



客户名称	柚石物联	客户项目负责人	晏工
项目名称	HX-TH915-YS1605	调试频段	915M
天线类型	弹簧	测试日期	2024-04-10
射频工程师	庄工	结构工程师	黄工

Shenzhen HX Antenna Co., LTD

Tel: 0755-23205219

Web: <http://www.hxrf-antenna.com/>

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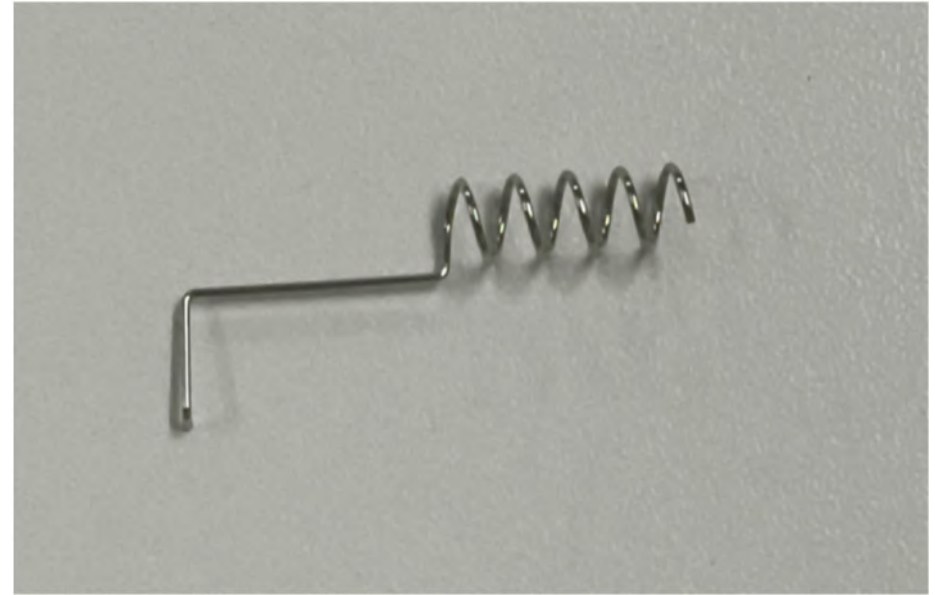
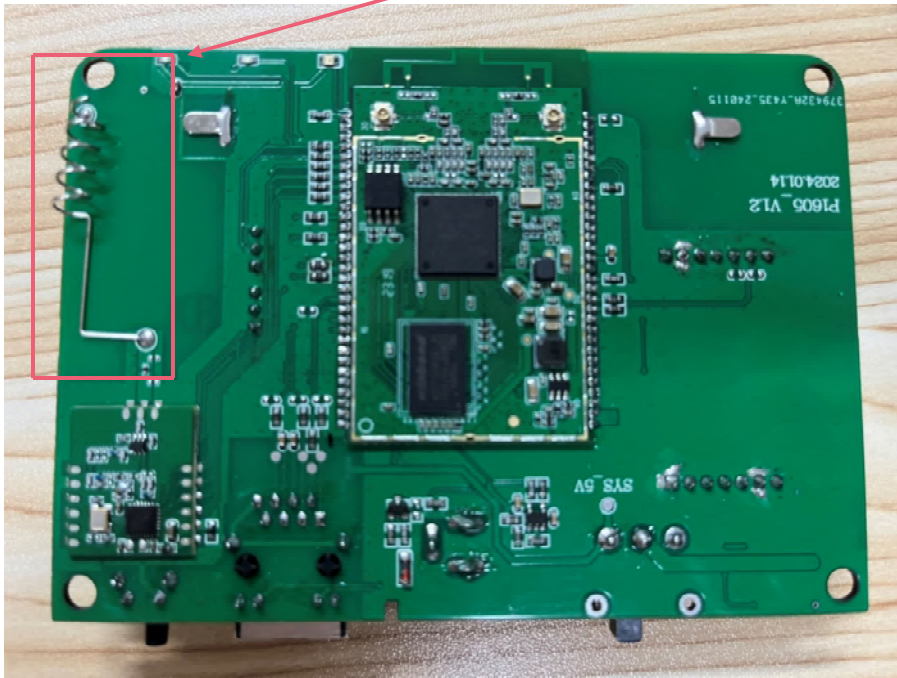
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915 Aatenna Gain&Efficiency

