



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2024040281

File No. _____

版本: 1.0

Revision _____

客户
CUSTOMER: 海能

客户料号
CUSTOMER NO: H272200000005

品名
PART NAME: WIFI 天线1.37黑色线1代端子L=225MM

供方料号
SUPPLIER NO: SL308P.300003.P01

送样日期 Date: 送样数量 Q'TY: PCS

客户确认 CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

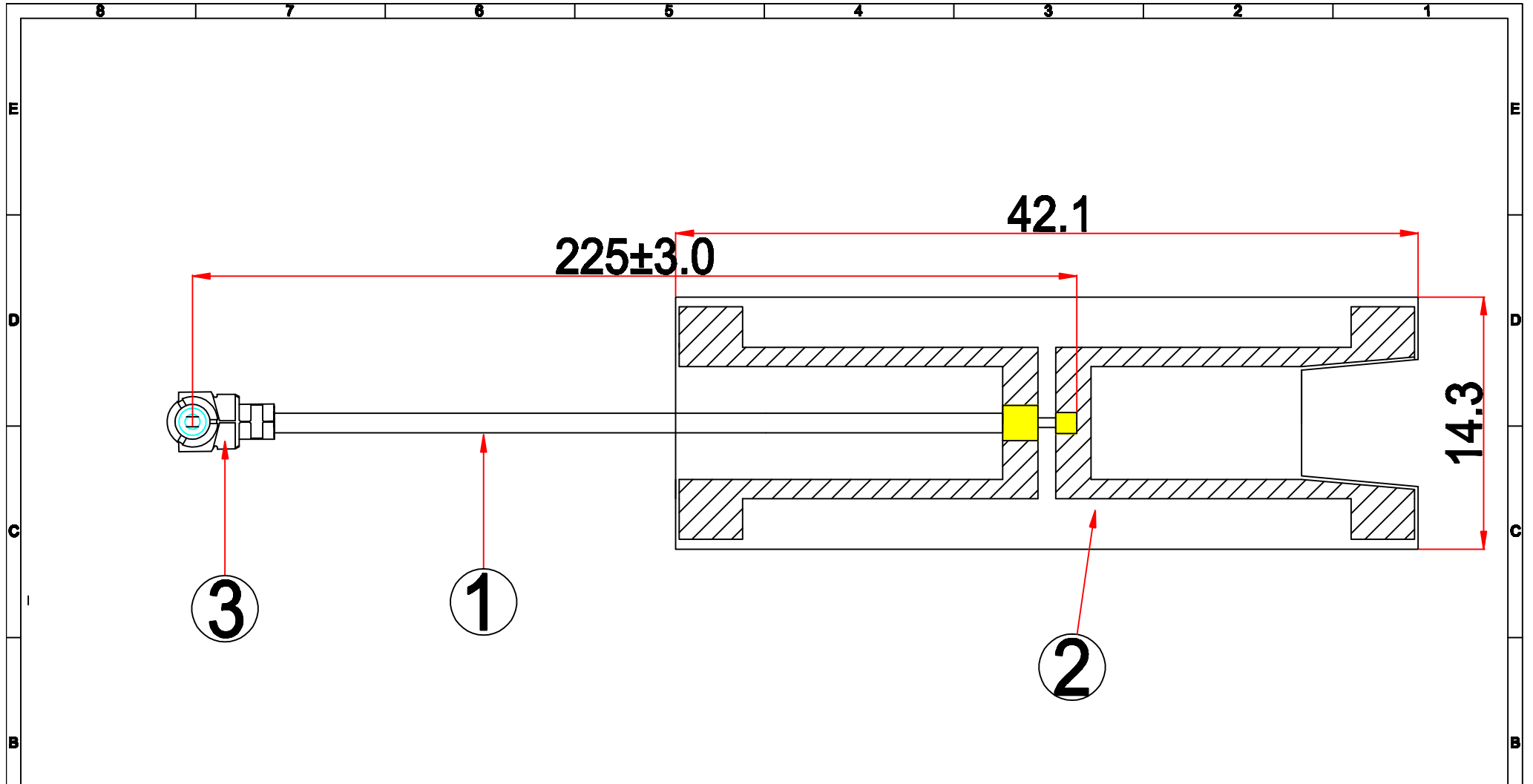
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A



承认书项目表

NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面	1	1
2	承认书项目表	1	2
3	工程成品图	1	3
4	电性测试报告	1	4
5	S参数测试	1	5
6	TIS TRP	1	6
7	增益效率	1	7
8	天线组装图	1	8
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-



