



# AFC DUT TEST HARNESS REPORT

**FCC ID** : Z8H89FT0069  
**Equipment** : ePMP 6 GHz Force 4600C SM / ePMP 4600L 6 GHz 2x2 Access Point  
**Brand Name** : Cambium Networks  
**Model Name** : ePMP 6 GHz Force 4600C SM / ePMP 4600L 6 GHz 2x2 Access Point  
**Model Number** : C068940P151A  
**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. 21, 2023, and testing was started from Oct. 17, 2023 and completed on Mar. 19, 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**  
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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### Summary of Test Result

For Standard Power Access Point:

| Report Clause   | Ref Std. Clause | Test Case Name  | Result (PASS/FAIL) | Remark |
|---|-----------------|---|--------------------|--------|
| <b>AFC capability - Inquired Frequency</b>  |                 |   |                    |        |
| <b>Test Group: Inquired Frequency - Always</b>  |                 |   |                    |        |
| 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               | -      |
| <b>AFC capability - Inquired Channel</b>  |                 |   |                    |        |
| <b>Test Group: Inquired Channel - Always</b>  |                 |   |                    |        |
| 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                | -      |
| <b>AFC capability - Inquired Frequency &amp; Channel</b>  |                 |   |                    |        |
| <b>Test Group: Inquired Frequency and Channel - Always</b>  |                 |   |                    |        |
| 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                | -      |
| <b>AFC capability - Server Validation – Mandatory</b>   |                 |   |                    |        |
| <b>Test Group: Server Validation - Always</b>   |                 |   |                    |        |
| 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               | -      |
| Note: The EUT was equipped with the dish and sector antenna. There is only the dish antenna has been tested and recorded in this test report. |                 |   |                    |        |



**For Fixed Client:**

| Report Clause  | Ref Std. Clause | Test Case Name   | Result (PASS/FAIL) | Remark |
|--|-----------------|--|--------------------|--------|
| <b>AFC capability - Inquired Frequency</b>   |                 |  |                    |        |
| <b>Test Group: Inquired Frequency - Always</b>   |                 |  |                    |        |
| 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               | -      |
| <b>AFC capability - Server Validation – Mandatory</b>  |                 |  |                    |        |
| <b>Test Group: Server Validation - Always</b>  |                 |  |                    |        |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_NonMatchSAN_10661_1            | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_DifferentRootCA_10662_1        | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_MatchSuffixSAN_10663_1         | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_ServerCertRevoked_10664_1      | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_OCSPStaplingDisabled_10665_1   | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_StapledOCSPRespExpired_10666_1 | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_TLSCipherSuiteENULL_10667_1    | N/A                | Note 2 |
| 3.5  | 3.5.4           | CT_AFC_ServerValidation_STA_AFCDUSV35_NoRootCA_10668_1               | N/A                | Note 2 |
| Note1: The EUT was equipped with the dish and sector antenna. There is only the dish antenna has been tested and recorded in this test report. |                 |  |                    |        |
| Note2: Refer to Standard Power Access Point.   |                 |  |                    |        |

|  |
|--|
| <b>Conformity Assessment Condition:</b>  |
| 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".  |
| <b>Disclaimer:</b>   |
| 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: Sharon Jiang**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature of Equipment Under Test |  |
|---|--|
| Power Type                              | From PoE   |
| EUT Type                                | <input type="checkbox"/> Standard Power Access Point with Proxy<br><input checked="" type="checkbox"/> Standard Power Access Point without Proxy<br><input type="checkbox"/> Fixed Client with Proxy<br><input checked="" type="checkbox"/> Fixed Client without Proxy |
| Condition of EUT                        | <input type="checkbox"/> Indoor<br><input checked="" type="checkbox"/> Outdoor   |
| Professional Installation               | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| Firmware Version                        | For Standard Power Access Point:<br>U-Boot IPQ807x 2016.01gf0484e4 (Sep 11 2023 - 17:04:29)<br>For Fixed Client:<br>U-Boot IPQ807x 2016.01g5386165 (Feb 21 2024 - 22:17:20)  |
| Software Version                        | For Standard Power Access Point: 5.6-RC8FCC<br>For Fixed Client: 5.7.0.44  |
| Hardware Version                        | For Standard Power Access Point: 6 GHz ePMP 4600L (ROW/FCC)<br>For Fixed Client: 6 GHz Force 4600C (ROW/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

For Dish Antenna:

| Ant. | Port | Brand   | Model Name                 | Antenna Type            | Connector | Gain (dBi) |         |
|------|------|---------|----------------------------|-------------------------|-----------|------------|---------|
|      |      |         |                            |                         |           | UNII3      | UNII5&7 |
| 1    | 1    | Cambium | ePMP 6GHz 2x2 Dish Antenna | Dish (Directional Ant.) | RP-SMA    | 25.21      | 29      |
|      | 2    | Cambium | ePMP 6GHz 2x2 Dish Antenna | Dish (Directional Ant.) | RP-SMA    | 25.21      | 29      |

Note 1: The Dish antenna is cross polarization.

For Sector Antenna:

| Ant. | Ant. CH | Port | Brand   | Model Name                           | Antenna Type              | Connector | Gain (dBi) |       |
|------|---------|------|---------|--------------------------------------|---------------------------|-----------|------------|-------|
|      |         |      |         |                                      |                           |           | UNII3&5    | UNII7 |
| 1    | 0       | -    | Cambium | ePMP 2x2 6GHz MU-MIMO Sector Antenna | Sector (Directional Ant.) | RP-SMA    | 18         | 18.73 |
|      | 1       | 1    | Cambium | ePMP 2x2 6GHz MU-MIMO Sector Antenna | Sector (Directional Ant.) | RP-SMA    | 18         | 18.73 |
|      | 2       | 2    | Cambium | ePMP 2x2 6GHz MU-MIMO Sector Antenna | Sector (Directional Ant.) | RP-SMA    | 18         | 18.73 |
|      | 3       | -    | Cambium | ePMP 2x2 6GHz MU-MIMO Sector Antenna | Sector (Directional Ant.) | RP-SMA    | 18         | 18.73 |

Note 2: The Sector antenna has four CH ports. Only two CH ports (CH1 and CH2) were used for the EUT. The Sector antenna is cross polarization: CH 1 is vertical and CH 2 is horizontal.

Note 3: The above information was declared by manufacturer.

#### For 5GHz function

##### For IEEE 802.11a/n/ac/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

##### For 6GHz function

##### For IEEE 802.11ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.



### 1.3 Table for Multiple Listing

| Equipment Name / Model Name       | Function | Support                          |
|-----------------------------------|----------|----------------------------------|
| ePMP 6 GHz Force 4600C SM         | Client   | WLAN 5GHz UNII 3 / 6GHz UNII 5&7 |
| ePMP 4600L 6 GHz 2x2 Access Point | AP       |                                  |

Note 1: From the above models, both models were tested.

Note 2: 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: 140145-02

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

| Modifications  | Performance Checking                         |
|--|--|
| <ol style="list-style-type: none"> <li>Add 6GHz for Standard Power (6SD), Fixed Client (6FC) and Standard Client (6FX) through SW change.</li> <li>Add a new directional Sector Antenna for the EUT with the same antenna type but lower gain than the original. (Refer to section 1.2 for detailed information.)</li> </ol> | AFC DUT Test Harness (For dish antenna only) |

### 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-P30-56IN  | 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<br>(For Standard Power Access Point) | TH01-CB       | Caster Chang  | 23.2~24.1 / 50~54         | Oct. 17, 2023~<br>Oct. 20, 2023 |
| RF Conducted<br>(For Fixed Client)                | TH01-CB       | Caster Chang  | 21.7~22.4 / 59~62         | Mar. 15, 2024~<br>Mar. 19, 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?                      | -               |

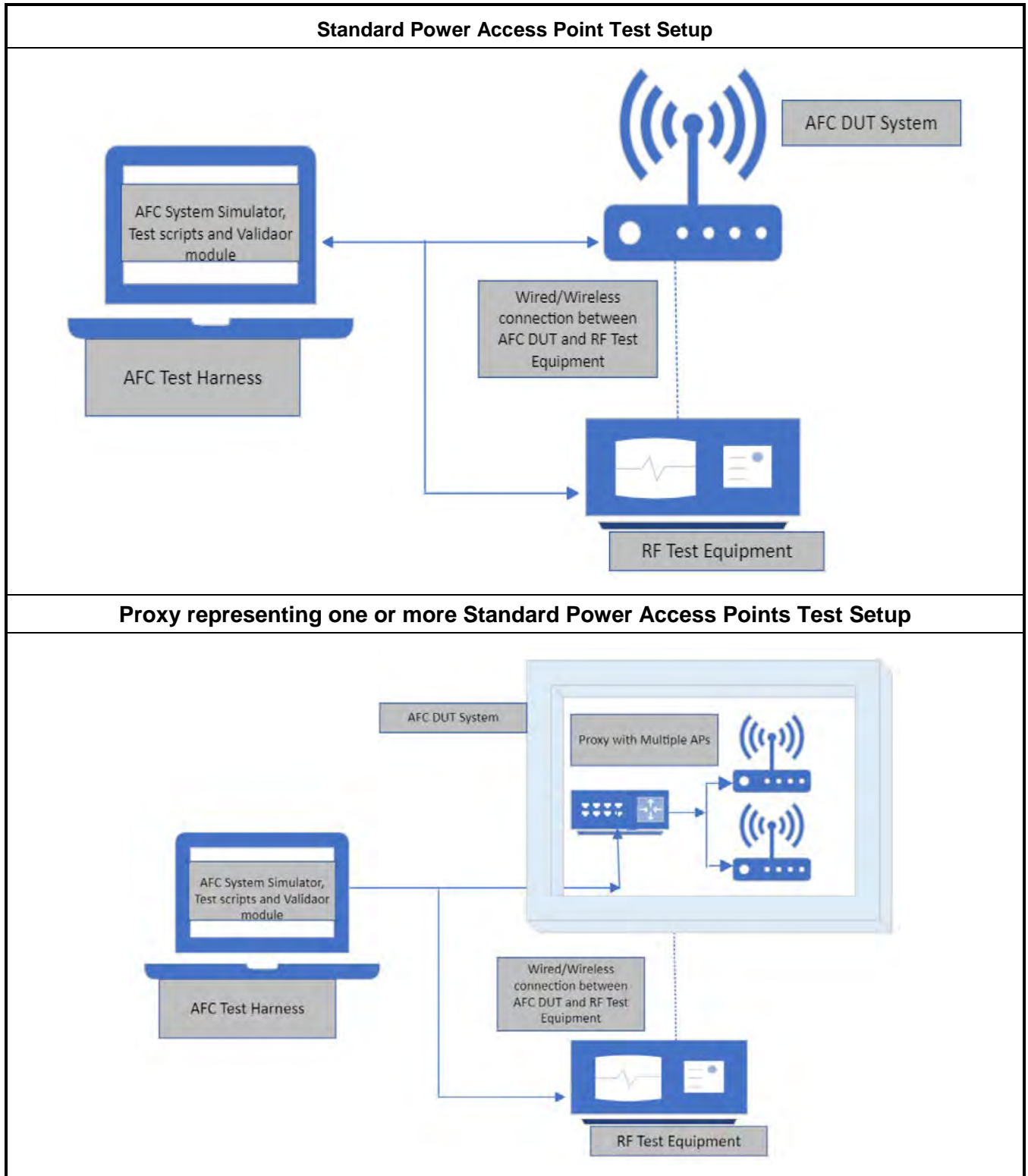


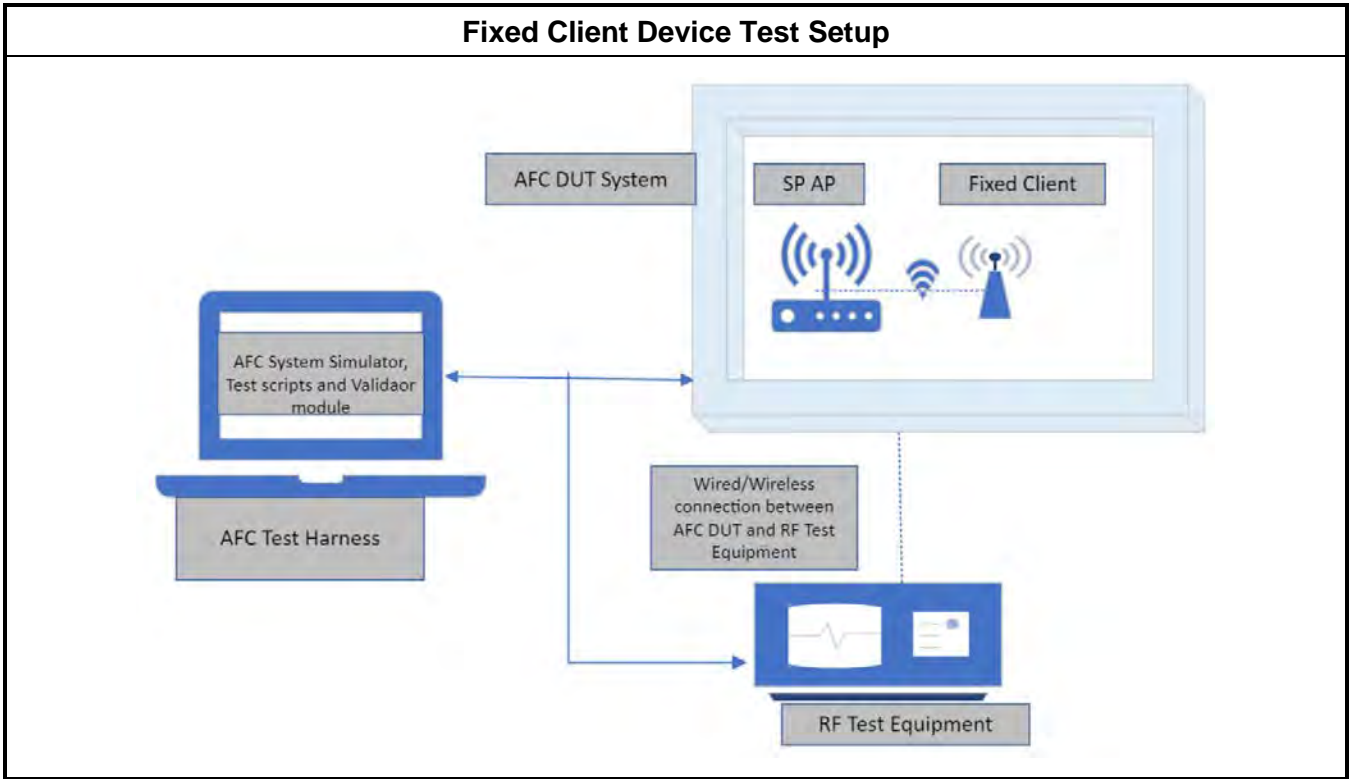
**For Fixed Client:**

| <b>Item</b> | <b>Question</b>   | <b>Vendor Response</b> |
|-------------|---|------------------------|
| 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







### 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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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: <ul style="list-style-type: none"><li>In the band if the AFC DUT supports only SP operation</li></ul> Or <ul style="list-style-type: none"><li>Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation</li></ul> Wait for 60 seconds<br>RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: <ul style="list-style-type: none"><li>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.</li><li>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.</li></ul> |
| 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)<br>RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: <ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>  |
| 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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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<br>RF Test Equipment monitors any transmission by the AFC DUT conforms to the conditions contained in the Available Spectrum Inquiry Response and does not exceed emissions limits in adjacent frequencies  |
| 20 | Trigger the AFC DUT to send to the AFC DUT Test Harness an Available Spectrum Inquiry Request using either In-band or Out-of-band methods   |
| 21 | AFC DUT sends a valid Available Spectrum Inquiry Request containing the inquiredFrequencyRange and/or the inquiredChannels fields*  |
| 22 | AFC DUT Test Harness validates the presence of mandatory registration information   |
| 23 | AFC DUT Test Harness sends an Available Spectrum Inquiry Response containing a list of available frequency ranges and/or channels and the maximum permissible transmit power in the availableFrequencyInfo and/or availableChannelInfo fields which are significantly different from Step 17. |
| 24 | If AFC DUT used Out-of-band method, initiate connection procedure between AFC DUT and SP Access Point by following instructions provided by the AFC DUT Vendor  |
| 25 | Wait for 60 seconds (configurable)<br>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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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: <ul style="list-style-type: none"><li>• For SP only operation, AFC DUT does not transmit in the band.</li><li>• For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.</li></ul>   |
| 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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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<br>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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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: <ul style="list-style-type: none"> <li>In the band if the AFC DUT supports only SP operation</li> </ul> Or <ul style="list-style-type: none"> <li>Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation</li> </ul> Wait for 60 seconds<br>RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul> |
| 7    | AFC DUT is power cycled.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate.   |
| 8    | Wait for 60 seconds<br>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 <ul style="list-style-type: none"> <li>For SP only operation, AFC DUT does not transmit in the band.</li> <li>For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.</li> </ul> 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. <ul style="list-style-type: none"> <li>During the 60 seconds wait time: <ul style="list-style-type: none"> <li>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</li> <li>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</li> </ul> </li> </ul>  |
| 11   | Wait for 60 seconds<br>RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>   |
| 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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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<br>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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate  |
| 21 | Wait for 60 seconds<br>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.<br>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.<br>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<br>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.<br>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.<br>Configure the DUT with AFC System URL and server root certificate.<br>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: <ul style="list-style-type: none"> <li>In the band if the AFC DUT supports only SP operation</li> </ul> Or <ul style="list-style-type: none"> <li>Above LPI limits for AFC DUT whose manufacturer attests to its compliance with rules for LPI operation</li> </ul> Wait for 60 seconds<br>RF Test Equipment monitors any transmission by the AFC DUT conforms to the following: <ul style="list-style-type: none"> <li>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.</li> </ul> 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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate.   |
| 8    | Wait for 60 seconds <ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>For SP only operation, AFC DUT does not transmit in the band,</li> <li>For AFC DUT whose manufacturer attests to its compliance with rules for LPI operation, the AFC DUT does not transmit above LPI limits.</li> </ul> </li> <li>If the AFC DUT sends an Available Spectrum Inquiry Request, then CONTINUE with Step 8</li> </ul>  |
| 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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate.<br>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<br>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.<br>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.<br>Configure the AFC DUT with AFC System URL and server root certificate   |
| 21 | Wait for 60 seconds<br>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.,<br>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<br>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    | <p>The AFC DUT set to Initial Pre-test State.</p> <p>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.</p> <p>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:</p> <ul style="list-style-type: none"> <li>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</li> <li>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</li> <li>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</li> <li>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</li> <li>Run 5: Same configuration as per Section 2.3.1, except OCSP stapling is disabled and CRL/OCSP servers are not available</li> <li>Run 6: Same configuration as per Section 2.3.1, except stapled OCSP response has expired and CRL/OCSP servers are not available</li> <li>Run 7: Same configuration as per Section 2.3.1, except only the TLS cipher suite "eNULL" (no encryption) is enabled</li> <li>Run 8: N/A (same configuration as per Section 2.3.1)</li> </ul> <p>Configure the AFC DUT with the AFC System URL and the following root certificate:</p> <ul style="list-style-type: none"> <li>Runs 1-7: Root certificate as per Section 2.3.1</li> <li>Run 8: No root certificate</li> </ul> <p>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.</p> |
| 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  | MTJ     | 4 Way     | DF01-DV01     | 1GHz ~ 6GHz     | 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) |
| RF Power Divider  | Titan   | 2 Way     | DV-8G -11     | 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**

| <b>Test Items</b>  | <b>Uncertainty</b> | <b>Remark</b>            |
|--------------------|--------------------|--------------------------|
| Conducted Emission | 3.1 dB             | Confidence levels of 95% |



## AFC DUT Compliance Test Report

### DUT Information

|                   |                                   |
|-------------------|-----------------------------------|
| AFC DUT System    | Standard Power AP                 |
| DUT Vendor Name   | Cambium                           |
| DUT Product Model | ePMP 4600L 6 GHz 2x2 Access Point |

### Test Result

| FCC Requirements | TestCaseName   | Test Result |
|------------------|--|-------------|
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)</a>               | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)</a>    | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)</a> | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)</a>   | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)</a>      | PASS        |

|   |   |      |
|---|---|------|
| 15.407(k)(8)(v)   | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)</a>          | PASS |
| 15.407(k)(8)(v)   | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)</a>         | PASS |
| 15.407(k)(8)(v)   | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)</a>             | PASS |
| 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)  | <a href="#">CT_AFC_SP_AP_AFCDUAU34_Frequency_10617_1 (Unsuccessful spectrum access update)</a>                        | PASS |
| 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)  | <a href="#">CT_AFC_SP_AP_AFCDUAU33_Frequency_10616_1 (Successful spectrum access update)</a>                          | PASS |
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)                                  | <a href="#">CT_AFC_SP_AP_AFCDUSA32_Frequency_10615_1 (Unsuccessful registration and spectrum access request)</a>      | 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) | <a href="#">CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1 (Successful registration and spectrum access request)</a> | 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) | <a href="#">CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1 (Successful registration and spectrum access request)</a>  | 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) | <a href="#">CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1 (Successful registration and spectrum access request)</a>  | 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) | <a href="#">CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1 (Successful registration and spectrum access request)</a>  | 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  | true  | PASS              |

|   |   |      |      |
|---|---|------|------|
|   | Response (23 dBm/MHz PSD) on channel 5 bandwidth 20.                    |      |      |
| 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\_AFCDSAU33\_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 (21.630617208216435)          | true  | PASS              |

|   |  |       |      |
|---|--|-------|------|
|   | dBm/MHz PSD) on channel 9 bandwidth 20.  |       |      |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies              | true  | PASS |
| AFC_DUT_SP_OPERATION_NO_REQ                             | AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case | false | PASS |

TestCaseName: CT\_AFC\_SP\_AP\_AFCDUSA32\_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 (9.81090797006049 dBm/MHz PSD) on channel center frequency index 143 bandwidth 160. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies   | true  | PASS              |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2                  | AFC DUT sends an Available Spectrum Inquiry Request   | true  | PASS              |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2                 | Valid mandatory registration information  | true  | PASS              |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2              | AFC DUT conforms to the conditions in Spectrum Response (8.348040204798952 dBm/MHz PSD) on channel  | true  | PASS              |

|   |   |      |      |
|---|---|------|------|
|   | center frequency index 47<br>bandwidth 160.                             |      |      |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies | true | PASS |

TestCaseName: CT\_AFC\_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 (8.694502760588614 dBm/MHz PSD) on channel center frequency index 39 bandwidth 80. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies  | true  | PASS              |

|   |   |      |      |
|---|---|------|------|
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2                  | AFC DUT sends an Available Spectrum Inquiry Request   | true | PASS |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2                 | Valid mandatory registration information  | true | PASS |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2              | AFC DUT conforms to the conditions in Spectrum Response (18.306601821628377 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 (16.364075373807808 dBm/MHz PSD) on channel center frequency index 3 bandwidth 40.   | true | PASS |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies  | true | PASS |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2                  | AFC DUT sends an Available Spectrum Inquiry Request  | true | PASS |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2                 | Valid mandatory registration information   | true | PASS |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2              | AFC DUT conforms to the conditions in Spectrum Response (10.251556612281288 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 |

TestCaseName: CT\_AFC\_SP\_AP\_AFCDRSA31\_Frequency\_20MHz\_10611\_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 (21.037669658109806 dBm/MHz PSD) on channel 77 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 (21.81788249322093 dBm/MHz PSD) on channel 153 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                   |
| DUT Product Model | ePMP 6 GHz Force 4600C SM |

### Test Result

| FCC Requirements   | TestCaseName  | Test Result |
|--|---|-------------|
| 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)   | <a href="#">CT_AFC_FC_STA_AFCDUAU34_Frequency_10646_1(Unsuccessful spectrum access update)</a>                        | PASS        |
| 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)   | <a href="#">CT_AFC_FC_STA_AFCDUAU33_Frequency_10645_1(Successful spectrum access update)</a>                          | PASS        |
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)                                 | <a href="#">CT_AFC_FC_STA_AFCDUSA32_Frequency_10644_1(Unsuccessful registration and spectrum access request)</a>      | PASS        |
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(i), 15.407(k)(8)(iv) | <a href="#">CT_AFC_FC_STA_AFCDRSA31_Frequency_160MHz_10643_1(Successful registration and spectrum access request)</a> | PASS        |
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(i), 15.407(k)(8)(iv) | <a href="#">CT_AFC_FC_STA_AFCDRSA31_Frequency_80MHz_10642_1(Successful registration and spectrum access request)</a>  | PASS        |

|  |  |      |
|--|--|------|
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(i), 15.407(k)(8)(iv) | <a href="#">CT_AFC_FC_STA_AFCDRSA31_Frequency_40MHz_10641_1(Successful registration and spectrum access request)</a> | PASS |
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(i), 15.407(k)(8)(iv) | <a href="#">CT_AFC_FC_STA_AFCDRSA31_Frequency_20MHz_10640_1(Successful registration and spectrum access request)</a> | 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 133 bandwidth 20. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS | AFC DUT conforms to not exceed emissions limits in adjacent frequencies                               | true  | PASS              |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2               | Valid mandatory registration information  | true  | PASS              |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2            | AFC DUT conforms to the conditions in the Spectrum  | true  | PASS              |

|  |                  |  |  |
|--|------------------|--|--|
|  | Inquiry Response |  |  |
|--|------------------|--|--|

