

Antenna Sample Datasheet

entry name:	A6108-TX
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	Steel
edition:	A0
Date:	2025.02.24

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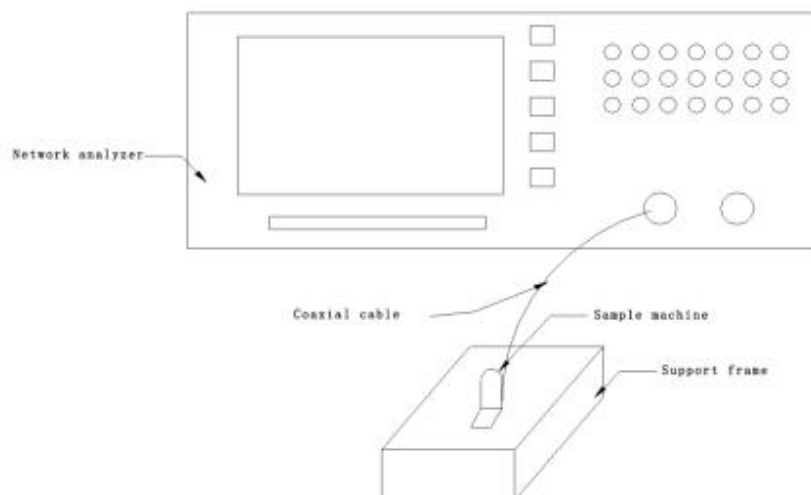
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1: Antenna test equipment

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



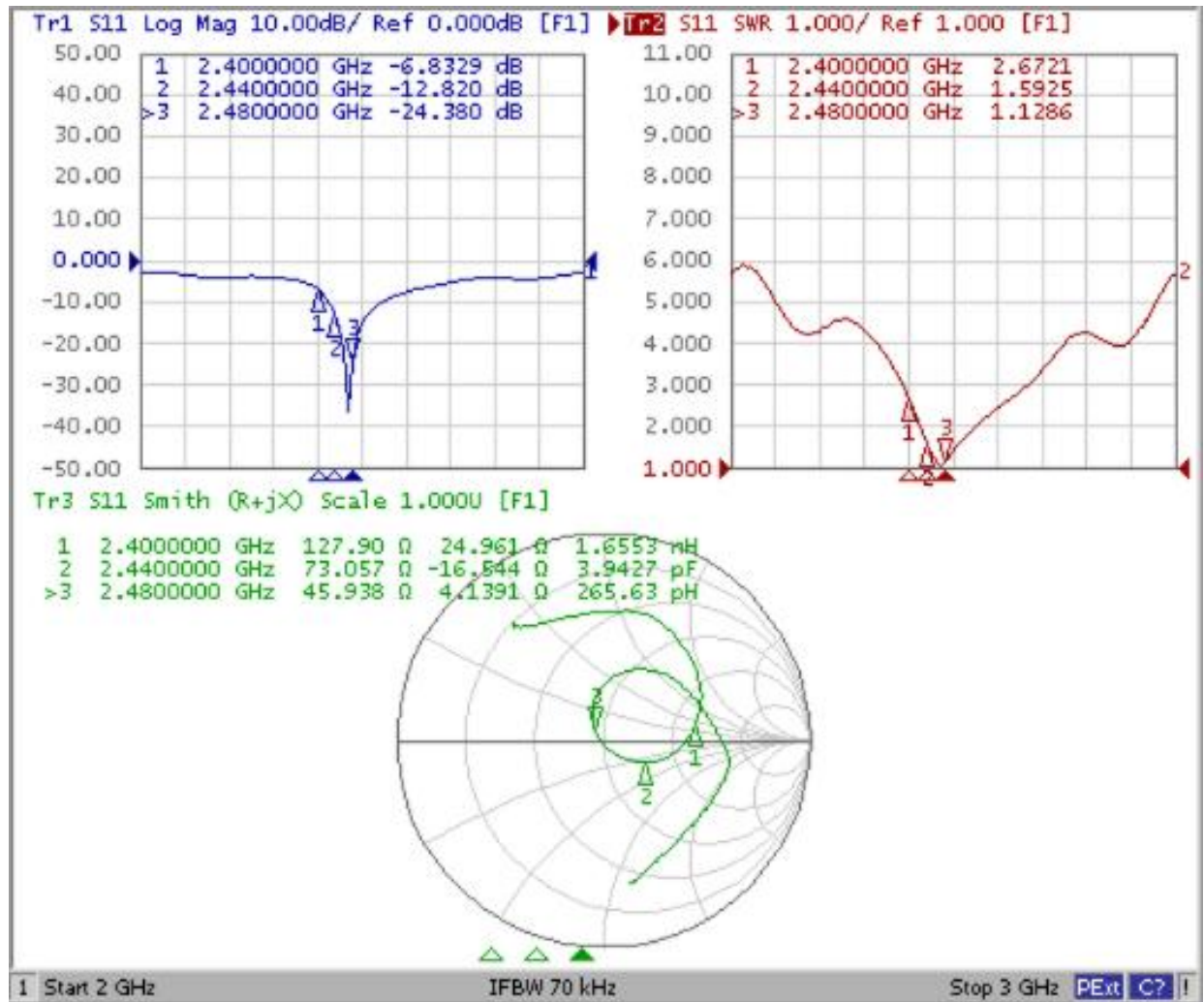
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

