

```
{
  "response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
  },
  "availableFrequencyInfo": [
    {
      "frequencyRange": {
        "highFrequency": 5965,
        "lowFrequency": 5945
      },
      "maxPsd": 11.2
    },
    {
      "frequencyRange": {
        "highFrequency": 5985,
        "lowFrequency": 5965
      },
      "maxPsd": 13.4
    },
    {
      "frequencyRange": {
        "highFrequency": 6005,
        "lowFrequency": 5985
      },
      "maxPsd": 12.2
    },
    {
      "frequencyRange": {
        "highFrequency": 6025,
        "lowFrequency": 6005
      },
      "maxPsd": 8.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6045,
        "lowFrequency": 6025
      },

```

```
"maxPsd": 14.4
},
{
  "frequencyRange": {
    "highFrequency": 6065,
    "lowFrequency": 6045
  },
  "maxPsd": 8.7
},
{
  "frequencyRange": {
    "highFrequency": 6085,
    "lowFrequency": 6065
  },
  "maxPsd": 11.8
},
{
  "frequencyRange": {
    "highFrequency": 6105,
    "lowFrequency": 6085
  },
  "maxPsd": 20.1
},
{
  "frequencyRange": {
    "highFrequency": 6125,
    "lowFrequency": 6105
  },
  "maxPsd": 19.0
},
{
  "frequencyRange": {
    "highFrequency": 6145,
    "lowFrequency": 6125
  },
  "maxPsd": 21.8
},
{
  "frequencyRange": {
```

```
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 16.4
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 17.8
},
{
    "frequencyRange": {
        "highFrequency": 6205,
        "lowFrequency": 6185
    },
    "maxPsd": 14.0
},
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 8.8
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 9.0
}
```

```
    }  
  ],  
  "availableChannelInfo": [  
    {  
      "channelCfi": [  
        1,  
        5,  
        9,  
        13,  
        17,  
        21,  
        25,  
        29,  
        33,  
        37,  
        41,  
        45,  
        49,  
        53,  
        57,  
        61  
      ],  
      "globalOperatingClass": 131,  
      "maxEirp": [  
        24.2,  
        26.4,  
        25.2,  
        21.7,  
        27.4,  
        21.7,  
        24.8,  
        33.1,  
        32.0,  
        34.8,  
        29.4,  
        30.8,  
        27.0,  
        29.0,  
        21.8,
```

```
                22.0
            ]
        },
        {
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                27.2,
                24.7,
                24.7,
                27.8,
                35.0,
                32.4,
                30.0,
                24.8
            ]
        },
        {
            "channelCfi": [
                7,
                23,
                39,
                55
            ],
            "globalOperatingClass": 133,
            "maxEirp": [
                27.7,
                27.7,
                35.4,
                27.8
```

```
    ]
  },
  {
    "channelCfi": [
      15,
      47
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      30.7,
      30.8
    ]
  },
  {
    "channelCfi": [
      31
    ],
    "globalOperatingClass": 137,
    "maxEirp": [
      33.8
    ]
  }
],
"requestId": "VNTLMPK00X",
"availabilityExpireTime": "2025-10-15T02:32:27Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



A.2 Unsuccessful Spectrum Access Request

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-10-14		

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0765

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_AFCDUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDUSA32_FrequencyChannel_10629_1 (Unsuccessful registration and spectrum access request)
TestResult: PASS
Band: 6GHz

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

2025-10-14T03:10:31Z

```
{
  "headers": {
    "Host": "testserver.wfatestorg.org",
    "User-Agent": "Go-http-client/1.1",
    "Accept": "application/json",
    "Content-Type": "application/json",
    "Accept-Encoding": "gzip",
    "X-Forwarded-For": "50.112.153.140",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0765",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNTLMPK00X"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```

