8.5 BAND EDGE MEASUREMENT

LIMIT

Part 27.53(c) (2) Band 13
On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
Part 27.53(c) (4) Band 13
(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations

Part 27.53(h) (4), Band 4
AWS emission limits—(1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB.

p is the transmitter power measured in watts and **X** is 6 MHz or the equipment occupied bandwidth, whichever is greater.

TEST PROCEDURES

KDB 971168 D01 Power Meas License Digital Systems – Section 6.0
1. RBW ≥ 1% of the emission bandwidth
2. VBW ≥ 3 x RBW
3. Span was set large enough so as to capture all out of emissions near the band edge.

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TEST RESULTS:

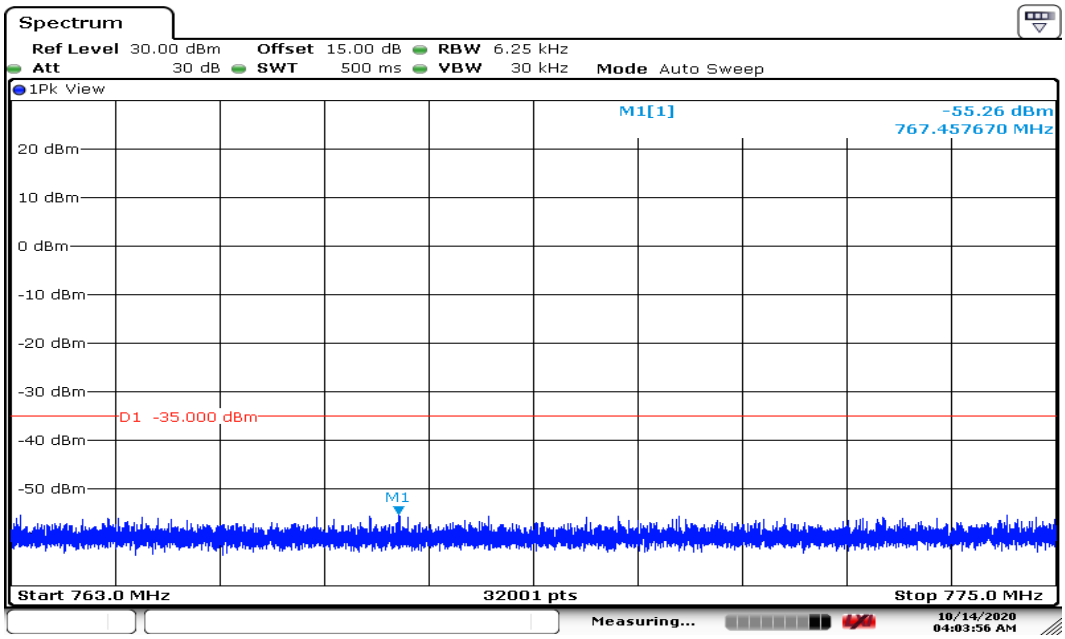
LTE Band 13

Temperature: 24℃ **Humidity:** 50% RH

Tested by: Dally Hong

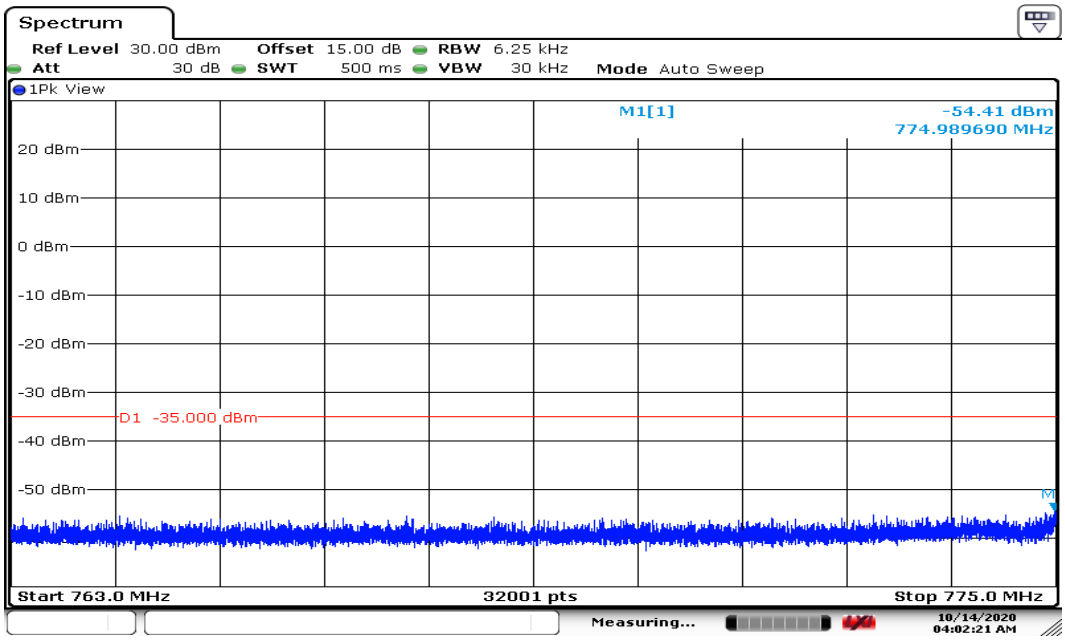
CHANNEL BANDWIDTH: 5MHz / QPSK / 1 RB ALLOCATED / RBW = 6.25K

LOWER BAND EDGE



Date: 14.OCT.2020 04:03:56

HIGHER BAND EDGE



Date: 14.OCT.2020 04:02:21

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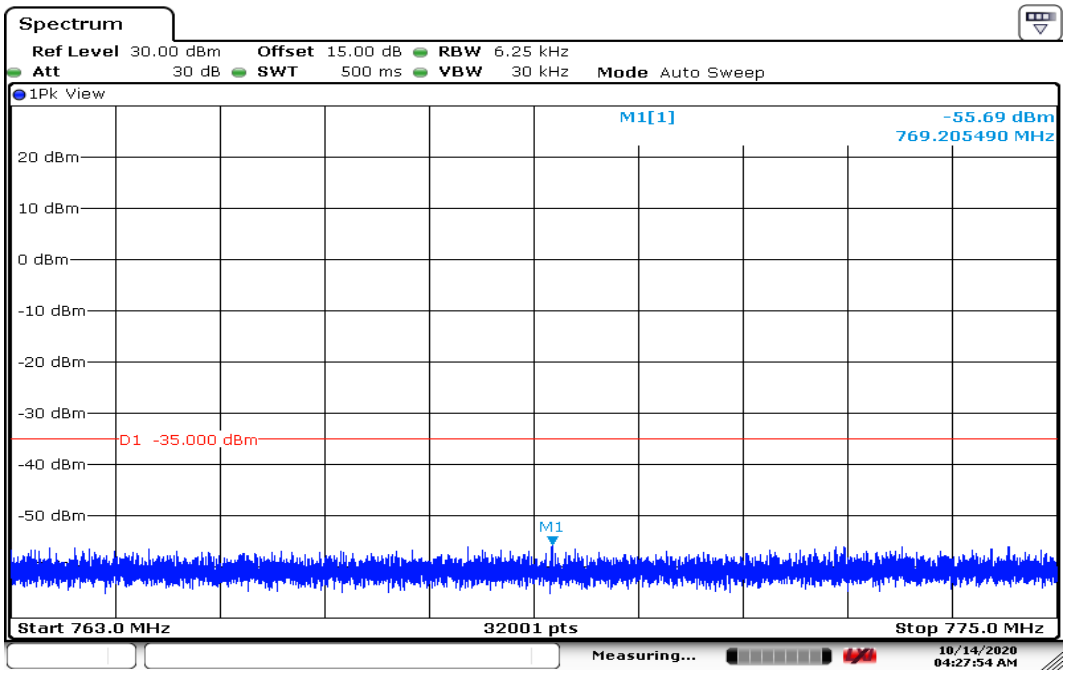
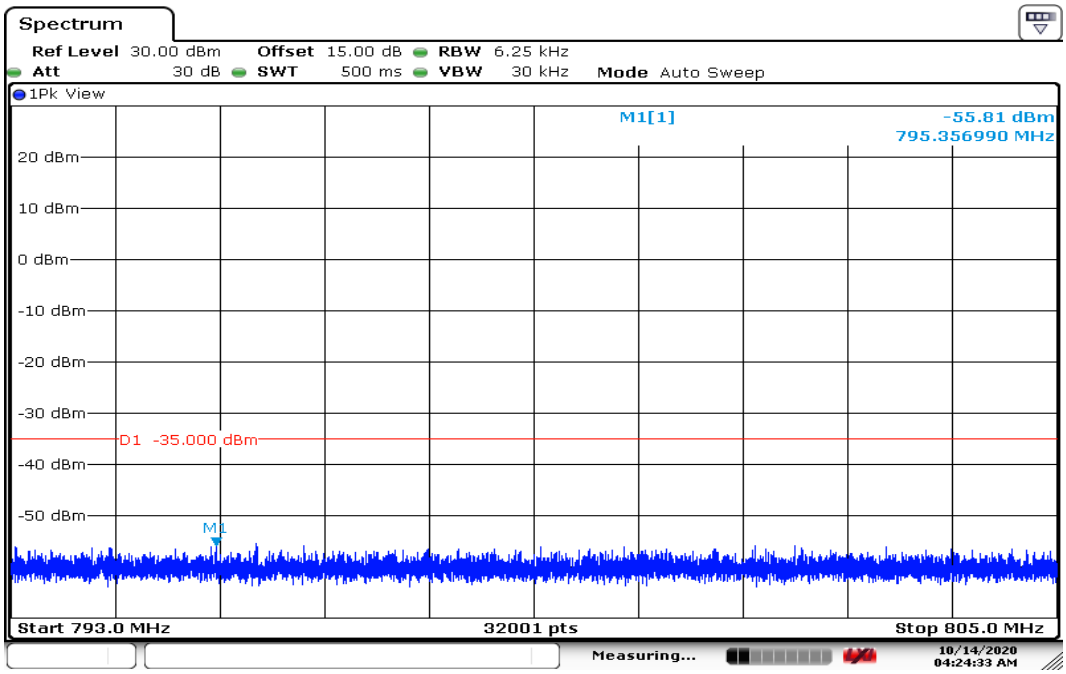
CHANNEL BANDWIDTH: 10MHz / QPSK / 1 RB ALLOCATED / RBW = 6.25K
LOW BAND EDGE



Date: 14.OCT.2020 04:27:54

HIGH BAND EDGE



Date: 14.OCT.2020 04:24:34

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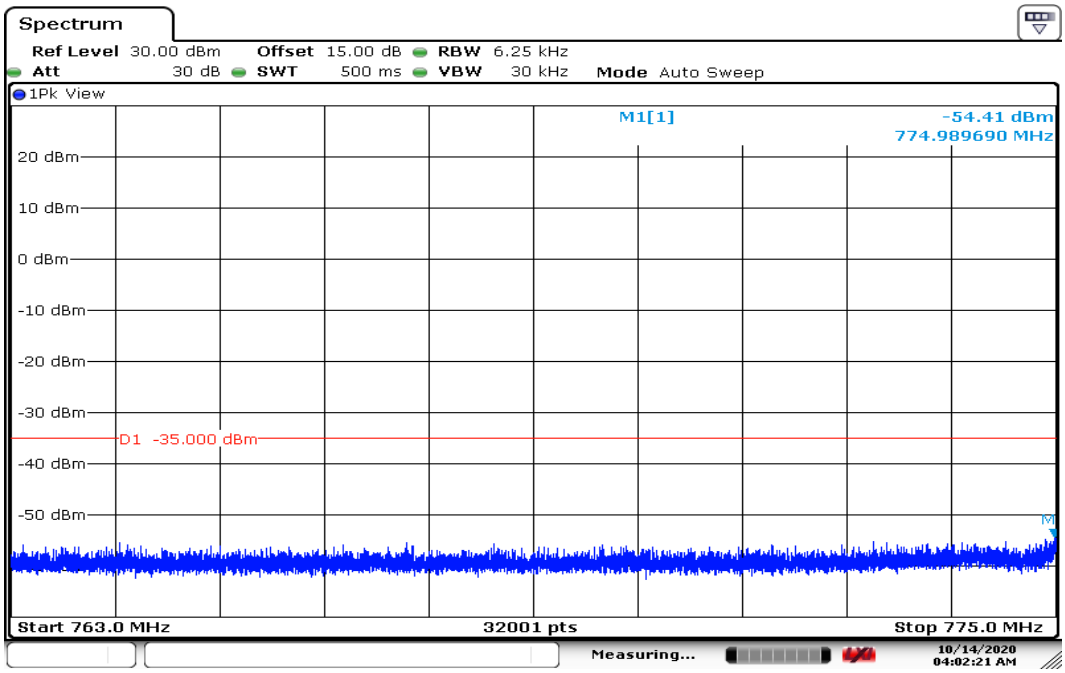
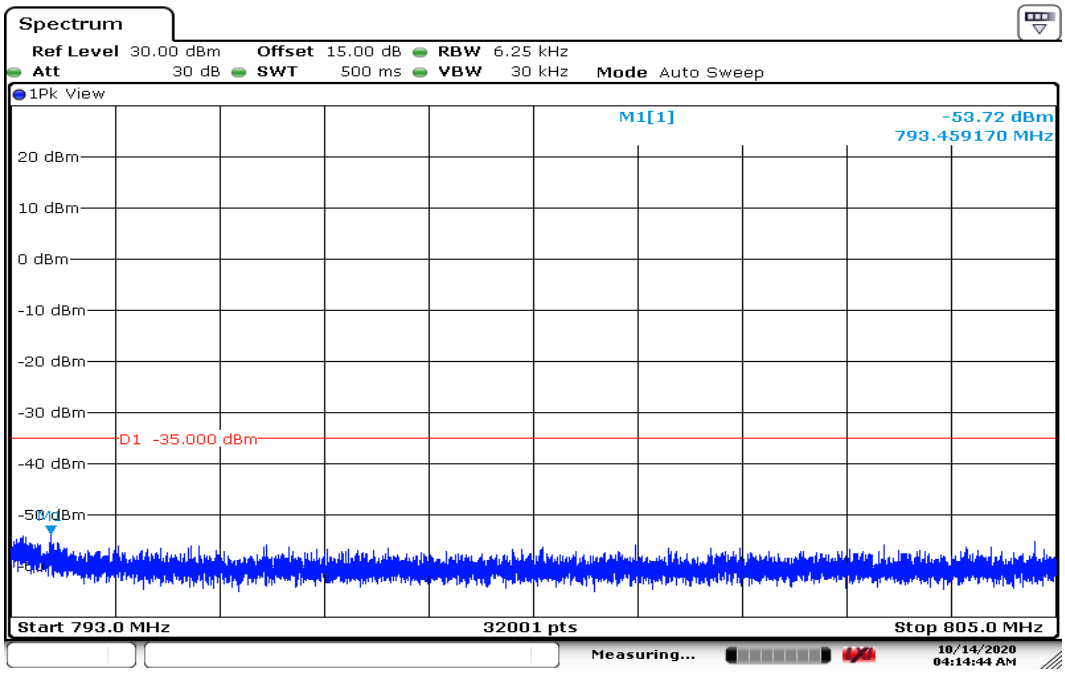
CHANNEL BANDWIDTH: 5MHz / QPSK / FULL RB ALLOCATED / RBW = 6.25K
LOWER BAND EDGE



Date: 14.OCT.2020 04:02:21

HIGHER BAND EDGE



Date: 14.OCT.2020 04:14:44

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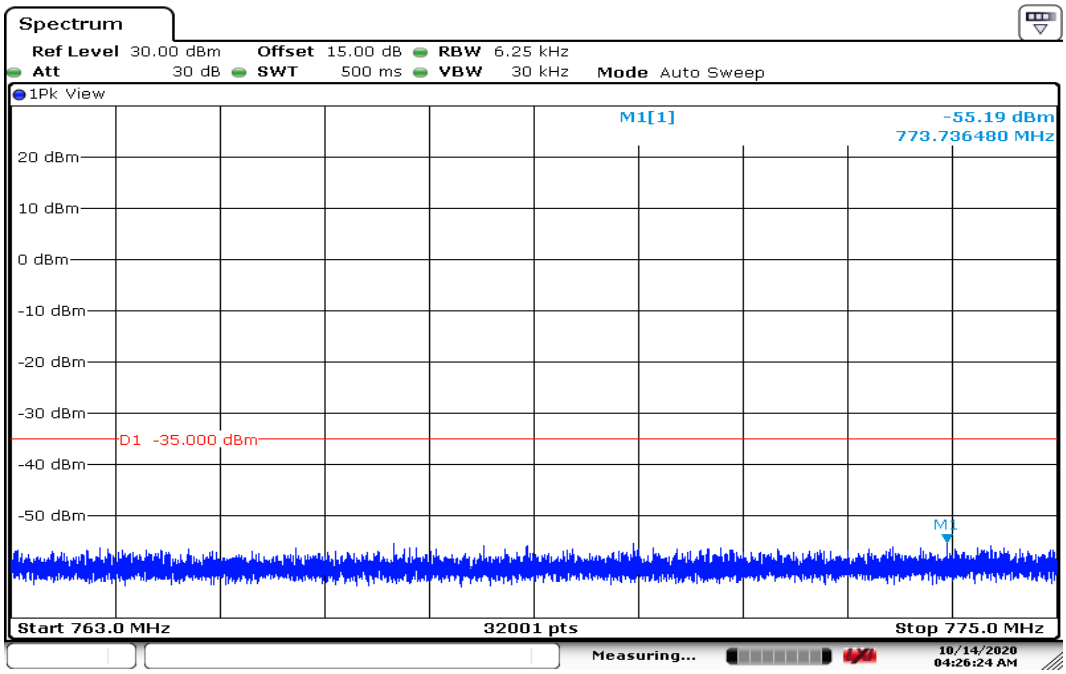
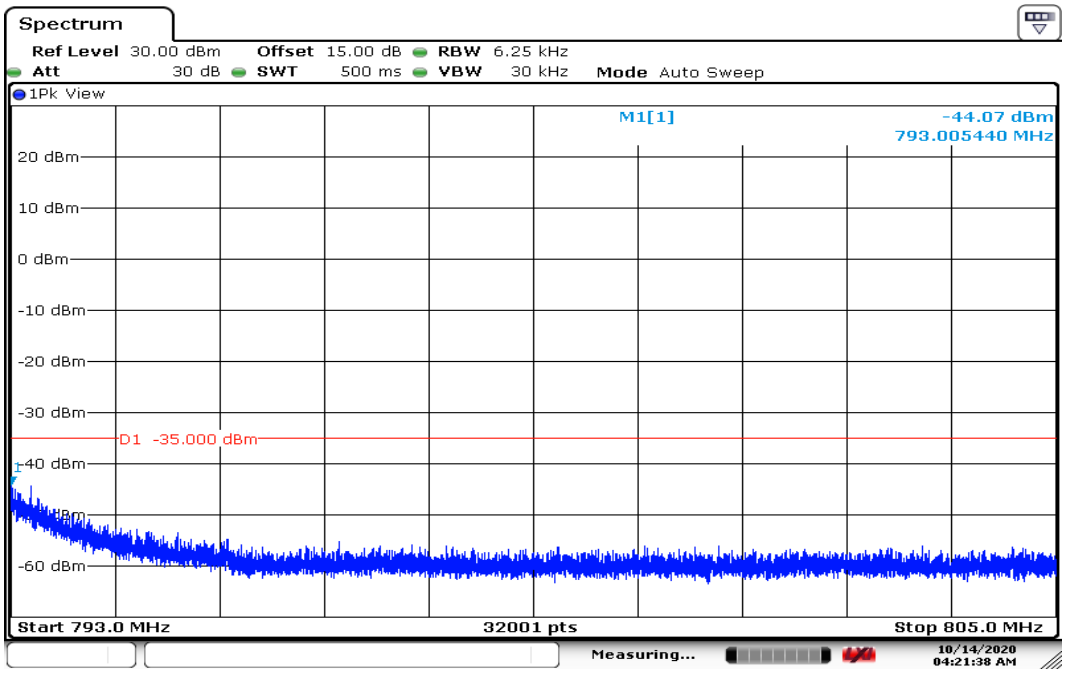
CHANNEL BANDWIDTH: 10MHz / QPSK / FULL RB ALLOCATED / RBW = 6.25K
LOWER BAND EDGE



Date: 14.OCT.2020 04:26:24

HIGHER BAND EDGE



Date: 14.OCT.2020 04:21:38

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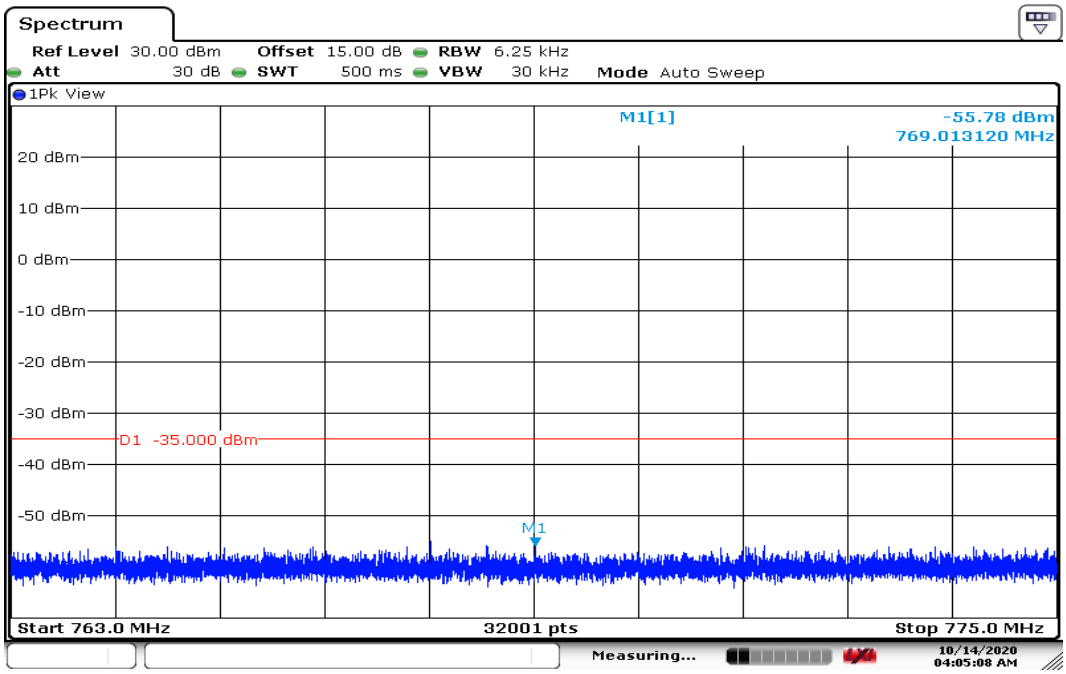
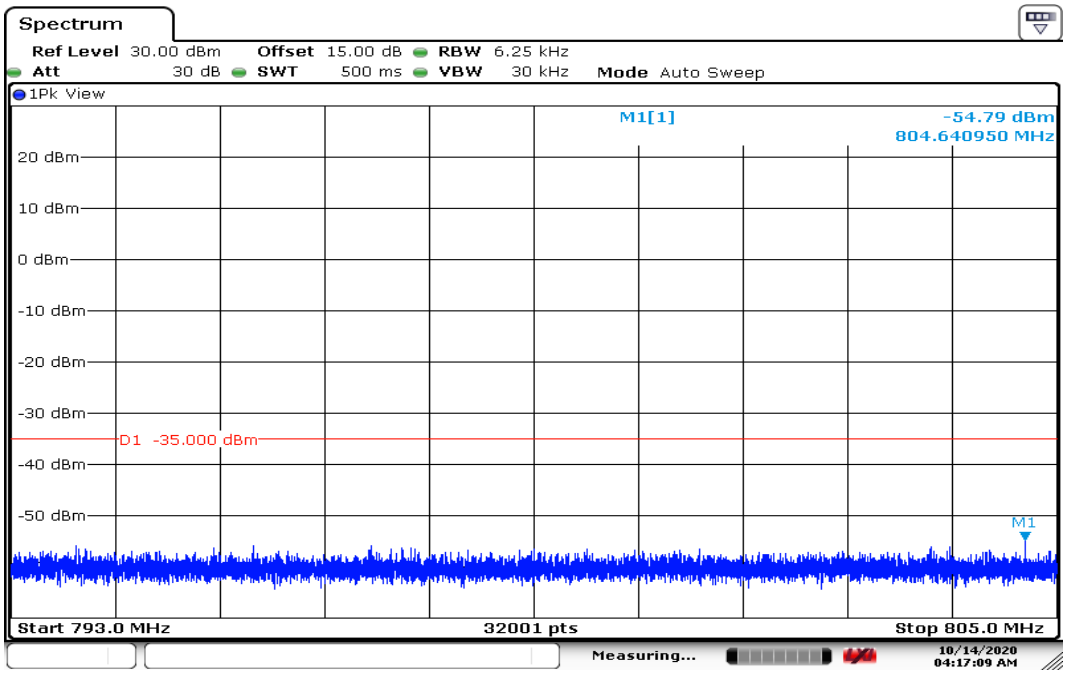
CHANNEL BANDWIDTH: 5MHz / 16QAM / 1RB ALLOCATED / RBW = 6.25K
LOWER BAND EDGE



Date: 14.OCT.2020 04:05:08

HIGHER BAND EDGE



Date: 14.OCT.2020 04:17:10

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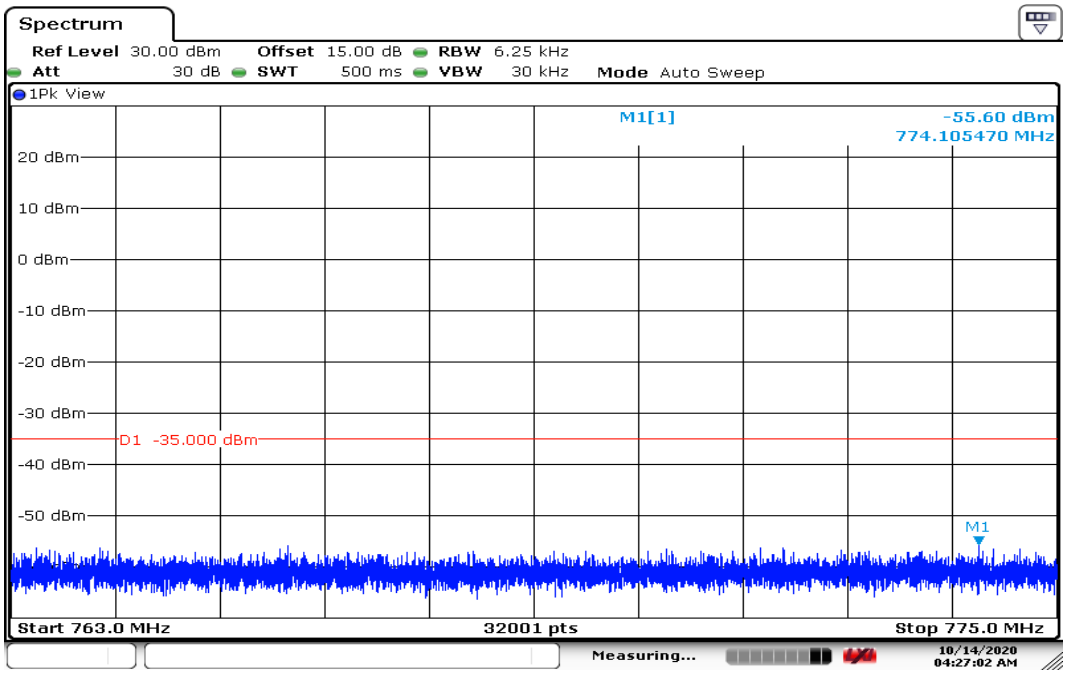
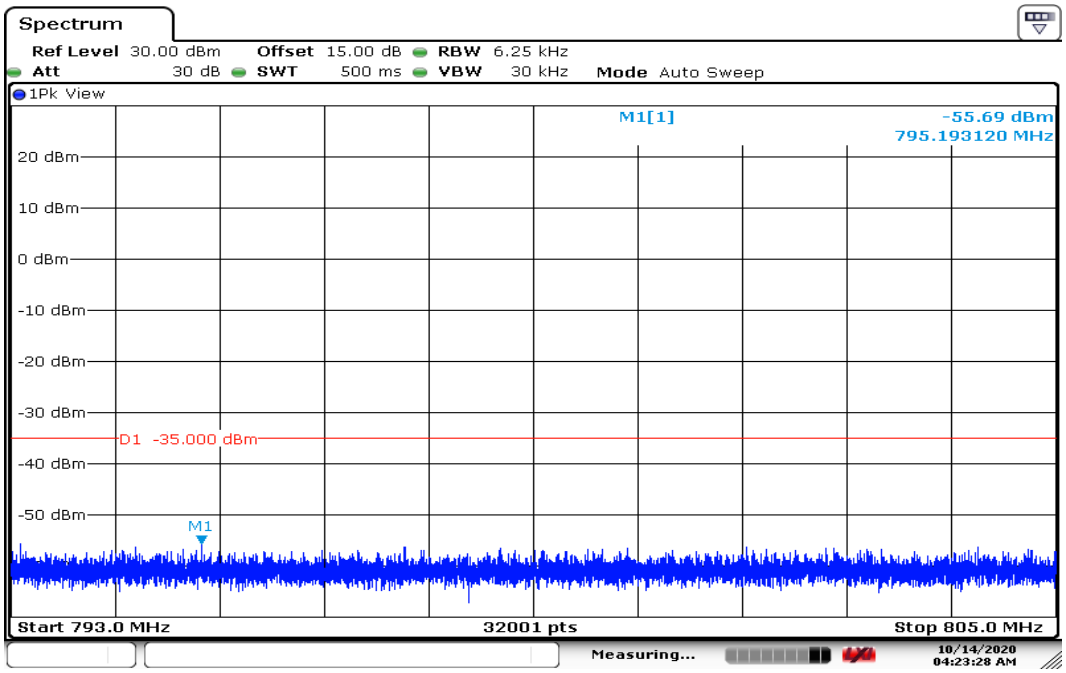
CHANNEL BANDWIDTH: 10MHz / 16QAM / 1RB ALLOCATED / RBW = 6.25K
LOWER BAND EDGE



Date: 14.OCT.2020 04:27:03

HIGHER BAND EDGE



Date: 14.OCT.2020 04:23:28

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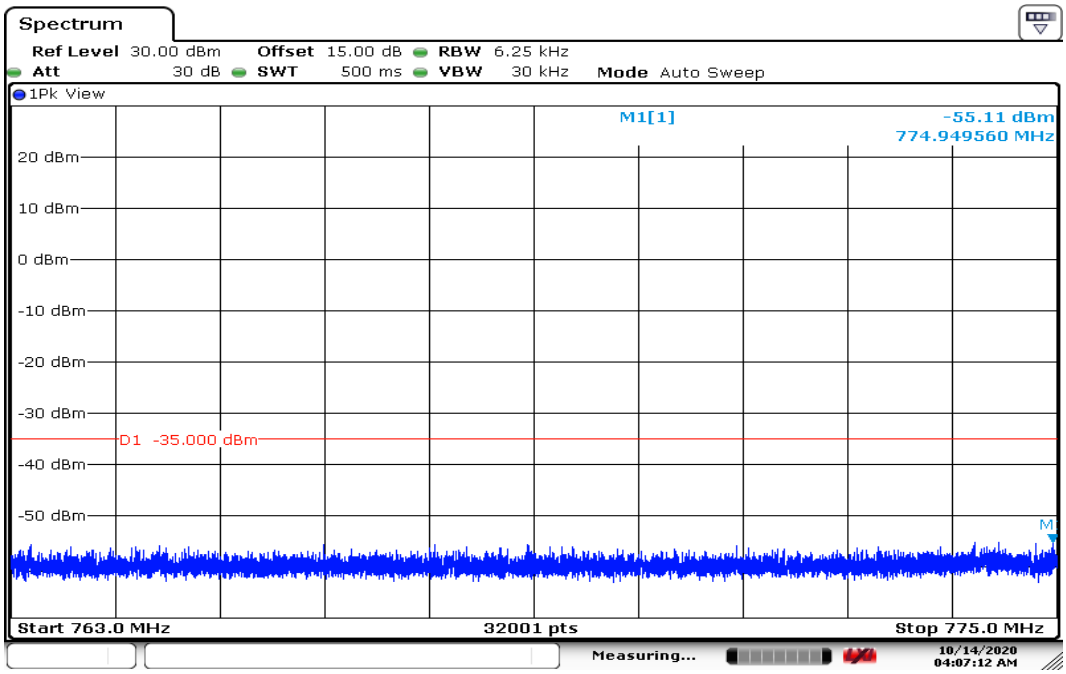
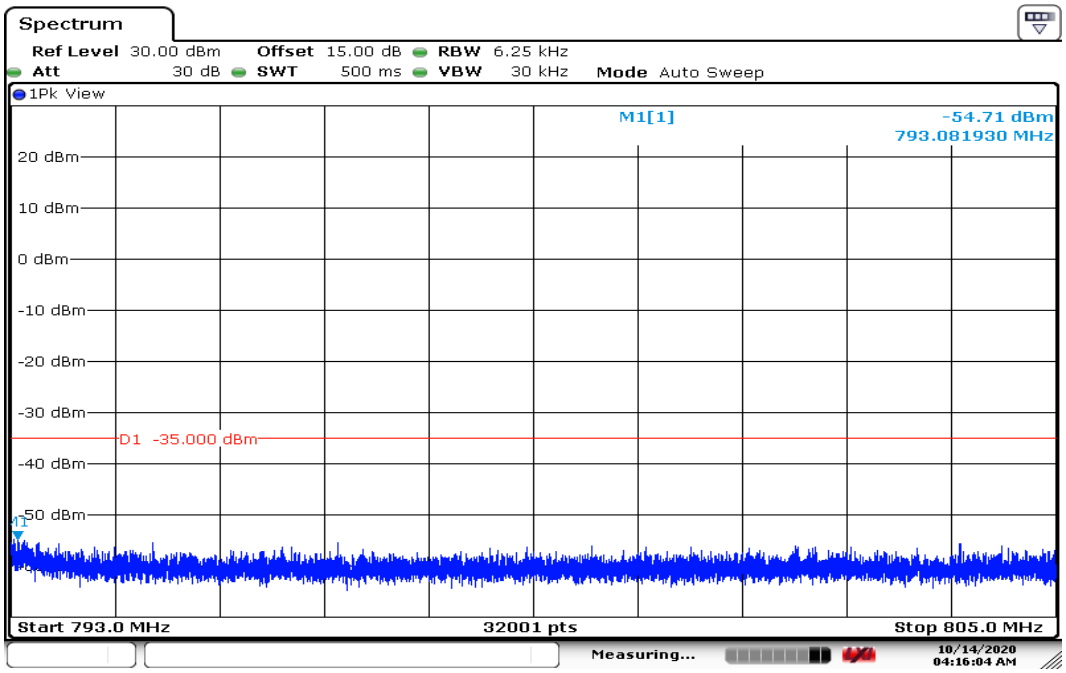
CHANNEL BANDWIDTH: 5MHz / 16QAM / FULLRB ALLOCATED / RBW = 6.25K
LOWER BAND EDGE



Date: 14.OCT.2020 04:07:12

HIGHER BAND EDGE



Date: 14.OCT.2020 04:16:05

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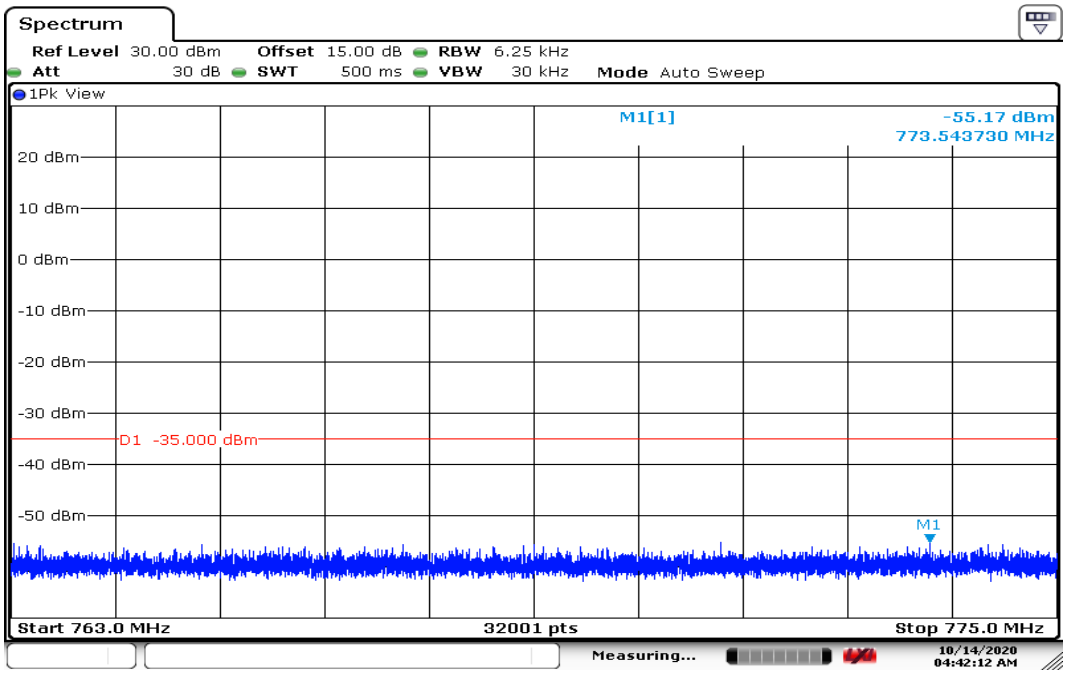
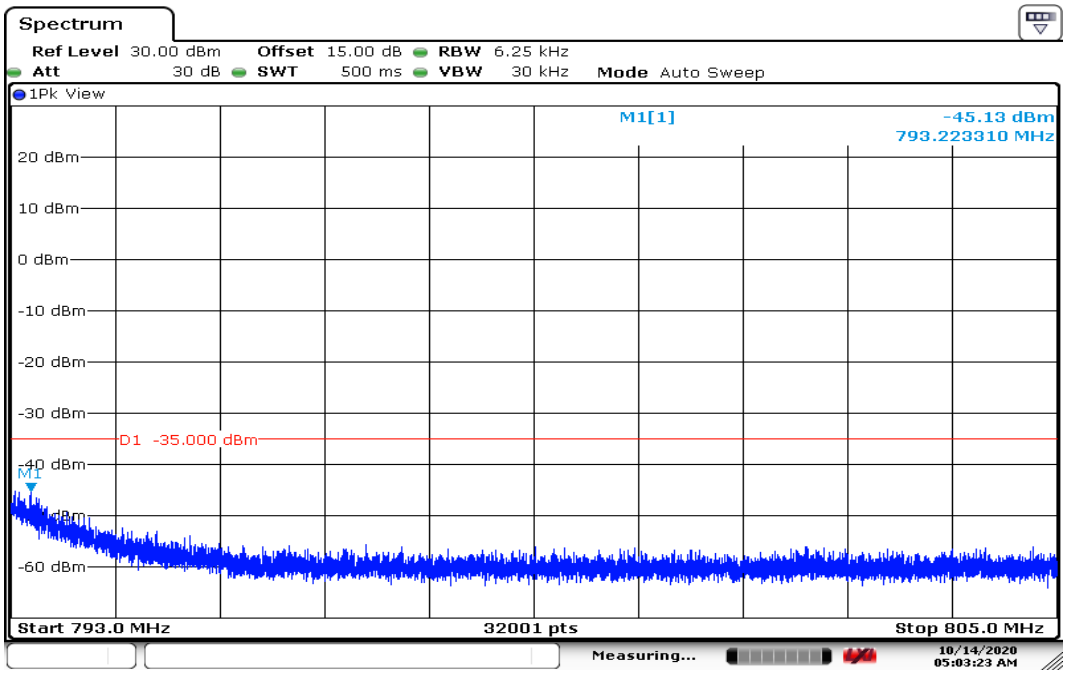
CHANNEL BANDWIDTH: 10MHz / 16QAM / FULLRB ALLOCATED / RBW = 6.25K
LOWER BAND EDGE



