Testing Laboratory 3787

AFC DUT TEST HARNESS REPORT

FCC ID	:	HZB-MEGA6
Equipment	:	EdgeAX 6GHz Radio Module
Brand Name	:	Proxim Wireless
Model Name	:	EdgeAX6
Applicant	:	Proxim Wireless Corporation 2114 Ringwood Ave, San Jose, CA 95131, United States of America
Manufacturer	:	Proxim Wireless Corporation 2114 Ringwood Ave, San Jose, CA 95131, United States of America
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 13, 2025, and testing was started from Oct. 30, 2025 and completed on Oct. 31, 2025. 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

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Appendix A. Tools Report

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
F3531920AB	01	Initial issue of report	Dec. 12, 2025

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 CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_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	-
-	3.1.4	CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_320MHz_10718_1	N/A	-
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: Sandy Chuang

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
Condition of EUT	☐ Indoor ☒ Outdoor
Professional Installation	☒ Yes ☐ No
DUT Firmware version	proxim-fw-sx3-v12-rc3
DUT Software version	N/A
DUT Hardware version	N/A
Proxy Firmware version	N/A
Proxy Software version	N/A
Proxy Hardware version	N/A

1.2 Antenna Information

Ant.	Measure Port (Port of EUT)		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	V	H					
1	1 (J4)	2 (J6)	Signal Plus Technology	6385F00003	PCB	I-Pex	Note 2
2	1 (J4)	2 (J6)	Signal Plus Technology	6385F00001	Panel	I-Pex	
3	1 (J2)	2 (J5)	Lanbowan	ANT5171D19K-DDP	Sector	Reverse SMA	
4	1 (J2)	2 (J5)	Lanbowan	ANT4971D30P6-MIMO	Dish	Reverse SMA	
5	1 (J4)	2 (J6)	Signal Plus Technology	6385F00008	Sector	I-Pex	

Note 1: V indicates that the antenna is vertically polarized.

H indicates that the antenna is horizontally polarized.

Note 2:

Ant.	Antenna Gain (dBi)		Cable Loss (dB)		
	UNII5	UNII7	I-pax cable	N-TYPE cable	SMA cable
1	16.65	16.64	-	-	-
2	21.83	22.1	-	-	-
3	19	19	1.4	1.84	-
4	31	31	1.4	-	1.75
5	15.5	15.7	-	-	-

Ant.	Net Gain (dBi)		Remark
	UNII5	UNII7	
1	16.65	16.64	Internal Ant.
2	21.83	22.1	Internal Ant.
3	15.76	15.76	External Ant.
4	27.85	27.85	External Ant.
5	15.5	15.7	Internal Ant.

Note 3: The above information was declared by manufacturer.

Note 4: 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	$Directional\ Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sp}}\left[\sum_{k=1}^{N_{ANT}} G_{j,k}\right]^2}{N_{ANT}}\right]$
BF	$Directional\ Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sp}}\left[\sum_{k=1}^{N_{ANT}} G_{j,k}\right]^2}{N_{ANT}}\right]$	$Directional\ Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{sp}}\left[\sum_{k=1}^{N_{ANT}} G_{j,k}\right]^2}{N_{ANT}}\right]$

Ex.

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

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

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

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

Where ;

Cross-Polarized Antenna

ANT1

6G UNII-5 G1= 16.65 dBi ; G2= 16.65 dBi ;DG= 16.65dBi

6G UNII-7 G1= 16.64 dBi ; G2= 16.64 dBi ;DG= 16.64dBi

ANT2

6G UNII-5 G1= 21.83 dBi ; G2= 21.83 dBi ;DG= 21.83dBi

6G UNII-7 G1= 22.1 dBi ; G2= 22.1 dBi ;DG= 22.1dBi

ANT3

6G UNII-5 G1= 15.76 dBi ; G2= 15.76 dBi ;DG= 15.76dBi

6G UNII-7 G1= 15.76 dBi ; G2= 15.76 dBi ;DG= 15.76dBi

ANT4

6G UNII-5 G1= 27.85 dBi ; G2= 27.85 dBi ;DG= 27.85dBi

6G UNII-7 G1= 27.85 dBi ; G2= 27.85 dBi ;DG= 27.85dBi

<For WLAN 6GHz>

For IEEE 802.11ax mode (2TX/2RX)

For Ant. 1, Ant. 2 and Ant. 5

Port 1 and Port 3 can be used as transmitting/receiving antenna.

Port 1 and Port 3 could transmit/receive simultaneously.

For Ant. 3 and Ant. 4

Port 2 and Port 4 can be used as transmitting/receiving antenna.

Port 2 and Port 4 could transmit/receive simultaneously.

1.3 Table for Host Information

The EUT will be used in the following host:

Host No.	3	4	2	1
Equipment Name	Stratum™ X3			Stratum™ X1
Model Name	SX3-2029B-US	SX3-2020A-US	SX3-2021A-US	SX1-2023C-US
Ethernet Port	Gigabit port*3	Gigabit port*3	Gigabit port*3	Gigabit port*1
Antenna	Ant5. Integrated sector antenna	Ant3. External sector antenna Ant4. External dish antenna	Ant2. Integrated Panel antenna Ant3. External sector antenna Ant4. External dish antenna	Ant1. Integrated PCB antenna Ant4. External dish antenna
RP-SMA connectors	X	V	V	V
Ethernet Controller	External QCA8337N ethernet controller and an ethernet port extension daughter board			IPQ5018 internal ethernet controller
Note	All the models are electrically identical and share the same PCB with additional components populated on PCBA.			

Note 1: The EUT was integrated into the host to perform the testing.
Note 2: From above models, model SX3-2021A-US (Host 2) and SX3-2029B-US (Host 3) were selected to test.
Note 3: The above information was declared by manufacturer.

1.4 Accessories

N/A

1.5 Support Equipment

For model SX3-2021A-US (Host 2):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Stratum™ X3	Proxim	SX3-2021A-US	N/A
D	Stratum™ X1	Proxim	SX1-2023C-US	N/A
E	PoE	Proxim	RP025-5600536YG	N/A
F	GNSS Simulator	spectracom	GSG-5 Series	N/A

For model SX3-2029B-US (Host 3):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Stratum™ X3	Proxim	SX3-2029B-US	N/A
D	Stratum™ X1	Proxim	SX1-2023C-US	N/A
E	PoE	Proxim	RP025-5600536YG	N/A
F	GNSS Simulator	spectracom	GSG-5 Series	N/A

Note: The PoE below is for measurement only, would not be marketed.

The PoE information as below:

Support Unit	Brand	Model Name
PoE	Proxim	RP025-5600536YG

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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	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	22.1-22.7 / 61-66	Oct. 30, 2025~ Oct. 31, 2025

2 Measurement Environment

Measurement Environment Information	
AFC DUT Test Harness version	2.0.65.184

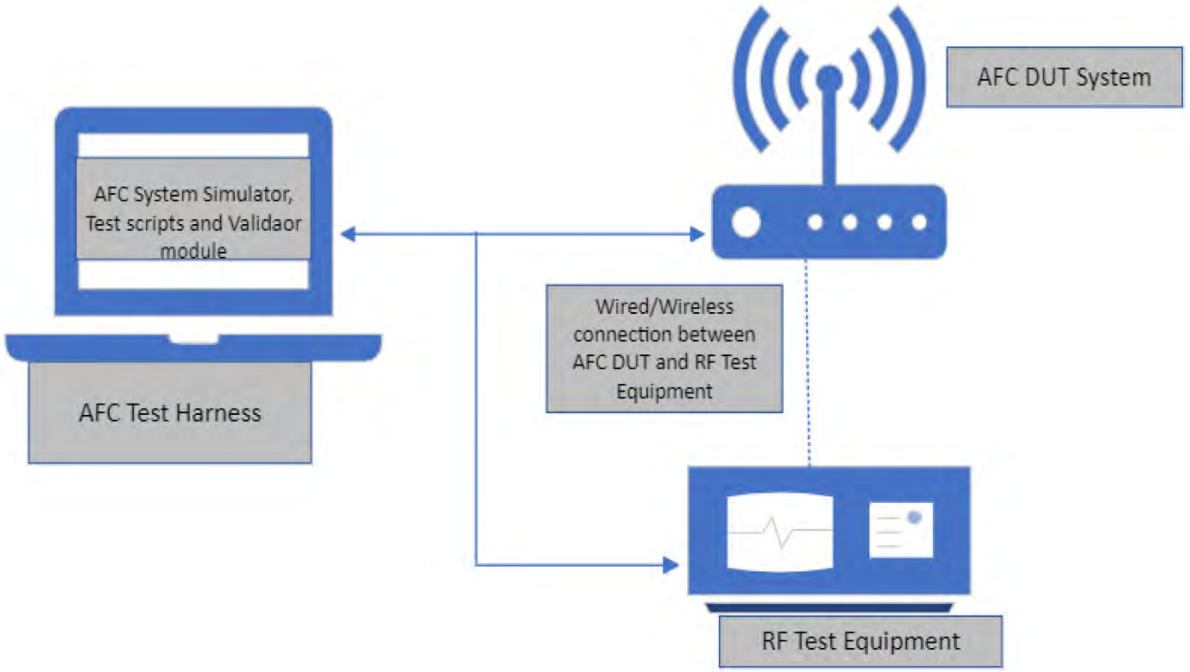
2.1 AFCD General Capabilities Declaration

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?	In band
11	Does the AFC DUT supports 320 MHz channel width operation?	No

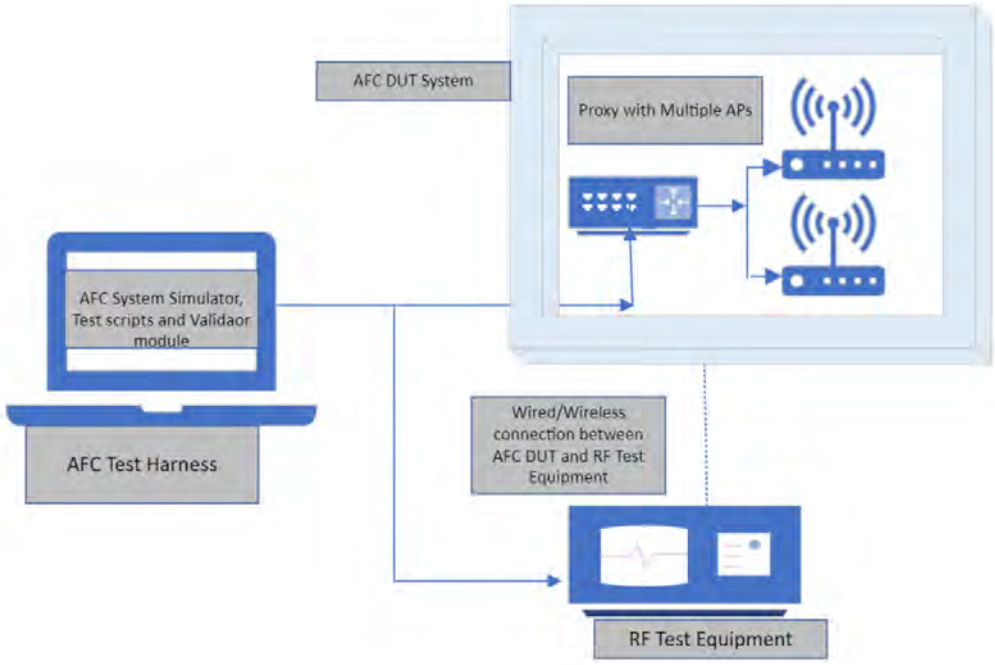
Note: The above information was declared by manufacturer.

2.2 Test Configuration

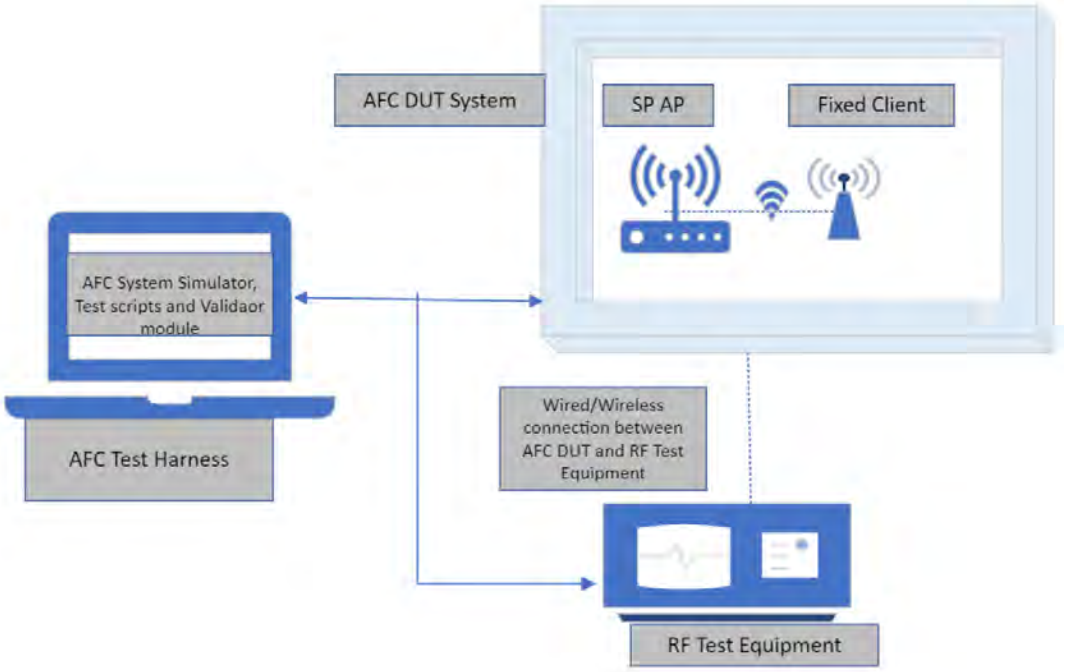
Standard Power Access Point Test Setup



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	100979	9kHz~40GHz	May 27, 2025	May 26, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 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	Proxim Wireless
DUT Product Model	EdgeAX6

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)(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

Measurement 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

Measurement 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

Measurement 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

Measurement 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

Measurement 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

Measurement 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_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 33 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_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_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 (15.0 dBm/MHz PSD, 28.0 dBm EIRP) on channel 69 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_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_SP_OPERATION_2	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (9.1 dBm/MHz PSD, 22.1 dBm EIRP) on channel 157 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

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

Measurement 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

Measurement 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 (9.4 dBm/MHz PSD, 31.4 dBm EIRP) on channel center frequency index 143 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 (8.3 dBm/MHz PSD, 30.3 dBm EIRP) on channel	true	PASS

	center frequency index 79 bandwidth 160.		
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

Measurement 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 (10.7 dBm/MHz PSD, 29.7 dBm EIRP) on channel center frequency index 39 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 (9.9 dBm/MHz PSD, 28.9 dBm EIRP) on channel center frequency index 151 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

Measurement 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 (9.3 dBm/MHz PSD, 25.3 dBm EIRP) on channel	true	PASS

	center frequency index 35 bandwidth 40.		
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 (8.6 dBm/MHz PSD, 24.6 dBm EIRP) on channel center frequency index 171 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 (12.6 dBm/MHz PSD, 25.6 dBm EIRP) on channel 33 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 (21.8 dBm/MHz PSD, 34.8 dBm EIRP) on channel 177 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 DUT Compliance Test Report

DUT Information

AFC DUT System	Fixed Client
DUT Vendor Name	Proxim Wireless
DUT Product Model	EdgeAX6

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)(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_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 133 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 (11.1 dBm/MHz PSD, 24.1 dBm EIRP) on channel 85 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_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_SP_OPERATION_2	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (9.1 dBm/MHz PSD, 22.1 dBm EIRP) on channel 129 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

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 (8.4 dBm/MHz PSD, 30.4 dBm EIRP) on channel center frequency index 143 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 (8.6 dBm/MHz PSD, 30.6 dBm EIRP) on channel	true	PASS

	center frequency index 79 bandwidth 160.		
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

Measurement 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 (9.7 dBm/MHz PSD, 28.7 dBm EIRP) on channel center frequency index 39 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 (9.2 dBm/MHz PSD, 28.2 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

Measurement 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 (15.3 dBm/MHz PSD, 31.3 dBm EIRP) on channel	true	PASS

	center frequency index 35 bandwidth 40.		
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 (10.1 dBm/MHz PSD, 26.1 dBm EIRP) on channel center frequency index 155 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 (12.1 dBm/MHz PSD, 25.1 dBm EIRP) on channel 33 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 (19.0 dBm/MHz PSD, 32.0 dBm EIRP) on channel 165 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

############################## 2025-10-30T02:30:11Z ##############################


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{
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        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 3032593595,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
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                            "longitude": 121.0197408
                        },
                        "majorAxis": 25,
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        "indoorDeployment": 2
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    "inquiredFrequencyRange": [
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            "highFrequency": 6425
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        {
            "lowFrequency": 6525,
            "highFrequency": 6875
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    "inquiredChannels": [
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                53,
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                73,
                77,
                81,
                85,
                89,
```

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                117,
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                125,
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                133,
                137,
                141,
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                153,
                157,
                161,
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                169,
                173,
                177,
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                131,
                139,
                147,
                155,
                163,
```

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                171,
                179
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                135,
                151,
                167
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                79,
                143
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    ],
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"vendorExtensions": [
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    "parameters": {
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  }
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{
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                        "lowFrequency": 6105
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                    "frequencyRange": {
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                        "lowFrequency": 6145
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                {
                    "frequencyRange": {
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                        "lowFrequency": 6165
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            "frequencyRange": {
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                77,
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            121,
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            141,
            145,
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            169,
            173,
            177,
            181
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            29.0,
            27.6,
            26.7,
            27.0,
            25.2,
            27.9,
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            21.8,
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            30.1,
            32.7,
            33.8,
            25.9,
            32.2,
            27.8,
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            33.2,
            33.9,
            25.2,
            29.5,
            34.9,
            28.8,
            33.7,
            25.0
        ]
    },
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            131,
            139,
            147,
            155,
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            171,
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            29.7,
            28.2,
            29.5,
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            33.1,
            28.9,
            30.8,
            26.6,
            36.0,
            28.2,
            31.8,
            28.0
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                    31.9,
                    29.6,
                    31.2
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.1,
                    30.8,
                    32.6
                ]
            }
        ],
        "requestId": 3032593595,
        "availabilityExpireTime": "2025-10-31T02:30:12Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-30T02:35:51Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
```

```
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 3372350247,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448095,
                            "longitude": 121.0197398
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7.4,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
```

```
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "channelCfi": [
            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
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132
    },
    {
        "channelCfi": [
            39,
            55,
```

```
                                71,
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-30T02:35:51Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 6125,
                "lowFrequency": 6105
            },
            "maxPsd": 11.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6145,
                "lowFrequency": 6125
            },
            "maxPsd": 12.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6165,
                "lowFrequency": 6145
            },
            "maxPsd": 18.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6185,
                "lowFrequency": 6165
            },
            "maxPsd": 14.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6205,
                "lowFrequency": 6185
            },
            "maxPsd": 14.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 16.8
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 20.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
```

```
            "lowFrequency": 6405
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
```

```
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 8.8
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 21.3
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 15.8
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 21.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 12.9
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            24.8,
            25.3,
            31.0,
            27.6,
            27.8,
            26.5,
            23.5,
            25.5,
            25.3,
            29.8,
            25.8,
            34.5,
            23.3,
            22.0,
            33.6,
            29.9,
            28.9,
            28.5,
            26.1,
            29.8,
            22.9,
            34.2,
```

```
            25.3,
            23.7,
            28.1,
            21.8,
            27.2,
            34.3,
            21.2,
            22.0,
            28.8,
            34.8,
            25.9
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            27.8,
            30.6,
            29.5,
```

```
                26.5,
                28.3,
                28.8,
                25.0,
                32.9,
                29.1,
                25.9,
                28.3,
                26.7,
                24.8,
                24.2,
                25.0,
                28.9
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                30.8,
                29.5,
                31.3,
                28.0,
                28.9,
                27.8,
                27.2
            ]
        },
        {
```

