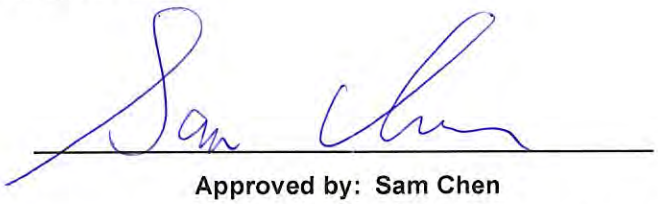
Testing Laboratory 3787

AFC DUT TEST HARNESS REPORT

FCC ID	:	MSQ-RTBE8H00
Equipment	:	ROG STRIX WiFi 7 Tri-Band Gaming Router
Brand Name	:	ASUS
Model Name	:	GS-BE18000, GS-BE12000
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Feb. 06, 2025, and testing was started from Mar. 12, 2025 and completed on Mar. 17, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in AFC Device (AFC DUT) Compliance Test Plan Version 1.7 and shown compliance with the applicable technical standards.

The test results in this 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
F3510722-02	01	Initial issue of report	Mar. 24, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Case Name	Result (PASS/FAIL)	Remark
AFC capability - Inquired Frequency Test Group: Inquired Frequency - Always				
-	3.1.4	CT_AFC_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 Power Adapter
EUT Type	☐ Standard Power Access Point with Proxy ☒ Standard Power Access Point without Proxy ☐ Fixed Client with Proxy ☐ Fixed Client without Proxy
Bandwidth (MHz)	20 / 40 / 80 / 160 / 320
Condition of EUT	☒ Indoor ☐ Outdoor
Professional Installation	☐ Yes ☒ No
Firmware Version	9.0.0.6.102_36497
Software Version	N/A
Hardware Version	N/A

Note: The above information was declared by manufacturer.

1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	6GHz					
1	1	1	-	LYNwave	MLX24X-121AA0-A	PCB Antenna	I-PEX	Note 1
2	2	2	-	LYNwave	MLX24X-121AA0-A	PCB Antenna	I-PEX	
3	-	-	4	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
4	-	-	2	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
5	-	3	-	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
6	-	4	-	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
7	-	-	1	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	
8		-	3	LYNwave	MLX24X-121AA0-A	Dipole Antenna	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
1	2.87	4.03	4.06	3.8	2.74	-	-	-	-
2	2.66	2.23	3.44	3.5	3.04	-	-	-	-
3	-	-	-	-	-	4.66	3.16	3.19	3.36
4	-	-	-	-	-	3.59	4.42	3.92	3.08
5	-	4.56	5.15	4.91	4.77	-	-	-	-
6	-	2.04	2.49	3.65	3.25	-	-	-	-
7	-	-	-	-	-	4.57	4.78	4.74	3.82
8	-	-	-	-	-	4.65	3.94	4.11	4.32

Item	Directional Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
2T1S	5.38	-	-	-	-	-	-	-	-
2T2S	2.87	-	-	-	-	-	-	-	-
4T1S	-	5.4	5.57	5.43	4.91	6.77	6.44	6.79	5.87
4T2S	-	4.56	5.15	4.91	4.77	4.66	4.78	4.74	4.32
4T4S	-	4.56	5.15	4.91	4.77	4.66	4.78	4.74	4.32

Note 2: Maximum Directional Gain following KDB662911 D03.

For WLAN 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX):

Port 1 and Port 2 can be use as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 5GHz function:

For IEEE 802.11n/ac/ax/be mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For WLAN 6GHz function:

For IEEE 802.11ax/be mode (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.3 Table for Multiple Listing

EUT	Equipment Name	Model Name	Description
1	ROG STRIX WiFi 7 Tri-Band Gaming Router	GS-BE18000	The housing processing technique uses spray painting.
2		GS-BE12000	The housing processing technique uses a textured finish

Note 1: From the above models, model: GS-BE18000 (EUT 1) was selected as representative model for the test and its data was recorded in this report.
Note 2: The above information was declared by manufacturer.

1.4 Table for EUT Support Function

Function	Supports Band
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note1: The USB port on this device supports both storage and WWAN functionality and EUT in WWAN mode, 2.5G WAN 8 ports will be fixed in LAN function.
Note2: 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: 510722
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding 6GHz UNII 5~8 for this device.	AFC DUT Test Harness
2. Adding UNII 2A and UNII 2C (5250~5350 MHz, 5470~5725 MHz) for this device. 3. Adding 160MHz in 5GHz for this device.	It doesn't influence this test report.

1.6 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	LEI	MU36D1120300-A1	INPUT: 100-240V ~ 50/60Hz, 1.0A OUTPUT: 12V, 3A
Others			
RJ-45 cable*1, shielded, 1.5m			

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	Intel	BE200NGW	PD9BE200NG

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

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

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

1.9 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	22.5~22.9 / 56~60	Mar. 12, 2025~ Mar. 17, 2025

2 Measurement Environment

Measurement Environment Information	
AFC DUT Test Harness version	2.0.65.184

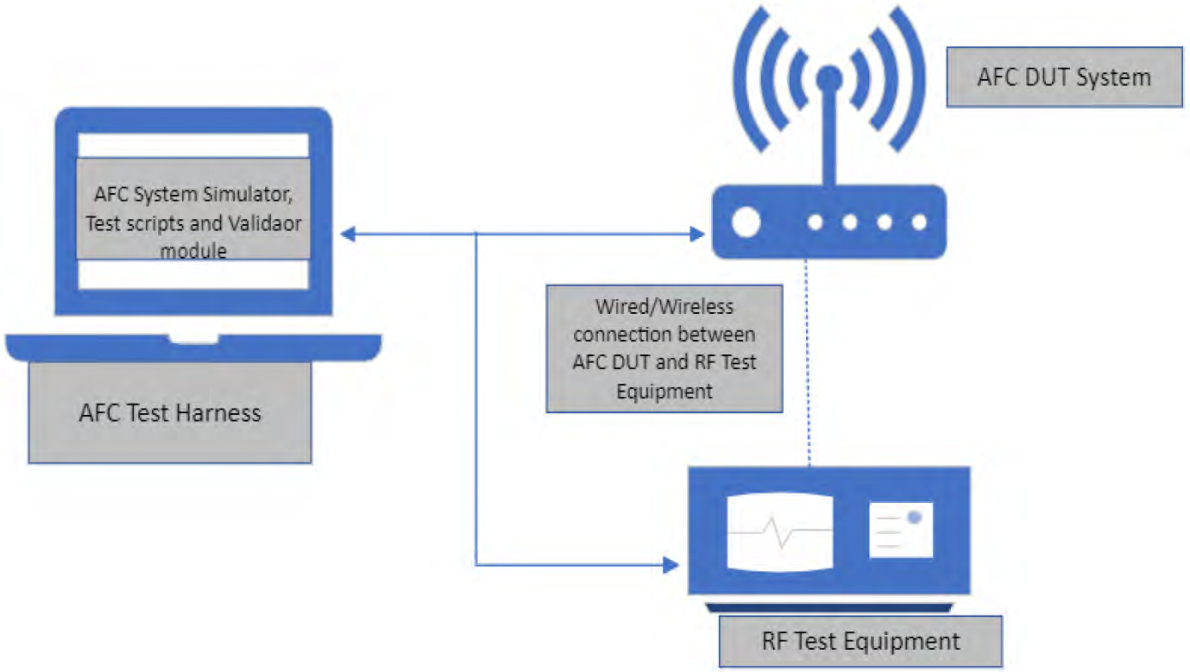
2.1 AFCD General Capabilities Declaration

Item	Question	Vendor Response
1	AFC DUT Type	Standalone AP
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?	N/A
11	Does the AFC DUT supports 320 MHz channel width operation?	Yes

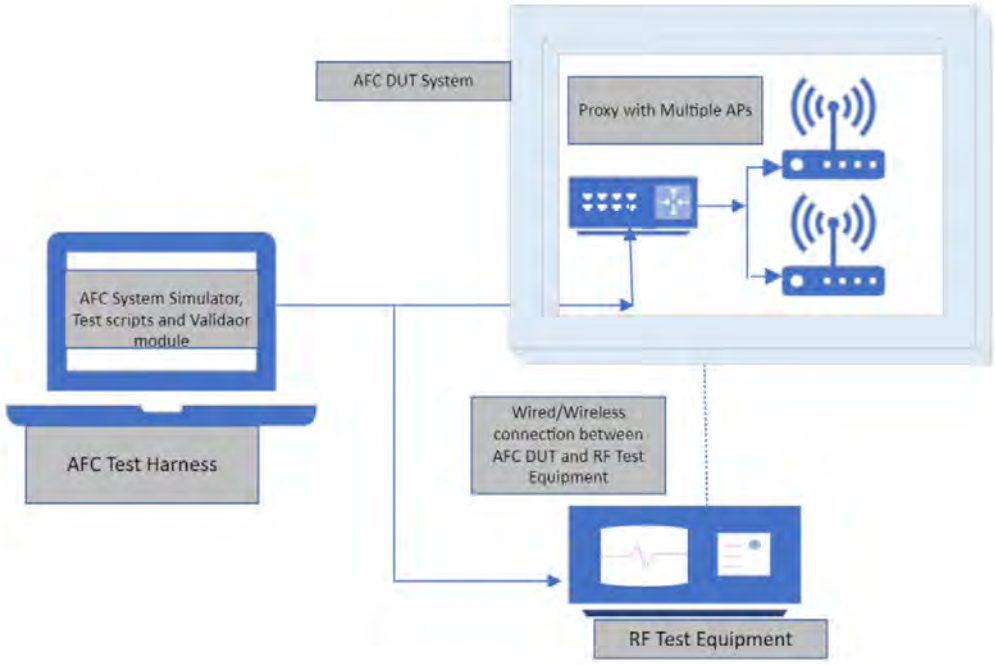
Note: The above information was declared by manufacturer.

2.2 Test Configuration

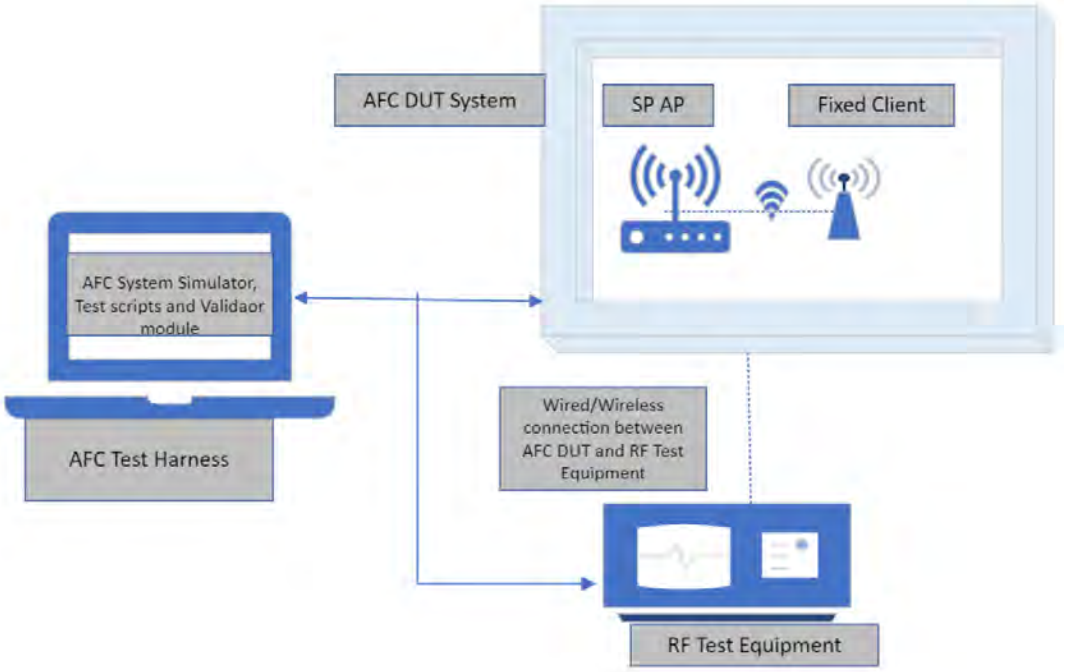
Standard Power Access Point Test Setup



Proxy representing one or more Standard Power Access Points Test Setup



Fixed Client Device Test Setup



3 Protocol Test Results

3.1 Successful Registration and Spectrum Access Request

3.1.1 Test Procedure

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

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

3.1.2 Test Result

Refer as Appendix A~C

3.2 Unsuccessful Spectrum Access Request

3.2.1 Test Procedure

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

3.2.2 Test Result

Refer as Appendix A~C

3.3 Successful Spectrum Access Update

3.3.1 Test Procedure

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

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

3.3.2 Test Result

Refer as Appendix A~C

3.4 Unsuccessful Spectrum Access Update

3.4.1 Test Procedure

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

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

3.4.2 Test Result

Refer as Appendix A~C

3.5 Unsuccessful Server Validation

3.5.1 Test Procedure

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

3.5.2 Test Result

Refer as Appendix A

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -11	2GHz ~ 8GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)

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

5 Measurement Uncertainty

Test Items	Uncertainty	Remark
Conducted Emission	3.1 dB	Confidence levels of 95%

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	ASUS
DUT Product Model	GS-BE18000

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 (10.1 dBm/MHz PSD, 35.2 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 (-1.3 dBm/MHz PSD, 23.8 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 5 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 (14.3 dBm/MHz PSD, 27.3 dBm EIRP) in Spectrum Reponse] 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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.4 dBm/MHz PSD, 31.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 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 (8.1 dBm/MHz PSD, 30.1 dBm EIRP) in Spectrum Reponse] on channel center frequency index 143 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_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 (9.4 dBm/MHz PSD, 28.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 55 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 (11.6 dBm/MHz PSD, 30.6 dBm EIRP) in Spectrum Reponse] on channel center frequency index 167 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 (14.3 dBm/MHz PSD, 30.3 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 (12.1 dBm/MHz PSD, 28.1 dBm EIRP) in Spectrum Reponse] on channel center frequency index 51 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 (8.5 dBm/MHz PSD, 21.5 dBm EIRP) in Spectrum Reponse] on channel 69 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_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 (16.3 dBm/MHz PSD, 29.3 dBm EIRP) in Spectrum Reponse] on channel 5 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

############################## 2025-03-12T03:03:55Z ##############################


```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067363",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
```

```
        },
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
```

61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,

```
                209,
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
```

```
            203,
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
```

```
                        {
                            "globalOperatingClass": 137,
                            "channelCfi": [
                                31,
                                63,
                                95,
                                127,
                                159,
                                191
                            ]
                        }
                    ],
                    "minDesiredPower": 24
                }
            ]
        }
}

############################## 2025-03-12T03:03:55Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6285,
                        "lowFrequency": 6265
                    },
                    "maxPsd": 21.5
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6305,
```

```
            "lowFrequency": 6285
        },
        "maxPsd": 8.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 11.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 14.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
```

```
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 17.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 20.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 17.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
        "maxPsd": 18.3
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6765,
                "lowFrequency": 6745
            },
            "maxPsd": 8.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 10.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 12.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 21.7
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                65,
                69,
                73,
                77,
                81,
```

```
            85,
            89,
            93,
            129,
            133,
            137,
            141,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.5,
            21.5,
            24.7,
            26.7,
            24.4,
            27.7,
            22.5,
            34.8,
            30.8,
            33.8,
            30.2,
            31.3,
            21.1,
            23.3,
            25.6,
            34.7
        ]
    },
    {
        "channelCfi": [
            67,
            75,
            83,
```

```
            91,
            131,
            139,
            163,
            171
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            24.5,
            27.7,
            27.4,
            25.5,
            33.8,
            33.2,
            24.1,
            28.6
        ]
    },
    {
        "channelCfi": [
            71,
            87,
            135,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.5,
            28.5,
            36.0,
            27.1
        ]
    },
    {
        "channelCfi": [
            79
        ],
```

```
                        "globalOperatingClass": 134,
                        "maxEirp": [
                            30.5
                        ]
                    }
                ],
                "requestId": "1704067363",
                "availabilityExpireTime": "2025-03-13T03:03:55Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################## 2025-03-12T03:06:56Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067364",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
```

```
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -73.97434,
                "latitude": 40.75924
            },
            "majorAxis": 100,
            "minorAxis": 50,
            "orientation": 45
        },
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
```

13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,

```
                161,
                165,
                169,
                173,
                177,
                181,
                185,
                189,
                193,
                197,
                201,
                205,
                209,
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
```

```
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
```

```
                    {
                        "globalOperatingClass": 134,
                        "channelCfi": [
                            15,
                            47,
                            79,
                            111,
                            143,
                            175,
                            207
                        ]
                    },
                    {
                        "globalOperatingClass": 137,
                        "channelCfi": [
                            31,
                            63,
                            95,
                            127,
                            159,
                            191
                        ]
                    }
                ],
                "minDesiredPower": 24
            }
        ]
    }
}

############################## 2025-03-12T03:06:56Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

```
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 16.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 20.5
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 21.5
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 20.2
},
{
    "frequencyRange": {
```

```
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 15.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 22.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 20.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 21.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 17.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
```

```
            },
            "maxPsd": 11.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6685,
                "lowFrequency": 6665
            },
            "maxPsd": 9.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 21.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 20.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 12.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
```

