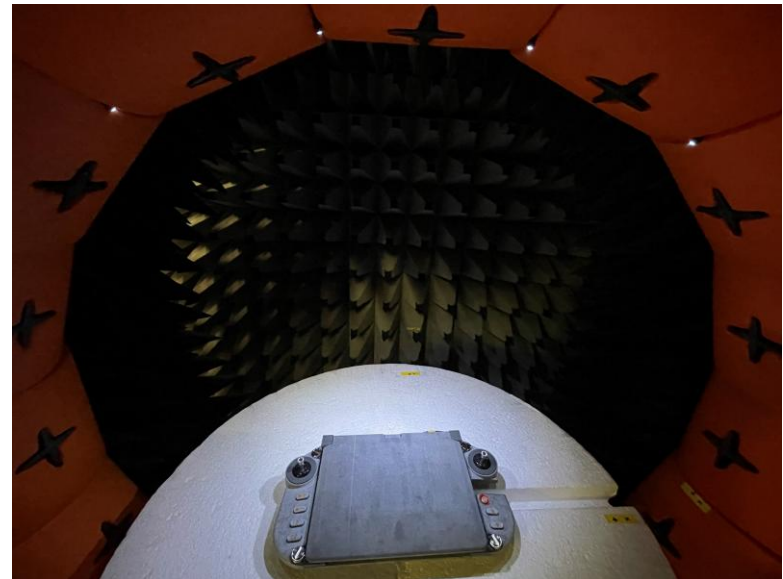


MPP UA 2

LoRa_WIFI_Antennas performances

