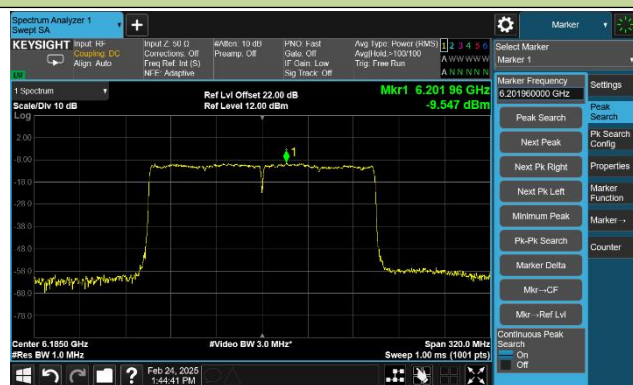


## 802.11be-EHT160 – Channel 47 (6185MHz) Power Spectral Density

Ant 0



Ant 1



Ant 2

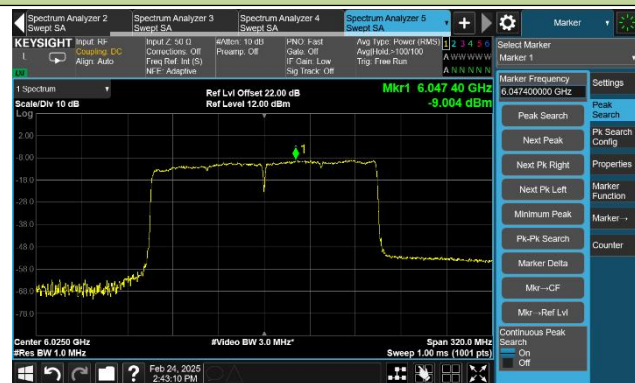


Ant 3



## 802.11be-EHT160 – Channel 15 (6025MHz) Power Spectral Density

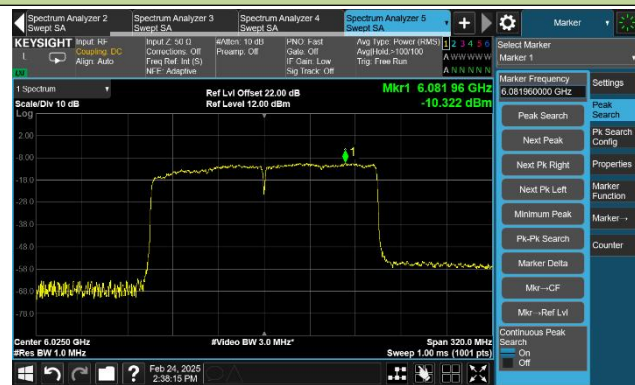
Ant 0



Ant 1



Ant 2



Ant 3

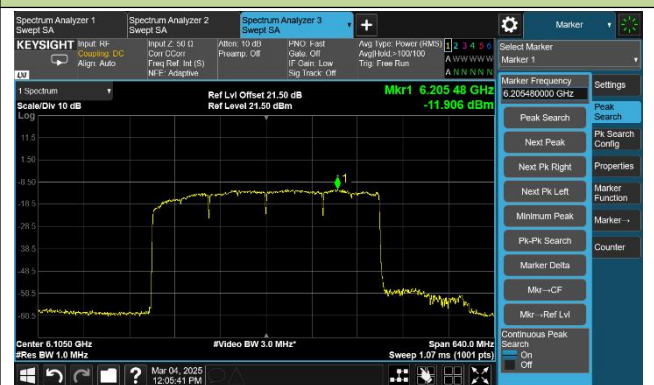


## 802.11be-EHT320 – Channel 31 (6105MHz) Power Spectral Density

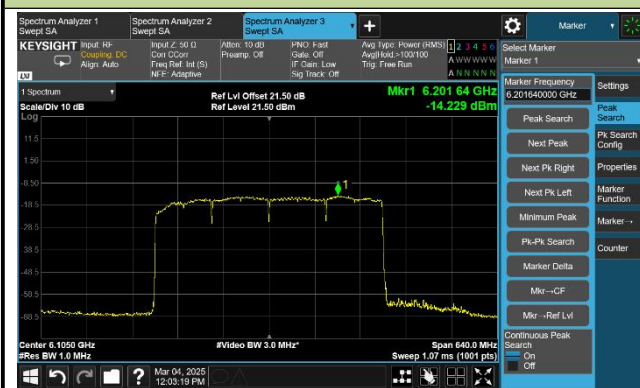
Ant 0



Ant 1



Ant 2



Ant 3



## 802.11be-EHT320 – Channel 63 (6265MHz) Power Spectral Density

Ant 0



Ant 1



Ant 2



Ant 3



##### 2025-02-07T06:35:50Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
"version": "1.4"

```

```
}
```

```
}
```

```
##### 2025-02-07T06:35:50Z #####
```

```
{
```

```
  "availableSpectrumInquiryResponses": [
```

```
    {
```

```
      "response": {
```

```
        "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
```

```
      },
```

```
      "availableFrequencyInfo": [
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5965,
```

```
            "lowFrequency": 5945
```

```
          },
```

```
          "maxPsd": 14.2
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5985,
```

```
            "lowFrequency": 5965
```

```
          },
```

```
          "maxPsd": 12.2
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6005,
```

```
            "lowFrequency": 5985
```

```
          },
```

```
          "maxPsd": 21.0
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6025,
```

```
            "lowFrequency": 6005
```

```
          },
```

```
          "maxPsd": 17.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 21.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 13.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 11.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 20.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 14.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6385,
```

```
        "lowFrequency": 6365
      },
      "maxPsd": 16.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 15.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 21.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 18.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.3
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 12.8
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      81,
      85,
      89,
      93,
      129,
      133,
      137,
      141
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      27.2,
      25.2,
      34.0,
      30.4,
      34.7,
      26.7,
      24.2,
      33.3,
      27.4,
```

```
        29.0,
        28.2,
        25.7,
        34.8,
        31.0,
        24.3,
        25.8
    ]
},
{
    "channelCfi": [
        3,
        11,
        35,
        43,
        83,
        91,
        131,
        139
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        28.2,
        33.4,
        29.7,
        27.2,
        30.4,
        28.7,
        34.0,
        27.3
    ]
},
{
    "channelCfi": [
        7,
        39,
        87,
        135
    ],
    ],
```

---

```

        "globalOperatingClass": 133,
        "maxEirp": [
            31.2,
            30.2,
            31.7,
            30.3
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 134,
        "maxEirp": []
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-08T06:35:50Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2025-02-07T07:03:43Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
        "X-Forwarded-For": "44.238.223.78",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "836",

```

```
"Connection": "Keep-Alive"
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ],
      "inquiredFrequencyRange": [
        {
          "highFrequency": 7125,
          "lowFrequency": 5925
        }
      ],
      "location": {
        "elevation": {
```

---

```

        "height": 4,
        "heightType": "AGL",
        "verticalUncertainty": 6
    },
    "ellipse": {
        "center": {
            "latitude": 37.774921,
            "longitude": -122.4194
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
    },
    "indoorDeployment": 1
},
"requestId": "VNS3M5804W",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
}
},
],
"version": "1.4"
}
}

```

```

##### 2025-02-07T07:03:43Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [

```

```
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 19.3
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 15.0
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 11.4
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 17.2
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
```

```
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 15.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 14.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 16.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6305,
      "lowFrequency": 6285
    },
    "maxPsd": 10.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6325,
      "lowFrequency": 6305
    },
    "maxPsd": 13.2
  },
  {
```

---

```
"frequencyRange": {
  "highFrequency": 6345,
  "lowFrequency": 6325
},
"maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 19.7
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 11.3
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 8.6
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 8.5
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
```

