



427 West 12800 South
Draper, UT 84020

Test Report Attachment

FCC ID	SWX-E7CPI
ISED ID	6545A-E7CPI
Equipment Under Test	E7-Campus-Indoor
Test Report Serial Number	TR10392_01
Date of Tests	19-24 September 2025
Report Issue Date	25 September 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	E7-Campus-Indoor

Test Result

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

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)
TestResult: PASS
Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.8 dBm/MHz PSD, 21.8 dBm EIRP) in Spectrum Reponse] on channel 37 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (17.8 dBm/MHz PSD, 30.8 dBm EIRP) in Spectrum Reponse] on channel 133 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	E7-Campus-Indoor

Test Result

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

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)
 TestResult: PASS
 Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (14.3 dBm/MHz PSD, 30.3 dBm EIRP) in Spectrum Reponse] on channel center frequency index 51 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.7 dBm/MHz PSD, 26.7 dBm EIRP) in Spectrum Reponse] on channel center frequency index 3 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	E7-Campus-Indoor

Test Result

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

Test Measurements

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.0 dBm/MHz PSD, 28.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 39 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (13.5 dBm/MHz PSD, 32.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 151 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	E7-Campus-Indoor

Test Result

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

Test Measurements

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.9 dBm/MHz PSD, 30.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.5 dBm/MHz PSD, 31.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	E7-Campus-Indoor

Test Result

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

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)

TestResult: PASS

Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (8.5 dBm/MHz PSD, 33.6 dBm EIRP) in Spectrum Reponse] 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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (-3.3 dBm/MHz PSD, 21.8 dBm EIRP) in Spectrum Reponse] 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	E7-Campus-Indoor

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_AFCUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCUSA32_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	E7-Campus-Indoor

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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (17.2 dBm/MHz PSD, 30.2 dBm EIRP) in Spectrum Reponse] on channel 5 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Ubiquiti
DUT Product Model	E7-Campus-Indoor

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_AFCDU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)
 TestResult: PASS
 Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (23 dBm/MHz PSD, 36.0 dBm EIRP) in Spectrum Reponse] on channel 5 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_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	E7-Campus-Indoor

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	E7-Campus-Indoor

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	E7-Campus-Indoor

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	E7-Campus-Indoor

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	E7-Campus-Indoor

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	E7-Campus-Indoor

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	E7-Campus-Indoor

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	E7-Campus-Indoor

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

2025-09-22T23:05:09Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "611109668",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      }
    }
  }
}
```

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

```
77,  
81,  
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89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
},  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    123,
```

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

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

2025-09-22T23:05:09Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 9.9
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 13.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 19.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 19.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 14.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 15.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 8.7
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 18.3
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 12.6
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 9.4
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 9.1
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 11.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.1
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
```

```
        61
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        22.9,
        26.1,
        32.6,
        32.7,
        27.6,
        28.4,
        21.7,
        21.7,
        31.3,
        21.8,
        25.6,
        22.4,
        22.1,
        24.2,
        33.2,
        32.1
      ]
    },
    {
      "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
        59
      ],
      "globalOperatingClass": 132,
      "maxEirp": [
        25.9,
        35.6,
        30.6,
        24.7,
        24.8,
```

```
        25.4,  
        25.1,  
        35.1  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      28.9,  
      27.7,  
      27.8,  
      28.1  
    ]  
  },  
  {  
    "channelCfi": [  
      15,  
      47  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      30.7,  
      30.8  
    ]  
  },  
  {  
    "channelCfi": [  
      31  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
      33.8  
    ]  
  }  
}
```

```
    ],
    "requestId": "611109668",
    "availabilityExpireTime": "2025-09-23T23:05:09Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2025-09-22T23:12:56Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1346",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1078346430",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        }
      }
    }
  }
}
```

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

```
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,
```

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

```

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

```
##### 2025-09-22T23:12:56Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
          },
          "maxPsd": 13.8
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 15.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": 9.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
      },  
      "maxPsd": 8.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 9.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 8.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385
```

