

AFCDUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (-1.3 dBm/MHz PSD, 23.8 dBm EIRP) in Spectrum Reponse] on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

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		

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AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	PSD), SP limits (11.4 dBm/MHz PSD, 33.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (8.6 dBm/MHz PSD, 30.6 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

Appendix A

AFCDUT 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 (11.0 dBm/MHz PSD, 30.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 7 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_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 (8.9 dBm/MHz PSD, 27.9 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

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AFCDUT 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 (14.9 dBm/MHz PSD, 30.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 51 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (10.6 dBm/MHz PSD, 26.6 dBm EIRP) in Spectrum Reponse] on channel center frequency index 131 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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AFCDUT 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 (17.8 dBm/MHz PSD, 30.8 dBm EIRP) in Spectrum Reponse] on channel 149 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

AFCDUT 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 (10.3 dBm/MHz PSD, 23.3 dBm EIRP) in Spectrum Reponse] on channel 169 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

2025-09-16T02:55:14Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "22652368",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ],
    "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": 0
}
]
}
}
```

2025-09-16T02:55:15Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 16.8
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 21.3
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 18.4
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
```

```
    },
    "maxPsd": 10.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 16.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 17.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 14.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 18.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 19.7
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 19.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 19.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 13.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6405,  
        "lowFrequency": 6385  
      },  
      "maxPsd": 9.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 13.4  
    }  
  ],
```

```
"requestId": "22652368",
"availabilityExpireTime": "2025-09-17T02:55:14Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-16T02:57:56Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "22652369",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ],
    "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": 0
}
]
}
```

```
##### 2025-09-16T02:57:56Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
```

```
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 22.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 9.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 11.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 14.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 13.6
  }
]
```

```

},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 20.4
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 21.0
},
{

```

```
"frequencyRange": {
  "highFrequency": 6645,
  "lowFrequency": 6625
},
"maxPsd": 20.8
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 13.9
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 14.3
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 10.1
},
{
  "frequencyRange": {
    "highFrequency": 6745,
```

```
        "lowFrequency": 6725
      },
      "maxPsd": 16.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 21.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 19.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 12.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 11.3
    }
  ],
  "requestId": "22652369",
  "availabilityExpireTime": "2025-09-17T02:57:56Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
```



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

CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1

2025-09-16T03:03:44Z

```
{  
  "headers": {  
    "Host": "testserver.wfatestorg.org",  
    "User-Agent": "libcrp/0.1",  
    "Accept": "application/json",  
    "Content-Type": "application/json",  
    "X-Forwarded-For": "192.168.0.11",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "639",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "version": "1.4",  
    "availableSpectrumInquiryRequests": [  
      {  
        "requestId": "72908498",  
        "deviceDescriptor": {  
          "serialNumber": "W1700K2524000099",  
          "certificationId": [  
            {  
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
              "id": "MXF-W1700K2"  
            }  
          ]  
        }  
      ]  
    },  
    "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": 0
}
]
```

2025-09-16T03:03:45Z

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

```
"availableFrequencyInfo": [  
  {  
    "frequencyRange": {  
      "highFrequency": 6125,  
      "lowFrequency": 6105  
    },  
    "maxPsd": 21.1  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6145,  
      "lowFrequency": 6125  
    },  
    "maxPsd": 16.3  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6165,  
      "lowFrequency": 6145  
    },  
    "maxPsd": 8.6  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6185,  
      "lowFrequency": 6165  
    },  
    "maxPsd": 18.8  
  },  
  {  
    "frequencyRange": {  
      "highFrequency": 6205,  
      "lowFrequency": 6185  
    },  
    "maxPsd": 8.8  
  },  
  {  

```

```
"frequencyRange": {
  "highFrequency": 6225,
  "lowFrequency": 6205
},
"maxPsd": 10.2
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 13.0
},
{
  "frequencyRange": {
    "highFrequency": 6725,
```

```
        "lowFrequency": 6705
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 15.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 21.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 20.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 10.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
    },
```

```
        "maxPsd": 13.8
      }
    ],
    "requestId": "72908498",
    "availabilityExpireTime": "2025-09-17T03:03:44Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

##### 2025-09-16T03:06:49Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "72908499",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ]
  }
}
```



```
    },
    "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": 0
  }
]
```

