

2.4GHz WIFI RF

PCB Onboard Antenna

Applications

*Bluetooth / Wireless LAN/Home RF

*ISM band 2.4GHz Applications

Specifications

Frequency: 2400MHz--2500MHz

Application equipment: 2.4G IEEE802.11b/g Equipment

Gain: 1.21dBi

Radiation type: omni-directional

Impedance: 50 Ohm

VSWR: <2.0

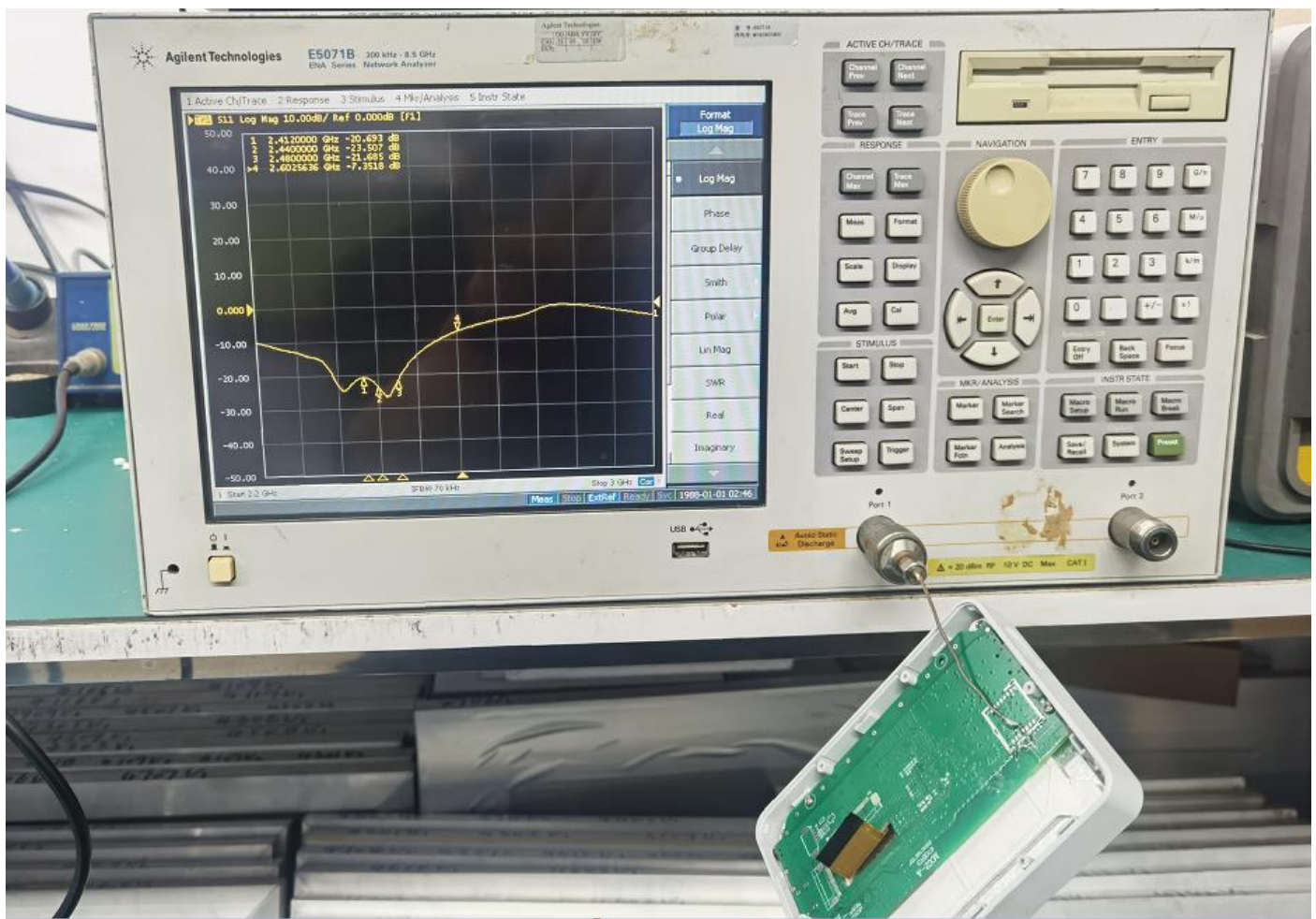
Polarization mode: Vertical and horizontal Length:

30mm (11.3x5.2mm)

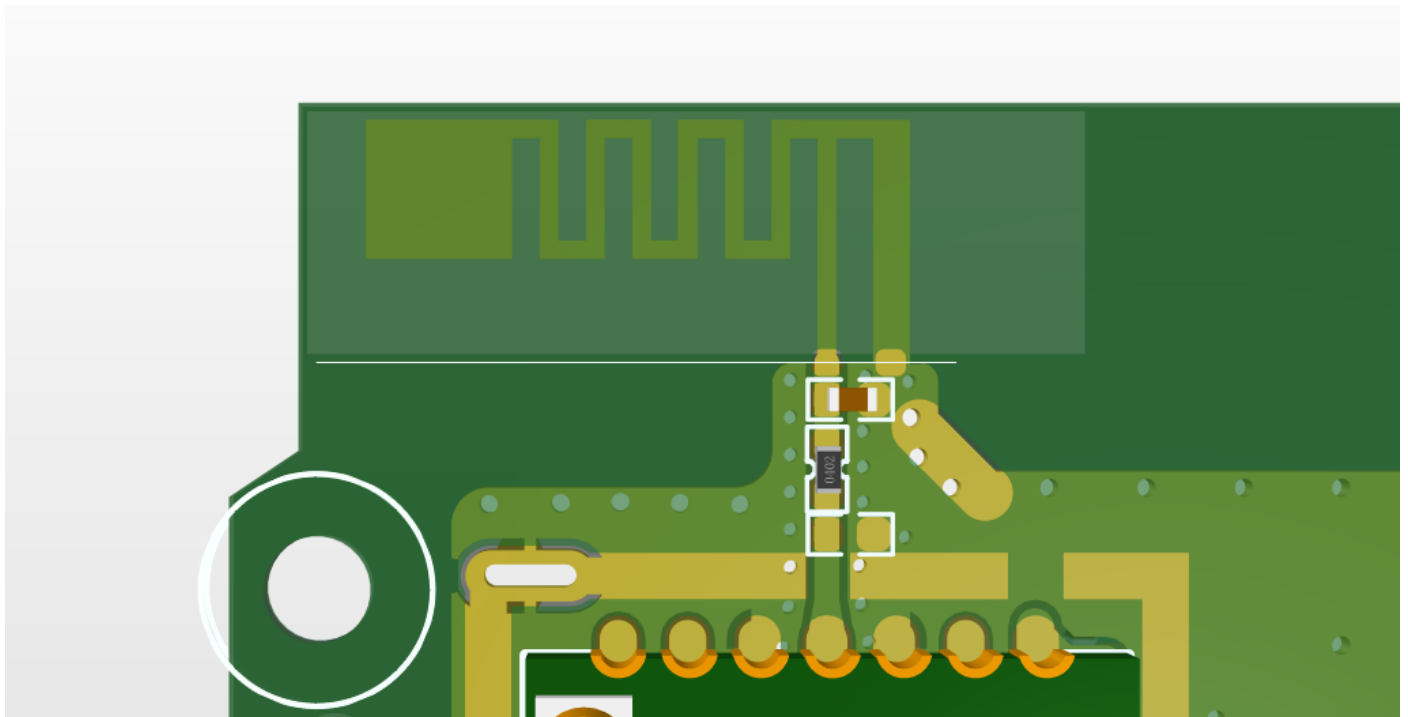
