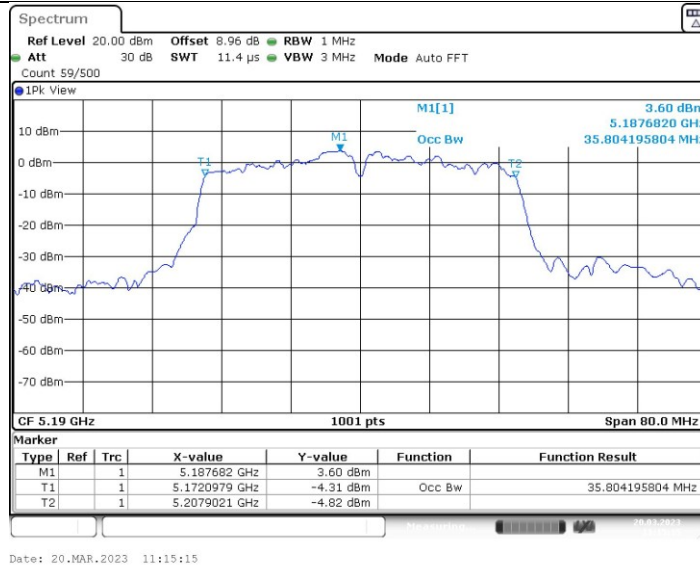
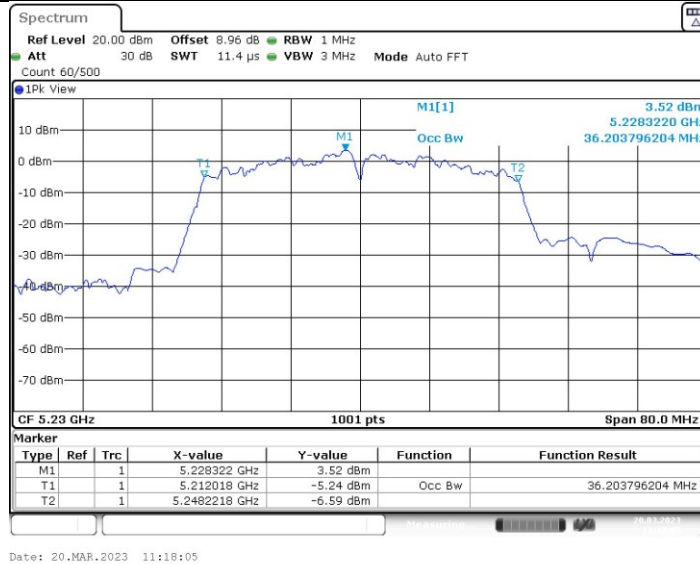
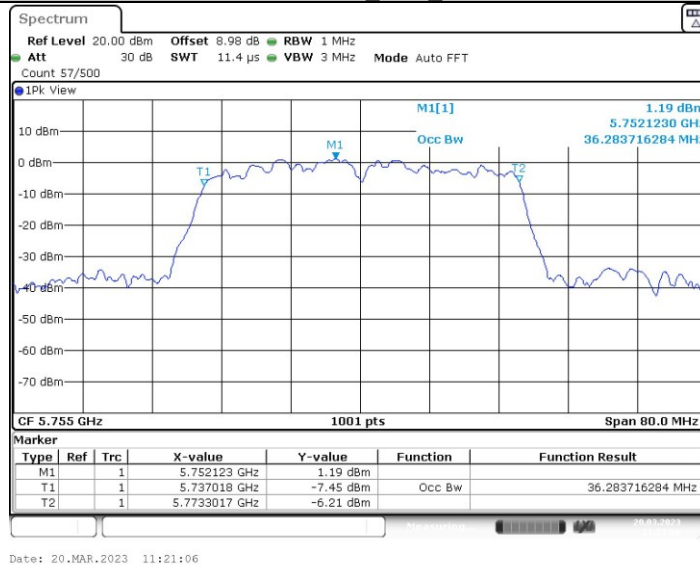




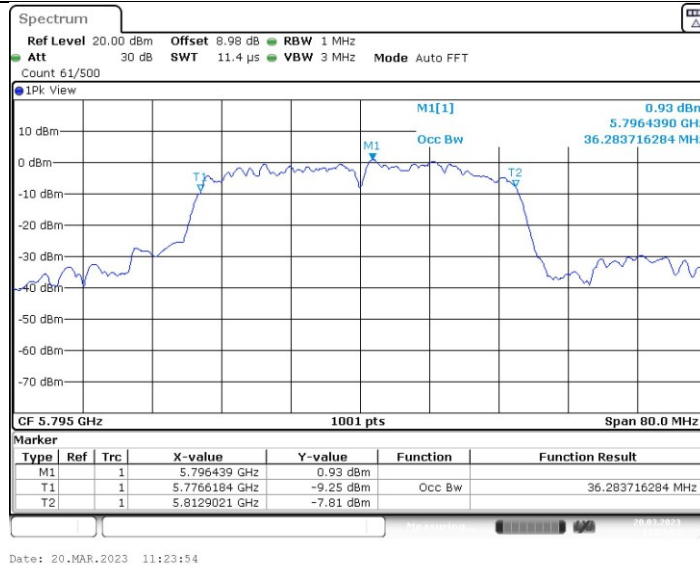
11AC40SISO\_Ant1\_5230



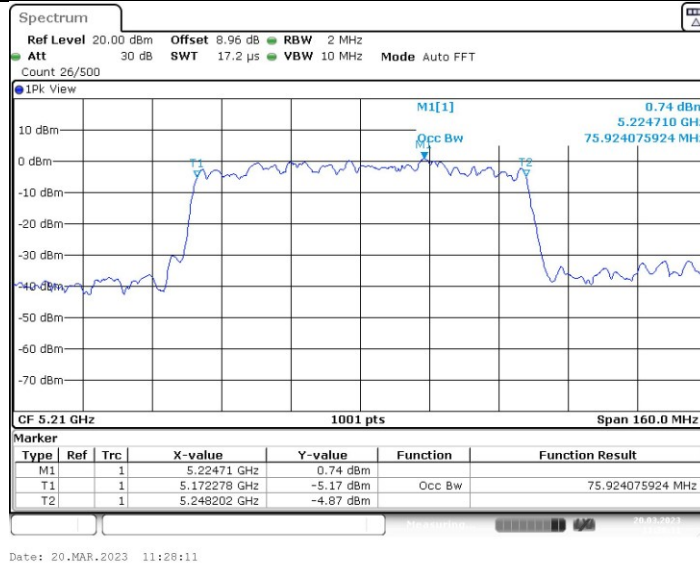
11AC40SISO\_Ant1\_5755



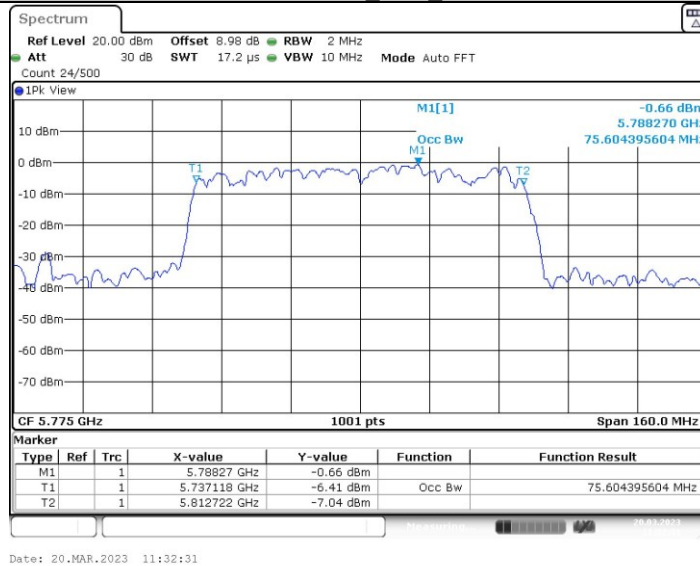
11AC40SISO\_Ant1\_5795



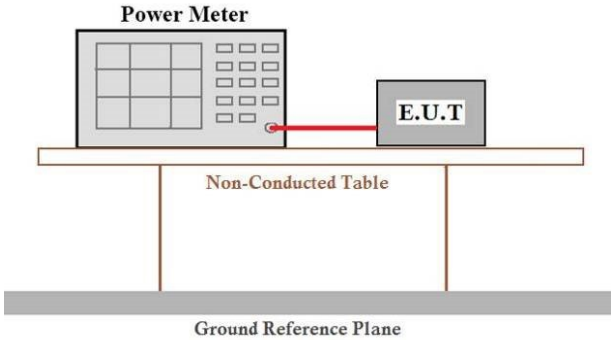
## 11AC80SISO Ant1 5210



## 11AC80SISO Ant1 5775



#### 4.4 Peak Transmit Power

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC Part15 E Section 15.407                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Method:      | KDB 789033 D02 General UNII Test Procedures New Rules v02r01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Limit:            | For the band 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 250mW.<br>For the band 5.725-5.85GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 1W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Test setup:       |  <p>The diagram illustrates the test setup. A 'Power Meter' is connected to an 'E.U.T.' (Equipment Under Test) via a red cable. Both the Power Meter and the E.U.T. are placed on a 'Non-Conducted Table'. This table is supported by a 'Ground Reference Plane'.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Test procedure:   | <p><b>Measurement using an RF average power meter</b></p> <ul style="list-style-type: none"> <li>(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied <ul style="list-style-type: none"> <li>a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.</li> <li>b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.</li> <li>c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.</li> </ul> </li> <li>(ii) If the transmitter does not transmit continuously, measure the duty cycle, <math>x</math>, of the transmitter output signal as described in section B).</li> <li>(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.</li> <li>(iv) Adjust the measurement in dBm by adding <math>10 \log(1/x)</math> where <math>x</math> is the duty cycle (e.g., <math>10 \log(1/0.25)</math> if the duty cycle is 25 percent).</li> </ul> |
| Test Instruments: | Refer to section 5.10 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test mode:        | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

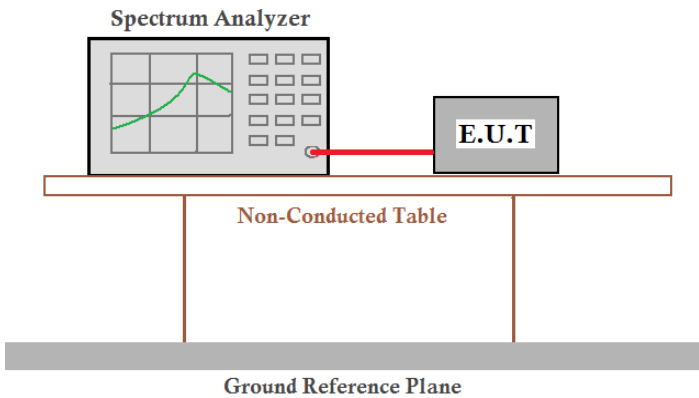
**Measurement Data****Band 1 (5150-5250 MHz)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 17.47                 | 0                | 17.47             | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 18.03                 | 0                | 18.03             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 17.36                 | 0                | 17.36             | 24          | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 16.31                 | 0                | 16.31             | 24          | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 16.94                 | 0                | 16.94             | 24          | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 17.21                 | 0                | 17.21             | 24          | Pass    |
| NVNT      | ac40 | 5190            | Ant1    | 17.49                 | 0                | 17.49             | 24          | Pass    |
| NVNT      | ac40 | 5230            | Ant1    | 16.81                 | 0                | 16.81             | 24          | Pass    |
| NVNT      | ac80 | 5210            | Ant1    | 18.14                 | 0                | 18.14             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 15.99                 | 0                | 15.99             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 17.79                 | 0                | 17.79             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 17.64                 | 0                | 17.64             | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 18.17                 | 0                | <b>18.17</b>      | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 18.02                 | 0                | 18.02             | 24          | Pass    |

