

ANAFI-3D

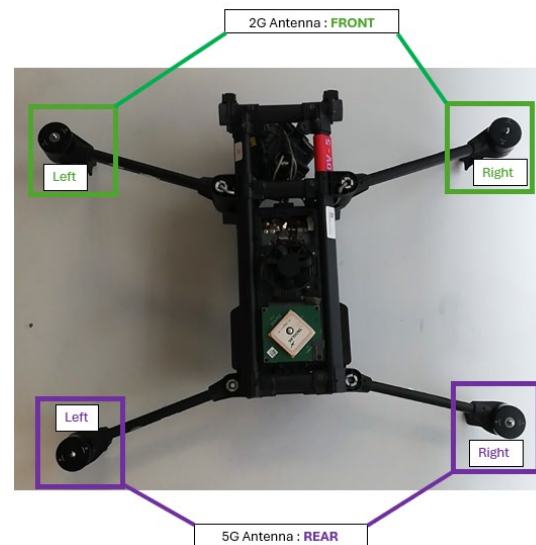
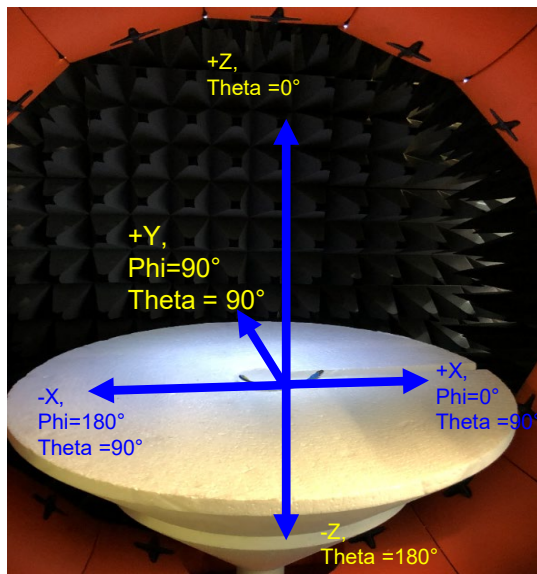
WiFi Antenna performances



Parrot

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 : $\pm 1\text{dB}$
- The drone has 4 antennas: 2 are located in the front of the body, and 2 in rear feet.