3	MHF1代	O.D.1.37专用	1
2	PCB	42.1*14.3*1.0mm	1
1	Coaxial Cable	O.D.1.37 Black	1
NO	PART NAME	DESCRIPTION	Q.TY

 东莞市松汇实业有限公司 Dongguan Songhui Co., Ltd.			CUSTOMER			
			PART NO			
 TOLERANCE UNLESS OTHERWISE SPECIFIED			TITLE		2.4-5.8GHzAntenna L=225mm	
			S.H P/NO		SL308P.300003.P01	
UNIT:mm	ANGLES ±0.5°	X. ±2.0	SIZE	DRAWN	CHECKED	APPROVED
SHEET: 1/1	X.XX ±0.2	XX. ±5.0	A4	LUOYI	ZOUJIE	
SCALE: 1/1	X.X ±0.5	DATE:2024-04-27				



电性测试报告

Test Reports

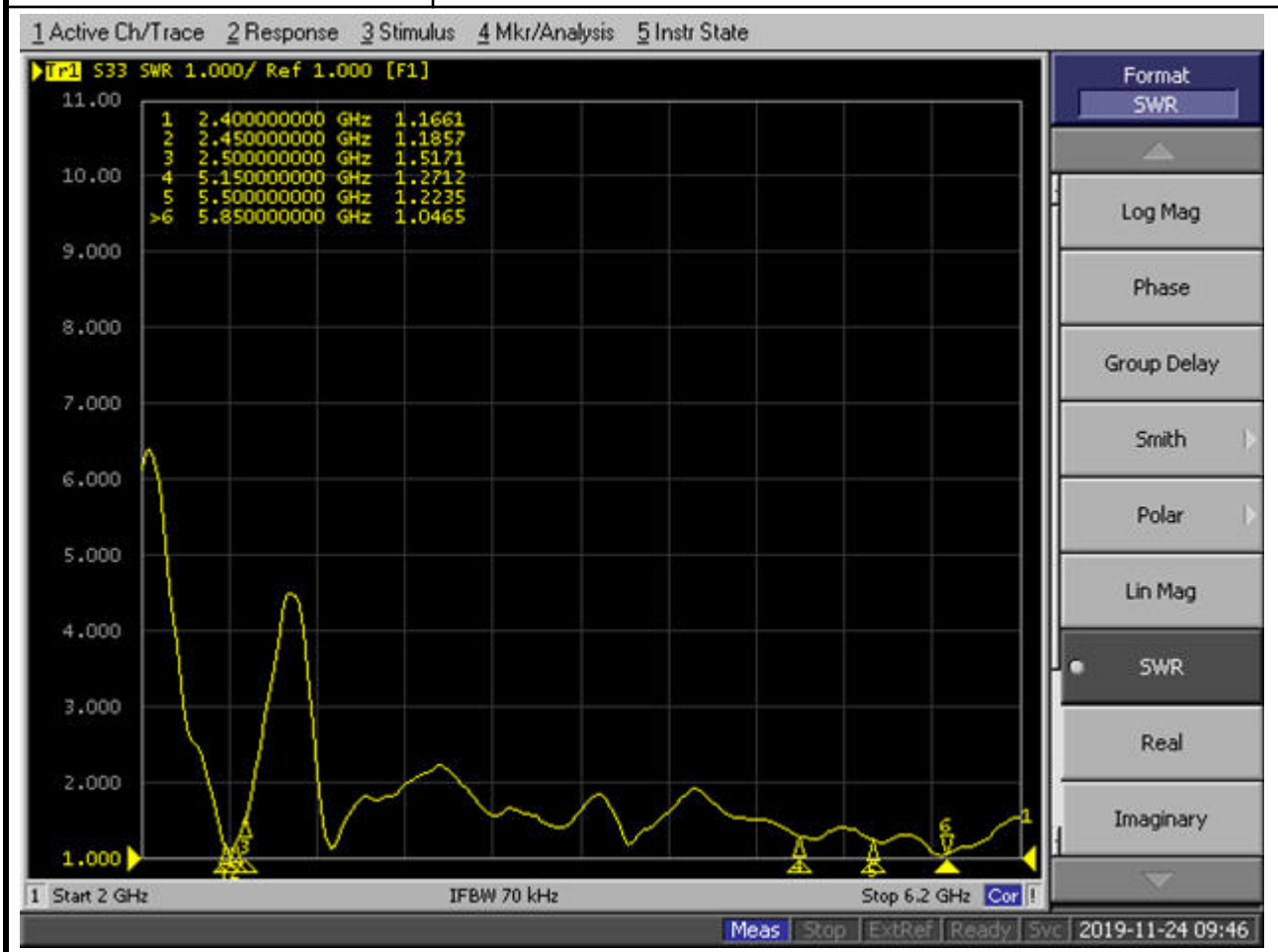
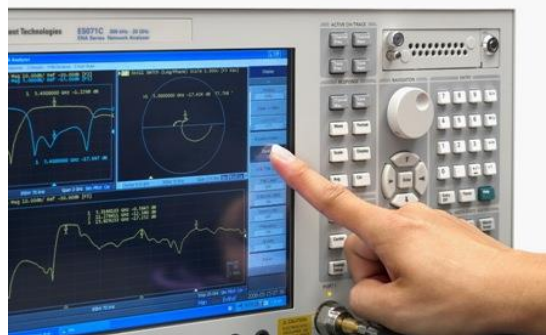
Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3dBi
Efficiency	>70%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF1
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 1.13mm // L=225mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black



