ANTENNA TEST REPORT

Applicant	Guangdong Leetac Electronics Technology Co .,Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.

Manufacturer or Supplier	Guangdong Leetac Electronics Technology Co .,Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.
Product	Antenna
Brand Name	N/A
Model	ANT02
Max. Peak Gain	0.26 dBi
Date of tests	Dec. 13, 2022

Tested by Andy Zhu Supervisor / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Dec. 19, 2022

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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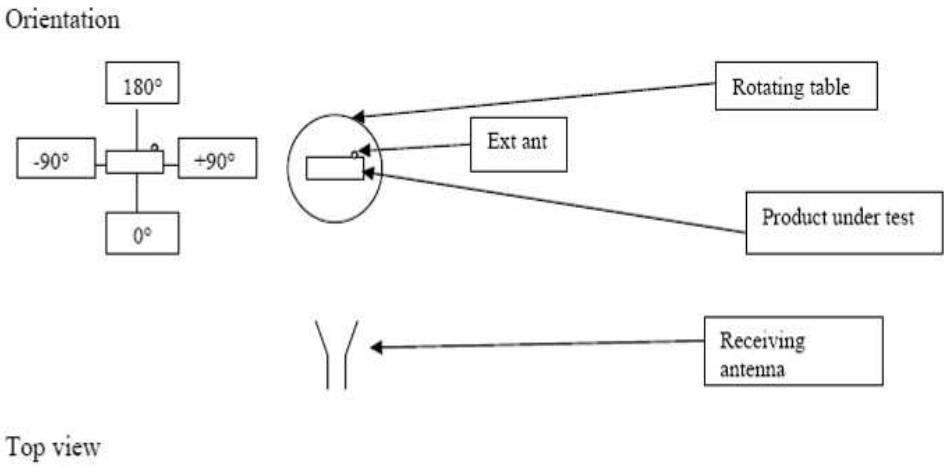
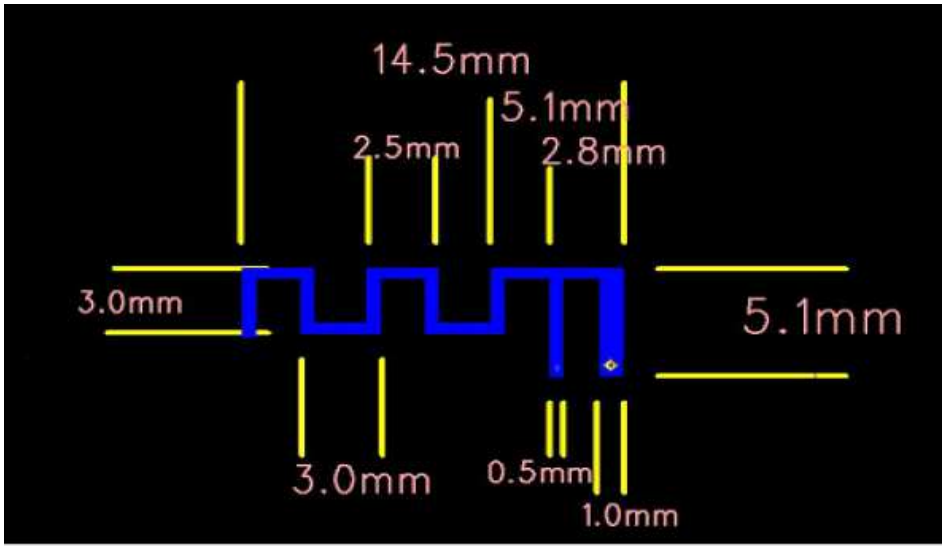
1. MEASUREMENTS SETUP



2. SIZE OF THE ANTENNA



3. TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Signal Generator	Agilent	N5183A	MY50140980	Jul. 20, 23
Spectrum Analyzer	Rohde&Schwarz	FSV40	101003	Jan. 16, 23
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1247	Apr. 23, 23
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9120 B	00740	Jul. 20, 23
Turn Table	MF	MF-7802	MF780208191	N/A
Controller	MF	MF-7802	MF780208243	N/A
Test Software	BV ADT	BV ADT Antenna Pattern	V6.2	N/A

