

Antenna Type: LTE _ Monopole / Wi-Fi _ Dipole

RFA-LTE02-T1000J1080

Specifications

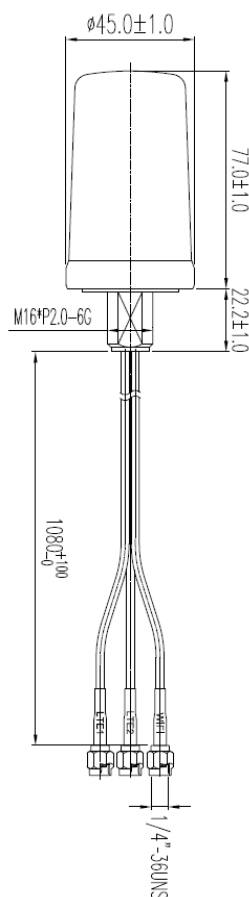
	LTE-P1		
Frequency	698-960 MHz	1710-2170 MHz	2300-2700 MHz
Peak gain	2.88 dBi	2.75 dBi	2.54 dBi
Average gain	-3.7 dBi	-3.65 dBi	-2.9 dBi
VSWR	3.5 · 1 Max.	3.5 · 1 Max.	3.5 · 1 Max.
Polarization	Linear, vertical		
Impedance	50 Ω		
Cable /Connector	ULA100 L=1080mm / SMA PLUG		

	LTE-P2		
Frequency	698-960 MHz	1710-2170 MHz	2300-2700 MHz
Peak gain	2.97 dBi	2.12 dBi	3.35 dBi
Average gain	-3.25 dBi	-4.07 dBi	-2.12 dBi
VSWR	3.5 · 1 Max.	3.5 · 1 Max.	3.5 · 1 Max.
Polarization	Linear, vertical		
Impedance	50 Ω		
Cable /Connector	ULA100 L=1080mm / SMA PLUG		

Frequency	2400-2500 MHz
Peak gain	2.28 dBi
Average gain	-2.97 dBi
VSWR	2.5 · 1 Max.
Polarization	Linear, vertical
Impedance	50 Ω
Cable /Connector	ULA100 L=1080mm / RP SMA PLUG

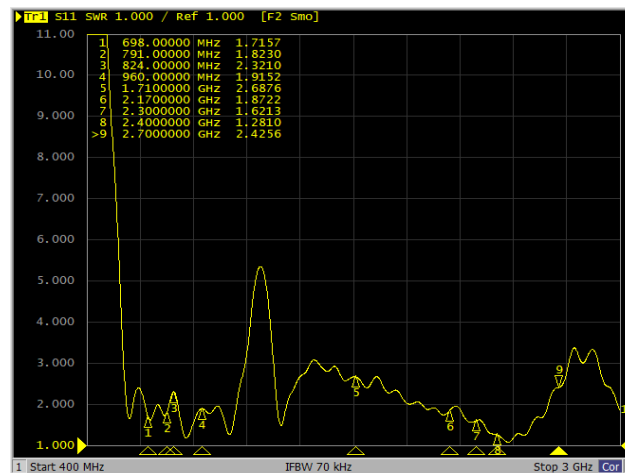
Environmental & Mechanical Characteristics

