Testing Laboratory 3787

AFC DUT TEST HARNESS REPORT

FCC ID	:	2AHBN-AP27
Equipment	:	Wi-Fi 7 Wireless Access Point
Brand Name	:	Juniper
Model Name	:	AP27, AP27E
Applicant	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 28, 2026, and testing was started from Aug. 08, 2026 and completed on Aug. 22, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in AFC Device (AFC DUT) Compliance Test Plan Version 1.7 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
F35N0636-01	01	Initial issue of report	Oct. 13, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Case Name	Result (PASS/FAIL)	Remark
AFC capability - Inquired Frequency Test Group: Inquired Frequency - Always				
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1	N/A	-
-	3.2.4	CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1	N/A	-
-	3.3.4	CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1	N/A	-
-	3.4.4	CT_AFC_SP_AP_AFCDUAU34_Frequency_10617_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_320MHz_10713_1	N/A	-
AFC capability - Inquired Channel Test Group: Inquired Channel - Always				
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1	N/A	-
-	3.2.4	CT_AFC_SP_AP_AFCDUSA32_Channel_10622_1	N/A	-
-	3.3.4	CT_AFC_SP_AP_AFCDSAU33_Channel_10623_1	N/A	-
-	3.4.4	CT_AFC_SP_AP_AFCDUAU34_Channel_10624_1	N/A	-
-	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_320MHz_10714_1	N/A	-
AFC capability - Inquired Frequency & Channel Test Group: Inquired Frequency and Channel - Always				
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1	PASS	-
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1	PASS	-
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1	PASS	-
3.4	3.4.4	CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1	PASS	-
AFC capability - Server Validation – Mandatory Test Group: Server Validation - Always				
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1	PASS	-
3.5	3.5.4	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_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: Muse Chan

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
Standard AP Operating Configuration	For EUT 1: ☒ The SP AP initially operates in LPI mode upon power-up. It switches to SP mode after obtaining AFC authorization. ☒ The SP AP does not transmit any signal in 6 GHz upon power-up. It only starts operating in SP mode after obtaining AFC authorization.
	For EUT 2: ☐ The SP AP initially operates in LPI mode upon power-up. It switches to SP mode after obtaining AFC authorization. ☒ The SP AP does not transmit any signal in 6 GHz upon power-up. It only starts operating in SP mode after obtaining AFC authorization.
Fixed Client Operating Configuration	☐ Connect Standard power AP via in-band (UNII-5&7).It also means DUT supports equipment class: 6FX+6FC. ☐ Connect Standard power AP via out-of-band (other than UNII-5&7).It also means DUT supports equipment class: 6FC only.
Bandwidth (MHz)	20 / 40 / 80 / 160 / 320
Condition of EUT	☒ Indoor ☐ Outdoor
Professional Installation	☒ Yes ☐ No
Firmware Version	0.15.35133
Software Version	N/A
Hardware Version	47722
Proxy Firmware Version	N/A
Proxy Software Version	hotfix-v0.0.178-0.0.179
Proxy Hardware Version	N/A

Note: The above information was declared by manufacturer.

1.2 Antenna Information

<For EUT 1>

Ant.	RF Port					Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
	2.4G/ 5G	6G	IEEE 802.15.4	Bluetooth	GPS						
1	2	-	-	-	-	Juniper	AP27	PIFA	I-PEX	Note 1	WLAN 2.4GHz (Radio 2) WLAN 5GHz UNII 1-3 (Radio 1)
2	1	-	-	-	-	Juniper	AP27	PIFA	I-PEX		
3	-	2	1	-	-	Juniper	AP27	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0) IEEE 802.15.4 (Radio 4)
4	-	1	-	1	-	Juniper	AP27	PIFA	I-PEX		WLAN 6GHz UNII 5-8 (Radio 0) Bluetooth (Radio 4)
5	1	1	-	-	-	Juniper	AP27, AP27E	PIFA	I-PEX		WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3)
6	-	-	-	-	1	Juniper	AP27, AP27E	PIFA	I-PEX	L1: 3.2 L5: 1.2	GPS (Radio 5)

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)							
	2.45GHz	5.2GHz		5.3GHz		5.6GHz		5.785GHz	
1	2.07	4.39		3.95		4.78		3.77	
2	3.16	3.08		3.92		4.68		4.27	
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					IEEE 802.15.4 (Radio 4)			
	6.175GHz	6.475GHz		6.695GHz	6.995GHz				
3	4.33	4.54		4.06	4.61	3.1			
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)					Bluetooth (Radio 4)			
	6.175GHz	6.475GHz		6.695GHz	6.995GHz				
4	4.03	4.46		4.39	4.53	2.5			
Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
5	4.9	3.52	4.07	4.19	5.01	4.42	4.36	5.86	3.44

Directional Gain (dBi)				
Item	WLAN 2.4GHz (Radio 2)			
	2.45GHz			
2T1S	4.26			
2T2S	3.16			
Item	WLAN 5GHz UNII 1-3 (Radio 1)			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
2T1S	5.58	5.59	5.98	5.92
2T2S	4.39	3.95	4.78	4.27
Item	WLAN 6GHz UNII 5-8 (Radio 0)			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.72	6.5	6.87	6.83
2T2S	4.33	4.54	4.39	4.61

Note 2: The above information (excepting Ant. 1-5 (WLAN) antenna gain and directional gain) was declared by Manufacturer.

Note 3: Radio 0-3: Maximum Directional Gain following KDB662911 D03.

For Radio 0:
6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For Radio 1:
5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For Radio 2:
2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For Radio 3(Scanning radio):
2.4GHz IEEE 802.11b/g mode (1TX/1RX)
5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)
6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)
Only Port 1 can be used as transmitting/receiving antenna.
For Radio 4:
Bluetooth and IEEE 802.15.4 mode (1TX/1RX)
Only Port 1 can be used as transmitting/receiving antenna.
For Radio 5:
GPS (1RX)
Only Port 1 can be used as receiving antenna.

<For EUT 2>

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1 (V)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA	Note 1	WLAN 2.4GHz (Radio 2) WLAN 5GHz UNII 1-3 (Radio 1) <External antenna>
2	2 (H)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		
3	1 (V)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		WLAN 6GHz UNII 5-8 (Radio 0) <External antenna>
4	2 (H)	HUBBELL & AccelTex	ATS-OP-2456-81010-4RPSP-36	Patch	RPSMA		
5	1	Juniper	AP27, AP27E	PIFA	I-PEX		WLAN 2.4GHz WLAN 5GHz UNII 1-3 WLAN 6GHz UNII 5-8 (Radio 3) <Internal antenna>
6	1	Juniper	AP27, AP27E	PIFA	I-PEX	2.5	Bluetooth (Radio 4) <Internal antenna>
7	1	Juniper	AP27, AP27E	PIFA	I-PEX	3.1	IEEE 802.15.4 (Radio 4) <Internal antenna>
8	1	Juniper	AP27, AP27E	PIFA	I-PEX	L1: 3.2 L5: 1.2	GPS (Radio 5) <Internal antenna>

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	8	10	10	10	10
2	8	10	10	10	10
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
3	10	10	10	10	
4	10	10	10	10	

Ant.	Scanning radio (Radio 3)								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
5	4.9	3.52	4.07	4.19	5.01	4.42	4.36	5.86	3.44

Ant.	Cable Loss (dB)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	0.4	0.5	0.6	0.6	0.6
2	0.4	0.5	0.6	0.6	0.6
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
3	0.6	0.7	0.7	0.7	
4	0.6	0.7	0.7	0.7	

Ant.	Net Gain (dBi)				
	WLAN 2.4GHz (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 1)			
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	7.6	9.5	9.4	9.4	9.4
2	7.6	9.5	9.4	9.4	9.4
Ant.	WLAN 6GHz UNII 5-8 (Radio 0)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
3	9.4	9.3	9.3	9.3	
4	9.4	9.3	9.3	9.3	

Note 2: The above information (excepting Ant. 5 antenna gain) was declared by Manufacturer.
Note 3: V indicates that the antenna is vertically polarized.
H indicates that the antenna is horizontally polarized.
Note 4: The antenna 1~4 are the cross-polarized antenna; it doesn't need to evaluate array gain
Note 5:

For Radio 0:
6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For Radio 1:
5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For Radio 2:
2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For Radio 3(Scanning radio):
2.4GHz IEEE 802.11b/g mode (1TX/1RX)
5GHz (UNII 1-3) IEEE 802.11a mode (1TX/1RX)
6GHz (UNII 5-8) IEEE 802.11a mode (1TX/1RX)
Only Port 1 can be used as transmitting/receiving antenna.
For Radio 4:
Bluetooth and IEEE 802.15.4 mode (1TX/1RX)
Only Port 1 can be used as transmitting/receiving antenna.
For Radio 5:
GPS (1RX)
Only Port 1 can be used as receiving antenna.

1.3 Table for Multiple Listing

EUT	Model Name	6GHz	Wi-Fi Antenna	802.15.4 Antenna	BT Antenna	Scan Antenna	GPS Antenna
1	AP27	Support (Radio 0, 3)	Internal antenna (Radio 0~3)	the same (the only difference between two model is the cable length)	the same (the only difference between two model is the cable length)	The same	The same
2	AP27E	Support (Radio 0, 3)	external antenna (Radio 0~2) Internal antenna (Radio 3)	the same (the only difference between two model is the cable length)	the same (the only difference between two model is the cable length)	The same	The same

Note 1: All models are identical to each other in all aspects except for the listing table.
Note 2: For Radio 0, both EUTs were selected for testing.
Note 3: The above information was declared by manufacturer.

1.4 Table for Radio Function

Function / Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	IEEE 802.15.4	GPS
0	-	-	V (UNII 5~8)	-	-	-
1	-	V (UNII 1-3)	-	-	-	-
2	V	-	-	-	-	-
3 (Scanning radio)	V	V (UNII 1-3)	V (UNII 5~8)	-	-	-
4	-	-	-	V	V	-
5	-	-	-	-	-	V

Note 1: For WLAN 2.4GHz: The Radio 2 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.
For WLAN 5GHz: The Radio 1 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.
For WLAN 6GHz: The Radio 0 and Radio 3 (Scanning radio) can't operate at the same frequency simultaneously.
Note 2: The above information was declared by manufacturer.

1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: 5N0636.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding the Standard Power Access Point for UNII-5, 7 2. Enable the 6GHz function of Radio 0 of EUT 2 for Standard Power Access Point.	AFC DUT TEST HARNESS

1.6 Accessories

Accessories
Bracket*1
Antenna Bracket of External Ant. 1~4 (Used for EUT 2) / (Note)

Note: Optional, not sold with EUT

1.7 Support Equipment

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	QCA	QCNCM865	N/A
D	PoE	PHIHONG	POE60U-BTA	N/A

1.8 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
- FCC KDB 987594 D05 v01r01

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

- AFC Device (AFC DUT) Compliance Test Plan Version 1.7

1.9 Testing Location

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Caster Chang	22.9~23.4 / 61~63	Aug. 08, 2026 ~ Aug. 22, 2026

2 Measurement Environment

Measurement Environment Information	
AFC DUT Test Harness version	2.0.65.184

2.1 The Measurement Configuration

The Mode for Following Conformance Tests	
1	EUT 1_Low Power Indoor + Standard Power Access Point_full tests
2	EUT 1_Standard Power Access Point_spot check RSA maximum/minimum bandwidth
3	EUT 2_Standard Power Access Point_full tests

Note 1: 16-pin connector port was used for debugging by the manufacturer only.
Note 2: The PoE is used for testing purpose; it will not be sold with the EUT

Power	Brand Name	Model Name
PoE	PHIHONG	POE60U-BTA

2.2 AFCD General Capabilities Declaration

Test Mode: Mode 1

Item	Question	Vendor Response
1	AFC DUT Type	Standard Power AP with Proxy
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?	Yes
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?	No
11	Does the AFC DUT supports 320 MHz channel width operation?	Yes

Note: The above information was declared by manufacturer.

Test Mode: Mode 2

Item	Question	Vendor Response
1	AFC DUT Type	Standard Power AP with Proxy
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?	No
11	Does the AFC DUT supports 320 MHz channel width operation?	Yes

Note: The above information was declared by manufacturer.

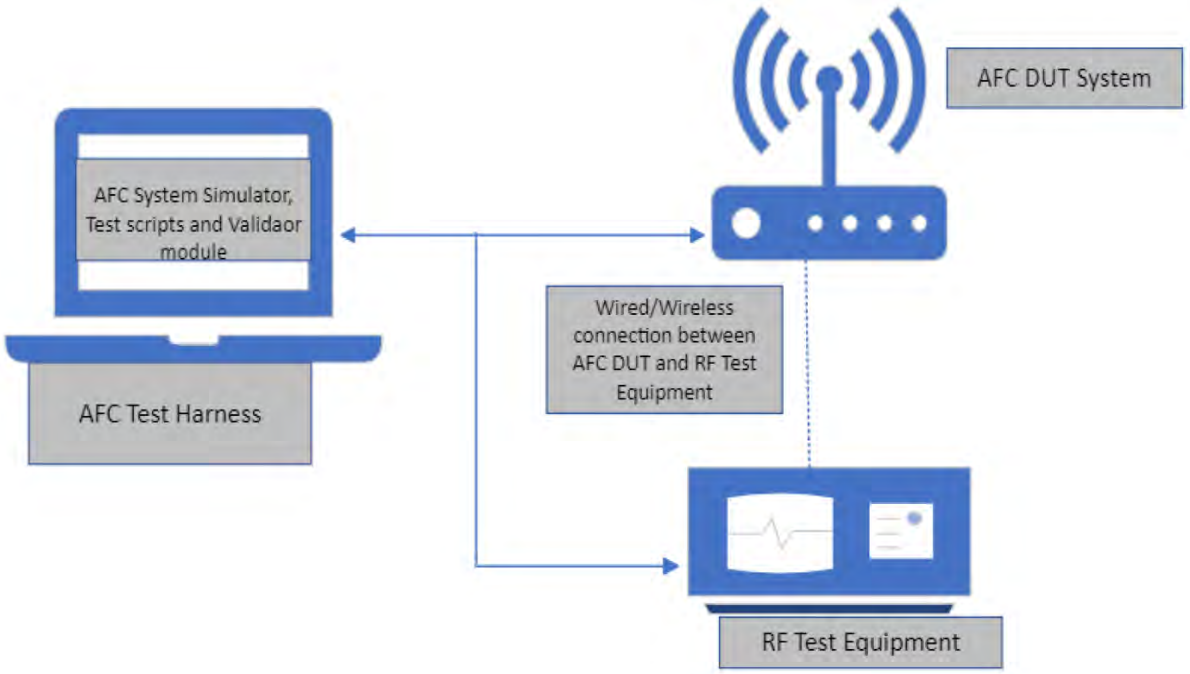
Test Mode: Mode 3

Item	Question	Vendor Response
1	AFC DUT Type	Standard Power AP with Proxy
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?	No
11	Does the AFC DUT supports 320 MHz channel width operation?	Yes

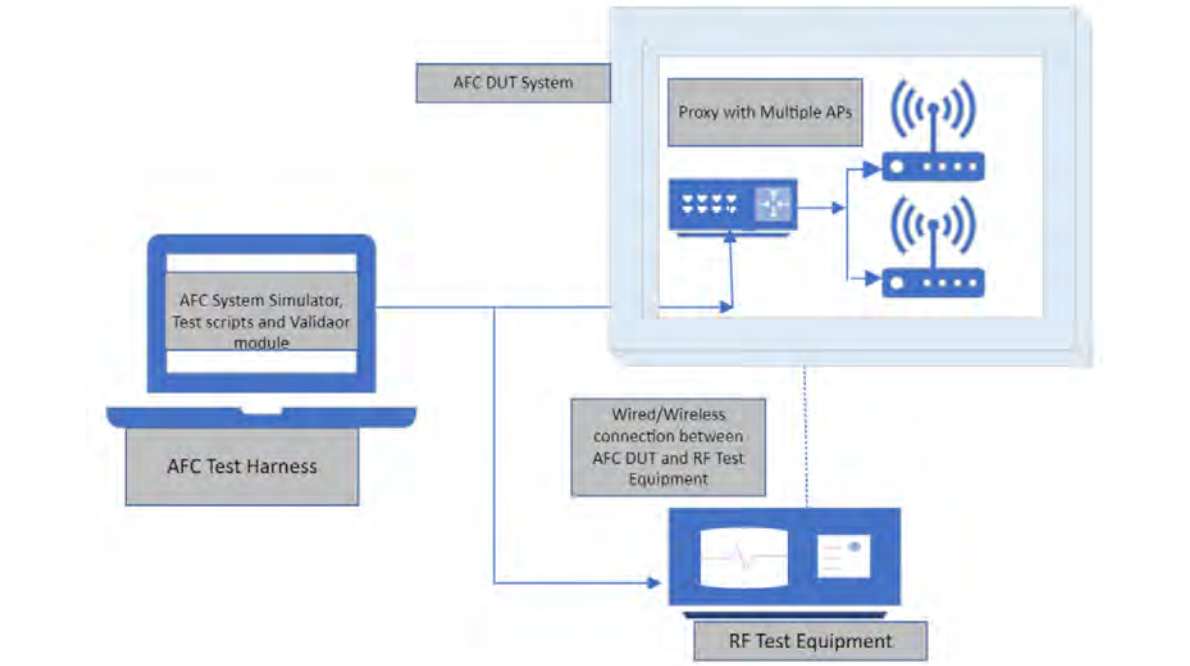
Note: The above information was declared by manufacturer.

2.3 Test Configuration

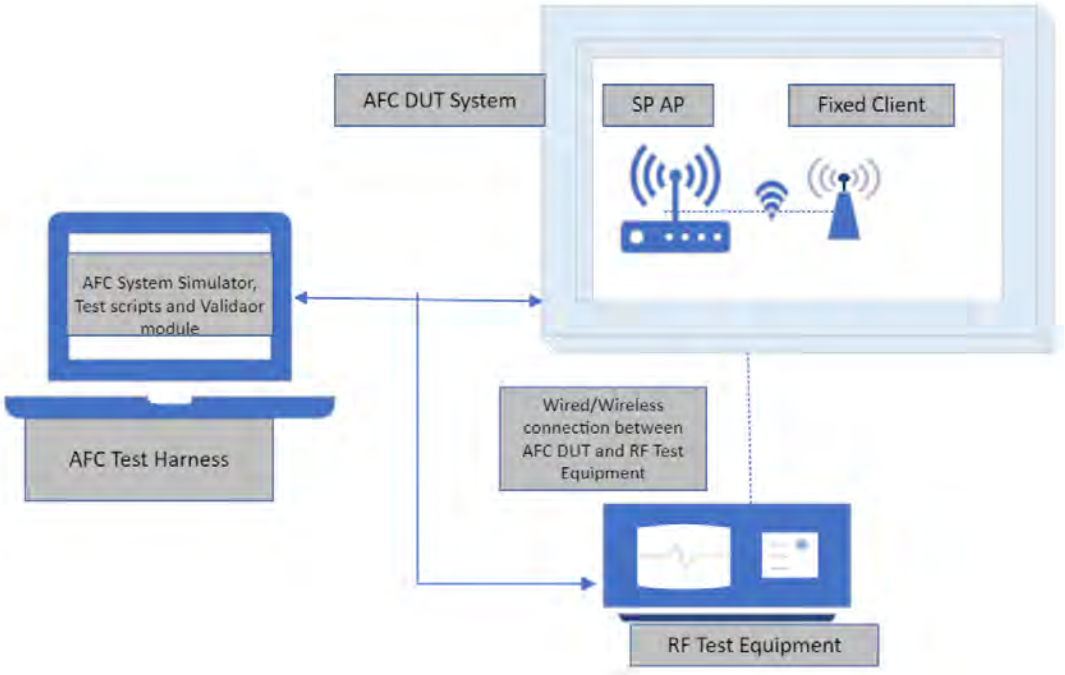
Standard Power Access Point Test Setup



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
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 30, 2026	Jun. 29, 2027	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	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV03	1GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV02	1GHz ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

5 Measurement Uncertainty

Test Items	Uncertainty	Remark
Conducted Emission	3.8 dB	Confidence levels of 95%

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Juniper
DUT Product Model	AP27

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_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_SP_AP_AFCDUSA32_FrequencyChannel_10629_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_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_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_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_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_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_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_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_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_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_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_AP_AFCDUSV35_StapledOCSPRespExpired_10637_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_AP_AFCDUSV35_OCSPStaplingDisabled_10636_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_AP_AFCDUSV35_ServerCertRevoked_10635_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_AP_AFCDUSV35_MatchSuffixSAN_10634_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_AP_AFCDUSV35_DifferentRootCA_10633_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_AP_AFCDUSV35_NonMatchSAN_10632_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_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.0 dBm/MHz PSD, 33.1 dBm EIRP) in Spectrum Reponse] on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (-1.6 dBm/MHz PSD, 23.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS

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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (23 dBm/MHz PSD, 36.0 dBm EIRP) in Spectrum Reponse] on channel 69 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_SP_AP_AFCDSAU33_FrequencyChannel_10630_1 (Successful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (16.1 dBm/MHz PSD, 29.1 dBm EIRP) in Spectrum Reponse] on channel 149 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

TestCaseName: CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.5 dBm/MHz PSD, 30.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 15 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.9 dBm/MHz PSD, 32.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.9 dBm/MHz PSD, 28.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 151 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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (15.8 dBm/MHz PSD, 34.8 dBm EIRP) in Spectrum Reponse] on channel center frequency index 7 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_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.9 dBm/MHz PSD, 26.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 147 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.2 dBm/MHz PSD, 27.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 3 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_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (14.6 dBm/MHz PSD, 27.6 dBm EIRP) in Spectrum Reponse] on channel 133 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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.9 dBm/MHz PSD, 23.9 dBm EIRP) in Spectrum Reponse] on channel 37 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	Standard Power AP with Proxy
DUT Vendor Name	Juniper
DUT Product Model	AP27

Test Result

FCC Requirements	TestCaseName	Test Result
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_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_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_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (10.1 dBm/MHz PSD, 35.2 dBm EIRP) on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (-0.3 dBm/MHz PSD, 24.8 dBm EIRP) on channel center frequency index 31 bandwidth 320.	true	PASS

AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (14.5 dBm/MHz PSD, 27.5 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_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 (16.7 dBm/MHz PSD, 29.7 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 DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Juniper
DUT Product Model	AP27E

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_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_SP_AP_AFCDUSA32_FrequencyChannel_10629_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_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_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_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_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_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_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_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_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_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_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_AP_AFCDUSV35_StapledOCSPRespExpired_10637_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_AP_AFCDUSV35_OCSPStaplingDisabled_10636_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_AP_AFCDUSV35_ServerCertRevoked_10635_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_AP_AFCDUSV35_MatchSuffixSAN_10634_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_AP_AFCDUSV35_DifferentRootCA_10633_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_AP_AFCDUSV35_NonMatchSAN_10632_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_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (9.0 dBm/MHz PSD, 34.1 dBm EIRP) on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (-1.5 dBm/MHz PSD, 23.6 dBm EIRP) on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 85 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_SP_AP_AFCDSAU33_FrequencyChannel_10630_1 (Successful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (16.3 dBm/MHz PSD, 29.3 dBm EIRP) on channel 5 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

TestCaseName: CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (8.9 dBm/MHz PSD, 30.9 dBm EIRP) on channel center frequency index 15 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (8.9 dBm/MHz PSD, 30.9 dBm EIRP) on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (14.1 dBm/MHz PSD, 33.1 dBm EIRP) on channel center frequency index 7 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 (13.3 dBm/MHz PSD, 32.3 dBm EIRP) on channel center frequency index 87 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_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (13.6 dBm/MHz PSD, 29.6 dBm EIRP) on channel center frequency index 3 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (8.9 dBm/MHz PSD, 24.9 dBm EIRP) on channel center frequency index 131 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
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 (15.8 dBm/MHz PSD, 28.8 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_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (20.8 dBm/MHz PSD, 33.8 dBm EIRP) on channel 37 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_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1

############################## 2026-08-20T06:57:16Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
```

```
                "center": {
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
```

```
        ]
    }
}

############################    2026-08-20T06:57:16Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 15.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 12.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 9.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
```

```
            "lowFrequency": 6005
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 12.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
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        "maxPsd": 15.4
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    {
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        },
        "maxPsd": 10.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
```

```
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 8.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 14.6
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6645,
                "lowFrequency": 6625
            },
            "maxPsd": 15.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6665,
                "lowFrequency": 6645
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                129,
                133,
                137,
                141
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
```

```
            28.5,
            25.3,
            22.1,
            30.9,
            25.4,
            32.3,
            28.4,
            23.8,
            24.6,
            21.2,
            22.5,
            31.4,
            23.9,
            27.6,
            28.7,
            25.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            67,
            75,
            83,
            91,
            131,
            139
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.3,
            25.1,
            28.4,
            26.8,
            24.2,
            25.5,
```

```
                26.9,
                28.6
            ]
        },
        {
            "channelCfi": [
                7,
                71,
                87,
                135
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.1,
                29.8,
                27.2,
                29.9
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.2
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebc89",
    "availabilityExpireTime": "2026-08-21T06:57:16Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

############################     2026-08-20T07:00:13Z     ############################
{
        "headers": {
            "Host": "testserver.wfatestorg.org",
            "User-Agent": "Go-http-client/1.1",
            "Accept": "*/*",
            "Content-Type": "application/json",
            "Accept-Encoding": "gzip",
            "X-Forwarded-For": "54.215.237.20",
            "X-Forwarded-Host": "testserver.wfatestorg.org",
            "X-Forwarded-Server": "testserver.wfatestorg.org",
            "Content-Length": "713",
            "Connection": "Keep-Alive"
        },
        "body": {
            "version": "1.4",
            "availableSpectrumInquiryRequests": [
                {
                    "requestId": "04a924aebc89",
                    "deviceDescriptor": {
                        "serialNumber": "04a924aebc89",
                        "certificationId": [
                            {
                                "id": "2AHBN-AP27",
                                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                            }
                        ]
                    },
                    "location": {
                        "elevation": {
                            "height": 88.86610141042935,
                            "heightType": "AGL",
```

```
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
```

```
                    }
                ]
            }
        ]
    }
}

############################    2026-08-20T07:00:13Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 15.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 12.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 9.1
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 19.3
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 15.4
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 10.8
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
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    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
```

```
            },
            "maxPsd": 14.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6645,
                "lowFrequency": 6625
            },
            "maxPsd": 15.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6665,
                "lowFrequency": 6645
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                129,
                133,
                137,
                141
```

```
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            28.5,
            25.3,
            22.1,
            30.9,
            25.4,
            32.3,
            28.4,
            23.8,
            24.6,
            21.2,
            22.5,
            31.4,
            23.9,
            27.6,
            28.7,
            25.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            67,
            75,
            83,
            91,
            131,
            139
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.3,
            25.1,
            28.4,
```

```
                26.8,
                24.2,
                25.5,
                26.9,
                28.6
            ]
        },
        {
            "channelCfi": [
                7,
                71,
                87,
                135
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.1,
                29.8,
                27.2,
                29.9
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.2
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
```

```
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-21T07:00:13Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-20T07:04:03Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
```

```
        "elevation": {
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
```

```
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-20T07:04:03Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 15.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 12.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
```

```
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 12.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
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        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 10.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
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    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 10.9
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6625,
                "lowFrequency": 6605
            },
            "maxPsd": 14.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6645,
                "lowFrequency": 6625
            },
            "maxPsd": 15.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6665,
                "lowFrequency": 6645
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                129,
```

```
            133,
            137,
            141
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            28.5,
            25.3,
            22.1,
            30.9,
            25.4,
            32.3,
            28.4,
            23.8,
            24.6,
            21.2,
            22.5,
            31.4,
            23.9,
            27.6,
            28.7,
            25.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            67,
            75,
            83,
            91,
            131,
            139
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
```

```
            28.3,
            25.1,
            28.4,
            26.8,
            24.2,
            25.5,
            26.9,
            28.6
        ]
    },
    {
        "channelCfi": [
            7,
            71,
            87,
            135
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.1,
            29.8,
            27.2,
            29.9
        ]
    },
    {
        "channelCfi": [
            79
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.2
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
```

```
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-21T07:04:03Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-20T07:04:49Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
```

```
        ]
    },
    "location": {
        "elevation": {
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
```

```
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################## 2026-08-20T07:04:49Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6045,
                        "lowFrequency": 6025
                    },
                    "maxPsd": 8.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6065,
                        "lowFrequency": 6045
                    },
                    "maxPsd": 8.1
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
```

```
            "lowFrequency": 6165
        },
        "maxPsd": 16.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 18.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
```

```
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 14.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 18.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 18.0
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 21.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 21.9
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
```

```
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            21.8,
            21.1,
            28.6,
            28.4,
            29.5,
            23.9,
            24.8,
            29.1,
            31.0,
            27.8,
            33.8,
            33.3,
            24.6,
            27.3,
            25.0,
            31.1,
            30.0,
            31.0,
            34.5,
            34.9
        ]
    },
    {
        "channelCfi": [
            19,
            27,
            35,
            43,
            51,
            59,
            147,
            155,
            163,
```