S 参数测试

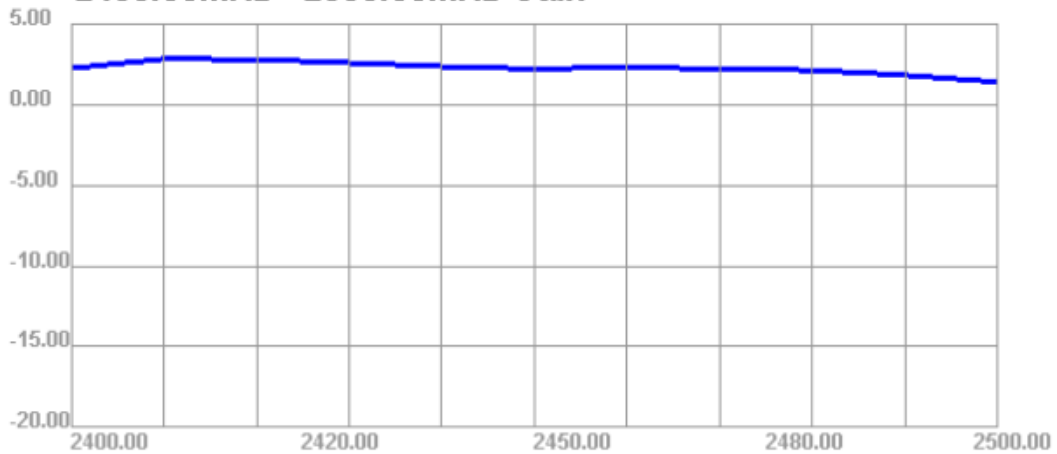
S Parameter Test

Agilent E5071C

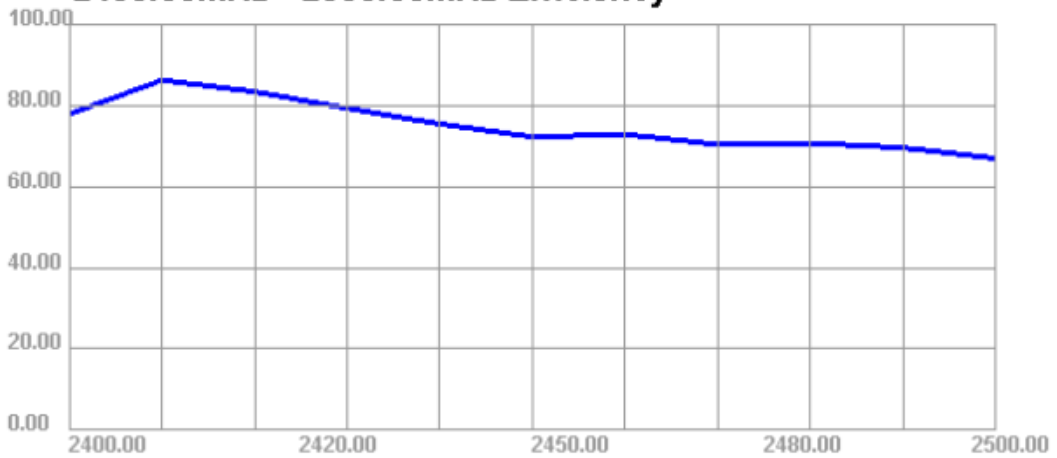


Passive Test For 2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	77.85	-1.09	2.25	0.1	38.375	39.471	2.25	-17.78	3.34	60	51.69	51.15
2410	86.23	-0.64	3	0.67	42.051	44.183	3	-17.84	3.47	60	52.38	51.82
2420	83.39	-0.79	2.79	0.64	40.331	43.055	2.79	-16.78	3.58	30	52.37	51.81
2430	79.29	-1.01	2.59	0.44	37.961	41.329	2.59	-16.37	3.6	60	52.43	51.88
2440	75.43	-1.22	2.36	0.21	35.404	40.022	2.36	-15.69	3.59	60	51.82	51.9
2450	72.26	-1.41	2.21	0.06	33.319	38.938	2.21	-14.9	3.62	60	51.61	52.1
2460	72.89	-1.37	2.32	0.17	33.156	39.729	2.32	-14.77	3.69	60	51.57	52.11
2470	70.38	-1.53	2.2	0.05	31.906	38.471	2.2	-15.49	3.73	60	51.32	51.86
2480	70.76	-1.5	2.13	-0.02	32.034	38.722	2.13	-16.32	3.63	30	51.47	52.06
2490	69.58	-1.58	1.83	-0.32	31.529	38.047	1.83	-16.82	3.4	30	52.01	52.61
2500	66.98	-1.74	1.39	-0.76	30.102	36.882	1.39	-17.24	3.13	30	52.45	53.09

