

Technical Description

The Boeing Company

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by

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JUSTIFICATION:

The purpose of this application is to conduct testing of a KA Band Satellite simulator and Signal Generator used for testing of rotorcraft aircraft. This testing requirement is the initial test similar to application file number 0543-EX-PL-2012. The testing will be conducted at a Boeing Facility in Kent WA. .

OBJECTIVE & TEST DESCRIPTION

Testing will be conducted from RF source 1 and transmitting via a broadband antenna at <0.1mW EIRP or .062 ERP. Sweeping the ranges listed in the frequency bands. Sweep will be stepped CW in 100MHz Increments. (19.2, 19.3, 19.4 GHZ).

The secondary transmitter will be transmitting at <.01mW EIRP of power while sweeping in 100MHz increments in the frequency ranges listed in the test bands area.

STOP BUZZER” POINT OF CONTACT:

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