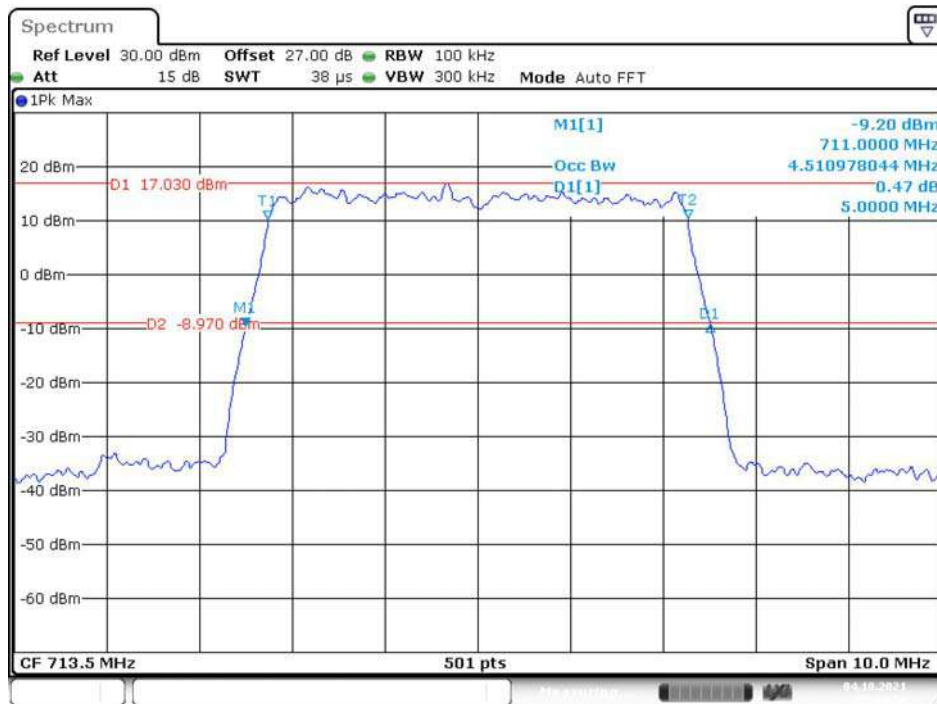
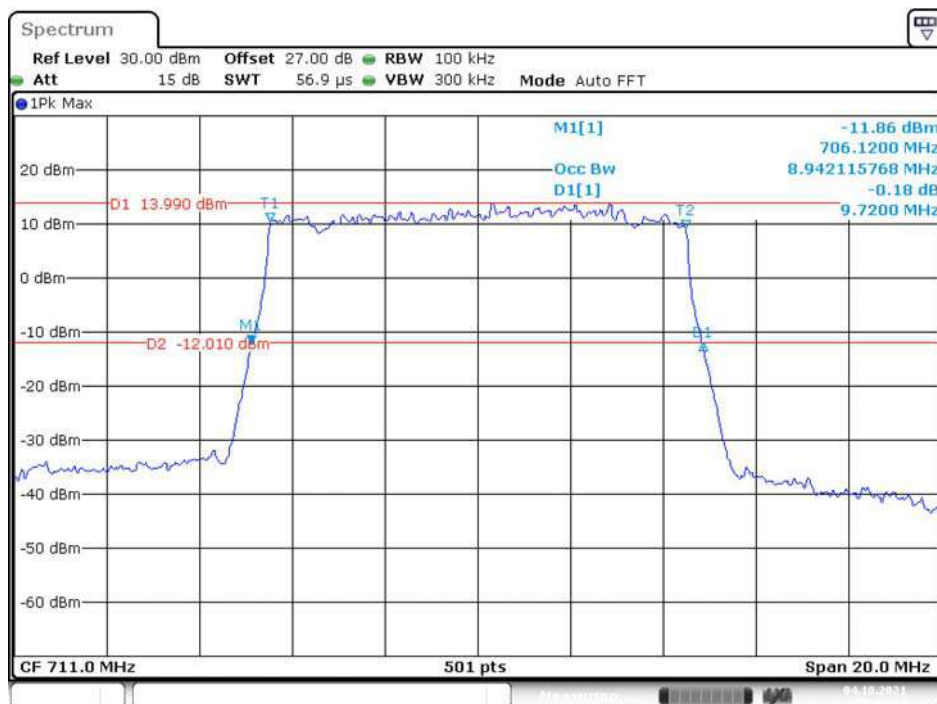
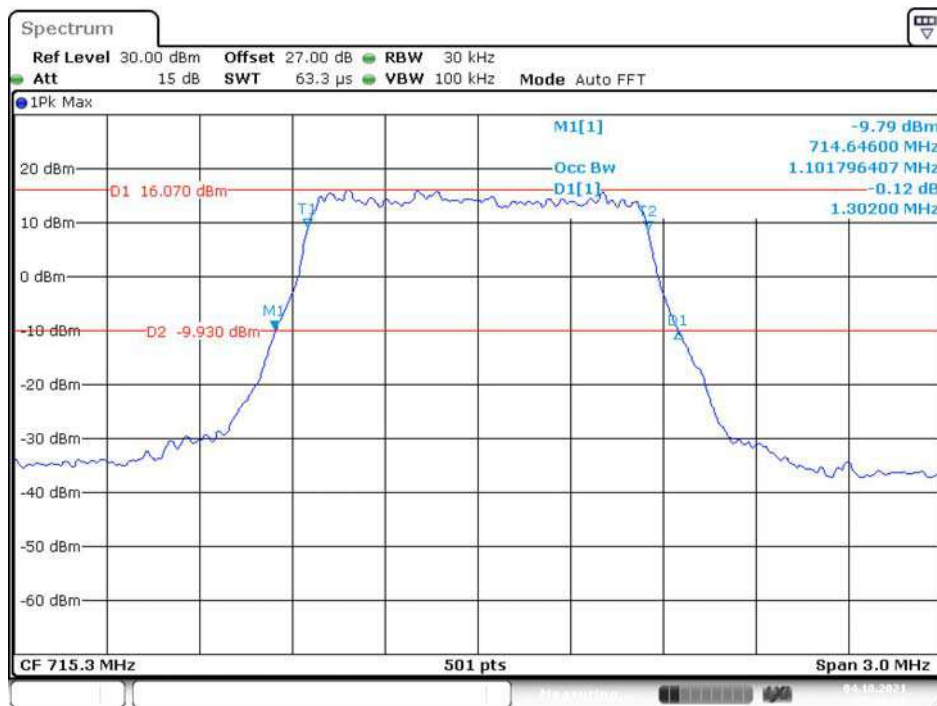