```
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            23.9,
            29.3,
            29.7,
            24.0,
            33.5,
            34.5,
            21.7,
            28.1,
            29.2,
            33.2,
            28.5,
            35.0,
            33.5,
            34.8,
            30.4,
            24.7,
```

```
                22.2,
                34.3,
                33.9,
                25.6
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                26.9,
                27.0,
                36.0,
                24.7,
                32.2,
                31.5,
                36.0,
                27.7,
                25.2,
                28.6
            ]
        },
        {
            "channelCfi": [
                7,
                23,
```

```
                39,
                55,
                151
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                29.9,
                27.7,
                34.5,
                30.7,
                28.2
            ]
        },
        {
            "channelCfi": [
                15,
                47
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.7,
                33.7
            ]
        },
        {
            "channelCfi": [
                31
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                33.8
            ]
        }
    ],
    "requestId": "1704067364",
    "availabilityExpireTime": "2025-03-13T03:06:56Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1


```
############################## 2025-03-12T03:11:41Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067365",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
            213,
            217,
            221,
            225,
            229,
            233
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            99,
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

############################## 2025-03-12T03:11:41Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 13.2
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
```

```
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 12.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 20.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 18.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 11.8
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 15.6
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 9.3
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 19.8
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6685,
                "lowFrequency": 6665
            },
            "maxPsd": 14.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 16.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 18.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 14.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
```

```
            25,
            29,
            65,
            69,
            73,
            77,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            26.2,
            25.7,
            34.2,
            25.0,
            33.7,
            31.0,
            24.8,
            21.7,
            25.4,
            28.6,
            22.3,
            32.8,
            27.3,
            29.1,
            31.6,
            27.0
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
```

```
            67,
            75,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.7,
            28.0,
            34.0,
            24.7,
            28.4,
            25.3,
            30.3,
            30.0
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            71,
            151
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            31.0,
            27.7,
            28.3,
            33.0
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
```

```
                        "maxEirp": [
                            30.7
                        ]
                    }
                ],
                "requestId": "1704067365",
                "availabilityExpireTime": "2025-03-13T03:11:41Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################## 2025-03-12T03:15:51Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067366",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
```

```
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -73.97434,
                "latitude": 40.75924
            },
            "majorAxis": 100,
            "minorAxis": 50,
            "orientation": 45
        },
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
```

17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
                165,
                169,
                173,
                177,
                181,
                185,
                189,
                193,
                197,
                201,
                205,
                209,
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
```

```
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                103,
                119,
                135,
                151,
                167,
                183,
                199,
                215
            ]
        },
        {
```

```
                    "globalOperatingClass": 134,
                    "channelCfi": [
                        15,
                        47,
                        79,
                        111,
                        143,
                        175,
                        207
                    ]
                },
                {
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

############################## 2025-03-12T03:15:51Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
```

```
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 20.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 17.1
    },
    {
```

```
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 20.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 19.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
```

```
            "lowFrequency": 6385
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 11.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 17.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 10.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
```

```
            "maxPsd": 13.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6765,
                "lowFrequency": 6745
            },
            "maxPsd": 9.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 15.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 11.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 21.6
        }
    ],
    "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": [
            31.2,
            33.0,
            22.9,
            26.7,
            30.1,
            25.1,
            23.0,
            29.5,
            33.6,
            32.4,
            28.1,
            28.2,
            24.8,
            30.7,
            23.2,
            26.1,
            22.9,
```

```
                28.0,
                24.2,
                34.6
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                83,
                91,
                131,
                139,
                163,
                171
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                34.2,
                25.9,
                28.1,
                26.0,
                35.4,
                31.1,
                27.8,
                26.2,
                25.9,
                27.2
            ]
        },
        {
            "channelCfi": [
                39,
                55,
                87,
```

```
                    135,
                    167
                ],
                "globalOperatingClass": 133,
                "maxEirp": [
                    28.9,
                    29.0,
                    34.1,
                    29.2,
                    28.9
                ]
            },
            {
                "channelCfi": [
                    47
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    31.9
                ]
            }
        ],
        "requestId": "1704067366",
        "availabilityExpireTime": "2025-03-13T03:15:51Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1


```
############################## 2025-03-12T03:21:02Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067367",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
            213,
            217,
            221,
            225,
            229,
            233
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            99,
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
}
}

############################## 2025-03-12T03:21:02Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6205,
                        "lowFrequency": 6185
                    },
                    "maxPsd": 13.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6225,
                        "lowFrequency": 6205
```

```
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 9.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 16.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 18.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 21.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 14.1
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 19.0
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6685,
                "lowFrequency": 6665
            },
            "maxPsd": 16.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 10.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 10.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 15.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                49,
                53,
                57,
                61,
                81,
                85,
```

```
            89,
            93,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            26.1,
            26.0,
            32.7,
            22.4,
            22.3,
            29.1,
            31.1,
            34.3,
            27.1,
            23.5,
            24.6,
            32.0,
            29.2,
            23.0,
            23.3,
            28.1
        ]
    },
    {
        "channelCfi": [
            51,
            59,
            83,
            91,
```

```
            131,
            139,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            29.0,
            25.4,
            25.3,
            34.1,
            26.5,
            27.6,
            26.0,
            26.3
        ]
    },
    {
        "channelCfi": [
            55,
            87,
            135,
            151
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            28.4,
            28.3,
            29.5,
            29.0
        ]
    },
    {
        "channelCfi": [
            143
        ],
        "globalOperatingClass": 134,
```

```
                        "maxEirp": [
                            32.0
                        ]
                    }
                ],
                "requestId": "1704067367",
                "availabilityExpireTime": "2025-03-13T03:21:02Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################## 2025-03-12T03:23:55Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067368",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
```

```
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -73.97434,
                "latitude": 40.75924
            },
            "majorAxis": 100,
            "minorAxis": 50,
            "orientation": 45
        },
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
```

17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,

```
                165,
                169,
                173,
                177,
                181,
                185,
                189,
                193,
                197,
                201,
                205,
                209,
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
```

```
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                103,
                119,
                135,
                151,
                167,
                183,
                199,
                215
            ]
        },
        {
```

```
                    "globalOperatingClass": 134,
                    "channelCfi": [
                        15,
                        47,
                        79,
                        111,
                        143,
                        175,
                        207
                    ]
                },
                {
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

############################## 2025-03-12T03:23:55Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
```

```
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
        },
        "maxPsd": 12.3
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 9.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 14.0
    },
    {
```

```
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 19.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 13.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
```

```
            "lowFrequency": 6145
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 10.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 21.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 16.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
```

```
            "maxPsd": 9.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6765,
                "lowFrequency": 6745
            },
            "maxPsd": 12.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 12.5
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 13.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 11.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
```

```
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            65,
            69,
            73,
            77,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            25.3,
            22.8,
            30.1,
            26.3,
            27.0,
            32.4,
            23.9,
            26.2,
            24.9,
            24.9,
            21.4,
            23.0,
            34.4,
            27.2,
            29.4,
            22.8,
            25.0,
```

```
                25.5,
                26.4,
                24.6
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                67,
                75,
                163,
                171
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                25.8,
                29.3,
                30.0,
                26.9,
                27.9,
                24.4,
                30.2,
                25.8,
                28.0,
                27.6
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
```

```
                    71,
                    167
                ],
                "globalOperatingClass": 133,
                "maxEirp": [
                    28.8,
                    29.9,
                    27.4,
                    28.8,
                    30.6
                ]
            },
            {
                "channelCfi": [
                    15
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    31.8
                ]
            }
        ],
        "requestId": "1704067368",
        "availabilityExpireTime": "2025-03-13T03:23:55Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1


```
############################## 2025-03-12T03:30:37Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067369",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
            213,
            217,
            221,
            225,
            229,
            233
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            99,
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

##############################    2025-03-12T03:30:37Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 21.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
```

```
        },
        "maxPsd": 17.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 17.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 15.5
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 12.8
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 21.9
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 20.5
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6365,
                "lowFrequency": 6345
            },
            "maxPsd": 18.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 12.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 8.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 13.1
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
```

```
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            34.8,
            30.1,
            25.8,
            30.3,
            22.4,
            23.1,
            28.5,
            25.8,
            21.4,
            21.7,
            34.9,
            33.5,
            31.4,
            25.2,
            21.0,
            26.1
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
```

```
            67,
            75,
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            33.1,
            28.8,
            25.4,
            28.8,
            24.4,
            36.0,
            28.2,
            24.0
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            31.8,
            28.4,
            27.4,
            27.0
        ]
    },
    {
        "channelCfi": [
            47,
            79
        ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        31.4,
                        30.0
                    ]
                },
                {
                    "channelCfi": [
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        33.1
                    ]
                }
            ],
            "requestId": "1704067369",
            "availabilityExpireTime": "2025-03-13T03:30:37Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2025-03-12T03:34:45Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
    {
        "requestId": "1704067370",
        "deviceDescriptor": {
            "serialNumber": "JD4100C6E2",
            "certificationId": [
                {
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                    "id": "MSQ-RTBE8H00"
                }
            ]
        },
        "location": {
            "ellipse": {
                "center": {
                    "longitude": -73.97434,
                    "latitude": 40.75924
                },
                "majorAxis": 100,
                "minorAxis": 50,
                "orientation": 45
            },
            "elevation": {
                "height": 3,
                "heightType": "AGL",
                "verticalUncertainty": 2
            },
            "indoorDeployment": 2
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
```

```
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                97,
                101,
                105,
                109,
                113,
                117,
```

```
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181,
                185,
                189,
                193,
                197,
                201,
                205,
                209,
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
```

```
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
```

```
                103,
                119,
                135,
                151,
                167,
                183,
                199,
                215
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                111,
                143,
                175,
                207
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63,
                95,
                127,
                159,
                191
            ]
        }
    ],
    "minDesiredPower": 24
}
]
```

```
    }
}

############################## 2025-03-12T03:34:45Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 13.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 20.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 16.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
```

```
        },
        "maxPsd": 11.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 11.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 18.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 14.9
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 8.1
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 18.7
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 15.9
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 16.8
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                26.8,
```

```
                33.8,
                29.3,
                24.3,
                26.3,
                31.9,
                23.1,
                24.6,
                31.1,
                27.9,
                21.1,
                29.4,
                23.0,
                31.7,
                28.9,
                29.8
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                131,
                139,
                147,
                155
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                29.8,
                27.3,
                29.3,
                26.1,
                30.9,
                24.1,
                26.0,
```

```
                        31.9
                    ]
                },
                {
                    "channelCfi": [
                        7,
                        23,
                        135,
                        151
                    ],
                    "globalOperatingClass": 133,
                    "maxEirp": [
                        30.3,
                        29.1,
                        27.1,
                        29.0
                    ]
                },
                {
                    "channelCfi": [
                        15,
                        143
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        32.1,
                        30.1
                    ]
                }
            ],
            "requestId": "1704067370",
            "availabilityExpireTime": "2025-03-13T03:34:45Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1


```
############################## 2025-03-12T06:06:57Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067723",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
            213,
            217,
            221,
            225,
            229,
            233
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            99,
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

############################## 2025-03-12T06:06:57Z ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "1704067723",
      "availabilityExpireTime": "2025-03-13T06:06:57Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

############################## 2025-03-12T06:08:08Z ##############################
{
```

```
"headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.100.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1453",
    "Connection": "Keep-Alive"
},
"body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "1704067724",
            "deviceDescriptor": {
                "serialNumber": "JD4100C6E2",
                "certificationId": [
                    {
                        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                        "id": "MSQ-RTBE8H00"
                    }
                ]
            },
            "location": {
                "ellipse": {
                    "center": {
                        "longitude": -73.97434,
                        "latitude": 40.75924
                    },
                    "majorAxis": 100,
                    "minorAxis": 50,
                    "orientation": 45
                },
                "elevation": {
                    "height": 3,
                    "heightType": "AGL",
```

```
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
```

77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,

```
            225,
            229,
            233
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            99,
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
            211,
            219,
            227
```

```
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
        "globalOperatingClass": 137,
        "channelCfi": [
            31,
```

```
                                63,
                                95,
                                127,
                                159,
                                191
                            ]
                        }
                    ],
                    "minDesiredPower": 24
                }
            ]
        }
}

##############################    2025-03-12T06:08:09Z    ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "1704067724",
            "availabilityExpireTime": "2025-03-13T06:08:09Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1


```
############################## 2025-03-12T06:16:03Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067725",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

##############################  2025-03-12T06:16:03Z  ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 18.6
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
```

```
        },
        "maxPsd": 14.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 14.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 20.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 15.2
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 9.9
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 15.0
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 16.0
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6765,
                "lowFrequency": 6745
            },
            "maxPsd": 15.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6785,
                "lowFrequency": 6765
            },
            "maxPsd": 17.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6805,
                "lowFrequency": 6785
            },
            "maxPsd": 17.2
        },
        {
            "frequencyRange": {
                "highFrequency": 6825,
                "lowFrequency": 6805
            },
            "maxPsd": 19.6
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
```

```
            25,
            29,
            65,
            69,
            73,
            77,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            31.6,
            27.3,
            27.5,
            33.1,
            32.2,
            25.7,
            28.2,
            29.4,
            23.9,
            22.9,
            28.0,
            29.0,
            28.8,
            30.3,
            30.2,
            32.6
        ]
    },
    {
        "channelCfi": [
            3,
            11,
            19,
            27,
```

```
            67,
            75,
            163,
            171
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            30.3,
            30.5,
            28.7,
            31.2,
            25.9,
            31.0,
            31.8,
            33.2
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            71,
            167
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            33.3,
            31.7,
            28.9,
            34.8
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
```

```
                        "maxEirp": [
                            34.7
                        ]
                    }
                ],
                "requestId": "1704067725",
                "availabilityExpireTime": "2025-03-13T06:16:03Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1


```
############################## 2025-03-12T06:27:56Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067726",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
            213,
            217,
            221,
            225,
            229,
            233
        ]
    },
    {
        "globalOperatingClass": 132,
        "channelCfi": [
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            67,
            75,
            83,
            91,
            99,
            107,
            115,
            123,
            131,
            139,
            147,
            155,
            163,
            171,
            179,
            187,
            195,
            203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

##############################    2025-03-12T06:27:56Z    ##############################
{
  "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
    },
    {
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            "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,
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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
                ]
            }
        ],
        "requestId": "1704067726",
        "availabilityExpireTime": "2025-03-13T06:27:56Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1


```
############################## 2025-03-12T07:41:05Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067306",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -73.97434,
                            "latitude": 40.75924
                        },
                        "majorAxis": 100,
                        "minorAxis": 50,
                        "orientation": 45
                    },
```

```
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

```
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
```

```
            211,
            219,
            227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
```

```
                    "globalOperatingClass": 137,
                    "channelCfi": [
                        31,
                        63,
                        95,
                        127,
                        159,
                        191
                    ]
                }
            ],
            "minDesiredPower": 24
        }
    ]
  }
}

##############################    2025-03-12T07:41:06Z    ##############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 15.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
```

```
        },
        "maxPsd": 15.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 18.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 16.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.1
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 13.3
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 11.8
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 13.9
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6365,
                "lowFrequency": 6345
            },
            "maxPsd": 12.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 14.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 16.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 12.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
```

```
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            28.4,
            28.6,
            31.3,
            29.2,
            28.1,
            26.4,
            23.1,
            26.3,
            30.0,
            24.8,
            23.4,
            26.9,
            25.0,
            27.4,
            29.6,
            25.0
        ]
    },
    {
        "channelCfi": [
            35,
            43,
            51,
            59,
```

```
            67,
            75,
            83,
            91
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            31.4,
            32.2,
            29.4,
            26.1,
            27.8,
            26.4,
            28.0,
            28.0
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            34.4,
            29.1,
            29.4,
            31.0
        ]
    },
    {
        "channelCfi": [
            47,
            79
        ],
```

```
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        32.1,
                        32.4
                    ]
                },
                {
                    "channelCfi": [
                        63
                    ],
                    "globalOperatingClass": 137,
                    "maxEirp": [
                        35.2
                    ]
                }
            ],
            "requestId": "1704067306",
            "availabilityExpireTime": "2025-03-13T07:41:06Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

############################## 2025-03-12T07:41:19Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
    {
        "requestId": "1704067307",
        "deviceDescriptor": {
            "serialNumber": "JD4100C6E2",
            "certificationId": [
                {
                    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                    "id": "MSQ-RTBE8H00"
                }
            ]
        },
        "location": {
            "ellipse": {
                "center": {
                    "longitude": -73.97434,
                    "latitude": 40.75924
                },
                "majorAxis": 100,
                "minorAxis": 50,
                "orientation": 45
            },
            "elevation": {
                "height": 3,
                "heightType": "AGL",
                "verticalUncertainty": 2
            },
            "indoorDeployment": 2
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
```

```
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                97,
                101,
                105,
                109,
                113,
                117,
```

```
                121,
                125,
                129,
                133,
                137,
                141,
                145,
                149,
                153,
                157,
                161,
                165,
                169,
                173,
                177,
                181,
                185,
                189,
                193,
                197,
                201,
                205,
                209,
                213,
                217,
                221,
                225,
                229,
                233
            ]
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
```

```
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
```

```
                103,
                119,
                135,
                151,
                167,
                183,
                199,
                215
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                111,
                143,
                175,
                207
            ]
        },
        {
            "globalOperatingClass": 137,
            "channelCfi": [
                31,
                63,
                95,
                127,
                159,
                191
            ]
        }
    ],
    "minDesiredPower": 24
}
]
```

```
    }
}

############################## 2025-03-12T07:41:19Z ##############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 15.4
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 15.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 18.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
                        "lowFrequency": 6165
```

```
        },
        "maxPsd": 16.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 15.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 10.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 13.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 17.0
```

```
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 11.8
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 14.4
},
{
```

```
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 16.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 12.0
        }
    ],
    "availableChannelInfo": [
        {
            "channelCfi": [
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93
            ],
            "globalOperatingClass": 131,
            "maxEirp": [
                28.4,
```

```
                28.6,
                31.3,
                29.2,
                28.1,
                26.4,
                23.1,
                26.3,
                30.0,
                24.8,
                23.4,
                26.9,
                25.0,
                27.4,
                29.6,
                25.0
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                31.4,
                32.2,
                29.4,
                26.1,
                27.8,
                26.4,
                28.0,
```

```
            28.0
        ]
    },
    {
        "channelCfi": [
            39,
            55,
            71,
            87
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            34.4,
            29.1,
            29.4,
            31.0
        ]
    },
    {
        "channelCfi": [
            47,
            79
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            32.1,
            32.4
        ]
    },
    {
        "channelCfi": [
            63
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            35.2
        ]
```

```
                    }
                ],
                "requestId": "1704067307",
                "availabilityExpireTime": "2025-03-13T07:41:19Z",
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
        ],
        "version": "1.4"
}

############################## 2025-03-12T07:43:57Z ##############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.100.1",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1453",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1704067308",
                "deviceDescriptor": {
                    "serialNumber": "JD4100C6E2",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MSQ-RTBE8H00"
                        }
                    ]
                },
                "location": {
```

```
        "ellipse": {
            "center": {
                "longitude": -73.97434,
                "latitude": 40.75924
            },
            "majorAxis": 100,
            "minorAxis": 50,
            "orientation": 45
        },
        "elevation": {
            "height": 3,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
```

