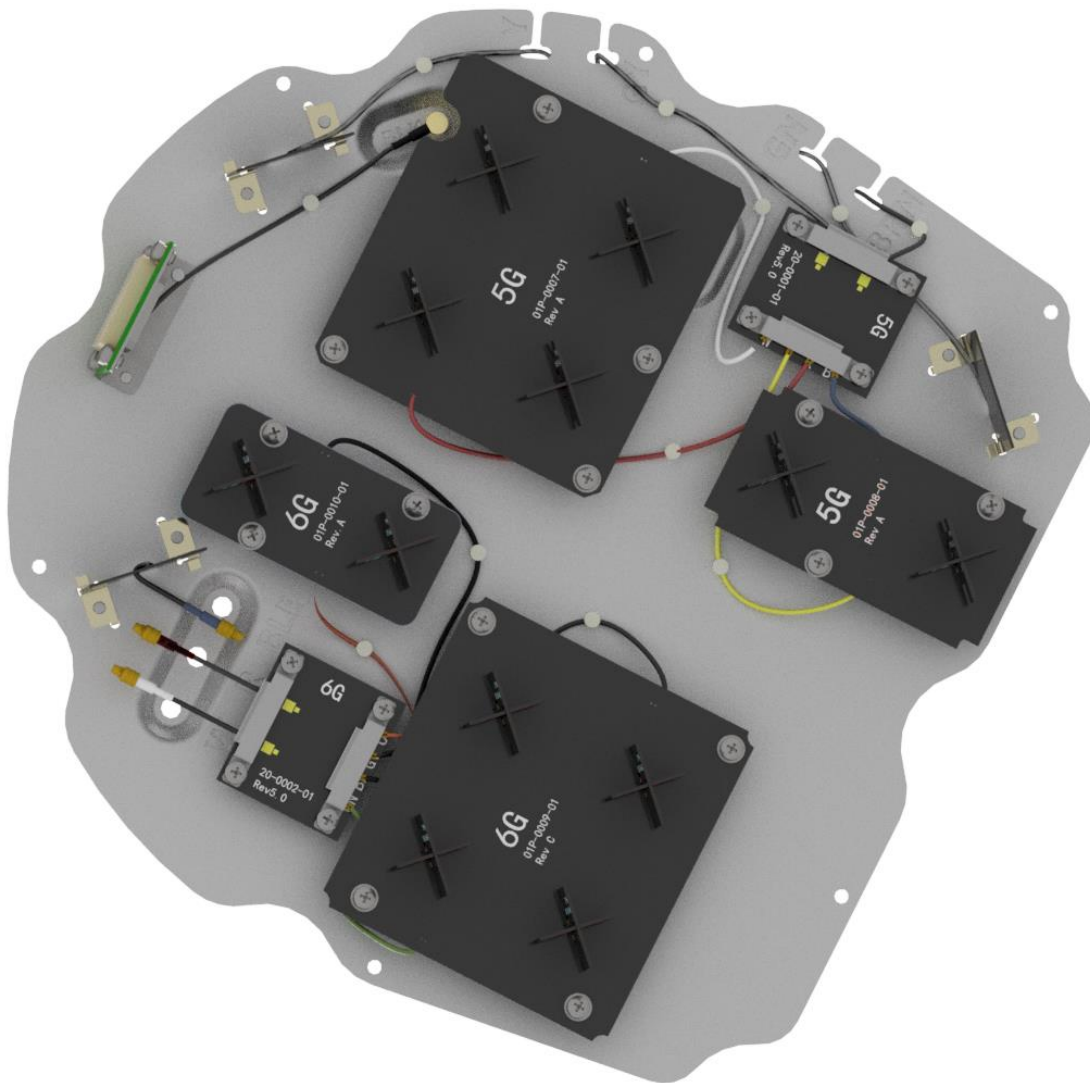


DATASHEET

aruba

a Hewlett Packard
Enterprise company



The AP-ANT-679 antenna is a high-performance, tri-band, omni-directional, indoor antenna ideally designed for multifunction access points that require an omnidirectional coverage pattern for WLAN service delivery or air monitoring on the 2.4GHz, 4.9~5.9GHz and/or 5.9 to 7.125GHz bands. AP-ANT-679 unique design also allows for integration inside access points, routers and gateways, eliminating the need for external antennas.

Specifications

Frequency bands, ranges and peak gains/uncorrelated gains

- 2.4GHz	2.400GHz – 2.500GHz	6.5dBi/6.1dBi
- 5GHz Switch on	4.900GHz – 5.875GHz	8.2dBi/7.7dBi
- 5GHz Switch off	4.900GHz – 5.875GHz	11.0dBi/10.5dBi
- 6GHz Switch on	5.935GHz – 7.150GHz	8.6dBi/8.1dBi
- 6GHz Switch off	5.935GHz – 7.150GHz	11.2dBi/10.1dBi
- BLE	2.400GHz – 2.500GHz	6.6dBi

Polarization

- $\pm 45^\circ$ polarization

Input impedance

- 50 Ohms

Maximum input power

- 1 Watts

VSWR

- < 2:1 max

Material

- Plate: Aluminum
- Antenna: PCB

Port isolation

- 35dB

Dimensions

- 244.12*246.0*45.29mm

Weight

- 336g

Cable length & type / connector

- 1.37mm Low-Loss Cable/MMCX Connector

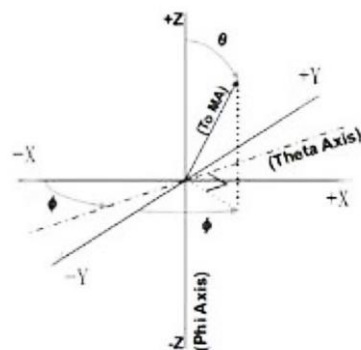
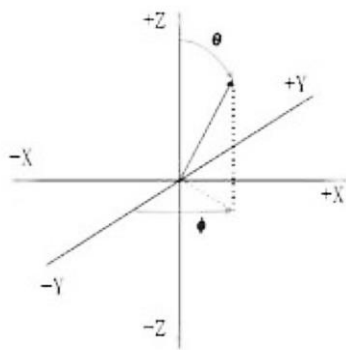
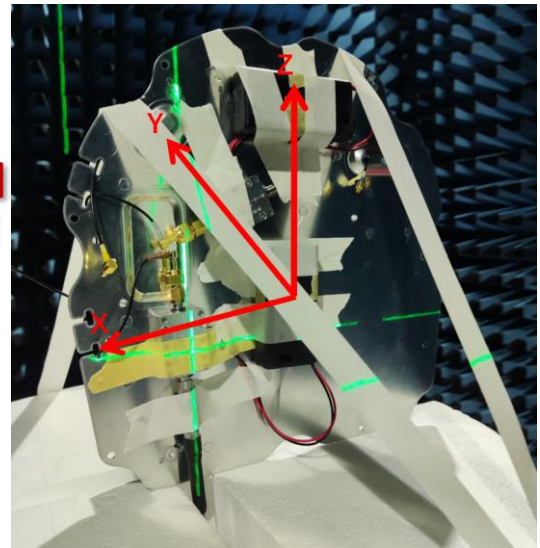
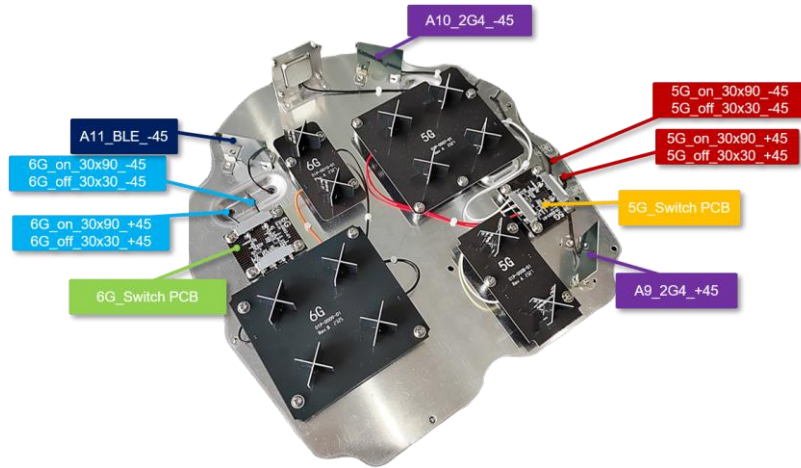
Operating temperature range and relative humidity

