AFC DUT Compliance Test Report

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

3.1_10618-10621 10714.html[2025/2/27 上午 09:21:12]

AFC DUT Compliance Test Report

DUT Information

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

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)	PASS

Test Measurements

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

Measurements Name	Description	Value	Validation Result
	AFC DUT		

3.1_10625-10628 10715.html[2025/2/27 上午 09:21:16]

AFC DUT Compliance Test Report

AFC_DUT_SP_OPERATION	transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.8 dBm/MHz PSD, 33.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
	AFC DUT transmit power in the band is less		

3.1_10625-10628 10715.html[2025/2/27 上午 09:21:16]

AFC DUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (2.4 dBm/MHz PSD, 27.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz		

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AFC DUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	PSD) , SP limits (9.0 dBm/MHz PSD, 31.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (9.3 dBm/MHz PSD, 31.3 dBm EIRP) in Spectrum Reponse] on channel center frequency index 79 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

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AFC DUT Compliance Test Report

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.0 dBm/MHz PSD, 29.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 167 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
	Valid		

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

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS

AFC DUT Compliance Test Report

AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.4 dBm/MHz PSD, 27.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 155 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.8 dBm/MHz PSD, 27.8 dBm EIRP) in Spectrum Reponse] on channel center frequency index 171 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in	true	PASS

3.1_10625-10628 10715.html[2025/2/27 上午 09:21:16]

	adjacent frequencies		

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (18.3 dBm/MHz PSD, 31.3 dBm EIRP) in Spectrum Reponse] on channel 93 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available	true	PASS

AFC DUT Compliance Test Report

	Spectrum Inquiry Request		
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (17.1 dBm/MHz PSD, 30.1 dBm EIRP) in Spectrum Reponse] on channel 173 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

3.1_10625-10628 10715.html[2025/2/27 上午 09:21:16]

AFC Capability – Inquired Frequency

CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1

########################### 2025-02-24T06:32:40Z ###########################


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

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


############################ 2025-02-24T06:32:40Z ############################


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

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

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

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

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

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

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


############################ 2025-02-24T07:33:51Z ############################


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

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

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

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

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


############################ 2025-02-24T07:43:25Z ############################


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

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


############################# 2025-02-24T07:43:25Z ###########################

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

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

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

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

################################ 2025-02-24T07:55:36Z ################################

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

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

```
        ]
    }
}

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

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

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

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

############################    2025-02-24T07:58:47Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.179",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
```

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

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

############################    2025-02-24T07:58:48Z    ############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 15.2
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
```

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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1

########################### 2025-02-24T08:11:20Z ###########################


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

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

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


########################### 2025-02-24T08:11:20Z ###########################


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

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

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

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

############################    2025-02-24T08:14:15Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.179",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
```

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

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


########################### 2025-02-24T08:14:15Z ###########################


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

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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1

############################ 2025-02-24T08:49:41Z ############################


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

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

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

########################## 2025-02-24T08:49:41Z ##########################

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

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

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

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

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

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

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


############################## 2025-02-24T08:53:01Z ##############################


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

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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1

########################### 2025-02-24T09:06:58Z ###########################


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

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

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


############################## 2025-02-24T09:06:58Z ##############################


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

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

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

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

############################## 2025-02-24T09:09:38Z ##############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
```

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

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


############################## 2025-02-24T09:09:38Z ##############################


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

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

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

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

CT_AFC_SP_AP_AFCDRSA31_Frequency_320MHz_10713_1

############################ 2025-02-24T09:22:30Z ############################


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

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


############################ 2025-02-24T09:22:30Z ############################


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

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

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

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

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


########################## 2025-02-24T09:25:24Z ##########################


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

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

############################    2025-02-24T09:25:24Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

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

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

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

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

AFC Capability – Inquired Channel

CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1


```
############################    2025-02-25T01:30:36Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.50.179",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1365",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "75830684",
                "deviceDescriptor": {
                    "serialNumber": "W1701K2405000030",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1701K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.985869,
                            "latitude": 37.381933
                        },
                        "majorAxis": 150,
```

```
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
```

93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233
]

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

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

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

############################ 2025-02-25T01:30:36Z ############################

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

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

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

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

############################ 2025-02-25T01:33:33Z ############################

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

```
"location": {
    "ellipse": {
        "center": {
            "longitude": -121.985869,
            "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,
        "orientation": 0
    },
    "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
    },
    "indoorDeployment": 0
},
"inquiredChannels": [
    {
        "globalOperatingClass": 131,
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
```

65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,

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

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

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

############################    2025-02-25T01:33:34Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        1,
                        5,
                        9,
```

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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1

############################ 2025-02-25T01:43:04Z ############################


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

```
                "longitude": -121.985869,
                "latitude": 37.381933
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
```

77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,

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

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

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

########################## 2025-02-25T01:43:04Z ##########################

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

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

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

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

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

```
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
```

85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,

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

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

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


################################ 2025-02-25T01:46:11Z ################################


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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1

############################## 2025-02-25T01:53:24Z ##############################


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

```
"deviceDescriptor": {
    "serialNumber": "W1701K2405000030",
    "certificationId": [
        {
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
            "id": "MXF-W1701K"
        }
    ]
},
"location": {
    "ellipse": {
        "center": {
            "longitude": -121.985869,
            "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,
        "orientation": 0
    },
    "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
    },
    "indoorDeployment": 0
},
"inquiredChannels": [
    {
        "globalOperatingClass": 131,
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
```

29,
33,
37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,

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

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

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

############################    2025-02-25T01:53:24Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
```

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

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

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

############################    2025-02-25T01:56:16Z    ############################
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "libcrp/0.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Expect": "100-continue",
    "X-Forwarded-For": "192.168.50.179",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "1365",
    "Connection": "Keep-Alive"
  },
  "body": {
    "version": "1.4",
    "availableSpectrumInquiryRequests": [
        {
            "requestId": "17591529",
            "deviceDescriptor": {
                "serialNumber": "W1701K2405000030",
```

```
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "MXF-W1701K"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.985869,
                "latitude": 37.381933
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
```

37,
41,
45,
49,
53,
57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,

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

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

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

############################    2025-02-25T01:56:16Z    ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
```

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

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

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

CT_AFC_SP_AP_AFCDRSA31_Channel_160MHz_10621_1

############################ 2025-02-25T02:15:27Z ############################


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

```
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
```

93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,
205,
209,
213,
217,
221,
225,
229,
233
]

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

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

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

########################## 2025-02-25T02:15:27Z ##########################

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

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

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

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


############################## 2025-02-25T02:19:39Z ##############################


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

```
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.985869,
                "latitude": 37.381933
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
```

57,
61,
65,
69,
73,
77,
81,
85,
89,
93,
97,
101,
105,
109,
113,
117,
121,
125,
129,
133,
137,
141,
145,
149,
153,
157,
161,
165,
169,
173,
177,
181,
185,
189,
193,
197,
201,

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

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

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


########################### 2025-02-25T02:19:39Z ###########################


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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_Channel_320MHz_10714_1

########################### 2025-02-25T02:39:22Z ###########################


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

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

```
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                97,
                101,
                105,
                109,
                113,
                117,
                121,
```

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

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

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

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


########################### 2025-02-25T02:39:22Z ###########################


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

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

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

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

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

```
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.985869,
                "latitude": 37.381933
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
```

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

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

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

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

########################## 2025-02-25T02:45:01Z ##########################

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

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

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

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

AFC Capability – Inquired Frequency and Channel

CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1

########################### 2025-02-25T07:20:24Z ###########################


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

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

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

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

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

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

############################    2025-02-25T07:20:25Z    ############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
```

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

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

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

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

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

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


########################## 2025-02-25T07:23:22Z ##########################


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

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

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

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

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

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

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

############################    2025-02-25T07:23:22Z    ############################
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 9.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 15.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
```

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

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

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

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

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

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

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


CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1

############################ 2025-02-25T07:30:44Z ############################


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

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

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

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

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

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

```
    }
}

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

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

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

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

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

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


############################# 2025-02-25T07:33:22Z ###########################

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

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