Testing Laboratory 3787

AFC DUT TEST HARNESS REPORT

FCC ID	: 2AU6R04371
Equipment	: 802.11be (WiFi 7) 5G/6G 2X2 Dual-Radio PTMP CPE, 802.11be (WiFi 7) 5G/6G 2X2 Dual-Radio PTMP Solution
Brand Name	: ZYXEL
Model Name	: Leaf Plus, Root
Applicant	: Zyxel Networks Corporation No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C
Manufacturer	: Zyxel Networks Corporation No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C
Standard	: 47 CFR FCC Part 15.407

The product was received on Jul. 22, 2025, and testing was started from Mar. 09, 2026 and completed on Mar. 14, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in AFC Device (AFC DUT) Compliance Test Plan Version 1.7 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
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History of this test report

Report No.	Version	Description	Issued Date
F3542103	01	Initial issue of report	Aug. 27, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Case Name	Result (PASS/FAIL)	Remark
AFC capability - Inquired Frequency Test Group: Inquired Frequency - Always				
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_40MHz_10641_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_80MHz_10642_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_160MHz_10643_1	N/A	-
-	3.2.4	CT_AFC_FC_STA_AFCDUSA32_Frequency_10644_1	N/A	-
-	3.3.4	CT_AFC_FC_STA_AFCDSAU33_Frequency_10645_1	N/A	-
-	3.4.4	CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_320MHz_10716_1	N/A	-
AFC capability - Inquired Channel Test Group: Inquired Channel - Always				
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Channel_20MHz_10647_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Channel_40MHz_10648_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Channel_80MHz_10649_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Channel_160MHz_10650_1	N/A	-
-	3.2.4	CT_AFC_FC_STA_AFCDUSA32_Channel_10651_1	N/A	-
-	3.3.4	CT_AFC_FC_STA_AFCDSAU33_Channel_10652_1	N/A	-
-	3.4.4	CT_AFC_FC_STA_AFCDUAU34_Channel_10653_1	N/A	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Channel_320MHz_10717_1	N/A	-
AFC capability - Inquired Frequency & Channel Test Group: Inquired Frequency and Channel - Always				
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1	PASS	-
3.2	3.2.4	CT_AFC_FC_STA_AFCDUSA32_FrequencyChannel_10658_1	PASS	-
3.3	3.3.4	CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1	PASS	-
3.4	3.4.4	CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_320MHz_10718_1	PASS	-
AFC capability - Server Validation – Mandatory Test Group: Server Validation - Always				
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_NonMatchSAN_10661_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_DifferentRootCA_10662_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_MatchSuffixSAN_10663_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_ServerCertRevoked_10664_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_OCSPStaplingDisabled_10665_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_StapledOCSPRespExpired_10666_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_TLSCipherSuiteENULL_10667_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_NoRootCA_10668_1	PASS	-

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Wendy Pan

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature of Equipment Under Test	
Power Type	From PoE
EUT Type	☐ Standard Power Access Point with Proxy ☐ Standard Power Access Point without Proxy ☐ Fixed Client with Proxy ☒ Fixed Client without Proxy
Bandwidth (MHz)	20 / 40 / 80 / 160 / 320
Condition of EUT	☐ Indoor ☒ Outdoor
Professional Installation	☒ Yes ☐ No
Firmware Version	MFG.1.00(BSD.0)b03
Software Version	N/A
Hardware Version	N/A
Proxy Firmware Version	N/A
Proxy Software Version	N/A
Proxy Hardware Version	N/A

Note: The above information was declared by manufacturer.

1.2 Antenna Information

Ant.	Port of EUT	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
		5GHz	6GHz					
1	1	2	-	LYNwave	OLA25B-247160-A	Patch Antenna	SMA	Note1
	2	1	-					
	3	-	2					
	4	-	1					

Note 1:

Port of EUT	Antenna Gain (dBi)				
	WLAN 5GHz				
	5150~5250MHz	5250~5350MHz	5470~5650MHz	5650~5800MHz	5800~5850MHz
1	11.1	11.6	10.7	11.3	10.4
2	11.0	10.9	10.8	10.5	10.8
3	-	-	-	-	-
4	-	-	-	-	-

Port of EUT	Antenna Gain (dBi)			
	WLAN 6GHz			
	5925~6125MHz	6125~6525MHz	6525~6825MHz	6825~6875MHz
1	-	-	-	-
2	-	-	-	-
3	10.0	11.4	11.1	11.4
4	10.3	11.3	11.6	10.8

Note2: The above information was declared by manufacturer.

Note 3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

$NSS1(g1,1) = 10^{G1/20}$; $NSS1(g1,2) = 10^{G2/20}$; $NSS1(g1,2) = 10^{G3/20}$; $NSS1(g1,2) = 10^{G4/20}$

$gj,k = (Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

$DG = 10 \log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

5.150-5.250GHz G1= 11.1 dBi ; G2= 11 dBi ;DG= 14.06dBi

5.250-5.350GHz G1= 11.6 dBi ; G2= 10.9 dBi ;DG= 14.27dBi

5.470-5.650GHz G1= 10.7 dBi ; G2= 10.8 dBi ;DG= 13.76dBi

5.650-5.800GHz G1= 11.3 dBi ; G2= 10.5 dBi ;DG= 13.92dBi

5.800-5.850GHz G1= 10.4 dBi ; G2= 10.8 dBi ;DG= 13.61dBi

5.925-6.125GHz G1= 10 dBi ; G2= 10.3 dBi ;DG= 13.16dBi

6.125-6.525GHz G1= 11.4 dBi ; G2= 11.3 dBi ;DG= 14.36dBi

6.525-6.825GHz G1= 11.1 dBi ; G2= 11.6 dBi ;DG= 14.36dBi

6.825-6.875GHz G1= 11.4 dBi ; G2= 10.8 dBi ;DG= 14.12dBi

<For 5GHz function>
For IEEE 802.11a/n/ac/ax/be (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
<For 6GHz function>
For IEEE 802.11ax/be (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

1.3 Table for Multiple Listing

Equipment Name	Model Name	Channel Marketing
802.11be (WiFi 7) 5G/6G 2X2 dual-Radio PTMP CPE	Leaf Plus	Online Channels
802.11be (WiFi 7) 5G/6G 2X2 dual-Radio PTMP Solution	Root	Offline Channels

Note 1: From the above models, model: Leaf Plus was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.4 Accessories

Accessories
Fixed Rack*1 (for antenna used)
Fixed Ring*2

1.5 Support Equipment

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	PoE	GOSPELL	G0720-480-050	N/A
D	Access Point	Zyxel	NWA50BE PRO	N/A

1.6 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15.407

The following reference test guidance is not within the scope of accreditation of TAF.

- AFC Device (AFC DUT) Compliance Test Plan Version 1.7
- FCC KDB 987594 D05 v01r01

1.7 Testing Location

Testing Location Information
Test Lab.：Sporton International Inc. Hsinchu Laboratory Hsinchu (TAF: 3787) ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Caster Chang	20.8~21.3 / 54~57	Mar. 09, 2026~ Mar. 14, 2026

2 Measurement Environment

Measurement Environment Information	
AFC DUT Test Harness version	2.0.65.184

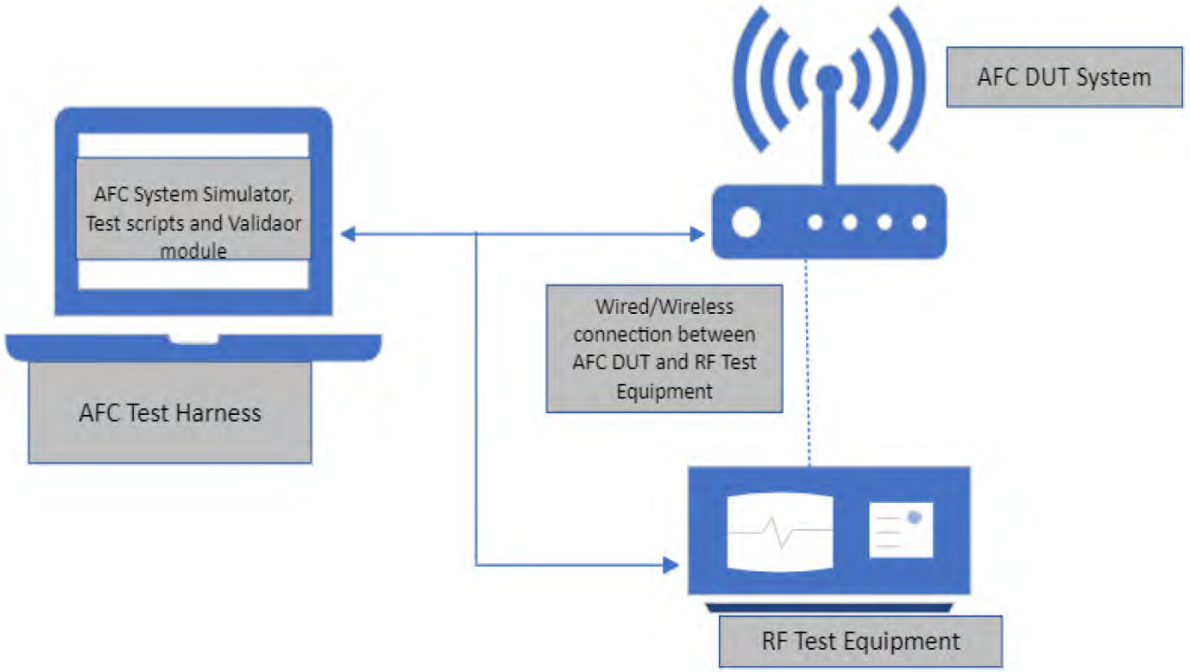
2.1 AFCD General Capabilities Declaration

Item	Question	Vendor Response
1	AFC DUT Type	Fixed Client
2	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Frequency Range field?	Yes
3	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Channels fields?	Yes
4	If the Answer to Items 2 and 3 is "Yes", what is AFC DUT's default inquiry type?	Both
5	Does the AFC DUT need to be supplied with BSS configuration parameters?	No
6	Does the AFC DUT manufacturer attest to AFC DUT compliance with rules for LPI operation?	No
7	Does the AFC DUT need to be supplied with mandatory registration information to formulate an Available Spectrum Inquiry Request	No
8	If the Answer to Item 7 is "Yes". What is the geographic Supported by the AFC DUT?	N/A
9	Does the AFC DUT supports 160 MHz channel width operation?	Yes
10	Which method does AFC DUT acting as a Fixed Client uses for sending an Available Spectrum Inquiry Request?	Out-of-band
11	Does the AFC DUT supports 320 MHz channel width operation?	Yes

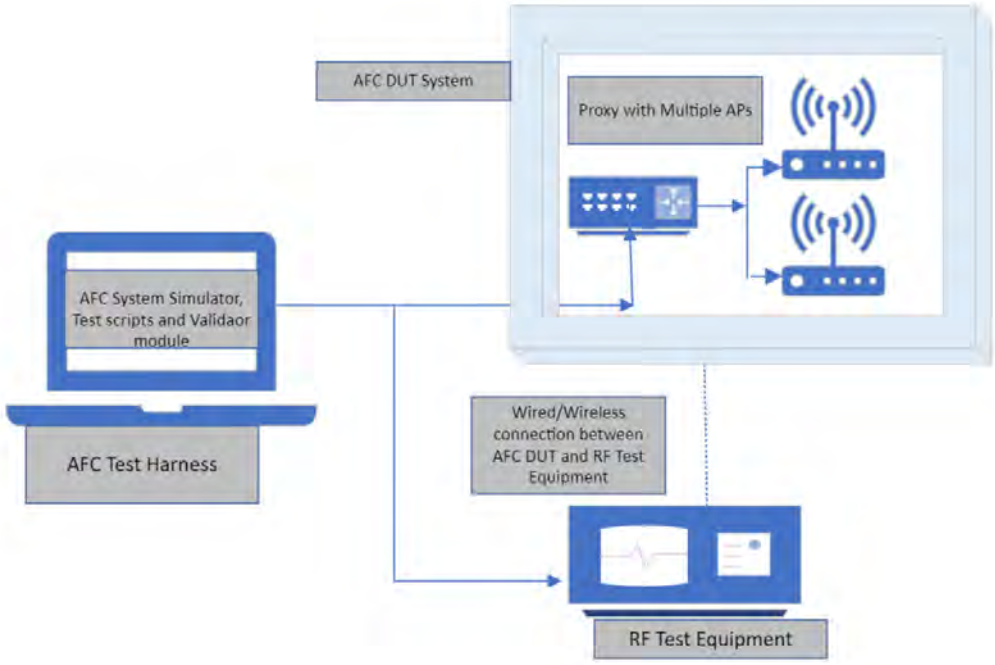
Note: The above information was declared by manufacturer.

2.2 Test Configuration

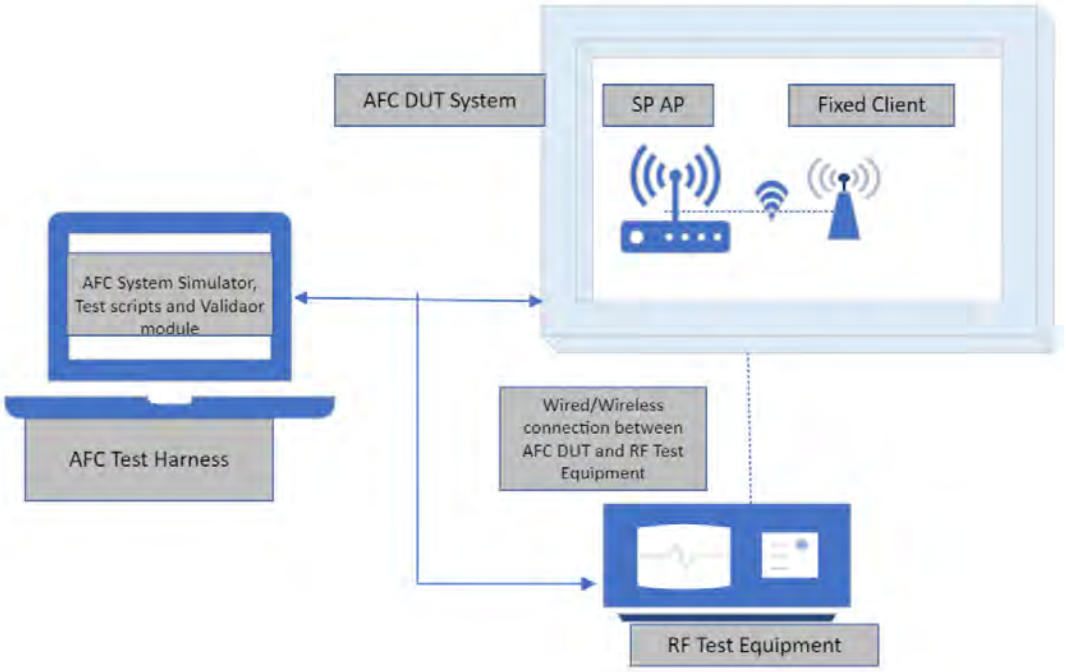
Standard Power Access Point Test Setup



Proxy representing one or more Standard Power Access Points Test Setup



Fixed Client Device Test Setup



3 Protocol Test Results

3.1 Successful Registration and Spectrum Access Request

3.1.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 12
2	AFC DUT set to Initial Pre-test State. If needed (see Table 9 declaration), configure the AFC DUT with BSS parameters per Table 14 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
4	AFC DUT Test Harness validates the presence of mandatory registration information
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
6	Throughout Step 1 to Step 4, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit: • In the band if the AFC DUT supports only SP operation Or • Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: • For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
7	Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
8	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
9	AFC DUT Test Harness validates the presence of mandatory registration information
10	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 5.
11	Wait for 5 minutes (configurable) RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: • For SP only operation, AFC DUT conforms to the conditions contained in the latest Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the latest Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
12	If the AFC DUT is Fixed Client, go to Step 13 else Stop the test
13	The AFC DUT set to Initial Pre-test State.
14	If needed (see Table 9 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods.
15	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
16	AFC DUT Test Harness validates the presence of mandatory registration information
17	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.

