

规格承认书

SPECIFICATION FOR APPROVAL

编号: 2025072903

File No. _____

版本: 1.0

Revision _____

客 户 敏动

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: _____

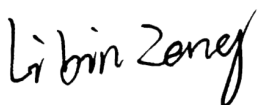
品 名 2.4 FPC天线 MHF3代/0.81黑色线 L=60MM

PART NAME: _____

供 方 料 号 SL233P.300019.P01

SUPPLIER NO: _____

送样日期 Date: 送样数量 Q'TY: PCS

客户确认 CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR
		

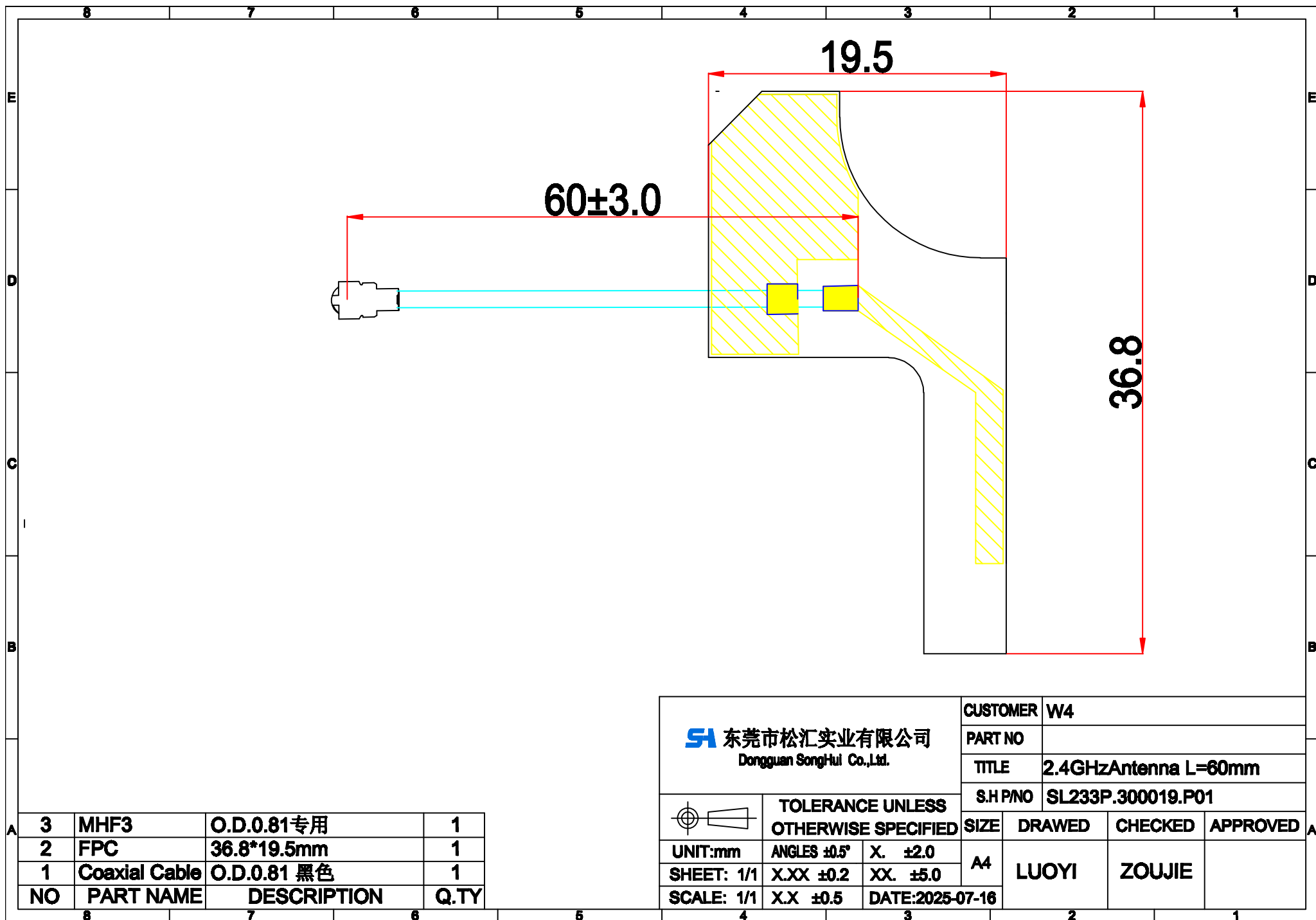
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

add: 东莞市大朗镇佛新聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175 04-A

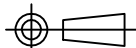


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3	MHF3	O.D.0.81专用	1
2	FPC	36.8*19.5mm	1
1	Coaxial Cable	O.D.0.81 黑色	1
NO	PART NAME	DESCRIPTION	Q.TY

