

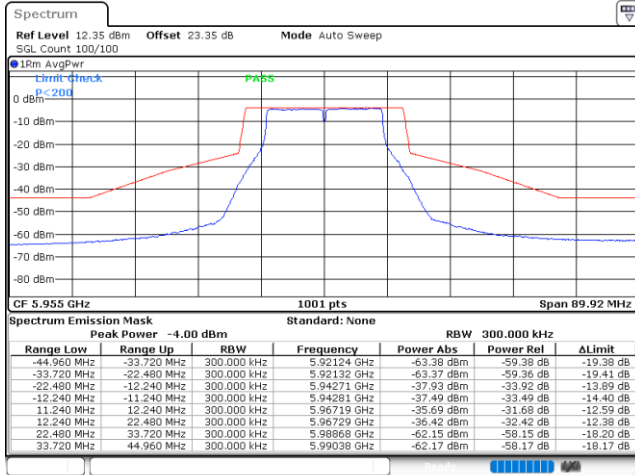


MIMO &lt;Ant. 4+2(2)&gt;

EUT Mode

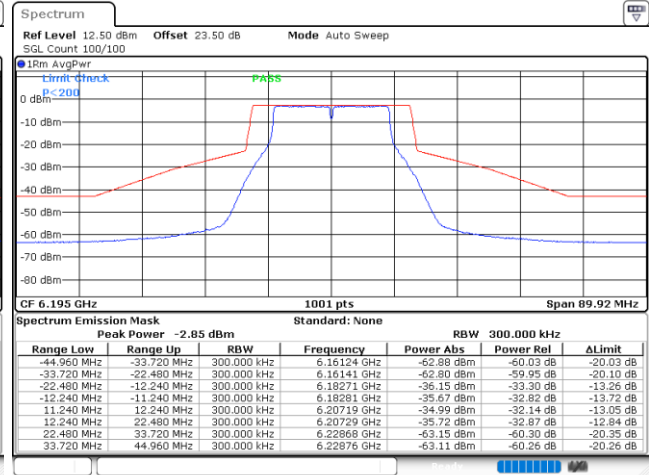
802.11a

Plot on Channel 5955 MHz



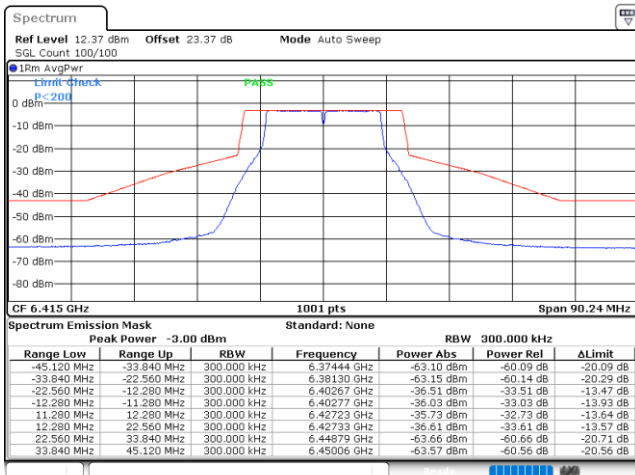
Date: 29.NOV.2023 18:29:06

Plot on Channel 6195 MHz



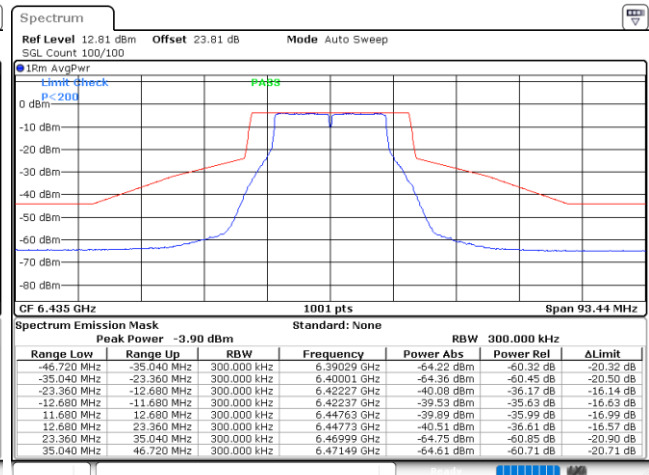
Date: 29.NOV.2023 18:36:14

Plot on Channel 6415 MHz



Date: 29.NOV.2023 18:42:50

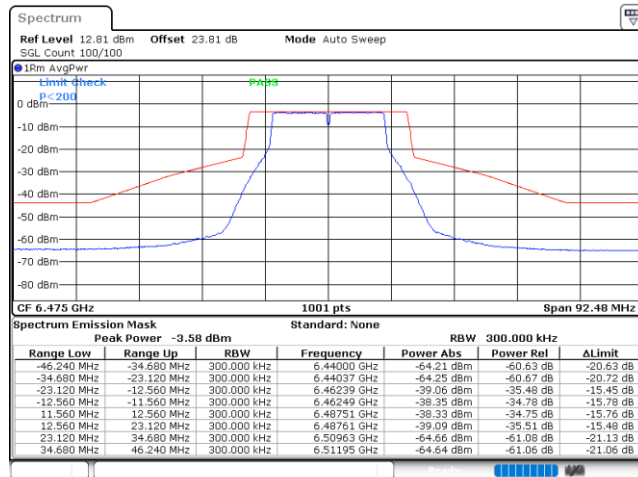
Plot on Channel 6435 MHz



Date: 29.NOV.2023 18:46:27

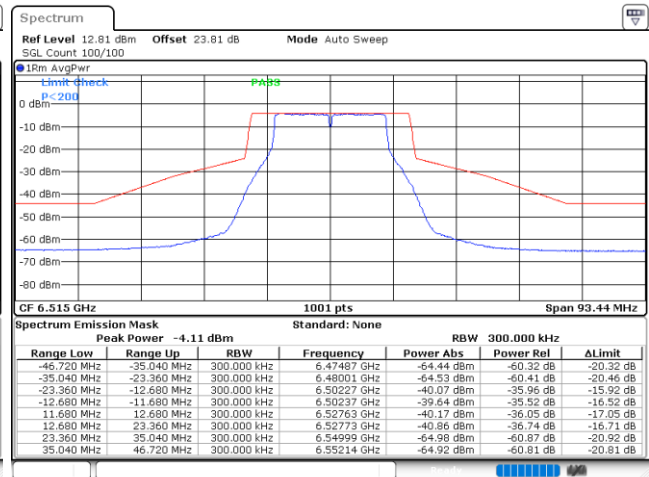


Plot on Channel 6475 MHz



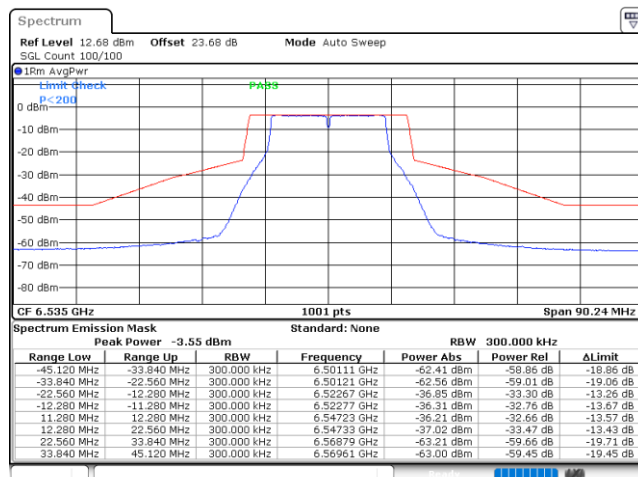
Date: 29.NOV.2023 18:49:47

Plot on Channel 6515 MHz



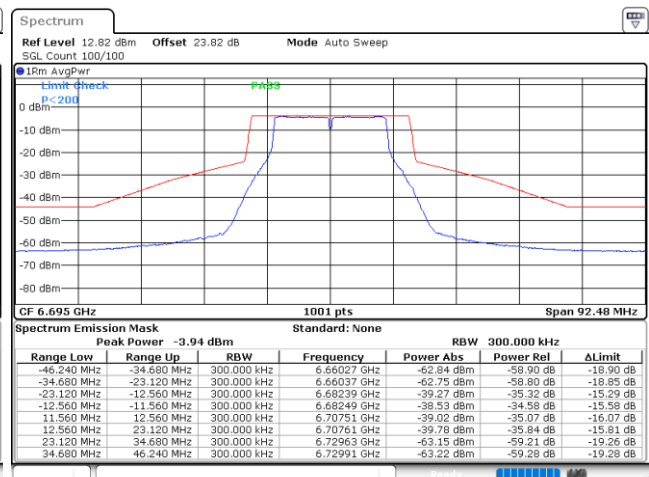
Date: 29.NOV.2023 18:55:42

Plot on Channel 6535 MHz



Date: 29.NOV.2023 19:01:36

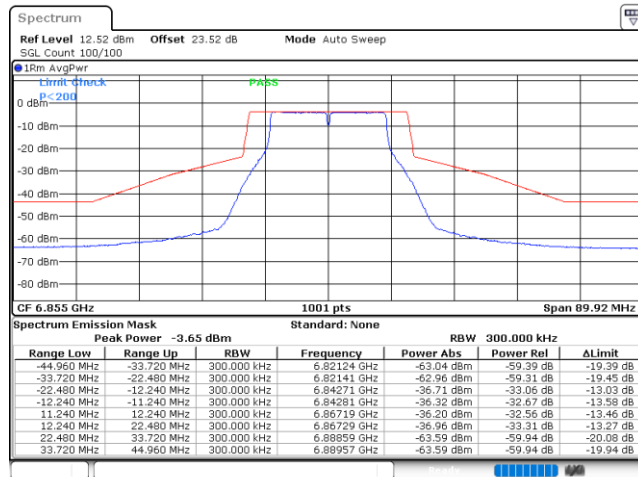
Plot on Channel 6695 MHz



Date: 29.NOV.2023 19:11:25

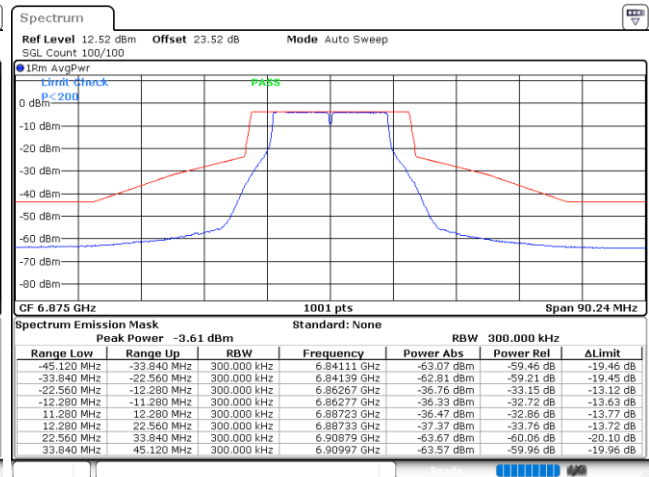


Plot on Channel 6855 MHz



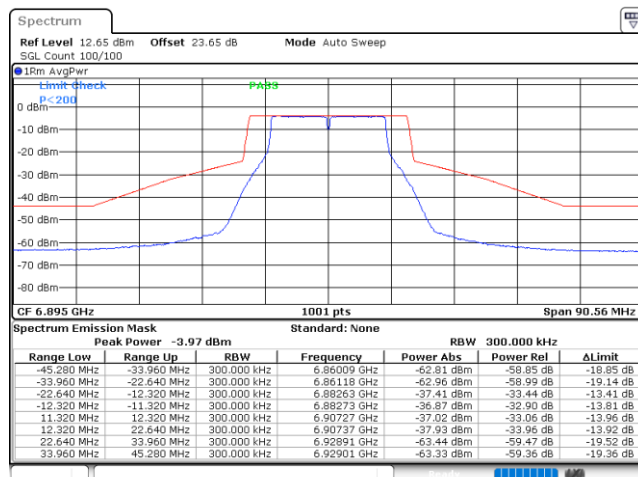
Date: 29.NOV.2023 19:26:16

Plot on Channel 6875 MHz



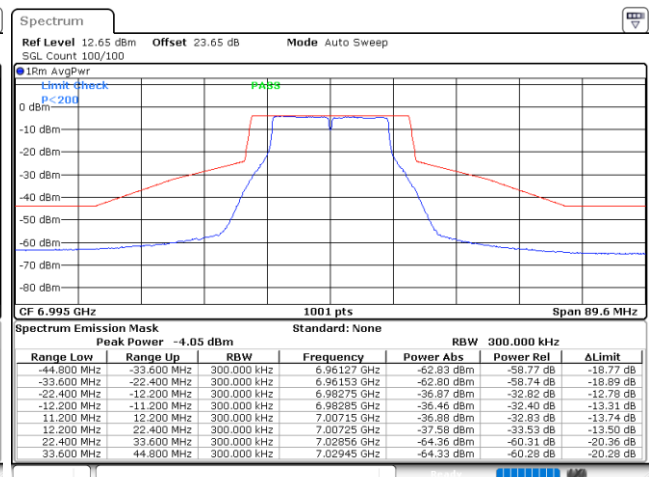
Date: 29.NOV.2023 19:37:56

Plot on Channel 6895 MHz



Date: 29.NOV.2023 19:50:28

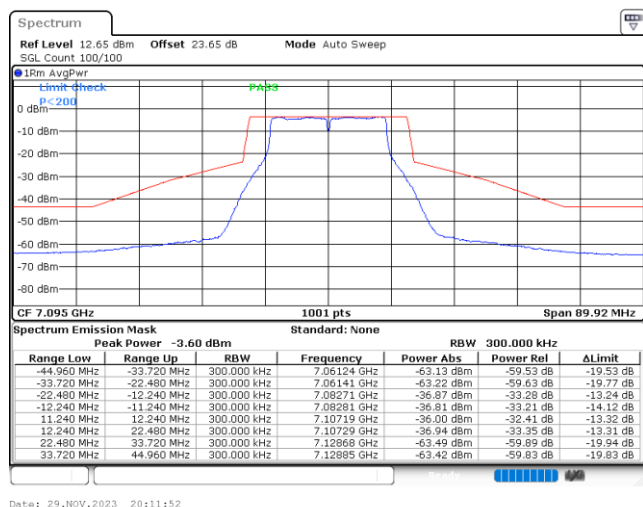
Plot on Channel 6995 MHz



Date: 29.NOV.2023 19:57:10



## Plot on Channel 7095 MHz

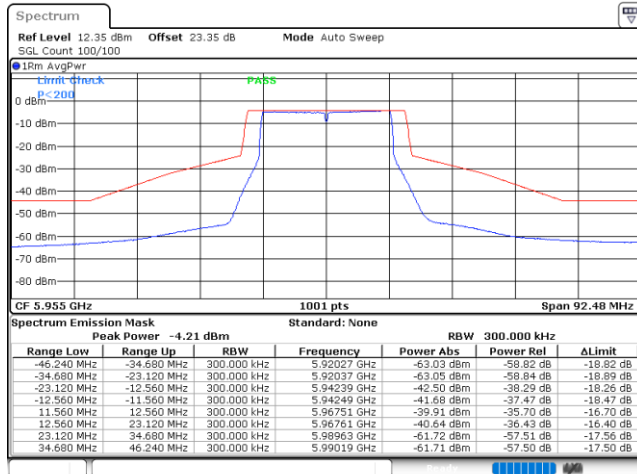




EUT Mode

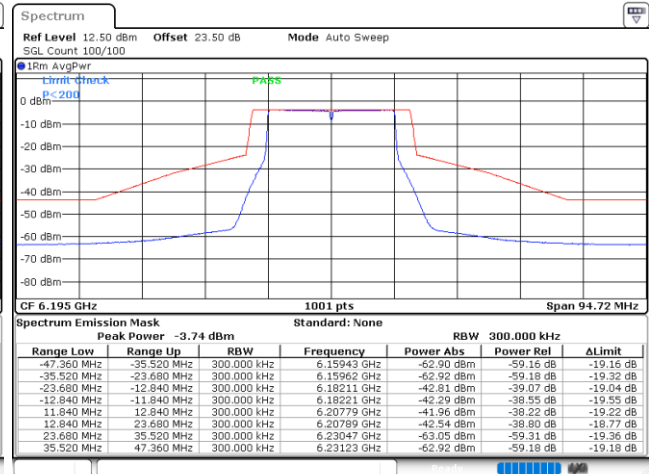
802.11be EHT20 Full RU

Plot on Channel 5955 MHz



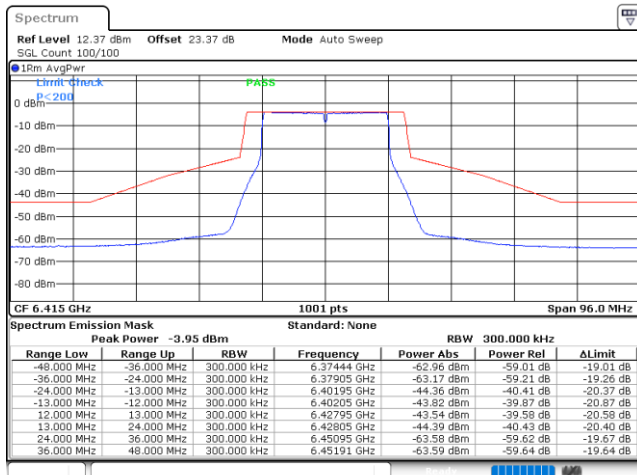
Date: 29.NOV.2023 22:41:36

Plot on Channel 6195 MHz



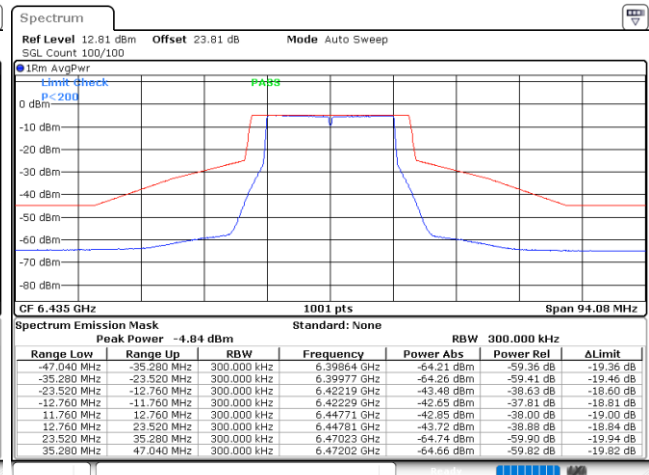
Date: 29.NOV.2023 22:38:45

Plot on Channel 6415 MHz



Date: 29.NOV.2023 22:35:37

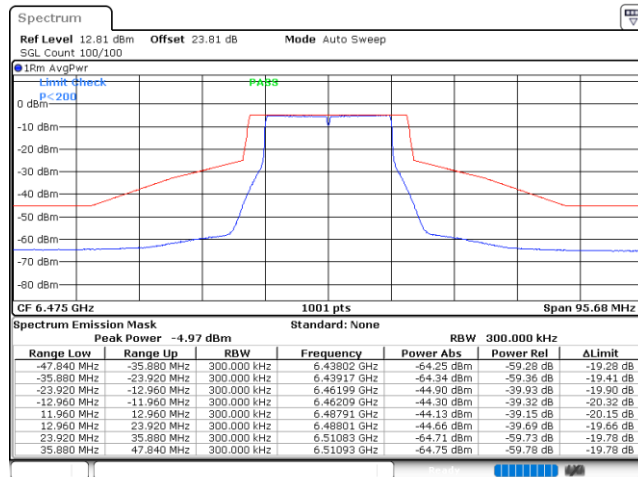
Plot on Channel 6435 MHz



Date: 29.NOV.2023 22:31:56

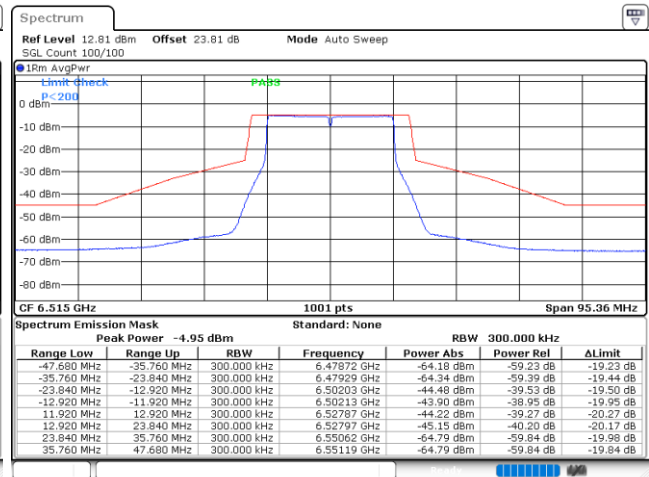


Plot on Channel 6475 MHz



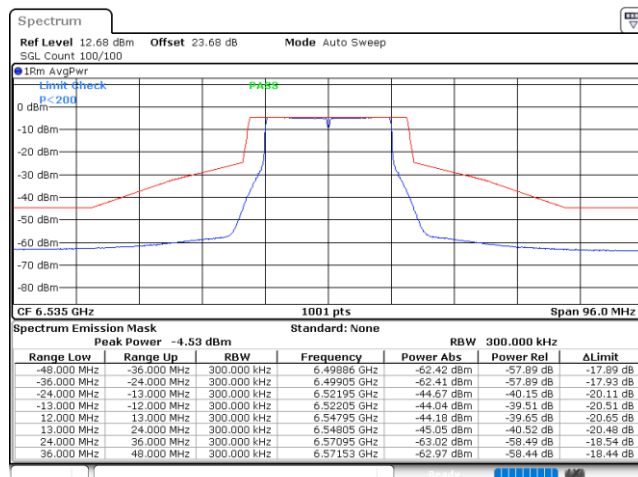
Date: 29.NOV.2023 22:28:30

Plot on Channel 6515 MHz



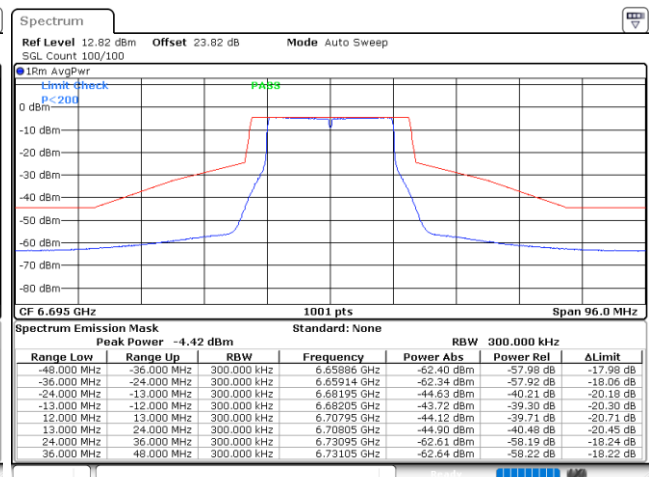
Date: 29.NOV.2023 22:23:55

Plot on Channel 6535 MHz



Date: 29.NOV.2023 22:20:51

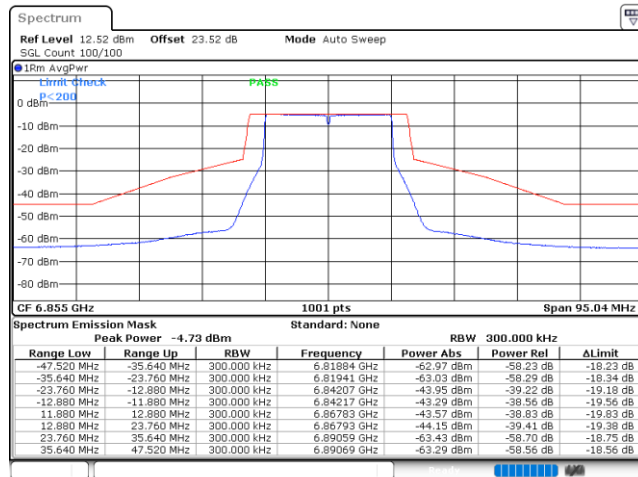
Plot on Channel 6695 MHz



Date: 29.NOV.2023 22:17:02

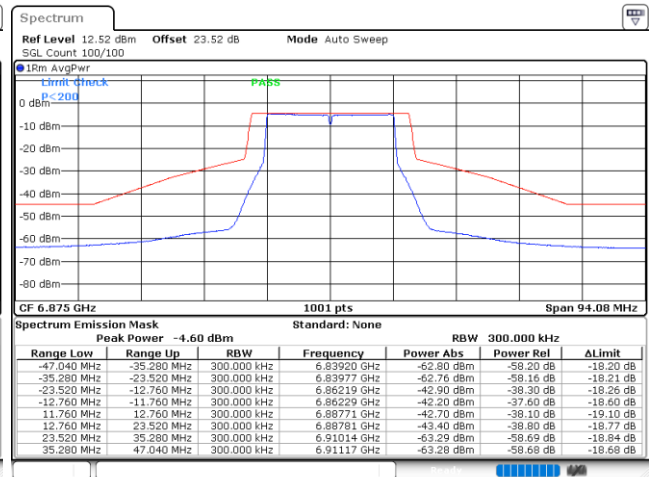


Plot on Channel 6855 MHz



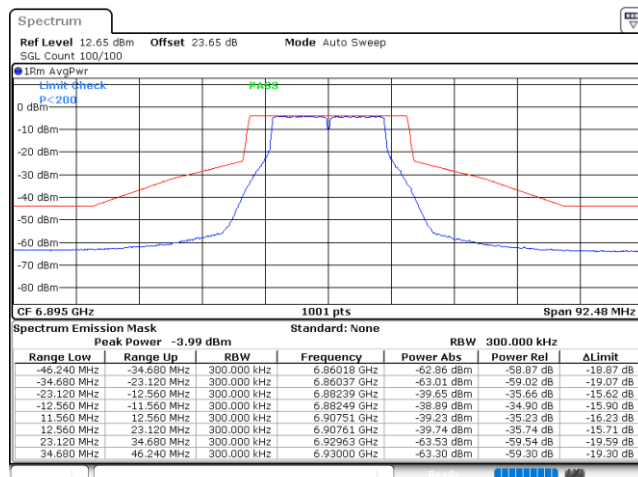
Date: 29.NOV.2023 22:12:52

Plot on Channel 6875 MHz



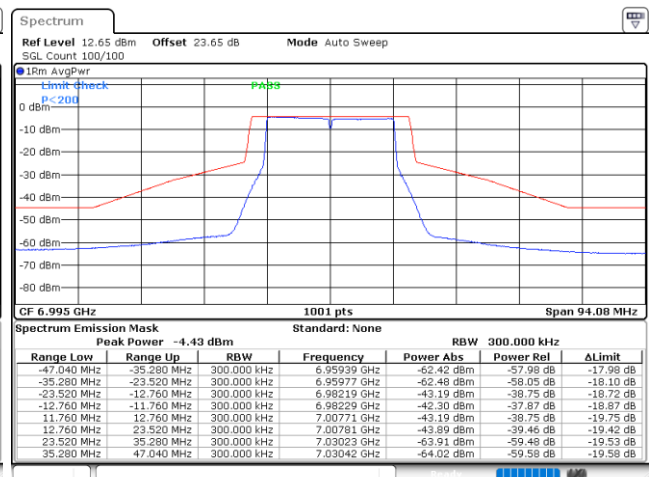
Date: 29.NOV.2023 22:09:47

Plot on Channel 6895 MHz



Date: 29.NOV.2023 21:49:06

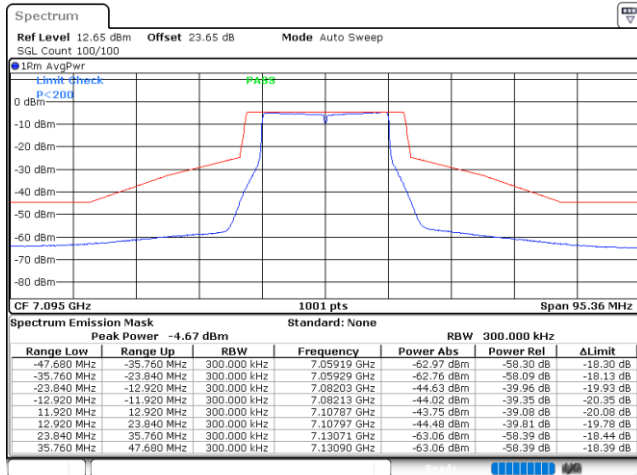
Plot on Channel 6995 MHz



Date: 29.NOV.2023 22:03:32



## Plot on Channel 7095 MHz

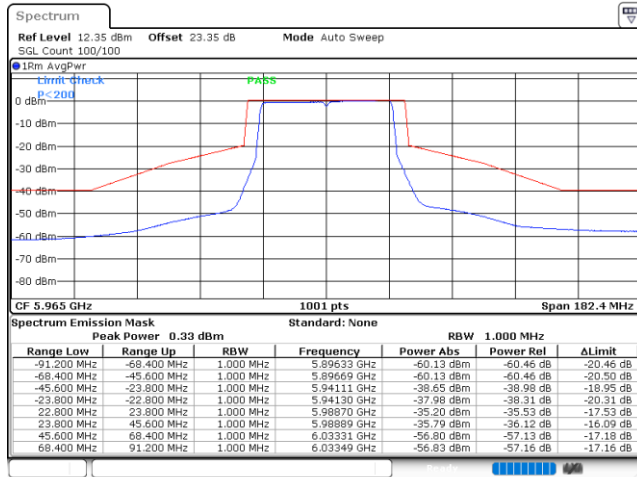




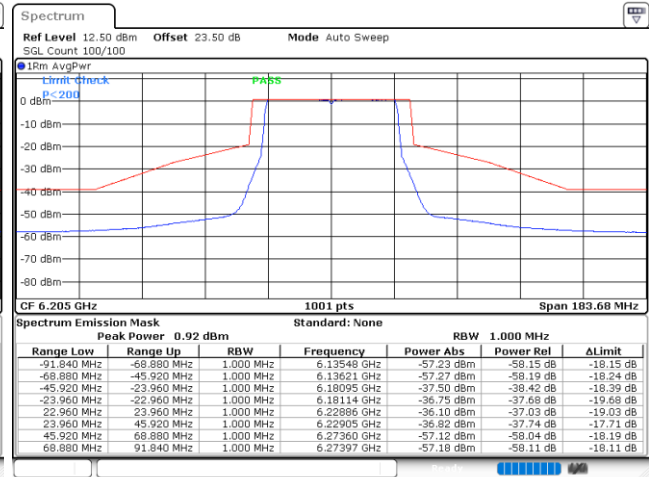
EUT Mode

802.11be EHT40 Full RU

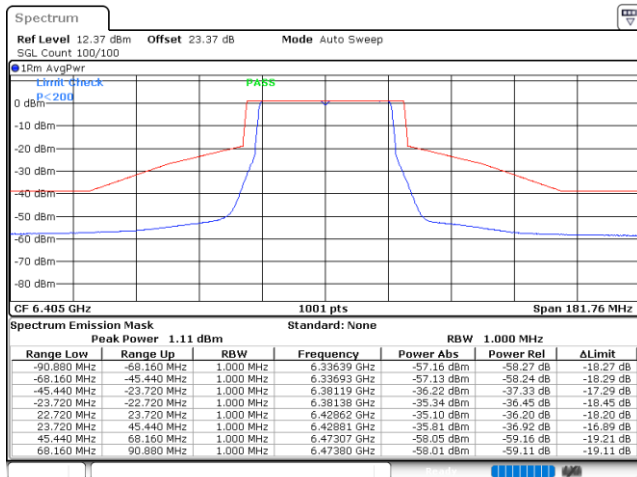
Plot on Channel 5965 MHz



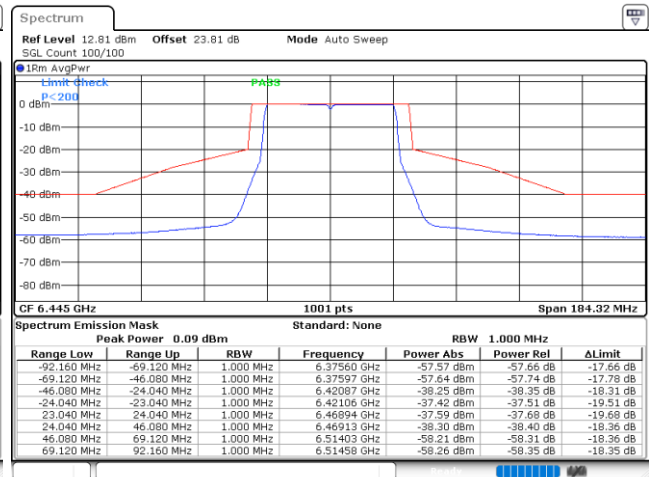
Plot on Channel 6205 MHz



Plot on Channel 6405 MHz

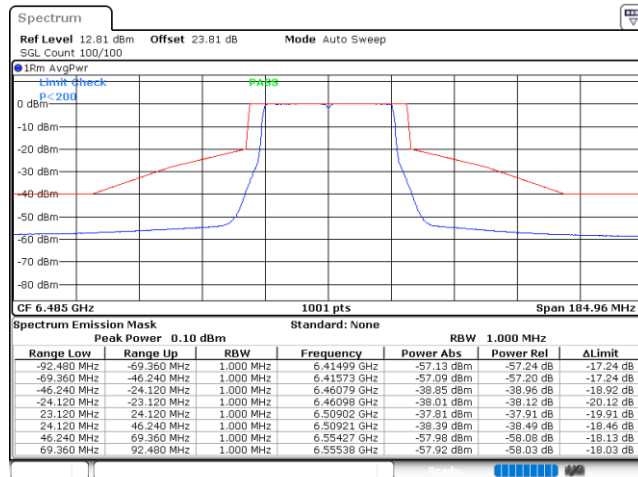


Plot on Channel 6445 MHz



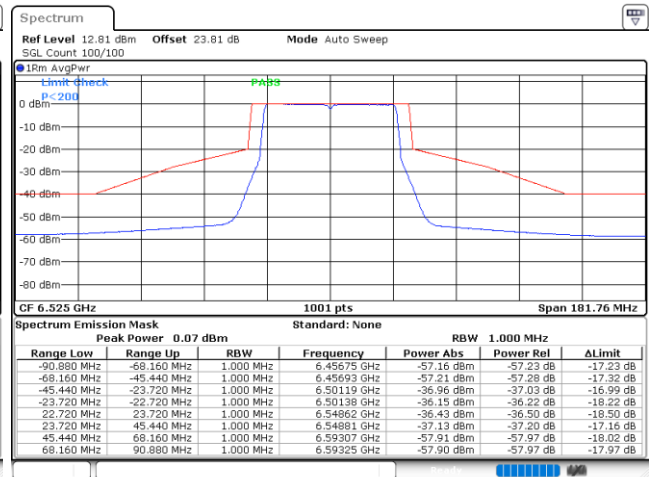


Plot on Channel 6485 MHz



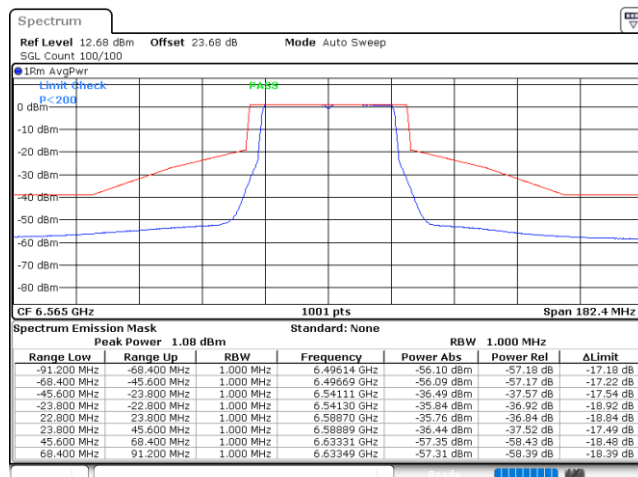
Date: 29.NOV.2023 23:19:55

Plot on Channel 6525 MHz



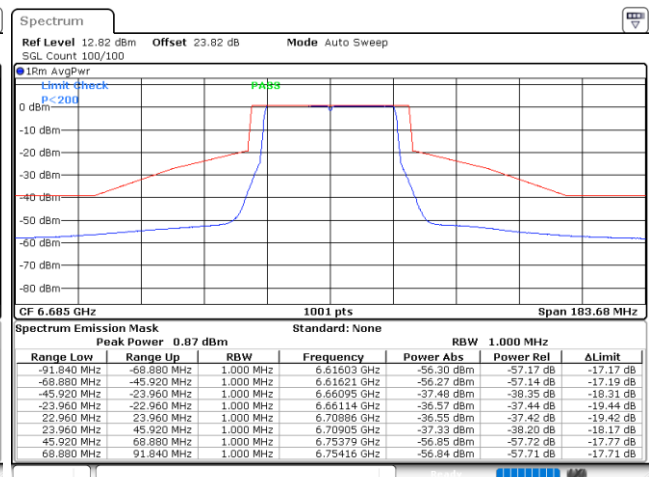
Date: 29.NOV.2023 23:24:27

Plot on Channel 6565 MHz



Date: 29.NOV.2023 23:27:57

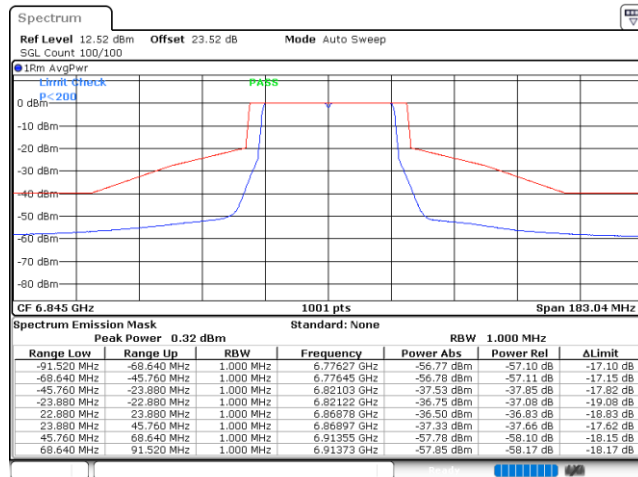
Plot on Channel 6685 MHz



Date: 29.NOV.2023 23:31:28

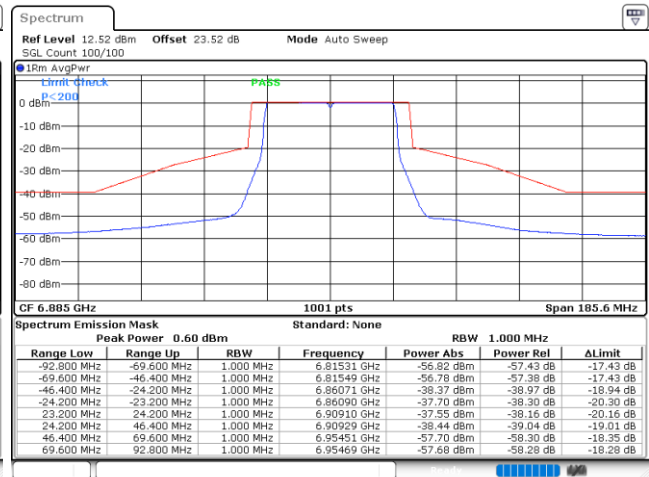


Plot on Channel 6845 MHz



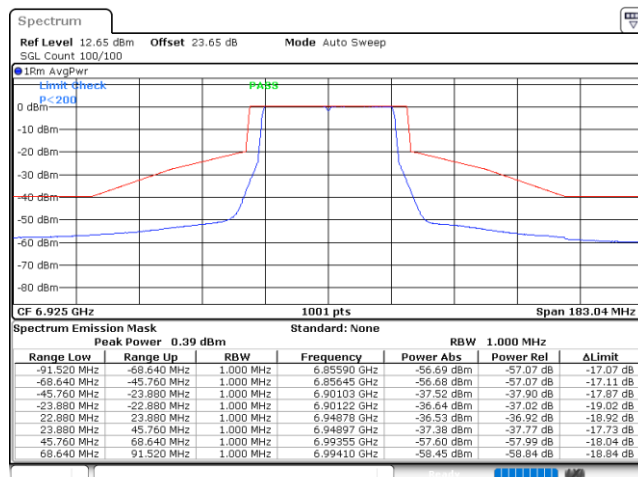
Date: 29.NOV.2023 23:36:55

Plot on Channel 6885 MHz



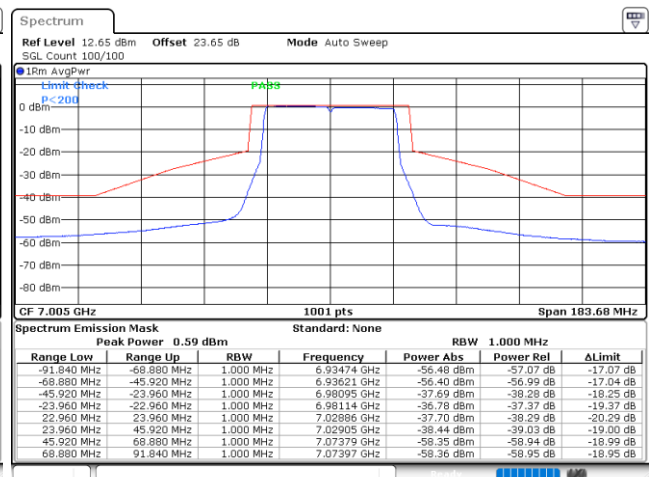
Date: 29.NOV.2023 23:40:38

Plot on Channel 6925 MHz



Date: 29.NOV.2023 23:47:47

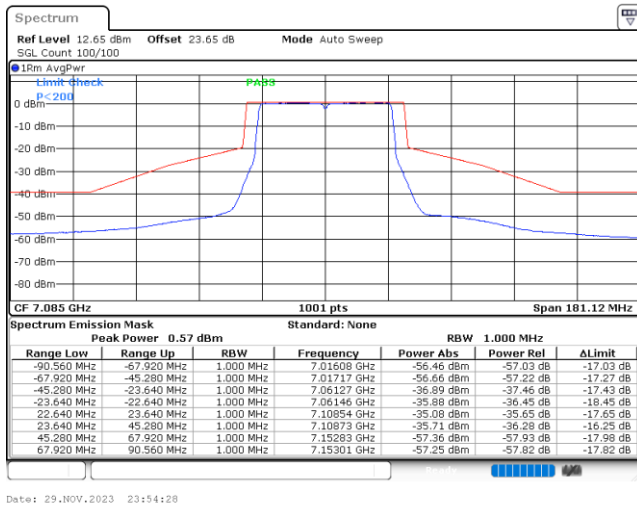
Plot on Channel 7005 MHz



Date: 29.NOV.2023 23:51:07



## Plot on Channel 7085 MHz

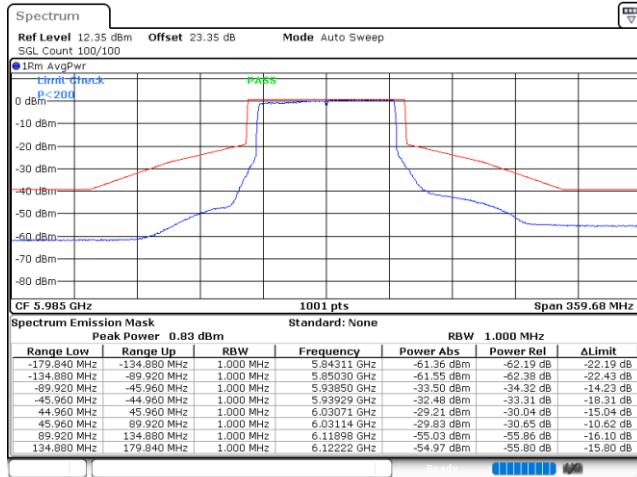




EUT Mode

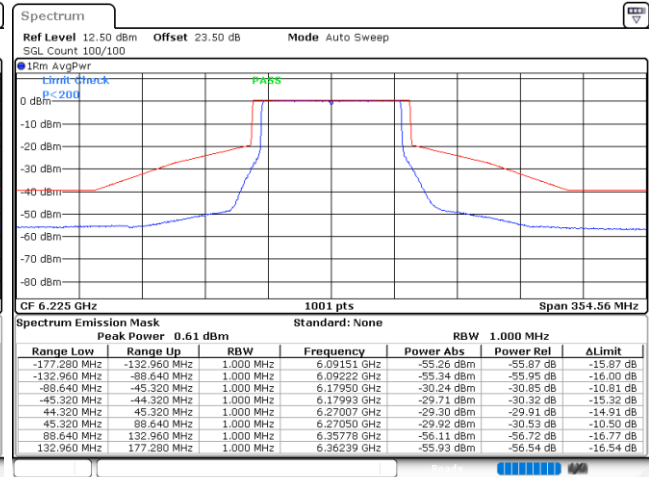
802.11be EHT80 Full RU

