

Antenna Acknowledgment Letter

Customer Name:

Product Model: Sports Camera P226 – Antenna

Antenna Specifications:

Material Code:

Issue Date: 2025-11-11

Address : 13F, Building 120, Yitian Village,

1005 Yitian Road, Yitian Community, Fubao

Street, Futian District, Shenzhen

Manufacturer's Acknowledgment Section:

Fiction	Radio frequency	Structure	Ratify	Date

Customer Acknowledgment Section:

Affirm	Examine and verify	Ratify	Date

Acknowledgment Letter – Update Work History

Edition	Date	Change Description	Remarks
R/A	2025-11-11	Editio princeps	

Catalogue

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I. Antenna Image

GPS



WIF 1

WIFI 0

II. Test Environment

III. Antenna Matching

3.1. Antenna

Antenna Type : FPC

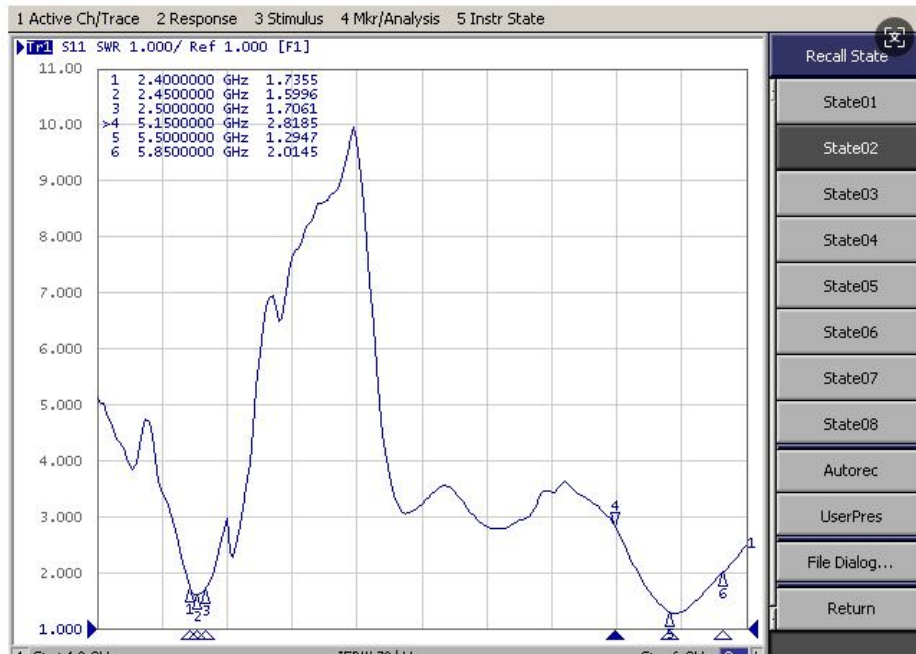
IV. Product Specifications

Passive Electrical Specifications	
Frequency Range (MHz)	2400-5825MHz
Input Impedance (Ω)	50
Voltage Standing Wave Ratio (VSWR)	≤3.5
Gain (dBi)	<4dBi
Polarization Type	Linear polarization

