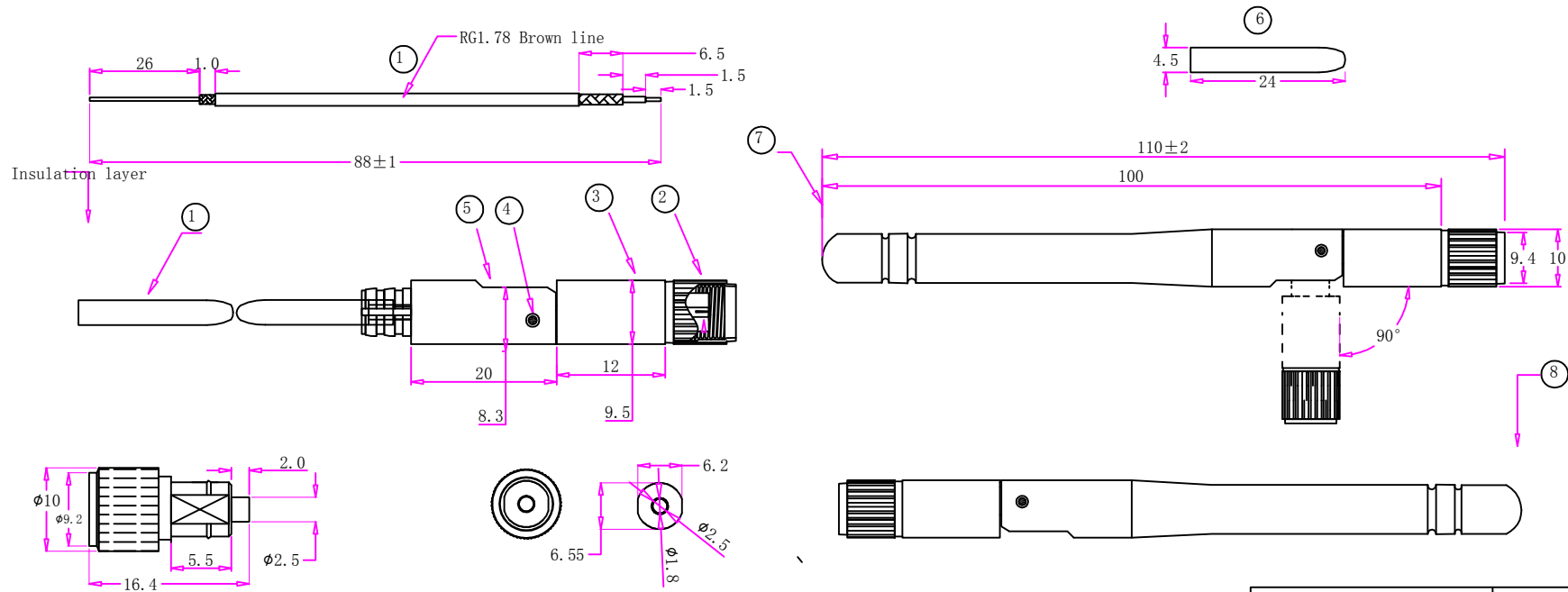
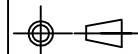


RoHS Compliant



FREQUENCY RANGE	2400-2500MHz
Gain	2.5dBi
VSWR	<2.0: 1
Polarization	Linear.Vertical
Max power rating	50 W
Impedance	50 OHM

No.	Name	Description	Qty	Part No.
1	wire rod	1.78 Brown PTFE (High Temperature Resistant) L=88mm	1	1301-0054
2	SMA	2.4GZK-Plating black-10*6.5*16.4	1	1101-0028
3	2.4GIPLEX	6.5*9.4*19.7-No exposed lines - black rubber	1	1201-0015
4	rivet	1.6*3.8-No exposed lines - black rubber	2	1201-0085
5	2.4GIPLEX	6.5*9.32*28.8-No exposed lines - black rubber	1	1201-0016
6	Copper parts	4.5*24-2.4G-Copper tube - nickel plated	1	1701-0002
7	2.4GRubber	9.0*67.5-2DB exposed line - black rubber	1	1201-0011
8	PE bag	150*38*0.4(White edged bone bag) punching	1	1801-0003
9	PE bag	205*150*0.4(White edged bone bag) punching	1/50	1801-0006
10	Tin wire	1.0-ROHS		1501-0010
11				
12				