Plot on Channel 5985 MHz



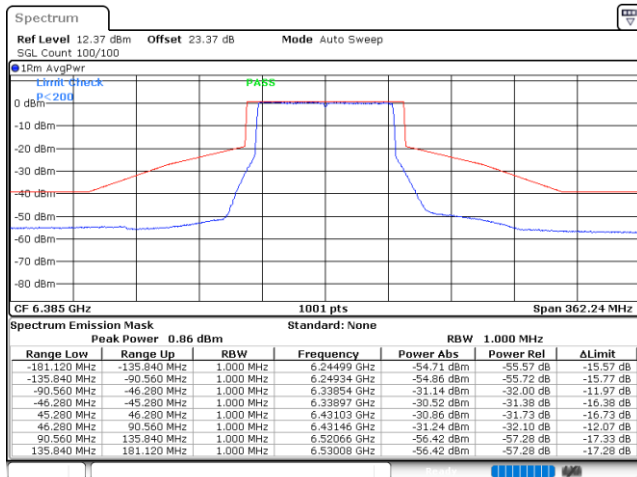
Date: 1.DEC.2023 19:30:03

Plot on Channel 6225 MHz



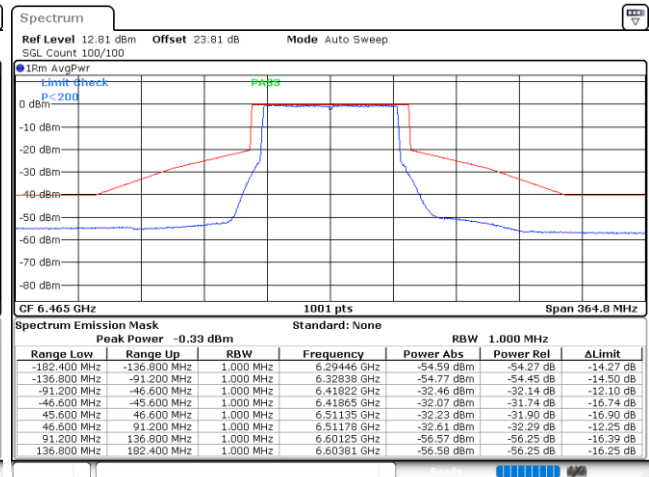
Date: 1.DEC.2023 19:50:14

Plot on Channel 6385 MHz



Date: 1.DEC.2023 19:54:23

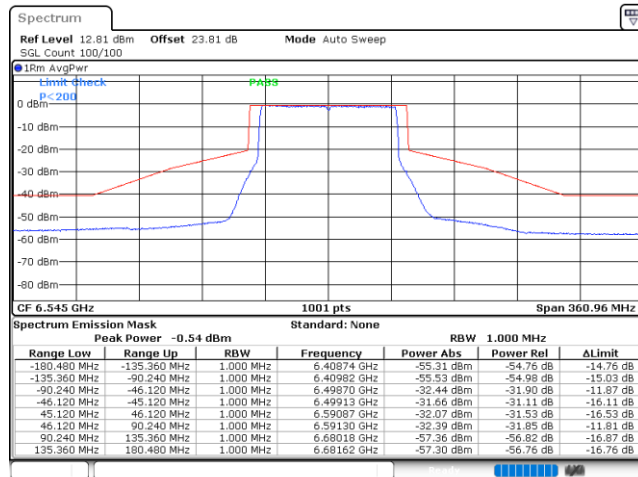
Plot on Channel 6465 MHz



Date: 1.DEC.2023 20:00:46

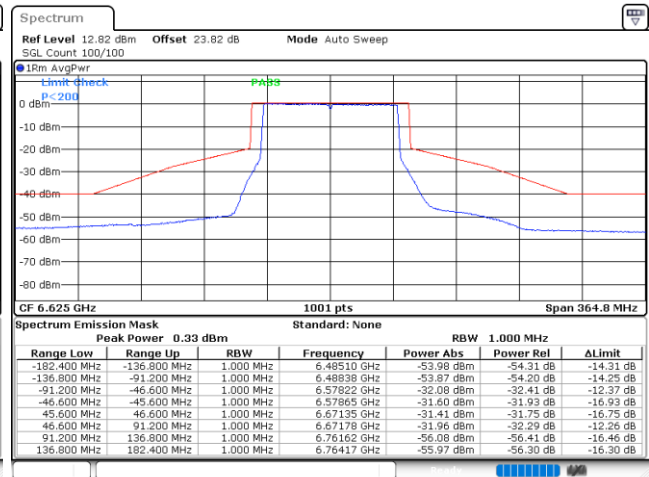


Plot on Channel 6545 MHz



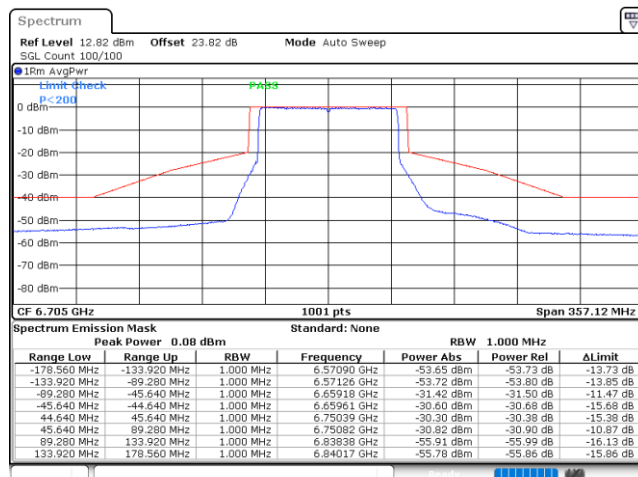
Date: 1.DEC.2023 20:24:37

Plot on Channel 6625 MHz



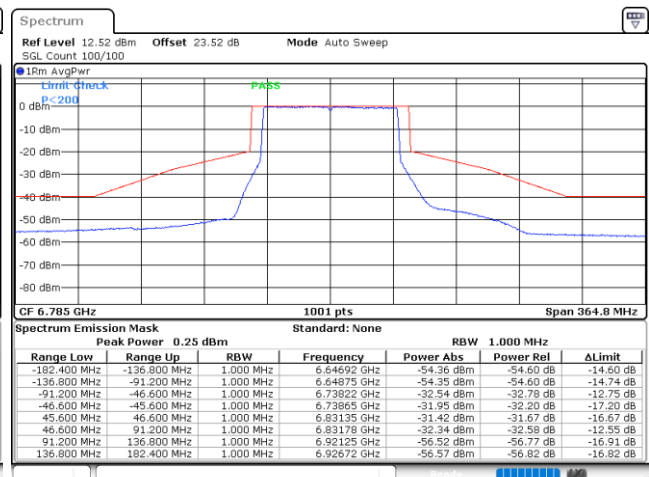
Date: 1.DEC.2023 20:27:33

Plot on Channel 6705 MHz



Date: 1.DEC.2023 20:30:10

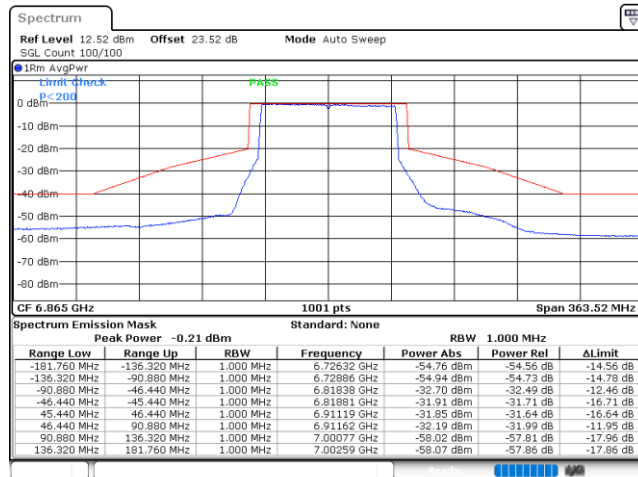
Plot on Channel 6785 MHz



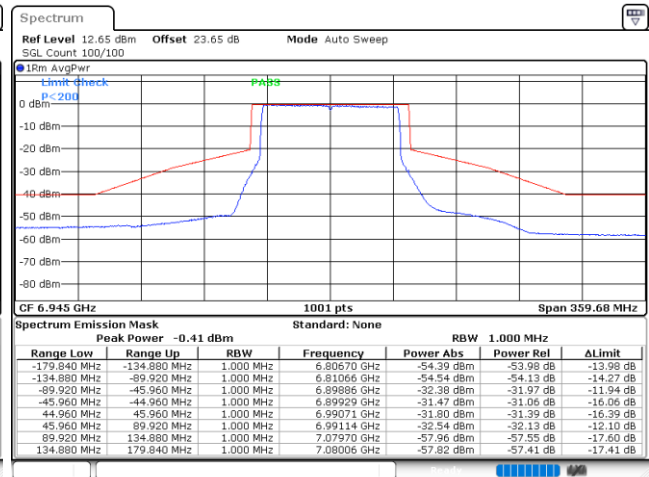
Date: 1.DEC.2023 20:32:59



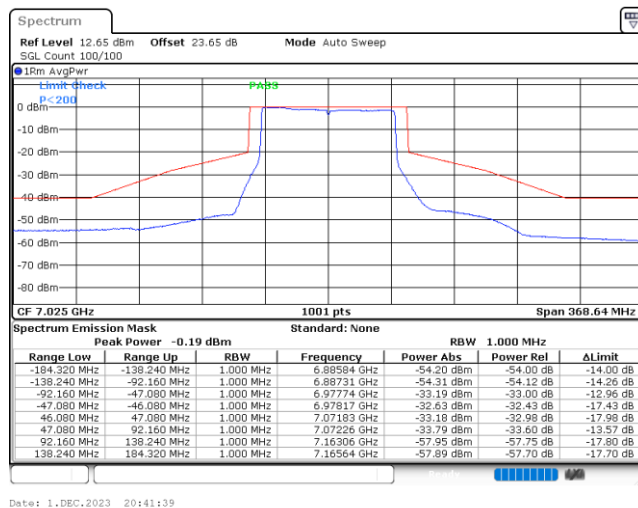
Plot on Channel 6865 MHz



Plot on Channel 6945 MHz



Plot on Channel 7025 MHz

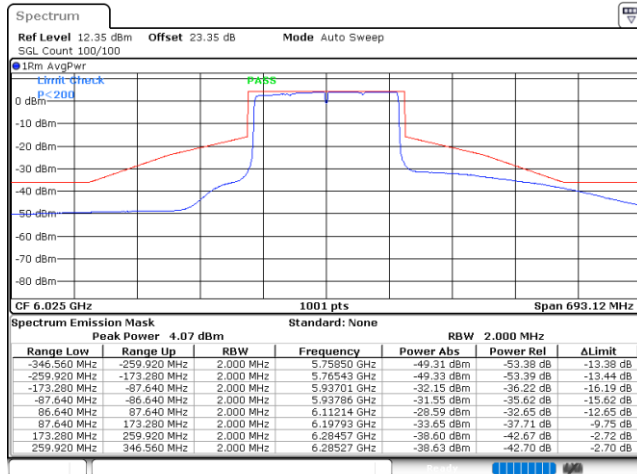




EUT Mode

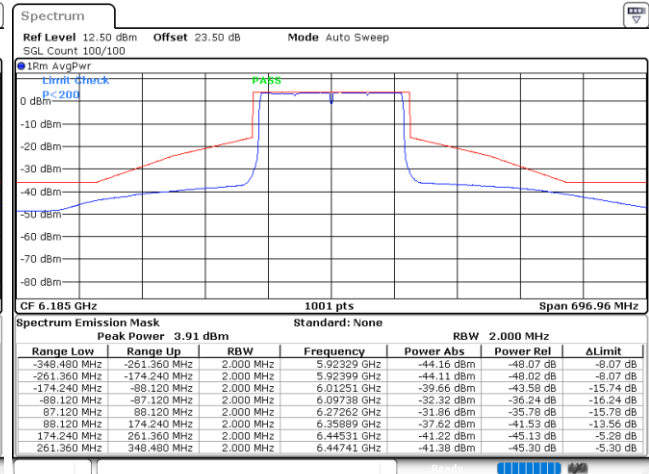
802.11be EHT160 Full RU

Plot on Channel 6025 MHz



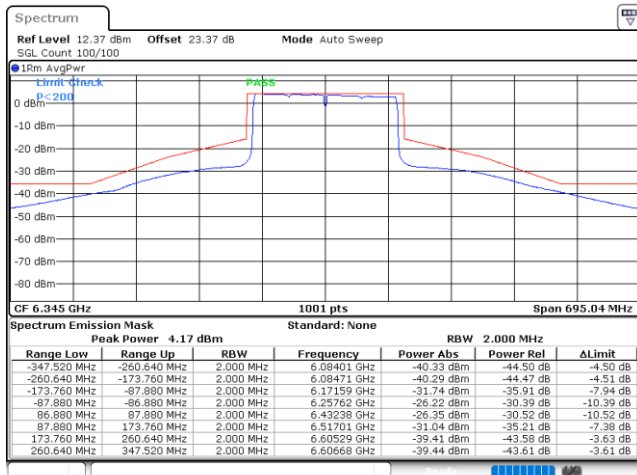
Date: 1.DEC.2023 22:19:41

Plot on Channel 6185 MHz



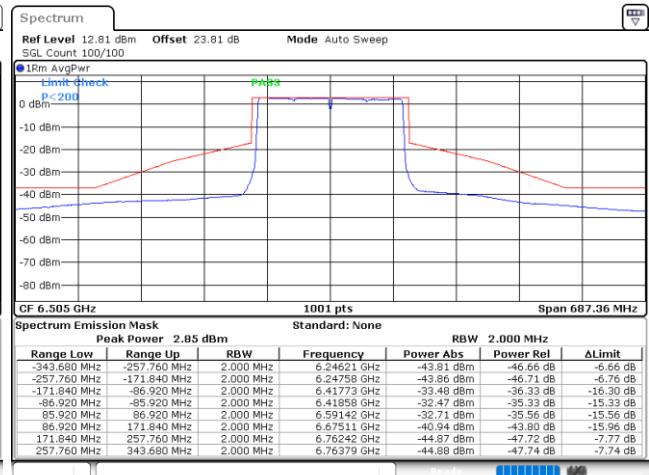
Date: 1.DEC.2023 22:22:02

Plot on Channel 6345 MHz



Date: 1.DEC.2023 22:24:29

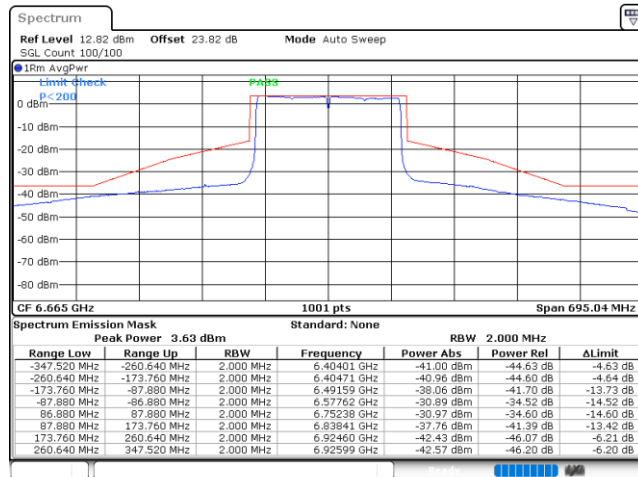
Plot on Channel 6505 MHz



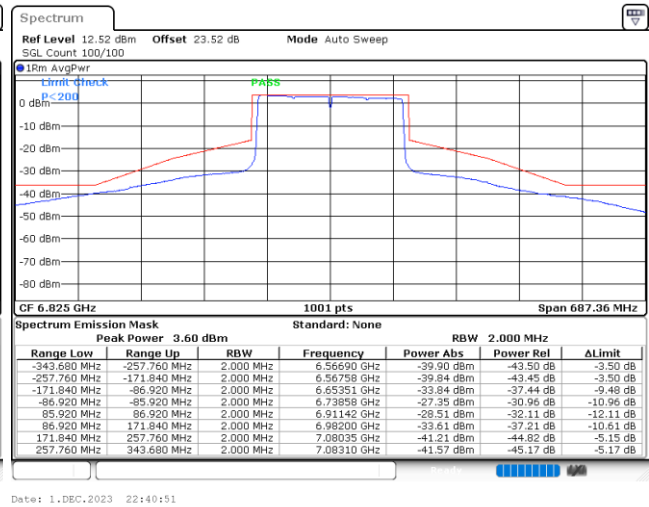
Date: 1.DEC.2023 22:30:58



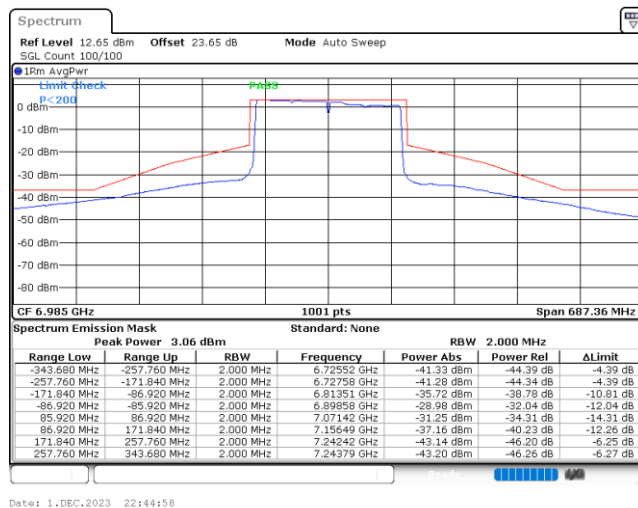
Plot on Channel 6665 MHz



Plot on Channel 6825 MHz



Plot on Channel 6985 MHz

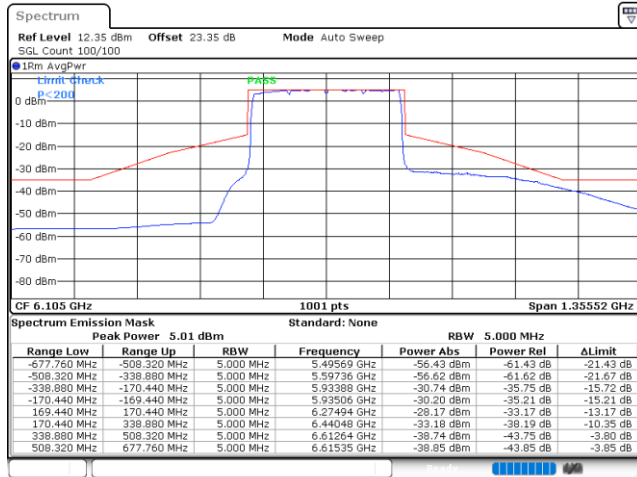




EUT Mode

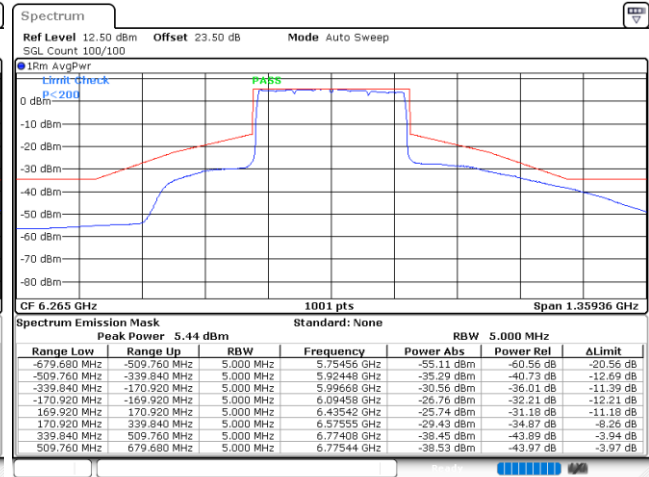
802.11be EHT320 Full RU

Plot on Channel 6105 MHz



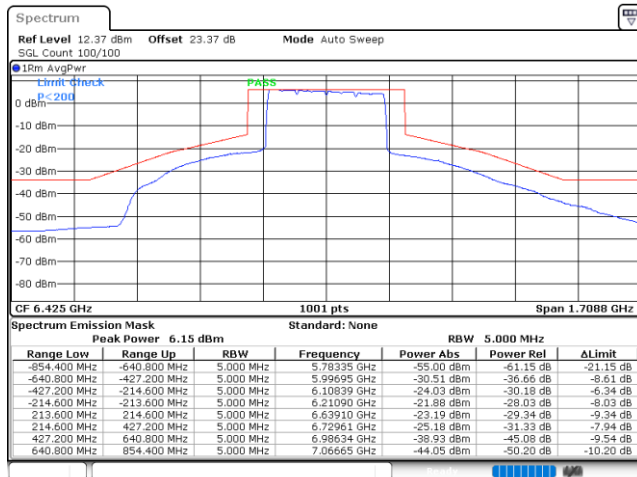
Date: 1.DEC.2023 23:22:55

Plot on Channel 6265 MHz



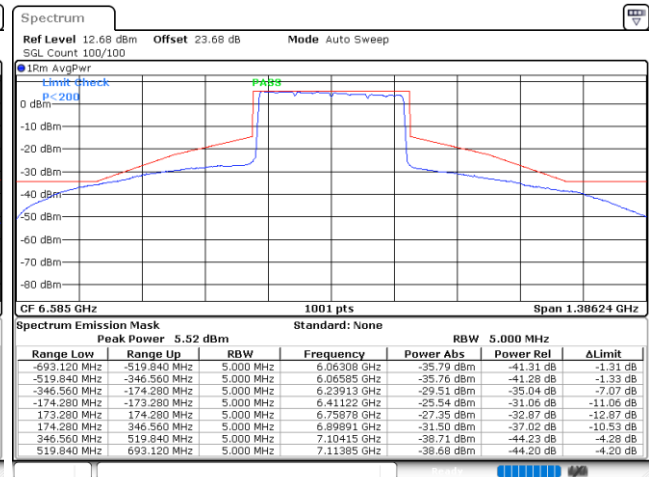
Date: 1.DEC.2023 23:28:28

Plot on Channel 6425 MHz



Date: 1.DEC.2023 23:53:38

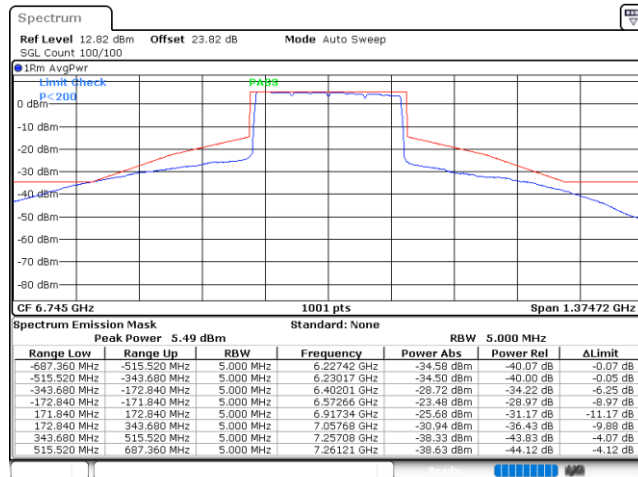
Plot on Channel 6585 MHz



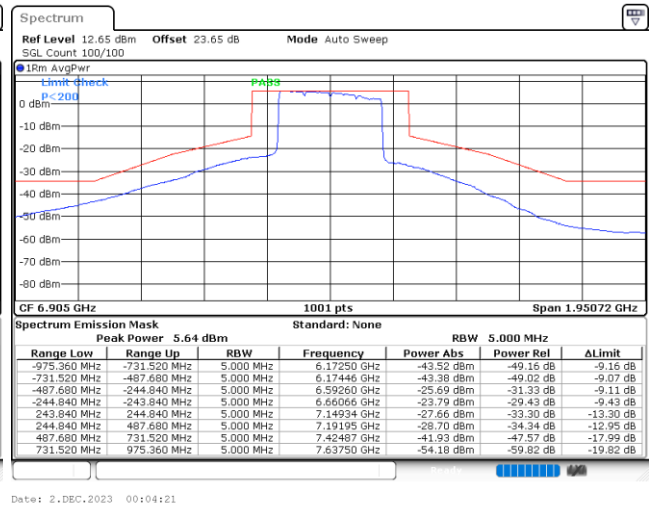
Date: 1.DEC.2023 23:56:49



## Plot on Channel 6745 MHz



## Plot on Channel 6905 MHz



### 3.5 Contention Based Protocol

#### 3.5.1 Limit of Contention Based Protocol

**<FCC 14-30 CFR 15.407>**

(d)(6) Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band must employ a contention-based protocol.

**FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01**

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

**Table 1. Criteria to determine number of times detection threshold test may be performed**

| <b>If</b>                             | <b>Number of Tests</b>                                       | <b>Placement of Incumbent Transmission</b>                                                                                                                                                   |
|---------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $BW_{EUT} \leq BW_{Inc}$              | Once                                                         | Tune incumbent and EUT transmissions ( $f_{c1} = f_{c2}$ )                                                                                                                                   |
| $BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$  | Once                                                         | Incumbent transmission is contained within $BW_{EUT}$                                                                                                                                        |
| $2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$ | Twice. Incumbent transmission is contained within $BW_{EUT}$ | Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel                                                                  |
| $BW_{EUT} > 4BW_{Inc}$                | Three times                                                  | Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel |

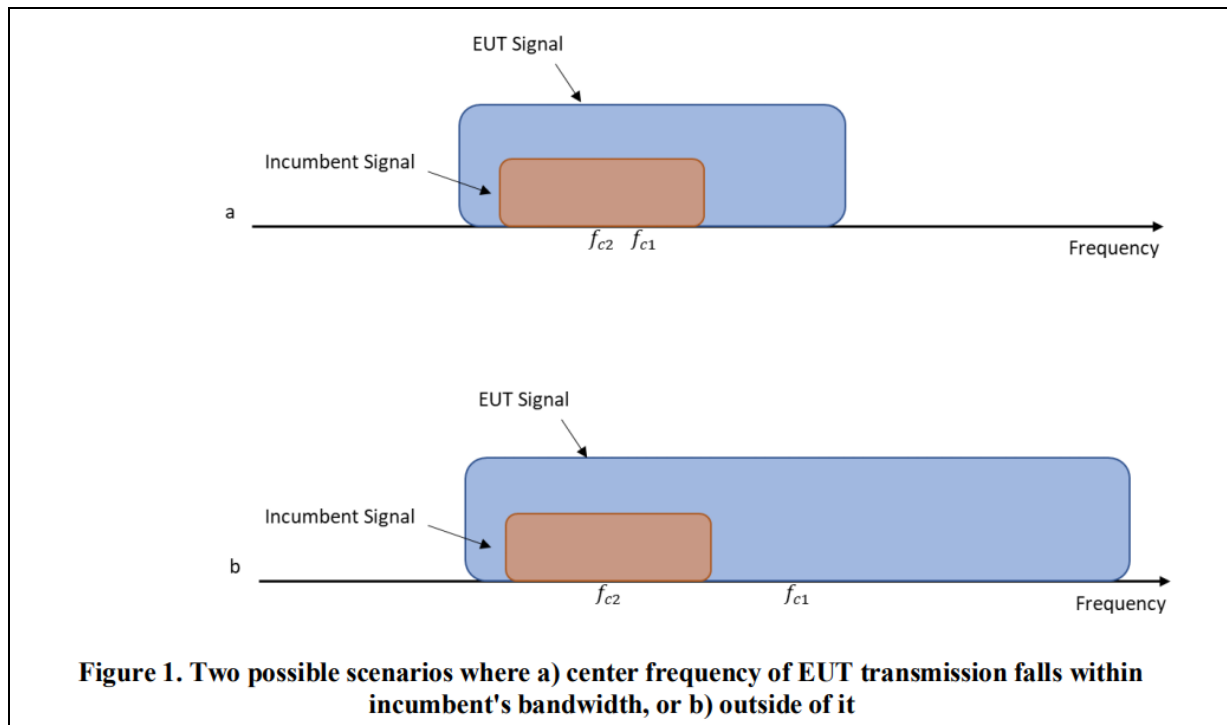
where:

$BW_{EUT}$ : Transmission bandwidth of EUT signal

$BW_{Inc}$ : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

$f_{c1}$ : Center frequency of EUT transmission

$f_{c2}$ : Center frequency of simulated incumbent signal



### 3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.5.3 Test Procedures

The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01.

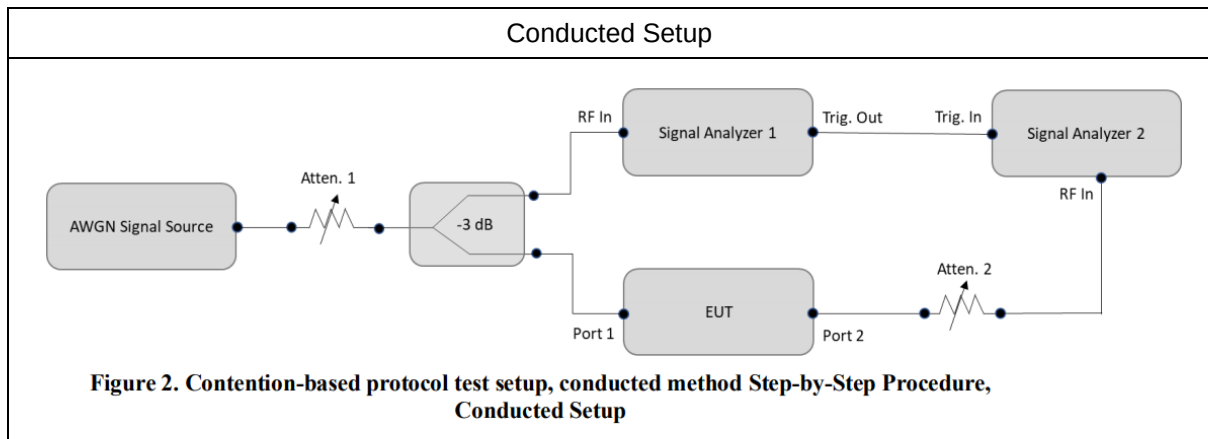
Section I) Contention Based Protocol

Conducted method Step-by-Step Procedure, Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in test setup Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in test setup Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.
12. For the contention-based protocol test where only one channel in each supported sub-band needs to be tested. The narrowest and widest bandwidth in each channel shall be measured EUT was driven in MIMO mode, the interferer level was injected to both chains to monitor the performance, while the interferer level is determined according the lowest antenna gain among both antennas (i.e, lower interferer level).

### 3.5.4 Test Setup



### 3.5.5 Support Unit used in test configuration and system

| Instrument | Brand Name | Model No.   | Characteristics |
|------------|------------|-------------|-----------------|
| Notebook   | HP         | 13-ba1063cl | LAN             |

### 3.5.6 Antenna gain for Contention Based Protocol Test

|                  |                                                                                  |
|------------------|----------------------------------------------------------------------------------|
| CBP Antenna Gain | <UNII-5>: 3.3 dBi<br><UNII-6>: 3.4 dBi<br><UNII-7>: 3.4 dBi<br><UNII-8>: 2.9 dBi |
|------------------|----------------------------------------------------------------------------------|



## 3.5.7 Test Summary of Contention Based Protocol Test

|                 |                  |                     |             |
|-----------------|------------------|---------------------|-------------|
| Test Engineer : | Liliana Gonzalez | Temperature :       | 20.5~23.5°C |
|                 |                  | Relative Humidity : | 44.7~48.7%  |

| Band        | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%) | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|---------------------------|--------------------|---------------------------------|----------------------|-------------|
| UNII Band 5 | 6135                | 20               | 6135                  | -71.10                    | 90                 | -62                             | -74.40               | 12.40       |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -72.10                    | < 90               | -62                             | -75.40               | 13.40       |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -76.10                    | 0                  | -62                             | -79.40               | 17.40       |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |
|             | 6105                | 320              | 5950                  | -70.78                    | 90                 | -62                             | -74.08               | 12.08       |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -71.78                    | < 90               | -62                             | -75.08               | 13.08       |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -75.78                    | 0                  | -62                             | -79.08               | 17.08       |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |
|             |                     |                  | 6105                  | -63.17                    | 90                 | -62                             | -66.47               | 4.47        |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -64.17                    | < 90               | -62                             | -67.47               | 5.47        |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -68.17                    | 0                  | -62                             | -71.47               | 9.47        |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |
|             |                     |                  | 6260                  | -70.96                    | 90                 | -62                             | -74.26               | 12.26       |
|             |                     |                  |                       | Result: Stop Transmission |                    |                                 |                      |             |
|             |                     |                  |                       | -71.96                    | < 90               | -62                             | -75.26               | 13.26       |
|             |                     |                  |                       | Result: Minimal Operation |                    |                                 |                      |             |
|             |                     |                  |                       | -75.96                    | 0                  | -62                             | -79.26               | 17.26       |
|             |                     |                  |                       | Result: Normal Operation  |                    |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (3.3dBi).

**Note 2:** The antenna gain has included the path loss between RF connector and antenna.

**Note 3:** Margin = Regulated Threshold level - Adjusted Power.



| Band           | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%)        | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|----------------|---------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------------|----------------------|-------------|
| UNII<br>Band 6 | 6455                | 20               | 6455                  | -69.99                    | 100                       | -62                             | -73.39               | 11.39       |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -70.99                    | < 90                      | -62                             | -74.39               | 12.39       |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -74.99                    | 0                         | -62                             | -78.39               | 16.39       |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|                | 6425                | 320              | 6270                  | -69.32                    | 100                       | -62                             | -72.62               | 10.62       |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -70.32                    | < 90                      | -62                             | -73.62               | 11.62       |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -74.32                    | 0                         | -62                             | -77.62               | 15.62       |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|                |                     |                  | 6425                  | -62.08                    | 100                       | -62                             | -65.38               | 3.38        |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -63.08                    | < 90                      | -62                             | -66.38               | 4.38        |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -67.08                    | 0                         | -62                             | -70.38               | 8.38        |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|                |                     |                  | 6580                  | -65.56                    | 90                        | -62                             | -68.86               | 6.86        |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -66.56                    | < 90                      | -62                             | -69.86               | 7.86        |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -70.56                    | 0                         | -62                             | -73.86               | 11.86       |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (3.4dBi for 20MHz, 3.3dBi for 320MHz).

**Note 2:** The antenna gain has included the path loss between RF connector and antenna.

**Note 3:** Margin = Regulated Threshold level - Adjusted Power.



| Band        | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%)        | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|-------------|---------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------------|----------------------|-------------|
| UNII Band 7 | 6695                | 20               | 6695                  | -69.27                    | 100                       | -62                             | -72.67               | 10.67       |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -70.27                    | < 90                      | -62                             | -73.67               | 11.67       |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -74.27                    | 0                         | -62                             | -77.67               | 15.67       |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             | 6745                | 320              | 6590                  | -69.84                    | 90                        | -62                             | -72.74               | 10.74       |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -70.84                    | < 90                      | -62                             | -73.74               | 11.74       |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -74.84                    | 0                         | -62                             | -77.74               | 15.74       |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6745                  | -61.74                    | 100                       | -62                             | -64.64               | 2.64        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -62.74                    | < 90                      | -62                             | -65.64               | 3.64        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -66.74                    | 0                         | -62                             | -69.64               | 7.64        |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|             |                     |                  | 6900                  | -64.87                    | 100                       | -62                             | -67.77               | 5.77        |
|             |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|             |                     |                  |                       | -65.87                    | < 90                      | -62                             | -68.77               | 6.77        |
|             |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|             |                     |                  |                       | -69.87                    | 0                         | -62                             | -72.77               | 10.77       |
|             |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (3.4dBi for 20MHz, 2.9dBi for 320MHz).

