

Antenna Sample Datasheet

customer:	Dongguan Siyoto electronic technology Co., LTD
entry name:	SMBT-1658
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
edition:	A0
Date:	2024. 11. 14

Antenna manufacturer: Hongji Wireless Communication (Shenzhen)
Co., LTD

<http://www.honant.com.cn>

Address: 12 / F, West Block B, Building 8, Huaqiang Creative Industry
Park, Sightseeing Road, Guangming District, Shenzhen

Contents

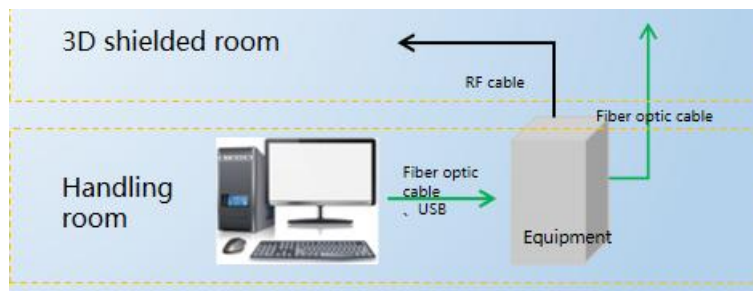
1: Antenna test equipment.....	1
2: Passive test report.....	3
3: Structural drawing.....	5

1: Antenna test equipment

List of meters: Agilent 5071B;

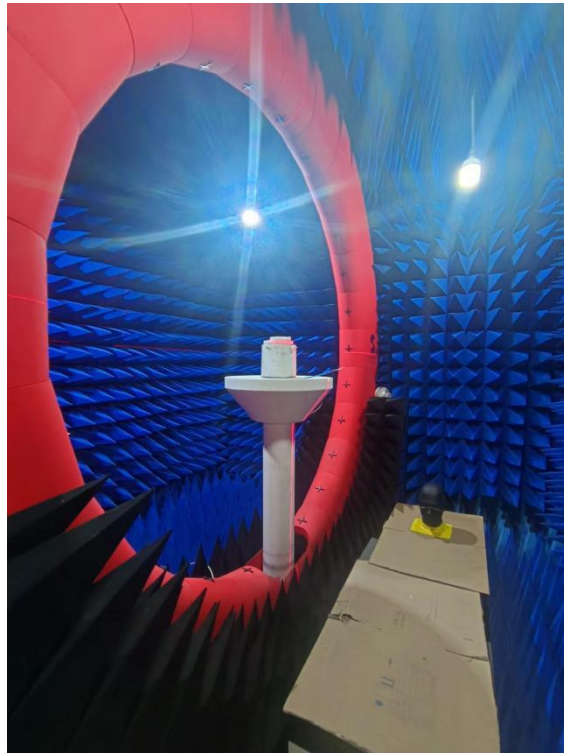


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



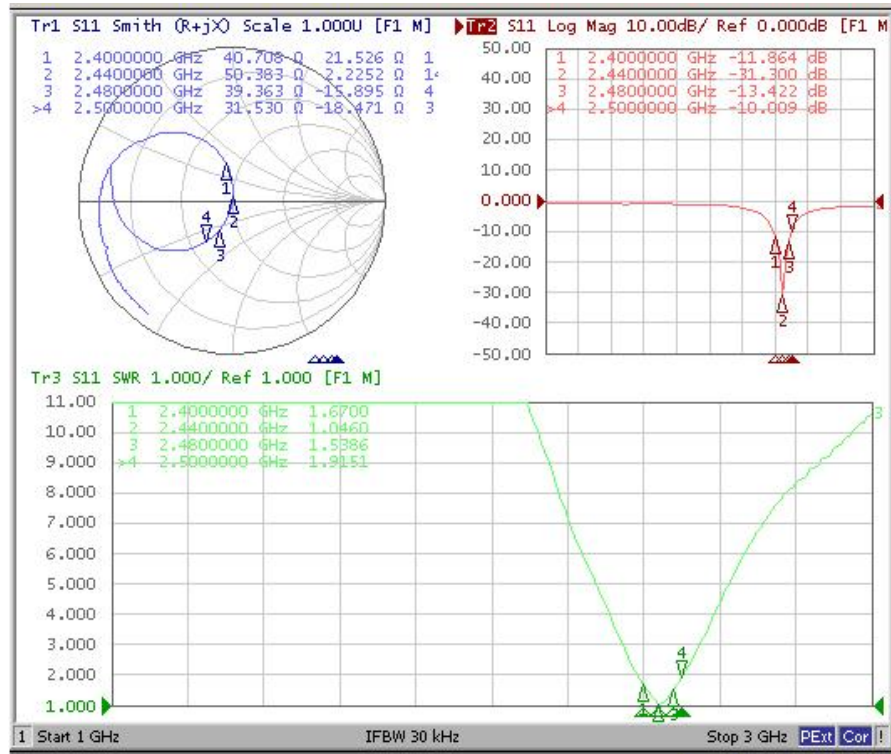
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

