

Tony Costa

From: Hankins, Danny <dhankins@txtav.com>
Sent: Tuesday, April 25, 2023 9:21 AM
To: Tony Costa
Cc: Wayne Morris
Subject: [EXTERNAL] RE: AFTRCC Coordination

Tony,

AFTRCC does not coordinate GPS L1 or L2 frequencies. I have several dozen experimental licenses for GPS re-radiators at Textron Aviation facilities, and have never received a notice from the FCC to coordinate with AFTRCC for L1 or L2.

I don't have the file number of your application, but assuming the frequencies and emission bandwidth are correct on your application, then perhaps there is a new bug in the FCC's system for flagging frequencies that need coordination.

Thanks,

Dan Hankins

Engineer Spc.

dhankins@txtav.com

P +1.620.332.0432 | **M** +1.620.870.9388

Textron Aviation | One Cessna Blvd. | Independence, Kansas 67301 USA | txtav.com



From: Wayne Morris <5600wayne@gmail.com>
Sent: Tuesday, April 25, 2023 8:00 AM
To: Hankins, Danny <dhankins@txtav.com>
Subject: Fwd: AFTRCC Coordination

----- Forwarded message -----

From: **Tony Costa** <tony.costa@sncorp.com>
Date: Mon, Apr 24, 2023, 4:02 PM
Subject: AFTRCC Coordination
To: wayne.morris@aftrcc.org <wayne.morris@aftrcc.org>

Hi,

I am installing a GPS repeater system in our building for use in providing GPS location data to a UAV on the bench. I have applied to the FCC and input the frequency ranges of the equipment. The application then stated that I need AFTRCC

coordination. Is this truly necessary for a repeater system used indoors? The maximum signal power at 100' outside the nearest external wall of the building is calculated at -141.2 dbm.

Please advise.

Regards,

Anthony M. Costa

Principal Systems Engineer

Sierra Nevada Corporation

Tony.costa@sncorp.com

Work # 256-924-7046

Cell # 240-291-1277

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