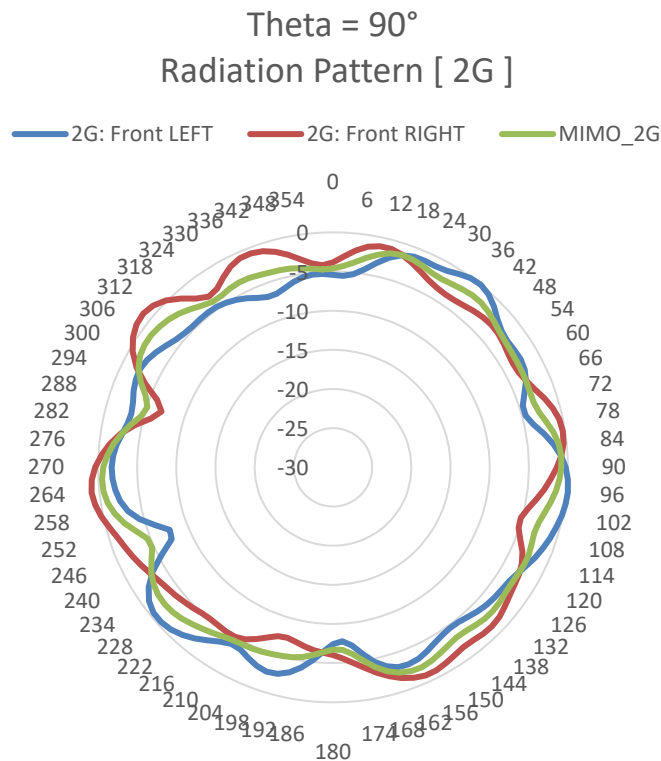


Parrot

Antenna performances @ 2.4GHz

3

- Horizontal plane radiation pattern

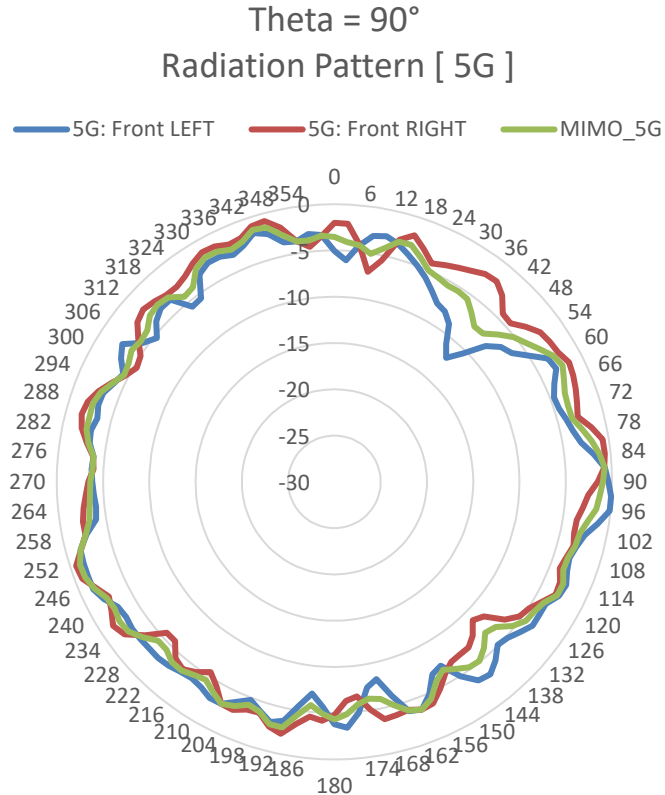


Parrot

Antenna performances @ 5GHz

4

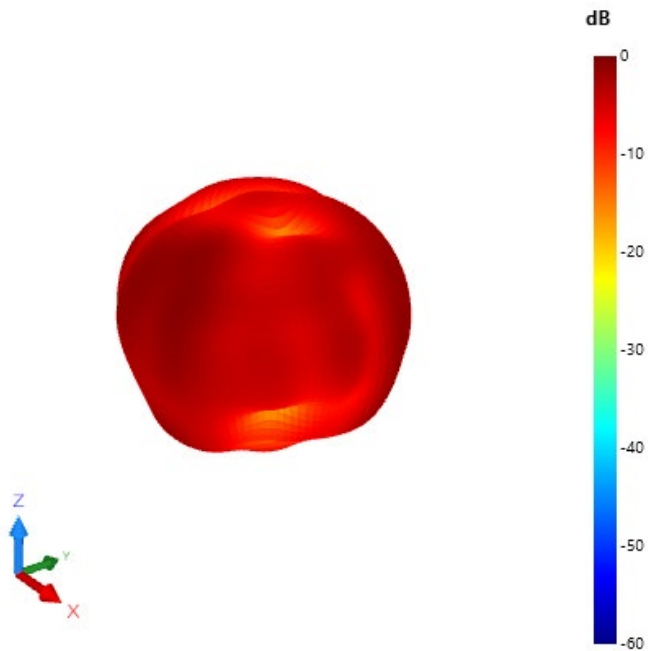
- Horizontal plane radiation pattern



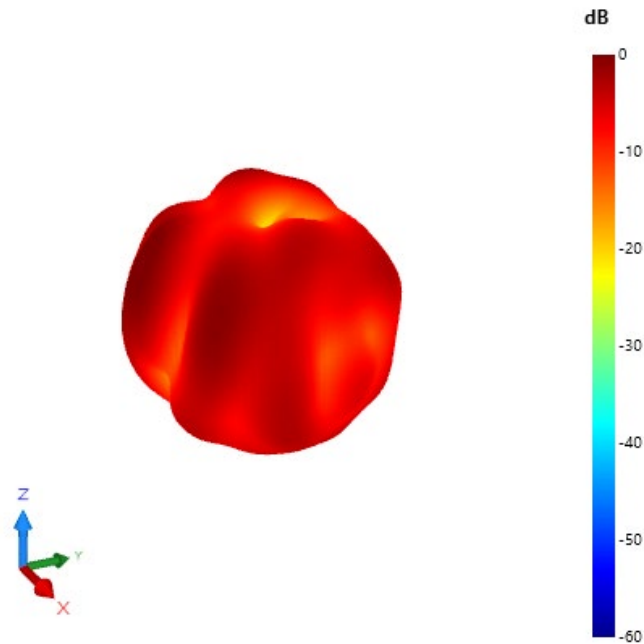
Parrot

3D Diagram of the antennas

- 2G FRONT LEFT



