

PART SHEET FOR APPROVAL

Manufacturer:	All things connected Communications Xiangyang Limited
Supplier::	All things connected Communications Xiangyang Limited
Part Description:	Patch ceramic antenna
Model No:	WWXL-U 2400/2500-660
Cust P/N:	360100239
Issued Date:	2021. 04. 24

Supplier confirmation

Made By	Engineer	Approver
DAIHONGBO		TONGXIAOYAN

SDMC confirmation

Approval Reason:	<input type="checkbox"/> New Part <input type="checkbox"/> Substitute Part			
Made By	Engineer			Approver
	Quality	R&D	Sales	

Note: Signature indicates that the submitted sample is approved and the drawing/specification is now the controlling document.

Address: 19/F, Changhong Science & Technology Mansion, No.18, Keji South 12th Road, High-tech Industrial Park, Nanshan District, Shenzhen, China



DV6106 BT Antenna information

Record for version modification

Date	Revision	Modify Content	Author
2023-01-07	V1.0	1 st Version	Kerwin Xiong

Shenzhen SDMC Technology Co.,LTD

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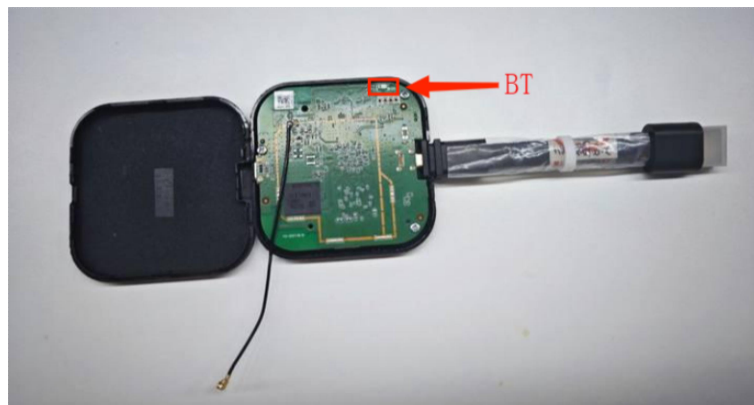
Mobile: 0755-86018266