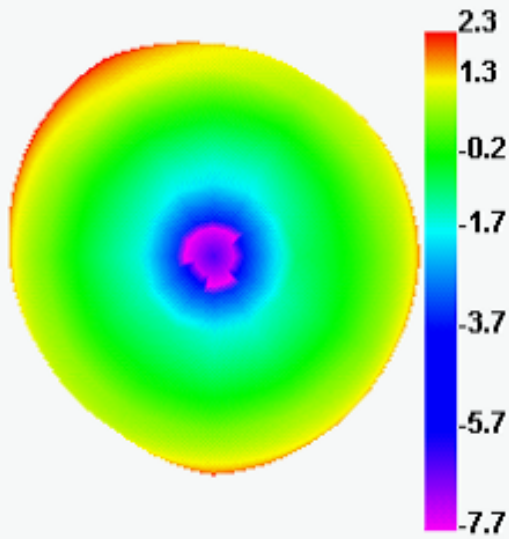
2400.00MHz - 2500.00MHz Gain



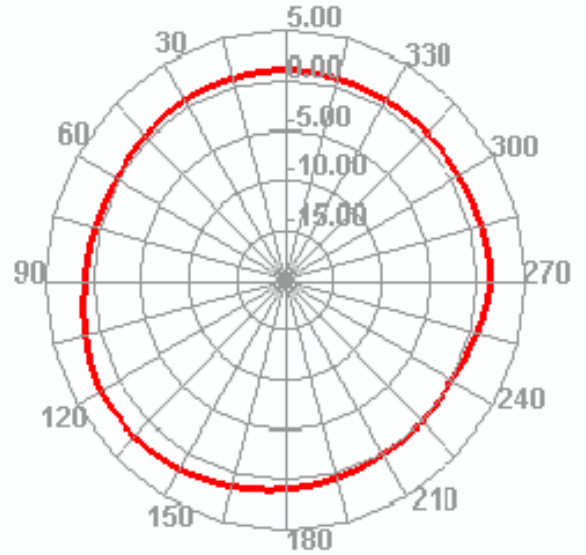
2400.00MHz - 2500.00MHz Efficiency



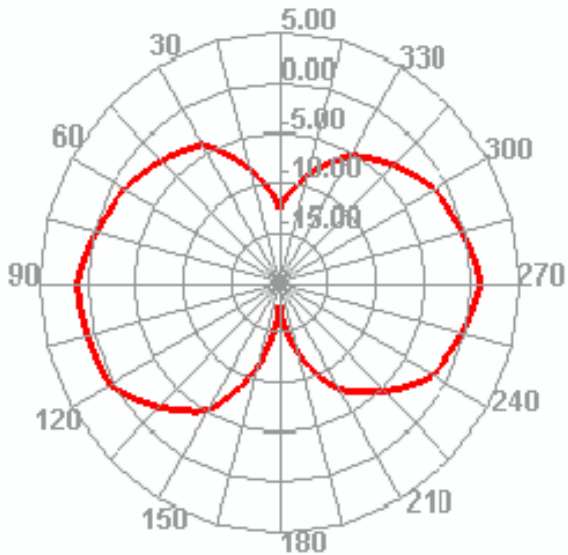
2400.000MHz



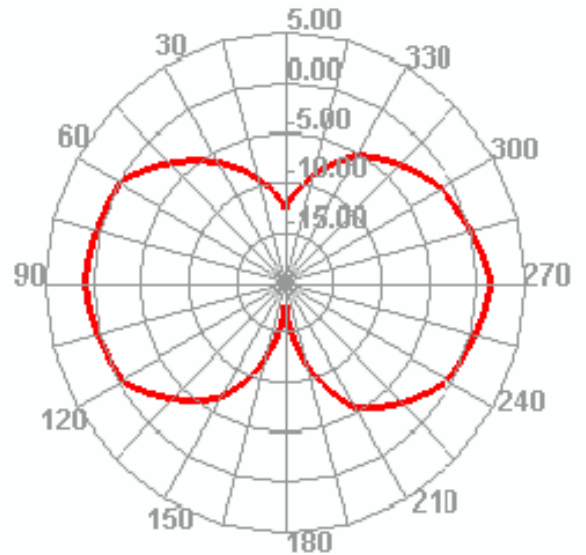