18	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
19	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies
20	Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods
21	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
22	AFC DUT Test Harness validates the presence of mandatory registration information
23	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 17.
24	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
25	Wait for 60 seconds (configurable) RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the latest Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies

3.1.2 Test Result

Refer as Appendix A~C

3.2 Unsuccessful Spectrum Access Request

3.2.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 7
2	AFC DUT set to Initial Pre-test State. If needed (see Table 9 declaration), configure the AFC DUT with BSS parameters per Table 14 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
4	AFC DUT Test Harness validates mandatory registration information.
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available.
6	Throughout Step 2 to Step 5 and subsequent to Step 5, RF Test Equipment monitors the output of the AFC DUT to confirm the following: • For SP only operation, AFC DUT does not transmit in the band. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.
7	If the AFC DUT is Fixed Client, go to Step 8 else Stop the test
8	The AFC DUT set to Initial Pre-test State.
9	If needed (see Table 9 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID or IC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
10	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
11	AFC DUT Test Harness validates mandatory registration information.
12	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available using either In-band or Out-of-band methods.
13	If AFC DUT used Out-of-band method, initiate connection procedure between Fixed Client and SP Access Point by following instructions provided by the AFC DUT Vendor
13	Wait for 60 seconds RF Test Equipment monitors that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel.

3.2.2 Test Result

Refer as Appendix A~C

3.3 Successful Spectrum Access Update

3.3.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 12
2	AFC DUT set to Initial Pre-test State. If needed (see Table 9 declaration), configure the DUT with BSS parameters per Table 14 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*.
4	AFC DUT Harness validates mandatory registration information.
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
6	Throughout the preceding steps, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit: • In the band if the AFC DUT supports only SP operation Or • Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: • For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
7	AFC DUT is power cycled. If needed (see Table 9declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate.
8	Wait for 60 seconds If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors the output of the AFC DUT to verify the following and STOP the test • For SP only operation, AFC DUT does not transmit in the band. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits. If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 9
9	AFC DUT Test Harness evaluates validity of mandatory registration information
10	AFC DUT Test Harness waits for 60 seconds before sending an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 5. • During the 60 seconds wait time: ▪ For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, RF Test Equipment monitors the output of the AFC DUT to confirm that AFC DUT does not transmit above LPI threshold limits ▪ For SP only operation, RF Test Equipment monitors the output of the AFC DUT to confirm that AFC DUT doesn't transmit in the band
11	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: • For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. • For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies.
12	If the AFC DUT is Fixed Client, go to Step 13 else Stop the test
13	The AFC DUT set to Initial Pre-test State.

14	If needed (see Table 9 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of- band methods.
15	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
16	AFC DUT Test Harness validates the presence of mandatory registration information
17	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
18	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
19	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies
20	AFC DUT is power cycled. If needed (see Table 9 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate
21	Wait for 60 seconds If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors the output of the AFC DUT to verify the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel and STOP the test. If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 21
22	AFC DUT Test Harness evaluates validity of mandatory registration information
23	AFC DUT Test Harness waits for 60 seconds before sending an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from step 17. During the 60 seconds wait time, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel.
24	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
25	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies

3.3.2 Test Result

Refer as Appendix A~C

3.4 Unsuccessful Spectrum Access Update

3.4.1 Test Procedure

Step	Description
1	If the AFC DUT is Standard Power Access Point, go to Step 2, else go to Step 12
2	AFC DUT set to Initial Pre-test State. If needed (see Table 5 declaration), configure the AFC DUT with BSS parameters per Table 9 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the DUT with AFC System URL and server root certificate. Trigger the DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods.
3	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields.
4	AFC DUT Test Harness validates mandatory registration information
5	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
6	Throughout the Step 2 to 5, RF Test Equipment monitors the output of the AFC DUT to confirm that the AFC DUT does not transmit: • In the band if the AFC DUT supports only SP operation Or • Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: • For SP only operation, AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies. For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, AFC DUT transmit power in the band is less than CEILING [LPI limits, SP limits contained in the Available Spectrum Inquiry Response] and does not exceed emissions limits in adjacent frequencies
7	AFC DUT is power cycled. If needed (see Table 9declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate.
8	Wait for 60 seconds • If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors the output of the DUT to verify the following and STOP the test: ▪ For SP only operation, AFC DUT does not transmit in the band, ▪ For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits. • If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 8
9	AFC DUT Test Harness evaluates validity of mandatory registration information.
10	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available.
11	Throughout Step 7 to 10 and subsequent to Step 10 Test Equipment monitors the output of the AFC DUT to confirm that: For SP only operation, AFC DUT does not transmit in the band. For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.
12	If the AFC DUT is Fixed Client, go to Step 13 else Stop the test
13	The AFC DUT set to Initial Pre-test State.
14	If needed (see Table 9 declaration), configure the DUT with a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate. Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of- band methods.
15	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
16	AFC DUT Test Harness validates the presence of mandatory registration information
17	AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges

	and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields.
18	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
19	Wait for 60 seconds RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies
20	AFC DUT is power cycled. If needed (see Table 9 declaration), configure the AFC DUT with a temporary test regulatory identifier (e.g., FCC ID or IC ID), new geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT with AFC System URL and server root certificate
21	Wait for 60 seconds If the AFC DUT does not send an Available Spectrum Inquiry Request, RF Test Equipment monitors that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel., If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 22 else STOP the test
22	AFC DUT Test Harness evaluates validity of mandatory registration information.
23	AFC DUT Test Harness sends an Available Spectrum Inquiry Response indicating that no frequency ranges and/or channels are available.
24	If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor
25	Wait for 60 seconds RF Test Equipment monitors that the AFC DUT does not transmit above maximum transmit power limits advertised by the Standard Power Access Point for Standard Client Devices in the channel.

3.4.2 Test Result

Refer as Appendix A~C

3.5 Unsuccessful Server Validation

3.5.1 Test Procedure

Step	Description
1	The AFC DUT set to Initial Pre-test State. If needed (see Table 9 declaration), configure the AFC DUT with BSS parameters per Table 14 and a temporary test regulatory identifier (e.g., FCC ID), geographic coordinates, antenna height, and uncertainty parameters. Configure the AFC DUT Test Harness with TLS configuration that is the same as the default configuration defined in Section 2.3.1 except for the following: Run 1: A different server certificate (and private key) with SAN domain name entry "badafc.com" (i.e. that does not match AFC system URL's domain name); signed by the same root certificate as per Section 2.3.1 Run 2: A different server certificate (and private key) where all attributes other than Public Key are the same as the server certificate per Section 2.3.1, but the certificate is signed by a different root certificate Run 3: A different server certificate (and private key) with SAN domain name entry "wfatestorg.org" only (i.e. SAN domain name only matches suffix of AFC server's hostname); signed by the same root certificate as per Section 2.3.1 Run 4: A different server certificate (and private key) where all attributes other than Public Key are the same as the server certificate per Section 2.3.1signed by the same root certificate as per Section 2.3.1, but the server certificate is revoked as indicated in stapled OCSP response Run 5: Same configuration as per Section 2.3.1, except OCSP stapling is disabled and CRL/OCSP servers are not available Run 6: Same configuration as per Section 2.3.1, except stapled OCSP response has expired and CRL/OCSP servers are not available Run 7: Same configuration as per Section 2.3.1, except only the TLS cipher suite "eNULL" (no encryption) is enabled Run 8: N/A (same configuration as per Section 2.3.1) Configure the AFC DUT with the AFC System URL and the following root certificate: Runs 1-7: Root certificate as per Section 2.3.1 Run 8: No root certificate Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of- band methods.
2	AFC DUT Test Harness waits 10 seconds, and verifies no Available Spectrum Inquiry Request is sent to it.
3	Steps 1 and 2 are repeated for each of the remaining Runs

3.5.2 Test Result

Refer as Appendix A

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101026	9kHz~40GHz	Dec. 04, 2025	Dec. 03, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-52	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-53	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-54	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-56	1 GHz –18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Power Divider	MTJ	4 Way	DF01-DV01	1GHz ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -11	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

5 Measurement Uncertainty

Test Items	Uncertainty	Remark
Conducted Emission	2.5 dB	Confidence levels of 95%

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Fixed Client
DUT Vendor Name	ZYXEL
DUT Product Model	Leaf Plus /Root

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_NoRootCA_10668_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_TLSCipherSuiteENULL_10667_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_StapledOCSPRespExpired_10666_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_OCSPStaplingDisabled_10665_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_ServerCertRevoked_10664_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_MatchSuffixSAN_10663_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_DifferentRootCA_10662_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_STA_AFCDUSV35_NonMatchSAN_10661_1 (Unsuccessful server validation)	PASS

15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_320MHz_10718_1 (Successful registration and spectrum access request)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1 (Unsuccessful spectrum access update)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1 (Successful spectrum access update)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)	CT_AFC_FC_STA_AFCDUSA32_FrequencyChannel_10658_1 (Unsuccessful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_NoRootCA_10668_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_TLSCipherSuiteENULL_10667_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_StapledOCSPRespExpired_10666_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_OCSPStaplingDisabled_10665_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_ServerCertRevoked_10664_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_MatchSuffixSAN_10663_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_DifferentRootCA_10662_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_ServerValidation_STA_AFCDUSV35_NonMatchSAN_10661_1 (Unsuccessful server validation)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_320MHz_10718_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (5.6 dBm/MHz PSD, 30.7 dBm EIRP) on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (6.6 dBm/MHz PSD, 31.7 dBm EIRP) on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1 (Unsuccessful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (23 dBm/MHz PSD, 36.0 dBm EIRP) on channel 145 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditons in the Spectrum Inquiry Response	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1 (Successful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (18.2 dBm/MHz PSD, 31.2 dBm EIRP) on channel 73 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

TestCaseName: CT_AFC_FC_STA_AFCDUSA32_FrequencyChannel_10658_1 (Unsuccessful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE	AFC DUT conforms to the conditons in the Spectrum Inquiry Response	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (8.5 dBm/MHz PSD, 30.5 dBm EIRP) on channel center frequency index 15 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (8.9 dBm/MHz PSD, 30.9 dBm EIRP) on channel center frequency index 143 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (12.3 dBm/MHz PSD, 31.3 dBm EIRP) on channel center frequency index 23 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (9.4 dBm/MHz PSD, 28.4 dBm EIRP) on channel center frequency index 135 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (12.7 dBm/MHz PSD, 28.7 dBm EIRP) on channel center frequency index 19 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (11.1 dBm/MHz PSD, 27.1 dBm EIRP) on channel center frequency index 131 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (9.0 dBm/MHz PSD, 22.0 dBm EIRP) on channel 13 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS

AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (20.1 dBm/MHz PSD, 33.1 dBm EIRP) on channel 169 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC capability - Inquired Frequency & Channel

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1

############################## 2026-03-09T09:22:17Z ##############################


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        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
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                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
```

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        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
```

```
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
```

```
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
```

```
                        ]
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-09T09:22:17Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
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                    },
                    "maxPsd": 12.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
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        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.2
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 19.1
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
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        "maxPsd": 15.5
    },
    {
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            "highFrequency": 6225,
            "lowFrequency": 6205
        },
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    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 9.0
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        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
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```
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 17.6
    },
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            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6345
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6365
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    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 14.1
```

```
},
{
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        "lowFrequency": 6405
    },
    "maxPsd": 9.7
},
{
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        "lowFrequency": 6525
    },
    "maxPsd": 11.1
},
{
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        "lowFrequency": 6545
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},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 10.0
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
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    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
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```
            "lowFrequency": 6705
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 14.7
    },
    {
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            "lowFrequency": 6745
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
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            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
```

```
            "maxPsd": 10.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 13.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
```

```
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
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            32.9,
            29.9,
            22.0,
            31.7,
            26.5,
            28.2,
            29.3,
            32.1,
            34.7,
```

```
            31.4,
            24.2,
            28.5,
            32.6,
            22.0,
            34.4,
            23.4,
            31.9,
            30.6,
            31.8,
            21.9,
            33.3,
            27.1,
            22.7,
            24.1,
            21.6,
            27.8,
            23.0,
            33.1,
            25.5,
            32.7,
            31.5,
            33.0,
            31.5,
            27.7,
            31.9,
            28.6,
            22.2,
            23.3,
            32.6,
            26.7
        ]
    },
    {
        "channelCfi": [
            3,
            11,
```

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            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.8,
            25.0,
            29.5,
            31.2,
            35.1,
            27.2,
            31.5,
            25.0,
            26.4,
            33.6,
            24.9,
            25.7,
            24.6,
            26.0,
            28.5,
            34.5,
```

```
                30.7,
                31.6,
                25.2,
                29.7
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.0,
                32.5,
                30.2,
                28.0,
                29.4,
                27.9,
                29.0,
                33.7,
                28.2
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
```

```
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.0,
                        31.0,
                        30.9,
                        32.0
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        34.1,
                        34.0
                    ]
                }
            ],
            "requestId": "2382545438",
            "availabilityExpireTime": "2026-03-10T09:22:17Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-09T09:27:18Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.205",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
```

```
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "2683420157",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
                    {
```

```
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
```

```
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
```

```
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
```

```
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-09T09:27:18Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 12.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 19.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 16.9
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
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```
            "lowFrequency": 6105
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 21.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
```

```
        "maxPsd": 19.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 17.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.8
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 8.9
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 20.3
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
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{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
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            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
```

```
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 19.7
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    {
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            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
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        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 14.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 18.9
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 15.6
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 10.3
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 19.6
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 13.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
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                57,
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                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
```

```
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
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        "maxEirp": [
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            32.9,
            29.9,
            22.0,
            31.7,
            26.5,
            28.2,
            29.3,
            32.1,
            34.7,
            31.4,
            24.2,
            28.5,
            32.6,
            22.0,
            34.4,
            23.4,
            31.9,
            30.6,
            31.8,
```

```
            21.9,
            33.3,
            27.1,
            22.7,
            24.1,
            21.6,
            27.8,
            23.0,
            33.1,
            25.5,
            32.7,
            31.5,
            33.0,
            31.5,
            27.7,
            31.9,
            28.6,
            22.2,
            23.3,
            32.6,
            26.7
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
```

```
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.8,
            25.0,
            29.5,
            31.2,
            35.1,
            27.2,
            31.5,
            25.0,
            26.4,
            33.6,
            24.9,
            25.7,
            24.6,
            26.0,
            28.5,
            34.5,
            30.7,
            31.6,
            25.2,
            29.7
        ]
    },
    {
        "channelCfi": [
            7,
            23,
```

```
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.0,
            32.5,
            30.2,
            28.0,
            29.4,
            27.9,
            29.0,
            33.7,
            28.2
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.0,
            31.0,
            30.9,
            32.0
        ]
    },
    {
```

```
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        34.1,
                        34.0
                    ]
                }
            ],
            "requestId": "2683420157",
            "availabilityExpireTime": "2026-03-10T09:27:18Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-09T09:32:20Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.205",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "2984790697",
                "deviceDescriptor": {
```

```
        "serialNumber": "3404995130",
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
```

"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,

```
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
```

```
                                23,
                                39,
                                55,
                                71,
                                87,
                                135,
                                151,
                                167
                            ]
                        },
                        {
                            "globalOperatingClass": 134,
                            "channelCfi": [
                                15,
                                47,
                                79,
                                143
                            ]
                        },
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63
                            ]
                        }
                    ],
                    "minDesiredPower": -10
                }
            ]
        }
}

############################## 2026-03-09T09:32:20Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
```

```
"response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
```

```
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 21.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 15.5
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 19.6
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 9.0
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
```

```
            "lowFrequency": 6345
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 14.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
```

```
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 19.7
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 14.7
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 18.9
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 15.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 9.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 10.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 13.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
```

1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,

```
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            25.8,
            32.9,
            29.9,
            22.0,
            31.7,
            26.5,
            28.2,
            29.3,
            32.1,
            34.7,
            31.4,
            24.2,
            28.5,
            32.6,
            22.0,
            34.4,
            23.4,
            31.9,
            30.6,
            31.8,
            21.9,
            33.3,
            27.1,
            22.7,
            24.1,
            21.6,
            27.8,
            23.0,
            33.1,
            25.5,
```

