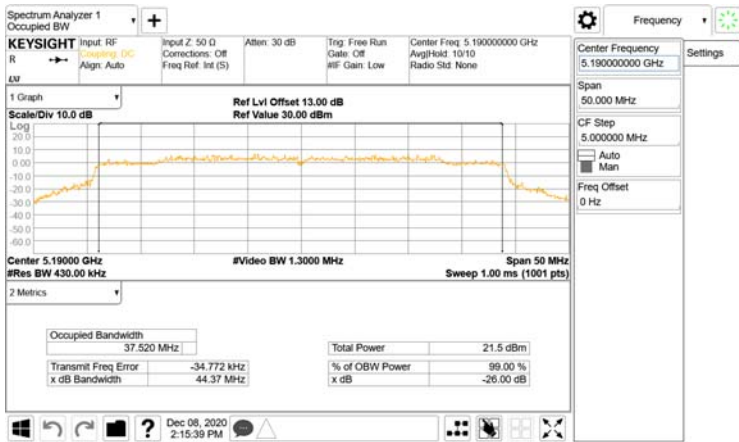


FCC_802.11ax_40MHz_Chain0_5190MHz



FCC_802.11ax_40MHz_Chain0_5310MHz



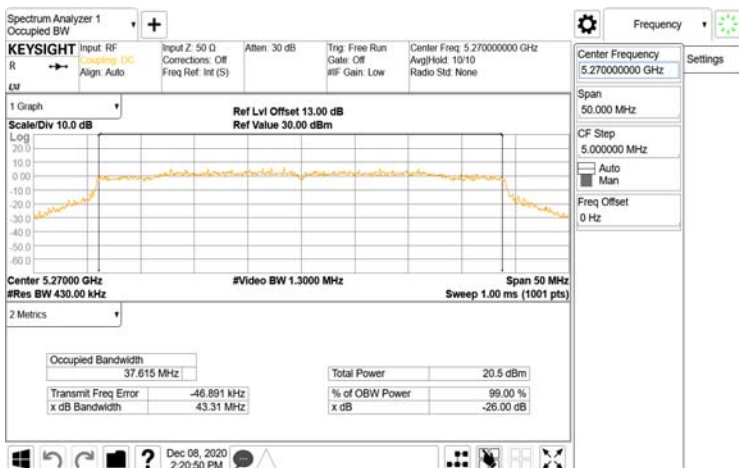
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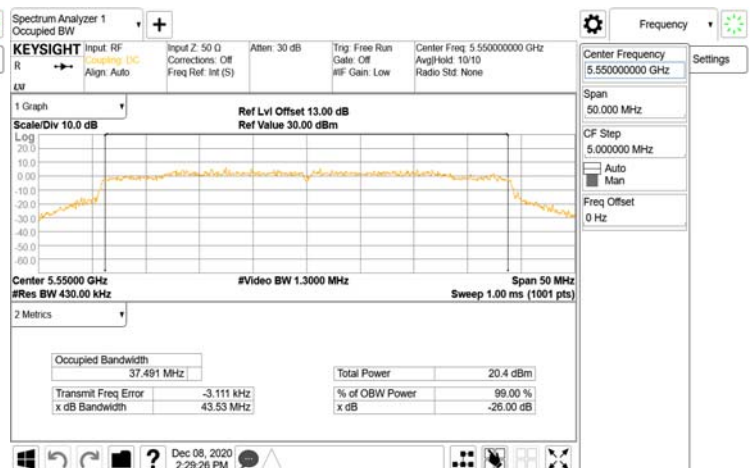
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FCC_802.11ax_40MHz_Chain0_5270MHz



FCC_802.11ax_40MHz_Chain0_5550MHz



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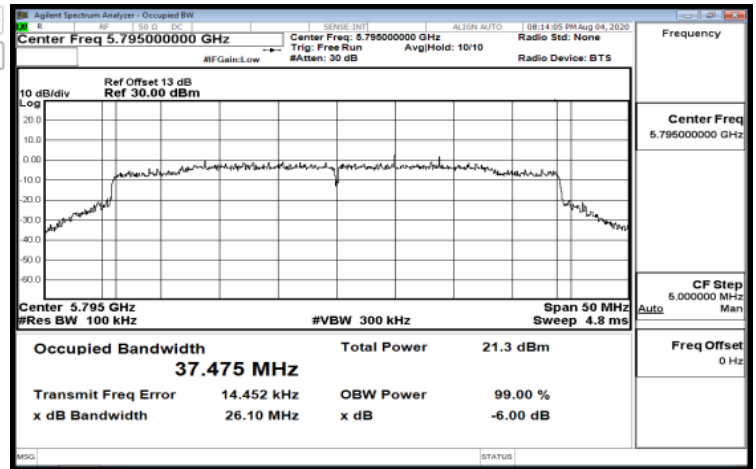
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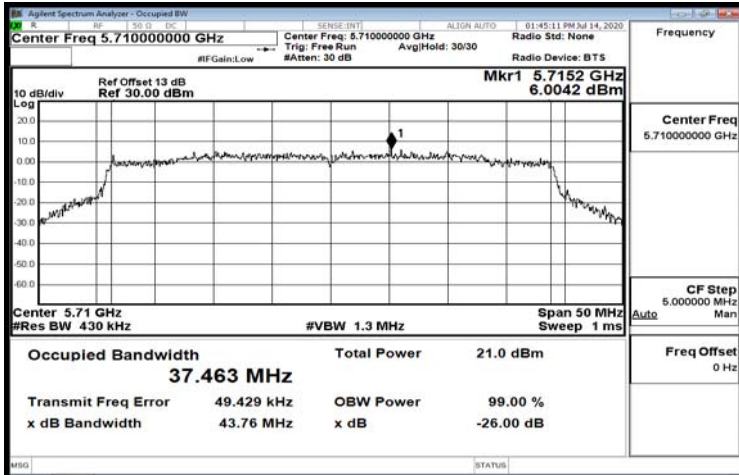
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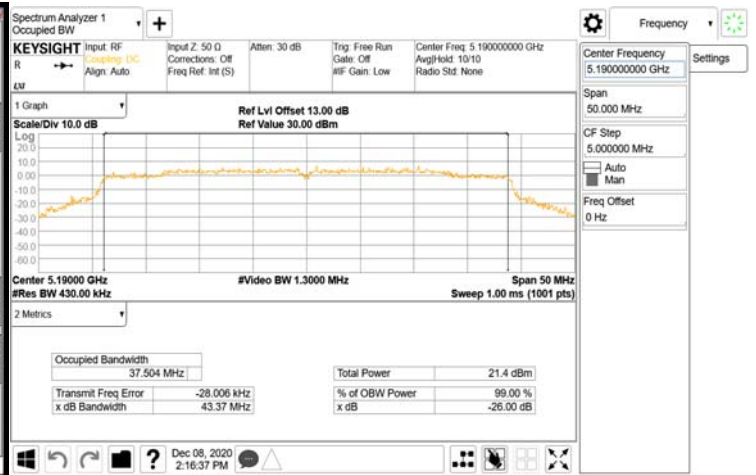
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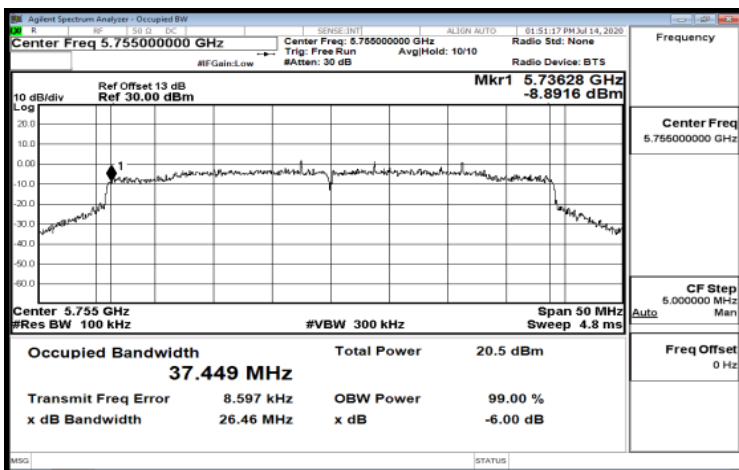
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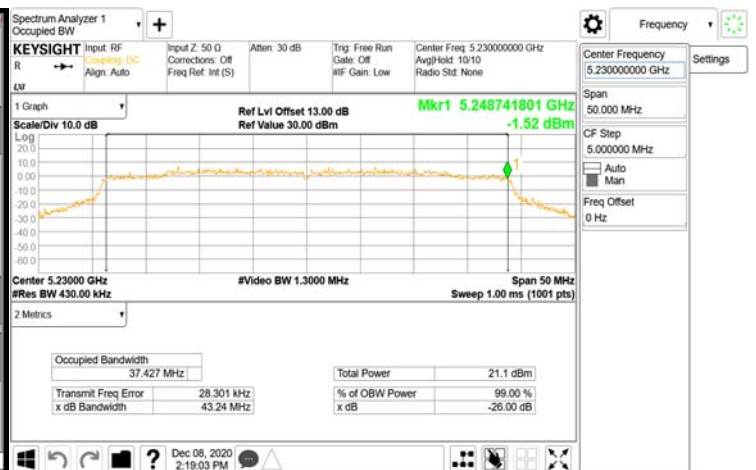
FCC_802.11ax_40MHz_Chain1_5190MHz



FCC_802.11ax_40MHz_Chain0_5755MHz



FCC_802.11ax_40MHz_Chain1_5230MHz



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FCC_802.11ax_40MHz_Chain1_5270MHz



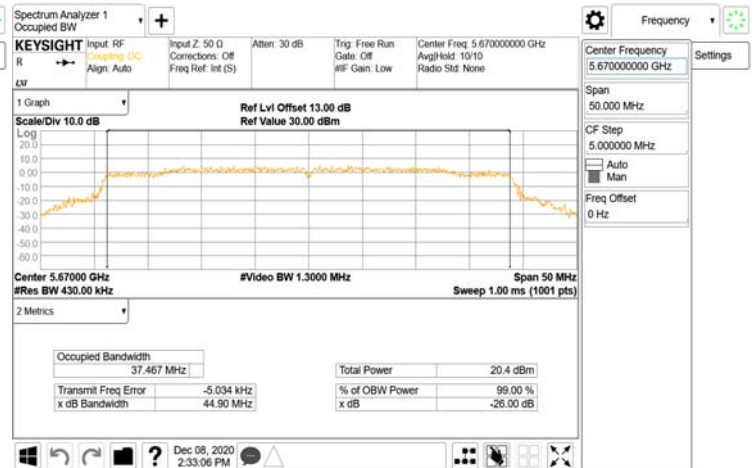
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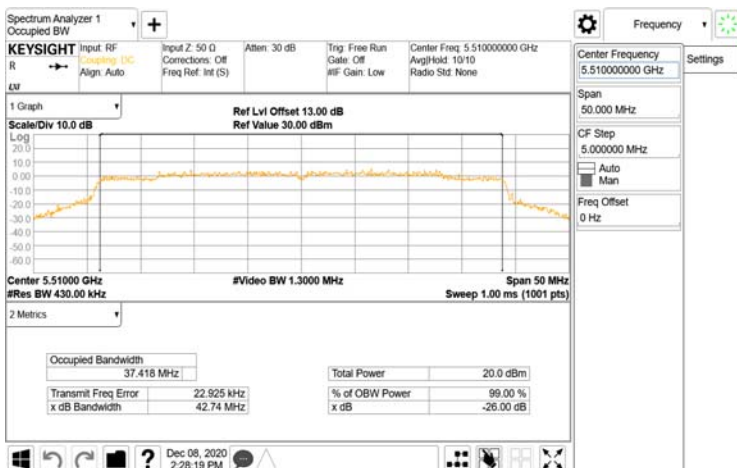
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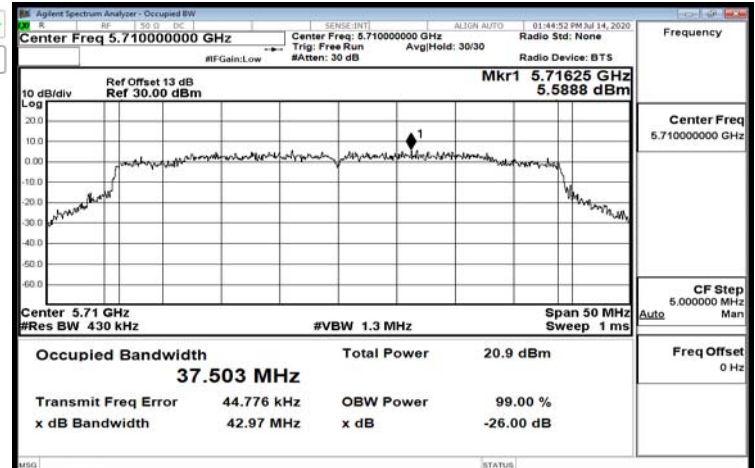
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FCC_802.11ax_40MHz_Chain1_5710MHz

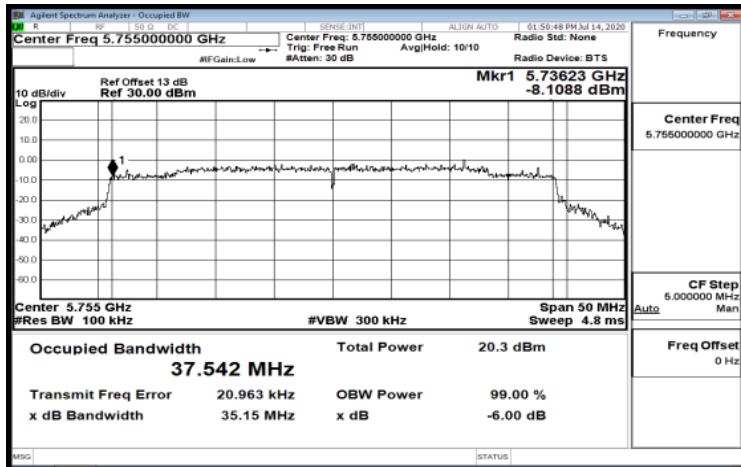


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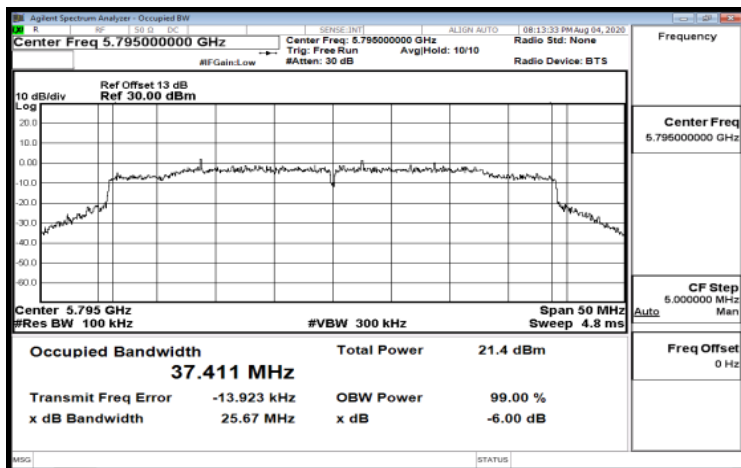
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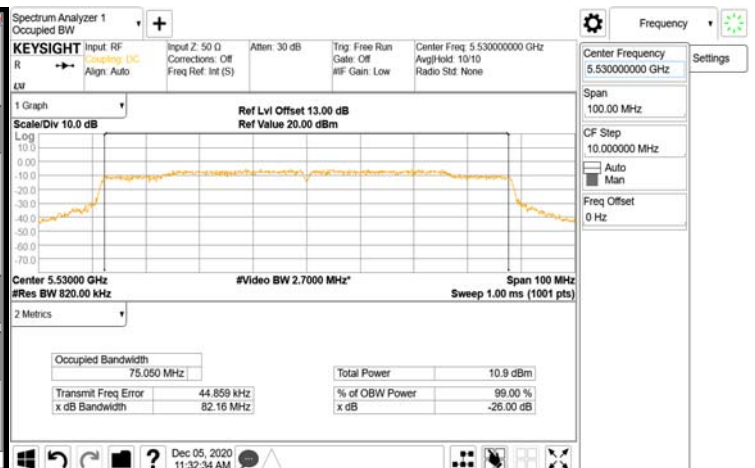
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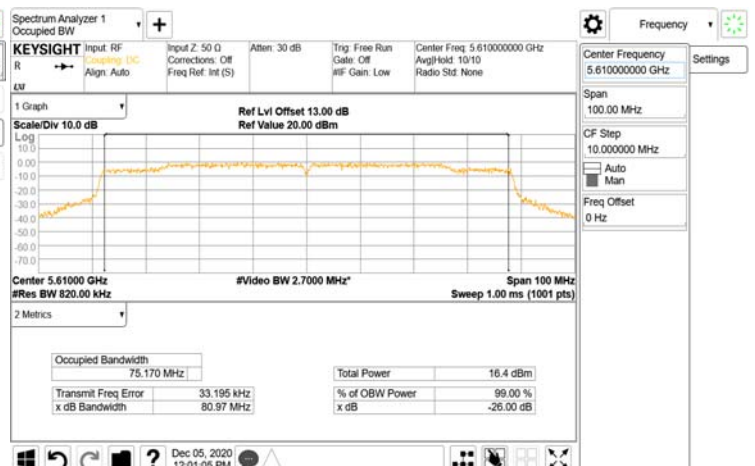
FCC_802.11ac_80MHz_Chain0_5530MHz



FCC_802.11ac_80MHz_Chain0_5210MHz



FCC_802.11ac_80MHz_Chain0_5610MHz



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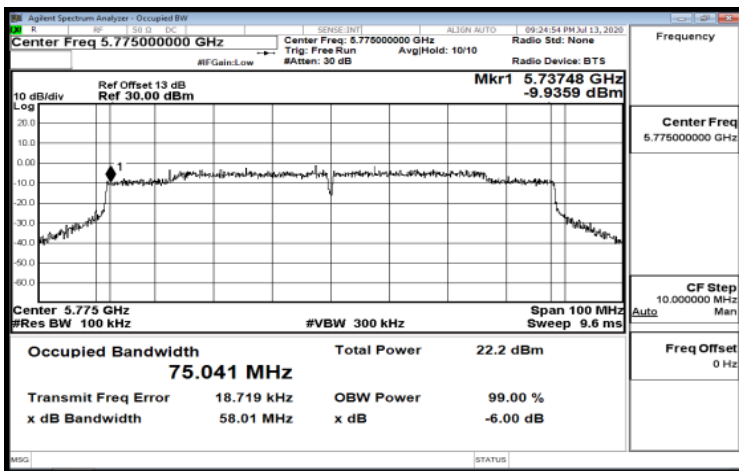
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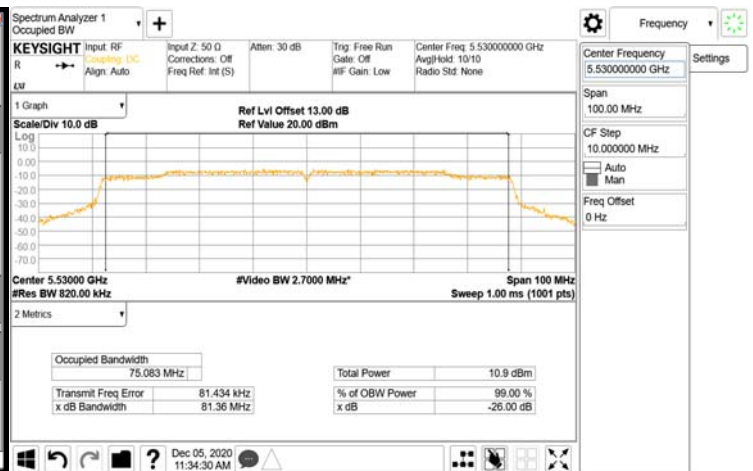
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FCC_802.11ac_80MHz_Chain0_5775MHz



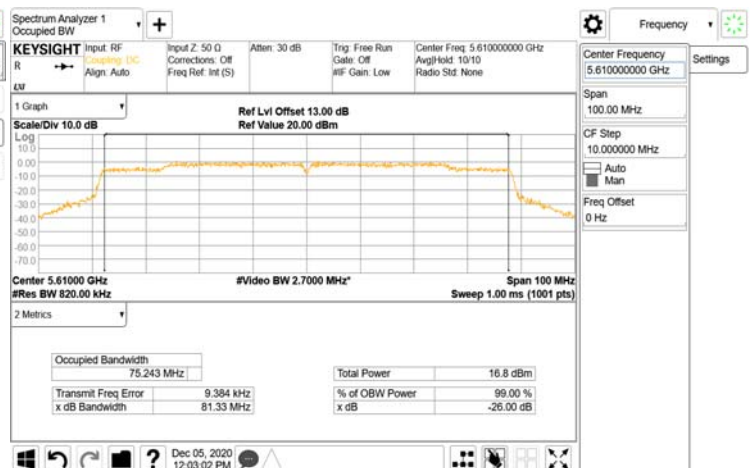
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FCC_802.11ac_80MHz_Chain1_5610MHz

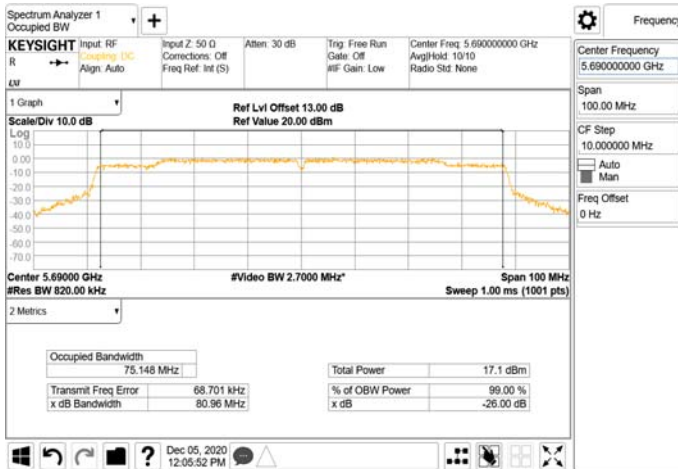


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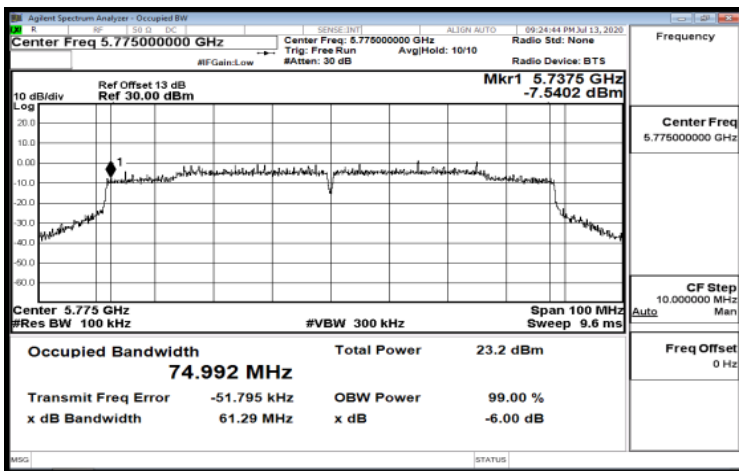
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FCC_802.11ac_80MHz_Chain1_5775MHz



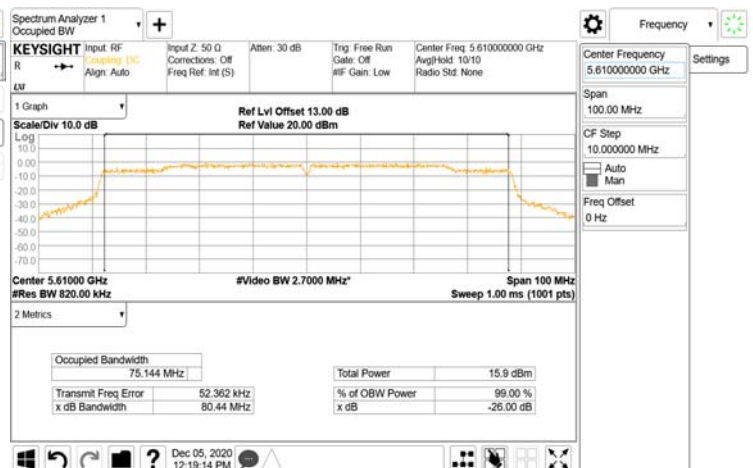
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FCC_802.11ax_80MHz_Chain0_5210MHz



FCC_802.11ax_80MHz_Chain0_5610MHz

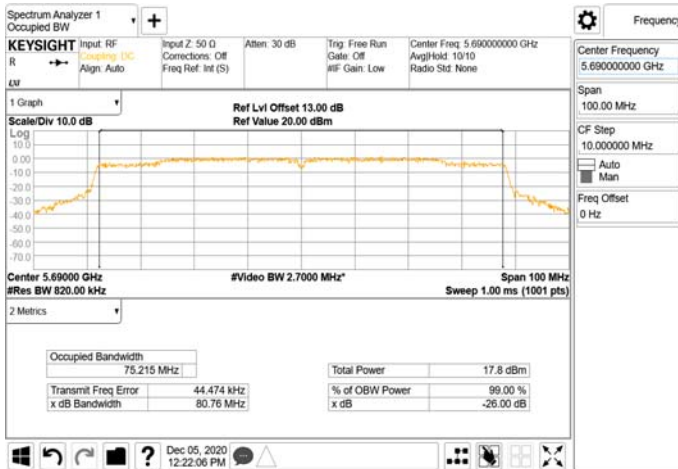


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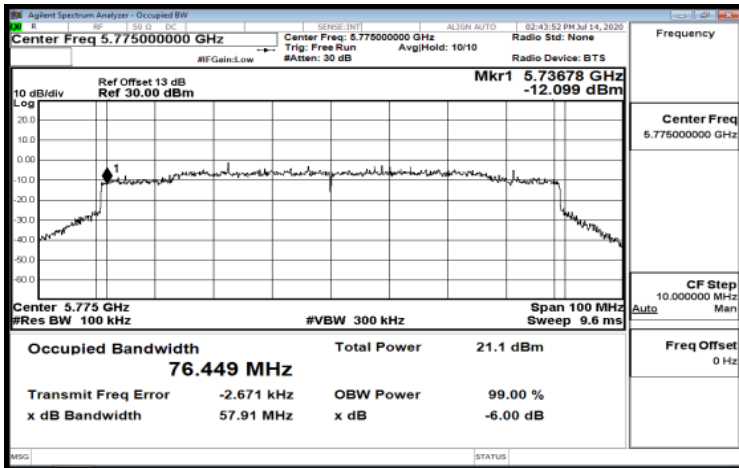
FCC_802.11ax_80MHz_Chain0_5690MHz



FCC_802.11ax_80MHz_Chain1_5290MHz



FCC_802.11ax_80MHz_Chain0_5775MHz



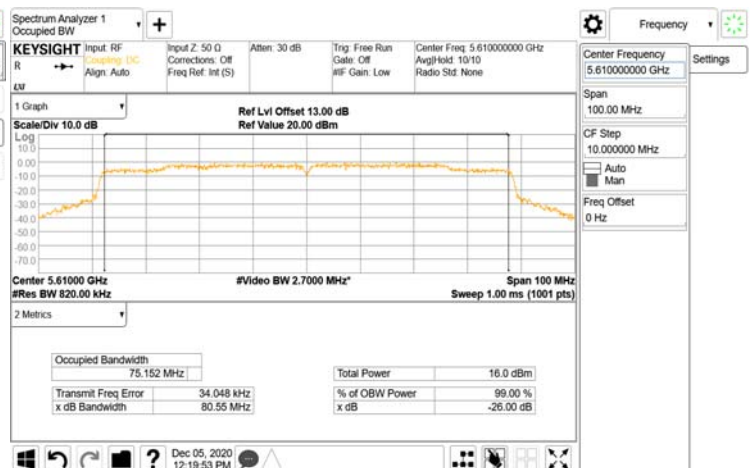
FCC_802.11ax_80MHz_Chain1_5530MHz



FCC_802.11ax_80MHz_Chain1_5210MHz



FCC_802.11ax_80MHz_Chain1_5610MHz



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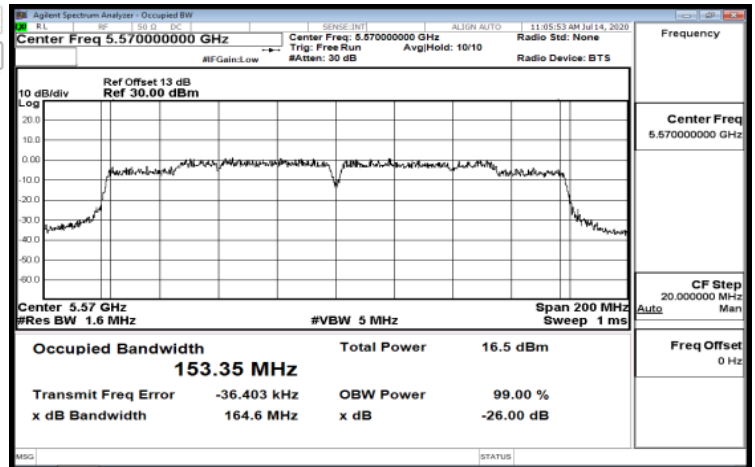
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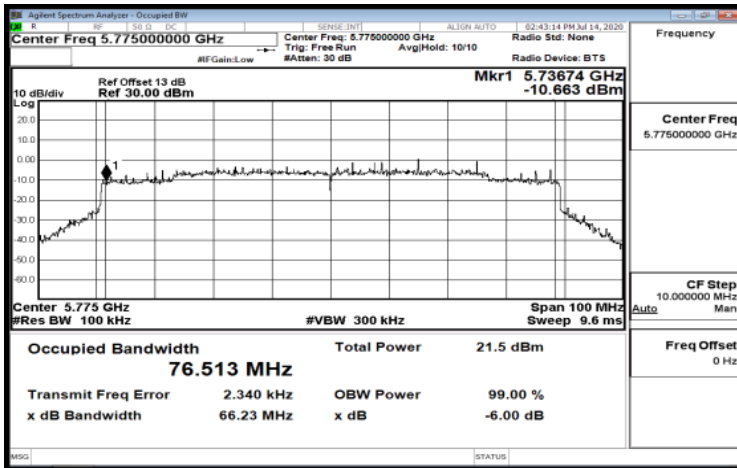
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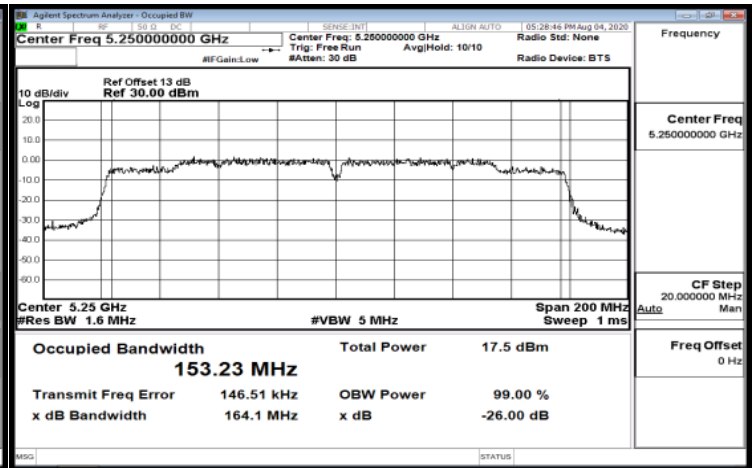
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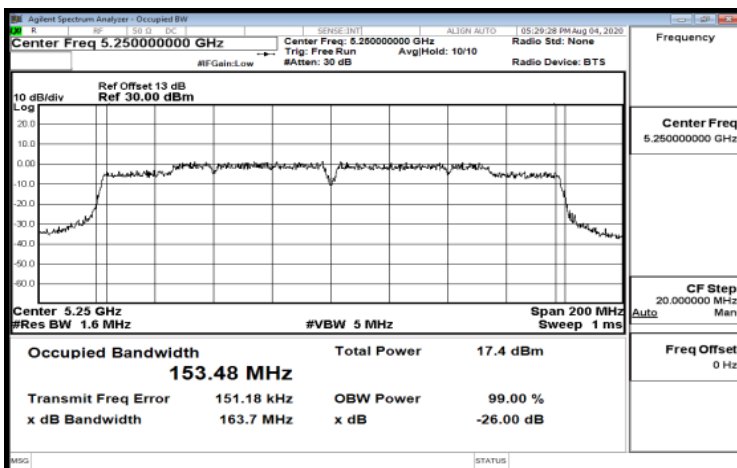
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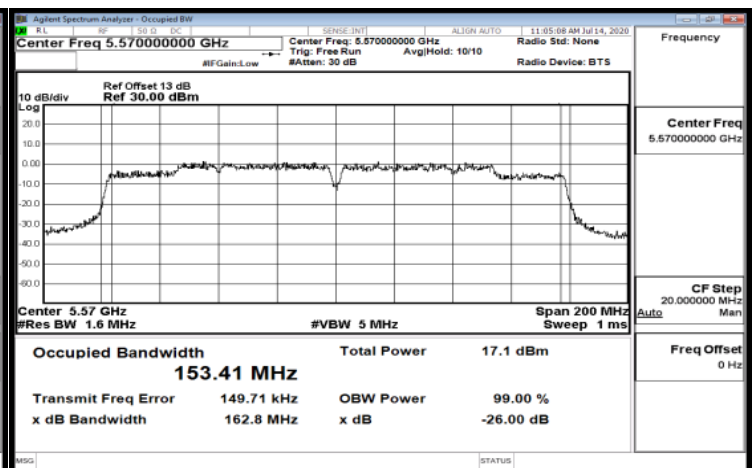
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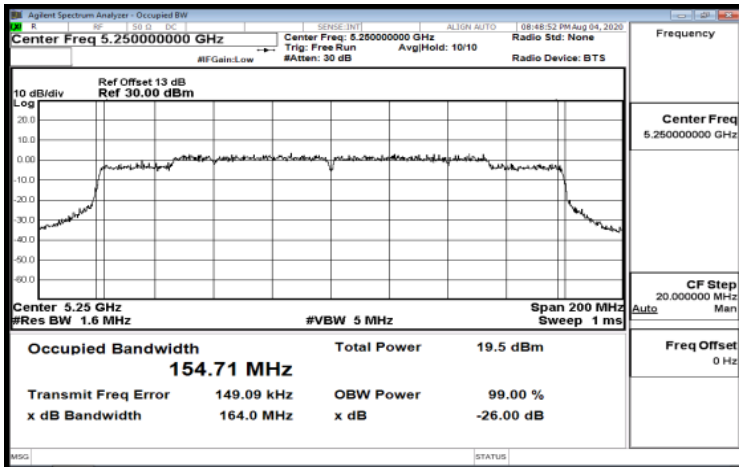


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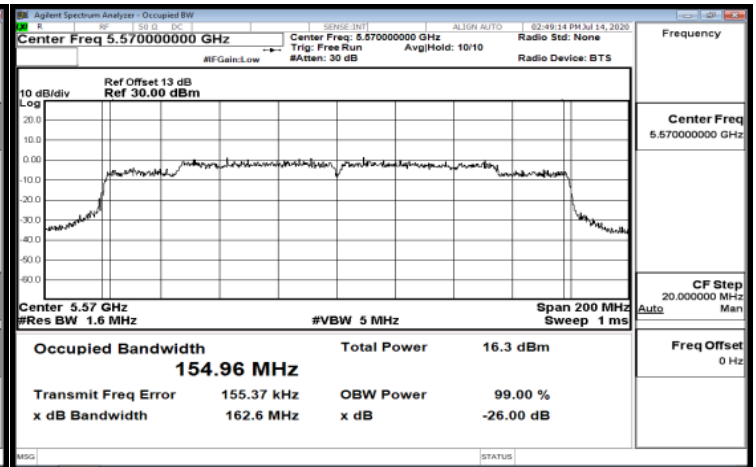
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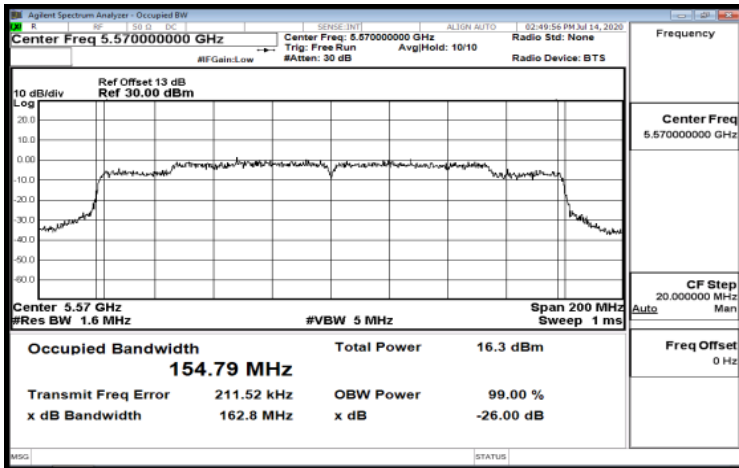
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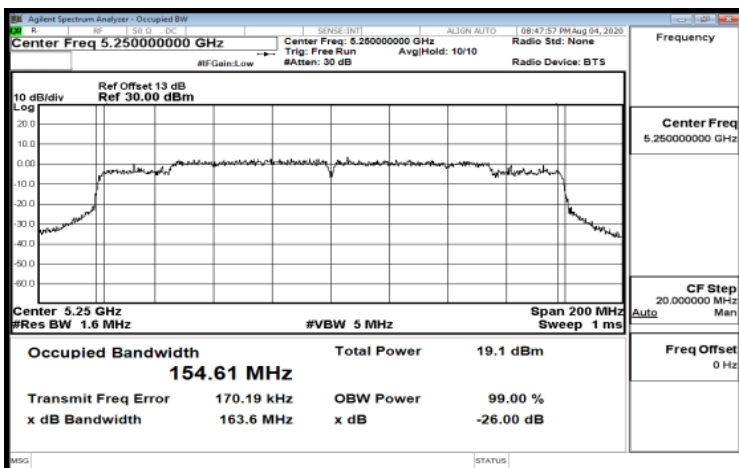
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9 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

9.1 Standard Applicable

FCC

| OPERZTION Band | EUT CATEGORY | | LIMIT |
|--|--------------|-----------------------------------|-----------------------------------|
| U-NII-1 | | Access Point (Master device) | 1 Watt(30dBm) |
| | | Fixed point-to-point Access Ponit | 1 Watt(30dBm) |
| | √ | Mobile and portable client device | 250mW(23.98dBm) |
| U-NII-2A | √ | | 250mW(23.98dBm) or 11dBm+10 log B |
| U-NII-2C | √ | | 250mW(23.98dBm) or 11dBm+10 log B |
| U-NII-3 | √ | | 1 Watt(30dBm) |
| If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna exceeds 6 dBi. | | | |

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Note:

As per section F. 2). d). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

(ii) If all transmit signals are *completely uncorrelated*, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

where

N_{ANT} = the total number of antennas

G is the gain in dBi.

The antenna gain is greater than 6 dBi, therefore the limit needs to be reduced as below:

FCC Power Limit Reduction (Chain 0)

| | Antenna Gain (dBi) | Conducted Power Limit (dBm) |
|-----------------|--------------------|-----------------------------|
| U-NII-2C | 6.10 | 23.88 |
| U-NII-3 | 6.70 | 29.30 |

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9.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add $10 \log(1/\text{duty cycle})$.
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.

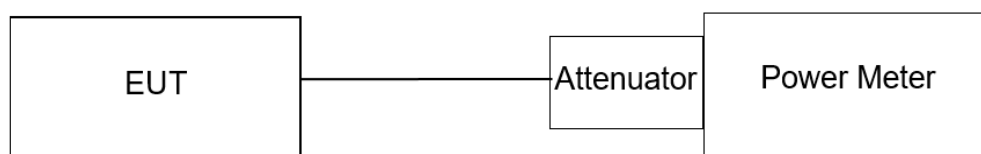
9.3 Measurement Equipment Used

| SGS Conducted Room | | | | | |
|--------------------|--------------|----------------|---------------|------------------|-----------------|
| Name of Equipment | Manufacturer | Model | Serial Number | Calibration Date | Calibration Due |
| Power Meter | Anritsu | ML2496A | 1804002 | 04/06/2020 | 04/05/2021 |
| Power Sensor | Anritsu | MA2411B | 1726105 | 04/06/2020 | 04/05/2021 |
| Power Sensor | Anritsu | MA2411B | 1726106 | 04/06/2020 | 04/05/2021 |
| Attenuator | Marvelous | WATT-218FS-10 | RF268 | 11/20/2019 | 11/19/2020 |
| I Pex4 Cables | Woken | 00100A1H646027 | RF508 | 06/01/2020 | 05/31/2021 |

Note: The measurement was taken place with the long duration of the time, and additional equipment list as shown blow indicate those equipment of which has been subject to undertake the calibration in intermediate period of time of the measurement.

| Conducted Emission Test Site | | | | | |
|------------------------------|-----------|---------------|---------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Attenuator | Marvelous | WATT-218FS-10 | RF19 | 11/19/2020 | 11/18/2021 |

9.4 Test Set-up



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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9.5 Measurement Result

9.5.1 Conducted output power (FCC)

Mode: Chain 0

802.11a_Ch0

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|---------------------------------|--------|
| 36 | 5180 | 6 | 16.98 | 49.917 | 23.98 | PASS |
| 44 | 5220 | 6 | 16.97 | 49.803 | 23.98 | PASS |
| 48 | 5240 | 6 | 16.96 | 49.688 | 23.98 | PASS |
| 52 | 5260 | 6 | 16.96 | 49.688 | 23.98 or $11+10\log(B) = 24.50$ | PASS |
| 60 | 5300 | 6 | 16.96 | 49.688 | 23.98 or $11+10\log(B) = 24.59$ | PASS |
| 64 | 5320 | 6 | 13.96 | 24.903 | 23.98 or $11+10\log(B) = 24.63$ | PASS |
| 100 | 5500 | 6 | 16.96 | 49.688 | 23.88 or $11+10\log(B) = 24.63$ | PASS |
| 116 | 5580 | 6 | 16.95 | 49.574 | 23.88 or $11+10\log(B) = 24.54$ | PASS |
| 140 | 5700 | 6 | 16.95 | 49.574 | 23.88 or $11+10\log(B) = 24.51$ | PASS |
| 144 | 5720(U-NII 2C) | 6 | 15.50 | 35.51 | 23.88 or $11+10\log(B) = 24.71$ | PASS |
| 144 | 5720 (U-NII 3) | 6 | 11.55 | 14.30 | 29.3 | PASS |
| 149 | 5745 | 6 | 16.40 | 43.677 | 29.3 | PASS |
| 157 | 5785 | 6 | 16.37 | 43.376 | 29.3 | PASS |
| 165 | 5825 | 6 | 16.23 | 42.000 | 29.3 | PASS |

