

Antenna Sample Datasheet

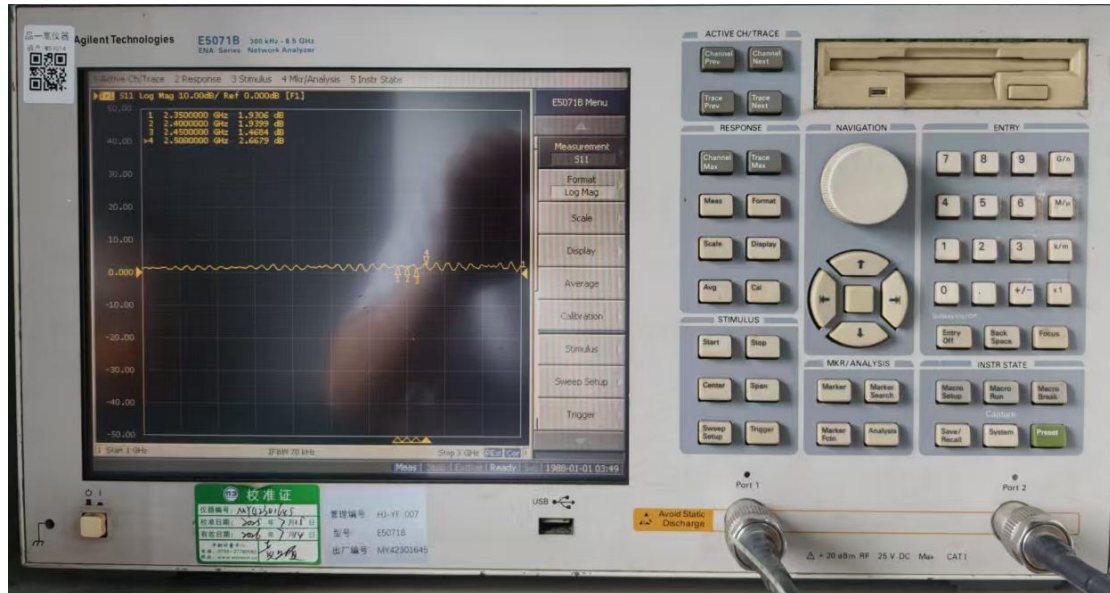
customer:	Hangzhou Guangli TECHNOLOGY Co., LTD
entry name:	RD021
Antenna Type	Ceramic Antenna
Antenna Material	Chip ANT
edition:	A0
Test date:	2026.3.23

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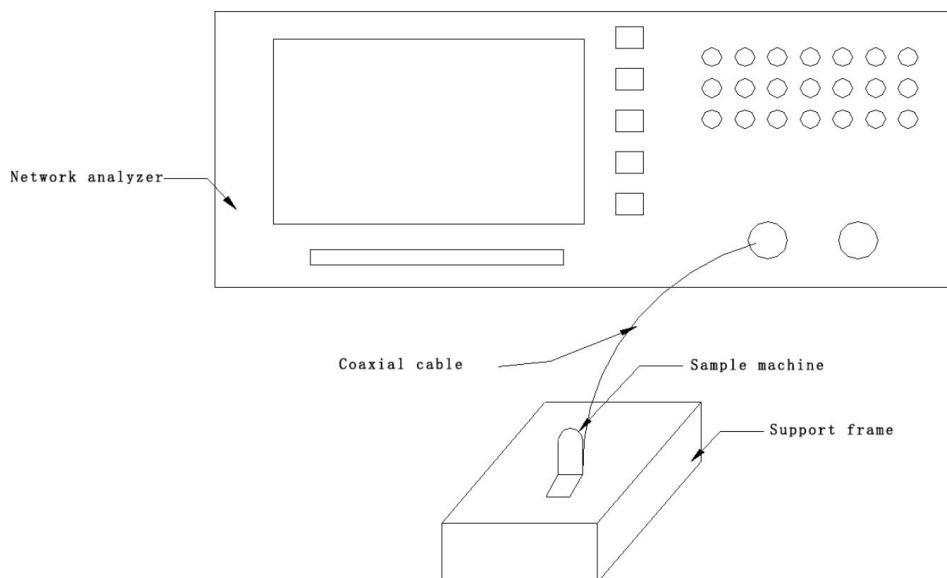
1: Antenna test equipment

List of meters: Agilent 5071B;



