Sub 6GHz 5GNR Bands Antenna

MERFA-S60-AP873-6175000

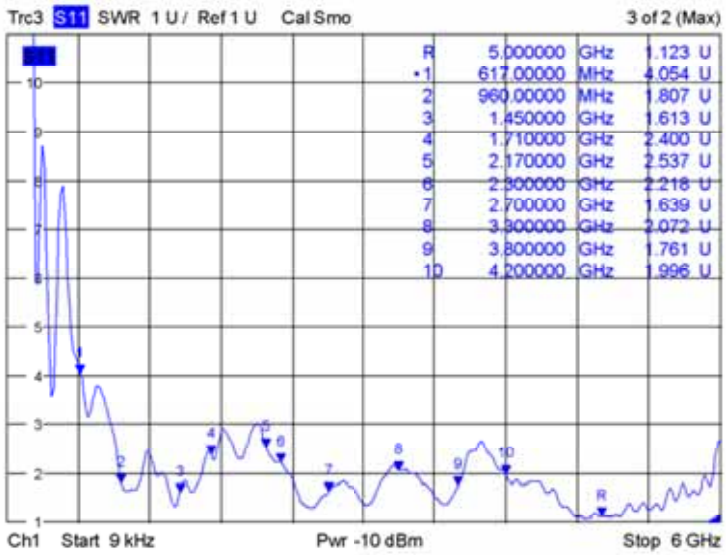
Specifications

Frequency (MHz)	617-798	803-960	1452-1496	1710-2200	2300-2690	3300-3800	4200-5000
Peak gain	-0.6 dBi	-0.42 dBi	2.7 dBi	1.5 dBi	2.7 dBi	4 dBi	5 dBi
Average gain	-4.9 dBi	-3.7 dBi	-2.9 dBi	-2.2 dBi	-1.7 dBi	-2.3 dBi	-2 dBi
VSWR	4.5：1 Max	4.5：1 Max	3.0：1 Max	3.5：1 Max	3.0：1 Max	3.0：1 Max	3.0：1 Max
Polarization	Linear, vertical						
Impedance	50 Ω						
Connector	IPEX						

Environment & Mechanical Characteristics

Temperature	- 10℃ to +55℃
Humidity	95% @ 25℃

VSWR



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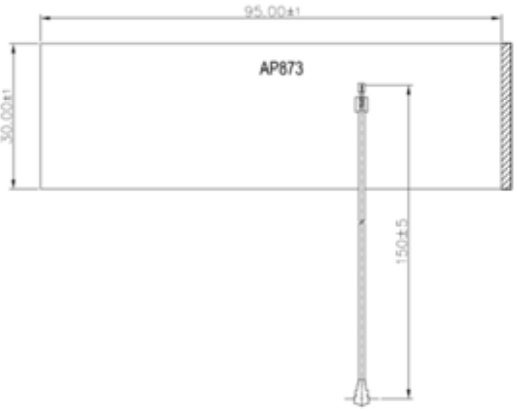
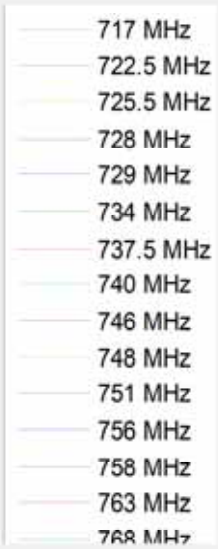
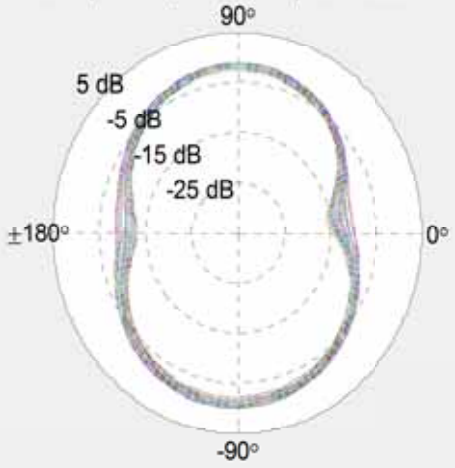


