

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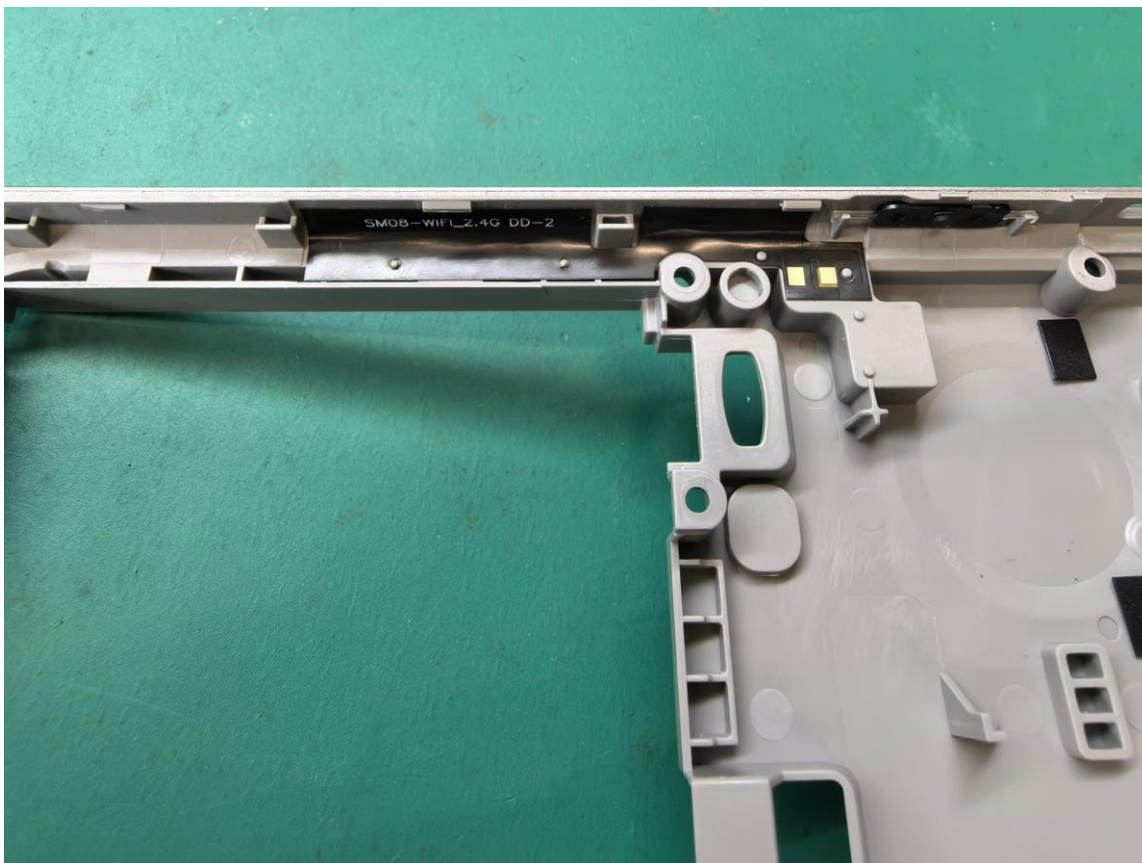
深圳市海德门电子有限公司

Shenzhen Haideman Electronics Co., LTD

产品规格书 PRODUCT SPECIFICATION

客户 Customer	商米
产品料号 Product Material Code	TFPD05H38570021
工作频段 Working Band	WIFI MIMO
发行日期 Issue Date	2025-10-17
发行版本 Release Version	A
作者 Author	汪龙

1 产品图片 (Product picture)