```
                    "channelCfi": [
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        32.5,
                        31.0,
                        30.8
                    ]
                }
            ],
            "requestId": 3372350247,
            "availabilityExpireTime": "2025-10-31T02:35:51Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1


```
############################## 2025-10-30T03:22:43Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1464",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 860020568,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448105,
                            "longitude": 121.0197395
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 8,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-30T03:22:43Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 9.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 19.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 17.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 20.2
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 15.2
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 8.6
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 18.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 16.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 14.9
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 16.8
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 17.5
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 17.1
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 13.3
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 20.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            22.3,
            32.4,
            30.4,
            21.5,
            23.8,
            21.6,
            23.1,
            29.3,
            33.2,
            22.5,
            28.2,
            21.6,
            29.9,
            31.1,
```

```
                24.5,
                23.0,
                29.5,
                33.0,
                29.0,
                29.8,
                22.5,
                24.5,
                29.4,
                24.2,
                27.9,
                29.8,
                30.5,
                30.1,
                25.5,
                26.3,
                21.4,
                23.5,
                33.1
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.3,
            24.5,
            24.6,
            26.1,
            25.5,
            24.6,
            32.9,
            26.0,
            32.0,
            25.5,
            27.5,
            27.2,
            32.8,
            28.5,
            24.4,
            26.5
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.5,
            27.6,
```

```
                    27.6,
                    29.0,
                    28.5,
                    30.2,
                    27.4
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.5,
                    30.6,
                    31.5
                ]
            }
        ],
        "requestId": 860020568,
        "availabilityExpireTime": "2025-10-31T03:22:43Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2025-10-30T03:36:24Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1681716622,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448117,
                            "longitude": 121.0197383
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7.6,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-30T03:36:24Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 8.4
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 11.1
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 20.8
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 14.7
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 12.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 9.7
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
```

```
                "lowFrequency": 6825
            },
            "maxPsd": 14.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            34.8,
            35.0,
            21.9,
            22.4,
            21.4,
            24.1,
            34.0,
            27.2,
            33.8,
            27.7,
            27.7,
            29.0,
            34.5,
            26.8,
            30.1,
            30.9,
            25.9,
            32.7,
            30.0,
            26.7,
            33.8,
            29.9,
            29.7,
```

```
                23.0,
                29.5,
                22.7,
                32.5,
                23.7,
                34.0,
                21.6,
                31.7,
                27.7,
                21.8
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                36.0,
                24.9,
                24.4,
                30.2,
```

```
            30.7,
            30.7,
            29.8,
            33.1,
            33.0,
            29.7,
            32.7,
            26.0,
            25.7,
            26.7,
            24.6,
            24.8
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.9,
            27.4,
            33.7,
            32.8,
            32.7,
            28.7,
            27.6
        ]
    },
    {
        "channelCfi": [
```

```
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.4,
                        35.8,
                        31.7
                    ]
                }
            ],
            "requestId": 1681716622,
            "availabilityExpireTime": "2025-10-31T03:36:24Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1

############################## 2025-10-30T05:50:24Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1131705311,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448103,
                            "longitude": 121.0197397
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 7.8,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-30T05:50:24Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 21.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 10.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 16.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 14.9
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.6
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.8
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 12.3
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 10.8
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 13.0
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.8
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 16.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            34.8,
            23.7,
            29.5,
            26.7,
            29.0,
            29.3,
            33.9,
            30.7,
            27.9,
            33.6,
            21.8,
            31.8,
            25.5,
            23.1,
```

```
                24.1,
                23.0,
                28.8,
                28.1,
                24.3,
                30.7,
                28.1,
                22.7,
                22.0,
                31.7,
                25.3,
                23.1,
                23.8,
                26.0,
                33.9,
                22.8,
                21.6,
                29.0,
                27.4
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            26.7,
            29.7,
            32.0,
            33.7,
            30.9,
            24.8,
            26.1,
            26.0,
            27.3,
            31.1,
            25.0,
            28.3,
            26.1,
            29.0,
            24.6,
            30.4
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            29.7,
            35.0,
```

```
                    27.8,
                    29.0,
                    28.0,
                    29.1,
                    27.6
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    32.7,
                    30.8,
                    31.0
                ]
            }
        ],
        "requestId": 1131705311,
        "availabilityExpireTime": "2025-10-31T05:50:24Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-30T06:20:08Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1464",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 986705378,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448108,
                            "longitude": 121.0197402
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 8,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-30T06:20:08Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 16.0
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 14.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.6
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 8.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 15.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 18.7
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 10.1
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
```

```
                "lowFrequency": 6825
            },
            "maxPsd": 16.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            34.8,
            23.7,
            29.5,
            26.7,
            29.0,
            29.3,
            33.9,
            30.7,
            27.9,
            33.6,
            21.8,
            31.8,
            25.5,
            23.1,
            24.1,
            23.0,
            28.8,
            28.1,
            24.3,
            30.7,
            28.1,
            22.7,
            22.0,
```

```
            31.7,
            25.3,
            23.1,
            23.8,
            26.0,
            33.9,
            22.8,
            21.6,
            29.0,
            27.4
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            26.7,
            29.7,
            32.0,
            33.7,
```

```
            30.9,
            24.8,
            26.1,
            26.0,
            27.3,
            31.1,
            25.0,
            28.3,
            26.1,
            29.0,
            24.6,
            30.4
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            29.7,
            35.0,
            27.8,
            29.0,
            28.0,
            29.1,
            27.6
        ]
    },
    {
        "channelCfi": [
```

```
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    32.7,
                    30.8,
                    31.0
                ]
            }
        ],
        "requestId": 986705378,
        "availabilityExpireTime": "2025-10-31T06:20:08Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-30T06:22:24Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.226",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1465",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
```

```
"requestId": 1123191667,
"deviceDescriptor": {
    "serialNumber": "44b7d0c54eb3",
    "certificationId": [
        {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "HZB-MEGA6"
        }
    ]
},
"location": {
    "ellipse": {
        "center": {
            "latitude": 24.84481,
            "longitude": 121.0197413
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0
    },
    "elevation": {
        "height": 7.9,
        "heightType": "AMSL",
        "verticalUncertainty": 78.47000122070312
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
```

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

```
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-10-30T06:22:24Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 21.8
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 10.7
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 13.7
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 20.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 8.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
```

```
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 15.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 9.7
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
```

```
            "lowFrequency": 6745
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
            "lowFrequency": 6825
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6865,
            "lowFrequency": 6845
        },
```

```
            "maxPsd": 14.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            34.8,
            23.7,
            29.5,
            26.7,
            29.0,
            29.3,
            33.9,
            30.7,
            27.9,
            33.6,
            21.8,
            31.8,
            25.5,
            23.1,
            24.1,
            23.0,
            28.8,
            28.1,
            24.3,
            30.7,
            28.1,
            22.7,
            22.0,
            31.7,
            25.3,
            23.1,
            23.8,
            26.0,
            33.9,
            22.8,
            21.6,
            29.0,
```

```
                27.4
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                26.7,
                29.7,
                32.0,
                33.7,
                30.9,
                24.8,
                26.1,
                26.0,
                27.3,
                31.1,
                25.0,
                28.3,
                26.1,
```

```
                29.0,
                24.6,
                30.4
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                29.7,
                35.0,
                27.8,
                29.0,
                28.0,
                29.1,
                27.6
            ]
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                32.7,
                30.8,
                31.0
```

```
                        ]
                    }
                ],
                "requestId": 1123191667,
                "availabilityExpireTime": "2025-10-31T06:22:24Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################## 2025-10-30T06:33:23Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1464",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1781945102,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
```

```
},
"location": {
    "ellipse": {
        "center": {
            "latitude": 24.844809,
            "longitude": 121.0197417
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0
    },
    "elevation": {
        "height": 8,
        "heightType": "AMSL",
        "verticalUncertainty": 78.47000122070312
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "channelCfi": [
            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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
```

```
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
```

```
        ],
        "vendorExtensions": [
            {
                "extensionId": "afcSystemParameters",
                "parameters": {
                    "asynchronousTimeout": 10
                }
            }
        ]
    }
}

############################## 2025-10-30T06:33:23Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 13.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 20.6
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 12.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
```

```
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 9.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 13.3
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 8.9
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 10.7
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 11.9
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
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    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
```

```
            "lowFrequency": 6665
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
```

```
            "maxPsd": 10.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 10.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 20.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
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        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 17.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            26.0,
            33.6,
            25.6,
            21.9,
```

```
                34.4,
                24.6,
                25.3,
                33.0,
                23.4,
                35.0,
                31.8,
                22.6,
                26.3,
                26.9,
                23.6,
                21.9,
                23.7,
                24.9,
                21.3,
                30.5,
                30.6,
                24.4,
                21.9,
                25.7,
                22.9,
                26.6,
                31.5,
                30.0,
                23.3,
                23.8,
                33.6,
                29.7,
                30.0
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
```

```
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                29.0,
                24.9,
                27.6,
                28.3,
                26.4,
                25.6,
                29.3,
                24.9,
                24.3,
                33.5,
                24.9,
                25.9,
                29.6,
                26.3,
                26.8,
                32.7
            ]
        },
        {
            "channelCfi": [
                39,
                55,
```

```
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.9,
                30.6,
                28.6,
                27.9,
                27.9,
                28.9,
                29.3
            ]
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.9,
                30.9,
                30.9
            ]
        }
    ],
    "requestId": 1781945102,
    "availabilityExpireTime": "2025-10-31T06:33:23Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
```

}

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1

############################## 2025-10-30T08:46:44Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2073451652,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448097,
                            "longitude": 121.0197387
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 7.5,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-30T08:46:44Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 10.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 13.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 15.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 13.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 16.8
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 20.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 14.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 13.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 18.8
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 9.6
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 15.7
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 18.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 19.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 13.5
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            23.2,
            26.7,
            28.0,
            34.6,
            26.6,
            27.2,
            25.8,
            24.6,
            26.6,
            22.1,
            29.8,
            29.3,
            23.6,
            21.2,
```

```
            26.0,
            24.2,
            33.5,
            22.7,
            26.0,
            27.4,
            27.9,
            22.4,
            34.1,
            24.5,
            26.4,
            31.8,
            22.6,
            21.4,
            31.2,
            28.7,
            31.2,
            32.1,
            26.5
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            26.2,
            31.0,
            29.6,
            27.6,
            25.1,
            32.3,
            24.2,
            27.2,
            25.7,
            30.4,
            25.4,
            27.5,
            25.6,
            24.4,
            31.7,
            29.5
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            29.2,
            30.6,
```

```
                    28.1,
                    27.2,
                    28.4,
                    28.6,
                    27.4
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    32.2,
                    30.2,
                    31.4
                ]
            }
        ],
        "requestId": 2073451652,
        "availabilityExpireTime": "2025-10-31T08:46:44Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-30T08:56:45Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2674468916,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448098,
                            "longitude": 121.0197392
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7.7,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-10-30T08:56:45Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 12.8
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 8.0
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.6
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 17.0
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 13.2
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 13.5
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 20.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
```

```
                "lowFrequency": 6825
            },
            "maxPsd": 11.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 20.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            27.0,
            21.6,
            25.8,
            34.0,
            25.8,
            21.0,
            29.4,
            27.6,
            34.7,
            21.3,
            23.0,
            24.6,
            22.2,
            23.3,
            23.2,
            24.3,
            32.7,
            31.4,
            28.8,
            21.7,
            30.0,
            26.2,
            25.4,
```

```
                21.3,
                29.9,
                26.5,
                34.3,
                33.0,
                24.4,
                29.6,
                33.5,
                24.2,
                33.6
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                24.6,
                28.8,
                24.0,
                30.6,
```

```
                24.3,
                26.0,
                25.2,
                26.2,
                31.8,
                24.7,
                28.4,
                24.3,
                29.5,
                27.4,
                32.6,
                27.2
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.6,
                27.0,
                27.3,
                28.2,
                27.7,
                27.3,
                30.4
            ]
        },
        {
            "channelCfi": [
```

```
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.0,
                        30.3,
                        30.3
                    ]
                }
            ],
            "requestId": 2674468916,
            "availabilityExpireTime": "2025-10-31T08:56:45Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUSA32_FrequencyChannel_10658_1


```
############################## 2025-10-30T09:20:15Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 4085049342,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448105,
                            "longitude": 121.0197388
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 7.5,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-30T09:20:15Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 4085049342,
            "availabilityExpireTime": "2025-10-31T09:20:15Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1


```
############################## 2025-10-30T09:23:00Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 4249437765,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448097,
                            "longitude": 121.019738
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 7.5,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-30T09:23:00Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 14.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 21.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 16.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 8.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 15.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 20.0
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 15.0
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 14.7
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 10.7
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 13.2
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 15.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 13.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 9.0
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 15.0
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 15.8
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 19.6
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 17.2
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 8.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 13.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 16.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            27.6,
            34.9,
            29.4,
            24.1,
            27.2,
            21.0,
            28.0,
            21.7,
            33.0,
            28.0,
            27.7,
            31.2,
            23.7,
            26.2,
```

```
            24.4,
            28.3,
            34.0,
            21.3,
            27.8,
            23.8,
            26.8,
            25.8,
            22.5,
            25.3,
            22.0,
            28.9,
            28.0,
            28.8,
            32.6,
            30.2,
            21.4,
            26.0,
            29.0
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.6,
            27.1,
            24.0,
            24.7,
            31.0,
            30.7,
            26.7,
            27.4,
            24.3,
            26.8,
            25.5,
            25.0,
            31.0,
            31.8,
            24.4,
            29.0
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            30.1,
            27.0,
```

```
                    33.7,
                    29.7,
                    28.5,
                    28.0,
                    27.4
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.0,
                    32.7,
                    31.0
                ]
            }
        ],
        "requestId": 4249437765,
        "availabilityExpireTime": "2025-10-31T09:23:00Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-30T09:32:49Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 87748954,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448085,
                            "longitude": 121.0197398
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7.7,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-30T09:34:26Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 8.2
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 17.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 9.3
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.9
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 19.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 17.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 15.5
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 14.7
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 20.4
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 16.6
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
```

```
                "lowFrequency": 6825
            },
            "maxPsd": 19.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 9.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            21.3,
            34.9,
            28.3,
            31.3,
            21.2,
            22.1,
            30.4,
            22.3,
            31.5,
            22.9,
            34.2,
            35.0,
            25.1,
            23.2,
            32.5,
            32.6,
            30.8,
            29.3,
            26.0,
            30.6,
            28.5,
            31.4,
            27.7,
```

```
                33.4,
                23.6,
                29.6,
                22.1,
                31.2,
                34.1,
                21.3,
                25.1,
                32.8,
                22.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                24.3,
                31.3,
                24.2,
                25.3,
```

```
                25.9,
                36.0,
                26.2,
                35.5,
                29.0,
                31.5,
                30.7,
                26.6,
                25.1,
                34.2,
                24.3,
                25.3
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.3,
                27.2,
                28.9,
                29.2,
                33.7,
                28.1,
                27.3
            ]
        },
        {
            "channelCfi": [
```

```
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.2,
                    31.9,
                    31.1
                ]
            }
        ],
        "requestId": 87748954,
        "availabilityExpireTime": "2025-10-31T09:34:26Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2025-10-30T09:35:03Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
```

```
"requestId": 312152953,
"deviceDescriptor": {
    "serialNumber": "44b7d0c54eb3",
    "certificationId": [
        {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "HZB-MEGA6"
        }
    ]
},
"location": {
    "ellipse": {
        "center": {
            "latitude": 24.8448095,
            "longitude": 121.0197392
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0
    },
    "elevation": {
        "height": 7.5,
        "heightType": "AMSL",
        "verticalUncertainty": 78.47000122070312
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
```

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

```
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-10-30T09:35:03Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 8.3
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 21.9
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 15.3
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 18.3
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
```

```
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 19.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 17.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 16.3
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 13.0
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 17.6
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 15.5
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 18.4
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
```

```
            "lowFrequency": 6745
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
            "lowFrequency": 6825
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6865,
            "lowFrequency": 6845
        },
```

```
            "maxPsd": 9.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
        21.3,
        34.9,
        28.3,
        31.3,
        21.2,
        22.1,
        30.4,
        22.3,
        31.5,
        22.9,
        34.2,
        35.0,
        25.1,
        23.2,
        32.5,
        32.6,
        30.8,
        29.3,
        26.0,
        30.6,
        28.5,
        31.4,
        27.7,
        33.4,
        23.6,
        29.6,
        22.1,
        31.2,
        34.1,
        21.3,
        25.1,
        32.8,
```

```
                22.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                24.3,
                31.3,
                24.2,
                25.3,
                25.9,
                36.0,
                26.2,
                35.5,
                29.0,
                31.5,
                30.7,
                26.6,
                25.1,
```

```
                34.2,
                24.3,
                25.3
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.3,
                27.2,
                28.9,
                29.2,
                33.7,
                28.1,
                27.3
            ]
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.2,
                31.9,
                31.1
```

```
                        ]
                    }
                ],
                "requestId": 312152953,
                "availabilityExpireTime": "2025-10-31T09:35:03Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1

############################## 2025-10-31T01:51:55Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2486209182,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448095,
                            "longitude": 121.019736
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 9.5,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-31T01:51:55Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 23
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
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    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
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        },
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            "lowFrequency": 6565
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
```

```
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6665
        },
        "maxPsd": 23
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            "lowFrequency": 6685
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 23
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
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},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 23
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 23
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 23
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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,
            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,
```

```
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                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
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0,
                36.0
            ]
        },
```

```
                {
                    "channelCfi": [
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        36.0,
                        36.0,
                        36.0
                    ]
                }
            ],
            "requestId": 2486209182,
            "availabilityExpireTime": "2025-11-01T01:51:55Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2025-10-31T02:08:05Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
```

```
"availableSpectrumInquiryRequests": [
    {
        "requestId": 386252048,
        "deviceDescriptor": {
            "serialNumber": "44b7d0c54eb3",
            "certificationId": [
                {
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                    "id": "HZB-MEGA6"
                }
            ]
        },
        "location": {
            "ellipse": {
                "center": {
                    "latitude": 24.8448078,
                    "longitude": 121.0197388
                },
                "majorAxis": 25,
                "minorAxis": 25,
                "orientation": 0
            },
            "elevation": {
                "height": 7.8,
                "heightType": "AMSL",
                "verticalUncertainty": 78.47000122070312
            },
            "indoorDeployment": 2
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 6105,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
                "highFrequency": 6875
```

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

```
                {
                    "channelCfi": [
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134
                }
            ],
            "minDesiredPower": -10
        }
    ],
    "vendorExtensions": [
        {
            "extensionId": "afcSystemParameters",
            "parameters": {
                "asynchronousTimeout": 10
            }
        }
    ]
  }
}

##############################  2025-10-31T02:08:05Z  ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": 386252048,
      "availabilityExpireTime": "2025-11-01T02:08:05Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
```

```
    ],
    "version": "1.4"
}
```

AFC capability - Inquired Frequency & Channel

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1

############################## 2025-10-31T07:24:26Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1040702458,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448117,
                            "longitude": 121.0197413
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
```

```
            "orientation": 0
        },
        "elevation": {
            "height": 8.5,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
```

```
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
```

```
    }
}

############################## 2025-10-31T07:24:26Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 12.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 16.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 10.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 21.9
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.1
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 19.7
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 20.1
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
```

```
            "lowFrequency": 6585
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 8.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
```

```
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 13.2
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 18.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 10.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 14.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            25.1,
            29.3,
            23.8,
            30.4,
            24.2,
            24.3,
            21.6,
            22.9,
            34.9,
            33.1,
            32.7,
            31.5,
            31.2,
```

```
            33.1,
            31.8,
            22.4,
            24.6,
            25.0,
            31.6,
            27.7,
            24.5,
            21.8,
            25.2,
            28.1,
            25.3,
            26.1,
            34.1,
            32.5,
            30.5,
            26.2,
            31.9,
            23.5,
            27.0
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
```

```
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.1,
            26.8,
            27.2,
            24.6,
            36.0,
            34.5,
            34.2,
            25.4,
            28.0,
            27.5,
            24.8,
            28.3,
            29.1,
            33.5,
            29.2,
            26.5
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            29.8,
```

```
                    27.6,
                    36.0,
                    28.4,
                    27.8,
                    31.3,
                    32.2
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.6,
                    31.4,
                    30.8
                ]
            }
        ],
        "requestId": 1040702458,
        "availabilityExpireTime": "2025-11-01T07:24:26Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-31T07:38:54Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
```

```
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1909081822,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448093,
                            "longitude": 121.0197402
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 8,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
```

```
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"inquiredChannels": [
    {
        "channelCfi": [
            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
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132
    },
    {
        "channelCfi": [
            39,
            55,
```

```
                                71,
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-10-31T07:38:54Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 6125,
                "lowFrequency": 6105
            },
            "maxPsd": 19.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6145,
                "lowFrequency": 6125
            },
            "maxPsd": 9.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6165,
                "lowFrequency": 6145
            },
            "maxPsd": 16.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6185,
                "lowFrequency": 6165
            },
            "maxPsd": 22.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6205,
                "lowFrequency": 6185
            },
            "maxPsd": 14.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 18.8
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 15.8
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 17.2
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.1
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
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        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
```

```
            "lowFrequency": 6405
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
```

```
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 11.4
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 15.3
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 18.7
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 16.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 11.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            32.7,
            22.8,
            29.2,
            35.0,
            27.4,
            31.4,
            31.8,
            28.8,
            30.2,
            22.1,
            29.6,
            22.7,
            33.0,
            34.6,
            26.1,
            23.9,
            29.5,
            22.9,
            24.4,
            24.7,
            34.9,
            29.0,
```

```
            24.4,
            28.8,
            27.2,
            24.4,
            26.4,
            28.3,
            32.0,
            27.4,
            31.7,
            29.9,
            24.7
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.8,
            32.2,
            30.4,
```

```
                31.8,
                25.1,
                25.7,
                36.0,
                26.9,
                25.9,
                27.7,
                27.4,
                30.2,
                27.4,
                31.3,
                30.4,
                27.7
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.8,
                33.4,
                28.1,
                29.9,
                30.4,
                30.4,
                33.4
            ]
        },
        {
```

```
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    31.8,
                    31.1,
                    33.4
                ]
            }
        ],
        "requestId": 1909081822,
        "availabilityExpireTime": "2025-11-01T07:38:54Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1


```
############################## 2025-10-31T07:50:13Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2587448203,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448082,
                            "longitude": 121.01974
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 8.7,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-31T07:50:13Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 15.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 17.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 17.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 20.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 14.2
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 14.3
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 17.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 9.9
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 15.3
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 8.1
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 17.1
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 15.2
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 16.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 15.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 21.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            28.3,
            30.8,
            30.6,
            30.9,
            33.7,
            34.1,
            34.3,
            33.4,
            27.2,
            27.3,
            23.1,
            32.5,
            22.0,
            25.1,
```

```
            23.1,
            23.8,
            24.0,
            22.9,
            29.9,
            30.3,
            30.8,
            29.9,
            33.3,
            31.9,
            22.9,
            28.3,
            23.4,
            21.1,
            30.1,
            28.2,
            29.0,
            28.8,
            34.8
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            31.3,
            33.6,
            36.0,
            36.0,
            30.2,
            26.1,
            25.0,
            26.1,
            25.9,
            33.3,
            32.9,
            25.9,
            26.4,
            24.1,
            31.2,
            31.8
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            34.3,
            36.0,
```

```
                    29.1,
                    28.0,
                    35.9,
                    28.9,
                    27.1
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    36.0,
                    31.0,
                    31.9
                ]
            }
        ],
        "requestId": 2587448203,
        "availabilityExpireTime": "2025-11-01T07:50:13Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2025-10-31T07:58:01Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 3055468879,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448118,
                            "longitude": 121.0197387
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-31T07:58:01Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 16.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 19.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.5
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 8.5
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 21.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 19.3
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 8.2
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            "lowFrequency": 6545
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 18.2
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 9.9
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 10.7
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 16.4
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
```

```
                "lowFrequency": 6825
            },
            "maxPsd": 20.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 9.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            27.5,
            29.4,
            29.3,
            32.6,
            26.5,
            21.5,
            24.0,
            27.2,
            34.9,
            32.3,
            22.0,
            31.6,
            32.1,
            22.2,
            34.9,
            34.6,
            21.2,
            32.1,
            33.2,
            31.5,
            31.2,
            25.3,
            25.0,
```

```
                22.9,
                23.7,
                29.4,
                23.1,
                29.5,
                25.0,
                27.9,
                25.2,
                33.6,
                22.0
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                30.5,
                32.3,
                24.5,
                27.0,
```

```
                35.3,
                25.0,
                25.2,
                36.0,
                35.1,
                34.2,
                28.0,
                25.9,
                26.1,
                28.0,
                28.2,
                25.0
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                33.5,
                27.5,
                28.0,
                28.2,
                31.0,
                28.9,
                31.0
            ]
        },
        {
            "channelCfi": [
```

```
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.5,
                    31.0,
                    31.9
                ]
            }
        ],
        "requestId": 3055468879,
        "availabilityExpireTime": "2025-11-01T07:58:01Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1

############################## 2025-10-31T08:10:12Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 3786724168,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448115,
                            "longitude": 121.0197387
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 7.4,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-31T08:10:12Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 14.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 18.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 15.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 19.3
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.7
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 21.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 13.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 21.1
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 16.8
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 12.9
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 19.3
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 18.2
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 9.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 11.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 13.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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,
            31.0,
            28.2,
            22.7,
            26.0,
            26.9,
            30.0,
            29.3,
            32.3,
            33.7,
            25.6,
            25.4,
            30.9,
            25.6,
```

```
                33.3,
                29.7,
                29.3,
                24.2,
                23.4,
                27.2,
                34.7,
                27.7,
                33.3,
                29.9,
                26.8,
                34.1,
                29.8,
                25.9,
                32.3,
                31.2,
                22.7,
                24.6,
                26.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.7,
            25.7,
            29.0,
            32.3,
            35.3,
            28.4,
            28.6,
            32.7,
            26.4,
            30.2,
            30.7,
            29.8,
            32.8,
            28.9,
            25.7,
            27.6
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.7,
            32.0,
```

```
                    31.4,
                    31.6,
                    33.2,
                    32.8,
                    28.7
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    31.7,
                    34.4,
                    35.8
                ]
            }
        ],
        "requestId": 3786724168,
        "availabilityExpireTime": "2025-11-01T08:10:12Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-10-31T08:20:43Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 122839817,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448122,
                            "longitude": 121.0197375
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7.6,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132
    },
    {
        "channelCfi": [
            39,
            55,
            71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-31T08:20:43Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.9
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 9.3
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6345
        },
        "maxPsd": 9.6
    },
    {
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            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
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        "maxPsd": 15.5
    },
    {
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            "lowFrequency": 6405
```

```
        },
        "maxPsd": 16.2
    },
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        },
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    },
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            "lowFrequency": 6545
        },
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    },
    {
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            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6585
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        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6605
        },
        "maxPsd": 16.8
```

```
},
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        "lowFrequency": 6625
    },
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{
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        "lowFrequency": 6645
    },
    "maxPsd": 9.2
},
{
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        "lowFrequency": 6665
    },
    "maxPsd": 16.6
},
{
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        "lowFrequency": 6685
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},
{
    "frequencyRange": {
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        "lowFrequency": 6705
    },
    "maxPsd": 11.6
},
{
```

```
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            "lowFrequency": 6725
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 16.8
    },
    {
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            "lowFrequency": 6765
        },
        "maxPsd": 8.8
    },
    {
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    {
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            "lowFrequency": 6805
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        "maxPsd": 13.7
    },
    {
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```
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            "maxPsd": 12.2
        },
        {
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                "lowFrequency": 6845
            },
            "maxPsd": 20.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            34.2,
            29.0,
            31.9,
            34.1,
            28.9,
            32.0,
            22.3,
            26.5,
            30.9,
            23.9,
            28.1,
            26.5,
            22.6,
            34.5,
            28.5,
            29.2,
            21.3,
            23.5,
            26.9,
            29.0,
            29.8,
            30.1,
            22.2,
```

```
                29.6,
                33.6,
                24.6,
                34.3,
                29.8,
                21.8,
                23.0,
                26.7,
                25.2,
                33.7
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                32.0,
                34.9,
                31.9,
                25.3,
```

```
                26.9,
                29.5,
                25.6,
                31.5,
                26.5,
                32.0,
                25.2,
                32.6,
                27.6,
                24.8,
                26.0,
                28.2
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
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                28.3,
                29.9,
                28.6,
                28.2,
                30.6,
                27.8
            ]
        },
        {
            "channelCfi": [
```

```
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.3,
                        31.6,
                        31.2
                    ]
                }
            ],
            "requestId": 122839817,
            "availabilityExpireTime": "2025-11-01T08:20:43Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1

############################## 2025-10-31T09:11:03Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1084430133,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448107,
                            "longitude": 121.0197378
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 7.7,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-10-31T09:11:04Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 17.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 21.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 14.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 17.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 15.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 15.6
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 16.6
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
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    },
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            "lowFrequency": 6565
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 9.4
    },
    {
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            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
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        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 8.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 18.6
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 13.7
},
{
```

```
            "frequencyRange": {
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                "lowFrequency": 6805
            },
            "maxPsd": 18.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
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            "maxPsd": 15.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            30.0,
            34.9,
            27.0,
            34.6,
            27.8,
            30.2,
            32.7,
            26.3,
            28.6,
            26.5,
            34.2,
            28.6,
            27.2,
            29.6,
```

```
            30.5,
            34.8,
            22.4,
            33.2,
            34.1,
            33.8,
            22.4,
            32.8,
            26.5,
            24.6,
            21.4,
            31.6,
            22.5,
            23.9,
            21.3,
            26.7,
            31.9,
            28.7,
            21.8
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            33.0,
            30.0,
            30.8,
            29.3,
            29.5,
            31.6,
            30.2,
            33.5,
            36.0,
            25.4,
            29.5,
            24.4,
            25.5,
            24.3,
            29.7,
            24.8
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            33.0,
            32.3,
```

```
                    32.5,
                    33.2,
                    28.4,
                    27.4,
                    27.3
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    35.3,
                    35.5,
                    30.4
                ]
            }
        ],
        "requestId": 1084430133,
        "availabilityExpireTime": "2025-11-01T09:11:04Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2025-10-31T09:21:37Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1718230225,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448103,
                            "longitude": 121.0197382
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 7.7,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132
    },
    {
        "channelCfi": [
            39,
            55,
            71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

##############################    2025-10-31T09:21:37Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 8.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 8.6
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 8.8
    },
    {
        "frequencyRange": {
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            "lowFrequency": 6325
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 16.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
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    },
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        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 11.7
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            "lowFrequency": 6545
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 12.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 18.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 16.6
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 14.3
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 19.6
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
```

```
                "lowFrequency": 6825
            },
            "maxPsd": 11.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 13.9
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            31.8,
            32.7,
            26.2,
            21.2,
            28.6,
            32.5,
            28.7,
            27.4,
            21.6,
            29.9,
            21.8,
            34.1,
            29.1,
            31.4,
            23.8,
            31.9,
            24.7,
            28.5,
            33.2,
            25.6,
            31.1,
            29.7,
            26.4,
```

```
                29.6,
                27.3,
                32.6,
                23.0,
                27.6,
                22.3,
                28.8,
                31.9,
                24.3,
                26.9
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                34.8,
                24.2,
                31.6,
                30.4,
```

```
                24.6,
                24.8,
                32.1,
                26.8,
                31.5,
                28.6,
                29.4,
                30.3,
                26.0,
                25.3,
                31.8,
                27.3
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.2,
                33.4,
                27.6,
                29.8,
                31.6,
                29.0,
                28.3
            ]
        },
        {
            "channelCfi": [
```

```
                        47,
                        79,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.2,
                        30.6,
                        32.0
                    ]
                }
            ],
            "requestId": 1718230225,
            "availabilityExpireTime": "2025-11-01T09:21:37Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUSA32_FrequencyChannel_10658_1

############################## 2025-11-01T04:16:17Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1466",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 986215615,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448085,
                            "longitude": 121.0197408
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 8.3,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-11-01T04:16:17Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 986215615,
            "availabilityExpireTime": "2025-11-02T04:16:17Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2025-11-01T04:21:21Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
```

```
"requestId": 1290363734,
"deviceDescriptor": {
    "serialNumber": "44b7d0c54eb3",
    "certificationId": [
        {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "HZB-MEGA6"
        }
    ]
},
"location": {
    "ellipse": {
        "center": {
            "latitude": 24.8448095,
            "longitude": 121.0197407
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0
    },
    "elevation": {
        "height": 8,
        "heightType": "AMSL",
        "verticalUncertainty": 78.47000122070312
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
```

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

```
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-11-01T04:21:21Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 1290363734,
            "availabilityExpireTime": "2025-11-02T04:21:21Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
```

```
}

############################## 2025-11-01T04:26:25Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1594456340,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448082,
                            "longitude": 121.0197408
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
```

```
            "orientation": 0
        },
        "elevation": {
            "height": 8.2,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
```

```
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
  }
],
"vendorExtensions": [
  {
    "extensionId": "afcSystemParameters",
    "parameters": {
      "asynchronousTimeout": 10
    }
  }
]
```

```
    }
}

############################## 2025-11-01T04:26:25Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 1594456340,
            "availabilityExpireTime": "2025-11-02T04:26:25Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2025-11-01T04:31:29Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
```

```
{
    "requestId": 1898365440,
    "deviceDescriptor": {
        "serialNumber": "44b7d0c54eb3",
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "HZB-MEGA6"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "latitude": 24.8448087,
                "longitude": 121.0197408
            },
            "majorAxis": 25,
            "minorAxis": 25,
            "orientation": 0
        },
        "elevation": {
            "height": 8,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
```

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

```
                        "channelCfi": [
                            47,
                            79,
                            143
                        ],
                        "globalOperatingClass": 134
                    }
                ],
                "minDesiredPower": -10
            }
        ],
        "vendorExtensions": [
            {
                "extensionId": "afcSystemParameters",
                "parameters": {
                    "asynchronousTimeout": 10
                }
            }
        ]
    }
}

############################## 2025-11-01T04:31:29Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 1898365440,
            "availabilityExpireTime": "2025-11-02T04:31:29Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
```

```
    "version": "1.4"
}

############################## 2025-11-01T04:36:33Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2202368433,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448093,
                            "longitude": 121.01974
                        },
                        "majorAxis": 25,
```

```
            "minorAxis": 25,
            "orientation": 0
        },
        "elevation": {
            "height": 8.1,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
```

```
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
  }
],
"vendorExtensions": [
  {
    "extensionId": "afcSystemParameters",
    "parameters": {
      "asynchronousTimeout": 10
    }
  }
```

```
            ]
        }
}

############################## 2025-11-01T04:36:33Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 2202368433,
            "availabilityExpireTime": "2025-11-02T04:36:33Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2025-11-01T04:41:37Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
```

```
"availableSpectrumInquiryRequests": [
    {
        "requestId": 2506405425,
        "deviceDescriptor": {
            "serialNumber": "44b7d0c54eb3",
            "certificationId": [
                {
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                    "id": "HZB-MEGA6"
                }
            ]
        },
        "location": {
            "ellipse": {
                "center": {
                    "latitude": 24.8448092,
                    "longitude": 121.0197398
                },
                "majorAxis": 25,
                "minorAxis": 25,
                "orientation": 0
            },
            "elevation": {
                "height": 8.1,
                "heightType": "AMSL",
                "verticalUncertainty": 78.47000122070312
            },
            "indoorDeployment": 2
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 6105,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
                "highFrequency": 6875
```

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

```
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-11-01T04:41:37Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 2506405425,
            "availabilityExpireTime": "2025-11-02T04:41:37Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
```

```
    ],
    "version": "1.4"
}

############################## 2025-11-01T04:46:41Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2810394839,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448097,
                            "longitude": 121.0197388
                        },
```

```
            "majorAxis": 25,
            "minorAxis": 25,
            "orientation": 0
        },
        "elevation": {
            "height": 8.1,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
```

```
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
  }
],
"vendorExtensions": [
  {
    "extensionId": "afcSystemParameters",
    "parameters": {
      "asynchronousTimeout": 10
    }
```

```
                }
            ]
        }
}

############################## 2025-11-01T04:46:41Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": 2810394839,
            "availabilityExpireTime": "2025-11-02T04:46:41Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1

############################## 2025-11-01T04:48:29Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 2918860733,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448093,
                            "longitude": 121.0197392
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 8.1,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-11-01T04:48:29Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 9.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 12.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 14.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 17.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 18.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 13.9
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 20.7
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 14.7
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 11.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 13.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 19.2
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 20.2
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 10.7
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.0
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 20.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 8.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 17.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            22.5,
            25.9,
            27.9,
            30.8,
            31.5,
            30.7,
            33.1,
            31.6,
            26.9,
            22.2,
            33.7,
            29.2,
            27.7,
            24.1,
```

```
            29.5,
            33.4,
            30.5,
            30.4,
            24.4,
            22.4,
            23.8,
            23.2,
            24.1,
            29.3,
            26.7,
            32.2,
            33.2,
            23.7,
            34.6,
            22.0,
            33.0,
            21.5,
            30.1
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
            147,
            155,
            163,
```

```
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.5,
            30.9,
            33.7,
            34.6,
            25.2,
            32.2,
            27.1,
            32.5,
            27.4,
            25.4,
            26.2,
            29.7,
            35.2,
            26.7,
            25.0,
            24.5
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.5,
            36.0,
```

```
                    28.2,
                    30.1,
                    28.4,
                    32.7,
                    28.0
                ]
            },
            {
                "channelCfi": [
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    31.5,
                    31.2,
                    31.4
                ]
            }
        ],
        "requestId": 2918860733,
        "availabilityExpireTime": "2025-11-02T04:48:29Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2025-11-01T05:00:47Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1467",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 272010093,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448113,
                            "longitude": 121.0197402
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 18.3,
                        "heightType": "AMSL",
                        "verticalUncertainty": 78.47000122070312
                    },
                    "indoorDeployment": 2
                },
                "inquiredFrequencyRange": [
```

```
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
```

```
                                87,
                                135,
                                151,
                                167
                            ],
                            "globalOperatingClass": 133
                        },
                        {
                            "channelCfi": [
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-11-01T05:05:06Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 16.2
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.8
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 10.8
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 20.6
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 19.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 8.1
```

```
},
{
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        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 13.3
},
{
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        "lowFrequency": 6645
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
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        "lowFrequency": 6665
    },
    "maxPsd": 12.2
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 21.4
},
{
    "frequencyRange": {
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        "lowFrequency": 6705
    },
    "maxPsd": 9.7
},
{
```

```
        "frequencyRange": {
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            "lowFrequency": 6725
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
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    {
        "frequencyRange": {
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            "lowFrequency": 6805
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
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```
                "lowFrequency": 6825
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            "maxPsd": 13.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
                "lowFrequency": 6845
            },
            "maxPsd": 21.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            27.2,
            24.4,
            27.2,
            25.0,
            29.2,
            26.8,
            23.8,
            28.7,
            33.6,
            29.0,
            32.8,
            23.3,
            34.6,
            23.2,
            24.2,
            23.0,
            32.0,
            22.5,
            30.7,
            22.1,
            21.1,
            26.3,
            23.5,
```

```
                25.2,
                34.4,
                22.7,
                33.4,
                24.9,
                27.5,
                21.2,
                30.7,
                26.3,
                34.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                27.4,
                28.0,
                29.8,
                26.8,
```

```
            32.0,
            26.3,
            26.2,
            26.0,
            25.5,
            24.1,
            26.5,
            28.2,
            25.7,
            27.9,
            24.2,
            29.3
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            30.4,
            29.8,
            29.3,
            29.0,
            27.1,
            28.7,
            27.2
        ]
    },
    {
        "channelCfi": [
```

```
                    47,
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    32.8,
                    32.0,
                    30.1
                ]
            }
        ],
        "requestId": 272010093,
        "availabilityExpireTime": "2025-11-02T05:05:06Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-11-01T05:10:00Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "curl/8.6.0",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.1.226",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1464",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
```

```
"requestId": 872010145,
"deviceDescriptor": {
    "serialNumber": "44b7d0c54eb3",
    "certificationId": [
        {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "HZB-MEGA6"
        }
    ]
},
"location": {
    "ellipse": {
        "center": {
            "latitude": 24.84481,
            "longitude": 121.0197427
        },
        "majorAxis": 25,
        "minorAxis": 25,
        "orientation": 0
    },
    "elevation": {
        "height": 9.9,
        "heightType": "AMSL",
        "verticalUncertainty": 78.47000122070312
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 6105,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
```

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

```
                                47,
                                79,
                                143
                            ],
                            "globalOperatingClass": 134
                        }
                    ],
                    "minDesiredPower": -10
                }
            ],
            "vendorExtensions": [
                {
                    "extensionId": "afcSystemParameters",
                    "parameters": {
                        "asynchronousTimeout": 10
                    }
                }
            ]
        }
}

############################## 2025-11-01T05:10:01Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 14.2
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 11.4
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.8
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 20.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
```

```
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
        "maxPsd": 19.0
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 8.1
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 13.3
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
```

```
            "lowFrequency": 6745
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 8.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
            "lowFrequency": 6825
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6865,
            "lowFrequency": 6845
        },
```

```
            "maxPsd": 21.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                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": [
            27.2,
            24.4,
            27.2,
            25.0,
            29.2,
            26.8,
            23.8,
            28.7,
            33.6,
            29.0,
            32.8,
            23.3,
            34.6,
            23.2,
            24.2,
            23.0,
            32.0,
            22.5,
            30.7,
            22.1,
            21.1,
            26.3,
            23.5,
            25.2,
            34.4,
            22.7,
            33.4,
            24.9,
            27.5,
            21.2,
            30.7,
            26.3,
```

```
                34.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                27.4,
                28.0,
                29.8,
                26.8,
                32.0,
                26.3,
                26.2,
                26.0,
                25.5,
                24.1,
                26.5,
                28.2,
                25.7,
```

```
                27.9,
                24.2,
                29.3
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                30.4,
                29.8,
                29.3,
                29.0,
                27.1,
                28.7,
                27.2
            ]
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                32.8,
                32.0,
                30.1
```