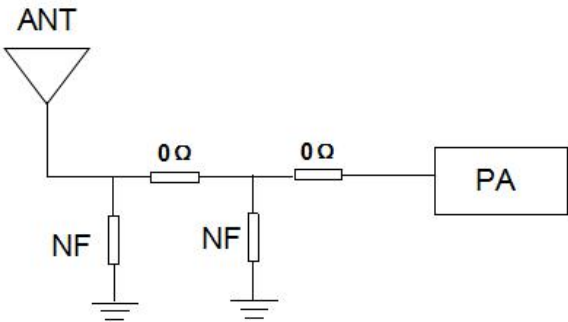
PART NAME		(UNIT) mm	SCALE)	(REV) A3	(SIZE) A4
CUS NO.		PRODUCT NAME: Dual band rubber antenna		PRODUCT NO. 3030-0004	
				(ORIGINAL DATE) 2022.07.18	
		Shenzhen Zhenxing Industrial Manufacturing Co., Ltd			

1.Test items and equipment

	Test items	equipment
1. S-parameter	1. Return Loss 2. VSWR	network analyzer : Agilent E5071B HP 8753D
2. Active	1. Transmissionpower (TRP) 2. Receiving sensitivity (TIS)	1. Darkroom: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2.network analyzer : Agilent 8960 E5515B
3. Passive	1. Antenna gain 2. Antenna efficiency	1. DarkroomETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. network analyzer : Agilent E5071B HP 8753D

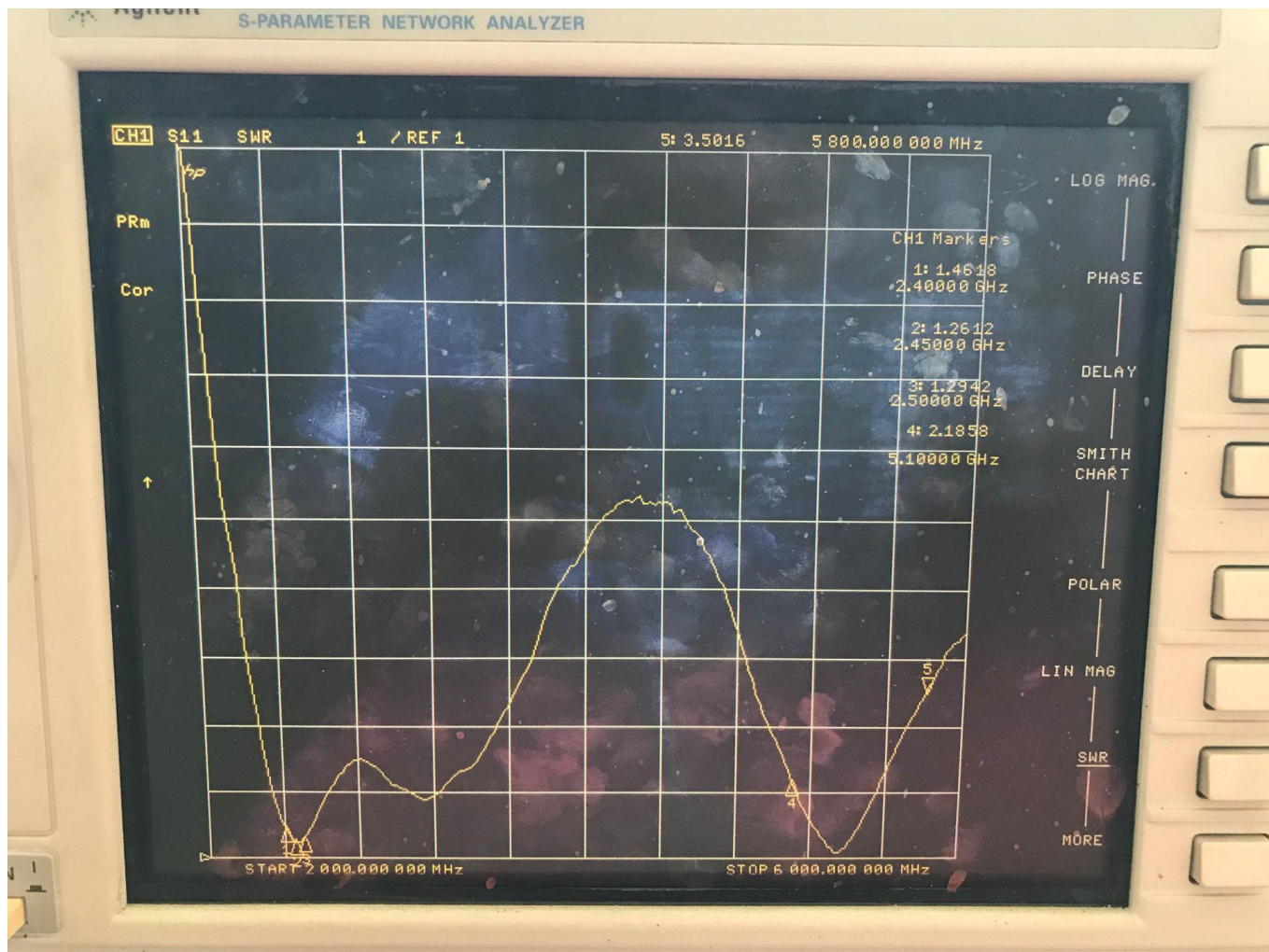


2.Matching circuit -WIFI antenna:

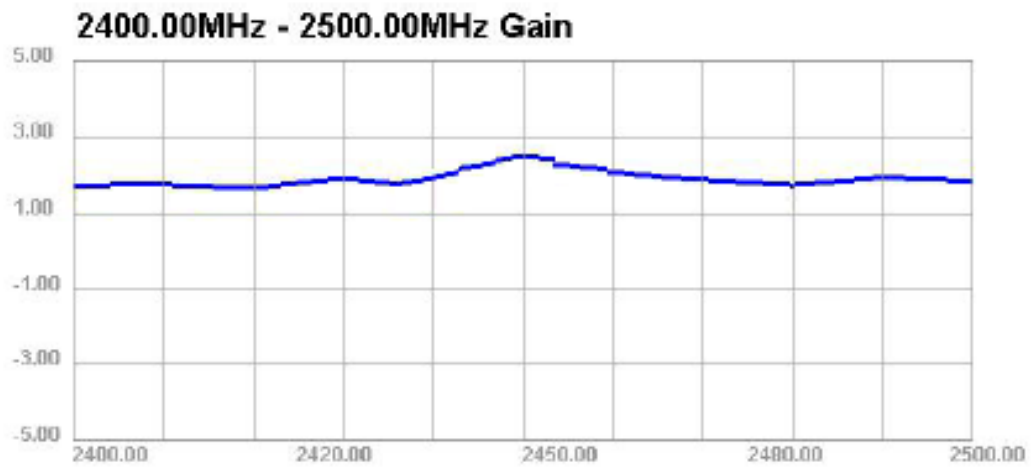


3. Network test chart:

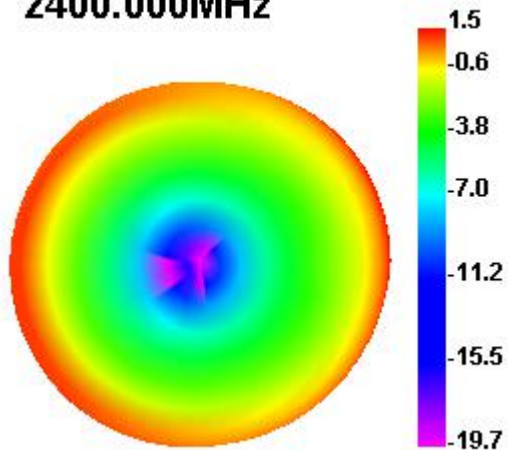
SWR



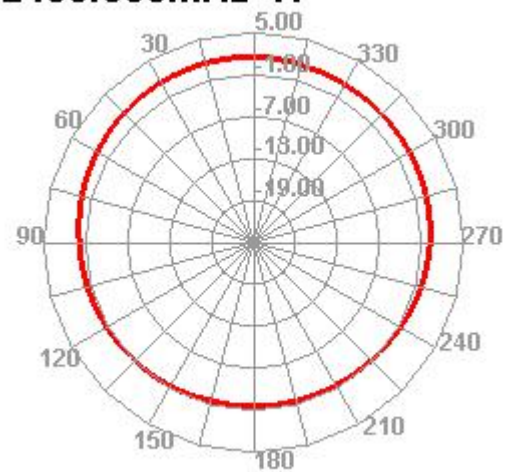
2D Radiation Patterns



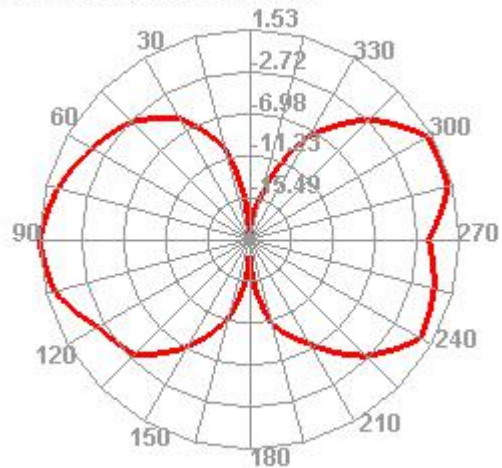
2400.000MHz



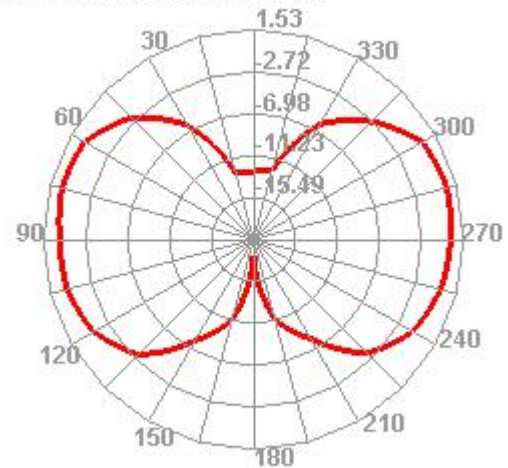
2400.000MHz H



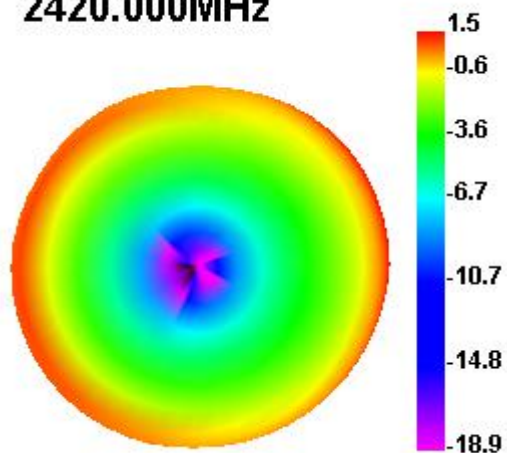
2400.000MHz E1



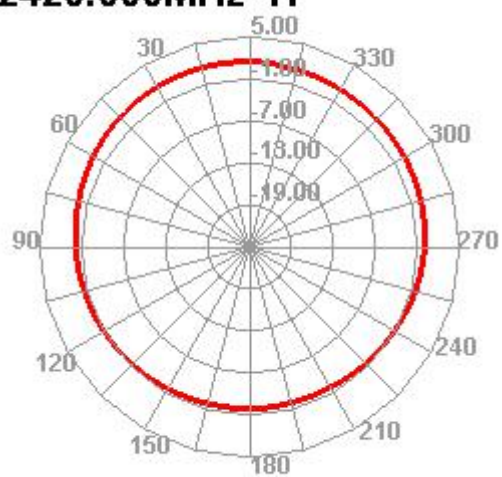
2400.000MHz E2



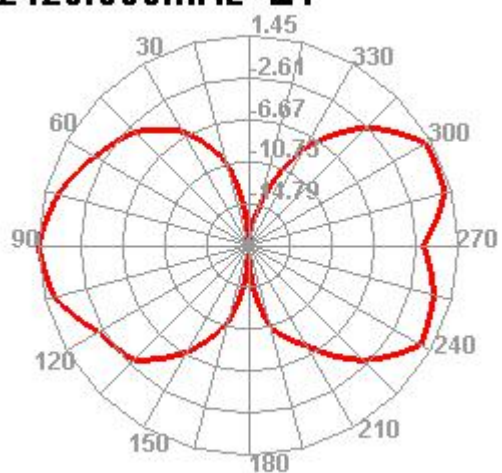
2420.000MHz



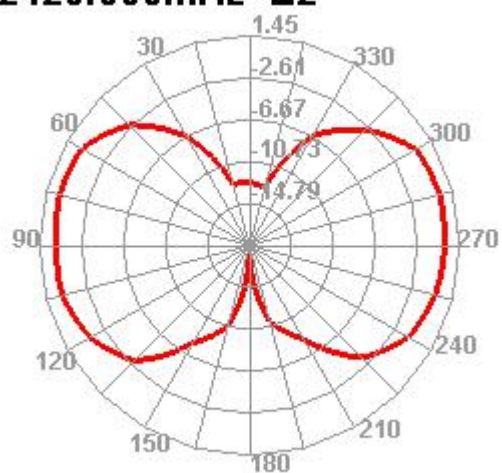
