



Product specifications acknowledgment

Recognized manufacturers: _____

Manufacturer: Shenzhen Shengda Communication Equipment Co.,Ltd

Description: 4G Big Sucker Antenna

Product Type: SD-XP-4G-AJ

Supplier Admit signature		
Lister	Auditor	Verifier

Customer Admit signature	
Auditor	Verifier



	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2020/3/20	

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Item

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1、 Specification Table:

Product specification

Main technical specifications			
Antenna Type		monopole	
Frequency Range(MHZ)		700-2700	
Impedance(Ω)		50	
VSWR		≤2.0	
Admitted Power		100W	
Polarization		Linear,Vertical	
Connector Type		TNC	
Physical Properties			
Antenna size	Φ370*82mm（±5）		
Cable	RG58	Black	4.5m
Operating Temp			-20℃~+65℃

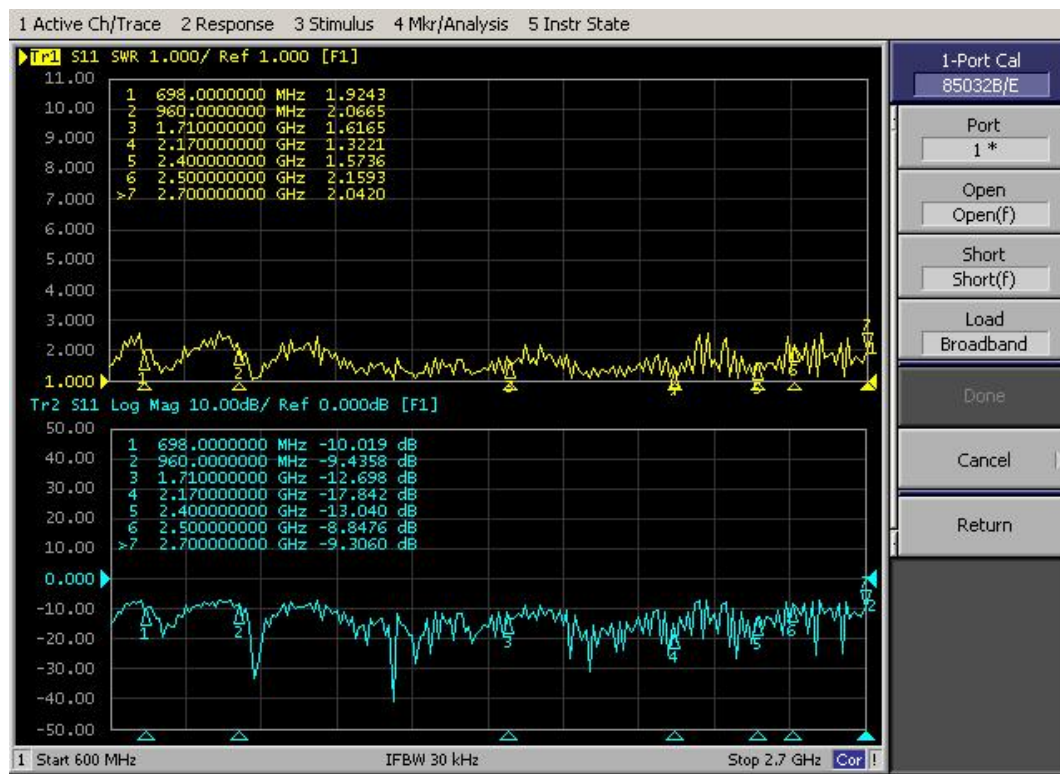


2、Finished product picture:



3、Testing report

VSWR report





Passive Test For FJ(700-960)MHz			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
700	74.84	-1.26	2.76
710	80.45	-0.94	3.28
720	82.33	-0.84	3.51
730	78.86	-1.03	3.33
740	75.83	-1.2	3.1
750	68.19	-1.66	2.68
760	63.67	-1.96	2.57
770	61.65	-2.1	2.6
780	61.37	-2.12	2.66
790	57.66	-2.39	2.39
800	55.26	-2.58	2.1
810	56.5	-2.48	1.92
820	55.65	-2.55	1.52
830	57.37	-2.41	1.46
840	57.91	-2.37	1.71
850	54.49	-2.64	1.59
860	51.29	-2.9	1.37
870	47.14	-3.27	1.08
880	42.79	-3.69	0.68
890	39.4	-4.05	0.56
900	39.08	-4.08	0.8
910	39.65	-4.02	1.03
920	42.44	-3.72	1.45
930	43.6	-3.61	1.82
940	46.46	-3.33	2.08
950	47.14	-3.27	1.75
960	46.39	-3.34	1.13

