

DONGGUAN IPD INDUSTRIAL CO., LTD

APPROVAL SHEET

客 户 (Customer)			
日 期 (Date)	2026-01-06		
品名规格 (Description)	IPEX-1.37 (Black) 2.4G Internal FPC Antenna (34x12) - Cable Length 65mm		
料 号 (Part No.)	Y010.0424		
Supplier Acknowledgment and Seal:			
工 程 ENGINEERING DEPARTMENT	品 保 QC DEPARTMENT	业 务 SALES DEPARTMENT	
江荣祯	徐晓萱	江建国	
Customer Acknowledgment (Signature/Seal):			
工 程 ENGINEERING DEPARTMENT	品 保 QC DEPARTMENT	生 产 MANUFACTORY DEPARTMENT	采 购 PURCHASING DEPARTMENT
批示: ☐ 接受 ☐ 有条件接受 Instructions: ☐ accepted ☐ conditional acceptance			
备注: (Remakes)			

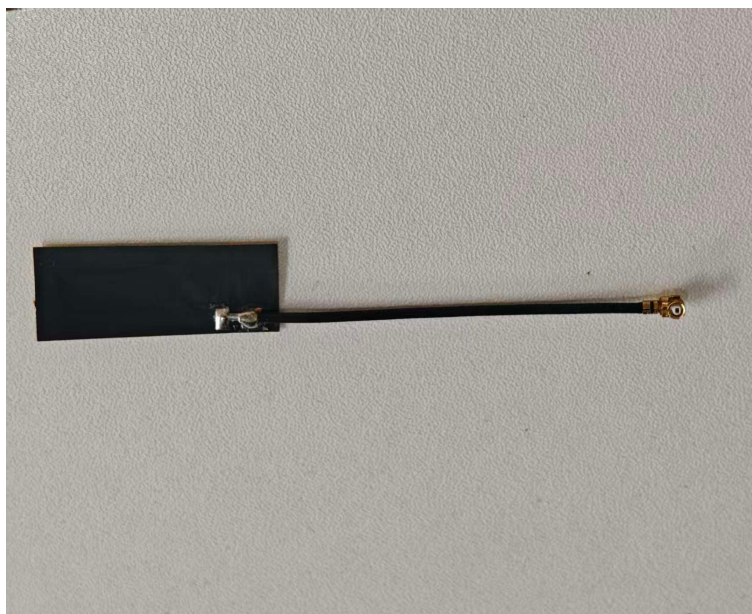
※ 感谢给予敝公司送样承认之机会. 如惠蒙承认通过, 烦请将此表签回敝公司.

OWE GRATITUDE TO GIVE US THE OPPORTUNITY OF SAMPLE APPROVAL. PLEASE RETURN THIS FROM TO US AFTER YOURS ACCEPT.

Electrical Specifications

电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500MHZ	Frequency Range	2400-2500MHZ
增益	≤3DBi	Gain	≤3DBi
电压驻波比	≤2.0	VSWR	≤2.0
特性阻抗	50 Ω	Characteristic Impedance	50 Ω
机 械 指 标		Mechanical Specifications	
连接器接口	IPEX	Antenna Color	IPEX
线材	1.37	Cable	1.37
线材颜色	黑色	Cable Color	Black
接口形式	焊接	Input connector	Welding
FPC尺寸	34*12MM	FPC size	34*12MM
工作温度	-45℃~+85℃	Working Temperature	-45℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%