 东莞市松汇实业有限公司 Dongguan SongHui Co.,Ltd.	CUSTOMER		W4			
	PART NO					
	TITLE		2.4GHzAntenna L=60mm			
	S.H P/NO		SL233P.300019.P01			
	TOLERANCE UNLESS OTHERWISE SPECIFIED		SIZE	DRAWN	CHECKED	APPROVED
UNIT:mm	ANGLES ±0.5°	X. ±2.0	A4	LUOYI	ZOUJIE	
SHEET: 1/1	X.XX ±0.2	XX. ±5.0				
SCALE: 1/1	X.X ±0.5	DATE:2025-07-16				



电 性 测 试 报 告

Test Reports

Electrical Properties	
Frequency	2.4~2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3.22dBi
Cable Loss	2dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF3代
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 0.81// L=60mm
Operating Temp.	-10 ~ +80 °C
Storage Temp.	-10 ~ +80 °C
Cable Color	black

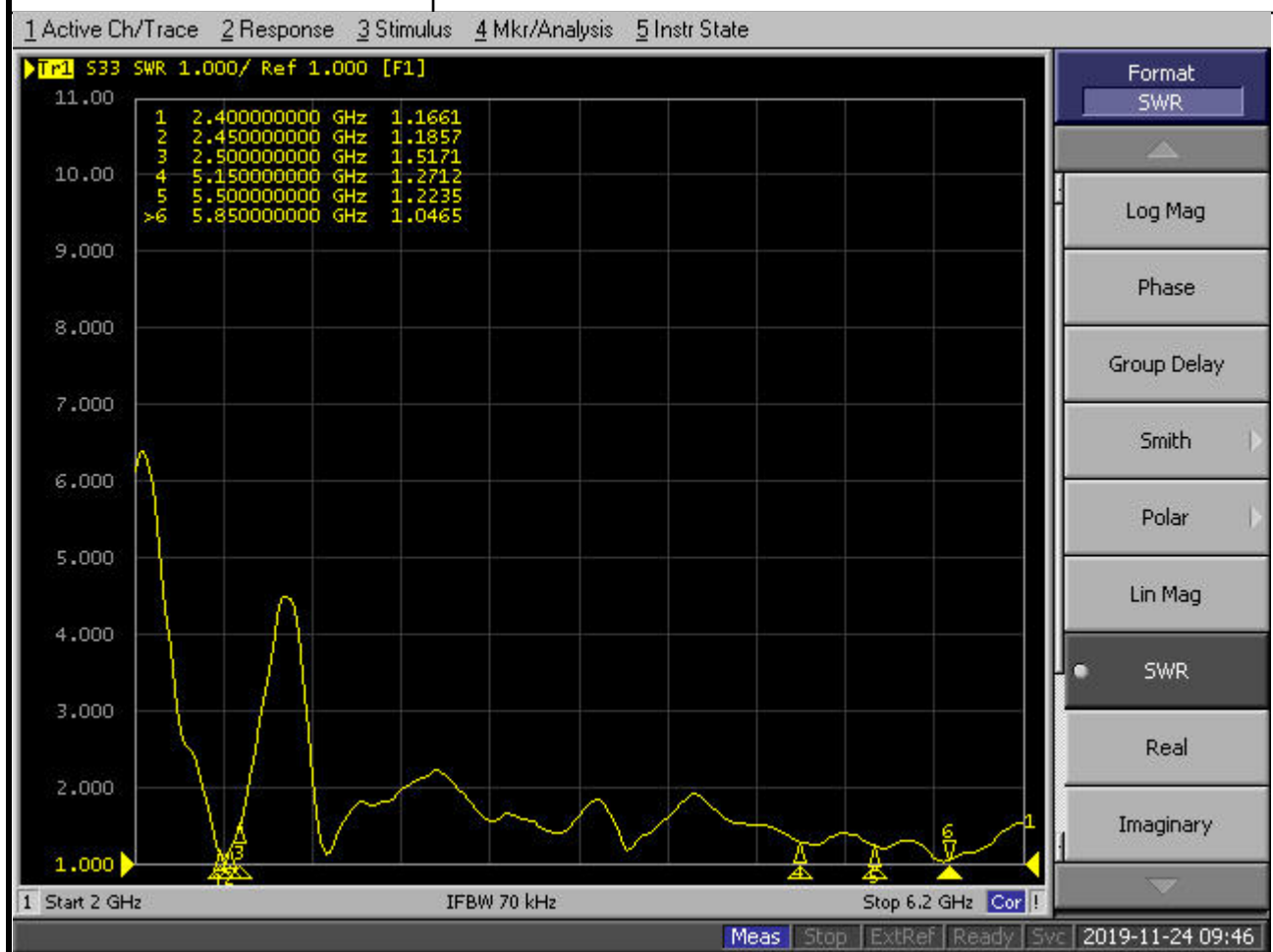
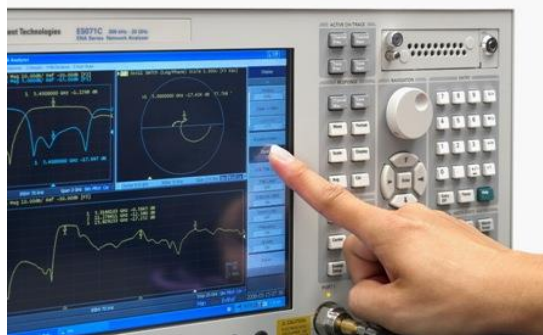
add: 东莞市大朗镇佛新聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175