```
            171
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            24.1,
            31.4,
            26.9,
            27.8,
            30.8,
            36.0,
            27.6,
            28.0,
            33.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            23,
            39,
            55,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.1,
            29.9,
            33.8,
            30.6,
            36.0
        ]
    },
    {
        "channelCfi": [
            47
        ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        32.9
                    ]
                },
                {
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-21T07:04:49Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1


```
############################    2026-08-20T07:52:53Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-20T07:52:53Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6205,
                        "lowFrequency": 6185
                    },
                    "maxPsd": 13.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6225,
                        "lowFrequency": 6205
                    },
                    "maxPsd": 9.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6245,
                        "lowFrequency": 6225
                    },
                    "maxPsd": 13.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6265,
                        "lowFrequency": 6245
```

```
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 9.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 19.4
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 11.5
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 10.9
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 18.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 12.5
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                26.4,
```

```
                22.0,
                26.3,
                28.9,
                33.1,
                25.2,
                32.5,
                26.2,
                22.1,
                32.4,
                29.5,
                24.5,
                28.1,
                23.9,
                31.2,
                25.5
            ]
        },
        {
            "channelCfi": [
                51,
                59,
                67,
                75,
                83,
                91,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                25.0,
                29.3,
                28.2,
                29.2,
                25.1,
                27.5,
                26.9,
```

```
                28.5
            ]
        },
        {
            "channelCfi": [
                55,
                71,
                87,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.0,
                31.2,
                28.1,
                29.9
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.1
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebc89",
    "availabilityExpireTime": "2026-08-21T07:52:53Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

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

############################    2026-08-20T07:57:59Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
```

```
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
        }
```

```
                ]
            }
        ]
    }
}

############################    2026-08-20T07:57:59Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6205,
                        "lowFrequency": 6185
                    },
                    "maxPsd": 13.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6225,
                        "lowFrequency": 6205
                    },
                    "maxPsd": 9.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6245,
                        "lowFrequency": 6225
                    },
                    "maxPsd": 13.3
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
```

```
            "lowFrequency": 6345
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 19.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
```

```
            "maxPsd": 10.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 18.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 12.5
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                145,
                149,
                153,
                157
            ],
```

```
        "globalOperatingClass": 131,
        "maxEirp": [
            26.4,
            22.0,
            26.3,
            28.9,
            33.1,
            25.2,
            32.5,
            26.2,
            22.1,
            32.4,
            29.5,
            24.5,
            28.1,
            23.9,
            31.2,
            25.5
        ]
    },
    {
        "channelCfi": [
            51,
            59,
            67,
            75,
            83,
            91,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.0,
            29.3,
            28.2,
            29.2,
```

```
                25.1,
                27.5,
                26.9,
                28.5
            ]
        },
        {
            "channelCfi": [
                55,
                71,
                87,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.0,
                31.2,
                28.1,
                29.9
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.1
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebc89",
```

```
            "availabilityExpireTime": "2026-08-21T07:57:59Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-20T07:58:23Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
```

```
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
```

```
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-20T07:58:23Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 19.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 11.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
```

```
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 19.9
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 12.7
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 19.8
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 13.2
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 21.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
```

```
            },
            "maxPsd": 13.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 12.5
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                129,
                133,
                137,
                141,
                161,
                165,
                169,
                173
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
```

```
                32.6,
                24.2,
                29.3,
                33.0,
                31.2,
                23.4,
                22.4,
                32.9,
                25.5,
                31.2,
                25.7,
                32.8,
                26.2,
                21.6,
                34.1,
                27.0,
                34.1,
                33.9,
                26.5,
                25.5
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                131,
                139,
                163,
                171
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
```

```
                27.2,
                32.3,
                26.4,
                25.4,
                28.5,
                28.7,
                24.6,
                30.0,
                36.0,
                28.5
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                135,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                30.2,
                28.4,
                31.5,
                27.6,
                31.5
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.4
            ]
```

```
                    },
                    {
                        "channelCfi": [],
                        "globalOperatingClass": 137,
                        "maxEirp": []
                    }
                ],
                "requestId": "04a924aebc89",
                "availabilityExpireTime": "2026-08-21T07:58:23Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

############################ 2026-08-20T08:29:16Z ############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-20T08:29:16Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 17.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 21.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 8.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 12.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 11.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 19.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 13.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 11.8
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 17.8
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 13.3
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 9.9
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 14.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 14.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                81,
                85,
                89,
                93,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                30.2,
```

```
                34.1,
                21.3,
                23.9,
                25.4,
                30.1,
                24.2,
                32.0,
                26.6,
                21.4,
                24.8,
                30.8,
                26.3,
                22.9,
                27.0,
                27.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                83,
                91,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                33.2,
                24.3,
                28.4,
                27.2,
                24.4,
                27.8,
                25.9,
```

```
                30.0
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                87,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.3,
                30.2,
                27.4,
                28.9
            ]
        },
        {
            "channelCfi": [
                47
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.3
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebc89",
    "availabilityExpireTime": "2026-08-21T08:29:16Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

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

############################    2026-08-20T08:32:53Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
```

```
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
        }
```

```
                ]
            }
        ]
    }
}

############################    2026-08-20T08:32:53Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 20.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 18.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 15.8
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 19.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 18.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
```

```
            "lowFrequency": 6265
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
```

```
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 12.5
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 11.2
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                65,
                69,
                73,
                77,
                129,
                133,
                137,
                141,
                161,
                165,
                169,
                173
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                33.0,
                31.0,
                28.8,
```

```
                32.5,
                31.7,
                32.4,
                31.4,
                31.0,
                22.8,
                29.5,
                24.0,
                30.9,
                33.0,
                24.0,
                33.0,
                26.6,
                22.7,
                30.3,
                25.5,
                24.2
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                67,
                75,
                131,
                139,
                163,
                171
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                34.0,
                31.8,
                34.7,
```

```
                34.0,
                25.8,
                27.0,
                27.0,
                29.6,
                25.7,
                27.2
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                71,
                135,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                34.8,
                36.0,
                28.8,
                30.0,
                28.7
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                36.0
            ]
        },
        {
            "channelCfi": [],
```

```
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-21T08:32:53Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1

############################ 2026-08-20T09:15:26Z ############################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-20T09:15:26Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 13.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 10.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
```

```
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 18.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.5
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 14.5
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 13.1
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 8.5
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 14.1
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 13.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 21.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                26.9,
```

```
                23.2,
                34.4,
                22.7,
                30.5,
                31.1,
                21.5,
                32.9,
                30.5,
                27.5,
                26.1,
                29.0,
                21.5,
                27.1,
                26.9,
                34.4
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                26.2,
                25.7,
                33.5,
                24.5,
                30.5,
                29.1,
                24.5,
```

```
            29.9
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.7,
            27.5,
            32.1,
            27.5
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5,
            30.5
        ]
    },
    {
        "channelCfi": [
            31
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            33.6
        ]
```

```
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-21T09:15:26Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-20T09:15:28Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP64",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-20T09:15:28Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 13.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 10.2
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 18.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 8.5
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6225,
                "lowFrequency": 6205
            },
            "maxPsd": 14.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 13.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 21.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            26.9,
            23.2,
            34.4,
            22.7,
            30.5,
            31.1,
            21.5,
            32.9,
            30.5,
            27.5,
            26.1,
            29.0,
            21.5,
            27.1,
            26.9,
            34.4
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59
        ],
```

```
        "globalOperatingClass": 132,
        "maxEirp": [
            26.2,
            25.7,
            33.5,
            24.5,
            30.5,
            29.1,
            24.5,
            29.9
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.7,
            27.5,
            32.1,
            27.5
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5,
            30.5
        ]
```

```
                    },
                    {
                        "channelCfi": [
                            31
                        ],
                        "globalOperatingClass": 137,
                        "maxEirp": [
                            33.6
                        ]
                    }
                ],
                "requestId": "04a924aebc89",
                "availabilityExpireTime": "2026-08-21T09:15:28Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################    2026-08-20T09:15:50Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
```

```
"requestId": "04a924aebc89",
"deviceDescriptor": {
    "serialNumber": "04a924aebc89",
    "certificationId": [
        {
            "id": "2AHBN-AP27",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ]
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
```

```
                    {
                        "globalOperatingClass": 132
                    },
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-20T09:15:50Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 13.9
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 10.2
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 21.4
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 17.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 18.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
```

```
            },
            "maxPsd": 16.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6205,
                "lowFrequency": 6185
            },
            "maxPsd": 8.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6225,
                "lowFrequency": 6205
            },
            "maxPsd": 14.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 13.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 21.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
```

```
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                26.9,
                23.2,
                34.4,
                22.7,
                30.5,
                31.1,
                21.5,
                32.9,
                30.5,
                27.5,
                26.1,
                29.0,
                21.5,
                27.1,
                26.9,
                34.4
            ]
        },
        {
            "channelCfi": [
```

```
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                26.2,
                25.7,
                33.5,
                24.5,
                30.5,
                29.1,
                24.5,
                29.9
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.7,
                27.5,
                32.1,
                27.5
            ]
        },
        {
```

```
                "channelCfi": [
                    15,
                    47
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.5,
                    30.5
                ]
            },
            {
                "channelCfi": [
                    31
                ],
                "globalOperatingClass": 137,
                "maxEirp": [
                    33.6
                ]
            }
        ],
        "requestId": "04a924aebc89",
        "availabilityExpireTime": "2026-08-21T09:15:50Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################  2026-08-20T09:20:06Z  ############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "54.215.237.20",
```

```
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
                            "longitude": -122.03318,
                            "latitude": 37.295692
                        },
                        "majorAxis": 17,
                        "minorAxis": 14,
                        "orientation": 45
                    },
                    "indoorDeployment": 1
                },
                "inquiredFrequencyRange": [
```

```
                    {
                        "lowFrequency": 5925,
                        "highFrequency": 7115
                    }
                ],
                "inquiredChannels": [
                    {
                        "globalOperatingClass": 131
                    },
                    {
                        "globalOperatingClass": 132
                    },
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-20T09:20:06Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 11.6
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 15.4
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 18.0
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 15.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 11.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
```

```
            },
            "maxPsd": 14.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                30.7,
                24.7,
                23.9,
                28.5,
                24.6,
                24.0,
                25.4,
                28.4,
                28.7,
                31.0,
                26.3,
```

```
            26.0,
            23.5,
            28.7,
            24.1,
            27.1
        ]
    },
    {
        "channelCfi": [
            67,
            75,
            83,
            91,
            131,
            139,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            27.7,
            26.9,
            27.0,
            28.4,
            31.7,
            29.0,
            26.5,
            27.1
        ]
    },
    {
        "channelCfi": [
            71,
            87,
            135,
            151
        ],
```

```
                "globalOperatingClass": 133,
                "maxEirp": [
                    29.9,
                    30.0,
                    32.0,
                    29.5
                ]
            },
            {
                "channelCfi": [
                    79,
                    143
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    32.9,
                    32.5
                ]
            },
            {
                "channelCfi": [],
                "globalOperatingClass": 137,
                "maxEirp": []
            }
        ],
        "requestId": "04a924aebc89",
        "availabilityExpireTime": "2026-08-21T09:20:06Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1


```
############################    2026-08-21T02:34:45Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-21T02:34:45Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-22T02:34:45Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-21T02:34:54Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
```

```
"availableSpectrumInquiryRequests": [
    {
        "requestId": "04a924aebc89",
        "deviceDescriptor": {
            "serialNumber": "04a924aebc89",
            "certificationId": [
                {
                    "id": "2AHBN-AP27",
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                }
            ]
        },
        "location": {
            "elevation": {
                "height": 88.86610141042935,
                "heightType": "AGL",
                "verticalUncertainty": 1
            },
            "ellipse": {
                "center": {
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
```

```
                    "globalOperatingClass": 131
                },
                {
                    "globalOperatingClass": 132
                },
                {
                    "globalOperatingClass": 133
                },
                {
                    "globalOperatingClass": 134
                },
                {
                    "globalOperatingClass": 136
                },
                {
                    "globalOperatingClass": 137
                }
            ]
        }
    ]
  }
}

############################    2026-08-21T02:34:54Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-22T02:34:54Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
```

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

############################    2026-08-21T02:35:27Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP64",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
```

```
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
        }
```

```
                    ]
                }
            ]
        }
}

############################    2026-08-21T02:35:27Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-22T02:35:27Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-21T02:40:27Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
```

```
},
"body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "04a924aebc89",
            "deviceDescriptor": {
                "serialNumber": "04a924aebc89",
                "certificationId": [
                    {
                        "id": "2AHBN-AP64",
                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                    }
                ]
            },
            "location": {
                "elevation": {
                    "height": 88.86610141042935,
                    "heightType": "AGL",
                    "verticalUncertainty": 1
                },
                "ellipse": {
                    "center": {
                        "longitude": -122.03318,
                        "latitude": 37.295692
                    },
                    "majorAxis": 17,
                    "minorAxis": 14,
                    "orientation": 45
                },
                "indoorDeployment": 1
            },
            "inquiredFrequencyRange": [
                {
                    "lowFrequency": 5925,
                    "highFrequency": 7115
                }
```

```
                ],
                "inquiredChannels": [
                    {
                        "globalOperatingClass": 131
                    },
                    {
                        "globalOperatingClass": 132
                    },
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-21T02:40:27Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebc89",
```

```
            "availabilityExpireTime": "2026-08-22T02:40:27Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1

############################ 2026-08-21T03:32:00Z ############################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-21T03:32:00Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 12.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 12.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 15.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 8.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 14.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.1
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 20.7
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 16.1
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 8.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 10.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                25.8,
```

```
                25.4,
                28.0,
                26.6,
                21.2,
                24.7,
                24.8,
                30.3,
                27.6,
                33.1,
                33.9,
                22.7,
                33.7,
                29.1,
                21.9,
                23.3
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                28.4,
                29.6,
                24.2,
                27.8,
                30.6,
                25.7,
                32.1,
```

```
                24.9
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                71,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                31.4,
                27.2,
                28.7,
                27.9
            ]
        },
        {
            "channelCfi": [
                47
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.2
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebc89",
    "availabilityExpireTime": "2026-08-22T03:32:00Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

],
"version": "1.4"
}

CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1


```
############################    2026-08-21T06:16:38Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-21T06:16:38Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5945,
                        "lowFrequency": 5925
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
```

```
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 23
```

```
},
{
    "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": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
```

```
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "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,
            "lowFrequency": 6845
```

```
            },
            "maxPsd": 23
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
```

141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181
],
"globalOperatingClass": 131,
"maxEirp": [
36.0,
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,
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,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            123,
            131,
            139,
```

```
            147,
            155,
            163,
            171,
            179
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            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,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
```

```
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            2
        ],
```

```
                    "globalOperatingClass": 136,
                    "maxEirp": [
                        36.0
                    ]
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-22T06:16:38Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-21T06:17:14Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
```

```
                "id": "2AHBN-AP27",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ]
    },
    "location": {
        "elevation": {
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
```

```
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-21T06:17:14Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5945,
                        "lowFrequency": 5925
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
```

```
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 23
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 23
},
{
    "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": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 23
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "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,
                "lowFrequency": 6845
            },
            "maxPsd": 23
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
```

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

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36.0,
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36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0
]
},
{
"channelCfi": [
3,
11,

19,
27,
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,
36.0,
36.0,

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

```
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        36.0,
                        36.0,
                        36.0,
                        36.0
                    ]
                },
                {
                    "channelCfi": [
                        2
                    ],
                    "globalOperatingClass": 136,
                    "maxEirp": [
                        36.0
                    ]
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-22T06:17:14Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1


```
############################    2026-08-21T01:43:03Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-21T01:43:03Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 15.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 8.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 17.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 17.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 19.5
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 12.1
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 13.2
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 13.8
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 8.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 16.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                28.4,
```

```
                21.0,
                30.0,
                23.1,
                31.3,
                30.9,
                23.7,
                32.1,
                32.5,
                25.4,
                25.1,
                26.2,
                25.0,
                26.8,
                21.5,
                29.4
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                24.0,
                26.1,
                33.9,
                26.7,
                28.4,
                28.1,
                28.0,
```

```
            24.5
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.0,
            29.7,
            31.1,
            27.5
        ]
    },
    {
        "channelCfi": [
            47,
            79
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.0,
            30.5
        ]
    },
    {
        "channelCfi": [
            63
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            33.1
        ]
```

```
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-22T01:43:03Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-21T01:46:08Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-21T01:46:08Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 4.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": -1.6
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 2.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 7.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": -1.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 4.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 6.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": -1.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 1.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 6.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 6.6
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6225,
                "lowFrequency": 6205
            },
            "maxPsd": 6.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 12.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 8.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            17.6,
            11.4,
            15.3,
            20.7,
            23.2,
            12.0,
            17.4,
            19.1,
            11.7,
            14.6,
            19.6,
            22.8,
            19.6,
            19.5,
            25.7,
            21.1
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59
        ],
```

```
        "globalOperatingClass": 132,
        "maxEirp": [
            14.4,
            18.3,
            15.0,
            20.4,
            14.7,
            22.6,
            22.5,
            24.1
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            17.4,
            18.0,
            17.7,
            25.5
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            20.4,
            20.7
        ]
```

```
                    },
                    {
                        "channelCfi": [
                            31
                        ],
                        "globalOperatingClass": 137,
                        "maxEirp": [
                            23.5
                        ]
                    }
                ],
                "requestId": "04a924aebc89",
                "availabilityExpireTime": "2026-08-22T01:46:08Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

AFC capability - Inquired Frequency & Channel

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1


```
############################    2026-08-22T00:49:14Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
```

```
                "center": {
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
```

```
            ]
        }
}

############################    2026-08-22T00:49:14Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-23T00:49:14Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-22T00:49:31Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
    {
        "requestId": "04a924aebc89",
        "deviceDescriptor": {
            "serialNumber": "04a924aebc89",
            "certificationId": [
                {
                    "id": "2AHBN-AP27",
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                }
            ]
        },
        "location": {
            "elevation": {
                "height": 88.86610141042935,
                "heightType": "AGL",
                "verticalUncertainty": 1
            },
            "ellipse": {
                "center": {
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
```

```
                    {
                        "globalOperatingClass": 131
                    },
                    {
                        "globalOperatingClass": 132
                    },
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-22T00:49:31Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6205,
                        "lowFrequency": 6185
```

```
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 15.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 17.3
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 15.5
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 21.5
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 14.5
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 16.8
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 20.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6605,
                "lowFrequency": 6585
            },
            "maxPsd": 14.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6625,
                "lowFrequency": 6605
            },
            "maxPsd": 9.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6645,
                "lowFrequency": 6625
            },
            "maxPsd": 11.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6665,
                "lowFrequency": 6645
            },
            "maxPsd": 19.3
        }
    ],
    "availableChannelInfo": [
        {
```

"channelCfi": [
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
129,
133,
137,
141
],
"globalOperatingClass": 131,
"maxEirp": [
32.1,
23.3,
34.9,
24.3,
31.2,
28.6,
30.3,
28.5,
34.5,
27.5,
29.8,
33.8,
27.0,
22.5,
24.6,
32.3
]

```
},
{
    "channelCfi": [
        51,
        59,
        67,
        75,
        83,
        91,
        131,
        139
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        26.3,
        27.3,
        31.6,
        31.5,
        30.5,
        32.8,
        25.5,
        27.6
    ]
},
{
    "channelCfi": [
        55,
        71,
        87,
        135
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        29.3,
        34.5,
        33.5,
        28.5
```

```
                ]
            },
            {
                "channelCfi": [
                    79
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    36.0
                ]
            },
            {
                "channelCfi": [],
                "globalOperatingClass": 137,
                "maxEirp": []
            }
        ],
        "requestId": "04a924aebc89",
        "availabilityExpireTime": "2026-08-23T00:49:31Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
],
"version": "1.4"
}

############################## 2026-08-22T00:52:59Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
```

```
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
                            "longitude": -122.03318,
                            "latitude": 37.295692
                        },
                        "majorAxis": 17,
                        "minorAxis": 14,
                        "orientation": 45
                    },
                    "indoorDeployment": 1
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5925,
                        "highFrequency": 7115
```

```
                    }
                ],
                "inquiredChannels": [
                    {
                        "globalOperatingClass": 131
                    },
                    {
                        "globalOperatingClass": 132
                    },
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-22T00:52:59Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
```

```
        "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 15.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
```

```
            "lowFrequency": 6045
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
```

```
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 8.6
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6765,
                "lowFrequency": 6745
            },
            "maxPsd": 12.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 16.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 14.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 14.2
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
```

21,
25,
29,
33,
37,
41,
45,
145,
149,
153,
157,
161,
165,
169,
173
],
"globalOperatingClass": 131,
"maxEirp": [
22.7,
26.0,
28.4,
29.9,
21.9,
23.5,
27.9,
22.8,
30.4,
34.9,
31.8,
22.0,
31.8,
30.6,
24.7,
21.6,
25.5,
29.7,
27.3,

```
            27.2
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            147,
            155,
            163,
            171
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.7,
            31.4,
            24.9,
            25.8,
            33.4,
            25.0,
            33.6,
            24.6,
            28.5,
            30.2
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            151,
            167
```

```
                ],
                "globalOperatingClass": 133,
                "maxEirp": [
                    28.7,
                    27.9,
                    28.0,
                    27.6,
                    31.5
                ]
            },
            {
                "channelCfi": [
                    15
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    30.9
                ]
            },
            {
                "channelCfi": [],
                "globalOperatingClass": 137,
                "maxEirp": []
            }
        ],
        "requestId": "04a924aebc89",
        "availabilityExpireTime": "2026-08-23T00:52:59Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################  2026-08-22T00:53:53Z  ############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
```

```
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
                            "longitude": -122.03318,
                            "latitude": 37.295692
                        },
                        "majorAxis": 17,
                        "minorAxis": 14,
```

```
                    "orientation": 45
                },
                "indoorDeployment": 1
            },
            "inquiredFrequencyRange": [
                {
                    "lowFrequency": 5925,
                    "highFrequency": 7115
                }
            ],
            "inquiredChannels": [
                {
                    "globalOperatingClass": 131
                },
                {
                    "globalOperatingClass": 132
                },
                {
                    "globalOperatingClass": 133
                },
                {
                    "globalOperatingClass": 134
                },
                {
                    "globalOperatingClass": 136
                },
                {
                    "globalOperatingClass": 137
                }
            ]
        }
    ]
  }
}

############################  2026-08-22T00:53:53Z  ############################
{
```

```
"availableSpectrumInquiryResponses": [
    {
        "response": {
            "responseCode": 0,
            "shortDescription": "SUCCESS"
        },
        "availableFrequencyInfo": [
            {
                "frequencyRange": {
                    "highFrequency": 5965,
                    "lowFrequency": 5945
                },
                "maxPsd": 9.7
            },
            {
                "frequencyRange": {
                    "highFrequency": 5985,
                    "lowFrequency": 5965
                },
                "maxPsd": 13.0
            },
            {
                "frequencyRange": {
                    "highFrequency": 6005,
                    "lowFrequency": 5985
                },
                "maxPsd": 15.4
            },
            {
                "frequencyRange": {
                    "highFrequency": 6025,
                    "lowFrequency": 6005
                },
                "maxPsd": 16.9
            },
            {
                "frequencyRange": {
```

```
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 10.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
```

```
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 18.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 17.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 11.7
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 8.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6765,
                "lowFrequency": 6745
            },
            "maxPsd": 12.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 16.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 14.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 14.2
        }
    ],
```

```
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            22.7,
            26.0,
            28.4,
            29.9,
            21.9,
            23.5,
            27.9,
            22.8,
            30.4,
            34.9,
            31.8,
```

```
            22.0,
            31.8,
            30.6,
            24.7,
            21.6,
            25.5,
            29.7,
            27.3,
            27.2
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            147,
            155,
            163,
            171
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            25.7,
            31.4,
            24.9,
            25.8,
            33.4,
            25.0,
            33.6,
            24.6,
            28.5,
            30.2
        ]
```

```
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                151,
                167
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                28.7,
                27.9,
                28.0,
                27.6,
                31.5
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.9
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebc89",
    "availabilityExpireTime": "2026-08-23T00:53:53Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

],
"version": "1.4"
}

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1

############################ 2026-08-22T01:04:16Z ############################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-22T01:04:16Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 17.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 19.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 13.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 17.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 16.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 15.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 23.3
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 15.4
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.9
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 19.6
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 10.1
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 21.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                30.6,
```

```
                32.4,
                26.1,
                30.5,
                28.5,
                29.0,
                32.8,
                29.3,
                28.8,
                36.3,
                28.4,
                31.9,
                32.6,
                23.1,
                25.8,
                34.0
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                33.6,
                29.1,
                31.5,
                32.3,
                31.8,
                31.4,
                26.1,
```

```
            28.8
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.1,
            34.5,
            34.4,
            29.1
        ]
    },
    {
        "channelCfi": [
            47,
            79
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            35.1,
            32.1
        ]
    },
    {
        "channelCfi": [
            63
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            35.2
        ]
```

```
                }
            ],
            "requestId": "04a924aebc89",
            "availabilityExpireTime": "2026-08-23T01:04:16Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-22T01:08:00Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebc89",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebc89",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                        {
                            "globalOperatingClass": 136
                        },
                        {
                            "globalOperatingClass": 137
                        }
                    ]
                }
            ]
        }
}

############################    2026-08-22T01:08:00Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 9.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": -0.3
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 6.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 4.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 0.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 6.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 1.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 3.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 5.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 2.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 5.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 1.6
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6225,
                "lowFrequency": 6205
            },
            "maxPsd": 1.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 4.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 1.9
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
            45,
            49,
            53,
            57,
            61
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            22.8,
            12.7,
            19.4,
            23.2,
            17.6,
            13.4,
            19.5,
            14.8,
            16.1,
            18.5,
            15.5,
            18.1,
            14.6,
            14.8,
            17.9,
            14.9
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59
        ],
```

```
        "globalOperatingClass": 132,
        "maxEirp": [
            15.7,
            22.4,
            16.4,
            17.8,
            19.1,
            18.5,
            17.6,
            17.9
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            18.7,
            19.4,
            21.5,
            20.6
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            21.7,
            23.6
        ]
```

```
                    },
                    {
                        "channelCfi": [
                            31
                        ],
                        "globalOperatingClass": 137,
                        "maxEirp": [
                            24.8
                        ]
                    }
                ],
                "requestId": "04a924aebc89",
                "availabilityExpireTime": "2026-08-23T01:08:00Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

AFC capability - Inquired Frequency & Channel

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1

############################## 2026-08-08T00:42:25Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
```

```
                "center": {
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
```

```
            ]
        }
}

############################    2026-08-08T00:42:25Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 10.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 10.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 12.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
```

```
            "lowFrequency": 6005
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 14.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
```

```
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 15.8
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 11.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
```

```
            23.7,
            23.9,
            25.6,
            31.9,
            32.8,
            21.9,
            26.4,
            27.1,
            34.6,
            22.5,
            25.2,
            21.6,
            34.9,
            28.8,
            24.2,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            51,
            59,
            67,
            75,
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            26.7,
            28.6,
            24.9,
            29.4,
            25.5,
            24.6,
```

```
                31.8,
                24.8
            ]
        },
        {
            "channelCfi": [
                7,
                55,
                71,
                87
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                29.7,
                27.9,
                27.6,
                27.8
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.6
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
    "availabilityExpireTime": "2026-08-09T00:42:25Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

############################     2026-08-08T00:43:26Z     ############################
{
        "headers": {
                "Host": "testserver.wfatestorg.org",
                "User-Agent": "Go-http-client/1.1",
                "Accept": "*/*",
                "Content-Type": "application/json",
                "Accept-Encoding": "gzip",
                "X-Forwarded-For": "54.215.237.20",
                "X-Forwarded-Host": "testserver.wfatestorg.org",
                "X-Forwarded-Server": "testserver.wfatestorg.org",
                "Content-Length": "713",
                "Connection": "Keep-Alive"
        },
        "body": {
                "version": "1.4",
                "availableSpectrumInquiryRequests": [
                        {
                                "requestId": "04a924aebf4a",
                                "deviceDescriptor": {
                                        "serialNumber": "04a924aebf4a",
                                        "certificationId": [
                                                {
                                                        "id": "2AHBN-AP27",
                                                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                                                }
                                        ]
                                },
                                "location": {
                                        "elevation": {
                                                "height": 88.86610141042935,
                                                "heightType": "AGL",
```

```
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
```

```
                    }
                ]
            }
        ]
    }
}

############################    2026-08-08T00:43:26Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 10.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 10.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 12.6
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 18.9
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.8
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 8.9
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.1
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 8.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
```

```
            },
            "maxPsd": 15.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 11.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93
```

```
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            23.7,
            23.9,
            25.6,
            31.9,
            32.8,
            21.9,
            26.4,
            27.1,
            34.6,
            22.5,
            25.2,
            21.6,
            34.9,
            28.8,
            24.2,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            51,
            59,
            67,
            75,
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            26.7,
            28.6,
            24.9,
```

```
                29.4,
                25.5,
                24.6,
                31.8,
                24.8
            ]
        },
        {
            "channelCfi": [
                7,
                55,
                71,
                87
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                29.7,
                27.9,
                27.6,
                27.8
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.6
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
```

```
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T00:43:26Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-08T00:49:41Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
```

```
        "elevation": {
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
```

```
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-08T00:49:41Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6045,
                        "lowFrequency": 6025
                    },
                    "maxPsd": 10.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6065,
                        "lowFrequency": 6045
                    },
                    "maxPsd": 14.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6085,
                        "lowFrequency": 6065
```

```
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 10.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 12.2
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 17.4
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 21.3
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 19.7
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 17.2
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 10.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 20.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 14.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
```

```
                "lowFrequency": 6785
            },
            "maxPsd": 8.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 19.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173
            ],
            "globalOperatingClass": 131,
```

```
        "maxEirp": [
            23.5,
            27.6,
            33.3,
            23.3,
            23.3,
            33.8,
            27.9,
            25.2,
            22.5,
            30.4,
            34.3,
            32.7,
            30.2,
            27.0,
            23.4,
            33.7,
            27.1,
            21.9,
            21.8,
            32.4
        ]
    },
    {
        "channelCfi": [
            19,
            27,
            35,
            43,
            131,
            139,
            147,
            155,
            163,
            171
        ],
        "globalOperatingClass": 132,
```

```
        "maxEirp": [
            26.5,
            26.3,
            26.3,
            28.2,
            25.5,
            35.7,
            30.0,
            26.4,
            24.9,
            24.8
        ]
    },
    {
        "channelCfi": [
            23,
            39,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            29.3,
            29.3,
            28.5,
            29.4,
            27.8
        ]
    },
    {
        "channelCfi": [
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.5
```

```
                        ]
                    },
                    {
                        "channelCfi": [],
                        "globalOperatingClass": 137,
                        "maxEirp": []
                    }
                ],
                "requestId": "04a924aebf4a",
                "availabilityExpireTime": "2026-08-09T00:49:41Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1


```
############################    2026-08-08T05:00:12Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-08T05:00:12Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 15.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
```

```
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 17.7
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.6
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 13.8
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 15.6
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 11.5
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
                61,
                81,
                85,
                89,
                93
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                34.4,
```

```
                26.6,
                28.2,
                27.0,
                23.2,
                22.2,
                29.7,
                21.5,
                30.7,
                29.6,
                29.9,
                26.8,
                28.6,
                24.5,
                25.6,
                21.8
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                51,
                59,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                29.6,
                30.0,
                25.2,
                24.5,
                32.6,
                29.8,
                27.5,
```

```
                24.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                55,
                87
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                32.6,
                27.5,
                32.8,
                27.8
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.5
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
    "availabilityExpireTime": "2026-08-09T05:00:12Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

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

############################    2026-08-08T05:01:16Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
```

```
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
        }
```

```
                ]
            }
        ]
    }
}

############################    2026-08-08T05:01:16Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 15.2
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 15.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
```

```
            "maxPsd": 11.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
                61,
                81,
                85,
                89,
                93
            ],
```

```
        "globalOperatingClass": 131,
        "maxEirp": [
            34.4,
            26.6,
            28.2,
            27.0,
            23.2,
            22.2,
            29.7,
            21.5,
            30.7,
            29.6,
            29.9,
            26.8,
            28.6,
            24.5,
            25.6,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.6,
            30.0,
            25.2,
            24.5,
```

```
                32.6,
                29.8,
                27.5,
                24.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                55,
                87
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                32.6,
                27.5,
                32.8,
                27.8
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.5
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
```

```
            "availabilityExpireTime": "2026-08-09T05:01:16Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-08T05:01:40Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
```

```
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
```

```
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-08T05:01:40Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
```

```
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.6
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 13.8
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 15.6
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 11.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
                61,
                81,
                85,
```

```
            89,
            93
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.4,
            26.6,
            28.2,
            27.0,
            23.2,
            22.2,
            29.7,
            21.5,
            30.7,
            29.6,
            29.9,
            26.8,
            28.6,
            24.5,
            25.6,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.6,
```

```
            30.0,
            25.2,
            24.5,
            32.6,
            29.8,
            27.5,
            24.8
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            55,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.6,
            27.5,
            32.8,
            27.8
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
```

```
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T05:01:40Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-08T05:02:32Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                        {
                            "globalOperatingClass": 136
                        },
                        {
                            "globalOperatingClass": 137
                        }
                    ]
                }
            ]
        }
}

############################    2026-08-08T05:02:32Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.6
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 15.6
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 11.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
```

```
            61,
            81,
            85,
            89,
            93
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.4,
            26.6,
            28.2,
            27.0,
            23.2,
            22.2,
            29.7,
            21.5,
            30.7,
            29.6,
            29.9,
            26.8,
            28.6,
            24.5,
            25.6,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
            83,
            91
        ],
```

```
        "globalOperatingClass": 132,
        "maxEirp": [
            29.6,
            30.0,
            25.2,
            24.5,
            32.6,
            29.8,
            27.5,
            24.8
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            55,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.6,
            27.5,
            32.8,
            27.8
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5
        ]
    },
    {
```

```
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T05:02:32Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2026-08-08T05:07:32Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
```

```
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ]
    },
    "location": {
        "elevation": {
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
```

```
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-08T05:07:32Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 13.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 15.2
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 14.0
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 16.7
},
{
```

```
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
```

```
                "lowFrequency": 6345
            },
            "maxPsd": 15.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 11.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
```

```
            49,
            53,
            57,
            61,
            81,
            85,
            89,
            93
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.4,
            26.6,
            28.2,
            27.0,
            23.2,
            22.2,
            29.7,
            21.5,
            30.7,
            29.6,
            29.9,
            26.8,
            28.6,
            24.5,
            25.6,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
```

```
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.6,
            30.0,
            25.2,
            24.5,
            32.6,
            29.8,
            27.5,
            24.8
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            55,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            32.6,
            27.5,
            32.8,
            27.8
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5
```

```
                    ]
                },
                {
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T05:07:32Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-08T05:08:51Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
```

```
        "certificationId": [
            {
                "id": "2AHBN-AP27",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ]
    },
    "location": {
        "elevation": {
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
```

```
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-08T05:08:51Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
```

```
            "lowFrequency": 5965
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
```

```
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 16.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.8
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6365,
                "lowFrequency": 6345
            },
            "maxPsd": 15.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 11.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 8.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
```

```
            21,
            25,
            29,
            49,
            53,
            57,
            61,
            81,
            85,
            89,
            93
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.4,
            26.6,
            28.2,
            27.0,
            23.2,
            22.2,
            29.7,
            21.5,
            30.7,
            29.6,
            29.9,
            26.8,
            28.6,
            24.5,
            25.6,
            21.8
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
```

```
                27,
                51,
                59,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                29.6,
                30.0,
                25.2,
                24.5,
                32.6,
                29.8,
                27.5,
                24.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                55,
                87
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                32.6,
                27.5,
                32.8,
                27.8
            ]
        },
        {
            "channelCfi": [
                15
            ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.5
                    ]
                },
                {
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T05:08:51Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-08T05:12:25Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
```

```
"requestId": "04a924aebf4a",
"deviceDescriptor": {
    "serialNumber": "04a924aebf4a",
    "certificationId": [
        {
            "id": "2AHBN-AP27",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ]
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
```

```
                    {
                        "globalOperatingClass": 132
                    },
                    {
                        "globalOperatingClass": 133
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-08T05:12:25Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 20.0
                },
```

```
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 20.4
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 8.6
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 8.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 14.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
```

```
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 12.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 17.1
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 8.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 8.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 16.9
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                65,
                69,
                73,
                77,
                129,
                133,
                137,
```

```
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            33.0,
            34.7,
            31.2,
            33.4,
            21.6,
            26.5,
            34.2,
            21.2,
            21.9,
            27.1,
            30.4,
            35.0,
            25.9,
            23.0,
            29.3,
            32.8,
            30.1,
            21.4,
            21.1,
            29.9
        ]
    },
    {
        "channelCfi": [
            35,
```

```
            43,
            67,
            75,
            131,
            139,
            147,
            155,
            163,
            171
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            36.0,
            34.2,
            24.6,
            24.2,
            24.9,
            33.4,
            26.0,
            32.3,
            24.4,
            24.1
        ]
    },
    {
        "channelCfi": [
            39,
            71,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            36.0,
            27.2,
            27.9,
```

```
                        29.0,
                        27.1
                    ]
                },
                {
                    "channelCfi": [
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        30.9
                    ]
                },
                {
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T05:12:25Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1


```
############################    2026-08-10T02:40:27Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP64",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-10T02:40:27Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 14.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 14.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
```

```
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 16.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.6
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 11.9
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 20.3
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 9.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 11.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                65,
                69,
                73,
                77,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                34.7,
```

```
                27.8,
                27.1,
                32.5,
                22.9,
                25.8,
                30.4,
                34.8,
                29.1,
                33.6,
                32.0,
                30.0,
                24.9,
                33.3,
                22.3,
                24.6
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                67,
                75,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                30.8,
                30.1,
                25.9,
                33.4,
                32.1,
                33.0,
                27.9,
```

```
                25.3
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                71,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                33.1,
                28.9,
                35.1,
                28.3
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.9
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
    "availabilityExpireTime": "2026-08-11T02:40:27Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

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

############################    2026-08-10T02:41:35Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
```

```
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
        }
```

```
                ]
            }
        ]
    }
}

############################    2026-08-10T02:41:35Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 14.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 14.1
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
```

```
            "lowFrequency": 6265
        },
        "maxPsd": 16.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 20.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 19.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 17.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
```

```
            "maxPsd": 20.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 9.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 11.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                65,
                69,
                73,
                77,
                145,
                149,
                153,
                157
            ],
```

```
        "globalOperatingClass": 131,
        "maxEirp": [
            34.7,
            27.8,
            27.1,
            32.5,
            22.9,
            25.8,
            30.4,
            34.8,
            29.1,
            33.6,
            32.0,
            30.0,
            24.9,
            33.3,
            22.3,
            24.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            67,
            75,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.8,
            30.1,
            25.9,
            33.4,
```

```
                32.1,
                33.0,
                27.9,
                25.3
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                71,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                33.1,
                28.9,
                35.1,
                28.3
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                31.9
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
```

```
            "availabilityExpireTime": "2026-08-11T02:41:35Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-10T03:04:14Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
```

```
            "height": 88.86610141042935,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": -122.03318,
                "latitude": 37.295692
            },
            "majorAxis": 17,
            "minorAxis": 14,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
```

```
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-10T03:04:14Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 14.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
```

```
        "maxPsd": 14.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 21.8
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 16.1
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.6
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 11.9
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 20.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 9.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 11.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                65,
                69,
                73,
                77,
                145,
                149,
```

```
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.7,
            27.8,
            27.1,
            32.5,
            22.9,
            25.8,
            30.4,
            34.8,
            29.1,
            33.6,
            32.0,
            30.0,
            24.9,
            33.3,
            22.3,
            24.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            67,
            75,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.8,
```

```
            30.1,
            25.9,
            33.4,
            32.1,
            33.0,
            27.9,
            25.3
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            71,
            151
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            33.1,
            28.9,
            35.1,
            28.3
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.9
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
```

```
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-11T03:04:14Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-10T03:08:08Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-10T03:08:08Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 12.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 8.4
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
```

```
        },
        "maxPsd": 21.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 19.6
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 8.1
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 17.6
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 14.7
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 19.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 9.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                81,
                85,
                89,
                93,
                129,
                133,
                137,
                141,
                161,
                165,
                169,
                173
```

```
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            25.9,
            21.4,
            32.8,
            27.0,
            22.2,
            26.7,
            33.8,
            34.3,
            34.0,
            26.3,
            34.5,
            30.3,
            32.6,
            23.4,
            21.1,
            24.3,
            30.6,
            27.7,
            32.1,
            22.8
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
            83,
            91,
            131,
            139,
            163,
            171
```

```
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            24.4,
            30.0,
            25.2,
            36.0,
            29.3,
            33.3,
            26.4,
            24.1,
            30.7,
            25.8
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            87,
            135,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.4,
            28.2,
            32.3,
            27.1,
            28.8
        ]
    },
    {
        "channelCfi": [
            47
        ],
        "globalOperatingClass": 134,
```

```
                    "maxEirp": [
                        30.4
                    ]
                },
                {
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-11T03:08:08Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1


