

LTE Full Band & GPS antenna

RFA-LTE-GPS-C55-B70

Specifications

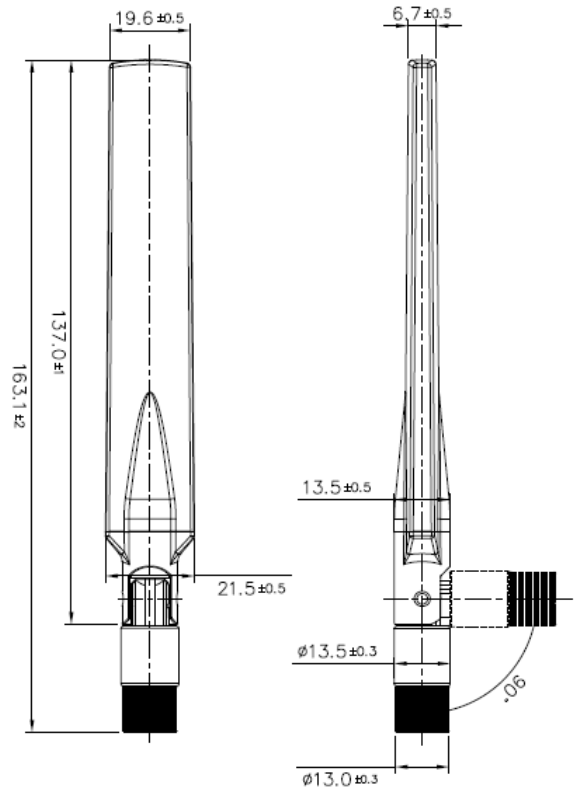
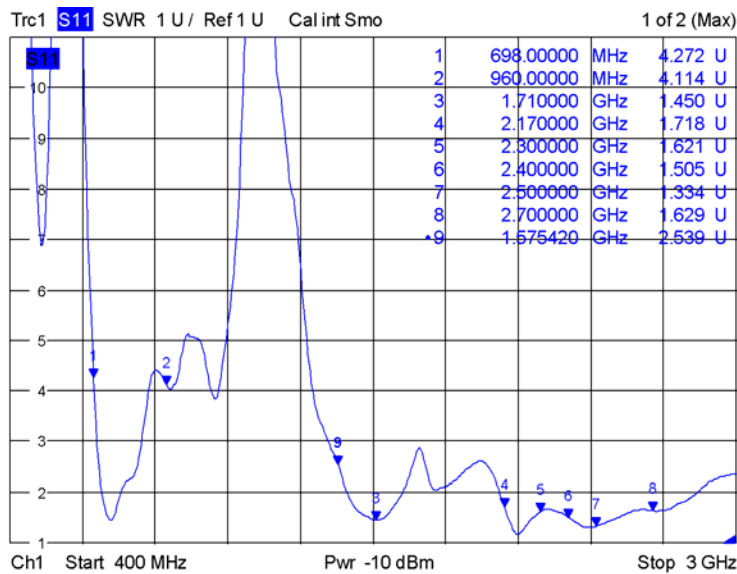
Frequency (MHz)	698-791	824-960	1575.42	1710-2170	2300-2700
Peak gain (dBi)	1.19	0.24	1.56	2.12	3.79
VSWR	4.5 : 1 Max.	4.5 : 1 Max.	3.0 : 1 Max.	3.5 : 1 Max.	2.0 : 1 Max.
Polarization	Linear, vertical				
Impedance	50 Ω				
Connector	SMA PLUG				