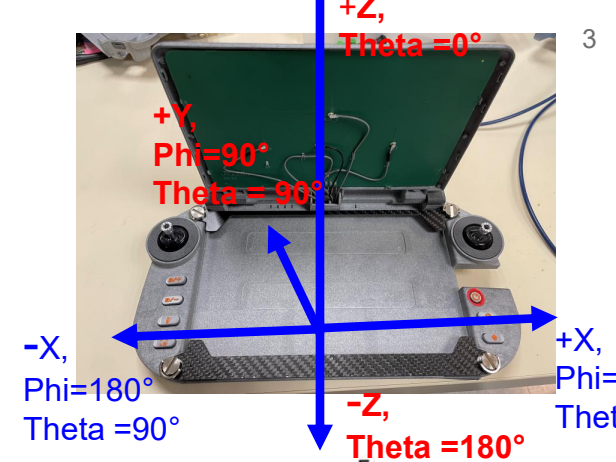
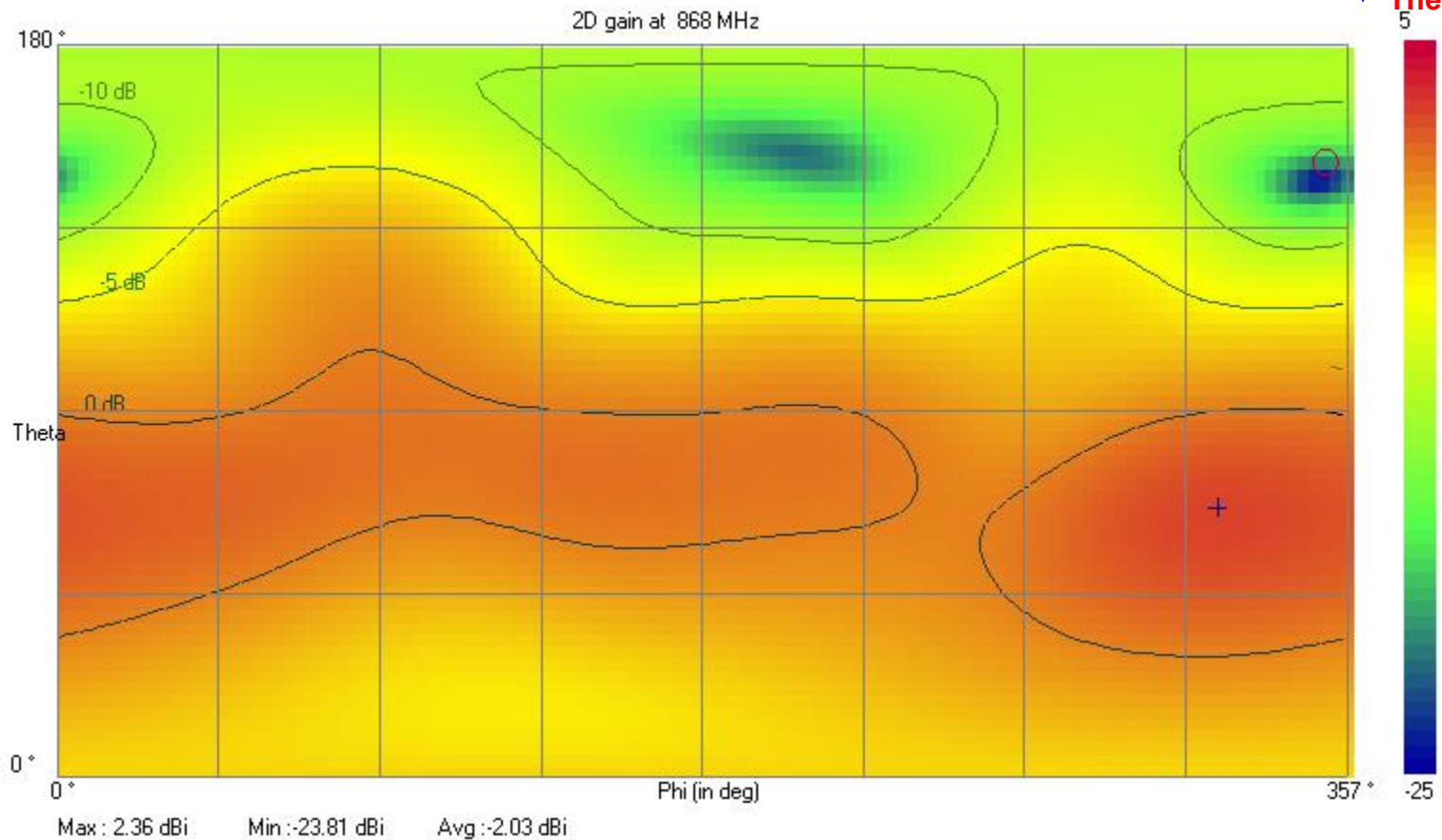
Measurement Info

