

CAT 5G External Antennas

Cellular Radiation Patterns

Test Lab Location and Equipment

Antenna Chambers



TE Connectivity Operations SDN BHD
Plot No. 522, Lorong Perusahaan Baru 3,
Prai Industrial Estate, 13600 Prai,
Penang, Malaysia

Rhode & Schwarz WPTC-XL

- Frequency Range 0.49 - 8.2 GHz
- Anechoic Chamber for WPTC-XL
 - 5.80 m x 5.20 m x 5.10 m (L x W x H)
- Conical Cut Positioner XL (High precision)
- 0.03° step size accuracy
- ZNB8 4 Port Vector Network Analyzer 9 kHz - 8.5 GHz
- Test Probe Antenna 400 MHz - 18 GHz

Satimo StarGate 24

- SG24 has 23 probes spaced at 15° in elevation, with an internal arch diameter of 2.4 meters.
- Rapid 3D scanning of antennas in passive mode up to 6 GHz.

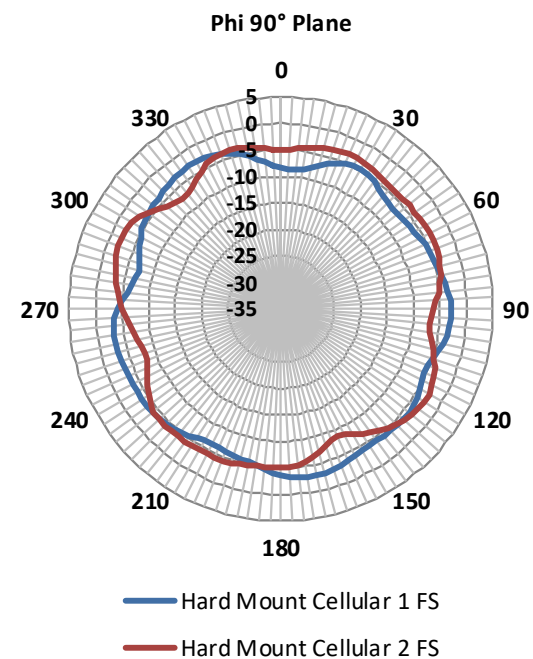
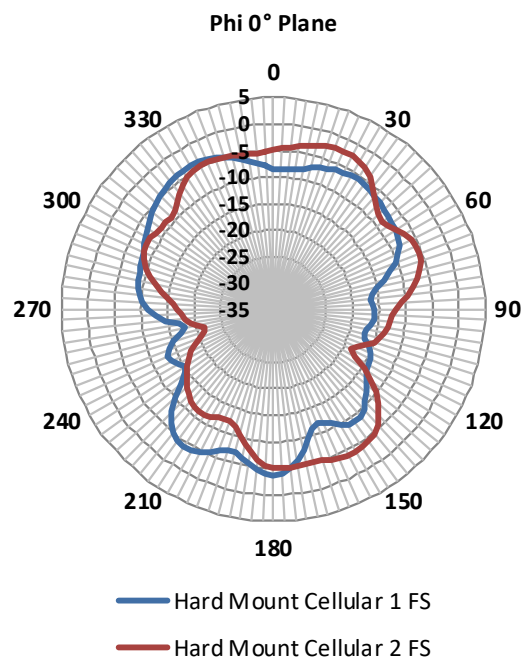
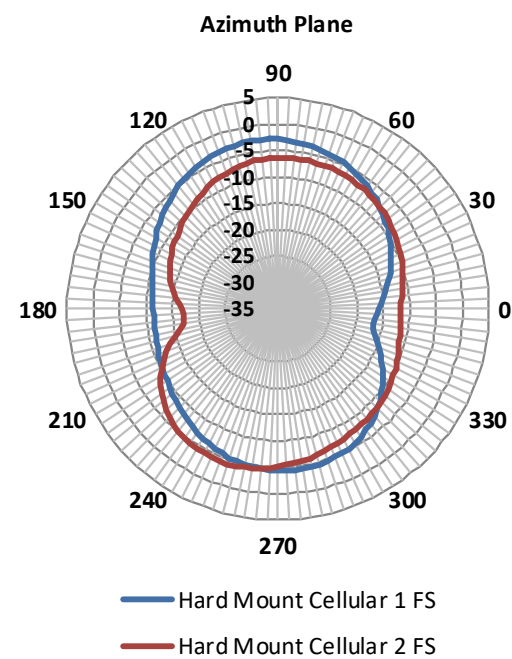
Rhode & Schwarz



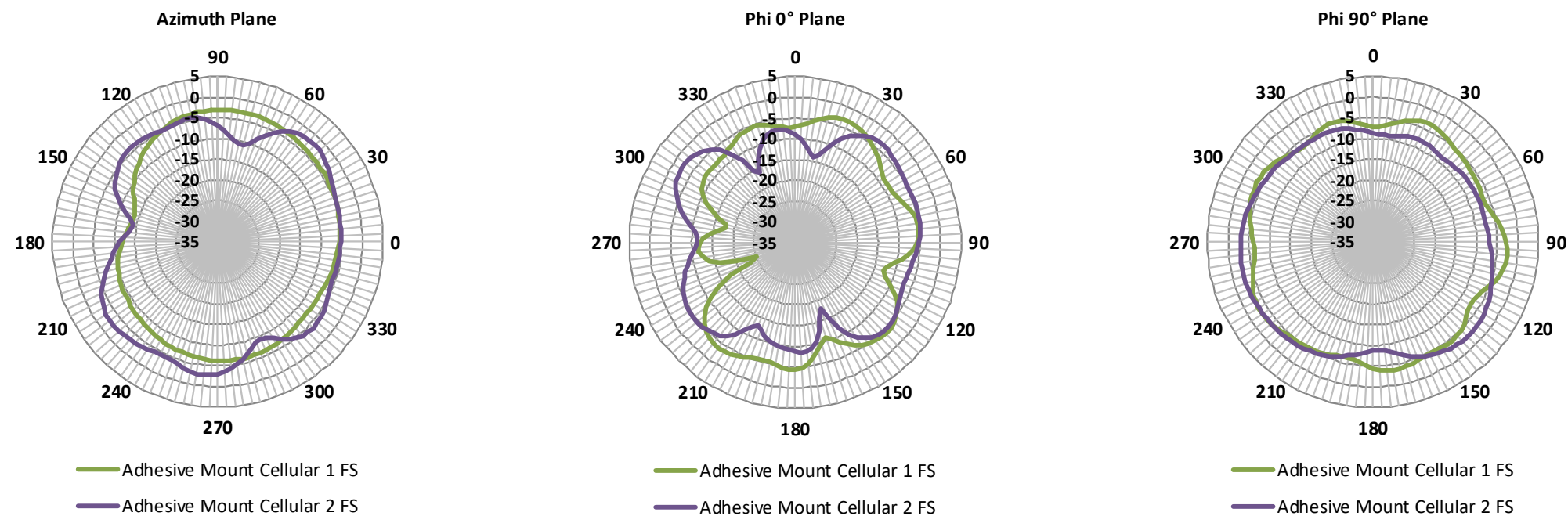
Satimo StarGate 24



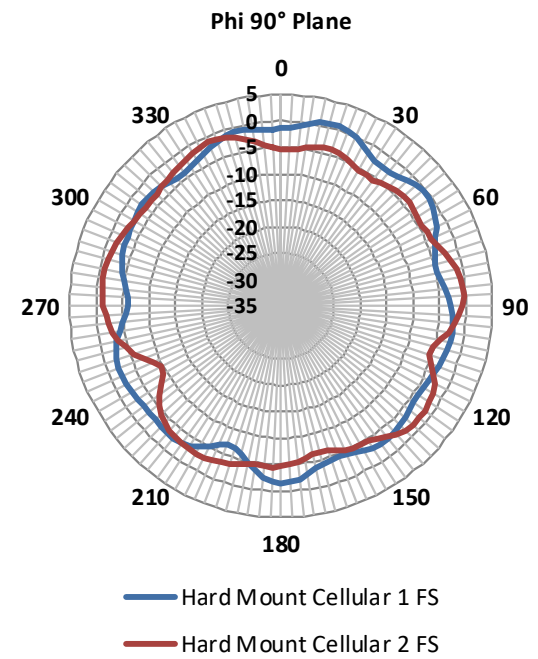
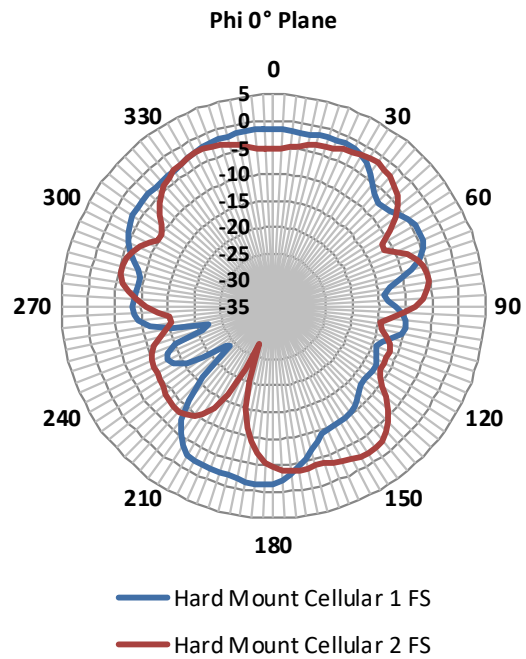
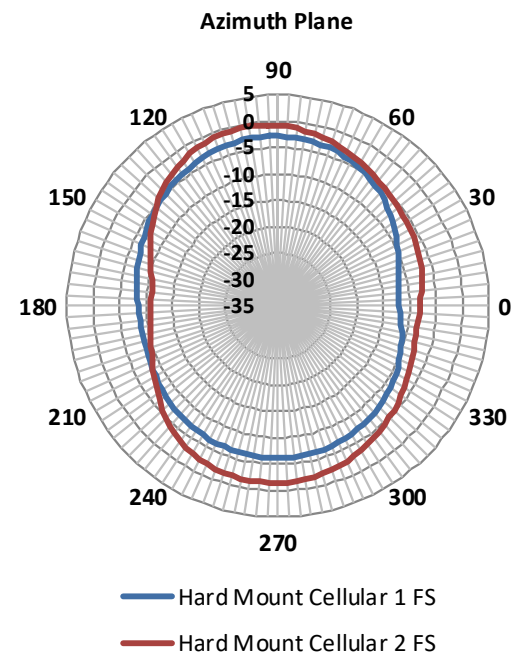
Cellular Radiation Pattern (617 MHz) – Hard Mount



