



Shen Zhen Cicent Communication Technology Co., Ltd

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Material Sample Acknowledgment

Customer Name Shenzhen AngSi Technology Co., Ltd.

Customer Item No./Machine Model Bluetooth antennaL: 3.01015.2556;

Bluetooth antennaR: 3.01015.2557 HAT606/612CB&S

Specifications H606/H612CB&S V03L/ H606/H612CB&S V03R

Material composition test report:

Serial No	texture of material	Report No	Valid until
1	base material	SHAEC2202460503	2023-2-21
2	9471LE	CANEC2200386501	2023-1-12
3	KSM-S1689	SHAEC2204780901	2023-3-29
4	Gold nickel electroplating	A2210513116101001E	2022-12-10
5	ZSR-150	ETR21A04957M01	2022-10-29

Supplier review team:

make	examine	approval	Sample delivery date/company seal
			2022/10/10

Customer BaiCai (Angsi) review team:

Acknowledgment No: _____ Revision _____ Date _____

<u>approval</u>	<u>to examine</u>	<u>ratify</u>	<u>Date of recognition</u>
Review items: <input type="checkbox"/> Acknowledgment in triplicate <input type="checkbox"/> Test report <input type="checkbox"/> <input type="checkbox"/> Drawings/Dimensions <input type="checkbox"/> Reliability test report <input type="checkbox"/> sample PCS			
Review conclusion: <input type="checkbox"/> accept <input type="checkbox"/> Conditional acceptance <input type="checkbox"/> refuse			
PS: NO: FM-QIM002-06 C.0			



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Change record			
Compile / change date	Reason for change	Changed content	Version

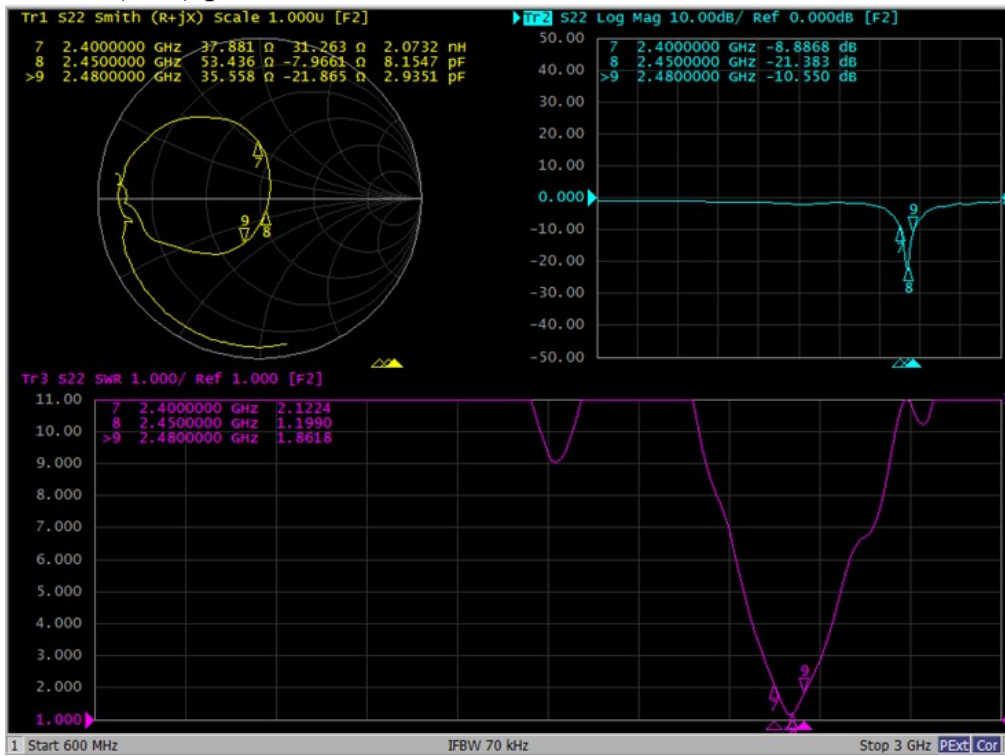


I: The report of passive data



Angilent E5071C

VSWR(S11) parameter (R) :