```
############################    2026-08-10T03:40:11Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-10T03:40:11Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 16.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 8.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 18.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
```

```
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 10.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 8.3
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 20.4
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 12.8
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.2
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 19.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 19.3
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                29.6,
```

```
                21.9,
                31.9,
                33.8,
                25.2,
                25.1,
                22.4,
                23.6,
                21.3,
                21.7,
                33.4,
                25.8,
                23.1,
                26.2,
                32.4,
                32.3
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                24.9,
                34.9,
                28.1,
                25.4,
                24.3,
                28.8,
                26.1,
```

```
            35.3
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.9,
            28.4,
            27.3,
            29.1
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.9,
            30.3
        ]
    },
    {
        "channelCfi": [
            31
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            33.4
        ]
```

```
                    }
                ],
                "requestId": "04a924aebf4a",
                "availabilityExpireTime": "2026-08-11T03:40:11Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################     2026-08-10T03:44:48Z     ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                        {
                            "globalOperatingClass": 136
                        },
                        {
                            "globalOperatingClass": 137
                        }
                    ]
                }
            ]
        }
}

############################    2026-08-10T03:44:48Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6285,
                        "lowFrequency": 6265
                    },
                    "maxPsd": 10.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6305,
                        "lowFrequency": 6285
                    },
                    "maxPsd": 19.0
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 15.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 16.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 12.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 8.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
```

```
        },
        "maxPsd": 18.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 14.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 18.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 10.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.2
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 21.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 19.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 18.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                129,
                133,
                137,
```

```
            141,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            23.0,
            32.0,
            22.8,
            28.6,
            29.4,
            25.5,
            21.9,
            31.7,
            27.8,
            31.5,
            23.7,
            32.7,
            24.2,
            34.0,
            32.1,
            31.8
        ]
    },
    {
        "channelCfi": [
            67,
            75,
            83,
            91,
            131,
            139,
            147,
            155
        ],
```

```
        "globalOperatingClass": 132,
        "maxEirp": [
            26.0,
            25.8,
            28.5,
            24.9,
            30.8,
            26.7,
            27.2,
            34.8
        ]
    },
    {
        "channelCfi": [
            71,
            87,
            135,
            151
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.8,
            27.9,
            29.7,
            30.2
        ]
    },
    {
        "channelCfi": [
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.9,
            32.7
        ]
```

```
                    },
                    {
                        "channelCfi": [],
                        "globalOperatingClass": 137,
                        "maxEirp": []
                    }
                ],
                "requestId": "04a924aebf4a",
                "availabilityExpireTime": "2026-08-11T03:44:48Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1


```
############################    2026-08-08T06:57:01Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-08T06:57:01Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T06:57:01Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-08T06:57:04Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
```

```
"availableSpectrumInquiryRequests": [
    {
        "requestId": "04a924aebf4a",
        "deviceDescriptor": {
            "serialNumber": "04a924aebf4a",
            "certificationId": [
                {
                    "id": "2AHBN-AP27",
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                }
            ]
        },
        "location": {
            "elevation": {
                "height": 88.86610141042935,
                "heightType": "AGL",
                "verticalUncertainty": 1
            },
            "ellipse": {
                "center": {
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
```

```
                    "globalOperatingClass": 131
                },
                {
                    "globalOperatingClass": 132
                },
                {
                    "globalOperatingClass": 133
                },
                {
                    "globalOperatingClass": 134
                },
                {
                    "globalOperatingClass": 136
                },
                {
                    "globalOperatingClass": 137
                }
            ]
        }
    ]
  }
}

############################    2026-08-08T06:57:04Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-09T06:57:04Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
```

],
"version": "1.4"
}

CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1

############################ 2026-08-10T08:39:35Z ############################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "729",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 12.399999936421713,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": 121.01974487304688,
                    "latitude": 24.844807942708332
                },
                "majorAxis": 0,
                "minorAxis": 0,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-10T08:39:35Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 20.2
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
```

```
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 19.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 14.2
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 15.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 19.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
                61,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                34.9,
```

```
                29.3,
                33.2,
                24.9,
                29.5,
                33.9,
                32.5,
                29.8,
                32.4,
                24.0,
                32.0,
                21.4,
                22.1,
                27.2,
                28.0,
                32.4
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                51,
                59,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                32.3,
                27.9,
                32.5,
                32.8,
                27.0,
                24.4,
                25.1,
```

```
                31.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                55,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                30.9,
                35.5,
                27.4,
                28.1
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                33.9
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
    "availabilityExpireTime": "2026-08-11T08:39:35Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

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

############################    2026-08-10T08:39:44Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "729",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 12.399999936421713,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
```

```
        },
        "ellipse": {
            "center": {
                "longitude": 121.01974487304688,
                "latitude": 24.844807942708332
            },
            "majorAxis": 0,
            "minorAxis": 0,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
        {
            "globalOperatingClass": 137
        }
```

```
                ]
            }
        ]
    }
}

############################    2026-08-10T08:39:44Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 20.2
                },
                {
```

```
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
```

```
            "lowFrequency": 6185
        },
        "maxPsd": 19.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 19.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 9.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
```

```
            "maxPsd": 14.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 15.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 19.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
                61,
                145,
                149,
                153,
                157
            ],
```

```
        "globalOperatingClass": 131,
        "maxEirp": [
            34.9,
            29.3,
            33.2,
            24.9,
            29.5,
            33.9,
            32.5,
            29.8,
            32.4,
            24.0,
            32.0,
            21.4,
            22.1,
            27.2,
            28.0,
            32.4
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            32.3,
            27.9,
            32.5,
            32.8,
```

```
                27.0,
                24.4,
                25.1,
                31.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                55,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                30.9,
                35.5,
                27.4,
                28.1
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                33.9
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "04a924aebf4a",
```

```
            "availabilityExpireTime": "2026-08-11T08:39:44Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-10T08:40:26Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "729",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
```

```
            "height": 12.399999936421713,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": 121.01974487304688,
                "latitude": 24.844807942708332
            },
            "majorAxis": 0,
            "minorAxis": 0,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
        },
        {
            "globalOperatingClass": 134
        },
        {
            "globalOperatingClass": 136
        },
```

```
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-10T08:40:26Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
```

```
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 16.8
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.4
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 14.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 15.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 19.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
                61,
                145,
                149,
```

```
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.9,
            29.3,
            33.2,
            24.9,
            29.5,
            33.9,
            32.5,
            29.8,
            32.4,
            24.0,
            32.0,
            21.4,
            22.1,
            27.2,
            28.0,
            32.4
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            32.3,
```

```
                27.9,
                32.5,
                32.8,
                27.0,
                24.4,
                25.1,
                31.0
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                55,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                30.9,
                35.5,
                27.4,
                28.1
            ]
        },
        {
            "channelCfi": [
                15
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                33.9
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
```

```
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-11T08:40:26Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-10T08:41:27Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "729",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 12.399999936421713,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": 121.01974487304688,
            "latitude": 24.844807942708332
        },
        "majorAxis": 0,
        "minorAxis": 0,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-10T08:41:27Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 21.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.3
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 20.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 20.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": 16.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 19.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 19.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 9.1
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 14.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 15.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 19.4
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                49,
                53,
                57,
```

```
            61,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.9,
            29.3,
            33.2,
            24.9,
            29.5,
            33.9,
            32.5,
            29.8,
            32.4,
            24.0,
            32.0,
            21.4,
            22.1,
            27.2,
            28.0,
            32.4
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
            51,
            59,
            147,
            155
        ],
```

```
        "globalOperatingClass": 132,
        "maxEirp": [
            32.3,
            27.9,
            32.5,
            32.8,
            27.0,
            24.4,
            25.1,
            31.0
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            55,
            151
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            30.9,
            35.5,
            27.4,
            28.1
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            33.9
        ]
    },
    {
```

```
                    "channelCfi": [],
                    "globalOperatingClass": 137,
                    "maxEirp": []
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-11T08:41:27Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1


```
############################    2026-08-10T09:16:58Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "709",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 9.053600004196166,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": 121.01974,
                    "latitude": 24.84481
                },
                "majorAxis": 0,
                "minorAxis": 0,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-10T09:16:58Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5945,
                        "lowFrequency": 5925
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
```

```
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 23
```

```
},
{
    "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": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6545,
            "lowFrequency": 6525
        },
```

```
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "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,
            "lowFrequency": 6845
```

```
            },
            "maxPsd": 23
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                117,
                121,
                125,
                129,
                133,
                137,
```

141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181
],
"globalOperatingClass": 131,
"maxEirp": [
36.0,
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,
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": [
            3,
            11,
            19,
            27,
            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,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
```

```
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            2
        ],
```

```
                        "globalOperatingClass": 136,
                        "maxEirp": [
                            36.0
                        ]
                    }
                ],
                "requestId": "04a924aebf4a",
                "availabilityExpireTime": "2026-08-11T09:16:58Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################    2026-08-10T09:17:58Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "709",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
```

```
                "id": "2AHBN-AP27",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ]
    },
    "location": {
        "elevation": {
            "height": 9.053600004196166,
            "heightType": "AGL",
            "verticalUncertainty": 1
        },
        "ellipse": {
            "center": {
                "longitude": 121.01974,
                "latitude": 24.84481
            },
            "majorAxis": 0,
            "minorAxis": 0,
            "orientation": 45
        },
        "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 7115
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131
        },
        {
            "globalOperatingClass": 132
        },
        {
            "globalOperatingClass": 133
```

```
                    },
                    {
                        "globalOperatingClass": 134
                    },
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-10T09:17:58Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5945,
                        "lowFrequency": 5925
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
```

```
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 23
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 23
},
{
    "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": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 23
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "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,
                "lowFrequency": 6845
            },
            "maxPsd": 23
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
```

69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181
],
"globalOperatingClass": 131,
"maxEirp": [
36.0,
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,
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36.0,
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36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
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36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,
36.0
]
},
{
"channelCfi": [
3,
11,

19,
27,
35,
43,
51,
59,
67,
75,
83,
91,
123,
131,
139,
147,
155,
163,
171,
179
],
"globalOperatingClass": 132,
"maxEirp": [
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,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
```

```
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    36.0,
                    36.0,
                    36.0,
                    36.0
                ]
            },
            {
                "channelCfi": [
                    2
                ],
                "globalOperatingClass": 136,
                "maxEirp": [
                    36.0
                ]
            }
        ],
        "requestId": "04a924aebf4a",
        "availabilityExpireTime": "2026-08-11T09:17:58Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1


```
############################    2026-08-10T05:51:08Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
                },
                "location": {
                    "elevation": {
                        "height": 88.86610141042935,
                        "heightType": "AGL",
                        "verticalUncertainty": 1
                    },
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -122.03318,
                    "latitude": 37.295692
                },
                "majorAxis": 17,
                "minorAxis": 14,
                "orientation": 45
            },
            "indoorDeployment": 1
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 7115
            }
        ],
        "inquiredChannels": [
            {
                "globalOperatingClass": 131
            },
            {
                "globalOperatingClass": 132
            },
            {
                "globalOperatingClass": 133
            },
            {
                "globalOperatingClass": 134
            },
            {
                "globalOperatingClass": 136
            },
            {
                "globalOperatingClass": 137
            }
        ]
    }
]
```

```
    }
}

############################    2026-08-10T05:51:08Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 19.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 18.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 10.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 16.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 9.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 19.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 10.4
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 19.7
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 22.6
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.1
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 20.6
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 15.2
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 15.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 17.2
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                32.7,
```

```
                31.0,
                23.1,
                22.8,
                29.6,
                22.0,
                25.1,
                32.3,
                23.4,
                32.7,
                35.6,
                31.1,
                33.6,
                28.2,
                28.3,
                30.2
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                34.0,
                25.8,
                25.0,
                28.1,
                26.4,
                34.1,
                31.2,
```

```
            31.3
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.8,
            28.0,
            29.4,
            34.2
        ]
    },
    {
        "channelCfi": [
            47,
            79
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.0,
            32.4
        ]
    },
    {
        "channelCfi": [
            63
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            34.1
        ]
```

```
                }
            ],
            "requestId": "04a924aebf4a",
            "availabilityExpireTime": "2026-08-11T05:51:08Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################    2026-08-10T06:01:30Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "54.215.237.20",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "713",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "04a924aebf4a",
                "deviceDescriptor": {
                    "serialNumber": "04a924aebf4a",
                    "certificationId": [
                        {
                            "id": "2AHBN-AP27",
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
                        }
                    ]
```

```
},
"location": {
    "elevation": {
        "height": 88.86610141042935,
        "heightType": "AGL",
        "verticalUncertainty": 1
    },
    "ellipse": {
        "center": {
            "longitude": -122.03318,
            "latitude": 37.295692
        },
        "majorAxis": 17,
        "minorAxis": 14,
        "orientation": 45
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 7115
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131
    },
    {
        "globalOperatingClass": 132
    },
    {
        "globalOperatingClass": 133
    },
    {
        "globalOperatingClass": 134
    },
```

```
                    {
                        "globalOperatingClass": 136
                    },
                    {
                        "globalOperatingClass": 137
                    }
                ]
            }
        ]
    }
}

############################    2026-08-10T06:01:30Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 10.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 5.0
                },
                {
                    "frequencyRange": {
```

```
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 5.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 7.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 5.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 5.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
```

```
        },
        "maxPsd": -1.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": -1.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 4.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 8.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 8.0
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6225,
                "lowFrequency": 6205
            },
            "maxPsd": 3.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": -0.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 8.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
```

```
                45,
                49,
                53,
                57,
                61
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                23.5,
                18.0,
                18.5,
                20.3,
                18.3,
                22.5,
                18.0,
                11.5,
                11.8,
                17.4,
                21.0,
                23.9,
                21.0,
                16.0,
                12.6,
                21.1
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                59
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            19.0,
            15.6
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        "maxEirp": [
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            17.5,
            17.8,
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        "maxEirp": [
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                "availabilityExpireTime": "2026-08-11T06:01:30Z",
                "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 (LPI or SP)	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)	LPI PSD Limit (dBm/MHz)	Result
5975	LPI	20	4.33	11.63	15.96	-	N/A	-1.82	2.51	-	5.00	Pass
6615	SP	20	4.39	12.81	17.20	27.60	Pass	-0.77	3.62	14.60	-	Pass
6135	SP	20	4.33	12.79	17.12	23.90	Pass	-0.57	3.76	10.90	-	Pass
6365	LPI	40	4.33	12.47	16.80	-	N/A	-3.98	0.35	-	5.00	Pass
6685	SP	40	4.39	12.92	17.31	26.90	Pass	-3.62	0.77	10.90	-	Pass
5965	SP	40	4.33	12.56	16.89	27.20	Pass	-3.78	0.55	11.20	-	Pass
6625	LPI	80	4.39	12.14	16.53	-	N/A	-7.15	-2.76	-	5.00	Pass
6705	SP	80	4.39	12.44	16.83	28.90	Pass	-6.72	-2.33	9.90	-	Pass
5985	SP	80	4.33	12.33	16.66	34.80	Pass	-6.38	-2.05	15.80	-	Pass
6025	LPI	160	4.33	12.08	16.41	-	N/A	-9.84	-5.51	-	5.00	Pass
6025	SP	160	4.33	12.25	16.58	30.50	Pass	-9.29	-4.96	8.50	-	Pass
6345	SP	160	4.33	12.50	16.83	32.90	Pass	-9.55	-5.22	10.90	-	Pass
6265	LPI	320	4.33	11.95	16.28	-	N/A	-13.05	-8.72	-	5.00	Pass
6265	SP	320	4.33	12.14	16.47	33.10	Pass	-12.58	-8.25	8.00	-	Pass
6105	SP	320	4.33	12.08	16.41	23.50	Pass	-12.33	-8.00	-1.60	-	Pass

AFCD.USA: Unsuccessful spectrum access request												
Freq. (MHz)	Mode (LPI or SP)	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)	LPI PSD Limit (dBm/MHz)	Result
6055	LPI	20	4.33	12.34	16.67	-	N/A	4.33	-1.23	3.10	-	5.00
6695	LPI	20	4.39	13.23	17.62	-	N/A	4.39	-0.34	4.05	-	5.00

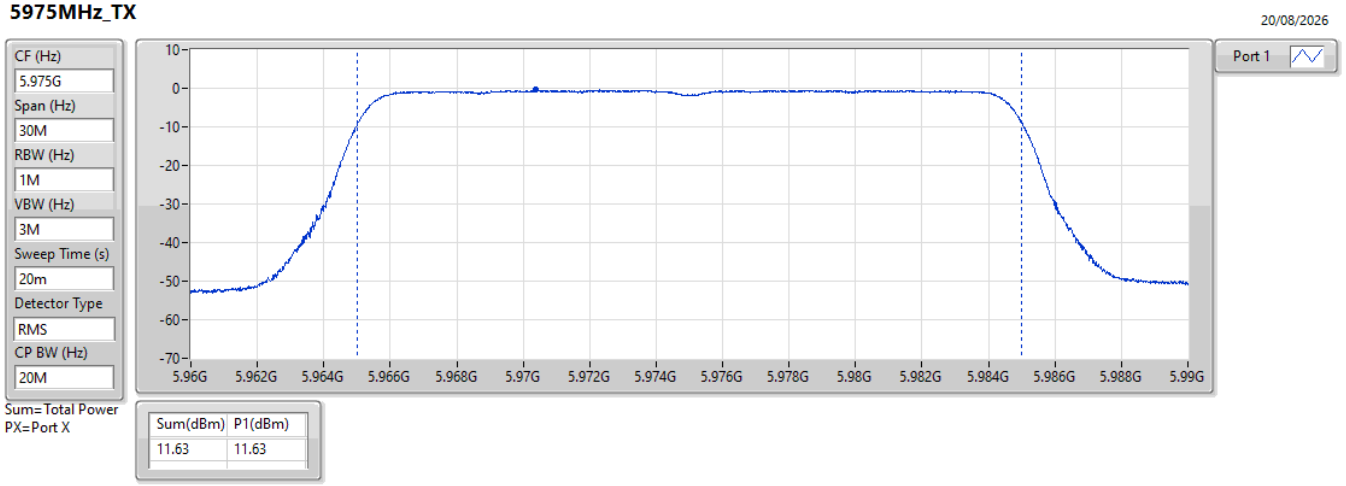
AFCD.SAU: Successful spectrum access update												
Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	LPI PSD Limit (dBm/MHz)	Result
6695	LPI	20	4.39	13.29	17.68	-	N/A	4.39	-0.29	4.10	-	5.00
6695	SP	20	4.39	13.39	17.78	29.10	Pass	4.39	-0.23	4.16	16.10	-
6375	LPI	20	4.33	13.47	17.80	-	N/A	4.33	0.03	4.36	-	5.00

AFCD.UAU: Unsuccessful spectrum access update												
Freq. (MHz)	Mode (LPI or SP)	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)	LPI PSD Limit (dBm/MHz)	Result
6775	LPI	20	4.39	12.93	17.32	-	N/A	4.39	-0.64	3.75	-	5.00
6295	SP	20	4.33	13.83	18.16	36.00	Pass	4.33	0.34	4.67	23.00	-
6295	LPI	20	4.33	13.74	18.07	-	N/A	4.33	0.29	4.62	-	5.00

AFC capability - Inquired Frequency & Channel
CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1
Frequency (MHz): 5975

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

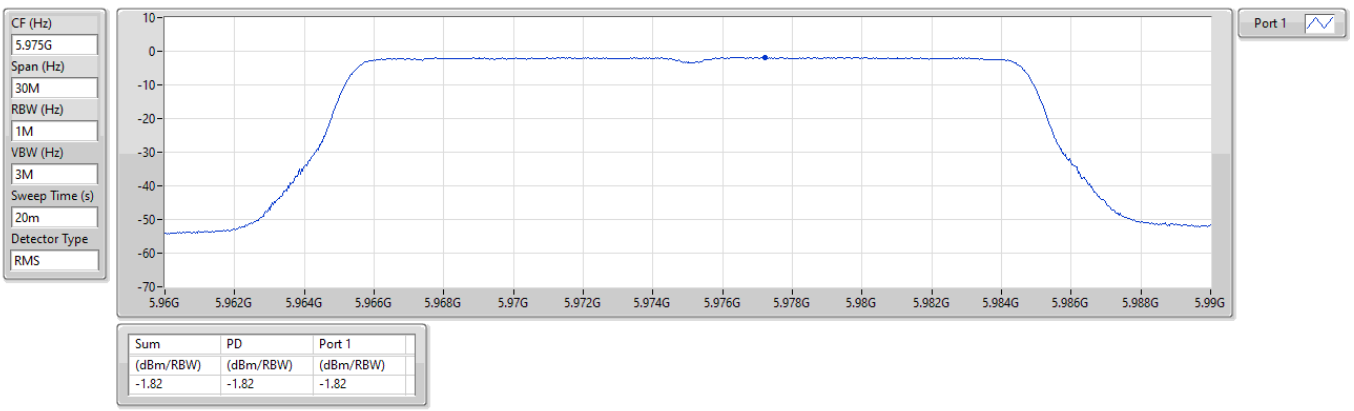
5975MHz_TX



Sum(dBm)	P1(dBm)
11.63	11.63

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

5975MHz

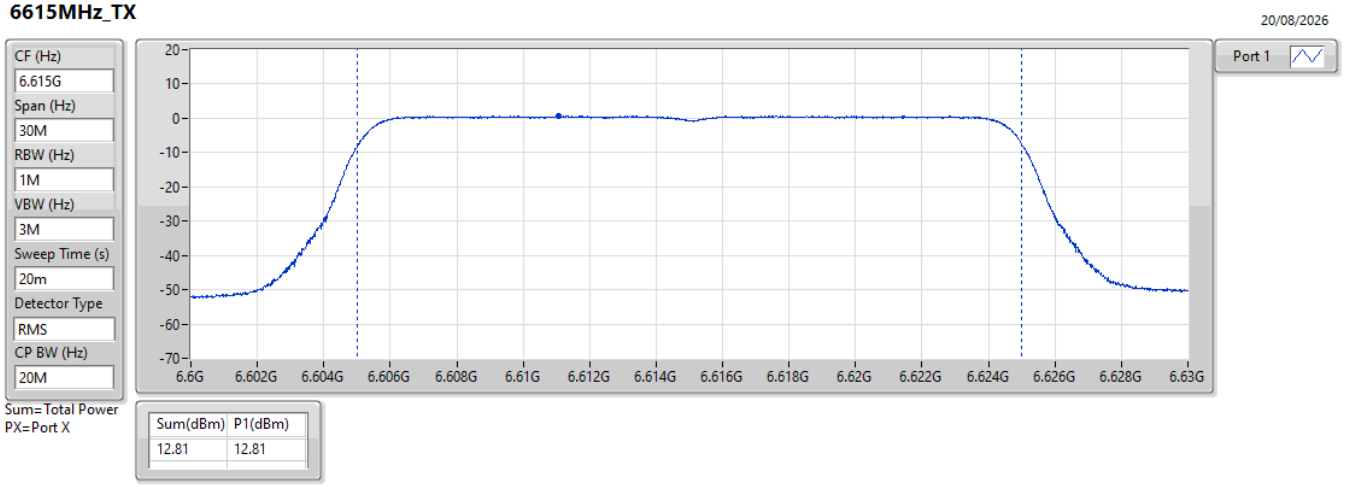


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.82	-1.82	-1.82

Frequency (MHz): 6615

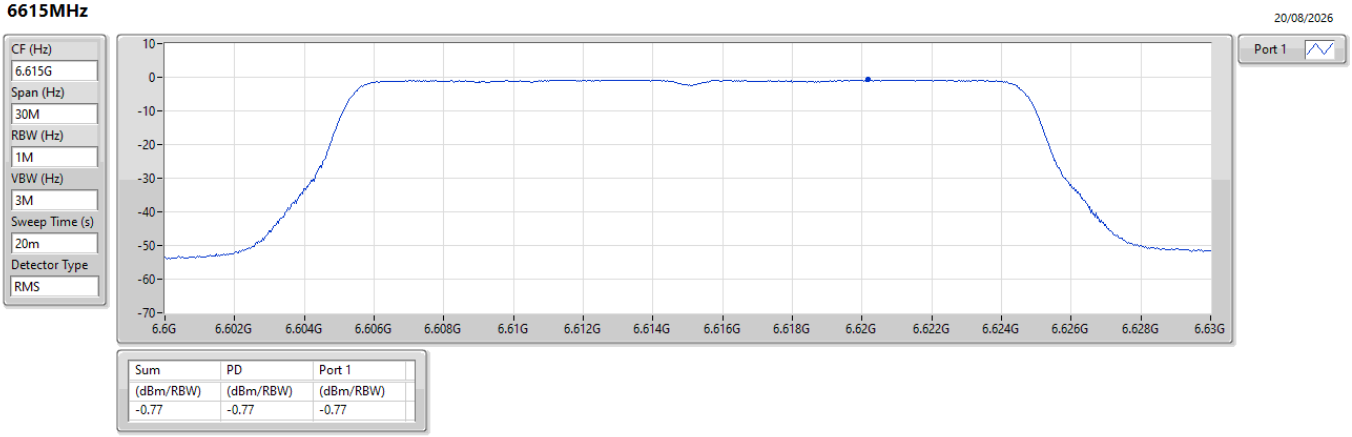
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6615MHz_TX



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

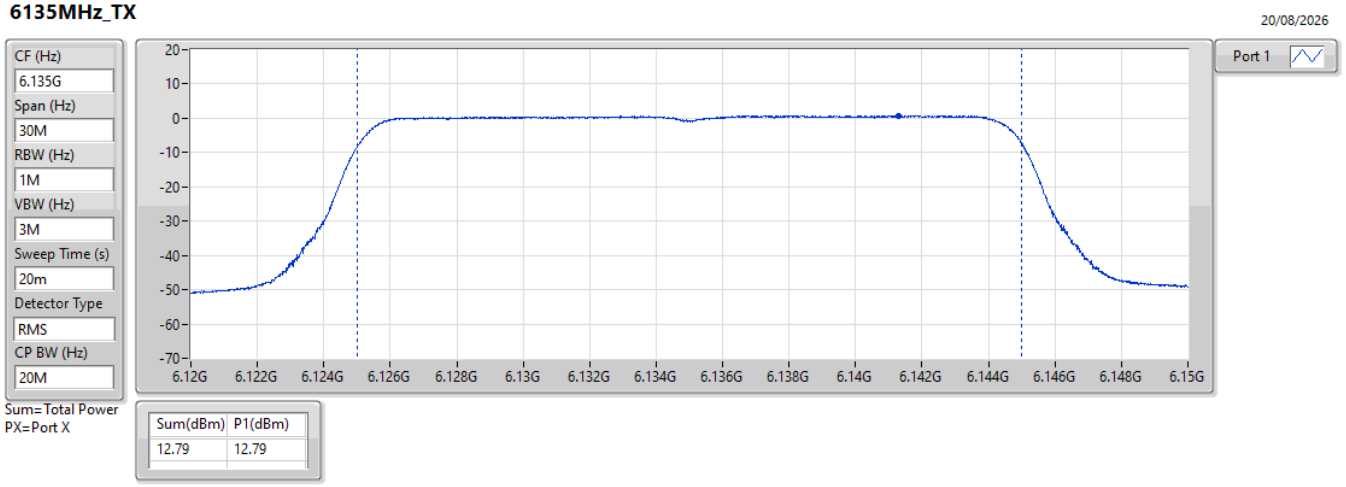
6615MHz



Frequency (MHz): 6135

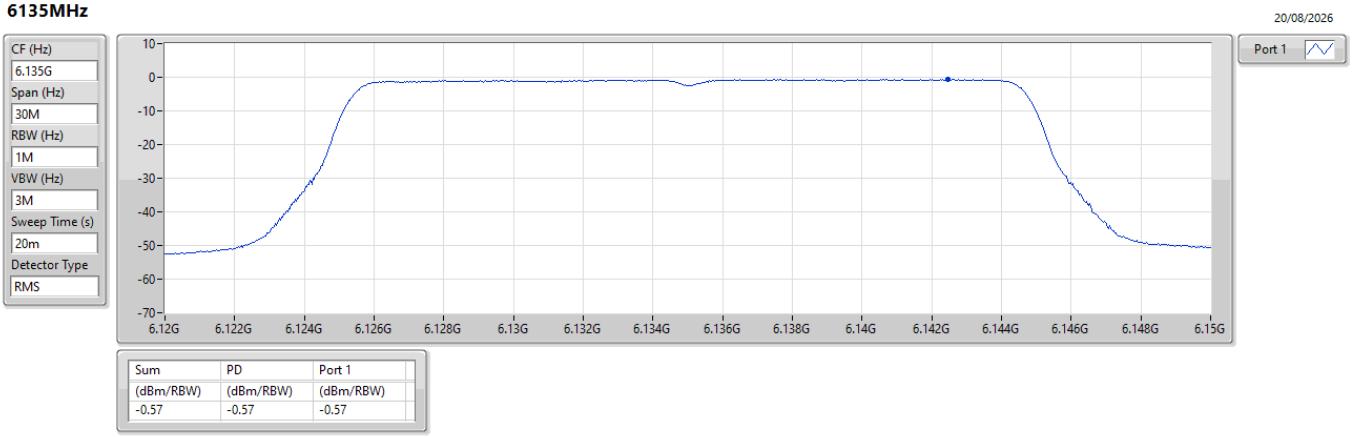
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6135MHz_TX



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

6135MHz

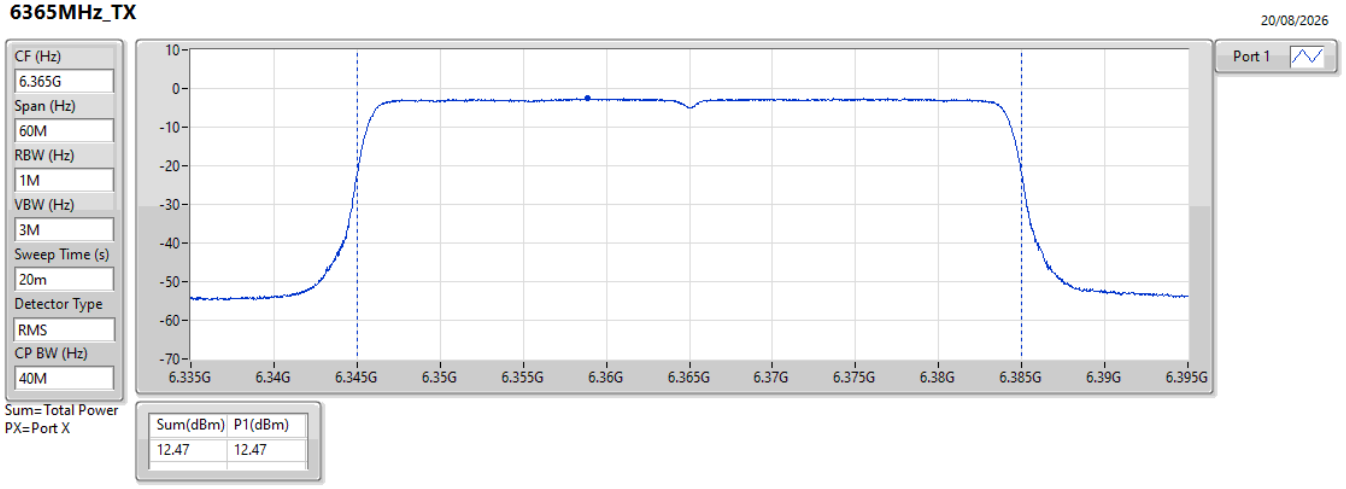


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1

Frequency (MHz): 6365

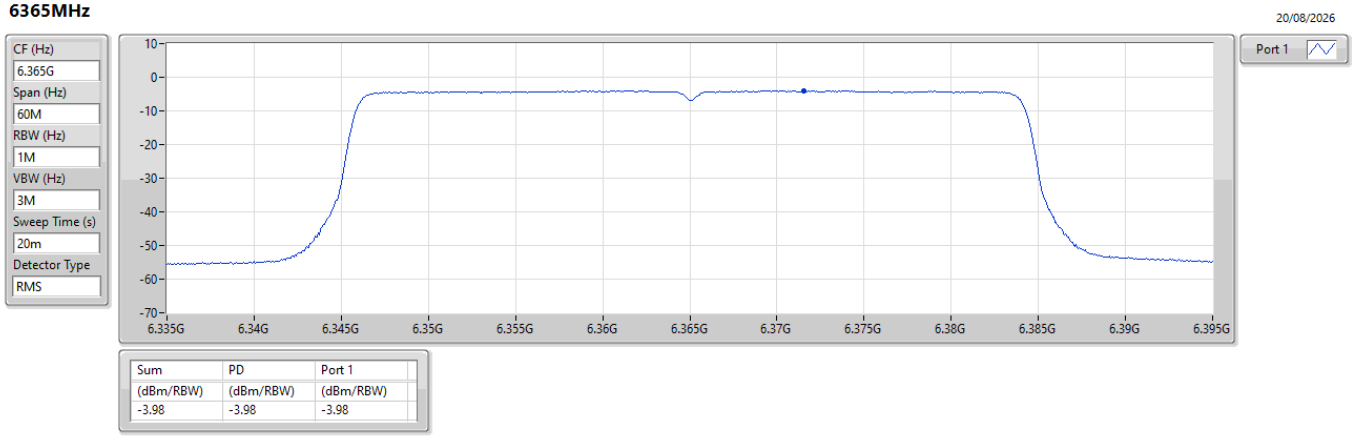
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX **AV Power**

