

Antenna Sample Datasheet

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

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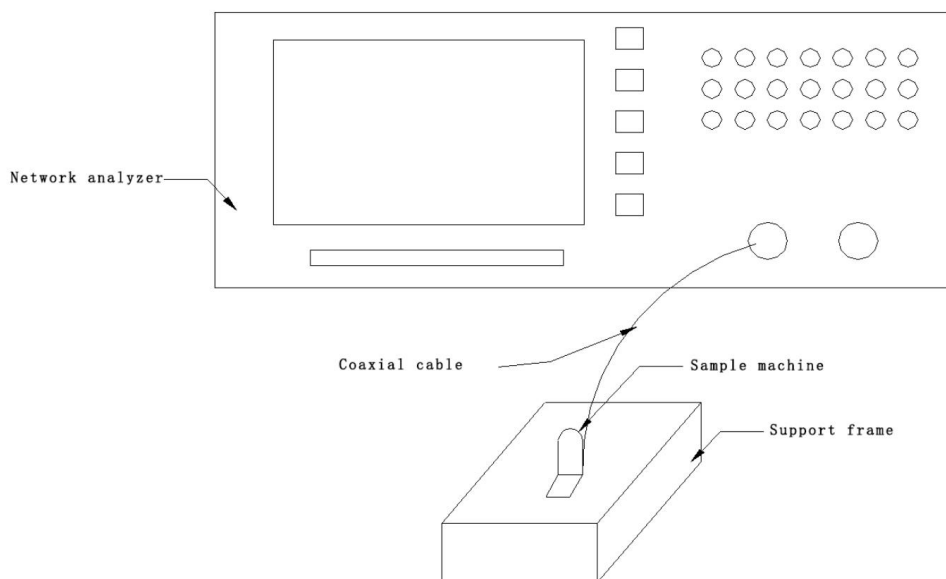
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1: Antenna test equipment

List of meters: Agilent 5071B;

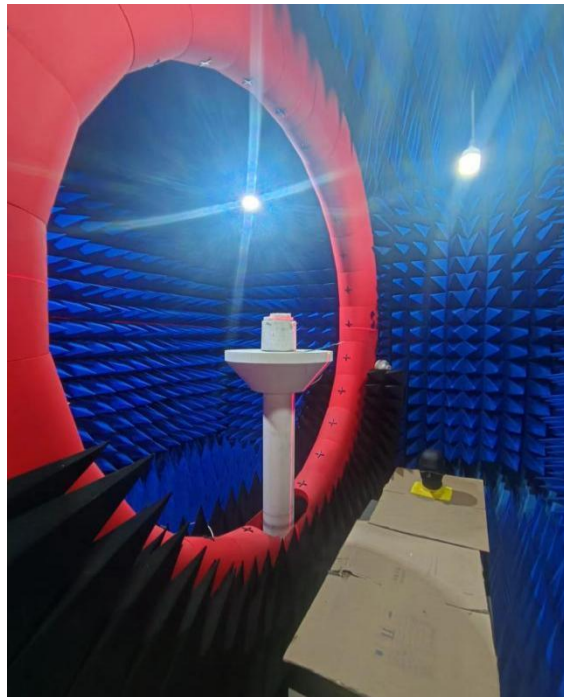


1.1The principle diagram of the ETS anochoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

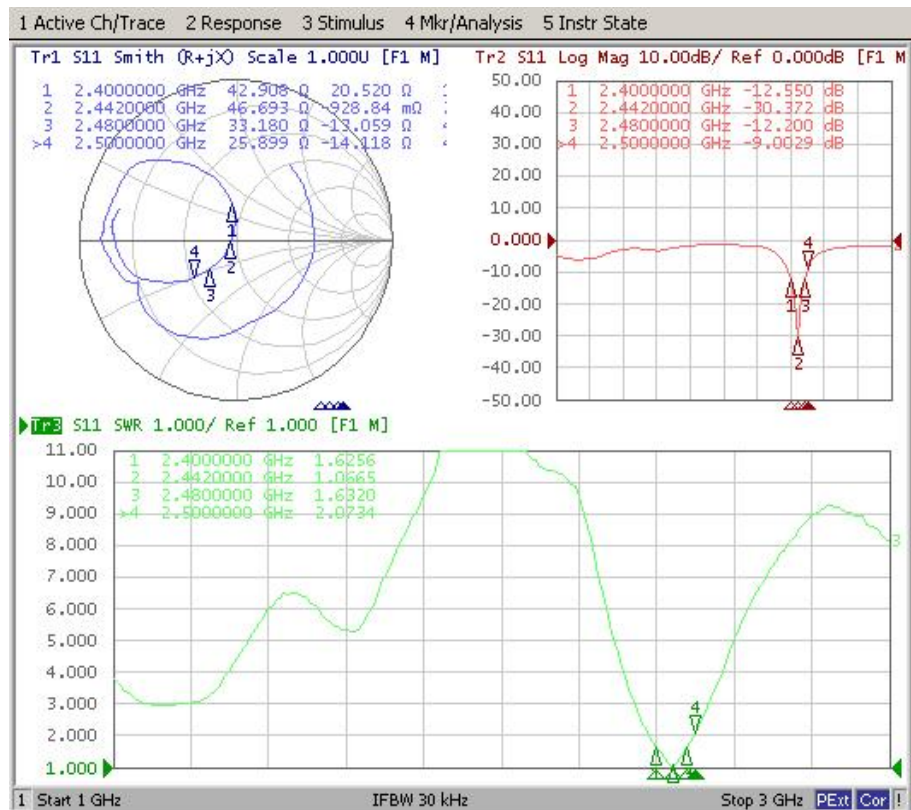
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2: Passive test report

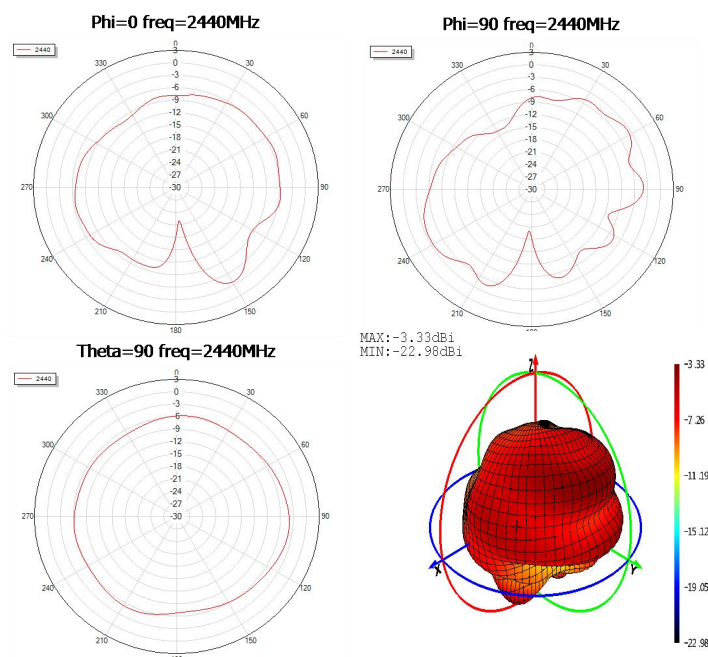
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

2400-2480MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-3.97	33.27
2410	-3.77	34.78
2420	-3.63	35.67
2430	-3.42	36.71
2440	-3.33	36.33
2450	-3.18	35.68
2460	-3.33	33.75
2470	-3.24	33.72
2480	-3.03	33.74
Mean value	-3.43	34.85

2.3: Passive pattern of BT antenna

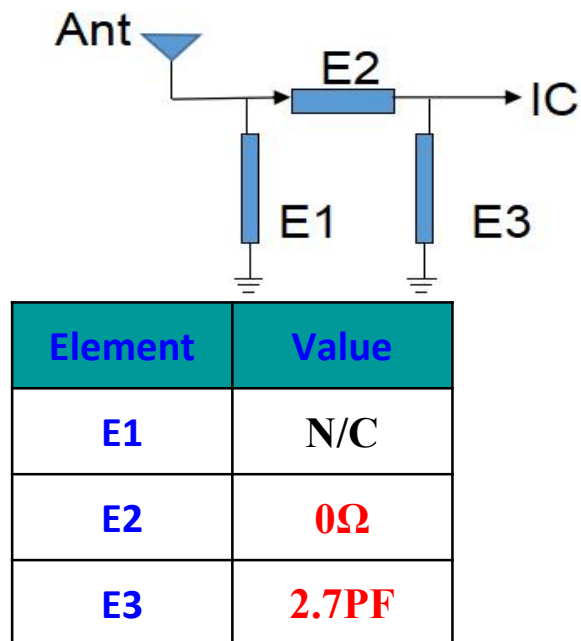


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3: Matching circuit



4: Structural drawing

