

From: Meena Sokhi

To: Jose Trevino

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Subject: FCC file number 0172-EX-PL-2010

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Message:

1) Purpose of Radar

STAR Dynamics is developing and manufacturing an RCS measurement radar system for object recognition and imaging. The radar product contains 1 antenna that both transmits a signal and receives the echo signal from a passive calibration reflector mounted onto a portable support located approximately 300m away.

For final radar product testing, the radar antenna will be rotated in azimuth and elevation angles using a dual-axis x-y positioner. The maximum azimuth rotation of the antenna in the horizontal plane is +/- 90 degrees. The maximum elevation rotation angle of the antenna in the vertical plane is from 0 to 30 degrees.

2) The sponsor for this project is STAR Dynamics Corp. Research & Development.