Date: 14.OCT.2020 04:42:12

HIGHER BAND EDGE



Date: 14.OCT.2020 05:03:24

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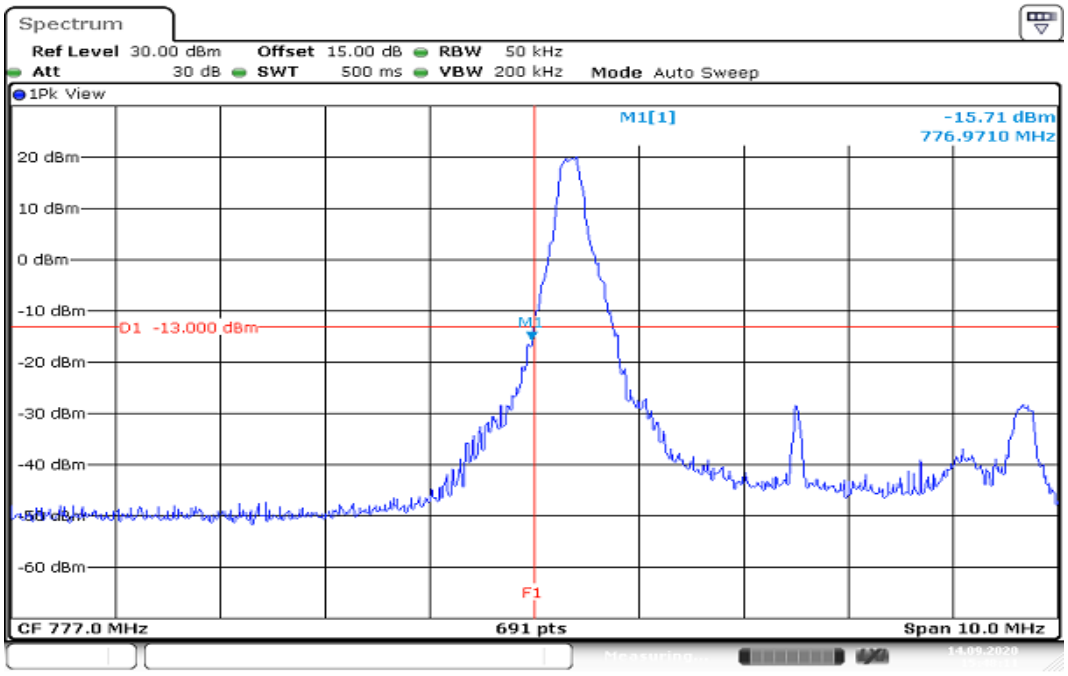
LTE Band 13

Temperature: 24℃ **Humidity:** 50% RH

Tested by: Jane Wang

CHANNEL BANDWIDTH: 5MHz / QPSK / 1 RB ALLOCATED
LOWER BAND EDGE



Date: 14.SEP.2020 15:48:11

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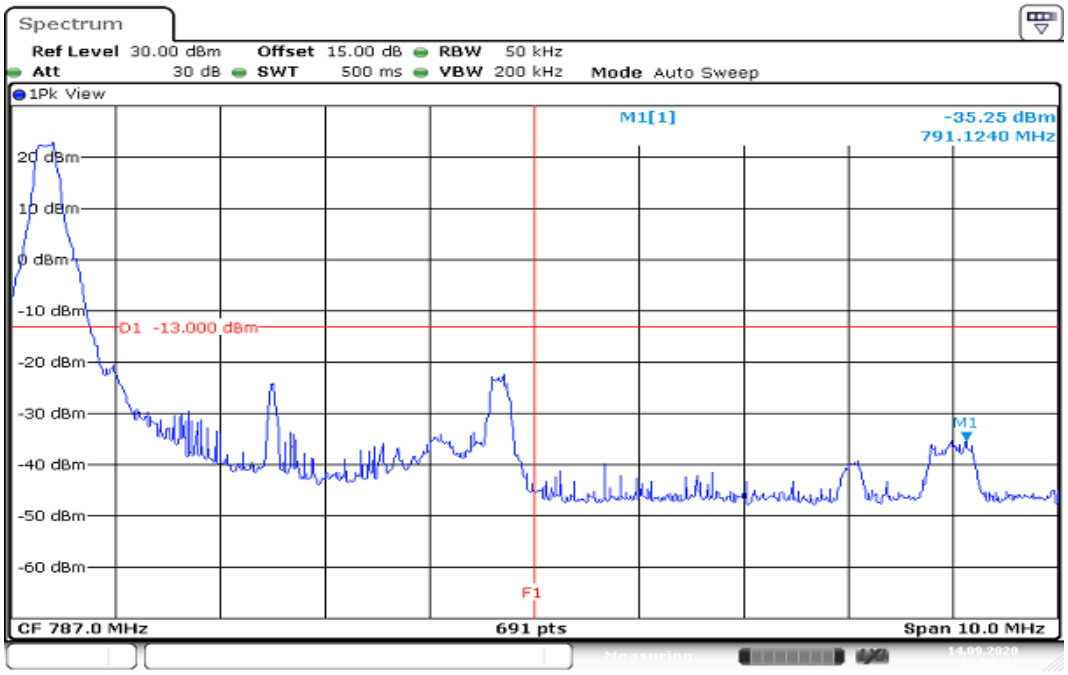
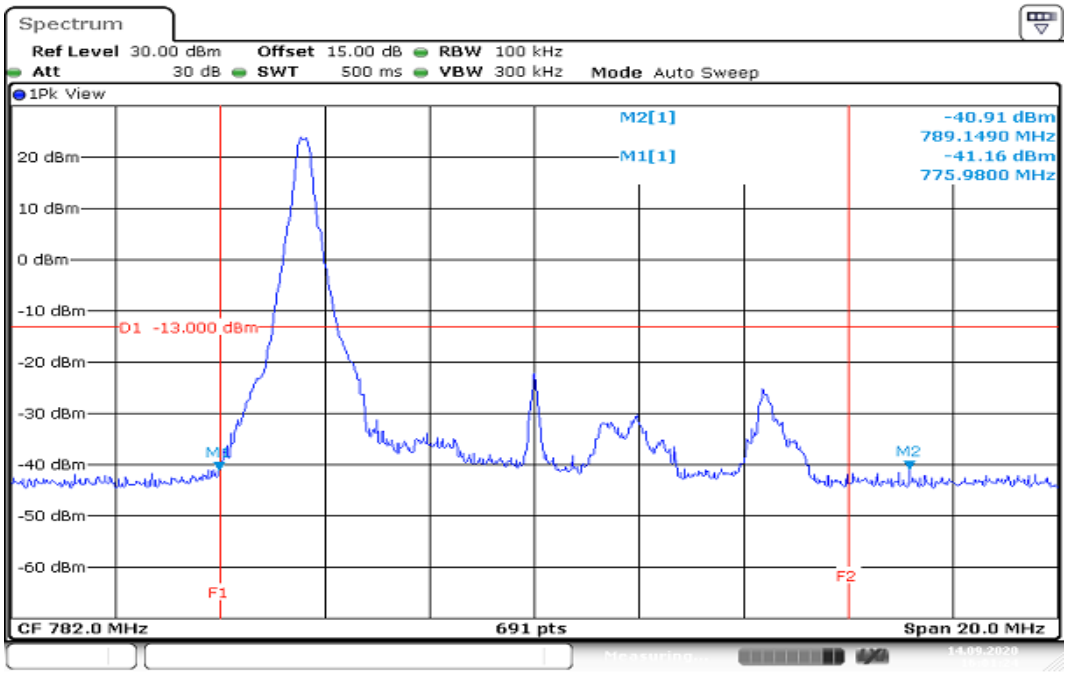
HIGHER BAND EDGE



Date: 14.SEP.2020 15:56:22

CHANNEL BANDWIDTH: 10MHz / QPSK / 1 RB ALLOCATED
MIDDLE BAND EDGE



Date: 14.SEP.2020 16:01:24

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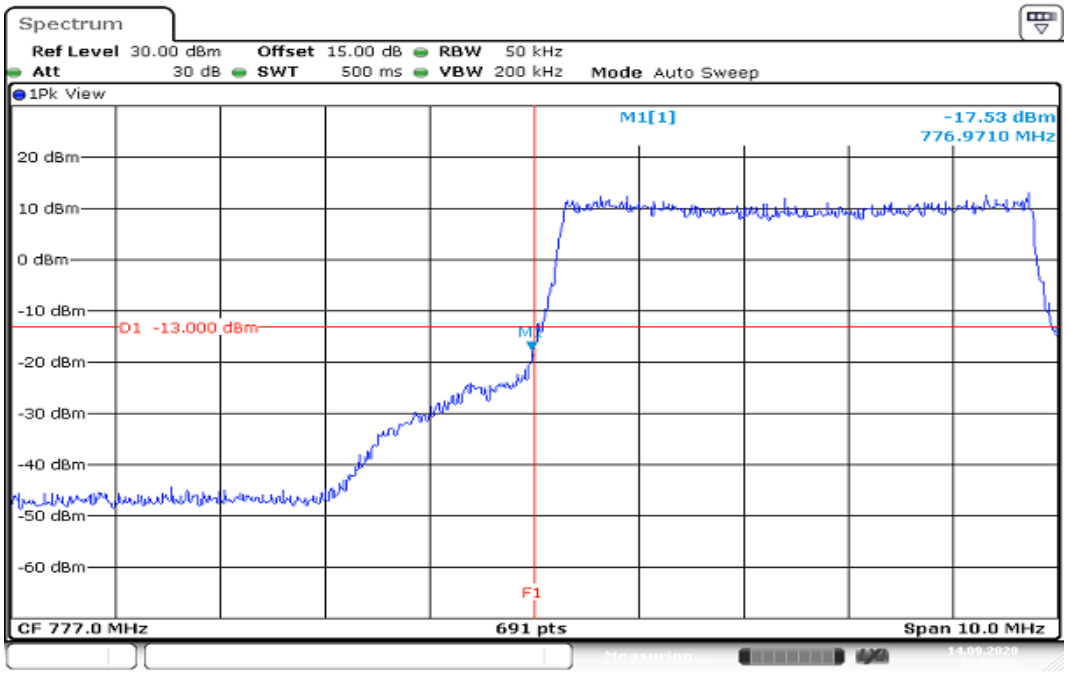
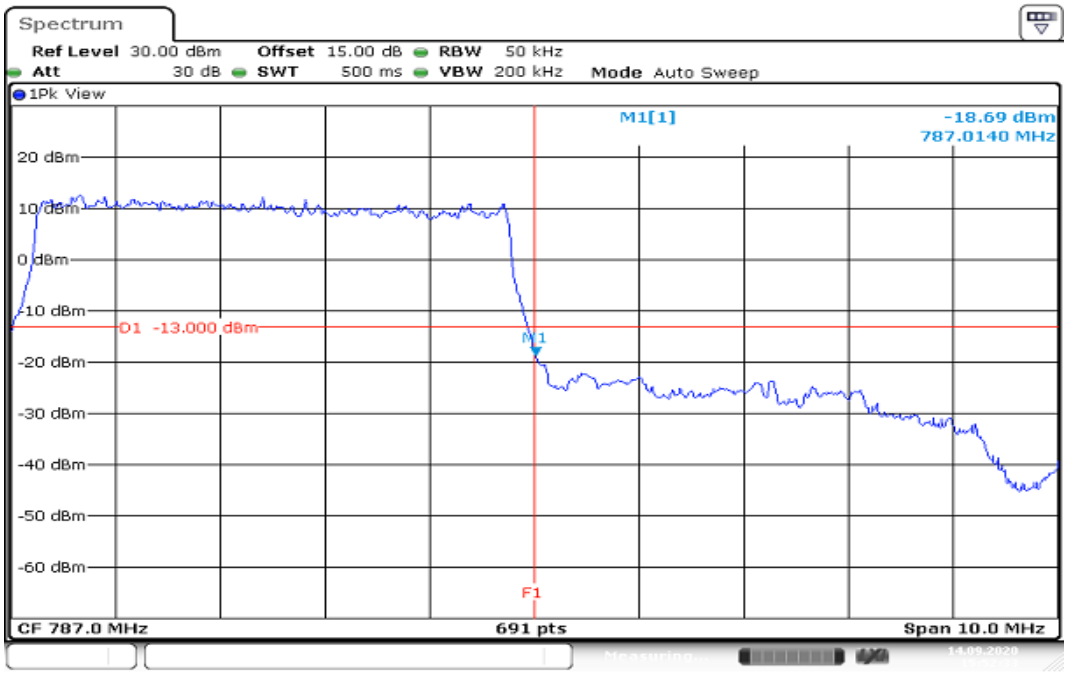
CHANNEL BANDWIDTH: 5MHz / QPSK / FULL RB ALLOCATED
LOWER BAND EDGE



Date: 14.SEP.2020 15:50:36

HIGHER BAND EDGE



Date: 14.SEP.2020 15:52:33

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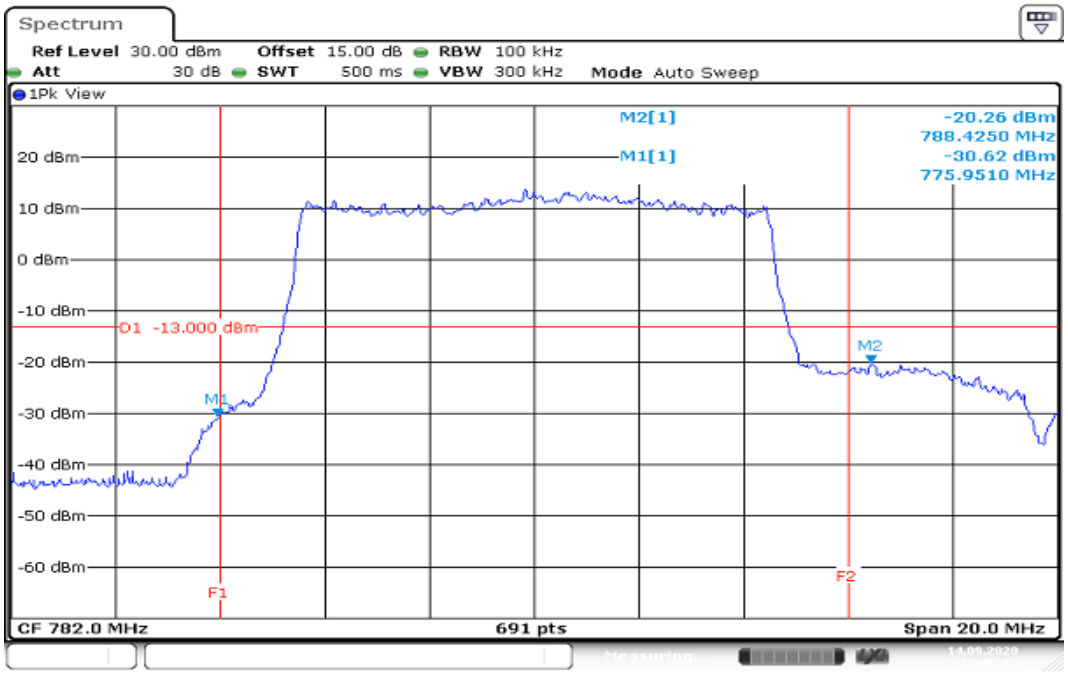
CHANNEL BANDWIDTH: 10MHz / QPSK / FULL RB ALLOCATED MIDDLE BAND EDGE



Date: 14.SEP.2020 16:00:19

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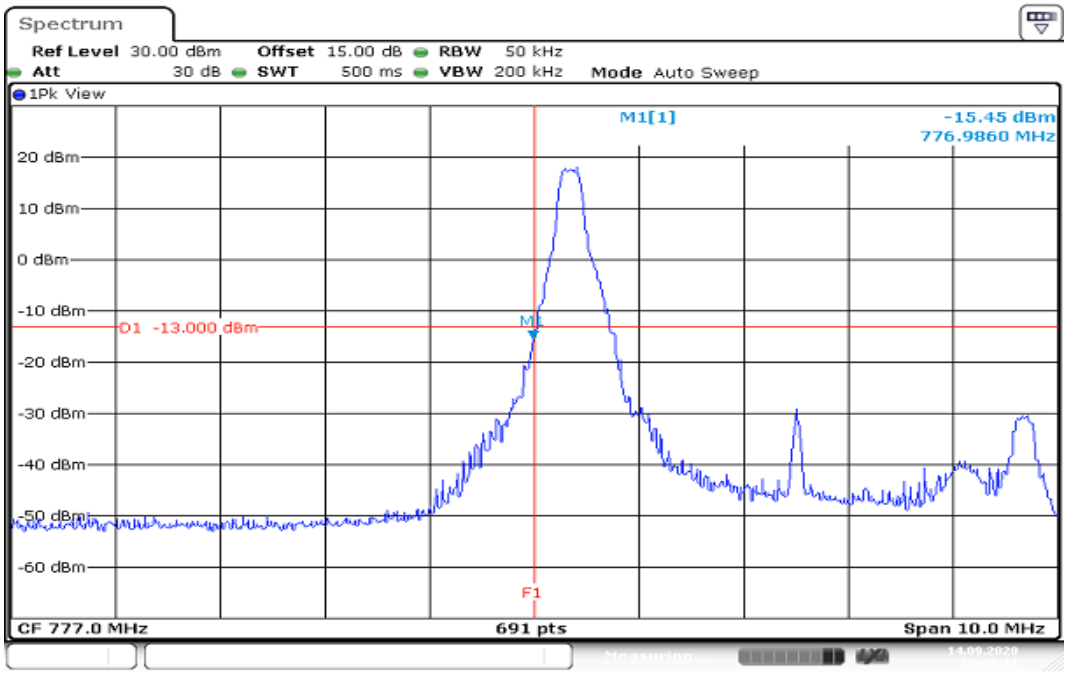
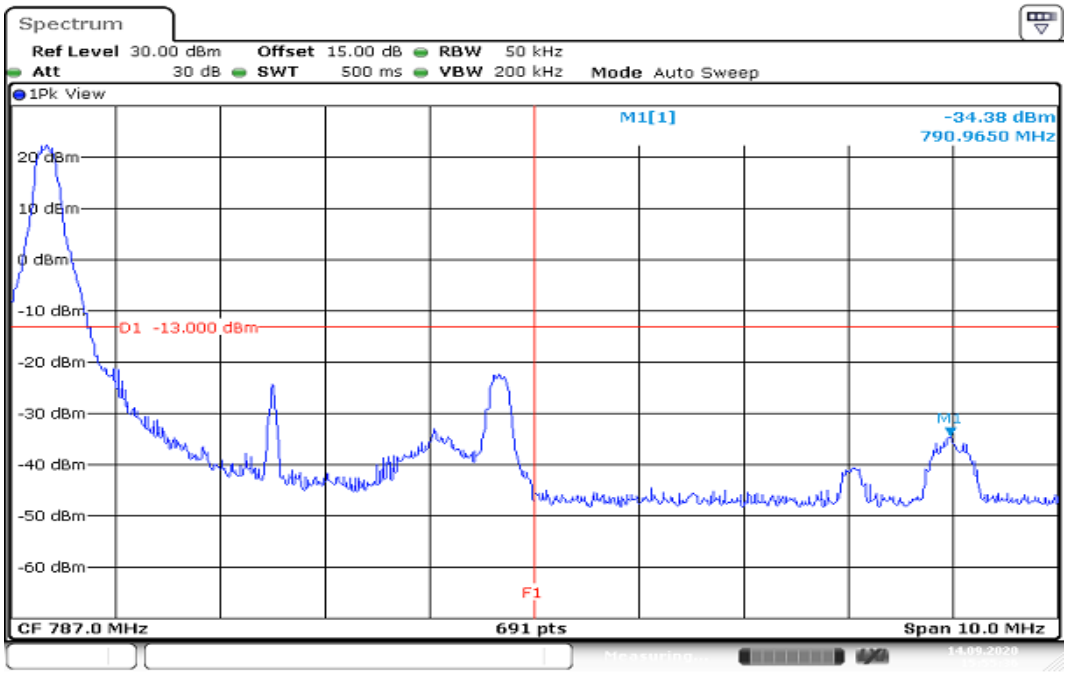
CHANNEL BANDWIDTH: 5MHz / 16QAM / 1RB ALLOCATED
LOWER BAND EDGE



Date: 14.SEP.2020 15:49:11

HIGHER BAND EDGE



Date: 14.SEP.2020 15:55:36

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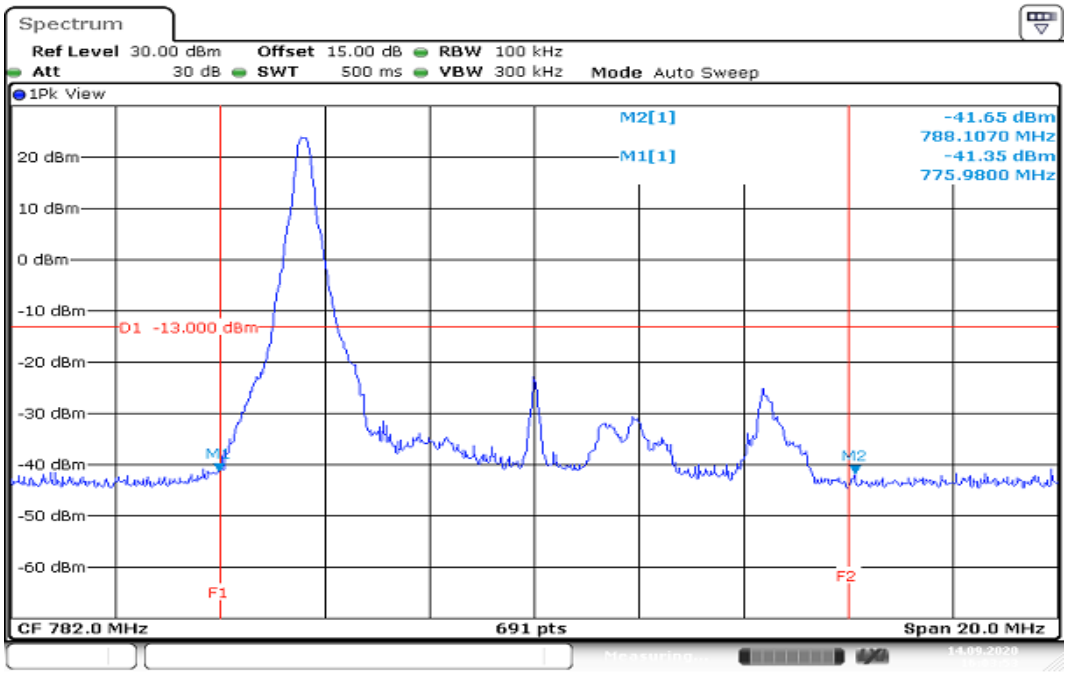
CHANNEL BANDWIDTH: 10MHz / 16QAM / 1RB ALLOCATED MIDDLE BAND EDGE



Date: 14.SEP.2020 16:03:53

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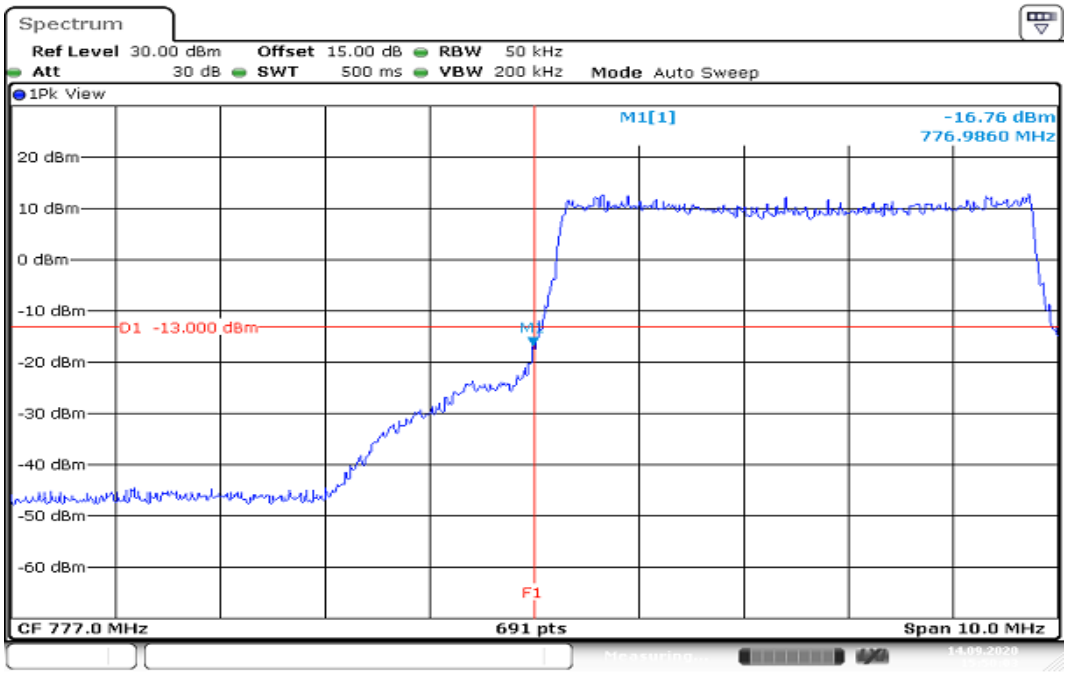
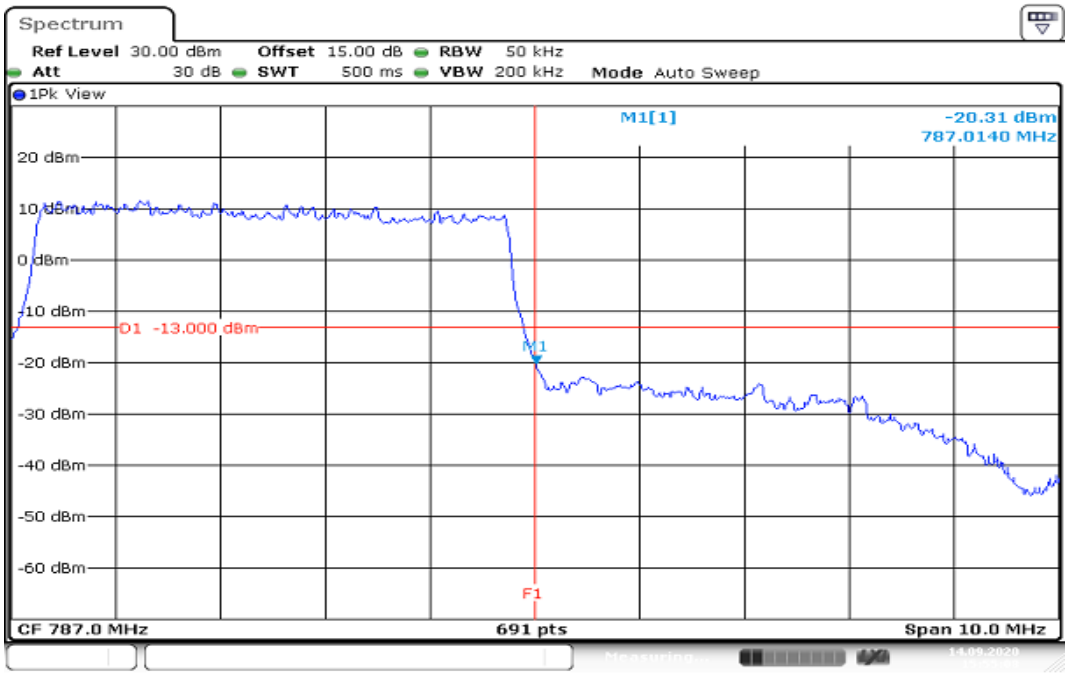
CHANNEL BANDWIDTH: 5MHz / 16QAM / FULLRB ALLOCATED
LOWER BAND EDGE



Date: 14.SEP.2020 15:50:03

HIGHER BAND EDGE



Date: 14.SEP.2020 15:55:08

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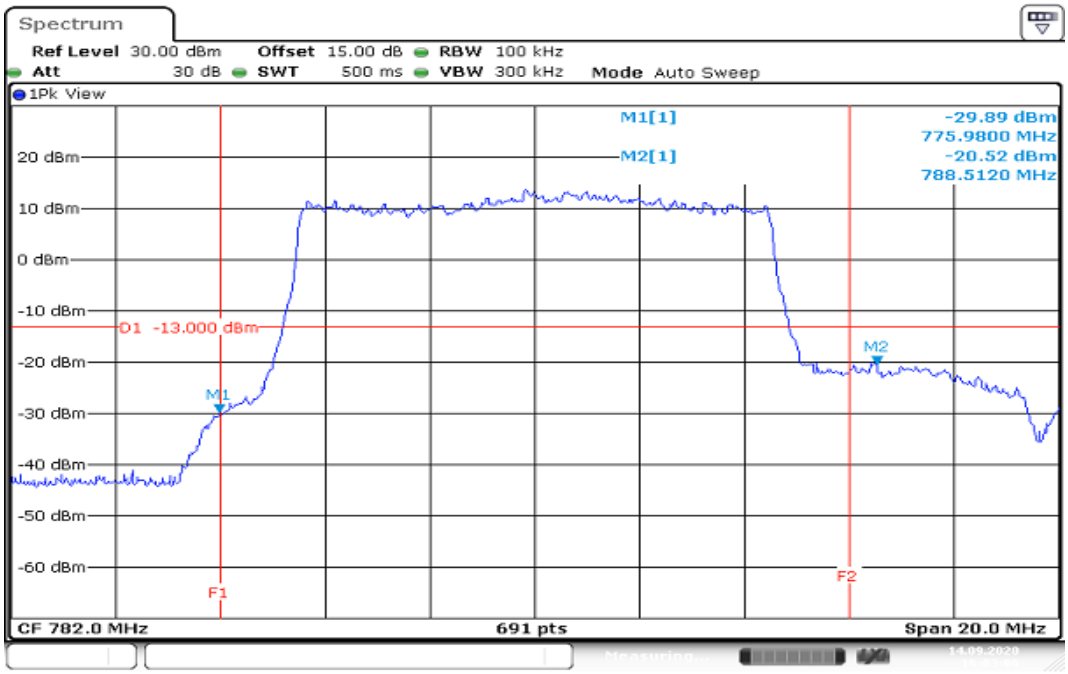
CHANNEL BANDWIDTH: 10MHz / 16QAM / FULLRB ALLOCATED MIDDLE BAND EDGE



Date: 14.SEP.2020 16:03:06

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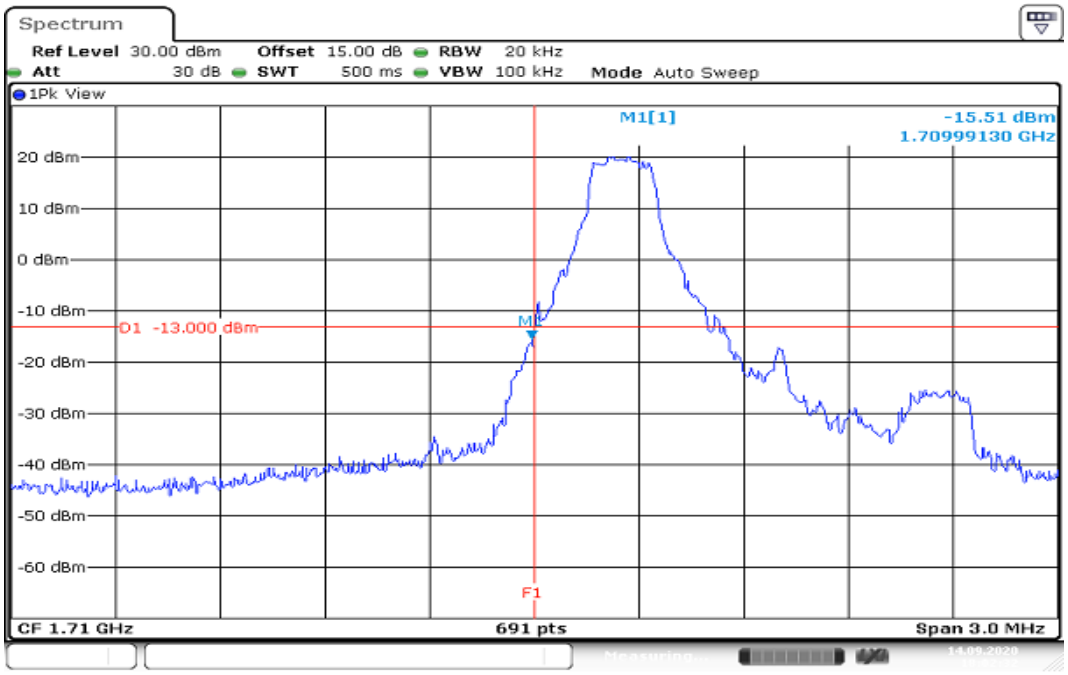
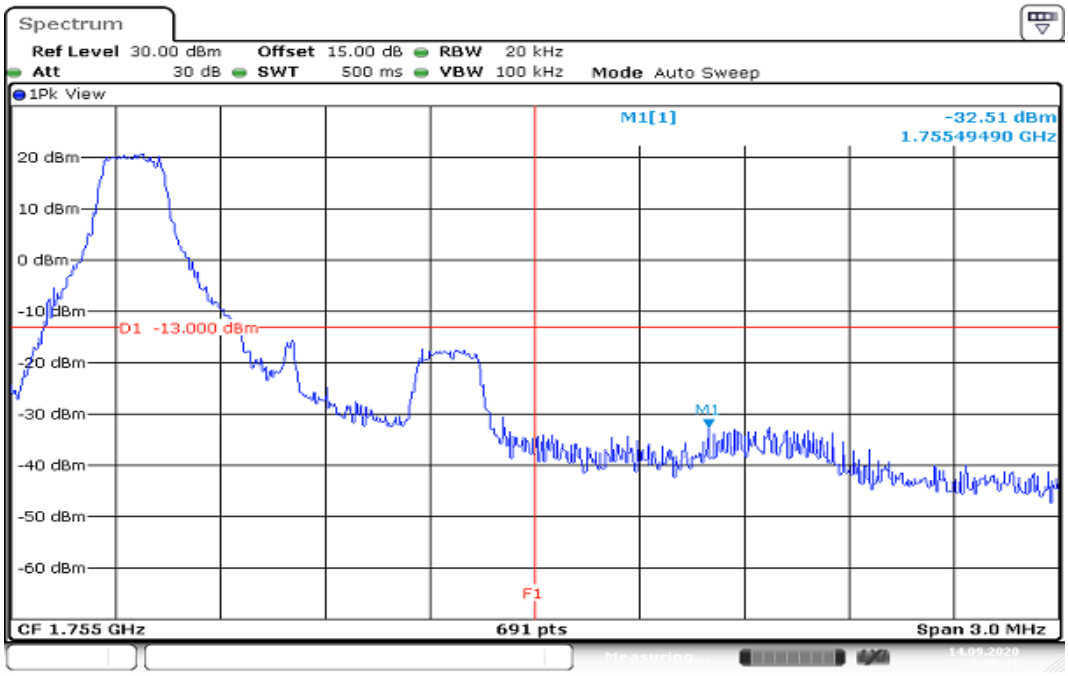
LTE Band 4

CHANNEL BANDWIDTH: 1.4MHz / QPSK / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 18:02:32

HIGHER BAND EDGE



Date: 14.SEP.2020 17:59:41

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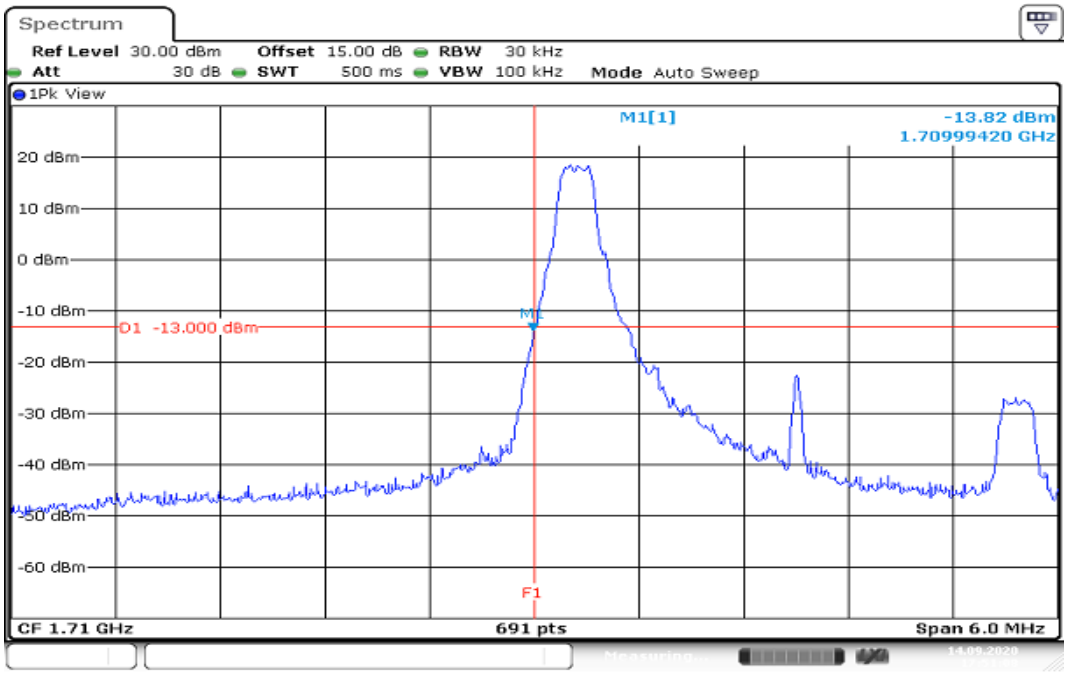
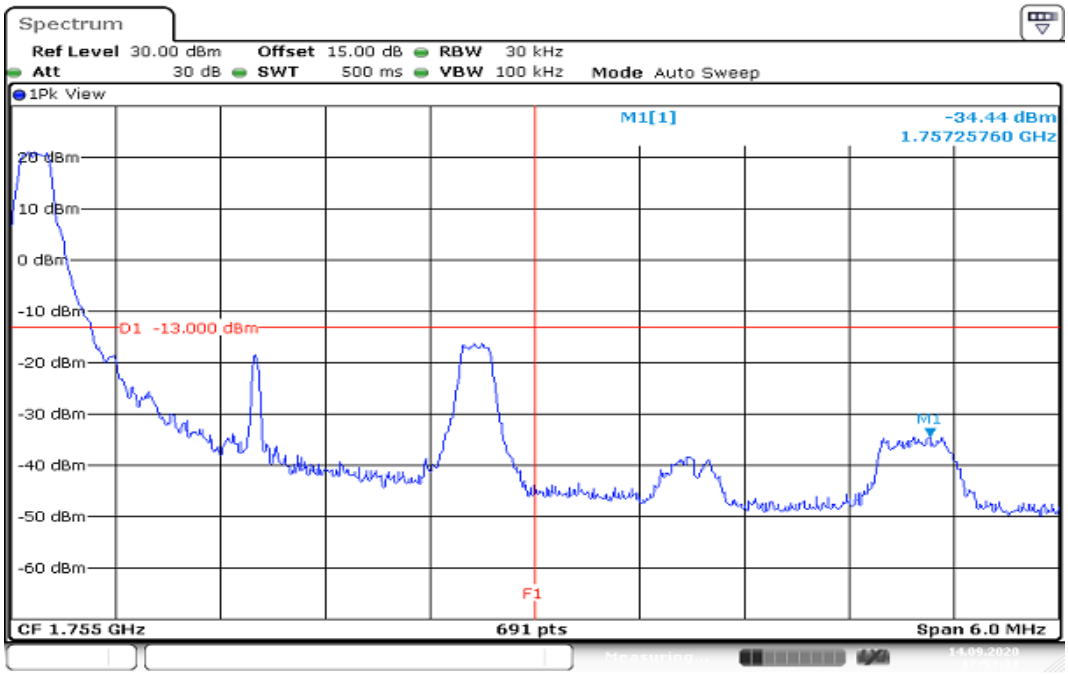
CHANNEL BANDWIDTH: 3MHz / QPSK / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:51:08