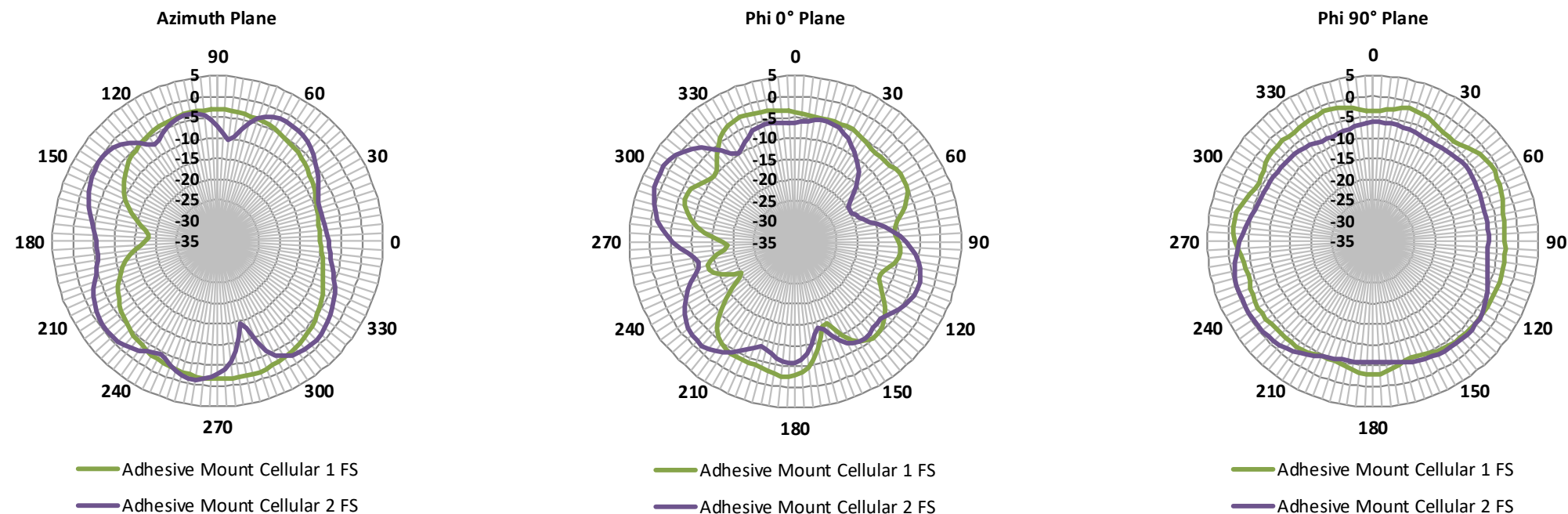
Cellular Radiation Pattern (617 MHz) – Adhesive Mount



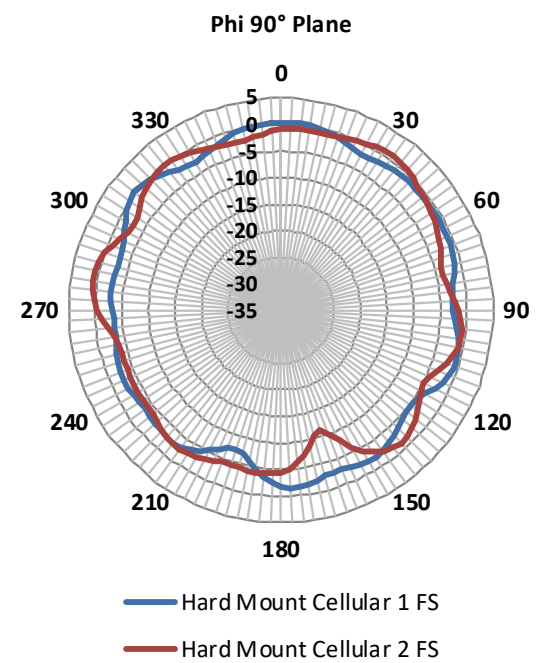
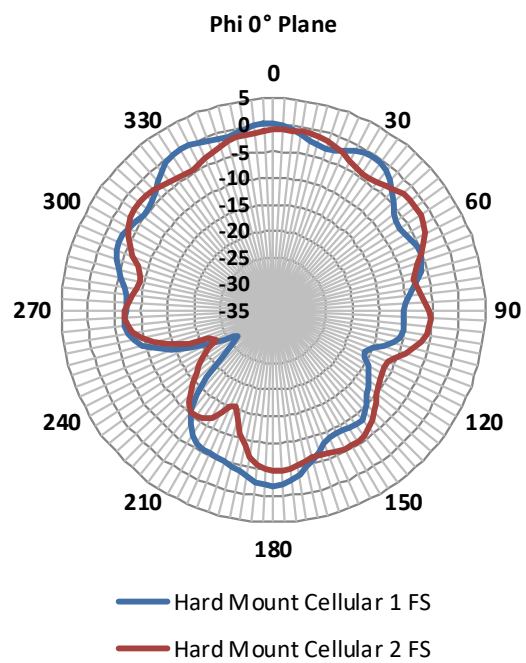
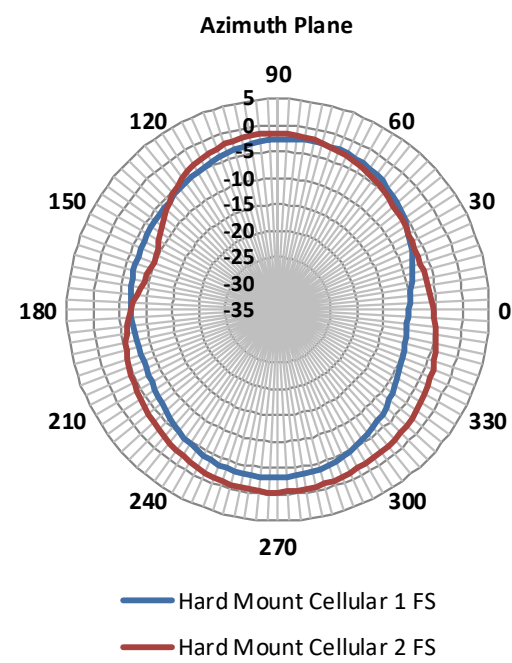
Cellular Radiation Pattern (698 MHz) – Hard Mount



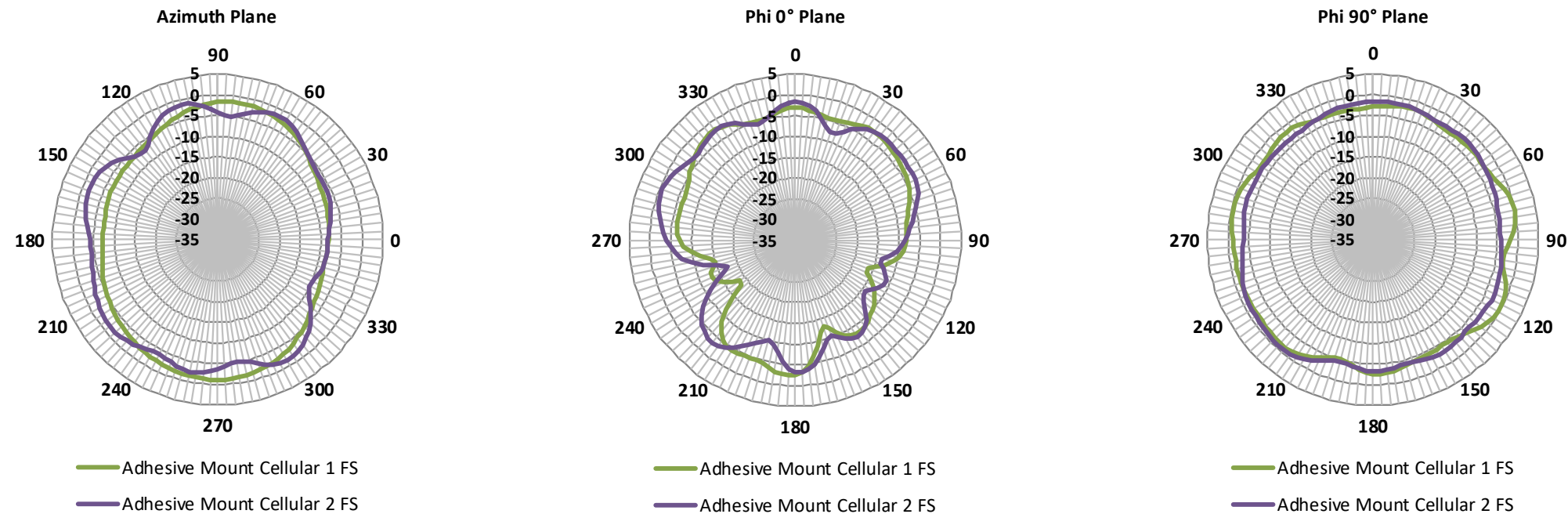
Cellular Radiation Pattern (698 MHz) – Adhesive Mount



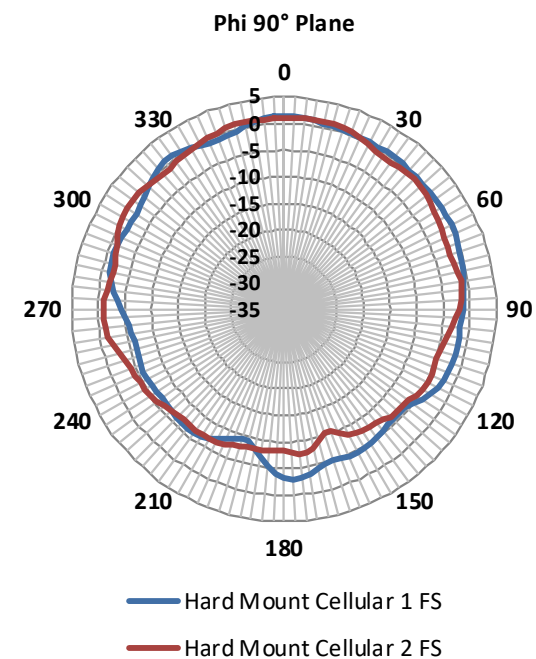
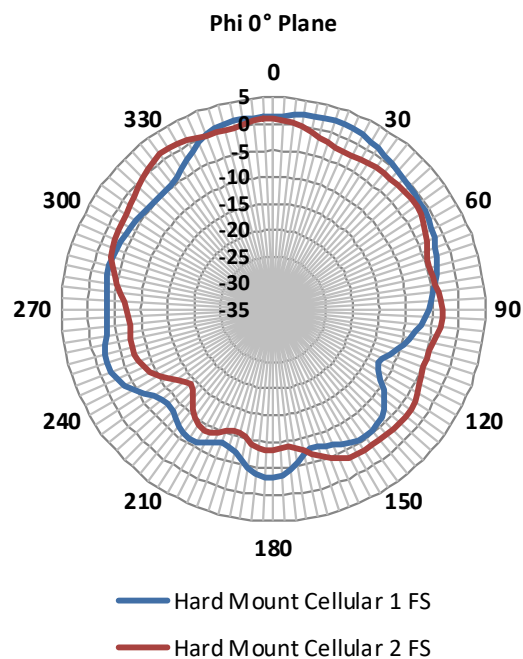
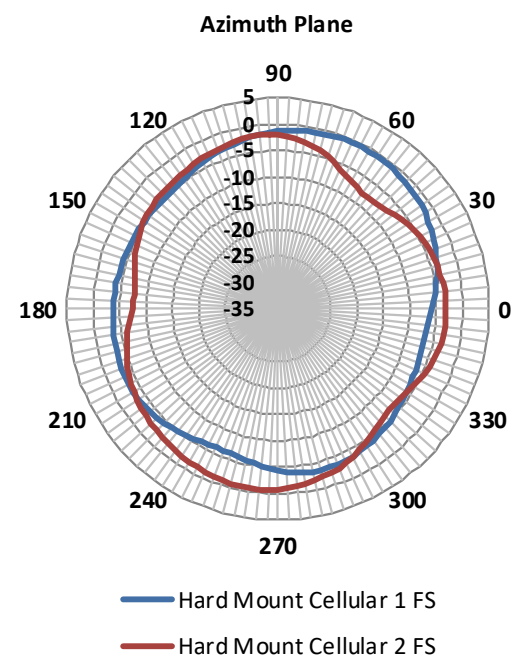
Cellular Radiation Pattern (788 MHz) – Hard Mount



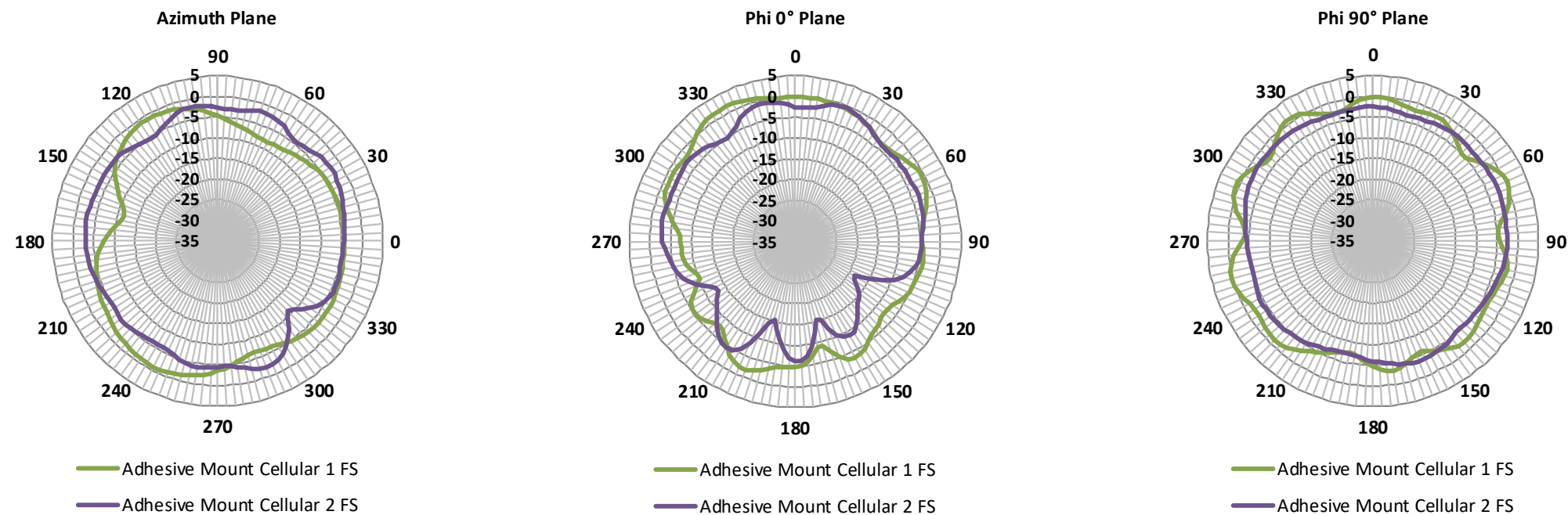
Cellular Radiation Pattern (788 MHz) – Adhesive Mount



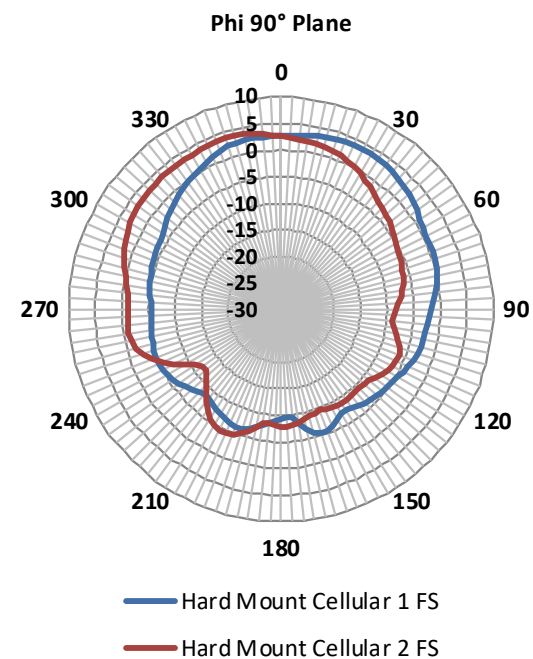
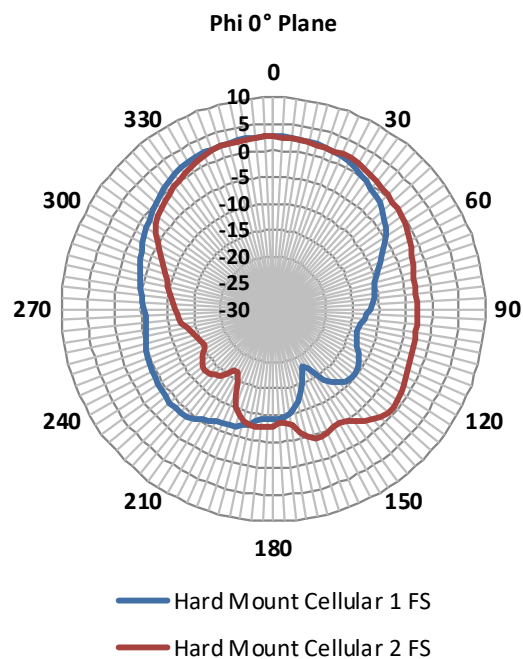
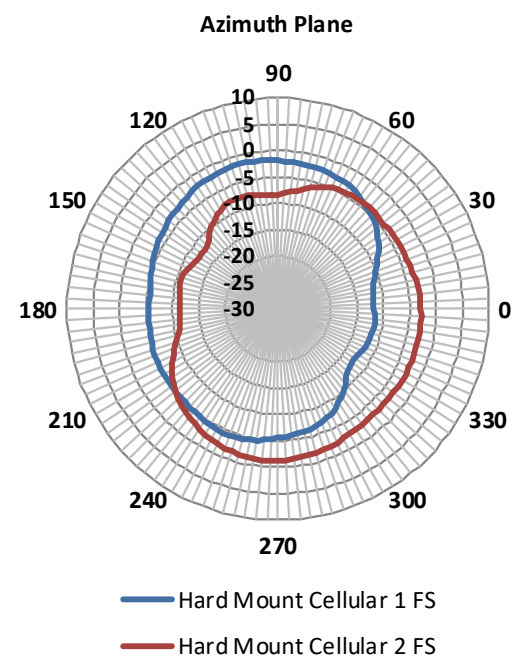
Cellular Radiation Pattern (960 MHz) – Hard Mount



