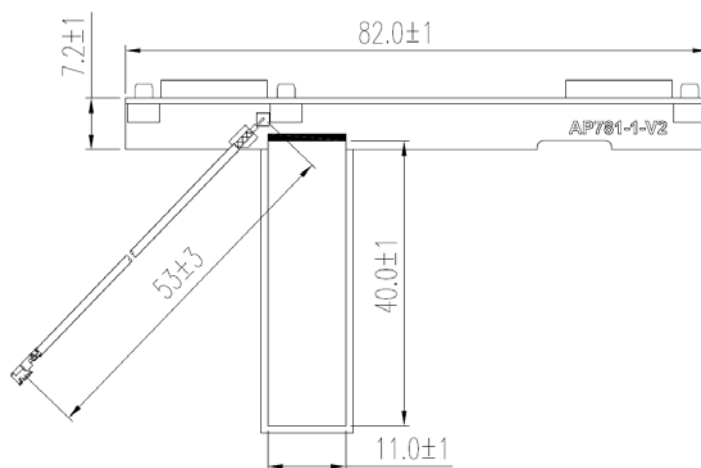


Antenna Type : PIFA

RFA-LTE-AP781-70-53

Electrical Specifications

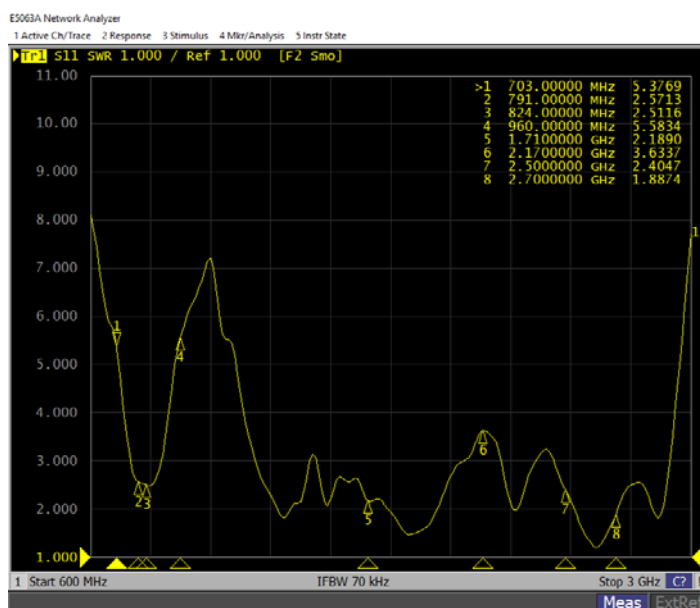
Frequency range	698 - 960 MHz	1710-2690 MHz
Peak Gain	-0.74 dBi	1.8 dBi
Average Gain	-4.76 dBi	-4.37 dBi
Efficiency	33.74 %	37.33 %
VSWR	7.0 : 1 Max.	4.0 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Connector	IPEX	
Cable	$\varnothing 1.13$	



Environmental & Mechanical Characteristics

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

VSWR

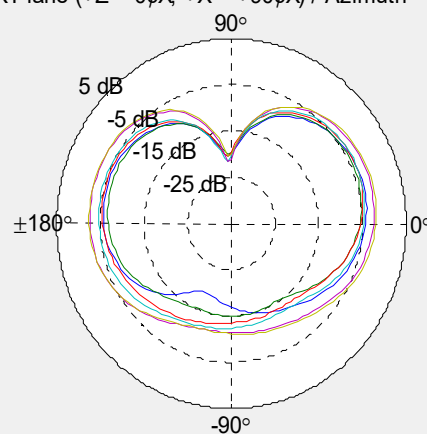
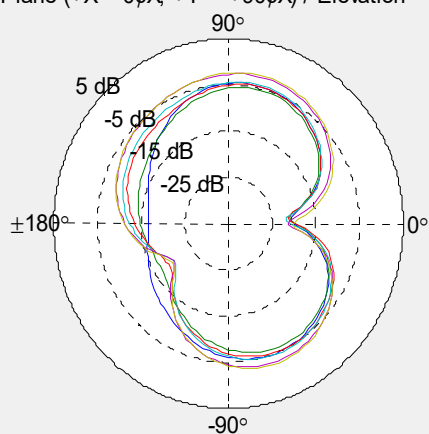
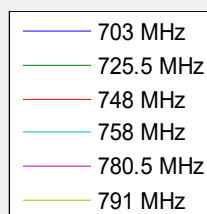


