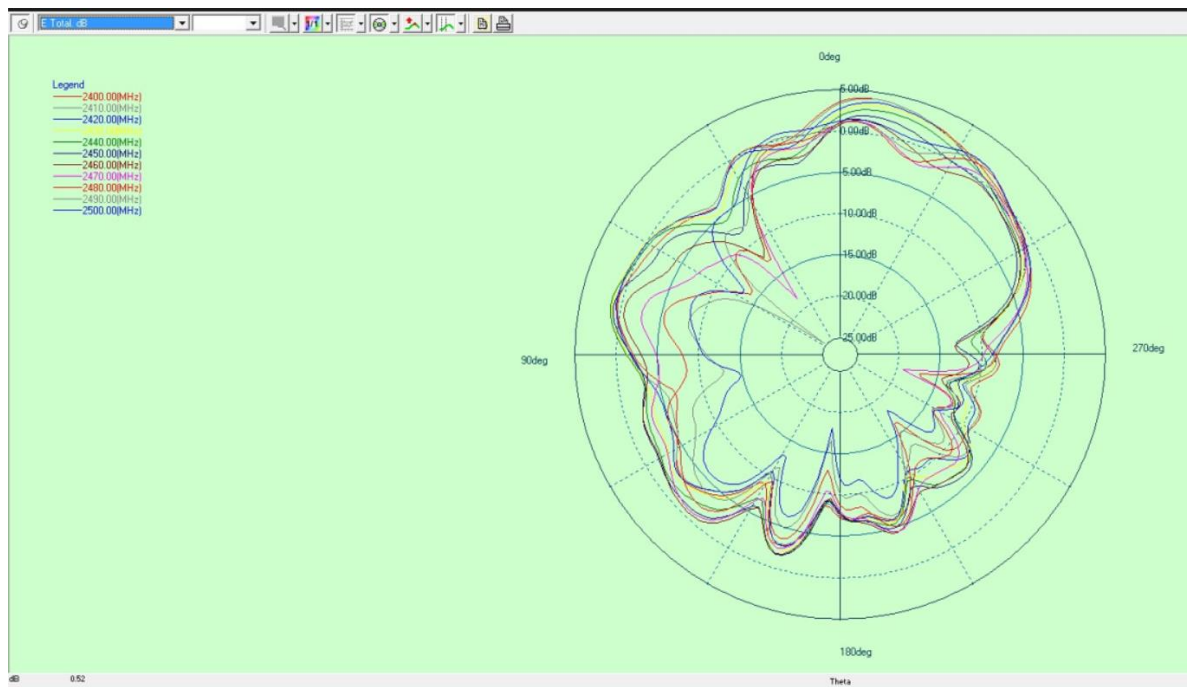
Frequency	SWR	SMITH
2400MHz	1.36	36.88
2450MHz	1.60	63.37
2500MHz	1.71	55.22

1D radiation Pattern:

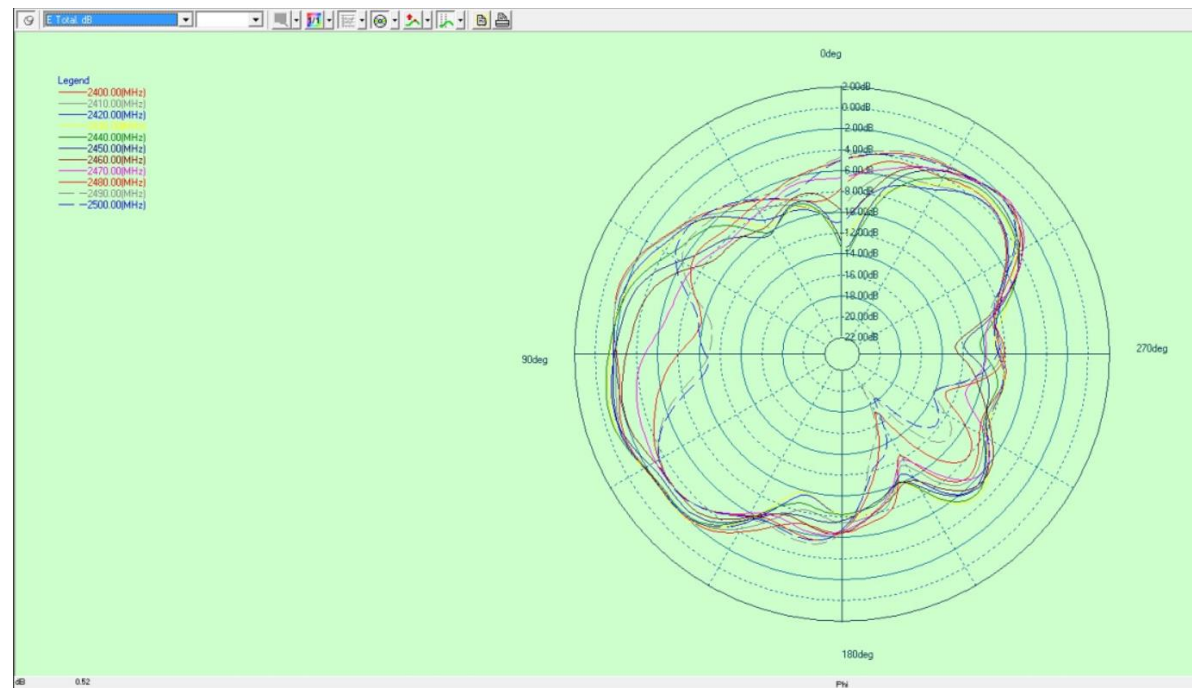
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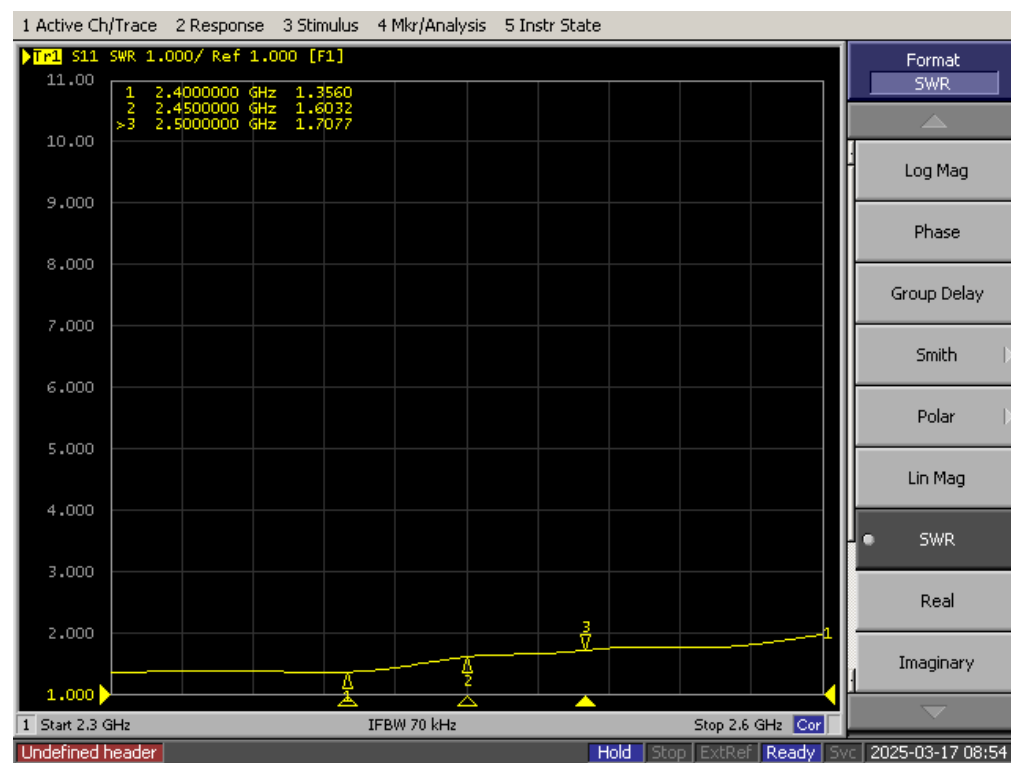
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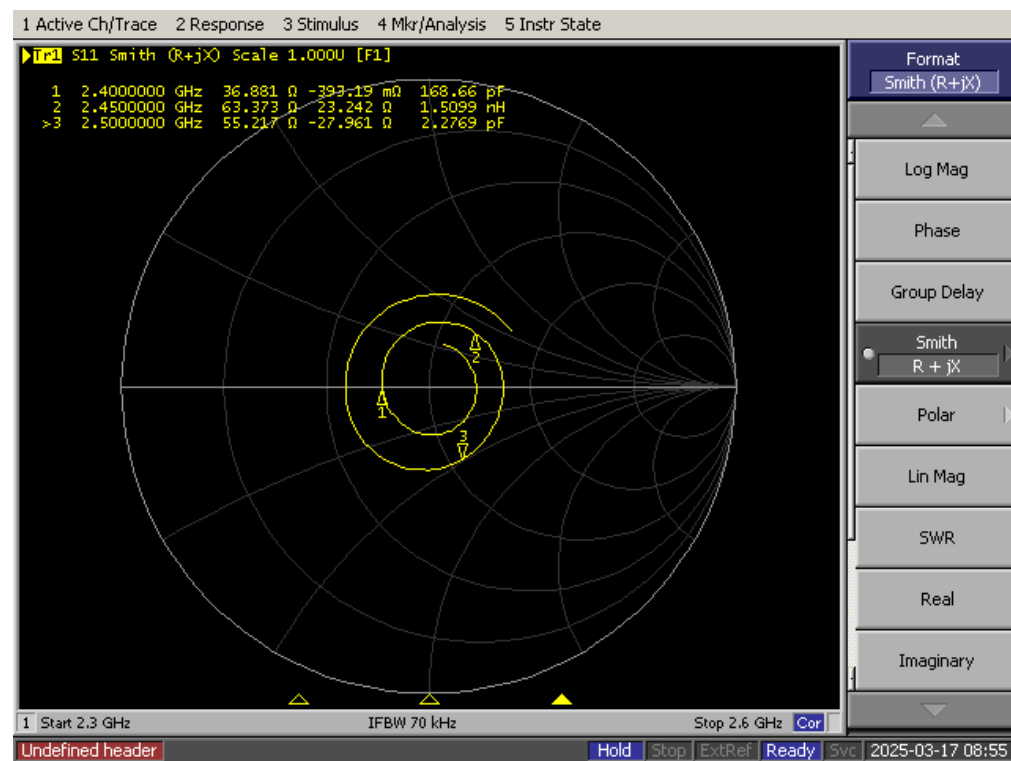
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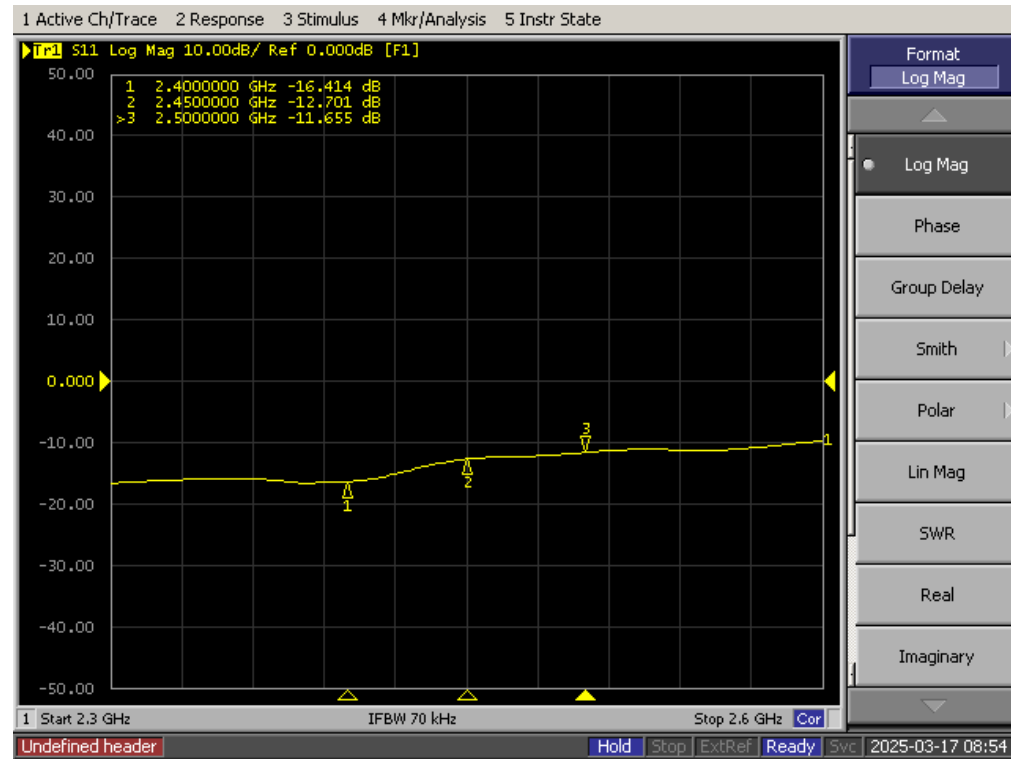
SWR



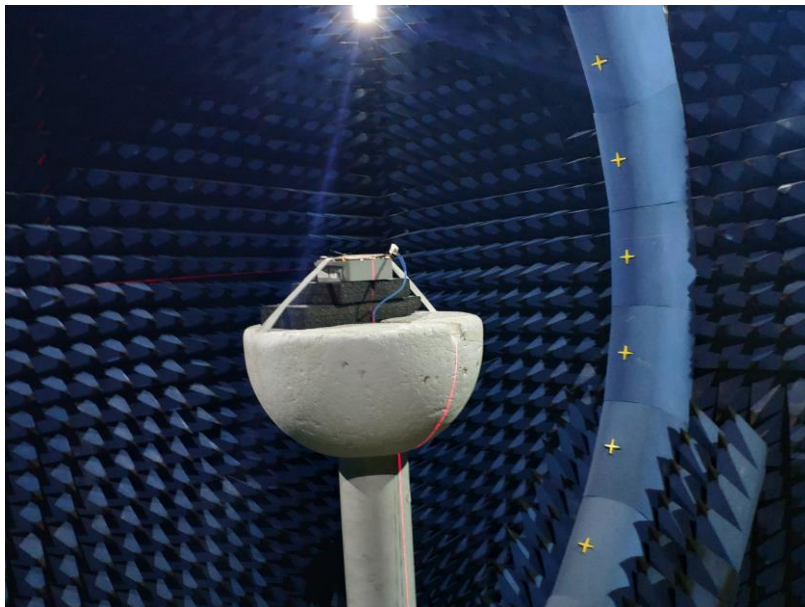
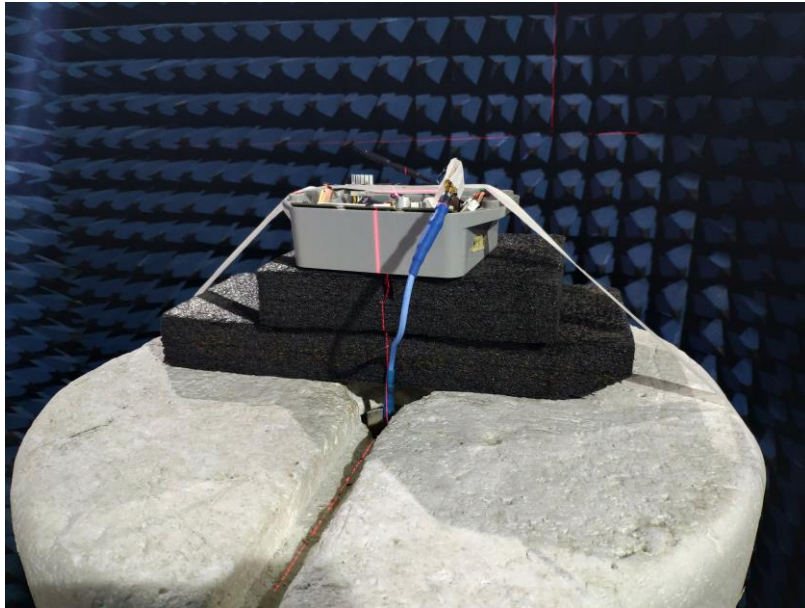
SMITH



RL



test photos :



Product photos:

