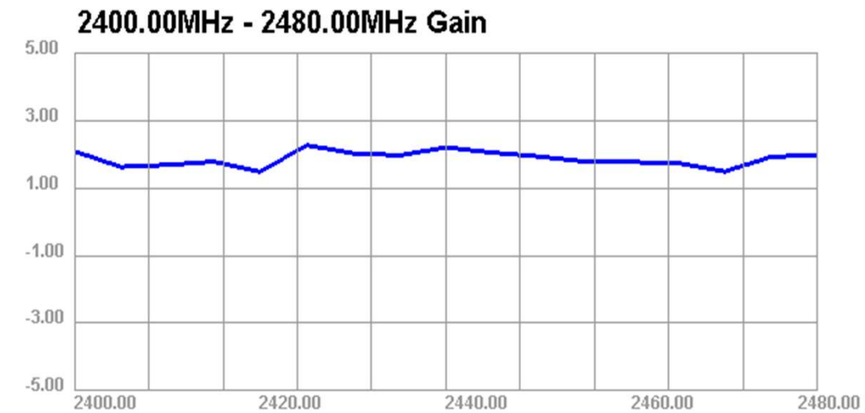
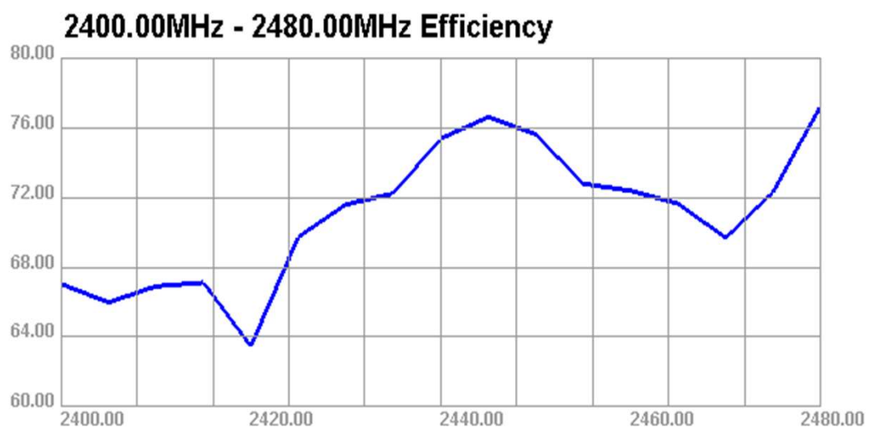
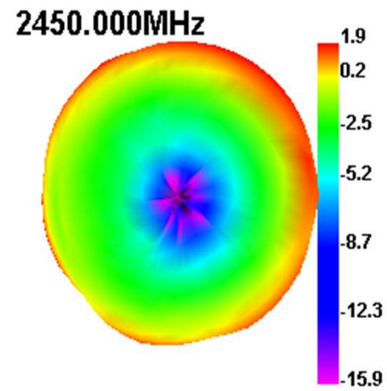
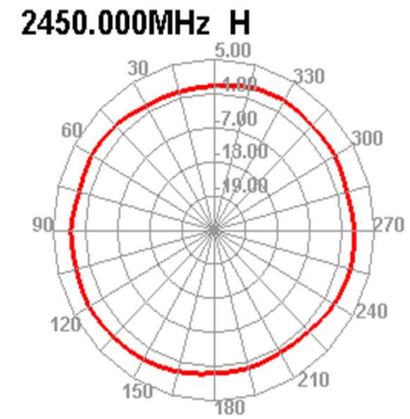
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	66.82	-1.97	1.86	-0.29	35.461	31.592	2.09	-22.85	49.53	49.95
2405	65.76	-2.04	1.4	-0.75	34.427	31.561	1.63	-21.32	49.61	50.02
2410	66.68	-1.97	1.46	-0.69	34.49	32.423	1.69	-21.52	49.69	50.08
2415	66.89	-1.96	1.55	-0.6	34.391	32.732	1.78	-20.76	49.72	50.11
2420	63.24	-2.2	1.25	-0.9	32.556	30.918	1.48	-21.52	49.74	50.13
2425	69.51	-1.8	2.04	-0.11	35.961	33.781	2.27	-20.44	49.85	50.14
2430	71.37	-1.68	1.8	-0.35	36.936	34.664	2.03	-19.71	49.96	50.15
2435	72	-1.64	1.74	-0.41	37.613	34.622	1.97	-17.67	50.02	50.19
2440	75.15	-1.46	1.97	-0.18	39.636	35.745	2.2	-17.5	50.08	50.22
2445	76.38	-1.39	1.82	-0.33	40.396	36.215	2.05	-16.38	50.09	50.12
2450	75.39	-1.44	1.71	-0.44	40.193	35.43	1.94	-15.85	50.1	50.01
2455	72.56	-1.61	1.55	-0.6	38.863	33.929	1.78	-15.17	50.07	50.03
2460	72.16	-1.63	1.54	-0.61	38.888	33.501	1.77	-16.35	50.04	50.06
2465	71.42	-1.68	1.51	-0.64	38.552	33.099	1.74	-17.32	50.09	50.1
2470	69.46	-1.8	1.26	-0.89	36.942	32.744	1.49	-16.74	50.14	50.14
2475	72.08	-1.64	1.69	-0.46	38.153	34.161	1.92	-17.57	50.24	50.16
2480	77.02	-1.35	1.76	-0.39	40.169	37.081	1.99	-15.91	50.34	50.18