        {
            "globalOperatingClass": 137
        }
    ],
    "inquiredFrequencyRange": [
        {
            "highFrequency": 7125,
            "lowFrequency": 5925
        }
    ],
    "location": {
        "elevation": {
            "height": 4,
            "heightType": "AGL",
            "verticalUncertainty": 6
        },
        "ellipse": {
            "center": {
                "latitude": 37.774921,
                "longitude": -122.4194
            },
            "majorAxis": 11,
            "minorAxis": 2,
            "orientation": 84.794651
        },
        "indoorDeployment": 2
    },
    "requestId": "VNTLMPK00X",
    "vendorExtensions": {
        "extensionId": "Aruba_Info",
        "parameters": {
            "Request_State": "Event",
            "Tenant_ID":
"e39721cb2287c4a24e9d4301eff09ae19a67c6ebd4a945c576f00d5b7888cc08"
        }
    }
},
"version": "1.4"

```

```
}  
}
```

```
##### 2025-10-14T03:10:31Z #####  
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [],  
      "availableChannelInfo": [],  
      "requestId": "VNTLMPK00X",  
      "availabilityExpireTime": "2025-10-15T03:10:31Z",  
      "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
    },  
  ],  
  "version": "1.4"  
}
```

```
##### 2025-10-14T03:15:46Z #####  
{  
  "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": "50.112.153.140",  
    "X-Forwarded-Host": "testserver.wfatestorg.org",  
    "X-Forwarded-Server": "testserver.wfatestorg.org",  
    "Content-Length": "836",  
    "Connection": "Keep-Alive"  
  },  
  "body": {  
    "availableSpectrumInquiryRequests": [  
      {  
        "deviceDescriptor": {  

```

```
"certificationId": [  
  {  
    "id": "Q9DAPEX0765",  
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"  
  }  
],  
"serialNumber": "VNTLMPK00X"  
},  
"inquiredChannels": [  
  {  
    "globalOperatingClass": 131  
  },  
  {  
    "globalOperatingClass": 132  
  },  
  {  
    "globalOperatingClass": 133  
  },  
  {  
    "globalOperatingClass": 134  
  },  
  {  
    "globalOperatingClass": 137  
  }  
],  
"inquiredFrequencyRange": [  
  {  
    "highFrequency": 7125,  
    "lowFrequency": 5925  
  }  
],  
"location": {  
  "elevation": {  
    "height": 4,  
    "heightType": "AGL",  
    "verticalUncertainty": 6  
  },  
  "ellipse": {  
    "center": {
```

```

        "latitude": 37.774921,
        "longitude": -122.4194
    },
    "majorAxis": 11,
    "minorAxis": 2,
    "orientation": 84.794651
},
"indoorDeployment": 2
},
"requestId": "VNTLMPK00X",
"vendorExtensions": {
    "extensionId": "Aruba_Info",
    "parameters": {
        "Request_State": "Event",
        "Tenant_ID":
"e39721cb2287c4a24e9d4301eff09ae19a67c6ebd4a945c576f00d5b7888cc08"
    }
}
}
],
"version": "1.4"
}
}

```

```

##### 2025-10-14T03:15:46Z #####
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [],
            "availableChannelInfo": [],
            "requestId": "VNTLMPK00X",
            "availabilityExpireTime": "2025-10-15T03:15:46Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],

```