- The measurement was made at Parrot radio test laboratory, with Starlab system
- The antennas were connected to a CW signal generator
- Angular resolution is : 3°
- Measurement uncertainty : $\pm 1\text{dB}$



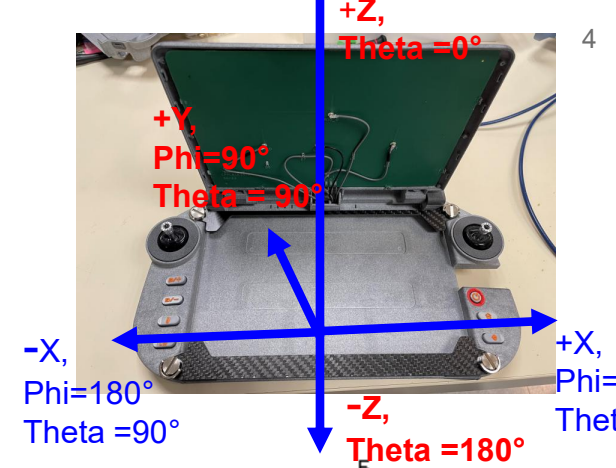
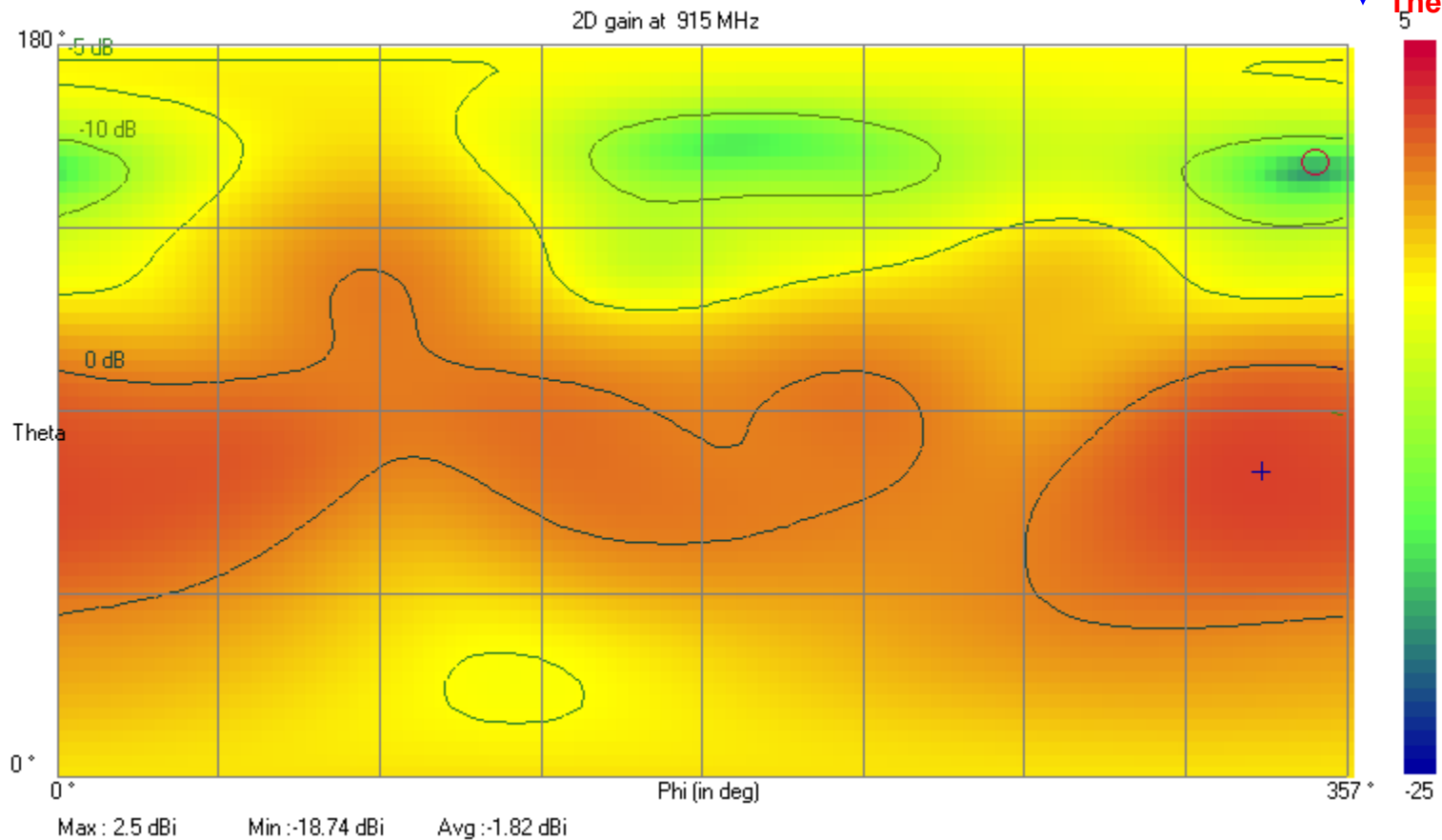
LoRa antenna performances @ 868 MHz