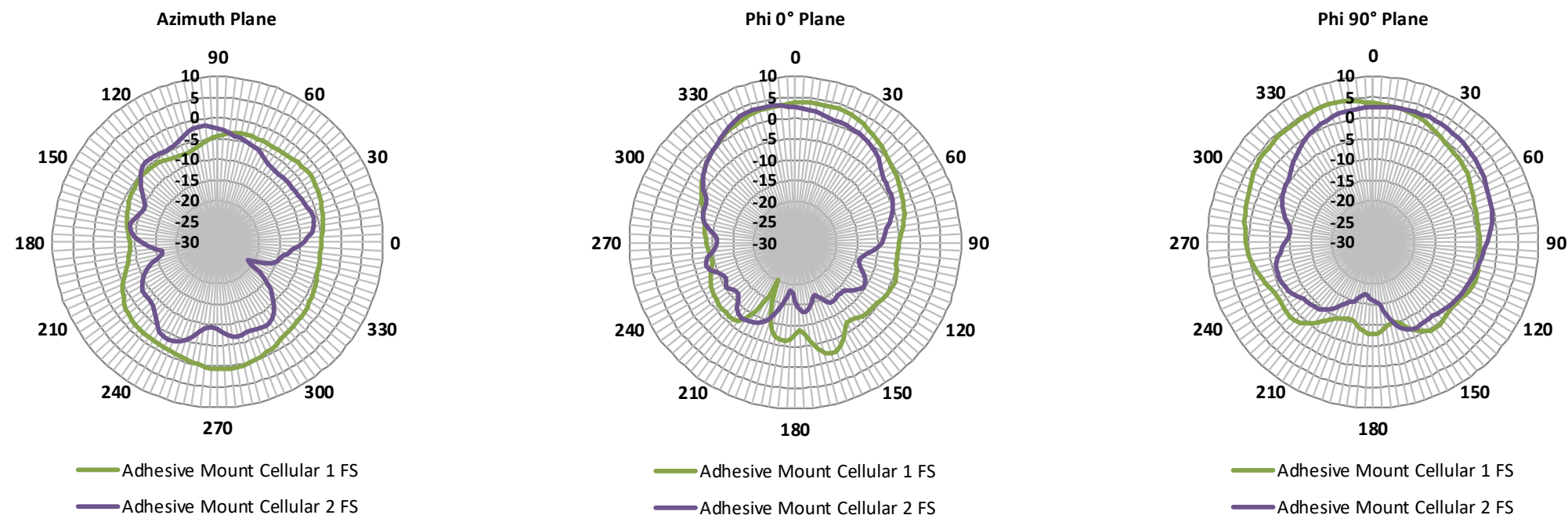
Cellular Radiation Pattern (960 MHz) – Adhesive Mount



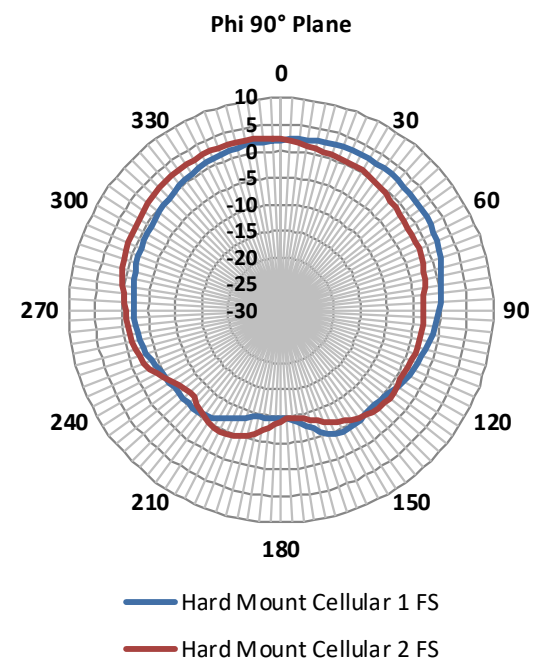
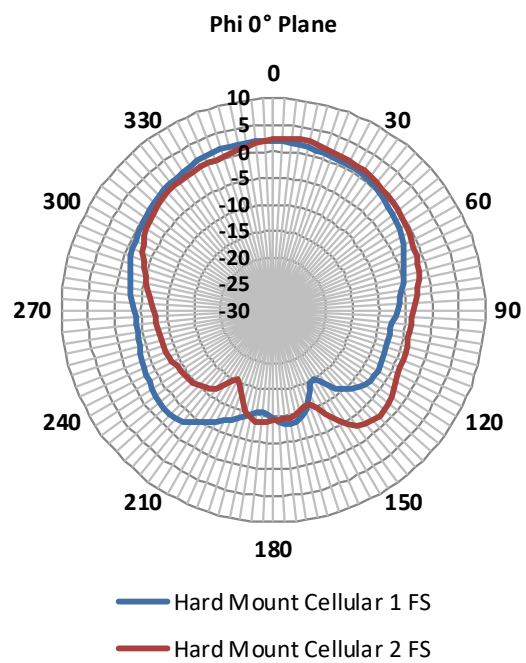
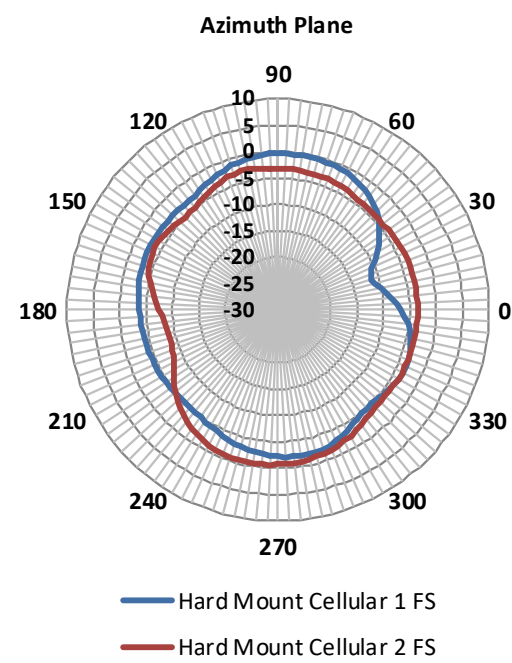
Cellular Radiation Pattern (1710 MHz) – Hard Mount



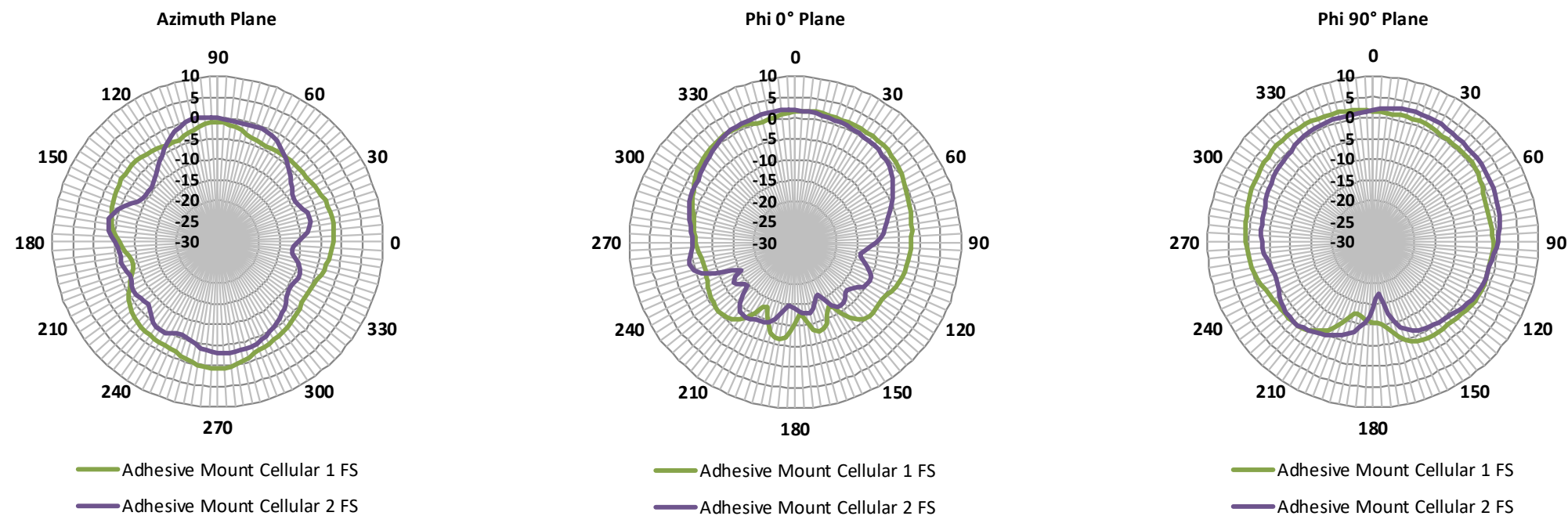
Cellular Radiation Pattern (1710 MHz) – Adhesive Mount



