



Audacy Corp.
340 S. Lemon Ave., Suite 8787
Walnut, CA 91789
<http://audacy.space>
info@audacy.space

September 28, 2018

Subject: Re: Audacy Corporation, ELS File # 0394-EX-CN-2018, correspondence reference # 43881.

Dear Ms. Dortch,

Audacy Corporation ("Audacy") herein responds to the Federal Communications Commission's ("FCC's" or "Commission's") September 13, 2018 letter (correspondence reference number 43881) requesting supplemental information concerning the above-referenced application for an experimental non-geostationary ("NGSO") satellite system. Below please find Audacy's responses to the Commission's questions. Should the Commission staff have further questions or require clarification on any response below, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "James Spicer".

James Spicer
Chief Engineer
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1. Orbital Debris Assessment Report (ODAR)

The ODAR for the Audacy Lynq terminal has been uploaded separately to the FCC's Experimental Licensing System ("ELS") with the filename "Audacy Lynq Orbital Debris Assessment Report.pdf".

2. Spacecap Data File

As requested, the spacecap data file, with filename "Audacy Lynq Spacecap.mdb", has been sent to joseph.hill@fcc.gov and jeanette.spriggs@fcc.gov, cc'ing leann.nguyen@fcc.gov.

3. ITU Cover Letter

Audacy Lynq's ITU Cover Letter has been uploaded separately to the FCC's Experimental Licensing System ("ELS") with the filename "Audacy Lynq ITU Cover Letter.doc".

4. ITU Cost-Recovery Letter

Audacy Lynq's ITU Cost-Recovery Letter has been uploaded separately to the FCC's Experimental Licensing System ("ELS") with the filename "Audacy Lynq ITU Cost-Recovery Letter.pdf".

5. NOAA Approval Letter

Not applicable, as the Audacy Lynq terminal does not have an imaging payload on board.

6. International Amateur Radio Union (IARU) Coordination Letter

Not applicable, as the Audacy Lynq terminal will not operate in Amateur radio bands.

7. Transmitter and Receiver Antennas

		Space Station		Ground Station	
		High-Gain	Low-Gain		
Location		409 km apogee 403 km perigee		38° 00' 25" N 122° 02' 39" W Concord, CA	
Polarization		Left-hand circular	Linear	Left-hand circular	
Orientation		Various (tracking Ground Station)	Nadir-pointing	Various (tracking Space Station)	
Dimension	Peak Gain	dB	14	5	64.8 @ 29.55 GHz
	Beamwidth	°	34.0	95.9	0.10 @ 29.55 GHz
	Azimuth	° CW from N	Various (tracking Ground Station)	N/A (nadir-pointing)	Various (tracking Space Station)
	Elevation	m MSL	409 km apogee 403 km perigee		6
	Height	m MSL			19.4

8. Orbital Characteristics

	Inclination	°	51.64
	Apogee	km	409
	Perigee	km	403
	Period	hr	1.54
	Total		1
# Satellites	Transmitting	-	1
	Receiving		1

9. Person who will terminate system if interference occurs

James Spicer, james.spicer@audacy.space, +1 (650) 999-0331.

10. Point-of-Communication

Ellaine Talle, ellaine.talle@audacy.space, +1 (650) 466-8540.