\<Normal Mode with Ant. 5\>

\<1Mbps\>

99% Occupied Bandwidth Plot on Channel 00

Date: 5.JAN.2021 00:35:07

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99% Occupied Bandwidth Plot on Channel 39

Date: 5.JAN.2021 00:39:38

99% Occupied Bandwidth Plot on Channel 78

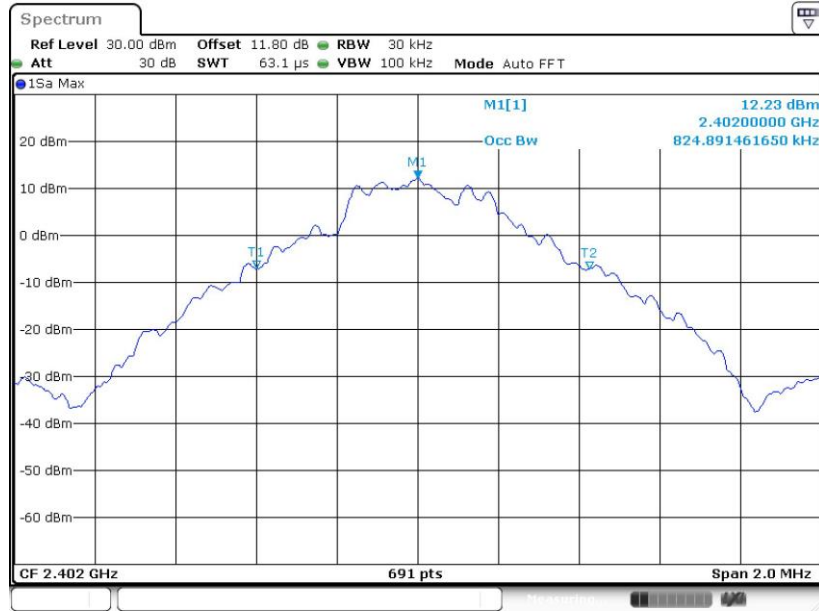Date: 5.JAN.2021 00:43:44

<2Mbps>

99% Occupied Bandwidth Plot on Channel 00

Date: 5.JAN.2021 00:48:00

99% Occupied Bandwidth Plot on Channel 39

Date: 5.JAN.2021 00:52:39
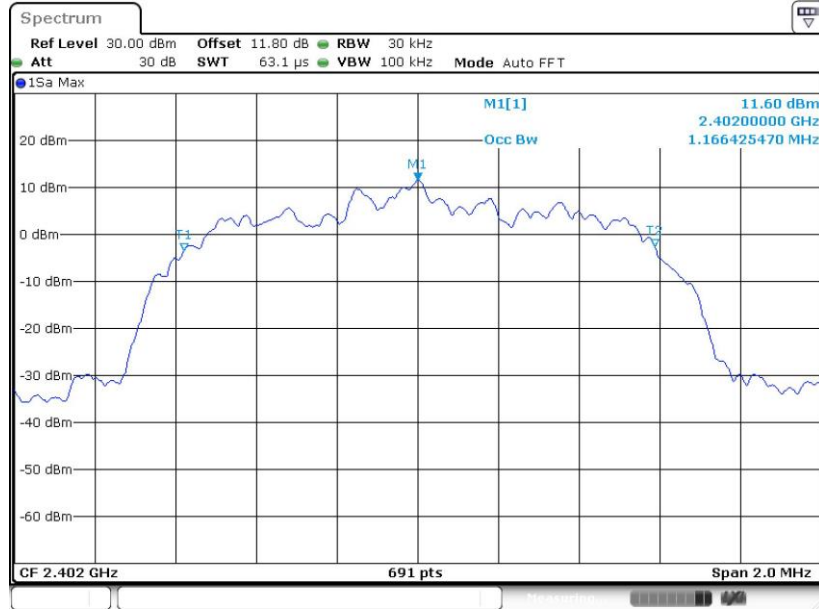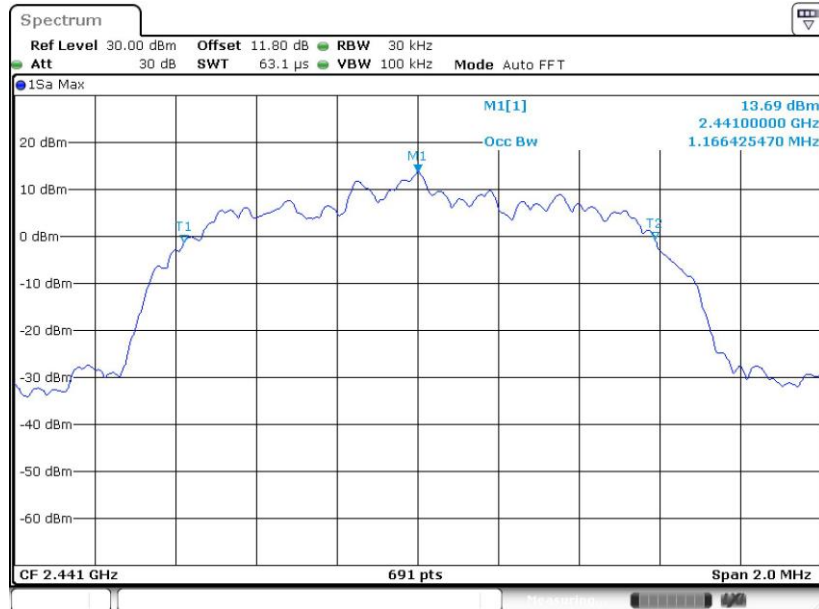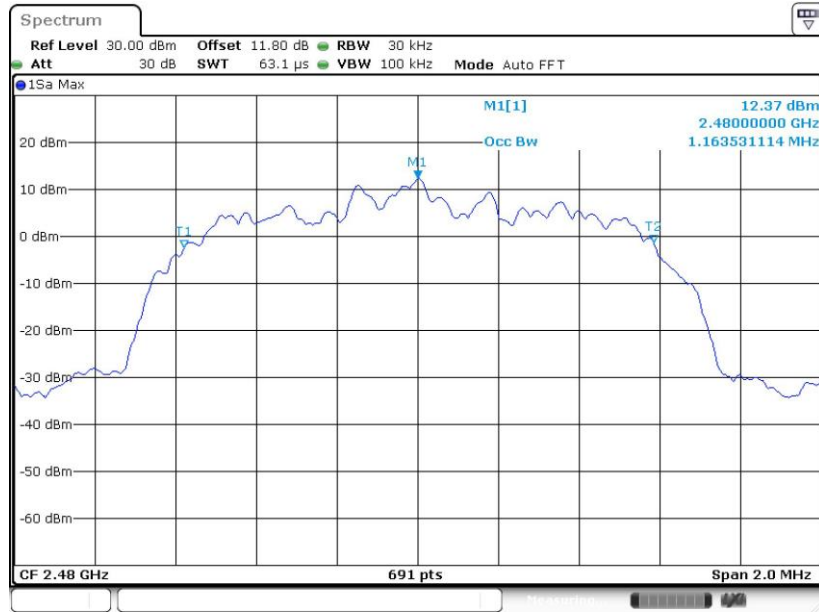
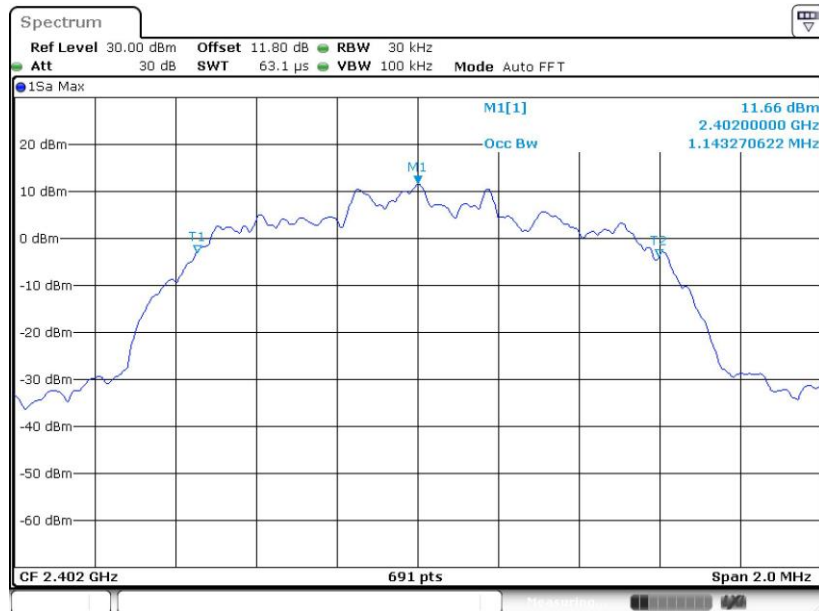**99% Occupied Bandwidth Plot on Channel 78**

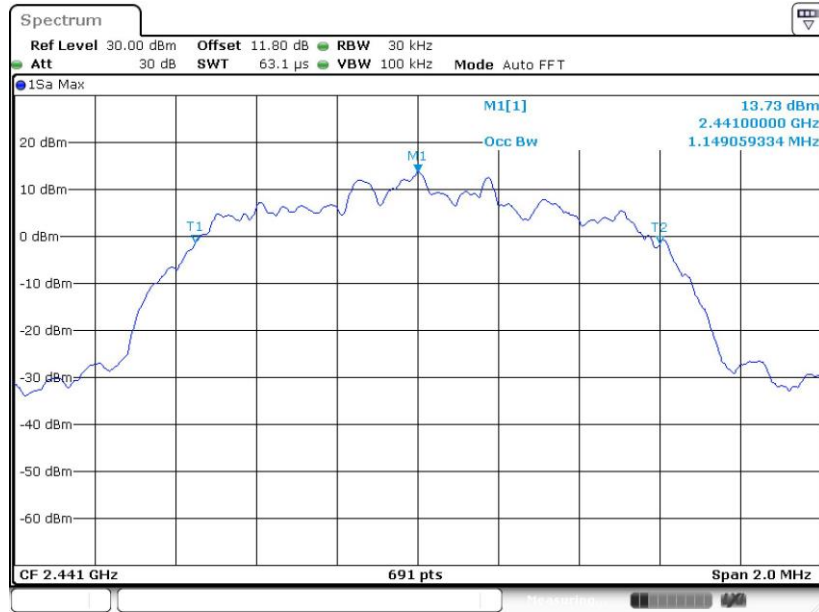Date: 5.JAN.2021 00:58:42

<3Mbps>

99% Occupied Bandwidth Plot on Channel 00

Date: 5.JAN.2021 01:03:05

99% Occupied Bandwidth Plot on Channel 39

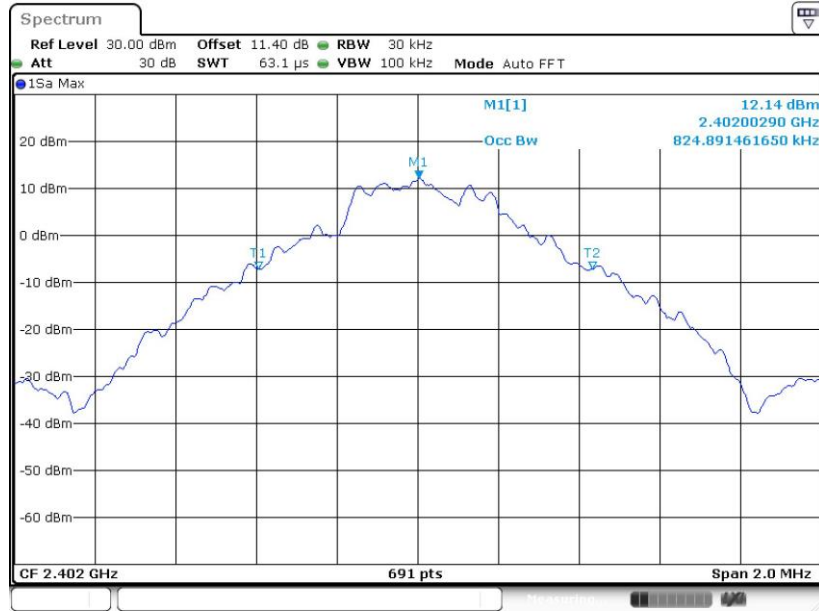Date: 5.JAN.2021 01:09:14

99% Occupied Bandwidth Plot on Channel 78

Date: 5.JAN.2021 01:13:13

<Camera Mode with Ant. 6>

<1Mbps>

99% Occupied Bandwidth Plot on Channel 00

Date: 30.DEC.2020 20:17:07

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99% Occupied Bandwidth Plot on Channel 39


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Date: 30.DEC.2020  20:24:19
```

99% Occupied Bandwidth Plot on Channel 78