2420.000MHz H



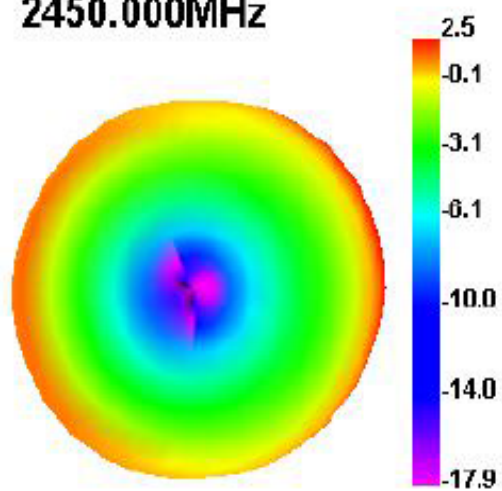
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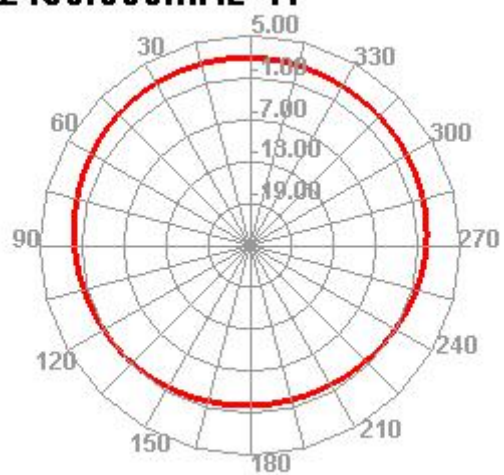
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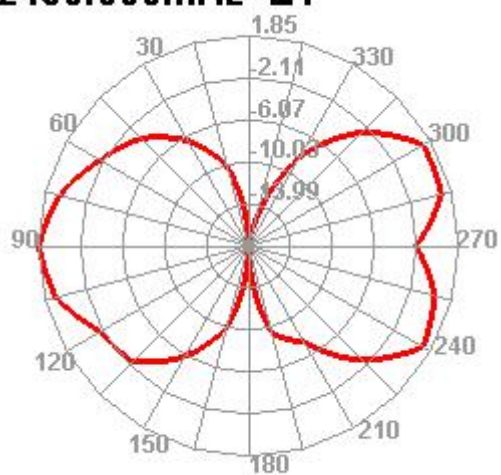
2450.000MHz



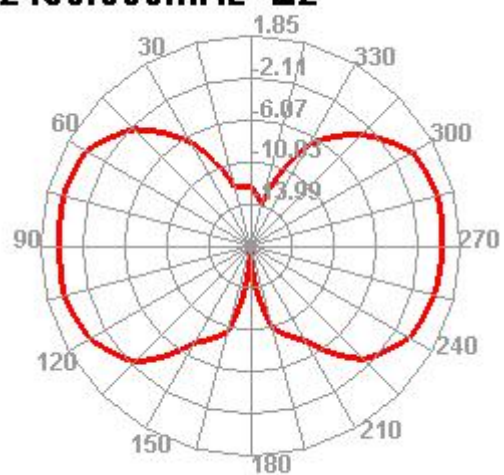
2450.000MHz H



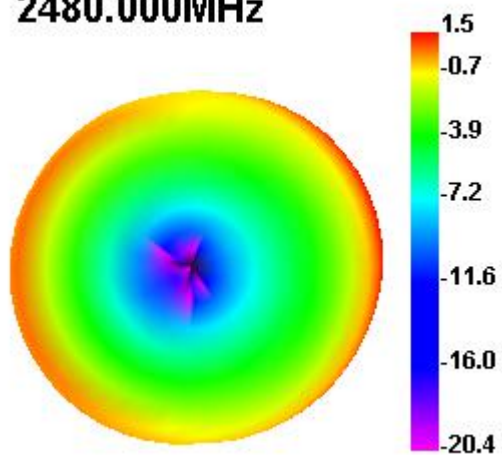
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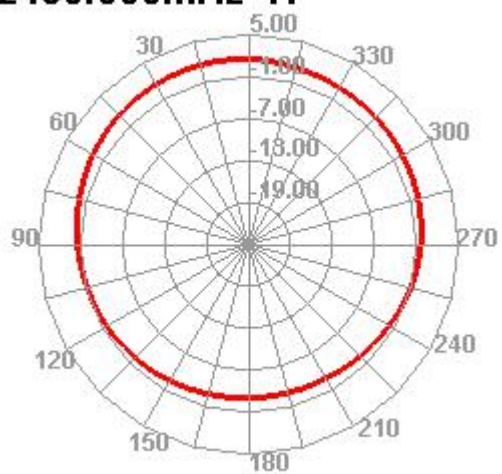
2450.000MHz E2



