

Antenna report for 60G radar A5L2A

16th, May, 2025

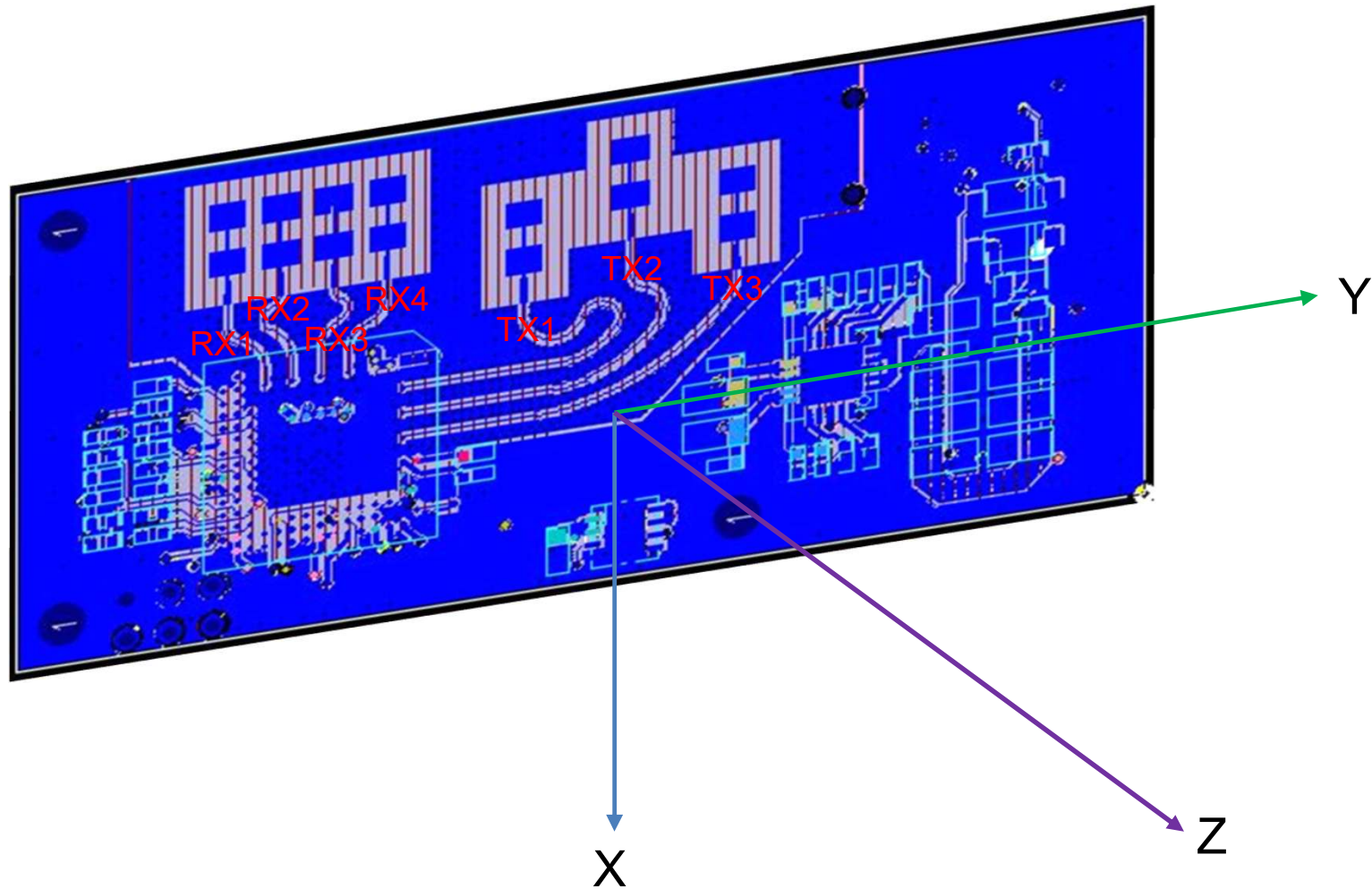
Outline

- **Antenna information**
- **Antenna gain pattern**
- **Summary table**

Antenna information

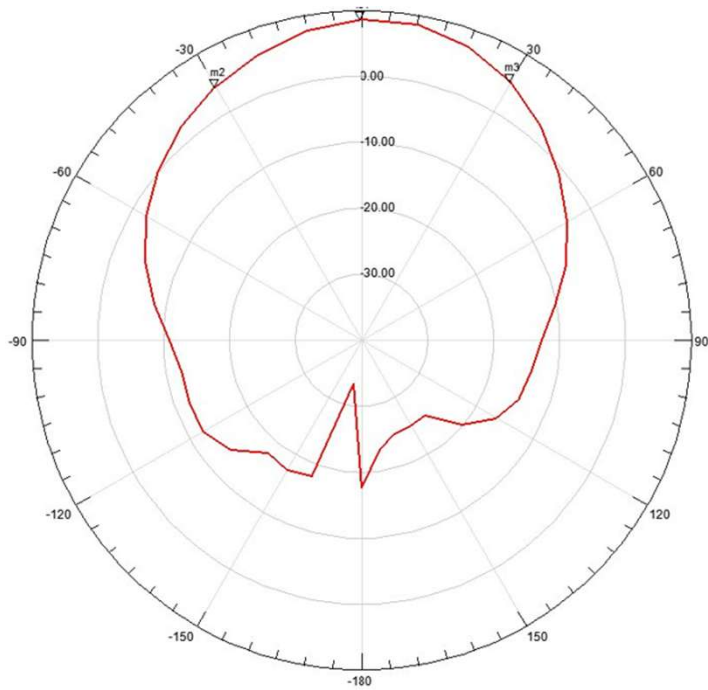
- Antenna Model: 60-2T-3r55