```
                        ]
                    }
                ],
                "requestId": 872010145,
                "availabilityExpireTime": "2025-11-02T05:10:01Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1


```
############################## 2025-11-01T05:14:35Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": 1147000677,
                "deviceDescriptor": {
                    "serialNumber": "44b7d0c54eb3",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "HZB-MEGA6"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "latitude": 24.8448098,
                            "longitude": 121.01974
                        },
                        "majorAxis": 25,
                        "minorAxis": 25,
                        "orientation": 0
```

```
        },
        "elevation": {
            "height": 8.2,
            "heightType": "AMSL",
            "verticalUncertainty": 78.47000122070312
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 6105,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "channelCfi": [
                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
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
```

```
                179
            ],
            "globalOperatingClass": 132
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                87,
                135,
                151,
                167
            ],
            "globalOperatingClass": 133
        },
        {
            "channelCfi": [
                47,
                79,
                143
            ],
            "globalOperatingClass": 134
        }
    ],
    "minDesiredPower": -10
}
],
"vendorExtensions": [
    {
        "extensionId": "afcSystemParameters",
        "parameters": {
            "asynchronousTimeout": 10
        }
    }
]
}
```

```
}

############################## 2025-11-01T05:14:35Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
                    },
```

```
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 23
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
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    },
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{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
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        "maxPsd": 23
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            "highFrequency": 6565,
            "lowFrequency": 6545
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6585,
            "lowFrequency": 6565
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
```

```
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 23
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 23
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6845,
                "lowFrequency": 6825
            },
            "maxPsd": 23
        },
        {
            "frequencyRange": {
                "highFrequency": 6865,