Temperature	-40°C to +85°C
Humidity	95% @ 25°C

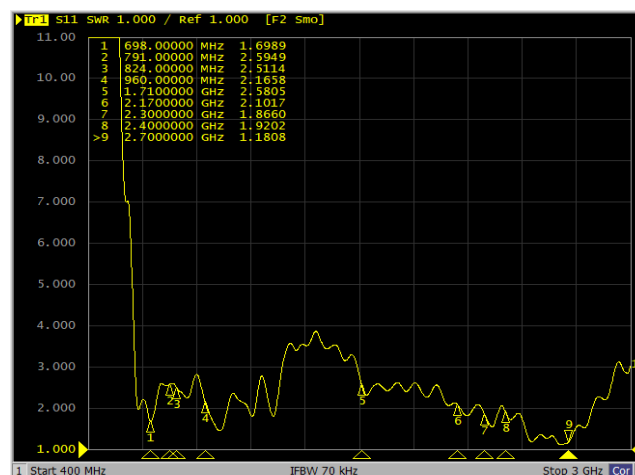


VSWR

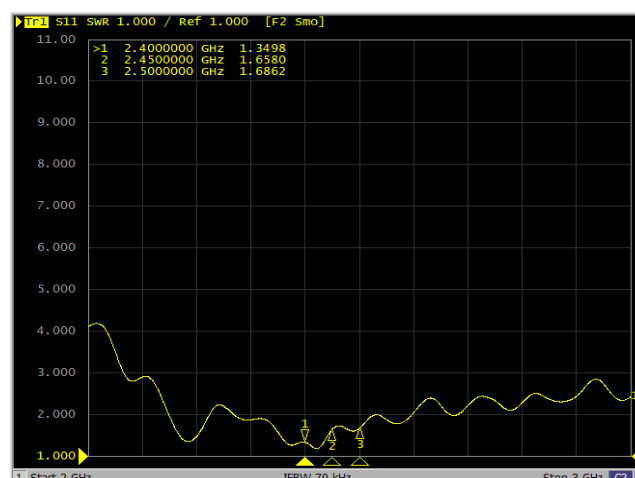
LTE-P1



LTE-P2



2.4G

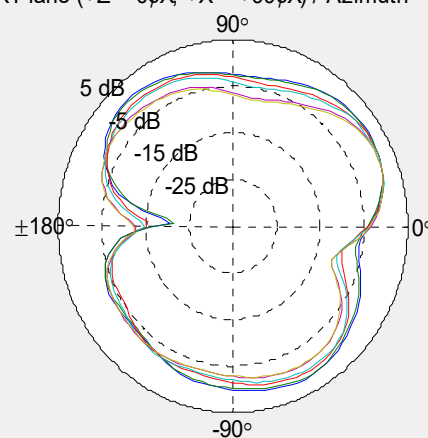
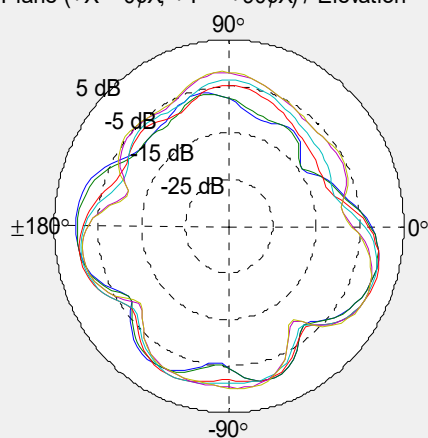
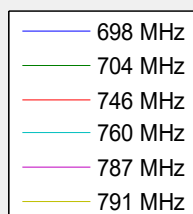