```
Date: 30.DEC.2020  21:03:50
```

<2Mbps>

99% Occupied Bandwidth Plot on Channel 00

Date: 30.DEC.2020 21:09:51

99% Occupied Bandwidth Plot on Channel 39

Date: 30.DEC.2020 21:17:03
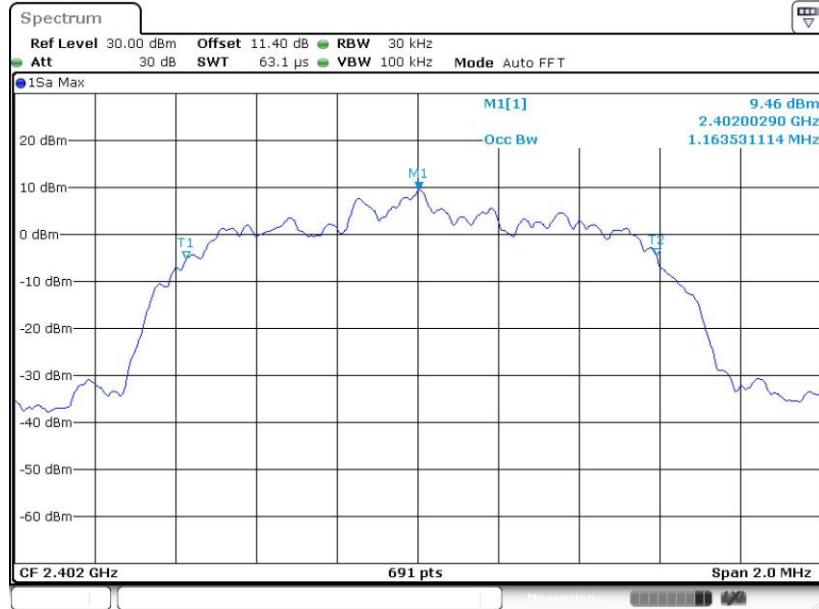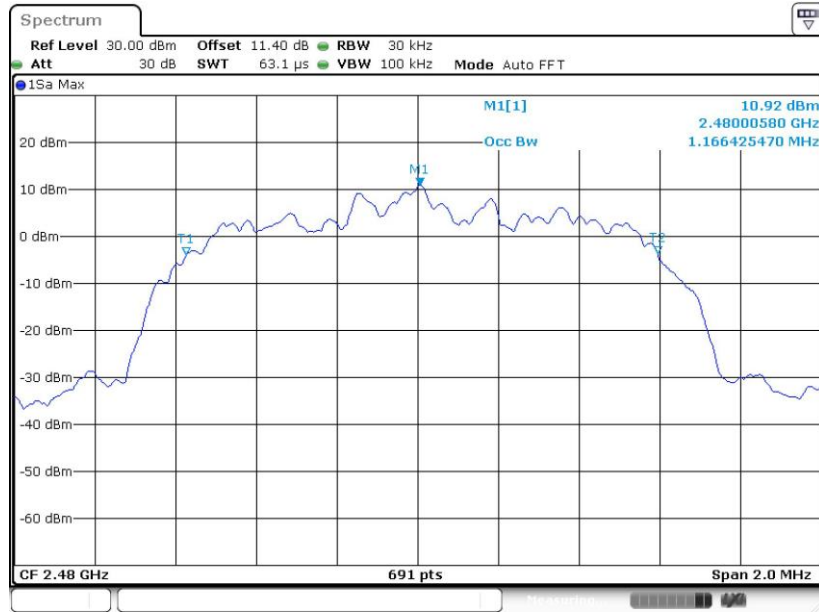
99% Occupied Bandwidth Plot on Channel 78

Date: 30.DEC.2020 21:25:35

<3Mbps>

99% Occupied Bandwidth Plot on Channel 00

Date: 30.DEC.2020 21:35:31

99% Occupied Bandwidth Plot on Channel 39

Date: 30.DEC.2020 22:00:38

99% Occupied Bandwidth Plot on Channel 78

Date: 30.DEC.2020 22:07:09

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.5 Output Power Measurement

3.5.1 Limit of Output Power

The maximum peak conducted output power of the intentional radiator shall not exceed the following: For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.
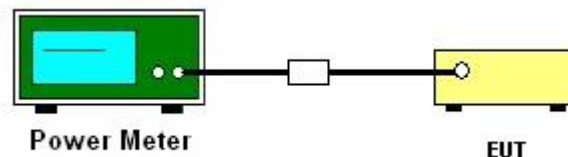
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 7.8.5.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

3.5.4 Test Setup

3.5.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.5.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

3.6 Conducted Band Edges Measurement

3.6.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.
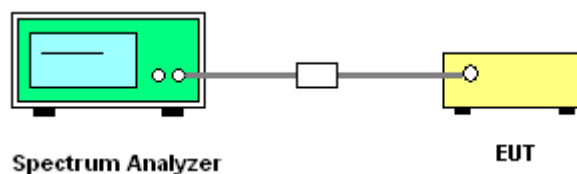
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 7.8.6.
