

From: David Siddall

To: Nimesh Sangani

Date: September 10, 2020

Subject: Additional Information Request

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Message:

1. The program requires three distinct channels / frequencies within the 2500-2655 MHz band, with an operational bandwidth of 5 MHz, emission designator 5M00G7D. If specific channels are assigned, suggested frequencies are 2575 MHz, 2605 MHz, and 2645 MHz, but any others will do as well.
2. The system will be testing a one-way, air-to-ground data telemetry radio communications system. The radio modem and antenna pair for this is a wide band system, capable of operation from 800 MHz to 6000 MHz. The program requests selected discrete frequencies across that bandwidth to test the capabilities of the RF equipment under operational conditions. The requested bands in this application were selected based on their allocations and potential for successful coordination for this purpose.
3. Avoiding interference to licensed operations in this band will be by selective frequency assignment, together with coordination as required with licensed users in the area. A search of users within 25 miles of the operation shows 14 active license holders in this band. The aircraft test area of operations can be adjusted within the requested area to avoid potential interference areas.
4. Stop Buzzer information is: John Stralka &ndash; 410-446-6485, or Lance Harper &ndash; 703-595-8673.