```
        "maxPsd": 19.9
      },
      {
        "frequencyRange": {
          "highFrequency": 6785,
          "lowFrequency": 6765
        },
        "maxPsd": 12.2
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 14.7
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 17.6
      }
    ],
    "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": [
        27.2,
        32.3,
        28.0,
        24.4,
        30.2,
        21.1,
        28.8,
        27.2,
        29.3,
        23.8,
        26.2,
        29.6,
        32.7,
        24.3,
        21.6,
        21.5,
        32.9,
        25.2,
        27.7,
        30.6
    ]
},
{
    "channelCfi": [
        19,
        27,
        51,
        59,
```

---

```
        67,  
        75,  
        147,  
        155,  
        163,  
        171  
    ],  
    "globalOperatingClass": 132,  
    "maxEirp": [  
        30.2,  
        27.4,  
        24.1,  
        30.2,  
        26.8,  
        29.2,  
        27.3,  
        24.5,  
        28.2,  
        30.7  
    ]  
},  
{  
    "channelCfi": [  
        23,  
        55,  
        71,  
        151,  
        167  
    ],  
    "globalOperatingClass": 133,  
    "maxEirp": [  
        30.4,  
        27.1,  
        29.8,  
        27.5,  
        31.2  
    ]  
},  
{
```

---

```
        "channelCfi": [],
        "globalOperatingClass": 134,
        "maxEirp": []
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-08T07:03:43Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2025-02-08T01:38:56Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
"version": "1.4"

```

```
}
```

```
}
```

```
##### 2025-02-08T01:38:56Z #####
```

```
{
```

```
  "availableSpectrumInquiryResponses": [
```

```
    {
```

```
      "response": {
```

```
        "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
```

```
      },
```

```
      "availableFrequencyInfo": [
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5965,
```

```
            "lowFrequency": 5945
```

```
          },
```

```
          "maxPsd": 19.3
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5985,
```

```
            "lowFrequency": 5965
```

```
          },
```

```
          "maxPsd": 12.1
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6005,
```

```
            "lowFrequency": 5985
```

```
          },
```

```
          "maxPsd": 18.3
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6025,
```

```
            "lowFrequency": 6005
```

```
          },
```

```
          "maxPsd": 9.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 10.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 9.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 11.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 21.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 21.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
```

```
        "lowFrequency": 6205
      },
      "maxPsd": 16.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 9.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 18.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 21.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 11.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 13.7
    },
  },
```

```
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 15.4
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      49,
      53,
      57,
      61,
      129,
      133,
      137,
      141
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      32.3,
      25.1,
      31.3,
      22.4,
      23.0,
      22.3,
      24.7,
      34.6,
      34.3,
```

```
        29.2,
        22.0,
        31.0,
        34.8,
        24.0,
        26.7,
        28.4
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        51,
        59,
        131,
        139
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        28.1,
        25.4,
        25.3,
        27.7,
        32.2,
        25.0,
        27.0,
        29.7
    ]
},
{
    "channelCfi": [
        7,
        23,
        55,
        135
    ],
    ,
```

---

```

        "globalOperatingClass": 133,
        "maxEirp": [
            28.4,
            28.3,
            28.0,
            30.0
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            31.3
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-09T01:38:56Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-02-08T02:06:30Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
    }
}

```

```
"X-Forwarded-For": "44.238.223.78",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "836",
"Connection": "Keep-Alive"
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ],
      "inquiredFrequencyRange": [
        {
          "highFrequency": 7125,
          "lowFrequency": 5925
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "location": {
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 6
    },
    "ellipse": {
      "center": {
        "latitude": 37.774921,
        "longitude": -122.4194
      },
      "majorAxis": 11,
      "minorAxis": 2,
      "orientation": 84.794651
    },
    "indoorDeployment": 1
  },
  "requestId": "VNS3M5804W",
  "vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
      "Request_State": "Event",
      "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
  }
},
{
  "version": "1.4"
}
}

```

```

##### 2025-02-08T02:06:30Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {

```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 15.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 17.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 15.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 12.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6285,
      "lowFrequency": 6265
    },
    "maxPsd": 16.3
  },
]
```

---

```
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 17.7
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 16.5
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 22.0
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 20.3
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
```

```
    },
    "maxPsd": 14.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6425,
      "lowFrequency": 6405
    },
    "maxPsd": 17.6
  },
  {
    "frequencyRange": {
      "highFrequency": 6685,
      "lowFrequency": 6665
    },
    "maxPsd": 19.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6705,
      "lowFrequency": 6685
    },
    "maxPsd": 17.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6725,
      "lowFrequency": 6705
    },
    "maxPsd": 15.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6745,
      "lowFrequency": 6725
    },
    "maxPsd": 12.4
  },
  {
```

---

```

        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 9.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 14.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 18.1
    }
],
"availableChannelInfo": [
    {
        "channelCfi": [
            33,
            37,
            41,
            45,
            65,
            69,
            73,
            77,

```

```
      81,  
      85,  
      89,  
      93,  
     145,  
     149,  
     153,  
     157,  
     161,  
     165,  
     169,  
     173  
  ],  
  "globalOperatingClass": 131,  
  "maxEirp": [  
    28.1,  
    30.7,  
    28.1,  
    25.2,  
    29.3,  
    30.7,  
    23.4,  
    29.5,  
    35.0,  
    33.3,  
    27.4,  
    30.6,  
    32.8,  
    30.8,  
    28.0,  
    25.4,  
    22.4,  
    27.2,  
    26.0,  
    31.1  
  ]  
},  
{  
  "channelCfi": [  

```

```
        35,
        43,
        67,
        75,
        83,
        91,
        147,
        155,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        31.1,
        28.2,
        32.3,
        26.4,
        36.0,
        30.4,
        33.8,
        28.4,
        25.4,
        29.0
    ]
},
{
    "channelCfi": [
        39,
        71,
        87,
        151,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        31.2,
        29.4,
        33.4,
        31.4,
```

---

```
                28.4
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                32.4
            ]
        },
        {
            "channelCfi": [],
            "globalOperatingClass": 137,
            "maxEirp": []
        }
    ],
    "requestId": "VNS3M5804W",
    "availabilityExpireTime": "2025-02-09T02:06:30Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2025-02-14T07:08:42Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
    "version": "1.4"

```

```
}
```

```
}
```

```
##### 2025-02-14T07:08:42Z #####
```

```
{
```

```
  "availableSpectrumInquiryResponses": [
```

```
    {
```

```
      "response": {
```

```
        "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
```

```
      },
```

```
      "availableFrequencyInfo": [
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6045,
```

```
            "lowFrequency": 6025
```

```
          },
```

```
          "maxPsd": 18.0
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6065,
```

```
            "lowFrequency": 6045
```

```
          },
```

```
          "maxPsd": 19.7
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6085,
```

```
            "lowFrequency": 6065
```

```
          },
```

```
          "maxPsd": 12.2
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6105,
```

```
            "lowFrequency": 6085
```

```
          },
```

```
          "maxPsd": 14.9
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6285,  
        "lowFrequency": 6265  
      },  
      "maxPsd": 12.2  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6305,  
        "lowFrequency": 6285  
      },  
      "maxPsd": 15.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6325,  
        "lowFrequency": 6305  
      },  
      "maxPsd": 20.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6345,  
        "lowFrequency": 6325  
      },  
      "maxPsd": 21.3  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6365,  
        "lowFrequency": 6345  
      },  
      "maxPsd": 8.8  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6385,
```

```
        "lowFrequency": 6365
      },
      "maxPsd": 21.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 21.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 10.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 21.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 17.4
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 16.5
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      17,
      21,
      25,
      29,
      65,
      69,
      73,
      77,
      81,
      85,
      89,
      93,
      145,
      149,
      153,
      157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      31.0,
      32.7,
      25.2,
      27.9,
      25.2,
      28.7,
      33.9,
      34.3,
      21.8,
```

```
        34.8,
        34.5,
        23.5,
        34.7,
        33.9,
        30.4,
        29.5
    ]
},
{
    "channelCfi": [
        19,
        27,
        67,
        75,
        83,
        91,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        34.0,
        28.2,
        28.2,
        36.0,
        24.8,
        26.5,
        36.0,
        32.5
    ]
},
{
    "channelCfi": [
        23,
        71,
        87,
        151
    ],
    ,
```

