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M/N AIR-RM20A-A-K9

## **APPENDIX F: ANTENNA SPECIFICATIONS**

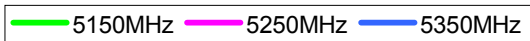
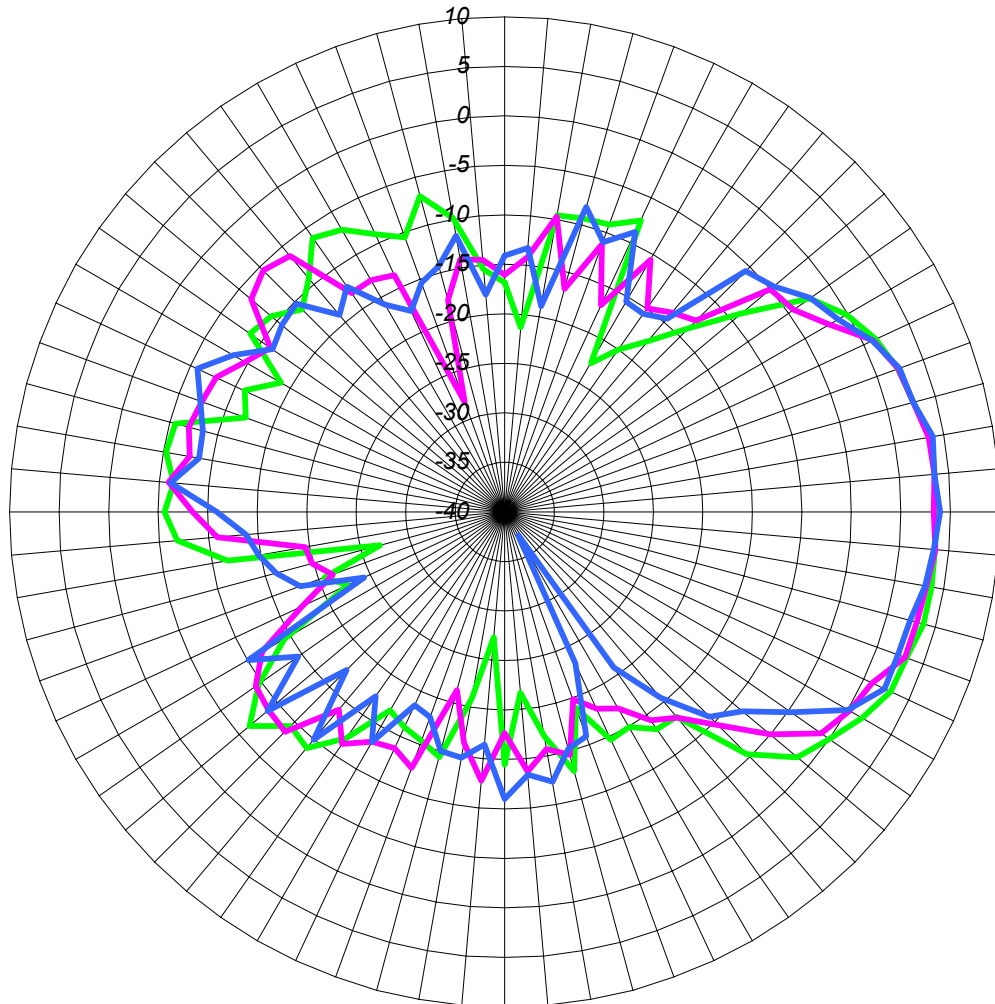
Please see the following pages.

