

Antenna Sample Datasheet

customer:	Dongguan yuanfenglun Technology Co., LTD
entry name:	EPA720
Material category:	BT antenna
Antenna Type	Monopole
Antenna Material	FPC ANT
edition:	A0
Date:	2024. 12. 23

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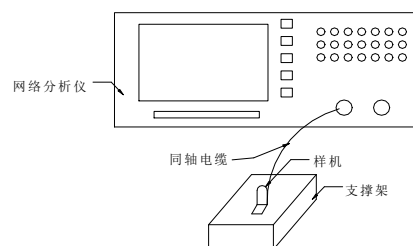
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1: Antenna test equipment

List of meters: Agilent 5071B;

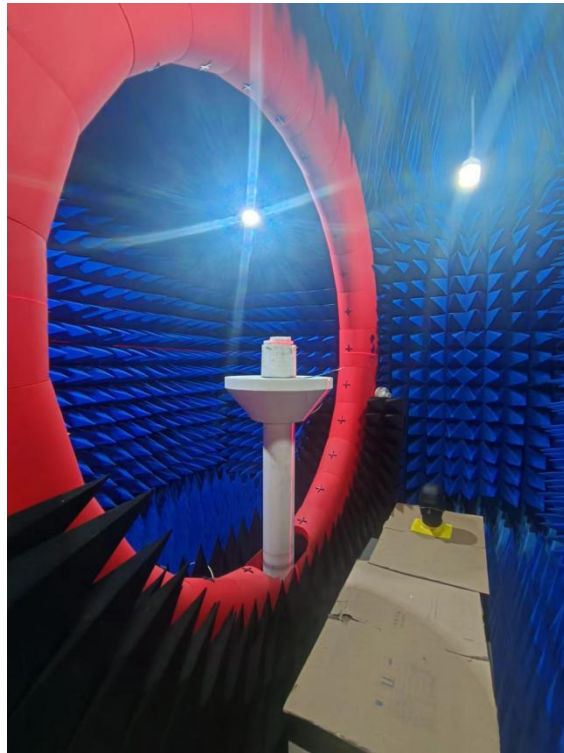


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



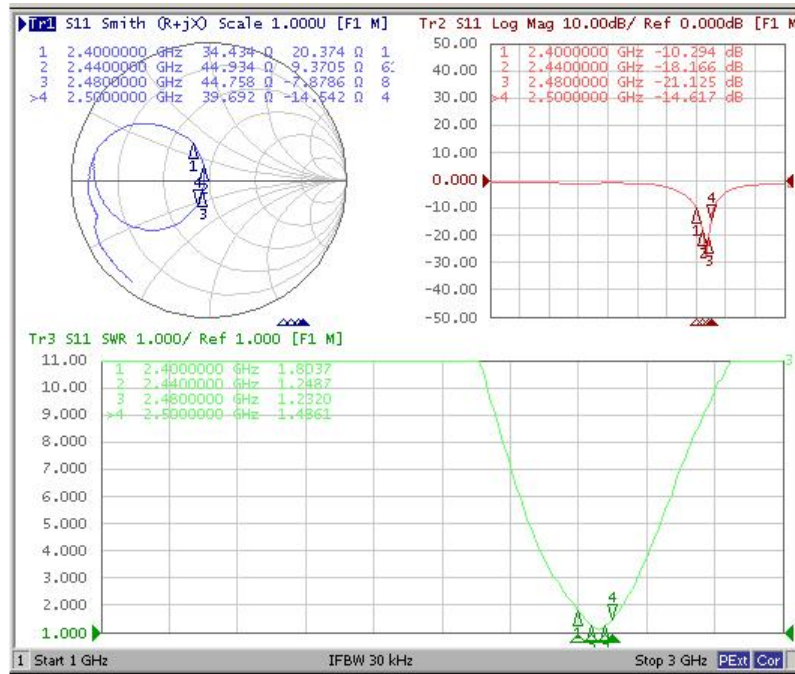
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