6365MHz_TX



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

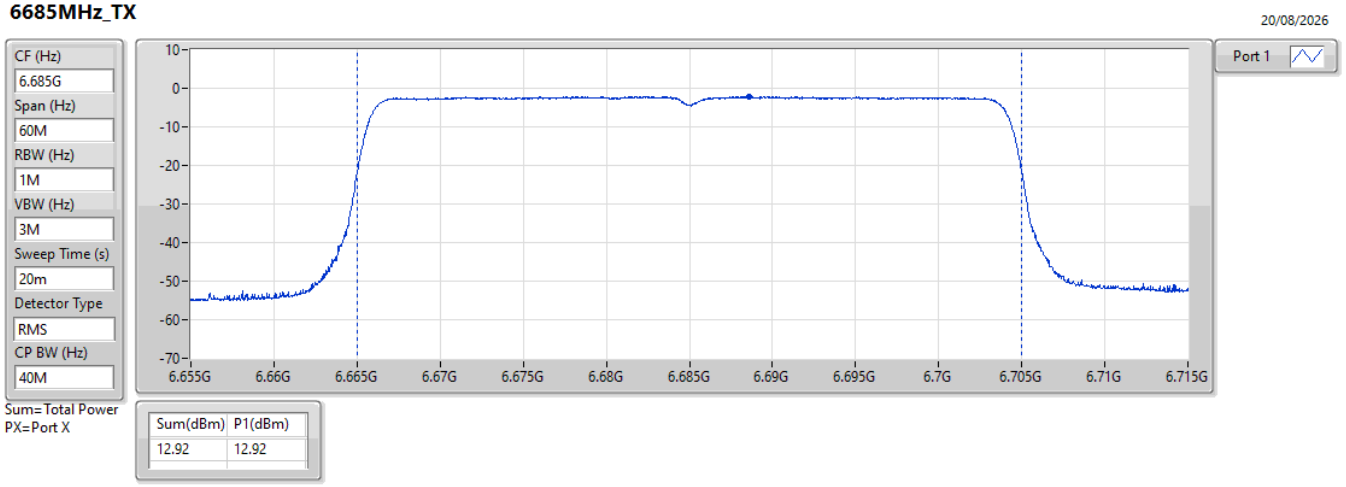
6365MHz



Frequency (MHz): 6685

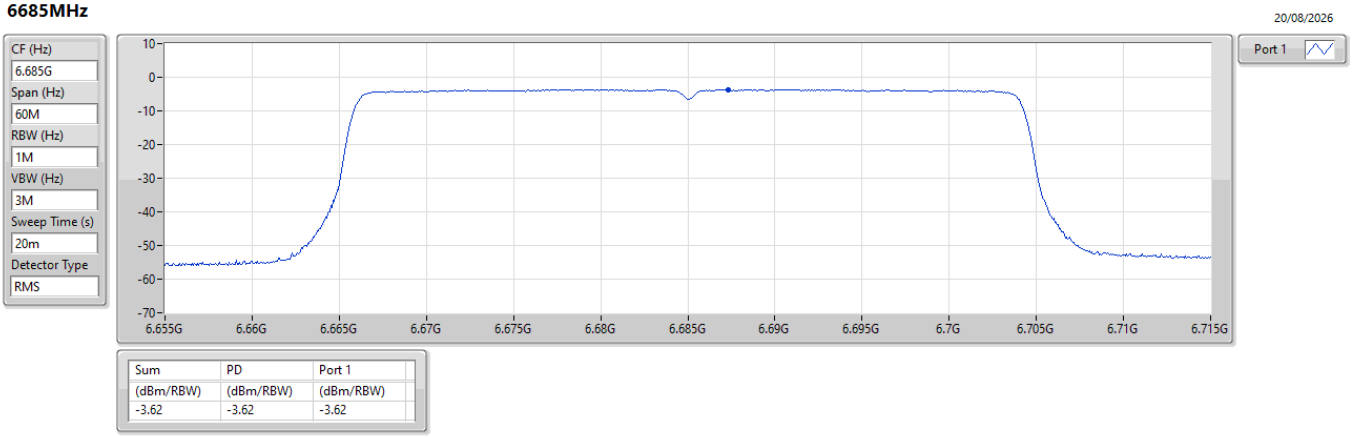
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX **AV Power**

6685MHz_TX



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

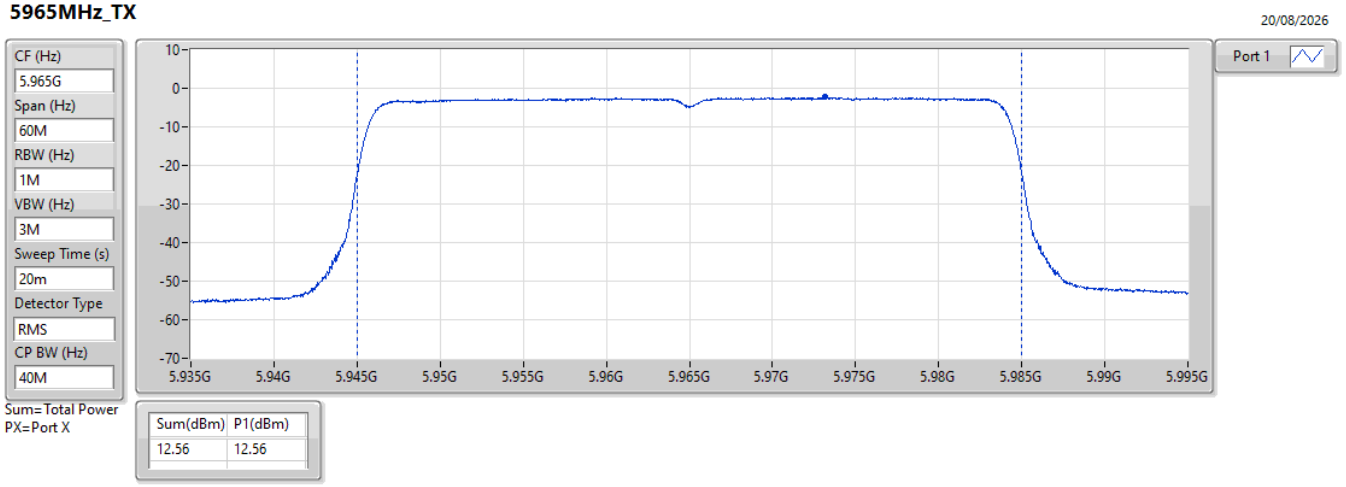
6685MHz



Frequency (MHz): 5965

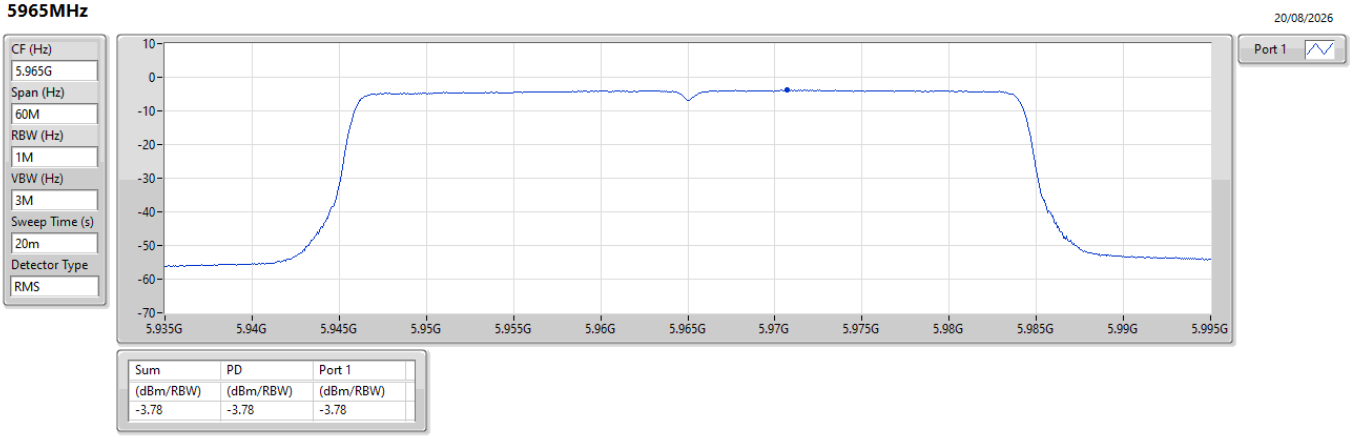
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX **AV Power**

5965MHz_TX



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

5965MHz

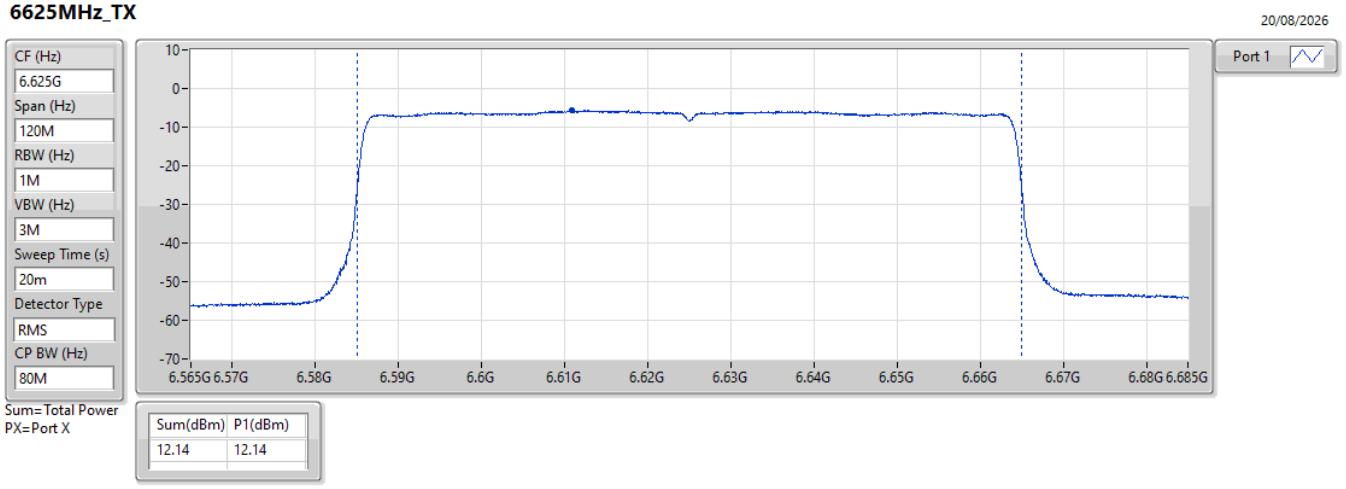


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

Frequency (MHz): 6625

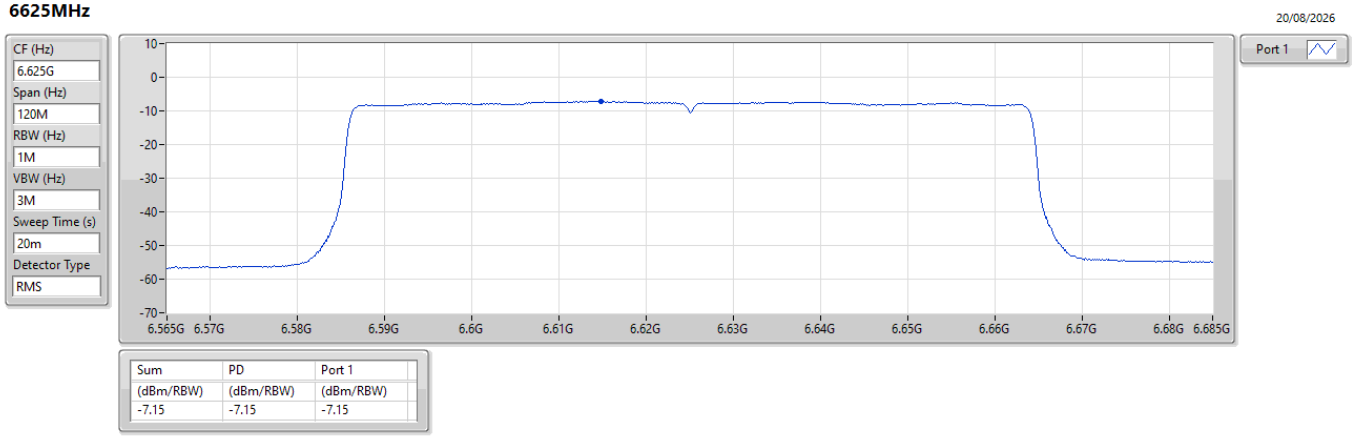
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX **AV Power**

6625MHz_TX



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

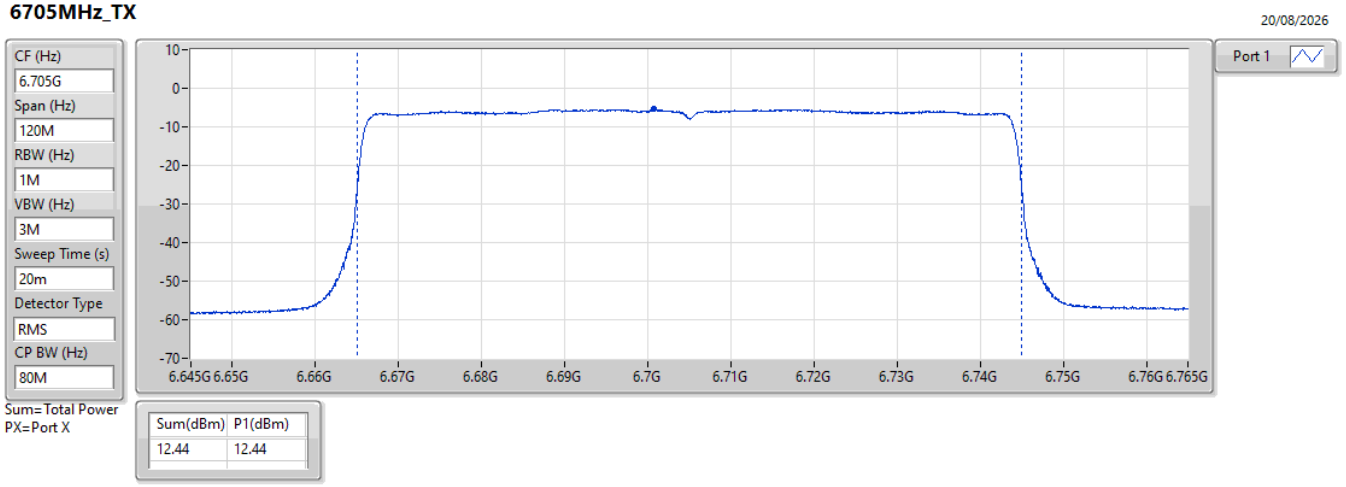
6625MHz



Frequency (MHz): 6705

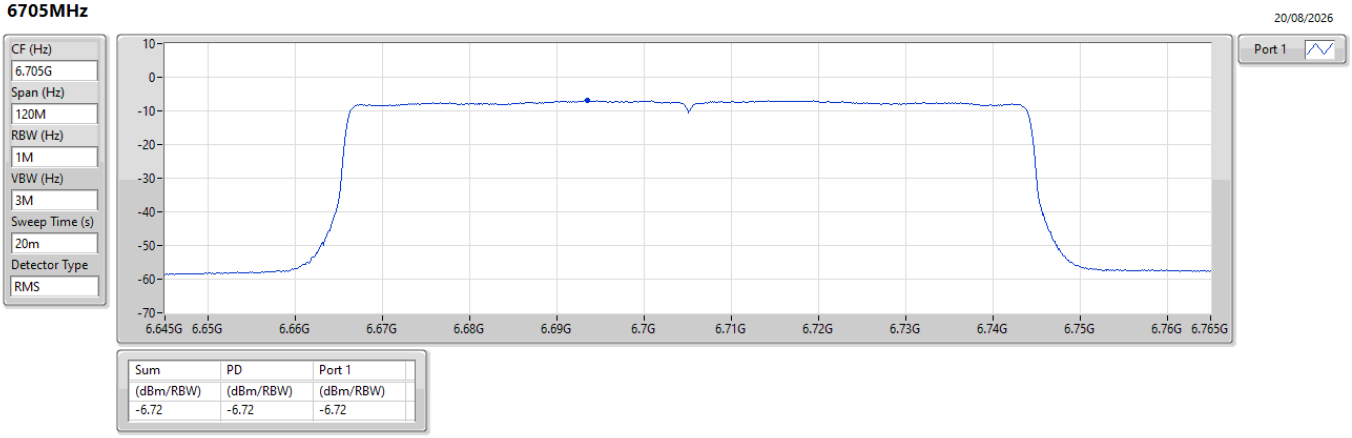
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX **AV Power**

6705MHz_TX



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

6705MHz



Frequency (MHz): 5985

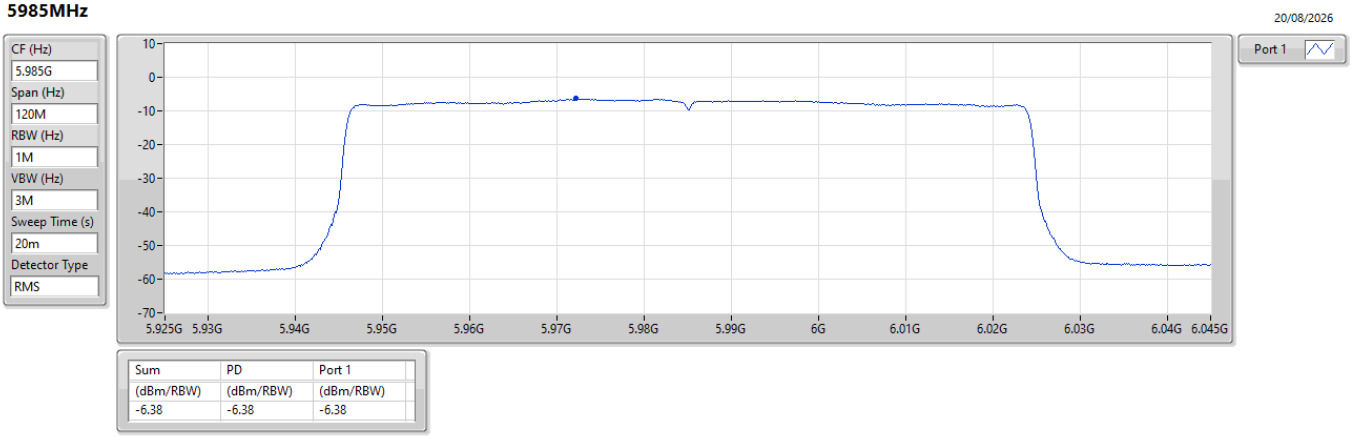
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX **AV Power**

5985MHz_TX



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

5985MHz

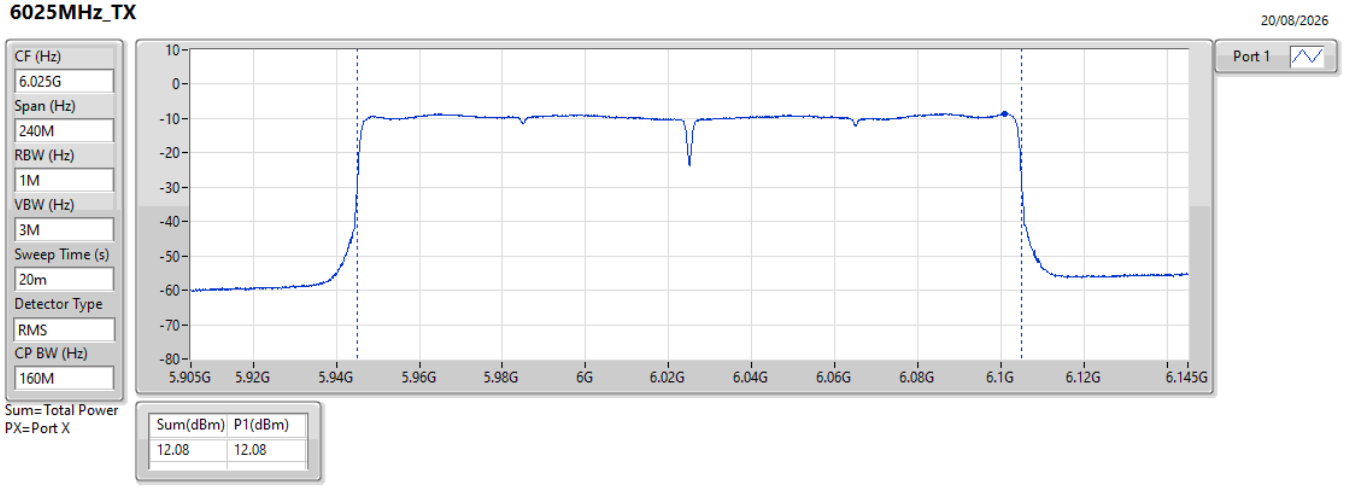


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1

Frequency (MHz): 6025

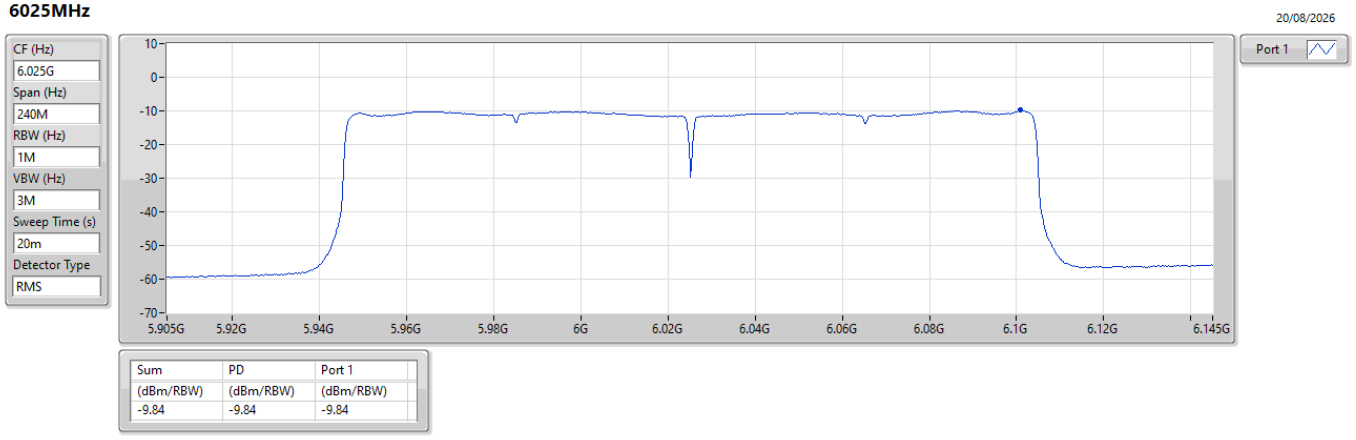
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **AV Power**

6025MHz_TX



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

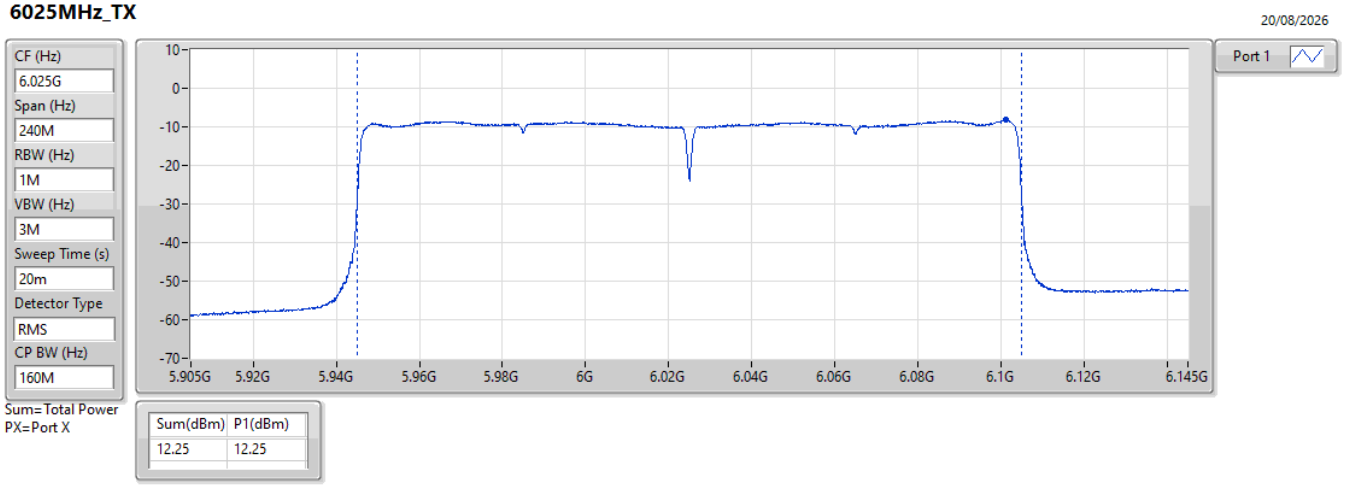
6025MHz



Frequency (MHz): 6025

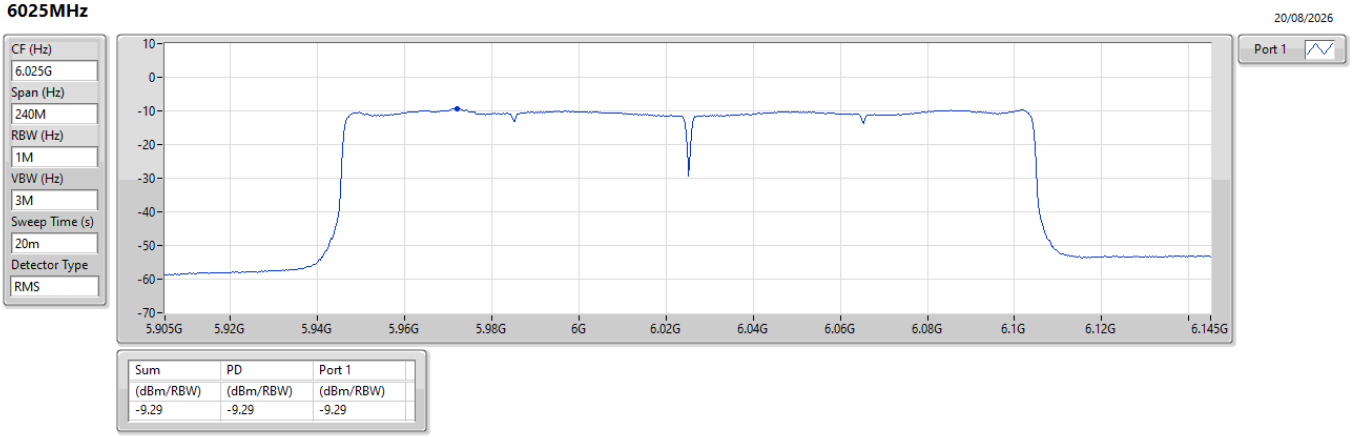
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **AV Power**

6025MHz_TX



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

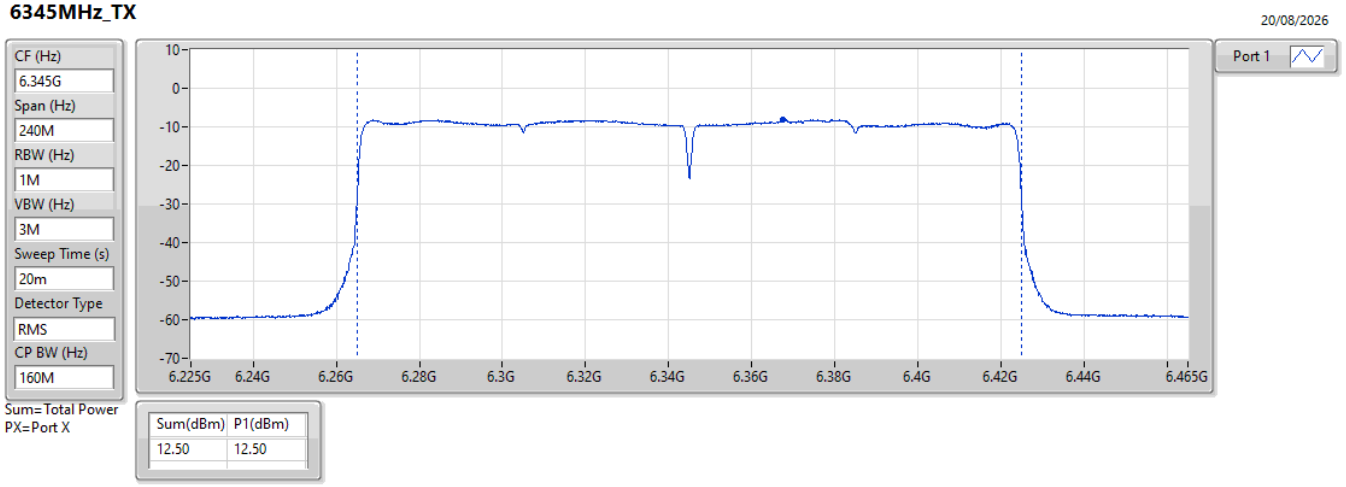
6025MHz



Frequency (MHz): 6345

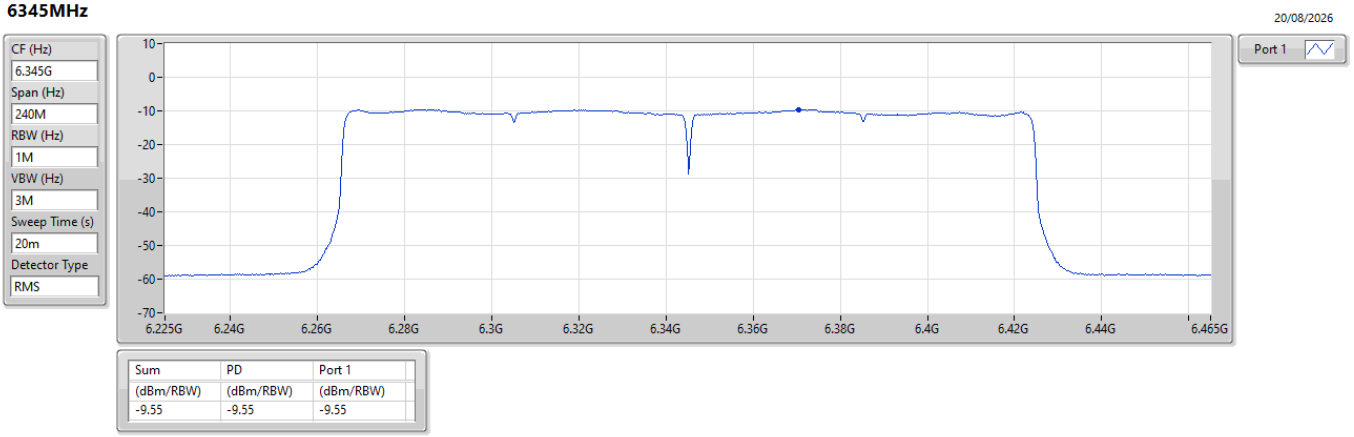
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **AV Power**

6345MHz_TX



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

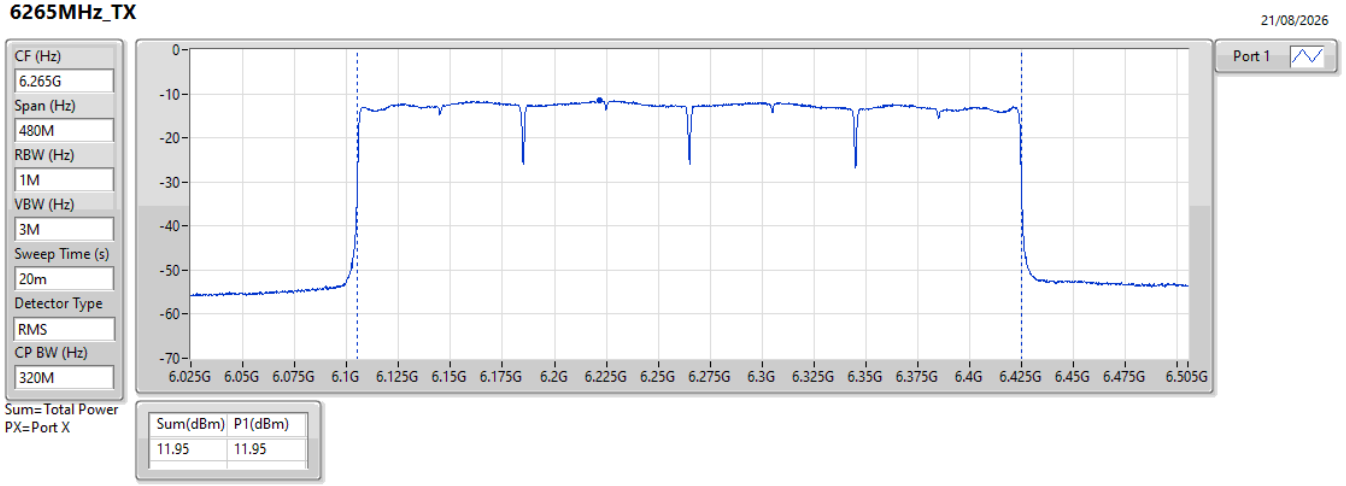
6345MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1
Bandwidth: 320MHz
Frequency (MHz): 6265

