



AFC DUT TEST HARNESS REPORT

FCC ID : Z8H89FT0075

Equipment : ePMP 6GHz Force 4625 SM

Brand Name : Cambium Networks

Model Name : ePMP 6GHz Force 4625 SM

Model Number : C068940P142A

Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA

Manufacturer : Cambium Networks, Ltd.
Ashburton, TQ13 7UP, UK

Standard : 47 CFR FCC Part 15.407

The product was received on Sep. 01, 2023, and testing was started from Oct. 13, 2023 and completed on Mar. 07, 2024. 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 1.5 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
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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12 7 Ver1.0



Summary of Test Result

For Standard Power Access Point:

Report Clause	Ref Std. Clause	Test Case Name	Result (PASS/FAIL)	Remark
AFC capability - Inquired Frequency				
Test Group: Inquired Frequency - Always				
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1	PASS	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1	PASS	-
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1	PASS	-
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1	PASS	-
3.4	3.4.4	CT_AFC_SP_AP_AFCDUAU34_Frequency_10617_1	PASS	-
AFC capability - Inquired Channel				
Test Group: Inquired Channel - Always				
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1	N/A	-
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_Channel_10622_1	N/A	-
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_Channel_10623_1	N/A	-
3.4	3.4.4	CT_AFC_SP_AP_AFCDUAU34_Channel_10624_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	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1	N/A	-
3.1	3.1.4	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1	N/A	-
3.2	3.2.4	CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1	N/A	-
3.3	3.3.4	CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1	N/A	-
3.4	3.4.4	CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1	N/A	-
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	-

**For Fixed Client:**

Report Clause	Ref Std. Clause	Test Case Name	Result (PASS/FAIL)	Remark
AFC capability - Inquired Frequency				
Test Group: Inquired Frequency - Always				
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_40MHz_10641_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_80MHz_10642_1	PASS	-
3.1	3.1.4	CT_AFC_FC_STA_AFCDRSA31_Frequency_160MHz_10643_1	PASS	-
3.2	3.2.4	CT_AFC_FC_STA_AFCDUSA32_Frequency_10644_1	PASS	-
3.3	3.3.4	CT_AFC_FC_STA_AFCDSAU33_Frequency_10645_1	PASS	-
3.4	3.4.4	CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1	PASS	-
AFC capability - Server Validation – Mandatory				
Test Group: Server Validation - Always				
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_NonMatchSAN_10661_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_DifferentRootCA_10662_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_MatchSuffixSAN_10663_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_ServerCertRevoked_10664_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_OCSPStaplingDisabled_10665_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_StapledOCSPRespExpired_10666_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_TLSCipherSuiteENULL_10667_1	N/A	Note
3.5	3.5.4	CT_AFC_ServerValidation_STA_AFCDUSV35_NoRootCA_10668_1	N/A	Note

Note: Refer to Standard Power Access Point mode

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/manufacture 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: Vicky Huang**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature of Equipment Under Test	
Power Type	From PoE
EUT Type	☐ Standard Power Access Point with Proxy ☒ Standard Power Access Point without Proxy ☐ Fixed Client with Proxy ☒ Fixed Client without Proxy
Condition of EUT	☐ Indoor ☒ Outdoor
Professional Installation	☒ Yes ☐ No
Firmware Version	For Standard Power Access Point: U-Boot IPQ807x 2016.01gf0484e4 (Sep 11 2023 - 17:03:47) For Fixed Client: U-Boot IPQ807x 2016.01g5386165 (Feb 21 2024 - 22:16:34)
Software Version	For Standard Power Access Point: 5.6-RC8FCC For Fixed Client: 5.7.0.44
Hardware Version	6 GHz Force 4625 USB GPS Radio (FCC)
Proxy Firmware Version	N/A
Proxy Software Version	N/A
Proxy Hardware Version	N/A

Note: The above information was declared by manufacturer.

1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						5GHz UNII 3	6GHz UNII 5	6GHz UNII 7
1	1/2	Cambium	25dBi Dish antenna	Dish	N/A	25.38	25.38	26.22

Note 1: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}/N_{SS}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

Cross-Polarized Antenna

5G UNII-3 G1 = 25.38 dBi; G2 = 25.38 dBi

6E UNII-5 G1 = 25.38 dBi; G2 = 25.38 dBi;

6E UNII-7 G1 = 26.22 dBi; G2 = 26.22 dBi;

5G UNII-3 DG = 25.38 dBi

6E UNII-5 DG = 25.38 dBi

6E UNII-7 DG = 26.22 dBi

Note 2: The above information was declared by manufacturer.



Note 3: The EUT has one antenna.

<5GHz UNII 3 function>**For IEEE 802.11a/n/ac/ax mode (2TX/2RX)**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

<6GHz UNII 5 and UNII 7 function>**For IEEE 802.11ax mode (2TX/2RX)**

Port 1, Port 2 can be used as transmitting/receiving antenna.

Port 1, Port 2 could transmit/receive simultaneously.

1.3 Table for EUT supports functions

Function	Support Band
Master	5GHz UNII 3 / 6GHz UNII5, UNII 7
Slave	5GHz UNII 3 / 6GHz UNII5, UNII 7

Note: The above information was declared by manufacturer.

1.4 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: 191618-01

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

Modifications	Performance Checking
Adding 6GHz function (UNII 5, UNII 7) for the device.	AFC DUT Test Harness

1.5 Accessories

N/A

1.6 Support Equipment

For Standard Power Access Point:

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	Cambium Networks	Force 4625	N/A
D	Notebook	DELL	E4300	N/A
E	PoE	Cambium Networks	NET-P60-56IN	N/A
F	GNSS Simulator	Orolia	GSG-63	N/A
G	Switch	Panasonic	Switch-S9GPWR	N/A

**For Fixed Client:**

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	Cambium Networks	ePMP4600	N/A
D	Notebook	DELL	E4300	N/A
E	PoE	Cambium Networks	NET-P60-56IN	N/A
F	GNSS Simulator	Orolia	GSG-63	N/A
G	Switch	Panasonic	Switch-S9GPWR	N/A

1.7 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 1.5
- ♦ FCC KDB 987594 D05 v01r01

1.8 Testing Location

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For Standard Power Access Point)	TH01-CB	Caster Chang	23.8~24.4 / 52~57	Oct. 13, 2023~ Oct. 16, 2023
RF Conducted (For Fixed Client)	TH01-CB	Caster Chang	21.3~22.2 / 55~58	Mar. 05, 2024~ Mar. 07, 2024



2 Measurement Environment

Measurement Environment Information	
AFC DUT Test Harness version	2.0.65.148

2.1 AFCD General Capabilities Declaration

For Standard Power Access Point:

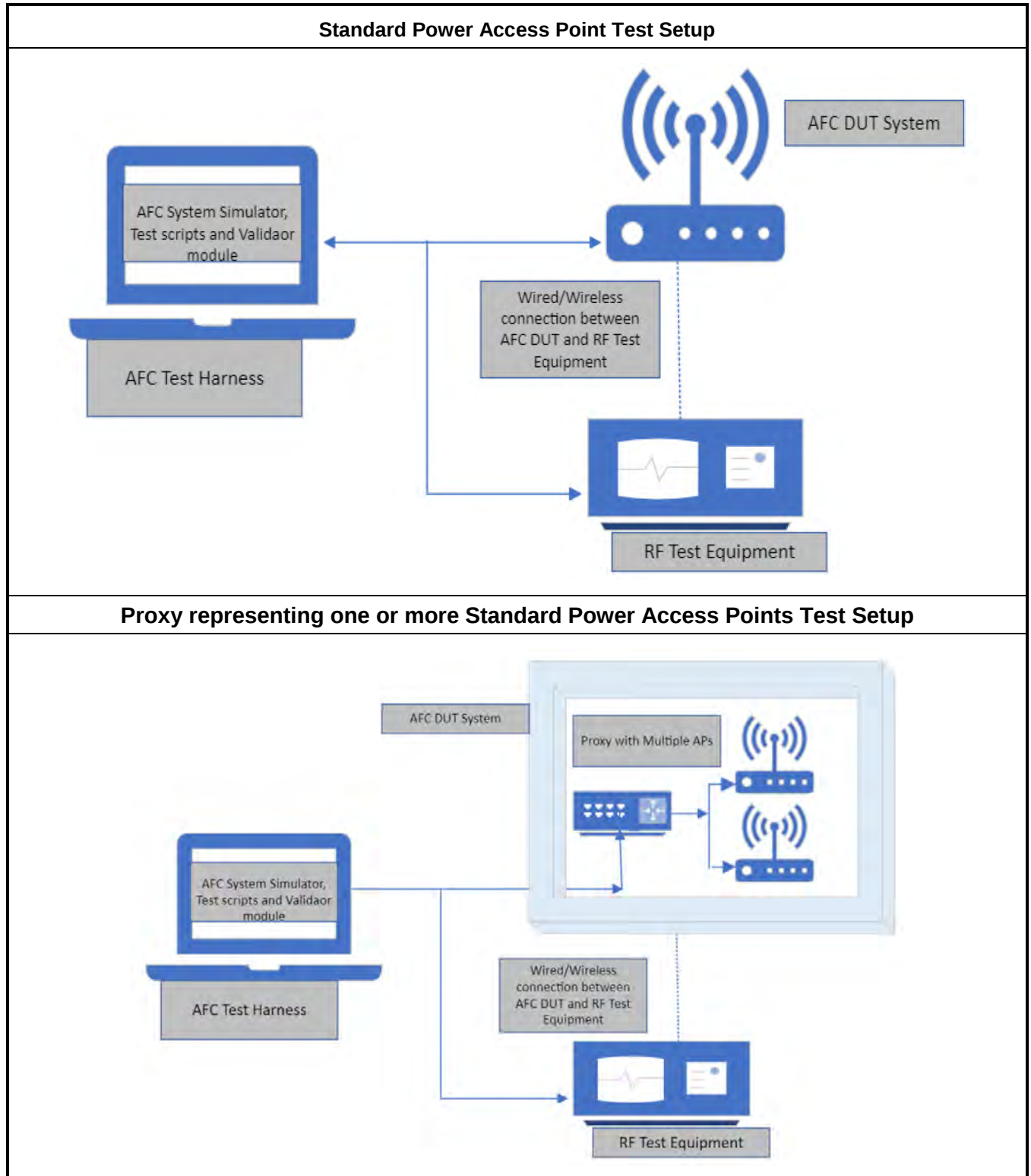
Item	Question	Vendor Response
1	AFC DUT Type	Standalone AP
2	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Frequency Range field?	Yes
3	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Channels fields?	No
4	If the Answer to Items 2 and 3 is "Yes", what is AFC DUT's default inquiry type?	-
5	Does the AFC DUT need to be supplied with BSS configuration parameters?	No
6	Does the AFC DUT manufacturer attest to AFC DUT compliance with rules for LPI operation?	No
7	Does the AFC DUT need to be supplied with mandatory registration information to formulate an Available Spectrum Inquiry Request	No
8	If the Answer to Item 7 is "Yes". What is the geographic Supported by the AFC DUT?	-
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?	-

**For Fixed Client:**

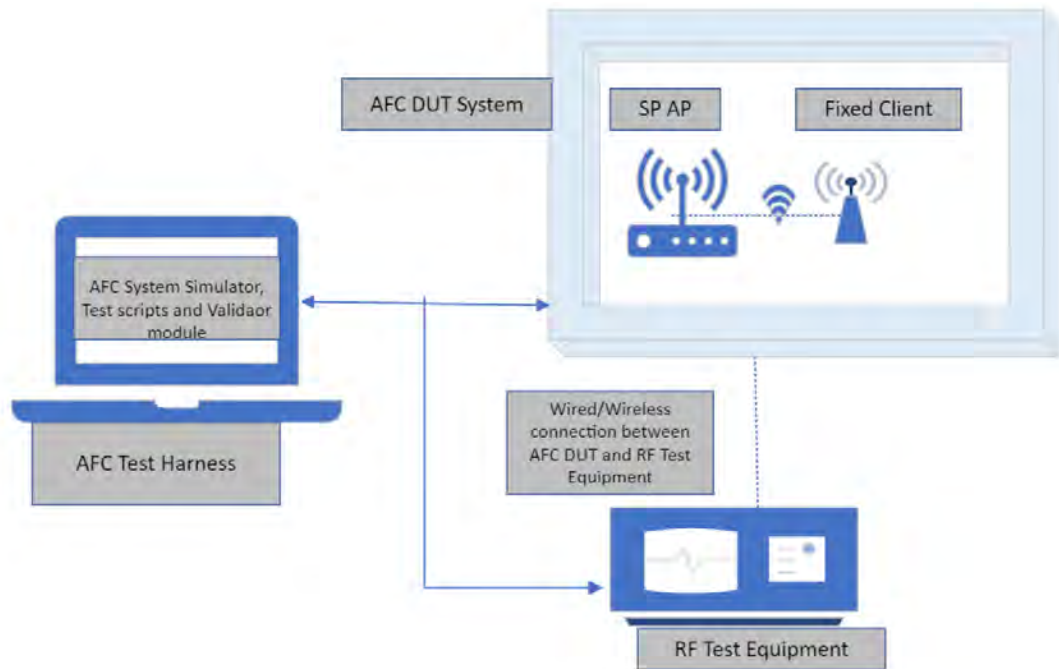
Item	Question	Vendor Response
1	AFC DUT Type	Fixed Client
2	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Frequency Range field?	Yes
3	Does the AFC DUT supports sending an Available Spectrum Inquiry Request based on the inquired Channels fields?	No
4	If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

Note: The above information was declared by manufacturer.

2.2 Test Configuration



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 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 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 inquired Frequency Range and/or the inquired Channels 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 5 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
20	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
21	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
22	AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*
23	AFC DUT Test Harness validates the presence of mandatory registration information
24	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.
25	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
	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 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 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 5 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 5 declaration), configure the 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 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 5 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.
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 5 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 5 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 5 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.
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 5 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 5 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 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 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 2.3.1 signed 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 29, 2023	May 28, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV03	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DF01-DV02	1GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -09	2GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Power Divider	Titan	2 Way	DV-8G -10	2GHz ~ 8GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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



5 Measurement Uncertainty

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

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standalone AP
DUT Vendor Name	Cambium Networks
DUT Product Model	ePMP 6GHz Force 4625 SM

Test Result

Test Requirements	Test Case Name	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)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDAU34_Frequency_10617_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_AFCDAU33_Frequency_10616_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_Frequency_10615_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_Frequency_160MHz_10614_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_Frequency_80MHz_10613_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_Frequency_40MHz_10612_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_Frequency_20MHz_10611_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_AFCDAU34_Frequency_10617_1 (Unsuccessful spectrum access update)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (23 dBm/MHz PSD) on channel 77 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in the Spectrum Inquiry Response	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDAU33_Frequency_10616_1 (Successful spectrum access update)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (21.51186374145199 dBm/MHz PSD) 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_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_SP_OPERATION_2	AFC DUT transmit with standard power in the band	false	PASS

	before the Spectrum Inquiry Response		
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (21.48340108262404 dBm/MHz PSD) on channel 73 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCUSA32_Frequency_10615_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_Frequency_160MHz_10614_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (11.204898233620966 dBm/MHz PSD) on channel center frequency index 15 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (11.46158277790695 dBm/MHz PSD) on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in	true	PASS

	adjacent frequencies		
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TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (12.04657282720421 dBm/MHz PSD) on channel center frequency index 135 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (12.878698134740052 dBm/MHz PSD) on channel center frequency index 71 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_Frequency_40MHz_10612_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (17.673925668371325 dBm/MHz PSD) on channel center frequency index 59 bandwidth 40.	true	PASS

AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (15.423986461134266 dBm/MHz PSD) on channel center frequency index 155 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

Test Case Name: CT_AFC_SP_AP_AFCDSA31_Frequency_20MHz_10611_1 (Successful registration and spectrum access request)
Test Result: PASS
Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (21.945841976046175 dBm/MHz PSD) on channel 157 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (21.39688000174155 dBm/MHz PSD) on channel 41 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Fixed Client
DUT Vendor Name	Cambium Networks
DUT Product Model	ePMP 6GHz Force 4625 SM

Test Result

FCU Requirements	TestCaseName	Test Result
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1(Unsuccessful spectrum access update)	PASS
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_FC_STA_AFCDUAU33_Frequency_10645_1(Successful spectrum access update)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)	CT_AFC_FC_STA_AFCDUA32_Frequency_10644_1(Unsuccessful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_Frequency_160MHz_10643_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_Frequency_80MHz_10642_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_Frequency_40MHz_10641_1(Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1(Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1 (Unsuccessful spectrum access update)
 TestResult: PASS
 Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (23 dBm/MHz PSD) on channel 149 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

TestCaseName: CT_AFC_FC_STA_AFCDSAU33_Frequency_10645_1 (Successful spectrum access update)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (21.43738621650831 dBm/MHz PSD) on channel 93 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_SP_OPERATION_2	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (16.35191030976737 dBm/MHz PSD) on channel 93 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDUSA32_Frequency_10644_1 (Unsuccessful registration and spectrum access request)
TestResult:PASS
Band:6GHz

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

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_Frequency_160MHz_10643_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (12.94477705349803 dBm/MHz PSD) on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (8.493876919351605 dBm/MHz PSD) on channel center frequency index 143 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_Frequency_80MHz_10642_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

TestComponent Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (16.144378699306202 dBm/MHz PSD) on channel center frequency index 151 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (18.529985163157335 dBm/MHz PSD) on channel center frequency index 55 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_Frequency_40MHz_10641_1 (Successful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (20.33021367247363 dBm/MHz PSD) on channel center frequency index 35 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (17.36612142769464 dBm/MHz PSD) on channel center frequency index 179 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1 (Successful registration and spectrum access request)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (21.12863237274767 dBm/MHz PSD) on channel 21 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (20.40188782834753 dBm/MHz PSD) on channel 133 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

CT_AFC_SP_AP_AFCRSA31_Frequency_20MHz_10611_1

2023-10-13T02:36:40Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "722",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "89663686",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
```



```
"ellipse": {
  "center": {
    "longitude": 121.019653,
    "latitude": 24.844633
  },
  "majorAxis": 7,
  "minorAxis": 7,
  "orientation": 0
},
"elevation": {
  "height": 11,
  "heightType": "AMSL",
  "verticalUncertainty": 12
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
```

```
##### 2023-10-13T02:36:40Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [],
"availableChannelInfo": [],
"requestId": "89663686",
"availabilityExpireTime": "2023-10-14T02:36:40Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2023-10-13T02:40:52Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "724",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2724643350",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
```

```
        "nra": [  
            "FCC"  
        ],  
        "id": [  
            "Z8H89FT0075"  
        ],  
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
    }  
]  
,  
"location": {  
    "ellipse": {  
        "center": {  
            "longitude": 121.019653,  
            "latitude": 24.844633  
        },  
        "majorAxis": 7,  
        "minorAxis": 7,  
        "orientation": 0  
    },  
    "elevation": {  
        "height": 11,  
        "heightType": "AMSL",  
        "verticalUncertainty": 12  
    },  
    "indoorDeployment": 2  
},  
"inquiredFrequencyRange": [  
    {  
        "lowFrequency": 5925,  
        "highFrequency": 6425  
    },  
    {  
        "lowFrequency": 6525,  
        "highFrequency": 6875  
    }  
],
```

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

##### 2023-10-13T02:40:53Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 11.009500802987993
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 11.652269013225435
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 21.746380137712716
        },
        {

