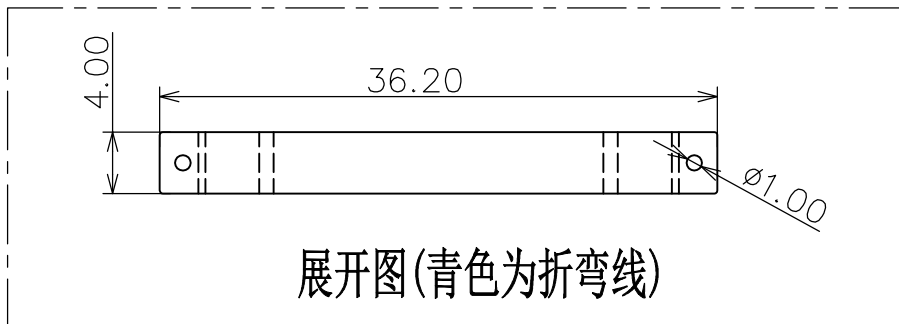
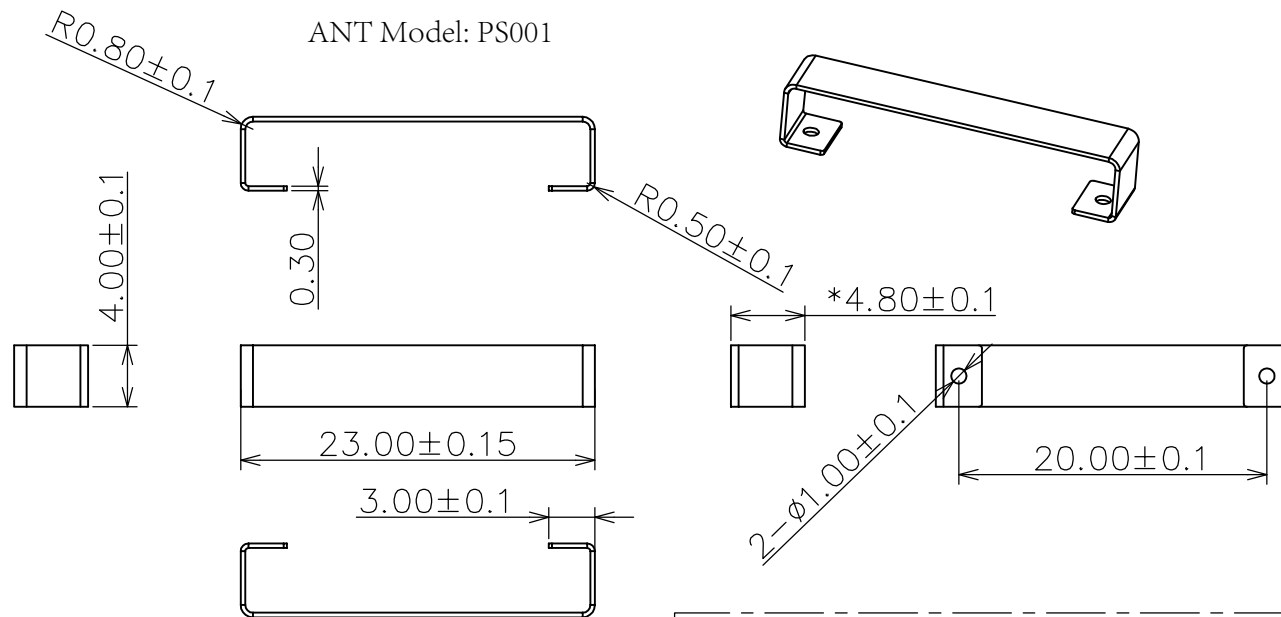


Antenna specification
Shenzhen Anwei wireless Technology Co., LTD
ANT Model: PS001