Environment & Mechanical Characteristics

Temperature	- 10°C to +55°C
Humidity	95% @ 25°C

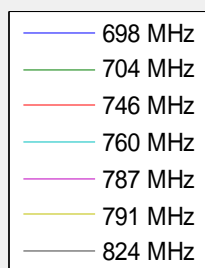


VSWR

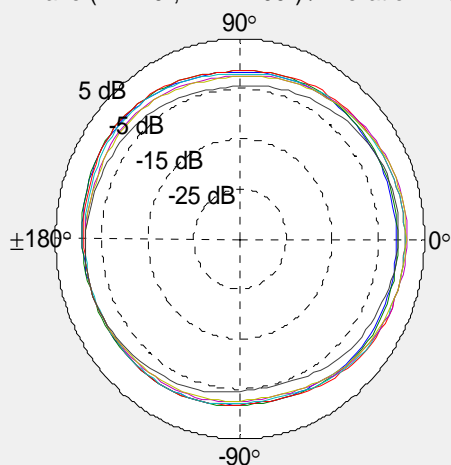


Radiation Pattern

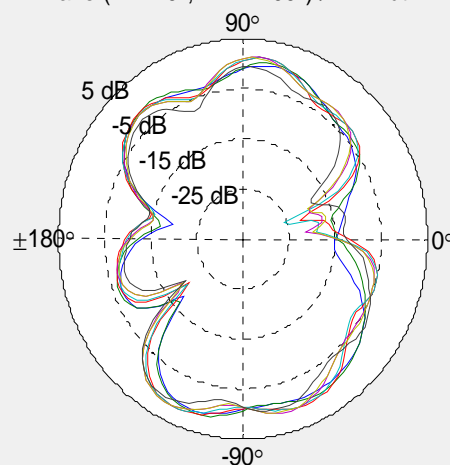
L1 Band = 698 - 830 MHz % LTE-L Band



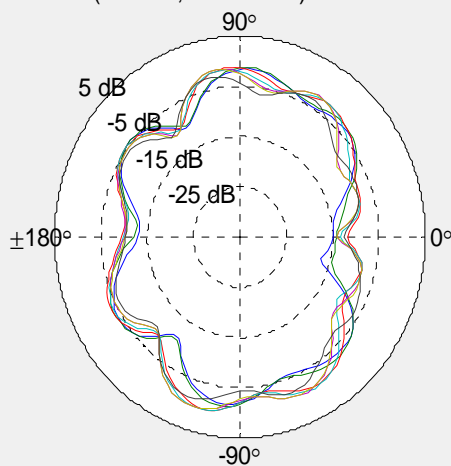
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



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



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

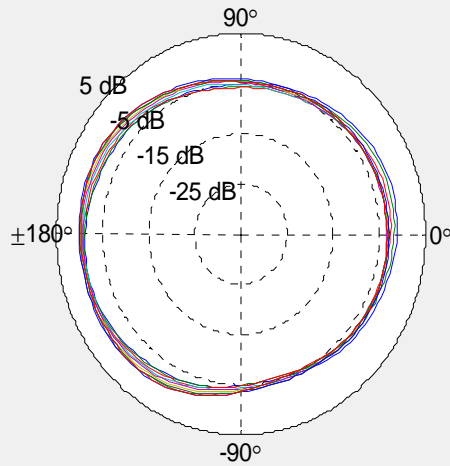


Radiation Pattern

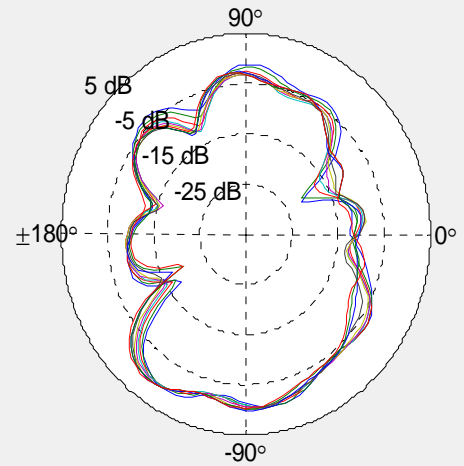
L2 Band = 831 - 960 MHz % LTE-L Band

- 836 MHz
- 849 MHz
- 869 MHz
- 880 MHz
- 894 MHz
- 900 MHz
- 915 MHz
- 925 MHz
- 940 MHz
- 960 MHz

