

SPEED Communication Technology Limited

Antenna Assessment Report For Bluetooth

✚ Project Type:
Bluetooth Antenna
Product Description
2402-2480MHz

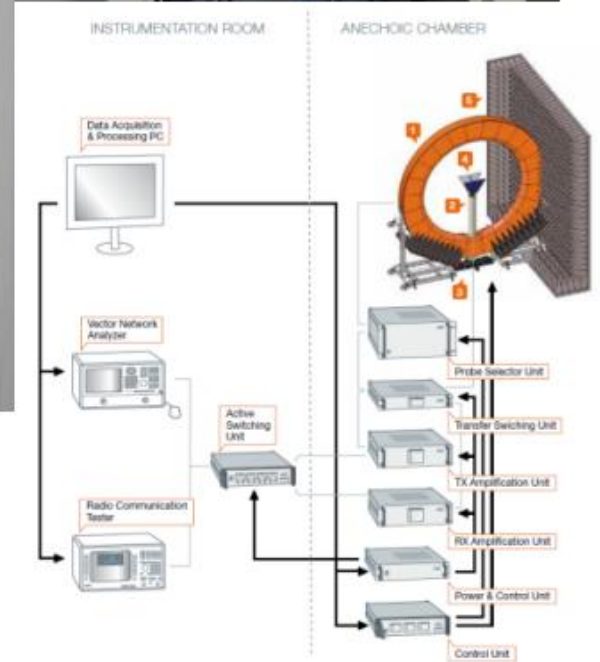
