



dynaflex[®]
MOBILE ANTENNAS

616SE

2.4-5 GHz DIPOLE ANTENNA

MAIN FEATURES:

- Wide band
- Adhesive mount
- No ground plane required
- RoHS Compliant
- Good Efficiency
- Indoor use



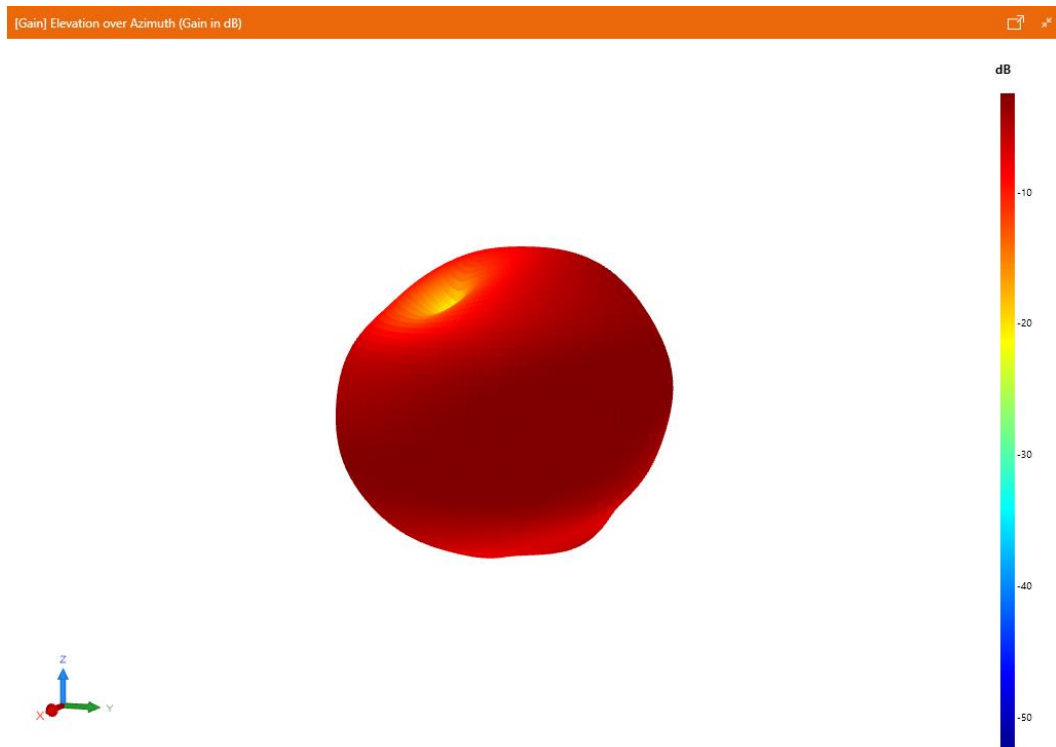
Bands

2400-2480 MHz; 5000-5800 MHz

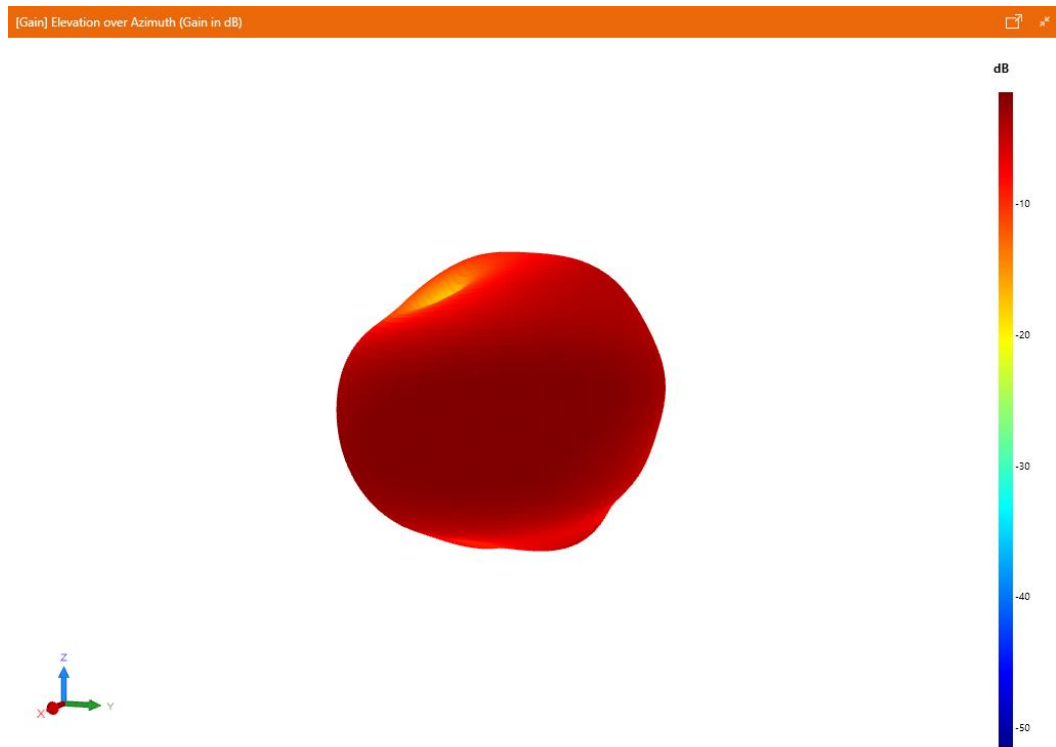
Parameter

Dimension	41x9x1.4 mm
Operating Temperature	-20/70 °C
Cable type	RG178/MICROCOAX
Cable length	CUSTOM
Connector	CUSTOM
Nominal impedance	50 Ohm