---

```

        "globalOperatingClass": 133,
        "maxEirp": [
            31.2,
            31.2,
            27.8,
            35.5
        ]
    },
    {
        "channelCfi": [
            79
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.8
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-15T07:08:42Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-02-14T07:21:59Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Accept-Encoding": "gzip",
    }
}

```

```
"X-Forwarded-For": "44.238.223.78",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "836",
"Connection": "Keep-Alive"
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ],
      "inquiredFrequencyRange": [
        {
          "highFrequency": 7125,
          "lowFrequency": 5925
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "location": {
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 6
    },
    "ellipse": {
      "center": {
        "latitude": 37.774921,
        "longitude": -122.4194
      },
      "majorAxis": 11,
      "minorAxis": 2,
      "orientation": 84.794651
    },
    "indoorDeployment": 1
  },
  "requestId": "VNS3M5804W",
  "vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
      "Request_State": "Event",
      "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
  }
},
{
  "version": "1.4"
}
}

```

```

##### 2025-02-14T07:21:59Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {

```

```
"responseCode": 0,
"shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
  {
    "frequencyRange": {
      "highFrequency": 5965,
      "lowFrequency": 5945
    },
    "maxPsd": 18.0
  },
  {
    "frequencyRange": {
      "highFrequency": 5985,
      "lowFrequency": 5965
    },
    "maxPsd": 10.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 17.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.9
  },
]
```

```
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 15.3
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
```

```
    },
    "maxPsd": 12.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 17.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6605,
      "lowFrequency": 6585
    },
    "maxPsd": 14.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6625,
      "lowFrequency": 6605
    },
    "maxPsd": 13.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6645,
      "lowFrequency": 6625
    },
    "maxPsd": 15.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6665,
      "lowFrequency": 6645
    },
    "maxPsd": 16.7
  },
  {
```

---

```

        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 21.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 20.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 13.9
    }
],
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            33,
            37,
            41,
            45,

```

```
    49,
    53,
    57,
    61,
    129,
    133,
    137,
    141,
    161,
    165,
    169,
    173
  ],
  "globalOperatingClass": 131,
  "maxEirp": [
    31.0,
    23.0,
    21.1,
    30.9,
    25.9,
    28.3,
    30.9,
    29.7,
    21.9,
    26.1,
    25.1,
    30.9,
    27.2,
    26.5,
    28.9,
    29.7,
    34.5,
    31.2,
    33.7,
    26.9
  ]
},
{
  "channelCfi": [
```

---

```
    3,
    11,
    35,
    43,
    51,
    59,
    131,
    139,
    163,
    171
  ],
  "globalOperatingClass": 132,
  "maxEirp": [
    26.0,
    24.1,
    28.9,
    32.7,
    24.9,
    28.1,
    29.5,
    31.9,
    34.2,
    29.9
  ]
},
{
  "channelCfi": [
    7,
    39,
    55,
    135,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    27.1,
    31.9,
    27.9,
    32.5,
```

```

        32.9
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.9
      ]
    },
    {
      "channelCfi": [],
      "globalOperatingClass": 137,
      "maxEirp": []
    }
  ],
  "requestId": "VNS3M5804W",
  "availabilityExpireTime": "2025-02-15T07:21:59Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2025-02-14T07:27:14Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  }
}

```

```
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ],
      "inquiredFrequencyRange": [
        {
          "highFrequency": 7125,
          "lowFrequency": 5925
        }
      ],
      "location": {
        "elevation": {
          "height": 4,
```

```

        "heightType": "AGL",
        "verticalUncertainty": 6
    },
    "ellipse": {
        "center": {
            "latitude": 37.774921,
            "longitude": -122.4194
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
    },
    "indoorDeployment": 1
},
"requestId": "VNS3M5804W",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
}
},
],
"version": "1.4"
}
}

```

```

##### 2025-02-14T07:27:14Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {

```

```
"frequencyRange": {
  "highFrequency": 5965,
  "lowFrequency": 5945
},
"maxPsd": 18.0
},
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 10.0
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 12.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
```

```
"maxPsd": 15.3
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6185,
    "lowFrequency": 6165
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 12.1
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 17.9
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 14.2
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 13.5
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 16.7
},
{
    "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
    },
    "maxPsd": 21.5
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 18.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 20.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
      },
      "maxPsd": 13.9
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        129,
```

```
        133,  
        137,  
        141,  
        161,  
        165,  
        169,  
        173  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
        31.0,  
        23.0,  
        21.1,  
        30.9,  
        25.9,  
        28.3,  
        30.9,  
        29.7,  
        21.9,  
        26.1,  
        25.1,  
        30.9,  
        27.2,  
        26.5,  
        28.9,  
        29.7,  
        34.5,  
        31.2,  
        33.7,  
        26.9  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        35,  
        43,  
        51,
```

```
        59,
        131,
        139,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        26.0,
        24.1,
        28.9,
        32.7,
        24.9,
        28.1,
        29.5,
        31.9,
        34.2,
        29.9
    ]
},
{
    "channelCfi": [
        7,
        39,
        55,
        135,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.1,
        31.9,
        27.9,
        32.5,
        32.9
    ]
},
{
    "channelCfi": [
```

---

```

        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        30.9
      ]
    },
    {
      "channelCfi": [],
      "globalOperatingClass": 137,
      "maxEirp": []
    }
  ],
  "requestId": "VNS3M5804W",
  "availabilityExpireTime": "2025-02-15T07:27:14Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2025-02-14T07:32:15Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {

```

```
"certificationId": [  
  {  
    "id": "Q9DAPIN0755",  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
  }  
],  
"serialNumber": "VNS3M5804W"  
},  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131  
  },  
  {  
    "globalOperatingClass": 132  
  },  
  {  
    "globalOperatingClass": 133  
  },  
  {  
    "globalOperatingClass": 134  
  },  
  {  
    "globalOperatingClass": 137  
  }  
],  
"inquiredFrequencyRange": [  
  {  
    "highFrequency": 7125,  
    "lowFrequency": 5925  
  }  
],  
"location": {  
  "elevation": {  
    "height": 4,  
    "heightType": "AGL",  
    "verticalUncertainty": 6  
  },  
  "ellipse": {  
    "center": {
```

```

        "latitude": 37.774921,
        "longitude": -122.4194
    },
    "majorAxis": 11,
    "minorAxis": 2,
    "orientation": 84.794651
},
"indoorDeployment": 1
},
"requestId": "VNS3M5804W",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
}
},
],
"version": "1.4"
}
}

```

```

##### 2025-02-14T07:32:15Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 18.0
                }
            ]
        }
    ]
}

```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
      },
      "maxPsd": 10.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 8.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 17.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 12.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 15.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
```

```
        "lowFrequency": 6145
      },
      "maxPsd": 17.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 16.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 8.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 13.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 12.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 17.9
    },
  },
```

```
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
  "maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 15.9
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 21.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
```

```
    },
    "maxPsd": 18.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6805,
      "lowFrequency": 6785
    },
    "maxPsd": 20.7
  },
  {
    "frequencyRange": {
      "highFrequency": 6825,
      "lowFrequency": 6805
    },
    "maxPsd": 13.9
  }
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      129,
      133,
      137,
      141,
      161,
      165,
```

```
        169,  
        173  
    ],  
    "globalOperatingClass": 131,  
    "maxEirp": [  
        31.0,  
        23.0,  
        21.1,  
        30.9,  
        25.9,  
        28.3,  
        30.9,  
        29.7,  
        21.9,  
        26.1,  
        25.1,  
        30.9,  
        27.2,  
        26.5,  
        28.9,  
        29.7,  
        34.5,  
        31.2,  
        33.7,  
        26.9  
    ]  
},  
{  
    "channelCfi": [  
        3,  
        11,  
        35,  
        43,  
        51,  
        59,  
        131,  
        139,  
        163,  
        171
```

```
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        26.0,
        24.1,
        28.9,
        32.7,
        24.9,
        28.1,
        29.5,
        31.9,
        34.2,
        29.9
    ]
},
{
    "channelCfi": [
        7,
        39,
        55,
        135,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.1,
        31.9,
        27.9,
        32.5,
        32.9
    ]
},
{
    "channelCfi": [
        47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.9
```

```

        ]
      },
      {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
      }
    ],
    "requestId": "VNS3M5804W",
    "availabilityExpireTime": "2025-02-15T07:32:15Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}

```

```

##### 2025-02-14T07:37:16Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ]
        }
      }
    ]
  }
}

```

```
    ],
    "serialNumber": "VNS3M5804W"
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    },
    {
      "globalOperatingClass": 132
    },
    {
      "globalOperatingClass": 133
    },
    {
      "globalOperatingClass": 134
    },
    {
      "globalOperatingClass": 137
    }
  ],
  "inquiredFrequencyRange": [
    {
      "highFrequency": 7125,
      "lowFrequency": 5925
    }
  ],
  "location": {
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 6
    },
    "ellipse": {
      "center": {
        "latitude": 37.774921,
        "longitude": -122.4194
      },
      "majorAxis": 11,
      "minorAxis": 2,
```

```

        "orientation": 84.794651
      },
      "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}
}

```

```

##### 2025-02-14T07:37:16Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 18.0
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965

```

```
    },
    "maxPsd": 10.0
  },
  {
    "frequencyRange": {
      "highFrequency": 6005,
      "lowFrequency": 5985
    },
    "maxPsd": 8.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6025,
      "lowFrequency": 6005
    },
    "maxPsd": 17.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 12.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 15.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 17.9
  },
  {
```

---

```
"frequencyRange": {
  "highFrequency": 6185,
  "lowFrequency": 6165
},
"maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6205,
    "lowFrequency": 6185
  },
  "maxPsd": 8.9
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 13.1
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": 12.1
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6605,
    "lowFrequency": 6585
  },
```

```
"maxPsd": 14.2
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 15.9
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 16.7
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 21.5
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 18.2
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6805,
        "lowFrequency": 6785
    },
    "maxPsd": 20.7
},
{
    "frequencyRange": {
        "highFrequency": 6825,
        "lowFrequency": 6805
    },
    "maxPsd": 13.9
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            129,
            133,
            137,
            141,
            161,
            165,
            169,
            173
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
```

---

```
        31.0,
        23.0,
        21.1,
        30.9,
        25.9,
        28.3,
        30.9,
        29.7,
        21.9,
        26.1,
        25.1,
        30.9,
        27.2,
        26.5,
        28.9,
        29.7,
        34.5,
        31.2,
        33.7,
        26.9
    ]
},
{
    "channelCfi": [
        3,
        11,
        35,
        43,
        51,
        59,
        131,
        139,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        26.0,
        24.1,
```

```
        28.9,
        32.7,
        24.9,
        28.1,
        29.5,
        31.9,
        34.2,
        29.9
    ]
},
{
    "channelCfi": [
        7,
        39,
        55,
        135,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.1,
        31.9,
        27.9,
        32.5,
        32.9
    ]
},
{
    "channelCfi": [
        47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.9
    ]
},
{
    "channelCfi": [],
    "globalOperatingClass": 137,
```

---

```
        "maxEirp": []
      }
    ],
    "requestId": "VNS3M5804W",
    "availabilityExpireTime": "2025-02-15T07:37:16Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
  }
],
"version": "1.4"
}
```

##### 2025-02-24T05:56:42Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
    "version": "1.4"

```

```
}
```

```
}
```

```
##### 2025-02-24T05:56:42Z #####
```

```
{
```

```
  "availableSpectrumInquiryResponses": [
```

```
    {
```

```
      "response": {
```

```
        "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
```

```
      },
```

```
      "availableFrequencyInfo": [
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6125,
```

```
            "lowFrequency": 6105
```

```
          },
```

```
          "maxPsd": 17.0
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6145,
```

```
            "lowFrequency": 6125
```

```
          },
```

```
          "maxPsd": 18.5
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6165,
```

```
            "lowFrequency": 6145
```

```
          },
```

```
          "maxPsd": 14.2
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6185,
```

```
            "lowFrequency": 6165
```

```
          },
```

```
          "maxPsd": 11.3
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 22.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 20.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
      },
      "maxPsd": 17.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 15.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
```

```
        "lowFrequency": 6605
      },
      "maxPsd": 19.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 15.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 19.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 21.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 8.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 16.3
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 19.9
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      30.0,
      31.5,
      27.2,
      24.3,
      27.1,
      35.0,
      33.2,
      30.1,
      28.3,
```

```
        32.0,
        28.4,
        32.7,
        34.2,
        21.0,
        29.3,
        32.9
    ]
},
{
    "channelCfi": [
        35,
        43,
        51,
        59,
        131,
        139,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        33.0,
        27.3,
        30.1,
        33.1,
        31.3,
        31.4,
        24.0,
        32.3
    ]
},
{
    "channelCfi": [
        39,
        55,
        135,
        151
    ],
    ],
```

---

```

        "globalOperatingClass": 133,
        "maxEirp": [
            30.3,
            33.1,
            34.3,
            27.0
        ]
    },
    {
        "channelCfi": [
            47,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            33.3,
            30.0
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-25T05:56:42Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2025-02-24T06:17:34Z #####
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "Go-http-client/1.1",
        "Accept": "application/json",

```

```
"Content-Type": "application/json",
"Accept-Encoding": "gzip",
"X-Forwarded-For": "44.238.223.78",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "836",
"Connection": "Keep-Alive"
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ],
      "inquiredFrequencyRange": [
        {
```

---

```

        "highFrequency": 7125,
        "lowFrequency": 5925
    }
],
"location": {
    "elevation": {
        "height": 4,
        "heightType": "AGL",
        "verticalUncertainty": 6
    },
    "ellipse": {
        "center": {
            "latitude": 37.774921,
            "longitude": -122.4194
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
    },
    "indoorDeployment": 1
},
"requestId": "VNS3M5804W",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
}
},
"version": "1.4"
}
}

```

```

##### 2025-02-24T06:17:35Z #####
{
    "availableSpectrumInquiryResponses": [

```

```
{
  "response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
  },
  "availableFrequencyInfo": [
    {
      "frequencyRange": {
        "highFrequency": 5965,
        "lowFrequency": 5945
      },
      "maxPsd": 21.3
    },
    {
      "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
      },
      "maxPsd": 17.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 8.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 17.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },

```

```
"maxPsd": 19.8
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 21.4
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 13.4
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 17.4
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 20.5
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 16.6
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 8.9
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 18.1
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 10.5
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 11.2
}
```

```
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        34.3,
        30.3,
        21.1,
        30.8,
        32.8,
        34.4,
        26.4,
        30.6,
        30.4,
        33.5,
        29.6,
        21.9,
        31.1,
        24.6,
        23.5,
```

```
                24.2
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                67,
                75,
                83,
                91
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                33.3,
                24.1,
                35.8,
                29.4,
                33.4,
                24.9,
                27.6,
                26.5
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                71,
                87
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.1,
                32.4,
                27.9,
                29.5
```

```
    ]
  },
  {
    "channelCfi": [
      15,
      79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      30.1,
      30.9
    ]
  },
  {
    "channelCfi": [],
    "globalOperatingClass": 137,
    "maxEirp": []
  }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-25T06:17:35Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

##### 2025-03-04T08:31:09Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
    "version": "1.4"