- -40°C to +95°C 0% to 95% non-condensing

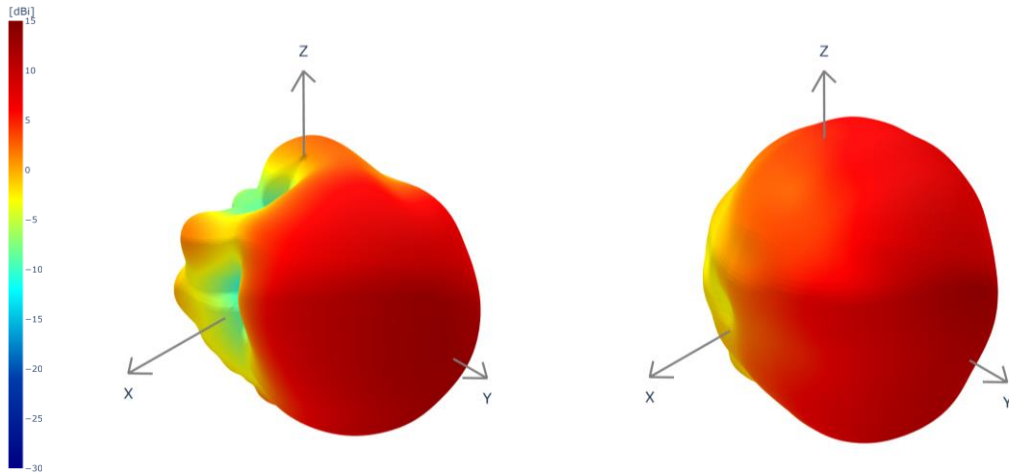
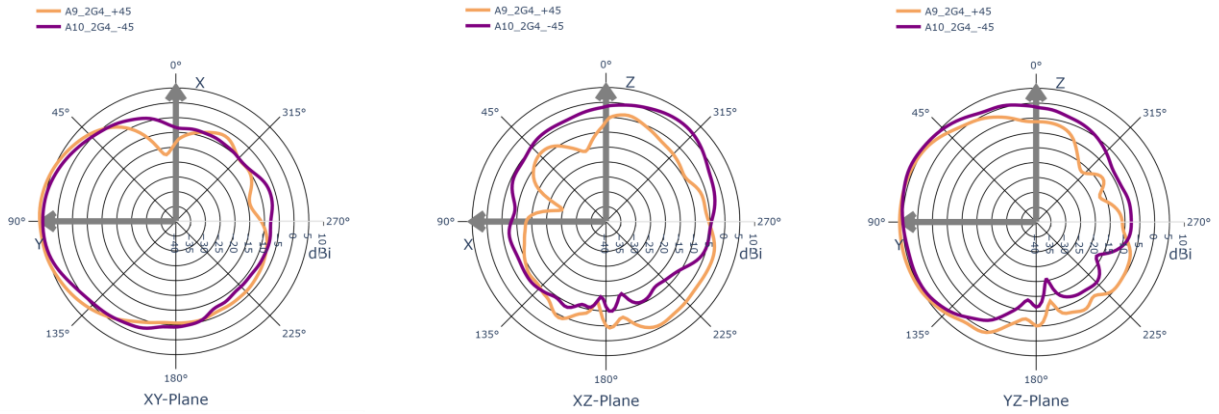
Shipping content

- Packing in cartons

Antenna patterns



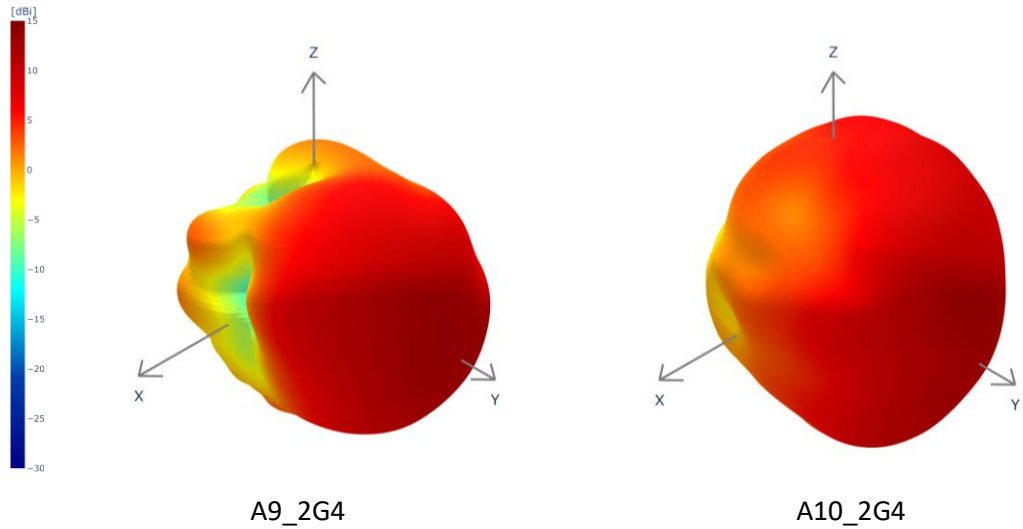
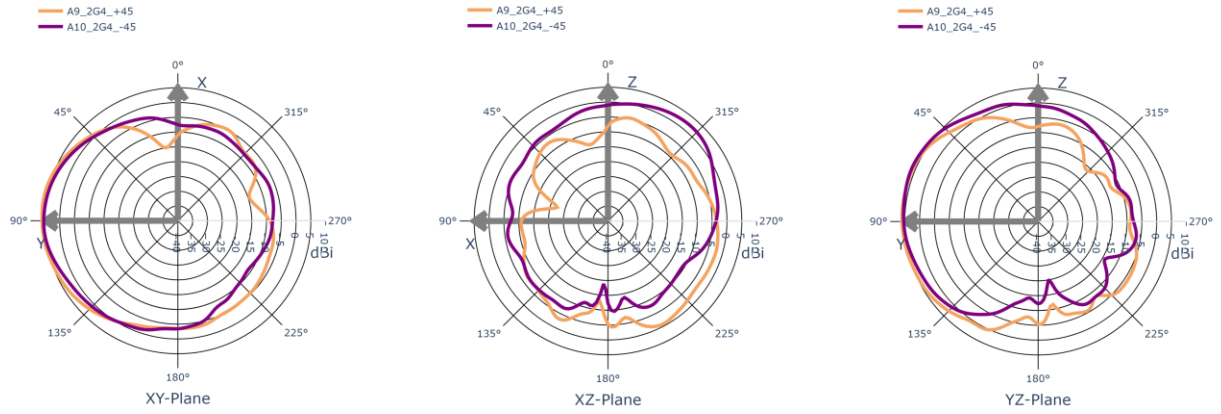
Horizontal (azimuth) planes (top view) Vertical (elevation) planes (front/side view XZ /YZ)