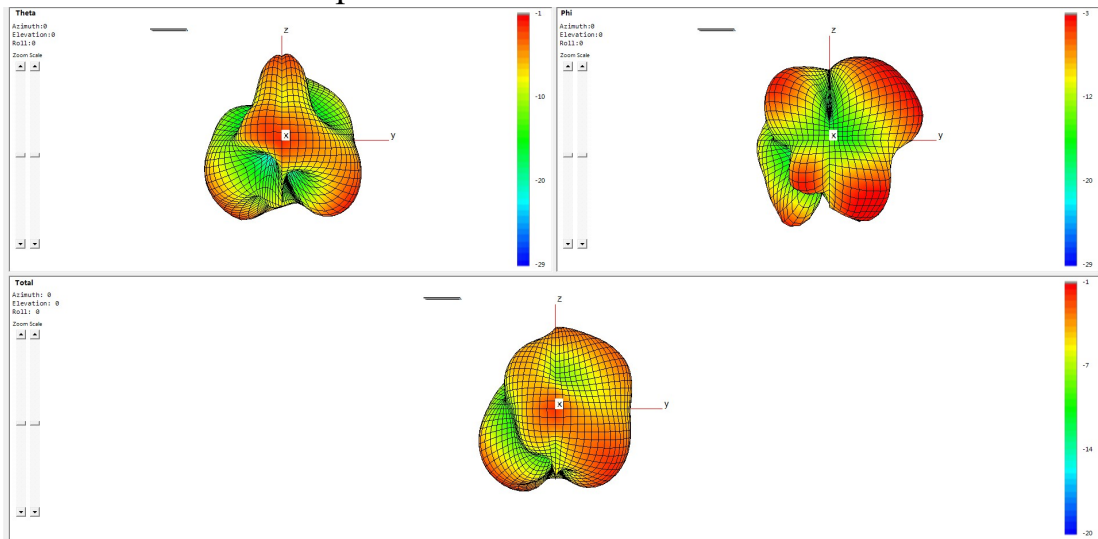




Efficiency:

2400-2480 MHz (R)			
Frequency (MHz)	Efficiency	Efficiency (dB)	Gain (dBi)
2400	27%	-5.66	-1.30
2410	29%	-5.33	-0.92
2420	31%	-5.09	-0.67
2430	31%	-5.12	-0.71
2440	30%	-5.25	-0.96
2450	30%	-5.20	-0.98
2460	29%	-5.39	-1.21
2470	30%	-5.26	-1.07
2480	30%	-5.26	-1.05
Average value	30%	-5.28	-0.99

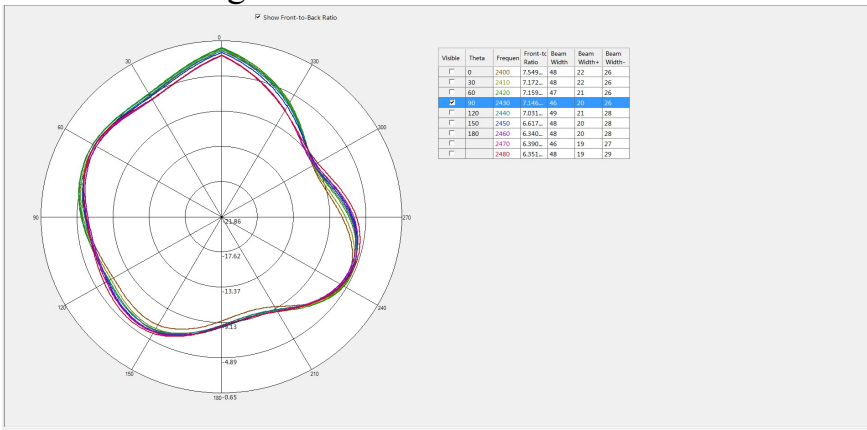
3D Antenna radiation pattern (R) :



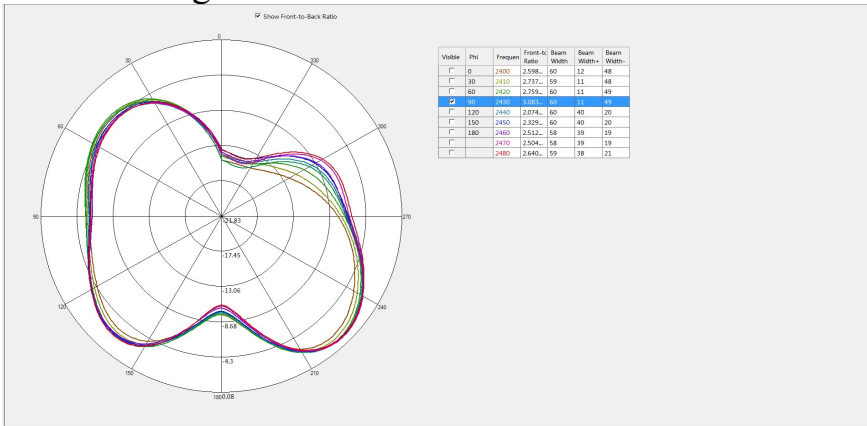


Antenna radiation pattern (R) :

