

Antenna Sample Datasheet

customer:	Dongguan Hele Electronics Co., LTD
entry name:	CT03-R
Material category:	BT antenna
Antenna Material	LDS
edition:	A0
Date:	2026. 7. 8

Contents

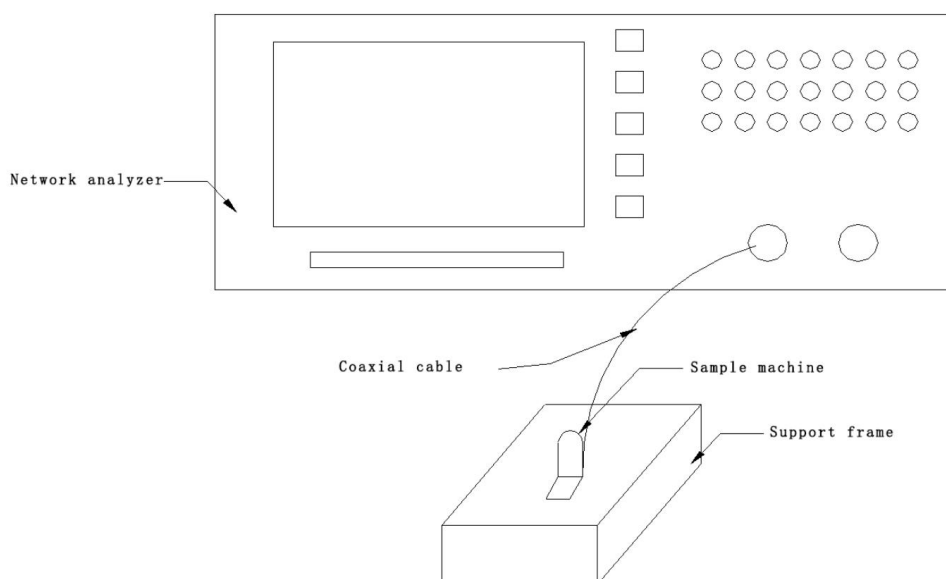
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1: Antenna test equipment

List of meters: Agilent 5071B;

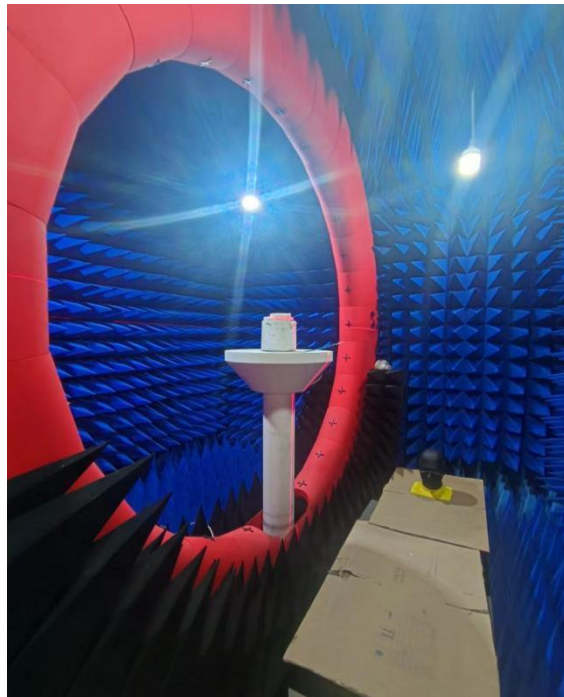


1.1The principle diagram of the ETS anechoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



