FCC,

I represent the Navy and Marine Corps Spectrum Center located at Ft. Meade MD.  We’re seeking favorable coordination to support Coordinated Ionospheric Cubesat Experiment (CIRCE) testing at Wright Patterson, OH.

**The following application is attached for your review:**

**Applicant:** DON

**Start Date:** 02/15/2021 **End Date:** 02/14/2022

**Purpose of Operation:**

Mobile Cubesat command and control (MC3) ground station network uplink to the coordinated

ionospheric cubesat experiment (CIRCE) satellite.

**STOP BUZZER CONTACT:** Yunghsin Chen

**Phone (commercial):** 202-404-4393

**Email:**yunghsin.chen@nrl.navy.mil

**Nature of Service:** EXPERIMENTAL

**Class of Station:** XT

**Station Location(s):**

Wright Patterson, OH centered on LAT/LON (394730N0840312W)

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| --- | --- | --- | --- | --- | --- |
| **Station Class** | **Emission Designator** | **Authorized Power** | **Frequency** | **Antenna Type** | **Antenna Gain** |
| TT | 400KG1D | 30W | 2037.5 MHz | PARABOLIC | 35 dBi |
| TT | 100KG1D | 30W | 2037.5 MHz | PARABOLIC | 35 dBi |

This test will be represented by frequency proposal N 203846.  Specific frequencies in the AM, FM and TV broadcast bands are listed below:

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| **535 kHz to 1700 kHz Frequency Band** | | | | | | | |
| None |  |  |  |  |  |  |  |
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| **50 MHz to 88 MHz Frequency Band** | | | | | | | |
| None |  |  |  |  |  |  |  |
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| **88 MHz to 108 MHz Frequency Band** | | | | | | | |
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| **162 MHz to 174 MHz Frequency Band** | | | | | | | |
| None |  |  |  |  |  |  |  |
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| **174 MHz to 225 MHz Frequency Band** | | | | | | | |
| None |  |  |  |  |  |  |  |
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| **225 MHz to 399.99 MHz Frequency Band** | | | | | | | |
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| **420 MHz to 607 MHz Frequency Band** | | | | | | | |
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| **615 MHz to 960 MHz Frequency Band** | | | | | | | |
| None |  |  |  |  |  |  |  |
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**INSTRUCTIONS:**

1) The Society of Broadcasting Engineers (SBE) has no central contact or office. They are organized by state and in some cases, broken down into state regions.  See the attached link:

<http://www.sbe.org/sections/freq_local.php>

2) Provide this coordination to the appropriate SBE coordinator for that state (and region if so divided)

3) Allow 10 Business days for coordination.  Then send NMSC documentation of E-mail chain of correspondence). This is used to affect coordination with the FCC.

4) A reply is required.  Respond with either concur or non-concur and provide any comment.

5) After 15 business days, forward unresponsive SBE action to NMSC to affect coordination with the FCC.  The FCC will be responsible for contacting the cognizant SBE coordinator(s) to facilitate actions.

Please let me know if there are any questions.

I appreciate your assistance.