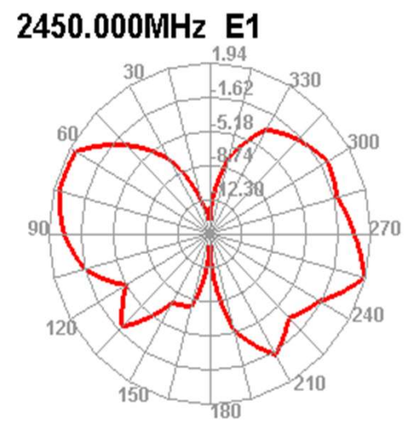
Application Information	
O4Version	4.87.297
TotalTime	9m 28s 821ms
AdditionalInfor	NULL

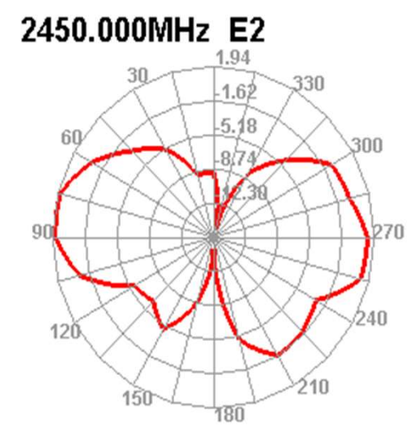






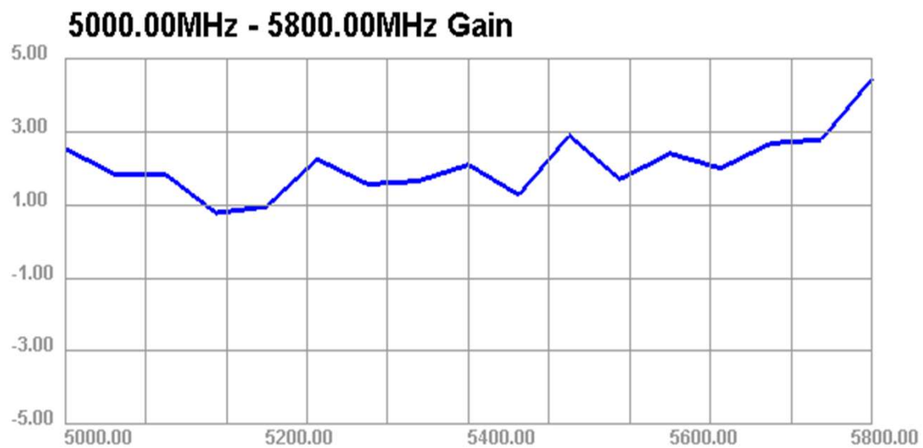


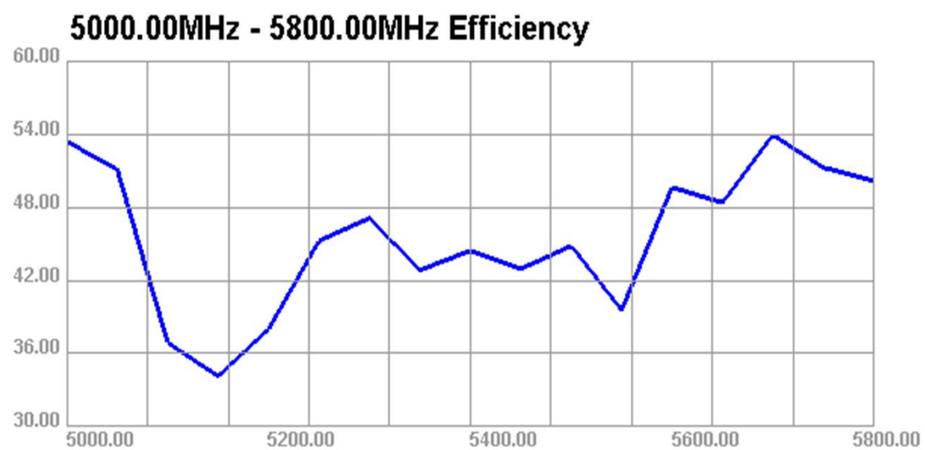


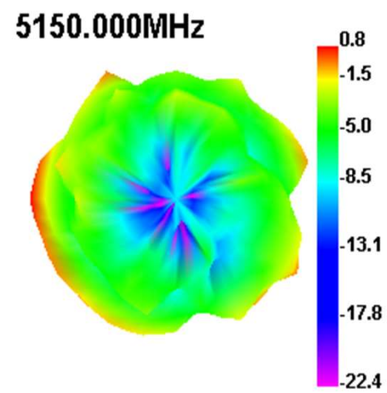


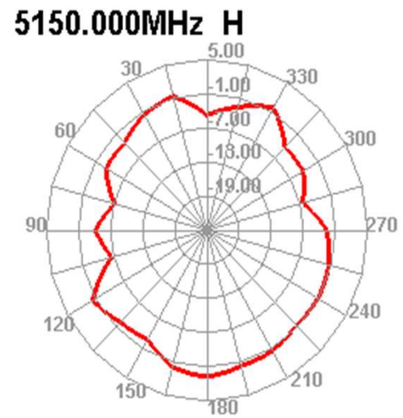
Passive Test For WIFI-5.8G										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
5000	53.41	-2.72	2.54	0.39	29.739	23.668	2.54	-17.65	61	61
5050	51.12	-2.91	1.82	-0.33	27.79	23.326	1.82	-17.75	61	61
5100	36.89	-4.33	1.82	-0.33	19.908	16.983	1.82	-21.27	61	61
5150	34.14	-4.67	0.78	-1.37	17.375	16.764	0.78	-22.39	61	61
5200	38.01	-4.2	0.95	-1.2	18.967	19.04	0.95	-22.03	61	61
5250	45.26	-3.44	2.25	0.1	21.098	24.161	2.25	-19.03	61	61
