

	Date 10/17/2025	Version No. A
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深圳市海德门电子有限公司

Shenzhen Haideman Electronics Co., LTD

产品规格书

PRODUCT SPECIFICATION

客户 Customer	商米
产品料号 Product Material Code	TFPD05H38570031
工作频段 Working Band	GPS/WIFI2.4g/5g/BT
发行日期 Issue Date	2025-10-17
发行版本 Release Version	A
作者 Author	汪龙

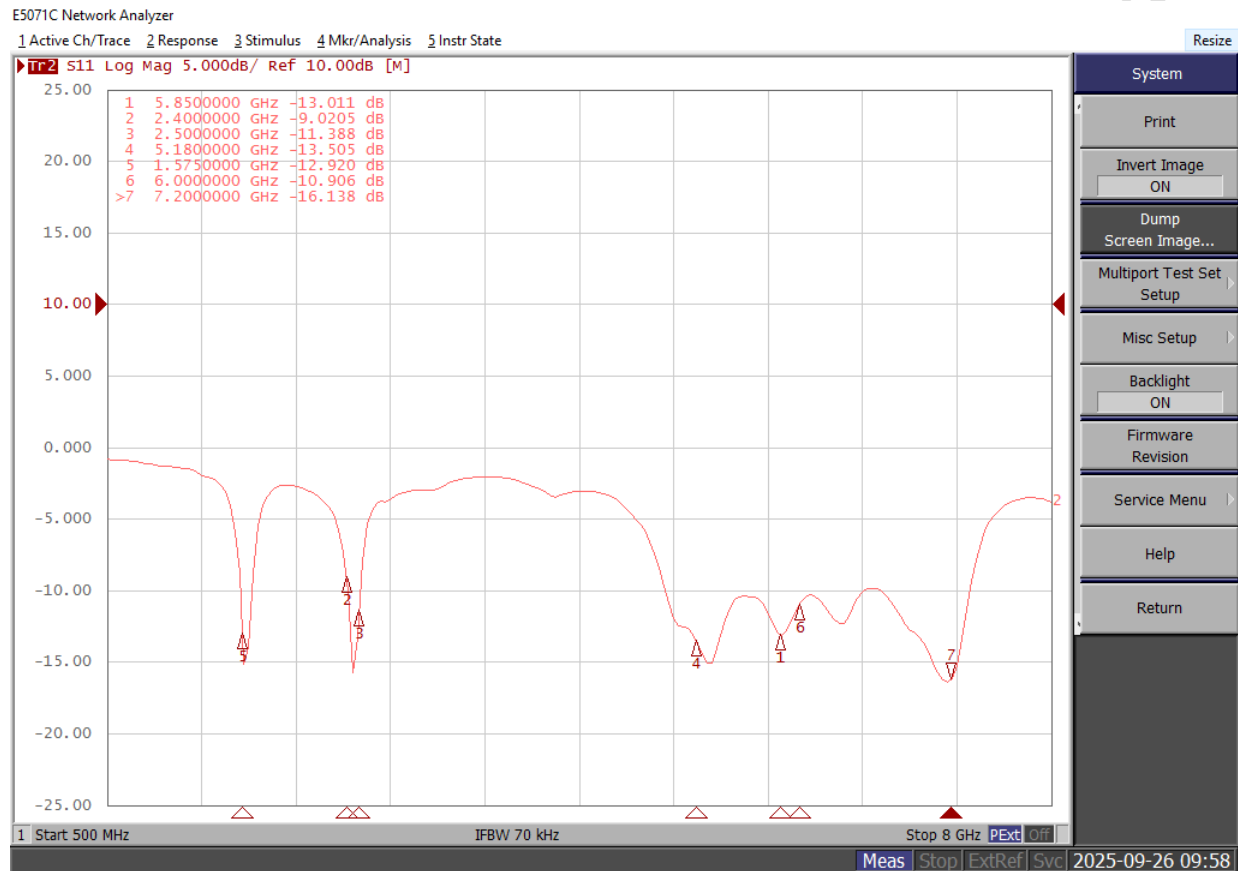
	Date 10/17/2025	Version No. A
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1 产品图片 (Product picture)



2 产品电性能参数 (PRODUCT ELECTRICAL PERFORMANCE PARAMETE

2.1 反射损耗 (S11)



2.2 效率、增益 (Efficiency/Gain)

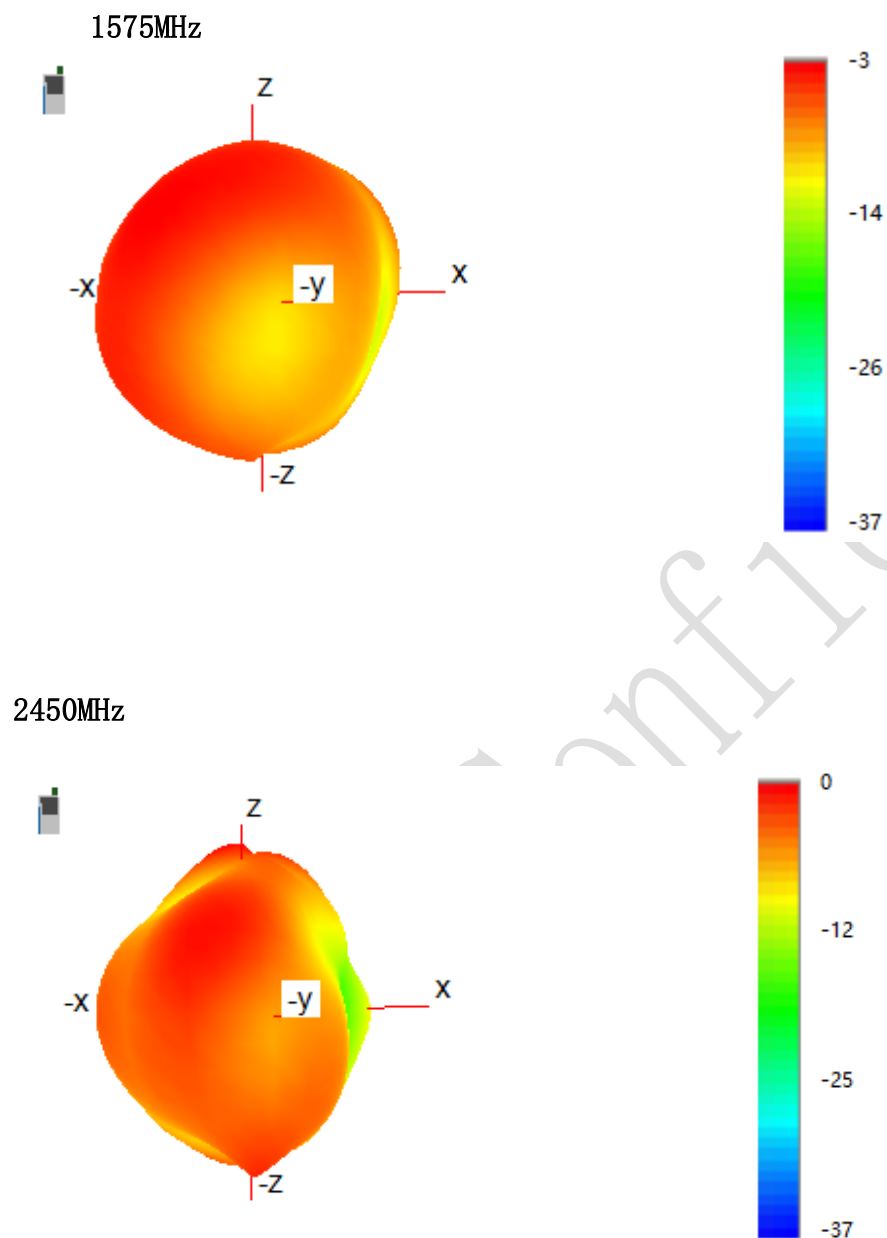
Freq(MHz)	Efficiency _dB	Gain_dBi	Freq(MHz)	Efficiency _dB	Gain_dBi	Freq(MHz)	Efficiency _dB	Gain_dBi
1515	-7.76	-4.47	5100	-5.34	-0.95	6150	-5.5	-0.52
1525	-7.14	-3.99	5150	-5.05	-0.46	6200	-5.41	-1.12
1535	-6.57	-3.2	5200	-5.48	-1.93	6250	-5.68	-1.78
1545	-6.18	-2.7	5250	-5.26	-2.84	6300	-5.57	-1.08
1555	-5.87	-2.36	5300	-5.06	-2.54	6350	-5.13	-0.27
1565	-5.53	-2.17	5350	-4.95	-1.51	6400	-5.08	-0.01
1575	-5.18	-2.06	5400	-5.85	-1.98	6450	-5.28	0.13
1585	-5.2	-1.31	5450	-5.88	-2.09	6500	-5.15	0.35
1595	-5.48	-1.6	5500	-5.47	-1.87	6550	-4.66	0.55
1605	-5.71	-1.92	5550	-5.12	-1.5	6600	-4.58	0.46
2400	-4.95	0.1	5600	-5.92	-2.02	6650	-4.99	0.47
2410	-4.99	-0.14	5650	-5.39	-1.44	6700	-5.35	0.58
2420	-5.13	-0.49	5700	-5.25	-1.13	6750	-5.22	1.01
2430	-5.38	-0.94	5750	-5.75	-1.65	6800	-4.92	1.21
2440	-5.17	0.4	5800	-5.71	-1.77	6850	-4.91	0.72
2450	-5.08	0.26	5850	-4.89	-0.02	6900	-5.25	0.17
2460	-4.94	0.14	5900	-4.82	0.25	6950	-5.2	0.07
2470	-4.73	0.25	5950	-4.88	0.03	7000	-5.07	0.53
2480	-4.51	0.35	6000	-4.74	-0.51	7050	-5.08	0.34
2490	-4.41	0.36	6050	-5.4	-0.12	7100	-5.03	0.43
2500	-4.64	0.04	6100	-5.36	-0.01	7150	-5.38	0.64

