



深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

TEL: +86 0755-28640107

FAX: +86 755 28694967

承认书 APPROVAL

客 户
CUSTOMER:

品 名 规 格
DESCRIPTION:

料 号
PART NO.: YS030-026

客 户 料 号
CUS PART NO.:

日 期
D A T E: 2023-7-21

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

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



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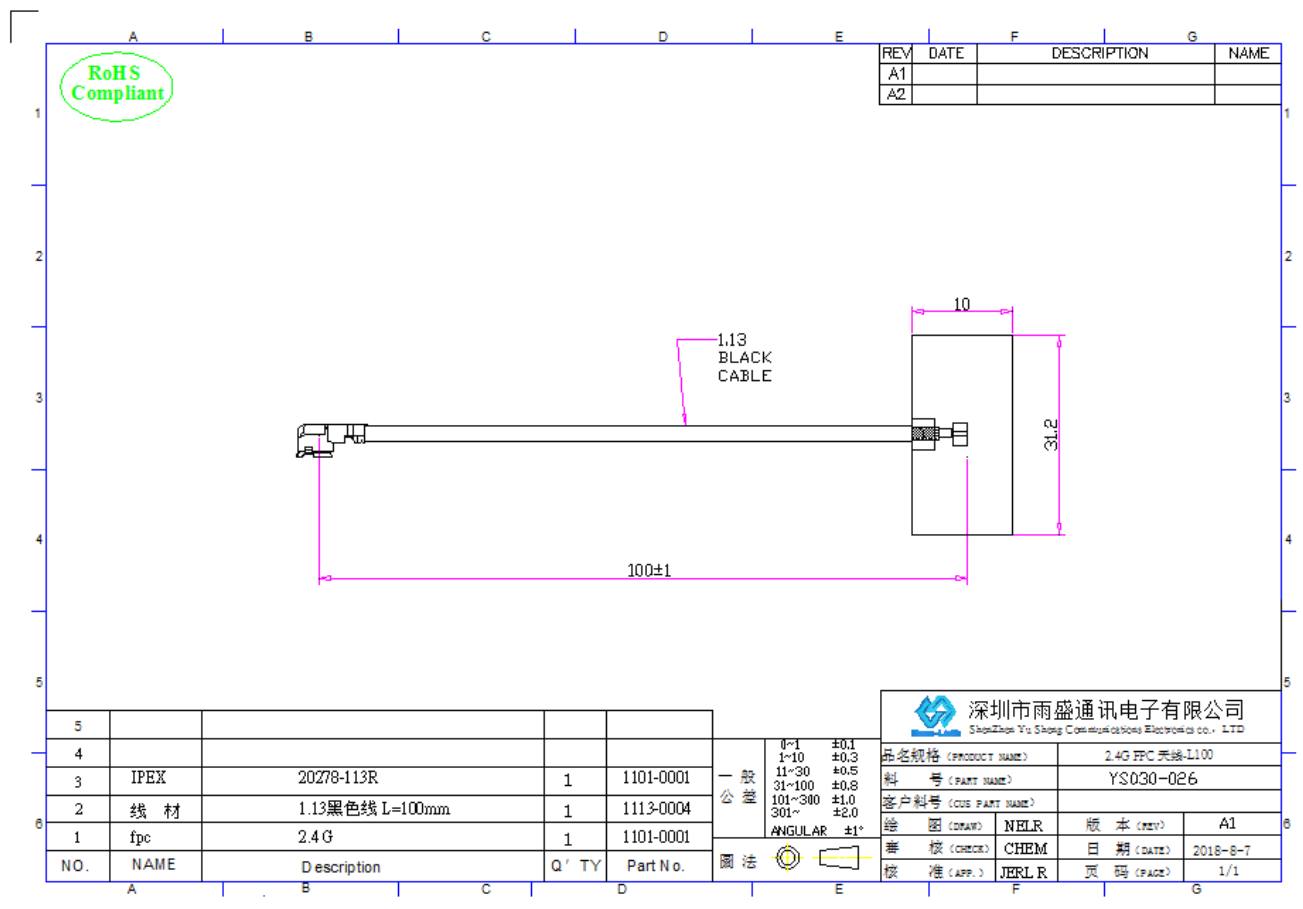
Technical parameters of electrical apparatus

