

From: Rob Smith

To: Leann Nguyen

Date: September 21, 2016

Subject: Request for Info - File # 1235-EX-ST-2016

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Message:

1) Do any of the fixed station antenna point directly above the horizon? if yes, what is the max elevation angle?

No. The fixed station antennas will have a vertical angle of zero or less, meaning that they will be level or may have up to a 5 degree downward tilt.

2) Do all the fixed station antenna point directly towards the horizon?

No. Some of the fixed station antennas will point at a downward angle.

3) Is any of the fixed stations transmit South-west, South or South-east?

No. None of the fixed stations transmit South-west, South, or South-east. The only exterior fixed location would transmit to North, North-east.

4) Do any of the fixed stations' antennas tilted down (below the horizon) towards the mobile stations?

Yes. Some of the fixed station antennas are tilted downward but from a height at no greater than 10m AGL.

5) What is the maximum main beam gain and 3dB beamwidth for the fixed stations (with ERP of 630 W and 100 W)?

Not applicable; our maximum power is 10W.