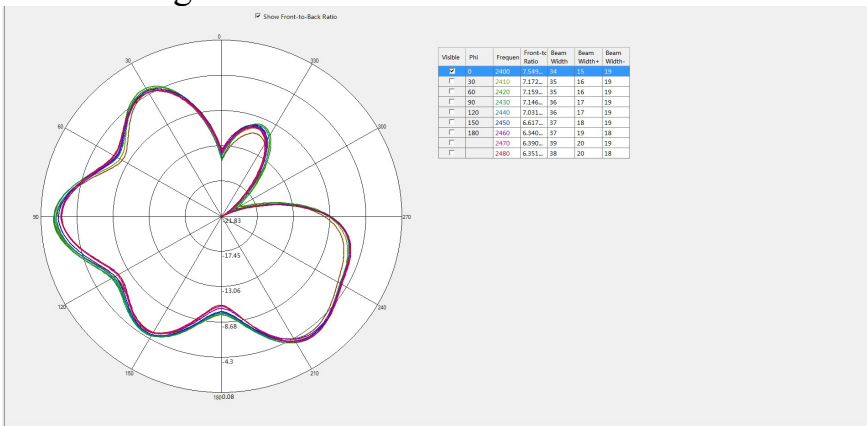
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg

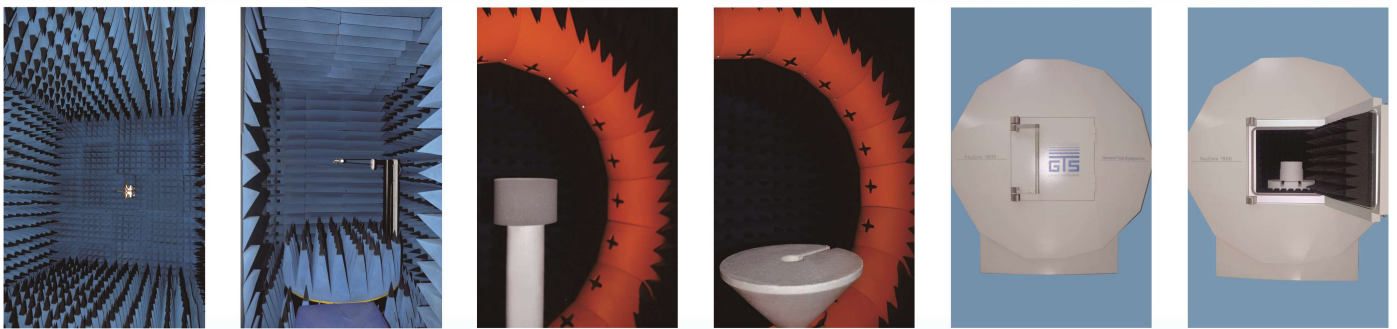




II: 3D Active test report of antenna

1#	Channel	TRP (dBm)	TIS (dBm)
R	0	4.0	-89.8
	39	4.9	-89.8
	78	4.9	-89.8

2#	Channel	TRP (dBm)	TIS (dBm)
R	0	4.6	-89.4