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            "availabilityExpireTime": "2025-11-02T05:14:35Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
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    "version": "1.4"
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############################## 2025-11-01T05:20:01Z ##############################
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        "User-Agent": "curl/8.6.0",
        "Accept": "*/*",
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        "X-Forwarded-For": "192.168.1.226",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1465",
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    "body": {
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                    "id": "HZB-MEGA6"
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            ]
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        "globalOperatingClass": 133
    },
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            }
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                "parameters": {
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                }
            }
        ]
    }
}

##############################    2025-11-01T05:20:01Z    ##############################
{
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            "availableChannelInfo": [],
            "requestId": 86904250,
            "availabilityExpireTime": "2025-11-02T05:20:01Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
```

```
    ],
    "version": "1.4"
}
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AFC capability - Inquired Frequency & Channel

AFCD.RSA: Successful registration and spectrum access request											
Freq. (MHz)	Mode (6FX or 6FC)	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
6115	6FC	20	27.85	-2.32	25.53	25.60	Pass	-15.47	12.38	12.60	Pass
6835	6FC	20	27.85	6.52	34.37	34.80	Pass	-6.71	21.14	21.80	Pass
6125	6FC	40	27.85	-2.63	25.22	25.30	Pass	-18.66	9.19	9.30	Pass
6805	6FC	40	27.85	-3.37	24.48	24.60	Pass	-19.53	8.32	8.60	Pass
6145	6FC	80	27.85	-1.27	26.58	29.70	Pass	-19.82	8.03	10.70	Pass
6705	6FC	80	27.85	-2.08	25.77	28.90	Pass	-20.59	7.26	9.90	Pass
6665	6FC	160	27.85	-1.54	26.31	31.40	Pass	-22.52	5.33	9.40	Pass
6345	6FC	160	27.85	-1.67	26.18	30.30	Pass	-22.38	5.47	8.30	Pass

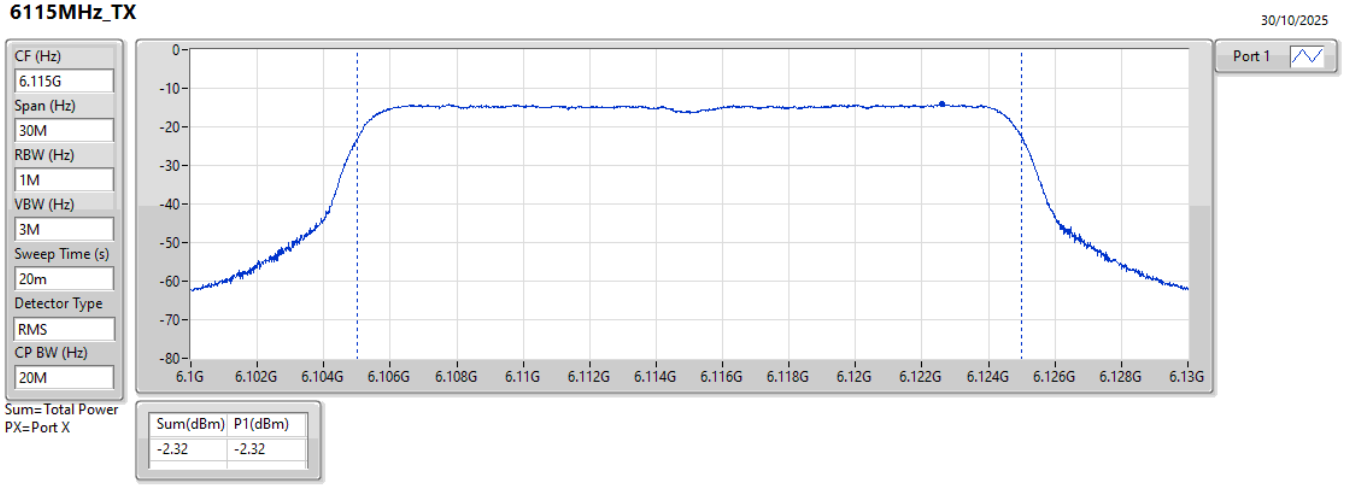
AFCD.SAU: Successful spectrum access update											
Freq. (MHz)	Mode (6FX or 6FC)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6295	6FC	20	27.85	0.06	27.91	28.00	Pass	-13.11	14.74	15.00	Pass
6735	6FC	20	27.85	-5.89	21.96	22.10	Pass	-19.14	8.71	9.10	Pass

AFCD.UAU: Unsuccessful spectrum access update											
Freq. (MHz)	Mode (6FX or 6FC)	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
6115	6FC	20	27.85	8.02	35.87	36.00	Pass	-5.00	22.85	23.00	Pass

AFC capability - Inquired Frequency & Channel
CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1
Frequency (MHz): 6115

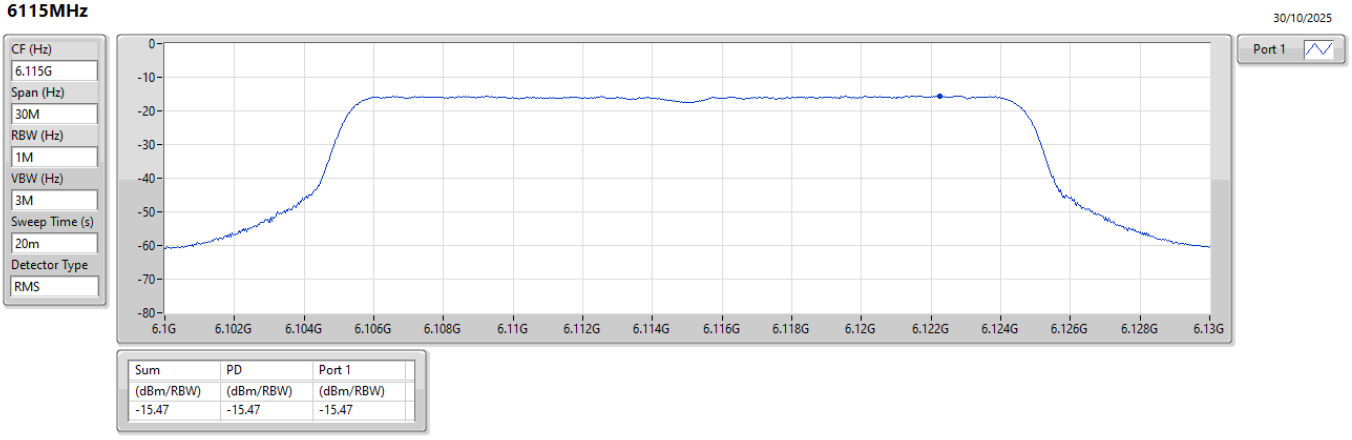
5.925-6.425GHz_802.11ax HEW20_1TX **AV Power**

6115MHz_TX