```
                32.7,
                31.5,
                33.0,
                31.5,
                27.7,
                31.9,
                28.6,
                22.2,
                23.3,
                32.6,
                26.7
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
```

```
        "maxEirp": [
            28.8,
            25.0,
            29.5,
            31.2,
            35.1,
            27.2,
            31.5,
            25.0,
            26.4,
            33.6,
            24.9,
            25.7,
            24.6,
            26.0,
            28.5,
            34.5,
            30.7,
            31.6,
            25.2,
            29.7
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
```

```
                28.0,
                32.5,
                30.2,
                28.0,
                29.4,
                27.9,
                29.0,
                33.7,
                28.2
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.0,
                31.0,
                30.9,
                32.0
            ]
        },
        {
            "channelCfi": [
                31,
                63
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                34.1,
                34.0
            ]
        }
```

```
            ],
            "requestId": "2984790697",
            "availabilityExpireTime": "2026-03-10T09:32:20Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-09T09:35:28Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.205",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3174003040",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
```

```
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
```

```
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
```

```
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
```

```
                    {
                        "globalOperatingClass": 134,
                        "channelCfi": [
                            15,
                            47,
                            79,
                            143
                        ]
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-09T09:35:28Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
```

```
        "maxPsd": 18.0
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 18.7
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 17.4
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
```

```
        },
        "maxPsd": 19.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 15.4
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 11.4
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 12.6
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 14.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
```

```
            "lowFrequency": 6685
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 17.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
```

```
            "maxPsd": 20.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 12.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 9.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 19.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
```

```
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            31.0,
            23.4,
            25.3,
```

26.5,
28.4,
31.7,
22.0,
30.4,
23.5,
23.6,
22.7,
32.3,
27.9,
31.2,
30.1,
23.3,
32.0,
28.4,
28.2,
32.9,
21.5,
21.7,
28.4,
24.6,
29.9,
24.4,
25.6,
31.7,
30.4,
27.3,
23.5,
23.6,
23.4,
30.2,
34.4,
32.2,
23.4,
33.1,
25.2,
22.6,

```
            32.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            26.4,
            28.3,
            31.4,
            25.0,
            26.5,
            25.7,
            30.9,
            26.3,
            31.4,
```

```
                31.2,
                24.5,
                27.6,
                27.4,
                33.4,
                26.5,
                26.4,
                33.2,
                26.4,
                28.2,
                25.6
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                29.4,
                28.0,
                28.7,
                29.3,
                34.2,
                27.5,
                29.5,
                29.4,
                29.4
            ]
```

```
                },
                {
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.0,
                        31.7,
                        30.5,
                        32.4
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        34.1,
                        33.6
                    ]
                }
            ],
            "requestId": "3174003040",
            "availabilityExpireTime": "2026-03-10T09:35:28Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1


```
############################## 2026-03-11T07:48:12Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "2925383357",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-11T07:48:12Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 14.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.2
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 21.8
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 13.3
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 12.7
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 9.3
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
```

```
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 20.8
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 15.5
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 10.3
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
```

```
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 9.0
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 8.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
```

```
        73,
        77,
        81,
        85,
        89,
        93,
        117,
        121,
        125,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157,
        161,
        165,
        169,
        173,
        177,
        181
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        27.9,
        29.2,
        34.8,
        26.3,
        32.5,
        25.7,
        22.3,
        27.8,
        33.8,
        22.7,
        32.2,
```

```
            24.1,
            22.3,
            23.7,
            22.5,
            24.5,
            25.7,
            26.0,
            23.0,
            35.0,
            31.3,
            29.3,
            33.8,
            28.5,
            26.9,
            23.3,
            21.3,
            24.0,
            23.1,
            34.0,
            25.8,
            32.1,
            24.3,
            26.2,
            34.6,
            27.2,
            21.6,
            21.5,
            22.0,
            23.8,
            21.4
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
```

```
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.9,
            29.3,
            28.7,
            25.3,
            25.7,
            27.1,
            25.3,
            25.5,
            28.7,
            26.0,
            32.3,
            31.5,
            24.3,
            26.1,
            28.8,
            27.3,
            29.2,
```

```
                24.6,
                24.5,
                24.4
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                32.3,
                28.3,
                28.7,
                28.3,
                29.0,
                34.5,
                29.1,
                30.3,
                27.5
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.3,
                        31.3,
                        32.0,
                        32.1
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        34.4,
                        34.4
                    ]
                }
            ],
            "requestId": "2925383357",
            "availabilityExpireTime": "2026-03-12T07:48:12Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T07:53:13Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3226243111",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5945,
```

```
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
```

```
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
```

```
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
    "minDesiredPower": -10
```

```
            }
        ]
    }
}

############################## 2026-03-11T07:53:13Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 14.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 21.8
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
```

```
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 10.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 11.5
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 12.7
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 13.0
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 10.0
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 22.0
    },
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            "lowFrequency": 6345
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6365
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        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6385
        },
        "maxPsd": 20.8
    },
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            "lowFrequency": 6405
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
```

```
            "lowFrequency": 6525
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6545
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
```

```
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
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    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 21.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 8.6
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 8.5
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 10.8
},
{
    "frequencyRange": {
```

```
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                "lowFrequency": 6845
            },
            "maxPsd": 8.4
        }
    ],
    "availableChannelInfo": [
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                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
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                41,
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                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
```

```
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            27.9,
            29.2,
            34.8,
            26.3,
            32.5,
            25.7,
            22.3,
            27.8,
            33.8,
            22.7,
            32.2,
            24.1,
            22.3,
            23.7,
            22.5,
            24.5,
            25.7,
            26.0,
            23.0,
            35.0,
            31.3,
```

```
            29.3,
            33.8,
            28.5,
            26.9,
            23.3,
            21.3,
            24.0,
            23.1,
            34.0,
            25.8,
            32.1,
            24.3,
            26.2,
            34.6,
            27.2,
            21.6,
            21.5,
            22.0,
            23.8,
            21.4
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
```

```
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.9,
            29.3,
            28.7,
            25.3,
            25.7,
            27.1,
            25.3,
            25.5,
            28.7,
            26.0,
            32.3,
            31.5,
            24.3,
            26.1,
            28.8,
            27.3,
            29.2,
            24.6,
            24.5,
            24.4
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
```

```
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.3,
            28.3,
            28.7,
            28.3,
            29.0,
            34.5,
            29.1,
            30.3,
            27.5
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.3,
            31.3,
            32.0,
            32.1
        ]
    },
    {
        "channelCfi": [
```

```
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        34.4,
                        34.4
                    ]
                }
            ],
            "requestId": "3226243111",
            "availabilityExpireTime": "2026-03-12T07:53:13Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T07:58:14Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3527219076",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
```

```
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
```

"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
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49,
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57,
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65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
```

```
                                39,
                                55,
                                71,
                                87,
                                135,
                                151,
                                167
                            ]
                        },
                        {
                            "globalOperatingClass": 134,
                            "channelCfi": [
                                15,
                                47,
                                79,
                                143
                            ]
                        },
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63
                            ]
                        }
                    ],
                    "minDesiredPower": -10
                }
            ]
        }
}

############################## 2026-03-11T07:58:14Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
```

```
        "responseCode": 0,
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 5965,
                "lowFrequency": 5945
            },
            "maxPsd": 14.9
        },
        {
            "frequencyRange": {
                "highFrequency": 5985,
                "lowFrequency": 5965
            },
            "maxPsd": 16.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6005,
                "lowFrequency": 5985
            },
            "maxPsd": 21.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6025,
                "lowFrequency": 6005
            },
            "maxPsd": 13.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6045,
                "lowFrequency": 6025
            },
```

```
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 9.7
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 19.2
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 11.1
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 9.3
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 10.7
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
```

```
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 10.3
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 12.8
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 21.6
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    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
```

```
                "lowFrequency": 6765
            },
            "maxPsd": 8.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 8.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 9.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 8.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
```

5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,

```
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            27.9,
            29.2,
            34.8,
            26.3,
            32.5,
            25.7,
            22.3,
            27.8,
            33.8,
            22.7,
            32.2,
            24.1,
            22.3,
            23.7,
            22.5,
            24.5,
            25.7,
            26.0,
            23.0,
            35.0,
            31.3,
            29.3,
            33.8,
            28.5,
            26.9,
            23.3,
            21.3,
            24.0,
            23.1,
            34.0,
            25.8,
```

```
                32.1,
                24.3,
                26.2,
                34.6,
                27.2,
                21.6,
                21.5,
                22.0,
                23.8,
                21.4
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
```

```
            30.9,
            29.3,
            28.7,
            25.3,
            25.7,
            27.1,
            25.3,
            25.5,
            28.7,
            26.0,
            32.3,
            31.5,
            24.3,
            26.1,
            28.8,
            27.3,
            29.2,
            24.6,
            24.5,
            24.4
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.3,
```

```
                28.3,
                28.7,
                28.3,
                29.0,
                34.5,
                29.1,
                30.3,
                27.5
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.3,
                31.3,
                32.0,
                32.1
            ]
        },
        {
            "channelCfi": [
                31,
                63
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                34.4,
                34.4
            ]
        }
    ],
```

```
            "requestId": "3527219076",
            "availabilityExpireTime": "2026-03-12T07:58:14Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T08:03:15Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3828168909",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
```

```
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
```

```
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
```

```
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
```

```
                    "globalOperatingClass": 134,
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ]
                },
                {
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63
                    ]
                }
            ],
            "minDesiredPower": -10
        }
    ]
  }
}

############################## 2026-03-11T08:03:15Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.9
```

```
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 21.8
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 13.3
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 12.7
},
{
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        "frequencyRange": {
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            "lowFrequency": 6065
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
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    {
        "frequencyRange": {
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            "lowFrequency": 6145
        },
        "maxPsd": 19.2
    },
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        "maxPsd": 11.1
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            "lowFrequency": 6185
        },
        "maxPsd": 9.3
    },
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            "lowFrequency": 6205
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        "maxPsd": 10.7
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        },
        "maxPsd": 11.5
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            "lowFrequency": 6265
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        "frequencyRange": {
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            "lowFrequency": 6285
        },
        "maxPsd": 13.0
    },
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            "lowFrequency": 6305
        },
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            "lowFrequency": 6325
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        "maxPsd": 22.0
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        "frequencyRange": {
            "highFrequency": 6365,
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    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 16.3
    },
```

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{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 20.8
},
{
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        "lowFrequency": 6405
    },
    "maxPsd": 15.5
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        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
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{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
```

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            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
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            "lowFrequency": 6645
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            "lowFrequency": 6665
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
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        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 13.2
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            "lowFrequency": 6725
        },
        "maxPsd": 21.6
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    {
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            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 8.5
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 9.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 8.4
        }
    ],
    "availableChannelInfo": [
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            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            27.9,
            29.2,
            34.8,
            26.3,
```

32.5,
25.7,
22.3,
27.8,
33.8,
22.7,
32.2,
24.1,
22.3,
23.7,
22.5,
24.5,
25.7,
26.0,
23.0,
35.0,
31.3,
29.3,
33.8,
28.5,
26.9,
23.3,
21.3,
24.0,
23.1,
34.0,
25.8,
32.1,
24.3,
26.2,
34.6,
27.2,
21.6,
21.5,
22.0,
23.8,
21.4

```
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.9,
            29.3,
            28.7,
            25.3,
            25.7,
            27.1,
            25.3,
            25.5,
            28.7,
            26.0,
```

```
                32.3,
                31.5,
                24.3,
                26.1,
                28.8,
                27.3,
                29.2,
                24.6,
                24.5,
                24.4
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                32.3,
                28.3,
                28.7,
                28.3,
                29.0,
                34.5,
                29.1,
                30.3,
                27.5
            ]
        },
```

```
                {
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.3,
                        31.3,
                        32.0,
                        32.1
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        34.4,
                        34.4
                    ]
                }
            ],
            "requestId": "3828168909",
            "availabilityExpireTime": "2026-03-12T08:03:15Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T08:06:26Z ##############################
{
```

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"headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.100.153",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1255",
    "Connection": "Keep-Alive"
},
"body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "4018991312",
            "deviceDescriptor": {
                "serialNumber": "3404995130",
                "certificationId": [
                    {
                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                        "id": "2AU6R04371"
                    }
                ]
            },
            "location": {
                "ellipse": {
                    "center": {
                        "longitude": -121.893028,
                        "latitude": 37.33548
                    },
                    "majorAxis": 15,
                    "minorAxis": 18,
                    "orientation": 27
                },
                "elevation": {
                    "height": 80.0,
                    "heightType": "AMSL",
```

```
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
```

```
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
```

```
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
```

```
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-11T08:06:26Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 14.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 18.2
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 8.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 18.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 12.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 17.5
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 14.0
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
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    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
```

```
            "lowFrequency": 6405
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
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        "maxPsd": 16.1
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        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
```

```
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 13.5
    },
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            "lowFrequency": 6645
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 15.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 14.9
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 14.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 12.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
```

85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181
],
"globalOperatingClass": 131,
"maxEirp": [
27.7,
31.2,
34.3,
31.6,
33.3,
21.9,
24.8,
31.3,
21.0,
30.4,
31.0,
29.7,
25.4,
30.7,

```
            30.5,
            25.1,
            23.9,
            27.0,
            27.0,
            23.6,
            31.5,
            26.9,
            33.4,
            34.2,
            30.3,
            30.3,
            29.1,
            24.1,
            28.4,
            26.5,
            22.3,
            30.1,
            25.5,
            28.6,
            27.9,
            29.9,
            34.6,
            29.0,
            22.5,
            27.2,
            25.7
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
```

```
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.7,
            34.6,
            24.9,
            27.8,
            24.0,
            32.7,
            28.4,
            28.1,
            26.9,
            26.6,
            29.9,
            36.0,
            32.1,
            27.1,
            25.3,
            28.5,
            30.9,
            32.9,
            25.5,
            28.7
```

```
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            33.7,
            27.9,
            27.0,
            31.1,
            29.6,
            32.9,
            28.3,
            31.5,
            28.5
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.9,
```

```
                        30.0,
                        32.6,
                        31.3
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.1,
                        33.1
                    ]
                }
            ],
            "requestId": "4018991312",
            "availabilityExpireTime": "2026-03-12T08:06:26Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T08:11:27Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1253",
        "Connection": "Keep-Alive"
    },
```

```
"body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "24867494",
            "deviceDescriptor": {
                "serialNumber": "3404995130",
                "certificationId": [
                    {
                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                        "id": "2AU6R04371"
                    }
                ]
            },
            "location": {
                "ellipse": {
                    "center": {
                        "longitude": -121.893028,
                        "latitude": 37.33548
                    },
                    "majorAxis": 15,
                    "minorAxis": 18,
                    "orientation": 27
                },
                "elevation": {
                    "height": 80.0,
                    "heightType": "AMSL",
                    "verticalUncertainty": 2
                },
                "indoorDeployment": 2
            },
            "inquiredFrequencyRange": [
                {
                    "lowFrequency": 5945,
                    "highFrequency": 6425
                },
                {
```

```
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
```

```
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
```

```
                ]
            },
            {
                "globalOperatingClass": 133,
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                    7,
                    23,
                    39,
                    55,
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                    87,
                    135,
                    151,
                    167
                ]
            },
            {
                "globalOperatingClass": 134,
                "channelCfi": [
                    15,
                    47,
                    79,
                    143
                ]
            },
            {
                "globalOperatingClass": 137,
                "channelCfi": [
                    31,
                    63
                ]
            }
        ],
        "minDesiredPower": -10
    }
  ]
}
```

```
}

############################## 2026-03-11T08:11:27Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 14.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 18.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 21.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
                    },
```

```
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
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    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 8.0
    },
```

```
{
    "frequencyRange": {
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        "lowFrequency": 6125
    },
    "maxPsd": 17.4
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{
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        "lowFrequency": 6145
    },
    "maxPsd": 18.0
},
{
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        "lowFrequency": 6165
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
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        "lowFrequency": 6185
    },
    "maxPsd": 12.4
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{
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        "lowFrequency": 6205
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
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            "lowFrequency": 6225
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    },
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            "lowFrequency": 6265
        },
        "maxPsd": 10.9
    },
    {
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            "lowFrequency": 6285
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
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        },
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        },
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    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 17.3
```

```
},
{
    "frequencyRange": {
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        "lowFrequency": 6545
    },
    "maxPsd": 17.3
},
{
    "frequencyRange": {
        "highFrequency": 6585,
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},
{
    "frequencyRange": {
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        "lowFrequency": 6585
    },
    "maxPsd": 11.1
},
{
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        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 15.4
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 13.5
},
{
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        "frequencyRange": {
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            "lowFrequency": 6645
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
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        "maxPsd": 15.6
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    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
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```
            "lowFrequency": 6745
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
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        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6845
        },
```

```
            "maxPsd": 12.7
        }
    ],
    "availableChannelInfo": [
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            "channelCfi": [
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                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
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                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
```

```
        145,
        149,
        153,
        157,
        161,
        165,
        169,
        173,
        177,
        181
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        27.7,
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        34.3,
        31.6,
        33.3,
        21.9,
        24.8,
        31.3,
        21.0,
        30.4,
        31.0,
        29.7,
        25.4,
        30.7,
        30.5,
        25.1,
        23.9,
        27.0,
        27.0,
        23.6,
        31.5,
        26.9,
        33.4,
        34.2,
```

```
                30.3,
                30.3,
                29.1,
                24.1,
                28.4,
                26.5,
                22.3,
                30.1,
                25.5,
                28.6,
                27.9,
                29.9,
                34.6,
                29.0,
                22.5,
                27.2,
                25.7
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
```

```
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.7,
            34.6,
            24.9,
            27.8,
            24.0,
            32.7,
            28.4,
            28.1,
            26.9,
            26.6,
            29.9,
            36.0,
            32.1,
            27.1,
            25.3,
            28.5,
            30.9,
            32.9,
            25.5,
            28.7
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
```

```
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            33.7,
            27.9,
            27.0,
            31.1,
            29.6,
            32.9,
            28.3,
            31.5,
            28.5
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.9,
            30.0,
            32.6,
            31.3
        ]
    },
    {
        "channelCfi": [
            31,
            63
        ],
```

```
                        "globalOperatingClass": 137,
                        "maxEirp": [
                            33.1,
                            33.1
                        ]
                    }
                ],
                "requestId": "24867494",
                "availabilityExpireTime": "2026-03-12T08:11:27Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1


