



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2021072101

File No. _____

版本: 1.0

Revision _____

客 户

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: _____

品 名 2.4-5.8GHz Antenna L=75MM

PART NAME: _____

供 方 料 号 SL205P.300021.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

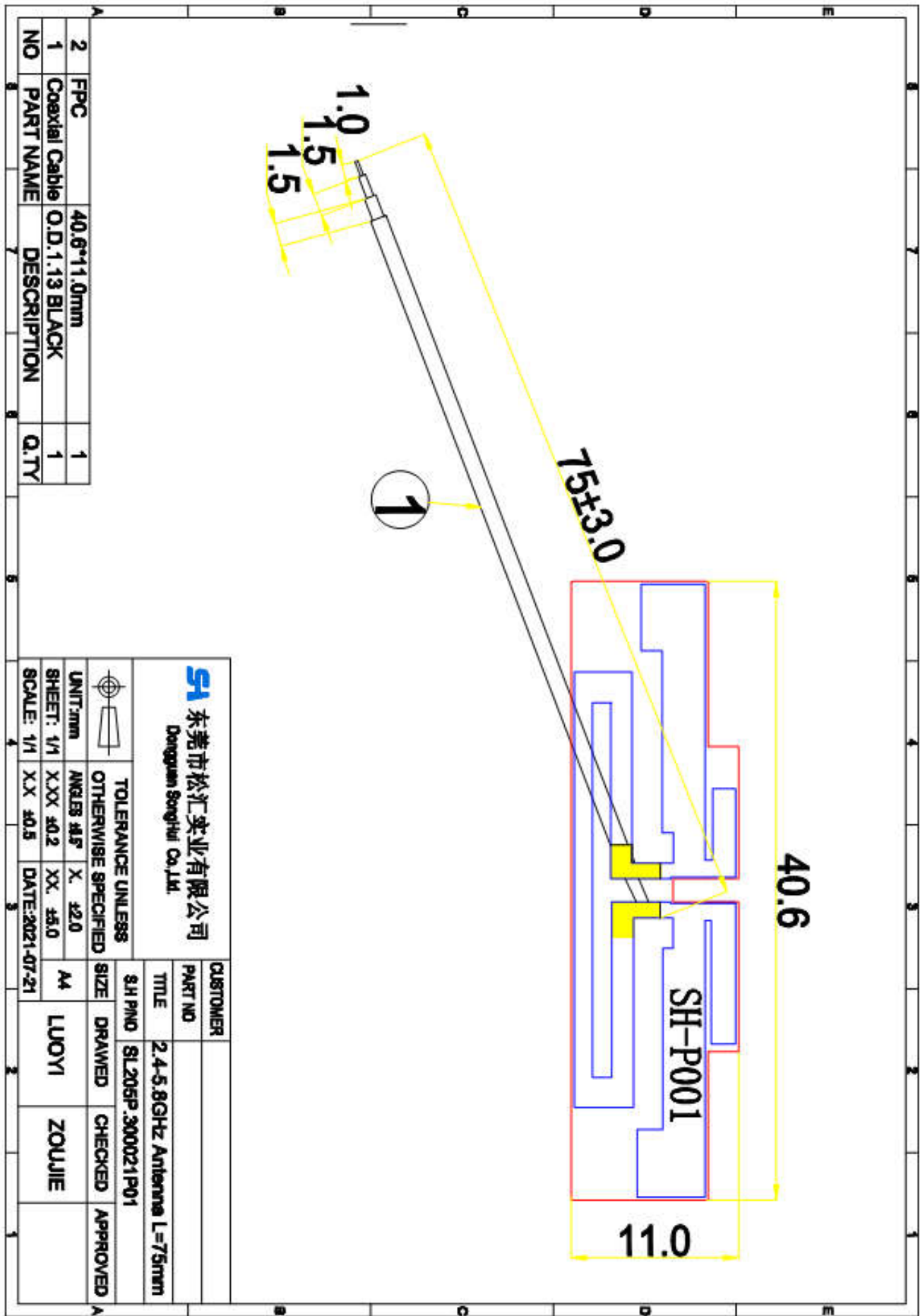
SH-RD-F04-A

add: 东莞市大朗镇巷尾村聚祥二路24号 电话: 0769-82226176 传真: 0769-82226175



承认书项目表

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2	FPC	40.6*11.0mm	1
1	Coaxial Cable	O.D.1.13 BLACK	1
NO	PART NAME	DESCRIPTION	Q.TY

