



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-WAVEML6
ISED ID	6545A-WAVEML6
Equipment Under Test	Wave-MLO6
Test Report Serial Number	TR10547_01
Date of Tests	13-19 November 2025
Report Issue Date	20 November 2025

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 2026. 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 2026. 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	Wave-MLO6

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 conforms to the conditions in Spectrum Response (20.6 dBm/MHz PSD, 33.6 dBm EIRP) on channel 29 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (8.1 dBm/MHz PSD, 21.1 dBm EIRP) on channel 153 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	Wave-MLO6

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 conforms to the conditions in Spectrum Response (12.2 dBm/MHz PSD, 28.2 dBm EIRP) on channel center frequency index 83 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (20.0 dBm/MHz PSD, 36.0 dBm EIRP) on channel center frequency index 19 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	Wave-MLO6

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 conforms to the conditions in Spectrum Response (13.1 dBm/MHz PSD, 32.1 dBm EIRP) on channel center frequency index 167 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (12.0 dBm/MHz PSD, 31.0 dBm EIRP) on channel center frequency index 23 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	Wave-MLO6

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 conforms to the conditions in Spectrum Response (9.4 dBm/MHz PSD, 31.4 dBm EIRP) 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 conforms to the conditions in Spectrum Response (8.3 dBm/MHz PSD, 30.3 dBm EIRP) 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	Wave-MLO6

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 conforms to the conditions in Spectrum Response (6.5 dBm/MHz PSD, 31.6 dBm EIRP) on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (-0.8 dBm/MHz PSD, 24.3 dBm EIRP) on channel center frequency index 63 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	Wave-MLO6

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 conditons 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	Wave-MLO6

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_AFCDSAU33_FrequencyChannel_10630_1(Successful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1(Successful spectrum access update)
 TestResult:PASS
 Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (19.9 dBm/MHz PSD, 32.9 dBm EIRP) on channel 17 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_SP_OPERATION_2	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT conforms to the conditions in Spectrum Response (16.9 dBm/MHz PSD, 29.9 dBm EIRP) on channel 1 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Fixed Client
DUT Vendor Name	Ubiquiti
DUT Product Model	Wave-MLO6

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1 (Unsuccessful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_FC_STA_AFCDUAU34_FrequencyChannel_10660_1 (Unsuccessful spectrum access update)

TestResult: PASS

Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (23 dBm/MHz PSD, 36.0 dBm EIRP) 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	Wave-MLO6

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)
TestResult: PASS
Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	Wave-MLO6

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	Wave-MLO6

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	Wave-MLO6

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	Wave-MLO6

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	Wave-MLO6

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	Wave-MLO6

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)

TestResult:PASS

Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	false	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	Wave-MLO6

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

1.3 DUT Spectrum Inquiry Request/Response Logs

1.3.1 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1

2025-11-14T17:24:18Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83234743",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
"heightType": "AMSL",
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
{
"lowFrequency": 5945,
"highFrequency": 6425
},
{
"lowFrequency": 6525,
"highFrequency": 6875
}
],
"inquiredChannels": [
{
"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
```

```
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20
```

```
}  
]  
}  
}
```

2025-11-14T17:24:18Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [],  
      "availableChannelInfo": [],  
      "requestId": "83234743",  
      "availabilityExpireTime": "2025-11-15T17:24:18Z",  
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
    }  
  ],  
  "version": "1.4"  
}
```

2025-11-14T17:24:19Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.163",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1258",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "83371995",  

```

```
"deviceDescriptor": {
  "serialNumber": "353000151",
  "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
```

1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T17:24:19Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "83371995",
      "availabilityExpireTime": "2025-11-15T17:24:19Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
}
```

```
"version": "1.4"
}

##### 2025-11-14T17:24:33Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84398540",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
"heightType": "AMSL",
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
{
"lowFrequency": 5945,
"highFrequency": 6425
},
{
"lowFrequency": 6525,
"highFrequency": 6875
}
],
"inquiredChannels": [
{
"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
```



```
      81,  
      85,  
      89,  
      93,  
      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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20
```

```
}  
]  
}  
}
```

```
##### 2025-11-14T17:24:33Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6045,  
            "lowFrequency": 6025  
          },  
          "maxPsd": 13.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6065,  
            "lowFrequency": 6045  
          },  
          "maxPsd": 16.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6085,  
            "lowFrequency": 6065  
          },  
          "maxPsd": 15.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6105,  
            "lowFrequency": 6085  
          },  
          "maxPsd": 14.1  
        }  
      ]  
    }  
  ]  
}
```

```
"maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.7
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.0
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.9
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 10.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 12.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 15.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 18.7
    },
    {
```

```
"frequencyRange": {  
  "highFrequency": 6665,  
  "lowFrequency": 6645  
},  
"maxPsd": 18.2  
}  
],  
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      17,  
      21,  
      25,  
      29,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      129,  
      133,  
      137,  
      141  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      26.1,  
      29.9,  
      28.1,  
      33.6,  
      21.7,  
      22.4,  
      32.9,  
      32.0,  
      26.9,  
      23.0,  
      25.0,
```

```
        25.7,  
        28.2,  
        30.6,  
        31.7,  
        31.2  
    ]  
  },  
  {  
    "channelCfi": [  
      19,  
      27,  
      51,  
      59,  
      67,  
      75,  
      131,  
      139  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      29.1,  
      31.1,  
      24.7,  
      35.0,  
      26.0,  
      28.0,  
      31.2,  
      34.2  
    ]  
  },  
  {  
    "channelCfi": [  
      23,  
      55,  
      71,  
      135  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      32.1,
```

```
        27.7,
        29.0,
        34.2
      ]
    }
  ],
  "requestId": "84398540",
  "availabilityExpireTime": "2025-11-15T17:24:33Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-11-14T17:24:34Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84540519",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
```

```
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T17:24:34Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 13.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 16.9
        }
      ]
    }
  ]
}
```

```
"frequencyRange": {
  "highFrequency": 6085,
  "lowFrequency": 6065
},
"maxPsd": 15.1
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.7
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.0
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 13.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 10.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 12.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 15.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },

```

```
    },
    "maxPsd": 17.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 18.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 18.2
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      129,
      133,
      137,
      141
    ]
  }
],
"globalOperatingClass": 131,
"maxEirp": [
```

```
    26.1,  
    29.9,  
    28.1,  
    33.6,  
    21.7,  
    22.4,  
    32.9,  
    32.0,  
    26.9,  
    23.0,  
    25.0,  
    25.7,  
    28.2,  
    30.6,  
    31.7,  
    31.2  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    51,  
    59,  
    67,  
    75,  
    131,  
    139  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    29.1,  
    31.1,  
    24.7,  
    35.0,  
    26.0,  
    28.0,  
    31.2,  
    34.2  
  ]  
}
```



```
    },
    {
      "channelCfi": [
        23,
        55,
        71,
        135
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        32.1,
        27.7,
        29.0,
        34.2
      ]
    }
  ],
  "requestId": "84540519",
  "availabilityExpireTime": "2025-11-15T17:24:34Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T17:25:12Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
```

```
{
  "requestId": "284456957",
  "deviceDescriptor": {
    "serialNumber": "2340140652",
    "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
```

```
"globalOperatingClass": 131,  
"channelCfi": [  
  1,  
  5,  
  9,  
  13,  
  17,  
  21,  
  25,  
  29,  
  33,  
  37,  
  41,  
  45,  
  49,  
  53,  
  57,  
  61,  
  65,  
  69,  
  73,  
  77,  
  81,  
  85,  
  89,  
  93,  
  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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T17:25:12Z

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

```
    },
    "maxPsd": 13.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 16.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 15.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 20.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 8.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 9.4
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 19.9
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 13.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 12.7
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 15.2
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 18.7
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 18.2
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      49,
      53,
      57,
      61,
```



```
        65,  
        69,  
        73,  
        77,  
        129,  
        133,  
        137,  
        141  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
        26.1,  
        29.9,  
        28.1,  
        33.6,  
        21.7,  
        22.4,  
        32.9,  
        32.0,  
        26.9,  
        23.0,  
        25.0,  
        25.7,  
        28.2,  
        30.6,  
        31.7,  
        31.2  
    ]  
},  
{  
    "channelCfi": [  
        19,  
        27,  
        51,  
        59,  
        67,  
        75,  
        131,  
        139  
    ],
```

```
"globalOperatingClass": 132,
"maxEirp": [
  29.1,
  31.1,
  24.7,
  35.0,
  26.0,
  28.0,
  31.2,
  34.2
]
},
{
  "channelCfi": [
    23,
    55,
    71,
    135
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    32.1,
    27.7,
    29.0,
    34.2
  ]
}
],
"requestId": "284456957",
"availabilityExpireTime": "2025-11-15T17:25:12Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T17:25:17Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
```

```
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.163",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "293090873",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
```

```
{
  "lowFrequency": 5945,
  "highFrequency": 6425
},
{
  "lowFrequency": 6525,
  "highFrequency": 6875
}
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

```
##### 2025-11-14T17:25:17Z #####
{
```

```
"availableSpectrumInquiryResponses": [  
  {  
    "response": {  
      "responseCode": 0,  
      "shortDescription": "SUCCESS"  
    },  
    "availableFrequencyInfo": [  
      {  
        "frequencyRange": {  
          "highFrequency": 6045,  
          "lowFrequency": 6025  
        },  
        "maxPsd": 13.1  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6065,  
          "lowFrequency": 6045  
        },  
        "maxPsd": 16.9  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6085,  
          "lowFrequency": 6065  
        },  
        "maxPsd": 15.1  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6105,  
          "lowFrequency": 6085  
        },  
        "maxPsd": 20.6  
      },  
      {  
        "frequencyRange": {  
          "highFrequency": 6205,  
          "lowFrequency": 6185  
        },  
      },  
    ],  
  },  
]
```

```
"maxPsd": 8.7
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.0
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.9
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 10.0
},
{
  "frequencyRange": {
    "highFrequency": 6325,
```



```
        "lowFrequency": 6305
      },
      "maxPsd": 12.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 15.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 18.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 18.2
    }
  ],
```

```
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      17,  
      21,  
      25,  
      29,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      129,  
      133,  
      137,  
      141  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      26.1,  
      29.9,  
      28.1,  
      33.6,  
      21.7,  
      22.4,  
      32.9,  
      32.0,  
      26.9,  
      23.0,  
      25.0,  
      25.7,  
      28.2,  
      30.6,  
      31.7,  
      31.2  
    ]  
  },  
]
```

```
{
  "channelCfi": [
    19,
    27,
    51,
    59,
    67,
    75,
    131,
    139
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    29.1,
    31.1,
    24.7,
    35.0,
    26.0,
    28.0,
    31.2,
    34.2
  ]
},
{
  "channelCfi": [
    23,
    55,
    71,
    135
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    32.1,
    27.7,
    29.0,
    34.2
  ]
}
],
"requestId": "293090873",
```

```
"availabilityExpireTime": "2025-11-15T17:25:17Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-11-14T17:36:15Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "947458095",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
  "heightType": "AMSL",
  "verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
```

```
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        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": 137,  
    "channelCfi": [  
      31,  
      63
```

```
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T17:36:15Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 19.8
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 19.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 13.5
        },
        {
```



```
"frequencyRange": {
  "highFrequency": 6025,
  "lowFrequency": 6005
},
"maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 16.2
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.1
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 11.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 9.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 11.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 10.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 21.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705
```

```
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 18.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6765,
      "lowFrequency": 6745
    },
    "maxPsd": 14.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 16.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 13.6
  }
],
"availableChannelInfo": [
```

```
{  
  "channelCfi": [  
    1,  
    5,  
    9,  
    13,  
    33,  
    37,  
    41,  
    45,  
    81,  
    85,  
    89,  
    93,  
    145,  
    149,  
    153,  
    157,  
    161,  
    165,  
    169,  
    173  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    32.8,  
    32.1,  
    26.5,  
    29.4,  
    30.9,  
    29.2,  
    33.1,  
    31.2,  
    34.1,  
    24.6,  
    22.7,  
    24.2,  
    23.1,  
    34.5,  
    21.1,  
  ]  
}
```

```
        31.8,  
        27.5,  
        29.7,  
        24.2,  
        26.6  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      35,  
      43,  
      83,  
      91,  
      147,  
      155,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      35.1,  
      29.5,  
      32.2,  
      34.2,  
      27.6,  
      25.7,  
      26.1,  
      24.1,  
      30.5,  
      27.2  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      39,  
      87,  
      151,
```

```
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        32.5,
        35.2,
        28.7,
        27.1,
        30.2
      ]
    }
  ],
  "requestId": "947458095",
  "availabilityExpireTime": "2025-11-15T17:36:15Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

2025-11-14T17:36:22Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "958280206",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
```

13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
        "channelCfi": [
            31,
            63
        ]
    }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T17:36:22Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 19.8
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 19.1
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 20.1
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.6
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 9.7
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 11.2
}
```

```
"maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.5
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.8
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 14.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6805,
```

```
        "lowFrequency": 6785
      },
      "maxPsd": 11.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 13.6
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        33,
        37,
        41,
        45,
        81,
        85,
        89,
        93,
        145,
        149,
        153,
        157,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        32.8,
        32.1,
```

```
26.5,  
29.4,  
30.9,  
29.2,  
33.1,  
31.2,  
34.1,  
24.6,  
22.7,  
24.2,  
23.1,  
34.5,  
21.1,  
31.8,  
27.5,  
29.7,  
24.2,  
26.6  
]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,  
    91,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    35.1,  
    29.5,  
    32.2,  
    34.2,  
    27.6,
```

```
        25.7,
        26.1,
        24.1,
        30.5,
        27.2
      ]
    },
    {
      "channelCfi": [
        7,
        39,
        87,
        151,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        32.5,
        35.2,
        28.7,
        27.1,
        30.2
      ]
    }
  ],
  "requestId": "958280206",
  "availabilityExpireTime": "2025-11-15T17:36:22Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T17:41:36Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
```



```
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1258",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83953425",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    }
  ]
}
```

```
    },  
    {  
      "lowFrequency": 6525,  
      "highFrequency": 6875  
    }  
  ],  
  "inquiredChannels": [  
    {  
      "globalOperatingClass": 131,  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

```
##### 2025-11-14T17:41:36Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 13.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 16.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 17.9
  },
  {
```

```
"frequencyRange": {
  "highFrequency": 6145,
  "lowFrequency": 6125
},
"maxPsd": 16.2
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.6
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 9.7
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 11.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 10.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 21.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 8.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 18.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745
```

```
    },
    "maxPsd": 14.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 16.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 13.6
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      81,
      85,
      89,
      93,
```



```
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  32.8,  
  32.1,  
  26.5,  
  29.4,  
  30.9,  
  29.2,  
  33.1,  
  31.2,  
  34.1,  
  24.6,  
  22.7,  
  24.2,  
  23.1,  
  34.5,  
  21.1,  
  31.8,  
  27.5,  
  29.7,  
  24.2,  
  26.6  
]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,
```

```
    91,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    35.1,  
    29.5,  
    32.2,  
    34.2,  
    27.6,  
    25.7,  
    26.1,  
    24.1,  
    30.5,  
    27.2  
  ]  
},  
{  
  "channelCfi": [  
    7,  
    39,  
    87,  
    151,  
    167  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    32.5,  
    35.2,  
    28.7,  
    27.1,  
    30.2  
  ]  
}  
],  
"requestId": "83953425",  
"availabilityExpireTime": "2025-11-15T17:41:36Z",
```

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

##### 2025-11-14T17:41:37Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84095361",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
```

```
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        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": 137,  
  "channelCfi": [  
    31,  
    63  
  ]  
}
```

```
    }  
  ],  
  "minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-14T17:41:37Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 19.8  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 19.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 13.5  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 20.1
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 21.1
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.6
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 9.7
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.5
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 21.5
}
```

```
"maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.8
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 14.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 13.6
}
],
"availableChannelInfo": [
  {
```

```
"channelCfi": [  
  1,  
  5,  
  9,  
  13,  
  33,  
  37,  
  41,  
  45,  
  81,  
  85,  
  89,  
  93,  
  145,  
  149,  
  153,  
  157,  
  161,  
  165,  
  169,  
  173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  32.8,  
  32.1,  
  26.5,  
  29.4,  
  30.9,  
  29.2,  
  33.1,  
  31.2,  
  34.1,  
  24.6,  
  22.7,  
  24.2,  
  23.1,  
  34.5,  
  21.1,  
  31.8,
```

```
        27.5,  
        29.7,  
        24.2,  
        26.6  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      35,  
      43,  
      83,  
      91,  
      147,  
      155,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      35.1,  
      29.5,  
      32.2,  
      34.2,  
      27.6,  
      25.7,  
      26.1,  
      24.1,  
      30.5,  
      27.2  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      39,  
      87,  
      151,  
      167
```

```
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      32.5,
      35.2,
      28.7,
      27.1,
      30.2
    ]
  }
],
"requestId": "84095361",
"availabilityExpireTime": "2025-11-15T17:41:37Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T17:43:09Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83396795",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
```

17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
        "channelCfi": [
            31,
            63
        ]
    }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T17:43:09Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 19.8
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
```

```
        "lowFrequency": 5965
      },
      "maxPsd": 19.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 13.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 16.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 17.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 16.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 20.1
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6185,
  "lowFrequency": 6165
},
"maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.6
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 9.7
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 10.1
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 21.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 8.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 18.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745  
      },  
      "maxPsd": 14.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
      },  
      "maxPsd": 16.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785
```

```
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 13.6
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      81,
      85,
      89,
      93,
      145,
      149,
      153,
      157,
      161,
      165,
      169,
      173
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      32.8,
      32.1,
      26.5,
```

```
29.4,  
30.9,  
29.2,  
33.1,  
31.2,  
34.1,  
24.6,  
22.7,  
24.2,  
23.1,  
34.5,  
21.1,  
31.8,  
27.5,  
29.7,  
24.2,  
26.6  
]  
,  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,  
    91,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    35.1,  
    29.5,  
    32.2,  
    34.2,  
    27.6,  
    25.7,
```

```
        26.1,
        24.1,
        30.5,
        27.2
      ]
    },
    {
      "channelCfi": [
        7,
        39,
        87,
        151,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        32.5,
        35.2,
        28.7,
        27.1,
        30.2
      ]
    }
  ],
  "requestId": "83396795",
  "availabilityExpireTime": "2025-11-15T17:43:09Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T17:43:10Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
```

```
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83563422",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    }
  ],
```



```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"minDesiredPower": 20
}
]
}
}

##### 2025-11-14T17:43:10Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 13.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 16.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 17.9
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 20.1
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 21.1
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 9.7
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.5
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 18.8
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  },
```

```
"maxPsd": 14.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 13.6
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      81,
      85,
      89,
      93,
      145,
```

```
149,  
153,  
157,  
161,  
165,  
169,  
173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  32.8,  
  32.1,  
  26.5,  
  29.4,  
  30.9,  
  29.2,  
  33.1,  
  31.2,  
  34.1,  
  24.6,  
  22.7,  
  24.2,  
  23.1,  
  34.5,  
  21.1,  
  31.8,  
  27.5,  
  29.7,  
  24.2,  
  26.6  
]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    83,  
    91,
```



```
147,
155,
163,
171
],
"globalOperatingClass": 132,
"maxEirp": [
  35.1,
  29.5,
  32.2,
  34.2,
  27.6,
  25.7,
  26.1,
  24.1,
  30.5,
  27.2
]
},
{
  "channelCfi": [
    7,
    39,
    87,
    151,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    32.5,
    35.2,
    28.7,
    27.1,
    30.2
  ]
}
],
"requestId": "83563422",
"availabilityExpireTime": "2025-11-15T17:43:10Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

1.3.2 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10625_1

2025-11-14T18:06:12Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83179856",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

```
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
```

```
}  
}
```

```
##### 2025-11-14T18:06:12Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6365,  
            "lowFrequency": 6345  
          },  
          "maxPsd": 18.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6385,  
            "lowFrequency": 6365  
          },  
          "maxPsd": 12.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6405,  
            "lowFrequency": 6385  
          },  
          "maxPsd": 12.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6425,  
            "lowFrequency": 6405  
          },  
          "maxPsd": 21.3  
        },  
      ],  
    },  
  ],  
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 15.2
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 15.2
}
```



```
"maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 19.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```

```
        "lowFrequency": 6805
      },
      "maxPsd": 13.5
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        31.9,
        25.2,
        25.2,
        34.3,
        29.4,
        34.4,
        34.2,
        30.9,
        28.2,
        25.6,
        26.5,
        27.6,
        32.5,
```

```
        25.5,  
        31.2,  
        26.5  
    ]  
  },  
  {  
    "channelCfi": [  
      83,  
      91,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      28.2,  
      28.2,  
      32.4,  
      33.9,  
      28.6,  
      29.5,  
      28.5,  
      29.5  
    ]  
  },  
  {  
    "channelCfi": [  
      87,  
      135,  
      151,  
      167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      31.2,  
      35.4,  
      31.6,
```

```

        31.5
      ],
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        34.6
      ]
    }
  ],
  "requestId": "83179856",
  "availabilityExpireTime": "2025-11-15T18:06:12Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```
##### 2025-11-14T18:06:13Z #####
```

```

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83319118",
        "deviceDescriptor": {
          "serialNumber": "353000151",

```

```
"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": 8.0,  
    "heightType": "AMSL",  
    "verticalUncertainty": 8  
  },  
  "indoorDeployment": 2  
},  
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
    ]  
  }  
]
```

9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:06:13Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
          },
          "maxPsd": 18.9
        },
        {

```



```
"frequencyRange": {
  "highFrequency": 6385,
  "lowFrequency": 6365
},
"maxPsd": 12.2
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 12.2
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 21.2
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 17.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 15.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 12.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 13.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 14.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745
```

```
    },
    "maxPsd": 19.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 12.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 18.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 13.5
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      81,
      85,
      89,
      93,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157,
```

```
    161,  
    165,  
    169,  
    173  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    31.9,  
    25.2,  
    25.2,  
    34.3,  
    29.4,  
    34.4,  
    34.2,  
    30.9,  
    28.2,  
    25.6,  
    26.5,  
    27.6,  
    32.5,  
    25.5,  
    31.2,  
    26.5  
  ]  
},  
{  
  "channelCfi": [  
    83,  
    91,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    28.2,  
    28.2,
```

```
        32.4,
        33.9,
        28.6,
        29.5,
        28.5,
        29.5
      ]
    },
    {
      "channelCfi": [
        87,
        135,
        151,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.2,
        35.4,
        31.6,
        31.5
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        34.6
      ]
    }
  ],
  "requestId": "83319118",
  "availabilityExpireTime": "2025-11-15T18:06:13Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:08:09Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83304500",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
        "heightType": "AMSL",
```

```
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

```
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
```

```
}  
}
```

```
##### 2025-11-14T18:08:09Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6365,  
            "lowFrequency": 6345  
          },  
          "maxPsd": 18.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6385,  
            "lowFrequency": 6365  
          },  
          "maxPsd": 12.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6405,  
            "lowFrequency": 6385  
          },  
          "maxPsd": 12.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6425,  
            "lowFrequency": 6405  
          },  
          "maxPsd": 21.3  
        },  
      ],  
    },  
  ],  
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 15.2
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 15.2
}
```

```
"maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 19.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```

```
        "lowFrequency": 6805
      },
      "maxPsd": 13.5
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        31.9,
        25.2,
        25.2,
        34.3,
        29.4,
        34.4,
        34.2,
        30.9,
        28.2,
        25.6,
        26.5,
        27.6,
        32.5,
```

```
        25.5,  
        31.2,  
        26.5  
    ]  
  },  
  {  
    "channelCfi": [  
      83,  
      91,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      28.2,  
      28.2,  
      32.4,  
      33.9,  
      28.6,  
      29.5,  
      28.5,  
      29.5  
    ]  
  },  
  {  
    "channelCfi": [  
      87,  
      135,  
      151,  
      167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      31.2,  
      35.4,  
      31.6,
```

```
        31.5
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        34.6
      ]
    }
  ],
  "requestId": "83304500",
  "availabilityExpireTime": "2025-11-15T18:08:09Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:08:10Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83449077",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
```

```
"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": 8.0,  
    "heightType": "AMSL",  
    "verticalUncertainty": 8  
  },  
  "indoorDeployment": 2  
},  
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
    ]  
  }  
]
```


9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:08:10Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
          },
          "maxPsd": 18.9
        },
        {

```

```
"frequencyRange": {
  "highFrequency": 6385,
  "lowFrequency": 6365
},
"maxPsd": 12.2
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 12.2
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 21.2
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6665,  
        "lowFrequency": 6645  
      },  
      "maxPsd": 17.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 15.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 12.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 13.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 14.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745
```

```
    },
    "maxPsd": 19.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 12.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 18.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 13.5
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      81,
      85,
      89,
      93,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157,
```

```
    161,  
    165,  
    169,  
    173  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    31.9,  
    25.2,  
    25.2,  
    34.3,  
    29.4,  
    34.4,  
    34.2,  
    30.9,  
    28.2,  
    25.6,  
    26.5,  
    27.6,  
    32.5,  
    25.5,  
    31.2,  
    26.5  
  ]  
},  
{  
  "channelCfi": [  
    83,  
    91,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    28.2,  
    28.2,
```

```
        32.4,  
        33.9,  
        28.6,  
        29.5,  
        28.5,  
        29.5  
    ]  
  },  
  {  
    "channelCfi": [  
      87,  
      135,  
      151,  
      167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      31.2,  
      35.4,  
      31.6,  
      31.5  
    ]  
  },  
  {  
    "channelCfi": [  
      143  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      34.6  
    ]  
  }  
],  
"requestId": "83449077",  
"availabilityExpireTime": "2025-11-15T18:08:10Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```


2025-11-14T18:15:42Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83353658",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

```
      89,  
      93,  
      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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}
```

```
}
}

##### 2025-11-14T18:15:42Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.5
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 17.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 21.0
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 20.0
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.9
}
```

```
"maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 19.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 9.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 12.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 13.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
```



```
17,  
21,  
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  33.5,  
  21.2,  
  30.0,  
  34.0,  
  34.2,  
  33.0,  
  23.6,  
  26.0,  
  33.9,  
  30.6,  
  28.7,  
  24.4,  
  33.3,  
  30.5,  
  22.1,  
  32.1,  
  22.5,  
  25.3,  
  23.1,  
  26.0  
]
```

```
    },  
    {  
      "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75  
      ],  
      "globalOperatingClass": 132,  
      "maxEirp": [  
        24.2,  
        33.0,  
        36.0,  
        26.6,  
        33.6,  
        27.4,  
        33.5,  
        25.1,  
        25.5,  
        26.1  
      ]  
    },  
    {  
      "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71  
      ],  
      "globalOperatingClass": 133,  
      "maxEirp": [  
        27.2,  
        29.6,
```

```
        30.4,
        28.1,
        28.5
      ],
    },
    {
      "channelCfi": [
        15,
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.2,
        31.1
      ]
    },
    {
      "channelCfi": [
        31
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        33.3
      ]
    }
  ],
  "requestId": "83353658",
  "availabilityExpireTime": "2025-11-15T18:15:42Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:15:43Z

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

```
"X-Forwarded-For": "192.168.5.163",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1258",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83499499",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
```

```
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
          89,
          93,
          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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

```
##### 2025-11-14T18:15:43Z #####
{
  "availableSpectrumInquiryResponses": [
    {
```

```
"response": {
  "responseCode": 0,
  "shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 20.5
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 8.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 17.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 21.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 21.2
  },
]
```



```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 20.0
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  },
```

```
"maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
```

```
        "lowFrequency": 6265
      },
      "maxPsd": 9.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 12.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 13.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
```

```
    45,  
    49,  
    53,  
    57,  
    61,  
    65,  
    69,  
    73,  
    77  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    33.5,  
    21.2,  
    30.0,  
    34.0,  
    34.2,  
    33.0,  
    23.6,  
    26.0,  
    33.9,  
    30.6,  
    28.7,  
    24.4,  
    33.3,  
    30.5,  
    22.1,  
    32.1,  
    22.5,  
    25.3,  
    23.1,  
    26.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,
```

```
        35,
        43,
        51,
        59,
        67,
        75
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        24.2,
        33.0,
        36.0,
        26.6,
        33.6,
        27.4,
        33.5,
        25.1,
        25.5,
        26.1
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55,
        71
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.2,
        29.6,
        30.4,
        28.1,
        28.5
    ]
},
{
    "channelCfi": [
```

```
        15,
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.2,
        31.1
      ]
    },
    {
      "channelCfi": [
        31
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        33.3
      ]
    }
  ],
  "requestId": "83499499",
  "availabilityExpireTime": "2025-11-15T18:15:43Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

```
##### 2025-11-14T18:24:48Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "83504324",
    "deviceDescriptor": {
      "serialNumber": "353000151",
      "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ]
  }
],
```

```
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:24:48Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 20.5
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 20.0
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 15.7
}
```

```
"maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 12.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 13.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
    73,  
    77  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    33.5,  
    21.2,  
    30.0,  
    34.0,  
    34.2,  
    33.0,  
    23.6,  
    26.0,  
    33.9,  
    30.6,  
    28.7,  
    24.4,  
    33.3,  
    30.5,  
    22.1,  
    32.1,  
    22.5,  
    25.3,  
    23.1,  
    26.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75  
  ],
```

```
"globalOperatingClass": 132,  
"maxEirp": [  
  24.2,  
  33.0,  
  36.0,  
  26.6,  
  33.6,  
  27.4,  
  33.5,  
  25.1,  
  25.5,  
  26.1  
]  
},  
{  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    27.2,  
    29.6,  
    30.4,  
    28.1,  
    28.5  
  ],  
},  
{  
  "channelCfi": [  
    15,  
    47  
  ],  
  "globalOperatingClass": 134,  
  "maxEirp": [  
    30.2,  
    31.1
```



```
    ]
  },
  {
    "channelCfi": [
      31
    ],
    "globalOperatingClass": 137,
    "maxEirp": [
      33.3
    ]
  }
],
"requestId": "83504324",
"availabilityExpireTime": "2025-11-15T18:24:48Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:24:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83642580",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
```

13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
        "channelCfi": [
            31,
            63
        ]
    }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:24:49Z

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

```
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 10.6
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 11.4
}
```

```
"maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6325,
```



```
      "lowFrequency": 6305
    },
    "maxPsd": 10.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 13.0
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      33.5,
      21.2,
```

```
    30.0,  
    34.0,  
    34.2,  
    33.0,  
    23.6,  
    26.0,  
    33.9,  
    30.6,  
    28.7,  
    24.4,  
    33.3,  
    30.5,  
    22.1,  
    32.1,  
    22.5,  
    25.3,  
    23.1,  
    26.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    24.2,  
    33.0,  
    36.0,  
    26.6,  
    33.6,
```

```
        27.4,
        33.5,
        25.1,
        25.5,
        26.1
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55,
        71
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.2,
        29.6,
        30.4,
        28.1,
        28.5
    ]
},
{
    "channelCfi": [
        15,
        47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.2,
        31.1
    ]
},
{
    "channelCfi": [
        31
    ],
    "globalOperatingClass": 137,
```

```
        "maxEirp": [
            33.3
        ]
    },
    ],
    "requestId": "83642580",
    "availabilityExpireTime": "2025-11-15T18:24:49Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:27:06Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83513122",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
  "heightType": "AMSL",
  "verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

2025-11-14T18:27:06Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.5
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.2
        },
        {
          "frequencyRange": {
```



```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 13.0
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 15.7
}
```

```
"maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
```

```
        "lowFrequency": 6325
      },
      "maxPsd": 13.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        33.5,
        21.2,
        30.0,
        34.0,
        34.2,
        33.0,
        23.6,
        26.0,
        33.9,
```

```
    30.6,  
    28.7,  
    24.4,  
    33.3,  
    30.5,  
    22.1,  
    32.1,  
    22.5,  
    25.3,  
    23.1,  
    26.0  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    24.2,  
    33.0,  
    36.0,  
    26.6,  
    33.6,  
    27.4,  
    33.5,  
    25.1,  
    25.5,  
    26.1  
  ]  
},
```

```
{
  "channelCfi": [
    7,
    23,
    39,
    55,
    71
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    27.2,
    29.6,
    30.4,
    28.1,
    28.5
  ]
},
{
  "channelCfi": [
    15,
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.2,
    31.1
  ]
},
{
  "channelCfi": [
    31
  ],
  "globalOperatingClass": 137,
  "maxEirp": [
    33.3
  ]
}
],
"requestId": "83513122",
"availabilityExpireTime": "2025-11-15T18:27:06Z",
```

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

##### 2025-11-14T18:27:07Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83655021",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
```



```
        69,  
        73,  
        77,  
        81,  
        85,  
        89,  
        93,  
        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": 137,  
  "channelCfi": [  
    31,  
    63  
  ]  
}
```

```
    }  
  ],  
  "minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-14T18:27:07Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 20.5  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 8.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 17.0  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 13.0
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 20.9
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.5
}
```

```
"maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 13.0
}
],
"availableChannelInfo": [
  {
```

```
"channelCfi": [  
  1,  
  5,  
  9,  
  13,  
  17,  
  21,  
  25,  
  29,  
  33,  
  37,  
  41,  
  45,  
  49,  
  53,  
  57,  
  61,  
  65,  
  69,  
  73,  
  77  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  33.5,  
  21.2,  
  30.0,  
  34.0,  
  34.2,  
  33.0,  
  23.6,  
  26.0,  
  33.9,  
  30.6,  
  28.7,  
  24.4,  
  33.3,  
  30.5,  
  22.1,  
  32.1,
```

```
        22.5,  
        25.3,  
        23.1,  
        26.0  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      24.2,  
      33.0,  
      36.0,  
      26.6,  
      33.6,  
      27.4,  
      33.5,  
      25.1,  
      25.5,  
      26.1  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71
```



```
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      27.2,
      29.6,
      30.4,
      28.1,
      28.5
    ]
  },
  {
    "channelCfi": [
      15,
      47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      30.2,
      31.1
    ]
  },
  {
    "channelCfi": [
      31
    ],
    "globalOperatingClass": 137,
    "maxEirp": [
      33.3
    ]
  }
],
"requestId": "83655021",
"availabilityExpireTime": "2025-11-15T18:27:07Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:27:15Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "259232024",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      }
    }
  }
}
```

```
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
```

```
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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-14T18:27:15Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.5
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 17.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 21.0
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 13.0
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 17.6
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 9.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 9.1
}
```



```
"maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 13.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  33.5,  
  21.2,  
  30.0,  
  34.0,  
  34.2,  
  33.0,  
  23.6,  
  26.0,  
  33.9,  
  30.6,  
  28.7,  
  24.4,  
  33.3,  
  30.5,  
  22.1,  
  32.1,  
  22.5,  
  25.3,  
  23.1,  
  26.0  
]  
},  
{
```

```
"channelCfi": [  
  3,  
  11,  
  19,  
  27,  
  35,  
  43,  
  51,  
  59,  
  67,  
  75  
],  
"globalOperatingClass": 132,  
"maxEirp": [  
  24.2,  
  33.0,  
  36.0,  
  26.6,  
  33.6,  
  27.4,  
  33.5,  
  25.1,  
  25.5,  
  26.1  
]  
},  
{  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    27.2,  
    29.6,  
    30.4,  
    28.1,
```

```
        28.5
      ]
    },
    {
      "channelCfi": [
        15,
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.2,
        31.1
      ]
    },
    {
      "channelCfi": [
        31
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        33.3
      ]
    }
  ],
  "requestId": "259232024",
  "availabilityExpireTime": "2025-11-15T18:27:15Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

1.3.3 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

2025-11-13T20:26:15Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "217905517",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
        "heightType": "AMSL",

```

```
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

```
      89,  
      93,  
      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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}
```



```
}  
}
```

```
##### 2025-11-13T20:26:16Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 20.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 16.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 21.5  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6025,  
            "lowFrequency": 6005  
          },  
          "maxPsd": 19.8  
        },  
      ]  
    },  
  ]  
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 11.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 13.4
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 9.4
}
```

```
"maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 16.5
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```

```
        "lowFrequency": 6805
      },
      "maxPsd": 13.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        33.3,
        29.3,
        34.5,
        32.8,
        24.1,
        23.1,
        29.4,
        26.4,
        22.4,
        33.9,
        29.5,
        32.8,
        33.3,
```

```
        26.1,  
        33.9,  
        26.2  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      83,  
      91,  
      131,  
      139,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      32.3,  
      35.8,  
      26.1,  
      29.4,  
      25.4,  
      32.5,  
      29.1,  
      29.2  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      87,  
      135,  
      167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      35.3,  
      29.1,  
      28.4,
```

```
        32.1
      ]
    }
  ],
  "requestId": "217905517",
  "availabilityExpireTime": "2025-11-14T20:26:16Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-11-13T20:27:19Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "281898120",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
  "heightType": "AMSL",
  "verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
```

```
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
  "channelCfi": [
    31,
    63
  ]
},
"minDesiredPower": 20
}
]
```

2025-11-13T20:27:19Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.3
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 16.3
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 21.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 19.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 11.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 16.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 13.4
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 16.5
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 13.1
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 13.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        33.3,
        29.3,
```

```
        34.5,  
        32.8,  
        24.1,  
        23.1,  
        29.4,  
        26.4,  
        22.4,  
        33.9,  
        29.5,  
        32.8,  
        33.3,  
        26.1,  
        33.9,  
        26.2  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      83,  
      91,  
      131,  
      139,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      32.3,  
      35.8,  
      26.1,  
      29.4,  
      25.4,  
      32.5,  
      29.1,  
      29.2  
    ]  
  },  
  {
```

```
"channelCfi": [
  7,
  87,
  135,
  167
],
"globalOperatingClass": 133,
"maxEirp": [
  35.3,
  29.1,
  28.4,
  32.1
]
}
],
"requestId": "281898120",
"availabilityExpireTime": "2025-11-14T20:27:19Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T20:27:20Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "282036775",
```

```
"deviceDescriptor": {
  "serialNumber": "353000151",
  "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
```


1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-13T20:27:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.3
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 5985,  
        "lowFrequency": 5965  
      },  
      "maxPsd": 16.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6005,  
        "lowFrequency": 5985  
      },  
      "maxPsd": 21.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6025,  
        "lowFrequency": 6005  
      },  
      "maxPsd": 19.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 11.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 10.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385
```

```
    },
    "maxPsd": 16.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 13.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 9.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 20.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 16.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 20.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 13.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        81,
        85,
        89,
        93,
        129,
        133,
```

```
    137,  
    141,  
    161,  
    165,  
    169,  
    173  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    33.3,  
    29.3,  
    34.5,  
    32.8,  
    24.1,  
    23.1,  
    29.4,  
    26.4,  
    22.4,  
    33.9,  
    29.5,  
    32.8,  
    33.3,  
    26.1,  
    33.9,  
    26.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    83,  
    91,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  

```

```
        32.3,
        35.8,
        26.1,
        29.4,
        25.4,
        32.5,
        29.1,
        29.2
      ]
    },
    {
      "channelCfi": [
        7,
        87,
        135,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        35.3,
        29.1,
        28.4,
        32.1
      ]
    }
  ],
  "requestId": "282036775",
  "availabilityExpireTime": "2025-11-14T20:27:20Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-13T20:27:27Z

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



```
"X-Forwarded-For": "192.168.5.163",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "291039573",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
```

```
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
          89,
          93,
          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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

```
##### 2025-11-13T20:27:27Z #####
{
  "availableSpectrumInquiryResponses": [
    {
```

```
"response": {
  "responseCode": 0,
  "shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 20.3
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 16.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 21.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 11.1
  },
]
```

```
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 13.4
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 10.1
}
```

```
"maxPsd": 16.5
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 13.2
}
],
"availableChannelInfo": [
  {
```

```
"channelCfi": [  
  1,  
  5,  
  9,  
  13,  
  81,  
  85,  
  89,  
  93,  
  129,  
  133,  
  137,  
  141,  
  161,  
  165,  
  169,  
  173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  33.3,  
  29.3,  
  34.5,  
  32.8,  
  24.1,  
  23.1,  
  29.4,  
  26.4,  
  22.4,  
  33.9,  
  29.5,  
  32.8,  
  33.3,  
  26.1,  
  33.9,  
  26.2  
]  
},  
{  
  "channelCfi": [  

```