```

```
}
```

```
}
```

```
##### 2025-03-04T08:31:09Z #####
```

```
{
```

```
  "availableSpectrumInquiryResponses": [
```

```
    {
```

```
      "response": {
```

```
        "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
```

```
      },
```

```
      "availableFrequencyInfo": [
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5965,
```

```
            "lowFrequency": 5945
```

```
          },
```

```
          "maxPsd": 15.8
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5985,
```

```
            "lowFrequency": 5965
```

```
          },
```

```
          "maxPsd": 15.5
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6005,
```

```
            "lowFrequency": 5985
```

```
          },
```

```
          "maxPsd": 10.3
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6025,
```

```
            "lowFrequency": 6005
```

```
          },
```

```
          "maxPsd": 11.4
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 17.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 14.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 10.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 12.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 9.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
```

```
        "lowFrequency": 6125
      },
      "maxPsd": 14.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 18.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 15.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 17.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 13.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 15.4
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 20.6
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      33,
      37,
      41,
      45,
      49,
      53,
      57,
      61
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      28.8,
      28.5,
      23.3,
      24.4,
      30.0,
      27.2,
      23.9,
      25.4,
      22.5,
```

```
        27.0,
        31.4,
        28.7,
        30.6,
        26.0,
        28.4,
        33.6
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
        59
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        31.5,
        26.3,
        30.2,
        26.9,
        25.5,
        31.7,
        29.0,
        31.4
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55
    ],
    ],
```

---

```

        "globalOperatingClass": 133,
        "maxEirp": [
            29.3,
            29.9,
            28.5,
            32.0
        ]
    },
    {
        "channelCfi": [
            15,
            47
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            32.3,
            31.5
        ]
    },
    {
        "channelCfi": [
            31
        ],
        "globalOperatingClass": 137,
        "maxEirp": [
            34.6
        ]
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-03-05T08:31:09Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

##### 2025-03-04T08:43:31Z #####

{

```
"headers": {
  "Host": "testserver.wfatestorg.org",
  "User-Agent": "Go-http-client/1.1",
  "Accept": "application/json",
  "Content-Type": "application/json",
  "Accept-Encoding": "gzip",
  "X-Forwarded-For": "44.238.223.78",
  "X-Forwarded-Host": "testserver.wfatestorg.org",
  "X-Forwarded-Server": "testserver.wfatestorg.org",
  "Content-Length": "836",
  "Connection": "Keep-Alive"
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "inquiredFrequencyRange": [
    {
      "highFrequency": 7125,
      "lowFrequency": 5925
    }
  ],
  "location": {
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 6
    },
    "ellipse": {
      "center": {
        "latitude": 37.774921,
        "longitude": -122.4194
      },
      "majorAxis": 11,
      "minorAxis": 2,
      "orientation": 84.794651
    },
    "indoorDeployment": 1
  },
  "requestId": "VNS3M5804W",
  "vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
      "Request_State": "Event",
      "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
  }
},
{
  "version": "1.4"
}
}

```

##### 2025-03-04T08:43:31Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 0.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 8.5
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": -0.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
          },
          "maxPsd": 1.3
        },
        {
```

```
"frequencyRange": {
  "highFrequency": 6205,
  "lowFrequency": 6185
},
"maxPsd": 7.5
},
{
  "frequencyRange": {
    "highFrequency": 6225,
    "lowFrequency": 6205
  },
  "maxPsd": 0.4
},
{
  "frequencyRange": {
    "highFrequency": 6245,
    "lowFrequency": 6225
  },
  "maxPsd": -0.6
},
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 8.1
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 5.9
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
```

```
"maxPsd": 3.0
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 3.0
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 1.3
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 3.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 11.8
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 9.3
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 3.8
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        13.0,
        21.5,
        13.0,
        14.3,
        20.5,
        13.4,
        12.4,
        21.1,
        18.9,
        16.0,
        16.0,
```

```
        14.3,
        16.1,
        24.8,
        22.3,
        16.8
    ]
},
{
    "channelCfi": [
        51,
        59,
        67,
        75,
        83,
        91
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        16.4,
        15.4,
        19.0,
        17.3,
        19.1,
        19.8
    ]
},
{
    "channelCfi": [
        55,
        71,
        87
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        18.4,
        20.3,
        22.1
    ]
},
```

---

```
{
  "channelCfi": [
    47,
    79
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    21.4,
    23.3
  ]
},
{
  "channelCfi": [
    63
  ],
  "globalOperatingClass": 137,
  "maxEirp": [
    24.5
  ]
}
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-03-05T08:43:31Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

## A.2 Unsuccessful Spectrum Access Request

|           |            |               |          |
|-----------|------------|---------------|----------|
| Test Site | WZ-SR5     | Test Engineer | Dandy Li |
| Test Date | 2025-03-04 |               |          |

### AFC DUT Compliance Test Report

#### DUT Information

|                   |                              |
|-------------------|------------------------------|
| AFC DUT System    | Standard Power AP with Proxy |
| DUT Vendor Name   | Hewlett Packard Enterprise   |
| DUT Product Model | APIN0754                     |

#### Test Result

| FCC Requirements                                                   | TestCaseName                                                                                          | Test Result |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------|
| 15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii) | CT_AFC_SP_AP_AFCUS32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request) | PASS        |

#### Test Measurements

TestCaseName: CT\_AFC\_SP\_AP\_AFCUS32\_FrequencyChannel\_10629\_1 (Unsuccessful registration and spectrum access request)  
TestResult: PASS  
Band: 6GHz

| Measurements Name                        | Description                                                                           | Value | Validation Result |
|------------------------------------------|---------------------------------------------------------------------------------------|-------|-------------------|
| AFC_DUT_SP_OPERATION                     | AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response | false | PASS              |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST     | AFC DUT sends an Available Spectrum Inquiry Request                                   | true  | PASS              |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID    | Valid mandatory registration information                                              | true  | PASS              |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE | AFC DUT conforms to the conditions in the Spectrum Inquiry Response                   | true  | PASS              |

##### 2025-03-04T10:54:28Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
"version": "1.4"

```

```
}
}

##### 2025-03-04T10:54:28Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "VNS3M5804W",
      "availabilityExpireTime": "2025-03-05T10:54:28Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

### A.3 Successful Spectrum Access Update

|           |            |               |          |
|-----------|------------|---------------|----------|
| Test Site | WZ-SR5     | Test Engineer | Dandy Li |
| Test Date | 2025-02-07 |               |          |

#### AFC DUT Compliance Test Report

##### DUT Information

|                   |                              |
|-------------------|------------------------------|
| AFC DUT System    | Standard Power AP with Proxy |
| DUT Vendor Name   | Hewlett Packard Enterprise   |
| DUT Product Model | APIV0754                     |

##### Test Result

| FCC Requirements                                   | TestCaseName                                                                        | Test Result |
|----------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i) | CT_AFC_SP_AP_AFCDSAUS3_FrequencyChannel_10630_1 (Successful spectrum access update) | PASS        |

##### Test Measurements

TestCaseName: CT\_AFC\_SP\_AP\_AFCDSAUS3\_FrequencyChannel\_10630\_1 (Successful spectrum access update)  
TestResult: PASS  
Band: 6GHz

| Measurements Name                                       | Description                                                                                                            | Value | Validation Result |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------|-------------------|
| AFC_DUT_SP_OPERATION_1                                  | AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response                                  | false | PASS              |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST                    | AFC DUT sends an Available Spectrum Inquiry Request                                                                    | true  | PASS              |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1                 | Valid mandatory registration information                                                                               | true  | PASS              |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1              | AFC DUT conforms to the conditions in Spectrum Response (13.6 dBm/MHz PSD, 26.6 dBm EIRP) on channel 133 bandwidth 20. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1 | AFC DUT conforms to not exceed emissions limits in adjacent frequencies                                                | true  | PASS              |
| AFC_DUT_SP_OPERATION_NO_REQ                             | AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case                                   | false | PASS              |

##### 2025-02-07T07:41:37Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
    "version": "1.4"