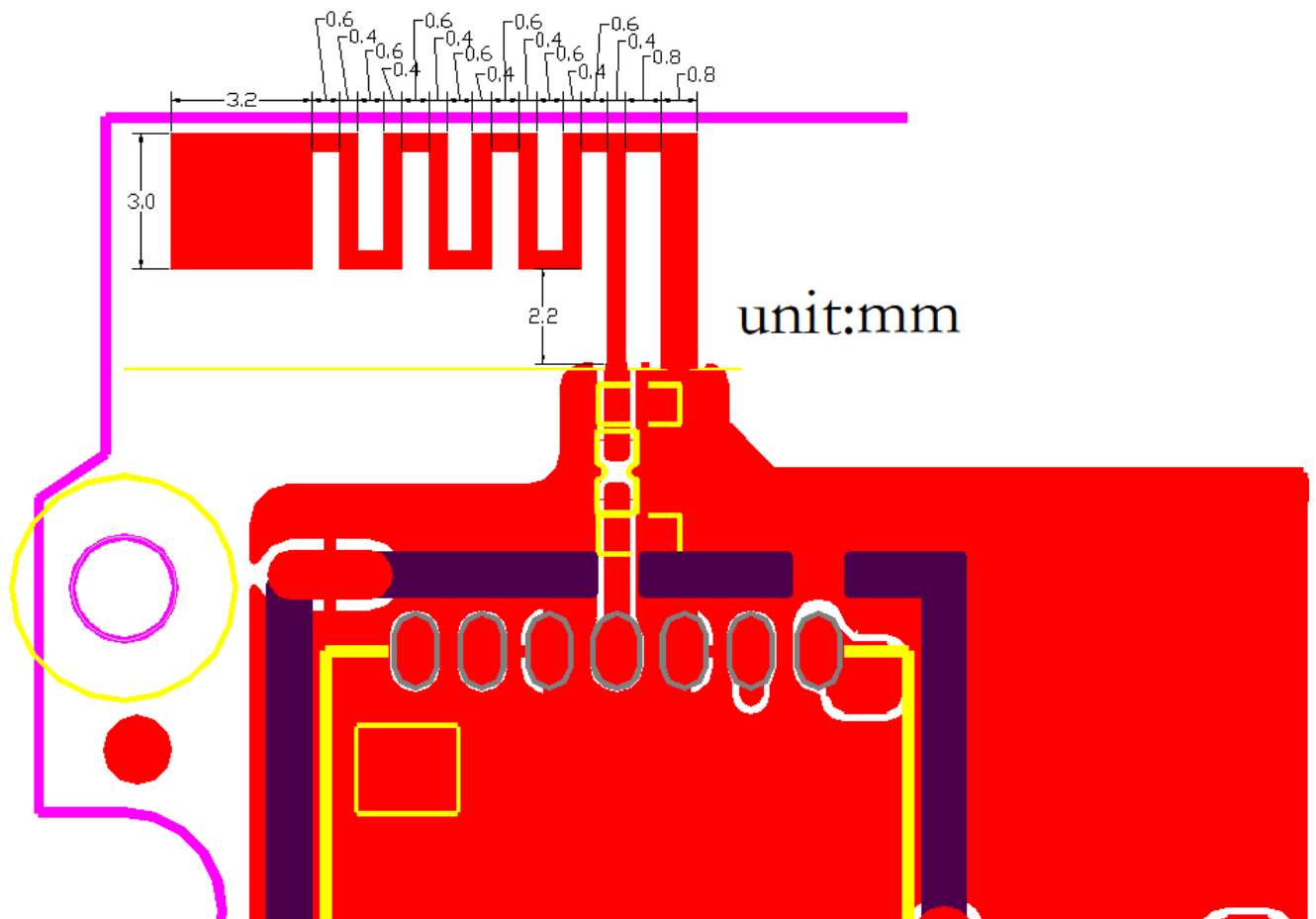
Operating Temperature Range: -40--+85°