Radiation Pattern

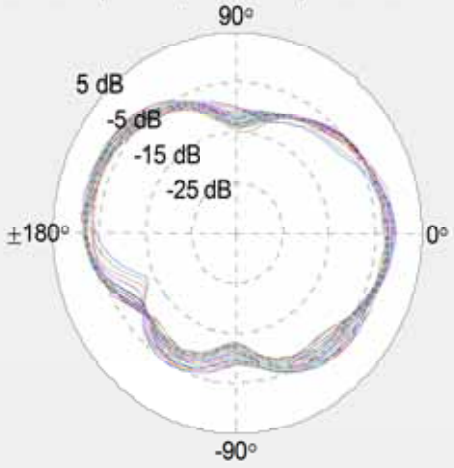
L1 Band = 650 - 803 MHz % LTE-L Band



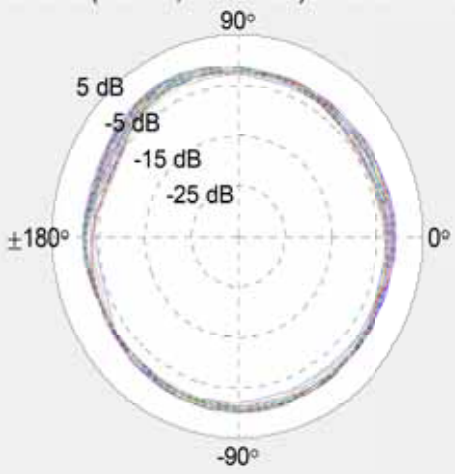
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0 °



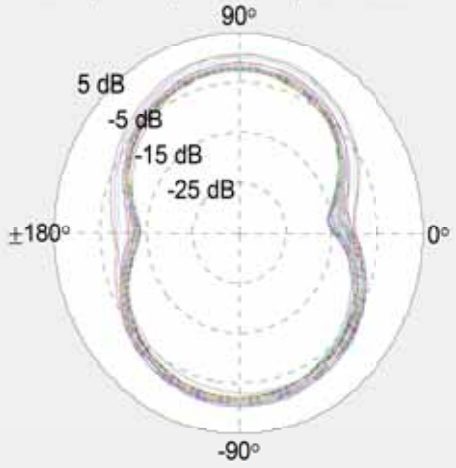
YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



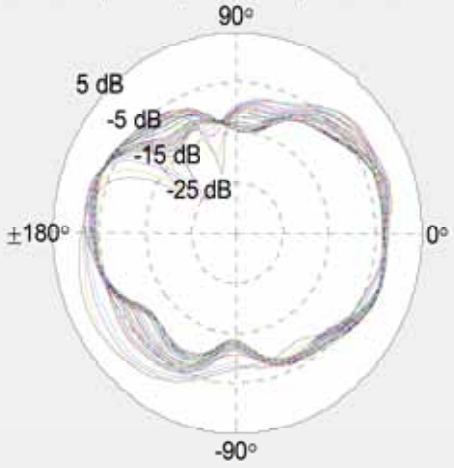
Radiation Pattern

L2 Band = 791 - 960 MHz % LTE-L Band

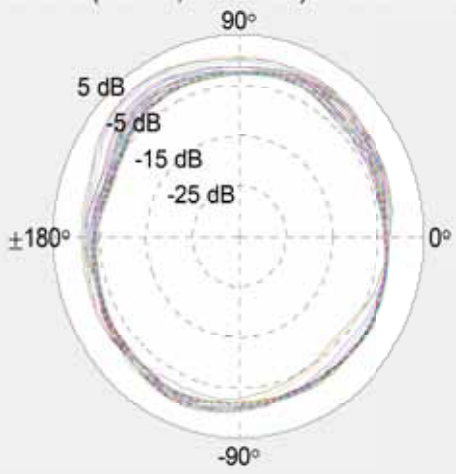
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0 °

