

ANTENNA SPECIFICATION

Shenzhen Strongpower Communication Co., Ltd

Blue tooth sky line

Product acceptance letter

Clients who		Product acceptance letter	BT: 2402MHz-2480MHz
project			
RF		RE	
EE		DATE	

Name: Shenzhen Strongpower Communication Co., Ltd

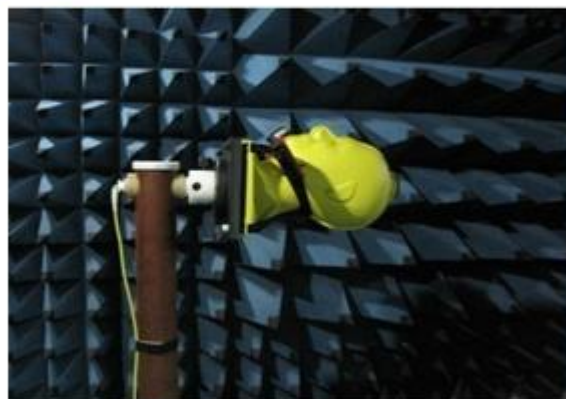
Site: Shenzhen,Nanshan District,Nanshan District, 701, Floor 5, W2A,
South Fourth Road

一、 Test Environment

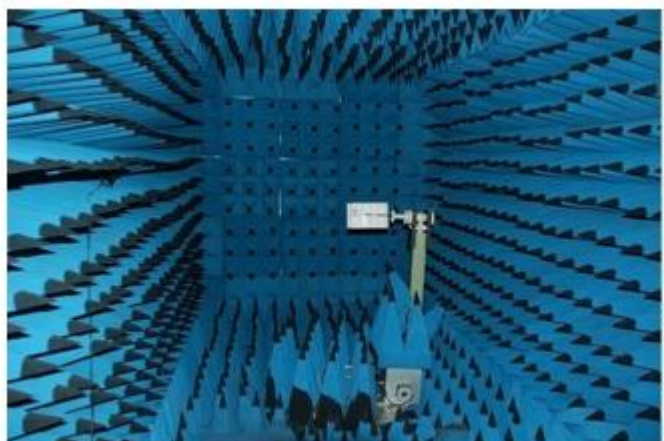
chamber



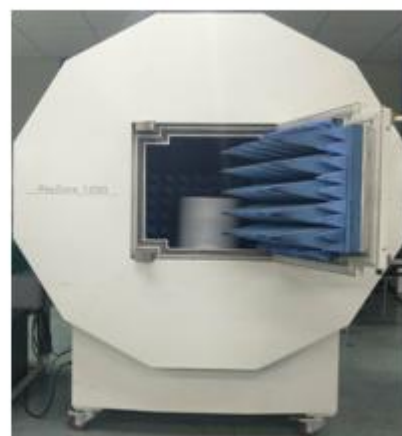
Satimo



Airlink

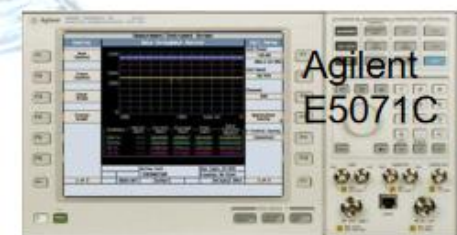
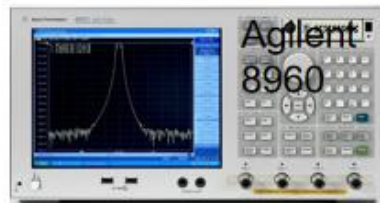


Guang Ping



GTS

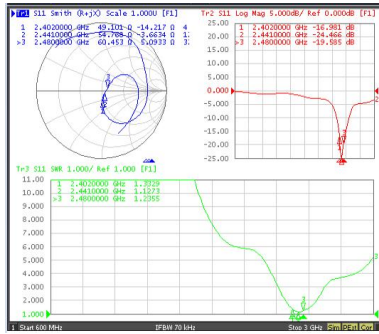
2. Instrument for testing



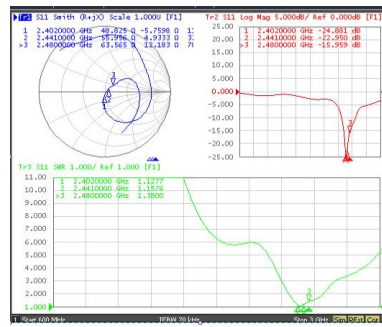
二.Passive test data

1.S parameter

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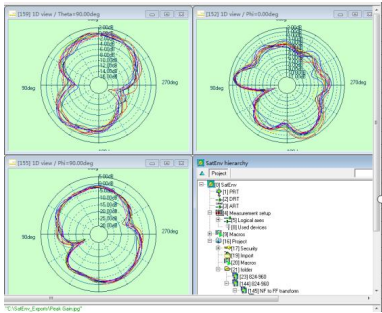


