

ANAFI UKR XLR & MPP U2 XLR

MARS antennas performances

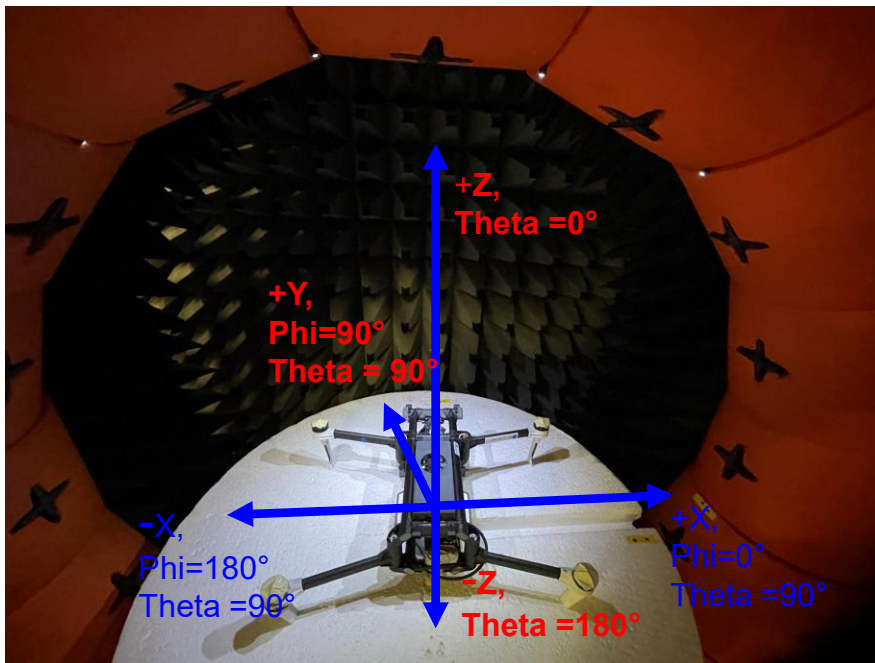
2400MHz to 2500MHz

5150 MHz to 5250 MHz

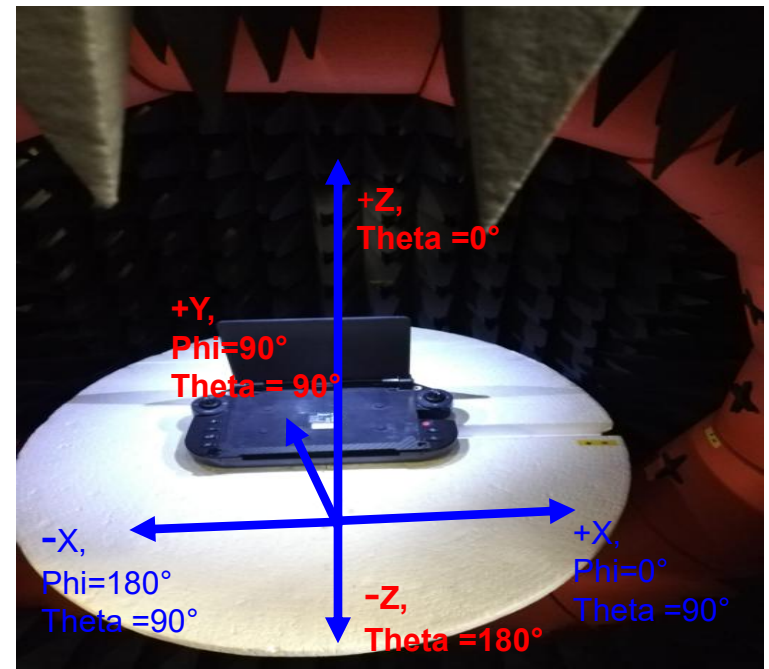
5725 MHz to 5850 MHz

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 : $\pm 1\text{dB}$



DRONE



MPP

MPP: MARS antenna performances

- 3D Gain at 2400 MHz
- Max Value ant 1 ≈ 8 dBi
- 3D Gain at 2400 MHz
- Max Value ant 2 ≈ 8 dBi
- 3D Gain at 5200 MHz
- Max Value ant 1 $\approx 6,8$ dBi
- 3D Gain at 5200 MHz
- Max Value ant 2 $\approx 6,8$ dBi
- 3D Gain at 5800 MHz
- Max Value ant 1 $\approx 5,8$ dBi
- 3D Gain at 5800 MHz
- Max Value ant 2 $\approx 5,8$ dBi

Drone: MARS antenna performances

- 3D Gain at 2400 MHz
- Max Value ant 1 $\approx 0,6$ dBi
- 3D Gain at 2400 MHz
- Max Value ant 2 $\approx 0,6$ dBi
- 3D Gain at 5200 MHz
- Max Value ant 1 $\approx 2,8$ dBi
- 3D Gain at 5200 MHz
- Max Value ant 2 $\approx 2,4$ dBi
- 3D Gain at 5800 MHz
- Max Value ant 1 $\approx 2,5$ dBi
- 3D Gain at 5800 MHz
- Max Value ant 2 $\approx 2,3$ dBi

MPPU2 XLR

antennas	2.4 GHz ANT1	2.4 GHz ANT2	5.2 GHZ ANT1	5.2 GHZ ANT2	5.8 GHZ ANT1	5.8 GHZ ANT2
gains [dBi]	8	8	6.8	6.8	5.8	5.8

ANAFI UKR XLR

antennas	2.4 GHz ANT1	2.4 GHz ANT2	5.2 GHZ ANT1	5.2 GHZ ANT2	5.8 GHZ ANT1	5.8 GHZ ANT2
gains [dBi]	0.6	0.6	2.8	2.4	2.5	2.3