```
"version": "1.4"  
}
```



A.3 Successful Spectrum Access Update

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-10-16		

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0765

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_AFCD5AU33_FrequencyChannel_10630_1(Successful spectrum access update)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCD5AU33_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 (20.8 dBm/MHz PSD, 33.8 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 (dBm)	30 Degree EIRP Limit (dBm)
			Ant 0	Ant 1	Ant 2	Ant 3					
802.11be-EHT20	5	5975	7.70	7.79	8.06	8.44	88.39	17.23	33.80	11.33	21.00

Notes:

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

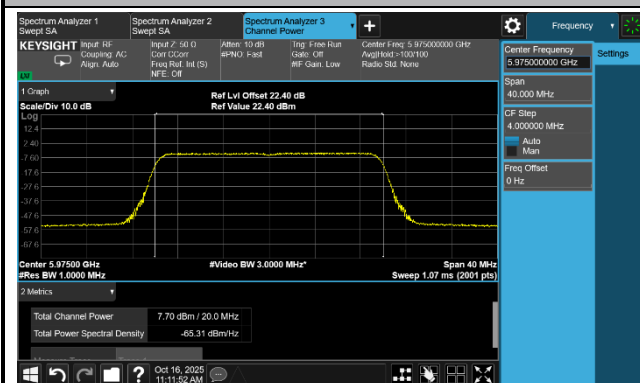
2. 30 Degree EIRP (dBm) = $10 \times \log \{10^{(\text{Ant 0 Average Power}/10)} + 10^{(\text{Ant 1 Average Power}/10)} + 10^{(\text{Ant 2 Average Power}/10)} + 10^{(\text{Ant 3 Average Power}/10)}\} + 30 \text{ Degree Antenna Gain (dBi)} + 10 \times \log (1/\text{Duty Cycle})$.