HIGHER BAND EDGE



Date: 14.SEP.2020 17:53:32

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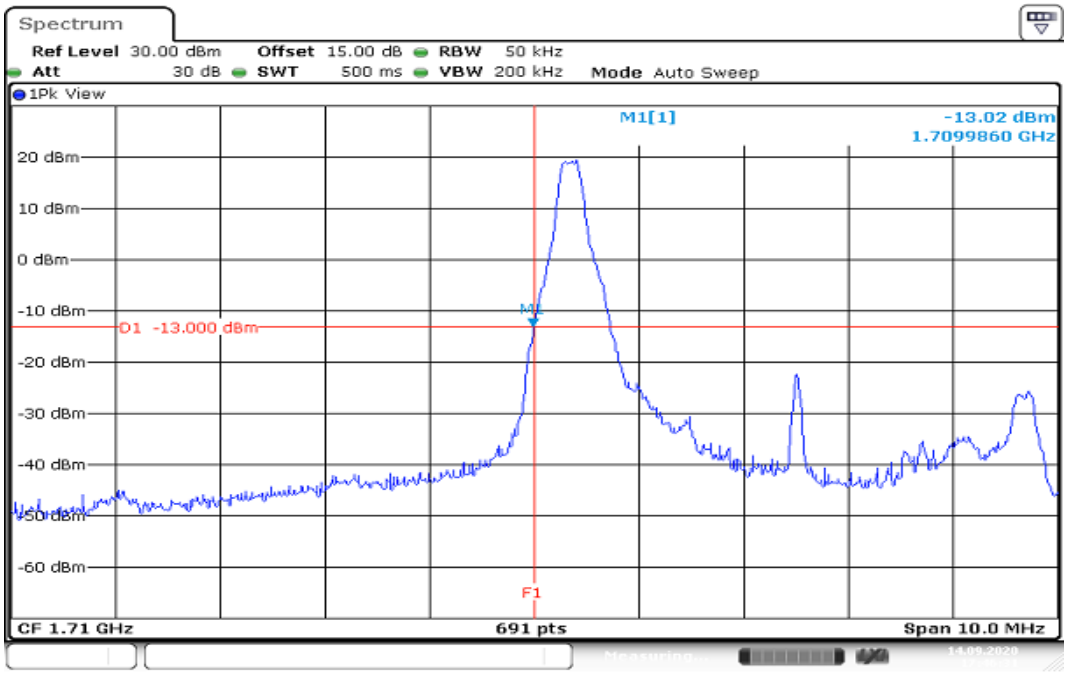
CHANNEL BANDWIDTH: 5MHz / QPSK / 1RB ALLOCATION
LOWER BAND EDGE



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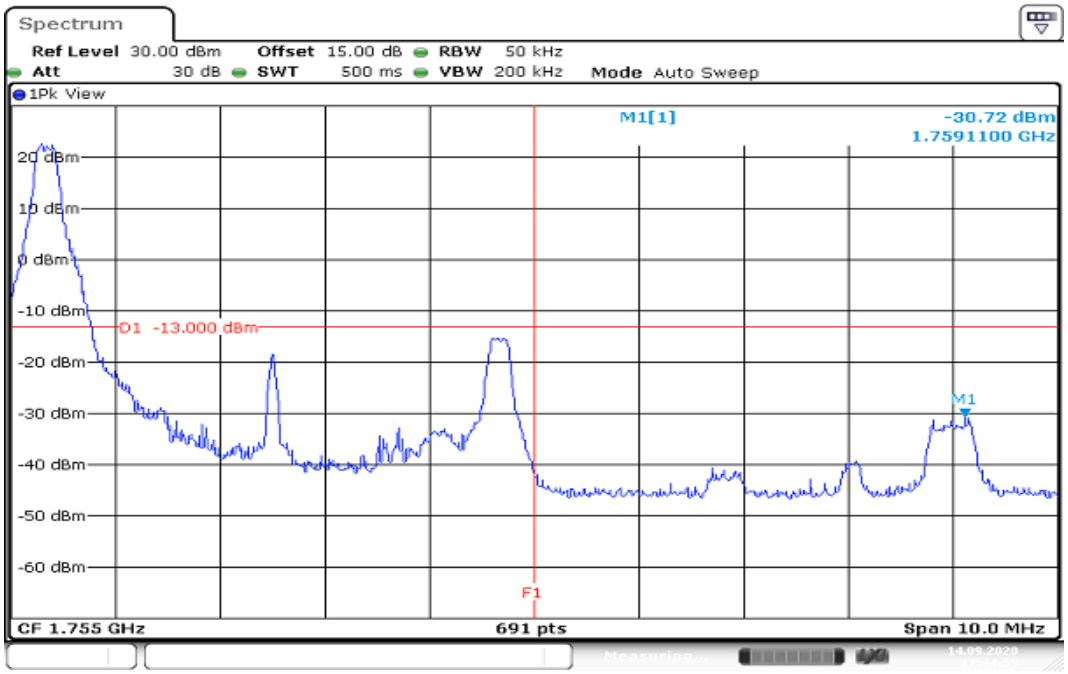
HIGHER BAND EDGE



Date: 14.SEP.2020 17:44:55

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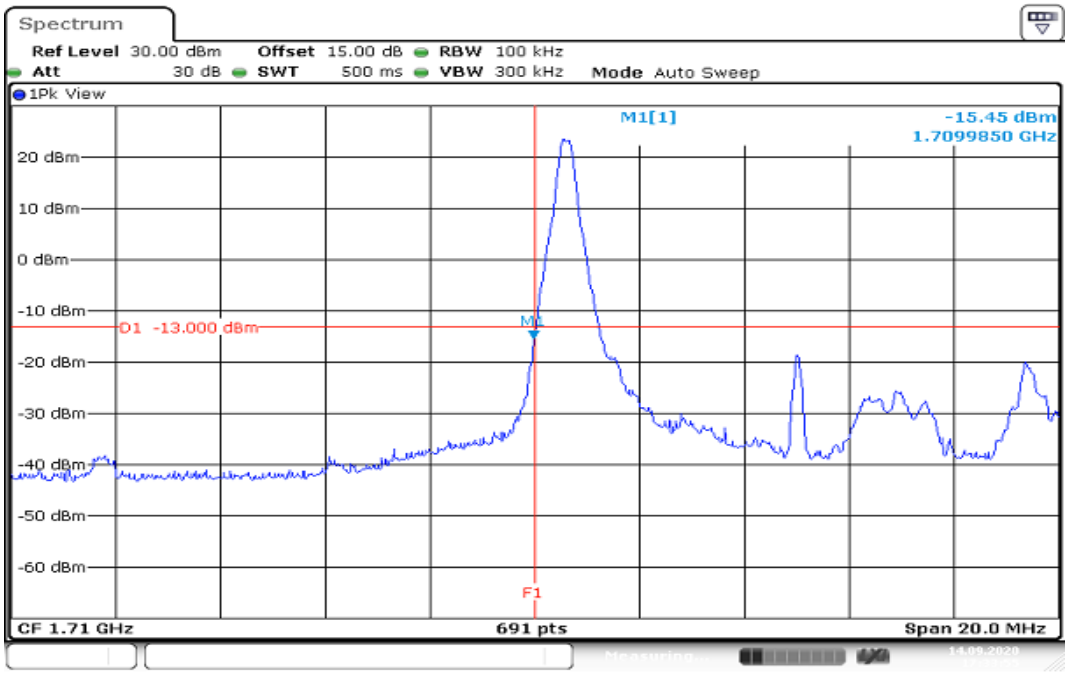
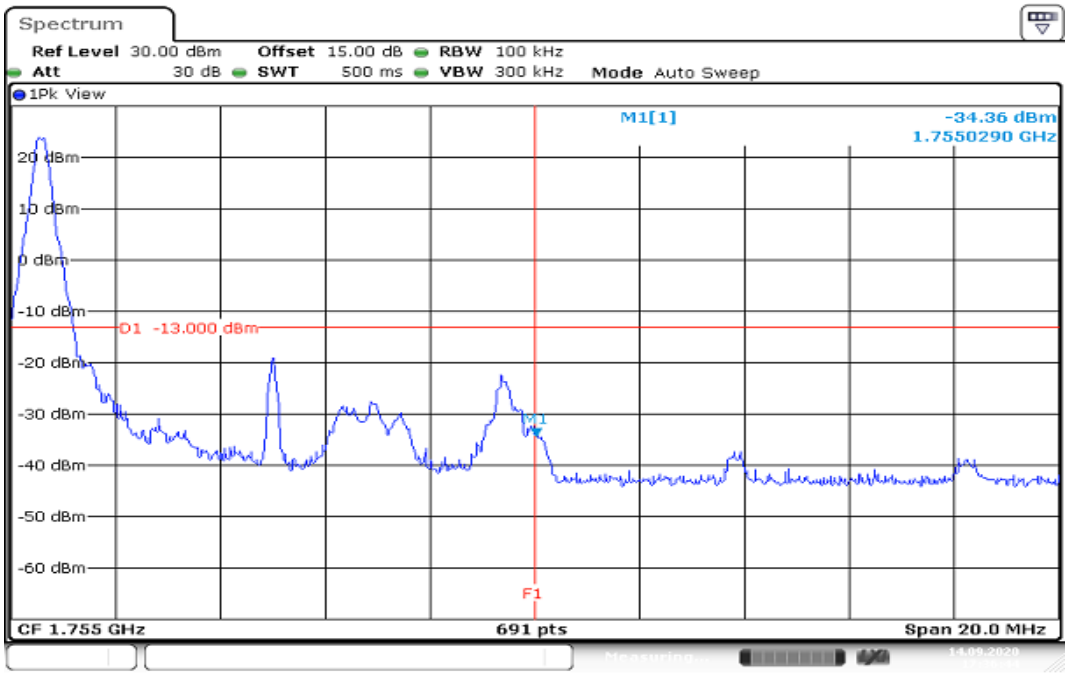
CHANNEL BANDWIDTH: 10MHz / QPSK / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:33:55

HIGHER BAND EDGE



Date: 14.SEP.2020 17:36:44

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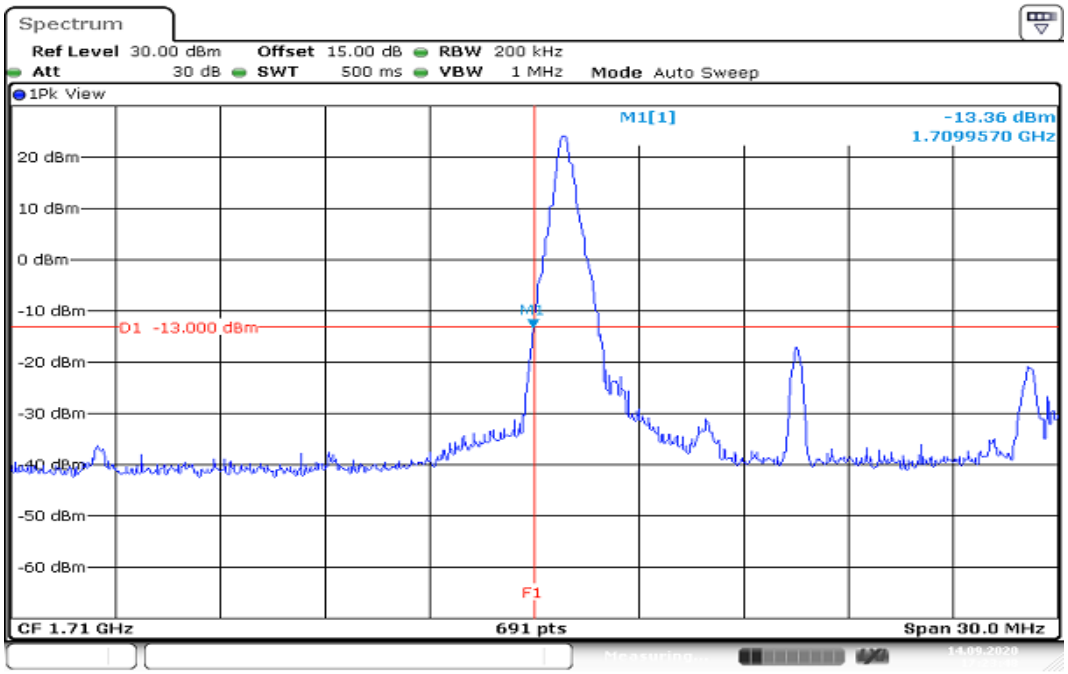
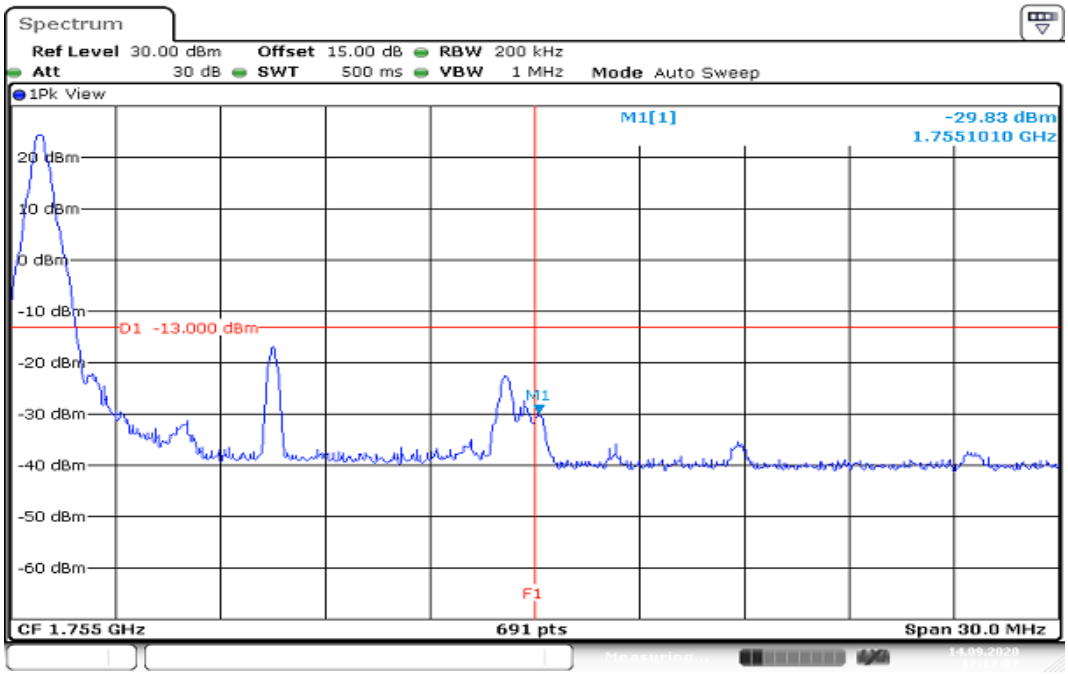
CHANNEL BANDWIDTH: 15MHz / QPSK / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:23:48

HIGHER BAND EDGE



Date: 14.SEP.2020 17:17:08

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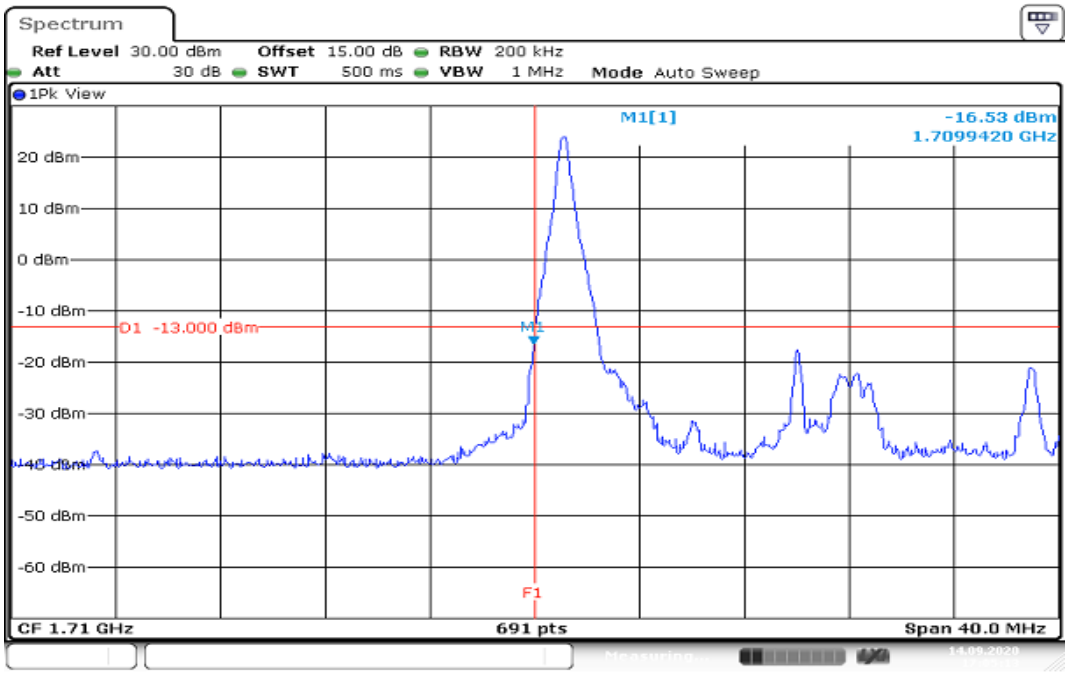
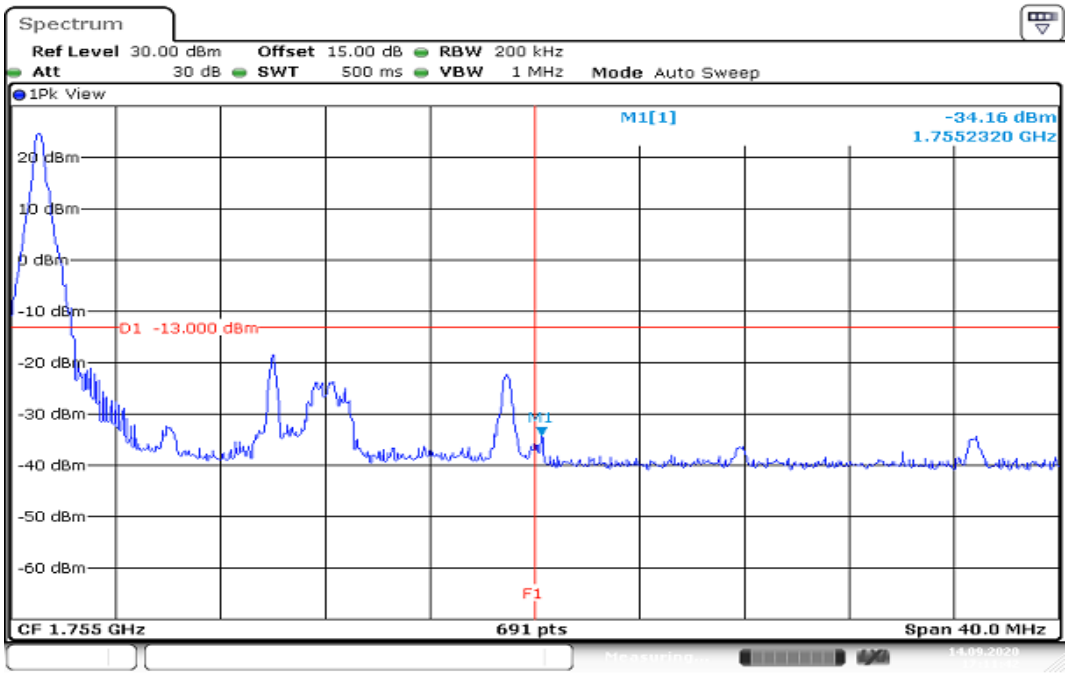
CHANNEL BANDWIDTH: 20MHz / QPSK / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:05:14

HIGHER BAND EDGE



Date: 14.SEP.2020 17:11:43

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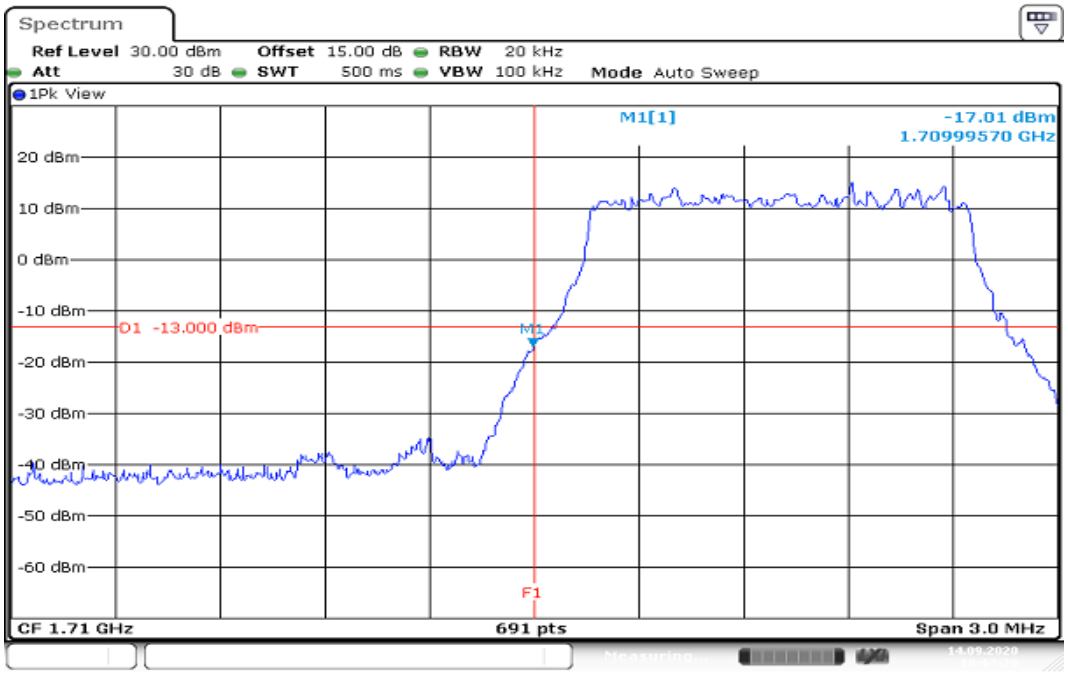
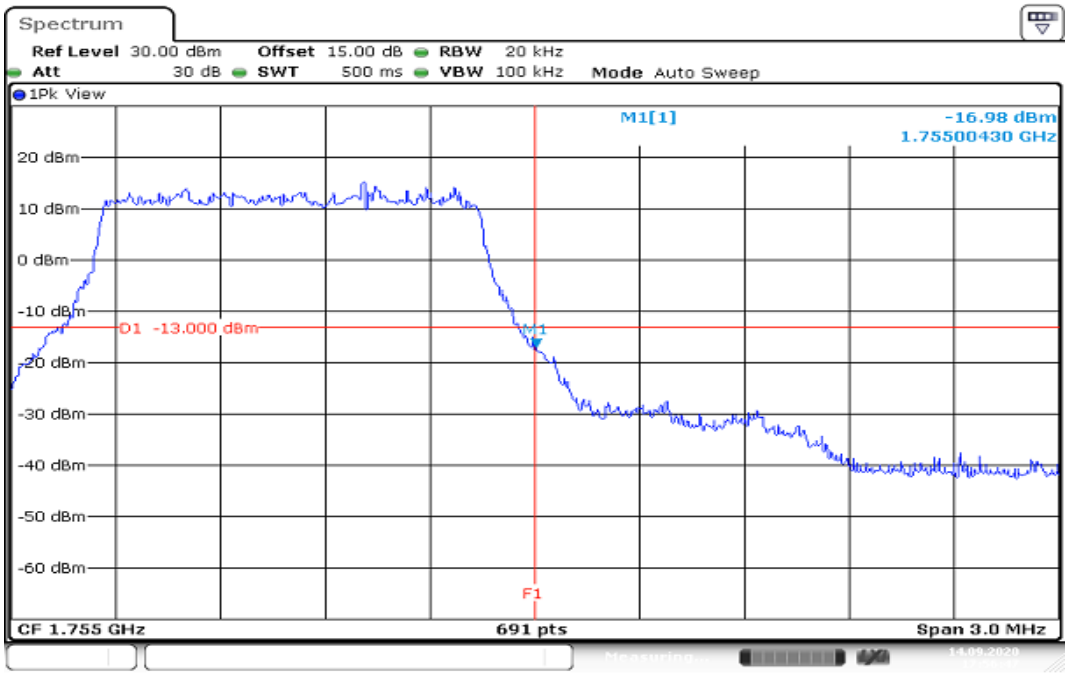
CHANNEL BANDWIDTH: 1.4MHz / QPSK / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 18:03:28

HIGHER BAND EDGE



Date: 14.SEP.2020 17:56:47

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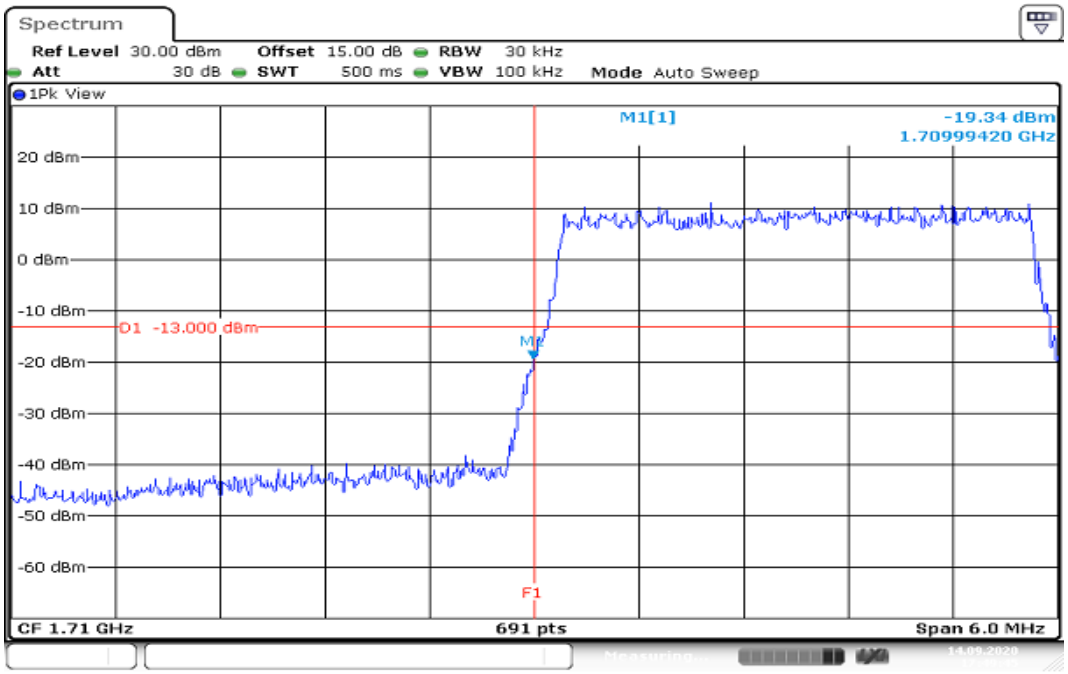
CHANNEL BANDWIDTH: 3MHz / QPSK / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:49:45

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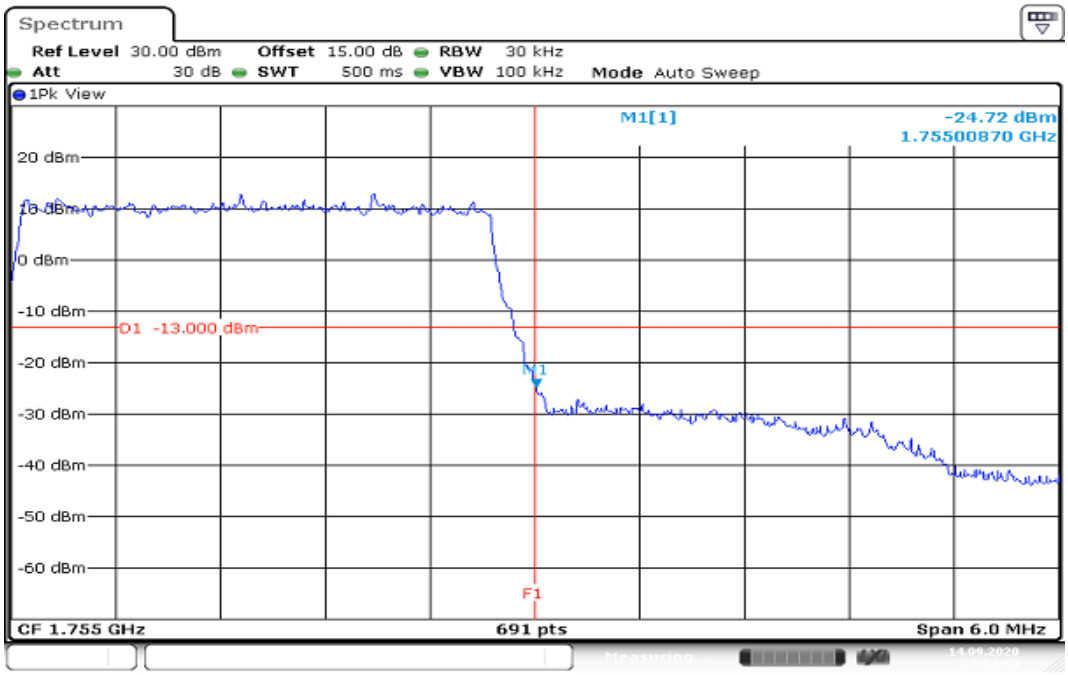

Date: 14.SEP.2020 17:54:50

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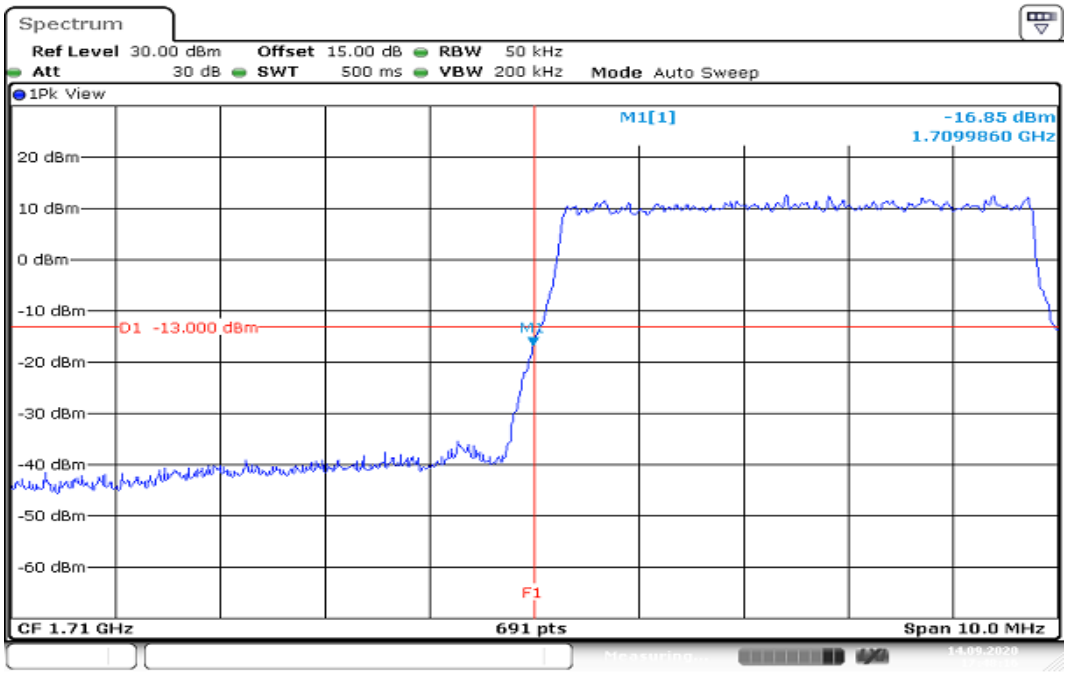
CHANNEL BANDWIDTH: 5MHz / QPSK / FULL RB ALLOCATION
LOWER BAND EDGE



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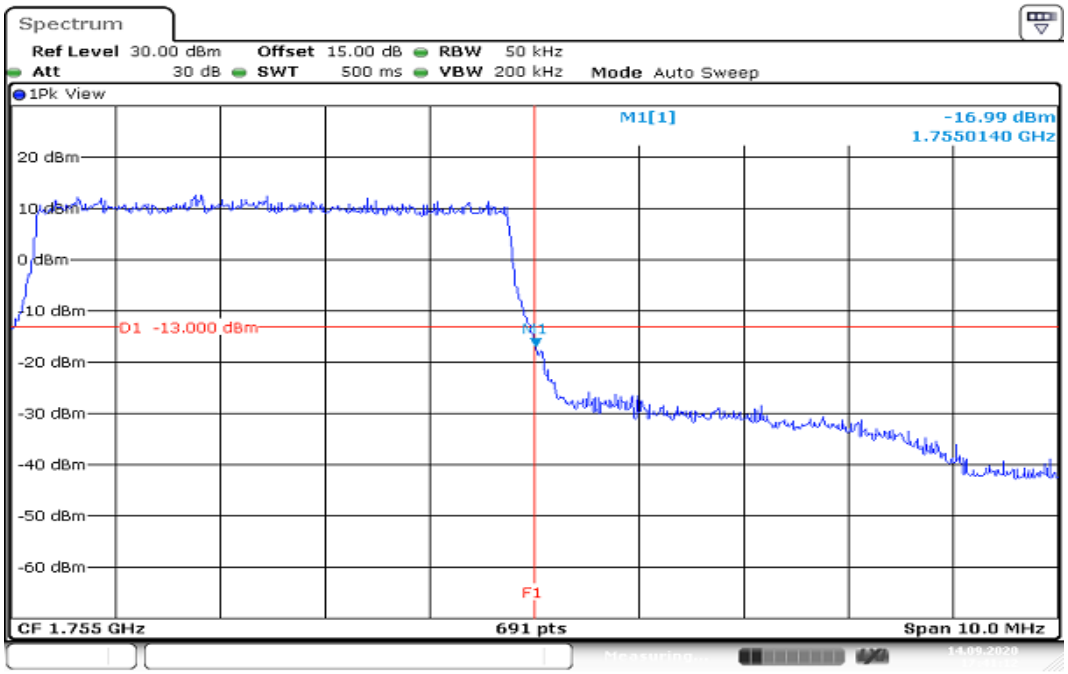

Date: 14.SEP.2020 17:41:12

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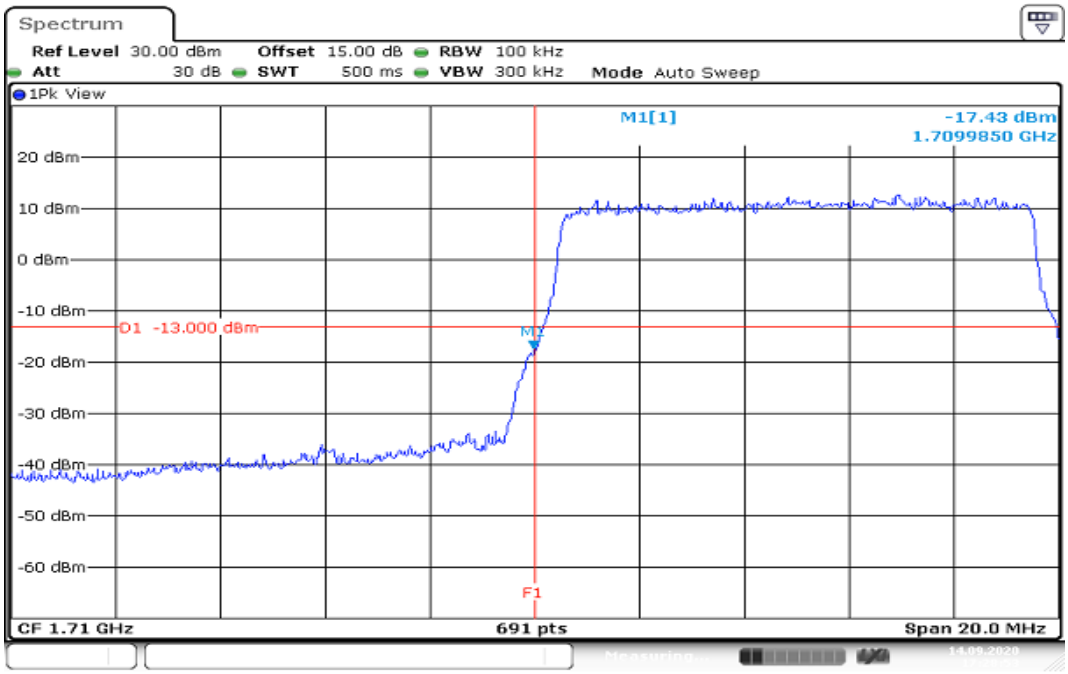
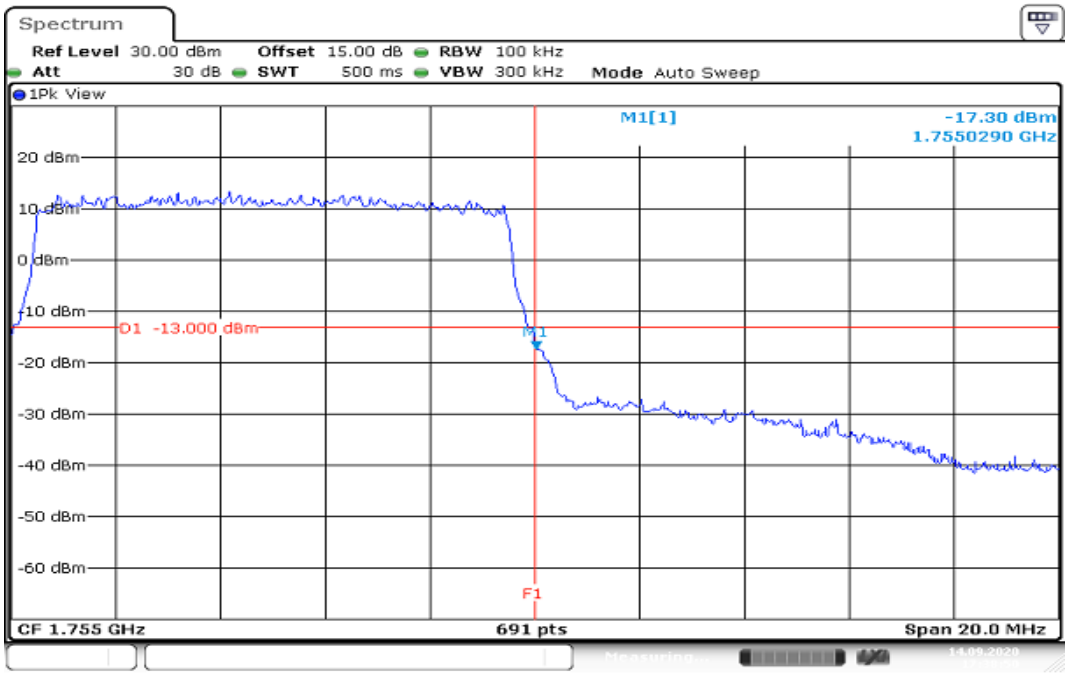
CHANNEL BANDWIDTH: 10MHz / QPSK / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:28:54