S 参数测试

S Parameter Test

Agilent E5071C



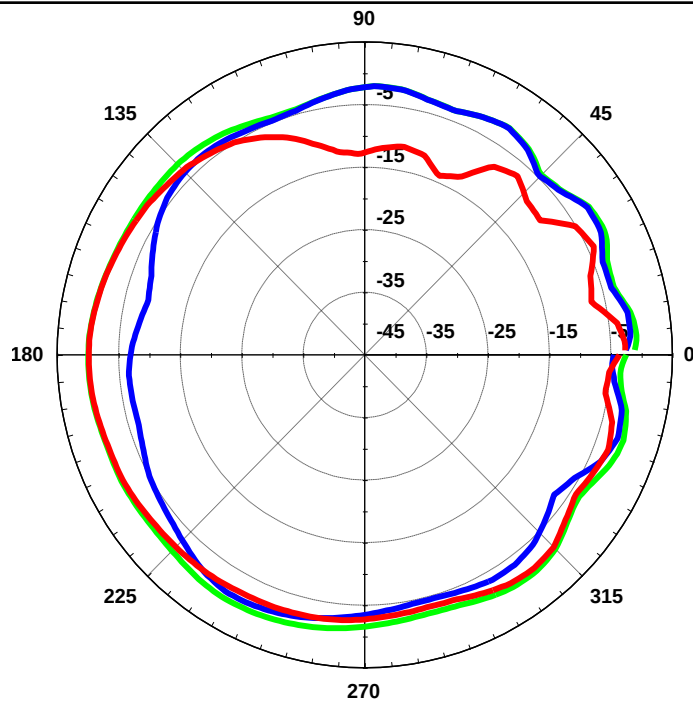
add: 东莞市大朗镇佛新聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175



增益测试

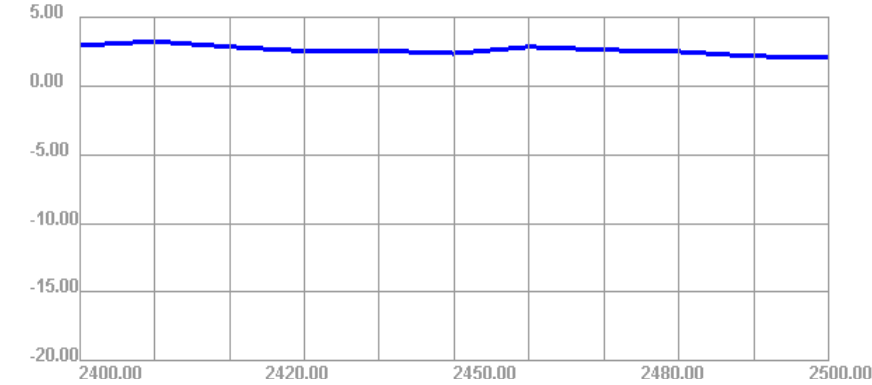
Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

