

From: Michael Gay

To: Leann Nguyen

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Subject: Request for Info - File # 0386-EX-PL-2016

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Message:

- Is the testing involving ground-to-air and air-to-ground?

The testing is Ground Transmitter to Ground Receiver. The transmitter is positioned on the ground during the test, receiver ensures that the power level is in line with the expected value. This license is only needed to verify operational performance of the equipment, and no link is established.

- What is the ground station antenna main beam gain, 3 dB beamwidth and if an antenna pattern is available?

The ground station is simply a receiver that verifies that the transmitter is working.

- If there is air-to-ground communication, what is the aircraft station antenna main beam gain, 3 dB beamwidth and if an antenna pattern is available?

This test is only performed on the ground and the transmitting equipment main beam is pointed directly at the receive equipment. Main Beam 26 dbi, beam width 7.0 degrees.