29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,

```
                177,
                181,
                185,
                189,
                193,
                197,
                201,
                205,
                209,
                213,
                217,
                221,
                225,
                229,
                233
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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)	Result
5975	LPI	20	4.66	5.46	10.12	-	Pass	-7.53	-2.87	-	Pass
6295	SP	20	4.66	16.64	21.30	21.50	Pass	3.47	8.13	8.50	Pass
5975	SP	20	4.66	16.15	20.81	29.30	Pass	3.17	7.83	16.30	Pass
5965	LPI	40	4.66	8.60	13.26	-	Pass	-7.25	-2.59	-	Pass
6685	SP	40	4.74	19.77	24.51	30.30	Pass	3.71	8.45	14.30	Pass
6205	SP	40	4.66	19.47	24.13	28.10	Pass	3.35	8.01	12.10	Pass
5985	LPI	80	4.66	10.52	15.18	-	Pass	-8.27	-3.61	-	Pass
6225	SP	80	4.66	22.20	26.86	28.40	Pass	2.97	7.63	9.40	Pass
6785	SP	80	4.74	22.47	27.21	30.60	Pass	3.6	8.34	11.60	Pass
6025	LPI	160	4.66	13.54	18.20	-	Pass	-6.93	-2.27	-	Pass
6185	SP	160	4.66	22.71	27.37	31.40	Pass	0.87	5.53	9.40	Pass
6665	SP	160	4.74	22.48	27.22	30.10	Pass	0.34	5.08	8.10	Pass
6105	LPI	320	4.66	16.47	21.13	-	Pass	-7.55	-2.89	-	Pass
6265	SP	320	4.66	21.60	26.26	35.20	Pass	-2.99	1.67	10.10	Pass
6105	*LPI	320	4.66	20.24	24.90	23.80	Pass	-3.43	1.23	-1.30	Pass

Operation mode Mark"*": When the AFC Response is lower than the LPI EIRP/PSD Limit, the DUT will switch to LPI mode.

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)	Result
5975	LPI	20	4.66	1.85	6.51	-	Pass	-11.22	-6.56	-	Pass