- 2D Gain at 868 MHz
- Average Value $\approx -0,6$ dBi
- Max Value ≈ 1 dBi



LoRa antenna performances @ 915 MHz

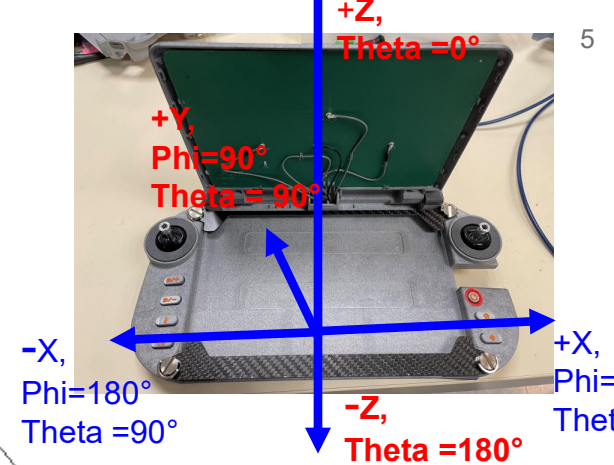
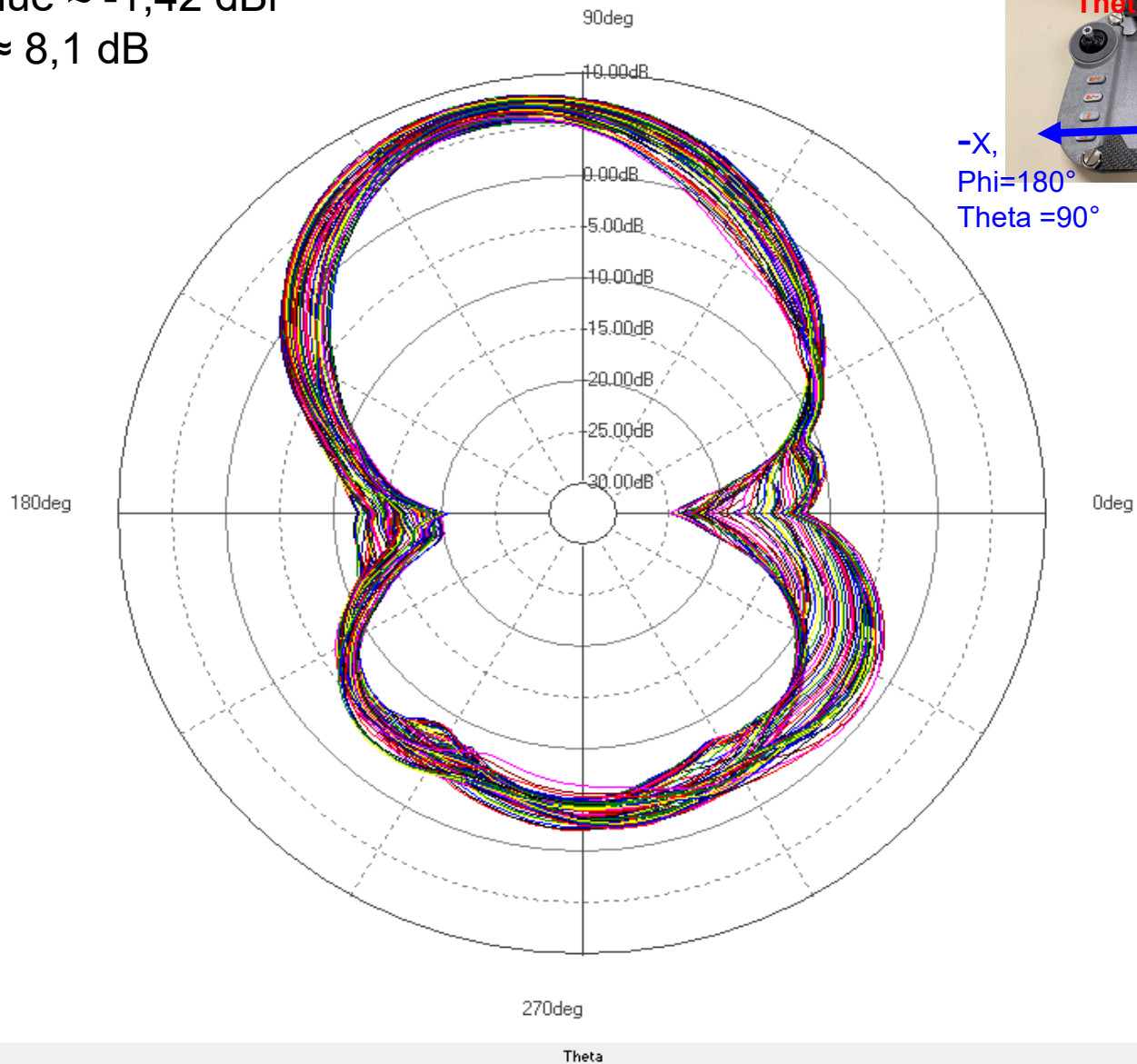
- 2D Gain at 915 MHz
- Average Value $\approx 0,03$ dBi
- Max Value ≈ 1 dBi