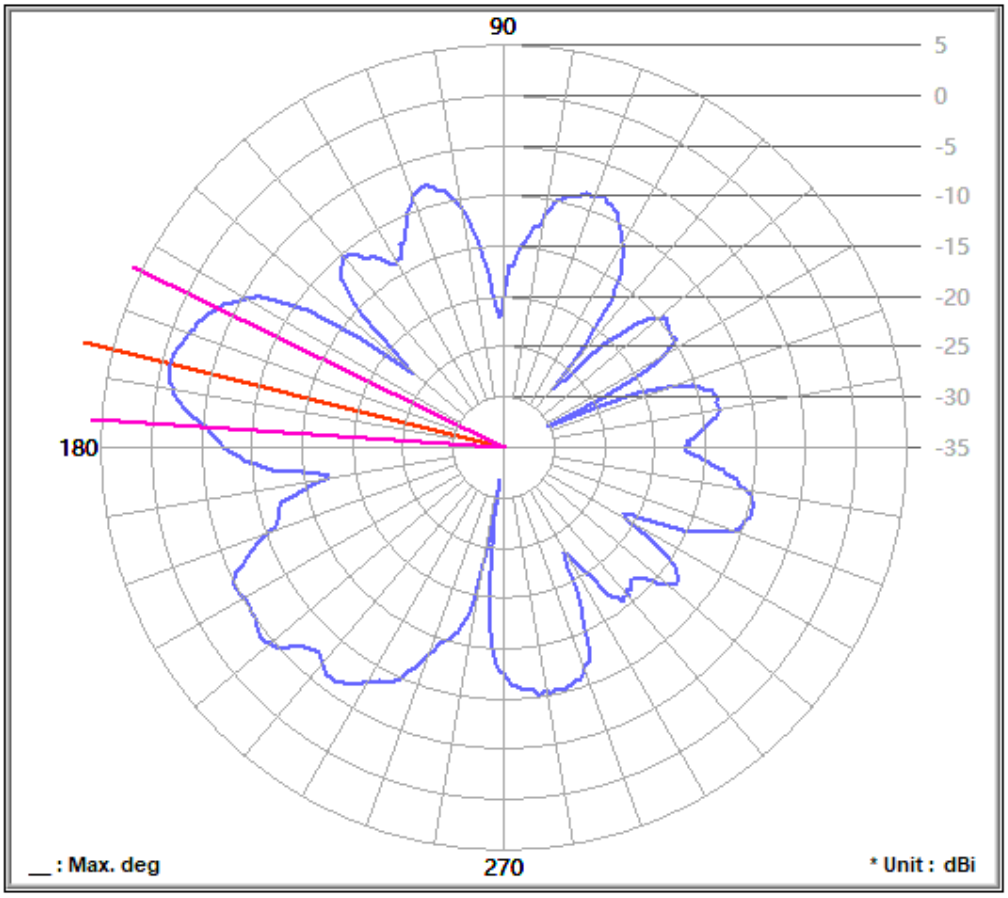
NOTE: 1. The test was performed in Fully Anechoic Room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

4. TEST RESULTS

ANTENNA	FREQUENCY (MHz)	ANTENNA POLARITY	MAX. PEAK GAIN (dBi)
PCB	2402	Horizontal	-0.86
		Vertical	-1.13
	2440	Horizontal	0.10
		Vertical	-0.47
	2480	Horizontal	**0.26**
		Vertical	-0.30

Frequency: 2402 MHz (Horizontal)

