VLG TECHNOLOGY

ShenZhen VLG Wireless TECHNOLOGY CO,.LTD

Approval Sheet of
MeiG 4G Main Antenna

Customer/Project	MeiG 4G	spectrum	698-960MHz/1710-2700MHz		
VLG issue		version	R:A		
RF		QE		Confirm	
ME		PM			
Date	2020-12-15				
Customer's project name	The customer project name:				
	Customer project materials issue:				
Our client's confirmation					

VLG Communication Technology

R&d project customer satisfaction survey (the customer please according to our research and development, a comment or PM management staff, supervise and urge our better service to you)

RF	☐Satisfied	☐Basic satisfaction	☐Not satisfied
ME	☐Satisfied	☐Basic satisfaction	☐Not satisfied
PM	☐Satisfied	☐Basic satisfaction	☐Not satisfied

Another suggestion:

Antenna Pic:

content

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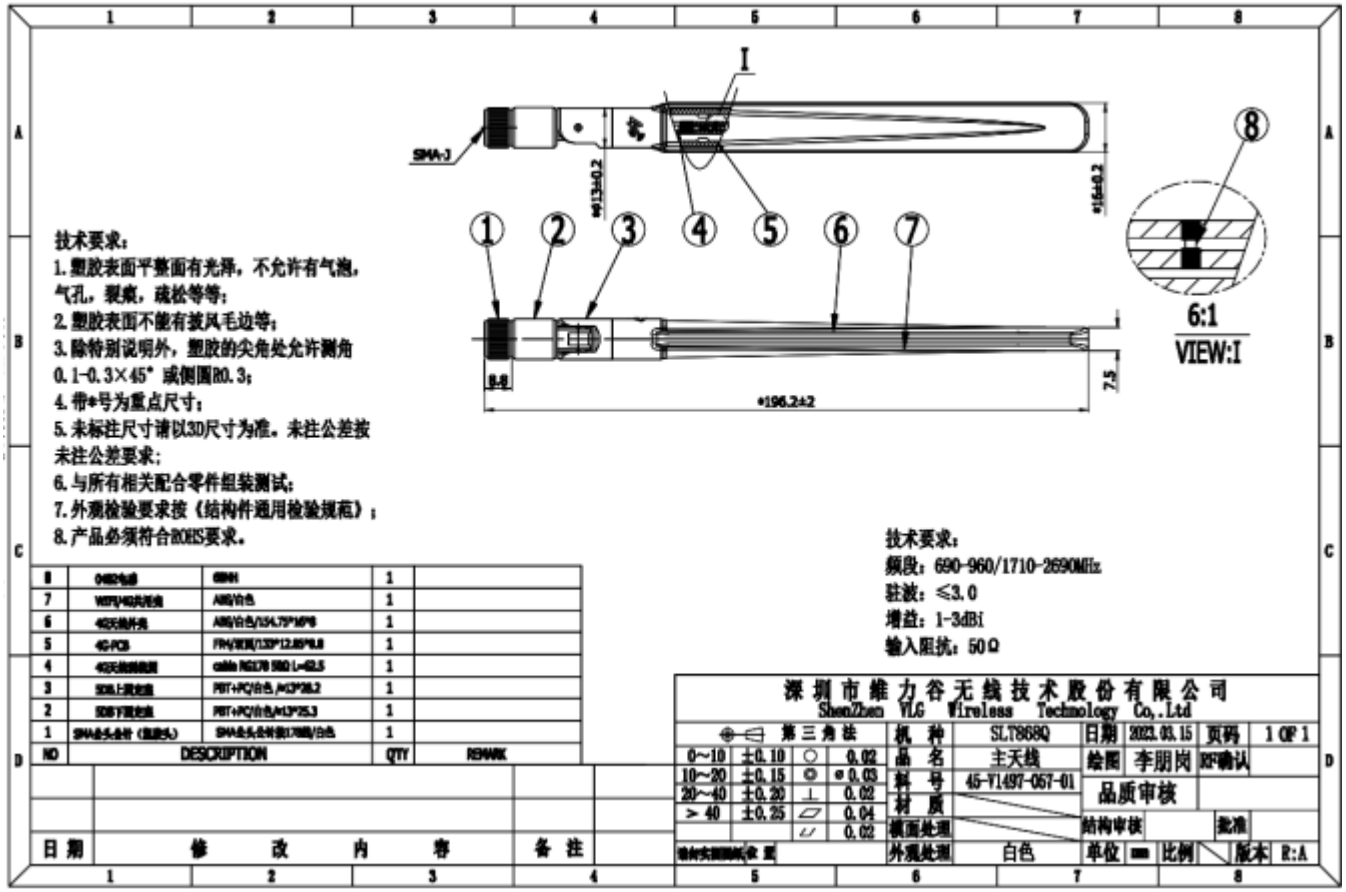
1、Product Picture



2、Product specification describes

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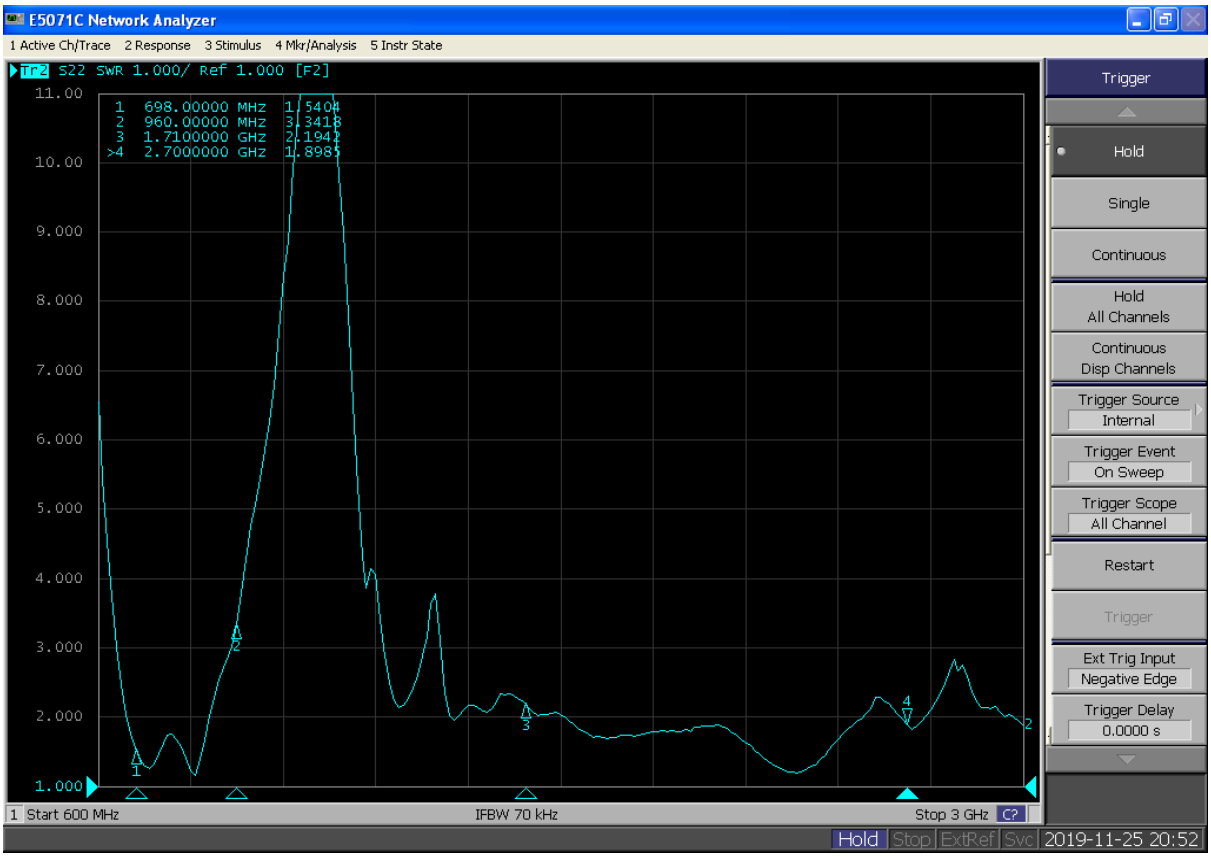
Parameter	
Frequency	698-960MHz/1710-2700MHz
Bandwidth	/
Impedance	50Ω
VSWR	≤4.0
Gain	≤ 3.0dBi
Max. Efficiency	≥25%
Polarization	Linear polarization/Vertical
Radiation pattern	Omni-directional
Connector	SMA
Mechanical Parameter	
Length	
Salt Spray Test	48H
Environment Parameter	
Operation Temperature	-30℃~65℃
Storage Temperature	-30℃~75℃

