

AEROSPACE & FLIGHT TEST RADIO COORDINATING COUNCIL®

**616 E. 34th Street North, Wichita, KS 67219
TELEPHONE (316) 821-9516**

Letter of Frequency Recommendation, Experimental

Coordination No. 2403006

To: Galactic Enterprises LLC. 4-8-2024
Attn: Marco Vasquez Ortiz
166 South Roadrunner Parkway, Suite 1C
Las Cruces, NM 88011

This is in reply to your 4/8/2024 letter requesting AFTRCC coordination for Renewal of Experimental License WL2XJI. The locations and/or addresses of the transmitters is/will be:

Location 1

Spaceport America, Sierra County, NM
Fixed Station Coordinates: 32-59-14 N Lat, 106-58-37 W Lon
Mobile: within 185 km of Fixed Coordinates
Max Altitude: 350,000 Feet AGL

Location 2

Mojave Airport, Kern County, CA
Fixed Station Coordinates: 35-02-54 N Lat, 118-08-58 W Lon
Mobile: within 185 km of Fixed Coordinates
Max Altitude: 350,000 Feet AGL

**AFTRCC Recommendation Letter: Galactic Enterprises LLC, P2 of 3
4-8-2024**

Frequencies, emission designators, and maximum transmit power assigned to this recommendation are as follows:

Location 1

Frequency	Power (ERP)	Station Class	Emission(s)
123.275 MHz	16 W	MO	25K0A3E
123.275 MHz	50 W	FX	25K0A3E
123.450 MHz	16 W	MO	25K0A3E
123.450 MHz	50 W	FX	25K0A3E
123.525 MHz	16 W	MO	25K0A3E
123.525 MHz	50 W	FX	25K0A3E

Location 2

Frequency	Power (ERP)	Station Class	Emission(s)
123.225 MHz	16 W	MO	25K0A3E
123.225 MHz	50 W	FX	25K0A3E
123.375 MHz	16 W	MO	25K0A3E
123.375 MHz	50 W	FX	25K0A3E
123.450 MHz	16 W	MO	25K0A3E
123.450 MHz	50 W	FX	25K0A3E

This authorization is valid only during the period May 14, 2024 – Nov 14, 2024.

AFTRCC recommends the FCC add the following restriction(s) to the grant of this authorization:

“Experimental use is secondary to, and must not interfere with, Flight Test operations.

SPECIAL CONDITION: LICENSEE MUST COORDINATE WITH OTHER USERS AS NECESSARY TO MINIMIZE INTERFERENCE.”

AFTRCC Comments:

Virgin Galactic please note that other than ground testing may be required/scheduled for weekends (as discussed with VG attorney) due to great potential for interference to other users within radio line of sight during normal work week.

AFTRCC Recommendation Letter: Galactic Enterprises LLC, P3 of 3

4-8-2024

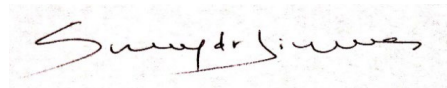
AFTRCC will not coordinate future use of the VHF frequencies listed on this coordination beyond Nov 14, 2024, due to the large interference footprint and congestion with Part 87 licensed users.

This recommendation is advisory only and not binding on you or the FCC. It does not constitute a judgment that the frequency(ies) specified is/are best suited to your purpose or that the assignment is exclusive to your Company. In utilizing this recommendation, the Company agrees to release and hold harmless AFTRCC, its officers, members, agents, and representatives from and against any claims, losses, damages, or expenses that may arise as a result of your Company's use of the frequency(ies) specified.

This recommendation letter will be valid only for a period of 90 days from the date on this letter. If an application for License has not been filed with the Federal Communications Commission within that period, it will be necessary to request a new frequency recommendation.

The original of this letter should be attached/forwarded to your application for a license when it is filed with the Federal Communications Commission.

AFTRCC Frequency Advisory Committee



Sneyder Jimenez
Aerospace & Flight Test Radio Coordinating Council
Tel: 316-213-1587
Email: sneyder.jimenez@aftrcc.org

From: Wayne Morris <5600wayne@gmail.com>

Sent: Monday, April 8, 2024 10:30 AM

To: Marco Vasquez Ortiz <marco.ortiz@virgingalactic.com>

Cc: 'Hankins, Danny' (dhankins@txtav.com) <dhankins@txtav.com>; Chriss Brown <dataentry@aftrcc.org>; AFTRCC (Sneyder) <sneyder.jimenez@aftrcc.org>

Subject: AFTRCC ICN 1257-24/APP-2024-1249 (Virgin Galactic FCC Renewal/WL2XJI-T or C, NM/Mojave, CA)

[EXTERNAL EMAIL]

This Email originated outside of the organization.

DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Wayne Morris <5600wayne@gmail.com>

Apr 1, 2024, 4:06 PM (7 days ago)

to USARMY, Jamie, Gary, Christian

Request both AFC's reply all.

AFTRCC concurs with and requests DoD WSMR AFC and DoD Western AFC concurrence/coordination on the renewal of current FCC license WL2XJI with no modifications requested.