5975	LPI	20	4.66	-0.68	3.98	-	Pass	-13.69	-9.03	-	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	LPI	20	4.66	-0.71	3.95	-	Pass	-13.82	-9.16	-	Pass
5975	SP	20	4.66	16.69	21.35	27.3	Pass	3.57	8.23	14.30	Pass
5975	LPI	20	4.66	5.6	10.26	-	Pass	-7.46	-2.80	-	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
5975	LPI	20	4.66	5.63	10.29	-	Pass	-7.47	-2.81	-	Pass
5975	SP	20	4.66	16.66	21.32	36.00	Pass	3.56	8.22	23.00	Pass
5975	LPI	20	4.66	5.58	10.24	-	Pass	-7.4	-2.74	-	Pass

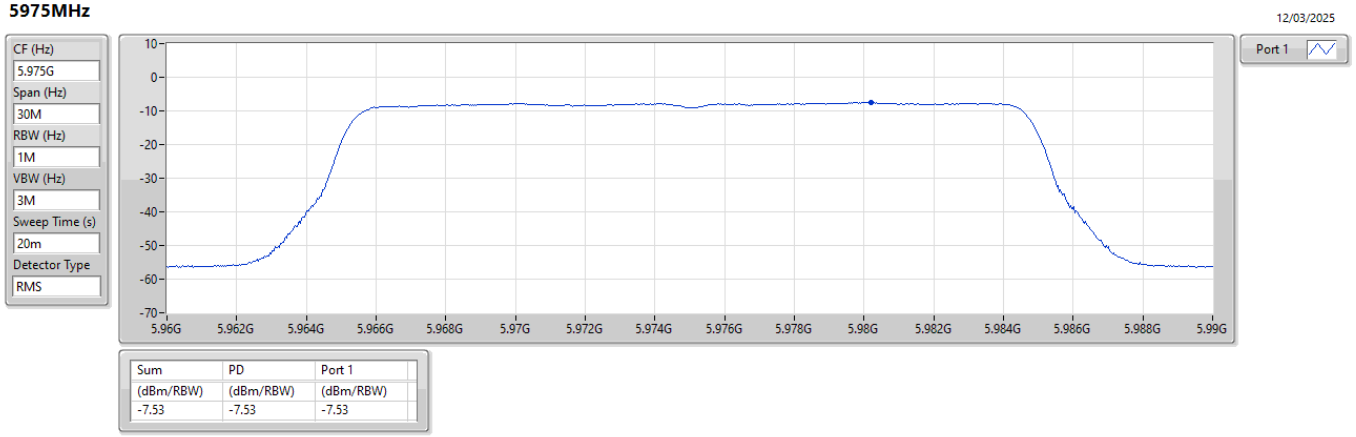
AFC capability - Inquired Frequency & Channel
CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1
Frequency (MHz): 5975

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

5975MHz_TX

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

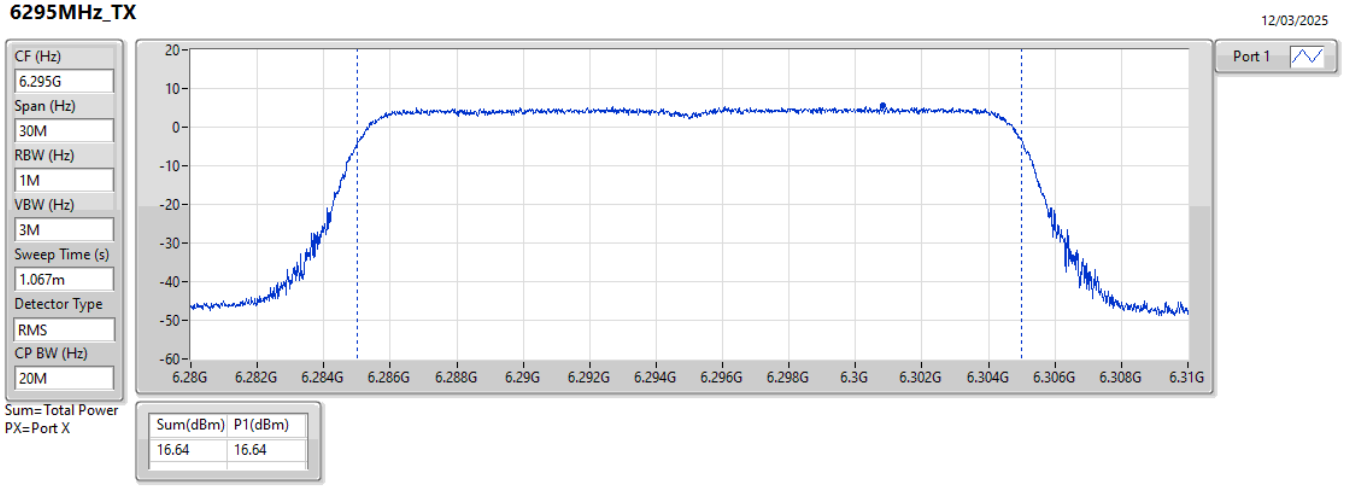
5975MHz



Frequency (MHz): 6295

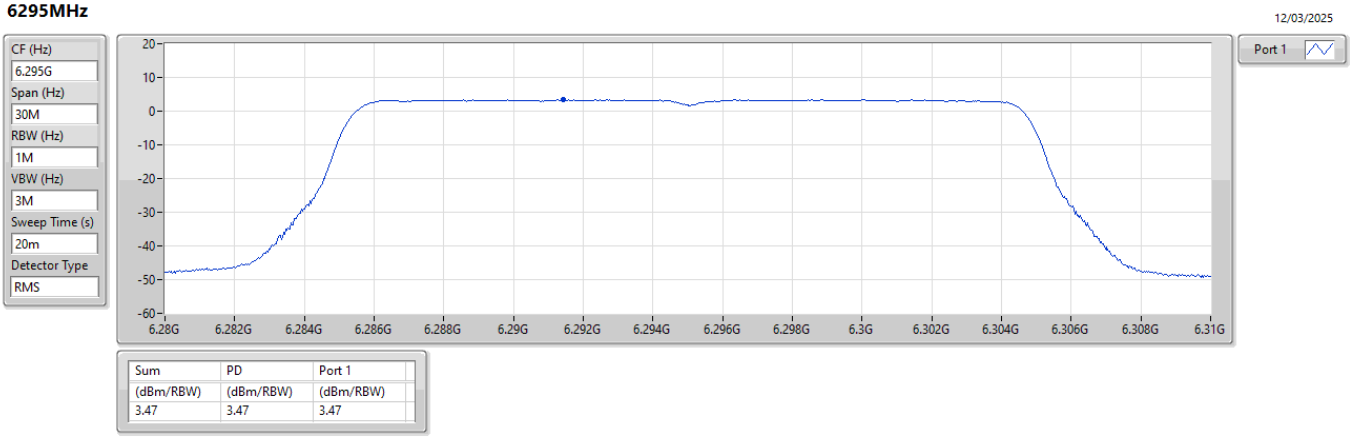
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

6295MHz_TX



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

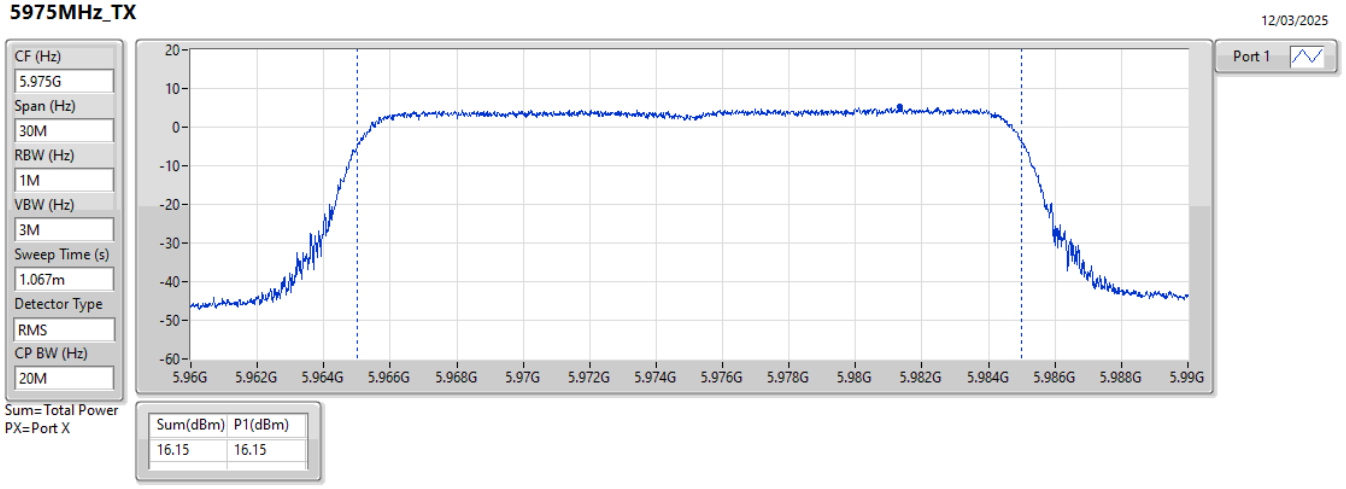
6295MHz



Frequency (MHz): 5975

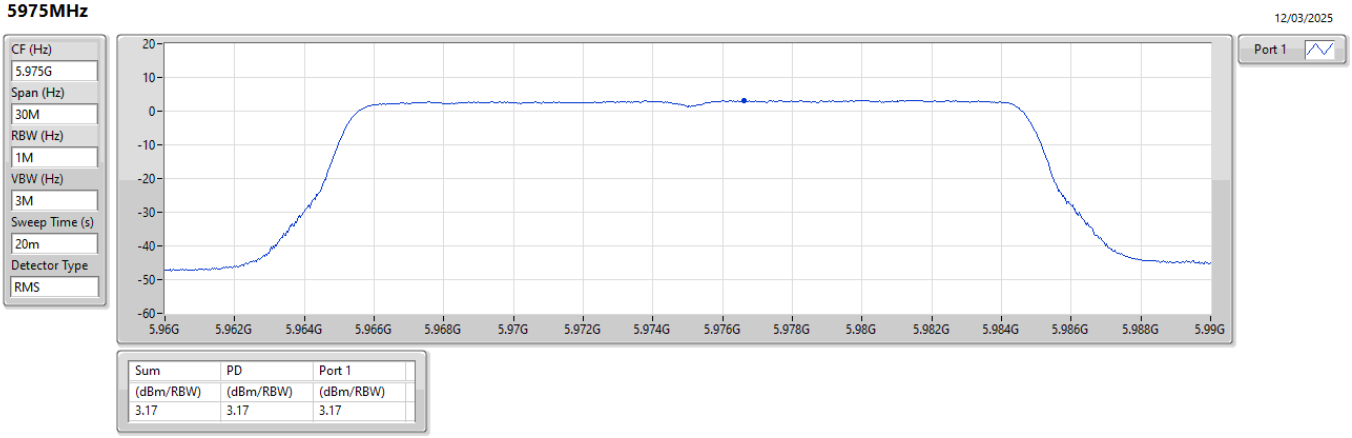
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



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

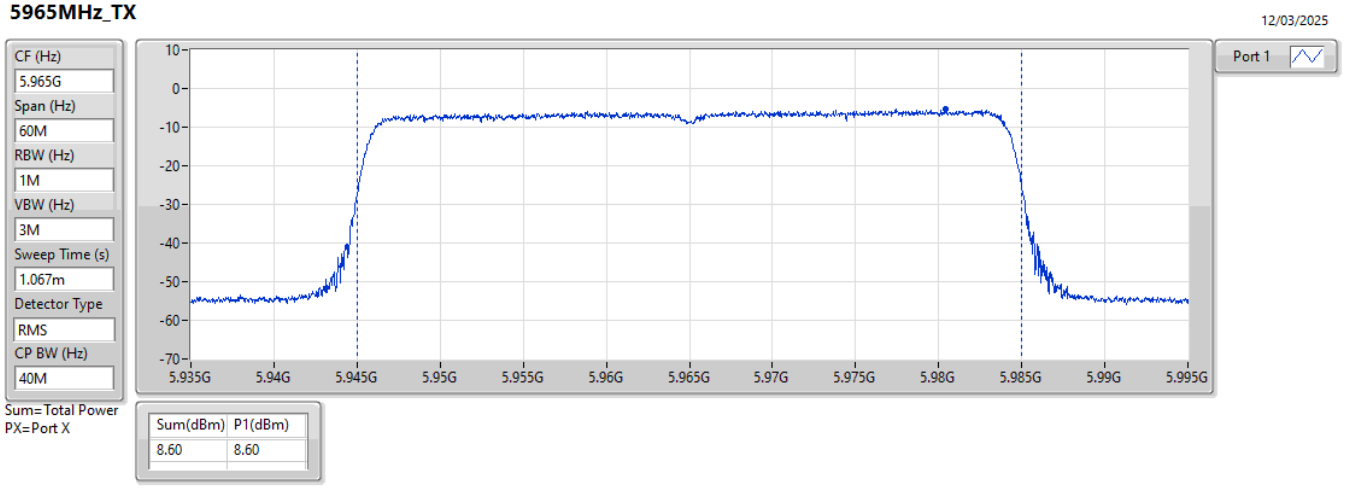
5975MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1
Frequency (MHz): 5965

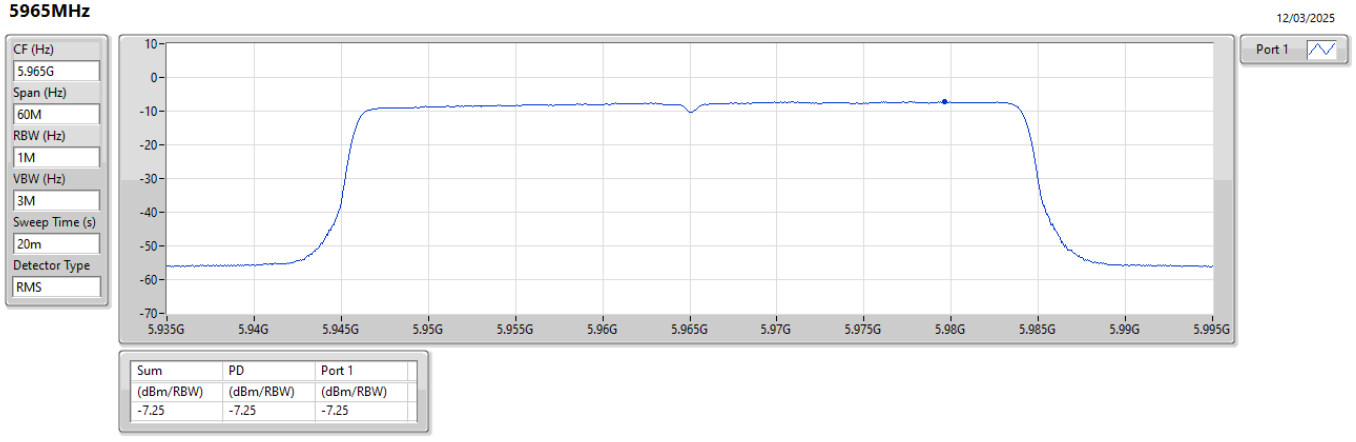
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_1TX **AV Power**

5965MHz_TX



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

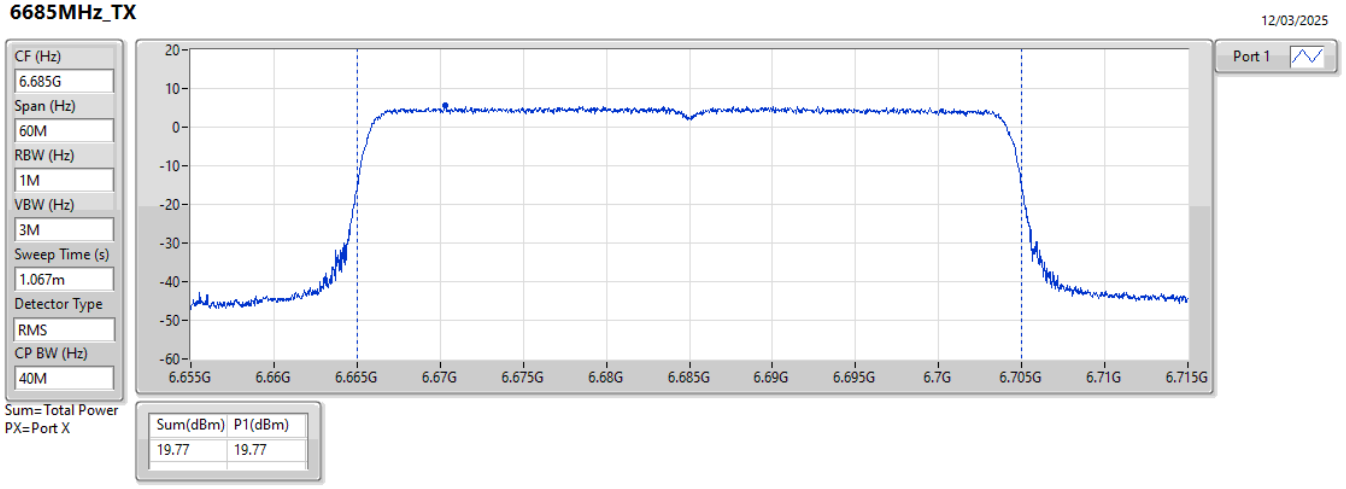
5965MHz



Frequency (MHz): 6685

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

6685MHz_TX

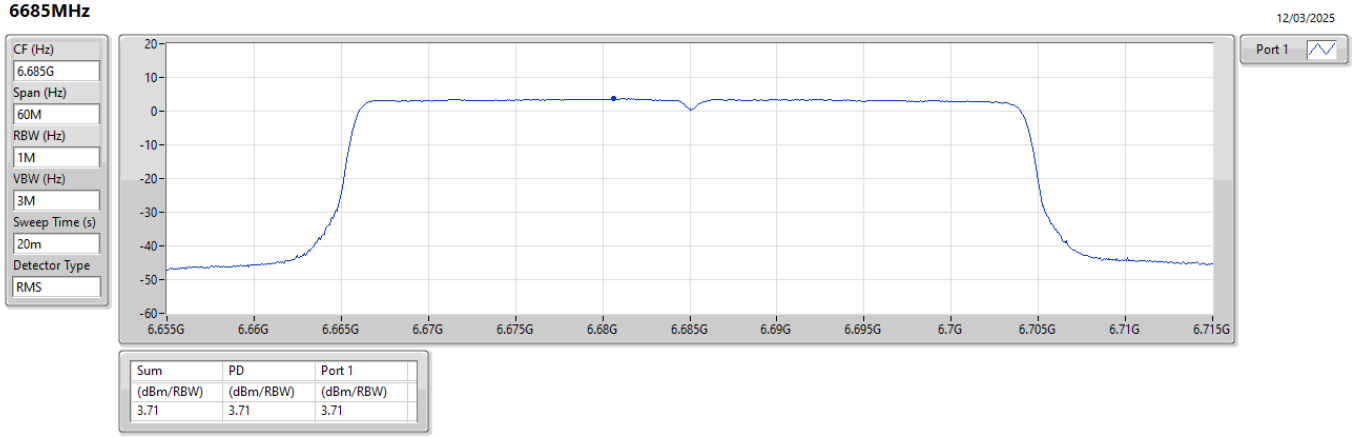