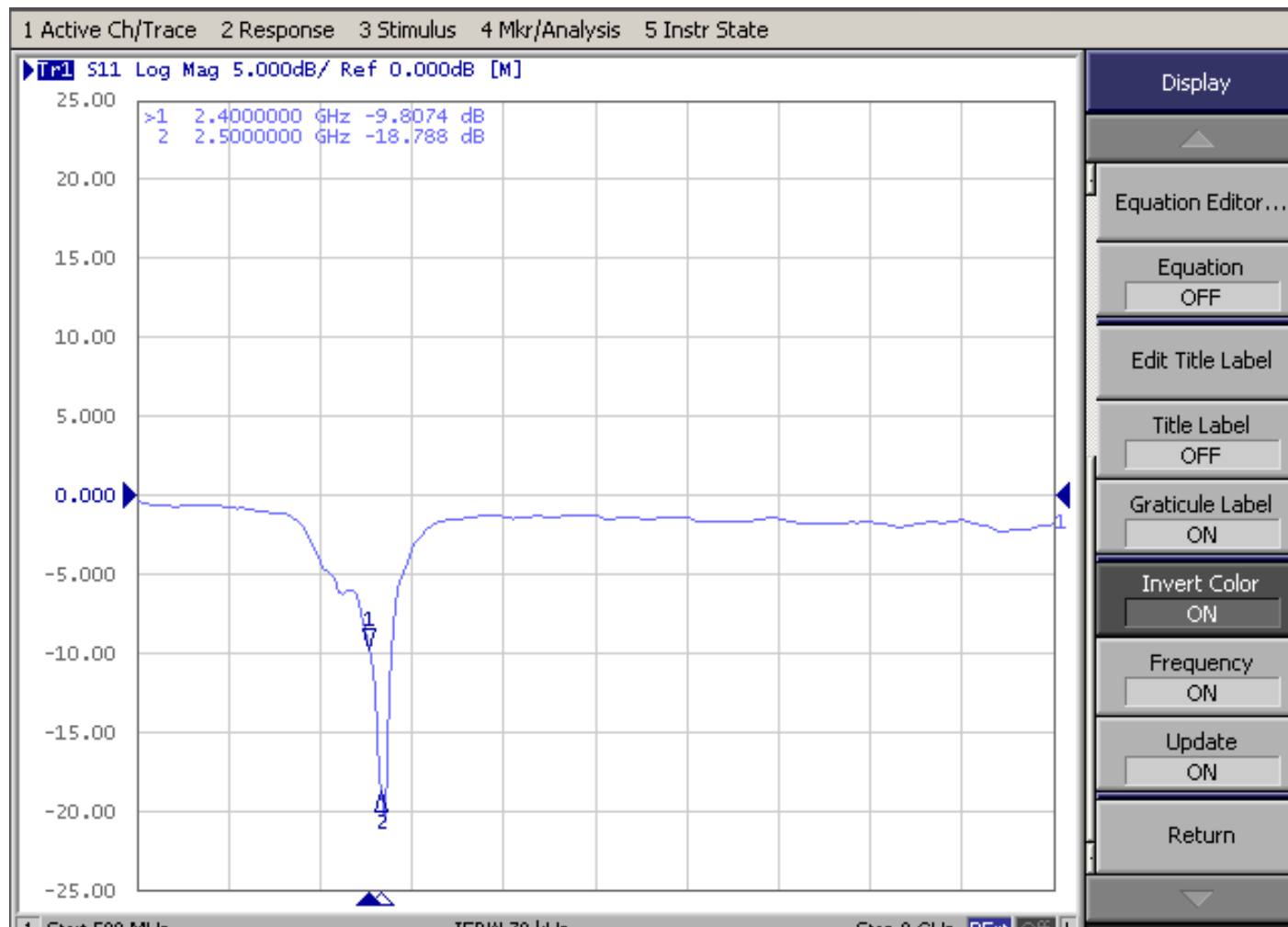
Manufacturer: MATATALAB CO., LTD

Address: NO. 504, Building B, Jianxing Technology Building, Nanshan District, Shenzhen,Guangdong, China



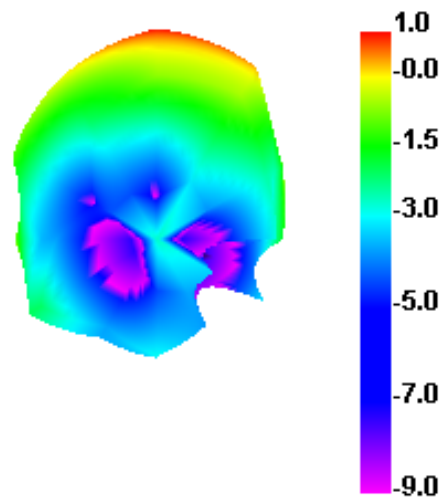
Antenna size diagram



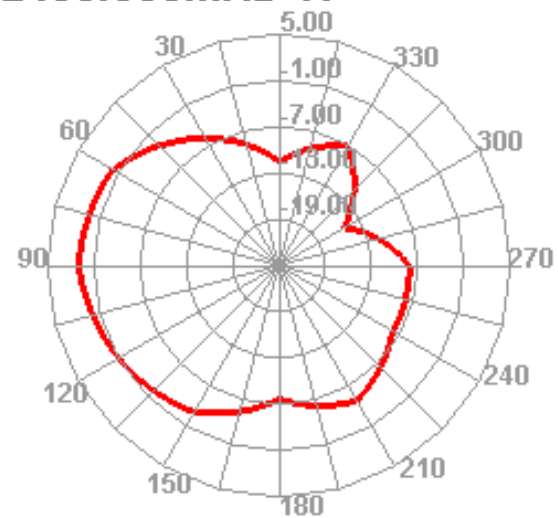


Freq (MHz)	Effi (%)	Gain (dBi)
2400	30.55	0.97
2410	30.92	1.11
2420	30.95	1.21
2430	30.17	1.14
2440	28.51	0.94
2450	25.77	0.57
2460	25.22	0.55
2470	24.93	0.56
2480	25.45	0.7
2490	25.91	0.83
2500	24.42	0.66