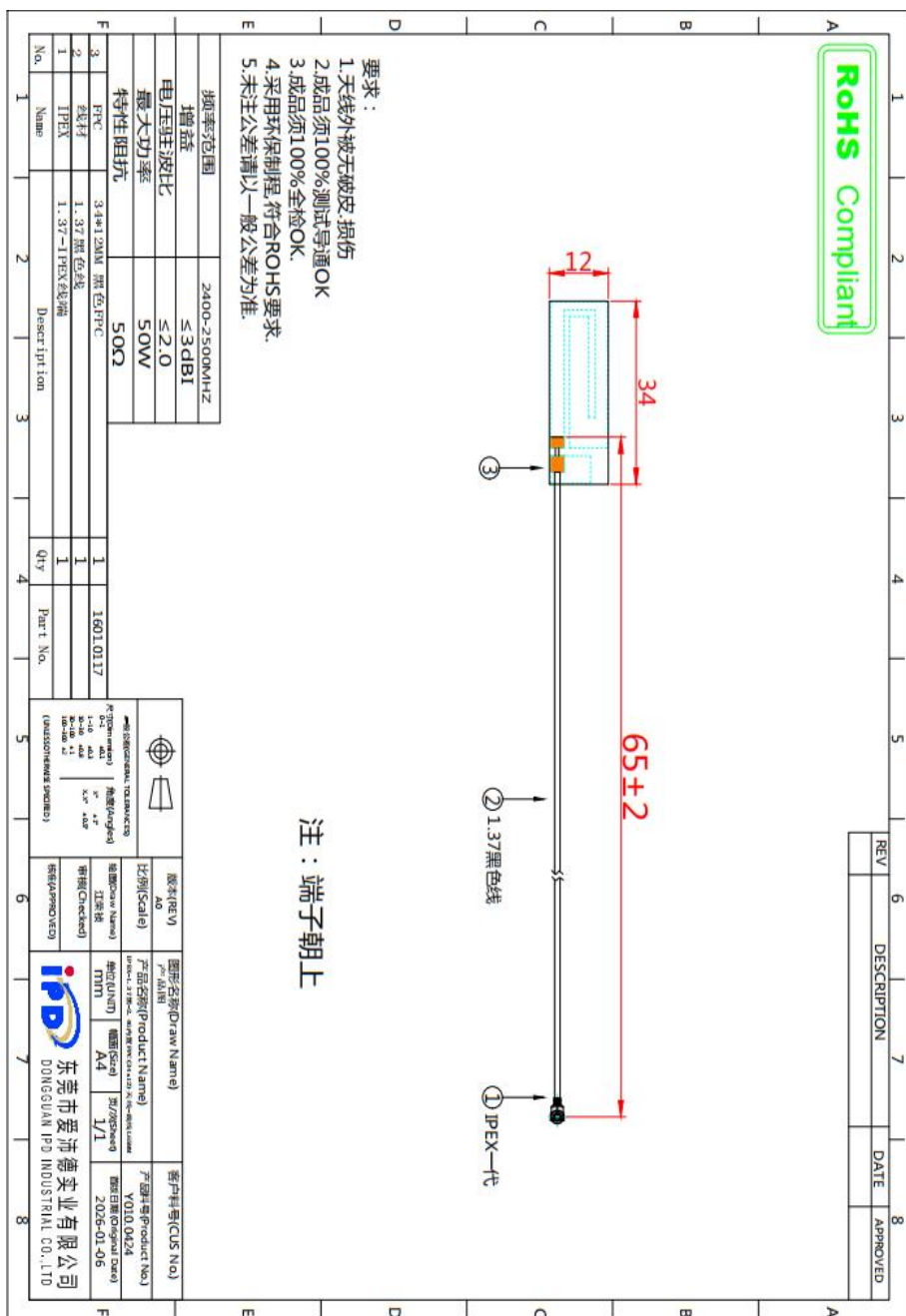
实物参考图:





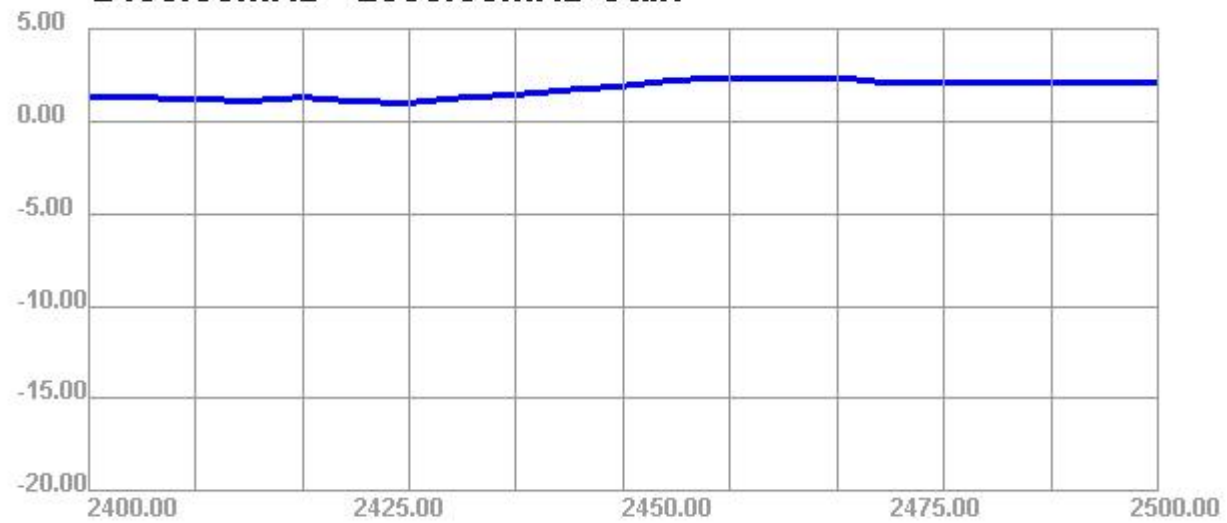
2D工程图:

2D Engineering Drawing:



Passive Test For 2.4G										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	55.56	-2.55	1.28	-0.87	31.48	24.079	1.28	-18.99	46.87	46.67
2405	58.01	-2.36	1.27	-0.88	32.9	25.111	1.27	-19.34	46.86	46.71
2410	58.04	-2.36	1.2	-0.95	33.023	25.017	1.2	-19.13	46.85	46.74
2415	58.28	-2.34	1.09	-1.06	33.321	24.963	1.09	-18.48	46.92	46.8
2420	59.89	-2.23	1.29	-0.86	34.453	25.434	1.29	-17.7	46.98	46.85
2425	56.7	-2.46	1.06	-1.09	32.759	23.937	1.06	-17.43	47.02	46.92
2430	56.4	-2.49	0.99	-1.16	32.719	23.677	0.99	-17.16	47.05	46.99
2435	59.97	-2.22	1.28	-0.87	34.998	24.969	1.28	-16.58	47.18	47.14
2440	61.05	-2.14	1.43	-0.72	35.747	25.304	1.43	-16.35	47.31	47.29
2445	64.76	-1.89	1.69	-0.46	37.987	26.775	1.69	-16.19	47.51	47.46
2450	68.41	-1.65	1.89	-0.26	40.077	28.337	1.89	-16.35	47.72	47.63
2455	71.66	-1.45	2.23	0.08	41.792	29.87	2.23	-16.7	47.74	47.65
2460	71.07	-1.48	2.32	0.17	41.313	29.76	2.32	-17.44	47.76	47.66
2465	70.6	-1.51	2.32	0.17	40.875	29.72	2.32	-18.14	47.74	47.59
2470	70.94	-1.49	2.36	0.21	40.981	29.961	2.36	-19.09	47.73	47.52
2475	66.84	-1.75	2.05	-0.1	38.637	28.201	2.05	-20.24	47.74	47.52
2480	68.3	-1.66	2.05	-0.1	39.713	28.59	2.05	-20.57	47.76	47.52
2485	69.11	-1.6	2.04	-0.11	40.418	28.693	2.04	-20.45	47.82	47.58
2490	70.76	-1.5	2.07	-0.08	41.59	29.174	2.07	-20	47.89	47.63
2495	71.45	-1.46	2.05	-0.1	42.122	29.323	2.05	-19.32	47.82	47.58
2500	71.68	-1.45	2.12	-0.03	42.217	29.466	2.12	-18.72	47.75	47.52

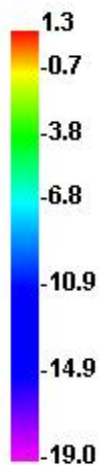
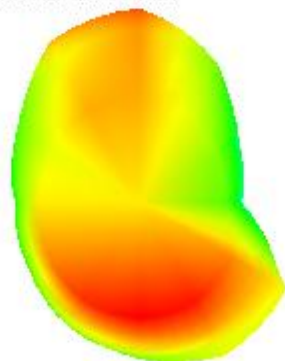
2400.00MHz - 2500.00MHz Gain