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
19.77	19.77

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

6685MHz

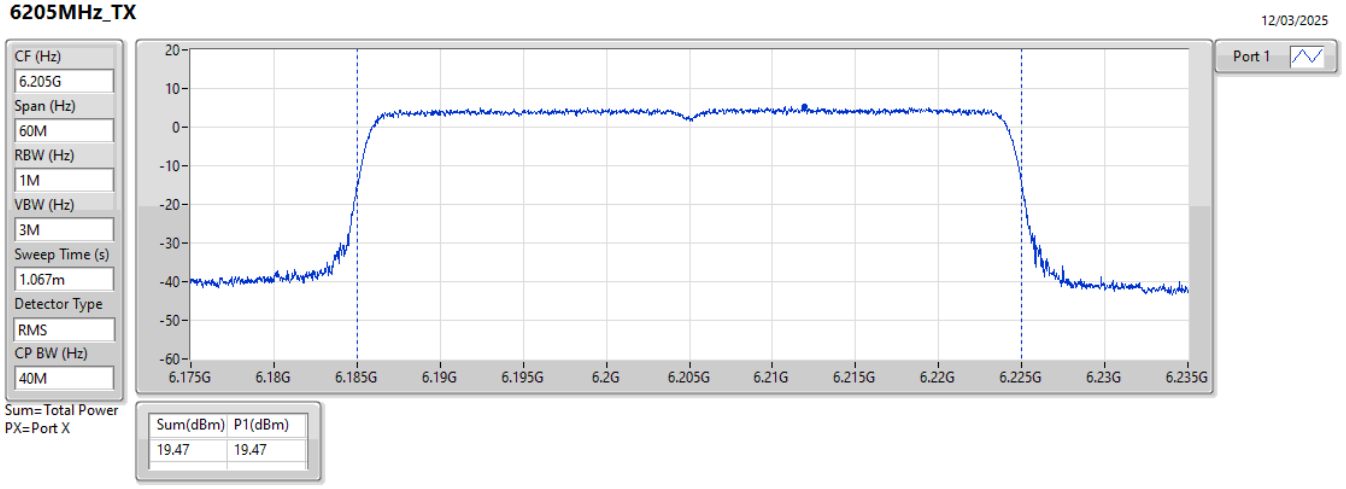


Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
3.71	3.71	3.71

Frequency (MHz): 6205

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

6205MHz_TX

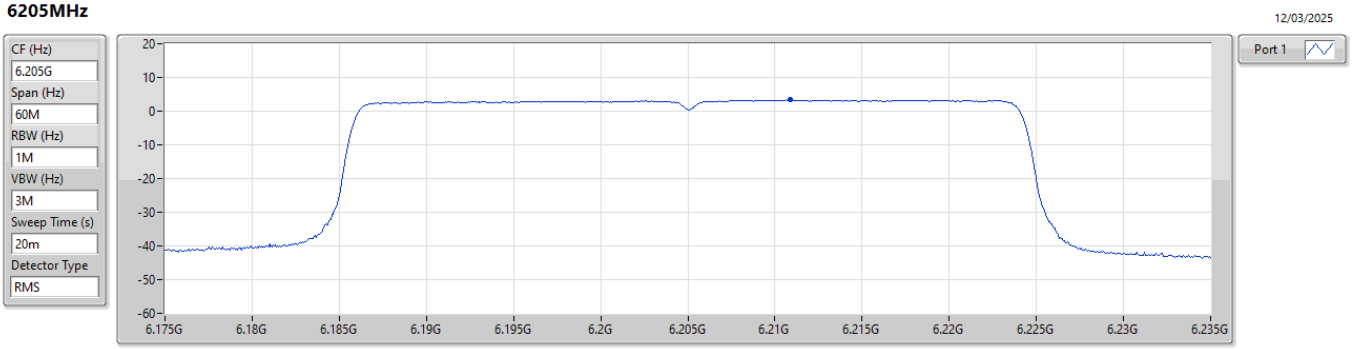


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
19.47	19.47

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

6205MHz



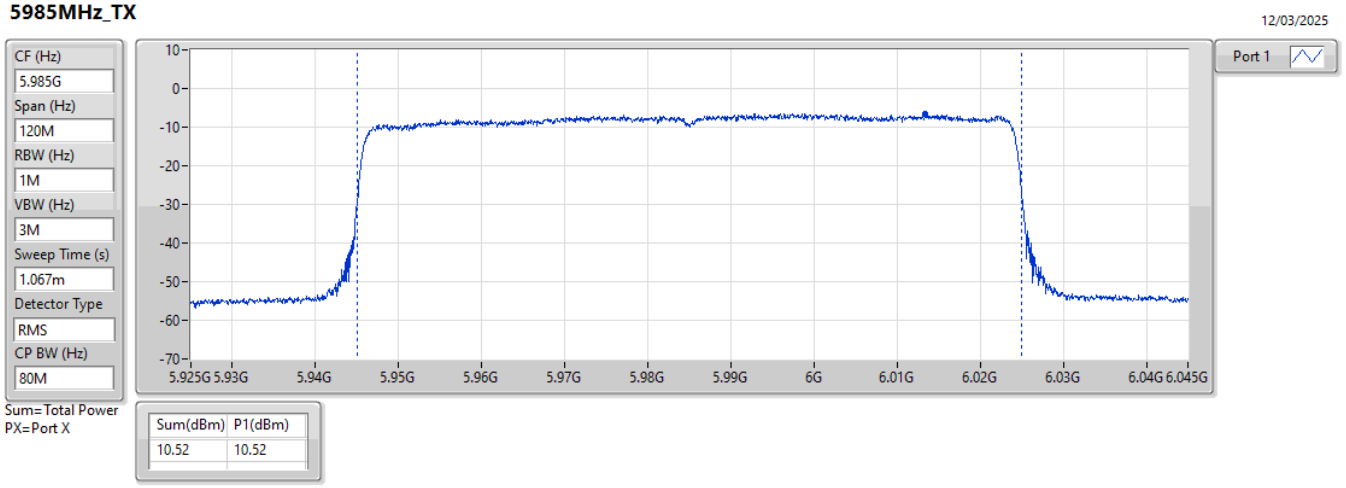
Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
3.35	3.35	3.35

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



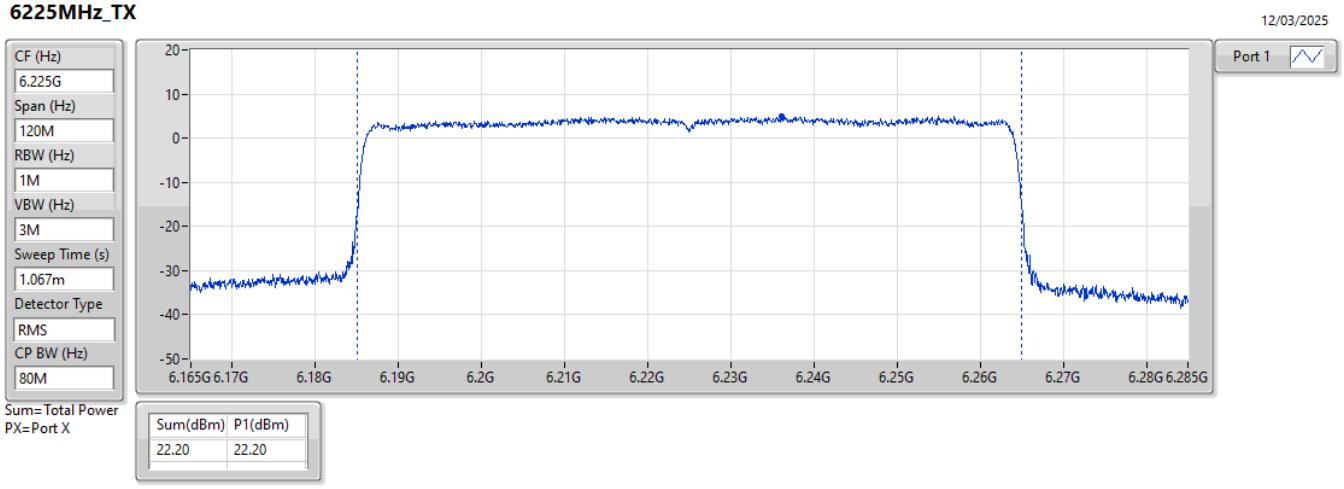
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_1TX **PSD**

5985MHz

Frequency (MHz): 6225

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

6225MHz_TX

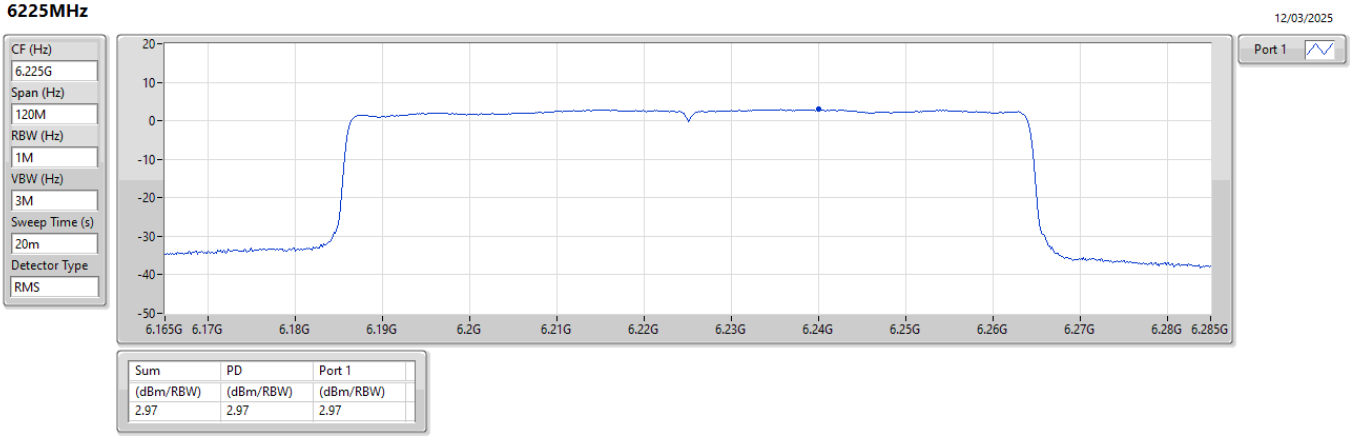


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
22.20	22.20

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

6225MHz

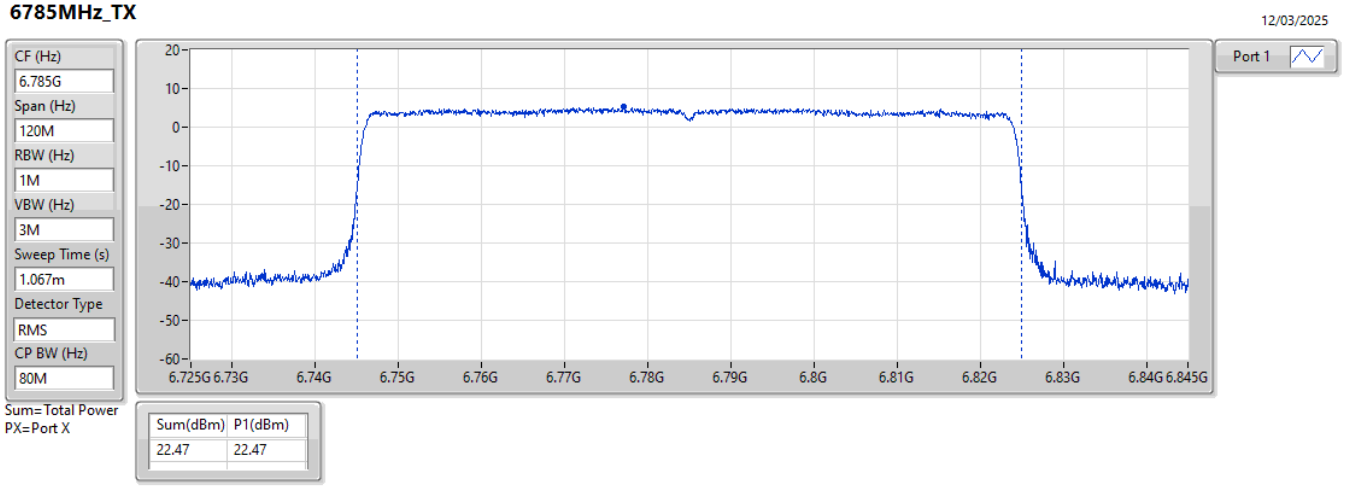


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	2.97

Frequency (MHz): 6785

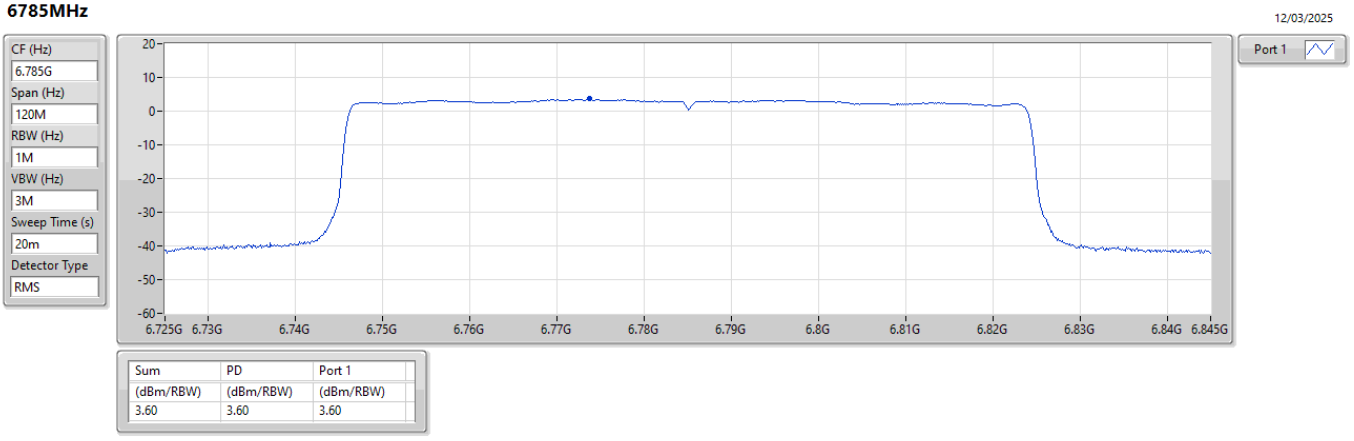
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_1TX **AV Power**

6785MHz_TX



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

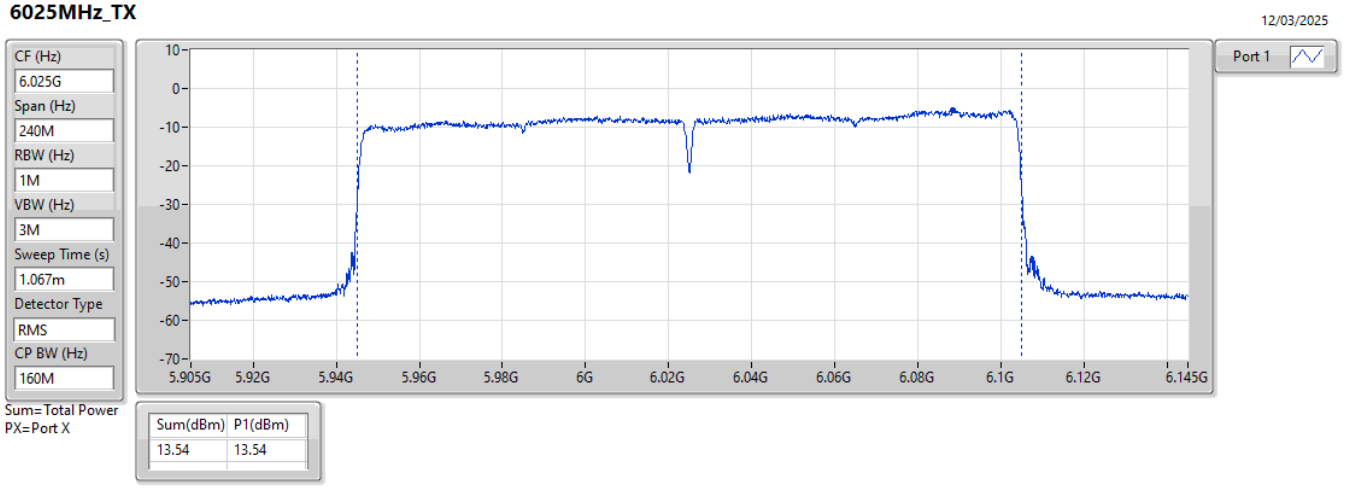
6785MHz



CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1
Frequency (MHz): 6025

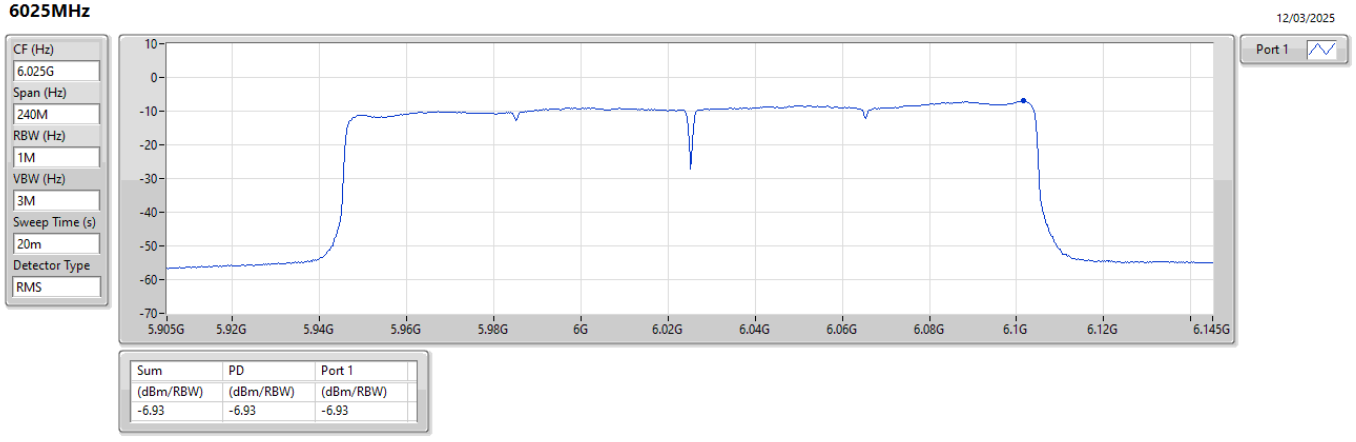
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_1TX **AV Power**

6025MHz_TX