```
    3,
    11,
    83,
    91,
    131,
    139,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    32.3,
    35.8,
    26.1,
    29.4,
    25.4,
    32.5,
    29.1,
    29.2
  ]
},
{
  "channelCfi": [
    7,
    87,
    135,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    35.3,
    29.1,
    28.4,
    32.1
  ]
}
],
"requestId": "291039573",
"availabilityExpireTime": "2025-11-14T20:27:27Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

```
##### 2025-11-13T20:55:55Z #####
```

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.40",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1261",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "1997733330",  
        "deviceDescriptor": {  
          "serialNumber": "2340140652",  
          "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
    "channelCfi": [
        31,
        63
    ]
}
```

```
    ],
    "minDesiredPower": 20
  }
]
}
}
```

2025-11-13T20:55:56Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 21.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 12.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 12.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
```

```
        "lowFrequency": 6085
      },
      "maxPsd": 15.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 13.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 19.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 21.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 8.8
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6225,
  "lowFrequency": 6205
},
"maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.1
```



```
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 11.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 8.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 12.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
```

17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
145,
149,
153,
157
],
"globalOperatingClass": 131,
"maxEirp": [
34.4,
25.0,
25.4,
28.1,
26.4,
32.0,
23.1,
34.2,
21.8,
26.2,
34.1,
23.6,
23.1,
22.6,
30.1,
24.2,
33.9,

```
        26.1,  
        21.2,  
        25.3  
    ]  
  },  
  {  
    "channelCfi": [  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      147,  
      155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      28.0,  
      28.4,  
      29.4,  
      26.1,  
      24.8,  
      26.6,  
      25.6,  
      27.2,  
      29.1,  
      24.2  
    ]  
  },  
  {  
    "channelCfi": [  
      23,  
      39,  
      55,  
      71,  
      151  
    ],  
  },  
}
```

```
"globalOperatingClass": 133,
"maxEirp": [
  31.0,
  29.1,
  27.8,
  28.6,
  27.2
],
},
{
  "channelCfi": [
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.8
  ]
},
],
"requestId": "1997733330",
"availabilityExpireTime": "2025-11-14T20:55:56Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T20:56:06Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "2009385005",
    "deviceDescriptor": {
      "serialNumber": "353000151",
      "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ]
  },
  ]
```

```
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-13T20:56:06Z

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



```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 21.4
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 19.0
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.8
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  },
```

```
"maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 8.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 12.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        145,
        149,
```

```
    153,  
    157  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    34.4,  
    25.0,  
    25.4,  
    28.1,  
    26.4,  
    32.0,  
    23.1,  
    34.2,  
    21.8,  
    26.2,  
    34.1,  
    23.6,  
    23.1,  
    22.6,  
    30.1,  
    24.2,  
    33.9,  
    26.1,  
    21.2,  
    25.3  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    147,  
    155  
  ],  
}
```

```
"globalOperatingClass": 132,
"maxEirp": [
  28.0,
  28.4,
  29.4,
  26.1,
  24.8,
  26.6,
  25.6,
  27.2,
  29.1,
  24.2
]
},
{
  "channelCfi": [
    23,
    39,
    55,
    71,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.0,
    29.1,
    27.8,
    28.6,
    27.2
  ]
},
{
  "channelCfi": [
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.8
  ]
}
```

```
    ],  
    "requestId": "2009385005",  
    "availabilityExpireTime": "2025-11-14T20:56:06Z",  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
  }  
],  
"version": "1.4"  
}
```

2025-11-13T21:04:27Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.163",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1258",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "83442427",  
        "deviceDescriptor": {  
          "serialNumber": "353000151",  
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
```



```
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  

```

```
        31,  
        63  
    ]  
  }  
],  
  "minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-13T21:04:27Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6045,  
            "lowFrequency": 6025  
          },  
          "maxPsd": 21.4  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6065,  
            "lowFrequency": 6045  
          },  
          "maxPsd": 12.0  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6085,  
            "lowFrequency": 6065  
          },  
          "maxPsd": 12.4  
        }  
      ]  
    }  
  ]  
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6105,  
        "lowFrequency": 6085  
      },  
      "maxPsd": 15.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6125,  
        "lowFrequency": 6105  
      },  
      "maxPsd": 13.4  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6145,  
        "lowFrequency": 6125  
      },  
      "maxPsd": 19.0  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6165,  
        "lowFrequency": 6145  
      },  
      "maxPsd": 10.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
      },  
      "maxPsd": 21.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6205,  
        "lowFrequency": 6185
```

```
    },
    "maxPsd": 8.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 13.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 21.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 10.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 10.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 9.6
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 17.1
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 13.1
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 12.3
}
```

```
],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        145,  
        149,  
        153,  
        157  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        34.4,  
        25.0,  
        25.4,  
        28.1,  
        26.4,  
        32.0,  
        23.1,  
        34.2,  
        21.8,  
        26.2,  
        34.1,  
        23.6,  
        23.1,  
      ]  
    }  
  ]  
}
```

```
    22.6,  
    30.1,  
    24.2,  
    33.9,  
    26.1,  
    21.2,  
    25.3  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    28.0,  
    28.4,  
    29.4,  
    26.1,  
    24.8,  
    26.6,  
    25.6,  
    27.2,  
    29.1,  
    24.2  
  ]  
},  
{  
  "channelCfi": [  
    23,  
    39,
```



```
        55,
        71,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.0,
        29.1,
        27.8,
        28.6,
        27.2
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.8
      ]
    }
  ],
  "requestId": "83442427",
  "availabilityExpireTime": "2025-11-14T21:04:27Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

```
##### 2025-11-13T21:04:28Z #####
```

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
"Content-Length": "1258",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83597242",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {

```

```
"lowFrequency": 6525,  
  "highFrequency": 6875  
}  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
```

2025-11-13T21:04:28Z

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

```
    },
    "availableFrequencyInfo": [
      {
        "frequencyRange": {
          "highFrequency": 6045,
          "lowFrequency": 6025
        },
        "maxPsd": 21.4
      },
      {
        "frequencyRange": {
          "highFrequency": 6065,
          "lowFrequency": 6045
        },
        "maxPsd": 12.0
      },
      {
        "frequencyRange": {
          "highFrequency": 6085,
          "lowFrequency": 6065
        },
        "maxPsd": 12.4
      },
      {
        "frequencyRange": {
          "highFrequency": 6105,
          "lowFrequency": 6085
        },
        "maxPsd": 15.1
      },
      {
        "frequencyRange": {
          "highFrequency": 6125,
          "lowFrequency": 6105
        },
        "maxPsd": 13.4
      },
      {
        "frequencyRange": {
          "highFrequency": 6145,
```

```
"lowFrequency": 6125
},
"maxPsd": 19.0
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.8
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.1
},
{
```

```
"frequencyRange": {  
  "highFrequency": 6265,  
  "lowFrequency": 6245  
},  
"maxPsd": 10.6  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6285,  
    "lowFrequency": 6265  
  },  
  "maxPsd": 10.1  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6305,  
    "lowFrequency": 6285  
  },  
  "maxPsd": 9.6  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6325,  
    "lowFrequency": 6305  
  },  
  "maxPsd": 17.1  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6345,  
    "lowFrequency": 6325  
  },  
  "maxPsd": 11.2  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6685,  
    "lowFrequency": 6665  
  },  
  "maxPsd": 20.9
```



```
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 8.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 12.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  34.4,  
  25.0,  
  25.4,  
  28.1,  
  26.4,  
  32.0,  
  23.1,  
  34.2,  
  21.8,  
  26.2,  
  34.1,  
  23.6,  
  23.1,  
  22.6,  
  30.1,  
  24.2,  
  33.9,  
  26.1,  
  21.2,  
  25.3  
]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,
```

```
    75,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    28.0,  
    28.4,  
    29.4,  
    26.1,  
    24.8,  
    26.6,  
    25.6,  
    27.2,  
    29.1,  
    24.2  
  ]  
},  
{  
  "channelCfi": [  
    23,  
    39,  
    55,  
    71,  
    151  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    31.0,  
    29.1,  
    27.8,  
    28.6,  
    27.2  
  ]  
},  
{  
  "channelCfi": [  
    47  
  ],  
  "globalOperatingClass": 134,
```

```
        "maxEirp": [
            30.8
        ]
    },
    ],
    "requestId": "83597242",
    "availabilityExpireTime": "2025-11-14T21:04:28Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T21:05:28Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "82914315",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
  "heightType": "AMSL",
  "verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

2025-11-13T21:05:28Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 21.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 12.0
        },
        {
          "frequencyRange": {
```



```
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 12.4
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 21.2
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.8
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 10.1
}
```

```
"maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.2
},
{
  "frequencyRange": {
    "highFrequency": 6745,
```

```
        "lowFrequency": 6725
      },
      "maxPsd": 12.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        145,
        149,
        153,
        157
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        34.4,
        25.0,
        25.4,
        28.1,
        26.4,
        32.0,
        23.1,
        34.2,
        21.8,
```

```
        26.2,  
        34.1,  
        23.6,  
        23.1,  
        22.6,  
        30.1,  
        24.2,  
        33.9,  
        26.1,  
        21.2,  
        25.3  
    ]  
},  
{  
    "channelCfi": [  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        147,  
        155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        28.0,  
        28.4,  
        29.4,  
        26.1,  
        24.8,  
        26.6,  
        25.6,  
        27.2,  
        29.1,  
        24.2  
    ]  
},
```

```
{
  "channelCfi": [
    23,
    39,
    55,
    71,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.0,
    29.1,
    27.8,
    28.6,
    27.2
  ]
},
{
  "channelCfi": [
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.8
  ]
}
],
"requestId": "82914315",
"availabilityExpireTime": "2025-11-14T21:05:28Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T21:05:29Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.40",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83056668",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
```

```
"lowFrequency": 5945,
"highFrequency": 6425
},
{
  "lowFrequency": 6525,
  "highFrequency": 6875
}
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-13T21:05:29Z

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

```
{
  "response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
  },
  "availableFrequencyInfo": [
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 21.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 12.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 12.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 15.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 13.4
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6145,  
        "lowFrequency": 6125  
      },  
      "maxPsd": 19.0  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6165,  
        "lowFrequency": 6145  
      },  
      "maxPsd": 10.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
      },  
      "maxPsd": 21.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6205,  
        "lowFrequency": 6185  
      },  
      "maxPsd": 8.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6225,  
        "lowFrequency": 6205  
      },  
      "maxPsd": 13.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225
```

```
    },
    "maxPsd": 21.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 10.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 10.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 9.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 17.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 8.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 12.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
```

```
57,  
61,  
65,  
69,  
73,  
77,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  34.4,  
  25.0,  
  25.4,  
  28.1,  
  26.4,  
  32.0,  
  23.1,  
  34.2,  
  21.8,  
  26.2,  
  34.1,  
  23.6,  
  23.1,  
  22.6,  
  30.1,  
  24.2,  
  33.9,  
  26.1,  
  21.2,  
  25.3  
]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,
```

```
    43,
    51,
    59,
    67,
    75,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    28.0,
    28.4,
    29.4,
    26.1,
    24.8,
    26.6,
    25.6,
    27.2,
    29.1,
    24.2
  ]
},
{
  "channelCfi": [
    23,
    39,
    55,
    71,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.0,
    29.1,
    27.8,
    28.6,
    27.2
  ]
},
{
```



```
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.8
      ]
    }
  ],
  "requestId": "83056668",
  "availabilityExpireTime": "2025-11-14T21:05:29Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
},
"version": "1.4"
}
```

2025-11-13T21:06:15Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "191289902",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-13T21:06:16Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 21.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },

```

```
"maxPsd": 12.0
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 15.1
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 13.4
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 19.0
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
```

```
        "lowFrequency": 6165
      },
      "maxPsd": 21.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 8.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 13.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 21.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 10.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 10.1
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6305,
  "lowFrequency": 6285
},
"maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.2
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 12.3  
    }  
  ],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61,  
        65,  
        69,  
        73,  
        77,  
        145,  
        149,  
        153,  
        157  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        34.4,  
        25.0,  
        25.4,  
        28.1,  
        26.4,
```

```
    32.0,  
    23.1,  
    34.2,  
    21.8,  
    26.2,  
    34.1,  
    23.6,  
    23.1,  
    22.6,  
    30.1,  
    24.2,  
    33.9,  
    26.1,  
    21.2,  
    25.3  
  ]  
},  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    28.0,  
    28.4,  
    29.4,  
    26.1,  
    24.8,  
    26.6,  
    25.6,  
    27.2,
```

```
        29.1,
        24.2
      ]
    },
    {
      "channelCfi": [
        23,
        39,
        55,
        71,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.0,
        29.1,
        27.8,
        28.6,
        27.2
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.8
      ]
    }
  ],
  "requestId": "191289902",
  "availabilityExpireTime": "2025-11-14T21:06:15Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

2025-11-13T21:06:20Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "197869826",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      }
    }
  }
}
```

```
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
```

```
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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-13T21:06:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 21.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 12.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 12.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
          },
          "maxPsd": 15.1
        },
        {
          "frequencyRange": {
```



```
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 19.0
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 13.2
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 17.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 17.1
}
```

```
"maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.2
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 12.3
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  34.4,  
  25.0,  
  25.4,  
  28.1,  
  26.4,  
  32.0,  
  23.1,  
  34.2,  
  21.8,  
  26.2,  
  34.1,  
  23.6,  
  23.1,  
  22.6,  
  30.1,  
  24.2,  
  33.9,  
  26.1,  
  21.2,  
  25.3  
]  
},  
{
```

```
"channelCfi": [  
  19,  
  27,  
  35,  
  43,  
  51,  
  59,  
  67,  
  75,  
  147,  
  155  
],  
"globalOperatingClass": 132,  
"maxEirp": [  
  28.0,  
  28.4,  
  29.4,  
  26.1,  
  24.8,  
  26.6,  
  25.6,  
  27.2,  
  29.1,  
  24.2  
]  
},  
{  
  "channelCfi": [  
    23,  
    39,  
    55,  
    71,  
    151  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    31.0,  
    29.1,  
    27.8,  
    28.6,
```

```
        27.2
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.8
      ]
    }
  ],
  "requestId": "197869826",
  "availabilityExpireTime": "2025-11-14T21:06:20Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

1.3.4 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1

2025-11-13T22:06:57Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "873946582",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
        "heightType": "AMSL",

```

```
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```



```
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
```

]

```
}  
}
```

```
##### 2025-11-13T22:06:57Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 14.4  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6145,  
            "lowFrequency": 6125  
          },  
          "maxPsd": 17.5  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6165,  
            "lowFrequency": 6145  
          },  
          "maxPsd": 9.4  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6185,  
            "lowFrequency": 6165  
          },  
          "maxPsd": 11.4  
        },  
      ],  
    },  
  ],  
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 18.0
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 16.9
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 11.6
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 18.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 9.4
}
```

```
"maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 15.8
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```

```
        "lowFrequency": 6405
      },
      "maxPsd": 21.5
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        27.4,
        30.5,
        22.4,
        24.4,
        31.0,
        29.9,
        24.6,
        31.1,
        22.4,
        23.4,
        33.2,
        25.5,
        28.8,
```

```
    30.2,
    30.2,
    34.5
  ]
},
{
  "channelCfi": [
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    30.4,
    25.4,
    32.9,
    27.6,
    25.4,
    28.5,
    31.8,
    33.2
  ]
},
{
  "channelCfi": [
    39,
    55,
    71,
    87
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    28.4,
    30.6,
    28.4,
```

```
        34.8
      ]
    },
    {
      "channelCfi": [
        47,
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        31.4,
        31.4
      ]
    },
    {
      "channelCfi": [
        63
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        34.5
      ]
    }
  ],
  "requestId": "873946582",
  "availabilityExpireTime": "2025-11-14T22:06:57Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-13T22:07:03Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
```



```
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "885186113",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    }
  ],
}
```

```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-13T22:07:03Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 14.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 17.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 9.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 11.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 18.0
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 18.1
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 9.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 20.2
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 15.8
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 21.5
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
```

```
    37,  
    41,  
    45,  
    49,  
    53,  
    57,  
    61,  
    65,  
    69,  
    73,  
    77,  
    81,  
    85,  
    89,  
    93  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    27.4,  
    30.5,  
    22.4,  
    24.4,  
    31.0,  
    29.9,  
    24.6,  
    31.1,  
    22.4,  
    23.4,  
    33.2,  
    25.5,  
    28.8,  
    30.2,  
    30.2,  
    34.5  
  ]  
},  
{  
  "channelCfi": [  
    35,  
    43,
```



```
    51,  
    59,  
    67,  
    75,  
    83,  
    91  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    30.4,  
    25.4,  
    32.9,  
    27.6,  
    25.4,  
    28.5,  
    31.8,  
    33.2  
  ]  
},  
{  
  "channelCfi": [  
    39,  
    55,  
    71,  
    87  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    28.4,  
    30.6,  
    28.4,  
    34.8  
  ]  
},  
{  
  "channelCfi": [  
    47,  
    79  
  ],  
  "globalOperatingClass": 134,
```

```

        "maxEirp": [
            31.4,
            31.4
        ]
    },
    {
        "channelCfi": [
            63
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            34.5
        ]
    }
],
"requestId": "885186113",
"availabilityExpireTime": "2025-11-14T22:07:03Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2025-11-13T22:13:27Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "/*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.5.40",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1261",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "1263963127",

```

```
"deviceDescriptor": {
  "serialNumber": "2340140652",
  "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
```

1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-13T22:13:27Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 13.3
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 5985,  
        "lowFrequency": 5965  
      },  
      "maxPsd": 20.0  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6005,  
        "lowFrequency": 5985  
      },  
      "maxPsd": 11.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6025,  
        "lowFrequency": 6005  
      },  
      "maxPsd": 19.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6045,  
        "lowFrequency": 6025  
      },  
      "maxPsd": 19.4  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6065,  
        "lowFrequency": 6045  
      },  
      "maxPsd": 21.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065
```

```
    },
    "maxPsd": 17.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 19.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 8.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 15.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 10.4
  },
  {
    "frequencyRange": {
```



```
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 9.6
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 17.6
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            129,
            133,
```

```
    137,  
    141,  
    145,  
    149,  
    153,  
    157  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    26.3,  
    33.0,  
    24.3,  
    32.5,  
    32.4,  
    34.6,  
    30.7,  
    32.6,  
    21.6,  
    28.6,  
    24.2,  
    23.4,  
    25.6,  
    22.6,  
    21.3,  
    30.6  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    131,  
    139,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  

```

```
        29.3,
        27.3,
        35.4,
        33.7,
        24.6,
        26.4,
        25.6,
        24.3
      ]
    },
    {
      "channelCfi": [
        7,
        23,
        135,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        30.3,
        36.0,
        27.6,
        27.3
      ]
    },
    {
      "channelCfi": [
        15,
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        33.3,
        30.3
      ]
    }
  ],
  "requestId": "1263963127",
  "availabilityExpireTime": "2025-11-14T22:13:27Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

```
##### 2025-11-13T22:13:31Z #####
```

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.163",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1260",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "1273120565",  
        "deviceDescriptor": {  
          "serialNumber": "353000151",  
          "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
    "channelCfi": [
        31,
        63
    ]
}
```

```
    ],  
    "minDesiredPower": 20  
  }  
]  
}  
}
```

2025-11-13T22:13:31Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 13.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 20.0  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 11.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6025,
```



```
        "lowFrequency": 6005
      },
      "maxPsd": 19.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 19.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 21.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 17.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 19.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 8.6
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6625,
  "lowFrequency": 6605
},
"maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.3
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 17.6  
    }  
  ],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        26.3,  
        33.0,  
        24.3,  
        32.5,  
        32.4,  
        34.6,  
        30.7,  
        32.6,  
        21.6,
```

```
      28.6,  
      24.2,  
      23.4,  
      25.6,  
      22.6,  
      21.3,  
      30.6  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      131,  
      139,  
      147,  
      155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      29.3,  
      27.3,  
      35.4,  
      33.7,  
      24.6,  
      26.4,  
      25.6,  
      24.3  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      23,  
      135,  
      151  
    ],  
    "globalOperatingClass": 133,
```

```
        "maxEirp": [
            30.3,
            36.0,
            27.6,
            27.3
        ]
    },
    {
        "channelCfi": [
            15,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            33.3,
            30.3
        ]
    }
],
"requestId": "1273120565",
"availabilityExpireTime": "2025-11-14T22:13:31Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T22:18:58Z #####
```

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.5.163",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1258",
        "Connection": "Keep-Alive"
    },
    "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "84681588",
    "deviceDescriptor": {
      "serialNumber": "353000151",
      "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],

```

```
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

2025-11-13T22:18:58Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 13.3
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 19.4
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 21.6
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 17.7
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 19.6
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 8.6
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  },
```

```
"maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.3
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 17.6
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,
29,
129,
133,
137,
141,
145,
149,
153,
157
],
"globalOperatingClass": 131,
"maxEirp": [
  26.3,
  33.0,
  24.3,
  32.5,
  32.4,
  34.6,
  30.7,
  32.6,
  21.6,
  28.6,
  24.2,
  23.4,
  25.6,
  22.6,
  21.3,
  30.6
]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    131,
    139,
    147,
```

```
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    29.3,
    27.3,
    35.4,
    33.7,
    24.6,
    26.4,
    25.6,
    24.3
  ]
},
{
  "channelCfi": [
    7,
    23,
    135,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    30.3,
    36.0,
    27.6,
    27.3
  ]
},
{
  "channelCfi": [
    15,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    33.3,
    30.3
  ]
}
```

```
    ],
    "requestId": "84681588",
    "availabilityExpireTime": "2025-11-14T22:18:58Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

```
##### 2025-11-13T22:19:00Z #####
```

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84843707",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
```



```
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  

```

```
        31,  
        63  
    ]  
  }  
],  
  "minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-13T22:19:00Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 13.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 20.0  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 11.3  
        }  
      ]  
    }  
  ]  
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6025,  
        "lowFrequency": 6005  
      },  
      "maxPsd": 19.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6045,  
        "lowFrequency": 6025  
      },  
      "maxPsd": 19.4  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6065,  
        "lowFrequency": 6045  
      },  
      "maxPsd": 21.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065  
      },  
      "maxPsd": 17.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6105,  
        "lowFrequency": 6085  
      },  
      "maxPsd": 19.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6605,  
        "lowFrequency": 6585
```

```
    },  
    "maxPsd": 8.6  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6625,  
      "lowFrequency": 6605  
    },  
    "maxPsd": 15.6  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6645,  
      "lowFrequency": 6625  
    },  
    "maxPsd": 11.2  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6665,  
      "lowFrequency": 6645  
    },  
    "maxPsd": 10.4  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6685,  
      "lowFrequency": 6665  
    },  
    "maxPsd": 12.6  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6705,  
      "lowFrequency": 6685  
    },  
    "maxPsd": 9.6  
  },  
  {  
    "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 8.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 17.6
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157
      ]
    }
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    26.3,
    33.0,
    24.3,
    32.5,
    32.4,
```

```
        34.6,  
        30.7,  
        32.6,  
        21.6,  
        28.6,  
        24.2,  
        23.4,  
        25.6,  
        22.6,  
        21.3,  
        30.6  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      131,  
      139,  
      147,  
      155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      29.3,  
      27.3,  
      35.4,  
      33.7,  
      24.6,  
      26.4,  
      25.6,  
      24.3  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      23,
```

```
        135,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        30.3,
        36.0,
        27.6,
        27.3
    ]
},
{
    "channelCfi": [
        15,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        33.3,
        30.3
    ]
}
],
"requestId": "84843707",
"availabilityExpireTime": "2025-11-14T22:19:00Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T22:19:56Z #####
```

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
```



```
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83045191",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {

```

```
"lowFrequency": 6525,
"highFrequency": 6875
}
],
"inquiredChannels": [
{
"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-13T22:19:56Z

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

```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 13.3
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 20.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 11.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 19.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 19.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
```

```
        "lowFrequency": 6045
      },
      "maxPsd": 21.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 17.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 19.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 8.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 15.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.2
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6665,
  "lowFrequency": 6645
},
"maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.3
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 17.6
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
```

```
    9,
    13,
    17,
    21,
    25,
    29,
    129,
    133,
    137,
    141,
    145,
    149,
    153,
    157
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    26.3,
    33.0,
    24.3,
    32.5,
    32.4,
    34.6,
    30.7,
    32.6,
    21.6,
    28.6,
    24.2,
    23.4,
    25.6,
    22.6,
    21.3,
    30.6
  ]
},
{
  "channelCfi": [
    3,
    11,
    19,
```



```
    27,
    131,
    139,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    29.3,
    27.3,
    35.4,
    33.7,
    24.6,
    26.4,
    25.6,
    24.3
  ]
},
{
  "channelCfi": [
    7,
    23,
    135,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    30.3,
    36.0,
    27.6,
    27.3
  ]
},
{
  "channelCfi": [
    15,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
```

```
        33.3,
        30.3
      ]
    }
  ],
  "requestId": "83045191",
  "availabilityExpireTime": "2025-11-14T22:19:56Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-13T22:19:57Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83184704",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
  "heightType": "AMSL",
  "verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

2025-11-13T22:19:57Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 13.3
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 20.0
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 11.3
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 19.4
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 21.6
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 19.6
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 8.6
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 12.6
}
```



```
"maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.3
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 17.6
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157
    ]
  },
  "globalOperatingClass": 131,
  "maxEirp": [
    26.3,
```

```
    33.0,
    24.3,
    32.5,
    32.4,
    34.6,
    30.7,
    32.6,
    21.6,
    28.6,
    24.2,
    23.4,
    25.6,
    22.6,
    21.3,
    30.6
  ]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    131,
    139,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    29.3,
    27.3,
    35.4,
    33.7,
    24.6,
    26.4,
    25.6,
    24.3
  ]
},
```

```
{
  "channelCfi": [
    7,
    23,
    135,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    30.3,
    36.0,
    27.6,
    27.3
  ]
},
{
  "channelCfi": [
    15,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    33.3,
    30.3
  ]
}
],
"requestId": "83184704",
"availabilityExpireTime": "2025-11-14T22:19:57Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-13T22:20:04Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",

```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.40",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1260",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "151613323",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
```

```
"lowFrequency": 5945,
"highFrequency": 6425
},
{
  "lowFrequency": 6525,
  "highFrequency": 6875
}
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-13T22:20:04Z

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

```
{
  "response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
  },
  "availableFrequencyInfo": [
    {
      "frequencyRange": {
        "highFrequency": 5965,
        "lowFrequency": 5945
      },
      "maxPsd": 13.3
    },
    {
      "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
      },
      "maxPsd": 20.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 11.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 19.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 19.4
    }
  ]
}
```



```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6065,  
        "lowFrequency": 6045  
      },  
      "maxPsd": 21.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065  
      },  
      "maxPsd": 17.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6105,  
        "lowFrequency": 6085  
      },  
      "maxPsd": 19.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6605,  
        "lowFrequency": 6585  
      },  
      "maxPsd": 8.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6625,  
        "lowFrequency": 6605  
      },  
      "maxPsd": 15.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6645,  
        "lowFrequency": 6625
```

```
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 10.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 12.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 9.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 8.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 17.6
  }
],
"availableChannelInfo": [
```

```
{
  "channelCfi": [
    1,
    5,
    9,
    13,
    17,
    21,
    25,
    29,
    129,
    133,
    137,
    141,
    145,
    149,
    153,
    157
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    26.3,
    33.0,
    24.3,
    32.5,
    32.4,
    34.6,
    30.7,
    32.6,
    21.6,
    28.6,
    24.2,
    23.4,
    25.6,
    22.6,
    21.3,
    30.6
  ]
},
{
```

```
"channelCfi": [  
  3,  
  11,  
  19,  
  27,  
  131,  
  139,  
  147,  
  155  
],  
"globalOperatingClass": 132,  
"maxEirp": [  
  29.3,  
  27.3,  
  35.4,  
  33.7,  
  24.6,  
  26.4,  
  25.6,  
  24.3  
]  
},  
{  
  "channelCfi": [  
    7,  
    23,  
    135,  
    151  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    30.3,  
    36.0,  
    27.6,  
    27.3  
  ]  
},  
{  
  "channelCfi": [  
    15,
```

```
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        33.3,
        30.3
      ]
    }
  ],
  "requestId": "151613323",
  "availabilityExpireTime": "2025-11-14T22:20:04Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-13T22:20:16Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "163471371",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-13T22:20:16Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 13.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 13.3  
        }  
      ]  
    }  
  ]  
}
```

```
"maxPsd": 20.0
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 11.3
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 19.5
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 19.4
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 21.6
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 17.7
},
{
  "frequencyRange": {
    "highFrequency": 6105,
```

```
"lowFrequency": 6085
},
"maxPsd": 19.6
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 8.6
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 12.6
},
{
```

```
"frequencyRange": {
  "highFrequency": 6705,
  "lowFrequency": 6685
},
"maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.3
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 17.6
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157
```

```
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      26.3,  
      33.0,  
      24.3,  
      32.5,  
      32.4,  
      34.6,  
      30.7,  
      32.6,  
      21.6,  
      28.6,  
      24.2,  
      23.4,  
      25.6,  
      22.6,  
      21.3,  
      30.6  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      131,  
      139,  
      147,  
      155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      29.3,  
      27.3,  
      35.4,  
      33.7,  
      24.6,  
      26.4,
```

```
        25.6,
        24.3
      ]
    },
    {
      "channelCfi": [
        7,
        23,
        135,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        30.3,
        36.0,
        27.6,
        27.3
      ]
    },
    {
      "channelCfi": [
        15,
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        33.3,
        30.3
      ]
    }
  ],
  "requestId": "163471371",
  "availabilityExpireTime": "2025-11-14T22:20:16Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

1.3.5 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1

2025-11-14T18:44:30Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "222674140",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
        "heightType": "AMSL",
```

```
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```



```
      89,  
      93,  
      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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}
```

```
}  
}
```

```
##### 2025-11-14T18:44:31Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 18.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 15.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 12.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6025,  
            "lowFrequency": 6005  
          },  
          "maxPsd": 15.2  
        },  
      ]  
    },  
  ]  
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 18.3
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 7.1
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 6.5
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 16.8
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 11.2
}
```

```
"maxPsd": 16.2
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 19.2
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.9
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 10.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 9.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        31.9,
        28.2,
        25.1,
        28.2,
        31.3,
        20.1,
        19.5,
        29.8,
        24.2,
        29.2,
        32.2,
        28.5,
        23.9,
```

```
        22.3,  
        23.5,  
        22.2  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      31.2,  
      28.1,  
      23.1,  
      22.5,  
      27.2,  
      31.5,  
      25.3,  
      25.2  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      31.1,  
      25.5,  
      30.2,
```

```
        28.2
      ]
    },
    {
      "channelCfi": [
        15,
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        28.5,
        31.2
      ]
    },
    {
      "channelCfi": [
        31
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        31.6
      ]
    }
  ],
  "requestId": "222674140",
  "availabilityExpireTime": "2025-11-15T18:44:31Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:44:36Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
```



```
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "224327141",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    }
  ],
}
```

```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
    "channelCfi": [
        31,
        63
    ]
}
],
"minDesiredPower": 20
}
]
}
}

##### 2025-11-14T18:44:36Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 18.9
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 15.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 12.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 15.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 18.3
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 7.1
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 6.5
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 16.8
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 19.2
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.9
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 10.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 9.2
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
```

```
5,  
9,  
13,  
17,  
21,  
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  31.9,  
  28.2,  
  25.1,  
  28.2,  
  31.3,  
  20.1,  
  19.5,  
  29.8,  
  24.2,  
  29.2,  
  32.2,  
  28.5,  
  23.9,  
  22.3,  
  23.5,  
  22.2  
]  
},  
{  
  "channelCfi": [  
    3,  
    11,
```



```
    19,
    27,
    35,
    43,
    51,
    59
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    31.2,
    28.1,
    23.1,
    22.5,
    27.2,
    31.5,
    25.3,
    25.2
  ]
},
{
  "channelCfi": [
    7,
    23,
    39,
    55
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.1,
    25.5,
    30.2,
    28.2
  ]
},
{
  "channelCfi": [
    15,
    47
  ],
  "globalOperatingClass": 134,
```

```

        "maxEirp": [
            28.5,
            31.2
        ],
    },
    {
        "channelCfi": [
            31
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            31.6
        ]
    }
],
"requestId": "224327141",
"availabilityExpireTime": "2025-11-15T18:44:36Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2025-11-14T18:45:08Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "Accept": "*/*",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.5.163",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1259",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "256345035",

```

```
"deviceDescriptor": {
  "serialNumber": "353000151",
  "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
```

1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:45:08Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 18.9
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 5985,  
        "lowFrequency": 5965  
      },  
      "maxPsd": 15.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6005,  
        "lowFrequency": 5985  
      },  
      "maxPsd": 12.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6025,  
        "lowFrequency": 6005  
      },  
      "maxPsd": 15.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6045,  
        "lowFrequency": 6025  
      },  
      "maxPsd": 18.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6065,  
        "lowFrequency": 6045  
      },  
      "maxPsd": 7.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065
```

```
    },
    "maxPsd": 6.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 16.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 16.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 19.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 15.5
  },
  {
    "frequencyRange": {
```



```
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 10.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 9.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 10.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 9.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
```

```
    41,  
    45,  
    49,  
    53,  
    57,  
    61  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    31.9,  
    28.2,  
    25.1,  
    28.2,  
    31.3,  
    20.1,  
    19.5,  
    29.8,  
    24.2,  
    29.2,  
    32.2,  
    28.5,  
    23.9,  
    22.3,  
    23.5,  
    22.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  

```

```
        31.2,
        28.1,
        23.1,
        22.5,
        27.2,
        31.5,
        25.3,
        25.2
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        31.1,
        25.5,
        30.2,
        28.2
    ]
},
{
    "channelCfi": [
        15,
        47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        28.5,
        31.2
    ]
},
{
    "channelCfi": [
        31
    ],
    ],
```

```
      "globalOperatingClass": 137,
      "maxEirp": [
        31.6
      ]
    },
    ],
    "requestId": "256345035",
    "availabilityExpireTime": "2025-11-15T18:45:08Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

##### 2025-11-14T18:53:31Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "762974626",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
```

```
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:53:31Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 6.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 0.7
        }
      ]
    }
  ]
}
```



```
"frequencyRange": {
  "highFrequency": 6165,
  "lowFrequency": 6145
},
"maxPsd": 6.8
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 2.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 1.5
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 5.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 4.4
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 2.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 5.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": -0.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
      },  
      "maxPsd": 6.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 5.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365
```

```
    },
    "maxPsd": 7.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 10.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 5.0
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93
    ]
  }
],
"globalOperatingClass": 131,
"maxEirp": [
```

```
    19.8,
    13.7,
    19.8,
    15.7,
    14.5,
    18.7,
    12.5,
    17.4,
    15.6,
    18.5,
    12.2,
    19.9,
    18.1,
    20.9,
    23.6,
    18.0
  ]
},
{
  "channelCfi": [
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    16.7,
    18.7,
    17.5,
    15.5,
    18.6,
    15.2,
    21.1,
    21.0
  ]
}
```

```
    },
    {
      "channelCfi": [
        39,
        55,
        71,
        87
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        19.7,
        18.5,
        18.2,
        24.0
      ]
    },
    {
      "channelCfi": [
        47,
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        21.5,
        21.2
      ]
    },
    {
      "channelCfi": [
        63
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        24.3
      ]
    }
  ],
  "requestId": "762974626",
  "availabilityExpireTime": "2025-11-15T18:53:31Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

```
##### 2025-11-14T18:53:36Z #####
```

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.163",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1259",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "764777940",  
        "deviceDescriptor": {  
          "serialNumber": "353000151",  
          "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
    "channelCfi": [
        31,
        63
    ]
}
```

```
    ],
    "minDesiredPower": 20
  }
]
}
}
```

2025-11-14T18:53:36Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 6.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 0.7
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 6.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
```

```
    "lowFrequency": 6165
  },
  "maxPsd": 2.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 1.5
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 5.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 4.4
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 2.6
},
{
```

```
"frequencyRange": {
  "highFrequency": 6305,
  "lowFrequency": 6285
},
"maxPsd": 5.5
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": -0.8
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 6.9
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 5.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 7.9
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.6
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 5.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        19.8,
        13.7,
        19.8,
        15.7,
        14.5,
        18.7,
        12.5,
        17.4,
        15.6,
```

```
    18.5,  
    12.2,  
    19.9,  
    18.1,  
    20.9,  
    23.6,  
    18.0  
  ]  
},  
{  
  "channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    16.7,  
    18.7,  
    17.5,  
    15.5,  
    18.6,  
    15.2,  
    21.1,  
    21.0  
  ]  
},  
{  
  "channelCfi": [  
    39,  
    55,  
    71,  
    87  
  ],  
  "globalOperatingClass": 133,
```

```
"maxEirp": [
  19.7,
  18.5,
  18.2,
  24.0
],
},
{
  "channelCfi": [
    47,
    79
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    21.5,
    21.2
  ]
},
{
  "channelCfi": [
    63
  ],
  "globalOperatingClass": 137,
  "maxEirp": [
    24.3
  ]
}
],
"requestId": "764777940",
"availabilityExpireTime": "2025-11-15T18:53:36Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:57:06Z

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

```
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.163",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1258",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83399640",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
```



```
{
  "lowFrequency": 5945,
  "highFrequency": 6425
},
{
  "lowFrequency": 6525,
  "highFrequency": 6875
}
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
```

```
##### 2025-11-14T18:57:06Z #####
{
```

```
"availableSpectrumInquiryResponses": [
  {
    "response": {
      "responseCode": 0,
      "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
      {
        "frequencyRange": {
          "highFrequency": 6125,
          "lowFrequency": 6105
        },
        "maxPsd": 6.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6145,
          "lowFrequency": 6125
        },
        "maxPsd": 0.7
      },
      {
        "frequencyRange": {
          "highFrequency": 6165,
          "lowFrequency": 6145
        },
        "maxPsd": 6.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6185,
          "lowFrequency": 6165
        },
        "maxPsd": 2.7
      },
      {
        "frequencyRange": {
          "highFrequency": 6205,
          "lowFrequency": 6185
        },
      },
    ]
  }
]
```

```
"maxPsd": 1.5
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 5.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 4.4
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 2.6
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 5.5
},
{
  "frequencyRange": {
    "highFrequency": 6325,
```

```
        "lowFrequency": 6305
      },
      "maxPsd": -0.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 6.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 5.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 7.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 10.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 5.0
    }
  ],
```

```
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      19.8,  
      13.7,  
      19.8,  
      15.7,  
      14.5,  
      18.7,  
      12.5,  
      17.4,  
      15.6,  
      18.5,  
      12.2,  
      19.9,  
      18.1,  
      20.9,  
      23.6,  
      18.0  
    ]  
  },  
]
```

```
{
  "channelCfi": [
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    16.7,
    18.7,
    17.5,
    15.5,
    18.6,
    15.2,
    21.1,
    21.0
  ]
},
{
  "channelCfi": [
    39,
    55,
    71,
    87
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    19.7,
    18.5,
    18.2,
    24.0
  ]
},
{
  "channelCfi": [
```



```
        47,
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        21.5,
        21.2
      ]
    },
    {
      "channelCfi": [
        63
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        24.3
      ]
    }
  ],
  "requestId": "83399640",
  "availabilityExpireTime": "2025-11-15T18:57:06Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T18:57:08Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "83542696",
    "deviceDescriptor": {
      "serialNumber": "353000151",
      "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],

```

```
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:57:08Z

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

```
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 6.8
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 0.7
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 6.8
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 2.7
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 1.5
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 5.7
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 4.4
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 2.6
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 5.5
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": -0.8
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": -0.8
}
```

```
"maxPsd": 6.9
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 5.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 7.9
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 5.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
```



```
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  19.8,  
  13.7,  
  19.8,  
  15.7,  
  14.5,  
  18.7,  
  12.5,  
  17.4,  
  15.6,  
  18.5,  
  12.2,  
  19.9,  
  18.1,  
  20.9,  
  23.6,  
  18.0  
]  
},  
{  
  "channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,
```

```
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    16.7,
    18.7,
    17.5,
    15.5,
    18.6,
    15.2,
    21.1,
    21.0
  ]
},
{
  "channelCfi": [
    39,
    55,
    71,
    87
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    19.7,
    18.5,
    18.2,
    24.0
  ]
},
{
  "channelCfi": [
    47,
    79
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    21.5,
    21.2
  ]
},
},
```

```
{
  "channelCfi": [
    63
  ],
  "globalOperatingClass": 137,
  "maxEirp": [
    24.3
  ]
},
"requestId": "83542696",
"availabilityExpireTime": "2025-11-15T18:57:08Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T18:58:04Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83874247",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
```

```
21,  
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    135,  
    151,  
    167  
  ]  
}
```

```
        15,
        47,
        79,
        143
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:58:04Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 6.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 0.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 6.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 2.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 1.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 5.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": -0.5
  },
  {
    "frequencyRange": {
```



```
        "highFrequency": 6265,  
        "lowFrequency": 6245  
    },  
    "maxPsd": 4.4  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
    },  
    "maxPsd": 2.6  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
    },  
    "maxPsd": 5.5  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
    },  
    "maxPsd": -0.8  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
    },  
    "maxPsd": 6.9  
},  
{  
    "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
    },  
    "maxPsd": 5.1  
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 7.9
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 5.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
```

```
    93
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    19.8,
    13.7,
    19.8,
    15.7,
    14.5,
    18.7,
    12.5,
    17.4,
    15.6,
    18.5,
    12.2,
    19.9,
    18.1,
    20.9,
    23.6,
    18.0
  ]
},
{
  "channelCfi": [
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    16.7,
    18.7,
    17.5,
    15.5,
    18.6,
```

```
        15.2,  
        21.1,  
        21.0  
    ]  
  },  
  {  
    "channelCfi": [  
      39,  
      55,  
      71,  
      87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      19.7,  
      18.5,  
      18.2,  
      24.0  
    ]  
  },  
  {  
    "channelCfi": [  
      47,  
      79  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      21.5,  
      21.2  
    ]  
  },  
  {  
    "channelCfi": [  
      63  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
      24.3  
    ]  
  }  
}
```

```
    ],
    "requestId": "83874247",
    "availabilityExpireTime": "2025-11-15T18:58:04Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

```
##### 2025-11-14T18:58:05Z #####
```

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84016127",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
```

```
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  

```



```
        31,  
        63  
    ]  
  }  
],  
  "minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-14T18:58:05Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 6.8  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6145,  
            "lowFrequency": 6125  
          },  
          "maxPsd": 0.7  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6165,  
            "lowFrequency": 6145  
          },  
          "maxPsd": 6.8  
        }  
      ]  
    }  
  ]  
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 2.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 1.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 5.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": -0.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 4.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
```

```
    },
    "maxPsd": 2.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 5.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": -0.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 6.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 5.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 7.9
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 10.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 5.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93
      ]
    }
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    19.8,
    13.7,
    19.8,
    15.7,
    14.5,
```

```
    18.7,
    12.5,
    17.4,
    15.6,
    18.5,
    12.2,
    19.9,
    18.1,
    20.9,
    23.6,
    18.0
  ]
},
{
  "channelCfi": [
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    16.7,
    18.7,
    17.5,
    15.5,
    18.6,
    15.2,
    21.1,
    21.0
  ]
},
{
  "channelCfi": [
    39,
    55,
```

```
        71,  
        87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        19.7,  
        18.5,  
        18.2,  
        24.0  
    ]  
  },  
  {  
    "channelCfi": [  
        47,  
        79  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
        21.5,  
        21.2  
    ]  
  },  
  {  
    "channelCfi": [  
        63  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
        24.3  
    ]  
  }  
],  
"requestId": "84016127",  
"availabilityExpireTime": "2025-11-15T18:58:05Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

2025-11-14T18:58:11Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "151765218",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      }
    }
  }
}
```

```
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
```



```
    93,  
    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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}  
]
```

```
}
```

```
##### 2025-11-14T18:58:11Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 6.8  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6145,  
            "lowFrequency": 6125  
          },  
          "maxPsd": 0.7  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6165,  
            "lowFrequency": 6145  
          },  
          "maxPsd": 6.8  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6185,  
            "lowFrequency": 6165  
          },  
          "maxPsd": 2.7  
        },  
        {  

```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 1.5
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 5.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 4.4
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 2.6
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 5.5
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": -0.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
      },  
      "maxPsd": 6.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 5.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 7.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 10.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405
```

```
    },  
    "maxPsd": 5.0  
  }  
],  
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      19.8,  
      13.7,  
      19.8,  
      15.7,  
      14.5,  
      18.7,  
      12.5,  
      17.4,  
      15.6,  
      18.5,  
      12.2,  
      19.9,  
      18.1,  
      20.9,
```

```
        23.6,  
        18.0  
    ]  
  },  
  {  
    "channelCfi": [  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      16.7,  
      18.7,  
      17.5,  
      15.5,  
      18.6,  
      15.2,  
      21.1,  
      21.0  
    ]  
  },  
  {  
    "channelCfi": [  
      39,  
      55,  
      71,  
      87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      19.7,  
      18.5,  
      18.2,  
      24.0
```

```
    ]
  },
  {
    "channelCfi": [
      47,
      79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      21.5,
      21.2
    ]
  },
  {
    "channelCfi": [
      63
    ],
    "globalOperatingClass": 137,
    "maxEirp": [
      24.3
    ]
  }
],
"requestId": "151765218",
"availabilityExpireTime": "2025-11-15T18:58:11Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T18:58:15Z #####
```

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
```



```
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "153688436",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {

```

```
"lowFrequency": 6525,
"highFrequency": 6875
}
],
"inquiredChannels": [
{
"globalOperatingClass": 131,
"channelCfi": [
1,
5,
9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T18:58:15Z

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

```
    },
    "availableFrequencyInfo": [
      {
        "frequencyRange": {
          "highFrequency": 6125,
          "lowFrequency": 6105
        },
        "maxPsd": 6.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6145,
          "lowFrequency": 6125
        },
        "maxPsd": 0.7
      },
      {
        "frequencyRange": {
          "highFrequency": 6165,
          "lowFrequency": 6145
        },
        "maxPsd": 6.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6185,
          "lowFrequency": 6165
        },
        "maxPsd": 2.7
      },
      {
        "frequencyRange": {
          "highFrequency": 6205,
          "lowFrequency": 6185
        },
        "maxPsd": 1.5
      },
      {
        "frequencyRange": {
          "highFrequency": 6225,
```

```
"lowFrequency": 6205
},
"maxPsd": 5.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.5
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 4.4
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 2.6
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 5.5
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": -0.8
},
{
```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 6.9
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 5.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 7.9
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 5.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
```

```
    41,  
    45,  
    49,  
    53,  
    57,  
    61,  
    65,  
    69,  
    73,  
    77,  
    81,  
    85,  
    89,  
    93  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    19.8,  
    13.7,  
    19.8,  
    15.7,  
    14.5,  
    18.7,  
    12.5,  
    17.4,  
    15.6,  
    18.5,  
    12.2,  
    19.9,  
    18.1,  
    20.9,  
    23.6,  
    18.0  
  ]  
},  
{  
  "channelCfi": [  
    35,  
    43,  
    51,
```



```
    59,  
    67,  
    75,  
    83,  
    91  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    16.7,  
    18.7,  
    17.5,  
    15.5,  
    18.6,  
    15.2,  
    21.1,  
    21.0  
  ]  
},  
{  
  "channelCfi": [  
    39,  
    55,  
    71,  
    87  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    19.7,  
    18.5,  
    18.2,  
    24.0  
  ]  
},  
{  
  "channelCfi": [  
    47,  
    79  
  ],  
  "globalOperatingClass": 134,  
  "maxEirp": [  
    19.7,  
    18.5,  
    18.2,  
    24.0  
  ]  
}
```

```
        21.5,  
        21.2  
      ]  
    },  
    {  
      "channelCfi": [  
        63  
      ],  
      "globalOperatingClass": 137,  
      "maxEirp": [  
        24.3  
      ]  
    }  
  ],  
  "requestId": "153688436",  
  "availabilityExpireTime": "2025-11-15T18:58:15Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

1.3.6 CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1

2025-11-14T21:26:11Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2149963378",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",

```

```
"verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

```
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
```

```
}
}

##### 2025-11-14T21:26:11Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "2149963378",
      "availabilityExpireTime": "2025-11-15T21:26:11Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}

##### 2025-11-14T21:27:09Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "2207898597",
        "deviceDescriptor": {
          "serialNumber": "353000151",
```

```
"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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
```


9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T21:27:09Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "2207898597",
      "availabilityExpireTime": "2025-11-15T21:27:09Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

1.3.7 CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1

2025-11-14T21:29:48Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83544168",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

```
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
```

]

```
}  
}
```

```
##### 2025-11-14T21:29:48Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6045,  
            "lowFrequency": 6025  
          },  
          "maxPsd": 19.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6065,  
            "lowFrequency": 6045  
          },  
          "maxPsd": 11.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6085,  
            "lowFrequency": 6065  
          },  
          "maxPsd": 14.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6105,  
            "lowFrequency": 6085  
          },  
          "maxPsd": 17.9  
        },  
      ]  
    },  
  ]  
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 10.1
}
```

```
"maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 19.0
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```

```
        "lowFrequency": 6405
      },
      "maxPsd": 10.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        81,
        85,
        89,
        93
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        32.9,
        24.3,
        27.1,
        30.9,
        22.3,
        33.6,
        25.4,
        27.6,
        23.1,
        29.7,
        23.1,
        26.2,
        32.1,
```

```
        32.0,  
        28.6,  
        23.0  
    ]  
  },  
  {  
    "channelCfi": [  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      83,  
      91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      27.3,  
      30.1,  
      25.3,  
      28.4,  
      26.1,  
      26.1,  
      35.0,  
      26.0  
    ]  
  },  
  {  
    "channelCfi": [  
      23,  
      39,  
      55,  
      87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      30.3,  
      28.3,  
      29.1,
```

```
        29.0
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        31.3
      ]
    }
  ],
  "requestId": "83544168",
  "availabilityExpireTime": "2025-11-15T21:29:48Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T21:29:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83682663",
        "deviceDescriptor": {
          "serialNumber": "353000151",

```

```
"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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
```

9,
13,
17,
21,
25,
29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
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": 137,
  "channelCfi": [
    31,
    63
  ]
}
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-14T21:29:49Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 19.9
        },
        {

```

```
"frequencyRange": {
  "highFrequency": 6065,
  "lowFrequency": 6045
},
"maxPsd": 11.3
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 14.1
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 12.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 14.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 16.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 13.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
```

```
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 19.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 15.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 10.0
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
```

```
      81,  
      85,  
      89,  
      93  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      32.9,  
      24.3,  
      27.1,  
      30.9,  
      22.3,  
      33.6,  
      25.4,  
      27.6,  
      23.1,  
      29.7,  
      23.1,  
      26.2,  
      32.1,  
      32.0,  
      28.6,  
      23.0  
    ]  
  },  
  {  
    "channelCfi": [  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      83,  
      91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      27.3,  
      30.1,
```

```
        25.3,
        28.4,
        26.1,
        26.1,
        35.0,
        26.0
      ]
    },
    {
      "channelCfi": [
        23,
        39,
        55,
        87
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        30.3,
        28.3,
        29.1,
        29.0
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        31.3
      ]
    }
  ],
  "requestId": "83682663",
  "availabilityExpireTime": "2025-11-15T21:29:49Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-14T21:38:33Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83812182",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```



```
      89,  
      93,  
      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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}
```

```
}
}

##### 2025-11-14T21:39:27Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "/*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83812182",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
```

```
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20
```

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

```
##### 2025-11-14T21:40:22Z #####
```

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 16.9
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 16.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 16.2
        }
      ]
    }
  ]
}
```

```
"maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 20.7
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6625,
```



```
        "lowFrequency": 6605
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 8.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 15.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 22.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 13.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 17.0
    },
    {
```

```
"frequencyRange": {
  "highFrequency": 6745,
  "lowFrequency": 6725
},
"maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 14.1
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 12.8
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 14.2
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
```

9,
13,
65,
69,
73,
77,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173
],
"globalOperatingClass": 131,
"maxEirp": [
29.9,
28.5,
29.2,
25.6,
27.4,
33.7,
31.9,
30.5,
32.1,
30.6,
21.9,
28.2,
35.0,
26.2,
30.0,
33.2,
29.4,
27.1,
25.8,

```
27.2
]
},
{
  "channelCfi": [
    3,
    11,
    67,
    75,
    131,
    139,
    147,
    155,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    31.5,
    28.6,
    30.4,
    33.5,
    33.6,
    24.9,
    29.2,
    33.0,
    30.1,
    28.8
  ]
},
{
  "channelCfi": [
    7,
    71,
    135,
    151,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
```

```
        31.6,
        33.4,
        27.9,
        32.2,
        31.8
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.9
      ]
    }
  ],
  "requestId": "83812182",
  "availabilityExpireTime": "2025-11-15T21:40:22Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T21:40:22Z #####
```

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 16.9
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 5985,  
        "lowFrequency": 5965  
      },  
      "maxPsd": 15.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6005,  
        "lowFrequency": 5985  
      },  
      "maxPsd": 16.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6025,  
        "lowFrequency": 6005  
      },  
      "maxPsd": 12.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 14.4  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 20.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305
```

```
    },
    "maxPsd": 18.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 17.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 17.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 8.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 15.2
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 22.0
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 13.2
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 20.2
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 14.1
},
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 12.8
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 14.2
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      65,
      69,
      73,
      77,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157,
      161,
      165,
      169,
      173
    ],
    "globalOperatingClass": 131,
```

```
"maxEirp": [  
  29.9,  
  28.5,  
  29.2,  
  25.6,  
  27.4,  
  33.7,  
  31.9,  
  30.5,  
  32.1,  
  30.6,  
  21.9,  
  28.2,  
  35.0,  
  26.2,  
  30.0,  
  33.2,  
  29.4,  
  27.1,  
  25.8,  
  27.2  
]  
,  
{  
  "channelCfi": [  
    3,  
    11,  
    67,  
    75,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    31.5,  
    28.6,
```

```
        30.4,
        33.5,
        33.6,
        24.9,
        29.2,
        33.0,
        30.1,
        28.8
      ]
    },
    {
      "channelCfi": [
        7,
        71,
        135,
        151,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.6,
        33.4,
        27.9,
        32.2,
        31.8
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.9
      ]
    }
  ],
  "requestId": "83812182",
  "availabilityExpireTime": "2025-11-15T21:40:22Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
```

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

```
##### 2025-11-14T21:40:22Z #####
```

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "Accept": "*/*",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.5.163",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1258",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "83812182",  
        "deviceDescriptor": {  
          "serialNumber": "353000151",  
          "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "inquiredChannels": [
    {
      "globalOperatingClass": 131,
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
```

```
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
    "channelCfi": [
        31,
        63
    ]
}
```

```
    ],  
    "minDesiredPower": 20  
  }  
]  
}  
}
```

2025-11-14T21:40:23Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 16.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 15.5  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 16.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6025,
```



```
        "lowFrequency": 6005
      },
      "maxPsd": 12.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 14.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 20.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 17.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 19.1
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6625,
  "lowFrequency": 6605
},
"maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 22.0
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 17.0
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 20.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 16.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 12.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 14.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
```

1,
5,
9,
13,
65,
69,
73,
77,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173
],
"globalOperatingClass": 131,
"maxEirp": [
29.9,
28.5,
29.2,
25.6,
27.4,
33.7,
31.9,
30.5,
32.1,
30.6,
21.9,
28.2,
35.0,
26.2,
30.0,
33.2,
29.4,

```
    27.1,  
    25.8,  
    27.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    67,  
    75,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    31.5,  
    28.6,  
    30.4,  
    33.5,  
    33.6,  
    24.9,  
    29.2,  
    33.0,  
    30.1,  
    28.8  
  ]  
},  
{  
  "channelCfi": [  
    7,  
    71,  
    135,  
    151,  
    167  
  ],  
}
```

```
      "globalOperatingClass": 133,
      "maxEirp": [
        31.6,
        33.4,
        27.9,
        32.2,
        31.8
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.9
      ]
    }
  ],
  "requestId": "83812182",
  "availabilityExpireTime": "2025-11-15T21:40:23Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T21:40:23Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "83965811",
    "deviceDescriptor": {
      "serialNumber": "353000151",
      "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ]
  }
],
```

```
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T21:40:24Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 16.9
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 15.5
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.7
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  },
```

```
"maxPsd": 15.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 22.0
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6785,
```

```
        "lowFrequency": 6765
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 12.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 14.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        65,
        69,
        73,
        77,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157,
        161,
        165,
```

```
    169,  
    173  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    29.9,  
    28.5,  
    29.2,  
    25.6,  
    27.4,  
    33.7,  
    31.9,  
    30.5,  
    32.1,  
    30.6,  
    21.9,  
    28.2,  
    35.0,  
    26.2,  
    30.0,  
    33.2,  
    29.4,  
    27.1,  
    25.8,  
    27.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    67,  
    75,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
}
```

```
"globalOperatingClass": 132,
"maxEirp": [
  31.5,
  28.6,
  30.4,
  33.5,
  33.6,
  24.9,
  29.2,
  33.0,
  30.1,
  28.8
]
},
{
  "channelCfi": [
    7,
    71,
    135,
    151,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.6,
    33.4,
    27.9,
    32.2,
    31.8
  ]
},
{
  "channelCfi": [
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.9
  ]
}
```



```

    ],
    "requestId": "83965811",
    "availabilityExpireTime": "2025-11-15T21:40:24Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

```

```
##### 2025-11-14T21:46:04Z #####
```

```

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1261",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3346303282",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
```

```
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,  
    "channelCfi": [  

```

```
        31,  
        63  
    ]  
  }  
],  
  "minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-14T21:46:04Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 16.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 15.5  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 16.2  
        }  
      ]  
    }  
  ]  
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 12.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 14.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 20.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 17.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
```

```
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 17.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 8.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 15.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 22.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 13.2
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 17.0
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 20.2
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 14.1
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 12.8
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 14.2
}
```



```
],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        65,  
        69,  
        73,  
        77,  
        129,  
        133,  
        137,  
        141,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        29.9,  
        28.5,  
        29.2,  
        25.6,  
        27.4,  
        33.7,  
        31.9,  
        30.5,  
        32.1,  
        30.6,  
        21.9,  
        28.2,  
        35.0,
```

```
        26.2,  
        30.0,  
        33.2,  
        29.4,  
        27.1,  
        25.8,  
        27.2  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      67,  
      75,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      31.5,  
      28.6,  
      30.4,  
      33.5,  
      33.6,  
      24.9,  
      29.2,  
      33.0,  
      30.1,  
      28.8  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      71,
```

```
        135,
        151,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        31.6,
        33.4,
        27.9,
        32.2,
        31.8
      ]
    },
    {
      "channelCfi": [
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.9
      ]
    }
  ],
  "requestId": "3346303282",
  "availabilityExpireTime": "2025-11-15T21:46:04Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

```
##### 2025-11-14T21:48:39Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
```

```
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83738229",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {

```

```
"lowFrequency": 6525,  
  "highFrequency": 6875  
}  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-14T21:48:39Z

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

```
    },
    "availableFrequencyInfo": [
      {
        "frequencyRange": {
          "highFrequency": 5965,
          "lowFrequency": 5945
        },
        "maxPsd": 16.9
      },
      {
        "frequencyRange": {
          "highFrequency": 5985,
          "lowFrequency": 5965
        },
        "maxPsd": 15.5
      },
      {
        "frequencyRange": {
          "highFrequency": 6005,
          "lowFrequency": 5985
        },
        "maxPsd": 16.2
      },
      {
        "frequencyRange": {
          "highFrequency": 6025,
          "lowFrequency": 6005
        },
        "maxPsd": 12.6
      },
      {
        "frequencyRange": {
          "highFrequency": 6285,
          "lowFrequency": 6265
        },
        "maxPsd": 14.4
      },
      {
        "frequencyRange": {
          "highFrequency": 6305,
```



```
"lowFrequency": 6285
},
"maxPsd": 20.7
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.9
},
{
```

```
"frequencyRange": {  
  "highFrequency": 6665,  
  "lowFrequency": 6645  
},  
"maxPsd": 15.2  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6685,  
    "lowFrequency": 6665  
  },  
  "maxPsd": 22.0  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6705,  
    "lowFrequency": 6685  
  },  
  "maxPsd": 13.2  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6725,  
    "lowFrequency": 6705  
  },  
  "maxPsd": 17.0  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6745,  
    "lowFrequency": 6725  
  },  
  "maxPsd": 20.2  
},  
{  
  "frequencyRange": {  
    "highFrequency": 6765,  
    "lowFrequency": 6745  
  },  
  "maxPsd": 16.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 12.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 14.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        65,
        69,
        73,
        77,
        129,
        133,
        137,
        141,
        145,
        149,
```

```
153,  
157,  
161,  
165,  
169,  
173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  29.9,  
  28.5,  
  29.2,  
  25.6,  
  27.4,  
  33.7,  
  31.9,  
  30.5,  
  32.1,  
  30.6,  
  21.9,  
  28.2,  
  35.0,  
  26.2,  
  30.0,  
  33.2,  
  29.4,  
  27.1,  
  25.8,  
  27.2  
]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    67,  
    75,  
    131,  
    139,  
    147,
```

```
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    31.5,  
    28.6,  
    30.4,  
    33.5,  
    33.6,  
    24.9,  
    29.2,  
    33.0,  
    30.1,  
    28.8  
  ]  
},  
{  
  "channelCfi": [  
    7,  
    71,  
    135,  
    151,  
    167  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    31.6,  
    33.4,  
    27.9,  
    32.2,  
    31.8  
  ]  
},  
{  
  "channelCfi": [  
    143  
  ],  
  "globalOperatingClass": 134,
```

```
        "maxEirp": [
            30.9
        ]
    },
    ],
    "requestId": "83738229",
    "availabilityExpireTime": "2025-11-15T21:48:39Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-11-14T21:48:40Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83884083",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
  "heightType": "AMSL",
  "verticalUncertainty": 8
},
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
```

```
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

2025-11-14T21:48:40Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 16.9
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.5
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.7
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 18.9
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 17.5
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.2
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 22.0
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 22.0
}
```

```
"maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 16.4
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 14.1
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 12.8
},
{
  "frequencyRange": {
    "highFrequency": 6825,
```

```
        "lowFrequency": 6805
      },
      "maxPsd": 14.2
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        65,
        69,
        73,
        77,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        29.9,
        28.5,
        29.2,
        25.6,
        27.4,
        33.7,
        31.9,
        30.5,
        32.1,
```

```
    30.6,  
    21.9,  
    28.2,  
    35.0,  
    26.2,  
    30.0,  
    33.2,  
    29.4,  
    27.1,  
    25.8,  
    27.2  
  ]  
},  
{  
  "channelCfi": [  
    3,  
    11,  
    67,  
    75,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    31.5,  
    28.6,  
    30.4,  
    33.5,  
    33.6,  
    24.9,  
    29.2,  
    33.0,  
    30.1,  
    28.8  
  ]  
},
```

```
{
  {
    "channelCfi": [
      7,
      71,
      135,
      151,
      167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      31.6,
      33.4,
      27.9,
      32.2,
      31.8
    ]
  },
  {
    "channelCfi": [
      143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      30.9
    ]
  }
],
  "requestId": "83884083",
  "availabilityExpireTime": "2025-11-15T21:48:40Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```


1.3.8 CT_AFC_SP_AP_AFCDUAU34_FrequencyChannel_10631_1

2025-11-20T17:39:13Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1260",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "970903938",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
        "heightType": "AMSL",

```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 2
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

```
      89,  
      93,  
      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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
```

```
}
}

##### 2025-11-20T17:39:14Z #####
{
  "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
}
```

```
"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,
```

[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,  
    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": "970903938",
  "availabilityExpireTime": "2025-11-21T17:39:14Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
  "version": "1.4"
}
```

2025-11-20T17:39:19Z


```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "990698962",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
        "heightType": "AMSL",
        "verticalUncertainty": 8
      }
    }
  }
}
```

```
"indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
```

```
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": 137,  
    "channelCfi": [  
      31,  
      63  
    ]  
  }  
],  
"minDesiredPower": 20  
}  
]  
}  
}
```

2025-11-20T17:39:19Z

```
{
  "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
}
```

```
"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,
```

[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,  
    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": "990698962",
"availabilityExpireTime": "2025-11-21T17:39:19Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-11-20T17:57:20Z

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



```
"Host": "testserver.wfatestorg.org",
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.163",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1258",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "84110072",
      "deviceDescriptor": {
        "serialNumber": "353000151",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
}
```

```
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-20T17:57:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "84110072",
      "availabilityExpireTime": "2025-11-21T17:57:20Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2025-11-20T17:57:21Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1258",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "84254938",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-20T17:57:21Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "84254938",
      "availabilityExpireTime": "2025-11-21T17:57:21Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2025-11-20T17:58:49Z

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

```
"Host": "testserver.wfatestorg.org",
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.40",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1259",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "83841576",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
}
```

```
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-20T17:58:50Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "83841576",
      "availabilityExpireTime": "2025-11-21T17:58:50Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2025-11-20T17:58:50Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.40",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83993954",
        "deviceDescriptor": {
          "serialNumber": "2340140652",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```

```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
}
}
```

2025-11-20T17:58:50Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "83993954",
      "availabilityExpireTime": "2025-11-21T17:58:50Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2025-11-20T18:00:41Z

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

```
"Host": "testserver.wfatestorg.org",
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.40",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1260",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "286330953",
      "deviceDescriptor": {
        "serialNumber": "2340140652",
        "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": 8.0,
      "heightType": "AMSL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 2
  },
}
```

```
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5945,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      33,  
      37,  
      41,  
      45,  
      49,  
      53,  
      57,  
      61,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      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": 137,
    "channelCfi": [
      31,
      63
    ]
  }
],
"minDesiredPower": 20
}
]
}
}
```

2025-11-20T18:00:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "286330953",
      "availabilityExpireTime": "2025-11-21T18:00:41Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

2025-11-20T18:00:56Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.163",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1259",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "300960166",
        "deviceDescriptor": {
          "serialNumber": "353000151",
          "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": 8.0,
    "heightType": "AMSL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 2
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
```



```
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
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": 137,
      "channelCfi": [
        31,
        63
      ]
    }
  ],
  "minDesiredPower": 20
}
]
```

```
##### 2025-11-20T18:00:56Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "300960166",
      "availabilityExpireTime": "2025-11-21T18:00:56Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

-- End of Test Report --