

Exhibit: Description of Experiment

Rockwell Collins, Inc. (Rockwell Collins) respectfully requests a new experimental license to develop Ku band receive-phased-array antenna technology at its sites in Cedar Rapids, Iowa and Melbourne, Florida. Rockwell seeks to begin this testing by August 1, 2017.

The objective of the experiment is to demonstrate that a proof of concept receive Ku band phased array antenna development model functions in an over-the-air environment. The experimentation will use fixed commercial Satcom Ku band parabolic antennas to for the transmit side of the link. The testing, which uses the transmission type 8-PSK (phase-shift keying), will have a pulse duration and repetition rate of up to 100-percent duty cycle.

Successful completion of these tests will prove low profile Ku band antenna technology is a viable solution for future aircraft-based communications systems. This will expand the utilization of Ku band phased array antenna technology for these applications.