- Antenna vendor : AV Design Solution Corp. (2F, No. 11, Aly. 6, Ln. 45, Baoxing Rd., Xindian Dist., New Taipei City, 231, Taiwan)
- Antenna Type: Patch
- Antenna dimension: Antenna Area : 32 X 18 mm
Antenna each 7 X2 mm

Antenna setup(圖示如下)

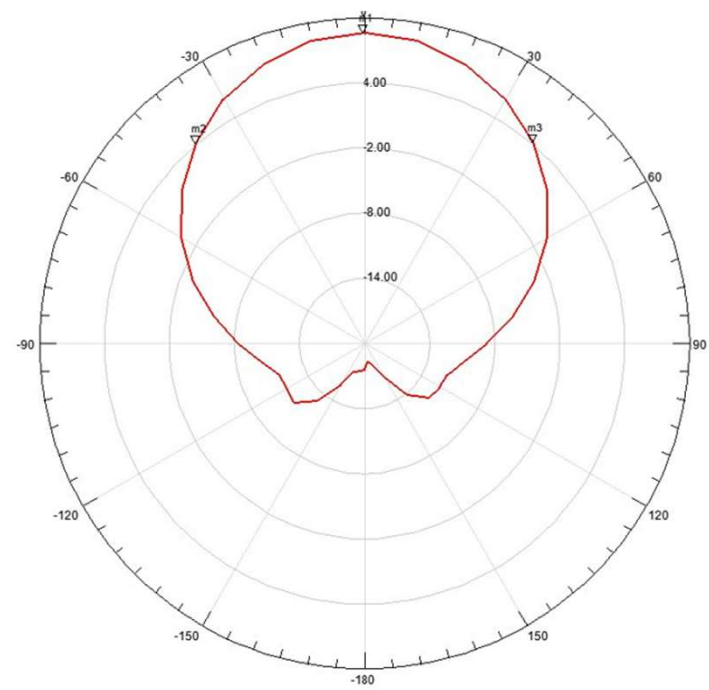


Tx1 antenna pattern

Elevation plane (XZ-plane)