QPSK (5.0MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

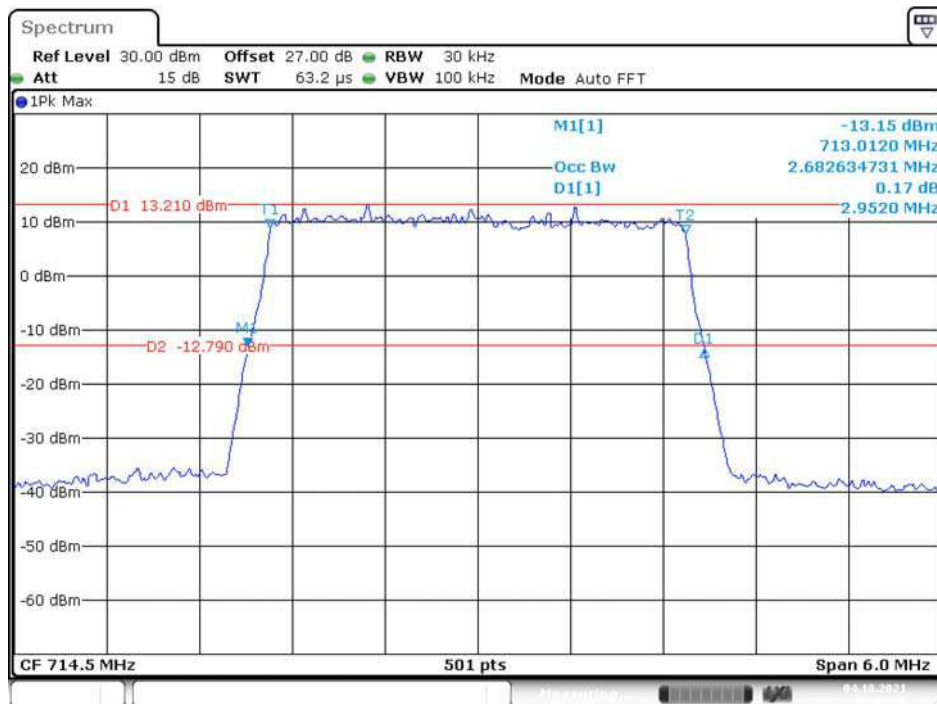
Date: 4.OCT.2021 09:44:11

QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

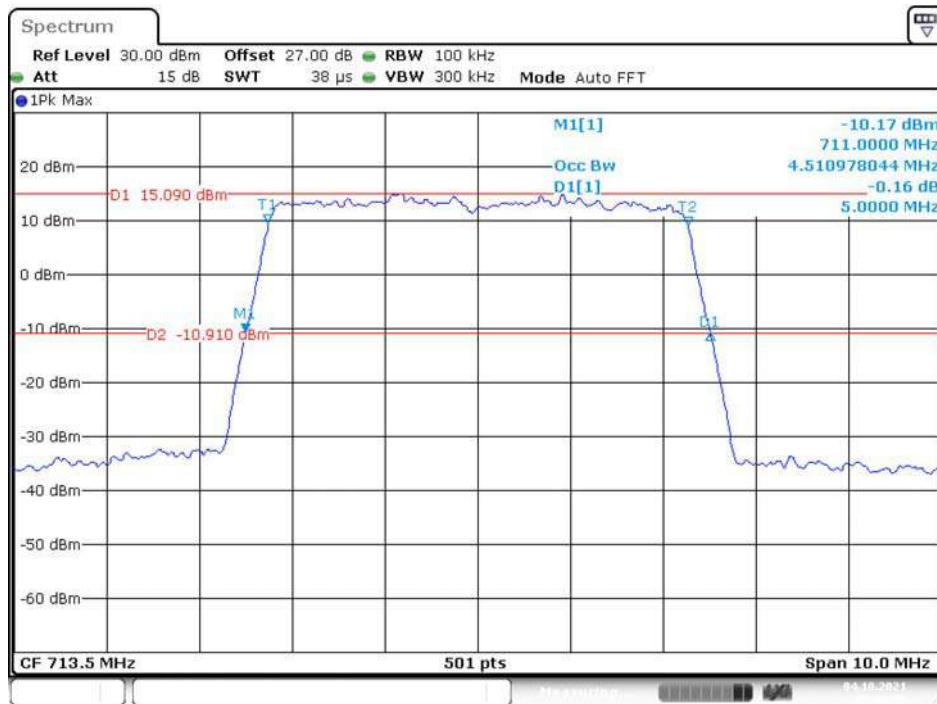
Date: 4.OCT.2021 09:47:03

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

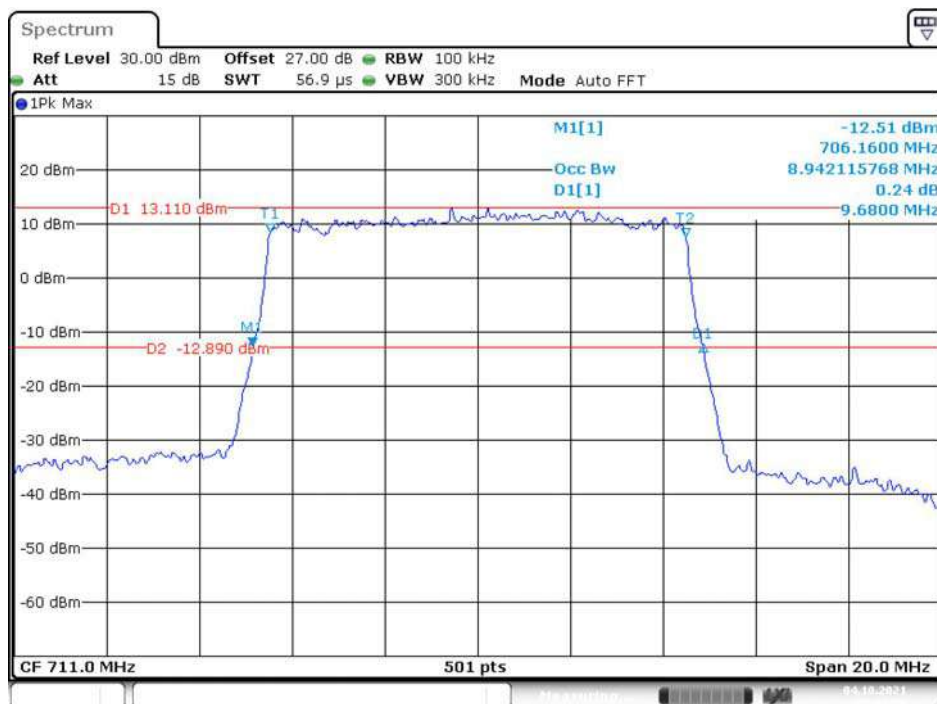
Date: 4.OCT.2021 09:40:10

16-QAM (3.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

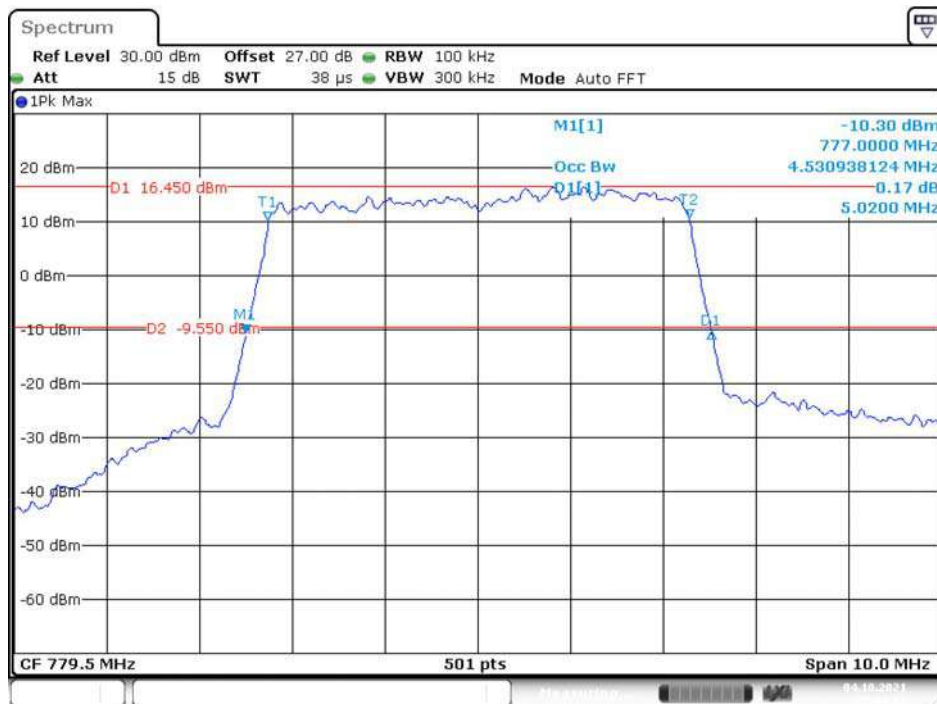
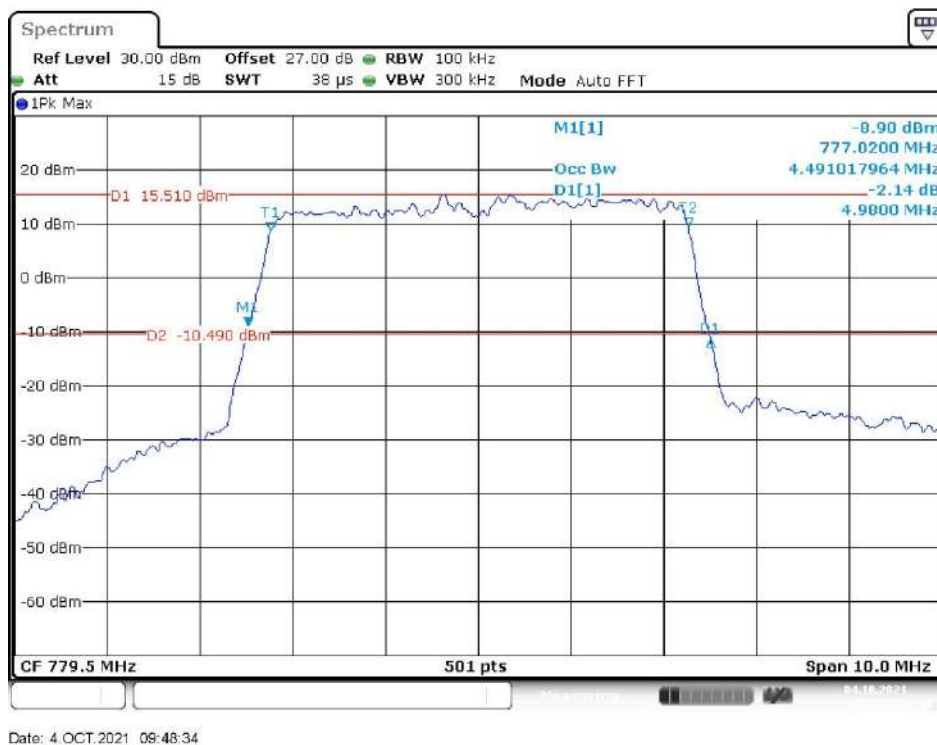
Date: 4.OCT.2021 09:41:59

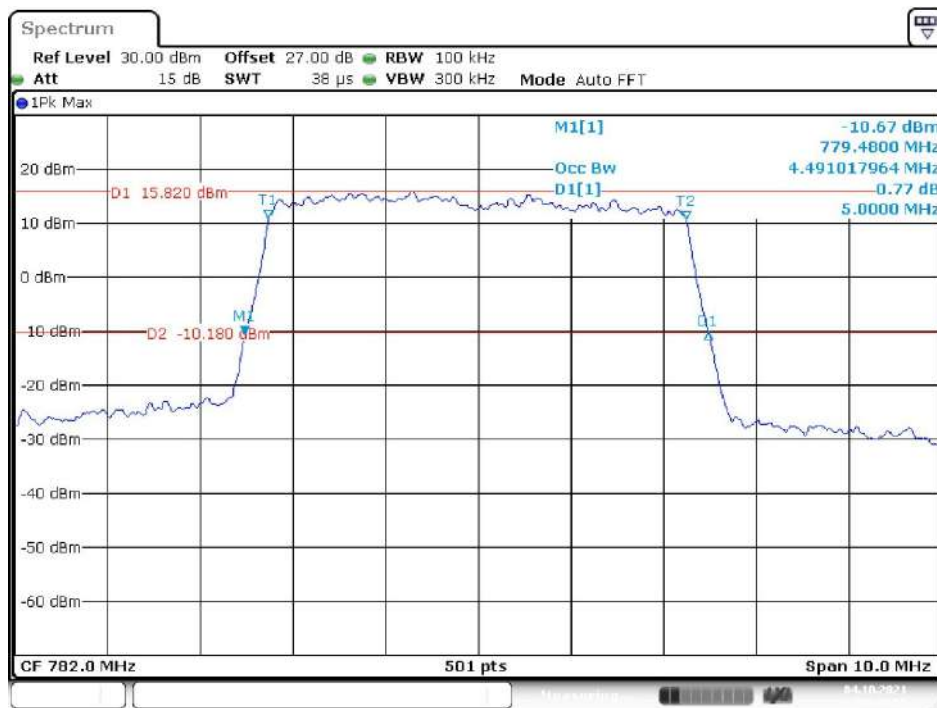
16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 09:44:35

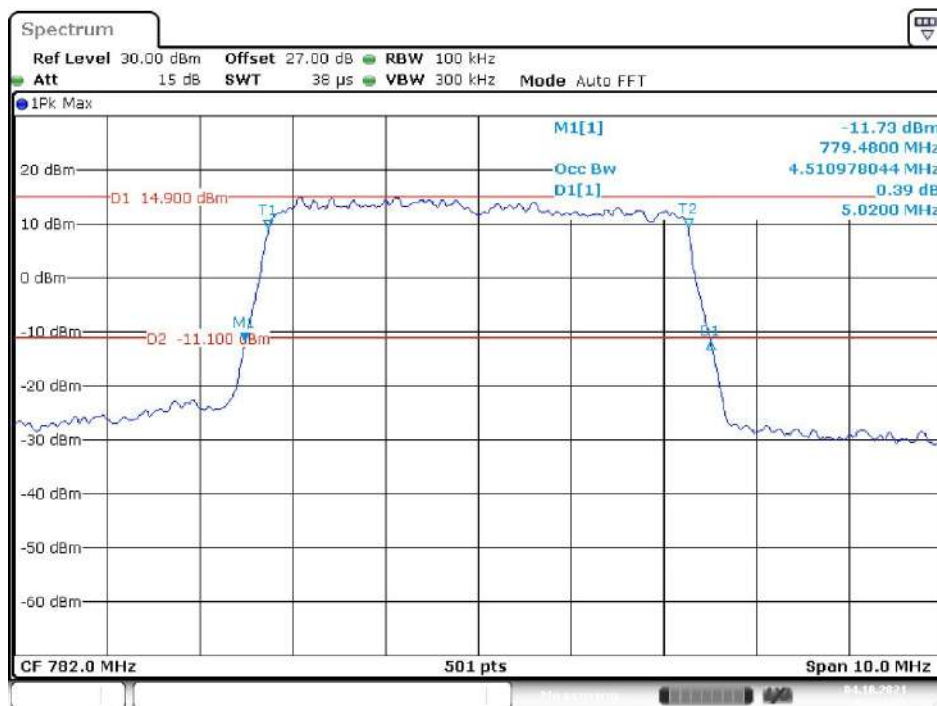
16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 09:47:37

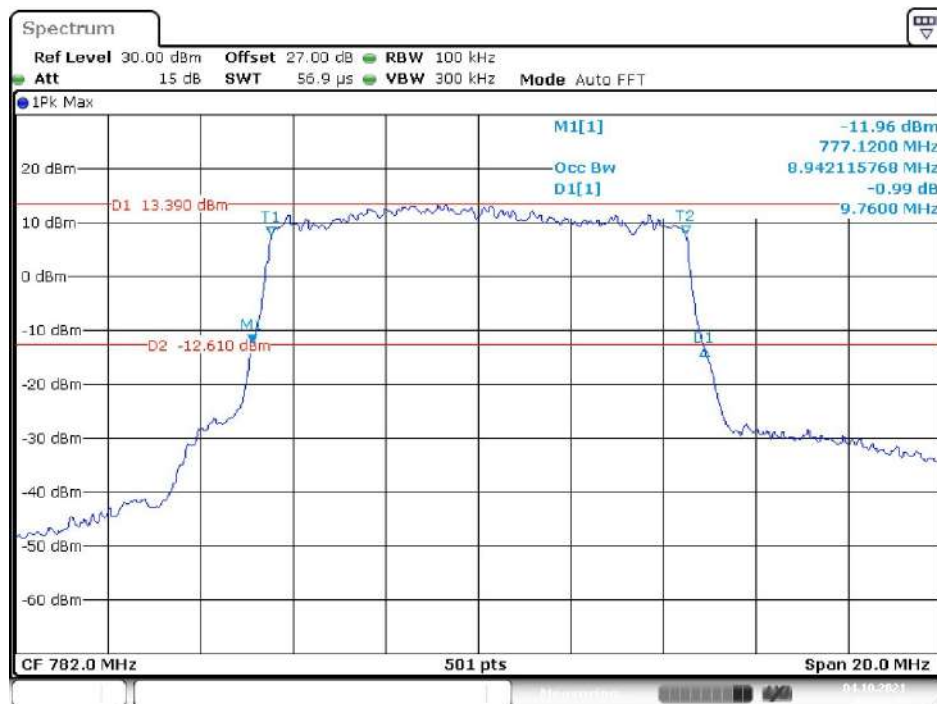
LTE Band 13**QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel****16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