5.925-6.425GHz_802.11ax HEW20_1TX **PSD**

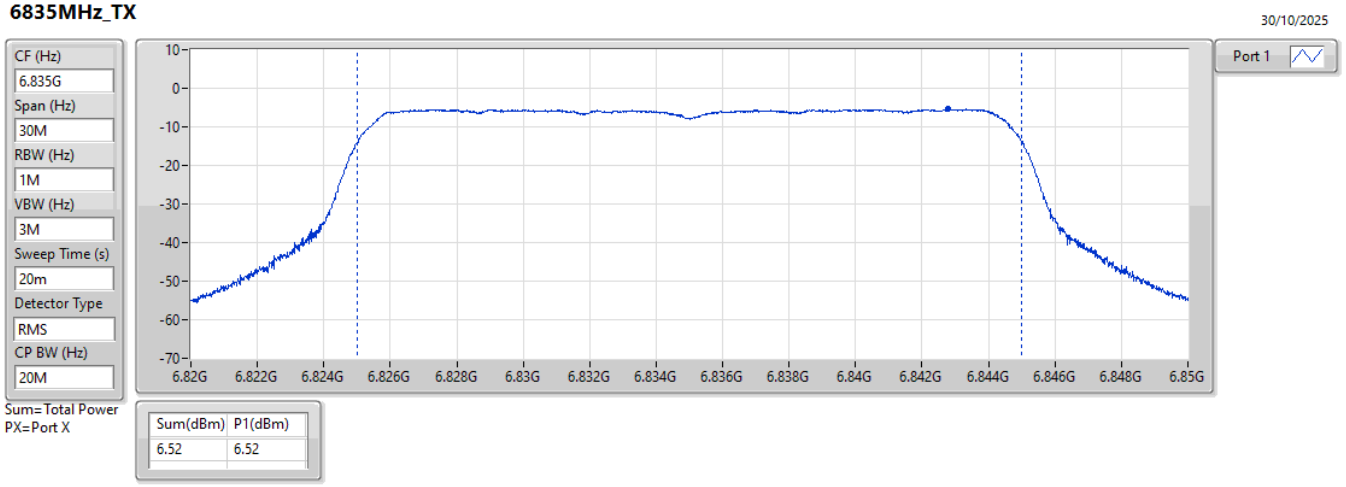
6115MHz



Frequency (MHz): 6835

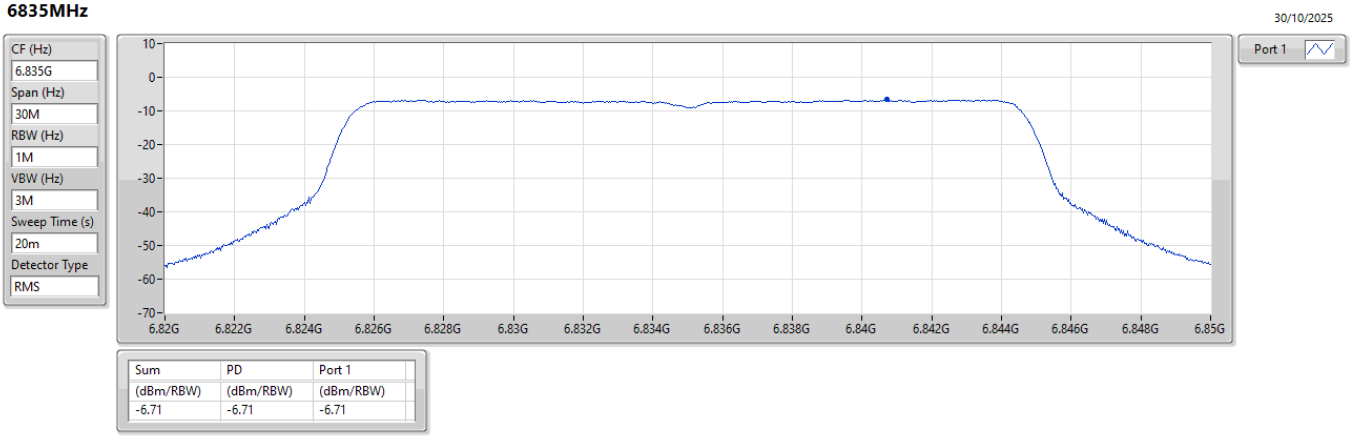
6.525-6.875GHz_802.11ax HEW20_1TX **AV Power**

6835MHz_TX



6.525-6.875GHz_802.11ax HEW20_1TX **PSD**

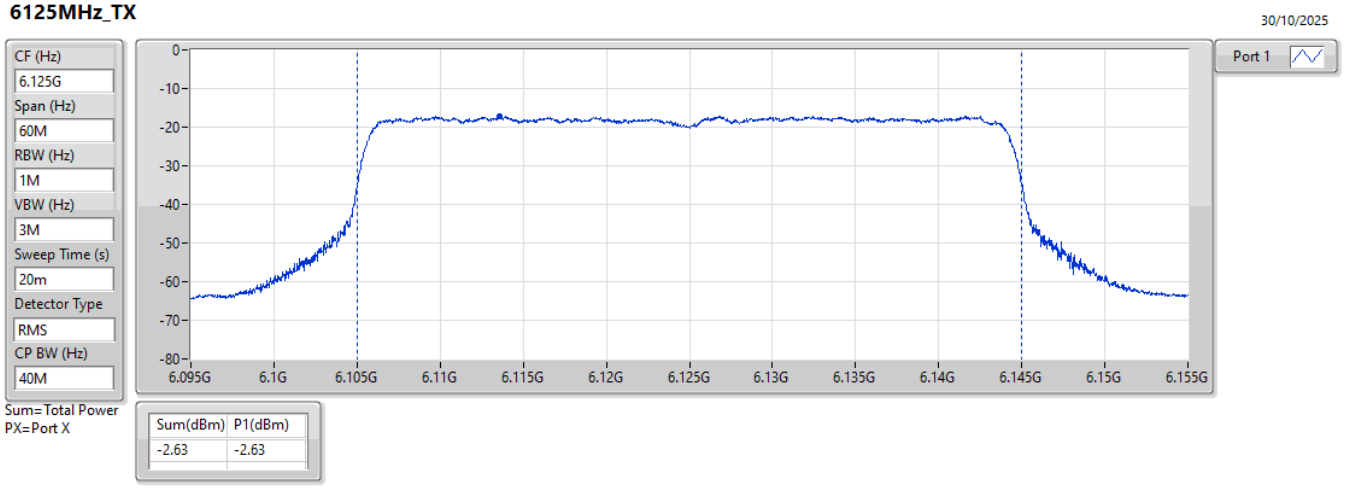
6835MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1
Frequency (MHz): 6125

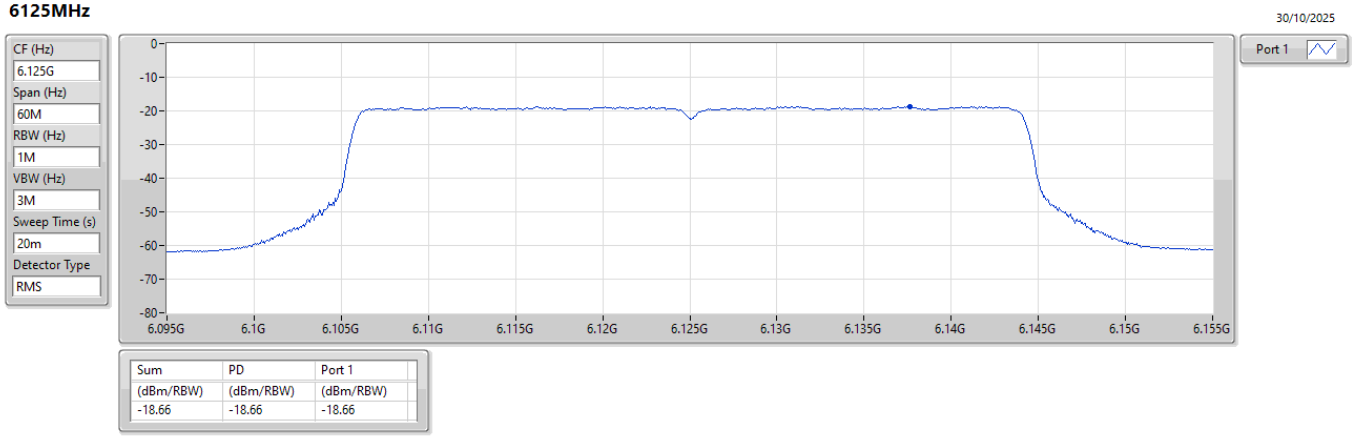
5.925-6.425GHz_802.11ax HEW40_1TX **AV Power**

6125MHz_TX



5.925-6.425GHz_802.11ax HEW40_1TX **PSD**

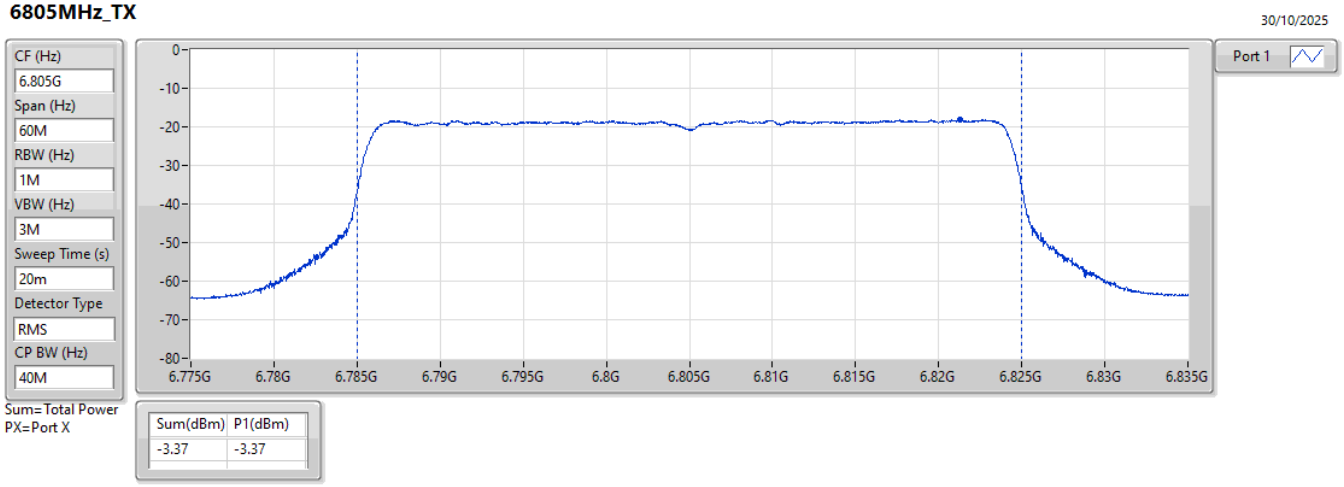
6125MHz



Frequency (MHz): 6805

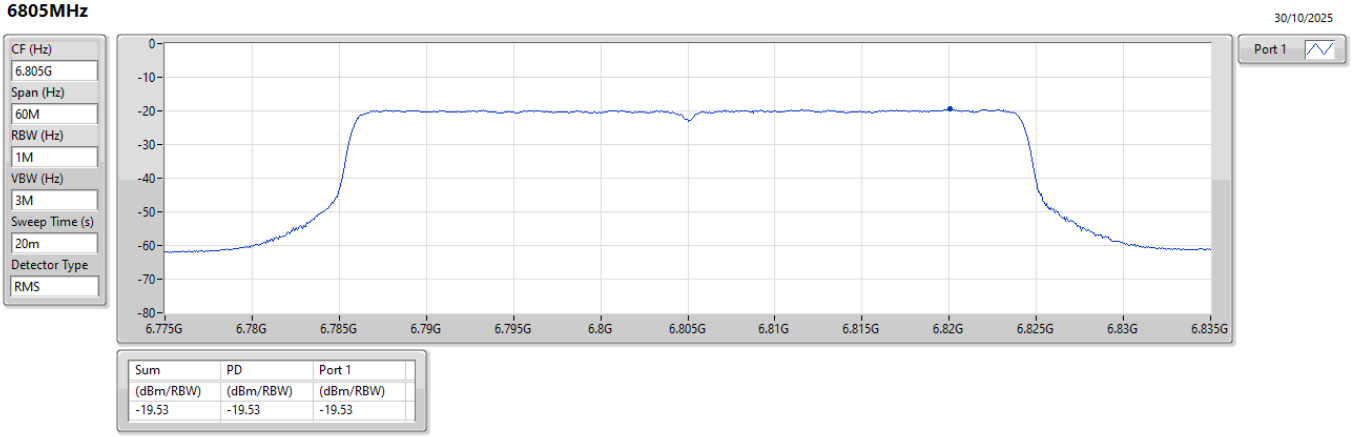
6.525-6.875GHz_802.11ax HEW40_1TX **AV Power**

6805MHz_TX



6.525-6.875GHz_802.11ax HEW40_1TX **PSD**

6805MHz

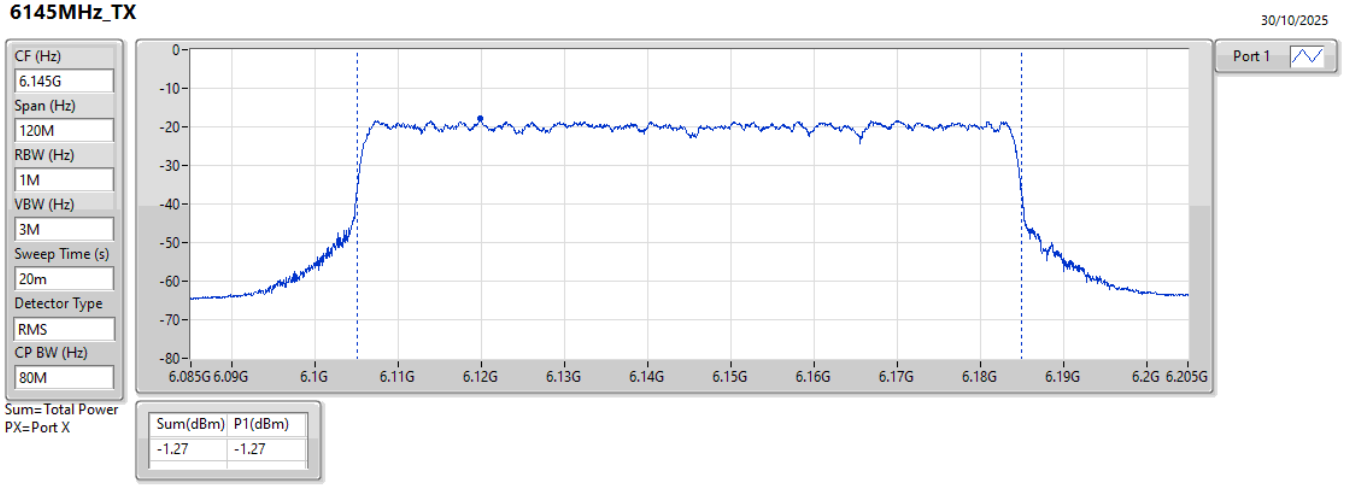


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

Frequency (MHz): 6145

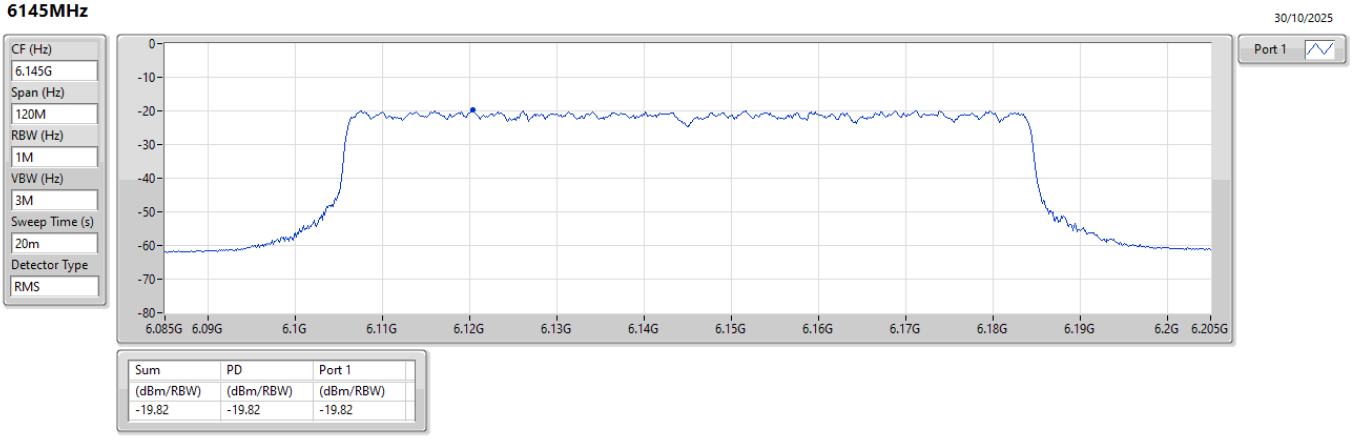
5.925-6.425GHz_802.11ax HEW80_1TX **AV Power**

6145MHz_TX



5.925-6.425GHz_802.11ax HEW80_1TX **PSD**

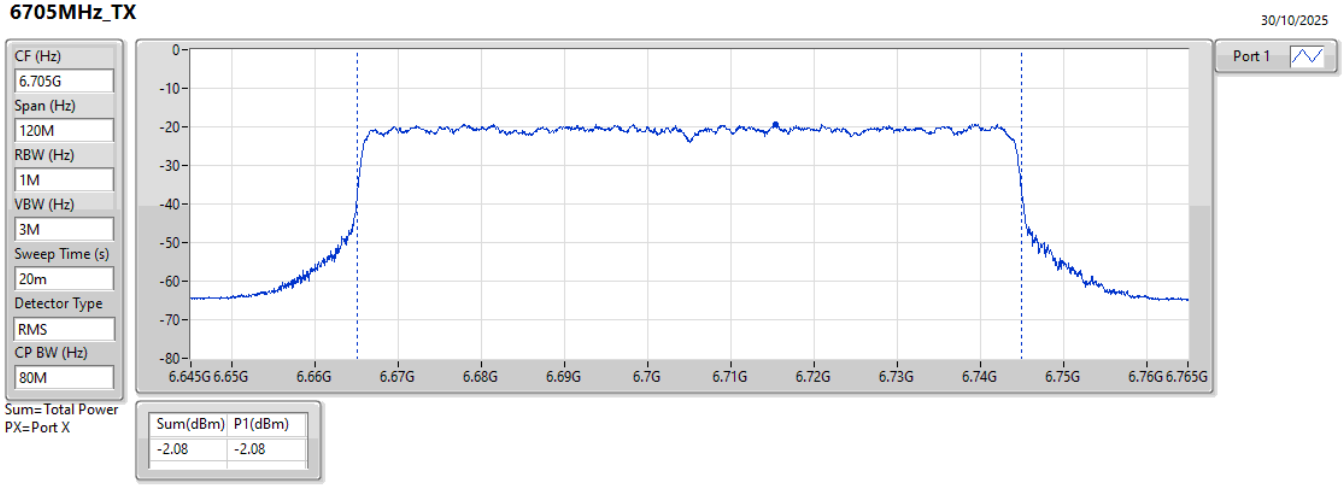
6145MHz



Frequency (MHz): 6705

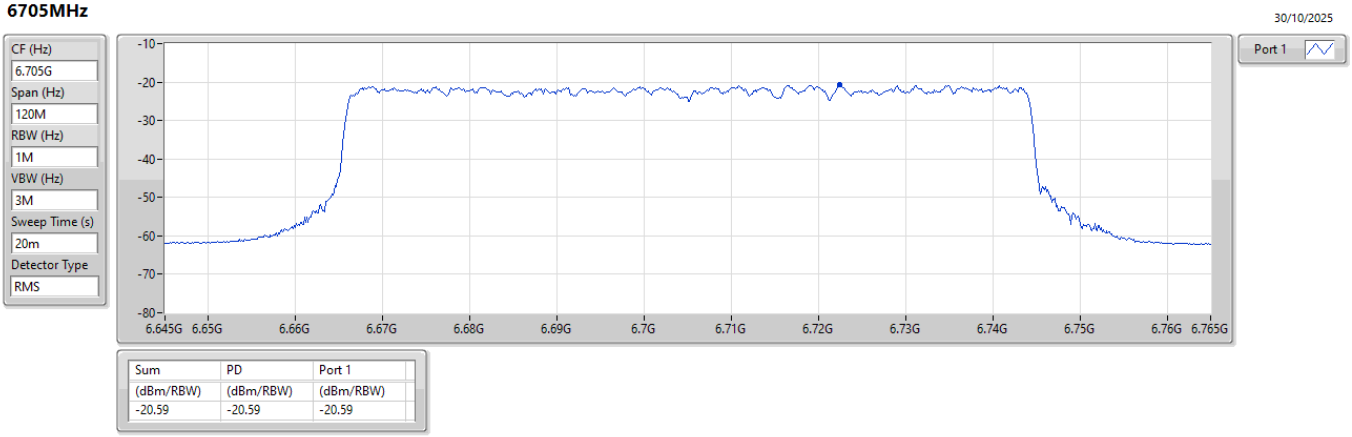
6.525-6.875GHz_802.11ax HEW80_1TX **AV Power**

6705MHz_TX



6.525-6.875GHz_802.11ax HEW80_1TX **PSD**

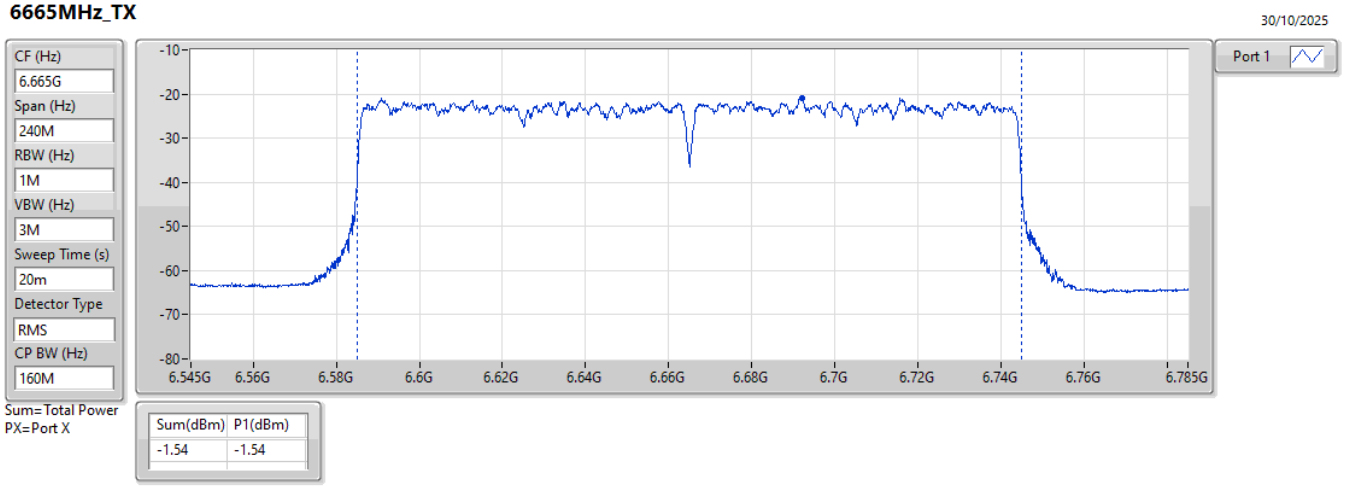
6705MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1
Frequency (MHz): 6665

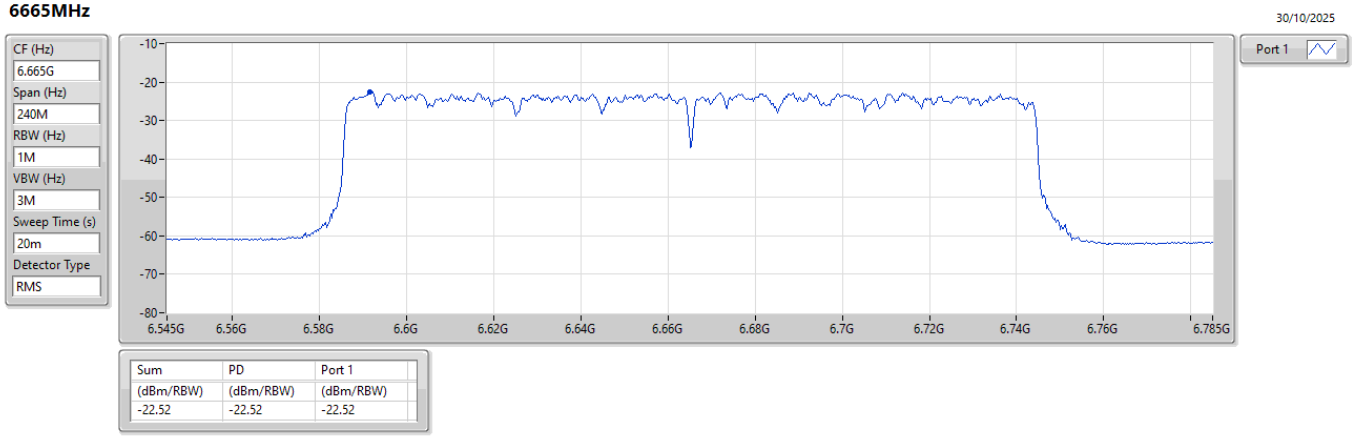
6.525-6.875GHz_802.11ax HEW160_1TX **AV Power**

6665MHz_TX



6.525-6.875GHz_802.11ax HEW160_1TX **PSD**

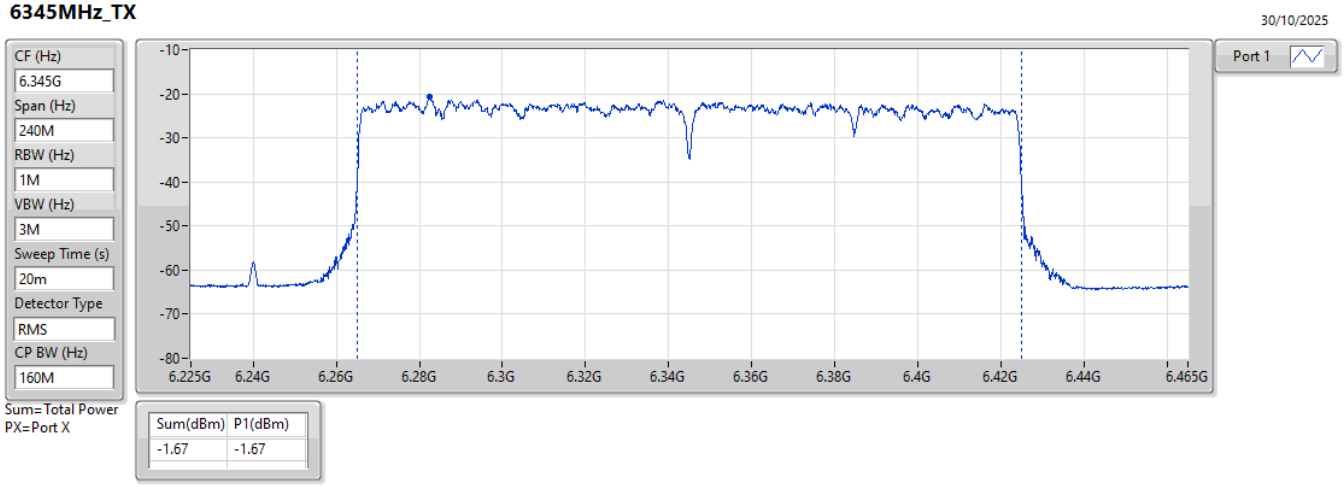
6665MHz



Frequency (MHz): 6345

5.925-6.425GHz_802.11ax HEW160_1TX **AV Power**

6345MHz_TX

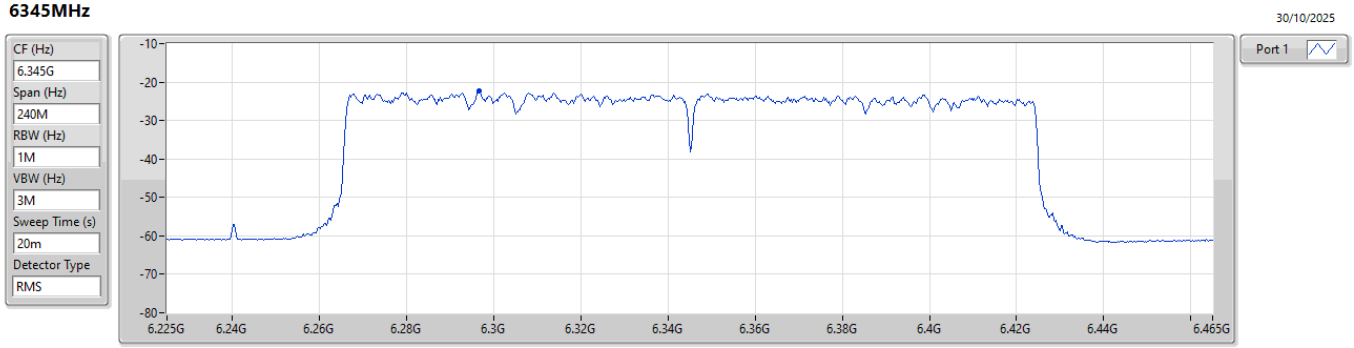


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
-1.67	-1.67

5.925-6.425GHz_802.11ax HEW160_1TX **PSD**

6345MHz

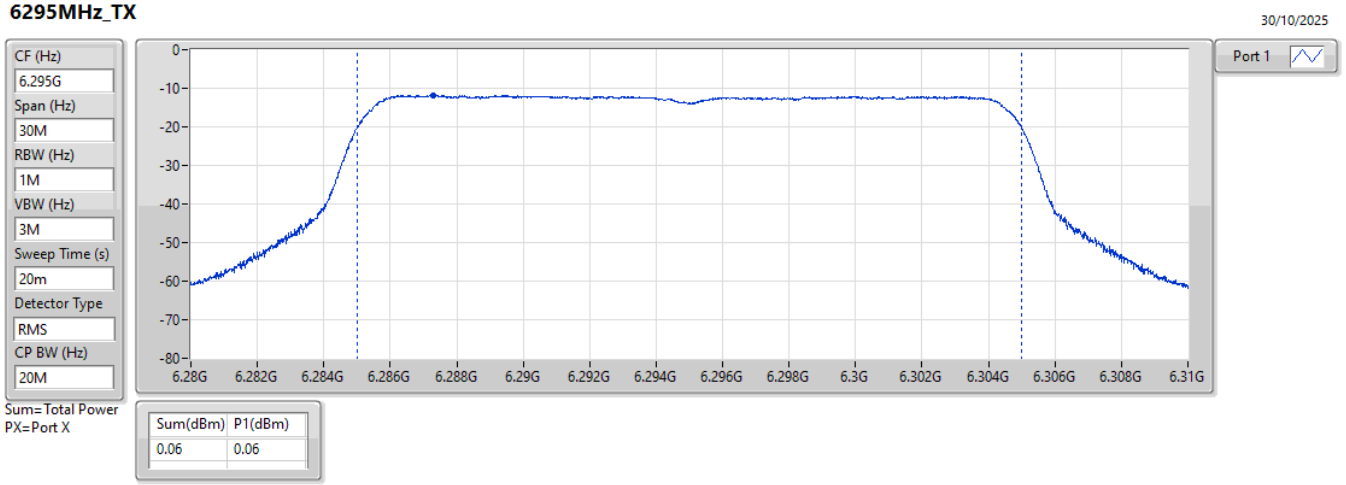


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-22.38	-22.38	-22.38

CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1
Bandwidth: 20MHz
Frequency (MHz): 6295

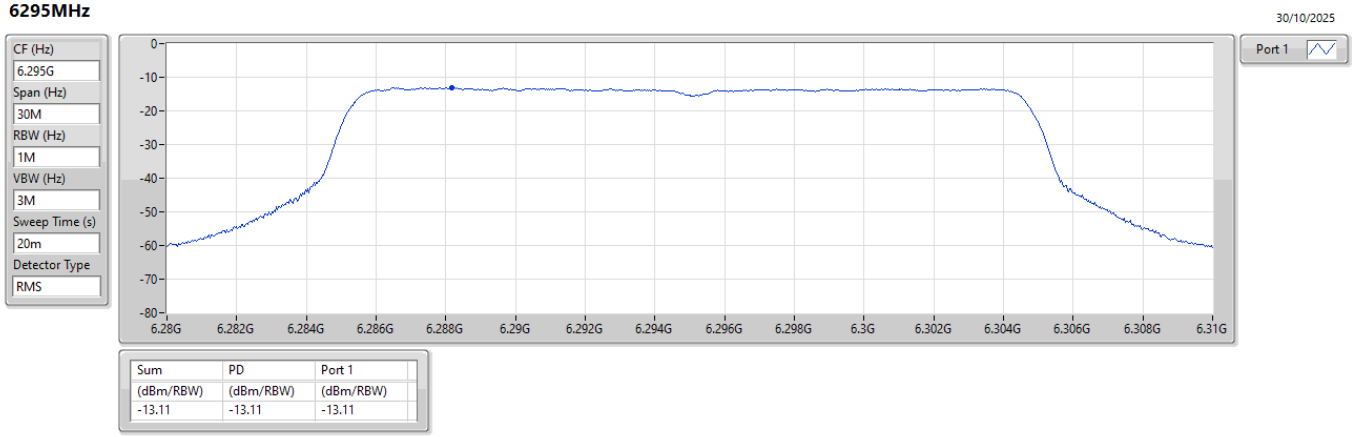
5.925-6.425GHz_802.11ax HEW20_1TX **AV Power**

6295MHz_TX



5.925-6.425GHz_802.11ax HEW20_1TX **PSD**

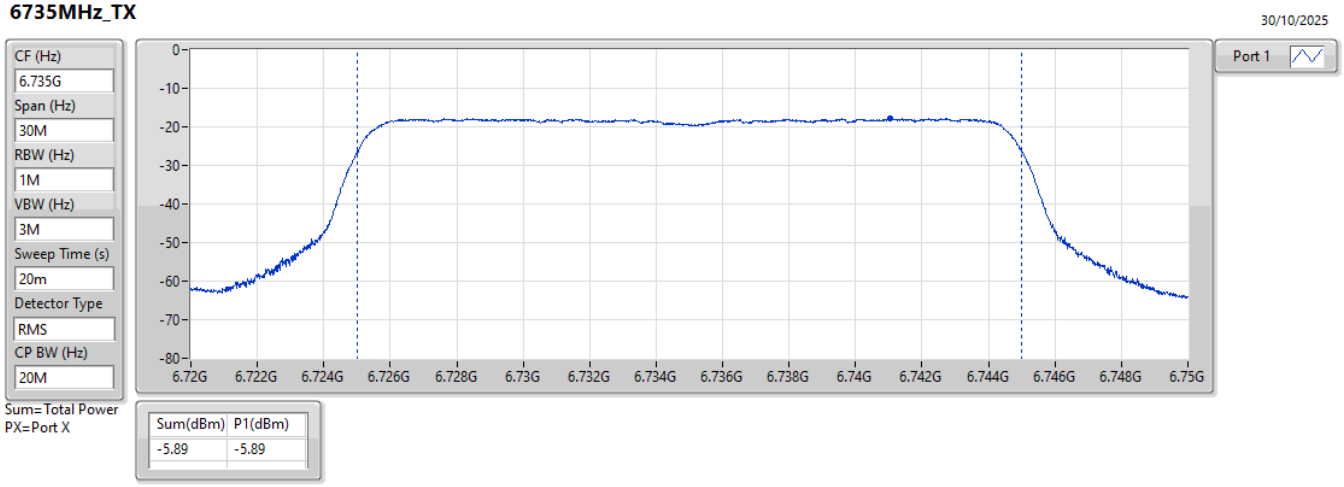
6295MHz



Frequency (MHz): 6735

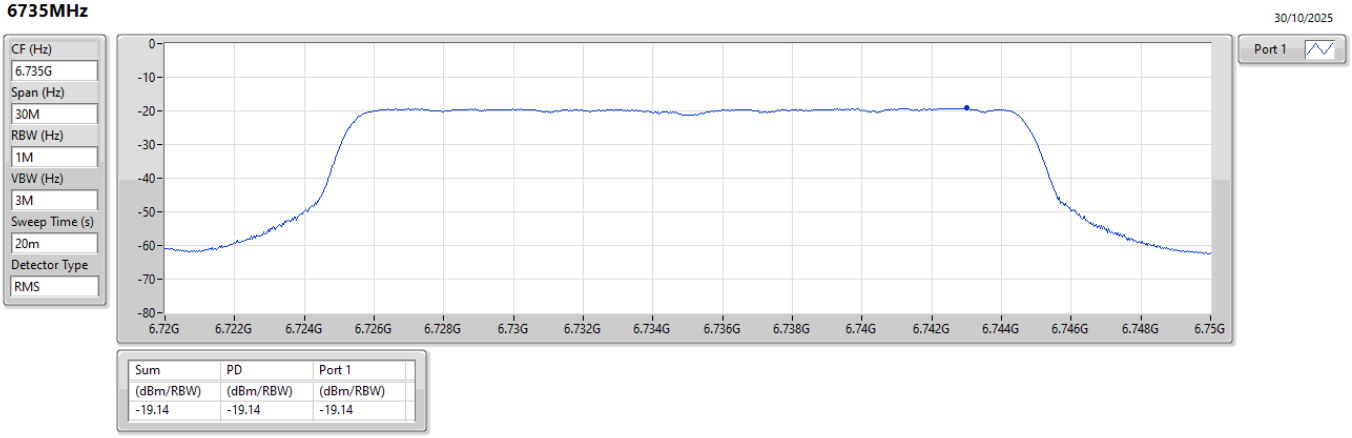
6.525-6.875GHz_802.11ax HEW20_1TX **AV Power**

6735MHz_TX



6.525-6.875GHz_802.11ax HEW20_1TX **PSD**

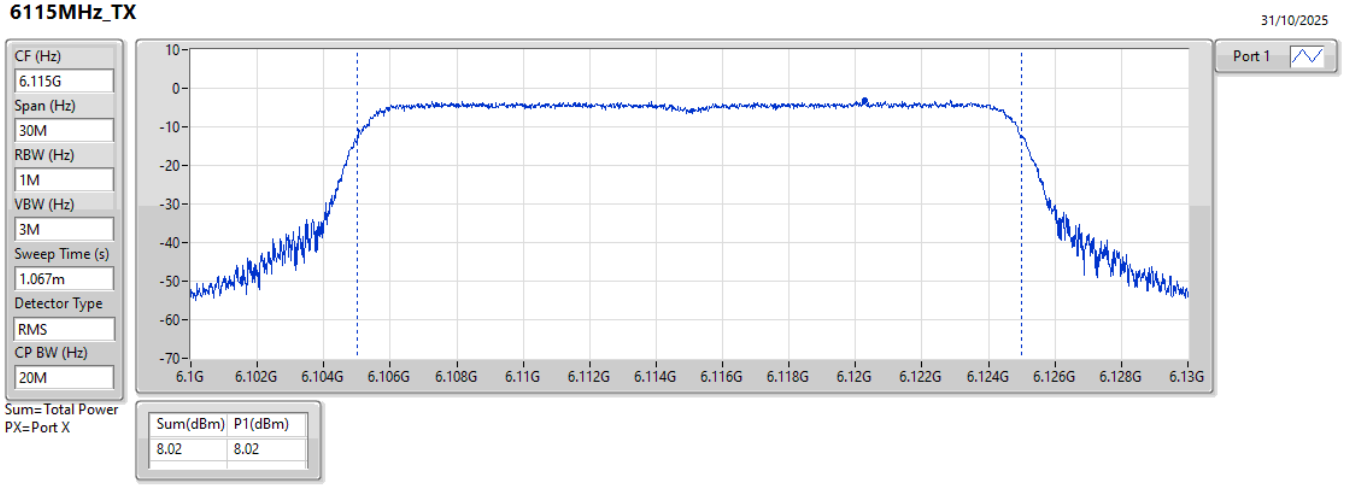
6735MHz



CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1
Bandwidth: 20MHz
Frequency (MHz): 6115

5.925-6.425GHz_802.11ax HEW20_1TX **AV Power**

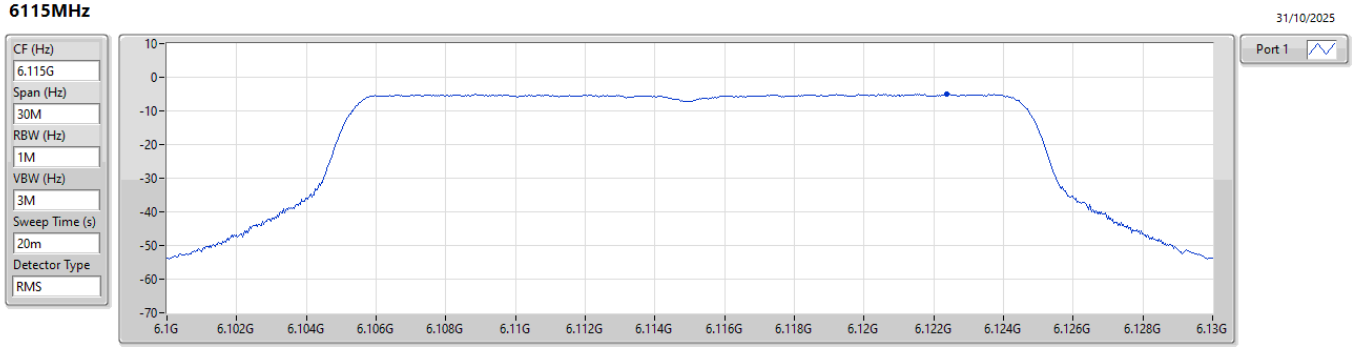
6115MHz_TX



Sum(dBm)	P1(dBm)
8.02	8.02

5.925-6.425GHz_802.11ax HEW20_1TX **PSD**

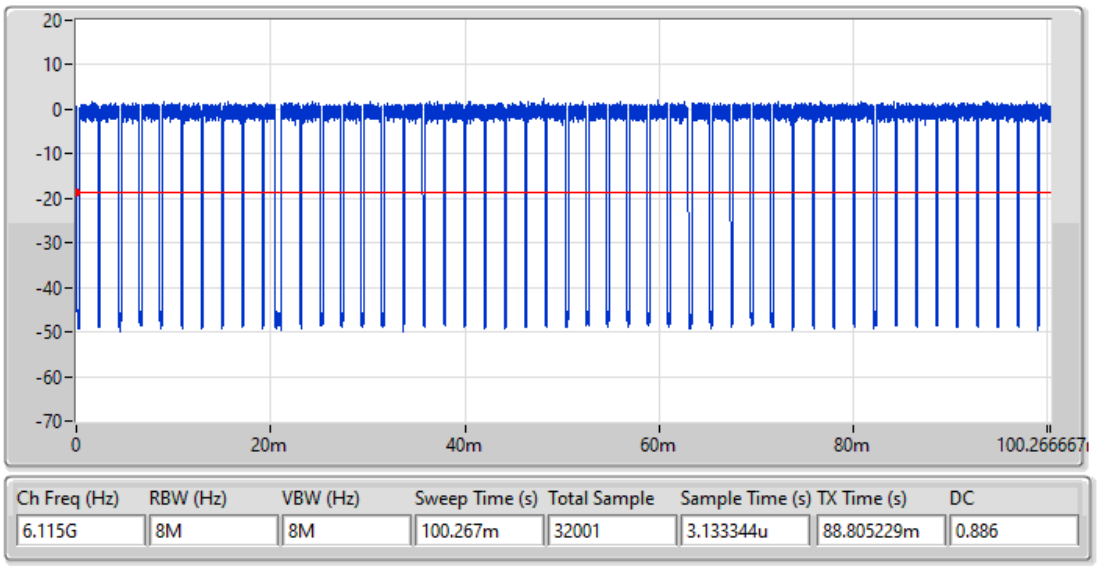
6115MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.00	-5.00	-5.00

Duty Cycle
Bandwidth: 20MHz

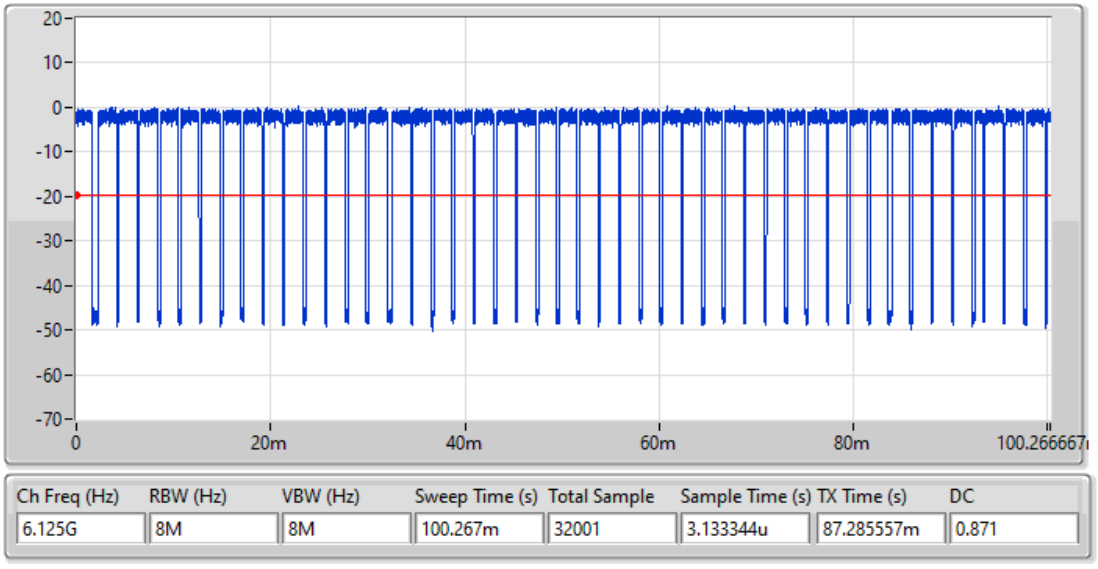
DC;ax20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.115G	8M	8M	100.267m	32001	3.133344u	88.805229m	0.886

