

Antenna Sample Datasheet

customer:	Shanghai Evoiot Intelligent Technology Co.,LTD
Address:	12th Floor, West B, Building 8, Huaqiang Creative Industry Park, Guangming District, Shenzhen
entry name:	SW-R1312A
Material category:	BT antenna
Antenna Type	FPC
Antenna Material	FPC
edition:	A0
Date:	2024. 05. 30

Contents

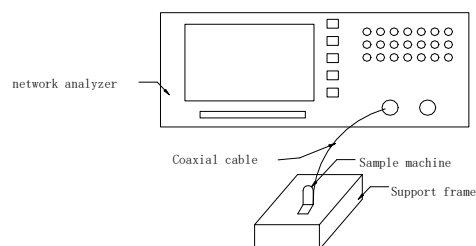
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1: Antenna test equipment

List of meters: Agilent 5071B;

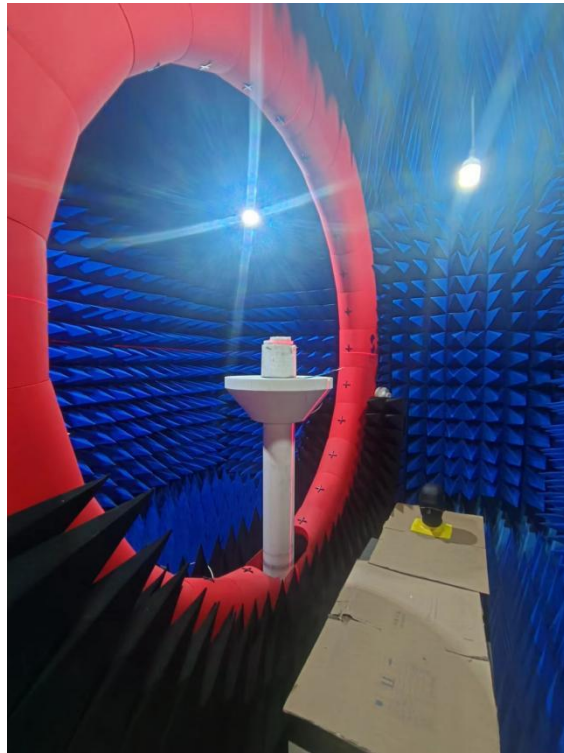


1.1 The principle diagram of the ETS anechoic chamber



Picture1. Antenna static test connection method

1.2 Pictures of the ETS anechoic chamber



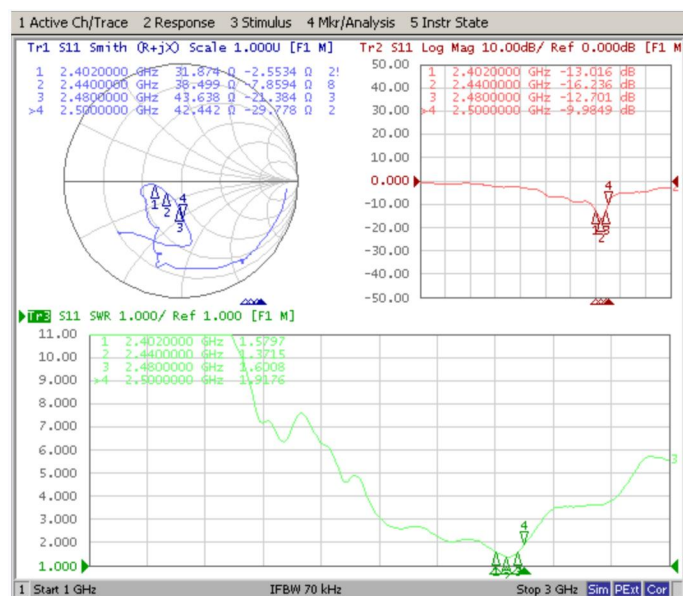
Inside the ETS anechoic chamber



Test Machine

2: Passive test report

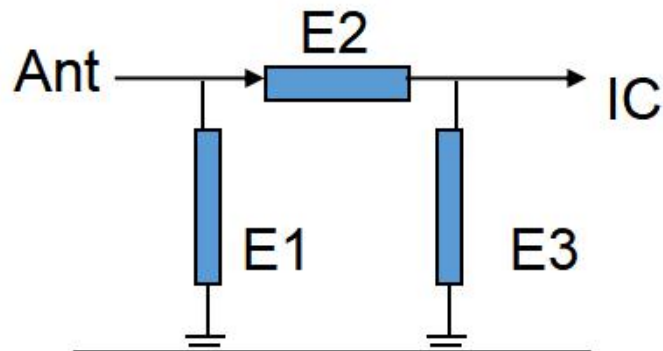
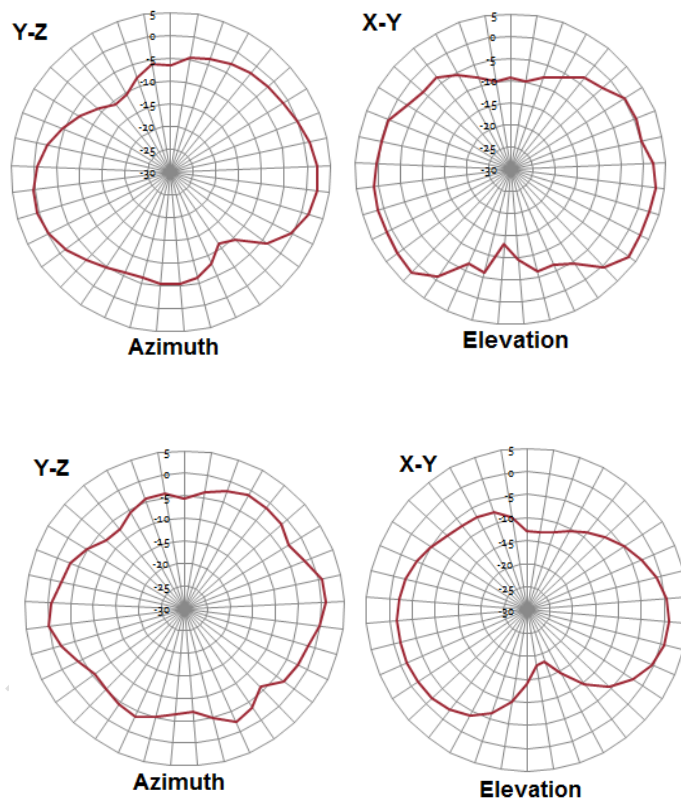
2.1: BT antenna S11 parameters



