

From: Jeffery Lyon

To: Behnam Ghaffari

Date: April 21, 2016

Subject: 0063-EX-ML-2016

---

Message:

The maximum antenna gain is 33 dBi.

While mounted on the aircraft, the antenna's mechanical pointing direction will be fixed to the pointing direction of the plane. While in the air, the aircraft fly race track patterns during testing. During airborne operation, the antenna's mechanical pointing direction will be either 0 +/- 15 degrees (North) or 180 +/- 15 degrees (South).

While on the ground and mounted on the aircraft, the antenna's mechanical pointing direction will be either 0 +/- 15 degrees (North) or 180 +/- 15 degrees (South).