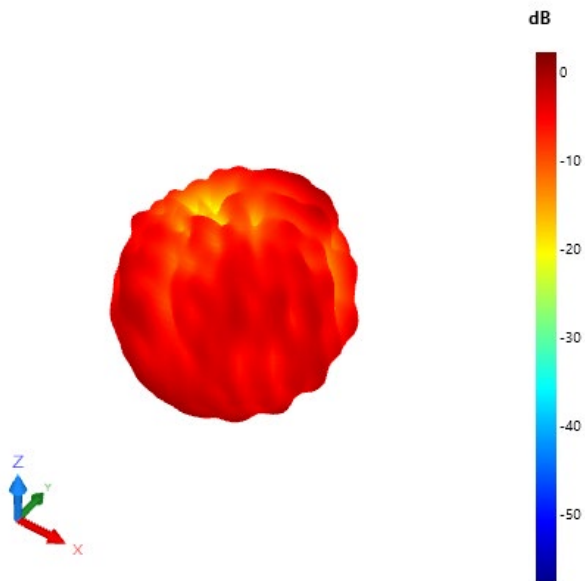
- 2G FRONT RIGHT



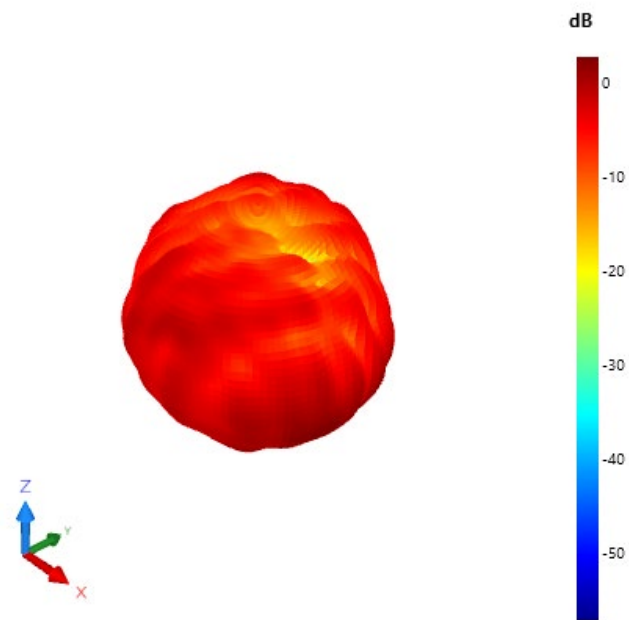
Parrot

3D Diagram of the antennas

- 5G REAR LEFT



- 5G REAR RIGHT



Parrot

3D max gain of the antennas

Gain Max 3D (dBi)	FRONT Right	FRONT Left	MIMO Gain	REAR Right	REAR Left	MIMO Gain
2G4	2,94	3,62	3,28	NO	NO	NO
5G	NO	NO	NO	2,76	2,35	2,56
5G5	NO	NO	NO	2,8	2,24	2,52
5G8	NO	NO	NO	2,45	2,26	2,36

Units: dBi

Parrot