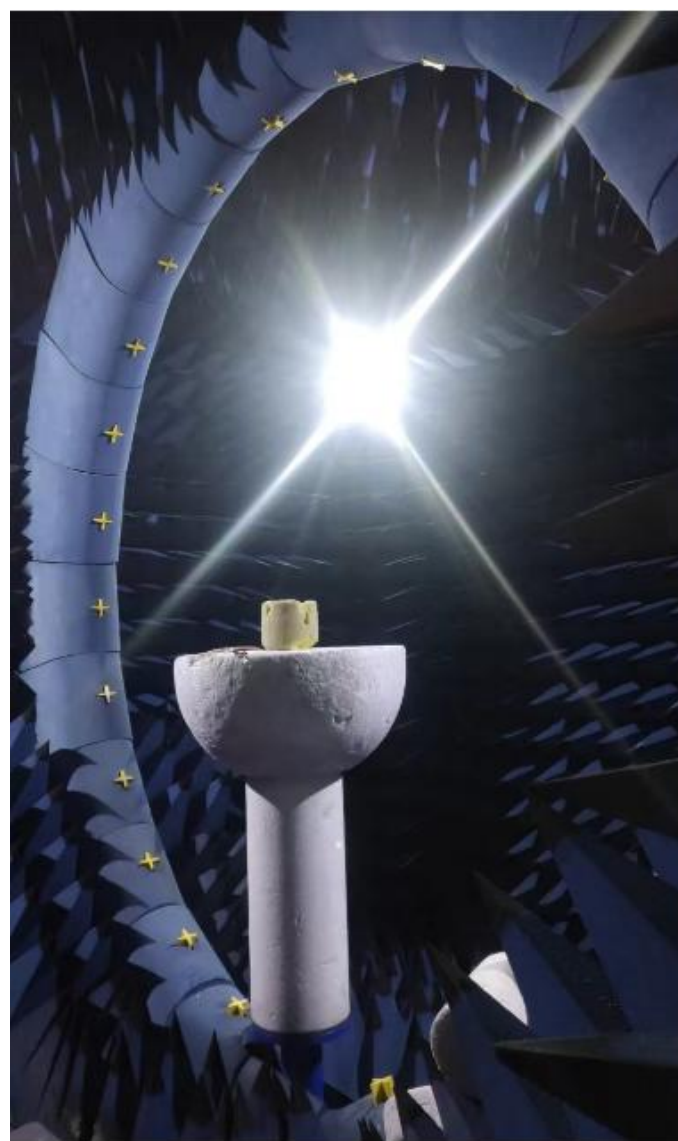
✚ Report Date: 2023.3.3
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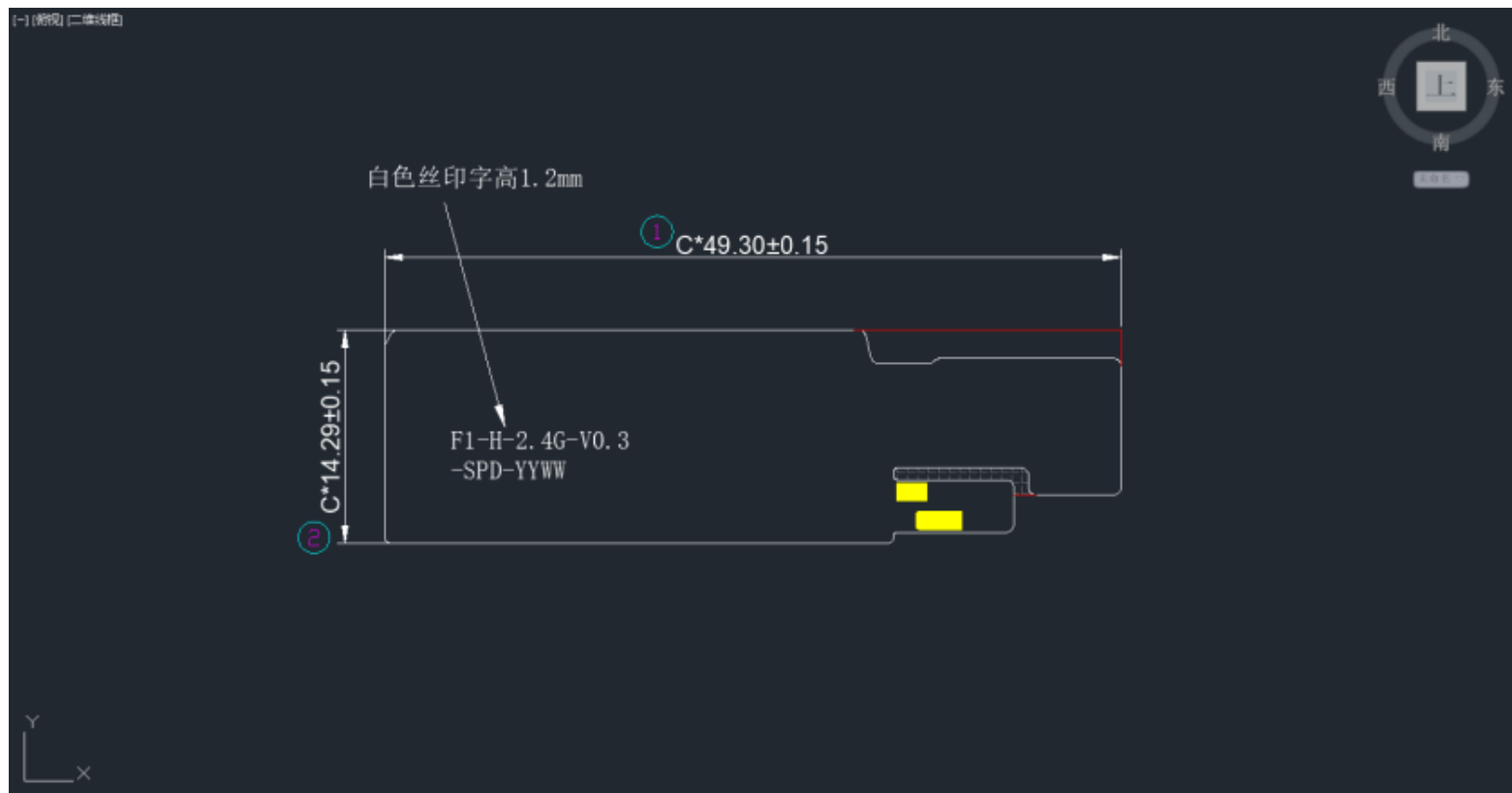
1. Device