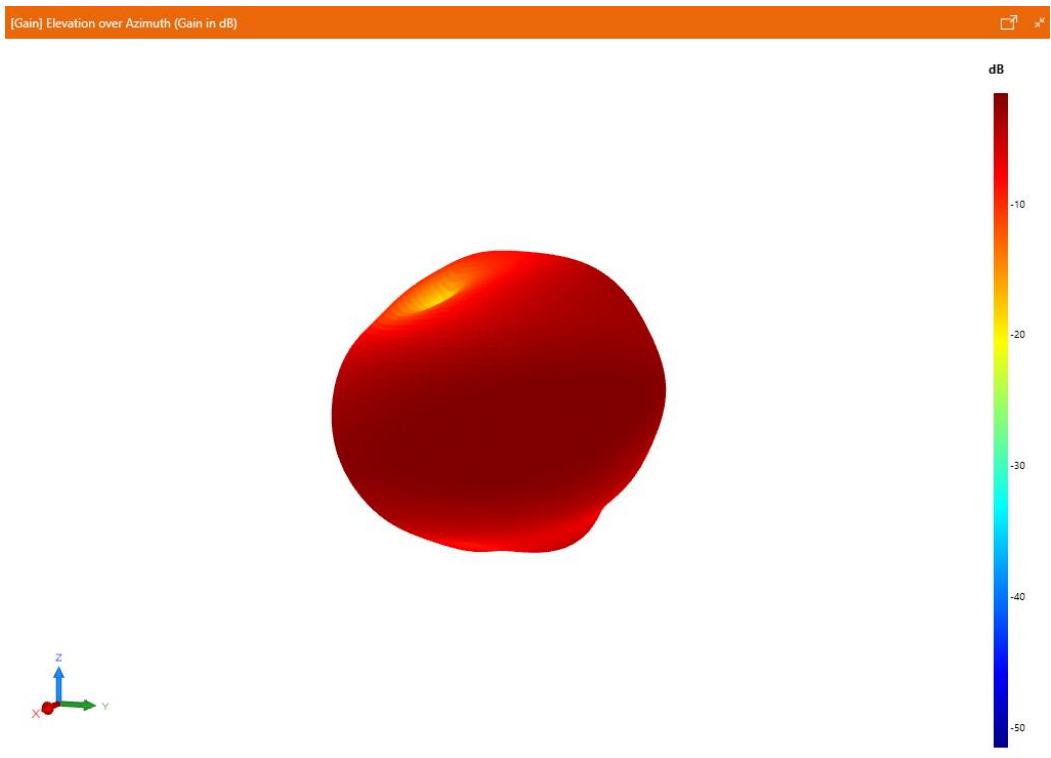
3D PATTERNS



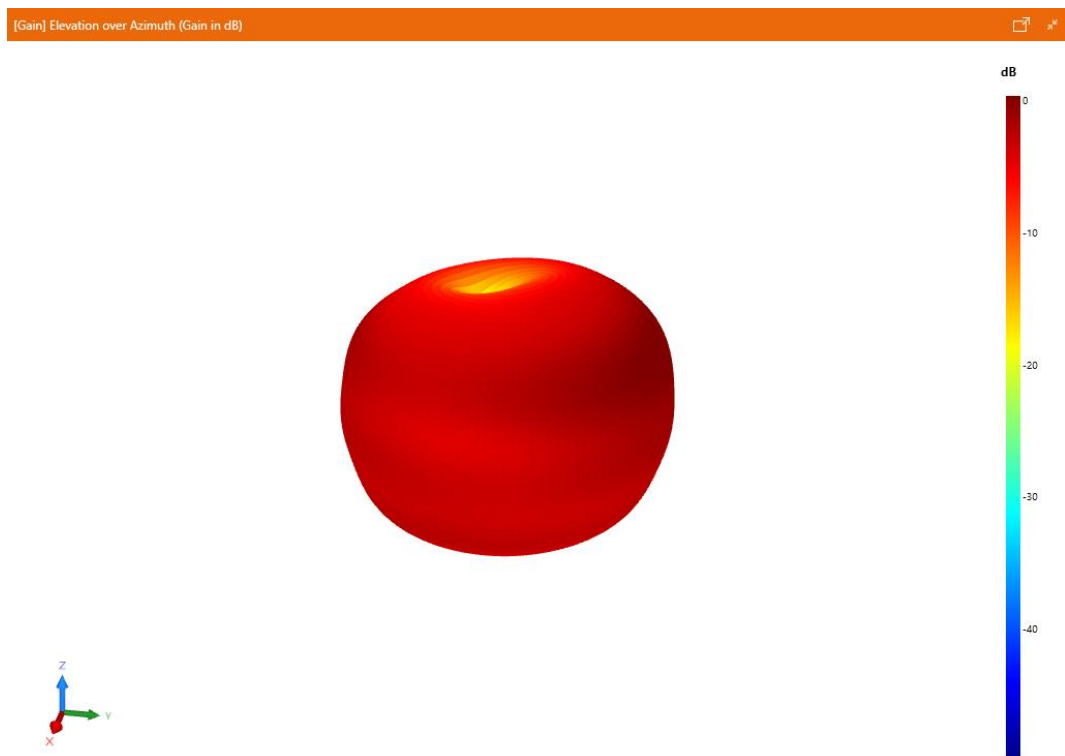
2400 MHz



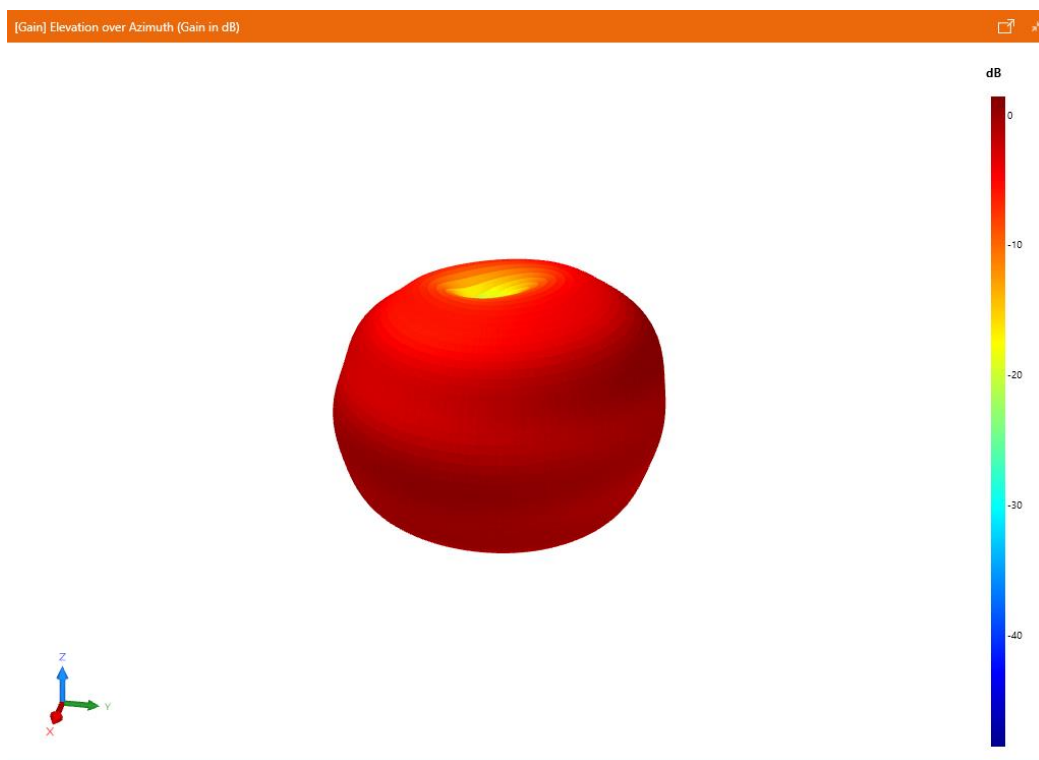
2440 MHz



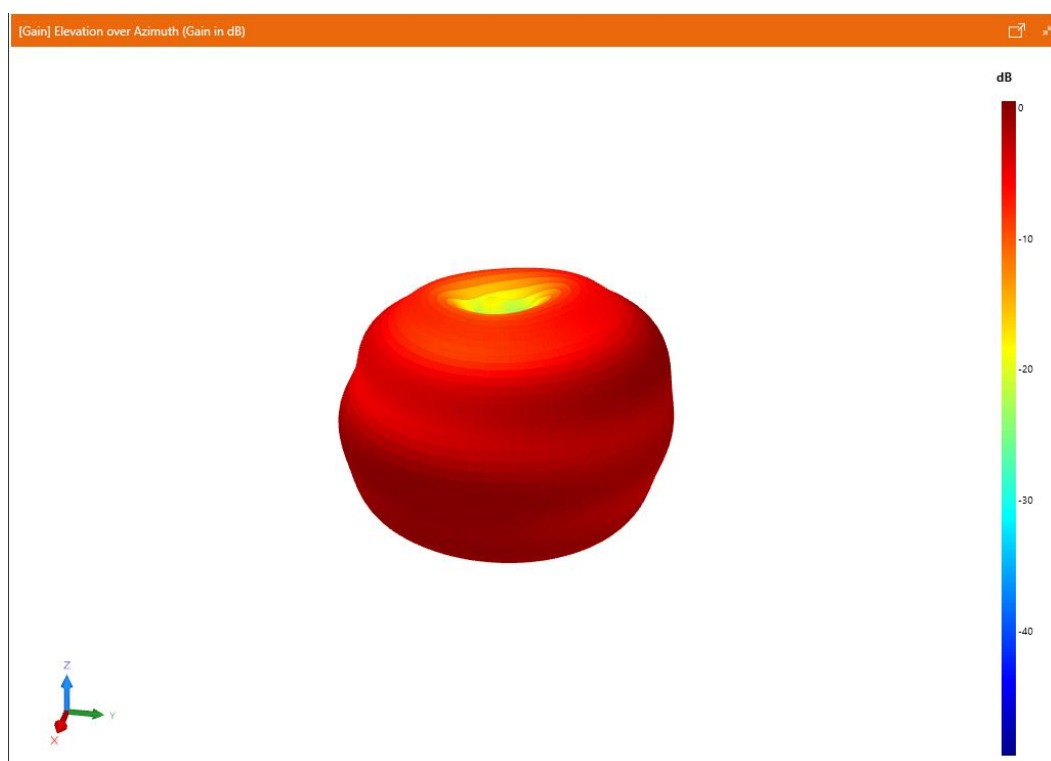