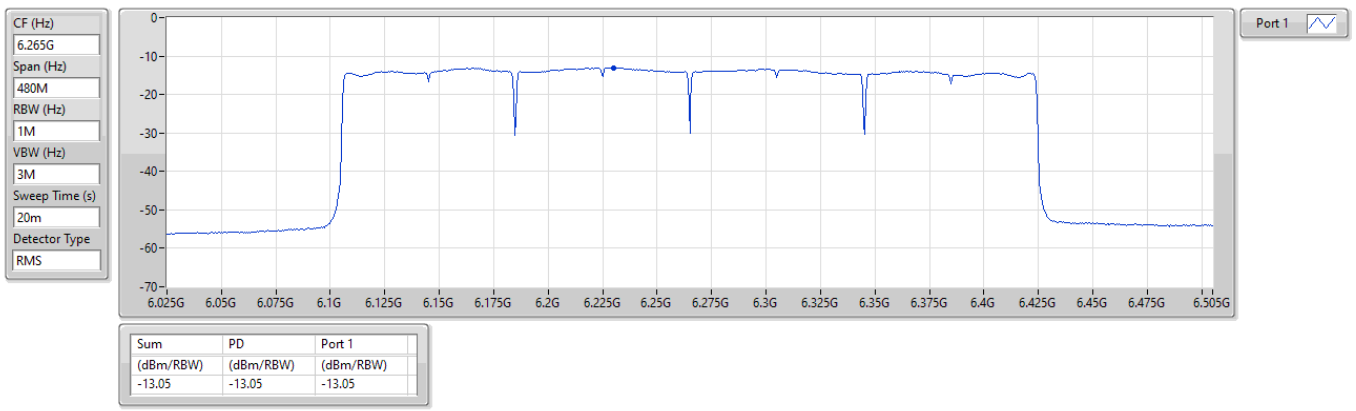
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6265MHz_TX



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

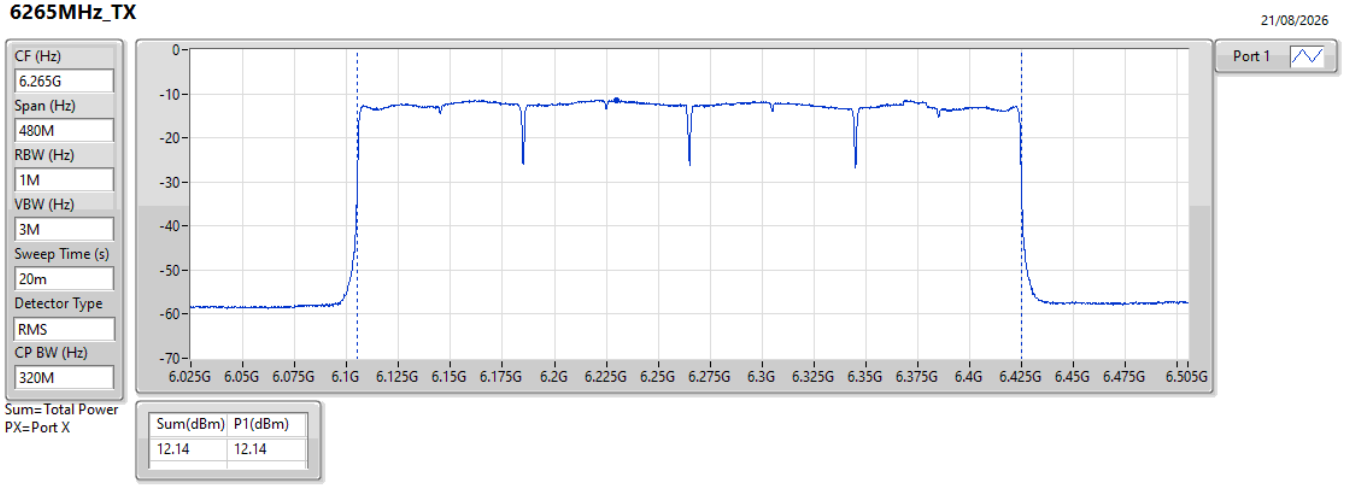
6265MHz



Frequency (MHz): 6265

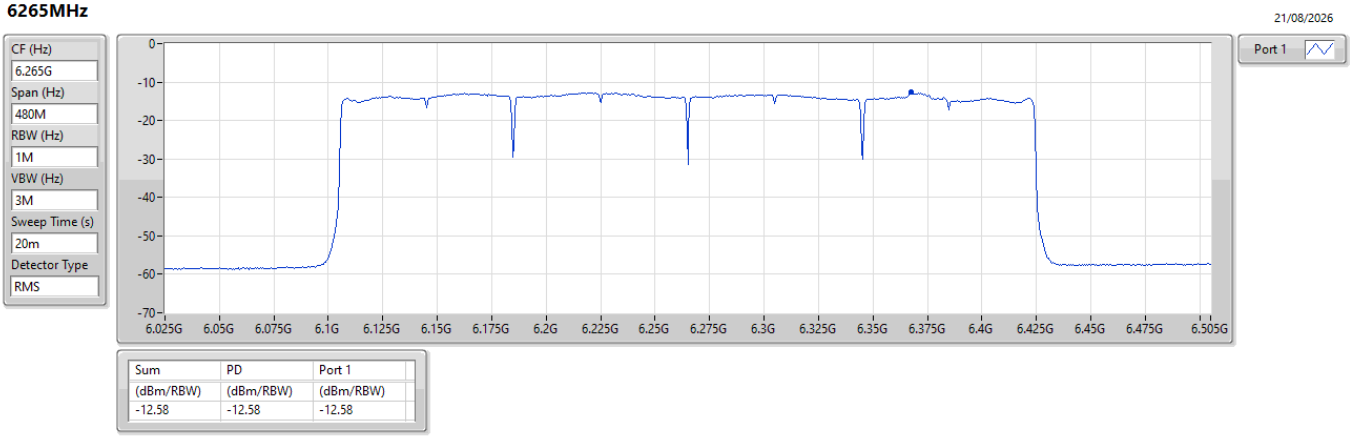
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6265MHz_TX



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

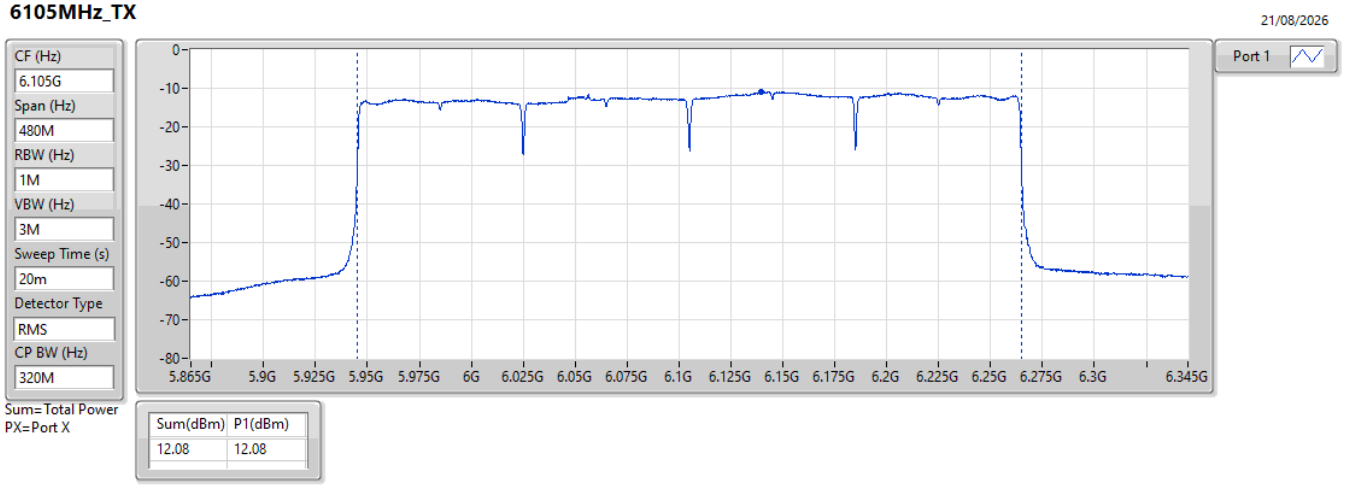
6265MHz



Frequency (MHz): 6105

5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6105MHz_TX

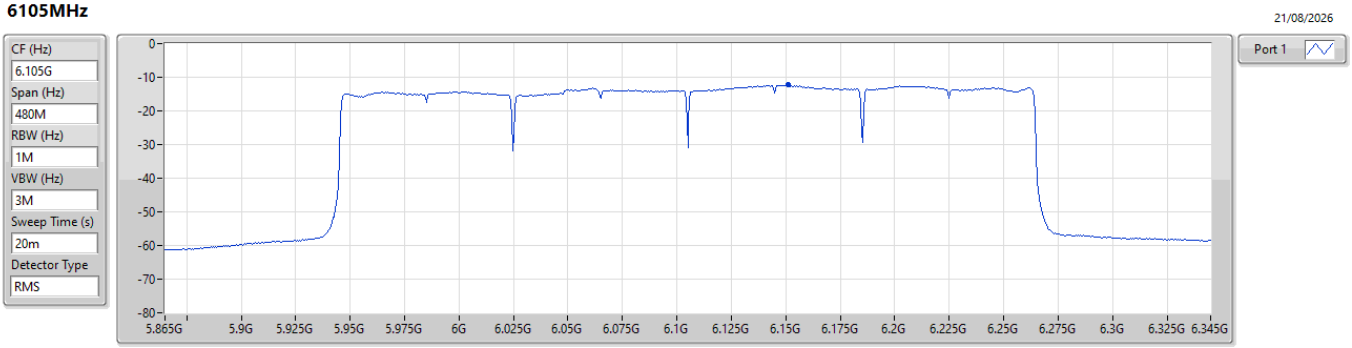


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
12.08	12.08

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

6105MHz

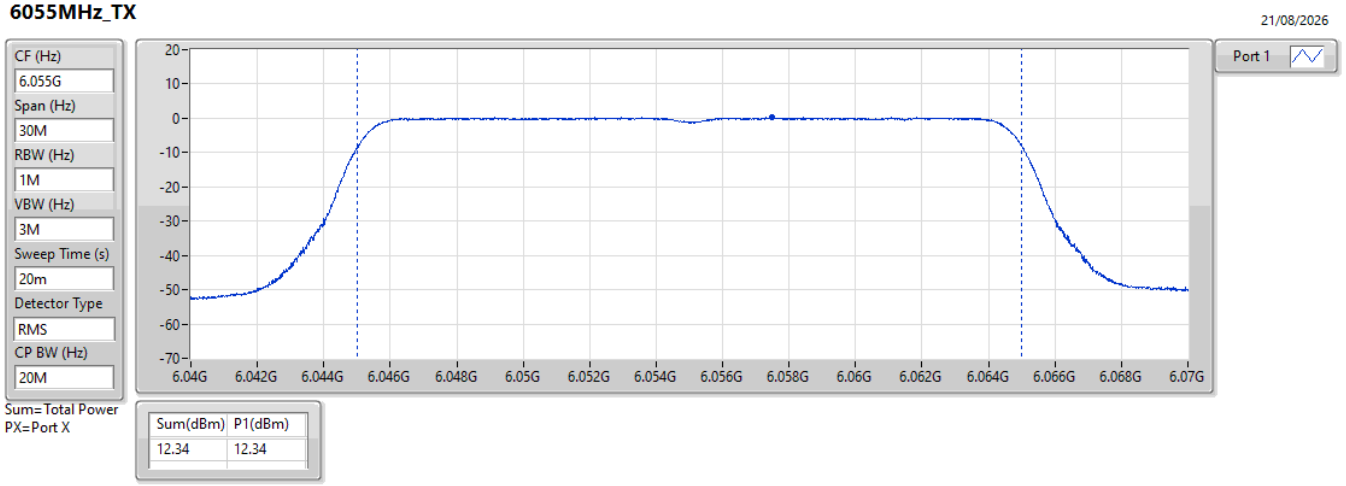


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.33	-12.33	-12.33

CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1
Bandwidth: 20MHz
Frequency (MHz): 6055

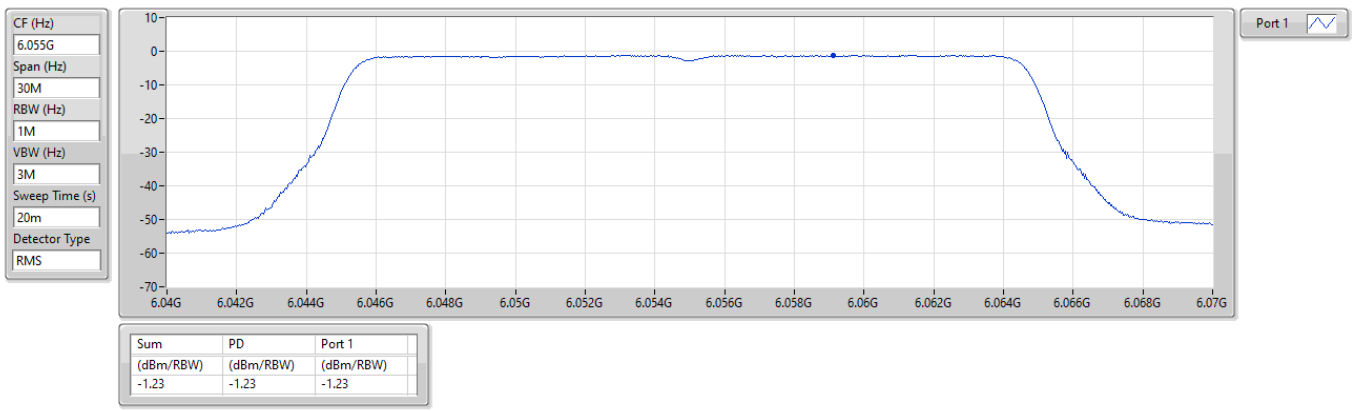
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6055MHz_TX



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

6055MHz



Frequency (MHz): 6695

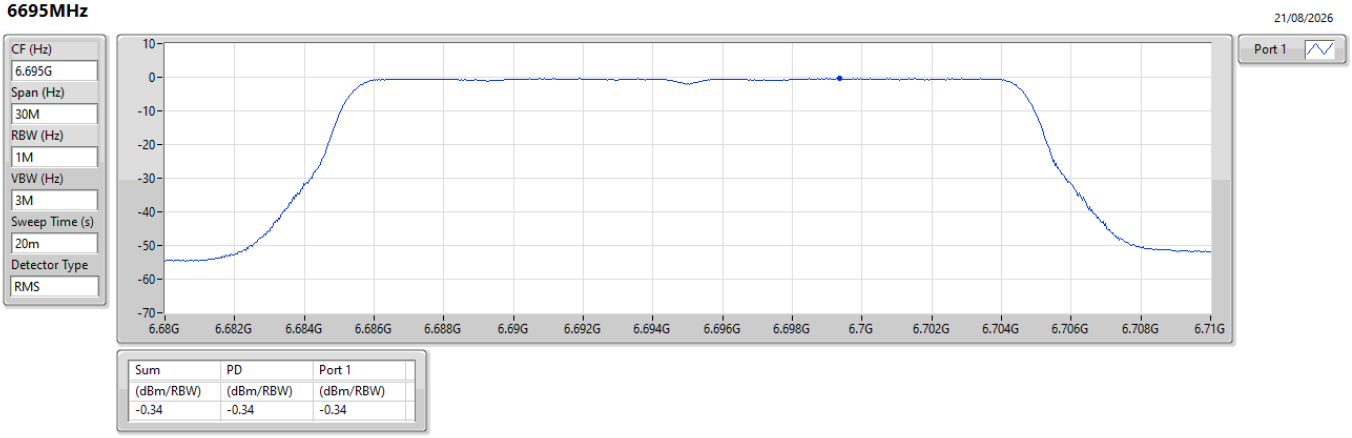
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6695MHz_TX



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

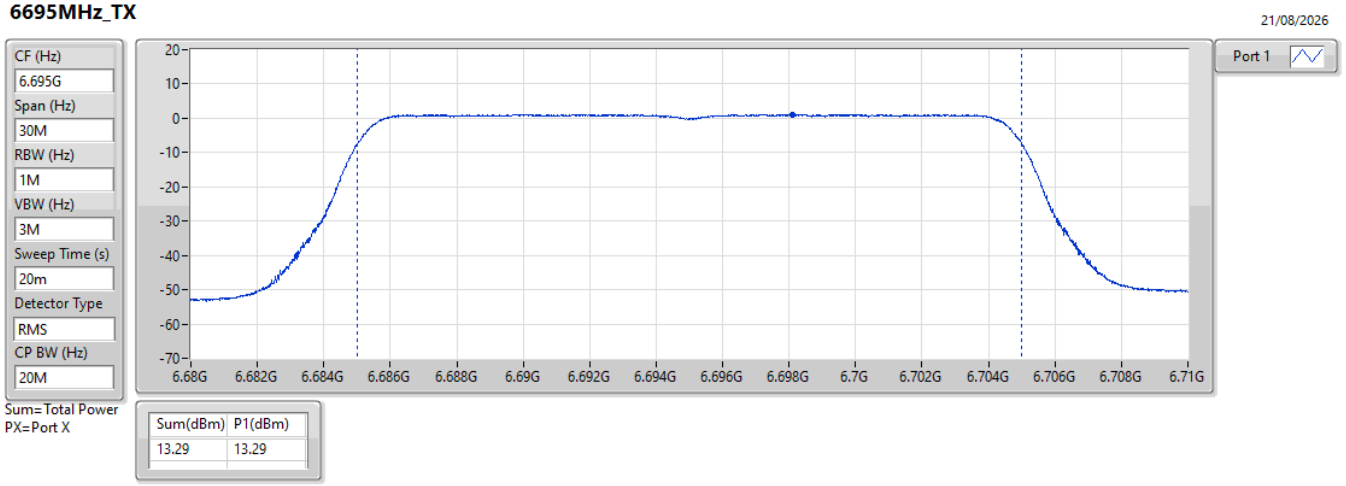
6695MHz



CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1
Bandwidth: 20MHz
Frequency (MHz): 6695

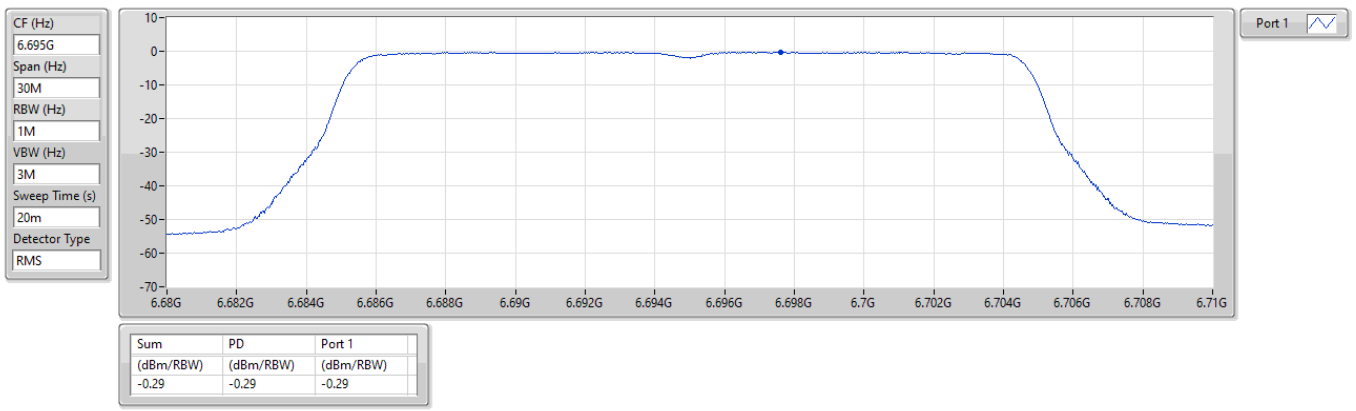
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6695MHz_TX



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

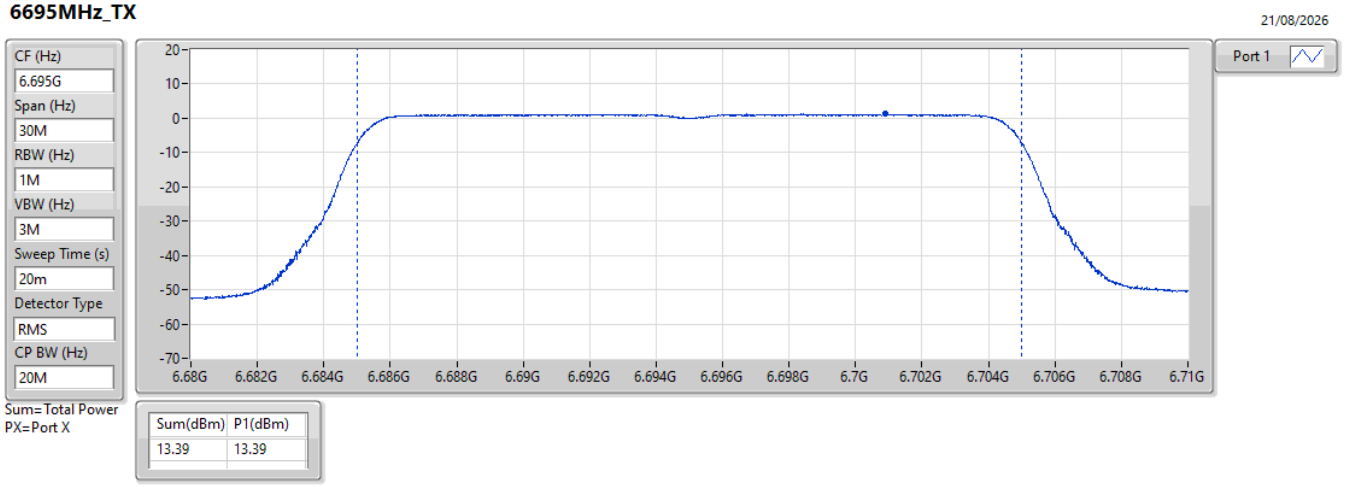
6695MHz



Frequency (MHz): 6695

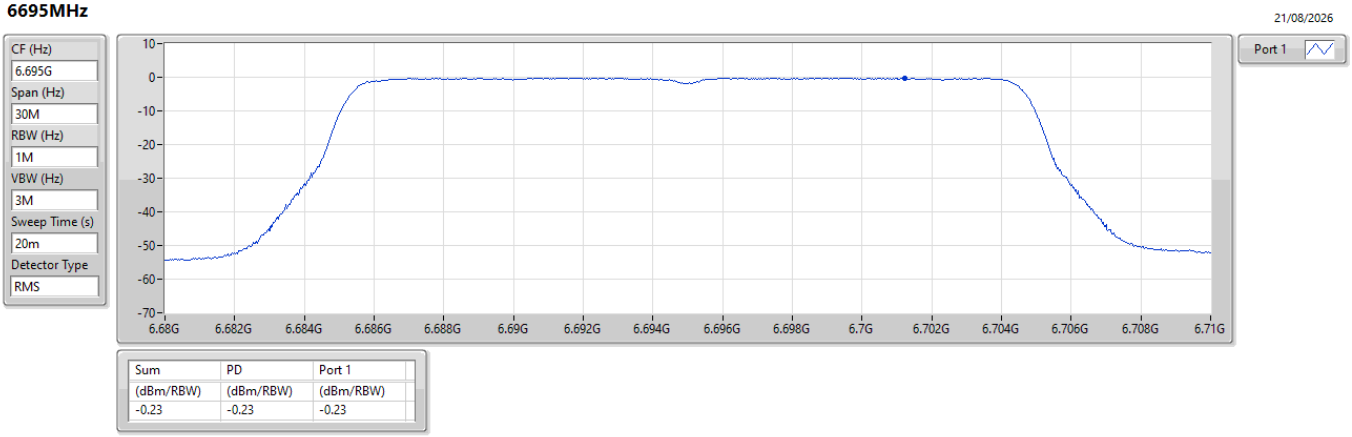
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6695MHz_TX



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

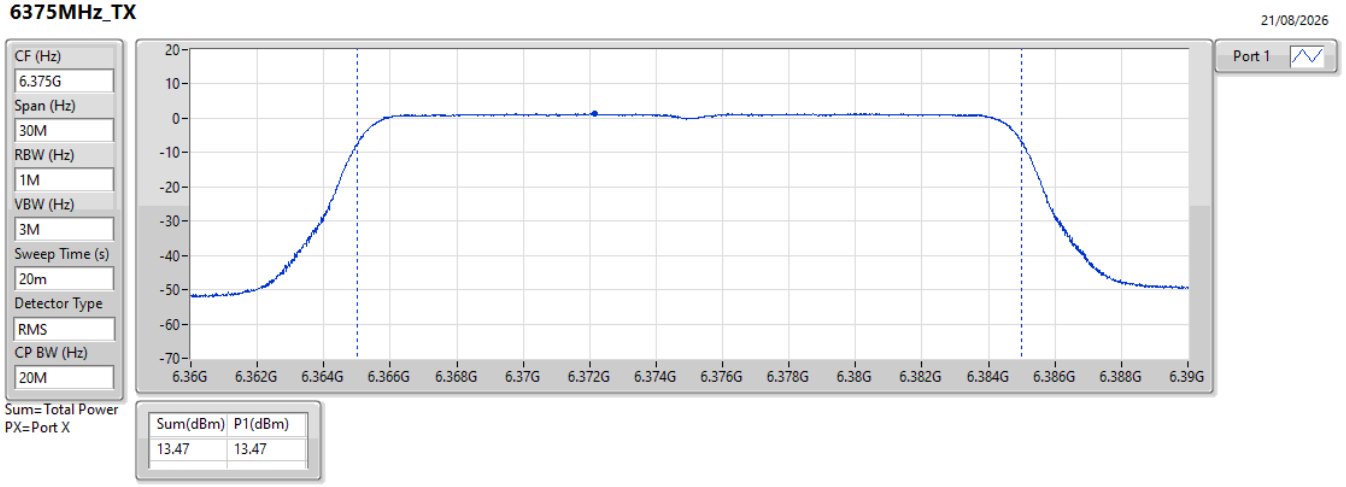
6695MHz



Frequency (MHz): 6375

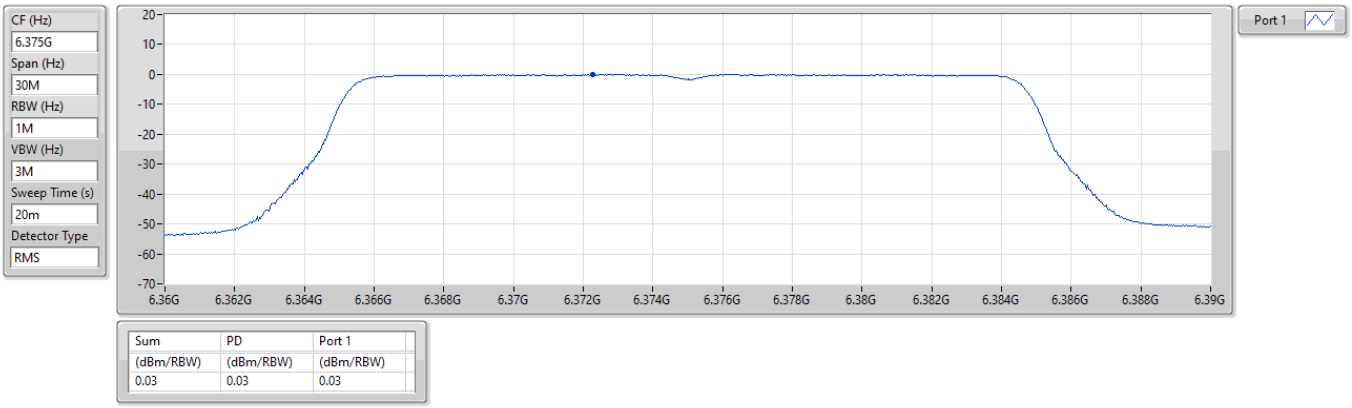
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6375MHz_TX



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

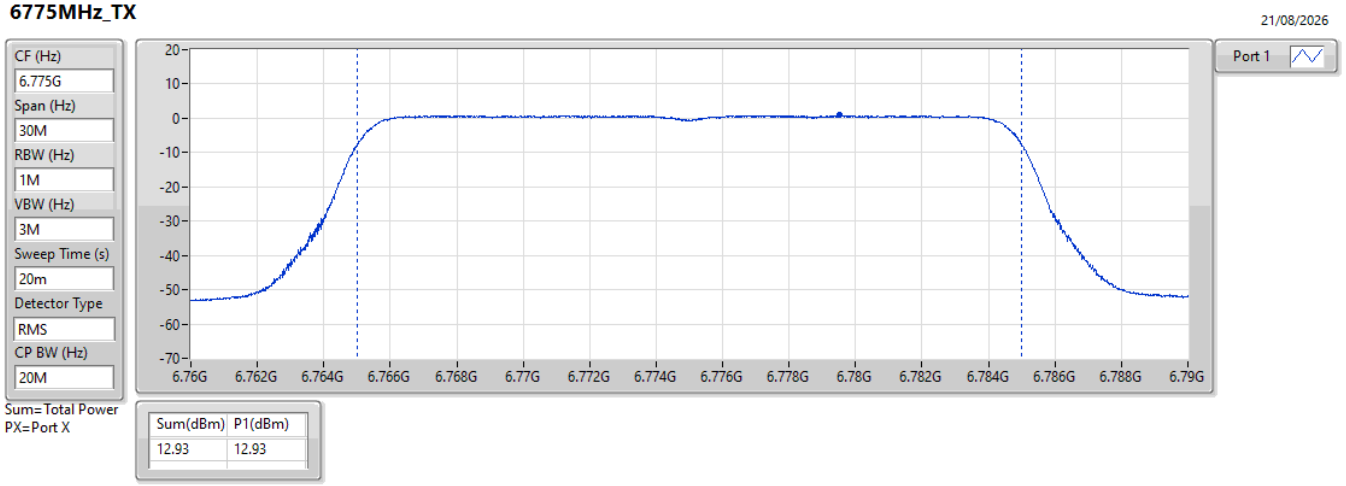
6375MHz



CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1
Bandwidth: 20MHz
Frequency (MHz): 6775

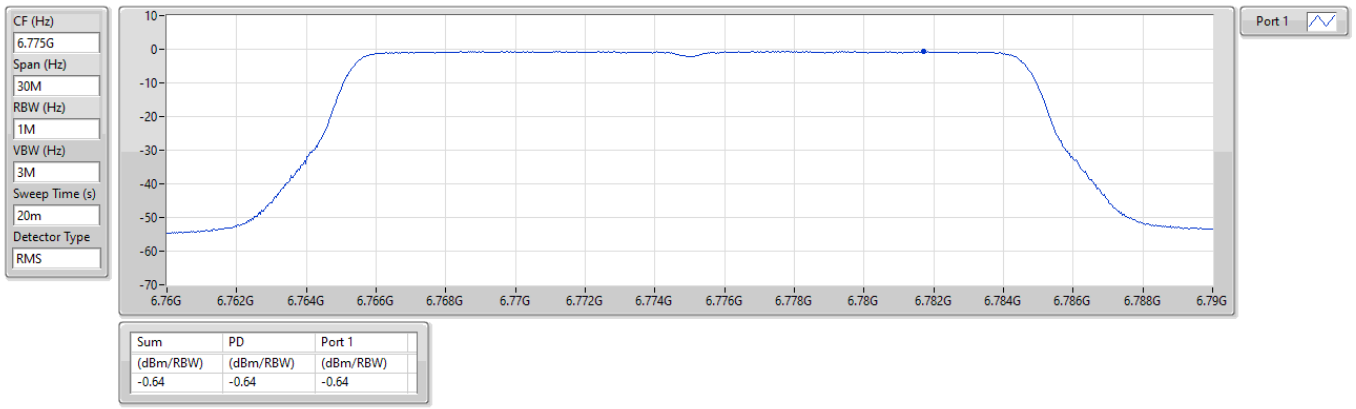
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6775MHz_TX



