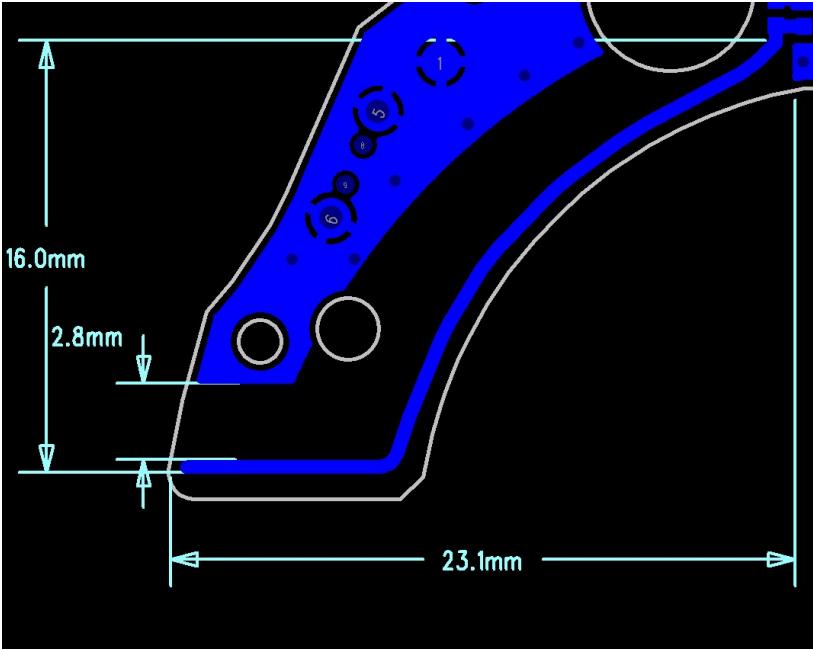


Antenna describe

|                |                 |
|----------------|-----------------|
| Antenna plate  | PCB antenna     |
| Model name     | TX001           |
| Antenna gain   | 1.13dBi (MAX)   |
| Frequecy range | 2402MHZ-2480MHZ |
| Connector type | Direct          |



# Parameter

|                           |            |        |        |
|---------------------------|------------|--------|--------|
| Model                     | TX001      |        |        |
| Test/Plsition             | 2D FS Gain |        |        |
| Frequency (MHz)           | 2402       | 2441   | 2480   |
| Ant.Port Input Pwr. (dBm) | 0          | 0      | 0      |
| Tot.Rad.Pwr. (dBm)        | -2.28      | -0.41  | -1.13  |
| Peak EIRP (dBm)           | -1.73      | 0.40   | 0.45   |
| Directivity(dBi)          | 1.74       | 1.64   | 2.44   |
| Efficiency(dB)            | -4.47      | -0.51  | -1.34  |
| Gain(dBi)                 | -2.73      | 1.13   | 1.10   |
| Front/Back Ratio(dB)      | 0.82       | 3.11   | 4.98   |
| Beamwidth(° )             | 94.00      | 126.00 | 128.00 |
| +Beamwidth(° )            | 41.00      | 36.00  | 39.00  |
| -Beamwidth(° )            | 53.00      | 90.00  | 90.00  |
| Boresight Angle(° )       | 10.00      | 240.00 | 235.00 |
| Maximum Power(dBm)        | -2.73      | 1.13   | 1.10   |
| Minimum Power(dBm)        | -10.30     | -3.38  | -4.81  |
| Average Power(dBm)        | -4.43      | -0.50  | -1.36  |
| Max/Min Ratio(dB)         | 7.57       | 4.51   | 5.91   |
| Max/Avg Ratio(dB)         | 1.70       | 1.63   | 2.46   |
| Min/Avg Ratio(dB)         | -5.87      | -2.78  | -3.45  |
| Average Gain(dB)          | -4.47      | -0.51  | -1.34  |
| NOTE                      |            |        |        |

# 2D Plan