Date of calibration: 2025.7.15 Due date: 2026.7.14

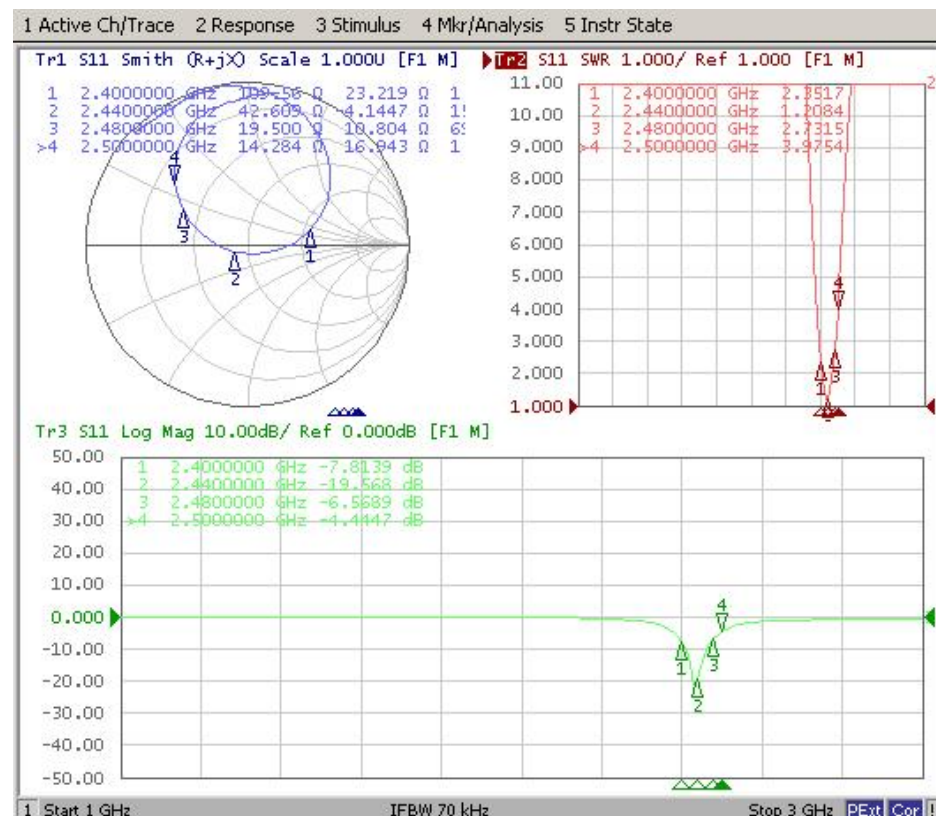
1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

2: Passive test report

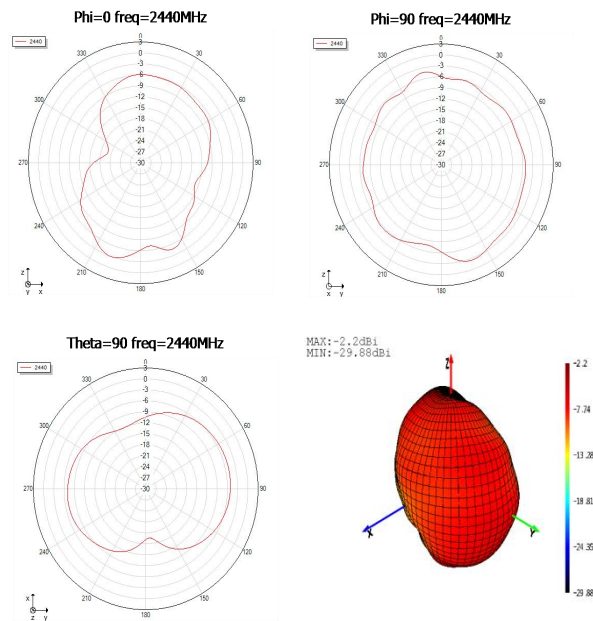
2.1: BT antenna S11 parameters



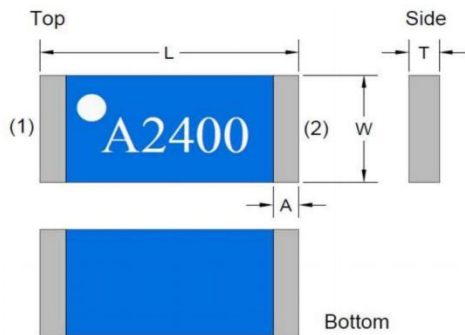
2.2: Passive efficiency of antenna

Freq(MHz)	Gain(dBi)	Efficiency(%)
2400	-3.95	14.55
2410	-3.69	15.81
2420	-3.11	16.51
2430	-2.89	16.53
2440	-2.20	16.28
2450	-2.35	15.92
2460	-2.85	15.35
2470	-3.28	15.18
2480	-3.98	14.74
2490	-3.74	14.01
2500	-3.25	13.46
Mean value	-3.21	15.3

2.3: Passive pattern of BT antenna



4: tructural drawing



NO.	Terminal Name
[1]	Feeding point
[2]	GND

Dimensions in mm				
TYPE	L	W	D	T
HCA3216B2450C12S	3.05±0.1	1.6±0.2	0.4±0.2	0.55±0.2