Radiation Pattern

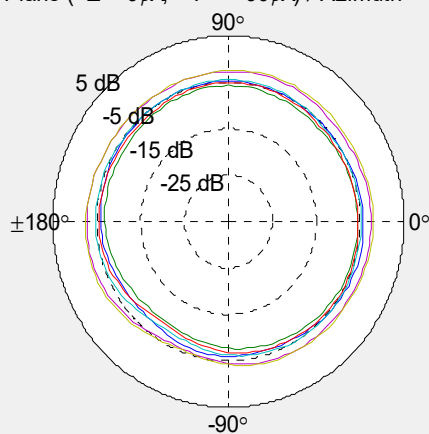
L1 Band = 650 - 798 MHz % L1 BAND

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

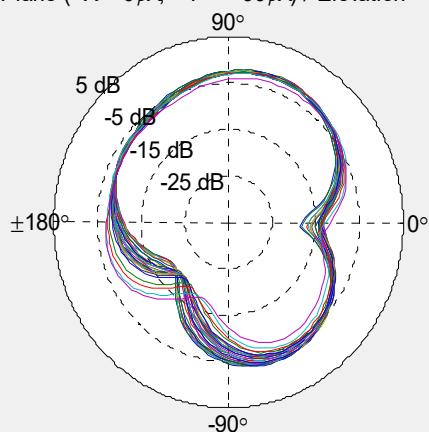


Radiation Pattern

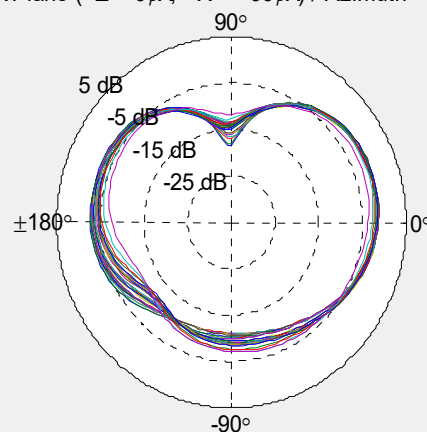
L2 Band = 792 - 960 MHz % L2 BAND

836.5 MHz
837 MHz
837.5 MHz
845 MHz
847 MHz
849 MHz
857 MHz
859 MHz
860 MHz
867.5 MHz
874 MHz
875 MHz
876.5 MHz
880 MHz
881.5 MHz

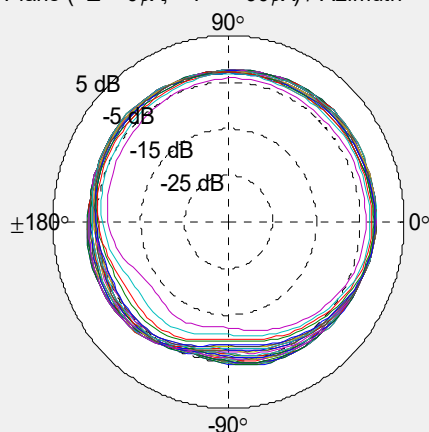
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X



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



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

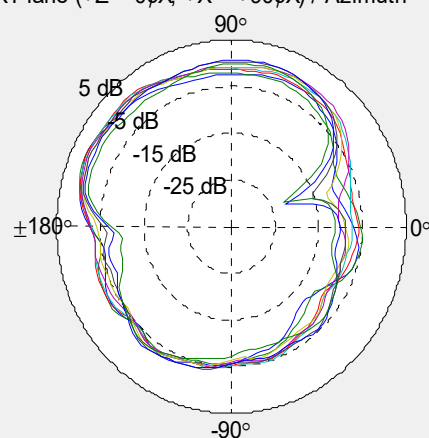
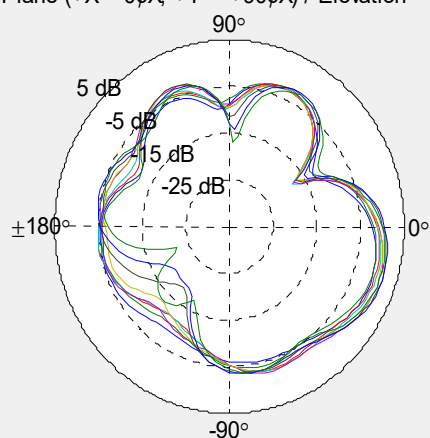
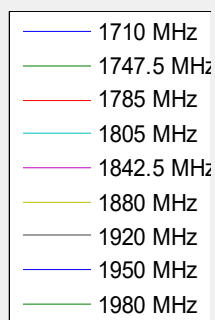


