



AFC DUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	limits (5 dBm/MHz PSD), SP limits (26.8 dBm EIRP) in Spectrum Reponse] on channel 77 bandwidth 20.	true	PASS
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AFC DUT Compliance Test Report

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DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Gemtek
DUT Product Model	W1701K

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
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
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
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
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_320MHz_10715_1 (Successful registration and spectrum access request)

TestResult: PASS

Band: 6GHz

Measurements Name	Description	Value	Validation Result
	AFC DUT		



3.1 AFCD.RSA Test Result

Appendix A

AFC DUT Compliance Test Report

AFC_DUT_SP_OPERATION	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, 33.9 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 transmit power in the band is less		

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AFC DUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (2.4 dBm/MHz PSD, 27.5 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

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 transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz		



AFC DUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	PSD), SP limits (9.0 dBm/MHz PSD, 31.0 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 (9.3 dBm/MHz PSD, 31.3 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



3.1 AFCD.RSA Test Result

AFC DUT Compliance Test Report

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 (10.0 dBm/MHz PSD, 29.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 167 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
	Valid		

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AFC DUT Compliance Test Report

AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (11.9 dBm/MHz PSD, 30.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 87 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_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 Compliance Test Report

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 (11.4 dBm/MHz PSD, 27.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 155 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (11.8 dBm/MHz PSD, 27.8 dBm EIRP) in Spectrum Reponse] on channel center frequency index 171 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in	true	PASS

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AFC DUT Compliance Test Report

	adjacent frequencies		
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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 (18.3 dBm/MHz PSD, 31.3 dBm EIRP) in Spectrum Reponse] on channel 93 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available	true	PASS

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3.1 AFCD.RSA Test Result

Appendix A

AFC DUT Compliance Test Report

	Spectrum Inquiry Request		
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 (17.1 dBm/MHz PSD, 30.1 dBm EIRP) in Spectrum Reponse] on channel 173 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS



AFC Capability – Inquired Frequency

CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1

2025-02-24T06:32:40Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.124",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "45262061",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000012",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        },
        "majorAxis": 150,
```



```
        "minorAxis": 150,
        "orientation": 0
    },
    "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
    },
    "indoorDeployment": 0
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": -1
}
]
}
```

2025-02-24T06:32:40Z

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



```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 14.9
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 21.1
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 18.6
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    }
}
```



```
    },
    "maxPsd": 15.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 16.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 20.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 20.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 20.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 10.0
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 19.6
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.9
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 21.6
}
],
```



```
"requestId": "45262061",
"availabilityExpireTime": "2025-02-25T06:32:40Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-02-24T07:33:51Z #####
{
"headers": {
"Host": "testserver.wfatestorg.org",
"User-Agent": "libcrp/0.1",
"Accept": "application/json",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.50.179",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "640",
"Connection": "Keep-Alive"
},
"body": {
"version": "1.4",
"availableSpectrumInquiryRequests": [
{
"requestId": "41079863",
"deviceDescriptor": {
"serialNumber": "W1701K2405000030",
"certificationId": [
{
"rulesetId": "US_47_CFR_PART_15_SUBPART_E",
"id": "MXF-W1701K"
}
]
}
},
"location": {
"ellipse": {
```



```
        "center": {
            "longitude": -121.985869,
            "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,
        "orientation": 0
    },
    "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
    },
    "indoorDeployment": 0
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": -1
}
]
}
}

##### 2025-02-24T07:33:51Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```



```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 17.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 18.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 21.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 8.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 11.4
  }
]
```



```
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 14.8
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 10.9
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 9.6
},
{
```



```
"frequencyRange": {
  "highFrequency": 6645,
  "lowFrequency": 6625
},
"maxPsd": 12.8
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 15.3
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6745,
```



```
        "lowFrequency": 6725
      },
      "maxPsd": 18.4
    }
  ],
  "requestId": "41079863",
  "availabilityExpireTime": "2025-02-25T07:33:51Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-24T07:43:25Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "69242288",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ]
  }
}
```



```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -121.985869,
      "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": -1
}
]
}
```

2025-02-24T07:43:25Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 17.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 15.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 13.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
          },
          "maxPsd": 18.8
        }
      ]
    }
  ]
}
```

```
"frequencyRange": {
  "highFrequency": 6125,
  "lowFrequency": 6105
},
"maxPsd": 10.5
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 10.0
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 20.5
},
{
  "frequencyRange": {
    "highFrequency": 6305,
```



```
        "lowFrequency": 6285
      },
      "maxPsd": 10.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 8.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 17.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 12.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 13.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```



```
        "maxPsd": 16.9
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 18.4
      }
    ],
    "requestId": "69242288",
    "availabilityExpireTime": "2025-02-25T07:43:25Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
},
"version": "1.4"
}
```

2025-02-24T07:55:36Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "83982613",
        "deviceDescriptor": {
```



```
"serialNumber": "W1701K2405000030",
"certificationId": [
  {
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
    "id": "MXF-W1701K"
  }
]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -121.985869,
      "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"minDesiredPower": -1
}
```



```
]
}
}

##### 2025-02-24T07:55:36Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 15.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
          },
          "maxPsd": 19.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
          },
          "maxPsd": 18.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6265,
```



```
        "lowFrequency": 6245
      },
      "maxPsd": 16.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 14.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 19.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 21.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 21.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
    },
```



```
"maxPsd": 13.3
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 9.2
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 17.4
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.6
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 10.9
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 17.6
},
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 11.7
}
],
"requestId": "83982613",
"availabilityExpireTime": "2025-02-25T07:55:36Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-24T07:58:47Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
```



```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "83982614",
    "deviceDescriptor": {
      "serialNumber": "W1701K2405000030",
      "certificationId": [
        {
          "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
          "id": "MXF-W1701K"
        }
      ]
    },
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,
        "orientation": 0
      },
      "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
      },
      "indoorDeployment": 0
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
```



```
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": -1
  }
]
}
}
```

2025-02-24T07:58:48Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 15.2
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },

```

```
"maxPsd": 17.7
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 11.1
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 10.0
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 20.7
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 18.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 9.7
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 19.1
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 9.2
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 21.4
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 9.8
},
{
    "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
    }
}
```



```
    },
    "maxPsd": 11.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 13.3
  }
],
"requestId": "83982614",
"availabilityExpireTime": "2025-02-25T07:58:47Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1

2025-02-24T08:11:20Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
```



```
{
  "requestId": "96665709",
  "deviceDescriptor": {
    "serialNumber": "W1701K2405000030",
    "certificationId": [
      {
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
        "id": "MXF-W1701K"
      }
    ]
  },
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    },
    "indoorDeployment": 0
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ]
}
```



```
],  
  "minDesiredPower": -1  
}  
]  
}  
}
```

2025-02-24T08:11:20Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 18.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 18.1  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 21.7  
        },  
      ]  
    }  
  ]  
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 16.9
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 18.3
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 18.5
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 20.2
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 9.4
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 12.8
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 18.3
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 15.3
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
```



```
    },
    "maxPsd": 9.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 20.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 8.4
  }
],
"requestId": "96665709",
"availabilityExpireTime": "2025-02-25T08:11:20Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-24T08:14:15Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
```



```
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "96665710",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    },
    "indoorDeployment": 0
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ]
}
```



```
    },
    {
      "lowFrequency": 6525,
      "highFrequency": 6875
    }
  ],
  "minDesiredPower": -1
}
]
}
}
```

2025-02-24T08:14:15Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 13.7
        },
        {
          "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
          },
          "maxPsd": 18.9
        },
        {
          "frequencyRange": {
```



```
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 16.2
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 16.1
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 14.1
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 13.4
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
```

```
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 12.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 15.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 13.0
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.3
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 10.2
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 19.4
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 20.7
},
{
```



```
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 19.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 11.8
    }
],
"requestId": "96665710",
"availabilityExpireTime": "2025-02-25T08:14:15Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1

2025-02-24T08:49:41Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.179",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
}
```



```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "73788582",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      },
      "location": {
        "ellipse": {
          "center": {
            "longitude": -121.985869,
            "latitude": 37.381933
          },
          "majorAxis": 150,
          "minorAxis": 150,
          "orientation": 0
        },
        "elevation": {
          "height": 15,
          "heightType": "AGL",
          "verticalUncertainty": 2
        },
        "indoorDeployment": 0
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5925,
          "highFrequency": 6425
        }
      ]
    }
  ]
}
```



```
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": -1
  }
]
}
}
```

2025-02-24T08:49:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 8.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 21.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          }
        }
      ]
    }
  ]
}
```



```
    },
    "maxPsd": 16.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 11.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 10.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 15.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 9.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 10.1
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 21.6
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.4
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 19.2
},
{
```



```
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 13.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 8.5
    }
],
"requestId": "73788582",
"availabilityExpireTime": "2025-02-25T08:49:41Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-02-24T08:53:01Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.179",
```



```
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "640",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "73788583",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    },
    "indoorDeployment": 0
  },
  "inquiredFrequencyRange": [
```



```
{
  "lowFrequency": 5925,
  "highFrequency": 6425
},
{
  "lowFrequency": 6525,
  "highFrequency": 6875
}
],
"minDesiredPower": -1
}
]
}
}
```

2025-02-24T08:53:01Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 17.2
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 12.6
        }
      ]
    }
  ]
}
```



```
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 15.3
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 11.6
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 16.9
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 8.4
},
{
```

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 16.8
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 10.8
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 16.5
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 12.9
},
{
  "frequencyRange": {
    "highFrequency": 6685,
```



```
        "lowFrequency": 6665
      },
      "maxPsd": 8.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 20.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 20.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 11.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 12.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
    },
```



```
        "maxPsd": 17.4
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 11.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 10.5
      }
    ],
    "requestId": "73788583",
    "availabilityExpireTime": "2025-02-25T08:53:01Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1

2025-02-24T09:06:58Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
```



```
"Content-Length": "640",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "95102118",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    },
    "indoorDeployment": 0
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
```



```
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": -1
  }
]
}
}
```

2025-02-24T09:06:58Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
          },
          "maxPsd": 10.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
          },
          "maxPsd": 9.2
        },
        {

```



```
"frequencyRange": {
  "highFrequency": 6325,
  "lowFrequency": 6305
},
"maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.7
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 20.8
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.4
},
{
  "frequencyRange": {
    "highFrequency": 6425,
```



```
        "lowFrequency": 6405
      },
      "maxPsd": 17.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 19.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 19.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 11.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
    },
```



```
        "maxPsd": 12.2
      },
      {
        "frequencyRange": {
          "highFrequency": 6705,
          "lowFrequency": 6685
        },
        "maxPsd": 13.0
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 16.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 20.7
      }
    ],
    "requestId": "95102118",
    "availabilityExpireTime": "2025-02-25T09:06:58Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2025-02-24T09:09:38Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
```



```
"Accept": "application/json",
"Content-Type": "application/json",
"X-Forwarded-For": "192.168.50.179",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "640",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "95102119",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    }
  }
}
```



```
        "indoorDeployment": 0
      },
      "inquiredFrequencyRange": [
        {
          "lowFrequency": 5925,
          "highFrequency": 6425
        },
        {
          "lowFrequency": 6525,
          "highFrequency": 6875
        }
      ],
      "minDesiredPower": -1
    }
  ]
}
}
```

2025-02-24T09:09:38Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 19.9
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
```



```
        "lowFrequency": 5965
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 19.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 19.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 14.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 10.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
    },
```

```
"maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 21.0
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 10.0
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 10.4
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.3
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 8.7
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 17.0
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 19.6
}
],
"requestId": "95102119",
"availabilityExpireTime": "2025-02-25T09:09:38Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDRSA31_Frequency_320MHz_10713_1

2025-02-24T09:22:30Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "35056106",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,

```



```
        "orientation": 0
      },
      "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
      },
      "indoorDeployment": 0
    },
    "inquiredFrequencyRange": [
      {
        "lowFrequency": 5925,
        "highFrequency": 6425
      },
      {
        "lowFrequency": 6525,
        "highFrequency": 6875
      }
    ],
    "minDesiredPower": -1
  }
]
}
```

2025-02-24T09:22:30Z

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



```
        "lowFrequency": 6105
      },
      "maxPsd": 20.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 17.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 12.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 8.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 20.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
    },
```

```
"maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 7.4
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 13.3
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 19.6
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 22.6
},
}
```



```
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 9.6
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 9.2
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 10.3
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 9.6
}
],
"requestId": "35056106",
```



```
"availabilityExpireTime": "2025-02-25T09:22:30Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-24T09:25:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "640",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "35056107",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
```



```
        "longitude": -121.985869,
        "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
},
"elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
},
"indoorDeployment": 0
},
"inquiredFrequencyRange": [
    {
        "lowFrequency": 5925,
        "highFrequency": 6425
    },
    {
        "lowFrequency": 6525,
        "highFrequency": 6875
    }
],
"minDesiredPower": -1
}
]
}
}
```

2025-02-24T09:25:24Z

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



```
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 1.4
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 5.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 10.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 11.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 12.0
  },
],
```

```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 3.3
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 0.0
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": -1.2
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 3.2
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 7.3
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 7.4
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 2.1
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 2.1
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 10.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
```



```
    },  
    "maxPsd": 10.8  
  }  
],  
"requestId": "35056107",  
"availabilityExpireTime": "2025-02-25T09:25:24Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```



AFC Capability – Inquired Channel

CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1

2025-02-25T01:30:36Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "75830684",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        },
        "majorAxis": 150,
```



```
"minorAxis": 150,
"orientation": 0
},
"elevation": {
  "height": 15,
  "heightType": "AGL",
  "verticalUncertainty": 2
},
"indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233

]



```
},  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
  ]  
},  
{  
  "globalOperatingClass": 133,
```



```
"channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    103,  
    119,  
    135,  
    151,  
    167,  
    183,  
    199,  
    215  
]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{  
    "globalOperatingClass": 136,  
    "channelCfi": [  
        2  
    ]  
},  
{  
    "globalOperatingClass": 137,
```



```
        "channelCfi": [  
            31,  
            63,  
            95,  
            127,  
            159,  
            191  
        ]  
    },  
],  
"minDesiredPower": -1  
}  
]  
}  
}
```

2025-02-25T01:30:36Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableChannelInfo": [  
        {  
          "channelCfi": [  
            81,  
            85,  
            89,  
            93,  
            129,  
            133,  
            137,  
            141,  
            145,  
            149,  
          ]  
        }  
      ]  
    }  
  ]  
}
```



```
153,  
157,  
161,  
165,  
169,  
173  
,  
"globalOperatingClass": 131,  
"maxEirp": [  
  32.6,  
  26.4,  
  24.1,  
  31.4,  
  24.5,  
  31.7,  
  33.9,  
  34.8,  
  29.5,  
  22.3,  
  21.3,  
  28.5,  
  28.9,  
  33.1,  
  27.7,  
  30.1  
]  
},  
{  
  "channelCfi": [  
    83,  
    91,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171
```



```
],
  "globalOperatingClass": 132,
  "maxEirp": [
    29.4,
    27.1,
    27.5,
    36.0,
    25.3,
    24.3,
    31.9,
    30.7
  ]
},
{
  "channelCfi": [
    87,
    135,
    151,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    30.1,
    30.5,
    27.3,
    33.7
  ]
},
{
  "channelCfi": [
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.3
  ]
}
```



```
    ],
    "requestId": "75830684",
    "availabilityExpireTime": "2025-02-26T01:30:36Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

##### 2025-02-25T01:33:33Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "75830685",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ]
  },
}
```



```
"location": {
  "ellipse": {
    "center": {
      "longitude": -121.985869,
      "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,



```
        213,  
        217,  
        221,  
        225,  
        229,  
        233  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,  
        187,  
        195,  
        203,
```



```
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{
```



```
        "globalOperatingClass": 136,
        "channelCfi": [
            2
        ]
    },
    {
        "globalOperatingClass": 137,
        "channelCfi": [
            31,
            63,
            95,
            127,
            159,
            191
        ]
    }
],
"minDesiredPower": -1
}
]
}
}
```

2025-02-25T01:33:34Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
```



```
13,  
17,  
21,  
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77  
,  
"globalOperatingClass": 131,  
"maxEirp": [  
29.7,  
23.2,  
32.6,  
21.2,  
27.7,  
28.2,  
32.6,  
21.1,  
30.8,  
33.1,  
22.9,  
30.7,  
23.0,  
34.5,  
33.3,  
32.8,  
31.3,
```



```
        28.3,  
        30.4,  
        26.8  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        26.2,  
        24.2,  
        30.7,  
        24.1,  
        33.8,  
        25.9,  
        26.0,  
        35.8,  
        31.3,  
        29.8  
    ]  
},  
{  
    "channelCfi": [  
        7,  
        23,  
        39,
```



```
        55,  
        71  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        27.2,  
        27.1,  
        28.9,  
        29.0,  
        32.8  
    ]  
},  
{  
    "channelCfi": [  
        15,  
        47  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
        30.1,  
        31.9  
    ]  
},  
{  
    "channelCfi": [  
        31  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
        33.2  
    ]  
}  
],  
"requestId": "75830685",  
"availabilityExpireTime": "2025-02-26T01:33:34Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}
```



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

CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1

2025-02-25T01:43:04Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "User-Agent": "libcrp/0.1",  
    "Accept": "application/json",  
    "Content-Type": "application/json",  
    "Expect": "100-continue",  
    "X-Forwarded-For": "192.168.50.179",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "1365",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "47245308",  
        "deviceDescriptor": {  
          "serialNumber": "W1701K2405000030",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "MXF-W1701K"  
            }  
          ]  
        }  
      ]  
    },  
    "location": {  
      "ellipse": {  
        "center": {
```



```
        "longitude": -121.985869,  
        "latitude": 37.381933  
    },  
    "majorAxis": 150,  
    "minorAxis": 150,  
    "orientation": 0  
},  
"elevation": {  
    "height": 15,  
    "heightType": "AGL",  
    "verticalUncertainty": 2  
},  
"indoorDeployment": 0  
},  
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,



```
        225,  
        229,  
        233  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,  
        187,  
        195,  
        203,  
        211,  
        219,  
        227
```



```
]
},
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    103,
    119,
    135,
    151,
    167,
    183,
    199,
    215
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    111,
    143,
    175,
    207
  ]
},
{
  "globalOperatingClass": 136,
  "channelCfi": [
    2
```



```
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63,
      95,
      127,
      159,
      191
    ]
  }
],
"minDesiredPower": -1
}
]
}
}
```

2025-02-25T01:43:04Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            33,
            37,
```



```
41,  
45,  
81,  
85,  
89,  
93,  
129,  
133,  
137,  
141  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
24.3,  
21.7,  
33.5,  
26.2,  
28.6,  
30.5,  
21.1,  
29.2,  
31.1,  
31.2,  
22.4,  
23.5,  
21.4,  
32.5,  
23.2,  
25.2  
]  
},  
{  
"channelCfi": [  
3,  
11,  
35,  
43,
```



```
      83,  
      91,  
      131,  
      139  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
      24.7,  
      29.2,  
      31.6,  
      24.1,  
      34.1,  
      25.4,  
      24.4,  
      26.2  
    ]  
  },  
  {  
    "channelCfi": [  
      7,  
      39,  
      87,  
      135  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
      27.7,  
      27.1,  
      28.4,  
      27.4  
    ]  
  }  
],  
"requestId": "47245308",  
"availabilityExpireTime": "2025-02-26T01:43:04Z",  
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}
```



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

##### 2025-02-25T01:46:11Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "47245309",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        }
      }
    }
  }
}
```



```
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,



```
        233
      ]
    },
    {
      "globalOperatingClass": 132,
      "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
        59,
        67,
        75,
        83,
        91,
        99,
        107,
        115,
        123,
        131,
        139,
        147,
        155,
        163,
        171,
        179,
        187,
        195,
        203,
        211,
        219,
        227
      ]
    }
  ],
```



```
{
  "globalOperatingClass": 133,
  "channelCfi": [
    7,
    23,
    39,
    55,
    71,
    87,
    103,
    119,
    135,
    151,
    167,
    183,
    199,
    215
  ]
},
{
  "globalOperatingClass": 134,
  "channelCfi": [
    15,
    47,
    79,
    111,
    143,
    175,
    207
  ]
},
{
  "globalOperatingClass": 136,
  "channelCfi": [
    2
  ]
},
}
```



```
{
  "globalOperatingClass": 137,
  "channelCfi": [
    31,
    63,
    95,
    127,
    159,
    191
  ]
},
"minDesiredPower": -1
}
]
```

2025-02-25T01:46:11Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            17,
            21,
            25,
            29,
            49,
            53,
            57,
            61,
```



```
65,  
69,  
73,  
77,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173  
,  
"globalOperatingClass": 131,  
"maxEirp": [  
22.7,  
23.4,  
22.1,  
26.9,  
30.1,  
25.9,  
28.4,  
26.0,  
21.4,  
24.9,  
30.2,  
28.7,  
25.3,  
24.1,  
21.5,  
23.8,  
23.3,  
31.2,  
34.0,  
24.2  
]  
},
```



```
{
  "channelCfi": [
    19,
    27,
    51,
    59,
    67,
    75,
    147,
    155,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    25.7,
    25.1,
    28.9,
    29.0,
    24.4,
    31.7,
    27.1,
    24.5,
    26.3,
    27.2
  ]
},
{
  "channelCfi": [
    23,
    55,
    71,
    151,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
```



```

        28.1,
        31.9,
        27.4,
        27.5,
        29.3
    ]
}
],
"requestId": "47245309",
"availabilityExpireTime": "2025-02-26T01:46:11Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1

2025-02-25T01:53:24Z

```

{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17591528",

```



```
"deviceDescriptor": {
  "serialNumber": "W1701K2405000030",
  "certificationId": [
    {
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
      "id": "MXF-W1701K"
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -121.985869,
      "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,



```
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,
```



```
        139,  
        147,  
        155,  
        163,  
        171,  
        179,  
        187,  
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,
```



```
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{  
    "globalOperatingClass": 136,  
    "channelCfi": [  
        2  
    ]  
},  
{  
    "globalOperatingClass": 137,  
    "channelCfi": [  
        31,  
        63,  
        95,  
        127,  
        159,  
        191  
    ]  
}  
],  
"minDesiredPower": -1  
}  
]  
}  
}
```

2025-02-25T01:53:24Z

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



```
"responseCode": 0,  
"shortDescription": "SUCCESS"  
},  
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      65,  
      69,  
      73,  
      77,  
      129,  
      133,  
      137,  
      141,  
      161,  
      165,  
      169,  
      173  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      34.9,  
      29.0,  
      21.3,  
      27.8,  
      30.2,  
      30.2,  
      27.8,  
      28.9,  
      24.0,  
      29.6,  
      21.0,  
      33.1,
```



```
        21.1,  
        26.9,  
        28.8,  
        24.1  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        67,  
        75,  
        131,  
        139,  
        163,  
        171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        32.0,  
        24.3,  
        33.2,  
        30.8,  
        27.0,  
        24.0,  
        24.1,  
        27.1  
    ]  
},  
{  
    "channelCfi": [  
        7,  
        71,  
        135,  
        167  
    ],  
    "globalOperatingClass": 133,
```



```
        "maxEirp": [
            27.3,
            33.8,
            27.0,
            27.1
        ]
    },
    ],
    "requestId": "17591528",
    "availabilityExpireTime": "2025-02-26T01:53:24Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

2025-02-25T01:56:16Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17591529",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",

```



```
"certificationId": [  
  {  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
    "id": "MXF-W1701K"  
  }  
]  
,  
"location": {  
  "ellipse": {  
    "center": {  
      "longitude": -121.985869,  
      "latitude": 37.381933  
    },  
    "majorAxis": 150,  
    "minorAxis": 150,  
    "orientation": 0  
  },  
  "elevation": {  
    "height": 15,  
    "heightType": "AGL",  
    "verticalUncertainty": 2  
  },  
  "indoorDeployment": 0  
},  
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,



```
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,
```



```
        155,  
        163,  
        171,  
        179,  
        187,  
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,
```



```
        111,  
        143,  
        175,  
        207  
    ]  
  },  
  {  
    "globalOperatingClass": 136,  
    "channelCfi": [  
      2  
    ]  
  },  
  {  
    "globalOperatingClass": 137,  
    "channelCfi": [  
      31,  
      63,  
      95,  
      127,  
      159,  
      191  
    ]  
  }  
],  
"minDesiredPower": -1  
}  
]  
}  
}
```

2025-02-25T01:56:16Z

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



```
},
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      81,
      85,
      89,
      93,
      145,
      149,
      153,
      157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      22.2,
      34.4,
      21.3,
      33.1,
      33.6,
      29.4,
      22.7,
      22.2,
      33.7,
      31.5,
```



```
31.5,  
21.3,  
23.3,  
31.5,  
24.5,  
21.2,  
26.6,  
24.2,  
24.6,  
23.0  
]  
,  
{  
  "channelCfi": [  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    83,  
    91,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    25.2,  
    24.3,  
    32.4,  
    25.2,  
    34.5,  
    24.3,  
    26.3,  
    24.2,  
    27.2,  
    26.0
```



```
    ]
  },
  {
    "channelCfi": [
      23,
      39,
      55,
      87,
      151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
      27.3,
      28.2,
      27.3,
      27.2,
      29.0
    ]
  }
},
{
  "channelCfi": [
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.3
  ]
}
],
"requestId": "17591529",
"availabilityExpireTime": "2025-02-26T01:56:16Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1

2025-02-25T02:15:27Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "71934439",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      },
      {
        "location": {
          "ellipse": {
            "center": {
              "longitude": -121.985869,
              "latitude": 37.381933
            },
            "majorAxis": 150,
```



```
"minorAxis": 150,
"orientation": 0
},
"elevation": {
  "height": 15,
  "heightType": "AGL",
  "verticalUncertainty": 2
},
"indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233

]



```
},  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    99,  
    107,  
    115,  
    123,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171,  
    179,  
    187,  
    195,  
    203,  
    211,  
    219,  
    227  
  ]  
},  
{  
  "globalOperatingClass": 133,
```



```
"channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    103,  
    119,  
    135,  
    151,  
    167,  
    183,  
    199,  
    215  
]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{  
    "globalOperatingClass": 136,  
    "channelCfi": [  
        2  
    ]  
},  
{  
    "globalOperatingClass": 137,
```



```
        "channelCfi": [
            31,
            63,
            95,
            127,
            159,
            191
        ]
    },
    ],
    "minDesiredPower": -1
}
]
}
}
```

2025-02-25T02:15:27Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            129,
            133,
```



```
137,  
141,  
145,  
149,  
153,  
157  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
32.0,  
23.0,  
24.9,  
30.1,  
29.3,  
30.2,  
28.2,  
26.2,  
24.7,  
28.4,  
34.5,  
24.6,  
34.0,  
30.6,  
33.7,  
24.4  
]  
},  
{  
"channelCfi": [  
3,  
11,  
19,  
27,  
131,  
139,  
147,  
155
```



```
],
  "globalOperatingClass": 132,
  "maxEirp": [
    26.0,
    27.9,
    32.3,
    29.2,
    27.7,
    27.6,
    33.6,
    27.4
  ]
},
{
  "channelCfi": [
    7,
    23,
    135,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    29.0,
    32.2,
    30.6,
    30.4
  ]
},
{
  "channelCfi": [
    15,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    32.0,
    33.4
  ]
}
```



```
    ]
  }
],
  "requestId": "71934439",
  "availabilityExpireTime": "2025-02-26T02:15:27Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-25T02:19:39Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "71934440",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ]
  }
}
```



```
]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -121.985869,
      "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,



```
        205,  
        209,  
        213,  
        217,  
        221,  
        225,  
        229,  
        233  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,  
        187,
```



```
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
}
```



```
    },
    {
      "globalOperatingClass": 136,
      "channelCfi": [
        2
      ]
    },
    {
      "globalOperatingClass": 137,
      "channelCfi": [
        31,
        63,
        95,
        127,
        159,
        191
      ]
    }
  ],
  "minDesiredPower": -1
}
]
}
}
```

2025-02-25T02:19:39Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            33,
```



```
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
33.5,  
31.3,  
34.7,  
28.8,  
30.9,  
30.9,  
26.3,  
23.9,  
22.7,  
26.0,  
33.4,  
21.9,  
26.7,  
34.5,  
31.8,  
31.6  
]  
},  
{
```



```
"channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    67,  
    75,  
    83,  
    91  
],  
"globalOperatingClass": 132,  
"maxEirp": [  
    34.3,  
    31.8,  
    33.9,  
    26.9,  
    25.7,  
    24.9,  
    29.7,  
    34.6  
]  
},  
{  
    "channelCfi": [  
        39,  
        55,  
        71,  
        87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        34.8,  
        29.9,  
        27.9,  
        32.7  
    ]  
},
```



```
{
  "channelCfi": [
    47,
    79
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    32.9,
    30.9
  ]
},
{
  "channelCfi": [
    63
  ],
  "globalOperatingClass": 137,
  "maxEirp": [
    34.0
  ]
}
],
"requestId": "71934440",
"availabilityExpireTime": "2025-02-26T02:19:39Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Channel_320MHz_10714_1

2025-02-25T02:39:22Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
```



```
"Content-Type": "application/json",
"Expect": "100-continue",
"X-Forwarded-For": "192.168.50.179",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1365",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "74133961",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    }
  }
}
```



```
"indoorDeployment": 0
},
"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,
      97,
      101,
      105,
      109,
      113,
      117,
      121,
```



```
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,
```



```
35,  
43,  
51,  
59,  
67,  
75,  
83,  
91,  
99,  
107,  
115,  
123,  
131,  
139,  
147,  
155,  
163,  
171,  
179,  
187,  
195,  
203,  
211,  
219,  
227  
]  
,  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    103,
```



```
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{  
    "globalOperatingClass": 136,  
    "channelCfi": [  
        2  
    ]  
},  
{  
    "globalOperatingClass": 137,  
    "channelCfi": [  
        31,  
        63,  
        95,  
        127,  
        159,  
        191  
    ]  
}
```



```
    }
  ],
  "minDesiredPower": -1
}
]
}
}
```

2025-02-25T02:39:22Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93
          ],
        }
      ],
      "globalOperatingClass": 131,
    }
  ]
}
```



```
"maxEirp": [  
    27.9,  
    22.6,  
    26.9,  
    23.7,  
    29.7,  
    26.7,  
    27.1,  
    31.5,  
    32.2,  
    19.3,  
    29.1,  
    33.0,  
    30.7,  
    30.1,  
    22.5,  
    27.9  
]  
,  
{  
    "channelCfi": [  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        25.6,  
        26.7,  
        29.7,  
        30.1,  
        22.3,
```



```
        32.1,  
        33.1,  
        25.5  
    ]  
},  
{  
    "channelCfi": [  
        39,  
        55,  
        71,  
        87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        28.6,  
        32.7,  
        25.3,  
        28.5  
    ]  
},  
{  
    "channelCfi": [  
        47,  
        79  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
        31.6,  
        28.3  
    ]  
},  
{  
    "channelCfi": [  
        63  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  

```



```
        31.4
      ]
    }
  ],
  "requestId": "74133961",
  "availabilityExpireTime": "2025-02-26T02:39:22Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-02-25T02:45:01Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "74133962",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ]
  }
}
```



```
    }
  ]
},
"location": {
  "ellipse": {
    "center": {
      "longitude": -121.985869,
      "latitude": 37.381933
    },
    "majorAxis": 150,
    "minorAxis": 150,
    "orientation": 0
  },
  "elevation": {
    "height": 15,
    "heightType": "AGL",
    "verticalUncertainty": 2
  },
  "indoorDeployment": 0
},
"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,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,



```
        201,  
        205,  
        209,  
        213,  
        217,  
        221,  
        225,  
        229,  
        233  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,
```



```
        187,  
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207
```



```
    ]
  },
  {
    "globalOperatingClass": 136,
    "channelCfi": [
      2
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63,
      95,
      127,
      159,
      191
    ]
  }
],
"minDesiredPower": -1
}
]
}
}
```

2025-02-25T02:45:01Z

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



```
1,  
5,  
9,  
13,  
17,  
21,  
25,  
29,  
33,  
37,  
41,  
45,  
49,  
53,  
57,  
61  
,  
"globalOperatingClass": 131,  
"maxEirp": [  
23.5,  
16.5,  
11.9,  
19.5,  
18.1,  
12.4,  
19.3,  
17.1,  
20.0,  
22.2,  
19.4,  
11.3,  
21.2,  
21.0,  
17.6,  
17.0  
]  
},
```



```
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    19.5,
    14.9,
    15.4,
    20.1,
    23.0,
    14.3,
    24.0,
    20.0
  ]
},
{
  "channelCfi": [
    7,
    23,
    39,
    55
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    17.9,
    18.4,
    17.3,
    23.0
  ]
}
```



```
    },
    {
      "channelCfi": [
        15,
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        20.9,
        20.3
      ]
    },
    {
      "channelCfi": [
        31
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        23.4
      ]
    }
  ],
  "requestId": "74133962",
  "availabilityExpireTime": "2025-02-26T02:45:01Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



AFC Capability – Inquired Frequency and Channel

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1

2025-02-25T07:20:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1493",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "32508226",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        },
        "majorAxis": 150,
```



```
"minorAxis": 150,
"orientation": 0
},
"elevation": {
  "height": 15,
  "heightType": "AGL",
  "verticalUncertainty": 2
},
"indoorDeployment": 0
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
```



53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,



```
        201,  
        205,  
        209,  
        213,  
        217,  
        221,  
        225,  
        229,  
        233  
    ]  
},  
{  
    "globalOperatingClass": 132,  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        67,  
        75,  
        83,  
        91,  
        99,  
        107,  
        115,  
        123,  
        131,  
        139,  
        147,  
        155,  
        163,  
        171,  
        179,
```



```
        187,  
        195,  
        203,  
        211,  
        219,  
        227  
    ]  
},  
{  
    "globalOperatingClass": 133,  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55,  
        71,  
        87,  
        103,  
        119,  
        135,  
        151,  
        167,  
        183,  
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207
```



```
    ]
  },
  {
    "globalOperatingClass": 136,
    "channelCfi": [
      2
    ]
  },
  {
    "globalOperatingClass": 137,
    "channelCfi": [
      31,
      63,
      95,
      127,
      159,
      191
    ]
  }
],
"minDesiredPower": -1
}
]
}
}
```

2025-02-25T07:20:25Z

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



```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 13.7
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 19.3
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 11.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
```



```
    },
    "maxPsd": 10.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 12.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 21.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 21.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 8.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 21.6
  }
```

```
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 16.0
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.8
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 18.3
}
],
```



```
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      17,  
      21,  
      25,  
      29,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      29.7,  
      26.5,  
      26.7,  
      32.3,  
      24.5,  
      23.0,  
      25.9,  
      34.3,  
      34.9,  
      21.2,  
      34.6,  
      26.2,  
      27.2,  
      29.0,  
      27.8,  
    ]  
  }  
]
```



```
        31.3
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        67,
        75,
        83,
        91
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        29.5,
        29.7,
        26.0,
        28.9,
        24.2,
        29.2,
        30.2,
        30.8
    ]
},
{
    "channelCfi": [
        7,
        23,
        71,
        87
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        32.5,
        29.0,
```



```
        27.2,
        33.2
    ]
},
{
    "channelCfi": [
        15,
        79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        32.0,
        30.2
    ]
},
    ],
    "requestId": "32508226",
    "availabilityExpireTime": "2025-02-26T07:20:25Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-25T07:23:22Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.50.179",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1493",
        "Connection": "Keep-Alive"
    }
}
```



```
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "32508227",
      "deviceDescriptor": {
        "serialNumber": "W1701K2405000030",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
          }
        ]
      }
    }
  ],
  "location": {
    "ellipse": {
      "center": {
        "longitude": -121.985869,
        "latitude": 37.381933
      },
      "majorAxis": 150,
      "minorAxis": 150,
      "orientation": 0
    },
    "elevation": {
      "height": 15,
      "heightType": "AGL",
      "verticalUncertainty": 2
    },
    "indoorDeployment": 0
  },
  "inquiredFrequencyRange": [
    {
      "lowFrequency": 5925,
      "highFrequency": 6425
    }
  ],
}
```



```
{
  "lowFrequency": 6525,
  "highFrequency": 6875
},
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      97,
      101,
      105,
      109,
```



```
113,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,
```



```
11,  
19,  
27,  
35,  
43,  
51,  
59,  
67,  
75,  
83,  
91,  
99,  
107,  
115,  
123,  
131,  
139,  
147,  
155,  
163,  
171,  
179,  
187,  
195,  
203,  
211,  
219,  
227  
]  
,  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,
```



```
    71,  
    87,  
    103,  
    119,  
    135,  
    151,  
    167,  
    183,  
    199,  
    215  
  ]  
},  
{  
  "globalOperatingClass": 134,  
  "channelCfi": [  
    15,  
    47,  
    79,  
    111,  
    143,  
    175,  
    207  
  ]  
},  
{  
  "globalOperatingClass": 136,  
  "channelCfi": [  
    2  
  ]  
},  
{  
  "globalOperatingClass": 137,  
  "channelCfi": [  
    31,  
    63,  
    95,  
    127,
```



```
        159,  
        191  
    ]  
  }  
],  
"minDesiredPower": -1  
}  
]  
}  
}
```

2025-02-25T07:23:22Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 6125,  
            "lowFrequency": 6105  
          },  
          "maxPsd": 9.2  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6145,  
            "lowFrequency": 6125  
          },  
          "maxPsd": 15.0  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6165,
```



```
        "lowFrequency": 6145
      },
      "maxPsd": 10.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 18.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 16.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 8.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 16.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
    },
```



```
"maxPsd": 16.8
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 10.3
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 8.7
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 11.4
},
```



```
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.2
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 19.5
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 18.6
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
```



```
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 15.1
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 17.1
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            129,
            133,
            137,
            141,
            145,
            149,
            153,
            157,
            161,
            165,
            169,
            173
        ]
    }
],
```



```
"globalOperatingClass": 131,  
  "maxEirp": [  
    22.2,  
    28.0,  
    23.7,  
    31.1,  
    29.8,  
    21.2,  
    29.4,  
    29.8,  
    34.2,  
    27.6,  
    23.3,  
    21.7,  
    24.4,  
    34.2,  
    23.4,  
    32.5,  
    31.6,  
    30.2,  
    28.1,  
    30.1  
  ]  
},  
{  
  "channelCfi": [  
    35,  
    43,  
    51,  
    59,  
    131,  
    139,  
    147,  
    155,  
    163,  
    171  
  ],
```



