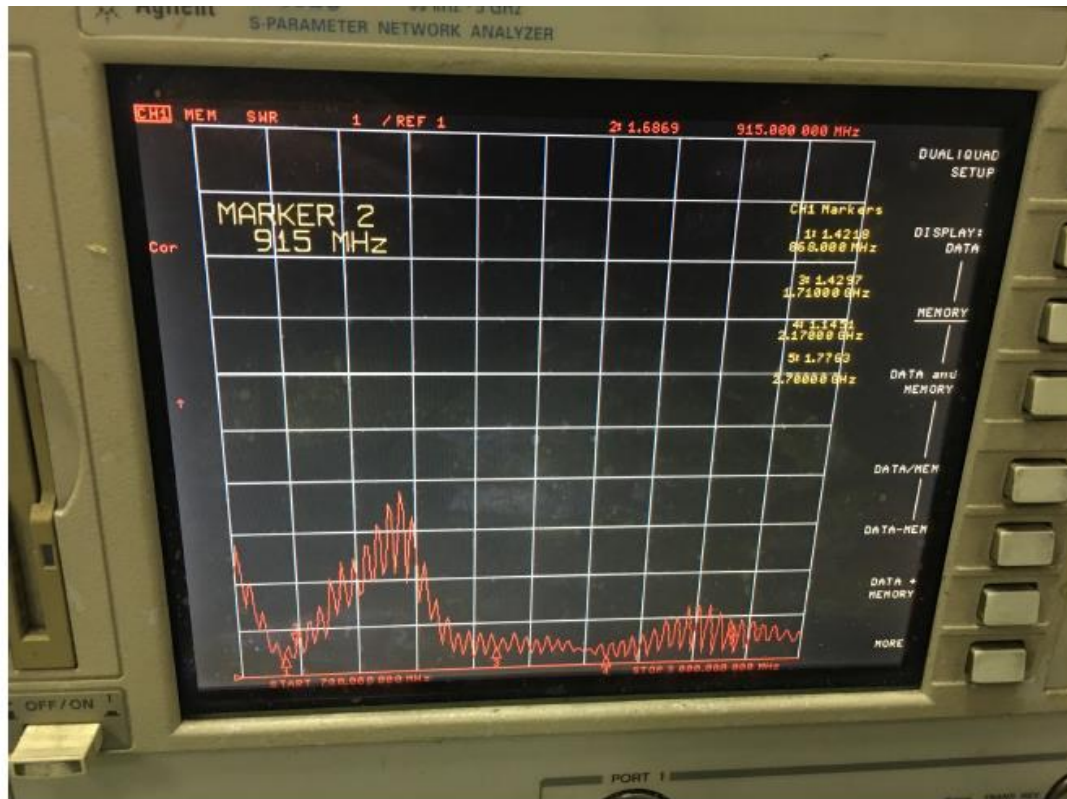


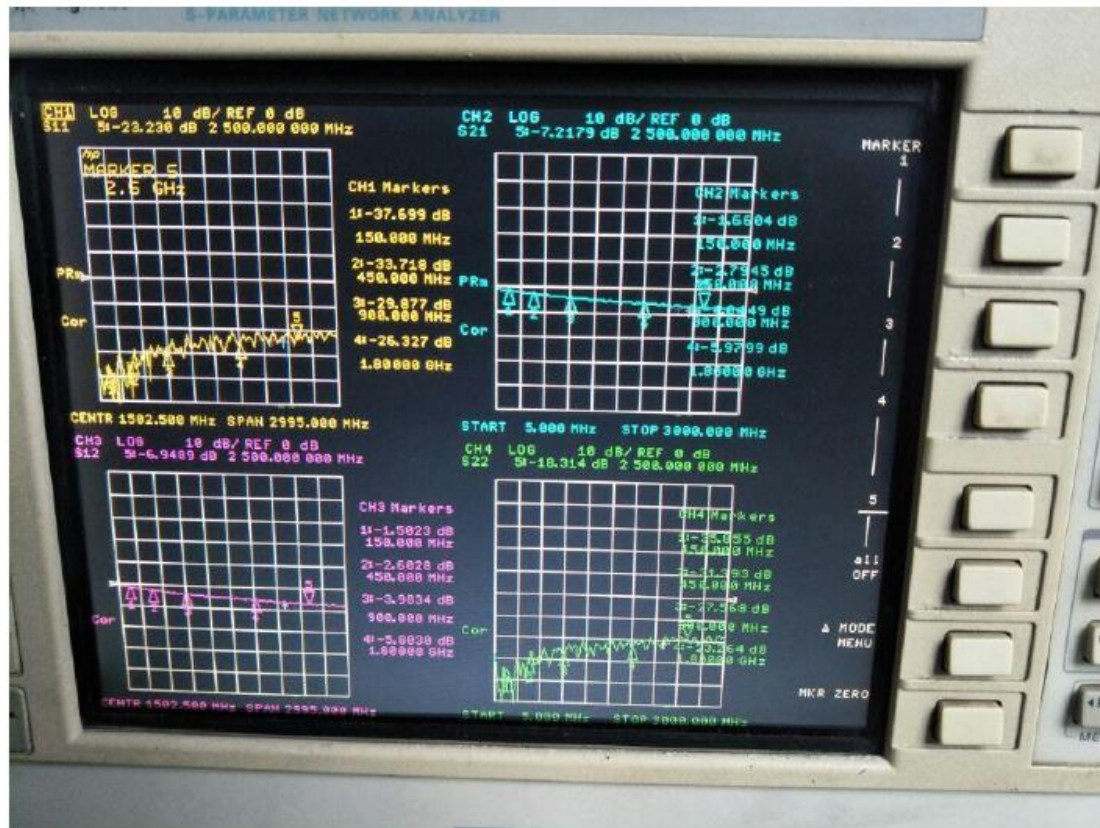
ADD: No.358 Liuyuan RD., Baoshan Urban Industrial District.,Shanghai,PR.China.
TEL: +86-21-66276925(26/29/35) – 615

