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APPENDIX F: ANTENNA SPECIFICATIONS

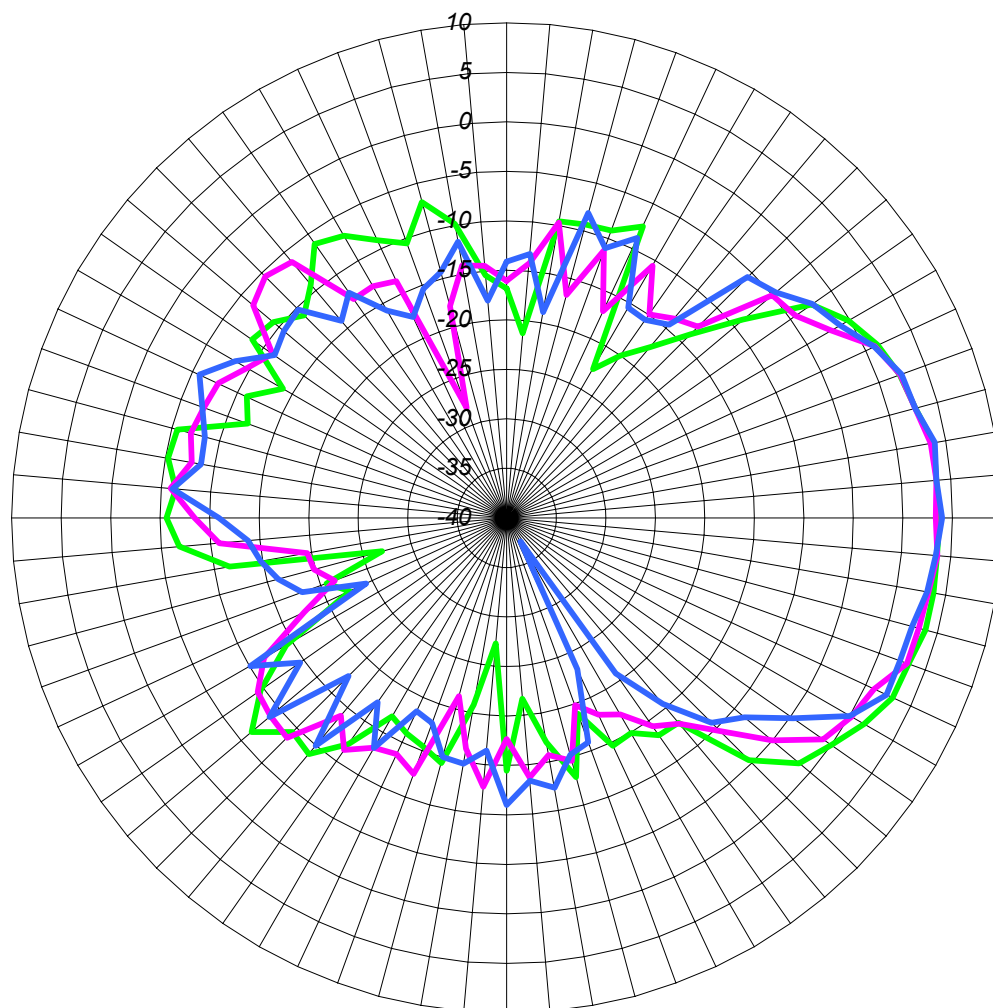
Please see the following pages.