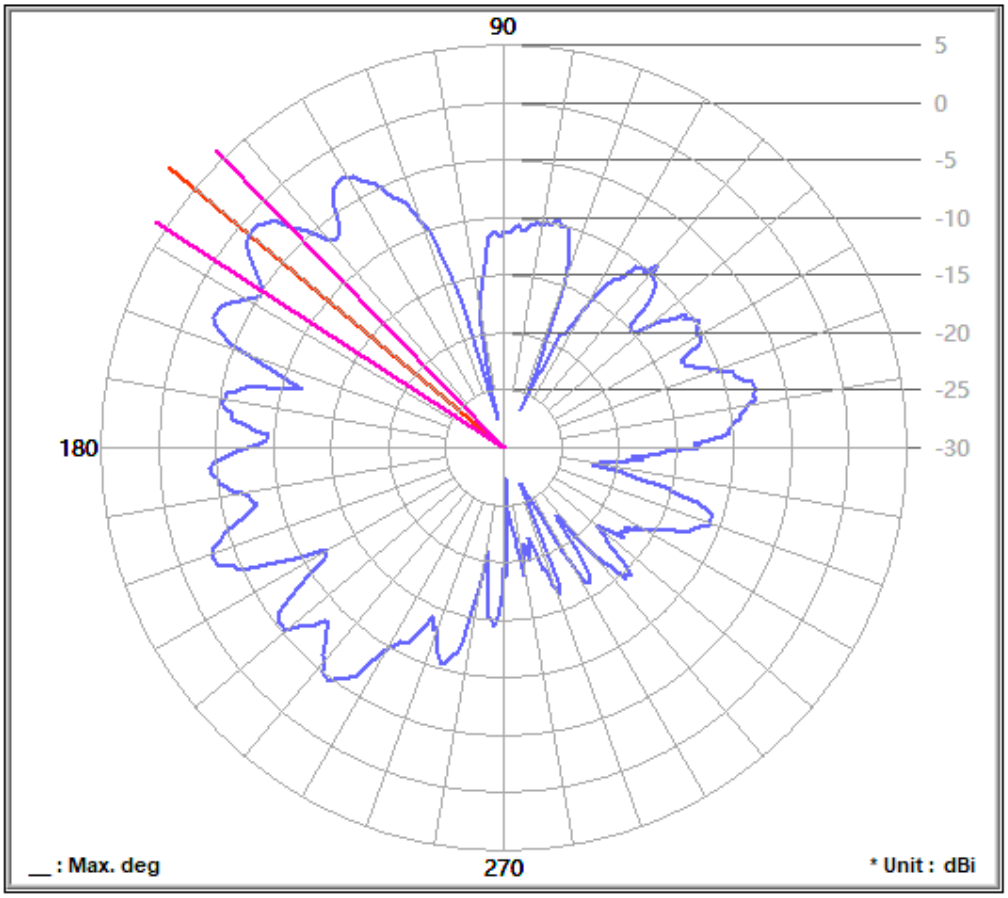
Location : RF Chamber Date: 2022/12/13 Time: 19:54:12



Frequency (MHz) : 2402.00	Polarity : Horizontal	Average Gain (dB) : -9.27
Max. Gain (dB) : -0.86	Max. Gain (degree) : 166	Beamwidth Degree : 22 (at the 3 dB down)
Mini. Gain (dB) : -31.76	Mini. Gain (degree) : 262	

Frequency: 2402 MHz (Vertical)

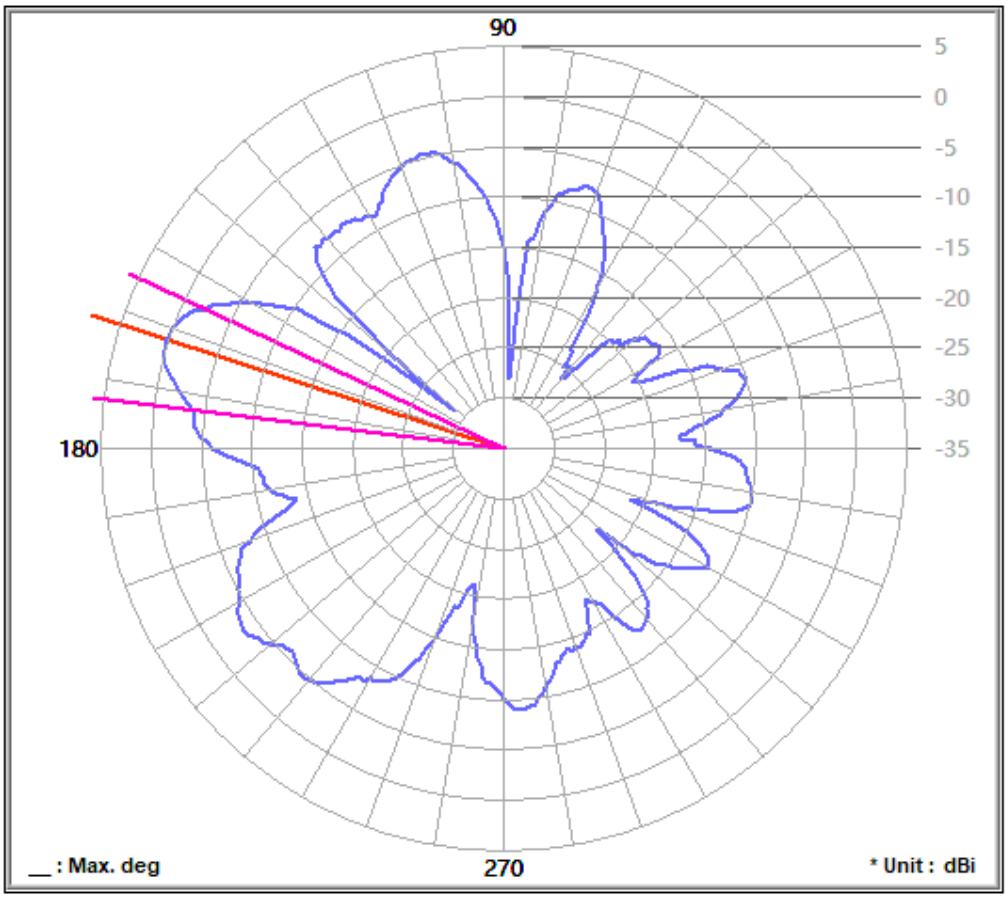
Location : RF Chamber Date: 2022/12/13 Time: 19:24:21