Factory internal model	Ex: 2H047D
Category	EX: 4G
Antenna type	linear antenna
Frequency band	EX: 700-2700M
Morphology	Ex: External antenna
Polarization	EX: Line polarization
Standing wave	EX: Less than 1.8 @824-2700M
Efficiency	EX: Greater than 48%@824-2700M
Gain	EX: Greater than 0dbi @824-2700M
Direction diagram	See attached picture
Connector type	Ex: SMA
Connector property	Ex: SMA Male needle
Active / Passive	Ex: /
Color and material	Ex: Black /ABS
Antenna size	Ex: Diameter 30*88 (mm)
Feeder type and size	Ex: LMR100/ 1.5m
Feeder loss	Ex: 1500Mhz 98.7DB/100M(See attached picture)

Test S11 Screenshot

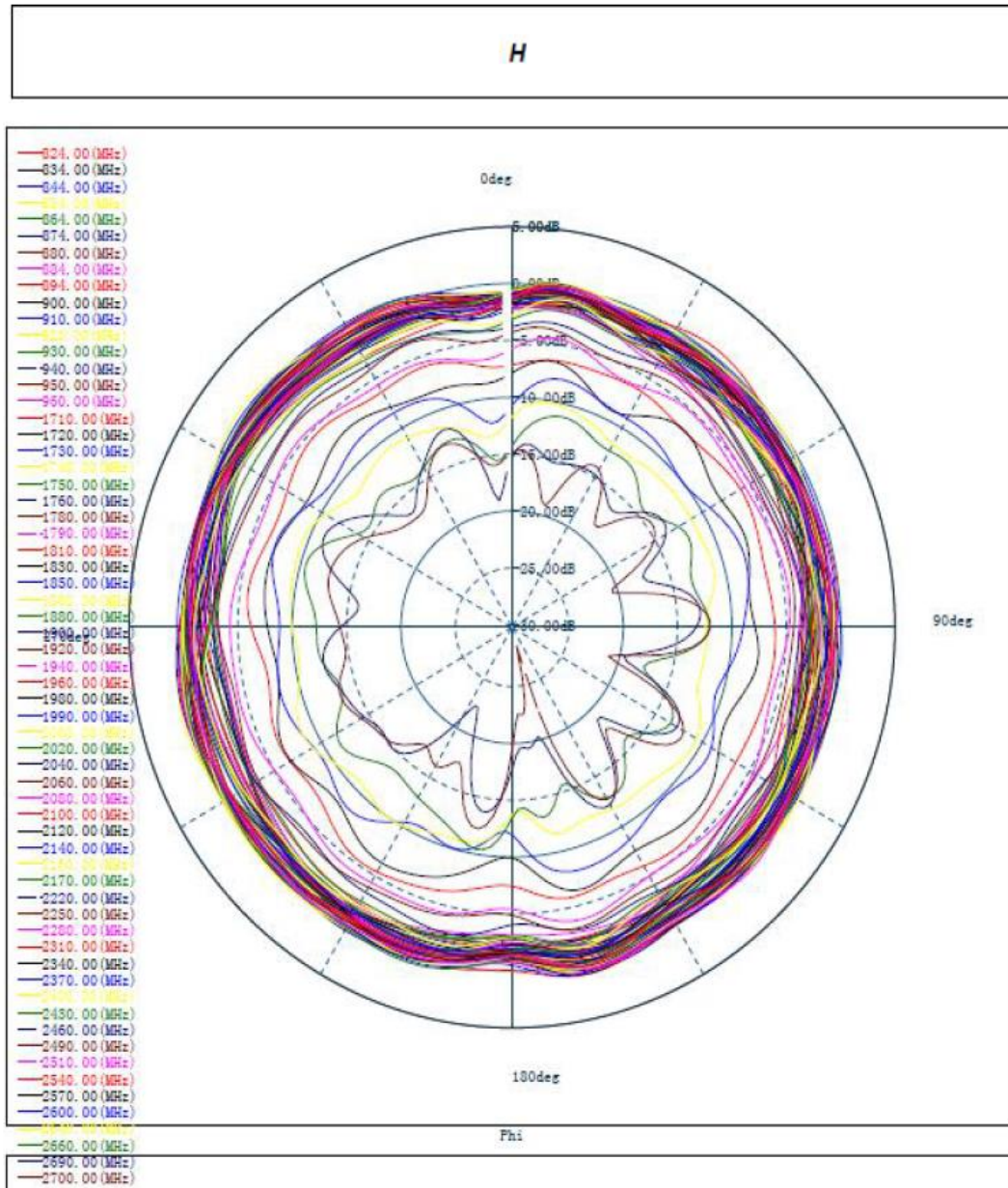


Test line loss S11 S21 diagram:

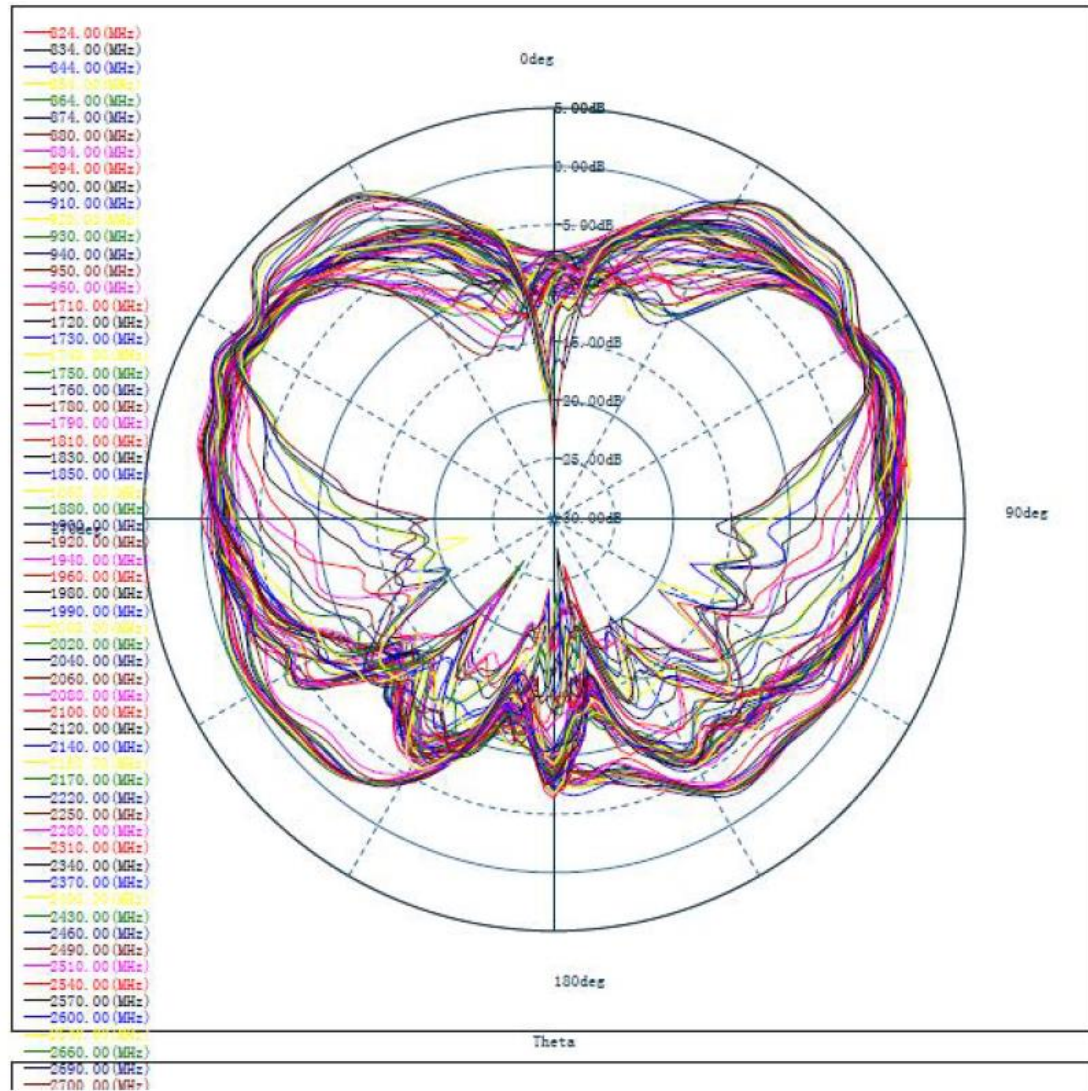


Test direction diagram screenshot

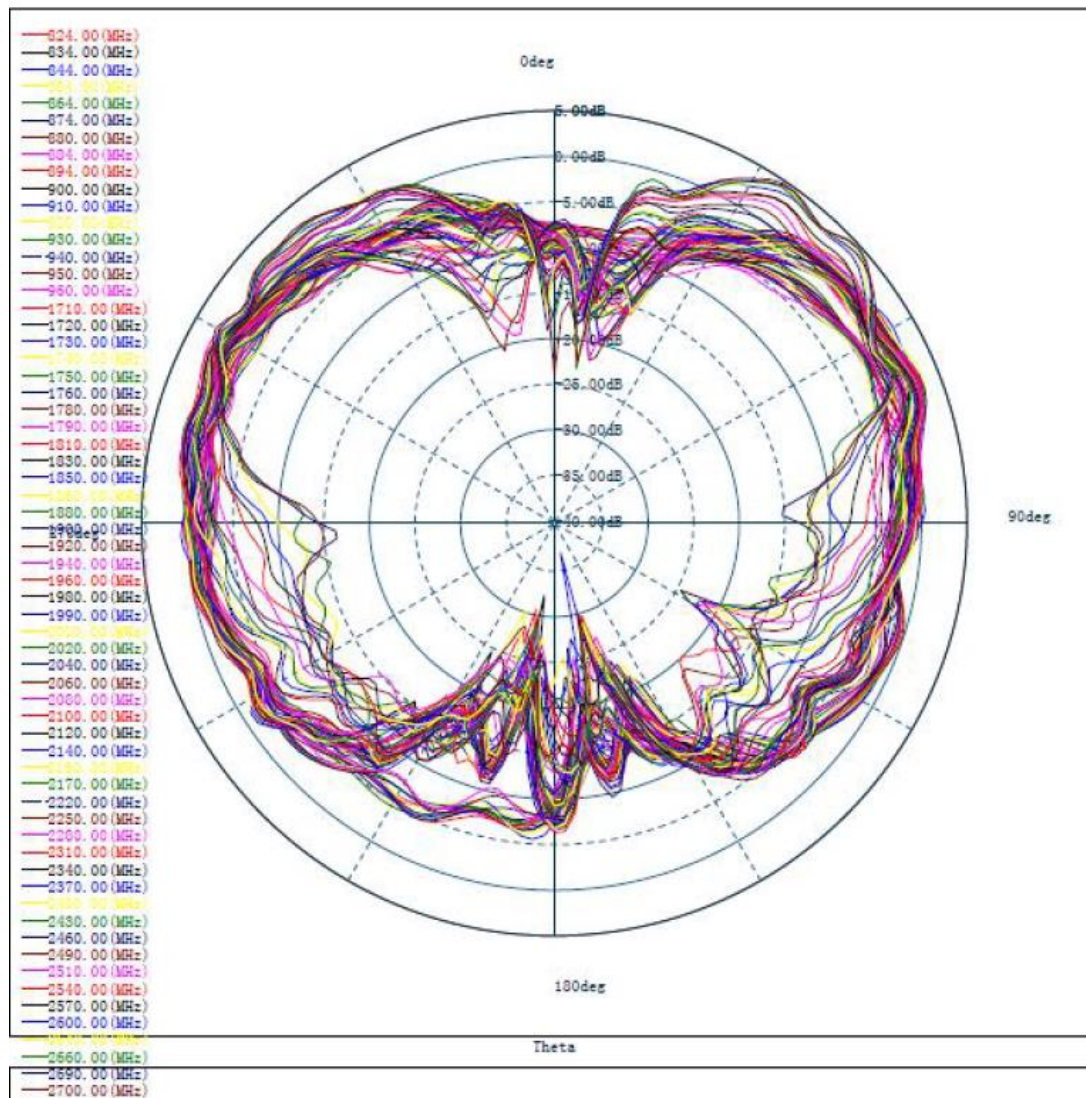
E&H Surface pattern



E1



E2



Passive Efficiency Test Data Screenshot

Frequency [Hz]	Efficiency	Max Gain [dBi]
700	65.16%	0.290
710	59.20%	0.185
720	50.04%	0.366
730	49.20%	1.094
740	56.55%	1.739
750	64.44%	2.136
760	68.16%	1.839
770	66.67%	1.654
780	59.03%	1.656
790	63.48%	1.995
800	39.93%	1.708
810	51.42%	2.120
820	53.08%	2.151
830	52.58%	2.109
840	52.22%	2.109
850	51.08%	2.066
860	52.52%	2.166
870	52.51%	2.124
880	52.66%	2.170
890	52.13%	2.022
900	51.41%	2.082

910	55.49%	1.912
920	54.54%	1.817
930	56.36%	2.057
940	55.71%	2.170
950	47.56%	1.637
960	46.63%	1.264
1710	50.16%	1.189
1720	51.51%	1.655
1730	53.71%	1.963
1740	51.66%	1.738
1750	50.56%	1.395
1760	51.15%	1.229
1770	52.45%	1.340
1780	51.40%	1.410
1790	50.63%	1.097
1800	58.22%	1.202
1810	50.52%	1.042