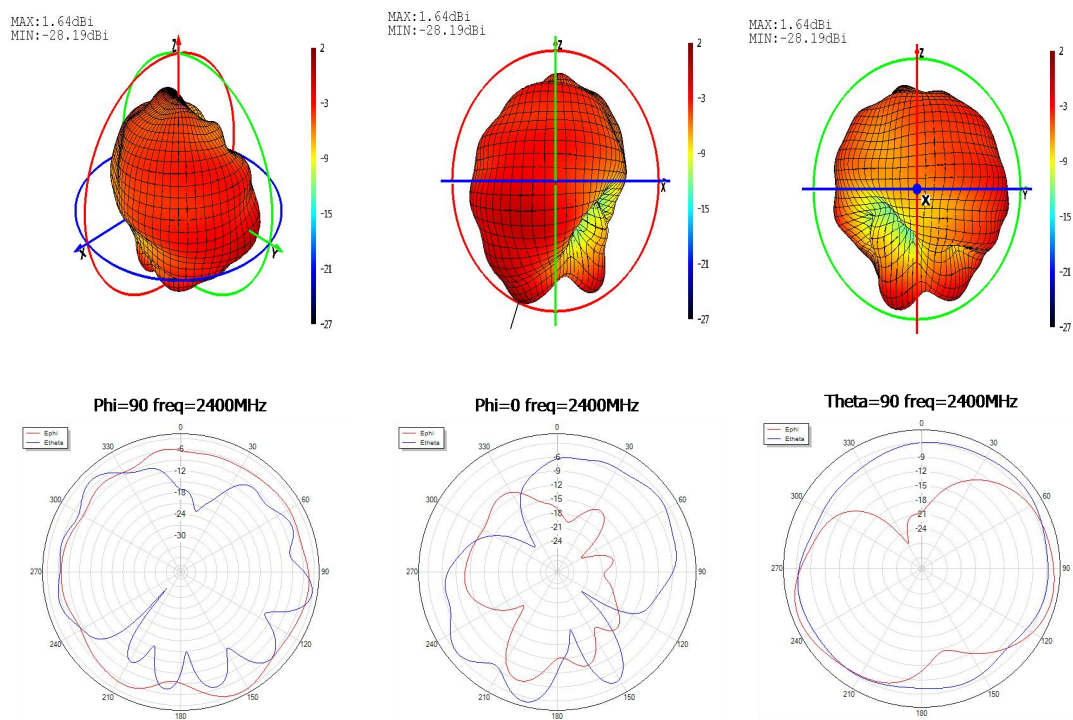
2.1: BT antenna S11 parameters



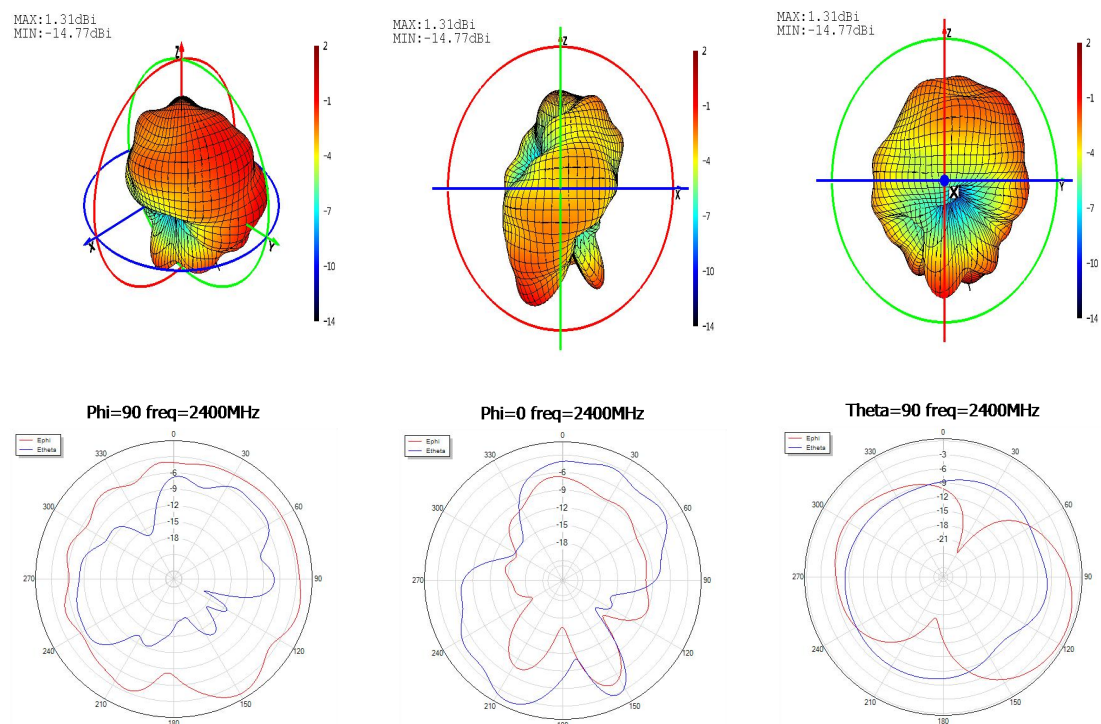
2.2: Passive efficiency of antenna

	L		R	
Freq(MHz)	Gain(dBi)	Efficiency(%)	Gain(dBi)	Efficiency(%)
2400	1.64	31.92	1.31	34.76
2410	1.63	33.29	1.51	34.79
2420	1.73	35.15	1.72	35.39
2430	1.77	38.06	1.74	35.10
2440	1.82	39.55	1.69	34.80
2450	1.95	40.23	1.6	36.21
2460	1.91	40.42	1.71	37.52
2470	1.88	39.04	1.85	38.46
2480	1.72	35.41	1.88	40.36