**Note 2:** The antenna gain has included the path loss between RF connector and antenna.

**Note 3:** Margin = Regulated Threshold level - Adjusted Power.



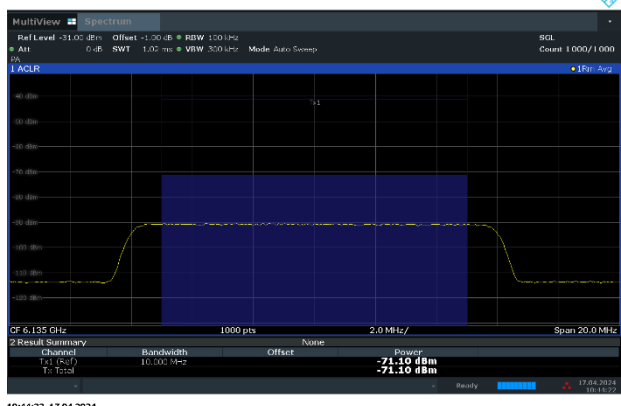
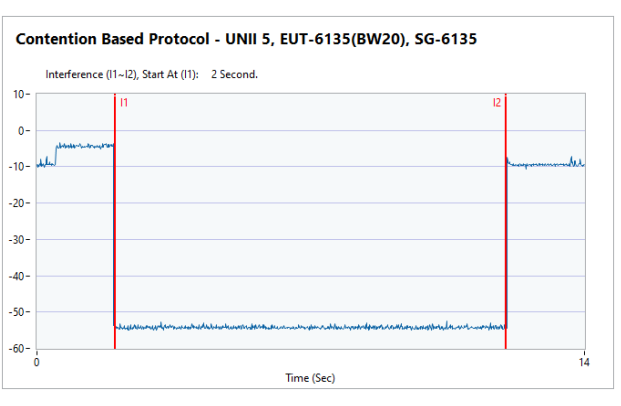
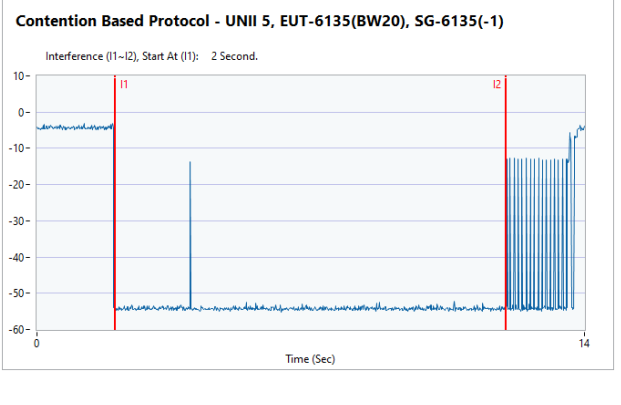
| Band           | Channel Freq. (MHz) | Channel BW (MHz) | Incumbent freq. (MHz) | Injected AWGN Level (dBm) | Detection Rate (%)        | Regulated Threshold level (dBm) | Adjusted Power (dBm) | Margin (dB) |
|----------------|---------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------------|----------------------|-------------|
| UNII<br>Band 8 | 7015                | 20               | 7015                  | -69.59                    | 90                        | -62                             | -72.49               | 10.49       |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -70.59                    | < 90                      | -62                             | -73.49               | 11.49       |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -74.59                    | 0                         | -62                             | -77.49               | 15.49       |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|                | 6905                | 320              | 6750                  | -67.95                    | 100                       | -62                             | -70.85               | 8.85        |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -68.95                    | < 90                      | -62                             | -71.85               | 9.85        |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -72.95                    | 0                         | -62                             | -75.85               | 13.85       |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|                |                     |                  | 6905                  | -61.60                    | 90                        | -62                             | -64.50               | 2.50        |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -62.60                    | < 90                      | -62                             | -65.50               | 3.50        |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -66.60                    | 0                         | -62                             | -69.50               | 7.50        |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |
|                |                     |                  | 7060                  | -62.66                    | 90                        | -62                             | -65.56               | 3.56        |
|                |                     |                  |                       |                           | Result: Stop Transmission |                                 |                      |             |
|                |                     |                  |                       | -63.66                    | < 90                      | -62                             | -66.56               | 4.56        |
|                |                     |                  |                       |                           | Result: Minimal Operation |                                 |                      |             |
|                |                     |                  |                       | -67.66                    | 0                         | -62                             | -70.56               | 8.56        |
|                |                     |                  |                       |                           | Result: Normal Operation  |                                 |                      |             |

**Note 1:** Adjusted Power = Injected AWGN Level - minimum antenna gain (2.9dBi).

**Note 2:** The antenna gain has included the path loss between RF connector and antenna.

**Note 3:** Margin = Regulated Threshold level - Adjusted Power.

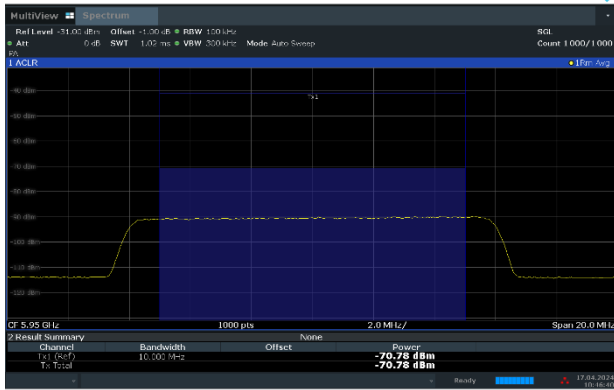
### 3.5.8 Test Plots of Contention Based Protocol Test

| Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)                                                                                        |                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>802.11be (EHT20) / 6135MHz</p> <p>Threshold Level (TL) = -71.10 dBm</p>  | <p>802.11be (EHT20) / CH37</p> <p>Test result is pass due to no transmission occur.</p>  |
| <p>802.11be (EHT20) / 6135MHz</p> <p>Threshold Level (TL) = -72.10 dBm</p>                                                                                   | <p>802.11be (EHT20) / CH37</p> <p>Transmit when the interferer is 1dB lower.</p>       |



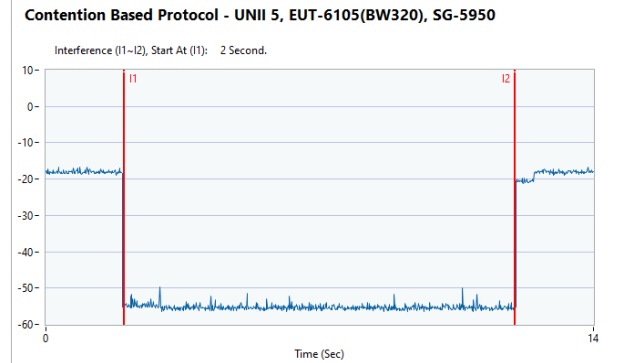
## Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

802.11be (EHT320) / 5950MHz (Lower edge)  
Threshold Level (TL) = -70.78dBm



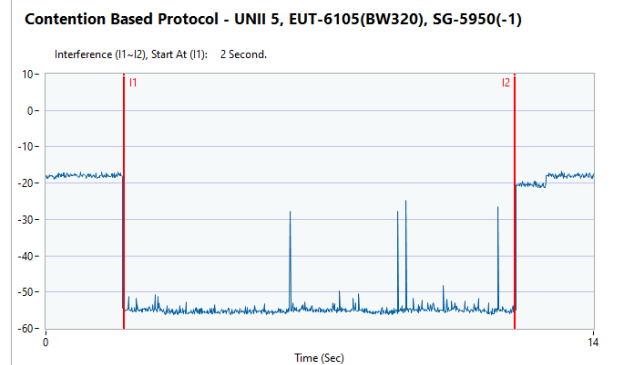
10:46:41 17.04.2024

802.11be (EHT320) / CH31 (Lower edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 5950MHz (Lower edge)  
Threshold Level (TL) = -71.78dBm

802.11be (EHT320) / CH31 (Lower edge)  
Transmit when the interferer is 1dB lower.

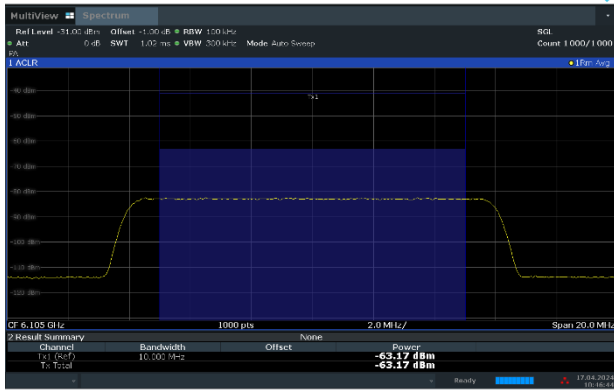




## Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

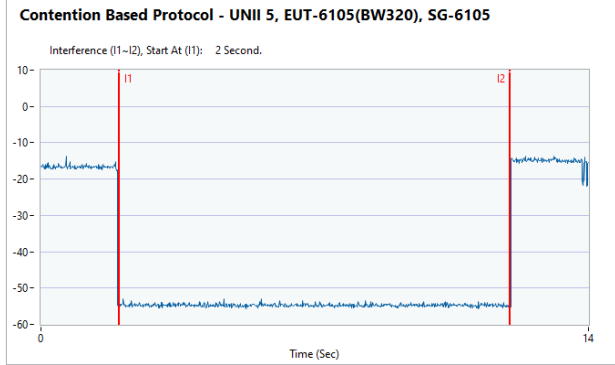
802.11be (EHT320) / 6105MHz (Middle)

Threshold Level (TL) = -63.17dBm



802.11be (EHT320) / CH31 (Middle)

Test result is pass due to no transmission occur.

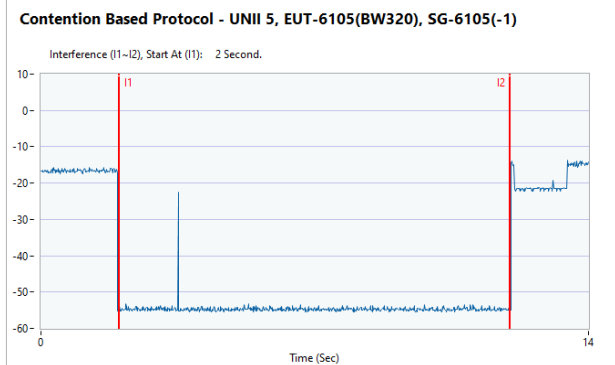


802.11be (EHT320) / 6105MHz (Middle)

Threshold Level (TL) = -64.17dBm

802.11be (EHT320) / CH31 (Middle)

Transmit when the interferer is 1dB lower.

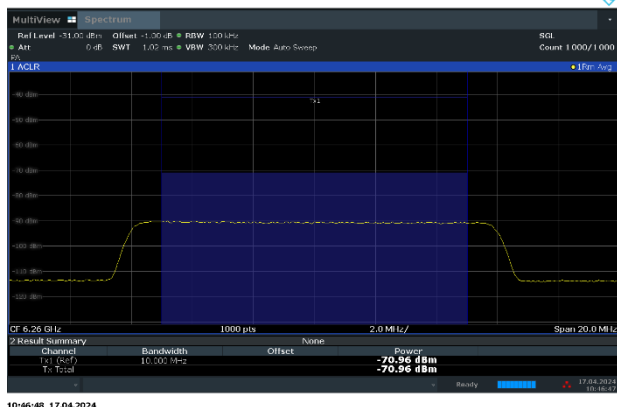




## Contention Based Protocol Result Plots on U-NII 5 (AWGN Interference)

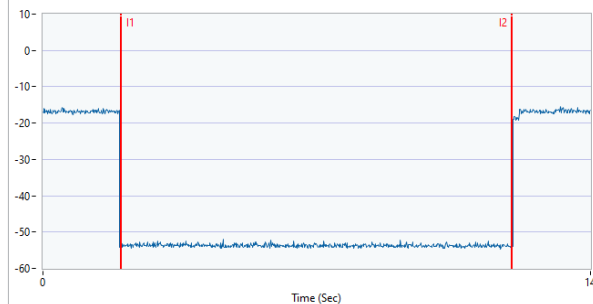
802.11be (EHT320) / 6260MHz (Upper edge)  
Threshold Level (TL) = -70.96dBm

802.11be (EHT320) / CH31 (Upper edge)  
Test result is pass due to no transmission occur.



## Contention Based Protocol - UNII 5, EUT-6105(BW320), SG-6260

Interference (I1-I2), Start At (I1): 2 Second.

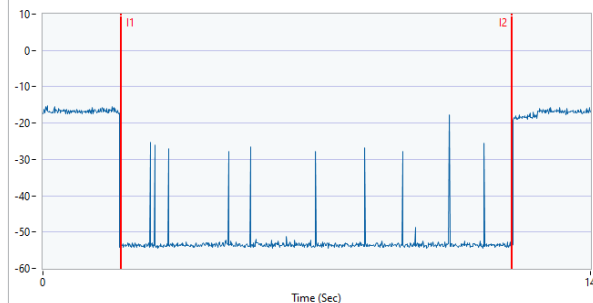


802.11be (EHT320) / 6260MHz (Upper edge)  
Threshold Level (TL) = -71.96dBm

802.11be (EHT320) / CH31 (Upper edge)  
Transmit when the interferer is 1dB lower.

## Contention Based Protocol - UNII 5, EUT-6105(BW320), SG-6260(-1)

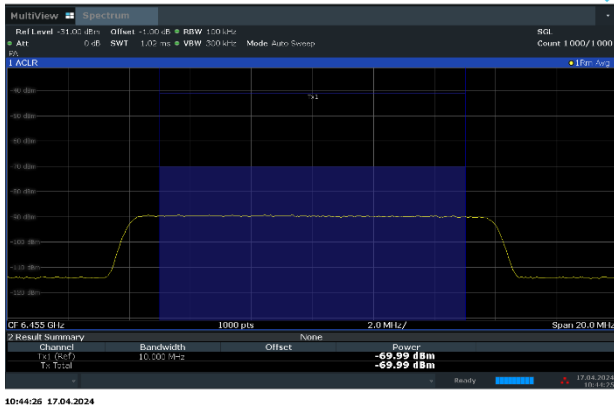
Interference (I1-I2), Start At (I1): 2 Second.





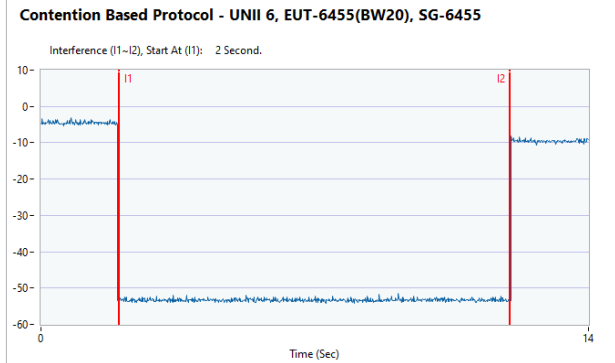
## Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

802.11be (EHT20) / 6455MHz  
Threshold Level (TL) = -69.99dBm



802.11be (EHT20) / CH101

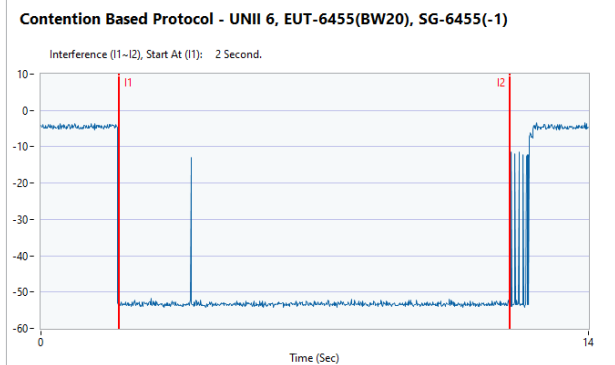
Test result is pass due to no transmission occur.



