

Goodman, Nathan

From: Steve Bottkol <sbottkol@sbgvtv.com>
Sent: Tuesday, January 26, 2016 4:06 PM
To: Goodman, Nathan
Subject: RE: Local frequency coordination

Nathan,

At this time I don't have any reason to believe that the frequencies you have requested should cause interference to any of the broadcast band plans. I would request that you notify me the dates you intent to test, just in case there was a issue. This way we can take immediate actions and prevent continued interference in case it were to happen.

Sincerely,
Steve Bottkol

Steve Bottkol
KOKH FOX25/ KOCB CW34
Director of Engineering & Operations
1228 E. Wilshire Blvd.
Oklahoma City, OK 73111
sbottkol@sbgvtv.com
405.843.2525

SBE Chapter 85/DMA 41
1Ghz & above frequency coordinator
KE5IOB

From: Goodman, Nathan [mailto:goodman@ou.edu]
Sent: Thursday, January 14, 2016 1:44 PM
To: Steve Bottkol
Subject: RE: Local frequency coordination

Hello Steve,

Since I sent this out a little before the holidays, I want to be sure you saw it. Please see below for information on the frequencies and locations.

Thanks,

-Nathan

Nathan A. Goodman
Director of Research, Advanced Radar Research Center
Associate Professor, School of Electrical and Computer Engineering
The University of Oklahoma
110 W. Boyd Street
Norman, OK 73019-1102
Tel: 405-325-0404
Fax: 405-325-7066

goodman@ou.edu

From: Goodman, Nathan
Sent: Wednesday, December 09, 2015 5:39 PM
To: Steve Bottkol
Subject: RE: Local frequency coordination

Hello Steve,

Thanks for your response. Yes, we are talking about frequencies over 1 GHz. Here are the details you've requested:

Frequencies: 8 GHz – 14 GHz

Power Level: 50W

Proposed Locations:

- (1) On top of the National Weather Center at the south end of OU campus
- (2) On top of Sarkeys Energy Center at the north end of the OU campus (maybe)
- (3) On top of Mt. Scott near Lawton, OK (for approximately 1 week in

Dates of Operation: Approximately mid-February 2016 through mid-August 2016

Point of Contact: Myself (Nathan Goodman), cell number: 520-903-4142

Thanks for your help. You have my cell number now, so please feel free to email or call with any more questions.

Thanks,

-Nathan

Nathan A. Goodman
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From: Steve Bottkol [<mailto:sbottkol@sbgvtv.com>]
Sent: Monday, November 16, 2015 12:45 PM
To: Goodman, Nathan <goodman@ou.edu>
Subject: RE: Local frequency coordination

Hi Nathan,

Thank you for reaching out and contacting me. Just so that you are aware, I only handle frequency coordination for the Society of Broadcast Engineers for the 1 GHz and above for Broadcast Television and Radio. I just need to know the following:

What frequency will you be operating at?

Power level of transmission?

Location of operation?

Date(s) of operation?

Point of Contact and phone number of the person that will be at the testing area when transmissions are conducted.

Once I have that information I will reach out to the broadcasters in our DMA to make sure that it will not affect any operations and let you know so you can proceed.

If you have any questions, please feel free to contact me at 405.520.1634 which is my cell.

Steve Bottkol

Steve Bottkol
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SBE Chapter 85/DMA 41
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From: Goodman, Nathan [<mailto:goodman@ou.edu>]

Sent: Monday, November 16, 2015 12:25 PM

To: Steve Bottkol

Subject: Local frequency coordination

Hello Steve,

My name is Nathan Goodman. I'm a Professor in Electrical Engineering at OU and Director of Research for OU's Advanced Radar Research Center.

We have a government-sponsored radar development project that will involve some system demonstration at the end. We are pursuing an FCC experimental license and submitted an FCC application in September. However, we apparently submitted too early, as we were asked to re-submit within 30 days of the requested start date. Moreover, we were asked to "coordinate with the local SBE coordinator and submit an exhibit showing that you will not cause any interference to any non-government licensees in the additional bands above 9 GHz" when we re-apply.

I wasn't familiar with the acronym SBE, but I have assessed that SBE stands for Society of Broadcast Engineers, and I got your name and contact as the local coordinator above 1 GHz for the OKC area. Could you please let me know what I can do to start this coordination process?

Thank you,

-Nathan Goodman

Nathan A. Goodman
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