uAvionix

Jim Davis <jim.davis@uavionix.com>

FAA Concurrence of Record TRK 210979, Project: NFEJD11/17/2021(3)

1 message

donotreply_from_webfcr@faa.gov <donotreply_from_webfcr@faa.gov> Mon, Jan 24, 2022 at 2:37 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 210979 is assigned an FAA Coordination number NG T210997 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 T210997
Frequency	M5052.0225
City	ARNEGARD
State	ND
Transmitter Radius	50 NM
Transmitter Latitude	475442.00N
Transmitter Longitude	1032712.00W
Receiver Latitude	475442.00N
Receiver Longitude	1032712.00W
Antenna Type	DIPOLE

Flight Level	10000 Feet

Best regards,

FAA Spectrum Engineering Services

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2 attachments

TRK 210979_NG T210997_Card3_Approved.txt
2K

NTIA-Card3-Descriptions.pdf
258K