

ENT Antenna specification

Antenna type : PIFA

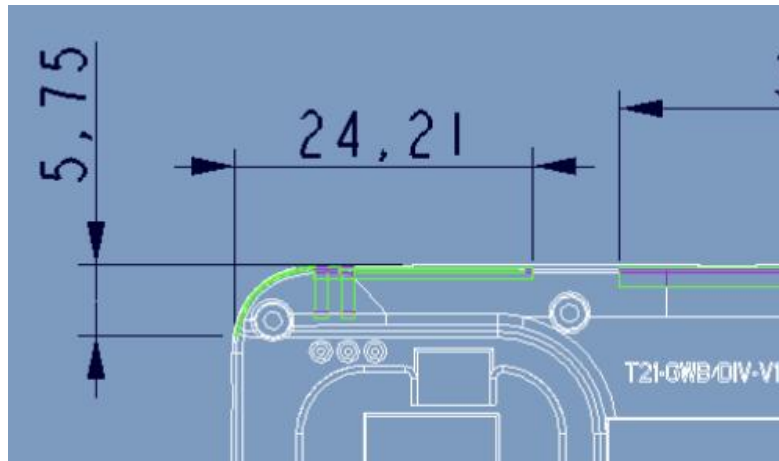
Model: T21-GBW/DIV-V1

Manufacturer: Shenzhen 3Good Wireless Communication Co., Ltd

Band: GPS/WIFI2.4G/5G/BT,

1575.42MHz&2400MHz~2500MHz&5150MHz~ 5850MHz

1. Picture1 -Antenna position and size



All of Implementation antenna

GPS: 1575.42MHz

WiFi/BT 2.4G: 2400MHz~2500MHz

WiFi5G: 5150MHz~ 5850MHz

2. o Number of antennas: (number, as well as whether they are external, internal, removable or fixed)

one internal antennas, the position above picture1

o Brand of the antenna: (brand, unless it has no brand we will put it without brand)

Manufacturer: 3Good Wireless

GPS: T21-GBW/DIV-V1

WIFI/BT : T21-GBW/DIV-V1

WIFI5G: T21-GBW/DIV-V1

o Model of the antenna: (It is suggested to declare without model if you do not have this unless otherwise indicated)

GPS: PIFA (LDS)

WIFI/BT : PIFA (LDS)

WIFI5G: PIFA (LDS)

oAntenna gain: (dBi)

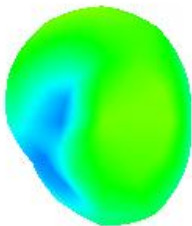
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1550	29.98	-5.23	1.58
1555	29.99	-5.23	1.35
1560	29.11	-5.36	1.03
1565	29.47	-5.31	0.88
1570	28.78	-5.41	0.54
1575	28.29	-5.48	0.14
1580	27.76	-5.57	-0.34
1585	27.98	-5.53	-0.78
1590	26.33	-5.8	-1.35
1595	25.88	-5.87	-1.47
1600	25.87	-5.87	-1.47

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	29.97	-5.23	-0.58
2410	33.28	-4.78	-0.27
2420	36.35	-4.4	0.12
2430	38.8	-4.11	0.43
2440	40.08	-3.97	0.62
2450	42.27	-3.74	0.89
2460	42.69	-3.7	0.94
2470	41.13	-3.86	0.73
2480	40.53	-3.92	0.64
2490	40.52	-3.92	0.55
2500	39.54	-4.03	0.53