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	800.0	805.0	810.0	815.0	820.0	825.0	830.0	835.0	840.0	845.0	850.0	855.0	860.0	865.0	870.0
Efficiency (dBi)	-9.06	-8.88	-8.73	-8.49	-8.20	-7.91	-7.62	-7.28	-6.97	-6.71	-6.50	-6.32	-6.16	-6.03	-5.95
Gain (dBi)	-4.97	-4.74	-4.63	-4.58	-4.44	-4.34	-4.11	-3.88	-3.66	-3.60	-3.64	-3.43	-3.16	-2.88	-2.66
Efficiency (%)	12.41	12.93	13.41	14.16	15.12	16.17	17.30	18.69	20.07	21.32	22.39	23.32	24.20	24.95	25.40

Frequency ID	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Frequency (MHz)	875.0	880.0	885.0	890.0	895.0	900.0	905.0	910.0	915.0	920.0	925.0	930.0	935.0	940.0	945.0
Efficiency (dBi)	-5.87	-5.79	-5.74	-5.65	-5.48	-5.33	-5.20	-5.07	-4.93	-4.79	-4.67	-4.62	-4.54	-4.43	-4.37
Gain (dBi)	-2.48	-2.28	-2.20	-2.14	-1.95	-1.85	-1.80	-1.71	-1.63	-1.51	-1.43	-1.33	-1.22	-1.03	-0.89
Efficiency (%)	25.86	26.39	26.65	27.22	28.31	29.33	30.20	31.13	32.14	33.20	34.10	34.48	35.17	36.10	36.55

Frequency ID	31	32	33	34	35	36	37								
Frequency (MHz)	950.0	955.0	960.0	965.0	970.0	975.0	980.0								
Efficiency (dBi)	-4.40	-4.41	-4.39	-4.40	-4.45	-4.50	-4.50								
Gain (dBi)	-0.81	-0.72	-0.58	-0.52	-0.46	-0.48	-0.48								
Efficiency (%)	36.34	36.23	36.36	36.28	35.89	35.46	35.45								

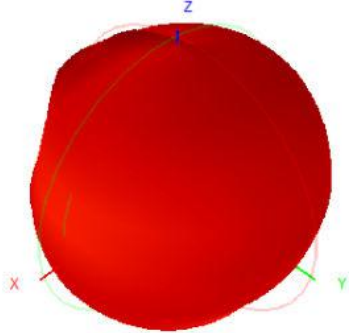
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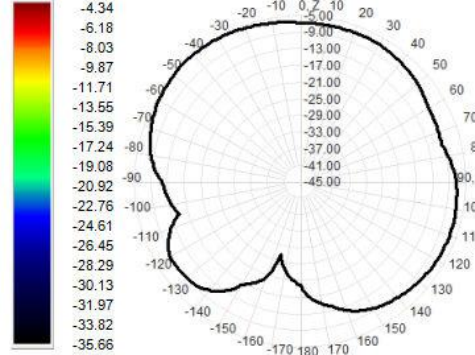
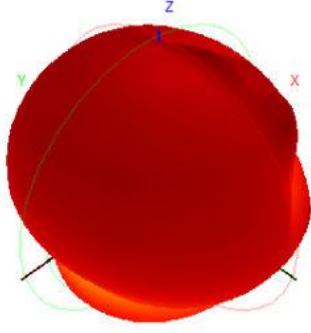
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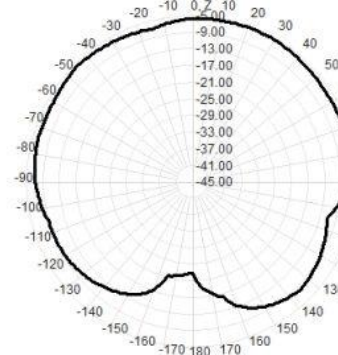
825.0MHz H+V, Eff: 16.2%