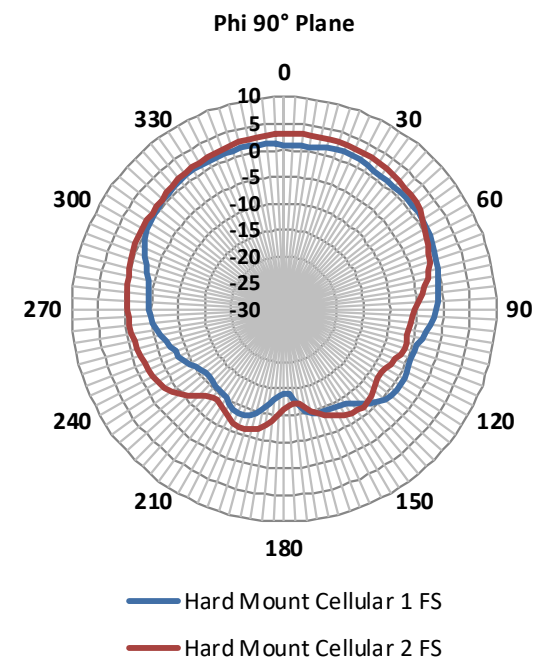
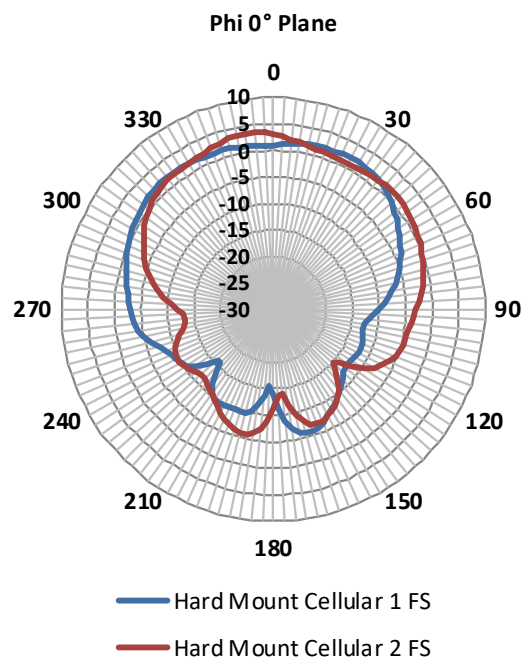
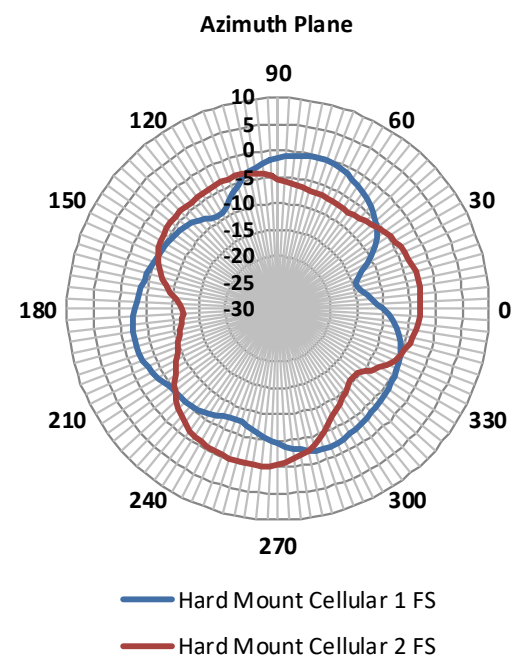
Cellular Radiation Pattern (1950 MHz) – Hard Mount



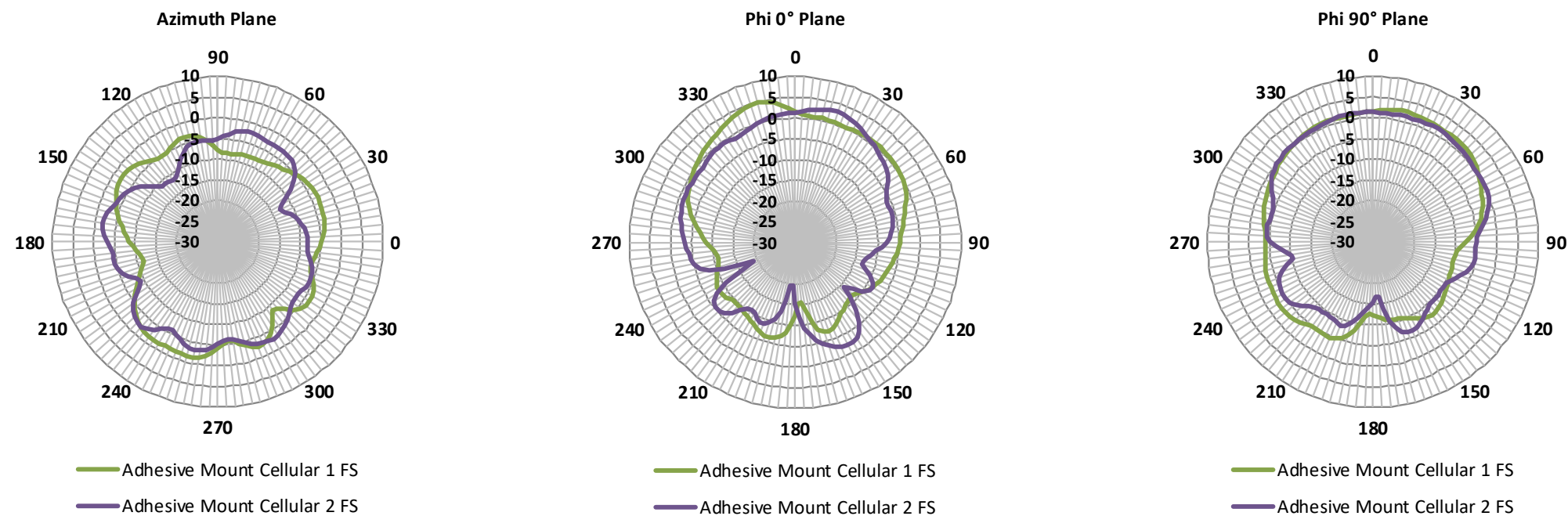
Cellular Radiation Pattern (1950 MHz) – Adhesive Mount



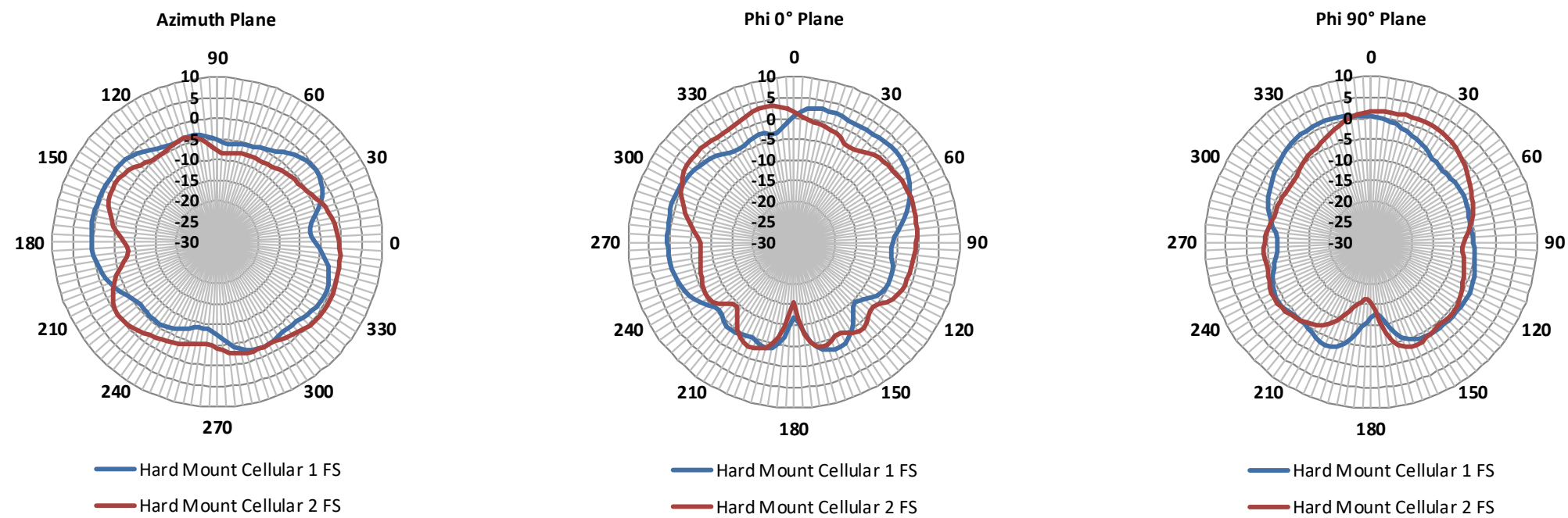
Cellular Radiation Pattern (2300 MHz) – Hard Mount



