

Antenna Sample Datasheet

Model name:	AH23
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPCB
edition:	A1
Date:	2024. 06. 06

Contents

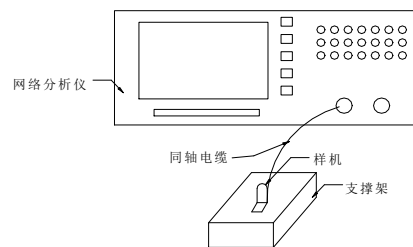
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1: Antenna test equipment

List of meters: Agilent 5071B;

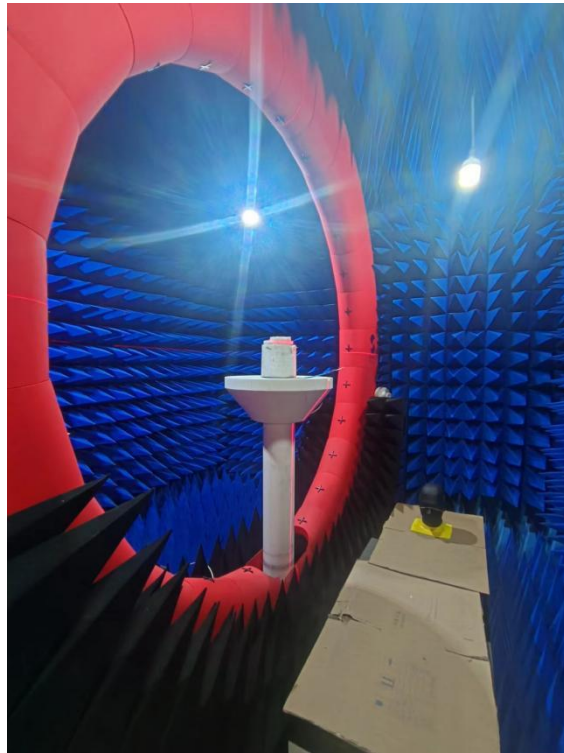


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



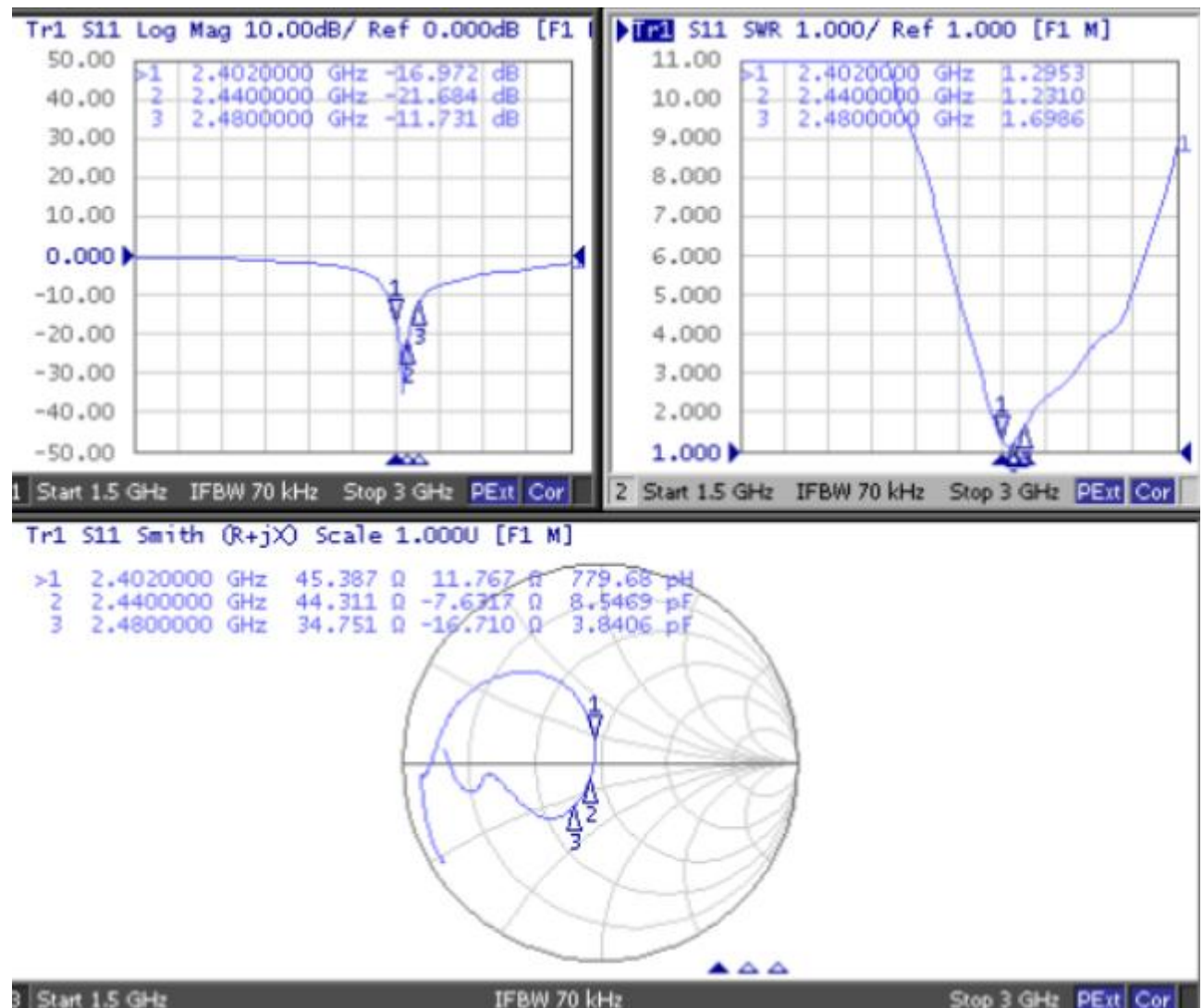
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