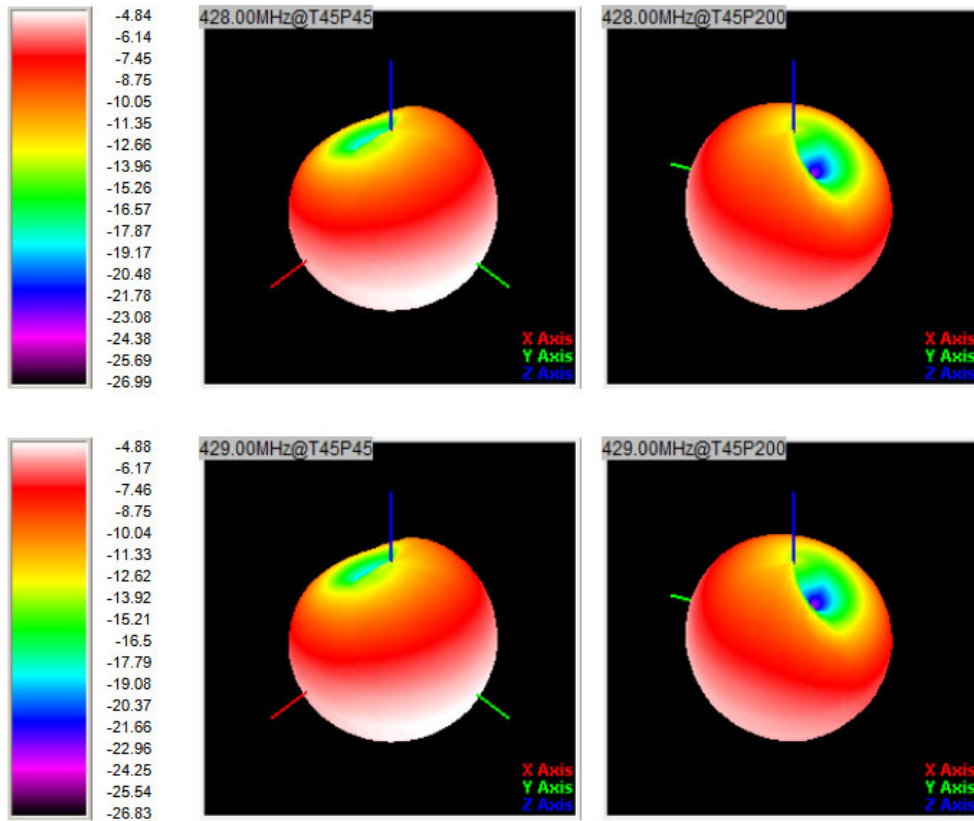
技术要求:

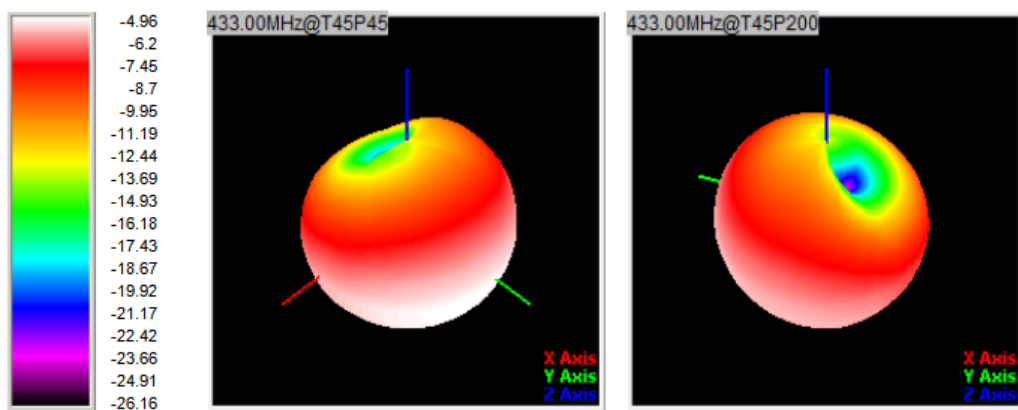
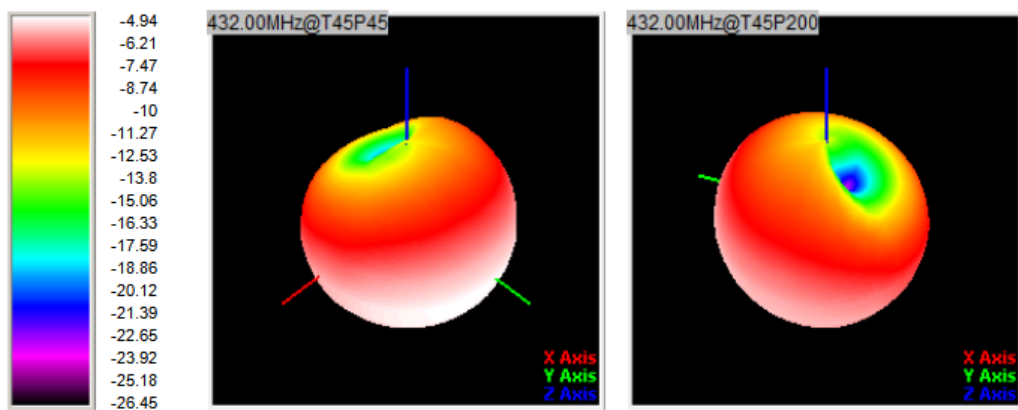
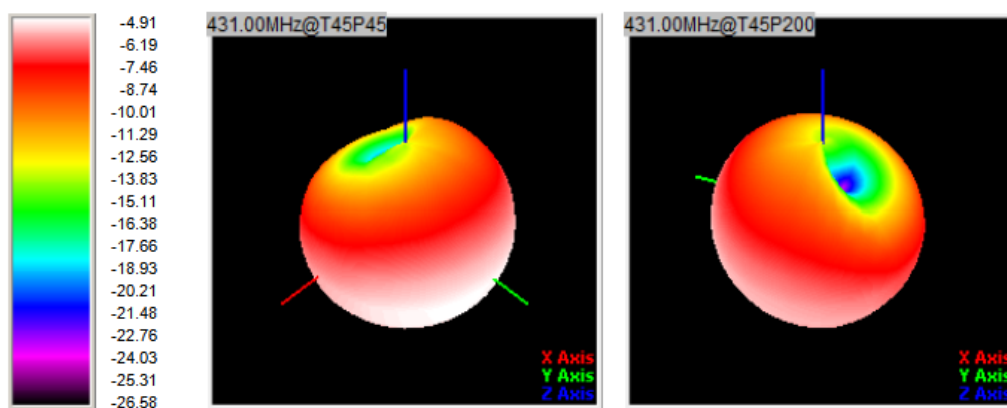
