



深圳市宇鸿实业有限公司

Shenzhen Yuhong Industrial Co., Ltd

1308, Block A, Zhantao Technology Building, Intersection of Minzhi Avenue and Industrial East Road, Xinniu Community, Minzhi Street, Longhua District, Shenzhen

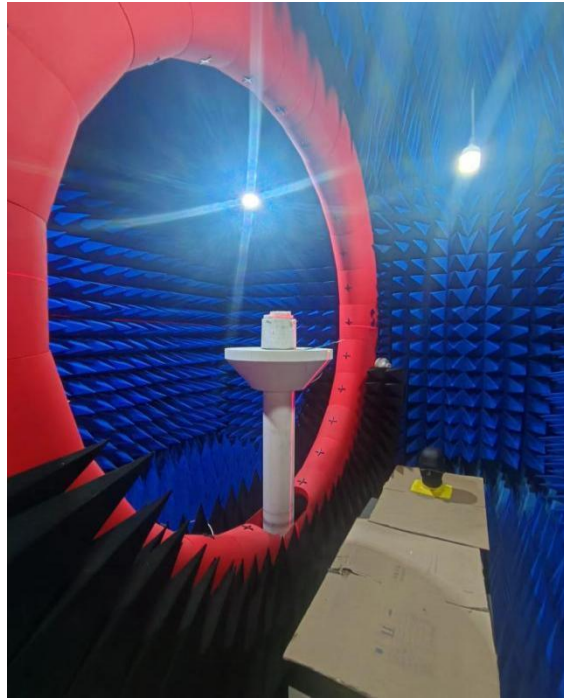
Antenna Sample Datasheet

entry name:	23BF09
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	PCB
Date:	2023. 12. 21

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1.2 Pictures of the ETS anechoic chamber



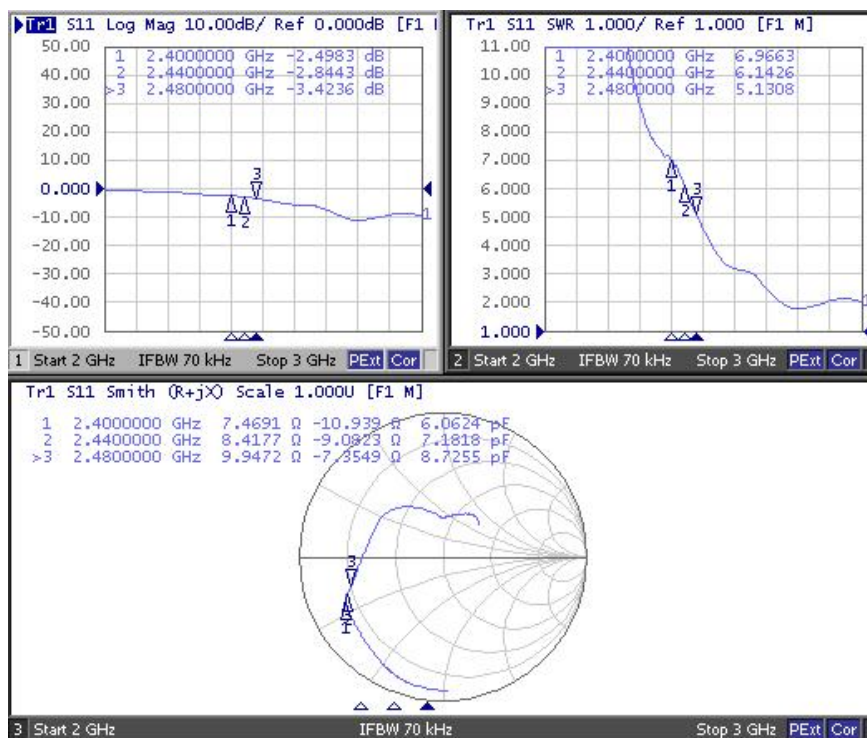
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

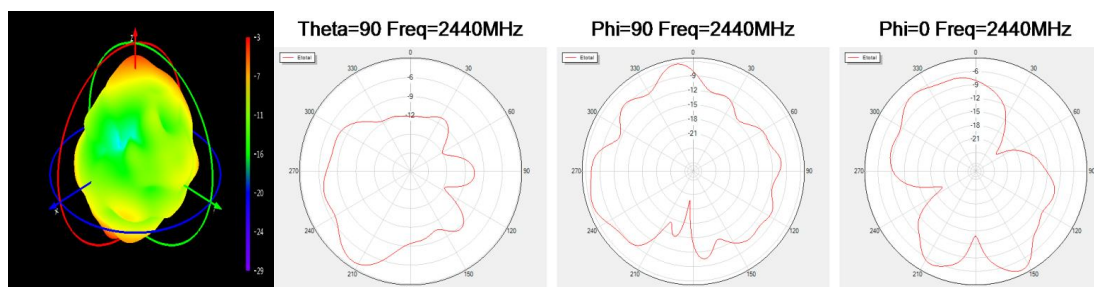
2.1: BT antenna S11 parameters



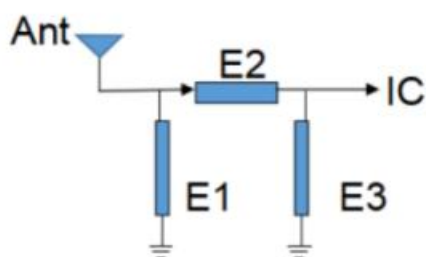
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-4.6	10.46
2410	-4.35	11.11
2420	-4.09	11.6
2430	-3.88	11.87
2440	-3.65	12.05
2450	-3.51	12.25
2460	-3.56	12.5
2470	-3.66	13.01
2480	-3.73	13.7
Mean value	-3.89	12.06

2.3: Passive pattern of BT antenna



3: Matching circuit



Element	Value
E1	N/C
E2	0Ω
E3	N/C

天线尺寸规格 Antenna size