```

```
"frequencyRange": {  
    "highFrequency": 6025,  
    "lowFrequency": 6005  
},  
"maxPsd": 11.440348796600418  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6045,  
        "lowFrequency": 6025  
    },  
    "maxPsd": 14.761827112144829  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6065,  
        "lowFrequency": 6045  
    },  
    "maxPsd": 15.606418802471822  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065  
    },  
    "maxPsd": 10.086916136194418  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6105,  
        "lowFrequency": 6085  
    },  
    "maxPsd": 16.520131325634274  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6285,
```

```
"lowFrequency": 6265
},
"maxPsd": 10.089904424792403
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 19.559829948642818
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 12.97301296475415
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 19.533006727611465
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.189080506873466
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  },
```

```
"maxPsd": 18.956323243869903
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 21.32924464233235
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 14.794484198106606
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 12.81031132756095
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 12.453843017836927
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 15.688141145601207
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.95463698919394
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.562536244905093
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 8.594215167216342
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 14.390065348638595
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 21.945841976046175
}
],
"requestId": "2724643350",
```

```
"availabilityExpireTime": "2023-10-14T02:40:53Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2023-10-13T02:48:20Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "724",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1614024769",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ]
            }
          ]
        }
      }
    ]
  }
}
```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.019653,
        "latitude": 24.844633
      },
      "majorAxis": 7,
      "minorAxis": 7,
      "orientation": 0
    },
    "elevation": {
      "height": 11,
      "heightType": "AMSL",
      "verticalUncertainty": 12
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```



2023-10-13T02:48:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 16.99514560537731
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 16.26314552118354
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 21.39688000174155
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
          },
          "maxPsd": 19.478881508803745
        }
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 11.513059535918323
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.472783841003233
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 14.954682750778765
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 16.32718515887072
}
],
"requestId": "1614024769",
"availabilityExpireTime": "2023-10-14T02:48:20Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSA31_Frequency_40MHz_10612_1

2023-10-13T07:06:29Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "722",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "89411787",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```

```
        "center": {
            "longitude": 121.019653,
            "latitude": 24.844608
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 17,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-13T07:06:29Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [],
"availableChannelInfo": [],
"requestId": "89411787",
"availabilityExpireTime": "2023-10-14T07:06:29Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2023-10-13T07:08:09Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "724",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2082131786",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
```

```
        "FCC"
      ],
      "id": [
        "Z8H89FT0075"
      ],
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.019653,
      "latitude": 24.844608
    },
    "majorAxis": 7,
    "minorAxis": 7,
    "orientation": 0
  },
  "elevation": {
    "height": 17,
    "heightType": "AMSL",
    "verticalUncertainty": 12
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```

```
    }
  ]
}

##### 2023-10-13T07:08:10Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 14.267132138863328
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 13.41405863590759
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 16.190849045390113
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 18.428645736872976
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 12.54976339146559
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 21.795092706711664
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 17.673925668371325
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 20.477928569759772
}
],
"requestId": "2082131786",
"availabilityExpireTime": "2023-10-14T07:08:09Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

##### 2023-10-13T07:18:22Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "724",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2285759359",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ]
  }
}
```

```
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.019653,
        "latitude": 24.844608
      },
      "majorAxis": 8,
      "minorAxis": 8,
      "orientation": 0
    },
    "elevation": {
      "height": 17,
      "heightType": "AMSL",
      "verticalUncertainty": 14
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```

```
##### 2023-10-13T07:18:22Z #####
{
```

```
"availableSpectrumInquiryResponses": [  
  {  
    "response": {  
      "responseCode": 0,  
      "shortDescription": "SUCCESS"  
    },  
    "availableFrequencyInfo": [  
      {  
        "frequencyRange": {  
          "highFrequency": 5965,  
          "lowFrequency": 5945  
        },  
        "maxPsd": 16.50057004990074  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 5985,  
          "lowFrequency": 5965  
        },  
        "maxPsd": 21.288047608494416  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6005,  
          "lowFrequency": 5985  
        },  
        "maxPsd": 20.63265556508912  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6025,  
          "lowFrequency": 6005  
        },  
        "maxPsd": 8.425495539953548  
      },  
      {  
        "frequencyRange": {
```

```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 8.505198253274466
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 13.863242845680043
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 12.279273427459108
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 21.30759850488254
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 20.041904665295103
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
```

```
    },  
    "maxPsd": 19.00444363628899  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6325,  
      "lowFrequency": 6305  
    },  
    "maxPsd": 17.690819542961776  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6345,  
      "lowFrequency": 6325  
    },  
    "maxPsd": 11.367635071403061  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6365,  
      "lowFrequency": 6345  
    },  
    "maxPsd": 10.471388295651401  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6385,  
      "lowFrequency": 6365  
    },  
    "maxPsd": 17.98735698678293  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6405,  
      "lowFrequency": 6385  
    },  
    "maxPsd": 10.779376068696788
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 14.55366040479376
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 10.311492859442744
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 9.88654902723785
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 13.48159246157984
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 9.481386652777166
},
{

```

```
        "frequencyRange": {
            "highFrequency": 6685,
            "lowFrequency": 6665
        },
        "maxPsd": 11.601958140311186
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 9.606562641151362
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 20.73104363080577
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 15.423986461134266
    }
],
"requestId": "2285759359",
"availabilityExpireTime": "2023-10-14T07:18:22Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSA31_Frequency_80MHz_10613_1

2023-10-13T03:45:31Z

{

"headers": {

"Host": "testserver.wfatestorg.org",

"Accept": "*//*",

"Content-Type": "application/json",

"X-Forwarded-For": "192.168.0.1",

"X-Forwarded-Host": "testserver.wfatestorg.org",

"X-Forwarded-Server": "testserver.wfatestorg.org",

"Content-Length": "723",

"Connection": "Keep-Alive"

},

"body": {

"version": "1.4",

"availableSpectrumInquiryRequests": [

{

"requestId": "602387725",

"deviceDescriptor": {

"serialNumber": "E6YJ00L8T1DM",

"rulesetIds": [

"US_47_CFR_PART_15_SUBPART_E"

],

"certificationId": [

{

"nra": [

"FCC"

],

"id": [

"Z8H89FT0075"

],

"rulesetId": "US_47_CFR_PART_15_SUBPART_E"

}

]

},

"location": {

"ellipse": {

```
        "center": {
            "longitude": 121.019653,
            "latitude": 24.844627
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 13,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-13T03:45:31Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 19.464881438240162
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 20.797673431763034
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 12.04657282720421
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 12.27618058283176
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 16.355210698143317
  }
]
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 11.06932251103348
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 13.819009297556455
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 21.636759095700604
    }
  ],
  "requestId": "602387725",
  "availabilityExpireTime": "2023-10-14T03:45:31Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

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

```
##### 2023-10-13T03:48:33Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
```

```
"X-Forwarded-For": "192.168.0.1",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "724",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1803538687",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0075"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019653,
            "latitude": 24.844627
          },
          "majorAxis": 7,
          "minorAxis": 7,
          "orientation": 0
        }
      }
    }
  ]
}
```

```
    },
    "elevation": {
      "height": 13,
      "heightType": "AMSL",
      "verticalUncertainty": 11
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```

2023-10-13T03:48:33Z

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

```
    },  
    "maxPsd": 9.450472741835156  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 5985,  
      "lowFrequency": 5965  
    },  
    "maxPsd": 13.779311637596203  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6005,  
      "lowFrequency": 5985  
    },  
    "maxPsd": 19.27803174519391  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6025,  
      "lowFrequency": 6005  
    },  
    "maxPsd": 14.826636896873785  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6045,  
      "lowFrequency": 6025  
    },  
    "maxPsd": 10.15972916033499  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6065,  
      "lowFrequency": 6045  
    },  
    "maxPsd": 15.151148347548437
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 13.970839337055239
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 12.956230213033532
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 18.23290869122451
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 12.394027152589857
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 14.483022421792494
},
{

```

```
"frequencyRange": {  
    "highFrequency": 6185,  
    "lowFrequency": 6165  
},  
"maxPsd": 11.358440322989924  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6205,  
        "lowFrequency": 6185  
    },  
    "maxPsd": 8.048461461826491  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
    },  
    "maxPsd": 9.65943086433713  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
    },  
    "maxPsd": 13.659973042679734  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
    },  
    "maxPsd": 12.0472984920056  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6285,
```

```
"lowFrequency": 6265
},
"maxPsd": 12.878698134740052
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 14.452256172564917
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 20.530276522799795
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 19.516353301563882
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 11.360908693922674
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  },
```

```
        "maxPsd": 16.481545382383658
      },
      {
        "frequencyRange": {
          "highFrequency": 6405,
          "lowFrequency": 6385
        },
        "maxPsd": 13.689846582586563
      },
      {
        "frequencyRange": {
          "highFrequency": 6425,
          "lowFrequency": 6405
        },
        "maxPsd": 15.01614274290757
      }
    ],
    "requestId": "1803538687",
    "availabilityExpireTime": "2023-10-14T03:48:33Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSA31_Frequency_160MHz_10614_1

2023-10-13T08:50:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "724",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2714867067",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```

```
        "center": {
            "longitude": 121.019653,
            "latitude": 24.844618
        },
        "majorAxis": 6,
        "minorAxis": 6,
        "orientation": 0
    },
    "elevation": {
        "height": 13,
        "heightType": "AMSL",
        "verticalUncertainty": 10
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-13T08:50:49Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 21.12883219411343
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 11.204898233620966
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 12.747311174577074
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 15.73302692490223
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 12.656764997310528
  }
]
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 16.512746982541785
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 13.06858791335971
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 16.412201725700942
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 11.652762151804868
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 12.632477983070029
},
{

```

```
"frequencyRange": {
  "highFrequency": 6165,
  "lowFrequency": 6145
},
"maxPsd": 20.55169077785027
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 18.23508977648995
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.070987789391616
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.873698540449373
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 15.909412769804607
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
"lowFrequency": 6245
},
"maxPsd": 8.216791461953541
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 8.821730457650327
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.808374502514269
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.218970599502587
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 14.030648667627371
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  },
```

```
        "maxPsd": 10.002768441771149
      },
      {
        "frequencyRange": {
          "highFrequency": 6705,
          "lowFrequency": 6685
        },
        "maxPsd": 14.706499720840519
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 14.37107866200204
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 14.822358490064843
      }
    ],
    "requestId": "2714867067",
    "availabilityExpireTime": "2023-10-14T08:50:49Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

```
##### 2023-10-13T09:04:54Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
  }
}
```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.1",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "724",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1832398832",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0075"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019653,
            "latitude": 24.844618
          },
          "majorAxis": 6,
          "minorAxis": 6,
```

```
        "orientation": 0
      },
      "elevation": {
        "height": 13,
        "heightType": "AMSL",
        "verticalUncertainty": 10
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2023-10-13T09:04:55Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
```

```
"lowFrequency": 6265
},
"maxPsd": 16.791435654419967
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 20.996922950869585
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 13.122264885359703
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 14.529348405504347
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 16.125854862024234
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  },
```

```
        "maxPsd": 11.46158277790695
      },
      {
        "frequencyRange": {
          "highFrequency": 6405,
          "lowFrequency": 6385
        },
        "maxPsd": 15.774145114754651
      },
      {
        "frequencyRange": {
          "highFrequency": 6425,
          "lowFrequency": 6405
        },
        "maxPsd": 14.81235130087132
      }
    ],
    "requestId": "1832398832",
    "availabilityExpireTime": "2023-10-14T09:04:54Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1

2023-10-16T05:53:44Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "723",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "609242392",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```

```
        "center": {
            "longitude": 121.019646,
            "latitude": 24.84461
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 14,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-16T05:53:44Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```



```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [],
"requestId": "609242392",
"availabilityExpireTime": "2023-10-17T05:53:44Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1

2023-10-16T06:51:26Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "724",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1889167263",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```

```
        "center": {
            "longitude": 121.019653,
            "latitude": 24.844616
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 17,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-16T06:51:26Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 20.734282596324782
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 21.51186374145199
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 13.036054325173417
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 18.307657312927983
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.192305616588921
  }
]
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 8.063419721461269
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 17.912851463927808
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.352438129045535
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 16.38484578771325
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 15.471568092262853
},
{

```

```
"frequencyRange": {  
    "highFrequency": 6165,  
    "lowFrequency": 6145  
},  
"maxPsd": 19.941269985773502  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
    },  
    "maxPsd": 20.66640484387561  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6205,  
        "lowFrequency": 6185  
    },  
    "maxPsd": 12.820292442977669  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
    },  
    "maxPsd": 13.447803855495149  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
    },  
    "maxPsd": 18.084581542422278  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6265,
```

```
"lowFrequency": 6245
},
"maxPsd": 20.550915130414406
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.185855133917677
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.03930203550136
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.075773246583257
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 8.294110422364357
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  },
```

```
        "maxPsd": 16.351786020003814
      },
      {
        "frequencyRange": {
          "highFrequency": 6705,
          "lowFrequency": 6685
        },
        "maxPsd": 21.740448377196167
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 16.41515500533599
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 20.847464674268146
      }
    ],
    "requestId": "1889167263",
    "availabilityExpireTime": "2023-10-17T06:51:26Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

```
##### 2023-10-16T07:01:00Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
  }
}
```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.1",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "713",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "90321503",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0075"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019646,
            "latitude": 24.844614
          },
          "majorAxis": 7,
          "minorAxis": 7,
```

```
        "orientation": 0
      },
      "elevation": {
        "height": 14,
        "heightType": "AMSL",
        "verticalUncertainty": 13
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2023-10-16T07:04:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
```

```
"lowFrequency": 6265
},
"maxPsd": 19.60019068861795
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 16.55148068782354
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 21.48340108262404
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 11.939898683659871
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 16.240614792048532
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  },
```

```
"maxPsd": 13.451933879357686
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 20.425528190548302
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 13.092446845812884
}
],
"requestId": "90321503",
"availabilityExpireTime": "2023-10-17T07:04:25Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2023-10-16T07:06:00Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "714",
    "Connection": "Keep-Alive"
  },

```

```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "390321532",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0075"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019646,
            "latitude": 24.844614
          },
          "majorAxis": 7,
          "minorAxis": 7,
          "orientation": 0
        },
        "elevation": {
          "height": 14,
          "heightType": "AMSL",
          "verticalUncertainty": 13
        }
      }
    }
  ]
}
```

```
        "indoorDeployment": 2
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5925,
          "highFrequency": 6425
        },
        {
          "lowFrequency": 6525,
          "highFrequency": 6875
        }
      ],
      "minDesiredPower": 10
    }
  ]
}
```

2023-10-16T07:06:00Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
          },
          "maxPsd": 19.60019068861795
        },
        {
          "frequencyRange": {
            "highFrequency": 6305,
```

```
"lowFrequency": 6285
},
"maxPsd": 16.55148068782354
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 21.48340108262404
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 11.939898683659871
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 16.240614792048532
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 13.451933879357686
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  },
```

```
        "maxPsd": 20.425528190548302
      },
      {
        "frequencyRange": {
          "highFrequency": 6425,
          "lowFrequency": 6405
        },
        "maxPsd": 13.092446845812884
      }
    ],
    "requestId": "390321532",
    "availabilityExpireTime": "2023-10-17T07:06:00Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDAU34_Frequency_10617_1

2023-10-16T07:24:30Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "714",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "951712855",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```

```
        "center": {
            "longitude": 121.019646,
            "latitude": 24.844614
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 14,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}

##### 2023-10-16T07:24:30Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5945,
      "lowFrequency": 5925
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 23
  }
]
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 23
},
{
```

```
"frequencyRange": {  
    "highFrequency": 6145,  
    "lowFrequency": 6125  
},  
"maxPsd": 23  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6165,  
        "lowFrequency": 6145  
    },  
    "maxPsd": 23  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
    },  
    "maxPsd": 23  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6205,  
        "lowFrequency": 6185  
    },  
    "maxPsd": 23  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
    },  
    "maxPsd": 23  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
    },
```

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 23
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
```

```
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 23
  }
],
"requestId": "951712855",
"availabilityExpireTime": "2023-10-17T07:24:30Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

```
"version": "1.4"
}

##### 2023-10-16T07:30:47Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.1",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "722",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "89765766",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0075"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      ]
    ],
  },
}
```

```
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.019653,
      "latitude": 24.844618
    },
    "majorAxis": 6,
    "minorAxis": 6,
    "orientation": 0
  },
  "elevation": {
    "height": 14,
    "heightType": "AMSL",
    "verticalUncertainty": 12
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
```

2023-10-16T07:30:47Z

```
{
  "availableSpectrumInquiryResponses": [
    {
```



```
"response": {  
  "responseCode": 0,  
  "shortDescription": "SUCCESS"  
},  
"availableFrequencyInfo": [],  
"requestId": "89765766",  
"availabilityExpireTime": "2023-10-17T07:30:47Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```



AFC capability - Inquired Frequency

CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1

2024-03-05T07:49:56Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "633",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3793335843",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 121.0197,
              "latitude": 24.8446
            },
            "majorAxis": 10,
            "minorAxis": 10,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
    },
    "elevation": {
      "height": 16,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```

2024-03-05T07:49:56Z

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

```
    },
    "maxPsd": 14.297661091323642
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 18.217840633825922
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 18.421588295629405
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 18.036495384611214
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 16.14266421829847
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 21.12863237274767
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 17.42253954833498
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.212400885975264
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 9.096683014864444
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 18.114618098880378
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 11.683366787564491
},
{
  "frequencyRange": {
```

```
"frequencyRange": {
  "highFrequency": 6185,
  "lowFrequency": 6165
},
"maxPsd": 19.0839580207104
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 12.582410499311687
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 10.767493344708399
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.781539120471294
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 9.646844940865758
},
{
  "frequencyRange": {
    "highFrequency": 6285,
```

```
        "lowFrequency": 6265
      },
      "maxPsd": 17.59483236655953
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 15.363237147681065
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 19.174832306872652
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 15.629890319386888
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 10.763273451337511
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
```

```
"maxPsd": 17.20844895509978
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 11.04539572016989
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 17.397920611975362
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 19.919362846595224
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 10.317914028760708
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 8.469876638959157
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 10.748639440637888
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.396655583318783
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.448131786667865
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 18.48149314381432
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.328750826827134
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 9.070268925336737
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 10.339146351046326
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 13.35500471398575
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 15.148564168504006
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 11.286602379331217
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
```

```
    },
    "maxPsd": 19.41767701865619
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 21.581392550193172
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 11.20977089963657
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 8.156719421981814
  }
],
"requestId": "3793335843",
"availabilityExpireTime": "2024-03-06T07:49:56Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-05T07:51:46Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
```

```
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.2",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "633",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1150169691",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 10,
      "minorAxis": 10,
      "orientation": 0
    },
    "elevation": {
      "height": 16,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    }
  },
}
```

```
        "indoorDeployment": 2
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5925,
          "highFrequency": 6425
        },
        {
          "lowFrequency": 6525,
          "highFrequency": 6875
        }
      ],
      "minDesiredPower": 10
    }
  ]
}
```

2024-03-05T07:51:46Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.297661091323642
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
```

```
        "lowFrequency": 5965
      },
      "maxPsd": 18.217840633825922
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 18.421588295629405
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 18.036495384611214
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 16.14266421829847
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 21.12863237274767
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
    },
```

```
"maxPsd": 17.42253954833498
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.212400885975264
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 9.096683014864444
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 18.114618098880378
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 11.683366787564491
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 19.0839580207104
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 12.582410499311687
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 10.767493344708399
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.781539120471294
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 9.646844940865758
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 17.59483236655953
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 15.363237147681065
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 19.174832306872652
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 15.629890319386888
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 10.763273451337511
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 17.20844895509978
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
```

```
    },
    "maxPsd": 11.04539572016989
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 17.397920611975362
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 19.919362846595224
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 10.317914028760708
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 8.469876638959157
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 10.748639440637888
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.396655583318783
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.448131786667865
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 18.48149314381432
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.328750826827134
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.070268925336737
},
{
```

```
"frequencyRange": {
  "highFrequency": 6725,
  "lowFrequency": 6705
},
"maxPsd": 10.339146351046326
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 13.35500471398575
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 15.148564168504006
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 11.286602379331217
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 19.41767701865619
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
        "lowFrequency": 6805
      },
      "maxPsd": 21.581392550193172
    },
    {
      "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
      },
      "maxPsd": 11.20977089963657
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 8.156719421981814
    }
  ],
  "requestId": "1150169691",
  "availabilityExpireTime": "2024-03-06T07:51:46Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-05T08:01:40Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "632",
```

"Connection": "Keep-Alive"

},

"body": {

"version": "1.4",

"availableSpectrumInquiryRequests": [

{

"requestId": "685622746",

"deviceDescriptor": {

"serialNumber": "E6YJ00L8T1DM",

"certificationId": [

{

"id": "Z8H89FT0075",

"rulesetId": "US_47_CFR_PART_15_SUBPART_E"

}

]

},

"location": {

"ellipse": {

"center": {

"longitude": 121.0197,

"latitude": 24.8446

},

"majorAxis": 10,

"minorAxis": 10,

"orientation": 0

},

"elevation": {

"height": 22,

"heightType": "AMSL",

"verticalUncertainty": 9

},

"indoorDeployment": 2

},

"inquiredFrequencyRange": [

{

"lowFrequency": 5925,

"highFrequency": 6425

```
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
}
}
```

2024-03-05T08:01:40Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 11.893827401069517
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 16.051045332385836
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 21.31523697212927
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 12.36059642991532
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 9.19830676075035
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 13.846557207826361
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 12.926095357167107
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
```

```
    },
    "maxPsd": 15.503156952490624
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 14.817373080207961
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 12.95176534918794
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 18.099493865073406
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 8.087383991507394
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 14.884169957824557
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.254984697159953
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 18.20916850631692
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 11.333363410245033
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.164652326988326
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 11.90027253785084
},
{

```

```
"frequencyRange": {
  "highFrequency": 6325,
  "lowFrequency": 6305
},
"maxPsd": 19.53621728315369
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 9.869564764103796
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 10.072078624870073
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 16.284151467653608
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 8.718383107346177
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```

```
        "lowFrequency": 6405
      },
      "maxPsd": 17.82470206331218
    },
    {
      "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
      },
      "maxPsd": 18.71921973513286
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 18.660684594686728
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 13.593203492203168
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 19.101756098811652
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
    },
```

```
"maxPsd": 20.40188782834753
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 9.129008943097329
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 11.598110415719848
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.21946610349633
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 20.577183381357848
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 10.99867154194898
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 15.328898635926588
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 9.069599536965615
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 14.50828475627391
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 14.77757636797228
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 19.889209788407918
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6845,
        "lowFrequency": 6825
      },
      "maxPsd": 12.787220755993356
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 12.043174478186469
    }
  ],
  "requestId": "685622746",
  "availabilityExpireTime": "2024-03-06T08:01:40Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-05T08:03:55Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "633",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
```

```
"requestId": "3647495637",
"deviceDescriptor": {
  "serialNumber": "E6YJ00L8T1DM",
  "certificationId": [
    {
      "id": "Z8H89FT0075",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.0197,
      "latitude": 24.8446
    },
    "majorAxis": 10,
    "minorAxis": 10,
    "orientation": 0
  },
  "elevation": {
    "height": 22,
    "heightType": "AMSL",
    "verticalUncertainty": 9
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

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

2024-03-05T08:03:55Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 11.893827401069517
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 16.051045332385836
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 21.31523697212927
        },
        {
```

```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 12.36059642991532
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 9.19830676075035
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 13.846557207826361
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 12.926095357167107
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.503156952490624
},
{
  "frequencyRange": {
    "highFrequency": 6125,
```

```
        "lowFrequency": 6105
      },
      "maxPsd": 14.817373080207961
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 12.95176534918794
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 18.099493865073406
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 8.087383991507394
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 14.884169957824557
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
    },
```

```
"maxPsd": 8.254984697159953
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 18.20916850631692
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 11.333363410245033
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.164652326988326
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 11.90027253785084
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 19.53621728315369
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 9.869564764103796
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 10.072078624870073
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 16.284151467653608
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 8.718383107346177
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 17.82470206331218
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 18.71921973513286
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 18.660684594686728
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 13.593203492203168
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 19.101756098811652
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 20.40188782834753
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
```

```
    },
    "maxPsd": 9.129008943097329
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 11.598110415719848
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 14.21946610349633
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 20.577183381357848
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 10.99867154194898
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 15.328898635926588
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 9.069599536965615
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 14.50828475627391
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 14.77757636797228
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 19.889209788407918
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 12.787220755993356
},
{

```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
"frequencyRange": {  
  "highFrequency": 6865,  
  "lowFrequency": 6845  
},  
"maxPsd": 12.043174478186469  
}  
],  
"requestId": "3647495637",  
"availabilityExpireTime": "2024-03-06T08:03:55Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

CT_AFC_FC_STA_AFCRSA31_Frequency_40MHz_10641_1

2024-03-06T01:49:29Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "631",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1709943465",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 121.0197,
              "latitude": 24.8446
            },
            "majorAxis": 9,
            "minorAxis": 9,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
"elevation": {
  "height": 35,
  "heightType": "AMSL",
  "verticalUncertainty": 9
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
}
```

2024-03-06T01:49:29Z

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

```

```
"maxPsd": 17.086520432279208
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 21.147458417678607
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 9.073364168257898
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 12.468078056537095
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 16.145686340735068
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 17.909296826813396
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 20.919176333137507
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.435467421281391
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 21.915424603962954
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.33021367247363
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 8.075556093786686
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 15.600225650605609
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.016855419433256
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 10.211781842506051
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 12.726365505560087
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 17.27973372510653
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 14.75250494633257
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 12.64952870134668
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 19.292345130342
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 15.238948154274043
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 15.05441441025229
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 20.783812937141516
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 16.010582686868425
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 16.5361532993561
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 14.768847099665111
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 19.06237768479217
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 9.804182327495422
},
{

```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 15.14101036788155
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.215385736227002
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.047334682185344
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 9.6131197359901
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 13.802618029915692
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 15.568641136358291
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 13.863830377867238
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 21.531088761232198
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 14.515317258705815
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 8.505024831747434
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
"maxPsd": 15.924138542882332
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 11.911453893998585
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 12.907854844502225
},
{
  "frequencyRange": {
    "highFrequency": 6865,
    "lowFrequency": 6845
  },
  "maxPsd": 21.241745550087025
}
],
"requestId": "1709943465",
"availabilityExpireTime": "2024-03-07T01:49:29Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-03-06T01:54:39Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",

```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.2",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "631",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1589173083",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 9,
      "minorAxis": 9,
      "orientation": 0
    },
    "elevation": {
      "height": 35,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    }
  },
  "indoorDeployment": 2
}
```

```
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2024-03-06T01:54:39Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.086520432279208
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 21.147458417678607
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 9.073364168257898
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 12.468078056537095
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 16.145686340735068
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 17.909296826813396
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 20.919176333137507
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.435467421281391
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 21.915424603962954
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.33021367247363
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 8.075556093786686
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 15.600225650605609
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 19.016855419433256
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 10.211781842506051
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 12.726365505560087
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 17.27973372510653
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 14.75250494633257
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 12.64952870134668
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 19.292345130342
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 15.238948154274043
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 15.05441441025229
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 20.783812937141516
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
"maxPsd": 16.010582686868425
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 16.5361532993561
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 14.768847099665111
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 19.06237768479217
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 9.804182327495422
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 15.14101036788155
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.215385736227002
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.047334682185344
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 9.6131197359901
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 13.802618029915692
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 15.568641136358291
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 13.863830377867238
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 21.531088761232198
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 14.515317258705815
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 8.505024831747434
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 15.924138542882332
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```

```
    },
    "maxPsd": 11.911453893998585
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 12.907854844502225
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 21.241745550087025
  }
],
"requestId": "1589173083",
"availabilityExpireTime": "2024-03-07T01:54:39Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-06T02:01:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "630",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "134039367",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 9,
      "minorAxis": 9,
      "orientation": 0
    },
    "elevation": {
      "height": 35,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```

```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"minDesiredPower": 10
]
}
```

2024-03-06T02:01:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.744747363640988
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 14.339378705339739
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 12.107420184655293
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 11.20148990966978
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 17.30046702425864
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 14.447720725799648
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 13.702613804938636
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
```

```
"maxPsd": 17.06335246964816
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 17.667790192534525
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 19.377304449714824
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 19.908478783602845
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 10.859029214897923
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 13.683390056782597
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 19.429395671017087
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 13.4276396506915
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.625650089588653
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 10.110701145747639
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 19.18819956384936
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 14.196047546843841
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 17.796567001463316
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 15.168332169926522
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 18.046765944390707
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 14.982240855098695
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
```

```
    },
    "maxPsd": 11.837969678425447
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 16.343883724079184
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 8.269308664060913
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 14.99471448796967
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 18.82786965426549
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 14.901739615537407
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.970892681026152
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 13.832730073542862
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.116937773708978
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 10.985769174395198
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 9.612105230187849
},
{

```

```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 8.803174654050432
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 8.031115190494804
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 17.38800001411614
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 8.267405245434023
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 15.88438846857173
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```

```
        "lowFrequency": 6825
      },
      "maxPsd": 18.61459222815944
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 17.36612142769464
    }
  ],
  "requestId": "134039367",
  "availabilityExpireTime": "2024-03-07T02:01:25Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-06T02:08:59Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "630",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "951966551",
```

```
"deviceDescriptor": {
  "serialNumber": "E6YJ00L8T1DM",
  "certificationId": [
    {
      "id": "Z8H89FT0075",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.0197,
      "latitude": 24.8446
    },
    "majorAxis": 9,
    "minorAxis": 9,
    "orientation": 0
  },
  "elevation": {
    "height": 35,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```



```
}  
]  
}  
}
```

2024-03-06T02:08:59Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 8.744747363640988  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 14.339378705339739  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 12.107420184655293  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 11.20148990966978
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 17.30046702425864
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 14.447720725799648
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 13.702613804938636
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 17.06335246964816
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
```

```
    },
    "maxPsd": 17.667790192534525
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 19.377304449714824
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 19.908478783602845
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 10.859029214897923
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 13.683390056782597
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 19.429395671017087
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 13.4276396506915
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.625650089588653
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 10.110701145747639
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 19.18819956384936
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 14.196047546843841
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 17.796567001463316
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 15.168332169926522
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 18.046765944390707
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.982240855098695
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 11.837969678425447
},
{
  "frequencyRange": {
    "highFrequency": 6545,
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```
        "lowFrequency": 6525
      },
      "maxPsd": 16.343883724079184
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 8.269308664060913
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 14.99471448796967
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 18.82786965426549
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 14.901739615537407
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
    },
```

```
"maxPsd": 11.970892681026152
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 13.832730073542862
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.116937773708978
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 10.985769174395198
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 9.612105230187849
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.803174654050432
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 8.031115190494804
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 17.38800001411614
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 8.267405245434023
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 15.88438846857173
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 18.61459222815944
},
{
  "frequencyRange": {
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
        "highFrequency": 6865,
        "lowFrequency": 6845
    },
    "maxPsd": 17.36612142769464
}
],
"requestId": "951966551",
"availabilityExpireTime": "2024-03-07T02:08:59Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_FC_STA_AFCRSA31_Frequency_80MHz_10642_1

2024-03-07T02:13:40Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "634",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1141628777",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 121.0197,
              "latitude": 24.8446
            },
            "majorAxis": 24,
            "minorAxis": 24,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
"elevation": {
  "height": 21,
  "heightType": "AMSL",
  "verticalUncertainty": 43
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
}
```

2024-03-07T02:13:40Z

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

```

```
"maxPsd": 14.939914458874625
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 20.43373156940556
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 17.01918127020226
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 20.002097935388008
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 14.678626309617156
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 16.40492976768017
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.621664298514922
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 21.260735767383537
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 11.659920441988097
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 11.227961755218434
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 8.995738381185616
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 10.465354060059028
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 18.652901245311
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 9.256787543027519
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 14.048436541436534
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 20.38755417837627
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 15.80109848216545
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 19.534423166321574
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 21.87724713927311
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 9.076886939009198
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 11.898690340527297
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 8.456519471994156
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 21.182333552669103
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 17.199110076741388
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 21.751968664989207
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 9.849785437986906
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 17.135080063973575
},
{

```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 19.748933615091964
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 20.133013467480936
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.83280052261189
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 8.981082171525124
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 16.144378699306202
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 21.988177597634323
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 17.281109792773375
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 16.41457723771848
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 21.52008830506228
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 11.33930383745654
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
```

```
        "maxPsd": 16.306260985214116
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 16.635355547201428
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 16.53764829248704
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 18.185769811959318
      }
    ],
    "requestId": "1141628777",
    "availabilityExpireTime": "2024-03-08T02:13:40Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2024-03-07T02:19:51Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.2",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "633",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "335142472",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 22,
      "minorAxis": 22,
      "orientation": 0
    },
    "elevation": {
      "height": 21,
      "heightType": "AMSL",
      "verticalUncertainty": 38
    }
  },
  "indoorDeployment": 2
}
```

```
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2024-03-07T02:19:51Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.939914458874625
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 20.43373156940556
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 17.01918127020226
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 20.002097935388008
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.678626309617156
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 16.40492976768017
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 14.621664298514922
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 21.260735767383537
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 11.659920441988097
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 11.227961755218434
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 8.995738381185616
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 10.465354060059028
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 18.652901245311
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.256787543027519
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 14.048436541436534
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 20.38755417837627
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 15.80109848216545
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 19.534423166321574
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 21.87724713927311
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 9.076886939009198
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 11.898690340527297
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 8.456519471994156
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
"maxPsd": 21.182333552669103
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 17.199110076741388
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 21.751968664989207
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 9.849785437986906
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 17.135080063973575
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.748933615091964
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 20.133013467480936
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.83280052261189
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 8.981082171525124
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 16.144378699306202
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.988177597634323
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 17.281109792773375
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 16.41457723771848
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 21.52008830506228
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 11.33930383745654
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 16.306260985214116
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```

```
    },
    "maxPsd": 16.635355547201428
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 16.53764829248704
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 18.185769811959318
  }
],
"requestId": "335142472",
"availabilityExpireTime": "2024-03-08T02:19:51Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-07T02:26:10Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "634",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1401854460",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 21,
      "minorAxis": 21,
      "orientation": 0
    },
    "elevation": {
      "height": 21,
      "heightType": "AMSL",
      "verticalUncertainty": 35
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```

```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"minDesiredPower": 10
}
]
```

2024-03-07T02:26:10Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.045064086727752
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 13.96353618209679
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 20.6703921997624
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 21.22942080978685
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 21.22751732294727
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 19.95225331224893
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 8.704725569222445
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```

```
"maxPsd": 21.217420955212084
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.410250615074496
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 14.464721370925494
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 8.904175042361082
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 13.621938482680928
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 21.136007140846456
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 18.529985163157335
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 20.962393903725687
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.467910098923483
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.08657436712341
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 13.361525609116928
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 16.439439041659114
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 10.868144649782145
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 15.192774100219582
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 9.146582564347426
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 15.244299814922929
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
```

```
    },
    "maxPsd": 9.193110314488576
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 19.353321821315397
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 13.050843879494446
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 11.60992652021762
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 14.130505349807514
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 16.931492551200233
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 12.414618930220886
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.170404533623778
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.668027930642655
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 19.83894533690134
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 19.080884024913676
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 12.21471412028731
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 20.765812534397824
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 21.977463264531977
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 15.447541196930633
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 21.07192015763109
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```

```
        "lowFrequency": 6825
      },
      "maxPsd": 18.813739505933768
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 10.170612273532967
    }
  ],
  "requestId": "1401854460",
  "availabilityExpireTime": "2024-03-08T02:26:10Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-07T02:29:32Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "634",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "4148098282",
```

```
"deviceDescriptor": {
  "serialNumber": "E6YJ00L8T1DM",
  "certificationId": [
    {
      "id": "Z8H89FT0075",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.0197,
      "latitude": 24.8446
    },
    "majorAxis": 21,
    "minorAxis": 21,
    "orientation": 0
  },
  "elevation": {
    "height": 21,
    "heightType": "AMSL",
    "verticalUncertainty": 34
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```



```
}  
]  
}  
}
```

2024-03-07T02:29:32Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 14.045064086727752  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 13.96353618209679  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 20.6703921997624  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 21.22942080978685
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.22751732294727
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 19.95225331224893
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 8.704725569222445
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 21.217420955212084
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
```

```
    },
    "maxPsd": 20.410250615074496
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 14.464721370925494
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 8.904175042361082
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 13.621938482680928
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 21.136007140846456
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 18.529985163157335
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 20.962393903725687
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.467910098923483
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.08657436712341
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 13.361525609116928
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 16.439439041659114
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 10.868144649782145
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 15.192774100219582
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 9.146582564347426
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 15.244299814922929
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 9.193110314488576
},
{
  "frequencyRange": {
    "highFrequency": 6545,
```

```
        "lowFrequency": 6525
      },
      "maxPsd": 19.353321821315397
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 13.050843879494446
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 11.60992652021762
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 14.130505349807514
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 16.931492551200233
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
    },
```

```
"maxPsd": 12.414618930220886
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.170404533623778
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.668027930642655
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 19.83894533690134
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 19.080884024913676
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 12.21471412028731
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 20.765812534397824
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 21.977463264531977
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 15.447541196930633
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 21.07192015763109
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 18.813739505933768
},
{
  "frequencyRange": {
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
        "highFrequency": 6865,  
        "lowFrequency": 6845  
    },  
    "maxPsd": 10.170612273532967  
  }  
],  
  "requestId": "4148098282",  
  "availabilityExpireTime": "2024-03-08T02:29:32Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

CT_AFC_FC_STA_AFCRSA31_Frequency_160MHz_10643_1

2024-03-07T08:06:11Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "634",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2053373742",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 121.0197,
              "latitude": 24.8446
            },
            "majorAxis": 10,
            "minorAxis": 10,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```

```
"elevation": {
  "height": 14,
  "heightType": "AMSL",
  "verticalUncertainty": 19
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
}
```

2024-03-07T08:06:11Z

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

```

```
"maxPsd": 17.89606431007814
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 21.217013901566382
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 19.164495732454245
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 16.82108015357972
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 8.579044238881554
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 10.089035207967616
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.22747941794713
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 17.024334273836576
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 16.644508404518042
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 9.475001605517896
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 19.033448698229567
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 12.59113641249803
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 21.13618085836593
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 11.50430412439443
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 15.943157990891839
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 21.072370157193447
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 19.5525680737334
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 19.794607601606618
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 14.823140398227796
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 20.602467527520332
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 19.845471173768765
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 12.94477705349803
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 21.356054057524602
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 16.59095179812983
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 10.223160372930538
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 15.670581801398097
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 18.24840031555628
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 21.355908293042102
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.533363129526574
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 13.665280665526897
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.51941448620792
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.607306256720607
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 13.11115492339459
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 15.22996818384634
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 10.19240891277462
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 14.48016132002585
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 16.143483278310836
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
"maxPsd": 11.170994627856107
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 21.692454211380877
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 18.855767670802827
},
{
  "frequencyRange": {
    "highFrequency": 6865,
    "lowFrequency": 6845
  },
  "maxPsd": 10.969980241109518
}
],
"requestId": "2053373742",
"availabilityExpireTime": "2024-03-08T08:06:11Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-03-07T08:13:30Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",

```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.2",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "634",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1077647473",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 10,
      "minorAxis": 10,
      "orientation": 0
    },
    "elevation": {
      "height": 14,
      "heightType": "AMSL",
      "verticalUncertainty": 18
    },
    "indoorDeployment": 2
  }
}
```

```
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2024-03-07T08:13:30Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.89606431007814
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 21.217013901566382
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 19.164495732454245
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 16.82108015357972
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 8.579044238881554
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 10.089035207967616
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 14.22747941794713
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 17.024334273836576
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 16.644508404518042
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 9.475001605517896
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 19.033448698229567
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 12.59113641249803
},
{

```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 21.13618085836593
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.50430412439443
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 15.943157990891839
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 21.072370157193447
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 19.5525680737334
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 19.794607601606618
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 14.823140398227796
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 20.602467527520332
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 19.845471173768765
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 12.94477705349803
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
"maxPsd": 21.356054057524602
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 16.59095179812983
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 10.223160372930538
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 15.670581801398097
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 18.24840031555628
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 21.355908293042102
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.533363129526574
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 13.665280665526897
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.51941448620792
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.607306256720607
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.11115492339459
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 15.22996818384634
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 10.19240891277462
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 14.48016132002585
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 16.143483278310836
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 11.170994627856107
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```

```
    },
    "maxPsd": 21.692454211380877
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 18.855767670802827
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 10.969980241109518
  }
],
"requestId": "1077647473",
"availabilityExpireTime": "2024-03-08T08:13:30Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-07T08:18:02Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "634",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "3508721875",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 10,
      "minorAxis": 10,
      "orientation": 0
    },
    "elevation": {
      "height": 14,
      "heightType": "AMSL",
      "verticalUncertainty": 17
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```

```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
}
],
"minDesiredPower": 10
}
]
}
}
```

2024-03-07T08:18:02Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 16.01045025490685
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 10.914217674765787
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 14.697578323988843
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 18.76754802760948
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 8.510749052288151
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 16.763166783040553
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 11.117755052426569
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```

```
"maxPsd": 14.3718223139053
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 14.186773420665025
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 16.213378724374287
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 14.075713081361188
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 8.138268312351261
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.52030338807477
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.610788100796032
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 14.783955112249398
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 13.288835322894661
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 14.428734907307188
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 21.451679602716183
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 8.38639531964029
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 9.04941474805321
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 11.978061691094233
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 17.954612719755247
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 18.925372926821986
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
```

```
    },
    "maxPsd": 16.31960616785699
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 11.780083816734727
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 14.185528081467215
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 17.83792122026166
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 20.59686008642047
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 14.125616356242404
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 12.33943058046549
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.23988382955102
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.412892735193484
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 8.493876919351605
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.490452624912898
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 15.348490124116324
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 21.363021154886464
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 8.63650042153137
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 16.544597285366216
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 16.3975342790281
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```

```
        "lowFrequency": 6825
      },
      "maxPsd": 12.964771254214282
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 17.991440768140794
    }
  ],
  "requestId": "3508721875",
  "availabilityExpireTime": "2024-03-08T08:18:02Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-07T08:22:30Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "632",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2241695038",
```

```
"deviceDescriptor": {
  "serialNumber": "E6YJ00L8T1DM",
  "certificationId": [
    {
      "id": "Z8H89FT0075",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.0197,
      "latitude": 24.8446
    },
    "majorAxis": 9,
    "minorAxis": 9,
    "orientation": 0
  },
  "elevation": {
    "height": 14,
    "heightType": "AMSL",
    "verticalUncertainty": 16
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```



```
}  
]  
}  
}
```

2024-03-07T08:22:30Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 16.01045025490685  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 10.914217674765787  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 14.697578323988843  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 18.76754802760948
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 8.510749052288151
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 16.763166783040553
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 11.117755052426569
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 14.3718223139053
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
```

```
    },
    "maxPsd": 14.186773420665025
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 16.213378724374287
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 14.075713081361188
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 8.138268312351261
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 10.52030338807477
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 11.610788100796032
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 14.783955112249398
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 13.288835322894661
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 14.428734907307188
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 21.451679602716183
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 8.38639531964029
},
{

```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 9.04941474805321
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 11.978061691094233
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 17.954612719755247
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 18.925372926821986
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 16.31960616785699
},
{
  "frequencyRange": {
    "highFrequency": 6545,
```

```
        "lowFrequency": 6525
      },
      "maxPsd": 11.780083816734727
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 14.185528081467215
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 17.83792122026166
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 20.59686008642047
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 14.125616356242404
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
```

```
"maxPsd": 12.33943058046549
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.23988382955102
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.412892735193484
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 8.493876919351605
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.490452624912898
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 15.348490124116324
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 21.363021154886464
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 8.63650042153137
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 16.544597285366216
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 16.3975342790281
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 12.964771254214282
},
{
  "frequencyRange": {
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
        "highFrequency": 6865,  
        "lowFrequency": 6845  
    },  
    "maxPsd": 17.991440768140794  
  },  
],  
  "requestId": "2241695038",  
  "availabilityExpireTime": "2024-03-08T08:22:30Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

CT_AFC_FC_STA_AFCDUSA32_Frequency_10644_1

2024-03-07T03:17:03Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "634",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "4194341340",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": 121.0197,
          "latitude": 24.8446
        },
        "majorAxis": 22,
        "minorAxis": 22,
        "orientation": 0
      }
    }
  }
}
```

```
"elevation": {
  "height": 21,
  "heightType": "AMSL",
  "verticalUncertainty": 30
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
}

##### 2024-03-07T03:17:03Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "4194341340",
      "availabilityExpireTime": "2024-03-08T03:17:03Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
}
```



"version": "1.4"

}

CT_AFC_FC_STA_AFCDSAU33_Frequency_10645_1

2024-03-07T03:19:27Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "633",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "440428889",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": 121.0197,
          "latitude": 24.8446
        },
        "majorAxis": 22,
        "minorAxis": 22,
        "orientation": 0
      }
    }
  }
}
```

```
"elevation": {
  "height": 21,
  "heightType": "AMSL",
  "verticalUncertainty": 30
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
}
```

2024-03-07T03:19:27Z

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

```

```
"maxPsd": 20.722605085631557
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 13.559862042436354
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 8.106843192064305
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 9.019693675987932
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 14.641293248066356
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 16.149673708980963
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.041931360526217
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 14.736298336511165
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 17.935753038762744
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 18.858623035076214
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 12.922662074415388
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 20.01133590166081
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 16.214032264836515
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.57999019385089
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 21.014772489862168
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 12.114065863163056
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 16.46530120728019
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 19.202227082196835
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 8.246327986543381
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 18.176227003269574
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 14.972027208798846
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 8.203855262101658
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 12.602485571320685
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.43738621650831
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 18.83284249892376
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 19.547849366669546
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 14.856947395887975
},
{

```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 9.550075850929804
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.50841836110773
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.90825435629725
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 20.050972547072263
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 19.054932481110836
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 18.399993471888372
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 9.537891384283691
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 20.72452714934544
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 20.01279056032402
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 12.8895272239996
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```

```
        "maxPsd": 9.86130908840053
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 8.062089245149018
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 14.582982703681502
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 16.92799849807772
      }
    ],
    "requestId": "440428889",
    "availabilityExpireTime": "2024-03-08T03:19:27Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

```
##### 2024-03-07T03:25:41Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",

```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.2",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "634",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "4202595777",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 23,
      "minorAxis": 23,
      "orientation": 0
    },
    "elevation": {
      "height": 14,
      "heightType": "AMSL",
      "verticalUncertainty": 31
    },
    "indoorDeployment": 2
  }
}
```

```
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2024-03-07T03:25:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.722605085631557
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 13.559862042436354
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 8.106843192064305
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 9.019693675987932
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.641293248066356
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 16.149673708980963
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 15.041931360526217
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 14.736298336511165
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 17.935753038762744
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 18.858623035076214
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 12.922662074415388
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 20.01133590166081
},
{
  }
```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 16.214032264836515
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.57999019385089
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.014772489862168
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.114065863163056
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 16.46530120728019
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 19.202227082196835
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 8.246327986543381
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 18.176227003269574
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 14.972027208798846
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 8.203855262101658
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
"maxPsd": 12.602485571320685
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.43738621650831
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 18.83284249892376
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 19.547849366669546
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 14.856947395887975
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 9.550075850929804
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.50841836110773
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.90825435629725
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 20.050972547072263
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 19.054932481110836
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 18.399993471888372
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 9.537891384283691
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 20.72452714934544
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 20.01279056032402
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 12.8895272239996
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.86130908840053
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```

```
    },
    "maxPsd": 8.062089245149018
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 14.582982703681502
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 16.92799849807772
  }
],
"requestId": "4202595777",
"availabilityExpireTime": "2024-03-08T03:25:41Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-03-07T03:33:54Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "633",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "2796637172",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 16,
      "minorAxis": 16,
      "orientation": 0
    },
    "elevation": {
      "height": 12,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```

```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"minDesiredPower": 10
]
}
```

2024-03-07T03:38:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 9.296114876207918
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 11.67796876442464
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 14.80799080797692
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 16.203945017223635
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 19.112937275111776
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 21.768020291755192
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 11.319248735670651
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
```

```
"maxPsd": 11.012035082292751
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.489188808830846
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 15.612486900318354
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 18.541208192312894
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 14.163516044354687
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 11.502269637876338
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.595240946969154
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 8.02279912782117
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 9.302654797552613
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.846886445692332
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 11.066312017041685
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 9.614154298826307
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.054615075382152
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 21.78454499578145
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 16.569045535508693
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 16.72169215785656
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
```

```
    },
    "maxPsd": 16.35191030976737
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 11.885068168065917
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 19.724032052851303
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 12.754404075490903
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 12.036123800783853
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 9.164660255397482
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 17.74896147419378
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.51010073543777
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.900115936028257
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 8.93781601982145
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 13.945892365965484
},
{

```

```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 8.292555316734253
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 20.116075441146947
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 21.98481148679449
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 11.29592642295129
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 16.971190707495126
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```



DUT Spectrum Inquiry Request/Response Logs For Fixed Client Appendix B.2

```
        "lowFrequency": 6825
      },
      "maxPsd": 16.923453566879797
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 8.833609686274968
    }
  ],
  "requestId": "2796637172",
  "availabilityExpireTime": "2024-03-08T03:38:20Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1

2024-03-07T06:20:30Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.2",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "633",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1001738482",
        "deviceDescriptor": {
          "serialNumber": "E6YJ00L8T1DM",
          "certificationId": [
            {
              "id": "Z8H89FT0075",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": 121.0197,
          "latitude": 24.8446
        },
        "majorAxis": 13,
        "minorAxis": 13,
        "orientation": 0
      }
    }
  }
}
```

```
"elevation": {
  "height": 19,
  "heightType": "AMSL",
  "verticalUncertainty": 9
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
}
```

2024-03-07T06:20:30Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5945,
            "lowFrequency": 5925
          },

```

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 5965,
    "lowFrequency": 5945
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 23
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 23
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 23
},
{
```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },

```

```
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 23
      }
    ],
    "requestId": "1001738482",
    "availabilityExpireTime": "2024-03-08T06:20:30Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2024-03-07T06:23:29Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.0.2",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "633",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1310705212",
      "deviceDescriptor": {
        "serialNumber": "E6YJ00L8T1DM",
        "certificationId": [
          {
            "id": "Z8H89FT0075",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.0197,
        "latitude": 24.8446
      },
      "majorAxis": 13,
      "minorAxis": 13,
      "orientation": 0
    },
    "elevation": {
      "height": 19,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    }
  },
  "indoorDeployment": 2
}
```

```
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

2024-03-07T06:23:29Z

```
{
  "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
  },
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}
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AFC capability - Inquired Frequency
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
6735	SP	20	26.22	4.12	30.34	-	N/A	-8.74	17.48	21.94	Pass
6155	SP	20	25.38	3.78	29.16	-	N/A	-8.42	16.96	21.39	Pass
6245	SP	40	25.38	3.51	28.89	-	N/A	-11.63	13.75	17.67	Pass
6725	SP	40	26.22	0.99	27.21	-	N/A	-14.47	11.75	15.42	Pass
6625	SP	80	26.22	0.90	27.12	-	N/A	-17.80	8.42	12.04	Pass
6305	SP	80	25.38	1.84	27.22	-	N/A	-16.66	8.72	12.87	Pass
6025	SP	160	25.38	5.25	30.63	-	N/A	-16.63	8.75	11.20	Pass
6345	SP	160	25.38	3.83	29.21	-	N/A	-17.92	7.46	11.46	Pass

AFCD.SAU: Successful spectrum access update

Freq. (MHz)	Mode (LPI or SP)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	AFC Response Limit (dBm)	Result	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)	Result
5975	SP	20	25.38	5.91	31.29	-	N/A	-6.90	18.48	21.51	Pass
6315	SP	20	25.38	4.74	30.12	-	N/A	-7.20	18.18	21.48	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
6335	SP	20	25.38	4.51	29.89	-	N/A	-8.08	17.30	23.00	Pass