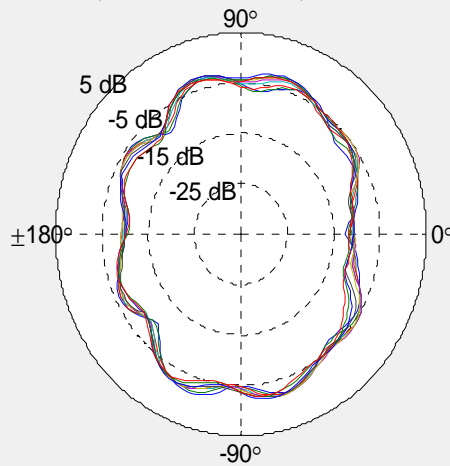
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



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



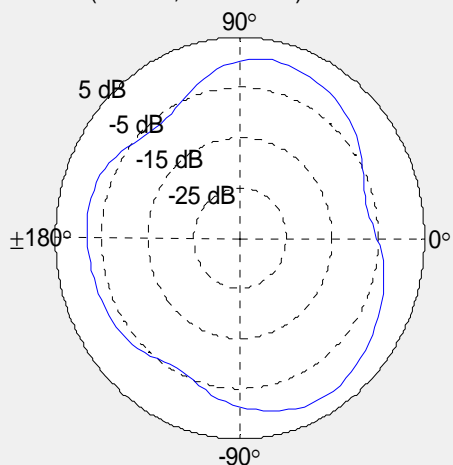
YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



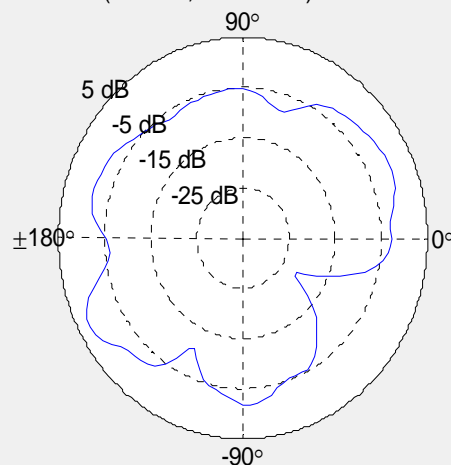
Radiation Pattern

JP Band = 1200 - 1600 MHz % LTE-JP Band

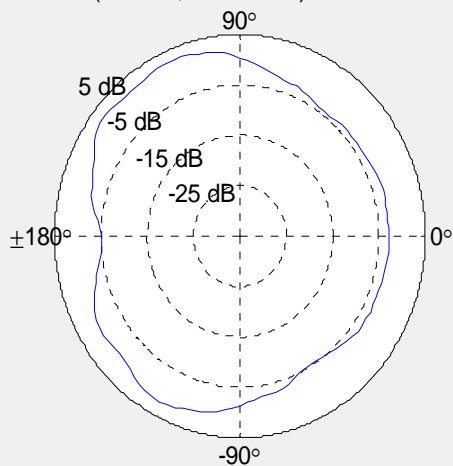
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



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



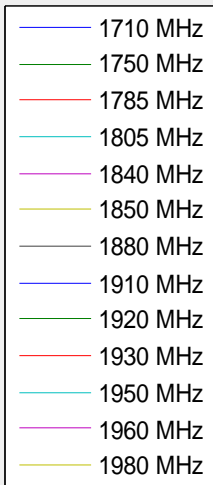
YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