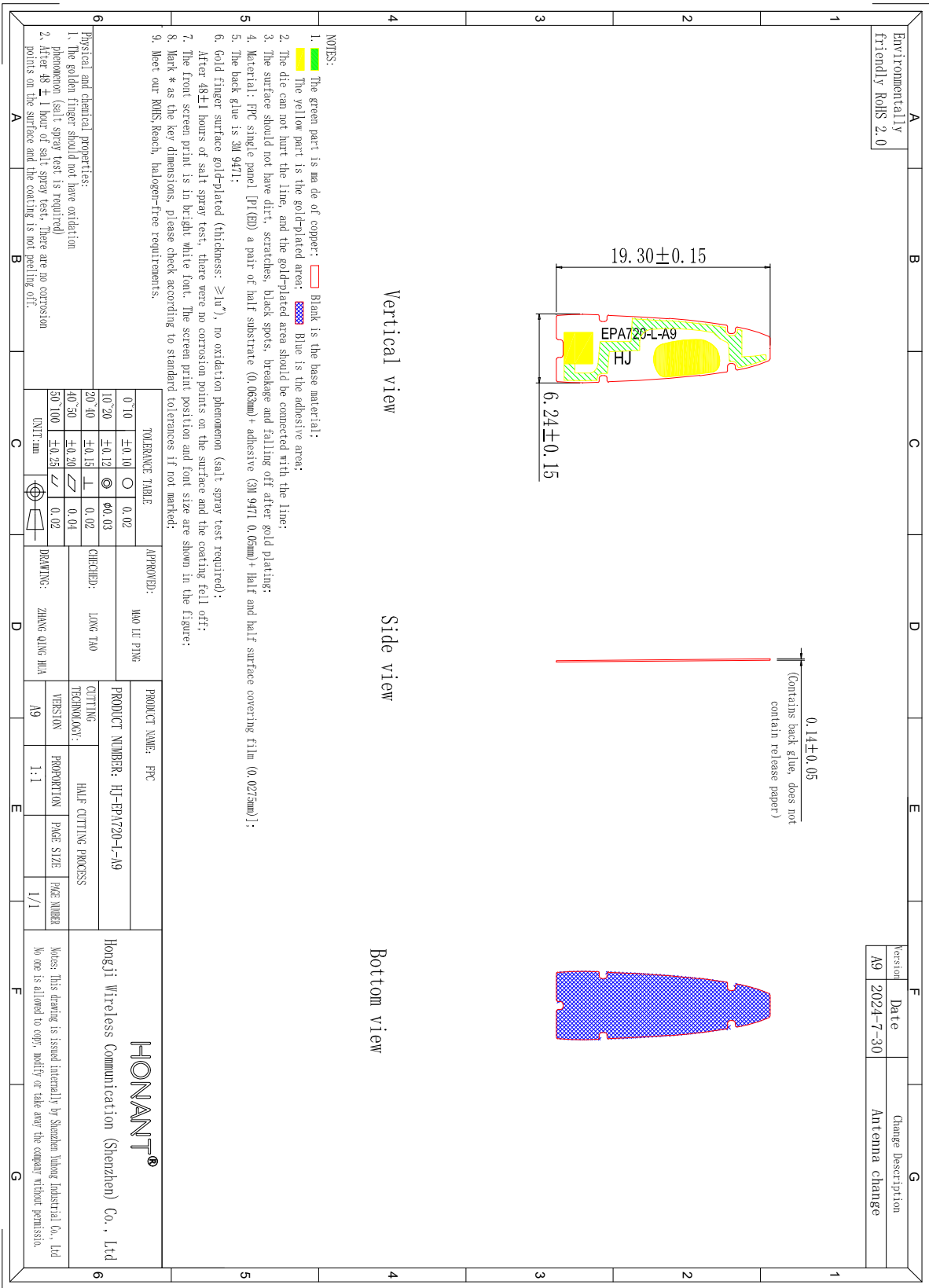
2.3: Passive pattern of BT antenna - L



2.4: Passive pattern of BT antenna - R



3: 1 tructural drawing (Left)



3: 2structural drawing (Right)