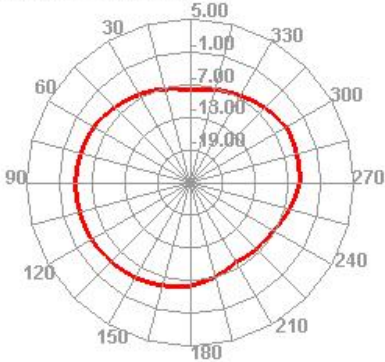
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	18.85	-7.25	-2.15
5170	19.42	-7.12	-1.69
5190	19.29	-7.15	-1.6
5210	20.13	-6.96	-1.33
5230	21.96	-6.58	-1.24
5250	19.55	-7.09	-2.03
5270	20.33	-6.92	-1.9
5290	21.17	-6.74	-1.62
5310	18.65	-7.29	-1.98
5330	18.92	-7.23	-1.47
5350	20.61	-6.86	-1.04
5370	18.83	-7.25	-1.19
5390	18.85	-7.25	-1.16
5410	21.66	-6.64	-0.63
5430	22.27	-6.52	-0.76
5450	23.93	-6.21	-0.57
5470	24.12	-6.18	-0.93
5490	24.78	-6.06	-1.01
5510	26.67	-5.74	-0.81
5530	27.48	-5.61	-1.14
5550	28.02	-5.53	-1.18
5570	28.81	-5.41	-1.27
5590	28.12	-5.51	-1.13
5610	27.33	-5.63	-1.27
5630	26.91	-5.7	-1.02
5650	27.09	-5.67	-0.69
5670	27.47	-5.61	-0.44
5690	27.73	-5.57	-0.18
5710	27.1	-5.67	-0.24
5730	29.61	-5.28	0.23
5750	30.07	-5.22	0.22
5770	30.16	-5.21	0.16
5790	29.83	-5.25	-0.25
5810	29.21	-5.34	-0.44
5830	30.87	-5.1	-0.51
5850	32.59	-4.87	-0.14

3 D _ Graphs

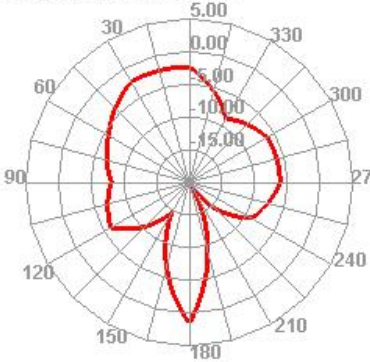
1550.000MHz



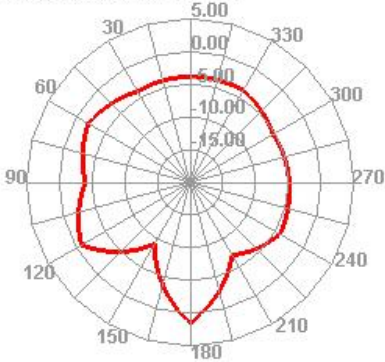
1550.000MHz H



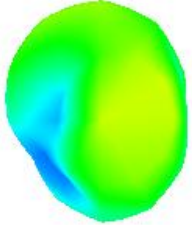
1550.000MHz E1



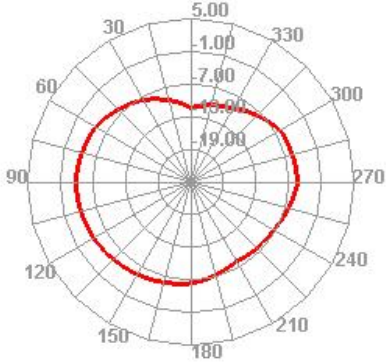
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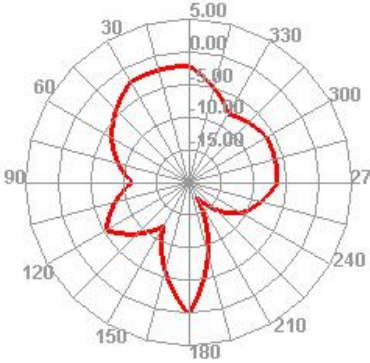
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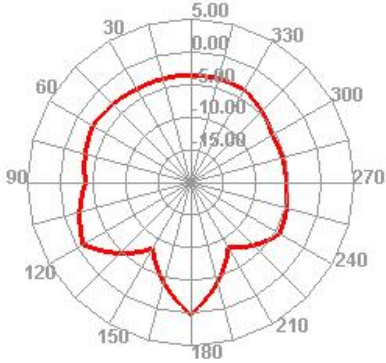
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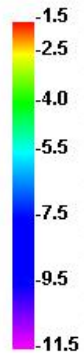
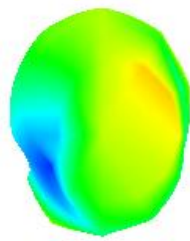
1575.000MHz E1