电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500MHZ	Frequency Range	2400-2500MHZ
电压驻波比	≤ 2.0	VSWR	≤ 2.0
增益	2DBI	GAIN	2DBI
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	IPEX	Input connector	ipex
工作温度	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C	Working Temperature	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C
工作湿度	20~80%	Working Humidity	20~80%

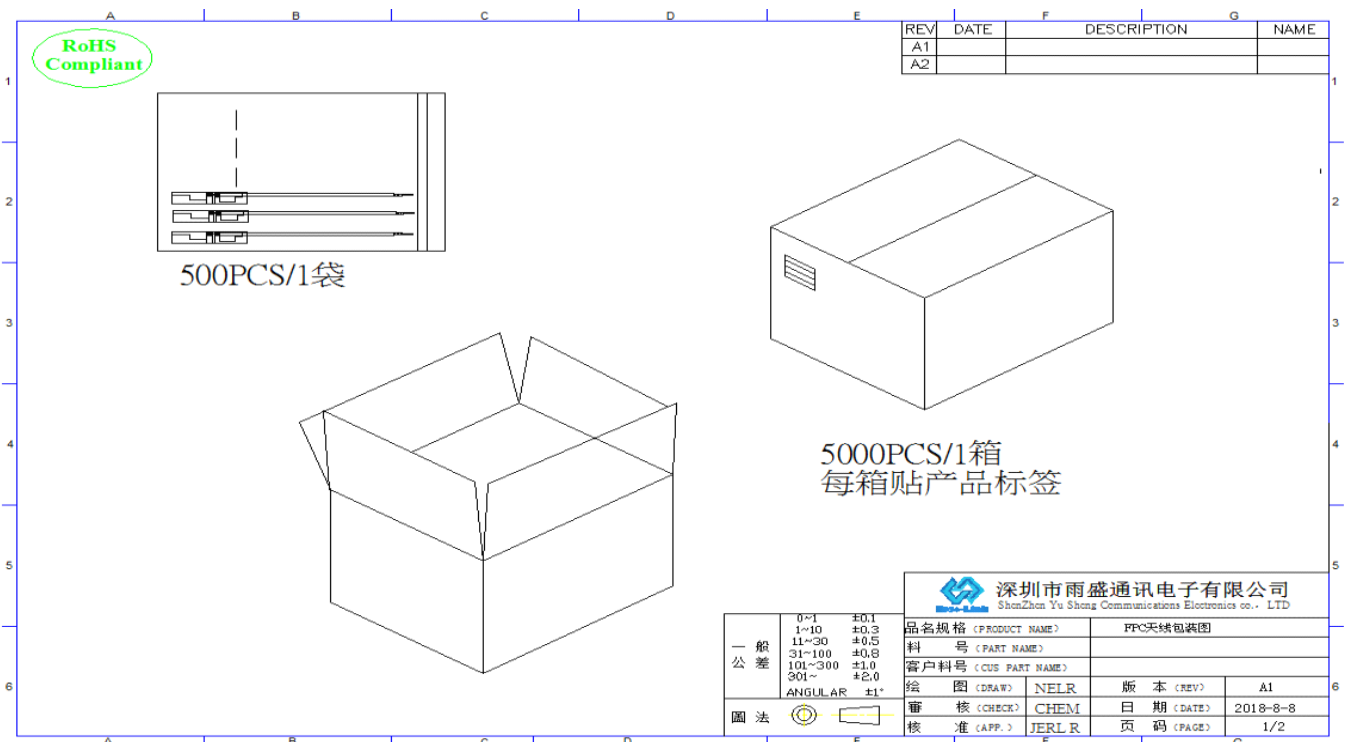
产品图片:



Specification drawing



Packing drawing:



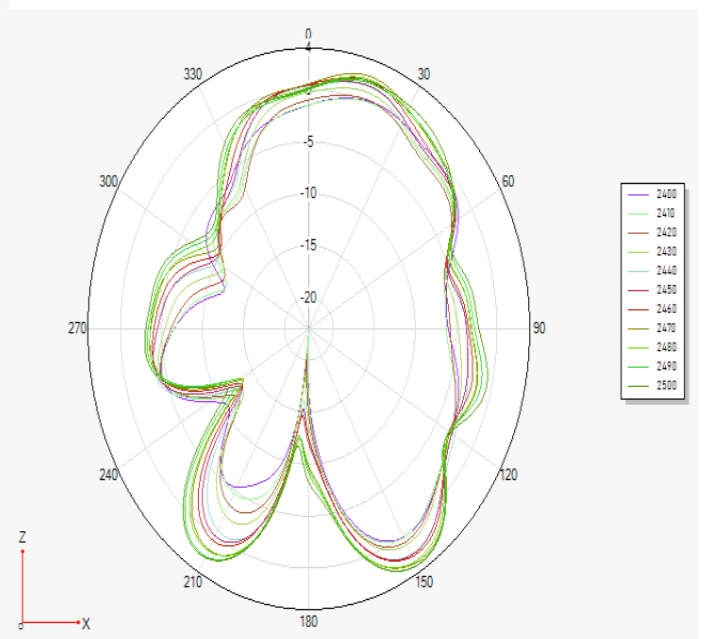
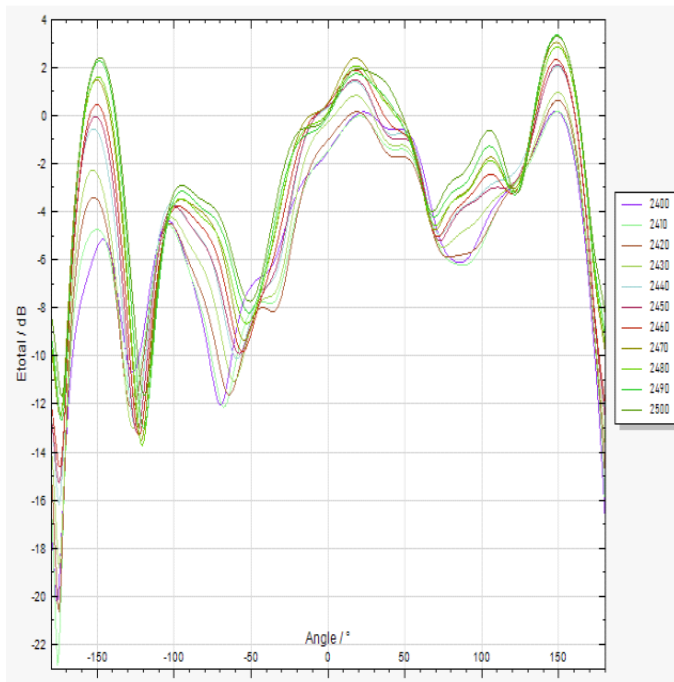
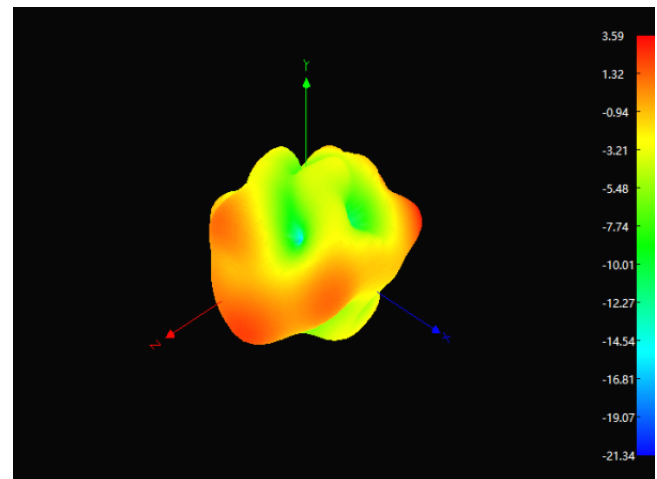
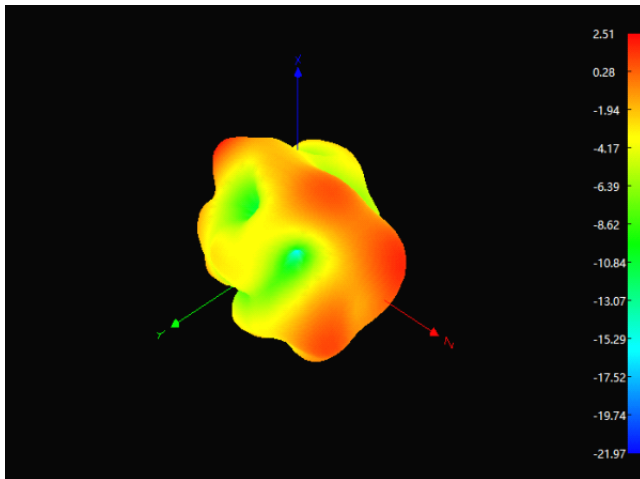
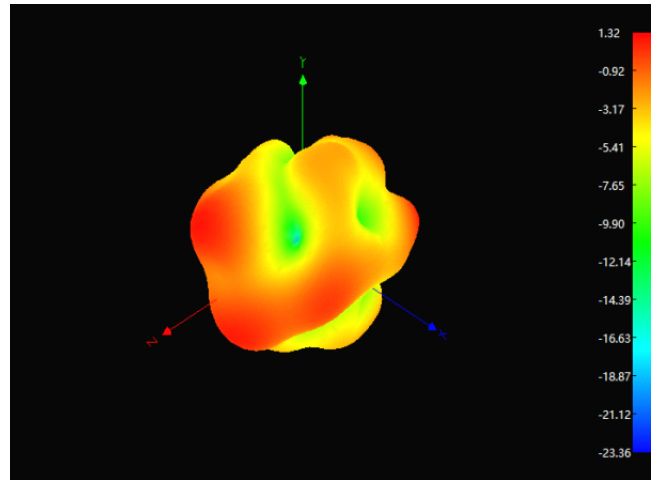
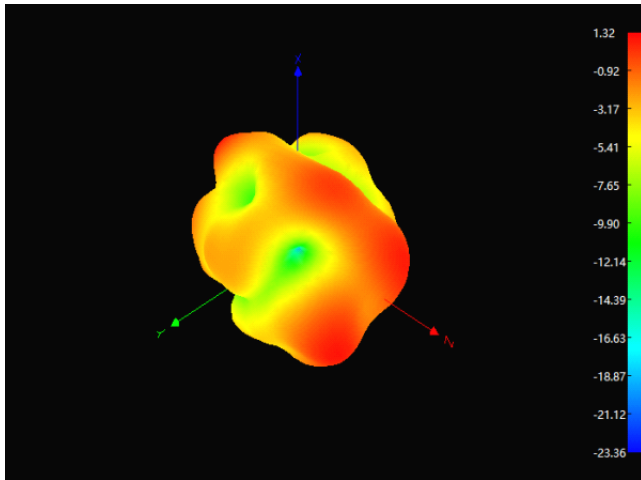