AFC capability - Inquired Frequency

CT_AFC_SP_AP_AFCRSA31_Frequency_20MHz_10611_1

Frequency (MHz): 6735

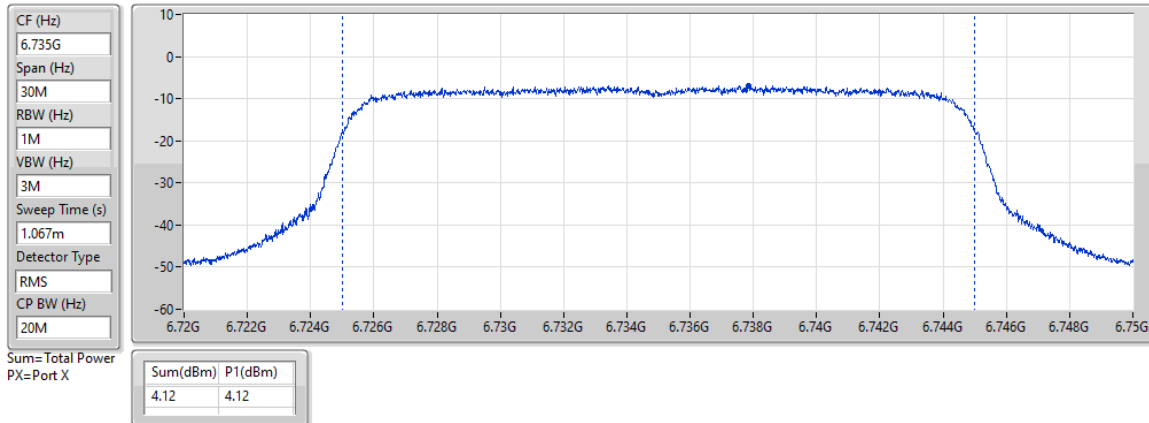
6.525-6.875GHz

AV Power

6735MHz_TX

13/10/2023

Port 1



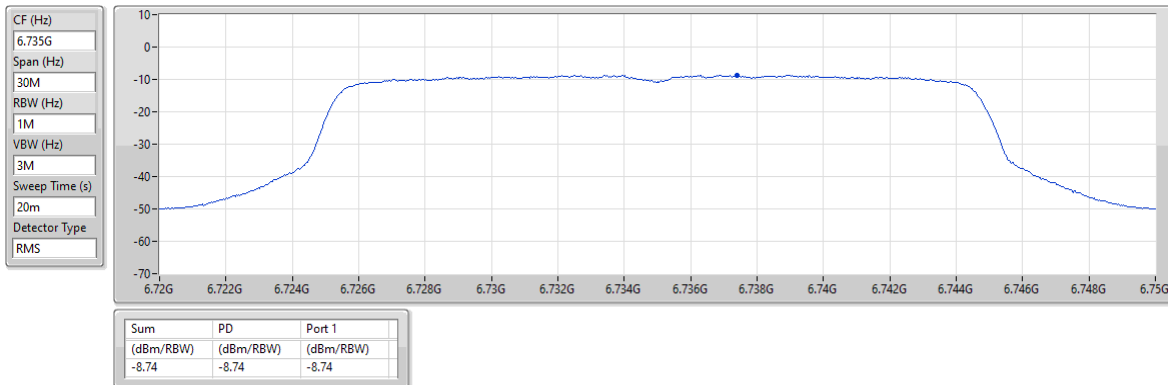
6.525-6.875GHz

PSD

6735MHz

13/10/2023

Port 1



Frequency (MHz): 6155

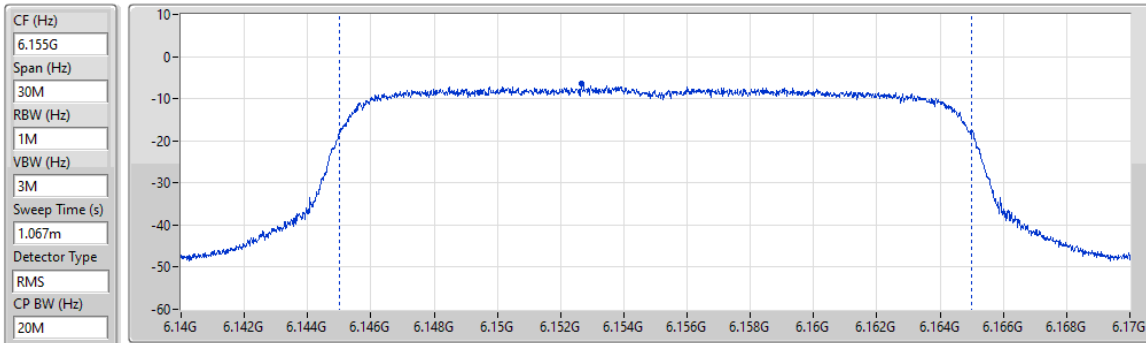
5.925-6.425GHz

AV Power

6155MHz_TX

13/10/2023

Port 1



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
3.78	3.78

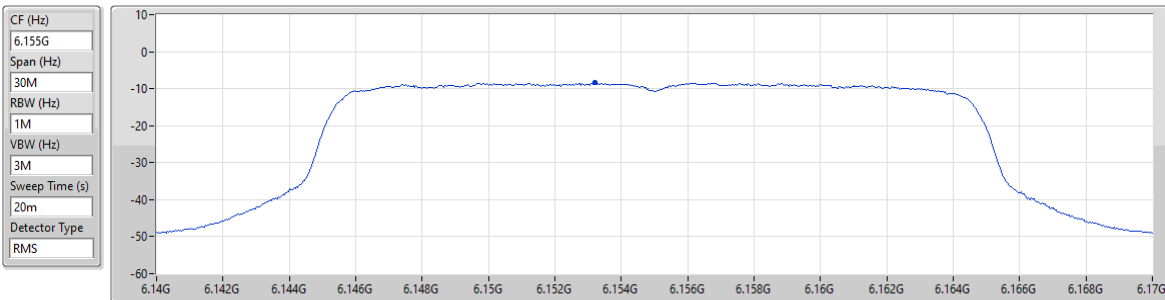
5.925-6.425GHz

PSD

6155MHz

13/10/2023

Port 1



Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-8.42	-8.42	-8.42

CT_AFC_SP_AP_AFCRSA31_Frequency_40MHz_10612_1

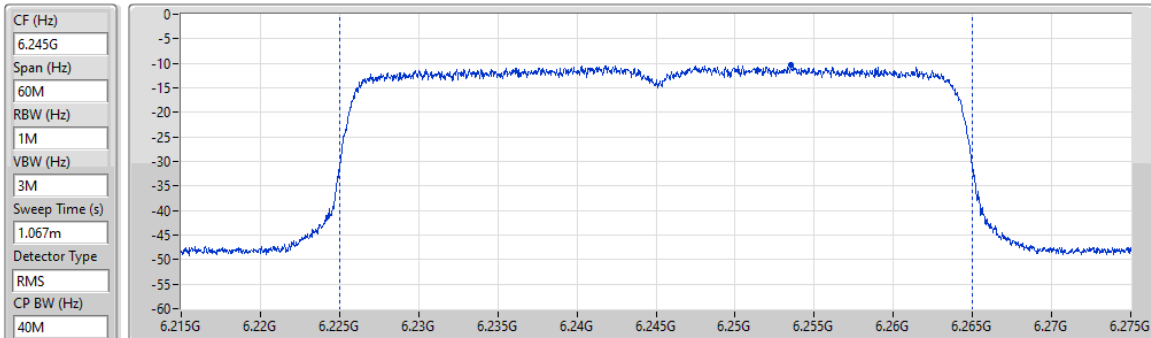
Frequency (MHz): 6245

5.925-6.425GHz

AV Power

6245MHz_TX

13/10/2023



Port 1

Sum= Total Power
PX=Port X

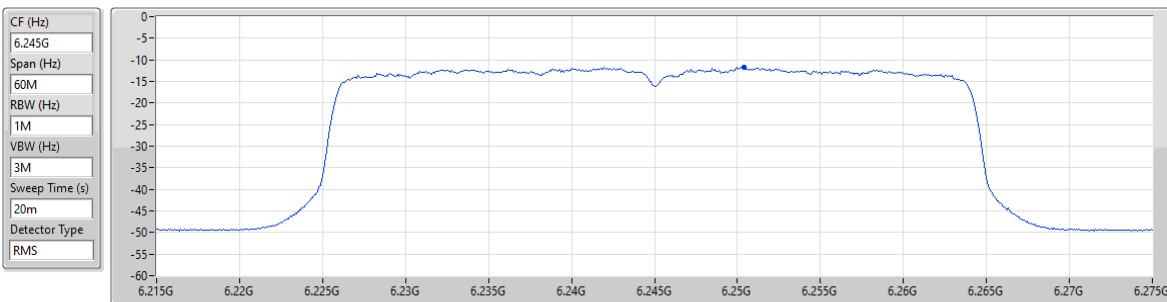
Sum(dBm)	P1(dBm)
3.51	3.51

5.925-6.425GHz

PSD

6245MHz

13/10/2023



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.63	-11.63	-11.63

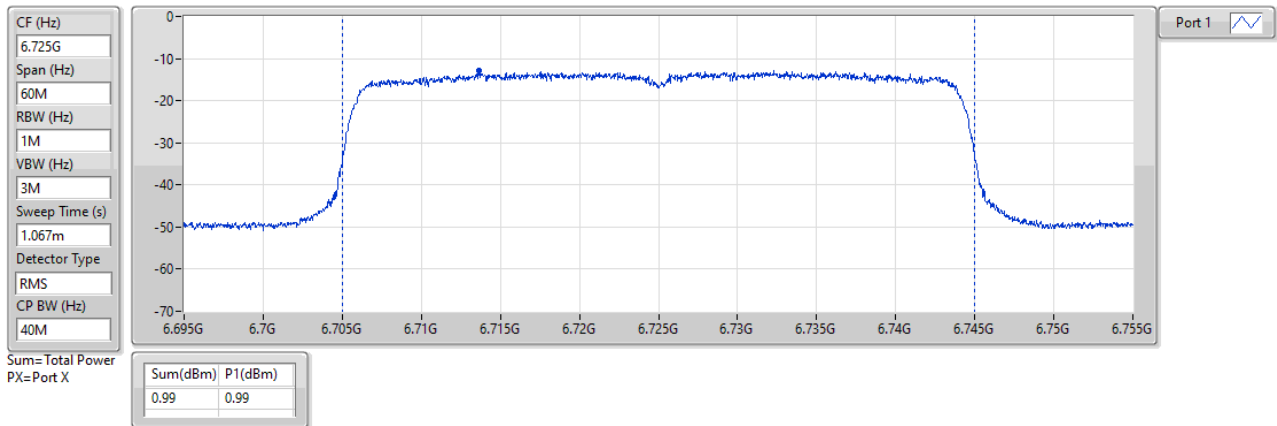
Frequency (MHz): 6725

6.525-6.875GHz

AV Power

6725MHz_TX

13/10/2023

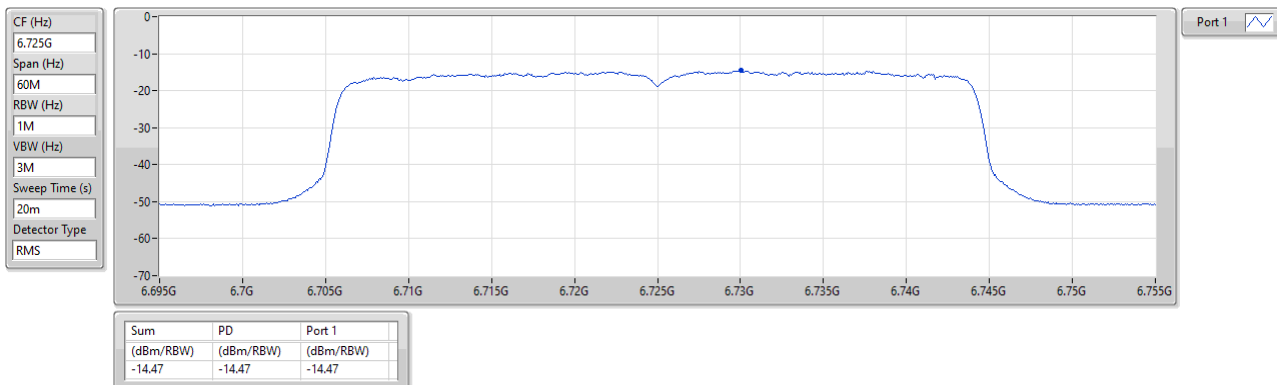


6.525-6.875GHz

PSD

6725MHz

13/10/2023



CT_AFC_SP_AP_AFCRSA31_Frequency_80MHz_10613_1

Frequency (MHz): 6625

6.525-6.875GHz

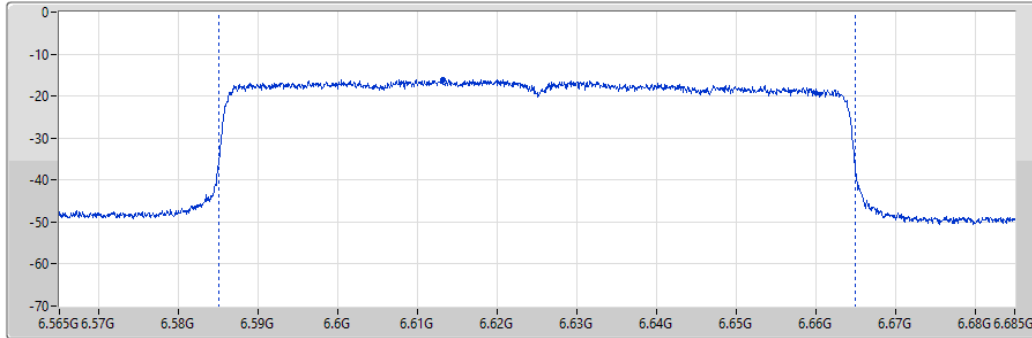
AV Power

6625MHz_TX

13/10/2023

CF (Hz)
6.625G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
1.067m
Detector Type
RMS
CP BW (Hz)
80M

Sum=Total Power
PX=Port X



Sum(dBm)	P1(dBm)
0.90	0.90

Port 1

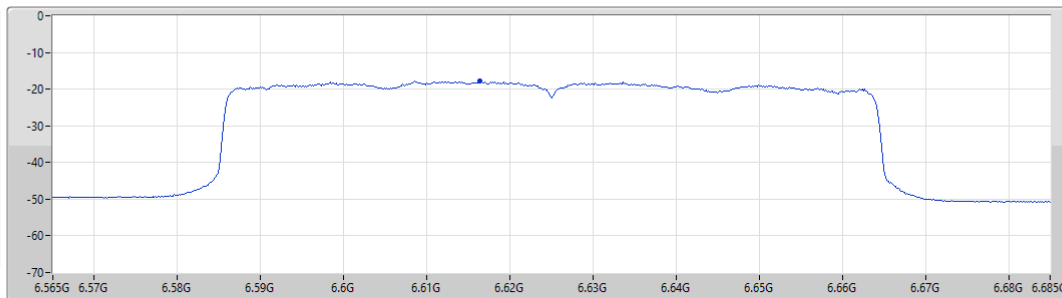
6.525-6.875GHz

PSD

6625MHz

13/10/2023

CF (Hz)
6.625G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.80	-17.80	-17.80