	39	4.8	-89.7
	78	4.0	-89.7

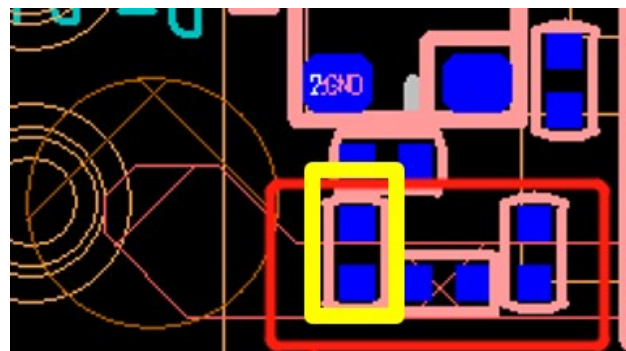
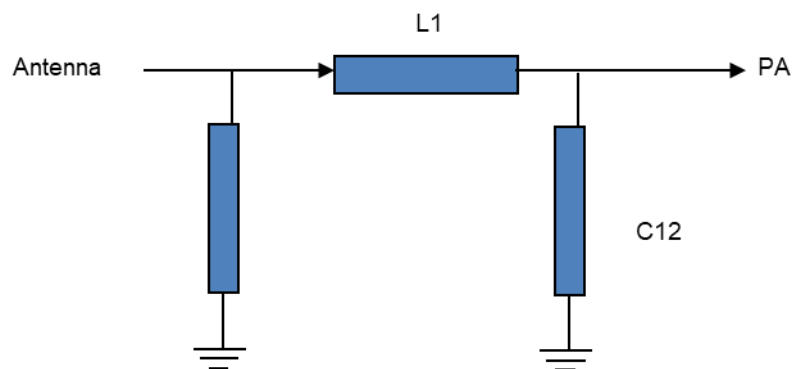


OTA Standard Chamber

III: Matching circuit

Right ear:

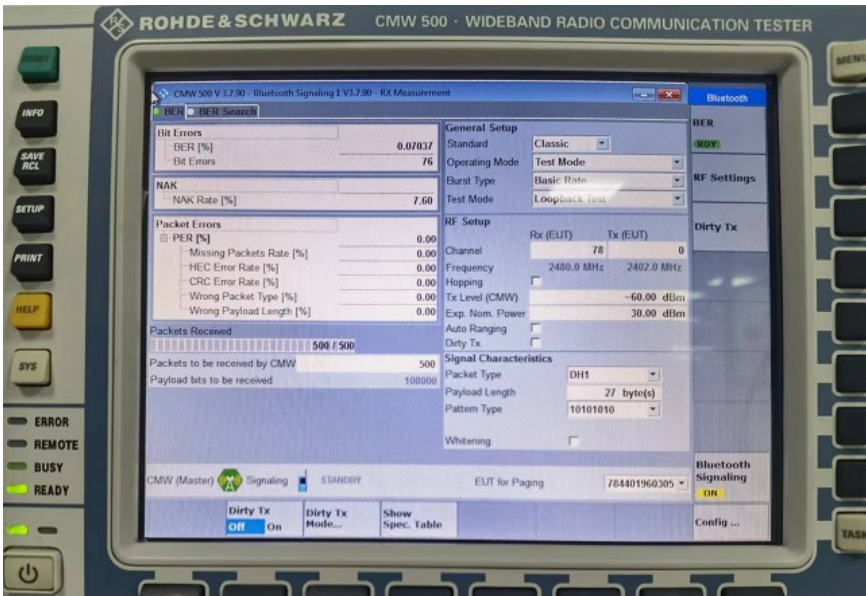
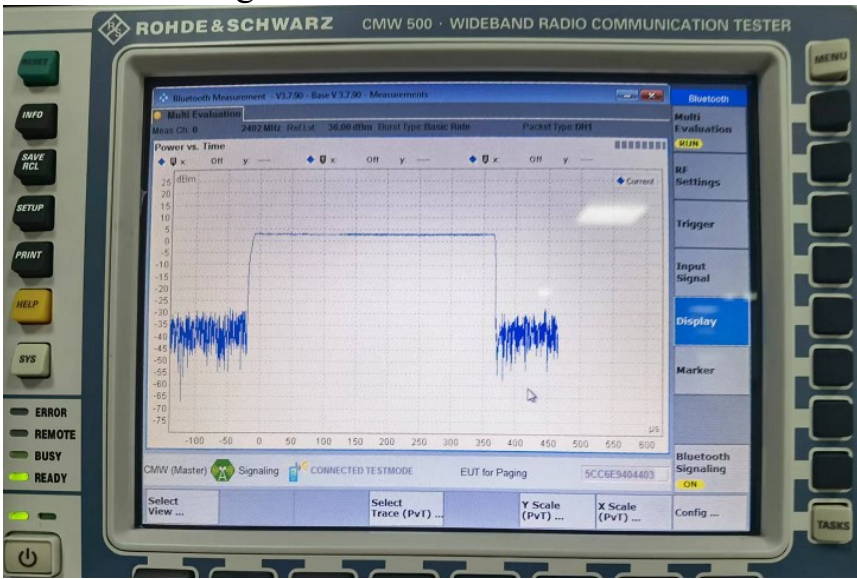
Element	Value
E1(0201)	2.0pF
E2(0201)	0Ω
E3(0201)	N/A