2. Antenna appearance figure

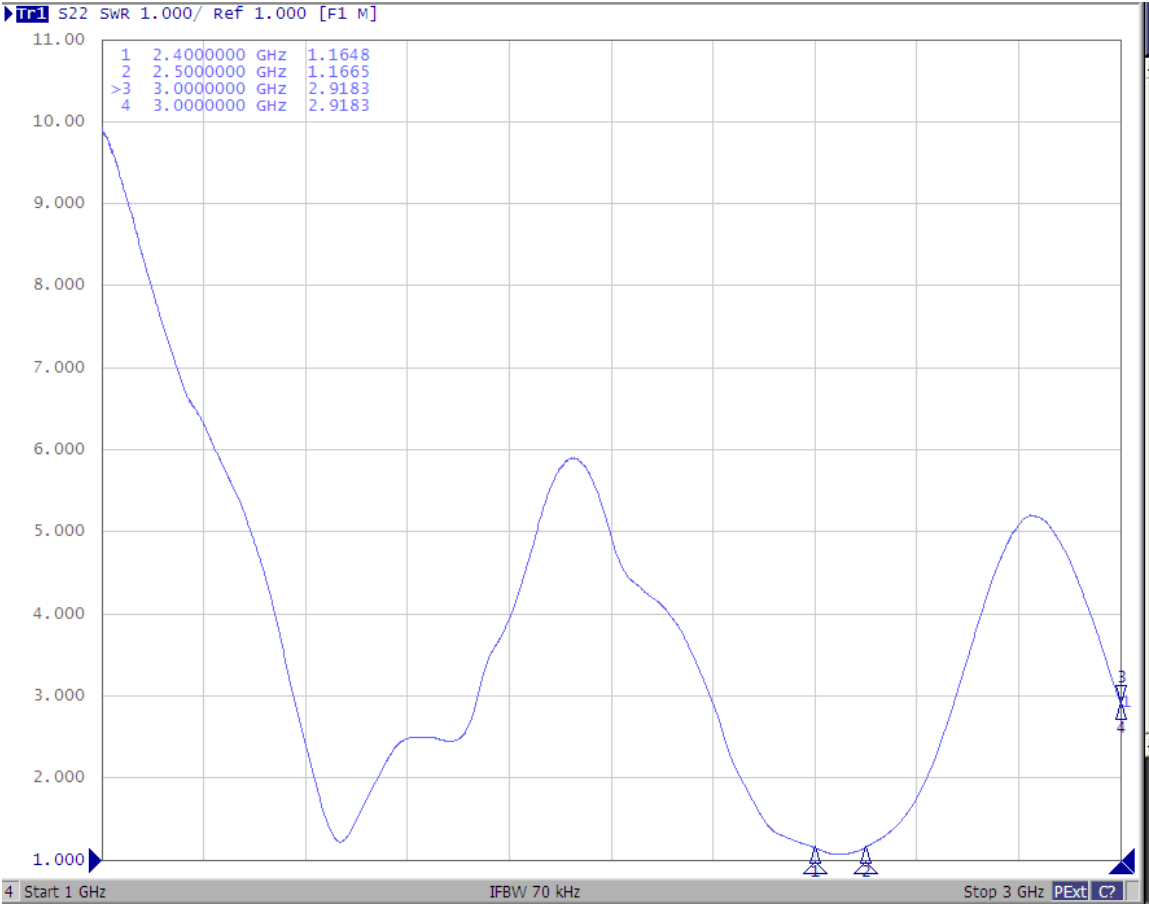
Type of antenna:FPC BluetoothAntenna Gain :0.8dBi

Antenna form: monopole



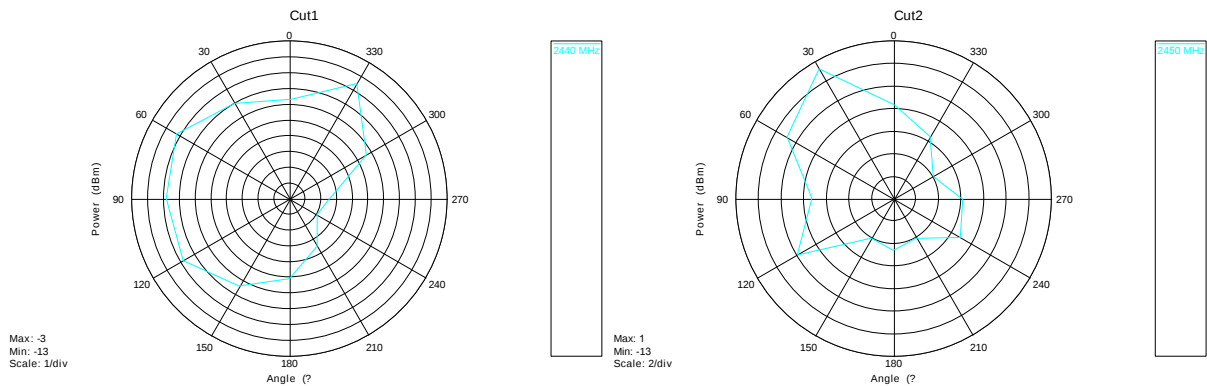
3. The antenna performance

3.1 AntennaSWR



3.2 Antenna radiation pattern

2D



4. Antenna efficiency gain:

BT		
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	26.3	-2.2
2410	27.3	-2.1
2420	28.3	-1.9
2430	28.6	-1.8
2440	28.9	0.4
2450	28.6	0.8
2460	28.0	-1.7
2470	27.1	-1.9
2480	25.7	-2.2
2490	24.6	-2.5
2500	23.1	-2.9