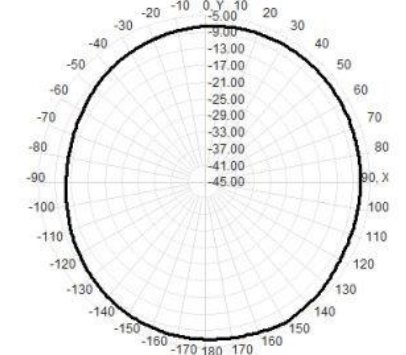
Back View



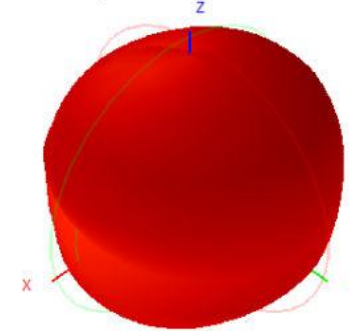
825.0MHz Total (E2-YZ), Max=-5.54dBi



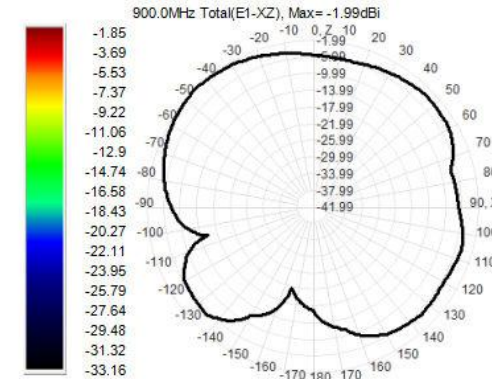
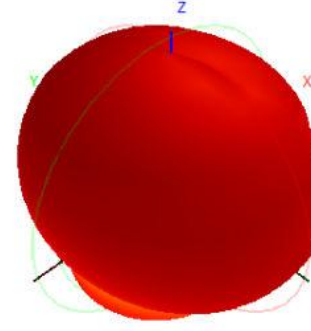
Total(H-XY), Max=-6.05dBi, CirD=5.72