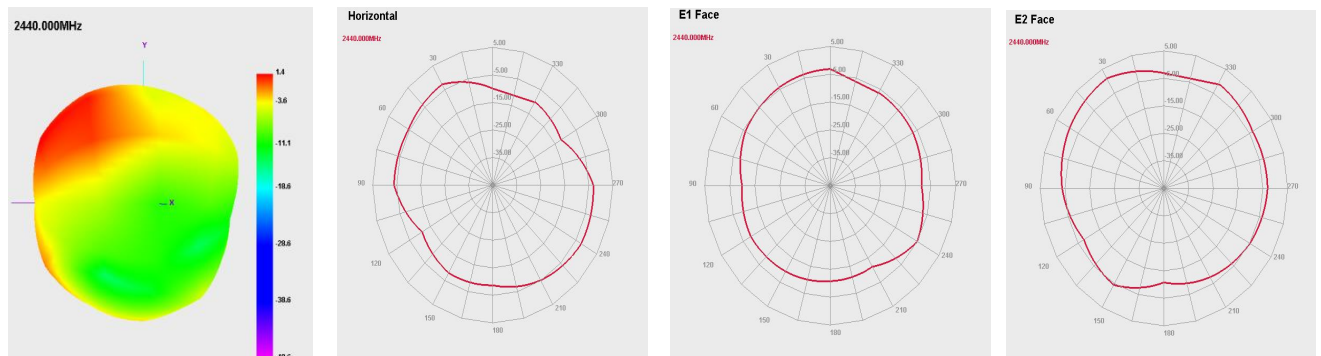
2.1: BT antenna S11 parameters



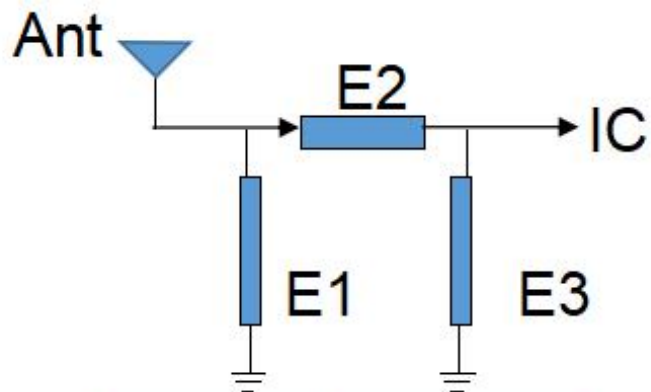
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	1.68	38.45
2410	1.35	39.21
2420	1.52	40.16
2430	1.32	42.16
2440	1.56	41.56
2450	1.05	43.19
2460	1.41	42.08
2470	1.59	40.23
2480	1.43	39.54
Mean value	1.43	40.73