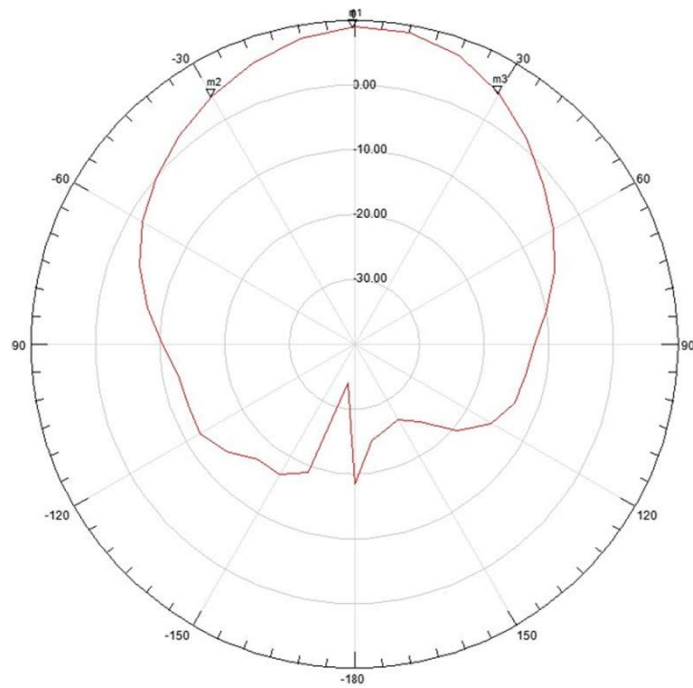


Azimuth plane (YZ-plane)

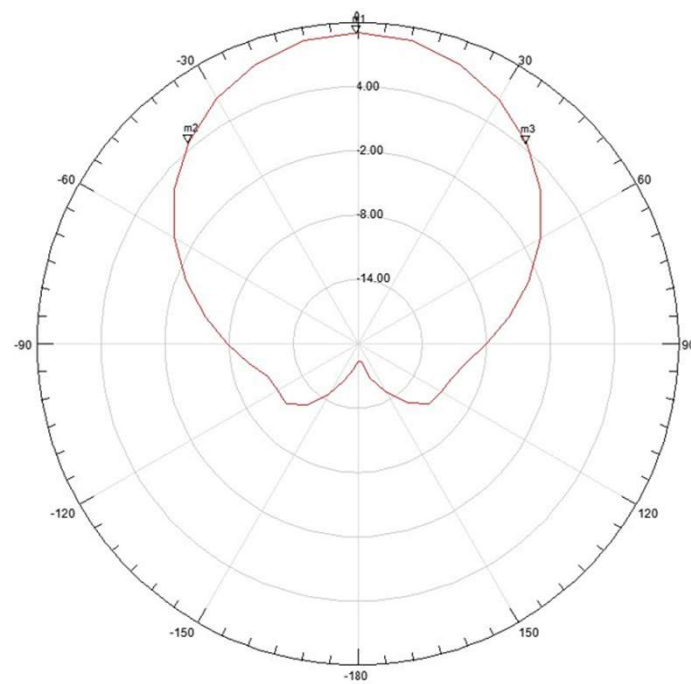


Tx2 antenna pattern

Elevation plane (XZ-plane)