Passive Test For FJ(2300-2700)MHz			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2300	55.52	-2.56	4.52
2310	52.23	-2.82	4.64
2320	49.74	-3.03	4.67
2330	47.52	-3.23	4.48
2340	46.65	-3.31	4.08
2350	46.22	-3.35	3.4
2360	48.67	-3.13	2.8
2370	49.36	-3.07	2.05
2380	58.36	-2.34	2.12
2390	58.52	-2.33	1.68
2400	63.1	-2	1.82
2410	60.85	-2.16	1.68
2420	60.75	-2.16	1.89
2430	63.14	-2	2.24
2440	58.21	-2.35	1.99
2450	60.22	-2.2	2.16
2460	57.62	-2.39	1.97
2470	57.18	-2.43	1.93
2480	62.8	-2.02	2.38
2490	61.18	-2.13	2.33
2500	61.47	-2.11	2.42
2510	51.19	-2.91	1.71
2520	47.29	-3.25	1.48
2530	42.89	-3.68	1.25
2540	38.21	-4.18	0.99
2550	38.64	-4.13	1.29
2560	37.68	-4.24	1.4
2570	38.23	-4.18	1.66
2580	40.48	-3.93	2.06
2590	44.33	-3.53	2.58
2600	47.56	-3.23	3.05
2610	49.22	-3.08	3.42
2620	49.92	-3.02	3.71
2630	49.44	-3.06	3.84
2640	46.56	-3.32	3.67
2650	45.1	-3.46	3.62
2660	44.35	-3.53	3.66
2670	43.04	-3.66	3.62
2680	45.82	-3.39	3.96
2690	44.78	-3.49	3.89
2700	45.97	-3.38	3.99

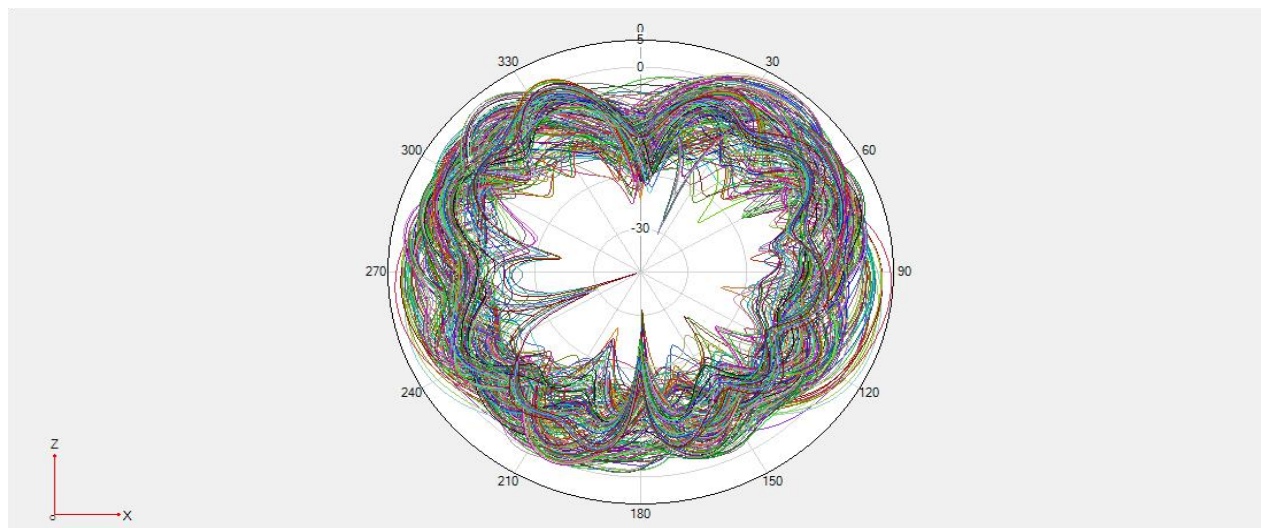


Passive Test For FJ(1710-2170)MHz			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1710	51.29	-2.9	1.67
1720	49.6	-3.05	1.47
1730	46.82	-3.3	1.2
1740	47.18	-3.26	1.28
1750	49.02	-3.1	1.51
1760	46.09	-3.36	1.3
1770	52.31	-2.81	1.96
1780	54.8	-2.61	2.29
1790	52.37	-2.81	2.16
1800	53.05	-2.75	2.24
1810	51.39	-2.89	2.16
1820	53.83	-2.69	2.49
1830	51.41	-2.89	2.43
1840	50.84	-2.94	2.52
1850	55.32	-2.57	2.99
1860	56.31	-2.49	3.15
1870	54.71	-2.62	3.24
1880	55.03	-2.59	3.29
1890	50.3	-2.98	3.31
1900	50.55	-2.96	3.18
1910	54.08	-2.67	3.31
1920	50.98	-2.93	2.91
1930	52.41	-2.81	2.92
1940	55.72	-2.54	3.09
1950	54.71	-2.62	2.92
1960	55.27	-2.58	2.83
1970	54.77	-2.61	2.73
1980	54.3	-2.65	2.67
1990	56.19	-2.5	2.85
2000	57.37	-2.41	2.95
2010	54.28	-2.65	2.67
2020	52.69	-2.78	2.45

Passive Test For FJ(1710-2170)MHz			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2030	56.78	-2.46	2.62
2040	55.69	-2.54	2.34
2050	53.37	-2.73	2.2
2060	58.77	-2.31	2.52
2070	57.01	-2.44	2.26
2080	56.08	-2.51	2.11
2090	54.14	-2.66	1.99
2100	56.3	-2.49	2.19
2110	55.85	-2.53	2.07
2120	59.14	-2.28	2.16
2130	57.53	-2.4	1.84
2140	59.89	-2.23	1.86
2150	61.99	-2.08	1.91
2160	63.91	-1.94	2.06
2170	67.68	-1.7	2.43



Directional diagram



4、Product drawing