Port 1

Frequency (MHz): 6305

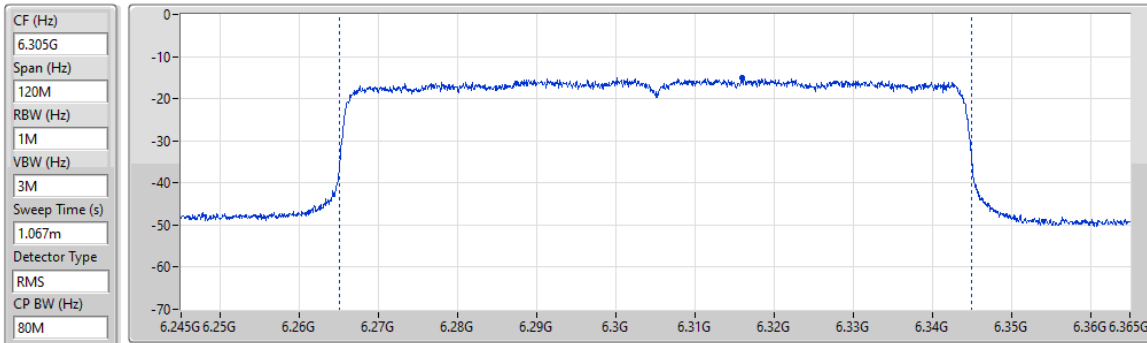
5.925-6.425GHz

AV Power

6305MHz_TX

13/10/2023

Port 1



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
1.84	1.84

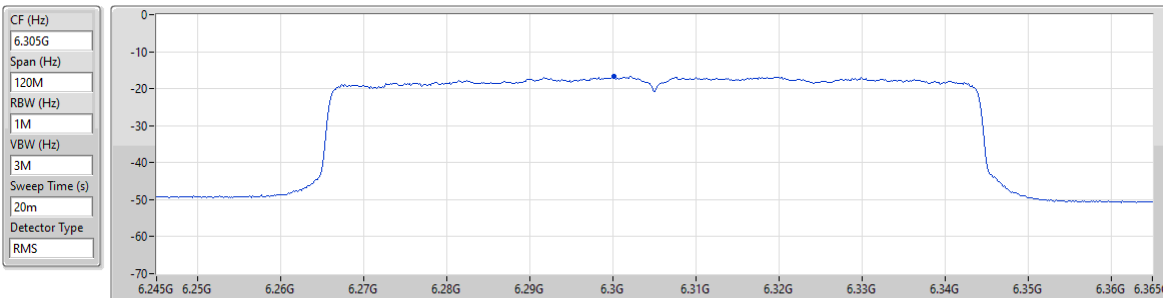
5.925-6.425GHz

PSD

6305MHz

13/10/2023

Port 1



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.66	-16.66	-16.66

CT_AFC_SP_AP_AFCRSA31_Frequency_160MHz_10614_1

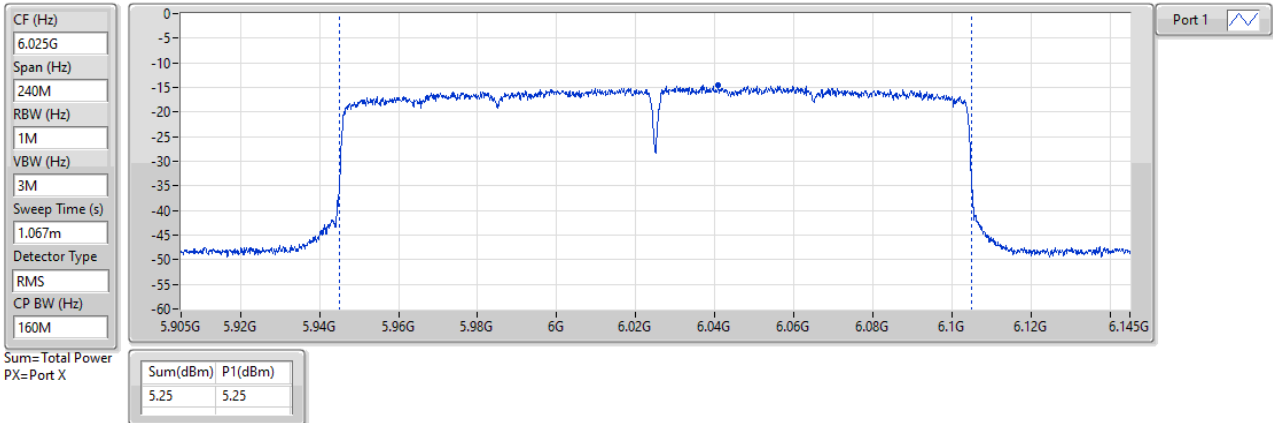
Frequency (MHz): 6025

5.925-6.425GHz

AV Power

6025MHz_TX

13/10/2023

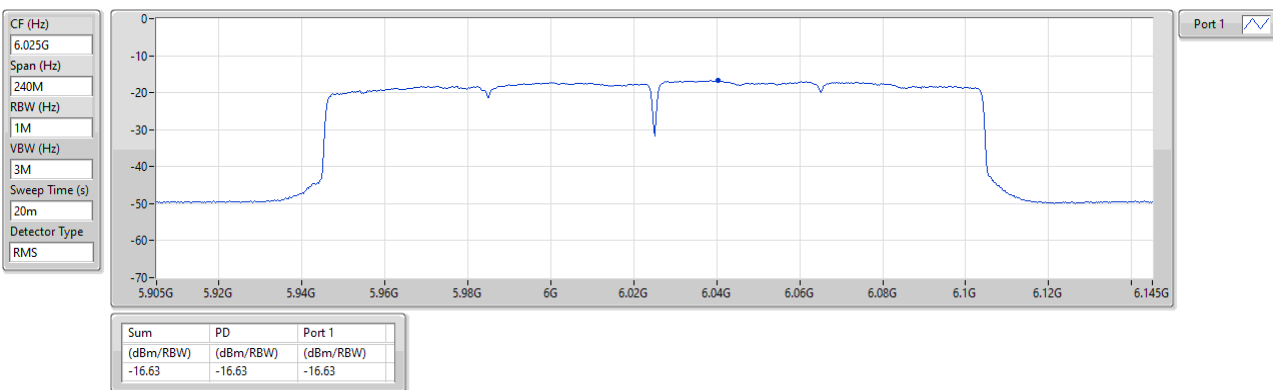


5.925-6.425GHz

PSD

6025MHz

13/10/2023



Frequency (MHz): 6345

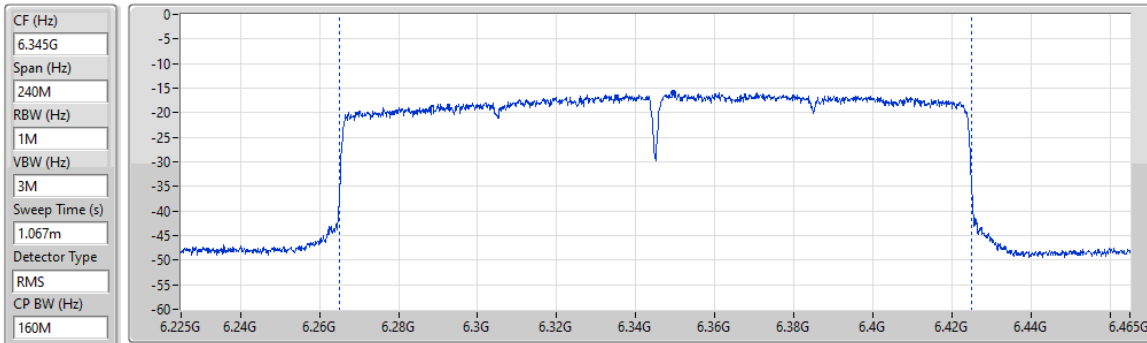
5.925-6.425GHz

AV Power

6345MHz_TX

13/10/2023

Port 1



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
3.83	3.83

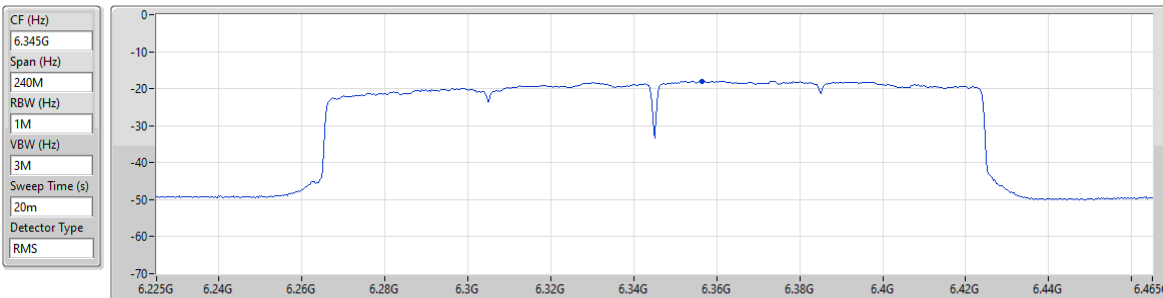
5.925-6.425GHz

PSD

6345MHz

13/10/2023

Port 1



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
-17.92	-17.92	-17.92

CT_AFC_SP_AP_AFCDSAU33_Frequency_10616_1

Bandwidth: 20MHz

Frequency (MHz): 5975

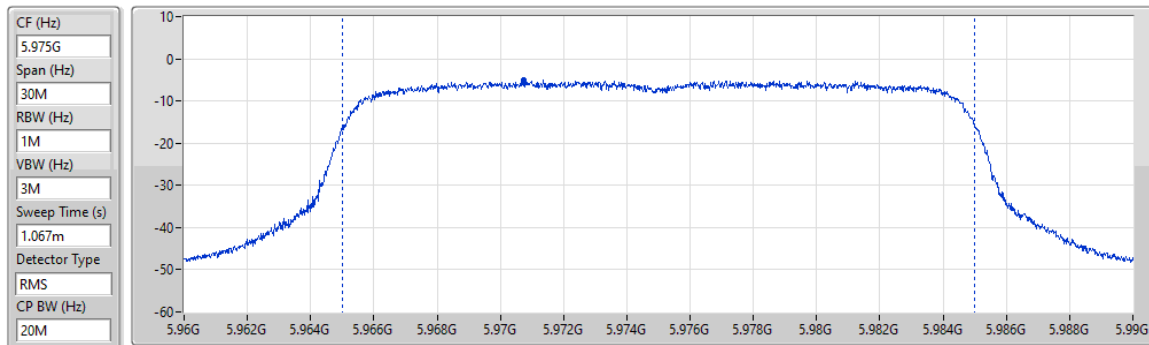
5.925-6.425GHz

AV Power

5975MHz_TX

16/10/2023

Port 1



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
5.91	5.91

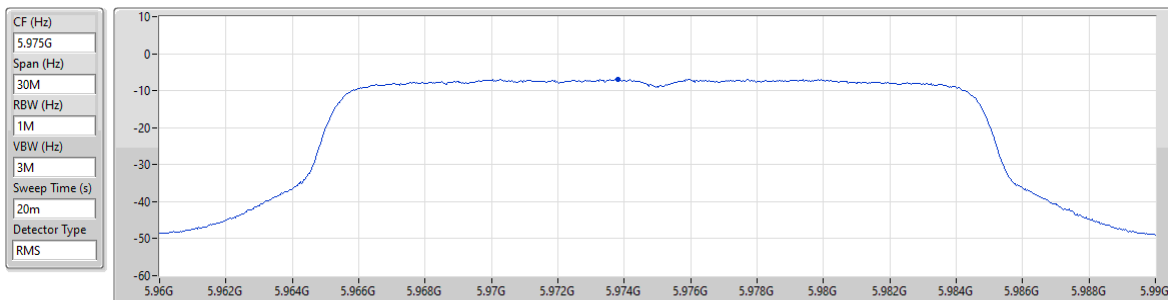
5.925-6.425GHz

PSD

5975MHz

16/10/2023

Port 1



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.90	-6.90	-6.90

Frequency (MHz): 6315

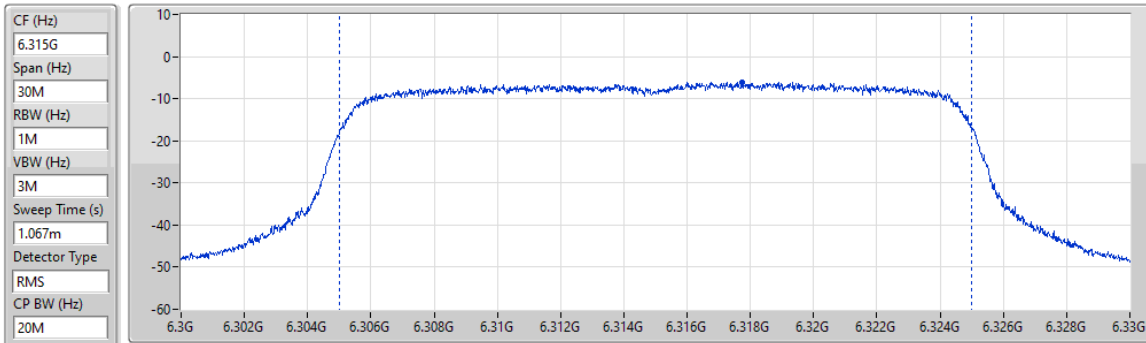
5.925-6.425GHz

AV Power

6315MHz_TX

16/10/2023

Port 1



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
4.74	4.74

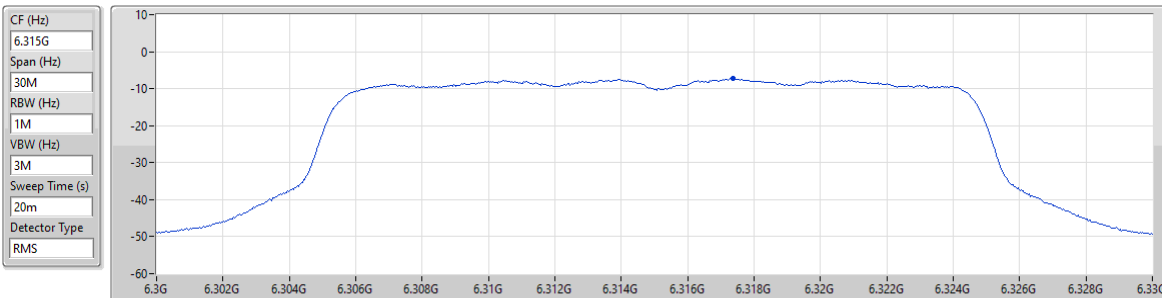
5.925-6.425GHz

PSD

6315MHz

16/10/2023

Port 1



Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-7.20	-7.20	-7.20

CT_AFC_SP_AP_AFCDUAU34_Frequency_10617_1

Bandwidth: 20MHz

Frequency (MHz): 6335

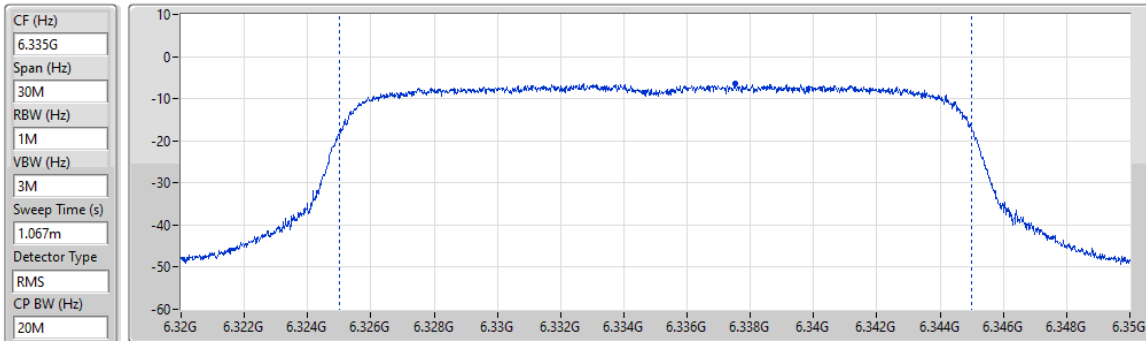
5.925-6.425GHz

AV Power

6335MHz_TX

16/10/2023

Port 1



Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)
4.51	4.51

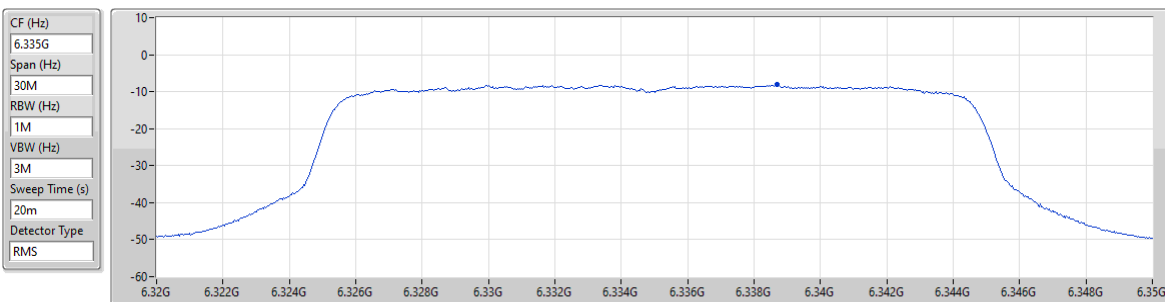
5.925-6.425GHz

PSD

6335MHz

16/10/2023

Port 1

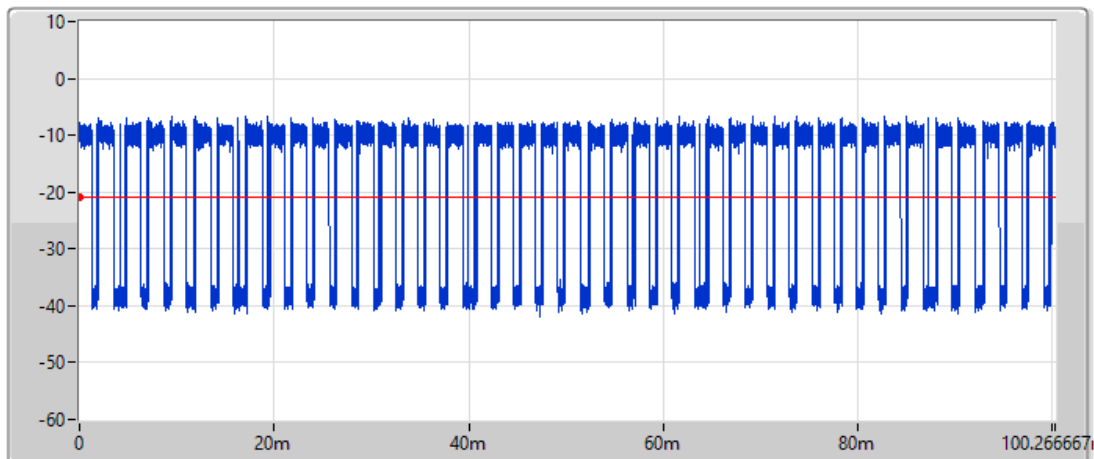


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.08	-8.08	-8.08

Duty Cycle

Bandwidth: 20MHz

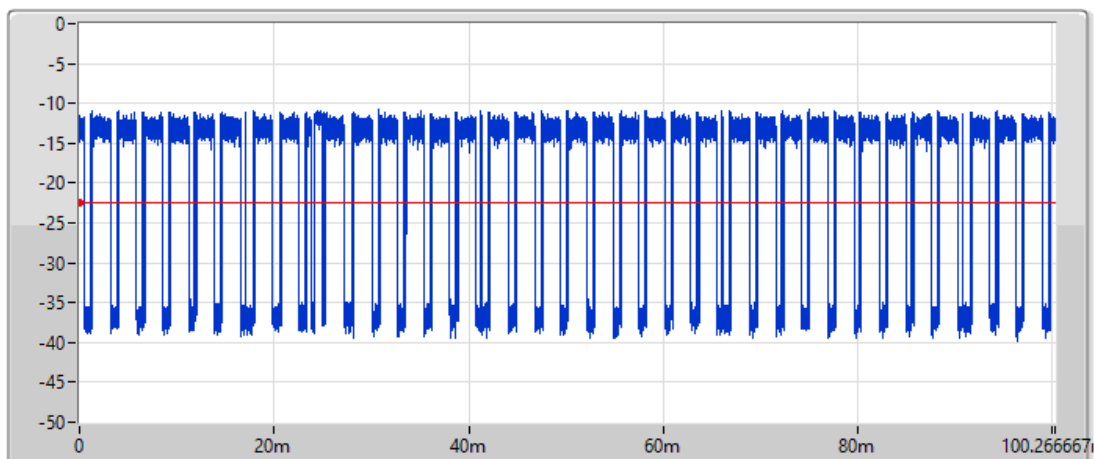
DC;ax20;BWch:20



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.735G	8M	8M	100.267m	32001	3.133344u	70.406234m	0.702

Bandwidth: 40MHz

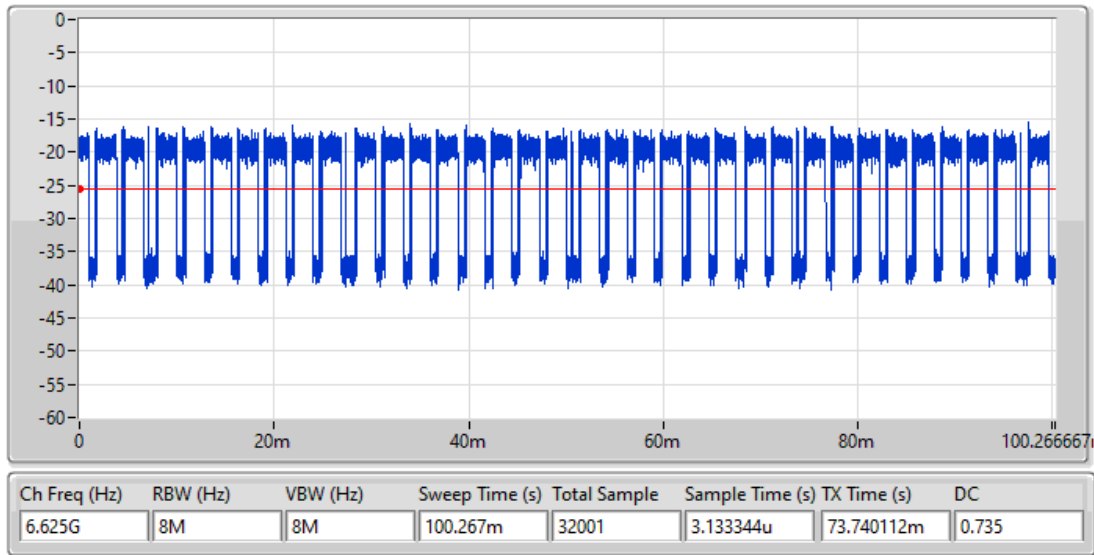
DC;ax40;BWch:40



Ch Freq (Hz)	RBW (Hz)	VBW (Hz)	Sweep Time (s)	Total Sample	Sample Time (s)	TX Time (s)	DC
6.245G	8M	8M	100.267m	32001	3.133344u	73.906179m	0.737

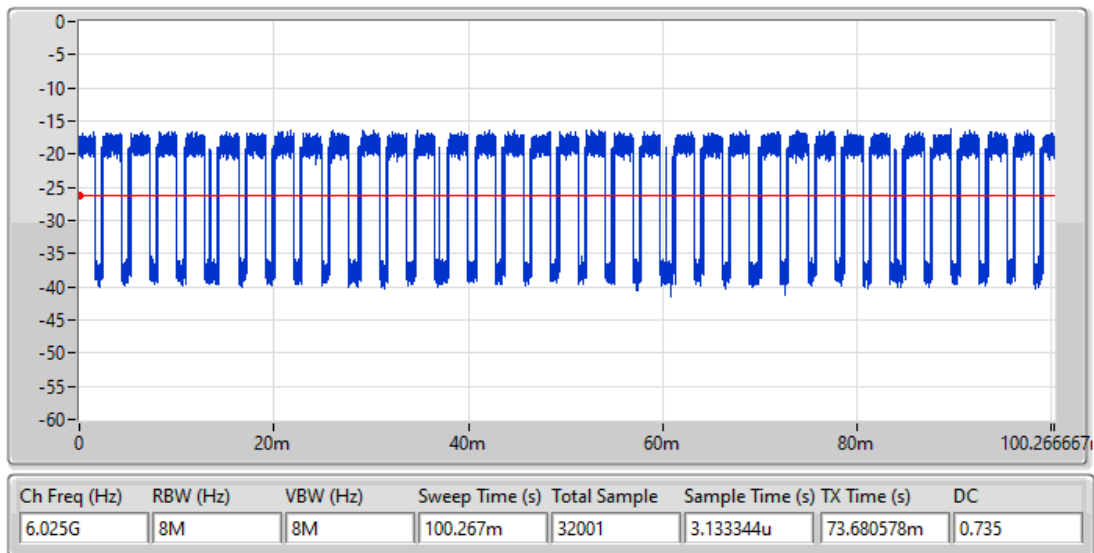
Bandwidth: 80MHz

DC;ax80;BWch:80



Bandwidth: 160MHz

DC;ax160;BWch:160



AFC capability - Inquired Frequency
AFCD.RSA: Successful registration and spectrum access request

Freq. (MHz)	Mode (6FX or 6FC)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	6FX limit (dBm)	Result	AFC Response Limit (dBm/MHz)	Result
6055	6FC	20	25.38	4.68	30.06	-8.77	16.61	-	N/A	21.12	Pass
6615	6FC	20	26.22	2.03	28.25	-11.29	14.93	-	N/A	20.40	Pass
6125	6FC	40	25.38	5.61	30.99	-10.70	14.68	-	N/A	20.33	Pass
6845	6FC	40	26.22	2.50	28.72	-13.81	12.41	-	N/A	17.36	Pass
6705	6FC	80	26.22	4.44	30.66	-14.50	11.72	-	N/A	16.14	Pass
6225	6FC	80	25.38	7.40	32.78	-12.27	13.11	-	N/A	18.52	Pass
6345	6FC	160	25.38	4.56	29.94	-17.18	8.20	-	N/A	12.94	Pass
6665	6FC	160	26.22	-1.79	24.43	-23.82	2.40	-	N/A	8.49	Pass

AFCD.USA: Unsuccessful spectrum access request

Freq. (MHz)	Mode (6FX or 6FC)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	6FX limit (dBm)	Result	AFC Response Limit (dBm/MHz)	Result
6215	6FX	20	25.38	-1.52	23.86	-15.22	10.16	16.00	Pass	-	N/A

AFCD.SAU: Successful spectrum access update

Freq. (MHz)	Mode (6FX or 6FC)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	6FX limit (dBm)	Result	AFC Response Limit (dBm/MHz)	Result
6415	6FC	20	25.38	4.53	29.91	-8.39	16.99	-	N/A	21.43	Pass
6415	6FC	20	25.38	-0.73	24.65	-13.36	12.02	-	N/A	16.35	Pass

AFCD.UAU: Unsuccessful spectrum access update

Freq. (MHz)	Mode (6FX or 6FC)	Bandwidth (MHz)	Antenna Gain (dBi)	Power (dBm)	EIRP (dBm)	PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	6FX limit (dBm)	Result	AFC Response Limit (dBm/MHz)	Result
6695	6FC	20	26.22	5.63	31.85	-7.60	18.62	-	N/A	23.00	Pass
5975	6FX	20	25.38	0.67	26.05	-13.04	12.34	16.00	Pass	-	N/A

AFC capability - Inquired Frequency

CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1

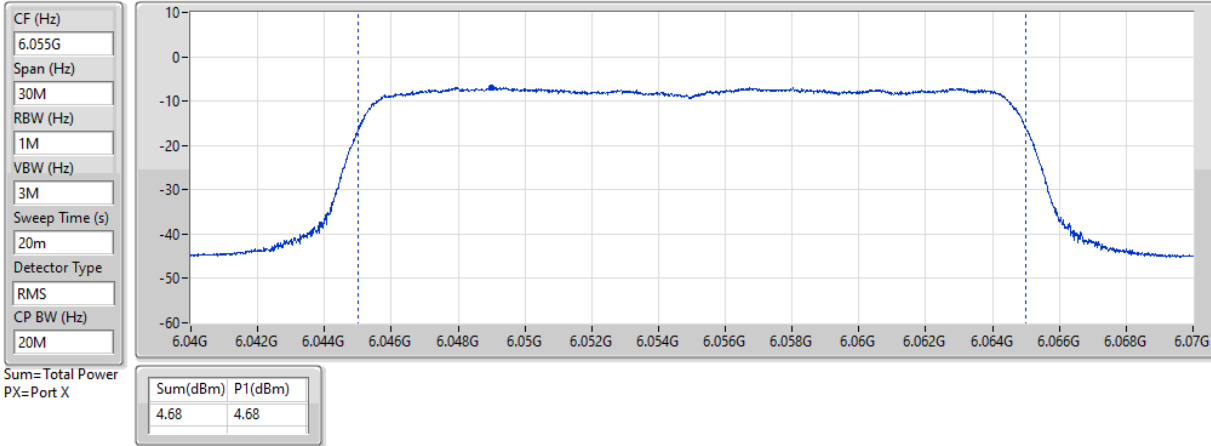
Frequency (MHz): 6055

5.925-6.425GHz_1TX

AV Power

6055MHz_TX

05/03/2024

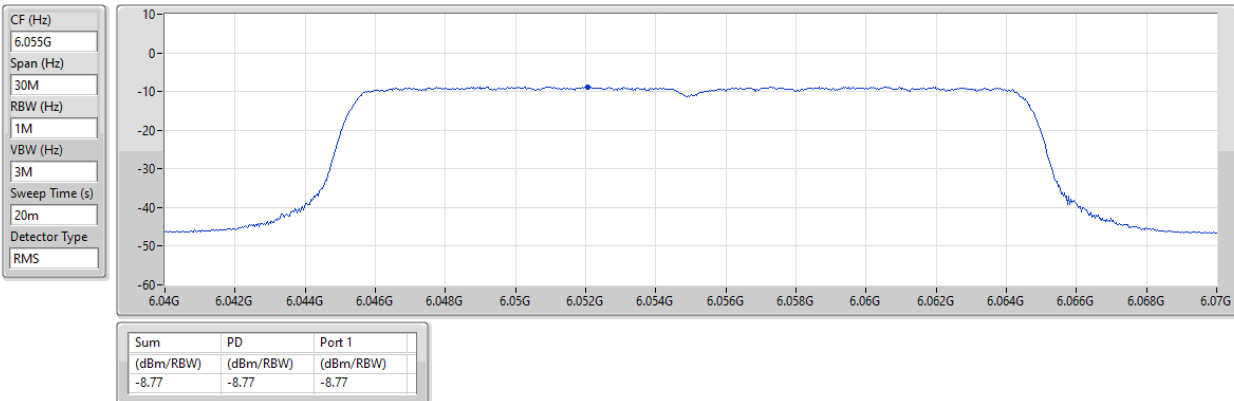


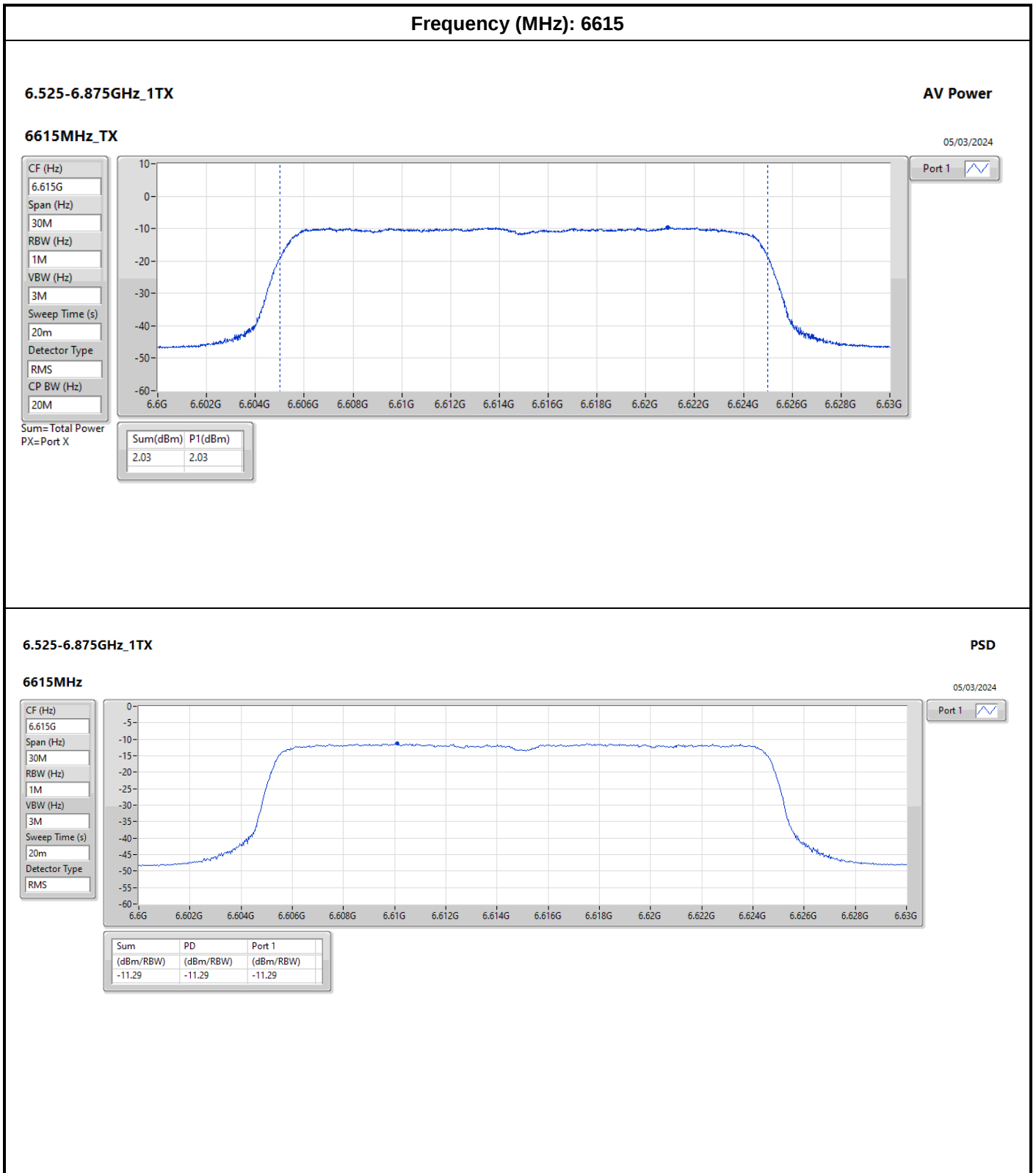
5.925-6.425GHz_1TX

PSD

6055MHz

05/03/2024





CT_AFC_FC_STA_AFCDRSA31_Frequency_40MHz_10641_1

Frequency (MHz): 6125

5.925-6.425GHz_1TX

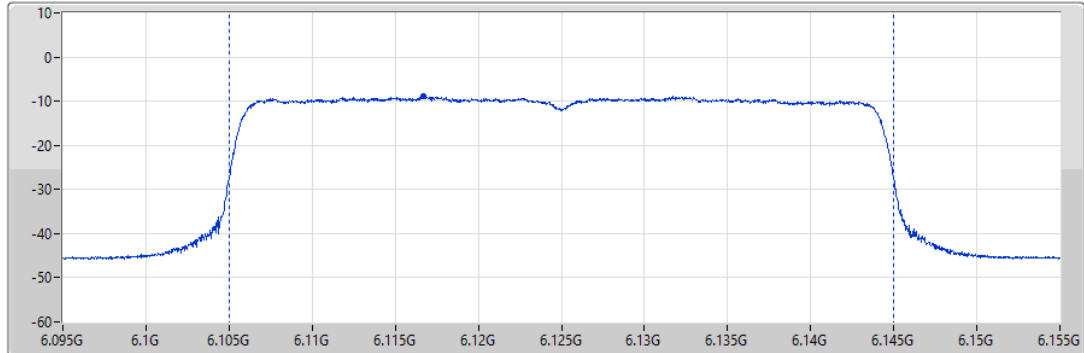
AV Power

6125MHz_TX

06/03/2024

CF (Hz)
6.125G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
40M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
5.61	5.61

