

Antenna Sample Datasheet

customer:	Horn Audio Co., LTD
entry name:	25252-L
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A0
Date:	2026. 3. 13

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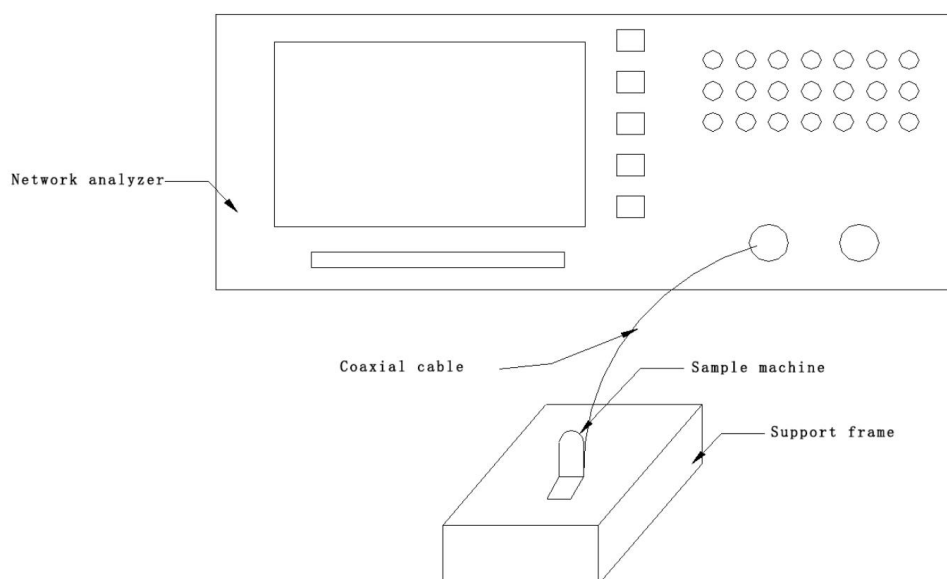
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1: Antenna test equipment

List of meters: Agilent 5071B;

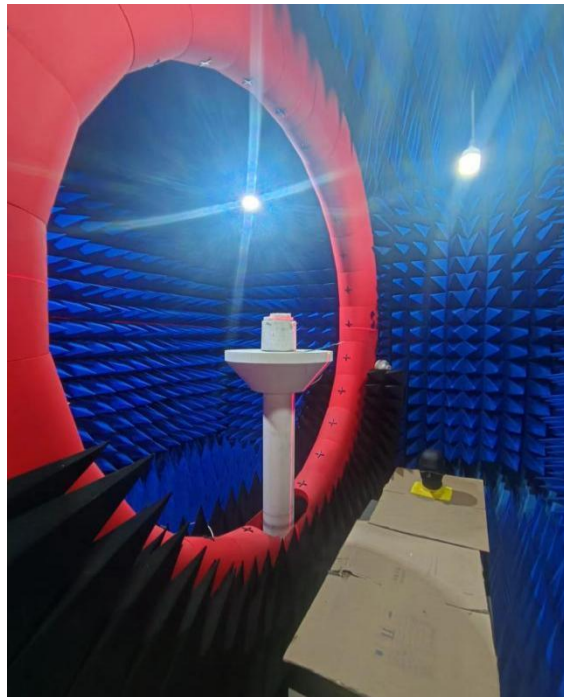


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

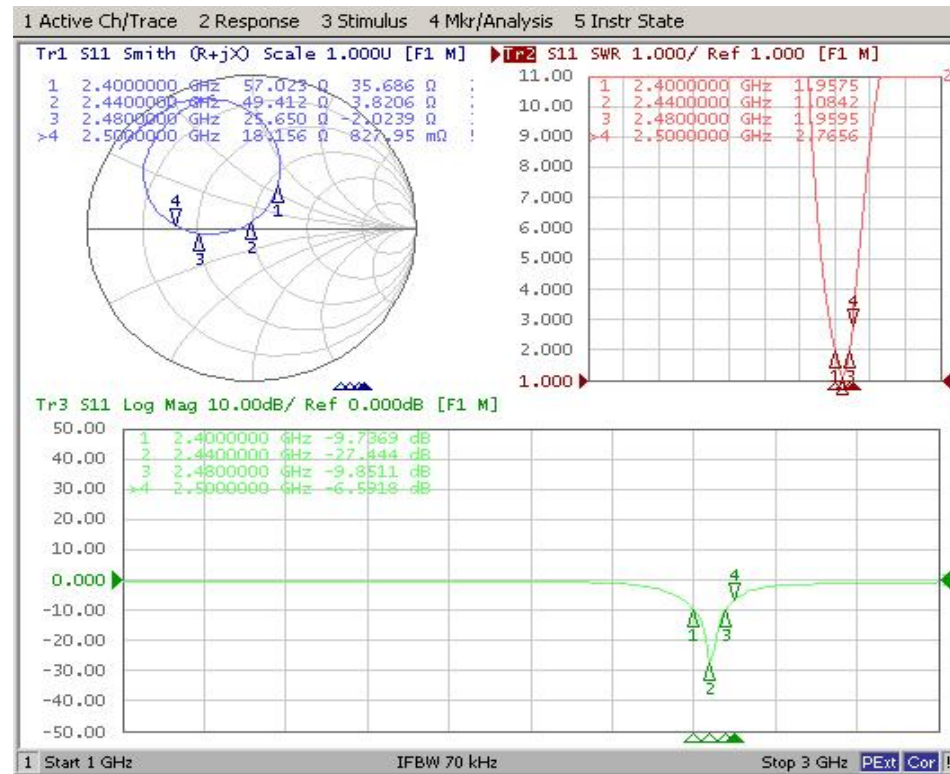
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2: Passive test report

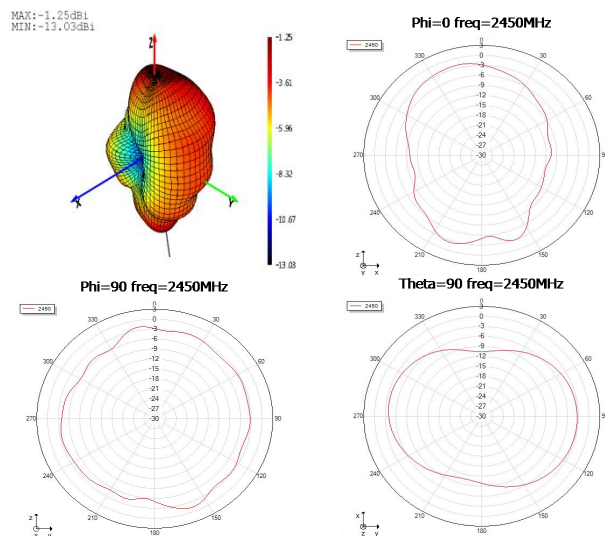
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-2.19	26.57
2410	-2.38	27.35
2420	-2.30	28.53
2430	-2.05	28.75
2440	-1.35	32.36
2450	-1.25	32.22
2460	-0.88	34.09
2470	-0.21	35.90
2480	-0.33	35.24
2490	-0.65	34.44
2500	-0.71	35.38
Mean value	-1.3	31.89

2.3: Passive pattern of BT antenna

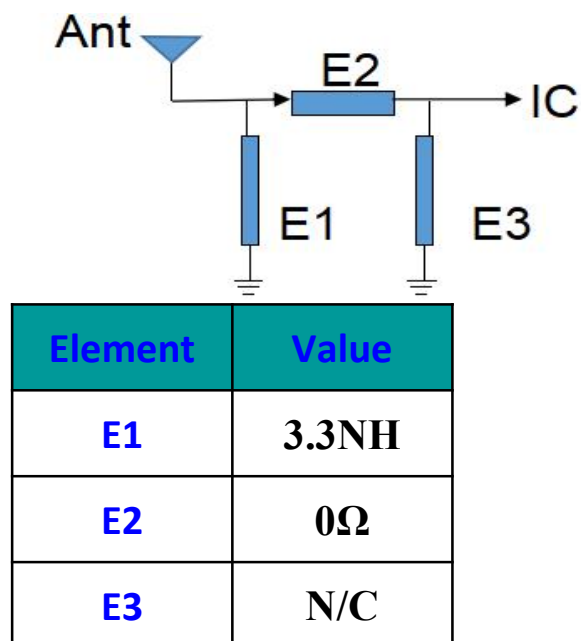


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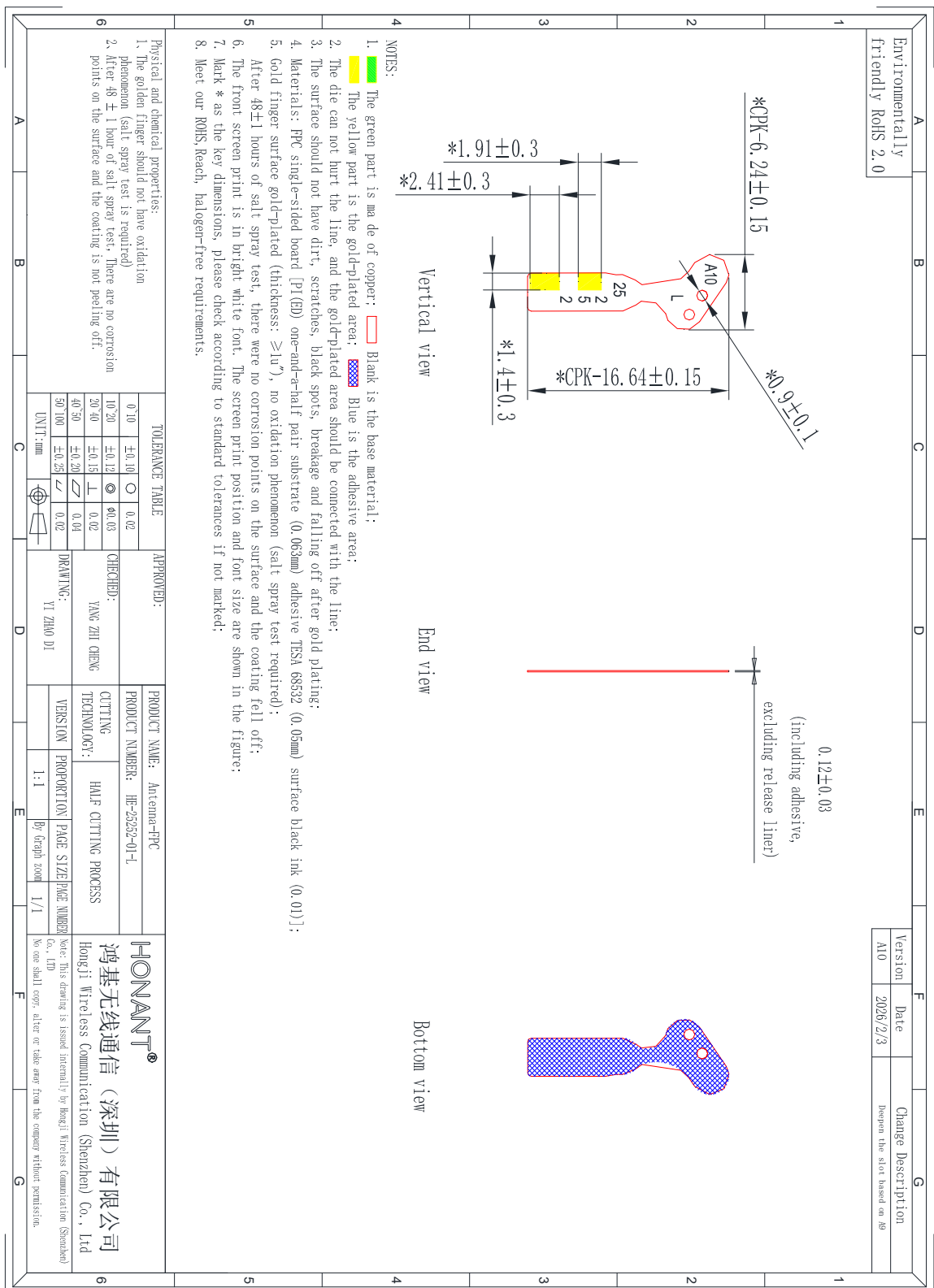
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3: Matching circuit



4: Structural drawing



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