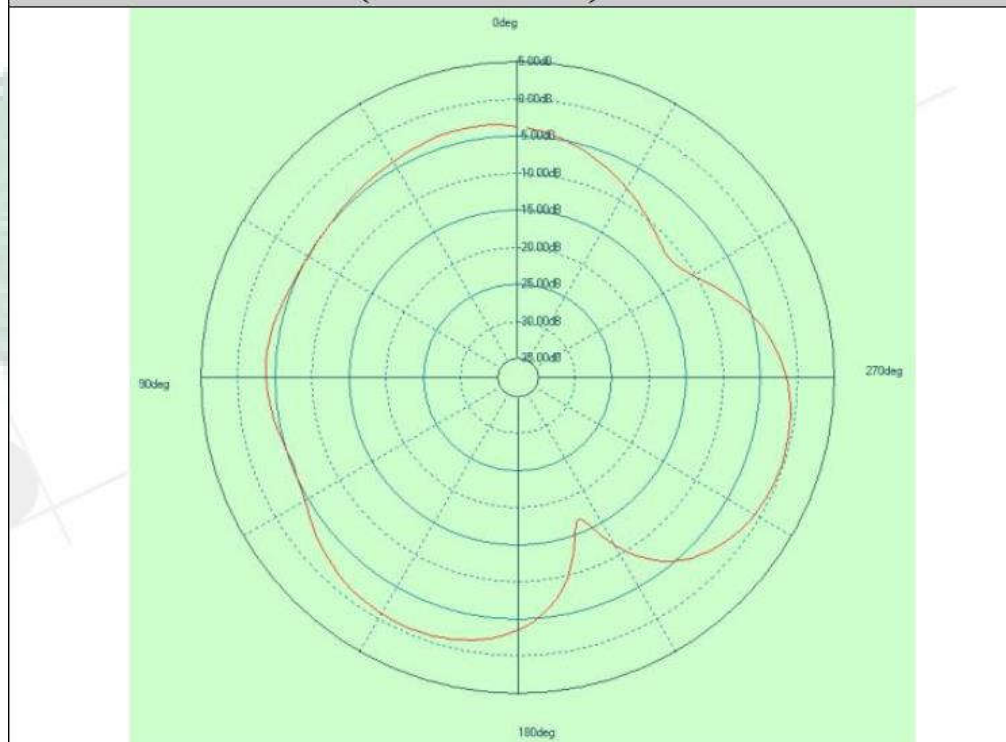


## 7.2. MDBT50Q-P

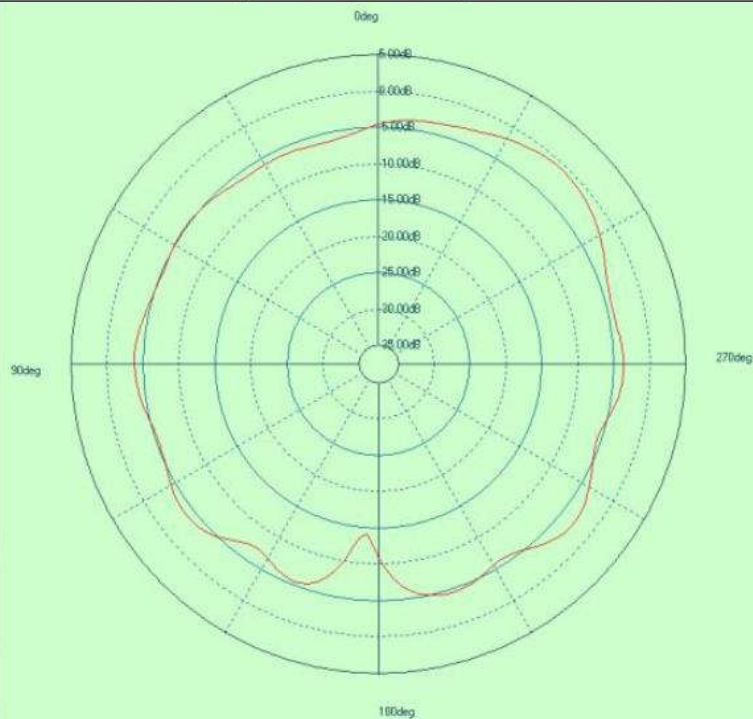
### Antenna Gain and Efficiency

| MDBT50Q (PCB antenna) |           |            |               |
|-----------------------|-----------|------------|---------------|
| Freq(MHz)             | Peak. dBi | Efficiency | Average . dBi |
| 2400.00               | -0.72     | 29.40%     | -5.32         |
| 2410.00               | -0.62     | 31.02%     | -5.08         |
| 2420.00               | -0.44     | 32.89%     | -4.83         |
| 2430.00               | -0.44     | 35.00%     | -4.56         |
| 2440.00               | 0.08      | 36.98%     | -4.32         |
| 2450.00               | 0.05      | 37.76%     | -4.23         |
| 2460.00               | 0.24      | 37.40%     | -4.27         |
| 2470.00               | 0.26      | 37.43%     | -4.27         |
| 2480.00               | 0.41      | 36.96%     | -4.32         |
| 2490.00               | 0.37      | 35.03%     | -4.56         |
| 2500.00               | -0.15     | 31.71%     | -4.99         |

### Free Space EIRP (2450 MHz) – XY cut



## Free Space EIRP (2450 MHz) – XZ cut



## Free Space EIRP (2450 MHz) – YZ cut