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

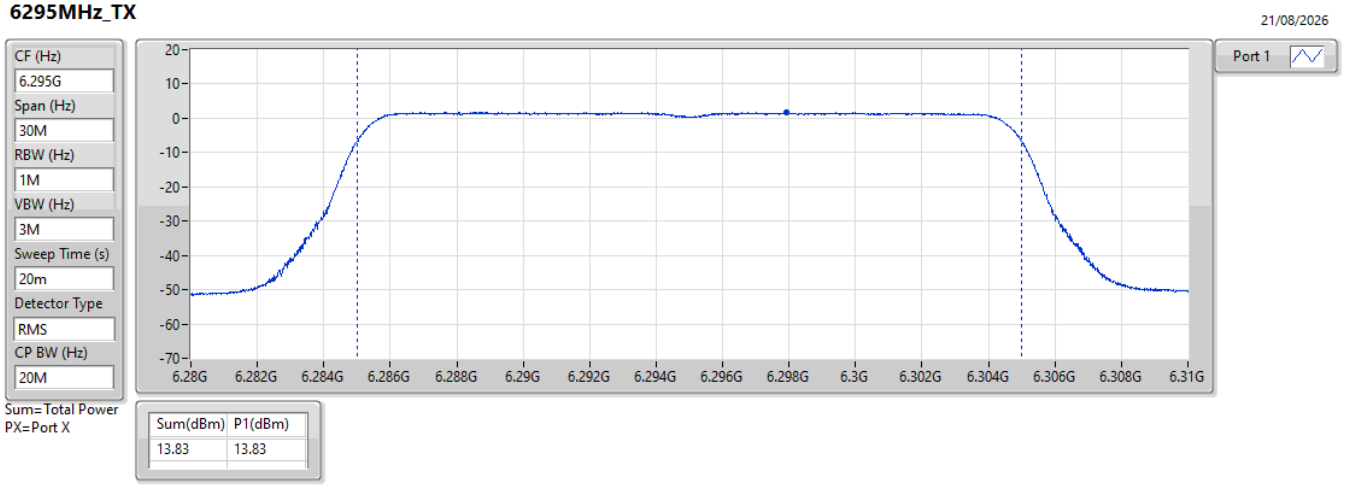
6775MHz



Frequency (MHz): 6295

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

6295MHz_TX

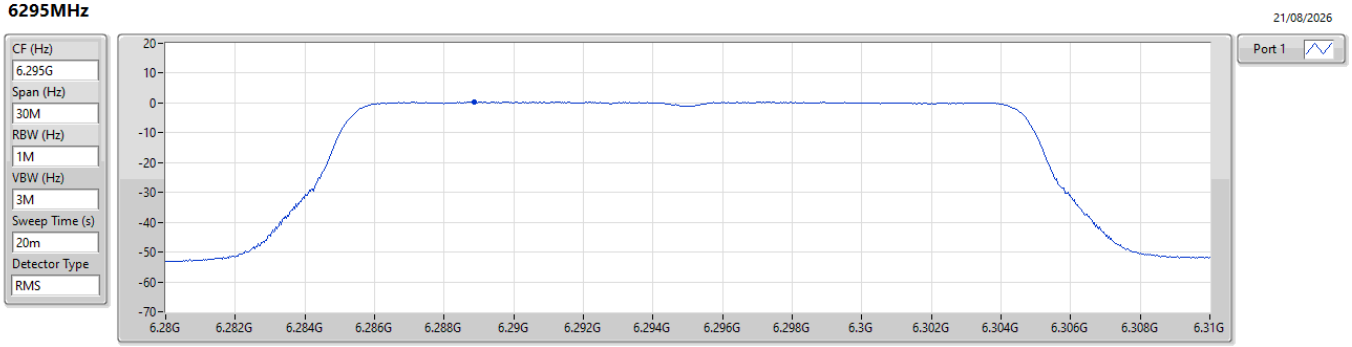


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
13.83	13.83

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

6295MHz

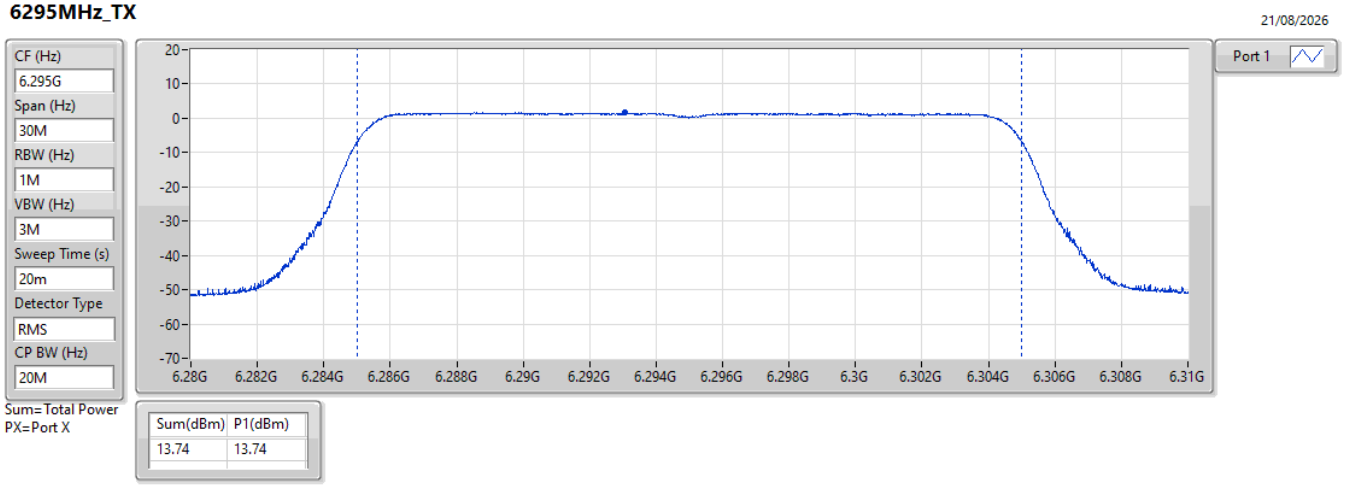


Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
0.35	0.35	0.35

Frequency (MHz): 6295

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

6295MHz_TX

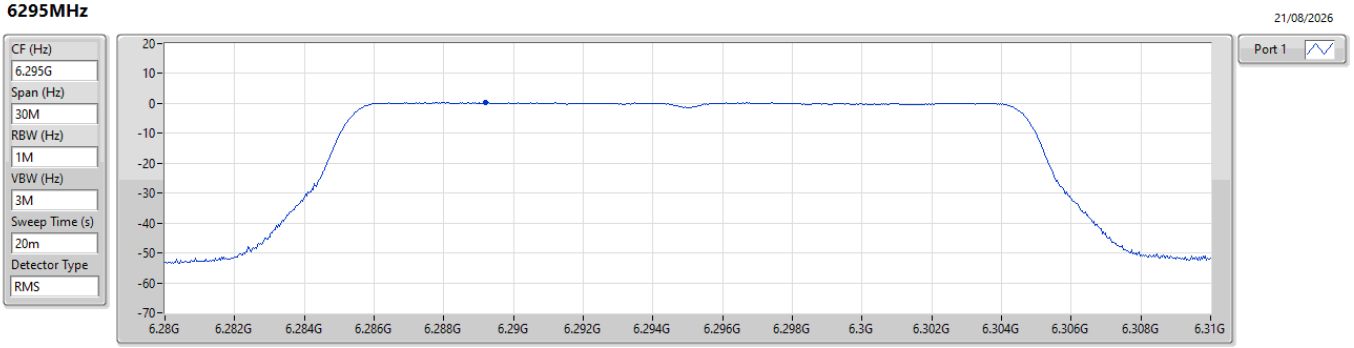


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
13.74	13.74

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

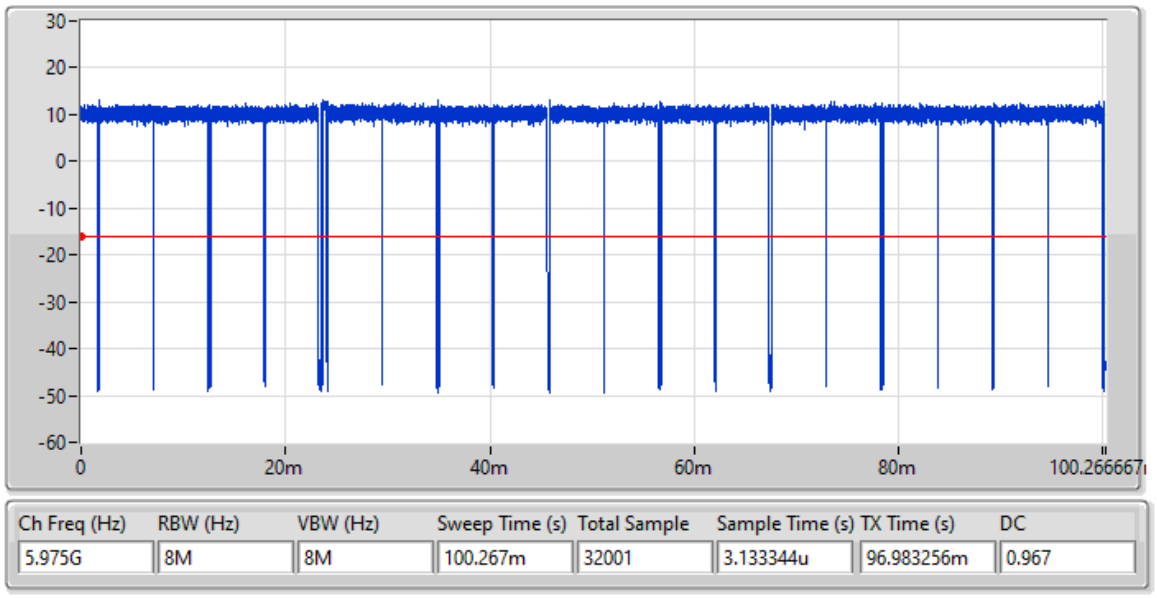
6295MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	0.29

Duty Cycle
Bandwidth: 20MHz

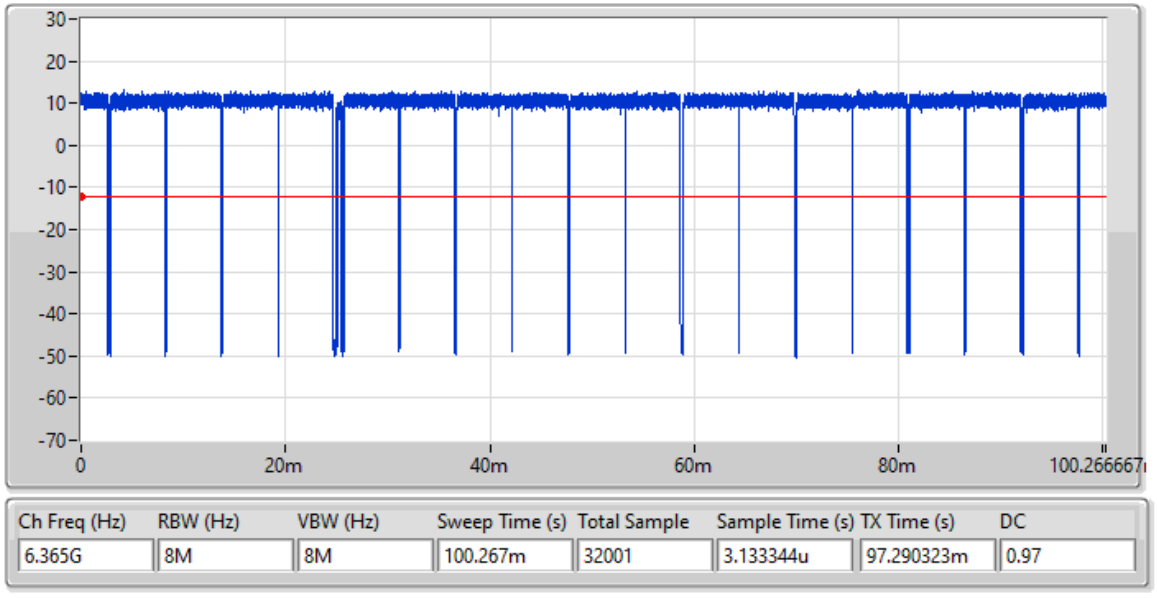
DC;be20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.975G	8M	8M	100.267m	32001	3.133344u	96.983256m	0.967

Bandwidth: 40MHz

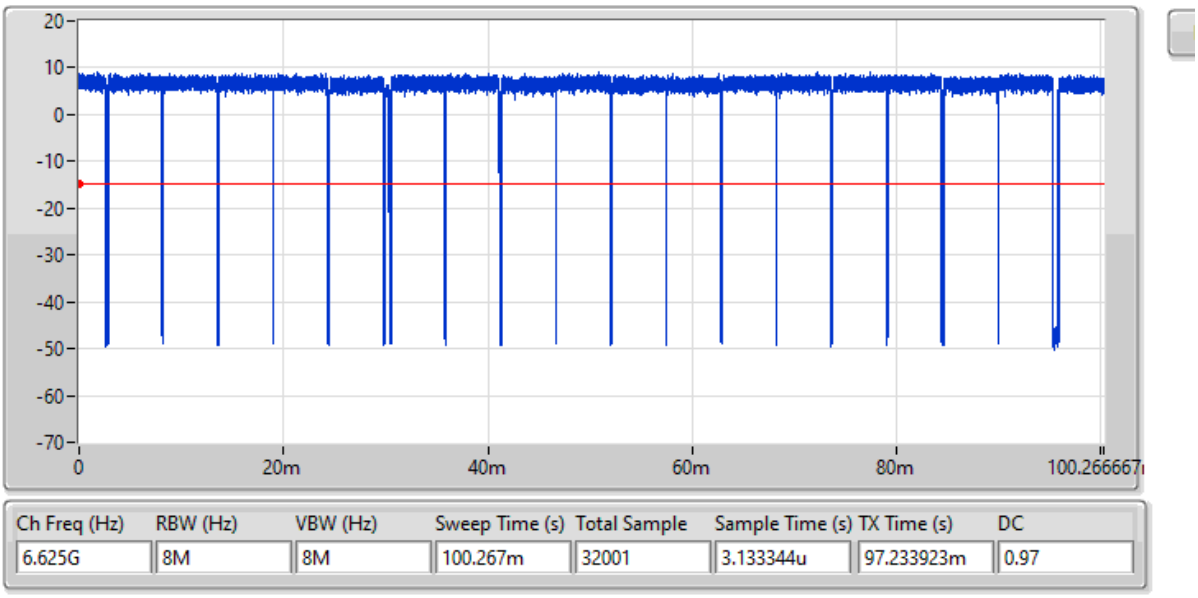
DC;be40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.365G	8M	8M	100.267m	32001	3.133344u	97.290323m	0.97

Bandwidth: 80MHz

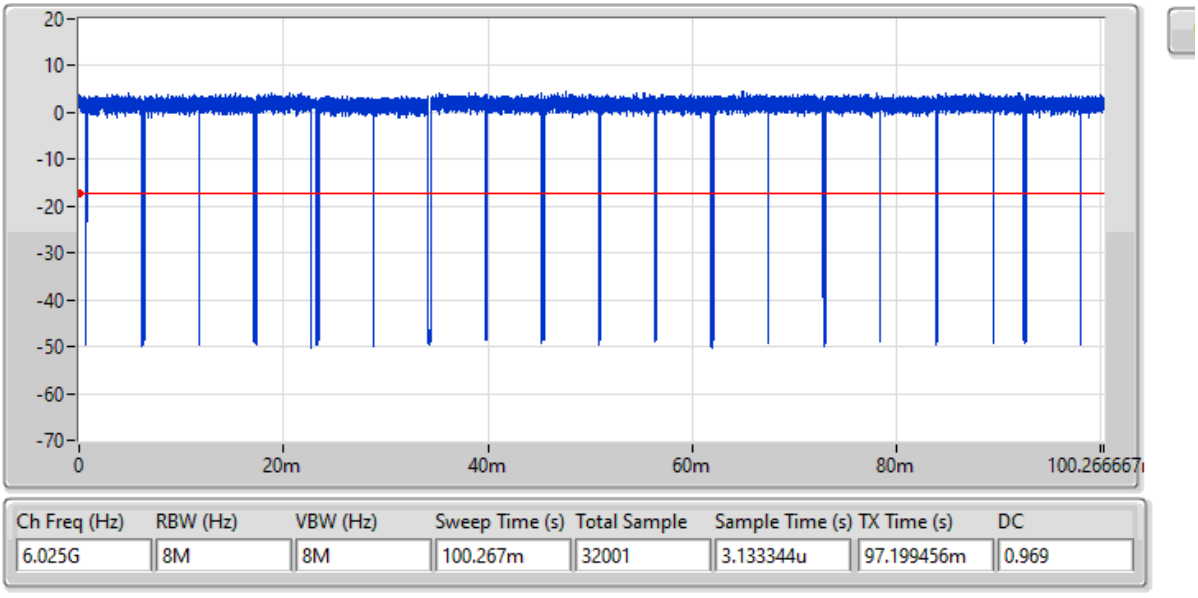
DC;be80;BWch:80



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.625G	8M	8M	100.267m	32001	3.133344u	97.233923m	0.97

Bandwidth: 160MHz

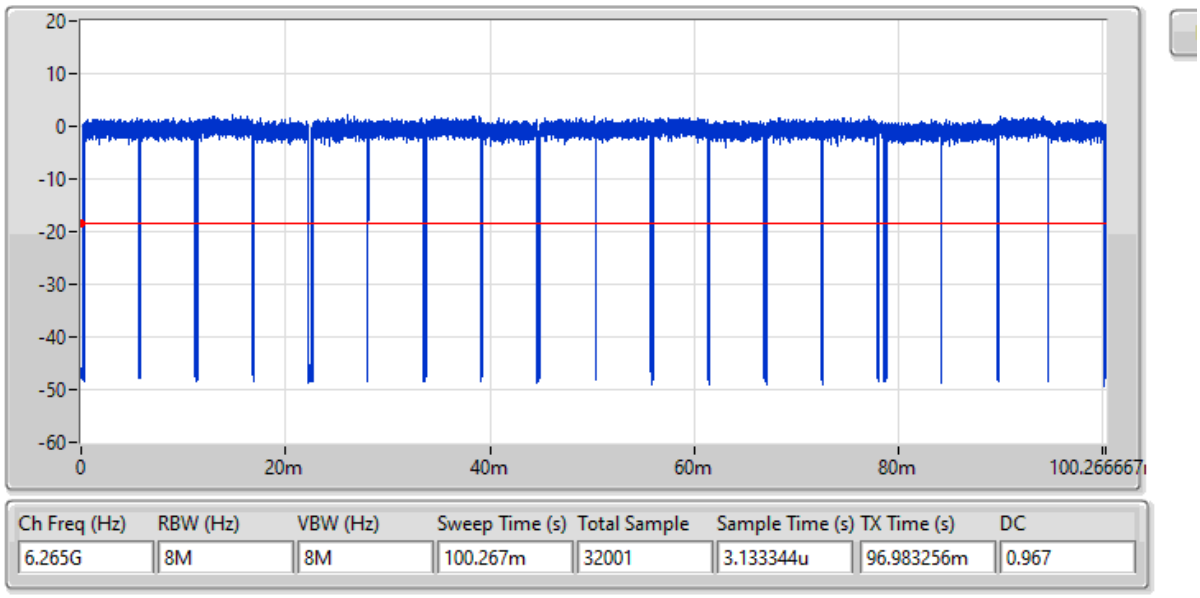
DC;be160;BWch:160



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.025G	8M	8M	100.267m	32001	3.133344u	97.199456m	0.969

Bandwidth: 320MHz

DC;be320;BWch:320



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.265G	8M	8M	100.267m	32001	3.133344u	96.983256m	0.967

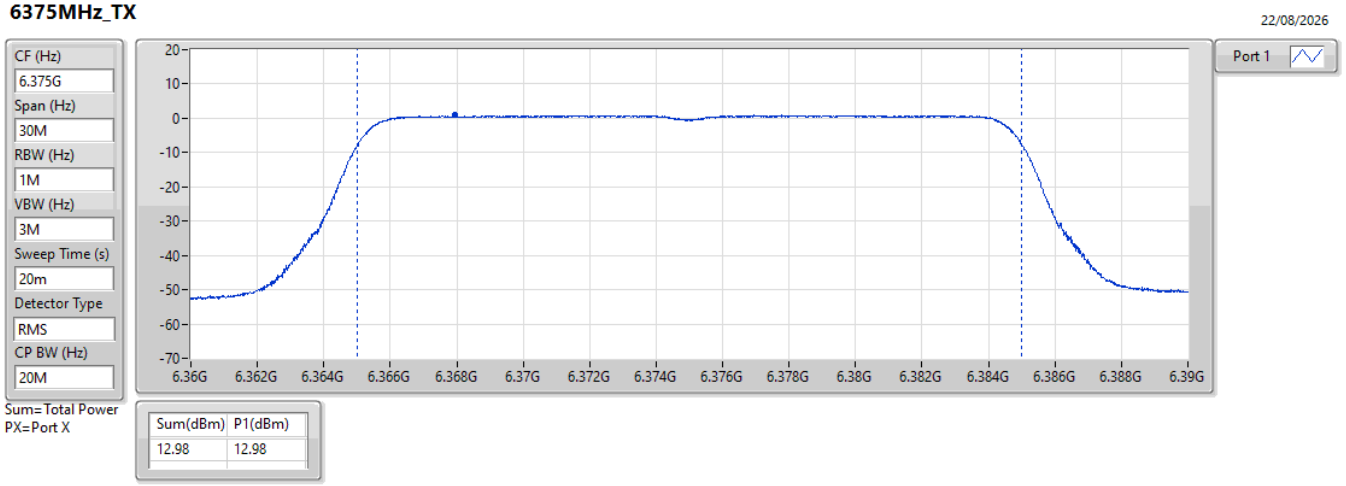
AFC capability - Inquired Frequency & Channel

AFCD.RSA: Successful registration and spectrum access request											
Freq. (MHz)	Mode (LPI or SP)	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	SP	20	4.33	12.98	17.31	27.50	Pass	-0.46	3.87	14.50	Pass
6775	SP	20	4.39	12.39	16.78	29.70	Pass	-0.77	3.62	16.70	Pass
6265	SP	320	4.33	11.85	16.18	35.20	Pass	-13.05	-8.72	10.10	Pass
6105	SP	320	4.33	11.83	16.16	24.80	Pass	-12.68	-8.35	-0.30	Pass

AFC capability - Inquired Frequency & Channel
CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1
Frequency (MHz): 6375

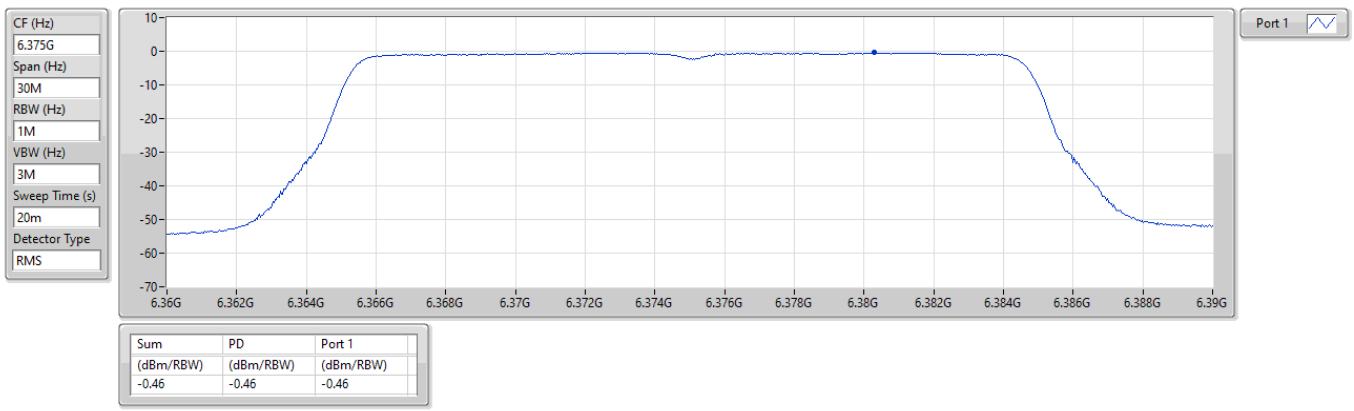
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6375MHz_TX



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

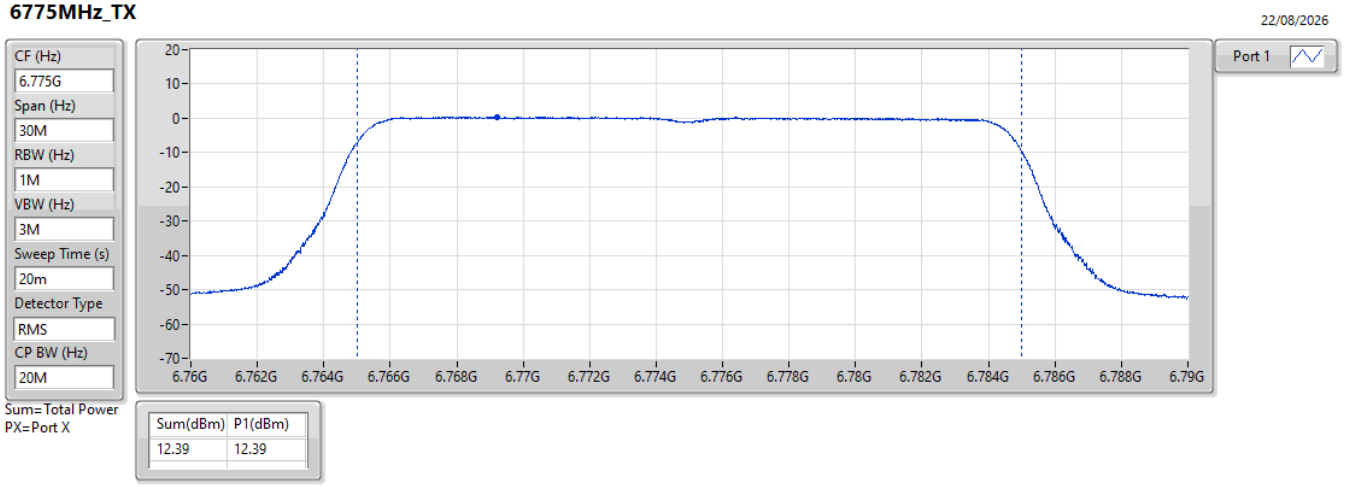
6375MHz



Frequency (MHz): 6775

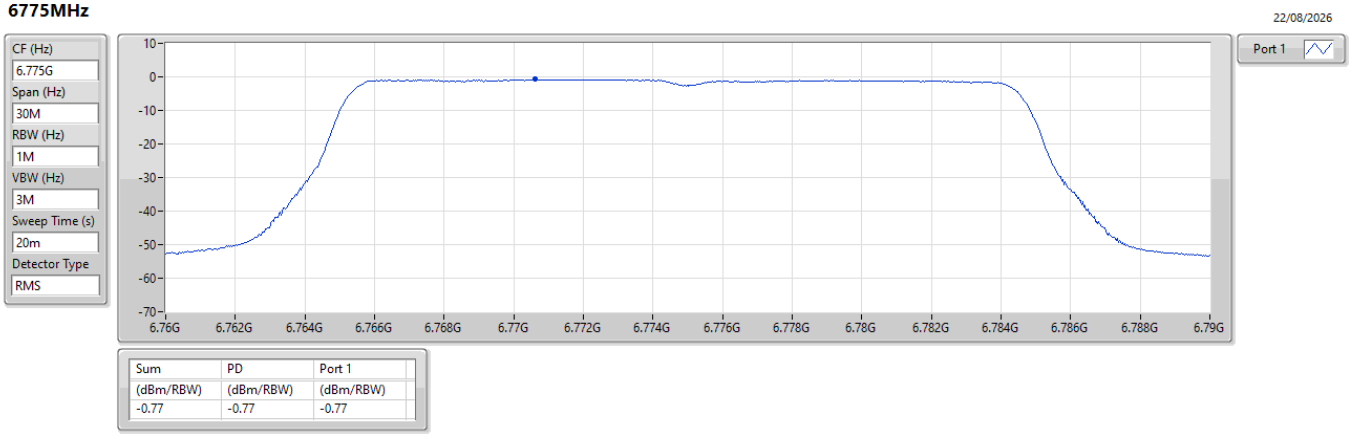
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6775MHz_TX



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

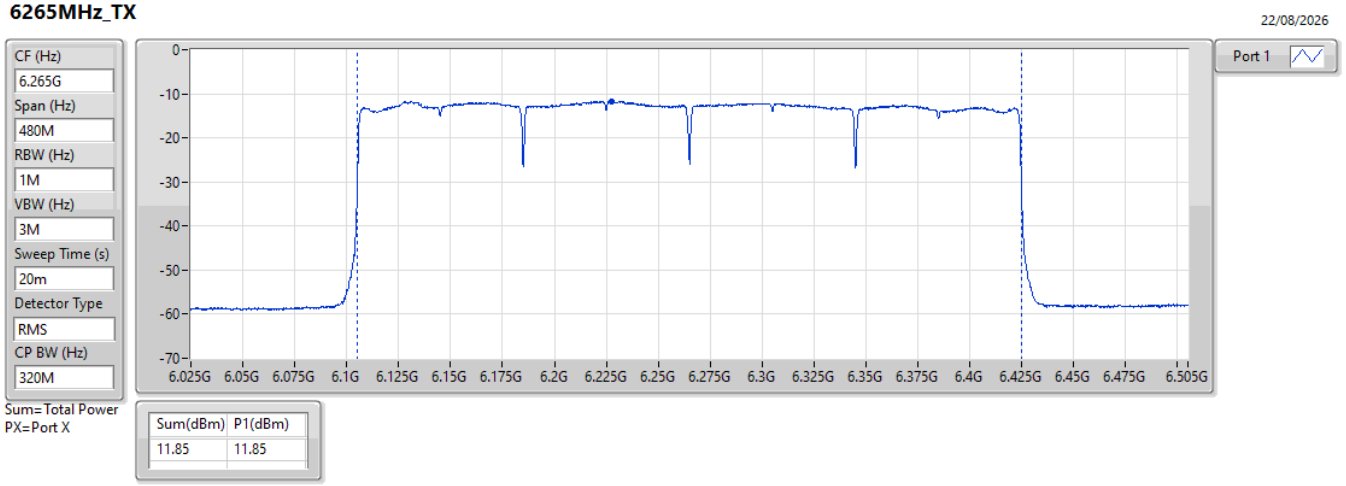
6775MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1
Bandwidth: 320MHz
Frequency (MHz): 6265

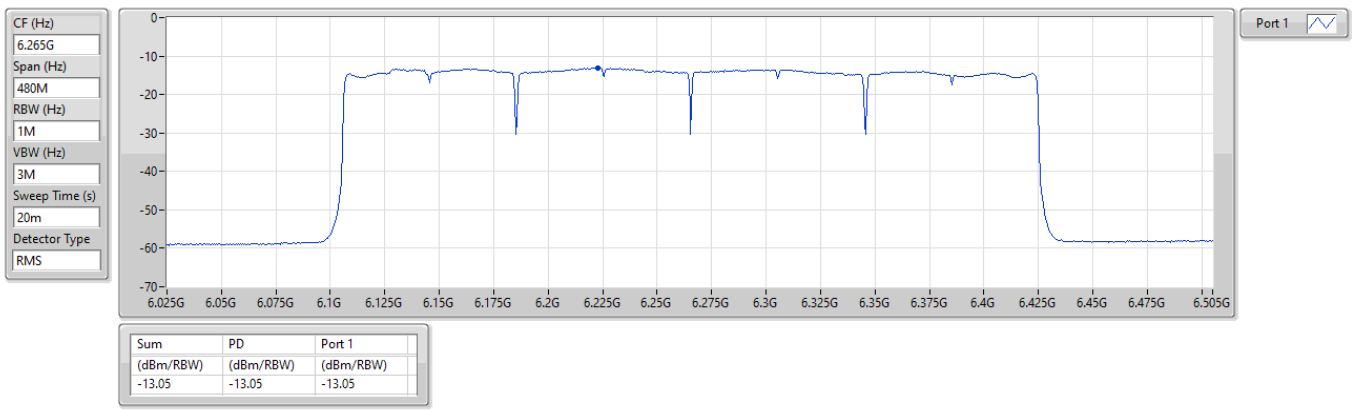
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6265MHz_TX



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

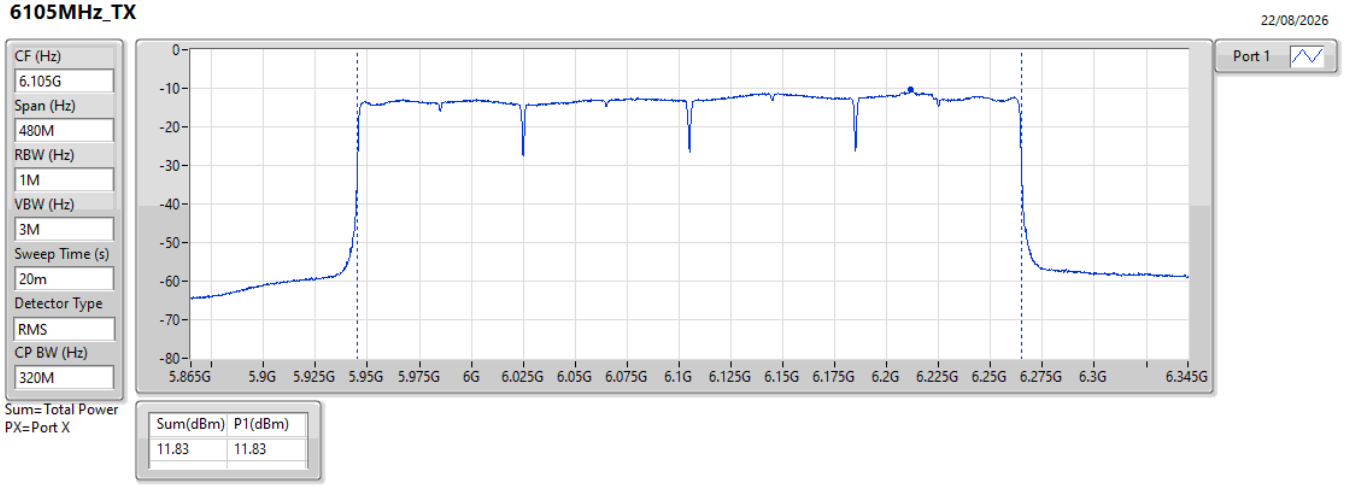
6265MHz



Frequency (MHz): 6105

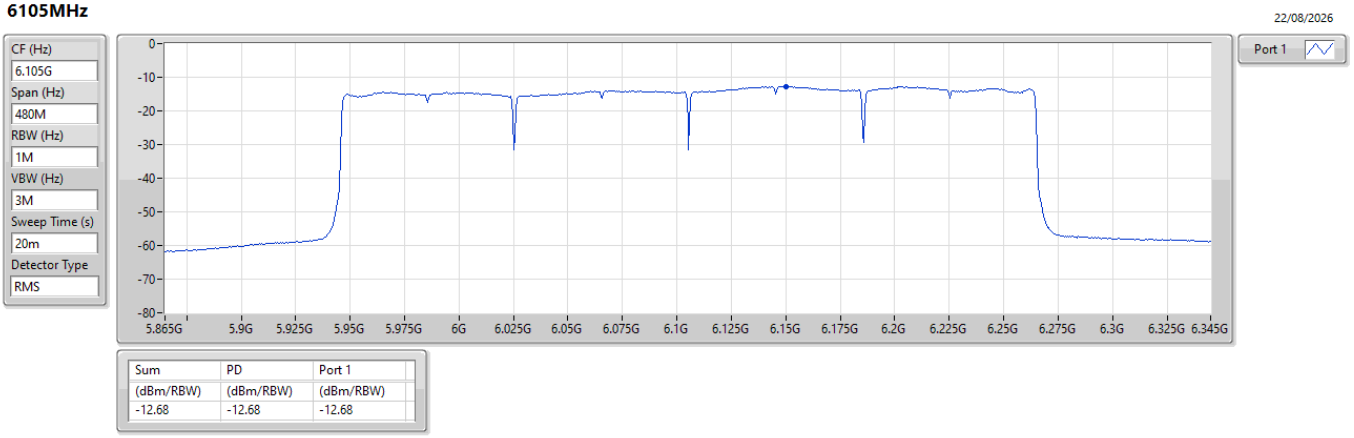
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6105MHz_TX



