

Confirmation Number: EL129947

File Number: 0205-EX-CN-2018

Request: Raytheon is requesting **two** datalink frequencies in the following bands.

Two in the transmit band of **14.7145 Ghz – 14.83 Ghz**

Two in the receive band of **15.15-Ghz – 15.35 Ghz**

Stop Buzzer: Rick Scoggins 214-843-6025, **Alternate:** Craig Wilson 972-877-3245

Flight Elevation: 14 km

Reason For License: Testing newly developed airborne sensors

Brief Description of the datalink test.

Line of site transmission of RTDE test data from an airborne platform to ground station. Air to ground data link for development and testing on a non-interference basic (NIB).

We will initiate the airborne sensor test, and then downlink data via the data link to a ground communication component. The operator on the ground will interact digitally (chat, email, VOIP) with the airborne sensor operator as the sensor is being tested.