

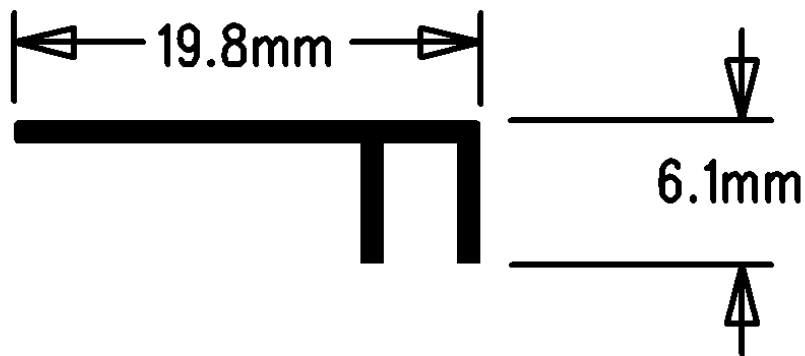


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## WB8819 ANTENNA SPECIFICATION

### 1. Antenna Sise

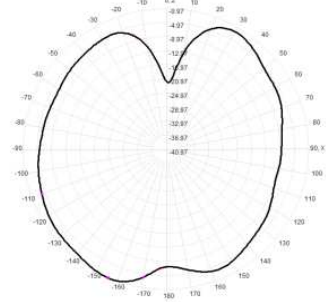


### 2. Antenna test parameter

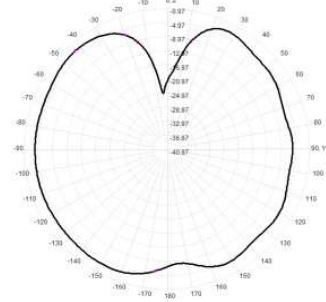
| Frequency(MHz) | Efficiency (dBi) | Gain (dBi) | Efficiency (%) |
|----------------|------------------|------------|----------------|
| 2400           | -5.06            | -0.88      | 31.20          |
| 2410           | -4.88            | -0.67      | 32.50          |
| 2420           | -4.84            | -0.67      | 32.80          |
| 2430           | -4.87            | -0.79      | 32.59          |
| 2440           | -4.67            | -0.66      | 34.15          |
| 2450           | -4.51            | -0.43      | 35.41          |
| 2460           | -4.46            | -0.15      | 35.81          |
| 2470           | -4.26            | 0.15       | 37.47          |
| 2480           | -4.08            | 0.19       | 39.11          |
| 2490           | -3.80            | 0.45       | 41.71          |
| 2500           | -3.45            | 0.69       | 45.23          |