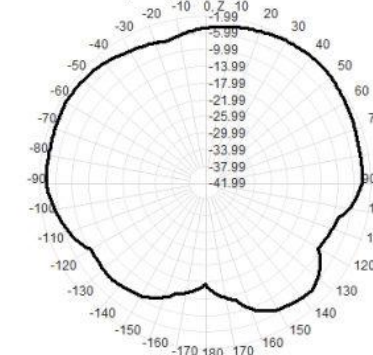
900.0MHz H+V, Eff: 29.3%



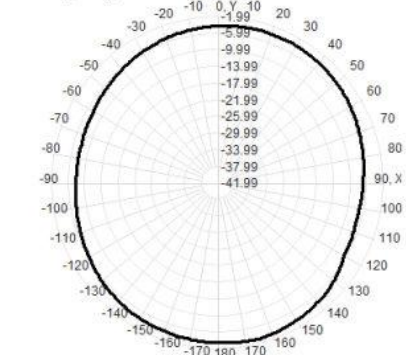
Back View



900.0MHz Total (E2-YZ), Max=-2.23dBi



Total(H-XY), Max=-3.36dBi, CirD=4.65



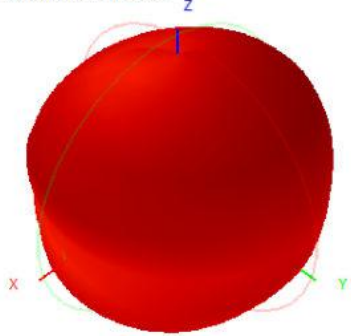
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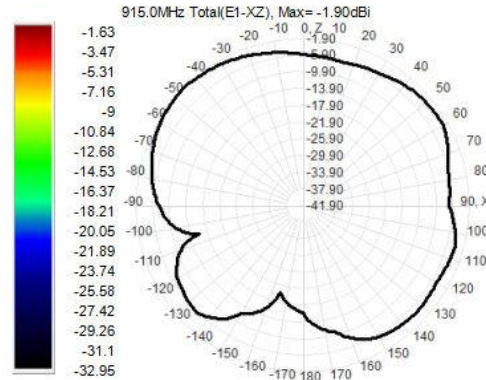
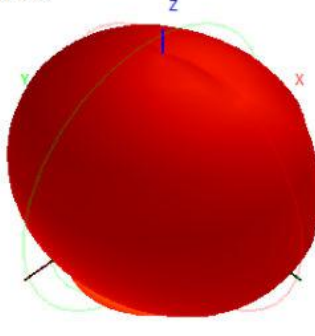
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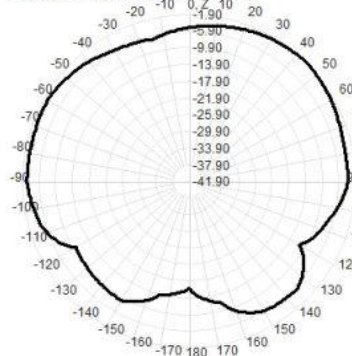
915.0MHz H+V, Eff: 32.1%



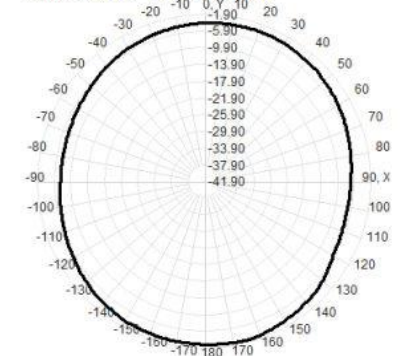
Back View



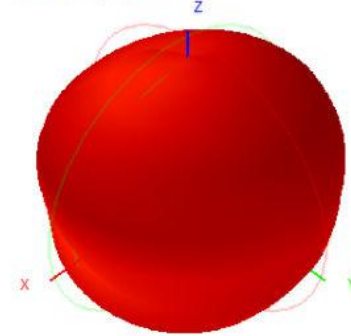
915.0MHz Total(E2-YZ), Max=-1.92dBi



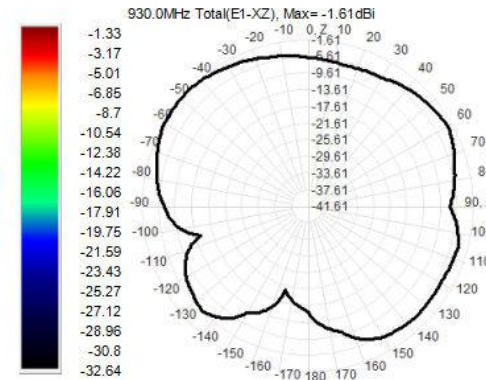
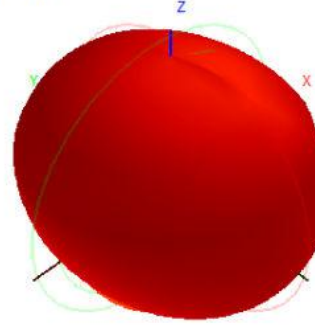
Total(H-XY), Max=-2.75dBi, CirD=4.74