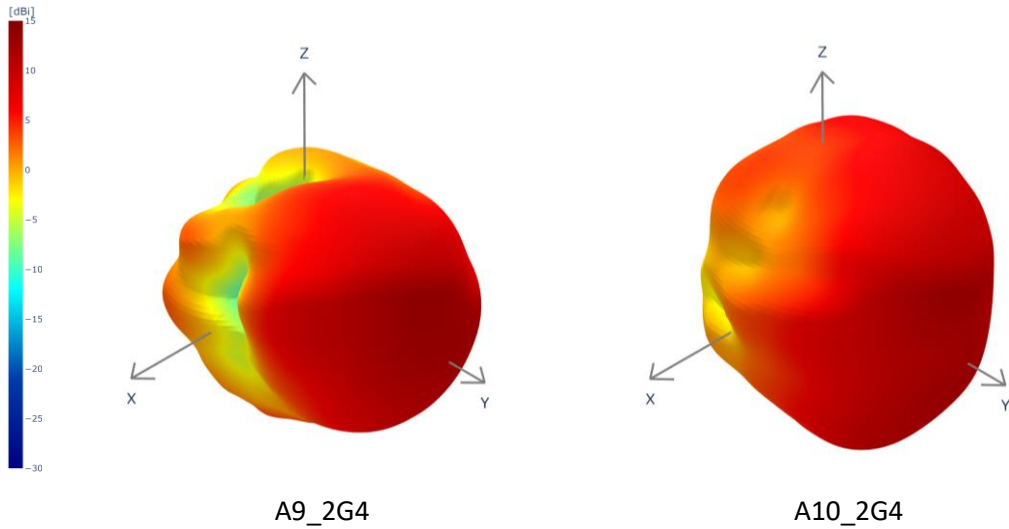
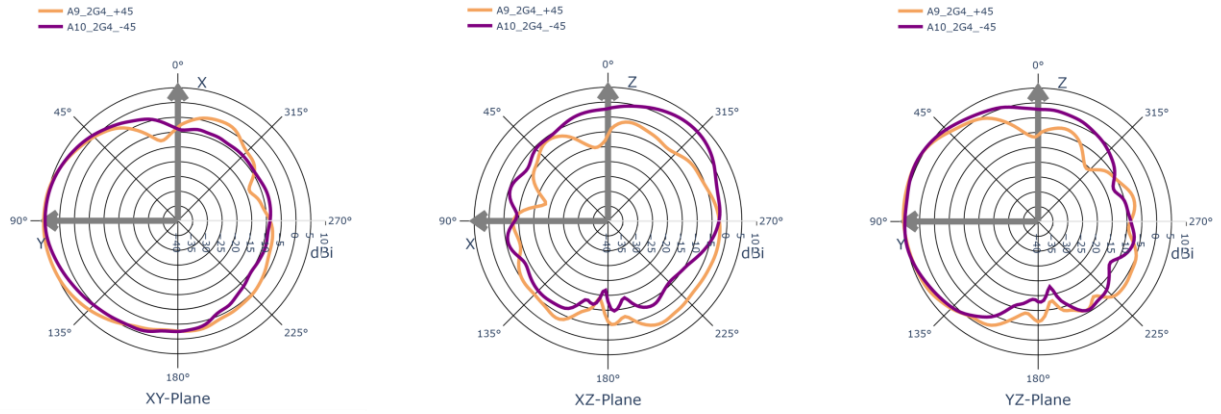
A9_2G4

A10_2G4

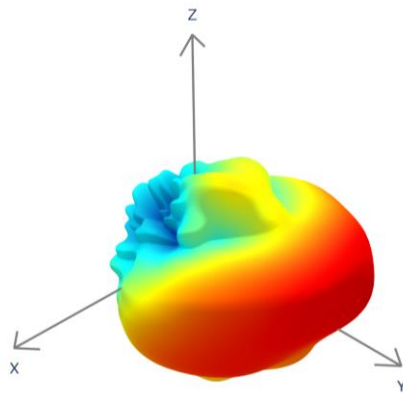
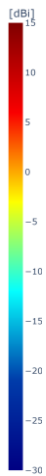
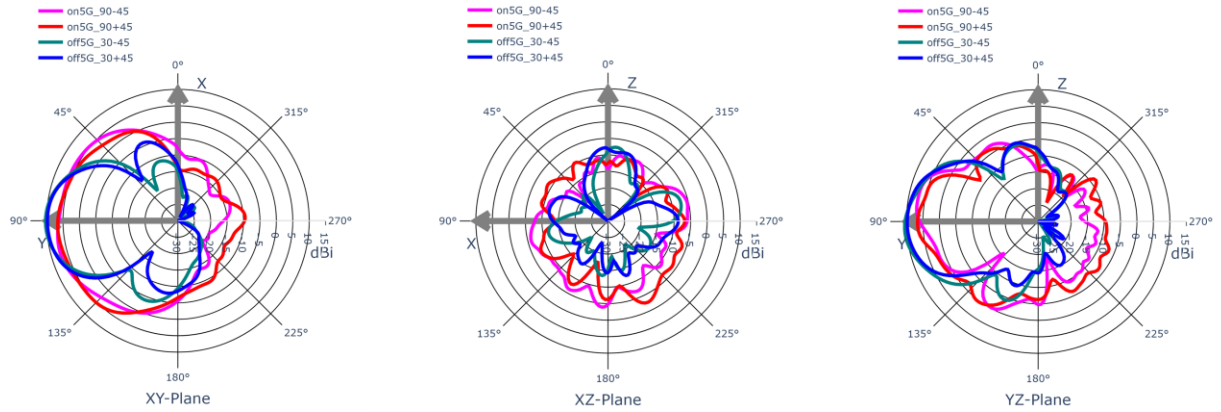
2.40GHz Wi-Fi antenna patterns