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

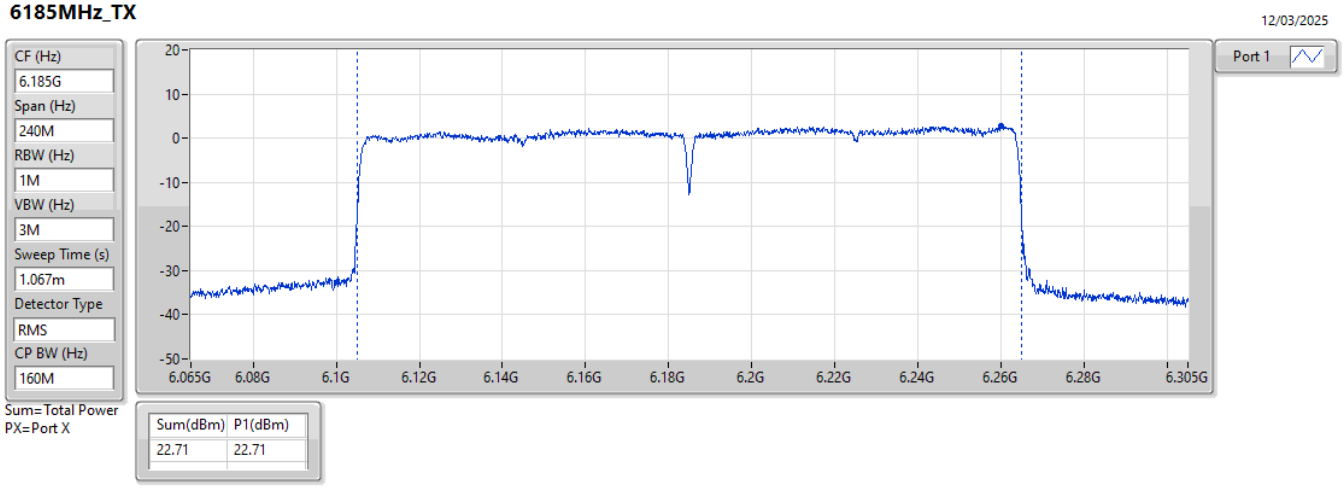
6025MHz



Frequency (MHz): 6185

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

6185MHz_TX

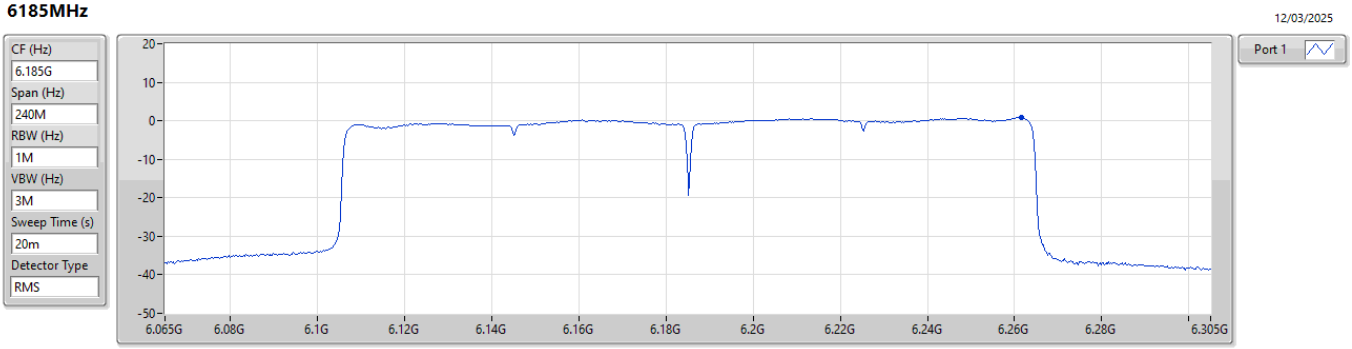


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
22.71	22.71

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

6185MHz

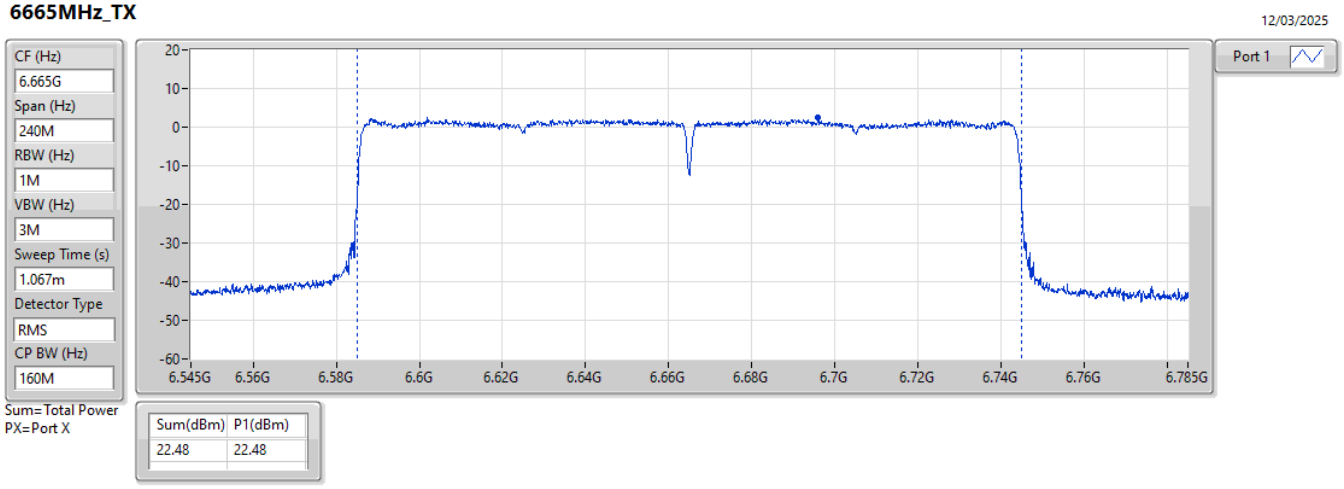


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	0.87

Frequency (MHz): 6665

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

6665MHz_TX

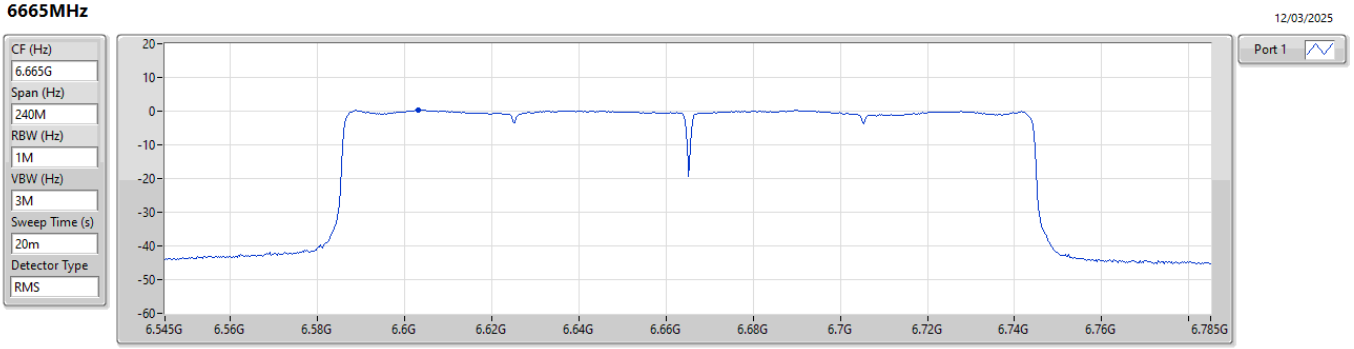


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
22.48	22.48

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

6665MHz

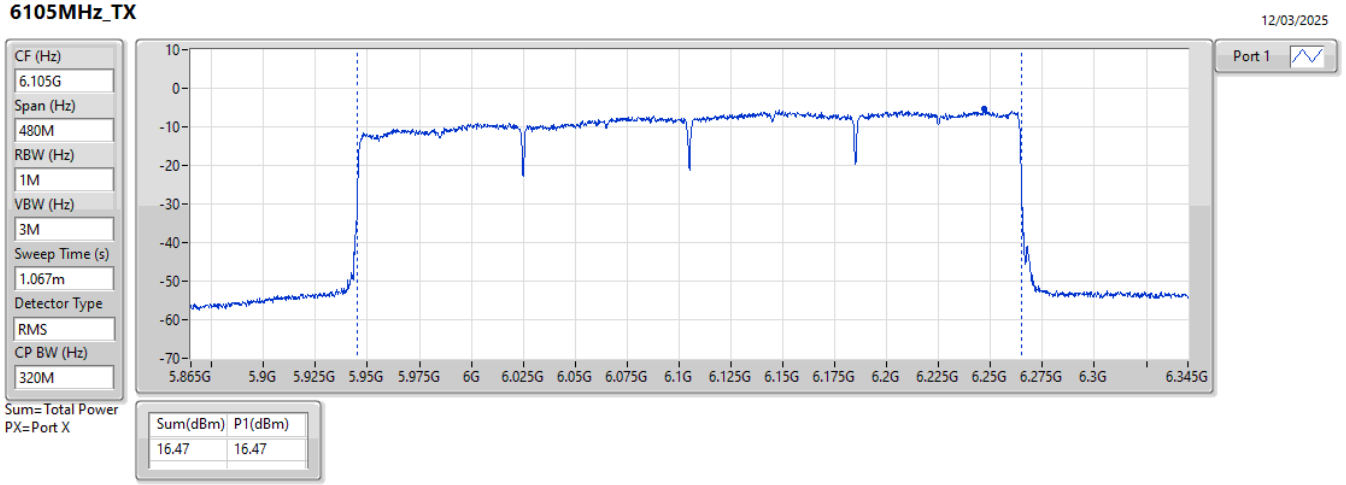


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	0.34

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1
Bandwidth: 320MHz
Frequency (MHz): 6105

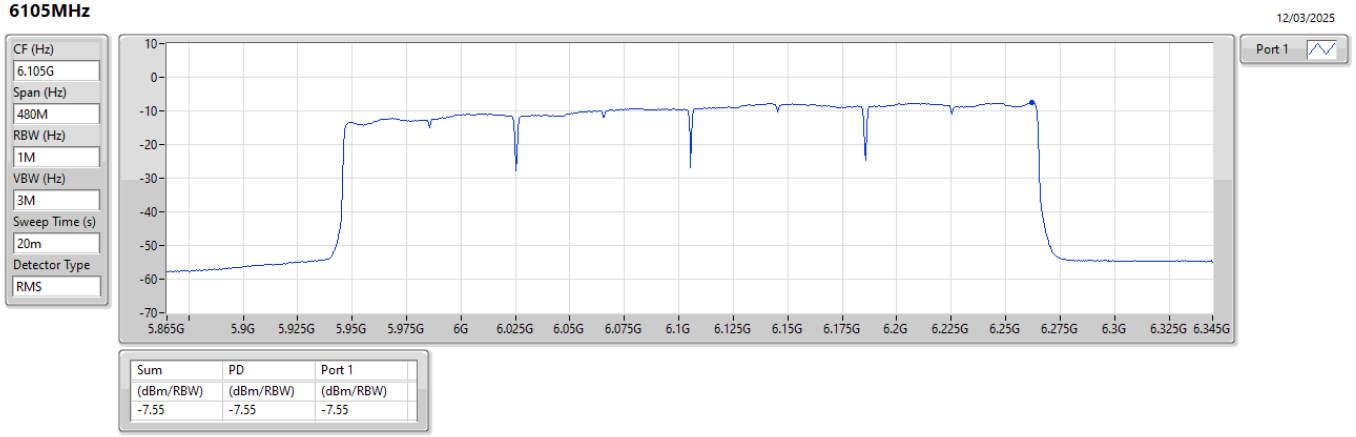
5.925-6.425GHz_802.11be EHT320_Nss1,(MCS0)_1TX **AV Power**

6105MHz_TX



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

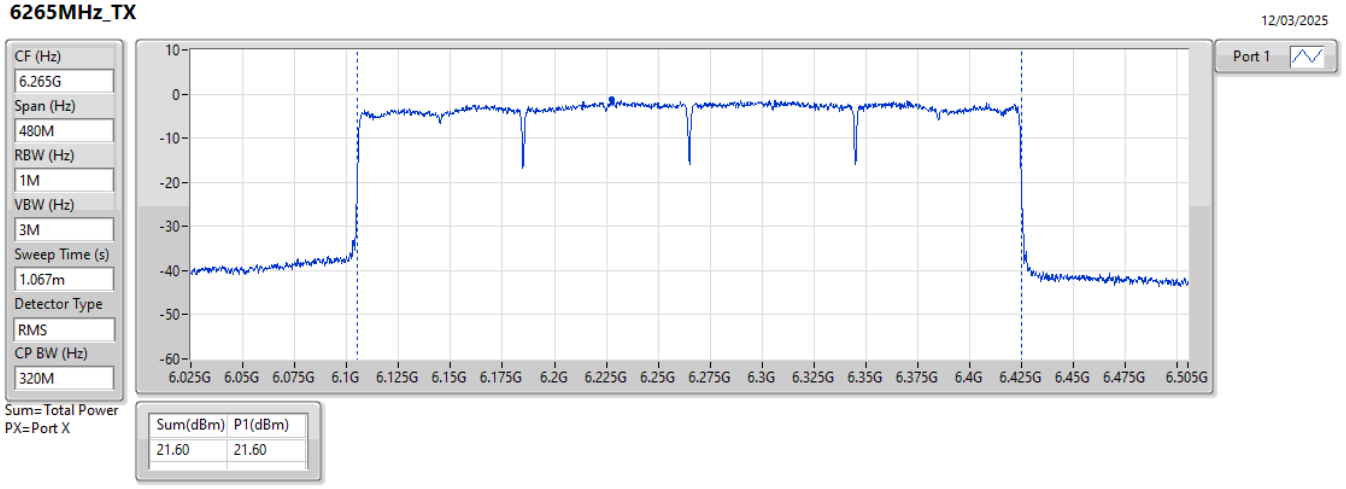
6105MHz



Frequency (MHz): 6265

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

6265MHz_TX

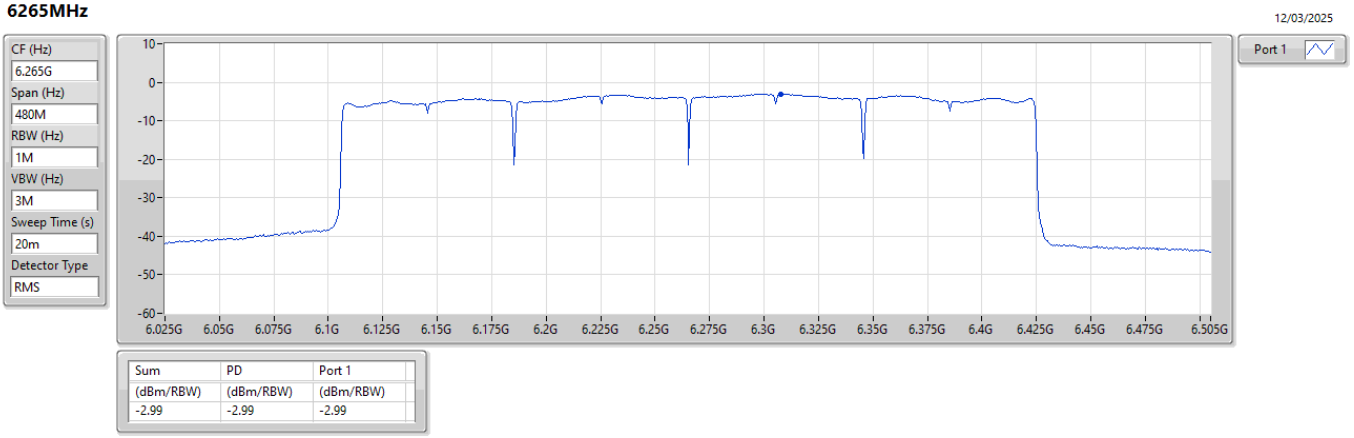


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
21.60	21.60

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

6265MHz

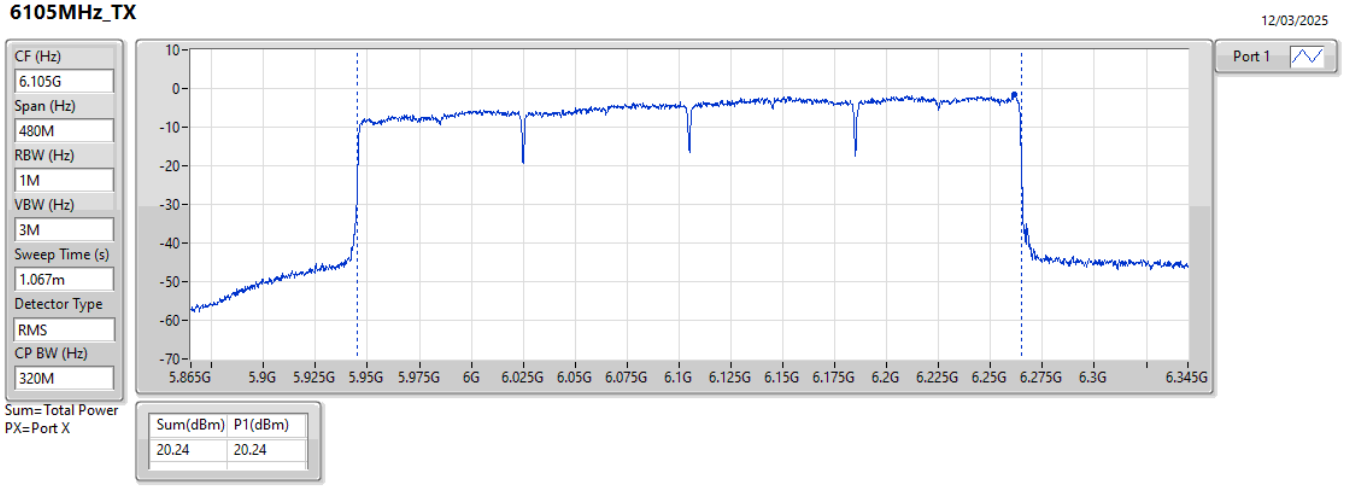


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.99	-2.99	-2.99

Frequency (MHz): 6105

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

6105MHz_TX

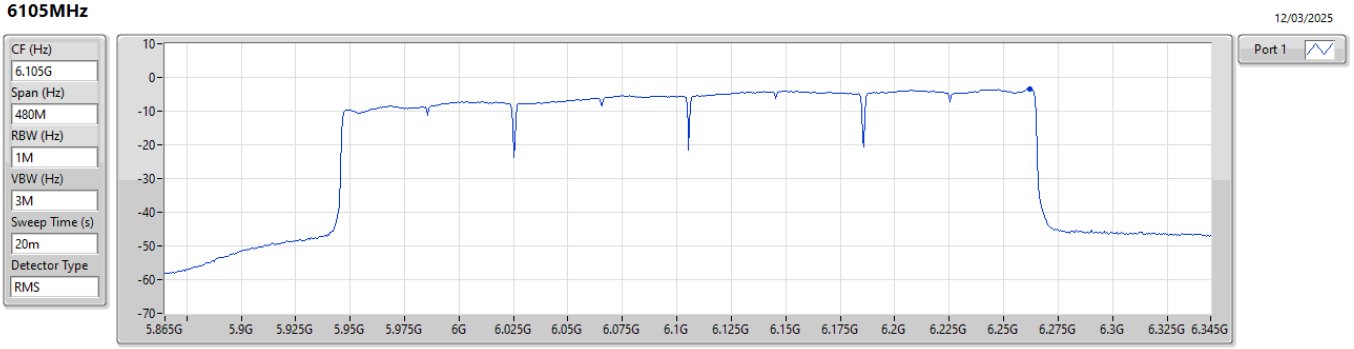