东莞市松汇实业有限公司 Dongguan Songhui Co., Ltd.			
TOLERANCE UNLESS OTHERWISE SPECIFIED			
UNIT:mm	ANGLES:15°	X:±2.0	A4
SHEET:1/1	X.XX:±0.2	XX:±5.0	
SCALE:1/1	X.X:±0.5	DATE:2021-07-21	
CUSTOMER		PART NO	
TITLE		2.4-5.8GHz Antenna L=75mm	
S.H PWD		SL205P.300021P01	
SIZE		DRAWN	CHECKED
LUOYI			ZOUJIE
			APPROVED



电 性 测 试 报 告

Test Reports

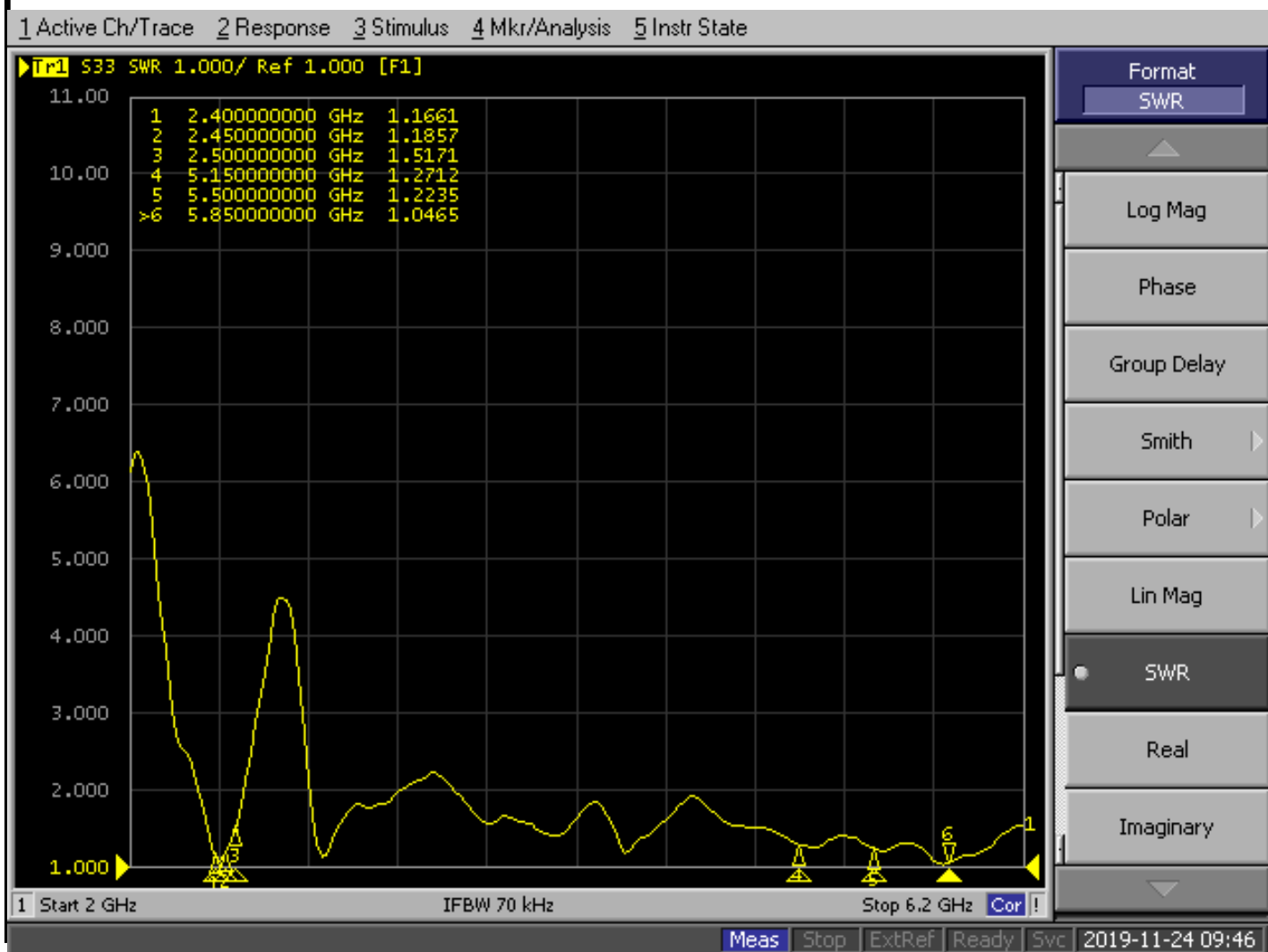
Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	4dBi
Efficiency	>60%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // L= 75mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	BLACK