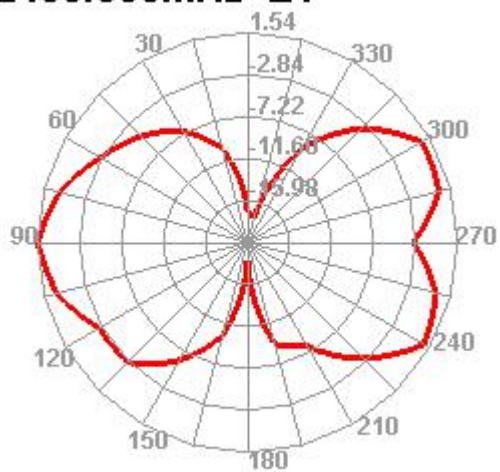
2480.000MHz



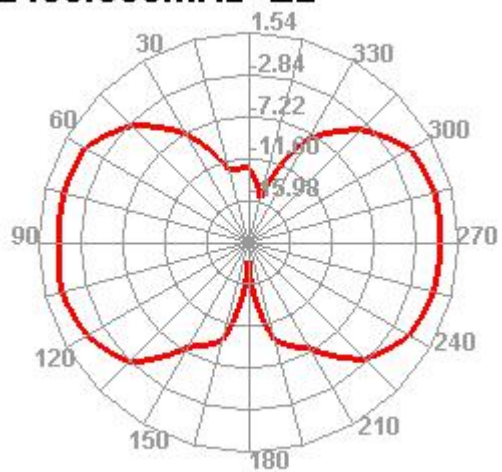
2480.000MHz H



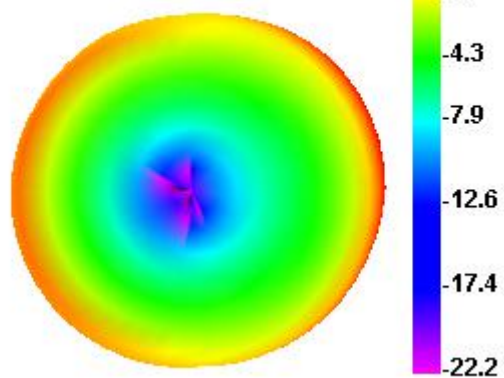
2480.000MHz E1



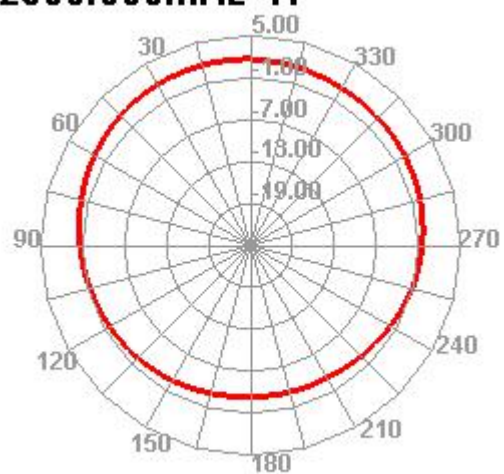
2480.000MHz E2



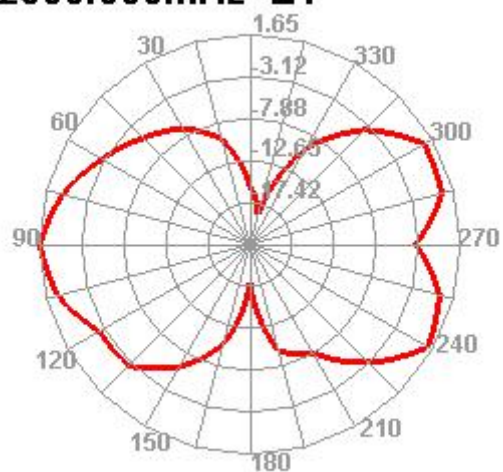
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

