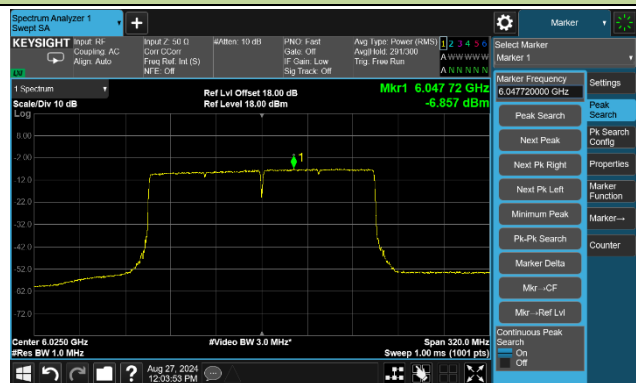
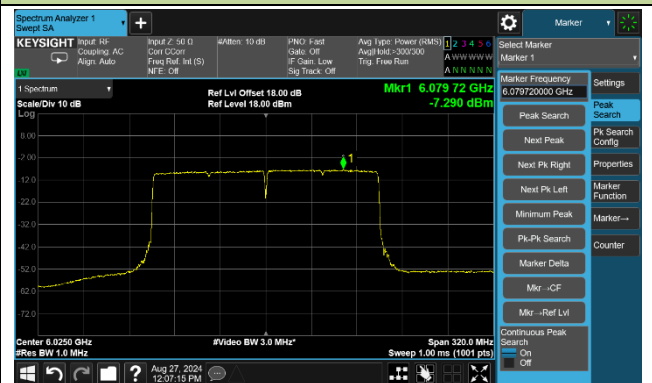


802.11ax-HE160 – Channel 15 (6025MHz) Power Spectral Density

Ant 0

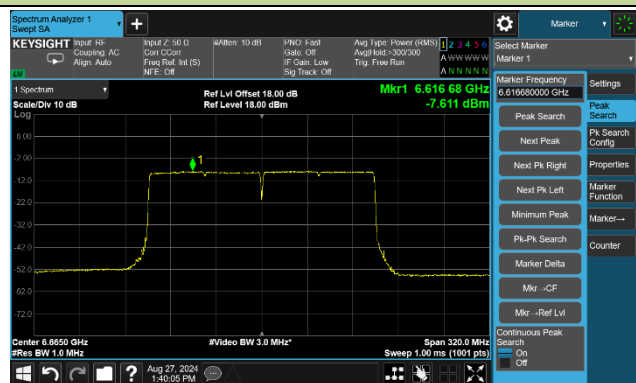


Ant 1

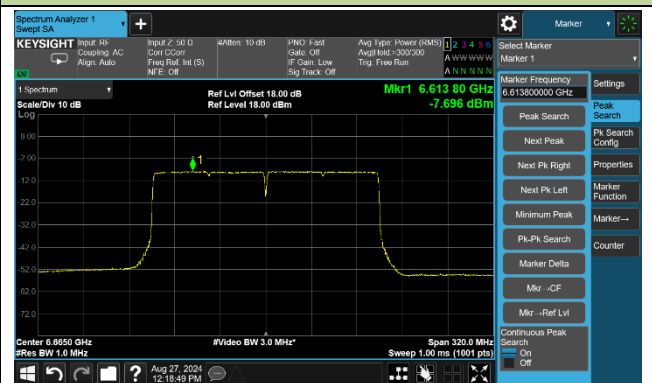


802.11ax-HE160 – Channel 143 (6665MHz) Power Spectral Density

Ant 0



Ant 1



2024-08-26T01:27:29Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-08-26T01:27:29Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
          },
          "maxPsd": 20.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
          },
          "maxPsd": 16.3
        },
        {
          "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
          },
          "maxPsd": 17.0
        },
        {
          "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
          },
          "maxPsd": 13.7
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 15.0
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 8.3
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 13.7
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 17.1
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 11.6
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 11.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 15.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 19.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 21.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
```

```
        "lowFrequency": 6645
      },
      "maxPsd": 11.5
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        33,
        37,
        41,
        45,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        129,
        133,
        137,
        141
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        33.2,
        29.3,
        30.0,
        26.7,
        28.0,
        21.3,
        25.5,
        26.7,
        30.1,
        24.6,
        24.3,
        28.6,
```

```
        32.2,
        34.7,
        24.9,
        24.5
    ]
},
{
    "channelCfi": [
        35,
        43,
        67,
        75,
        83,
        91,
        131,
        139
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        32.3,
        29.7,
        24.3,
        28.5,
        27.6,
        27.3,
        35.2,
        27.5
    ]
},
{
    "channelCfi": [
        39,
        71,
        87,
        135
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        32.7,
```

```

                27.3,
                30.3,
                30.5
            ]
        },
        {
            "channelCfi": [
                79
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.3
            ]
        }
    ],
    "requestId": "CNQQLWY00Y",
    "availabilityExpireTime": "2024-08-27T01:27:29Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-08-26T01:58:29Z #####
{
    "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": "810",
        "Connection": "Keep-Alive"
    },
    "body": {
        "availableSpectrumInquiryRequests": [

```

```
{
  "deviceDescriptor": {
    "certificationId": [
      {
        "id": "Q9DAPEX0674579",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      }
    ],
    "serialNumber": "CNQQLWY00Y"
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    },
    {
      "globalOperatingClass": 132
    },
    {
      "globalOperatingClass": 133
    },
    {
      "globalOperatingClass": 134
    }
  ],
  "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": "CNQQLWY00Y",
  "vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
      "Request_State": "Event",
      "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
  }
}

],
"version": "1.4"
}
}

##### 2024-08-26T01:58:30Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 12.7
        },
      ],
    }
  ],

```

```
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 16.5
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 11.8
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 21.6
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 11.3
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 18.3
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
```

```
    },
    "maxPsd": 16.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 15.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 15.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 20.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 15.7
  },
  {
```