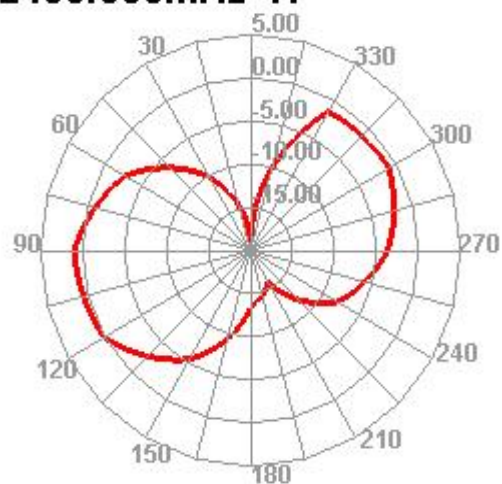
2400.00MHz - 2500.00MHz Efficiency



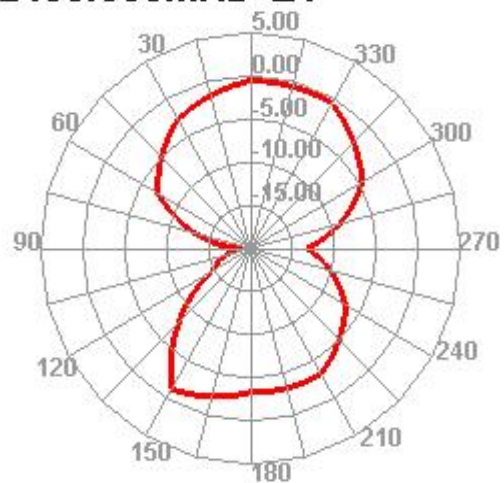
2400.000MHz



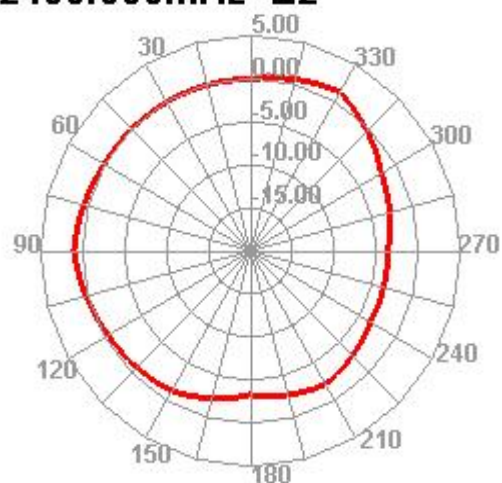
2400.000MHz H



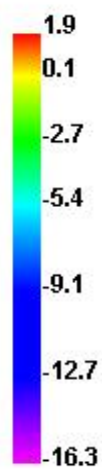
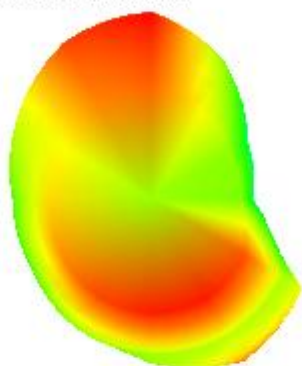
2400.000MHz E1