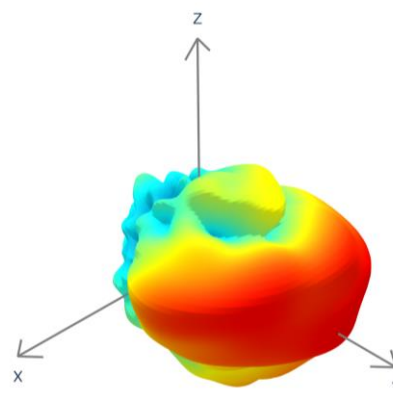
2.45GHz Wi-Fi antenna patterns



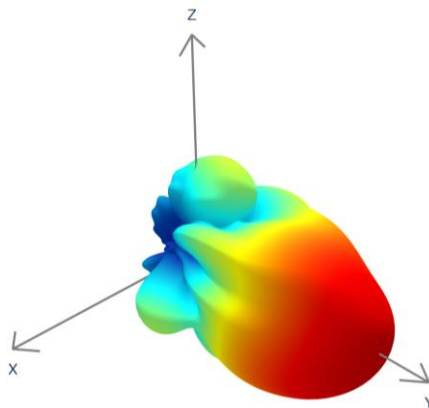
2.48GHz Wi-Fi antenna patterns



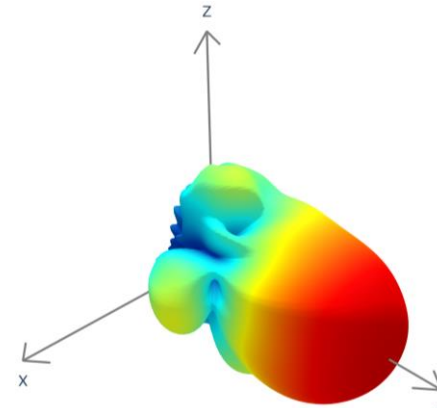
on 5G_30x90-45



on 5G_30x90+45

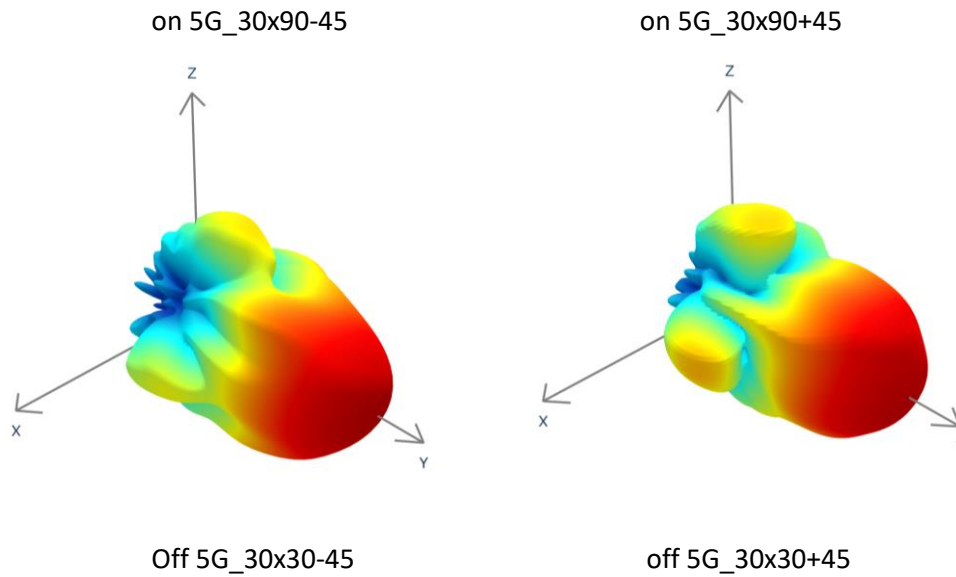
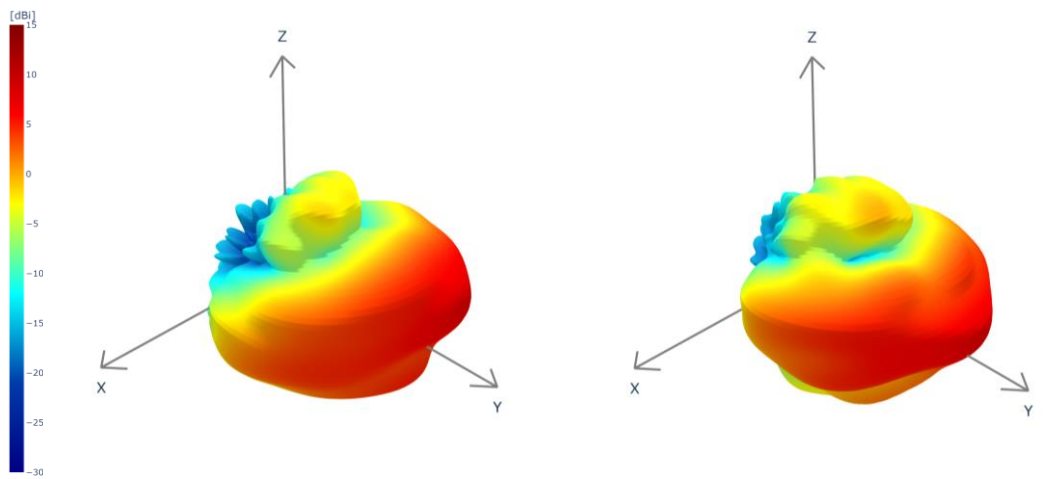
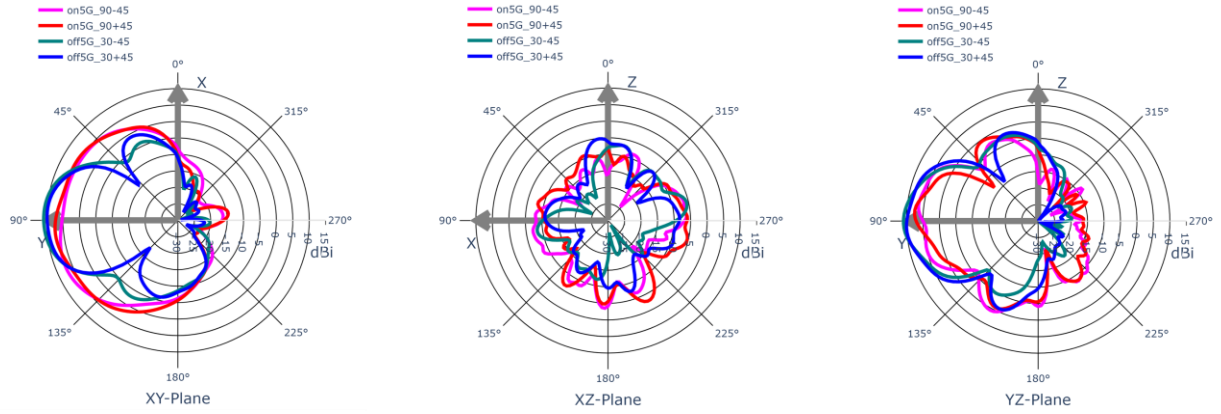


