

	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

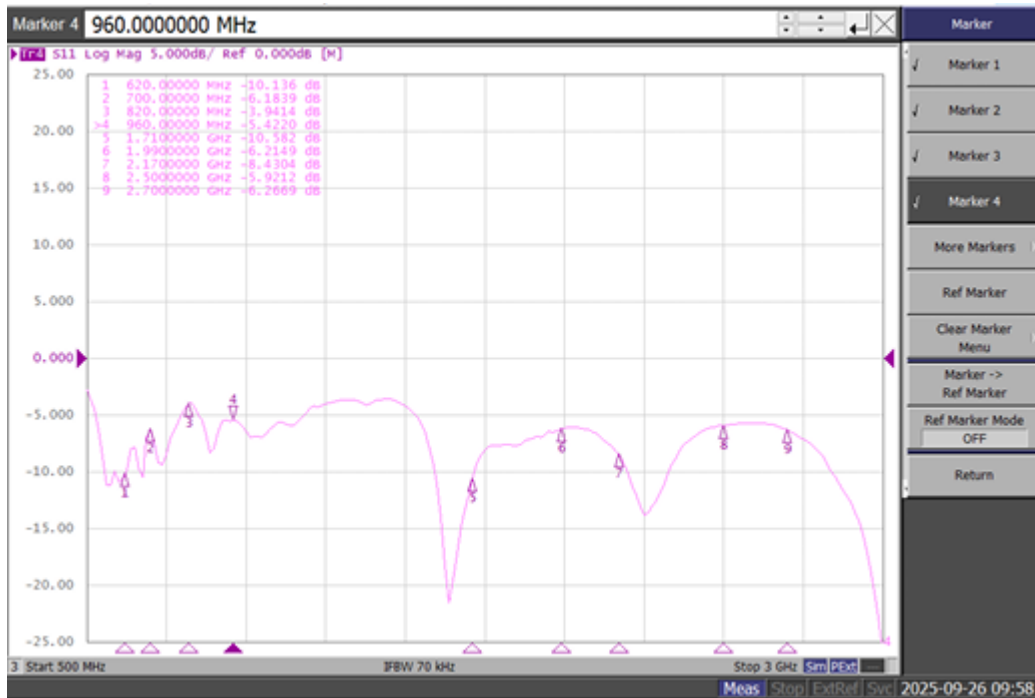
客户 Customer	商米
产品料号 Product Material Code	TFPD05H38570051
工作频段 Working Band	Main 600-2700MHz
发行日期 Issue Date	2025-10-17
发行版本 Release Version	A
作者 Author	汪龙

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)



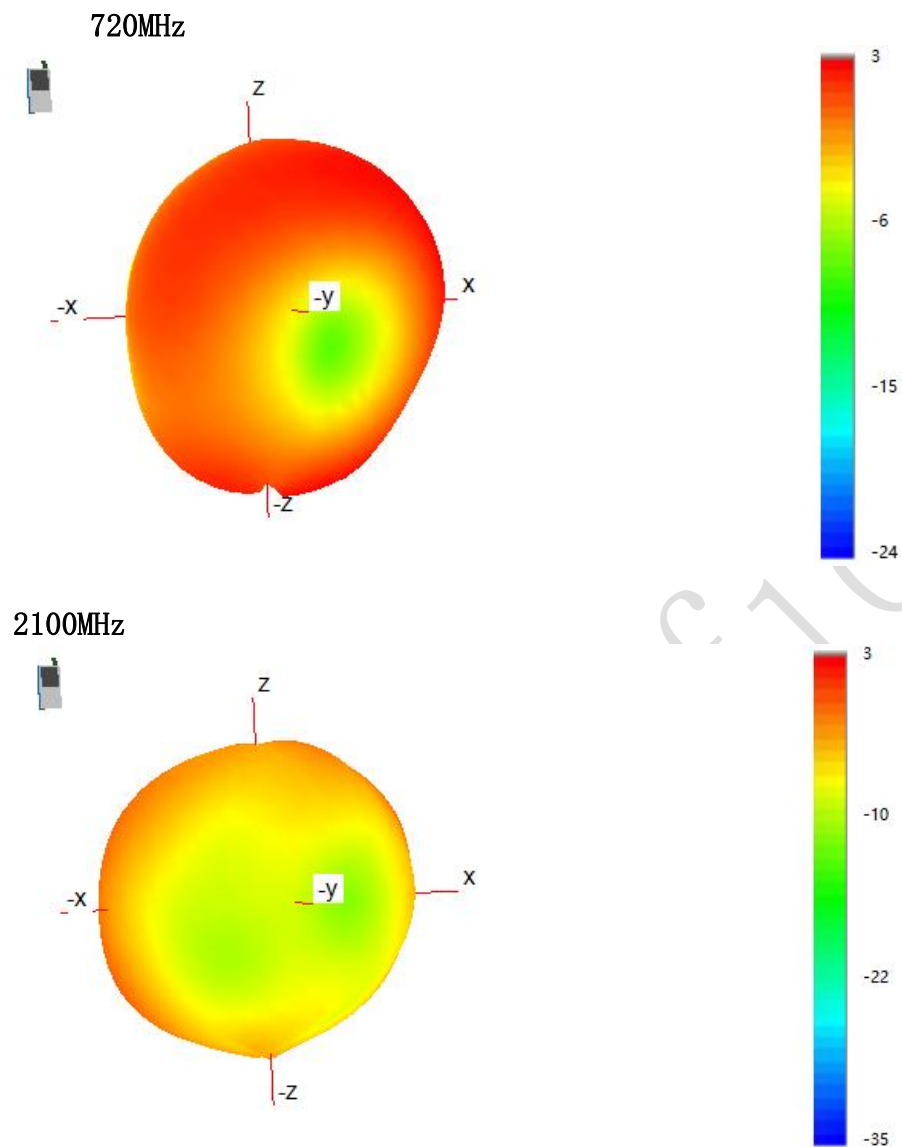
2.2 效率、增益 (Efficiency/Gain)

