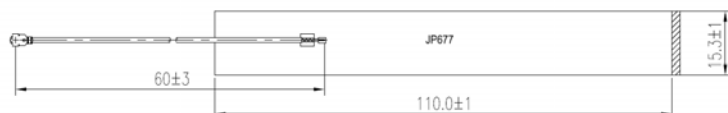


RFA-LTE-JP677-70B-60

Electrical Specifications

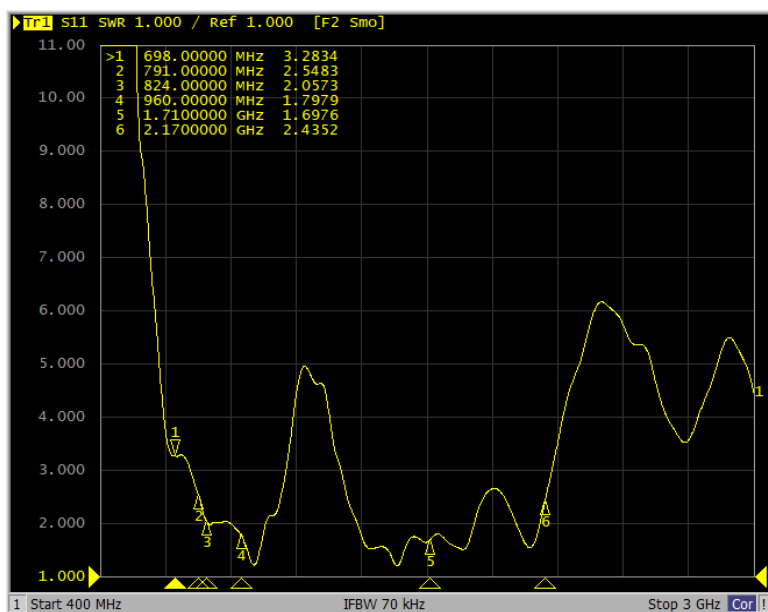
Frequency range	699 – 894 MHz	1710 - 2155 MHz
Peak gain	-0.48 dBi	2.4 dBi
Average gain	-2.55 dBi	-2.5 dBi
VSWR	4.0 : 1 Max.	3.5 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Connector	IPEX	
Cable	$\varnothing$ 1.13	



Environmental & Mechanical Characteristics

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

VSWR

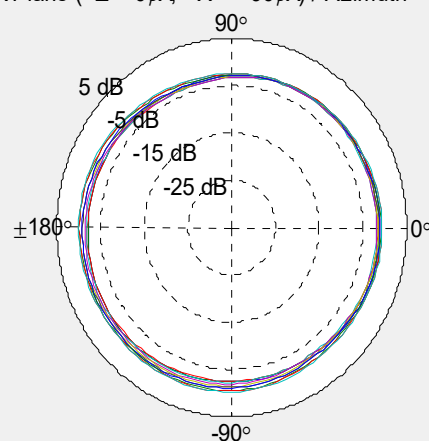
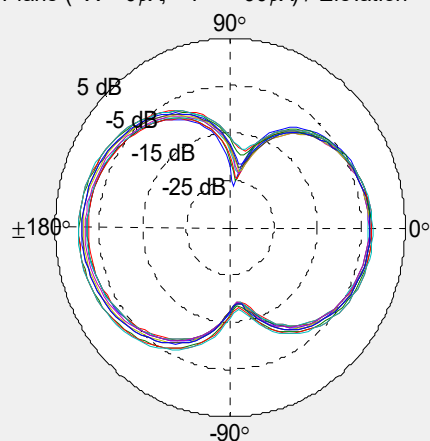
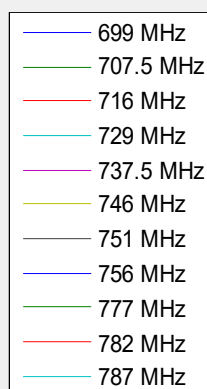