802.11be (EHT20) / 6455MHz  
Threshold Level (TL) = -70.99dBm

802.11be (EHT20) / CH101

Transmit when the interferer is 1dB lower.

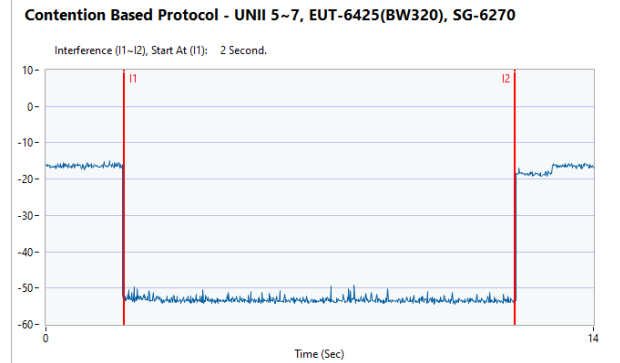
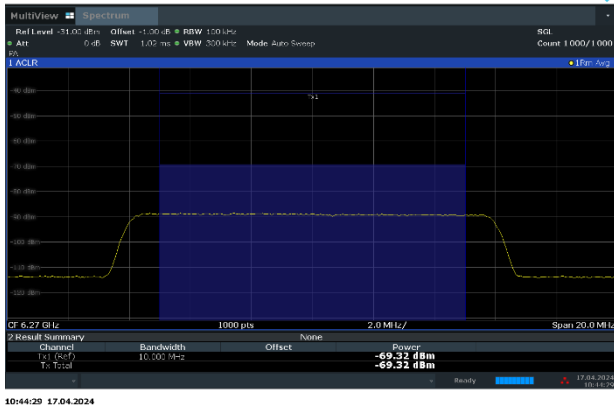




## Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

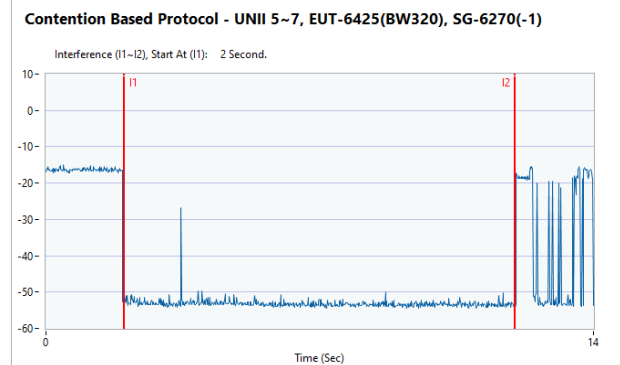
802.11be (EHT320) / 6270MHz (Lower edge)  
Threshold Level (TL) = -69.32dBm

802.11be (EHT320) / CH95 (Lower edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6270MHz (Lower edge)  
Threshold Level (TL) = -70.32dBm

802.11be (EHT320) / CH95 (Lower edge)  
Transmit when the interferer is 1dB lower.

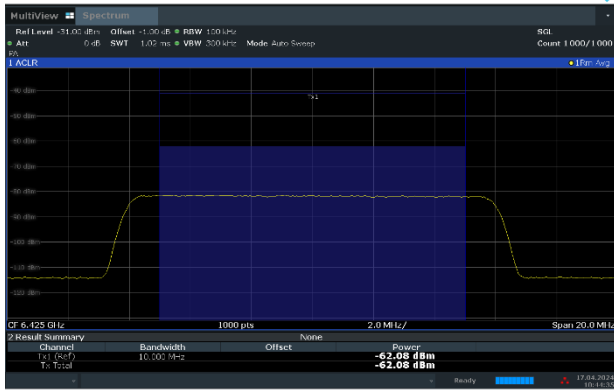




## Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

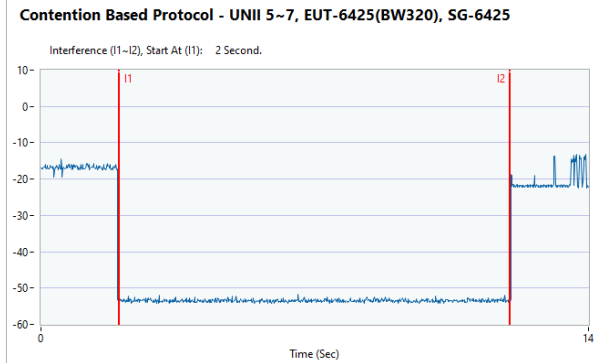
802.11be (EHT320) / 6425MHz (Middle)

Threshold Level (TL) = -62.08dBm



802.11be (EHT320) / CH95 (Middle)

Test result is pass due to no transmission occur.

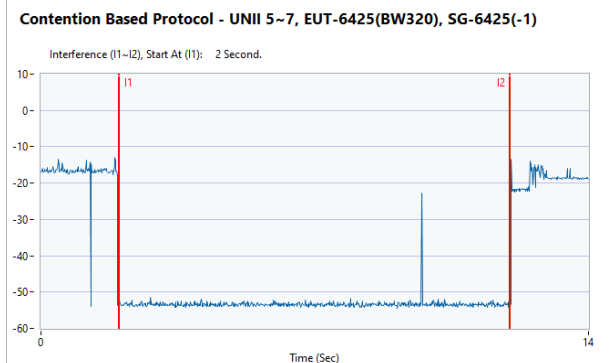


802.11be (EHT320) / 6425MHz (Middle)

Threshold Level (TL) = -63.08dBm

802.11be (EHT320) / CH95 (Middle)

Transmit when the interferer is 1dB lower.

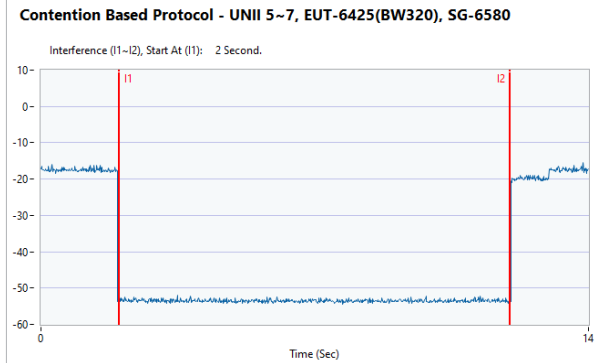
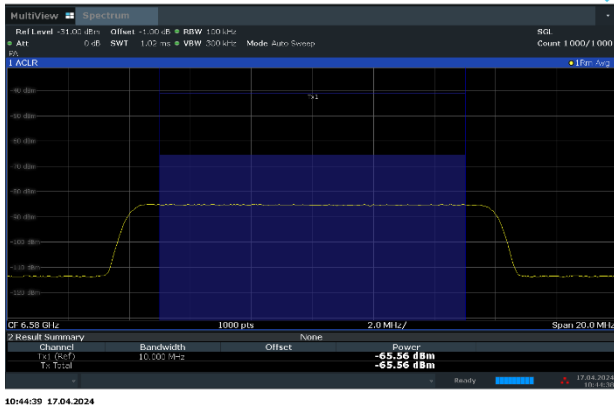




## Contention Based Protocol Result Plots on U-NII 6 (AWGN Interference)

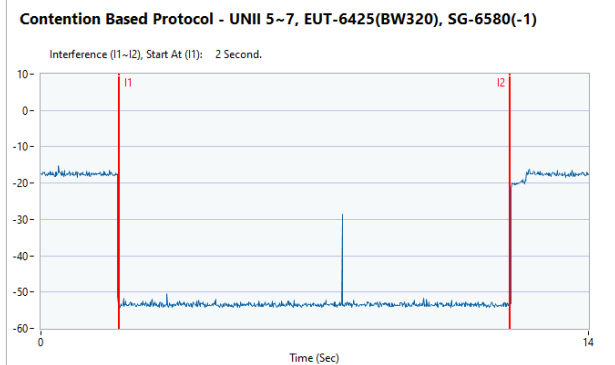
802.11be (EHT320) / 6580MHz (Upper edge)  
Threshold Level (TL) = -65.56dBm

802.11be (EHT320) / CH95 (Upper edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6580MHz (Upper edge)  
Threshold Level (TL) = -66.56dBm

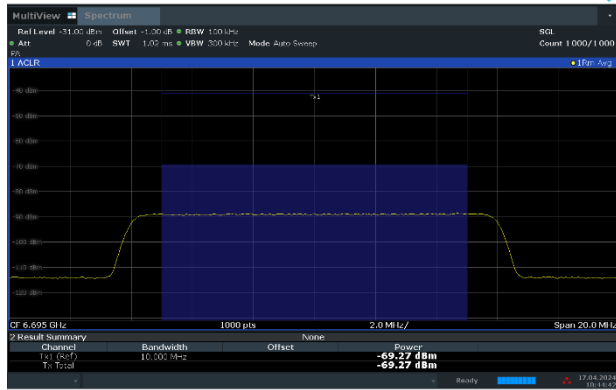
802.11be (EHT320) / CH95 (Upper edge)  
Transmit when the interferer is 1dB lower.





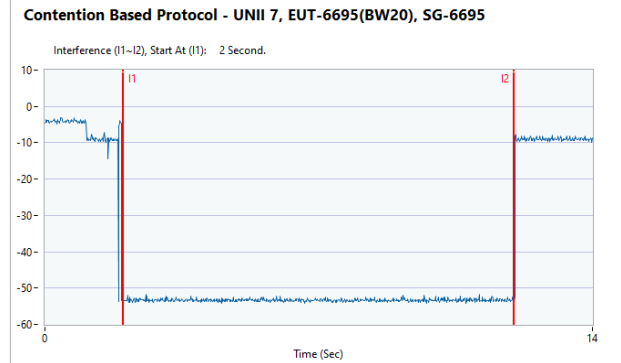
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

802.11be (EHT20) / 6695MHz  
Threshold Level (TL) = -69.27dBm

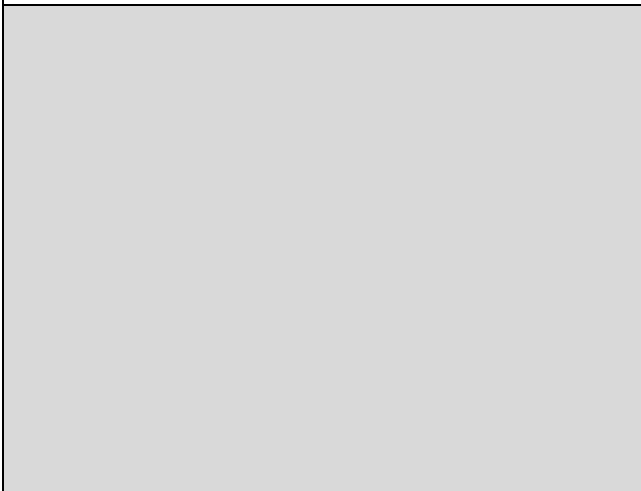


802.11be (EHT20) / CH149

Test result is pass due to no transmission occur.

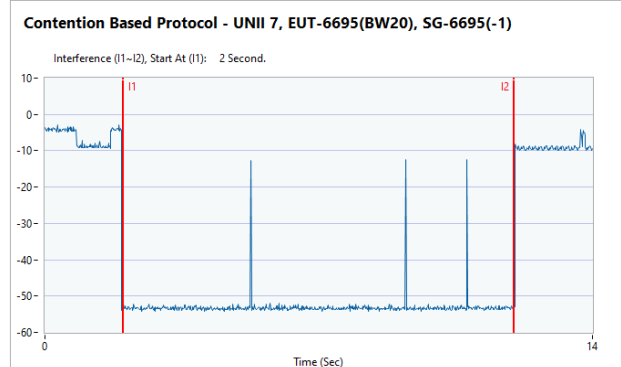


802.11be (EHT20) / 6695MHz  
Threshold Level (TL) = -70.27dBm



802.11be (EHT20) / CH149

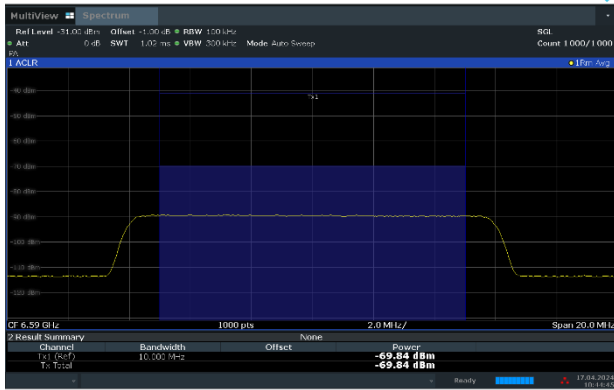
Transmit when the interferer is 1dB lower.





## Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

802.11be (EHT320) / 6590MHz (Lower edge)  
Threshold Level (TL) = -69.84dBm

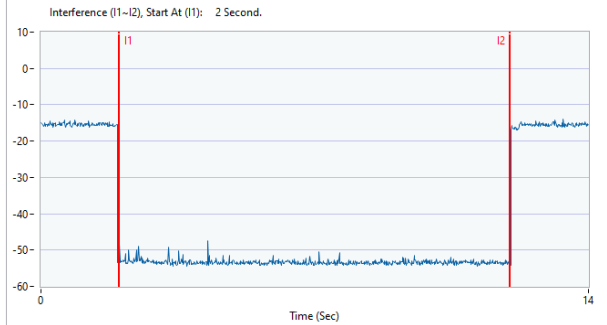


10:44:46 17.04.2024

802.11be (EHT320) / CH159 (Lower edge)

Test result is pass due to no transmission occur.

## Contention Based Protocol - UNII 7&amp;8, EUT-6745(BW320), SG-6590

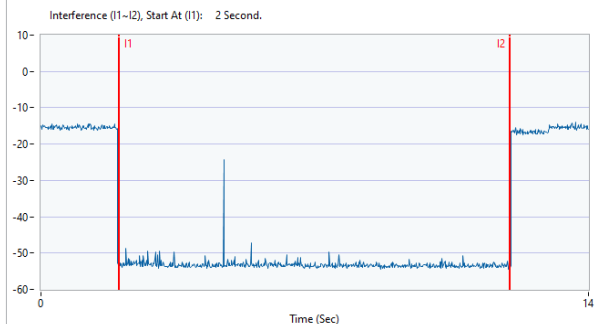


802.11be (EHT320) / 6590MHz (Lower edge)  
Threshold Level (TL) = -70.84dBm

802.11be (EHT320) / CH159 (Lower edge)

Transmit when the interferer is 1dB lower.