Frequency (MHz) : 2402.00	Polarity : Vertical	Average Gain (dB) : -8.44
Max. Gain (dB) : -1.13	Max. Gain (degree) : 140	Beamwidth Degree : 13 (at the 3 dB down)
Mini. Gain (dB) : -27.46	Mini. Gain (degree) : 103	

Frequency: 2440 MHz (Horizontal)

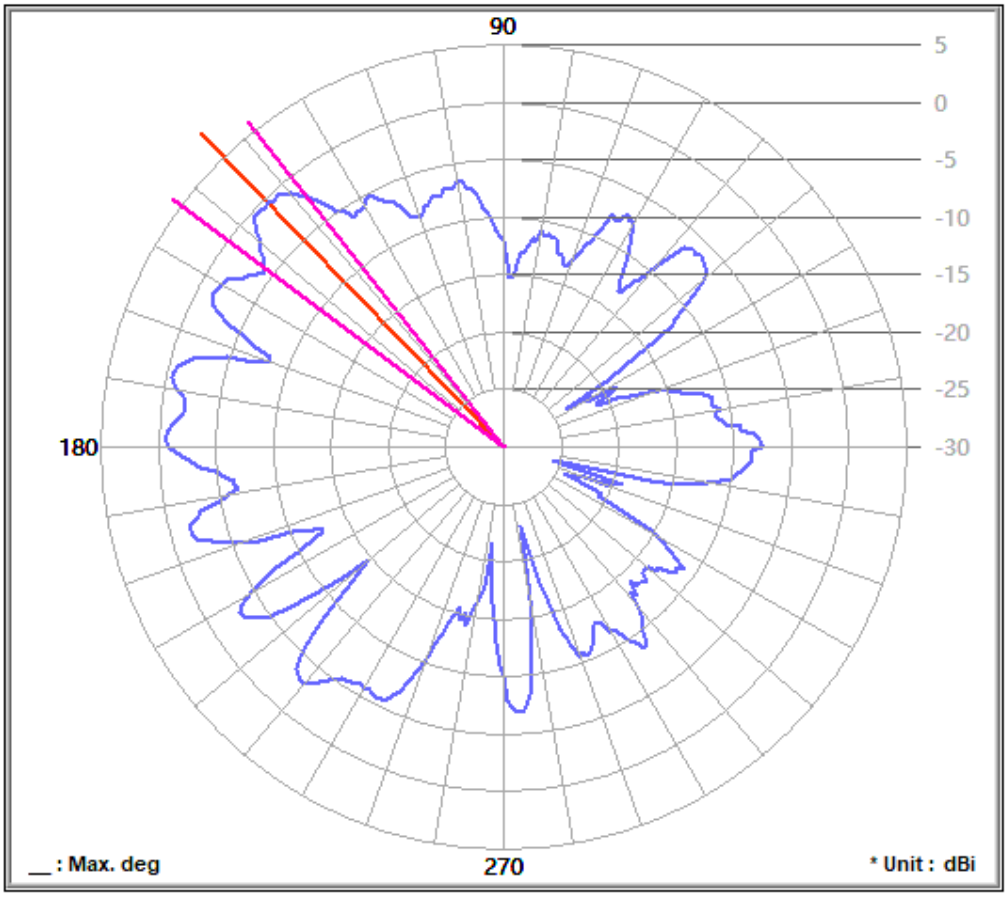
Location : RF Chamber Date: 2022/12/13 Time: 19:51:59