HIGHER BAND EDGE



Date: 14.SEP.2020 17:38:50

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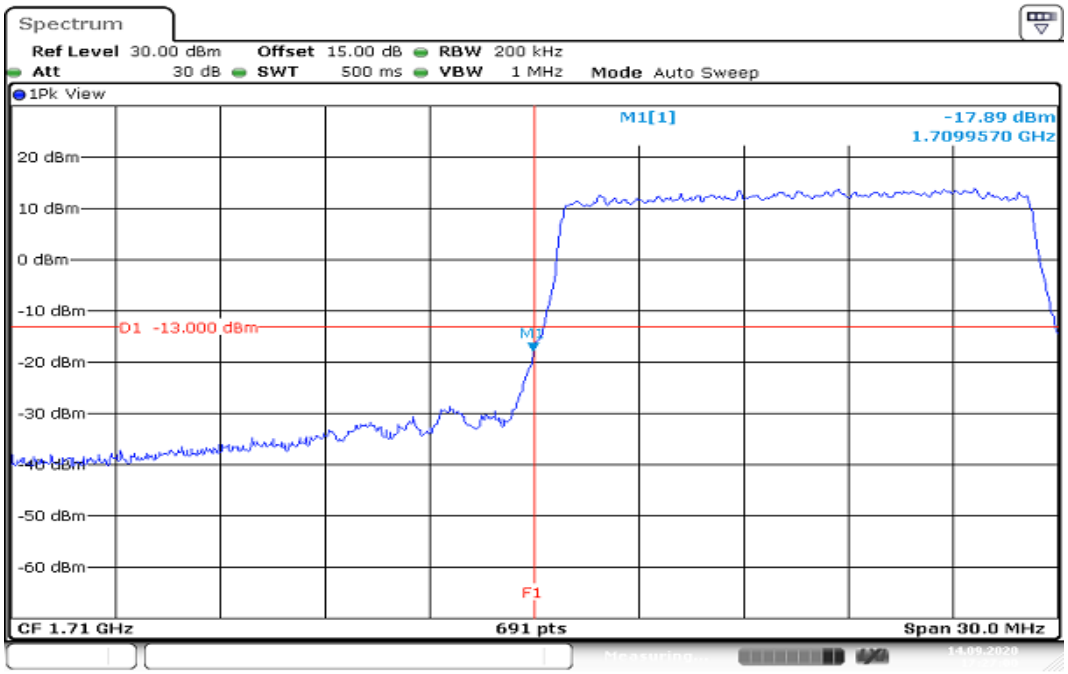
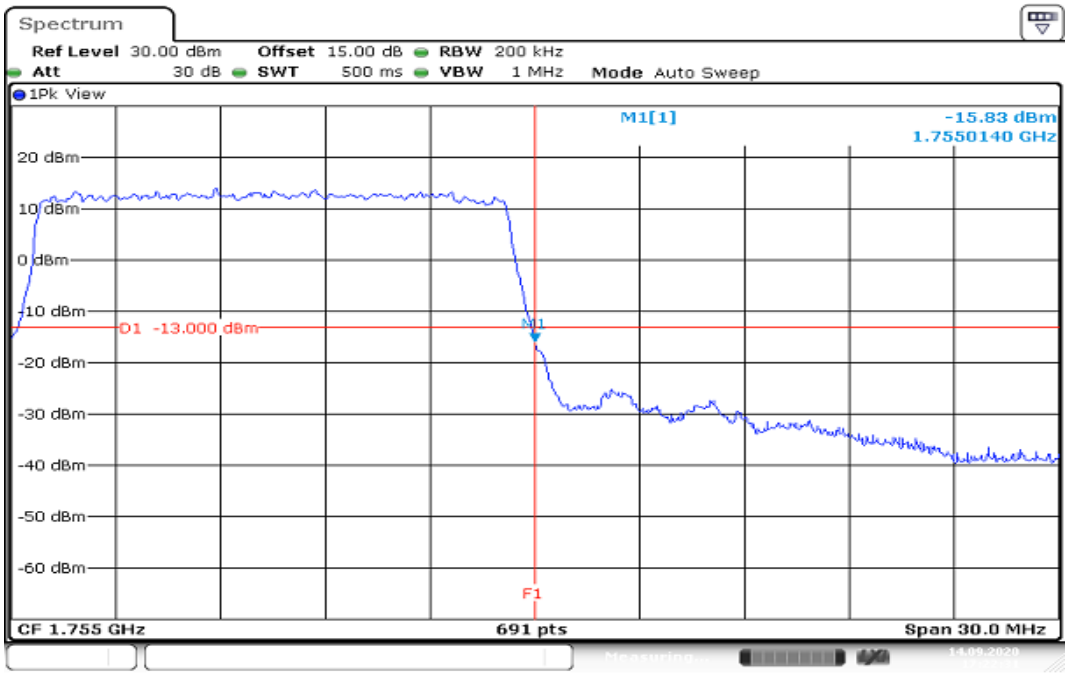
CHANNEL BANDWIDTH: 15MHz / QPSK / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:27:00

HIGHER BAND EDGE



Date: 14.SEP.2020 17:22:31

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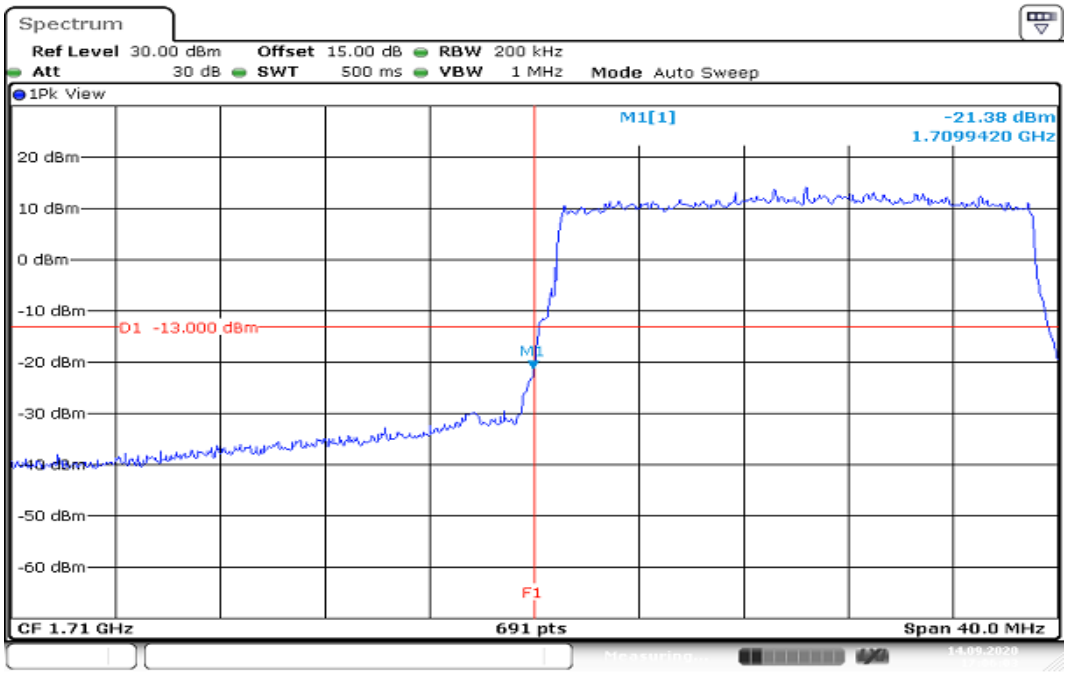
CHANNEL BANDWIDTH: 20MHz / QPSK / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:06:03

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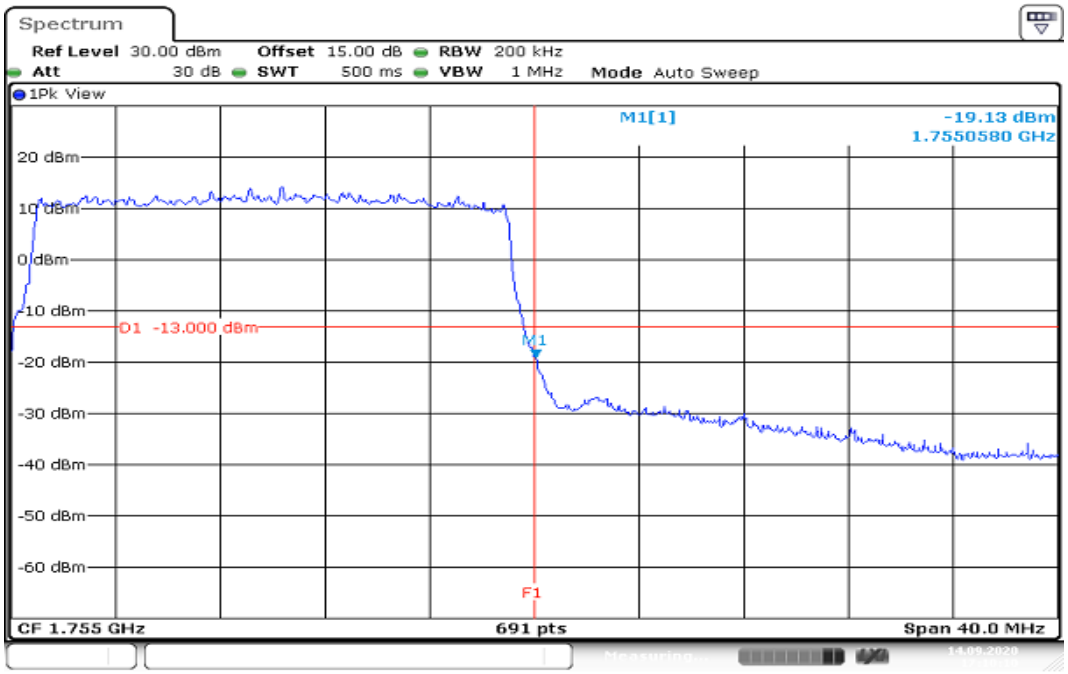

Date: 14.SEP.2020 17:10:10

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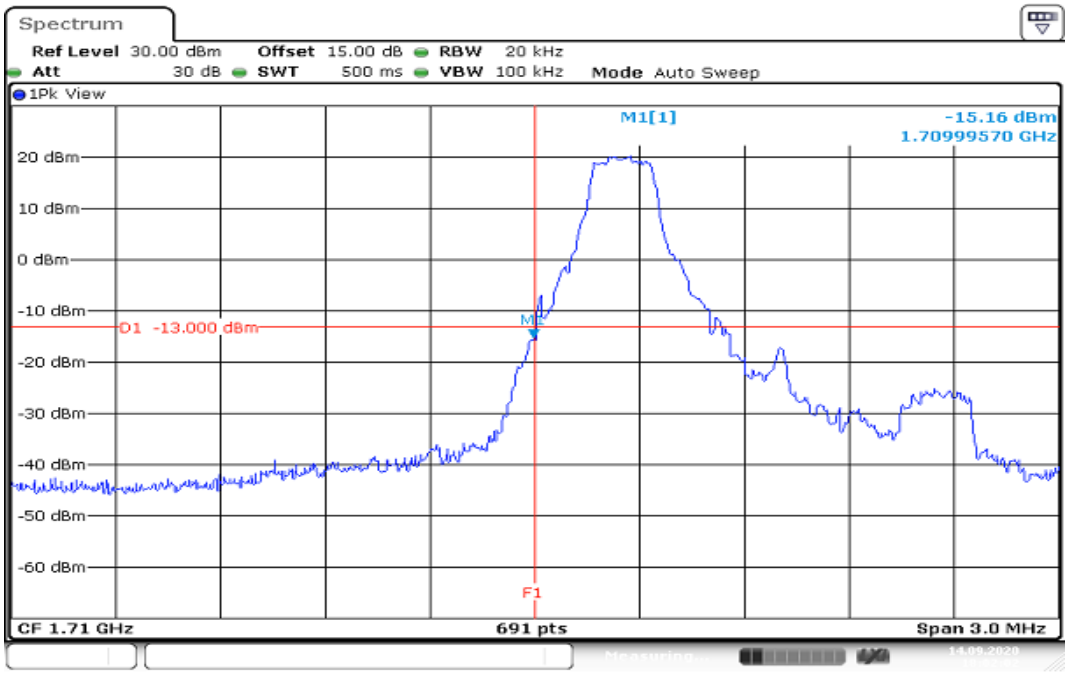
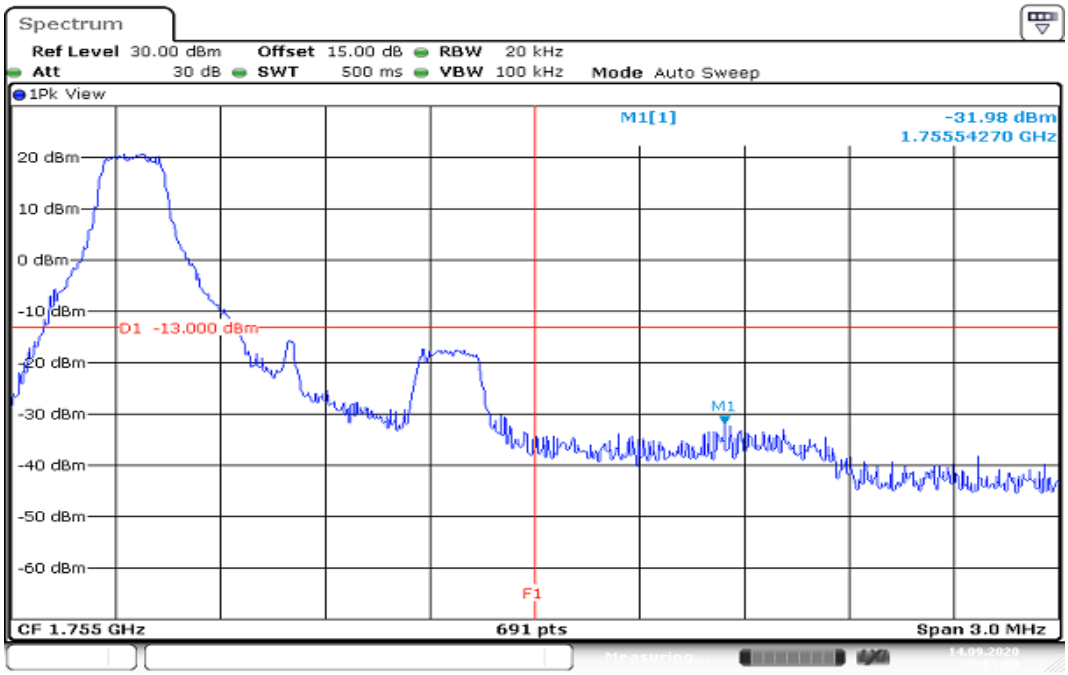
CHANNEL BANDWIDTH: 1.4MHz / 16QAM / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 18:02:02

HIGHER BAND EDGE



Date: 14.SEP.2020 18:01:00

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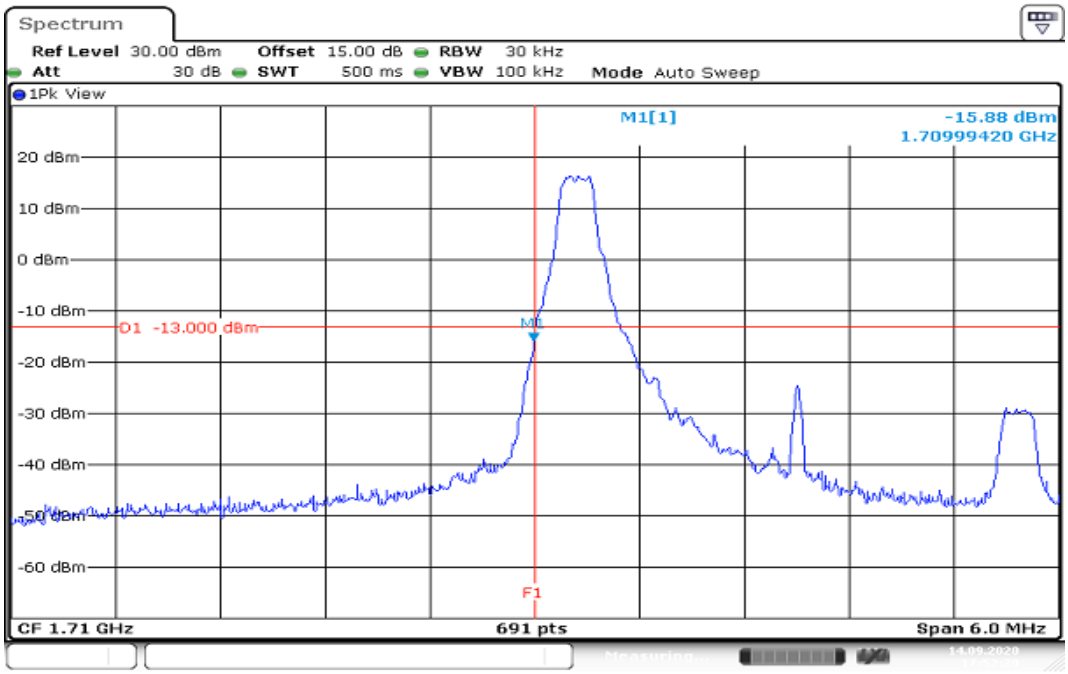
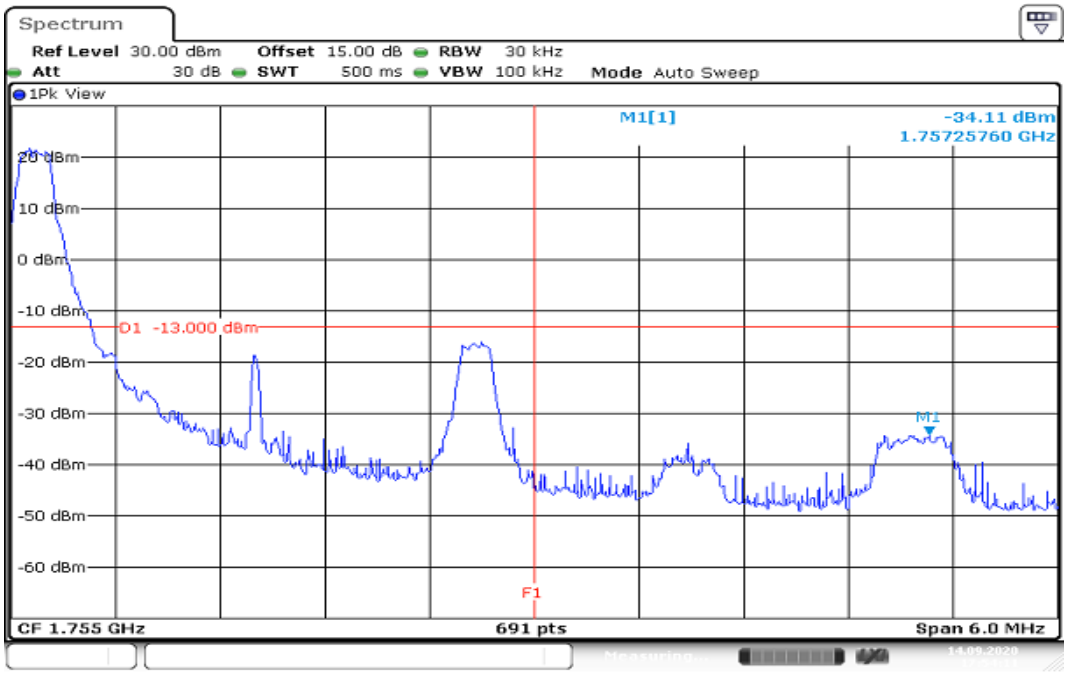
CHANNEL BANDWIDTH: 3MHz / 16QAM / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:52:20

HIGHER BAND EDGE



Date: 14.SEP.2020 17:54:11

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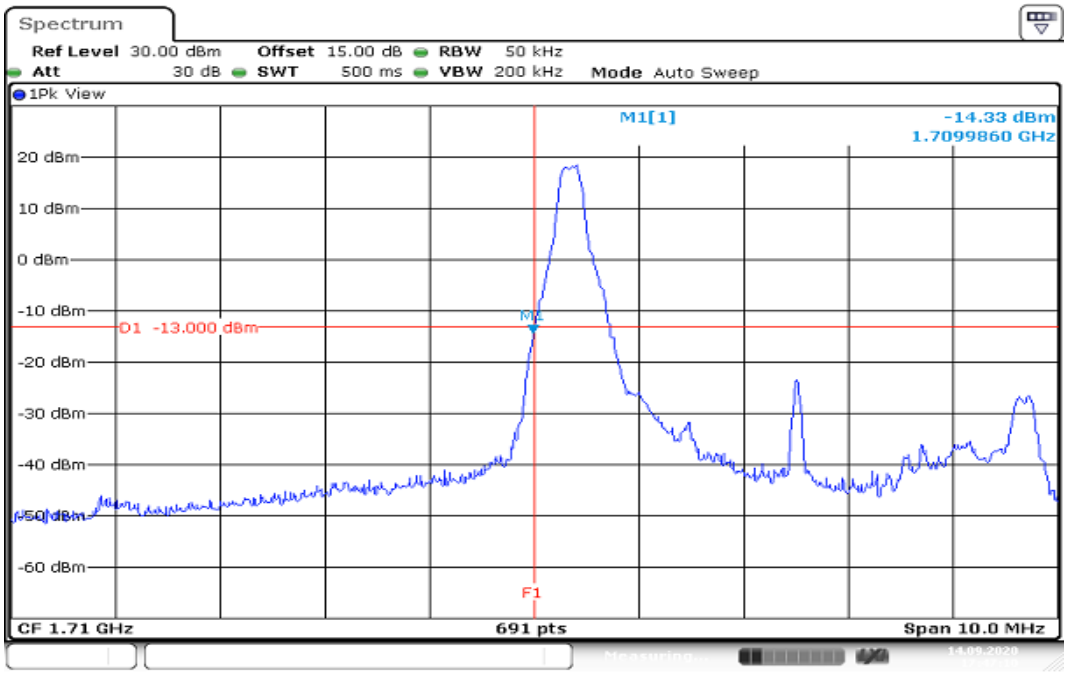
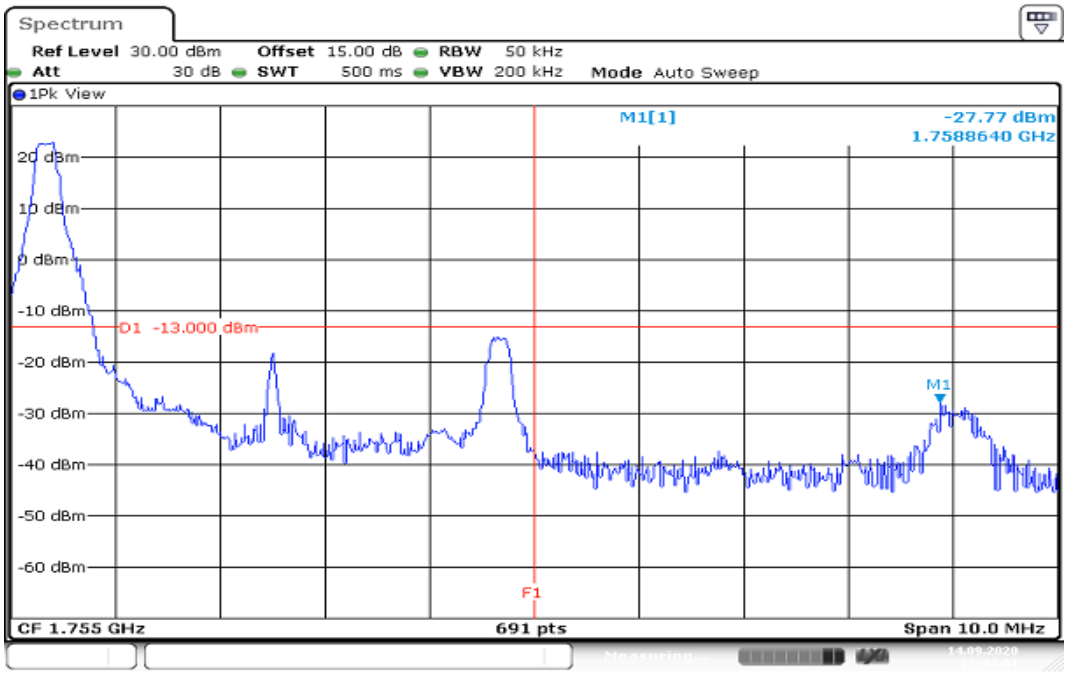
CHANNEL BANDWIDTH: 5MHz / 16QAM / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:47:10

HIGHER BAND EDGE



Date: 14.SEP.2020 17:44:01

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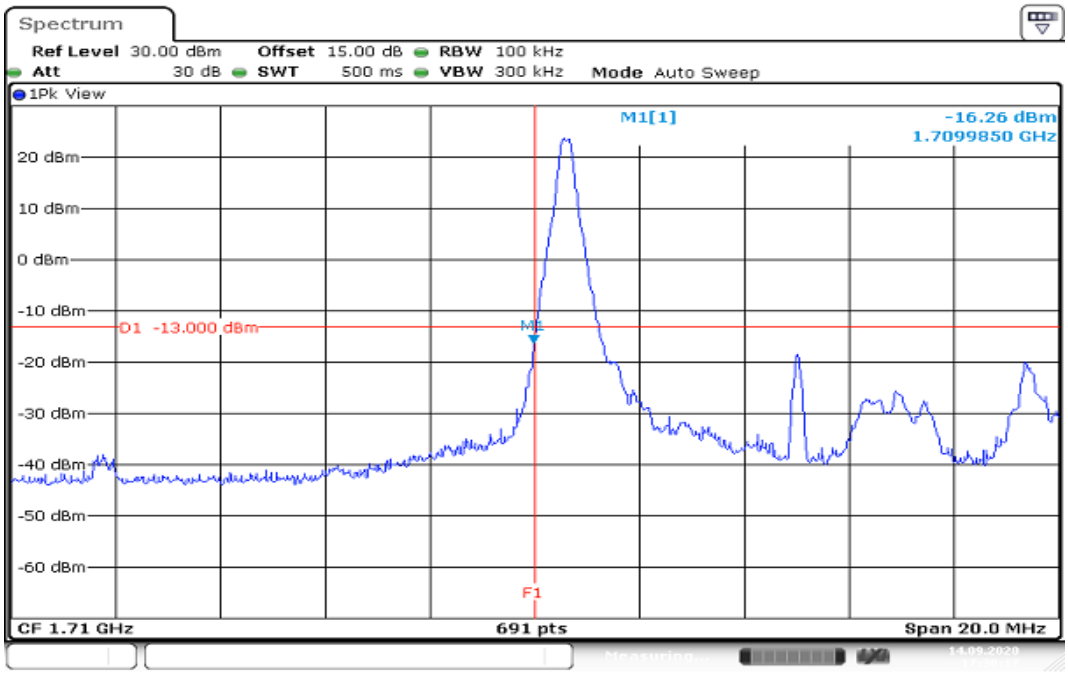
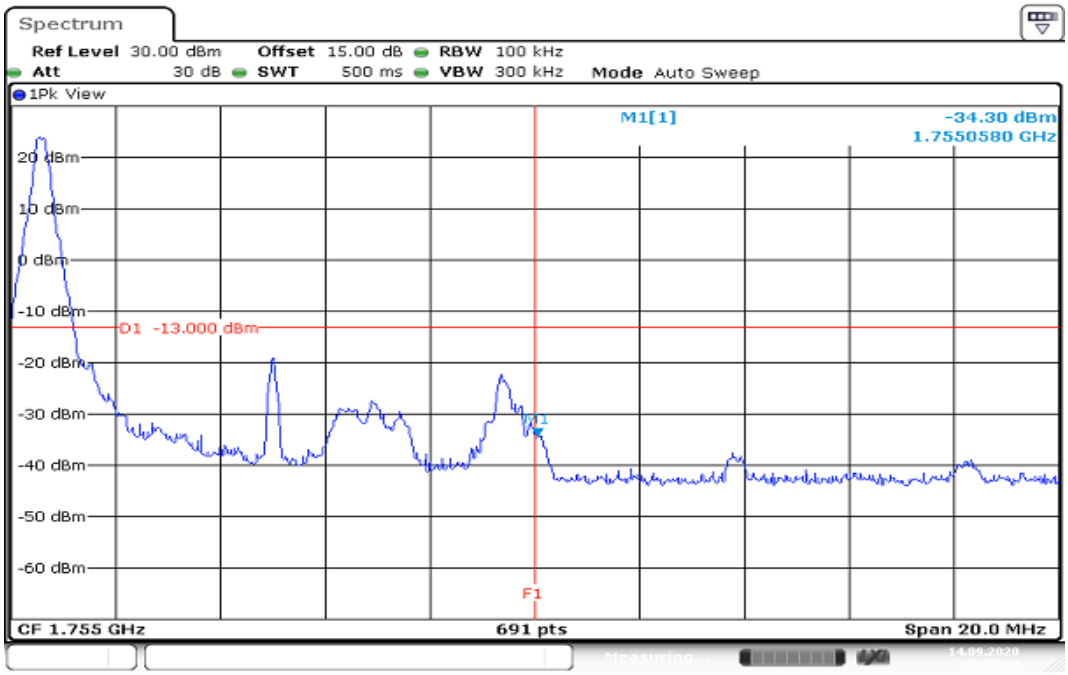
CHANNEL BANDWIDTH: 10MHz / 16QAM / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:30:17

HIGHER BAND EDGE



Date: 14.SEP.2020 17:37:24

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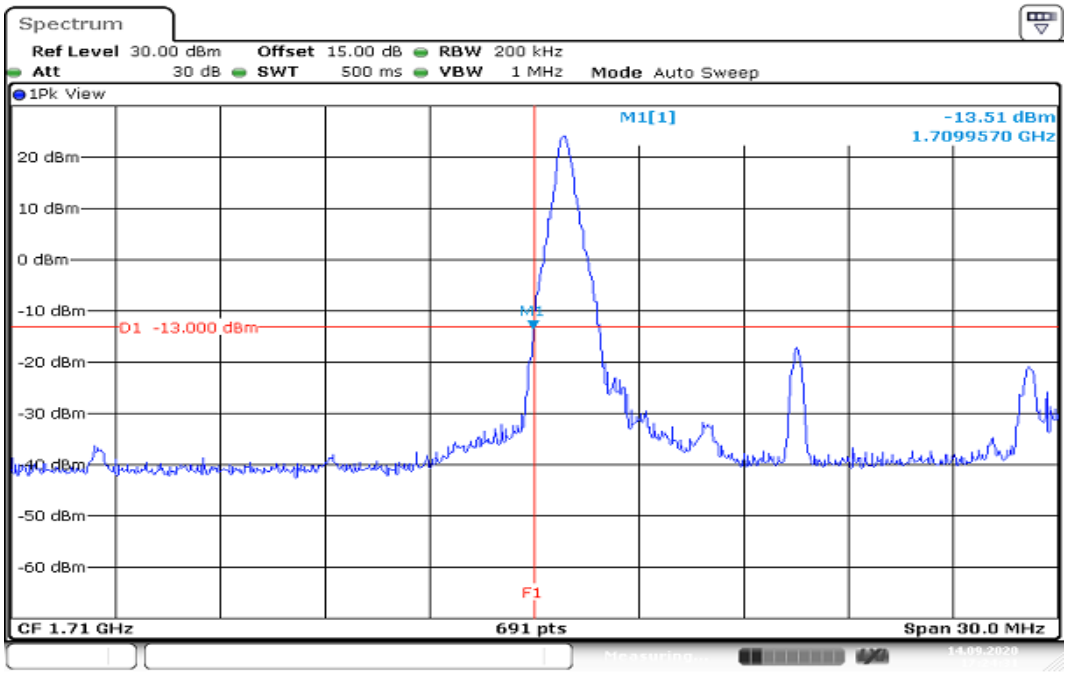
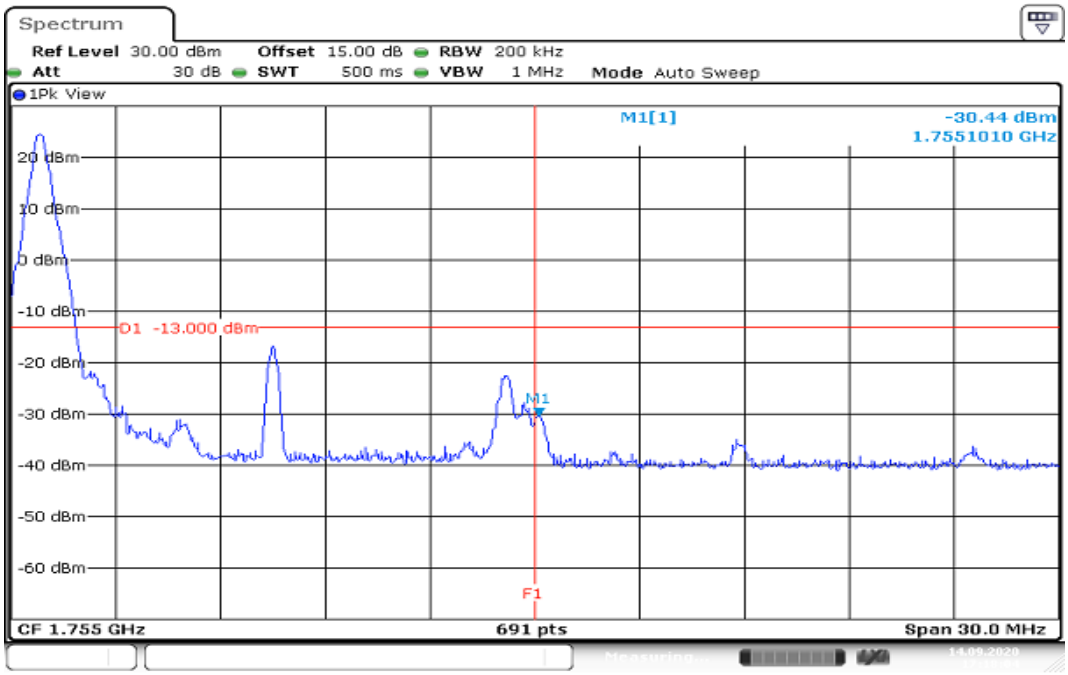
CHANNEL BANDWIDTH: 15MHz / 16QAM / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:24:31

HIGHER BAND EDGE



Date: 14.SEP.2020 17:18:05

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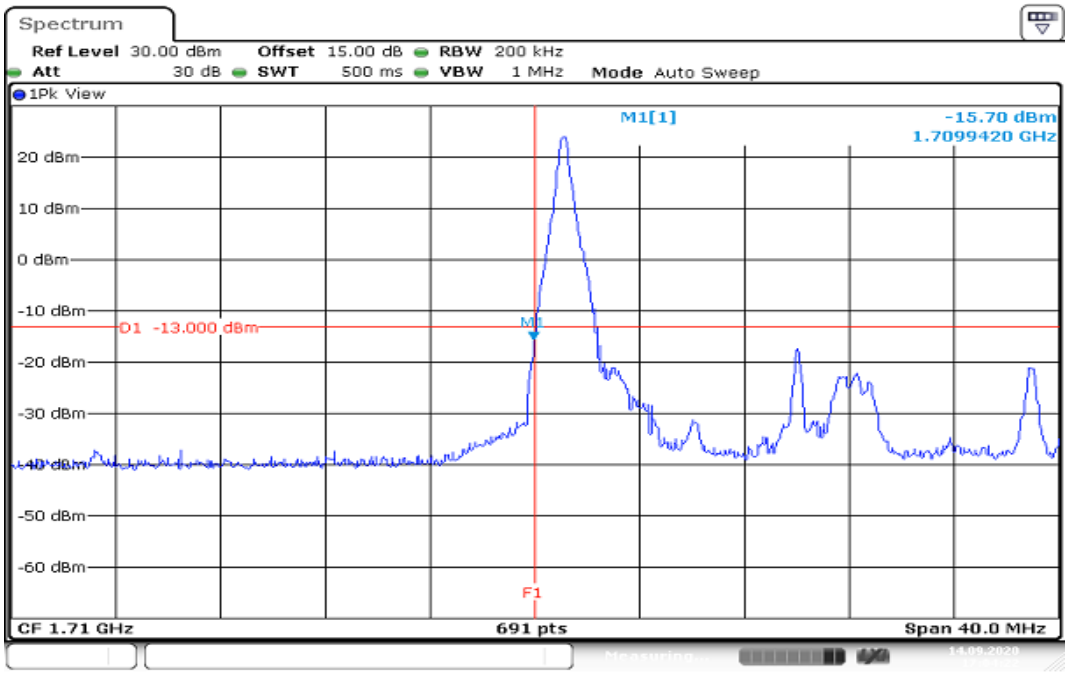
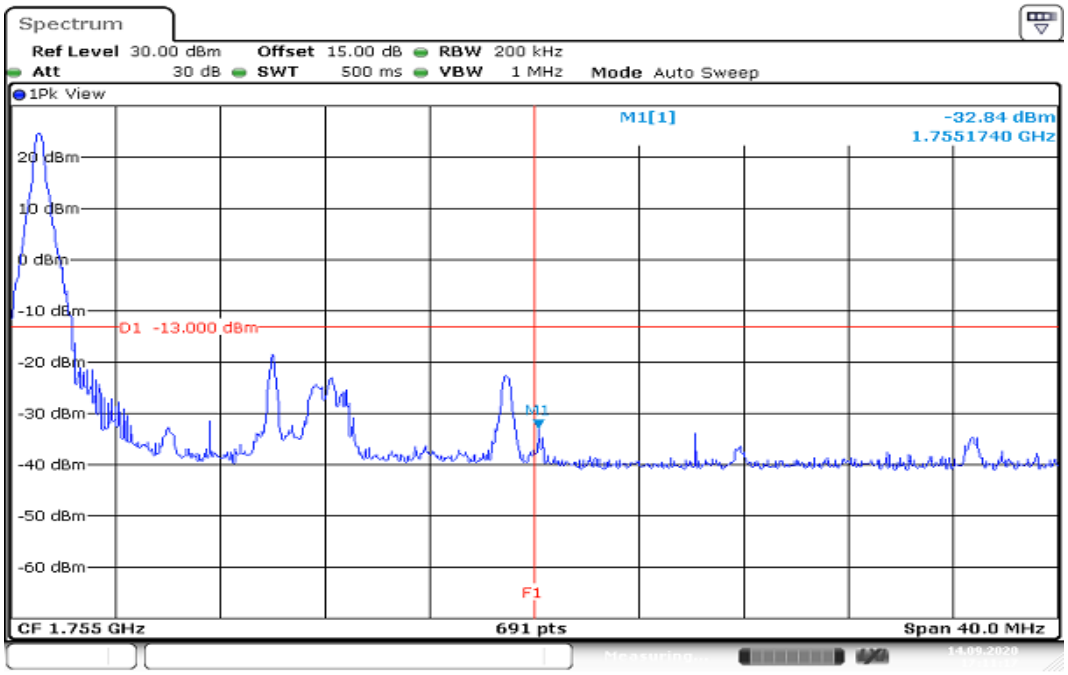
CHANNEL BANDWIDTH: 20MHz / 16QAM / 1RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:04:22

HIGHER BAND EDGE



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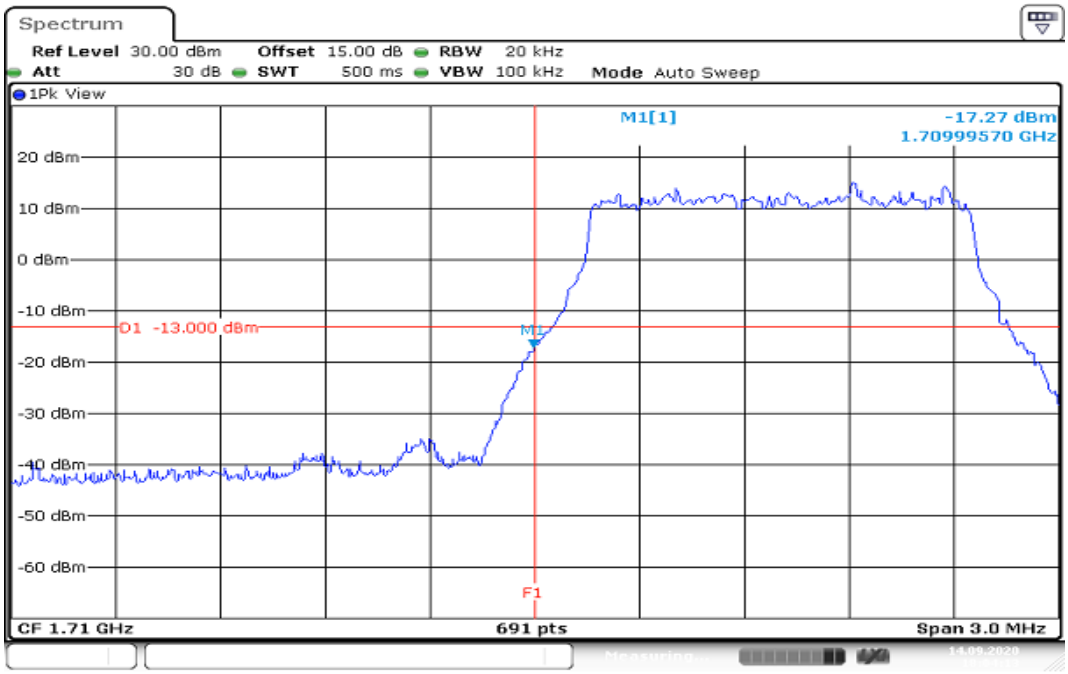
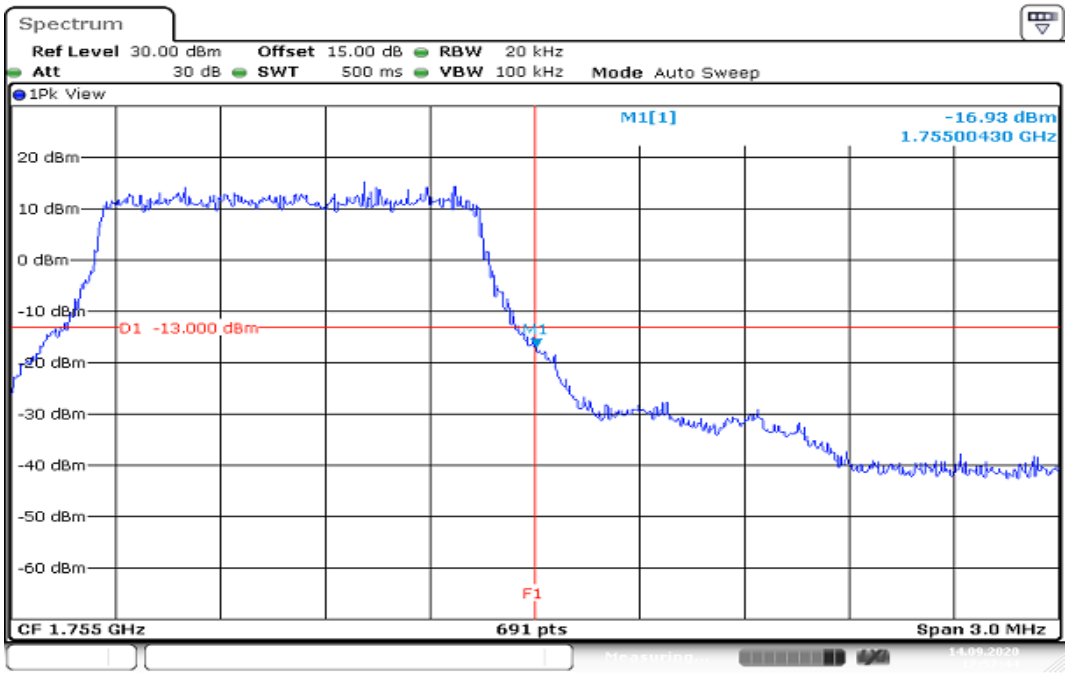
CHANNEL BANDWIDTH: 1.4MHz / 16QAM / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 18:04:14

