

Antenna Sample Datasheet

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

Contents

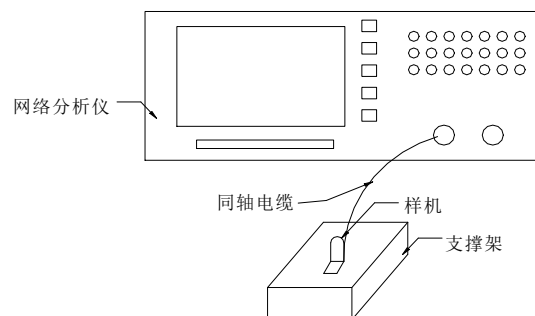
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1: Antenna test equipment

List of meters: Agilent 5071B;



1.1The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



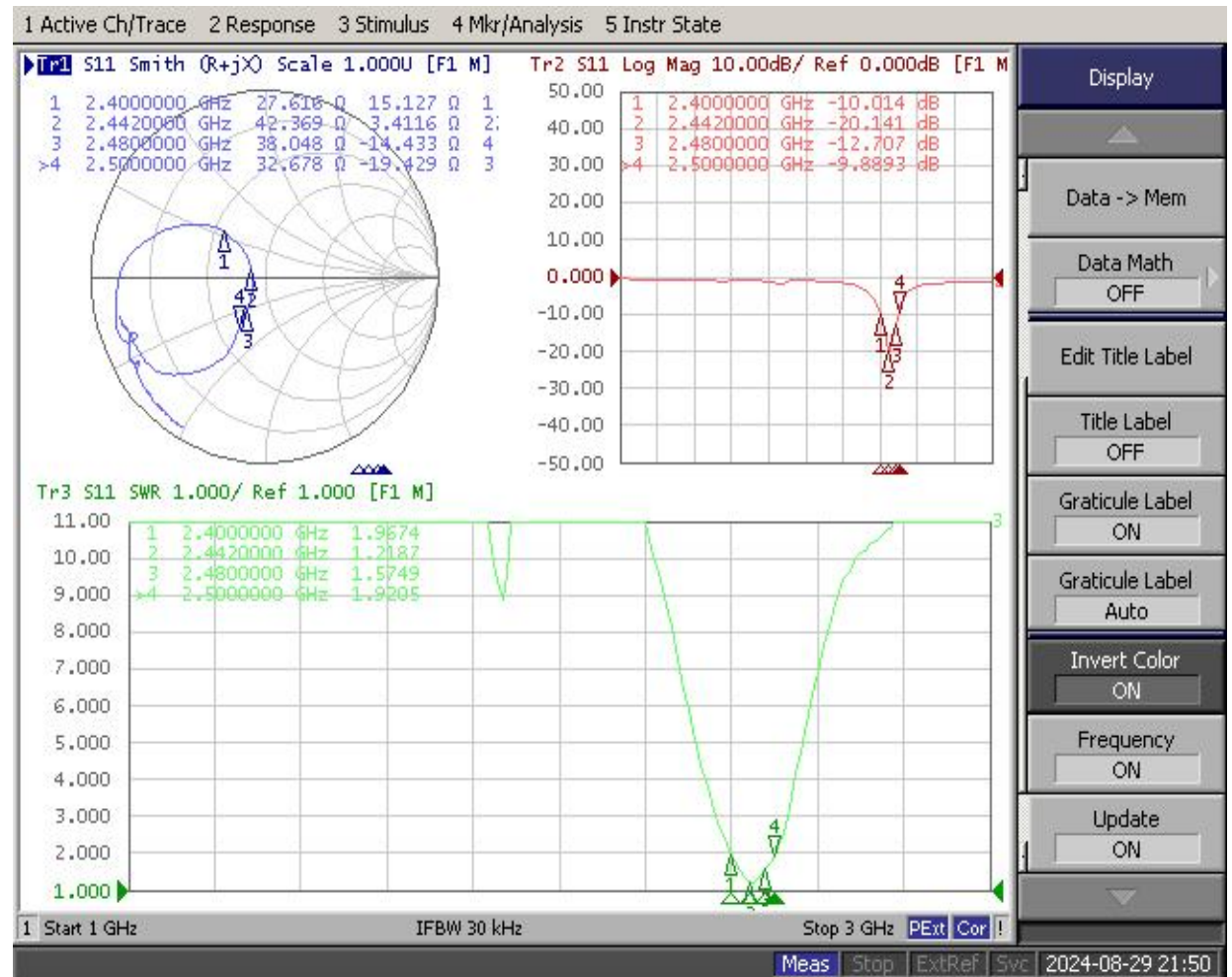
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

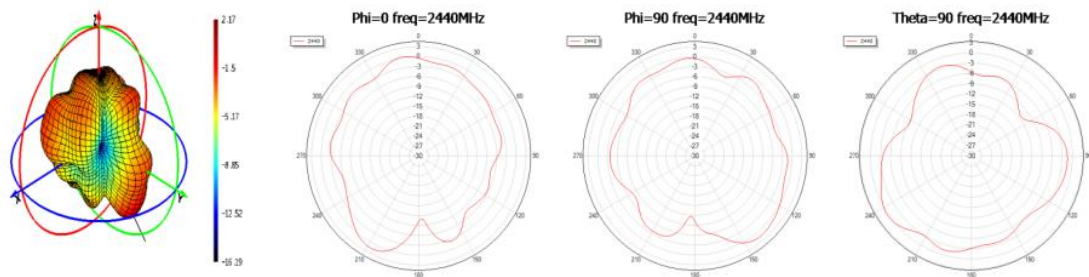
2.1: BT antenna S11 parameters



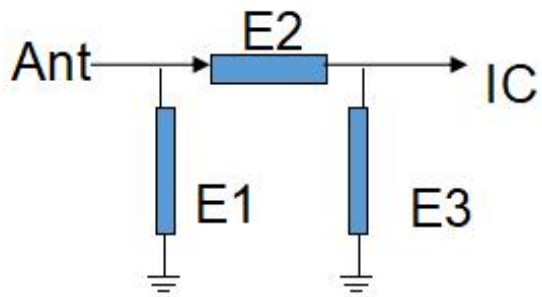
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	2.06	16.45
2410	2.09	17.4
2420	2.14	17.82
2430	2.15	18.49
2440	2.17	18.85
2450	2.16	18.44
2460	2.13	17.62
2470	2.1	17.23
2480	2.08	17.18

2.3: Passive pattern of BT antenna



3: Matching circuit



Element	Value
E1	N/C
E2	0Ω
E3	N/C

4: Structural drawing

