



### 1、 Frequency Band

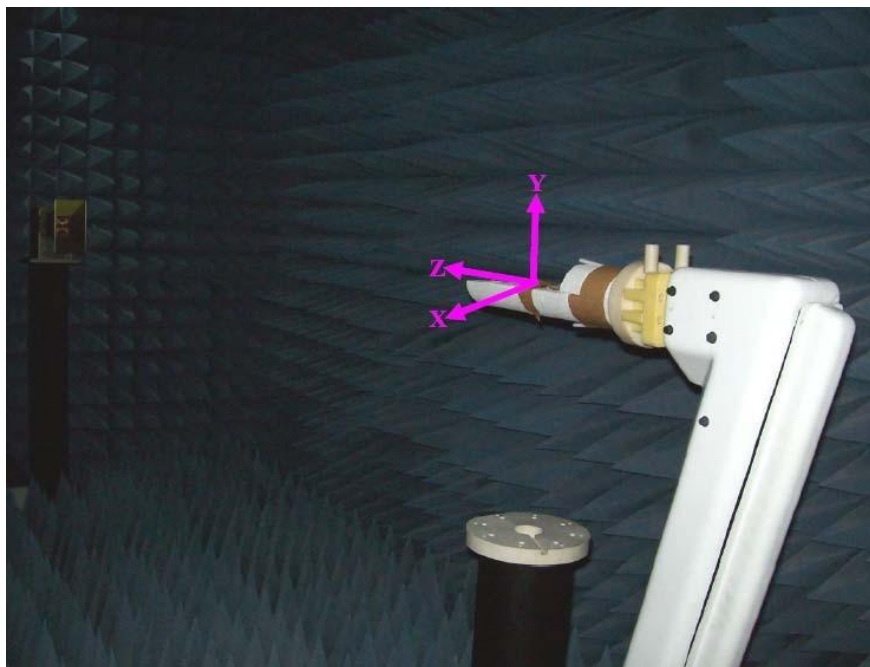
Tx:2400MHz~2480 MHz

Rx:2400 MHz ~2480 MHz

### 2、 Antenna Parameters summary(2440MHz)

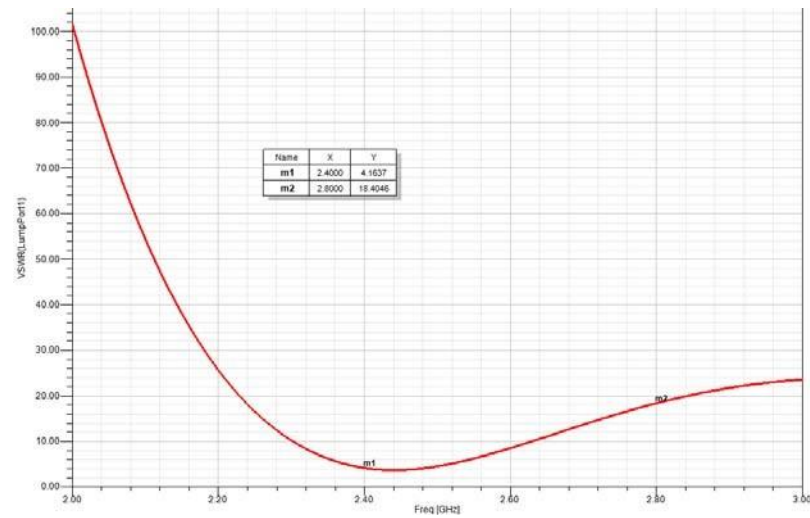
|  | Quantity             | Value    | Units |
|--|----------------------|----------|-------|
|  | Max U                | 0.011026 | W/sr  |
|  | Peak Directivity     | 1.3592   |       |
|  | Peak Gain            | -6.93    |       |
|  | Peak Realized Gain   | 0.13856  |       |
|  | Radiated Power       | 0.10194  | W     |
|  | Accepted Power       | 0.67157  | W     |
|  | Incident Power       | 1        | W     |
|  | Radiation Efficiency | 0.1518   |       |
|  | Front to Back Ratio  | 1.2237   |       |
|  | Decay Factor         | 0        |       |

### 3、 Plane definition



|                 |                  |
|-----------------|------------------|
| <b>XY-plane</b> | <b>Theta=90°</b> |
| <b>XZ-plane</b> | <b>Phi=0°</b>    |
| <b>YZ-plane</b> | <b>Phi=90°</b>   |