HIGHER BAND EDGE



Date: 14.SEP.2020 17:57:44

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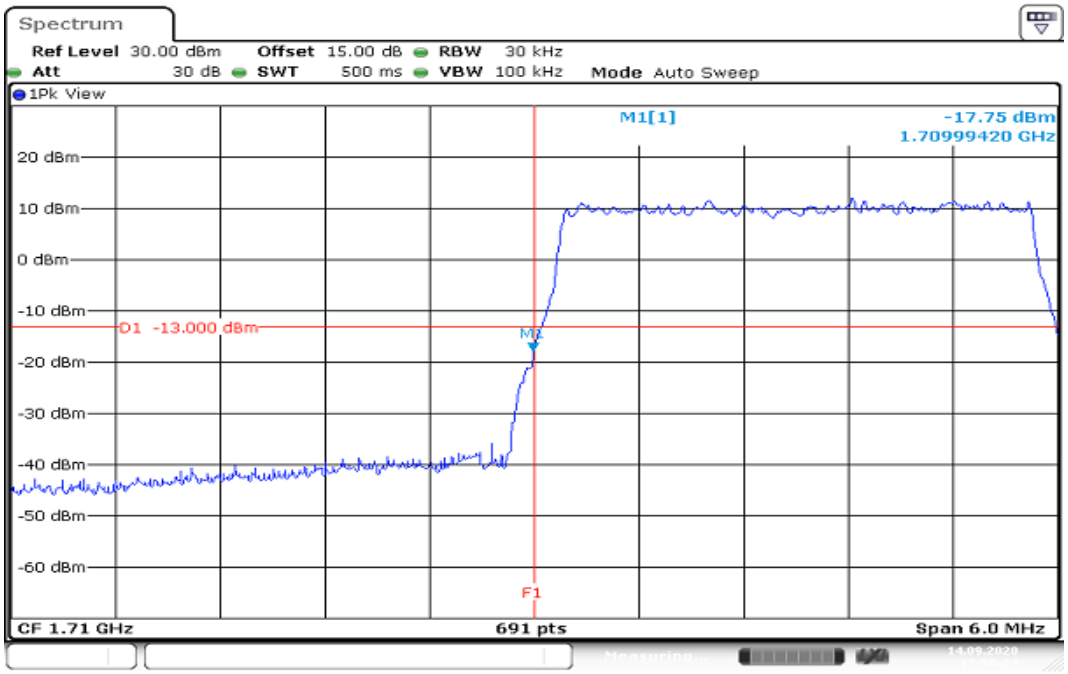
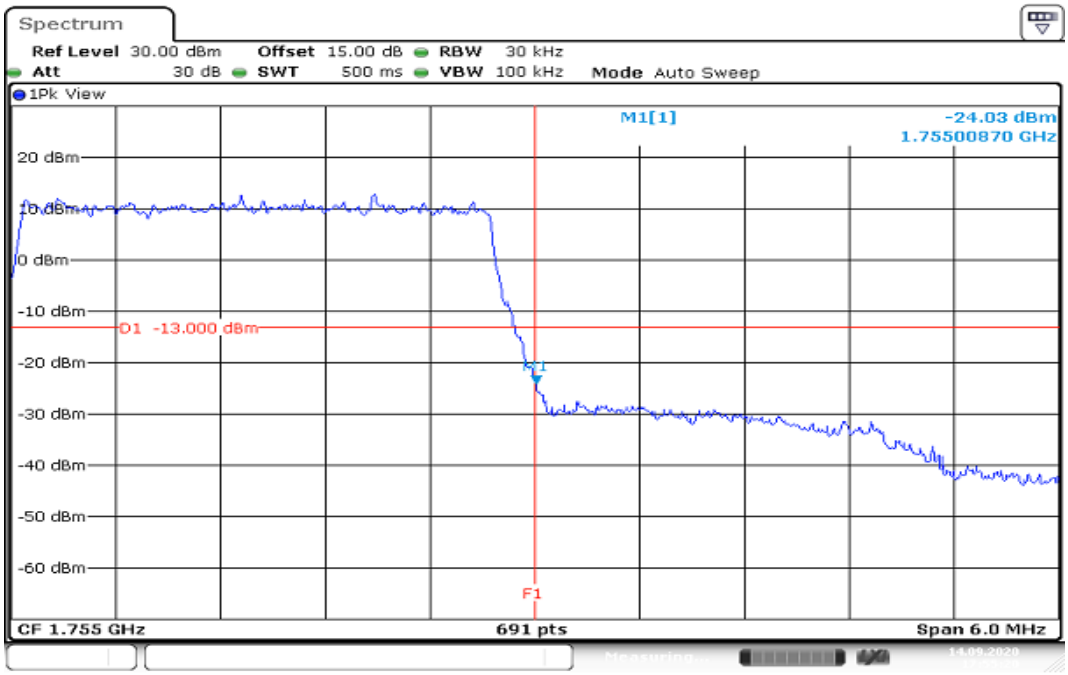
CHANNEL BANDWIDTH: 3MHz / 16QAM / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:50:23

HIGHER BAND EDGE



Date: 14.SEP.2020 17:55:20

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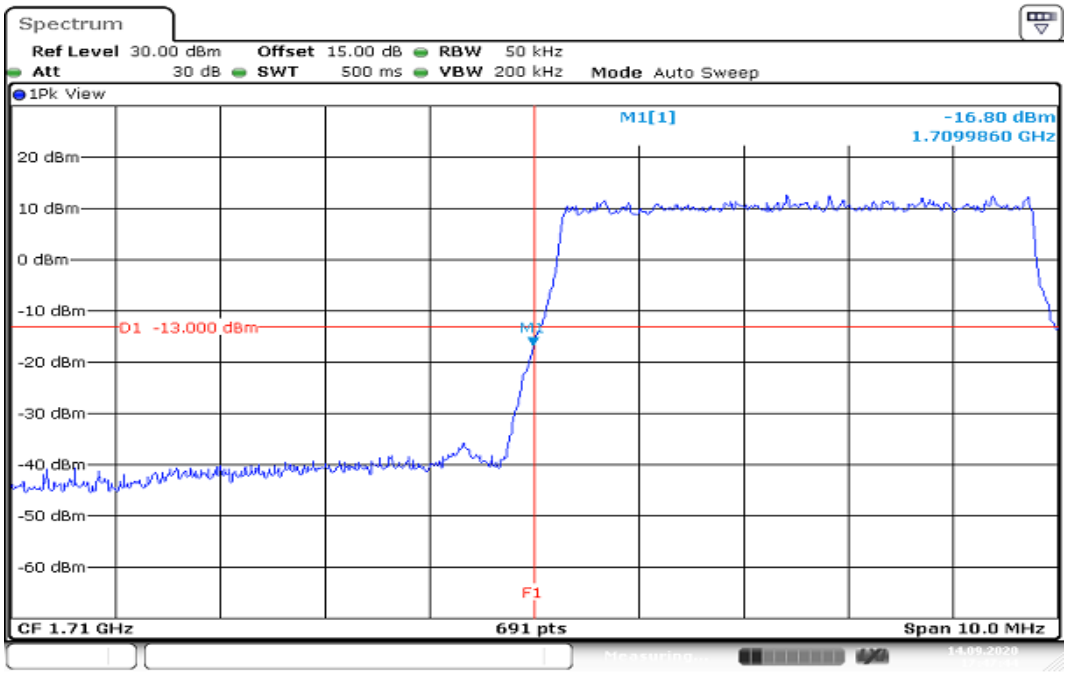
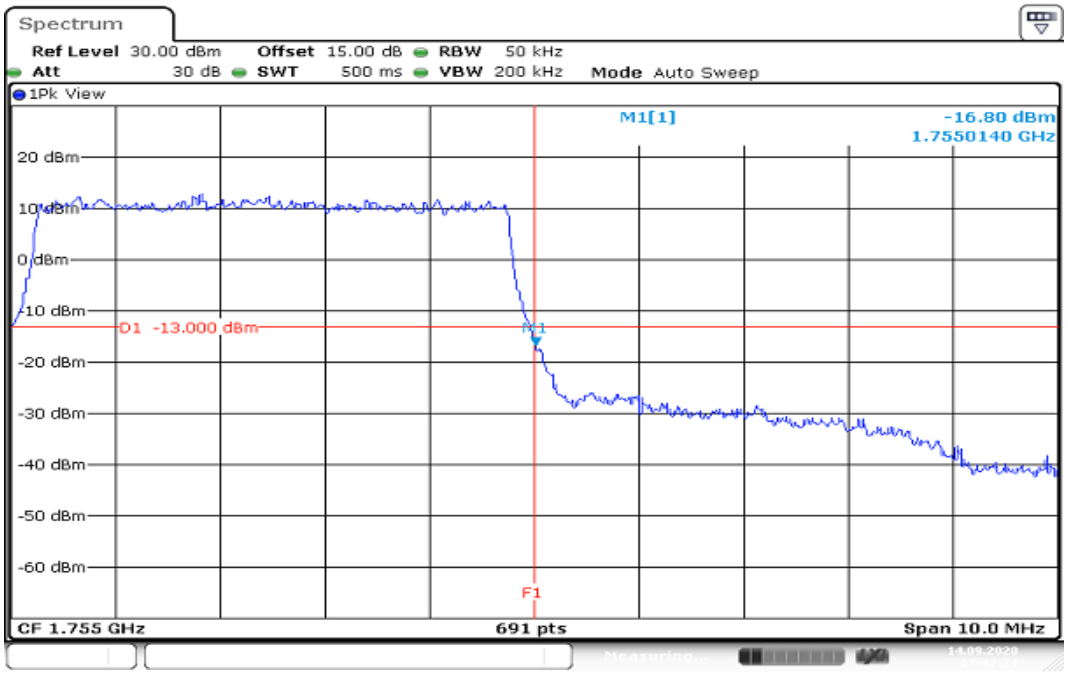
CHANNEL BANDWIDTH: 5MHz / 16QAM / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:47:44

HIGHER BAND EDGE



Date: 14.SEP.2020 17:42:21

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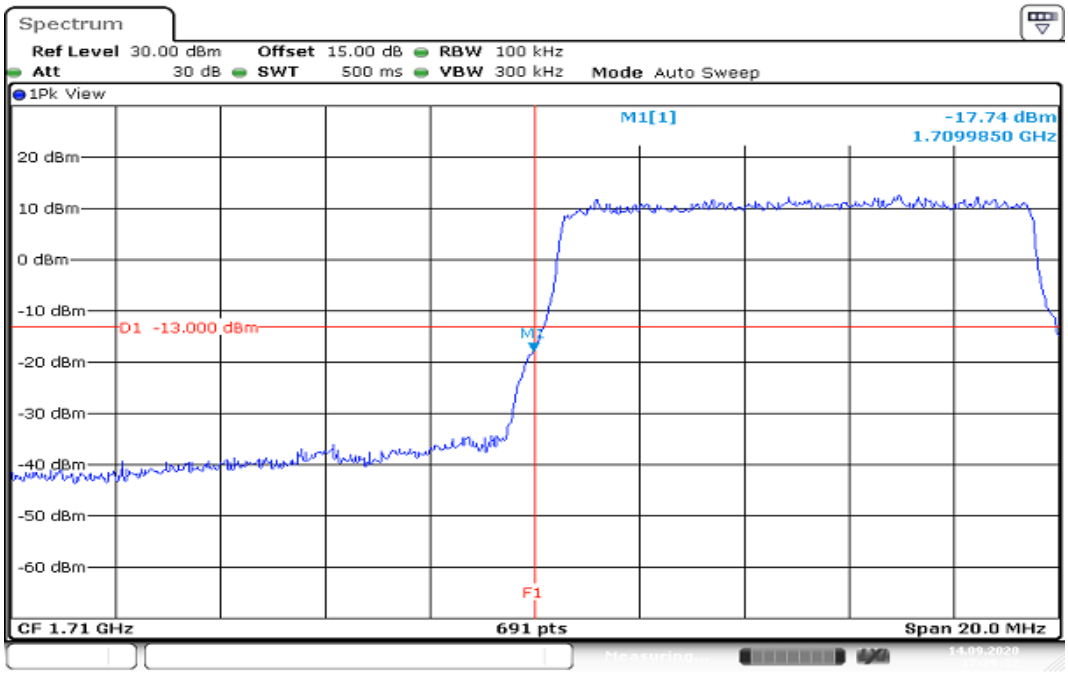
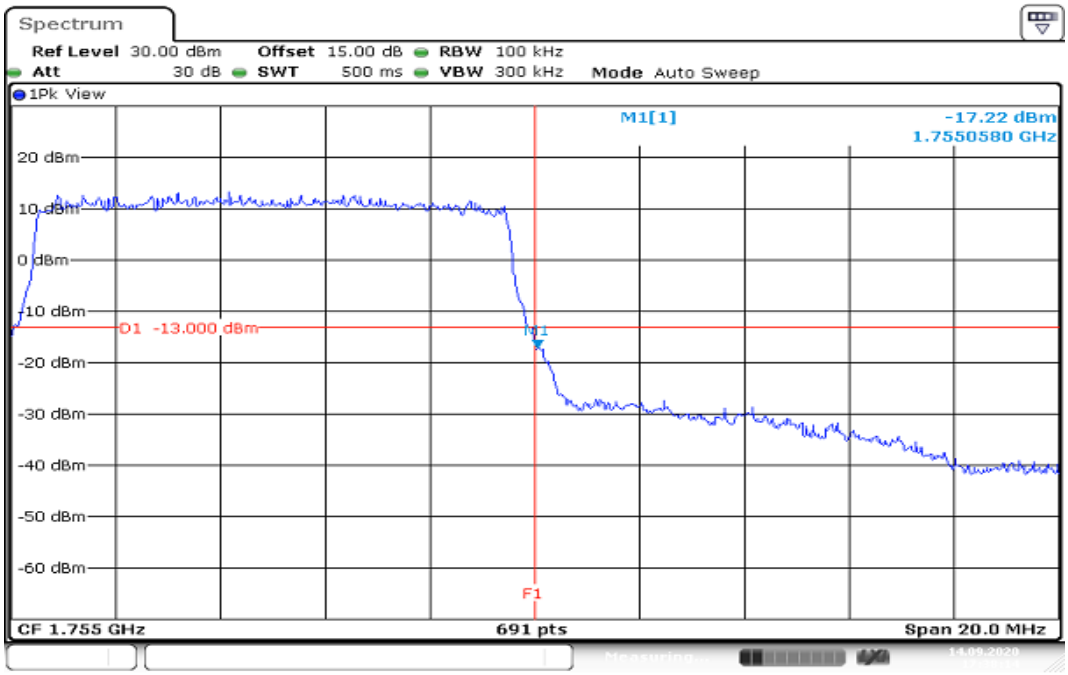
CHANNEL BANDWIDTH: 10MHz / 16QAM / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:29:32

HIGHER BAND EDGE



Date: 14.SEP.2020 17:38:14

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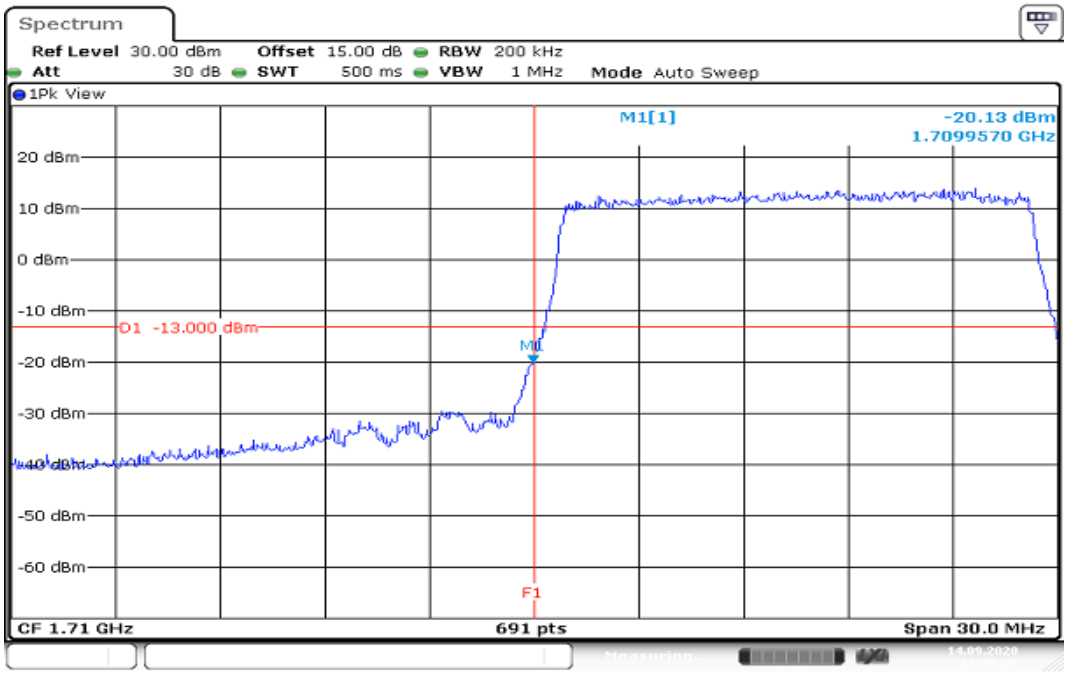
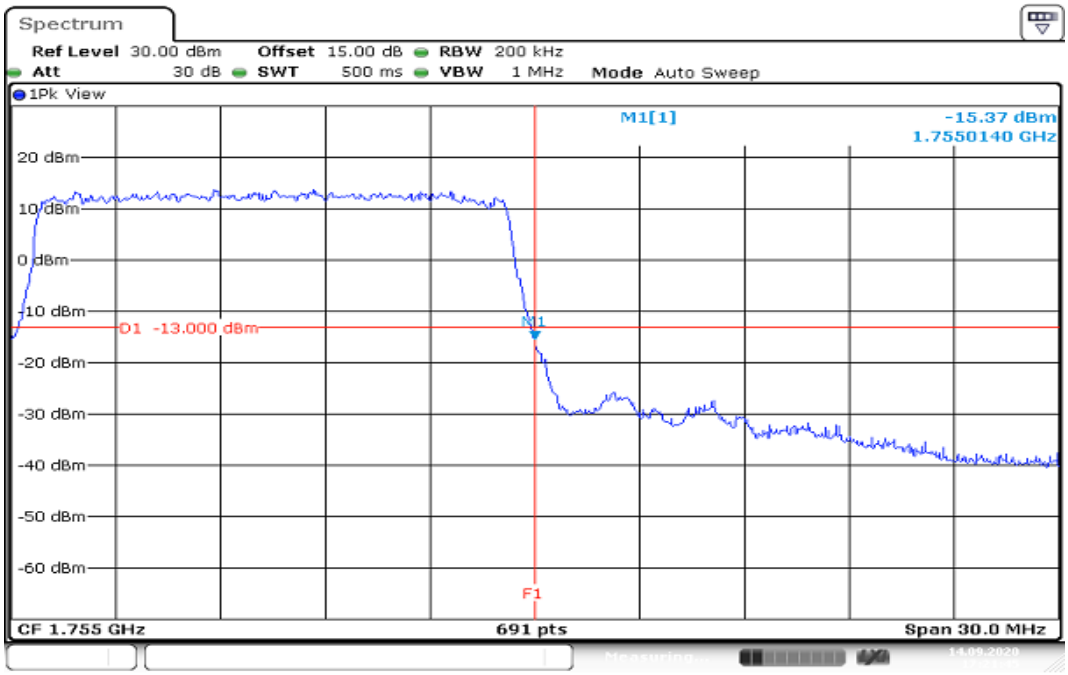
CHANNEL BANDWIDTH: 15MHz / 16QAM / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:25:28

HIGHER BAND EDGE



Date: 14.SEP.2020 17:21:45

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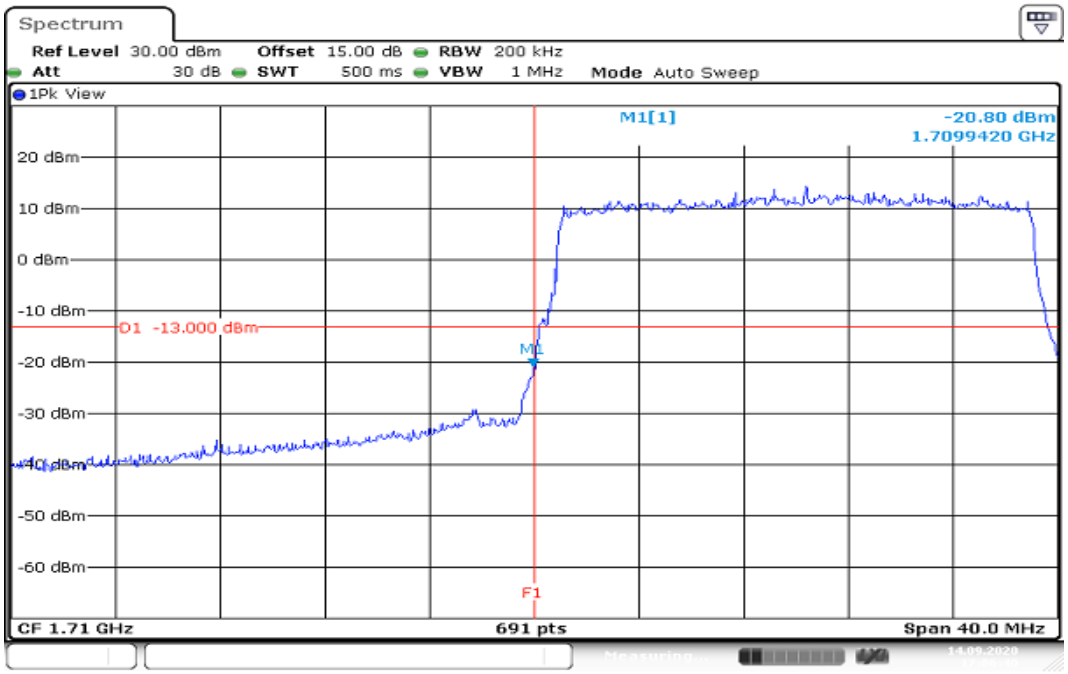
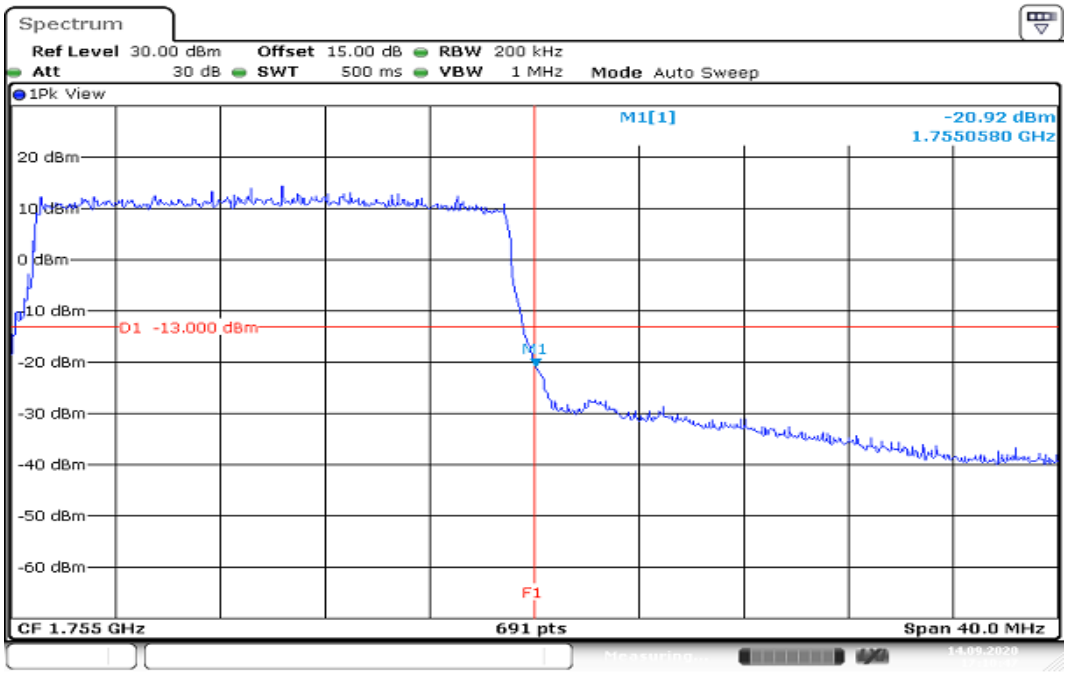
CHANNEL BANDWIDTH: 20MHz / 16QAM / FULL RB ALLOCATION
LOWER BAND EDGE



Date: 14.SEP.2020 17:06:40

HIGHER BAND EDGE



Date: 14.SEP.2020 17:10:47

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8.6 CONDUCTED SPURIOUS EMISSIONS

LIMITS

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 log10(P) dB. The limit of emission equal to –13dBm

TEST PROCEDURES

1. According to KDB 971168D01, photograph 6.0
2. The EUT was connect to spectrum analyzer and call box.
3. The RF output of EUT was connected to the spectrum analyzer.
4. Set the spectrum analyzer , RBW=1MHz, VBW=3MHz.
5. Record the maximum spurious emission.
6. The fundamental frequency should be excluded against the limit in operating band.

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TEST RESULTS

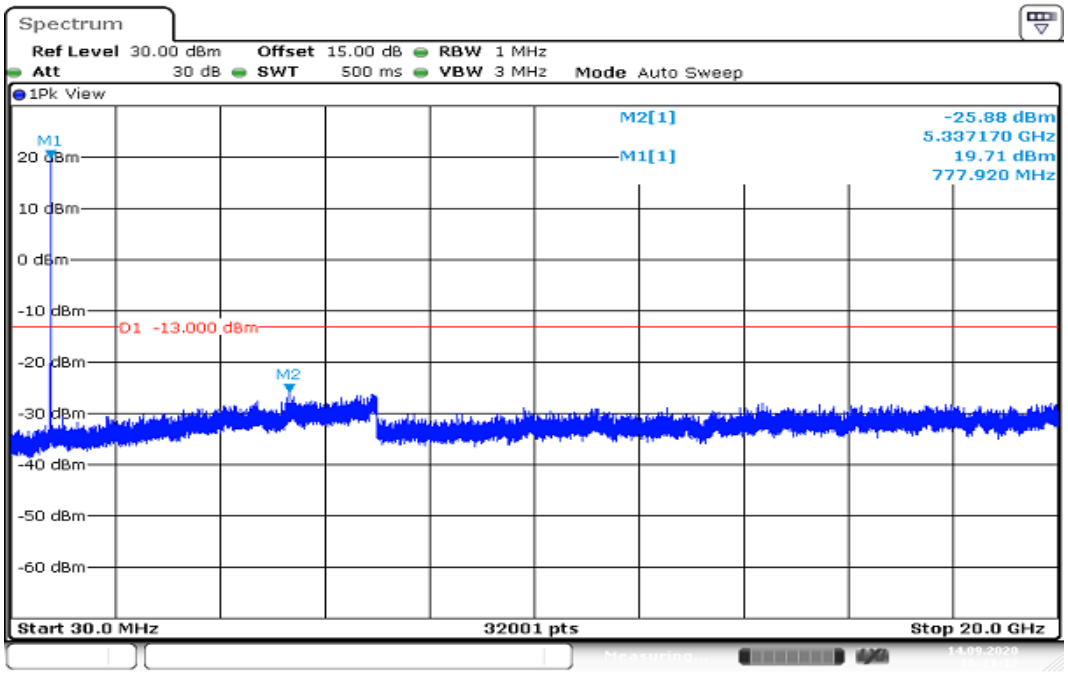
Temperature: 24℃ **Humidity:** 50% RH

Tested by: Jane Wang

LTE Band 13

CHANNEL BANDWIDTH: 5MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 16:21:12

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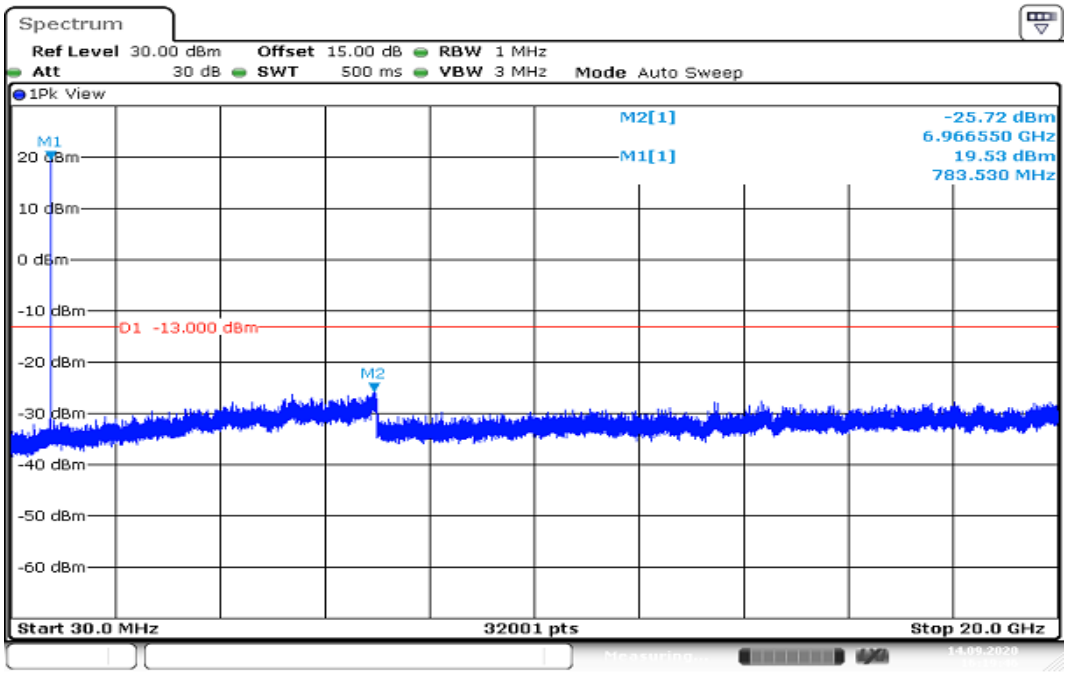
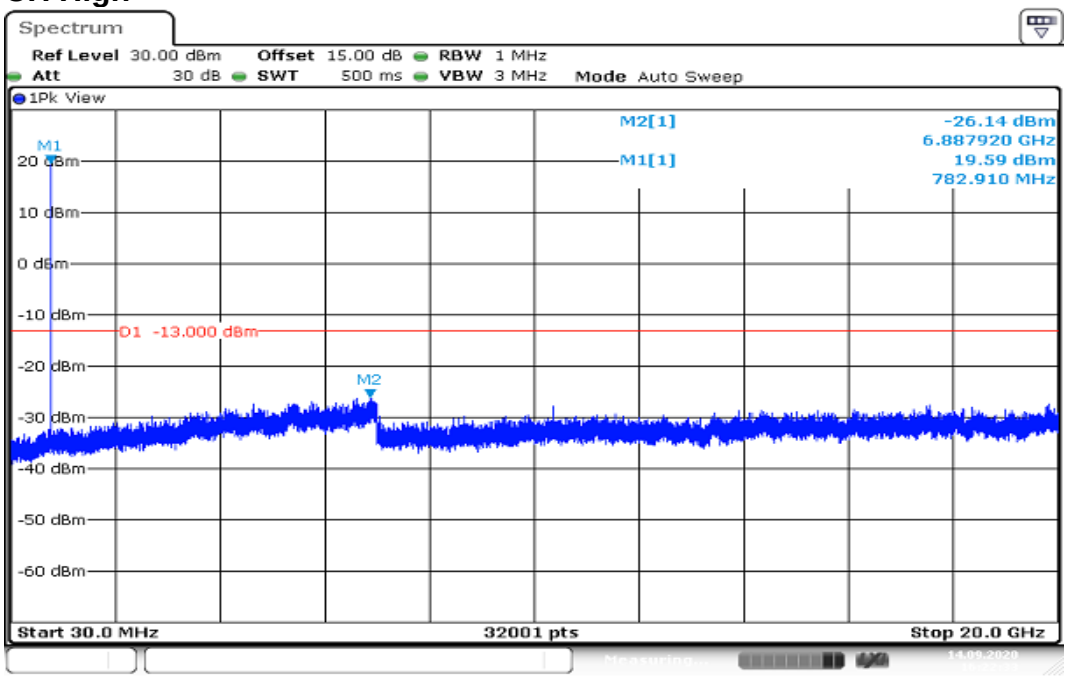
CH Mid



Date: 14.SEP.2020 16:19:46

CH High



Date: 14.SEP.2020 16:22:33

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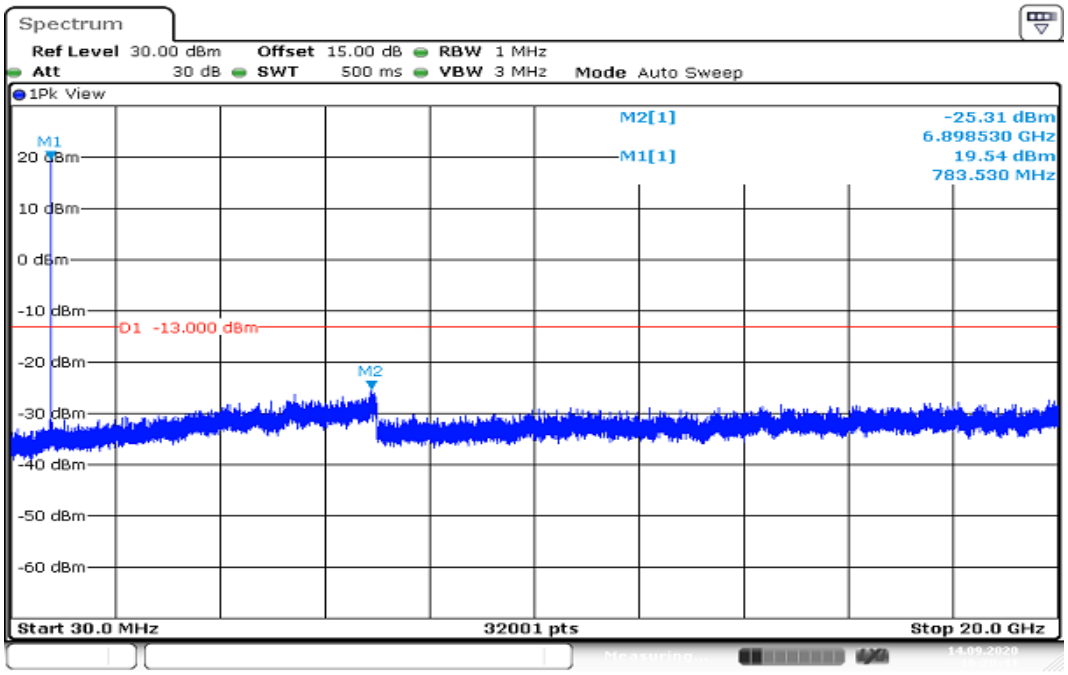
CHANNEL BANDWIDTH: 10MHz / QPSK / 1RB
CH Mid



Date: 14.SEP.2020 16:20:41

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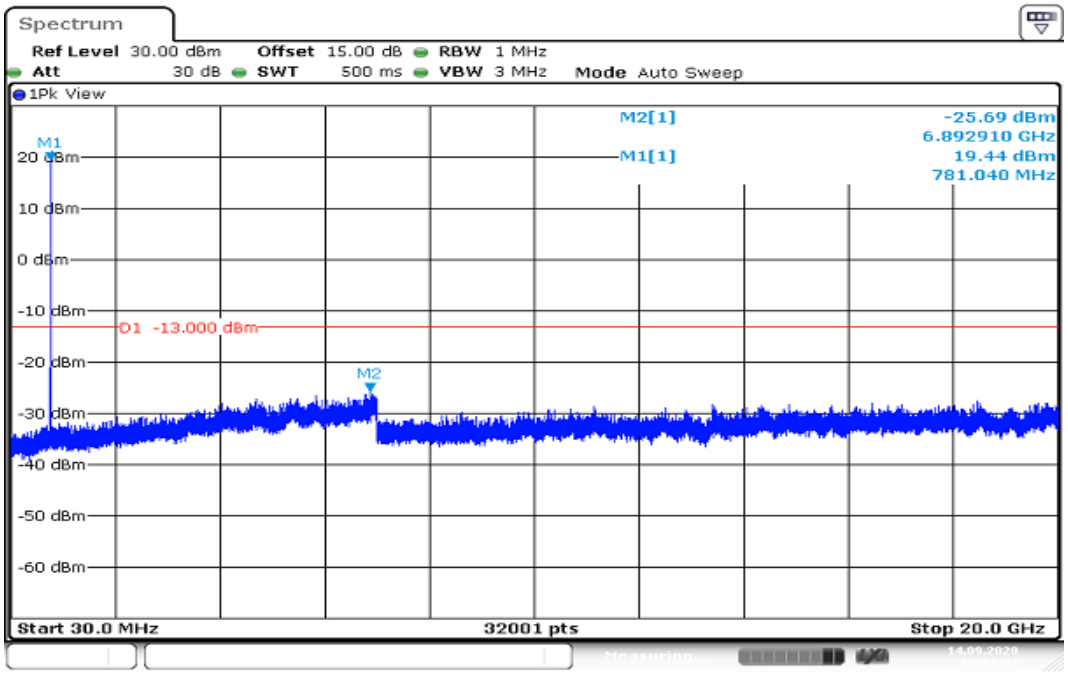
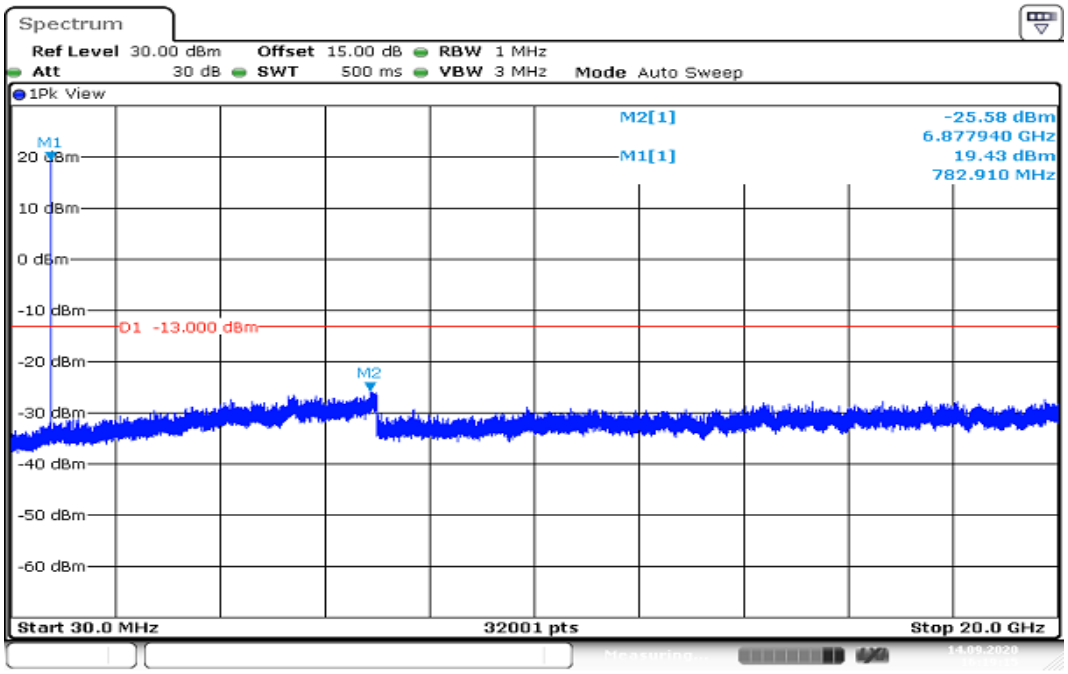
CHANNEL BANDWIDTH: 5MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 16:21:43

