

Spectrum Telecom, Inc.
FRN 0013137468
FCC Form 442
Antenna Registration Form Item 4
File No. 0075-EX-ML-2005
Confirmation Number EL914321
Call Sign WD2XQD

QUESTION 4: ANTENNA BEAMWIDTH AND ORIENTATION - MODIFIED

For the base stations, applicant Spectrum Telecom, Inc. (“Spectrum Telecom”) intends to use three sectorized antennas with a beamwidth of 120 degrees each at the half-power point. The antennas will be mounted vertically with orientations of 0, 120 and 240 degrees on the horizontal plane.

For the Navini fixed customer units, Spectrum Telecom intends to use omnidirectional antennas.

For the Aperto and Redline fixed customer units, Spectrum Telecom intends to use panel antenna with a conical beamwidth of 7.5 degrees at the half power point. The antennas will be mounted to be pointed towards the base stations.