

From: donotreply_from_webfcr@faa.gov
To: [Powell, Kenecia](#)
Cc: Rodney.Murphy@faa.gov
Subject: FAA Concurrence of Record TRK 230798, Project: NFEKP10/03/2023(1)
Date: Thursday, October 12, 2023 2:51:44 PM
Attachments: [TRK 230798 NG T230819 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear kenecia.powell@gtri.gatech.edu,

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

TRK 230798 is assigned an FAA Coordination number NG T230819 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: FAA CONCURRENCE WITH THIS OPERATION IS CONDITIONAL ON STRICT COMPLIANCE WITH THE FOLLOWING CONDITIONS: DO NOT ALTER THE POLARIZATION OR THE AZIMUTH OF THE ANTENNA (267.5 DEG); THE WAVEFORM NEEDS TO BE CENTERED ON 1372.5 MHZ; THE -20 DB EMISSION BANDWIDTH CANNOT EXTEND OUTSIDE OF THE REQUESTED 1353-1392 MHZ BAND; AND THE EMISSION MASK IS REQUIRED TO ROLL OFF AT A RATE OF AT LEAST 20 DB PER DECADE. FAILURE TO BE ABLE TO MEET ANY OF THESE CONDITIONS RENDERS THE FAA'S CONCURRENCE NULL AND VOID.

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 4/9/2024; 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 T230819
Frequency	M1353.0000
Upper Frequency	M1392.0000
City	CAZENOVIA
State	NY
Transmitter Radius	3 NM
Transmitter Latitude	425545.05N

Transmitter Longitude	0755319.74W
Antenna Height	16 Feet
Receiver Latitude	425545.05N
Receiver Longitude	0755319.74W
Equipment Type	C,GIT 001
Antenna Type	HORN

Best regards,

FAA Spectrum Engineering Services