Frequency (MHz) : 2440.00	Polarity : Horizontal	Average Gain (dB) : -8.30
Max. Gain (dB) : 0.10	Max. Gain (degree) : 162	Beamwidth Degree : 18 (at the 3 dB down)
Mini. Gain (dB) : -28.92	Mini. Gain (degree) : 142	

Frequency: 2440 MHz (Vertical)

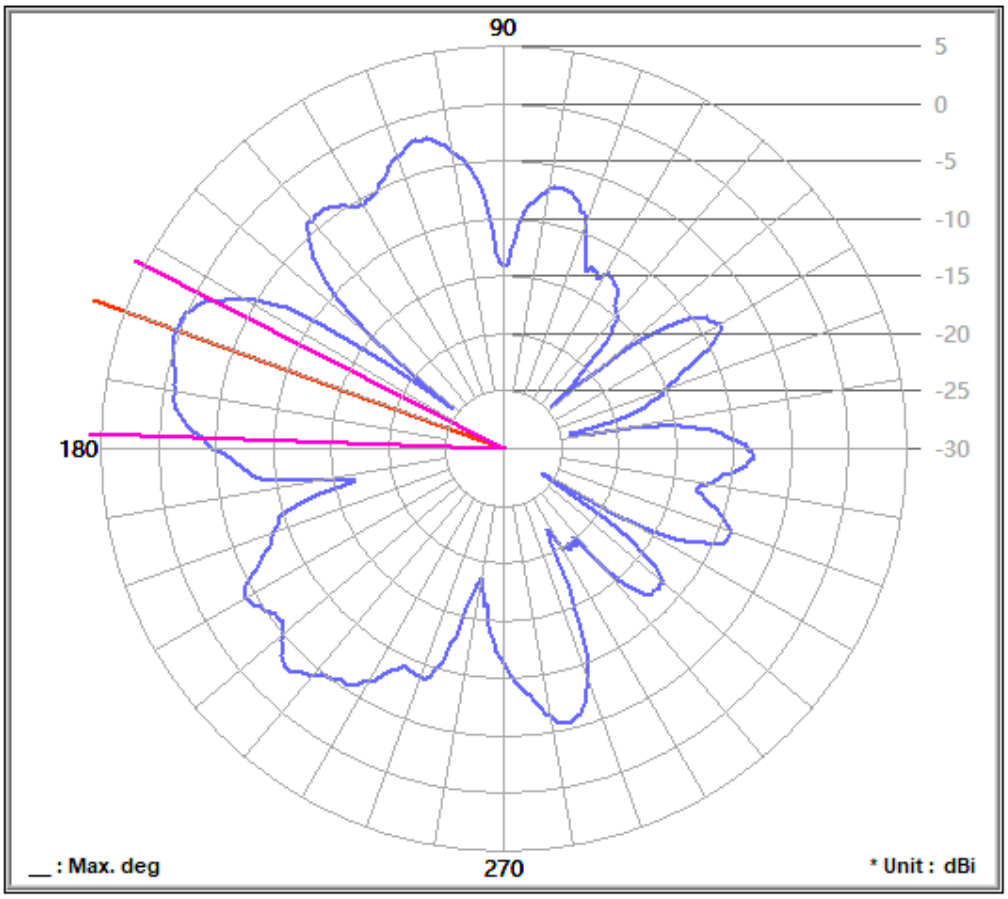
Location : RF Chamber Date: 2022/12/13 Time: 19:32:04