Off 5G_30x30-45

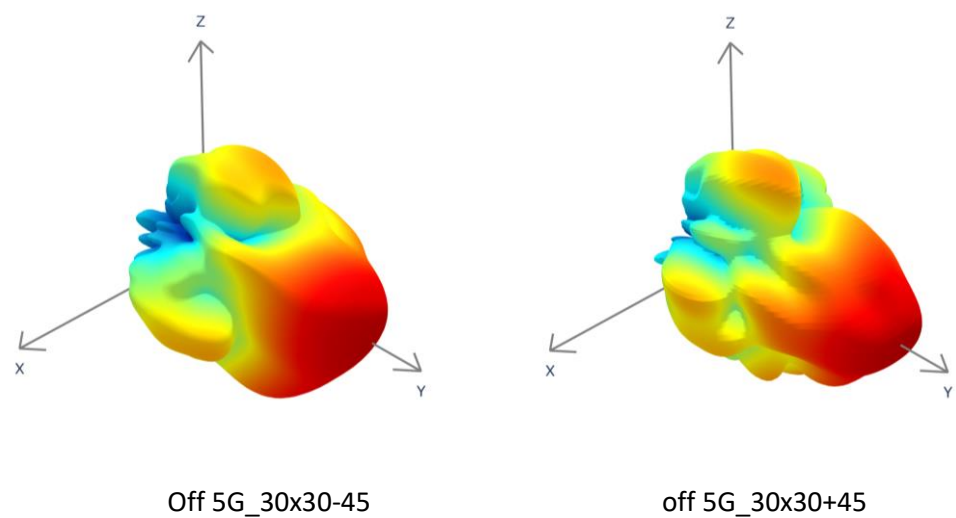
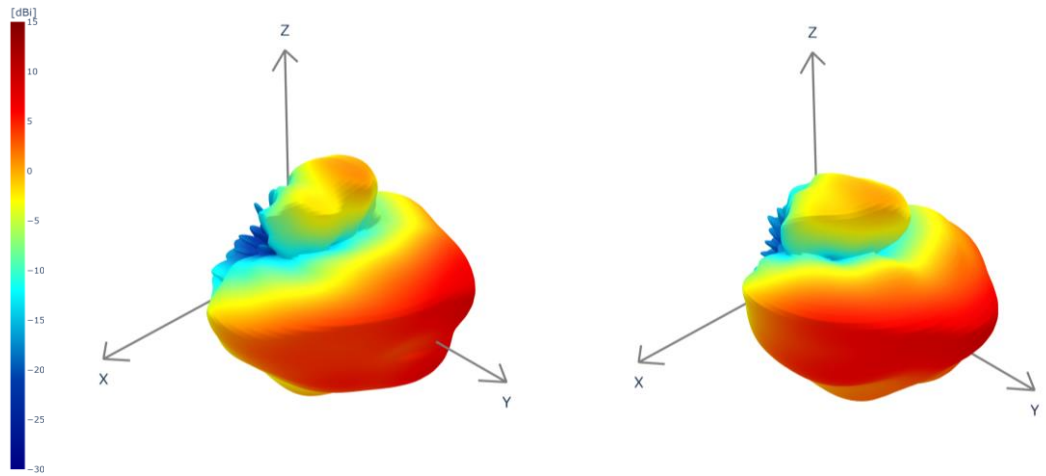
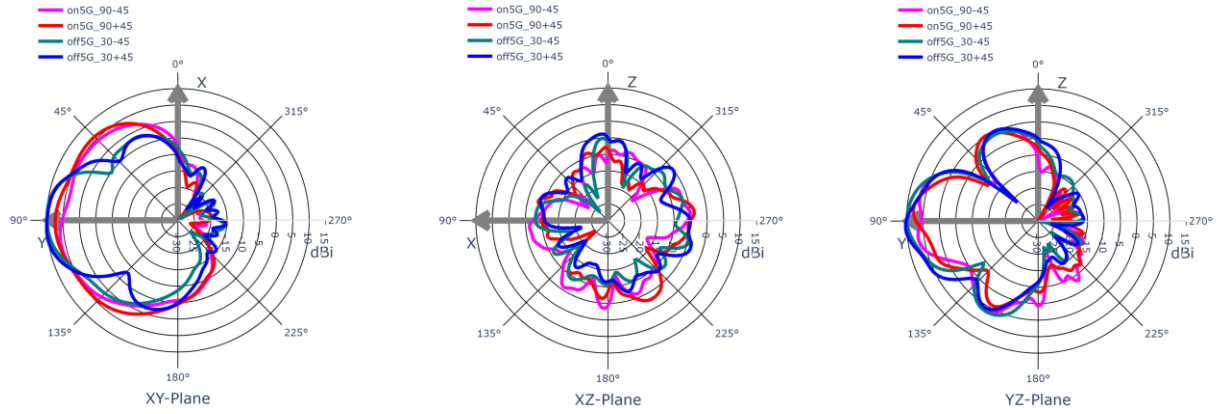


off 5G_30x30+45

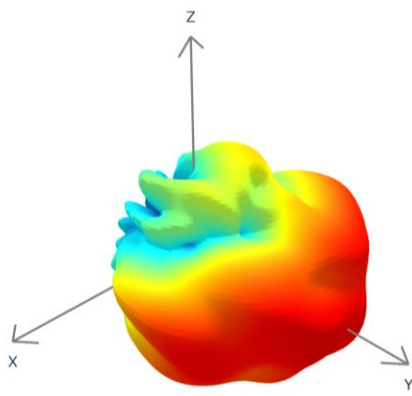
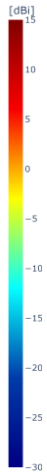
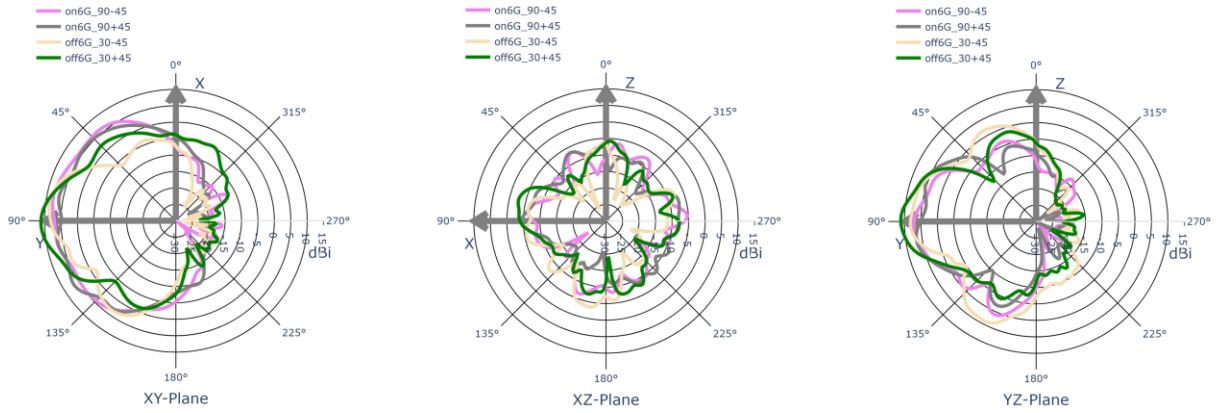
5.2GHz Wi-Fi antenna patterns