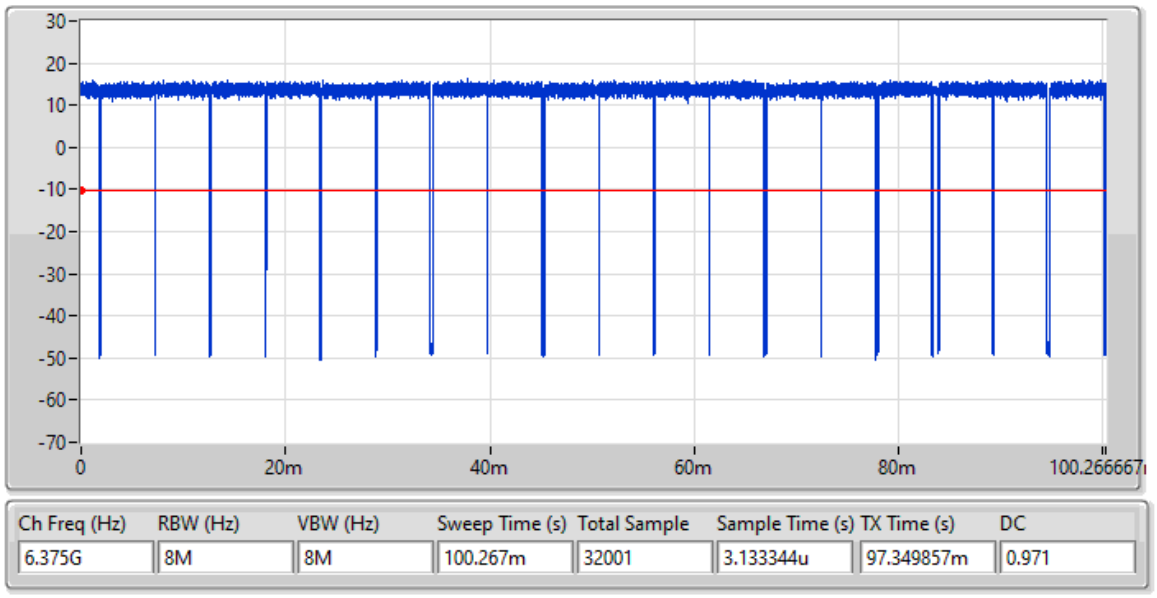
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **PSD**

6105MHz



Duty Cycle
Bandwidth: 20MHz

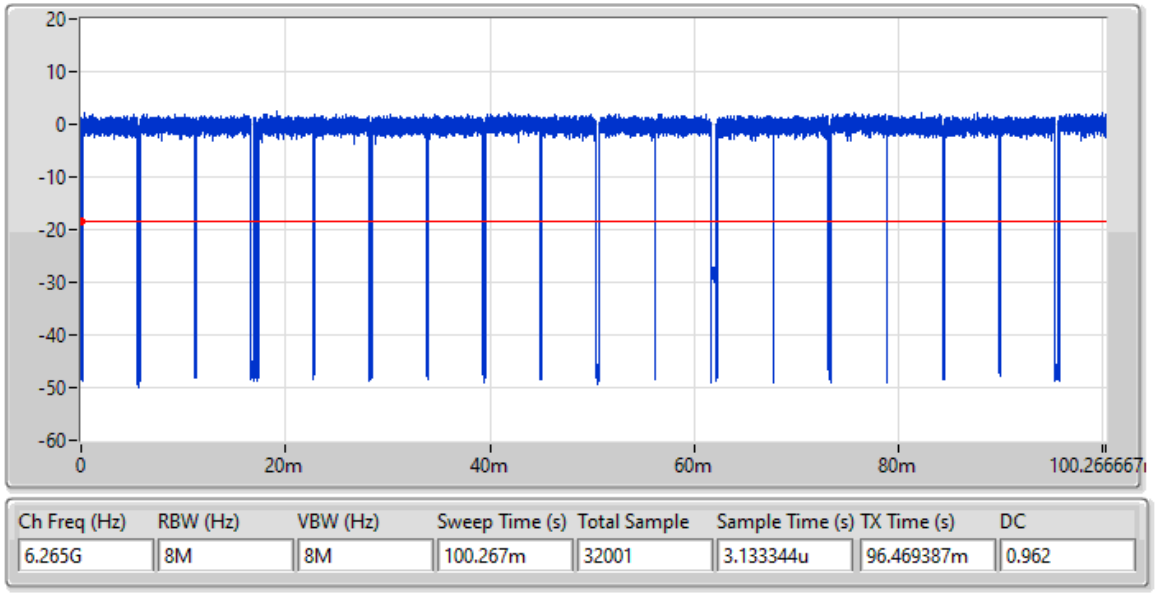
DC;be20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.375G	8M	8M	100.267m	32001	3.133344u	97.349857m	0.971

Bandwidth: 320MHz

DC;be320;BWch:320



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.265G	8M	8M	100.267m	32001	3.133344u	96.469387m	0.962

AFC capability - Inquired Frequency & Channel

AFCD.RSA: Successful registration and spectrum access request											
Freq. (MHz)	Mode (LPI or SP)	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	SP	20	10.00	12.02	22.02	28.80	Pass	-1.37	8.63	15.80	Pass
6135	SP	20	10.00	12.25	22.25	33.80	Pass	-1.20	8.80	20.80	Pass
5965	SP	40	10.00	12.11	22.11	29.60	Pass	-4.34	5.66	13.60	Pass
6605	SP	40	10.00	11.51	21.51	24.90	Pass	-4.87	5.13	8.90	Pass
5985	SP	80	10.00	12.33	22.33	33.10	Pass	-6.63	3.37	14.10	Pass
6385	SP	80	10.00	12.68	22.68	32.30	Pass	-6.30	3.70	13.30	Pass
6025	SP	160	10.00	12.77	22.77	30.90	Pass	-8.87	1.13	8.90	Pass
6345	SP	160	10.00	12.29	22.29	30.90	Pass	-9.23	0.77	8.90	Pass
6265	SP	320	10.00	12.49	22.49	34.10	Pass	-11.92	-1.92	9.00	Pass
6105	SP	320	10.00	12.38	22.38	23.60	Pass	-11.62	-1.62	-1.50	Pass

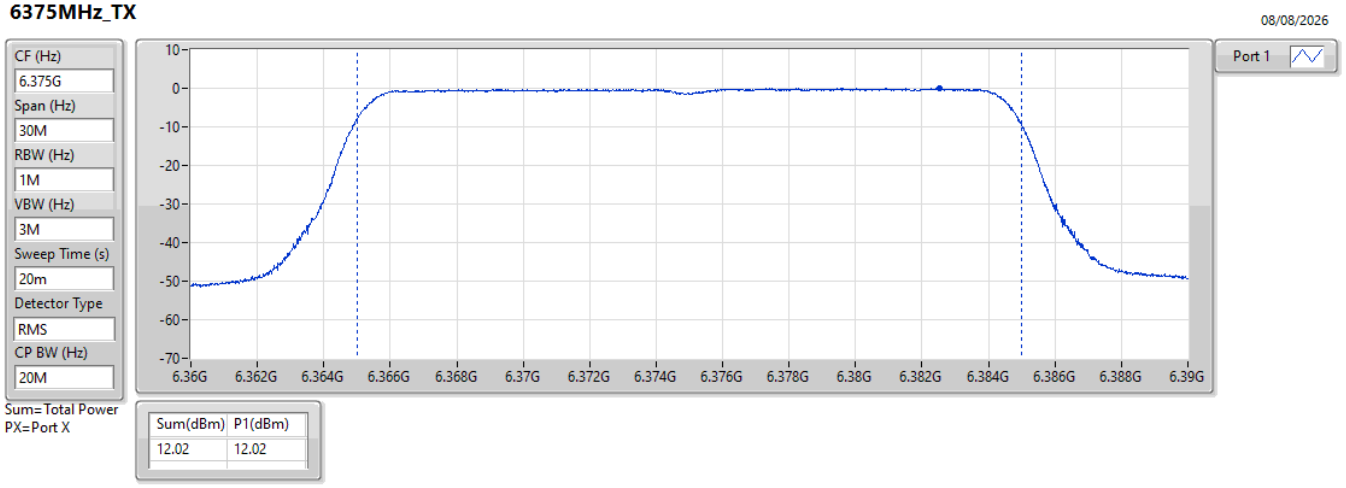
AFCD.SAU: Successful spectrum access update											
Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
5975	SP	20	10.00	9.01	19.01	29.30	Pass	-4.13	5.87	16.30	Pass

AFCD.UAU: Unsuccessful spectrum access update											
Freq. (MHz)	Mode (LPI or SP)	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	SP	20	10.00	9.12	19.12	36.00	Pass	-4.25	5.75	23.00	Pass

AFC capability - Inquired Frequency & Channel
CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1
Frequency (MHz): 6375

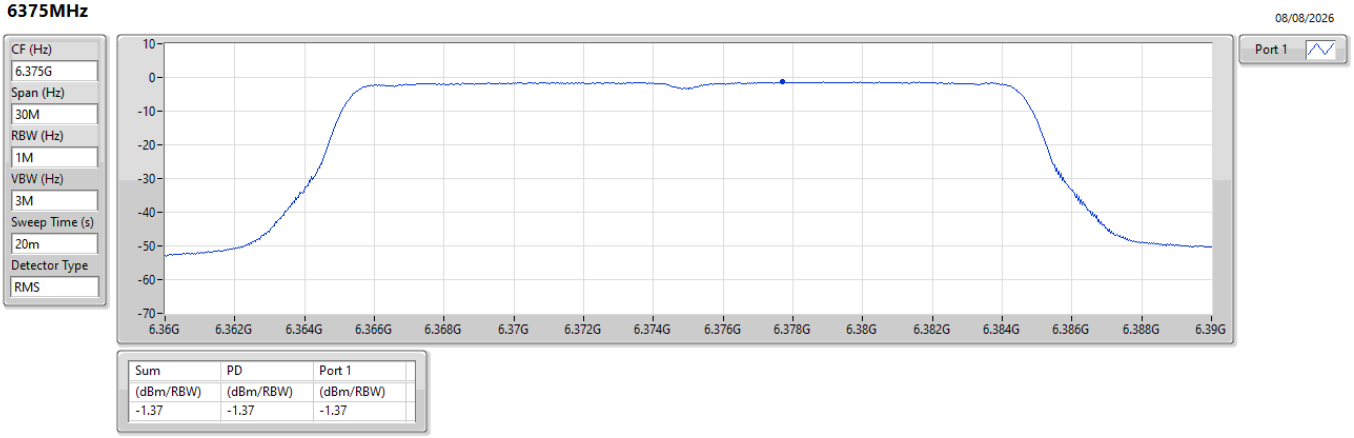
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6375MHz_TX



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

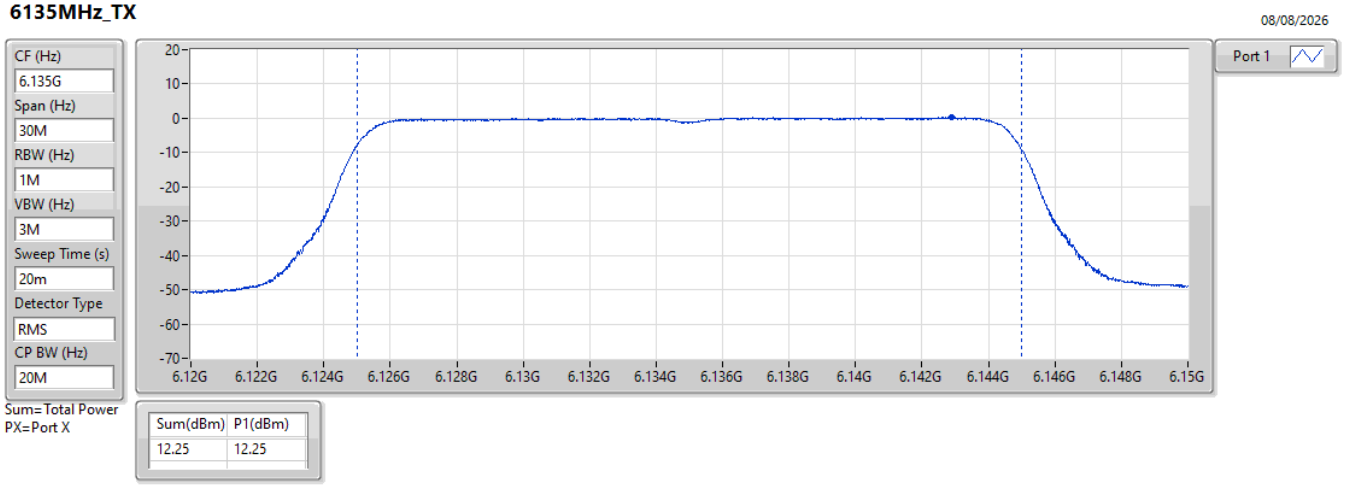
6375MHz



Frequency (MHz): 6135

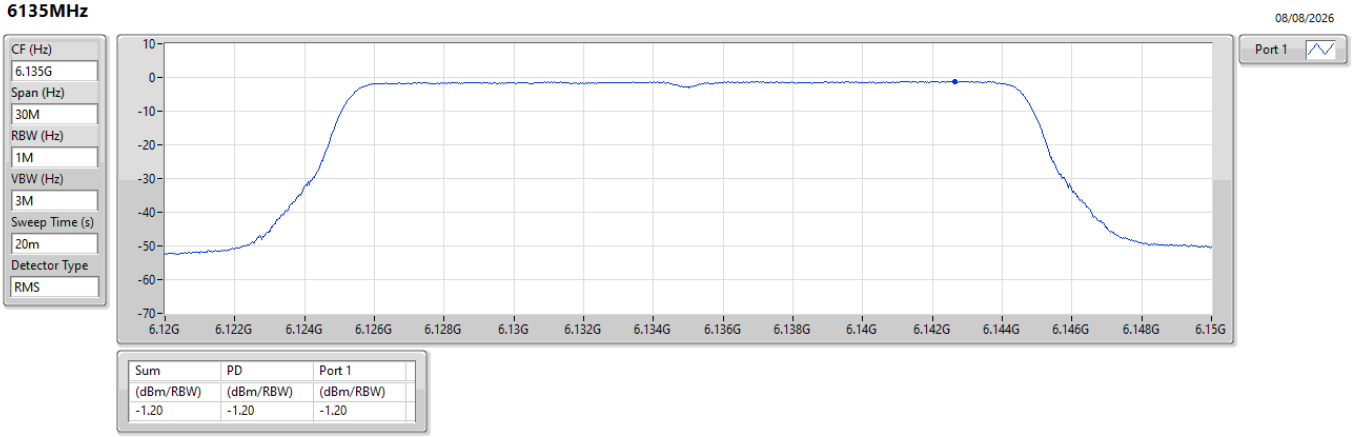
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6135MHz_TX



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

6135MHz

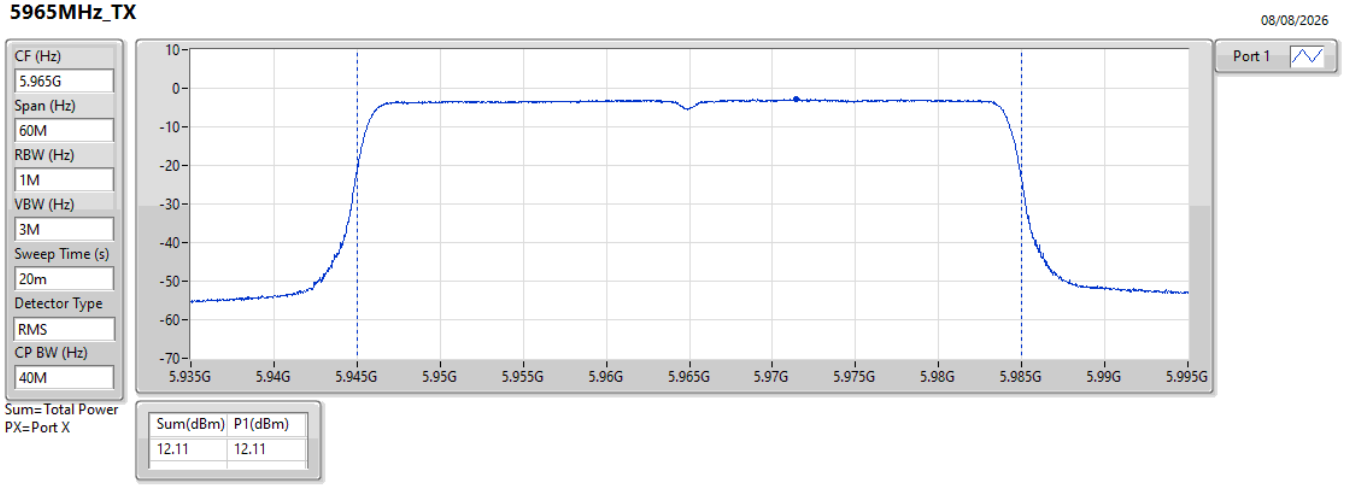


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1

Frequency (MHz): 5965

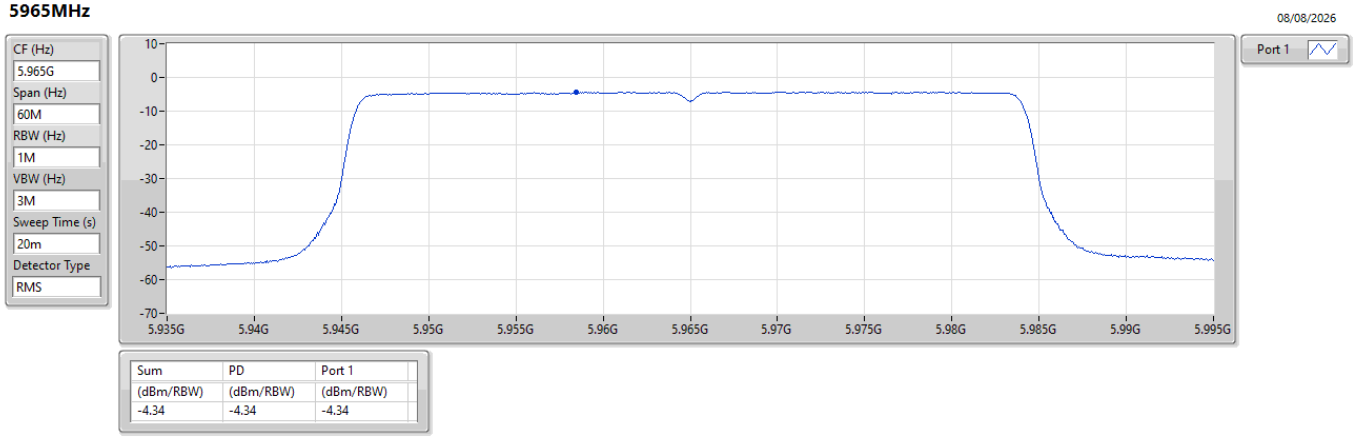
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX **AV Power**

5965MHz_TX



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

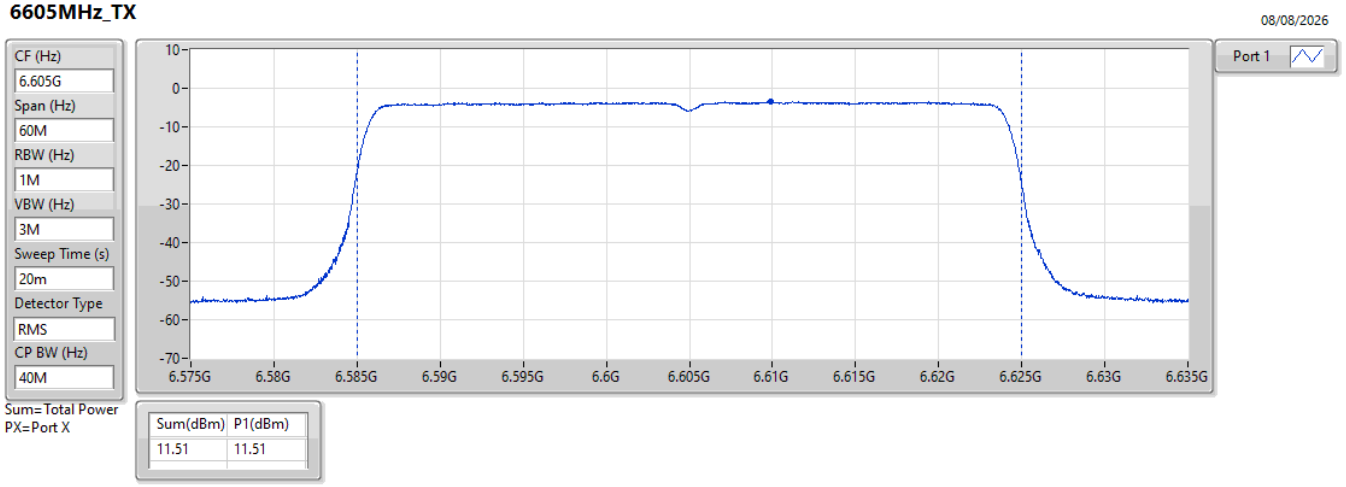
5965MHz



Frequency (MHz): 6605

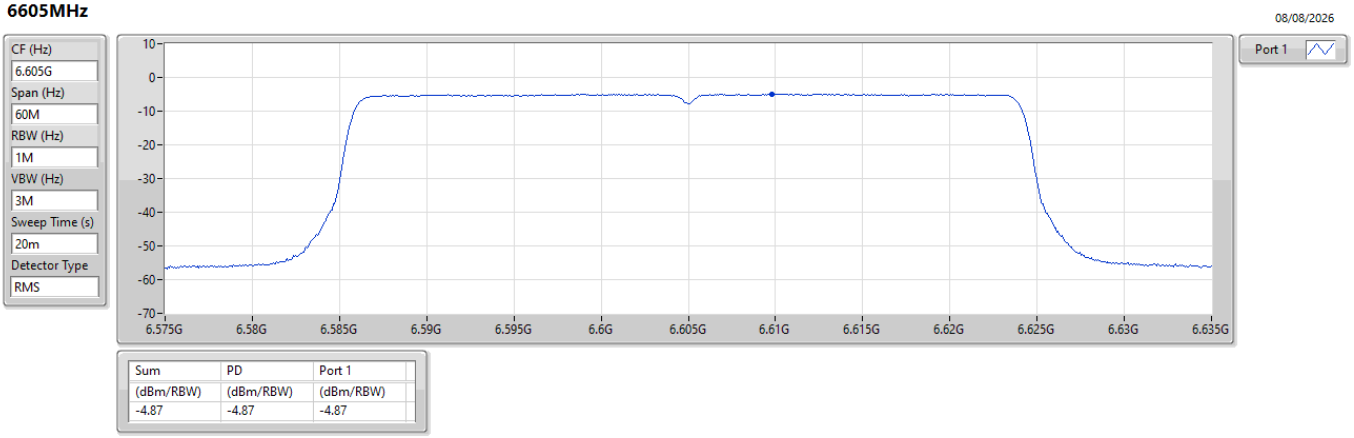
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_1TX **AV Power**

6605MHz_TX



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

6605MHz

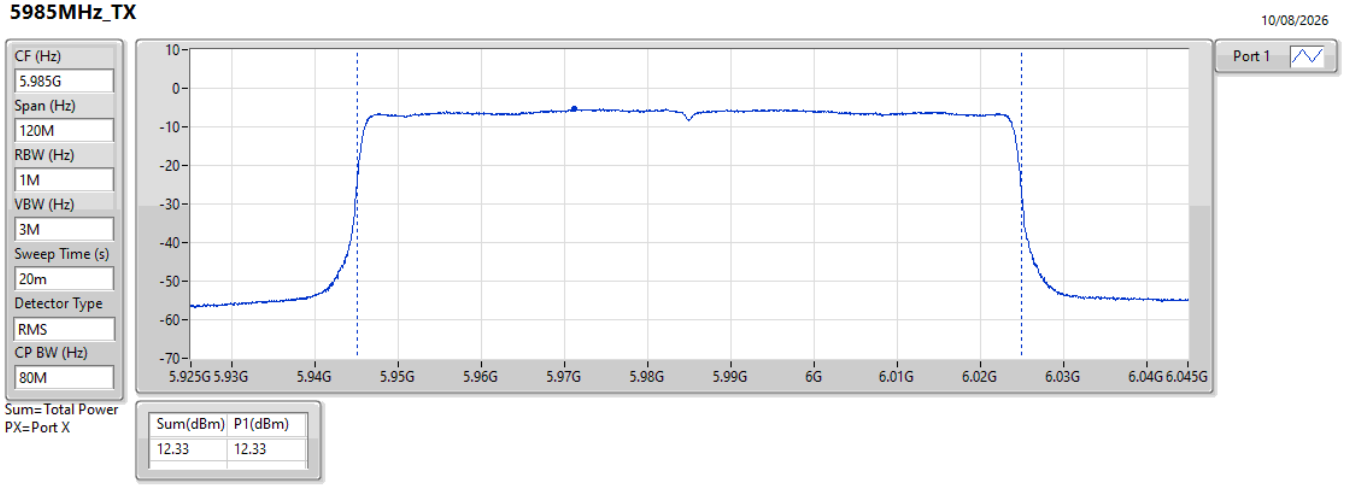


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

Frequency (MHz): 5985

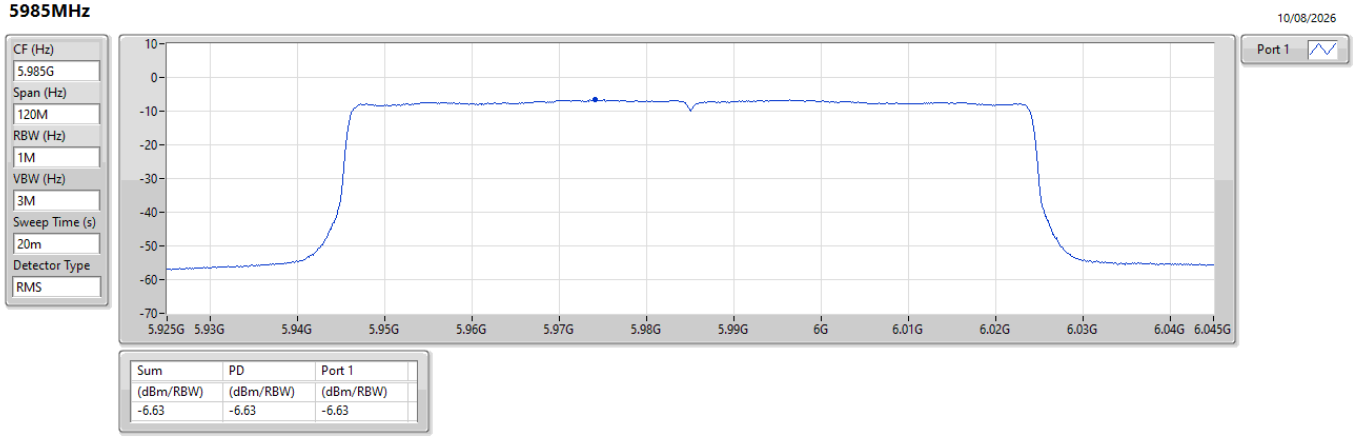
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX **AV Power**

5985MHz_TX



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

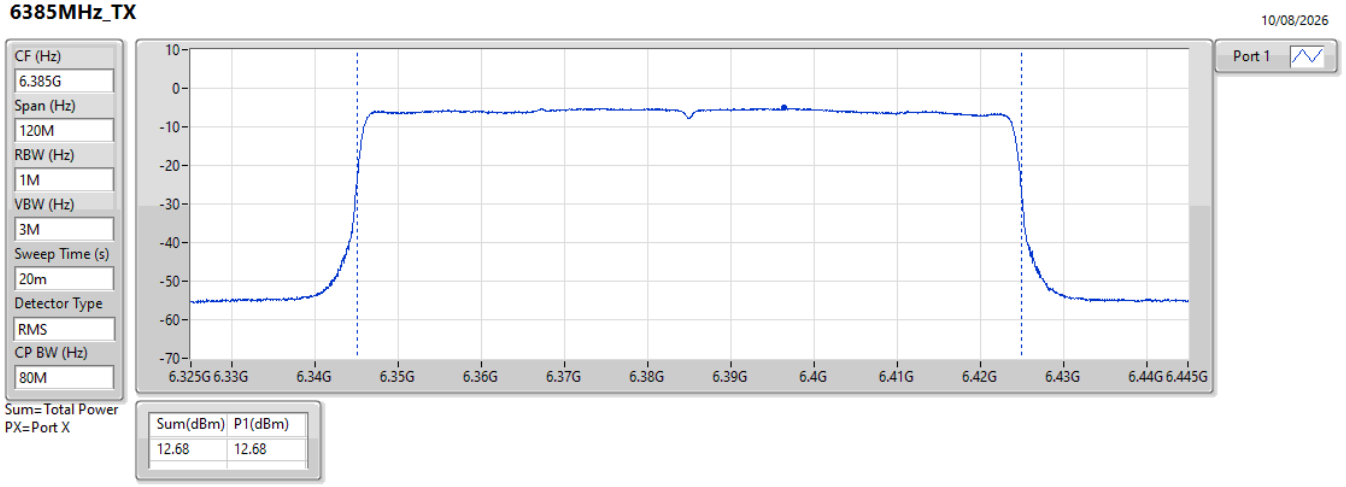
5985MHz



Frequency (MHz): 6385

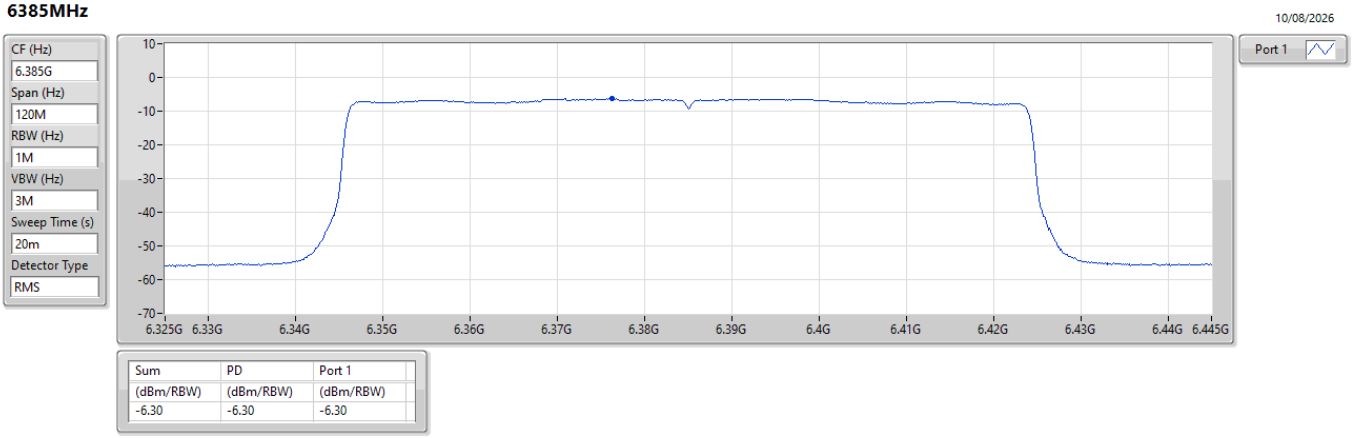
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX **AV Power**

6385MHz_TX



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

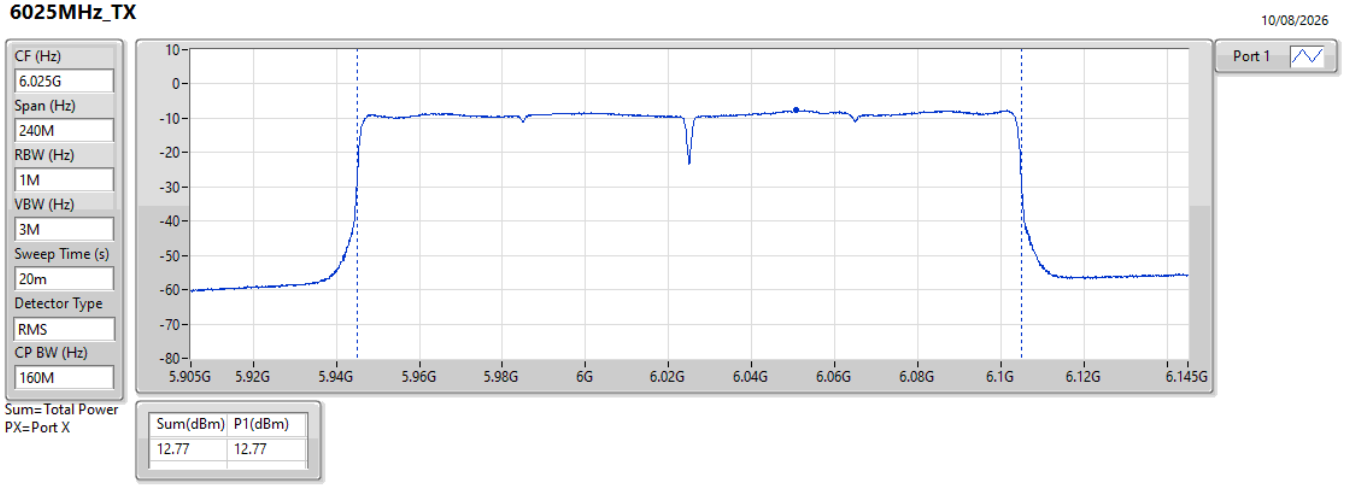
6385MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1
Frequency (MHz): 6025