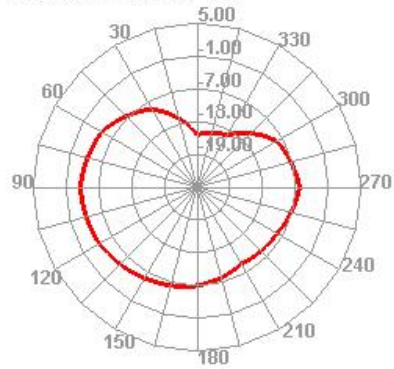
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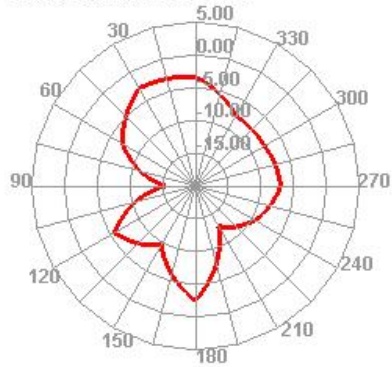
1600.000MHz



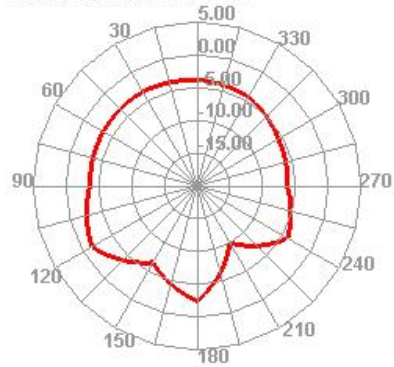
1600.000MHz H



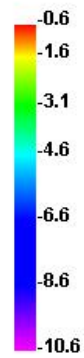
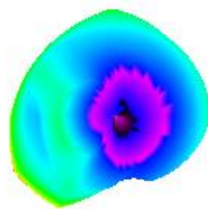
1600.000MHz E1



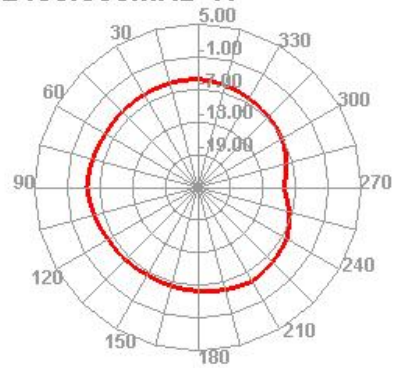
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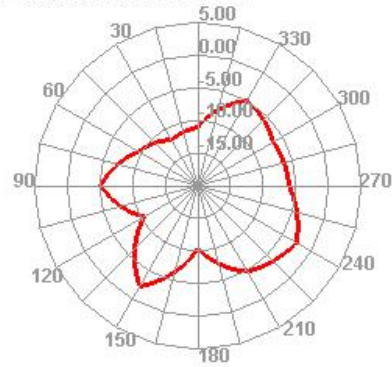
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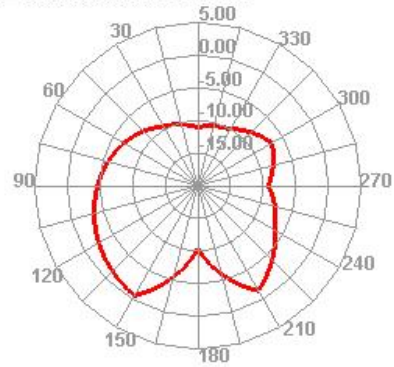
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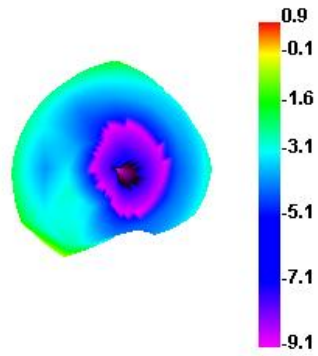
2400.000MHz E1



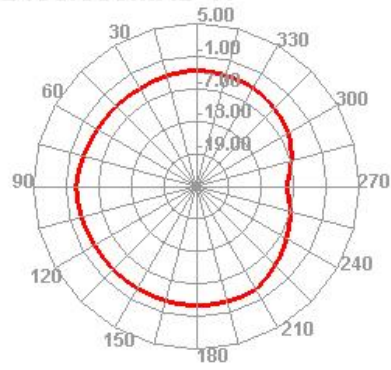
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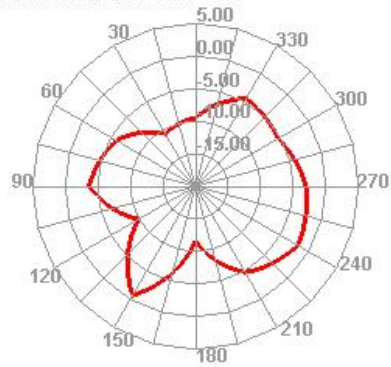
2450.000MHz



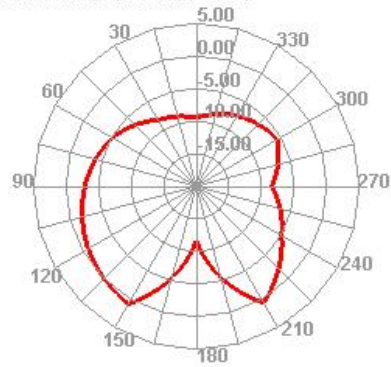
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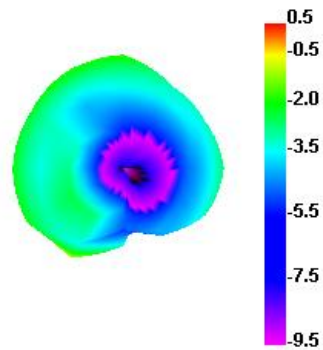
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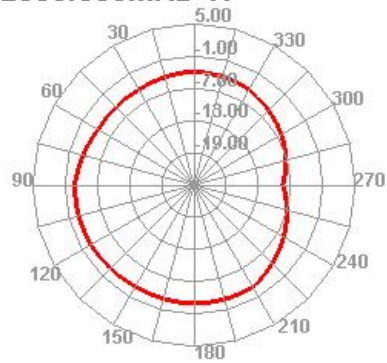
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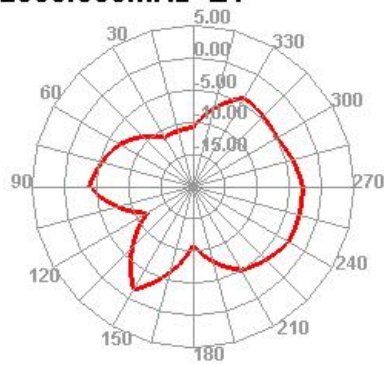
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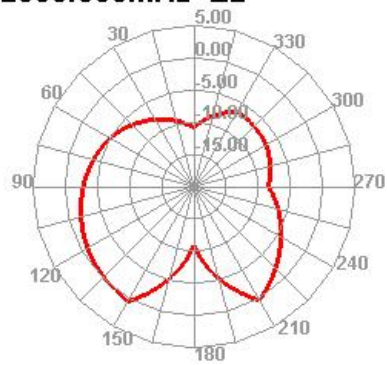
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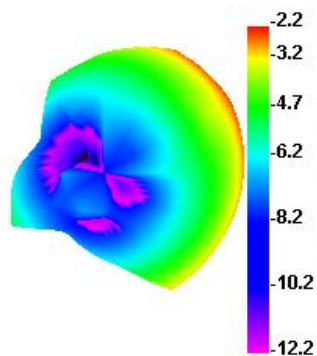
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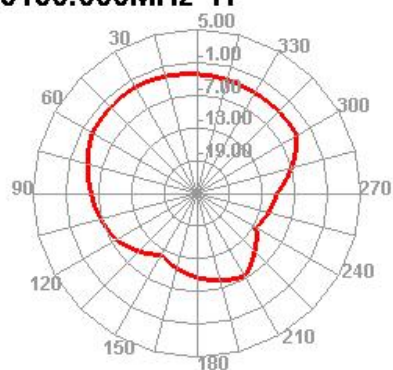
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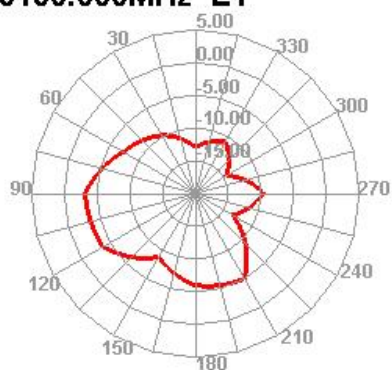
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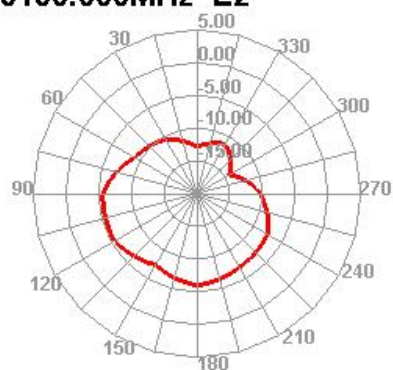
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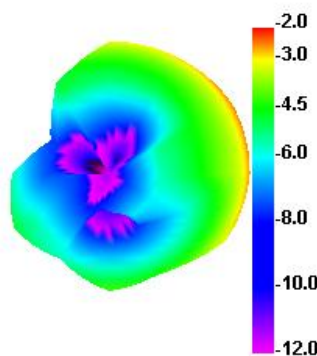