**Band 4 (5725 – 5850 MHz)**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 17.41                 | 0                | 17.41             | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 17.98                 | 0                | 17.98             | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 17.36                 | 0                | 17.36             | 30          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 16.34                 | 0                | 16.34             | 30          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 16.81                 | 0                | 16.81             | 30          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.16                 | 0                | 17.16             | 30          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 17.52                 | 0                | 17.52             | 30          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 16.91                 | 0                | 16.91             | 30          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 18.62                 | 0                | <b>18.62</b>      | 30          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 15.99                 | 0                | 15.99             | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.89                 | 0                | 17.89             | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.75                 | 0                | 17.75             | 30          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 18.11                 | 0                | 18.11             | 30          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 17.8                  | 0                | 17.8              | 30          | Pass    |

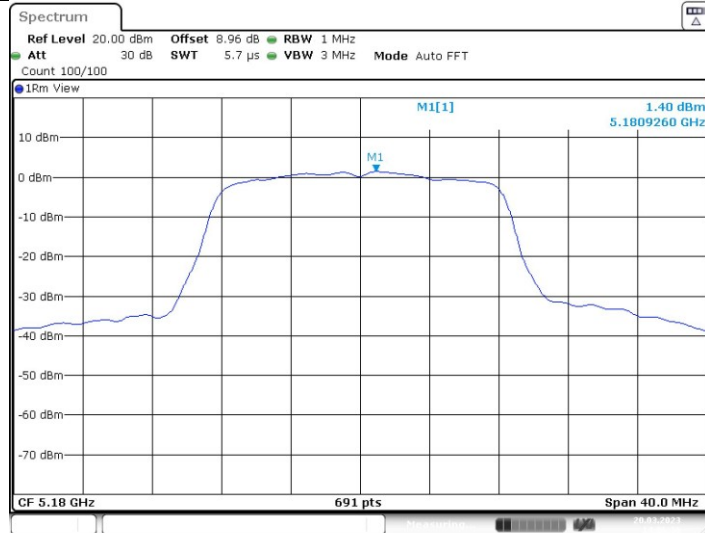
#### 4.5 Power Spectral Density

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC Part15 E Section 15.407                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Test Method:      | KDB 789033 D02 General UNII Test Procedures New Rules v02r01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Limit:            | $\leq 11.00\text{dBm/MHz}$ for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz<br>$\leq 30.00\text{dBm/500KHz}$ for 5725MHz-5850MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Test setup:       |  <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Test procedure:   | <ol style="list-style-type: none"> <li>1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power...".</li> <li>2) Use the peak search function on the instrument to find the peak of the spectrum.</li> <li>3) Make the following adjustments to the peak value of the spectrum, if applicable: <ol style="list-style-type: none"> <li>a) If Method SA-2 or SA-2 Alternative was used, add <math>10 \log(1/x)</math>, where <math>x</math> is the duty cycle, to the peak of the spectrum.</li> <li>b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.</li> </ol> </li> <li>4) The result is the PSD.</li> </ol> |
| Test Instruments: | Refer to section 5.10 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Test mode:        | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Measurement Data**

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5180      | 1.4              | ≤11.00         | PASS    |
|            |         | 5200      | -0.84            | ≤11.00         | PASS    |
|            |         | 5240      | -1.84            | ≤11.00         | PASS    |
|            |         | 5745      | -5.37            | ≤30.00         | PASS    |
|            |         | 5785      | -6.45            | ≤30.00         | PASS    |
|            |         | 5825      | -6.07            | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5180      | -1.2             | ≤11.00         | PASS    |
|            |         | 5200      | -1.96            | ≤11.00         | PASS    |
|            |         | 5240      | -2.31            | ≤11.00         | PASS    |
|            |         | 5745      | -5.86            | ≤30.00         | PASS    |
|            |         | 5785      | -6.72            | ≤30.00         | PASS    |
|            |         | 5825      | -6.27            | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5190      | -4.41            | ≤11.00         | PASS    |
|            |         | 5230      | -4.35            | ≤11.00         | PASS    |
|            |         | 5755      | -9.03            | ≤30.00         | PASS    |
|            |         | 5795      | -9.17            | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5180      | -1.31            | ≤11.00         | PASS    |
|            |         | 5200      | -1.79            | ≤11.00         | PASS    |
|            |         | 5240      | -2.06            | ≤11.00         | PASS    |
|            |         | 5745      | -5.72            | ≤30.00         | PASS    |
|            |         | 5785      | -6.84            | ≤30.00         | PASS    |
|            |         | 5825      | -6.48            | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5190      | -3.63            | ≤11.00         | PASS    |
|            |         | 5230      | -4.08            | ≤11.00         | PASS    |
|            |         | 5755      | -8.86            | ≤30.00         | PASS    |
|            |         | 5795      | -10.11           | ≤30.00         | PASS    |
| 11AC80SISO | Ant1    | 5210      | -8.4             | ≤11.00         | PASS    |
|            |         | 5775      | -11.7            | ≤30.00         | PASS    |

## 11A\_Ant1\_5180



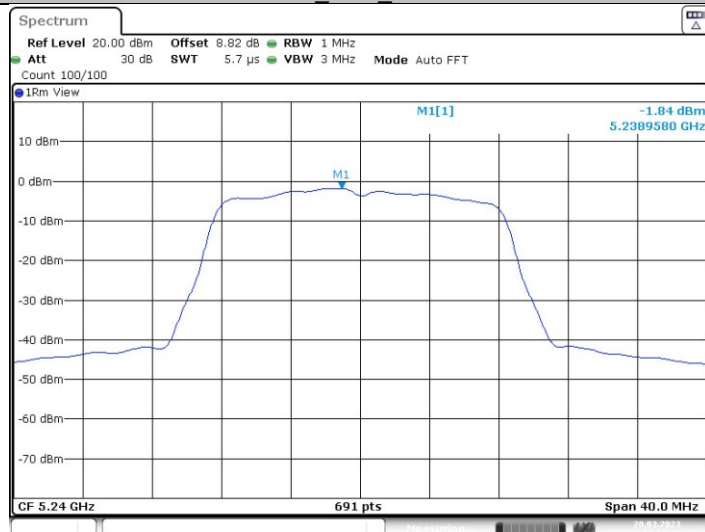
Date: 20.MAR.2023 14:06:37

## 11A\_Ant1\_5200



Date: 20.MAR.2023 14:10:12

## 11A\_Ant1\_5240



Date: 20.MAR.2023 14:11:09

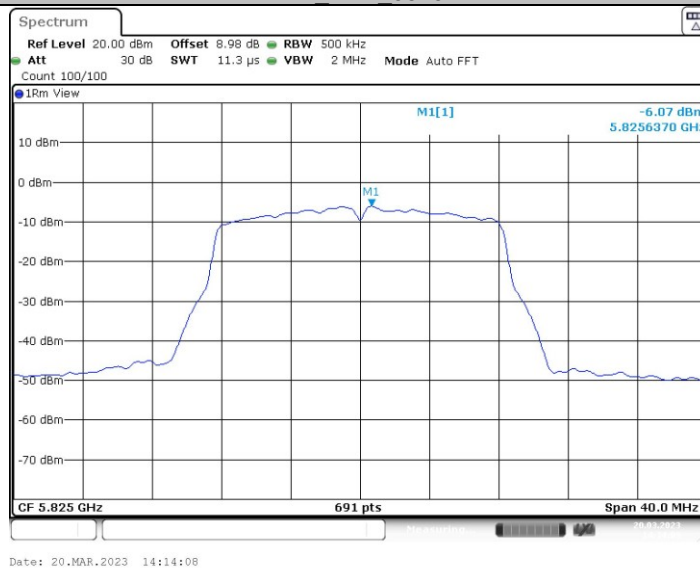
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11A Ant1 5785