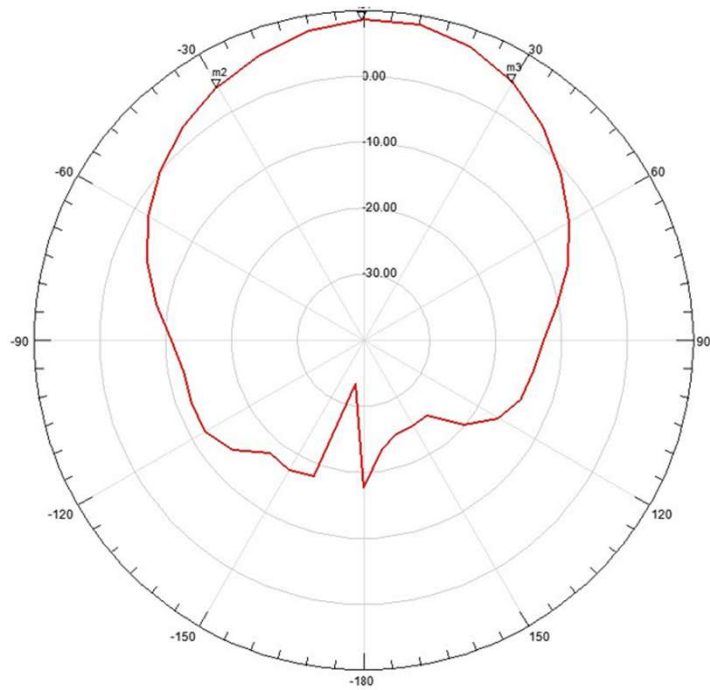


Azimuth plane (YZ-plane)

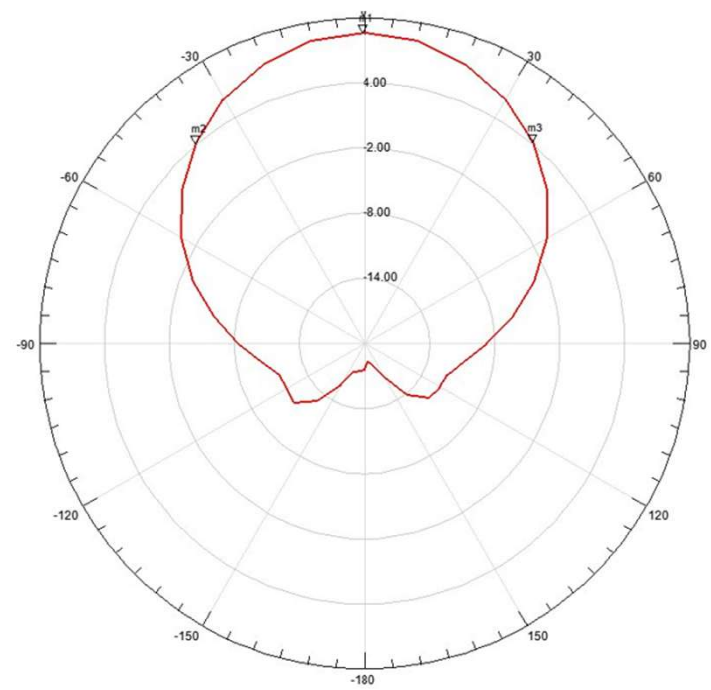


Tx3 antenna pattern

Elevation plane (XZ-plane)

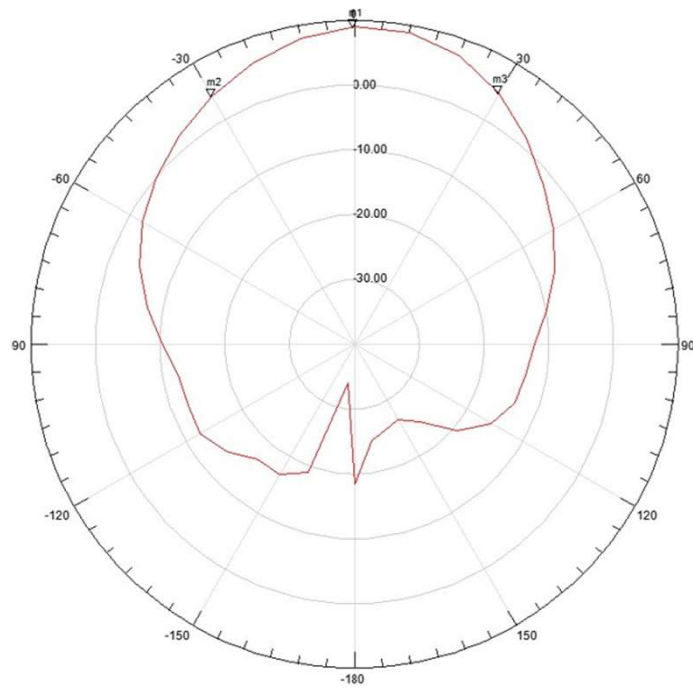


Azimuth plane (YZ-plane)