```

```
}
```

```
}
```

```
##### 2025-02-07T07:41:37Z #####
```

```
{
```

```
  "availableSpectrumInquiryResponses": [
```

```
    {
```

```
      "response": {
```

```
        "responseCode": 0,
```

```
        "shortDescription": "SUCCESS"
```

```
      },
```

```
      "availableFrequencyInfo": [
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5965,
```

```
            "lowFrequency": 5945
```

```
          },
```

```
          "maxPsd": 8.6
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 5985,
```

```
            "lowFrequency": 5965
```

```
          },
```

```
          "maxPsd": 20.5
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6005,
```

```
            "lowFrequency": 5985
```

```
          },
```

```
          "maxPsd": 18.1
```

```
        },
```

```
        {
```

```
          "frequencyRange": {
```

```
            "highFrequency": 6025,
```

```
            "lowFrequency": 6005
```

```
          },
```

```
          "maxPsd": 8.8
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },
      "maxPsd": 19.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 14.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
      },
      "maxPsd": 21.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
      },
      "maxPsd": 17.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 8.1
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
```

```
        "lowFrequency": 6605
      },
      "maxPsd": 13.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 10.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 12.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 14.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 21.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 20.3
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6825,
    "lowFrequency": 6805
  },
  "maxPsd": 19.1
}
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      17,
      21,
      25,
      29,
      129,
      133,
      137,
      141,
      161,
      165,
      169,
      173
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      21.6,
      33.5,
      31.1,
      21.8,
      32.0,
      27.1,
      34.5,
      30.8,
      21.1,
```

```
        26.6,
        23.5,
        25.7,
        27.2,
        34.0,
        33.3,
        32.1
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        131,
        139,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        24.6,
        24.8,
        30.1,
        33.8,
        24.1,
        26.5,
        30.2,
        35.1
    ]
},
{
    "channelCfi": [
        7,
        23,
        135,
        167
    ],
    ,
```

---

```
        "globalOperatingClass": 133,
        "maxEirp": [
            27.6,
            33.1,
            27.1,
            33.2
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            30.6
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-08T07:41:37Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

| Test Mode      | Channel No. | Freq. (MHz) | Average Power (dBm) |       |       |       | Duty Cycle (%) | EIRP (dBm) | AFC Response Limit (dBm) |
|----------------|-------------|-------------|---------------------|-------|-------|-------|----------------|------------|--------------------------|
|                |             |             | Ant 0               | Ant 1 | Ant 2 | Ant 3 |                |            |                          |
| 802.11be-EHT20 | 133         | 6615        | 7.89                | 8.21  | 7.66  | 8.90  | 91.92          | 15.80      | 26.60                    |

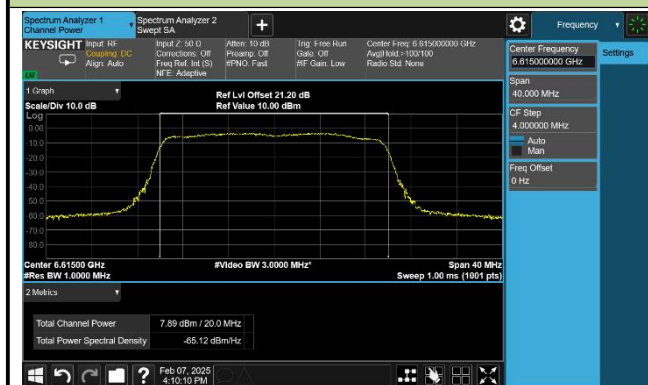
Note: EIRP (dBm) =  $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\} + \text{Directional Gain for Power (dBi)} + 10 \cdot \log (1/\text{Duty Cycle})$ .

| Test Mode      | Channel No. | Freq. (MHz) | PSD (dBm/MHz) |        |        |        | Duty Cycle (%) | EIRP PSD (dBm/MHz) | AFC Response Limit (dBm/MHz) |
|----------------|-------------|-------------|---------------|--------|--------|--------|----------------|--------------------|------------------------------|
|                |             |             | Ant 0         | Ant 1  | Ant 2  | Ant 3  |                |                    |                              |
| 802.11be-EHT20 | 133         | 6615        | -2.995        | -2.214 | -3.487 | -2.400 | 91.92          | 7.741              | 13.60                        |

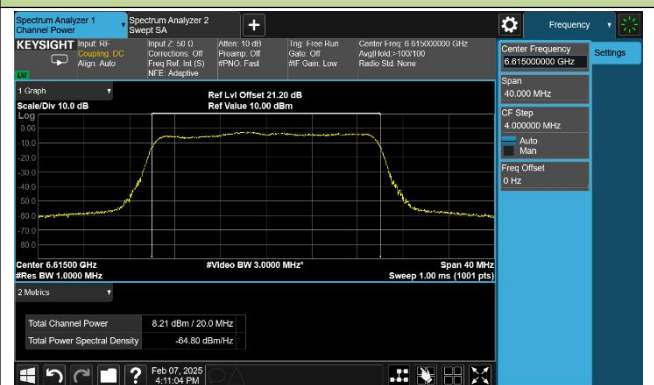
Note: EIRP PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 PSD} / 10)} + 10^{(\text{Ant 1 PSD} / 10)} + 10^{(\text{Ant 2 PSD} / 10)} + 10^{(\text{Ant 3 PSD} / 10)}\} (\text{dBm/MHz}) + 10 \cdot \log (1/\text{Duty Cycle}) + \text{Directional Gain for PSD (dBi)}$ .

## 802.11be-EHT20 – Channel 133 6615MHz) Average Power

Ant 0



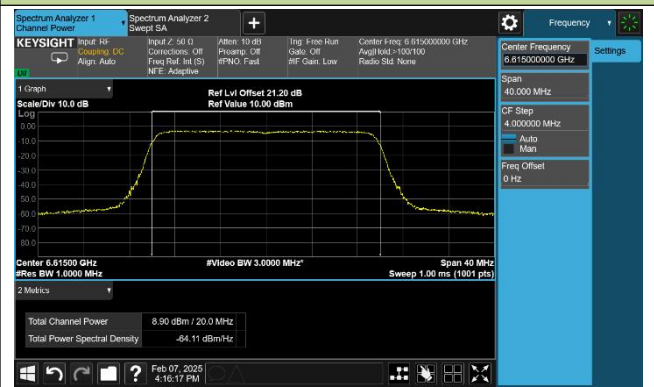
Ant 1



Ant 2



Ant 3



## 802.11be-EHT20 – Channel 5 (5975MHz) Power Spectral Density

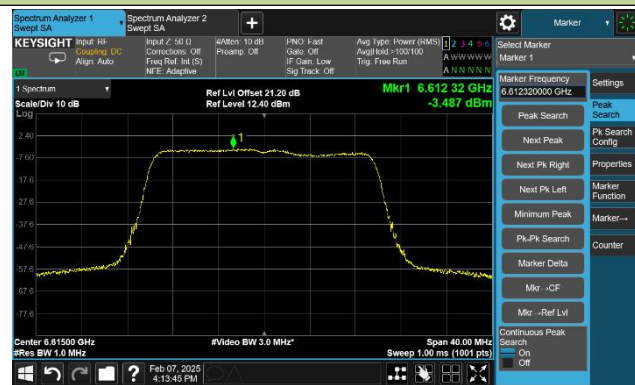
Ant 0



Ant 1



Ant 2



Ant 3



## A.4 Unsuccessful Spectrum Access Update

|           |            |               |          |
|-----------|------------|---------------|----------|
| Test Site | WZ-SR5     | Test Engineer | Dandy Li |
| Test Date | 2025-02-07 |               |          |

### AFC DUT Compliance Test Report

#### DUT Information

|                   |                              |
|-------------------|------------------------------|
| AFC DUT System    | Standard Power AP with Proxy |
| DUT Vendor Name   | Hewlett Packard Enterprise   |
| DUT Product Model | APIIN0754                    |

#### Test Result

| FCC Requirements                                   | TestCaseName                                                                                           | Test Result |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------|
| 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i) | <a href="#">CT_AFC_SP_AP_AFCDUUAU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)</a> | PASS        |

#### Test Measurements

TestCaseName: CT\_AFC\_SP\_AP\_AFCDUUAU34\_FrequencyChannel\_10631\_1 (Unsuccessful spectrum access update)  
 TestResult: PASS  
 Band: 6GHz

| Measurements Name                                     | Description                                                                                                         | Value | Validation Result |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------|-------------------|
| AFC_DUT_SP_OPERATION                                  | AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response                               | false | PASS              |
| AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST                  | AFC DUT sends an Available Spectrum Inquiry Request                                                                 | true  | PASS              |
| AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1               | Valid mandatory registration information                                                                            | true  | PASS              |
| AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1            | AFC DUT conforms to the conditions in Spectrum Response (23 dBm/MHz PSD, 36.0 dBm EIRP) on channel 85 bandwidth 20. | true  | PASS              |
| AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS | AFC DUT conforms to not exceed emissions limits in adjacent frequencies                                             | true  | PASS              |
| AFC_DUT_SP_OPERATION_NO_REQ                           | AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case                                | false | PASS              |

##### 2025-02-07T09:40:00Z #####

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNS3M5804W"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
        }
    }
},
    "version": "1.4"