```
    },
    "maxPsd": 8.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 13.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 16.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 17.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 11.4
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 15.8
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 18.8
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 16.9
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157,
      161,
      165,
      169,
      173
    ],
    "globalOperatingClass": 131,
```

```
"maxEirp": [  
  26.8,  
  28.2,  
  22.6,  
  21.3,  
  22.7,  
  21.2,  
  21.9,  
  26.4,  
  29.5,  
  30.8,  
  32.1,  
  24.4,  
  22.7,  
  23.9,  
  21.8,  
  26.4,  
  28.9,  
  28.8,  
  31.8,  
  29.9  
],  
,  
{  
  "channelCfi": [  
    67,  
    75,  
    83,  
    91,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    29.8,  
    24.3,
```

```
        24.2,
        24.9,
        32.5,
        27.4,
        25.7,
        24.8,
        31.8,
        32.9
      ],
    },
    {
      "channelCfi": [
        71,
        87,
        135,
        151,
        167
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        27.3,
        27.2,
        30.4,
        27.8,
        34.8
      ]
    },
    {
      "channelCfi": [
        79,
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.2,
        30.8
      ]
    }
  ],
  "requestId": "1078346430",
```

```
"availabilityExpireTime": "2025-09-23T23:12:56Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
  "version": "1.4"  
}
```

1.3.2 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10625_1

2025-09-22T18:22:54Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1346",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "3141095728",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

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

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

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

2025-09-22T18:22:54Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 19.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
          },
          "maxPsd": 14.3
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 21.6
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  },
```

```
"maxPsd": 20.8
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.5
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.0
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
    "highFrequency": 6785,
```

```
        "lowFrequency": 6765
      },
      "maxPsd": 15.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 12.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 13.5
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        49,
        53,
        57,
        61,
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
```

```
"maxEirp": [  
  32.9,  
  27.3,  
  30.0,  
  25.5,  
  32.9,  
  34.6,  
  26.1,  
  33.8,  
  30.5,  
  27.5,  
  27.2,  
  29.0,  
  34.8,  
  28.3,  
  25.1,  
  26.5  
]  
,  
{  
  "channelCfi": [  
    51,  
    59,  
    83,  
    91,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    30.3,  
    28.5,  
    35.9,  
    29.1,  
    30.5,  
    30.2,  
    31.3,  
    28.1
```

```
    ]
  },
  {
    "channelCfi": [
      55,
      87,
      135,
      167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      31.5,
      32.1,
      33.2,
      31.1
    ]
  }
],
"requestId": "3141095728",
"availabilityExpireTime": "2025-09-23T18:22:54Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-22T18:34:36Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1346",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
```

```
"availableSpectrumInquiryRequests": [
  {
    "requestId": "3843836904",
    "deviceDescriptor": {
      "serialNumber": "0xABCD1234",
      "certificationId": [
        {
          "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
          "id": "FCC_CERT_ID"
        }
      ]
    },
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -90.050655,
        "latitude": 35.138359
      },
      "majorAxis": 1,
      "minorAxis": 1,
      "orientation": 0
    },
    "elevation": {
      "height": 8,
      "heightType": "AGL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
```

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

```
        169,  
        173,  
        177,  
        181  
    ]  
  },  
  {  
    "globalOperatingClass": 132,  
    "channelCfi": [  
      3,  
      11,  
      19,  
      27,  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91,  
      123,  
      131,  
      139,  
      147,  
      155,  
      163,  
      171,  
      179  
    ]  
  },  
  {  
    "globalOperatingClass": 133,  
    "channelCfi": [  
      7,  
      23,  
      39,  
      55,  
      71,  
      87,
```

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

```
}
```

```
##### 2025-09-22T18:34:37Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 10.7  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 12.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 16.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6025,  
            "lowFrequency": 6005  
          },  
          "maxPsd": 11.2  
        },  
        {  

```

```
"frequencyRange": {
  "highFrequency": 6045,
  "lowFrequency": 6025
},
"maxPsd": 8.8
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 16.0
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 12.3
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6165,  
        "lowFrequency": 6145  
      },  
      "maxPsd": 13.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6185,  
        "lowFrequency": 6165  
      },  
      "maxPsd": 21.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 10.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 20.4  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": 16.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325
```

```
    },
    "maxPsd": 10.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 16.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 9.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 8.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 15.4
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
```

```
21,  
25,  
29,  
33,  
37,  
41,  
45,  
65,  
69,  
73,  
77,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
  23.7,  
  25.1,  
  29.2,  
  24.2,  
  21.8,  
  34.1,  
  29.0,  
  26.6,  
  26.6,  
  25.3,  
  26.1,  
  34.7,  
  23.1,  
  33.4,  
  29.6,  
  23.7,  
  29.6,  
  22.7,  
  21.8,  
  28.4  
]  
},
```

```
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    67,
    75,
    147,
    155
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    26.7,
    27.2,
    24.8,
    29.6,
    28.3,
    29.1,
    26.1,
    26.7,
    25.7,
    24.8
  ]
},
{
  "channelCfi": [
    7,
    23,
    39,
    71,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    29.7,
    27.8,
    31.3,
```

```
        29.1,  
        27.8  
      ]  
    },  
    {  
      "channelCfi": [  
        15  
      ],  
      "globalOperatingClass": 134,  
      "maxEirp": [  
        30.8  
      ]  
    }  
  ],  
  "requestId": "3843836904",  
  "availabilityExpireTime": "2025-09-23T18:34:37Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

1.3.3 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

2025-09-22T20:05:30Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "802912102",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
"verticalUncertainty": 8
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

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

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

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

2025-09-22T20:05:30Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 9.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 20.5
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 12.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 17.8
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 19.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  },
```

```
"maxPsd": 15.7
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 14.1
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 15.0
},
{
  "frequencyRange": {
    "highFrequency": 6625,
```

```
        "lowFrequency": 6605
      },
      "maxPsd": 21.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 10.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 19.8
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        129,
        133,
        137,
        141
      ],
      "globalOperatingClass": 131,
```

```
"maxEirp": [  
  22.0,  
  33.5,  
  25.7,  
  30.8,  
  32.3,  
  33.1,  
  33.9,  
  28.7,  
  34.8,  
  27.1,  
  25.3,  
  22.5,  
  28.0,  
  34.9,  
  23.0,  
  32.8  
],  
,  
{  
  "channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    131,  
    139  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    25.0,  
    28.7,  
    35.3,  
    31.7,  
    30.1,  
    25.5,  
    31.0,  
    26.0
```

```
    ]
  },
  {
    "channelCfi": [
      39,
      55,
      71,
      135
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      28.0,
      34.7,
      28.5,
      29.0
    ]
  },
  {
    "channelCfi": [
      47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      31.0
    ]
  }
],
"requestId": "802912102",
"availabilityExpireTime": "2025-09-23T20:05:30Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-09-22T20:14:07Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",

```

```
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.139",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1346",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1320508330",
      "deviceDescriptor": {
        "serialNumber": "0xABCD1234",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -90.050655,
        "latitude": 35.138359
      },
      "majorAxis": 1,
      "minorAxis": 1,
      "orientation": 0
    },
    "elevation": {
      "height": 8,
      "heightType": "AGL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
```

```
"lowFrequency": 5945,
"highFrequency": 6425
},
{
  "lowFrequency": 6525,
  "highFrequency": 6865
}
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      117,
      121,
      125,
      129,
```

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

```
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    143
  ]
},
{
  "globalOperatingClass": 135,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    135,
    151,
    167
  ]
},
{
  "globalOperatingClass": 137,
  "channelCfi": [
```

```
        31,  
        63  
    ]  
  }  
],  
  "minDesiredPower": -10  
}  
]  
}  
}
```

