

Antenna Sample Datasheet

customer:	Minami Acoustics Limited
entry name:	Truly TWS-L
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC
edition:	A11
Date:	2025. 5. 9

Contents

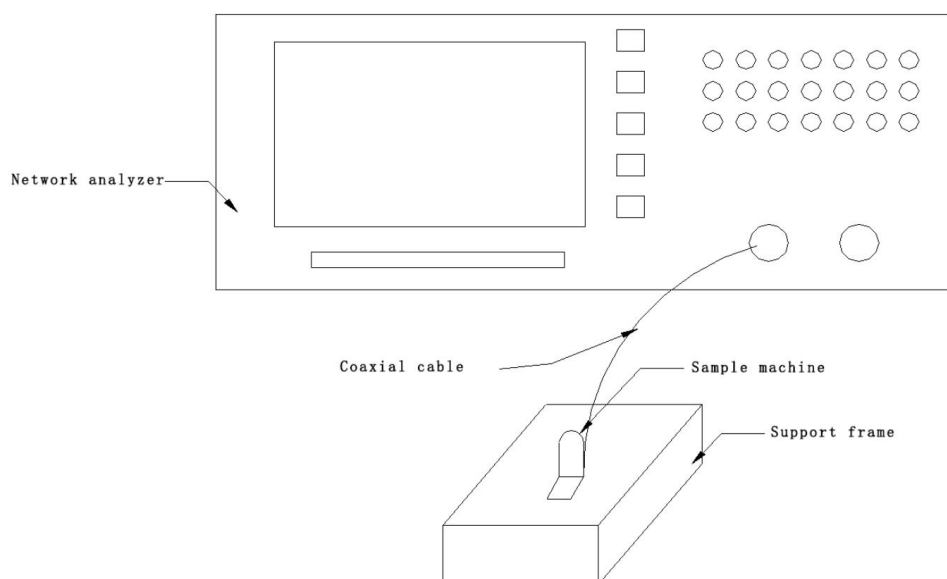
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1: Antenna test equipment

List of meters: Agilent 5071B;

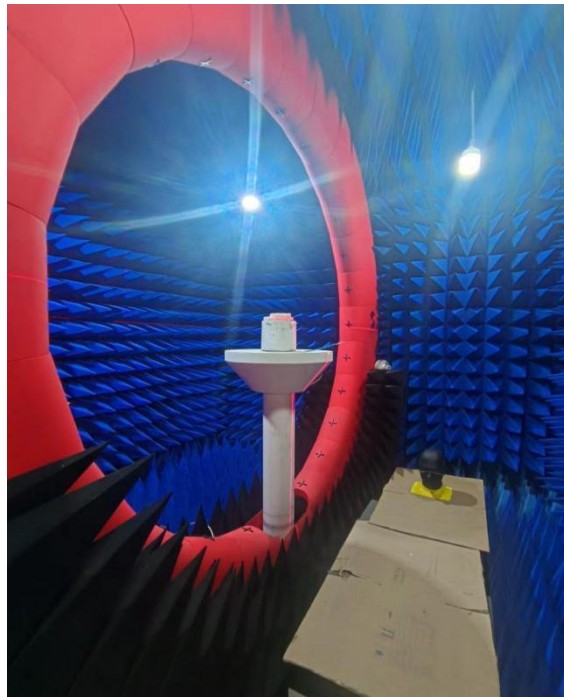


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

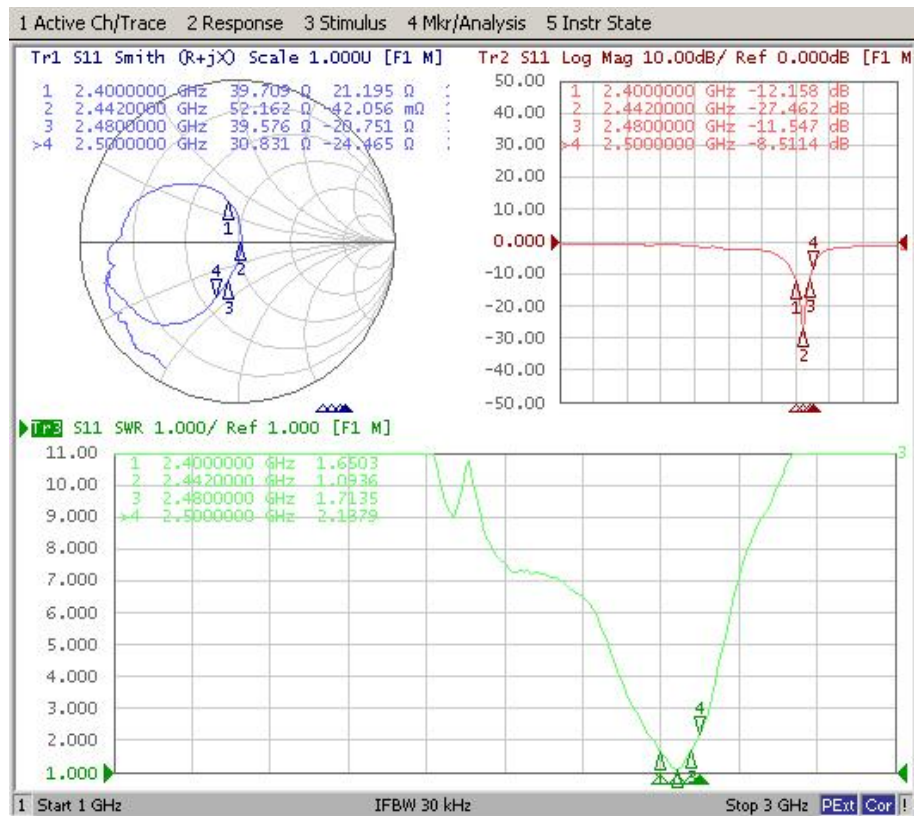
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2: Passive test report

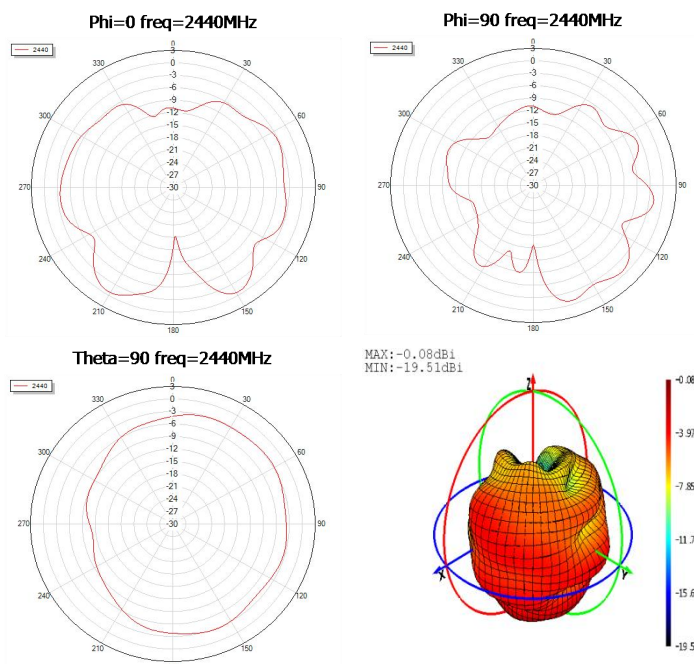
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	0.19	32.99
2410	0.24	36.74
2420	0.19	38.72
2430	0.14	40.68
2440	-0.08	40.41
2450	-0.18	39.83
2460	-0.65	39.20
2470	-0.57	37.84
2480	-0.13	35.63
Mean value	-0.09	38

2.3: Passive pattern of BT antenna

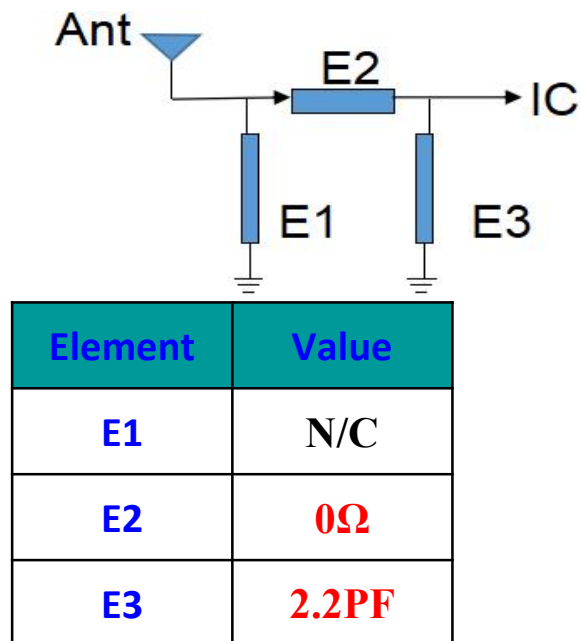


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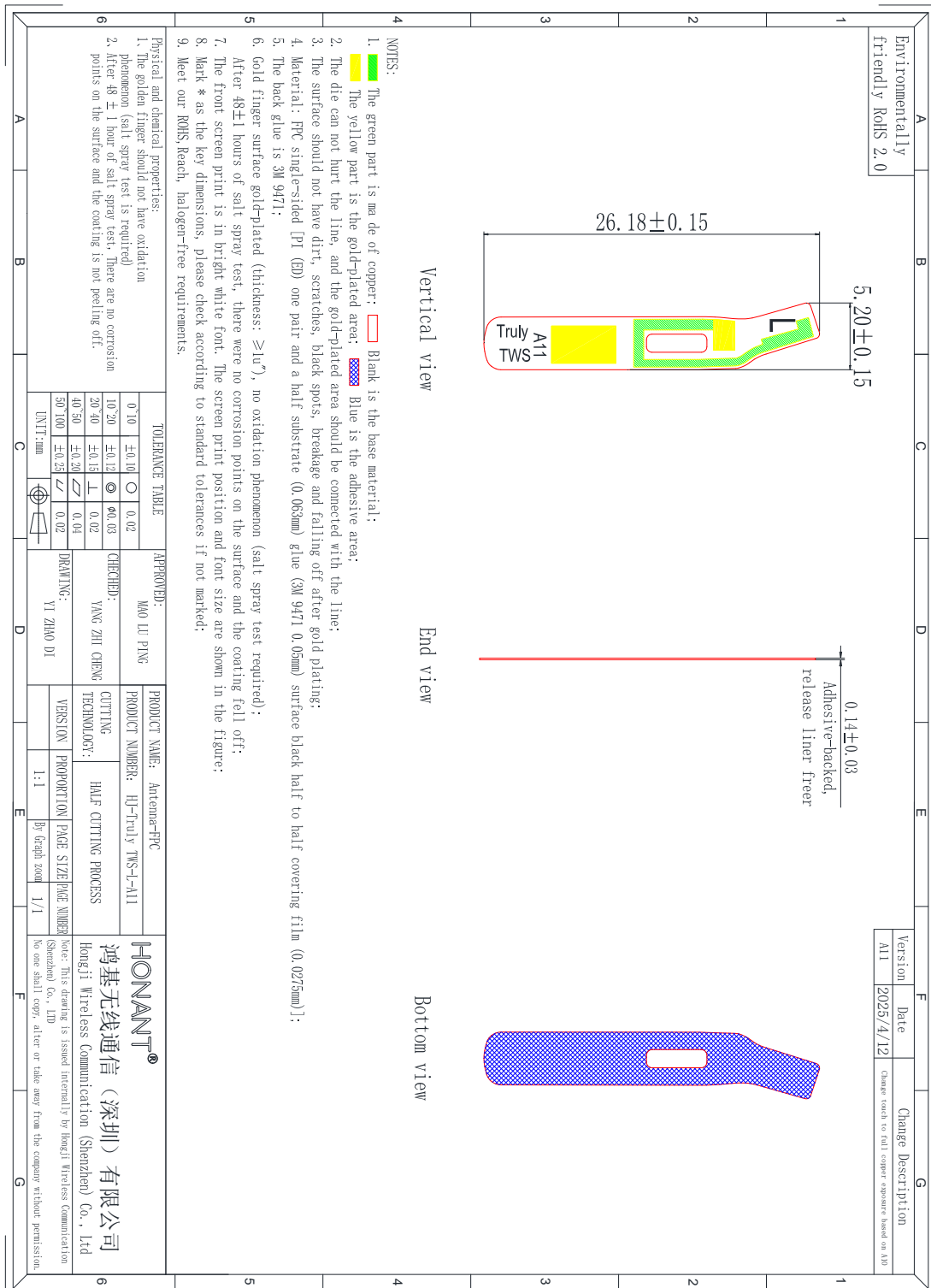
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3: Matching circuit



4: Structural drawing



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