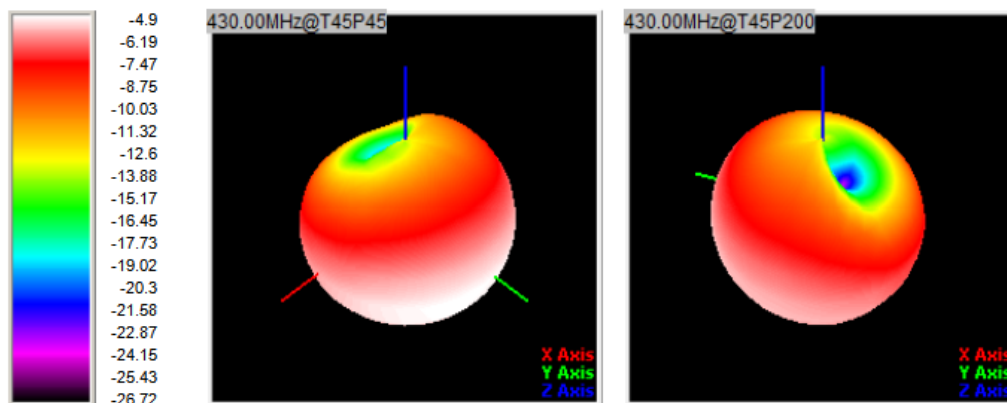
- 1: 材质: 洋白铜 T: 0.3MM .
- 2: 材质需符合ROHS要求 .
- 3: 带"*"为重点尺寸, 未标注, 尺寸详见相应的3D.
- 4: 弹片不可随意变更材质, 纹路方向与触脚折弯方向一致.
- 5: 产品不可变形, 表面不可有黑斑, 批锋等不良.
- 6: 未注公差参照一般公差表.