```
############################## 2026-03-11T08:21:28Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "626755854",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

##############################    2026-03-11T08:21:29Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
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                        "lowFrequency": 5945
                    },
                    "maxPsd": 13.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 21.5
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 16.6
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 15.0
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 21.9
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 15.5
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 17.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
```

```
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
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    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.5
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 14.6
},
{
    "frequencyRange": {
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        "lowFrequency": 6525
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
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        "lowFrequency": 6565
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{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 14.3
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
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    },
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        "frequencyRange": {
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            "lowFrequency": 6685
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
```

```
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
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        },
        "maxPsd": 9.1
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            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 11.6
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
```

```
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            26.6,
            34.5,
            29.6,
            28.7,
            28.0,
            34.9,
            28.5,
            25.3,
            33.4,
            28.0,
            34.5,
```

```
            33.1,
            28.7,
            30.8,
            26.5,
            32.3,
            24.3,
            29.7,
            27.7,
            27.0,
            22.4,
            34.1,
            34.5,
            27.6,
            23.6,
            27.0,
            25.8,
            27.3,
            27.2,
            24.0,
            31.2,
            27.0,
            30.0,
            28.9,
            22.1,
            33.9,
            31.6,
            22.2,
            24.6,
            32.4,
            25.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
```

```
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.6,
            31.7,
            31.0,
            28.3,
            31.0,
            36.0,
            31.7,
            29.5,
            27.3,
            30.0,
            25.4,
            30.6,
            28.8,
            30.2,
            27.0,
            30.0,
            25.1,
```

```
                34.6,
                25.2,
                28.6
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                32.6,
                31.3,
                34.0,
                32.5,
                30.3,
                28.4,
                30.0,
                28.1,
                28.2
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        34.3,
                        35.5,
                        31.4,
                        31.1
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        36.0,
                        34.5
                    ]
                }
            ],
            "requestId": "626755854",
            "availabilityExpireTime": "2026-03-12T08:21:29Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T08:21:49Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "647696642",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5945,
```

```
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
```

```
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
```

```
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
    "minDesiredPower": -10
```

```
            }
        ]
    }
}

############################## 2026-03-11T08:21:49Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 13.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 21.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 16.6
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
```

```
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 17.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 19.3
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 14.7
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
```

```
            "lowFrequency": 6525
        },
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 14.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
```

```
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 9.1
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 18.6
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 19.4
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
```

```
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            26.6,
            34.5,
            29.6,
            28.7,
            28.0,
            34.9,
            28.5,
            25.3,
            33.4,
            28.0,
            34.5,
            33.1,
            28.7,
            30.8,
            26.5,
            32.3,
            24.3,
            29.7,
            27.7,
            27.0,
            22.4,
```

```
            34.1,
            34.5,
            27.6,
            23.6,
            27.0,
            25.8,
            27.3,
            27.2,
            24.0,
            31.2,
            27.0,
            30.0,
            28.9,
            22.1,
            33.9,
            31.6,
            22.2,
            24.6,
            32.4,
            25.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
```

```
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.6,
            31.7,
            31.0,
            28.3,
            31.0,
            36.0,
            31.7,
            29.5,
            27.3,
            30.0,
            25.4,
            30.6,
            28.8,
            30.2,
            27.0,
            30.0,
            25.1,
            34.6,
            25.2,
            28.6
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
```

```
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.6,
            31.3,
            34.0,
            32.5,
            30.3,
            28.4,
            30.0,
            28.1,
            28.2
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            34.3,
            35.5,
            31.4,
            31.1
        ]
    },
    {
        "channelCfi": [
```

```
                    31,
                    63
                ],
                "globalOperatingClass": 137,
                "maxEirp": [
                    36.0,
                    34.5
                ]
            }
        ],
        "requestId": "647696642",
        "availabilityExpireTime": "2026-03-12T08:21:49Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2026-03-11T08:26:50Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "948459248",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
```

```
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
```

"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
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45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
```

```
                                39,
                                55,
                                71,
                                87,
                                135,
                                151,
                                167
                            ]
                        },
                        {
                            "globalOperatingClass": 134,
                            "channelCfi": [
                                15,
                                47,
                                79,
                                143
                            ]
                        },
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63
                            ]
                        }
                    ],
                    "minDesiredPower": -10
                }
            ]
        }
}

############################## 2026-03-11T08:26:50Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
```

```
        "responseCode": 0,
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 5965,
                "lowFrequency": 5945
            },
            "maxPsd": 13.6
        },
        {
            "frequencyRange": {
                "highFrequency": 5985,
                "lowFrequency": 5965
            },
            "maxPsd": 21.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6005,
                "lowFrequency": 5985
            },
            "maxPsd": 16.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6025,
                "lowFrequency": 6005
            },
            "maxPsd": 15.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6045,
                "lowFrequency": 6025
            },
```

```
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 15.0
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 21.5
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 20.1
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 17.8
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
```

```
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 14.0
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 12.8
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 14.3
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 18.2
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
```

```
                "lowFrequency": 6765
            },
            "maxPsd": 18.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 9.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 11.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
```

5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,

```
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            26.6,
            34.5,
            29.6,
            28.7,
            28.0,
            34.9,
            28.5,
            25.3,
            33.4,
            28.0,
            34.5,
            33.1,
            28.7,
            30.8,
            26.5,
            32.3,
            24.3,
            29.7,
            27.7,
            27.0,
            22.4,
            34.1,
            34.5,
            27.6,
            23.6,
            27.0,
            25.8,
            27.3,
            27.2,
            24.0,
            31.2,
```

```
                27.0,
                30.0,
                28.9,
                22.1,
                33.9,
                31.6,
                22.2,
                24.6,
                32.4,
                25.6
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
```

```
            29.6,
            31.7,
            31.0,
            28.3,
            31.0,
            36.0,
            31.7,
            29.5,
            27.3,
            30.0,
            25.4,
            30.6,
            28.8,
            30.2,
            27.0,
            30.0,
            25.1,
            34.6,
            25.2,
            28.6
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.6,
```

```
                31.3,
                34.0,
                32.5,
                30.3,
                28.4,
                30.0,
                28.1,
                28.2
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                34.3,
                35.5,
                31.4,
                31.1
            ]
        },
        {
            "channelCfi": [
                31,
                63
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                36.0,
                34.5
            ]
        }
    ],
```

```
            "requestId": "948459248",
            "availabilityExpireTime": "2026-03-12T08:26:50Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T08:30:51Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1189441626",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
```

```
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
```

```
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
```

```
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
```

```
                    "globalOperatingClass": 134,
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ]
                },
                {
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63
                    ]
                }
            ],
            "minDesiredPower": -10
        }
    ]
}
}
```


############################## 2026-03-11T08:30:51Z ##############################


```
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 8.5
```

```
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 13.8
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 9.9
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
```

```
            "lowFrequency": 6165
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 16.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
```

```
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 12.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.3
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 17.8
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 13.6
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
```

```
        },
        "maxPsd": 12.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 10.5
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 19.9
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            21.5,
            21.2,
            26.8,
            26.9,
```

34.7,
22.9,
21.4,
27.9,
22.4,
31.8,
28.7,
32.2,
26.3,
21.4,
29.2,
29.7,
32.9,
25.4,
26.4,
22.8,
21.6,
23.3,
28.7,
30.8,
25.4,
26.6,
25.1,
23.0,
22.4,
32.7,
25.9,
25.2,
25.6,
31.8,
32.8,
34.6,
29.0,
23.5,
21.8,
32.8,
32.9

```
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            24.2,
            29.8,
            25.9,
            24.4,
            25.4,
            31.7,
            24.4,
            32.2,
            28.4,
            25.8,
```

```
                24.6,
                31.7,
                28.1,
                25.4,
                28.9,
                28.2,
                34.8,
                32.0,
                24.8,
                35.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.2,
                27.4,
                28.4,
                27.4,
                28.8,
                27.6,
                28.4,
                31.2,
                27.8
            ]
        },
```

```
                {
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.2,
                        30.4,
                        30.6,
                        31.4
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.3,
                        33.5
                    ]
                }
            ],
            "requestId": "1189441626",
            "availabilityExpireTime": "2026-03-12T08:30:51Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T08:35:52Z ##############################
{
```

```
"headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
},
"body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1490274651",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
```

```
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
```

```
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
```

```
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
    },
    {
        "globalOperatingClass": 137,
```

```
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-11T08:35:52Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 8.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 8.2
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 13.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 21.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.3
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 19.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 12.4
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
```

```
            "lowFrequency": 6405
        },
        "maxPsd": 17.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 12.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6585
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
```

```
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 12.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 18.8
    },
```

```
{
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        "lowFrequency": 6725
    },
    "maxPsd": 19.8
},
{
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        "lowFrequency": 6745
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 19.9
        }
    ],
    "availableChannelInfo": [
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            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
```

85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181
],
"globalOperatingClass": 131,
"maxEirp": [
21.5,
21.2,
26.8,
26.9,
34.7,
22.9,
21.4,
27.9,
22.4,
31.8,
28.7,
32.2,
26.3,
21.4,

```
            29.2,
            29.7,
            32.9,
            25.4,
            26.4,
            22.8,
            21.6,
            23.3,
            28.7,
            30.8,
            25.4,
            26.6,
            25.1,
            23.0,
            22.4,
            32.7,
            25.9,
            25.2,
            25.6,
            31.8,
            32.8,
            34.6,
            29.0,
            23.5,
            21.8,
            32.8,
            32.9
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
```

```
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            24.2,
            29.8,
            25.9,
            24.4,
            25.4,
            31.7,
            24.4,
            32.2,
            28.4,
            25.8,
            24.6,
            31.7,
            28.1,
            25.4,
            28.9,
            28.2,
            34.8,
            32.0,
            24.8,
            35.8
```

```
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.2,
            27.4,
            28.4,
            27.4,
            28.8,
            27.6,
            28.4,
            31.2,
            27.8
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.2,
```

```
                        30.4,
                        30.6,
                        31.4
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.3,
                        33.5
                    ]
                }
            ],
            "requestId": "1490274651",
            "availabilityExpireTime": "2026-03-12T08:35:52Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1


```
############################## 2026-03-11T09:17:29Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3987629757",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

##############################    2026-03-11T09:17:30Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 19.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 18.9
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 14.6
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 20.4
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 21.3
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 16.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
```

```
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
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    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 13.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 18.8
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 11.7
    },
    {
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            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
```

```
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 14.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 15.2
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 17.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 10.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
```

```
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            32.2,
            31.9,
            27.6,
            29.7,
            25.1,
            33.4,
            34.3,
            21.5,
            34.8,
            29.7,
            29.2,
```

```
            23.7,
            32.5,
            26.6,
            22.9,
            34.0,
            21.4,
            23.6,
            22.3,
            32.7,
            26.6,
            22.9,
            26.6,
            22.2,
            25.4,
            25.1,
            31.8,
            25.1,
            23.1,
            24.7,
            29.9,
            30.7,
            32.9,
            25.1,
            27.1,
            25.5,
            22.5,
            24.8,
            28.2,
            30.1,
            23.1
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
```

```
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            34.9,
            30.6,
            28.1,
            24.5,
            32.7,
            26.7,
            29.6,
            25.9,
            24.4,
            25.3,
            25.9,
            25.2,
            28.1,
            26.1,
            27.7,
            33.7,
            28.1,
```

```
                25.5,
                27.8,
                26.1
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                33.6,
                27.5,
                29.7,
                28.9,
                27.4,
                28.2,
                29.1,
                31.1,
                28.5
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.5,
                        31.9,
                        30.4,
                        32.1
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.6,
                        33.5
                    ]
                }
            ],
            "requestId": "3987629757",
            "availabilityExpireTime": "2026-03-12T09:17:29Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T09:22:30Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "4288471507",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5945,
```

```
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
```

```
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
```

```
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
    "minDesiredPower": -10
```

```
            }
        ]
    }
}

############################## 2026-03-11T09:22:30Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 19.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 18.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 14.6
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
```

```
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 16.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 19.5
    },
    {
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            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.6
```

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},
{
    "frequencyRange": {
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        "lowFrequency": 6225
    },
    "maxPsd": 9.9
},
{
    "frequencyRange": {
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        "lowFrequency": 6245
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
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        "lowFrequency": 6285
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
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        "lowFrequency": 6305
    },
    "maxPsd": 9.3
},
{
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            "lowFrequency": 6325
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        "maxPsd": 19.7
    },
    {
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            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
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            "lowFrequency": 6405
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
```

```
            "lowFrequency": 6525
        },
        "maxPsd": 12.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
```

```
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 19.9
    },
    {
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            "highFrequency": 6725,
            "lowFrequency": 6705
        },
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    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 14.1
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 11.8
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 15.2
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 17.1
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 10.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
```

```
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            32.2,
            31.9,
            27.6,
            29.7,
            25.1,
            33.4,
            34.3,
            21.5,
            34.8,
            29.7,
            29.2,
            23.7,
            32.5,
            26.6,
            22.9,
            34.0,
            21.4,
            23.6,
            22.3,
            32.7,
            26.6,
```

```
            22.9,
            26.6,
            22.2,
            25.4,
            25.1,
            31.8,
            25.1,
            23.1,
            24.7,
            29.9,
            30.7,
            32.9,
            25.1,
            27.1,
            25.5,
            22.5,
            24.8,
            28.2,
            30.1,
            23.1
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
```

```
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            34.9,
            30.6,
            28.1,
            24.5,
            32.7,
            26.7,
            29.6,
            25.9,
            24.4,
            25.3,
            25.9,
            25.2,
            28.1,
            26.1,
            27.7,
            33.7,
            28.1,
            25.5,
            27.8,
            26.1
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
```

```
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            33.6,
            27.5,
            29.7,
            28.9,
            27.4,
            28.2,
            29.1,
            31.1,
            28.5
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5,
            31.9,
            30.4,
            32.1
        ]
    },
    {
        "channelCfi": [
```

```
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.6,
                        33.5
                    ]
                }
            ],
            "requestId": "4288471507",
            "availabilityExpireTime": "2026-03-12T09:22:30Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T09:24:39Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "122734820",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
```

```
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
```