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)				Duty Cycle (%)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)
			Ant 0	Ant 1	Ant 2	Ant 3			
802.11be-EHT20	5	5975	-4.015	-3.652	-3.869	-4.289	88.39	8.816	20.80

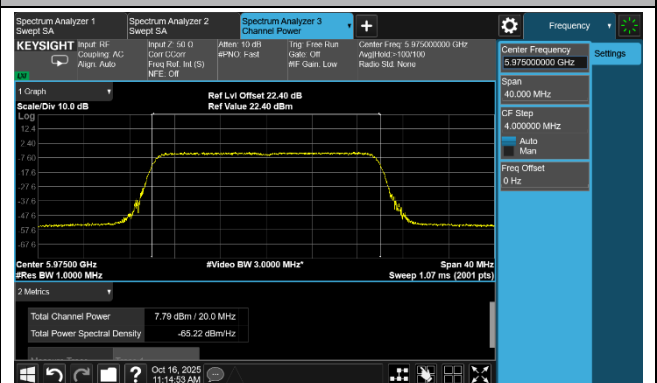
Note: EIRP PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\} + 10 \times \log (1/\text{Duty Cycle}) + \text{Directional Gain for PSD (dBi)}$.

802.11be-EHT20 - Channel 5 (5975 MHz) Average Power

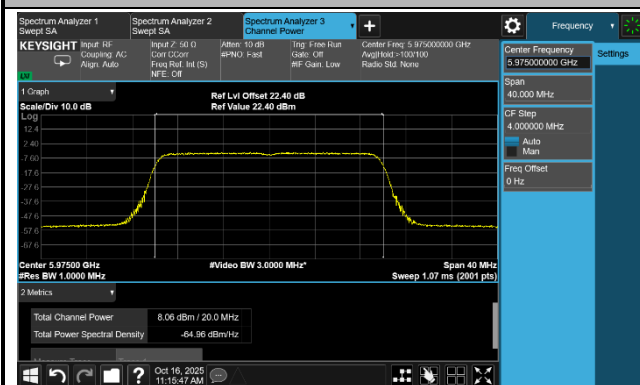
Ant 0



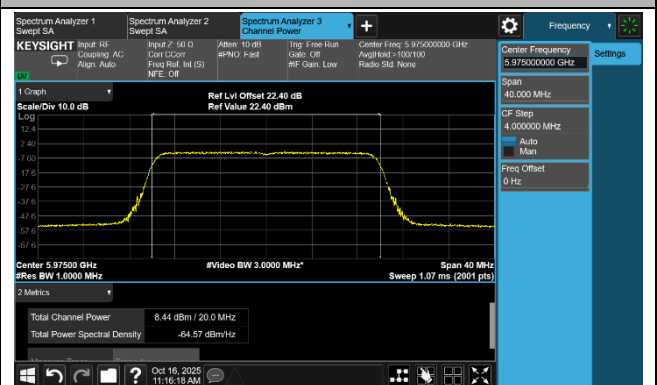
Ant 1



Ant 2

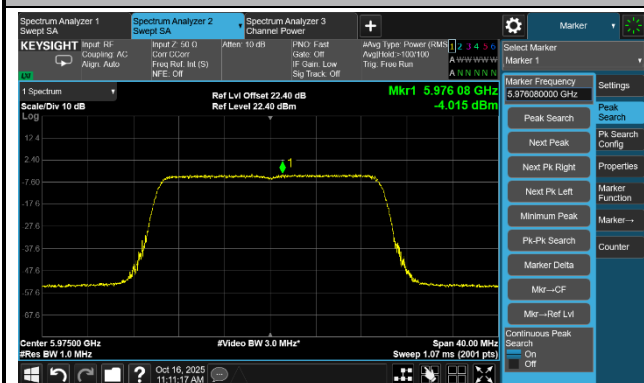


Ant 3

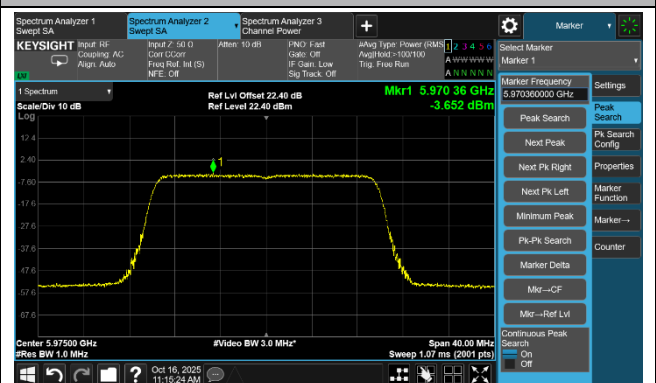


802.11be-EHT20 - Channel 5 (5975 MHz) Power Spectral Density

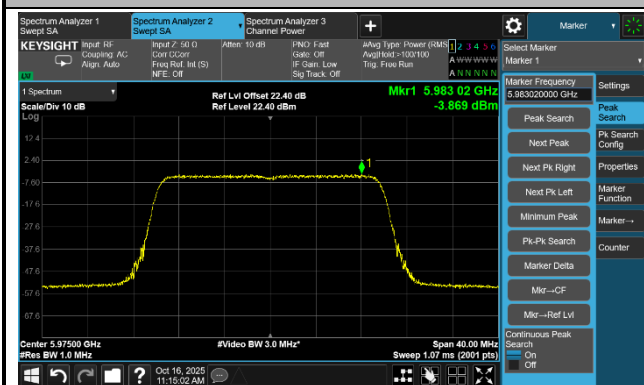
Ant 0



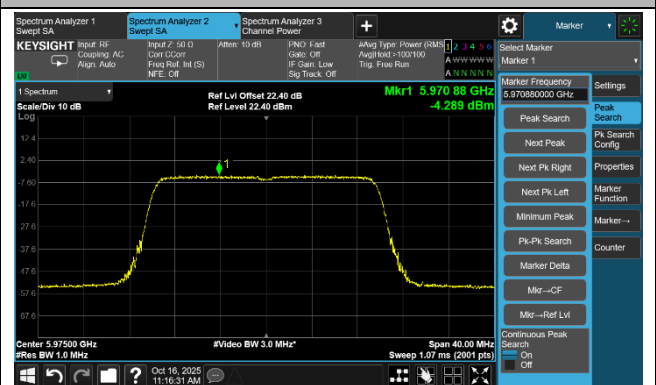
Ant 1



Ant 2



Ant 3



2025-10-16T02:26:38Z

```
{
  "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": "50.112.153.140",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0765",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNTLMPK00X"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```
{
  "globalOperatingClass": 137
},
"inquiredFrequencyRange": [
  {
    "highFrequency": 7125,
    "lowFrequency": 5925
  }
],
"location": {
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 6
  },
  "ellipse": {
    "center": {
      "latitude": 37.774921,
      "longitude": -122.4194
    },
    "majorAxis": 11,
    "minorAxis": 2,
    "orientation": 84.794651
  },
  "indoorDeployment": 2
},
"requestId": "VNTLMPK00X",
"vendorExtensions": {
  "extensionId": "Aruba_Info",
  "parameters": {
    "Request_State": "Event",
    "Tenant_ID":
"e39721cb2287c4a24e9d4301eff09ae19a67c6ebd4a945c576f00d5b7888cc08"
  }
}
},
"version": "1.4"
```

```
}  
}
```

```
##### 2025-10-16T02:26:38Z #####
```

```
{  
  "availableSpectrumInquiryResponses": [  
    {  
      "response": {  
        "responseCode": 0,  
        "shortDescription": "SUCCESS"  
      },  
      "availableFrequencyInfo": [  
        {  
          "frequencyRange": {  
            "highFrequency": 5965,  
            "lowFrequency": 5945  
          },  
          "maxPsd": 20.6  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 5985,  
            "lowFrequency": 5965  
          },  
          "maxPsd": 20.8  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6005,  
            "lowFrequency": 5985  
          },  
          "maxPsd": 20.9  
        },  
        {  
          "frequencyRange": {  
            "highFrequency": 6025,  
            "lowFrequency": 6005  
          },  
          "maxPsd": 11.4  
        }  
      ]  
    }  
  ]  
}
```

```
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
      },
      "maxPsd": 15.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
      },
      "maxPsd": 16.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
      },
      "maxPsd": 14.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
      },
      "maxPsd": 11.5
    },
    {
      "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
      },
      "maxPsd": 14.0
    },
    {
      "frequencyRange": {
        "highFrequency": 6305,
```

```
        "lowFrequency": 6285
      },
      "maxPsd": 10.7
    },
    {
      "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
      },
      "maxPsd": 19.8
    },
    {
      "frequencyRange": {
        "highFrequency": 6345,
        "lowFrequency": 6325
      },
      "maxPsd": 12.3
    },
    {
      "frequencyRange": {
        "highFrequency": 6605,
        "lowFrequency": 6585
      },
      "maxPsd": 8.6
    },
    {
      "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
      },
      "maxPsd": 17.9
    },
    {
      "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
      },
      "maxPsd": 13.4
    },
  ],
```

```
{
  "frequencyRange": {
    "highFrequency": 6665,
    "lowFrequency": 6645
  },
  "maxPsd": 12.7
},
],
"availableChannelInfo": [
  {
    "channelCfi": [
      1,
      5,
      9,
      13,
      33,
      37,
      41,
      45,
      65,
      69,
      73,
      77,
      129,
      133,
      137,
      141
    ],
    "globalOperatingClass": 131,
    "maxEirp": [
      33.6,
      33.8,
      33.9,
      24.4,
      28.9,
      29.8,
      27.0,
      24.5,
      27.0,
```

```
        23.7,
        32.8,
        25.3,
        21.6,
        30.9,
        26.4,
        25.7
    ]
},
{
    "channelCfi": [
        3,
        11,
        35,
        43,
        67,
        75,
        131,
        139
    ],
    "globalOperatingClass": 132,
    "maxEirp": [
        36.0,
        27.4,
        31.9,
        27.5,
        26.7,
        28.3,
        24.6,
        28.7
    ]
},
{
    "channelCfi": [
        7,
        39,
        71,
        135
    ],
    ],
```

```
        "globalOperatingClass": 133,
        "maxEirp": [
            30.4,
            30.5,
            29.7,
            27.6
        ]
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 134,
        "maxEirp": []
    },
    {
        "channelCfi": [],
        "globalOperatingClass": 137,
        "maxEirp": []
    }
],
"requestId": "VNTLMPK00X",
"availabilityExpireTime": "2025-10-17T02:26:38Z",
"rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



A.4 Unsuccessful Spectrum Access Update

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-10-16		

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0765

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 (dBm)	30 Degree EIRP Limit (dBm)
			Ant 0	Ant 1	Ant 2	Ant 3					
802.11be-EHT20	5	5975	8.19	7.53	8.08	8.41	88.39	17.28	36.00	11.38	21.00

Notes:

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

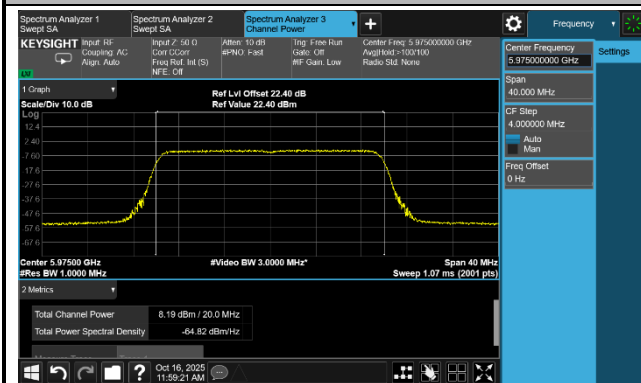
2. 30 Degree EIRP (dBm) = $10 \times \log \{10^{(\text{Ant 0 Average Power}/10)} + 10^{(\text{Ant 1 Average Power}/10)} + 10^{(\text{Ant 2 Average Power}/10)} + 10^{(\text{Ant 3 Average Power}/10)}\} + 30 \text{ Degree Antenna Gain (dBi)} + 10 \times \log (1/\text{Duty Cycle})$.

Test Mode	Channel No.	Freq. (MHz)	PSD (dBm/MHz)				Duty Cycle (%)	EIRP PSD (dBm/MHz)	AFC Response Limit (dBm/MHz)
			Ant 0	Ant 1	Ant 2	Ant 3			
802.11be-EHT20	5	5975	-3.418	-2.642	-3.249	-2.103	88.39	9.945	23.00

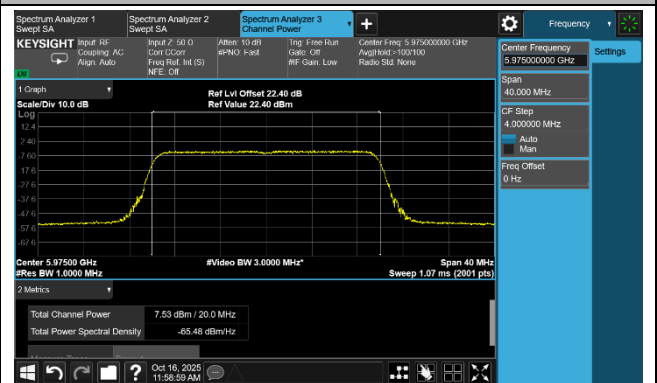
Note: EIRP PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\} + 10 \times \log (1/\text{Duty Cycle}) + \text{Directional Gain for PSD (dBi)}$.

