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

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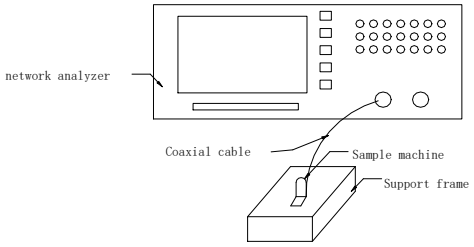
1：Antenna test equipment

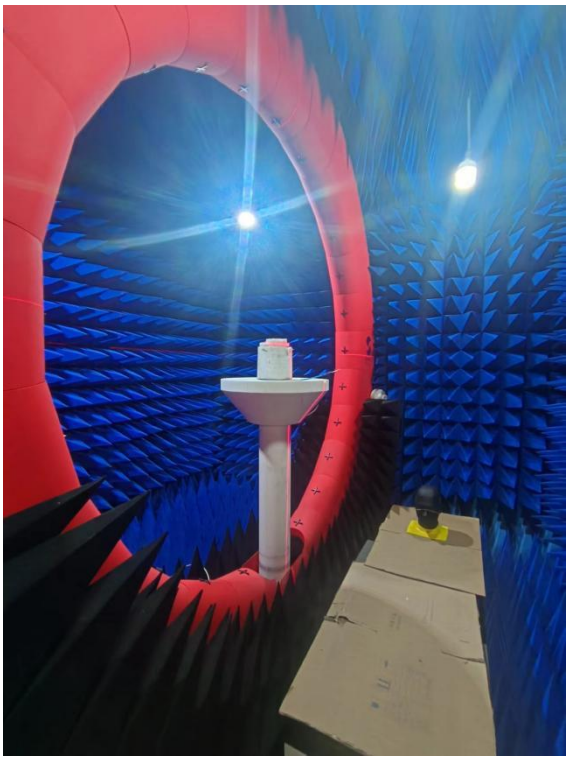
List of meters： Agilent 5071B；

1.1The principle diagram of the ETS anochoic chamber



Picture1.Antenna static test connection method

1.2 Pictures of the ETS anochoic chamber

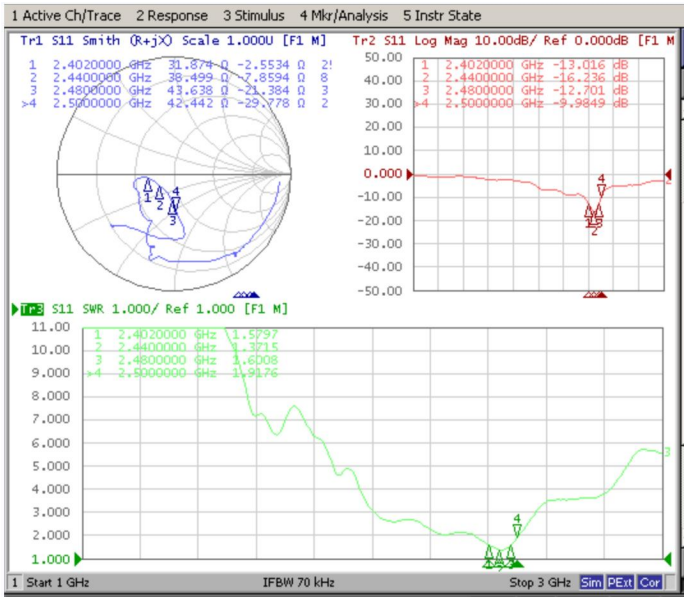


Inside the ETS anochoic chamber

Test Machine

2：Passive test report

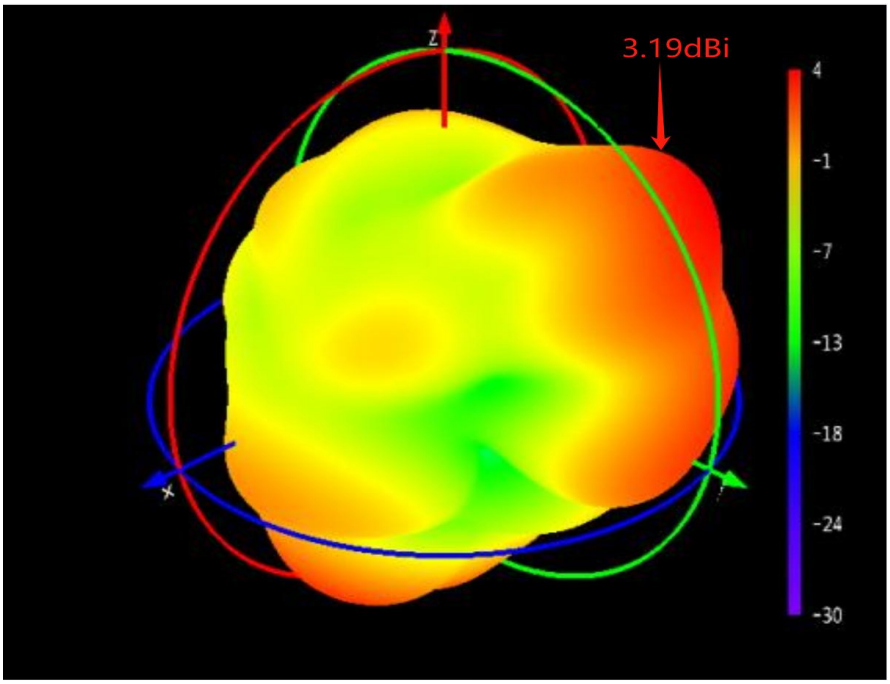
2.1： BT antenna S11 parameters



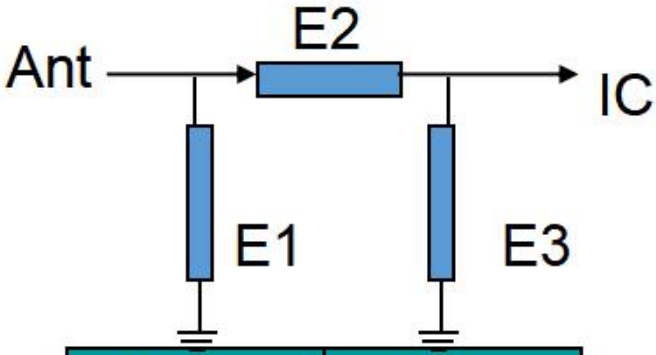
2.2： Passive efficiency of antenna

2400-2480MHz				
Freq(MHz)	Gain(dBi)	Efficiency(%)		
2400	3.5	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

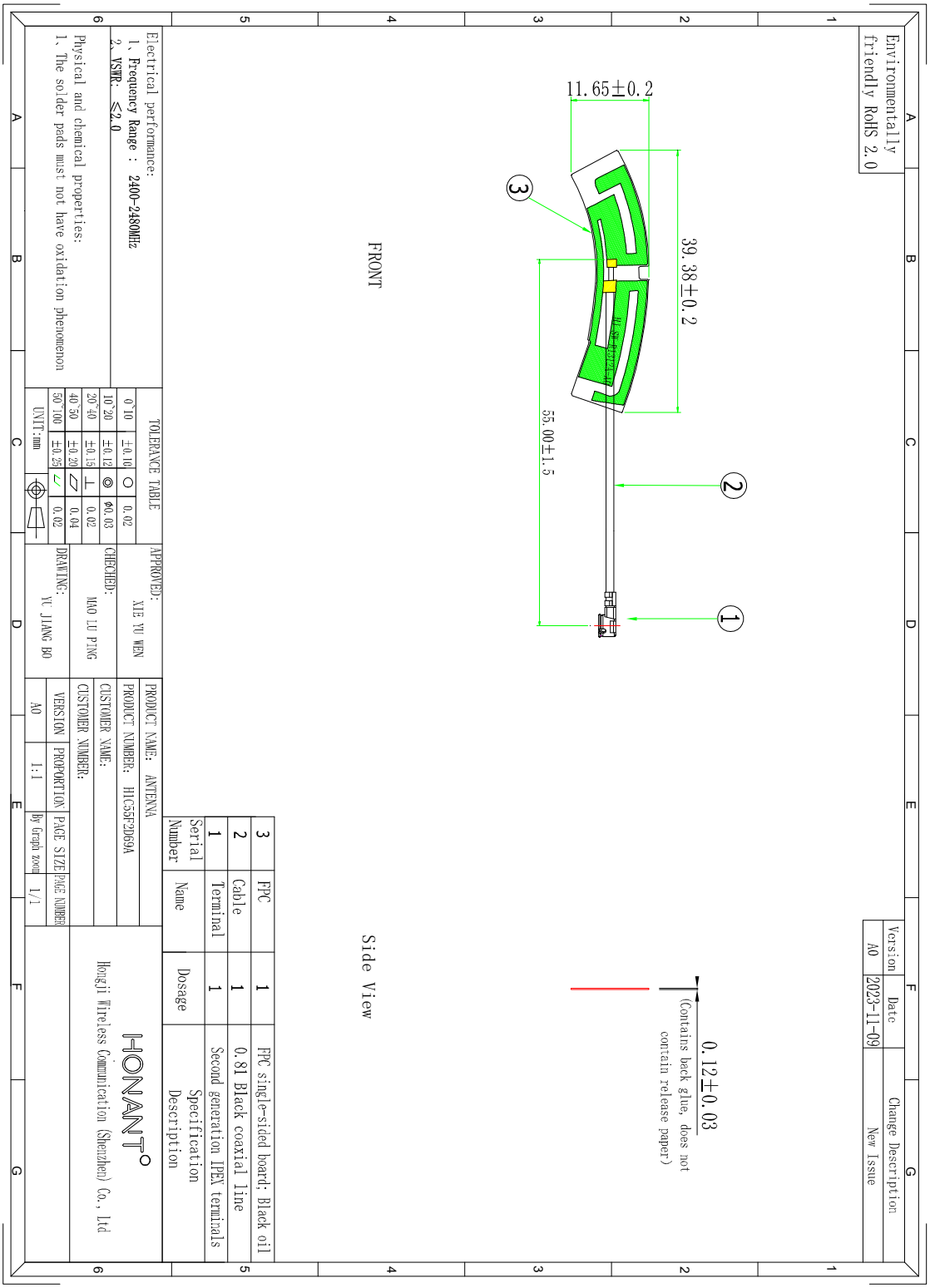
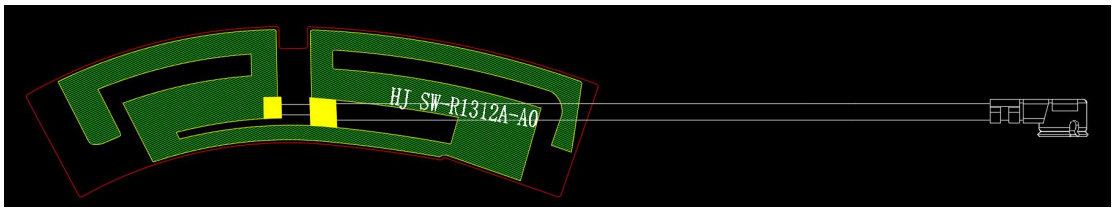


2440MHz



Element	Value
E1	
E2	0R
E3	

4：Structural drawing



5：Antenna diagram