"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
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65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
```

```
                        39,
                        55,
                        71,
                        87,
                        135,
                        151,
                        167
                    ]
                },
                {
                    "globalOperatingClass": 134,
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ]
                },
                {
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63
                    ]
                }
            ],
            "minDesiredPower": -10
        }
    ]
  }
}

############################## 2026-03-11T09:24:40Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
```

```
        "responseCode": 0,
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 5965,
                "lowFrequency": 5945
            },
            "maxPsd": 9.9
        },
        {
            "frequencyRange": {
                "highFrequency": 5985,
                "lowFrequency": 5965
            },
            "maxPsd": 20.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6005,
                "lowFrequency": 5985
            },
            "maxPsd": 9.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6025,
                "lowFrequency": 6005
            },
            "maxPsd": 15.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6045,
                "lowFrequency": 6025
            },
```

```
        "maxPsd": 8.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 19.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 21.3
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 14.6
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 21.3
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 21.9
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
```

```
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 17.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 18.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 8.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 8.9
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 18.6
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 15.3
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 15.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
```

```
                "lowFrequency": 6765
            },
            "maxPsd": 16.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 9.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 20.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
```

5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,

```
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
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            33.4,
            22.1,
            28.2,
            21.1,
            23.0,
            21.8,
            32.6,
            27.6,
            34.3,
            23.1,
            27.6,
            34.3,
            34.9,
            31.5,
            26.0,
            30.1,
            28.1,
            24.5,
            26.2,
            21.9,
            21.7,
            21.6,
            30.2,
            31.0,
            21.1,
            25.6,
            21.9,
            23.5,
            31.6,
            28.3,
```

```
                28.3,
                24.8,
                31.9,
                31.1,
                21.7,
                29.9,
                22.8,
                21.7,
                32.7,
                33.6
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
```

```
                25.9,
                25.1,
                24.1,
                24.8,
                30.6,
                26.1,
                36.0,
                29.0,
                31.1,
                27.5,
                24.7,
                24.6,
                24.1,
                24.9,
                31.3,
                27.8,
                34.1,
                24.7,
                24.7,
                35.7
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.1,
```

```
                27.1,
                29.1,
                32.0,
                30.5,
                27.6,
                27.9,
                30.8,
                27.7
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.1,
                32.1,
                30.6,
                30.9
            ]
        },
        {
            "channelCfi": [
                31,
                63
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                33.2,
                33.7
            ]
        }
    ],
```

```
            "requestId": "122734820",
            "availabilityExpireTime": "2026-03-12T09:24:40Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-11T09:29:40Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.153",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "423571617",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
```

```
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
```

```
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
```

```
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
```

```
                    "globalOperatingClass": 134,
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ]
                },
                {
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63
                    ]
                }
            ],
            "minDesiredPower": -10
        }
    ]
  }
}

############################## 2026-03-11T09:29:40Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 9.9
```

```
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 20.4
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 15.2
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 8.1
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.0
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 19.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
```

```
            "lowFrequency": 6165
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
```

```
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.7
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 8.6
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 17.2
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 18.0
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 8.1
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{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 15.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 15.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
```

```
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 18.9
    },
    {
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            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 9.8
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 20.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            22.9,
            33.4,
            22.1,
            28.2,
```

21.1,
23.0,
21.8,
32.6,
27.6,
34.3,
23.1,
27.6,
34.3,
34.9,
31.5,
26.0,
30.1,
28.1,
24.5,
26.2,
21.9,
21.7,
21.6,
30.2,
31.0,
21.1,
25.6,
21.9,
23.5,
31.6,
28.3,
28.3,
24.8,
31.9,
31.1,
21.7,
29.9,
22.8,
21.7,
32.7,
33.6

```
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.9,
            25.1,
            24.1,
            24.8,
            30.6,
            26.1,
            36.0,
            29.0,
            31.1,
            27.5,
```

```
                24.7,
                24.6,
                24.1,
                24.9,
                31.3,
                27.8,
                34.1,
                24.7,
                24.7,
                35.7
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.1,
                27.1,
                29.1,
                32.0,
                30.5,
                27.6,
                27.9,
                30.8,
                27.7
            ]
        },
```

```
                {
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.1,
                        32.1,
                        30.6,
                        30.9
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.2,
                        33.7
                    ]
                }
            ],
            "requestId": "423571617",
            "availabilityExpireTime": "2026-03-12T09:29:40Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUSA32_FrequencyChannel_10658_1


```
############################## 2026-03-13T03:10:53Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1253",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "97384009",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                        },
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63
                            ]
                        }
                    ],
                    "minDesiredPower": -10
                }
            ]
        }
}

############################## 2026-03-13T03:10:53Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "97384009",
            "availabilityExpireTime": "2026-03-14T03:10:53Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1


```
############################## 2026-03-13T03:20:54Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "698148852",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

##############################    2026-03-13T03:20:54Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 9.2
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 19.2
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.3
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 17.6
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
```

```
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 8.7
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 9.9
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 9.6
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
```

```
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 8.7
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
```

```
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.1,
            22.2,
            30.9,
            32.2,
            23.2,
            23.3,
            30.6,
            33.2,
            28.5,
            21.4,
            23.4,
```

```
            28.2,
            24.3,
            26.6,
            30.3,
            24.4,
            26.0,
            22.8,
            31.2,
            31.4,
            21.3,
            21.4,
            21.7,
            22.9,
            24.0,
            25.1,
            29.3,
            22.6,
            32.8,
            31.7,
            21.5,
            33.2,
            26.5,
            23.4,
            25.0,
            26.7,
            34.8,
            26.9,
            21.7,
            23.8,
            27.3
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
```

```
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.2,
            33.9,
            26.2,
            33.6,
            24.4,
            26.4,
            27.3,
            27.4,
            25.8,
            34.2,
            24.3,
            24.7,
            28.1,
            25.6,
            24.5,
            29.5,
            26.4,
```

```
                29.7,
                24.7,
                26.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.2,
                29.2,
                27.4,
                30.3,
                28.8,
                27.3,
                27.5,
                29.4,
                27.7
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.2,
                        30.4,
                        30.3,
                        30.5
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.5,
                        33.4
                    ]
                }
            ],
            "requestId": "698148852",
            "availabilityExpireTime": "2026-03-14T03:20:54Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-13T03:21:11Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "715728210",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5945,
```

```
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
```

```
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
```

```
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
    "minDesiredPower": -10
```

```
            }
        ]
    }
}

############################## 2026-03-13T03:21:11Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 9.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 17.9
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
```

```
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 17.3
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 11.4
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 13.0
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.8
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 18.2
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
```

```
            "lowFrequency": 6525
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 9.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
```

```
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 12.0
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 13.7
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 21.8
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 10.8
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
```

```
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.1,
            22.2,
            30.9,
            32.2,
            23.2,
            23.3,
            30.6,
            33.2,
            28.5,
            21.4,
            23.4,
            28.2,
            24.3,
            26.6,
            30.3,
            24.4,
            26.0,
            22.8,
            31.2,
            31.4,
            21.3,
```

```
            21.4,
            21.7,
            22.9,
            24.0,
            25.1,
            29.3,
            22.6,
            32.8,
            31.7,
            21.5,
            33.2,
            26.5,
            23.4,
            25.0,
            26.7,
            34.8,
            26.9,
            21.7,
            23.8,
            27.3
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
```

```
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.2,
            33.9,
            26.2,
            33.6,
            24.4,
            26.4,
            27.3,
            27.4,
            25.8,
            34.2,
            24.3,
            24.7,
            28.1,
            25.6,
            24.5,
            29.5,
            26.4,
            29.7,
            24.7,
            26.8
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
```

```
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.2,
            29.2,
            27.4,
            30.3,
            28.8,
            27.3,
            27.5,
            29.4,
            27.7
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.2,
            30.4,
            30.3,
            30.5
        ]
    },
    {
        "channelCfi": [
```

```
                    31,
                    63
                ],
                "globalOperatingClass": 137,
                "maxEirp": [
                    33.5,
                    33.4
                ]
            }
        ],
        "requestId": "715728210",
        "availabilityExpireTime": "2026-03-14T03:21:11Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2026-03-13T03:26:08Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1254",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "958933574",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
```

```
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
```

"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
```

```
                                39,
                                55,
                                71,
                                87,
                                135,
                                151,
                                167
                            ]
                        },
                        {
                            "globalOperatingClass": 134,
                            "channelCfi": [
                                15,
                                47,
                                79,
                                143
                            ]
                        },
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63
                            ]
                        }
                    ],
                    "minDesiredPower": -10
                }
            ]
        }
}

############################### 2026-03-13T03:26:08Z ###############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
```

```
        "responseCode": 0,
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 5965,
                "lowFrequency": 5945
            },
            "maxPsd": 21.1
        },
        {
            "frequencyRange": {
                "highFrequency": 5985,
                "lowFrequency": 5965
            },
            "maxPsd": 9.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6005,
                "lowFrequency": 5985
            },
            "maxPsd": 17.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6025,
                "lowFrequency": 6005
            },
            "maxPsd": 19.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6045,
                "lowFrequency": 6025
            },
```

```
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 8.4
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 15.2
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.6
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 17.3
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
```

```
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 12.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 9.6
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 19.8
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 18.7
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 8.5
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
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    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
```

```
                "lowFrequency": 6765
            },
            "maxPsd": 21.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 13.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
```

5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
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53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,

```
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.1,
            22.2,
            30.9,
            32.2,
            23.2,
            23.3,
            30.6,
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            28.5,
            21.4,
            23.4,
            28.2,
            24.3,
            26.6,
            30.3,
            24.4,
            26.0,
            22.8,
            31.2,
            31.4,
            21.3,
            21.4,
            21.7,
            22.9,
            24.0,
            25.1,
            29.3,
            22.6,
            32.8,
            31.7,
            21.5,
```

```
                33.2,
                26.5,
                23.4,
                25.0,
                26.7,
                34.8,
                26.9,
                21.7,
                23.8,
                27.3
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
```

```
                25.2,
                33.9,
                26.2,
                33.6,
                24.4,
                26.4,
                27.3,
                27.4,
                25.8,
                34.2,
                24.3,
                24.7,
                28.1,
                25.6,
                24.5,
                29.5,
                26.4,
                29.7,
                24.7,
                26.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.2,
```

```
                29.2,
                27.4,
                30.3,
                28.8,
                27.3,
                27.5,
                29.4,
                27.7
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.2,
                30.4,
                30.3,
                30.5
            ]
        },
        {
            "channelCfi": [
                31,
                63
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                33.5,
                33.4
            ]
        }
    ],
```

```
            "requestId": "958933574",
            "availabilityExpireTime": "2026-03-14T03:26:08Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-13T03:31:12Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1312766300",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
```

```
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
```

```
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
```

```
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
```

```
                        "globalOperatingClass": 134,
                        "channelCfi": [
                            15,
                            47,
                            79,
                            143
                        ]
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-13T03:31:12Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 19.2
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.3
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
```

```
            "lowFrequency": 6165
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
```

```
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.4
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 9.9
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 12.1
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{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 9.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
```

```
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 13.9
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.1,
            22.2,
            30.9,
            32.2,
```

23.2,
23.3,
30.6,
33.2,
28.5,
21.4,
23.4,
28.2,
24.3,
26.6,
30.3,
24.4,
26.0,
22.8,
31.2,
31.4,
21.3,
21.4,
21.7,
22.9,
24.0,
25.1,
29.3,
22.6,
32.8,
31.7,
21.5,
33.2,
26.5,
23.4,
25.0,
26.7,
34.8,
26.9,
21.7,
23.8,
27.3

```
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.2,
            33.9,
            26.2,
            33.6,
            24.4,
            26.4,
            27.3,
            27.4,
            25.8,
            34.2,
```

```
                24.3,
                24.7,
                28.1,
                25.6,
                24.5,
                29.5,
                26.4,
                29.7,
                24.7,
                26.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.2,
                29.2,
                27.4,
                30.3,
                28.8,
                27.3,
                27.5,
                29.4,
                27.7
            ]
        },
```

```
                {
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.2,
                        30.4,
                        30.3,
                        30.5
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.5,
                        33.4
                    ]
                }
            ],
            "requestId": "1312766300",
            "availabilityExpireTime": "2026-03-14T03:31:12Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1


```
############################## 2026-03-13T05:41:42Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.205",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3386385359",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

##############################    2026-03-13T05:41:42Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 23
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 23
},
{
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        "frequencyRange": {
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            "lowFrequency": 6085
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        "maxPsd": 23
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    {
        "frequencyRange": {
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    },
    {
        "frequencyRange": {
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            "lowFrequency": 6405
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        "maxPsd": 23
    },
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{
    "frequencyRange": {
        "highFrequency": 6625,
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    },
    "maxPsd": 23
},
{
    "frequencyRange": {
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            "lowFrequency": 6645
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        },
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    },
    {
        "frequencyRange": {
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        },
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    },
    {
        "frequencyRange": {
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            "lowFrequency": 6725
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        },
        "maxPsd": 23
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            "lowFrequency": 6745
        },
        "maxPsd": 23
    },
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            "lowFrequency": 6765
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    {
        "frequencyRange": {
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            "lowFrequency": 6785
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    },
    {
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        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6825
        },
        "maxPsd": 23
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```
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                "lowFrequency": 6845
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            "maxPsd": 23
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                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
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                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
```

```
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
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            36.0,
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            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
```

```
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
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            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
```

```
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
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            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
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            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
```

```
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0
        ]
```

```
                    }
                ],
                "requestId": "3386385359",
                "availabilityExpireTime": "2026-03-14T05:41:42Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################## 2026-03-13T05:46:43Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.205",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "3687155991",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
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        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
```

```
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
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                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
```

```
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 134,
                        "channelCfi": [
                            15,
                            47,
                            79,
                            143
                        ]
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

##############################    2026-03-13T05:46:43Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
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        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 5965
        },
        "maxPsd": 23
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    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6025
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 23
```

```
},
{
    "frequencyRange": {
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        "lowFrequency": 6065
    },
    "maxPsd": 23
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    "frequencyRange": {
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        "lowFrequency": 6085
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    "maxPsd": 23
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        "lowFrequency": 6105
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{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
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    "maxPsd": 23
},
{
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        "frequencyRange": {
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            "lowFrequency": 6165
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        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6185
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        "maxPsd": 23
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    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
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        "maxPsd": 23
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    {
        "frequencyRange": {
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        "maxPsd": 23
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    {
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            "lowFrequency": 6265
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6285
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        "maxPsd": 23
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    {
        "frequencyRange": {
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            "lowFrequency": 6305
        },
        "maxPsd": 23
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    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 23
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    {
        "frequencyRange": {
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            "lowFrequency": 6345
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
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        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6385
        },
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        },
        "maxPsd": 23
    },
    {
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            "lowFrequency": 6525
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    {
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            "lowFrequency": 6545
        },
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    {
        "frequencyRange": {
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        },
        "maxPsd": 23
    },
    {
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            "lowFrequency": 6585
        },
        "maxPsd": 23
    },
```

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{
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        "lowFrequency": 6605
    },
    "maxPsd": 23
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    "frequencyRange": {
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{
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        "lowFrequency": 6645
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{
    "frequencyRange": {
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            "lowFrequency": 6725
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        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
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```
            },
            "maxPsd": 23
        },
        {
            "frequencyRange": {
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                "lowFrequency": 6825
            },
            "maxPsd": 23
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 23
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            36.0,
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            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
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36.0,
36.0,
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36.0,
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36.0,
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36.0,
36.0,
36.0
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},
{
"channelCfi": [
3,