2400.000MHz H



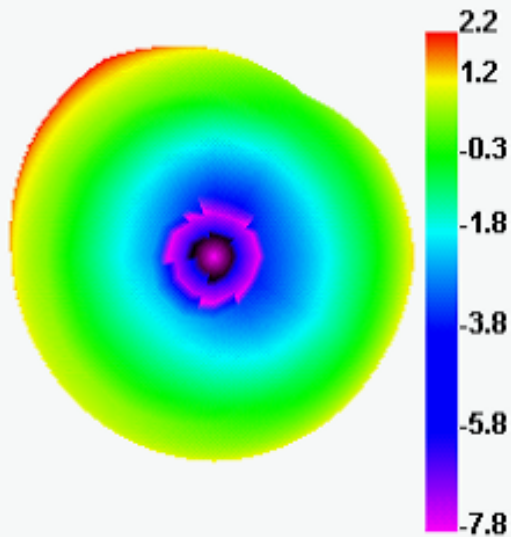
2400.000MHz E1



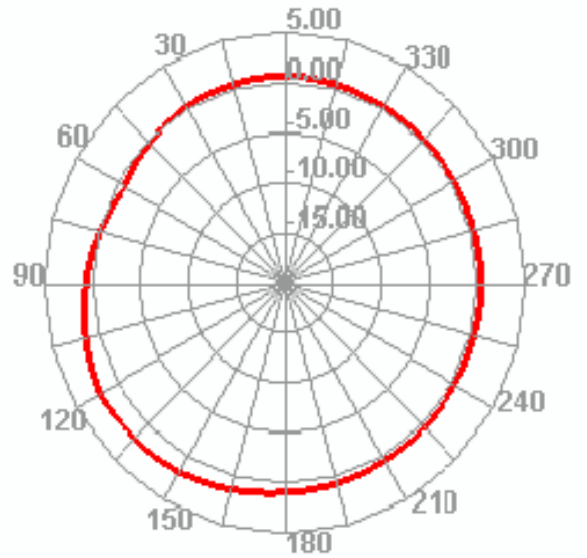
2400.000MHz E2



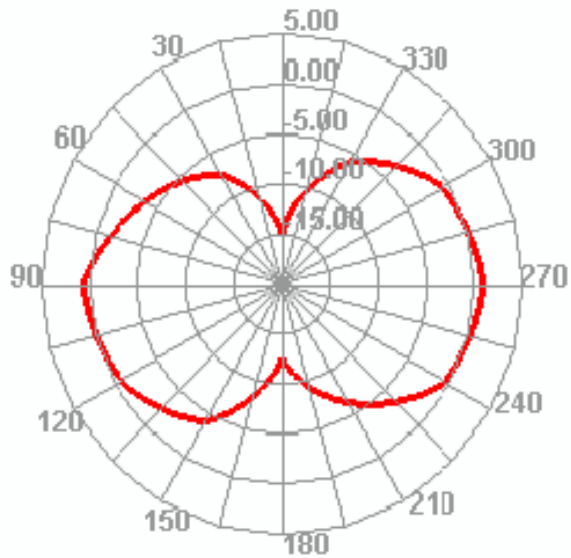
2450.000MHz



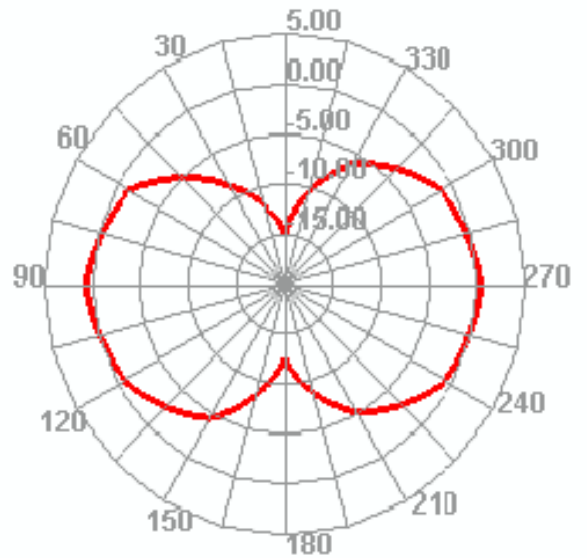