802.11n_HT20_Ch0

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|---------------------------------|--------|
| 36 | 5180 | HT0 | 16.96 | 49.679 | 23.98 | PASS |
| 44 | 5220 | HT0 | 16.97 | 49.793 | 23.98 | PASS |
| 48 | 5240 | HT0 | 16.95 | 49.564 | 23.98 | PASS |
| 52 | 5260 | HT0 | 16.96 | 49.679 | 23.98 or $11+10\log(B) = 24.51$ | PASS |
| 60 | 5300 | HT0 | 16.94 | 49.450 | 23.98 or $11+10\log(B) = 24.57$ | PASS |
| 64 | 5320 | HT0 | 16.97 | 49.793 | 23.98 or $11+10\log(B) = 24.63$ | PASS |
| 100 | 5500 | HT0 | 16.90 | 48.997 | 23.88 or $11+10\log(B) = 24.70$ | PASS |
| 116 | 5580 | HT0 | 16.98 | 49.908 | 23.88 or $11+10\log(B) = 24.93$ | PASS |
| 140 | 5700 | HT0 | 16.87 | 48.660 | 23.88 or $11+10\log(B) = 24.45$ | PASS |
| 144 | 5720(U-NII 2C) | HT0 | 15.44 | 34.97 | 23.88 or $11+10\log(B) = 24.53$ | PASS |
| 144 | 5720 (U-NII 3) | HT0 | 11.29 | 13.46 | 29.3 | PASS |
| 149 | 5745 | HT0 | 16.22 | 41.896 | 29.3 | PASS |
| 157 | 5785 | HT0 | 16.29 | 42.577 | 29.3 | PASS |
| 165 | 5825 | HT0 | 16.38 | 43.468 | 29.3 | PASS |

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802.11n_HT40_Ch0

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|---------------------------------|--------|
| 38 | 5190 | HT0 | 15.98 | 39.657 | 23.98 | PASS |
| 46 | 5230 | HT0 | 16.96 | 49.696 | 23.98 | PASS |
| 54 | 5270 | HT0 | 16.97 | 49.811 | 23.98 or $11+10\log(B) = 27.15$ | PASS |
| 62 | 5310 | HT0 | 15.22 | 33.291 | 23.98 or $11+10\log(B) = 27.37$ | PASS |
| 102 | 5510 | HT0 | 15.23 | 33.368 | 23.88 or $11+10\log(B) = 27.20$ | PASS |
| 110 | 5550 | HT0 | 16.94 | 49.468 | 23.88 or $11+10\log(B) = 27.25$ | PASS |
| 134 | 5670 | HT0 | 16.95 | 49.582 | 23.88 or $11+10\log(B) = 27.26$ | PASS |
| 142 | 5710(U-NII 2C) | HT0 | 16.31 | 42.78 | 23.88 or $11+10\log(B) = 27.24$ | PASS |
| 142 | 5710 (U-NII 3) | HT0 | 8.54 | 7.14 | 29.3 | PASS |
| 151 | 5755 | HT0 | 16.36 | 43.284 | 29.3 | PASS |
| 159 | 5795 | HT0 | 16.33 | 42.986 | 29.3 | PASS |

802.11ax_20_Ch0

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|---------------------------------|--------|
| 36 | 5180 | full | MCS0 | 16.94 | 49.455 | 23.98 | PASS |
| | | 26/0 | MCS0 | 12.97 | 19.825 | 23.98 | PASS |
| | | 52/37 | MCS0 | 14.98 | 31.493 | 23.98 | PASS |
| | | 106/53 | MCS0 | 16.98 | 49.913 | 23.98 | PASS |
| 44 | 5220 | full | MCS0 | 16.96 | 49.684 | 23.98 | PASS |
| 48 | 5240 | full | MCS0 | 16.94 | 49.455 | 23.98 | PASS |
| 52 | 5260 | full | MCS0 | 16.98 | 49.913 | 23.98 or $11+10\log(B) = 24.68$ | PASS |
| 60 | 5300 | full | MCS0 | 16.97 | 49.798 | 23.98 or $11+10\log(B) = 24.36$ | PASS |
| 64 | 5320 | full | MCS0 | 16.23 | 41.996 | 23.98 or $11+10\log(B) = 24.64$ | PASS |
| | | 26/8 | MCS0 | 12.98 | 19.871 | 23.98 or $11+10\log(B) = 24.64$ | PASS |
| | | 52/40 | MCS0 | 14.98 | 31.493 | 23.98 or $11+10\log(B) = 24.64$ | PASS |
| | | 106/54 | MCS0 | 15.48 | 35.336 | 23.98 or $11+10\log(B) = 24.64$ | PASS |
| 100 | 5500 | full | MCS0 | 16.96 | 49.684 | 23.88 or $11+10\log(B) = 24.50$ | PASS |
| | | 26/0 | MCS0 | 11.73 | 14.901 | 23.88 or $11+10\log(B) = 24.50$ | PASS |
| | | 52/37 | MCS0 | 14.23 | 26.498 | 23.88 or $11+10\log(B) = 24.50$ | PASS |
| | | 106/53 | MCS0 | 16.98 | 49.913 | 23.88 or $11+10\log(B) = 24.50$ | PASS |
| 116 | 5580 | full | MCS0 | 16.98 | 49.913 | 23.88 or $11+10\log(B) = 24.51$ | PASS |
| 140 | 5700 | full | MCS0 | 15.93 | 39.193 | 23.88 or $11+10\log(B) = 24.38$ | PASS |
| | | 26/8 | MCS0 | 11.48 | 14.067 | 23.88 or $11+10\log(B) = 24.38$ | PASS |
| | | 52/40 | MCS0 | 14.23 | 26.498 | 23.88 or $11+10\log(B) = 24.38$ | PASS |
| | | 106/54 | MCS0 | 16.96 | 49.684 | 23.88 or $11+10\log(B) = 24.38$ | PASS |
| 144 | 5720(U-NII 2C) | full | MCS0 | 15.18 | 32.96 | 23.88 or $11+10\log(B) = 24.52$ | PASS |
| 144 | 5720 (U-NII 3) | full | MCS0 | 11.03 | 12.67 | 29.3 | PASS |
| 149 | 5745 | full | MCS0 | 16.13 | 41.041 | 29.3 | PASS |
| | | 26/0 | MCS0 | 16.25 | 42.190 | 29.3 | PASS |
| | | 52/37 | MCS0 | 16.26 | 42.288 | 29.3 | PASS |
| | | 106/53 | MCS0 | 16.39 | 43.573 | 29.3 | PASS |
| 157 | 5785 | full | MCS0 | 16.43 | 43.976 | 29.3 | PASS |
| 165 | 5825 | full | MCS0 | 16.39 | 43.573 | 29.3 | PASS |

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802.11ax_40_Ch0

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|---------------------------------|--------|
| 38 | 5190 | full | MCS0 | 15.46 | 35.172 | 23.98 | PASS |
| | | 242/61 | MCS0 | 16.47 | 44.382 | 23.98 | PASS |
| 46 | 5230 | full | MCS0 | 16.98 | 49.912 | 23.98 | PASS |
| 54 | 5270 | full | MCS0 | 16.98 | 49.912 | 23.98 or $11+10\log(B) = 27.20$ | PASS |
| 62 | 5310 | full | MCS0 | 15.45 | 35.092 | 23.98 or $11+10\log(B) = 27.15$ | PASS |
| | | 242/62 | MCS0 | 16.98 | 49.912 | 23.98 or $11+10\log(B) = 27.15$ | PASS |
| 102 | 5510 | full | MCS0 | 15.22 | 33.282 | 23.88 or $11+10\log(B) = 27.18$ | PASS |
| | | 242/61 | MCS0 | 16.47 | 44.382 | 23.88 or $11+10\log(B) = 27.18$ | PASS |
| 110 | 5550 | full | MCS0 | 16.98 | 49.912 | 23.88 or $11+10\log(B) = 27.14$ | PASS |
| 134 | 5670 | full | MCS0 | 16.48 | 44.484 | 23.88 or $11+10\log(B) = 27.10$ | PASS |
| | | 242/62 | MCS0 | 16.98 | 49.912 | 23.88 or $11+10\log(B) = 27.10$ | PASS |
| 142 | 5710(U-NII 2C) | full | MCS0 | 15.86 | 38.57 | 23.88 or $11+10\log(B) = 27.09$ | PASS |
| 142 | 5710 (U-NII 3) | full | MCS0 | 7.64 | 5.81 | 29.3 | PASS |
| 151 | 5755 | full | MCS0 | 16.27 | 42.384 | 29.3 | PASS |
| | | 242/61 | MCS0 | 16.35 | 43.172 | 29.3 | PASS |
| 159 | 5795 | full | MCS0 | 16.40 | 43.672 | 29.3 | PASS |

802.11ac_VHT80_Ch0

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|---------------------------------|--------|
| 42 | 5210 | VHT0 | 15.21 | 33.153 | 23.98 | PASS |
| 58 | 5290 | VHT0 | 12.98 | 19.839 | 23.98 or $11+10\log(B) = 30.11$ | PASS |
| 106 | 5530 | VHT0 | 16.95 | 49.491 | 23.88 or $11+10\log(B) = 30.09$ | PASS |
| 122 | 5610 | VHT0 | 16.98 | 49.834 | 23.88 or $11+10\log(B) = 30.04$ | PASS |
| 138 | 5690(U-NII 2C) | VHT0 | 16.62 | 45.89 | 23.88 or $11+10\log(B) = 30.18$ | PASS |
| 138 | 5690 (U-NII 3) | VHT0 | 5.83 | 3.83 | 29.3 | PASS |
| 155 | 5775 | VHT0 | 16.37 | 43.303 | 29.3 | PASS |

802.11ax_80_Ch0

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|---------------------------------|--------|
| 42 | 5210 | full | MCS0 | 14.96 | 31.343 | 23.98 | PASS |
| | | 484/65 | MCS0 | 14.98 | 31.488 | 23.98 | PASS |
| 58 | 5290 | full | MCS0 | 14.97 | 31.415 | 23.98 or $11+10\log(B) = 30.08$ | PASS |
| | | 484/66 | MCS0 | 16.98 | 49.904 | 23.98 or $11+10\log(B) = 30.08$ | PASS |
| 106 | 5530 | full | MCS0 | 14.47 | 27.999 | 23.88 or $11+10\log(B) = 30.04$ | PASS |
| | | 484/65 | MCS0 | 15.47 | 35.248 | 23.88 or $11+10\log(B) = 30.04$ | PASS |
| 122 | 5610 | full | MCS0 | 16.97 | 49.790 | 23.88 or $11+10\log(B) = 30.07$ | PASS |
| 138 | 5690(U-NII 2C) | full | MCS0 | 16.31 | 42.76 | 23.88 or $11+10\log(B) = 30.12$ | PASS |
| 138 | 5690 (U-NII 3) | full | MCS0 | 5.16 | 3.28 | 29.3 | PASS |
| 155 | 5775 | full | MCS0 | 16.40 | 43.666 | 29.3 | PASS |
| | | 484/66 | MCS0 | 16.45 | 44.171 | 29.3 | PASS |

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802.11ac_VHT160_Ch0

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|------------------------------|--------|
| 50 | 5250 | VHT0 | 9.98 | 9.950 | 23.98 or 11+10log(B) = 33.12 | PASS |
| 114 | 5570 | VHT0 | 10.94 | 12.411 | 23.88 or 11+10log(B) = 33.10 | PASS |

802.11ax_160_Ch0

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|------------------------------|--------|
| 50 | 5250 | full | MCS0 | 10.21 | 10.506 | 23.98 or 11+10log(B) = 33.12 | PASS |
| | | 996/67 | MCS0 | 10.98 | 12.544 | 23.98 or 11+10log(B) = 33.12 | PASS |
| | | 996/s67 | MCS0 | 10.95 | 12.457 | 23.98 or 11+10log(B) = 33.12 | PASS |
| 114 | 5570 | full | MCS0 | 11.72 | 14.874 | 23.88 or 11+10log(B) = 33.17 | PASS |
| | | 996/67 | MCS0 | 8.98 | 7.914 | 23.88 or 11+10log(B) = 33.17 | PASS |
| | | 996/s67 | MCS0 | 8.91 | 7.788 | 23.88 or 11+10log(B) = 33.17 | PASS |

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Mode: Chain 1

802.11a_Ch1

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|------------------------------|--------|
| 36 | 5180 | 6 | 15.95 | 39.378 | 23.98 | PASS |
| 44 | 5220 | 6 | 15.92 | 39.107 | 23.98 | PASS |
| 48 | 5240 | 6 | 15.93 | 39.197 | 23.98 | PASS |
| 52 | 5260 | 6 | 14.92 | 31.064 | 23.98 or 11+10log(B) = 24.50 | PASS |
| 60 | 5300 | 6 | 14.91 | 30.992 | 23.98 or 11+10log(B) = 24.59 | PASS |
| 64 | 5320 | 6 | 14.91 | 30.992 | 23.98 or 11+10log(B) = 24.57 | PASS |
| 100 | 5500 | 6 | 15.92 | 39.107 | 23.98 or 11+10log(B) = 24.53 | PASS |
| 116 | 5580 | 6 | 15.90 | 38.927 | 23.98 or 11+10log(B) = 24.59 | PASS |
| 140 | 5700 | 6 | 15.94 | 39.287 | 23.98 or 11+10log(B) = 24.56 | PASS |
| 144 | 5720(U-NII 2C) | 6 | 14.57 | 28.67 | 23.98 or 11+10log(B) = 24.35 | PASS |
| 144 | 5720 (U-NII 3) | 6 | 10.22 | 10.53 | 30 | PASS |
| 149 | 5745 | 6 | 16.90 | 49.006 | 30 | PASS |
| 157 | 5785 | 6 | 16.92 | 49.232 | 30 | PASS |
| 165 | 5825 | 6 | 16.87 | 48.669 | 30 | PASS |

802.11n_HT20_Ch1

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|------------------------------|--------|
| 36 | 5180 | HT0 | 15.98 | 39.643 | 23.98 | PASS |
| 44 | 5220 | HT0 | 15.96 | 39.461 | 23.98 | PASS |
| 48 | 5240 | HT0 | 15.97 | 39.552 | 23.98 | PASS |
| 52 | 5260 | HT0 | 14.93 | 31.129 | 23.98 or 11+10log(B) = 24.76 | PASS |
| 60 | 5300 | HT0 | 14.95 | 31.273 | 23.98 or 11+10log(B) = 24.66 | PASS |
| 64 | 5320 | HT0 | 14.94 | 31.201 | 23.98 or 11+10log(B) = 24.58 | PASS |
| 100 | 5500 | HT0 | 15.96 | 39.461 | 23.98 or 11+10log(B) = 24.48 | PASS |
| 116 | 5580 | HT0 | 15.95 | 39.370 | 23.98 or 11+10log(B) = 24.62 | PASS |
| 140 | 5700 | HT0 | 15.93 | 39.190 | 23.98 or 11+10log(B) = 24.63 | PASS |
| 144 | 5720(U-NII 2C) | HT0 | 14.53 | 28.38 | 23.98 or 11+10log(B) = 24.55 | PASS |
| 144 | 5720 (U-NII 3) | HT0 | 10.41 | 10.99 | 30 | PASS |
| 149 | 5745 | HT0 | 16.85 | 48.436 | 30 | PASS |
| 157 | 5785 | HT0 | 16.77 | 47.552 | 30 | PASS |
| 165 | 5825 | HT0 | 16.90 | 48.997 | 30 | PASS |

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802.11n_HT40_Ch1

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|------------------------------|--------|
| 38 | 5190 | HT0 | 14.89 | 30.855 | 23.98 | PASS |
| 46 | 5230 | HT0 | 15.93 | 39.203 | 23.98 | PASS |
| 54 | 5270 | HT0 | 14.94 | 31.212 | 23.98 or 11+10log(B) = 27.18 | PASS |
| 62 | 5310 | HT0 | 14.94 | 31.212 | 23.98 or 11+10log(B) = 27.20 | PASS |
| 102 | 5510 | HT0 | 15.91 | 39.023 | 23.98 or 11+10log(B) = 27.10 | PASS |
| 110 | 5550 | HT0 | 15.96 | 39.475 | 23.98 or 11+10log(B) = 27.33 | PASS |
| 134 | 5670 | HT0 | 15.95 | 39.384 | 23.98 or 11+10log(B) = 27.22 | PASS |
| 142 | 5710(U-NII 2C) | HT0 | 15.28 | 33.71 | 23.98 or 11+10log(B) = 27.22 | PASS |
| 142 | 5710 (U-NII 3) | HT0 | 7.47 | 5.58 | 30 | PASS |
| 151 | 5755 | HT0 | 16.89 | 48.902 | 30 | PASS |
| 159 | 5795 | HT0 | 16.76 | 47.460 | 30 | PASS |

802.11ax_20_Ch1

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|------------------------------|--------|
| 36 | 5180 | full | MCS0 | 15.98 | 39.647 | 23.98 | PASS |
| | | 26/0 | MCS0 | 12.87 | 19.374 | 23.98 | PASS |
| | | 52/37 | MCS0 | 14.84 | 30.494 | 23.98 | PASS |
| | | 106/53 | MCS0 | 15.96 | 39.465 | 23.98 | PASS |
| 44 | 5220 | full | MCS0 | 15.97 | 39.556 | 23.98 | PASS |
| 48 | 5240 | full | MCS0 | 15.96 | 39.465 | 23.98 | PASS |
| 52 | 5260 | full | MCS0 | 14.98 | 31.493 | 23.98 or 11+10log(B) = 24.36 | PASS |
| 60 | 5300 | full | MCS0 | 14.97 | 31.420 | 23.98 or 11+10log(B) = 24.36 | PASS |
| 64 | 5320 | full | MCS0 | 14.95 | 31.276 | 23.98 or 11+10log(B) = 24.45 | PASS |
| | | 26/8 | MCS0 | 12.89 | 19.463 | 23.98 or 11+10log(B) = 24.45 | PASS |
| | | 52/40 | MCS0 | 14.86 | 30.635 | 23.98 or 11+10log(B) = 24.45 | PASS |
| | | 106/54 | MCS0 | 14.95 | 31.276 | 23.98 or 11+10log(B) = 24.45 | PASS |
| 100 | 5500 | full | MCS0 | 15.98 | 39.647 | 23.98 or 11+10log(B) = 24.36 | PASS |
| | | 26/0 | MCS0 | 12.42 | 17.467 | 23.98 or 11+10log(B) = 24.36 | PASS |
| | | 52/37 | MCS0 | 14.94 | 31.204 | 23.98 or 11+10log(B) = 24.36 | PASS |
| | | 106/53 | MCS0 | 15.96 | 39.465 | 23.98 or 11+10log(B) = 24.36 | PASS |
| 116 | 5580 | full | MCS0 | 15.98 | 39.647 | 23.98 or 11+10log(B) = 24.46 | PASS |
| 140 | 5700 | full | MCS0 | 15.88 | 38.745 | 23.98 or 11+10log(B) = 24.33 | PASS |
| | | 26/8 | MCS0 | 12.48 | 17.710 | 23.98 or 11+10log(B) = 24.33 | PASS |
| | | 52/40 | MCS0 | 14.94 | 31.204 | 23.98 or 11+10log(B) = 24.33 | PASS |
| | | 106/54 | MCS0 | 15.94 | 39.284 | 23.98 or 11+10log(B) = 24.33 | PASS |
| 144 | 5720(U-NII 2C) | full | MCS0 | 14.46 | 27.93 | 23.98 or 11+10log(B) = 24.48 | PASS |
| 144 | 5720 (U-NII 3) | full | MCS0 | 10.27 | 10.63 | 30 | PASS |
| 149 | 5745 | full | MCS0 | 16.90 | 49.002 | 30 | PASS |
| | | 26/0 | MCS0 | 13.97 | 24.958 | 30 | PASS |
| | | 52/37 | MCS0 | 16.96 | 49.684 | 30 | PASS |
| | | 106/53 | MCS0 | 16.89 | 48.889 | 30 | PASS |
| 157 | 5785 | full | MCS0 | 16.85 | 48.441 | 30 | PASS |
| 165 | 5825 | full | MCS0 | 16.93 | 49.342 | 30 | PASS |

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802.11ax 40_Ch1

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|------------------------------|--------|
| 38 | 5190 | full | MCS0 | 15.91 | 39.012 | 23.98 | PASS |
| | | 242/61 | MCS0 | 15.98 | 39.646 | 23.98 | PASS |
| 46 | 5230 | full | MCS0 | 15.93 | 39.193 | 23.98 | PASS |
| 54 | 5270 | full | MCS0 | 14.92 | 31.060 | 23.98 or 11+10log(B) = 27.10 | PASS |
| 62 | 5310 | full | MCS0 | 14.98 | 31.492 | 23.98 or 11+10log(B) = 27.15 | PASS |
| | | 242/62 | MCS0 | 14.97 | 31.420 | 23.98 or 11+10log(B) = 27.15 | PASS |
| 102 | 5510 | full | MCS0 | 15.95 | 39.373 | 23.98 or 11+10log(B) = 27.12 | PASS |
| | | 242/61 | MCS0 | 15.96 | 39.464 | 23.98 or 11+10log(B) = 27.12 | PASS |
| 110 | 5550 | full | MCS0 | 15.97 | 39.555 | 23.98 or 11+10log(B) = 27.22 | PASS |
| 134 | 5670 | full | MCS0 | 15.96 | 39.464 | 23.98 or 11+10log(B) = 27.18 | PASS |
| | | 242/62 | MCS0 | 15.97 | 39.555 | 23.98 or 11+10log(B) = 27.18 | PASS |
| 142 | 5710(U-NII 2C) | full | MCS0 | 15.36 | 34.38 | 23.98 or 11+10log(B) = 27.11 | PASS |
| 142 | 5710 (U-NII 3) | full | MCS0 | 7.21 | 5.26 | 30 | PASS |
| 151 | 5755 | full | MCS0 | 16.88 | 48.776 | 30 | PASS |
| | | 242/61 | MCS0 | 16.85 | 48.440 | 30 | PASS |
| 159 | 5795 | full | MCS0 | 16.90 | 49.001 | 30 | PASS |