Radiation Pattern

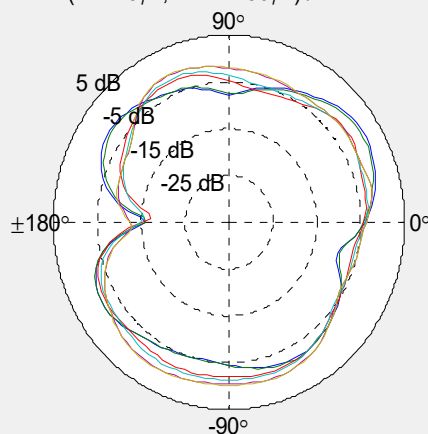
LTE-P1

L1 Band = 650 - 798 MHz % L1 BAND

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



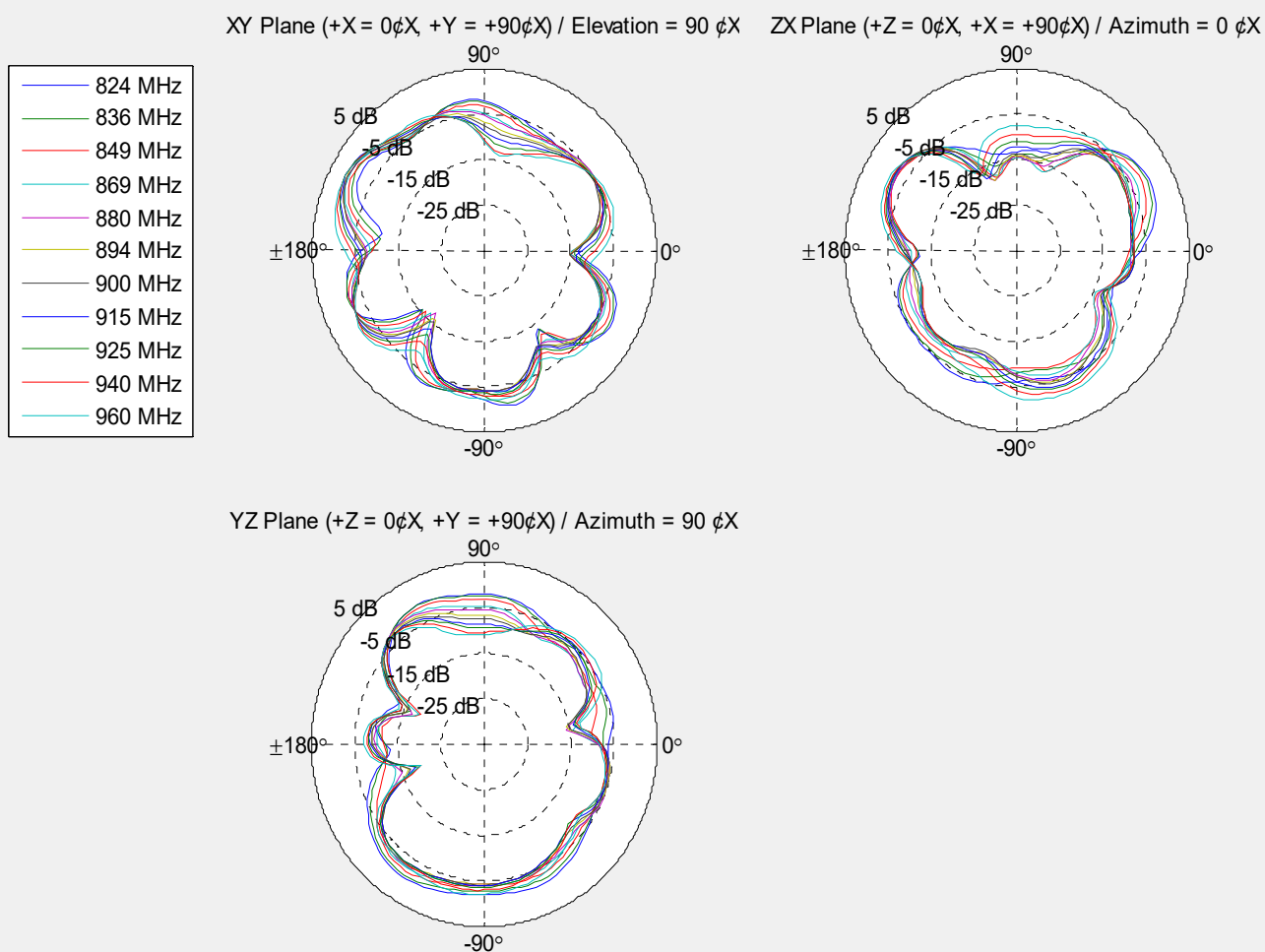
YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X



