

# Antenna 193846



## 5G MIMO×4 Antenna + GPS + WLAN



### Specifications:

#### 5G MIMO:

Frequency Range:	698-960/1710-2690/2900-3800 MHz
V.S.W.R:	< 3.0
Polarisation:	Linear
Impedance:	50 Ω
Gain:	4 dBi typ.

#### GNSS:

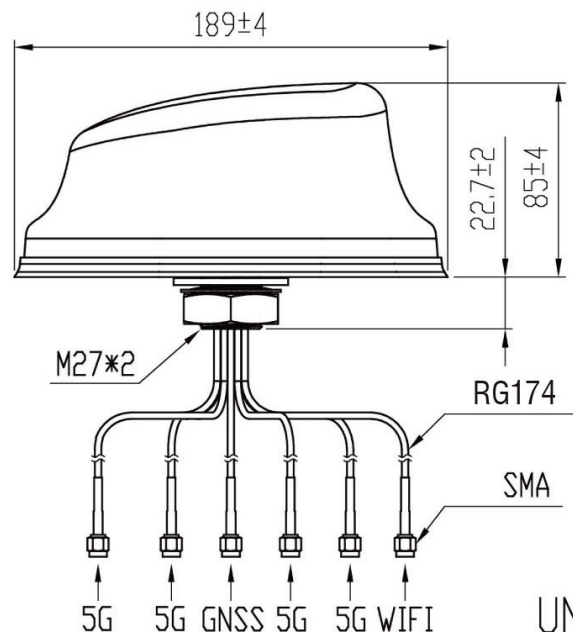
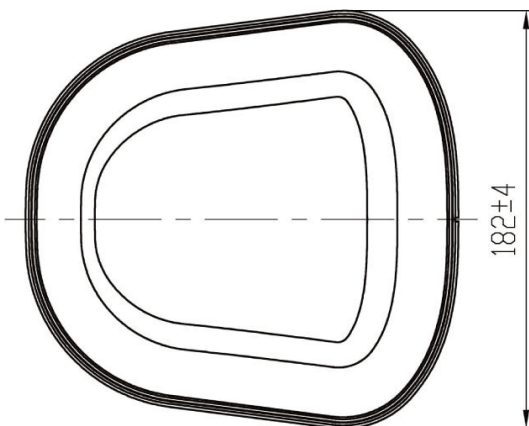
Frequency:	GPS L1/L2/L5, GLONASS G1/G2/G3, COMPASS B1/B2/B3, Galileo E1/L1/E2/E5a/E5b/E6
V.S.W.R:	< 2.0
Polarisation:	RHCP
Impedance:	50 Ω
LNA Gain:	40 ± 2dB
Noise Figure:	≤2.0dB
Supply Voltage:	3-12 V DC
Current Consumption:	≤60mA

#### WLAN:

Frequency Range:	2400-2483.5 MHz / 4900-5925 MHz
V.S.W.R:	< 2.5
Polarisation:	Linear
Impedance:	50 Ω
Gain:	4 dBi typ.

#### Mechanical:

Cable:	6x 3 m RG174
Connector:	6x SMA (male)
Mounting Methode:	Screw
Operating temperature range:	-40°C to +85°C
Ingress Protection:	IP67 (excl. cable outlet)

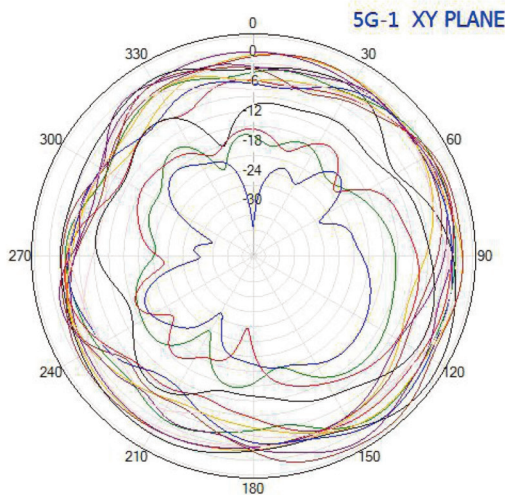


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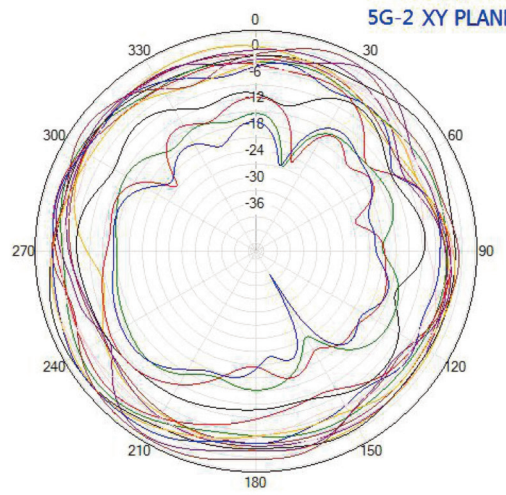