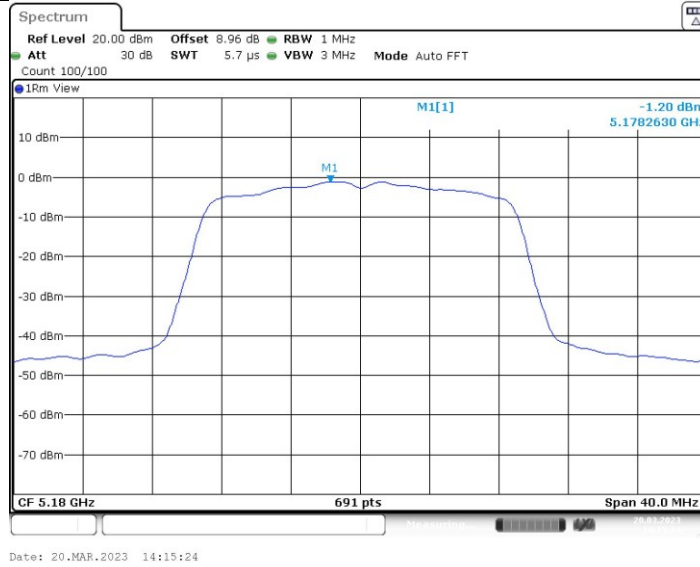


11A Ant1 5825

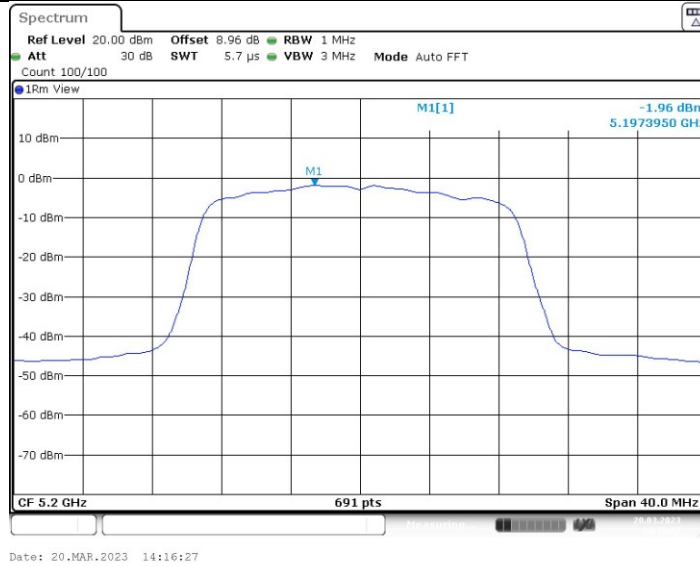


11N20SISO Ant1 5180

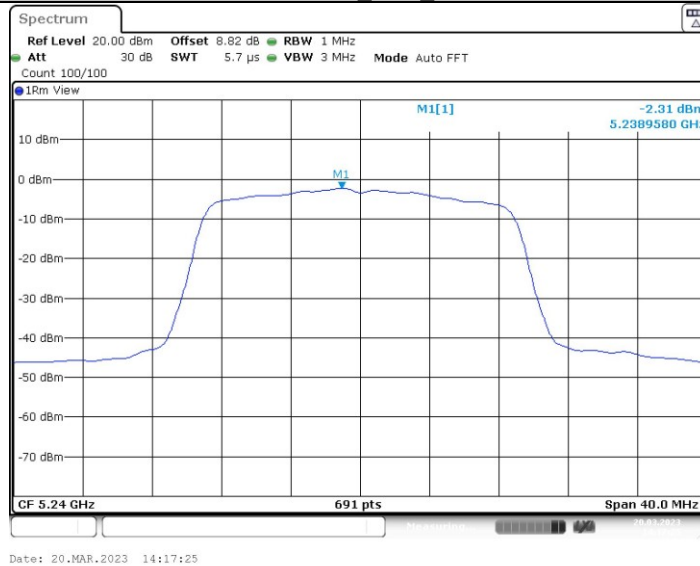




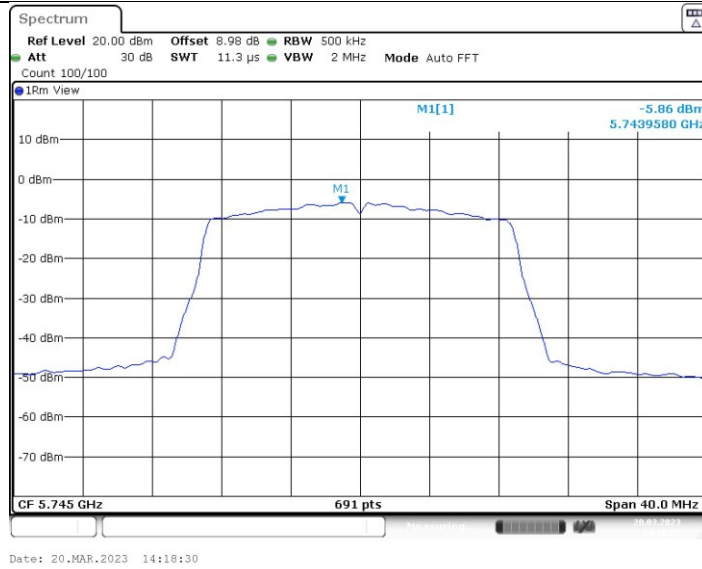
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11N20SISO\_Ant1\_5240



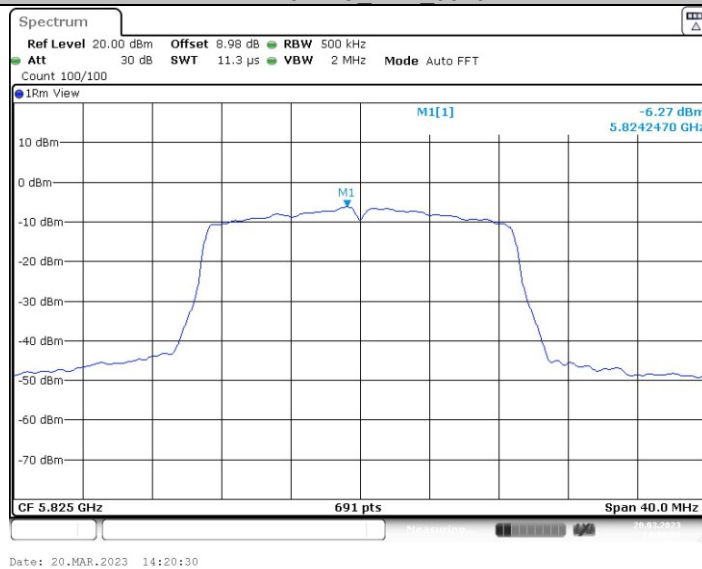
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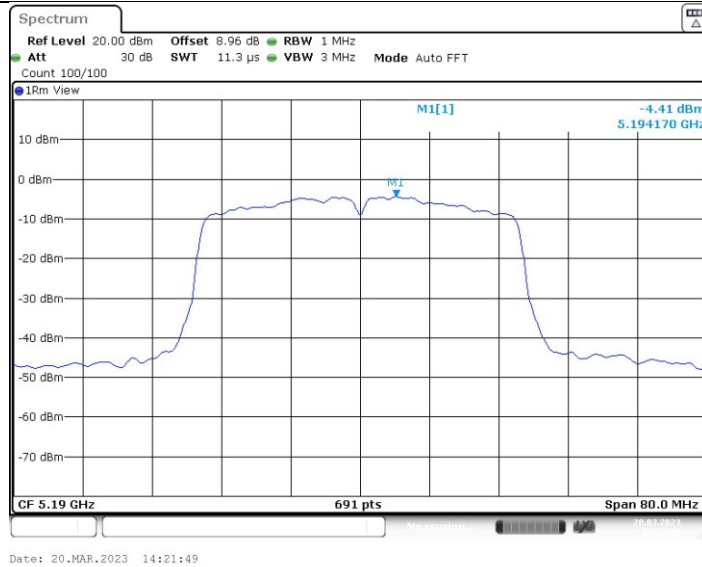
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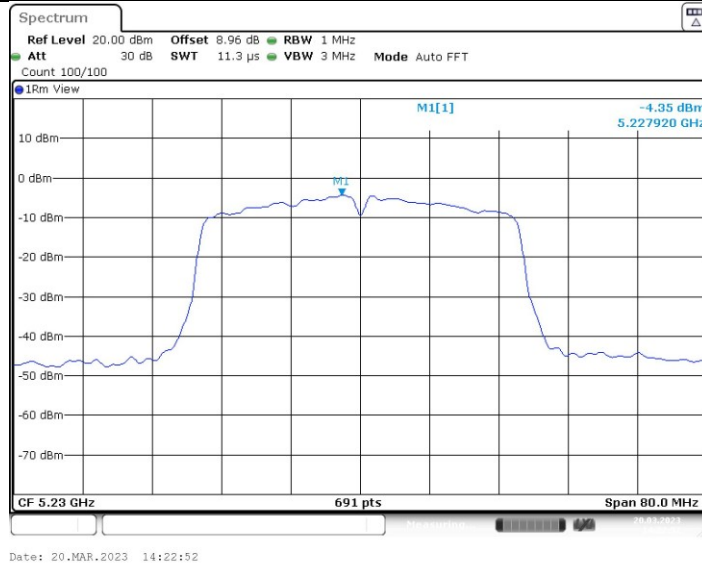
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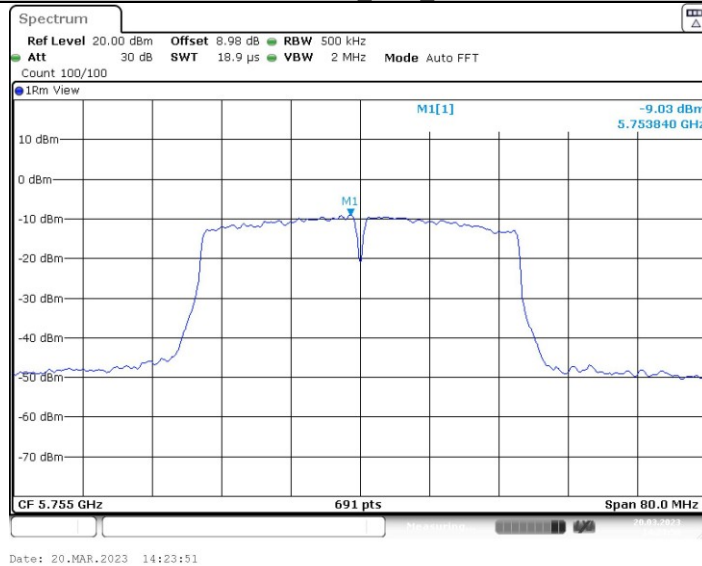
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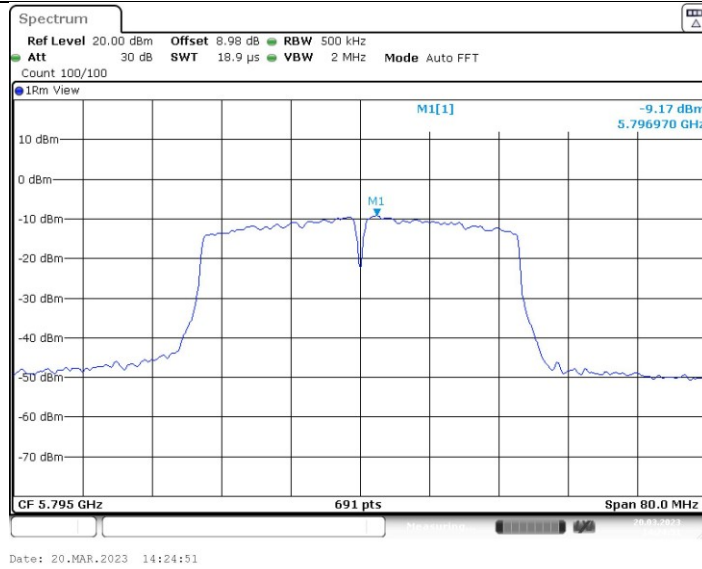
11N40SISO\_Ant1\_5230