```

```
}
}

##### 2025-02-07T09:40:00Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5945,
            "lowFrequency": 5925
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 23
        }
      ]
    }
  ]
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6025,  
        "lowFrequency": 6005  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6045,  
        "lowFrequency": 6025  
      },  
      "maxPsd": 23  
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        "lowFrequency": 6045  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6085,  
        "lowFrequency": 6065  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
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        "lowFrequency": 6085  
      },  
      "maxPsd": 23  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6125,
```

```
        "lowFrequency": 6105
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 23
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6265,
    "lowFrequency": 6245
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6285,
    "lowFrequency": 6265
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
```

```

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

```

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

```

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

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

```
37,  
41,  
45,  
49,  
53,  
57,  
61,  
65,  
69,  
73,  
77,  
81,  
85,  
89,  
93,  
117,  
121,  
125,  
129,  
133,  
137,  
141,  
145,  
149,  
153,  
157,  
161,  
165,  
169,  
173,  
177,  
181  
],  
"globalOperatingClass": 131,  
"maxEirp": [  
36.0,  
36.0,  
36.0,  
36.0,
```

[illegible]

]

$$\},$$

[illegible]

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

```

    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        36.0,
        36.0,
        36.0,
        36.0
    ]
}
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-08T09:40:00Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2025-02-07T09:45:00Z #####
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "44.238.223.78",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPIN0755",

```

```
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      },
    ],
    "serialNumber": "VNS3M5804W"
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    },
    {
      "globalOperatingClass": 132
    },
    {
      "globalOperatingClass": 133
    },
    {
      "globalOperatingClass": 134
    },
    {
      "globalOperatingClass": 137
    }
  ],
  "inquiredFrequencyRange": [
    {
      "highFrequency": 7125,
      "lowFrequency": 5925
    }
  ],
  "location": {
    "elevation": {
      "height": 4,
      "heightType": "AGL",
      "verticalUncertainty": 6
    },
    "ellipse": {
      "center": {
        "latitude": 37.774921,
        "longitude": -122.4194
      },
    },
  },
```

```

        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
    },
    "indoorDeployment": 1
},
"requestId": "VNS3M5804W",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
}
},
],
"version": "1.4"
}
}

```

```

##### 2025-02-07T09:45:00Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5945,
                        "lowFrequency": 5925
                    },
                    "maxPsd": 23
                },
                {
                    "frequencyRange": {

```

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

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

```
        "lowFrequency": 6165
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 23
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    {
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        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 23
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        "lowFrequency": 6245
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      "frequencyRange": {
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        "lowFrequency": 6265
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 23
    },
  ],
```

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

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

---

```
"frequencyRange": {
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  "lowFrequency": 6625
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },

```

```
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6765,
          "lowFrequency": 6745
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6785,
          "lowFrequency": 6765
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
```

```
        "highFrequency": 6865,
        "lowFrequency": 6845
      },
      "maxPsd": 23
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        117,
        121,
        125,
        129,
        133,
        137,
```

[illegible]

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

```

179
],
"globalOperatingClass": 132,
"maxEirp": [
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
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    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0,
    36.0
]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55,
        71,
        87,
        135,
        151,
        167
    ],
    "globalOperatingClass": 133,

```

```

        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0,
            36.0
        ]
    },
    {
        "channelCfi": [
            15,
            47,
            79,
            143
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            36.0,
            36.0,
            36.0,
            36.0
        ]
    }
],
"requestId": "VNS3M5804W",
"availabilityExpireTime": "2025-02-08T09:45:00Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

##### 2025-02-07T09:50:02Z #####

```

{
    "headers": {

```

```
"Host": "testserver.wfatestorg.org",
"User-Agent": "Go-http-client/1.1",
"Accept": "application/json",
"Content-Type": "application/json",
"Accept-Encoding": "gzip",
"X-Forwarded-For": "44.238.223.78",
"X-Forwarded-Host": "testserver.wfatestorg.org",
"X-Forwarded-Server": "testserver.wfatestorg.org",
"Content-Length": "836",
"Connection": "Keep-Alive"
},
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPIN0755",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "VNS3M5804W"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        },
        {
          "globalOperatingClass": 137
        }
      ]
    }
  ]
}
```

```

    ],
    "inquiredFrequencyRange": [
      {
        "highFrequency": 7125,
        "lowFrequency": 5925
      }
    ],
    "location": {
      "elevation": {
        "height": 4,
        "heightType": "AGL",
        "verticalUncertainty": 6
      },
      "ellipse": {
        "center": {
          "latitude": 37.774921,
          "longitude": -122.4194
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
      },
      "indoorDeployment": 1
    },
    "requestId": "VNS3M5804W",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

##### 2025-02-07T09:50:02Z #####

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5945,
            "lowFrequency": 5925
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 23
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6025,
        "lowFrequency": 6005
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 23
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 23
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      "maxPsd": 23
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      "maxPsd": 23
    },
  ],
```

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{
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    "lowFrequency": 6385
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},
{
  "frequencyRange": {
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  "maxPsd": 23
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{
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  },
  "maxPsd": 23
},
{
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    "lowFrequency": 6545
  },
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},
{
  "frequencyRange": {
    "highFrequency": 6585,
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    },
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  },
  {
```

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    "lowFrequency": 6705
  },
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  "frequencyRange": {
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    "lowFrequency": 6725
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
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    "lowFrequency": 6765
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },

```

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        "maxPsd": 23
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        "frequencyRange": {
          "highFrequency": 6825,
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        "maxPsd": 23
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        "maxPsd": 23
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        "maxPsd": 23
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          9,
          13,
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          33,
          37,
          41,
          45,
```

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49,  
53,  
57,  
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69,  
73,  
77,  
81,  
85,  
89,  
93,  
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121,  
125,  
129,  
133,  
137,  
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157,  
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169,  
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177,  
181  
],  
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36.0,  
36.0,  
36.0,
```

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    36.0,  
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    36.0,  
    36.0,  
    36.0,  
    36.0  
  ]  
,  
{  
  "channelCfi": [  
    3,
```

[illegible]

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        36.0,
        36.0
    ]
},
{
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        71,
        87,
        135,
        151,
        167
    ],
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        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0,
        36.0
    ]
},
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        47,
        79,
        143
    ],
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    "maxEirp": [
```

