



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-U7PROO
ISED ID	6545A-U7PROO
Equipment Under Test	U7-Pro-Outdoor
Test Report Serial Number	TR9581_01
Date of Test(s)	19 – 22 November 2024
Report Issue Date	2 December 2024

Test Personnel

Testing performed by	Evan Hartzell
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Test Location

Testing was performed at the Unified Compliance Laboratory located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2025. This site has also been registered with Innovations, Science and Economic Development (ISED) department as was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until 30 June 2025. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED and MRA US5037.



1 AFC DUT Compliance Test Data

1.1 Tool Reports

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (17.5 dBm/MHz PSD, 30.5 dBm EIRP) in Spectrum Reponse] on channel 53 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.1 dBm/MHz PSD, 22.1 dBm EIRP) in Spectrum Reponse] on channel 149 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.2 dBm/MHz PSD, 26.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 19 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (14.2 dBm/MHz PSD, 30.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 163 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

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1 (Successful registration and spectrum access request)	PASS

Test Measurements

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.4 dBm/MHz PSD, 27.4 dBm EIRP) in Spectrum Response] on channel center frequency index 23 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.3 dBm/MHz PSD, 30.3 dBm EIRP) in Spectrum Response] on channel center frequency index 151 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)
TestResult: PASS
Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.4 dBm/MHz PSD, 30.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.0 dBm/MHz PSD, 30.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 143 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)	PASS

Test Measurements

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (6.1 dBm/MHz PSD, 31.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (-2.9 dBm/MHz PSD, 22.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii)	CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)	PASS

Test Measurements

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE	AFC DUT conforms to the conditions in the Spectrum Inquiry Response	true	PASS

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1)(i), 15.407(k)(1)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDUSA33_FrequencyChannel_10630_1 (Successful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDUSA33_FrequencyChannel_10630_1 (Successful spectrum access update)
TestResult: PASS
Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING(LPI limits (5 dBm/MHz PSD), SP limits (15.6 dBm/MHz PSD, 28.6 dBm EIRP) in Spectrum Response) on channel 21 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_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 transmit power in the band is less than CEILING(LPI limits (5 dBm/MHz PSD), SP limits (15.6 dBm/MHz PSD, 21.2 dBm EIRP) in Spectrum Response) on channel 9 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDU/44_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDU/44_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)

TestResult: PASS

Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING(LPI limits (5 dBm/MHz PSD) , SP limits (23 dBm/MHz PSD, 36.0 dBm EIRP) in Spectrum Response) on channel 21 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in the Spectrum Inquiry Response	true	PASS

1.2 Server Validation

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU/535_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDU/535_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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)	PASS

Test Measurements

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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)	PASS

Test Measurements

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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)	PASS

Test Measurements

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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)	PASS

Test Measurements

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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)	PASS

Test Measurements

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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)	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

AFC DUT Compliance Test Report**DUT Information**

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	U7-Pro-Outdoor

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(5)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapleOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_StapleOCSPRespExpired_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

1.3 DUT Spectrum Inquiry Request/Response Logs

1.3.1 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1

2024-11-19T18:08:44Z

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{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1348",
    "Connection": "Keep-Alive"
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  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
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        "requestId": "1099044258",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
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              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
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          ]
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    ],
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        "orientation": 0
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"height": 8,
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"verticalUncertainty": 8
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"lowFrequency": 5945,
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{
"lowFrequency": 6525,
"highFrequency": 6865
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],
"inquiredChannels": [
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"globalOperatingClass": 131,
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5,
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61,
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73,
77,
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      167  
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      47,  
      79,  
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  {  
    "globalOperatingClass": 135,  
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      23,  
      39,  
      55,  
      71,  
      87,
```

```
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-19T18:08:44Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.5
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },

```

```
"maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 19.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 15.0
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 8.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 17.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 8.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 13.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 10.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 8.3
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6785,
  "lowFrequency": 6765
},
"maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.7
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 12.7
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      49,
      53,
      57,
      61,
      129,
      133,
      137,
      141,
      161,
      165,
      169,
      173
```

```
],
"globalOperatingClass": 131,
"maxEirp": [
  23.5,
  22.6,
  30.0,
  32.7,
  30.2,
  30.5,
  28.0,
  21.8,
  30.5,
  21.7,
  26.8,
  23.9,
  21.3,
  23.4,
  31.7,
  25.7
]
},
{
  "channelCfi": [
    3,
    11,
    51,
    59,
    131,
    139,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    25.6,
    33.0,
    33.2,
    24.8,
    24.7,
    26.9,
```

```
        24.3,
        28.7
      ]
    },
    {
      "channelCfi": [
        7,
        55,
        135,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        28.6,
        27.8,
        27.7,
        27.3
      ]
    }
  ],
  "requestId": "1099044258",
  "availabilityExpireTime": "2024-11-20T18:08:44Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

2024-11-19T18:12:51Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1348",
    "Connection": "Keep-Alive"
  },

```

```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1346580750",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      },
    },
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",
        "verticalUncertainty": 8
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ]
  }
}
```

```
],  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,
```

```
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,
```

```
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10  
}
```

```
]
}
}

##### 2024-11-19T18:12:52Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 16.3
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 13.7
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 19.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
          },
          "maxPsd": 17.0
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6125,  
        "lowFrequency": 6105  
      },  
      "maxPsd": 19.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6145,  
        "lowFrequency": 6125  
      },  
      "maxPsd": 15.4  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6165,  
        "lowFrequency": 6145  
      },  
      "maxPsd": 10.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
      },  
      "maxPsd": 14.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 9.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285
```

```
    },
    "maxPsd": 19.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 21.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 8.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 9.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 8.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 18.0
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 20.3
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 20.1
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            17,
            21,
            25,
```

29,
33,
37,
41,
45,
65,
69,
73,
77,
81,
85,
89,
93,
145,
149,
153,
157
],
"globalOperatingClass": 131,
"maxEirp": [
29.3,
26.7,
32.8,
30.0,
32.3,
28.4,
23.6,
27.5,
22.1,
32.4,
34.0,
21.3,
22.1,
21.9,
31.0,
33.3,
28.9,
22.1,
32.5,
33.1

```
]
},
{
  "channelCfi": [
    19,
    27,
    35,
    43,
    67,
    75,
    83,
    91,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    29.7,
    33.0,
    31.4,
    26.6,
    25.1,
    24.3,
    24.9,
    34.0,
    25.1,
    35.5
  ]
},
{
  "channelCfi": [
    23,
    39,
    71,
    87,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    32.7,
```

```
        29.6,
        27.3,
        27.9,
        28.1
      ]
    },
    {
      "channelCfi": [
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.3
      ]
    }
  ],
  "requestId": "1346580750",
  "availabilityExpireTime": "2024-11-20T18:12:52Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

1.3.2 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10625_1

2024-11-19T23:08:57Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1347",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
```

```
{
  "requestId": "899977584",
  "deviceDescriptor": {
    "serialNumber": "1615899446",
    "certificationId": [
      {
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "FCC_CERT_ID_1"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -90.050655,
        "latitude": 35.138359
      },
      "majorAxis": 1,
      "minorAxis": 1,
      "orientation": 0
    },
    "elevation": {
      "height": 8,
      "heightType": "AGL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
```

```
"globalOperatingClass": 131,  
"channelCfi": [  
  1,  
  5,  
  9,  
  13,  
  17,  
  21,  
  25,  
  29,  
  33,  
  37,  
  41,  
  45,  
  49,  
  53,  
  57,  
  61,  
  65,  
  69,  
  73,  
  77,  
  81,  
  85,  
  89,  
  93,  
  117,  
  121,  
  125,  
  129,  
  133,  
  137,  
  141,  
  145,  
  149,  
  153,  
  157,  
  161,  
  165,  
  169,
```

```
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,
```

```
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10  
}  
]  
}  
}
```

2024-11-19T23:08:57Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 21.7
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 16.7
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 18.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 15.7
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 17.5
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 14.3
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 21.3
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 16.6
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 13.8
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 16.3
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 17.4
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 17.4
}
```

```
"maxPsd": 18.9
}
],
"availableChannelInfo": [
{
  "channelCfi": [
    1,
    5,
    9,
    13,
    17,
    21,
    25,
    29,
    33,
    37,
    41,
    45,
    145,
    149,
    153,
    157
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    34.7,
    29.7,
    31.4,
    28.7,
    23.2,
    30.5,
    24.0,
    27.3,
    34.3,
    29.6,
    26.8,
    34.3,
    29.3,
    22.3,
    30.4,
```

```
    31.9
  ]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    32.7,
    31.7,
    26.2,
    27.0,
    32.6,
    29.8,
    25.3,
    33.4
  ]
},
{
  "channelCfi": [
    7,
    23,
    39,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    34.7,
    29.2,
    32.8,
    28.3
  ]
}
```

```
    },
    {
      "channelCfi": [
        15
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        32.2
      ]
    }
  ],
  "requestId": "899977584",
  "availabilityExpireTime": "2024-11-20T23:08:57Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

2024-11-19T23:09:07Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1347",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "910654066",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {

```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "FCC_CERT_ID_1"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -90.050655,
        "latitude": 35.138359
      },
      "majorAxis": 1,
      "minorAxis": 1,
      "orientation": 0
    },
    "elevation": {
      "height": 8,
      "heightType": "AGL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
```

17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181

]
,
{

```
"globalOperatingClass": 132,  
"channelCfi": [  
  3,  
  11,  
  19,  
  27,  
  35,  
  43,  
  51,  
  59,  
  67,  
  75,  
  83,  
  91,  
  123,  
  131,  
  139,  
  147,  
  155,  
  163,  
  171,  
  179  
]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,
```

```
"channelCfi": [
  15,
  47,
  79,
  143
],
},
{
  "globalOperatingClass": 135,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": -10
}
]
}
}
```

```
##### 2024-11-19T23:09:07Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 21.7
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 16.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 18.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 15.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 10.2
  },
  {
```

```
"frequencyRange": {
  "highFrequency": 6065,
  "lowFrequency": 6045
},
"maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.0
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 14.3
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 13.8
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 21.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 16.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 9.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 17.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 18.9
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
```

```
1,  
5,  
9,  
13,  
17,  
21,  
25,  
29,  
33,  
37,  
41,  
45,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  34.7,  
  29.7,  
  31.4,  
  28.7,  
  23.2,  
  30.5,  
  24.0,  
  27.3,  
  34.3,  
  29.6,  
  26.8,  
  34.3,  
  29.3,  
  22.3,  
  30.4,  
  31.9  
]  
},  
{  
  "channelCfi": [  
    3,
```

```
    11,
    19,
    27,
    35,
    43,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    32.7,
    31.7,
    26.2,
    27.0,
    32.6,
    29.8,
    25.3,
    33.4
  ]
},
{
  "channelCfi": [
    7,
    23,
    39,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    34.7,
    29.2,
    32.8,
    28.3
  ]
},
{
  "channelCfi": [
    15
  ],
  "globalOperatingClass": 134,
```

```
        "maxEirp": [
            32.2
        ]
    },
    ],
    "requestId": "910654066",
    "availabilityExpireTime": "2024-11-20T23:09:07Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-19T23:09:17Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1347",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "920762428",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
```

```
"ellipse": {
  "center": {
    "longitude": -90.050655,
    "latitude": 35.138359
  },
  "majorAxis": 1,
  "minorAxis": 1,
  "orientation": 0
},
"elevation": {
  "height": 8,
  "heightType": "AGL",
  "verticalUncertainty": 8
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,
```

```
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179
  ]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    143
  ]
}
```

```
    },
    {
      "globalOperatingClass": 135,
      "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
```

2024-11-19T23:09:17Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 15.7
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 10.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 17.5
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.0
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 14.3
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 13.8
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 13.8
}
```

```
"maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 16.3
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 17.4
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.9
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,
29,
33,
37,
41,
45,
145,
149,
153,
157
],
"globalOperatingClass": 131,
"maxEirp": [
  34.7,
  29.7,
  31.4,
  28.7,
  23.2,
  30.5,
  24.0,
  27.3,
  34.3,
  29.6,
  26.8,
  34.3,
  29.3,
  22.3,
  30.4,
  31.9
]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    147,
```

```
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    32.7,
    31.7,
    26.2,
    27.0,
    32.6,
    29.8,
    25.3,
    33.4
  ]
},
{
  "channelCfi": [
    7,
    23,
    39,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    34.7,
    29.2,
    32.8,
    28.3
  ]
},
{
  "channelCfi": [
    15
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    32.2
  ]
}
],
"requestId": "920762428",
```

```
"availabilityExpireTime": "2024-11-20T23:09:17Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-11-19T23:13:47Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1348",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1190757382",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
```

```
"minorAxis": 1,
"orientation": 0
},
"elevation": {
  "height": 8,
  "heightType": "AGL",
  "verticalUncertainty": 8
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
```

```
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,
```

```
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,
```

```
        39,
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}

##### 2024-11-19T23:13:48Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 20.4
        },
        {

```

```
"frequencyRange": {  
  "highFrequency": 6225,  
  "lowFrequency": 6205  
},  
"maxPsd": 20.6  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6245,  
    "lowFrequency": 6225  
  },  
  "maxPsd": 9.1  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6265,  
    "lowFrequency": 6245  
  },  
  "maxPsd": 12.7  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6285,  
    "lowFrequency": 6265  
  },  
  "maxPsd": 13.7  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6305,  
    "lowFrequency": 6285  
  },  
  "maxPsd": 12.2  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6325,  
    "lowFrequency": 6305  
  },  
  "maxPsd": 20.9
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 16.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 17.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 17.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 16.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 8.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
```

```
    },
    "maxPsd": 15.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 19.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 12.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6765,
      "lowFrequency": 6745
    },
    "maxPsd": 14.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 15.1
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 16.1
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            129,
            133,
            137,
            141,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            33.4,
```

```
    33.6,  
    22.1,  
    25.7,  
    26.7,  
    25.2,  
    33.9,  
    29.3,  
    30.5,  
    30.8,  
    29.0,  
    21.6,  
    28.2,  
    32.7,  
    25.3,  
    32.1,  
    27.2,  
    28.1,  
    22.0,  
    29.1  
  ]  
},  
{  
  "channelCfi": [  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    36.0,  
    25.1,  
    28.2,  
    32.3,
```

```
        33.5,
        24.6,
        31.2,
        28.3,
        30.2,
        25.0
      ]
    },
    {
      "channelCfi": [
        55,
        71,
        87,
        135,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        28.1,
        31.2,
        27.6,
        31.3,
        28.0
      ]
    },
    {
      "channelCfi": [
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.6
      ]
    }
  ],
  "requestId": "1190757382",
  "availabilityExpireTime": "2024-11-20T23:13:48Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```

```
"version": "1.4"
}

##### 2024-11-19T23:13:55Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1348",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1198786813",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
```

```
        "height": 8,
        "heightType": "AGL",
        "verticalUncertainty": 8
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6865
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131,
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
```

```
      81,  
      85,  
      89,  
      93,  
      117,  
      121,  
      125,  
      129,  
      133,  
      137,  
      141,  
      145,  
      149,  
      153,  
      157,  
      161,  
      165,  
      169,  
      173,  
      177,  
      181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,
```

```
        139,  
        147,  
        155,  
        163,  
        171,  
        179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,
```

```
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-19T23:13:56Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 20.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
          },

```

```
"maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.7
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.7
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 12.2
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6345,
```

```
        "lowFrequency": 6325
      },
      "maxPsd": 16.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 17.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 17.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 16.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 8.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 15.2
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6625,
  "lowFrequency": 6605
},
"maxPsd": 19.7
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 15.1
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 9.0
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 16.1
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        33.4,
        33.6,
        22.1,
        25.7,
        26.7,
```

```
25.2,
33.9,
29.3,
30.5,
30.8,
29.0,
21.6,
28.2,
32.7,
25.3,
32.1,
27.2,
28.1,
22.0,
29.1
]
},
{
  "channelCfi": [
    51,
    59,
    67,
    75,
    83,
    91,
    131,
    139,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    36.0,
    25.1,
    28.2,
    32.3,
    33.5,
    24.6,
    31.2,
    28.3,
```

```
        30.2,
        25.0
      ]
    },
    {
      "channelCfi": [
        55,
        71,
        87,
        135,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        28.1,
        31.2,
        27.6,
        31.3,
        28.0
      ]
    },
    {
      "channelCfi": [
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.6
      ]
    }
  ],
  "requestId": "1198786813",
  "availabilityExpireTime": "2024-11-20T23:13:56Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
},
"version": "1.4"
}
```

1.3.3 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

2024-11-20T18:18:59Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1350",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1456616580",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,
        "orientation": 0
      },
      "elevation": {
        "height": 4,
        "heightType": "AGL",

```

```
        "verticalUncertainty": 4
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

```
      89,  
      93,  
      117,  
      121,  
      125,  
      129,  
      133,  
      137,  
      141,  
      145,  
      149,  
      153,  
      157,  
      161,  
      165,  
      169,  
      173,  
      177,  
      181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,
```

```
        155,  
        163,  
        171,  
        179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,
```

```
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-20T18:18:59Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1350",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1456616580",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ]
  }
}
```

```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -87.157214,
      "latitude": 39.03444
    },
    "majorAxis": 26,
    "minorAxis": 26,
    "orientation": 0
  },
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 4
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  

```

```
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179
  ]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
```

```
        47,
        79,
        143
    ]
},
{
    "globalOperatingClass": 135,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"minDesiredPower": -10
}
]
}
}
```

2024-11-20T18:19:00Z

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

```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 8.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 14.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 10.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 12.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 20.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
```

```
        "lowFrequency": 6125
      },
      "maxPsd": 8.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 18.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 15.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 17.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 13.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 13.0
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6265,
  "lowFrequency": 6245
},
"maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 13.3
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 20.4
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.5
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
```

```
    25,  
    29,  
    33,  
    37,  
    41,  
    45,  
    49,  
    53,  
    57,  
    61,  
    145,  
    149,  
    153,  
    157  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    21.4,  
    27.2,  
    23.1,  
    25.1,  
    33.5,  
    21.3,  
    31.8,  
    28.7,  
    30.4,  
    26.0,  
    26.0,  
    25.6,  
    26.3,  
    32.8,  
    33.4,  
    31.5  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,
```

```
    43,  
    51,  
    59,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    24.4,  
    26.1,  
    24.3,  
    31.7,  
    29.0,  
    28.6,  
    29.3,  
    34.5  
  ]  
},  
{  
  "channelCfi": [  
    23,  
    39,  
    55,  
    151  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    27.4,  
    27.3,  
    31.6,  
    32.3  
  ]  
},  
{  
  "channelCfi": [  
    47  
  ],  
  "globalOperatingClass": 134,  
  "maxEirp": [  
    30.3
```

```
    ]
  }
],
"requestId": "1456616580",
"availabilityExpireTime": "2024-11-21T18:19:00Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T18:19:00Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 8.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 14.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 10.1
        }
      ]
    }
  ]
}
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 12.1
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.5
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 8.3
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 18.8
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
```

```
    },
    "maxPsd": 17.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 13.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 13.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 12.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 13.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 20.4
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 18.5
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            21.4,
            27.2,
            23.1,
            25.1,
            33.5,
```

```
    21.3,
    31.8,
    28.7,
    30.4,
    26.0,
    26.0,
    25.6,
    26.3,
    32.8,
    33.4,
    31.5
  ]
},
{
  "channelCfi": [
    19,
    27,
    35,
    43,
    51,
    59,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    24.4,
    26.1,
    24.3,
    31.7,
    29.0,
    28.6,
    29.3,
    34.5
  ]
},
{
  "channelCfi": [
    23,
    39,
```

```
        55,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.4,
        27.3,
        31.6,
        32.3
    ]
},
{
    "channelCfi": [
        47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.3
    ]
}
],
"requestId": "1456616580",
"availabilityExpireTime": "2024-11-21T18:19:00Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T18:23:42Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1350",
    "Connection": "Keep-Alive"
  }
}
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1739295438",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ]
}
```

```
    }  
  ],  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,
```

```
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,
```

```
        55,  
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10
```

```
}  
]  
}  
}
```

```
##### 2024-11-20T18:23:42Z #####
```

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.217",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1350",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "1739295438",  
        "deviceDescriptor": {  
          "serialNumber": "1615899446",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "FCC_CERT_ID_1"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "longitude": -87.157214,  
          "latitude": 39.03444  
        },  
        "majorAxis": 26,  
        "minorAxis": 26,  
        "orientation": 0  
      }  
    }  
  }  
}
```

```
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,
```

```
        123,
        131,
        139,
        147,
        155,
        163,
        171,
        179
    ]
},
{
    "globalOperatingClass": 133,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        143
    ]
},
{
    "globalOperatingClass": 135,
    "channelCfi": [
        7,
        23,
        39,
        55,
```

```
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10  
}  
]  
}  
}
```

2024-11-20T18:23:42Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6045,  
            "lowFrequency": 6025  
          },  
          "maxPsd": 12.8  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6065,
```

```
        "lowFrequency": 6045
      },
      "maxPsd": 13.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 19.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 19.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 12.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 11.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 21.4
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6185,
  "lowFrequency": 6165
},
"maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 19.4
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 21.7
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 11.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 20.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 21.7
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        145,
        149,
```

```
    153,  
    157  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    25.8,  
    26.6,  
    32.8,  
    32.1,  
    25.5,  
    24.1,  
    34.4,  
    28.5,  
    32.4,  
    25.4,  
    26.1,  
    27.4,  
    34.7,  
    24.3,  
    33.0,  
    34.7  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    28.8,  
    35.1,  
    27.1,  
    31.5,
```

```
        28.4,
        29.1,
        27.3,
        36.0
      ]
    },
    {
      "channelCfi": [
        23,
        39,
        55,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.8,
        30.1,
        31.4,
        30.3
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        33.1
      ]
    }
  ],
  "requestId": "1739295438",
  "availabilityExpireTime": "2024-11-21T18:23:42Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T18:23:42Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 12.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 13.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 19.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
          },
          "maxPsd": 19.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 12.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 11.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 21.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 15.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 19.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 13.1
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 21.7
}
```

```
],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        145,  
        149,  
        153,  
        157  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        25.8,  
        26.6,  
        32.8,  
        32.1,  
        25.5,  
        24.1,  
        34.4,  
        28.5,  
        32.4,  
        25.4,  
        26.1,  
        27.4,  
        34.7,  
        24.3,  
        33.0,  
        34.7  
      ]  
    }  
  ]
```

```
    },
    {
      "channelCfi": [
        19,
        27,
        35,
        43,
        51,
        59,
        147,
        155
      ],
      "globalOperatingClass": 132,
      "maxEirp": [
        28.8,
        35.1,
        27.1,
        31.5,
        28.4,
        29.1,
        27.3,
        36.0
      ]
    },
    {
      "channelCfi": [
        23,
        39,
        55,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.8,
        30.1,
        31.4,
        30.3
      ]
    },
    {
```

```
"channelCfi": [
  47
],
"globalOperatingClass": 134,
"maxEirp": [
  33.1
]
}
],
"requestId": "1739295438",
"availabilityExpireTime": "2024-11-21T18:23:42Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T18:23:52Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1350",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1748890041",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ]
  }
}
```

```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -87.157214,
      "latitude": 39.03444
    },
    "majorAxis": 26,
    "minorAxis": 26,
    "orientation": 0
  },
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 4
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  

```

```
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179
  ]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
```

```
        47,
        79,
        143
    ]
},
{
    "globalOperatingClass": 135,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
    "minDesiredPower": -10
}
]
}
}
```

2024-11-20T18:23:52Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.5.217",
```

```
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1350",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1748890041",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    }
  ]
}
```

```
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        117,
        121,
        125,
        129,
        133,
        137,
```

```
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,
```

```
"channelCfi": [  
  7,  
  23,  
  39,  
  55,  
  71,  
  87,  
  135,  
  151,  
  167  
]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
},  
{  
  "globalOperatingClass": 135,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 137,  
  "channelCfi": [  
    31,  
    63
```

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

2024-11-20T18:23:52Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 12.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 13.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 19.8
        },
        {
```

```
"frequencyRange": {  
  "highFrequency": 6105,  
  "lowFrequency": 6085  
},  
"maxPsd": 19.1  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6125,  
    "lowFrequency": 6105  
  },  
  "maxPsd": 12.5  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6145,  
    "lowFrequency": 6125  
  },  
  "maxPsd": 11.1  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6165,  
    "lowFrequency": 6145  
  },  
  "maxPsd": 21.4  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6185,  
    "lowFrequency": 6165  
  },  
  "maxPsd": 15.5  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6205,  
    "lowFrequency": 6185  
  },  
  "maxPsd": 19.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 12.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 14.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 21.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 11.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
```

```
    },
    "maxPsd": 20.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 21.7
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      145,
      149,
      153,
      157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      25.8,
      26.6,
      32.8,
      32.1,
      25.5,
      24.1,
      34.4,
```

```
    28.5,
    32.4,
    25.4,
    26.1,
    27.4,
    34.7,
    24.3,
    33.0,
    34.7
  ]
},
{
  "channelCfi": [
    19,
    27,
    35,
    43,
    51,
    59,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    28.8,
    35.1,
    27.1,
    31.5,
    28.4,
    29.1,
    27.3,
    36.0
  ]
},
{
  "channelCfi": [
    23,
    39,
    55,
    151
```

```
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      31.8,
      30.1,
      31.4,
      30.3
    ]
  },
  {
    "channelCfi": [
      47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      33.1
    ]
  }
],
"requestId": "1748890041",
"availabilityExpireTime": "2024-11-21T18:23:52Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-11-20T18:23:52Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 12.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 13.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 11.1
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 21.4
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 15.5
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.4
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 13.1
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 14.4
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 21.7
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 11.3
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 20.0
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 21.7
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
```

```
49,  
53,  
57,  
61,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  25.8,  
  26.6,  
  32.8,  
  32.1,  
  25.5,  
  24.1,  
  34.4,  
  28.5,  
  32.4,  
  25.4,  
  26.1,  
  27.4,  
  34.7,  
  24.3,  
  33.0,  
  34.7  
]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    147,  
    155  
  ],
```

```
"globalOperatingClass": 132,
"maxEirp": [
  28.8,
  35.1,
  27.1,
  31.5,
  28.4,
  29.1,
  27.3,
  36.0
]
},
{
  "channelCfi": [
    23,
    39,
    55,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.8,
    30.1,
    31.4,
    30.3
  ]
},
{
  "channelCfi": [
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    33.1
  ]
}
],
"requestId": "1748890041",
"availabilityExpireTime": "2024-11-21T18:23:52Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

1.3.4 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1

2024-11-20T20:29:29Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.217",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1349",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "238926004",  
        "deviceDescriptor": {  
          "serialNumber": "1615899446",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "FCC_CERT_ID_1"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "longitude": -87.157214,  
          "latitude": 39.03444  
        },  
        "majorAxis": 26,  
        "minorAxis": 26,  
      }  
    }  
  }  
}
```

```
    "orientation": 0
  },
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 4
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
```

```
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,
```

```
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
},  
{  
  "globalOperatingClass": 135,  
  "channelCfi": [  
    7,  
    23,  
    39,
```

```
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

```
##### 2024-11-20T20:29:30Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "238926004",
      "availabilityExpireTime": "2024-11-21T20:29:30Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2024-11-20T20:29:43Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "253041194",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,
        "orientation": 0
      },
      "elevation": {
        "height": 4,
        "heightType": "AGL",
        "verticalUncertainty": 4
      }
    }
  }
}
```

```
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
```

```
    93,  
    117,  
    121,  
    125,  
    129,  
    133,  
    137,  
    141,  
    145,  
    149,  
    153,  
    157,  
    161,  
    165,  
    169,  
    173,  
    177,  
    181  
  ]  
},  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,
```

```
        163,  
        171,  
        179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167
```

```
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": -10
}
]
}
}
```

2024-11-20T20:29:44Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 8.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 20.3
        },
        {

```

```
"frequencyRange": {
  "highFrequency": 6165,
  "lowFrequency": 6145
},
"maxPsd": 14.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 17.3
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 21.7
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 11.3
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 15.5
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 21.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 19.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 14.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 21.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 12.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
```

```
    },
    "maxPsd": 16.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 21.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 14.1
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93
    ]
  }
],
"globalOperatingClass": 131,
"maxEirp": [
```

```
        21.4,  
        33.3,  
        27.7,  
        30.3,  
        34.7,  
        28.7,  
        24.3,  
        28.5,  
        34.9,  
        32.6,  
        27.0,  
        34.2,  
        25.1,  
        29.5,  
        34.0,  
        27.1  
    ]  
},  
{  
    "channelCfi": [  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        24.4,  
        30.7,  
        31.7,  
        27.3,  
        35.6,  
        30.0,  
        28.1,  
        30.1  
    ]  
}
```

```
    },
    {
      "channelCfi": [
        39,
        55,
        71,
        87
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        27.4,
        30.3,
        33.0,
        31.1
      ]
    },
    {
      "channelCfi": [
        47,
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.4,
        34.1
      ]
    },
    {
      "channelCfi": [
        63
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        33.5
      ]
    }
  ],
  "requestId": "253041194",
  "availabilityExpireTime": "2024-11-21T20:29:44Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

```
##### 2024-11-20T20:29:51Z #####
```

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.217",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1349",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "260964919",  
        "deviceDescriptor": {  
          "serialNumber": "1615899446",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "FCC_CERT_ID_1"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "longitude": -87.157214,  
          "latitude": 39.03444  
        },  
        "majorAxis": 26,  
        "minorAxis": 26,  
        "orientation": 0  
      }  
    }  
  }  
}
```

```
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,
```

```
        123,
        131,
        139,
        147,
        155,
        163,
        171,
        179
    ]
},
{
    "globalOperatingClass": 133,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        143
    ]
},
{
    "globalOperatingClass": 135,
    "channelCfi": [
        7,
        23,
        39,
        55,
```

```
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10  
}  
]  
}  
}
```

2024-11-20T20:29:51Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 8.4  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6145,
```

```
        "lowFrequency": 6125
      },
      "maxPsd": 20.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 14.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 17.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 21.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 15.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 11.3
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6265,
  "lowFrequency": 6245
},
"maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 21.9
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 19.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 14.0
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.1
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 16.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 21.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 14.1
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
```

```
      89,  
      93  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      21.4,  
      33.3,  
      27.7,  
      30.3,  
      34.7,  
      28.7,  
      24.3,  
      28.5,  
      34.9,  
      32.6,  
      27.0,  
      34.2,  
      25.1,  
      29.5,  
      34.0,  
      27.1  
    ]  
  },  
  {  
    "channelCfi": [  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      24.4,  
      30.7,  
      31.7,  
      27.3,
```

```
        35.6,  
        30.0,  
        28.1,  
        30.1  
    ]  
  },  
  {  
    "channelCfi": [  
      39,  
      55,  
      71,  
      87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      27.4,  
      30.3,  
      33.0,  
      31.1  
    ]  
  },  
  {  
    "channelCfi": [  
      47,  
      79  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      30.4,  
      34.1  
    ]  
  },  
  {  
    "channelCfi": [  
      63  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
      33.5  
    ]  
  }
```

```
    }
  ],
  "requestId": "260964919",
  "availabilityExpireTime": "2024-11-21T20:29:51Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T20:35:58Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "627636750",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      ]
    },
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
```

```
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
```

```
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,
```

```
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
},  
{  
  "globalOperatingClass": 135,
```

```
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 137,
        "channelCfi": [
            31,
            63
        ]
    }
],
"minDesiredPower": -10
}
]
}
}
```

2024-11-20T20:35:58Z

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

```

```
"maxPsd": 9.7
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 17.7
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 12.0
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 14.9
},
{
  "frequencyRange": {
    "highFrequency": 6085,
```

```
        "lowFrequency": 6065
      },
      "maxPsd": 12.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 10.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 8.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 16.2
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6685,
  "lowFrequency": 6665
},
"maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      129,
```

```
    133,  
    137,  
    141,  
    145,  
    149,  
    153,  
    157  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    22.7,  
    30.7,  
    22.6,  
    25.0,  
    26.6,  
    27.9,  
    25.1,  
    23.4,  
    21.2,  
    30.6,  
    30.6,  
    29.2,  
    26.0,  
    26.1,  
    29.7,  
    21.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    131,  
    139,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,
```

```
"maxEirp": [  
  25.7,  
  25.6,  
  29.6,  
  26.4,  
  24.2,  
  32.2,  
  29.0,  
  24.0  
],  
,  
{  
  "channelCfi": [  
    7,  
    23,  
    135,  
    151  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    28.6,  
    29.4,  
    27.2,  
    27.0  
  ],  
},  
{  
  "channelCfi": [  
    15,  
    143  
  ],  
  "globalOperatingClass": 134,  
  "maxEirp": [  
    31.6,  
    30.0  
  ],  
}  
],  
"requestId": "627636750",  
"availabilityExpireTime": "2024-11-21T20:35:58Z",
```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      }
    ],
    "version": "1.4"
  }

##### 2024-11-20T20:36:08Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "638023951",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,

```

```
    "orientation": 0
  },
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 4
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
```

```
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,
```

```
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
},  
{  
  "globalOperatingClass": 135,  
  "channelCfi": [  
    7,  
    23,  
    39,
```

```
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-20T20:36:08Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 9.7
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 9.6
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 13.6
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 14.9
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 12.1
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 8.2
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 16.2
}
```

```
"maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      129,
      133,
      137,
      141,
      145,
```

```
    149,  
    153,  
    157  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    22.7,  
    30.7,  
    22.6,  
    25.0,  
    26.6,  
    27.9,  
    25.1,  
    23.4,  
    21.2,  
    30.6,  
    30.6,  
    29.2,  
    26.0,  
    26.1,  
    29.7,  
    21.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    131,  
    139,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    25.7,  
    25.6,  
    29.6,
```

```
        26.4,
        24.2,
        32.2,
        29.0,
        24.0
    ]
},
{
    "channelCfi": [
        7,
        23,
        135,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        28.6,
        29.4,
        27.2,
        27.0
    ]
},
{
    "channelCfi": [
        15,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        31.6,
        30.0
    ]
}
],
"requestId": "638023951",
"availabilityExpireTime": "2024-11-21T20:36:08Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
```

}

1.3.5 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1

2024-11-22T21:35:45Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1348",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84737783",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,
        "orientation": 0
      },
      "elevation": {
```

```
        "height": 4,
        "heightType": "AGL",
        "verticalUncertainty": 4
    },
    "indoorDeployment": 1
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5945,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6865
    }
],
"inquiredChannels": [
    {
        "globalOperatingClass": 131,
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
```

```
      81,  
      85,  
      89,  
      93,  
      117,  
      121,  
      125,  
      129,  
      133,  
      137,  
      141,  
      145,  
      149,  
      153,  
      157,  
      161,  
      165,  
      169,  
      173,  
      177,  
      181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,
```

```
        139,  
        147,  
        155,  
        163,  
        171,  
        179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,
```

```
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-22T21:35:46Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 10.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },

```

```
"maxPsd": 18.5
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 11.9
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 22.2
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 14.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 15.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 15.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 13.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 12.5
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6385,
  "lowFrequency": 6365
},
"maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 6.1
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93
    ]
  }
]
```

```
],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    23.8,  
    31.5,  
    24.9,  
    34.3,  
    35.2,  
    25.4,  
    34.2,  
    27.9,  
    28.0,  
    27.1,  
    28.0,  
    26.0,  
    25.5,  
    27.6,  
    30.0,  
    19.1  
  ]  
},  
{  
  "channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    26.8,  
    27.9,  
    28.4,  
    30.9,  
    30.1,  
    29.0,
```

```
        28.5,  
        22.1  
    ]  
  },  
  {  
    "channelCfi": [  
      39,  
      55,  
      71,  
      87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      29.8,  
      31.4,  
      32.0,  
      25.1  
    ]  
  },  
  {  
    "channelCfi": [  
      47,  
      79  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      32.8,  
      28.1  
    ]  
  },  
  {  
    "channelCfi": [  
      63  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
      31.2  
    ]  
  }  
],
```

```
"requestId": "84737783",
"availabilityExpireTime": "2024-11-23T21:35:46Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-11-22T21:40:16Z #####
```

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "355498946",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        }
      }
    }
  }
}
```

```
"majorAxis": 26,
"minorAxis": 26,
"orientation": 0
},
"elevation": {
  "height": 4,
  "heightType": "AGL",
  "verticalUncertainty": 4
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
```

```
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,
```

```
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
},  
{  
  "globalOperatingClass": 135,  
  "channelCfi": [  
    7,
```

```
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

```
##### 2024-11-22T21:40:16Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.5
        },

```

```
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 7.8
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 2.5
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": -2.9
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 9.4
}
```

```
"maxPsd": 4.8
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 7.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 2.1
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 4.0
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6205,
```

```
        "lowFrequency": 6185
      },
      "maxPsd": 0.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 4.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 3.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 8.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
```

```
    45,
    49,
    53,
    57,
    61
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    23.5,
    20.8,
    15.5,
    10.1,
    25.5,
    22.4,
    17.8,
    21.1,
    20.9,
    15.1,
    17.0,
    23.6,
    13.2,
    17.4,
    16.9,
    21.0
  ]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    23.8,
```

```
        13.1,  
        25.4,  
        20.8,  
        18.1,  
        20.0,  
        16.2,  
        19.9  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      16.1,  
      23.8,  
      21.1,  
      19.2  
    ]  
  },  
  {  
    "channelCfi": [  
      15,  
      47  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      19.1,  
      22.2  
    ]  
  },  
  {  
    "channelCfi": [  
      31  
    ],  
    "globalOperatingClass": 137,
```

```
        "maxEirp": [
            22.2
        ]
    },
    ],
    "requestId": "355498946",
    "availabilityExpireTime": "2024-11-23T21:40:16Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

1.3.6 CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1

2024-11-20T00:17:06Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1347",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "967165234",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ]
  },
}
```

```
"location": {
  "ellipse": {
    "center": {
      "longitude": -90.050655,
      "latitude": 35.138359
    },
    "majorAxis": 1,
    "minorAxis": 1,
    "orientation": 0
  },
  "elevation": {
    "height": 8,
    "heightType": "AGL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
```

```
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,
```

```
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143
```

```
    ]
  },
  {
    "globalOperatingClass": 135,
    "channelCfi": [
      7,
      23,
      39,
      55,
      71,
      87,
      135,
      151,
      167
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": -10
}
]
}
}
```

2024-11-20T00:17:06Z

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

```
"requestId": "967165234",
"availabilityExpireTime": "2024-11-21T00:17:06Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T00:17:15Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1347",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "976939784",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        }
      }
    }
  }
}
```

```
"majorAxis": 1,
"minorAxis": 1,
"orientation": 0
},
"elevation": {
  "height": 8,
  "heightType": "AGL",
  "verticalUncertainty": 8
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
```

```
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,
```

```
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
},  
{  
  "globalOperatingClass": 135,  
  "channelCfi": [  
    7,
```

```
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"minDesiredPower": -10
}
]
}
}
```

```
##### 2024-11-20T00:17:15Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "976939784",
            "availabilityExpireTime": "2024-11-21T00:17:15Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

}

1.3.7 CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1

2024-11-20T21:34:34Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "105331661",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,
        "orientation": 0
      },
      "elevation": {
```

```
"height": 4,
"heightType": "AGL",
"verticalUncertainty": 4
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
{
"lowFrequency": 5945,
"highFrequency": 6425
},
{
"lowFrequency": 6525,
"highFrequency": 6865
}
],
"inquiredChannels": [
{
"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
```

```
      81,  
      85,  
      89,  
      93,  
      117,  
      121,  
      125,  
      129,  
      133,  
      137,  
      141,  
      145,  
      149,  
      153,  
      157,  
      161,  
      165,  
      169,  
      173,  
      177,  
      181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,
```

```
        139,  
        147,  
        155,  
        163,  
        171,  
        179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,
```

```
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-20T21:34:34Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 17.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },

```

```
"maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 18.5
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.0
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.7
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 14.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 14.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 14.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 11.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 14.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 20.1
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6705,
  "lowFrequency": 6685
},
"maxPsd": 20.0
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 18.3
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.7
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      145,
      149,
      153,
      157
```

```
],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    30.9,  
    28.6,  
    31.5,  
    28.0,  
    33.7,  
    26.6,  
    34.1,  
    27.3,  
    27.6,  
    27.3,  
    24.6,  
    27.3,  
    33.1,  
    33.0,  
    31.3,  
    31.7  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    51,  
    59,  
    67,  
    75,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    31.6,  
    31.0,  
    29.6,  
    30.3,  
    30.3,  
    27.6,
```

```
        36.0,
        34.3
      ]
    },
    {
      "channelCfi": [
        23,
        55,
        71,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        34.0,
        32.6,
        30.6,
        36.0
      ]
    }
  ],
  "requestId": "105331661",
  "availabilityExpireTime": "2024-11-21T21:34:34Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

2024-11-20T21:34:41Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },

```

```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "112266580",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      },
    },
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,
        "orientation": 0
      },
      "elevation": {
        "height": 4,
        "heightType": "AGL",
        "verticalUncertainty": 4
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ]
  }
}
```

```
],  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,
```

```
        161,  
        165,  
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,
```

```
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10  
}
```

```
]
}
}

##### 2024-11-20T21:34:41Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 17.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 15.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 18.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
          },
          "maxPsd": 15.0
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6205,  
        "lowFrequency": 6185  
      },  
      "maxPsd": 20.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
      },  
      "maxPsd": 13.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 21.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 14.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 14.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285
```

```
    },
    "maxPsd": 14.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 11.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 14.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 20.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 20.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 18.3
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 18.7
}
],
"availableChannelInfo": [
{
    "channelCfi": [
        17,
        21,
        25,
        29,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        145,
        149,
        153,
        157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        30.9,
        28.6,
        31.5,
        28.0,
        33.7,
        26.6,
        34.1,
        27.3,
        27.6,
        27.3,
        24.6,
        27.3,
```

```
        33.1,  
        33.0,  
        31.3,  
        31.7  
    ]  
  },  
  {  
    "channelCfi": [  
      19,  
      27,  
      51,  
      59,  
      67,  
      75,  
      147,  
      155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      31.6,  
      31.0,  
      29.6,  
      30.3,  
      30.3,  
      27.6,  
      36.0,  
      34.3  
    ]  
  },  
  {  
    "channelCfi": [  
      23,  
      55,  
      71,  
      151  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      34.0,  
      32.6,
```

```
        30.6,  
        36.0  
    ]  
  }  
],  
  "requestId": "112266580",  
  "availabilityExpireTime": "2024-11-21T21:34:41Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

2024-11-20T21:41:13Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.217",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1349",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "109573335",  
        "deviceDescriptor": {  
          "serialNumber": "1615899446",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "FCC_CERT_ID_1"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {
```

```
"ellipse": {
  "center": {
    "longitude": -87.157214,
    "latitude": 39.03444
  },
  "majorAxis": 26,
  "minorAxis": 26,
  "orientation": 0
},
"elevation": {
  "height": 4,
  "heightType": "AGL",
  "verticalUncertainty": 4
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,
```

```
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179
  ]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    143
  ]
}
```

```
    },
    {
      "globalOperatingClass": 135,
      "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
```

2024-11-20T21:41:58Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "109573335",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ]
}
```

```
    }  
  ],  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,
```

```
    157,  
    161,  
    165,  
    169,  
    173,  
    177,  
    181  
  ]  
},  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,
```

```
        55,  
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10
```

```
}  
]  
}  
}
```

2024-11-20T21:42:43Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.217",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1349",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "109573335",  
        "deviceDescriptor": {  
          "serialNumber": "1615899446",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "FCC_CERT_ID_1"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {  
          "longitude": -87.157214,  
          "latitude": 39.03444  
        },  
        "majorAxis": 26,  
        "minorAxis": 26,  
        "orientation": 0  
      }  
    }  
  }  
}
```

```
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,
```

```
        123,
        131,
        139,
        147,
        155,
        163,
        171,
        179
    ]
},
{
    "globalOperatingClass": 133,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        143
    ]
},
{
    "globalOperatingClass": 135,
    "channelCfi": [
        7,
        23,
        39,
        55,
```

```
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10  
}  
]  
}  
}
```

2024-11-20T21:43:28Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.217",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1349",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "109573335",  
        "deviceDescriptor": {  
          "serialNumber": "1615899446",  

```

```
"certificationId": [
  {
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
    "id": "FCC_CERT_ID_1"
  }
],
"location": {
  "ellipse": {
    "center": {
      "longitude": -87.157214,
      "latitude": 39.03444
    },
    "majorAxis": 26,
    "minorAxis": 26,
    "orientation": 0
  },
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 4
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,

```

9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181

]

```
    },  
    {  
      "globalOperatingClass": 132,  
      "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179  
      ]  
    },  
    {  
      "globalOperatingClass": 133,  
      "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        135,  
        151,  
        167  
      ]  
    },  
  ],  
}
```

```
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    143
  ]
},
{
  "globalOperatingClass": 135,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": -10
}
]
}
}
```

2024-11-20T21:44:13Z

```
{
  "headers": {
```

```
"Host": "testserver.wfatestorg.org",
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.217",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1349",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "109573335",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
}
```

```
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6865  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      117,  
      121,
```

```
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179
```

```
]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    143
  ]
},
{
  "globalOperatingClass": 135,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
```

```
        "globalOperatingClass": 137,
        "channelCfi": [
            31,
            63
        ]
    },
    ],
    "minDesiredPower": -10
}
]
}
}
```

2024-11-20T21:44:16Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.8
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 20.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 8.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 14.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 19.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 18.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 18.7
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 19.9
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 18.3
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 8.8
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.8
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 18.2
}
```

```
"maxPsd": 8.2
}
],
"availableChannelInfo": [
{
  "channelCfi": [
    1,
    5,
    9,
    13,
    33,
    37,
    41,
    45,
    81,
    85,
    89,
    93,
    129,
    133,
    137,
    141,
    161,
    165,
    169,
    173
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    23.8,
    33.5,
    21.5,
    25.4,
    27.7,
    32.7,
    31.4,
    21.1,
    31.7,
    32.9,
    27.4,
```

```
    22.0,  
    31.3,  
    21.8,  
    24.8,  
    31.9,  
    28.6,  
    21.9,  
    31.2,  
    21.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,  
    91,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    26.8,  
    24.5,  
    30.7,  
    24.1,  
    34.7,  
    25.0,  
    24.8,  
    27.8,  
    24.9,  
    24.2  
  ]  
},  
{  
  "channelCfi": [  

```

```
        7,
        39,
        87,
        135,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        27.5,
        27.1,
        28.0,
        27.8,
        27.2
      ]
    }
  ],
  "requestId": "109573335",
  "availabilityExpireTime": "2024-11-21T21:44:16Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

```
##### 2024-11-20T21:44:16Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.8
        },
      ],
    },
  ],
}
```

```
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 20.5
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 8.5
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 14.7
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 19.7
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  },
```

```
"maxPsd": 18.4
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 18.7
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 9.0
},
{
  "frequencyRange": {
    "highFrequency": 6605,
```

```
        "lowFrequency": 6585
      },
      "maxPsd": 18.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 8.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 15.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 8.9
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6805,
  "lowFrequency": 6785
},
"maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 8.2
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      81,
      85,
      89,
      93,
      129,
      133,
      137,
      141,
      161,
      165,
      169,
      173
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
```

```
    23.8,
    33.5,
    21.5,
    25.4,
    27.7,
    32.7,
    31.4,
    21.1,
    31.7,
    32.9,
    27.4,
    22.0,
    31.3,
    21.8,
    24.8,
    31.9,
    28.6,
    21.9,
    31.2,
    21.2
  ]
},
{
  "channelCfi": [
    3,
    11,
    35,
    43,
    83,
    91,
    131,
    139,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    26.8,
    24.5,
    30.7,
```

```
        24.1,
        34.7,
        25.0,
        24.8,
        27.8,
        24.9,
        24.2
      ]
    },
    {
      "channelCfi": [
        7,
        39,
        87,
        135,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        27.5,
        27.1,
        28.0,
        27.8,
        27.2
      ]
    }
  ],
  "requestId": "109573335",
  "availabilityExpireTime": "2024-11-21T21:44:16Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2024-11-20T21:44:16Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 10.8
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 20.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 8.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 14.7
  },
  {
```

```
"frequencyRange": {  
  "highFrequency": 6145,  
  "lowFrequency": 6125  
},  
"maxPsd": 19.7  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6165,  
    "lowFrequency": 6145  
  },  
  "maxPsd": 18.4  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6185,  
    "lowFrequency": 6165  
  },  
  "maxPsd": 8.1  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6365,  
    "lowFrequency": 6345  
  },  
  "maxPsd": 18.7  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6385,  
    "lowFrequency": 6365  
  },  
  "maxPsd": 19.9  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6405,  
    "lowFrequency": 6385  
  },  
  "maxPsd": 14.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 9.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 18.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 8.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
```

```
    },
    "maxPsd": 15.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 8.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 18.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 8.2
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      81,
      85,
      89,
      93,
```

```
129,  
133,  
137,  
141,  
161,  
165,  
169,  
173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  23.8,  
  33.5,  
  21.5,  
  25.4,  
  27.7,  
  32.7,  
  31.4,  
  21.1,  
  31.7,  
  32.9,  
  27.4,  
  22.0,  
  31.3,  
  21.8,  
  24.8,  
  31.9,  
  28.6,  
  21.9,  
  31.2,  
  21.2  
]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,
```

```
    91,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    26.8,  
    24.5,  
    30.7,  
    24.1,  
    34.7,  
    25.0,  
    24.8,  
    27.8,  
    24.9,  
    24.2  
  ]  
},  
{  
  "channelCfi": [  
    7,  
    39,  
    87,  
    135,  
    167  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    27.5,  
    27.1,  
    28.0,  
    27.8,  
    27.2  
  ]  
}  
],  
"requestId": "109573335",  
"availabilityExpireTime": "2024-11-21T21:44:16Z",
```

```
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2024-11-20T21:44:16Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.8
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 20.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 8.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 14.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 19.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 18.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 18.7
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 19.9
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 18.3
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 11.8
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 8.2
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
```

5,
9,
13,
33,
37,
41,
45,
81,
85,
89,
93,
129,
133,
137,
141,
161,
165,
169,
173
],
"globalOperatingClass": 131,
"maxEirp": [
23.8,
33.5,
21.5,
25.4,
27.7,
32.7,
31.4,
21.1,
31.7,
32.9,
27.4,
22.0,
31.3,
21.8,
24.8,
31.9,
28.6,
21.9,

```
        31.2,  
        21.2  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      35,  
      43,  
      83,  
      91,  
      131,  
      139,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      26.8,  
      24.5,  
      30.7,  
      24.1,  
      34.7,  
      25.0,  
      24.8,  
      27.8,  
      24.9,  
      24.2  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      39,  
      87,  
      135,  
      167  
    ],  
    "globalOperatingClass": 133,
```

```
        "maxEirp": [
            27.5,
            27.1,
            28.0,
            27.8,
            27.2
        ]
    },
    ],
    "requestId": "109573335",
    "availabilityExpireTime": "2024-11-21T21:44:16Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T21:44:16Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.8
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 20.5
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 8.5
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 14.7
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 19.7
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 18.4
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 17.4
}
```

```
"maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 18.7
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 9.0
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 18.3
},
{
  "frequencyRange": {
    "highFrequency": 6625,
```

```
        "lowFrequency": 6605
      },
      "maxPsd": 8.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 15.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 8.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 18.2
    },
    {
```

```
"frequencyRange": {  
  "highFrequency": 6825,  
  "lowFrequency": 6805  
},  
"maxPsd": 8.2  
}  
],  
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      33,  
      37,  
      41,  
      45,  
      81,  
      85,  
      89,  
      93,  
      129,  
      133,  
      137,  
      141,  
      161,  
      165,  
      169,  
      173  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      23.8,  
      33.5,  
      21.5,  
      25.4,  
      27.7,  
      32.7,  
      31.4,
```

```
    21.1,  
    31.7,  
    32.9,  
    27.4,  
    22.0,  
    31.3,  
    21.8,  
    24.8,  
    31.9,  
    28.6,  
    21.9,  
    31.2,  
    21.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,  
    91,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    26.8,  
    24.5,  
    30.7,  
    24.1,  
    34.7,  
    25.0,  
    24.8,  
    27.8,  
    24.9,  
    24.2
```

```
    ]
  },
  {
    "channelCfi": [
      7,
      39,
      87,
      135,
      167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      27.5,
      27.1,
      28.0,
      27.8,
      27.2
    ]
  }
],
"requestId": "109573335",
"availabilityExpireTime": "2024-11-21T21:44:16Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

1.3.8 CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1

2024-11-20T21:59:17Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
```

```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "493379731",
      "deviceDescriptor": {
        "serialNumber": "1615899446",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID_1"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ]
}
```

```
    }  
  ],  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        117,  
        121,  
        125,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,
```

```
    157,  
    161,  
    165,  
    169,  
    173,  
    177,  
    181  
  ]  
},  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,
```

```
        55,  
        71,  
        87,  
        135,  
        151,  
        167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": -10
```

$$\left. \begin{array}{c} \} \\] \\ \} \\ \} \end{array} \right\}$$

```
##### 2024-11-20T21:59:17Z #####
```

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

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6145,
```

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

```
"frequencyRange": {
  "highFrequency": 6285,
  "lowFrequency": 6265
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6545,  
        "lowFrequency": 6525  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6565,  
        "lowFrequency": 6545  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6585,  
        "lowFrequency": 6565  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6605,  
        "lowFrequency": 6585
```

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

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 23
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6845,
    "lowFrequency": 6825
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6865,
    "lowFrequency": 6845
  },
  "maxPsd": 23
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

[illegible]

```
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
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    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0,  
    36.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,
```

```

131,
139,
147,
155,
163,
171,
179
],
"globalOperatingClass": 132,
"maxEirp": [
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0
]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,

```

```
        135,
        151,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0
    ]
},
{
    "channelCfi": [
        15,
        47,
        79,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0
    ]
}
},
    "requestId": "493379731",
    "availabilityExpireTime": "2024-11-21T21:59:17Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
},
    "version": "1.4"
}
```

2024-11-20T21:59:27Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "504420577",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -87.157214,
          "latitude": 39.03444
        },
        "majorAxis": 26,
        "minorAxis": 26,
        "orientation": 0
      },
      "elevation": {
        "height": 4,
        "heightType": "AGL",
```

```
        "verticalUncertainty": 4
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

```
      89,  
      93,  
      117,  
      121,  
      125,  
      129,  
      133,  
      137,  
      141,  
      145,  
      149,  
      153,  
      157,  
      161,  
      165,  
      169,  
      173,  
      177,  
      181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,
```

```
        155,  
        163,  
        171,  
        179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,  
      167  
    ]  
  },  
  {  
    "globalOperatingClass": 134,  
    "channelCfi": [  
      15,  
      47,  
      79,  
      143  
    ]  
  },  
  {  
    "globalOperatingClass": 135,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,  
      151,
```

```
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
}
}
```

2024-11-20T21:59:28Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 23
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  },
```

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6245,
```

```
        "lowFrequency": 6225
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 23
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6365,
  "lowFrequency": 6345
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 23
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6585,  
        "lowFrequency": 6565  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6605,  
        "lowFrequency": 6585  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6625,  
        "lowFrequency": 6605  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665
```

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

```
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6845,
        "lowFrequency": 6825
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
    },
    "maxPsd": 23
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
```

41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181
],
"globalOperatingClass": 131,
"maxEirp": [
36.0,
36.0,
36.0,
36.0,
36.0,
36.0,

[illegible]

```
        36.0,
        36.0
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0
    ]
},
{
    "channelCfi": [
        15,
        47,
        79,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        36.0,
        36.0,
```

```
        36.0,
        36.0
      ]
    }
  ],
  "requestId": "504420577",
  "availabilityExpireTime": "2024-11-21T21:59:28Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-11-20T21:59:42Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "519256097",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID_1"
            }
          ]
        }
      }
    ],
    "location": {
```

```
"ellipse": {
  "center": {
    "longitude": -87.157214,
    "latitude": 39.03444
  },
  "majorAxis": 26,
  "minorAxis": 26,
  "orientation": 0
},
"elevation": {
  "height": 4,
  "heightType": "AGL",
  "verticalUncertainty": 4
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,
```

```
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179  
  ]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    143  
  ]  
}
```

```
    },
    {
      "globalOperatingClass": 135,
      "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": -10
}
]
```

2024-11-20T21:59:42Z

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

```
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6325,
```

```
        "lowFrequency": 6305
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 23
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6545,
  "lowFrequency": 6525
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 23
}
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
```

```
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6845,
      "lowFrequency": 6825
    },
    "maxPsd": 23
  },
  {
    "frequencyRange": {
      "highFrequency": 6865,
      "lowFrequency": 6845
    },
    "maxPsd": 23
  }
],
"availableChannelInfo": [
```

```
{  
  "channelCfi": [  
    1,  
    5,  
    9,  
    13,  
    17,  
    21,  
    25,  
    29,  
    33,  
    37,  
    41,  
    45,  
    49,  
    53,  
    57,  
    61,  
    65,  
    69,  
    73,  
    77,  
    81,  
    85,  
    89,  
    93,  
    117,  
    121,  
    125,  
    129,  
    133,  
    137,  
    141,  
    145,  
    149,  
    153,  
    157,  
    161,  
    165,  
    169,
```

[illegible]

```
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
        59,
        67,
        75,
        83,
        91,
        123,
        131,
        139,
        147,
        155,
        163,
        171,
        179
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
```

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

```

    },
    {
      "channelCfi": [
        15,
        47,
        79,
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0
      ]
    }
  ],
  "requestId": "519256097",
  "availabilityExpireTime": "2024-11-21T21:59:42Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
},
"version": "1.4"
}

```

2024-11-20T22:04:24Z

```

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [

```

```
{
  "requestId": "800982418",
  "deviceDescriptor": {
    "serialNumber": "1615899446",
    "certificationId": [
      {
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "FCC_CERT_ID_1"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
```

```
"globalOperatingClass": 131,  
"channelCfi": [  
  1,  
  5,  
  9,  
  13,  
  17,  
  21,  
  25,  
  29,  
  33,  
  37,  
  41,  
  45,  
  49,  
  53,  
  57,  
  61,  
  65,  
  69,  
  73,  
  77,  
  81,  
  85,  
  89,  
  93,  
  117,  
  121,  
  125,  
  129,  
  133,  
  137,  
  141,  
  145,  
  149,  
  153,  
  157,  
  161,  
  165,  
  169,
```

```
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,  
      135,
```

```
        151,
        167
    ]
},
{
    "globalOperatingClass": 134,
    "channelCfi": [
        15,
        47,
        79,
        143
    ]
},
{
    "globalOperatingClass": 135,
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ]
},
{
    "globalOperatingClass": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"minDesiredPower": -10
}
]
}
}
```

2024-11-20T22:04:24Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "800982418",
      "availabilityExpireTime": "2024-11-21T22:04:24Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2024-11-20T22:04:40Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.217",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1349",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "816600481",
        "deviceDescriptor": {
          "serialNumber": "1615899446",
          "certificationId": [
            {

```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "FCC_CERT_ID_1"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -87.157214,
        "latitude": 39.03444
      },
      "majorAxis": 26,
      "minorAxis": 26,
      "orientation": 0
    },
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 4
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
```

17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181

]
,
{

```
"globalOperatingClass": 132,  
"channelCfi": [  
  3,  
  11,  
  19,  
  27,  
  35,  
  43,  
  51,  
  59,  
  67,  
  75,  
  83,  
  91,  
  123,  
  131,  
  139,  
  147,  
  155,  
  163,  
  171,  
  179  
]  
},  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
},  
{  
  "globalOperatingClass": 134,
```

```
        "channelCfi": [
            15,
            47,
            79,
            143
        ]
    },
    {
        "globalOperatingClass": 135,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            135,
            151,
            167
        ]
    },
    {
        "globalOperatingClass": 137,
        "channelCfi": [
            31,
            63
        ]
    }
],
"minDesiredPower": -10
}
]
}
}
```

```
##### 2024-11-20T22:04:40Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
```

```
"responseCode": 0,  
  "shortDescription": "SUCCESS"  
},  
  "availableFrequencyInfo": [],  
  "availableChannelInfo": [],  
  "requestId": "816600481",  
  "availabilityExpireTime": "2024-11-21T22:04:40Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
  "version": "1.4"  
}
```

-- End of Report --