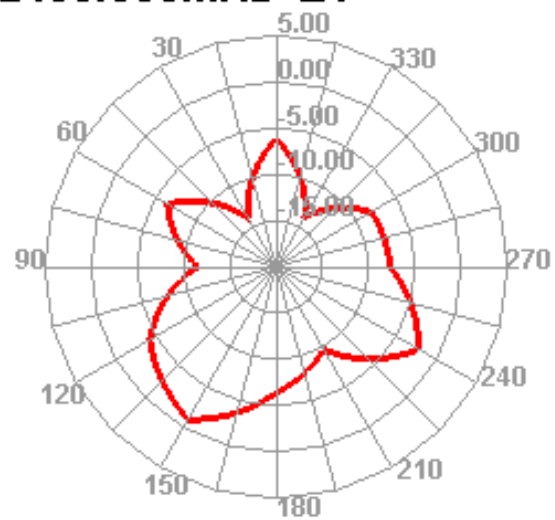
2400.000MHz



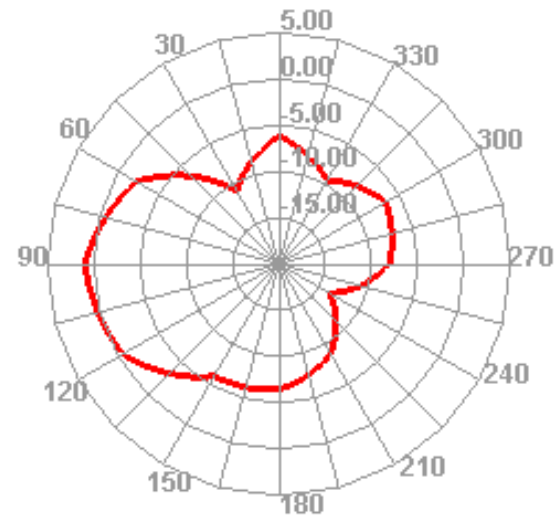
2400.000MHz H



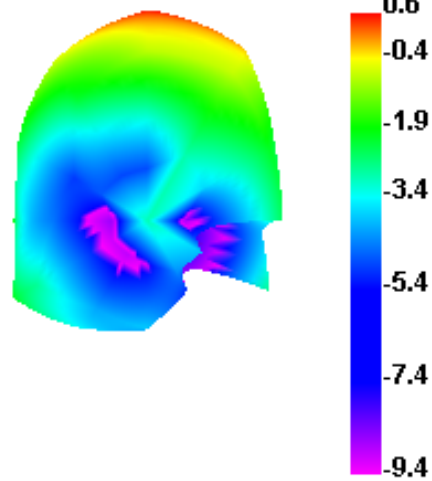
2400.000MHz E1



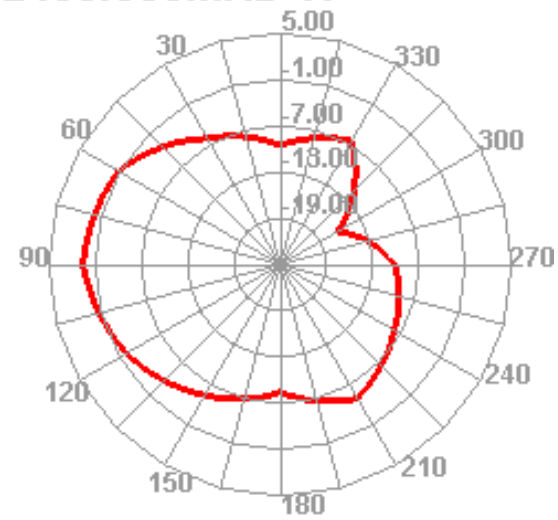
2400.000MHz E2



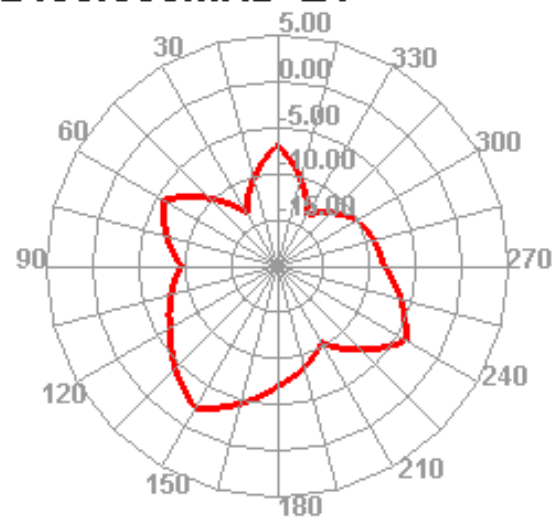
2450.000MHz