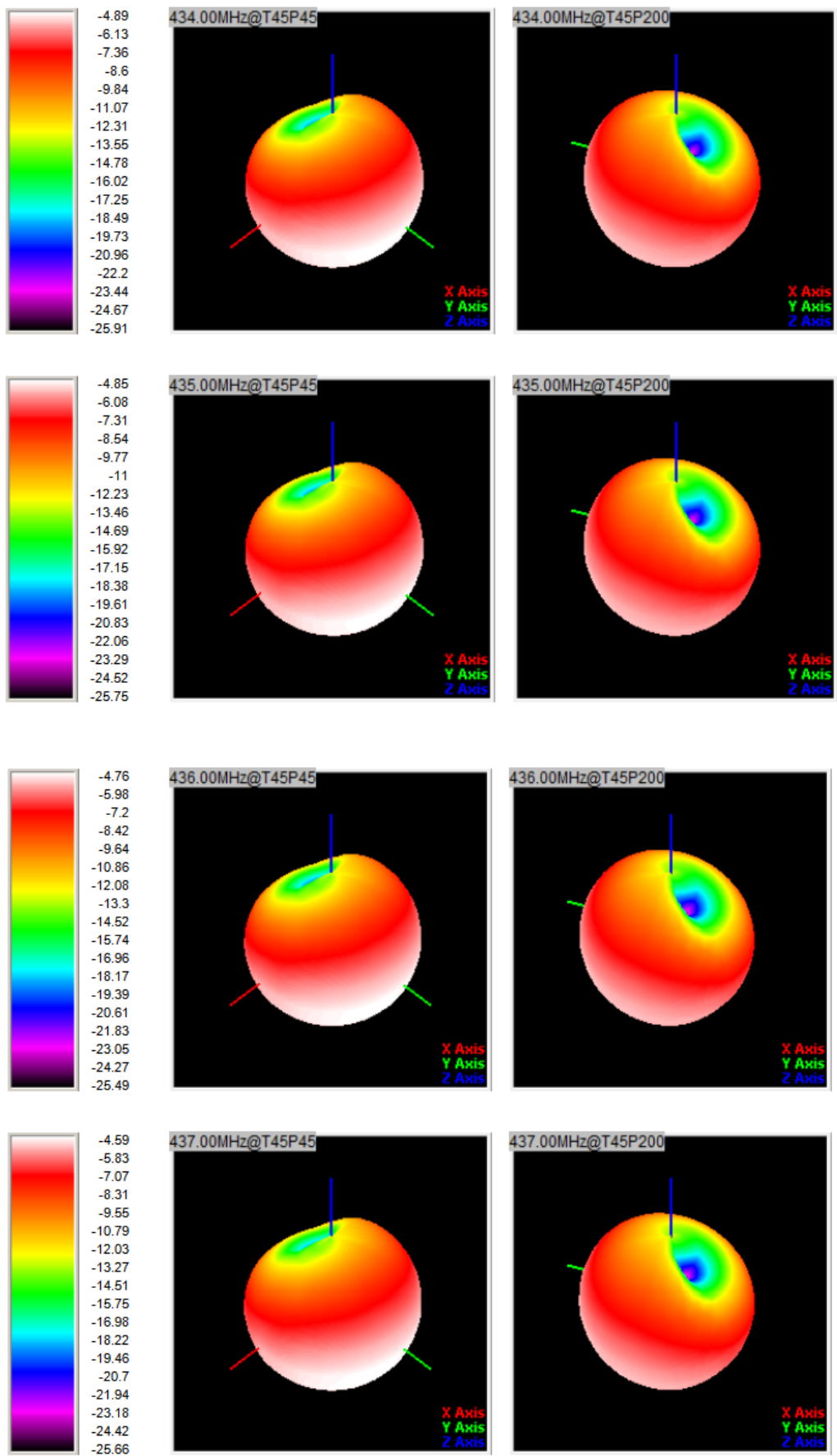
深圳市安威无线科技有限公司

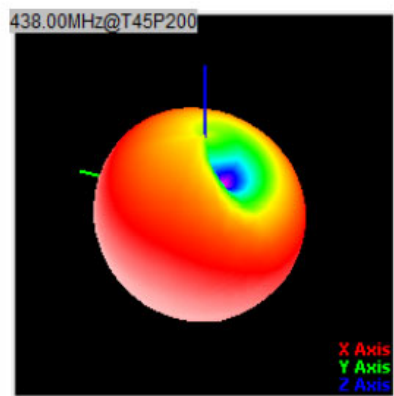
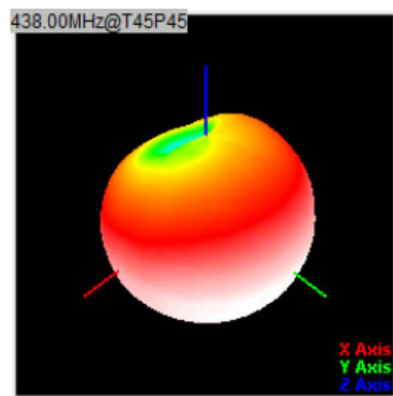
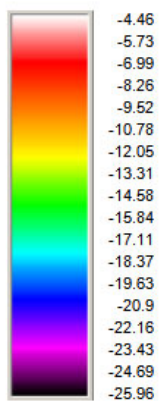
第三视角				项目名称		日期	
0~3	±0.05	⊕	0.02	CTP-11-51		2022-10-25	
3~30	±0.08	⊙	0.03	产品名称	天线弹片	审核	MD QYL
30~50	±0.10	⊙	0.02				
50~80	±0.12	⊥	0.02	产品料号	AW006-CTP-11-51-021-A	批准	
角度	±3°	∠	0.05				
第 1 页, 共 1 页				材料	洋白铜C7521	单位	mm
		比例	FIT	版本	A1		

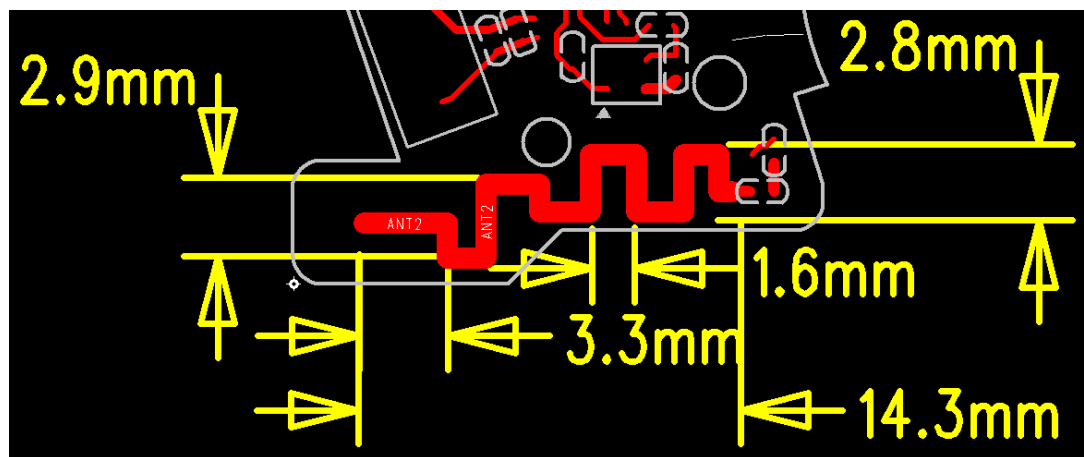
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	428.0	429.0	430.0	431.0	432.0	433.0	434.0	435.0	436.0	437.0	438.0