2.2: Passive efficiency of antenna

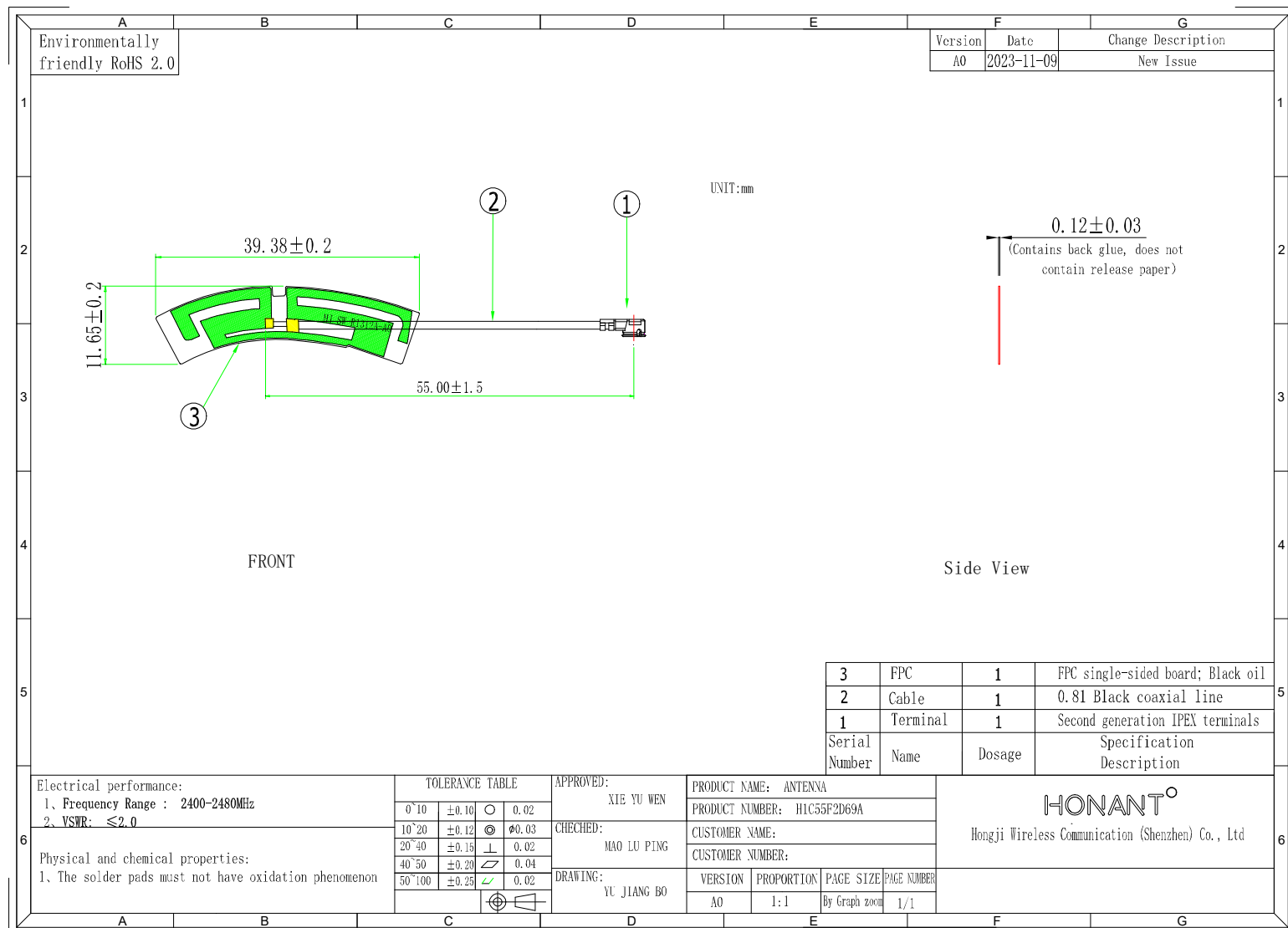
2400-2480MHz				
Freq(MHz)	Gain(dBi)	Efficiency(%)		
2400	3.53	58.94		
2410	3.25	58.74		
2420	3.12	58.32		
2430	3.1	57.66		
2440	3.19	56.82		
2450	3.29	56.63		
2460	3.27	56.52		
2470	3.07	56.68		
2480	2.86	57.37		

2.3: Passive pattern of BT antenna



Element	Value
E1	
E2	0R
E3	

4: Structural drawing



5: Antenna diagram