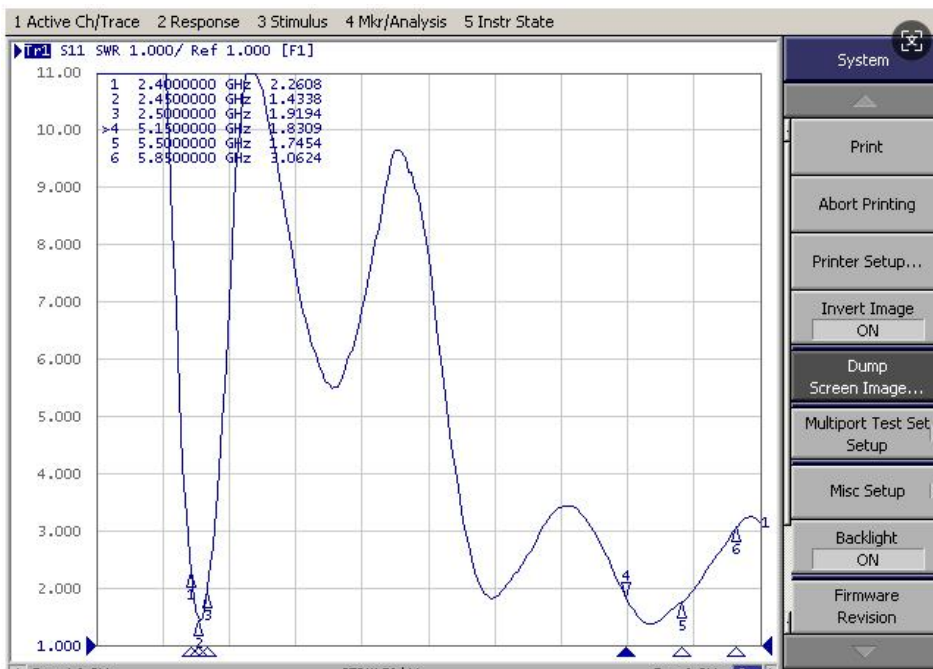
V. Electrical Performance Report

- WIFI VSWR (Voltage Standing Wave Ratio) Chart

WIFI 0



WIFI 1



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Shenzhen Haozetongda Technology Co., Ltd.

● Gain Efficiency

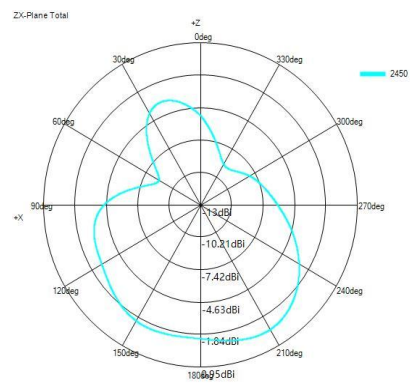
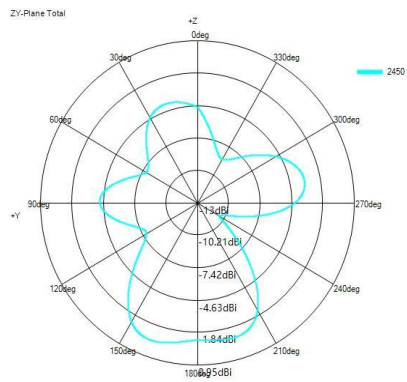
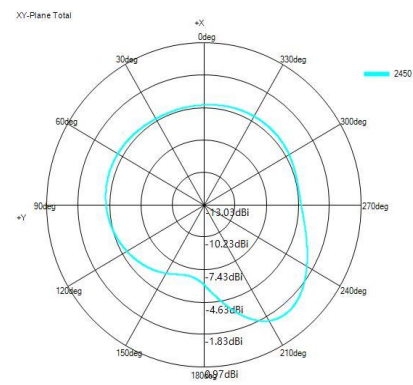
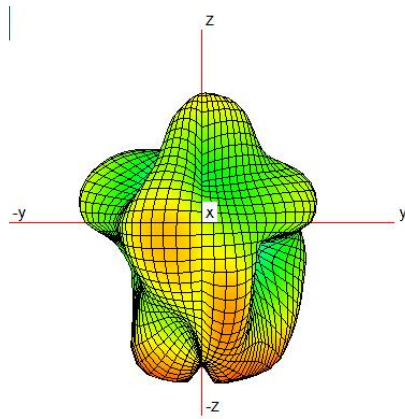
WIFI 0

Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	1.624	36.028
2410	1.729	35.475
2420	1.304	34.746
2430	0.718	34.469
2440	0.604	33.981
2450	0.929	35.286
2460	0.510	35.797
2470	0.204	35.657
2480	0.505	35.255
2490	0.778	35.739
2500	0.496	35.652