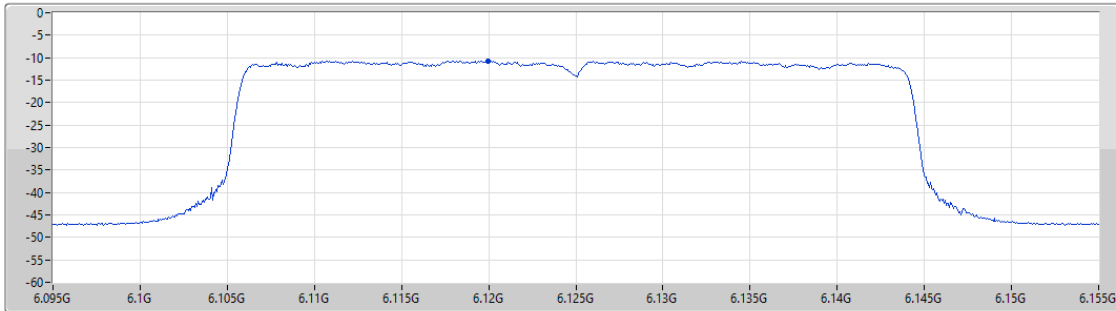
5.925-6.425GHz_1TX

PSD

6125MHz

06/03/2024

CF (Hz)
6.125G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)
-10.70	-10.70	-10.70

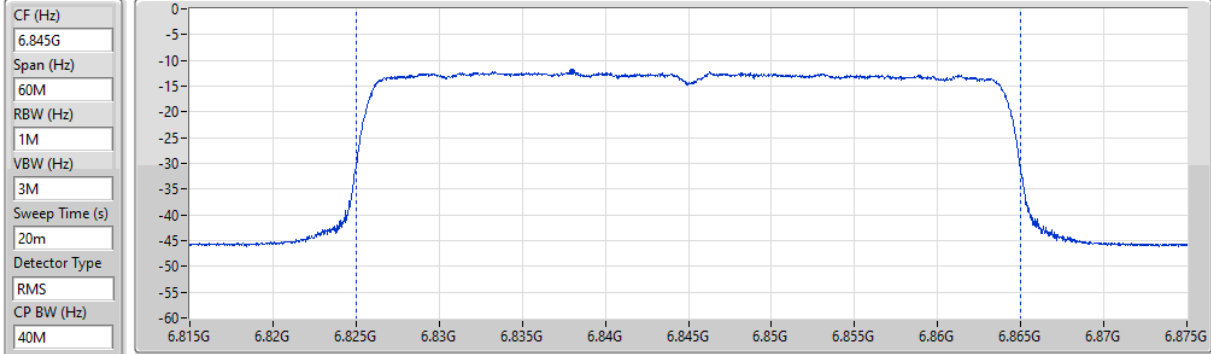
Frequency (MHz): 6845

6.525-6.875GHz_1TX

AV Power

6845MHz_TX

06/03/2024

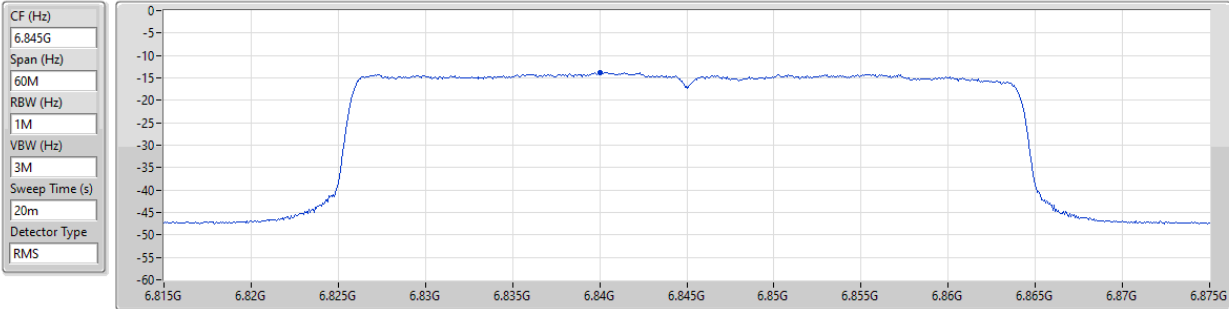


6.525-6.875GHz_1TX

PSD

6845MHz

06/03/2024



CT_AFC_FC_STA_AFCDRSA31_Frequency_80MHz_10642_1

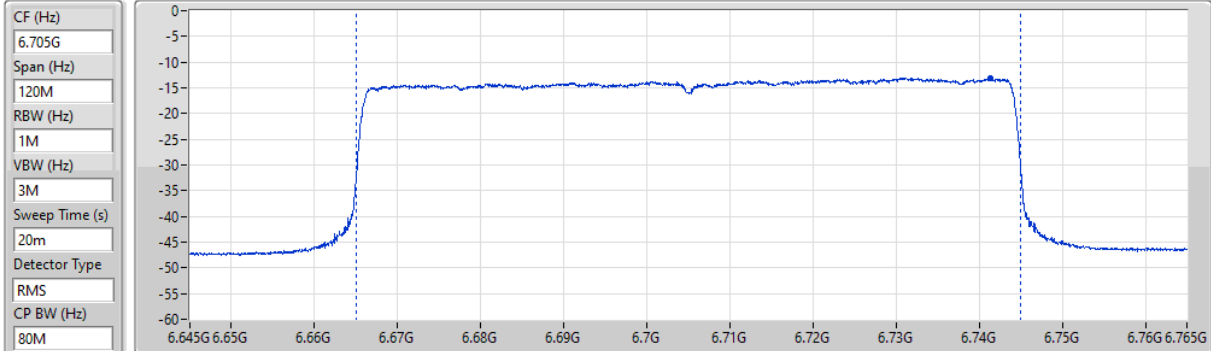
Frequency (MHz): 6705

6.525-6.875GHz_1TX

AV Power

6705MHz_TX

07/03/2024



Sum=Total Power
 PX=Port X

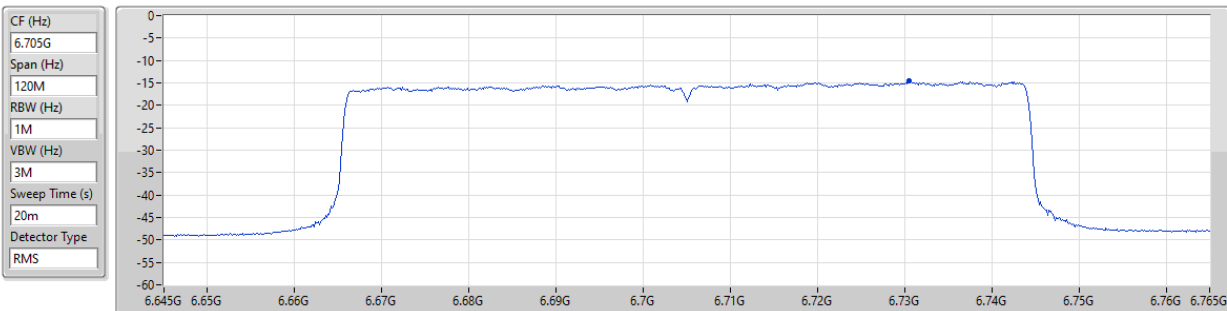
Sum(dBm)	P1(dBm)
4.44	4.44

6.525-6.875GHz_1TX

PSD

6705MHz

07/03/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.50	-14.50	-14.50

Frequency (MHz): 6225

5.925-6.425GHz_1TX

AV Power

6225MHz_TX

07/03/2024

CF (Hz)
6.225G

Span (Hz)
120M

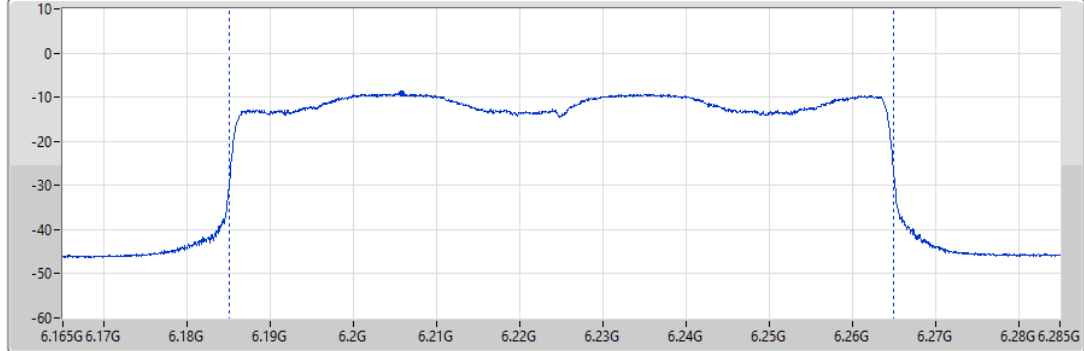
RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
80M



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
7.40	7.40

5.925-6.425GHz_1TX

PSD

6225MHz

07/03/2024

CF (Hz)
6.225G

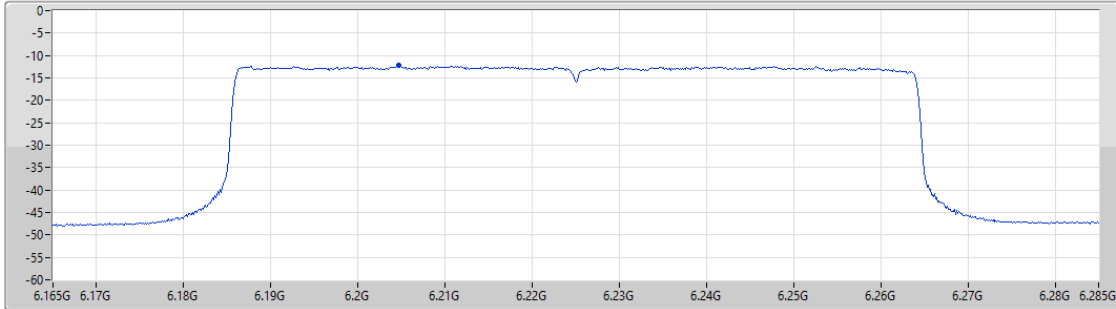
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
-12.27	-12.27	-12.27

CT_AFC_FC_STA_AFCRSA31_Frequency_160MHz_10643_1

Frequency (MHz): 6345

5.925-6.425GHz_1TX

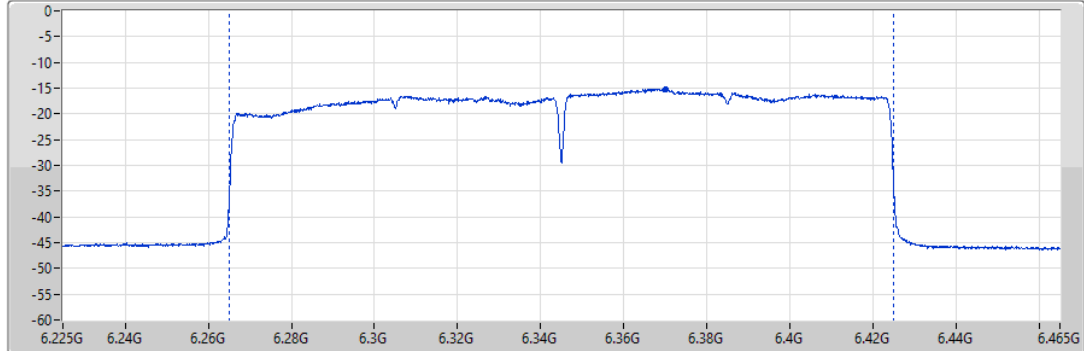
AV Power

6345MHz_TX

07/03/2024

CF (Hz)
6.345G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS
CP BW (Hz)
160M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
4.56	4.56

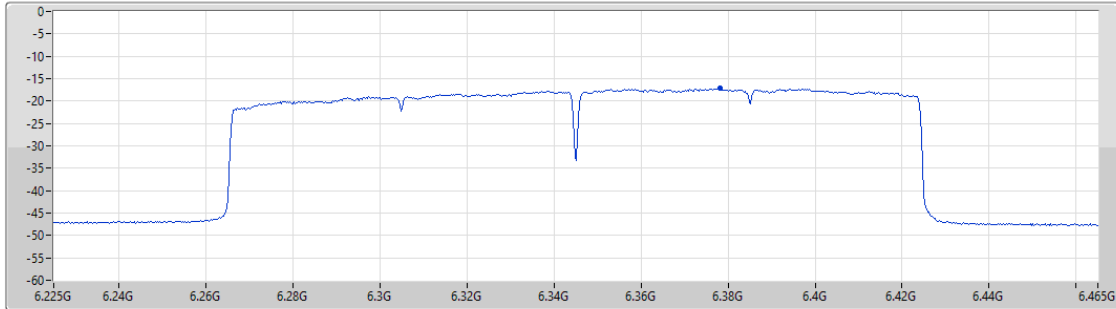
5.925-6.425GHz_1TX

PSD

6345MHz

07/03/2024

CF (Hz)
6.345G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.18	-17.18	-17.18