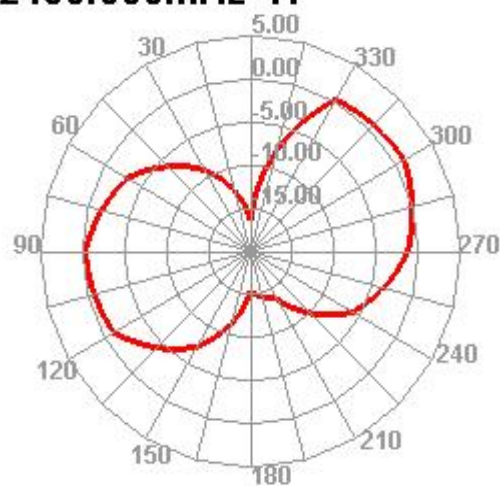
2400.000MHz E2



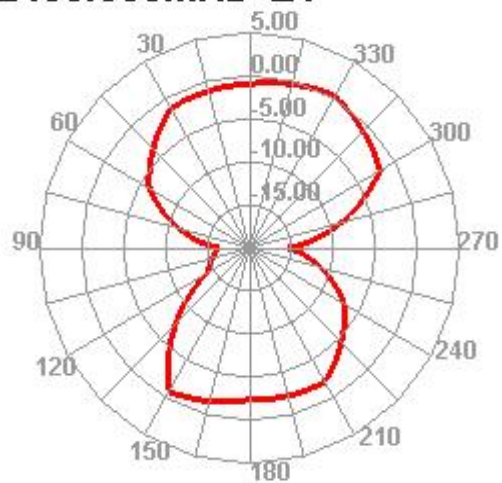
2450.000MHz



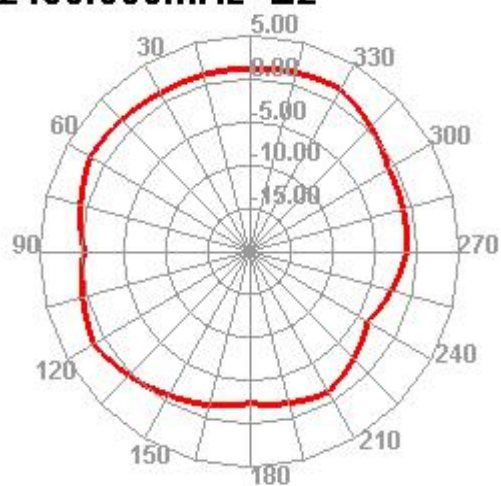
2450.000MHz H



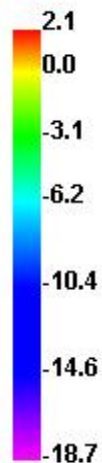
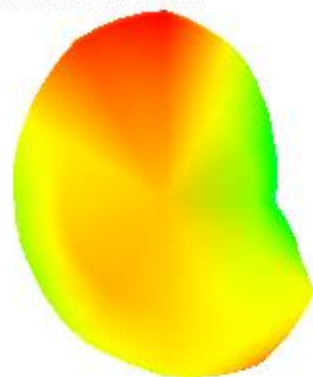
2450.000MHz E1



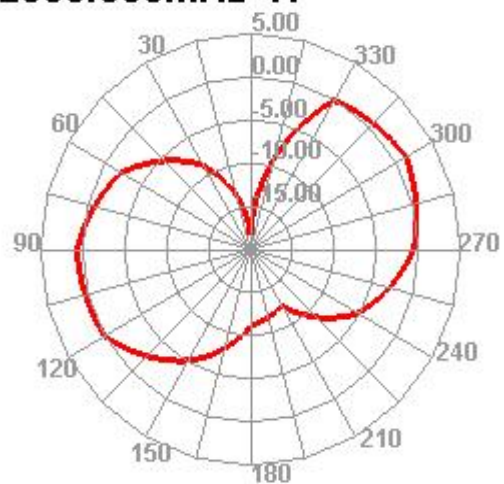
2450.000MHz E2



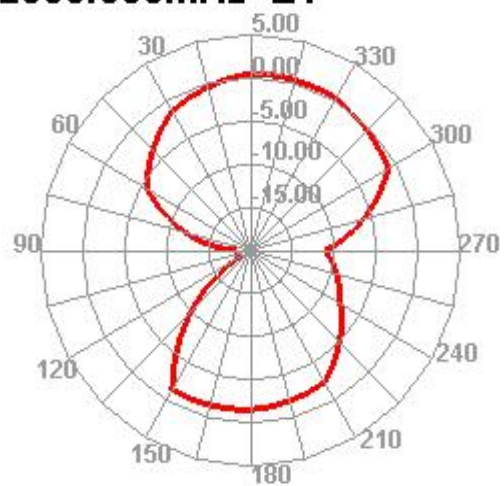
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