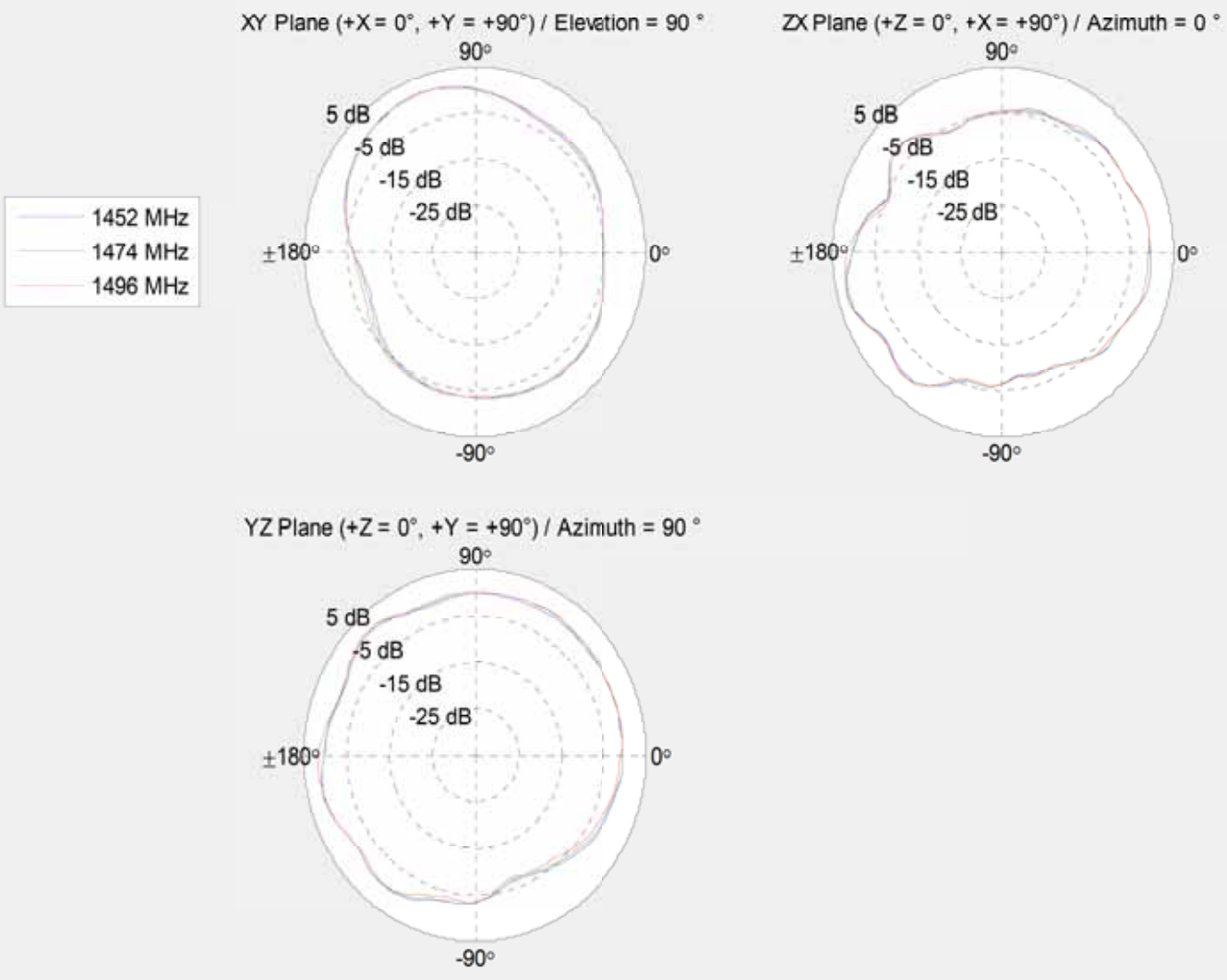


YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



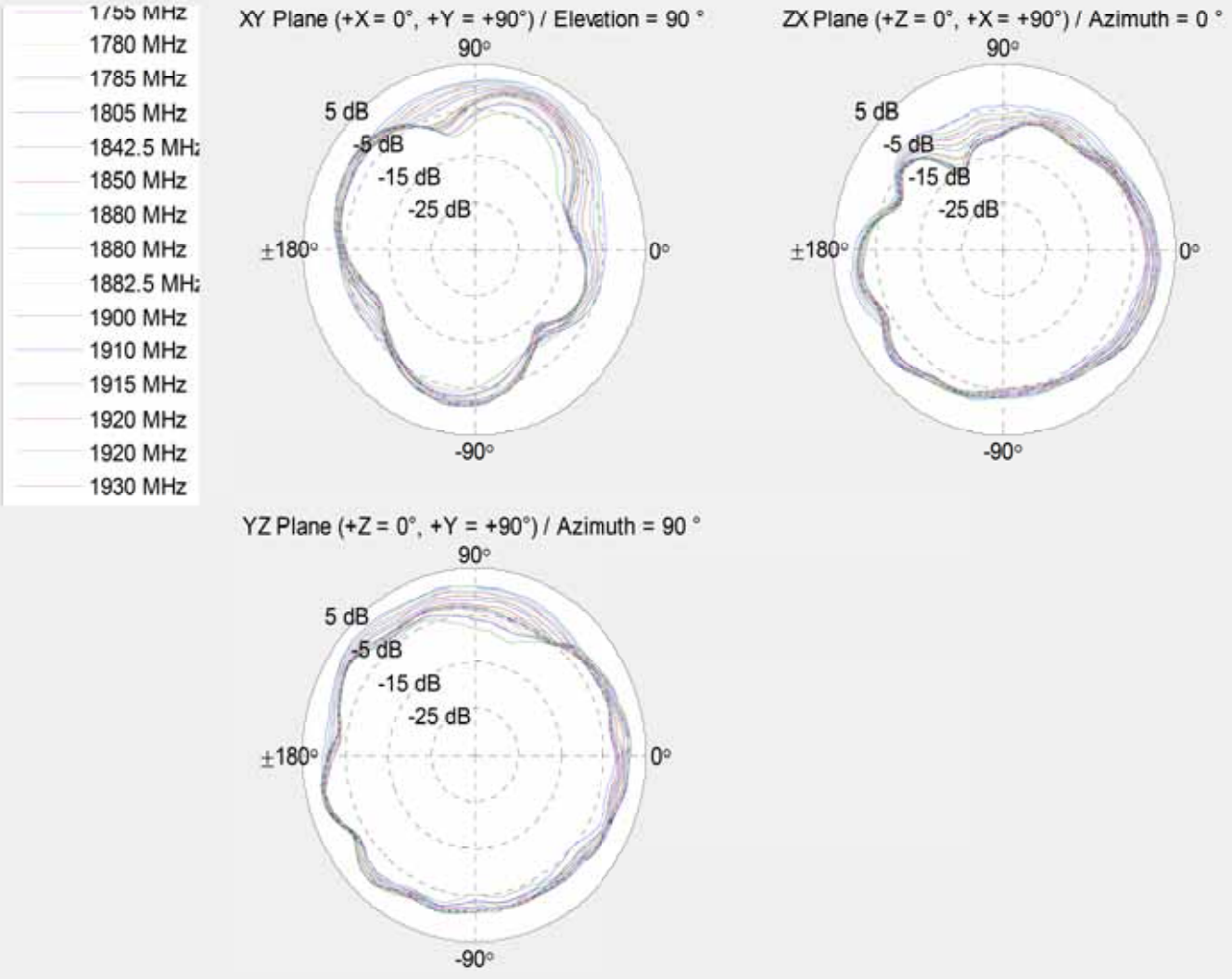
Radiation Pattern

JP Band = 1400 - 1569 MHz % LTE-JP Band