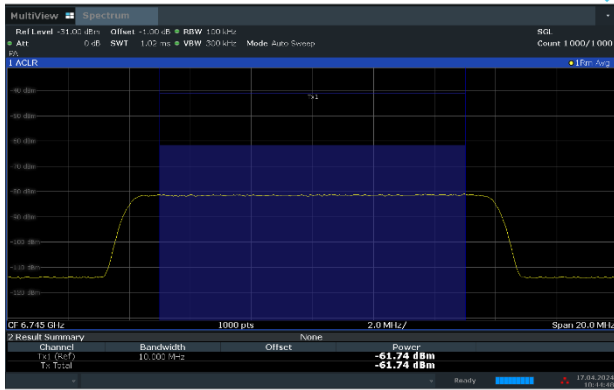
## Contention Based Protocol - UNII 7&amp;8, EUT-6745(BW320), SG-6590(-1)





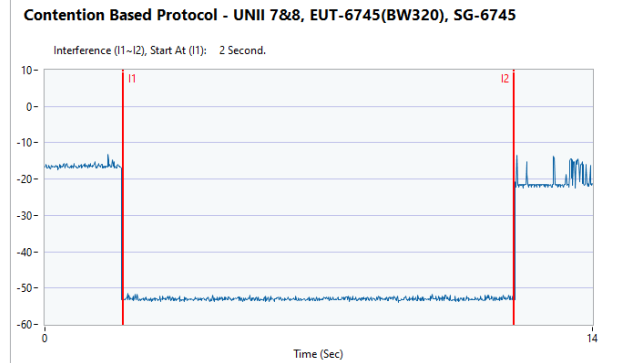
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

802.11be (EHT320) / 6745MHz (Middle)  
Threshold Level (TL) = -61.74dBm

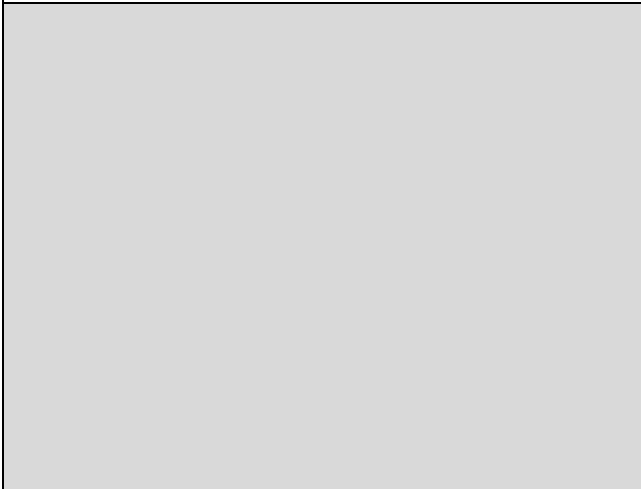


802.11be (EHT320) / CH159 (Middle)

Test result is pass due to no transmission occur.

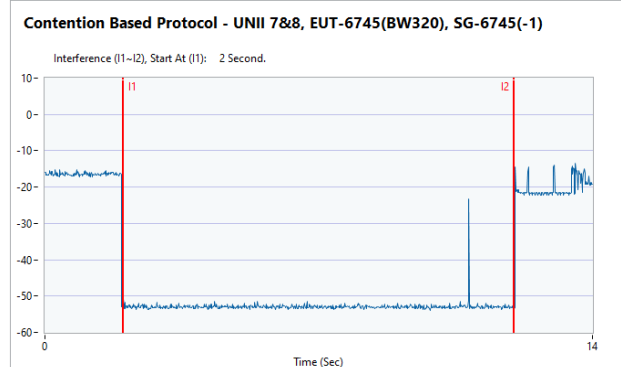


802.11be (EHT320) / 6745MHz (Middle)  
Threshold Level (TL) = -62.74dBm



802.11be (EHT320) / CH159 (Middle)

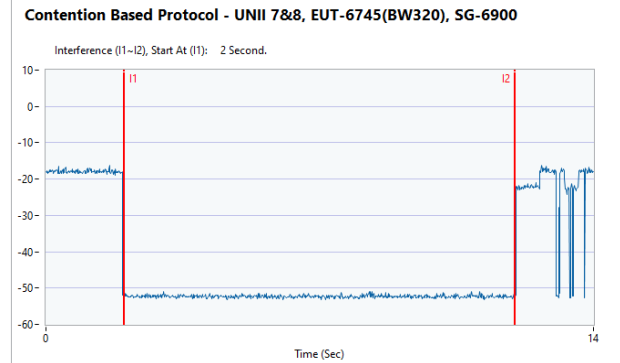
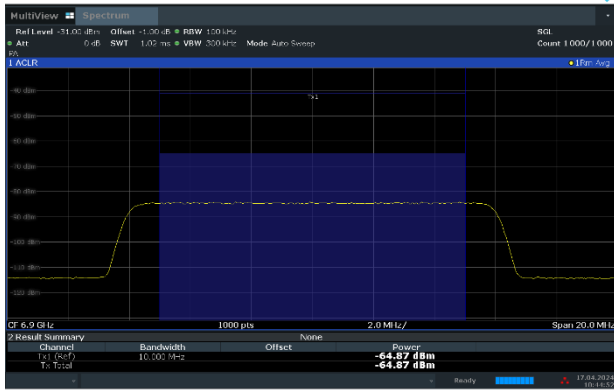
Transmit when the interferer is 1dB lower.



**Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)**

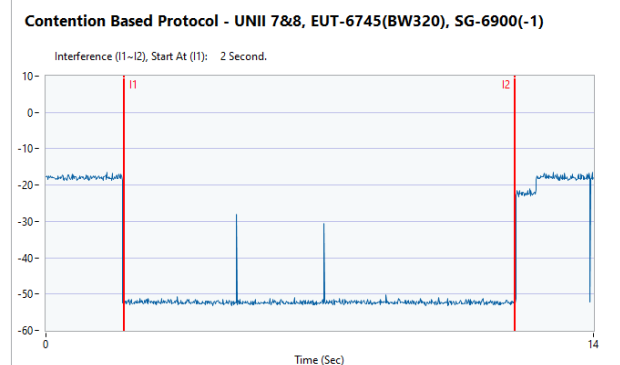
802.11be (EHT320) / 6900MHz (Upper edge)  
Threshold Level (TL) = -64.87dBm

802.11be (EHT320) / CH159 (Upper edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6900MHz (Upper edge)  
Threshold Level (TL) = -65.87dBm

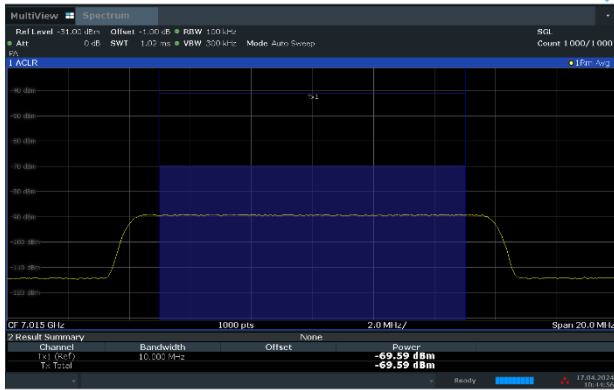
802.11be (EHT320) / CH159 (Upper edge)  
Transmit when the interferer is 1dB lower.





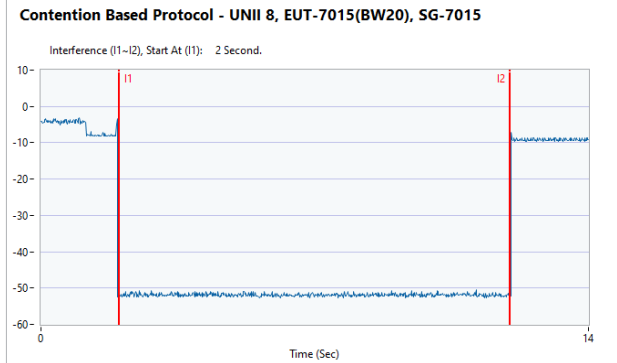
Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

802.11be (EHT20) / 7015MHz  
Threshold Level (TL) = -69.59dBm



802.11be (EHT20) / CH213

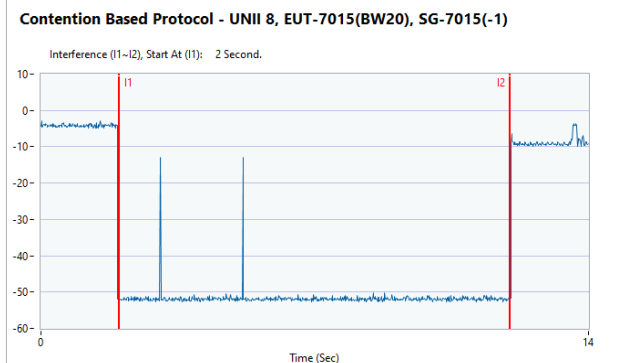
Test result is pass due to no transmission occur.



802.11be (EHT20) / 7015MHz  
Threshold Level (TL) = -70.59dBm

802.11be (EHT20) / CH213

Transmit when the interferer is 1dB lower.

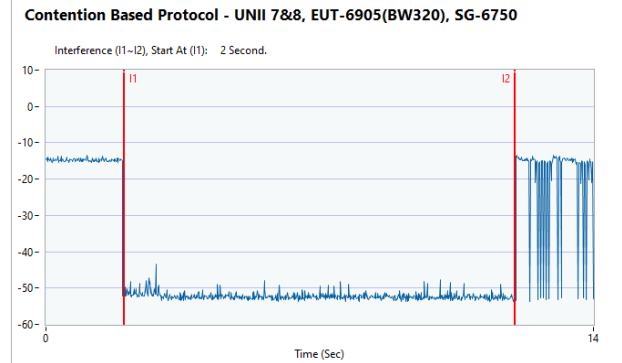
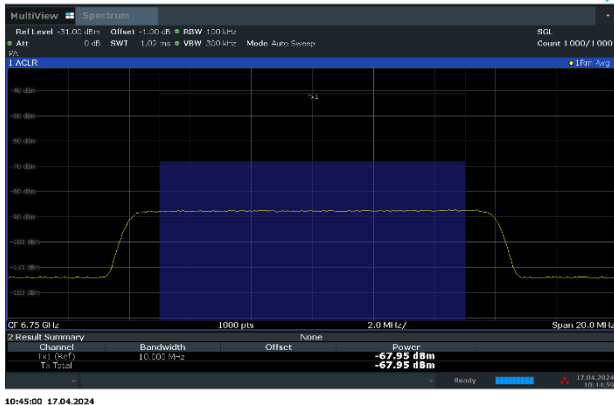




Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

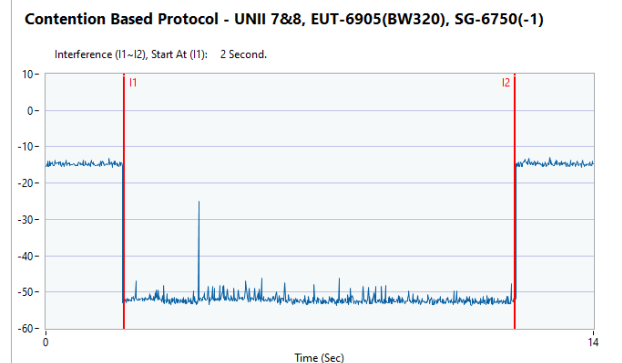
802.11be (EHT320) / 6750MHz (Lower edge)  
Threshold Level (TL) = -67.95dBm

802.11be (EHT320) / CH191 (Lower edge)  
Test result is pass due to no transmission occur.



802.11be (EHT320) / 6750MHz (Lower edge)  
Threshold Level (TL) = -68.95dBm

802.11be (EHT320) / CH191 (Lower edge)  
Transmit when the interferer is 1dB lower.

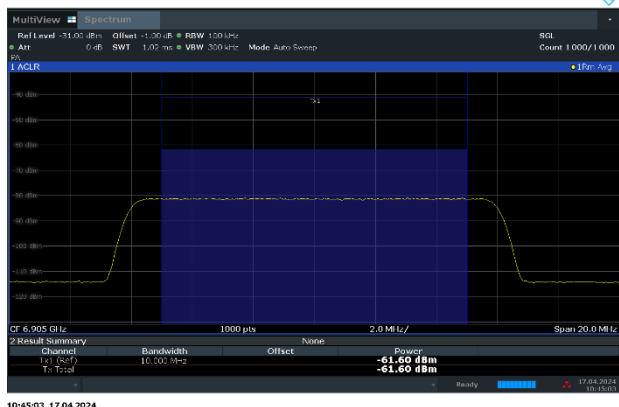




## Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

802.11be (EHT320) / 6905MHz (Middle)

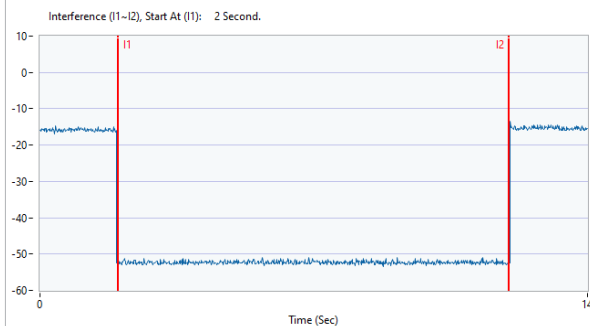
Threshold Level (TL) = -61.60dBm



802.11be (EHT320) / CH191 (Middle)

Test result is pass due to no transmission occur.

## Contention Based Protocol - UNII 7&amp;8, EUT-6905(BW320), SG-6905



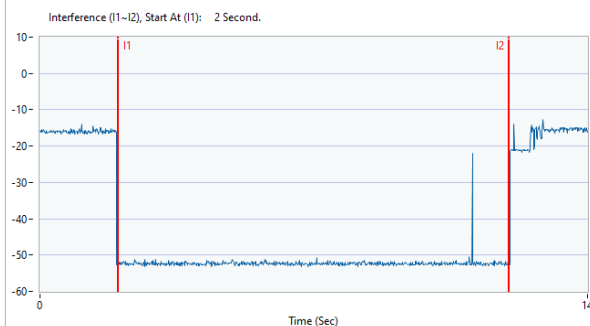
802.11be (EHT320) / 6905MHz (Middle)

Threshold Level (TL) = -62.60dBm

802.11be (EHT320) / CH191 (Middle)

Transmit when the interferer is 1dB lower.

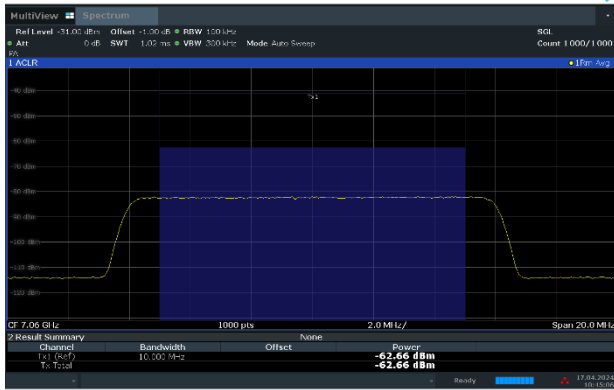
## Contention Based Protocol - UNII 7&amp;8, EUT-6905(BW320), SG-6905(-1)





## Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

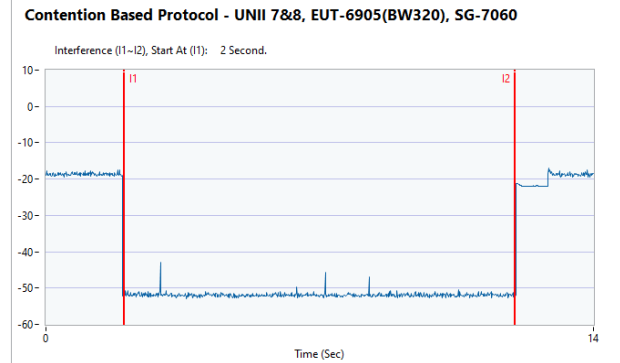
802.11be (EHT320) / 7060MHz (Upper edge)  
Threshold Level (TL) = -62.66dBm



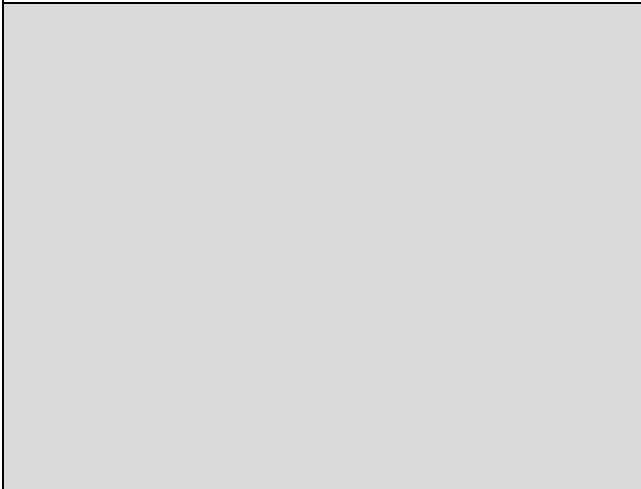
10:45:06 17.04.2024

802.11be (EHT320) / CH191 (Upper edge)

Test result is pass due to no transmission occur.



802.11be (EHT320) / 7060MHz (Upper edge)  
Threshold Level (TL) = -63.66dBm



802.11be (EHT320) / CH191 (Upper edge)

Transmit when the interferer is 1dB lower.