Radiation Pattern

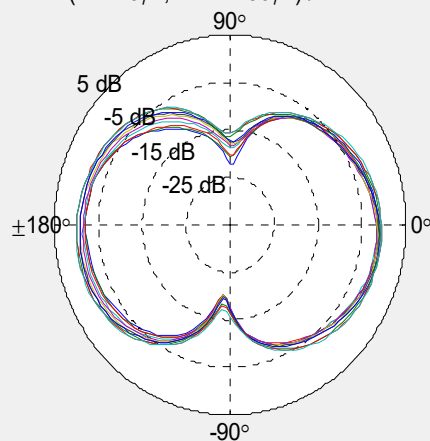
L1 Band = 650 - 798 MHz % L1 BAND

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

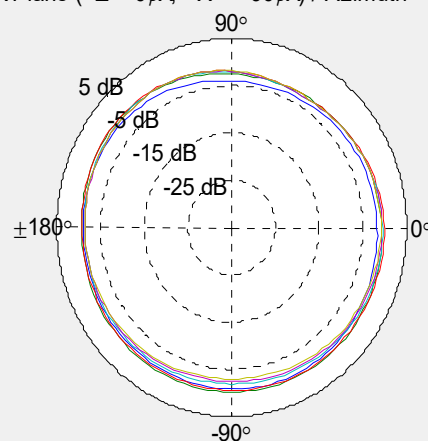
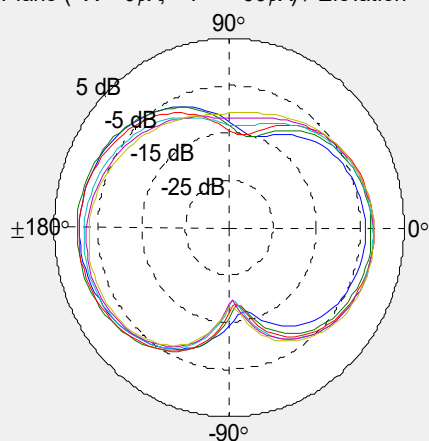
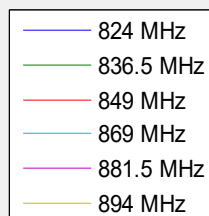


Radiation Pattern

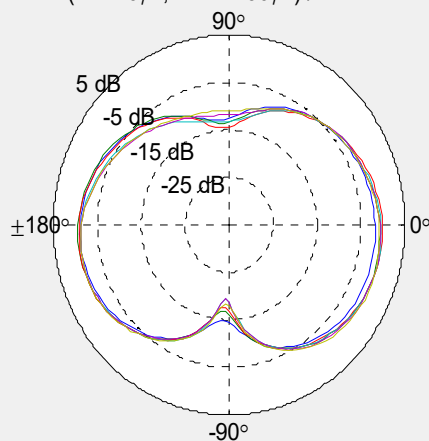
L2 Band = 792 - 960 MHz % L2 BAND

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

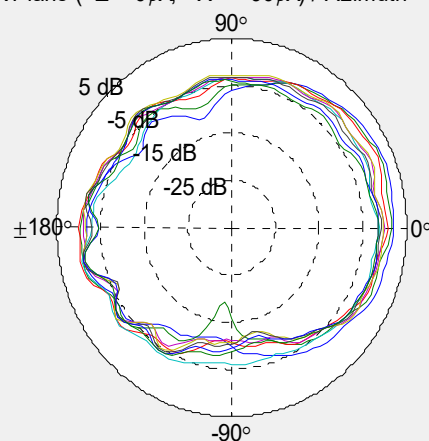
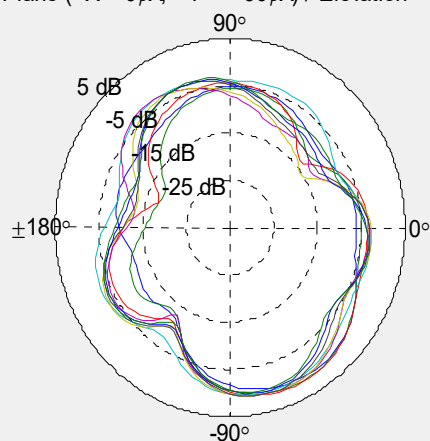
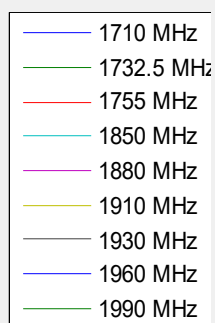


Radiation Pattern

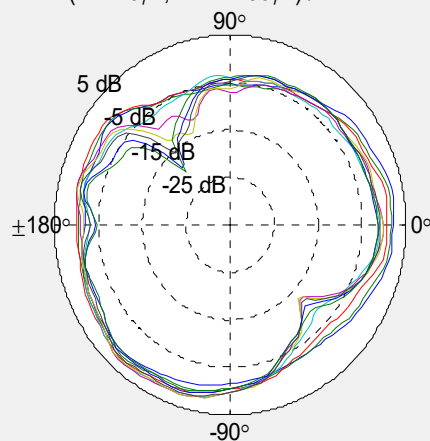
H1 Band = 1700 - 2000 MHz % H1 BAND

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

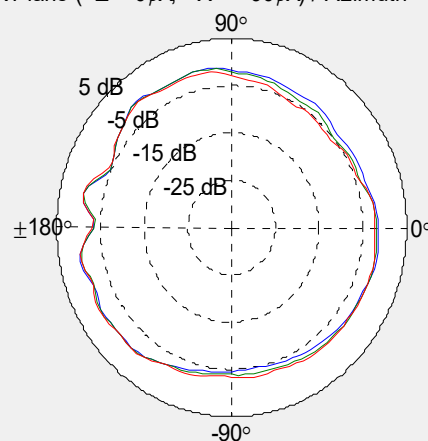
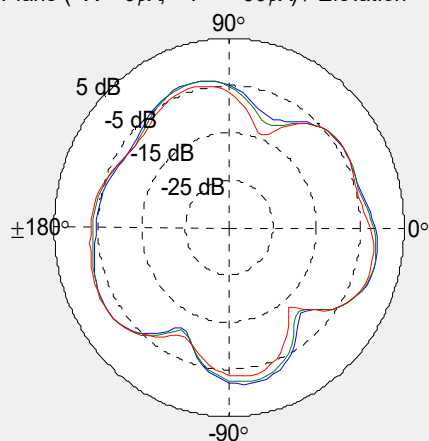
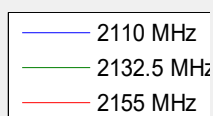


Radiation Pattern

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



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