5300	47.12	-3.27	1.57	-0.58	21.989	25.127	1.57	-23.98	61	61
5350	42.85	-3.68	1.65	-0.5	19.667	23.187	1.65	-24.97	61	61
5400	44.44	-3.52	2.09	-0.06	20.944	23.494	2.09	-21.52	61	61
5450	42.94	-3.67	1.27	-0.88	21.388	21.557	1.27	-21.63	61	61
5500	44.85	-3.48	2.89	0.74	22.781	22.066	2.89	-23.88	61.5	61.5
5550	39.57	-4.03	1.7	-0.45	20.191	19.377	1.7	-21.58	62	62
5600	49.63	-3.04	2.4	0.25	25.967	23.668	2.4	-22.52	63.5	63.5
5650	48.39	-3.15	2	-0.15	28.936	19.457	2	-19.86	63.5	63.5
5700	53.94	-2.68	2.68	0.53	30.841	23.099	2.68	-16.86	64	64
5750	51.27	-2.9	2.78	0.63	29.897	21.369	2.78	-17.98	64.5	64.5
5800	50.17	-3	4.44	2.29	30.194	19.972	4.44	-19.69	65	65

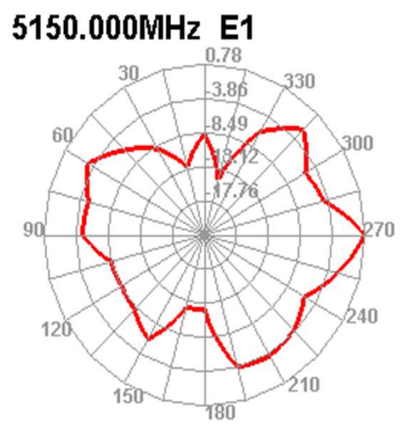
Application Information	
O4Version	4.87.297
TotalTime	9m 28s 821ms
AdditionalInfor	NULL