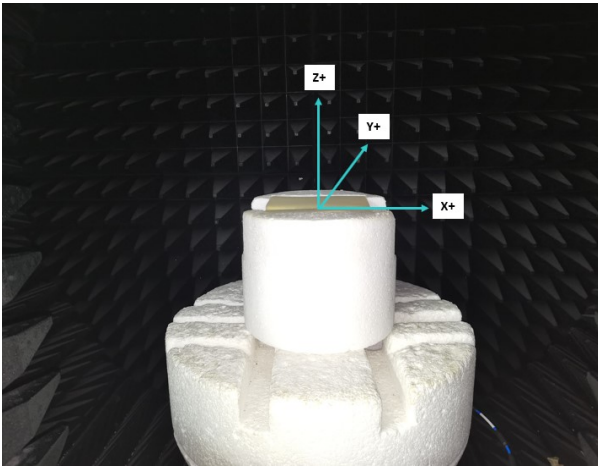
IV: Program settings

① Device settings:

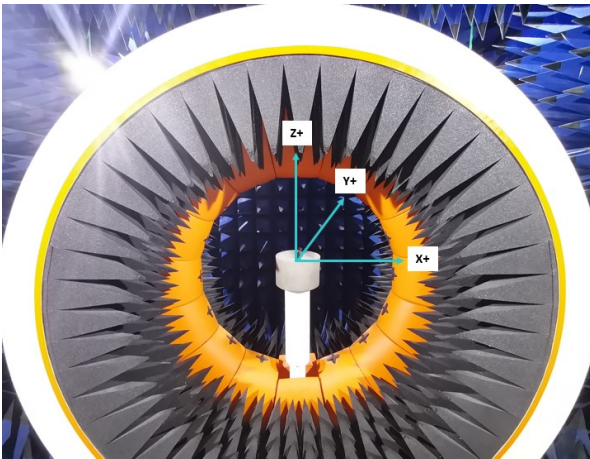




② Test placement position:



Placement position of passive test in darkroom (free)

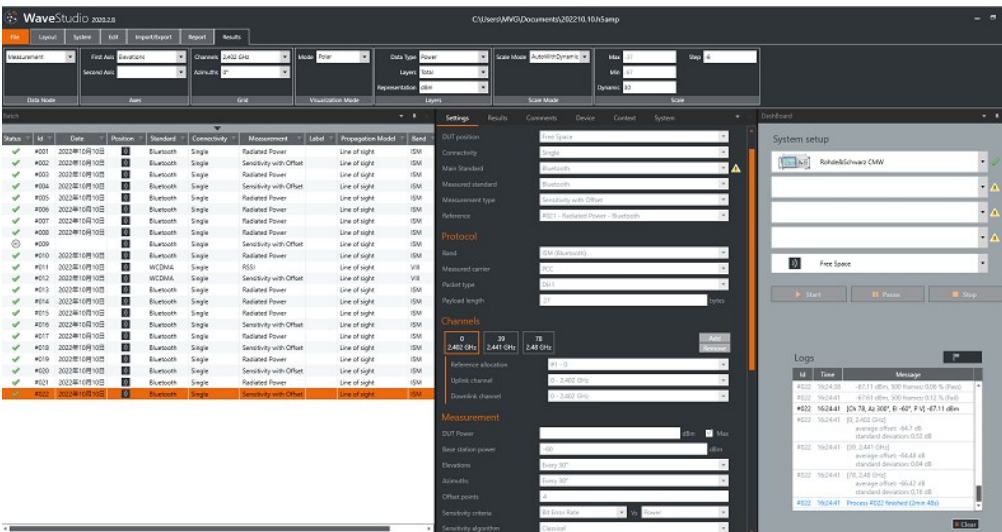


Placement position of darkroom active test (free)

③ Test location:

The test site is the satimo darkroom

④ test method:



After the machine enters the DUT, put it into the satimo darkroom, connect the CMW500 to the address code of the machine, and then start the test



V: Structure file

