

From: donotreply_from_webfcr@faa.gov
To: thomas.a.voltero@raytheon.com
Cc: Rodney.Murphy@faa.gov
Subject: [External] FAA Concurrence of Record TRK 230176, Project: COLLINS EEE RECEIVER TESTING
Date: Friday, February 24, 2023 3:19:33 PM
Attachments: [TRK 230176 NG T230190 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear thomas.a.voltero@raytheon.com,

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

TRK 230176 is assigned an FAA Coordination number NG T230190 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: PER 12/9/2022 FROM AFSMO, THERE IS NO OBJECTION FROM USAF ON THIS OUTDOOR TESTING FOR GPS L2. PROPONENT ACKNOWLEDGES THAT POWER LEVELS ARE NOT IN ACCORDANCE WITH NTIA 8.3.27 GPS RE-RADIATOR TESTING.

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 8/23/2023; 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 T230190
Frequency	M1227.6000
City	CEDAR RAPIDS
State	IA
Transmitter Latitude	421553.00N
Transmitter Longitude	0913555.00W
Antenna Height	8 Feet
Receiver Latitude	421553.00N
Receiver Longitude	0913555.00W

Best regards,

FAA Spectrum Engineering Services

\$\$ADD NG T230190
TYP01 N
DAT01 230224
CLA01 U
FRQ01 M1227.6000
STC01 XD
EMS01 24M00D0N
PWR01 W4.46684
XSC01 IA
XAL01 CEDAR RAPIDS
XLA01 421553N
XLG01 0913555W
XAD01 6.5G 0002T
RSC01 IA
RAL01 CEDAR RAPIDS
RLA01 421553N
RLG01 0913555W
RAD01 6.5G 0002T
BUR01 FCC
BIN01
REM01 *NTS,M018,FAA ,230224,RMURPHY,NG T230190
SUP01 PURPOSE OF THE REQUEST:EEE TESTING OF GPS RECEIVER. THIS TEST WILL NOT I
SUP02 NVOLVE GPS RE-RADIATION.;ADDITIONAL COMMENTS:THIS IS A RE-SUBMISSION OF
SUP03 A PRIOR COORDINATION THAT HAS NOT BEEN ACTED UPON. PRE-COORDINATION HAS
SUP04 BEEN OBTAINED FROM THE DOT AND USAF AS REQUESTED FROM THE PRIOR COORDIN
SUP05 ATION.;;