

From: Jim Perkins

To: Doug Young  
Date: April 27, 2021

Subject: Request for Info - File # 0627-EX-ST-2021

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Message:

Please describe the operation of testing. What device is being use for testing?

Answer: We will be transmitting a signal with up to 300 kHz of modulation bandwidth. The RF exciter is an Ettus B310 software defined radio driving a power amplifier. The power amplifier is based on a Mitsubishi RA60H1317M1A RF mosfet. This mosfet is commonly used in VHF mobile radio equipment.

Please see Section 2.202 of the Commission's rules to update the emission F3W. Include bandwidth in the format described in 2.202.

Answer: 300KW

Prior to operations in the 149-150.05 MHz band, applicant must obtain a written consent from Orbcomm License Corp. (Call signs: E940534, S2103), or remove this band.

Answer: We will remove the 149-150.05 MHz band.