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

E-Plane Data

Scale in dBi

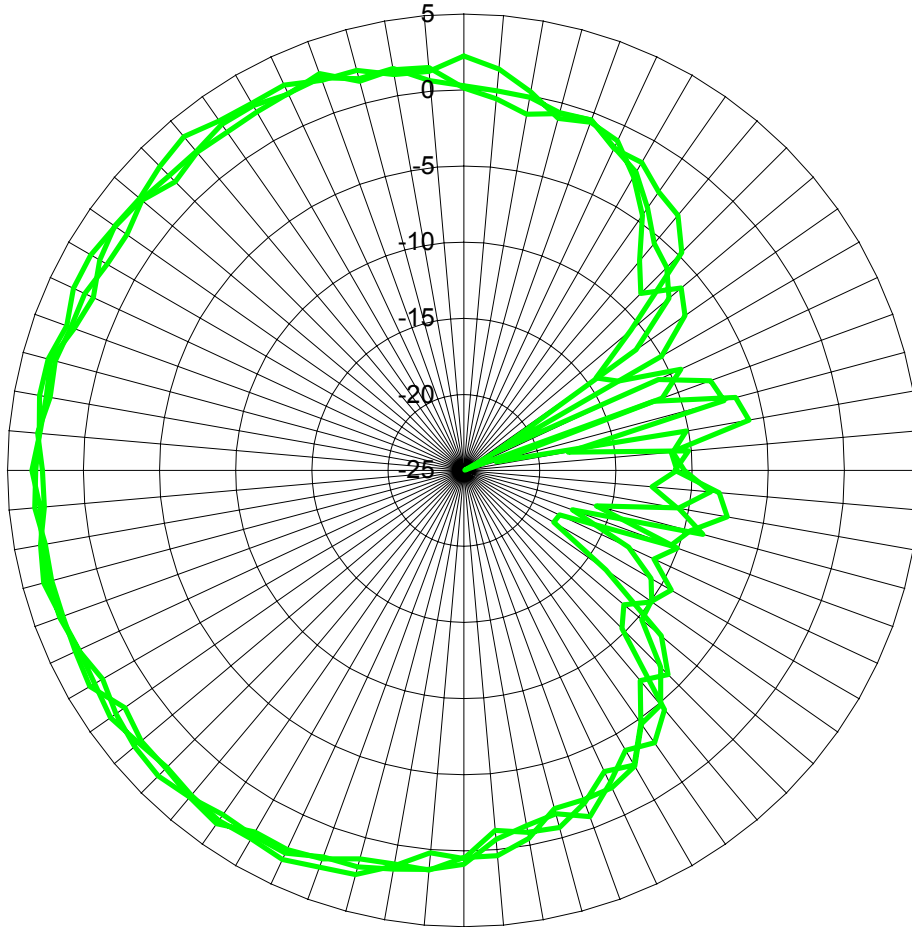
Peak is 3.8 dBi at 5150 MHz, 3.6 dBi at 5250 MHz, 3.9 at 5350 MHz