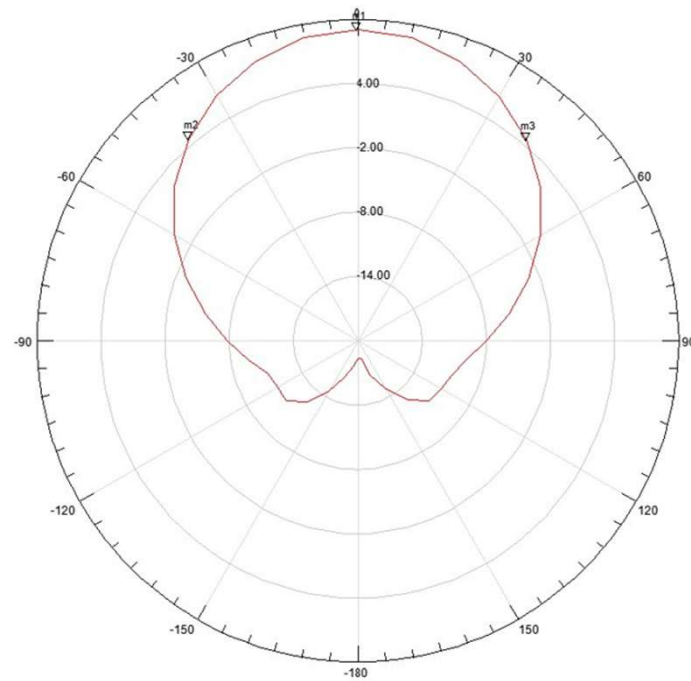


Rx1 antenna pattern

Elevation plane (XZ-plane)

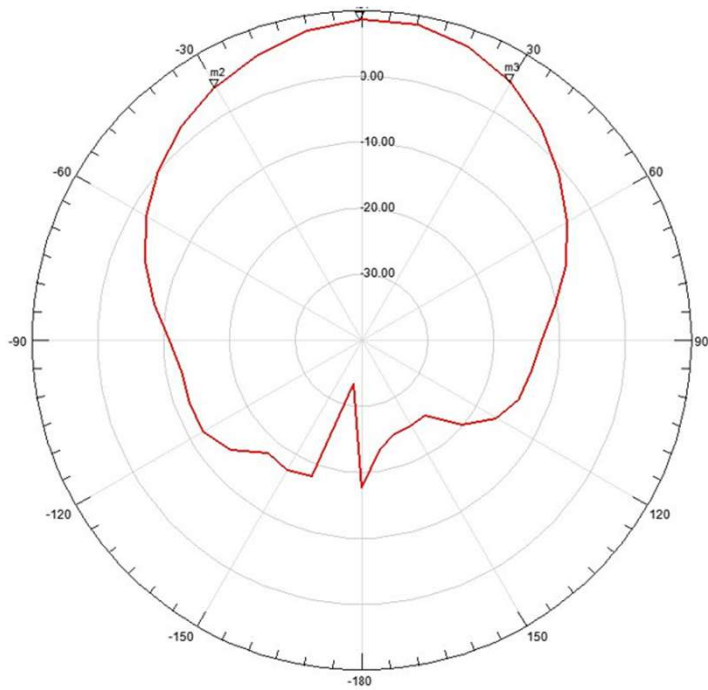


Azimuth plane (YZ-plane)

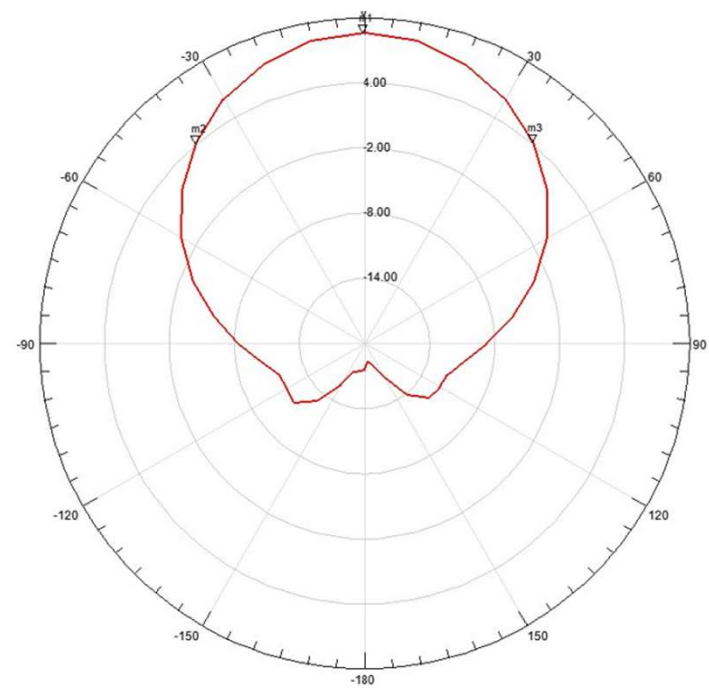


Rx2 antenna pattern

Elevation plane (XZ-plane)

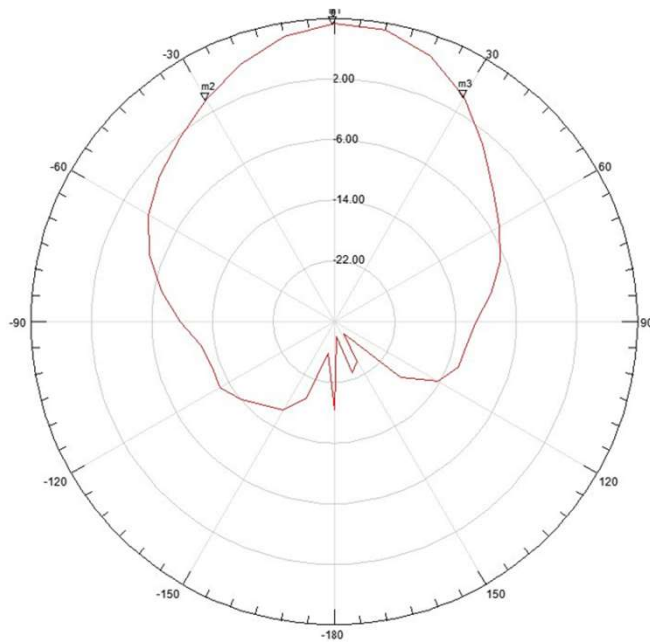


Azimuth plane (YZ-plane)

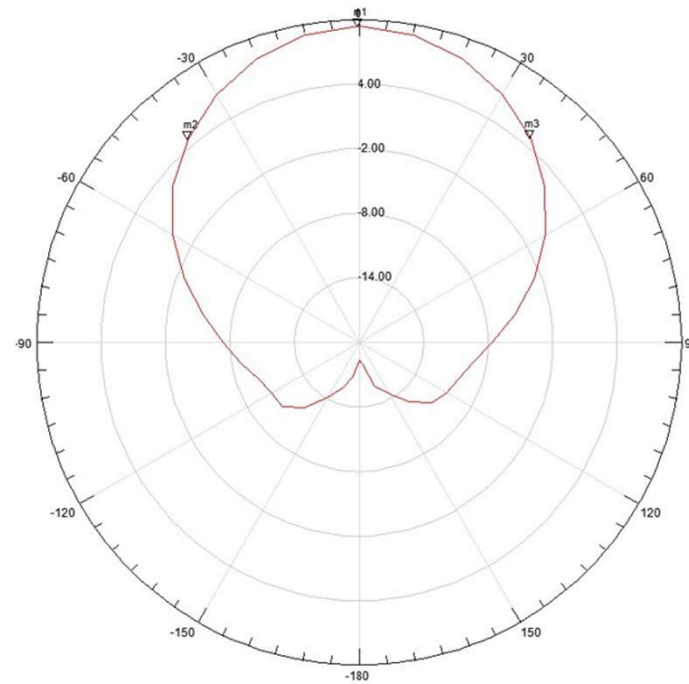


Rx3 antenna pattern

Elevation plane (XZ-plane)