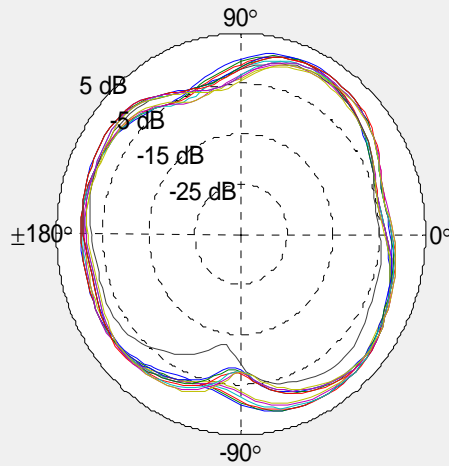
1575.42 MHz

Radiation Pattern

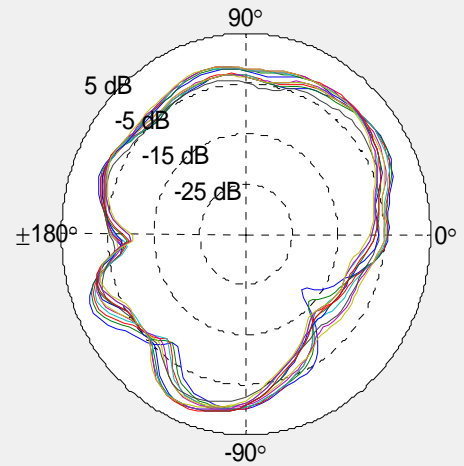
H1 Band = 1710 - 1980 MHz % LTE-H1 Band



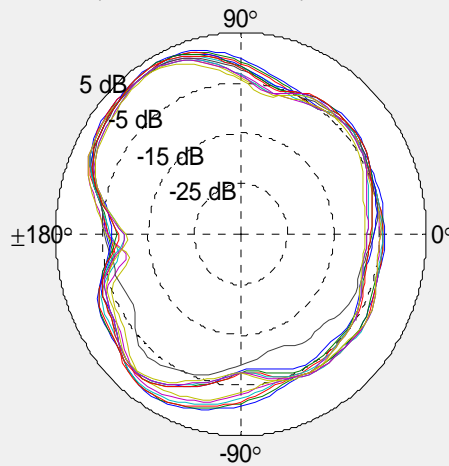
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90 °