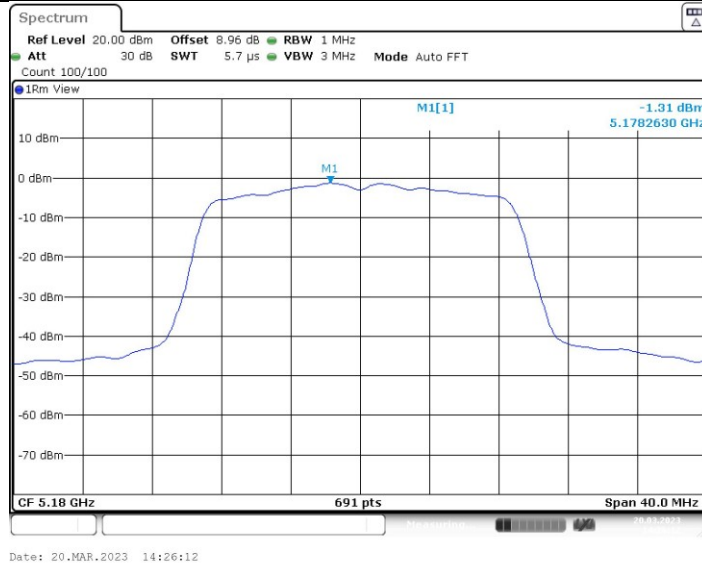
11N40SISO\_Ant1\_5755



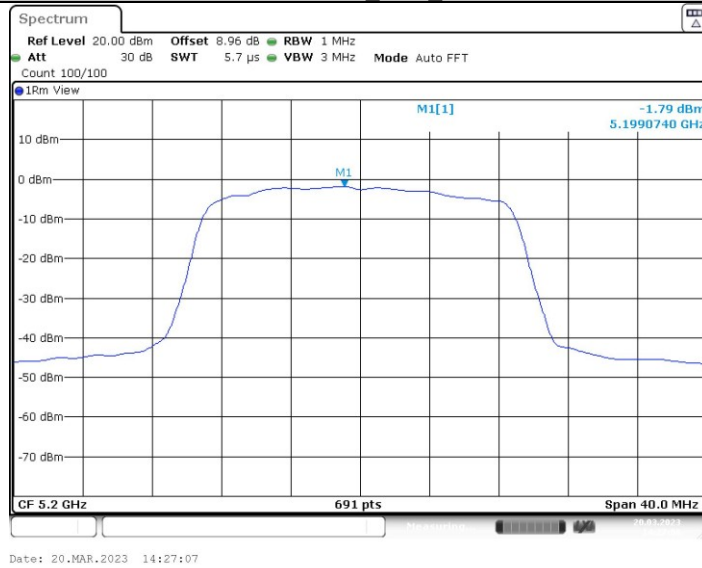
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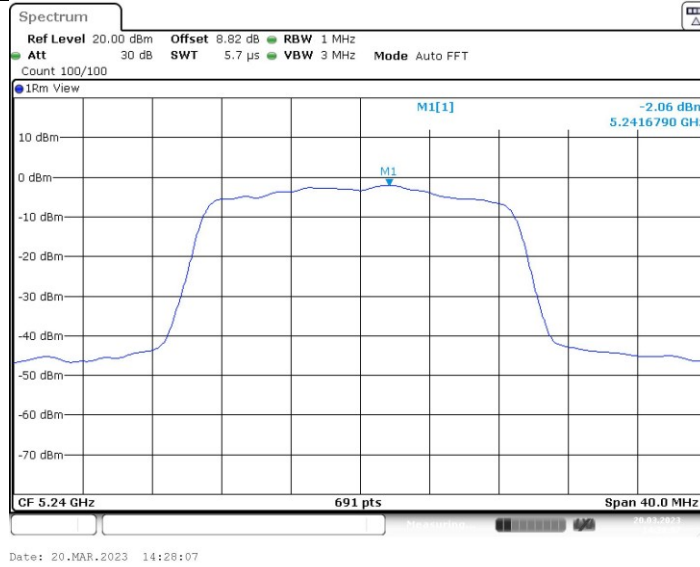
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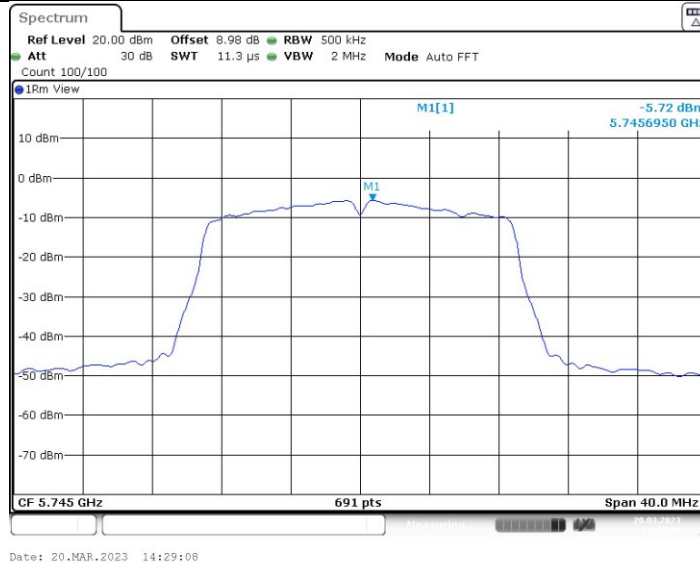
11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



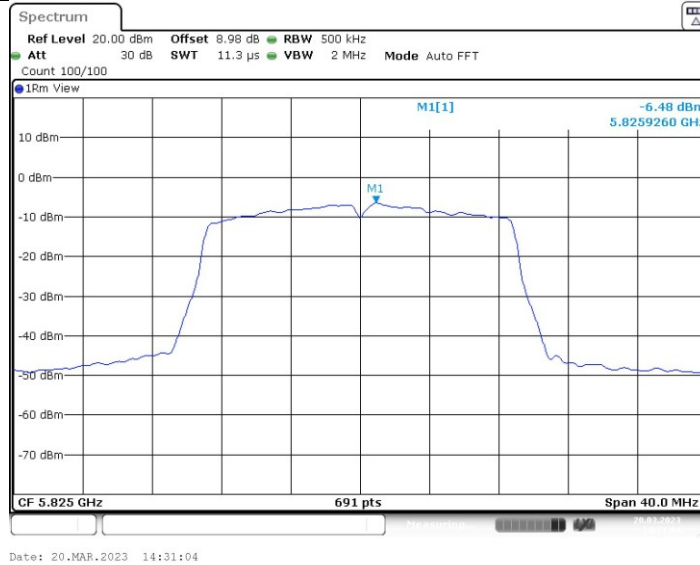
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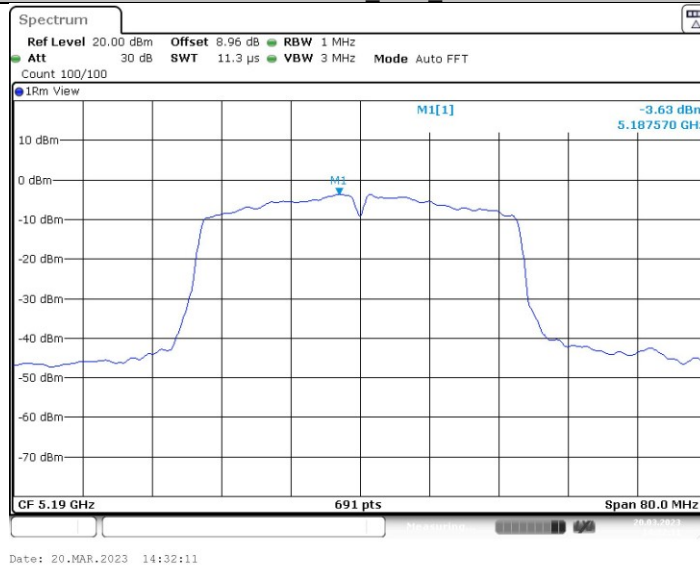
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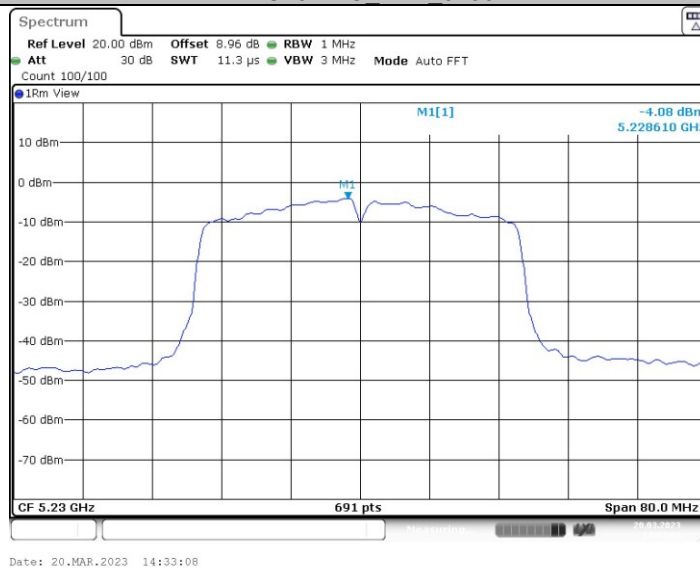
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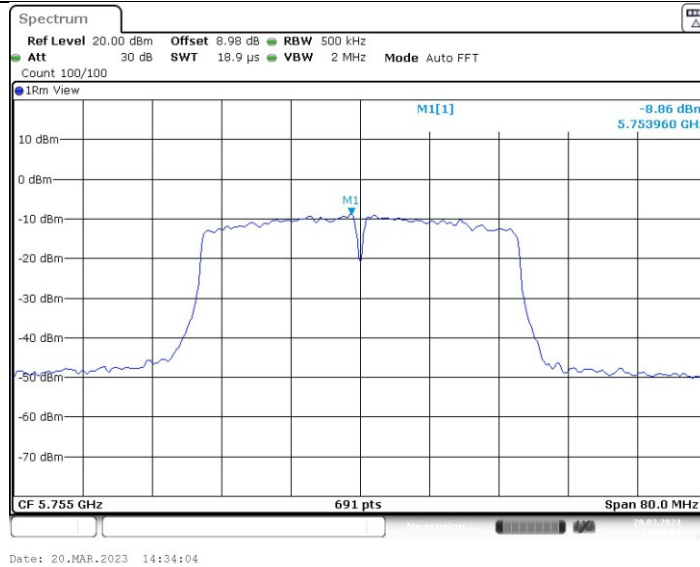
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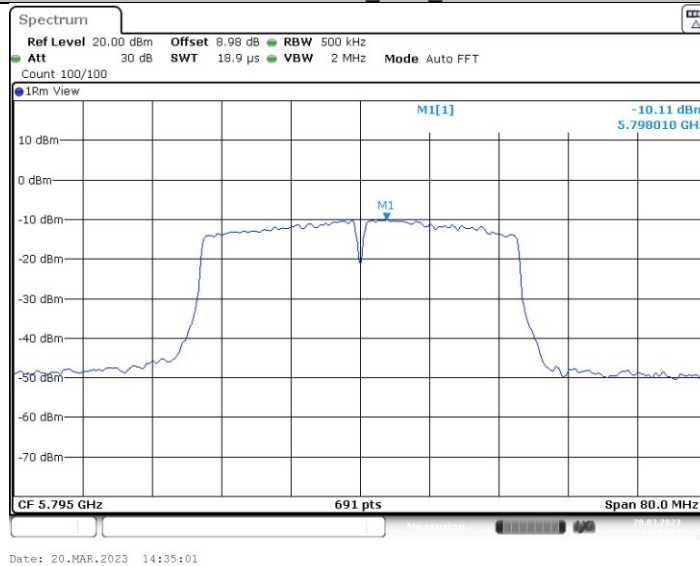
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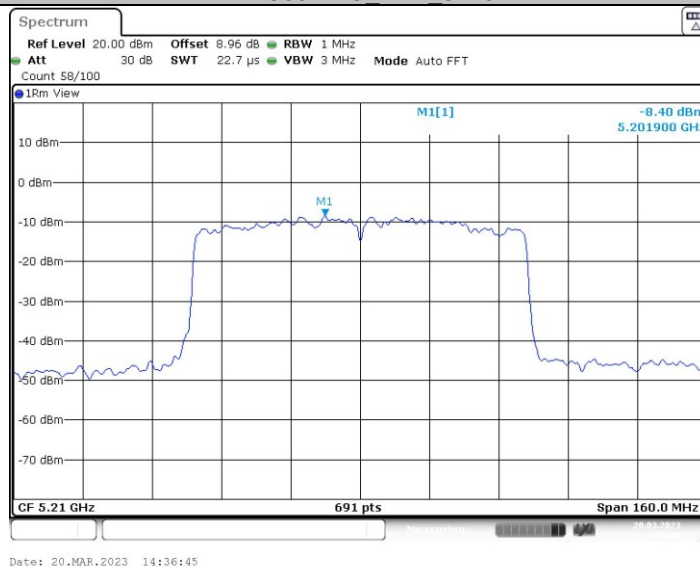
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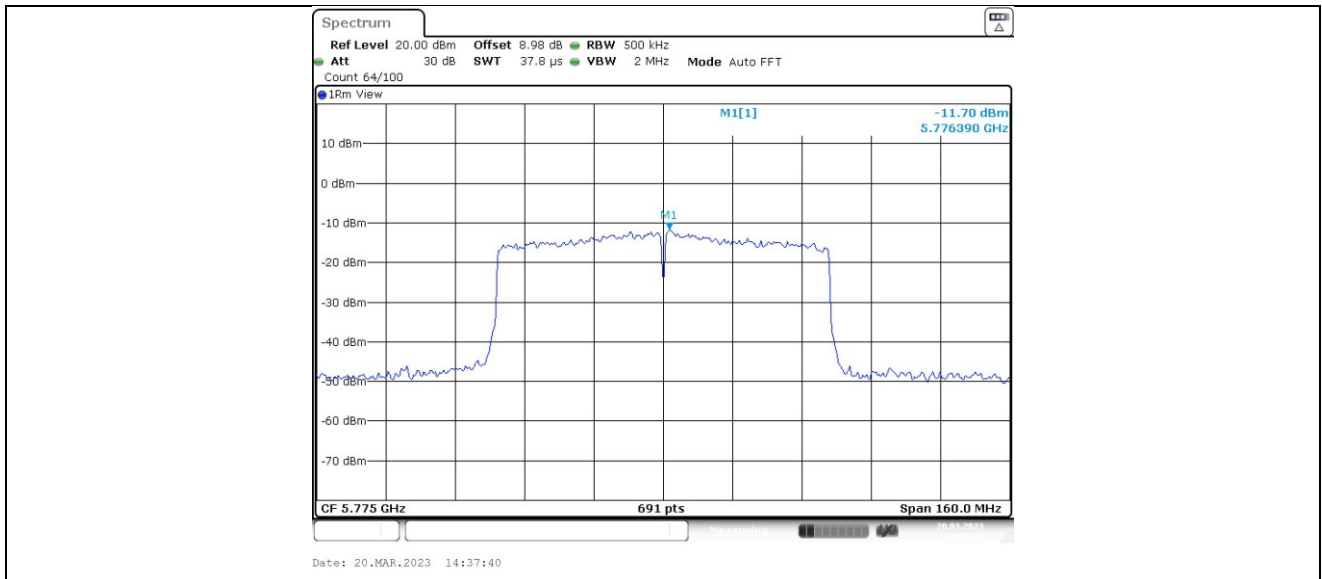
11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