Radiation Pattern

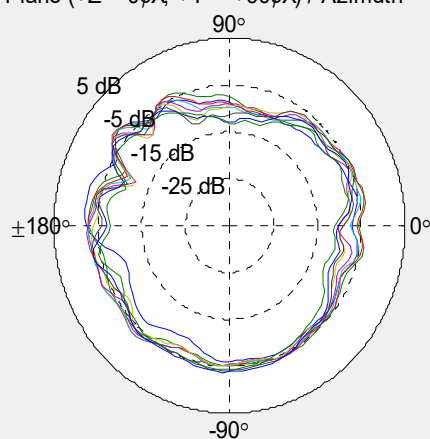
H1 Band = 1700 - 2000 MHz % H1 BAND

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

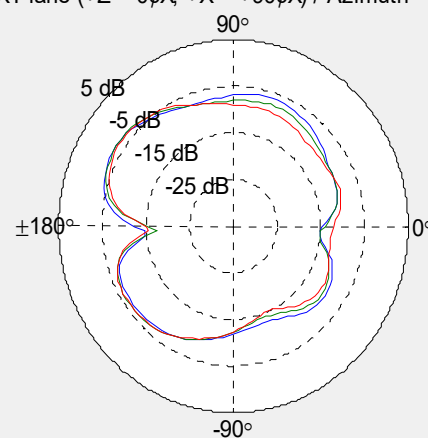
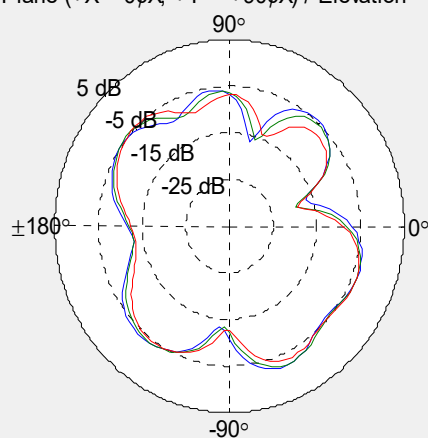
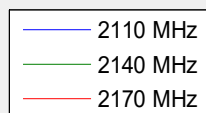


Radiation Pattern

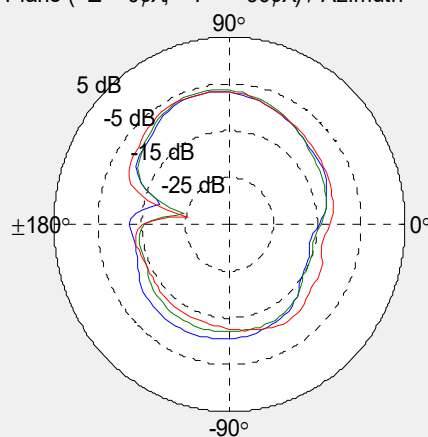
H2 Band = 2000 - 2200 MHz % H2 BAND

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

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

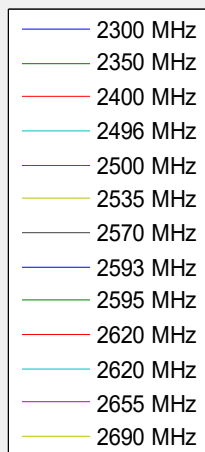


YZ Plane (+Z = 0°X, +Y = +90°X) / Azimuth = 90°X

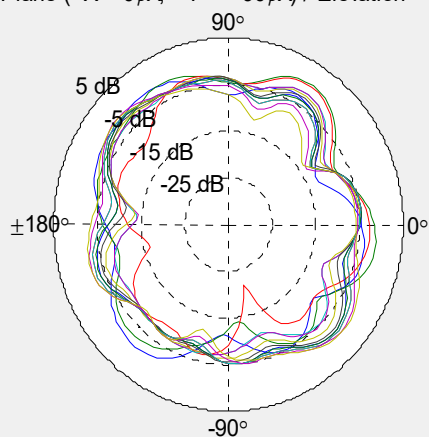


Radiation Pattern

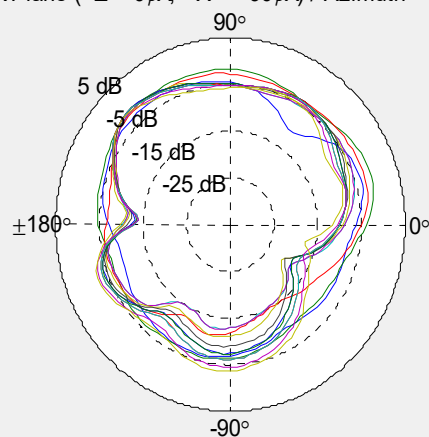
H3 Band = 2300 - 2750 MHz



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