2. Set to the maximum power setting and enable the EUT transmit continuously.
3. Set RBW = 100kHz, VBW = 300kHz. Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
4. Enable hopping function of the EUT and then repeat step 2. and 3.
5. Measure and record the results in the test report.

3.6.4 Test Setup

Spectrum Analyzer   EUT

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3.6.5 Test Result of Conducted Band Edges

<Normal Mode with Ant. 4>

<1Mbps>

Low Band Edge Plot on Channel 00

Date: 29.DEC.2020 23:45:24

High Band Edge Plot on Channel 78

Date: 29.DEC.2020 23:56:42

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<2Mbps>

Low Band Edge Plot on Channel 00

Date: 30.DEC.2020 00:02:08

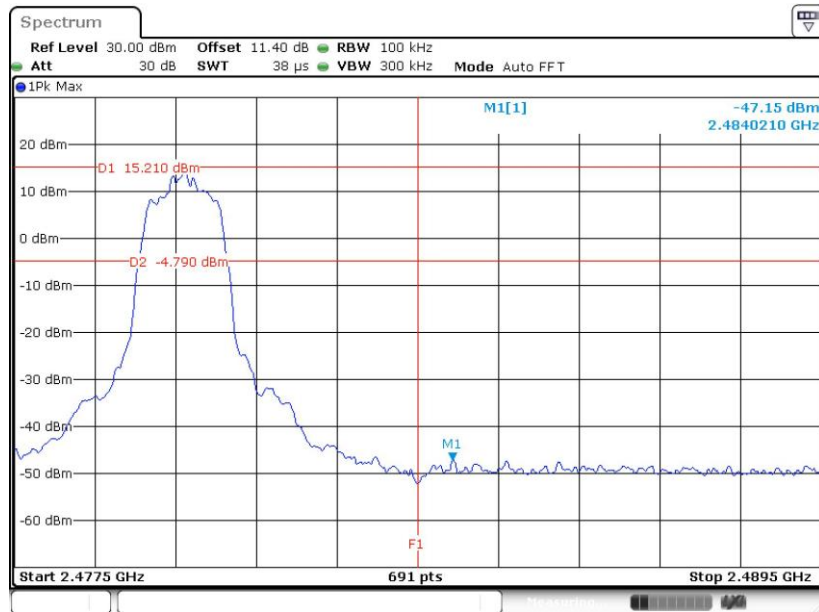**High Band Edge Plot on Channel 78**

Date: 30.DEC.2020 00:15:45

<3Mbps>

Low Band Edge Plot on Channel 00

Date: 30.DEC.2020 00:20:44

High Band Edge Plot on Channel 78
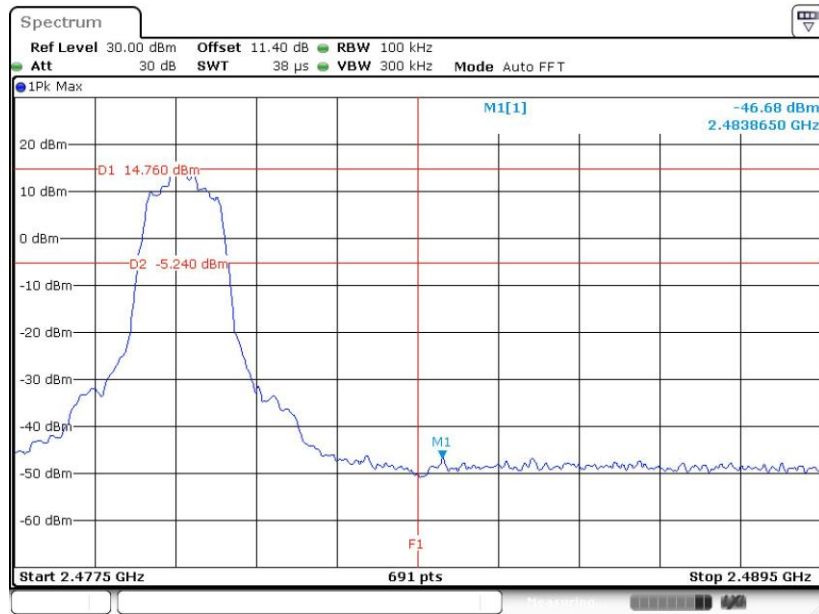
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<1Mbps>

Low Band Edge Plot on Channel 00
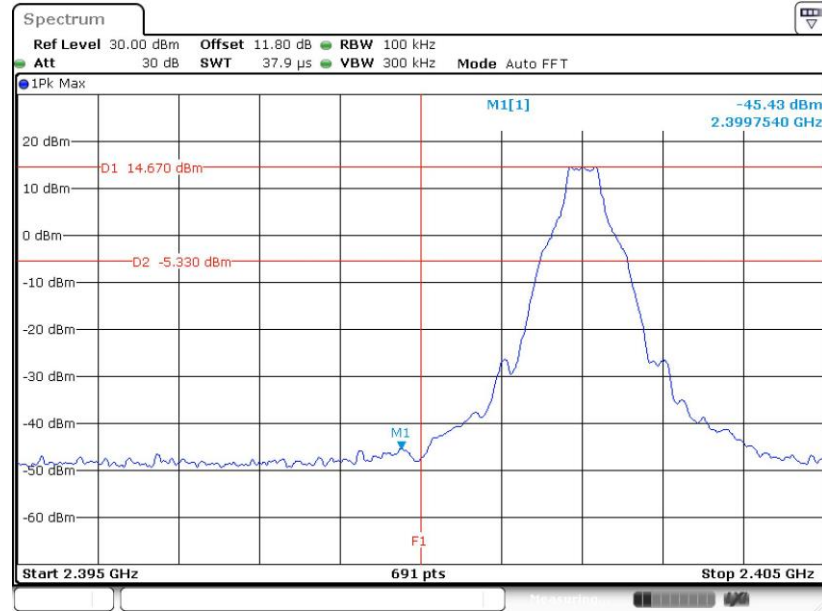
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High Band Edge Plot on Channel 78
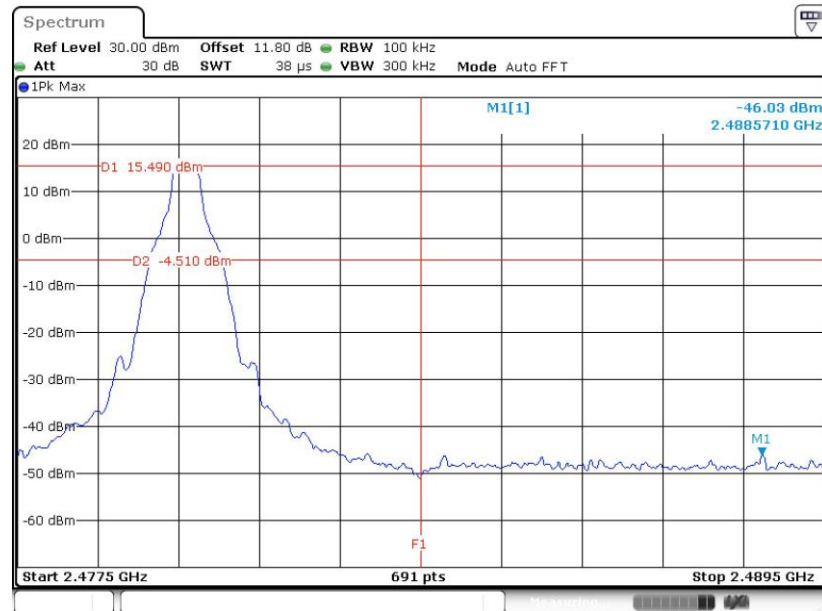
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<2Mbps>

Low Band Edge Plot on Channel 00
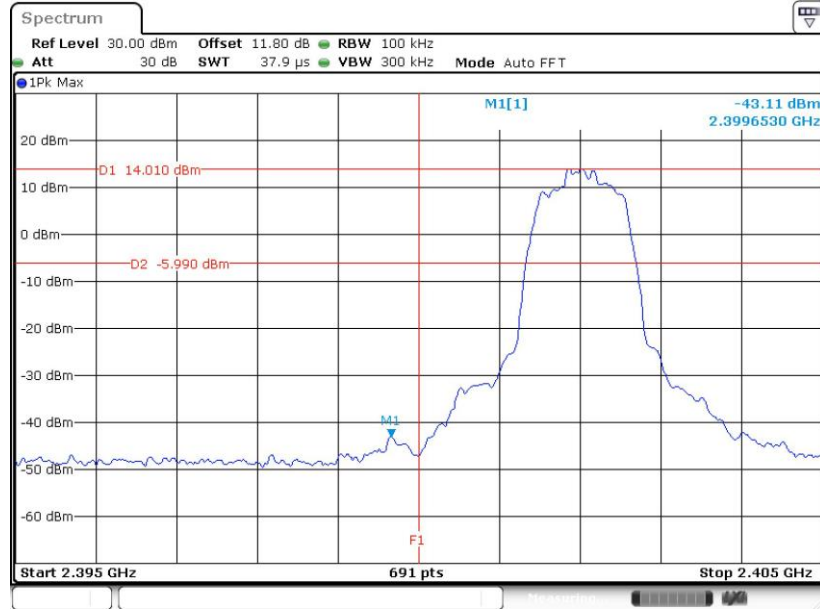
Date: 5.JAN.2021 00:47:24

High Band Edge Plot on Channel 78
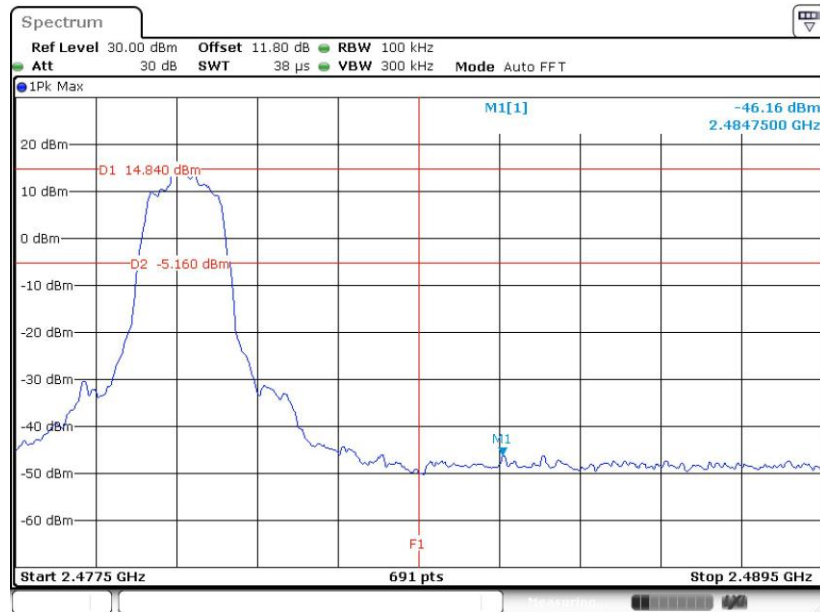
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<3Mbps>

Low Band Edge Plot on Channel 00
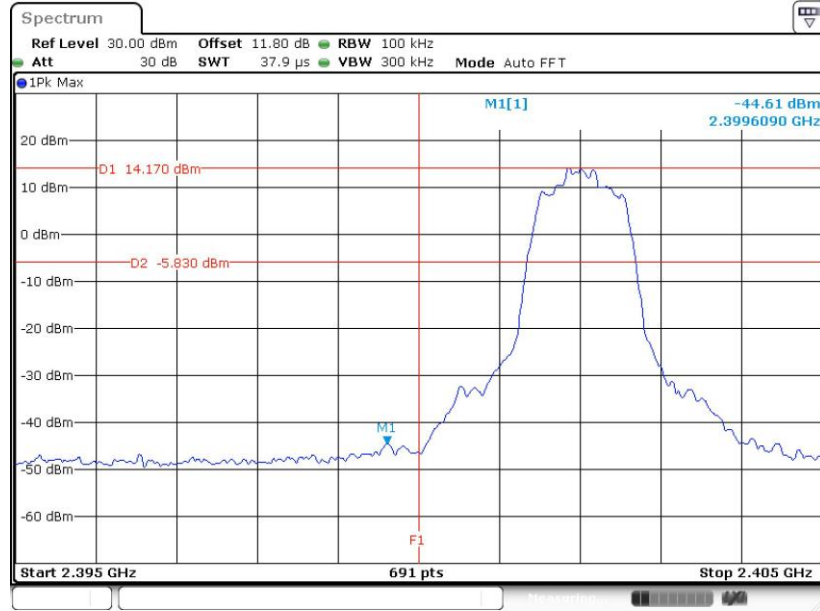
Date: 5.JAN.2021 01:02:28

High Band Edge Plot on Channel 78

Date: 5.JAN.2021 01:12:36

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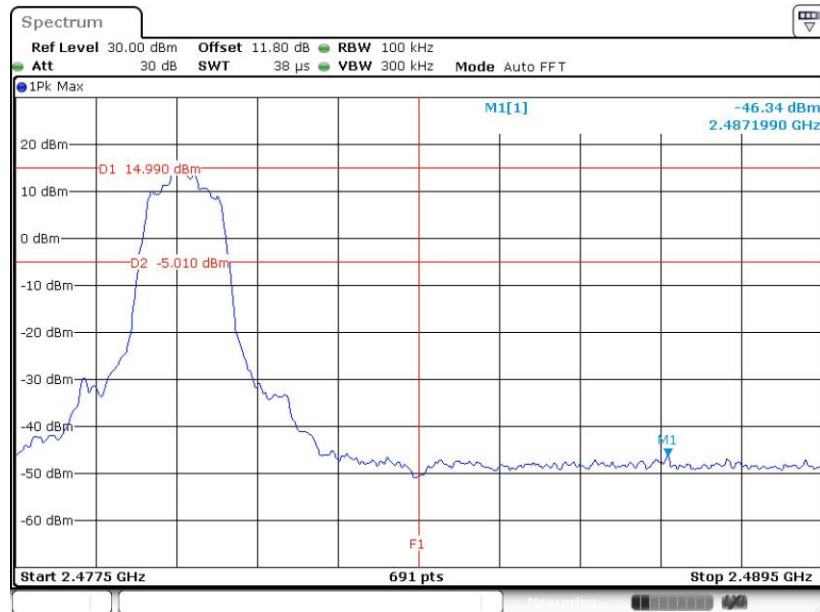
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Low Band Edge Plot on Channel 00
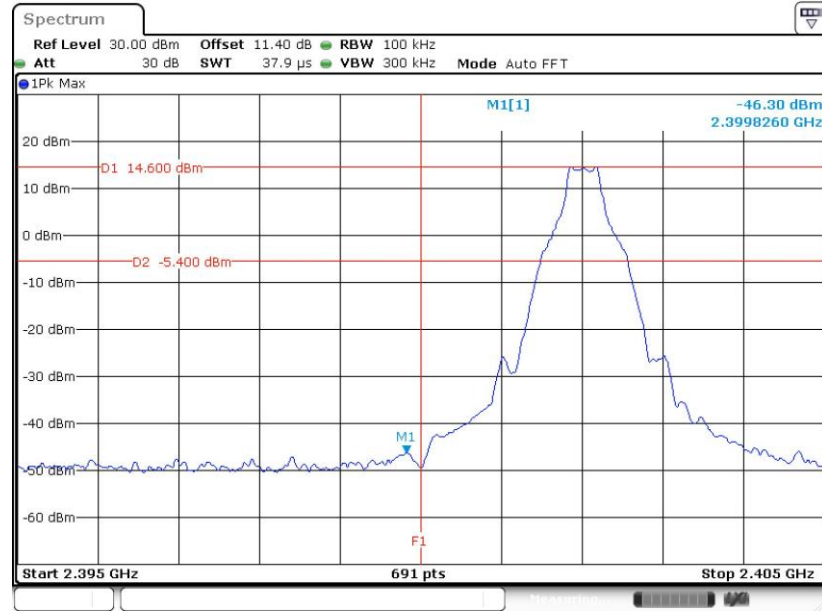
Date: 30.DEC.2020 20:16:29

High Band Edge Plot on Channel 78

Date: 30.DEC.2020 21:03:14

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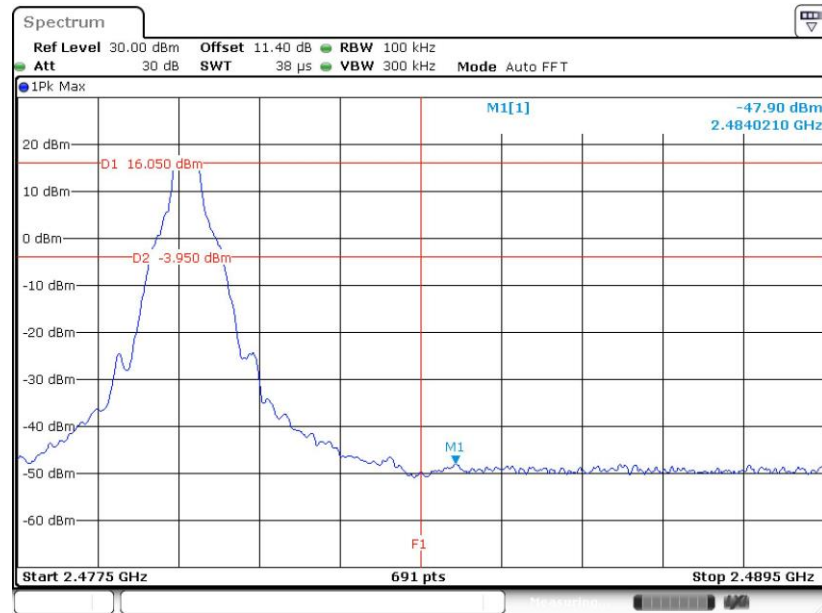
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Low Band Edge Plot on Channel 00
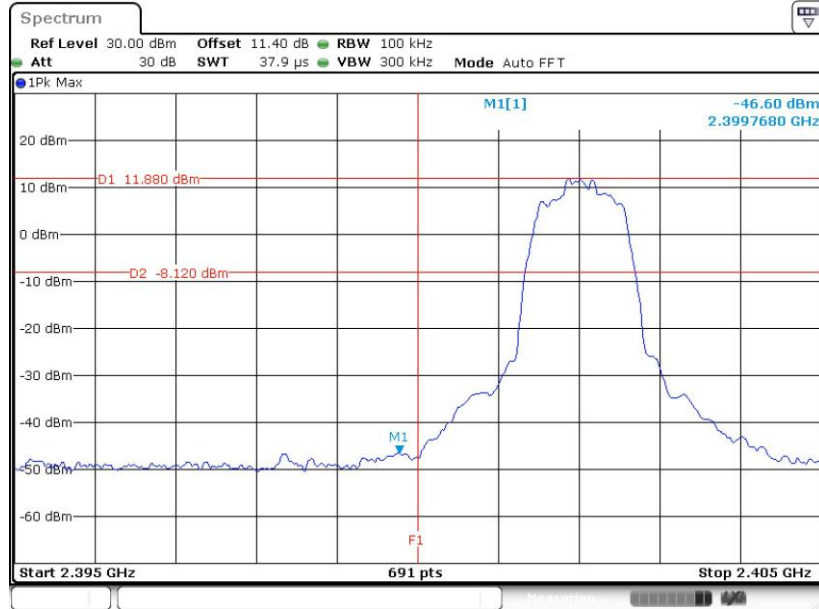
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High Band Edge Plot on Channel 78

Date: 30.DEC.2020 21:24:50

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Low Band Edge Plot on Channel 00
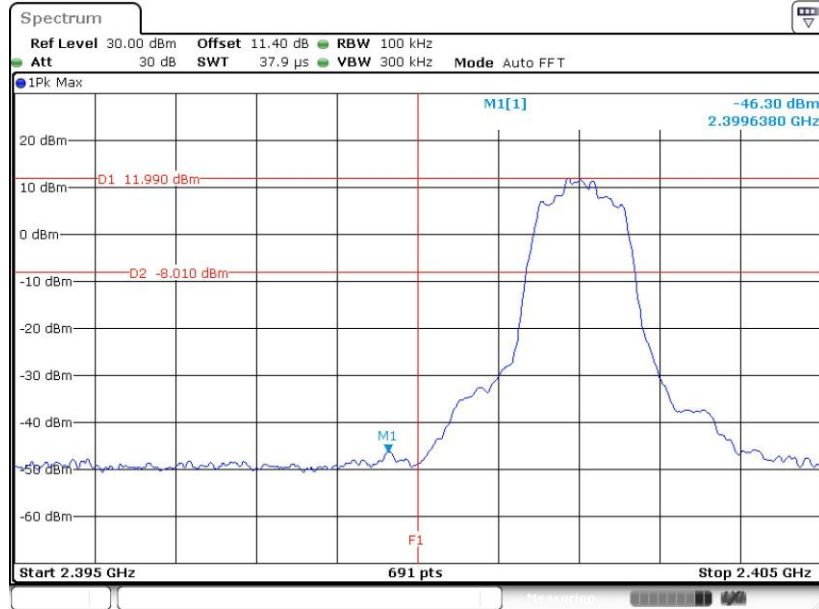
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High Band Edge Plot on Channel 78
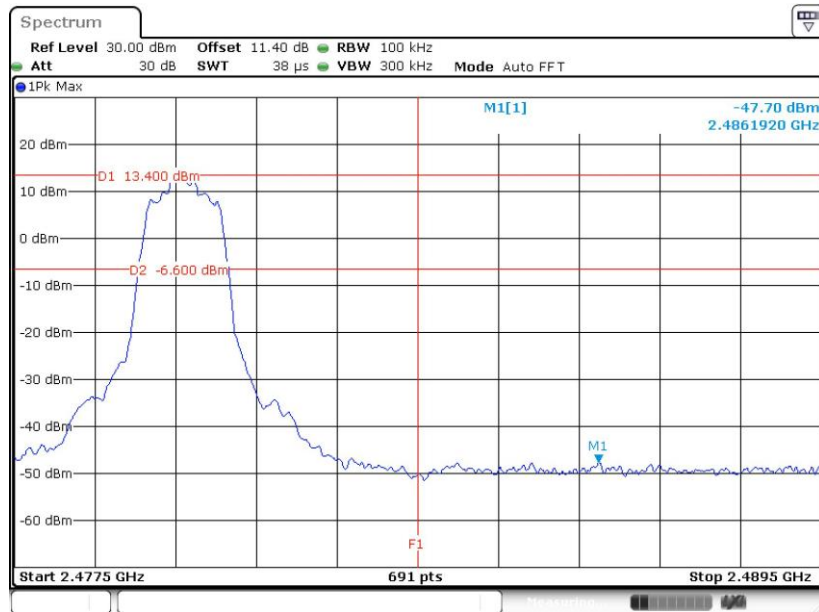
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3.6.6 Test Result of Conducted Hopping Mode Band Edges