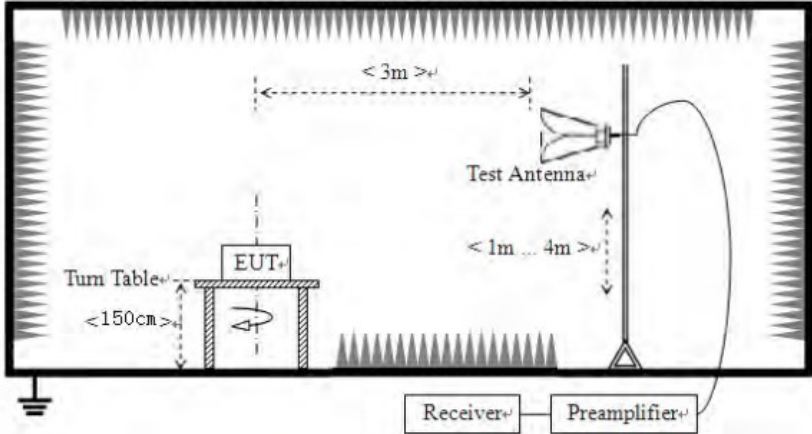
11AC80SISO\_Ant1\_5775





#### 4.6 Band Edge

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|------------------|--|-----------|--------------------|--------|-------------|--------|------------------|--------------|--------|------------------|------------------|------------|------------------|-------------|------|------------------|------------|------|---------------|---------------|------------|
| Test Requirement: | FCC Part15 E Section 15.407 and 15.205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Test Method:      | ANSI C63.10:2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Test site:        | Measurement Distance: 3m (Semi-Anechoic Chamber)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Receiver setup:   | <table><tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr><tr><td>AV</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |        |                  |  | Frequency | Detector           | RBW    | VBW         | Remark | 30MHz-1GHz       | Quasi-peak   | 100KHz | 300KHz           | Quasi-peak Value | Above 1GHz | Peak             | 1MHz        | 3MHz | Peak Value       | AV         | 1MHz | 3MHz          | Average Value |            |
| Frequency         | Detector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | RBW              | VBW    | Remark           |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| 30MHz-1GHz        | Quasi-peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100KHz           | 300KHz | Quasi-peak Value |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Above 1GHz        | Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1MHz             | 3MHz   | Peak Value       |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
|                   | AV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1MHz             | 3MHz   | Average Value    |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Limit:            | <table><tr><td>Frequency</td><td>Limit (dBuV/m @3m)</td><td>Remark</td></tr><tr><td>30MHz-88MHz</td><td>40.0</td><td>Quasi-peak Value</td></tr><tr><td>88MHz-216MHz</td><td>43.5</td><td>Quasi-peak Value</td></tr><tr><td>216MHz-960MHz</td><td>46.0</td><td>Quasi-peak Value</td></tr><tr><td>960MHz-1GHz</td><td>54.0</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>54.0</td><td>Average Value</td></tr><tr><td>68.2</td><td>Peak Value</td></tr></table> <p>Undesirable emission limits:</p> <p>(1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.</p> |                  |        |                  |  | Frequency | Limit (dBuV/m @3m) | Remark | 30MHz-88MHz | 40.0   | Quasi-peak Value | 88MHz-216MHz | 43.5   | Quasi-peak Value | 216MHz-960MHz    | 46.0       | Quasi-peak Value | 960MHz-1GHz | 54.0 | Quasi-peak Value | Above 1GHz | 54.0 | Average Value | 68.2          | Peak Value |
| Frequency         | Limit (dBuV/m @3m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Remark           |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| 30MHz-88MHz       | 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quasi-peak Value |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| 88MHz-216MHz      | 43.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quasi-peak Value |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| 216MHz-960MHz     | 46.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quasi-peak Value |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| 960MHz-1GHz       | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quasi-peak Value |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Above 1GHz        | 54.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Average Value    |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
|                   | 68.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Peak Value       |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Test Procedure:   | <p>a. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</p> <p>c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</p> <p>d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p>      |                  |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |
| Test setup:       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |        |                  |  |           |                    |        |             |        |                  |              |        |                  |                  |            |                  |             |      |                  |            |      |               |               |            |

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
|                   |  |
| Test Instruments: | Refer to section 5.10 for details                                                  |
| Test mode:        | Refer to section 5.3 for details                                                   |
| Test results:     | Pass                                                                               |

Remark:

According to KDB 789033 D02 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:

$E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2,$

For example, if EIRP = -27dBm

$E[\text{dBuV/m}] = -27 + 95.2 = 68.2\text{dBuV/m}.$

**Measurement Data:****Band1**

| Mode:        |                 | 802.11a              |               | Frequency:             |                | 5180MHz        |          |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|----------------|----------|
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 37.20                | 17.18         | 54.38                  | 68.20          | -13.82         | PK       |
| V            | 5150.00         | 33.09                | 17.18         | 50.27                  | 68.20          | -17.93         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11a              |               | Frequency:             |                | 5180MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 25.12                | 17.18         | 42.30                  | 54.00          | -11.70         | AV       |
| V            | 5150.00         | 25.44                | 17.18         | 42.62                  | 54.00          | -11.38         | AV       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11a              |               | Frequency:             |                | 5240MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 36.63                | 17.18         | 53.81                  | 68.20          | -14.39         | PK       |
| V            | 5350.00         | 35.64                | 17.18         | 52.82                  | 68.20          | -15.38         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11a              |               | Frequency:             |                | 5240MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 24.61                | 17.18         | 41.79                  | 54.00          | -12.21         | AV       |
| V            | 5350.00         | 25.24                | 17.18         | 42.42                  | 54.00          | -11.58         | AV       |

| Mode:        |                 | 802.11n(HT20)        |               | Frequency:             |                | 5180MHz        |          |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|----------------|----------|
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 35.89                | 17.18         | 53.07                  | 68.20          | -15.13         | PK       |
| V            | 5150.00         | 34.41                | 17.18         | 51.59                  | 68.20          | -16.61         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11n(HT20)        |               | Frequency:             |                | 5180MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 26.58                | 17.18         | 43.76                  | 54.00          | -10.24         | AV       |
| V            | 5150.00         | 25.34                | 17.18         | 42.52                  | 54.00          | -11.48         | AV       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11n(HT20)        |               | Frequency:             |                | 5240MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 37.76                | 17.18         | 54.94                  | 68.20          | -13.26         | PK       |
| V            | 5350.00         | 35.56                | 17.18         | 52.74                  | 68.20          | -15.46         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11n(HT20)        |               | Frequency:             |                | 5240MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 27.27                | 17.18         | 44.45                  | 54.00          | -9.55          | AV       |
| V            | 5350.00         | 26.52                | 17.18         | 43.70                  | 54.00          | -10.30         | AV       |

| Mode:        |                 | 802.11ac(HT20)       |               | Frequency:             |                | 5180MHz        |          |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|----------------|----------|
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 37.09                | 17.18         | 54.27                  | 68.20          | -13.93         | PK       |
| V            | 5150.00         | 34.86                | 17.18         | 52.04                  | 68.20          | -16.16         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT20)       |               | Frequency:             |                | 5180MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 25.51                | 17.18         | 42.69                  | 54.00          | -11.31         | AV       |
| V            | 5150.00         | 26.27                | 17.18         | 43.45                  | 54.00          | -10.55         | AV       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT20)       |               | Frequency:             |                | 5240MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 37.89                | 17.18         | 55.07                  | 68.20          | -13.13         | PK       |
| V            | 5350.00         | 37.08                | 17.18         | 54.26                  | 68.20          | -13.94         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT20)       |               | Frequency:             |                | 5240MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 26.66                | 17.18         | 43.84                  | 54.00          | -10.16         | AV       |
| V            | 5350.00         | 26.41                | 17.18         | 43.59                  | 54.00          | -10.41         | AV       |

|              |                 |                      |               |                        |                |                |          |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|----------------|----------|
| Mode:        |                 | 802.11n(HT40)        |               | Frequency:             |                | 5190MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 35.09                | 17.18         | 52.27                  | 68.20          | -15.93         | PK       |
| V            | 5150.00         | 33.13                | 17.18         | 50.31                  | 68.20          | -17.89         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11n(HT40)        |               | Frequency:             |                | 5190MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 25.89                | 17.18         | 43.07                  | 54.00          | -10.93         | AV       |
| V            | 5150.00         | 25.91                | 17.18         | 43.09                  | 54.00          | -10.91         | AV       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11n(HT40)        |               | Frequency:             |                | 5230MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 36.46                | 17.18         | 53.64                  | 68.20          | -14.56         | PK       |
| V            | 5350.00         | 35.50                | 17.18         | 52.68                  | 68.20          | -15.52         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11n(HT40)        |               | Frequency:             |                | 5230MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 24.56                | 17.18         | 41.74                  | 54.00          | -12.26         | AV       |
| V            | 5350.00         | 24.19                | 17.18         | 41.37                  | 54.00          | -12.63         | AV       |

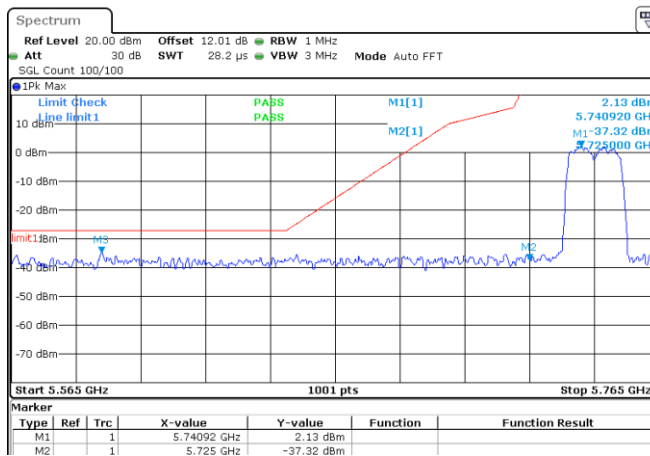
| Mode:        |                 | 802.11ac(HT40)       |               | Frequency:             |                | 5190MHz        |          |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|----------------|----------|
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 35.54                | 17.18         | 52.72                  | 68.20          | -15.48         | PK       |
| V            | 5150.00         | 34.72                | 17.18         | 51.90                  | 68.20          | -16.30         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT40)       |               | Frequency:             |                | 5190MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 24.33                | 17.18         | 41.51                  | 54.00          | -12.49         | AV       |
| V            | 5150.00         | 26.95                | 17.18         | 44.13                  | 54.00          | -9.87          | AV       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT40)       |               | Frequency:             |                | 5230MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 36.54                | 17.18         | 53.72                  | 68.20          | -14.48         | PK       |
| V            | 5350.00         | 34.07                | 17.18         | 51.25                  | 68.20          | -16.95         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT40)       |               | Frequency:             |                | 5230MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 27.36                | 17.18         | 44.54                  | 54.00          | -9.46          | AV       |
| V            | 5350.00         | 27.17                | 17.18         | 44.35                  | 54.00          | -9.65          | AV       |

|              |                 |                      |               |                        |                |                |          |
|--------------|-----------------|----------------------|---------------|------------------------|----------------|----------------|----------|
| Mode:        |                 | 802.11ac(HT80)       |               | Frequency:             |                | 5210MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 36.85                | 17.18         | 54.03                  | 68.20          | -14.17         | PK       |
| V            | 5150.00         | 36.25                | 17.18         | 53.43                  | 68.20          | -14.77         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT80)       |               | Frequency:             |                | 5210MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5150.00         | 25.92                | 17.18         | 43.10                  | 54.00          | -10.90         | AV       |
| V            | 5150.00         | 26.07                | 17.18         | 43.25                  | 54.00          | -10.75         | AV       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT80)       |               | Frequency:             |                | 5210MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 36.58                | 17.18         | 53.76                  | 68.20          | -14.44         | PK       |
| V            | 5350.00         | 34.21                | 17.18         | 51.39                  | 68.20          | -16.81         | PK       |
|              |                 |                      |               |                        |                |                |          |
| Mode:        |                 | 802.11ac(HT80)       |               | Frequency:             |                | 5210MHz        |          |
| Antenna Pol. | Frequency (MHz) | Reading Level (dBuV) | Factor (dB/m) | Measure Level (dBuV/m) | Limit (dBuV/m) | Over limit(dB) | Detector |
| H            | 5350.00         | 27.72                | 17.18         | 44.90                  | 54.00          | -9.10          | AV       |
| V            | 5350.00         | 26.12                | 17.18         | 43.30                  | 54.00          | -10.70         | AV       |

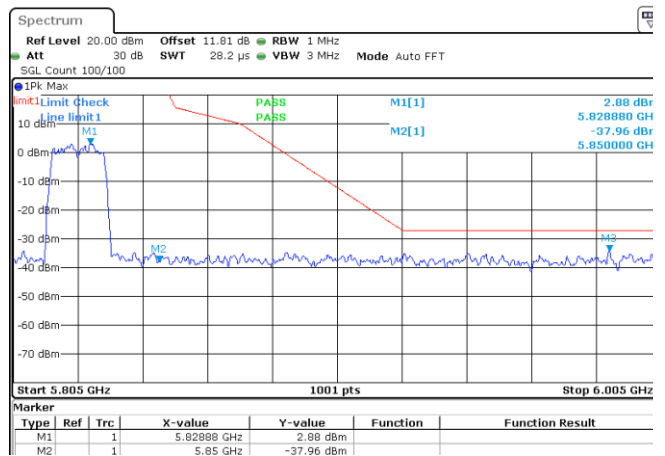


**Band4**

802.11a

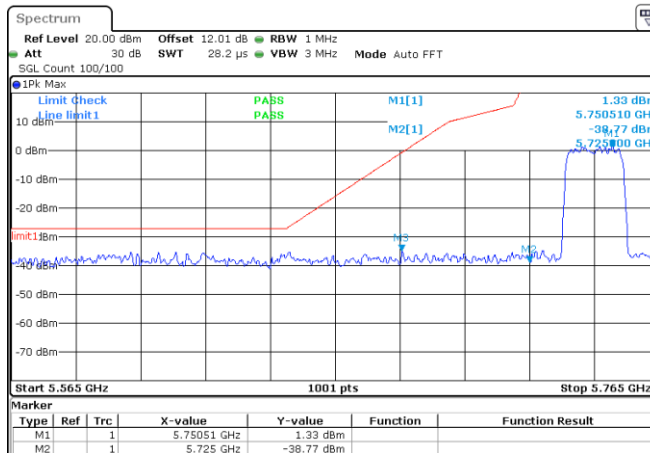


Low: 5745MHz

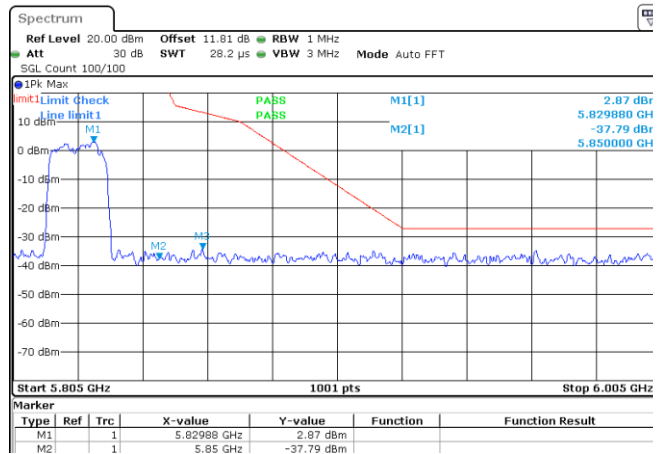


High: 5825MHz

802.11n(HT20)

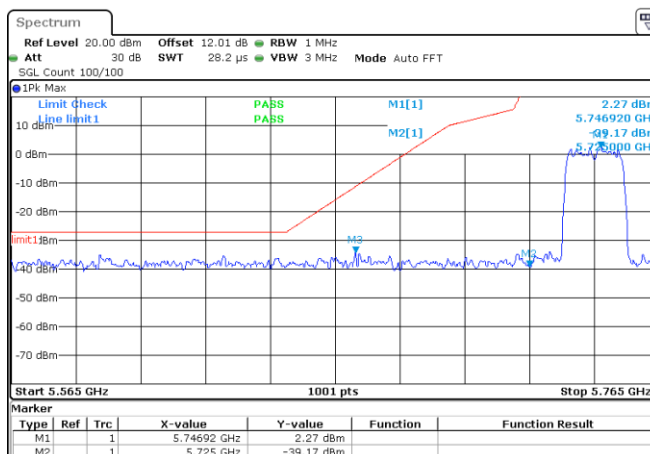


Low: 5745MHz

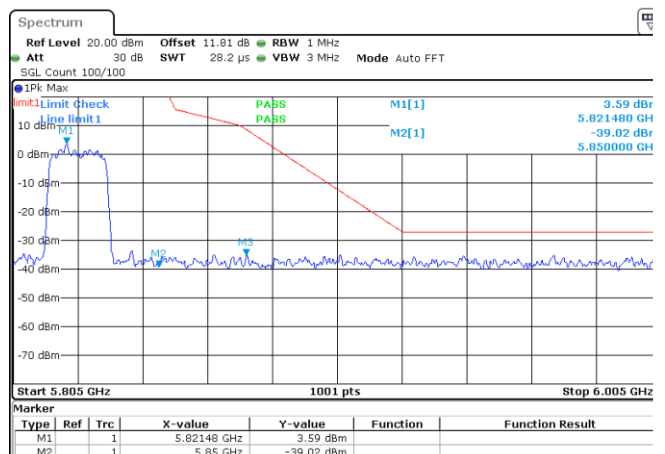


High: 5825MHz

802.11ac(HT20)