802.11ac VHT80_Ch1

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-------------------|------------------|------------------------------|--------|
| 42 | 5210 | VHT0 | 15.95 | 39.312 | 23.98 | PASS |
| 58 | 5290 | VHT0 | 14.98 | 31.443 | 23.98 or 11+10log(B) = 30.10 | PASS |
| 106 | 5530 | VHT0 | 15.93 | 39.131 | 23.98 or 11+10log(B) = 30.09 | PASS |
| 122 | 5610 | VHT0 | 15.91 | 38.951 | 23.98 or 11+10log(B) = 30.07 | PASS |
| 138 | 5690(U-NII 2C) | VHT0 | 15.60 | 36.29 | 23.98 or 11+10log(B) = 30.11 | PASS |
| 138 | 5690 (U-NII 3) | VHT0 | 4.39 | 2.75 | 30 | PASS |
| 155 | 5775 | VHT0 | 16.92 | 49.150 | 30 | PASS |

802.11ax 80_Ch1

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|------------------------------|--------|
| 42 | 5210 | full | MCS0 | 15.73 | 37.423 | 23.98 | PASS |
| | | 484/65 | MCS0 | 15.72 | 37.337 | 23.98 | PASS |
| 58 | 5290 | full | MCS0 | 14.97 | 31.415 | 23.98 or 11+10log(B) = 30.05 | PASS |
| | | 484/66 | MCS0 | 13.10 | 20.424 | 23.98 or 11+10log(B) = 30.05 | PASS |
| 106 | 5530 | full | MCS0 | 15.98 | 39.640 | 23.98 or 11+10log(B) = 30.00 | PASS |
| | | 484/65 | MCS0 | 15.97 | 39.549 | 23.98 or 11+10log(B) = 30.00 | PASS |
| 122 | 5610 | full | MCS0 | 15.92 | 39.097 | 23.98 or 11+10log(B) = 30.02 | PASS |
| 138 | 5690(U-NII 2C) | full | MCS0 | 15.60 | 36.27 | 23.98 or 11+10log(B) = 30.15 | PASS |
| 138 | 5690 (U-NII 3) | full | MCS0 | 4.65 | 2.92 | 30 | PASS |
| 155 | 5775 | full | MCS0 | 16.89 | 48.881 | 30 | PASS |
| | | 484/66 | MCS0 | 16.73 | 47.113 | 30 | PASS |

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802.11ac_VHT160_Ch1

| CH | Frequency (MHz) | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | | RESULT |
|-----|-----------------|-----------|-------------------|------------------|----------------------|---------------------------|--------|
| 50 | 5250 | VHT0 | 12.47 | 17.653 | 23.98 | or $11+10\log(B) = 33.11$ | PASS |
| 114 | 5570 | VHT0 | 12.98 | 19.852 | 23.98 | or $11+10\log(B) = 33.14$ | PASS |

802.11ax_160_Ch1

| CH | Frequency (MHz) | RU Config | Data Rate | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | | RESULT |
|-----|-----------------|-----------|-----------|-------------------|------------------|----------------------|---------------------------|--------|
| 50 | 5250 | full | MCS0 | 11.73 | 14.908 | 23.98 | or $11+10\log(B) = 33.13$ | PASS |
| | | 996/67 | MCS0 | 11.23 | 13.287 | 23.98 | or $11+10\log(B) = 33.13$ | PASS |
| | | 996/s67 | MCS0 | 11.22 | 13.256 | 23.98 | or $11+10\log(B) = 33.13$ | PASS |
| 114 | 5570 | full | MCS0 | 12.22 | 16.689 | 23.98 | or $11+10\log(B) = 33.10$ | PASS |
| | | 996/67 | MCS0 | 9.72 | 9.385 | 23.98 | or $11+10\log(B) = 33.10$ | PASS |
| | | 996/s67 | MCS0 | 9.67 | 9.277 | 23.98 | or $11+10\log(B) = 33.10$ | PASS |

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Mode: MIMO

802.11n_HT20_MIMO

| CH | Frequency (MHz) | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|------------------|-------|-------------------|------------------|---------------------------------|--------|
| | | | CH 1 | CH 0 | | | | |
| 36 | 5180 | HT8 | 15.81 | 15.95 | 18.90 | 77.671 | 23.98 | PASS |
| 44 | 5220 | HT8 | 15.87 | 15.97 | 18.94 | 78.384 | 23.98 | PASS |
| 48 | 5240 | HT8 | 15.86 | 15.96 | 18.93 | 78.204 | 23.98 | PASS |
| 52 | 5260 | HT8 | 14.88 | 14.96 | 17.94 | 62.261 | 23.98 or $11+10\log(B) = 24.64$ | PASS |
| 60 | 5300 | HT8 | 14.87 | 14.95 | 17.93 | 62.118 | 23.98 or $11+10\log(B) = 24.61$ | PASS |
| 64 | 5320 | HT8 | 14.86 | 14.95 | 17.93 | 62.047 | 23.98 or $11+10\log(B) = 24.60$ | PASS |
| 100 | 5500 | HT8 | 15.89 | 15.98 | 18.96 | 78.655 | 23.98 or $11+10\log(B) = 24.63$ | PASS |
| 116 | 5580 | HT8 | 15.91 | 15.97 | 18.96 | 78.743 | 23.98 or $11+10\log(B) = 24.62$ | PASS |
| 140 | 5700 | HT8 | 15.13 | 15.21 | 18.19 | 65.951 | 23.98 or $11+10\log(B) = 24.57$ | PASS |
| 144 | 5720(U-NII 2C) | HT8 | 14.40 | 14.51 | 17.48 | 55.967 | 23.98 or $11+10\log(B) = 24.54$ | PASS |
| 144 | 5720 (U-NII 3) | HT8 | 10.27 | 10.39 | 13.35 | 21.610 | 30 | PASS |
| 149 | 5745 | HT8 | 15.89 | 15.97 | 18.95 | 78.563 | 30 | PASS |
| 157 | 5785 | HT8 | 16.21 | 16.31 | 19.28 | 84.767 | 30 | PASS |
| 165 | 5825 | HT8 | 15.91 | 15.98 | 18.97 | 78.834 | 30 | PASS |

802.11n_HT40_MIMO

| CH | Frequency (MHz) | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|------------------|-------|-------------------|------------------|---------------------------------|--------|
| | | | CH 1 | CH 0 | | | | |
| 38 | 5190 | HT8 | 14.81 | 14.83 | 17.85 | 61.004 | 23.98 | PASS |
| 46 | 5230 | HT8 | 15.82 | 15.91 | 18.90 | 77.603 | 23.98 | PASS |
| 54 | 5270 | HT8 | 14.89 | 14.97 | 17.96 | 62.571 | 23.98 or $11+10\log(B) = 27.11$ | PASS |
| 62 | 5310 | HT8 | 14.86 | 14.95 | 17.94 | 62.213 | 23.98 or $11+10\log(B) = 27.20$ | PASS |
| 102 | 5510 | HT8 | 12.83 | 12.94 | 15.92 | 39.074 | 23.98 or $11+10\log(B) = 27.24$ | PASS |
| 110 | 5550 | HT8 | 15.87 | 15.92 | 18.93 | 78.138 | 23.98 or $11+10\log(B) = 27.20$ | PASS |
| 134 | 5670 | HT8 | 14.85 | 14.98 | 17.95 | 62.360 | 23.98 or $11+10\log(B) = 27.18$ | PASS |
| 142 | 5710(U-NII 2C) | HT8 | 15.25 | 15.38 | 18.34 | 68.308 | 23.98 or $11+10\log(B) = 27.00$ | PASS |
| 142 | 5720 (U-NII 3) | HT8 | 6.75 | 6.85 | 9.85 | 9.658 | 30 | PASS |
| 151 | 5755 | HT8 | 15.86 | 15.96 | 18.94 | 78.412 | 30 | PASS |
| 159 | 5795 | HT8 | 16.23 | 16.32 | 19.31 | 85.286 | 30 | PASS |

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802.11ax_20_MIMO

| CH | Frequency (MHz) | RU Config | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|------------------|-------|-------------------|------------------|------------------------------|--------|
| | | | | CH 1 | CH 0 | | | | |
| 36 | 5180 | full | MCS0 | 15.83 | 15.95 | 18.92 | 78.034 | 23.98 | PASS |
| | | 26/0 | MCS0 | 7.44 | 8.11 | 10.82 | 12.079 | 23.98 | PASS |
| | | 52/37 | MCS0 | 9.72 | 10.55 | 13.19 | 20.832 | 23.98 | PASS |
| | | 106/53 | MCS0 | 12.62 | 13.43 | 16.08 | 40.516 | 23.98 | PASS |
| 44 | 5220 | full | MCS0 | 15.84 | 15.97 | 18.94 | 78.305 | 23.98 | PASS |
| 48 | 5240 | full | MCS0 | 15.82 | 15.91 | 18.90 | 77.583 | 23.98 | PASS |
| 52 | 5260 | full | MCS0 | 14.89 | 14.93 | 17.94 | 62.266 | 23.98 or 11+10log(B) = 24.77 | PASS |
| 60 | 5300 | full | MCS0 | 14.87 | 14.94 | 17.94 | 62.195 | 23.98 or 11+10log(B) = 24.98 | PASS |
| 64 | 5320 | full | MCS0 | 14.83 | 14.98 | 17.94 | 62.202 | 23.98 or 11+10log(B) = 24.79 | PASS |
| | | 26/8 | MCS0 | 8.05 | 8.67 | 11.40 | 13.815 | 23.98 or 11+10log(B) = 24.79 | PASS |
| | | 52/40 | MCS0 | 10.71 | 11.29 | 14.04 | 25.364 | 23.98 or 11+10log(B) = 24.79 | PASS |
| | | 106/54 | MCS0 | 14.18 | 14.37 | 17.31 | 53.808 | 23.98 or 11+10log(B) = 24.79 | PASS |
| 100 | 5500 | full | MCS0 | 14.85 | 14.92 | 17.92 | 61.909 | 23.98 or 11+10log(B) = 24.87 | PASS |
| | | 26/0 | MCS0 | 8.15 | 8.56 | 11.39 | 13.779 | 23.98 or 11+10log(B) = 24.87 | PASS |
| | | 52/37 | MCS0 | 11.12 | 11.45 | 14.32 | 27.043 | 23.98 or 11+10log(B) = 24.87 | PASS |
| | | 106/53 | MCS0 | 14.37 | 14.46 | 17.45 | 55.561 | 23.98 or 11+10log(B) = 24.87 | PASS |
| 116 | 5580 | full | MCS0 | 15.88 | 15.97 | 18.96 | 78.662 | 23.98 or 11+10log(B) = 24.81 | PASS |
| 140 | 5700 | full | MCS0 | 15.89 | 15.93 | 18.94 | 78.388 | 23.98 or 11+10log(B) = 24.88 | PASS |
| | | 26/8 | MCS0 | 1.35 | 1.49 | 4.45 | 2.788 | 23.98 or 11+10log(B) = 24.88 | PASS |
| | | 52/40 | MCS0 | 10.36 | 11.47 | 13.98 | 25.020 | 23.98 or 11+10log(B) = 24.88 | PASS |
| | | 106/54 | MCS0 | 12.43 | 12.47 | 15.48 | 35.338 | 23.98 or 11+10log(B) = 24.88 | PASS |
| 144 | 5720(U-NII 2C) | full | MCS0 | 14.43 | 14.50 | 17.51 | 56.309 | 23.98 or 11+10log(B) = 24.62 | PASS |
| 144 | 5720 (U-NII 3) | full | MCS0 | 10.38 | 10.52 | 13.46 | 22.172 | 30 | PASS |
| 149 | 5745 | full | MCS0 | 16.43 | 16.34 | 19.42 | 87.451 | 30 | PASS |
| | | 26/0 | MCS0 | 8.86 | 8.76 | 11.84 | 15.285 | 30 | PASS |
| | | 52/37 | MCS0 | 15.98 | 16.03 | 19.04 | 80.122 | 30 | PASS |
| | | 106/53 | MCS0 | 14.85 | 14.98 | 17.95 | 62.344 | 30 | PASS |
| 157 | 5785 | full | MCS0 | 16.41 | 16.34 | 19.41 | 87.248 | 30 | PASS |
| 165 | 5825 | full | MCS0 | 16.34 | 16.38 | 19.39 | 86.946 | 30 | PASS |

802.11ax_40_MIMO

| CH | Frequency (MHz) | RU Config | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | RESULT |
|-----|-----------------|-----------|-----------|------------------|-------|-------------------|------------------|------------------------------|--------|
| | | | | CH 1 | CH 0 | | | | |
| 38 | 5190 | full | MCS0 | 14.85 | 14.93 | 17.94 | 62.266 | 23.98 | PASS |
| | | 242/61 | MCS0 | 12.61 | 12.73 | 15.72 | 37.349 | 23.98 | PASS |
| 46 | 5230 | full | MCS0 | 15.84 | 15.93 | 18.94 | 78.299 | 23.98 | PASS |
| 54 | 5270 | full | MCS0 | 14.81 | 14.93 | 17.92 | 61.983 | 23.98 or 11+10log(B) = 27.37 | PASS |
| 62 | 5310 | full | MCS0 | 14.85 | 14.94 | 17.95 | 62.339 | 23.98 or 11+10log(B) = 27.37 | PASS |
| | | 242/62 | MCS0 | 14.87 | 14.92 | 17.95 | 62.336 | 23.98 or 11+10log(B) = 27.37 | PASS |
| 102 | 5510 | full | MCS0 | 14.37 | 14.48 | 17.48 | 55.946 | 23.98 or 11+10log(B) = 27.31 | PASS |
| | | 242/61 | MCS0 | 15.36 | 15.48 | 18.47 | 70.352 | 23.98 or 11+10log(B) = 27.31 | PASS |
| 110 | 5550 | full | MCS0 | 15.87 | 15.96 | 18.97 | 78.842 | 23.98 or 11+10log(B) = 27.39 | PASS |
| 134 | 5670 | full | MCS0 | 15.13 | 15.22 | 18.23 | 66.490 | 23.98 or 11+10log(B) = 27.37 | PASS |
| | | 242/62 | MCS0 | 15.88 | 15.96 | 18.97 | 78.932 | 23.98 or 11+10log(B) = 27.37 | PASS |
| 142 | 5710(U-NII 2C) | full | MCS0 | 15.10 | 15.20 | 18.22 | 66.333 | 23.98 or 11+10log(B) = 27.33 | PASS |
| 142 | 5710 (U-NII 3) | full | MCS0 | 7.60 | 7.91 | 10.72 | 11.790 | 30 | PASS |
| 151 | 5755 | full | MCS0 | 15.79 | 15.92 | 18.91 | 77.765 | 30 | PASS |
| | | 242/61 | MCS0 | 15.89 | 15.96 | 18.98 | 79.022 | 30 | PASS |
| 159 | 5795 | full | MCS0 | 15.84 | 15.96 | 18.95 | 78.573 | 30 | PASS |

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802.11ac_VHT80_MIMO

| CH | Frequency (MHz) | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | | RESULT |
|-----|-----------------|-----------|------------------|-------|-------------------|------------------|----------------------|------------------------|--------|
| | | | CH 1 | CH 0 | | | | | |
| 42 | 5210 | VHT0 | 14.35 | 14.46 | 17.45 | 55.602 | 23.98 | | PASS |
| 58 | 5290 | VHT0 | 12.88 | 12.94 | 15.96 | 39.406 | 23.98 | or 11+10log(B) = 30.07 | PASS |
| 106 | 5530 | VHT0 | 10.37 | 10.44 | 13.45 | 22.134 | 23.98 | or 11+10log(B) = 30.10 | PASS |
| 122 | 5610 | VHT0 | 15.86 | 15.96 | 18.96 | 78.629 | 23.98 | or 11+10log(B) = 30.08 | PASS |
| 138 | 5690(U-NII 2C) | VHT0 | 15.54 | 15.62 | 18.64 | 73.055 | 23.98 | or 11+10log(B) = 30.08 | PASS |
| 138 | 5690 (U-NII 3) | VHT0 | 4.15 | 4.62 | 7.25 | 5.304 | 30 | | PASS |
| 155 | 5775 | VHT0 | 15.88 | 15.97 | 18.97 | 78.900 | 30 | | PASS |

802.11ax_80_MIMO

| CH | Frequency (MHz) | RU Config | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | | RESULT |
|-----|-----------------|-----------|-----------|------------------|-------|-------------------|------------------|----------------------|------------------------|--------|
| | | | | CH 1 | CH 0 | | | | | |
| 42 | 5210 | full | MCS0 | 12.85 | 12.96 | 15.96 | 39.419 | 23.98 | | PASS |
| | | 484/65 | MCS0 | 11.14 | 11.22 | 14.23 | 26.496 | 23.98 | | PASS |
| 58 | 5290 | full | MCS0 | 12.89 | 12.96 | 15.98 | 39.599 | 23.98 | or 11+10log(B) = 30.10 | PASS |
| | | 484/66 | MCS0 | 14.86 | 14.94 | 17.95 | 62.400 | 23.98 | or 11+10log(B) = 30.10 | PASS |
| 106 | 5530 | full | MCS0 | 12.86 | 12.94 | 15.95 | 39.372 | 23.98 | or 11+10log(B) = 30.03 | PASS |
| | | 484/65 | MCS0 | 10.41 | 10.43 | 13.47 | 22.240 | 23.98 | or 11+10log(B) = 30.03 | PASS |
| 122 | 5610 | full | MCS0 | 12.83 | 12.96 | 15.95 | 39.329 | 23.98 | or 11+10log(B) = 30.05 | PASS |
| 138 | 5690(U-NII 2C) | full | MCS0 | 15.51 | 15.66 | 18.62 | 72.830 | 23.98 | or 11+10log(B) = 30.07 | PASS |
| 138 | 5690 (U-NII 3) | full | MCS0 | 4.47 | 4.20 | 7.58 | 5.732 | 30 | | PASS |
| 155 | 5775 | full | MCS0 | 15.86 | 15.95 | 18.96 | 78.649 | 30 | | PASS |
| | | 484/66 | MCS0 | 15.84 | 15.95 | 18.95 | 78.470 | 30 | | PASS |

802.11ac_VHT160_MIMO

| CH | Frequency (MHz) | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | | RESULT |
|-----|-----------------|-----------|------------------|-------|-------------------|------------------|----------------------|------------------------|--------|
| | | | CH 1 | CH 0 | | | | | |
| 50 | 5250 | VHT0 | 9.33 | 9.45 | 12.47 | 17.655 | 23.98 | or 11+10log(B) = 33.14 | PASS |
| 114 | 5570 | VHT0 | 10.08 | 10.19 | 13.21 | 20.959 | 23.98 | or 11+10log(B) = 33.12 | PASS |

802.11ax_160_MIMO

| CH | Frequency (MHz) | RU Config | Data Rate | Avg. POWER (dBm) | | TOTAL POWER (dBm) | TOTAL POWER (mW) | REQUIRED LIMIT (dBm) | | RESULT |
|-----|-----------------|-----------|-----------|------------------|-------|-------------------|------------------|----------------------|------------------------|--------|
| | | | | CH 1 | CH 0 | | | | | |
| 50 | 5250 | full | MCS0 | 10.88 | 10.94 | 13.96 | 24.915 | 23.98 | or 11+10log(B) = 33.14 | PASS |
| | | 996/67 | MCS0 | 9.89 | 9.95 | 12.97 | 19.836 | 23.98 | or 11+10log(B) = 33.14 | PASS |
| | | 996/s67 | MCS0 | 9.88 | 9.91 | 12.95 | 19.722 | 23.98 | or 11+10log(B) = 33.14 | PASS |
| 114 | 5570 | full | MCS0 | 8.84 | 8.94 | 11.94 | 15.649 | 23.98 | or 11+10log(B) = 33.14 | PASS |
| | | 996/67 | MCS0 | 9.4 | 9.46 | 12.48 | 17.720 | 23.98 | or 11+10log(B) = 33.14 | PASS |
| | | 996/s67 | MCS0 | 9.23 | 9.32 | 12.33 | 17.099 | 23.98 | or 11+10log(B) = 33.11 | PASS |

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10 MAXIMUM POWER SPECTRAL DENSITY

10.1 Standard Applicable

FCC

| OPERZTION Band | EUT CATEGORY | | LIMIT |
|-------------------|--------------|-----------------------------------|---------------|
| U-NII-1 | | Access Point (Master device) | 17dBm/ MHz |
| | | Fixed point-to-point Access Ponit | |
| | ✓ | Mobile and portable client device | 11dBm/ MHz |
| U-NII-2A | ✓ | | 11dBm/ MHz |
| U-NII-2C | ✓ | | 11dBm/ MHz |
| U-NII-3 | ✓ | | 30dBm/ 500kHz |

If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note:

As per section F. 2). d). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

(ii) If all transmit signals are *completely uncorrelated*, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

where

N_{ANT} = the total number of antennas

G is the gain in dBi.