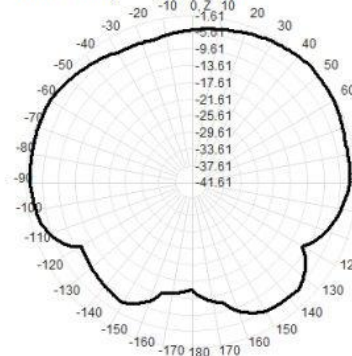
930.0MHz H+V, Eff: 34.5%



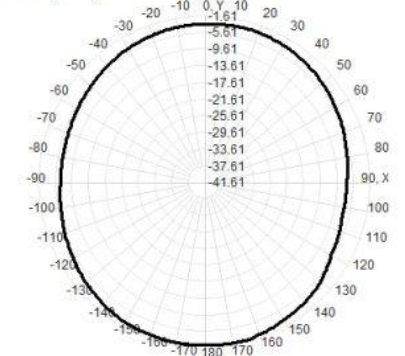
Back View



930.0MHz Total(E2-YZ), Max=-1.71dBi



Total(H-XY), Max=-2.46dBi, CirD=5.08



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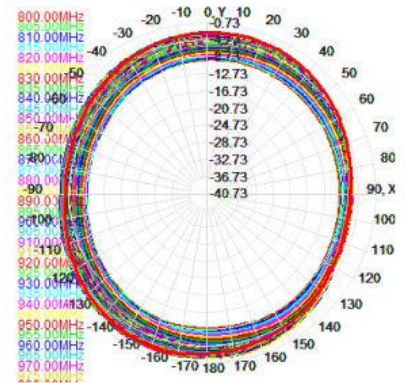
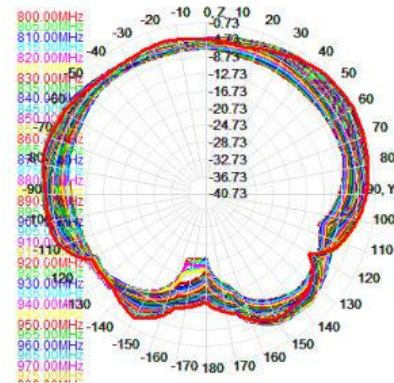
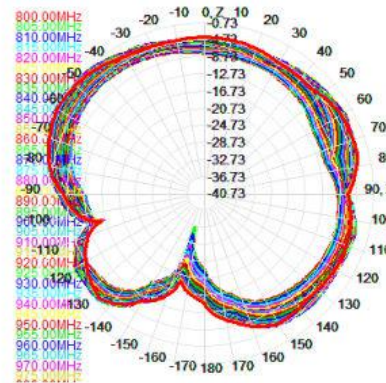
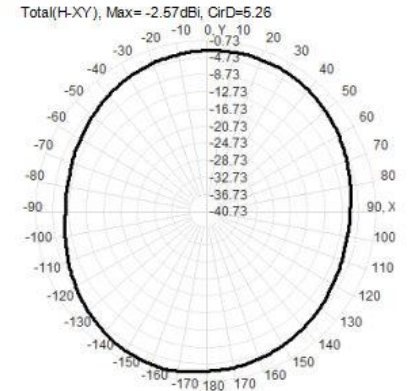
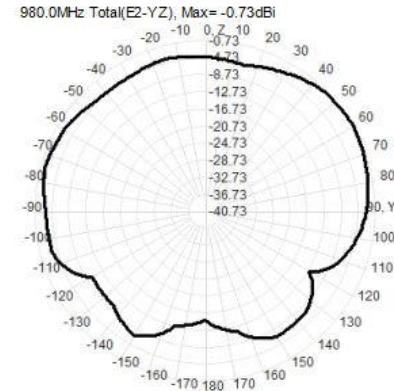
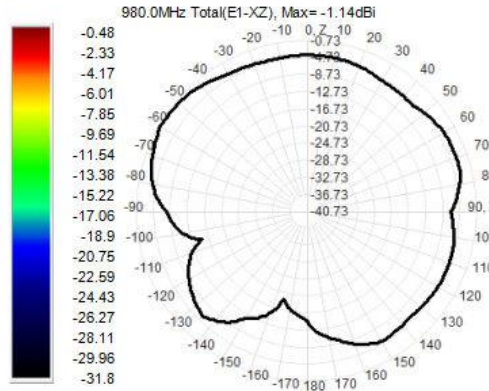
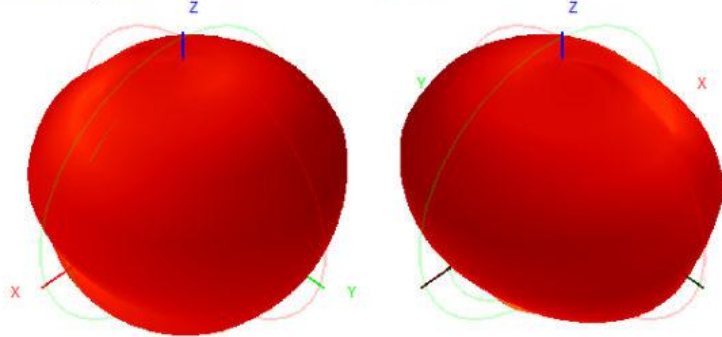
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980.0MHz H+V, Eff: 35.5%