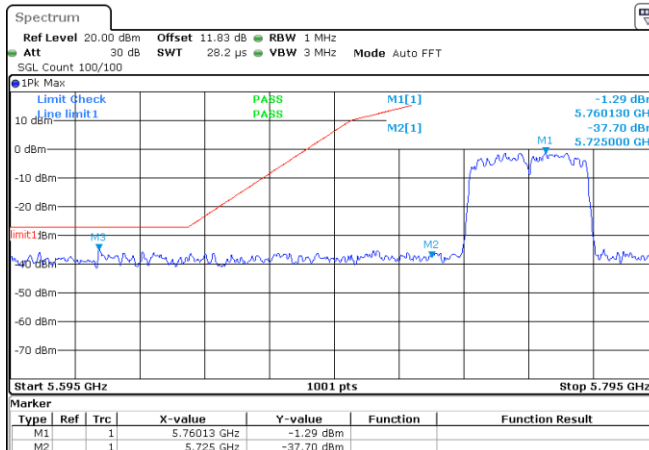


Low: 5745MHz

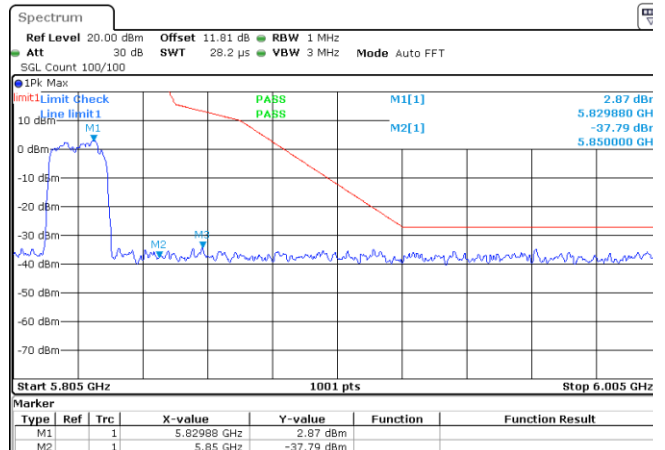


High: 5825MHz

## 802.11n(HT40)

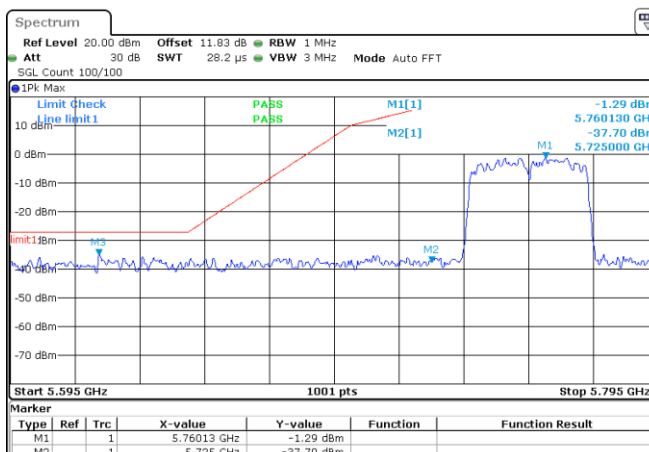


Low: 5755MHz

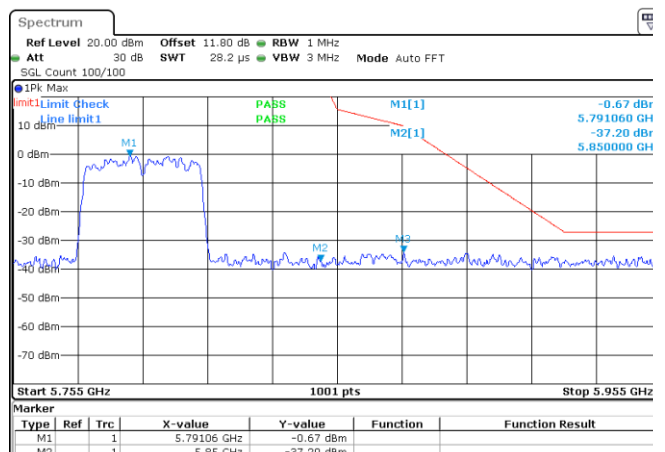


High: 5795MHz

## 802.11ac(HT40)

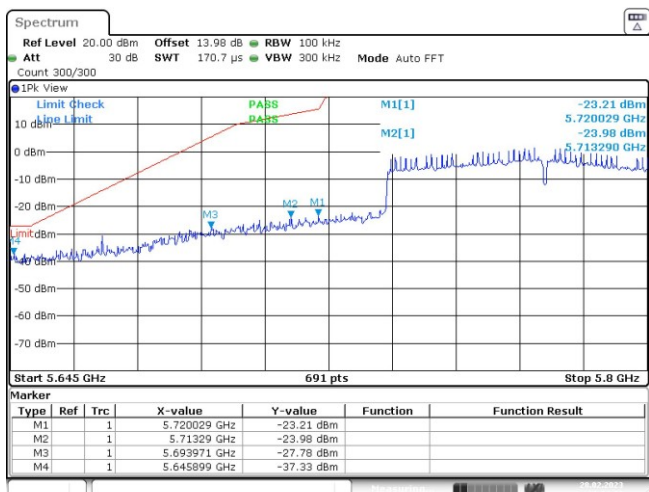


Low: 5755MHz

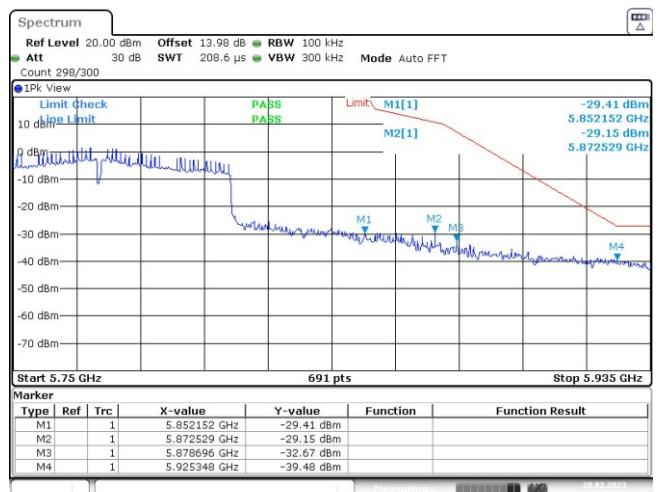


High: 5795MHz

## 802.11ac(HT80)



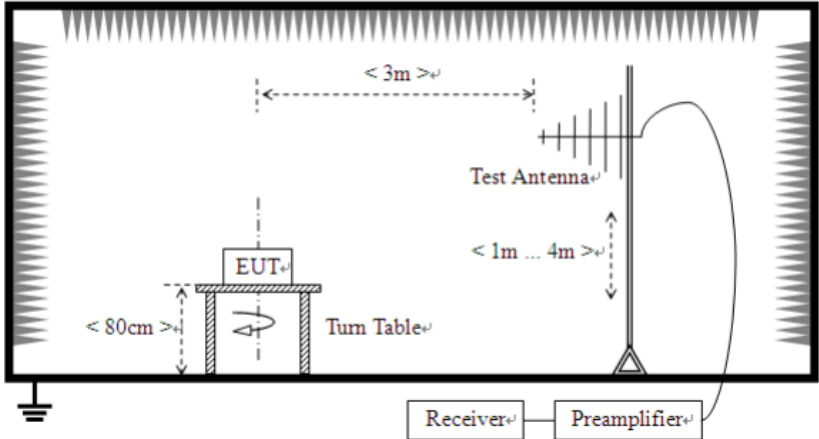
5775MHz

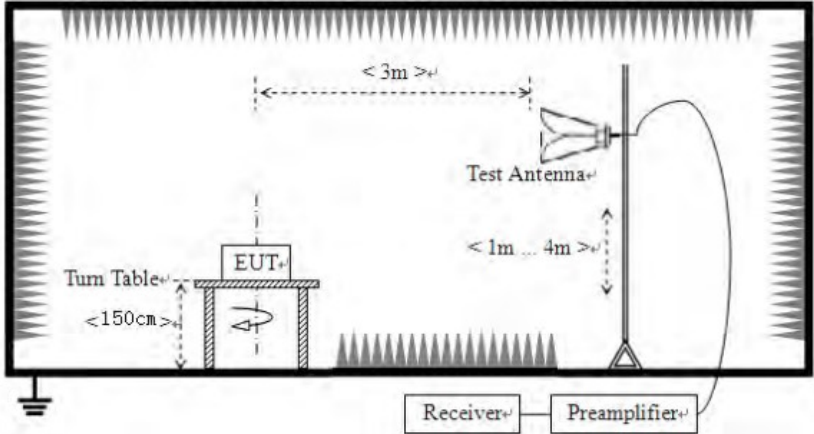


5775MHz

#### 4.7 Radiated Emission

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |                    |        |                  |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------|--------|------------------|
| Test Requirement:     | FCC Part15 C Section 15.209 and 15.205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                    |        |                  |
| Test Method:          | ANSI C63.10:2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                    |        |                  |
| Test Frequency Range: | 30MHz to 40GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                    |        |                  |
| Test site:            | Measurement Distance: 3m (Semi-Anechoic Chamber)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                    |        |                  |
| Receiver setup:       | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Detector   | RBW                | VBW    | Value            |
|                       | 30MHz-1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quasi-peak | 100KHz             | 300KHz | Quasi-peak Value |
|                       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Peak       | 1MHz               | 3MHz   | Peak Value       |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AV         | 1MHz               | 3MHz   | Average Value    |
| Limit:                | Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            | Limit (dBuV/m @3m) |        | Remark           |
|                       | 30MHz-88MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | 40.0               |        | Quasi-peak Value |
|                       | 88MHz-216MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            | 43.5               |        | Quasi-peak Value |
|                       | 216MHz-960MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | 46.0               |        | Quasi-peak Value |
|                       | 960MHz-1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | 54.0               |        | Quasi-peak Value |
|                       | Above 1GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            | 74.0               |        | Peak Value       |
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            | 54.0               |        | Average Value    |
| Test Procedure:       | <p>Substitution method was performed to determine the actual ERP emission levels of the EUT.</p> <p>The following test procedure as below:</p> <p>1&gt;.Below 1GHz test procedure:</p> <ol style="list-style-type: none"><li>1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li><li>2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li><li>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li><li>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li><li>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li><li>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li></ol> <p>2&gt;.Above 1GHz test procedure:</p> <ol style="list-style-type: none"><li>1. On the test site as test setup graph above,the EUT shall be placed at the 1.5m support on the turntable and in the position closest to normal use as declared by the provider.</li><li>2. The test antenna shall be oriented initially for vertical polarization and shall be chosen to correspond to the frequency of the transmitter.The output of the test antenna shall be connected to the measuring receiver.</li><li>3. The transmitter shall be switched on, if possible, without modulation and the measuring receiver shall be tuned to the frequency of the transmitter under test.</li><li>4. The test antenna shall be raised and lowered from 1m to 4m until a</li></ol> |            |                    |        |                  |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | <p>maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.</p> <ol style="list-style-type: none"> <li>Repeat step 4 for test frequency with the test antenna polarized horizontally.</li> <li>Remove the transmitter and replace it with a substitution antenna</li> <li>Feed the substitution antenna at the transmitter end with a signal generator connected to the antenna by means of a nonradiating cable. With the antennas at both ends vertically polarized, and with the signal generator tuned to a particular test frequency, raise and lower the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output.</li> <li>Repeat step 7 with both antennas horizontally polarized for each test frequency.</li> <li>Calculate power in dBm into a reference ideal half-wave dipole antenna by reducing the readings obtained in steps 7 and 8 by the power loss in the cable between the generator and the antenna, and further corrected for the gain of the substitution antenna used relative to an ideal half-wave dipole antenna by the following formula:<br/> <math display="block">\text{EIRP(dBm)} = P_g(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBi)}</math>           where:<br/> <math>P_g</math> is the generator output power into the substitution antenna.</li> </ol> |
| Test setup: | <p>Below 1GHz</p>  <p>Above 1GHz</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
|                   |  |
| Test Instruments: | Refer to section 5.10 for details                                                  |
| Test mode:        | Refer to section 5.3 for details                                                   |
| Test results:     | Pass                                                                               |

**Measurement Data:****Below 1GHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------------|----------------|---------------------|-----------------|--------------|
| 33.19           | 48.12             | 11.25                 | 0.59            | 30.08                    | 29.88          | 40                  | -10.12          | Vertical     |
| 54.56           | 41.00             | 11.93                 | 0.81            | 29.96                    | 23.78          | 40                  | -16.22          | Vertical     |
| 121.24          | 46.73             | 9.4                   | 1.36            | 29.57                    | 27.92          | 43.5                | -15.58          | Vertical     |
| 172.68          | 43.39             | 8.5                   | 1.7             | 29.31                    | 24.28          | 43.5                | -19.22          | Vertical     |
| 440.52          | 36.76             | 16.29                 | 3.05            | 29.41                    | 26.69          | 46                  | -19.31          | Vertical     |
| 860.85          | 32.75             | 21.83                 | 4.69            | 29.14                    | 30.13          | 46                  | -15.87          | Vertical     |
| 64.54           | 35.83             | 8.73                  | 0.9             | 29.89                    | 15.57          | 40                  | -24.43          | Horizontal   |
| 99.63           | 34.34             | 11.73                 | 1.19            | 29.7                     | 17.56          | 43.5                | -25.94          | Horizontal   |
| 269.60          | 45.48             | 12.53                 | 2.22            | 29.79                    | 30.44          | 46                  | -15.56          | Horizontal   |
| 351.03          | 37.02             | 14.5                  | 2.62            | 29.73                    | 24.41          | 46                  | -21.59          | Horizontal   |
| 627.58          | 36.05             | 19.43                 | 3.83            | 29.27                    | 30.04          | 46                  | -15.96          | Horizontal   |
| 956.33          | 41.33             | 22.54                 | 5.06            | 29.1                     | 39.83          | 46                  | -6.17           | Horizontal   |

**Above 1GHz:****802.11a(HT20) 5180MHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.71        | 29.13             | 11.25                 | 14.62           | 32.65              | 22.35          | 74                  | -51.65          | Vertical     |
| 15540.40        | 30.39             | 11.93                 | 17.66           | 34.46              | 25.52          | 74                  | -48.48          | Vertical     |
| 10360.10        | 32.65             | 9.4                   | 14.62           | 32.65              | 24.02          | 74                  | -49.98          | Horizontal   |
| 15540.15        | 31.64             | 8.5                   | 17.66           | 34.46              | 23.34          | 74                  | -50.66          | Horizontal   |