S 参数测试

S Parameter Test

Agilent E5071C



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增益效率 (Effi & Gain)

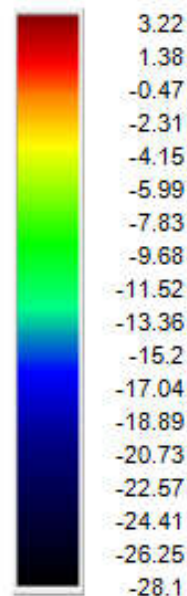
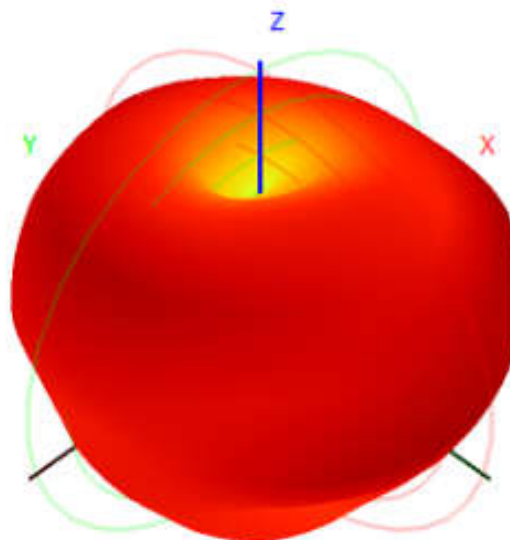
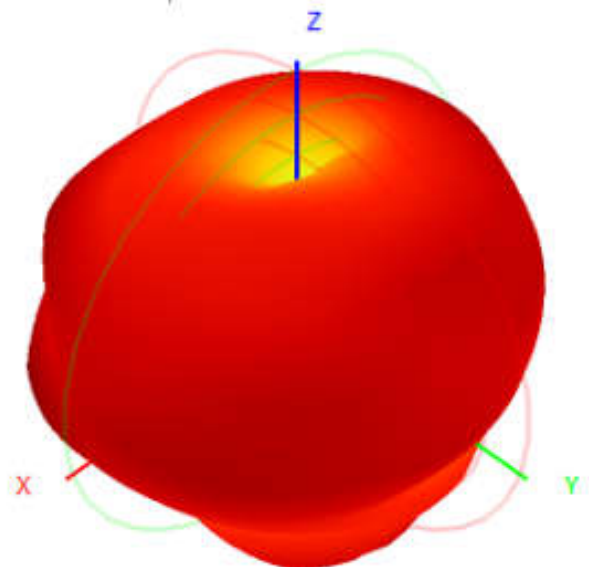
Freq (MHz)	Effi (%)	Gain (dBi)
2400	73.89	3.22
2410	75.3	3.53
2420	74.87	3.58
2430	79.43	3.81
2440	82.57	3.84
2450	82.91	3.68
2460	80.03	3.29
2470	79.88	3.01
2480	81.98	2.91
2490	84.02	2.90
2500	81.50	2.72
Freq (MHz)	Effi (%)	Gain (dBi)
5150	49.18	1.35
5200	51.21	1.06
5250	56.16	1.38
5300	67.87	2.22
5350	62.23	2.11
5400	58.98	2.35
5450	68.03	2.79
5500	72.22	3.03
5550	67.10	2.88
5600	68.60	3.29
5650	74.55	3.90
5700	75.88	3.98
5750	74.66	3.82
5800	73.11	3.95
5850	64.74	3.39