Back View

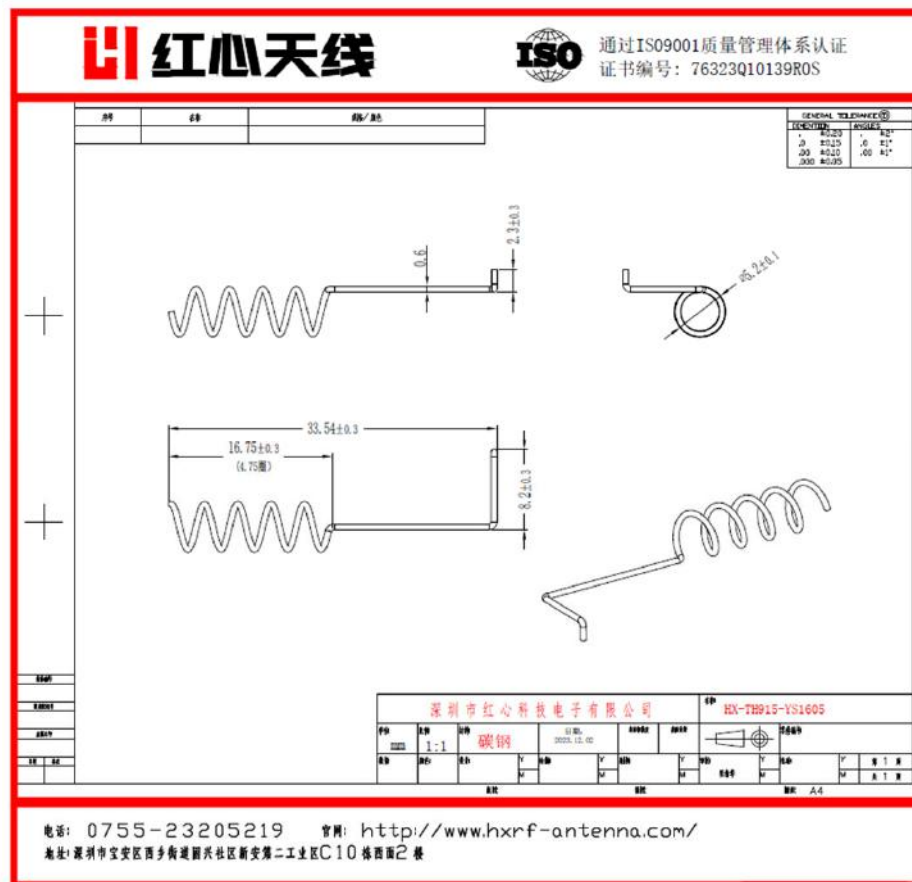


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THANKS

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