CH Mid



Date: 14.SEP.2020 16:19:15

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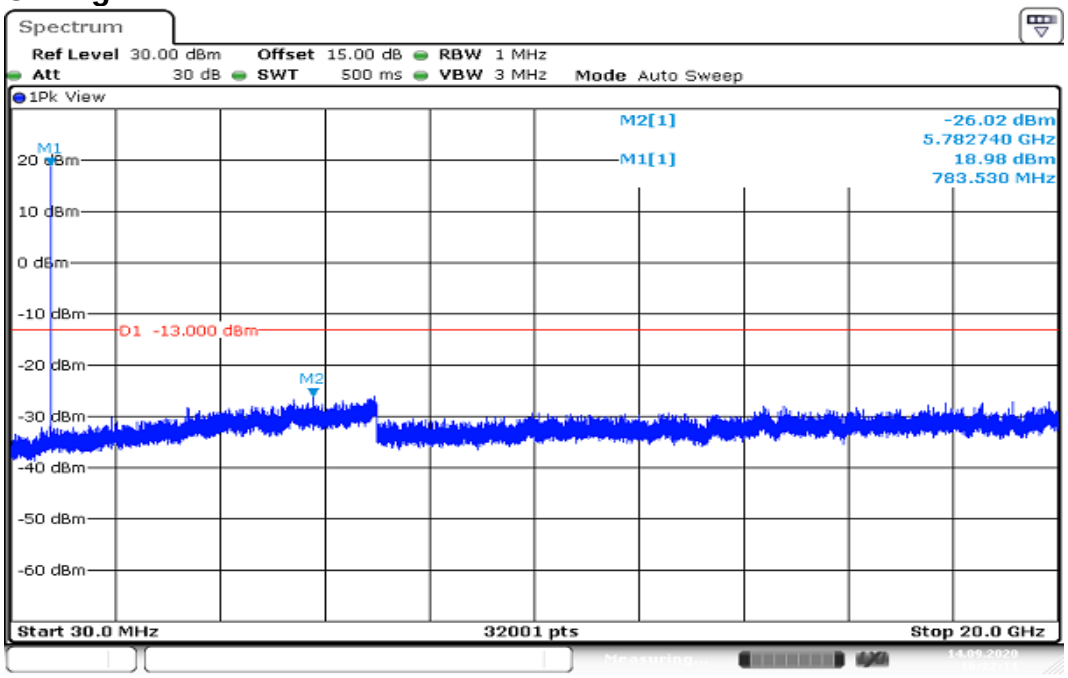
CH High



Date: 14.SEP.2020 16:22:11

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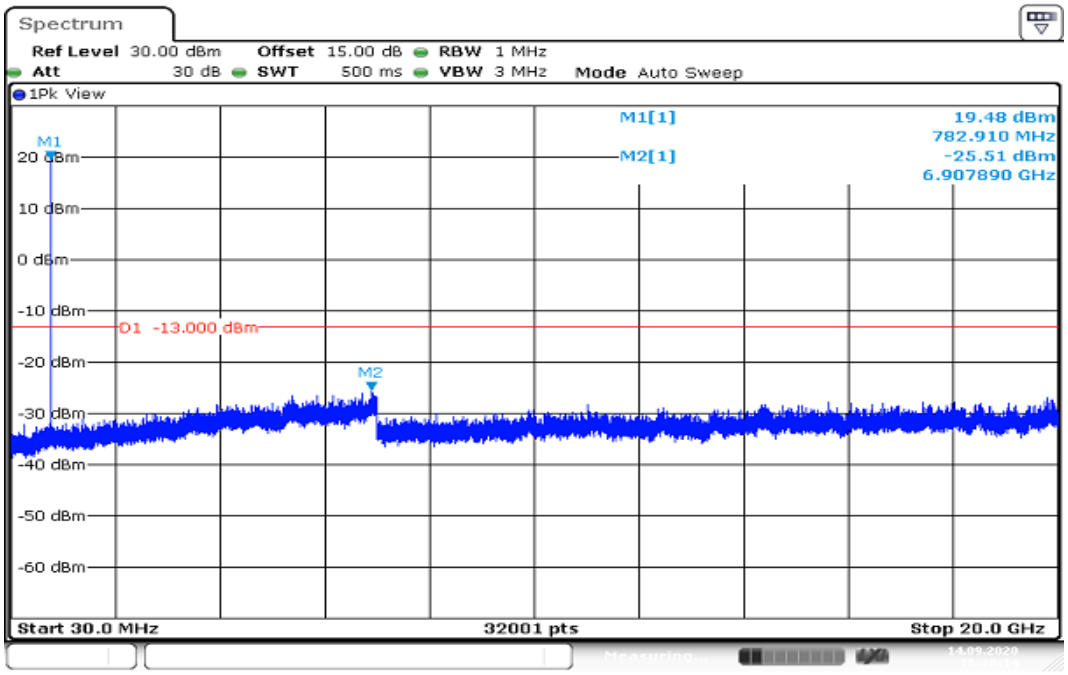
CHANNEL BANDWIDTH: 10MHz / 16QAM / 1RB
CH Mid



Date: 14.SEP.2020 16:20:14

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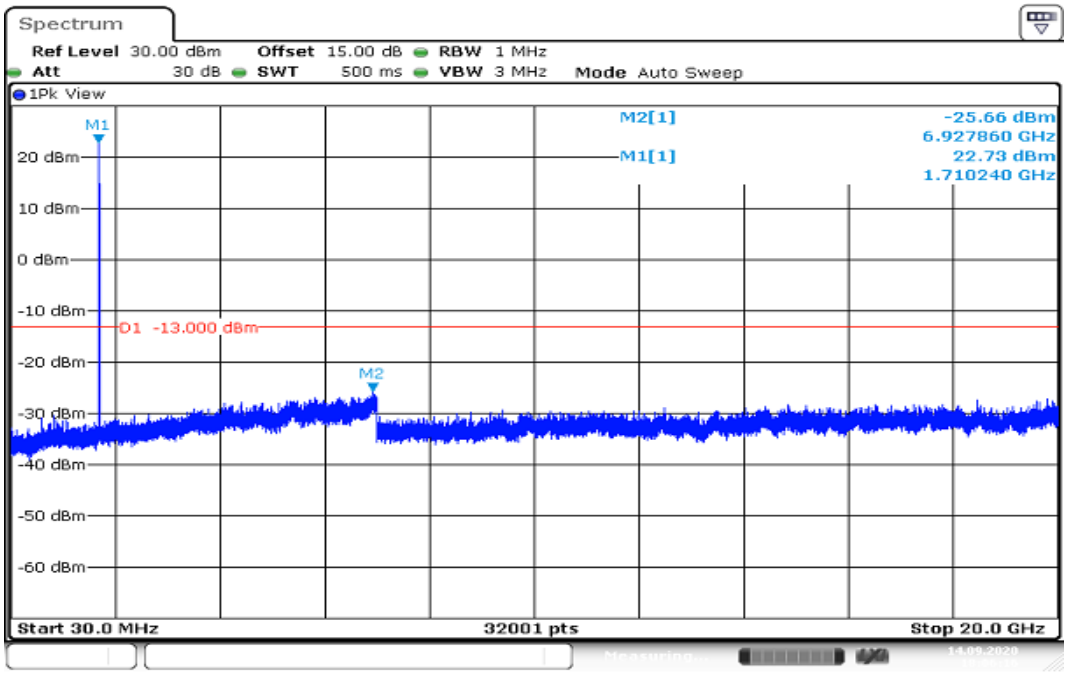
LTE Band 4

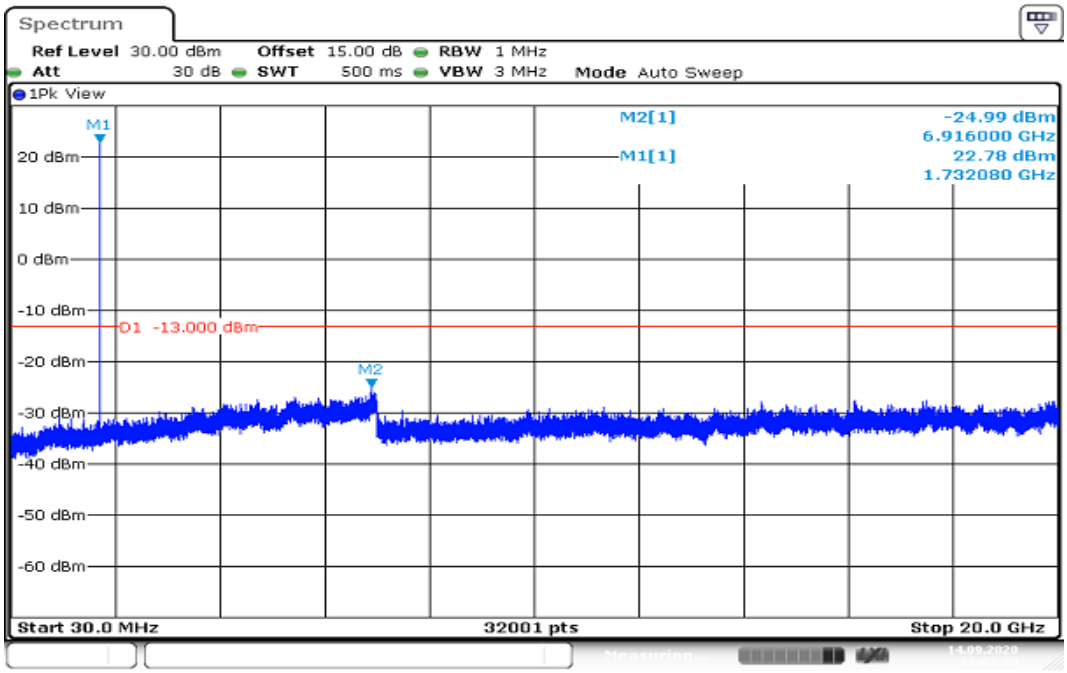
CHANNEL BANDWIDTH: 1.4MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 18:06:16

CH Mid



Date: 14.SEP.2020 18:07:59

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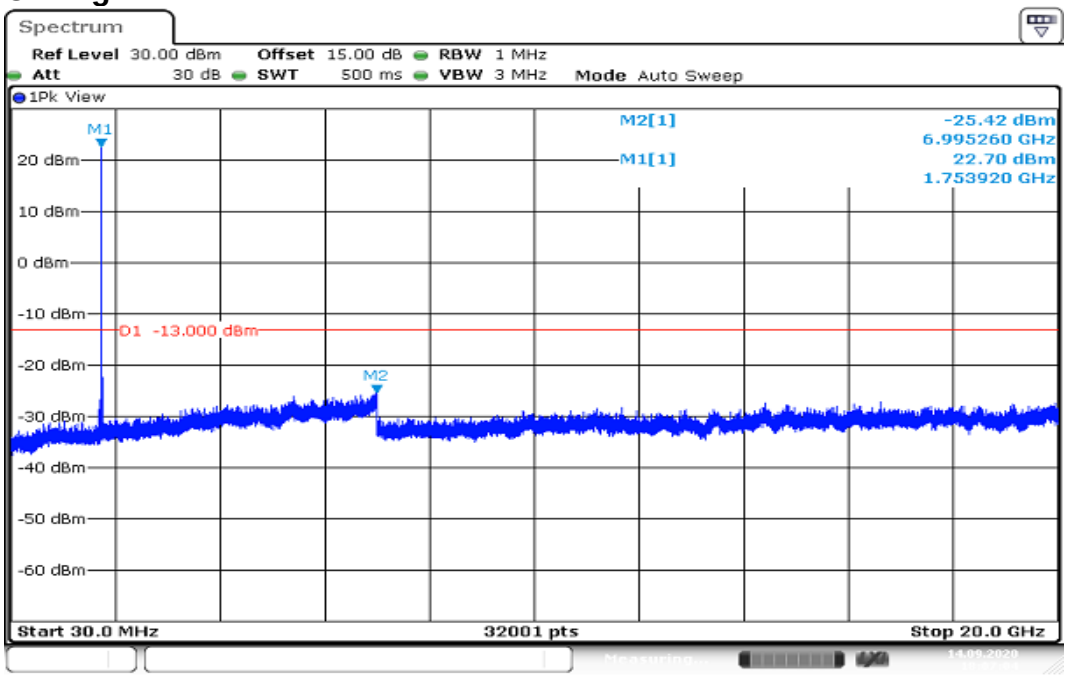
CH High



Date: 14.SEP.2020 18:07:05

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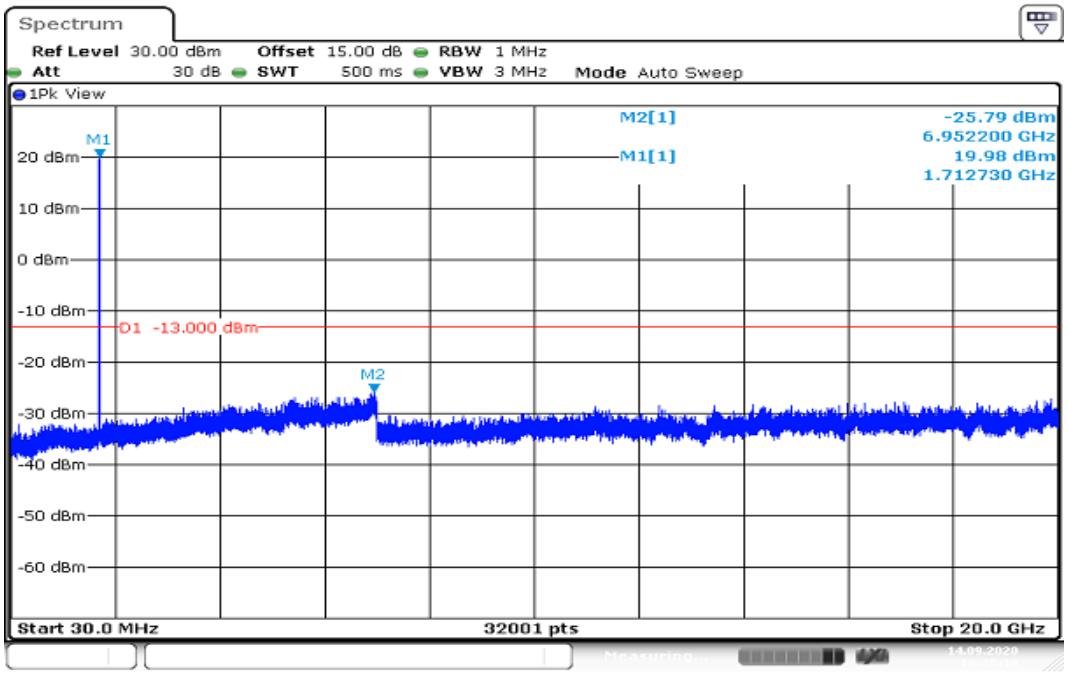
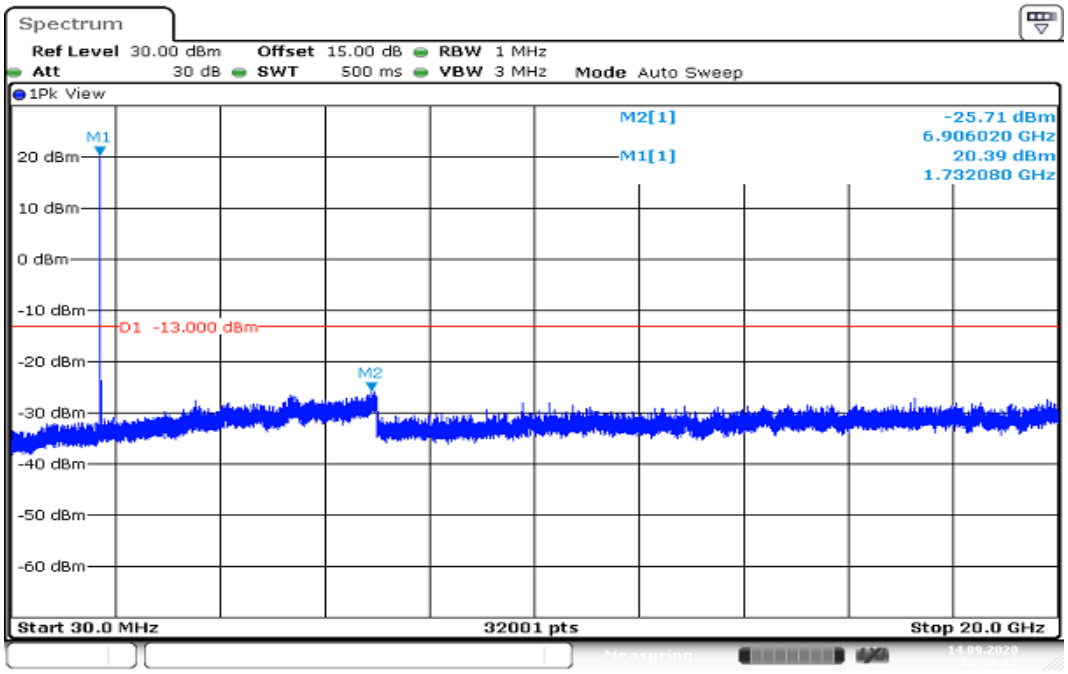
CHANNEL BANDWIDTH: 3MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 18:25:10

CH Mid



Date: 14.SEP.2020 18:19:17

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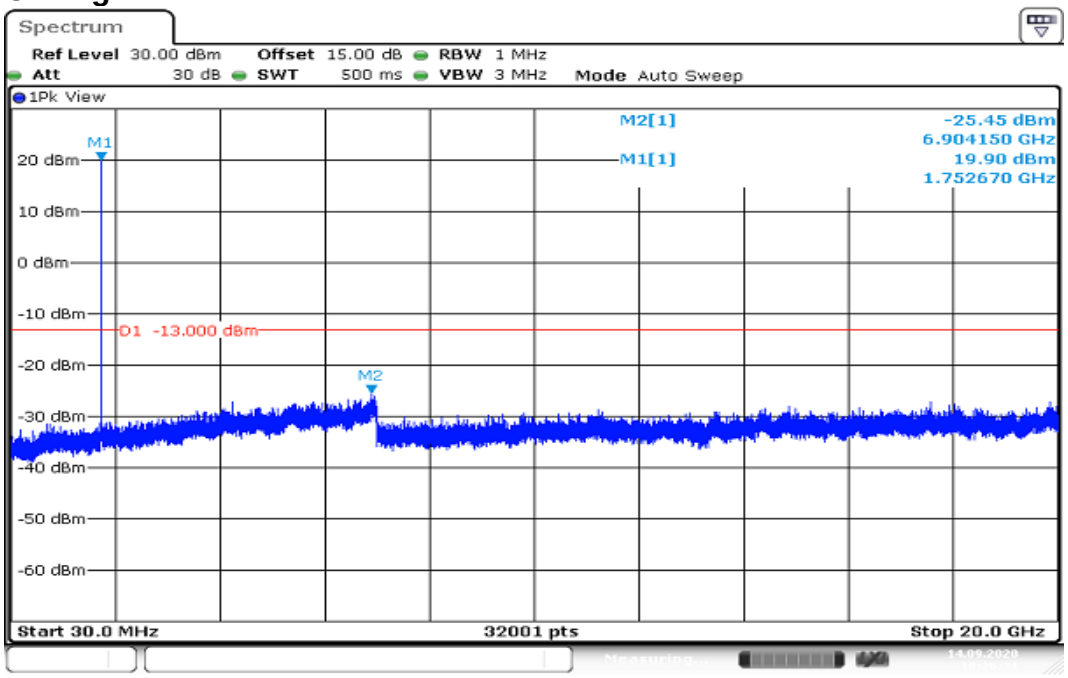
CH High



Date: 14.SEP.2020 18:26:31

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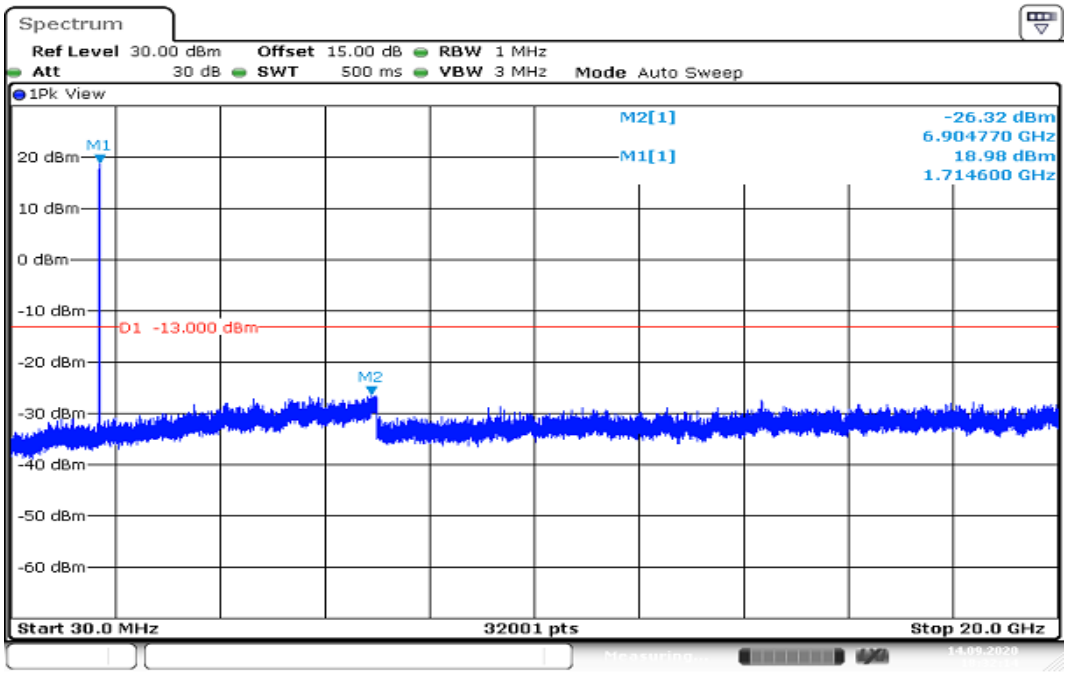
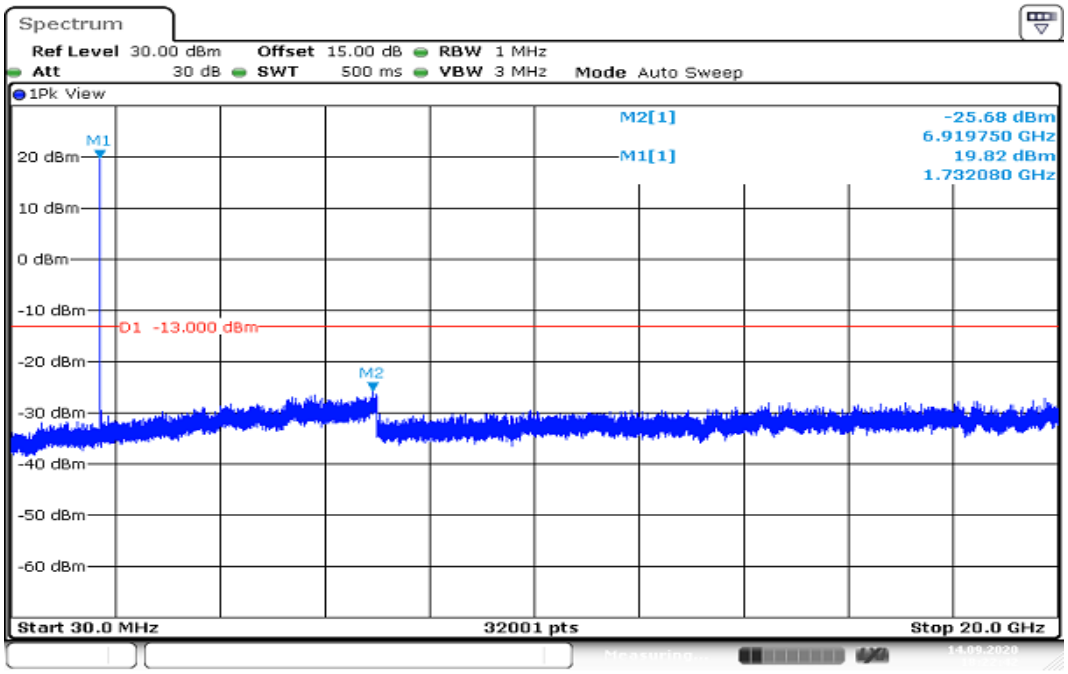
CHANNEL BANDWIDTH: 5MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 18:32:14

CH Mid



Date: 14.SEP.2020 18:22:42

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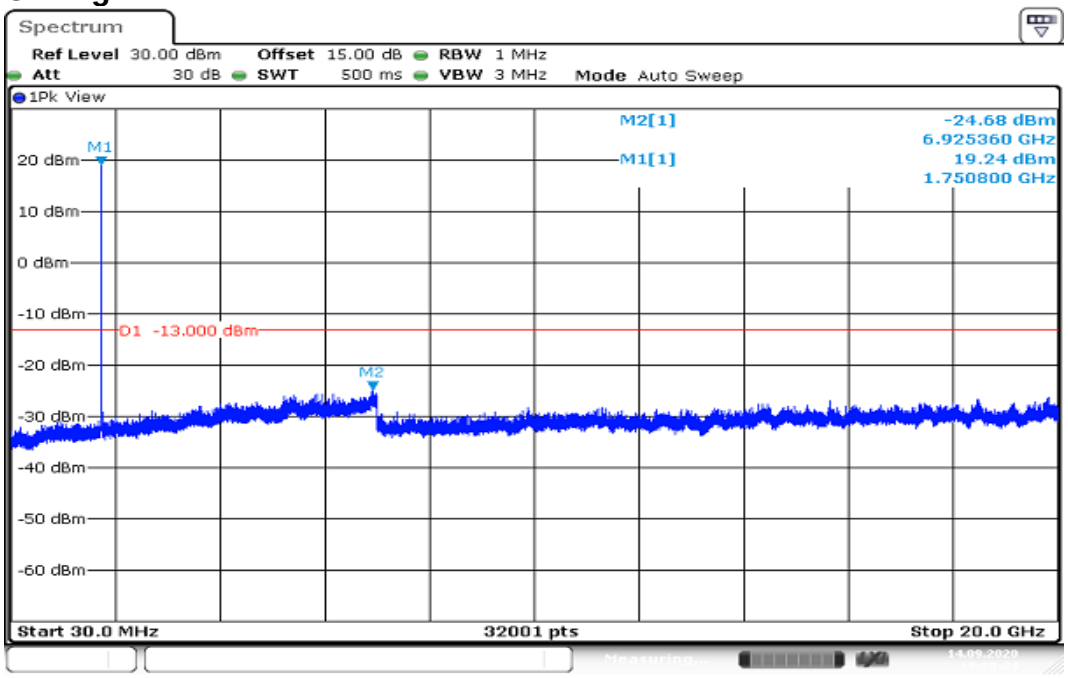
CH High



Date: 14.SEP.2020 18:28:24

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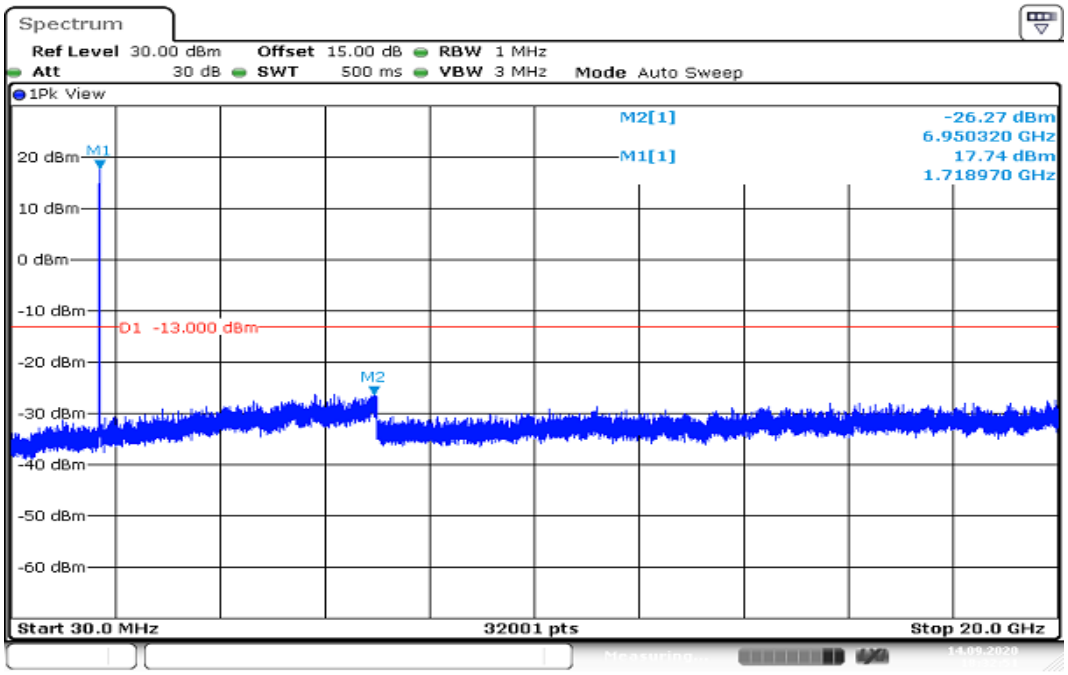
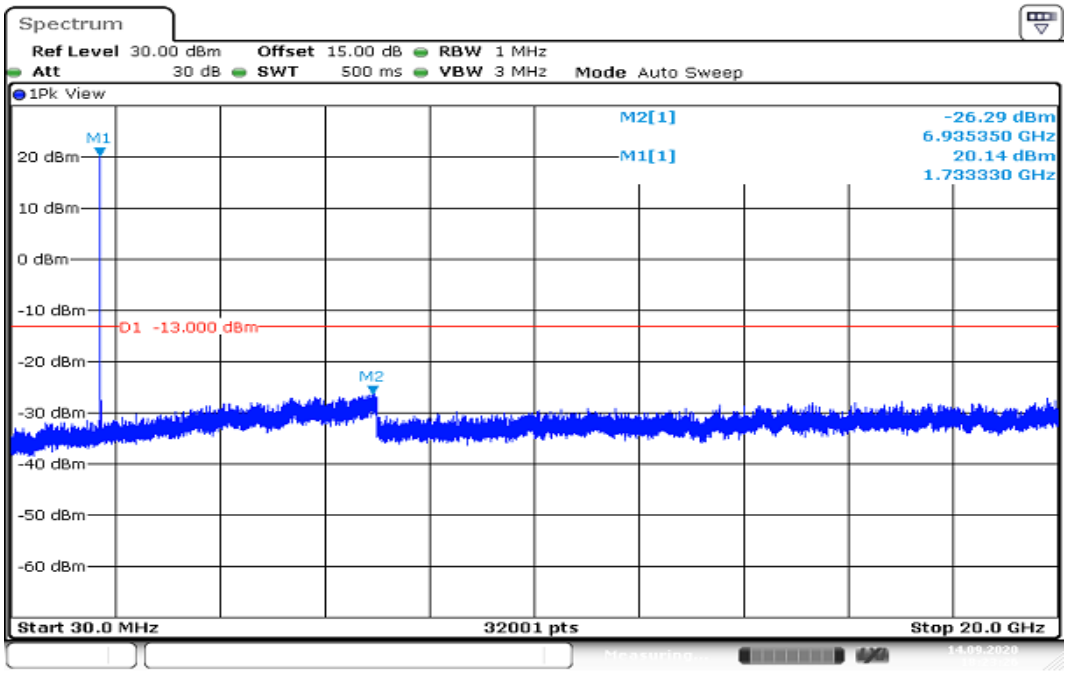
CHANNEL BANDWIDTH: 10MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 18:32:51

CH Mid



Date: 14.SEP.2020 18:23:26

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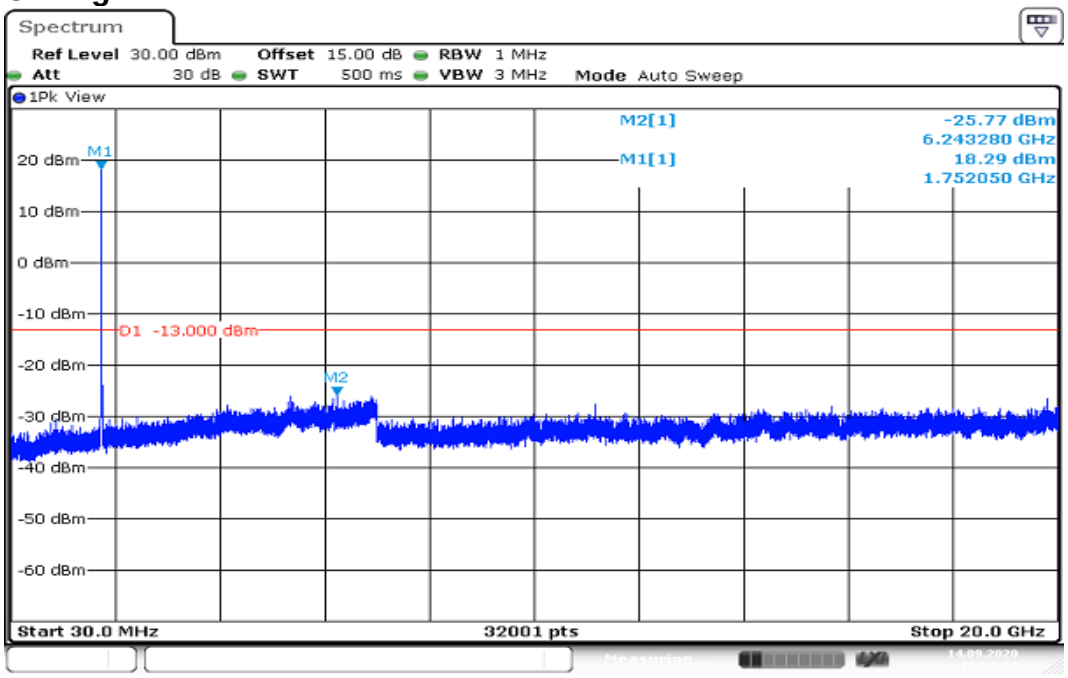
CH High



Date: 14.SEP.2020 18:34:07

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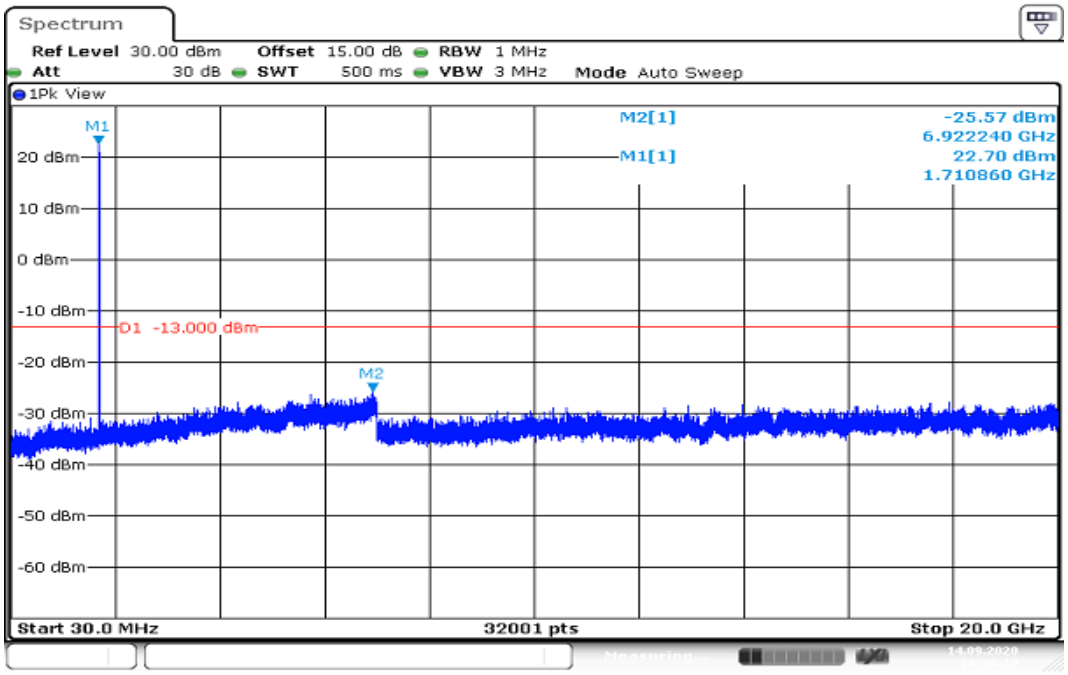
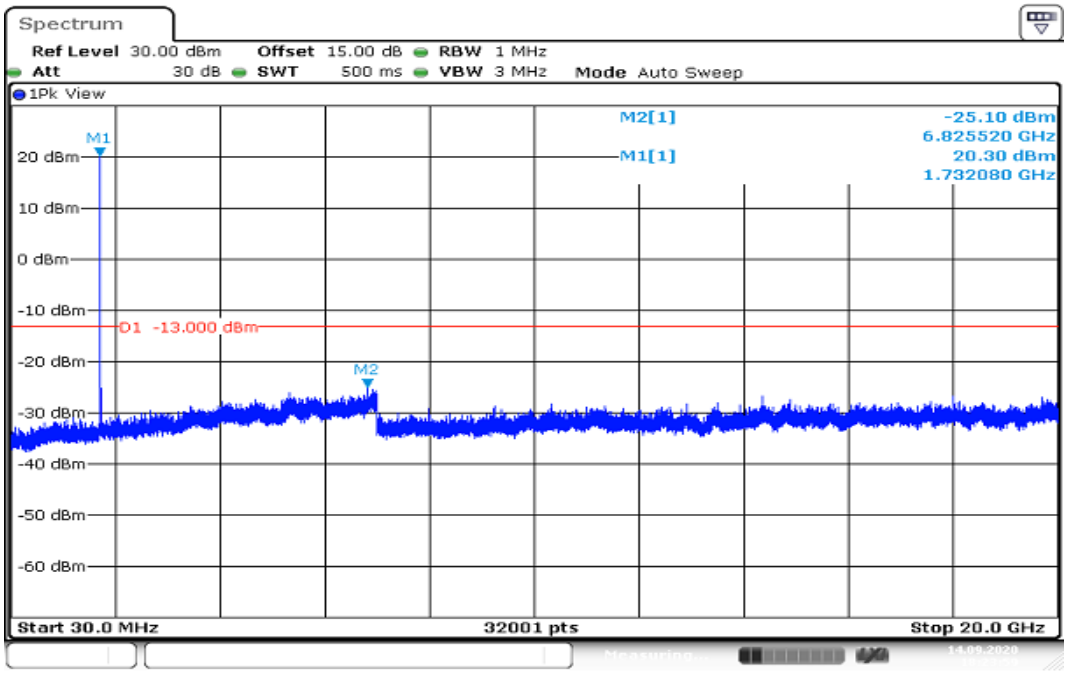
CHANNEL BANDWIDTH: 15MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 18:39:19

CH Mid



Date: 14.SEP.2020 18:23:59

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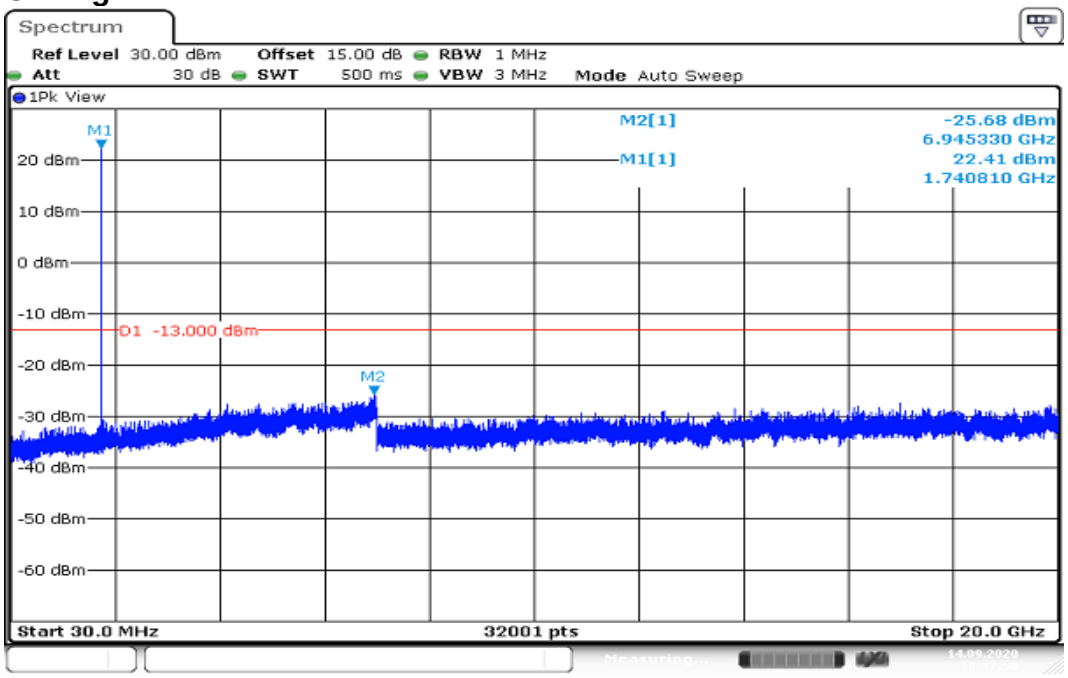
CH High