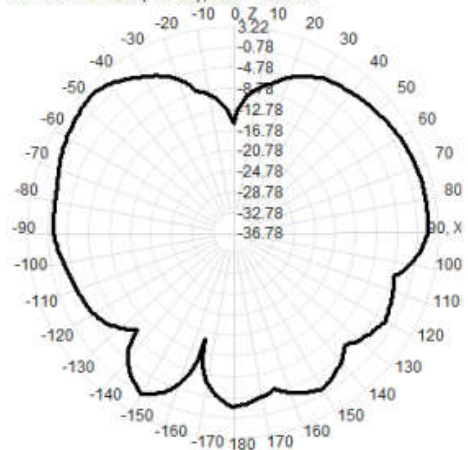
增益效率 (Effi & Gain)

2400.0MHz H+V, Eff: 73.9%

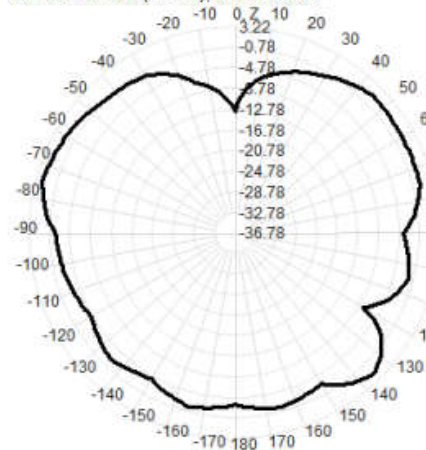
Back View



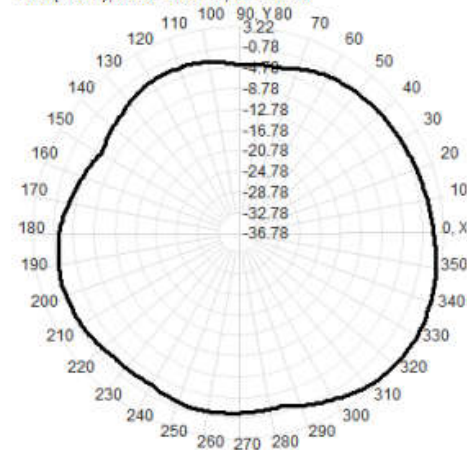
2400.0MHz Total(E1-XZ), Max= 1.57dBi



2400.0MHz Total(E2-YZ), Max= 1.83dBi



Total(H-XY), Max= 3.22dBi, CirD=9.26



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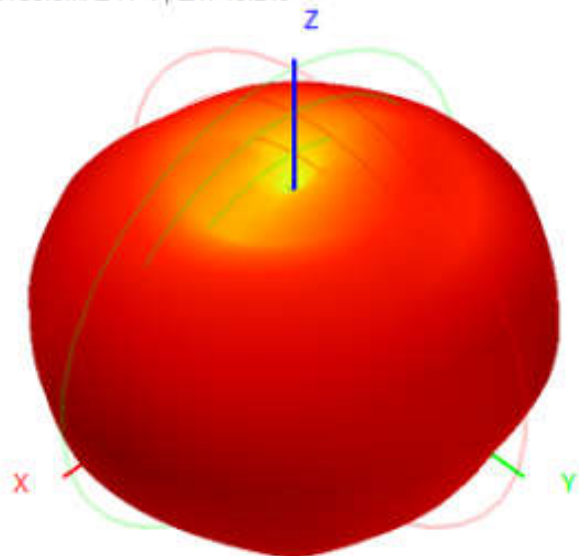
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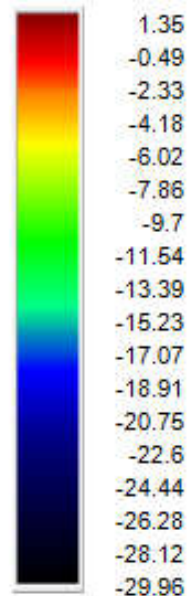