2480 MHz



5000 MHz

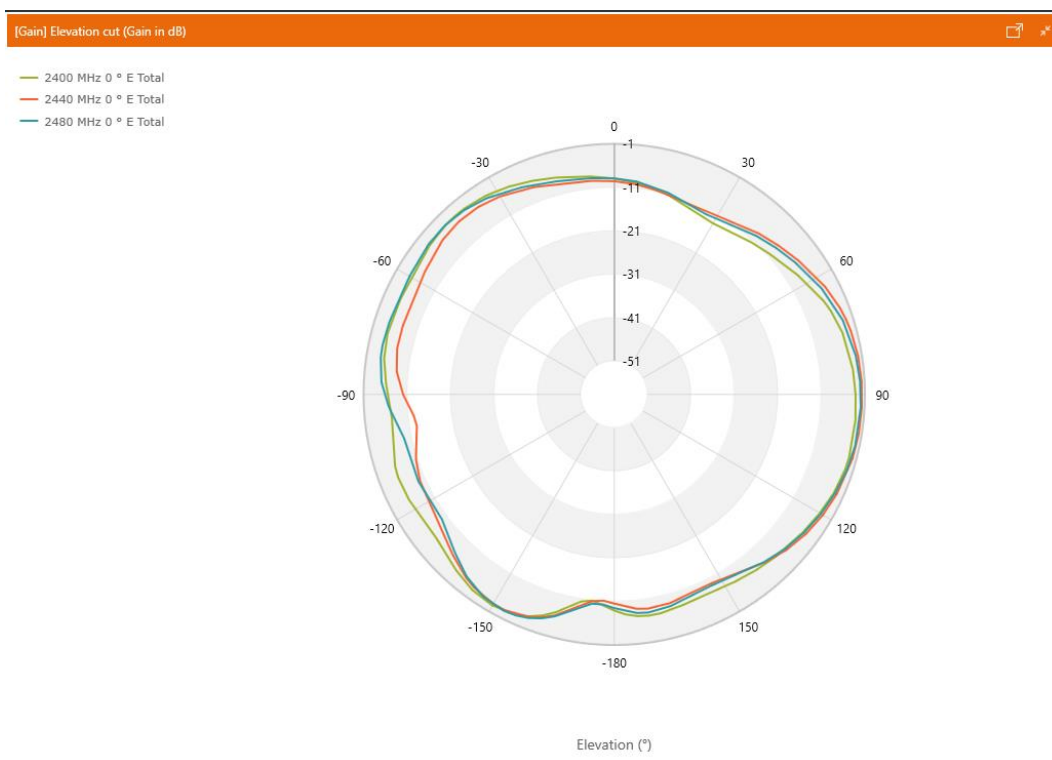


5300 MHz



5600 MHz

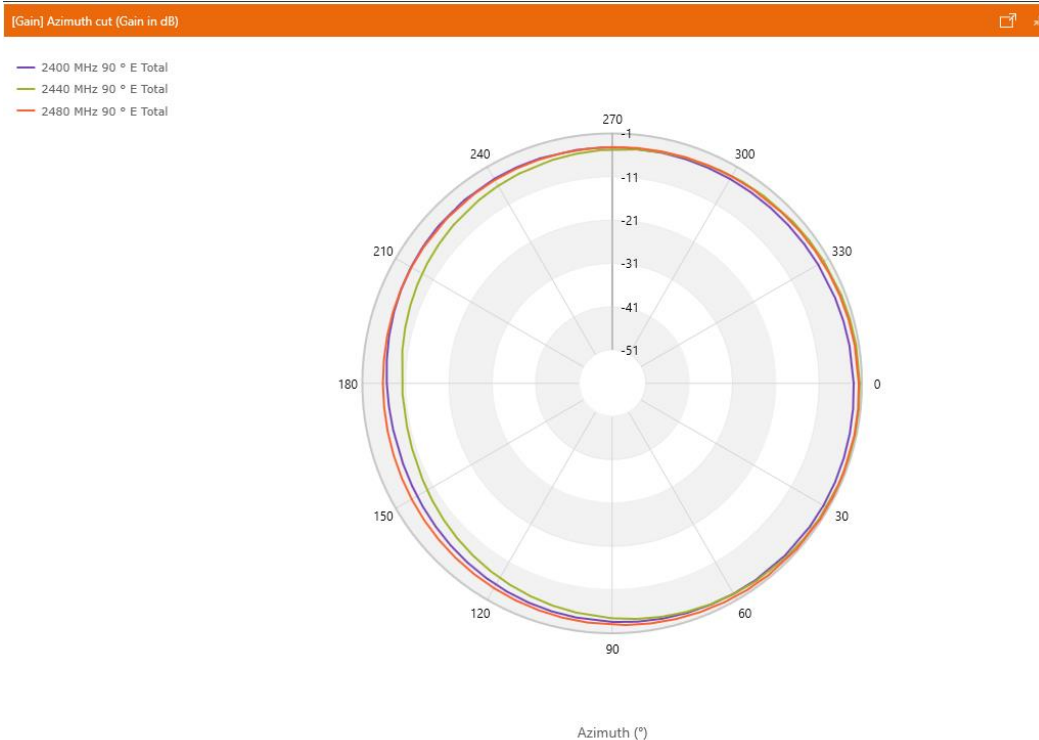
POLAR PATTERNS



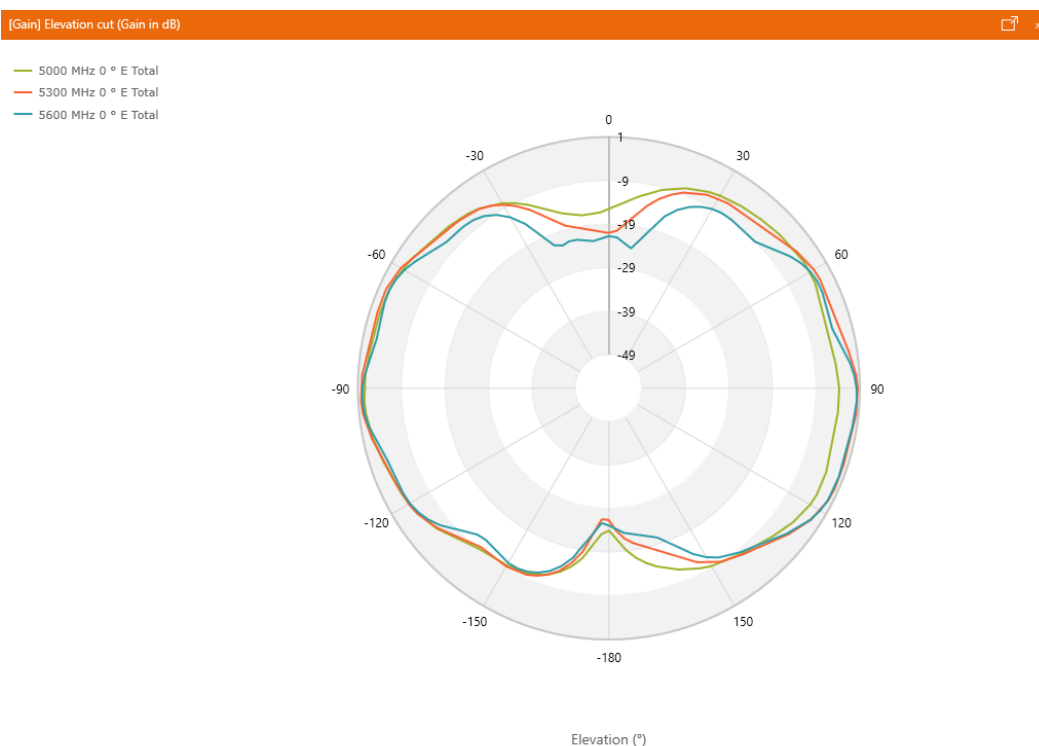