Radiation Pattern

LTE-P1

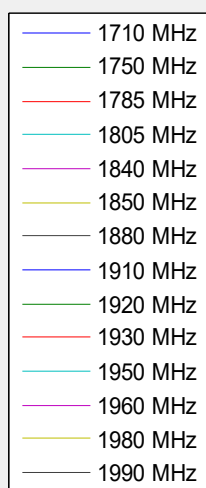
L2 Band = 792 - 960 MHz % L2 BAND



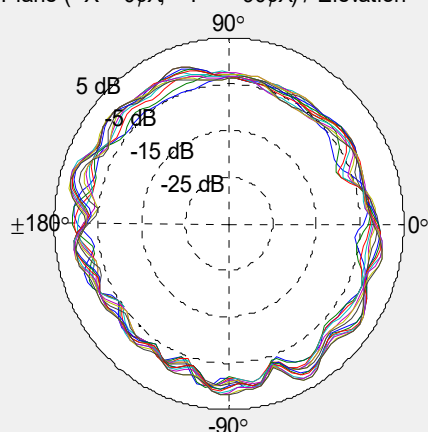
Radiation Pattern

LTE-P1

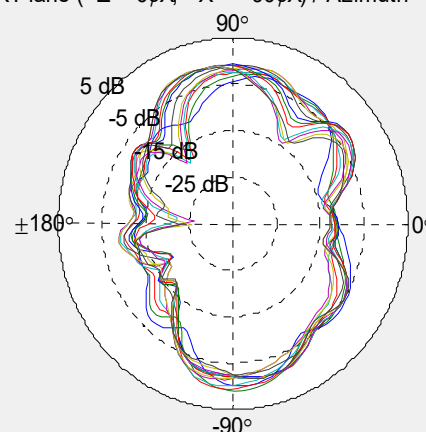
H1 Band = 1700 - 2000 MHz % H1 BAND



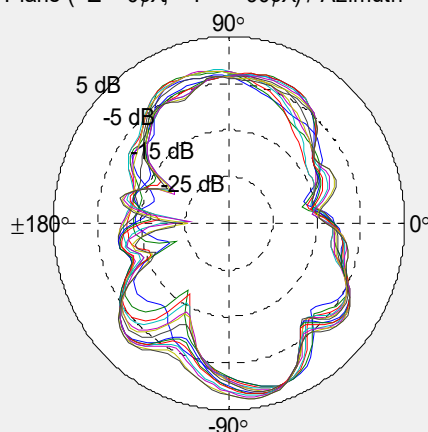
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X



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



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



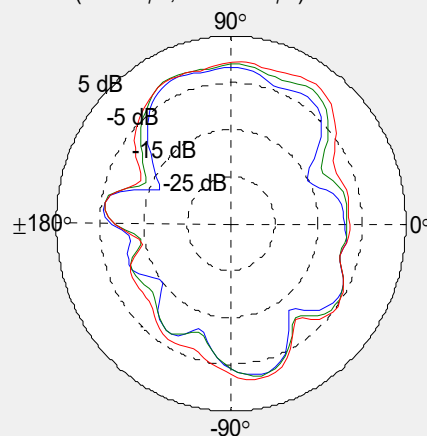
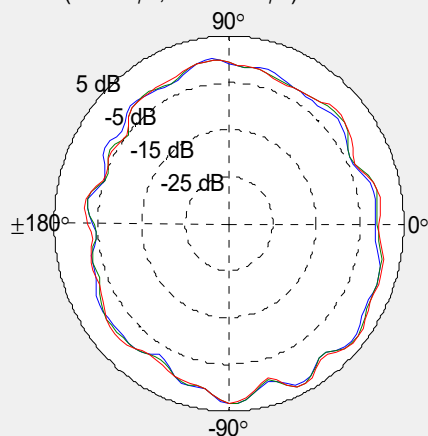
Radiation Pattern

LTE-P1

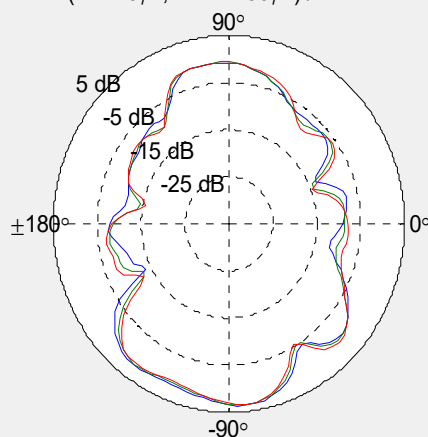
H2 Band = 2000 - 2200 MHz % H2 BAND

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

— 2110 MHz
— 2140 MHz
— 2170 MHz



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

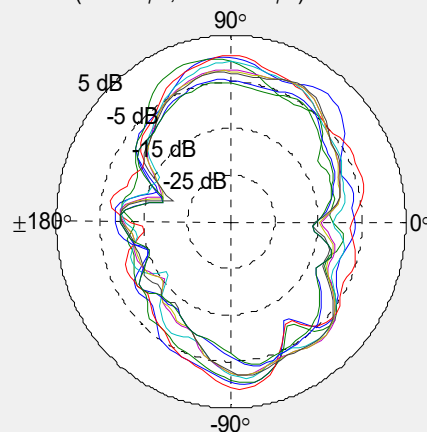
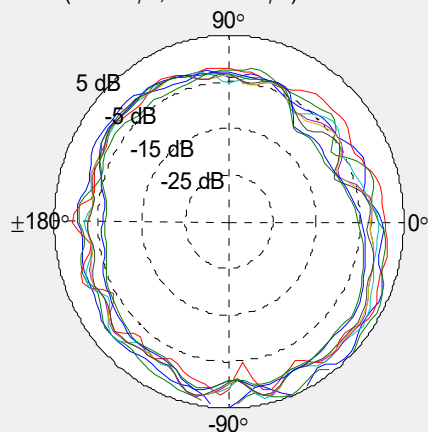
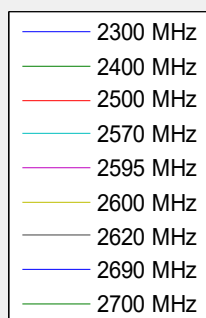


