

From: Marc Cittadini

To: Jose Trevino

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Subject: FCC file number 0157-EX-ST-2011

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Message:

The STA requested will allow us to perform initial power up tests of a radar transmitter.

This test will be conducted with the antenna in a fixed position pointing at an elevation of 90 degrees and emitting full power while transmitter parameters are measured.

These tests will be only for short durations due to the inability to cool the transmitter since it is in a prototype configuration at this stage of construction.

Radiating is necessary to determine antenna interaction with the transmitter at high power as well as allowing us to measure the absolute coupling between the transmit and receive antenna.