3、VSWR



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4、Efficiency & Gain

MeiG 4G		
Frequency	Efficiency	Gain
690	48%	1.1
700	51%	1.3
710	50%	1.3
720	45%	0.8
730	43%	0.7
740	44%	0.9
750	42%	0.8
760	39%	0.7
770	41%	1.3
780	44%	1.7
790	44%	1.6
800	34%	0.2
810	33%	-0.3
820	32%	-0.8
830	32%	-1.1
840	32%	-1.2
850	32%	-1.3
860	31%	-1.3
870	31%	-1.1
880	31%	-0.6
890	30%	-0.3
900	29%	-0.1
910	28%	-0.1
920	28%	-0.2
930	28%	-0.5
940	28%	-0.8
950	28%	-1.2
960	27%	-1.6

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MeiG 4G		
Frequency	Efficiency	Gain
1710	39%	-1.6
1740	39%	-1.5
1770	39%	-1.4
1800	40%	-1.4
1830	41%	-1.5
1860	42%	-1.4
1890	44%	-1.1
1920	46%	-0.8
1950	50%	-0.3
1980	53%	0.1
2010	57%	0.5
2040	59%	0.6
2070	62%	0.8
2100	64%	0.9
2130	64%	0.8
2160	66%	1.2
2190	60%	1.7
2220	63%	2.3
2250	65%	2.4
2280	65%	2.4
2310	68%	0.2
2340	60%	0.4
2370	60%	0.5
2400	60%	0.4
2430	61%	2.7
2460	61%	2.5
2490	67%	2.4
2520	63%	1.9
2550	59%	1.6
2580	58%	1.7
2610	57%	1.8
2640	55%	1.9
2670	51%	1.7
2700	47%	1.3

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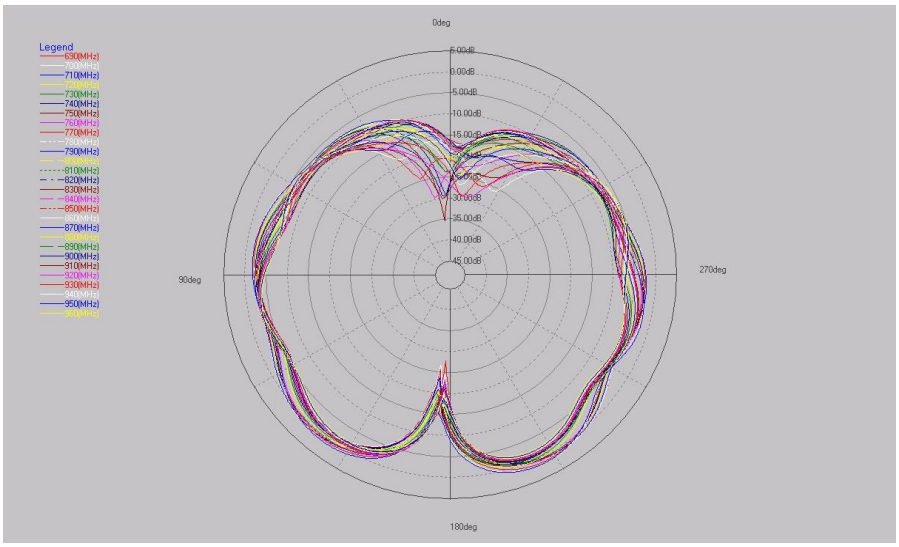
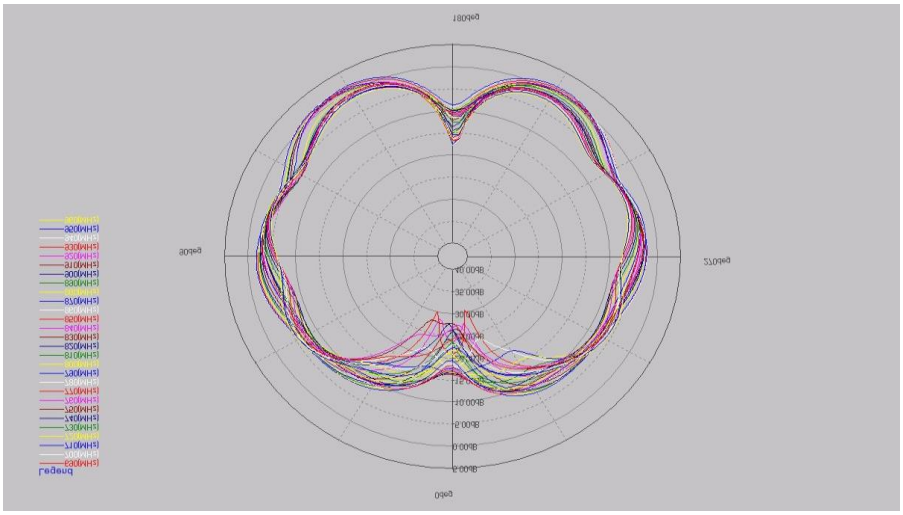
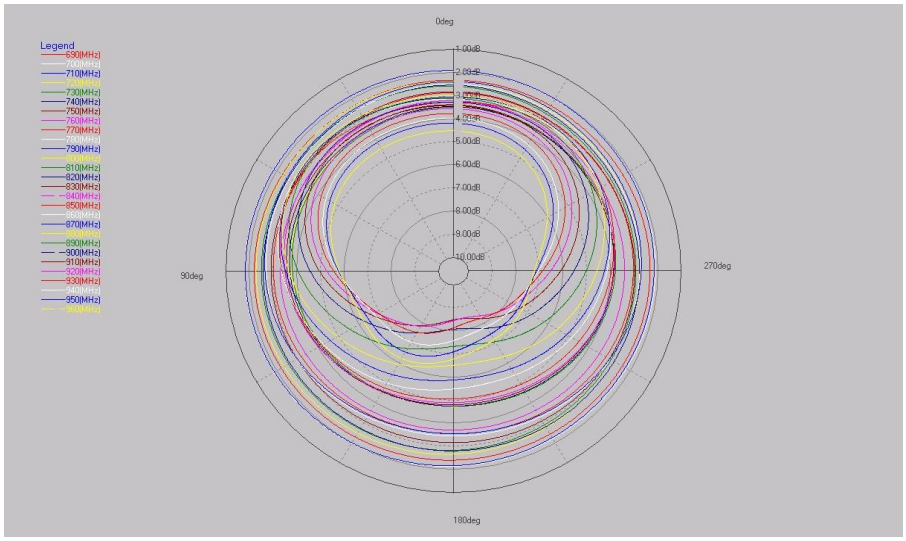
5、Radiation Pattern

698-960MHz







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1710-2690MHz