

# Antenna Test Report

Product name: Bluetooth antenna

Antenna type: PCB antenna

Operating frequency: 2400-2500MHz

Antenna Gain: 4.21dBi (MAX)

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

Manufacturer: Team Force ELECTRONICS CO., LTD

Address: FULONG INDUSTRIAL ZONE, FULONG VILLAGE, SHIPAI  
TOWN, DONGGUAN, GUANGDONG PROVINCE, P.R. CHINA

## Antenna gain& Efficiency SWR

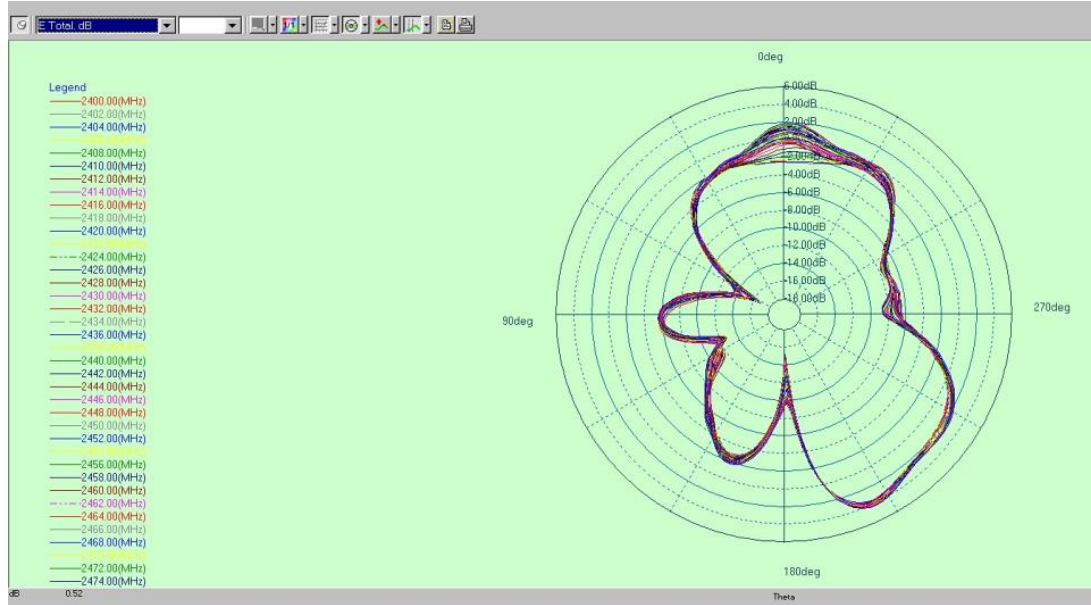
Frequency	Gain (dBi)	Efficiency( )
2400MHz	3.46	52%
2402MHz	3.47	52%
2404MHz	3.45	52%
2406MHz	3.54	52%
2408MHz	3.55	53%
2410MHz	3.56	53%
2412MHz	3.55	53%
2414MHz	3.54	53%
2416MHz	3.61	54%
2418MHz	3.64	55%
2420MHz	3.64	55%
2422MHz	3.67	55%
2424MHz	3.72	55%
2426MHz	3.62	56%
2428MHz	3.65	56%
2430MHz	3.69	56%
2432MHz	3.75	56%
2434MHz	3.80	57%
2436MHz	3.70	56%
2438MHz	3.74	56%
2440MHz	3.79	56%
2442MHz	3.84	56%
2444MHz	3.88	56%
2446MHz	3.80	56%
2448MHz	3.82	56%
2450MHz	3.85	56%
2452MHz	3.88	56%
2454MHz	3.89	56%
2456MHz	3.94	56%
2458MHz	3.96	56%
2460MHz	3.96	56%
2462MHz	3.95	56%
2464MHz	3.96	56%
2466MHz	4.05	57%
2468MHz	4.07	57%

2470MHz	4.09	57%
2472MHz	4.09	58%
2474MHz	4.13	58%
2476MHz	4.13	59%
2478MHz	4.15	59%
2480MHz	4.15	59%
2482MHz	4.17	59%
2483.5MHz	4.21	59%