Bandwidth: 40MHz

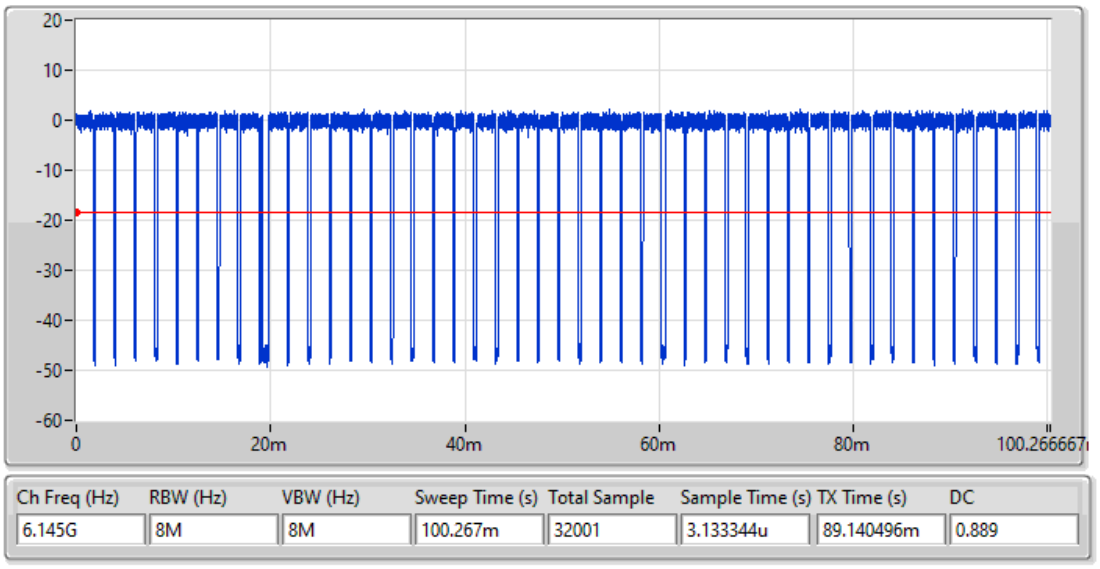
DC;ax40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.125G	8M	8M	100.267m	32001	3.133344u	87.285557m	0.871

Bandwidth: 80MHz

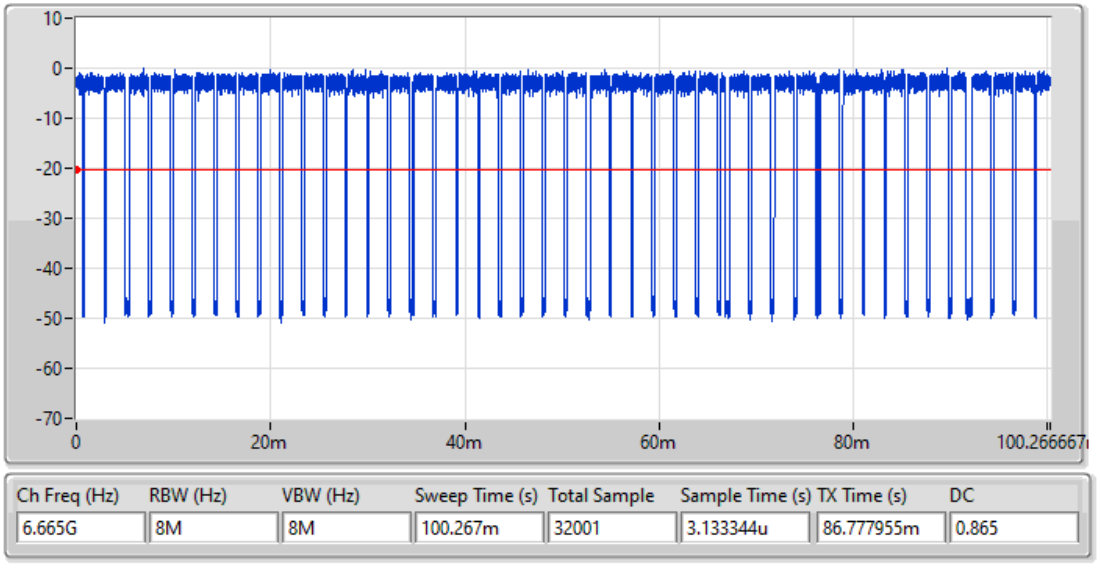
DC;ax80;BWch:80



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.145G	8M	8M	100.267m	32001	3.133344u	89.140496m	0.889

Bandwidth: 160MHz

DC;ax160;BWch:160



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.665G	8M	8M	100.267m	32001	3.133344u	86.777955m	0.865

AFC capability - Inquired Frequency & Channel

AFCD.RSA: Successful registration and spectrum access request											
Freq. (MHz)	Mode (6FX or 6FC)	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
6115	6FC	20	15.5	9.04	24.80	25.10	Pass	-4.25	11.51	12.10	Pass
6775	6FC	20	15.7	15.60	31.36	32.00	Pass	2.65	18.41	19.00	Pass
6125	6FC	40	15.5	12.37	28.13	31.30	Pass	-3.02	12.74	15.30	Pass
6725	6FC	40	15.7	7.87	23.63	26.10	Pass	-8.26	7.50	10.10	Pass
6145	6FC	80	15.5	8.21	23.97	28.70	Pass	-11.00	4.76	9.70	Pass
6625	6FC	80	15.7	7.81	23.57	28.20	Pass	-10.86	4.90	9.20	Pass
6665	6FC	160	15.5	8.17	23.93	30.40	Pass	-13.31	2.45	8.40	Pass
6345	6FC	160	15.7	8.93	24.69	30.60	Pass	-12.97	2.79	8.60	Pass

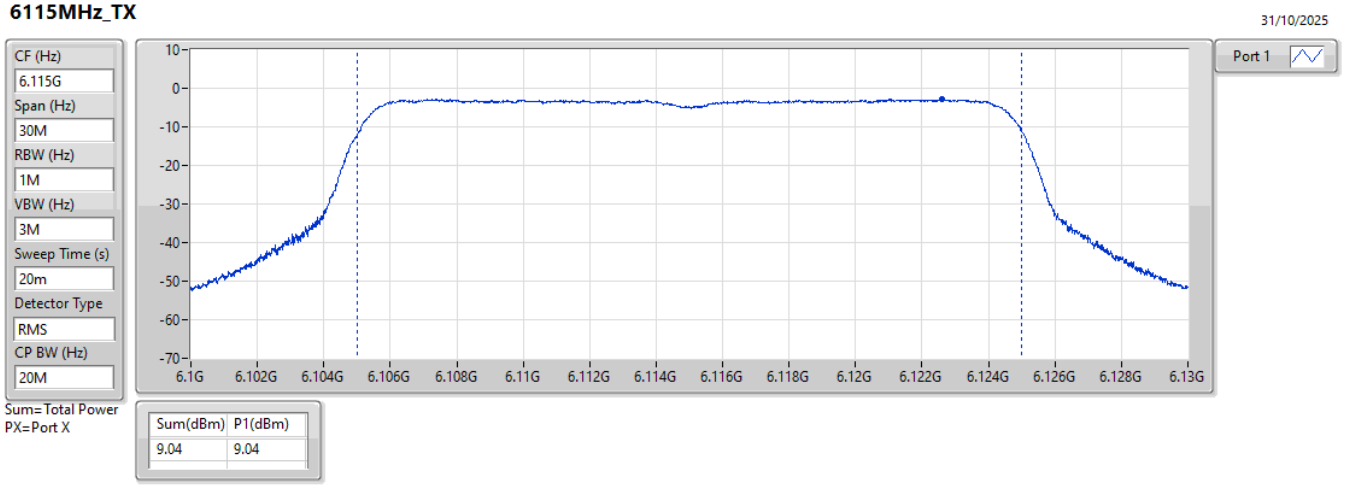
AFCD.SAU: Successful spectrum access update											
Freq. (MHz)	Mode (6FX or 6FC)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
6375	6FC	20	15.5	8.27	24.03	24.10	Pass	-5.12	10.64	11.10	Pass
6595	6FC	20	15.7	6.21	21.97	22.10	Pass	-6.94	8.82	9.10	Pass

AFCD.UAU: Unsuccessful spectrum access update											
Freq. (MHz)	Mode (6FX or 6FC)	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
6615	6FC	20	15.7	16.08	31.84	36.00	Pass	2.86	18.62	23.00	Pass

AFC capability - Inquired Frequency & Channel
CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_20MHz_10654_1
Frequency (MHz): 6115

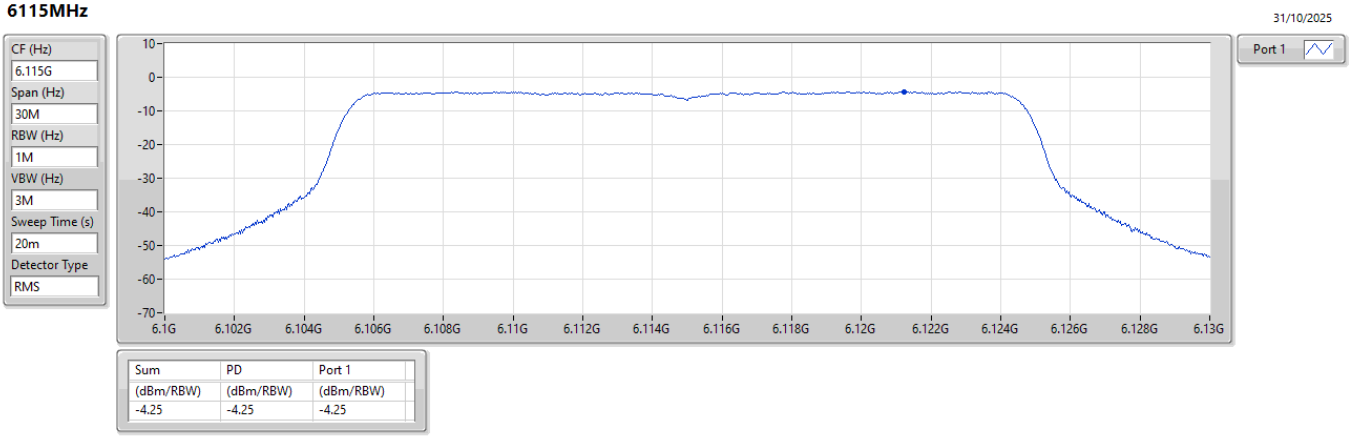
5.925-6.425GHz_802.11ax HEW20_1TX **AV Power**

6115MHz_TX



5.925-6.425GHz_802.11ax HEW20_1TX **PSD**

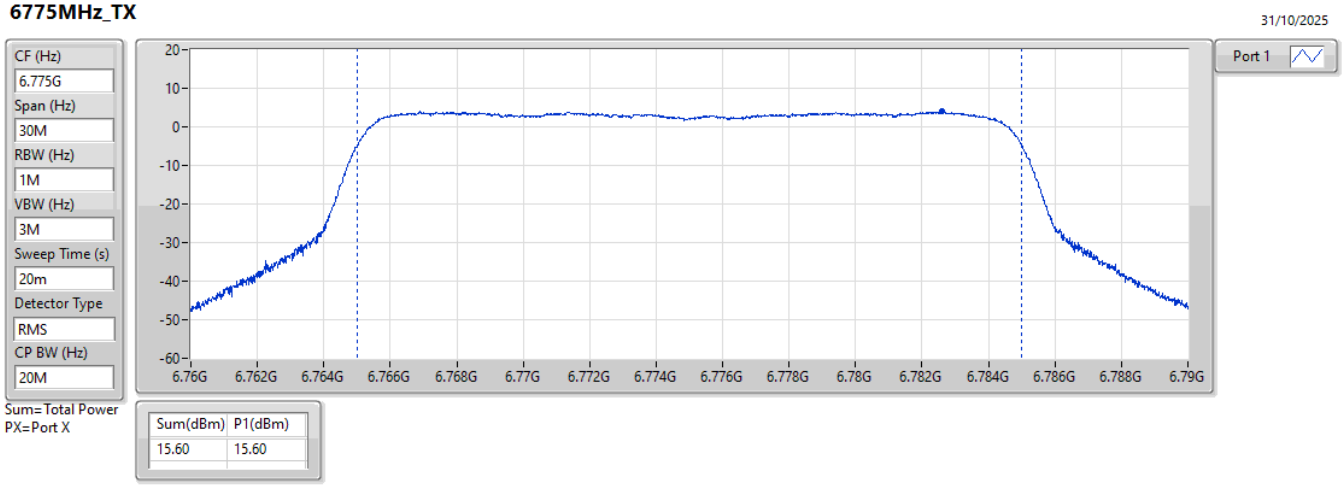
6115MHz



Frequency (MHz): 6775

6.525-6.875GHz_802.11ax HEW20_1TX **AV Power**

6775MHz_TX

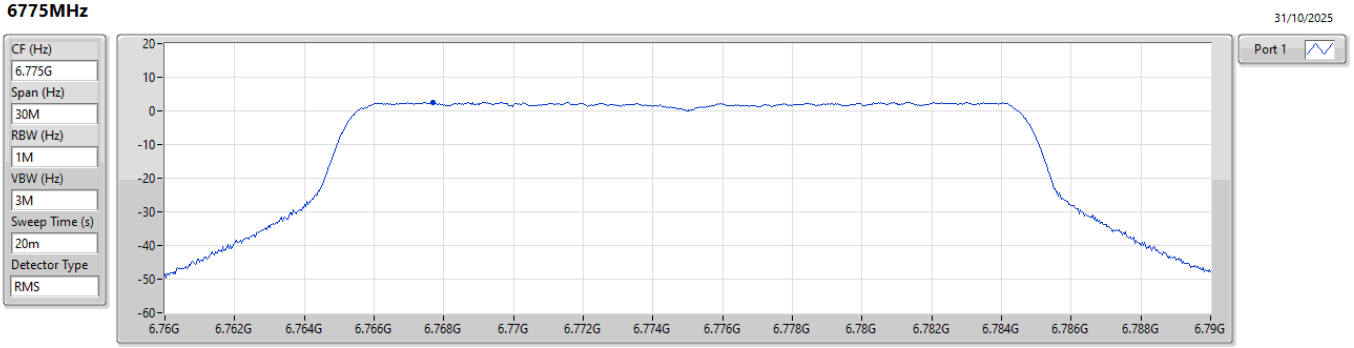


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
15.60	15.60

6.525-6.875GHz_802.11ax HEW20_1TX **PSD**

6775MHz

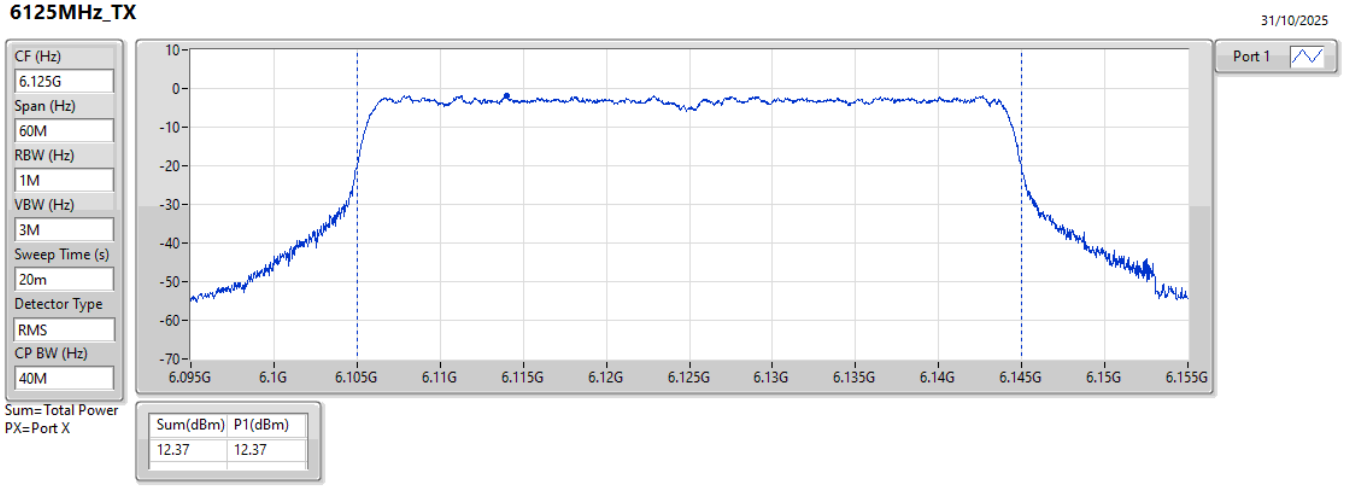


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65	2.65

CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_40MHz_10655_1
Frequency (MHz): 6125

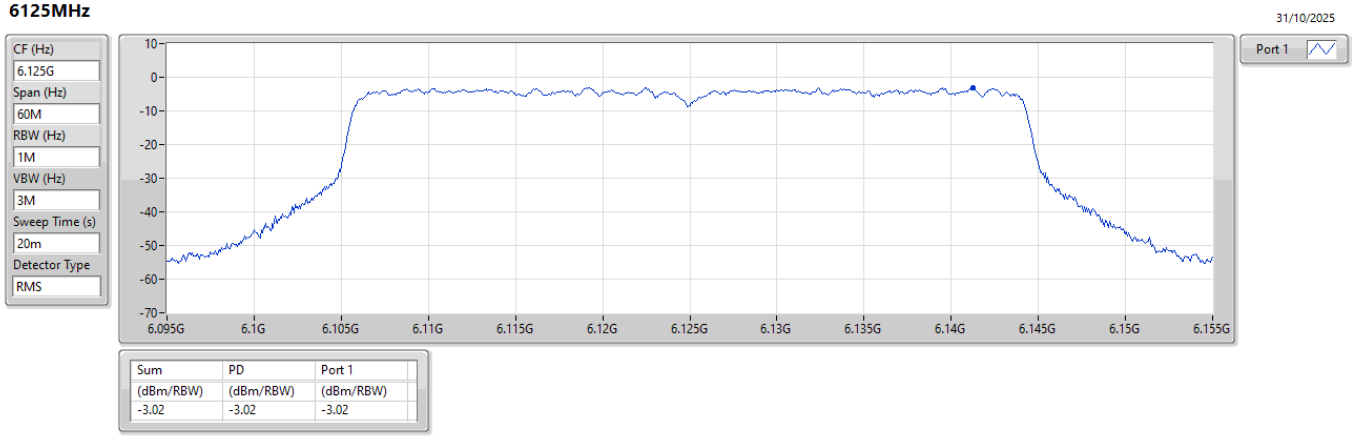
5.925-6.425GHz_802.11ax HEW40_1TX **AV Power**

6125MHz_TX



5.925-6.425GHz_802.11ax HEW40_1TX **PSD**

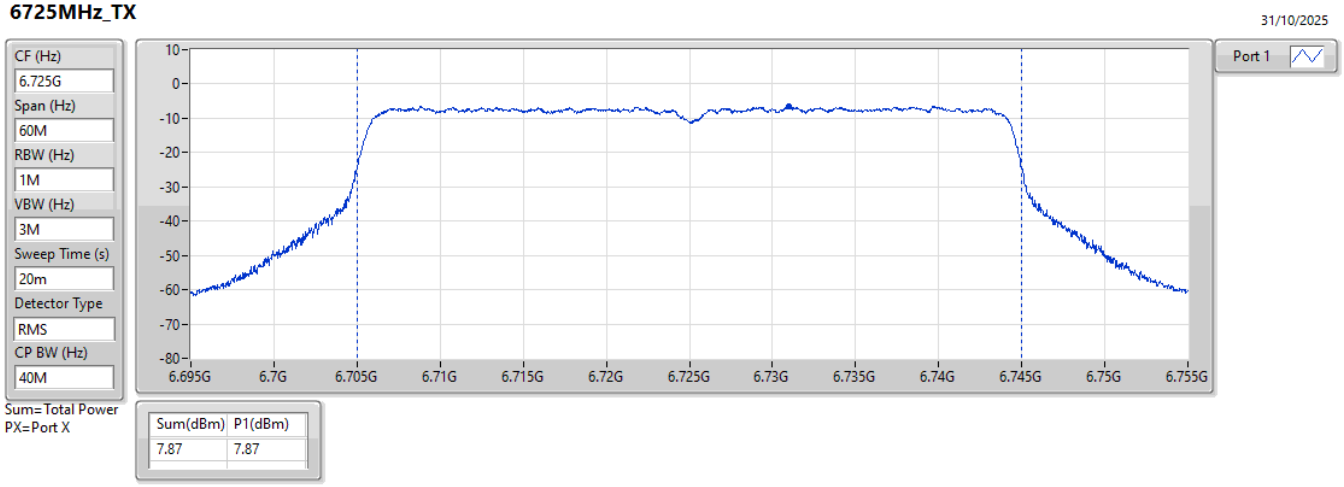
6125MHz



Frequency (MHz): 6725

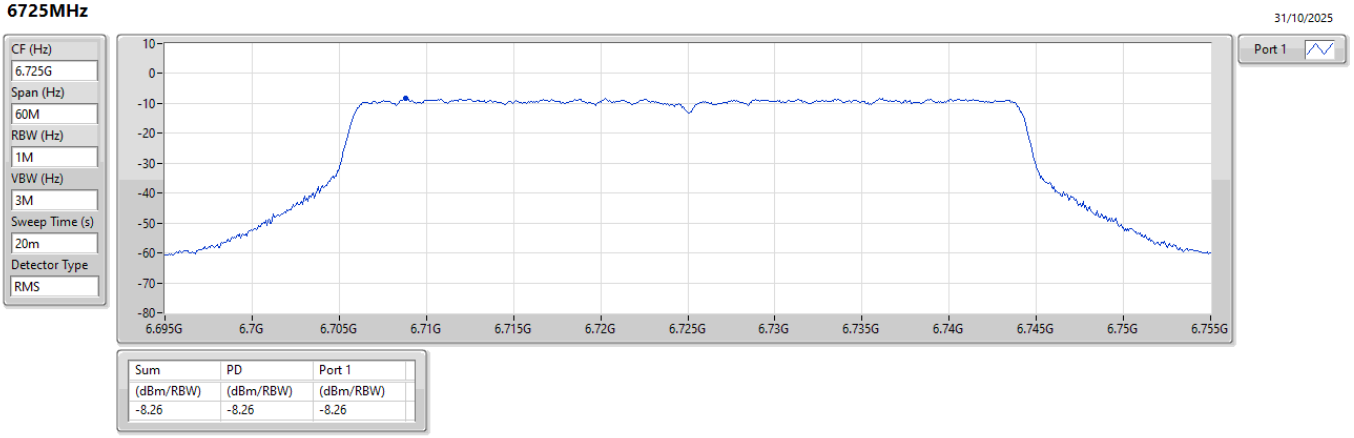
6.525-6.875GHz_802.11ax HEW40_1TX **AV Power**

6725MHz_TX



6.525-6.875GHz_802.11ax HEW40_1TX **PSD**

6725MHz

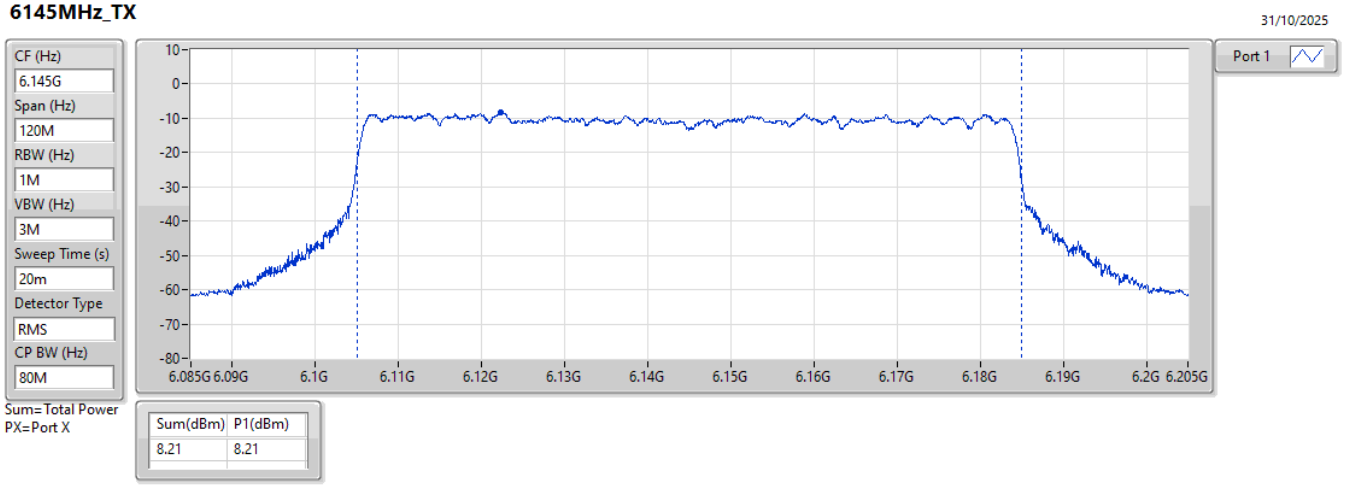


CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_80MHz_10656_1

Frequency (MHz): 6145

