

承认书
APPROVAL

版本：A1

客 户
CUSTOMER:

品 名 规 格
DESCRIPTION: 2.4G /5.8G 2DB 黑色母针天线

料 号
PART NO.: YS030-0063

客 户 料 号
CUS PART NO.:

日 期
D A T E: 2023-9-4

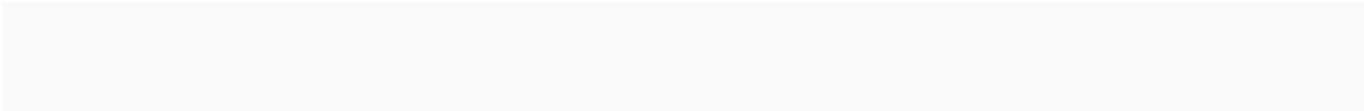
呈样签章:

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT

客户承认签章：

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

※ 客户确认样品附意栏:

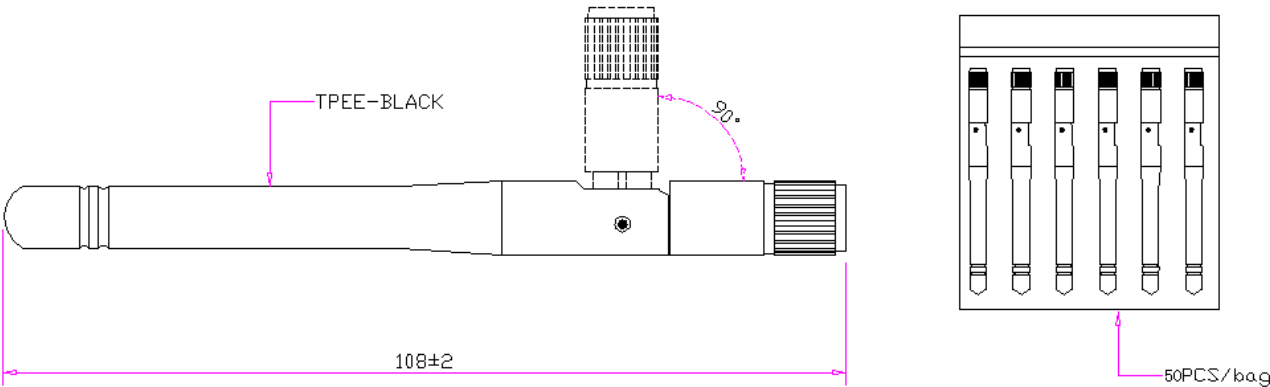


电器技术参数			
电 性 能 指 标		Electrical Specifications	
频率范围	2400-5800MHZ	Frequency Range	2400-5800MHZ
电压驻波比	≤2.0	VSWR	≤2.0
增益	2.5DBI	GAIN	2.5DBI
输入阻抗	50 Ω	Input Impedance	50 Ω
机 械 指 标		Mechanical Specifications	
天线颜色	黑色	Antenna Color	BLACK
接口形式	SMA 母针	Input connector	SMA-K
线长度	109mm	Cable length	109mm
工作温度	-40℃ ~+85℃	Working Temperature	-40℃ ~+85℃
工作湿度	20~80%	Working Humidity	20~80%