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

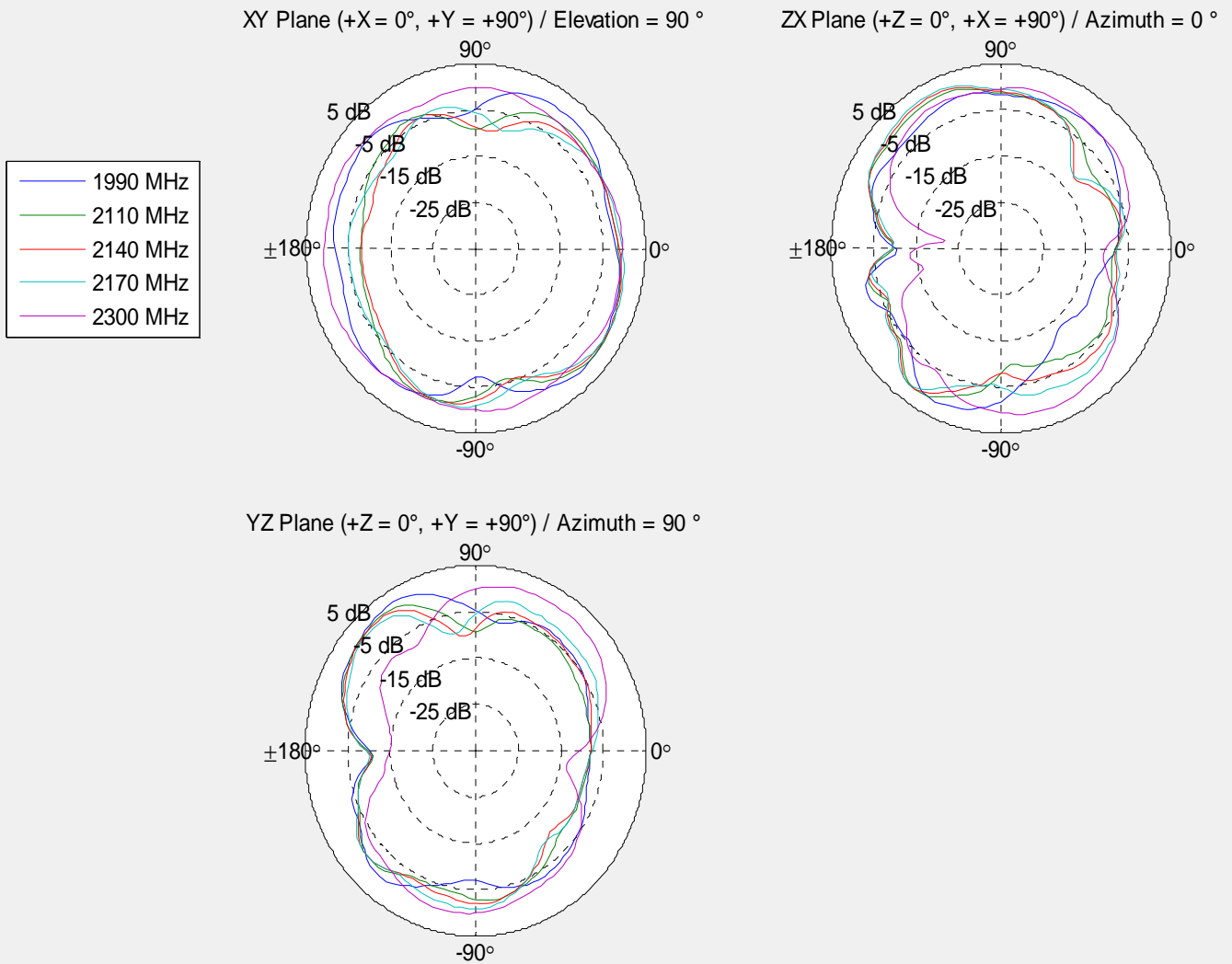


YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90 °



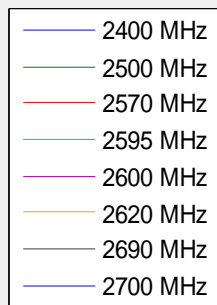
Radiation Pattern

H2 Band = 1990 - 2300 MHz % LTE-H2 Band

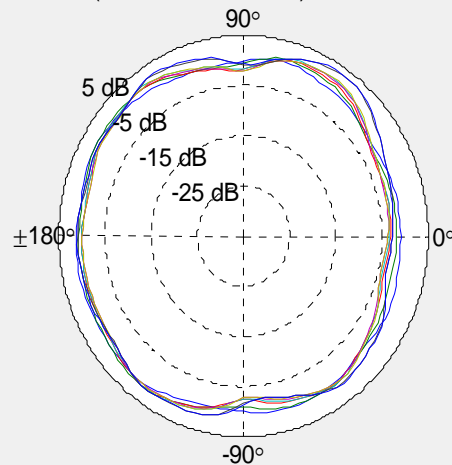


Radiation Pattern

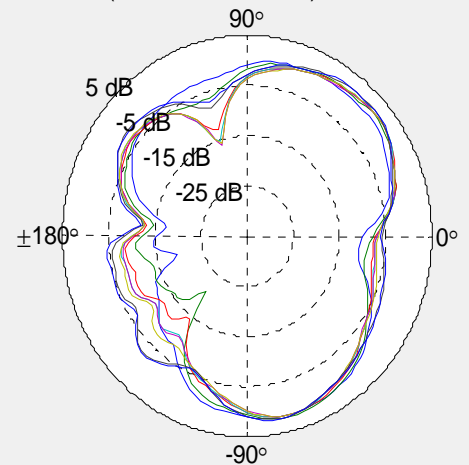
H3 Band = 2301 - 2700 MHz % LTE-H2 Band



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



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



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