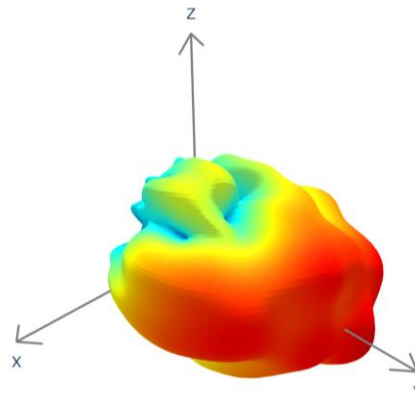
5.5GHz Wi-Fi antenna patterns



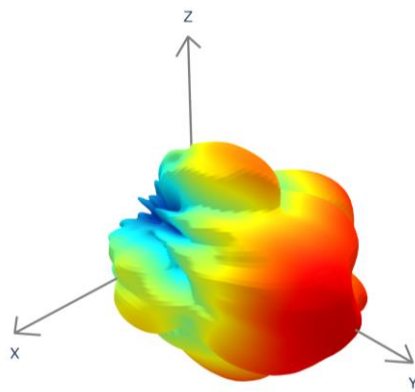
5.8GHz Wi-Fi antenna patterns



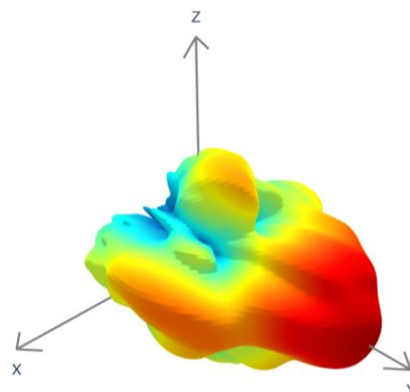
on 6G_30x90-45



on 6G_30x90+45

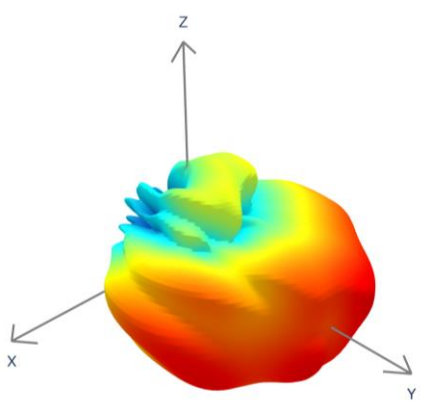
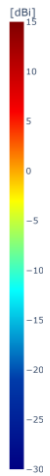
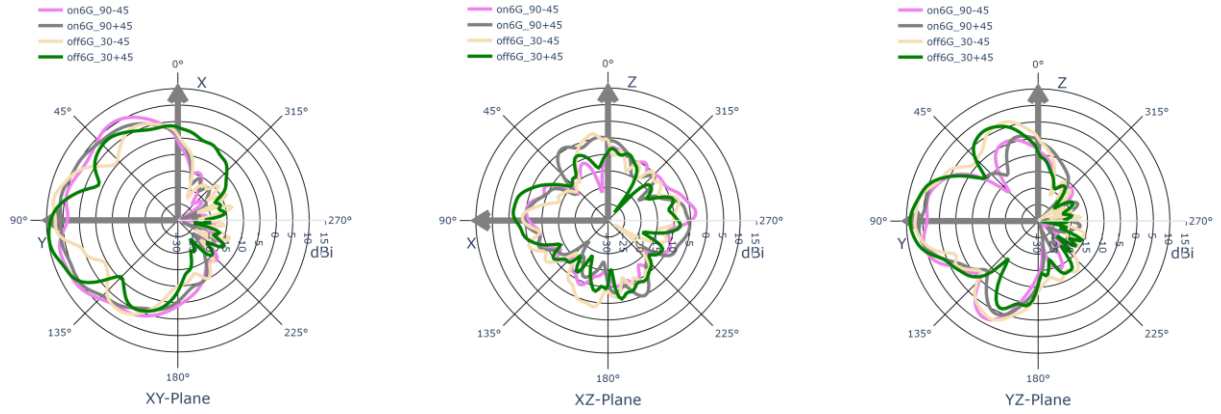