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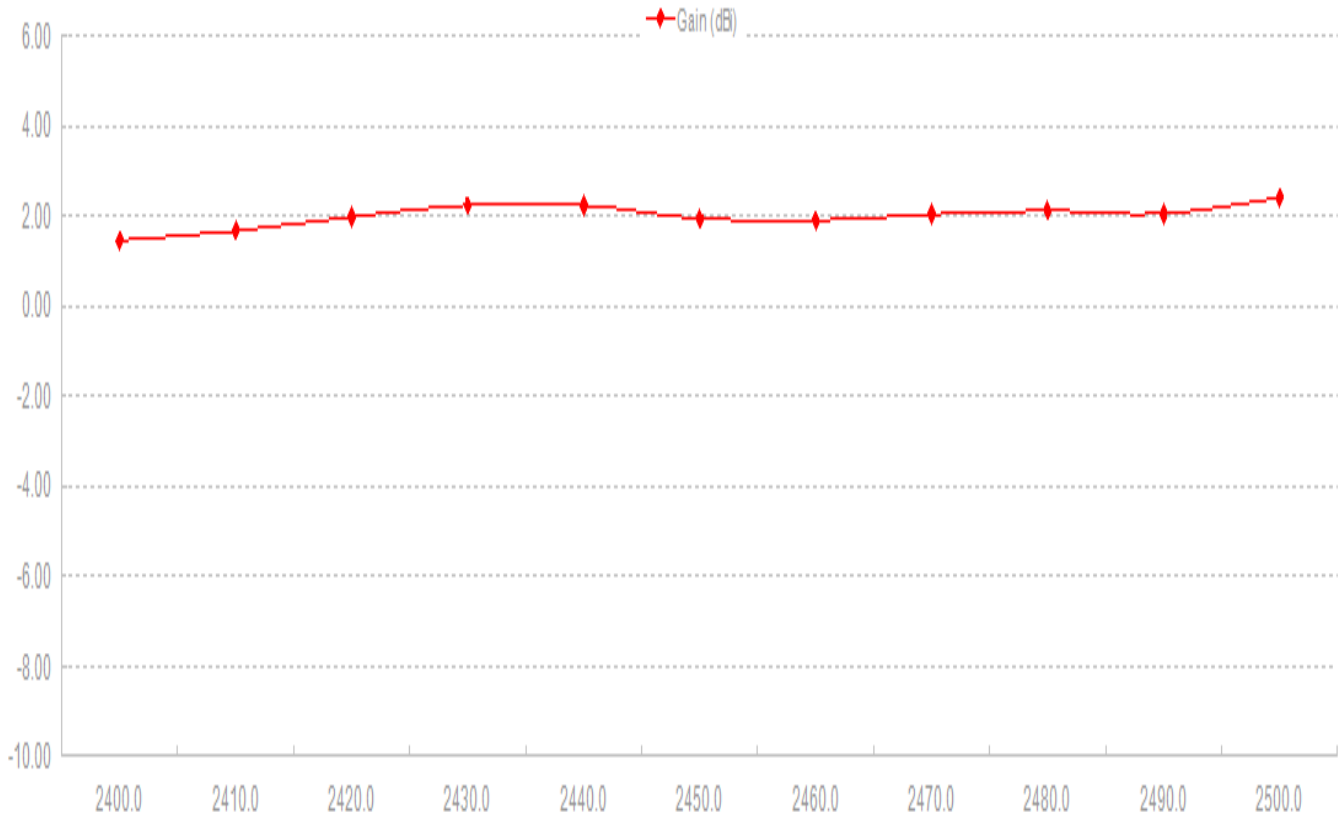