```
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
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            36.0,
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            36.0,
            36.0,
            36.0,
```

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                36.0,
                36.0,
                36.0,
                36.0,
                36.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
```

```
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    36.0,
                    36.0,
                    36.0,
                    36.0
                ]
            }
        ],
        "requestId": "3687155991",
        "availabilityExpireTime": "2026-03-14T05:46:43Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2026-03-13T05:52:47Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.254",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1253",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "46689479",
        "deviceDescriptor": {
```

```
        "serialNumber": "3404995130",
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
```

"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
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89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,

```
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
```

```
                                23,
                                39,
                                55,
                                71,
                                87,
                                135,
                                151,
                                167
                            ]
                        },
                        {
                            "globalOperatingClass": 134,
                            "channelCfi": [
                                15,
                                47,
                                79,
                                143
                            ]
                        },
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63
                            ]
                        }
                    ],
                    "minDesiredPower": -10
                }
            ]
        }
}

############################## 2026-03-13T05:52:48Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
```

```
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "46689479",
            "availabilityExpireTime": "2026-03-14T05:52:48Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_320MHz_10718_1


```
############################## 2026-03-13T02:25:55Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1694629307",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
```

```
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

```
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
```

```
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
```

```
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

##############################    2026-03-13T02:25:55Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 17.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 19.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 5.6
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 19.3
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 22.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 6.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
```

```
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 22.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 9.4
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 22.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
```

```
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 13.1
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 21.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
```

```
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            30.6,
            32.6,
            18.6,
            26.4,
            23.5,
            23.9,
            32.3,
            26.0,
            28.0,
            35.7,
            28.7,
```

```
            21.4,
            26.2,
            19.7,
            23.0,
            26.5,
            34.1,
            30.3,
            29.8,
            29.8,
            35.2,
            26.1,
            34.6,
            30.9,
            29.9,
            22.4,
            29.5,
            34.6,
            33.3,
            23.0,
            35.1,
            24.9,
            30.1,
            28.4,
            31.3,
            24.6,
            27.9,
            28.2,
            26.1,
            23.0,
            34.0
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
```

```
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            33.6,
            21.6,
            26.5,
            29.0,
            31.0,
            24.4,
            22.7,
            26.0,
            33.3,
            32.8,
            29.1,
            33.9,
            25.4,
            36.0,
            26.0,
            27.9,
            31.4,
```

```
                27.6,
                29.1,
                26.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                24.6,
                29.5,
                27.4,
                25.7,
                35.8,
                32.1,
                29.0,
                30.9,
                30.6
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
```

```
                "globalOperatingClass": 134,
                "maxEirp": [
                    27.6,
                    28.7,
                    35.1,
                    32.0
                ]
            },
            {
                "channelCfi": [
                    31,
                    63
                ],
                "globalOperatingClass": 137,
                "maxEirp": [
                    30.7,
                    31.8
                ]
            }
        ],
        "requestId": "1694629307",
        "availabilityExpireTime": "2026-03-14T02:25:55Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2026-03-13T02:30:56Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1995555234",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.893028,
                            "latitude": 37.33548
                        },
                        "majorAxis": 15,
                        "minorAxis": 18,
                        "orientation": 27
                    },
                    "elevation": {
                        "height": 80.0,
                        "heightType": "AMSL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5945,
```

```
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
```

```
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
```

```
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
    "minDesiredPower": -10
```

```
            }
        ]
    }
}

############################## 2026-03-13T02:30:56Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 17.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 19.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 5.6
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
```

```
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 22.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 6.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 21.1
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 17.3
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 16.8
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 22.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
```

```
            "lowFrequency": 6525
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
```

```
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 22.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.3
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 14.9
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 15.2
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 13.1
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 21.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
```

```
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            30.6,
            32.6,
            18.6,
            26.4,
            23.5,
            23.9,
            32.3,
            26.0,
            28.0,
            35.7,
            28.7,
            21.4,
            26.2,
            19.7,
            23.0,
            26.5,
            34.1,
            30.3,
            29.8,
            29.8,
            35.2,
```

```
            26.1,
            34.6,
            30.9,
            29.9,
            22.4,
            29.5,
            34.6,
            33.3,
            23.0,
            35.1,
            24.9,
            30.1,
            28.4,
            31.3,
            24.6,
            27.9,
            28.2,
            26.1,
            23.0,
            34.0
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
```

```
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            33.6,
            21.6,
            26.5,
            29.0,
            31.0,
            24.4,
            22.7,
            26.0,
            33.3,
            32.8,
            29.1,
            33.9,
            25.4,
            36.0,
            26.0,
            27.9,
            31.4,
            27.6,
            29.1,
            26.0
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
```

```
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            24.6,
            29.5,
            27.4,
            25.7,
            35.8,
            32.1,
            29.0,
            30.9,
            30.6
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            27.6,
            28.7,
            35.1,
            32.0
        ]
    },
    {
        "channelCfi": [
```

```
                    31,
                    63
                ],
                "globalOperatingClass": 137,
                "maxEirp": [
                    30.7,
                    31.8
                ]
            }
        ],
        "requestId": "1995555234",
        "availabilityExpireTime": "2026-03-14T02:30:56Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2026-03-13T02:35:57Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "2296300214",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
```

```
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "2AU6R04371"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
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"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
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65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
```

```
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                143
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63
            ]
        }
    ],
    "minDesiredPower": -10
}
]
}
}

############################## 2026-03-13T02:35:57Z ##############################
{
"availableSpectrumInquiryResponses": [
    {
        "response": {
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```
        "responseCode": 0,
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 5965,
                "lowFrequency": 5945
            },
            "maxPsd": 17.6
        },
        {
            "frequencyRange": {
                "highFrequency": 5985,
                "lowFrequency": 5965
            },
            "maxPsd": 19.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6005,
                "lowFrequency": 5985
            },
            "maxPsd": 5.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6025,
                "lowFrequency": 6005
            },
            "maxPsd": 13.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6045,
                "lowFrequency": 6025
            },
```

```
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 22.7
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 13.2
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 6.7
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
```

```
        },
        "maxPsd": 22.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 9.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 20.3
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 22.1
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
```

```
                "lowFrequency": 6765
            },
            "maxPsd": 14.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 15.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 13.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 21.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
```

5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,

```
        173,
        177,
        181
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        30.6,
        32.6,
        18.6,
        26.4,
        23.5,
        23.9,
        32.3,
        26.0,
        28.0,
        35.7,
        28.7,
        21.4,
        26.2,
        19.7,
        23.0,
        26.5,
        34.1,
        30.3,
        29.8,
        29.8,
        35.2,
        26.1,
        34.6,
        30.9,
        29.9,
        22.4,
        29.5,
        34.6,
        33.3,
        23.0,
        35.1,
```

```
            24.9,
            30.1,
            28.4,
            31.3,
            24.6,
            27.9,
            28.2,
            26.1,
            23.0,
            34.0
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
```

```
                33.6,
                21.6,
                26.5,
                29.0,
                31.0,
                24.4,
                22.7,
                26.0,
                33.3,
                32.8,
                29.1,
                33.9,
                25.4,
                36.0,
                26.0,
                27.9,
                31.4,
                27.6,
                29.1,
                26.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                24.6,
```

```
                29.5,
                27.4,
                25.7,
                35.8,
                32.1,
                29.0,
                30.9,
                30.6
            ]
        },
        {
            "channelCfi": [
                15,
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                27.6,
                28.7,
                35.1,
                32.0
            ]
        },
        {
            "channelCfi": [
                31,
                63
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                30.7,
                31.8
            ]
        }
    ],
```

```
            "requestId": "2296300214",
            "availabilityExpireTime": "2026-03-14T02:35:57Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-13T02:40:58Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "2597024023",
                "deviceDescriptor": {
                    "serialNumber": "3404995130",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "2AU6R04371"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
```

```
                "longitude": -121.893028,
                "latitude": 37.33548
            },
            "majorAxis": 15,
            "minorAxis": 18,
            "orientation": 27
        },
        "elevation": {
            "height": 80.0,
            "heightType": "AMSL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
```

```
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
```

```
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ]
        },
        {
```

```
                        "globalOperatingClass": 134,
                        "channelCfi": [
                            15,
                            47,
                            79,
                            143
                        ]
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-13T02:40:58Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 17.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 19.6
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 5.6
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.9
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 22.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
```

```
            "lowFrequency": 6165
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 6.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
```

```
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 22.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.1
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 9.4
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 22.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
```

```
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 15.2
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 13.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 21.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            30.6,
            32.6,
            18.6,
            26.4,
```