Freq (MHz)	Efficiency_dB	Gain_dBi	Freq (MHz)	Efficiency_dB	Gain_dBi	Freq (MHz)	Efficiency_dB	Cain_dBi
600	-5.09	-1.38	1700	-3.74	0.61	2440	-3.44	2.59
610	-4.78	-0.95	1720	-4	0.54	2460	-3.58	2.62
620	-4.1	-0.07	1740	-4.27	0.52	2480	-3.58	2.74
630	-4.06	0.23	1760	-4.3	0.28	2500	-3.82	2.52
640	-4.96	-0.44	1780	-4.47	-0.1	2520	-3.63	2.59
050	-6.17	-1.61	1800	-4.5	-0.23	2540	-3.27	2.84
660	-6.96	-2.65	1820	-4.6	-0.67	2560	-3.08	2.8
670	-7.46	-3.36	1840	-4.77	-0.68	2580	-2.85	2.65
680	-7.56	-3.56	1860	-4.89	-0.83	2600	-2.95	2.21
690	-7.95	-3.75	1880	-4.77	-0.46	2620	-2.69	2.09
700	-8.81	-4.49	1900	-4.03	0.18	2640	-2.67	1.88
710	-8.12	-3.87	1920	-3.67	0.48	2660	-2.55	1.92
720	-7.3	-3.2	1940	-3.62	0.37	2680	-2.48	1.87
730	-6.84	-2.91	1960	-3.5	0.47	2700	-2.56	1.8
740	-6.16	-2.55	1980	-3.44	0.86			
750	-5.48	-2.29	2000	-3.24	1.37			
760	-4.96	-2.08	2020	-3.12	1.76			
770	-4.24	-1.22	2040	-2.96	2.04			
780	2.92	0.56	2060	2.81	2.1			
790	-2.15	1.66	2080	-2.56	2.48			
800	-1.53	2.28	2100	-2.29	2.77			
810	-1.32	2.31	2120	-2.04	3.1			
820	-1.39	2.3	2140	-2.11	3.28			
830	-1.46	2.42	2160	-2.43	3.22			
840	-1.95	1.85	2180	-2.5	3.24			
850	-2.43	1.4	2200	-2.69	3.04			
860	-2.83	0.89	2220	-3.06	2.52			
870	-2.84	0.92	2240	-3.33	2.02			
880	-2.97	0.76	2260	-3.28	1.96			
890	-3.08	0.51	2280	-3.09	1.85			
900	-3.09	0.28	2300	-3.23	1.73			
910	-2.88	0.46	2320	-3.37	1.74			
920	-2.97	0.26	2340	-3.56	1.61			
930	-3.18	0.28	2360	-3.56	1.65			
940	-3.43	0.34	2380	-3.64	1.68			
950	-3.62	0.29	2400	-3.56	1.91			
960	-3.82	0.28	2420	-3.47	2.26			