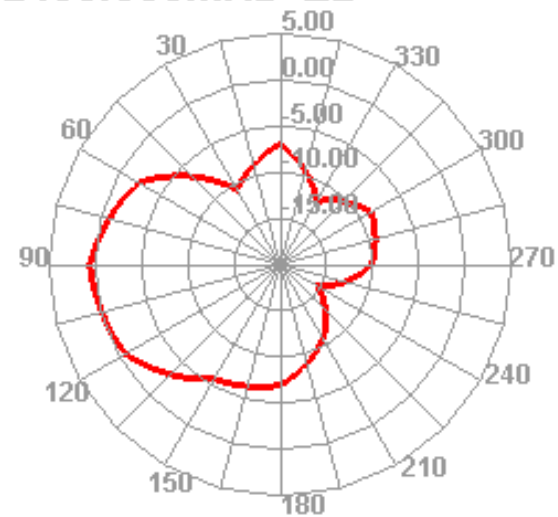
2450.000MHz H



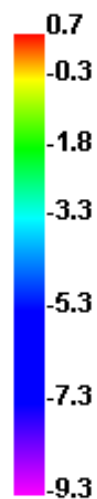
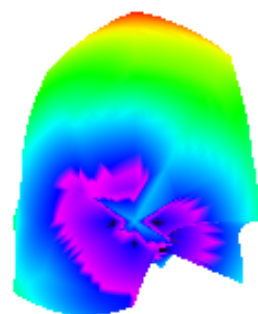
2450.000MHz E1



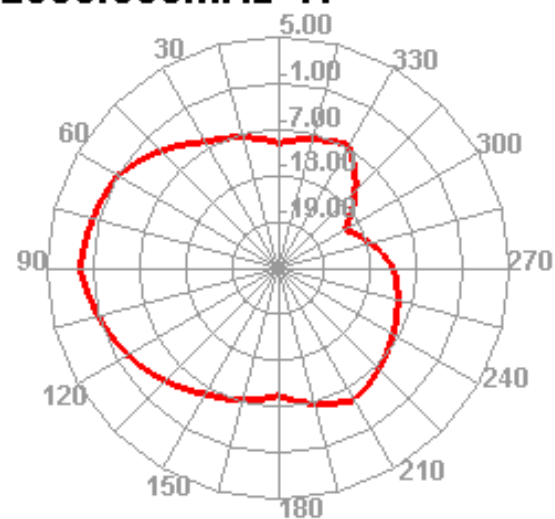
2450.000MHz E2



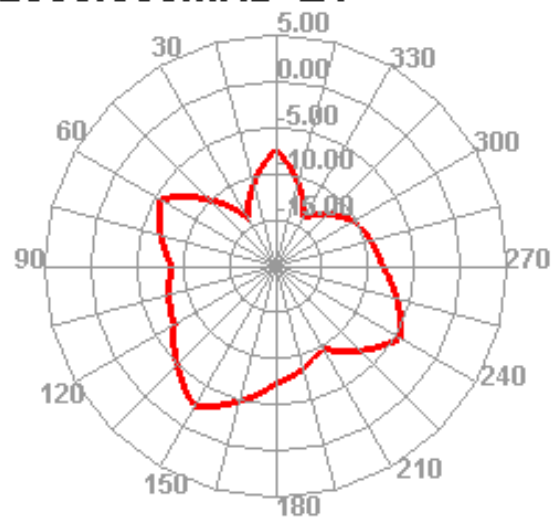
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