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Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Point Values											
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-2.69	-2.52	-2.23	-2.04	-1.95	-2.28	-2.44	-2.49	-2.60	-2.83	-2.45
Peak EIRP (dBm)	1.46	1.67	1.98	2.24	2.24	1.94	1.91	2.04	2.12	2.05	2.41
Directivity (dBi)	4.15	4.19	4.21	4.28	4.19	4.22	4.36	4.52	4.72	4.87	4.86
Efficiency (dB)	-2.69	-2.52	-2.23	-2.04	-1.95	-2.28	-2.44	-2.49	-2.60	-2.83	-2.45
Efficiency (%)	53.80	56.00	59.80	62.50	63.80	59.20	57.00	56.40	55.00	52.20	56.90
Gain (dBi)	1.46	1.67	1.98	2.24	2.24	1.94	1.91	2.04	2.12	2.05	2.41
NHPRP $\pm\pi/4$ (dBm)	-3.69	-3.36	-2.92	-2.52	-2.55	-2.92	-3.24	-3.47	-3.56	-3.59	-2.96
NHPRP $\pm\pi/6$ (dBm)	-4.35	-4.03	-3.59	-3.20	-3.23	-3.60	-3.92	-4.14	-4.22	-4.26	-3.65
NHPRP $\pm\pi/8$ (dBm)	-4.96	-4.64	-4.21	-3.82	-3.85	-4.21	-4.53	-4.75	-4.83	-4.88	-4.29
Upper Hem. PRP (dBm)	-5.17	-4.93	-4.58	-4.35	-4.22	-4.52	-4.66	-4.67	-4.76	-4.96	-4.55
Lower Hem. PRP (dBm)	-6.30	-6.22	-6.01	-5.89	-5.85	-6.22	-6.43	-6.51	-6.65	-6.93	-6.61
Upper Hem. PRP (%)	30.38	32.14	34.79	36.77	37.80	35.31	34.18	34.09	33.41	31.88	35.06
Lower Hem. PRP (%)	23.45	23.85	25.03	25.78	26.03	23.90	22.78	22.33	21.60	20.29	21.82