The antenna gain is grater than 6 dBi, therefore the limit needs to be reduced as below

FCC PSD Limit Attenuation (Chain 0)

| | Antenna Gain (dBi) | PSD Limit | |
|-----------------|-----------------------|-----------|-------------|
| U-NII-2C | 6.10 | 10.90 | dBm/MHz |
| U-NII-3 | 6.70 | 29.30 | dBm/500 kHz |

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10.2 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. For U-NII1, U-NII-2A, U-NII-2C Band:
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = RMS average, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
For U-NII-3 Band:
Set RBW=510 kHz, VBW \geq 3RBW, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = RMS average, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
Note: RBW=510kHz Offset factor $10\log(500/510) = -0.08$ with reference offset.
5. Use the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add $10\log(1/\text{duty cycle})$.
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.

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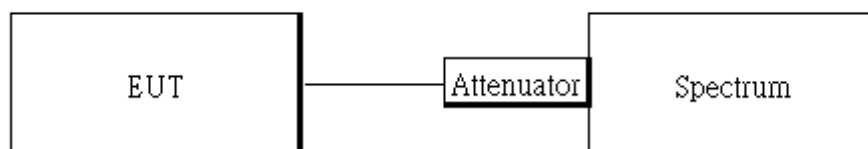
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10.3 Measurement Equipment Used

| SGS Conducted Room | | | | | |
|--------------------|--------------|----------------|---------------|------------------|-----------------|
| Name of Equip-ment | Manufacturer | Model | Serial Number | Calibration Date | Calibration Due |
| Spectrum Analyzer | KEYSIGHT | N9010A | MY53400256 | 11/20/2020 | 11/19/2021 |
| Spectrum Analyzer | KEYSIGHT | N9010B | MY59071573 | 06/26/2020 | 06/25/2021 |
| DC Block | PASTERNAK | PE8210 | RF152 | 11/19/2020 | 11/18/2021 |
| Attenuator | Marvelous | WATT-218FS-10 | RF19 | 11/19/2020 | 11/18/2021 |
| Coaxial Cables | Woken | 00100A1F1A185C | RF219 | 11/19/2020 | 11/18/2021 |
| I Pex4 Cables | Woken | 00100A1H646027 | RF508 | 06/01/2020 | 05/31/2021 |
| DC Power Supply | Agilent | E3640A | MY53130054 | 09/07/2020 | 09/06/2021 |

10.4 Test Set-up



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10.5 Measurement Result

10.5.1 Power spectral density

Mode: Chain 0

| POWER DENSITY 802.11a MODE | | | | | |
|----------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180.00 | 6.80 | 0.09 | 6.89 | 11.00 | -4.11 |
| 5220.00 | 6.50 | 0.09 | 6.59 | 11.00 | -4.41 |
| 5240.00 | 6.94 | 0.09 | 7.03 | 11.00 | -3.97 |
| 5260.00 | 6.68 | 0.09 | 6.77 | 11.00 | -4.23 |
| 5300.00 | 6.71 | 0.09 | 6.81 | 11.00 | -4.19 |
| 5320.00 | 3.46 | 0.09 | 3.55 | 11.00 | -7.45 |
| 5500.00 | 5.62 | 0.09 | 5.72 | 10.90 | -5.18 |
| 5580.00 | 6.11 | 0.09 | 6.20 | 10.90 | -4.70 |
| 5700.00 | 6.29 | 0.09 | 6.38 | 10.90 | -4.52 |
| 5720 (U-NII 2C) | 6.29 | 0.09 | 6.38 | 10.90 | -4.52 |
| 5720 (U-NII 3) | 3.31 | 0.09 | 3.41 | 29.30 | -25.89 |
| 5745.00 | 4.80 | 0.09 | 4.89 | 29.30 | -24.41 |
| 5785.00 | 4.67 | 0.09 | 4.76 | 29.30 | -24.54 |
| 5825.00 | 4.77 | 0.09 | 4.87 | 29.30 | -24.43 |

| POWER DENSITY 802.11n HT20 MODE | | | | | |
|---------------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180 | 3.89 | - | 3.89 | 11 | -7.12 |
| 5220 | 3.61 | - | 3.61 | 11 | -7.39 |
| 5240 | 3.79 | - | 3.79 | 11 | -7.21 |
| 5260 | 3.93 | - | 3.93 | 11 | -7.07 |
| 5300 | 3.80 | - | 3.80 | 11 | -7.20 |
| 5320 | 3.64 | - | 3.64 | 11 | -7.36 |
| 5500 | 3.06 | - | 3.06 | 10.9 | -7.84 |
| 5580 | 3.78 | - | 3.78 | 10.9 | -7.12 |
| 5700 | 3.61 | - | 3.61 | 10.9 | -7.29 |
| 5720 (U-NII 2C) | 6.30 | - | 6.30 | 10.9 | -4.60 |
| 5720 (U-NII 3) | 3.39 | - | 3.39 | 29.3 | -25.91 |
| 5745 | 4.52 | - | 4.52 | 29.3 | -24.78 |
| 5785 | 4.51 | - | 4.51 | 29.3 | -24.79 |
| 5825 | 4.48 | - | 4.48 | 29.3 | -24.82 |

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| POWER DENSITY 802.11n HT40 MODE | | | | | |
|---------------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5190 | 1.494 | - | 1.49 | 11 | -9.51 |
| 5230 | 3.409 | - | 3.41 | 11 | -7.59 |
| 5270 | 3.51 | - | 3.51 | 11 | -7.49 |
| 5310 | 1.487 | - | 1.49 | 11 | -9.51 |
| 5510 | 0.576 | - | 0.58 | 10.9 | -10.32 |
| 5550 | 2.408 | - | 2.41 | 10.9 | -8.49 |
| 5670 | 3.11 | - | 3.11 | 10.9 | -7.79 |
| 5710 (U-NII 2C) | 3.16 | - | 3.16 | 10.9 | -7.74 |
| 5710 (U-NII 3) | 0.19 | - | 0.19 | 29.3 | -29.11 |
| 5755 | 1.19 | - | 1.19 | 29.3 | -28.12 |
| 5795 | 1.29 | - | 1.29 | 29.3 | -28.01 |

| POWER DENSITY 802.11ax 20 MODE | | | | | | |
|--------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180 | full | 6.29 | - | 6.29 | 11 | -4.71 |
| | 26/0 | 4.80 | - | 4.80 | 11 | -6.20 |
| | 52/37 | 9.80 | - | 9.80 | 11 | -1.21 |
| | 106/53 | 8.85 | - | 8.85 | 11 | -2.15 |
| 5220 | full | 5.84 | - | 5.84 | 11 | -5.16 |
| 5240 | full | 6.42 | - | 6.42 | 11 | -4.58 |
| 5260 | full | 6.72 | - | 6.72 | 11 | -4.29 |
| 5300 | full | 6.40 | - | 6.40 | 11 | -4.60 |
| 5320 | full | 5.63 | - | 5.63 | 11 | -5.37 |
| | 26/8 | 9.95 | - | 9.95 | 11 | -1.05 |
| | 52/40 | 9.38 | - | 9.38 | 11 | -1.62 |
| | 106/54 | 6.72 | - | 6.72 | 11 | -4.28 |
| 5500 | full | 5.26 | - | 5.26 | 10.9 | -5.64 |
| | 26/0 | 7.69 | - | 7.69 | 10.9 | -3.21 |
| | 52/37 | 7.94 | - | 7.94 | 10.9 | -2.96 |
| | 106/53 | 7.67 | - | 7.67 | 10.9 | -3.23 |
| 5580 | full | 6.05 | - | 6.05 | 10.9 | -4.85 |
| 5700 | full | 5.01 | - | 5.01 | 10.9 | -5.89 |
| | 26/8 | 8.47 | - | 8.47 | 10.9 | -2.43 |
| | 52/40 | 8.95 | - | 8.95 | 10.9 | -1.95 |
| | 106/54 | 8.10 | - | 8.10 | 10.9 | -2.80 |
| 5720 (U-NII 2C) | full | 3.45 | - | 3.45 | 10.9 | -7.45 |
| 5720 (U-NII 3) | full | 0.35 | - | 0.35 | 29.3 | -28.95 |
| 5745 | full | 4.51 | - | 4.51 | 29.3 | -24.79 |
| | 26/0 | 12.89 | - | 12.89 | 29.3 | -16.41 |
| | 52/37 | 7.59 | - | 7.59 | 29.3 | -21.71 |
| | 106/53 | 6.59 | - | 6.59 | 29.3 | -22.71 |
| 5785 | full | 4.12 | - | 4.12 | 29.3 | -25.18 |
| 5825 | full | 4.32 | - | 4.32 | 29.3 | -24.98 |

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| POWER DENSITY 802.11ax 40 MODE | | | | | | |
|--------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5190 | full | 2.544 | - | 2.54 | 11 | -8.46 |
| | 242/61 | 6.037 | - | 6.04 | 11 | -4.96 |
| 5230 | full | 3.26 | - | 3.26 | 11 | -7.74 |
| 5270 | full | 3.144 | - | 3.14 | 11 | -7.86 |
| 5310 | full | 1.56 | - | 1.56 | 11 | -9.44 |
| | 242/62 | 6.584 | - | 6.58 | 11 | -4.42 |
| 5510 | full | 0.961 | - | 0.96 | 10.9 | -9.94 |
| | 242/61 | 5.239 | - | 5.24 | 10.9 | -5.66 |
| 5550 | full | 2.632 | - | 2.63 | 10.9 | -8.27 |
| 5670 | full | 3.35 | - | 3.35 | 10.9 | -7.55 |
| | 242/62 | 6.39 | - | 6.39 | 10.9 | -4.51 |
| 5710 (U-NII 2C) | full | 3.00 | - | 3.00 | 10.9 | -7.90 |
| 5710 (U-NII 3) | full | 0.21 | - | 0.21 | 29.3 | -29.10 |
| 5755 | full | 0.96 | - | 0.96 | 29.3 | -28.34 |
| | 242/61 | 4.63 | - | 4.63 | 29.3 | -24.67 |
| 5795 | full | 1.00 | - | 1.00 | 29.3 | -28.30 |

| POWER DENSITY 802.11ac VHT80 MODE | | | | | | |
|-----------------------------------|--|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5210 | | -0.76 | - | -0.76 | 11 | -11.76 |
| 5290 | | -2.78 | - | -2.78 | 11 | -13.78 |
| 5530 | | -2.35 | - | -2.35 | 10.9 | -13.25 |
| 5610 | | 0.75 | - | 0.75 | 10.9 | -10.15 |
| 5690 (U-NII 2C) | | 1.31 | - | 1.31 | 10.9 | -9.60 |
| 5690 (U-NII 3) | | -1.36 | - | -1.36 | 29.3 | -30.66 |
| 5775 | | -0.46 | - | -0.46 | 29.3 | -29.76 |

| POWER DENSITY 802.11ax 80 MODE | | | | | | |
|--------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5210 | full | -0.98 | - | -0.98 | 11 | -11.98 |
| | 484/65 | 1.61 | - | 1.61 | 11 | -9.39 |
| 5290 | full | -0.84 | - | -0.84 | 11 | -11.84 |
| | 484/66 | 4.01 | - | 4.01 | 11 | -6.99 |
| 5530 | full | -2.31 | - | -2.31 | 10.9 | -13.21 |
| | 484/65 | 1.65 | - | 1.65 | 10.9 | -9.25 |
| 5610 | full | 0.75 | - | 0.75 | 10.9 | -10.15 |
| 5690 (U-NII 2C) | full | 1.27 | - | 1.27 | 10.9 | -9.63 |
| 5690 (U-NII 3) | full | -1.43 | - | -1.43 | 29.3 | -30.73 |
| 5775 | full | -1.05 | - | -1.05 | 29.3 | -30.35 |
| | 484/66 | 2.10 | - | 2.10 | 29.3 | -27.21 |

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| POWER DENSITY 802.11ac VHT160 MODE | | | | | |
|------------------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5250 | -8.19 | - | -8.19 | 11 | -19.19 |
| 5570 | -8.08 | - | -8.08 | 10.9 | -18.98 |

| POWER DENSITY 802.11ax 160 MODE | | | | | | |
|---------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5250 | full | -8.38 | - | -8.38 | 11 | -19.38 |
| | 996/67 | -5.33 | - | -5.33 | 11 | -16.33 |
| | 996/s67 | -4.93 | - | -4.93 | 11 | -15.93 |
| 5570 | full | -7.31 | - | -7.31 | 10.9 | -18.21 |
| | 996/67 | -7.86 | - | -7.86 | 10.9 | -18.76 |
| | 996/s67 | -7.21 | - | -7.21 | 10.9 | -18.11 |

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Mode: Chain 1

| POWER DENSITY 802.11a MODE | | | | | |
|----------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180.00 | 5.86 | 0.09 | 5.95 | 11.00 | -5.05 |
| 5220.00 | 5.94 | 0.09 | 6.04 | 11.00 | -4.96 |
| 5240.00 | 5.81 | 0.09 | 5.90 | 11.00 | -5.10 |
| 5260.00 | 4.53 | 0.09 | 4.62 | 11.00 | -6.38 |
| 5300.00 | 4.35 | 0.09 | 4.44 | 11.00 | -6.56 |
| 5320.00 | 4.26 | 0.09 | 4.35 | 11.00 | -6.65 |
| 5500.00 | 5.26 | 0.09 | 5.35 | 11.00 | -5.65 |
| 5580.00 | 5.43 | 0.09 | 5.52 | 11.00 | -5.48 |
| 5700.00 | 5.38 | 0.09 | 5.47 | 11.00 | -5.53 |
| 5720 (U-NII 2C) | 5.53 | 0.09 | 5.62 | 11.00 | -5.38 |
| 5720 (U-NII 3) | 2.43 | 0.09 | 2.53 | 30.00 | -27.47 |
| 5745.00 | 4.81 | 0.09 | 4.90 | 30.00 | -25.10 |
| 5785.00 | 5.07 | 0.09 | 5.16 | 30.00 | -24.84 |
| 5825.00 | 4.90 | 0.09 | 4.99 | 30.00 | -25.01 |

| POWER DENSITY 802.11n HT20 MODE | | | | | |
|---------------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180 | 5.82 | - | 5.82 | 11 | -5.18 |
| 5220 | 5.92 | - | 5.92 | 11 | -5.08 |
| 5240 | 6.18 | - | 6.18 | 11 | -4.82 |
| 5260 | 6.28 | - | 6.28 | 11 | -4.72 |
| 5300 | 4.46 | - | 4.46 | 11 | -6.54 |
| 5320 | 4.59 | - | 4.59 | 11 | -6.41 |
| 5500 | 5.66 | - | 5.66 | 11 | -5.34 |
| 5580 | 5.86 | - | 5.86 | 11 | -5.14 |
| 5700 | 5.66 | - | 5.66 | 11 | -5.34 |
| 5720 (U-NII 2C) | 5.56 | - | 5.56 | 11 | -5.44 |
| 5720 (U-NII 3) | 2.80 | - | 2.80 | 30 | -27.20 |
| 5745 | 4.84 | - | 4.84 | 30 | -25.16 |
| 5785 | 5.33 | - | 5.33 | 30 | -24.67 |
| 5825 | 5.20 | - | 5.20 | 30 | -24.80 |

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| POWER DENSITY 802.11n HT40 MODE | | | | | |
|---------------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5190 | 1.677 | - | 1.68 | 11 | -9.32 |
| 5230 | 2.614 | - | 2.61 | 11 | -8.39 |
| 5270 | 1.645 | - | 1.65 | 11 | -9.36 |
| 5310 | 1.168 | - | 1.17 | 11 | -9.83 |
| 5510 | 2.388 | - | 2.39 | 11 | -8.61 |
| 5550 | 2.521 | - | 2.52 | 11 | -8.48 |
| 5670 | 2.20 | - | 2.20 | 11 | -8.80 |
| 5710 (U-NII 2C) | 2.32 | - | 2.32 | 11 | -8.68 |
| 5710 (U-NII 3) | -0.58 | - | -0.58 | 30 | -30.58 |
| 5755 | 1.43 | - | 1.43 | 30 | -28.57 |
| 5795 | 1.25 | - | 1.25 | 30 | -28.75 |

| POWER DENSITY 802.11ax 20 MODE | | | | | | |
|--------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180 | full | 5.95 | - | 5.95 | 11 | -5.05 |
| | 26/0 | 10.41 | - | 10.41 | 11 | -0.59 |
| | 52/37 | 9.94 | - | 9.94 | 11 | -1.07 |
| | 106/53 | 8.16 | - | 8.16 | 11 | -2.84 |
| 5220 | full | 5.54 | - | 5.54 | 11 | -5.47 |
| 5240 | full | 5.48 | - | 5.48 | 11 | -5.52 |
| 5260 | full | 4.76 | - | 4.76 | 11 | -6.24 |
| 5300 | full | 4.56 | - | 4.56 | 11 | -6.44 |
| 5320 | full | 4.29 | - | 4.29 | 11 | -6.71 |
| | 26/8 | 10.26 | - | 10.26 | 11 | -0.74 |
| | 52/40 | 9.38 | - | 9.38 | 11 | -1.62 |
| | 106/54 | 6.46 | - | 6.46 | 11 | -4.54 |
| 5500 | full | 5.22 | - | 5.22 | 11 | -5.78 |
| | 26/0 | 9.71 | - | 9.71 | 11 | -1.30 |
| | 52/37 | 9.25 | - | 9.25 | 11 | -1.75 |
| | 106/53 | 7.53 | - | 7.53 | 11 | -3.47 |
| 5580 | full | 5.53 | - | 5.53 | 11 | -5.47 |
| 5700 | full | 4.93 | - | 4.93 | 11 | -6.07 |
| | 26/8 | 10.15 | - | 10.15 | 11 | -0.85 |
| | 52/40 | 9.92 | - | 9.92 | 11 | -1.08 |
| | 106/54 | 7.68 | - | 7.68 | 11 | -3.32 |
| 5720 (U-NII 2C) | full | 5.11 | - | 5.11 | 11 | -5.89 |
| 5720 (U-NII 3) | full | 1.97 | - | 1.97 | 30 | -28.03 |
| 5745 | full | 4.70 | - | 4.70 | 30 | -25.30 |
| | 26/0 | 8.46 | - | 8.46 | 30 | -21.54 |
| | 52/37 | 9.21 | - | 9.21 | 30 | -20.79 |
| | 106/53 | 6.66 | - | 6.66 | 30 | -23.34 |
| 5785 | full | 4.30 | - | 4.30 | 30 | -25.70 |
| 5825 | full | 5.02 | - | 5.02 | 30 | -24.99 |

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| POWER DENSITY 802.11ax 40 MODE | | | | | | |
|--------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5190 | full | 2.401 | - | 2.40 | 11 | -8.60 |
| | 242/61 | 5.901 | - | 5.90 | 11 | -5.10 |
| 5230 | full | 2.396 | - | 2.40 | 11 | -8.60 |
| 5270 | full | 1.416 | - | 1.42 | 11 | -9.58 |
| 5310 | full | 1.172 | - | 1.17 | 11 | -9.83 |
| | 242/62 | 4.408 | - | 4.41 | 11 | -6.59 |
| 5510 | full | 2.297 | - | 2.30 | 11 | -8.70 |
| | 242/61 | 5.34 | - | 5.34 | 11 | -5.66 |
| 5550 | full | 2.113 | - | 2.11 | 11 | -8.89 |
| 5670 | full | 2.24 | - | 2.24 | 11 | -8.77 |
| | 242/62 | 6.00 | - | 6.00 | 11 | -5.00 |
| 5710 (U-NII 2C) | full | 2.11 | - | 2.11 | 11 | -8.89 |
| 5710 (U-NII 3) | full | -0.77 | - | -0.77 | 30 | -30.77 |
| 5755 | full | 1.23 | - | 1.23 | 30 | -28.77 |
| | 242/61 | 5.16 | - | 5.16 | 30 | -24.84 |
| 5795 | full | 1.94 | - | 1.94 | 30 | -28.06 |

| POWER DENSITY 802.11ac VHT80 MODE | | | | | | |
|-----------------------------------|--|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5210 | | -0.07 | - | -0.07 | 11 | -11.07 |
| 5290 | | -0.76 | - | -0.76 | 11 | -11.76 |
| 5530 | | 0.29 | - | 0.29 | 11 | -10.71 |
| 5610 | | 0.41 | - | 0.41 | 11 | -10.59 |
| 5690 (U-NII 2C) | | 0.11 | - | 0.11 | 11 | -10.89 |
| 5690 (U-NII 3) | | -2.73 | - | -2.73 | 30 | -32.73 |
| 5775 | | -0.37 | - | -0.37 | 30 | -30.37 |

| POWER DENSITY 802.11ax 80 MODE | | | | | | |
|--------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5210 | full | -0.39 | - | -0.39 | 11 | -11.39 |
| | 484/65 | 2.31 | - | 2.31 | 11 | -8.69 |
| 5290 | full | -0.94 | - | -0.94 | 11 | -11.94 |
| | 484/66 | -2.51 | - | -2.51 | 11 | -13.51 |
| 5530 | full | 0.10 | - | 0.10 | 11 | -10.90 |
| | 484/65 | 2.83 | - | 2.83 | 11 | -8.17 |
| 5610 | full | 0.08 | - | 0.08 | 11 | -10.93 |
| 5690 (U-NII 2C) | full | -0.16 | - | -0.16 | 11 | -11.16 |
| 5690 (U-NII 3) | full | -3.19 | - | -3.19 | 30 | -33.19 |
| 5775 | full | -0.81 | - | -0.81 | 30 | -30.81 |
| | 484/66 | 0.79 | - | 0.79 | 30 | -29.21 |