Website: www.sdmctech.com

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2. Appearance



3. Performance parameter

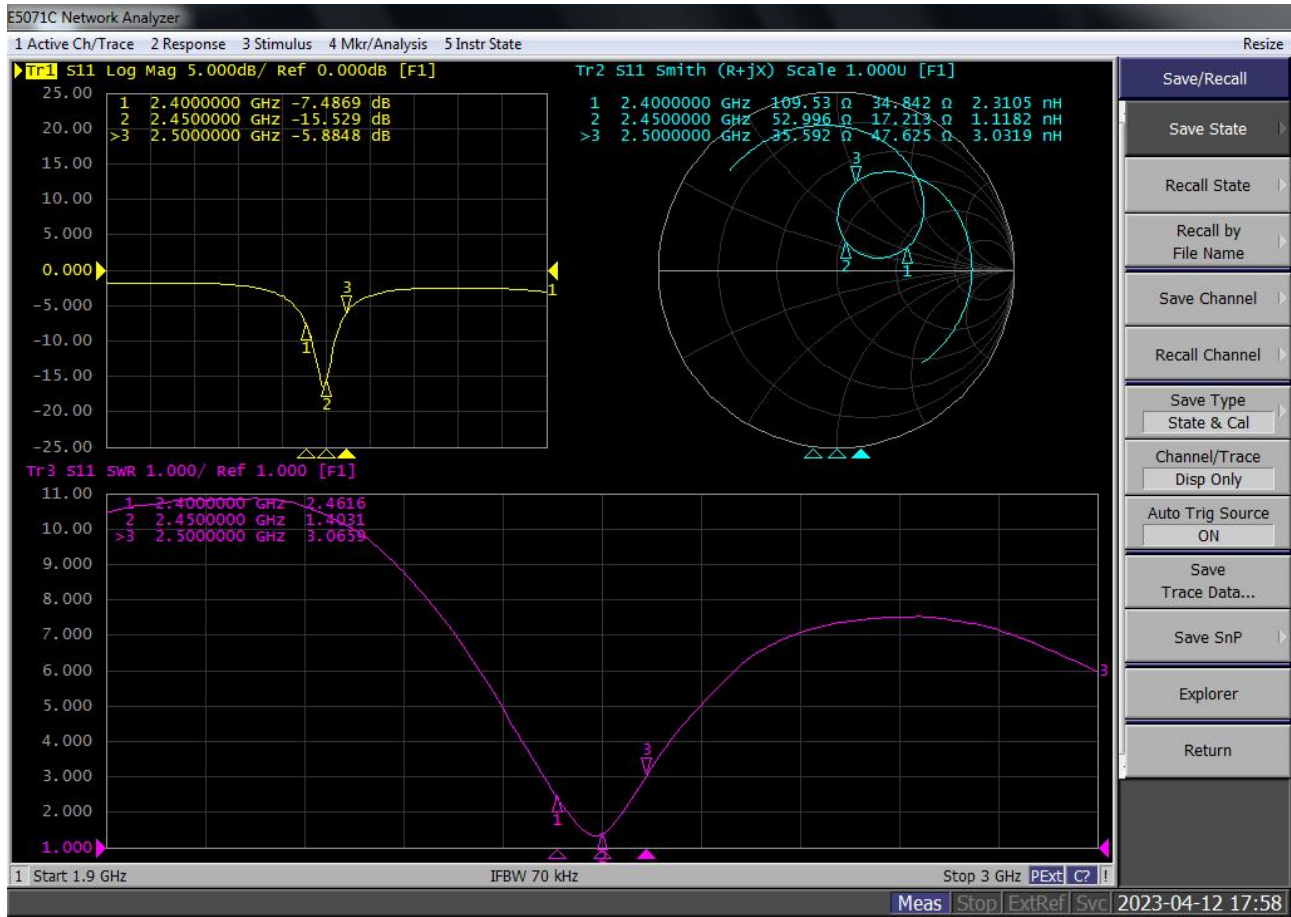
3.1 Antenna passive test

Frequency	2400Mhz~2480Mhz
Impedance	50Ω
Antenna Gain	2dBi
Power capacity	<12w
Radiation	Omni-directional

3.1.1 Reflection loss&V.S.W.R

Test tools: [network analyzer](#)

Antenna-BT



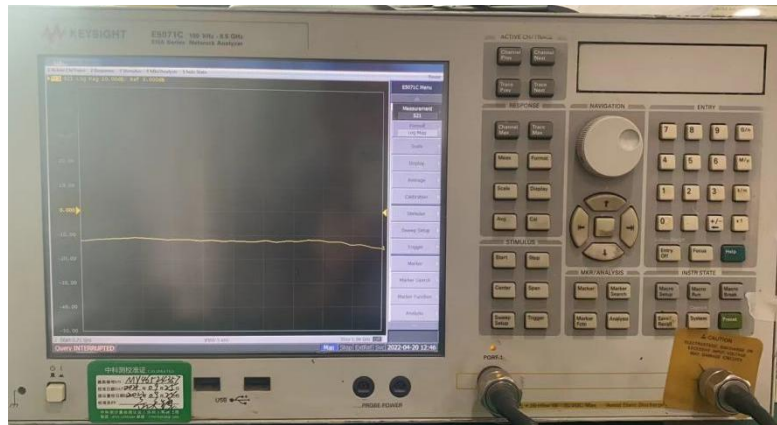
V.S.W.R

Freq (GHz)	2.4	2.45	2.5
VSWR	2.4	1.4	3.0

3.1.2 Gain & Efficiency

Test tools: Microwave Anechoic Chamber+Agiilent Technologies E5071C

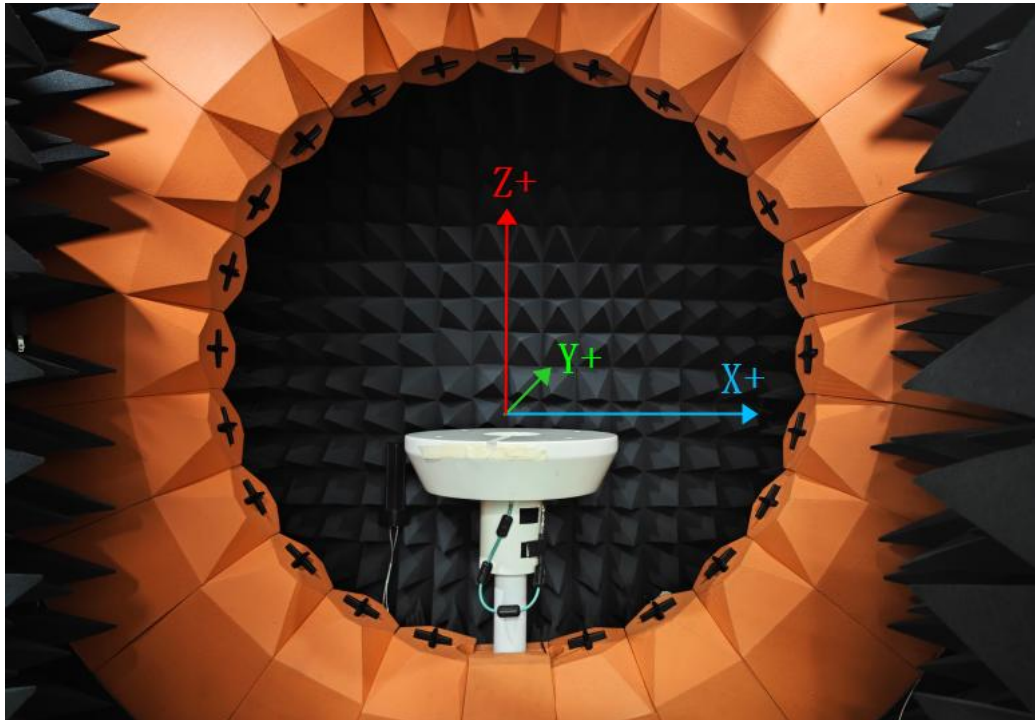
Testing Environment: As shown in the figure