Applicant:

Galactic Enterprises, LLC

166 S. Roadrunner Parkway, Ste. 1C

Las Cruces, NM 88011-7197

POC: Marco Ortiz (575-281-4122)

Part 1 (for DoD WSMR)

Frequencies: (MHz) 1445.5 / 1451.5 / 1462.5 / 1470.5 / 1480.5 / 2360.0 - 2390.0

Station Class: XT/MO

Emissions: 3M75G7W / 17M2G7D (M2360-2390 only)

Power: 10 watts (19.28 dBW ERP) M1445.5/1451.5/1462.5/1470./1480

20 watts (38.56 dBW ERP) M2360-2390

Location: Truth of Consequences, NM (Spaceport America) 32-59-14.0 N 106-59-14.0 W

MIRAD: 185 KM (115 miles)

Maximum flight altitude: 350000',AGL

Dates: 2024-05-14 thru 2024-11-14

AFTRCC comments: renews current license (WL2XJI), no changes requested.

Please reply via return email as to concurrence, non-concurrence, scheduling, or additional comments.

Part 2 (for DoD Western AFC)

Frequencies: (MHz) 1445.5 / 1451.5 / 1462.5 / 1470.5 / 1480.5 / 2360.0 - 2390.0 Station

Class: XT/MO

Emissions: 3M75G7D / 3M70G7D / 17M2G7D

Power: 10 watts (19.28 dBW ERP)

Location: Mojave, CA (Mojave Airport) 35-02-54.0 N 118-08-58.0 W

MIRAD: 185 KM (115 miles)

Maximum flight altitude: 350000',AGL

Dates: 2024-05-14 thru 2024-11-14

AFTRCC comments: renews current license (WL2XJI), no changes requested.

Please reply via return email as to concurrence, non-concurrence, scheduling, or additional comments.

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator



Heaton, Jamie CIV USN (USA)

Apr 1, 2024, 4:19 PM (7 days ago)

to me, USARMY, Gary, christian.canterbury@navy.mil

Wayne,

Contingent upon IFDS scheduling/deconfliction, WAFC concur with AFTRCC ICN 1257-24/APP-2024-1249 (Virgin Galactic FCC Renewal/WL2XJI-T or C, NM/Mojave, CA), WAFC ctrl nbr 24-433.

Thx,

Jamie

Jamie Heaton, CIV
DOD Western Area Frequency Coordinator
M/S 3008 130 Easy Road
China Lake CA 93555
Code DB1130M
Comm: 760-939-6832
DSN: 437-6832
SIPR: Jamie.heaton@navy.smil.mil

Austin, Gary L CIV USARMY NETCOM (USA)

Fri, Apr 5, 1:40 PM (3 days ago)

to me, Timothy, Elizabeth, R

Wayne,

Part 1 (for DoD WSMR)

Frequencies: (MHz) 1445.5 / 1451.5 / 1462.5 / 1470.5 / 1480.5 / 2360.0 - 2390.0

Station Class: XT/MO

Emissions: 3M75G7W / 17M2G7D (M2360-2390 only)

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106-59-14.0 W

MIRAD: 185 KM (115 miles)

Maximum flight altitude: 350000',AGL

Dates: 2024-05-14 thru 2024-11-14

AFTRCC comments: renews current license (WL2XJI), no changes requested.

DoD AFC WSMR comments: Pre-scheduling required via Spaceport America with WSMR Liaison, Conrad Rodriguez, r.c.rodriquez.civ@army.mil Phone 575-678-2076

CONCUR. Coordination control # WS240504

V/R
Gary Austin
DoD Area Frequency Coordinator (WSMR)
NETCOM ACOFS G-3
G-33 Spectrum Branch
White Sands Missile Range, NM
Phone TEAMS: 1-571-644-9873
Phone - Comm: (575) 678-3402
Alt Phone: (575) 678-5417
Phone - DSN: 258-3402
NIPR: gary.l.austin.civ@army.mil
SIPR: gary.l.austin.civ@mail.smil.mil
GROUP E-MAIL: usarmy.wsmr.netcom.mbx.dod-afcwsmr@army.mil
GROUP E-MAIL SIPR: usarmy.wsmr.imcom-central.list.dodafc@mail.smil.mil
<https://www.wsmr.army.mil/testcenter/twso/Pages/DepartmentofDefenseFrequencyCoordinator.aspx>
NETCOM G3 Spectrum URL: :
<https://armyeitaas.sharepoint-mil.us/sites/NETCOM-G3/SitePages/RFM.aspx>

Virgin Galactic please note that other than ground testing may be required/scheduled for weekends (as discussed with VG attorney due to great potential for interference to other users within radio line of sight during normal work week.

This email is your AFTRCC coordination.

This coordination includes this header information, DOD Area Frequency Coordinator comments and AFTRCC comments. These messages must not be separated.

This coordination is advisory only and not binding on the FCC. Applicants are advised that this coordination does not constitute a judgment that the frequency(ies) is best suited for the applicant's purpose nor that the frequency(ies) is exclusive to the applicant. Flight Test frequencies are shared and may require scheduling with other users.

In return for AFTRCC's processing of the applicant's coordination request, the applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, members, and representatives from any claims, losses or expenses that may arise from the use of the frequency.

This coordination is not an authorization to transmit. A copy of this coordination must accompany application to the FCC.

Signed:
Wayne Morris
AFTRCC Telemetry Coordinator