## Radiation Pattern

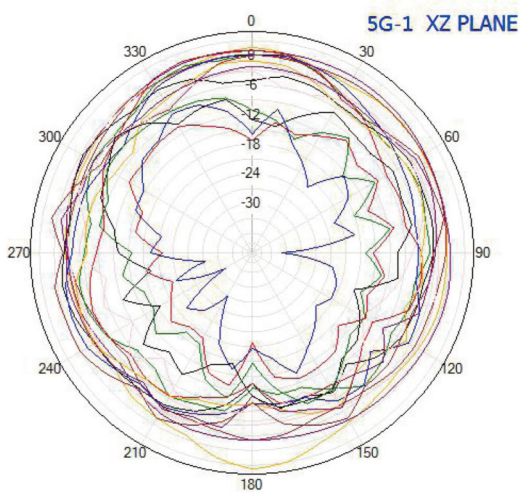
NR Antenna



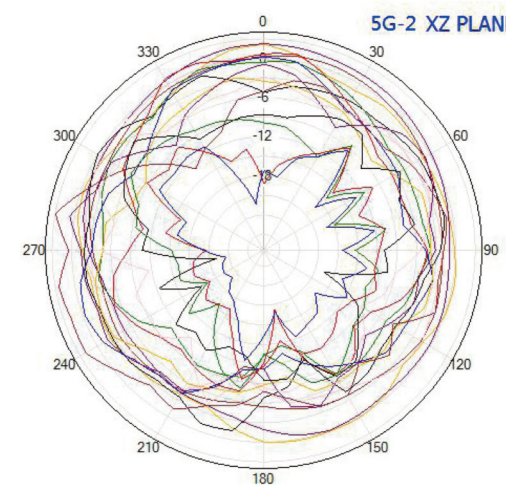
- 1710MHz
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- 1990MHz
- 2170MHz
- 2300MHz
- 2500MHz
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- 3800MHz
- 4400MHz
- 4800MHz
- 5000MHz
- 698MHz
- 824MHz
- 868MHz
- 960MHz



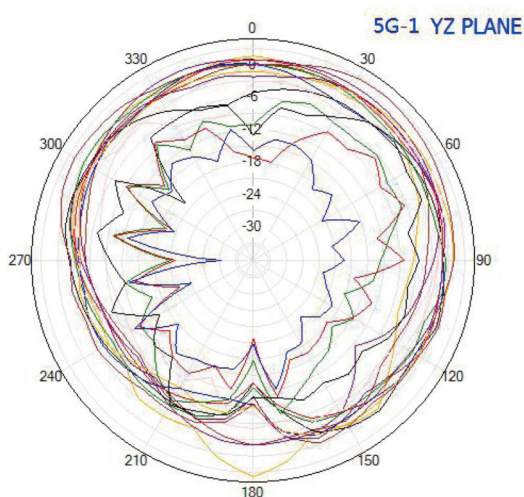
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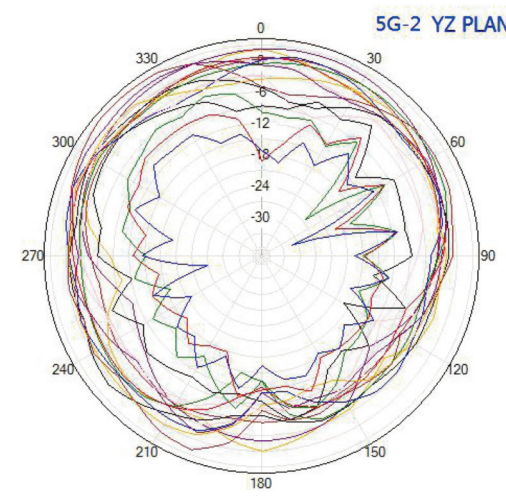
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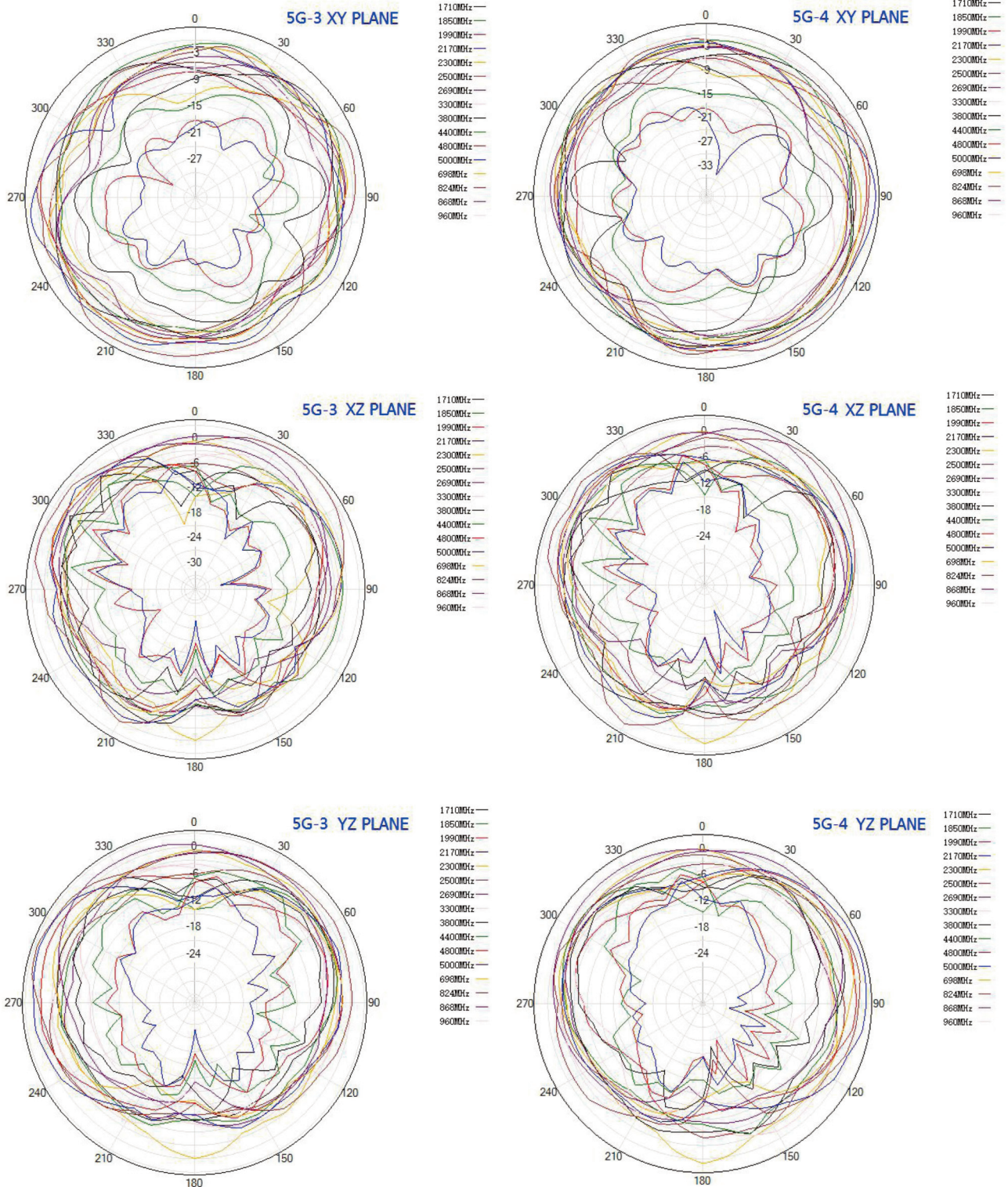