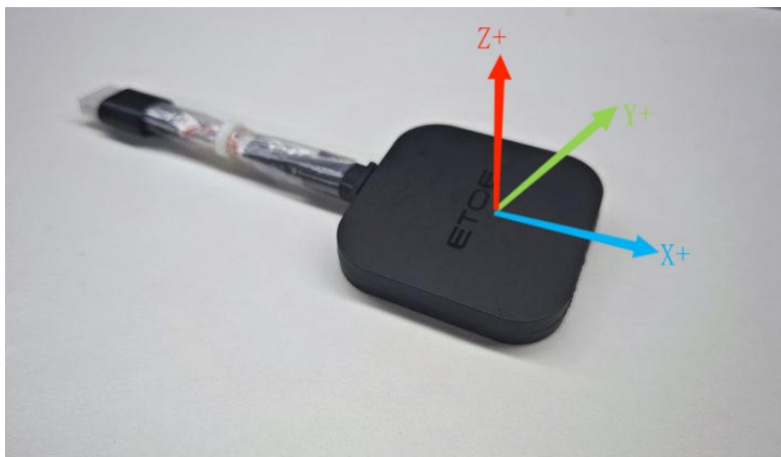
Agiilent Technologies E5071C



ROHDE&SCHWARZ CMW500

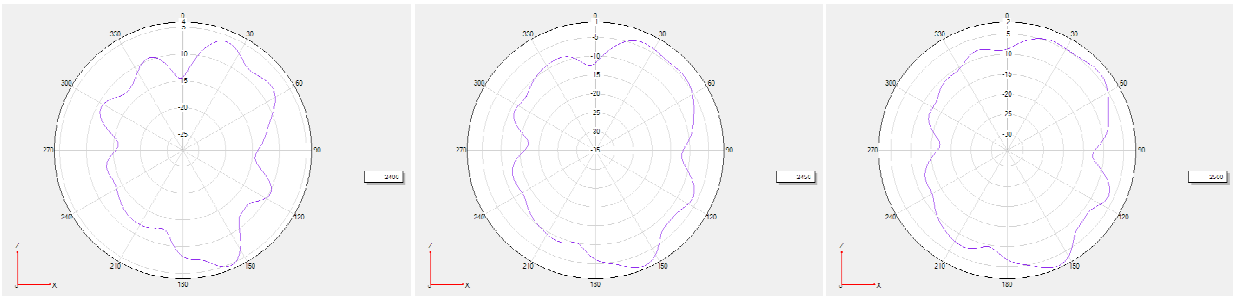


Microwave Anechoic Chamber

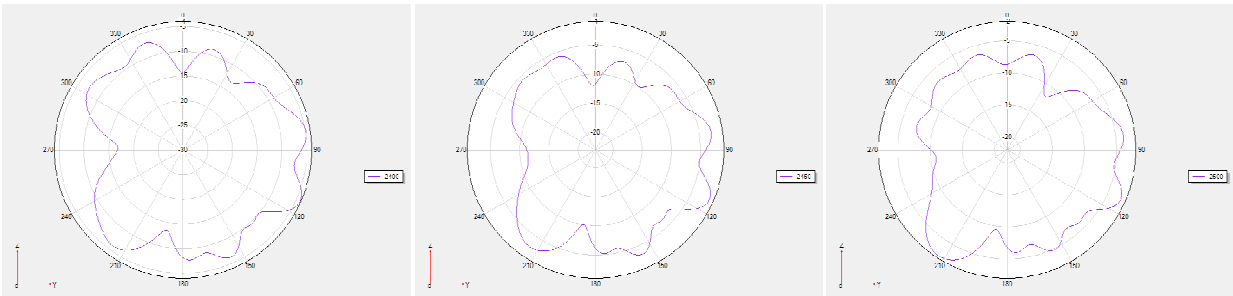


XYZ direction definition

Phi 0:



Phi 90:



Theta 90:

