

Antenna report for 79G radar BSD R2 R0A2

31th, August, 2023

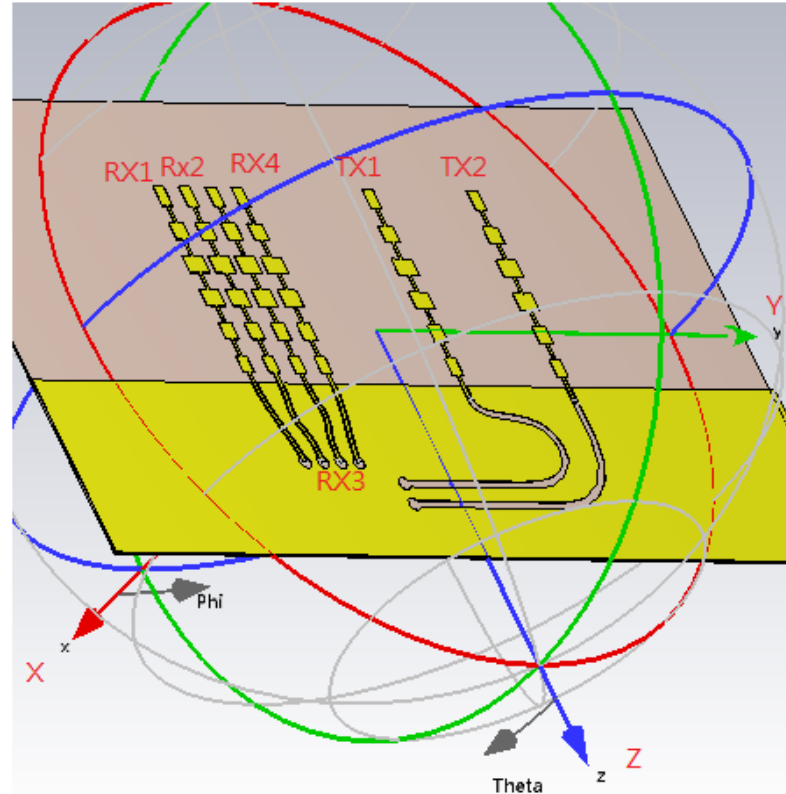
Jacky



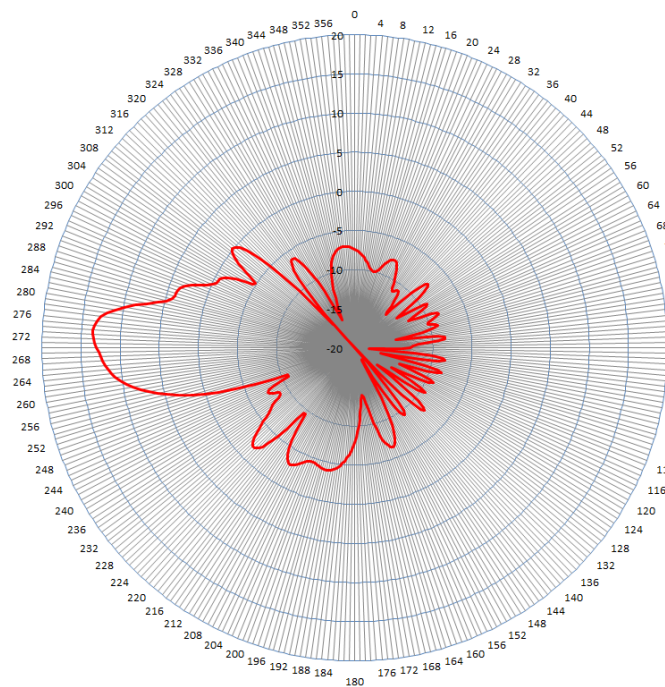
- **Antenna information**
- **Antenna gain pattern**
- **Summary table**

- Antenna Brand: Arcadyan
- Antenna Model: RS1000-2-ZZ R0A2
- Antenna Type: Monopole Antenna

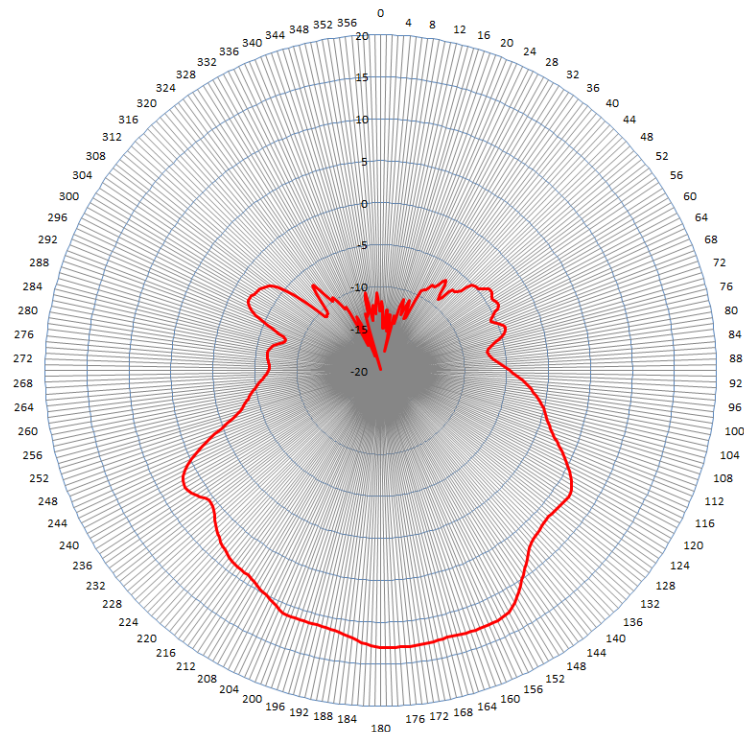
Antenna setup



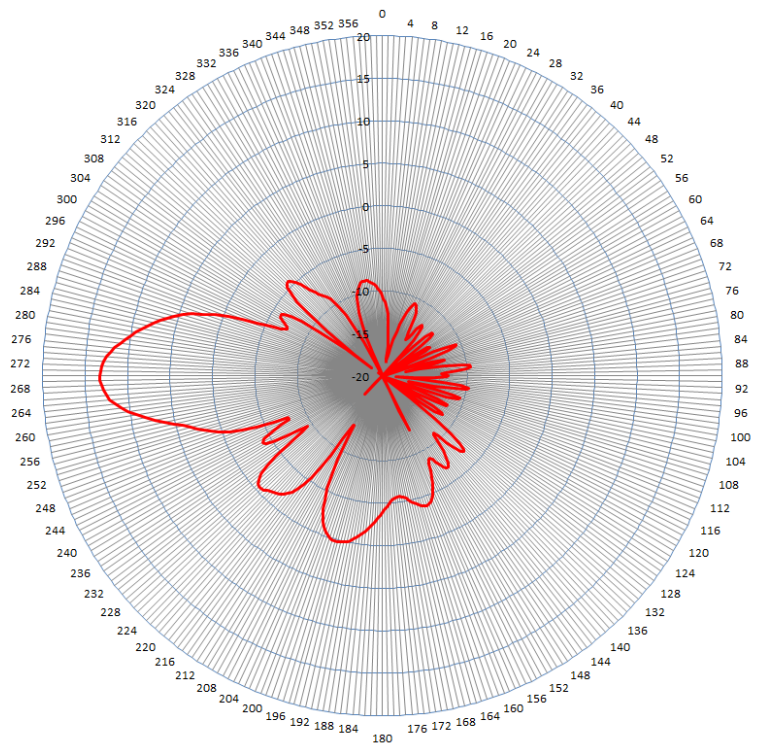
Elevation plane (XZ-plane)



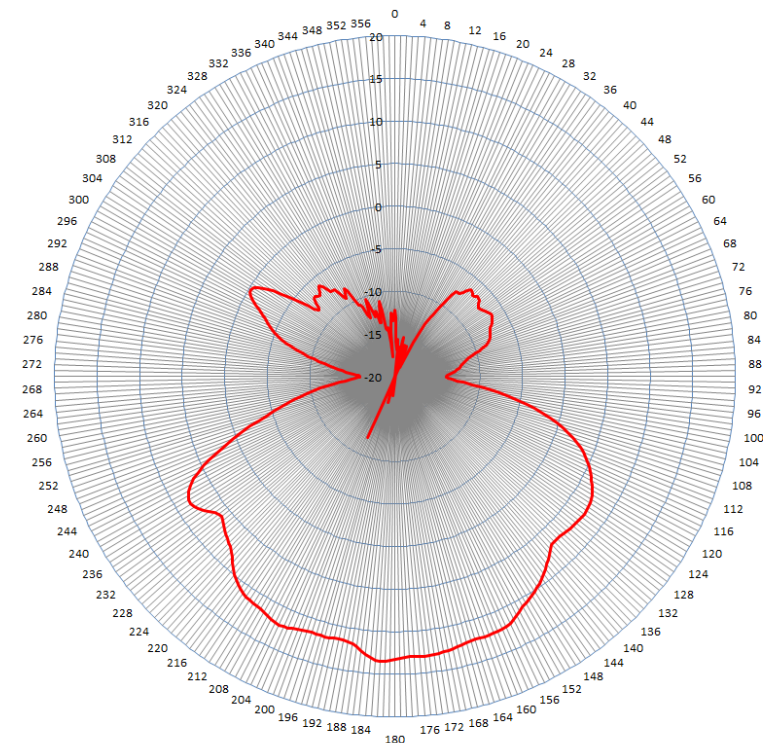
Azimuth plane (XY-plane)



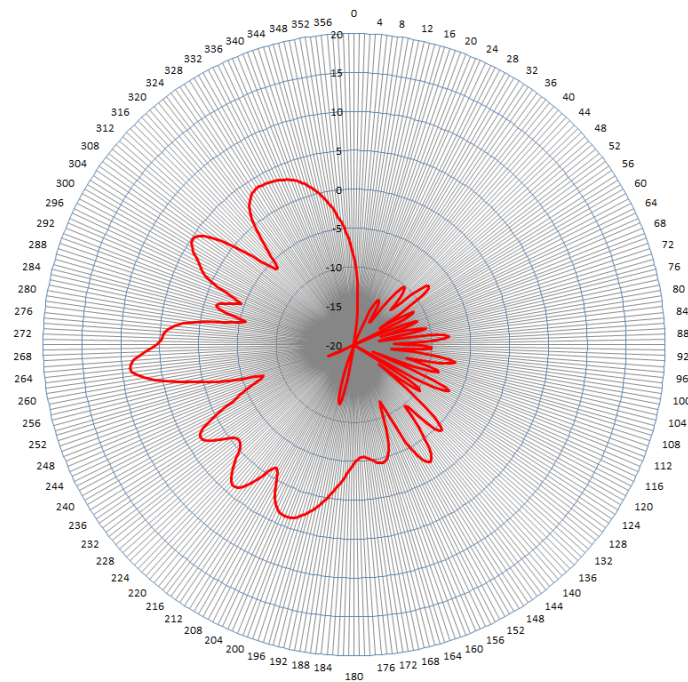
Elevation plane (XZ-plane)



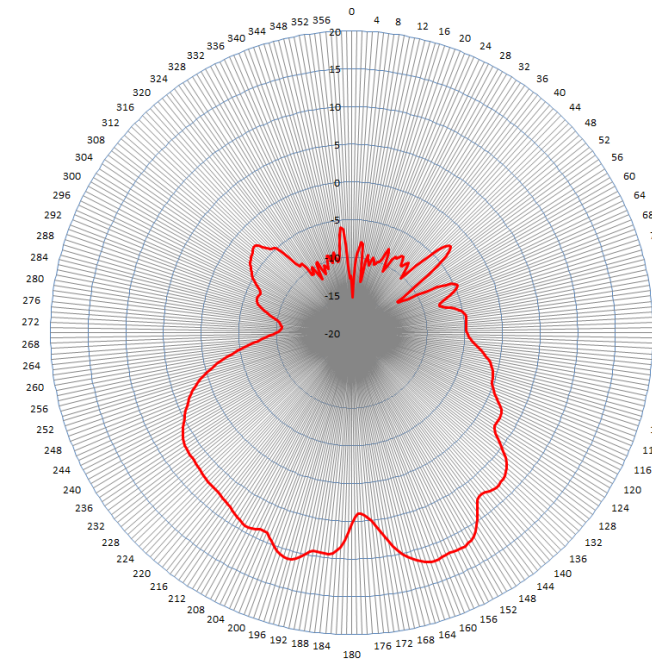
Azimuth plane (XY-plane)



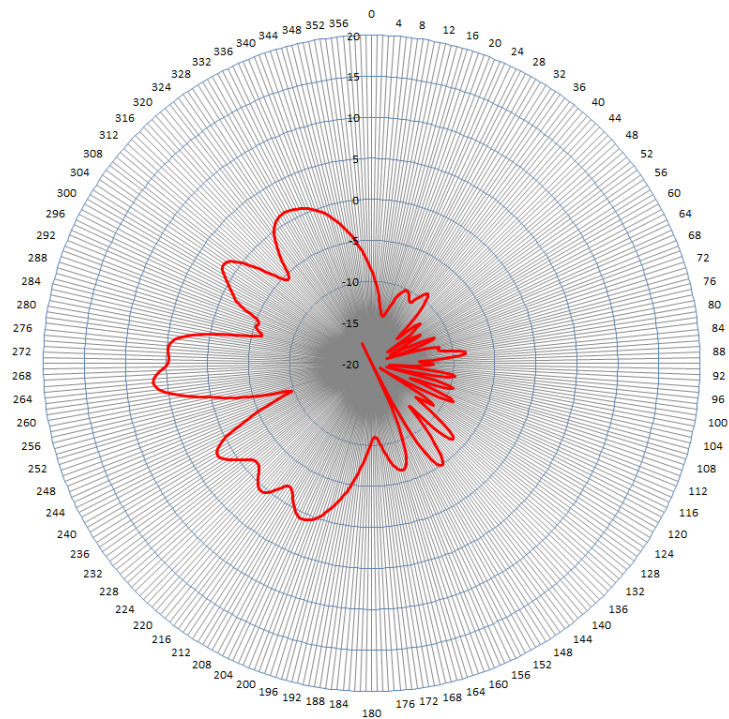
Elevation plane (XZ-plane)



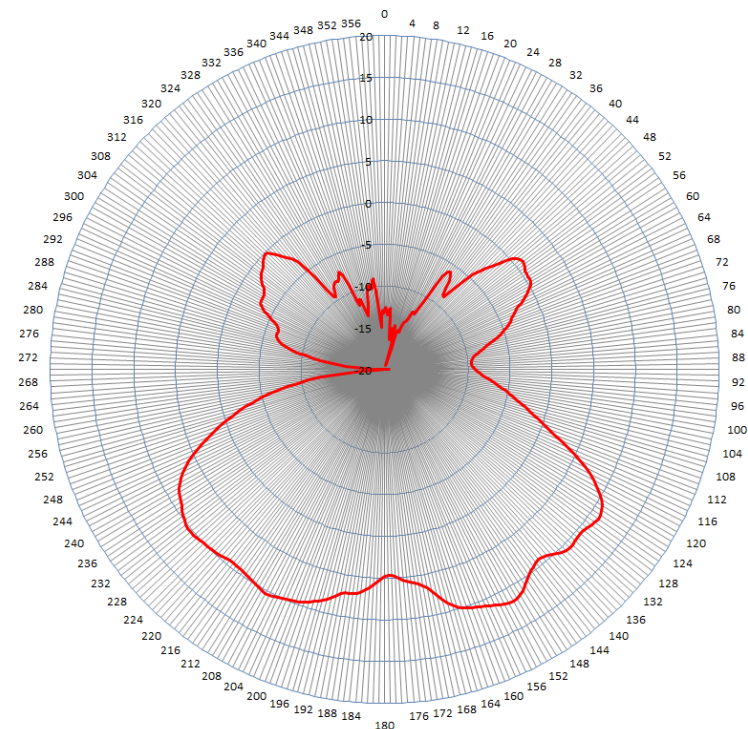
Azimuth plane (XY-plane)



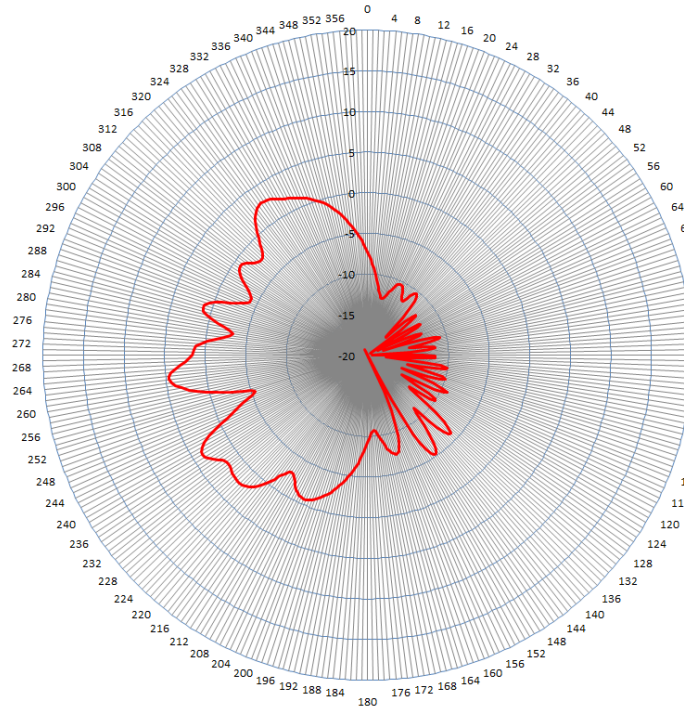
Elevation plane (XZ-plane)



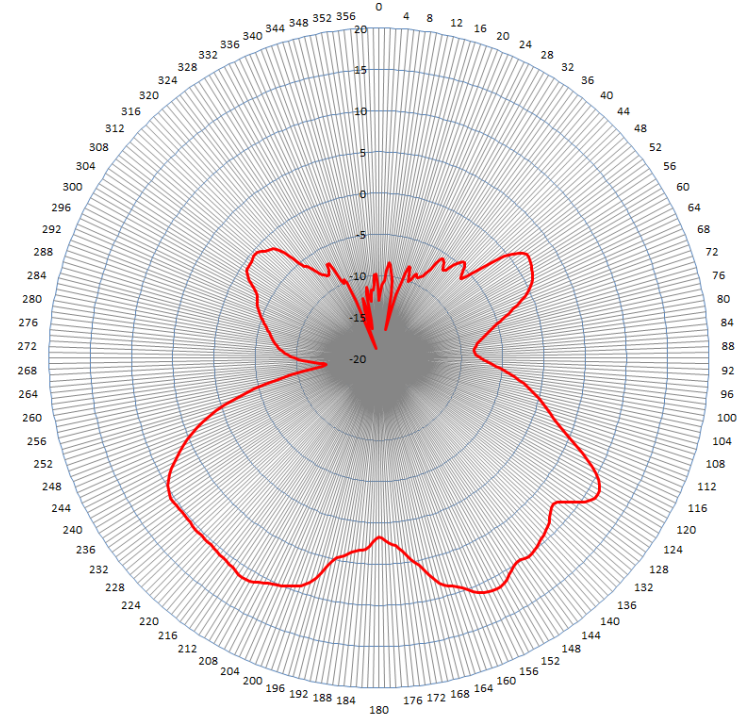
Azimuth plane (XY-plane)