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| POWER DENSITY 802.11ac VHT160 MODE | | | | | |
|------------------------------------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5250 | -6.57 | - | -6.57 | 11 | -17.57 |
| 5570 | -5.54 | - | -5.54 | 11 | -16.54 |

| POWER DENSITY 802.11ax 160 MODE | | | | | | |
|---------------------------------|-----------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5250 | full | -7.20 | - | -7.20 | 11 | -18.20 |
| | 996/67 | -4.92 | - | -4.92 | 11 | -15.92 |
| | 996/s67 | -5.08 | - | -5.08 | 11 | -16.08 |
| 5570 | full | -6.20 | - | -6.20 | 11 | -17.20 |
| | 996/67 | -6.29 | - | -6.29 | 11 | -17.29 |
| | 996/s67 | -6.34 | - | -6.34 | 11 | -17.34 |

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Mode: MIMO

| POWER DENSITY 802.11n HT20 MODE_MIMO | | | | | | | |
|--------------------------------------|-------|-------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180 | 4.936 | 4.863 | 7.91 | - | 7.91 | 11.00 | -3.09 |
| 5220 | 4.853 | 5.056 | 7.97 | - | 7.97 | 11.00 | -3.03 |
| 5240 | 5.025 | 5.085 | 8.07 | - | 8.07 | 11.00 | -2.93 |
| 5260 | 3.861 | 3.941 | 6.91 | - | 6.91 | 11.00 | -4.09 |
| 5300 | 3.865 | 3.782 | 6.83 | - | 6.83 | 11.00 | -4.17 |
| 5320 | 3.645 | 3.751 | 6.71 | - | 6.71 | 11.00 | -4.29 |
| 5500 | 4.894 | 4.953 | 7.93 | - | 7.93 | 11.00 | -3.07 |
| 5580 | 4.925 | 4.903 | 7.92 | - | 7.92 | 11.00 | -3.08 |
| 5700 | 4.399 | 4.528 | 7.47 | - | 7.47 | 11.00 | -3.53 |
| 5720 (U-NII 2C) | 4.033 | 3.924 | 6.99 | - | 6.99 | 11.00 | -4.01 |
| 5720 (U-NII 3) | 1.101 | 1.125 | 4.12 | - | 4.12 | 30.00 | -25.88 |
| 5745 | 2.13 | 2.031 | 5.09 | - | 5.09 | 30.00 | -24.91 |
| 5785 | 3.994 | 3.869 | 6.94 | - | 6.94 | 30.00 | -23.06 |
| 5825 | 1.694 | 2.008 | 4.86 | - | 4.86 | 30.00 | -25.14 |

| POWER DENSITY 802.11n HT40 MODE_MIMO | | | | | | | |
|--------------------------------------|--------|--------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5190 | 0.737 | 0.792 | 3.77 | - | 3.77 | 11.00 | -7.23 |
| 5230 | 0.828 | 0.831 | 3.84 | - | 3.84 | 11.00 | -7.16 |
| 5270 | 0.008 | 0.006 | 3.02 | - | 3.02 | 11.00 | -7.98 |
| 5310 | -0.114 | -0.123 | 2.89 | - | 2.89 | 11.00 | -8.11 |
| 5510 | -2.162 | -2.205 | 0.83 | - | 0.83 | 11.00 | -10.17 |
| 5550 | 0.62 | 0.632 | 3.64 | - | 3.64 | 11.00 | -7.36 |
| 5670 | -0.119 | -0.036 | 2.93 | - | 2.93 | 11.00 | -8.07 |
| 5710 (U-NII 2C) | -0.163 | -0.147 | 2.86 | - | 2.86 | 11.00 | -8.14 |
| 5710 (U-NII 3) | -1.187 | -1.432 | 1.70 | - | 1.70 | 30.00 | -28.30 |
| 5755 | -1.045 | -0.808 | 2.09 | - | 2.09 | 30.00 | -27.91 |
| 5795 | 0.559 | 0.676 | 3.63 | - | 3.63 | 30.00 | -26.37 |

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| POWER DENSITY 802.11ax 20 MODE_MIMO | | | | | | | | |
|-------------------------------------|-----------|--------|--------|---------------------------|-------------|----------------------------|-------------|-------------|
| Frequency (MHz) | RU Config | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
| 5180 | full | 4.682 | 4.672 | 7.69 | - | 7.69 | 11.00 | -3.31 |
| | 26/0 | 5.047 | 5.107 | 8.09 | - | 8.09 | 11.00 | -2.91 |
| | 52/37 | 4.412 | 4.373 | 7.40 | - | 7.40 | 11.00 | -3.60 |
| | 106/53 | 4.575 | 4.632 | 7.61 | - | 7.61 | 11.00 | -3.39 |
| 5220 | full | 4.864 | 4.913 | 7.90 | - | 7.90 | 11.00 | -3.10 |
| 5240 | full | 4.561 | 4.435 | 7.51 | - | 7.51 | 11.00 | -3.49 |
| 5260 | full | 0.737 | 0.608 | 3.68 | - | 3.68 | 11.00 | -7.32 |
| 5300 | full | 3.923 | 3.515 | 6.73 | - | 6.73 | 11.00 | -4.27 |
| 5320 | full | 3.723 | 3.514 | 6.63 | - | 6.63 | 11.00 | -4.37 |
| | 26/8 | 5.077 | 5.174 | 8.14 | - | 8.14 | 11.00 | -2.86 |
| | 52/40 | 4.795 | 5.181 | 8.00 | - | 8.00 | 11.00 | -3.00 |
| | 106/54 | 5.079 | 5.133 | 8.12 | - | 8.12 | 11.00 | -2.88 |
| 5500 | full | 3.296 | 3.368 | 6.34 | - | 6.34 | 11.00 | -4.66 |
| | 26/0 | 5.534 | 4.724 | 8.16 | - | 8.16 | 11.00 | -2.84 |
| | 52/37 | 5.327 | 5.202 | 8.28 | - | 8.28 | 11.00 | -2.72 |
| | 106/53 | 5.462 | 5.142 | 8.32 | - | 8.32 | 11.00 | -2.68 |
| 5580 | full | 5.157 | 4.951 | 8.07 | - | 8.07 | 11.00 | -2.93 |
| 5700 | full | 4.381 | 4.608 | 7.51 | - | 7.51 | 11.00 | -3.49 |
| | 26/8 | -3.287 | -3.291 | -0.28 | - | -0.28 | 11.00 | -11.28 |
| | 52/40 | 6.077 | 5.903 | 9.00 | - | 9.00 | 11.00 | -2.00 |
| | 106/54 | 3.822 | 3.655 | 6.75 | - | 6.75 | 11.00 | -4.25 |
| 5720 (U-NII 2C) | full | 4.384 | 4.358 | 7.38 | - | 7.38 | 11.00 | -3.62 |
| 5720 (U-NII 3) | full | 1.768 | 1.843 | 4.82 | - | 4.82 | 30.00 | -25.18 |
| 5745 | full | 3.799 | 3.921 | 6.87 | - | 6.87 | 30.00 | -23.13 |
| | 26/0 | 3.989 | 4.19 | 7.10 | - | 7.10 | 30.00 | -22.90 |
| | 52/37 | 5.829 | 5.232 | 8.55 | - | 8.55 | 30.00 | -21.45 |
| | 106/53 | 3.276 | 3.18 | 6.24 | - | 6.24 | 30.00 | -23.76 |
| 5785 | full | 3.612 | 3.87 | 6.75 | - | 6.75 | 30.00 | -23.25 |
| 5825 | full | 2.766 | 2.862 | 5.82 | - | 5.82 | 30.00 | -24.18 |

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POWER DENSITY 802.11ax 40 MODE_MIMO

| Frequency (MHz) | RU Config | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-----------|--------|--------|---------------------------|-------------|----------------------------|-------------|-------------|
| 5190 | full | 0.851 | 0.816 | 3.84 | - | 3.84 | 11.00 | -7.16 |
| | 242/61 | 1.809 | 1.89 | 4.86 | - | 4.86 | 11.00 | -6.14 |
| 5230 | full | 1.714 | 1.673 | 4.70 | - | 4.70 | 11.00 | -6.30 |
| 5270 | full | 0.754 | 0.967 | 3.87 | - | 3.87 | 11.00 | -7.13 |
| 5310 | full | 0.699 | 0.6 | 3.66 | - | 3.66 | 11.00 | -7.34 |
| | 242/62 | 3.68 | 3.525 | 6.61 | - | 6.61 | 11.00 | -4.39 |
| 5510 | full | 0.277 | 0.415 | 3.36 | - | 3.36 | 11.00 | -7.64 |
| | 242/61 | 4.389 | 4.264 | 7.34 | - | 7.34 | 11.00 | -3.66 |
| 5550 | full | 1.989 | 1.811 | 4.91 | - | 4.91 | 11.00 | -6.09 |
| 5670 | full | 1.458 | 1.183 | 4.33 | - | 4.33 | 11.00 | -6.67 |
| | 242/62 | 4.954 | 5.022 | 8.00 | - | 8.00 | 11.00 | -3.00 |
| 5710 (U-NII 2C) | full | 1.591 | 1.652 | 4.63 | - | 4.63 | 11.00 | -6.37 |
| 5710 (U-NII 3) | full | -1.054 | -1.097 | 1.93 | - | 1.93 | 30.00 | -28.07 |
| 5755 | full | -1.192 | -0.971 | 1.93 | - | 1.93 | 30.00 | -28.07 |
| | 242/61 | 4.612 | 4.889 | 7.76 | - | 7.76 | 30.00 | -22.24 |
| 5795 | full | -0.966 | -0.788 | 2.13 | - | 2.13 | 30.00 | -27.87 |

POWER DENSITY 802.11ac VHT80 MODE_MIMO

| Frequency (MHz) | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|--------|--------|---------------------------|-------------|----------------------------|-------------|-------------|
| 5210 | -2.088 | -2.104 | 0.91 | - | 0.91 | 11.00 | -10.09 |
| 5290 | -3.735 | -3.75 | -0.73 | - | -0.73 | 11.00 | -11.73 |
| 5530 | -6.014 | -5.95 | -2.97 | - | -2.97 | 11.00 | -13.97 |
| 5610 | -2.146 | -0.278 | 1.90 | - | 1.90 | 11.00 | -9.10 |
| 5690 (U-NII 2C) | -0.066 | 0.106 | 3.03 | - | 3.03 | 11.00 | -7.97 |
| 5690 (U-NII 3) | -2.902 | -2.824 | 0.15 | - | 0.15 | 30.00 | -29.85 |
| 5775 | -0.722 | -0.611 | 2.34 | - | 2.34 | 30.00 | -27.66 |

POWER DENSITY 802.11ax 80 MODE_MIMO

| Frequency (MHz) | RU Config | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-----------|--------|--------|---------------------------|-------------|----------------------------|-------------|-------------|
| 5210 | full | -3.587 | -3.39 | -0.48 | - | -0.48 | 11.00 | -11.48 |
| | 484/65 | -3.399 | -3.388 | -0.38 | - | -0.38 | 11.00 | -11.38 |
| 5290 | full | -3.833 | -3.609 | -0.71 | - | -0.71 | 11.00 | -11.71 |
| | 484/66 | 1.564 | 1.587 | 4.59 | - | 4.59 | 11.00 | -6.41 |
| 5530 | full | -3.25 | -3.233 | -0.23 | - | -0.23 | 11.00 | -11.23 |
| | 484/65 | -5.593 | -5.664 | -2.62 | - | -2.62 | 11.00 | -13.62 |
| 5610 | full | -3.104 | -3.133 | -0.11 | - | -0.11 | 11.00 | -11.11 |
| 5690 (U-NII 2C) | full | 0.308 | 0.276 | 3.30 | - | 3.30 | 11.00 | -7.70 |
| 5690 (U-NII 3) | full | -2.463 | -2.678 | 0.44 | - | 0.44 | 30.00 | -29.56 |
| 5775 | full | -2.797 | -2.552 | 0.34 | - | 0.34 | 30.00 | -29.66 |
| | 484/66 | -0.049 | -0.121 | 2.93 | - | 2.93 | 30.00 | -27.07 |

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POWER DENSITY 802.11ac VHT160 MODE_MIMO

| Frequency (MHz) | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|---------|---------|---------------------------|-------------|----------------------------|-------------|-------------|
| 5250 | -10.065 | -10.165 | -7.10 | - | -7.10 | 11.00 | -18.10 |
| 5570 | -9.011 | -8.766 | -5.88 | - | -5.88 | 11.00 | -16.88 |

POWER DENSITY 802.11ax 160 MODE_MIMO

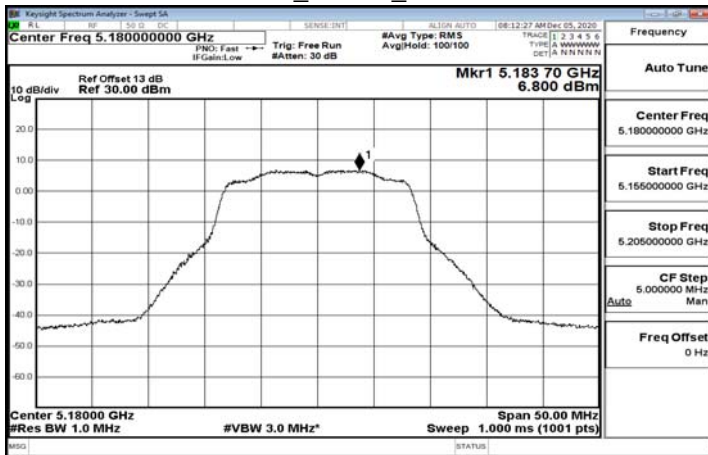
| Frequency (MHz) | RU Config | CH0 | CH1 | PSD W/O Duty Factor (dBm) | Duty Factor | PSD With Duty Factor (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-----------|--------|--------|---------------------------|-------------|----------------------------|-------------|-------------|
| 5250 | full | -8.999 | -8.824 | -5.90 | - | -5.90 | 11.00 | -16.90 |
| | 996/67 | -7.715 | -7.744 | -4.72 | - | -4.72 | 11.00 | -15.72 |
| | 996/s67 | -5.86 | -5.67 | -2.75 | - | -2.75 | 11.00 | -13.75 |
| 5570 | full | -1.364 | -1.138 | 1.76 | - | 1.76 | 11.00 | -9.24 |
| | 996/67 | -7.04 | -6.884 | -3.95 | - | -3.95 | 11.00 | -14.95 |
| | 996/s67 | -7.301 | -7.545 | -4.41 | - | -4.41 | 11.00 | -15.41 |

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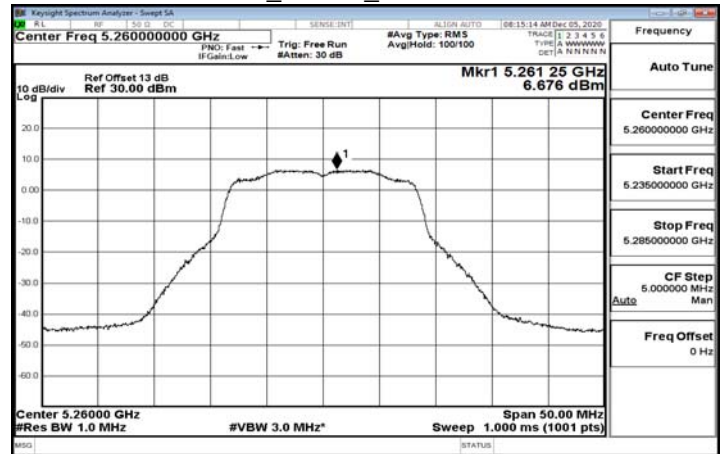
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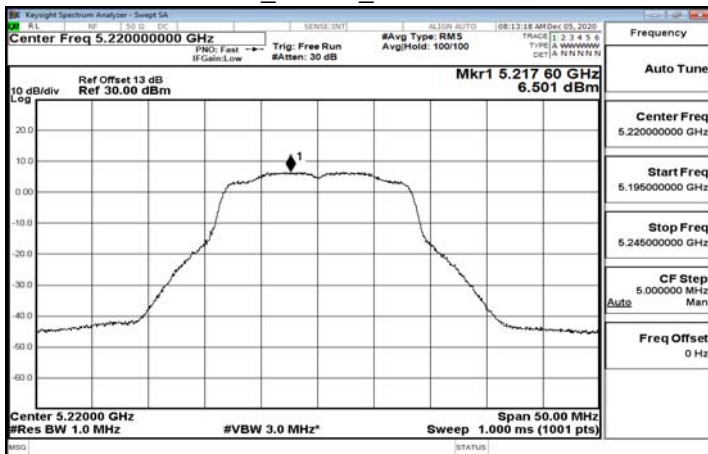
Ch0 802.11a_20MHz_5180MHz-5180



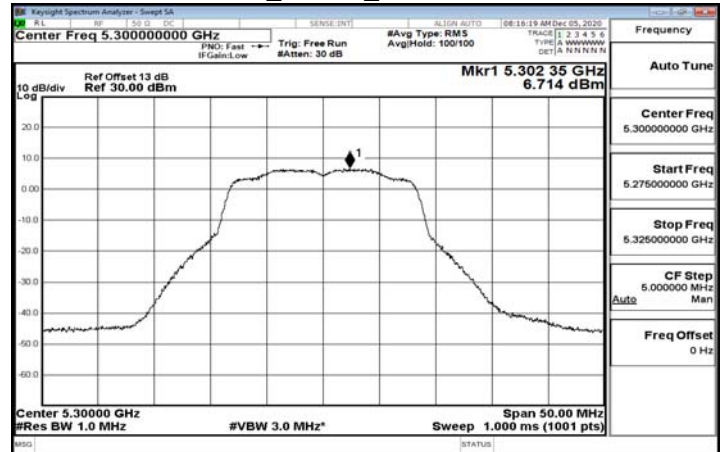
802.11a_20MHz_5260MHz-5260



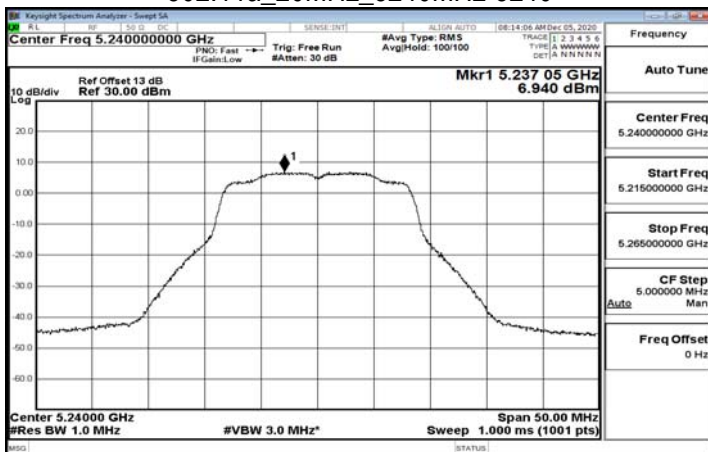
802.11a_20MHz_5220MHz-5220



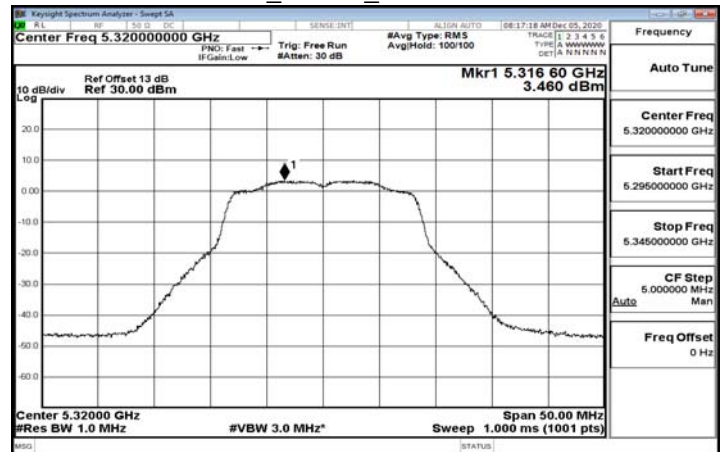
802.11a_20MHz_5300MHz-5300



802.11a_20MHz_5240MHz-5240



802.11a_20MHz_5320MHz-5320

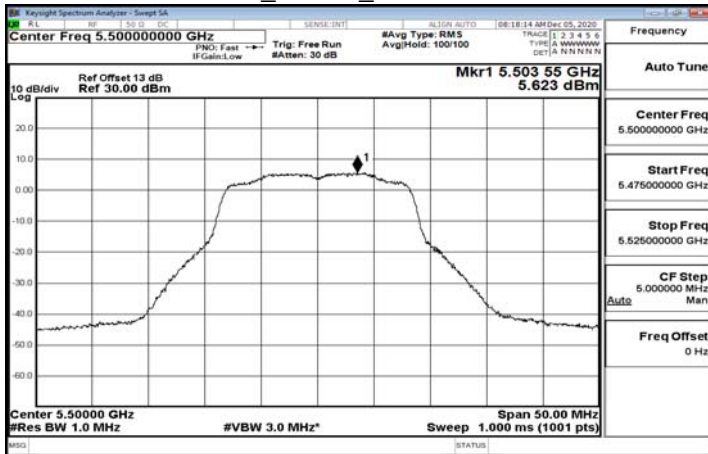


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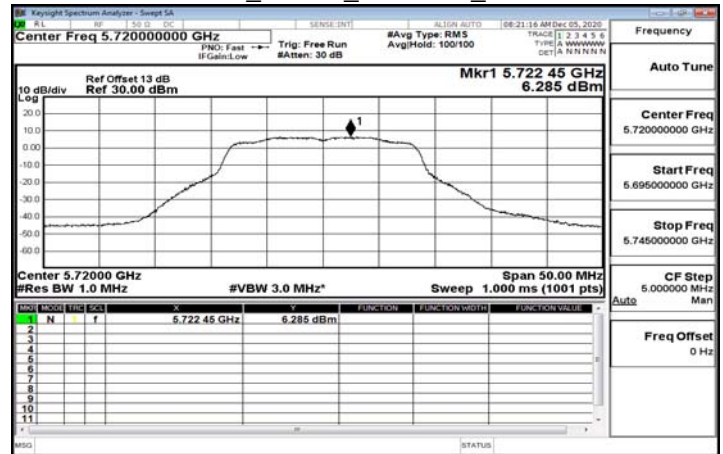
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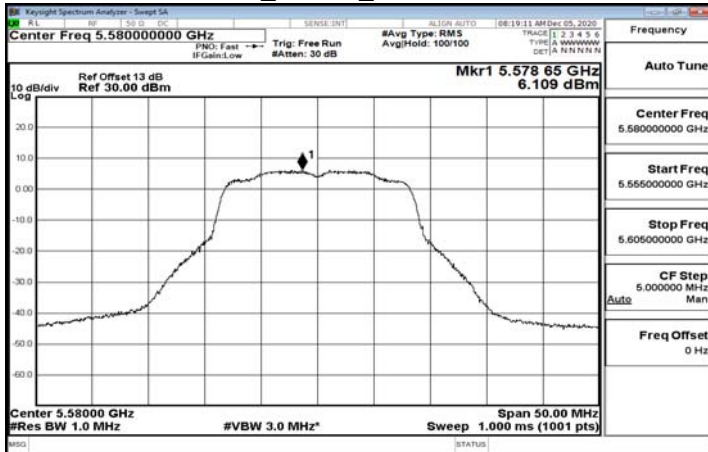
802.11a_20MHz_5500MHz-5500