Inside the ETS anechoic chamber



Test Machine

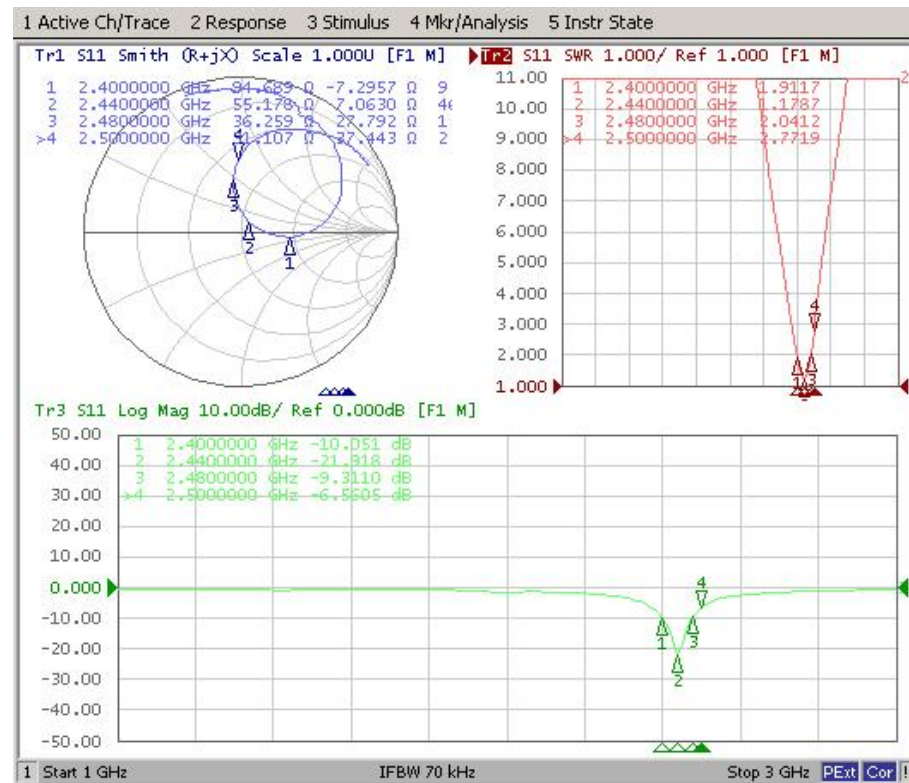
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2: Passive test report

2.1: BT antenna S11 parameters



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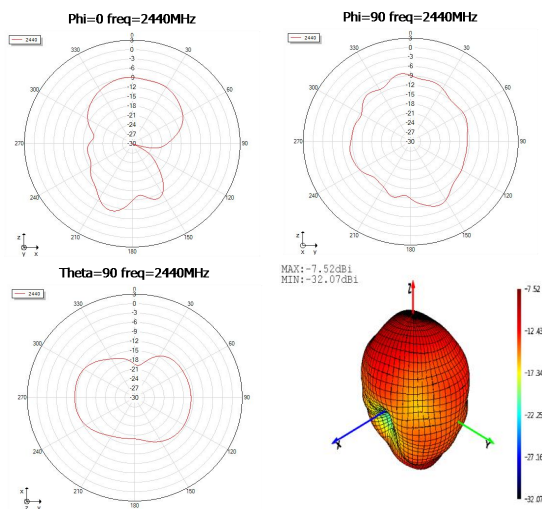
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2.2: Passive efficiency of antenna

2400-2500MHz		
Freq(MHz)	Gain(dBi)	Efficiency(%)
	free space	free space
2400	-8.74	7.90
2410	-8.21	8.64
2420	-7.83	9.16
2430	-7.54	9.39
2440	-7.52	9.42
2450	-7.71	9.17
2460	-7.79	9.02
2470	-7.89	8.99
2480	-8.10	8.45
2490	-8.21	8.26
2500	-8.56	8.11
Mean value	-8.01	8.77

