

Exhibit Information – Directional Antenna Information:

- a. The second antenna, 1.2m, with 8W amplifier will be fixed/mobile operating from various locations within CONUS. It will operate over 14.0 to 14.5 GHz pointing at ALLSAT. Its 3 dB beamwidth at midband is 1.13 degrees.
- b. The third antenna, 1.0m, with 15W amplifier will be fixed/mobile operating from various locations within CONUS. It will operate over 14.0 to 14.5 GHz pointing at ALLSAT. Its 3 dB beamwidth at midband is 1.53 degrees