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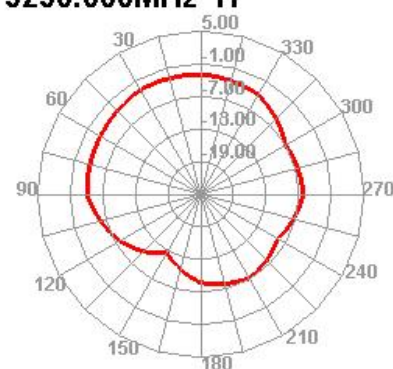
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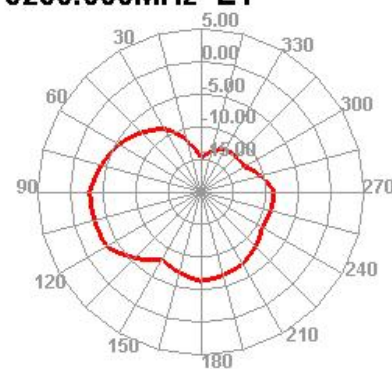
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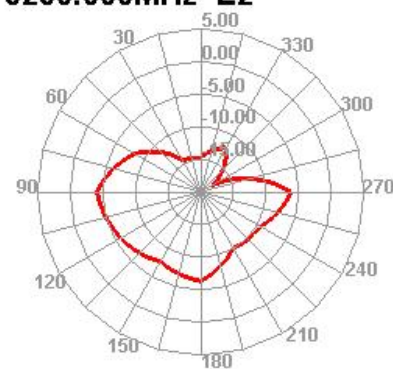
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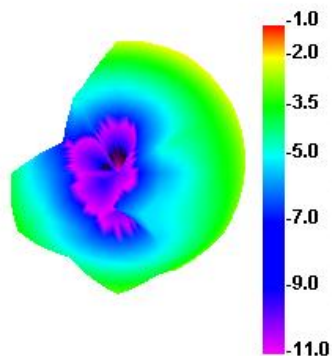
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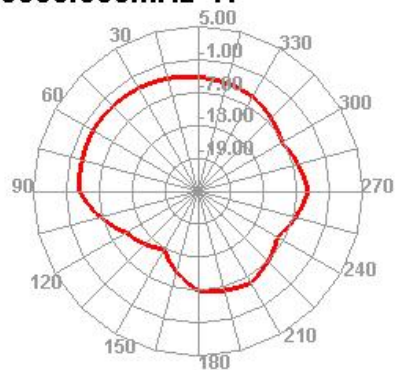
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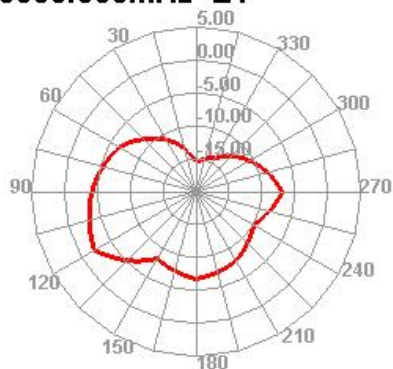
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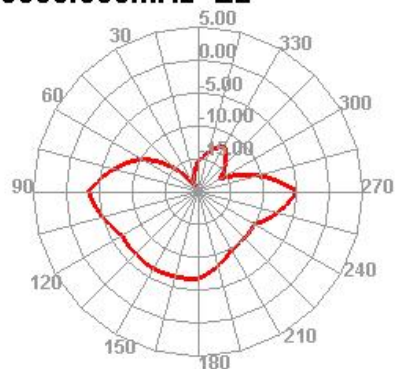
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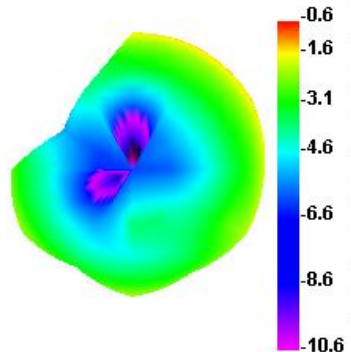
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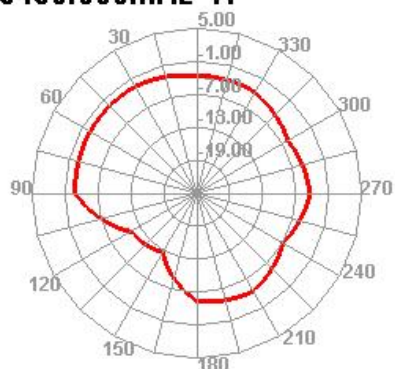