Radiation Pattern

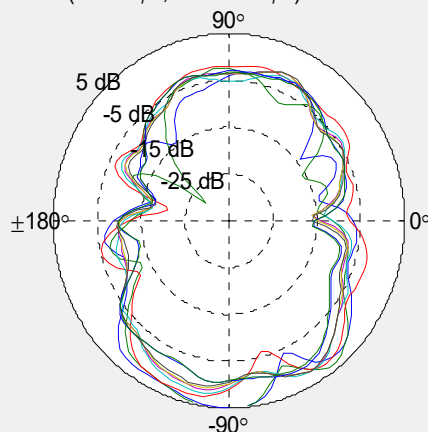
LTE-P1

H3 Band = 2300 - 2750 MHz

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



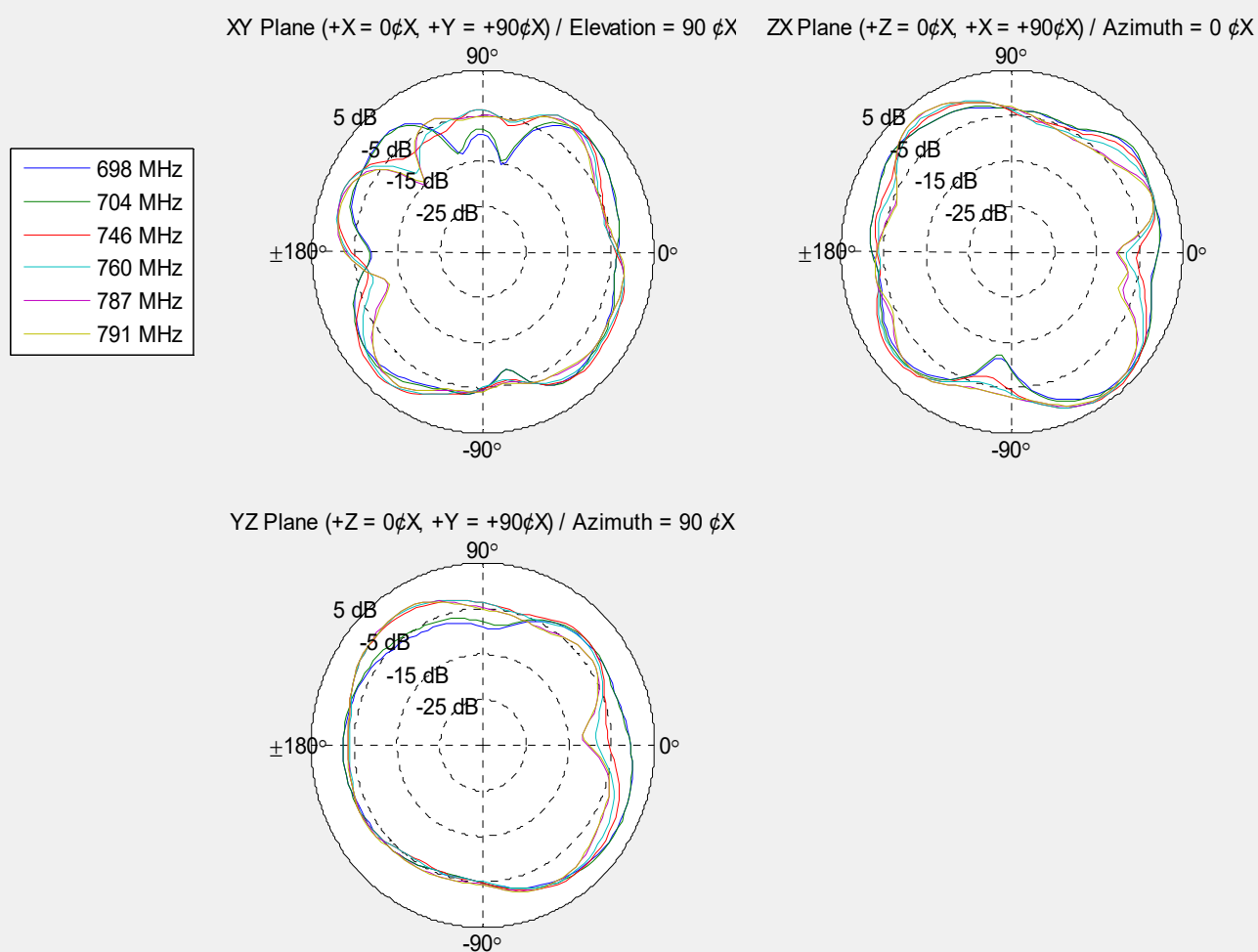
YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X



