

**From:** WILSON, TERRY L MSgt USAF HAF AF/A2/6LS <[terry.wilson.8@us.af.mil](mailto:terry.wilson.8@us.af.mil)>  
**Sent:** Monday, January 22, 2024 16:08  
**To:** Terry, Ryan N (US) <[ryan.n.terry@lmco.com](mailto:ryan.n.terry@lmco.com)>  
**Subject:** EXTERNAL: RE: Request for MAG coordination / Lockheed Martin Corporation / Army MUOS testing

Good Afternoon,

I will vote them shortly.

V/R,

TERRY L. WILSON, MSgt, USAF  
Manager, Spectrum Assignments Division  
Air Force Spectrum Management Office (AFSMO)  
HQ USAF A2/6LS  
DSN: 312-375-3718  
Comm: (301) 225-3718  
SIPR: [terry.l.wilson162.mil@mail.smil.mil](mailto:terry.l.wilson162.mil@mail.smil.mil)

**From:** Terry, Ryan N (US)  
**Sent:** Monday, January 08, 2024 10:53  
**To:** [Thomas.snead.1@us.af.mil](mailto:Thomas.snead.1@us.af.mil)  
**Subject:** Request for MAG coordination / Lockheed Martin Corporation / Army MUOS testing

Good morning, Tom.

And good wishes to you for the new year.

We have submitted a request to the FCC in connection with a U.S. Army contract to perform over-the-air transmitter testing at its Moorestown, NJ and Huntsville, AL facilities using signals from the MUOS satellite system. The channels that have been selected were prior coordinated with Army spectrum managers and are consistent with the MUOS channel plan.

FCC has requested that we furnish evidence of coordination with the MAG.

The additional details follow:

Locations:

(1) Moorestown New Jersey North 39 58 31 West 74 54 52 199  
Borton Landing Rd

(2) Huntsville Alabama  
Bradford Drive NW

North 34 43 39

West 86 38 45

4800

Frequencies:

Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 302.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	12K5F7D	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 302.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	1M20F7D	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 302.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	25K0F9W	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 302.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	50K0F7D	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 302.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	5M00F7D	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 302.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	8K33F7D	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal
New 307.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	12K5F7D	BPSK/QPSK/16-QAM/64-QAM
Action Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/- )	Emission Designator	Modulating Signal

New	307.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	1M20F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	307.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	25K0F9W	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	307.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	50K0F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	307.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	5M00F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	307.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	8K33F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	312.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	12K5F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	312.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	1M20F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	312.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	25K0F9W	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	312.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	50K0F7D	BPSK/QPSK/16-QAM/64-QAM
<b>Action Frequency</b>		<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/-)</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>

	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	312.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	5M00F7D	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	312.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	8K33F7D	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	317.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	12K5F7D	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	317.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	1M20F7D	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	317.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	25K0F9W	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	317.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	50K0F7D	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	317.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	5M00F7D	BPSK/QPSK/16-QAM/64-QAM
	<b>Action Frequency</b>	<b>Station Class</b>	<b>Output Power/ERP</b>	<b>Mean Peak</b>	<b>Frequency Tolerance (+/- )</b>	<b>Emission Designator</b>	<b>Modulating Signal</b>
New	317.50000000-MHz	FX	20.000000 W 18.500000 W	P	0.00050000 %	8K33F7D	BPSK/QPSK/16-QAM/64-QAM