23.5,
23.9,
32.3,
26.0,
28.0,
35.7,
28.7,
21.4,
26.2,
19.7,
23.0,
26.5,
34.1,
30.3,
29.8,
29.8,
35.2,
26.1,
34.6,
30.9,
29.9,
22.4,
29.5,
34.6,
33.3,
23.0,
35.1,
24.9,
30.1,
28.4,
31.3,
24.6,
27.9,
28.2,
26.1,
23.0,
34.0

```
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            33.6,
            21.6,
            26.5,
            29.0,
            31.0,
            24.4,
            22.7,
            26.0,
            33.3,
            32.8,
```

```
                29.1,
                33.9,
                25.4,
                36.0,
                26.0,
                27.9,
                31.4,
                27.6,
                29.1,
                26.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                24.6,
                29.5,
                27.4,
                25.7,
                35.8,
                32.1,
                29.0,
                30.9,
                30.6
            ]
        },
```

```
                {
                    "channelCfi": [
                        15,
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        27.6,
                        28.7,
                        35.1,
                        32.0
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        30.7,
                        31.8
                    ]
                }
            ],
            "requestId": "2597024023",
            "availabilityExpireTime": "2026-03-14T02:40:58Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-13T02:45:53Z ##############################
{
```

```
"headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1255",
    "Connection": "Keep-Alive"
},
"body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "2892919552",
            "deviceDescriptor": {
                "serialNumber": "3404995130",
                "certificationId": [
                    {
                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                        "id": "2AU6R04371"
                    }
                ]
            },
            "location": {
                "ellipse": {
                    "center": {
                        "longitude": -121.893028,
                        "latitude": 37.33548
                    },
                    "majorAxis": 15,
                    "minorAxis": 18,
                    "orientation": 27
                },
                "elevation": {
                    "height": 80.0,
                    "heightType": "AMSL",
```

```
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5945,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
```

```
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
```

```
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
    },
    {
        "globalOperatingClass": 137,
```

```
                        "channelCfi": [
                            31,
                            63
                        ]
                    }
                ],
                "minDesiredPower": -10
            }
        ]
    }
}

############################## 2026-03-13T02:45:54Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 18.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.4
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 8.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 15.8
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 15.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 9.4
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 6.6
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 19.0
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 22.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
```

```
            "lowFrequency": 6405
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 11.8
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    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
```

```
        "maxPsd": 7.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 21.4
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 21.8
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 13.7
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 15.8
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 22.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 18.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
```

```
            85,
            89,
            93,
            117,
            121,
            125,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173,
            177,
            181
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            31.2,
            26.4,
            28.8,
            24.1,
            30.1,
            24.2,
            25.8,
            22.5,
            30.9,
            29.0,
            23.3,
            21.0,
            28.7,
            28.8,
```

```
            28.4,
            22.4,
            19.6,
            32.0,
            23.5,
            23.3,
            27.7,
            35.3,
            23.9,
            27.0,
            24.7,
            33.9,
            24.8,
            27.5,
            20.8,
            23.9,
            25.2,
            29.8,
            22.8,
            34.4,
            34.8,
            31.2,
            25.3,
            26.7,
            28.8,
            35.1,
            31.1
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
```

```
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.4,
            27.1,
            27.2,
            25.5,
            32.0,
            24.0,
            31.7,
            25.4,
            22.6,
            26.3,
            30.7,
            26.9,
            27.8,
            23.8,
            26.9,
            25.8,
            36.0,
            28.3,
            29.7,
            34.1
```

```
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            30.1,
            28.5,
            27.0,
            28.4,
            25.6,
            29.9,
            26.8,
            28.8,
            31.3
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.5,
```

```
                        30.0,
                        28.6,
                        29.8
                    ]
                },
                {
                    "channelCfi": [
                        31,
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.1,
                        31.7
                    ]
                }
            ],
            "requestId": "2892919552",
            "availabilityExpireTime": "2026-03-14T02:45:54Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-03-13T02:50:55Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1255",
        "Connection": "Keep-Alive"
    },
```

```
"body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "3193622996",
            "deviceDescriptor": {
                "serialNumber": "3404995130",
                "certificationId": [
                    {