802.11be-EHT20 - Channel 5 (5975 MHz) Average Power

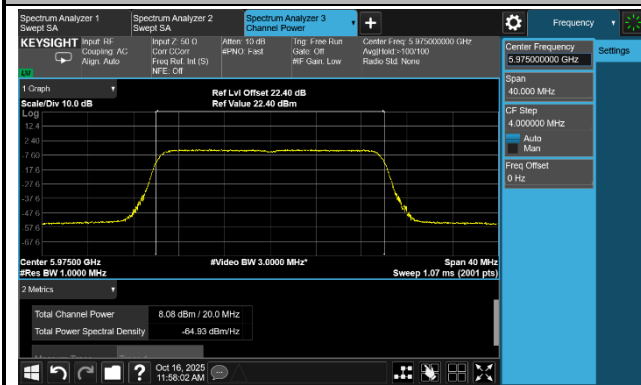
Ant 0



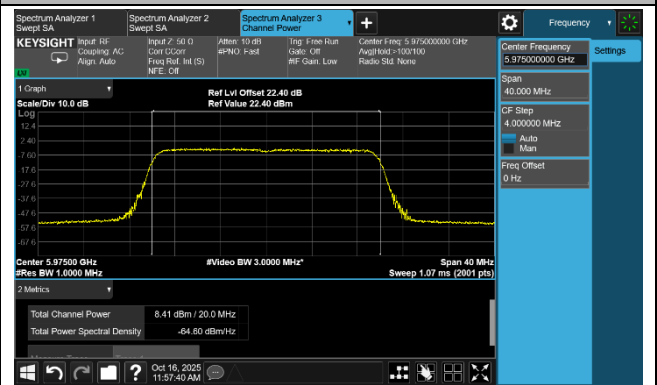
Ant 1



Ant 2

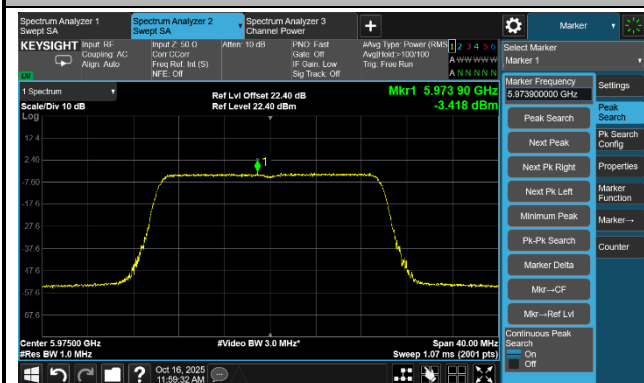


Ant 3

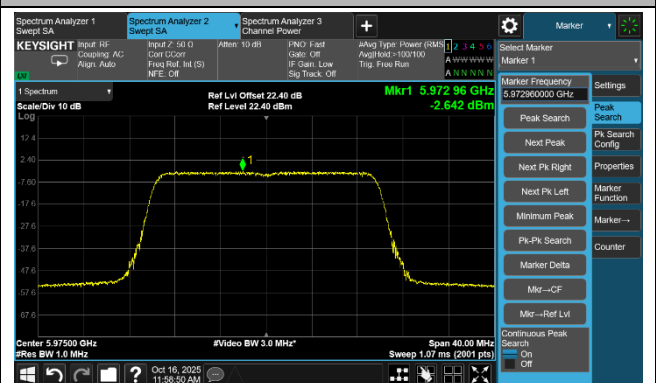


802.11be-EHT20 - Channel 5 (5975 MHz) Power Spectral Density

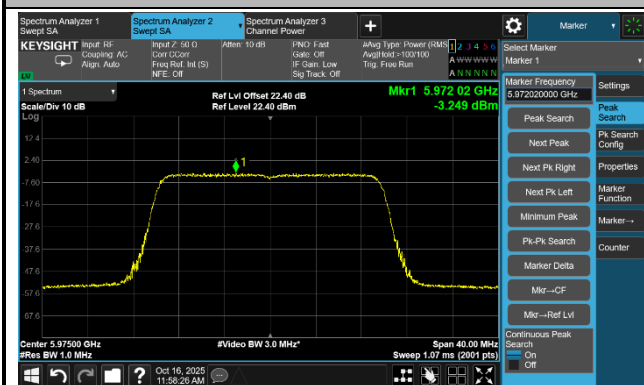
Ant 0



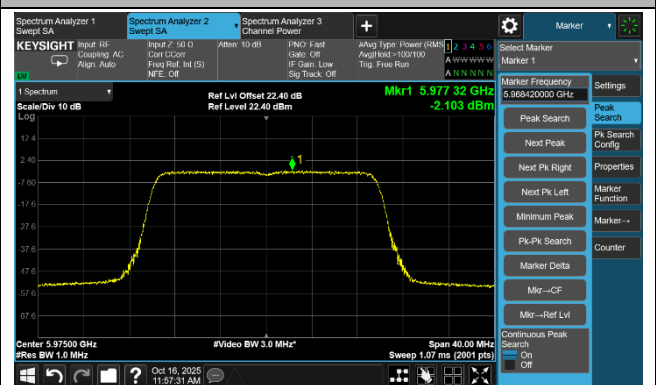
Ant 1



Ant 2



Ant 3



2025-10-16T03:04:59Z

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{
  "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": "50.112.153.140",
    "X-Forwarded-Host": "testserver.wfatestorg.org",
    "X-Forwarded-Server": "testserver.wfatestorg.org",
    "Content-Length": "836",
    "Connection": "Keep-Alive"
  },
  "body": {
    "availableSpectrumInquiryRequests": [
      {
        "deviceDescriptor": {
          "certificationId": [
            {
              "id": "Q9DAPEX0765",
              "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
            }
          ],
          "serialNumber": "VNTLMPK00X"
        },
        "inquiredChannels": [
          {
            "globalOperatingClass": 131
          },
          {
            "globalOperatingClass": 132
          },
          {
            "globalOperatingClass": 133
          },
          {
            "globalOperatingClass": 134
          }
        ]
      }
    ]
  }
}
```