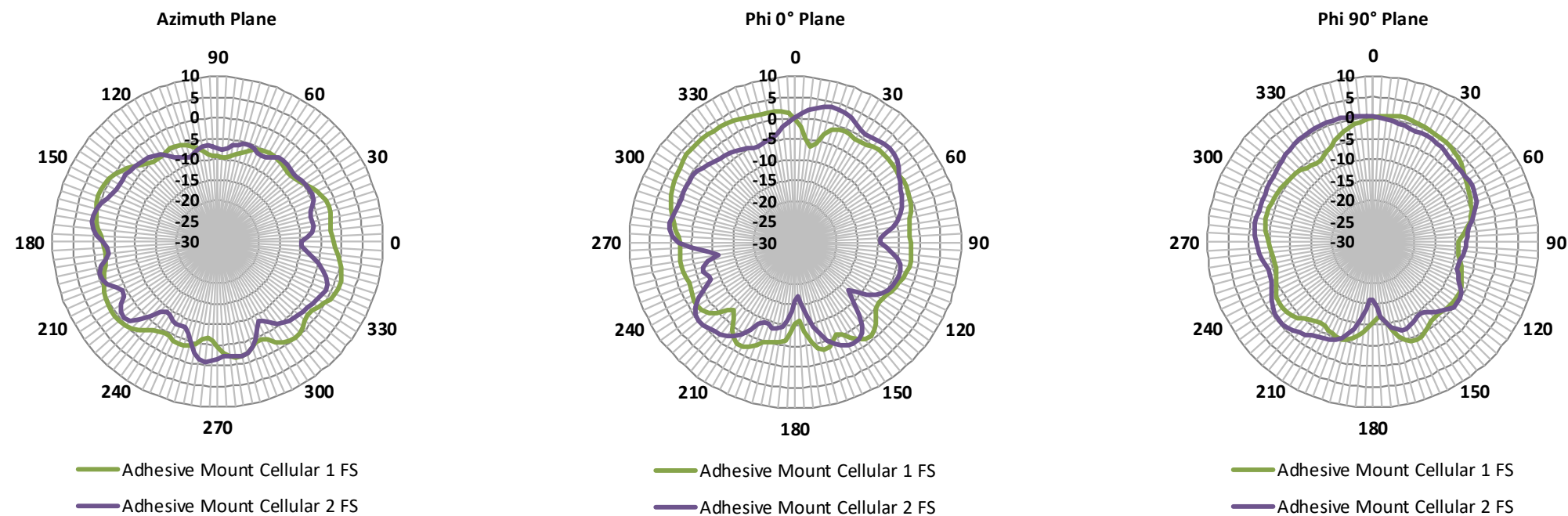
Cellular Radiation Pattern (2300 MHz) – Adhesive Mount



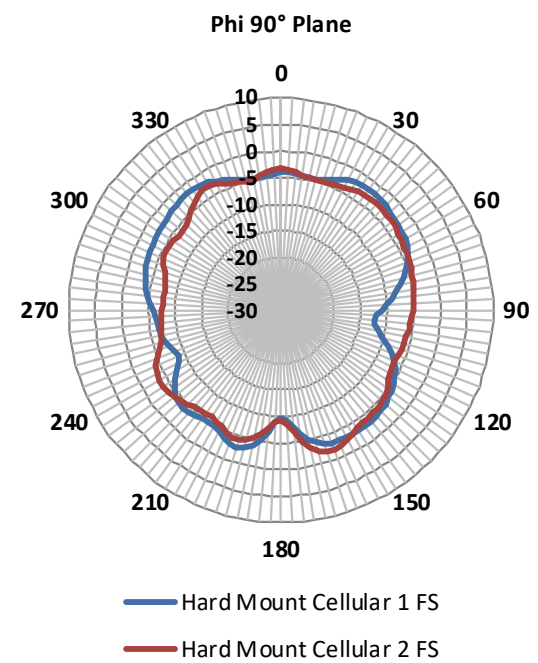
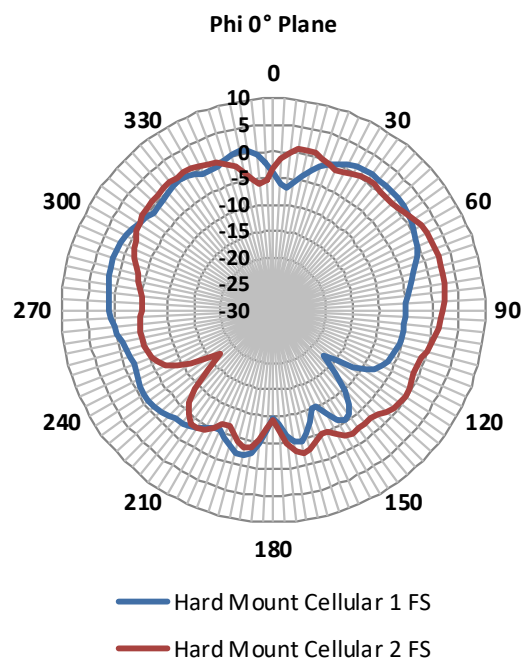
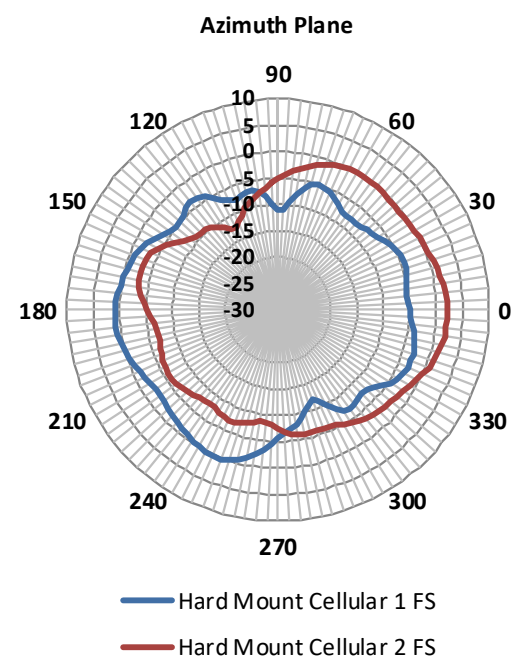
Cellular Radiation Pattern (2700 MHz) – Hard Mount



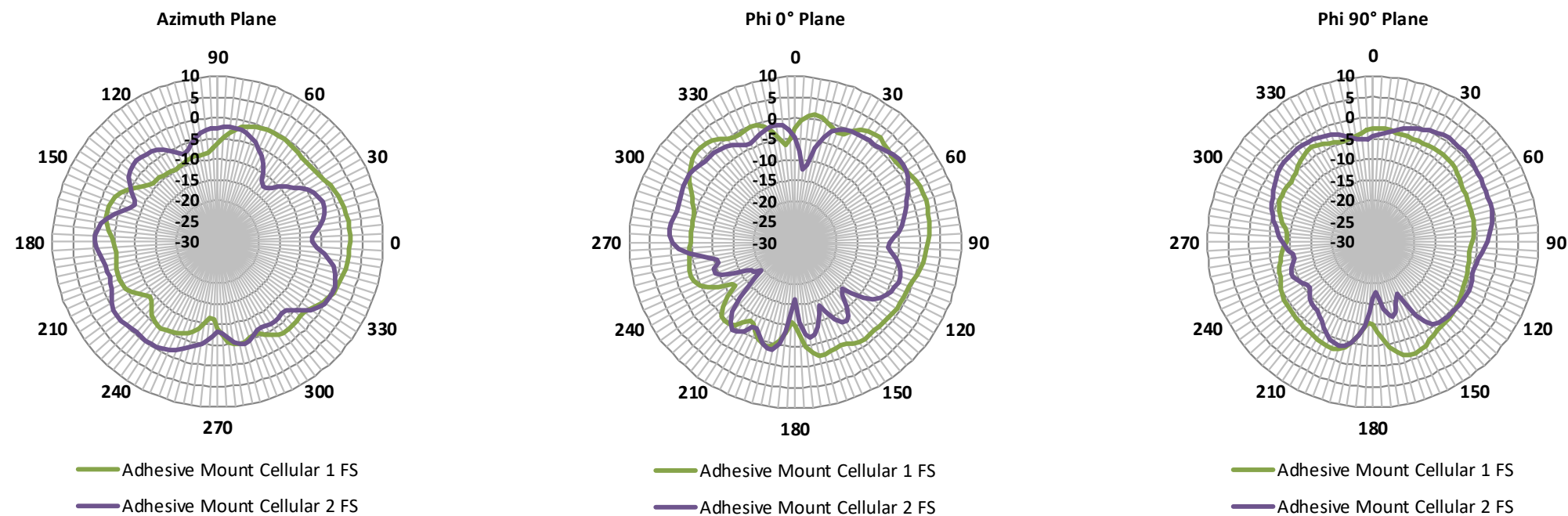
Cellular Radiation Pattern (2700 MHz) – Adhesive Mount



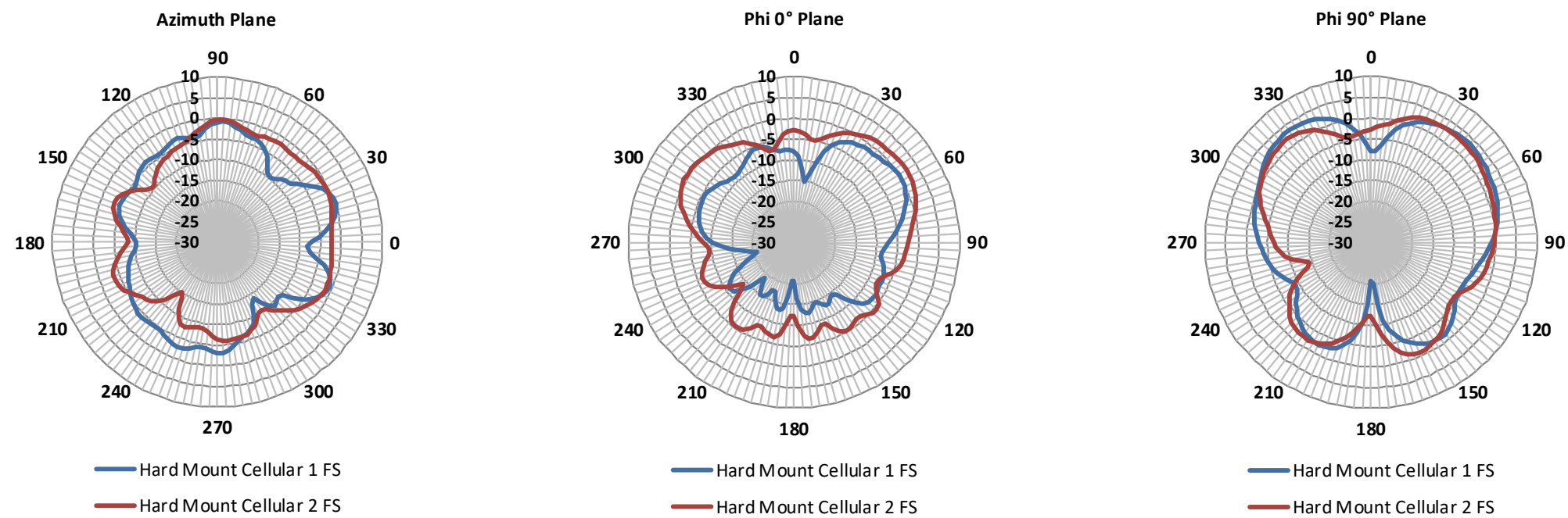
Cellular Radiation Pattern (3400 MHz) – Hard Mount