1820	52.05%	1.274
1830	53.74%	1.304
1840	50.01%	1.187
1850	46.89%	0.907
1860	46.79%	0.891
1870	50.67%	1.441
1880	52.20%	1.475

1890	46.12%	1.496
1900	46.33%	1.484
1910	46.16%	1.491
1920	46.12%	1.423
1930	46.67%	1.409
1940	46.31%	1.453
1950	46.11%	1.418
1960	46.67%	1.495
1970	46.13%	1.432
1980	46.66%	1.321
1990	46.86%	1.413
2000	52.54%	1.564
2010	53.13%	1.327
2020	55.99%	1.497
2030	59.32%	1.998
2040	51.98%	1.226
2050	50.94%	1.059
2060	51.88%	1.306
2070	50.30%	1.175
2080	51.05%	1.256
2090	51.67%	1.320
2100	54.77%	1.605
2110	51.76%	1.367
2120	50.37%	1.235

2130	48.33%	1.019
2140	49.54%	1.138
2150	48.72%	1.090
2160	46.17%	0.847
2170	46.12%	0.835
2180	46.15%	0.881
2190	46.61%	0.942
2200	45.60%	0.864
2210	43.42%	0.608
2220	44.95%	0.727
2230	43.27%	0.516
2240	41.37%	0.314
2250	44.89%	0.674
2260	47.90%	0.956
2270	47.53%	0.918
2280	44.98%	0.641
2290	43.93%	0.537
2300	47.73%	0.853
2310	53.56%	1.310