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 (21.478011723327192 dBm/MHz PSD) on channel 169 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  | true  | PASS              |
|   | Response (19.565954042778756 dBm/MHz PSD) on channel 169 bandwidth 20.  |       |                   |
| 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 (11.645090411153365 dBm/MHz PSD) on channel center frequency index 143 bandwidth 160. | true | PASS |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies   | true | PASS |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2                  | AFC DUT sends an Available Spectrum Inquiry Request   | true | PASS |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2                 | Valid mandatory registration information  | true | PASS |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2              | AFC DUT conforms to the conditions in Spectrum Response (10.710733289532872 dBm/MHz PSD) on channel center frequency index 15 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

| 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 (14.922632195180277 dBm/MHz PSD) on channel center frequency index 71 bandwidth 80. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies   | true  | PASS              |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2                  | AFC DUT sends an Available Spectrum Inquiry Request   | true  | PASS              |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2                 | Valid mandatory registration information  | true  | PASS              |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2              | AFC DUT conforms to the conditions in Spectrum Response (13.74929839589267 dBm/MHz PSD) on channel center frequency index 135 bandwidth 80. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies   | true  | PASS              |

TestCaseName: CT\_AFC\_FC\_STA\_AFCDRSA31\_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 (16.410926538844155 dBm/MHz PSD) on channel center frequency index 155 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 (18.599607596021208 dBm/MHz PSD) on channel center frequency index 75 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 (21.062429869143166 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_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 (21.90847423659079 dBm/MHz PSD) on channel 177 bandwidth 20. | true | PASS |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies  | true | PASS |



AFC capability - Inquired Frequency

CT\_AFC\_SP\_AP\_AFCDRSA31\_Frequency\_20MHz\_10611\_1

##### 2023-10-17T01:24:31Z #####

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

##### 2023-10-17T01:24:31Z #####

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

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 12.359571250061821
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 14.591253918595928
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 14.673025853437071
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 8.543138443603642
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
  },
```

```
"maxPsd": 14.090964398095776
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 9.54782983197073
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.443323124982934
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.581469366177544
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.532712306892108
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.755673178885626
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 14.64050667120168
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.037669658109806
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 18.910121154169307
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 10.857423804410224
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.968110549615592
},
{
  "frequencyRange": {
```





```
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 12.588555842458035
}
],
"requestId": "2538624648",
"availabilityExpireTime": "2023-10-18T01:24:31Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2023-10-17T01:37:12Z #####

```
{
  "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": "77810776",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
        },
        "certificationId": [

```

```
{
  "nra": [
    "FCC"
  ],
  "id": [
    "Z8H89FT0069"
  ],
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.019691,
      "latitude": 24.844622
    },
    "majorAxis": 6,
    "minorAxis": 6,
    "orientation": 0
  },
  "elevation": {
    "height": 33,
    "heightType": "AMSL",
    "verticalUncertainty": 10
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
]
```



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

##### 2023-10-17T01:37:12Z #####

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 15.579930529618718  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6145,  
            "lowFrequency": 6125  
          },  
          "maxPsd": 21.115423659065204  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6165,  
            "lowFrequency": 6145  
          },  
          "maxPsd": 18.499033428420525  
        },  
      ]  
    }  
  ]  
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 9.821255241860415
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 19.286524044624223
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 10.9090157784425
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.271219306188103
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.53136957461011
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 20.545579638994433
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 9.337152055861399
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 14.189602689407803
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 18.411401582968885
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 21.06049334120567
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
```



```
    },
    "maxPsd": 12.991031030317927
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 21.81788249322093
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 8.336187880633876
  }
],
"requestId": "77810776",
"availabilityExpireTime": "2023-10-18T01:37:12Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT\_AFC\_SP\_AP\_AFCRSA31\_Frequency\_40MHz\_10612\_1

##### 2023-10-17T06:02:11Z #####

```
{
  "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": "230308560",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```



```
        "center": {
            "longitude": 121.019585,
            "latitude": 24.844589
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": -1,
        "heightType": "AMSL",
        "verticalUncertainty": 13
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-17T06:02:11Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```





```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 17.86294950779043
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 16.364075373807808
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 15.734718486233632
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 21.599556427481943
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 11.502894175212376
  }
]
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 15.197104633573026
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.63290281251761
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 9.97724991584521
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.136651336764707
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 12.22874552576716
},
{

```

```
"frequencyRange": {
  "highFrequency": 6165,
  "lowFrequency": 6145
},
"maxPsd": 20.57508110937328
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 10.886251833150174
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 9.899364661288221
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.838531183227195
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.980170130235464
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
"lowFrequency": 6245
},
"maxPsd": 15.038011458542424
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 19.972452623528362
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 10.258103290760964
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 11.85756222112793
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 17.056486747964737
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  },
```



```
        "maxPsd": 15.702635929316727
      },
      {
        "frequencyRange": {
          "highFrequency": 6385,
          "lowFrequency": 6365
        },
        "maxPsd": 13.52879124329565
      },
      {
        "frequencyRange": {
          "highFrequency": 6405,
          "lowFrequency": 6385
        },
        "maxPsd": 10.828297319698459
      },
      {
        "frequencyRange": {
          "highFrequency": 6425,
          "lowFrequency": 6405
        },
        "maxPsd": 11.294625311229312
      }
    ],
    "requestId": "230308560",
    "availabilityExpireTime": "2023-10-18T06:02:11Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

##### 2023-10-17T06:06:07Z #####

```
{
  "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": "1426057334",
      "deviceDescriptor": {
        "serialNumber": "E8YD0J39V6SW",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0069"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019585,
            "latitude": 24.844589
          },
          "majorAxis": 7,
          "minorAxis": 7,
```



```
        "orientation": 0
      },
      "elevation": {
        "height": -1,
        "heightType": "AMSL",
        "verticalUncertainty": 12
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

##### 2023-10-17T06:06:08Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6605,
```

```
"lowFrequency": 6585
},
"maxPsd": 12.52710978302909
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 8.305897983827926
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.961692894737794
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.494127925561756
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.49056312043094
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  },
```





```
        "maxPsd": 10.768769451557294
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 10.251556612281288
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 14.43954470683861
      }
    ],
    "requestId": "1426057334",
    "availabilityExpireTime": "2023-10-18T06:06:08Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

##### 2023-10-17T06:10:17Z #####

```
{
  "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": "2875093968",
      "deviceDescriptor": {
        "serialNumber": "E8YD0J39V6SW",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0069"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019585,
            "latitude": 24.844589
          },
          "majorAxis": 8,
          "minorAxis": 8,
          "orientation": 0
        },
        "elevation": {
          "height": -1,
          "heightType": "AMSL",
          "verticalUncertainty": 14
        }
      }
    }
  ]
}
```



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

##### 2023-10-17T06:10:17Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
          },
          "maxPsd": 12.52710978302909
        },
        {
          "frequencyRange": {
            "highFrequency": 6625,
```



```
"lowFrequency": 6605
},
"maxPsd": 8.305897983827926
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.961692894737794
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.494127925561756
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.49056312043094
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 10.768769451557294
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  },
```



```
"maxPsd": 10.251556612281288
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 14.43954470683861
}
],
"requestId": "2875093968",
"availabilityExpireTime": "2023-10-18T06:10:17Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT\_AFC\_SP\_AP\_AFCRSA31\_Frequency\_80MHz\_10613\_1

##### 2023-10-17T06:16:38Z #####

```
{
  "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": "716",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3672596669",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```



```
        "center": {
            "longitude": 121.019623,
            "latitude": 24.844599
        },
        "majorAxis": 8,
        "minorAxis": 8,
        "orientation": 0
    },
    "elevation": {
        "height": 16,
        "heightType": "AMSL",
        "verticalUncertainty": 14
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-17T06:16:39Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 17.284865332589362
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 8.694502760588614
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 21.975956364614298
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 10.472156176278817
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 12.8756233475378
  }
]
```





```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
      },  
      "maxPsd": 9.547412223635172  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 18.991223987598513  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 13.690202622196251  
    }  
  ],  
  "requestId": "3672596669",  
  "availabilityExpireTime": "2023-10-18T06:16:38Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

```
##### 2023-10-17T06:19:29Z #####  
{  
  "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": "716",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1572343906",
      "deviceDescriptor": {
        "serialNumber": "E8YD0J39V6SW",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0069"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
    },
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 121.019623,
        "latitude": 24.844599
      },
      "majorAxis": 8,
      "minorAxis": 8,
      "orientation": 0
    }
  }
}
```



```
    },
    "elevation": {
      "height": 16,
      "heightType": "AMSL",
      "verticalUncertainty": 14
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```

##### 2023-10-17T06:19:29Z #####

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



```
    },  
    "maxPsd": 14.06660864824384  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 5985,  
      "lowFrequency": 5965  
    },  
    "maxPsd": 10.439006603907066  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6005,  
      "lowFrequency": 5985  
    },  
    "maxPsd": 12.285146502671559  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6025,  
      "lowFrequency": 6005  
    },  
    "maxPsd": 12.80934980478428  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6045,  
      "lowFrequency": 6025  
    },  
    "maxPsd": 16.984164349346997  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6065,  
      "lowFrequency": 6045  
    },  
    "maxPsd": 13.670864243720393
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 10.449533655851985
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 20.52202662879049
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 20.267834981719794
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 21.102428053430046
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 18.306601821628377
},
{
```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 21.34551684106433
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.613135589059397
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 15.203128326314422
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 21.100363477876392
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 13.389119974385432
},
{
  "frequencyRange": {
    "highFrequency": 6605,
```



```
"lowFrequency": 6585
},
"maxPsd": 12.705036890392597
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.53662475755107
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 10.86602179724295
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 19.97713657285398
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 18.232099650844816
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  },
```



```
    "maxPsd": 20.475415157619558
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 19.3413121538592
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 10.999605625557857
  }
],
"requestId": "1572343906",
"availabilityExpireTime": "2023-10-18T06:19:29Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```





CT\_AFC\_SP\_AP\_AFCRSA31\_Frequency\_160MHz\_10614\_1

##### 2023-10-17T06:49:45Z #####

```
{
  "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": "715",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "668264250",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```



```
        "center": {
            "longitude": 121.019661,
            "latitude": 24.844616
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 30,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-17T06:49:45Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 9.793730878633163
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 20.739055978364277
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 11.253730538213018
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 8.211192575131568
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 18.09204309421222
  }
]
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 12.607026317273304
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.081673513673142
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 8.189131097029879
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.062470317084276
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 8.279257006636591
},
{
```

```
"frequencyRange": {
  "highFrequency": 6325,
  "lowFrequency": 6305
},
"maxPsd": 15.146065336218175
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 14.591006600134644
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 19.027154365268537
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 12.389598447514274
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 8.68971546013053
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```

```
        "lowFrequency": 6405
      },
      "maxPsd": 17.56553461763093
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 18.411669433313087
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 14.784008217333437
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 9.81090797006049
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 20.015011532870272
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
    },
```



```
        "maxPsd": 10.838142296105174
      },
      {
        "frequencyRange": {
          "highFrequency": 6705,
          "lowFrequency": 6685
        },
        "maxPsd": 16.959312219292578
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 9.9280235207304
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 20.30657422327092
      }
    ],
    "requestId": "668264250",
    "availabilityExpireTime": "2023-10-18T06:49:45Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

##### 2023-10-17T06:57:22Z #####

```
{
  "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": "716",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "2339547385",
      "deviceDescriptor": {
        "serialNumber": "E8YD0J39V6SW",
        "rulesetIds": [
          "US_47_CFR_PART_15_SUBPART_E"
        ],
        "certificationId": [
          {
            "nra": [
              "FCC"
            ],
            "id": [
              "Z8H89FT0069"
            ],
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 121.019661,
            "latitude": 24.844616
          },
          "majorAxis": 8,
          "minorAxis": 8,
```





```
        "orientation": 0
      },
      "elevation": {
        "height": 30,
        "heightType": "AMSL",
        "verticalUncertainty": 13
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

##### 2023-10-17T06:57:22Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
```

```
"lowFrequency": 6105
},
"maxPsd": 12.110400418308176
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 17.03549513166636
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.666145183104545
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 17.80926191114223
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 19.754825838399007
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  },
```



```
    "maxPsd": 12.795278064279884
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 8.348040204798952
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 10.004466749713455
  }
],
"requestId": "2339547385",
"availabilityExpireTime": "2023-10-18T06:57:22Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT\_AFC\_SP\_AP\_AFCDUSA32\_Frequency\_10615\_1

##### 2023-10-17T08:17:51Z #####

```
{
  "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": "706",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "365522870",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```



```
        "center": {
            "longitude": 121.019661,
            "latitude": 24.844604
        },
        "majorAxis": 6,
        "minorAxis": 6,
        "orientation": 0
    },
    "elevation": {
        "height": 21,
        "heightType": "AMSL",
        "verticalUncertainty": 11
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
```

```
##### 2023-10-17T08:17:51Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```



```
"shortDescription": "SUCCESS"  
  },  
  "availableFrequencyInfo": [],  
  "requestId": "365522870",  
  "availabilityExpireTime": "2023-10-18T08:17:51Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
  }  
],  
"version": "1.4"  
}
```



CT\_AFC\_SP\_AP\_AFCDSAU33\_Frequency\_10616\_1

##### 2023-10-17T08:21:22Z #####

```
{
  "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": "706",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "990099198",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```



```
        "center": {
            "longitude": 121.019661,
            "latitude": 24.844604
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 21,
        "heightType": "AMSL",
        "verticalUncertainty": 12
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
}
```

```
##### 2023-10-17T08:21:22Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```





```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 17.236547041304135
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 8.83845333437619
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 21.630617208216435
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 18.646074175213336
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 21.952637353694946
  }
]
```

```
},  
{  
  "frequencyRange": {  
    "highFrequency": 6065,  
    "lowFrequency": 6045  
  },  
  "maxPsd": 15.551410650813395  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6085,  
    "lowFrequency": 6065  
  },  
  "maxPsd": 16.68328579918417  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6105,  
    "lowFrequency": 6085  
  },  
  "maxPsd": 11.11651259420605  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6605,  
    "lowFrequency": 6585  
  },  
  "maxPsd": 14.324207743748198  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6625,  
    "lowFrequency": 6605  
  },  
  "maxPsd": 15.885462186584725  
},  
{
```

```
"frequencyRange": {
  "highFrequency": 6645,
  "lowFrequency": 6625
},
"maxPsd": 16.976286486386222
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 13.35594387468809
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.847645653643369
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 11.824675083350545
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 14.764133448777008
},
{
  "frequencyRange": {
    "highFrequency": 6745,
```



```
"lowFrequency": 6725
},
"maxPsd": 11.12391596366381
}
],
"requestId": "990099198",
"availabilityExpireTime": "2023-10-18T08:21:22Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT\_AFC\_SP\_AP\_AFCDU34\_Frequency\_10617\_1

##### 2023-10-20T01:12:28Z #####

```
{
  "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": "1022223135",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
```



```
        "center": {
            "longitude": 121.019653,
            "latitude": 24.844643
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
    },
    "elevation": {
        "height": 19,
        "heightType": "AMSL",
        "verticalUncertainty": 9
    },
    "indoorDeployment": 2
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": 10
}
]
}
```

```
##### 2023-10-20T01:12:28Z #####
{
    "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": "1022223135",
"availabilityExpireTime": "2023-10-21T01:12:28Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```



```
"version": "1.4"
}

##### 2023-10-20T01:19:19Z #####
{
  "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": "66530782",
        "deviceDescriptor": {
          "serialNumber": "E8YD0J39V6SW",
          "rulesetIds": [
            "US_47_CFR_PART_15_SUBPART_E"
          ],
          "certificationId": [
            {
              "nra": [
                "FCC"
              ],
              "id": [
                "Z8H89FT0069"
              ],
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      ]
    },
  },
}
```



```
"location": {
  "ellipse": {
    "center": {
      "longitude": 121.019661,
      "latitude": 24.844603
    },
    "majorAxis": 7,
    "minorAxis": 7,
    "orientation": 0
  },
  "elevation": {
    "height": 22,
    "heightType": "AMSL",
    "verticalUncertainty": 9
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
```

##### 2023-10-20T01:19:19Z #####

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





```
"response": {  
  "responseCode": 0,  
  "shortDescription": "SUCCESS"  
},  
"availableFrequencyInfo": [],  
"requestId": "66530782",  
"availabilityExpireTime": "2023-10-21T01:19:19Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```



AFC capability - Inquired Frequency

CT\_AFC\_FC\_STA\_AFCDRSA31\_Frequency\_20MHz\_10640\_1

##### 2024-03-15T07:52:56Z #####

```
{
  "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": "643",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3198568963",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": 120.9958,
          "latitude": 24.7978
        },
        "majorAxis": 7,
        "minorAxis": 7,
        "orientation": 0
      }
    }
  }
}
```



```
    },
    "elevation": {
      "height": 37,
      "heightType": "AMSL",
      "verticalUncertainty": 13
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```

##### 2024-03-15T07:52:57Z #####

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

```
    },  
    "maxPsd": 8.596086028854467  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 5985,  
      "lowFrequency": 5965  
    },  
    "maxPsd": 10.599036013247389  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6005,  
      "lowFrequency": 5985  
    },  
    "maxPsd": 15.935872770031295  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6025,  
      "lowFrequency": 6005  
    },  
    "maxPsd": 17.660396139004284  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6045,  
      "lowFrequency": 6025  
    },  
    "maxPsd": 10.3522820124366  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6065,  
      "lowFrequency": 6045  
    },  
    "maxPsd": 20.739338662952456
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.378369460271152
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 9.581496787939612
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 21.74747588641929
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.63051590031093
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 17.09192265576455
},
{
```



```
"frequencyRange": {
  "highFrequency": 6185,
  "lowFrequency": 6165
},
"maxPsd": 18.080936750893155
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 12.242964605586094
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 12.229052958962477
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 11.01841212750044
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 13.677108621116258
},
{
  "frequencyRange": {
    "highFrequency": 6285,
```



```
        "lowFrequency": 6265
      },
      "maxPsd": 20.672658850482584
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 21.982962696416394
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 16.776052048995012
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 18.845013014042596
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 17.07007913270572
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
    },
```

```
    "maxPsd": 14.036789707664093
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 16.828489286744507
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 21.062429869143166
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 18.1857867393955
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 18.01786936656474
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 15.768077944030914
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 9.852830084735649
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.488415010168822
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.486358328829748
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 11.125493589155257
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 8.435433069096128
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6705,  
        "lowFrequency": 6685  
    },  
    "maxPsd": 12.284276480127563  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
    },  
    "maxPsd": 14.340974216938347  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
    },  
    "maxPsd": 19.689462717767853  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745  
    },  
    "maxPsd": 14.133880537583451  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
    },  
    "maxPsd": 14.075273387020813  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785
```



```
    },
    "maxPsd": 17.91170773008331
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 20.747000437038636
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 15.981893284158689
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 14.596044547174525
  }
],
"requestId": "3198568963",
"availabilityExpireTime": "2024-03-16T07:52:57Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-15T07:56:38Z #####

```
{
  "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": "642",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1347509419",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9957,
        "latitude": 24.7978
      },
      "majorAxis": 6,
      "minorAxis": 6,
      "orientation": 0
    },
    "elevation": {
      "height": 36,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    }
  },
}
```



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

##### 2024-03-15T07:56:39Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.596086028854467
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
```



```
        "lowFrequency": 5965
      },
      "maxPsd": 10.599036013247389
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 15.935872770031295
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 17.660396139004284
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 10.3522820124366
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 20.739338662952456
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
    },
```

```
"maxPsd": 14.378369460271152
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 9.581496787939612
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 21.74747588641929
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.63051590031093
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 17.09192265576455
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 18.080936750893155
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 12.242964605586094
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 12.229052958962477
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 11.01841212750044
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 13.677108621116258
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 20.672658850482584
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 21.982962696416394
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 16.776052048995012
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.845013014042596
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 17.07007913270572
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 14.036789707664093
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
```



```
    },  
    "maxPsd": 16.828489286744507  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6425,  
      "lowFrequency": 6405  
    },  
    "maxPsd": 21.062429869143166  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6545,  
      "lowFrequency": 6525  
    },  
    "maxPsd": 18.1857867393955  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6565,  
      "lowFrequency": 6545  
    },  
    "maxPsd": 18.01786936656474  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6585,  
      "lowFrequency": 6565  
    },  
    "maxPsd": 15.768077944030914  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6605,  
      "lowFrequency": 6585  
    },  
    "maxPsd": 9.852830084735649
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6625,  
        "lowFrequency": 6605  
      },  
      "maxPsd": 14.488415010168822  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625  
      },  
      "maxPsd": 14.486358328829748  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 11.125493589155257  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 8.435433069096128  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 12.284276480127563  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6725,
  "lowFrequency": 6705
},
"maxPsd": 14.340974216938347
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 19.689462717767853
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 14.133880537583451
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 14.075273387020813
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 17.91170773008331
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```



```
        "lowFrequency": 6805
      },
      "maxPsd": 20.747000437038636
    },
    {
      "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
      },
      "maxPsd": 15.981893284158689
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 14.596044547174525
    }
  ],
  "requestId": "1347509419",
  "availabilityExpireTime": "2024-03-16T07:56:38Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

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

##### 2024-03-15T08:07:09Z #####

```
{
  "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": "642",
```

```
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1503482090",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": 120.9958,
            "latitude": 24.7978
          },
          "majorAxis": 6,
          "minorAxis": 6,
          "orientation": 0
        },
        "elevation": {
          "height": 36,
          "heightType": "AMSL",
          "verticalUncertainty": 8
        },
        "indoorDeployment": 2
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5925,
          "highFrequency": 6425
        }
      ]
    }
  ]
}
```



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

##### 2024-03-15T08:07:09Z #####

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 14.995299326313699  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 21.06649666790637  
        },  
        {  
          "frequencyRange": {
```



```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 13.875394835967374
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 14.794475828383
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 11.331064841683137
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 15.796913657175429
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 10.443922396522305
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
```



```
    },  
    "maxPsd": 20.904090466838852  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6125,  
      "lowFrequency": 6105  
    },  
    "maxPsd": 12.312316310621291  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6145,  
      "lowFrequency": 6125  
    },  
    "maxPsd": 12.57650066117366  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6165,  
      "lowFrequency": 6145  
    },  
    "maxPsd": 19.221285241898215  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6185,  
      "lowFrequency": 6165  
    },  
    "maxPsd": 9.454917926215328  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6205,  
      "lowFrequency": 6185  
    },  
    "maxPsd": 14.768974419809727
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
      },  
      "maxPsd": 8.16497955104923  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 16.377214222835935  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 12.533945965818784  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 18.04084492608037  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 10.273983405320207  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6325,
  "lowFrequency": 6305
},
"maxPsd": 20.483897327028124
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.75942390865309
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.983716742376382
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 12.364478064101904
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.53038237952215
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```



```
        "lowFrequency": 6405
      },
      "maxPsd": 14.780903565300111
    },
    {
      "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
      },
      "maxPsd": 13.065523932370473
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 21.568045067489468
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 10.44382436668192
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 10.583035042076736
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
    },
```

```
"maxPsd": 9.291448339774803
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 17.463505816514633
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 19.43861534533276
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.157885249415703
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 19.751386743708395
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 11.880786904117292
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 20.20896848386246
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 8.091868961551324
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 16.12654120058917
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 9.533203768109681
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 11.776710672330466
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 21.90847423659079
},
{
    "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
    },
    "maxPsd": 8.656992742419202
}
],
"requestId": "1503482090",
"availabilityExpireTime": "2024-03-16T08:07:09Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-15T08:09:22Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
```

```
"requestId": "3873748791",
"deviceDescriptor": {
  "serialNumber": "E8XK002LVG3H",
  "certificationId": [
    {
      "id": "Z8H89FT0069",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 120.9958,
      "latitude": 24.7978
    },
    "majorAxis": 6,
    "minorAxis": 6,
    "orientation": 0
  },
  "elevation": {
    "height": 36,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
```





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

##### 2024-03-15T08:09:22Z #####

{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.995299326313699
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 21.06649666790637
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 13.875394835967374
        },
        {

```



```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 14.794475828383
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 11.331064841683137
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 15.796913657175429
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 10.443922396522305
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 20.904090466838852
},
{
  "frequencyRange": {
    "highFrequency": 6125,
```



```
        "lowFrequency": 6105
      },
      "maxPsd": 12.312316310621291
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 12.57650066117366
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 19.221285241898215
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 9.454917926215328
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 14.768974419809727
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
    },
```

```
"maxPsd": 8.16497955104923
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 16.377214222835935
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.533945965818784
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 18.04084492608037
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 10.273983405320207
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 20.483897327028124
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.75942390865309
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.983716742376382
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 12.364478064101904
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.53038237952215
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 14.780903565300111
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6545,
        "lowFrequency": 6525
    },
    "maxPsd": 13.065523932370473
},
{
    "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 21.568045067489468
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 10.44382436668192
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 10.583035042076736
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 9.291448339774803
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
```

```
    },
    "maxPsd": 17.463505816514633
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 19.43861534533276
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 14.157885249415703
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 19.751386743708395
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 11.880786904117292
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 20.20896848386246
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745  
      },  
      "maxPsd": 8.091868961551324  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
      },  
      "maxPsd": 16.12654120058917  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785  
      },  
      "maxPsd": 9.533203768109681  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6825,  
        "lowFrequency": 6805  
      },  
      "maxPsd": 11.776710672330466  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6845,  
        "lowFrequency": 6825  
      },  
      "maxPsd": 21.90847423659079  
    },  
    {
```





```
        "frequencyRange": {
            "highFrequency": 6865,
            "lowFrequency": 6845
        },
        "maxPsd": 8.656992742419202
    }
],
"requestId": "3873748791",
"availabilityExpireTime": "2024-03-16T08:09:22Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT\_AFC\_FC\_STA\_AFCRSA31\_Frequency\_40MHz\_10641\_1

##### 2024-03-15T09:16:44Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1737906012",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 120.9958,
              "latitude": 24.7978
            },
            "majorAxis": 6,
            "minorAxis": 6,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
        "elevation": {
            "height": 39,
            "heightType": "AMSL",
            "verticalUncertainty": 7
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": 10
}
]
}
```

##### 2024-03-15T09:16:44Z #####

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

```

```
"maxPsd": 13.66008164359903
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 10.220836120738438
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 12.804205581094322
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 11.181703716525485
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 8.995739654901088
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 19.899110353144067
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 17.990558339144258
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 12.198637514498454
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 12.99203092476321
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 18.50490281280028
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 21.306868574182758
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 14.119008523087235
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 11.700613148700898
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 18.21935443770867
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 18.33325723344271
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 11.433134881851515
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 16.352201577512645
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 14.031727447112402
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 12.36869483631055
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 18.510525293424013
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 20.87874498615806
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 16.568444413662583
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 8.13330627209231  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 14.347042813339455  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6545,  
        "lowFrequency": 6525  
      },  
      "maxPsd": 11.923133867100928  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6565,  
        "lowFrequency": 6545  
      },  
      "maxPsd": 12.628035492517402  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6585,  
        "lowFrequency": 6565  
      },  
      "maxPsd": 11.278127127168009  
    },  
    {
```





```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 8.47916945058564
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.233378662161652
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.202255395267823
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.854147715186425
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 10.258344495043563
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```



```
        "lowFrequency": 6685
      },
      "maxPsd": 21.040408200933804
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 16.410926538844155
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 20.13134830016017
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 11.543790406941651
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 8.260767526668293
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



```
        "maxPsd": 20.36265764996091
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 10.756658045654984
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 19.275317612432563
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 15.43313842678835
      }
    ],
    "requestId": "1737906012",
    "availabilityExpireTime": "2024-03-16T09:16:44Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
},
"version": "1.4"
}
```

##### 2024-03-15T09:23:37Z #####

```
{
  "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": "642",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "2247149055",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 6,
      "minorAxis": 6,
      "orientation": 0
    },
    "elevation": {
      "height": 39,
      "heightType": "AMSL",
      "verticalUncertainty": 7
    }
  },
  "indoorDeployment": 2
}
```



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

##### 2024-03-15T09:23:38Z #####

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 13.66008164359903  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          }  
        }  
      ]  
    }  
  ]  
}
```

```
    },
    "maxPsd": 10.220836120738438
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 12.804205581094322
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 11.181703716525485
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 8.995739654901088
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 19.899110353144067
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 17.990558339144258
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6105,  
        "lowFrequency": 6085  
      },  
      "maxPsd": 12.198637514498454  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6125,  
        "lowFrequency": 6105  
      },  
      "maxPsd": 12.99203092476321  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6145,  
        "lowFrequency": 6125  
      },  
      "maxPsd": 18.50490281280028  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6165,  
        "lowFrequency": 6145  
      },  
      "maxPsd": 21.306868574182758  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
      },  
      "maxPsd": 14.119008523087235  
    },  
    {
```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 11.700613148700898
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 18.21935443770867
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 18.33325723344271
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 11.433134881851515
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 16.352201577512645
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```





```
        "lowFrequency": 6285
      },
      "maxPsd": 14.031727447112402
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 12.36869483631055
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 18.510525293424013
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 20.878744498615806
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 16.568444413662583
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
    "maxPsd": 8.13330627209231
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 14.347042813339455
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 11.923133867100928
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 12.628035492517402
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 11.278127127168009
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 8.47916945058564
  },
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.233378662161652
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.202255395267823
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.854147715186425
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 10.258344495043563
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.040408200933804
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 16.410926538844155
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 20.13134830016017
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 11.543790406941651
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 8.260767526668293
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 20.36265764996091
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```



```
    },
    "maxPsd": 10.756658045654984
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 19.275317612432563
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 15.43313842678835
  }
],
"requestId": "2247149055",
"availabilityExpireTime": "2024-03-16T09:23:37Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-15T09:24:59Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  }
}
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "2226249164",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 6,
      "minorAxis": 6,
      "orientation": 0
    },
    "elevation": {
      "height": 39,
      "heightType": "AMSL",
      "verticalUncertainty": 7
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```



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

##### 2024-03-15T09:24:59Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 13.66008164359903
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 10.220836120738438
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 12.804205581094322
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 11.181703716525485
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 8.995739654901088
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 19.899110353144067
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 17.990558339144258
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```



```
    "maxPsd": 12.198637514498454
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.99203092476321
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 18.50490281280028
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 21.306868574182758
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 14.119008523087235
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 11.700613148700898
  },
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 18.21935443770867
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 18.33325723344271
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 11.433134881851515
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 16.352201577512645
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 14.031727447112402
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 12.36869483631055
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 18.510525293424013
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 20.878744498615806
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 16.568444413662583
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 8.13330627209231
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
```

```
    },
    "maxPsd": 14.347042813339455
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 11.923133867100928
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 12.628035492517402
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 11.278127127168009
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 8.47916945058564
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 17.233378662161652
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625  
      },  
      "maxPsd": 20.202255395267823  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 10.854147715186425  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 10.258344495043563  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 21.040408200933804  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 16.410926538844155  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 20.13134830016017
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 11.543790406941651
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 8.260767526668293
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 20.36265764996091
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 10.756658045654984
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```



```
        "lowFrequency": 6825
      },
      "maxPsd": 19.275317612432563
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 15.43313842678835
    }
  ],
  "requestId": "2226249164",
  "availabilityExpireTime": "2024-03-16T09:24:59Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-15T09:28:31Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1145881524",
```

```
"deviceDescriptor": {
  "serialNumber": "E8XK002LVG3H",
  "certificationId": [
    {
      "id": "Z8H89FT0069",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 120.9958,
      "latitude": 24.7978
    },
    "majorAxis": 6,
    "minorAxis": 6,
    "orientation": 0
  },
  "elevation": {
    "height": 39,
    "heightType": "AMSL",
    "verticalUncertainty": 7
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```





```
    }
  ]
}

##### 2024-03-15T09:28:32Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.450145698578616
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.264329864846518
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 9.1011981280847
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 9.924175598088851
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 14.087650127314985
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.278183777602411
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 14.613130880015095
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 11.981548914833745
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
```



```
    },
    "maxPsd": 12.073755002907271
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 21.00206785174628
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 9.836045041017599
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 18.92845858611187
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 17.492225171103712
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 8.73286456352744
  }
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 17.592564737268415  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 11.688518626204733  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 17.796420763318572  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 20.0626376984562  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": 18.599607596021208  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 20.284270697787534
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 11.595029631052274
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 10.591599161090137
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.571435998852735
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 14.485372252253601
},
{
  "frequencyRange": {
    "highFrequency": 6545,
```



```
        "lowFrequency": 6525
      },
      "maxPsd": 9.436885825860681
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 16.877846450592763
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 17.146085454397596
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 11.481114282330932
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 19.84916210842226
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
    },
```

```
"maxPsd": 8.543299872209968
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 20.59624412152567
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 18.37991236795395
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 15.327862715121762
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 21.80829216764915
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.671633827706005
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 18.508840025022664
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 9.964155930729188
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 8.1783419811206
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 9.308337305557275
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 21.20632559752508
},
{
  "frequencyRange": {
```





```
        "highFrequency": 6865,
        "lowFrequency": 6845
    },
    "maxPsd": 10.777998478797494
}
],
"requestId": "1145881524",
"availabilityExpireTime": "2024-03-16T09:28:32Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-03-15T09:28:57Z #####
{
  "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": "641",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "710992239",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ]
  }
}
```



```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 120.9958,
      "latitude": 24.7978
    },
    "majorAxis": 6,
    "minorAxis": 6,
    "orientation": 0
  },
  "elevation": {
    "height": 39,
    "heightType": "AMSL",
    "verticalUncertainty": 7
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
```

##### 2024-03-15T09:28:58Z #####



```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.450145698578616
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.264329864846518
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 9.1011981280847
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 9.924175598088851
        }
      ]
    }
  ]
}
```

```
"frequencyRange": {
  "highFrequency": 6045,
  "lowFrequency": 6025
},
"maxPsd": 14.087650127314985
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 10.278183777602411
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.613130880015095
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 11.981548914833745
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 12.073755002907271
},
{
  "frequencyRange": {
    "highFrequency": 6145,
```



```
        "lowFrequency": 6125
      },
      "maxPsd": 21.00206785174628
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 9.836045041017599
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 18.92845858611187
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 17.492225171103712
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 8.73286456352744
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
    },
```

```
    "maxPsd": 17.592564737268415
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 11.688518626204733
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 17.796420763318572
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 20.0626376984562
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 18.599607596021208
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 20.284270697787534
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 11.595029631052274
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 10.591599161090137
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.571435998852735
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 14.485372252253601
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 9.436885825860681
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6565,
        "lowFrequency": 6545
    },
    "maxPsd": 16.877846450592763
},
{
    "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
    },
    "maxPsd": 17.146085454397596
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 11.481114282330932
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 19.84916210842226
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 8.543299872209968
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
```



```
    },
    "maxPsd": 20.59624412152567
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 18.37991236795395
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 15.327862715121762
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 21.80829216764915
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 8.671633827706005
  },
  {
    "frequencyRange": {
      "highFrequency": 6765,
      "lowFrequency": 6745
    },
    "maxPsd": 18.508840025022664
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
      },  
      "maxPsd": 9.964155930729188  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785  
      },  
      "maxPsd": 8.1783419811206  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6825,  
        "lowFrequency": 6805  
      },  
      "maxPsd": 9.308337305557275  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6845,  
        "lowFrequency": 6825  
      },  
      "maxPsd": 21.20632559752508  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6865,  
        "lowFrequency": 6845  
      },  
      "maxPsd": 10.777998478797494  
    }  
  ],
```



```
"requestId": "710992239",
"availabilityExpireTime": "2024-03-16T09:28:58Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-03-15T09:29:23Z #####
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2239891993",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
```



```
        "longitude": 120.9958,  
        "latitude": 24.7978  
    },  
    "majorAxis": 6,  
    "minorAxis": 6,  
    "orientation": 0  
},  
"elevation": {  
    "height": 39,  
    "heightType": "AMSL",  
    "verticalUncertainty": 7  
},  
"indoorDeployment": 2  
},  
"inquiredFrequencyRange": [  
    {  
        "lowFrequency": 5925,  
        "highFrequency": 6425  
    },  
    {  
        "lowFrequency": 6525,  
        "highFrequency": 6875  
    }  
],  
"minDesiredPower": 10  
}  
]  
}
```

##### 2024-03-15T09:29:24Z #####

```
{  
    "availableSpectrumInquiryResponses": [  
        {  
            "response": {  
                "responseCode": 0,  
                "shortDescription": "SUCCESS"  
            }  
        }  
    ]  
}
```

```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 12.450145698578616
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 15.264329864846518
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 9.1011981280847
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 9.924175598088851
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.087650127314985
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 10.278183777602411
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.613130880015095
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 11.981548914833745
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 12.073755002907271
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.00206785174628
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 9.836045041017599
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 18.92845858611187
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 17.492225171103712
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 8.73286456352744
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 17.592564737268415
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
```

```
    },
    "maxPsd": 11.688518626204733
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 17.796420763318572
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 20.0626376984562
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 18.599607596021208
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 20.284270697787534
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 11.595029631052274
  }
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 10.591599161090137  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 19.571435998852735  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 14.485372252253601  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6545,  
        "lowFrequency": 6525  
      },  
      "maxPsd": 9.436885825860681  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6565,  
        "lowFrequency": 6545  
      },  
      "maxPsd": 16.877846450592763  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6585,
  "lowFrequency": 6565
},
"maxPsd": 17.146085454397596
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 11.481114282330932
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 19.84916210842226
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.543299872209968
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 20.59624412152567
},
{
  "frequencyRange": {
    "highFrequency": 6685,
```



```
        "lowFrequency": 6665
      },
      "maxPsd": 18.37991236795395
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 15.327862715121762
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 21.80829216764915
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 8.671633827706005
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 18.508840025022664
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
    },
```

```
        "maxPsd": 9.964155930729188
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 8.1783419811206
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 9.308337305557275
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 21.20632559752508
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 10.777998478797494
      }
    ],
    "requestId": "2239891993",
    "availabilityExpireTime": "2024-03-16T09:29:23Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
```



```
}  
  
##### 2024-03-15T09:29:50Z #####  
{  
  "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": "641",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "896680867",  
        "deviceDescriptor": {  
          "serialNumber": "E8XK002LVG3H",  
          "certificationId": [  
            {  
              "id": "Z8H89FT0069",  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "longitude": 120.9958,  
          "latitude": 24.7978  
        },  
        "majorAxis": 6,  
        "minorAxis": 6,  
        "orientation": 0  
      }  
    }  
  }  
}
```



```
    },
    "elevation": {
      "height": 39,
      "heightType": "AMSL",
      "verticalUncertainty": 7
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": 10
}
]
```

##### 2024-03-15T09:29:50Z #####

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

```
    },  
    "maxPsd": 12.450145698578616  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 5985,  
      "lowFrequency": 5965  
    },  
    "maxPsd": 15.264329864846518  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6005,  
      "lowFrequency": 5985  
    },  
    "maxPsd": 9.1011981280847  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6025,  
      "lowFrequency": 6005  
    },  
    "maxPsd": 9.924175598088851  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6045,  
      "lowFrequency": 6025  
    },  
    "maxPsd": 14.087650127314985  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6065,  
      "lowFrequency": 6045  
    },  
    "maxPsd": 10.278183777602411
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.613130880015095
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 11.981548914833745
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 12.073755002907271
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.00206785174628
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 9.836045041017599
},
{
```





```
"frequencyRange": {
  "highFrequency": 6185,
  "lowFrequency": 6165
},
"maxPsd": 18.92845858611187
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 17.492225171103712
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.73286456352744
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.592564737268415
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 11.688518626204733
},
{
  "frequencyRange": {
    "highFrequency": 6285,
```

```
        "lowFrequency": 6265
      },
      "maxPsd": 17.796420763318572
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 20.0626376984562
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 18.599607596021208
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 20.284270697787534
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 11.595029631052274
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
    },
```

```
    "maxPsd": 10.591599161090137
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 19.571435998852735
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 14.485372252253601
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 9.436885825860681
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 16.877846450592763
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 17.146085454397596
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 11.481114282330932
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 19.84916210842226
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.543299872209968
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 20.59624412152567
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 18.37991236795395
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 15.327862715121762
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 21.80829216764915
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 8.671633827706005
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 18.508840025022664
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 9.964155930729188
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
```



```
    },
    "maxPsd": 8.1783419811206
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 9.308337305557275
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 21.20632559752508
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 10.777998478797494
  }
],
"requestId": "896680867",
"availabilityExpireTime": "2024-03-16T09:29:50Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-15T09:30:16Z #####

```
{
  "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": "641",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "974802227",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    },
    {
      "location": {
        "ellipse": {
          "center": {
            "longitude": 120.9958,
            "latitude": 24.7978
          },
          "majorAxis": 6,
          "minorAxis": 6,
          "orientation": 0
        },
        "elevation": {
          "height": 39,
          "heightType": "AMSL",
          "verticalUncertainty": 7
        }
      }
    }
  ]
}
```



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

##### 2024-03-15T09:30:16Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.450145698578616
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
```



```
        "lowFrequency": 5965
      },
      "maxPsd": 15.264329864846518
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 9.1011981280847
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 9.924175598088851
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 14.087650127314985
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 10.278183777602411
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
    },
```

```
    "maxPsd": 14.613130880015095
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 11.981548914833745
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.073755002907271
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 21.00206785174628
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 9.836045041017599
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 18.92845858611187
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 17.492225171103712
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.73286456352744
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.592564737268415
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 11.688518626204733
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 17.796420763318572
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.0626376984562
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 18.599607596021208
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 20.284270697787534
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 11.595029631052274
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 10.591599161090137
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
```

```
    },
    "maxPsd": 19.571435998852735
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 14.485372252253601
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 9.436885825860681
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 16.877846450592763
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 17.146085454397596
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 11.481114282330932
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6625,  
        "lowFrequency": 6605  
      },  
      "maxPsd": 19.84916210842226  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625  
      },  
      "maxPsd": 8.543299872209968  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 20.59624412152567  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 18.37991236795395  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 15.327862715121762  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6725,
  "lowFrequency": 6705
},
"maxPsd": 21.80829216764915
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.671633827706005
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 18.508840025022664
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 9.964155930729188
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 8.1783419811206
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```



```
        "lowFrequency": 6805
      },
      "maxPsd": 9.308337305557275
    },
    {
      "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
      },
      "maxPsd": 21.20632559752508
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 10.777998478797494
    }
  ],
  "requestId": "974802227",
  "availabilityExpireTime": "2024-03-16T09:30:16Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

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

##### 2024-03-15T09:31:33Z #####

```
{
  "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": "642",
```



```
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1387759203",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    },
    {
      "location": {
        "ellipse": {
          "center": {
            "longitude": 120.9958,
            "latitude": 24.7978
          },
          "majorAxis": 6,
          "minorAxis": 6,
          "orientation": 0
        },
        "elevation": {
          "height": 39,
          "heightType": "AMSL",
          "verticalUncertainty": 7
        },
        "indoorDeployment": 2
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5925,
          "highFrequency": 6425
        }
      ]
    }
  ]
}
```



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

##### 2024-03-15T09:31:33Z #####

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 12.450145698578616  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 15.264329864846518  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 9.1011981280847
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 9.924175598088851
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 14.087650127314985
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.278183777602411
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 14.613130880015095
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
```

```
    },
    "maxPsd": 11.981548914833745
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.073755002907271
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 21.00206785174628
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 9.836045041017599
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 18.92845858611187
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 17.492225171103712
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
      },  
      "maxPsd": 8.73286456352744  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 17.592564737268415  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 11.688518626204733  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 17.796420763318572  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 20.0626376984562  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6325,
  "lowFrequency": 6305
},
"maxPsd": 18.599607596021208
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 20.284270697787534
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 11.595029631052274
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 10.591599161090137
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.571435998852735
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```



```
        "lowFrequency": 6405
      },
      "maxPsd": 14.485372252253601
    },
    {
      "frequencyRange": {
        "highFrequency": 6545,
        "lowFrequency": 6525
      },
      "maxPsd": 9.436885825860681
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 16.877846450592763
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 17.146085454397596
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 11.481114282330932
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
    },
```

```
    "maxPsd": 19.84916210842226
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 8.543299872209968
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 20.59624412152567
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 18.37991236795395
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 15.327862715121762
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 21.80829216764915
  },
}
```





```
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.671633827706005
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 18.508840025022664
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 9.964155930729188
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 8.1783419811206
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 9.308337305557275
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6845,  
        "lowFrequency": 6825  
    },  
    "maxPsd": 21.20632559752508  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6865,  
        "lowFrequency": 6845  
    },  
    "maxPsd": 10.777998478797494  
}  
],  
"requestId": "1387759203",  
"availabilityExpireTime": "2024-03-16T09:31:33Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```



CT\_AFC\_FC\_STA\_AFCRSA31\_Frequency\_80MHz\_10642\_1

##### 2024-03-16T01:19:15Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1695150653",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 120.9957,
              "latitude": 24.7978
            },
            "majorAxis": 7,
            "minorAxis": 7,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
        "elevation": {
            "height": 24,
            "heightType": "AMSL",
            "verticalUncertainty": 8
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": 10
}
]
}
```

##### 2024-03-16T01:19:15Z #####

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

```

```
"maxPsd": 17.83115593165939
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 10.107461098391354
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 17.83899092079006
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 18.250184265409025
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 14.17661029552771
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 12.967084852483534
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 19.043750122684184
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 11.753776762270093
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.08289184514657
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 19.715404320098017
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 21.41724488088095
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 11.920813638629085
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.60209662253495
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 9.211703082535402
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 14.986991384087268
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 15.989836247979888
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },  
    "maxPsd": 14.922632195180277  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6305,  
      "lowFrequency": 6285  
    },  
    "maxPsd": 16.711287754485447  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6325,  
      "lowFrequency": 6305  
    },  
    "maxPsd": 21.386894964339014  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6345,  
      "lowFrequency": 6325  
    },  
    "maxPsd": 21.123079626470343  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6365,  
      "lowFrequency": 6345  
    },  
    "maxPsd": 14.79801036312551  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6385,  
      "lowFrequency": 6365  
    },  
    "maxPsd": 11.316753096598307
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 12.470491663949558  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 21.774946129915598  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6545,  
        "lowFrequency": 6525  
      },  
      "maxPsd": 16.10820237611047  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6565,  
        "lowFrequency": 6545  
      },  
      "maxPsd": 10.967813796628148  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6585,  
        "lowFrequency": 6565  
      },  
      "maxPsd": 17.88503162256744  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 10.820333977563378
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.191550537311823
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.459089696218136
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 17.262480322927775
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.696066158033407
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```



```
        "lowFrequency": 6685
      },
      "maxPsd": 12.591931258573815
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 9.040194381503415
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 21.568389905593058
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 8.174762379275545
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 15.96856597741117
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



```
        "maxPsd": 14.834952539947233
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 12.443006375286542
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 21.993081059218227
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 9.069929739981465
      }
    ],
    "requestId": "1695150653",
    "availabilityExpireTime": "2024-03-17T01:19:15Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

##### 2024-03-16T01:25:22Z #####
{
  "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": "642",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1270882132",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9957,
        "latitude": 24.7978
      },
      "majorAxis": 7,
      "minorAxis": 7,
      "orientation": 0
    },
    "elevation": {
      "height": 24,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    }
  },
  "indoorDeployment": 2
}
```



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

##### 2024-03-16T01:25:22Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.83115593165939
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```



```
    },  
    "maxPsd": 10.107461098391354  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6005,  
      "lowFrequency": 5985  
    },  
    "maxPsd": 17.83899092079006  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6025,  
      "lowFrequency": 6005  
    },  
    "maxPsd": 18.250184265409025  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6045,  
      "lowFrequency": 6025  
    },  
    "maxPsd": 14.17661029552771  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6065,  
      "lowFrequency": 6045  
    },  
    "maxPsd": 12.967084852483534  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6085,  
      "lowFrequency": 6065  
    },  
    "maxPsd": 19.043750122684184
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 11.753776762270093
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.08289184514657
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 19.715404320098017
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 21.41724488088095
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.920813638629085
},
{
```



```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 19.60209662253495
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.211703082535402
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 14.986991384087268
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 15.989836247979888
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 14.922632195180277
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```



```
        "lowFrequency": 6285
      },
      "maxPsd": 16.711287754485447
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 21.386894964339014
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 21.123079626470343
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 14.79801036312551
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 11.316753096598307
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
    "maxPsd": 12.470491663949558
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 21.774946129915598
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 16.10820237611047
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 10.967813796628148
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 17.88503162256744
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 10.820333977563378
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.191550537311823
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.459089696218136
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 17.262480322927775
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.696066158033407
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 12.591931258573815
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 9.040194381503415
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 21.568389905593058
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 8.174762379275545
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 15.96856597741117
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 14.834952539947233
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```



},
"maxPsd": 12.443006375286542
},
{
"frequencyRange": {
"highFrequency": 6845,
"lowFrequency": 6825
},
"maxPsd": 21.993081059218227
},
{
"frequencyRange": {
"highFrequency": 6865,
"lowFrequency": 6845
},
"maxPsd": 9.069929739981465
}
},
"requestId": "1270882132",
"availabilityExpireTime": "2024-03-17T01:25:22Z",
"rulesetId": "US\_47\_CFR\_PART\_15\_SUBPART\_E"
}
],
"version": "1.4"
}

##### 2024-03-16T01:36:55Z #####

{
"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": "642",
"Connection": "Keep-Alive"
}

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "3610668203",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 7,
      "minorAxis": 7,
      "orientation": 0
    },
    "elevation": {
      "height": 26,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```



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

##### 2024-03-16T01:36:55Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.701967073120985
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.137281512712779
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```



```
        "lowFrequency": 5985
      },
      "maxPsd": 9.45741458031741
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 10.853264017183264
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 15.56135017717406
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 18.030920599752875
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 18.865961491122555
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```

```
    "maxPsd": 8.177871745835086
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.3482155314622
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 11.478255981522075
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 17.14267565087483
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 21.309097377914267
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 13.074122434562753
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 12.468489659160598
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 8.198640590089875
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 17.321461767010568
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.652014806086878
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 13.759381034935714
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6325,  
        "lowFrequency": 6305  
    },  
    "maxPsd": 11.695322274983237  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
    },  
    "maxPsd": 12.789858641524521  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
    },  
    "maxPsd": 10.495863806091505  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
    },  
    "maxPsd": 13.782190219875623  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
    },  
    "maxPsd": 20.154893781974216  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405
```

```
    },
    "maxPsd": 10.49985332670218
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 18.074365939302744
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 18.764436111438883
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 14.078924673809905
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 18.750528370506423
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 21.613546272904117
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625  
      },  
      "maxPsd": 15.15615709005364  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 13.74929839589267  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 8.185249535055636  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 20.38009891708719  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 16.597461601349877  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 19.956570643754795
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 11.700943409591883
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 15.042514315087612
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 19.201465225866166
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 12.826721782668422
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```



```
        "lowFrequency": 6825
      },
      "maxPsd": 19.823195961598422
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 8.53034844179945
    }
  ],
  "requestId": "3610668203",
  "availabilityExpireTime": "2024-03-17T01:36:55Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-16T01:49:43Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3208728088",
```



```
"deviceDescriptor": {
  "serialNumber": "E8XK002LVG3H",
  "certificationId": [
    {
      "id": "Z8H89FT0069",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 120.9958,
      "latitude": 24.7978
    },
    "majorAxis": 7,
    "minorAxis": 7,
    "orientation": 0
  },
  "elevation": {
    "height": 26,
    "heightType": "AMSL",
    "verticalUncertainty": 9
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```



```
    }
  ]
}

##### 2024-03-16T01:49:43Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 8.701967073120985
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.137281512712779
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 9.45741458031741
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 10.853264017183264
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 15.56135017717406
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 18.030920599752875
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 18.865961491122555
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 8.177871745835086
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
```

```
    },  
    "maxPsd": 12.3482155314622  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6145,  
      "lowFrequency": 6125  
    },  
    "maxPsd": 11.478255981522075  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6165,  
      "lowFrequency": 6145  
    },  
    "maxPsd": 17.14267565087483  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6185,  
      "lowFrequency": 6165  
    },  
    "maxPsd": 21.309097377914267  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6205,  
      "lowFrequency": 6185  
    },  
    "maxPsd": 13.074122434562753  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6225,  
      "lowFrequency": 6205  
    },  
    "maxPsd": 12.468489659160598
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 8.198640590089875
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 17.321461767010568
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.652014806086878
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 13.759381034935714
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 11.695322274983237
},
{
```



```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 12.789858641524521
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 10.495863806091505
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 13.782190219875623
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 20.154893781974216
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 10.49985332670218
},
{
  "frequencyRange": {
    "highFrequency": 6545,
```



```
        "lowFrequency": 6525
      },
      "maxPsd": 18.074365939302744
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 18.764436111438883
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 14.078924673809905
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 18.750528370506423
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 21.613546272904117
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
    },
```

```
"maxPsd": 15.15615709005364
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 13.74929839589267
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 8.185249535055636
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 20.38009891708719
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.597461601349877
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 19.956570643754795
},
},
```





```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 11.700943409591883
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 15.042514315087612
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 19.201465225866166
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 12.826721782668422
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 19.823195961598422
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6865,  
        "lowFrequency": 6845  
    },  
    "maxPsd": 8.53034844179945  
  }  
],  
  "requestId": "3208728088",  
  "availabilityExpireTime": "2024-03-17T01:49:43Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```



CT\_AFC\_FC\_STA\_AFCRSA31\_Frequency\_160MHz\_10643\_1

##### 2024-03-16T01:54:25Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2779040023",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "longitude": 120.9958,
              "latitude": 24.7978
            },
            "majorAxis": 7,
            "minorAxis": 7,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
        "elevation": {
            "height": 26,
            "heightType": "AMSL",
            "verticalUncertainty": 9
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": 10
}
]
}
```

##### 2024-03-16T01:54:25Z #####

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

```

```
    "maxPsd": 12.268267063148063
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 18.445353121194906
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 9.256375064424436
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 21.162684118005295
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.810134761502264
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 16.224180239340996
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 18.288586673787748
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 20.9799633384128
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 17.40327108846477
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 14.691709179460679
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 19.70389318738744
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 13.32599288980861
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 14.47591439499175
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 18.28038442562262
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 9.004752731763537
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 16.859702315770374
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 13.909798729685576
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 14.000087363056707
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 12.568745934777645
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 15.493059689551602
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 8.80990300570837
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 19.89880739930487
  }
```



```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.87590026171122
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 15.258133157375726
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 9.021394729467989
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 11.518992778808872
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 15.6310137097706
},
{
```



```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 19.734431571255705
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 12.279558647129392
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.645090411153365
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.379741578148064
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 21.93524793199074
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```



```
        "lowFrequency": 6685
      },
      "maxPsd": 18.022182293261917
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 18.671364237342175
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 15.516920387109945
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 14.575330401245296
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 12.110055489103075
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



```
        "maxPsd": 15.9733595805362
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 13.776608061158926
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 19.626519155301523
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 18.916283062471706
      }
    ],
    "requestId": "2779040023",
    "availabilityExpireTime": "2024-03-17T01:54:25Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

##### 2024-03-16T01:58:24Z #####
{
  "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": "642",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "2361545647",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 7,
      "minorAxis": 7,
      "orientation": 0
    },
    "elevation": {
      "height": 26,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    }
  },
  "indoorDeployment": 2
}
```



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

##### 2024-03-16T01:58:24Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.268267063148063
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 18.445353121194906
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 9.256375064424436
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 21.162684118005295
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.810134761502264
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 16.224180239340996
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 18.288586673787748
  }
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 20.9799633384128
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 17.40327108846477
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 14.691709179460679
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 19.70389318738744
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 13.32599288980861
    },
    {

```





```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 14.47591439499175
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 18.28038442562262
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.004752731763537
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 16.859702315770374
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.909798729685576
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```



```
        "lowFrequency": 6285
      },
      "maxPsd": 14.000087363056707
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 12.568745934777645
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 15.493059689551602
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 8.80990300570837
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 19.89880739930487
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
    "maxPsd": 10.87590026171122
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 15.258133157375726
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 9.021394729467989
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 11.518992778808872
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 15.6310137097706
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 19.734431571255705
  },
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 12.279558647129392
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.645090411153365
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.379741578148064
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 21.93524793199074
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 18.022182293261917
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 18.671364237342175
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 15.516920387109945
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 14.575330401245296
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 12.110055489103075
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 15.9733595805362
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
```



},
"maxPsd": 13.776608061158926
},
{
"frequencyRange": {
"highFrequency": 6845,
"lowFrequency": 6825
},
"maxPsd": 19.626519155301523
},
{
"frequencyRange": {
"highFrequency": 6865,
"lowFrequency": 6845
},
"maxPsd": 18.916283062471706
}
},
"requestId": "2361545647",
"availabilityExpireTime": "2024-03-17T01:58:24Z",
"rulesetId": "US\_47\_CFR\_PART\_15\_SUBPART\_E"
}
],
"version": "1.4"
}

##### 2024-03-16T01:59:28Z #####

{
"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": "642",
"Connection": "Keep-Alive"
}

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "3990848878",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 7,
      "minorAxis": 7,
      "orientation": 0
    },
    "elevation": {
      "height": 26,
      "heightType": "AMSL",
      "verticalUncertainty": 9
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```



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

##### 2024-03-16T01:59:28Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.268267063148063
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 18.445353121194906
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```





```
        "lowFrequency": 5985
      },
      "maxPsd": 9.256375064424436
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 21.162684118005295
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 14.810134761502264
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 16.224180239340996
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 18.288586673787748
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```

```
    "maxPsd": 20.9799633384128
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 17.40327108846477
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 14.691709179460679
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 19.70389318738744
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 13.32599288980861
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 14.47591439499175
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 18.28038442562262
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.004752731763537
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 16.859702315770374
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.909798729685576
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 14.000087363056707
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 12.568745934777645
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 15.493059689551602
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 8.80990300570837
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 19.89880739930487
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 10.87590026171122
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
```

```
    },  
    "maxPsd": 15.258133157375726  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6545,  
      "lowFrequency": 6525  
    },  
    "maxPsd": 9.021394729467989  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6565,  
      "lowFrequency": 6545  
    },  
    "maxPsd": 11.518992778808872  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6585,  
      "lowFrequency": 6565  
    },  
    "maxPsd": 15.6310137097706  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6605,  
      "lowFrequency": 6585  
    },  
    "maxPsd": 19.734431571255705  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6625,  
      "lowFrequency": 6605  
    },  
    "maxPsd": 12.279558647129392
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.645090411153365
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.379741578148064
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 21.93524793199074
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 18.022182293261917
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 18.671364237342175
},
{

```



```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 15.516920387109945
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 14.575330401245296
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 12.110055489103075
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 15.9733595805362
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 13.776608061158926
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```



```
        "lowFrequency": 6825
      },
      "maxPsd": 19.626519155301523
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 18.916283062471706
    }
  ],
  "requestId": "3990848878",
  "availabilityExpireTime": "2024-03-17T01:59:28Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-16T02:05:58Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3466737117",
```



```
"deviceDescriptor": {
  "serialNumber": "E8XK002LVG3H",
  "certificationId": [
    {
      "id": "Z8H89FT0069",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 120.9958,
      "latitude": 24.7978
    },
    "majorAxis": 7,
    "minorAxis": 7,
    "orientation": 0
  },
  "elevation": {
    "height": 26,
    "heightType": "AMSL",
    "verticalUncertainty": 9
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
```



```
    }
  ]
}

##### 2024-03-16T02:05:58Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.84098056132908
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 19.428634517221575
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 19.024929793628235
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6025,  
        "lowFrequency": 6005  
    },  
    "maxPsd": 12.49081810071361  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6045,  
        "lowFrequency": 6025  
    },  
    "maxPsd": 21.20273688545368  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6065,  
        "lowFrequency": 6045  
    },  
    "maxPsd": 21.4050067929145  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065  
    },  
    "maxPsd": 15.970395826212375  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6105,  
        "lowFrequency": 6085  
    },  
    "maxPsd": 10.710733289532872  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6125,  
        "lowFrequency": 6105
```



```
    },
    "maxPsd": 19.128472745254662
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 21.674479433799988
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 9.564479735379988
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 9.37741597487674
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 8.870686908863844
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 16.872596563911646
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 14.81323899267017  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 20.330578097251816  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 10.71176887047392  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 14.568831248347118  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": 12.687449449594679  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 9.50944454853688
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 9.142843739467061
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.971972915250655
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 16.346803158498222
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.984357124113124
},
{
  "frequencyRange": {
    "highFrequency": 6545,
```

```
        "lowFrequency": 6525
      },
      "maxPsd": 15.848140337100158
    },
    {
      "frequencyRange": {
        "highFrequency": 6565,
        "lowFrequency": 6545
      },
      "maxPsd": 13.334810864005462
    },
    {
      "frequencyRange": {
        "highFrequency": 6585,
        "lowFrequency": 6565
      },
      "maxPsd": 12.291941201895744
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 20.589882110536017
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 21.033844398045755
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
    },
```

```
    "maxPsd": 20.981354285647264
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 14.743903717930932
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 8.910962799851877
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 11.465122886442622
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 18.765392286227684
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 8.826926236521375
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 12.849924027280501
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 19.913945272270215
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.946048433200318
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 19.24889433220271
},
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 9.230175986442758
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6865,  
        "lowFrequency": 6845  
    },  
    "maxPsd": 20.59702128102067  
  }  
],  
  "requestId": "3466737117",  
  "availabilityExpireTime": "2024-03-17T02:05:58Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

##### 2024-03-16T02:09:48Z #####

```
{  
  "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": "641",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "868735785",  
        "deviceDescriptor": {  
          "serialNumber": "E8XK002LVG3H",  
          "certificationId": [  
            {  
              "id": "Z8H89FT0069",  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
            }  
          ]  
        }  
      }  
    ]  
  }  
}
```



```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": 120.9958,
      "latitude": 24.7978
    },
    "majorAxis": 7,
    "minorAxis": 7,
    "orientation": 0
  },
  "elevation": {
    "height": 26,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": 10
}
]
}
```

##### 2024-03-16T02:09:48Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.84098056132908
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 19.428634517221575
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 19.024929793628235
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 12.49081810071361
        }
      ]
    }
  ]
}
```



```
"frequencyRange": {
  "highFrequency": 6045,
  "lowFrequency": 6025
},
"maxPsd": 21.20273688545368
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 21.4050067929145
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.970395826212375
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.710733289532872
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 19.128472745254662
},
{
  "frequencyRange": {
    "highFrequency": 6145,
```

```
        "lowFrequency": 6125
      },
      "maxPsd": 21.674479433799988
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 9.564479735379988
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 9.37741597487674
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 8.870686908863844
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 16.872596563911646
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
    },
```

```
    "maxPsd": 14.81323899267017
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 20.330578097251816
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 10.71176887047392
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 14.568831248347118
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 12.687449449594679
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 9.50944454853688
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 9.142843739467061
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.971972915250655
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 16.346803158498222
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.984357124113124
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 15.848140337100158
},
{
  "frequencyRange": {
```





```
        "highFrequency": 6565,  
        "lowFrequency": 6545  
    },  
    "maxPsd": 13.334810864005462  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6585,  
        "lowFrequency": 6565  
    },  
    "maxPsd": 12.291941201895744  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6605,  
        "lowFrequency": 6585  
    },  
    "maxPsd": 20.589882110536017  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6625,  
        "lowFrequency": 6605  
    },  
    "maxPsd": 21.033844398045755  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625  
    },  
    "maxPsd": 20.981354285647264  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645
```

```
    },
    "maxPsd": 14.743903717930932
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 8.910962799851877
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 11.465122886442622
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 18.765392286227684
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 8.826926236521375
  },
  {
    "frequencyRange": {
      "highFrequency": 6765,
      "lowFrequency": 6745
    },
    "maxPsd": 12.849924027280501
  }
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
      },  
      "maxPsd": 19.913945272270215  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785  
      },  
      "maxPsd": 18.946048433200318  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6825,  
        "lowFrequency": 6805  
      },  
      "maxPsd": 19.24889433220271  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6845,  
        "lowFrequency": 6825  
      },  
      "maxPsd": 9.230175986442758  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6865,  
        "lowFrequency": 6845  
      },  
      "maxPsd": 20.59702128102067  
    }  
  ],
```



```
"requestId": "868735785",
"availabilityExpireTime": "2024-03-17T02:09:48Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-03-16T02:15:52Z #####
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3686196606",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
```



```
        "longitude": 120.9958,  
        "latitude": 24.7977  
    },  
    "majorAxis": 7,  
    "minorAxis": 7,  
    "orientation": 0  
},  
"elevation": {  
    "height": 23,  
    "heightType": "AMSL",  
    "verticalUncertainty": 8  
},  
"indoorDeployment": 2  
},  
"inquiredFrequencyRange": [  
    {  
        "lowFrequency": 5925,  
        "highFrequency": 6425  
    },  
    {  
        "lowFrequency": 6525,  
        "highFrequency": 6875  
    }  
],  
"minDesiredPower": 10  
}  
]  
}
```

##### 2024-03-16T02:15:52Z #####

```
{  
    "availableSpectrumInquiryResponses": [  
        {  
            "response": {  
                "responseCode": 0,  
                "shortDescription": "SUCCESS"  
            }  
        }  
    ]  
}
```

```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 17.84098056132908
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 19.428634517221575
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 19.024929793628235
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 12.49081810071361
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 21.20273688545368
  },
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 21.4050067929145
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.970395826212375
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.710733289532872
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 19.128472745254662
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.674479433799988
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 9.564479735379988
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 9.37741597487674
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 8.870686908863844
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.872596563911646
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 14.81323899267017
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
```



```
    },
    "maxPsd": 20.330578097251816
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 10.71176887047392
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 14.568831248347118
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 12.687449449594679
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 9.50944454853688
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 9.142843739467061
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 11.971972915250655  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 16.346803158498222  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 21.984357124113124  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6545,  
        "lowFrequency": 6525  
      },  
      "maxPsd": 15.848140337100158  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6565,  
        "lowFrequency": 6545  
      },  
      "maxPsd": 13.334810864005462  
    },  
    {
```



```
"frequencyRange": {
  "highFrequency": 6585,
  "lowFrequency": 6565
},
"maxPsd": 12.291941201895744
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 20.589882110536017
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.033844398045755
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 20.981354285647264
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 14.743903717930932
},
{
  "frequencyRange": {
    "highFrequency": 6685,
```



```
        "lowFrequency": 6665
      },
      "maxPsd": 8.910962799851877
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 11.465122886442622
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 18.765392286227684
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 8.826926236521375
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 12.849924027280501
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
    },
```

```
        "maxPsd": 19.913945272270215
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 18.946048433200318
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 19.24889433220271
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 9.230175986442758
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 20.59702128102067
      }
    ],
    "requestId": "3686196606",
    "availabilityExpireTime": "2024-03-17T02:15:52Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
},
"version": "1.4"
}
```



CT\_AFC\_FC\_STA\_AFCUSA32\_Frequency\_10644\_1

##### 2024-03-16T02:18:43Z #####

```
{
  "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": "641",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "502850918",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "longitude": 120.9958,
              "latitude": 24.7977
            },
            "majorAxis": 7,
            "minorAxis": 7,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
        "elevation": {
            "height": 23,
            "heightType": "AMSL",
            "verticalUncertainty": 8
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": 10
}
]
}
```

##### 2024-03-16T02:18:43Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "502850918",
      "availabilityExpireTime": "2024-03-17T02:18:43Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
}
```



```
"version": "1.4"
}

##### 2024-03-16T02:23:48Z #####
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3626364686",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": 120.9958,
          "latitude": 24.7977
        },
        "majorAxis": 6,
        "minorAxis": 6,

```





```
        "orientation": 0
      },
      "elevation": {
        "height": 23,
        "heightType": "AMSL",
        "verticalUncertainty": 7
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": 10
  }
]
}
```

##### 2024-03-16T02:23:49Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "3626364686",
      "availabilityExpireTime": "2024-03-17T02:23:49Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ]
}
```



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



CT\_AFC\_FC\_STA\_AFCDSAU33\_Frequency\_10645\_1

##### 2024-03-16T03:50:39Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1320473535",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        },
        "location": {
          "ellipse": {
            "center": {
              "longitude": 120.9958,
              "latitude": 24.7979
            },
            "majorAxis": 6,
            "minorAxis": 6,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
        "elevation": {
            "height": 65,
            "heightType": "AMSL",
            "verticalUncertainty": 8
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": 10
}
]
}
```

##### 2024-03-16T03:50:39Z #####

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

```

```
"maxPsd": 12.18680462401319
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 12.57151632691317
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 20.975361338606376
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 9.29511794840204
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 20.152630416558345
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 15.666088223693839
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.449803417137364
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 16.88905709268856
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 15.108869453203663
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 15.596879370862982
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 18.282288699255282
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 16.488326483673134
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.066044143335073
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 8.586351537017675
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 8.95199027018359
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 21.031659796195616
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 15.624644269298512
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 10.457406993555292
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 15.086252011068353
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 17.494608638672887
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 10.04675190617541
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 8.277837781702283
  }
```



```
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 16.314358620939757
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 20.11374938786505
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 15.597609796835972
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 17.046700653393803
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 18.544261651711814
},
{
```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 8.76539064501118
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 11.669745161484878
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.594067400740622
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.18341695719367
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.506703125087627
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```



```
        "lowFrequency": 6685
      },
      "maxPsd": 17.99235743758247
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 9.63111089658694
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 8.747225215677512
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 8.011546423949977
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 8.046448254268737
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



```
        "maxPsd": 21.478011723327192
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 11.017959431468014
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 14.057306012111495
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 10.556188064822216
      }
    ],
    "requestId": "1320473535",
    "availabilityExpireTime": "2024-03-17T03:50:39Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
},
"version": "1.4"
}
```

##### 2024-03-16T03:54:30Z #####

```
{
  "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": "640",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "85550756",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 7,
      "minorAxis": 7,
      "orientation": 0
    },
    "elevation": {
      "height": 70,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    }
  },
  "indoorDeployment": 2
}
```



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

##### 2024-03-16T03:54:31Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.18680462401319
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 12.57151632691317
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 20.975361338606376
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 9.29511794840204
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 20.152630416558345
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 15.666088223693839
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 14.449803417137364
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 16.88905709268856
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 15.108869453203663
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 15.596879370862982
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 18.282288699255282
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 16.488326483673134
},
{
```





```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 19.066044143335073
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.586351537017675
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 8.95199027018359
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 21.031659796195616
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 15.624644269298512
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```



```
        "lowFrequency": 6285
      },
      "maxPsd": 10.457406993555292
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 15.086252011068353
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 17.494608638672887
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 10.04675190617541
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 8.277837781702283
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
    },
```

```
    "maxPsd": 16.314358620939757
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 20.11374938786505
  },
  {
    "frequencyRange": {
      "highFrequency": 6545,
      "lowFrequency": 6525
    },
    "maxPsd": 15.597609796835972
  },
  {
    "frequencyRange": {
      "highFrequency": 6565,
      "lowFrequency": 6545
    },
    "maxPsd": 17.046700653393803
  },
  {
    "frequencyRange": {
      "highFrequency": 6585,
      "lowFrequency": 6565
    },
    "maxPsd": 18.544261651711814
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 8.76539064501118
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 11.669745161484878
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.594067400740622
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.18341695719367
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.506703125087627
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 17.99235743758247
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6725,  
        "lowFrequency": 6705  
    },  
    "maxPsd": 9.63111089658694  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
    },  
    "maxPsd": 8.747225215677512  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745  
    },  
    "maxPsd": 8.011546423949977  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
    },  
    "maxPsd": 8.046448254268737  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785  
    },  
    "maxPsd": 21.478011723327192  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6825,  
        "lowFrequency": 6805
```



```
    },
    "maxPsd": 11.017959431468014
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 14.057306012111495
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 10.556188064822216
  }
],
"requestId": "85550756",
"availabilityExpireTime": "2024-03-17T03:54:30Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-16T03:59:50Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  }
}
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "954640553",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 9,
      "minorAxis": 9,
      "orientation": 0
    },
    "elevation": {
      "height": 30,
      "heightType": "AMSL",
      "verticalUncertainty": 16
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```



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

##### 2024-03-16T04:01:37Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.060808060642138
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 17.402985202083087
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```





```
        "lowFrequency": 5985
      },
      "maxPsd": 21.20712085076279
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 11.52586542329442
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 21.23027698372644
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 11.77047990739218
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 14.526260696412415
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```

```
    "maxPsd": 8.661442185447463
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 17.055281245083318
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 21.179633142794877
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 15.183274861173604
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 10.00232119617083
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 19.991204880668064
  },
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.792392977817702
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 19.199760755502254
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 20.645968106537396
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.33746012960895
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 12.677749589279117
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,  
        "lowFrequency": 6305  
    },  
    "maxPsd": 21.023648812923565  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
    },  
    "maxPsd": 10.926764923595817  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
    },  
    "maxPsd": 20.994087133595976  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
    },  
    "maxPsd": 17.784135273896432  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
    },  
    "maxPsd": 13.981075716760248  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405
```



```
    },  
    "maxPsd": 14.47133052294421  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6545,  
      "lowFrequency": 6525  
    },  
    "maxPsd": 10.600260984043384  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6565,  
      "lowFrequency": 6545  
    },  
    "maxPsd": 11.157904867478088  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6585,  
      "lowFrequency": 6565  
    },  
    "maxPsd": 16.74097181023248  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6605,  
      "lowFrequency": 6585  
    },  
    "maxPsd": 14.193791510008147  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6625,  
      "lowFrequency": 6605  
    },  
    "maxPsd": 16.825509591034304
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.226864663594935
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 17.672436008995803
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 21.12083614328864
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 18.917172613987297
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 10.710297788924663
},
{
```



```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 8.96169488674853
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 18.463075990062674
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 21.848658376330732
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 19.565954042778756
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 11.862250836523266
},
{
  "frequencyRange": {
    "highFrequency": 6845,
```



```
        "lowFrequency": 6825
      },
      "maxPsd": 20.956882735988223
    },
    {
      "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 15.234774285791442
    }
  ],
  "requestId": "954640553",
  "availabilityExpireTime": "2024-03-17T04:01:37Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```





CT\_AFC\_FC\_STA\_AFCDAU34\_Frequency\_10646\_1

##### 2024-03-19T02:44:22Z #####

```
{
  "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": "642",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1958695082",
        "deviceDescriptor": {
          "serialNumber": "E8XK002LVG3H",
          "certificationId": [
            {
              "id": "Z8H89FT0069",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "longitude": 120.9958,
              "latitude": 24.7977
            },
            "majorAxis": 5,
            "minorAxis": 5,
            "orientation": 0
          }
        }
      }
    ]
  }
}
```



```
        "elevation": {
            "height": 18,
            "heightType": "AMSL",
            "verticalUncertainty": 8
        },
        "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": 10
}
]
```

##### 2024-03-19T02:44:22Z #####

```
{
  "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": "1958695082",
    "availabilityExpireTime": "2024-03-20T02:44:22Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

##### 2024-03-19T02:48:22Z #####

```
{
  "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": "643",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1482078579",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7977
      },
      "majorAxis": 8,
      "minorAxis": 8,
      "orientation": 0
    },
    "elevation": {
      "height": 18,
      "heightType": "AMSL",
      "verticalUncertainty": 13
    }
  },
  "indoorDeployment": 2
}
```



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

##### 2024-03-19T02:48:22Z #####

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



```
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
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      "lowFrequency": 6825
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 23
  }
],
"requestId": "1482078579",
"availabilityExpireTime": "2024-03-20T02:48:22Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2024-03-19T02:57:41Z #####

```
{
  "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": "643",
    "Connection": "Keep-Alive"
  }
}
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "2484769018",
      "deviceDescriptor": {
        "serialNumber": "E8XK002LVG3H",
        "certificationId": [
          {
            "id": "Z8H89FT0069",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": 120.9958,
        "latitude": 24.7978
      },
      "majorAxis": 8,
      "minorAxis": 8,
      "orientation": 0
    },
    "elevation": {
      "height": 20,
      "heightType": "AMSL",
      "verticalUncertainty": 13
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```



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

##### 2024-03-19T02:57:41Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "requestId": "2484769018",
      "availabilityExpireTime": "2024-03-20T02:57:41Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

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 | Note                   |
|-------------|------------------|-----------------|--------------------|-------------|------------|--------------------------|--------|---------------|--------------------|------------------------------|--------|------------------------|
| 6335        | SP               | 20              | 29.00              | 3.12        | 32.12      | -                        | N/A    | -9.48         | 19.52              | 21.03                        | Pass   | -                      |
| 6715        | SP               | 20              | 29.00              | 1.86        | 30.86      | -                        | N/A    | -10.79        | 18.21              | 21.81                        | Pass   | -                      |
| 5965        | SP               | 40              | 29.00              | -           | -          | -                        | N/A    | -             | -                  | 16.36                        | Pass   | No 6G channel is used. |
| 6725        | SP               | 40              | 29.00              | -           | -          | -                        | N/A    | -             | -                  | 10.25                        | Pass   | No 6G channel is used. |
| 6145        | SP               | 80              | 29.00              | -           | -          | -                        | N/A    | -             | -                  | 8.69                         | Pass   | No 6G channel is used. |
| 6305        | SP               | 80              | 29.00              | 5.95        | 34.95      | -                        | N/A    | -12.54        | 16.46              | 18.30                        | Pass   | -                      |
| 6665        | SP               | 160             | 29.00              | -           | -          | -                        | N/A    | -             | -                  | 9.81                         | Pass   | No 6G channel is used. |
| 6185        | SP               | 160             | 29.00              | -           | -          | -                        | N/A    | -             | -                  | 8.34                         | Pass   | No 6G channel is used. |

**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 |
|-------------|------------------|-----------------|--------------------|-------------|------------|--------------------------|--------|---------------|--------------------|------------------------------|--------|
| 5995        | SP               | 20              | 29.00              | 3.35        | 32.35      | -                        | N/A    | -9.18         | 19.82              | 21.63                        | Pass   |

**AFCD.UAU: Unsuccessful spectrum access update**

| Freq. (MHz) | Mode (LPI or SP) | Bandwidth (MHz) | Antenna Gain (dBi) | Power (dBm) | EIRP (dBm) | AFC Response Limit (dBm) | Result | PSD (dBm/MHz) | EIRP PSD (dBm/MHz) | AFC Response Limit (dBm/MHz) | Result |
|-------------|------------------|-----------------|--------------------|-------------|------------|--------------------------|--------|---------------|--------------------|------------------------------|--------|
| 5975        | SP               | 20              | 29.00              | 4.68        | 33.68      | -                        | N/A    | -7.83         | 21.17              | 23.00                        | Pass   |

AFC capability - Inquired Frequency

CT\_AFC\_SP\_AP\_AFCDRSA31\_Frequency\_20MHz\_10611\_1

Frequency (MHz): 6335

5.925-6.425GHz

AV Power

6335MHz\_TX

17/10/2023

CF (Hz)  
6.335G

Span (Hz)  
30M

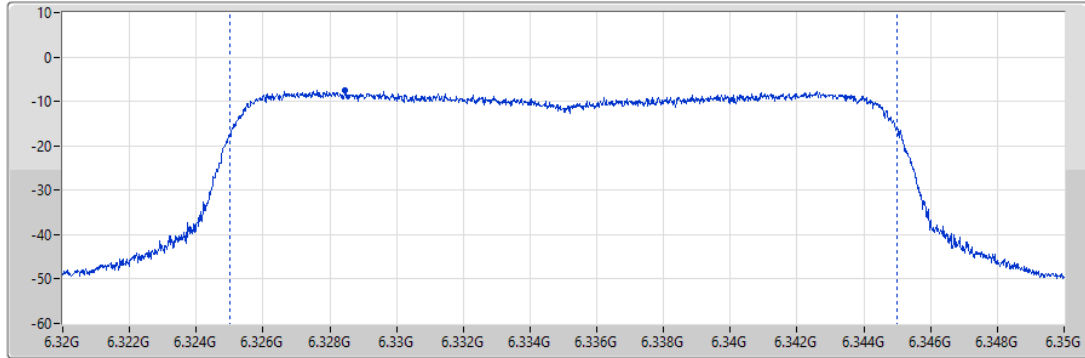
RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
1.067m

Detector Type  
RMS

CP BW (Hz)  
20M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 3.12     | 3.12    |

5.925-6.425GHz

PSD

6335MHz

17/10/2023

CF (Hz)  
6.335G

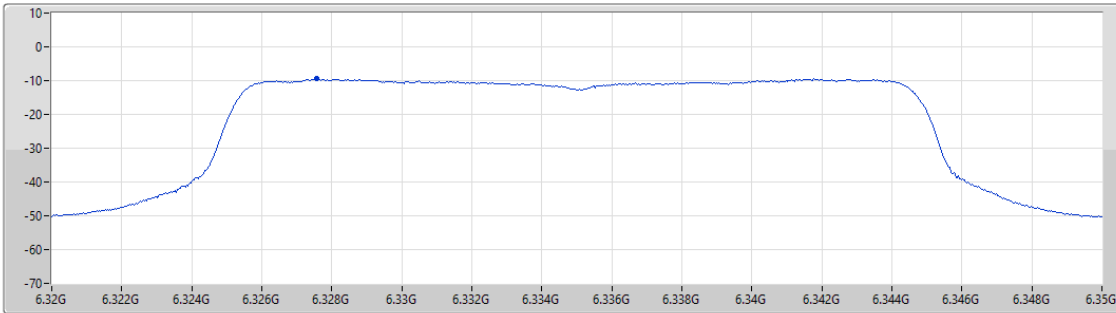
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
20m

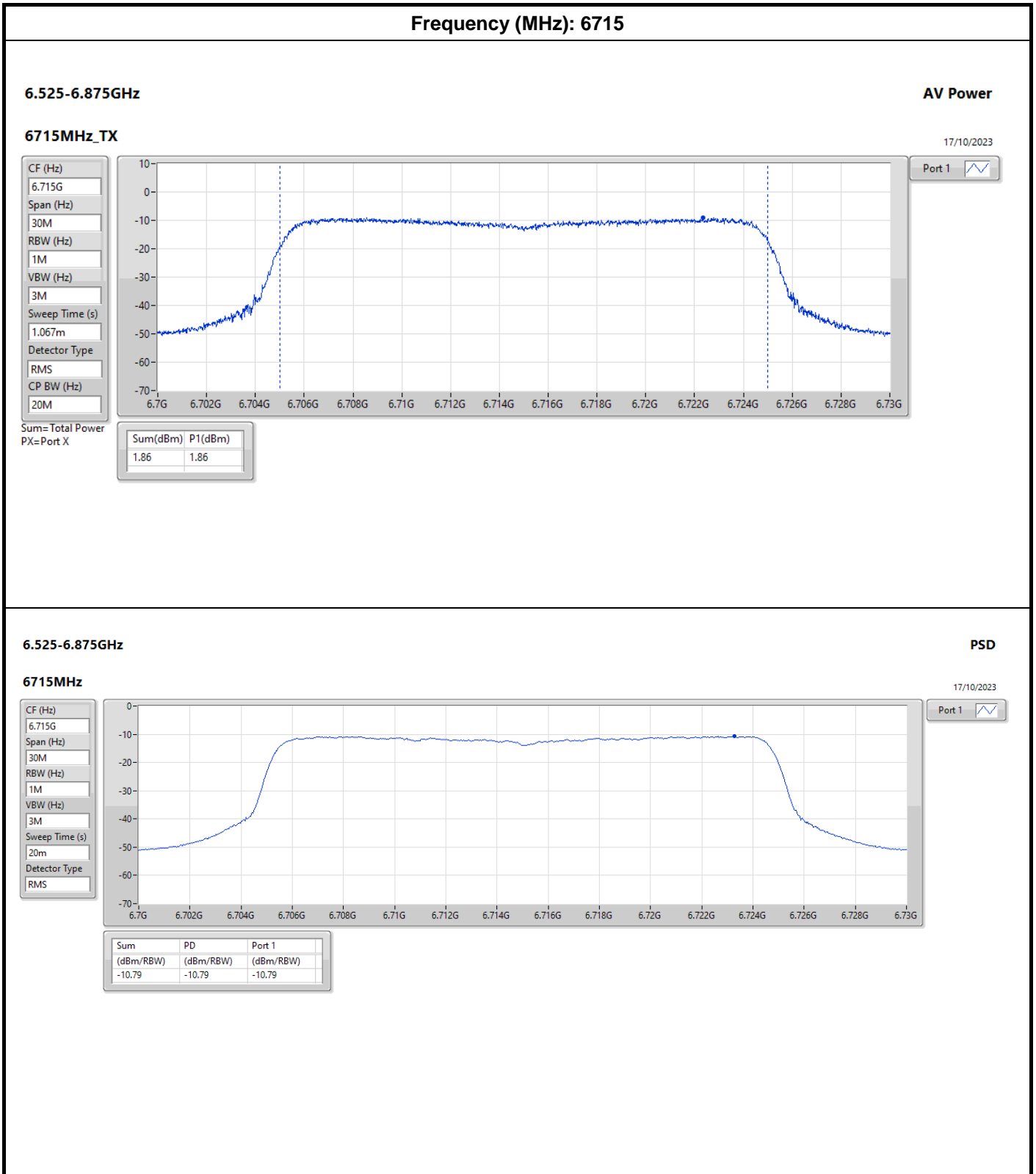
Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -9.48     | -9.48     | -9.48     |





CT\_AFC\_SP\_AP\_AFCRSA31\_Frequency\_80MHz\_10613\_1

Frequency (MHz): 6305

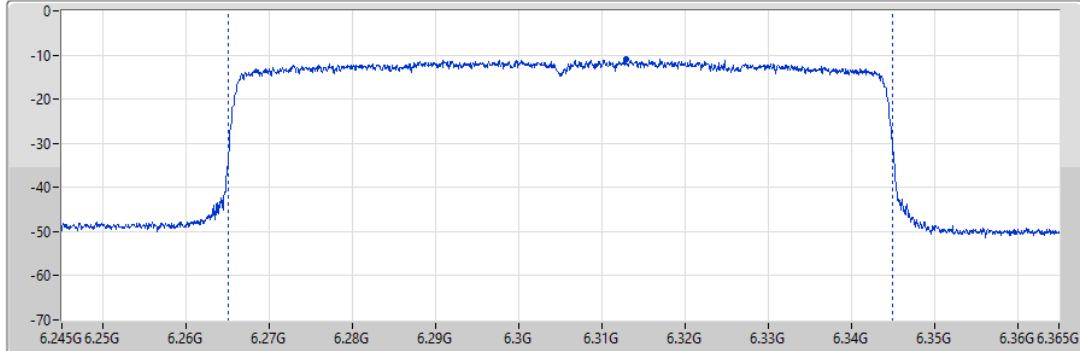
5.925-6.425GHz

AV Power

6305MHz\_TX

17/10/2023

- CF (Hz)  
6.305G
- Span (Hz)  
120M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
1.067m
- Detector Type  
RMS
- CP BW (Hz)  
80M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 5.95     | 5.95    |

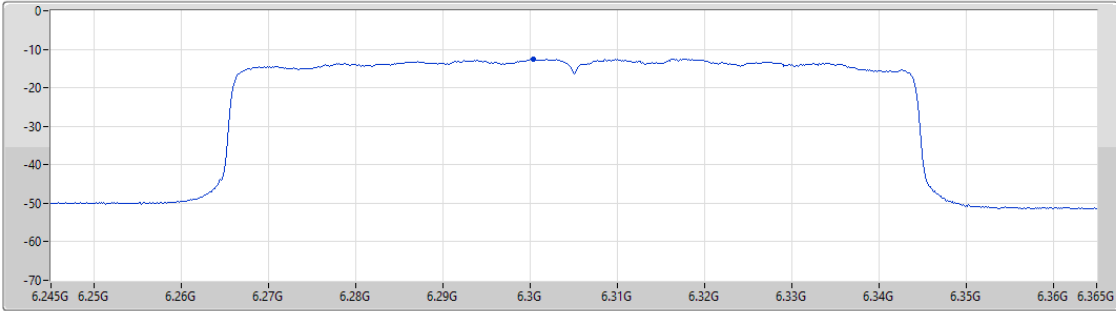
5.925-6.425GHz

PSD

6305MHz

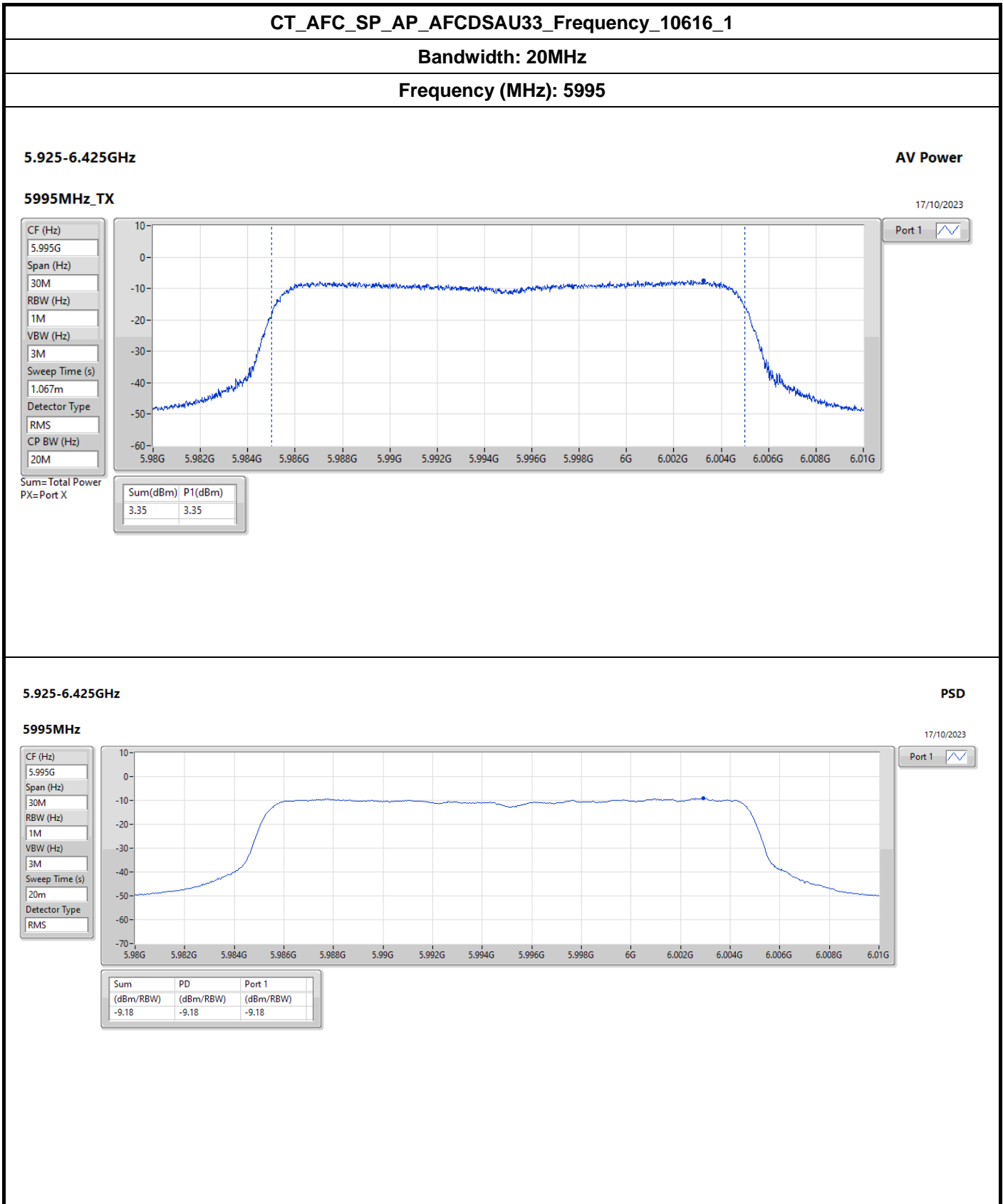
17/10/2023

- CF (Hz)  
6.305G
- Span (Hz)  
120M
- 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) |
| -12.54    | -12.54    | -12.54    |



CT\_AFC\_SP\_AP\_AFCDUAU34\_Frequency\_10617\_1

Bandwidth: 20MHz

Frequency (MHz): 5975

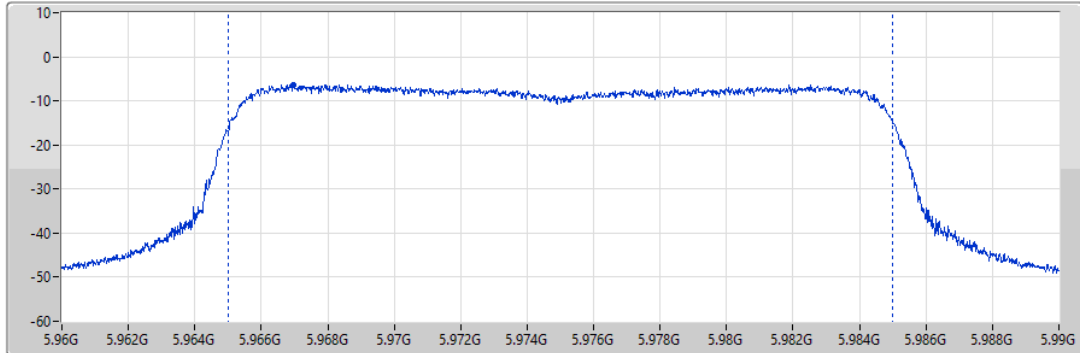
5.925-6.425GHz

AV Power

5975MHz\_TX

20/10/2023

- CF (Hz)  
5.975G
- Span (Hz)  
30M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
1.067m
- Detector Type  
RMS
- CP BW (Hz)  
20M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 4.68     | 4.68    |

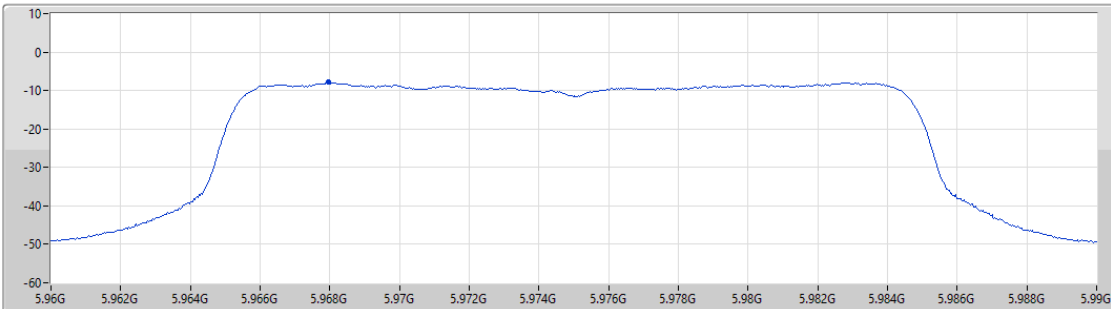
5.925-6.425GHz

PSD

5975MHz

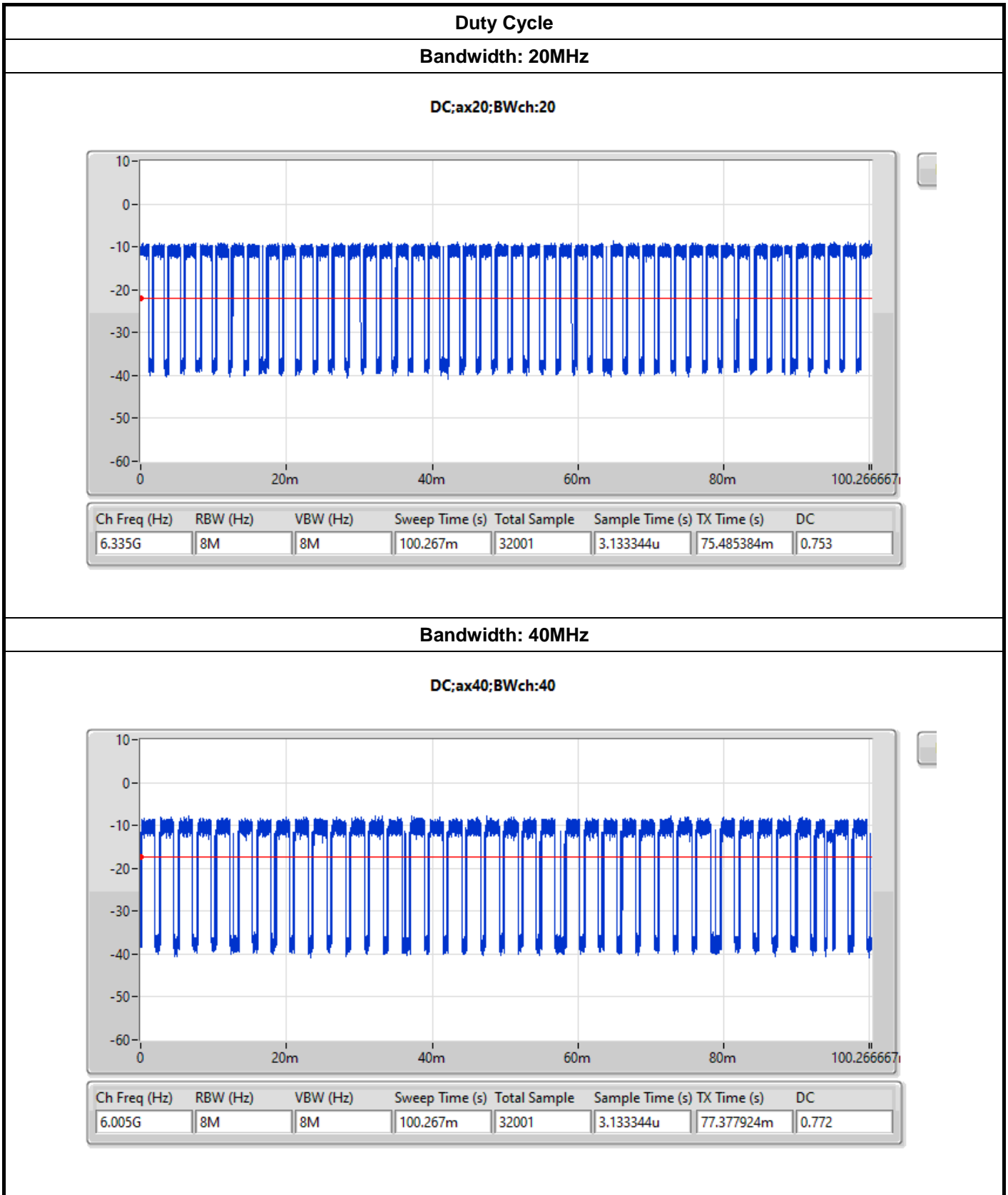
20/10/2023

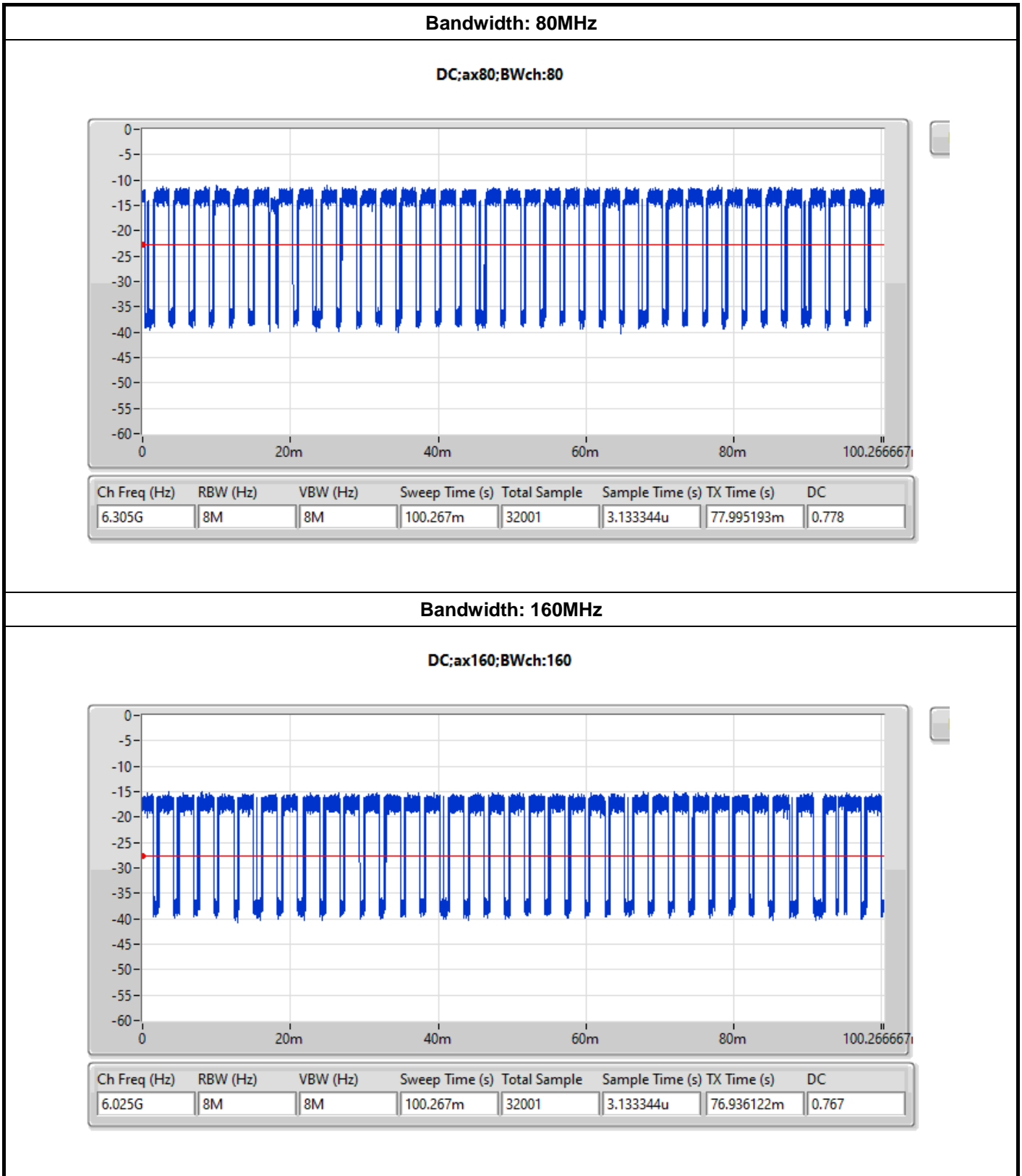
- CF (Hz)  
5.975G
- Span (Hz)  
30M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
20m
- Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -7.83     | -7.83     | -7.83     |





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 |
|-------------|-------------------|-----------------|--------------------|-------------|------------|---------------|--------------------|-----------------|--------|------------------------------|--------|
| 6415        | 6FC               | 20              | 29.00              | 4.14        | 33.14      | -8.76         | 20.24              | -               | N/A    | 21.06                        | Pass   |
| 6835        | 6FC               | 20              | 29.00              | 3.98        | 32.98      | -9.59         | 19.41              | -               | N/A    | 21.90                        | Pass   |
| 6725        | 6FC               | 40              | 29.00              | 2.62        | 31.62      | -13.91        | 15.09              | -               | N/A    | 16.41                        | Pass   |
| 6325        | 6FC               | 40              | 29.00              | 3.70        | 32.70      | -13.00        | 16.00              | -               | N/A    | 18.59                        | Pass   |
| 6305        | 6FC               | 80              | 29.00              | 2.94        | 31.94      | -16.45        | 12.55              | -               | N/A    | 14.92                        | Pass   |
| 6625        | 6FC               | 80              | 29.00              | 1.36        | 30.36      | -17.54        | 11.46              | -               | N/A    | 13.74                        | Pass   |
| 6665        | 6FC               | 160             | 29.00              | 3.54        | 32.54      | -19.17        | 9.83               | -               | N/A    | 11.64                        | Pass   |
| 6025        | 6FC               | 160             | 29.00              | 1.01        | 30.01      | -21.17        | 7.83               | -               | N/A    | 10.71                        | Pass   |

**AFCD.USA: Unsuccessful spectrum access request**

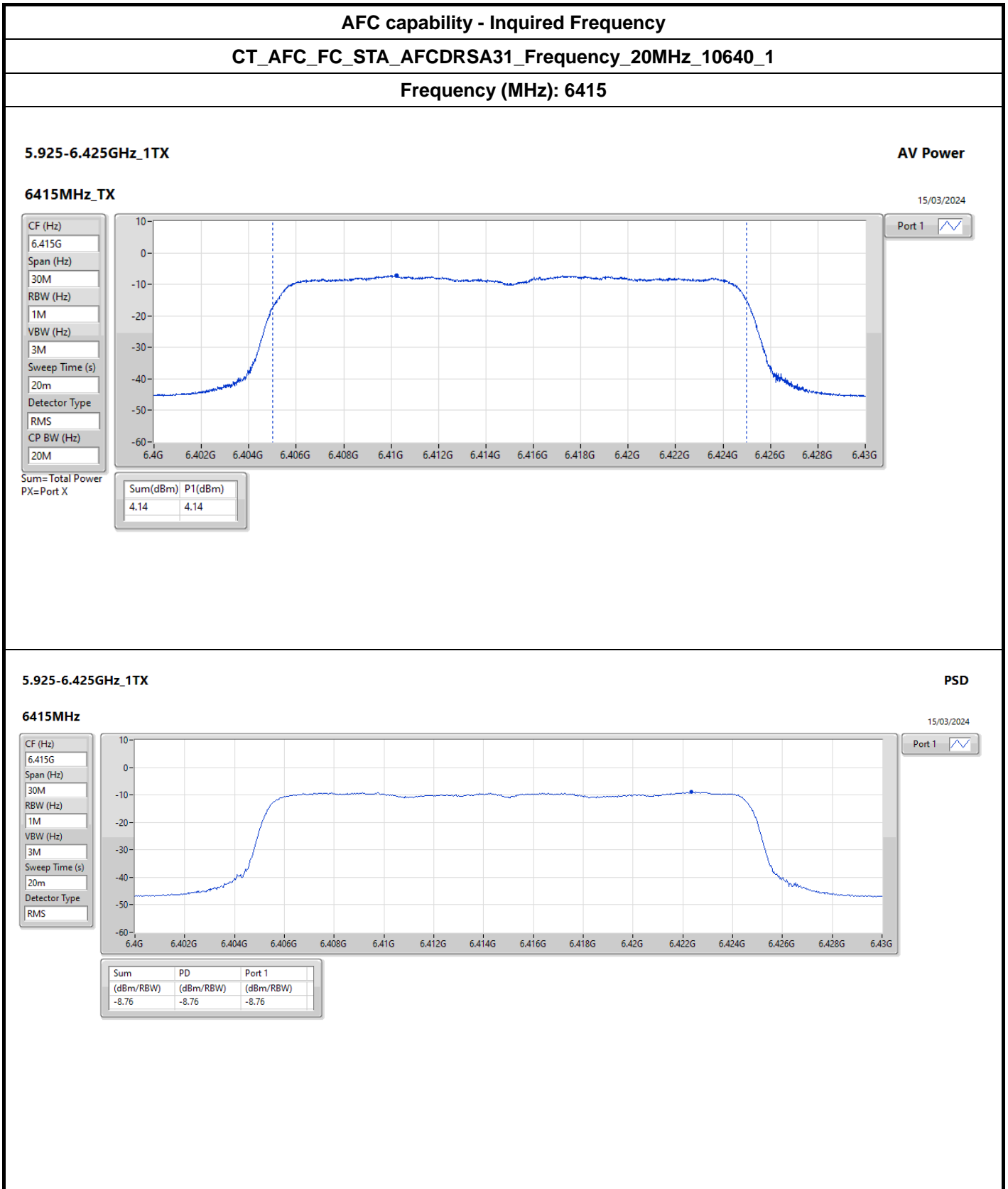
| Freq. (MHz) | Mode (6FX or 6FC) | Bandwidth (MHz) | Antenna Gain (dBi) | Power (dBm) | EIRP (dBm) | PSD (dBm/MHz) | EIRP PSD (dBm/MHz) | 6FX limit (dBm) | Result | AFC Response Limit (dBm/MHz) | Result |
|-------------|-------------------|-----------------|--------------------|-------------|------------|---------------|--------------------|-----------------|--------|------------------------------|--------|
| 6135        | 6FX               | 20              | 29.00              | -0.87       | 28.13      | -14.41        | 14.59              | 17.00           | Pass   | -                            | N/A    |

**AFCD.SAU: Successful spectrum access update**

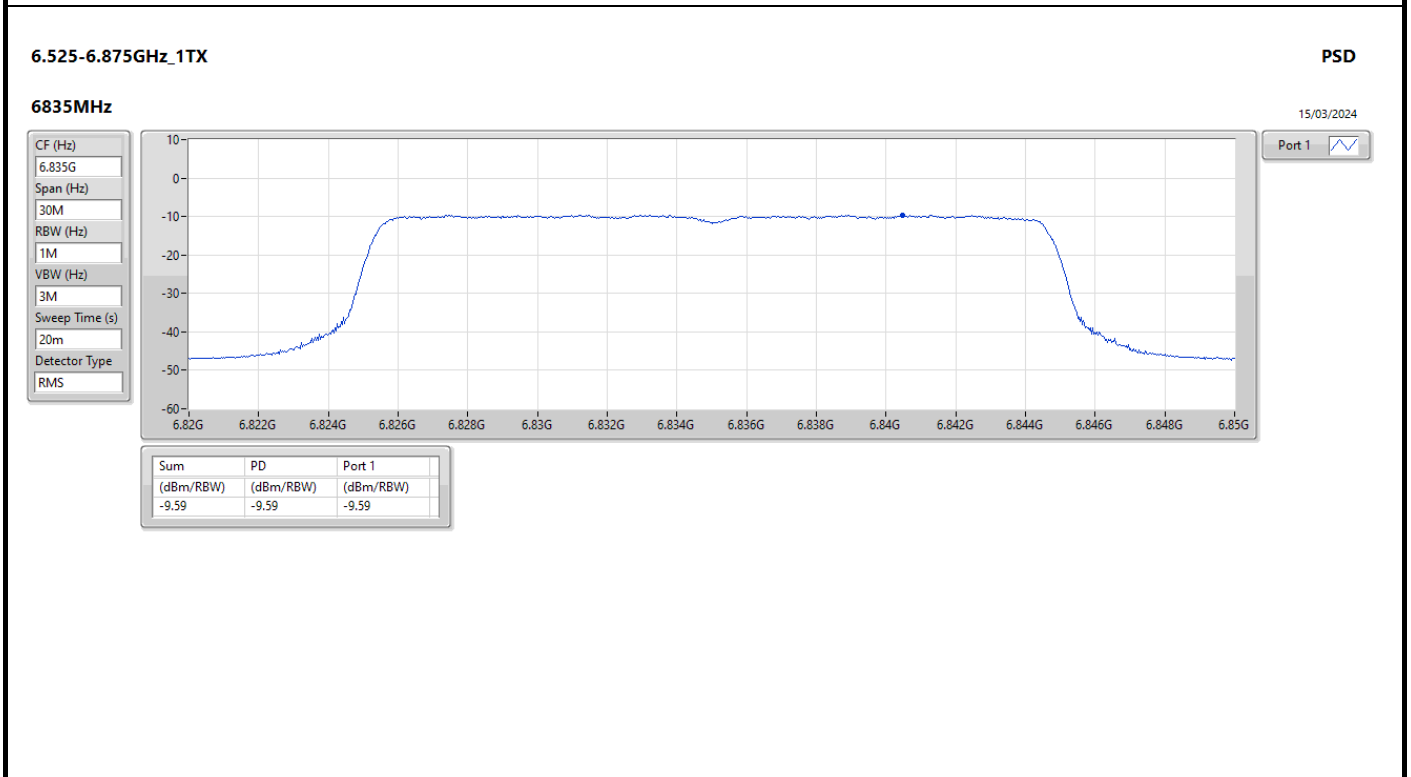
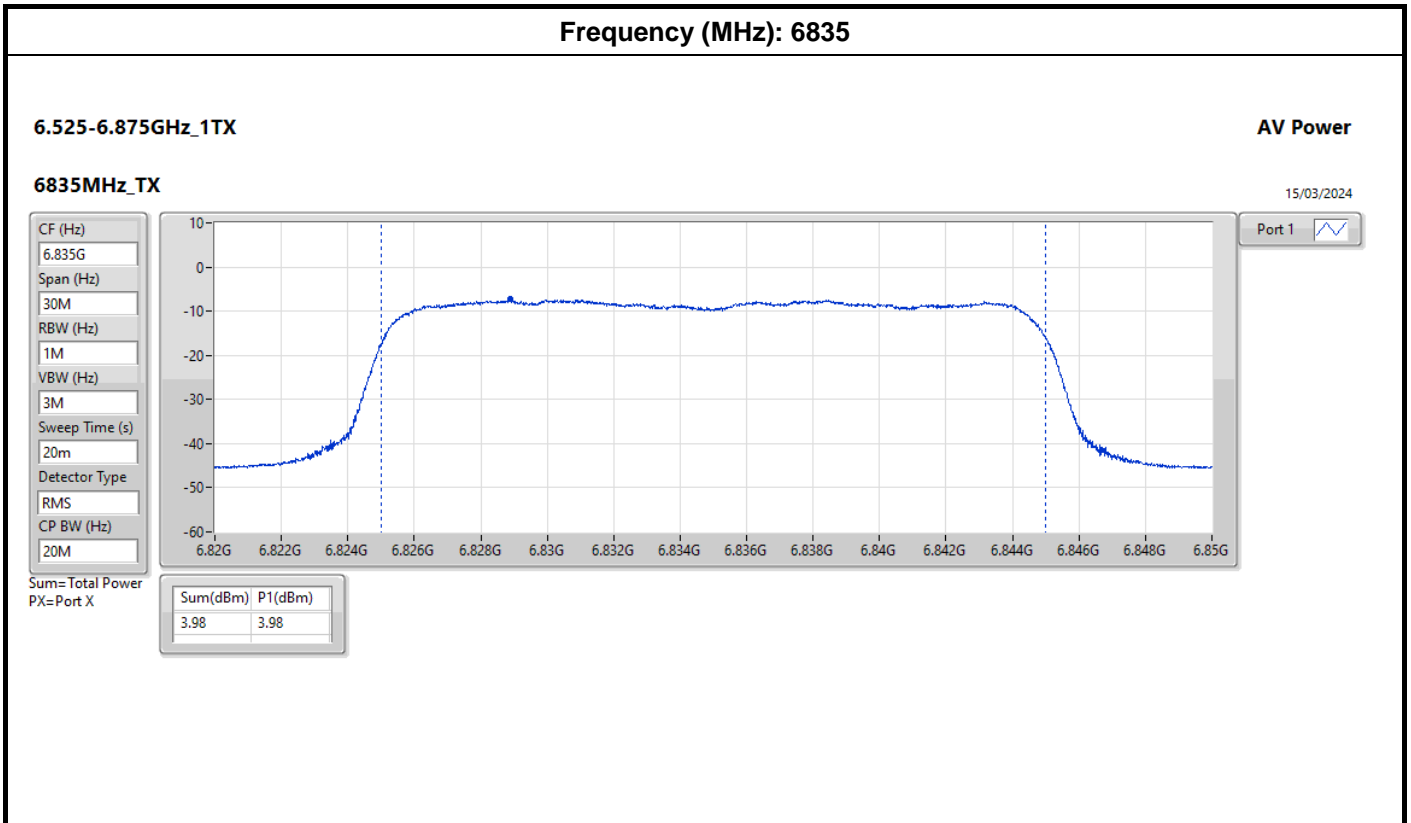
| Freq. (MHz) | Mode (6FX or 6FC) | Bandwidth (MHz) | Antenna Gain (dBi) | Power (dBm) | EIRP (dBm) | PSD (dBm/MHz) | EIRP PSD (dBm/MHz) | 6FX limit (dBm) | Result | AFC Response Limit (dBm/MHz) | Result |
|-------------|-------------------|-----------------|--------------------|-------------|------------|---------------|--------------------|-----------------|--------|------------------------------|--------|
| 6795        | 6FC               | 20              | 29.00              | 5.02        | 34.02      | -7.97         | 21.03              | -               | N/A    | 21.47                        | Pass   |
| 6795        | 6FC               | 20              | 29.00              | 0.39        | 29.39      | -12.64        | 16.36              | -               | N/A    | 19.56                        | 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 |
|-------------|-------------------|-----------------|--------------------|-------------|------------|---------------|--------------------|-----------------|--------|------------------------------|--------|
| 6615        | 6FC               | 20              | 29.00              | 7.22        | 36.22      | -6.26         | 22.74              | -               | N/A    | 23.00                        | Pass   |
| 6615        | 6FX               | 20              | 29.00              | 0.95        | 29.95      | -12.55        | 16.45              | 17.00           | Pass   | -                            | N/A    |







CT\_AFC\_FC\_STA\_AFCDRSA31\_Frequency\_40MHz\_10641\_1

Frequency (MHz): 6725

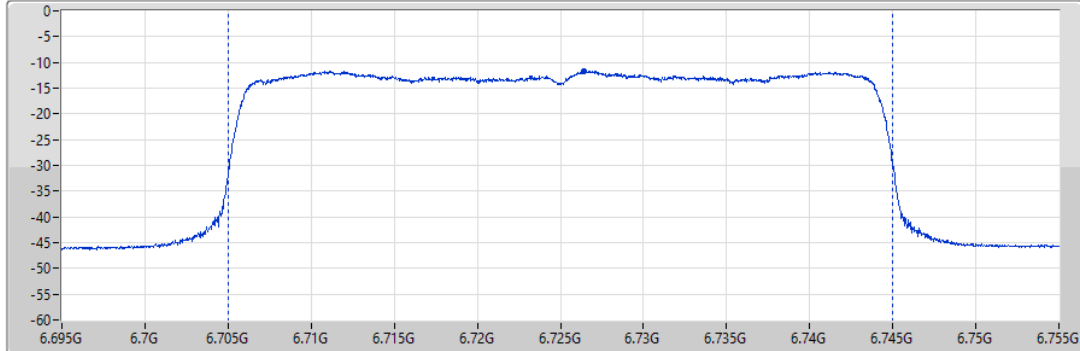
6.525-6.875GHz\_1TX

AV Power

6725MHz\_TX

15/03/2024

- CF (Hz)  
6.725G
- Span (Hz)  
60M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
20m
- Detector Type  
RMS
- CP BW (Hz)  
40M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 2.62     | 2.62    |

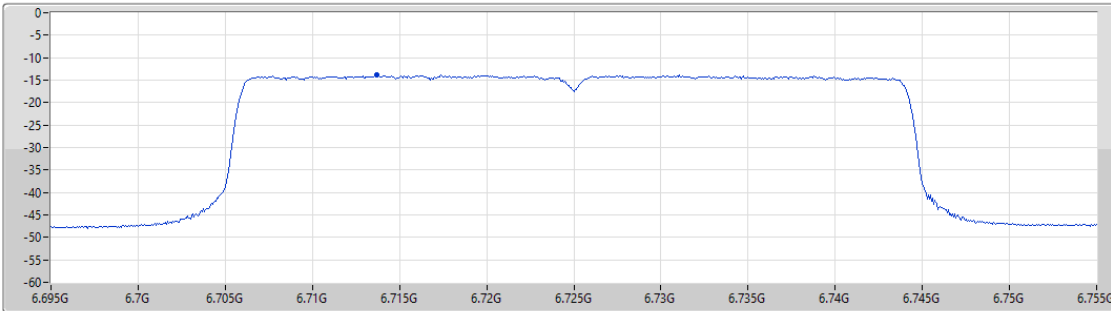
6.525-6.875GHz\_1TX

PSD

6725MHz

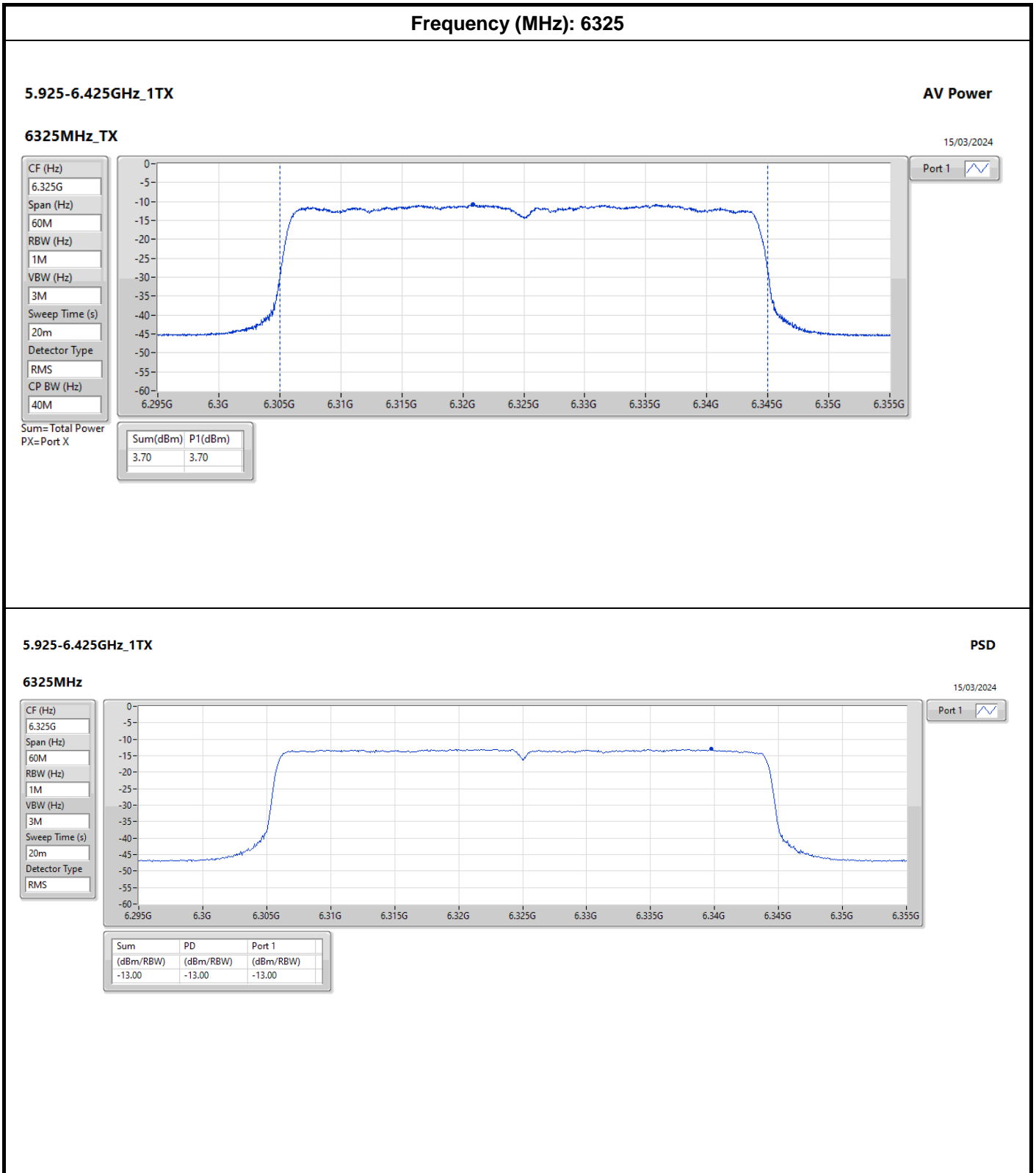
15/03/2024

- CF (Hz)  
6.725G
- Span (Hz)  
60M
- 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) |
| -13.91    | -13.91    | -13.91    |



CT\_AFC\_FC\_STA\_AFCDRSA31\_Frequency\_80MHz\_10642\_1

Frequency (MHz): 6305

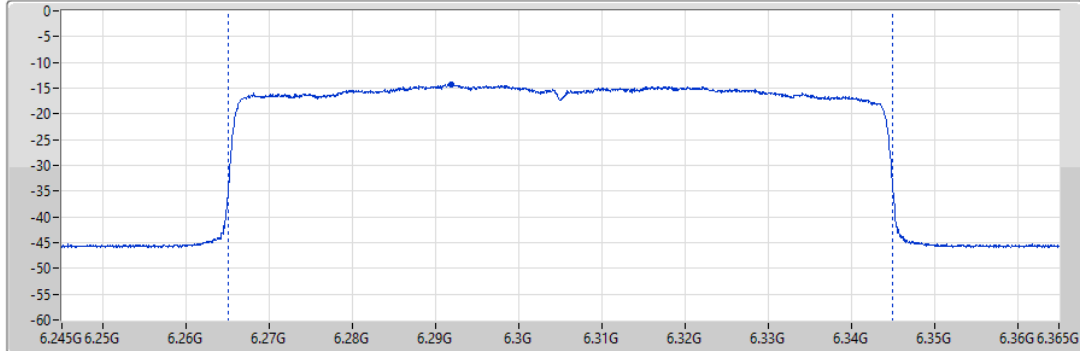
5.925-6.425GHz\_1TX

AV Power

6305MHz\_TX

16/03/2024

- CF (Hz)  
6.305G
- 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) |
|----------|---------|
| 2.94     | 2.94    |

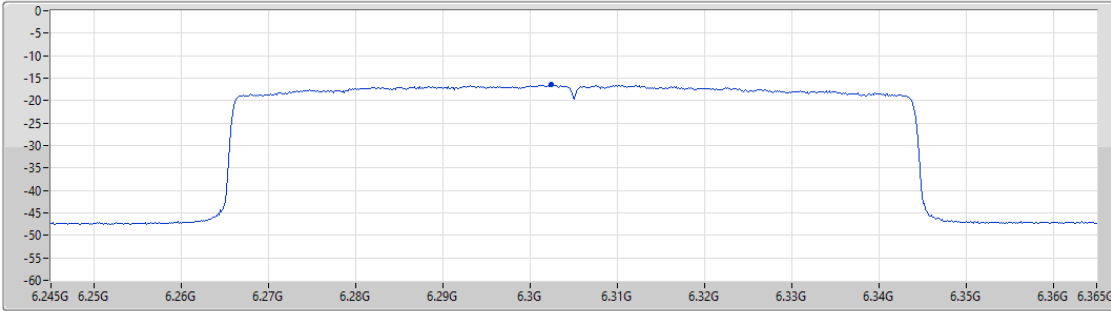
5.925-6.425GHz\_1TX

PSD

6305MHz

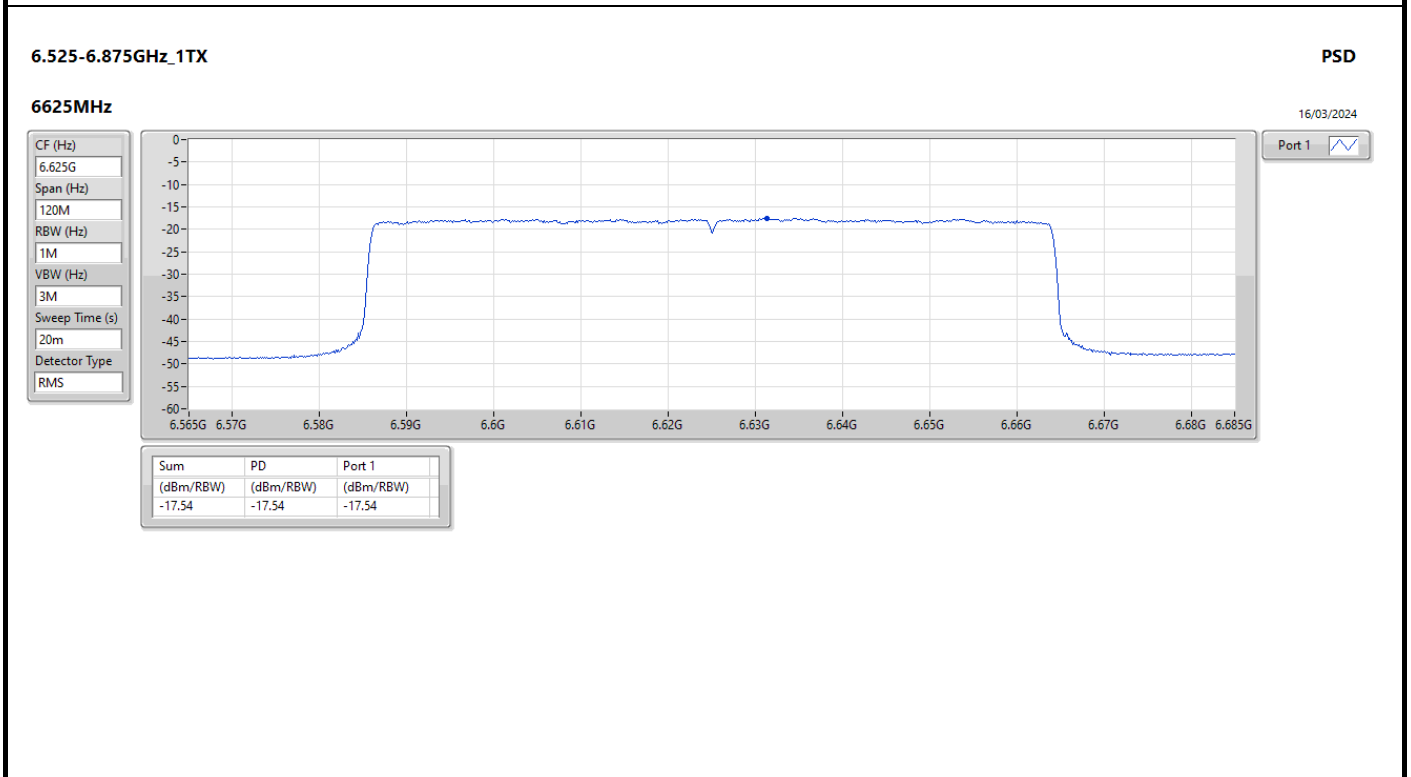
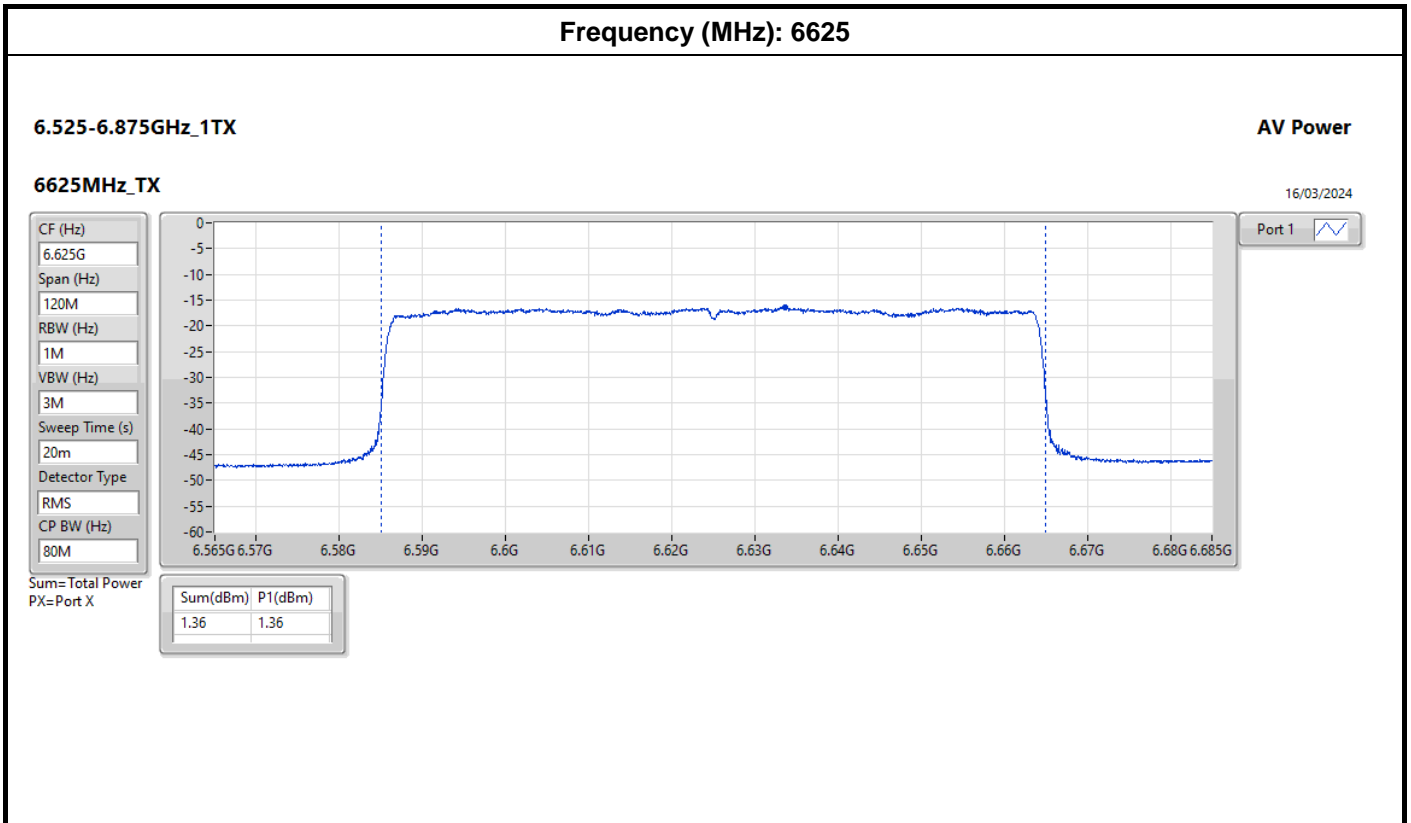
16/03/2024

- CF (Hz)  
6.305G
- Span (Hz)  
120M
- 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) |
| -16.45    | -16.45    | -16.45    |



CT\_AFC\_FC\_STA\_AFCDRSA31\_Frequency\_160MHz\_10643\_1

Frequency (MHz): 6665

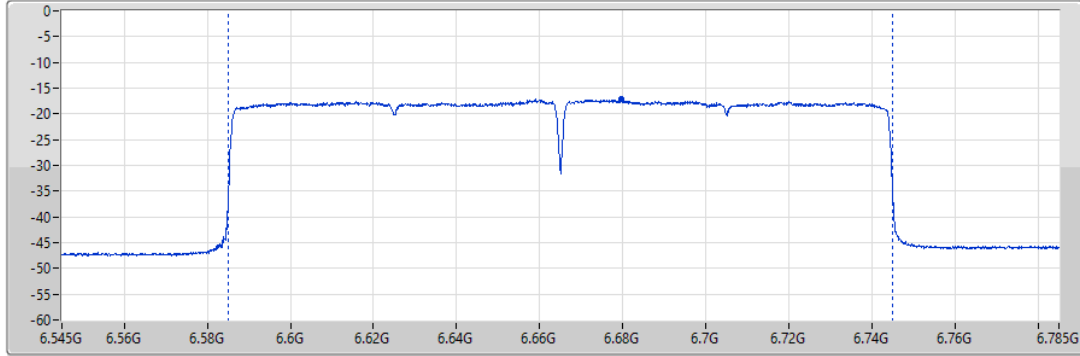
6.525-6.875GHz\_1TX

AV Power

6665MHz\_TX

16/03/2024

- CF (Hz)  
6.665G
- Span (Hz)  
240M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
20m
- Detector Type  
RMS
- CP BW (Hz)  
160M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 3.54     | 3.54    |

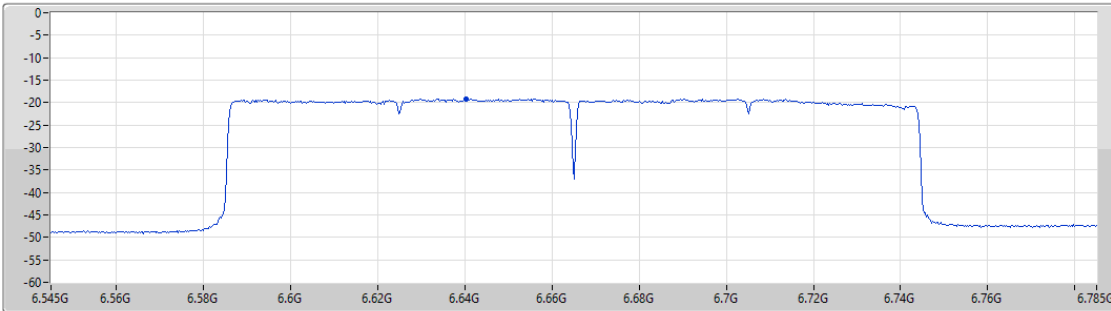
6.525-6.875GHz\_1TX

PSD

6665MHz

16/03/2024

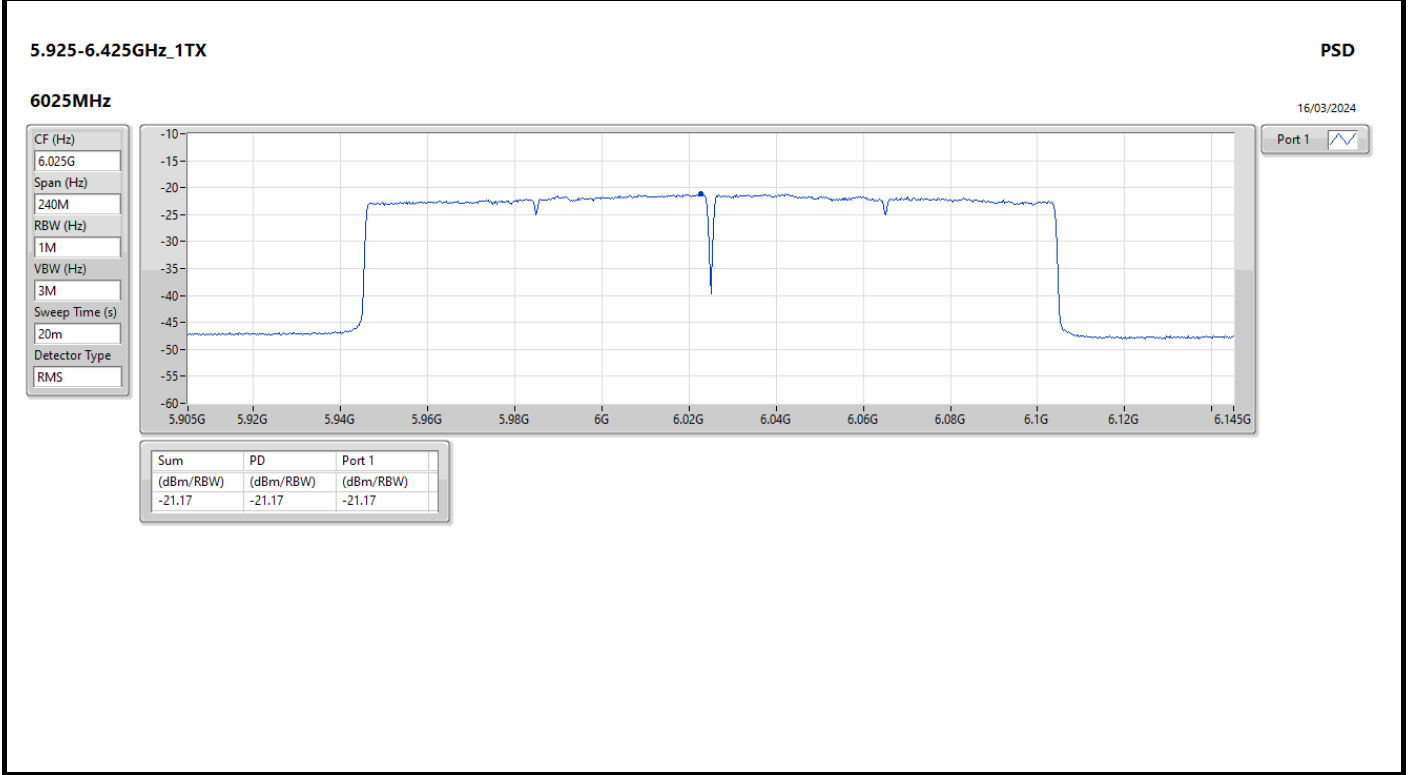
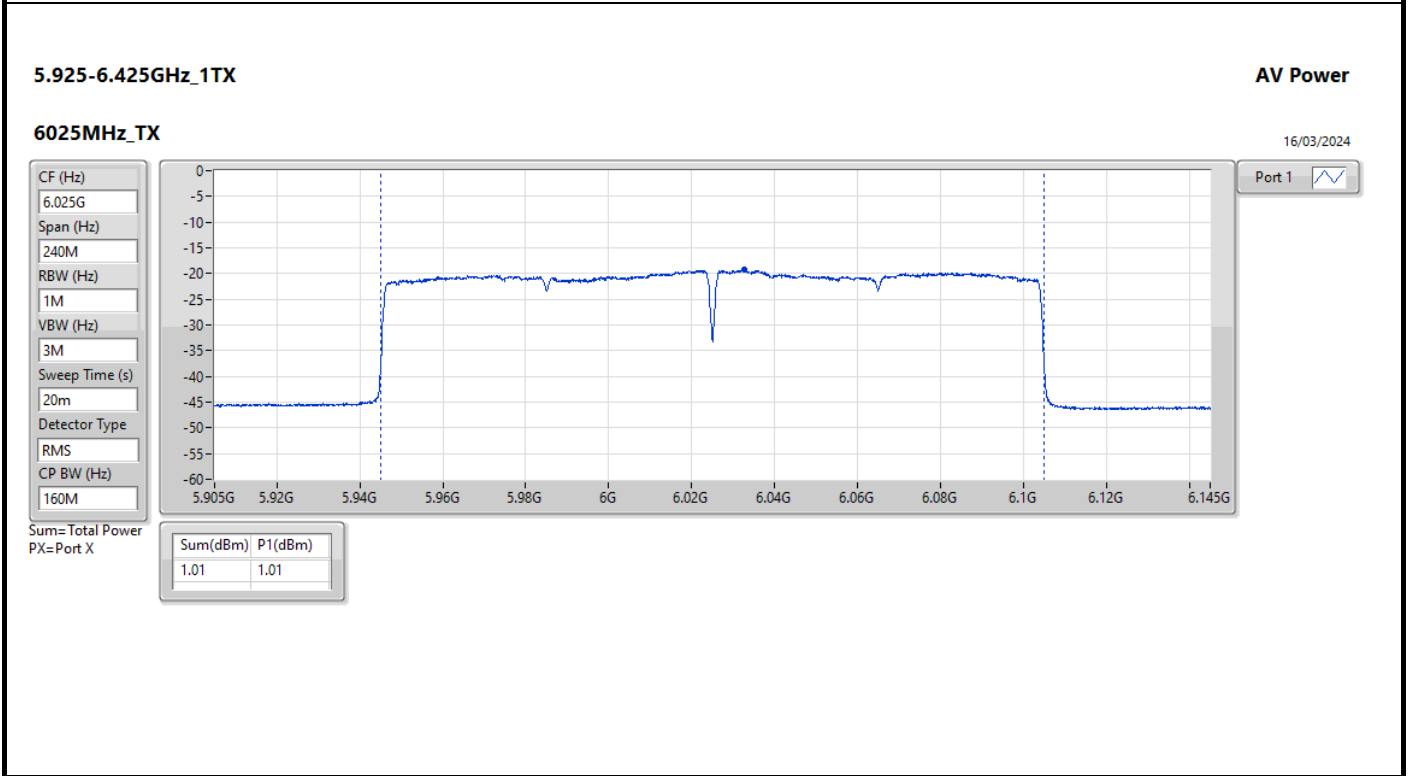
- CF (Hz)  
6.665G
- Span (Hz)  
240M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
20m
- Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -19.17    | -19.17    | -19.17    |

Frequency (MHz): 6025



CT\_AFC\_FC\_STA\_AFCDUSA32\_Frequency\_10644\_1

Bandwidth: 20MHz

Frequency (MHz): 6135

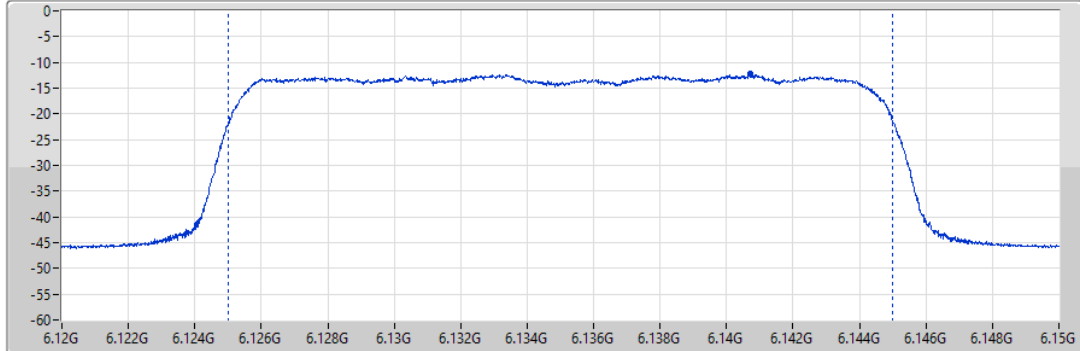
5.925-6.425GHz\_1TX

AV Power

6135MHz\_TX

16/03/2024

- CF (Hz) 6.135G
- Span (Hz) 30M
- RBW (Hz) 1M
- VBW (Hz) 3M
- Sweep Time (s) 20m
- Detector Type RMS
- CP BW (Hz) 20M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| -0.87    | -0.87   |

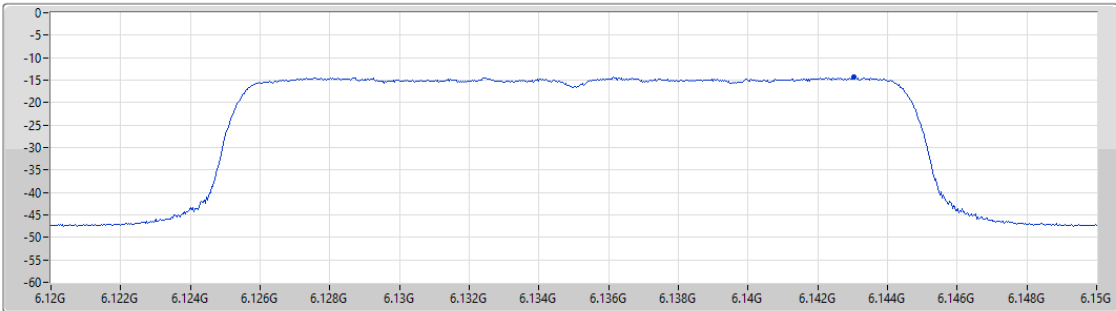
5.925-6.425GHz\_1TX

PSD

6135MHz

16/03/2024

- CF (Hz) 6.135G
- 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) |
| -14.41    | -14.41    | -14.41    |