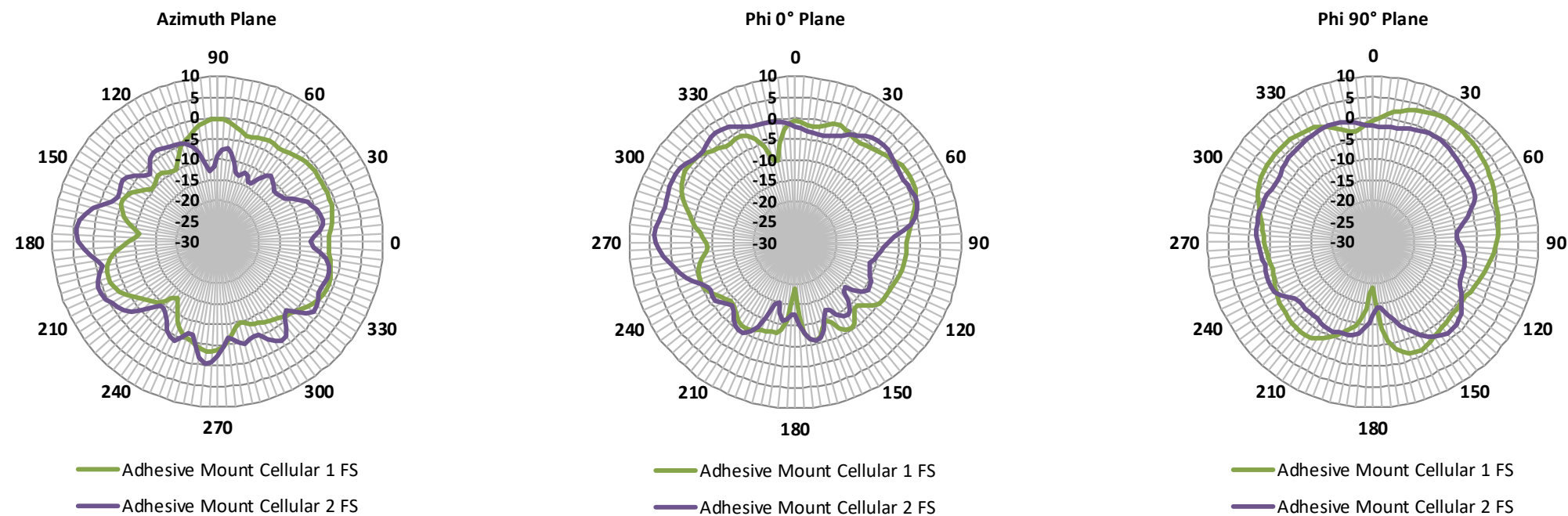
Cellular Radiation Pattern (3400 MHz) – Adhesive Mount



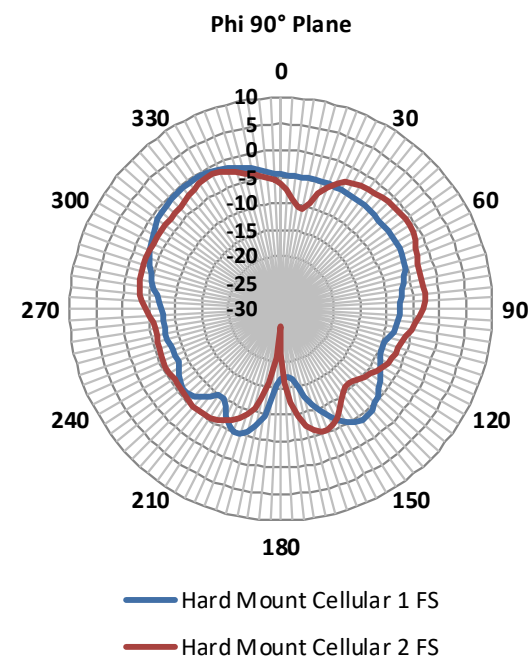
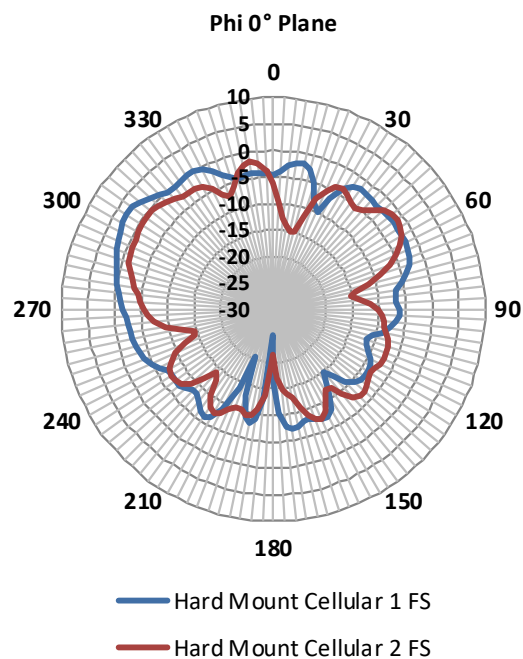
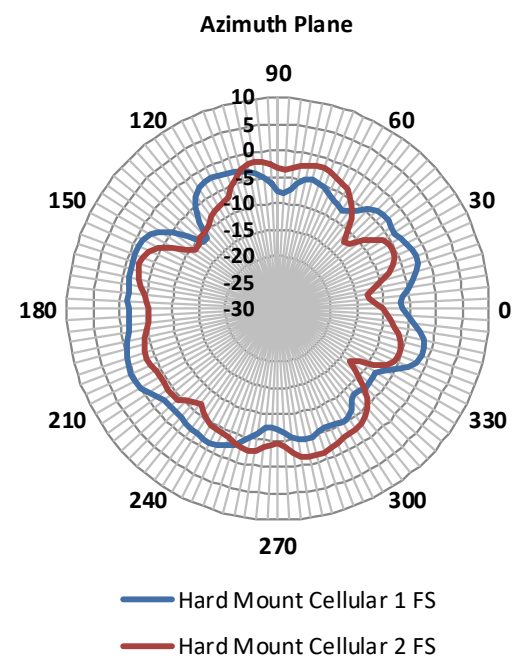
Cellular Radiation Pattern (3800 MHz) – Hard Mount



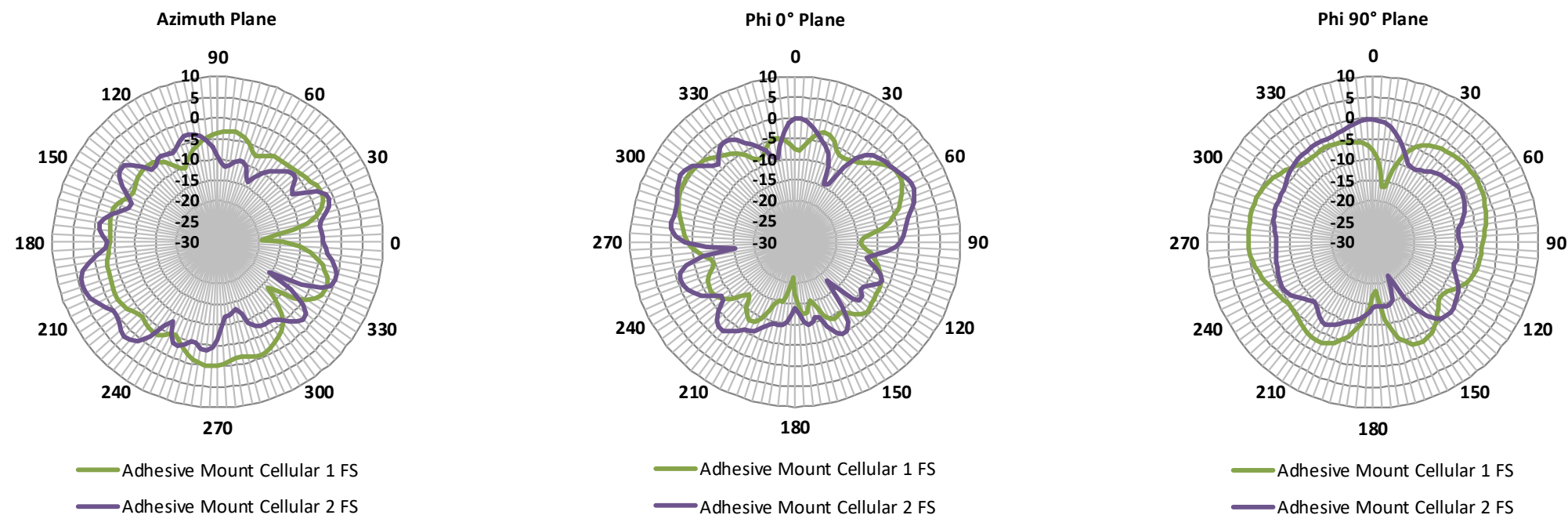
Cellular Radiation Pattern (3800 MHz) – Adhesive Mount