Date: 14.SEP.2020 18:37:56

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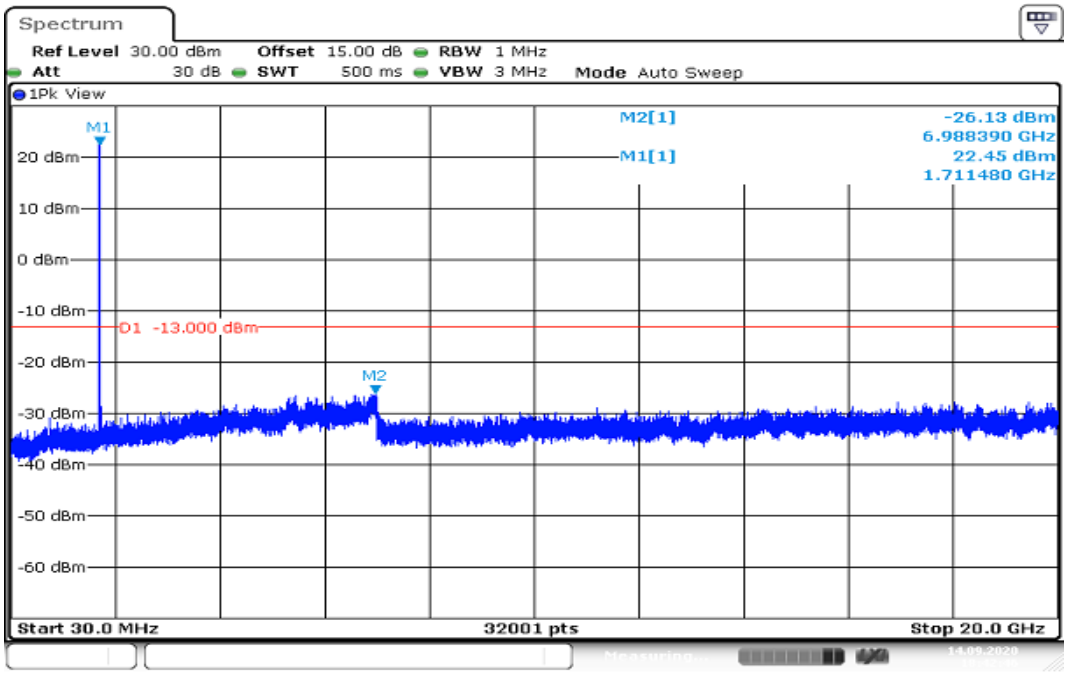
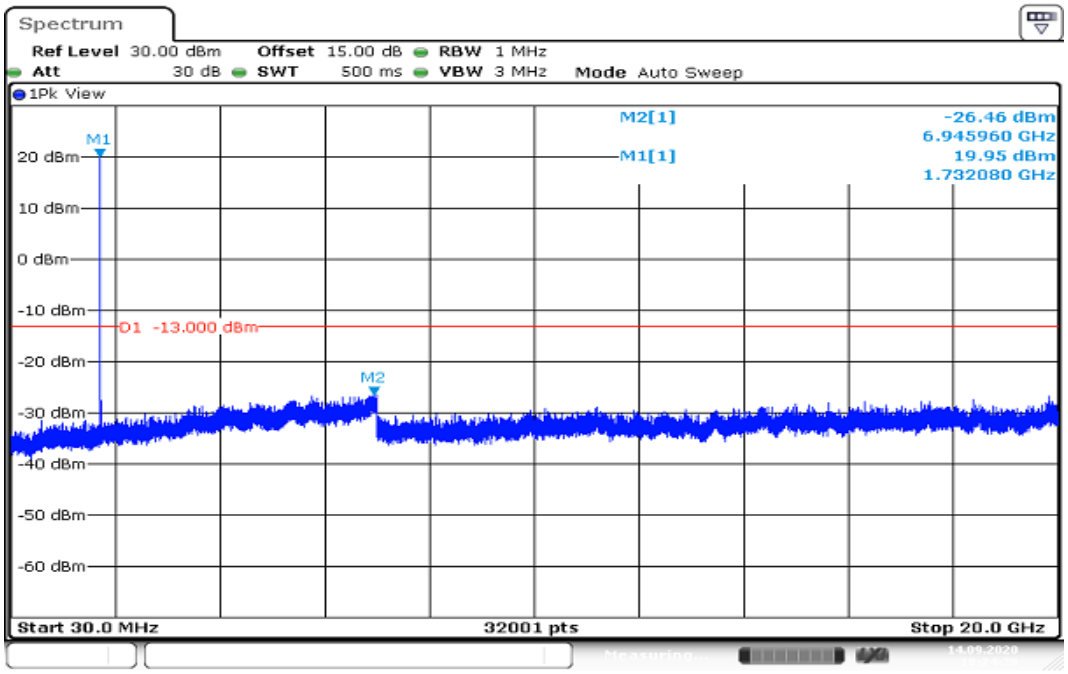
CHANNEL BANDWIDTH: 20MHz / QPSK / 1RB

CH Low



Date: 14.SEP.2020 18:42:46

CH Mid



Date: 14.SEP.2020 18:24:28

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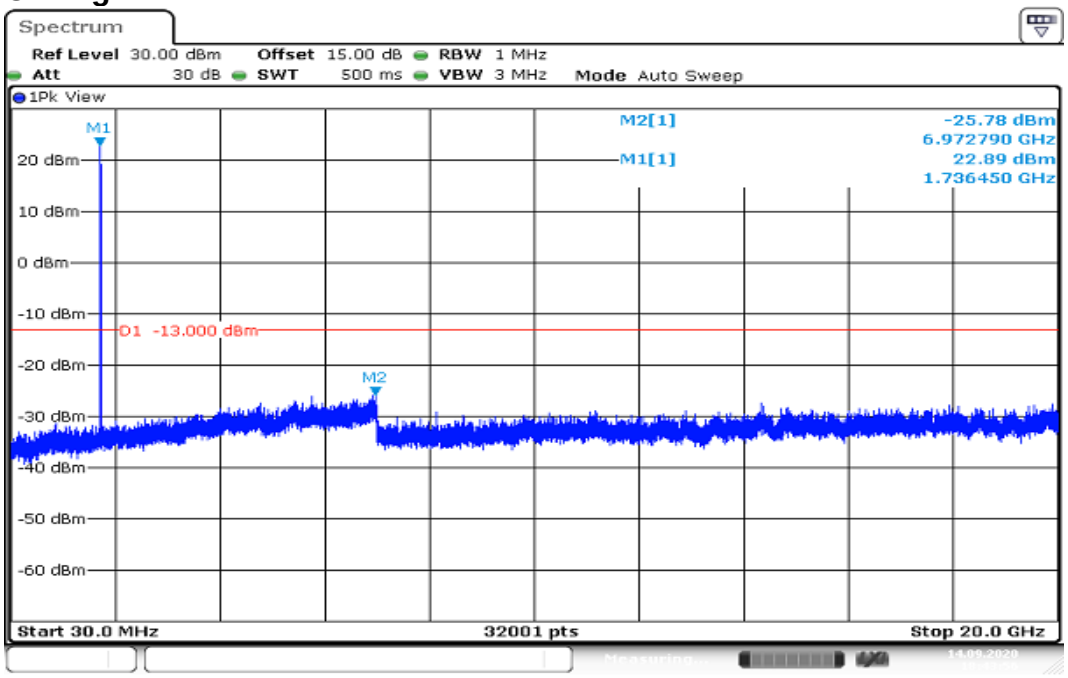
CH High



Date: 14.SEP.2020 18:43:56

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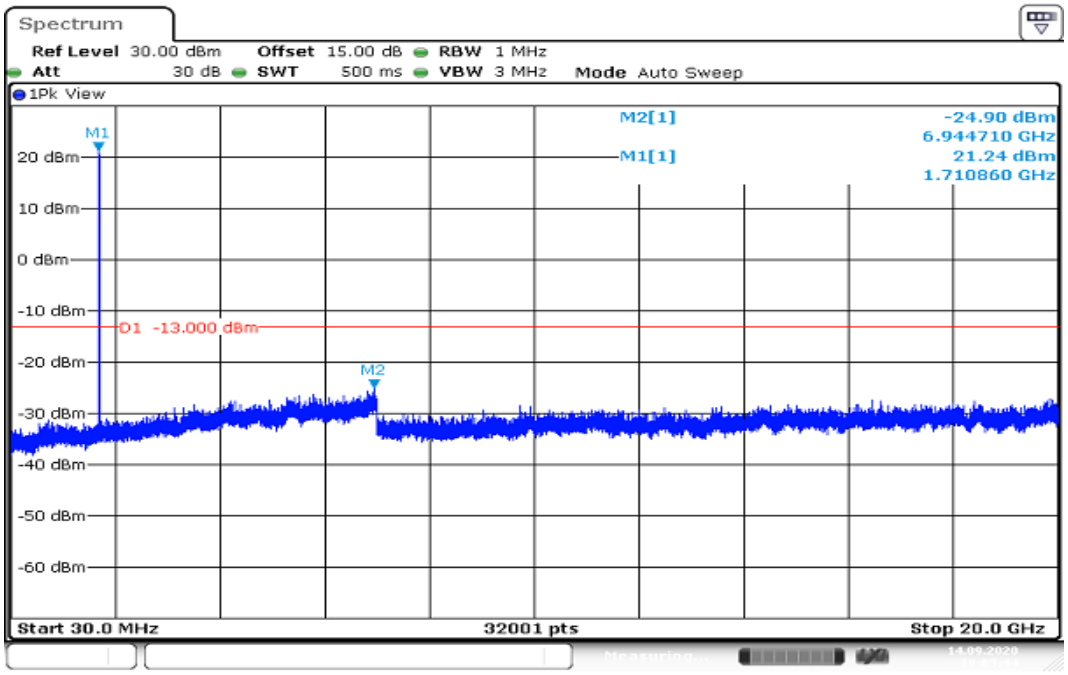
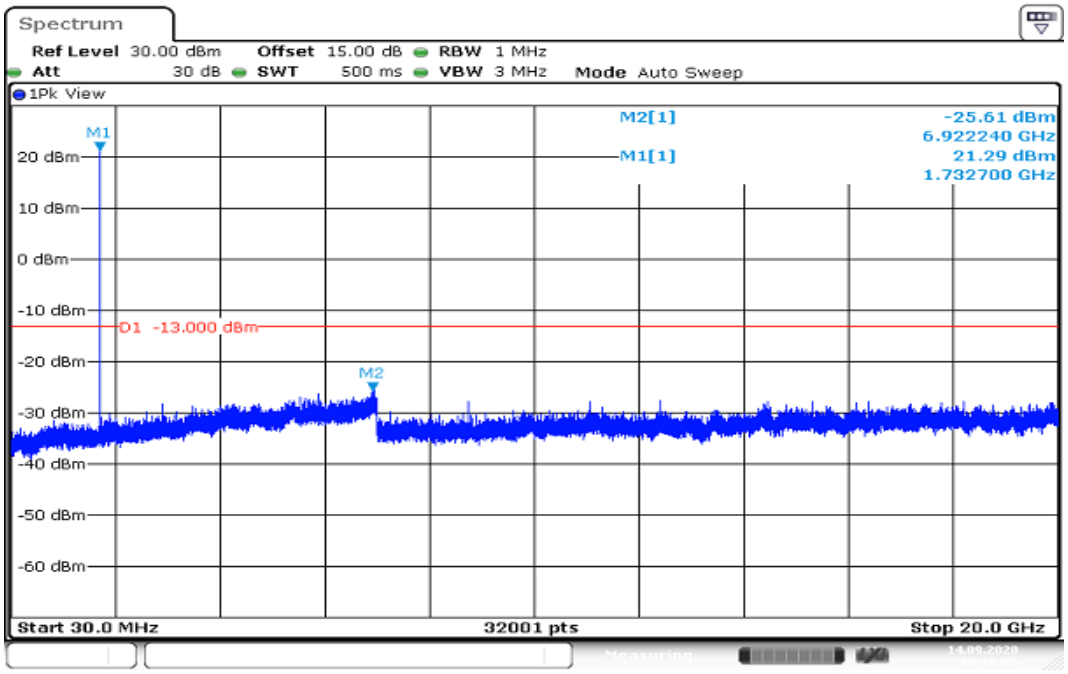
CHANNEL BANDWIDTH: 1.4MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 18:05:44

CH Mid



Date: 14.SEP.2020 16:26:35

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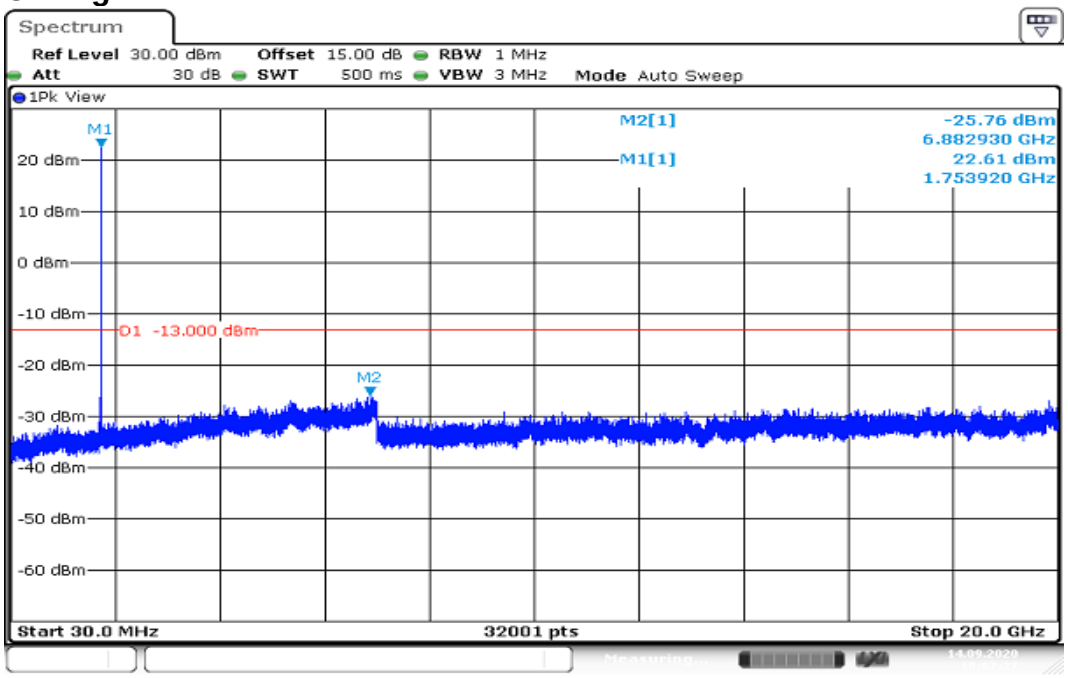
CH High



Date: 14.SEP.2020 18:07:27

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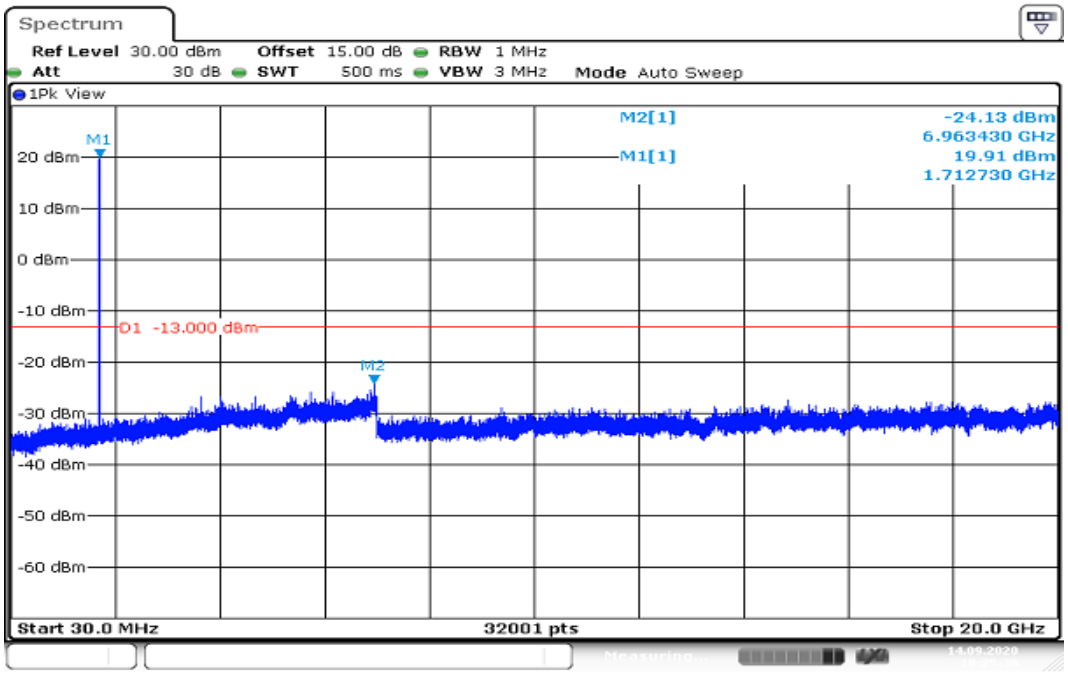
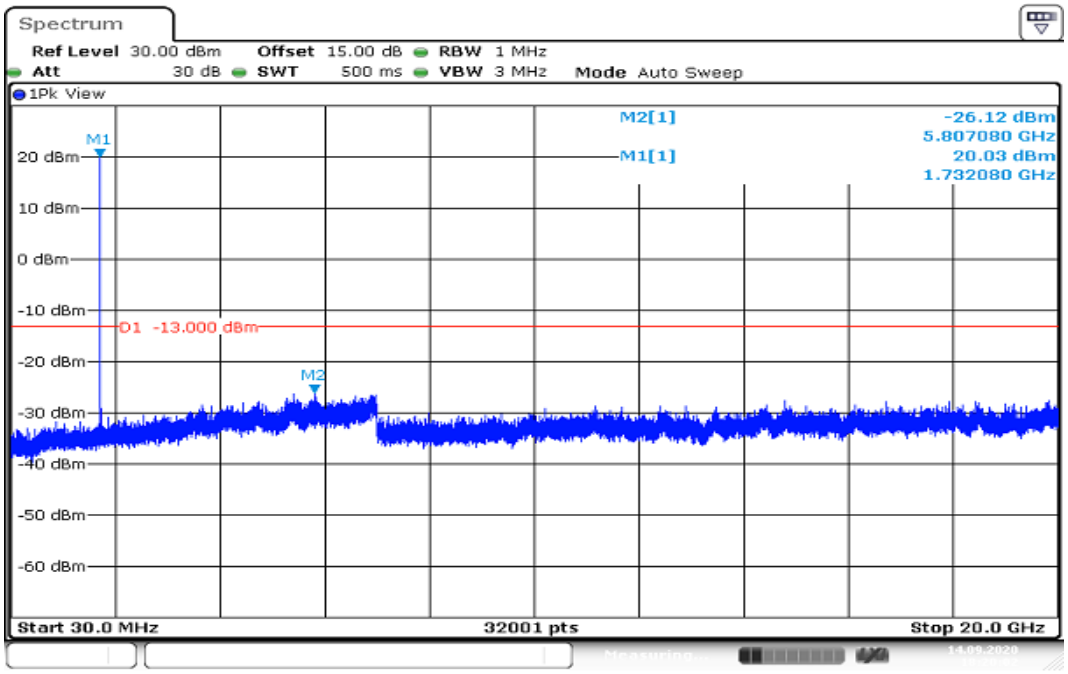
CHANNEL BANDWIDTH: 3MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 18:25:30

CH Mid



Date: 14.SEP.2020 18:20:02

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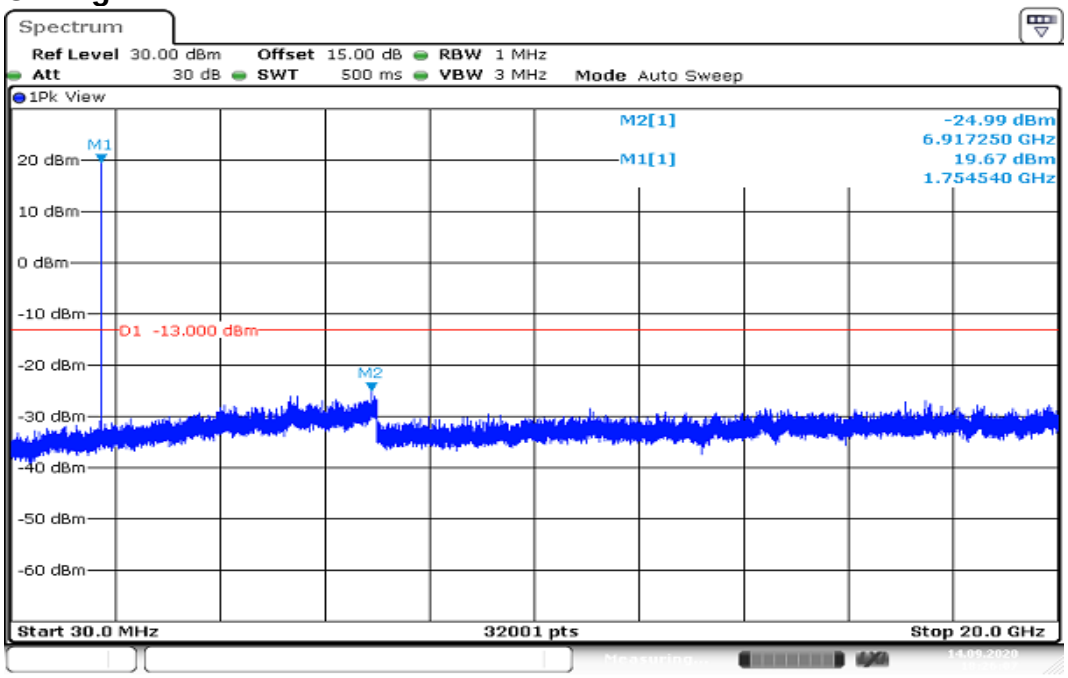
CH High



Date: 14.SEP.2020 18:26:07

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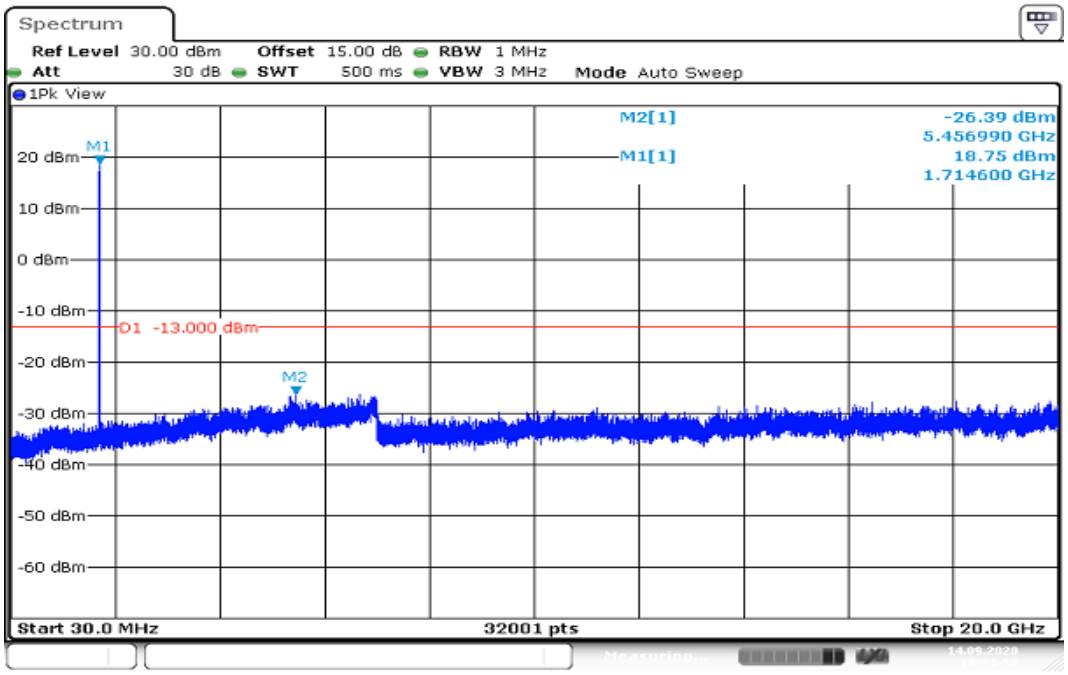
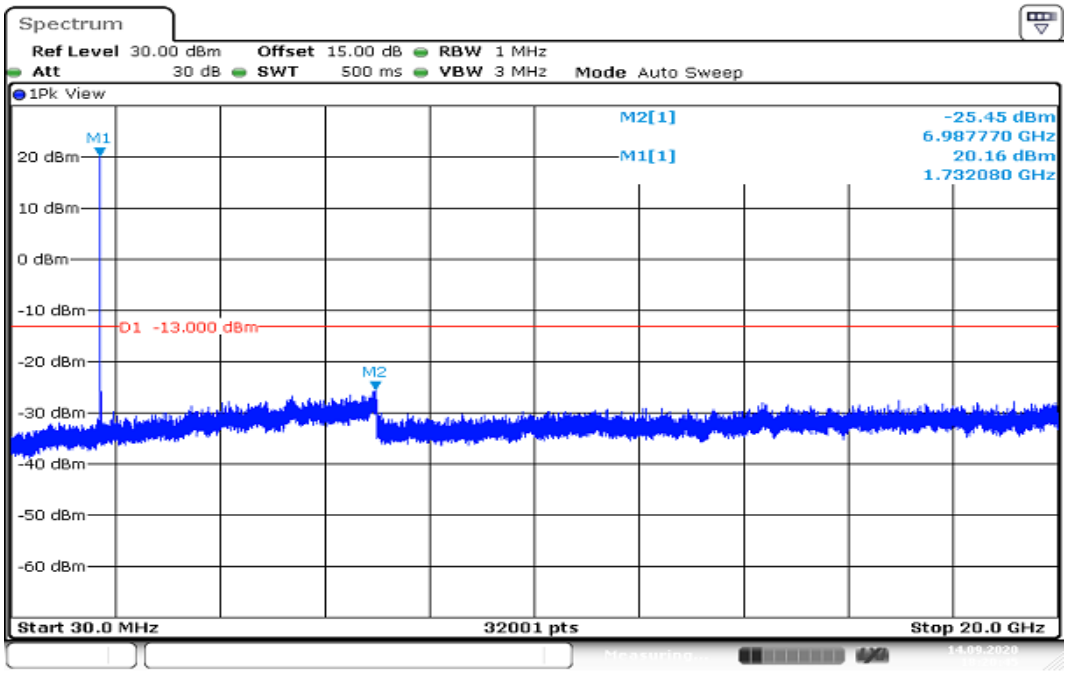
CHANNEL BANDWIDTH:5MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 18:31:58

CH Mid



Date: 14.SEP.2020 18:20:45

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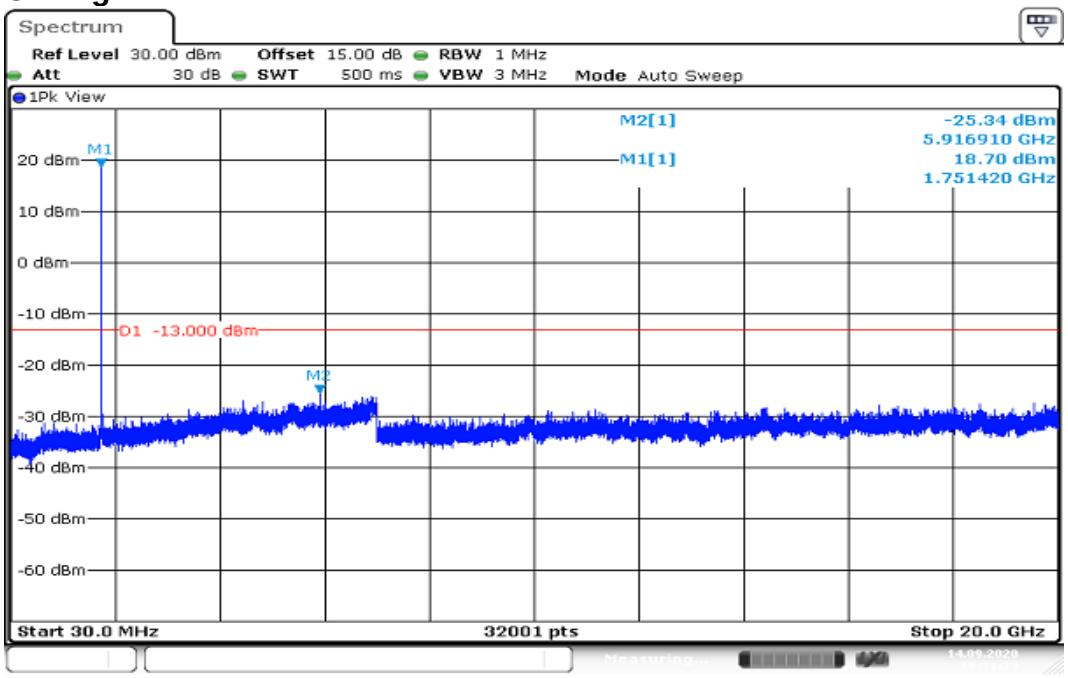
CH High



Date: 14.SEP.2020 18:31:24

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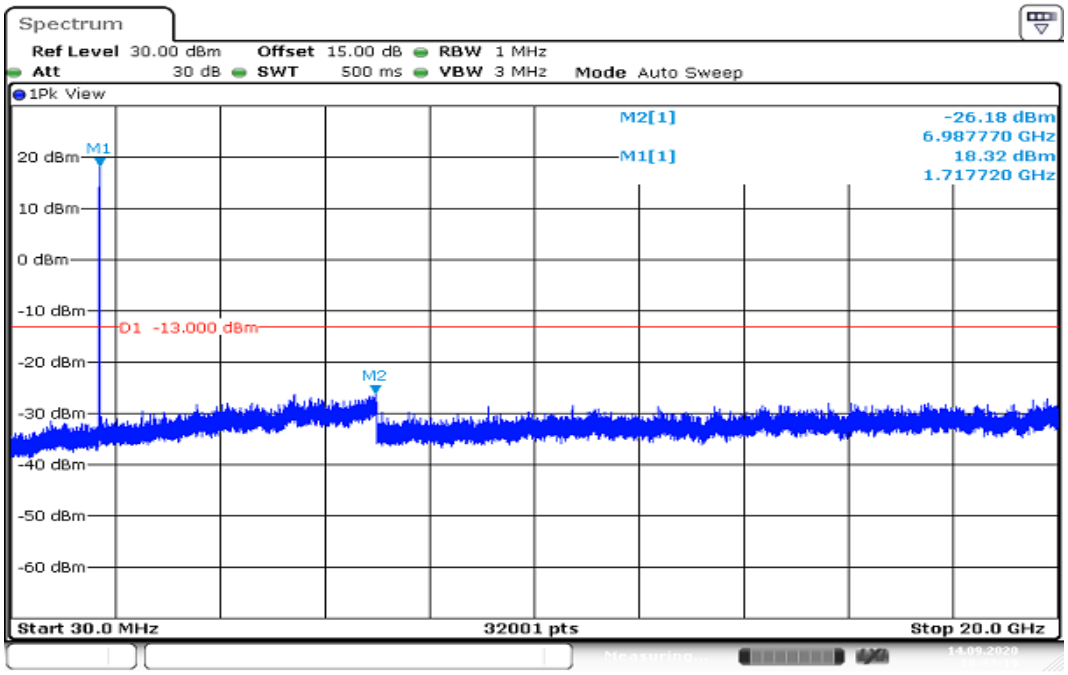
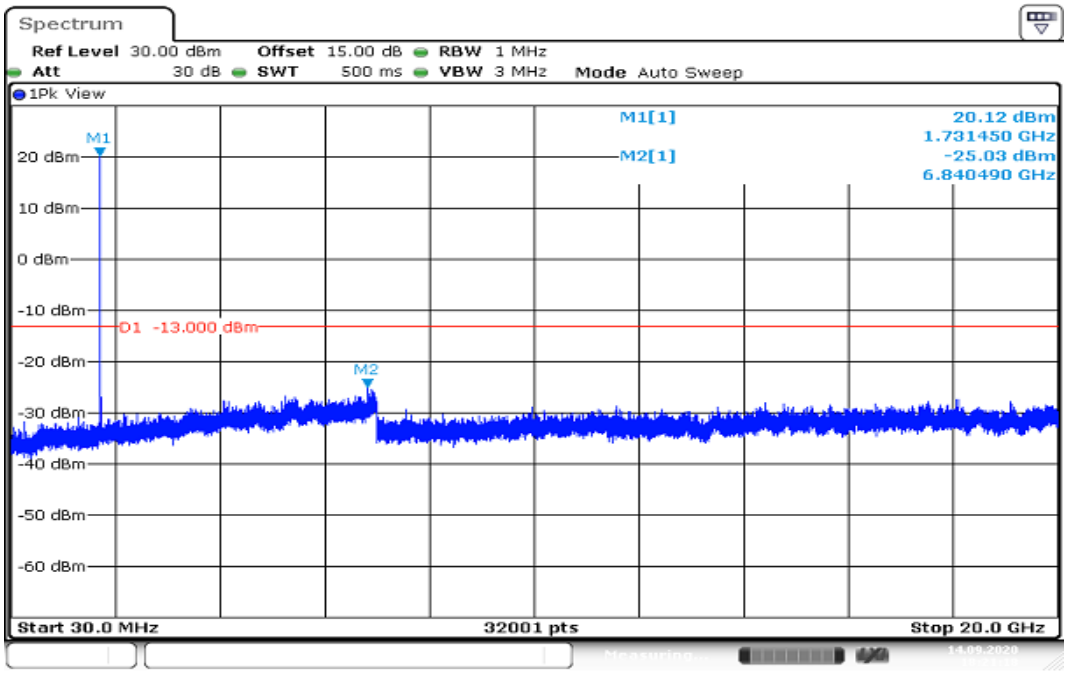
CHANNEL BANDWIDTH:10MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 18:33:19

CH Mid



Date: 14.SEP.2020 18:21:18

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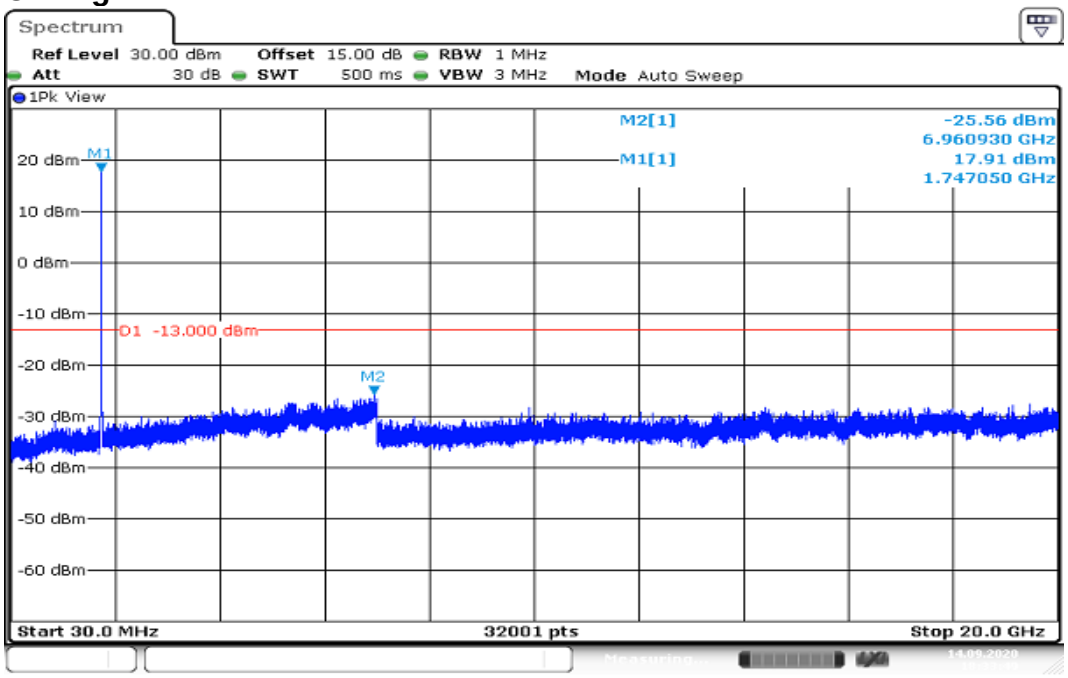
CH High



Date: 14.SEP.2020 18:33:49

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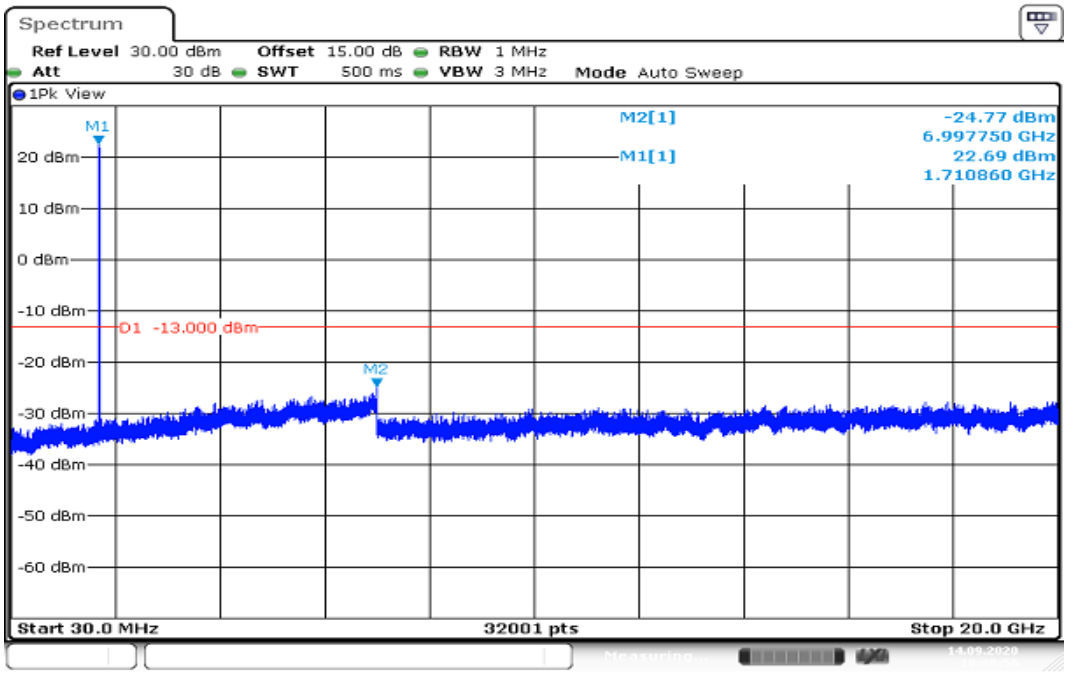
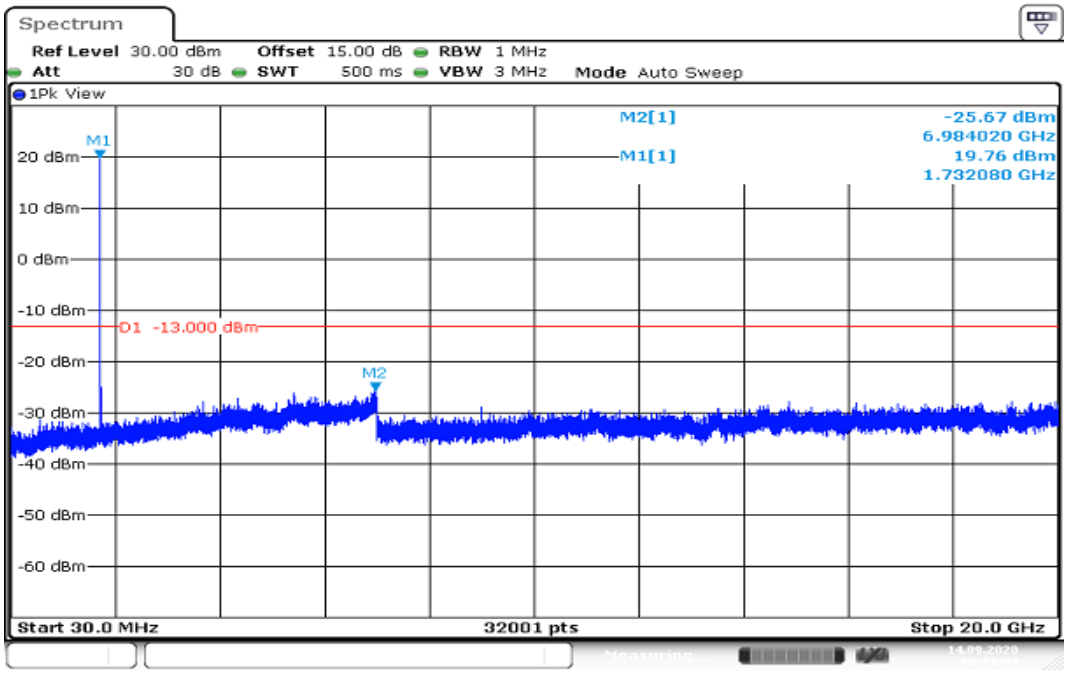
CHANNEL BANDWIDTH:15MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 18:38:56