Point Values											
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-7.65	-7.67	-7.68	-7.69	-7.69	-7.69	-7.60	-7.55	-7.44	-7.28	-7.18
Peak EIRP (dBm)	-4.84	-4.88	-4.90	-4.91	-4.94	-4.96	-4.89	-4.85	-4.76	-4.59	-4.46
Directivity (dBi)	2.81	2.79	2.78	2.77	2.75	2.73	2.71	2.70	2.68	2.69	2.72
Efficiency (dB)	-7.65	-7.67	-7.68	-7.69	-7.69	-7.69	-7.60	-7.55	-7.44	-7.28	-7.18
Efficiency (%)	17.20	17.10	17.00	17.00	17.00	17.00	17.40	17.60	18.00	18.70	19.10
Gain (dBi)	-4.84	-4.88	-4.90	-4.91	-4.94	-4.96	-4.89	-4.85	-4.76	-4.59	-4.46
NHPRP $\pm\pi/4$ (dBm)	-8.33	-8.36	-8.39	-8.40	-8.42	-8.42	-8.35	-8.31	-8.22	-8.08	-8.01
NHPRP $\pm\pi/6$ (dBm)	-9.40	-9.43	-9.46	-9.47	-9.49	-9.50	-9.43	-9.39	-9.30	-9.17	-9.10
NHPRP $\pm\pi/8$ (dBm)	-10.27	-10.31	-10.33	-10.35	-10.37	-10.37	-10.30	-10.27	-10.18	-10.05	-9.99
Upper Hem. PRP (dBm)	-11.35	-11.37	-11.40	-11.41	-11.42	-11.43	-11.36	-11.32	-11.25	-11.13	-11.07
Lower Hem. PRP (dBm)	-10.06	-10.08	-10.09	-10.09	-10.09	-10.08	-9.98	-9.91	-9.78	-9.59	-9.46
Upper Hem. PRP (%)	7.33	7.29	7.25	7.23	7.21	7.20	7.32	7.37	7.50	7.71	7.82