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        36.0,  
        36.0,  
        36.0,  
        36.0  
    ]  
  }  
],  
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  "availabilityExpireTime": "2025-02-08T09:50:02Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
  "version": "1.4"  
}
```

| Test Mode      | Channel No. | Freq. (MHz) | Average Power (dBm) |       |       |       | Duty Cycle (%) | EIRP (dBm) | AFC Response Limit (dBm) |
|----------------|-------------|-------------|---------------------|-------|-------|-------|----------------|------------|--------------------------|
|                |             |             | Ant 0               | Ant 1 | Ant 2 | Ant 3 |                |            |                          |
| 802.11be-EHT20 | 37          | 6375        | 6.65                | 7.20  | 5.85  | 7.96  | 91.92          | 14.51      | 36.00                    |

Note: EIRP (dBm) =  $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\} + \text{Directional Gain for Power (dBi)} + 10 \cdot \log (1/\text{Duty Cycle})$ .

| Test Mode      | Channel No. | Freq. (MHz) | PSD (dBm/MHz) |        |        |        | Duty Cycle (%) | EIRP PSD (dBm/MHz) | AFC Response Limit (dBm/MHz) |
|----------------|-------------|-------------|---------------|--------|--------|--------|----------------|--------------------|------------------------------|
|                |             |             | Ant 0         | Ant 1  | Ant 2  | Ant 3  |                |                    |                              |
| 802.11be-EHT20 | 37          | 6375        | -4.879        | -3.971 | -5.548 | -3.642 | 91.92          | 6.040              | 23.00                        |

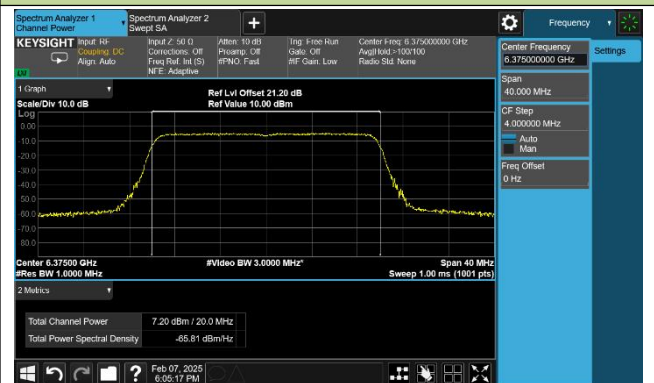
Note: EIRP PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 PSD} / 10)} + 10^{(\text{Ant 1 PSD} / 10)} + 10^{(\text{Ant 2 PSD} / 10)} + 10^{(\text{Ant 3 PSD} / 10)}\} (\text{dBm/MHz}) + 10 \cdot \log (1/\text{Duty Cycle}) + \text{Directional Gain for PSD (dBi)}$ .

## 802.11be-EHT20 – Channel 37 6375MHz) Average Power

Ant 0



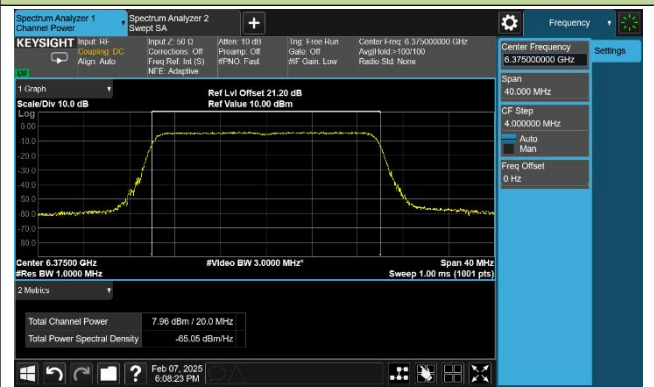
Ant 1



Ant 2

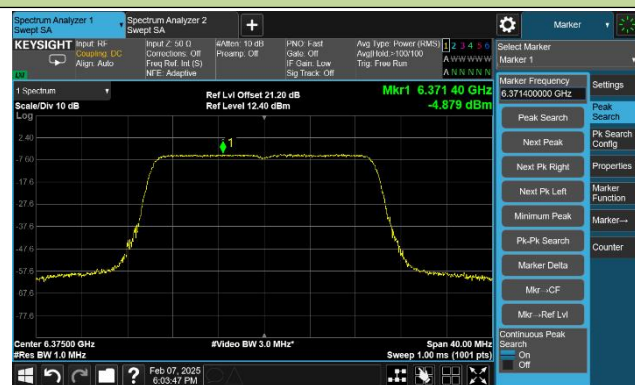


Ant 3



## 802.11be-EHT20 – Channel 37 (6375MHz) Power Spectral Density

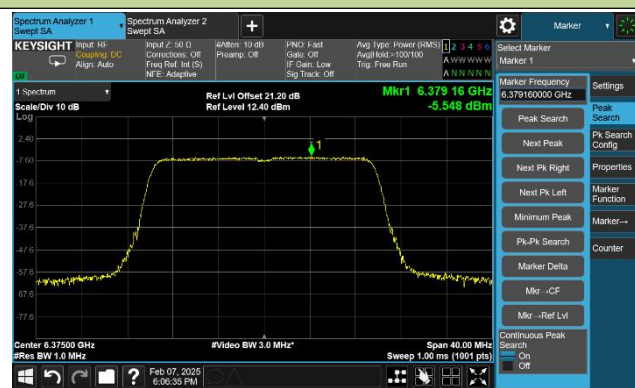
Ant 0



Ant 1



Ant 2



Ant 3



## A.5 Unsuccessful Server Validation

|           |            |               |          |
|-----------|------------|---------------|----------|
| Test Site | WZ-SR5     | Test Engineer | Dandy Li |
| Test Date | 2025-03-04 |               |          |

### AFC DUT Compliance Test Report

#### DUT Information

|                   |                              |
|-------------------|------------------------------|
| AFC DUT System    | Standard Power AP with Proxy |
| DUT Vendor Name   | Hewlett Packard Enterprise   |
| DUT Product Model | API0754                      |

#### Test Result

| FCC Requirements | TestCaseName                                                                                                         | Test Result |
|------------------|----------------------------------------------------------------------------------------------------------------------|-------------|
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)</a>               | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)</a>    | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)</a> | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)</a>   | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)</a>      | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)</a>         | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)</a>        | PASS        |
| 15.407(k)(8)(v)  | <a href="#">CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)</a>            | PASS        |

#### Test Measurements

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDUSV35\_NoRootCA\_10639\_1 (Unsuccessful server validation)  
TestResult:PASS  
Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDUSV35\_TLSCipherSuiteENULL\_10638\_1 (Unsuccessful server validation)  
TestResult:PASS  
Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDUSV35\_StapledOCSPRespExpired\_10637\_1 (Unsuccessful server validation)  
TestResult:PASS  
Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDUSV35\_OCSPStaplingDisabled\_10636\_1 (Unsuccessful server validation)  
TestResult:PASS  
Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDSV35\_ServerCertRevoked\_10635\_1 (Unsuccessful server validation)

TestResult:PASS

Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDSV35\_MatchSuffixSAN\_10634\_1 (Unsuccessful server validation)

TestResult:PASS

Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDSV35\_DifferentRootCA\_10633\_1 (Unsuccessful server validation)

TestResult:PASS

Band:6GHz

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

TestCaseName: CT\_AFC\_ServerValidation\_AP\_AFCDSV35\_NonMatchSAN\_10632\_1 (Unsuccessful server validation)

TestResult:PASS

Band:6GHz

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

## **Appendix B – Test Setup Photograph**

Refer to “R25S1006038-UT” file.

## **Appendix C – EUT Photograph**

Refer to “R25S1006038-UE” file.

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The End

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