CT_AFC_FC_STA_AFCDUSA32_Frequency_10644_1

Bandwidth: 20MHz

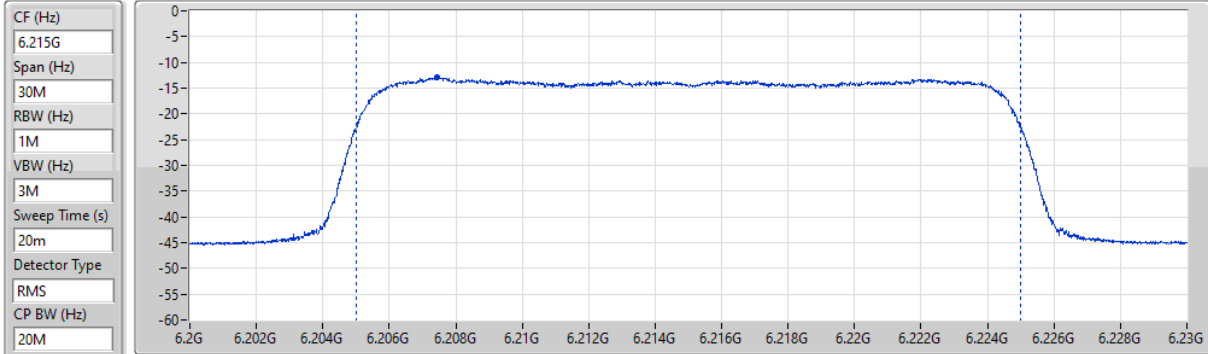
Frequency (MHz): 6215

5.925-6.425GHz_1TX

AV Power

6215MHz_TX

07/03/2024

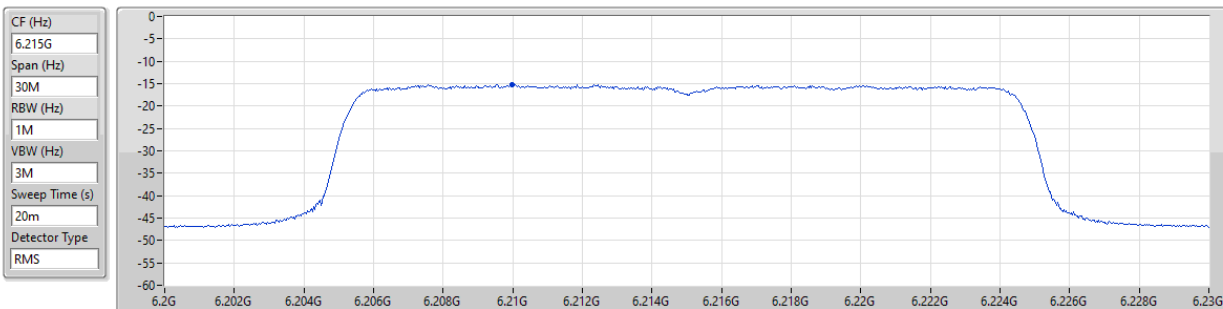


5.925-6.425GHz_1TX

PSD

6215MHz

07/03/2024



CT_AFC_FC_STA_AFCDsau33_Frequency_10645_1

Bandwidth: 20MHz

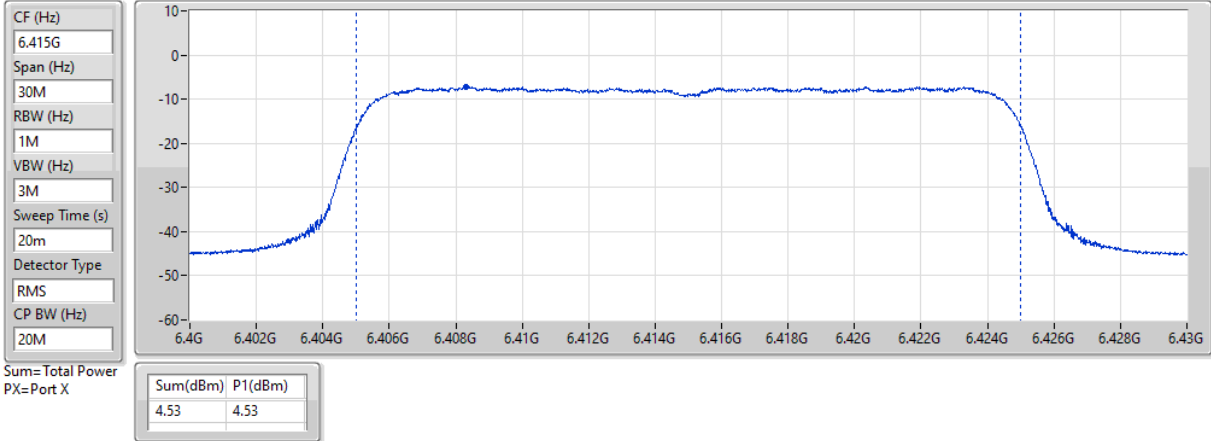
Frequency (MHz): 6415

5.925-6.425GHz_1TX

AV Power

6415MHz_TX

07/03/2024

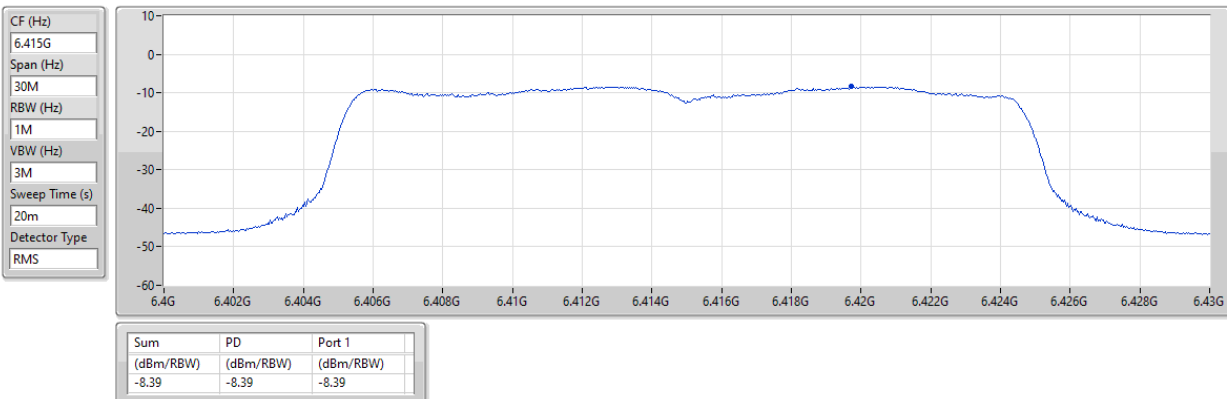


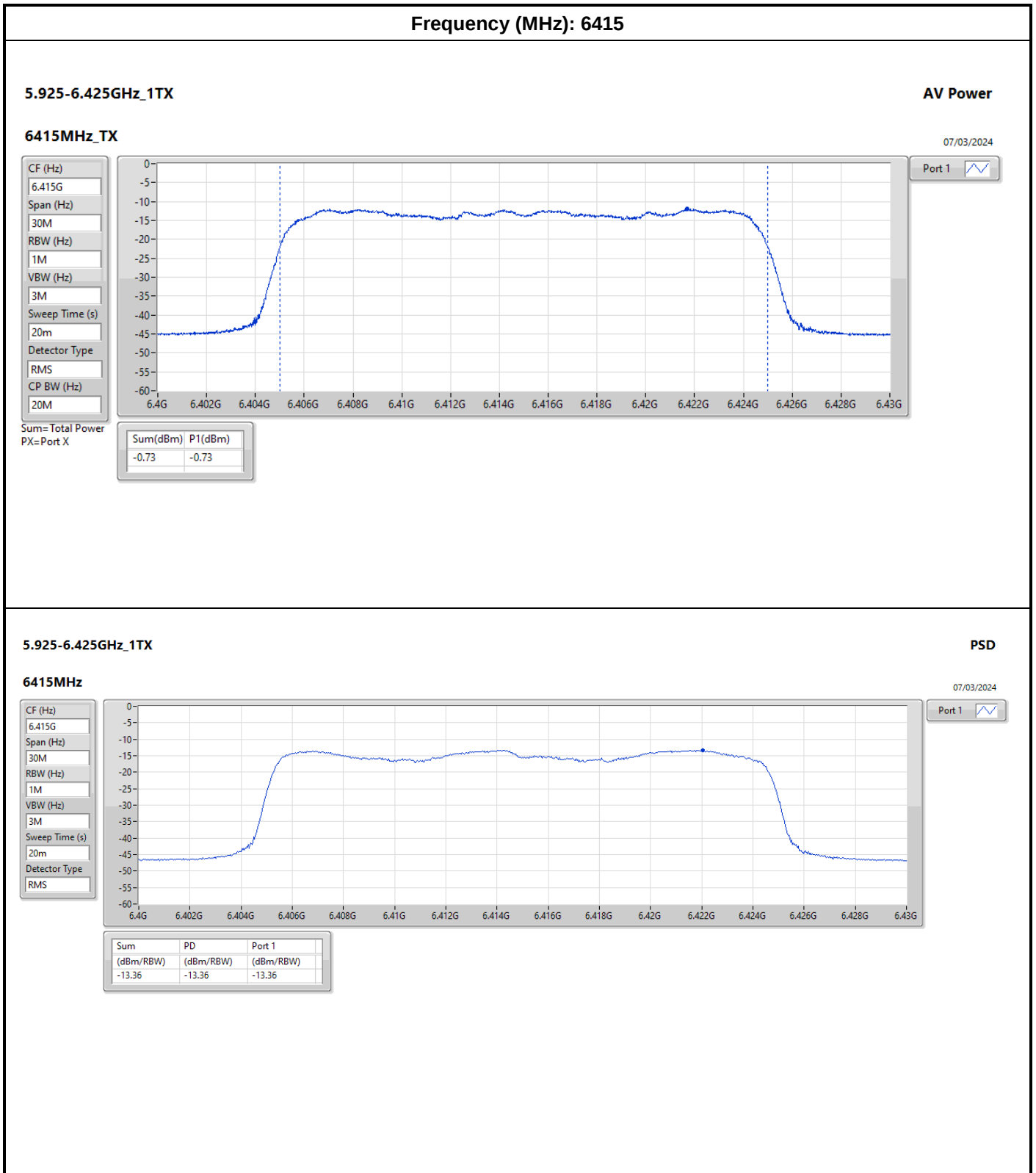
5.925-6.425GHz_1TX

PSD

6415MHz

07/03/2024





CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1

Bandwidth: 20MHz

Frequency (MHz): 6695

6.525-6.875GHz_1TX

AV Power

6695MHz_TX

07/03/2024

CF (Hz)
6.695G

Span (Hz)
30M

RBW (Hz)
1M

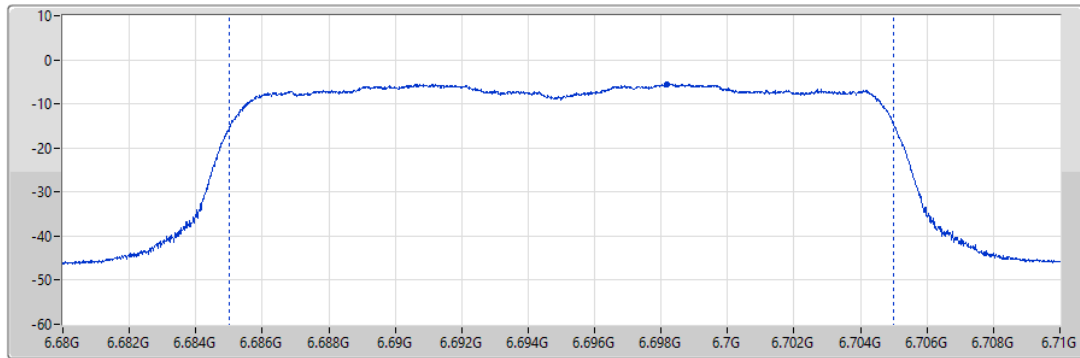
VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS

CP BW (Hz)
20M

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
5.63	5.63

6.525-6.875GHz_1TX

PSD

6695MHz

07/03/2024

CF (Hz)
6.695G

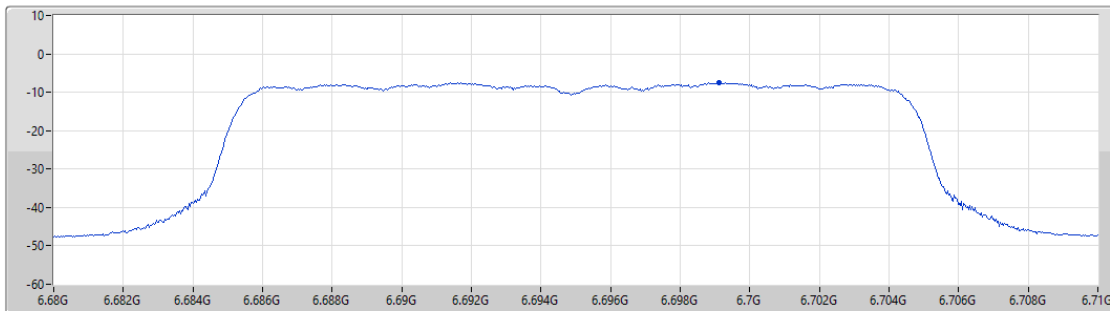
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.60	-7.60	-7.60

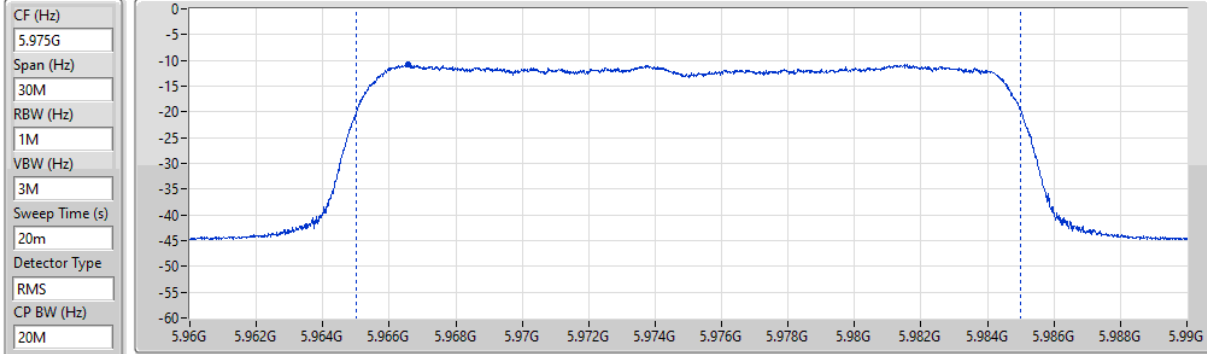
Frequency (MHz): 5975

5.925-6.425GHz_1TX

AV Power

5975MHz_TX

07/03/2024

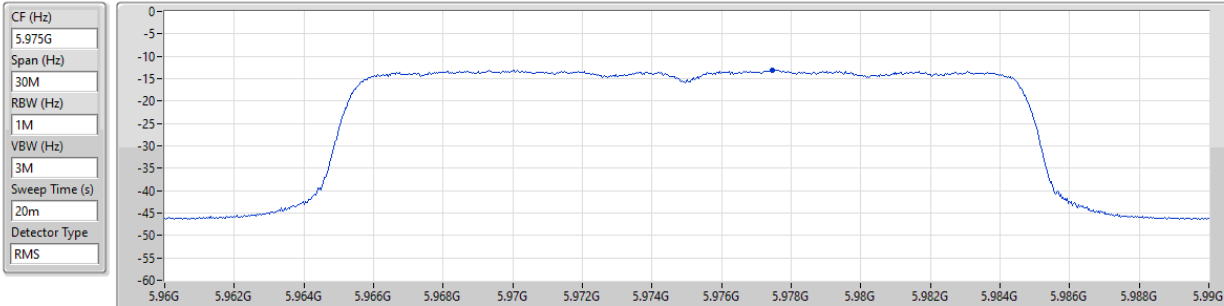


5.925-6.425GHz_1TX

PSD

5975MHz

07/03/2024

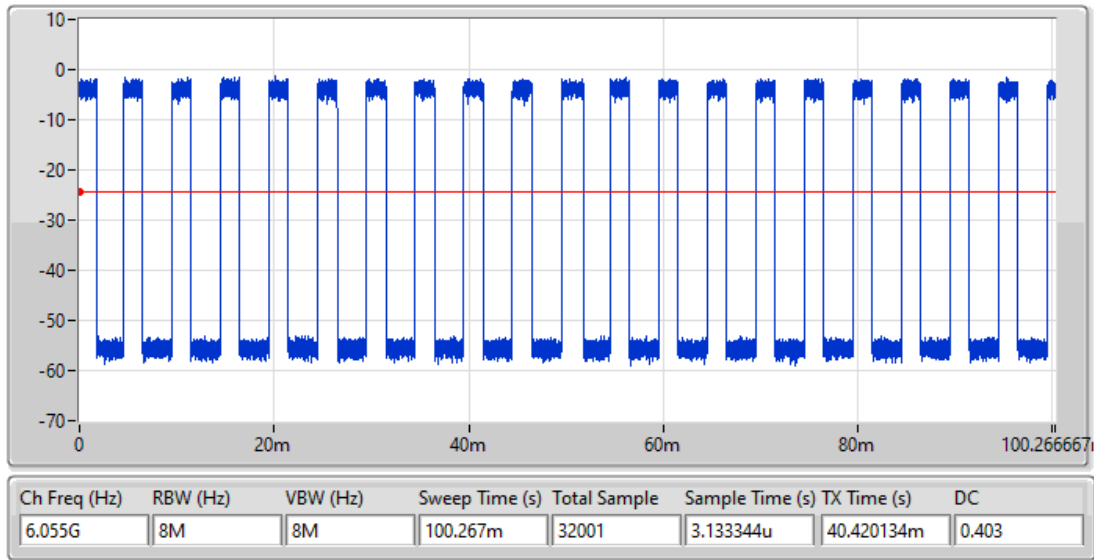


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.04	-13.04	-13.04

Duty Cycle

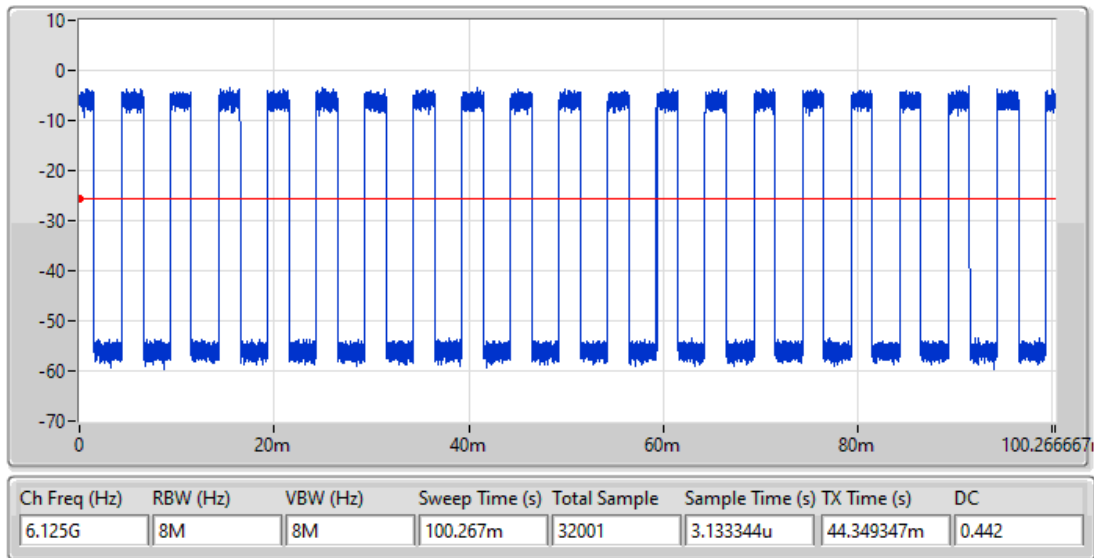
Bandwidth: 20MHz

DC;ax20;BWch:20



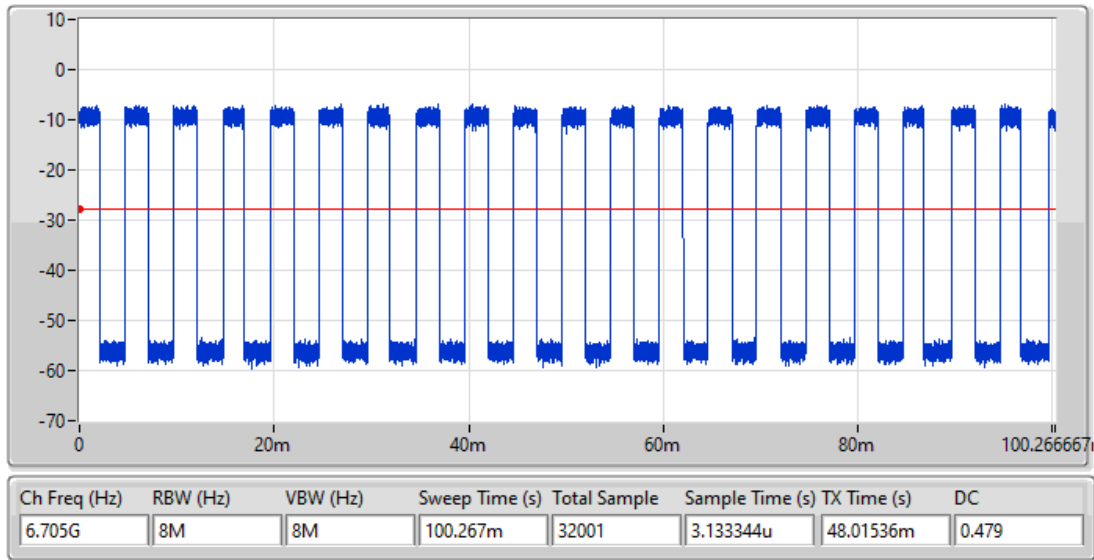
Bandwidth: 40MHz

DC;ax40;BWch:40



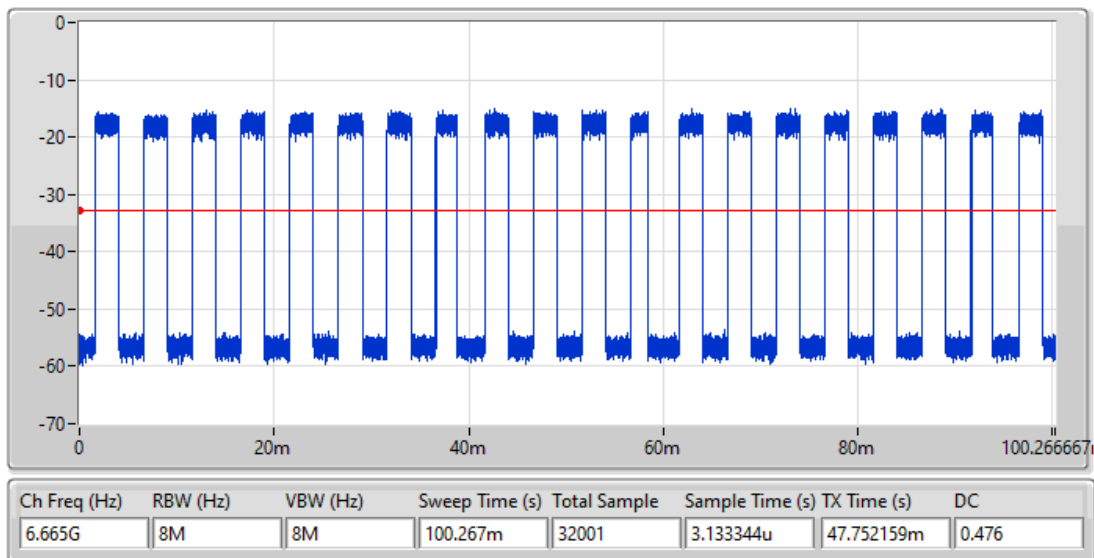
Bandwidth: 80MHz

DC;ax80;BWch:80



Bandwidth: 160MHz

DC;ax160;BWch:160



—THE END—