```
"globalOperatingClass": 132,  
  "maxEirp": [  
    25.2,  
    26.7,  
    24.2,  
    32.4,  
    30.6,  
    24.7,  
    27.4,  
    26.4,  
    33.2,  
    31.1  
  ]  
},  
{  
  "channelCfi": [  
    39,  
    55,  
    135,  
    151,  
    167  
  ],  
  "globalOperatingClass": 133,  
  "maxEirp": [  
    28.2,  
    27.2,  
    27.7,  
    29.4,  
    34.1  
  ]  
},  
{  
  "channelCfi": [  
    47,  
    143  
  ],  
  "globalOperatingClass": 134,
```



```
        "maxEirp": [
            30.2,
            30.7
        ]
    },
    ],
    "requestId": "32508227",
    "availabilityExpireTime": "2025-02-26T07:23:22Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1

2025-02-25T07:30:44Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1493",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "22955805",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",

```



```
"certificationId": [  
  {  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
    "id": "MXF-W1701K"  
  }  
]  
,  
"location": {  
  "ellipse": {  
    "center": {  
      "longitude": -121.985869,  
      "latitude": 37.381933  
    },  
    "majorAxis": 150,  
    "minorAxis": 150,  
    "orientation": 0  
  },  
  "elevation": {  
    "height": 15,  
    "heightType": "AGL",  
    "verticalUncertainty": 2  
  },  
  "indoorDeployment": 0  
},  
"inquiredFrequencyRange": [  
  {  
    "lowFrequency": 5925,  
    "highFrequency": 6425  
  },  
  {  
    "lowFrequency": 6525,  
    "highFrequency": 6875  
  }  
],  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131,
```



"channelCfi": [

- 1,
- 5,
- 9,
- 13,
- 17,
- 21,
- 25,
- 29,
- 33,
- 37,
- 41,
- 45,
- 49,
- 53,
- 57,
- 61,
- 65,
- 69,
- 73,
- 77,
- 81,
- 85,
- 89,
- 93,
- 97,
- 101,
- 105,
- 109,
- 113,
- 117,
- 121,
- 125,
- 129,
- 133,
- 137,
- 141,



```
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181,  
185,  
189,  
193,  
197,  
201,  
205,  
209,  
213,  
217,  
221,  
225,  
229,  
233  
]  
,  
{  
  "globalOperatingClass": 132,  
  "channelCfi": [  
    3,  
    11,  
    19,  
    27,  
    35,  
    43,  
    51,  
    59,  
    67,
```



```
75,  
83,  
91,  
99,  
107,  
115,  
123,  
131,  
139,  
147,  
155,  
163,  
171,  
179,  
187,  
195,  
203,  
211,  
219,  
227  
]  
,  
{  
  "globalOperatingClass": 133,  
  "channelCfi": [  
    7,  
    23,  
    39,  
    55,  
    71,  
    87,  
    103,  
    119,  
    135,  
    151,  
    167,  
    183,
```



```
        199,  
        215  
    ]  
},  
{  
    "globalOperatingClass": 134,  
    "channelCfi": [  
        15,  
        47,  
        79,  
        111,  
        143,  
        175,  
        207  
    ]  
},  
{  
    "globalOperatingClass": 136,  
    "channelCfi": [  
        2  
    ]  
},  
{  
    "globalOperatingClass": 137,  
    "channelCfi": [  
        31,  
        63,  
        95,  
        127,  
        159,  
        191  
    ]  
}  
],  
"minDesiredPower": -1  
}  
]
```



```
}
}

##### 2025-02-25T07:30:44Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 20.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
          },
          "maxPsd": 15.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
          },
          "maxPsd": 13.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
          }
        }
      ]
    }
  ]
}
```



```
    },
    "maxPsd": 8.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 16.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 15.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 19.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 21.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 20.4
  }
```



```
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 20.2
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 9.0
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 21.3
},
{
```



```
"frequencyRange": {
  "highFrequency": 6725,
  "lowFrequency": 6705
},
"maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 14.5
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      49,
      53,
      57,
      61,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      145,
      149,
      153,
      157
    ]
  },
  "globalOperatingClass": 131,
  "maxEirp": [
    33.6,
```



```
28.2,  
26.1,  
21.2,  
29.9,  
28.3,  
32.3,  
34.8,  
33.4,  
33.2,  
27.6,  
26.5,  
22.0,  
34.3,  
24.4,  
27.5  
]  
,  
{  
  "channelCfi": [  
    51,  
    59,  
    67,  
    75,  
    83,  
    91,  
    147,  
    155  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    31.2,  
    24.2,  
    31.3,  
    35.3,  
    36.0,  
    29.5,  
    25.0,
```



```
        27.4
      ]
    },
    {
      "channelCfi": [
        55,
        71,
        87,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        27.2,
        34.3,
        32.5,
        28.0
      ]
    },
    {
      "channelCfi": [
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        35.5
      ]
    }
  ],
  "requestId": "22955805",
  "availabilityExpireTime": "2025-02-26T07:30:44Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-02-25T07:33:22Z



```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1493",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "22955806",
        "deviceDescriptor": {
          "serialNumber": "W1701K2405000030",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1701K"
            }
          ]
        }
      }
    ],
    "location": {
      "ellipse": {
        "center": {
          "longitude": -121.985869,
          "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,
        "orientation": 0
      }
    }
  }
}
```



```
"elevation": {
  "height": 15,
  "heightType": "AGL",
  "verticalUncertainty": 2
},
"indoorDeployment": 0
},
"inquiredFrequencyRange": [
  {
    "lowFrequency": 5925,
    "highFrequency": 6425
  },
  {
    "lowFrequency": 6525,
    "highFrequency": 6875
  }
],
"inquiredChannels": [
  {
    "globalOperatingClass": 131,
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
```