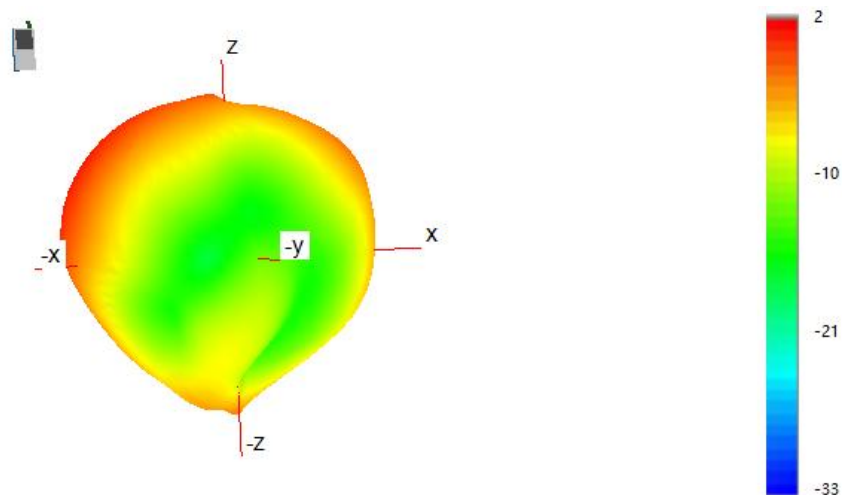
2.3 OTA

Band	CH	TRP	TIS	Band	CH	TRP	TIS	Band	CH	TRP	TIS
G850	128	26.65		B1	18050	19.08		B20	24200	18.85	
	190	26.77			18300	18.84			24300	18.82	
	251	27.31	-105.1		18550	18.71	-97.81		24400	18.8	-92.71
G900	975	28.44		B2	18650	18.77		B25	26090	18.74	
	38	29.05			18900	19.03			26365	18.95	
	124	29.61	-102.1		19150	18.73	-98		26640	18.1	-97.97
G1800	512	25.95		B3	19250	18.14		B26	26740	16.85	
	699	26.55			19575	18.31			26865	17.97	
	885	27.28	-105.5		19900	17.31	-96.06		26990	18.43	-95.76
G1900	512	27.12		B4	20000	19.4		B28	27260	20.19	
	661	27.26			20175	19.91			27435	20.57	
	810	27.71	-106.9		20350	19.93	-99.24		27610	20.53	-95.25
W1	9612	17.8		B5	20450	21		B30			
	9750	18.34			20525	20.01			27710	19.93	-97.1
	9888	18.28	-108		20600	18.94	-95.37				
W2	9262	17.9		B7	20850	17.46		B34	36250	19.26	
	9400	17.71			21100	18.53			36275	19.33	
	9538	17.81	-107.1		21350	18.34	-95.37		36300	19.55	-96.45
W4	1312	18.69		B8	21500	19.68		B38	37850	18.82	
	1412	19.78			21625	19.19			38000	19.23	
	1513	18.85	-108.2		21750	19.42	-93.57		38150	19.44	-93.01
W5	4132	17.15		B12	23060	19.32		B39	38350	18.42	
	4185	18.6			23095	19.55			38450	18	
	4233	18.89	-106.1		23130	19.62	-93.88		38550	18.5	-92.7
W6	4162	18.03		B13				B40	38750	19.75	
	4175	18.32			23230	19.16	-91.51		39150	19.47	
	4188	18.5	-106.4						39550	19.08	-93.43
W8	2712	19.33		B17	23780	19.42		B41	40340	18.6	
	2788	19.85			23790	19.65			40740	19.75	
	2863	19.38	-104.9		23800	19.89	-93.3		41140	19.6	-94.62
				B18	23900	16.62		B66	132022	19.57	
					23925	16.95			132322	20.23	
					23950	17.24	-92.48		132622	19.8	-99.79
				B19	24050	18.42		B71	133172	19.51	
					24075	19.02			133297	18.79	
					24100	18.8	-93.74		133422	19.04	-90.04

2.4 方向性图 (Directivity Diagram)



2500MHz



3 产品尺寸 (Product dimensions)