CH Mid



Date: 14.SEP.2020 18:21:44

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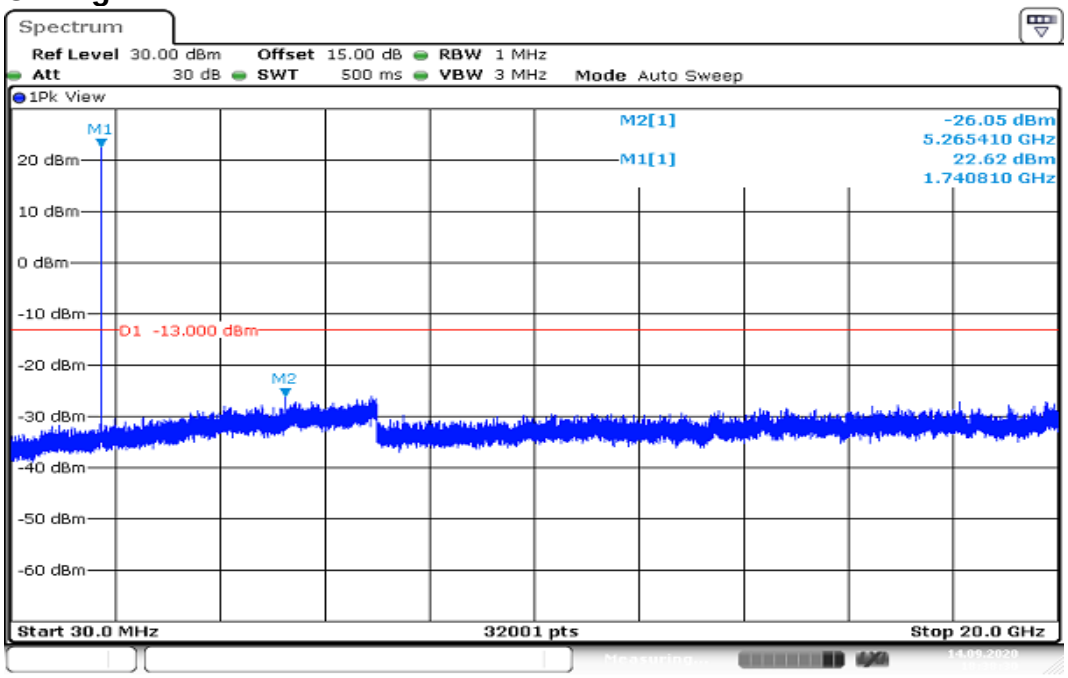
CH High



Date: 14.SEP.2020 18:38:30

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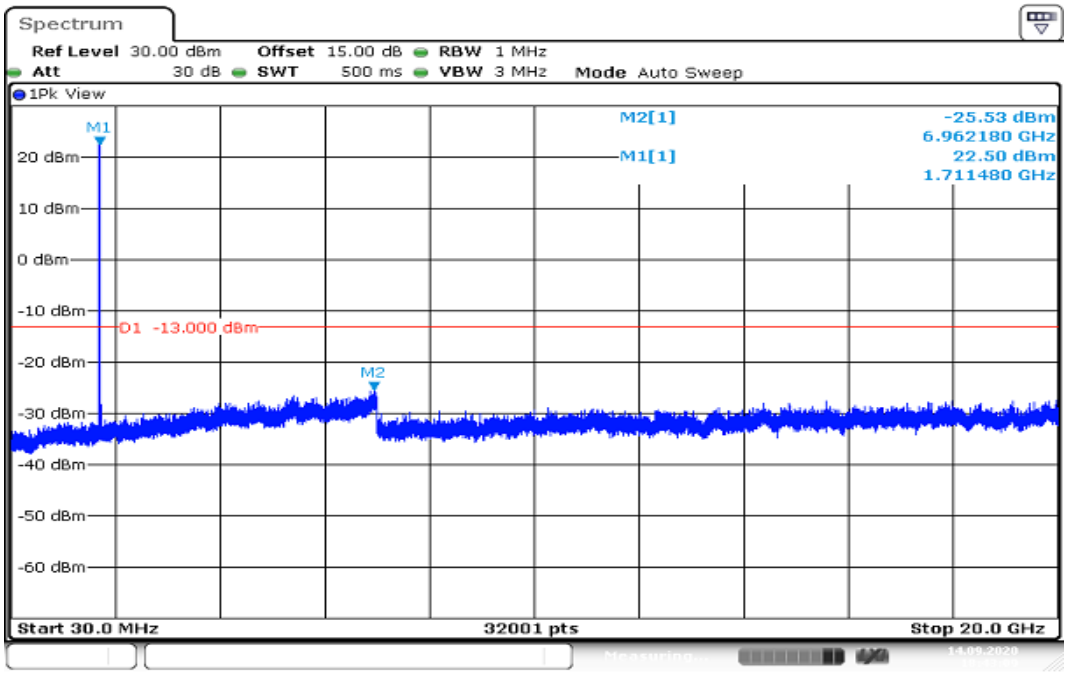
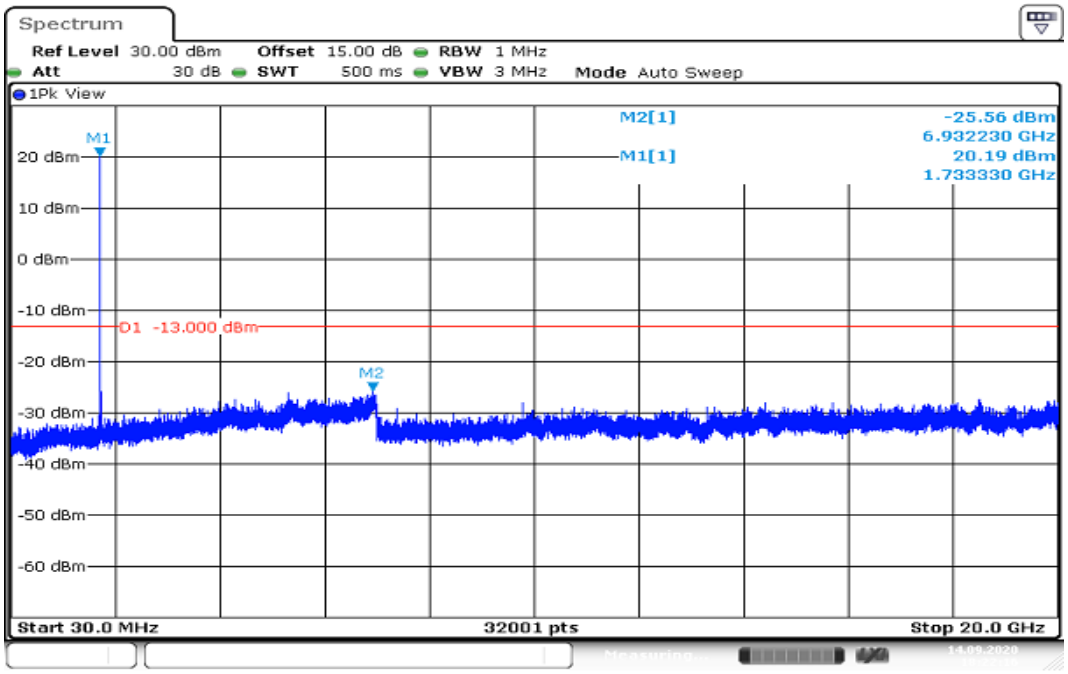
CHANNEL BANDWIDTH:20MHz / 16QAM / 1RB

CH Low



Date: 14.SEP.2020 18:43:09

CH Mid



Date: 14.SEP.2020 18:22:16

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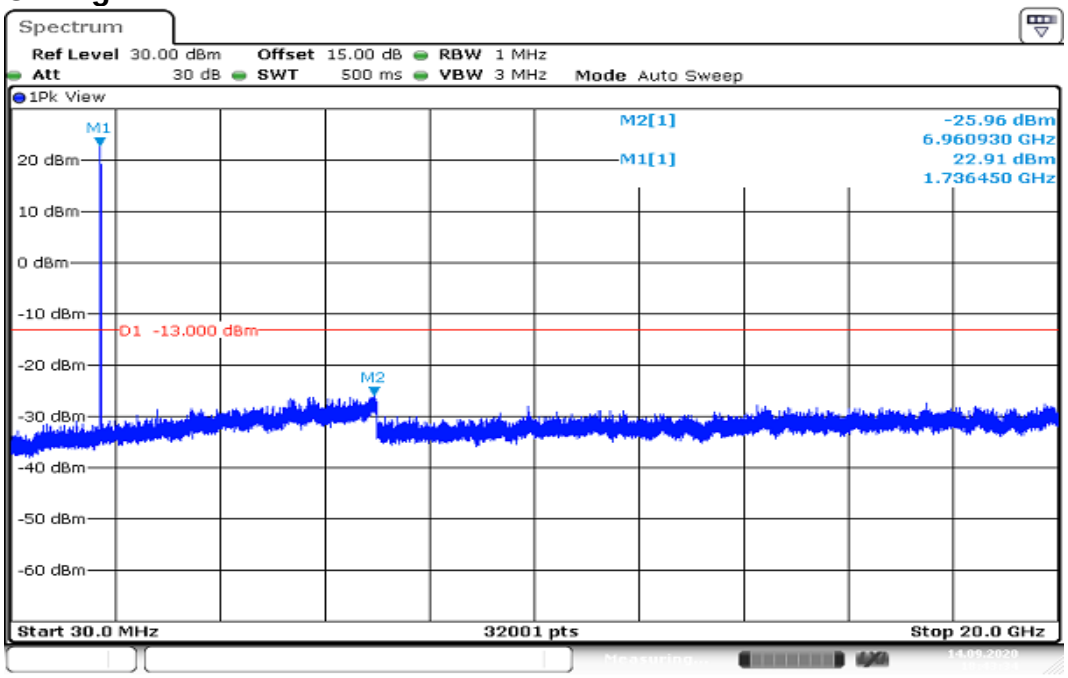
CH High



Date: 14.SEP.2020 18:43:34

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8.7 RADIATED EMISSION MEASUREMENT

LIMITS

FCC §27.53(h), Band 4

General protection levels. Except as otherwise specified below, for operations in the 1710-1755MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

27.53(c)(2), Band 13

For operations in the 600 MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Limit Line: -13dBm

p is the transmitter power measured in watts and **X** is 6 MHz or the equipment occupied bandwidth, whichever is greater.

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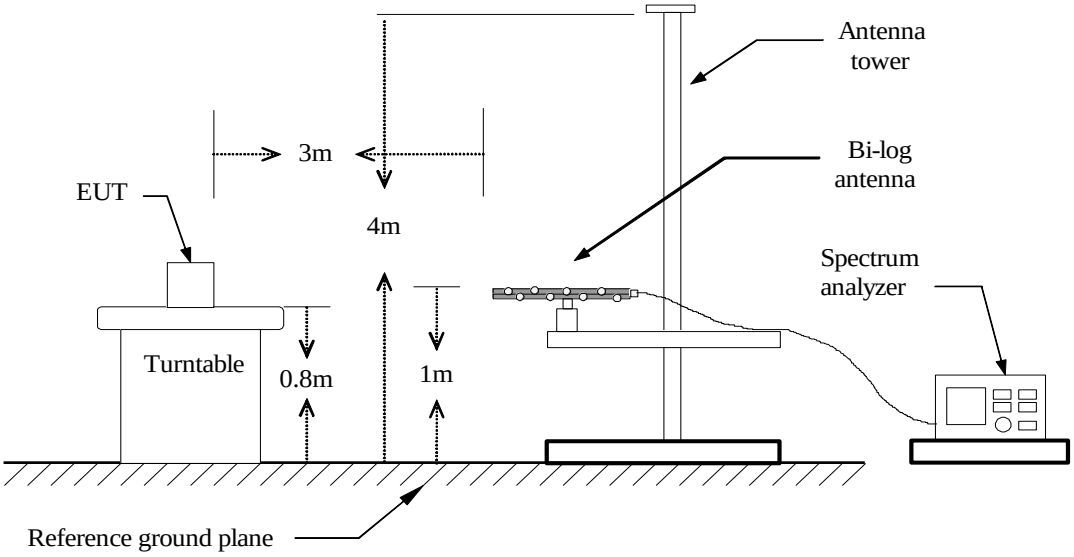
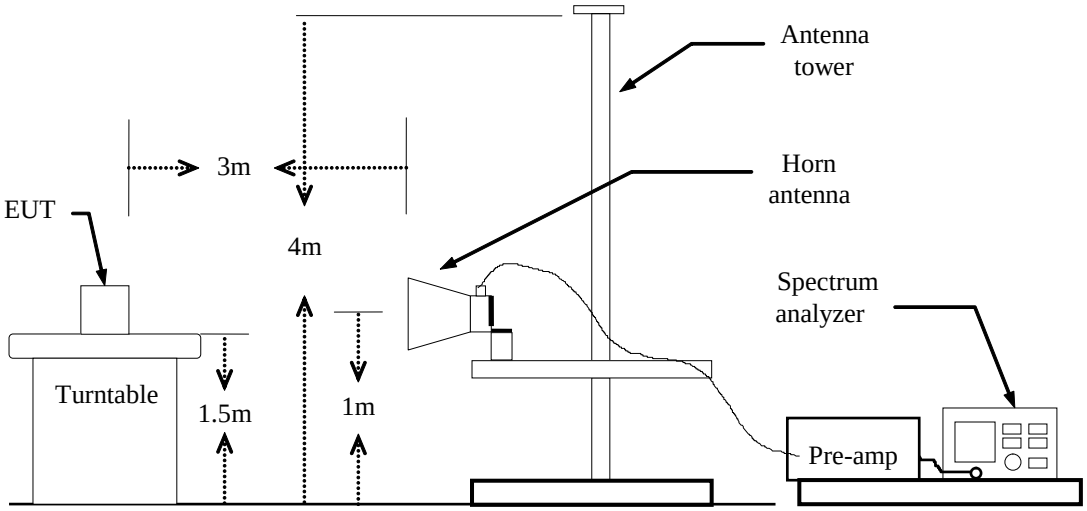
Test Configuration

Below 1 GHz



Above 1 GHz



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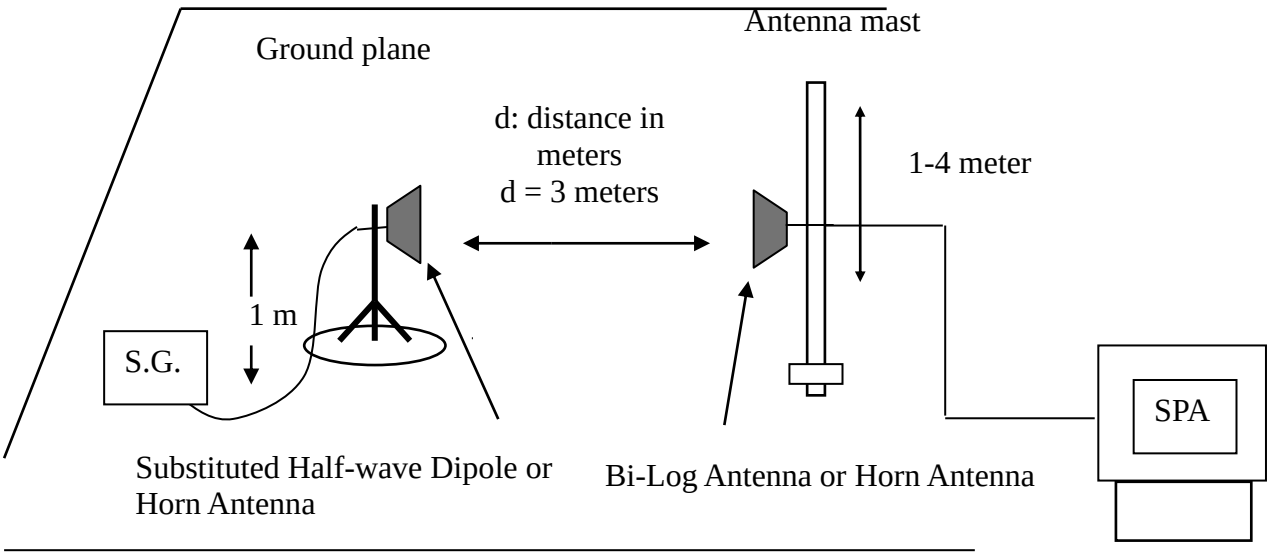
Substituted Method Test Set-up



TEST PROCEDURES

1. According to KDB 971168 D01 and TIA-603-E.
2. The EUT was placed on a turntable
   (1) Below 1G : 0.8m
   (2) Above 1G : 1.5m
   (3) EUT set 3m from the receiving antenna
   (4) The table was rotated 360 degrees of the highest spurious emission to determine the position.
3. Set the spectrum analyzer , RBW=1MHz, VBW=3MHz.
4. A horn antenna was driven by a signal generator.
5. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.

Remark: Performed the worst bandwidth for the testing; the max. BW was the worst case.

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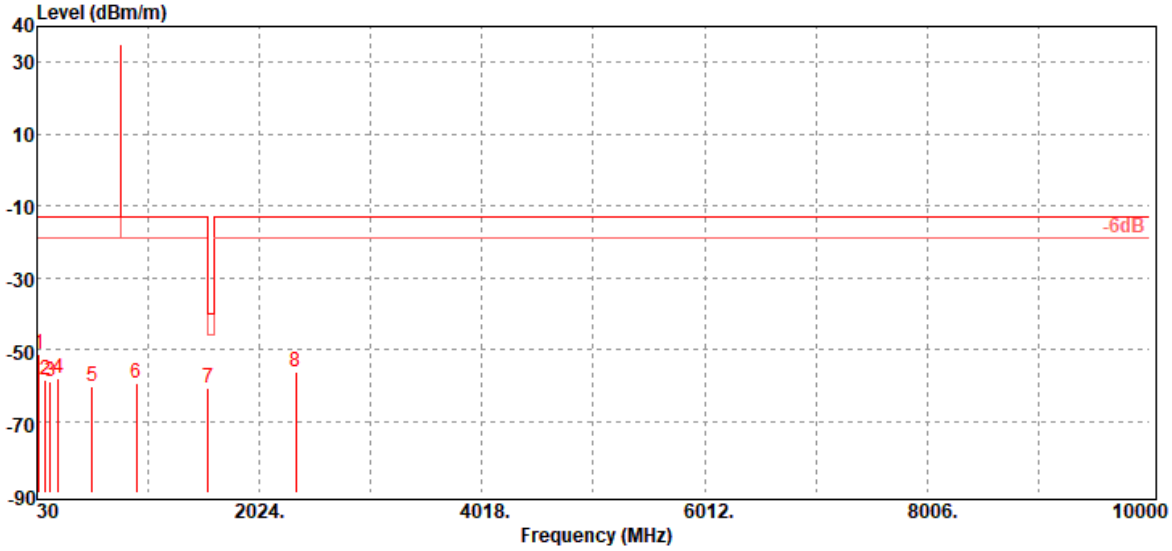
Test Results

LTE Band 13 / BW: 10MHz / QPSK / RB =1, RB Offset = 0

Operation Mode:	Tx / Low CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Ver.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
47.46	-51.29	-37.20	-13.53	-0.56	-13.00	-38.29	V
106.63	-58.65	-48.34	-9.46	-0.85	-13.00	-45.65	V
149.31	-58.79	-50.62	-7.17	-1.00	-13.00	-45.79	V
219.15	-57.95	-54.71	-2.02	-1.22	-13.00	-44.95	V
527.61	-60.16	-56.94	-1.30	-1.92	-13.00	-47.16	V
924.34	-59.41	-55.53	-1.30	-2.58	-13.00	-46.41	V
1564.00	-60.57	-66.51	9.38	-3.44	-40.00	-20.57	V
2346.00	-56.10	-61.58	9.87	-4.39	-13.00	-43.10	V

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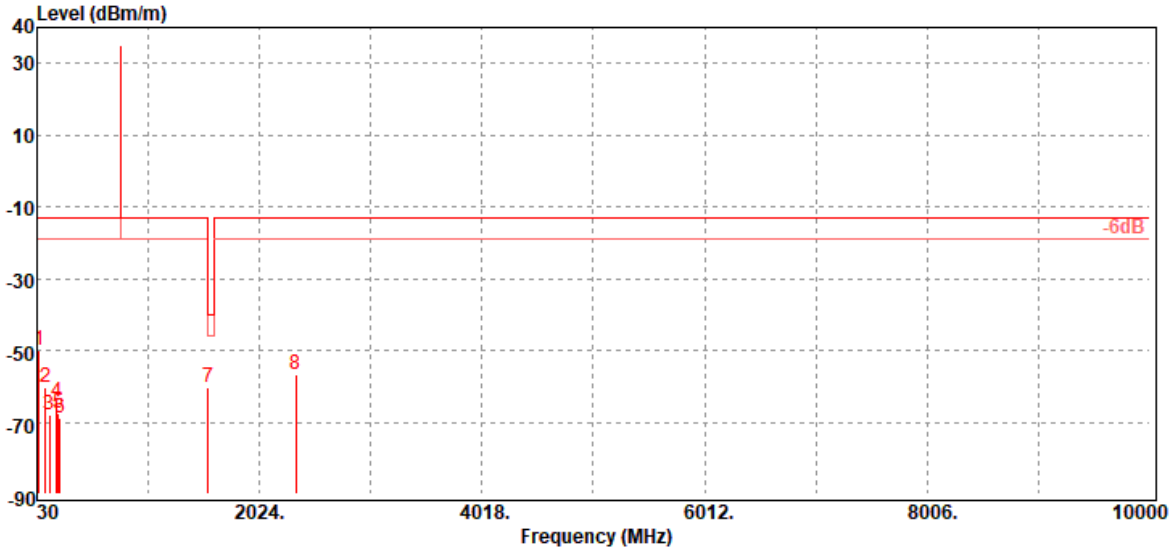
Operation Mode:	Tx / Low CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Hor.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
47.46	-50.12	-36.03	-13.53	-0.56	-13.00	-37.12	H
106.63	-60.42	-50.11	-9.46	-0.85	-13.00	-47.42	H
144.46	-67.95	-59.15	-7.81	-0.99	-13.00	-54.95	H
204.60	-64.26	-60.12	-2.96	-1.18	-13.00	-51.26	H
224.00	-67.44	-64.29	-1.92	-1.23	-13.00	-54.44	H
238.55	-69.00	-65.63	-2.10	-1.27	-13.00	-56.00	H
1564.00	-60.46	-66.40	9.38	-3.44	-40.00	-20.46	H
2346.00	-56.62	-62.10	9.87	-4.39	-13.00	-43.62	H

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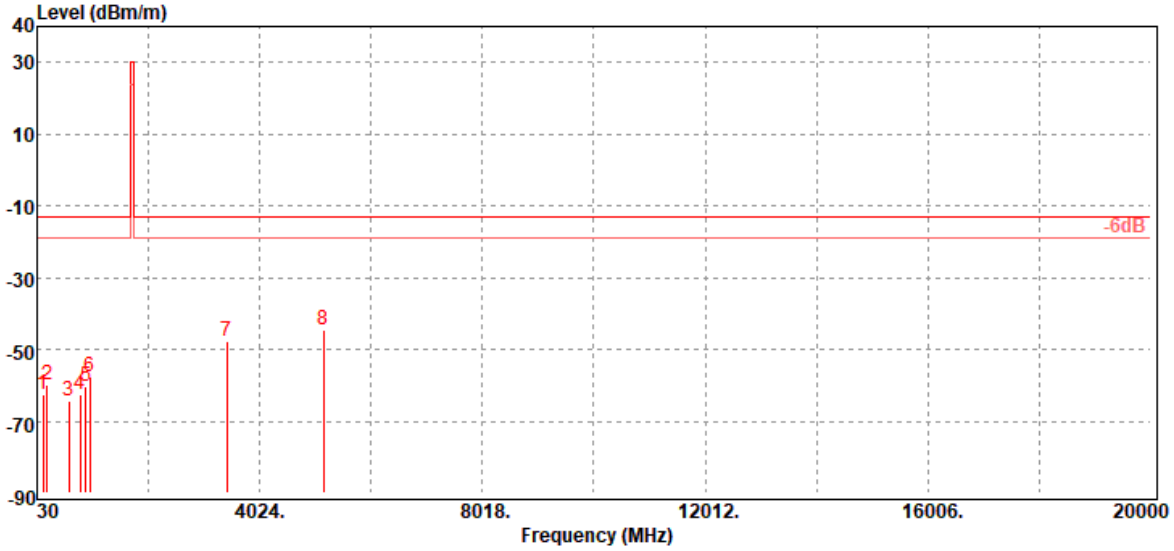
LTE Band 4 / BW: 20MHz / QPSK / RB =1, RB Offset = 0

Operation Mode:	Tx / Low CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Ver.



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB	Antenna Polarization (V/H)
143.49	-62.36	-53.38	-8.00	-0.98	-13.00	-49.36	V
203.63	-60.03	-55.51	-3.35	-1.17	-13.00	-47.03	V
595.51	-64.29	-61.42	-0.81	-2.06	-13.00	-51.29	V
800.18	-62.70	-59.03	-1.30	-2.37	-13.00	-49.70	V
910.76	-60.10	-56.16	-1.38	-2.56	-13.00	-47.10	V
979.63	-57.51	-53.55	-1.31	-2.65	-13.00	-44.51	V
3440.00	-47.50	-54.71	12.72	-5.51	-13.00	-34.50	V
5160.00	-44.63	-50.68	12.76	-6.71	-13.00	-31.63	V

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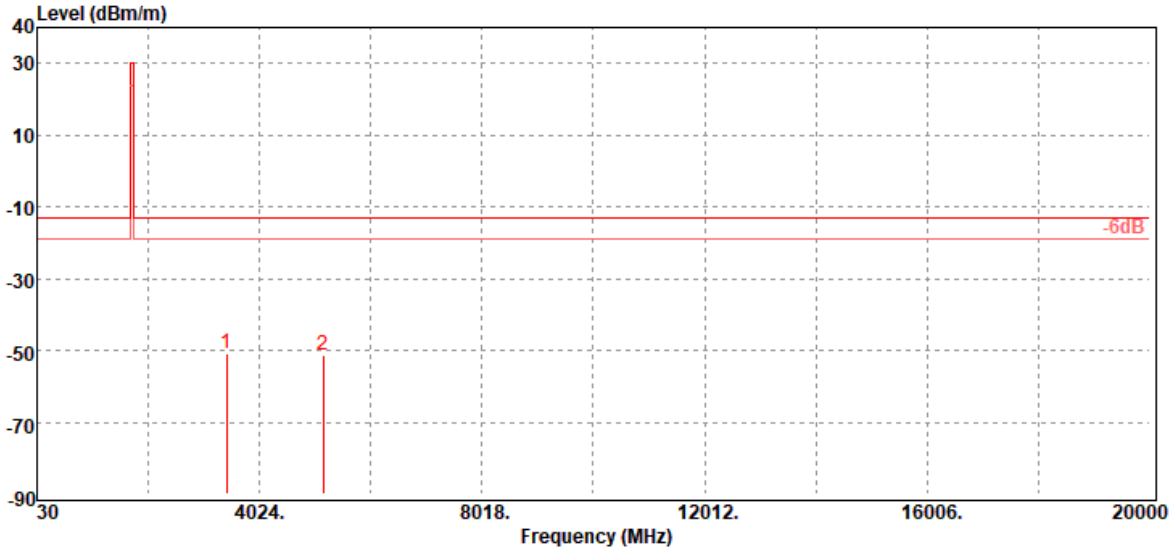
Operation Mode:	Tx / Low CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Hor.



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB	Antenna Polarization (V/H)
3440.00	-50.70	-57.91	12.72	-5.51	-13.00	-37.70	H
5160.00	-51.35	-57.40	12.76	-6.71	-13.00	-38.35	H
N/A							

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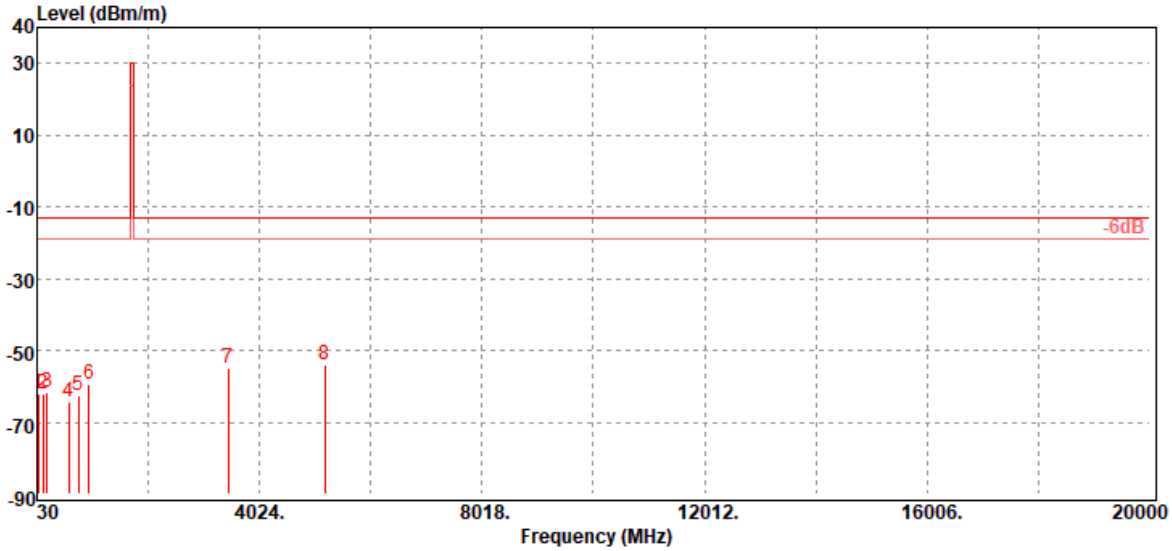
Operation Mode:	Tx / Mid CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Ver.



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB	Antenna Polarization (V/H)
46.49	-62.05	-47.14	-14.36	-0.55	-13.00	-49.05	V
145.43	-62.16	-53.56	-7.61	-0.99	-13.00	-49.16	V
203.63	-61.73	-57.21	-3.35	-1.17	-13.00	-48.73	V
600.36	-64.51	-61.53	-0.91	-2.07	-13.00	-51.51	V
773.99	-62.46	-58.72	-1.40	-2.34	-13.00	-49.46	V
955.38	-59.50	-55.67	-1.21	-2.62	-13.00	-46.50	V
3465.00	-55.03	-62.14	12.64	-5.53	-13.00	-42.03	V
5197.50	-54.21	-60.44	12.98	-6.75	-13.00	-41.21	V

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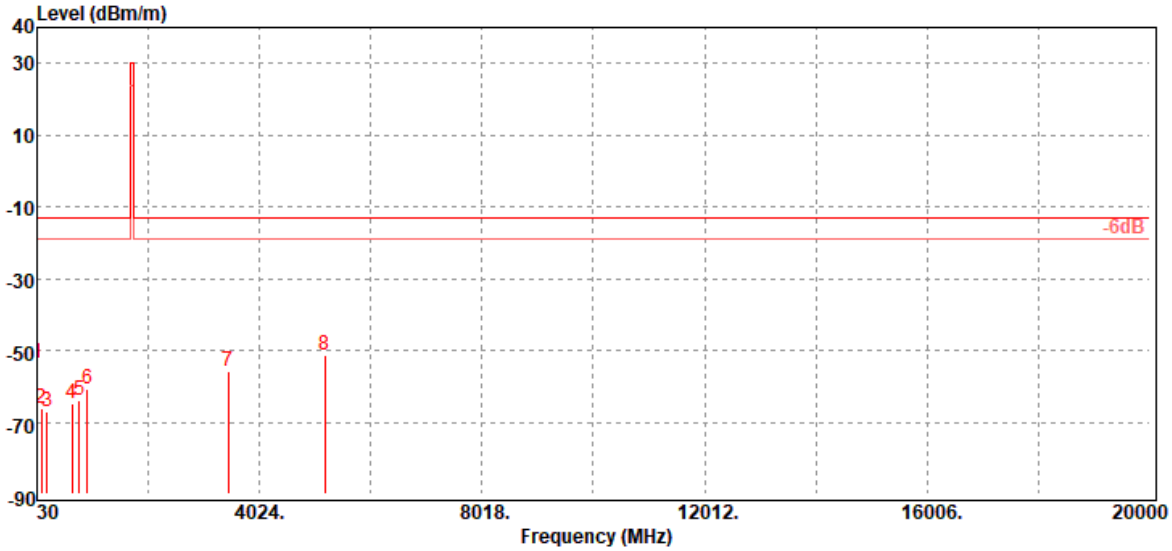
Operation Mode:	Tx / Mid CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Hor.



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB	Antenna Polarization (V/H)
30.97	-53.68	-24.09	-29.13	-0.46	-13.00	-40.68	H
106.63	-66.20	-55.89	-9.46	-0.85	-13.00	-53.20	H
204.60	-66.89	-62.75	-2.96	-1.18	-13.00	-53.89	H
661.47	-64.78	-61.18	-1.43	-2.17	-13.00	-51.78	H
790.48	-63.81	-60.17	-1.29	-2.35	-13.00	-50.81	H
934.04	-60.92	-57.03	-1.30	-2.59	-13.00	-47.92	H
3465.00	-55.98	-63.09	12.64	-5.53	-13.00	-42.98	H
5197.50	-51.33	-57.56	12.98	-6.75	-13.00	-38.33	H

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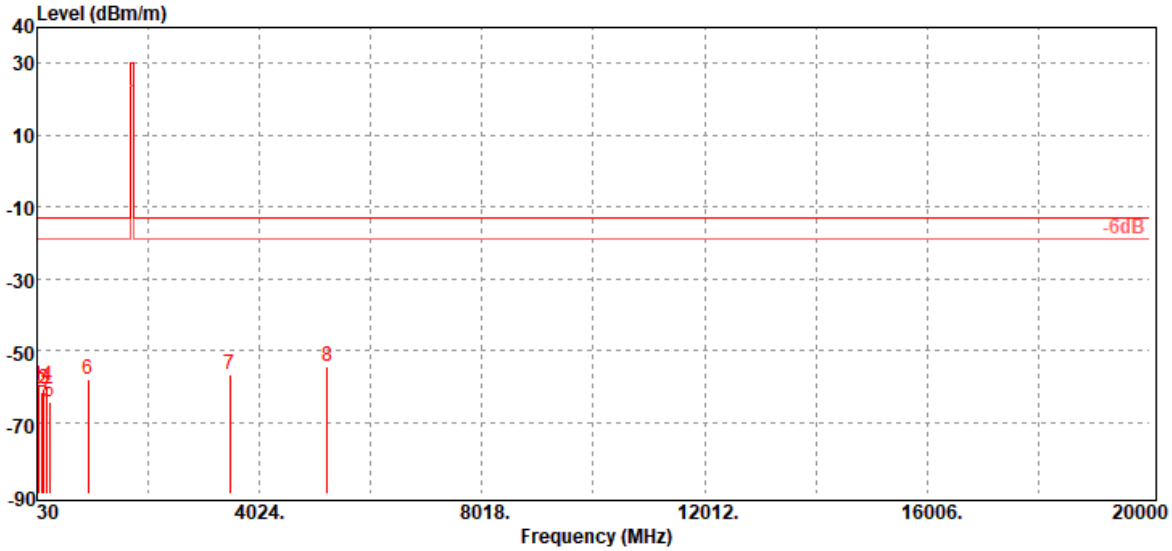
Operation Mode:	Tx / High CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Ver.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
48.43	-59.92	-46.52	-12.84	-0.56	-13.00	-46.92	V
106.63	-61.70	-51.39	-9.46	-0.85	-13.00	-48.70	V
150.28	-60.84	-52.73	-7.10	-1.01	-13.00	-47.84	V
203.63	-59.92	-55.40	-3.35	-1.17	-13.00	-46.92	V
250.19	-64.23	-61.14	-1.79	-1.30	-13.00	-51.23	V
951.50	-57.84	-54.02	-1.20	-2.62	-13.00	-44.84	V
3490.00	-56.90	-63.89	12.54	-5.55	-13.00	-43.90	V
5235.00	-54.61	-60.96	13.14	-6.79	-13.00	-41.61	V

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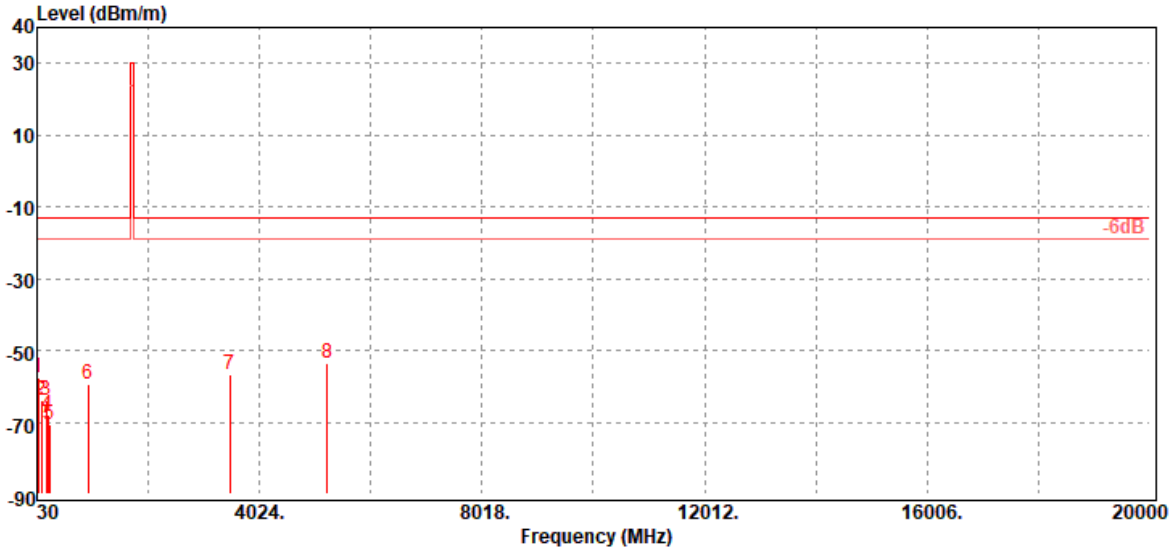
Operation Mode:	Tx / High CH	**Test Date:**	September 14, 2020
Temperature:	25.0℃	**Tested by:**	Jerry Chang
Humidity:	42% RH	**Polarity:**	Hor.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
46.49	-57.48	-42.57	-14.36	-0.55	-13.00	-44.48	H
105.66	-63.90	-53.69	-9.37	-0.84	-13.00	-50.90	H
202.66	-63.96	-59.05	-3.74	-1.17	-13.00	-50.96	H
223.03	-67.79	-64.62	-1.94	-1.23	-13.00	-54.79	H
252.13	-70.47	-67.45	-1.71	-1.31	-13.00	-57.47	H
951.50	-59.25	-55.43	-1.20	-2.62	-13.00	-46.25	H
3490.00	-56.76	-63.75	12.54	-5.55	-13.00	-43.76	H
5235.00	-53.74	-60.09	13.14	-6.79	-13.00	-40.74	H

- End of Test Report -

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