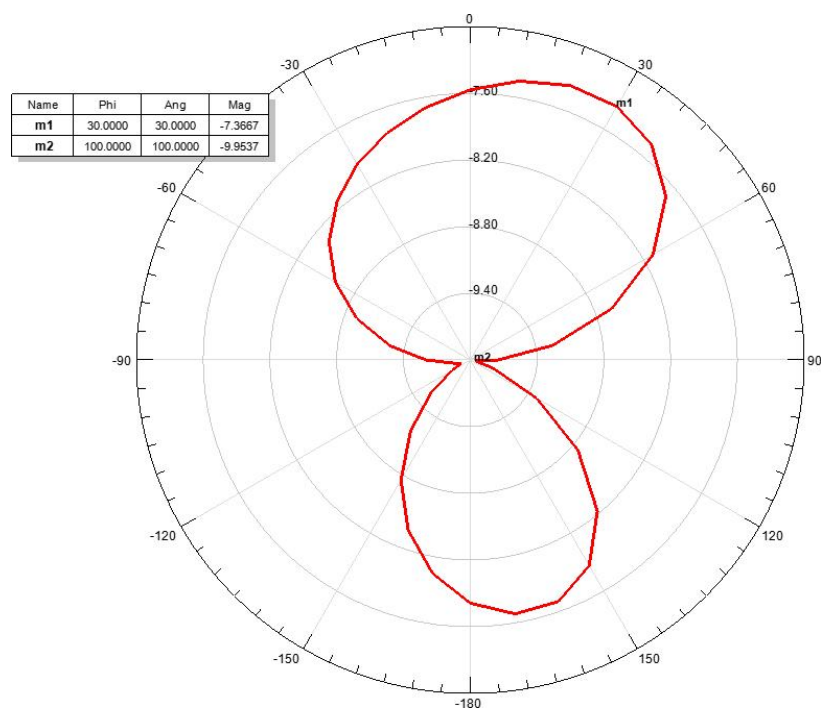
#### 4、VSWR



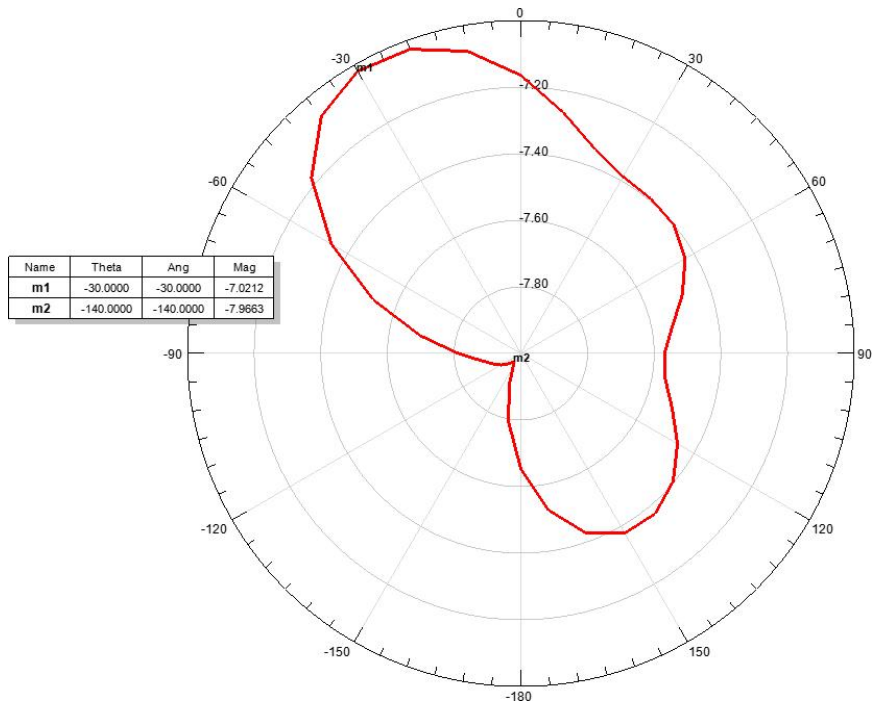
#### 5、Radiation Patterns(GAIN @ 2440MHz)

| Plane           | XY    |       |       | XZ   |       |       | YZ    |       |       |
|-----------------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| Frequency(MHz)  | 2400  | 2440  | 2480  | 2400 | 2440  | 2480  | 2400  | 2440  | 2480  |
| Peak Gain (dBi) | -7.35 | -7.36 | -7.37 | -7.1 | -7.02 | -7.15 | -6.98 | -6.93 | -7.05 |

#### XY-Plane



#### XZ-Plane



YZ-Plane