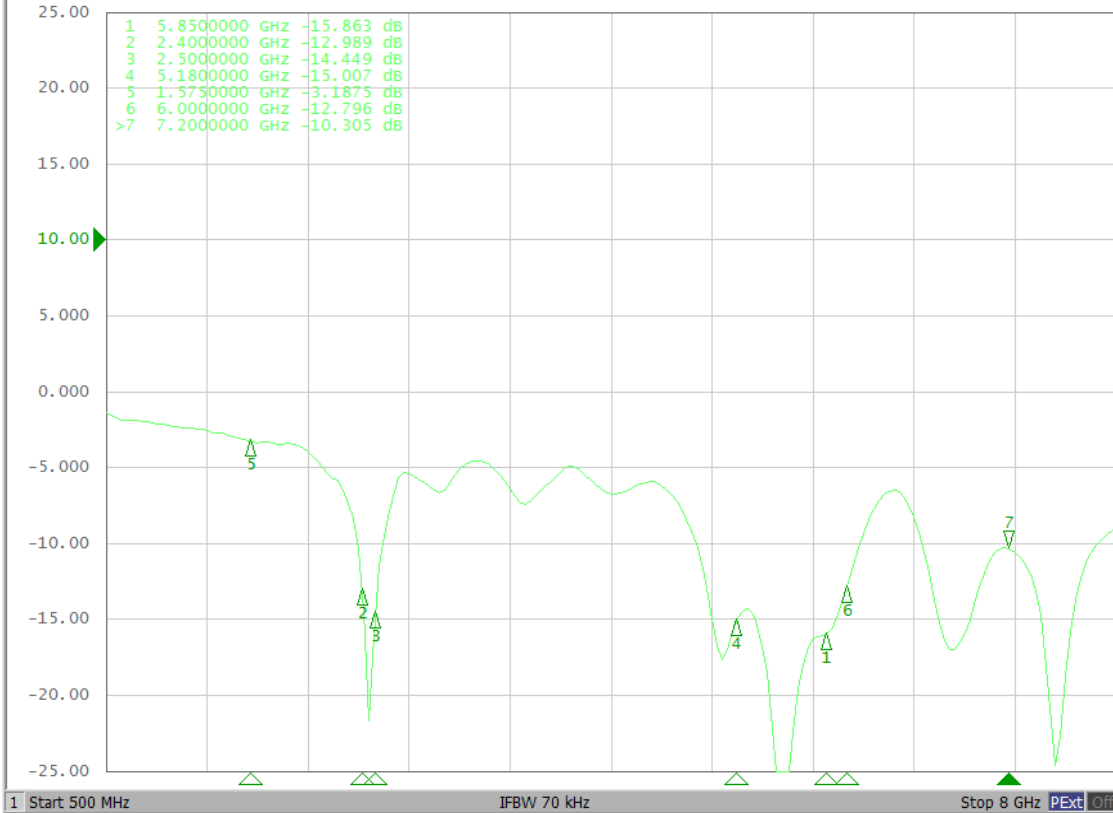
2 产品电性能参数 (PRODUCT ELECTRICAL PERFORMANCE PARAMETE

2.1 反射损耗 (S11)

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

▶ Tr3 S11 Log Mag 5.000dB/ Ref 10.00dB [M]



Resize

System

Print

Invert Image
ON

Dump
Screen Image...

Multiport Test Set
Setup

Misc Setup

Backlight
ON

Firmware
Revision

Service Menu

Help

Return

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2.2 效率、增益 (Efficiency/Gain)

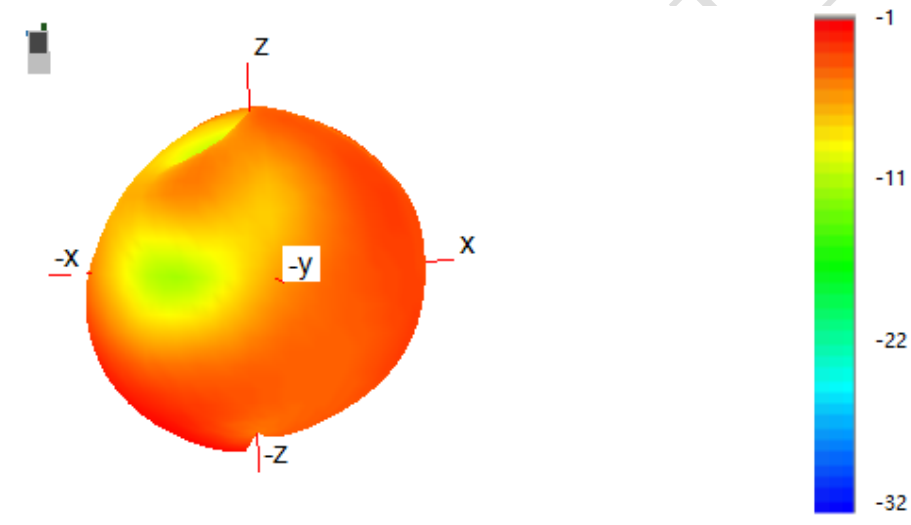
Freq (MHz)	Efficiency_dB	Gain_dBi	Freq (MHz)	Efficiency_dB	Gain_dBi
2400	-4.73	-0.11	5850	-7.77	-3.23
2410	-4.51	0.22	5900	-8.08	-3.55
2420	-4.29	0.08	5950	-8.11	-3.71
2430	-4.35	0.1	6000	-8.51	-3.84
2440	-4.4	0.13	6050	-8.81	-3.38
2450	-4.38	0.09	6100	-9.02	-3.42
2460	-4.48	0.18	6150	-9.36	-3.82
2470	-4.45	-0.02	6200	-9.28	-4.01
2480	-4.71	-0.2	6250	-9.67	-4.81
2490	-4.66	-0.02	6300	-10.1	-5.66
2500	-4.48	0.88	6350	-10.62	-5.32
5100	-5.71	-1.39	6400	-10.91	-5.31
5150	-5.23	-0.57	6450	-11.21	-6.3
5200	-5.9	-0.8	6500	-11.12	-6.86
5250	-5.67	-0.21	6550	-10.08	-4.89
5300	-5.31	0.23	6600	-9.73	-3.78
5350	-5.2	0.16	6650	-10.35	-4.67
5400	-5.47	-0.26	6700	-10.6	-4.81
5450	-5.45	-0.62	6750	-10.17	-4.04
5500	-6.18	-0.48	6800	-9.17	-2.77
5550	-6.89	0.54	6850	-8.55	-1.84
5600	-6.74	0.17	6900	-8.29	-1.31
5650	-6.66	0.2	6950	-7.81	-1.01
5700	-6.99	-0.37	7000	-7.29	-0.61
5750	-7.77	-1.79	7050	-7.04	-0.11
5800	-7.39	-3.38	7100	-6.83	0.09
			7150	-6.87	-0.15