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



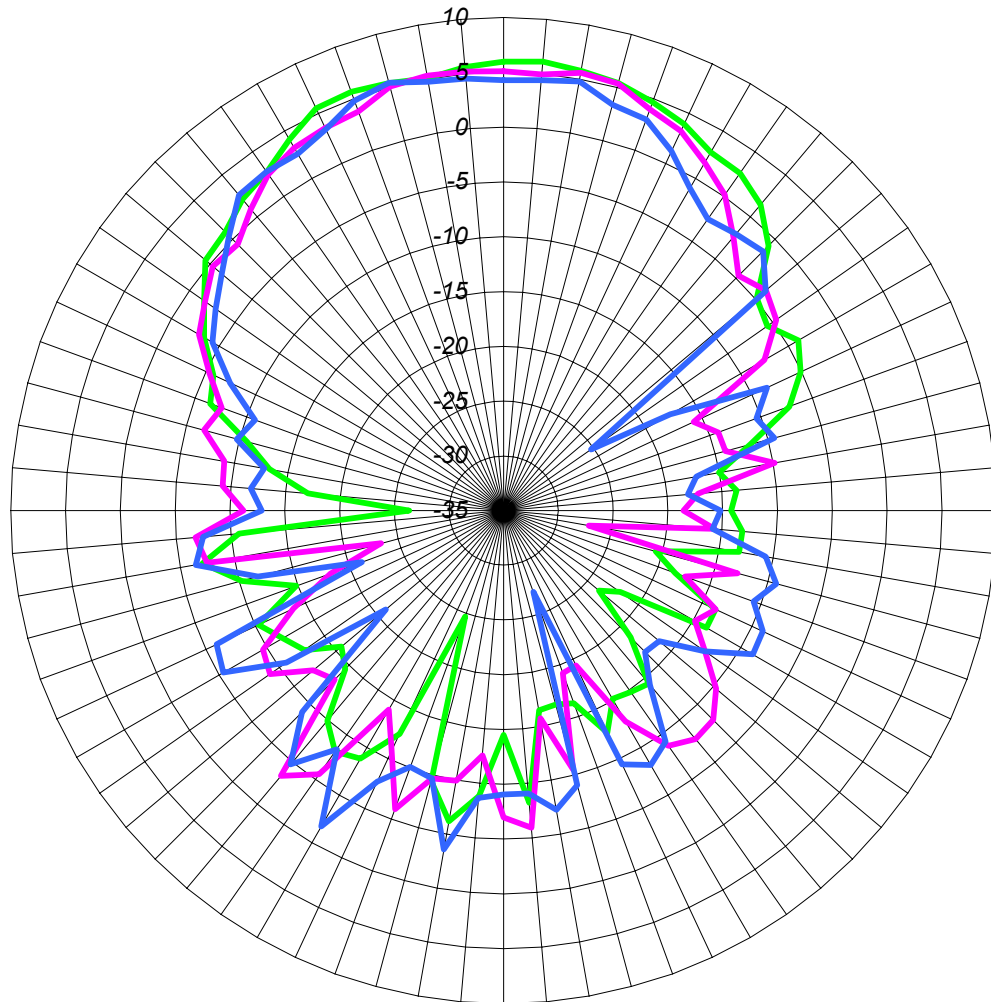
— 5150MHz — 5250MHz — 5350MHz

# 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

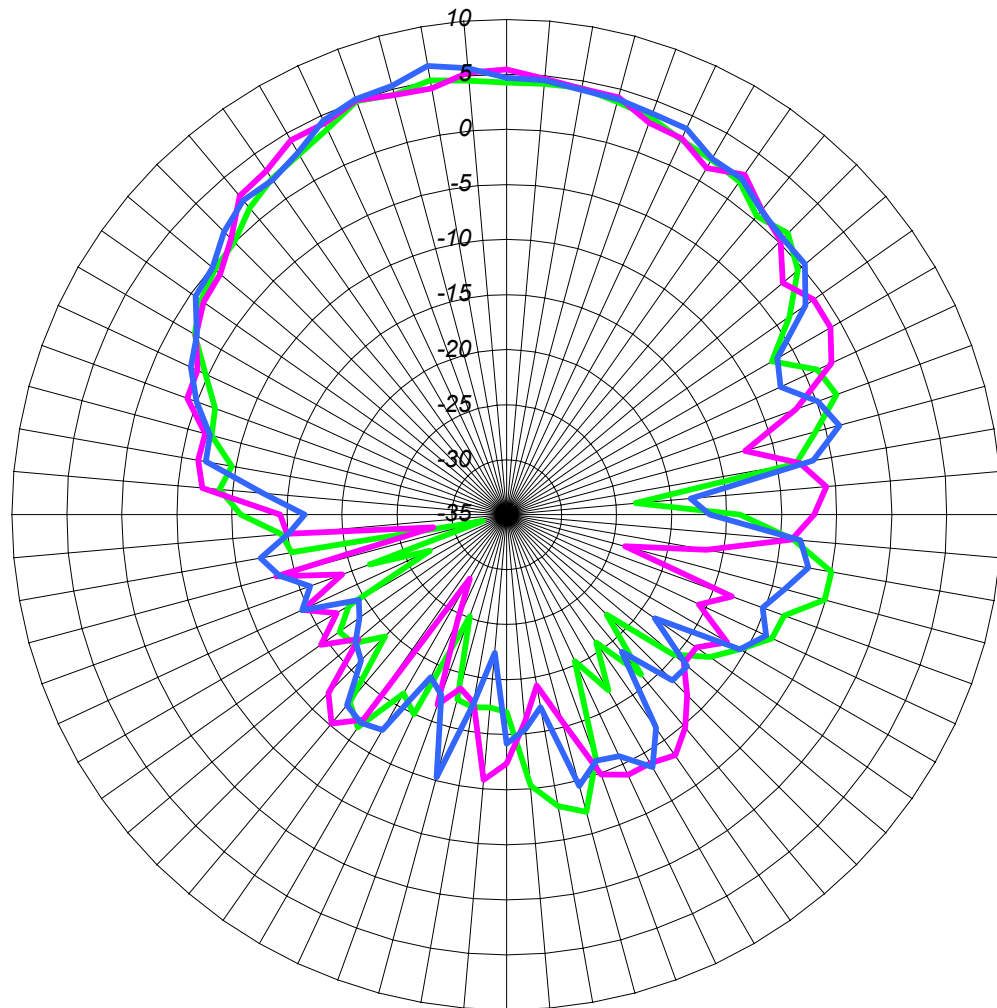


5150MHz 5250MHz 5350MHz