CT\_AFC\_FC\_STA\_AFCD3AU33\_Frequency\_10645\_1

Bandwidth: 20MHz

Frequency (MHz): 6795

6.525-6.875GHz\_1TX

AV Power

6795MHz\_TX

16/03/2024

CF (Hz)  
6.795G

Span (Hz)  
30M

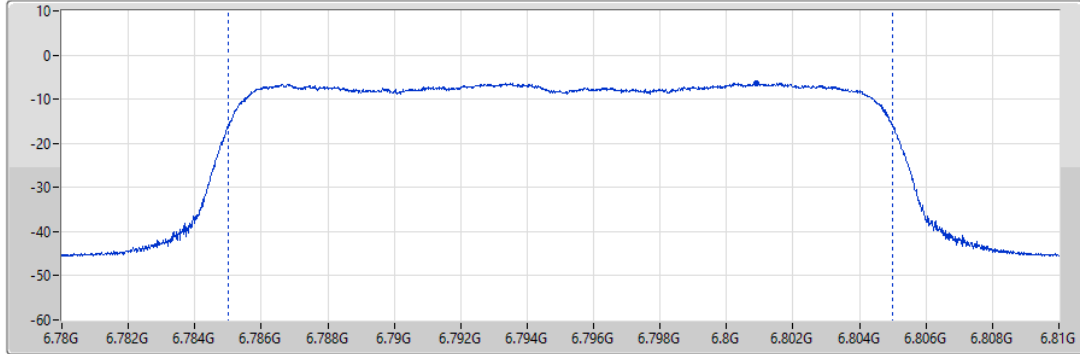
RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
20m

Detector Type  
RMS

CP BW (Hz)  
20M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 5.02     | 5.02    |

6.525-6.875GHz\_1TX

PSD

6795MHz

16/03/2024

CF (Hz)  
6.795G

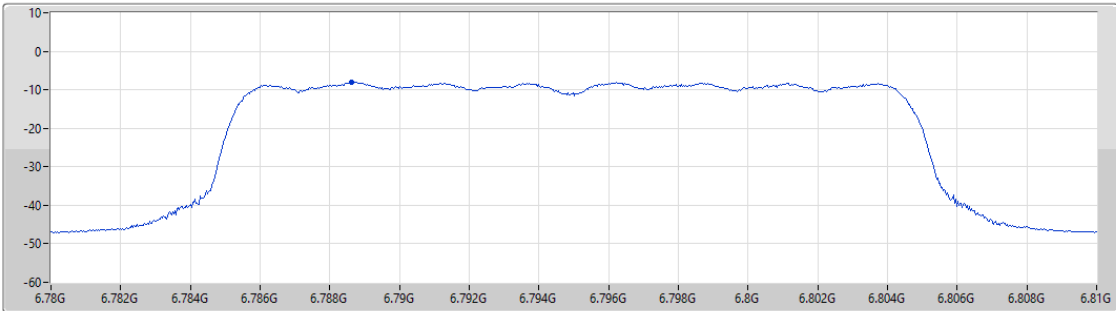
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

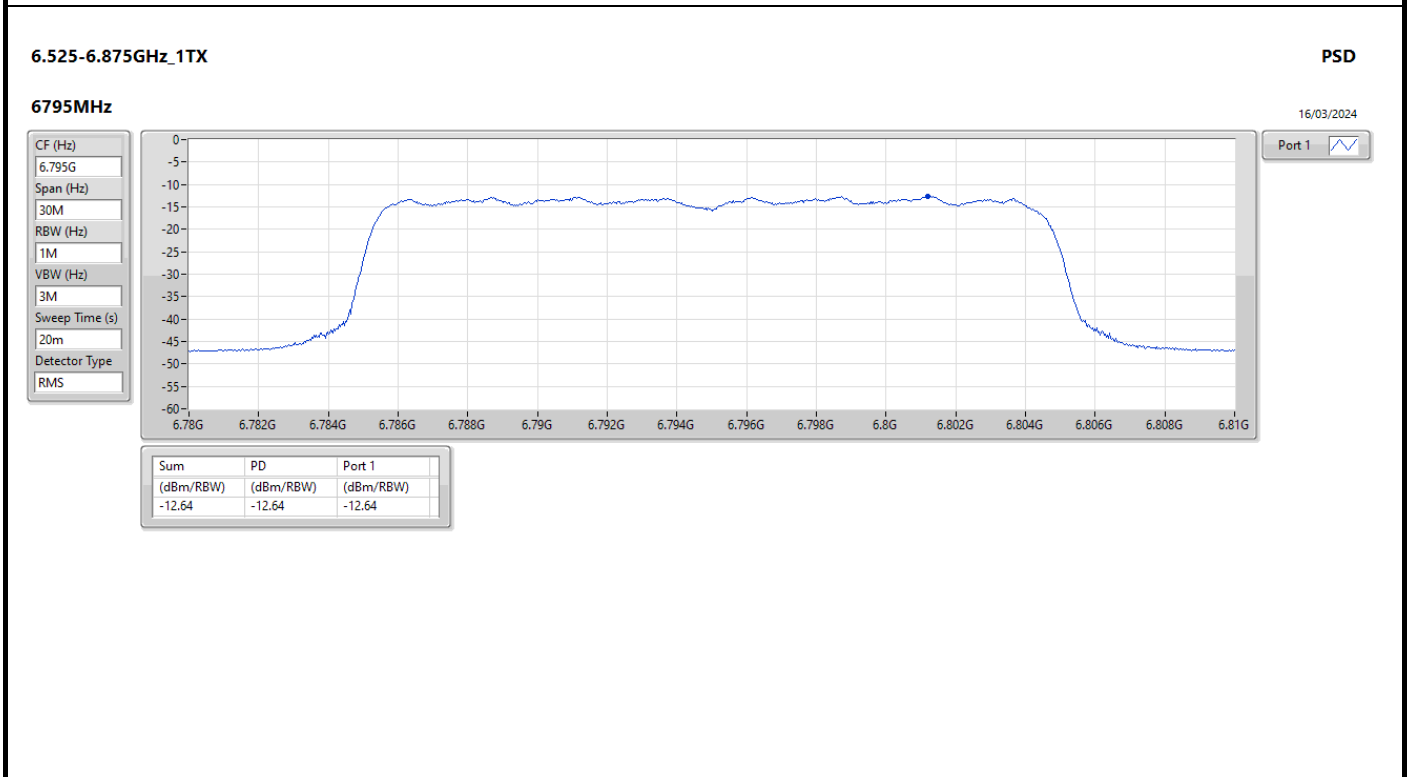
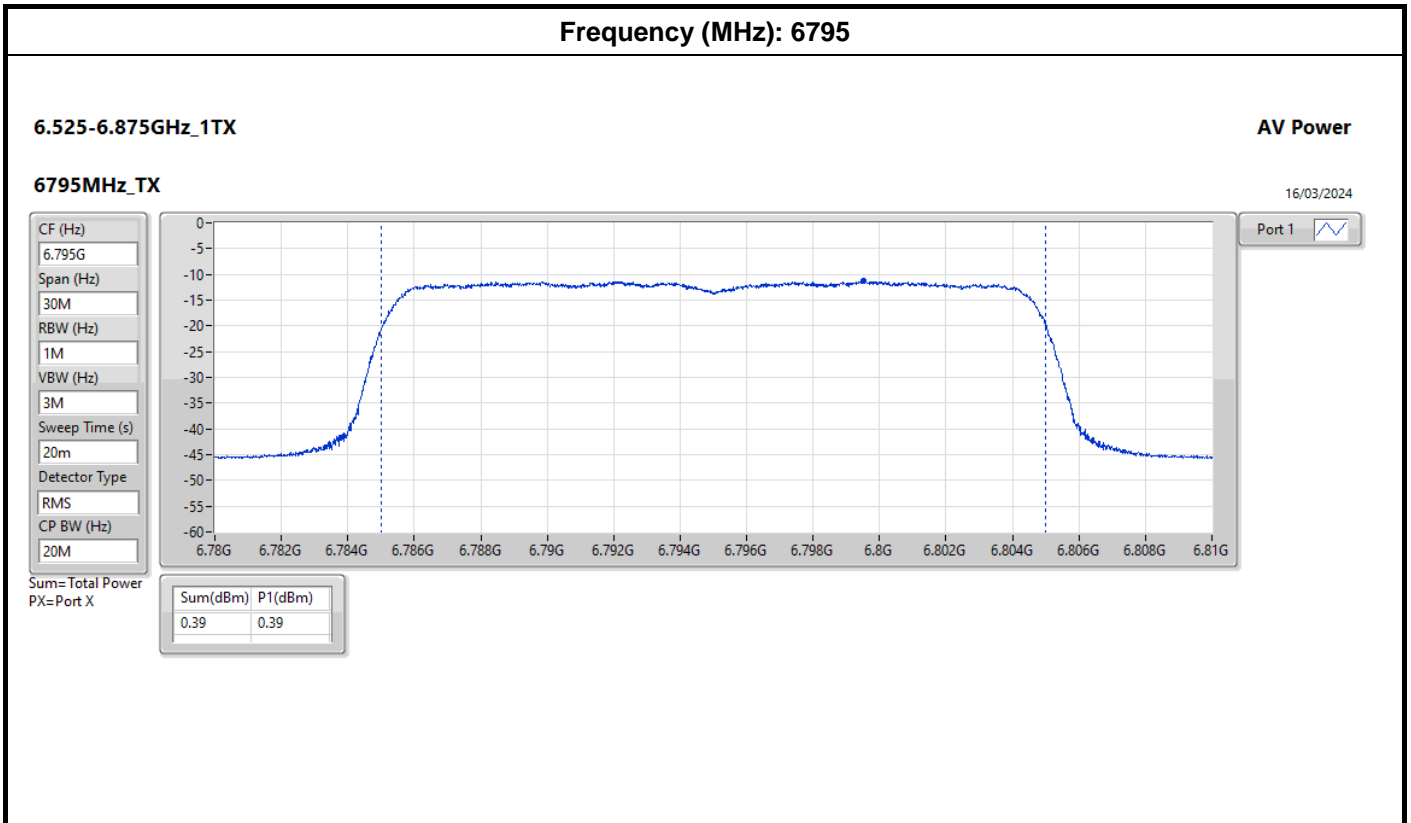
Sweep Time (s)  
20m

Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -7.97     | -7.97     | -7.97     |



CT\_AFC\_FC\_STA\_AFCDUAU34\_Frequency\_10646\_1

Bandwidth: 20MHz

Frequency (MHz): 6615

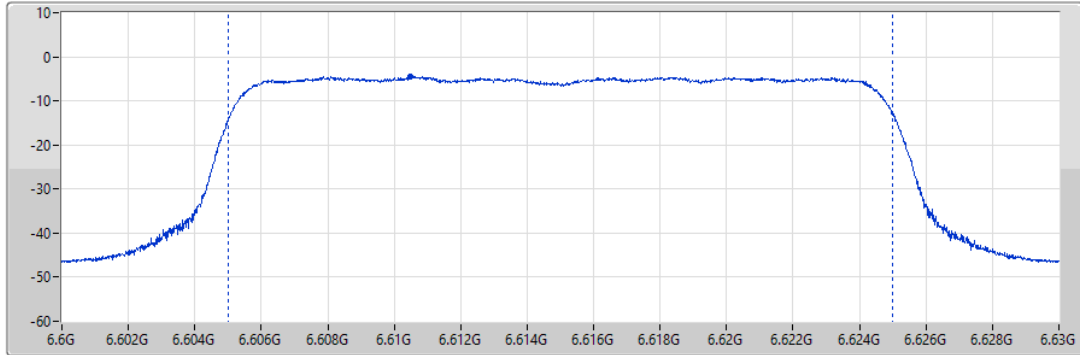
6.525-6.875GHz\_1TX

AV Power

6615MHz\_TX

19/03/2024

- CF (Hz)  
6.615G
- Span (Hz)  
30M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
20m
- Detector Type  
RMS
- CP BW (Hz)  
20M



Port 1

Sum= Total Power  
PX=Port X

| Sum(dBm) | P1(dBm) |
|----------|---------|
| 7.22     | 7.22    |

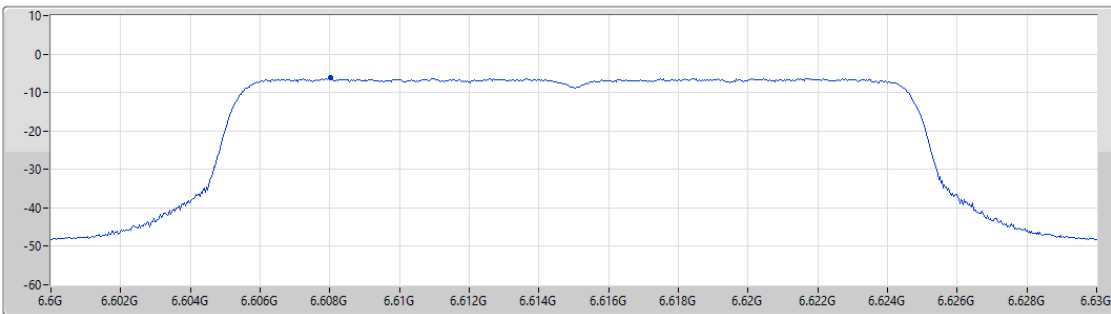
6.525-6.875GHz\_1TX

PSD

6615MHz

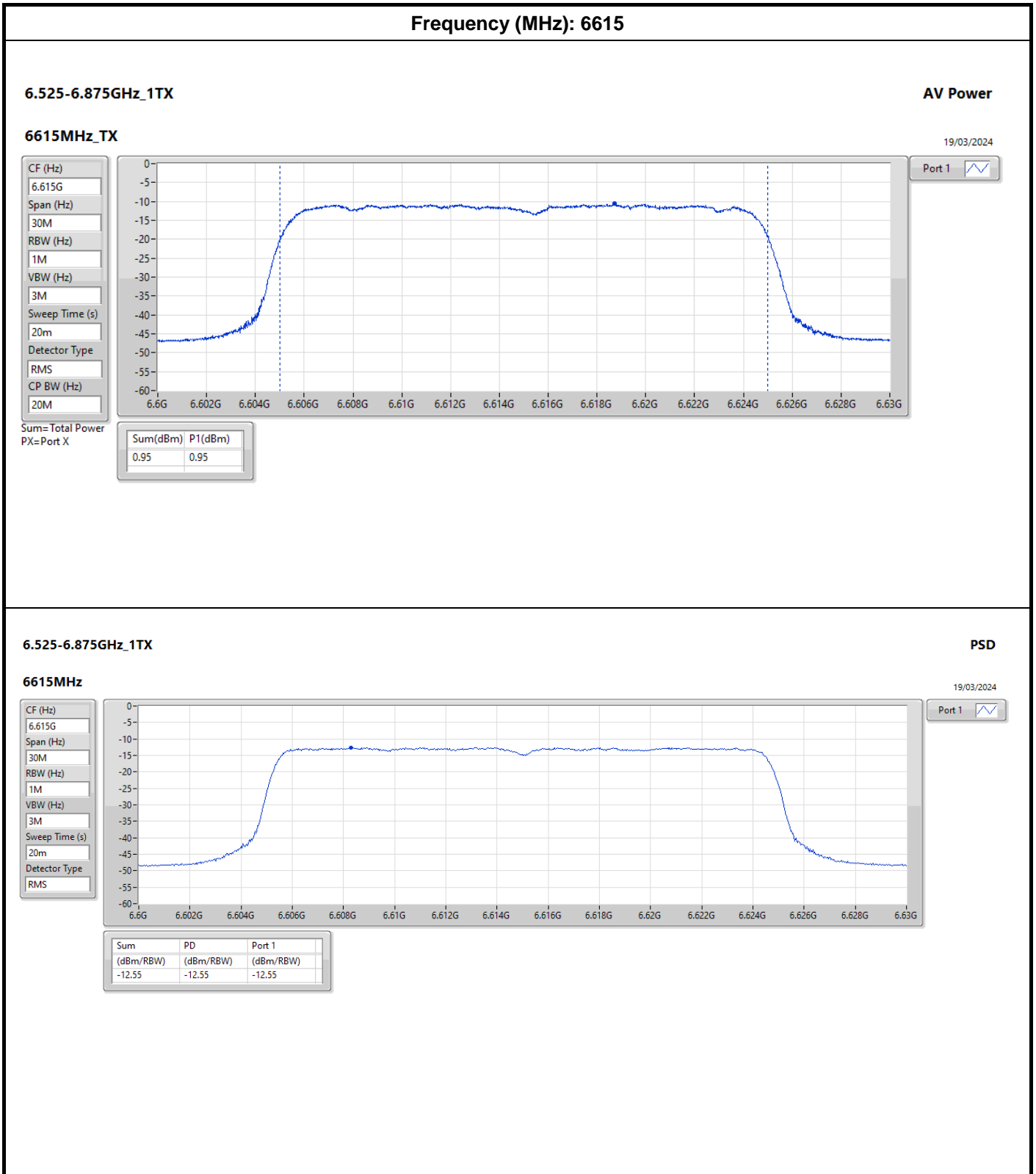
19/03/2024

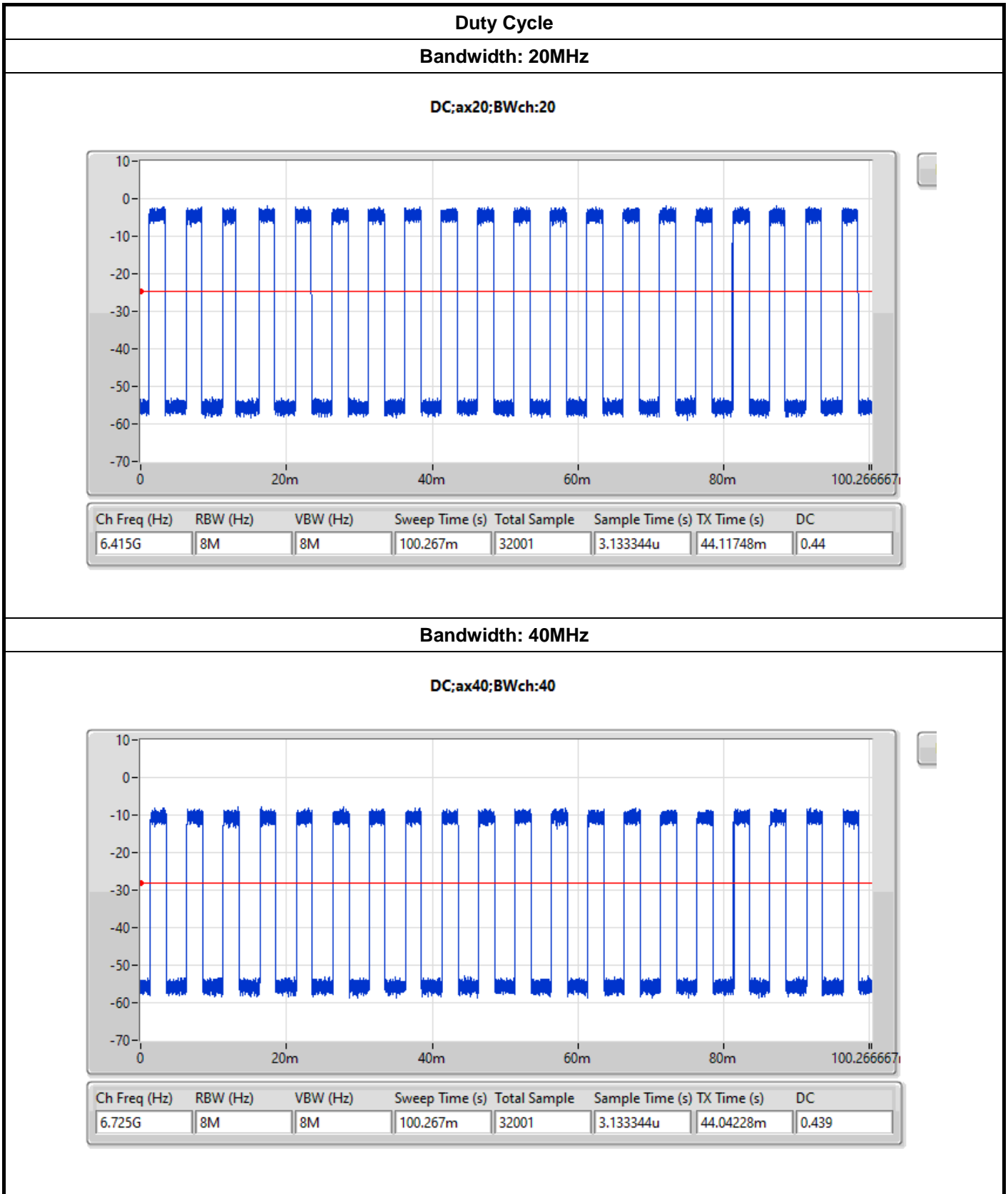
- CF (Hz)  
6.615G
- Span (Hz)  
30M
- RBW (Hz)  
1M
- VBW (Hz)  
3M
- Sweep Time (s)  
20m
- Detector Type  
RMS

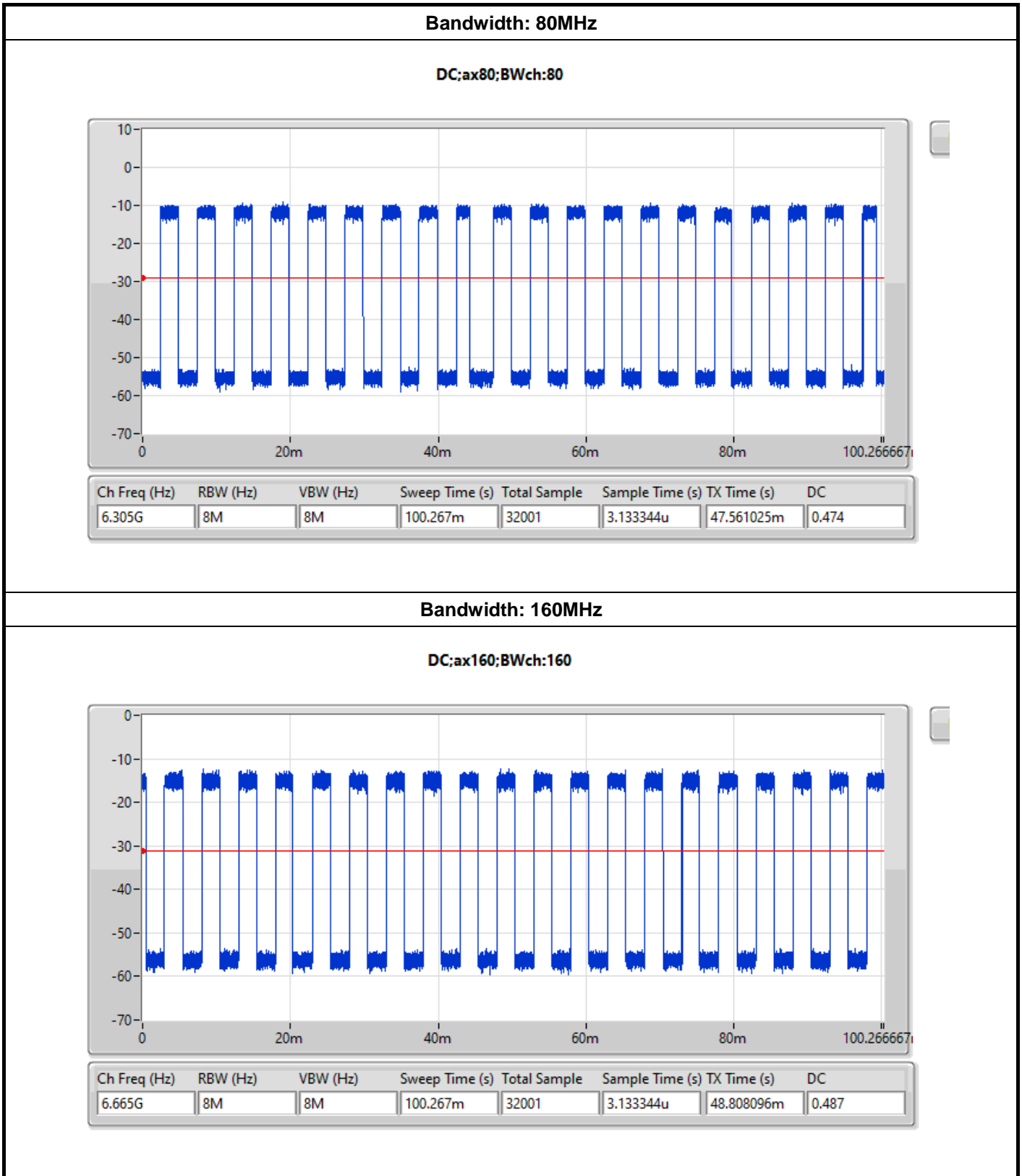


Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.26     | -6.26     | -6.26     |







————THE END————