Off 6G_30x30-45

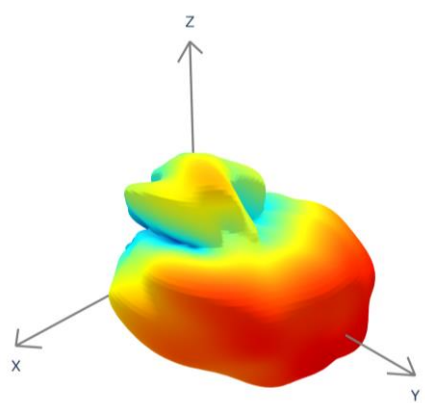


off 6G_30x30+45

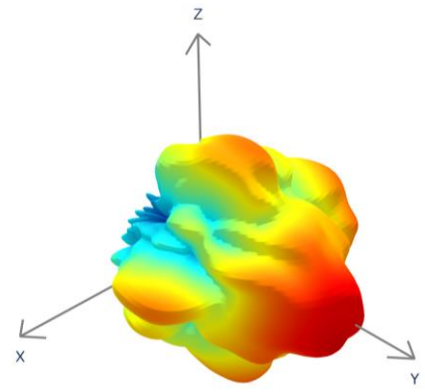
6.1GHz Wi-Fi antenna patterns



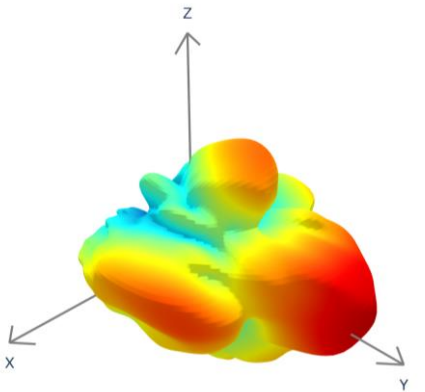
on 6G_30x90-45



on 6G_30x90+45

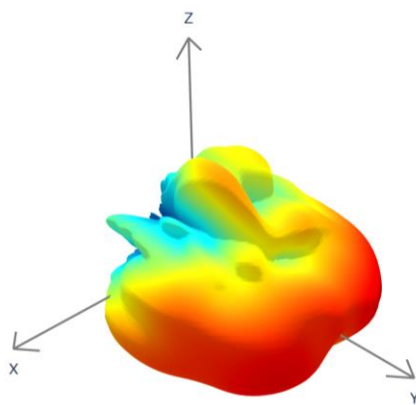
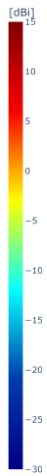
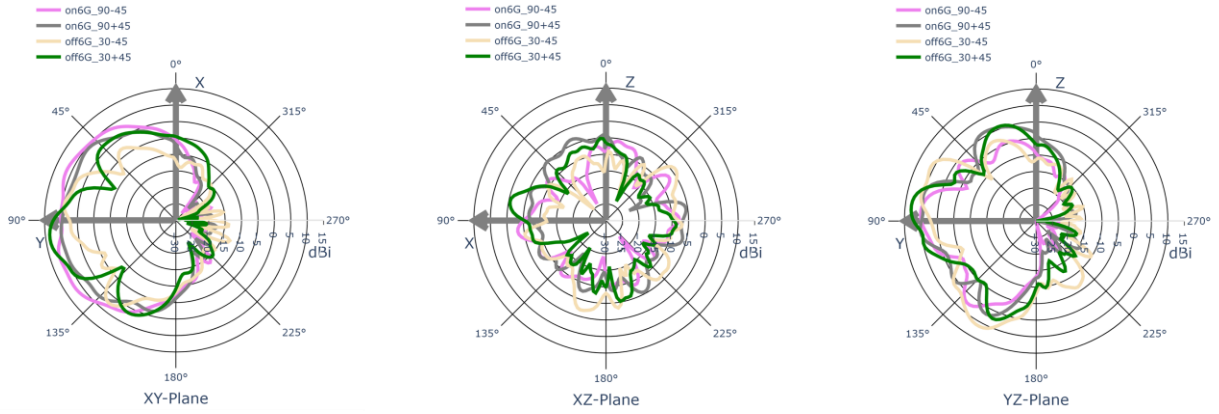


Off 6G_30x30-45

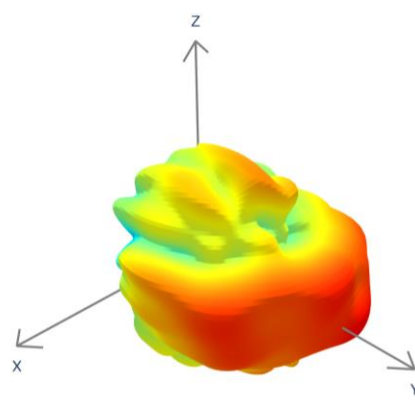


off 6G_30x30+45

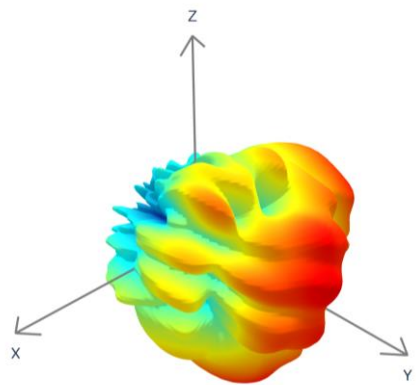
6.5GHz Wi-Fi antenna patterns



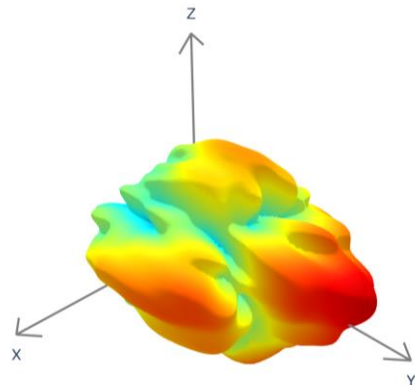
on 6G_30x90-45



on 6G_30x90+45

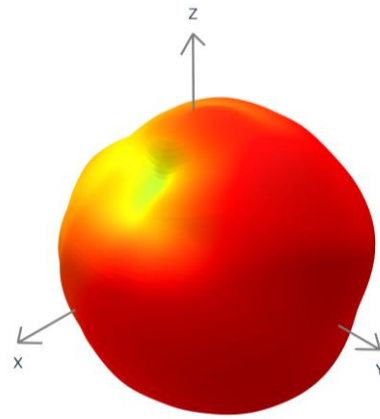
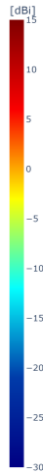
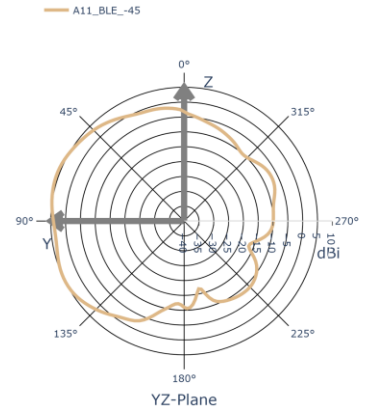
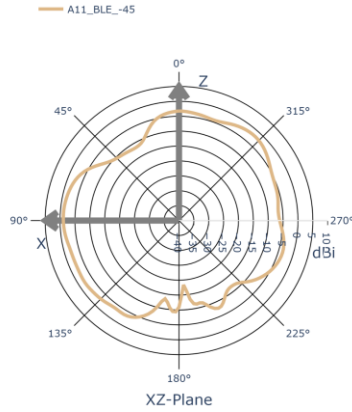
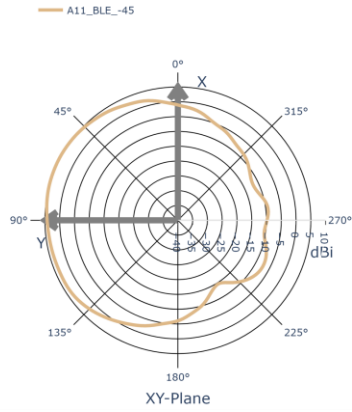


Off 6G_30x30-45

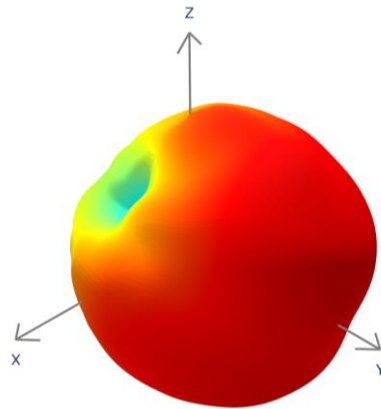
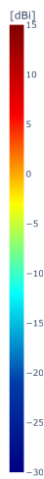
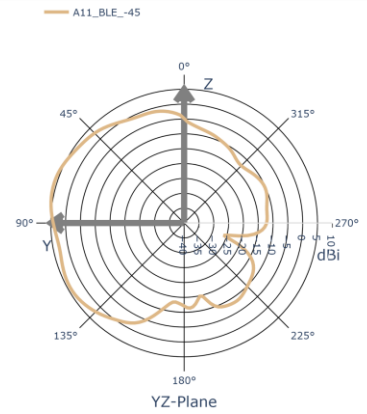
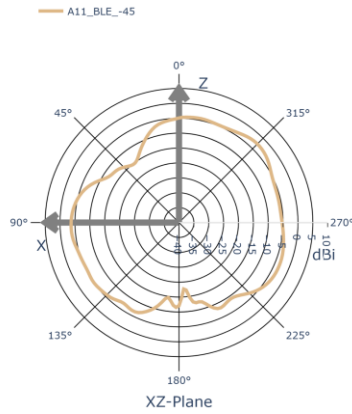
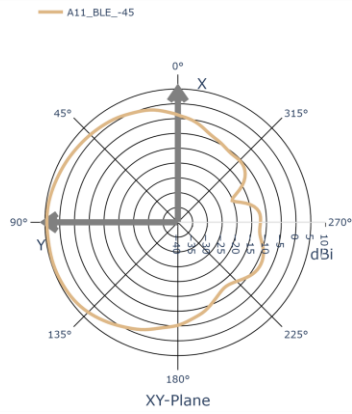