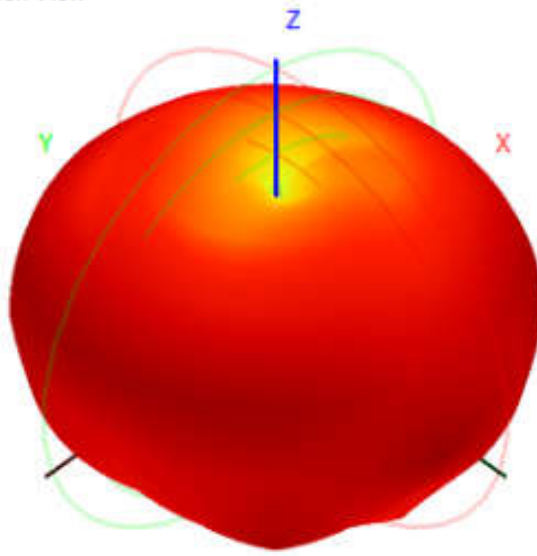


增益效率 (Effi & Gain)

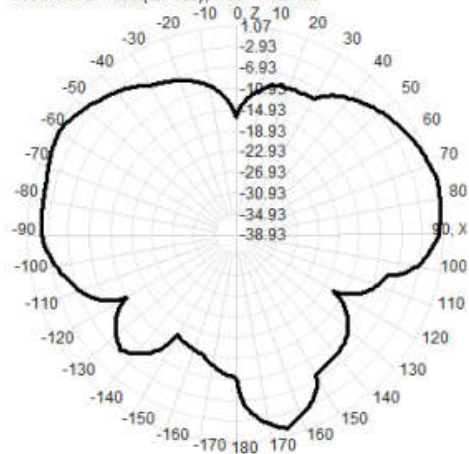
5150.0MHz H+V, Eff: 49.2%



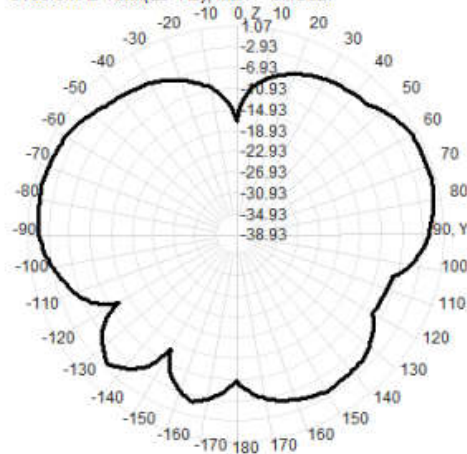
Back View



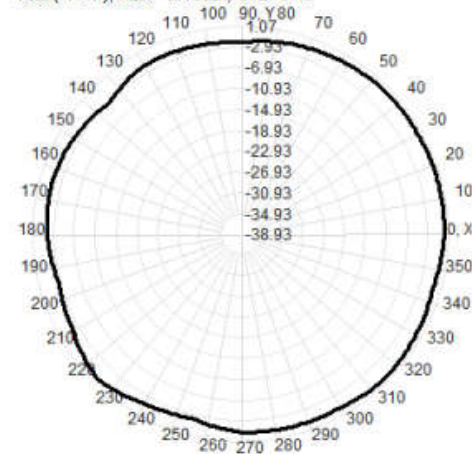
5150.0MHz Total(E1-XZ), Max= 1.07dBi



5150.0MHz Total(E2-YZ), Max= -0.12dBi



Total(H-XY), Max= 0.13dBi, CirD=3.40



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