2025-09-22T20:14:08Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 8.6  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 12.4  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 12.8  
        }  
      ]  
    }  
  ]  
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 16.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 15.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 10.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 9.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
```

```
    },
    "maxPsd": 9.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 16.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 18.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 19.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 20.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 19.9
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6725,
        "lowFrequency": 6705
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 8.1
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 16.8
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 8.2
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 10.5
}
```

```
],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        81,  
        85,  
        89,  
        93,  
        145,  
        149,  
        153,  
        157,  
        161,  
        165,  
        169,  
        173  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        21.6,  
        25.4,  
        25.8,  
        29.3,  
        28.6,  
        23.5,  
        33.9,  
        22.1,  
        22.6,  
        29.9,  
        31.0,  
        32.7,  
        33.2,
```

```
        32.9,
        32.5,
        26.5,
        21.1,
        29.8,
        21.2,
        23.5
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        83,
        91,
        147,
        155,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        24.6,
        28.8,
        26.5,
        25.1,
        25.6,
        34.0,
        35.9,
        29.5,
        24.1,
        24.2
    ]
},
{
    "channelCfi": [
        7,
        23,
```

```
      87,  
      151,  
      167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      27.6,  
      28.1,  
      28.6,  
      32.5,  
      27.1  
    ]  
  },  
  {  
    "channelCfi": [  
      15  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      30.6  
    ]  
  }  
],  
"requestId": "1320508330",  
"availabilityExpireTime": "2025-09-23T20:14:08Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

1.3.4 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1

2025-09-22T20:41:40Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "827046248",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
"verticalUncertainty": 8
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

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

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

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

2025-09-22T20:41:40Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 21.8
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 19.4
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 10.2
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  },
```

```
"maxPsd": 17.8
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 18.6
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 15.9
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 16.8
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 14.8
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 18.6
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 9.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 20.4
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157
      ]
    }
  ],
  "globalOperatingClass": 131,
```

```
"maxEirp": [  
  34.8,  
  32.4,  
  26.0,  
  23.4,  
  30.5,  
  21.9,  
  23.2,  
  30.8,  
  31.6,  
  28.9,  
  29.8,  
  27.8,  
  31.6,  
  30.6,  
  22.5,  
  33.4  
]  
,  
{  
  "channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    131,  
    139,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    35.4,  
    26.4,  
    24.9,  
    26.2,  
    31.9,  
    30.8,  
    33.6,  
    25.5
```

```
]
},
{
  "channelCfi": [
    39,
    55,
    135,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    29.4,
    27.9,
    33.8,
    28.5
  ]
},
{
  "channelCfi": [
    47,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.9,
    31.5
  ]
}
],
"requestId": "827046248",
"availabilityExpireTime": "2025-09-23T20:41:40Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-22T21:00:01Z

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

```
"Host": "testserver.wfatestorg.org",
"Accept": "*/*",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.5.139",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1346",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "1928657646",
      "deviceDescriptor": {
        "serialNumber": "0xABCD1234",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "FCC_CERT_ID"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -90.050655,
        "latitude": 35.138359
      },
      "majorAxis": 1,
      "minorAxis": 1,
      "orientation": 0
    },
    "elevation": {
      "height": 8,
      "heightType": "AGL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 1
  },
}
```

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

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

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

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

2025-09-22T21:00:02Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 19.3
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 19.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 21.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 21.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 18.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 18.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 20.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 13.6
  },
  {
    "frequencyRange": {
```

```
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 18.2
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 21.3
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.1
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 13.0
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      32.3,
      32.5,
      34.6,
```

```
    34.9,
    31.6,
    31.7,
    33.3,
    26.6,
    28.1,
    26.5,
    31.2,
    28.1,
    22.5,
    34.3,
    27.1,
    26.0
  ]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    67,
    75,
    83,
    91
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    35.3,
    36.0,
    34.6,
    29.6,
    29.5,
    31.1,
    25.5,
    29.0
  ]
},
{
  "channelCfi": [
```

```
    7,  
    23,  
    71,  
    87  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    36.0,  
    32.6,  
    32.5,  
    28.5  
  ]  
},  
{  
  "channelCfi": [  
    15,  
    79  
  ],  
  "globalOperatingClass": 134,  
  "maxEirp": [  
    35.6,  
    31.5  
  ]  
}  
],  
"requestId": "1928657646",  
"availabilityExpireTime": "2025-09-23T21:00:02Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

1.3.5 CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1

2025-09-24T19:33:20Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "162135478",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

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

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

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

2025-09-24T19:33:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.8
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 17.7
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 18.6
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 12.2
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 8.5
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 15.3
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 9.7
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  },
```

```
"maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 18.1
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 17.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 20.0
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 17.8
},
{
  "frequencyRange": {
    "highFrequency": 6225,
```

```
        "lowFrequency": 6205
      },
      "maxPsd": 11.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 12.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 18.7
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61
      ],
      "globalOperatingClass": 131,
```

```
"maxEirp": [  
  23.8,  
  30.7,  
  31.6,  
  25.2,  
  21.5,  
  28.3,  
  22.7,  
  30.6,  
  31.1,  
  29.7,  
  30.1,  
  33.0,  
  30.8,  
  24.9,  
  25.5,  
  31.7  
],  
,  
{  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    26.8,  
    28.2,  
    24.5,  
    25.7,  
    32.7,  
    33.1,  
    27.9,  
    28.5
```

```
]
},
{
  "channelCfi": [
    7,
    23,
    39,
    55
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    29.8,
    27.5,
    35.7,
    30.9
  ]
},
{
  "channelCfi": [
    15,
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.5,
    33.9
  ]
},
{
  "channelCfi": [
    31
  ],
  "globalOperatingClass": 137,
  "maxEirp": [
    33.6
  ]
}
},
"requestId": "162135478",
"availabilityExpireTime": "2025-09-25T19:33:20Z",
```

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

##### 2025-09-24T19:43:50Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "792586390",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,

```

```
    "orientation": 0
  },
  "elevation": {
    "height": 8,
    "heightType": "AGL",
    "verticalUncertainty": 8
  },
  "indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
```

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

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

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

2025-09-24T19:43:51Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 6.2  
        },  
        {  
          "frequencyRange": {
```

```
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": -1.1
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 5.0
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 2.3
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": -3.3
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 6.4
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 3.4
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 0.5
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 7.7
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 0.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 1.0
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  },
```

```
"maxPsd": 4.4
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 2.1
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 2.1
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 9.5
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
```

```
      85,  
      89,  
      93  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      19.2,  
      11.9,  
      18.0,  
      15.3,  
      9.7,  
      19.4,  
      16.4,  
      13.5,  
      20.7,  
      13.6,  
      14.0,  
      22.6,  
      17.4,  
      15.1,  
      15.1,  
      22.5  
    ]  
  },  
  {  
    "channelCfi": [  
      35,  
      43,  
      51,  
      59,  
      67,  
      75,  
      83,  
      91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      14.9,  
      18.3,  
      12.7,
```

```
        16.5,
        16.6,
        17.0,
        18.1,
        18.1
    ]
},
{
    "channelCfi": [
        39,
        55,
        71,
        87
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        17.9,
        15.7,
        19.6,
        21.1
    ]
},
{
    "channelCfi": [
        47,
        79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        18.7,
        22.6
    ]
},
{
    "channelCfi": [
        63
    ],
    "globalOperatingClass": 137,
    "maxEirp": [
        21.8
```

```
    ]  
  }  
],  
  "requestId": "792586390",  
  "availabilityExpireTime": "2025-09-25T19:43:50Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

1.3.6 CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1

2025-09-23T20:22:23Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "904487716",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
"verticalUncertainty": 8
},
"indoorDeployment": 1
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5945,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6865
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
```

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

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

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

2025-09-23T20:22:24Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "904487716",
      "availabilityExpireTime": "2025-09-24T20:22:24Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

1.3.7 CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1

2025-09-23T20:50:20Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1346",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "1163403279",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

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

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

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

2025-09-23T20:50:20Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 10.3
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 17.2
        },
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 15.4
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 19.5
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 18.6
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 21.7
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 21.7
}
```

```
"maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.7
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 21.5
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
    "highFrequency": 6385,
```

```
        "lowFrequency": 6365
      },
      "maxPsd": 21.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 16.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 15.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        33,
        37,
        41,
        45,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93
      ],
      "globalOperatingClass": 131,
```

```
"maxEirp": [  
  23.3,  
  30.2,  
  28.4,  
  32.5,  
  31.6,  
  28.6,  
  34.7,  
  26.5,  
  22.7,  
  26.5,  
  34.5,  
  34.8,  
  34.8,  
  34.4,  
  29.3,  
  28.3  
]  
,  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    67,  
    75,  
    83,  
    91  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    26.3,  
    31.4,  
    31.6,  
    29.5,  
    25.7,  
    36.0,  
    36.0,  
    31.3
```

```
]
},
{
  "channelCfi": [
    7,
    39,
    71,
    87
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    29.3,
    32.5,
    28.7,
    34.3
  ]
},
{
  "channelCfi": [
    79
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    31.7
  ]
}
],
"requestId": "1163403279",
"availabilityExpireTime": "2025-09-24T20:50:20Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

1.3.8 CT_AFC_SP_AP_AFCDU34_FrequencyChannel_10631_1

2025-09-24T17:46:31Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "531812847",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -90.050655,
          "latitude": 35.138359
        },
        "majorAxis": 1,
        "minorAxis": 1,
        "orientation": 0
      },
      "elevation": {
        "height": 8,
        "heightType": "AGL",

```

```
        "verticalUncertainty": 8
      },
      "indoorDeployment": 1
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5945,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6865
      }
    ],
    "inquiredChannels": [
      {
        "globalOperatingClass": 131,
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          65,
          69,
          73,
          77,
          81,
          85,
```

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

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

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

2025-09-24T17:46:31Z

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

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

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

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

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

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

```

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

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

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

[illegible]

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

```
        36.0,
        36.0
      ]
    }
  ],
  "requestId": "531812847",
  "availabilityExpireTime": "2025-09-25T17:46:31Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

```
##### 2025-09-24T17:51:31Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1345",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "831812940",
        "deviceDescriptor": {
          "serialNumber": "0xABCD1234",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "FCC_CERT_ID"
            }
          ]
        }
      ]
    },
    "location": {
```

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

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

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

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

2025-09-24T17:51:31Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 23
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 23
}
```

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

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

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

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

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

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

[illegible]

```

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

```

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

```

    },
    {
      "channelCfi": [
        15,
        47,
        79,
        143
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0
      ]
    }
  ],
  "requestId": "831812940",
  "availabilityExpireTime": "2025-09-25T17:51:31Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```
##### 2025-09-24T17:54:33Z #####
```

```

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "Accept": "*/*",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.5.139",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1344",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [

```

```
{
  "requestId": "88726373",
  "deviceDescriptor": {
    "serialNumber": "0xABCD1234",
    "certificationId": [
      {
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "FCC_CERT_ID"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -90.050655,
        "latitude": 35.138359
      },
      "majorAxis": 1,
      "minorAxis": 1,
      "orientation": 0
    },
    "elevation": {
      "height": 8,
      "heightType": "AGL",
      "verticalUncertainty": 8
    },
    "indoorDeployment": 1
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5945,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6865
    }
  ],
  "inquiredChannels": [
    {
```

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

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

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

```
##### 2025-09-24T17:54:33Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "88726373",
      "availabilityExpireTime": "2025-09-25T17:54:33Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

-- End of Test Report --