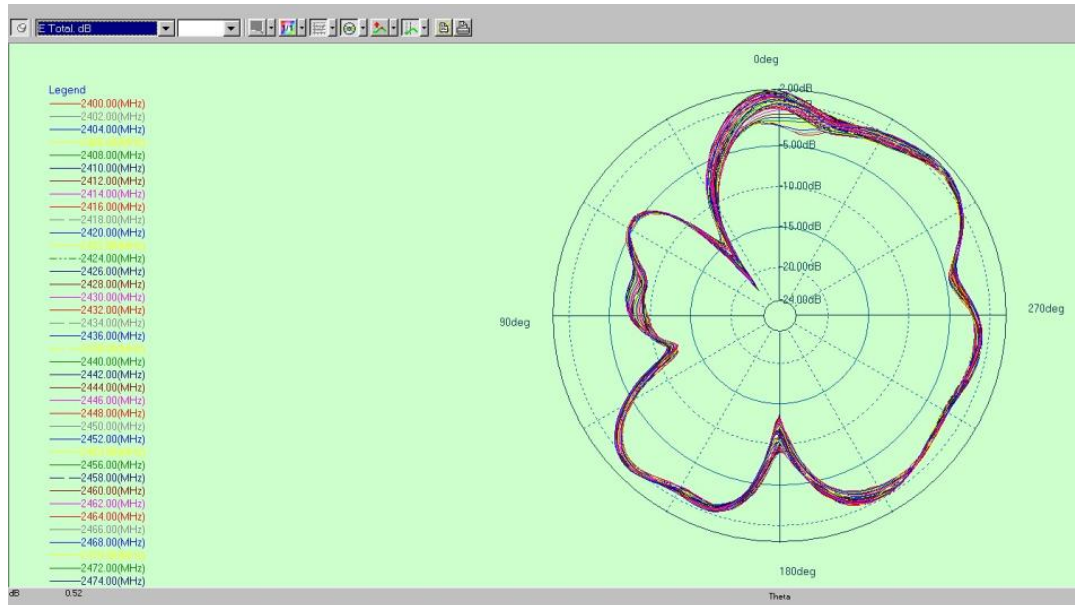
Frequency	SWR
2402MHz	1.82
2440MHz	1.39
2483.5MHz	1.15