```
"frequencyRange": {
  "highFrequency": 6685,
  "lowFrequency": 6665
},
"maxPsd": 20.9
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },
  "maxPsd": 10.3
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 11.5
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 15.1
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },

```

```

        "maxPsd": 20.2
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 16.0
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 16.2
      }
    ],
    "availableChannelInfo": [
      {
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          49,
          53,
          57,
          61,
          145,
          149,
          153,
          157,
          161,
          165,
          169,

```

```
173
],
"globalOperatingClass": 131,
"maxEirp": [
  25.7,
  29.5,
  24.8,
  34.6,
  24.3,
  31.3,
  29.4,
  25.4,
  28.5,
  28.5,
  33.2,
  28.7,
  33.9,
  23.3,
  24.5,
  30.6,
  28.1,
  33.2,
  29.0,
  29.2
]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    51,
    59,
    147,
    155,
    163,
    171
  ],

```

```
"globalOperatingClass": 132,
  "maxEirp": [
    28.7,
    27.8,
    27.3,
    28.4,
    31.5,
    31.7,
    26.3,
    27.5,
    31.1,
    32.0
  ]
},
{
  "channelCfi": [
    7,
    23,
    55,
    151,
    167
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    30.8,
    30.3,
    34.5,
    29.3,
    34.1
  ]
},
{
  "channelCfi": [
    15
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    33.3
  ]
}
```

```
    }  
  ],  
  "requestId": "CNQQLWY00Y",  
  "availabilityExpireTime": "2024-08-27T01:58:30Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

2024-08-28T01:56:27Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-08-28T01:56:27Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 21.2
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 12.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 19.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 13.2
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 12.3
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 20.0
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 11.0
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 14.8
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 18.0
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
      },
      "maxPsd": 13.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
      },
      "maxPsd": 14.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6765,
        "lowFrequency": 6745
      },
      "maxPsd": 17.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6785,
        "lowFrequency": 6765
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6805,
        "lowFrequency": 6785
      },
      "maxPsd": 19.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6825,
```

```
        "lowFrequency": 6805
      },
      "maxPsd": 18.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        65,
        69,
        73,
        77,
        81,
        85,
        89,
        93,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        34.2,
        25.6,
        32.2,
        26.2,
        25.3,
        33.0,
        24.0,
        27.8,
        22.7,
        31.0,
        26.9,
        27.8,
```

```
        30.0,
        33.9,
        32.0,
        31.3
    ]
},
{
    "channelCfi": [
        3,
        11,
        67,
        75,
        83,
        91,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        28.6,
        29.2,
        28.3,
        27.0,
        25.7,
        29.9,
        33.0,
        34.3
    ]
},
{
    "channelCfi": [
        7,
        71,
        87,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        31.6,
```

```

        30.0,
        28.7,
        36.0
    ]
},
{
    "channelCfi": [
        79
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        31.7
    ]
}
],
"requestId": "CNQQLWY00Y",
"availabilityExpireTime": "2024-08-29T01:56:27Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2024-08-28T02:14:20Z #####
{
    "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": "810",
        "Connection": "Keep-Alive"
    },
    "body": {
        "availableSpectrumInquiryRequests": [

```

```
{
  "deviceDescriptor": {
    "certificationId": [
      {
        "id": "Q9DAPEX0674579",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      }
    ],
    "serialNumber": "CNQQLWY00Y"
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    },
    {
      "globalOperatingClass": 132
    },
    {
      "globalOperatingClass": 133
    },
    {
      "globalOperatingClass": 134
    }
  ],
  "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": "CNQQLWY00Y",
  "vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
      "Request_State": "Event",
      "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
  }
},
],
"version": "1.4"
}
}

##### 2024-08-28T02:14:20Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 19.9
        },

```

```
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 15.0
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 13.5
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 14.6
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 17.9
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.9
},
{
  "frequencyRange": {
    "highFrequency": 6165,
    "lowFrequency": 6145
```

```

    },
    "maxPsd": 8.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 13.5
  },
  {
    "frequencyRange": {
      "highFrequency": 6205,
      "lowFrequency": 6185
    },
    "maxPsd": 11.2
  },
  {
    "frequencyRange": {
      "highFrequency": 6225,
      "lowFrequency": 6205
    },
    "maxPsd": 8.3
  },
  {
    "frequencyRange": {
      "highFrequency": 6245,
      "lowFrequency": 6225
    },
    "maxPsd": 12.9
  },
  {
    "frequencyRange": {
      "highFrequency": 6265,
      "lowFrequency": 6245
    },
    "maxPsd": 10.6
  },
  {

```

```
"frequencyRange": {
  "highFrequency": 6605,
  "lowFrequency": 6585
},
"maxPsd": 9.0
},
{
  "frequencyRange": {
    "highFrequency": 6625,
    "lowFrequency": 6605
  },
  "maxPsd": 9.8
},
{
  "frequencyRange": {
    "highFrequency": 6645,
    "lowFrequency": 6625
  },
  "maxPsd": 12.6
},
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
    "highFrequency": 6685,
    "lowFrequency": 6665
  },
  "maxPsd": 10.4
},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
  },

```

```
        "maxPsd": 19.4
      },
      {
        "frequencyRange": {
          "highFrequency": 6725,
          "lowFrequency": 6705
        },
        "maxPsd": 21.8
      },
      {
        "frequencyRange": {
          "highFrequency": 6745,
          "lowFrequency": 6725
        },
        "maxPsd": 16.7
      }
    ],
    "availableChannelInfo": [
      {
        "channelCfi": [
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          49,
          53,
          57,
          61,
          129,
          133,
          137,
          141,
          145,
          149,
          153,
```

```
157
],
"globalOperatingClass": 131,
"maxEirp": [
  32.9,
  28.0,
  26.5,
  27.6,
  30.9,
  34.9,
  21.3,
  26.5,
  24.2,
  21.3,
  25.9,
  23.6,
  22.0,
  22.8,
  25.6,
  34.8,
  23.4,
  32.4,
  34.8,
  29.7
]
},
{
  "channelCfi": [
    19,
    27,
    35,
    43,
    51,
    59,
    131,
    139,
    147,
    155
  ],

```

```
"globalOperatingClass": 132,
  "maxEirp": [
    31.0,
    29.5,
    33.9,
    24.3,
    24.3,
    26.6,
    25.0,
    28.6,
    26.4,
    32.7
  ]
},
{
  "channelCfi": [
    23,
    39,
    55,
    135,
    151
  ],
  "globalOperatingClass": 133,
  "maxEirp": [
    32.5,
    27.3,
    27.3,
    28.0,
    29.4
  ]
},
{
  "channelCfi": [
    47,
    143
  ],
  "globalOperatingClass": 134,
  "maxEirp": [
    30.3,
```

```
        31.0
      ]
    }
  ],
  "requestId": "CNQQLWY00Y",
  "availabilityExpireTime": "2024-08-29T02:14:20Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

2024-08-28T06:16:51Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-08-28T06:16:51Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
          },
          "maxPsd": 11.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
          },
          "maxPsd": 10.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
          },
          "maxPsd": 20.4
        },
        {
          "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
          },
          "maxPsd": 11.7
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 11.2
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 11.9
},
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 16.5
},
{
    "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
    },
    "maxPsd": 21.7
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 10.0
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 11.0
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 11.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
      },
      "maxPsd": 13.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 11.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 13.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 17.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
```

```
        "lowFrequency": 6725
      },
      "maxPsd": 16.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        49,
        53,
        57,
        61,
        65,
        69,
        73,
        77,
        129,
        133,
        137,
        141,
        145,
        149,
        153,
        157
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        24.4,
        23.1,
        33.4,
        24.7,
        24.2,
        24.9,
        29.5,
        34.7,
        23.0,
        24.0,
        24.2,
        26.0,
```

```
        24.6,
        26.0,
        30.4,
        29.3
    ]
},
{
    "channelCfi": [
        51,
        59,
        67,
        75,
        131,
        139,
        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        26.1,
        27.7,
        27.2,
        32.5,
        26.0,
        27.2,
        27.6,
        32.3
    ]
},
{
    "channelCfi": [
        55,
        71,
        135,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        29.1,
```

```

        30.2,
        29.0,
        30.6
    ]
},
{
    "channelCfi": [
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        32.0
    ]
}
],
"requestId": "CNQQLWY00Y",
"availabilityExpireTime": "2024-08-29T06:16:51Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

##### 2024-08-28T06:32:58Z #####
{
    "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": "810",
        "Connection": "Keep-Alive"
    },
    "body": {
        "availableSpectrumInquiryRequests": [

```

```
{
  "deviceDescriptor": {
    "certificationId": [
      {
        "id": "Q9DAPEX0674579",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      }
    ],
    "serialNumber": "CNQQLWY00Y"
  },
  "inquiredChannels": [
    {
      "globalOperatingClass": 131
    },
    {
      "globalOperatingClass": 132
    },
    {
      "globalOperatingClass": 133
    },
    {
      "globalOperatingClass": 134
    }
  ],
  "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": "CNQQLWY00Y",
  "vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
      "Request_State": "Event",
      "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
  }
},
{
  "version": "1.4"
}
]
}

##### 2024-08-28T06:32:58Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 15.3
        },
      ],
    }
  ],
}
```

```
{
  "frequencyRange": {
    "highFrequency": 5985,
    "lowFrequency": 5965
  },
  "maxPsd": 9.0
},
{
  "frequencyRange": {
    "highFrequency": 6005,
    "lowFrequency": 5985
  },
  "maxPsd": 17.5
},
{
  "frequencyRange": {
    "highFrequency": 6025,
    "lowFrequency": 6005
  },
  "maxPsd": 14.9
},
{
  "frequencyRange": {
    "highFrequency": 6045,
    "lowFrequency": 6025
  },
  "maxPsd": 16.6
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 19.2
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
```

```

    },
    "maxPsd": 8.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6105,
      "lowFrequency": 6085
    },
    "maxPsd": 21.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6125,
      "lowFrequency": 6105
    },
    "maxPsd": 10.8
  },
  {
    "frequencyRange": {
      "highFrequency": 6145,
      "lowFrequency": 6125
    },
    "maxPsd": 19.1
  },
  {
    "frequencyRange": {
      "highFrequency": 6165,
      "lowFrequency": 6145
    },
    "maxPsd": 12.4
  },
  {
    "frequencyRange": {
      "highFrequency": 6185,
      "lowFrequency": 6165
    },
    "maxPsd": 18.6
  },
  {

```

```
"frequencyRange": {
  "highFrequency": 6365,
  "lowFrequency": 6345
},
"maxPsd": 19.1
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 15.4
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 13.9
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 12.9
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 12.3
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
```

```

        "maxPsd": 19.5
      },
      {
        "frequencyRange": {
          "highFrequency": 6805,
          "lowFrequency": 6785
        },
        "maxPsd": 10.1
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 9.4
      }
    ],
    "availableChannelInfo": [
      {
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,
          81,
          85,
          89,
          93,
          161,
          165,
          169,

```

```
173
],
"globalOperatingClass": 131,
"maxEirp": [
  28.3,
  22.0,
  30.5,
  27.9,
  29.6,
  32.2,
  21.4,
  34.4,
  23.8,
  32.1,
  25.4,
  31.6,
  32.1,
  28.4,
  26.9,
  25.9,
  25.3,
  32.5,
  23.1,
  22.4
]
},
{
  "channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    83,
    91,
    163,
    171
  ],

```

```

    "globalOperatingClass": 132,
    "maxEirp": [
        25.0,
        30.9,
        32.6,
        24.4,
        26.8,
        28.4,
        31.4,
        28.9,
        28.3,
        25.4
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        87,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        28.0,
        27.4,
        29.8,
        31.9,
        28.4
    ]
},
{
    "channelCfi": [
        15
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.4
    ]
}

```

```
    }  
  ],  
  "requestId": "CNQQLWY00Y",  
  "availabilityExpireTime": "2024-08-29T06:32:58Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
"version": "1.4"  
}
```

2024-08-27T03:16:09Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-08-27T03:16:09Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.6
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 17.2
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 16.6
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 11.9
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 12.0
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 19.7
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 17.3
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 21.9
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 16.0
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 20.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 9.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
      },
      "maxPsd": 18.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
      },
      "maxPsd": 9.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
      },
      "maxPsd": 16.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6265,
```

```
        "lowFrequency": 6245
      },
      "maxPsd": 17.3
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        27.6,
        30.2,
        29.6,
        24.9,
        25.0,
        21.4,
        32.7,
        30.3,
        34.9,
        29.0,
        33.9,
        22.8,
```

```
        31.3,
        22.4,
        29.8,
        30.3
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        51,
        59
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        30.6,
        27.9,
        24.4,
        33.3,
        32.0,
        25.8,
        25.4,
        32.8
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        55
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        30.9,
```

```

                27.4,
                28.8,
                28.4
            ]
        },
        {
            "channelCfi": [
                15,
                47
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.4,
                31.4
            ]
        }
    ],
    "requestId": "CNQQLWY00Y",
    "availabilityExpireTime": "2024-08-28T03:16:09Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}

```

```

##### 2024-08-27T03:53:16Z #####
{
    "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": "810",
        "Connection": "Keep-Alive"
    },

```

```
"body": {
  "availableSpectrumInquiryRequests": [
    {
      "deviceDescriptor": {
        "certificationId": [
          {
            "id": "Q9DAPEX0674579",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
          }
        ],
        "serialNumber": "CNQQLWY00Y"
      },
      "inquiredChannels": [
        {
          "globalOperatingClass": 131
        },
        {
          "globalOperatingClass": 132
        },
        {
          "globalOperatingClass": 133
        },
        {
          "globalOperatingClass": 134
        }
      ],
      "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": "CNQQLWY00Y",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
    }
}
}
],
"version": "1.4"
}
}

```

```

##### 2024-08-27T03:53:16Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6285,
                        "lowFrequency": 6265
                    },

```

```
"maxPsd": 17.6
},
{
  "frequencyRange": {
    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 8.4
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
  },
  "maxPsd": 8.4
},
{
  "frequencyRange": {
    "highFrequency": 6345,
    "lowFrequency": 6325
  },
  "maxPsd": 9.8
},
{
  "frequencyRange": {
    "highFrequency": 6365,
    "lowFrequency": 6345
  },
  "maxPsd": 12.8
},
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 21.1
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 21.0
},
{
    "frequencyRange": {
        "highFrequency": 6425,
        "lowFrequency": 6405
    },
    "maxPsd": 14.3
},
{
    "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
    },
    "maxPsd": 21.1
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 20.5
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 20.9
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 12.2
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
      },
      "maxPsd": 16.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
      },
      "maxPsd": 18.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6725,
        "lowFrequency": 6705
      },
      "maxPsd": 11.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6745,
        "lowFrequency": 6725
      },
      "maxPsd": 19.9
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        65,
        69,
        73,
        77,
        81,
        85,
```

```
      89,
      93,
      129,
      133,
      137,
      141,
      145,
      149,
      153,
      157
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      30.6,
      21.4,
      21.4,
      22.8,
      25.8,
      34.1,
      34.0,
      27.3,
      34.1,
      33.5,
      33.9,
      25.2,
      29.4,
      31.8,
      24.4,
      32.9
    ]
  },
  {
    "channelCfi": [
      67,
      75,
      83,
      91,
      131,
      139,
```

```

        147,
        155
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        24.4,
        24.4,
        28.8,
        30.3,
        36.0,
        28.2,
        32.4,
        27.4
    ]
},
{
    "channelCfi": [
        71,
        87,
        135,
        151
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        27.4,
        31.8,
        31.2,
        30.4
    ]
},
{
    "channelCfi": [
        79,
        143
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        30.4,
        33.4
    ]
}

```

```
    ]
  }
],
  "requestId": "CNQQLWY00Y",
  "availabilityExpireTime": "2024-08-28T03:53:16Z",
  "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	2024-07-31	Test Model	APEX0677

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Hewlett Packard Enterprise
DUT Product Model	APEX0677

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_AFC_DUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFC_DUSA32_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

2024-07-31T03:52:54Z

```
{
  "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": "827",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNRPM0S035"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "inquiredFrequencyRange": [
      {
        "highFrequency": 7125,
        "lowFrequency": 5925
      }
    ],
    "location": {
      "elevation": {
        "height": 3,
        "heightType": "AGL",
        "verticalUncertainty": 2
      },
      "ellipse": {
        "center": {
          "latitude": 37.381263732910156,
          "longitude": -121.980712890625
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
      },
      "indoorDeployment": 2
    },
    "requestId": "CNRPM0S035",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

```
##### 2024-07-31T03:52:54Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "CNRPM0S035",
      "availabilityExpireTime": "2024-08-01T03:52:54Z",
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```



Test Site	WZ-SR5	Test Engineer	Dandy Li
Test Date	2024-08-28	Test Model	APEX0674

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0674

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_AFCDU5A32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDU5A32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)
TestResult: PASS
Band: 5GHz

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

2024-08-28T07:35:53Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

```
##### 2024-08-28T07:35:53Z #####
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [],
      "availableChannelInfo": [],
      "requestId": "CNQQLWY00Y",
      "availabilityExpireTime": "2024-08-29T07:35:53Z",
      "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	2024-07-31	Test Model	APEX0677

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Hewlett Packard Enterprise
DUT Product Model	APEX0677

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1 (Successful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDSAU33_FrequencyChannel_10630_1 (Successful spectrum access update)
TestResult: PASS
Band: 6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION_1	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (15.1 dBm/MHz PSD, 28.1 dBm EIRP) on channel 5 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

Test Mode	Channel No.	Freq. (MHz)	Average Power (dBm)		Duty Cycle (%)	EIRP (dBm)	AFC Response Limit (dBm)	30 Degree EIRP Limit (dBm)
			Ant 0	Ant 1				
802.11ax-HE20	5	5975	8.13	8.70	91.51	18.12	28.10	21.0

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

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)
			Ant 0	Ant 1			
802.11ax-HE20	5	5975	-3.504	-3.288	91.51	6.301	15.100

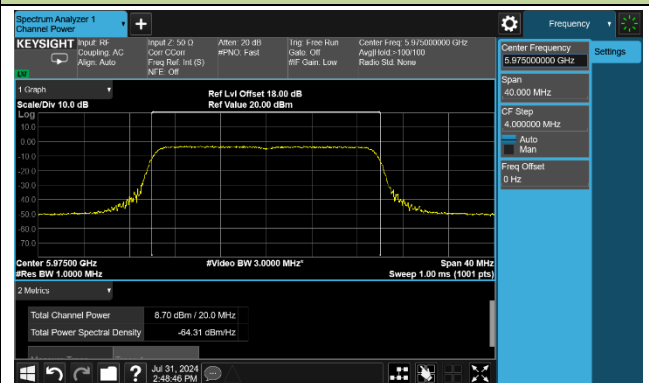
Note: EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD} / 10)} + 10^{(\text{Ant 1 PSD} / 10)}\} + \text{Directional Gain for PSD (dBi)} + 10 \cdot \log (1/\text{Duty Cycle})$.

802.11ax-HE20 – Channel 5 (5975MHz) Average Power

Ant 0

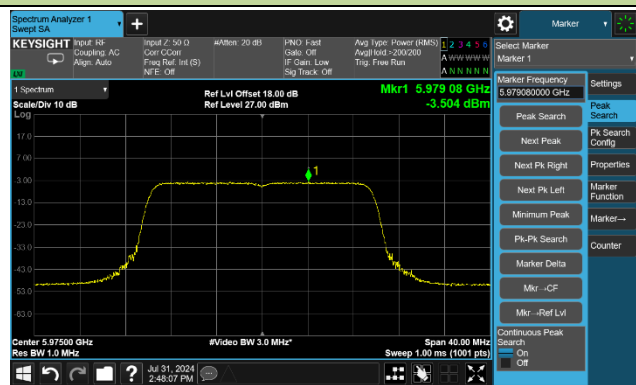


Ant 1

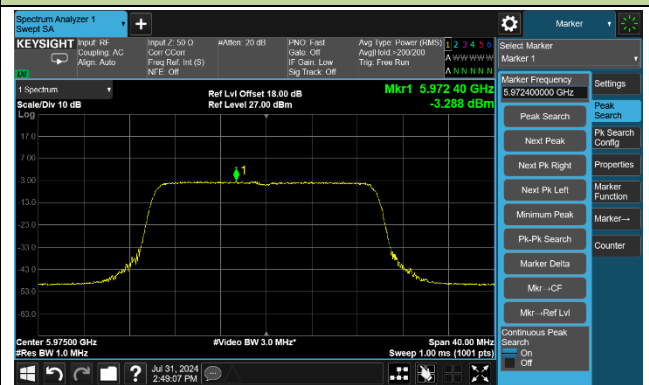


802.11ax-HE20 – Channel 5 (5975MHz) Power Spectral Density

Ant 0



Ant 1



2024-07-31T06:23:50Z

```
{
  "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": "827",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNRPM0S035"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "inquiredFrequencyRange": [
      {
        "highFrequency": 7125,
        "lowFrequency": 5925
      }
    ],
    "location": {
      "elevation": {
        "height": 3,
        "heightType": "AGL",
        "verticalUncertainty": 2
      },
      "ellipse": {
        "center": {
          "latitude": 37.381263732910156,
          "longitude": -121.980712890625
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
      },
      "indoorDeployment": 2
    },
    "requestId": "CNRPM0S035",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-07-31T06:23:51Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 5965,
            "lowFrequency": 5945
          },
          "maxPsd": 14.6
        },
        {
          "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
          },
          "maxPsd": 15.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
          },
          "maxPsd": 14.1
        },
        {
          "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
          },
          "maxPsd": 21.9
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6045,
        "lowFrequency": 6025
    },
    "maxPsd": 9.5
},
{
    "frequencyRange": {
        "highFrequency": 6065,
        "lowFrequency": 6045
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
        "highFrequency": 6085,
        "lowFrequency": 6065
    },
    "maxPsd": 19.8
},
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 13.7
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 13.1
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 11.8
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 16.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 21.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 19.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
      },
      "maxPsd": 18.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 19.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
```

```
        "lowFrequency": 6325
      },
      "maxPsd": 11.1
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        1,
        5,
        9,
        13,
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        65,
        69,
        73,
        77
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        27.6,
        28.1,
        27.1,
        34.9,
        22.5,
        28.9,
        32.8,
        26.7,
        26.1,
        24.8,
        29.8,
        34.5,
```

```
        32.5,
        31.3,
        32.4,
        24.1
    ]
},
{
    "channelCfi": [
        3,
        11,
        19,
        27,
        35,
        43,
        67,
        75
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        30.6,
        30.1,
        25.5,
        29.7,
        27.8,
        32.8,
        34.3,
        27.1
    ]
},
{
    "channelCfi": [
        7,
        23,
        39,
        71
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        33.1,
```

```
        28.5,
        30.8,
        30.1
    ]
},
{
    "channelCfi": [
        15
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
        31.5
    ]
}
],
"requestId": "CNRPM0S035",
"availabilityExpireTime": "2024-08-01T06:23:51Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



Test Site	WZ-SR5	Test Engineer	Dandy Li
Test Date	2024-08-26	Test Model	APEX0674

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0674

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 (21.9 dBm/MHz PSD, 34.9 dBm EIRP) on channel 21 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

Test Mode	Channel No.	Freq. (MHz)	Average Power (dBm)		Duty Cycle (%)	EIRP (dBm)	AFC Response Limit (dBm)	30 Degree EIRP Limit (dBm)
			Ant 0	Ant 1				
802.11ax-HE20	21	6055	14.17	13.98	91.51	19.81	34.9	21.0

Note: EIRP (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\} + 30 \text{ Degree Ant Gain (dBi)} + 10 \cdot \log (1/\text{Duty Cycle})$.

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)
			Ant 0	Ant 1			
802.11ax-HE20	21	6055	1.837	2.033	91.51	11.332	21.9

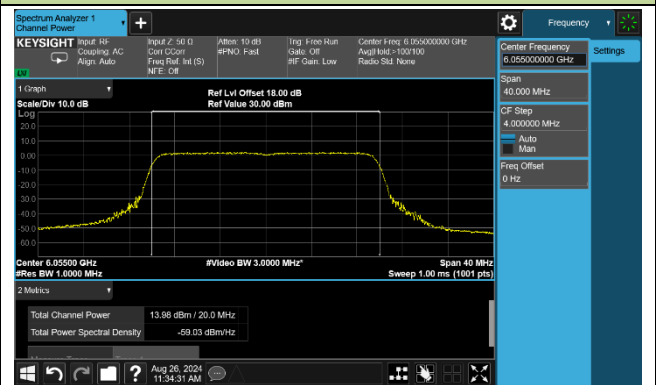
Note: EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD} / 10)} + 10^{(\text{Ant 1 PSD} / 10)}\} \text{ (dBm/MHz)} + 10 \cdot \log (1/\text{Duty Cycle}) + \text{Directional Gain for PSD (dBi)}$.

802.11ax-HE20 – Channel 21 (6055MHz) Average Power

Ant 0

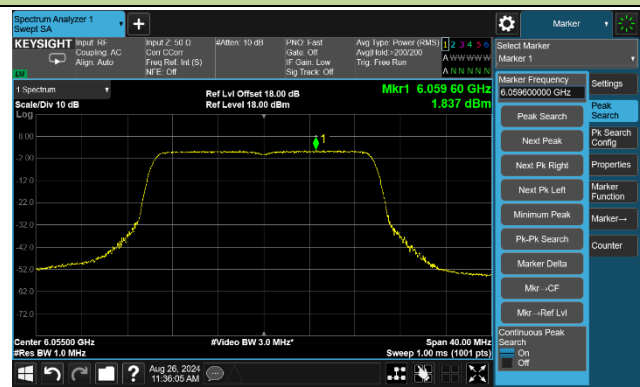


Ant 1

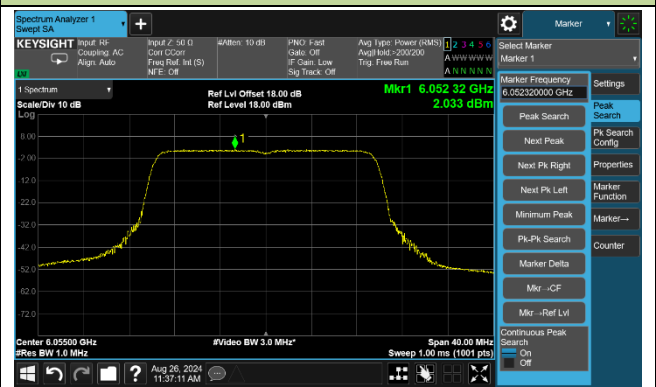


802.11ax-HE20 – Channel 21 (6055MHz) Power Spectral Density

Ant 0



Ant 1



2024-08-26T03:02:34Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-08-26T03:02:34Z

```
{
  "availableSpectrumInquiryResponses": [
    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
        {
          "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
          },
          "maxPsd": 15.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
          },
          "maxPsd": 21.9
        },
        {
          "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
          },
          "maxPsd": 21.3
        },
        {
          "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
          },
          "maxPsd": 10.3
        },
        {
          "frequencyRange": {
```

```
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 17.5
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 9.7
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 11.6
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 20.2
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 20.8
}
```

```
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6245,  
        "lowFrequency": 6225  
      },  
      "maxPsd": 16.6  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6265,  
        "lowFrequency": 6245  
      },  
      "maxPsd": 20.5  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6765,  
        "lowFrequency": 6745  
      },  
      "maxPsd": 21.7  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6785,  
        "lowFrequency": 6765  
      },  
      "maxPsd": 10.9  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6805,  
        "lowFrequency": 6785  
      },  
      "maxPsd": 18.0  
    },  
    {  
      "frequencyRange": {  
        "highFrequency": 6825,
```

```
        "lowFrequency": 6805
      },
      "maxPsd": 11.0
    }
  ],
  "availableChannelInfo": [
    {
      "channelCfi": [
        17,
        21,
        25,
        29,
        33,
        37,
        41,
        45,
        49,
        53,
        57,
        61,
        161,
        165,
        169,
        173
      ],
      "globalOperatingClass": 131,
      "maxEirp": [
        28.9,
        34.9,
        34.3,
        23.3,
        30.5,
        22.7,
        24.6,
        23.1,
        33.2,
        33.8,
        29.6,
        33.5,
```

```
        34.7,
        23.9,
        31.0,
        24.0
    ]
},
{
    "channelCfi": [
        19,
        27,
        35,
        43,
        51,
        59,
        163,
        171
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        31.9,
        26.3,
        25.7,
        26.1,
        36.0,
        32.6,
        26.9,
        27.0
    ]
},
{
    "channelCfi": [
        23,
        39,
        55,
        167
    ],
    "globalOperatingClass": 133,
    "maxEirp": [
        29.3,
```

```
        28.7,
        35.6,
        29.9
      ]
    },
    {
      "channelCfi": [
        47
      ],
      "globalOperatingClass": 134,
      "maxEirp": [
        31.7
      ]
    }
  ],
  "requestId": "CNQQLWY00Y",
  "availabilityExpireTime": "2024-08-27T03:02:34Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

A.4 Unsuccessful Spectrum Access Update

Test Site	WZ-SR5	Test Engineer	Dandy Li
Test Date	2024-07-31	Test Model	APEX0677

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Hewlett Packard Enterprise
DUT Product Model	APIN0634

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_AFCDUAU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDUAU34_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 5 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

Test Mode	Channel No.	Freq. (MHz)	Average Power (dBm)		Duty Cycle (%)	EIRP (dBm)	AFC Response Limit (dBm)	30 Degree EIRP Limit (dBm)
			Ant 0	Ant 1				
802.11ax-HE20	5	5975	8.06	8.80	91.51	18.14	36.00	21.0

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

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)
			Ant 0	Ant 1			
802.11ax-HE20	5	5975	-3.454	-3.156	91.51	6.393	23.000

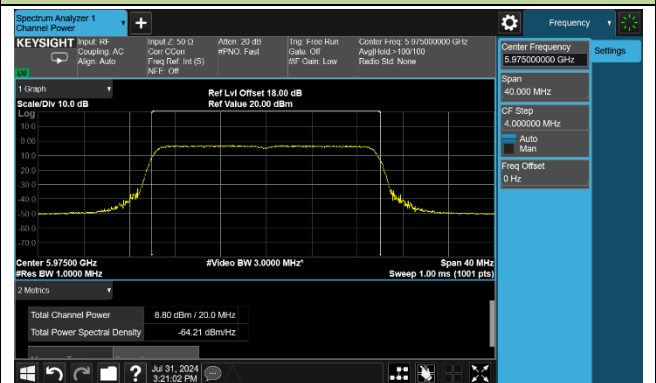
Note: EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD} / 10)} + 10^{(\text{Ant 1 PSD} / 10)}\} + \text{Directional Gain for PSD (dBi)} + 10 \cdot \log (1/\text{Duty Cycle})$.

802.11ax-HE20 – Channel 5 (5975MHz) Average Power

Ant 0

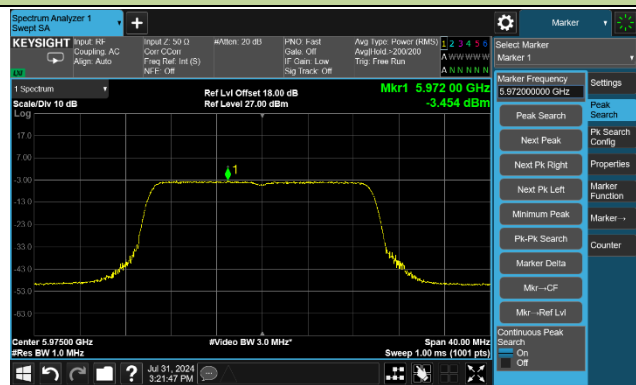


Ant 1

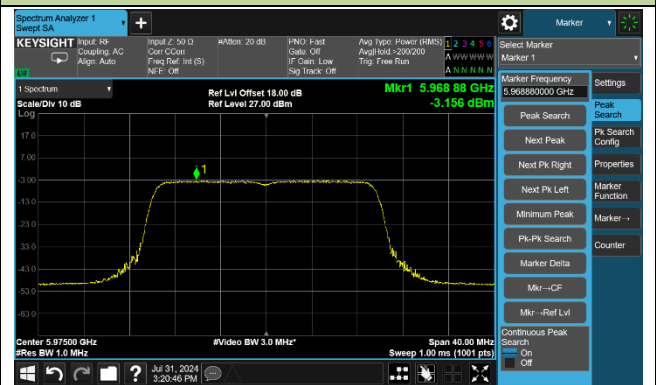


802.11ax-HE20 – Channel 5 (5975MHz) Power Spectral Density

Ant 0



Ant 1



2024-07-31T06:42:54Z

```
{
  "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": "827",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNRPM0S035"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "inquiredFrequencyRange": [
      {
        "highFrequency": 7125,
        "lowFrequency": 5925
      }
    ],
    "location": {
      "elevation": {
        "height": 3,
        "heightType": "AGL",
        "verticalUncertainty": 2
      },
      "ellipse": {
        "center": {
          "latitude": 37.381263732910156,
          "longitude": -121.980712890625
        },
        "majorAxis": 11,
        "minorAxis": 2,
        "orientation": 84.794651
      },
      "indoorDeployment": 2
    },
    "requestId": "CNRPM0S035",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-07-31T06:42:54Z

```
{
  "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
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 23
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
```

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

```
"frequencyRange": {
  "highFrequency": 6705,
  "lowFrequency": 6685
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },
  "maxPsd": 23
},
```

```

        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6825,
            "lowFrequency": 6805
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6845,
            "lowFrequency": 6825
        },
        "maxPsd": 23
    },
    {
        "frequencyRange": {
            "highFrequency": 6865,
            "lowFrequency": 6845
        },
        "maxPsd": 23
    }
],
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,

```

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

[illegible]

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```
        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": "CNRPM0S035",  
  "availabilityExpireTime": "2024-08-01T06:42:54Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
  "version": "1.4"  
}
```



Test Site	WZ-SR5	Test Engineer	Dandy Li
Test Date	2024-08-26	Test Model	APEX0674

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0674

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(9)(i)	CT_AFC_SP_AP_AFCDU34_FrequencyChannel_10631_1 (Unsuccessful spectrum access update)	PASS

Test Measurements

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

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT conforms to the conditions in Spectrum Response (23 dBm/MHz PSD, 36.0 dBm EIRP) on channel 5 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SP_OPERATION_NO_REQ	AFC DUT transmit with standard power in the band in no Spectrum Inquiry Request case	false	PASS

Test Mode	Channel No.	Freq. (MHz)	Average Power (dBm)		Duty Cycle (%)	EIRP (dBm)	AFC Response Limit (dBm)	30 Degree EIRP Limit (dBm)
			Ant 0	Ant 1				
802.11ax-HE20	5	5975	13.78	14.42	91.51	19.85	36.00	21.0

Note: EIRP (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\} + 30 \text{ Degree Ant Gain (dBi)} + 10 \cdot \log (1/\text{Duty Cycle})$.

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)		Duty Cycle (%)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)
			Ant 0	Ant 1			
802.11ax-HE20	5	5975	2.218	2.292	91.51	11.651	23.000

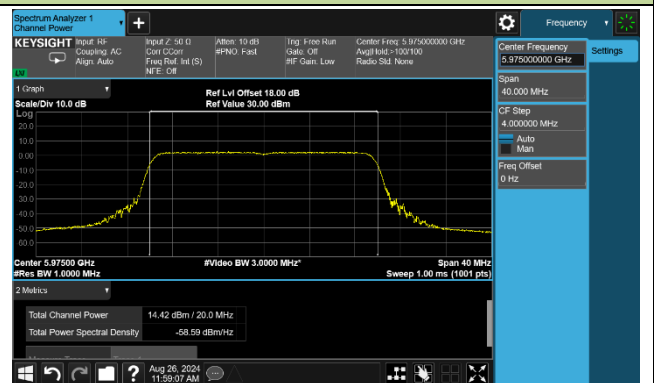
Note: EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD} / 10)} + 10^{(\text{Ant 1 PSD} / 10)}\} \text{ (dBm/MHz)} + 10 \cdot \log (1/\text{Duty Cycle}) + \text{Directional Gain for PSD (dBi)}$.

802.11ax-HE20 – Channel 5 (5975MHz) Average Power

Ant 0

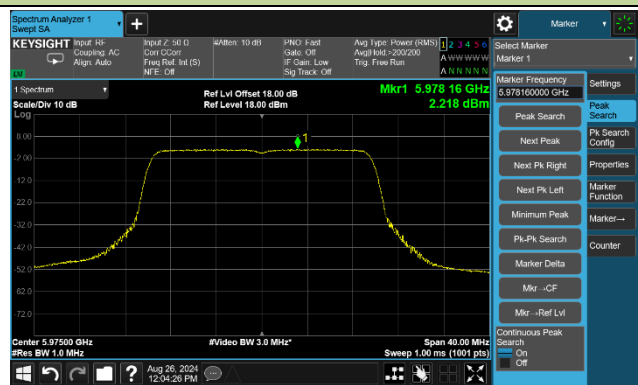


Ant 1

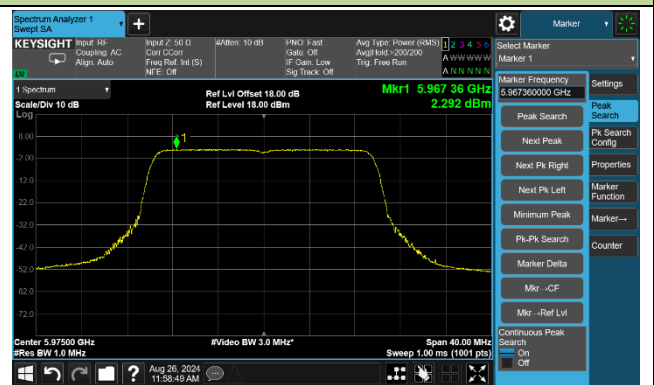


802.11ax-HE20 – Channel 5 (5975MHz) Power Spectral Density

Ant 0



Ant 1



2024-08-26T03:25:02Z

```
{
  "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": "810",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0674579",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "CNQQLWY00Y"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "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": "CNQQLWY00Y",
    "vendorExtensions": {
      "extensionId": "Aruba_Info",
      "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"bd3cca00b1b400932d561eedfb6fb420a16fa47475fb80074d1bd8e48cbf41b9"
      }
    }
  },
  "version": "1.4"
}

```

2024-08-26T03:25:02Z

```
{
  "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
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
      },
      "maxPsd": 23
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6385,
    "lowFrequency": 6365
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6405,
    "lowFrequency": 6385
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6425,
    "lowFrequency": 6405
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6545,
    "lowFrequency": 6525
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6565,
    "lowFrequency": 6545
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6585,
    "lowFrequency": 6565
```

```

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

```

```
"frequencyRange": {
  "highFrequency": 6705,
  "lowFrequency": 6685
},
"maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6725,
    "lowFrequency": 6705
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6745,
    "lowFrequency": 6725
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6765,
    "lowFrequency": 6745
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6785,
    "lowFrequency": 6765
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6805,
    "lowFrequency": 6785
  },

```

```

        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6825,
          "lowFrequency": 6805
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6845,
          "lowFrequency": 6825
        },
        "maxPsd": 23
      },
      {
        "frequencyRange": {
          "highFrequency": 6865,
          "lowFrequency": 6845
        },
        "maxPsd": 23
      }
    ],
    "availableChannelInfo": [
      {
        "channelCfi": [
          1,
          5,
          9,
          13,
          17,
          21,
          25,
          29,
          33,
          37,
          41,
          45,

```

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

[illegible]

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```
        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": "CNQQLWY00Y",  
  "availabilityExpireTime": "2024-08-27T03:25:02Z",  
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
}  
],  
  "version": "1.4"  
}
```

A.5 Unsuccessful Server Validation

Test Site	WZ-SR5	Test Engineer	Dandy Li
Test Date	2024-08-01	Test Model	APEX0677

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP with Proxy
DUT Vendor Name	Hewlett Packard Enterprise
DUT Product Model	APEX0677

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_NoRootCA_10639_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(iv)	CT_AFC_ServerValidation_AP_AFCDSUV35_NonMatchSAN_10632_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDSUV35_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_AFCDSUV35_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_AFCDSUV35_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_AFCDSUV35_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_AFCDSUV35_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_AFCDSUV35_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_AFCDSUV35_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_AFCDSUV35_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



Test Site	WZ-SR5	Test Engineer	Dandy Li
Test Date	2024-09-03	Test Model	APEX0674

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0674

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_NoRootCA_10639_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_TLSCipherSuite=NULL_10638_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_ServerCertRevoked_10635_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDU35_NonMatchSAN_10632_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDU35_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_AFCDU35_TLSCipherSuite=NULL_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_AFCDU35_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_AFCDU35_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_AFCDU35_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_AFCDU35_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_AFCDU35_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_AFCDU35_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 “2306RSU028-UT” file.

Appendix C – EUT Photograph

Refer to “2306RSU028-UE” file.

The End