2400-2480 MHz ELEVATION 0°



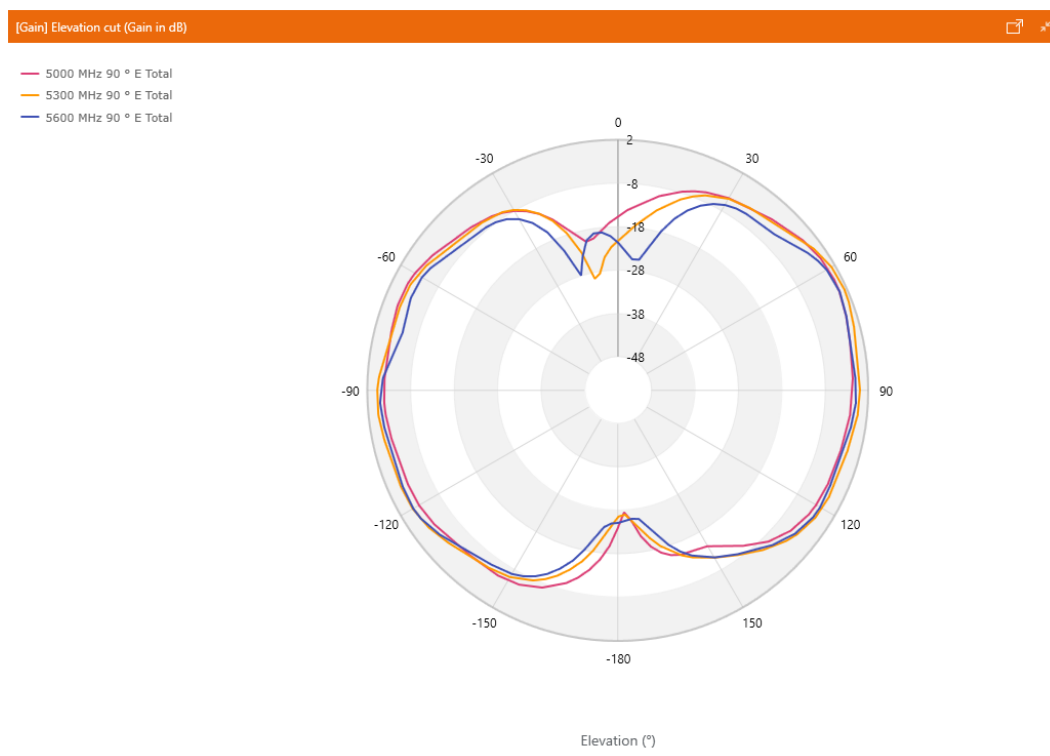
2400-2480 MHz ELEVATION 90°



2400-2480 MHz AZIMUTH 90°



5000-5600 MHz ELEVATION 0 °