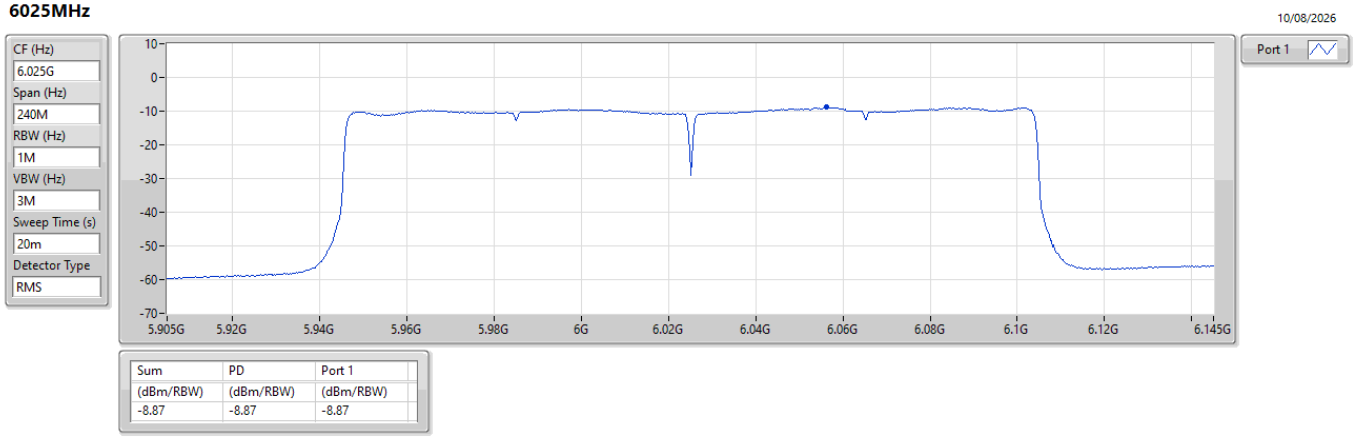
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **AV Power**

6025MHz_TX



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

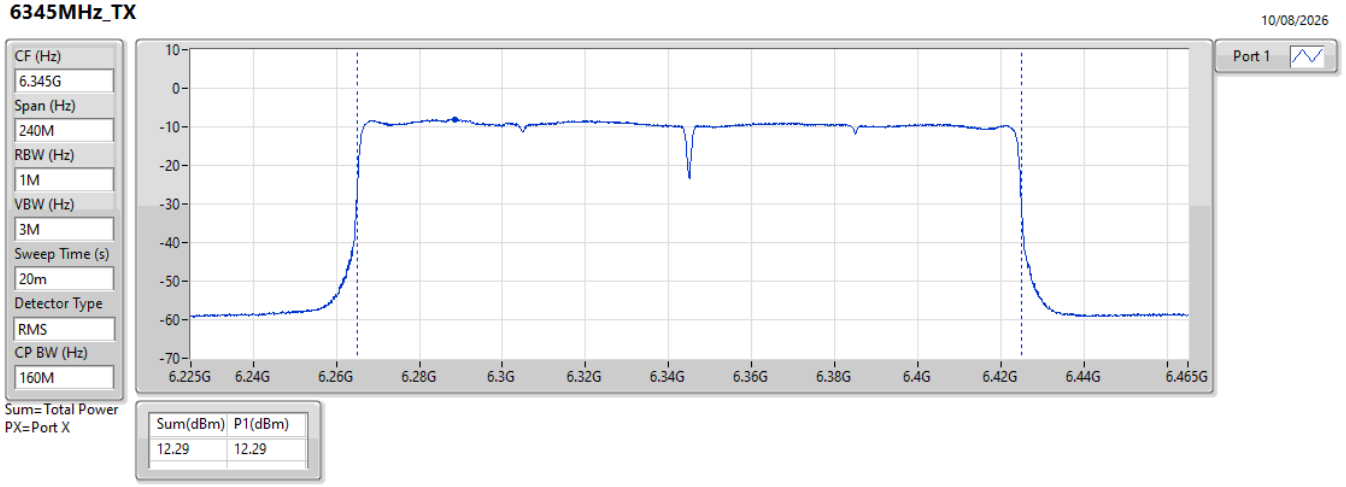
6025MHz



Frequency (MHz): 6345

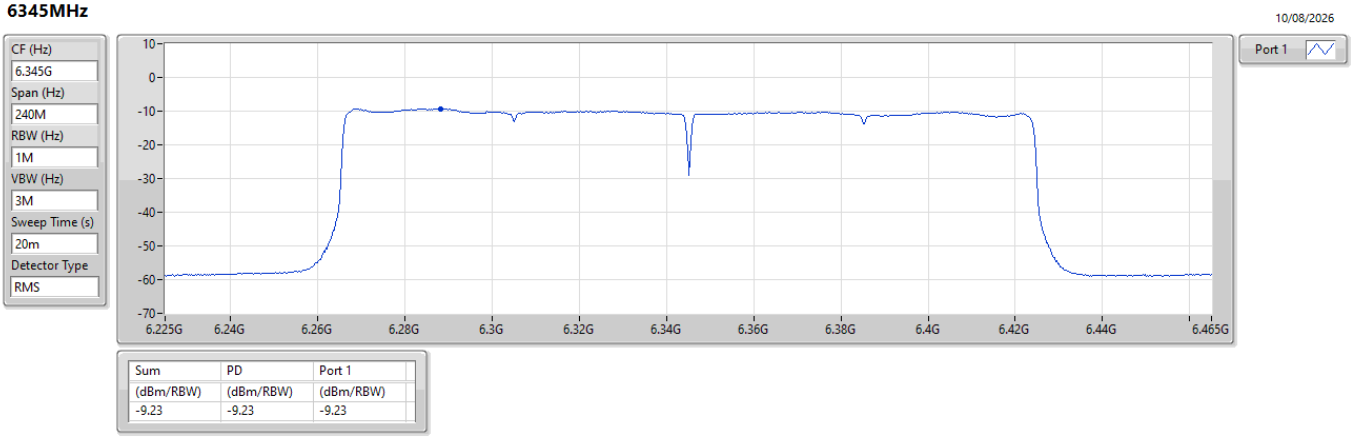
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **AV Power**

6345MHz_TX



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

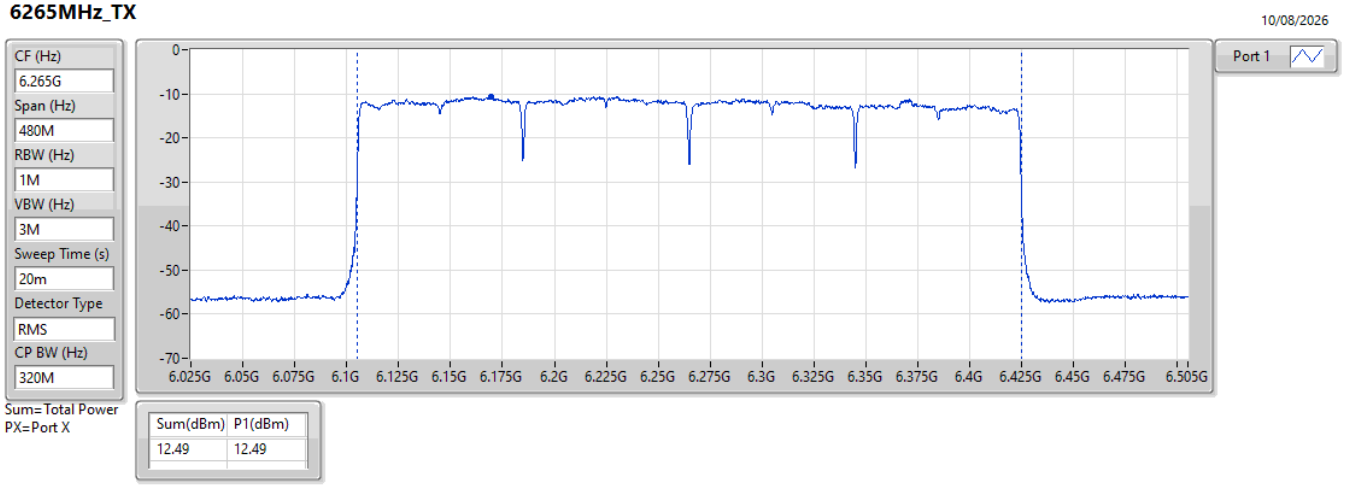
6345MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1
Bandwidth: 320MHz
Frequency (MHz): 6265

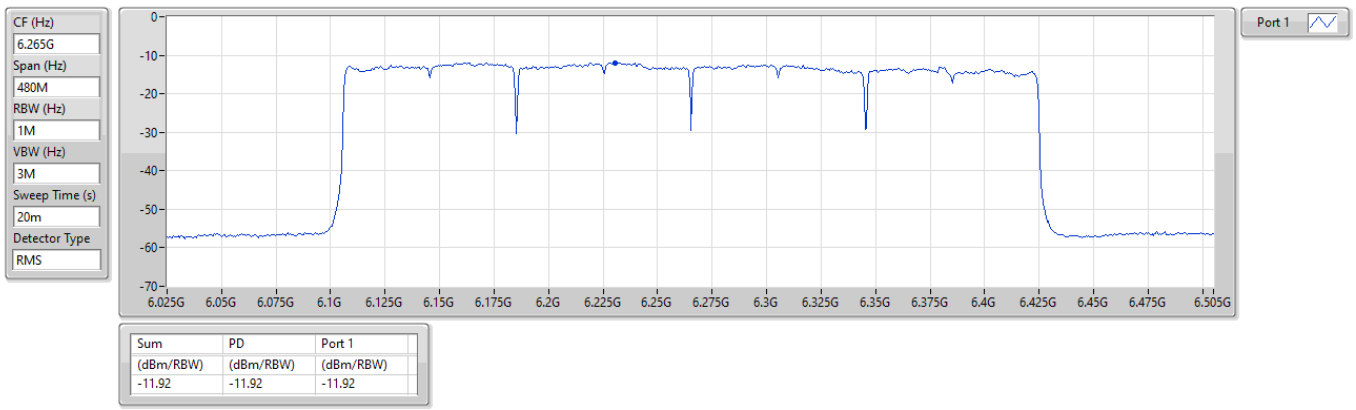
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6265MHz_TX



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

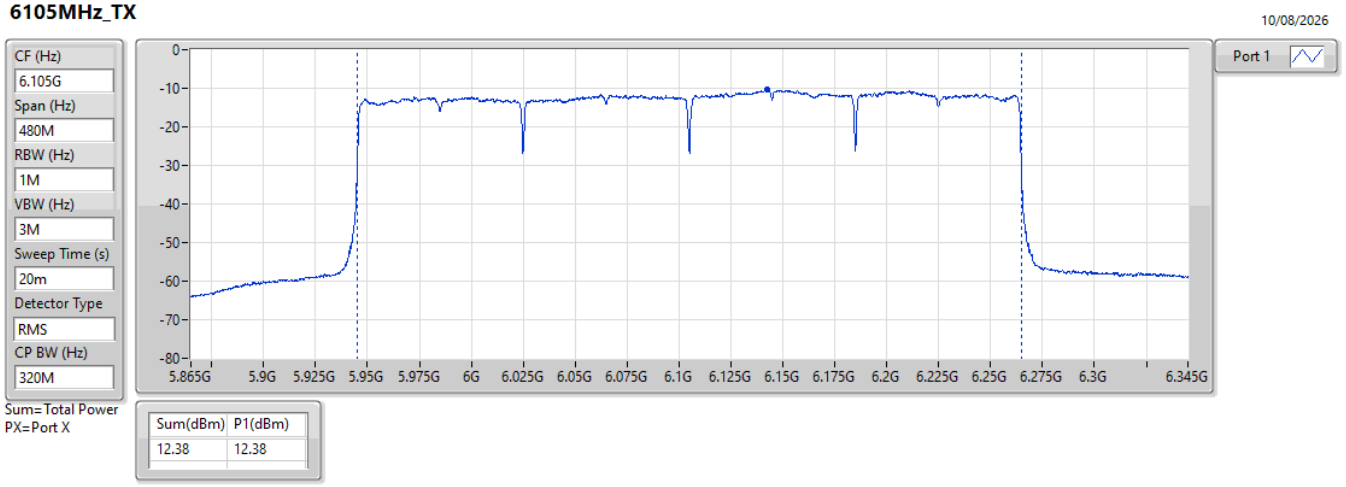
6265MHz



Frequency (MHz): 6105

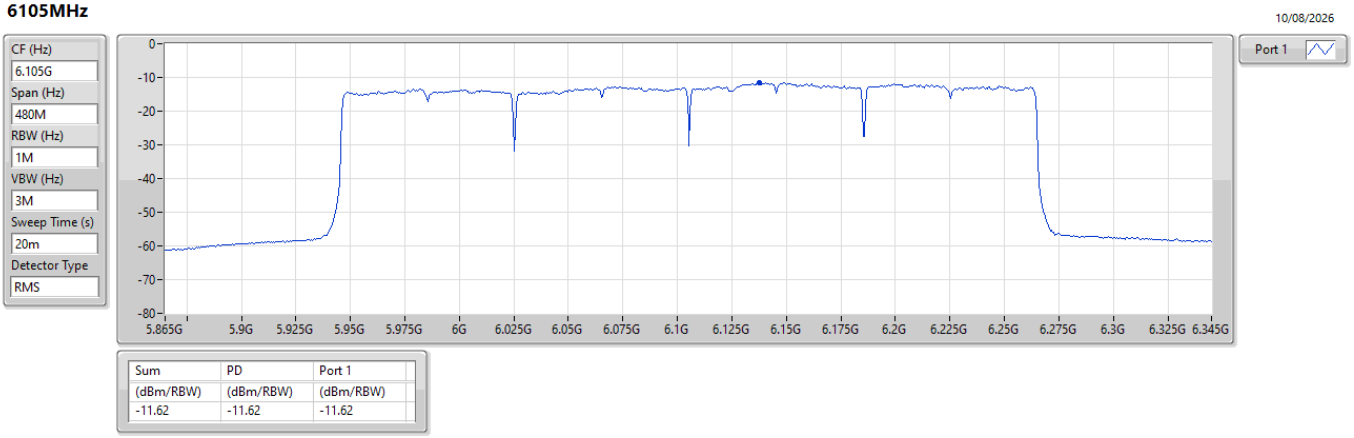
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6105MHz_TX



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

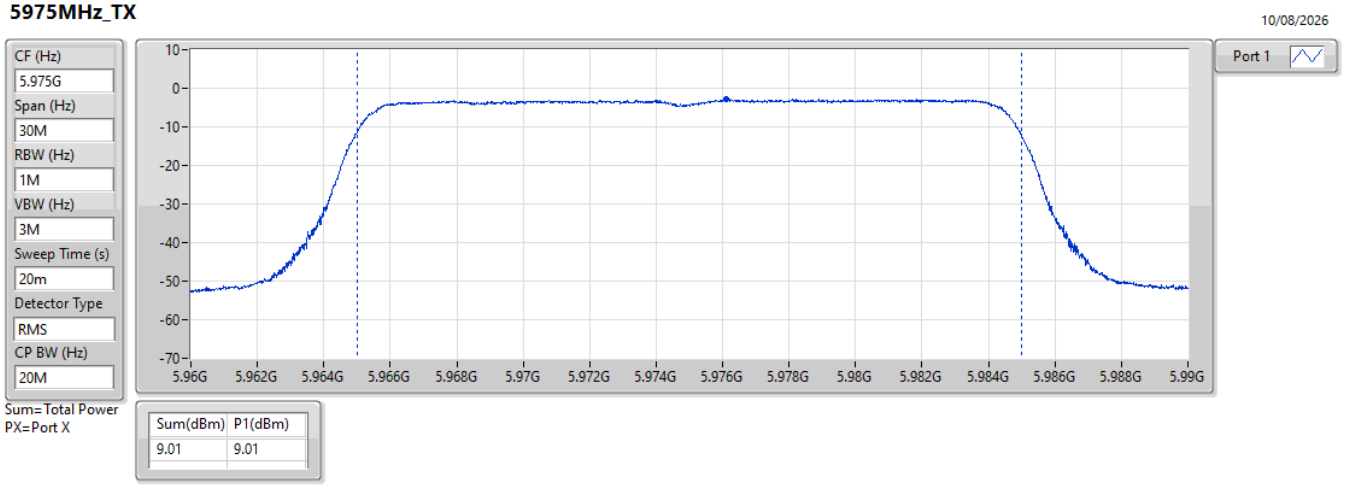
6105MHz



CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1
Bandwidth: 20MHz
Frequency (MHz): 5975

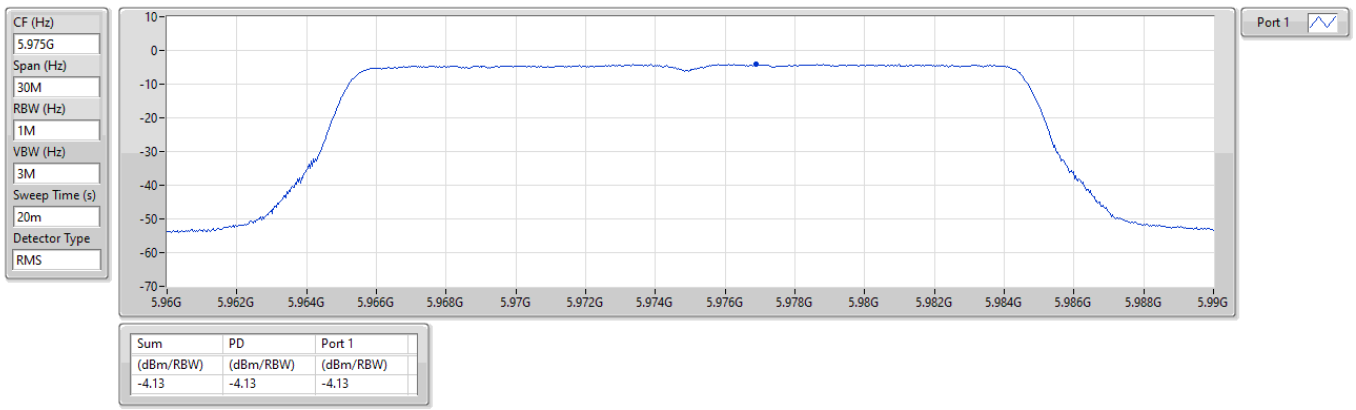
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



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

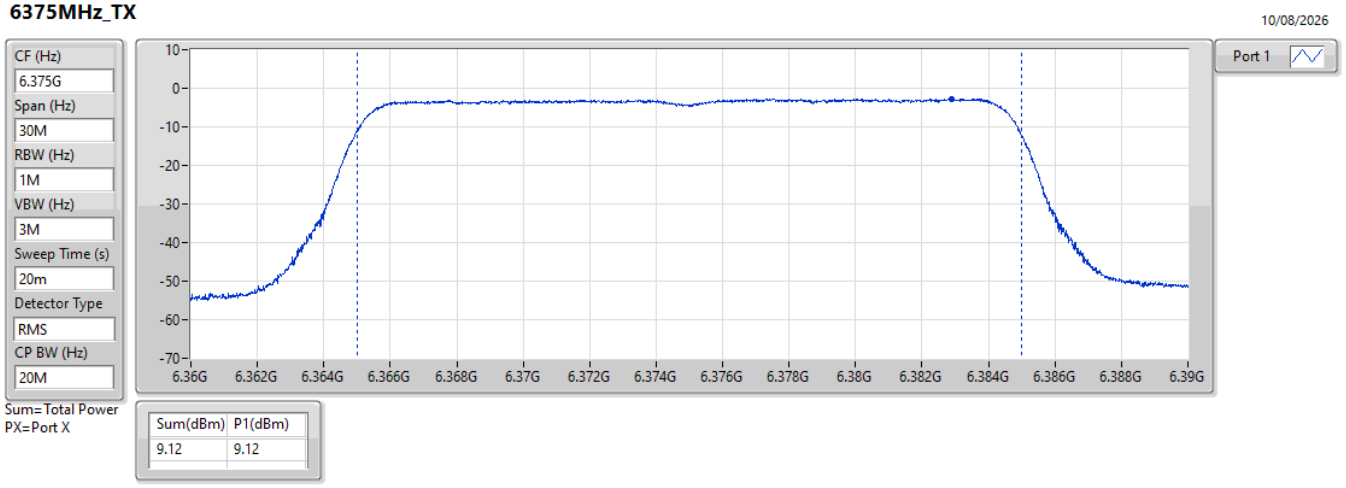
5975MHz



CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1
Bandwidth: 20MHz
Frequency (MHz): 6375

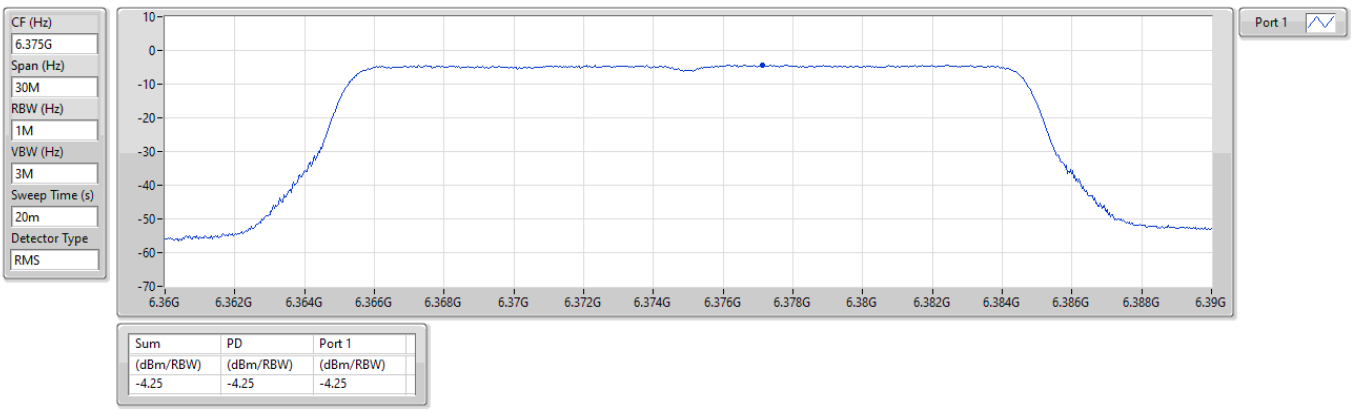
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6375MHz_TX



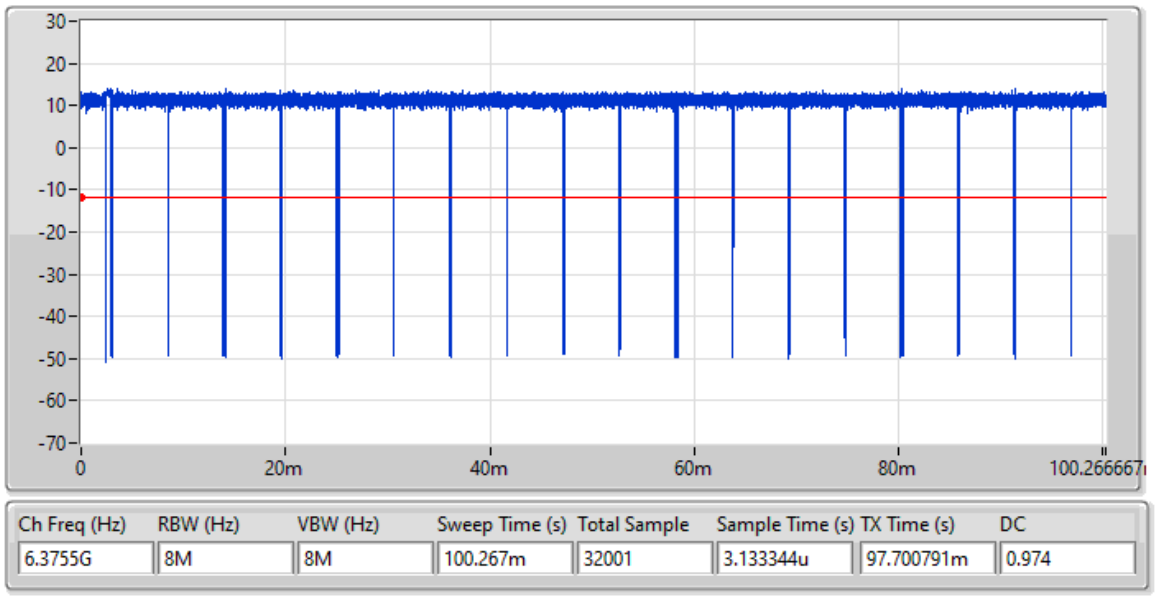
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

6375MHz



Duty Cycle
Bandwidth: 20MHz

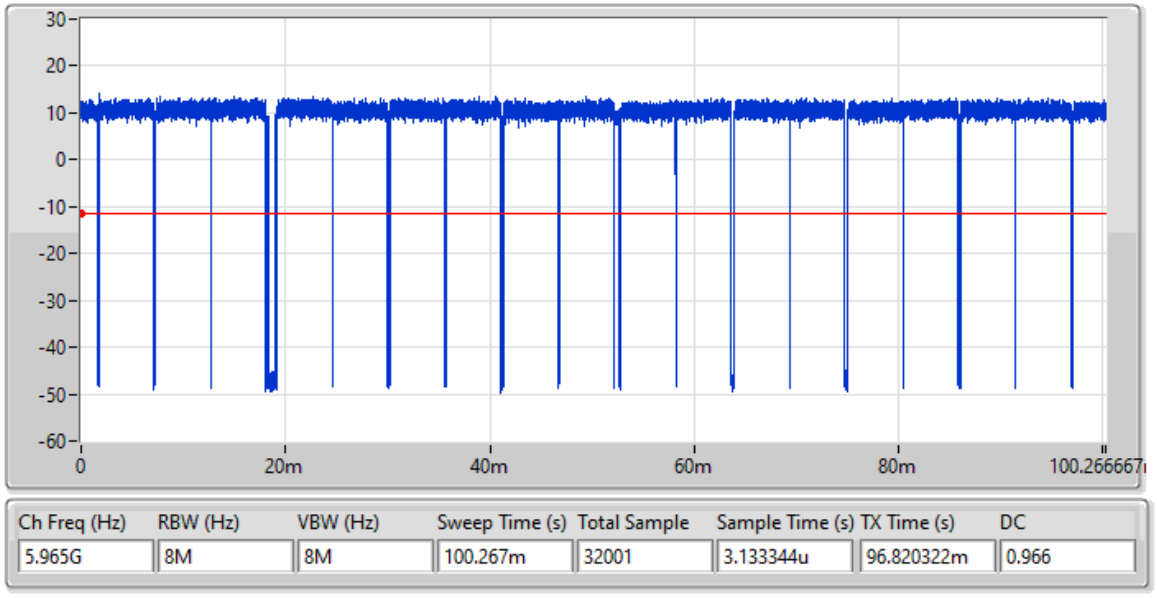
DC;be20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.3755G	8M	8M	100.267m	32001	3.133344u	97.700791m	0.974

Bandwidth: 40MHz

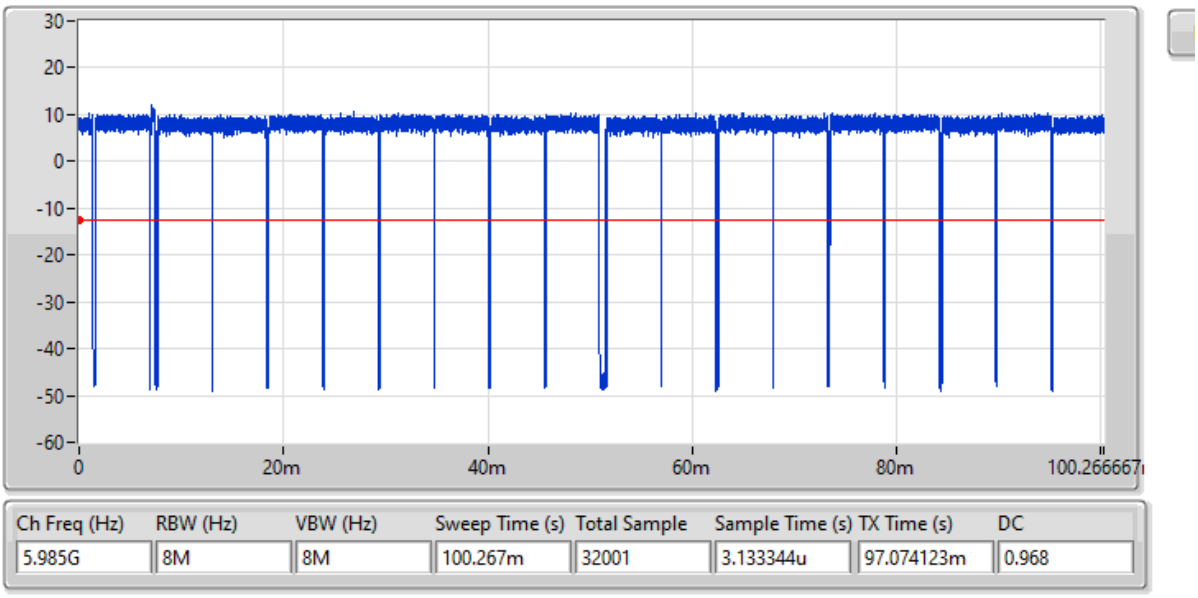
DC;be40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.965G	8M	8M	100.267m	32001	3.133344u	96.820322m	0.966

Bandwidth: 80MHz

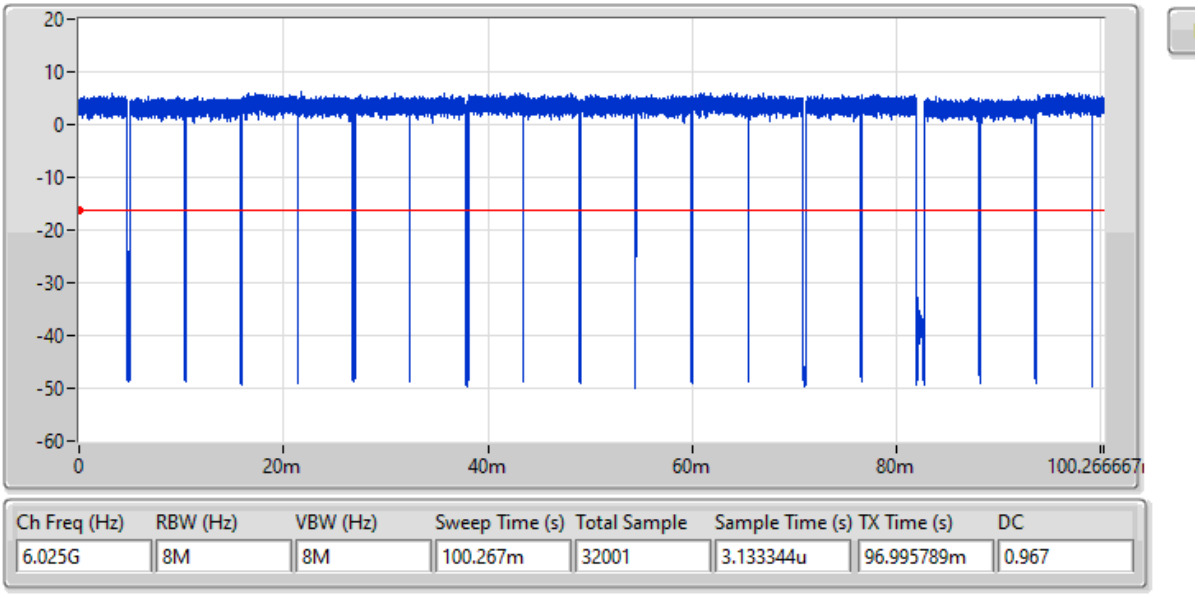
DC;be80;BWch:80



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
5.985G	8M	8M	100.267m	32001	3.133344u	97.074123m	0.968

Bandwidth: 160MHz

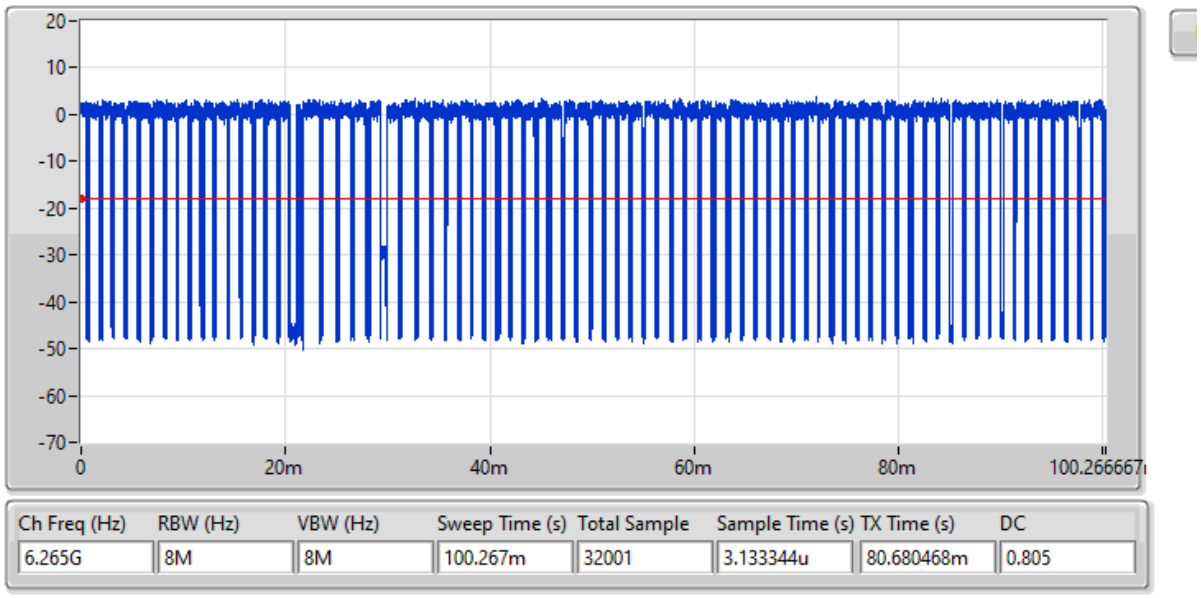
DC;be160;BWch:160



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.025G	8M	8M	100.267m	32001	3.133344u	96.995789m	0.967

Bandwidth: 320MHz

DC;be320;BWch:320



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.265G	8M	8M	100.267m	32001	3.133344u	80.680468m	0.805

———THE END———