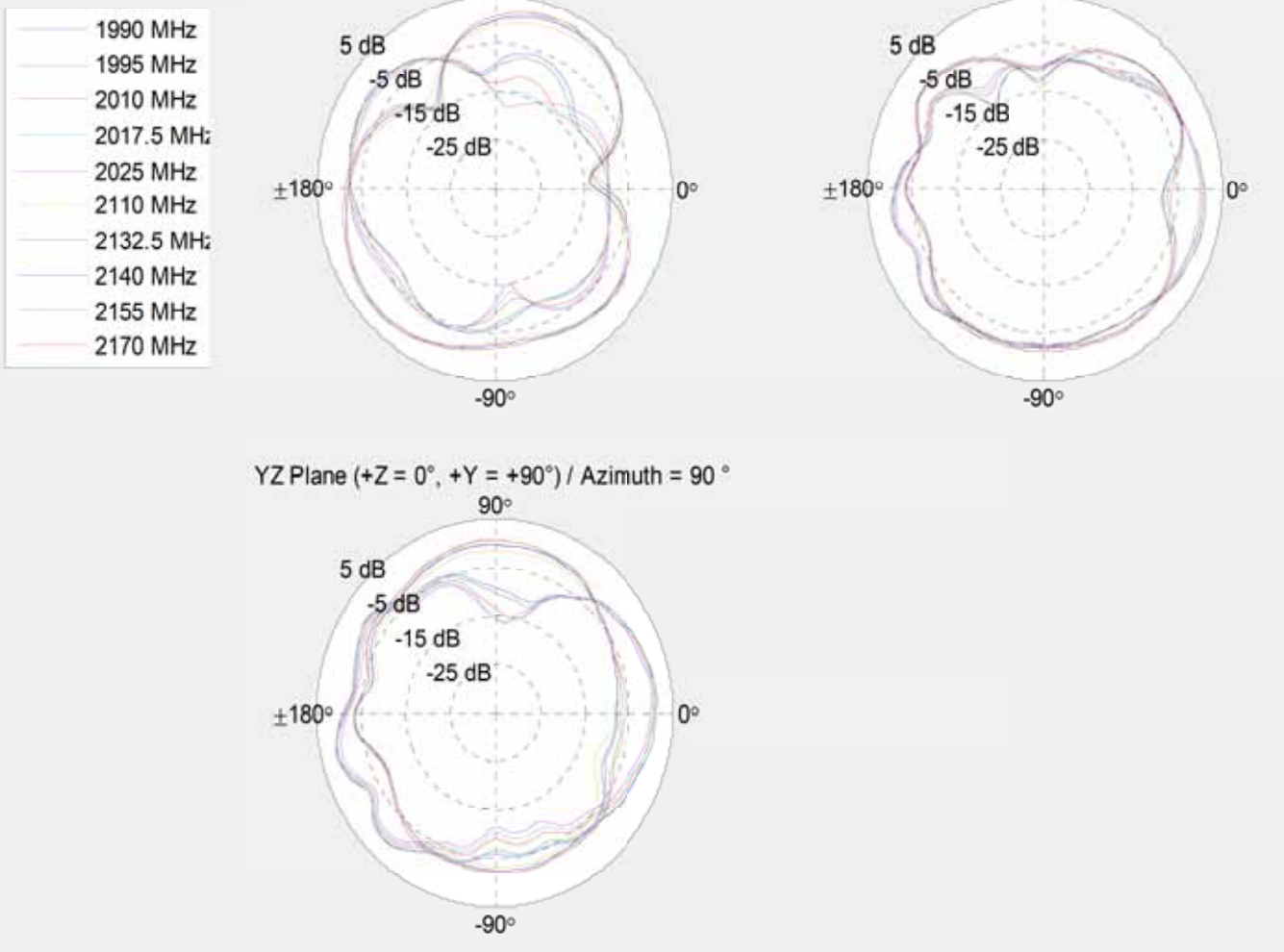
Radiation Pattern

H1 Band = 1700 - 1989 MHz % LTE-H1 Band



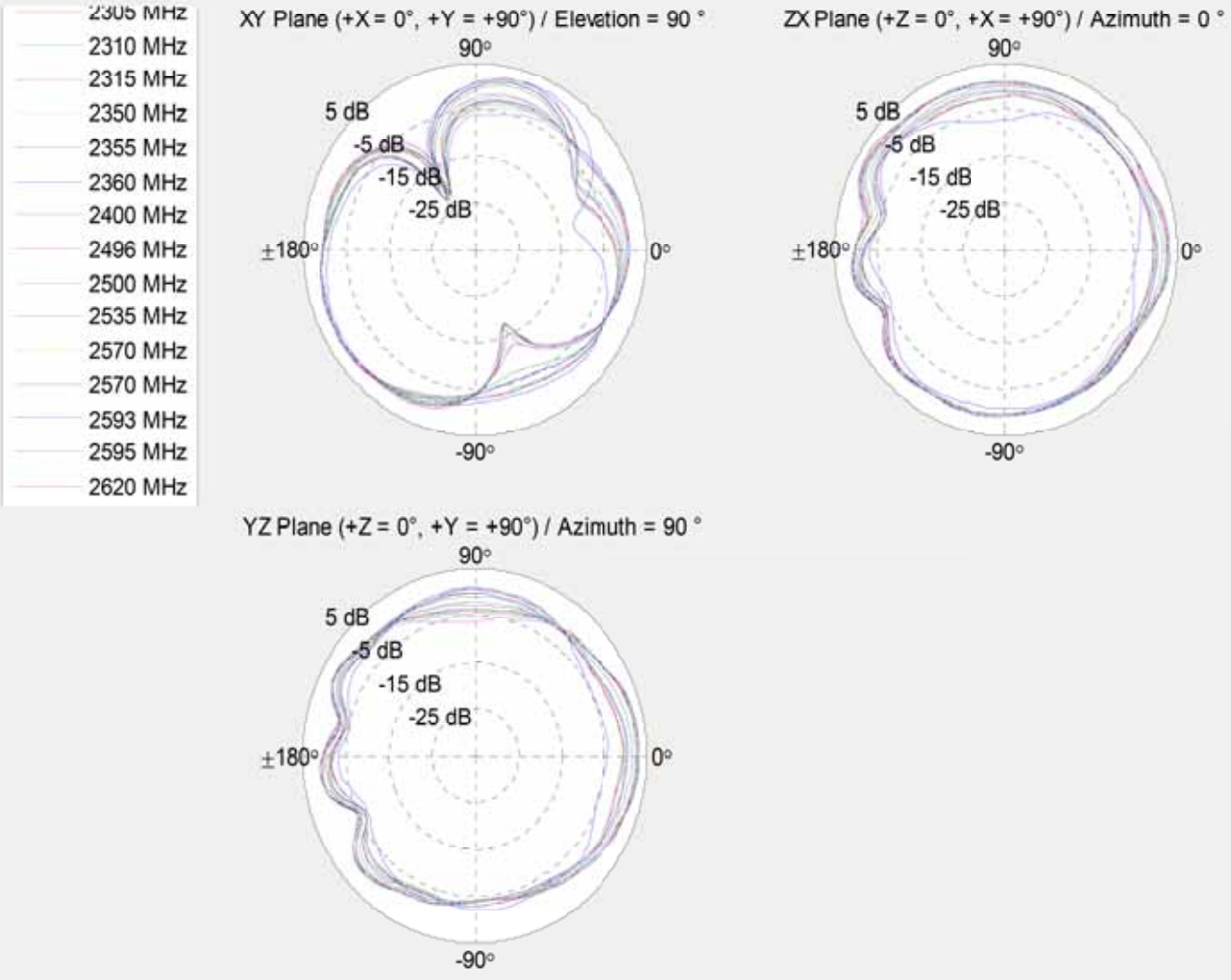
Radiation Pattern

H2 Band = 1990 - 2170 MHz % LTE-H2 Band