Radiation Pattern

LTE-P2

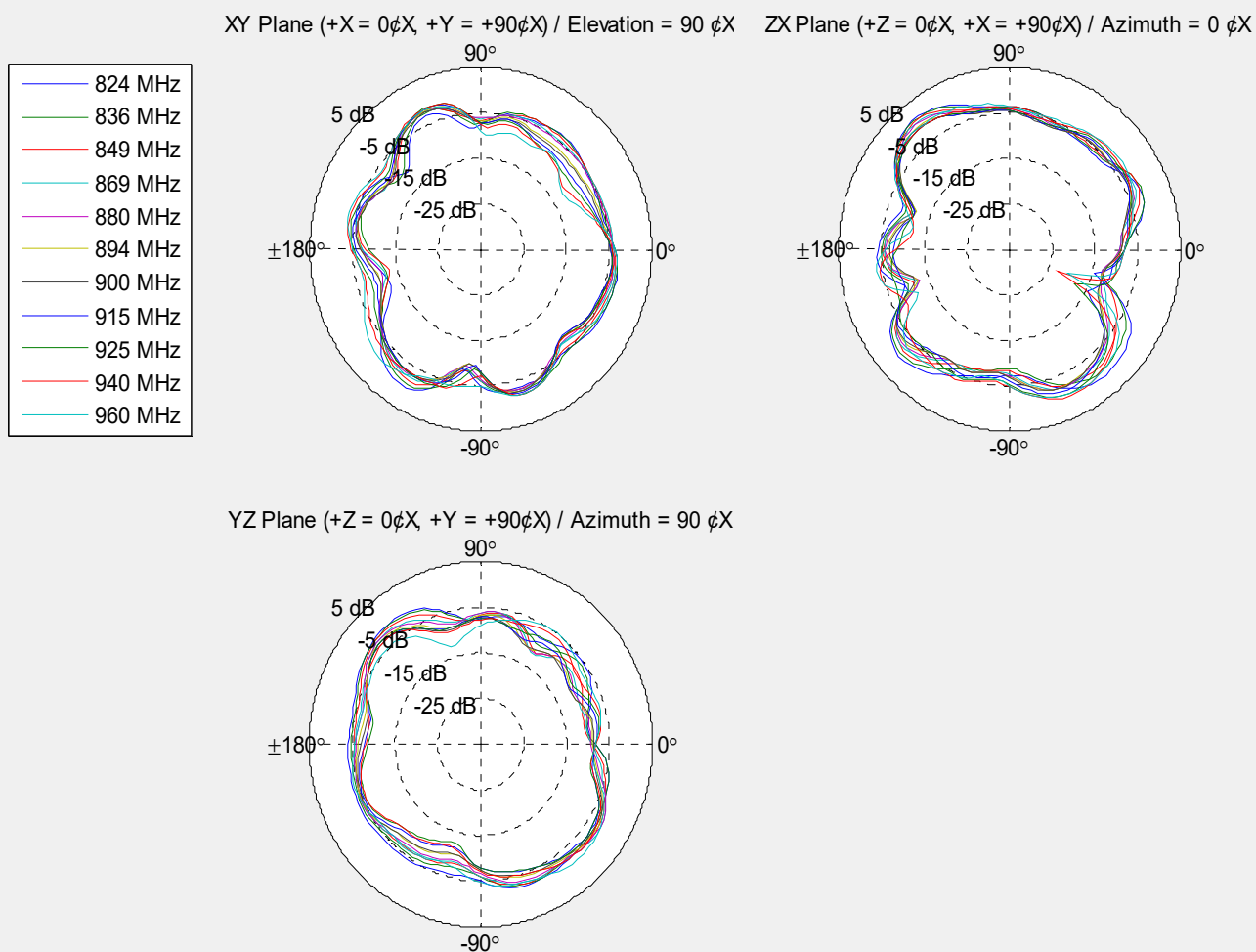
L1 Band = 650 - 798 MHz % L1 BAND



Radiation Pattern

LTE-P2

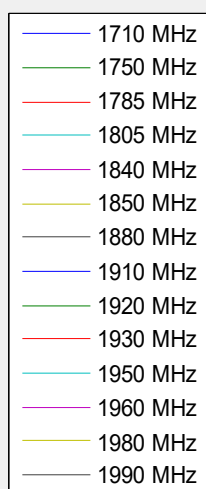
L2 Band = 792 - 960 MHz % L2 BAND