<Normal Mode with Ant. 4>

<1Mbps>

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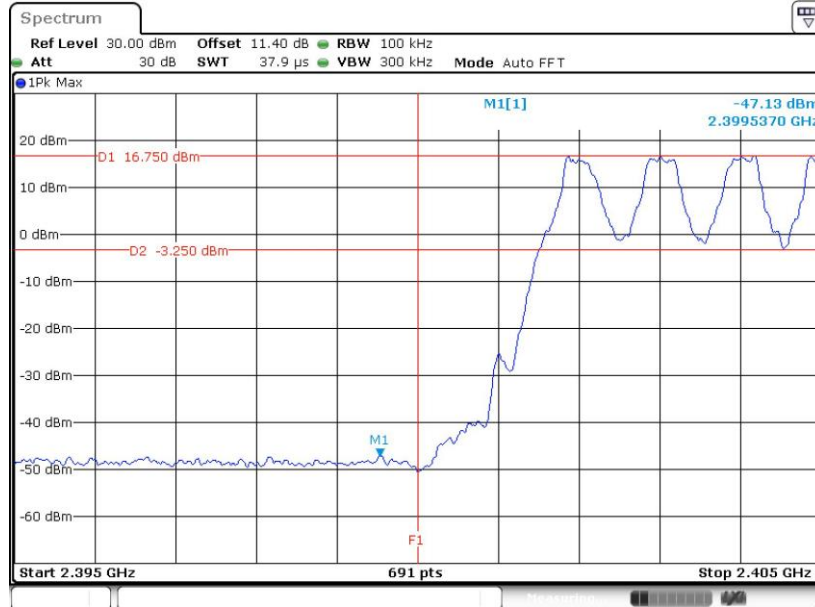
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Hopping Mode High Band Edge Plot
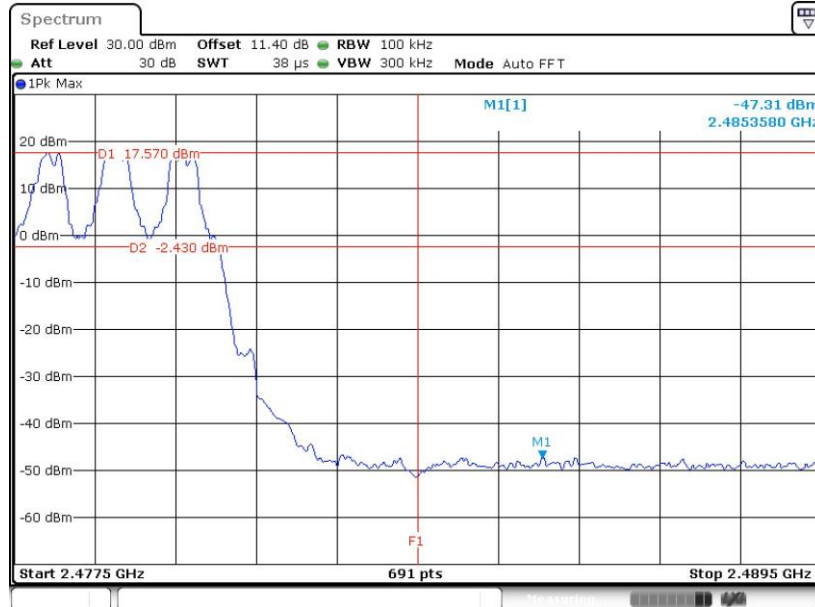
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<2Mbps>

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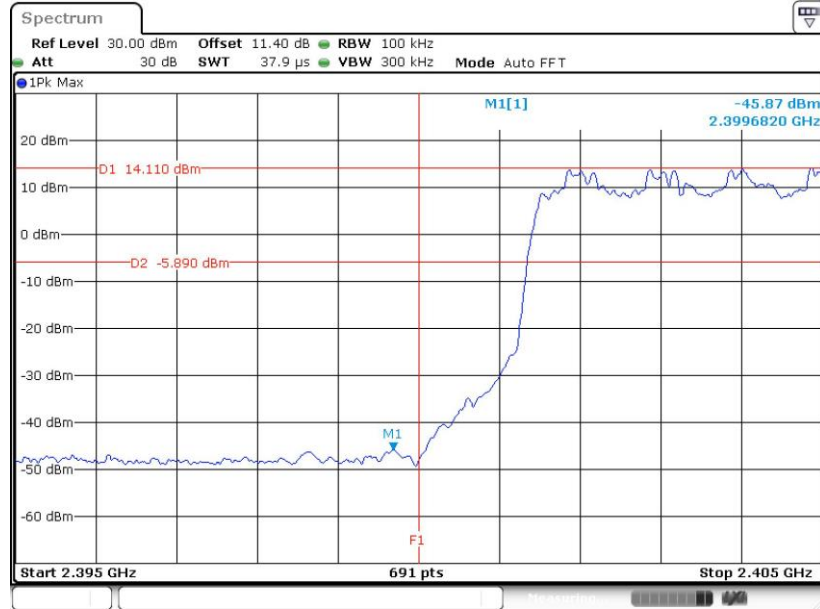
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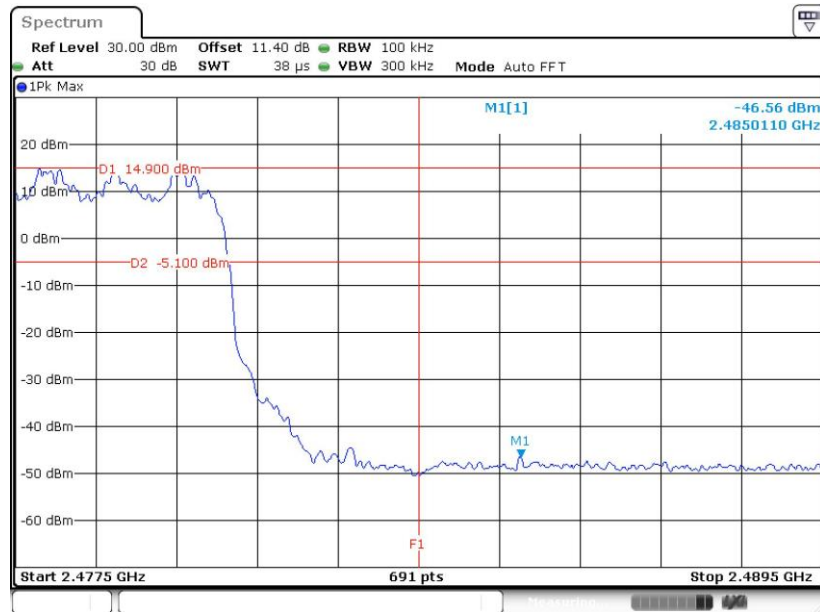
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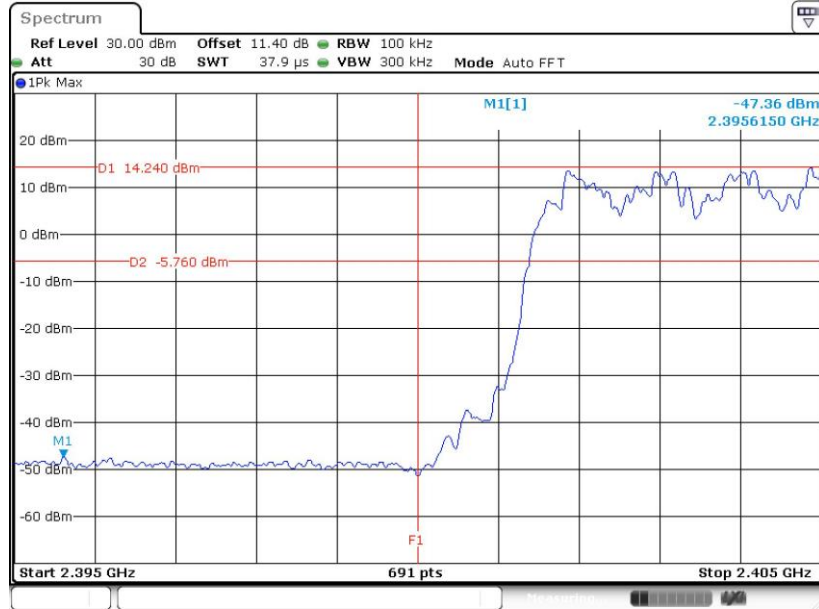
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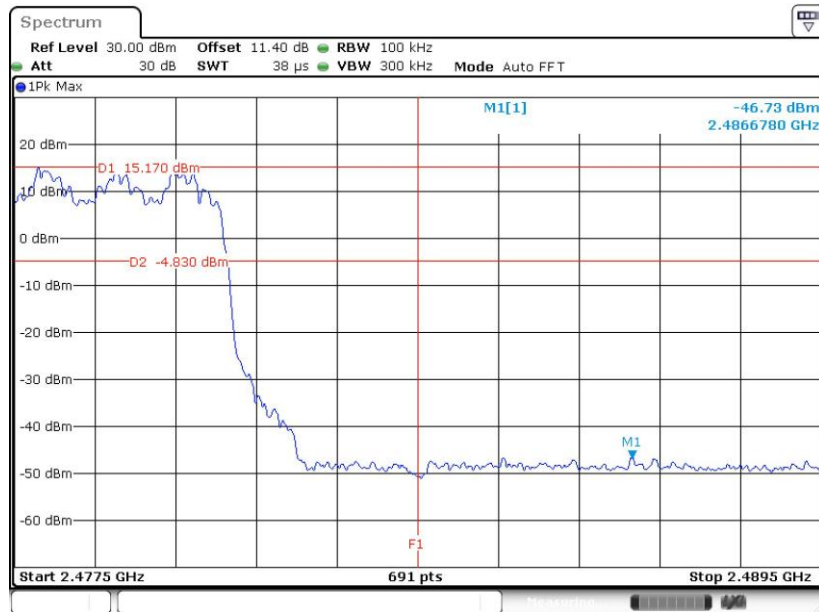
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Hopping Mode Low Band Edge Plot

Date: 5.JAN.2021 00:30:19

Hopping Mode High Band Edge Plot
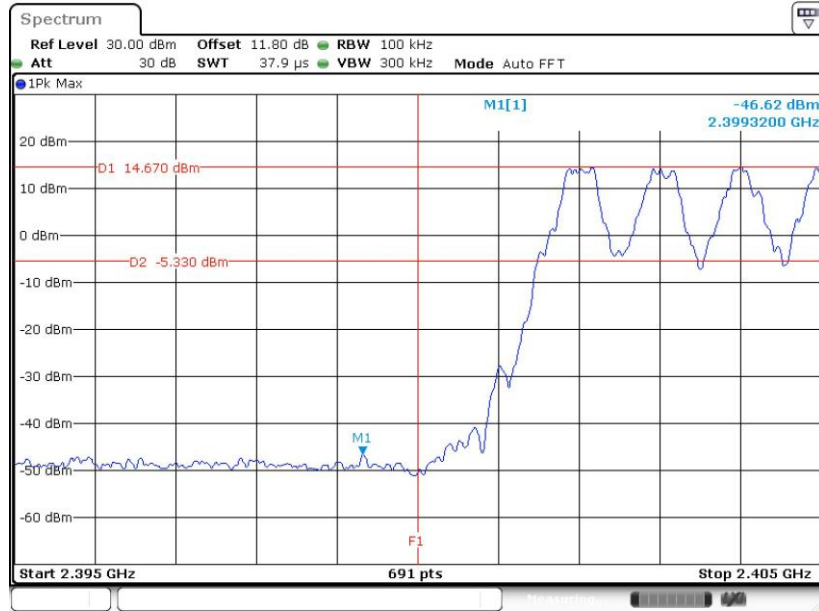
Date: 5.JAN.2021 00:30:35
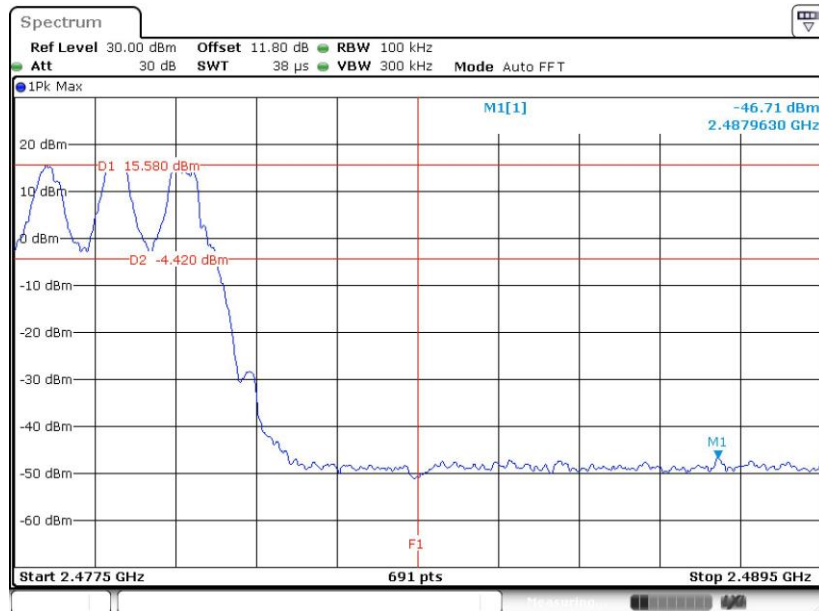
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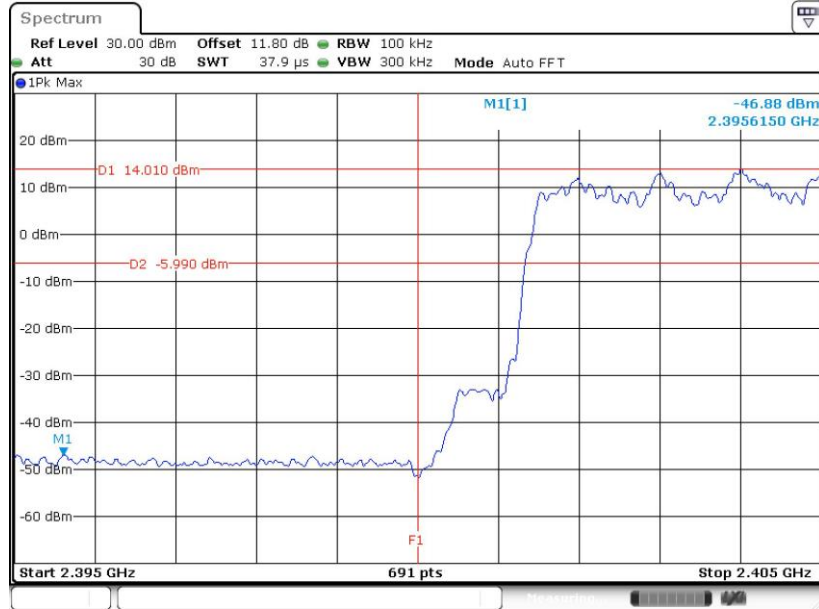
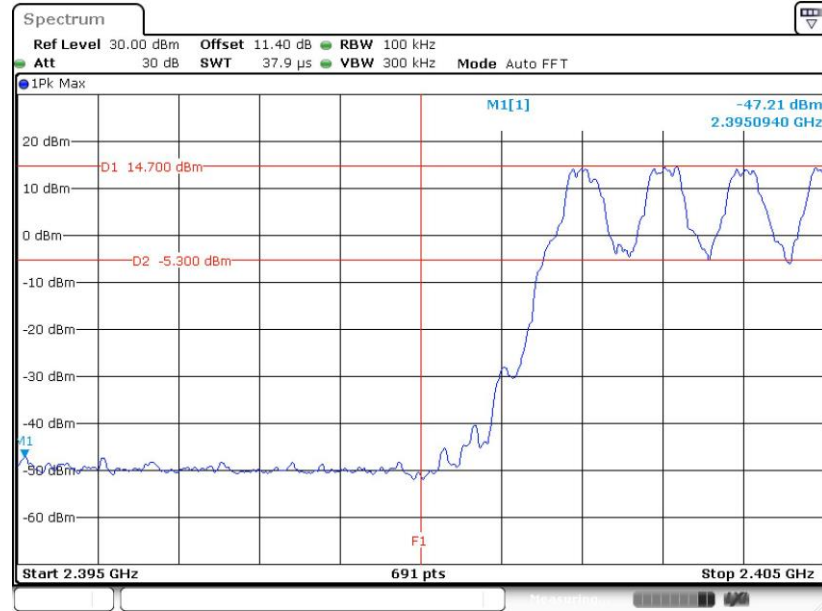Date: 5.JAN.2021 00:31:02

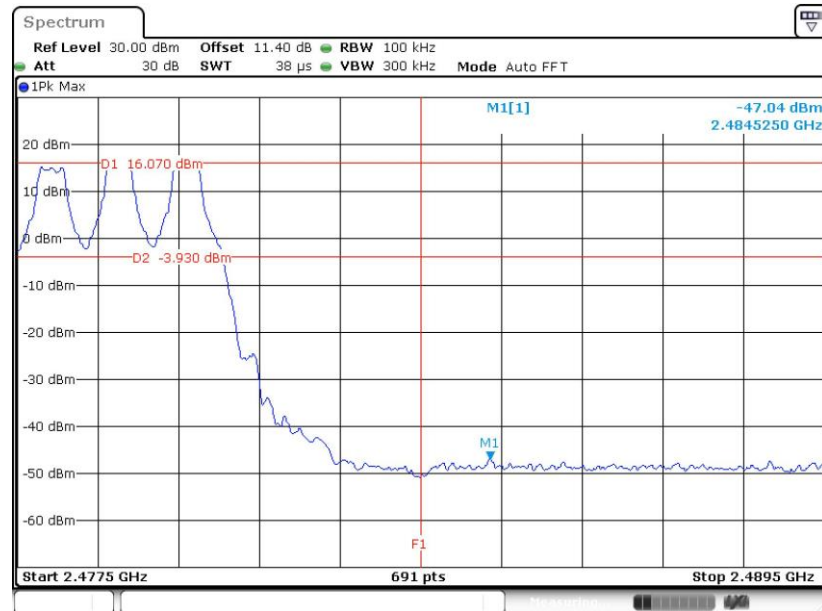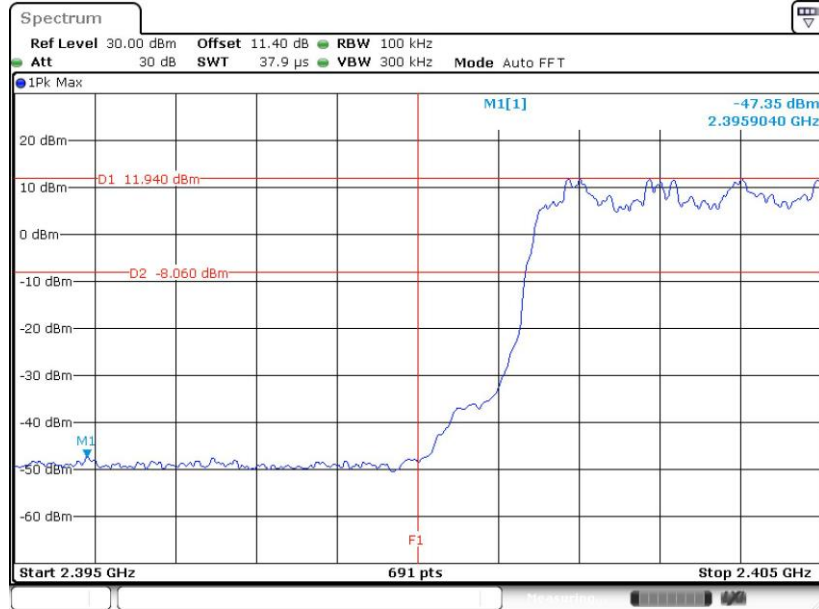**Hopping Mode High Band Edge Plot**
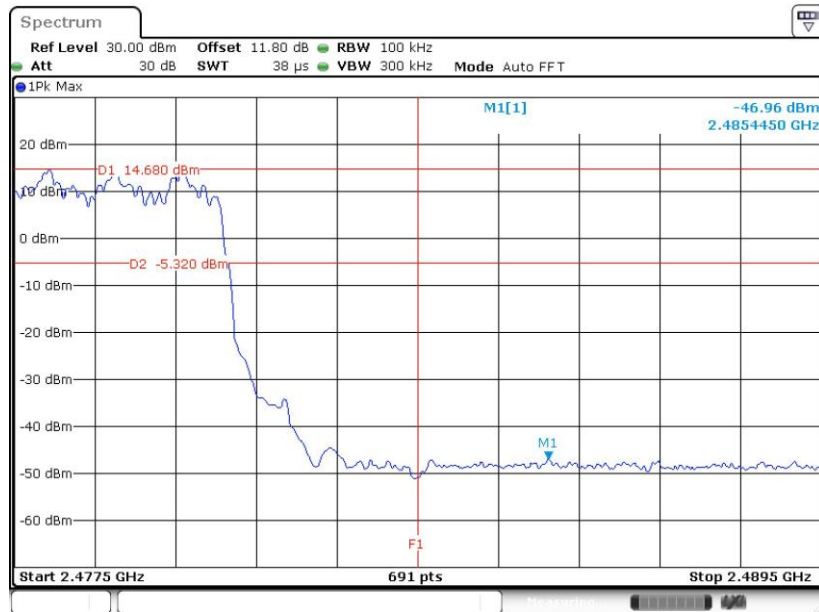
Date: 5.JAN.2021 00:31:27