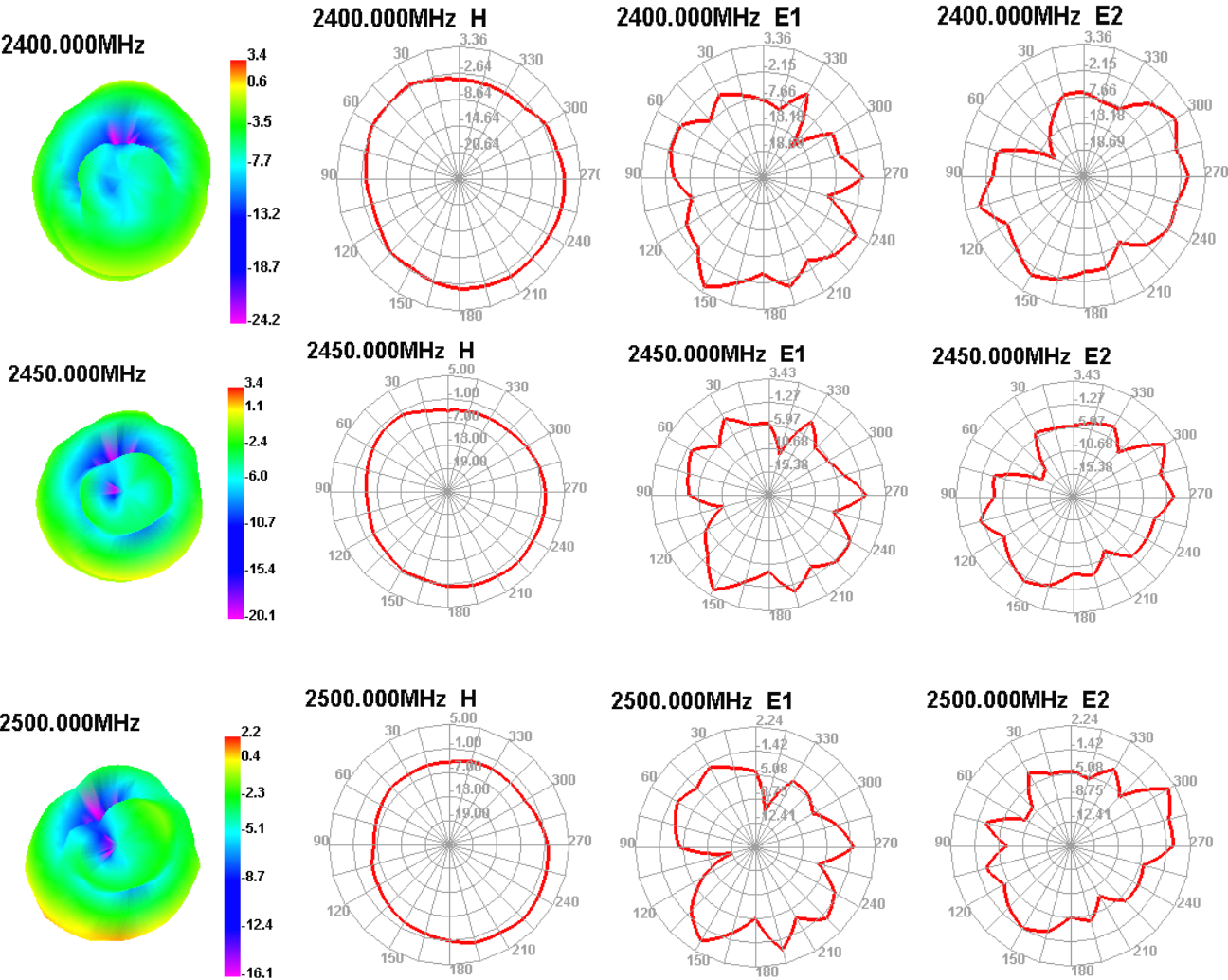
产品图片（Product picture）：



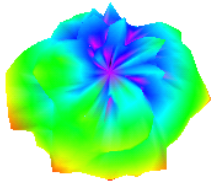
规格图纸（Product Specification）：



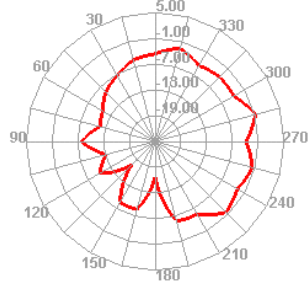
增益测试(dBi):



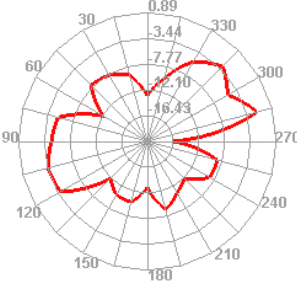
5150.000MHz



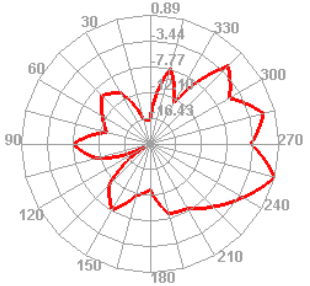
5150.000MHz H



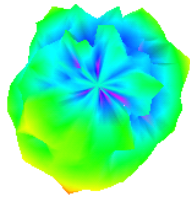
5150.000MHz E1



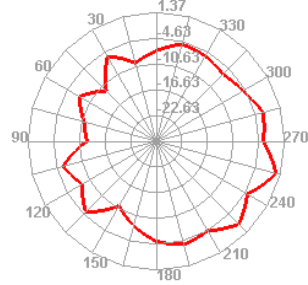
5150.000MHz E2



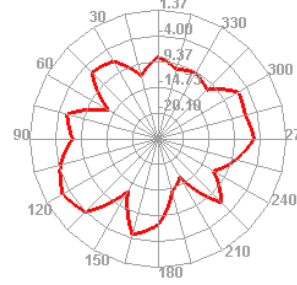
5450.000MHz



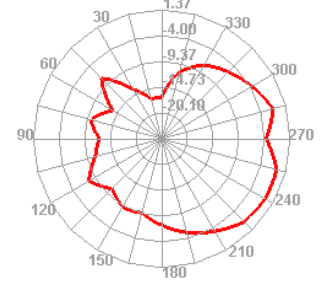
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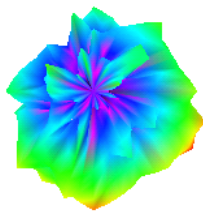
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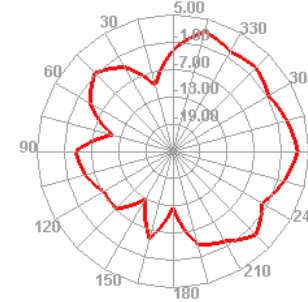
5450.000MHz E2



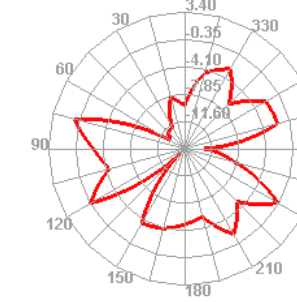
5850.000MHz



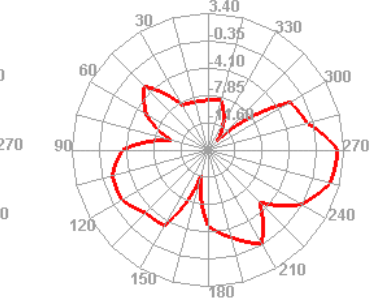
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	47.06	-3.27	0.57	-1.58	5000	23.32	-6.32	-0.82	-2.97
2405	45.6	-3.41	0.36	-1.79	5050	26.74	-5.73	-0.56	-2.71
2410	49.46	-3.06	0.81	-1.34	5100	28.01	-5.53	-0.24	-2.39
2415	45.94	-3.38	0.44	-1.71	5150	31.95	-4.95	0.34	-1.81
2420	48.96	-3.1	0.76	-1.39	5200	34.45	-4.63	1.06	-1.09
2425	52.72	-2.78	1.07	-1.08	5250	43.87	-3.58	1.45	-0.7
2430	52.54	-2.79	1.05	-1.1	5300	46.46	-3.33	1.73	-0.42
2435	52.67	-2.78	1.01	-1.14	5350	48.73	-3.12	2.24	0.09
2440	54.42	-2.64	1.09	-1.06	5400	48.1	-3.18	2.51	0.36
2445	55.15	-2.58	1.09	-1.06	5450	43.31	-3.63	1.8	-0.35
2450	51.83	-2.85	0.68	-1.47	5500	43.9	-3.58	1.88	-0.27
2455	55.4	-2.56	0.98	-1.17	5550	35.27	-4.53	1.07	-1.08
2460	52.21	-2.82	0.72	-1.43	5600	24.47	-6.11	0.48	-1.67
2465	51.49	-2.88	0.76	-1.39	5650	23.92	-6.21	0.22	-1.93
2470	49.3	-3.07	0.55	-1.6	5700	22.03	-6.57	-0.16	-2.31
2475	53.32	-2.73	0.92	-1.23	5750	20.32	-6.92	-0.92	-3.07
2480	54.14	-2.66	0.98	-1.17	5800	19.69	-7.06	-0.97	-3.12
2485	53.75	-2.7	0.92	-1.23	5850	22.56	-6.47	-0.57	-2.72
2490	59.49	-2.26	1.4	-0.75	5900	19.45	-7.11	-0.47	-2.62
2495	56.31	-2.49	1.23	-0.92					
2500	55.03	-2.59	1.15	-1					

环境性能测试（Environmental performance test）：

ITEM	TEST CONDITION	TEST RESULT
The storage environment	In the absence of the specified circumstances test temperature, humidity, air pressure is as follows: 1 temperature is -30 °C ~ +80 °C 2 relative humidity for 45%-85% The 3 pressure is 86kpa-106kpa	Electrical and mechanical properties of normal
Thermocycling ;	5 cycles between 70 °C and 40 °C, then under normal conditions 1-2H, appearance quality inspection.	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
Resistance to damp heat Test	Relative humidity is $95 \pm 3\%$, test temperature: 40 °C. Continue after 2H, Test within the product after removing the 5min determination of the electrical properties, in the normal sample Under 1-2H, the appearance of quality inspection	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
vibration test ;	Displacement amplitude of vibration frequency range: 10-55HZ, 0.35MM, the amplitude of acceleration: 50.0M/S, sweep cycle times: 30 times	Electrical and mechanical properties of normal
fall-down test ;	1M high altitude in accordance with the perpendicular axis free fall 3	Electrical and mechanical properties of normal