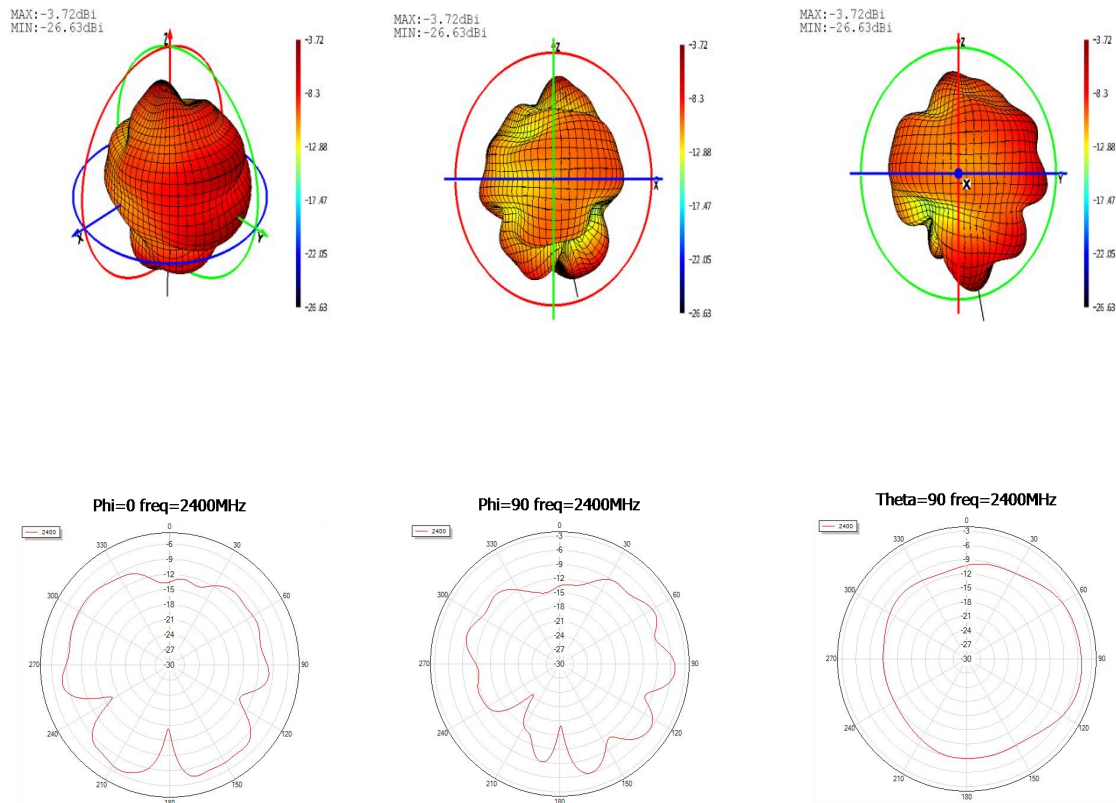
2.1: BT antenna S11 parameters



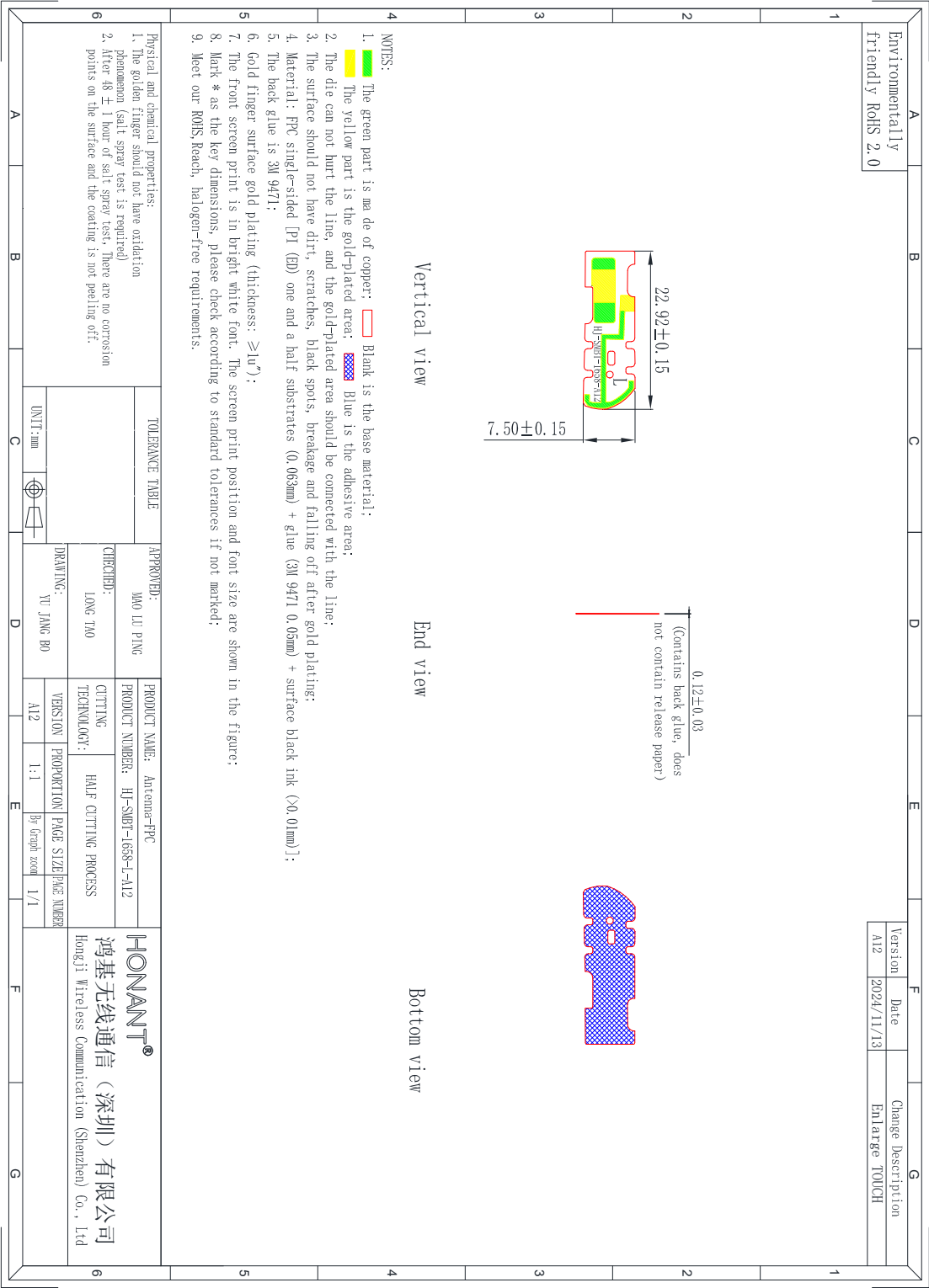
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-3.72	11.58
2410	-3.6	12.34
2420	-3.57	12.68
2430	-3.66	13.05
2440	-3.59	14.07
2450	-3.51	14.69
2460	-3.25	14.95
2470	-3.01	14.7
2480	-2.8	13.66

2.3: Passive pattern of BT antenna



3: 3.1 Structural drawing-Left



3: 3.2 Structural drawing-Right