<3Mbps>

Hopping Mode Low Band Edge Plot
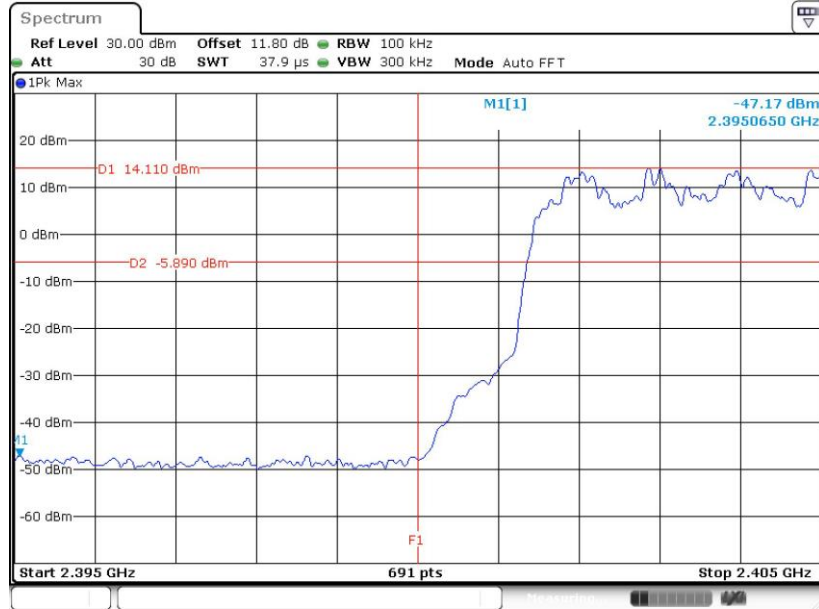
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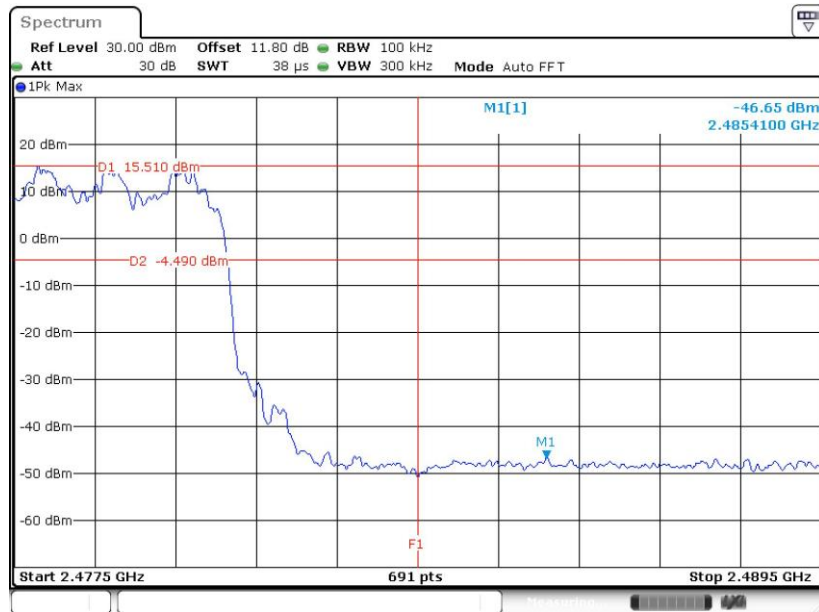
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<Camera Mode with Ant. 6>

<1Mbps>

Hopping Mode Low Band Edge Plot

Date: 30.DEC.2020 20:08:41

Hopping Mode High Band Edge Plot

Date: 30.DEC.2020 20:10:18

<2Mbps>

Hopping Mode Low Band Edge Plot

Date: 30.DEC.2020 20:12:02

Hopping Mode High Band Edge Plot
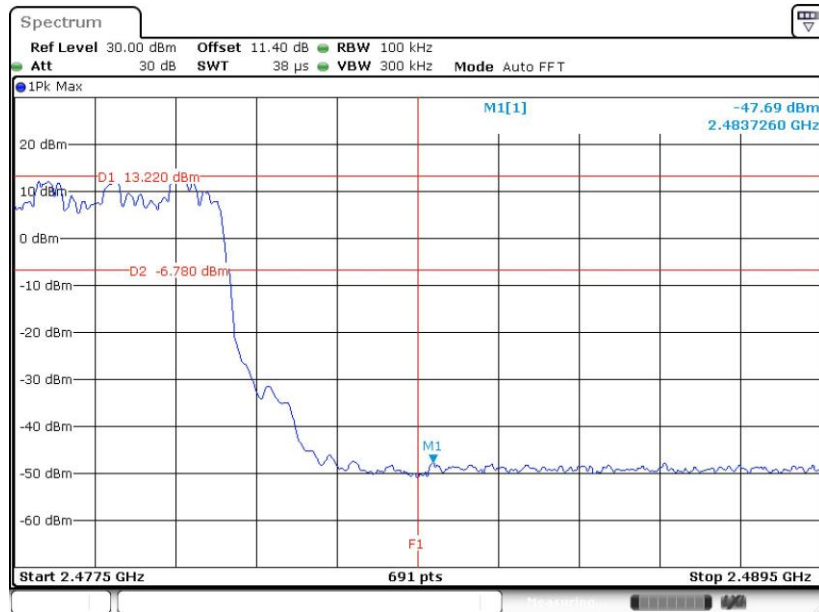
Date: 30.DEC.2020 20:12:42

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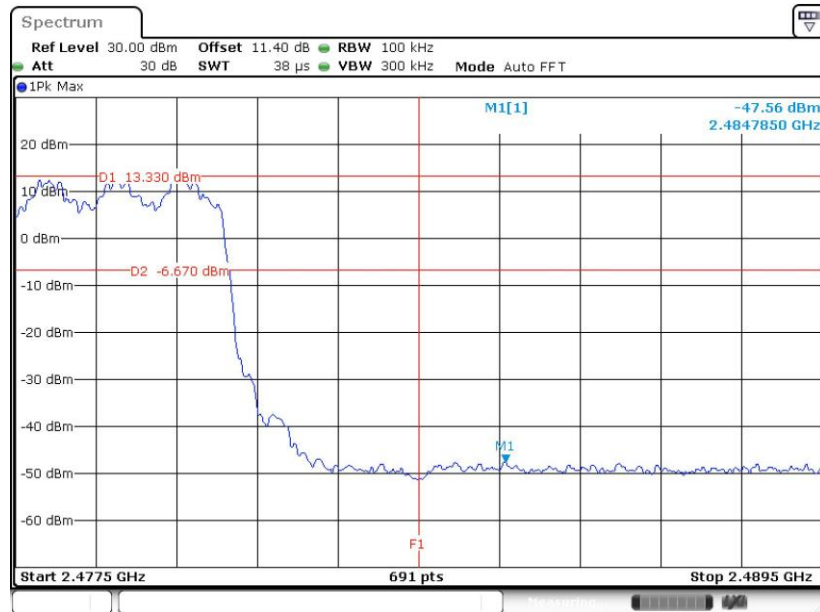**Hopping Mode Low Band Edge Plot**
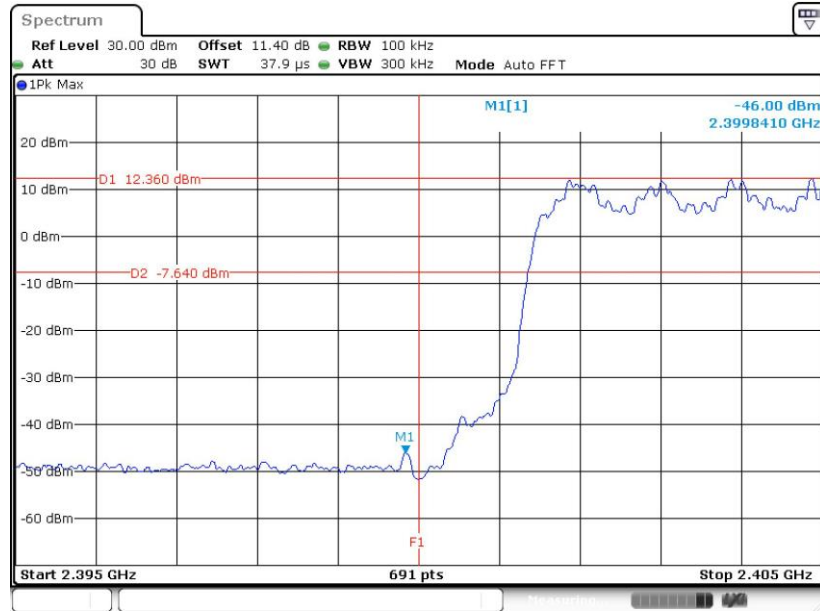
Date: 30.DEC.2020 20:13:50

Hopping Mode High Band Edge Plot

Date: 30.DEC.2020 20:14:36

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3.7 Conducted Spurious Emission Measurement

3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

3.7.2 Measuring Instruments

See list of measuring equipment of this test report.

3.7.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 7.8.8.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
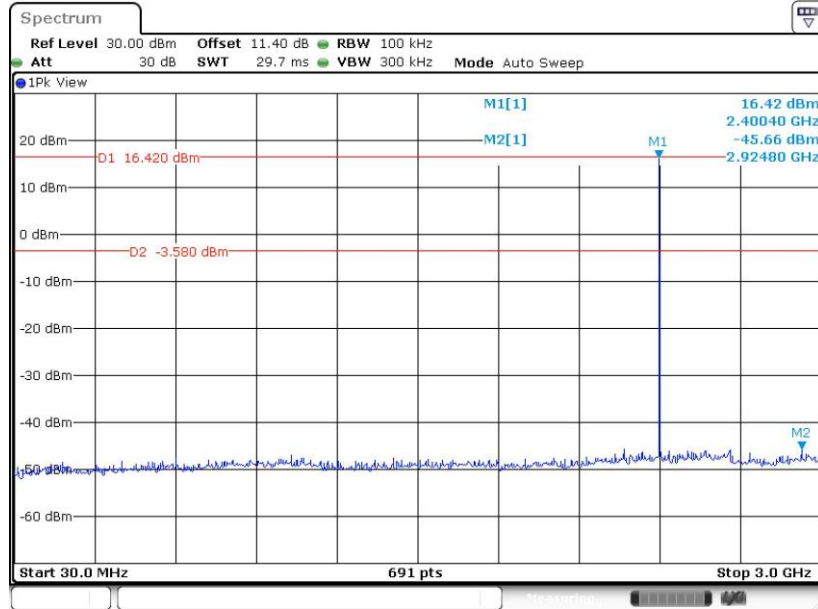
3.7.4 Test Setup

Spectrum Analyzer　　　　　　　　EUT
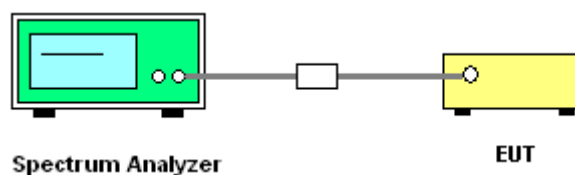