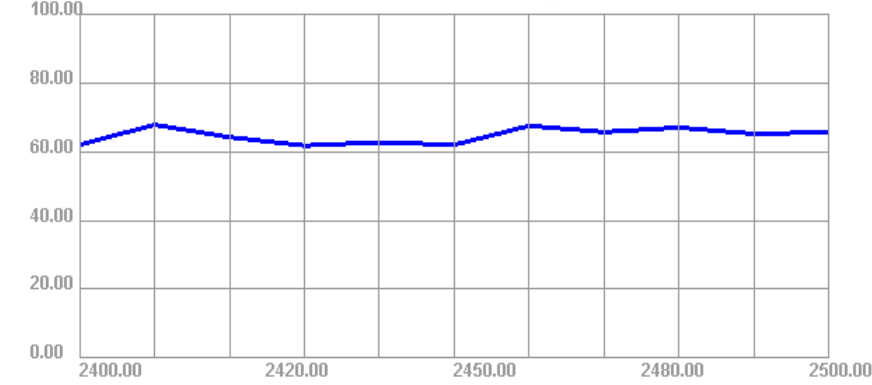


Passive Test For 2.4												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	61.99	-2.08	2.94	0.79	19.168	42.817	2.94	-11	5.01	60	51.69	51.15
2410	67.82	-1.69	3.22	1.07	20.87	46.953	3.22	-10.34	4.91	60	52.38	51.82
2420	64.21	-1.92	2.84	0.69	19.972	44.235	2.84	-11.01	4.76	60	52.37	51.81
2430	61.78	-2.09	2.53	0.38	19.657	42.118	2.53	-12.09	4.62	60	52.43	51.88
2440	62.72	-2.03	2.55	0.4	21.018	41.7	2.55	-14.24	4.58	60	51.82	51.9
2450	61.99	-2.08	2.36	0.21	21.916	40.077	2.36	-14.33	4.43	60	51.61	52.1
2460	67.51	-1.71	2.83	0.68	25.002	42.506	2.83	-14.13	4.54	60	51.57	52.11
2470	65.71	-1.82	2.61	0.46	25.822	39.89	2.61	-14.78	4.44	90	51.32	51.86
2480	67	-1.74	2.48	0.33	27.652	39.344	2.48	-14.94	4.22	90	51.47	52.06
2490	65.19	-1.86	2.15	0	28.011	37.178	2.15	-15.13	4.01	300	52.01	52.61
2500	65.64	-1.83	2.11	-0.04	28.921	36.723	2.11	-15	3.94	300	52.45	53.09

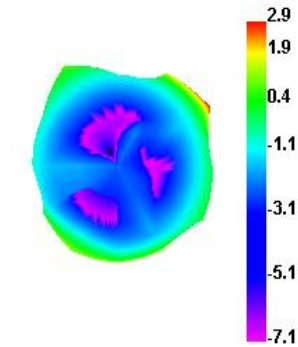
2400.00MHz - 2500.00MHz Gain



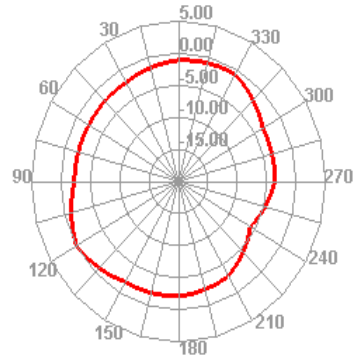
2400.00MHz - 2500.00MHz Efficiency



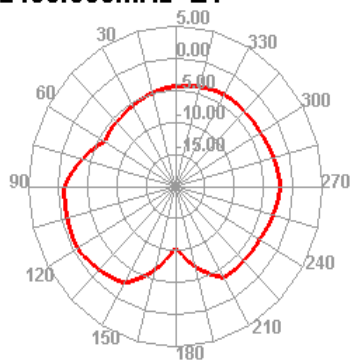
2400.000MHz



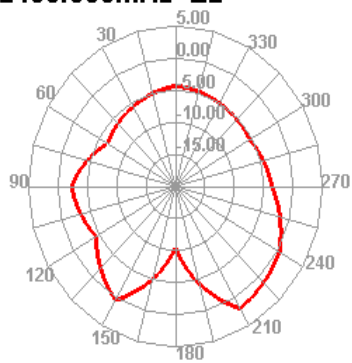
2400.000MHz H



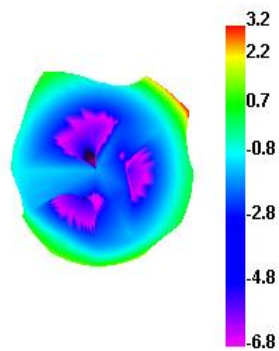
2400.000MHz E1



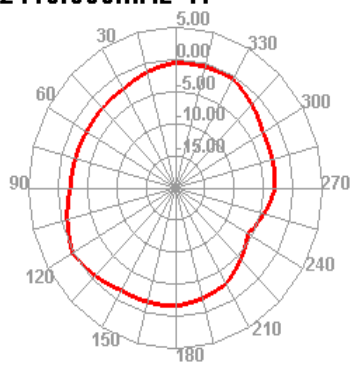
2400.000MHz E2



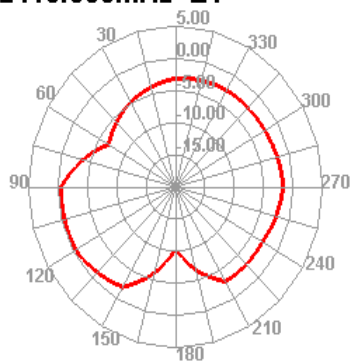
2410.000MHz



2410.000MHz H



2410.000MHz E1



2410.000MHz E2