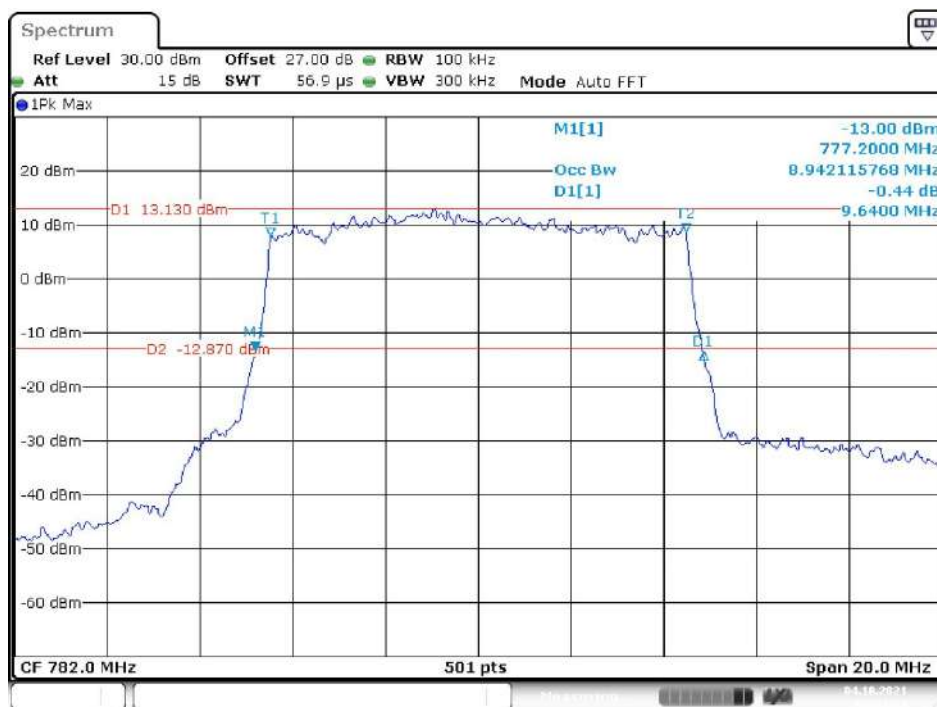
Date: 4 OCT.2021 09:48:58

16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

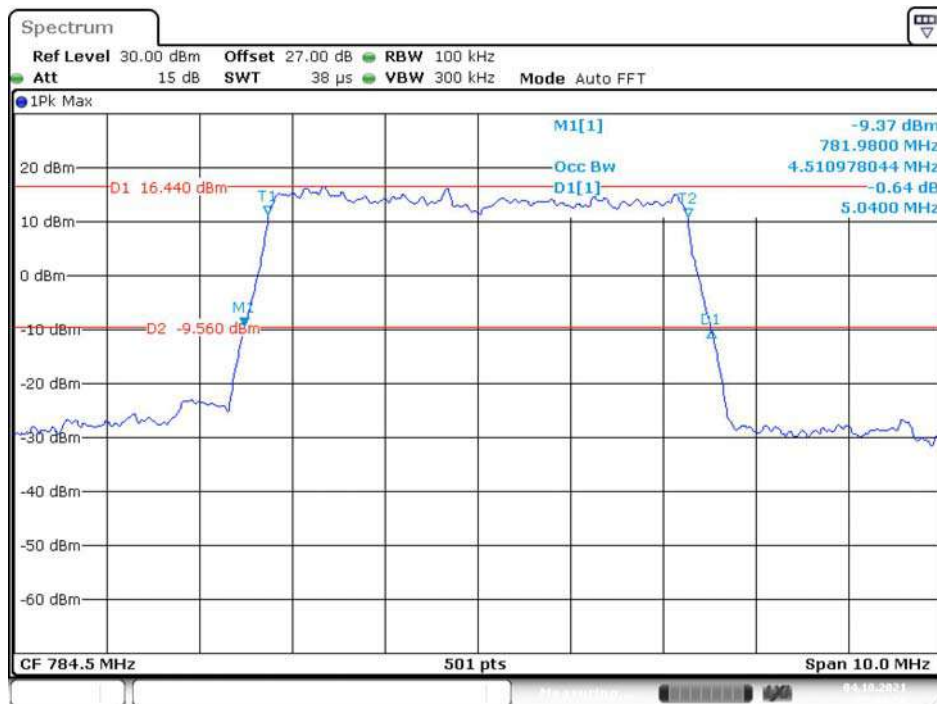
Date: 4 OCT.2021 09:49:25

QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

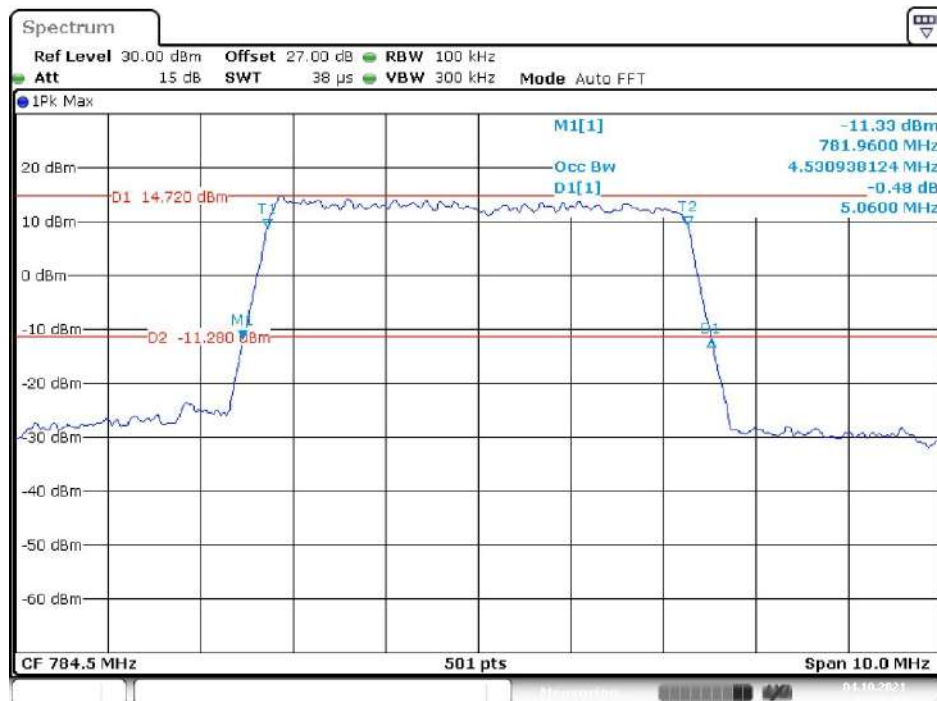
Date: 4 OCT.2021 09:50:47

16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

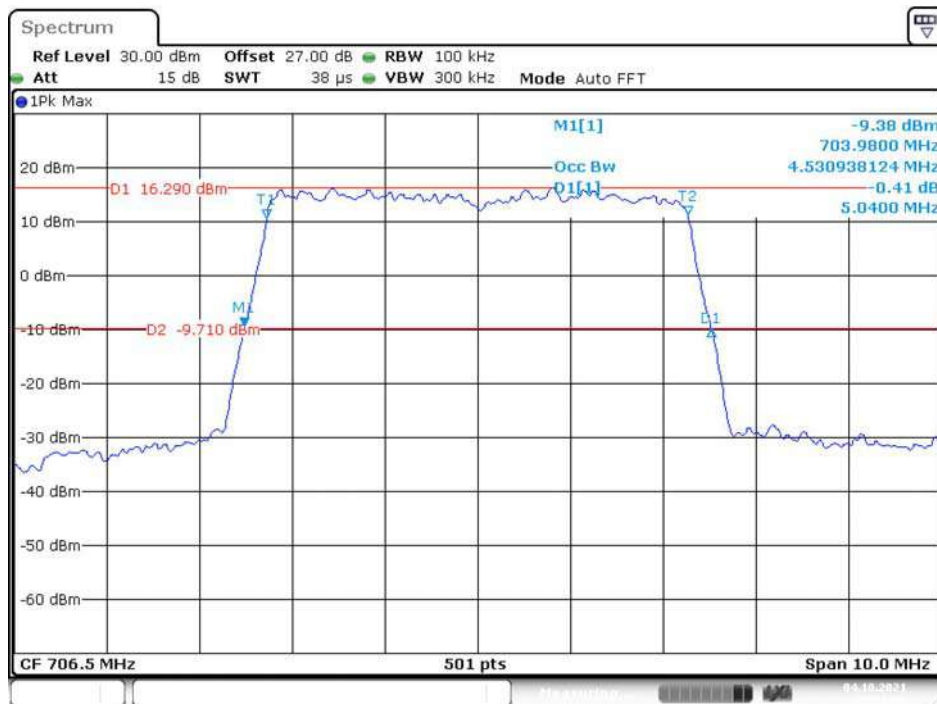
Date: 4 OCT.2021 09:51:11

QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

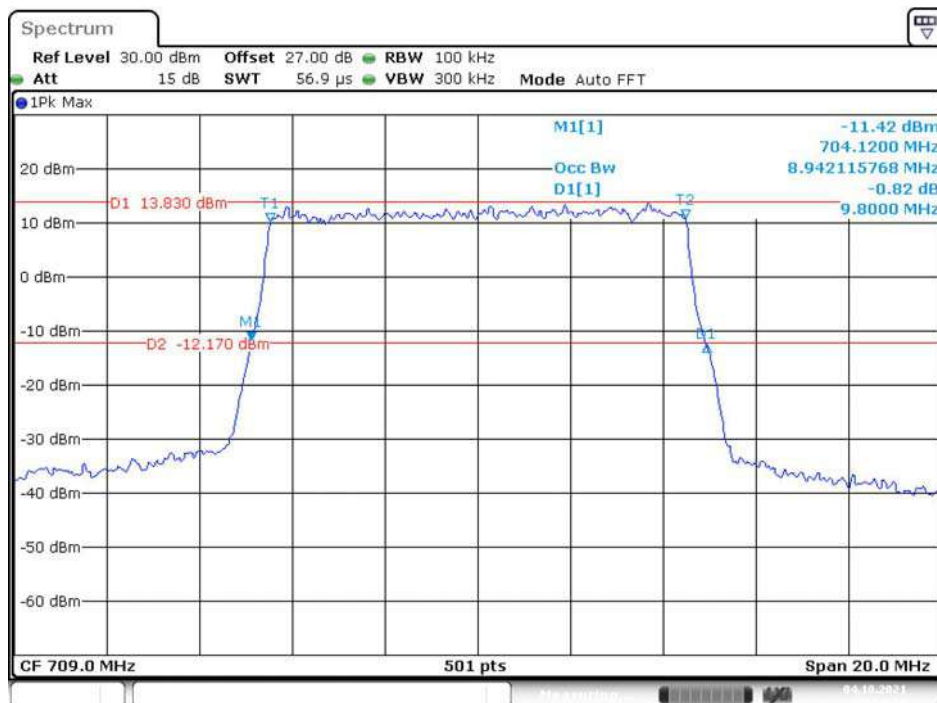
Date: 4.OCT.2021 09:49:52

16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

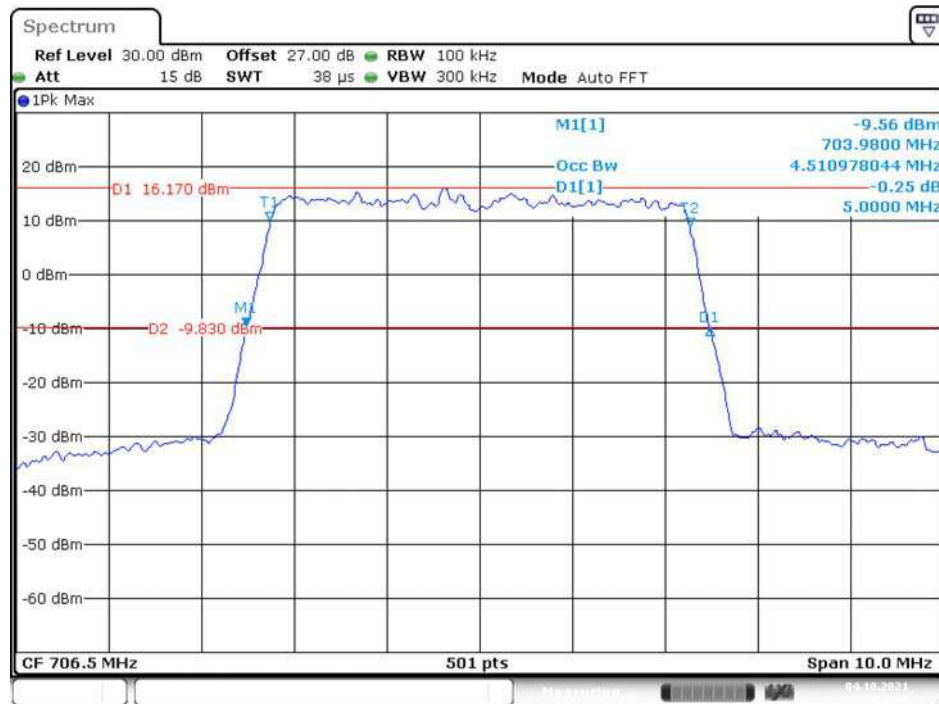
Date: 4 OCT.2021 09:50:16

LTE Band 17**QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

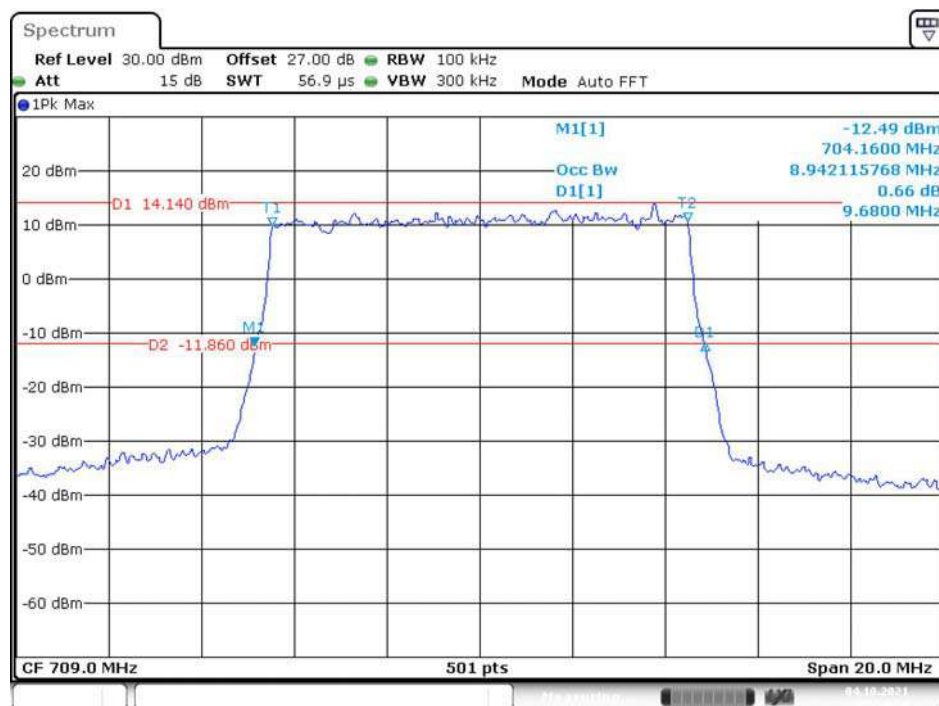
Date: 4.OCT.2021 09:51:42

QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

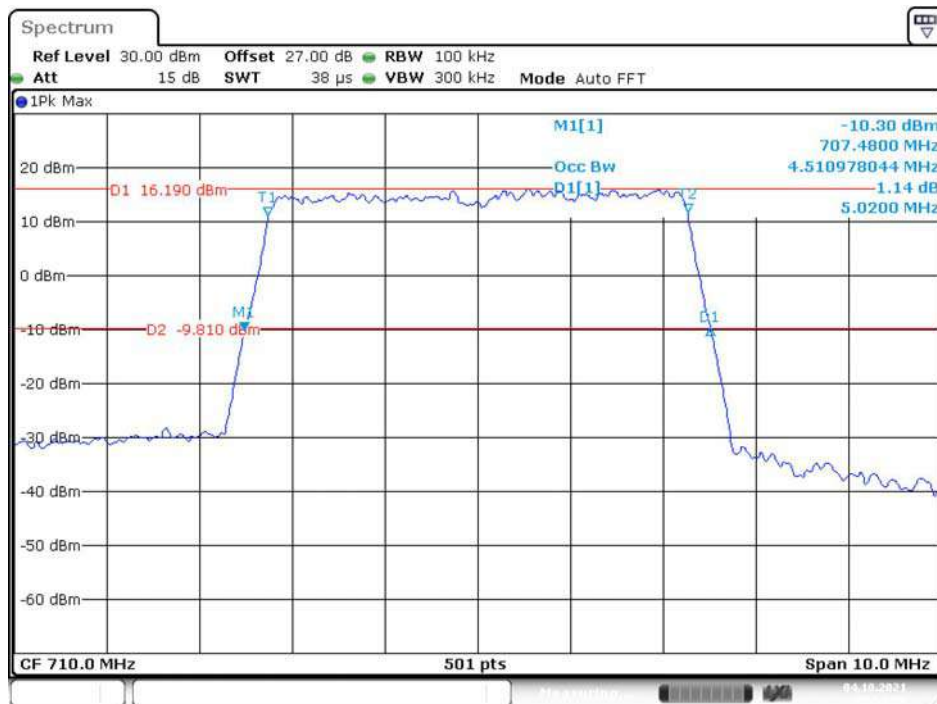
Date: 4.OCT.2021 09:54:27

16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

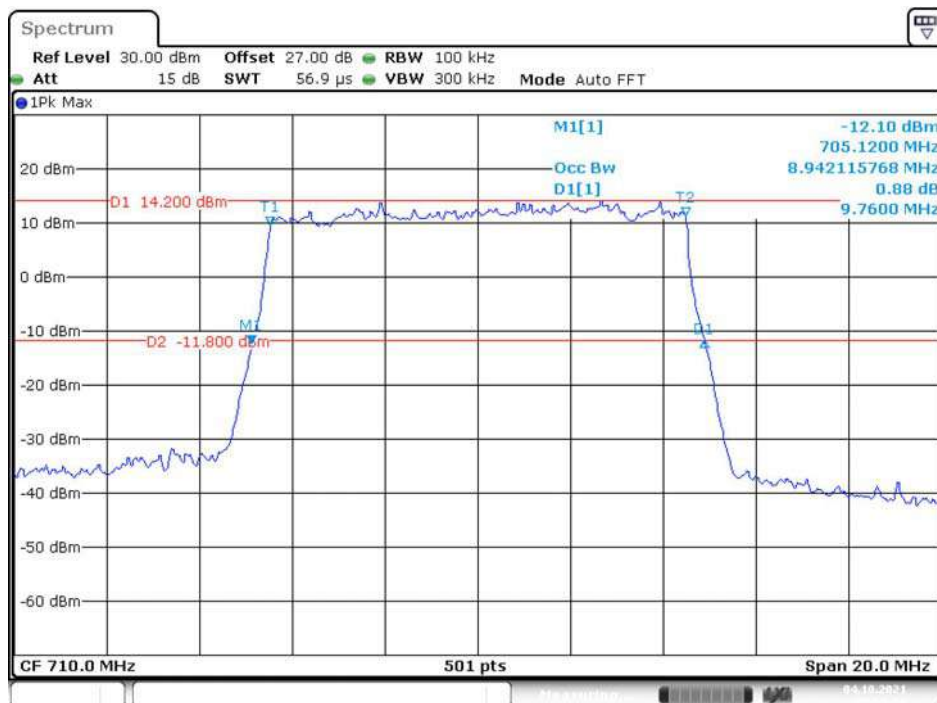
Date: 4.OCT.2021 09:52:09

16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

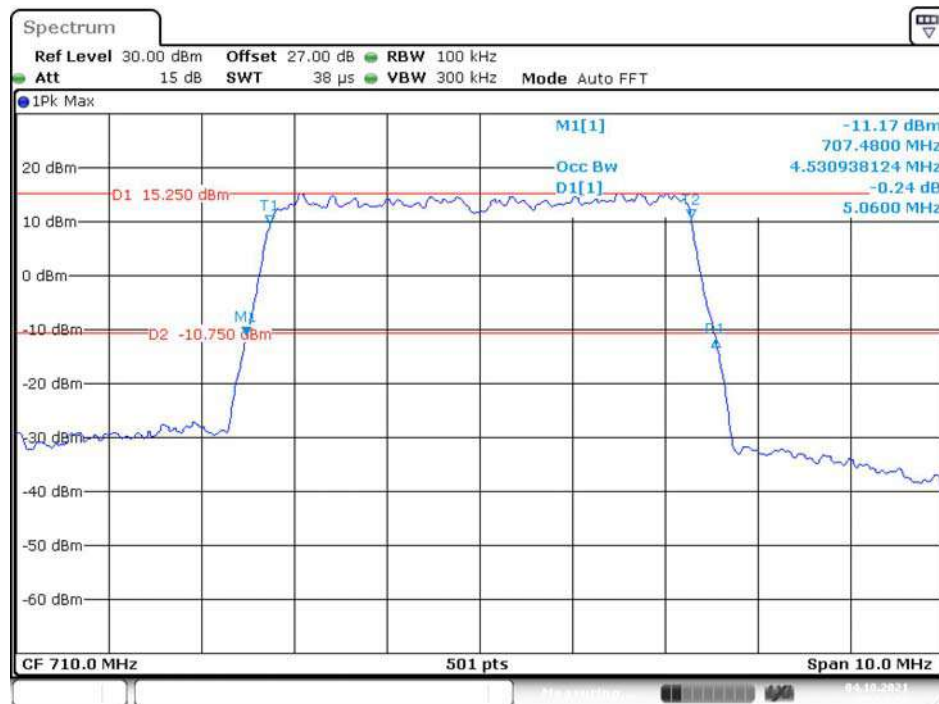
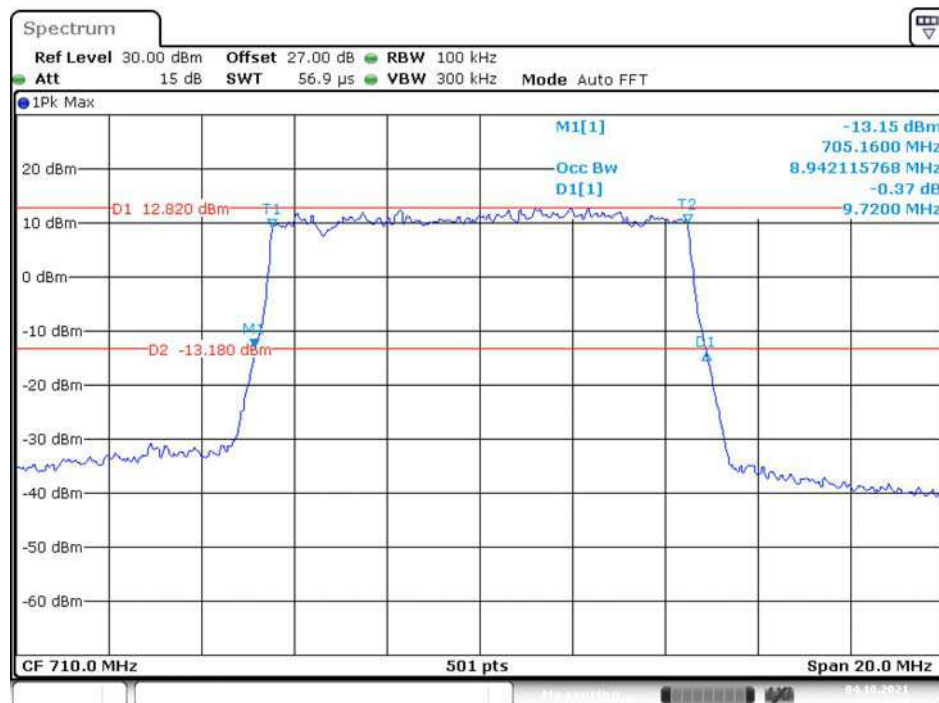
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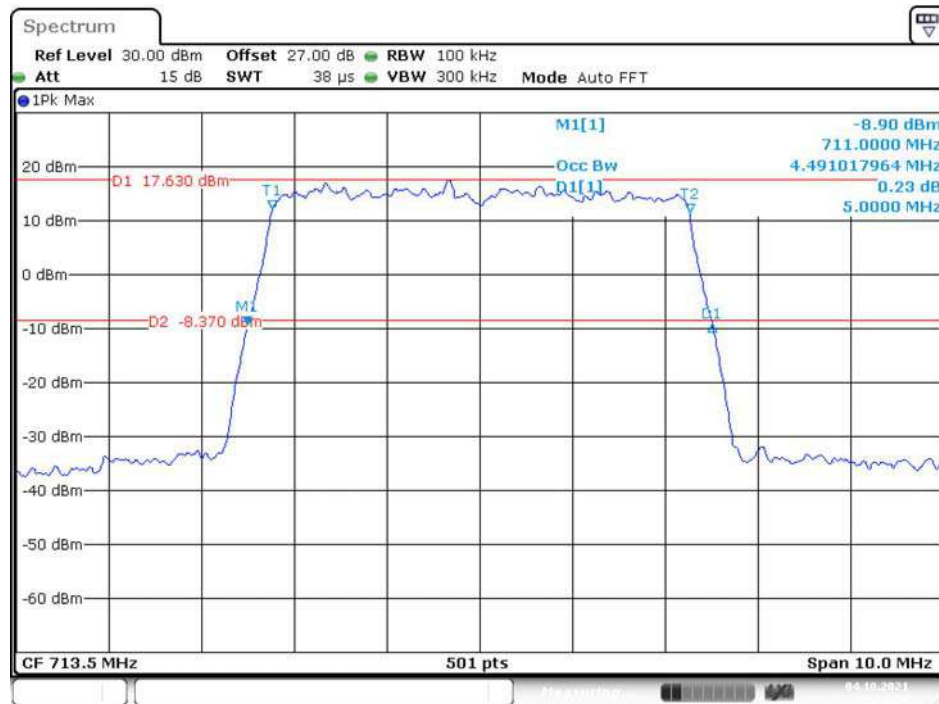
QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 4.OCT.2021 09:52:37

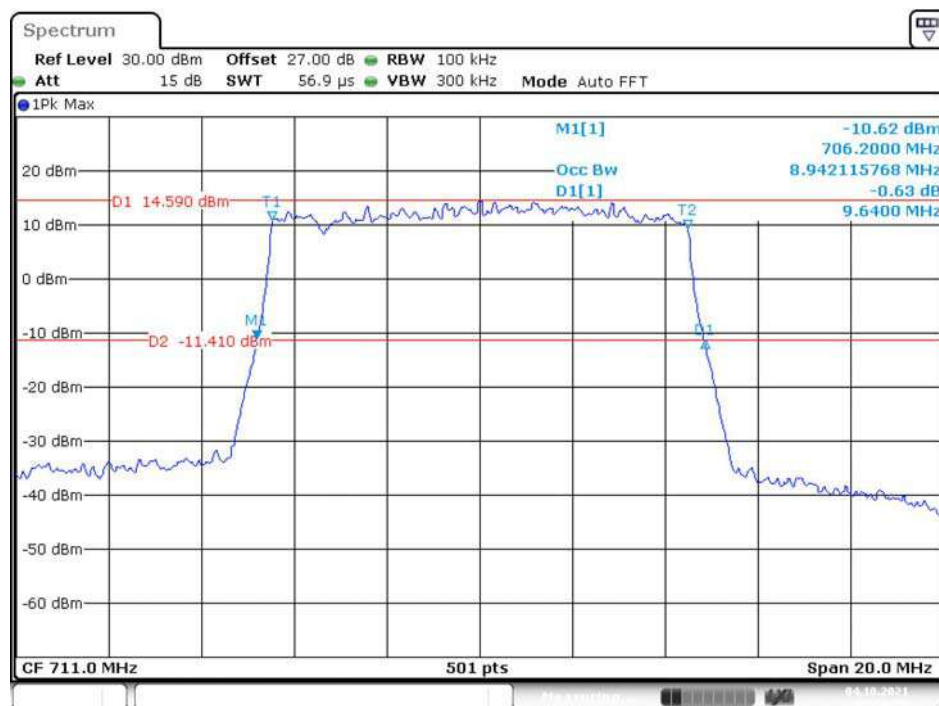
QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 4.OCT.2021 09:55:26

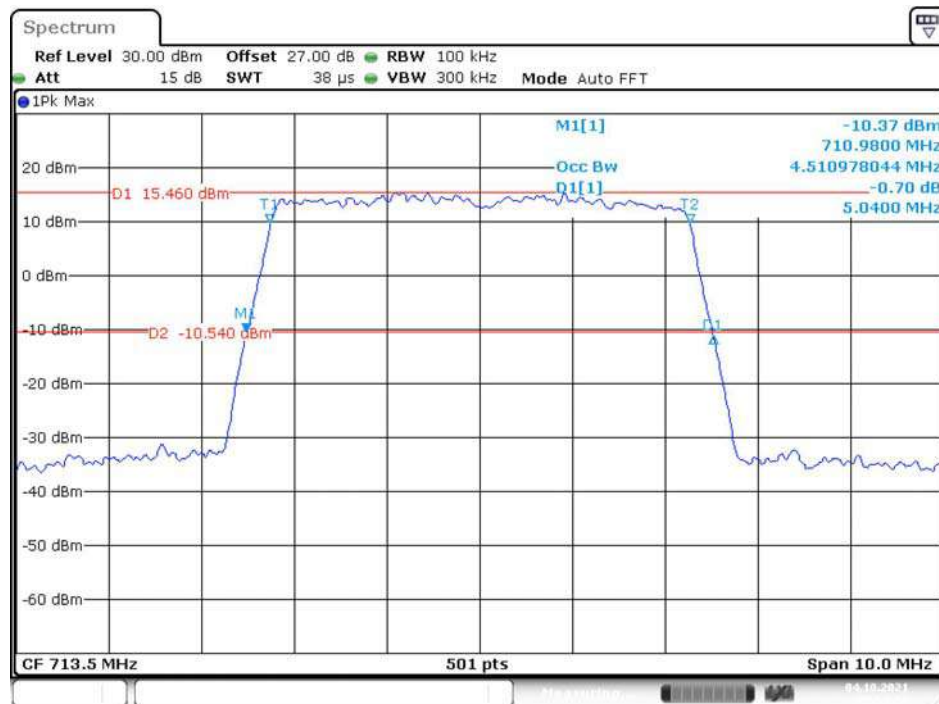
16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel**16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel**

QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

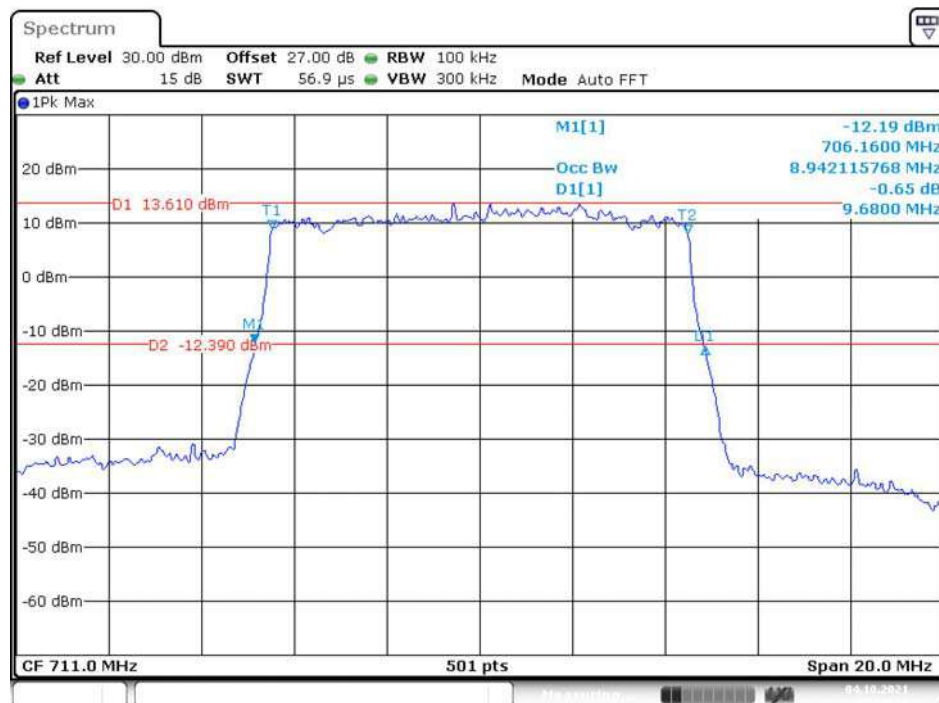
Date: 4.OCT.2021 09:53:24

QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 09:56:23

16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

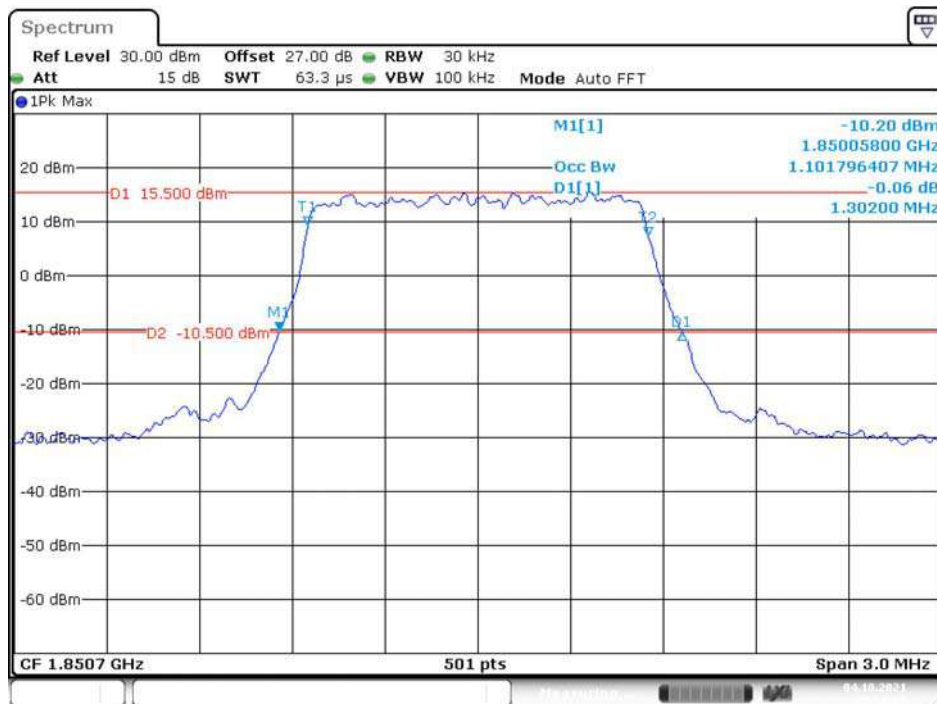
Date: 4.OCT.2021 09:53:57

16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 09:56:51

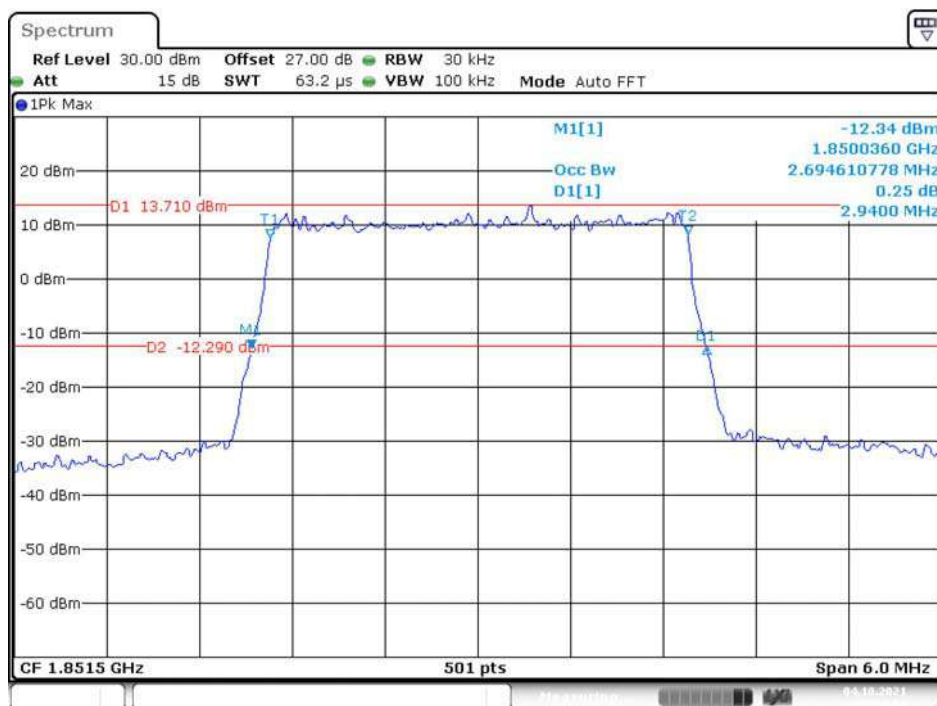
LTE Band 25

QPSK (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

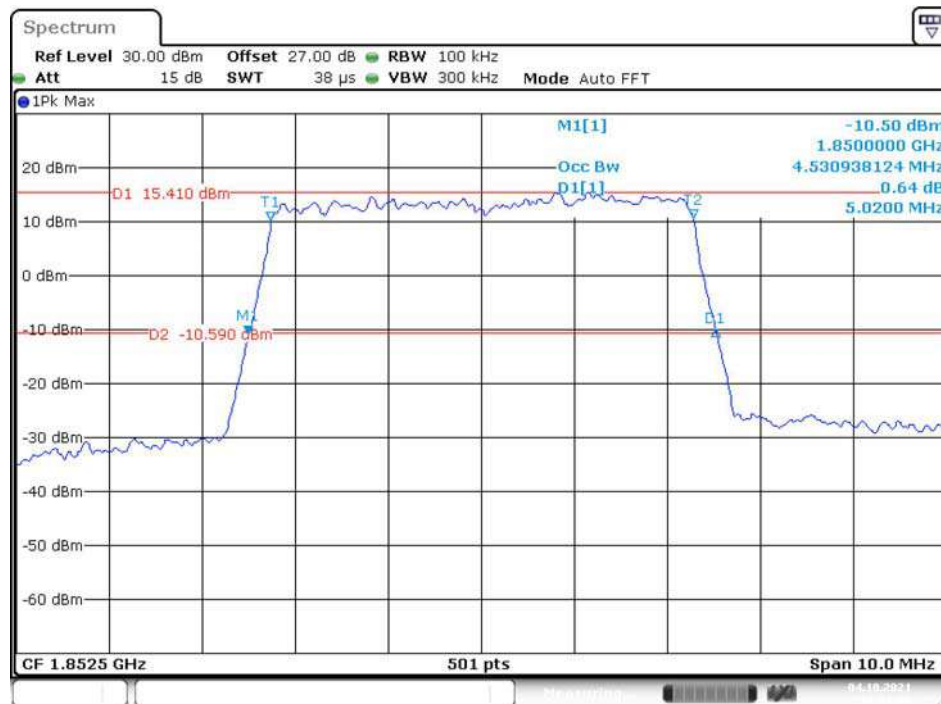


Date: 4.OCT.2021 09:57:16

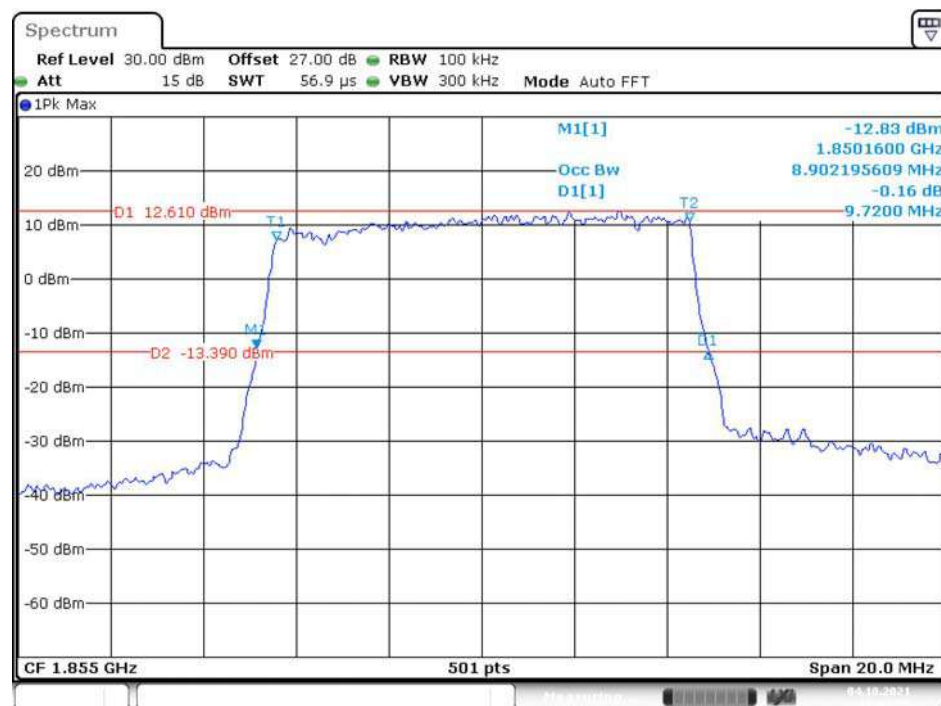
QPSK (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel



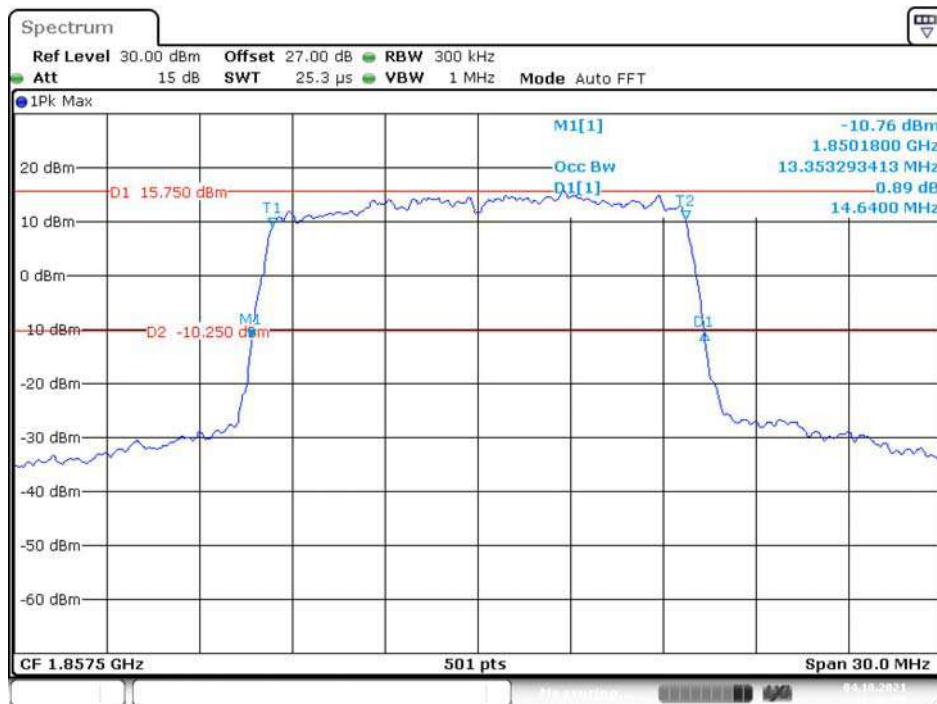
Date: 4.OCT.2021 09:59:08

QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

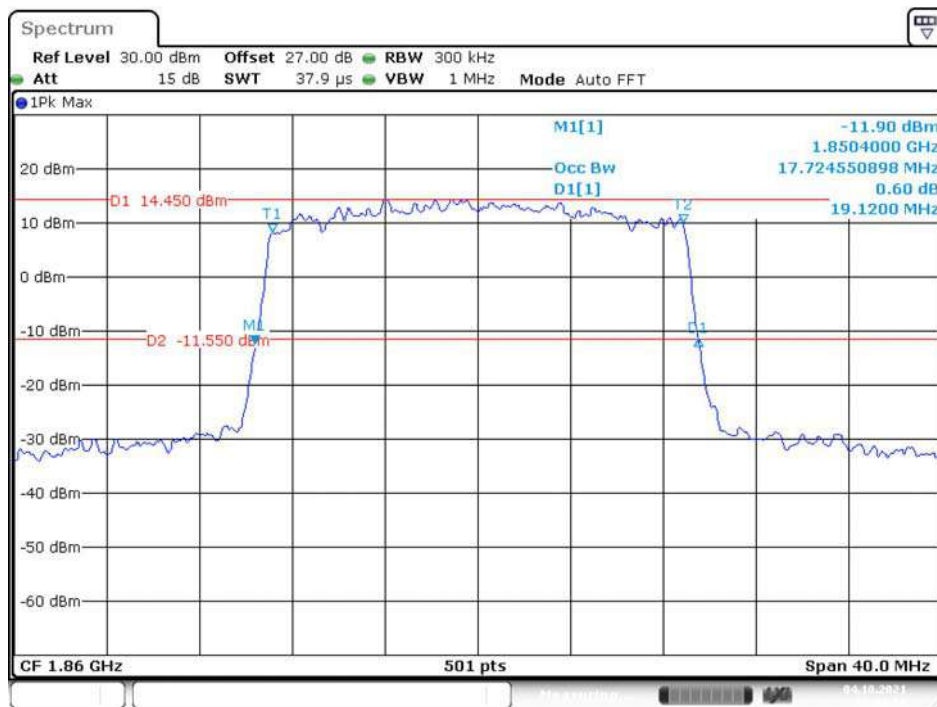
Date: 4.OCT.2021 10:01:07

QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

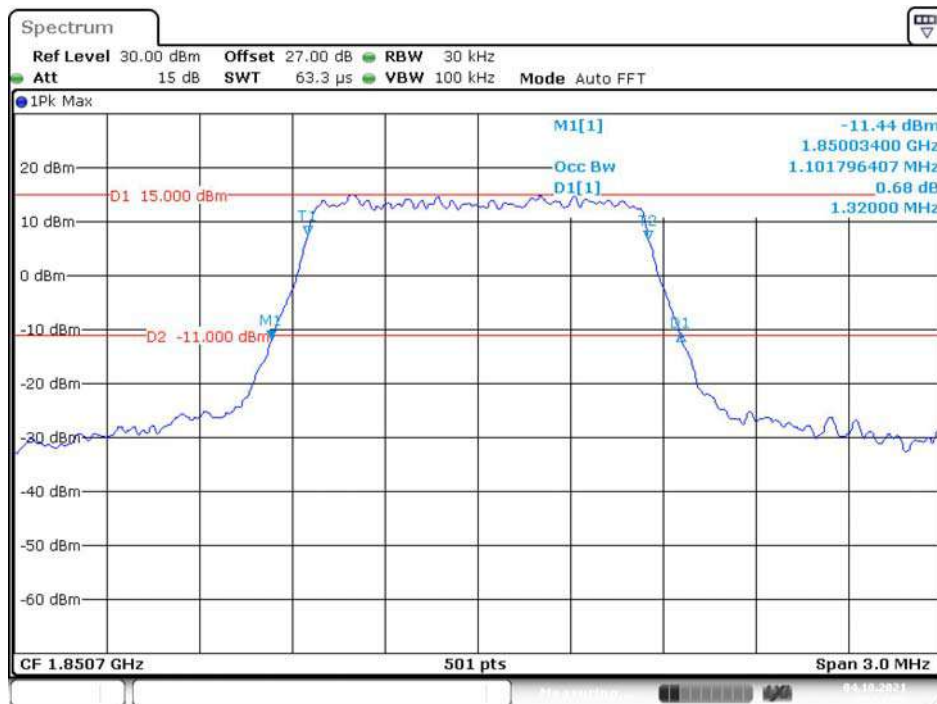
Date: 4.OCT.2021 10:03:35

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

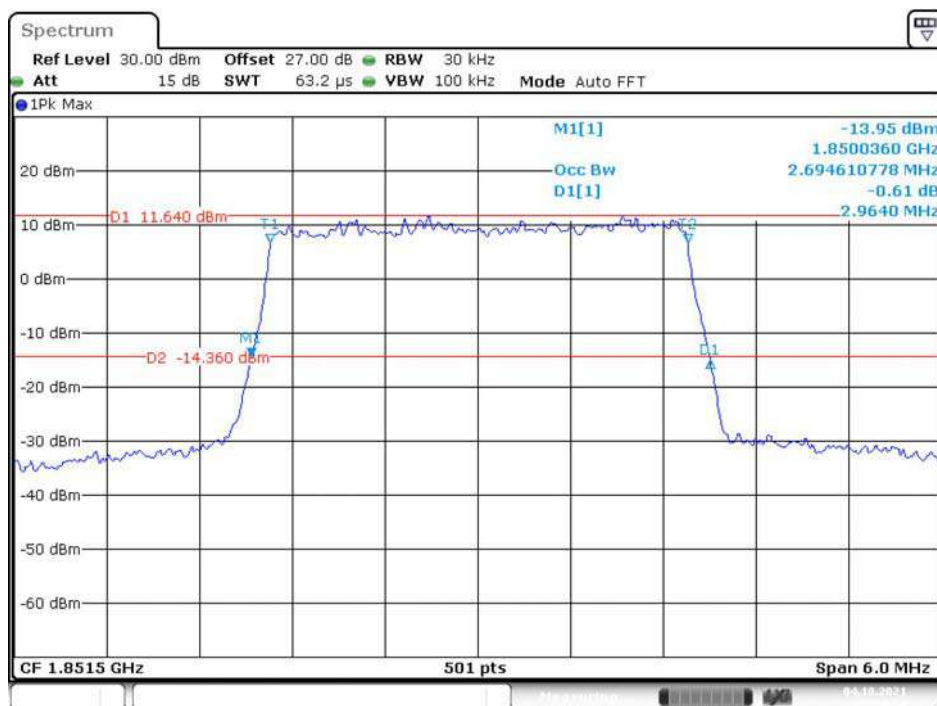
Date: 4.OCT.2021 10:06:39

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

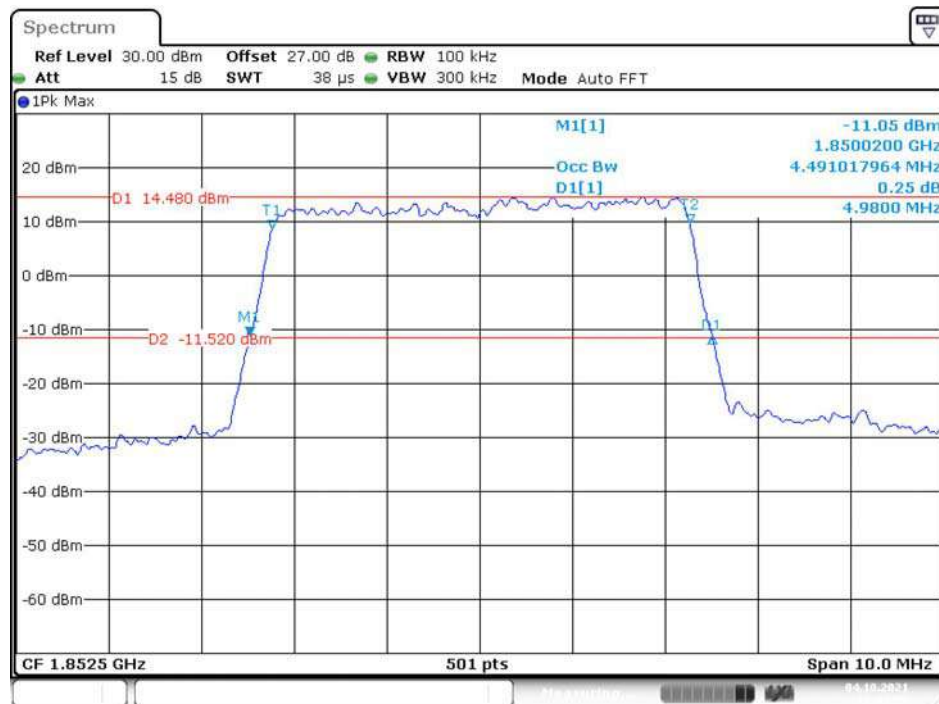
Date: 4.OCT.2021 10:09:51

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

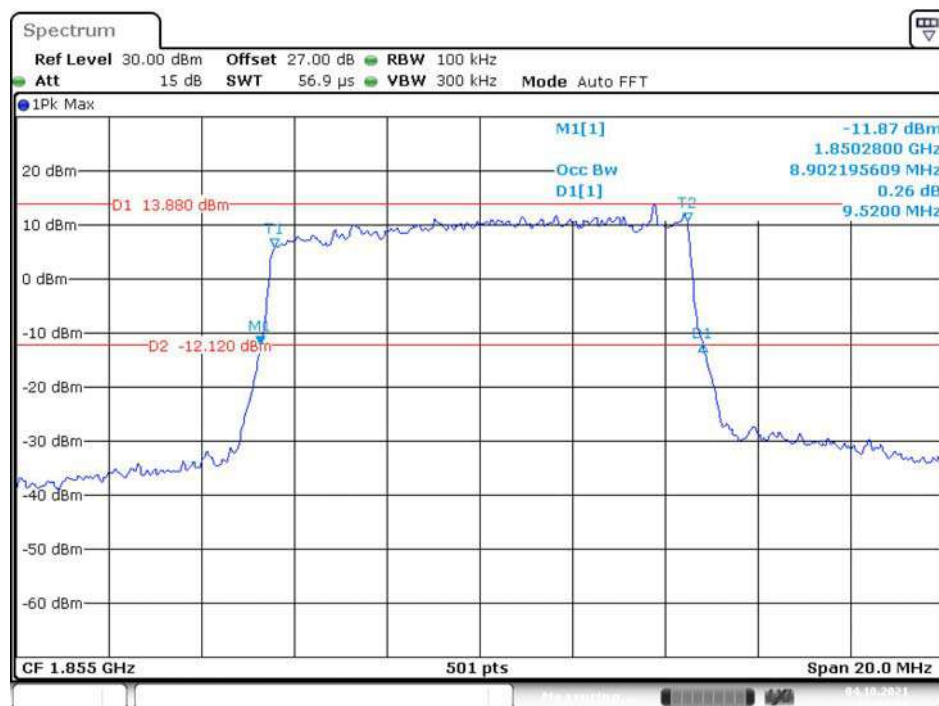
Date: 4.OCT.2021 09:57:33

16-QAM (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

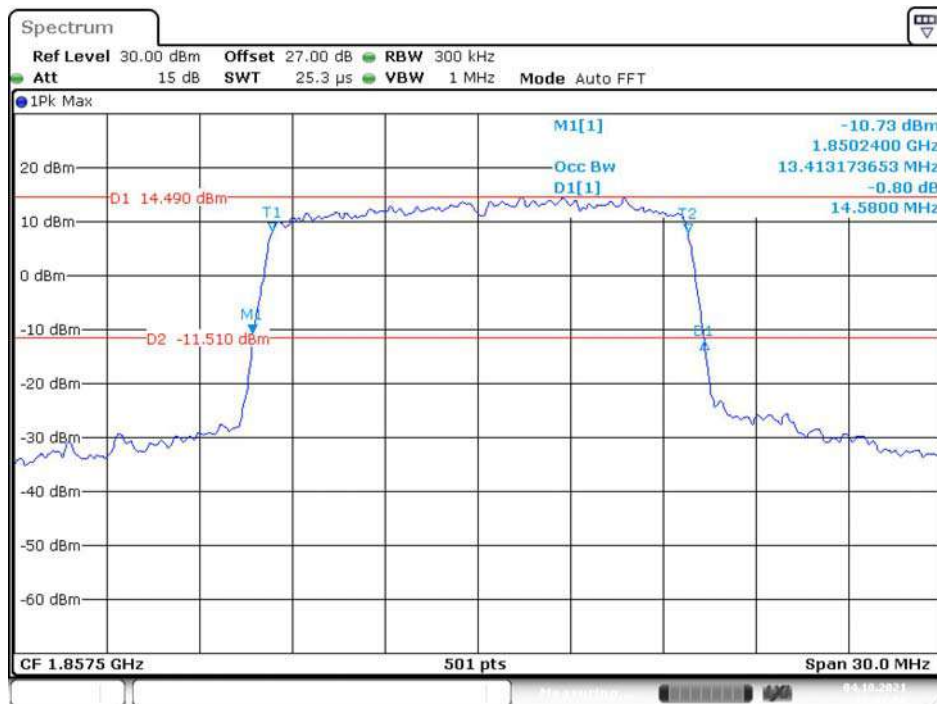
Date: 4.OCT.2021 09:59:29

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

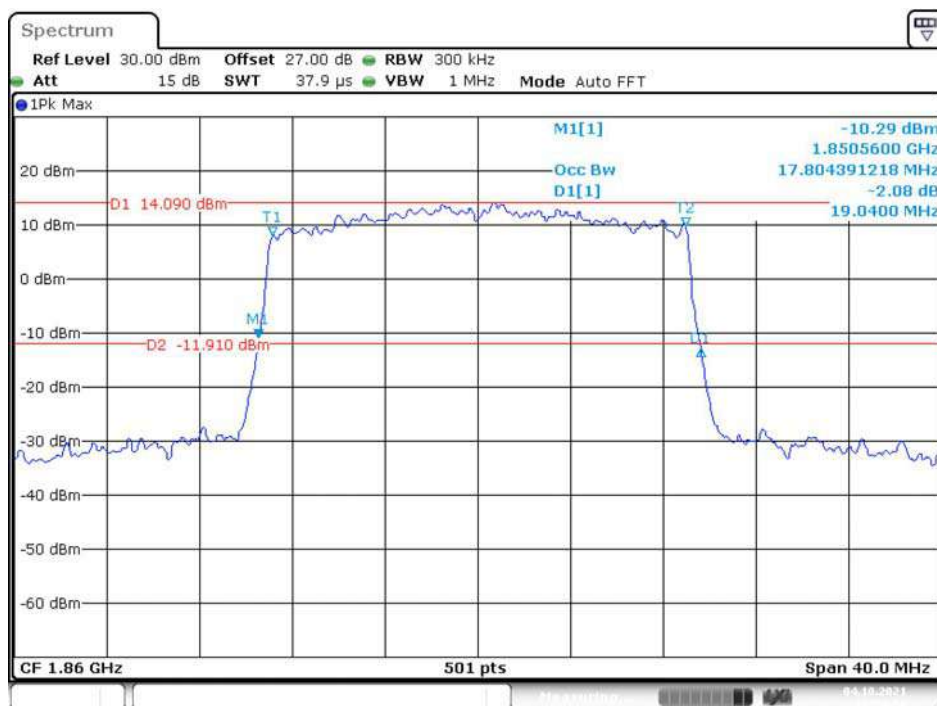