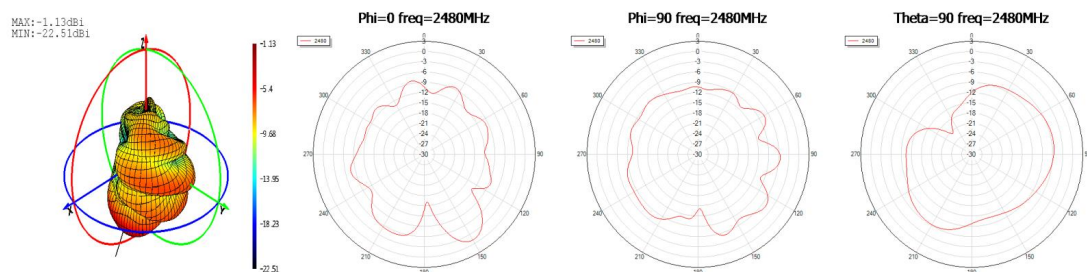
2.1: BT antenna S11 parameters



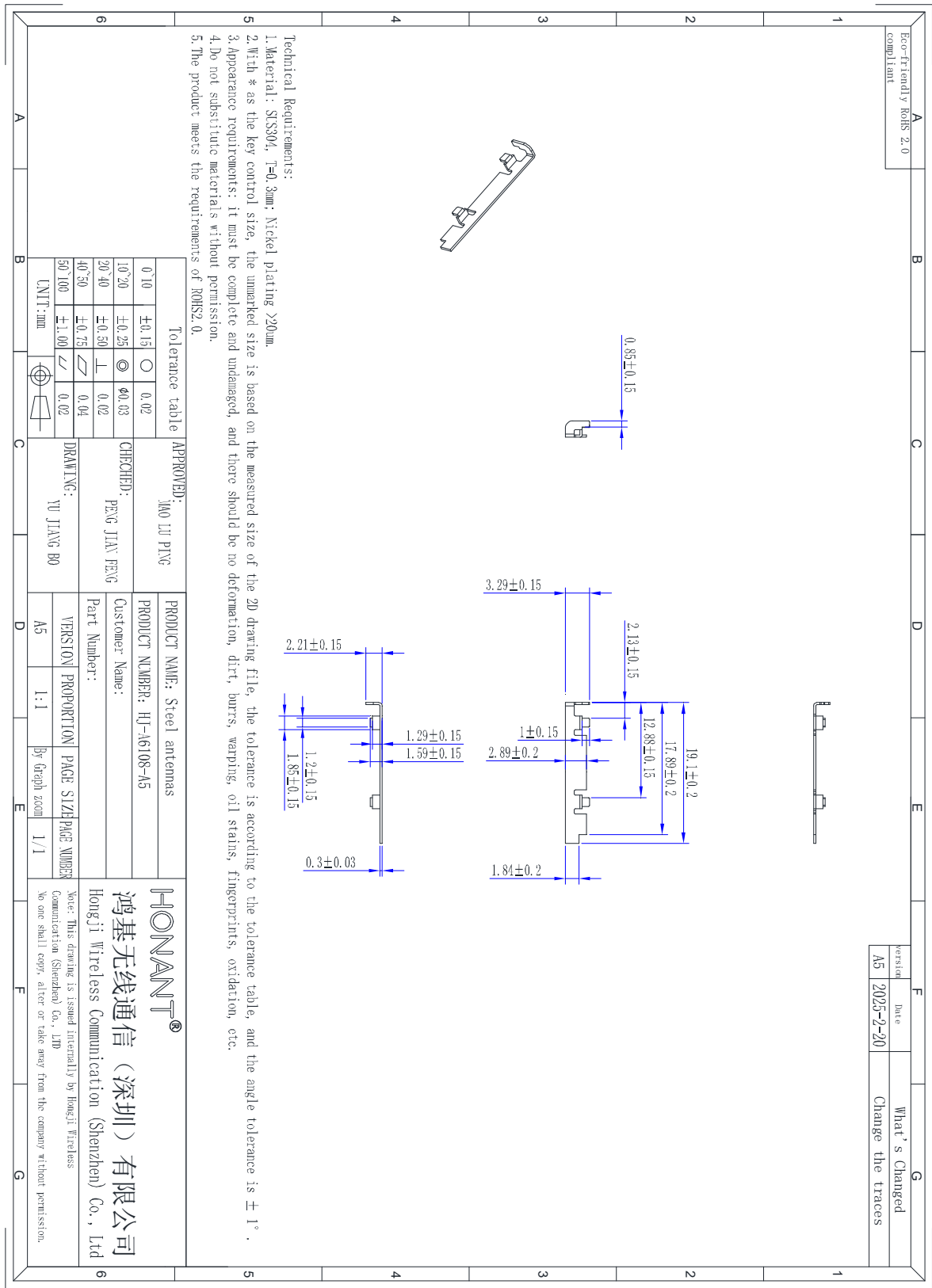
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-5.72	10.63
2410	-5.43	12.48
2420	-4.99	14.17
2430	-4.30	17.95
2440	-3.86	20.86
2450	-3.30	22.16
2460	-2.67	24.89
2470	-2.03	25.41
2480	-1.13	26.78
2490	-0.52	27.14
2500	-0.30	28.45

2.3: Passive pattern of BT antenna



3: Structural drawing



4: Antenna diagram