2.3: Passive pattern of BT antenna

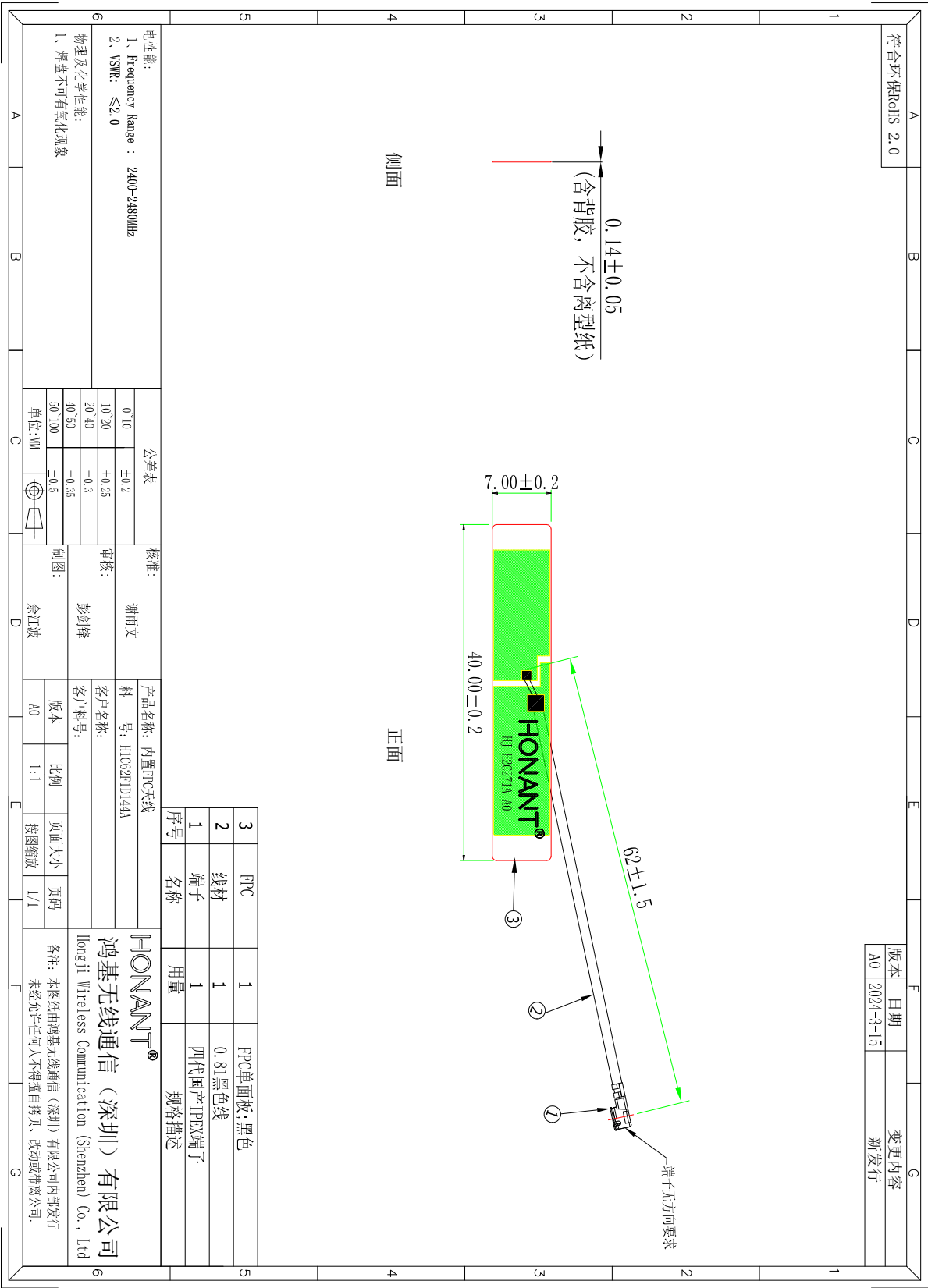


3: Matching circuit



Element	Value
E1	N/C
E2	0Ω
E3	N/C

4: Structural drawing



5: Antenna drawing