Date: 4.OCT.2021 10:01:27

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

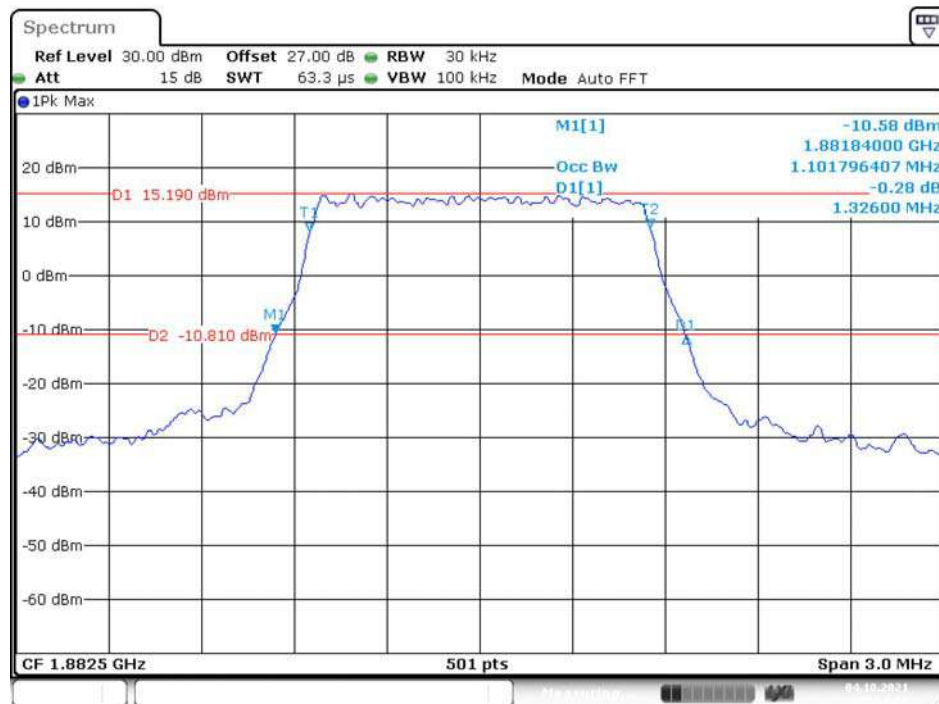
Date: 4.OCT.2021 10:04:03

16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

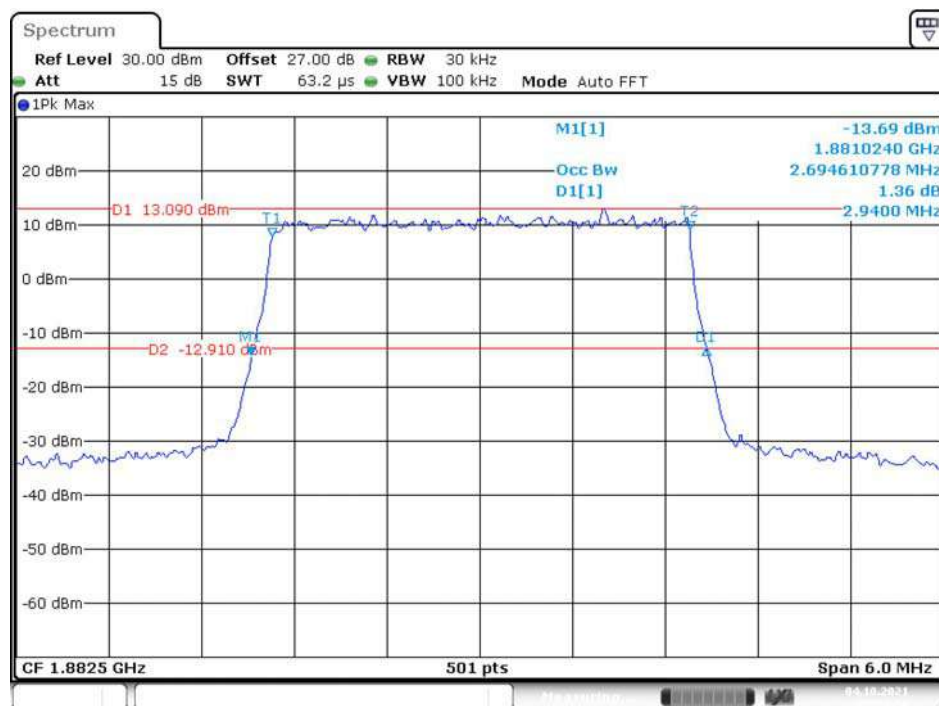
Date: 4.OCT.2021 10:07:09

16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

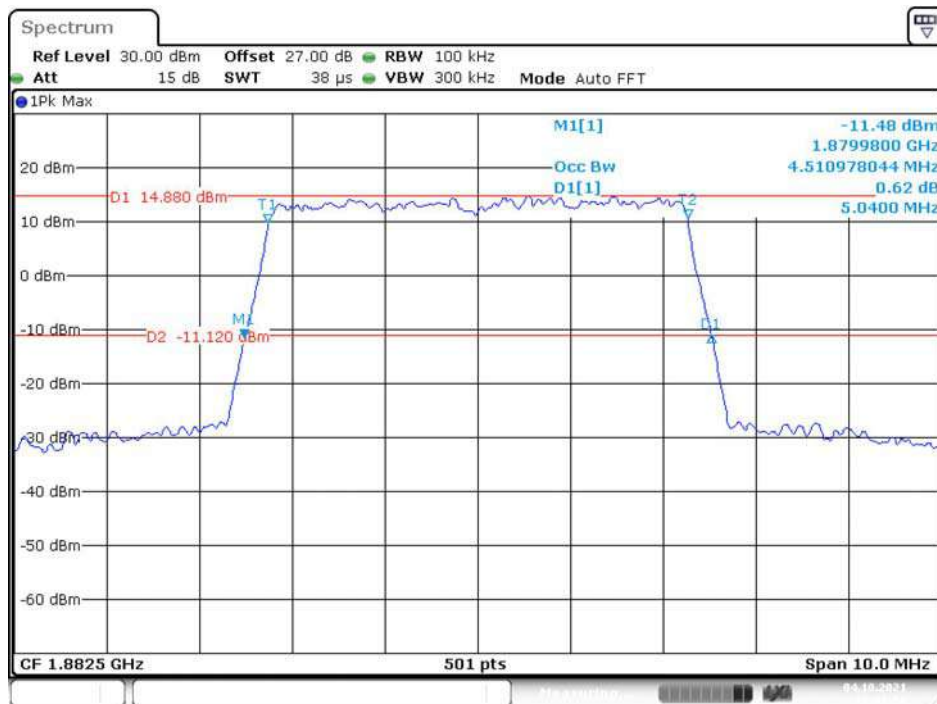
Date: 4.OCT.2021 10:10:21

QPSK (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

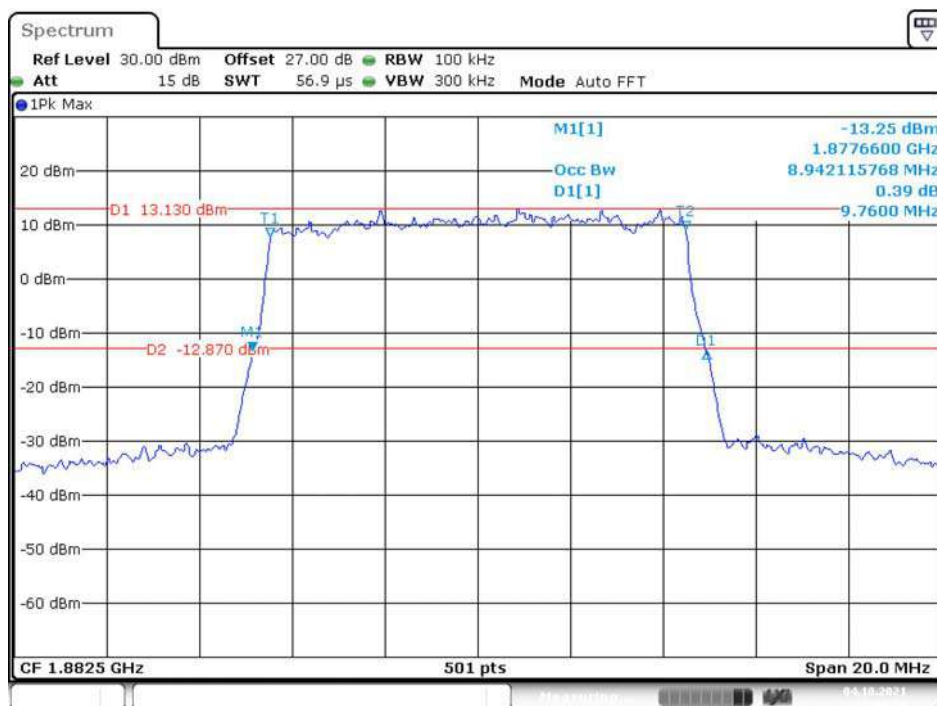
Date: 4.OCT.2021 09:57:51

QPSK (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

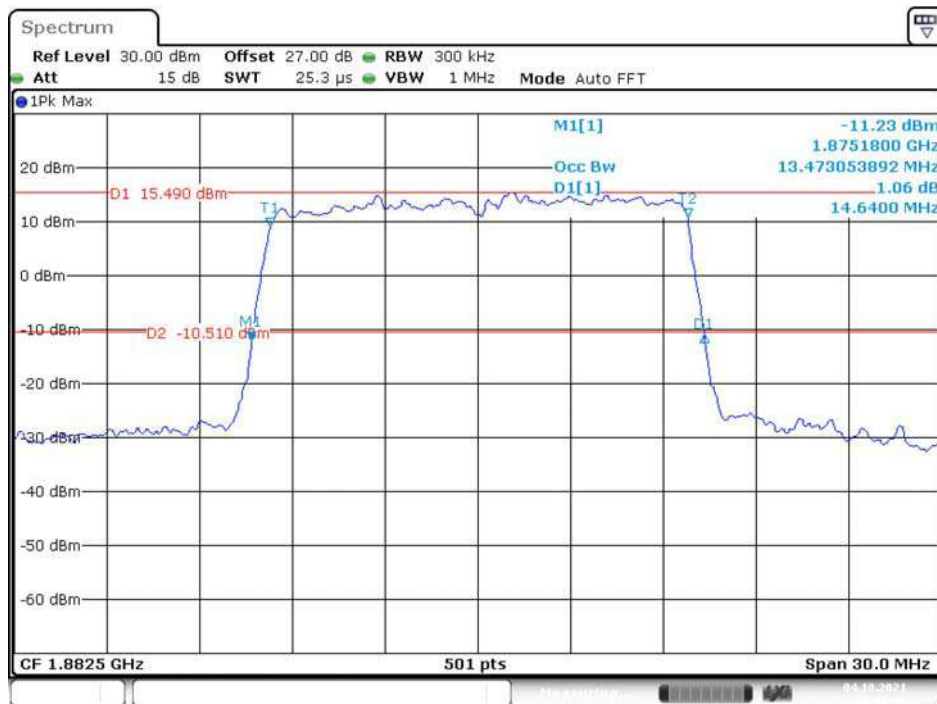
Date: 4.OCT.2021 09:59:53

QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

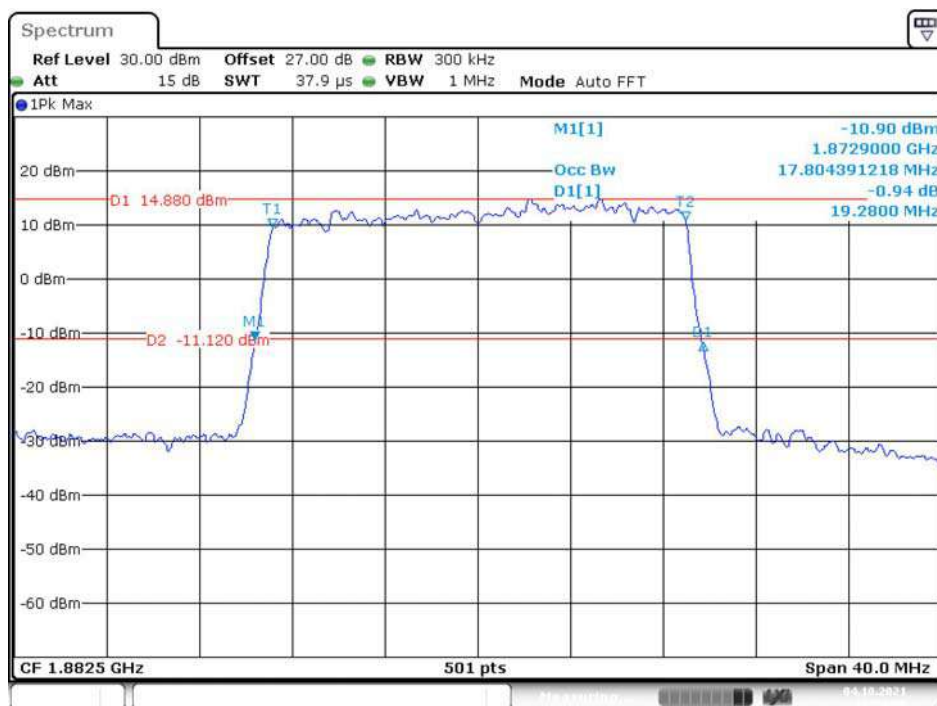
Date: 4.OCT.2021 10:01:52

QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

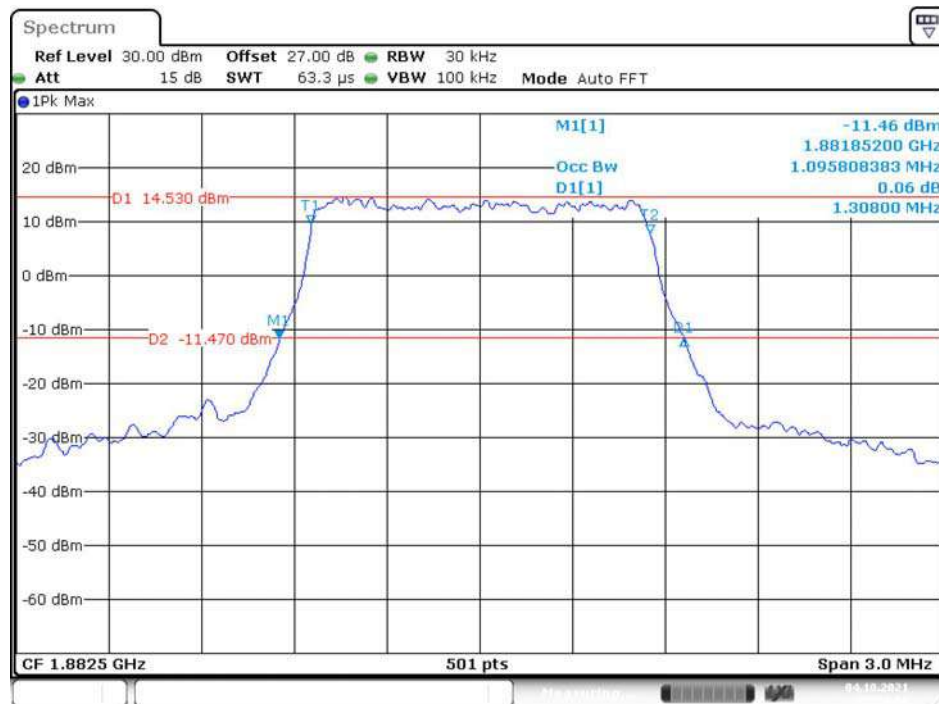
Date: 4.OCT.2021 10:04:31