2.3 OTA

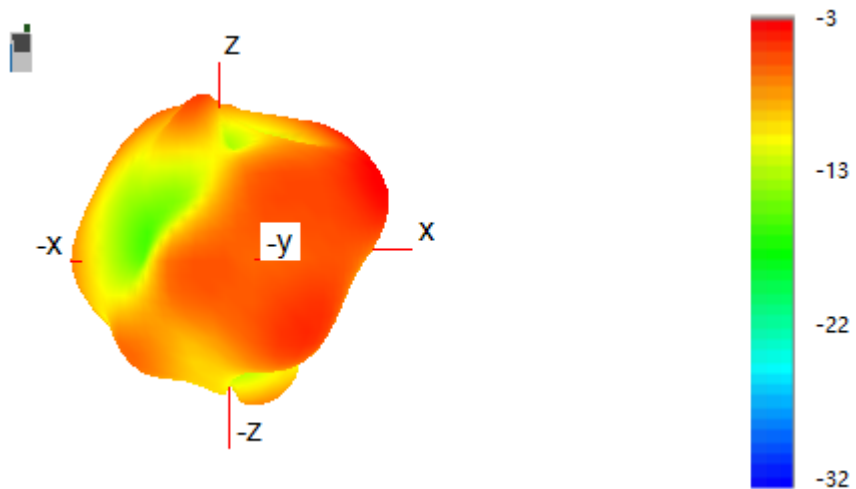
Band	CH	ANTO		MIMO	
		TRP	TIS	TRP	TIS
11b/11M	1	11.92	-80.08		
	7	12.22	-81.5		
	13	12.7	-81.69		
11g/54M	1	8.73	-67.43	12.87	-70.15
	7	9.77	-68.24	13.54	-71.29
	13	10.18	-68.41	13.88	-70.27
11a/54M	36	10.59	-66.67	14.16	-70.39
	64	10.48	-65.81	14.68	-70.11
	165	9.18	-65.4	12.51	-68.9

Band	CH	TIS
GPS	0	-155.07

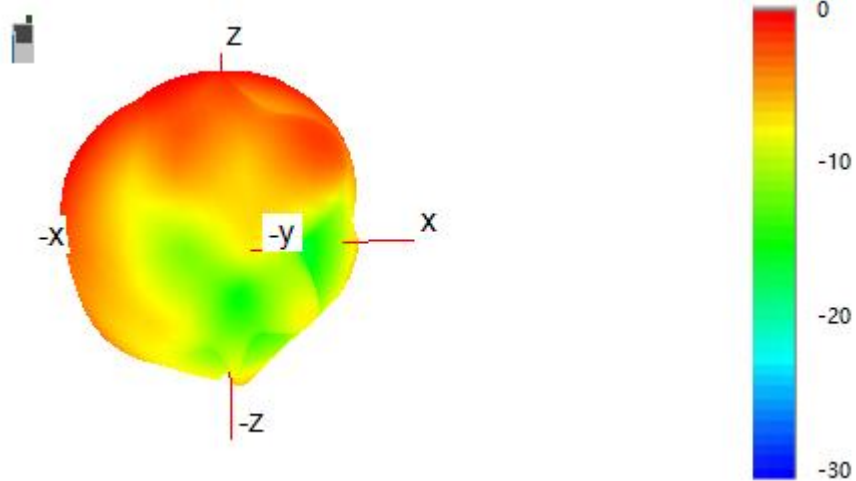
2.4 方向性图 (Directivity Diagram)



5500MHz



6500MHz



3 产品尺寸 (Product dimensions)