2025-09-16T03:06:49Z

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

```
{
  "response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
  },
  "availableFrequencyInfo": [
    {
      "frequencyRange": {
        "highFrequency": 5965,
        "lowFrequency": 5945
      },
      "maxPsd": 18.6
    },
    {
      "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
      },
      "maxPsd": 14.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 18.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 16.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
```

```
        "lowFrequency": 6025
      },
      "maxPsd": 11.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 21.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 13.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 13.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 12.7
    }
  ]
}
```

```
"maxPsd": 18.2
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 21.7
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 19.5
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 9.4
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 15.6
},
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 9.5
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 15.4
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 18.9
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 19.7
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 10.4
}
],
"requestId": "72908499",
```

```
"availabilityExpireTime": "2025-09-17T03:06:49Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1

2025-09-16T03:14:03Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "23913329",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ],
    "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": 0
}
]
}
}
```

2025-09-16T03:14:03Z

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

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 20.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 12.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 13.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 13.1
  }
]
```

```
"maxPsd": 20.4
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 19.9
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 17.3
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 14.0
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 9.0
},
```

```
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 12.0
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 13.6
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 18.1
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 19.9
    }
  ],
  "requestId": "23913329",
  "availabilityExpireTime": "2025-09-17T03:14:03Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-16T03:16:59Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "23913330",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",

```

```
        "id": "MXF-W1700K2"
      }
    ]
  },
  "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": 0
}
]
```

2025-09-16T03:16:59Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 18.0
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 21.3
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 8.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 20.3
        }
      ]
    }
  ]
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 15.3
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 18.0
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 17.2
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 8.5
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
```

```
    },
    "maxPsd": 16.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 13.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6765,
      "lowFrequency": 6745
    },
    "maxPsd": 16.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6785,
      "lowFrequency": 6765
    },
    "maxPsd": 8.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 11.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 20.4
  }
```

```
    }
  ],
  "requestId": "23913330",
  "availabilityExpireTime": "2025-09-17T03:16:59Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1

2025-09-16T03:23:21Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "55391595",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ]
  }
}
```

```
    ]
  },
  "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": 0
}
]
```

2025-09-16T03:23:21Z

{

```
"availableSpectrumInquiryResponses": [
  {
    "response": {
      "responseCode": 0,
      "shortDescription": "SUCCESS"
    },
    "availableFrequencyInfo": [
      {
        "frequencyRange": {
          "highFrequency": 6125,
          "lowFrequency": 6105
        },
        "maxPsd": 18.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6145,
          "lowFrequency": 6125
        },
        "maxPsd": 17.1
      },
      {
        "frequencyRange": {
          "highFrequency": 6165,
          "lowFrequency": 6145
        },
        "maxPsd": 13.6
      },
      {
        "frequencyRange": {
          "highFrequency": 6185,
          "lowFrequency": 6165
        },
        "maxPsd": 15.2
      },
      {
        "frequencyRange": {
```

```
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 19.3
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 18.5
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 14.0
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 21.5
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 20.7
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
```

```
    },
    "maxPsd": 20.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 21.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 16.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 9.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 9.2
  }
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 11.4
    }
  ],
  "requestId": "55391595",
  "availabilityExpireTime": "2025-09-17T03:23:21Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-16T03:26:33Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "X-Forwarded-For": "192.168.0.11",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "639",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "55391596",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",

```

```
"certificationId": [  
  {  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
    "id": "MXF-W1700K2"  
  }  
]  
,  
"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": 0  
}  
]
```

```
}
}

##### 2025-09-16T03:26:33Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 20.3
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 8.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 11.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 17.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6045,
      "lowFrequency": 6025
    },
    "maxPsd": 17.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6065,
      "lowFrequency": 6045
    },
    "maxPsd": 17.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6085,
      "lowFrequency": 6065
    },
    "maxPsd": 17.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 10.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 8.1
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 8.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": 10.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
      },  
      "maxPsd": 8.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 17.1  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,  
        "lowFrequency": 6365  
      },  
      "maxPsd": 12.9  
    },  
    {
```

```
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 15.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 16.3
    }
],
"requestId": "55391596",
"availabilityExpireTime": "2025-09-17T03:26:33Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_320MHz_10713_1

2025-09-16T03:51:58Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.0.11",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "639",
        "Connection": "Keep-Alive"
    },