### 3. Antenna 2D/3D drawing

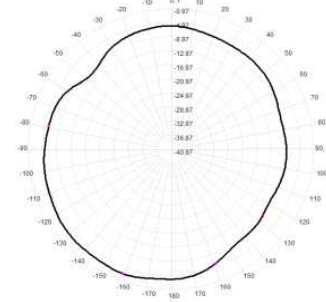
2400.0MHz Total(E1-XZ), Max=-0.97dBi



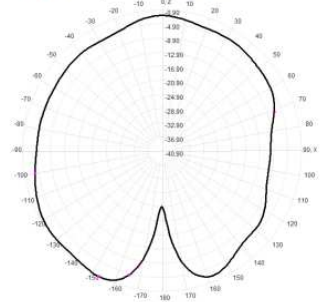
2400.0MHz Total(E2-YZ), Max=-3.04dBi



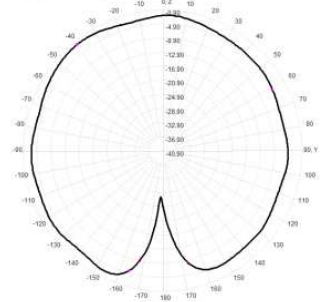
Total(H-XY), Max=-3.13dBi, CrD=7.04



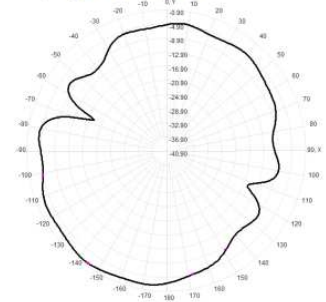
2440.0MHz Total(E1-XZ), Max=-0.90dBi



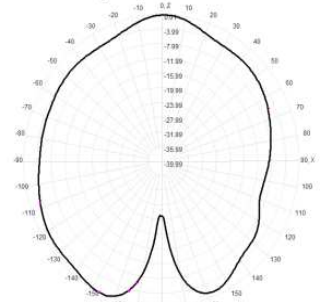
2440.0MHz Total(E2-YZ), Max=-2.05dBi



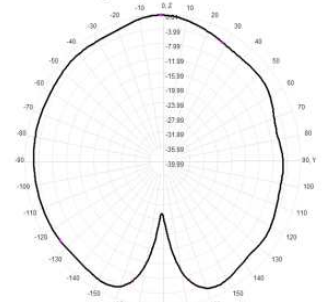
Total(H-XY), Max=-1.94dBi, CrD=16.56



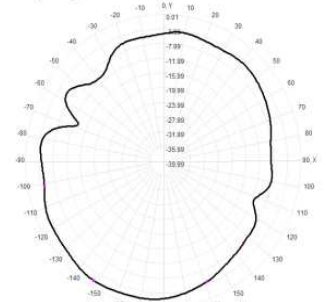
2480.0MHz Total(E1-XZ), Max=0.01dBi



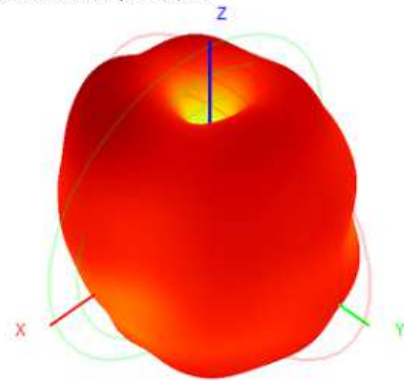
2480.0MHz Total(E2-YZ), Max=-0.23dBi



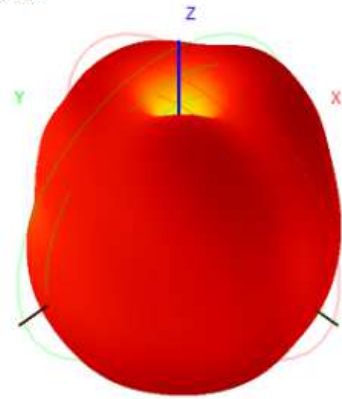
Total(H-XY), Max=-1.81dBi, CrD=11.66



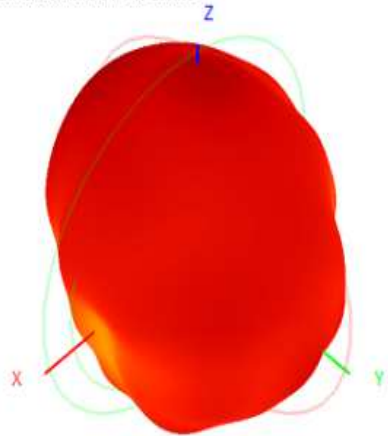
2400.0MHz H+V, Eff: 31.2%



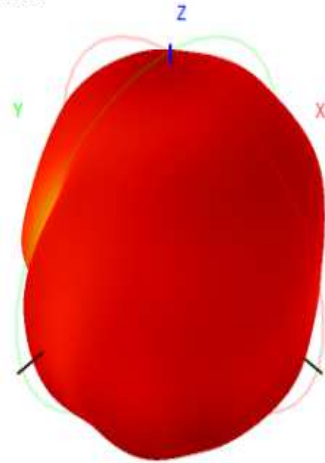
Back View



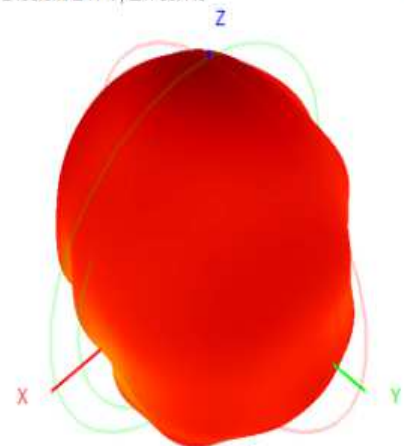
2440.0MHz H+V, Eff: 34.1%



Back View



2480.0MHz H+V, Eff: 39.1%



Back View