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
20.24	20.24

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

6105MHz

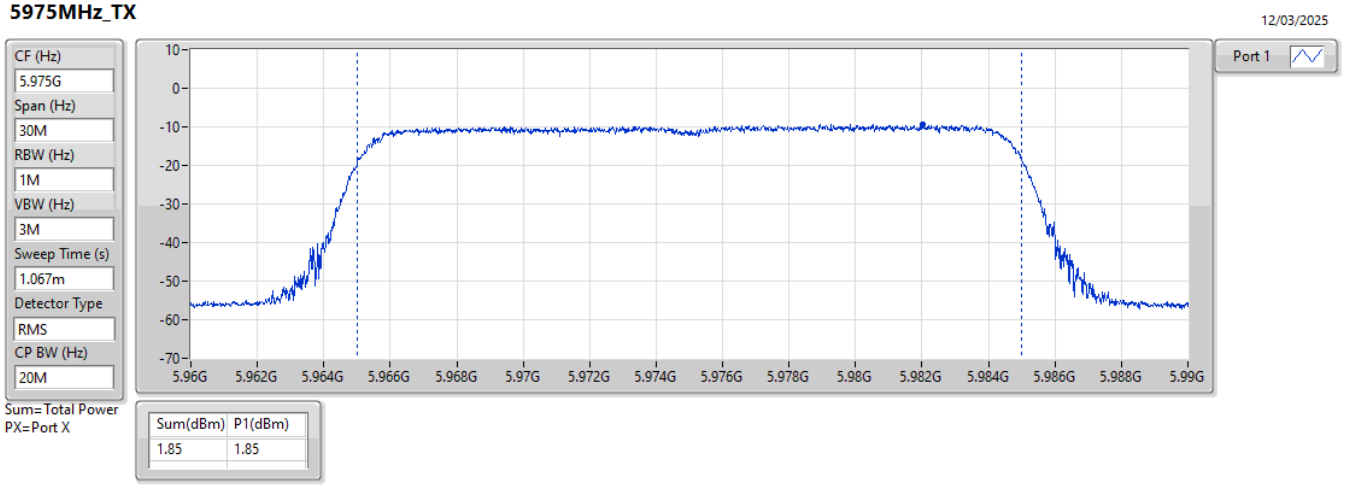


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.43	-3.43	-3.43

CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1
Bandwidth: 20MHz
Frequency (MHz): 5975

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

5975MHz_TX



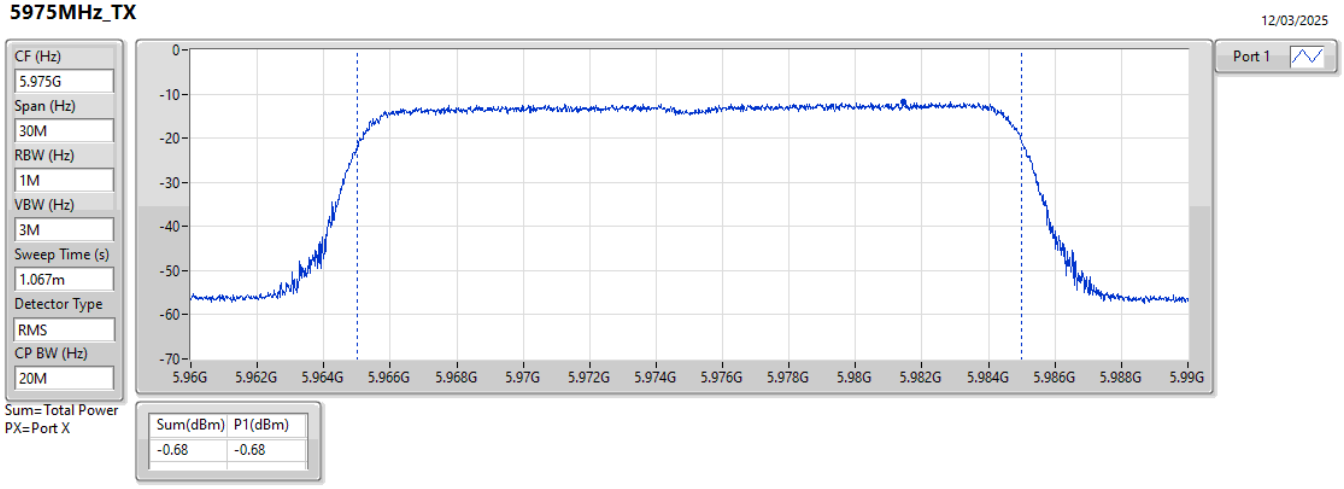
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

5975MHz

Frequency (MHz): 5975

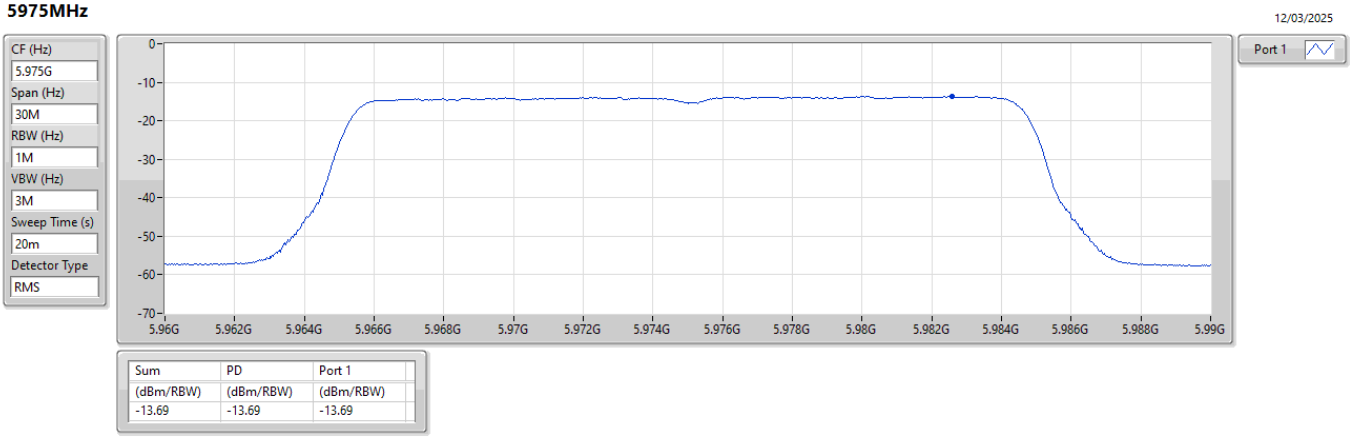
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



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

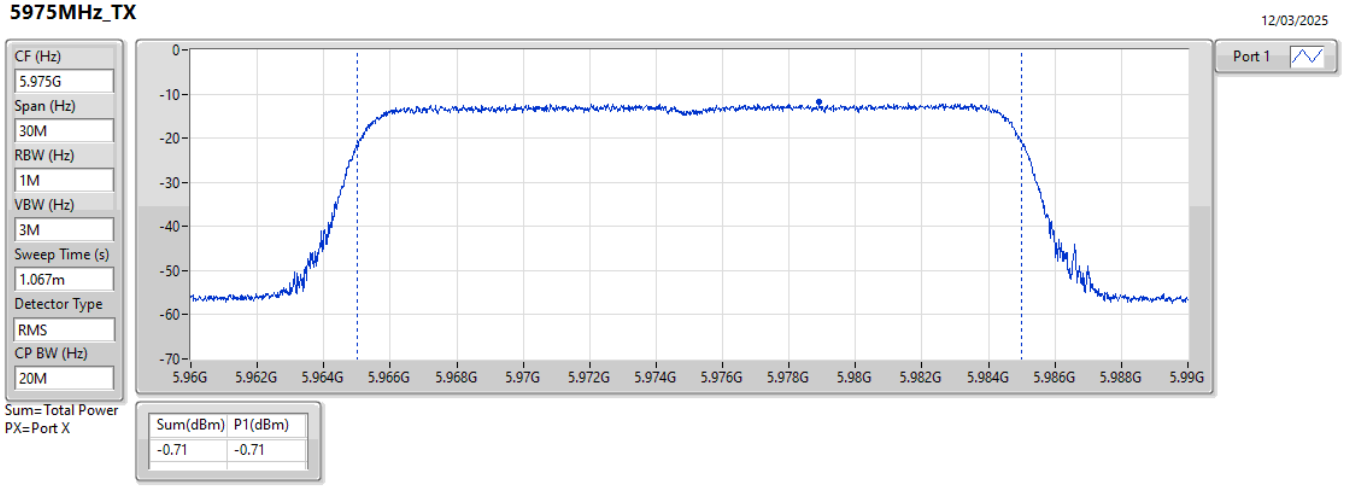
5975MHz



CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1
Bandwidth: 20MHz
Frequency (MHz): 5975

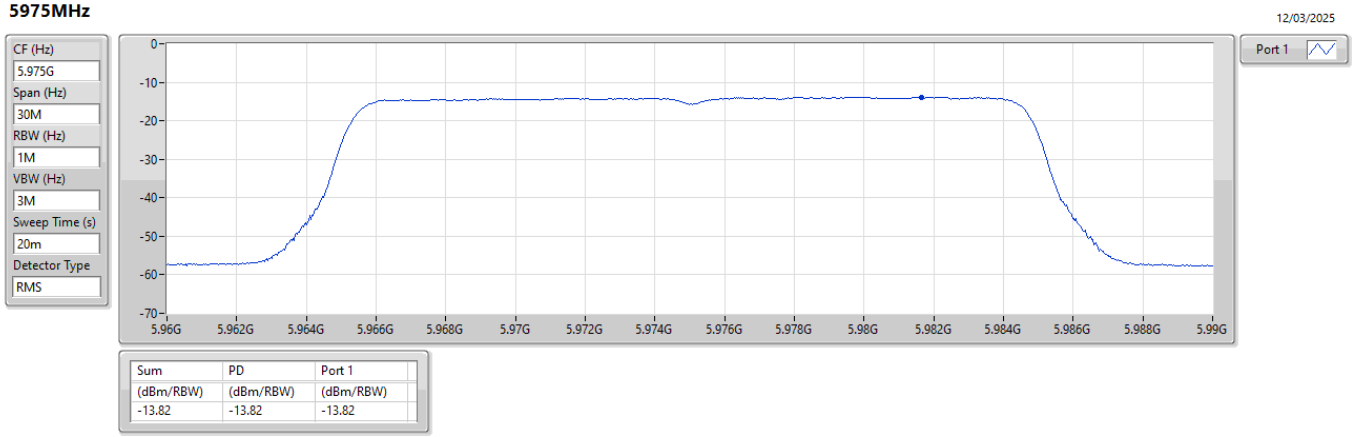
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



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

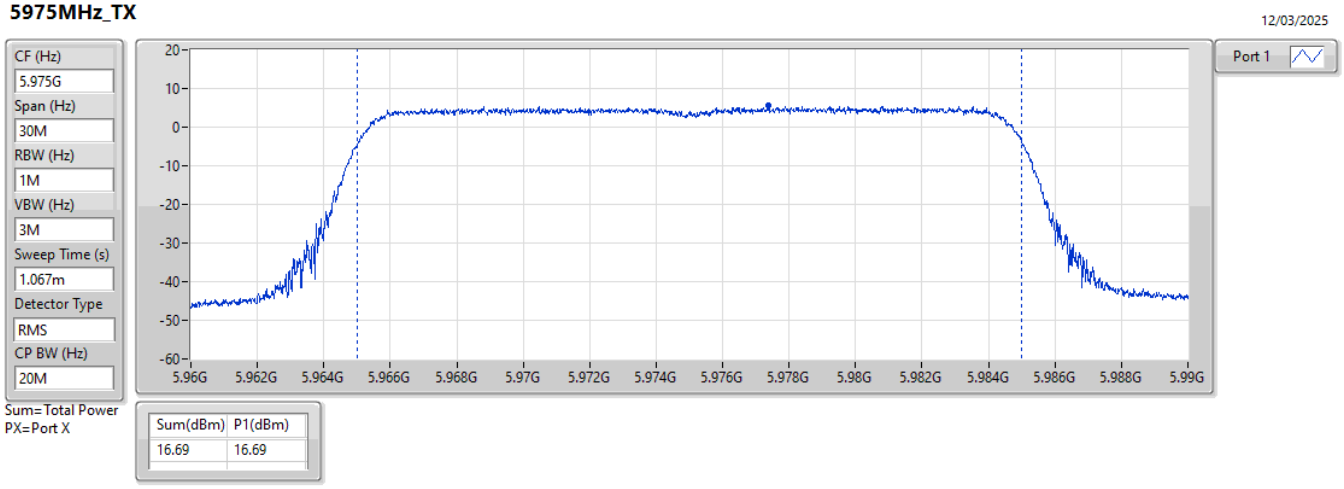
5975MHz



Frequency (MHz): 5975

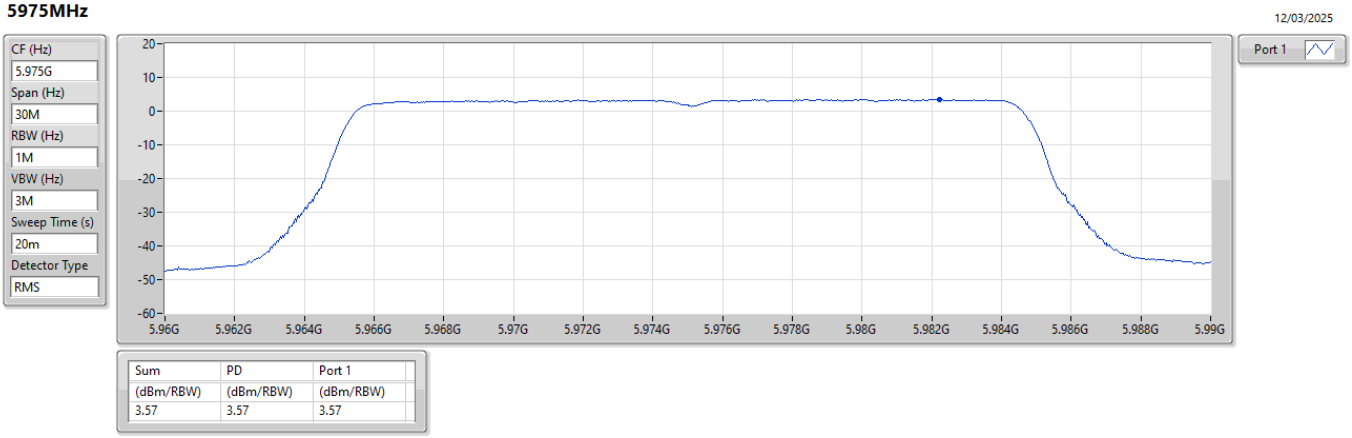
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



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

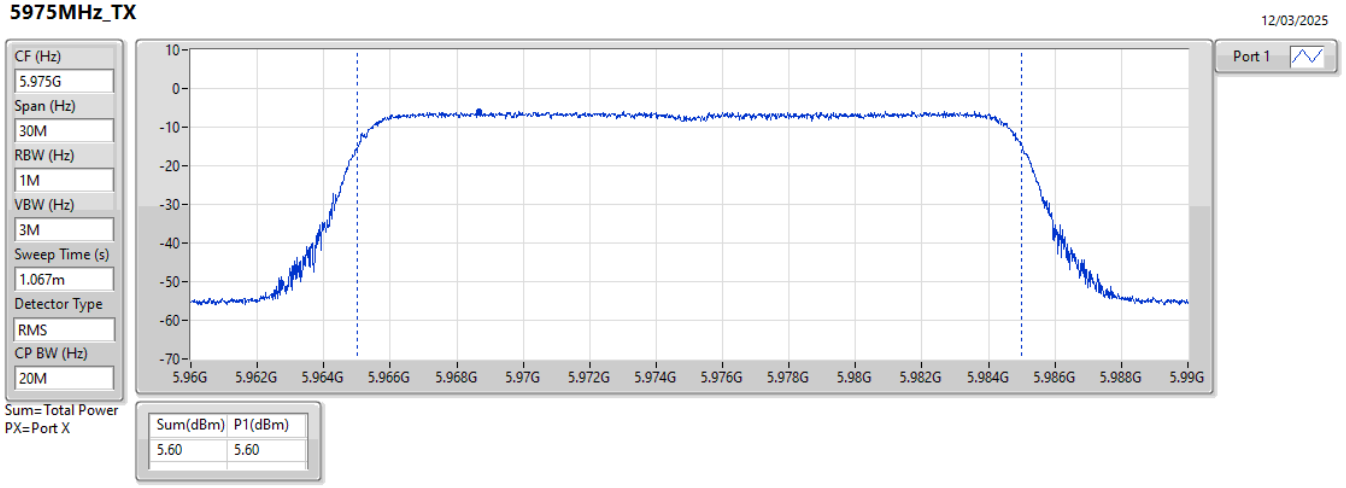
5975MHz



Frequency (MHz): 5975

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

5975MHz_TX

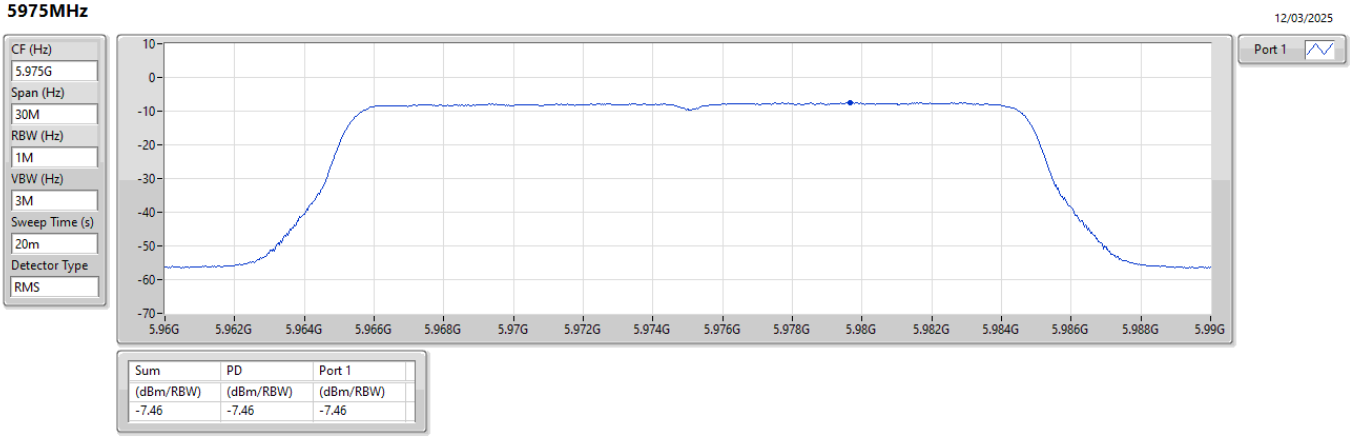


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
5.60	5.60

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

5975MHz

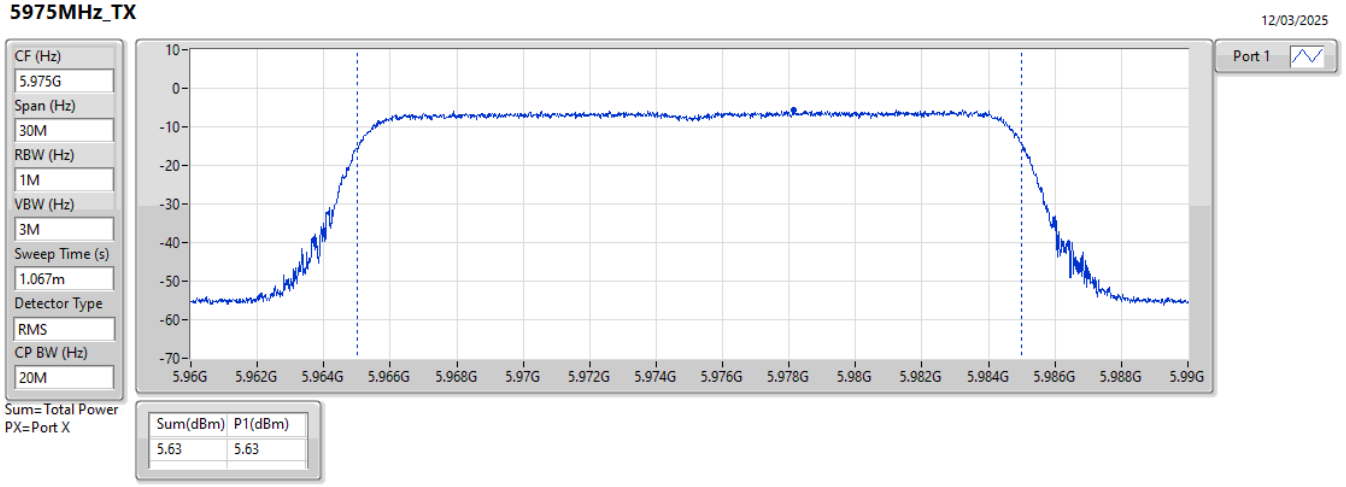


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.46	-7.46	-7.46

CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1
Bandwidth: 20MHz
Frequency (MHz): 5975

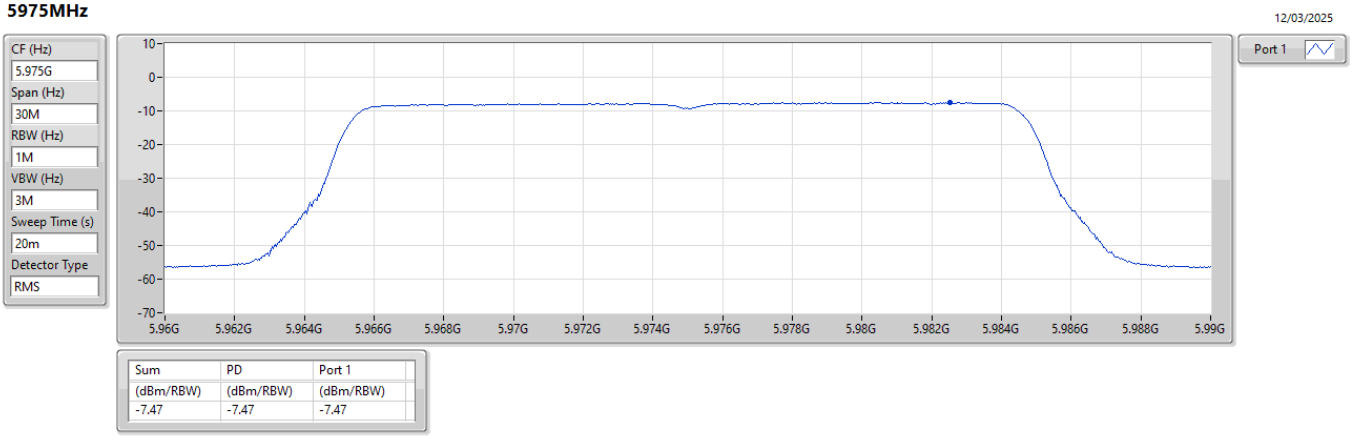
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



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

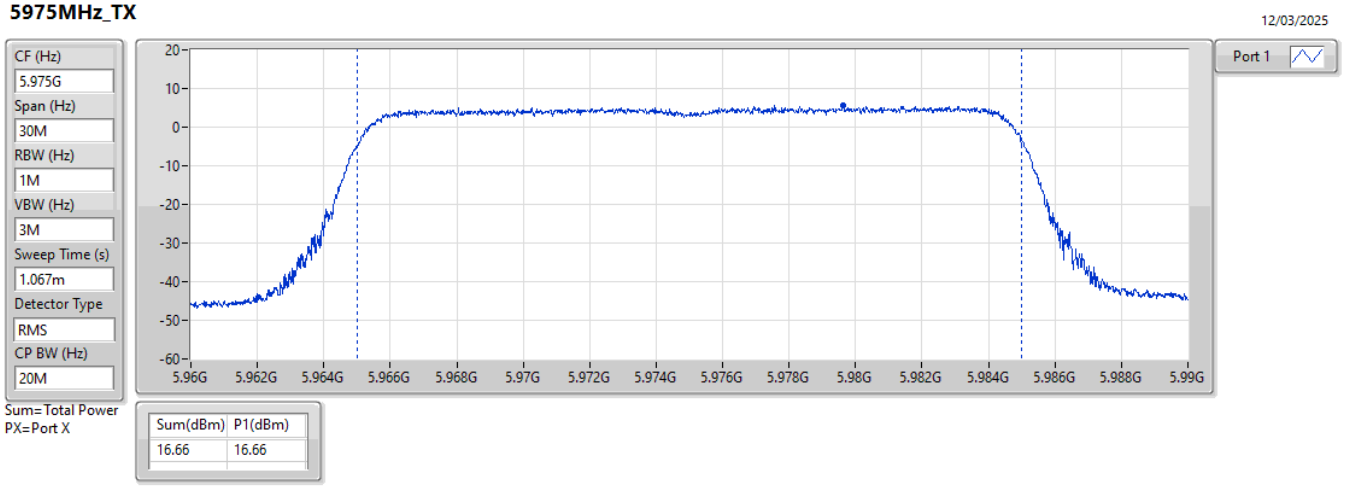
5975MHz



Frequency (MHz): 5975

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

5975MHz_TX

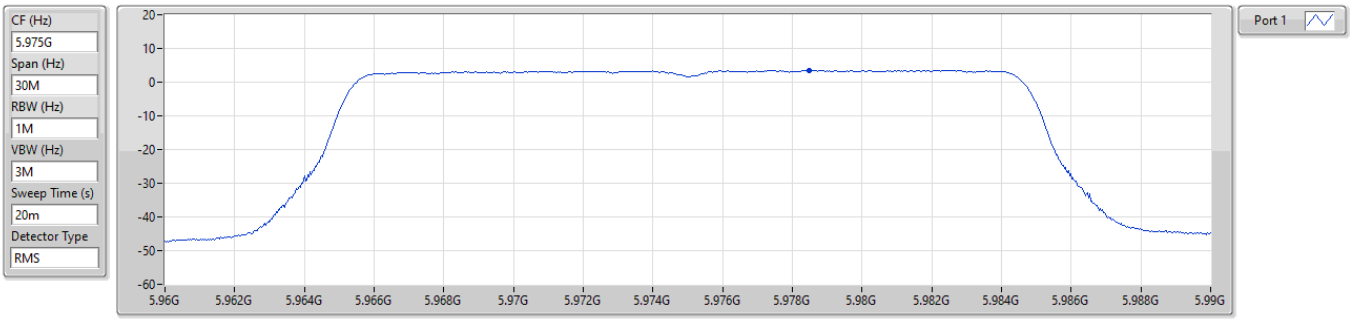


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
16.66	16.66

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

5975MHz

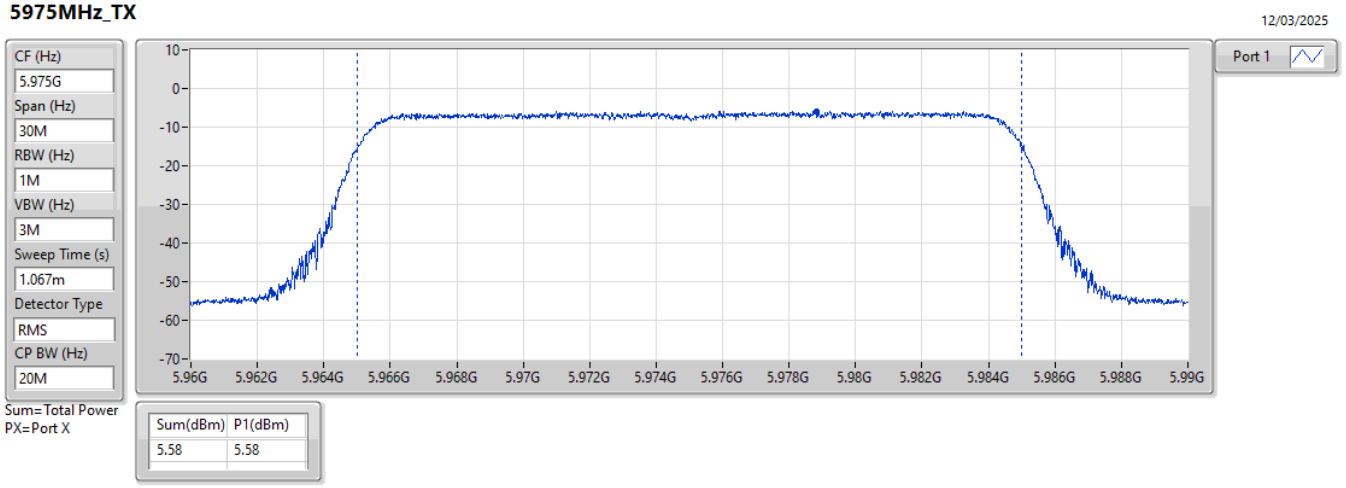


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	3.56

Frequency (MHz): 5975

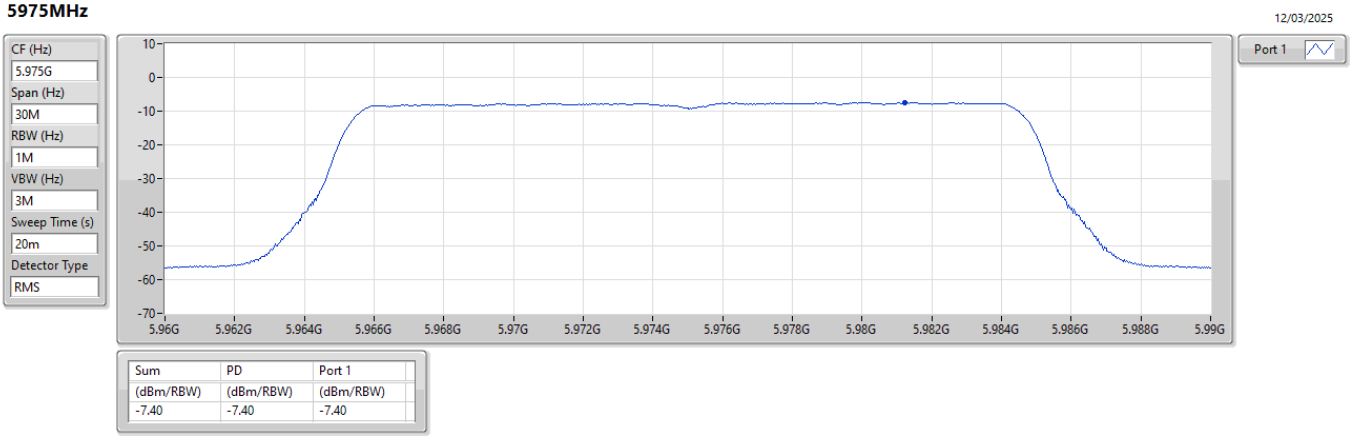
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **AV Power**

5975MHz_TX



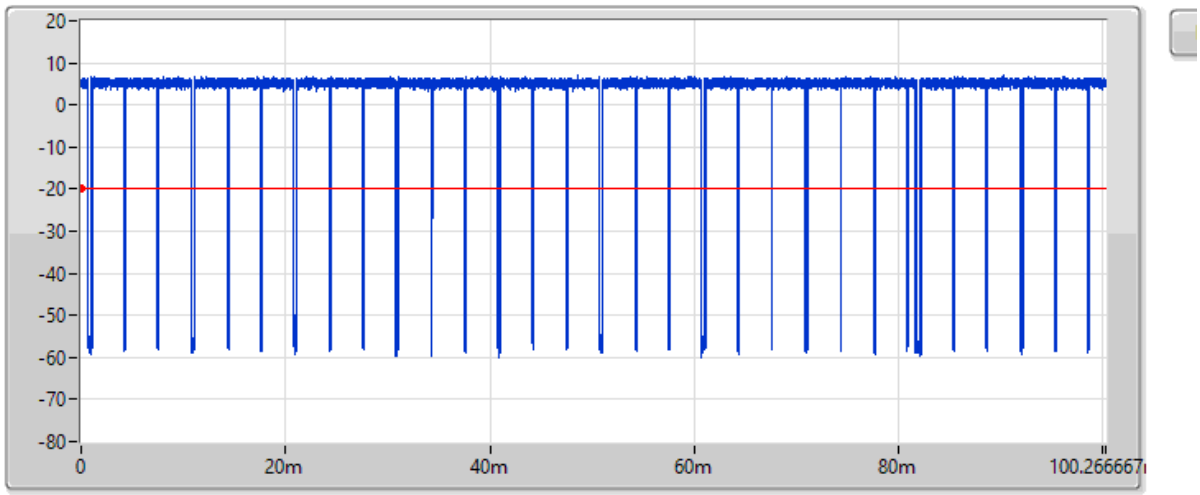
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_1TX **PSD**

5975MHz



Duty Cycle
Bandwidth: 20MHz

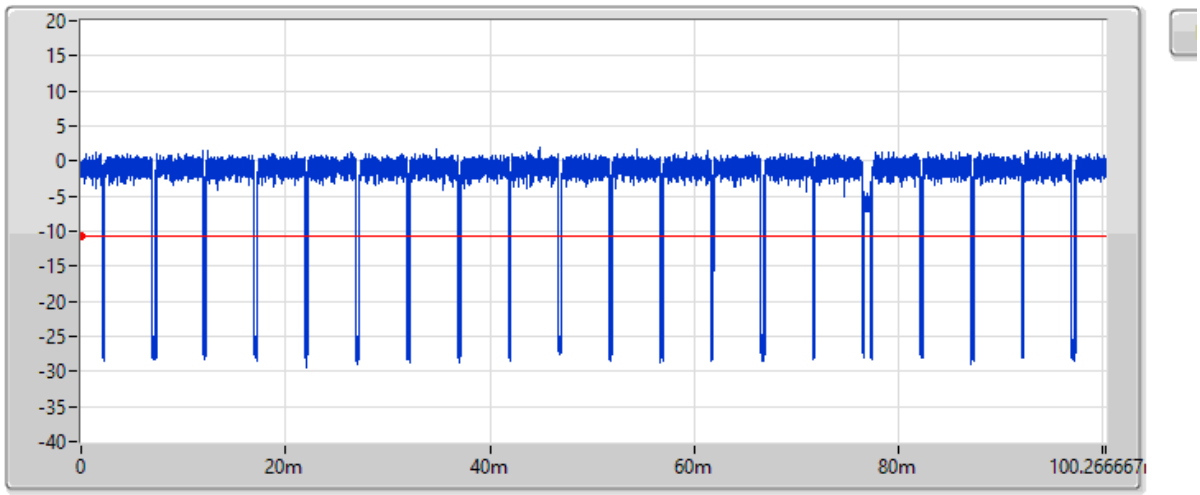
DC;be20;BWch:20



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	94.091179m	0.938

Bandwidth: 40MHz

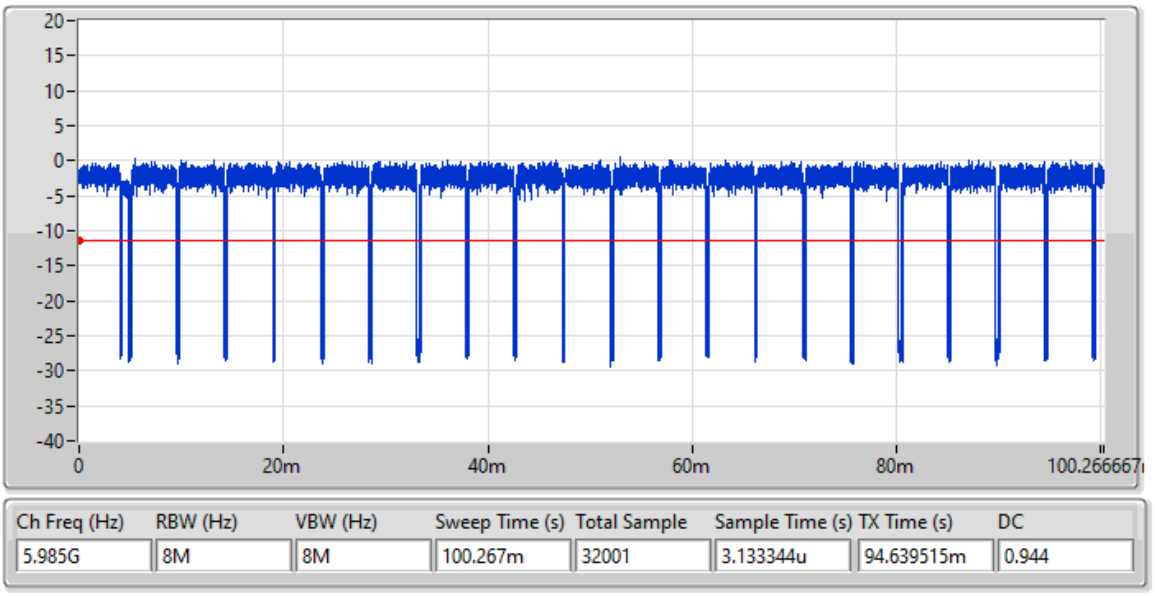
DC;be40;BWch:40



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	94.937182m	0.947

Bandwidth: 80MHz

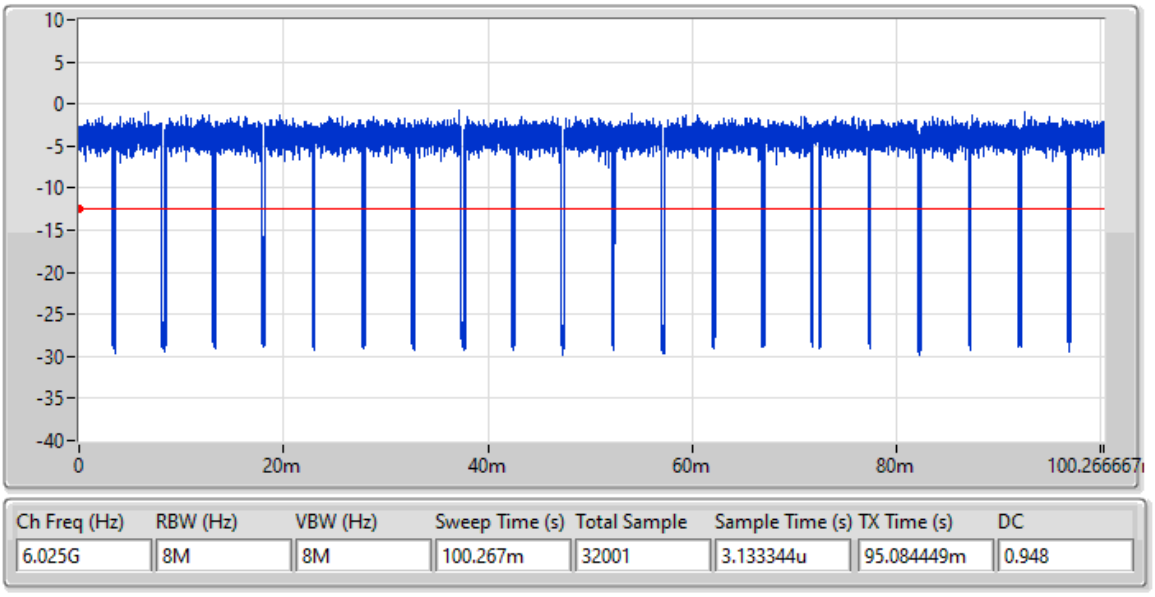
DC;be80;BWch:80



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	94.639515m	0.944

Bandwidth: 160MHz

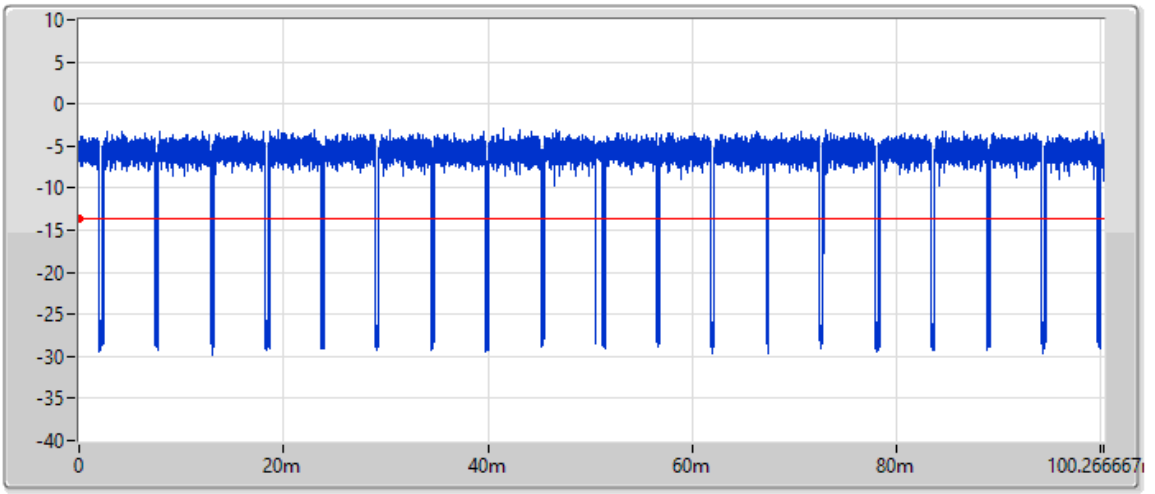
DC;be160;BWch:160



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	95.084449m	0.948

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
6.105G	8M	8M	100.267m	32001	3.133344u	94.570581m	0.943

———THE END———