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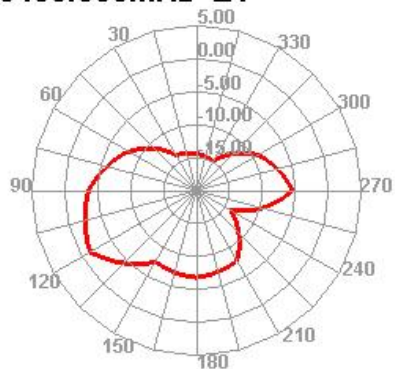
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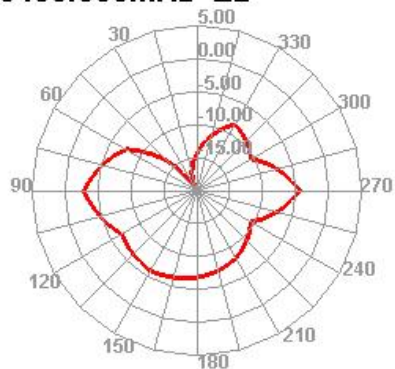
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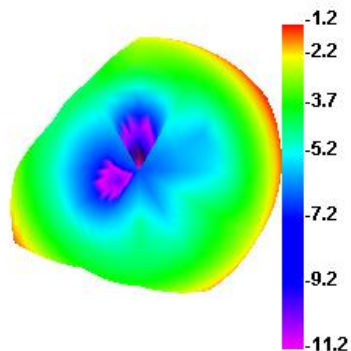
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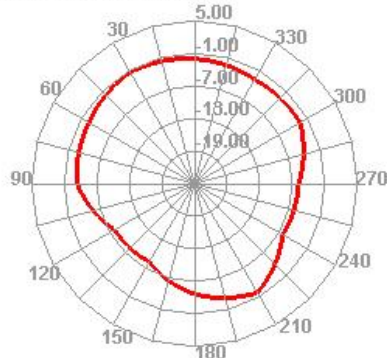
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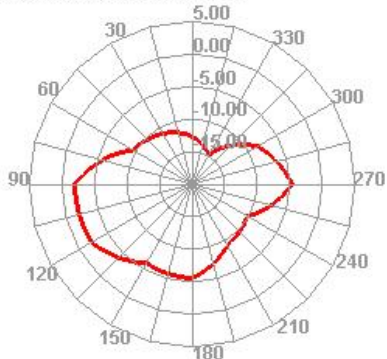
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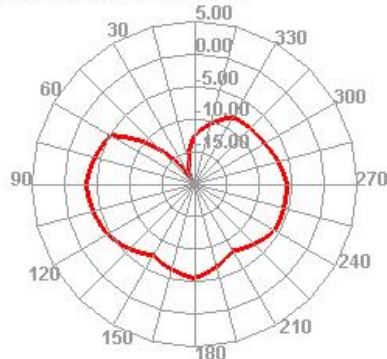
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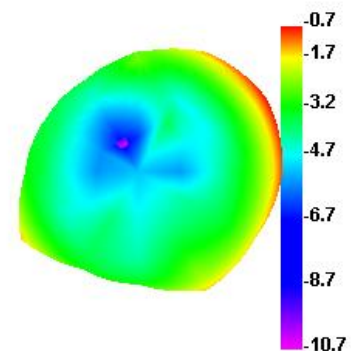
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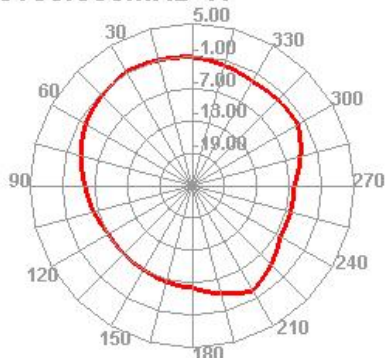
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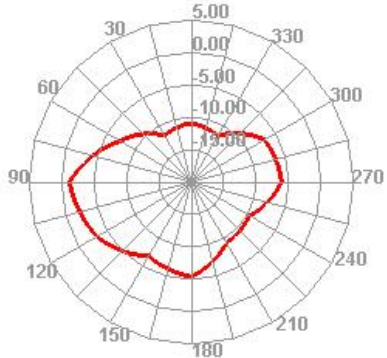