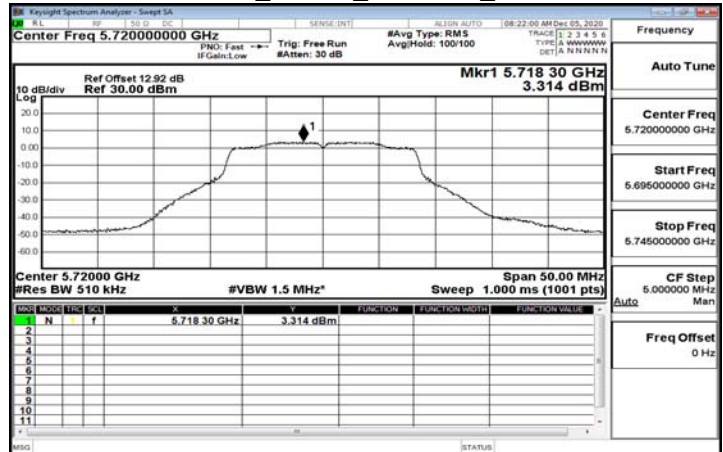
802.11a_20MHz_5720MHz_UNII 2C



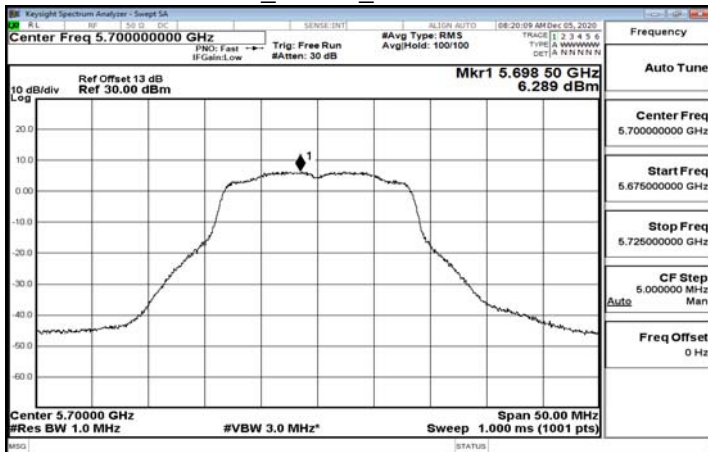
802.11a_20MHz_5580MHz-5580



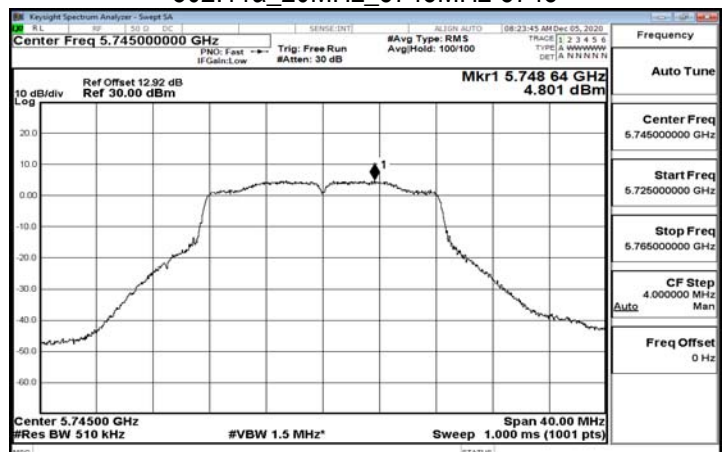
802.11a_20MHz_5720MHz_UNII 3



802.11a_20MHz_5700MHz-5700



802.11a_20MHz_5745MHz-5745

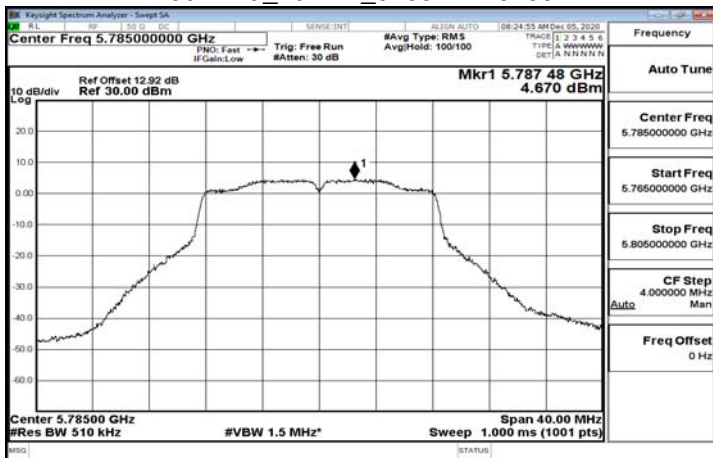


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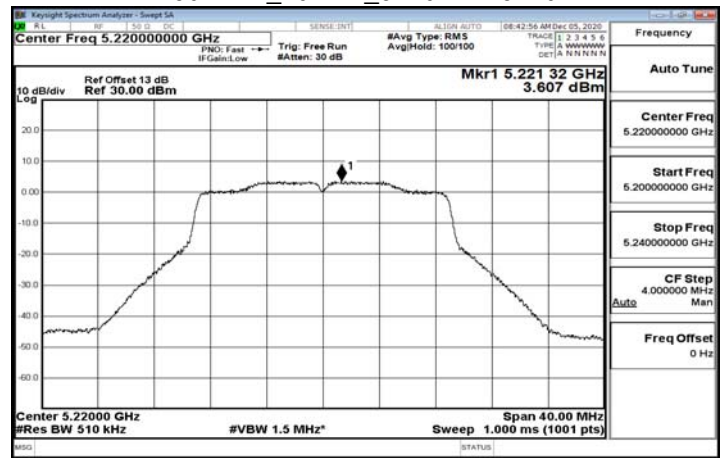
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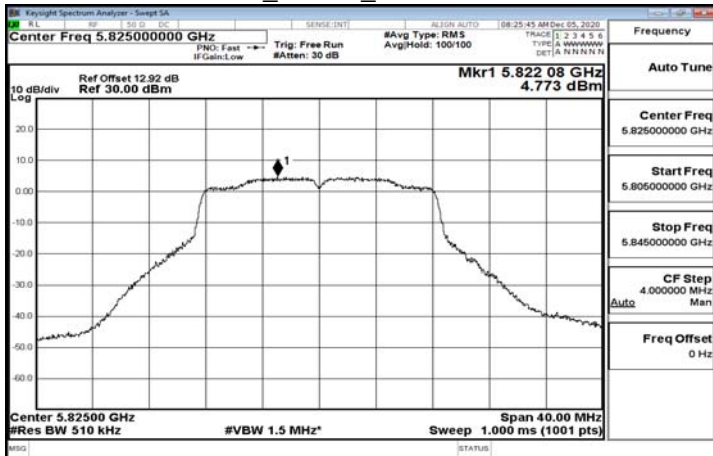
802.11a 20MHz 5785MHz-5785



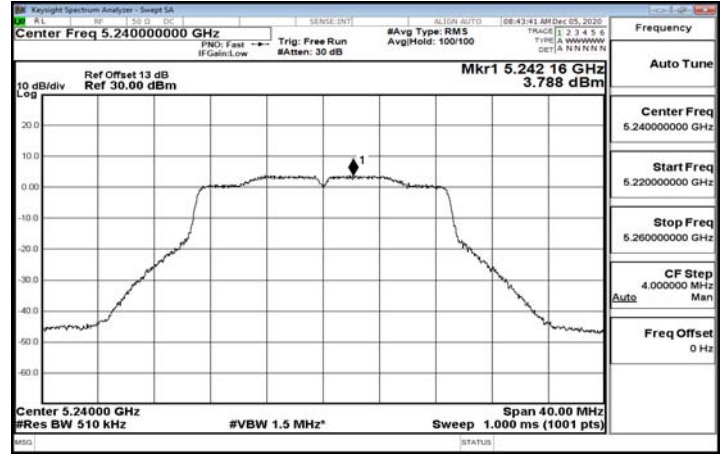
802.11n 20MHz 5220MHz-5220



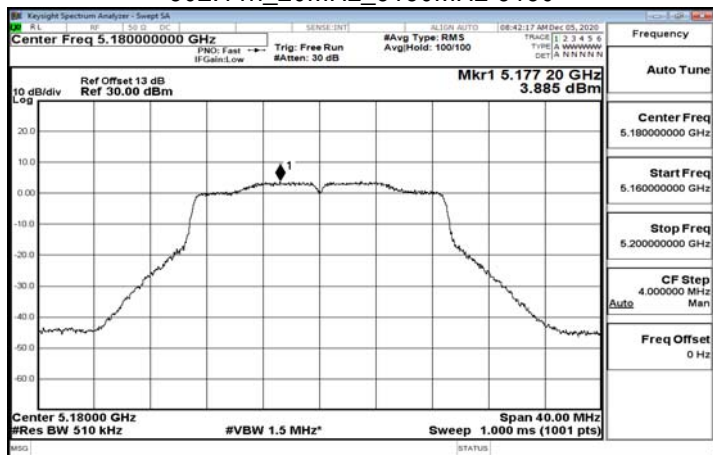
802.11a_20MHz_5825MHz-5825



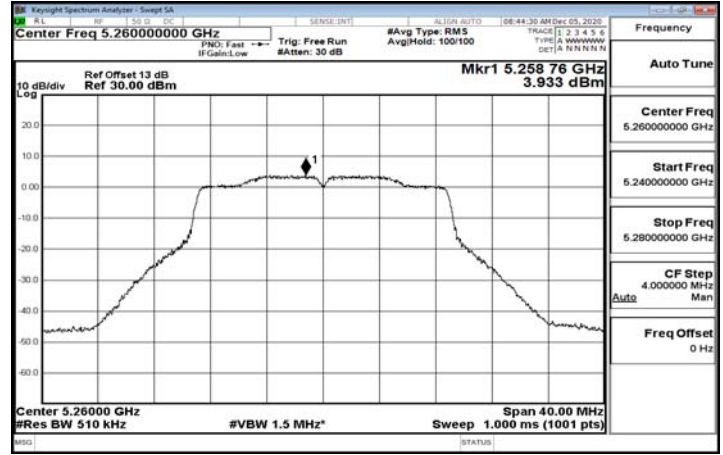
802.11n_20MHz_5240MHz-5240



802.11n 20MHz 5180MHz-5180



802.11n_20MHz_5260MHz-5260

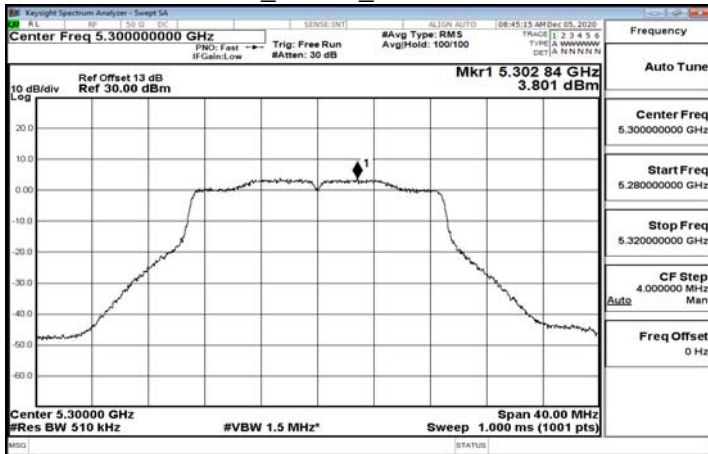


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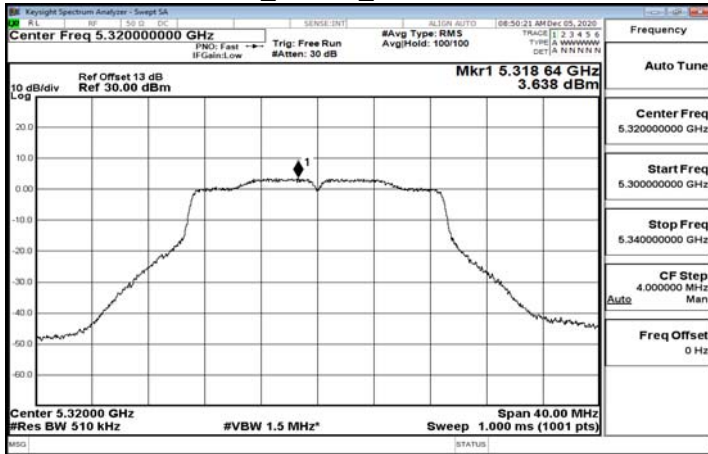
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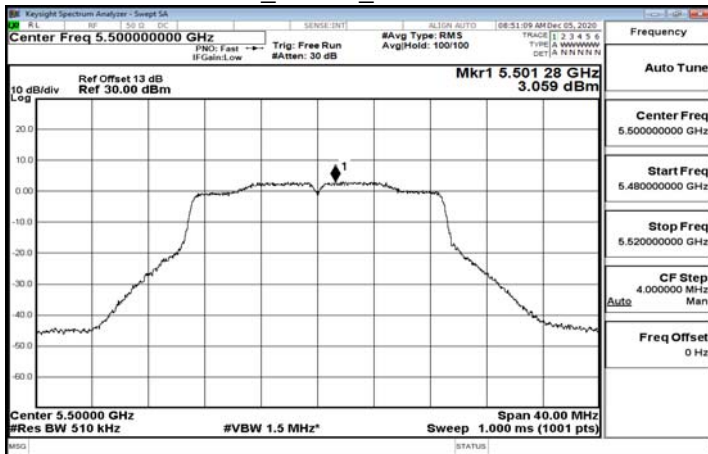
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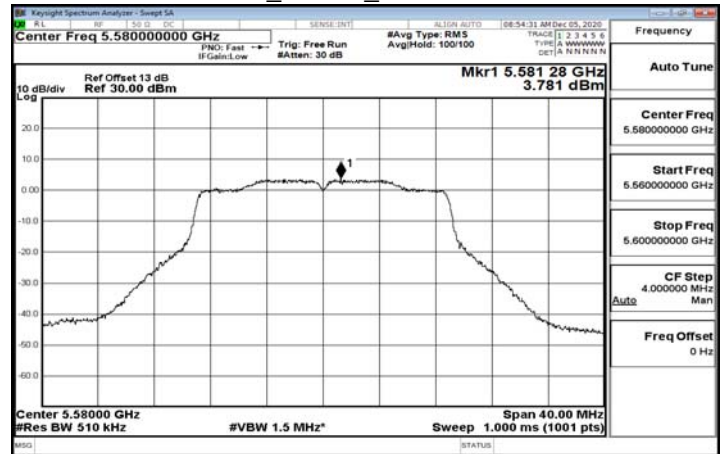
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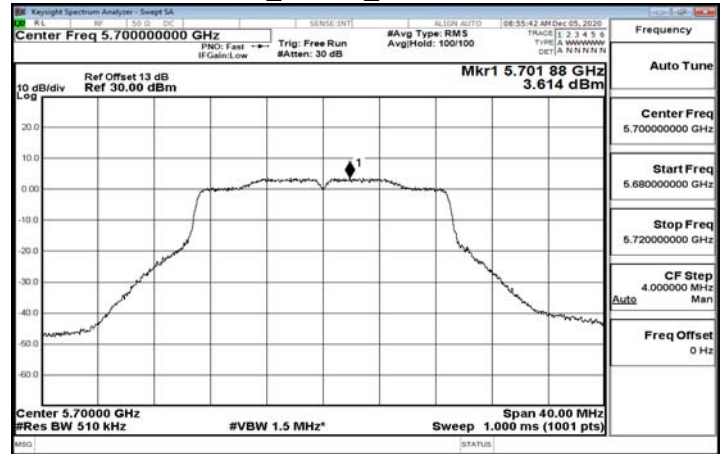
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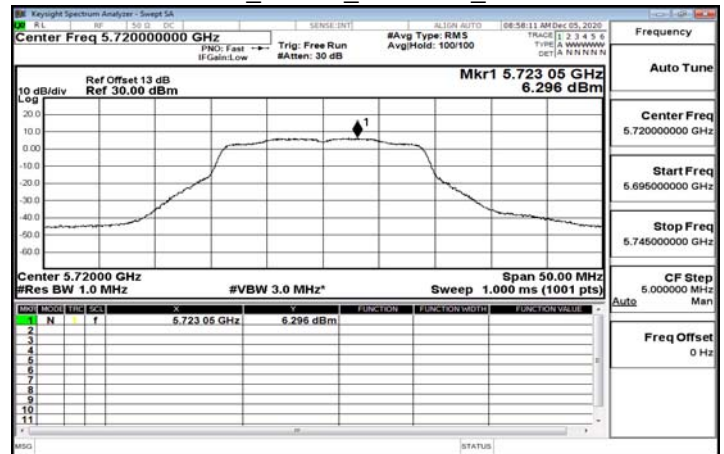
802.11n_20MHz_5580MHz-5580



802.11n_20MHz_5700MHz-5700



802.11n_20MHz_5720MHz_UNII 2C

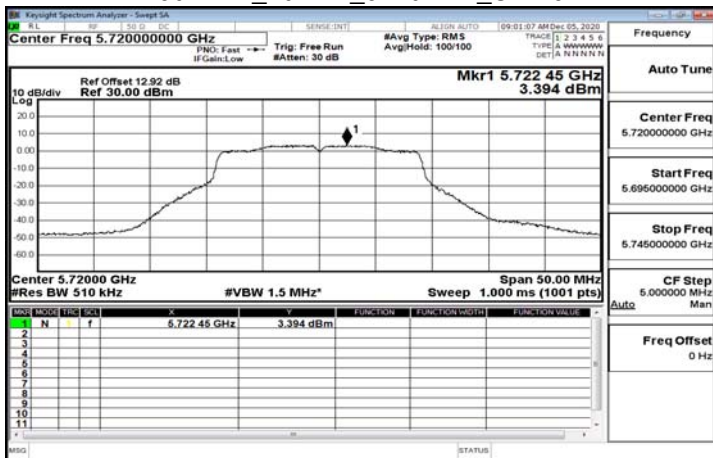


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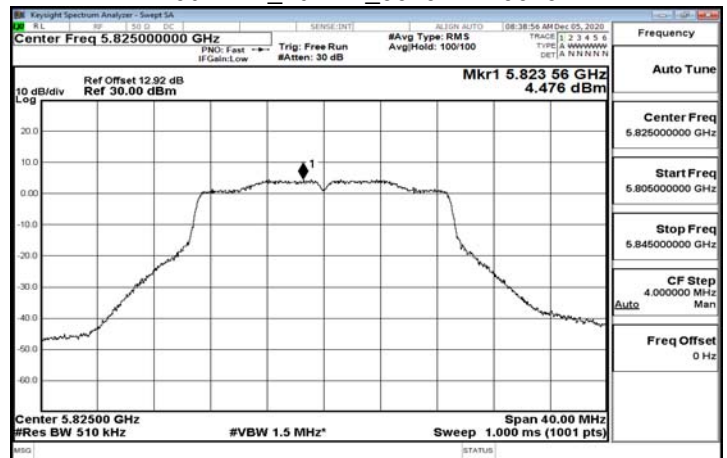
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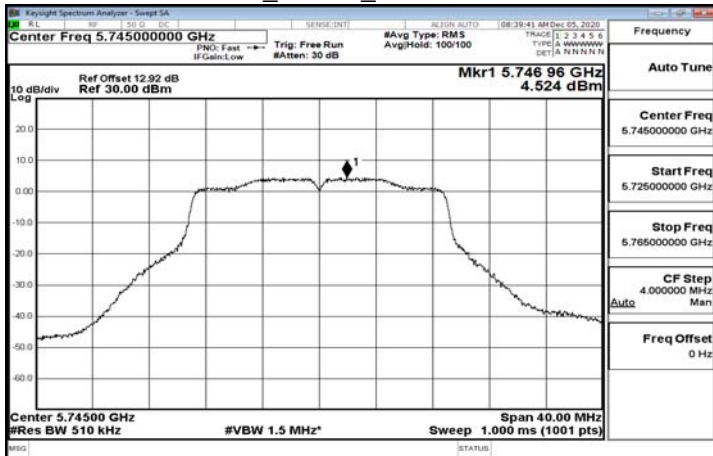
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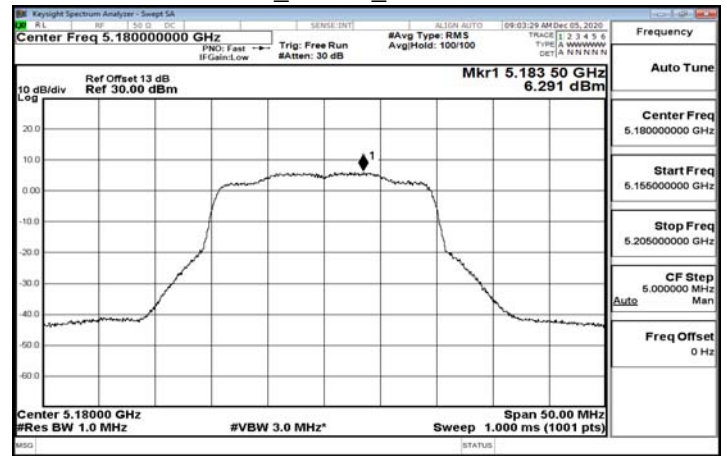
802.11n_20MHz_5825MHz-5825