Frequency (MHz) : 2440.00	Polarity : Vertical	Average Gain (dB) : -6.71
Max. Gain (dB) : -0.47	Max. Gain (degree) : 134	Beamwidth Degree : 15 (at the 3 dB down)
Mini. Gain (dB) : -25.66	Mini. Gain (degree) : 345	

Frequency: 2480 MHz (Horizontal)

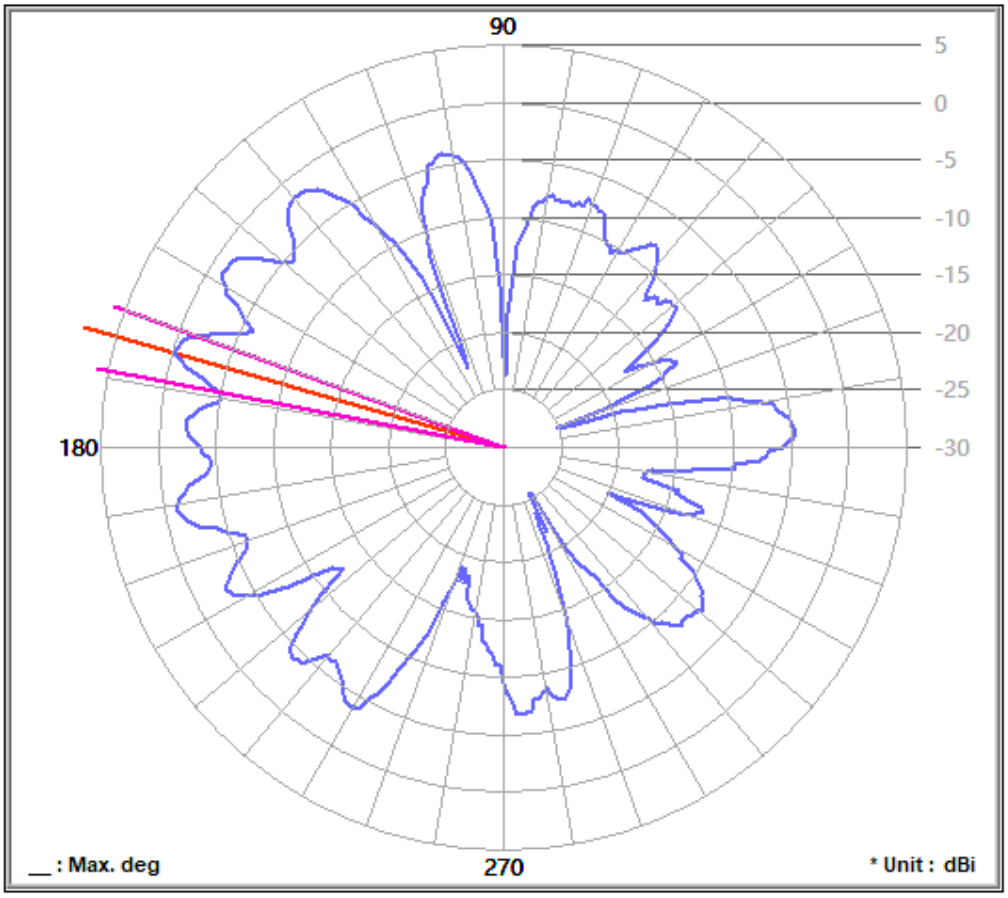
Location : RF Chamber Date: 2022/12/13 Time: 19:47:39



Frequency (MHz) : 2480.00	Polarity : Horizontal	Average Gain (dB) : -6.90
Max. Gain (dB) : 0.26	Max. Gain (degree) : 160	Beamwidth Degree : 25 (at the 3 dB down)
Mini. Gain (dB) : -26.16	Mini. Gain (degree) : 327	

Frequency: 2480 MHz (Vertical)

Location : RF Chamber Date: 2022/12/13 Time: 19:41:24



Frequency (MHz) : 2480.00	Polarity : Vertical	Average Gain (dB) : -6.67
Max. Gain (dB) : -0.30	Max. Gain (degree) : 164	Beamwidth Degree : 9 (at the 3 dB down)
Mini. Gain (dB) : -25.57	Mini. Gain (degree) : 299	