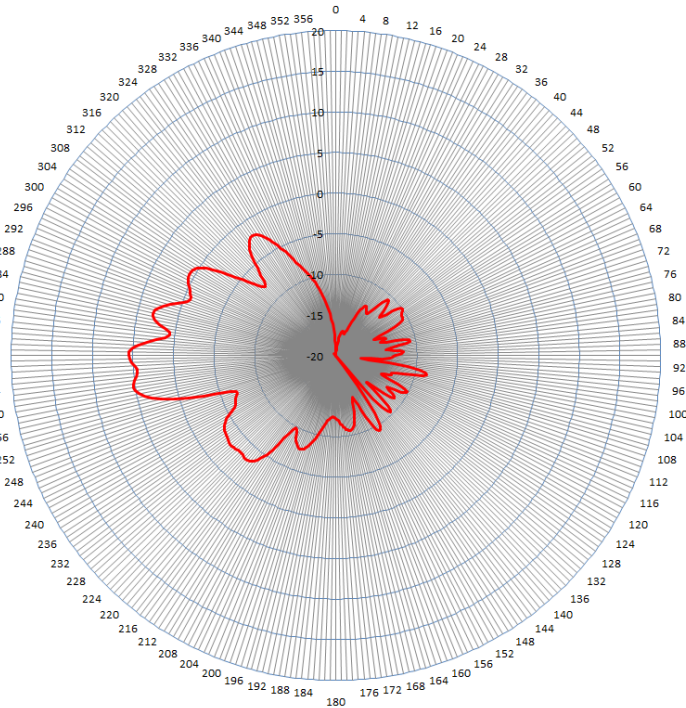
Elevation plane (XZ-plane)



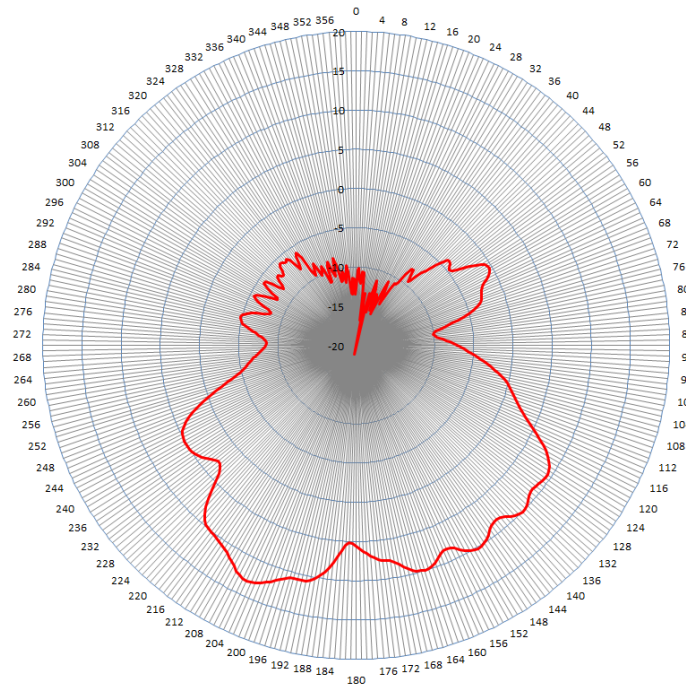
Azimuth plane (XY-plane)



Elevation plane (XZ-plane)



Azimuth plane (XY-plane)



Summary gain table at 77.7500MHz (77.75GHz)

	Gain at 77.75GHz (dBi)
TX1-V	13.58
TX1-H	13.1
TX2-V	13.25
TX2-H	13.53
RX1-V	8.96
RX1-H	12.16
RX2-V	6.73
RX2-H	11.71
RX3-V	4.62
RX3-H	11.41
RX4-V	5.55
RX4-H	13.11



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