

Subject: FAA Concurrence of Record TRK 210309, Project: NFEBB04/26/2021(1)

Dear ben.banks@astronics.com,

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

TRK 210309 is assigned an FAA Coordination number NG T210307 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: EXCLUDE 5100-5150 MHZ AND 5610-5620 MHZ FREQUENCIES AS DIRECTED.

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 11/21/2021; 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 T210307
Frequency	M5100.0000
City	ATLANTA
State	GA
Transmitter Longitude	0842448.00W
Antenna Height	0005
Receiver Latitude	333835.00N
Receiver Longitude	0000000.00W
Antenna Type	BICONICAL

Best regards,

FAA Spectrum Engineering Services

\$\$ADD NG T210307

TYP01 N

DAT01 210525

CLA01 U

FRQ01 M5100.0000

EXD01 211222

STC01 XT

EMS01 1K60P0N

PWR01 W7.92447

XSC01 GA

XAL01 ATLANTA

XLA01 333835N

XLG01 0842448W

XAD01 05GBICONICAL 0002T

XAP01 H

XAZ01 ND

RSC01 GA

RAL01 ATLANTA

RAZ01 ND

BUR01 FCC

BIN01 -

REM01 *FRB,M05100.000000,M05900.000000

REM02 *PRR,200

REM03 *AGN,+NOTCH OUT M5100-M5150,M5610-M5620

REM04 *NTS,M018,FAA ,210525,MEBATE,NG T210307

SUP01 PURPOSE OF THE REQUEST:EMI TESTING: THE PURPOSE OF THE OPERATION IS
TO A

SUP02 SSESS AIRCRAFT SYSTEMS FOR EMI SUSCEPTIBILITY TO THE TRANSMITTED
FREQUEN

SUP03 CIES. POC MATT LUKASIEWICZ, MANAGER, AIRCRAFT CERTIFICATION, 847-821-
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SUP04 00 X 837;;;