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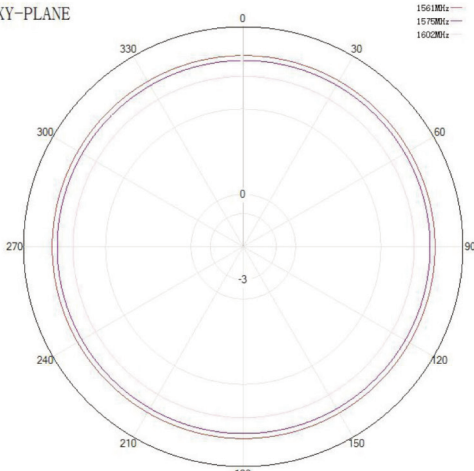
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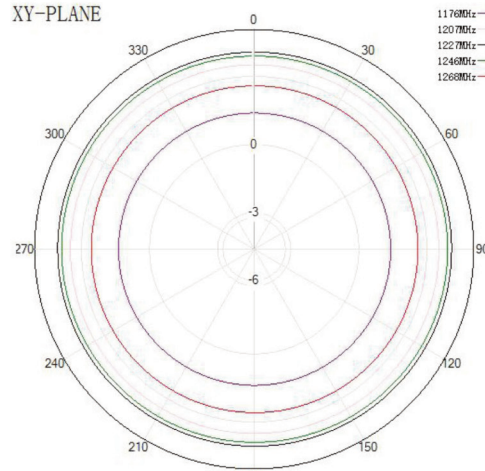
### Radiation Pattern

#### GNSS Antenna

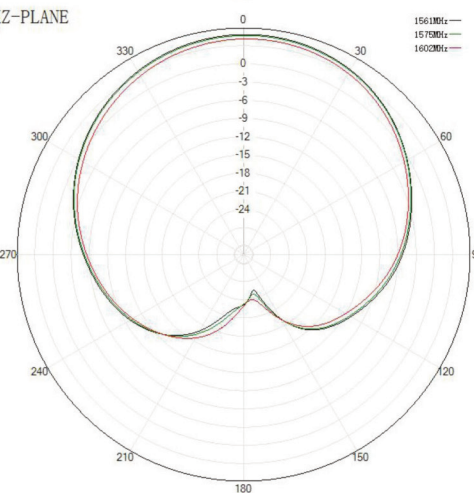
XY-PLANE



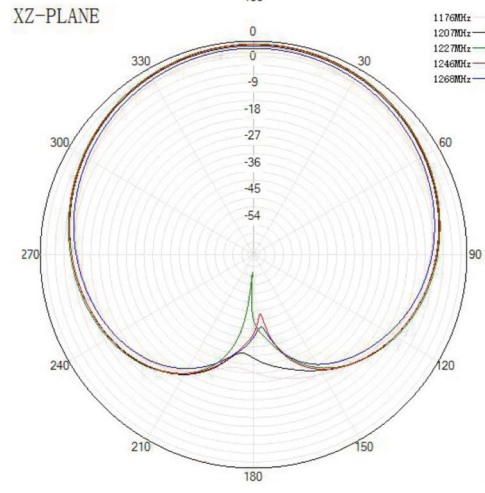
XY-PLANE



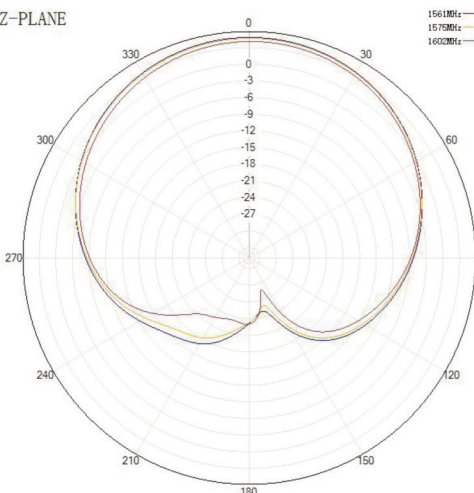
XZ-PLANE



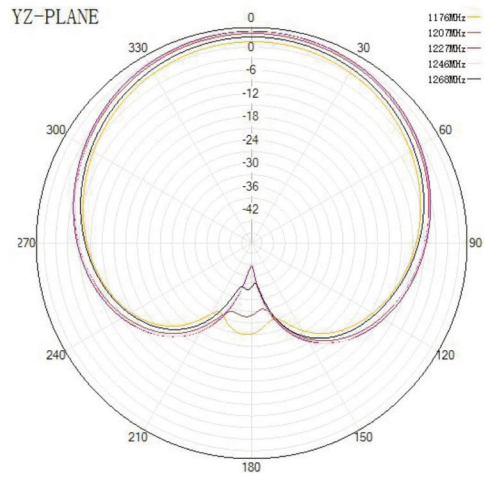
XZ-PLANE



YZ-PLANE



YZ-PLANE



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### Radiation Pattern

WIFI Antenna