# 1D radiation Pattern:

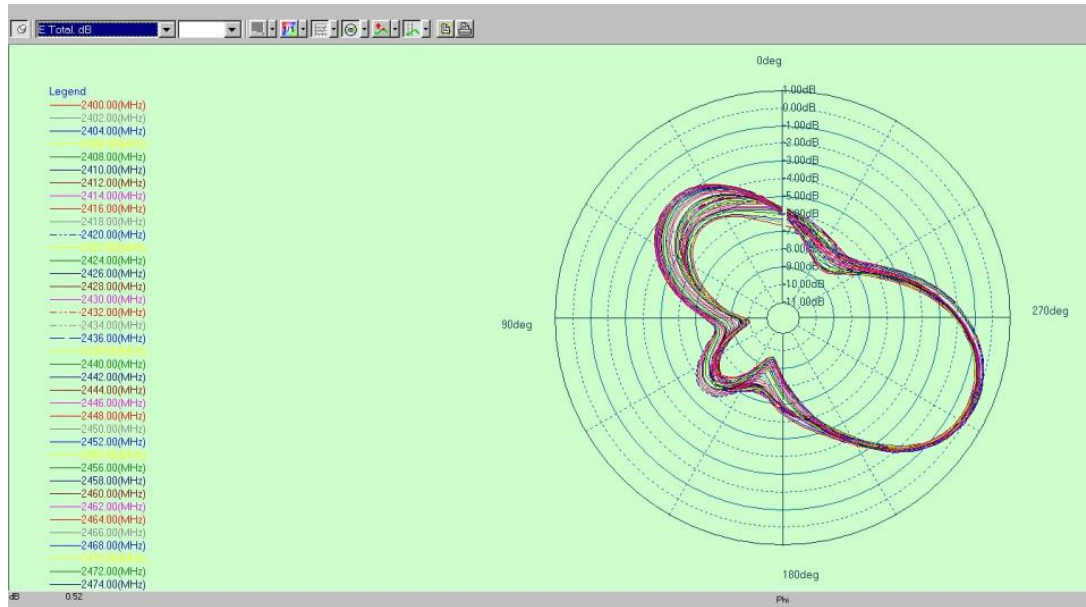
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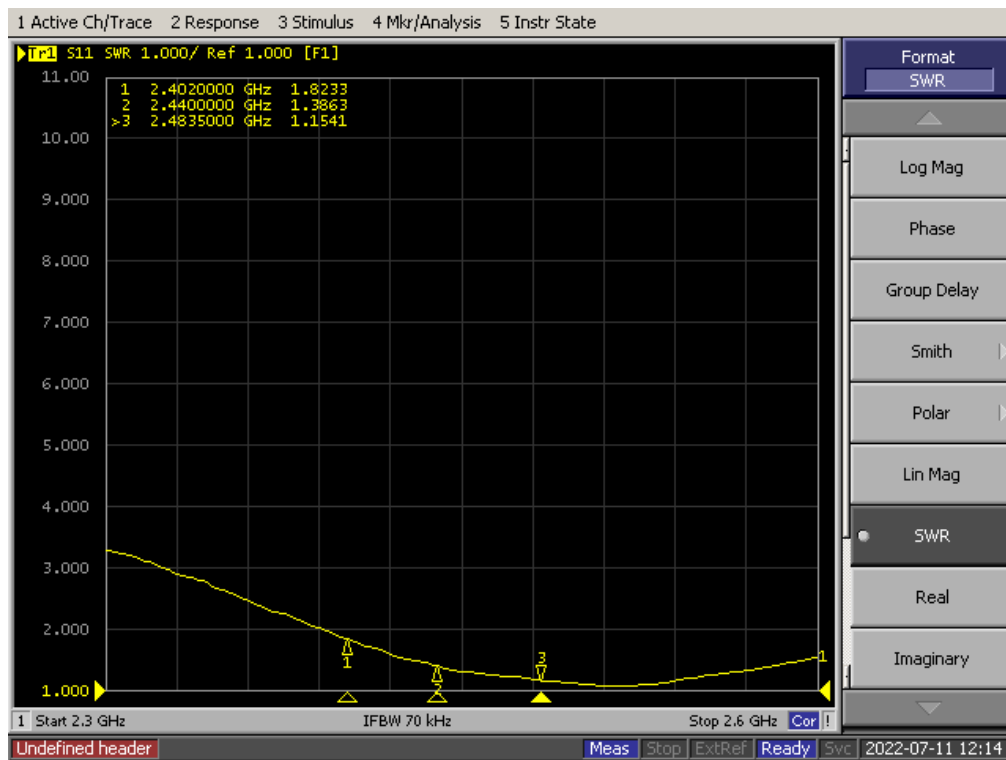
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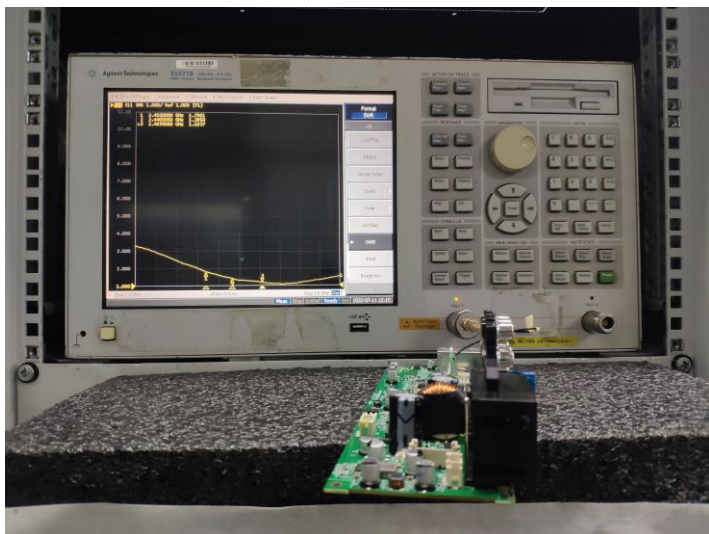
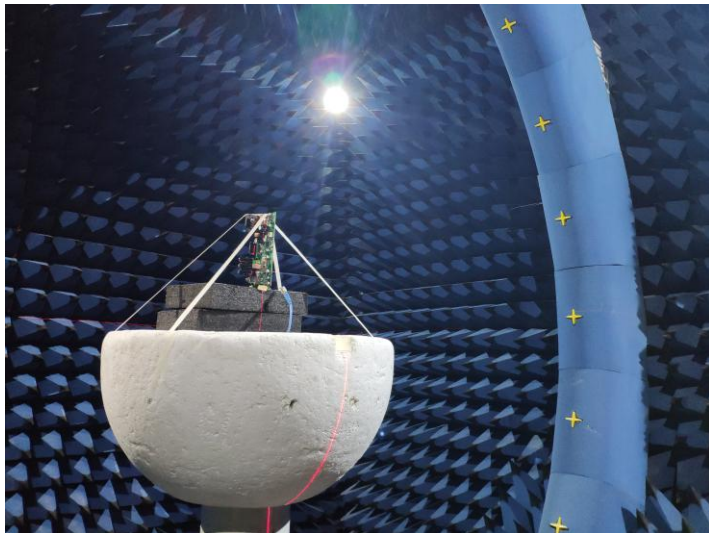
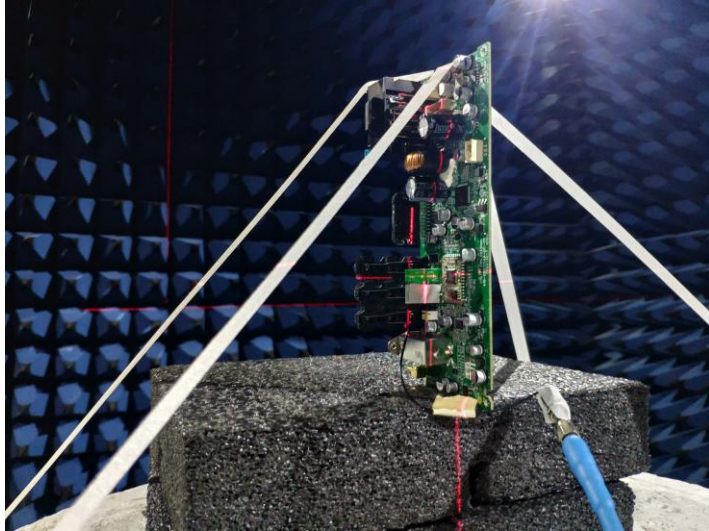
THETA=90



SWR



test photos :



Product photos:

