

Antenna Sample Datasheet

entry name:	A3957-R
Material category:	BT antenna
Antenna Type	PIFA
Antenna Material	FPC
edition:	A17
Date:	2024. 10. 28

Contents

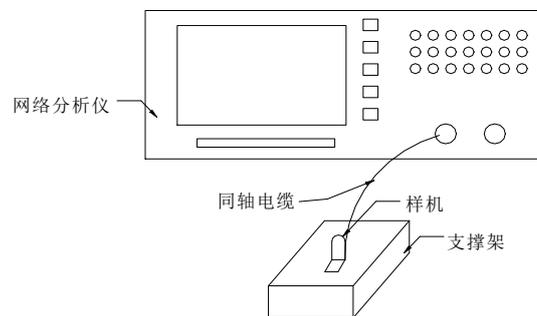
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1: Antenna test equipment

List of meters: Agilent 5071B;

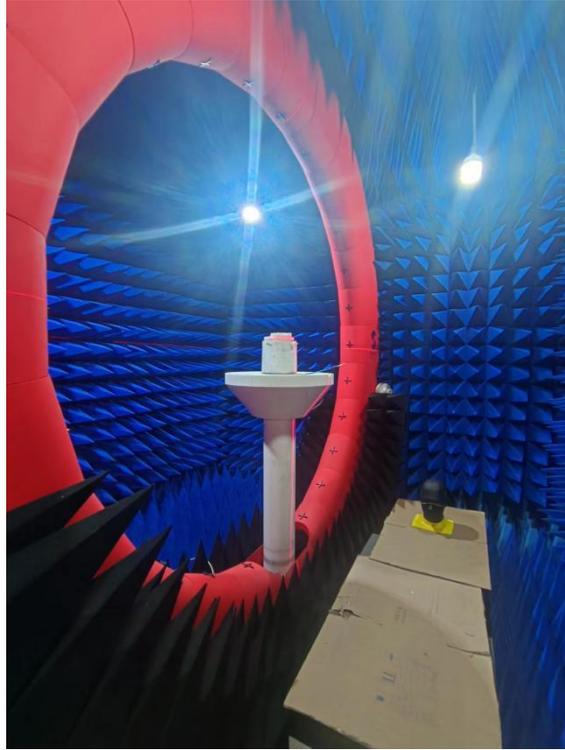


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



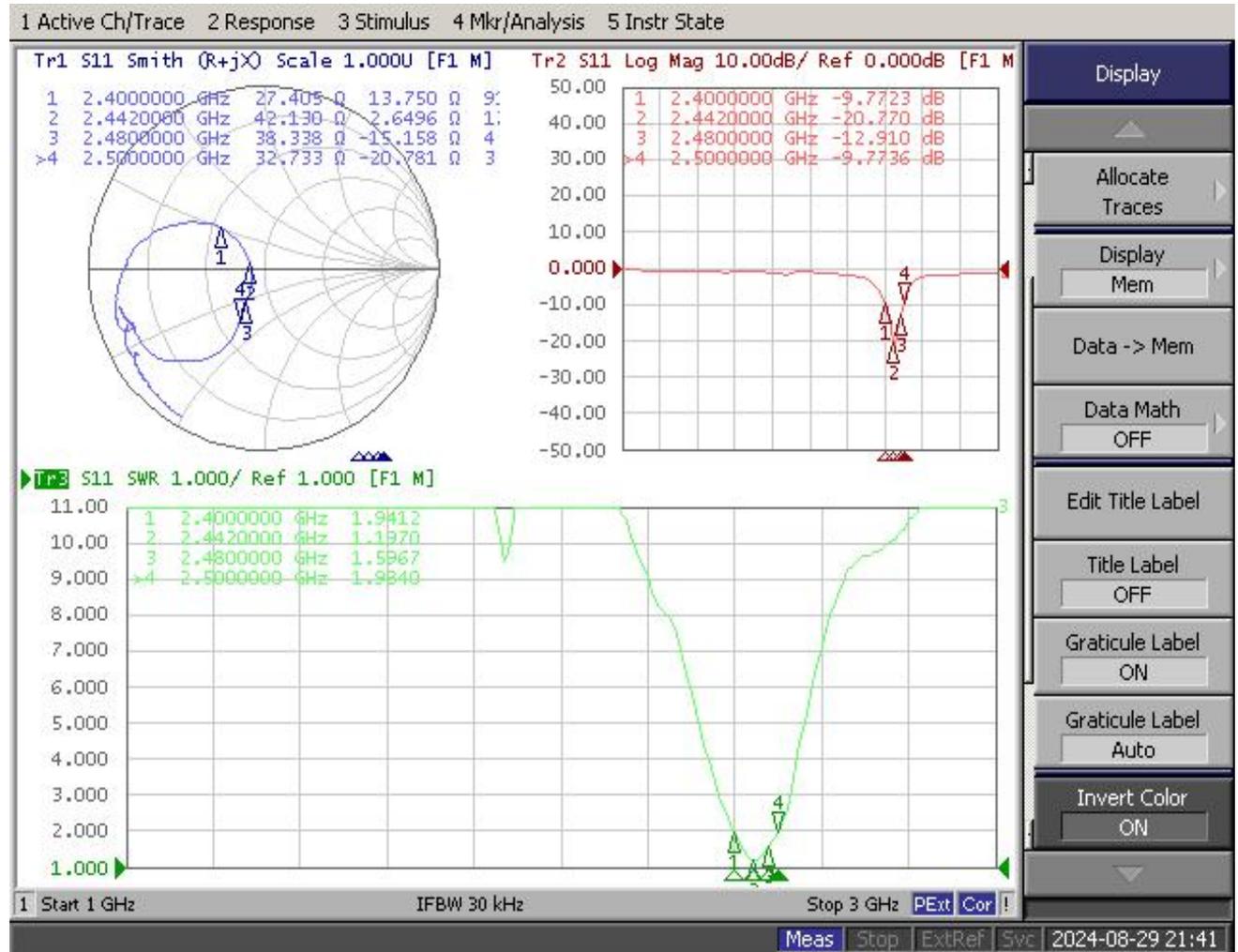
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

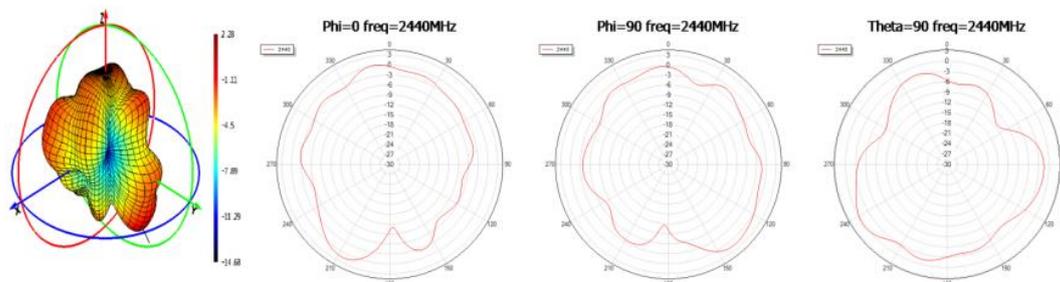
2.1: BT antenna S11 parameters



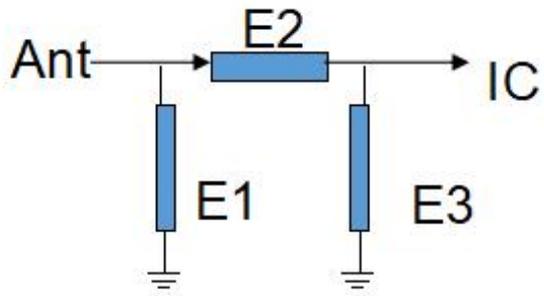
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.11	17.45
2410	2.16	18.72
2420	2.19	19.11
2430	2.2	19.05
2440	2.28	20.36
2450	2.25	20.18
2460	2.19	20.39
2470	2.15	19.89
2480	2.14	18.75

2.3: Passive pattern of BT antenna



3: Matching circuit



Element	Value
E1	N/C
E2	0Ω
E3	N/C

4: Structural drawing