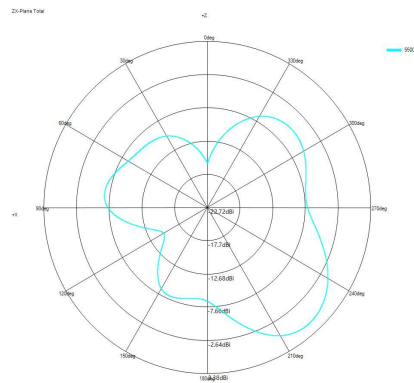
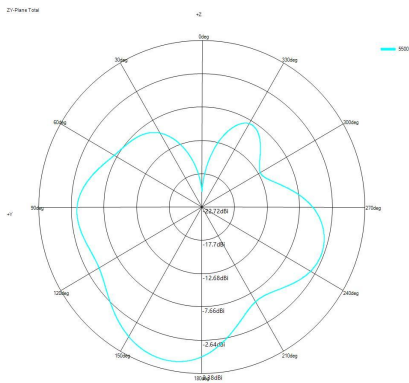
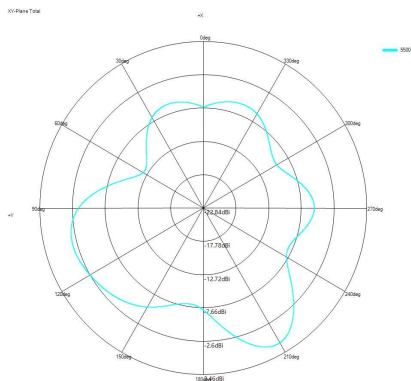
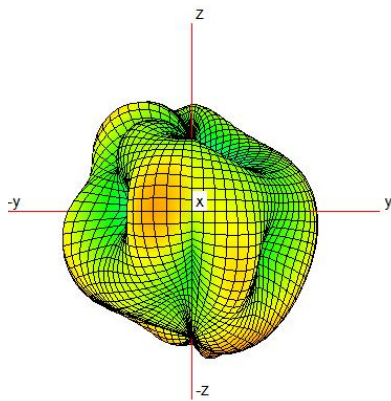
Freq (MHz)	Gain (dBi)	Efficiency (%)
5150	0.26	34.34
5200	-0.12	33.41
5250	-0.11	32.30
5300	0.38	34.15
5350	1.07	32.03
5400	1.87	30.62
5450	2.21	34.23
5500	2.32	31.62
5550	2.18	34.69
5600	2.21	32.31
5650	3.30	33.15
5700	3.02	32.69
5750	2.80	34.83
5800	3.07	34.46
5850	3.52	35.89

● 3D Directional Pattern

2500MHZ



5500MHZ



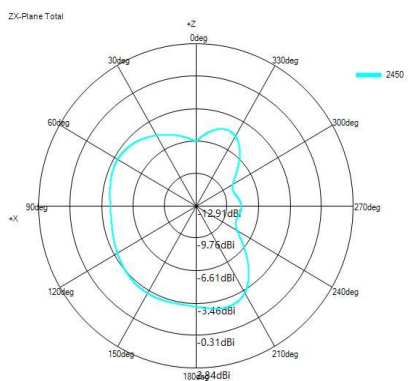
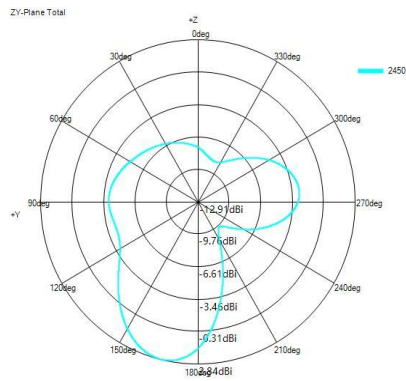
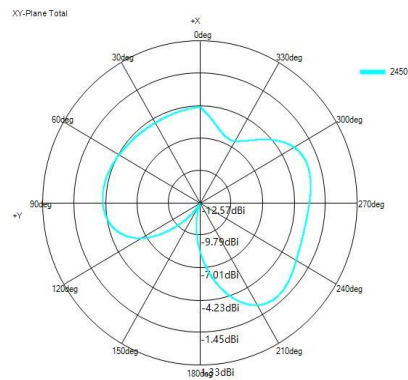
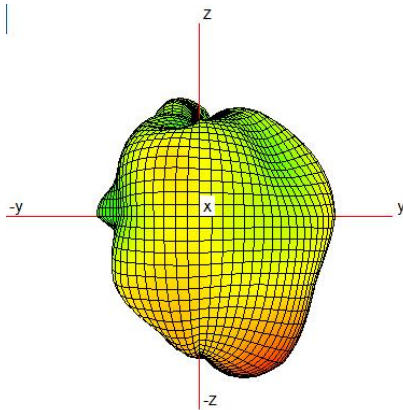
WIFI 1

Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	1.10	39.28
2410	0.96	36.73
2420	1.23	35.09
2430	1.45	35.48
2440	1.13	36.09
2450	1.32	35.87
2460	1.82	34.59
2470	2.04	34.25
2480	1.67	33.67
2490	1.62	32.39
2500	1.84	30.43

Freq (MHz)	Gain (dBi)	Efficiency (%)
5150	3.73	44.09
5200	3.86	44.63
5250	3.99	44.07
5300	3.97	44.75
5350	3.30	40.62
5400	3.31	38.92
5450	3.13	40.79
5500	3.74	37.53
5550	3.23	36.49
5600	2.17	31.26
5650	2.54	31.97
5700	2.63	32.53
5750	1.95	30.37
5800	1.16	26.49
5850	1.55	27.50

● 3D Directional Pattern

2400MHZ



5500MHZ

