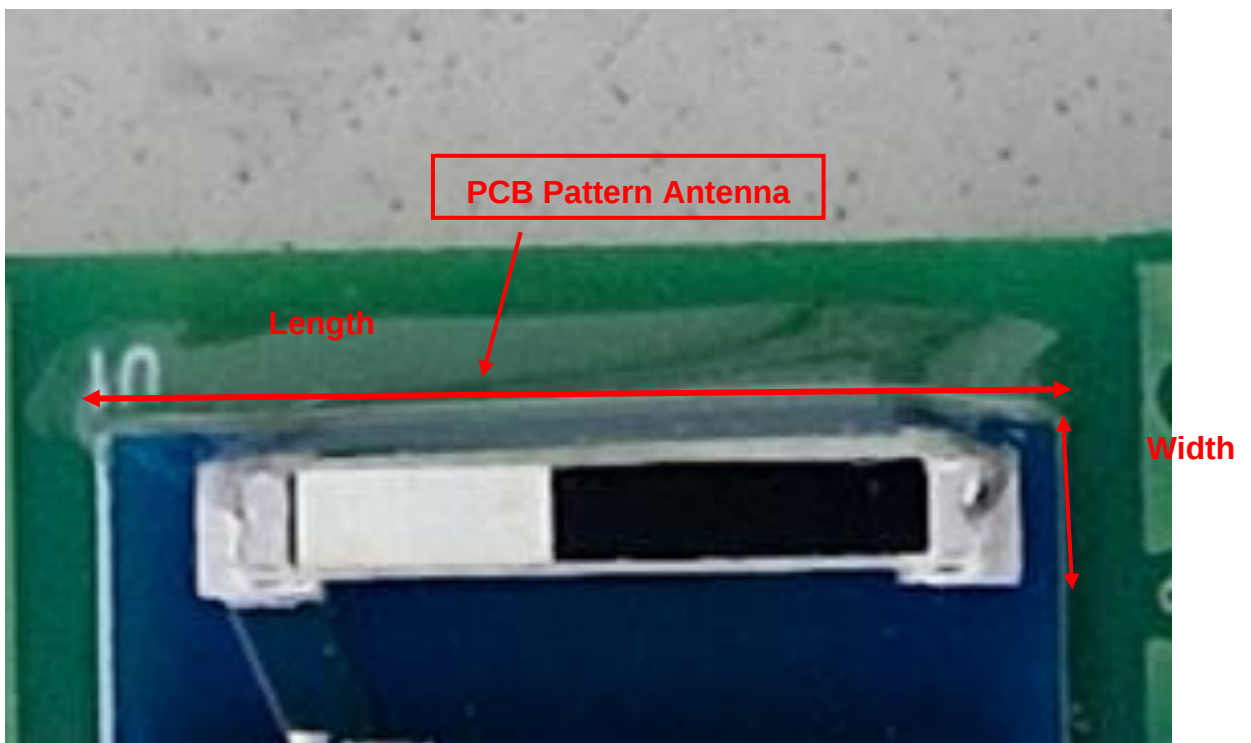


Antenna Information

Item	Contents
Antenna Type	Chip Antenna
Antenna peak gain	-0.65 dBi
Manufacturer / Model name	Raytac Corporation / MDBT50Q-1M
Address of manufacturer	8F., No. 788-1, Zhongzheng Rd., Zhonghe Dist., New Taipei City, 235, Taiwan
Test Laboratory	-
Antenna Length	0.8 cm
Antenna Width	0.1 cm