```
{
  "globalOperatingClass": 137
},
"inquiredFrequencyRange": [
  {
    "highFrequency": 7125,
    "lowFrequency": 5925
  }
],
"location": {
  "elevation": {
    "height": 4,
    "heightType": "AGL",
    "verticalUncertainty": 6
  },
  "ellipse": {
    "center": {
      "latitude": 37.774921,
      "longitude": -122.4194
    },
    "majorAxis": 11,
    "minorAxis": 2,
    "orientation": 84.794651
  },
  "indoorDeployment": 2
},
"requestId": "VNTLMPK00X",
"vendorExtensions": {
  "extensionId": "Aruba_Info",
  "parameters": {
    "Request_State": "Event",
    "Tenant_ID":
"e39721cb2287c4a24e9d4301eff09ae19a67c6ebd4a945c576f00d5b7888cc08"
  }
}
},
"version": "1.4"
```

```
}
}

##### 2025-10-16T03:04:59Z #####

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    {
      "response": {
        "responseCode": 0,
        "shortDescription": "SUCCESS"
      },
      "availableFrequencyInfo": [
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            "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
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    {
      "frequencyRange": {
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        "lowFrequency": 6025
      },
      "maxPsd": 23
    },
    {
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        "highFrequency": 6065,
        "lowFrequency": 6045
      },
      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6085,
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        "highFrequency": 6105,
        "lowFrequency": 6085
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      "maxPsd": 23
    },
    {
      "frequencyRange": {
        "highFrequency": 6125,
```

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

```
{
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},
{
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  },
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{
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    "highFrequency": 6305,
    "lowFrequency": 6285
  },
  "maxPsd": 23
},
{
  "frequencyRange": {
    "highFrequency": 6325,
    "lowFrequency": 6305
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  "frequencyRange": {
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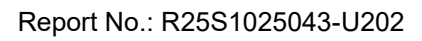
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      "lowFrequency": 6385
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    "maxPsd": 23
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  {
    "frequencyRange": {
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      "lowFrequency": 6405
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  },
  {
```

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

```
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},
{
  "frequencyRange": {
    "highFrequency": 6705,
    "lowFrequency": 6685
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  "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
    },
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},
{
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        "lowFrequency": 6825
    },
    "maxPsd": 23
},
{
    "frequencyRange": {
        "highFrequency": 6865,
        "lowFrequency": 6845
    },
    "maxPsd": 23
}
],
"availableChannelInfo": [
    {
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
```

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


$$\},$$


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

```
    ],
    "globalOperatingClass": 134,
    "maxEirp": [
      36.0,
      36.0,
      36.0,
      36.0
    ]
  }
],
  "requestId": "VNTLMPK00X",
  "availabilityExpireTime": "2025-10-17T03:04:59Z",
  "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```



A.5 Unsuccessful Server Validation

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-09-26		

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Hewlett Packard Enterprise Company
DUT Product Model	APEX0765

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_ServerCertRevoked_10635_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_MatchSuffixSAN_10634_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_DifferentRootCA_10633_1 (Unsuccessful server validation)	PASS
15.407(k)(8)(v)	CT_AFC_ServerValidation_AP_AFCDUSV35_NonMatchSAN_10632_1 (Unsuccessful server validation)	PASS

Test Measurements

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_NoRootCA_10639_1 (Unsuccessful server validation)
TestResult: PASS
Band: 6GHz

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

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_TLSCipherSuiteENULL_10638_1 (Unsuccessful server validation)
TestResult: PASS
Band: 6GHz

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

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_StapledOCSPRespExpired_10637_1 (Unsuccessful server validation)
TestResult: PASS
Band: 6GHz

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

TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_OCSPStaplingDisabled_10636_1 (Unsuccessful server validation)
TestResult: PASS
Band: 6GHz

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



TestCaseName: CT_AFC_ServerValidation_AP_AFCDUSV35_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_AFCDUSV35_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_AFCDUSV35_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_AFCDUSV35_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 "R25S1025043-UT" file.

Appendix C - EUT Photograph

Refer to "R25S1025043-UE" file.

_____ The End _____