5.925-6.425GHz_802.11ax HEW80_1TX **AV Power**

6145MHz_TX

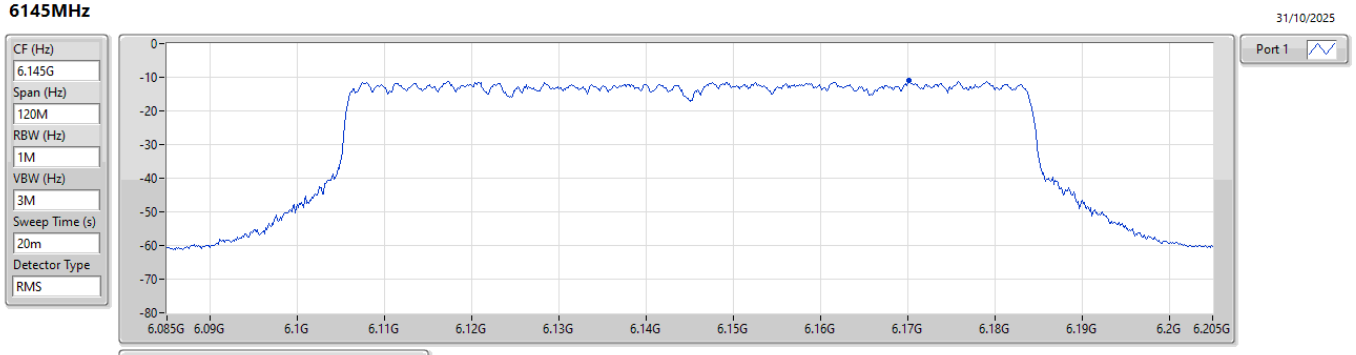


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
8.21	8.21

5.925-6.425GHz_802.11ax HEW80_1TX **PSD**

6145MHz

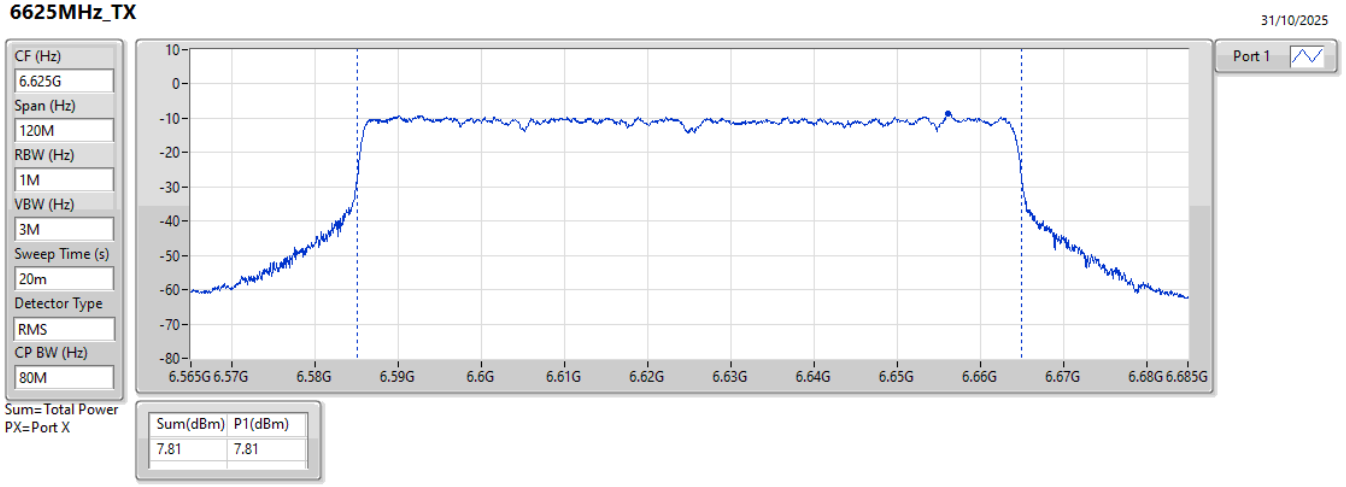


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.00	-11.00	-11.00

Frequency (MHz): 6625

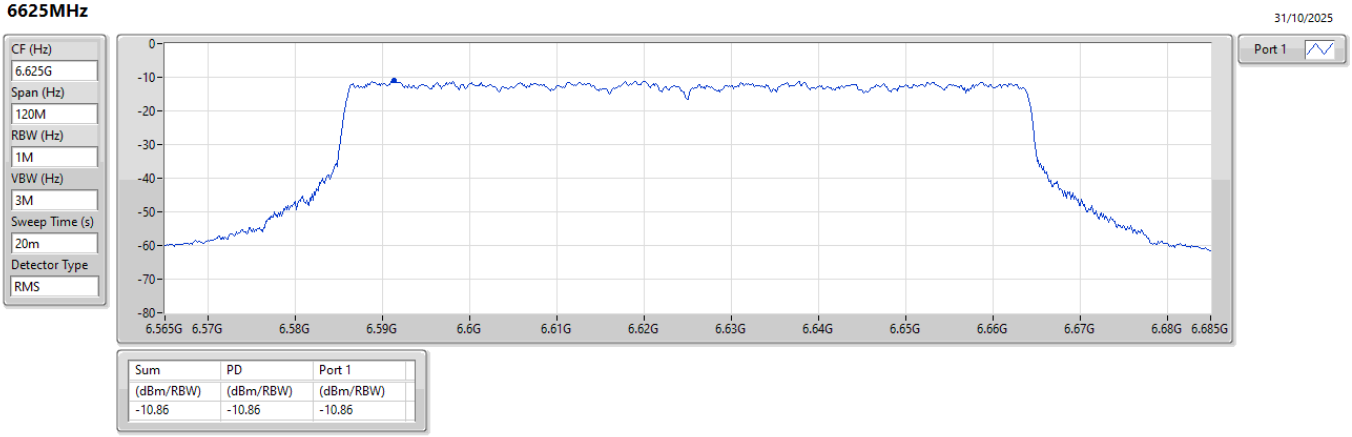
6.525-6.875GHz_802.11ax HEW80_1TX **AV Power**

6625MHz_TX



6.525-6.875GHz_802.11ax HEW80_1TX **PSD**

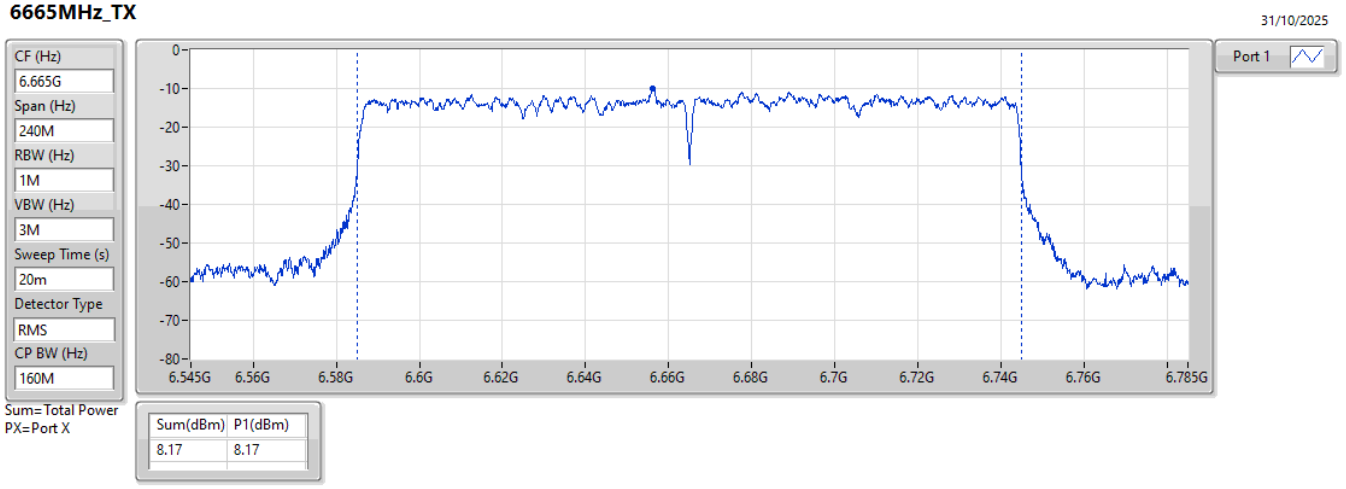
6625MHz



CT_AFC_FC_STA_AFCDRSA31_FrequencyChannel_160MHz_10657_1
Frequency (MHz): 6665

6.525-6.875GHz_802.11ax HEW160_1TX **AV Power**

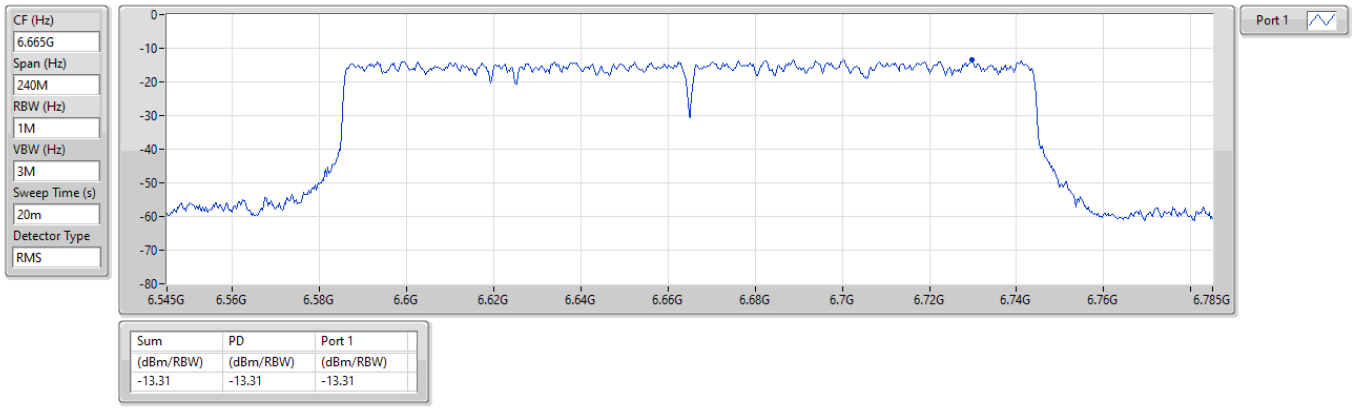
6665MHz_TX



Sum(dBm)	P1(dBm)
8.17	8.17

6.525-6.875GHz_802.11ax HEW160_1TX **PSD**

6665MHz

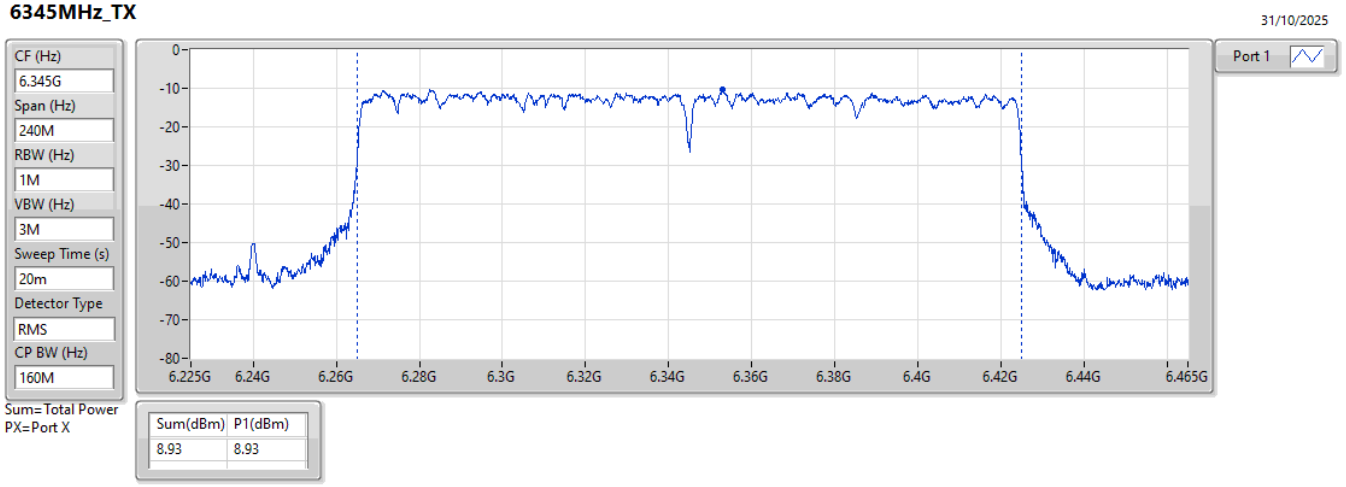


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.31	-13.31	-13.31

Frequency (MHz): 6345

5.925-6.425GHz_802.11ax HEW160_1TX **AV Power**

6345MHz_TX

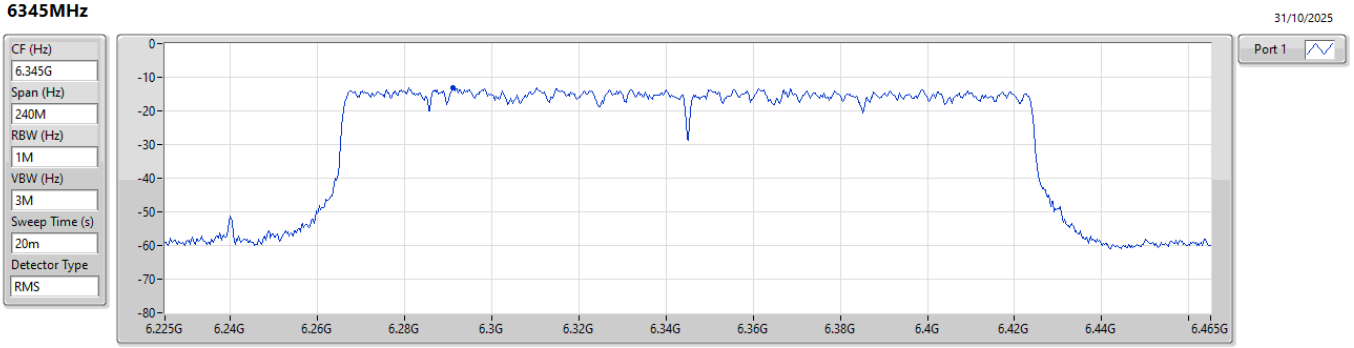


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
8.93	8.93

5.925-6.425GHz_802.11ax HEW160_1TX **PSD**

6345MHz

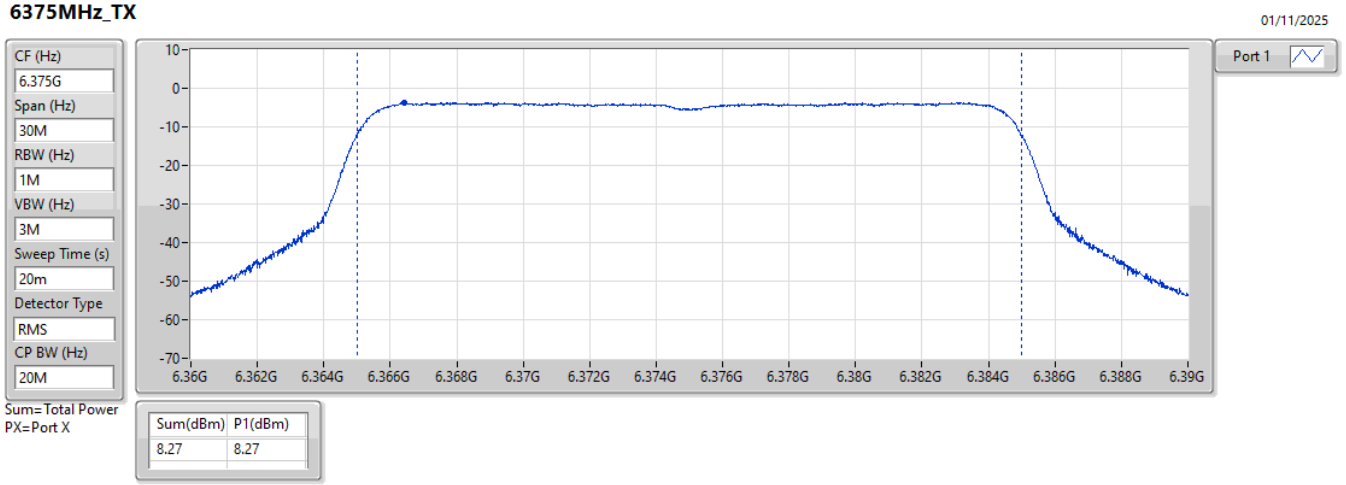


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.97	-12.97	-12.97

CT_AFC_FC_STA_AFCDSAU33_FrequencyChannel_10659_1
Bandwidth: 20MHz
Frequency (MHz): 6375

5.925-6.425GHz_802.11ax HEW20_1TX **AV Power**

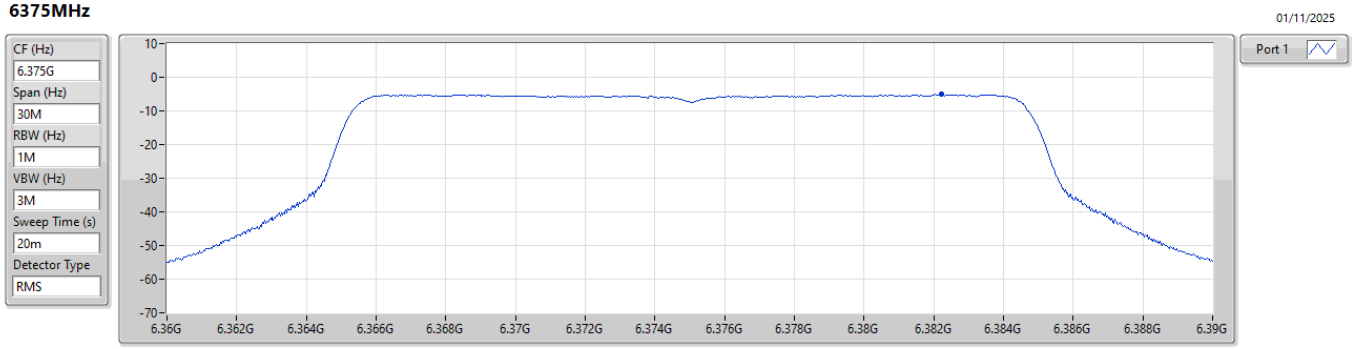
6375MHz_TX



Sum(dBm)	P1(dBm)
8.27	8.27

5.925-6.425GHz_802.11ax HEW20_1TX **PSD**

6375MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.12	-5.12	-5.12

Frequency (MHz): 6595

6.525-6.875GHz_802.11ax HEW20_1TX **AV Power**

6595MHz_TX

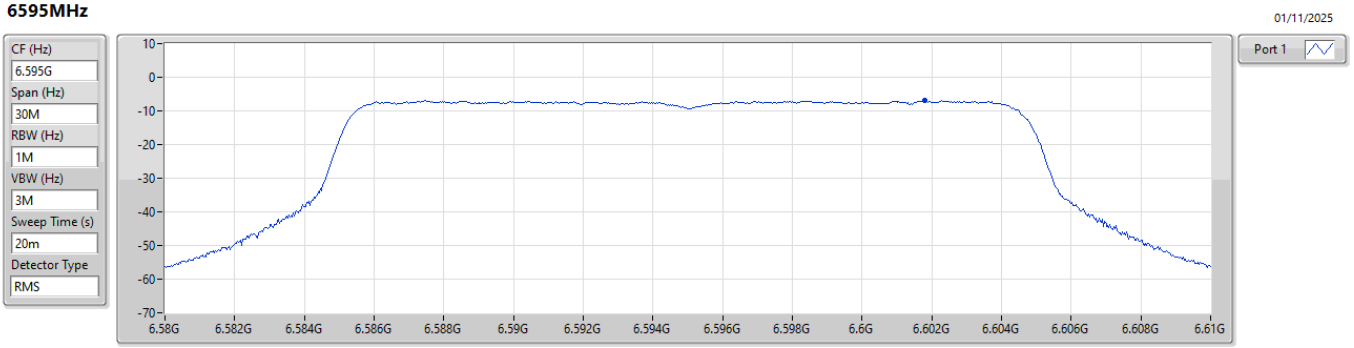


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
6.21	6.21

6.525-6.875GHz_802.11ax HEW20_1TX **PSD**

6595MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.94	-6.94	-6.94

CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1
Bandwidth: 20MHz
Frequency (MHz): 6615

6.525-6.875GHz_802.11ax HEW20_1TX **AV Power**

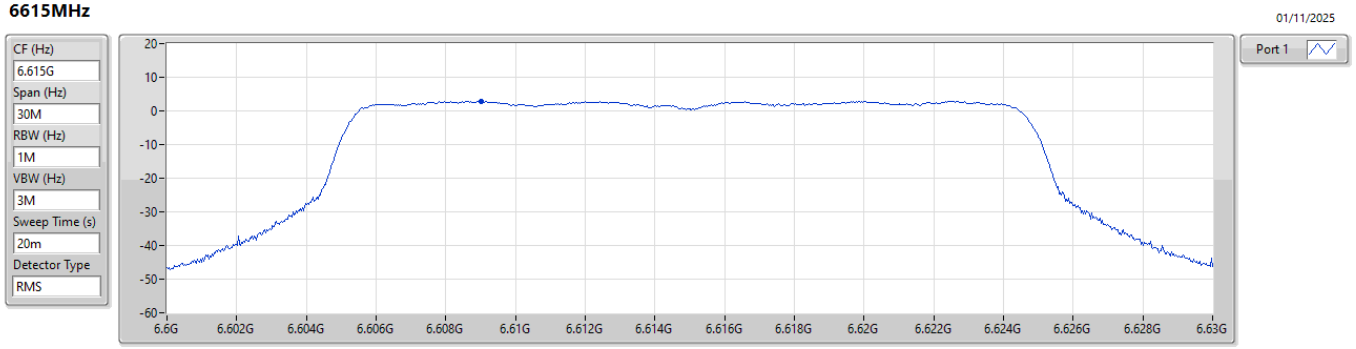
6615MHz_TX



Sum(dBm)	P1(dBm)
16.08	16.08

6.525-6.875GHz_802.11ax HEW20_1TX **PSD**

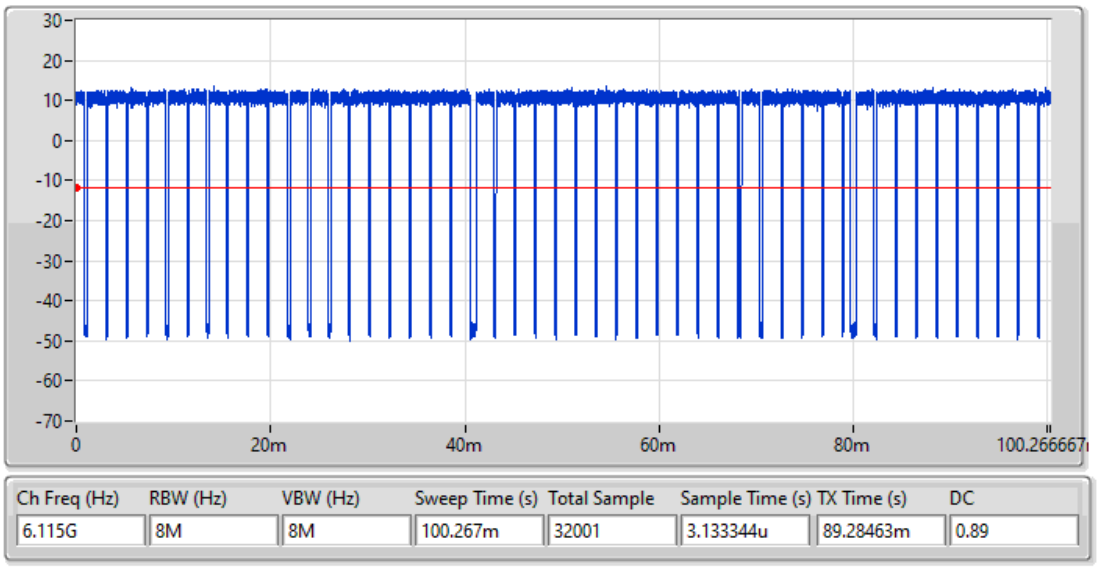
6615MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.86	2.86	2.86

Duty Cycle
Bandwidth: 20MHz

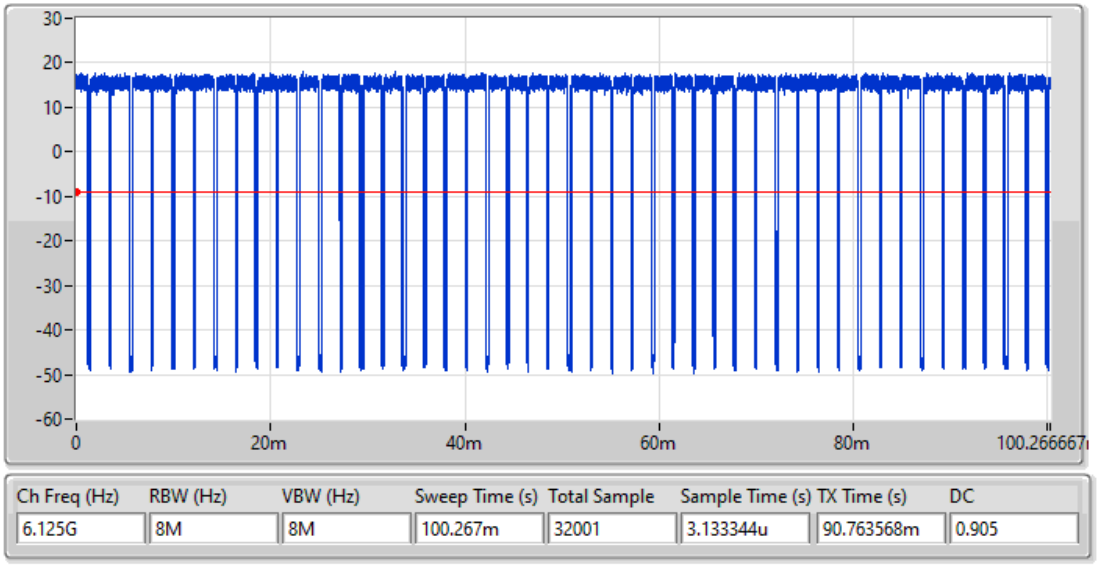
DC;ax20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.115G	8M	8M	100.267m	32001	3.133344u	89.28463m	0.89

Bandwidth: 40MHz

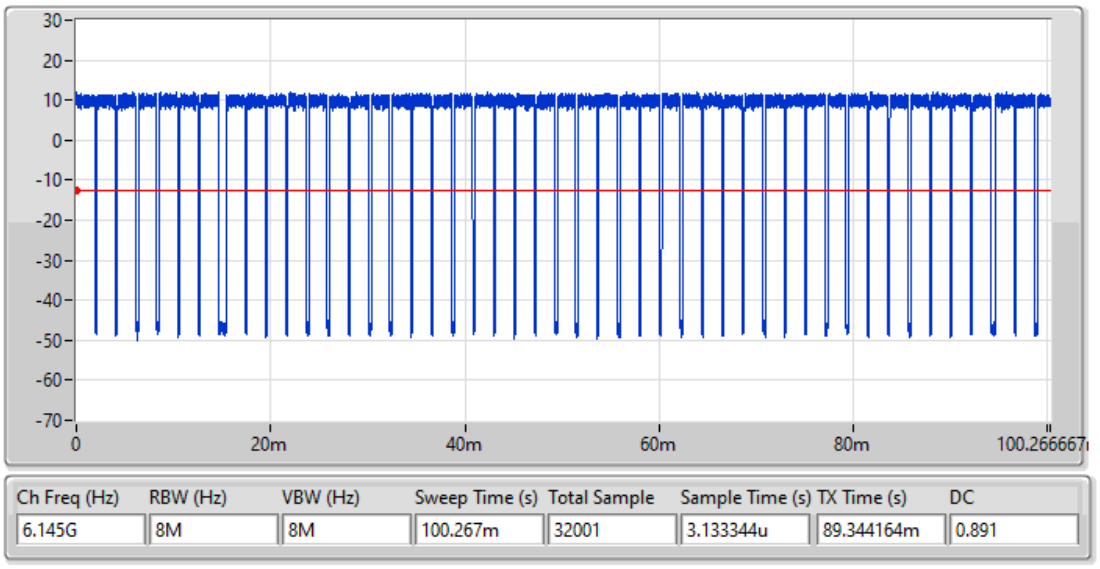
DC;ax40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.125G	8M	8M	100.267m	32001	3.133344u	90.763568m	0.905

Bandwidth: 80MHz

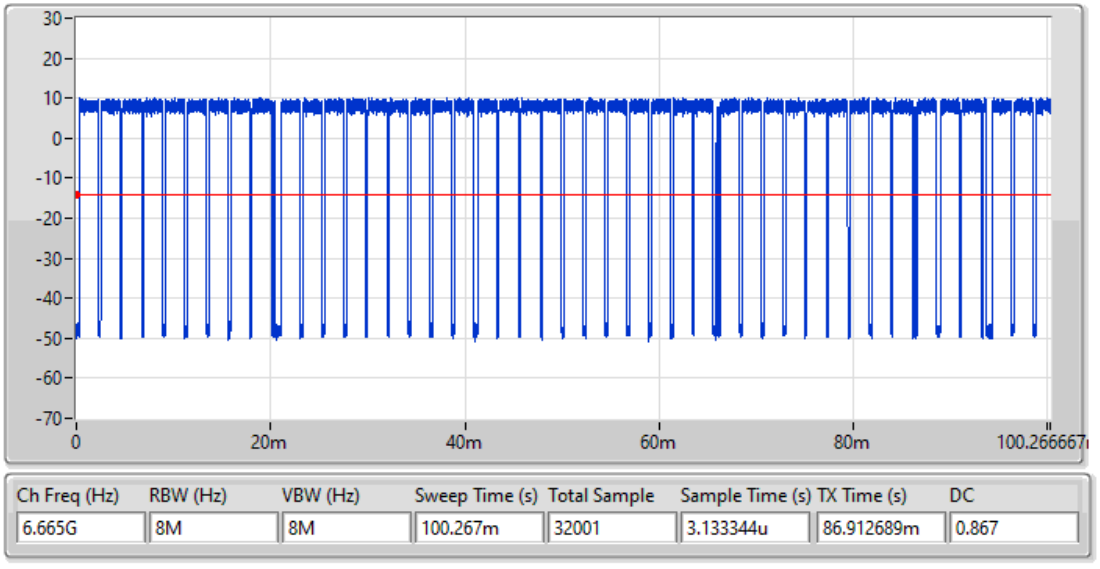
DC;ax80;BWch:80



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.145G	8M	8M	100.267m	32001	3.133344u	89.344164m	0.891

Bandwidth: 160MHz

DC;ax160;BWch:160



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.665G	8M	8M	100.267m	32001	3.133344u	86.912689m	0.867

———THE END———