Osprey Proto 01 Left Vertical - Data taken outside at 3 meters

E-Plane Data

Scale in dBi

Peak is 3.8 dBi at 5150 MHz, 3.6 dBi at 5250 MHz, 3.9 at 5350 MHz

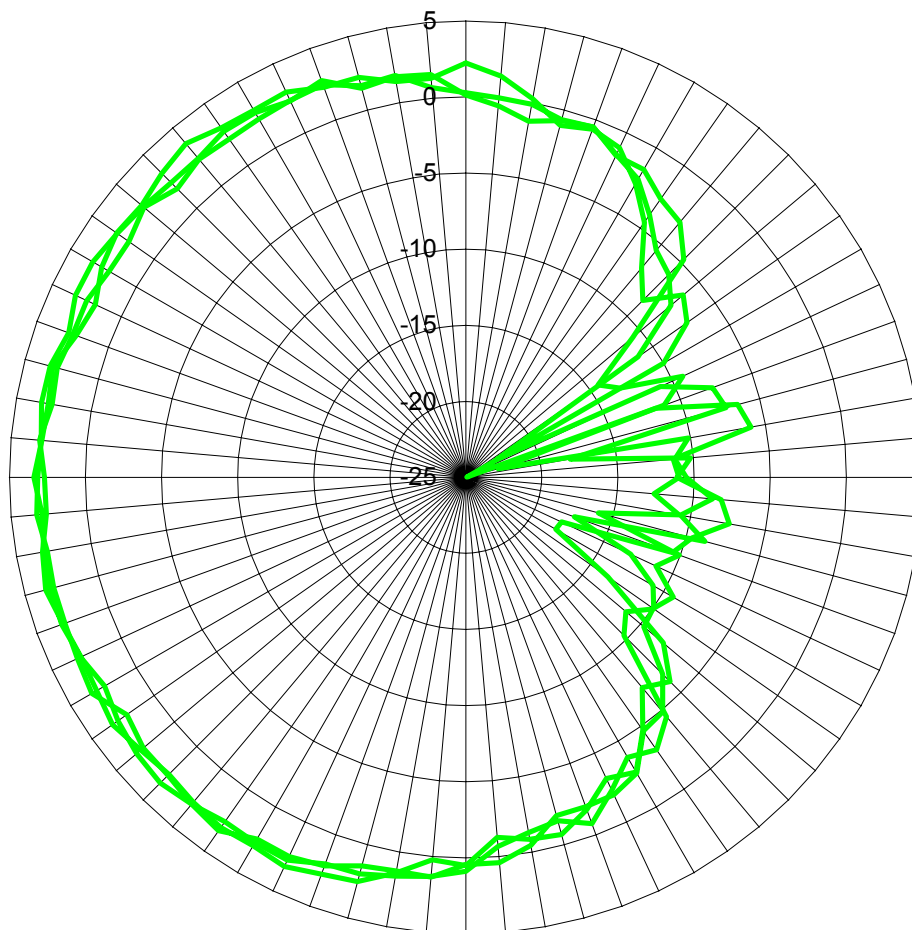


5150MHz 5250MHz 5350MHz

Osprey Proto 01 Left Vertical - Data taken outside at 3 meters
H-Plane Data (Take 3)