off 6G_30x30+45

6.9GHz Wi-Fi antenna patterns

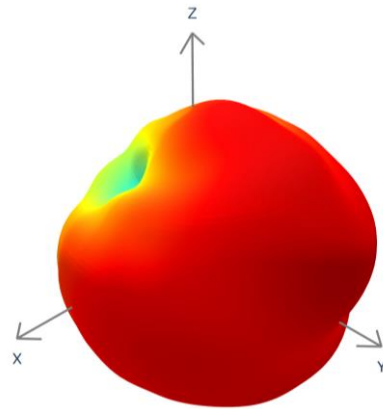
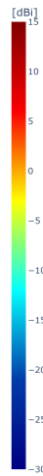
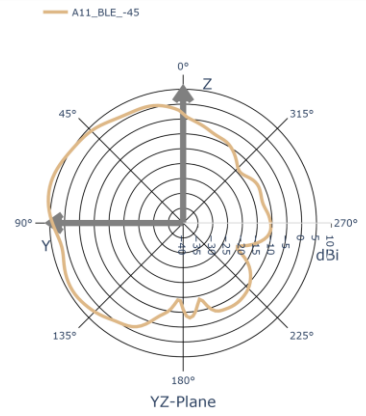
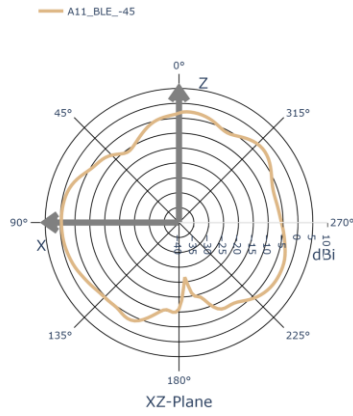
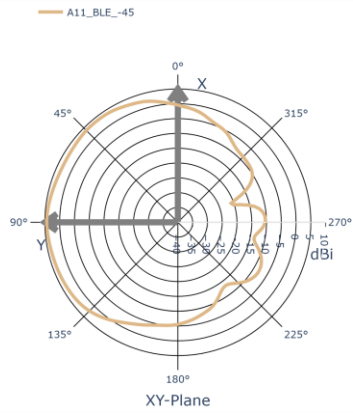


A11_BLE
2.40GHz BLE antenna patterns



A11_BLE

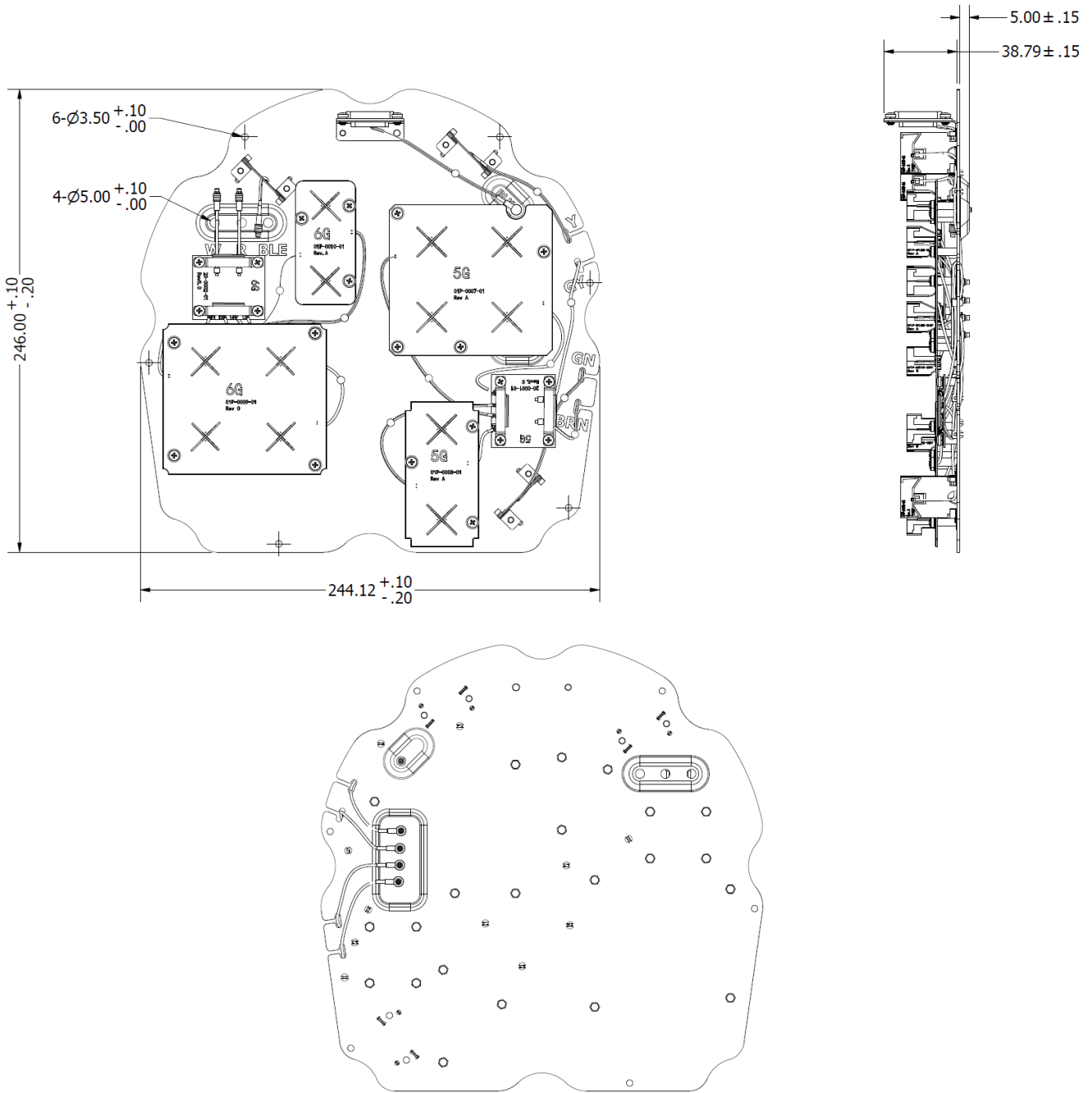
2.45GHz BLE antenna patterns



A11_BLE

2.48GHz BLE antenna patterns

Mechanical drawings



Ordering information

Part number	Description
HPE Aruba Networking Antennas for outdoor Access Points	
Model number	HPE Aruba Networking AP-ANT-679 Tri-Band Antenna