Lower Hem. PRP (%)	9.85	9.82	9.79	9.80	9.80	9.83	10.04	10.21	10.53	11.00	11.32







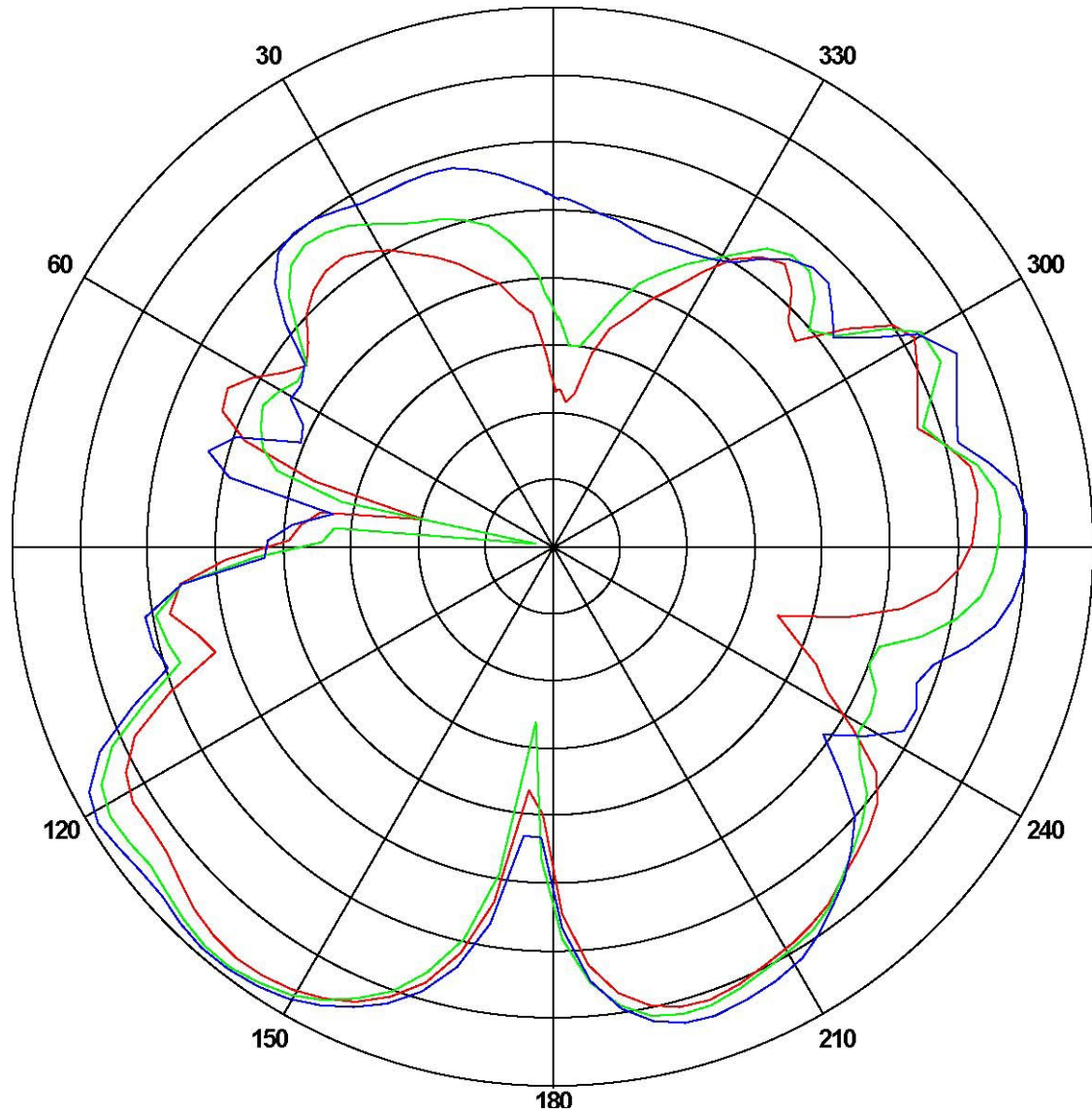




Horizontal: 315 MHz 375 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

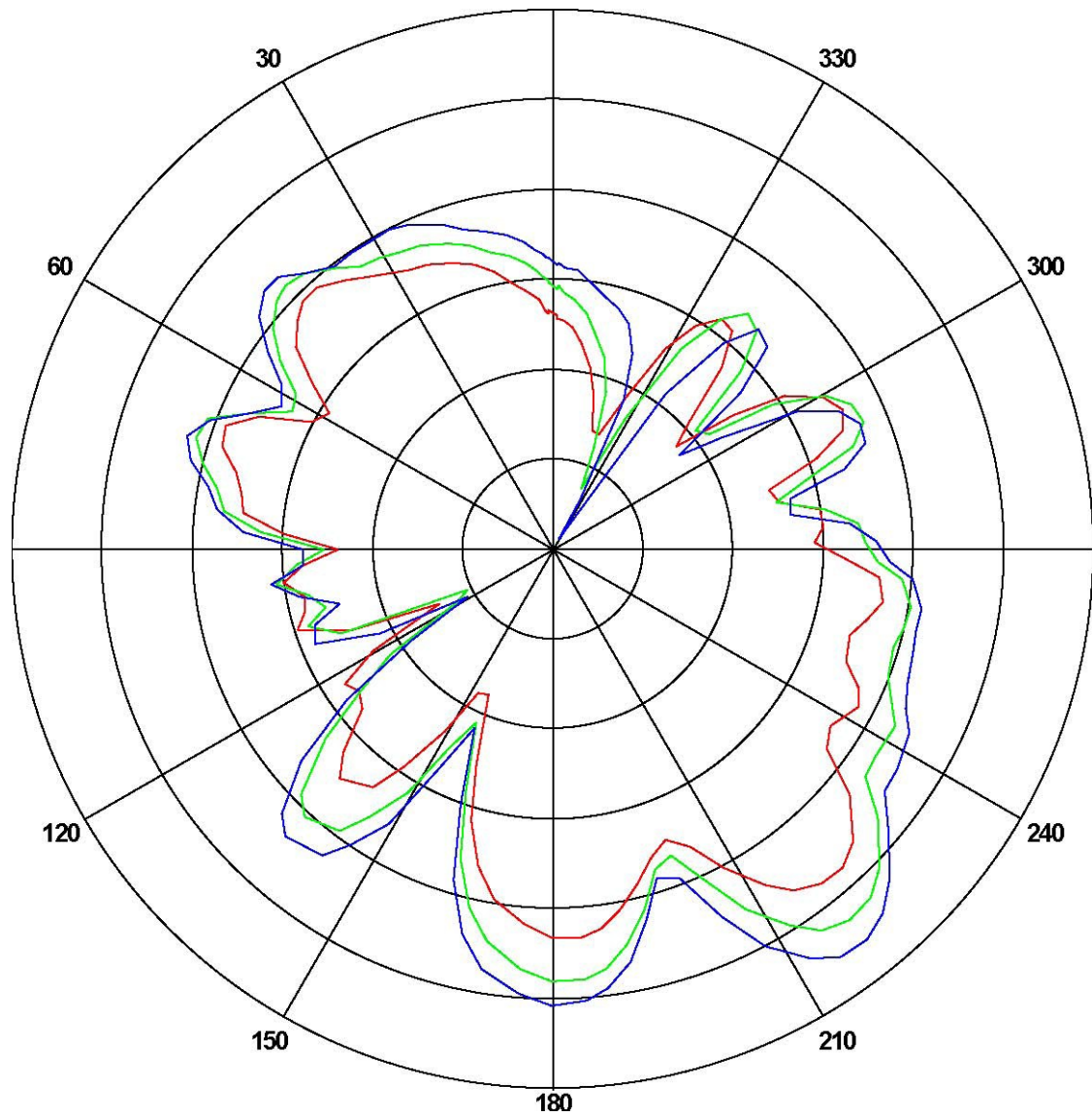


Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
315	-1.26174	-30.0801	-7.18716
375	-0.765802	-36.5604	-7.48023

Vertical: 315 MHz 375 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
315	-5.2537	-22.1424	-12.4294
375	-2.4652	-24.5837	-10.4702

ANT Test Labs: Attestation of Global Compliance Co., Ltd.