2450.000MHz H



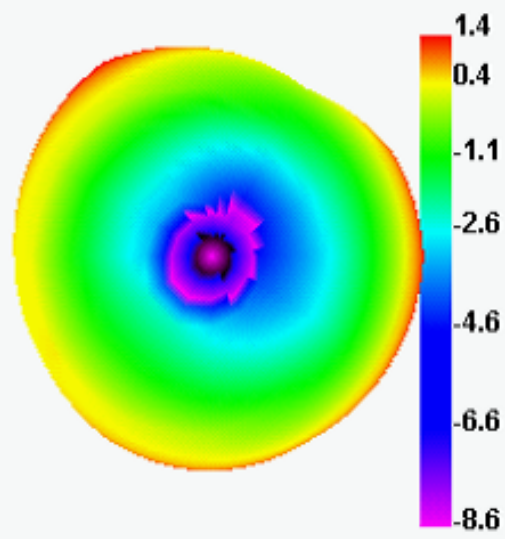
2450.000MHz E1



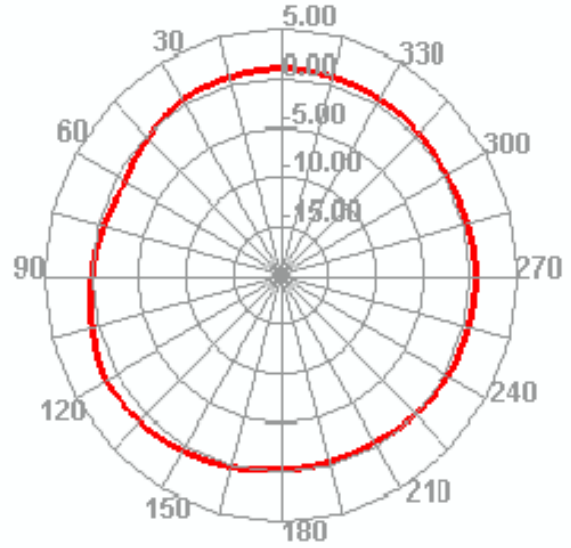
2450.000MHz E2



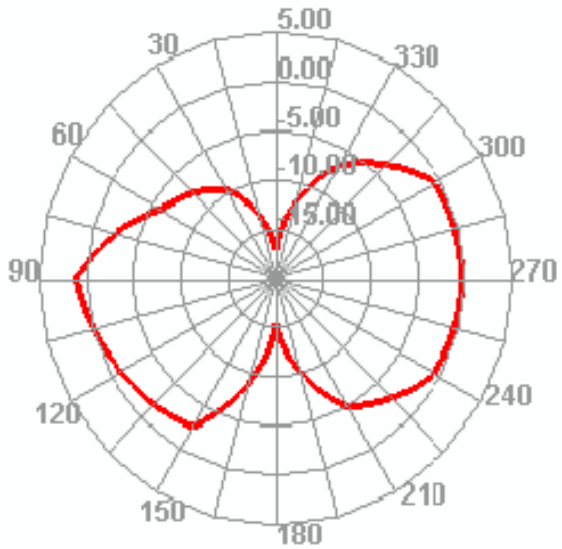
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