2. Efficiency&Gain

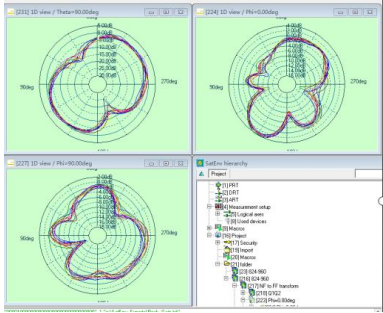
Frequency (MHz)	The efficiency of %	The efficiency of (dB)	Gain (dBi)
2400	44.72%	-3.49	3.11
2410	42.76%	-3.69	3.74
2420	43.76%	-3.59	3.65
2430	42.65%	-3.70	3.47
2440	38.23%	-4.18	3.12
2450	38.96%	-4.09	3.47
2460	36.74%	-4.35	2.81
2470	37.56%	-4.25	3.16
2480	36.33%	-4.40	2.66

3. Passive direction diagram

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三. Active test data

1. TRP&TIS

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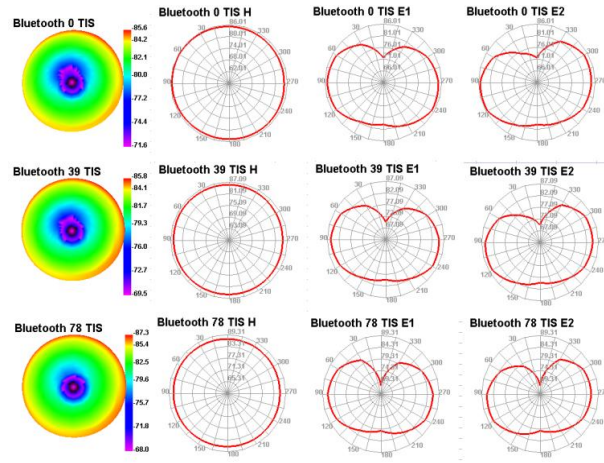
Channel CH	TRP (dBm)	TIS (dBm)
0	1. 6	-83. 49
39	1. 55	-83. 68
78	2. 61	-85. 19

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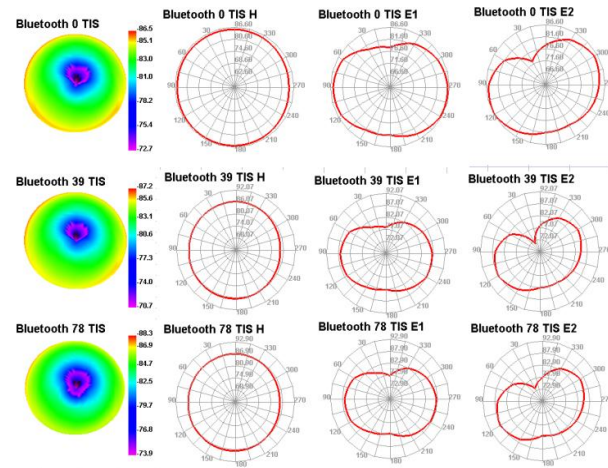
Channel CH	TRP (dBm)	TIS (dBm)
0	2. 63	-84. 28
39	2. 8	-84. 74
78	3. 1	-85. 61

2. Direction chart

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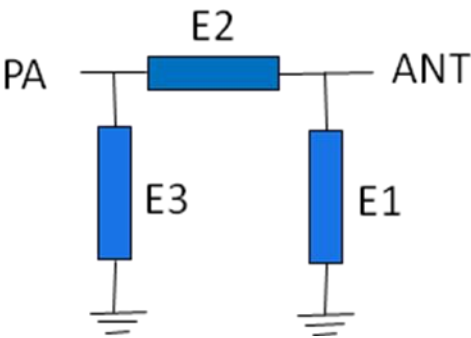


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四. Matching circuit

Element	E1	E2	E3
Value	1.2pf	0R	NC



五: Engineering drawing