                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                        "id": "2AU6R04371"
                    }
                ]
            },
            "location": {
                "ellipse": {
                    "center": {
                        "longitude": -121.893028,
                        "latitude": 37.33548
                    },
                    "majorAxis": 15,
                    "minorAxis": 18,
                    "orientation": 27
                },
                "elevation": {
                    "height": 80.0,
                    "heightType": "AMSL",
                    "verticalUncertainty": 2
                },
                "indoorDeployment": 2
            },
            "inquiredFrequencyRange": [
                {
                    "lowFrequency": 5945,
                    "highFrequency": 6425
                },
                {
```

```
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
```

```
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
```

```
                ]
            },
            {
                "globalOperatingClass": 133,
                "channelCfi": [
                    7,
                    23,
                    39,
                    55,
                    71,
                    87,
                    135,
                    151,
                    167
                ]
            },
            {
                "globalOperatingClass": 134,
                "channelCfi": [
                    15,
                    47,
                    79,
                    143
                ]
            },
            {
                "globalOperatingClass": 137,
                "channelCfi": [
                    31,
                    63
                ]
            }
        ],
        "minDesiredPower": -10
    }
  ]
}
```

```
}

############################## 2026-03-13T02:50:56Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 18.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 15.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
                    },
```

```
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.9
    },
```

```
{
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AFC capability - Inquired Frequency & Channel

AFCD.RSA: Successful registration and spectrum access request											
Freq. (MHz)	Mode	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6015	6FC	20	10.30	7.79	18.09	22.00	Pass	-4.57	5.73	9.00	Pass
6795	6FC	20	11.60	10.40	22.00	33.10	Pass	-2.99	8.61	20.10	Pass
6045	6FC	40	10.30	10.56	20.86	28.70	Pass	-4.95	5.35	12.70	Pass
6605	6FC	40	11.60	13.38	24.98	27.10	Pass	-3.59	8.01	11.10	Pass
6065	6FC	80	10.30	17.39	27.69	31.30	Pass	-0.85	9.45	12.30	Pass
6625	6FC	80	11.6	14.97	26.57	28.40	Pass	-4.22	7.38	9.40	Pass
6025	6FC	160	10.30	17.29	27.59	30.50	Pass	-4.25	6.05	8.50	Pass
6665	6FC	160	11.60	16.19	27.79	30.90	Pass	-6.25	5.35	8.90	Pass
6105	6FC	320	10.30	11.91	22.21	30.70	Pass	-12.54	-2.24	5.60	Pass
6265	6FC	320	11.40	15.63	27.03	31.70	Pass	-9.68	1.72	6.60	Pass

AFCD.SAU: Successful spectrum access update											
Freq. (MHz)	Mode	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6315	6FC	20	11.40	8.54	19.94	31.20	Pass	-4.20	7.20	18.20	Pass

AFCD.UAU: Unsuccessful spectrum access update											
Freq. (MHz)	Mode	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6675	6FC	20	11.60	20.89	32.49	36.00	Pass	8.16	19.76	23.00	Pass

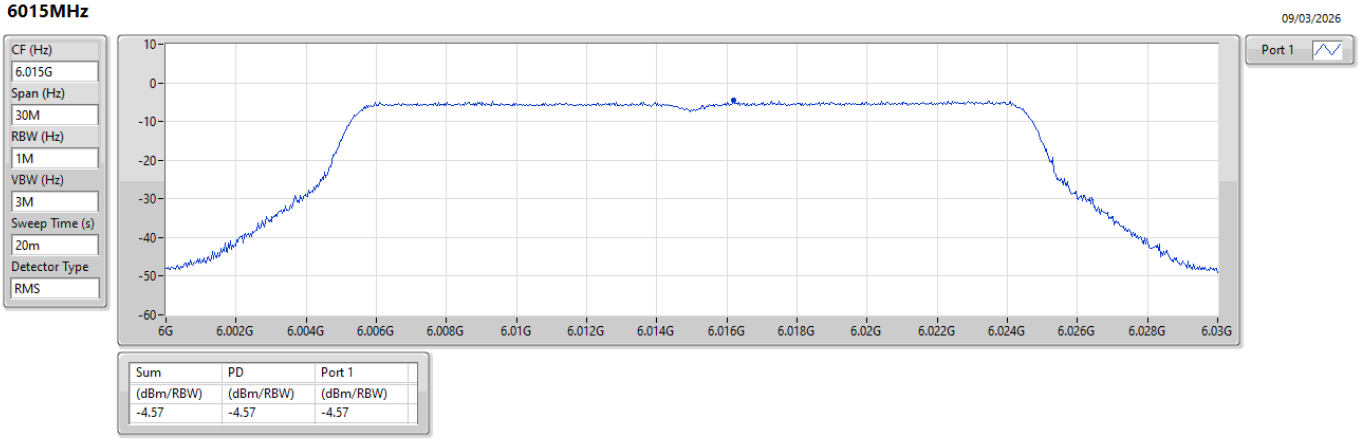
AFC capability - Inquired Frequency & Channel

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1

Frequency (MHz): 6015

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

6015MHz

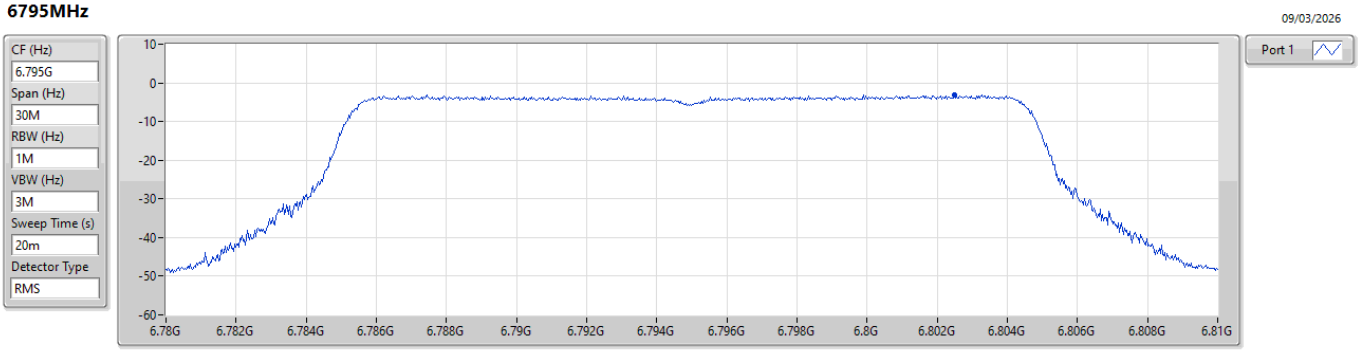


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.57	-4.57	-4.57

Frequency (MHz): 6795

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

6795MHz



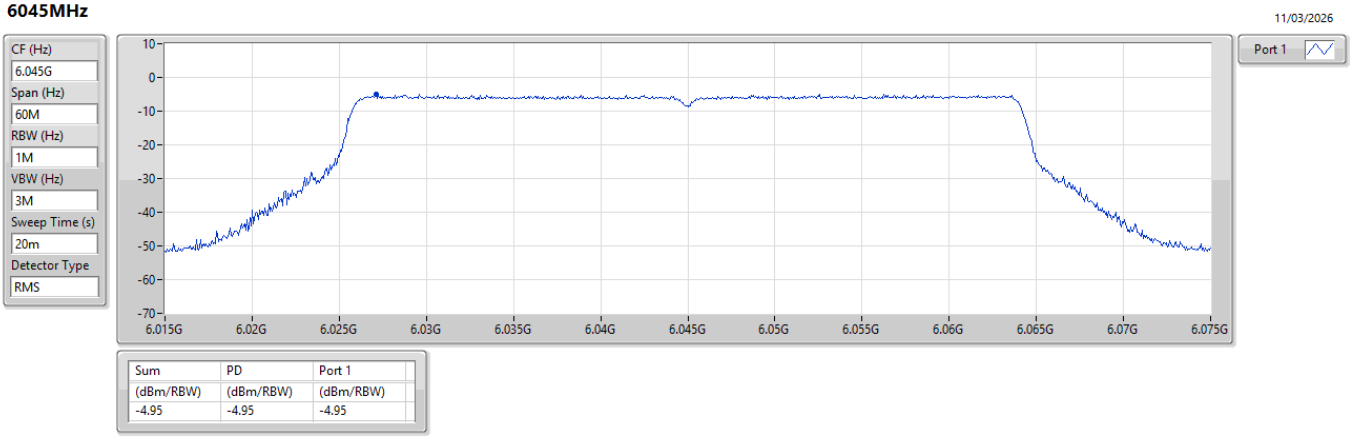
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.99	-2.99	-2.99

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1

Frequency (MHz): 6045

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX **PSD**

6045MHz

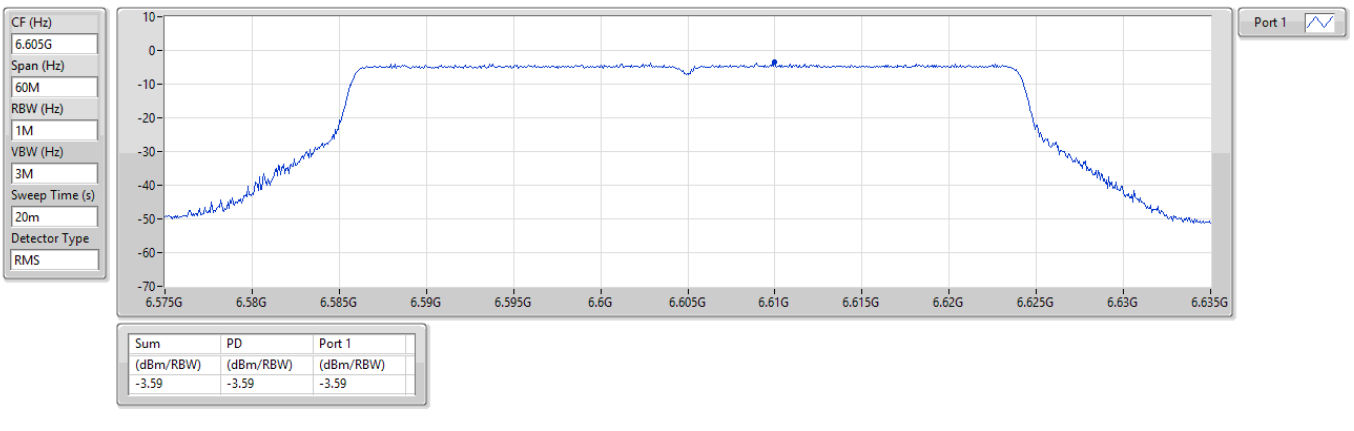


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.95	-4.95	-4.95

Frequency (MHz): 6605

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX **PSD**

6605MHz



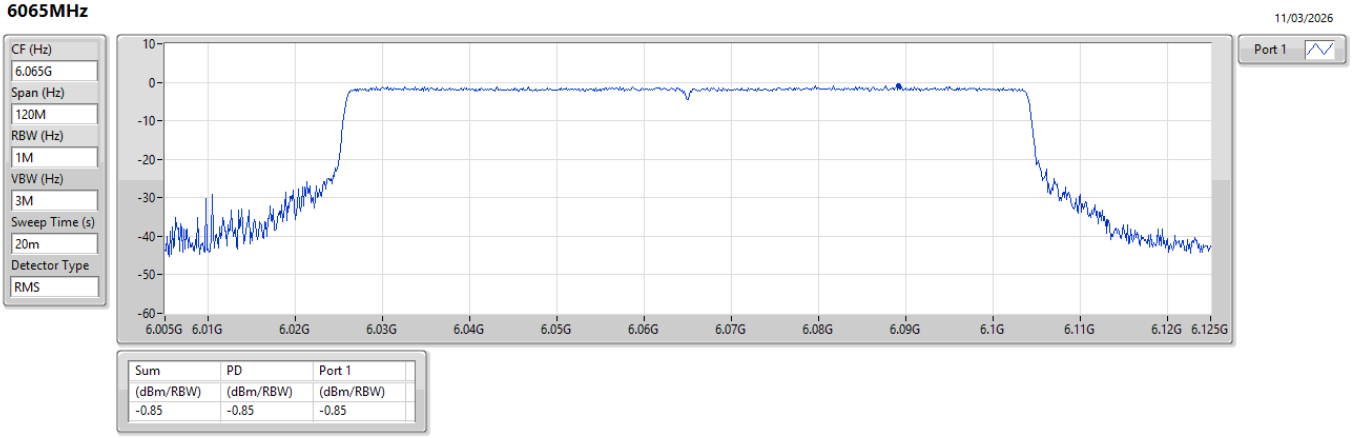
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.59	-3.59	-3.59

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1

Frequency (MHz): 6065

5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX **PSD**

6065MHz

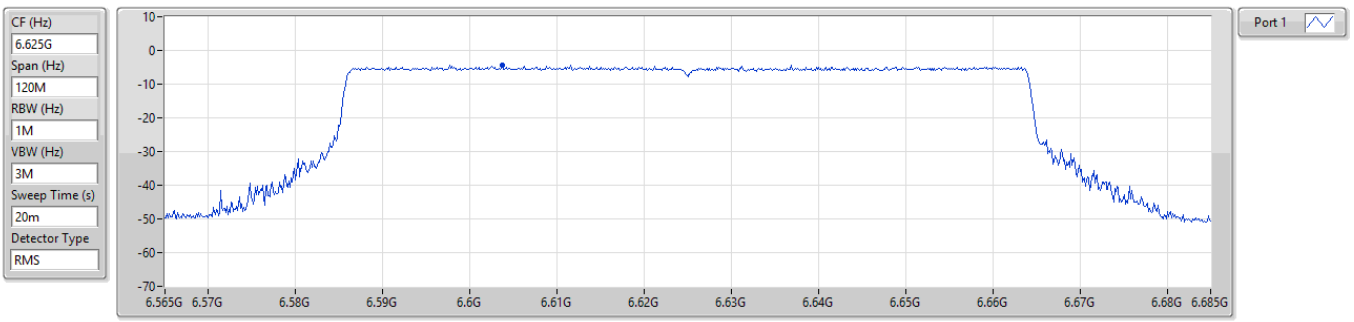


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.85	-0.85	-0.85

Frequency (MHz): 6625

6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX **PSD**

6625MHz



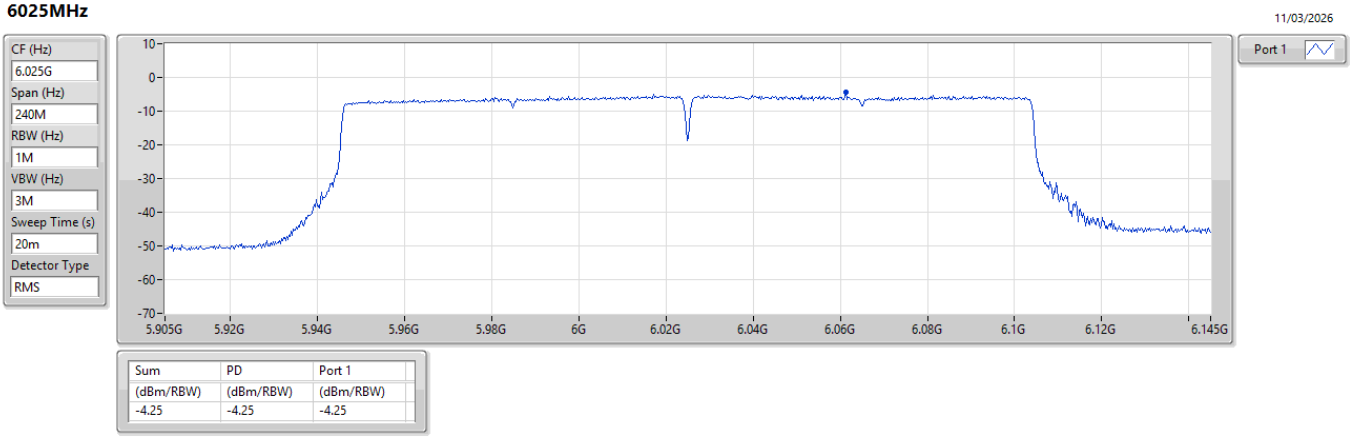
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.22	-4.22	-4.22

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1

Frequency (MHz): 6025

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **PSD**

6025MHz

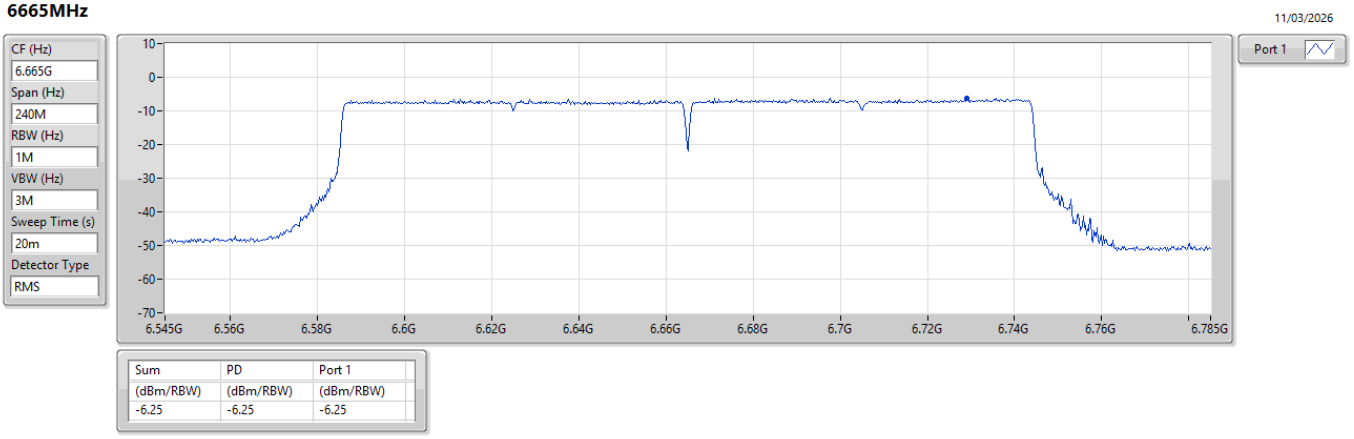


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.25	-4.25	-4.25

Frequency (MHz): 6665

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_1TX **PSD**

6665MHz

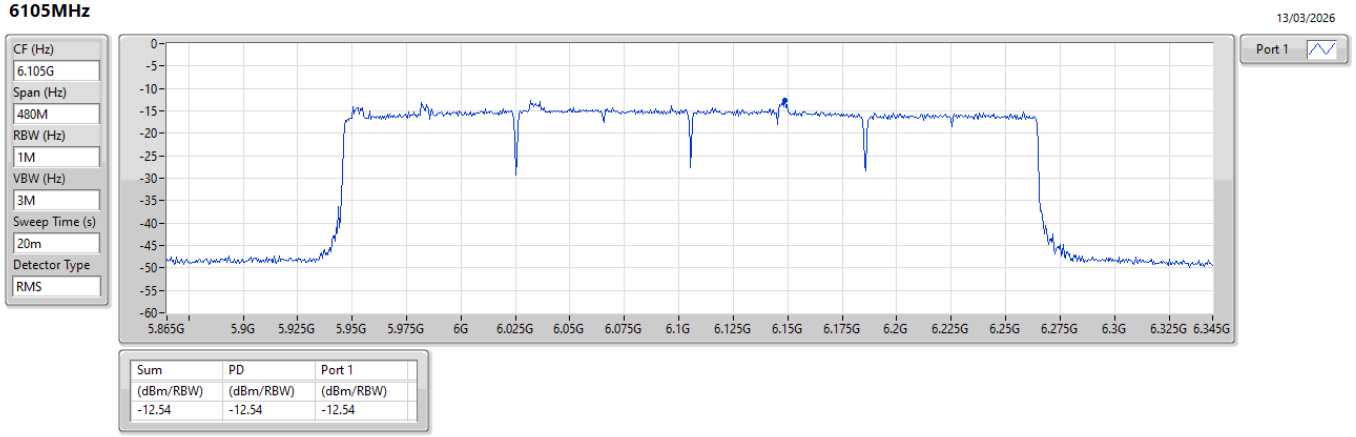


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.25	-6.25	-6.25

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_320MHz_10718_1
Bandwidth: 320MHz
Frequency (MHz): 6105

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX PSD

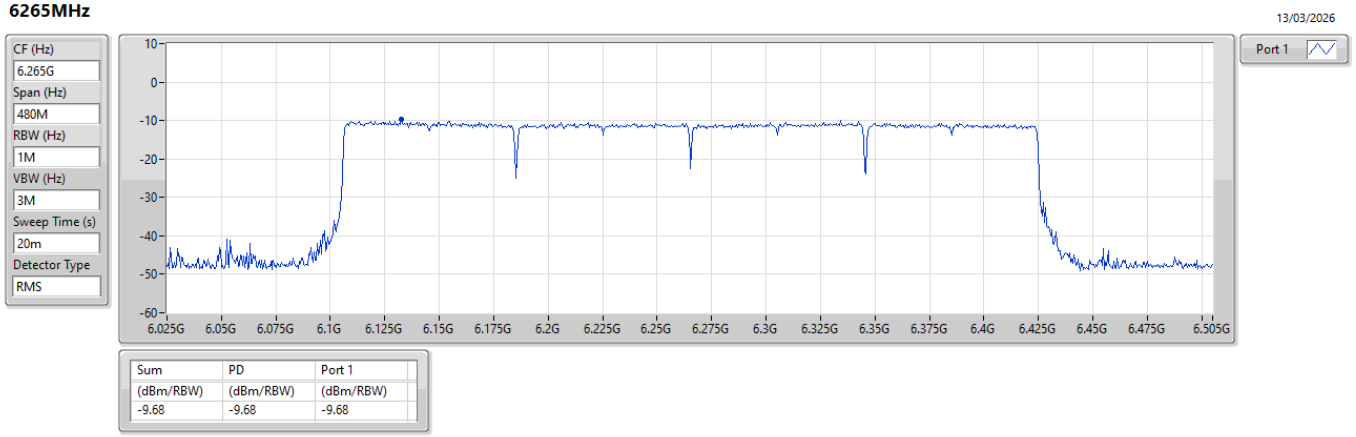
6105MHz



Frequency (MHz): 6265

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX PSD

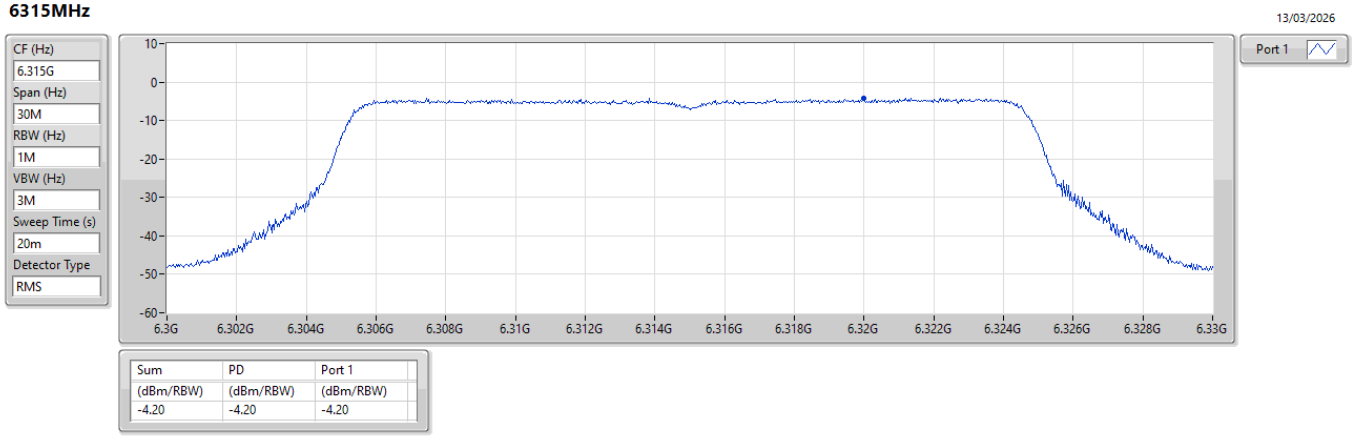
6265MHz



CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1
Bandwidth: 20MHz
Frequency (MHz): 6315

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

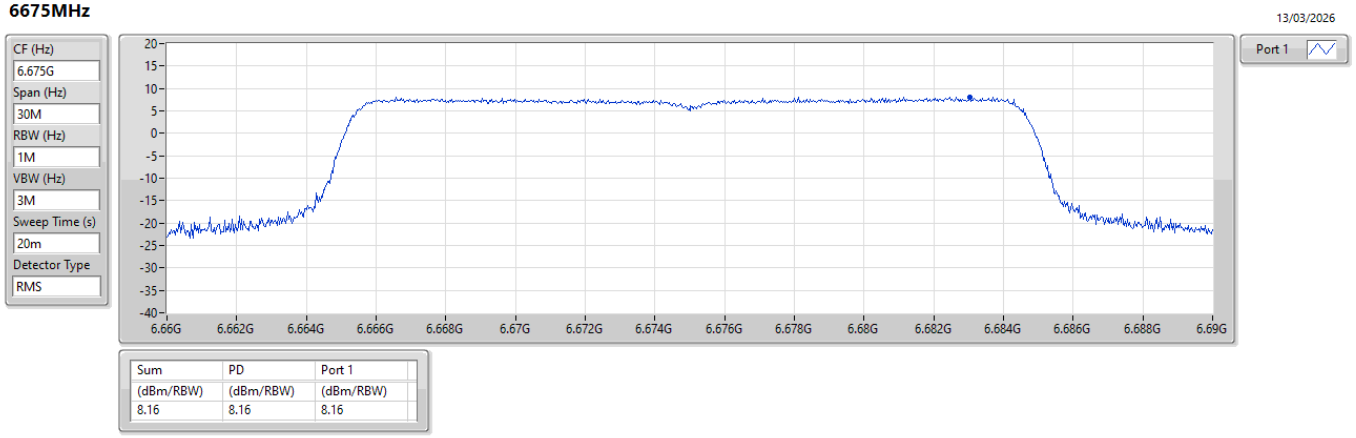
6315MHz



CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1
Bandwidth: 20MHz
Frequency (MHz): 6675

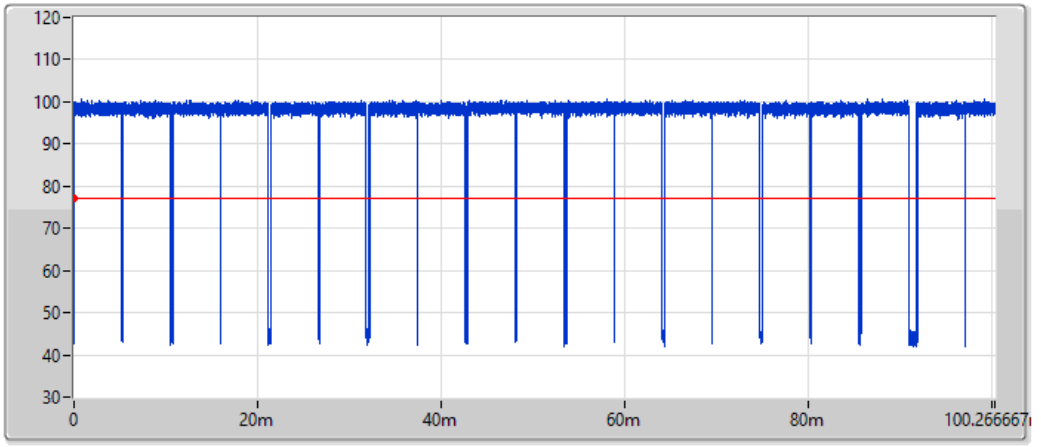
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

6675MHz



Duty Cycle
Bandwidth: 20MHz

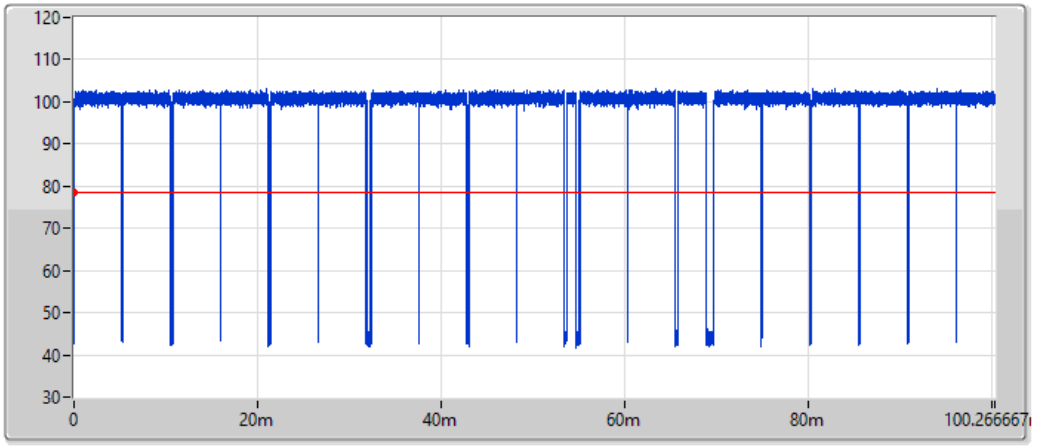
DC;be20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.015G	8M	8M	100.267m	32001	3.133344u	96.353454m	0.961

Bandwidth: 40MHz

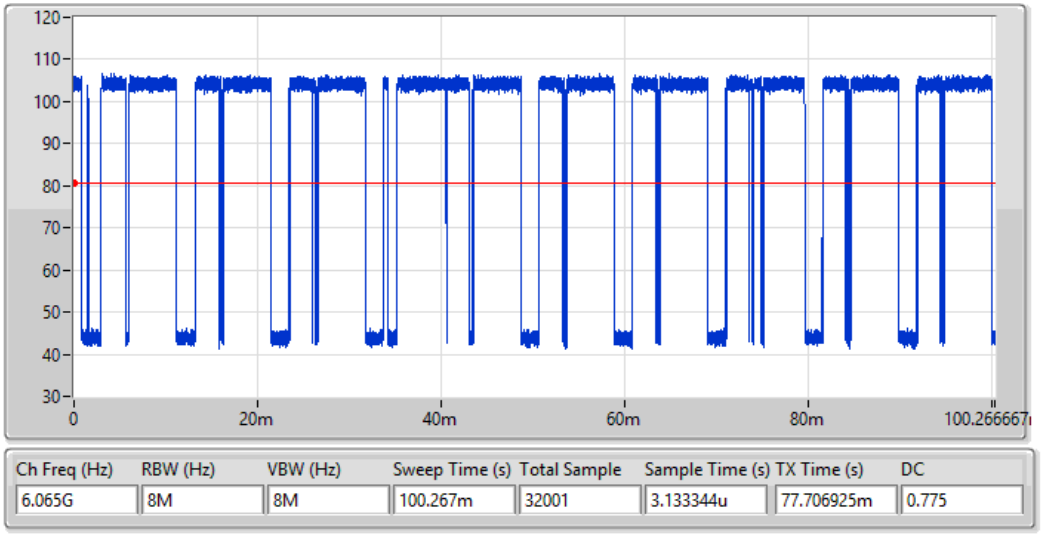
DC;be40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.045G	8M	8M	100.267m	32001	3.133344u	95.942986m	0.957

Bandwidth: 80MHz

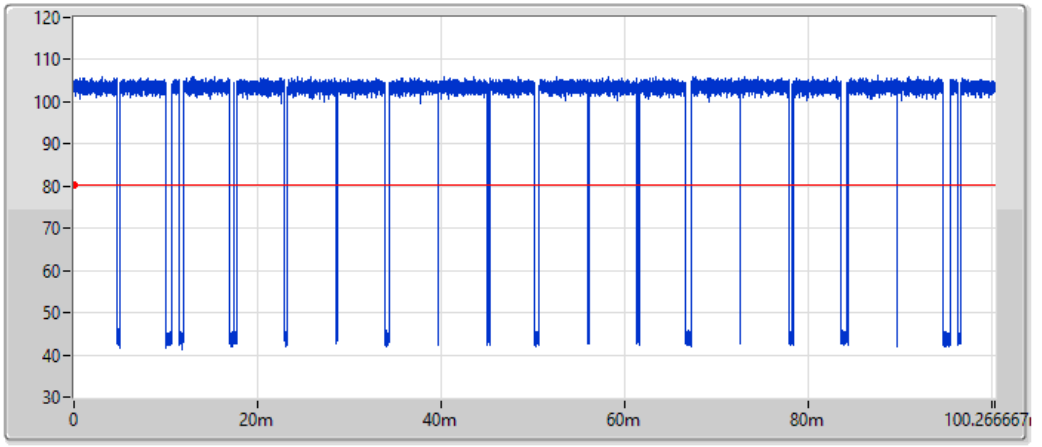
DC;be80;BWch:80



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.065G	8M	8M	100.267m	32001	3.133344u	77.706925m	0.775

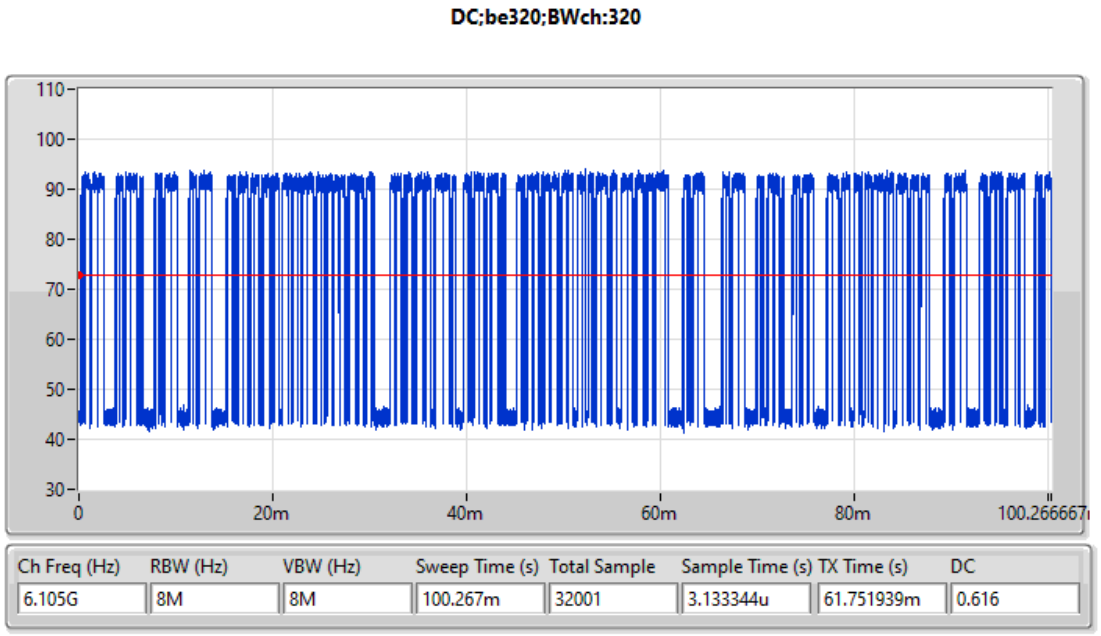
Bandwidth: 160MHz

DC;be160;BWch:160



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.025G	8M	8M	100.267m	32001	3.133344u	92.803375m	0.926

Bandwidth: 320MHz



THE END