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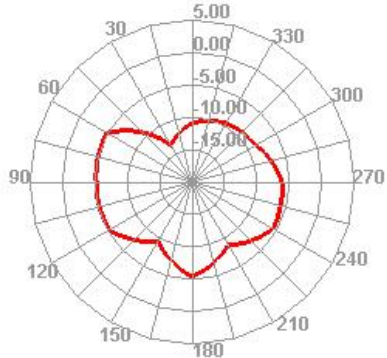
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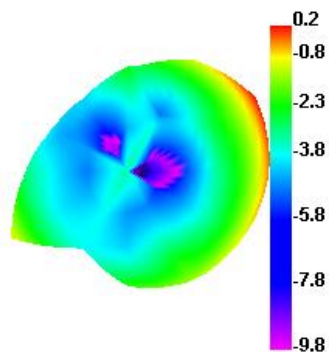
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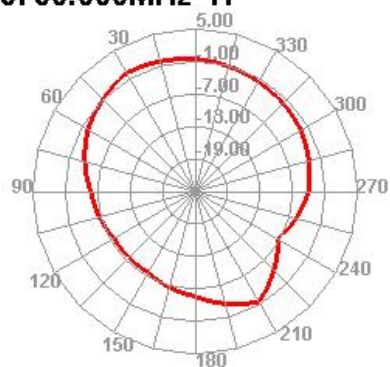
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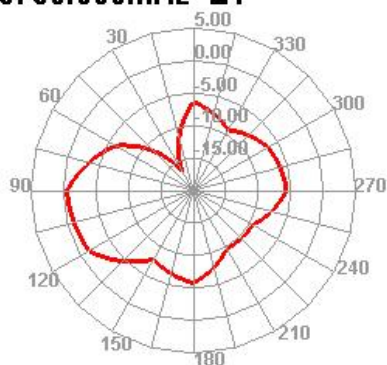
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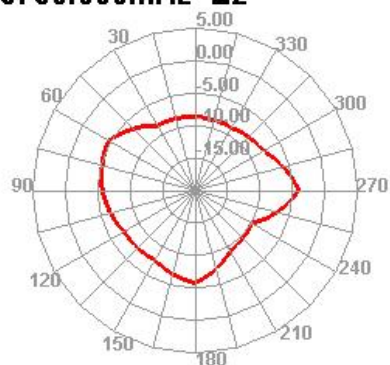
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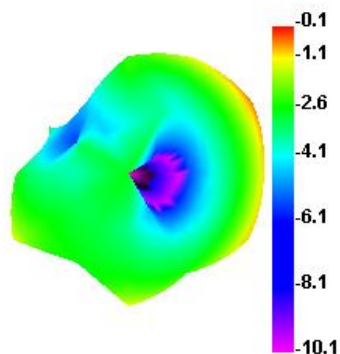
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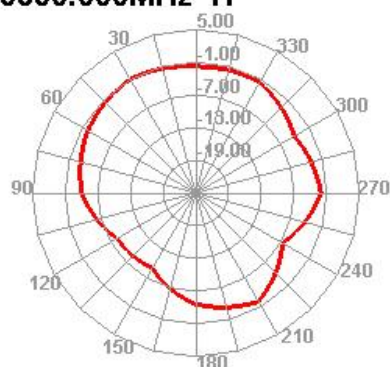
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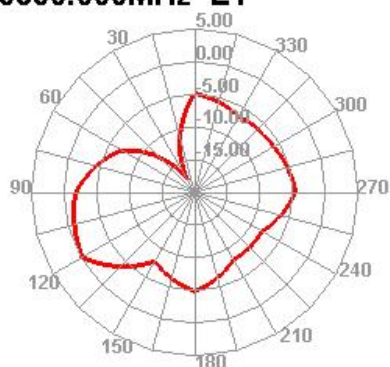
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

