

From: Craig Mauldin

To: Behnam Ghaffari

Date: November 03, 2020

Subject: FCC File No. 0904-EX-CN-2020

Message:

Mr. Mauldin,

Yes, that is correct.

Sincerely,
Douglas Ayerst
Principal Chief Engineer
SiriusXM Pandora

Mr. Ayerst,

Is the email trail below your consent to allow Raytheon to operate in the 2320-2345 MHz. Raytheon agrees not to operate within 5 Kilometers of Interstate 1-40 in Amboy, CA.

Craig D Mauldin
RF Spectrum Management
RIS Engineering

+1 310-647-8102 (office)
+1 951-741-7232 (cell)
+1 310-647-4191 (fax)
Craig.D.Mauldin@rtx.com
Craig_D_Mauldin@raytheon.com
2000 E. El Segundo Blvd E01/B0149/MSJ153
El Segundo, CA. 90245 USA
www.raytheon.com

Mr. Ayerst,
Raytheon's TUFFHAC Program Office agrees not to radiate within 5 Km of I 40.

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Yes, we agree not to operate in the frequency band 2320-2345 MHz within 5km of the I-40.

Darryn

Darryn and Dennis,
Do you agree to Mr. Ayerst request not to operate frequency band 2320-2345 MHz with-in 5 Km of I-40, if

so SIRIUS XM will consent to using these frequencies during testing. Please see below email.

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Mr. Mauldin,

The operations described in Raytheon's application "FCC Application 0904-EX-CN-2020" would result in interference to our service, especially to the many SiriusXM subscribers traveling along I-40 within this remote test area.

However, if Raytheon will agree not to operate within 5 km of I-40, SiriusXM will consent to the operations presented in this application.

Sincerely,
Douglas Ayerst
Principal Chief Engineer
SiriusXM Pandora
Office: 954-571-4318
Mr. Ayerst and Mr. Blitz
Raytheon RIS is required to obtain written consent from Sirius XM for operations in the 2320-2345 MHz band in Amboy, CA.

For operations in the 2320-2345 band, please obtain a written consent from earth station operators or remove this band. To request this consent, please contact: Douglas Ayerst, Principal Chief Engineer Sirius XM douglas.ayerst@siriusxm.com 954-571-4318 James Blitz, VP and Regulatory Counsel Sirius XM james.blitz@siriusxm.com 202-380-1383

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of 10/28/2020 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108. Program Name: Transition of Ultra-Fast Frequency Hopping Analog Correlator (TUFFHAC)

Location:

State: California

County: San Bernardino

City: Amboy, CA

Lat/Long: 34-33-25N 115-44-42W

Radius: 30 Km

Mobile Ground: Point to Point

Frequency Range: 2194 to 2495MHz

Power: 5 Watts

ERP: 5 Watts

Modulation: GMSK

Antenna Gain: 0-3 dBi

Occupied Bandwidth: 4.25 MHz

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