2320	55.36%	1.484
2330	53.16%	1.366
2340	54.35%	1.519
2350	53.46%	1.489
2360	52.36%	1.506

2370	55.95%	1.826
2380	56.42%	1.761
2390	57.53%	1.913
2400	56.90%	2.114
2410	52.59%	1.954
2420	50.41%	2.045
2430	54.99%	2.554
2440	56.70%	2.772
2450	56.83%	2.901
2460	53.42%	2.953
2470	52.11%	2.962
2480	53.53%	3.163
2490	52.29%	3.164
2500	49.23%	2.834
2510	49.04%	2.895
2520	54.63%	2.957
2530	55.66%	2.994
2540	53.17%	2.934
2550	51.73%	2.982
2560	50.54%	2.948
2570	55.99%	2.993
2580	55.06%	3.005
2590	52.99%	3.003
2600	54.42%	2.997

2610	53.72%	2.972
2620	53.58%	2.984
2630	54.42%	2.991
2640	51.04%	2.929
2650	50.96%	2.904
2660	49.42%	2.824
2670	51.68%	2.983
2680	49.46%	2.954
2690	49.96%	2.873
2700	50.38%	2.977
2710	49.27%	2.861
2720	51.21%	3.143
2730	50.04%	3.053
2740	49.90%	3.044
2750	50.23%	3.106
2760	52.94%	3.308
2770	56.89%	3.249
2780	56.42%	3.146
2790	54.59%	3.191
2800	58.45%	3.174

Antenna photograph