```

```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "79722384",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      },
      "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": 0
  }
]
}
```

2025-09-16T03:51:59Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 10.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 15.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          }
        }
      ]
    }
  ]
}
```

```
    },
    "maxPsd": 12.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 9.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 10.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 21.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 22.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 15.5
  }
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 21.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 22.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 23.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 8.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 16.6
    },
    {
      {
```

```
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 16.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 9.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 13.6
    }
],
"requestId": "79722384",
"availabilityExpireTime": "2025-09-17T03:51:59Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

],
"version": "1.4"
}

##### 2025-09-16T03:59:07Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.0.11",
```

```
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "639",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "79722385",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      }
    }
  ],
  "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": 0
}
]
}
}
```

2025-09-16T03:59:08Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 4.9
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 7.7
        }
      ]
    }
  ]
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 8.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 2.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 6.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 4.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 7.5
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6105,
  "lowFrequency": 6085
},
"maxPsd": 2.5
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": -0.3
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 6.2
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 6.8
},
{
  "frequencyRange": {
    "highFrequency": 6205,
```

```
        "lowFrequency": 6185
      },
      "maxPsd": 3.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 9.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 5.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 4.6
    }
  ],
  "requestId": "79722385",
  "availabilityExpireTime": "2025-09-17T03:59:07Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

AFC Capability – Inquired Channel

CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1

2025-09-15T09:09:37Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "71188752",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ],
    "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": 0
}
]
```

2025-09-15T09:09:37Z

```
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        33,
                        37,
                        41,
                        45,
                        49,
                        53,
                        57,
                        61,
                        81,
                        85,
```

```
      89,  
      93,  
      145,  
      149,  
      153,  
      157  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      26.2,  
      26.0,  
      26.7,  
      34.3,  
      27.8,  
      26.7,  
      21.8,  
      32.7,  
      34.8,  
      29.3,  
      22.3,  
      22.0,  
      33.6,  
      31.7,  
      22.6,  
      26.9  
    ]  
  },  
  {  
    "channelCfi": [  
      35,  
      43,  
      51,  
      59,  
      83,  
      91,  
      147,  
      155
```

```
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        29.0,  
        29.7,  
        29.7,  
        24.8,  
        32.3,  
        25.0,  
        34.7,  
        25.6  
    ]  
},  
{  
    "channelCfi": [  
        39,  
        55,  
        87,  
        151  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        32.0,  
        27.8,  
        28.0,  
        28.6  
    ]  
},  
{  
    "channelCfi": [  
        47  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
        30.8  
    ]  
}
```

```
    ],
    "requestId": "71188752",
    "availabilityExpireTime": "2025-09-16T09:09:37Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

2025-09-15T09:12:19Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "71188753",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      ]
    ],
  },
}
```

```
"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": 0
}
]
}
}
```

2025-09-15T09:12:19Z

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

```
13,  
17,  
21,  
25,  
29,  
65,  
69,  
73,  
77,  
129,  
133,  
137,  
141,  
161,  
165,  
169,  
173  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
32.5,  
30.3,  
25.4,  
27.9,  
28.2,  
28.2,  
30.9,  
30.1,  
27.4,  
32.6,  
33.1,  
31.5,  
22.7,  
24.8,  
30.9,  
28.9,  
31.6,
```

```
        34.8,
        28.3,
        23.3
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        67,
        75,
        131,
        139,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        33.3,
        28.4,
        31.2,
        33.1,
        30.4,
        34.5,
        25.7,
        31.9,
        34.6,
        26.3
    ]
},
{
    "channelCfi": [
        7,
        23,
        71,
```

```
        135,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        31.4,
        34.2,
        33.4,
        28.7,
        29.3
    ]
},
{
    "channelCfi": [
        15
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        34.4
    ]
}
],
"requestId": "71188753",
"availabilityExpireTime": "2025-09-16T09:12:19Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1

2025-09-15T09:21:41Z

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

```
"Accept": "application/json",
"Content-Type": "application/json",
"Expect": "100-continue",
"X-Forwarded-For": "192.168.0.134",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1364",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "61594895",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      }
    }
  ],
  "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": 0
  }
]
}
}
```

2025-09-15T09:21:41Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            33,
            37,
            41,
            45,
            129,
            133,
            137,
            141,
            161,
            165,
            169,
            173
          ],

```

```
"globalOperatingClass": 131,  
  "maxEirp": [  
    24.5,  
    31.4,  
    31.9,  
    34.6,  
    33.6,  
    32.3,  
    29.6,  
    31.2,  
    26.7,  
    25.2,  
    24.8,  
    21.9,  
    29.3,  
    31.1,  
    26.1,  
    26.3  
  ]  
,  
{  
  "channelCfi": [  
    3,  
    11,  
    35,  
    43,  
    131,  
    139,  
    163,  
    171  
  ],  
  "globalOperatingClass": 132,  
  "maxEirp": [  
    27.5,  
    34.9,  
    35.3,  
    32.6,
```



```
        28.2,
        24.9,
        32.3,
        29.1
    ]
},
{
    "channelCfi": [
        7,
        39,
        135,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        30.5,
        35.6,
        27.9,
        32.1
    ]
}
],
"requestId": "61594895",
"availabilityExpireTime": "2025-09-16T09:21:41Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-09-15T09:24:23Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
```

```
"Expect": "100-continue",
"X-Forwarded-For": "192.168.0.134",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1364",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "61594896",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      }
    }
  ],
  "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": 0  
  }  
]  
}  
}
```

2025-09-15T09:24:23Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableChannelInfo": [  
        {  
          "channelCfi": [  
            17,  
            21,  
            25,  
            29,  
            49,  
            53,  
            57,  
            61,  
            65,  
            69,  
            73,  
            77,  
            81,  
            85,  
            89,  
            93,  
            145,  
            149,  
            153,
```

```
157
],
"globalOperatingClass": 131,
"maxEirp": [
  30.1,
  28.5,
  24.1,
  23.5,
  32.7,
  30.4,
  28.5,
  28.9,
  32.9,
  34.8,
  21.9,
  34.5,
  34.7,
  21.5,
  23.8,
  25.4,
  27.1,
  25.9,
  22.5,
  22.0
]
},
{
  "channelCfi": [
    19,
    27,
    51,
    59,
    67,
    75,
    83,
    91,
    147,
```

```
        155
      ],
      "globalOperatingClass": 132,
      "maxEirp": [
        31.5,
        26.5,
        33.4,
        31.5,
        35.9,
        24.9,
        24.5,
        26.8,
        28.9,
        25.0
      ]
    },
    {
      "channelCfi": [
        23,
        55,
        71,
        87,
        151
      ],
      "globalOperatingClass": 133,
      "maxEirp": [
        29.5,
        34.5,
        27.9,
        27.5,
        28.0
      ]
    }
  ],
  {
    "channelCfi": [
      79
    ],
  },
```

```
        "globalOperatingClass": 134,
        "maxEirp": [
            30.5
        ]
    },
    ],
    "requestId": "61594896",
    "availabilityExpireTime": "2025-09-16T09:24:23Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1

2025-09-15T09:29:57Z

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.0.134",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1364",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "54593659",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2524000099",

```

```
"certificationId": [  
  {  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E",  
    "id": "MXF-W1700K2"  
  }  
]  
,  
"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": 0
}
]
}
}
```

2025-09-15T09:29:57Z

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

```
},
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      145,
      149,
      153,
      157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      29.4,
      29.9,
      27.4,
      31.3,
      31.4,
      27.0,
      31.0,
      25.5,
      32.6,
      30.9,
      30.2,
      28.5,
      34.9,
      24.6,
```

```
        28.5,
        32.2
    ]
},
{
    "channelCfi": [
        19,
        27,
        35,
        43,
        51,
        59,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        32.4,
        30.4,
        30.0,
        28.5,
        33.9,
        31.5,
        27.6,
        31.5
    ]
},
{
    "channelCfi": [
        23,
        39,
        55,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        33.4,
```

```
        31.5,
        34.5,
        30.6
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        34.5
      ]
    }
  ],
  "requestId": "54593659",
  "availabilityExpireTime": "2025-09-16T09:29:57Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}

],
"version": "1.4"
}

##### 2025-09-15T09:32:33Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },

```

```
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "54593660",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      },
      "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": 0
}
]
```



2025-09-15T09:32:33Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableChannelInfo": [
        {
          "channelCfi": [
            1,
            5,
            9,
            13,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            129,
            133,
            137,
            141,
            161,
            165,
            169,
            173
          ],
          "globalOperatingClass": 131,
          "maxEirp": [
            22.6,
            32.1,
            22.2,
```

```
        22.0,  
        26.1,  
        23.5,  
        25.4,  
        25.4,  
        32.0,  
        26.9,  
        30.6,  
        22.0,  
        25.5,  
        22.1,  
        34.4,  
        26.9,  
        30.9,  
        23.1,  
        23.1,  
        32.3  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        67,  
        75,  
        83,  
        91,  
        131,  
        139,  
        163,  
        171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        25.6,  
        25.0,  
        26.5,
```

```
        28.4,
        29.9,
        25.0,
        25.1,
        29.9,
        26.1,
        26.1
    ]
},
{
    "channelCfi": [
        7,
        71,
        87,
        135,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        28.0,
        29.5,
        28.0,
        28.1,
        29.1
    ]
},
{
    "channelCfi": [
        79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        31.0
    ]
}
],
"requestId": "54593660",
```

```
"availabilityExpireTime": "2025-09-16T09:32:33Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1

2025-09-15T09:38:34Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "35390483",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ]
  },
}
```

```
"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": 0
}
]
}
}
```

2025-09-15T09:38:34Z

```
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        65,
                        69,
                        73,
```

```

    77,
    81,
    85,
    89,
    93,
    129,
    133,
    137,
    141,
    145,
    149,
    153,
    157
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    28.1,
    32.2,
    22.0,
    31.7,
    29.2,
    23.5,
    31.4,
    26.2,
    30.1,
    34.8,
    29.9,
    30.9,
    31.7,
    30.7,
    27.3,
    32.3
  ]
},
{
  "channelCfi": [
    67,
```

```
        75,  
        83,  
        91,  
        131,  
        139,  
        147,  
        155  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        31.1,  
        25.0,  
        26.5,  
        29.2,  
        33.1,  
        32.9,  
        33.7,  
        30.3  
    ]  
},  
{  
    "channelCfi": [  
        71,  
        87,  
        135,  
        151  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        28.0,  
        29.5,  
        35.9,  
        33.3  
    ]  
},  
{  
    "channelCfi": [  

```

```
        79,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        31.0,
        36.0
    ]
}
],
"requestId": "35390483",
"availabilityExpireTime": "2025-09-16T09:38:34Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
"version": "1.4"
}
```

```
##### 2025-09-15T09:41:13Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "35390484",
```

```
"deviceDescriptor": {
  "serialNumber": "W1700K2524000099",
  "certificationId": [
    {
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
      "id": "MXF-W1700K2"
    }
  ]
},
"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": 0
}
]
}
}
}

##### 2025-09-15T09:41:13Z #####
{
    "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": [
      28.7,
      24.8,
      24.8,
      21.4,
      30.7,
      31.0,
      31.6,
      31.0,
      29.3,
      31.4,
      32.8,
      30.5,
```

```
        23.7,  
        26.5,  
        33.1,  
        25.4  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        19,  
        27,  
        35,  
        43,  
        51,  
        59  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        27.8,  
        24.4,  
        33.7,  
        34.0,  
        32.3,  
        33.5,  
        26.7,  
        28.4  
    ]  
},  
{  
    "channelCfi": [  
        7,  
        23,  
        39,  
        55  
    ],  
    "globalOperatingClass": 133,
```



```
        "maxEirp": [
            27.4,
            36.0,
            35.3,
            29.7
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.4,
            32.7
        ]
    },
    {
        "channelCfi": [
            31
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            33.5
        ]
    }
],
"requestId": "35390484",
"availabilityExpireTime": "2025-09-16T09:41:13Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



CT_AFC_SP_AP_AFCDRSA31_Channel_320MHz_10714_1

2025-09-15T09:49:49Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "17009450",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      },
      {
        "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": 0
}
]
}
}
```

2025-09-15T09:49:49Z

```
{
  "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": [
        35.8,
        31.6,
        25.5,
        25.7,
        27.7,
        30.2,
        22.9,
        28.6,
        28.9,
        33.3,
        23.5,
        24.8,
        29.7,
        24.7,
        28.3,
        25.3
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
        59
    ],
    
```

```
"globalOperatingClass": 132,
"maxEirp": [
  34.6,
  28.5,
  30.7,
  25.9,
  31.9,
  26.5,
  27.7,
  28.3
]
},
{
  "channelCfi": [
    7,
    23,
    39,
    55
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    31.5,
    28.9,
    29.5,
    30.7
  ]
},
{
  "channelCfi": [
    15,
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    31.9,
    32.5
  ]
}
```

```
    },
    {
      "channelCfi": [
        31
      ],
      "globalOperatingClass": 137,
      "maxEirp": [
        35.0
      ]
    }
  ],
  "requestId": "17009450",
  "availabilityExpireTime": "2025-09-16T09:49:49Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-15T09:53:03Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1364",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
```

```
"requestId": "17009451",
"deviceDescriptor": {
  "serialNumber": "W1700K2524000099",
  "certificationId": [
    {
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
      "id": "MXF-W1700K2"
    }
  ]
},
"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": 0
}
]
}
}
```

2025-09-15T09:53:04Z

```
{
    "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": [
      15.6,
      15.1,
      24.3,
      10.0,
      12.4,
      20.9,
      21.6,
      13.4,
      13.0,
      17.9,
      14.2,
```

```
        16.3,  
        13.6,  
        17.9,  
        21.5,  
        19.9  
    ]  
},  
{  
    "channelCfi": [  
        35,  
        43,  
        51,  
        59,  
        75,  
        83,  
        91  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        18.1,  
        13.0,  
        15.4,  
        16.4,  
        17.2,  
        16.6,  
        22.9  
    ]  
},  
{  
    "channelCfi": [  
        39,  
        55,  
        87  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        16.0,
```

```
        18.4,  
        19.6  
    ]  
  },  
  {  
    "channelCfi": [  
      47  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
      19.0  
    ]  
  },  
  {  
    "channelCfi": [  
      63  
    ],  
    "globalOperatingClass": 137,  
    "maxEirp": [  
      22.1  
    ]  
  }  
],  
"requestId": "17009451",  
"availabilityExpireTime": "2025-09-16T09:53:04Z",  
"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

2025-09-15T05:51:51Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1492",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "32607065",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ],
    "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": 0
}
]
}
}
```

2025-09-15T05:51:52Z

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

```
        "highFrequency": 5965,
        "lowFrequency": 5945
    },
    "maxPsd": 17.7
},
{
    "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 9.6
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 10.9
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
```

```
    },
    "maxPsd": 21.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 17.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 20.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6365,
      "lowFrequency": 6345
    },
    "maxPsd": 16.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6385,
      "lowFrequency": 6365
    },
    "maxPsd": 17.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6405,
      "lowFrequency": 6385
    },
    "maxPsd": 20.6
  }
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6425,  
        "lowFrequency": 6405  
      },  
      "maxPsd": 19.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6685,  
        "lowFrequency": 6665  
      },  
      "maxPsd": 13.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6705,  
        "lowFrequency": 6685  
      },  
      "maxPsd": 17.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6725,  
        "lowFrequency": 6705  
      },  
      "maxPsd": 19.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6745,  
        "lowFrequency": 6725  
      },  
      "maxPsd": 15.1  
    }  
  ],
```

```
"availableChannelInfo": [  
  {  
    "channelCfi": [  
      1,  
      5,  
      9,  
      13,  
      65,  
      69,  
      73,  
      77,  
      81,  
      85,  
      89,  
      93,  
      145,  
      149,  
      153,  
      157  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      30.7,  
      22.0,  
      34.2,  
      22.6,  
      23.9,  
      34.9,  
      30.1,  
      33.5,  
      29.7,  
      30.0,  
      33.6,  
      32.7,  
      26.7,  
      30.8,  
      32.3,
```

```
        28.1
    ]
},
{
    "channelCfi": [
        3,
        11,
        67,
        75,
        83,
        91,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        25.0,
        25.6,
        26.9,
        33.1,
        32.7,
        35.7,
        29.7,
        31.1
    ]
},
{
    "channelCfi": [
        7,
        71,
        87,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        28.0,
        29.9,
```

```
        35.7,
        32.7
      ]
    },
    {
      "channelCfi": [
        79
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        32.9
      ]
    }
  ],
  "requestId": "32607065",
  "availabilityExpireTime": "2025-09-16T05:51:52Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-15T05:55:24Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1492",
    "Connection": "Keep-Alive"
  },
  "body": {
```

```
"version": "1.4",
"availableSpectrumInquiryRequests": [
  {
    "requestId": "32607066",
    "deviceDescriptor": {
      "serialNumber": "W1700K2524000099",
      "certificationId": [
        {
          "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
          "id": "MXF-W1700K2"
        }
      ]
    },
    "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": 0
  }
]
}
}
```

2025-09-15T05:55:24Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 8.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 21.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },

```

```
"maxPsd": 10.0
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 13.2
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 15.4
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 21.3
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 16.0
},
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 10.2
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 12.5
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 9.0
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 19.5
},
{
    "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
    },
    "maxPsd": 15.8
},
{
    "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
```

```
    },
    "maxPsd": 10.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 20.1
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      129,
      133,
      137,
      141,
      161,
      165,
      169,
      173
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
```

```
        21.1,  
        34.5,  
        23.0,  
        26.2,  
        28.4,  
        33.1,  
        34.3,  
        29.0,  
        23.2,  
        28.5,  
        29.6,  
        25.5,  
        26.1,  
        22.0,  
        30.9,  
        24.2,  
        32.5,  
        28.8,  
        23.3,  
        33.1  
    ]  
},  
{  
    "channelCfi": [  
        19,  
        27,  
        35,  
        43,  
        51,  
        59,  
        131,  
        139,  
        163,  
        171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  

```

```
        24.1,  
        26.0,  
        31.4,  
        32.0,  
        26.2,  
        28.5,  
        25.0,  
        27.2,  
        31.8,  
        26.3  
    ]  
},  
{  
    "channelCfi": [  
        23,  
        39,  
        55,  
        135,  
        167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        27.1,  
        34.4,  
        29.2,  
        28.0,  
        29.3  
    ]  
},  
{  
    "channelCfi": [  
        47  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
        32.2  
    ]  
}
```

```
    }
  ],
  "requestId": "32607066",
  "availabilityExpireTime": "2025-09-16T05:55:24Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1

2025-09-15T06:01:34Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1492",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
      {
        "requestId": "92504328",
        "deviceDescriptor": {
          "serialNumber": "W1700K2524000099",
          "certificationId": [
            {
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
              "id": "MXF-W1700K2"
            }
          ]
        }
      }
    ]
  }
}
```

```
    }
  ]
},
"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": 0
}
]
}
}
```

2025-09-15T06:01:34Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 18.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 14.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 12.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
          },
          "maxPsd": 21.2
        }
      ]
    }
  ]
}
```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 14.9
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 20.6
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 17.4
},
{
  "frequencyRange": {
    "highFrequency": 6705,
```

```
        "lowFrequency": 6685
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 18.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 13.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 15.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 17.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
    },
```

```
        "maxPsd": 12.7
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 18.1
      }
    ],
    "availableChannelInfo": [
      {
        "channelCfi": [
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          145,
          149,
          153,
          157,
          161,
          165,
          169,
          173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
          31.2,
          27.9,
          25.6,
          34.2,
          34.4,
```

```
        27.9,  
        29.6,  
        33.6,  
        30.4,  
        25.7,  
        31.6,  
        26.4,  
        28.1,  
        30.8,  
        25.7,  
        31.1  
    ]  
},  
{  
    "channelCfi": [  
        35,  
        43,  
        51,  
        59,  
        147,  
        155,  
        163,  
        171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        30.9,  
        28.6,  
        30.9,  
        32.6,  
        28.7,  
        29.4,  
        31.1,  
        28.7  
    ]  
},  
{
```



```
"channelCfi": [
  39,
  55,
  151,
  167
],
"globalOperatingClass": 133,
"maxEirp": [
  31.6,
  33.9,
  31.7,
  31.7
]
},
{
  "channelCfi": [
    47
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    34.6
  ]
}
],
"requestId": "92504328",
"availabilityExpireTime": "2025-09-16T06:01:34Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2025-09-15T06:05:38Z

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

```
"Accept": "application/json",
"Content-Type": "application/json",
"Expect": "100-continue",
"X-Forwarded-For": "192.168.0.134",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "1492",
"Connection": "Keep-Alive"
},
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "92504329",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      }
    }
  ],
  "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": 0
}
]
```

2025-09-15T06:05:38Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 11.8
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 5985,
        "lowFrequency": 5965
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 18.8
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 9.1
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 10.3
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
```

```
    },
    "maxPsd": 14.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 14.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 12.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 20.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 18.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6345,
      "lowFrequency": 6325
    },
    "maxPsd": 16.4
  }
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 12.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
      },
      "maxPsd": 20.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 15.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 20.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 10.6
    },
    {

```

```
"frequencyRange": {
  "highFrequency": 6625,
  "lowFrequency": 6605
},
"maxPsd": 18.4
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.4
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      65,
      69,
      73,
      77,
      81,
```

```
      85,  
      89,  
      93,  
      129,  
      133,  
      137,  
      141  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
      24.8,  
      24.6,  
      23.5,  
      31.8,  
      22.1,  
      23.3,  
      27.0,  
      27.0,  
      25.6,  
      33.1,  
      31.0,  
      29.4,  
      25.1,  
      33.2,  
      28.8,  
      33.4,  
      23.6,  
      31.4,  
      34.1,  
      28.4  
    ]  
  },  
  {  
    "channelCfi": [  
      3,  
      11,  
      19,
```

```
        27,
        67,
        75,
        83,
        91,
        131,
        139
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        27.6,
        26.5,
        25.1,
        30.0,
        28.6,
        32.4,
        28.1,
        31.8,
        26.6,
        31.4
    ]
},
{
    "channelCfi": [
        7,
        23,
        71,
        87,
        135
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        29.5,
        28.1,
        31.6,
        31.1,
        29.6
    ]
}
```

```
    ]
  },
  {
    "channelCfi": [
      15,
      79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      31.1,
      34.1
    ]
  }
],
"requestId": "92504329",
"availabilityExpireTime": "2025-09-16T06:05:38Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1

2025-09-15T06:19:05Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.0.134",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1492",
    "Connection": "Keep-Alive"
  }
}
```

```
{,
"body": {
  "version": "1.4",
  "availableSpectrumInquiryRequests": [
    {
      "requestId": "51001776",
      "deviceDescriptor": {
        "serialNumber": "W1700K2524000099",
        "certificationId": [
          {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1700K2"
          }
        ]
      }
    }
  ],
},
"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": 0  
}  
]  
}  
}
```

2025-09-15T06:19:06Z

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 20.7  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 18.3  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,
```

```
        "lowFrequency": 5985
      },
      "maxPsd": 18.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 11.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 8.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 21.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 15.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
    },
```

```
"maxPsd": 21.0
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 11.7
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 10.6
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 14.0
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 14.6
},
}
```

```
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 10.5
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 15.5
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 11.9
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      49,
      53,
      57,
      61,
```

```
        65,
        69,
        73,
        77
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
        33.7,
        31.3,
        31.4,
        24.0,
        21.5,
        34.5,
        28.9,
        34.0,
        24.7,
        25.3,
        23.6,
        27.0,
        27.6,
        23.5,
        28.5,
        24.9
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        51,
        59,
        67,
        75
    ],
    "globalOperatingClass": 132,
```

```
"maxEirp": [  
    34.3,  
    27.0,  
    24.5,  
    31.9,  
    27.7,  
    26.6,  
    26.5,  
    27.9  
]  
,  
{  
    "channelCfi": [  
        7,  
        23,  
        55,  
        71  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        30.0,  
        27.5,  
        29.6,  
        29.5  
    ]  
},  
{  
    "channelCfi": [  
        15  
    ],  
    "globalOperatingClass": 134,  
    "maxEirp": [  
        30.5  
    ]  
}  
],  
"requestId": "51001776",
```