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

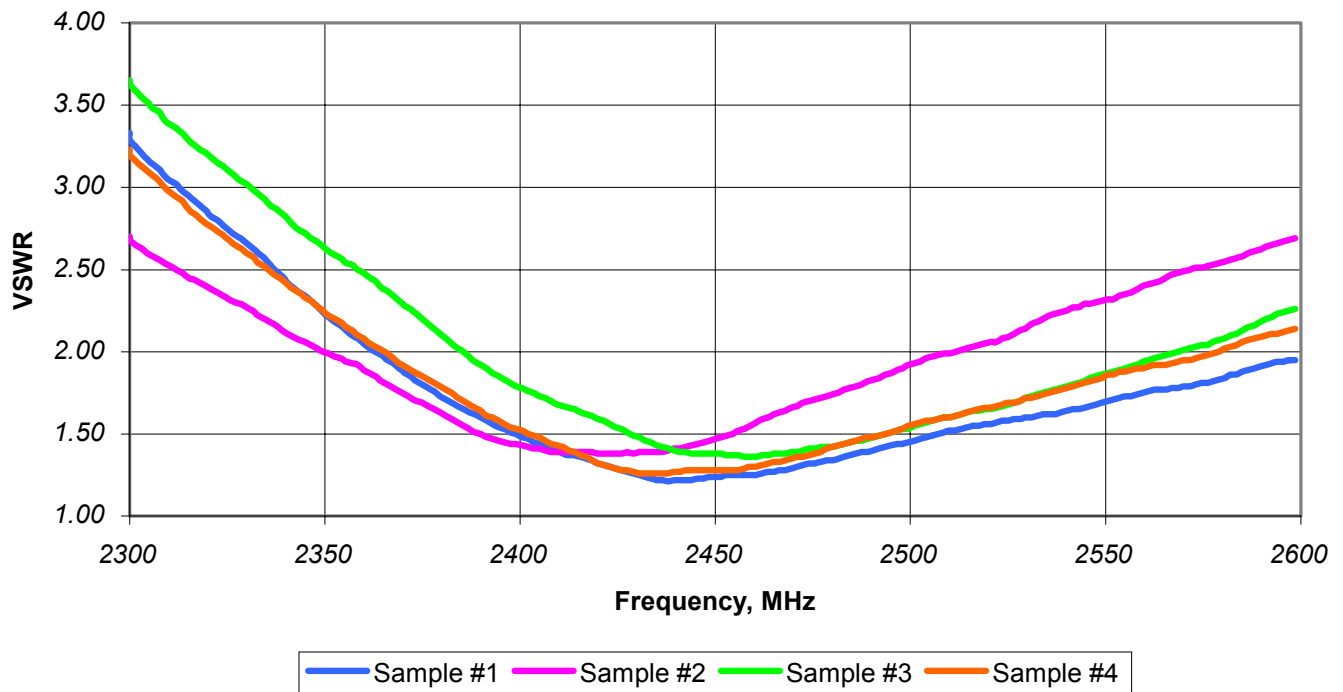
Scale in dBi

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



5150MHz 5250MHz 5350MHz

VSWR vs Frequency  
Radiall/Larsen SPDA17RP2400 Dipole



VSWR vs Frequency  
Radiall/Larsen SPDA17RP2400 Dipole