2.3: Passive pattern of BT antenna

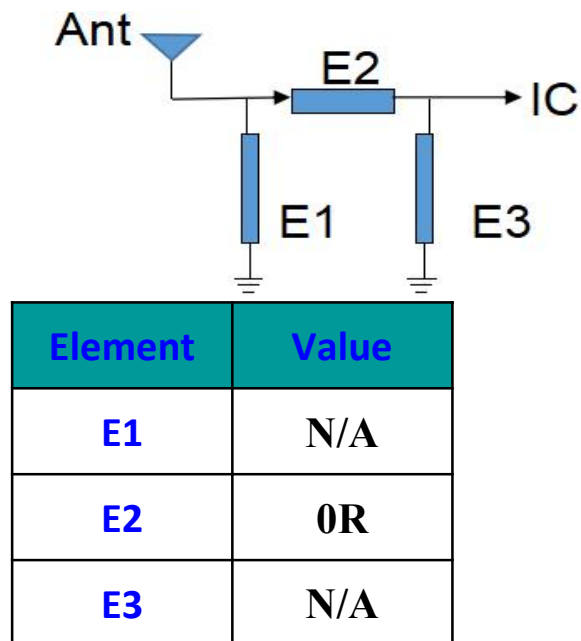


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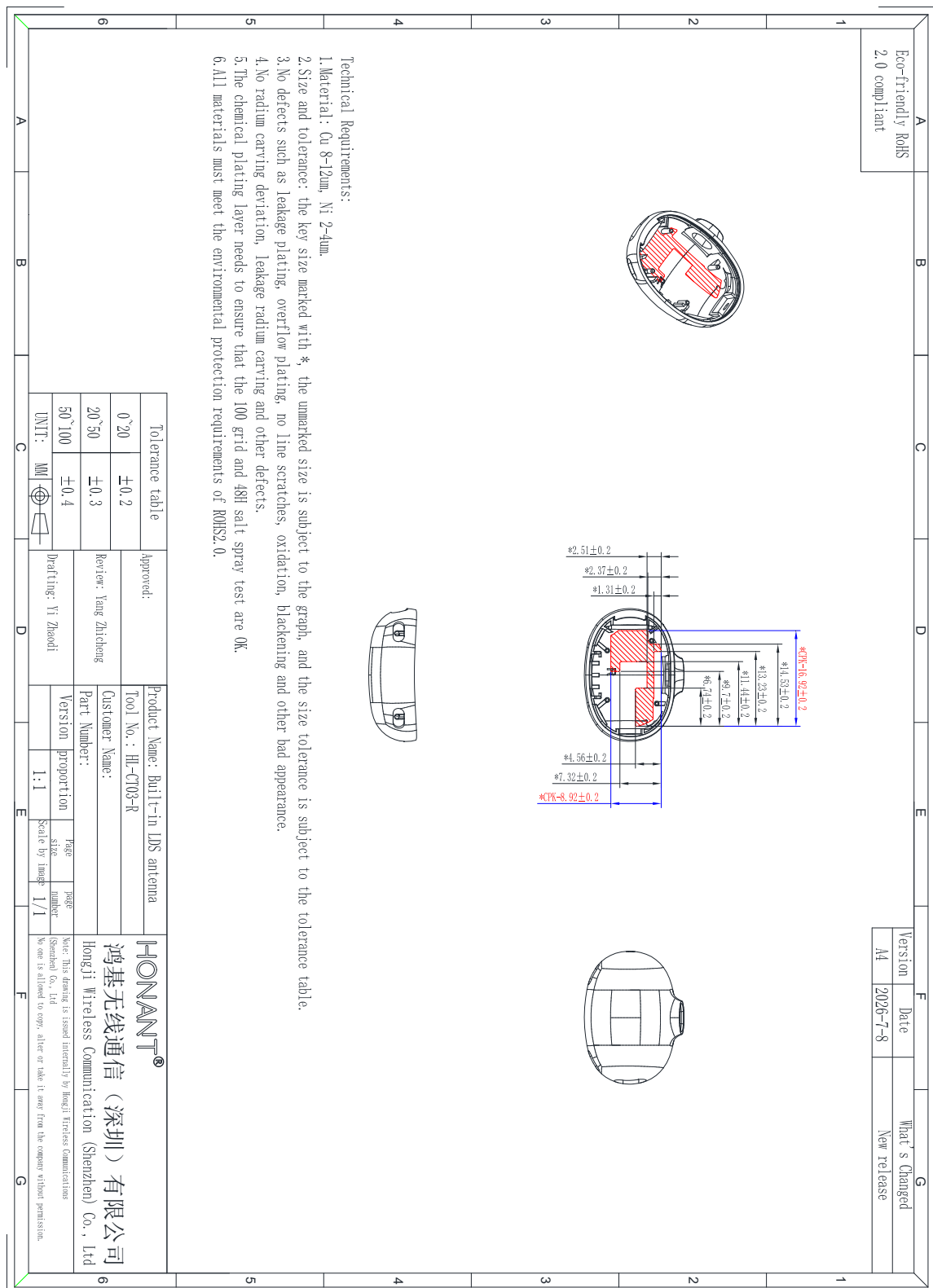
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3: Matching circuit



4: Structural drawing



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