2.3 OTA

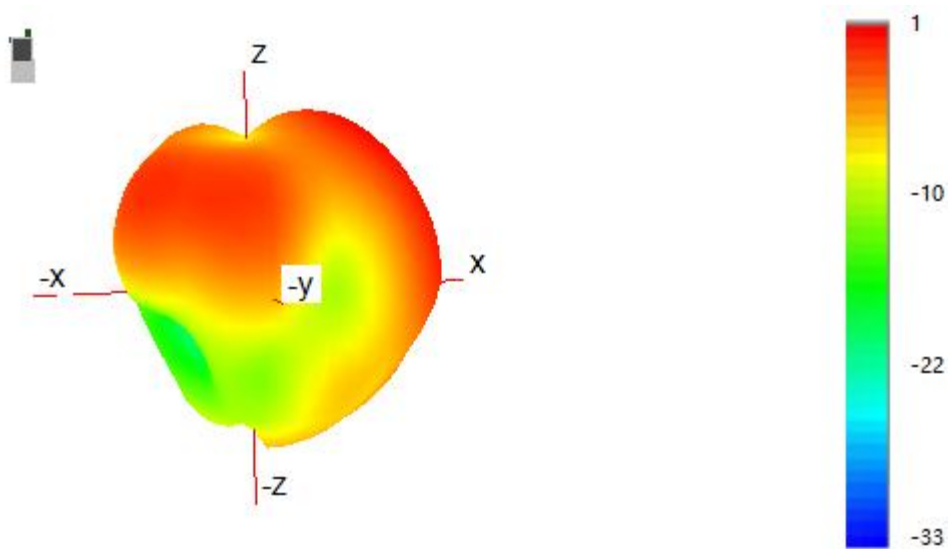
Band	CH	ANT1		MIMO	
		TRP	TIS	TRP	TIS
11b/11M	1	11.98	-82	/	/
	7	12.7	-83.1	/	/
	13	13.48	-83.85	/	/
11g/54M	1	10.14	-69.54	12.87	-70.15
	7	11.08	-70.04	13.54	-71.29
	13	11.1	-69.4	13.88	-70.27
11a/54M	36	11.54	-66.53	14.16	-70.39
	64	11.59	-66.92	14.68	-70.11
	165	8.28	-64.66	12.51	-68.9

2.4 方向性图 (Directivity Diagram)

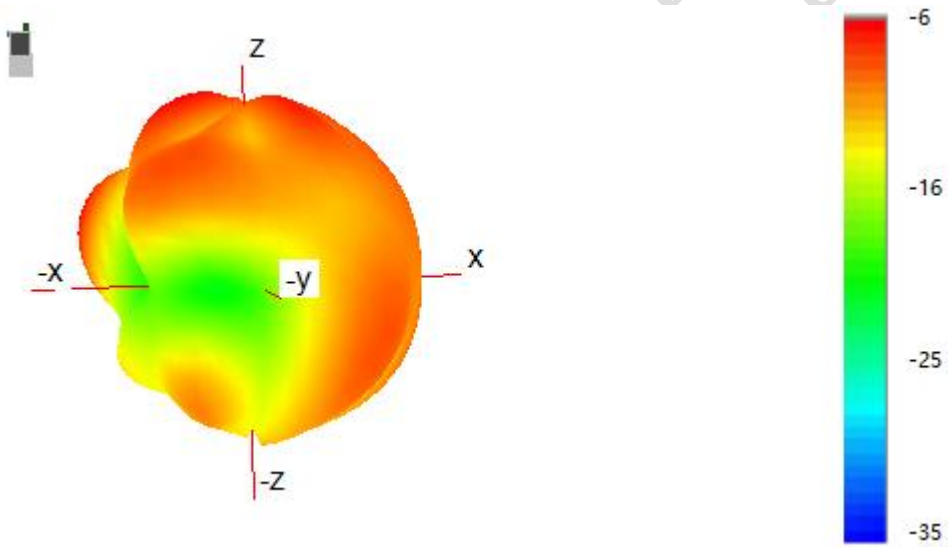
2450MHz



5500MHz



6500MHz



3 产品尺寸 (Product dimensions)