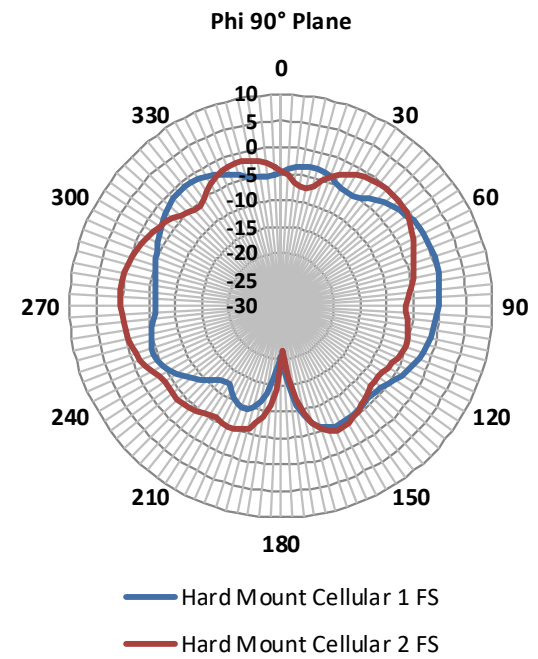
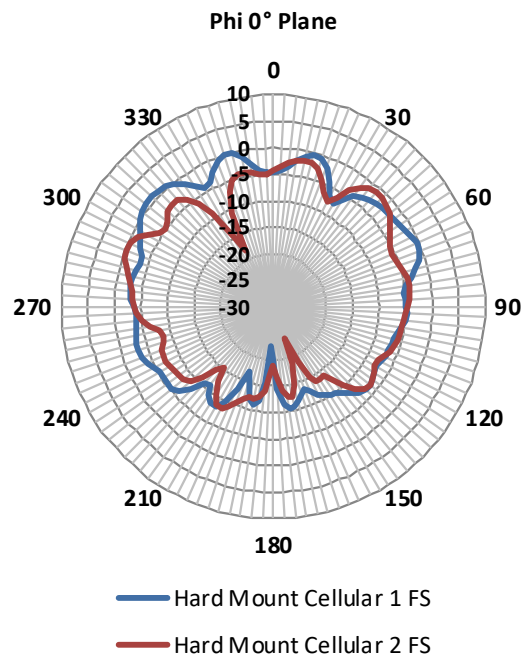
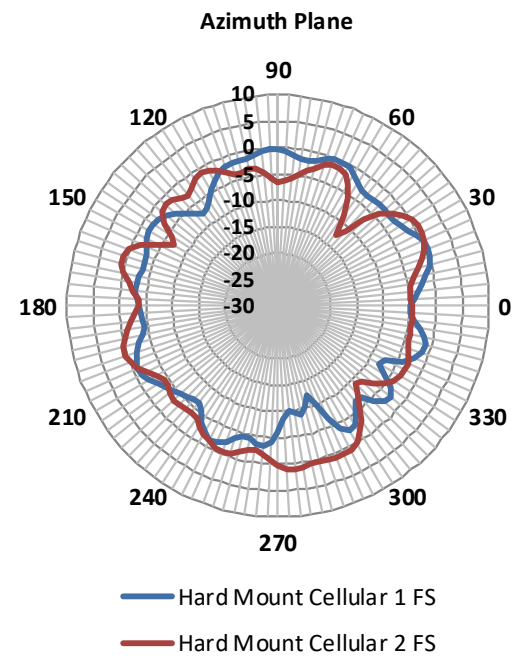
Cellular Radiation Pattern (4400 MHz) – Hard Mount



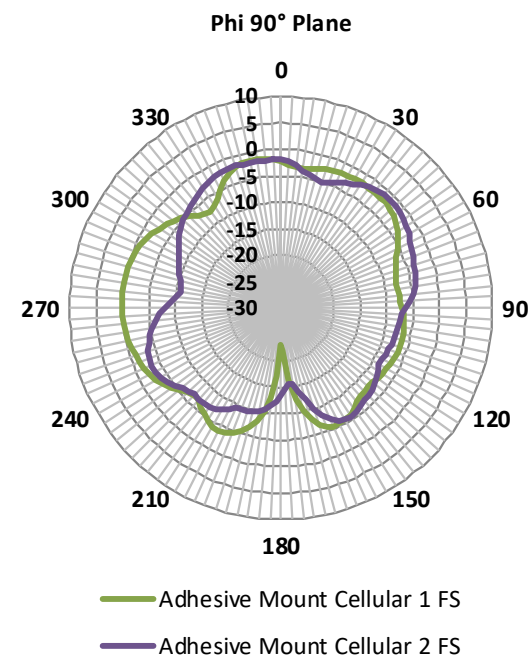
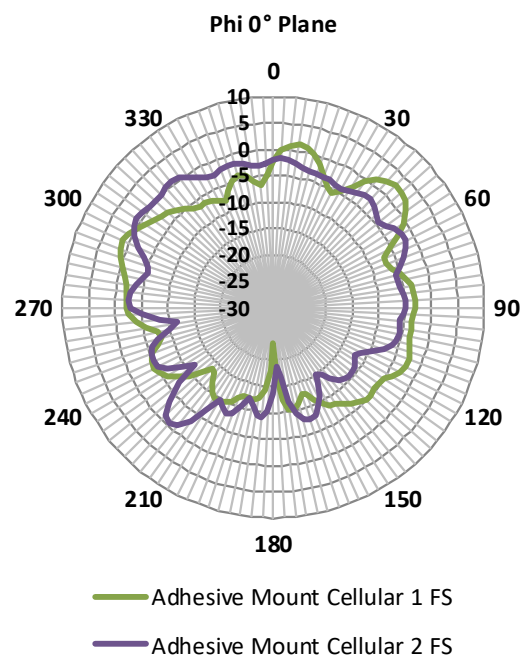
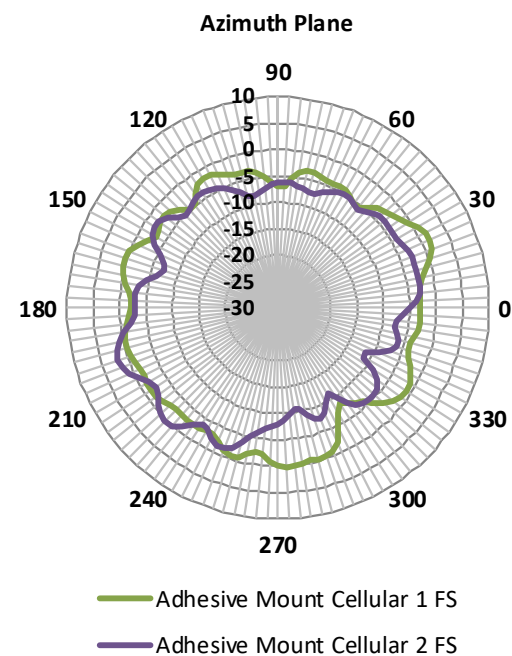
Cellular Radiation Pattern (4400 MHz) – Adhesive Mount



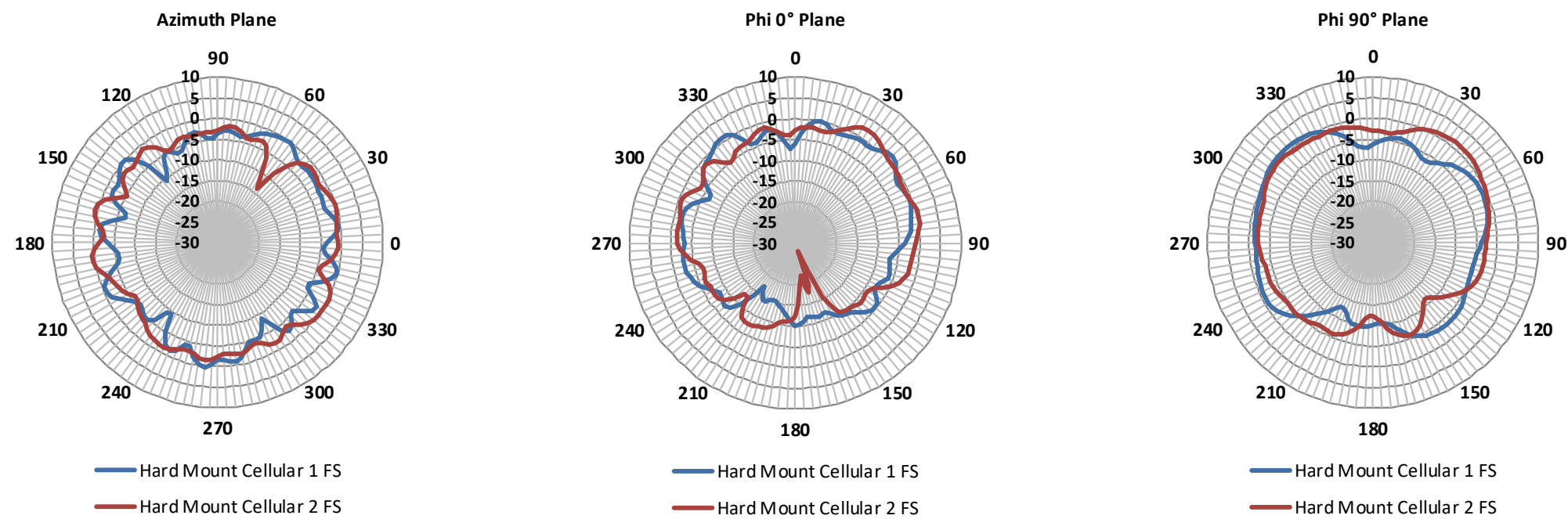
Cellular Radiation Pattern (4700 MHz) – Hard Mount



Cellular Radiation Pattern (4700 MHz) – Adhesive Mount



Cellular Radiation Pattern (5000 MHz) – Hard Mount



Cellular Radiation Pattern (5000 MHz) – Adhesive Mount