WIFI_2G Plan_ antenna performances @ 2,4GHz

Average Value $\approx -1,42$ dBi

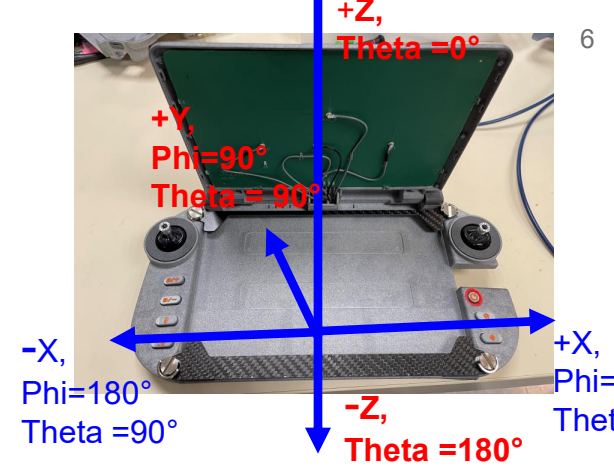
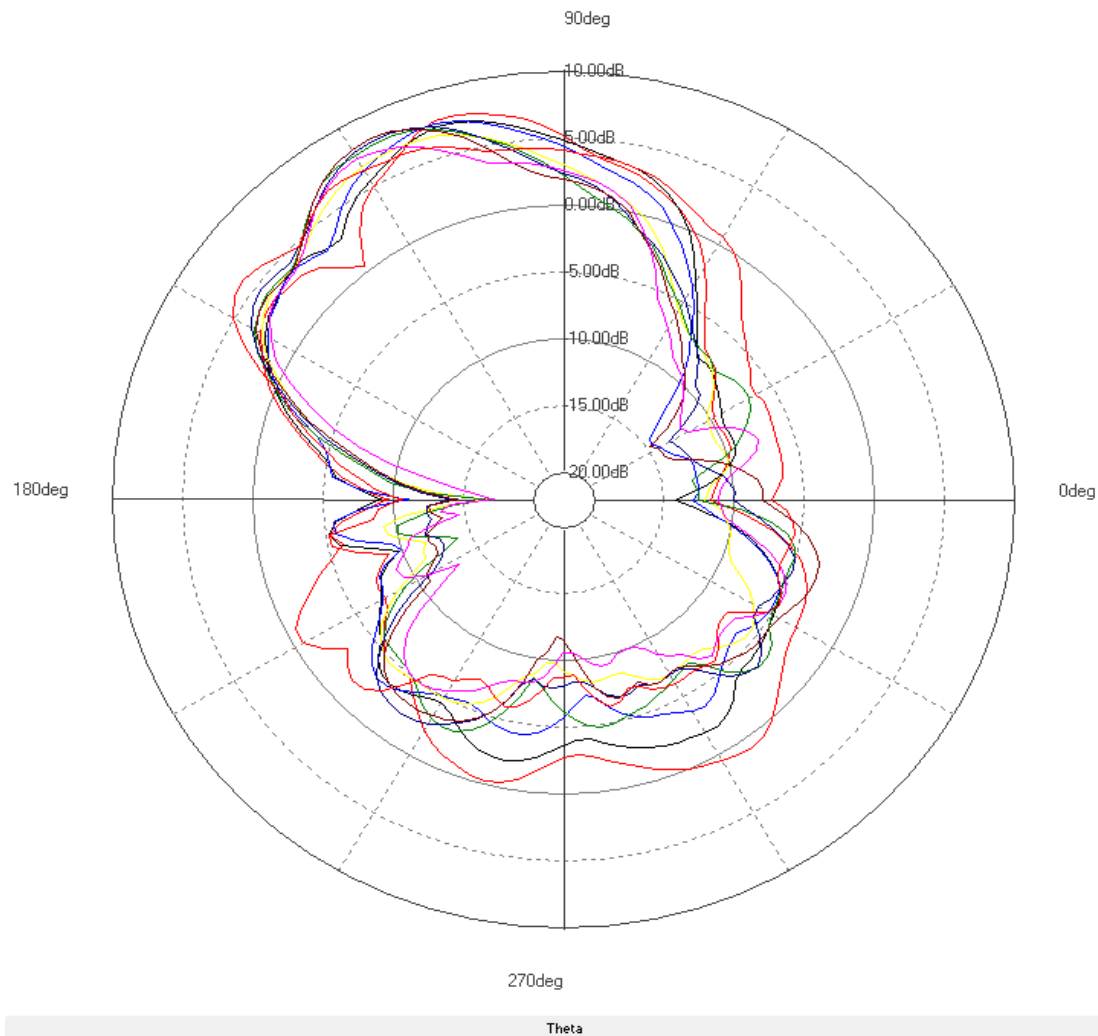
Max Value $\approx 8,1$ dB



WIFI_5G Plan_ antenna performances @ 5,1GHz

Average Value $\approx -3,08$ dBi

Max Value $\approx 6,78$ dB



WIFI_5G Plan_ antenna performances @ 5,8GHz

Average Value $\approx -4,98$ dBi

Max Value $\approx 5,8$ dBi