Radiation Pattern

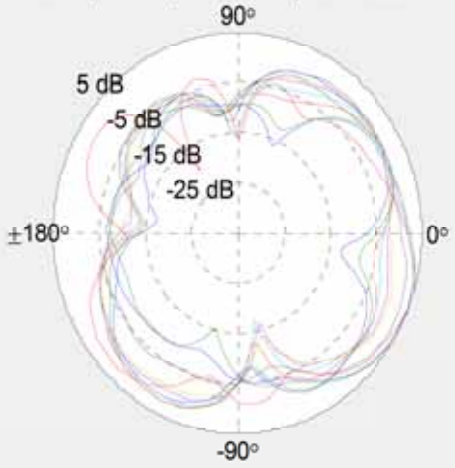
H3 Band = 2180 - 2750 MHz



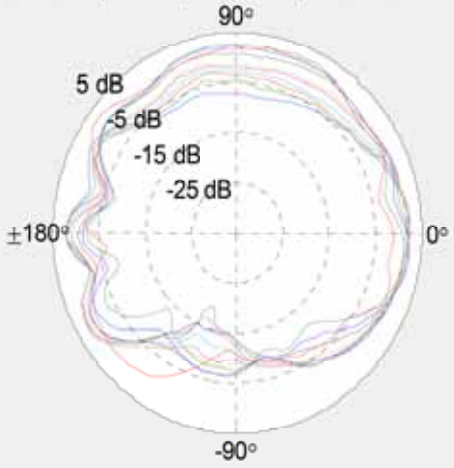
Radiation Pattern

3G Band = 3000 - 4200 MHz % 3G Band

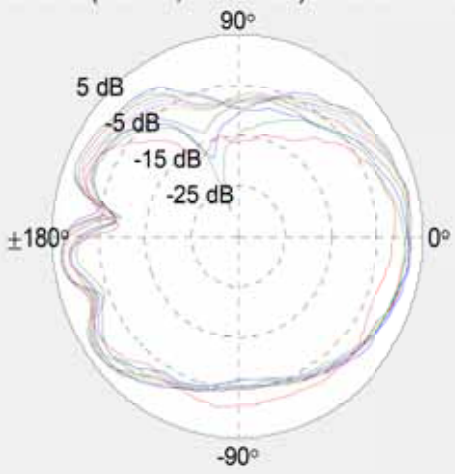
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0 °



YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



Radiation Pattern

5G Band = 4400 - 6000 MHz