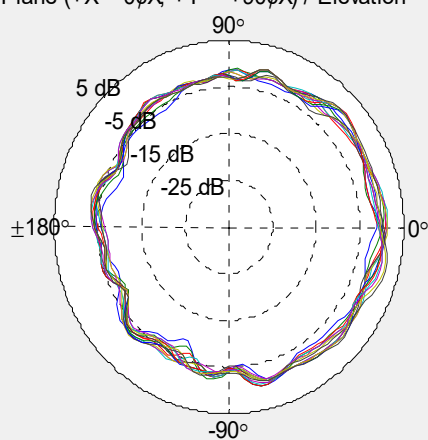
Radiation Pattern

LTE-P2

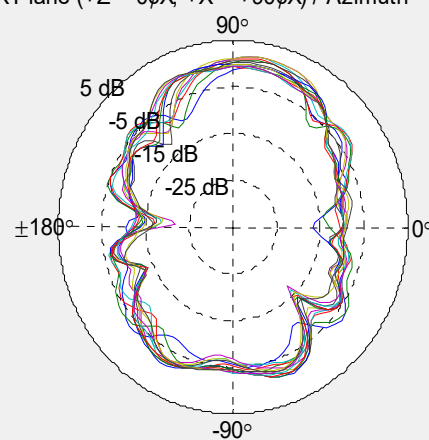
H1 Band = 1700 - 2000 MHz % H1 BAND



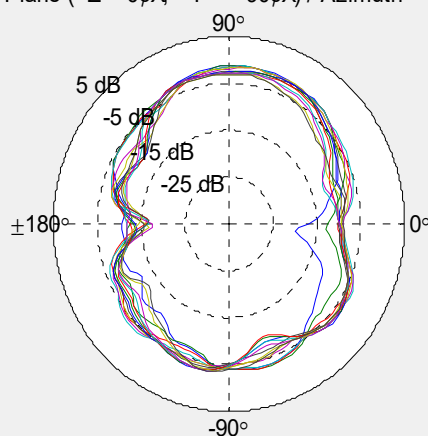
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X



