



FAA Concurrence of Record TRK 210988, Project: NFEJD11/17/2021(5)

1 message

donotreply_from_webfcr@faa.gov <donotreply_from_webfcr@faa.gov>

Mon, Jan 24, 2022 at 2:07 PM

To: jim.davis@uavionix.com

Cc: Rodney.Murphy@faa.gov

Dear jim.davis@uavionix.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210988 is assigned an FAA Coordination number NG T211006 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: SUPPORT OF UAVIONIX TESTING OF C-BAND UAS C2 RADIOS FOR COMPLIANCE WITH RTCA DO-362A AND EVENTUAL TSO-C213A. ONE GROUND STATION WITH SOME LIMITED GROUND MOBILITY UP TO 10 NMI.SIX CHANNELS (M5050.9475;M5051.1625;M5051.3375;M5051.5925;M5052.0225;M5052.4525) WILL BE USED BIRECTIONALLY TO SUPPORT THE TEST OPERATIONS.GRS ANTENNA IS STEERABLE WITH 111 DEGREE HALF-POWER BEAMWIDTH. UAS C2 BANDWIDTH NOT IN COMPLIANCE WITH CHANNEL PLAN.

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 7/23/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:


| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T211006 |
| Frequency | M5051.1625 |
| City | WATFORD CITY |
| State | ND |
| Transmitter Radius | 50 NM |
| Transmitter Latitude | 474806.00N |
| Transmitter Longitude | 1031530.00W |
| Receiver Latitude | 474806.00N |
| Receiver Longitude | 1031530.00W |
| Antenna Type | DIPOLE |

| | |
|--------------|------------|
| Flight Level | 10000 Feet |
|--------------|------------|

Best regards,

FAA Spectrum Engineering Services

2 attachments

 **TRK 210988_NG T211006_Card3_Approved.txt**
2K

 **NTIA-Card3-Descriptions.pdf**
258K