3.7.5 Test Result of Conducted Spurious Emission

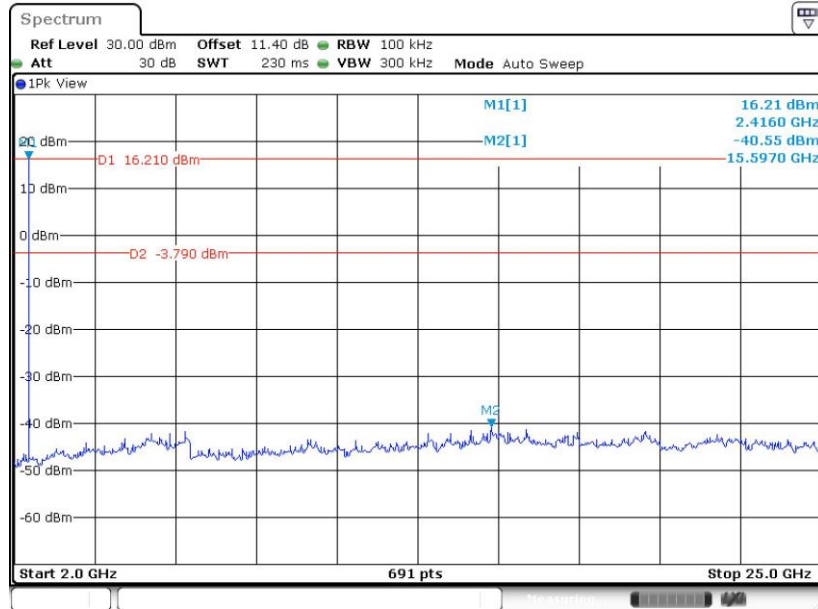**<Normal Mode with Ant. 4>**

<1Mbps>

CSE Plot on CH 00 between 30 MHz ~ 3 GHz

Date: 29.DEC.2020 23:46:49

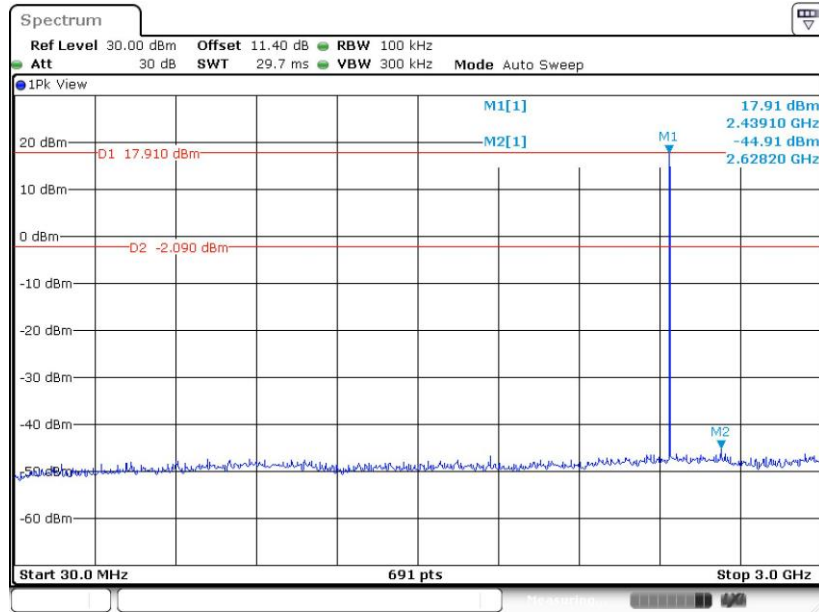**CSE Plot on CH 00 between 2 GHz ~ 25 GHz**
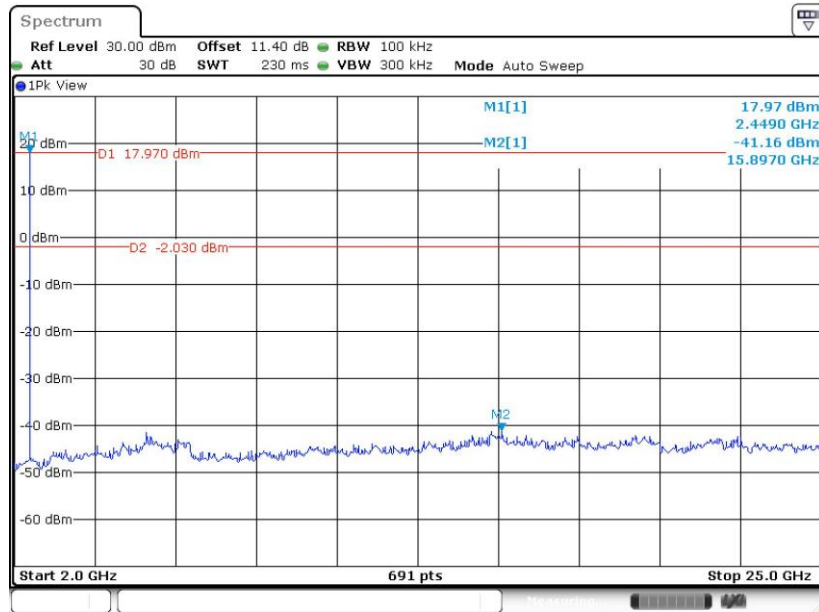

Date: 29.DEC.2020 23:47:19

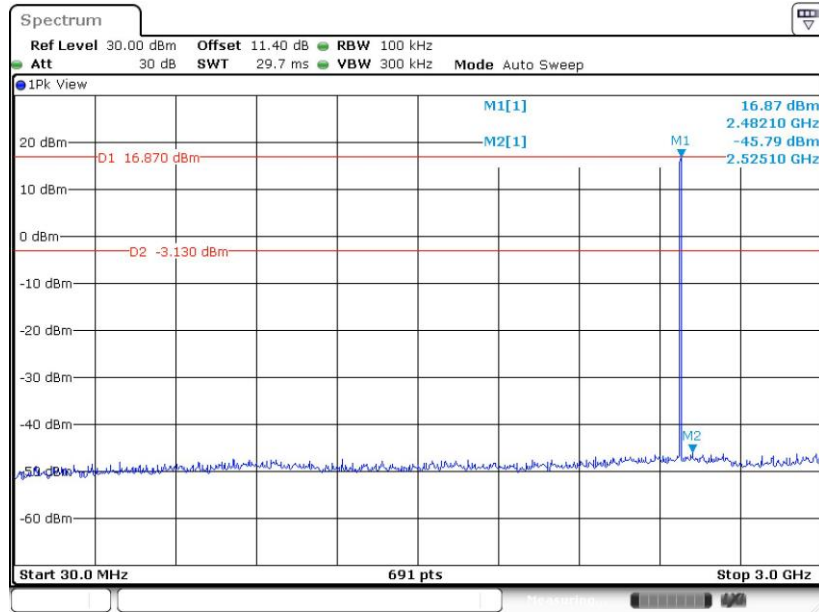### CSE Plot on CH 39 between 30 MHz ~ 3 GHz

Date: 29.DEC.2020 23:50:13

CSE Plot on CH 39 between 2 GHz ~ 25 GHz
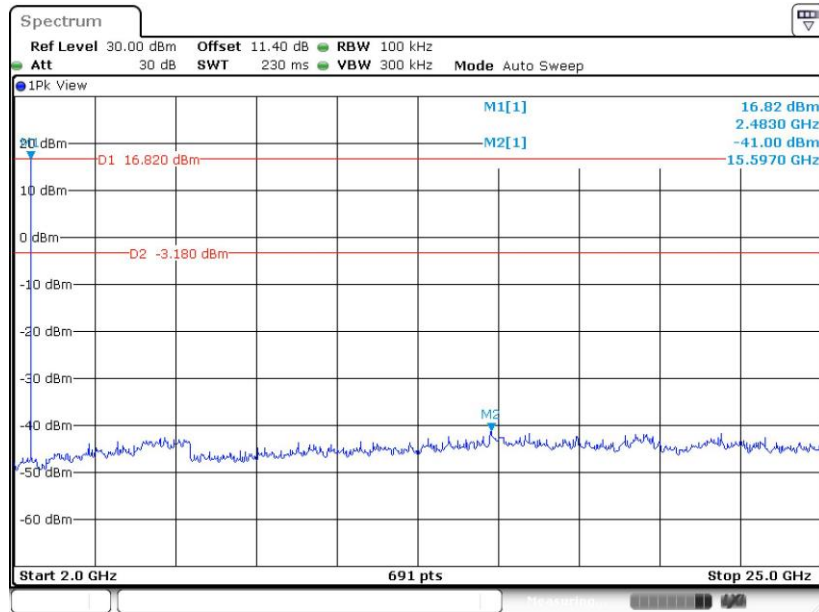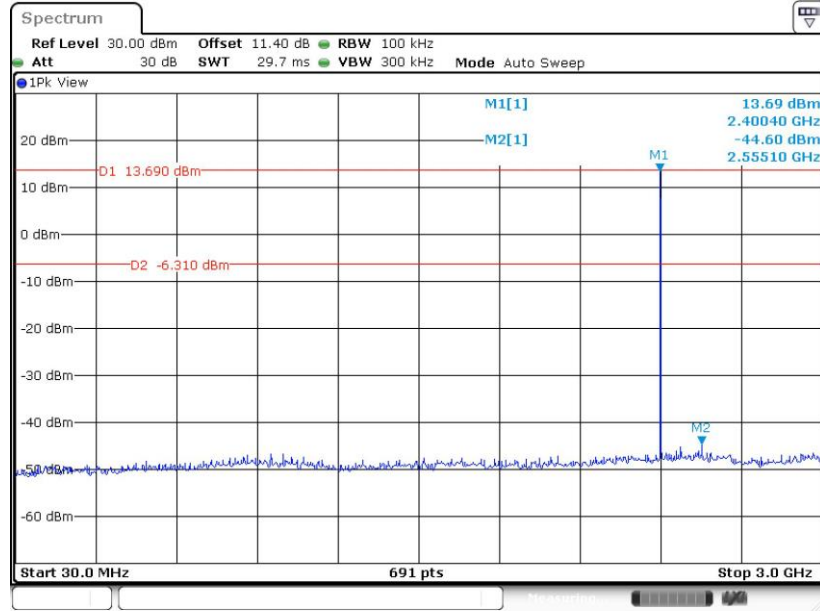

Date: 29.DEC.2020 23:50:43

CSE Plot on CH 78 between 30 MHz ~ 3 GHz

Date: 29.DEC.2020 23:57:57

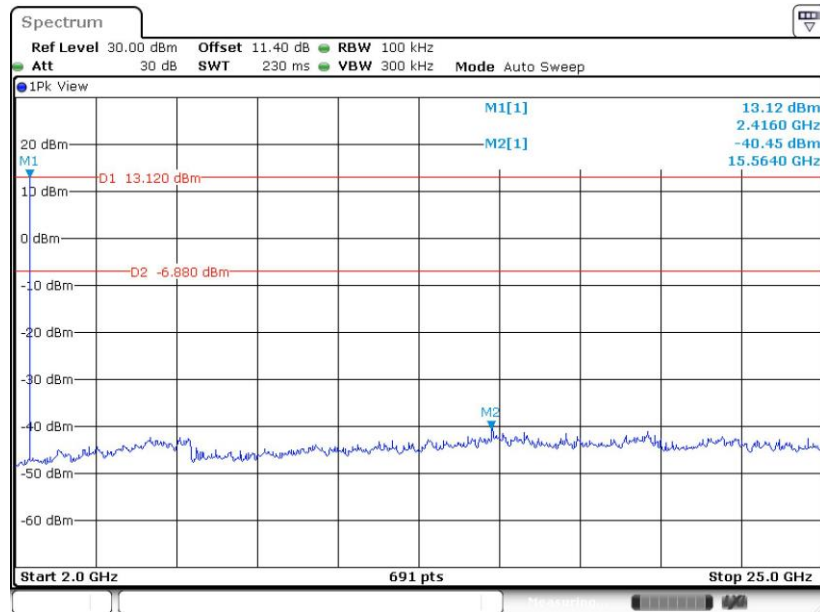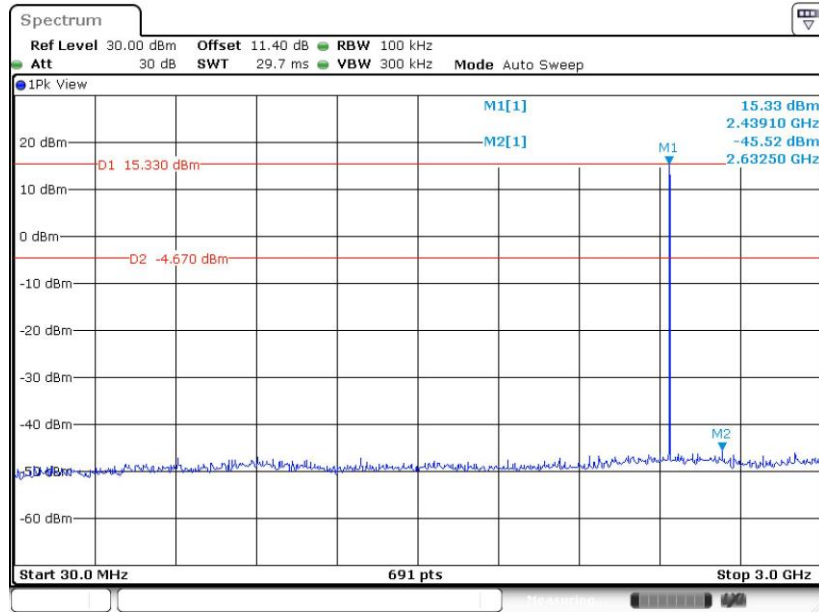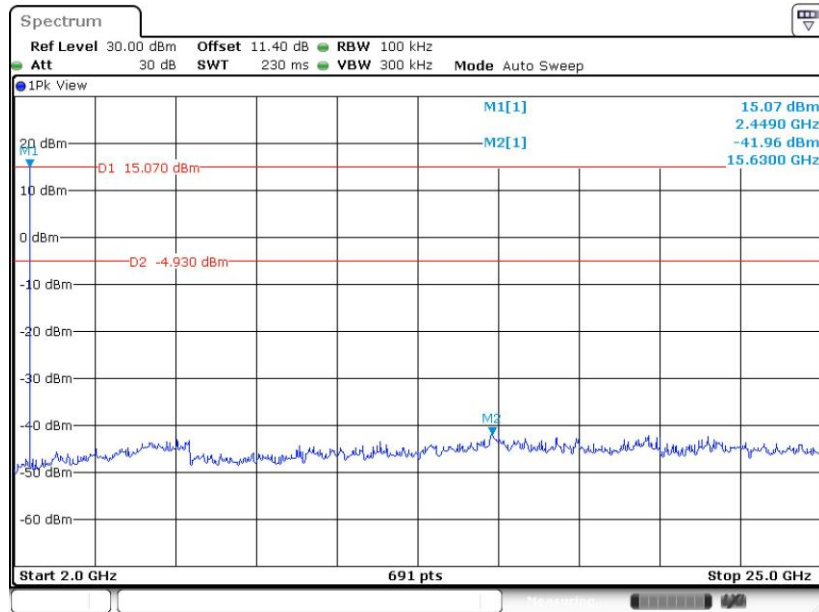### CSE Plot on CH 78 between 2 GHz ~ 25 GHz

Date: 29.DEC.2020 23:58:28

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<2Mbps>

CSE Plot on CH 00 between 30 MHz ~ 3 GHz

Date: 30.DEC.2020 00:03:18

CSE Plot on CH 00 between 2 GHz ~ 25 GHz

Date: 30.DEC.2020 00:05:18

CSE Plot on CH 39 between 30 MHz ~ 3 GHz
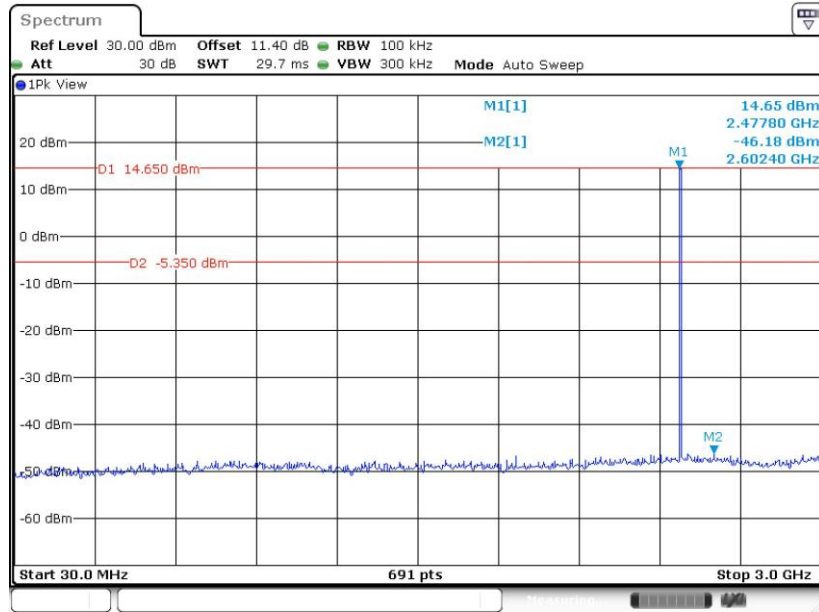

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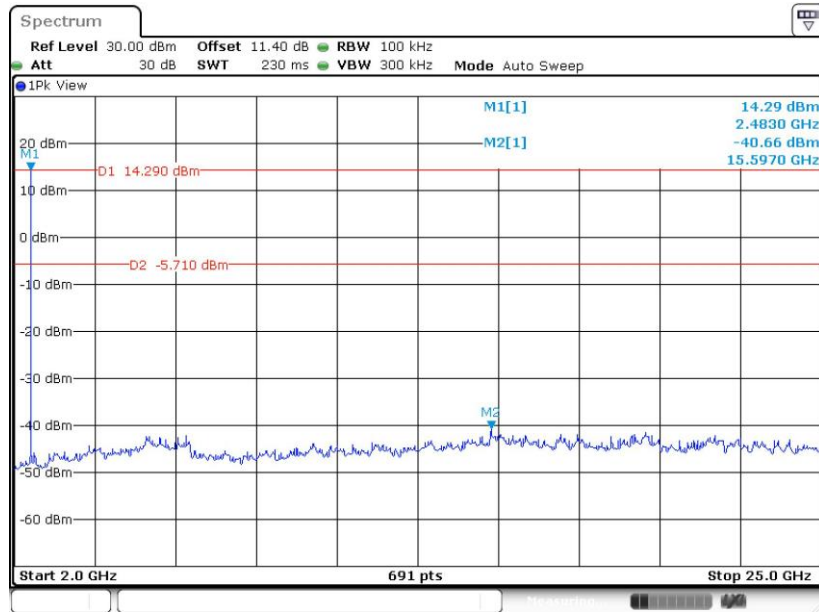## CSE Plot on CH 39 between 2 GHz ~ 25 GHz

Date: 30.DEC.2020 00:12:39