Scale in dBi

Peak is 3.6 dBi at 5150 MHz, 3.6 dBi at 5250 MHz, 3.4 dBi at 5350 MHz

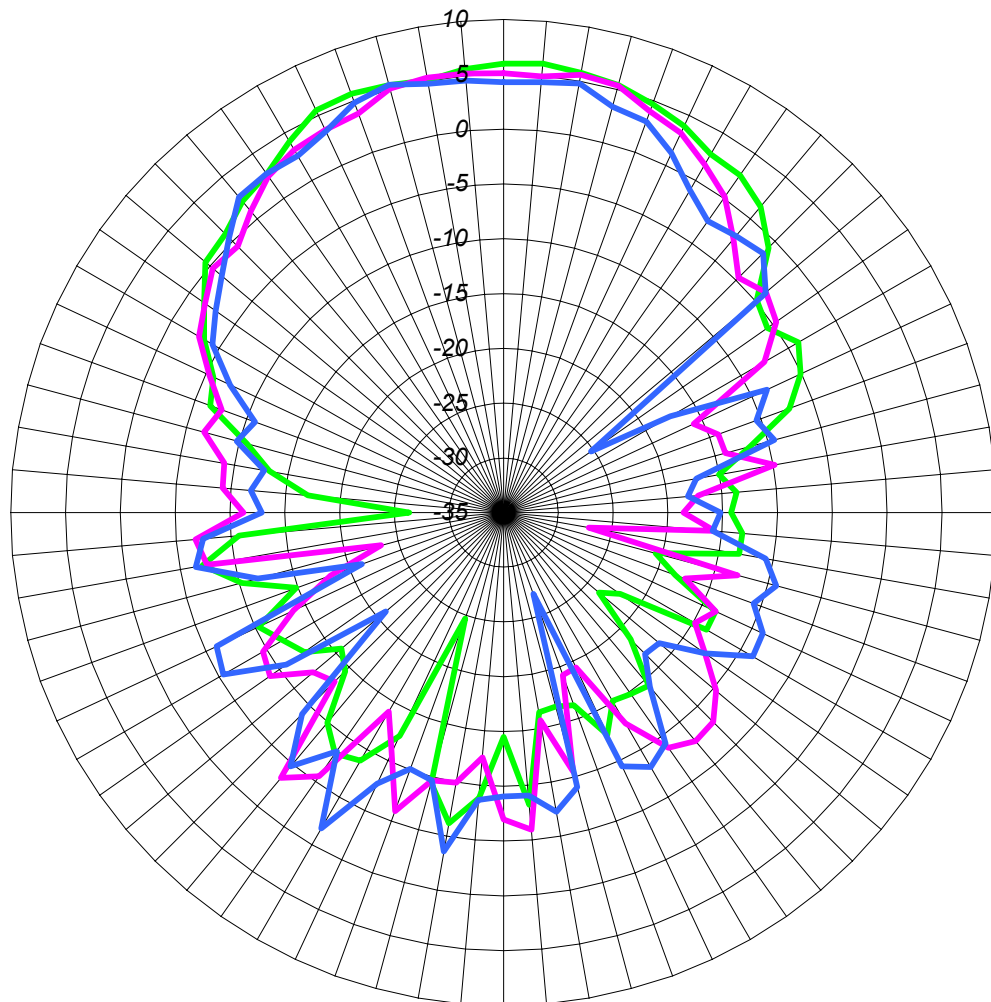


5150MHz 5250MHz 5350MHz

Osprey Proto 01 Upper Patch - Data Taken Outside at 3 meters
E-Plane Data

Scale in dBi

Peak Gain = 6.2 dBi @ 5150 MHz, 5.6 dBi @ 5250 MHz, 5.4 dBi @ 5350 MHz

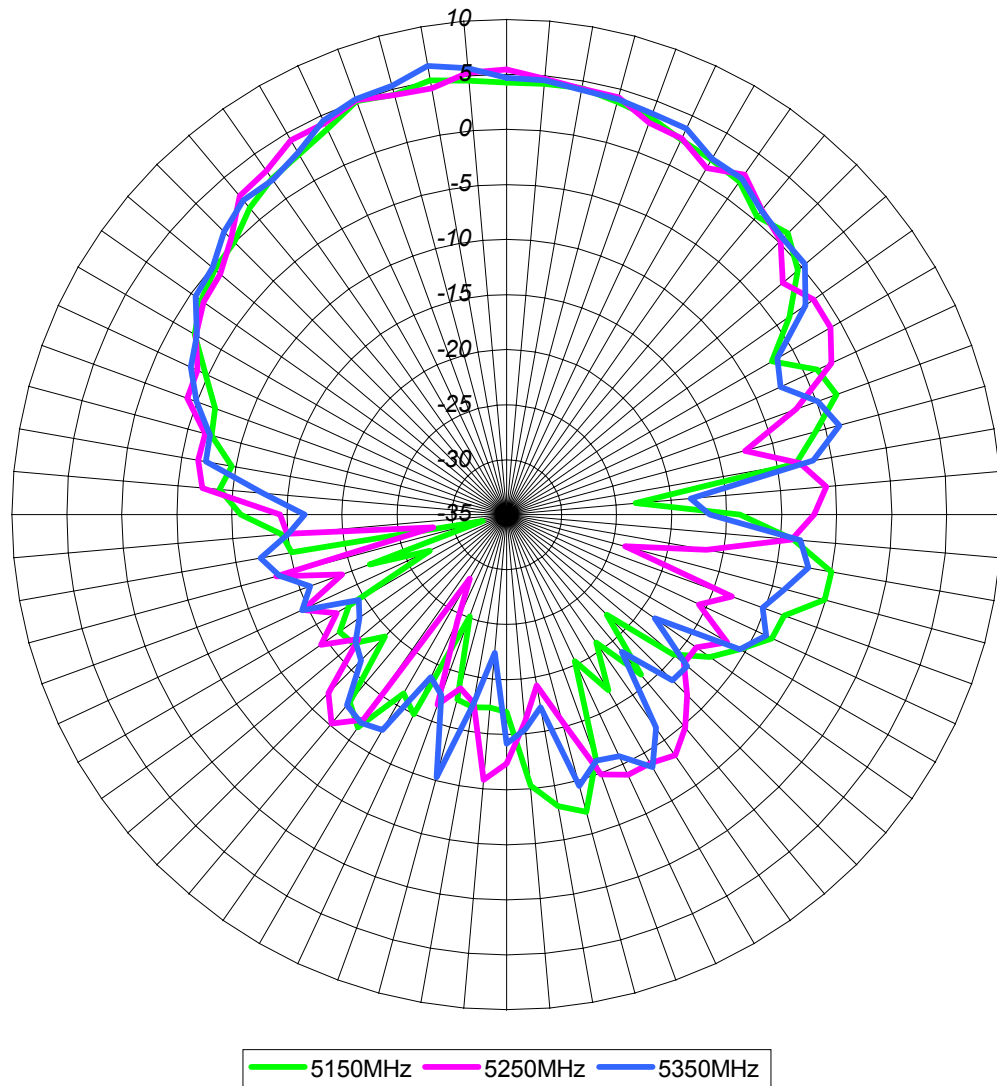