**802.11a(HT20) 5200MHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.60        | 29.00             | 16.29                 | 14.62           | 32.65              | 27.26          | 74                  | -46.74          | Vertical     |
| 15540.09        | 30.94             | 21.83                 | 17.66           | 34.46              | 35.97          | 74                  | -38.03          | Vertical     |
| 10360.47        | 32.72             | 8.73                  | 14.62           | 32.65              | 23.42          | 74                  | -50.58          | Horizontal   |
| 15540.47        | 31.58             | 11.73                 | 17.66           | 34.46              | 26.51          | 74                  | -47.49          | Horizontal   |

**802.11a(HT20) 5240MHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.96        | 28.46             | 11.25                 | 14.62           | 32.65              | 21.68          | 74                  | -52.32          | Vertical     |
| 15540.01        | 30.65             | 11.93                 | 17.66           | 34.46              | 25.78          | 74                  | -48.22          | Vertical     |
| 10360.62        | 32.88             | 9.4                   | 14.62           | 32.65              | 24.25          | 74                  | -49.75          | Horizontal   |
| 15540.20        | 32.09             | 8.5                   | 17.66           | 34.46              | 23.79          | 74                  | -50.21          | Horizontal   |

**802.11n(HT20) 5180MHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.73        | 29.05             | 11.25                 | 14.62           | 32.65              | 22.27          | 74                  | -51.73          | Vertical     |
| 15540.83        | 30.89             | 11.93                 | 17.66           | 34.46              | 26.02          | 74                  | -47.98          | Vertical     |
| 10360.78        | 32.85             | 9.4                   | 14.62           | 32.65              | 24.22          | 74                  | -49.78          | Horizontal   |
| 15540.22        | 31.84             | 8.5                   | 17.66           | 34.46              | 23.54          | 74                  | -50.46          | Horizontal   |

**802.11n(HT20) 5200MHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.21        | 28.24             | 16.29                 | 14.62           | 32.65              | 26.50          | 74                  | -47.50          | Vertical     |
| 15540.27        | 30.34             | 21.83                 | 17.66           | 34.46              | 35.37          | 74                  | -38.63          | Vertical     |
| 10360.99        | 32.57             | 8.73                  | 14.62           | 32.65              | 23.27          | 74                  | -50.73          | Horizontal   |
| 15540.88        | 32.21             | 11.73                 | 17.66           | 34.46              | 27.14          | 74                  | -46.86          | Horizontal   |

**802.11n(HT20) 5240MHz**

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.75        | 28.89             | 16.29                 | 14.62           | 32.65              | 27.15          | 74                  | -46.85          | Vertical     |
| 15540.83        | 30.29             | 21.83                 | 17.66           | 34.46              | 35.32          | 74                  | -38.68          | Vertical     |
| 10360.45        | 32.31             | 8.73                  | 14.62           | 32.65              | 23.01          | 74                  | -50.99          | Horizontal   |
| 15540.04        | 32.24             | 11.73                 | 17.66           | 34.46              | 27.17          | 74                  | -46.83          | Horizontal   |

## 802.11ac(HT20) 5180MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.38        | 29.06             | 11.25                 | 14.62           | 32.65              | 22.28          | 74                  | -51.72          | Vertical     |
| 15540.51        | 30.96             | 11.93                 | 17.66           | 34.46              | 26.09          | 74                  | -47.91          | Vertical     |
| 10360.32        | 32.18             | 9.4                   | 14.62           | 32.65              | 23.55          | 74                  | -50.45          | Horizontal   |
| 15540.44        | 31.76             | 8.5                   | 17.66           | 34.46              | 23.46          | 74                  | -50.54          | Horizontal   |

## 802.11ac(HT20) 5200MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.94        | 28.92             | 16.29                 | 14.62           | 32.65              | 27.18          | 74                  | -46.82          | Vertical     |
| 15540.33        | 30.52             | 21.83                 | 17.66           | 34.46              | 35.55          | 74                  | -38.45          | Vertical     |
| 10360.47        | 32.96             | 8.73                  | 14.62           | 32.65              | 23.66          | 74                  | -50.34          | Horizontal   |
| 15540.52        | 32.23             | 11.73                 | 17.66           | 34.46              | 27.16          | 74                  | -46.84          | Horizontal   |

## 802.11ac(HT20) 5240MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.21        | 28.39             | 11.25                 | 14.62           | 32.65              | 21.61          | 74                  | -52.39          | Vertical     |
| 15540.19        | 30.67             | 11.93                 | 17.66           | 34.46              | 25.80          | 74                  | -48.20          | Vertical     |
| 10360.40        | 32.74             | 9.4                   | 14.62           | 32.65              | 24.11          | 74                  | -49.89          | Horizontal   |
| 15540.67        | 32.26             | 8.5                   | 17.66           | 34.46              | 23.96          | 74                  | -50.04          | Horizontal   |

## 802.11n(HT40) 5190MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.87        | 29.11             | 16.29                 | 14.62           | 32.65              | 27.37          | 74                  | -46.63          | Vertical     |
| 15540.78        | 30.49             | 21.83                 | 17.66           | 34.46              | 35.52          | 74                  | -38.48          | Vertical     |
| 10360.79        | 32.86             | 8.73                  | 14.62           | 32.65              | 23.56          | 74                  | -50.44          | Horizontal   |
| 15540.01        | 31.65             | 11.73                 | 17.66           | 34.46              | 26.58          | 74                  | -47.42          | Horizontal   |

## 802.11n(HT40) 5230MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.69        | 28.69             | 11.25                 | 14.62           | 32.65              | 21.91          | 74                  | -52.09          | Vertical     |
| 15540.38        | 30.65             | 11.93                 | 17.66           | 34.46              | 25.78          | 74                  | -48.22          | Vertical     |
| 10360.78        | 32.73             | 9.4                   | 14.62           | 32.65              | 24.10          | 74                  | -49.90          | Horizontal   |
| 15540.52        | 31.54             | 8.5                   | 17.66           | 34.46              | 23.24          | 74                  | -50.76          | Horizontal   |

## 802.11ac(HT40) 5190MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.92        | 28.22             | 16.29                 | 14.62           | 32.65              | 26.48          | 74                  | -47.52          | Vertical     |
| 15540.52        | 30.65             | 21.83                 | 17.66           | 34.46              | 35.68          | 74                  | -38.32          | Vertical     |
| 10360.88        | 32.22             | 8.73                  | 14.62           | 32.65              | 22.92          | 74                  | -51.08          | Horizontal   |
| 15540.72        | 31.46             | 11.73                 | 17.66           | 34.46              | 26.39          | 74                  | -47.61          | Horizontal   |



## 802.11ac(HT40) 5230MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.19        | 29.12             | 11.25                 | 14.62           | 32.65              | 22.34          | 74                  | -51.66          | Vertical     |
| 15540.10        | 30.43             | 11.93                 | 17.66           | 34.46              | 25.56          | 74                  | -48.44          | Vertical     |
| 10360.80        | 32.38             | 9.4                   | 14.62           | 32.65              | 23.75          | 74                  | -50.25          | Horizontal   |
| 15540.89        | 31.61             | 8.5                   | 17.66           | 34.46              | 23.31          | 74                  | -50.69          | Horizontal   |

## 802.11ac(HT80) 5210MHz

| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | polarization |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|--------------|
| 10360.09        | 28.36             | 16.29                 | 14.62           | 32.65              | 26.62          | 74                  | -47.38          | Vertical     |
| 15540.46        | 30.93             | 21.83                 | 17.66           | 34.46              | 35.96          | 74                  | -38.04          | Vertical     |
| 10360.02        | 32.94             | 8.73                  | 14.62           | 32.65              | 23.64          | 74                  | -50.36          | Horizontal   |
| 15540.90        | 31.47             | 11.73                 | 17.66           | 34.46              | 26.40          | 74                  | -47.60          | Horizontal   |

## Note:

1. Level = Read Level + Antenna Factor+ Cable loss- Preamp Factor.
2. The test trace is same as the ambient noise (the test frequency range: 18GHz~40GHz), therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. This Report only show the test plots of the worst case (U-NII-1).

## 4.8 Frequency stability

|               |                                                                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test limit    | Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual. |
| Test results: | Pass                                                                                                                                                                                                                         |

**Measurement Data:**

| Mode                   | Voltage (V) | FHL (5180MHz) | Deviation (KHz) | FHH (5240MHz) | Deviation (KHz) |
|------------------------|-------------|---------------|-----------------|---------------|-----------------|
| Band 1 (5150-5250 MHz) | DC 3.61V    | 5179.994      | 6               | 5239.994      | 6               |
|                        | DC 3.70V    | 5179.993      | 7               | 5239.995      | 5               |
|                        | DC 4.18V    | 5179.993      | 7               | 5239.994      | 6               |
| Mode                   | Voltage (V) | FHL (5745MHz) | Deviation (KHz) | FHH (5825MHz) | Deviation (KHz) |
| Band 4 (5725-5850 MHz) | DC 3.61V    | 5744.993      | 7               | 5824.997      | 3               |
|                        | DC 3.70V    | 5744.994      | 6               | 5824.997      | 3               |
|                        | DC 4.18V    | 5744.998      | 2               | 5824.996      | 4               |

| Mode                   | Temperature (°C) | FHL (5180MHz) | Deviation (KHz) | FHH (5240MHz) | Deviation (KHz) |
|------------------------|------------------|---------------|-----------------|---------------|-----------------|
| Band 1 (5150-5250 MHz) | -20°C            | 5179.995      | 5               | 5239.997      | 3               |
|                        | -10°C            | 5179.997      | 3               | 5239.997      | 3               |
|                        | -5°C             | 5179.993      | 7               | 5239.995      | 5               |
|                        | 0°C              | 5179.998      | 2               | 5239.997      | 3               |
|                        | +10°C            | 5179.996      | 4               | 5239.992      | 8               |
|                        | +20°C            | 5179.997      | 3               | 5239.997      | 3               |
|                        | +30°C            | 5179.997      | 3               | 5239.995      | 5               |
|                        | +40°C            | 5179.996      | 4               | 5239.996      | 4               |
|                        | +50°C            | 5179.997      | 3               | 5239.997      | 3               |
| Mode                   | Temperature (°C) | FHL (5745MHz) | Deviation (KHz) | FHH (5825MHz) | Deviation (KHz) |
| Band 4 (5725-5850 MHz) | -20°C            | 5744.993      | 7               | 5824.996      | 4               |
|                        | -10°C            | 5744.992      | 8               | 5824.997      | 3               |
|                        | -5°C             | 5744.996      | 4               | 5824.993      | 7               |
|                        | 0°C              | 5744.992      | 8               | 5824.994      | 6               |
|                        | +10°C            | 5744.996      | 4               | 5824.996      | 4               |
|                        | +20°C            | 5744.993      | 7               | 5824.995      | 5               |
|                        | +30°C            | 5744.997      | 3               | 5824.993      | 7               |
|                        | +40°C            | 5744.996      | 4               | 5824.992      | 8               |
|                        | +50°C            | 5744.995      | 5               | 5824.996      | 4               |

-----END OF REPORT-----