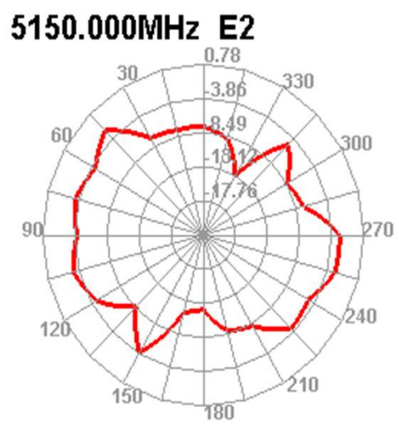




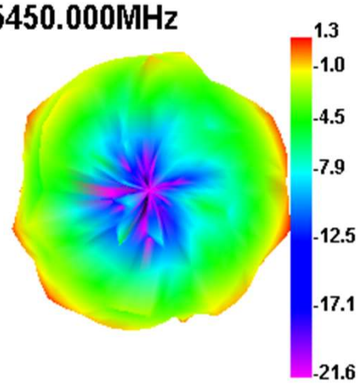




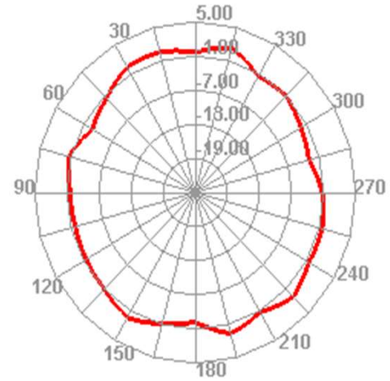




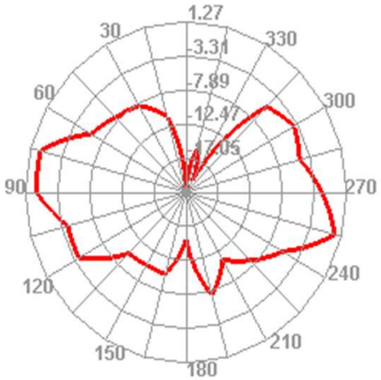
5450.000MHz



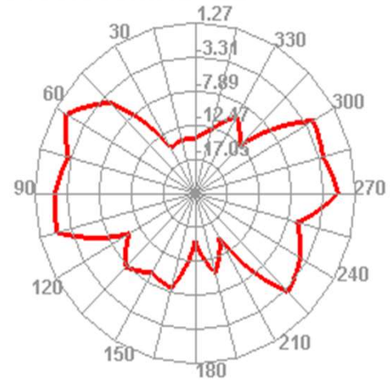
5450.000MHz H



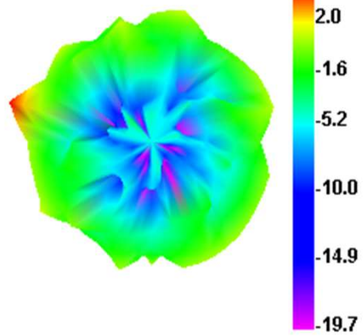
5450.000MHz E1



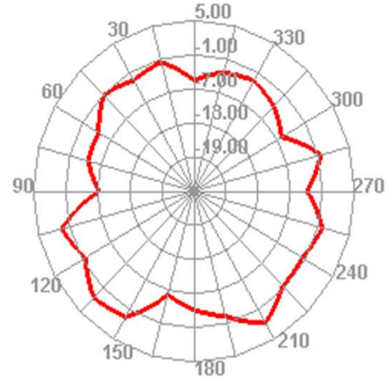
5450.000MHz E2



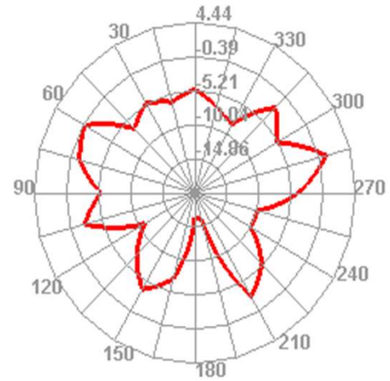
5800.000MHz



5800.000MHz H



5800.000MHz E1



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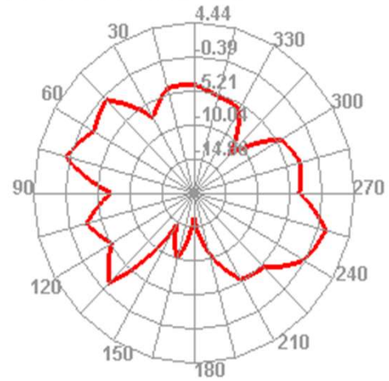
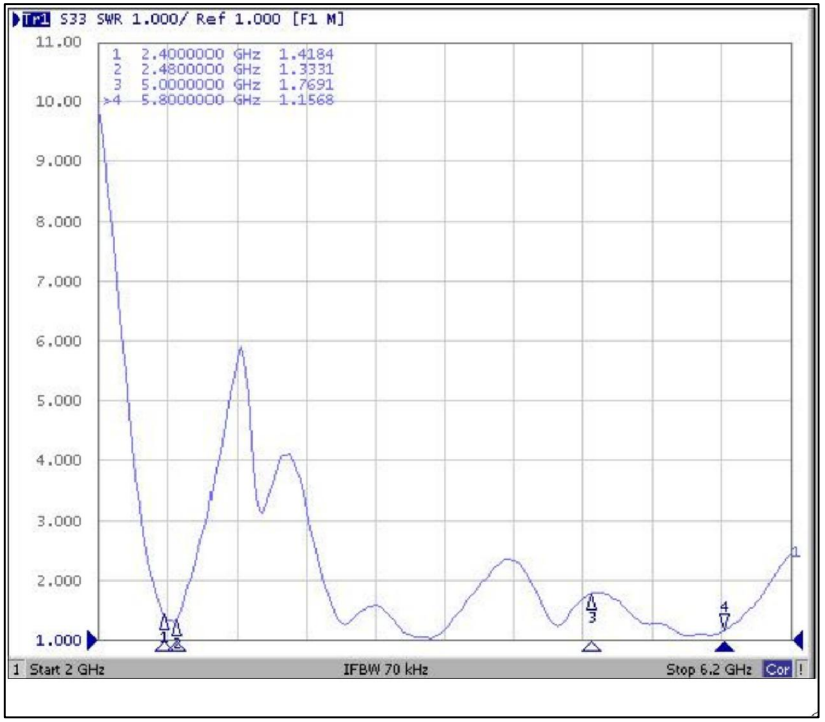
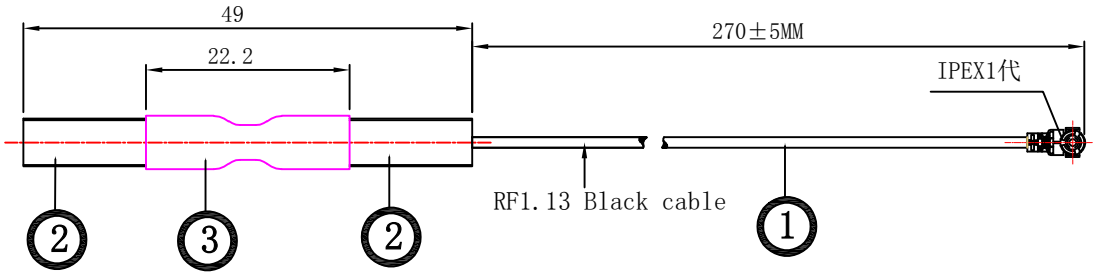


标注前有"*"重点检验尺寸

图面产品均符合ROHS标准



Performance parameters	
Product name	2.4G/5.8 Antenna
Model Type	YG-2458G-RF1.13IPEX1-L270
Frequency Range	2400-2500/5000-5800 MHz
Band Width	100/800MHz
Vswr	≤2.0
Gain	2DBi
Impedance	50 OHM
Polarization	Vertical
Radiation	OMNIDIRECTIONAL
Max power	10 W
CABLE	RF1.13*270MM
Connector	IPEX
Installation	fastener
Temperature	-35 °-- 75°
Lighting protection	DC grounding



Antenna structural components

① RF1.13 Black cable

② ϕ5.2*23MM copper tube

③ Outsourced black heat shrink tubing

AFC 深圳市亚冠天线连接器有限公司

公 差	.x ±0.30 x.x ±0.20 x.xx ±0.10 ANGULAR ±5～				代 码		料 号	
					品 名	2.4G/5.8G天线		
		变 更 记 录	日 期	变更者	型 号	YG-2458G-RF1.13IPEX1-L270		
图 法		比 例	纸 张	A4	绘 图		日 期	2022.03.09
		单 位 MM	版 本	A	审 核		页 码	1/1