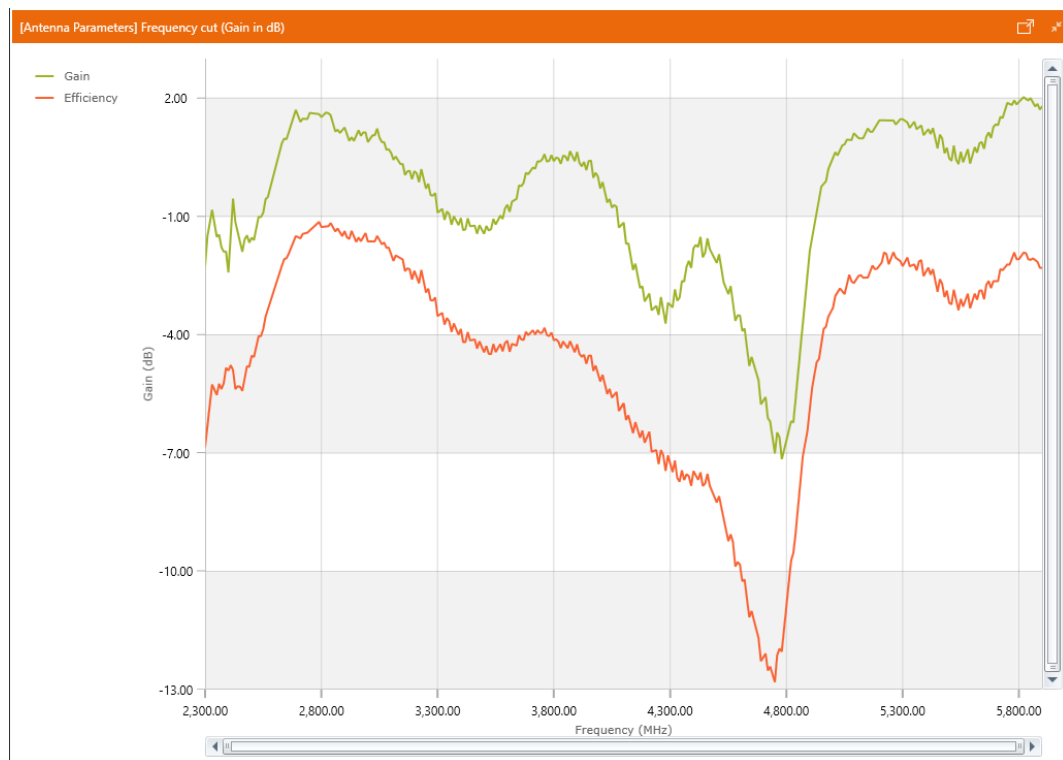


5000-5600 MHz ELEVATION 90°



5000-5600 MHz AZIMUTH 90°

EFFICIENCY AND GAIN (dB)



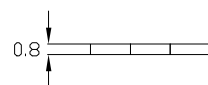
- Patterns are obtained with a sample with 300mm long coaxial line

COAXIAL LINE CHARACTERISTICS

	Dielectric strength (Kv/Minute)	Insulation Resistance (MOhm.km)	Impedance (Ohm)	Capacitance (pF/m)	Speed (%)
Rg178	1.0	>3000	50+/-2	95.8+/-5	0.695

ATTENUATION CONSTANT dB/100m

	1000 MHz	1800 MHz	2400 MHz	5200 MHz	6000 MHz
Rg178	18.0	26.0	29.0	45.0	49.0



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