5150MHz 5250MHz 5350MHz

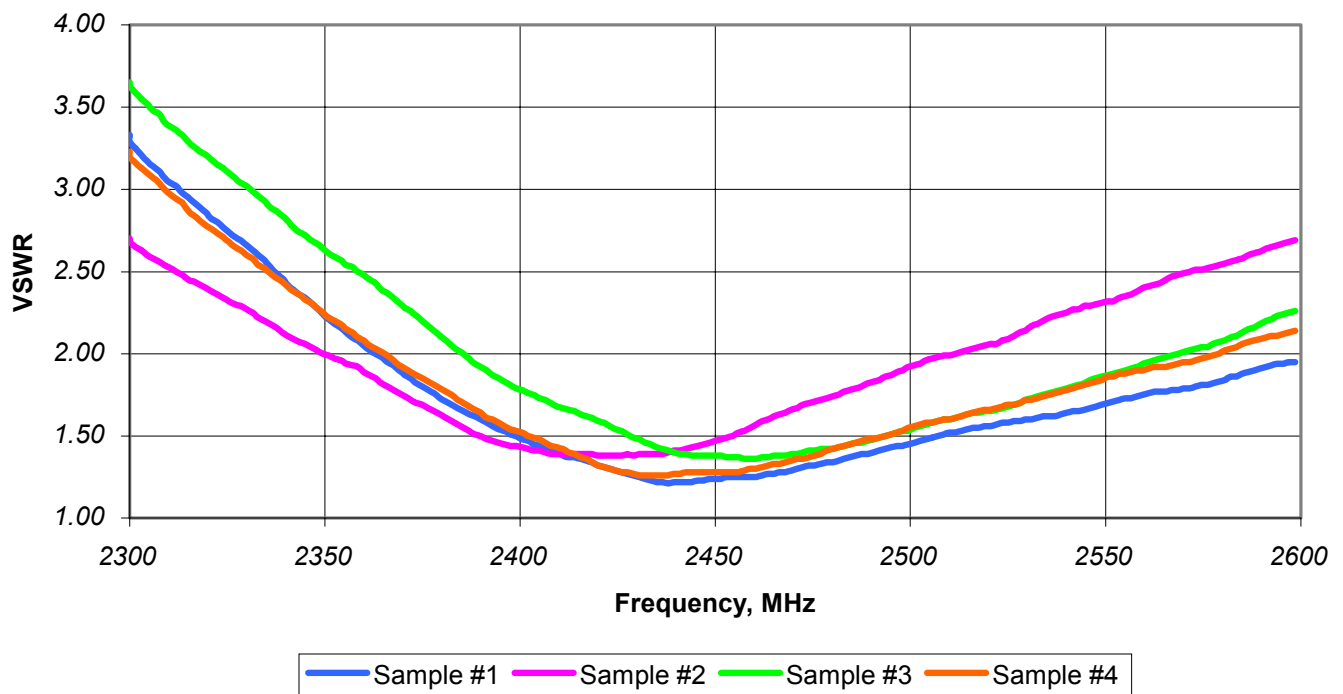
Osprey Proto 01 Upper Patch - Data taken outside at 3 meters
H-Plane Data (Take 2)

Scale in dBi

Peak Gain = 5.0 dBi @ 5150 MHz, 5.4 dBi @ 5250 MHz, 6.4 dBi @ 5350 MHz



VSWR vs Frequency
Radiall/Larsen SPDA17RP2400 Dipole



VSWR vs Frequency
Radiall/Larsen SPDA17RP2400 Dipole