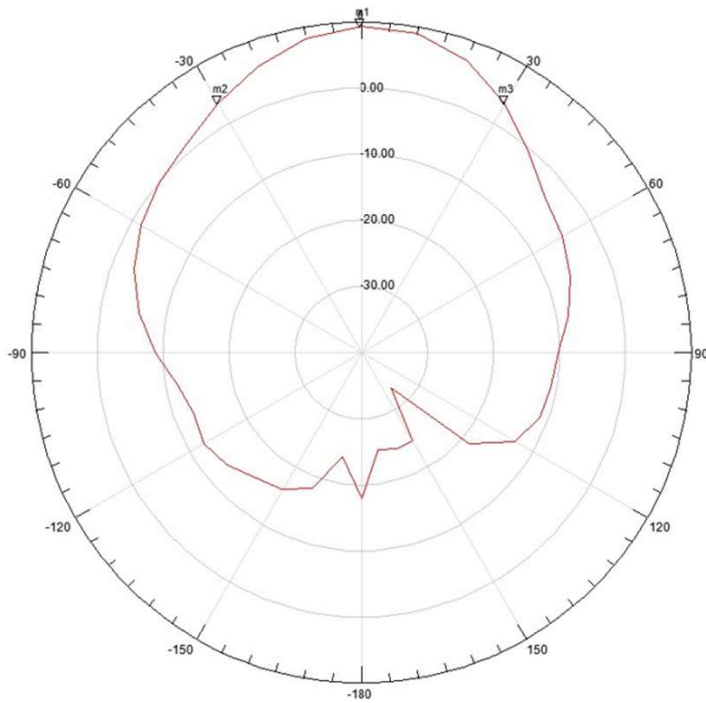


Azimuth plane (YZ-plane)

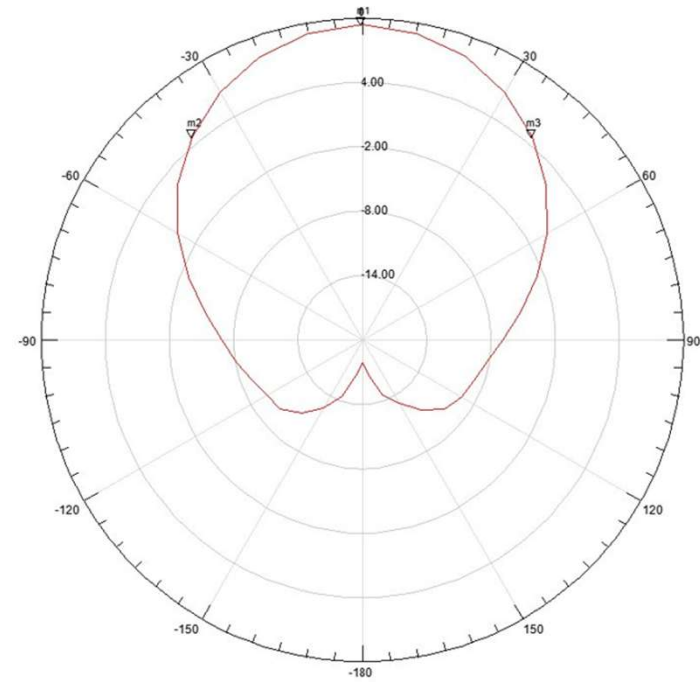


Rx4 antenna pattern

Elevation plane (XZ-plane)



Azimuth plane (YZ-plane)



Summary gain table at 60GHz

	Gain @ 61GHz (dBi)
TX1-V	9.28
TX1-H	9.28
TX2-V	9.35
TX2-H	9.35
TX3-V	9.26
TX3-H	9.26
RX1-V	9.28
RX1-H	9.28
RX2-V	9.32
RX2-H	9.32
RX3-V	9.31
RX3-H	9.31
RX4-V	9.26
RX4-H	9.26