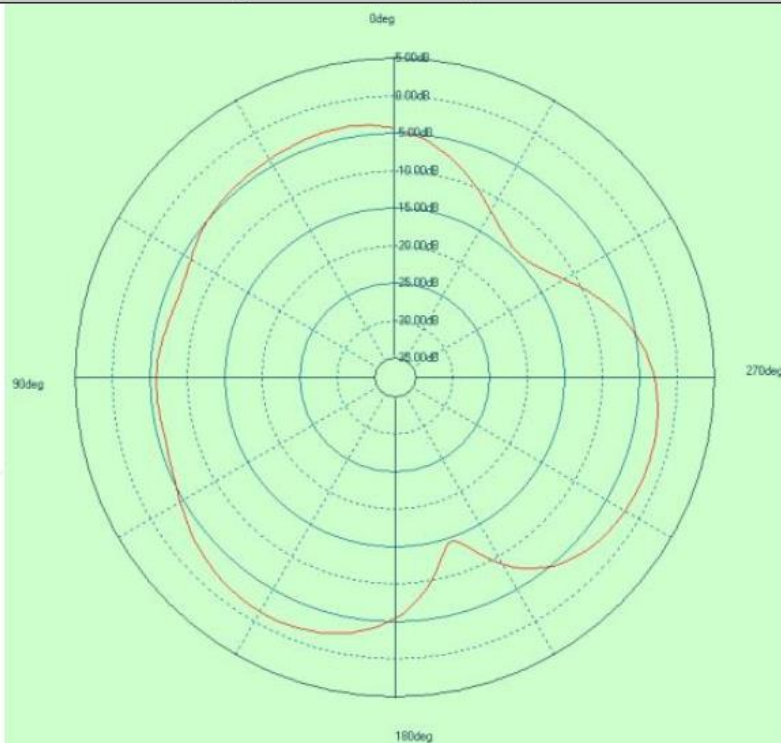


Model name: HEBS-L-2A

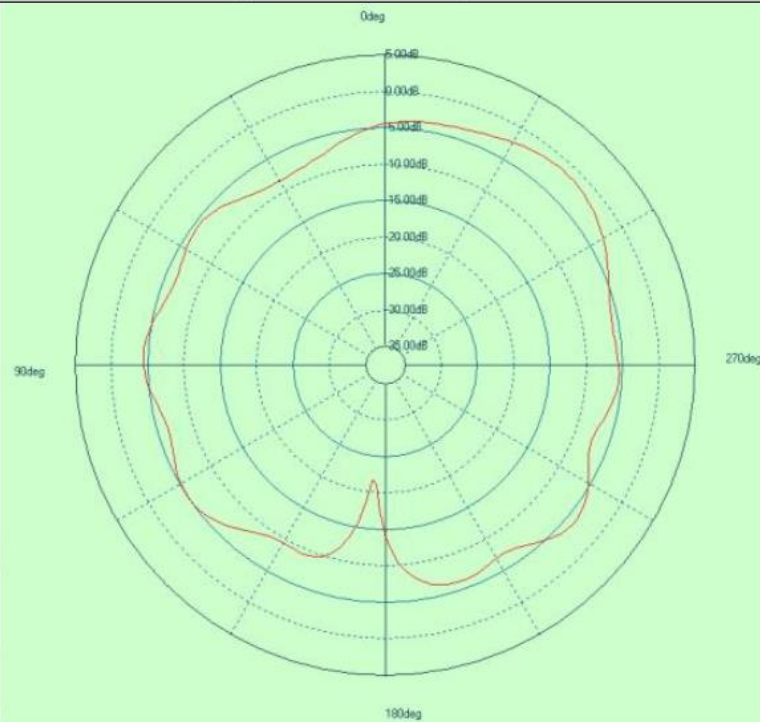
Antenna Gain and Efficiency

MDBT50Q (CHIP antenna)			
Freq(MHz)	Peak. dBi	Efficiency	Average . dBi
2400.00	-1.47	25.18%	-5.99
2410.00	-1.27	26.07%	-5.84
2420.00	-1.32	27.15%	-5.66
2430.00	-1.12	28.51%	-5.45
2440.00	-0.80	29.41%	-5.32
2450.00	-0.65	29.59%	-5.29
2460.00	-0.82	28.98%	-5.38
2470.00	-0.94	29.31%	-5.33
2480.00	-0.88	29.12%	-5.36
2490.00	-0.98	27.60%	-5.59
2500.00	-1.49	24.96%	-6.03

Free Space EIRP (2450 MHz) – XY cut



Free Space EIRP (2450 MHz) – XZ cut



Free Space EIRP (2450 MHz) – YZ cut