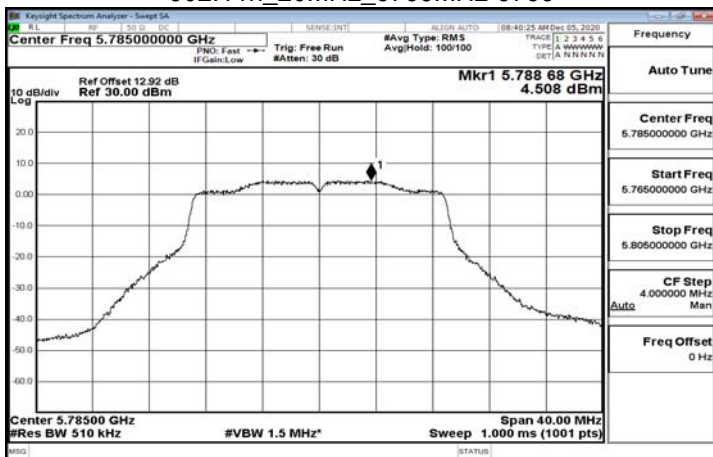
802.11n_20MHz_5745MHz-5745



802.11ax_20MHz_5180MHz-5180



802.11n_20MHz_5785MHz-5785



802.11ax_20MHz_5180MHz-106-53



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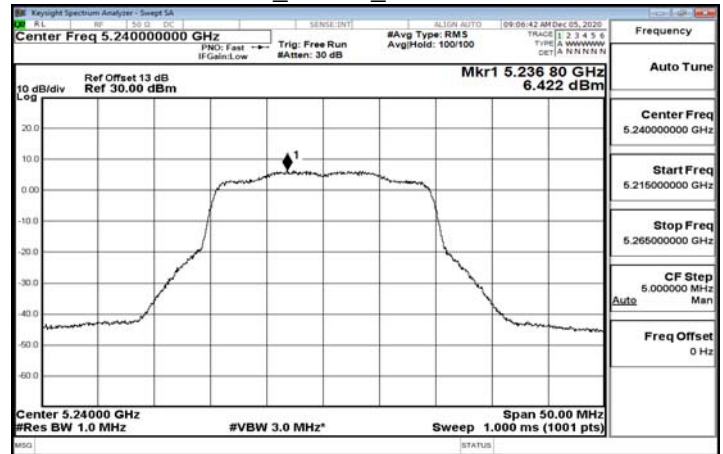
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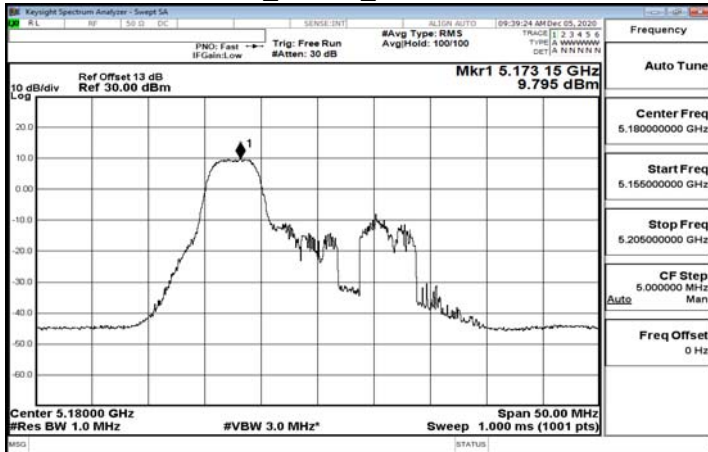
802.11ax_20MHz_5180MHz-26-0



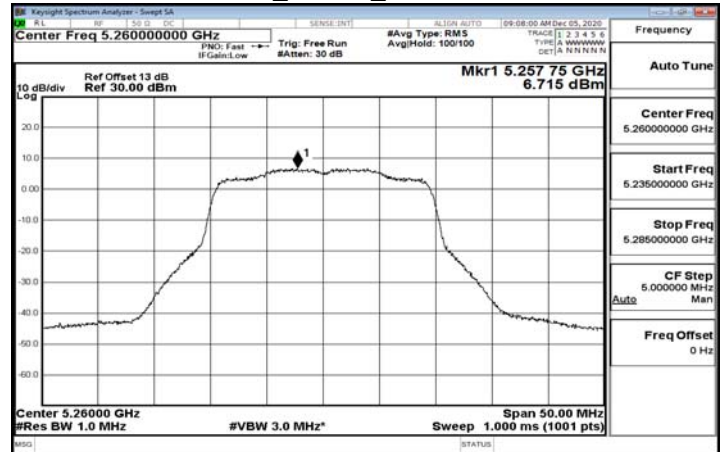
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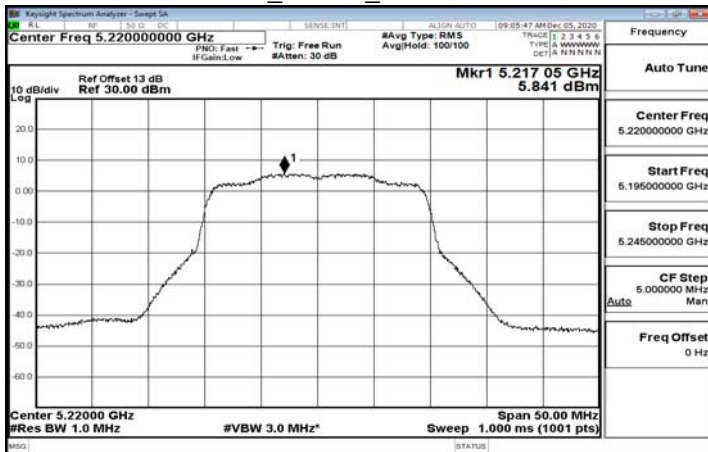
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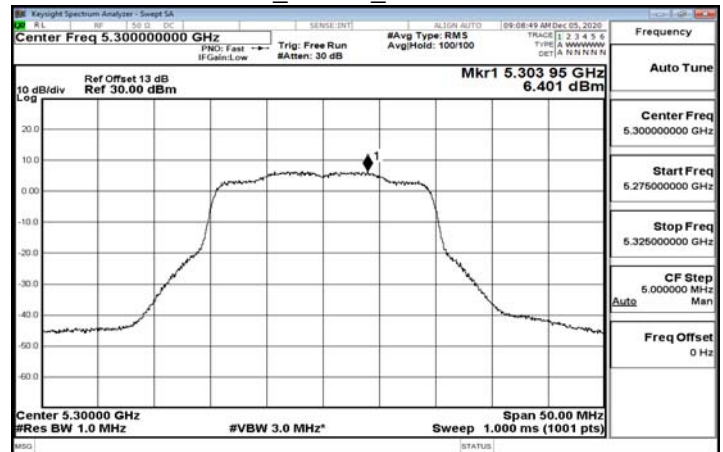
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802.11ax_20MHz_5220MHz-5220



802.11ax_20MHz_5300MHz-5300

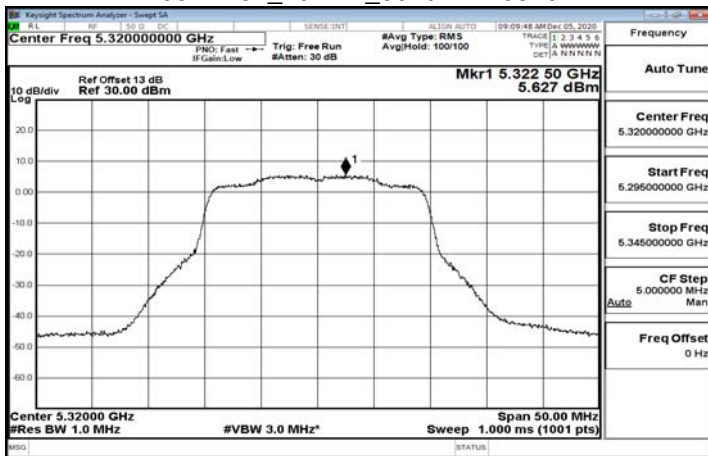


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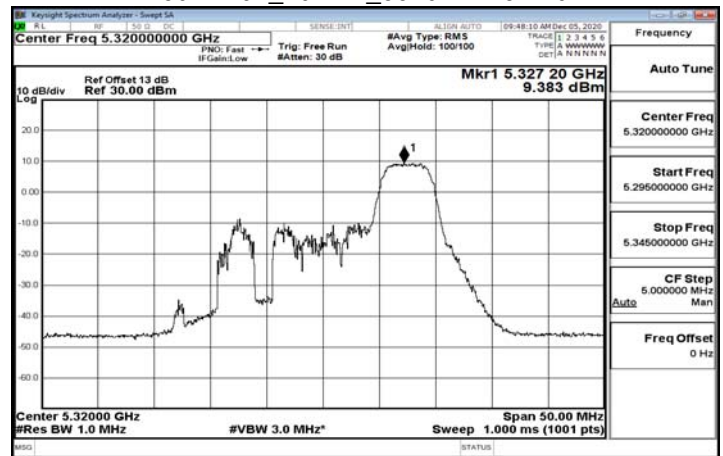
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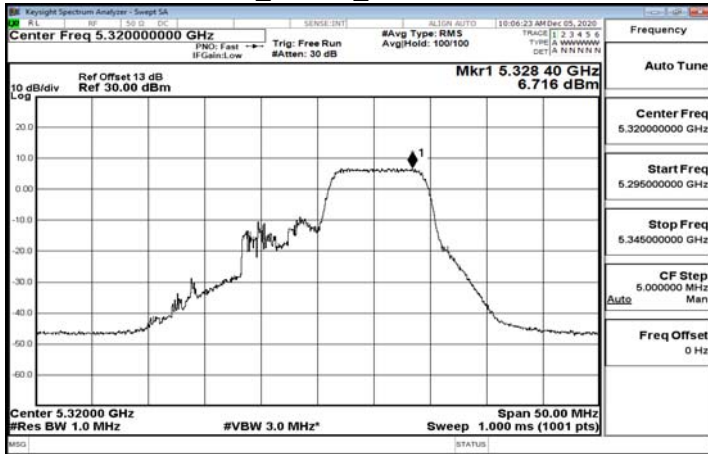
802.11ax_20MHz_5320MHz-5320



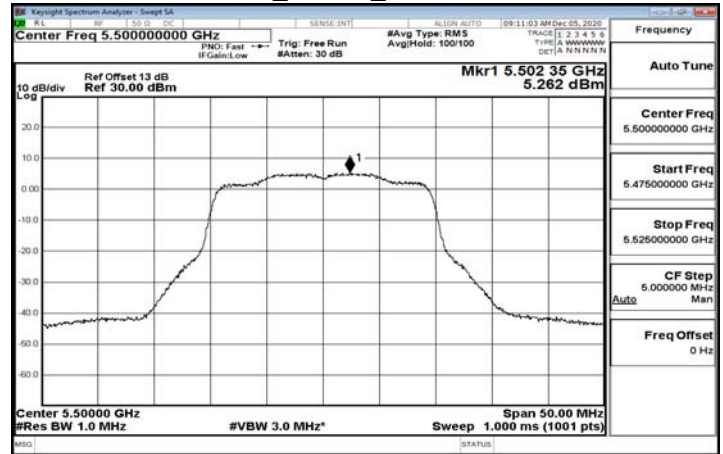
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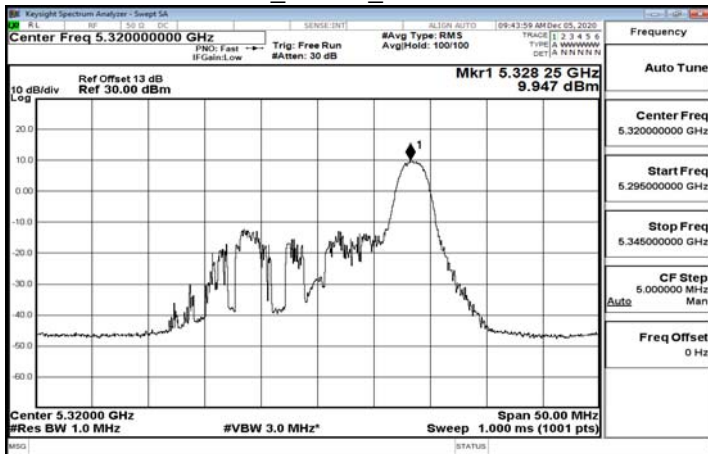
802.11ax_20MHz_5320MHz-106-54



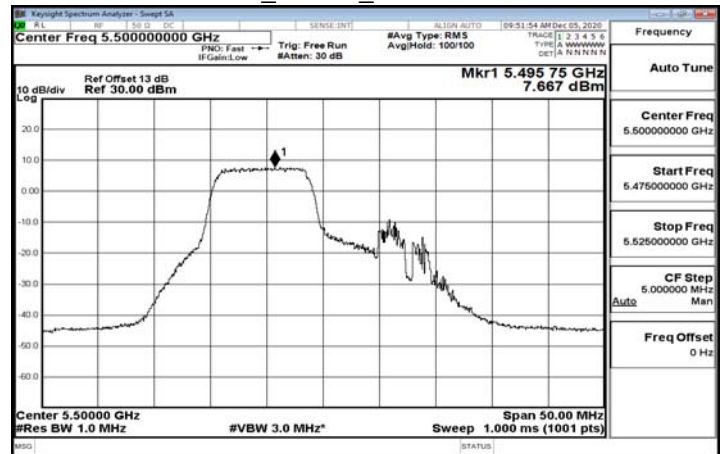
802.11ax_20MHz_5500MHz-5500



802.11ax_20MHz_5320MHz-26-8



802.11ax_20MHz_5500MHz-106-53

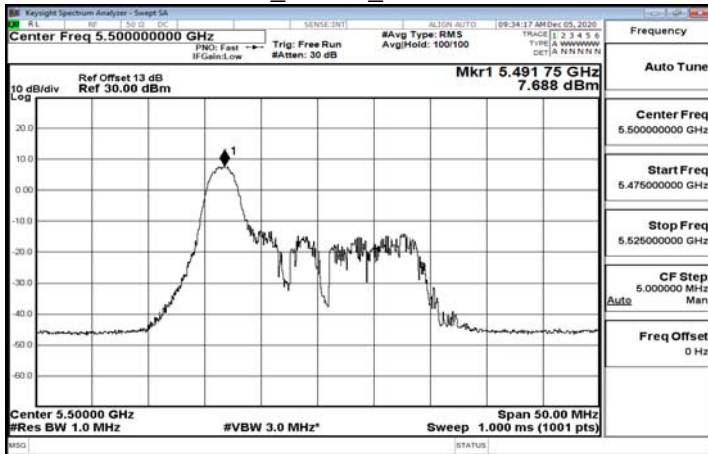


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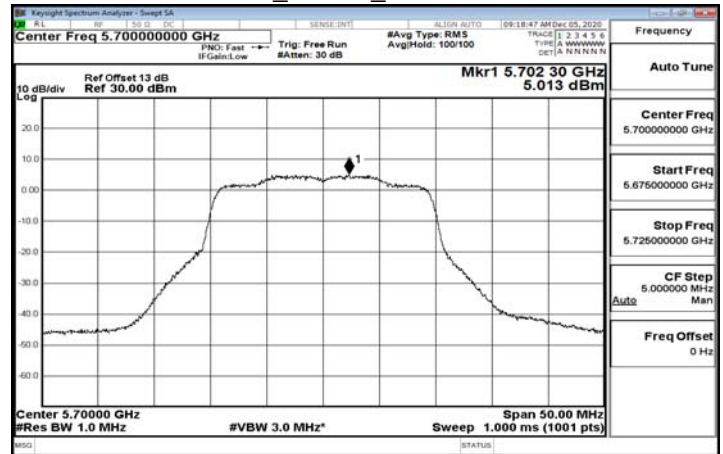
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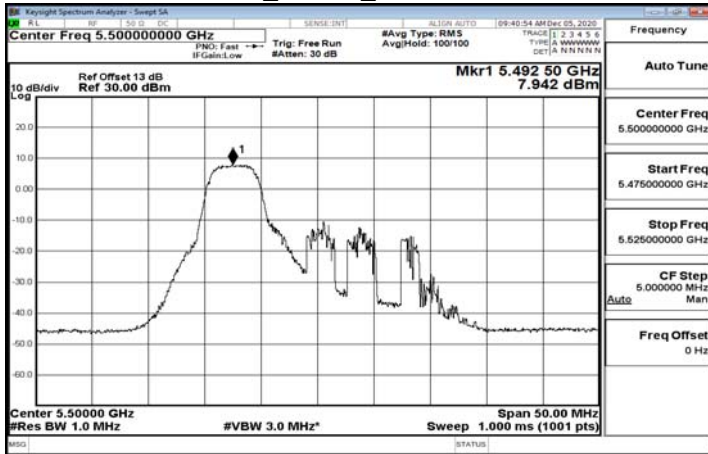
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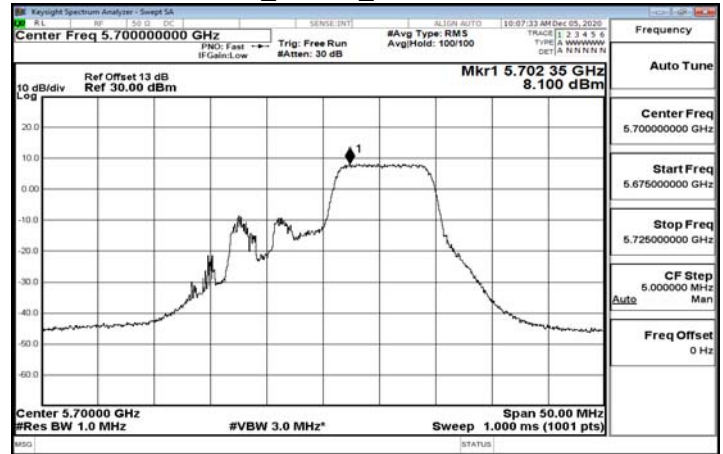
802.11ax_20MHz_5700MHz-5700



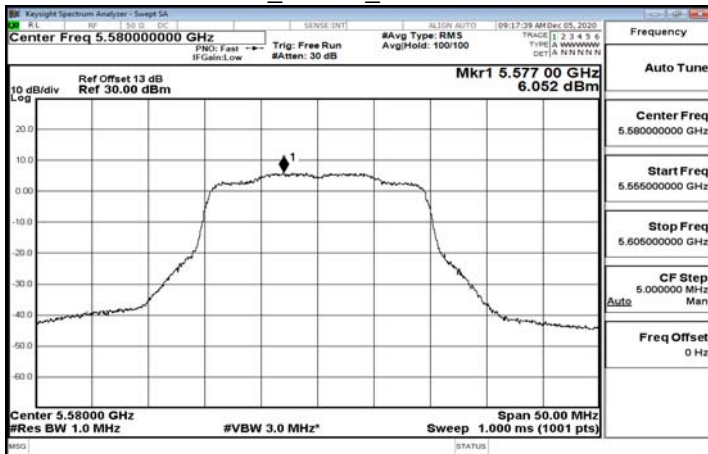
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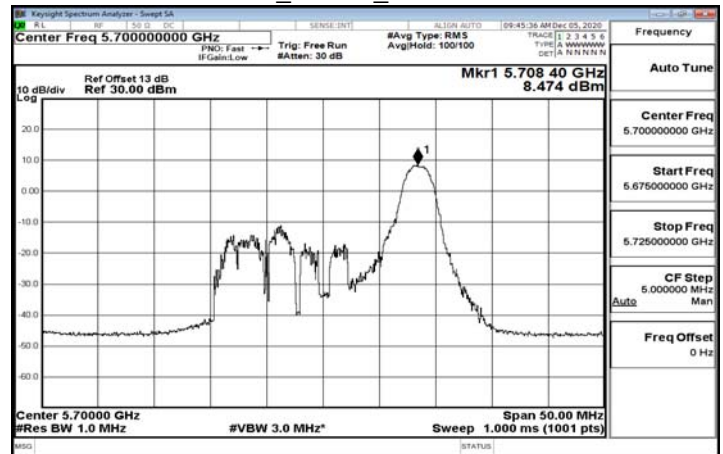
802.11ax_20MHz_5700MHz-106-54



802.11ax_20MHz_5580MHz-5580



802.11ax_20MHz_5700MHz-26-8



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