CSE Plot on CH 78 between 30 MHz ~ 3 GHz

Date: 30.DEC.2020 00:17:37
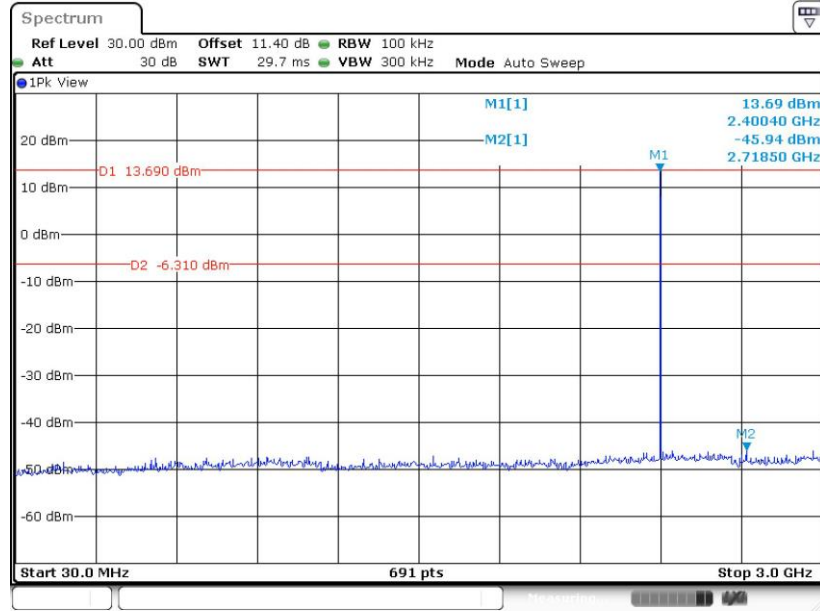
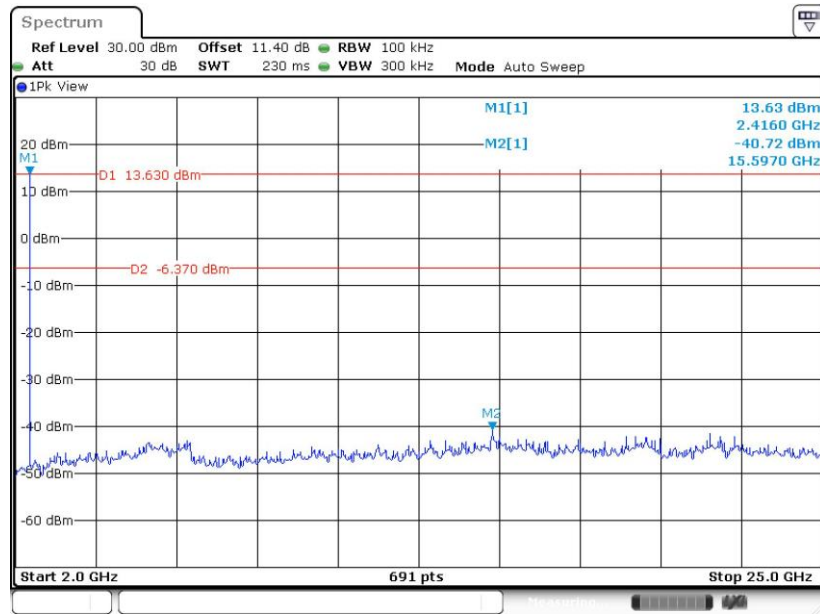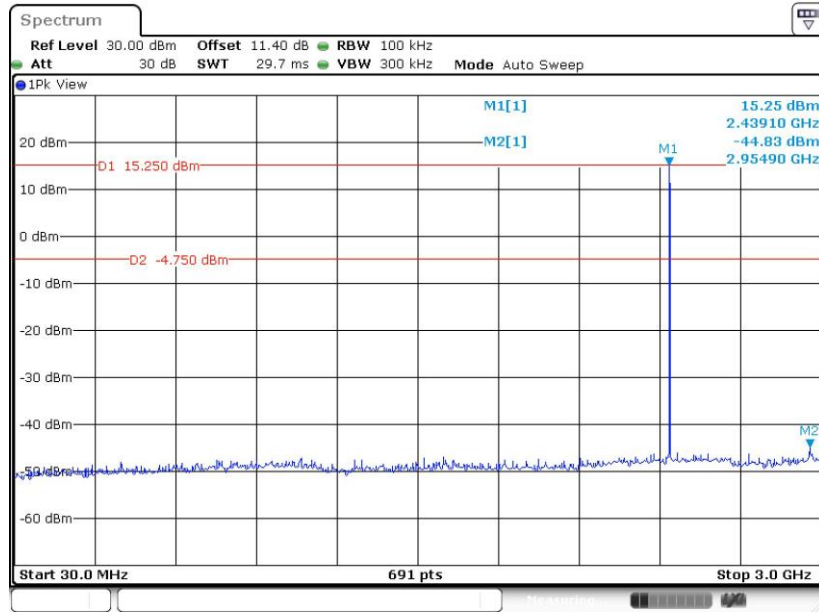### CSE Plot on CH 78 between 2 GHz ~ 25 GHz

Date: 30.DEC.2020 00:18:07

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<3Mbps>

CSE Plot on CH 00 between 30 MHz ~ 3 GHz

Date: 30.DEC.2020 00:22:04

CSE Plot on CH 00 between 2 GHz ~ 25 GHz

Date: 30.DEC.2020 00:23:05
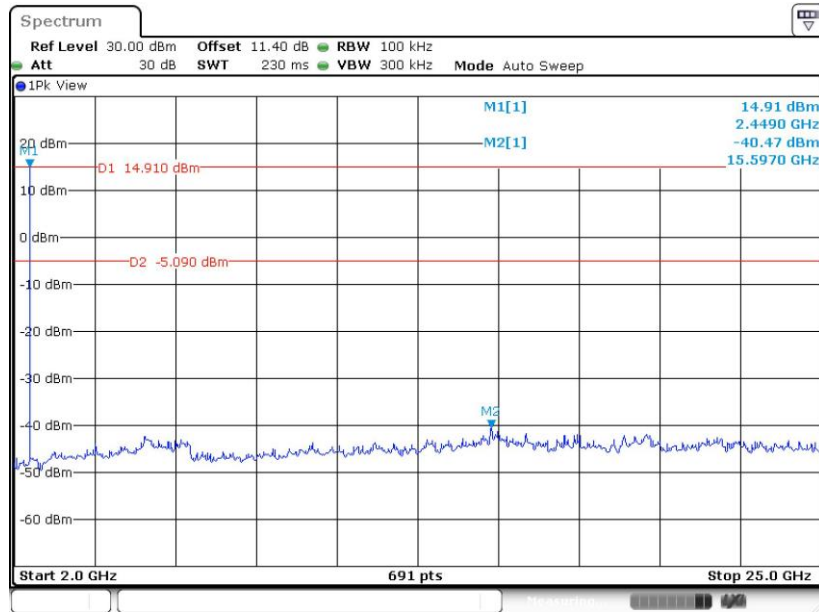
CSE Plot on CH 39 between 30 MHz ~ 3 GHz

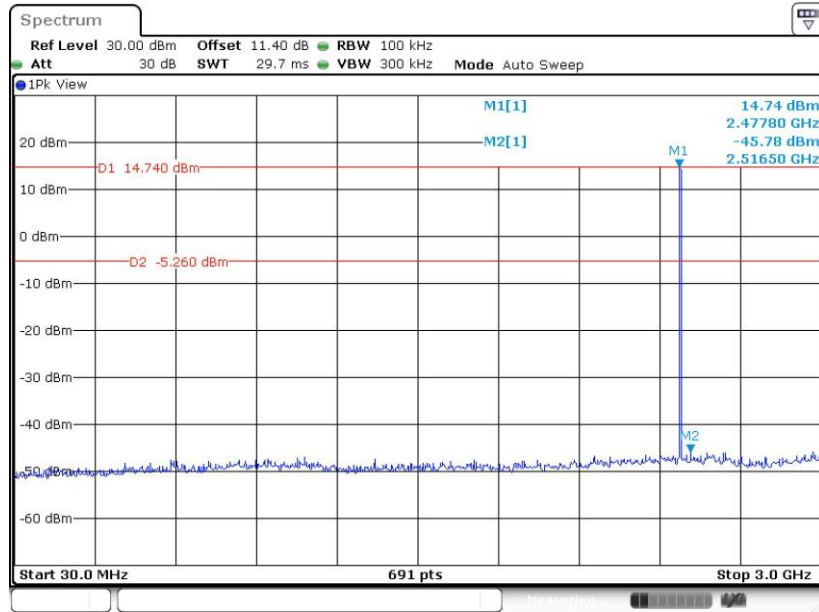Date: 30.DEC.2020 00:27:07

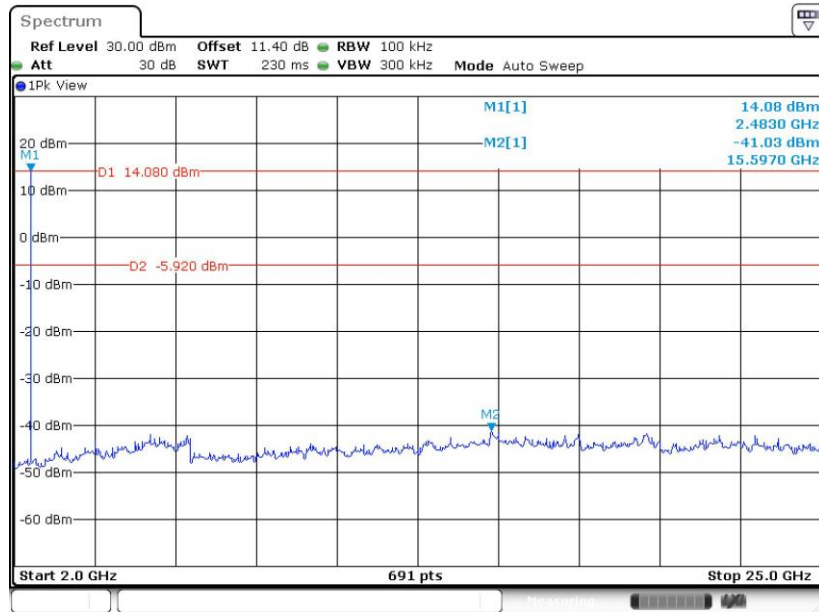### CSE Plot on CH 39 between 2 GHz ~ 25 GHz

Date: 30.DEC.2020 00:27:35

CSE Plot on CH 78 between 30 MHz ~ 3 GHz

Date: 30.DEC.2020 00:31:44

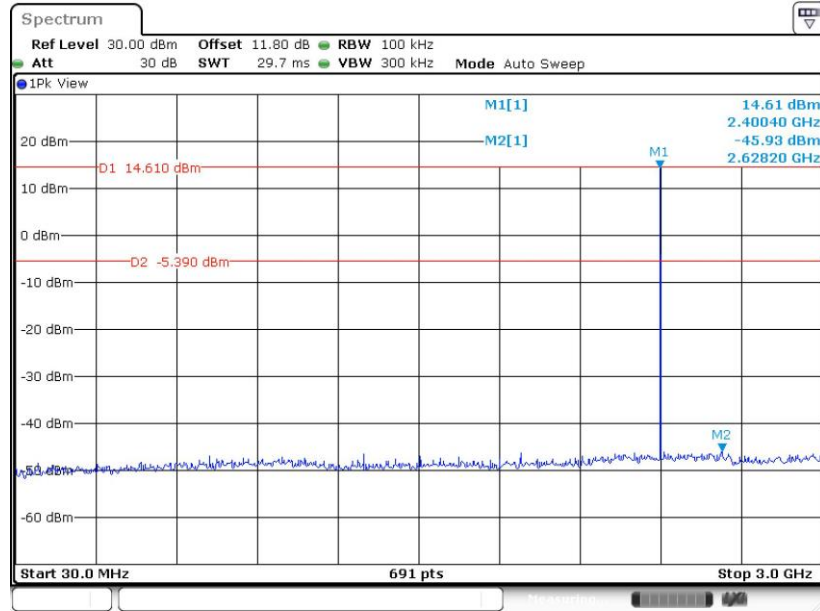### CSE Plot on CH 78 between 2 GHz ~ 25 GHz

Date: 30.DEC.2020 00:32:13

<Normal Mode with Ant. 5>
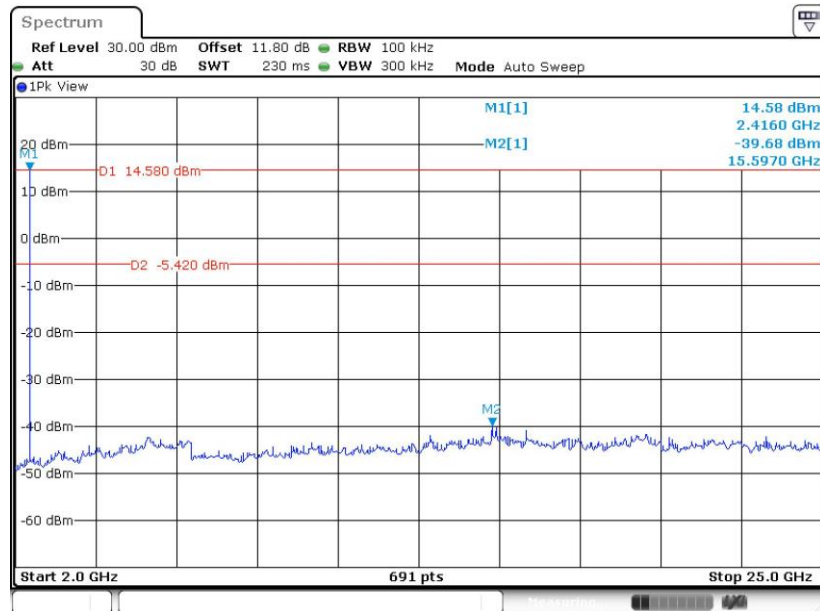
<1Mbps>

CSE Plot on CH 00 between 30 MHz ~ 3 GHz
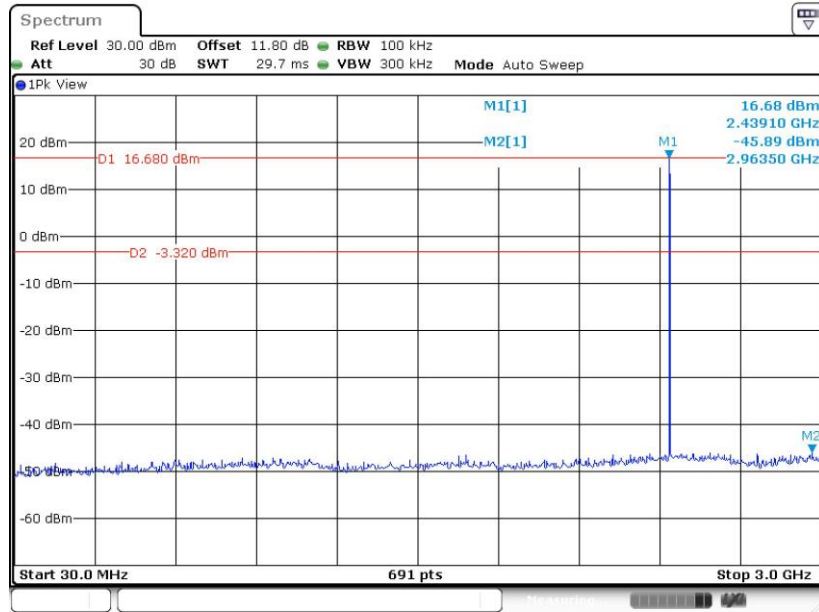

Date: 5.JAN.2021 00:35:46

CSE Plot on CH 00 between 2 GHz ~ 25 GHz

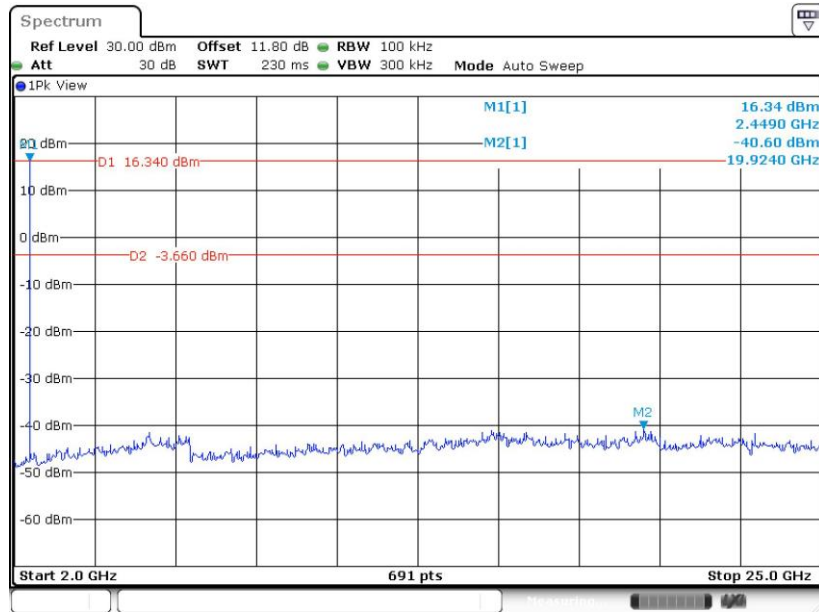Date: 5.JAN.2021 00:36:17

CSE Plot on CH 39 between 30 MHz ~ 3 GHz

Date: 5.JAN.2021 00:40:10

CSE Plot on CH 39 between 2 GHz ~ 25 GHz

Date: 5.JAN.2021 00:40:41