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



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

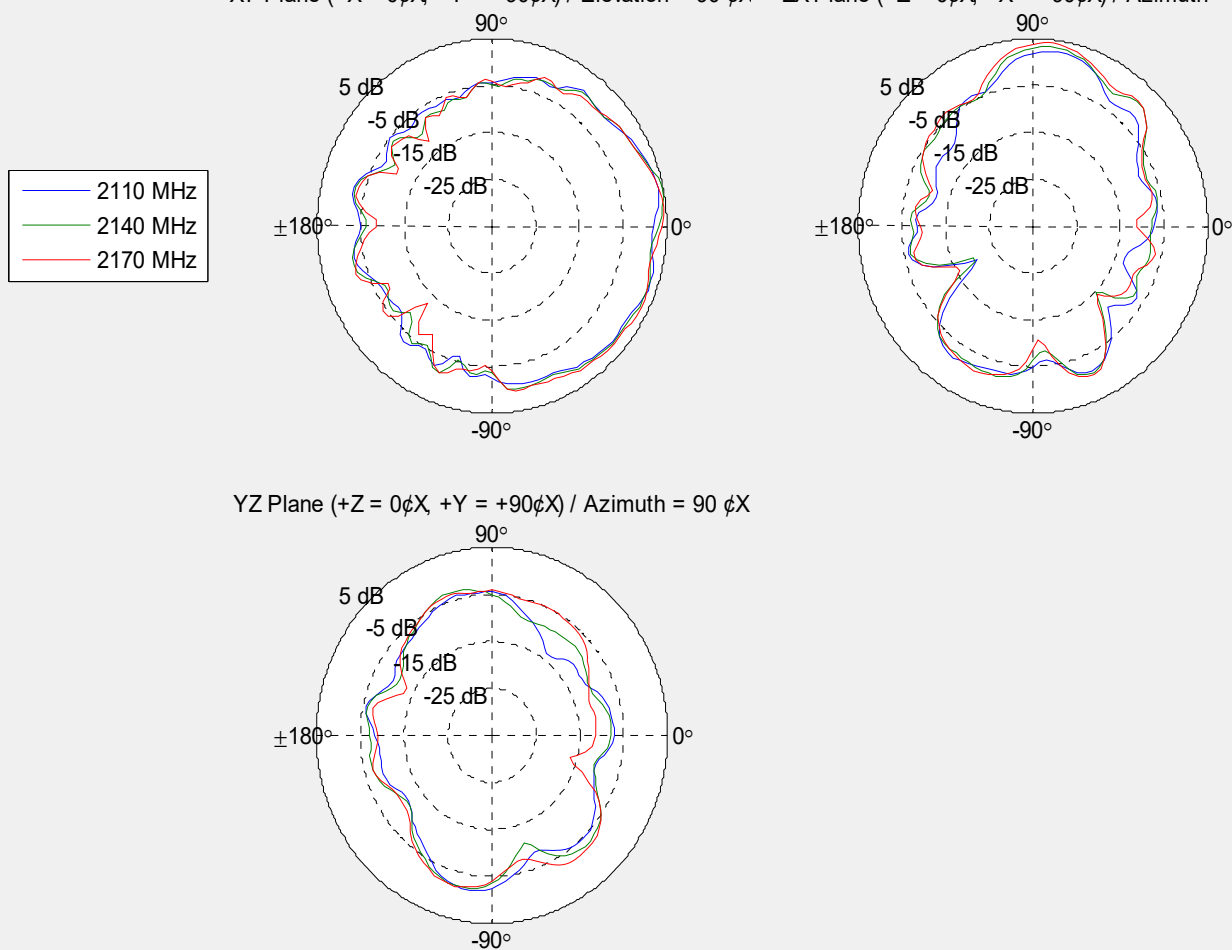


Radiation Pattern

LTE-P2

H2 Band = 2000 - 2200 MHz % H2 BAND

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

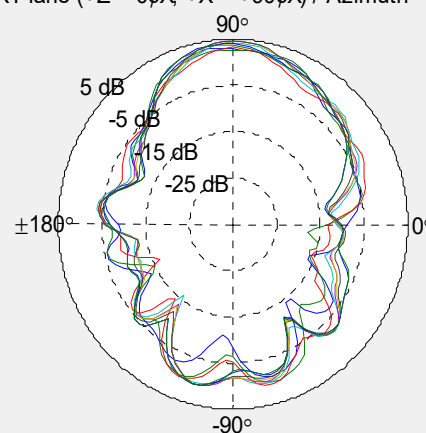
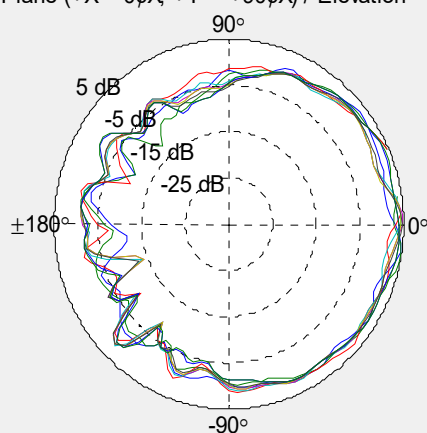
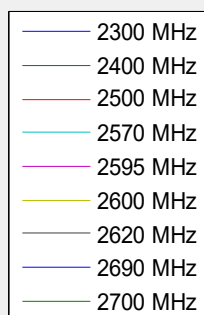


Radiation Pattern

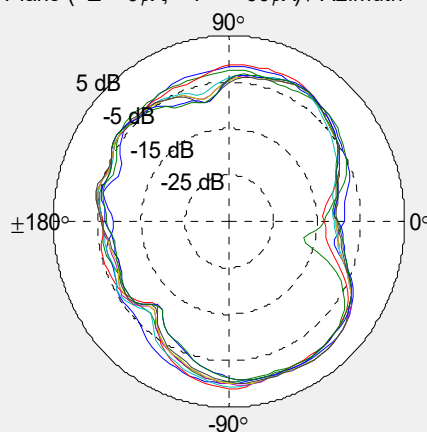
LTE-P2

H3 Band = 2300 - 2750 MHz

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



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



Radiation Pattern

2.4G

2G Band = 2400 - 2500 MHz % 2G BAND

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