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

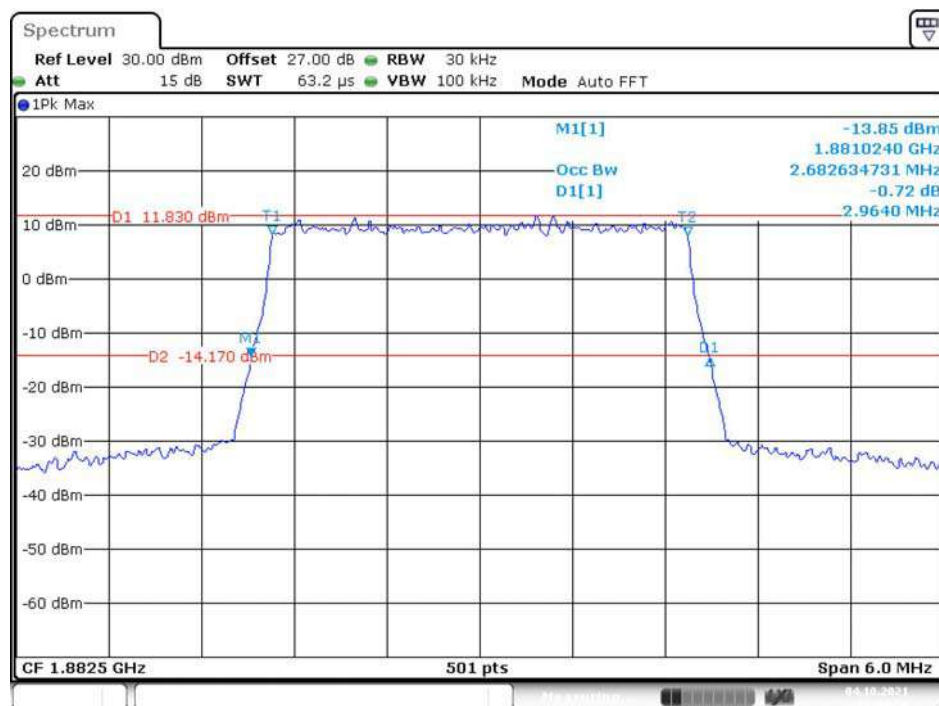
Date: 4.OCT.2021 10:07:43

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

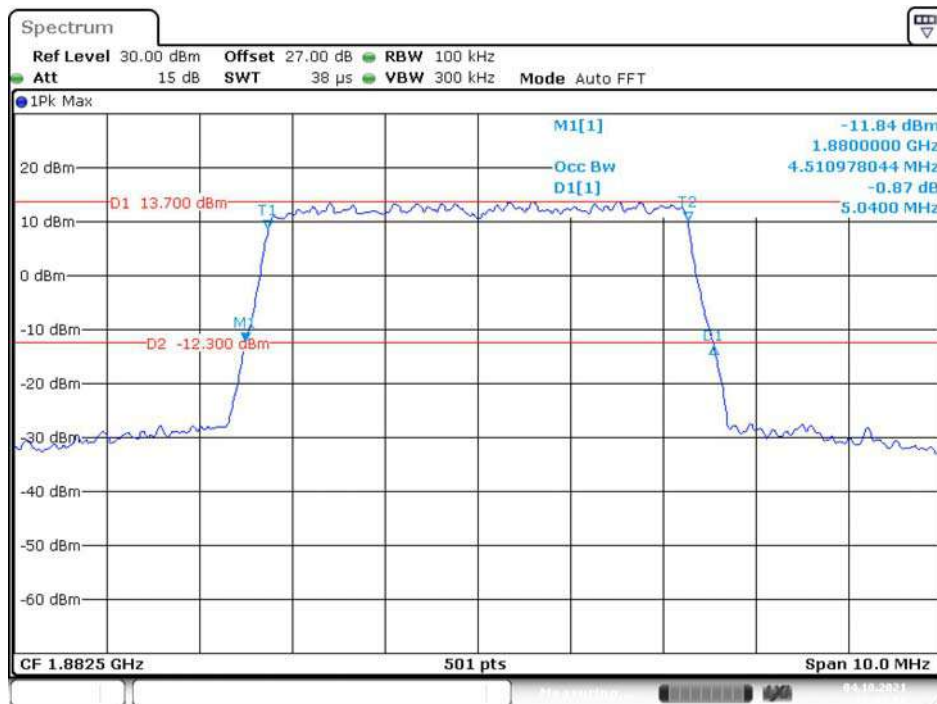
Date: 4.OCT.2021 10:10:49

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

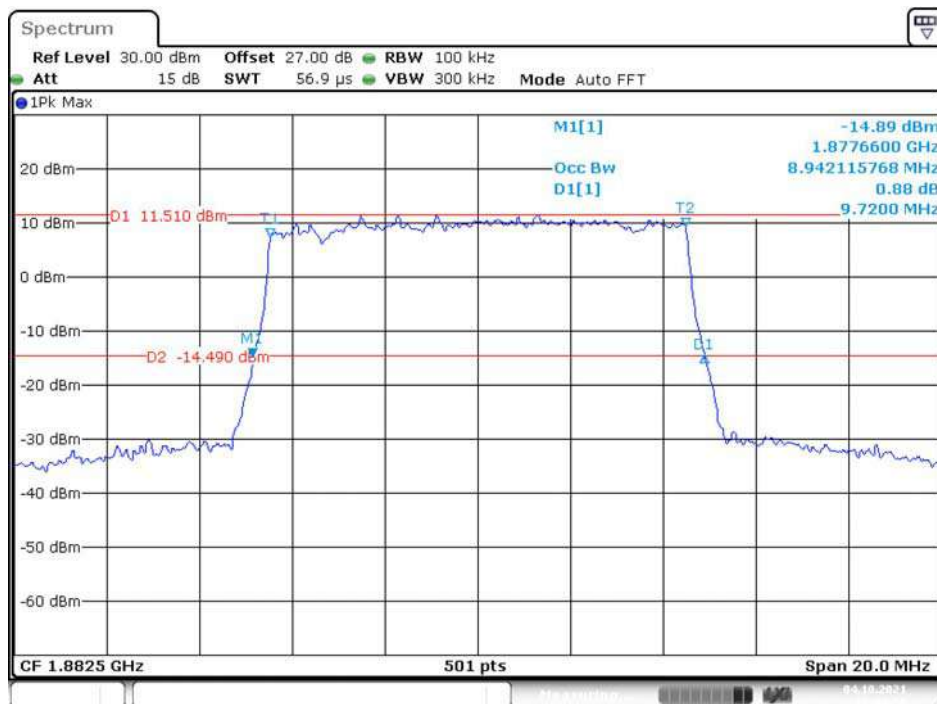
Date: 4.OCT.2021 09:58:08

16-QAM (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 4.OCT.2021 10:00:10

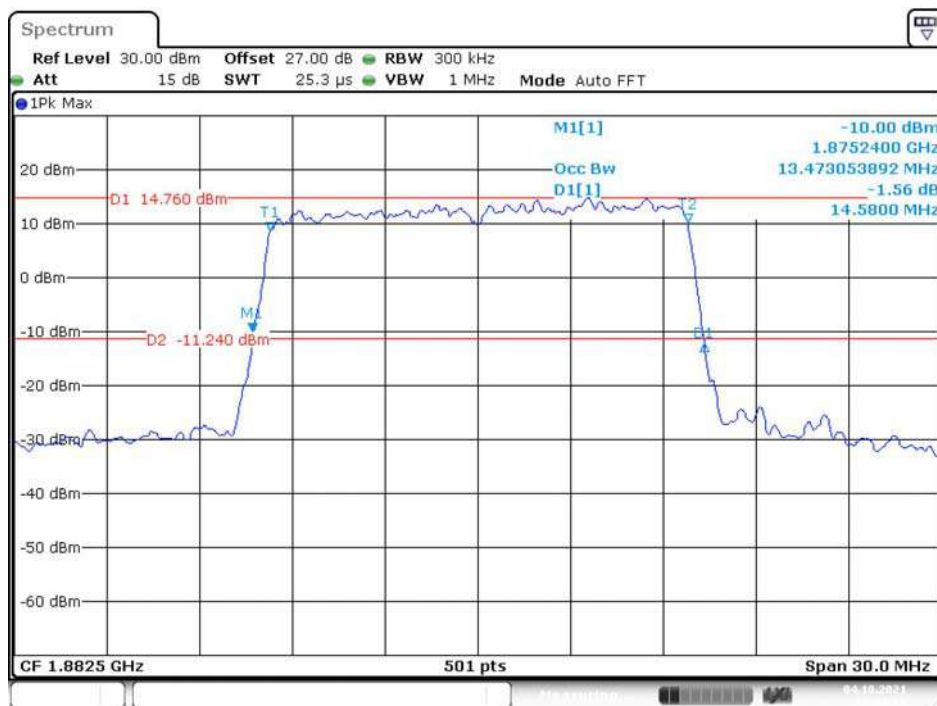
16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 4.OCT.2021 10:02:12

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

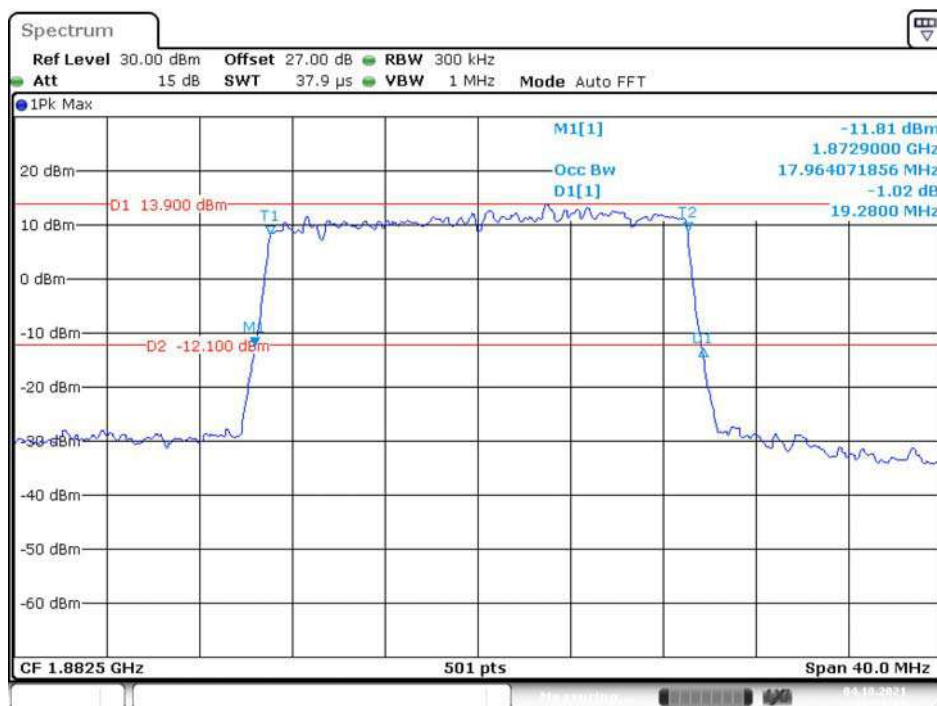
Date: 4.OCT.2021 10:04:59

16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

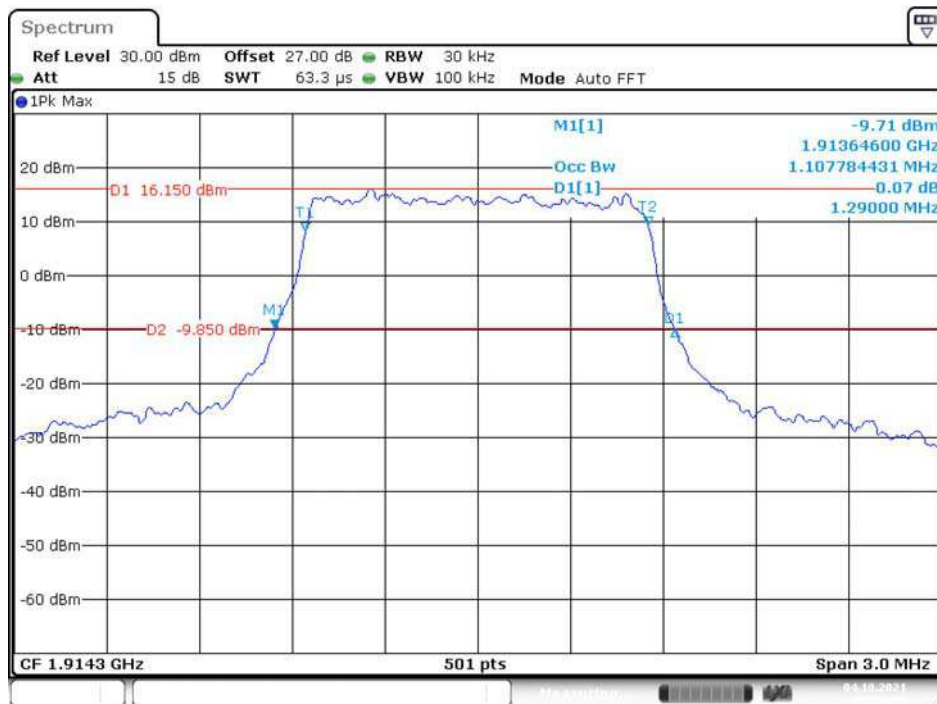


Date: 4.OCT.2021 10:08:13

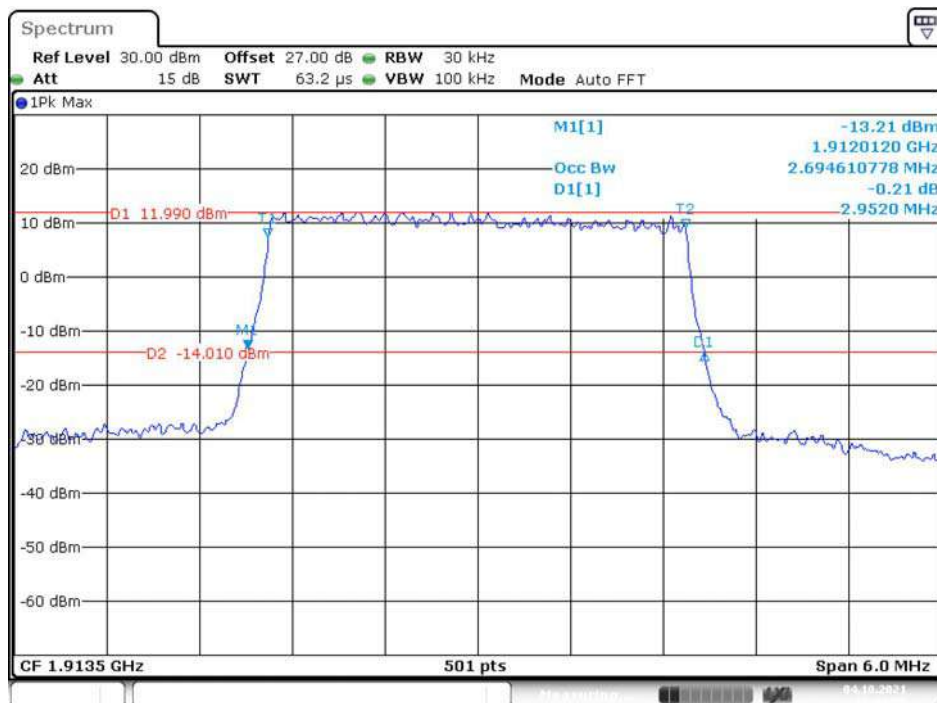
16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel



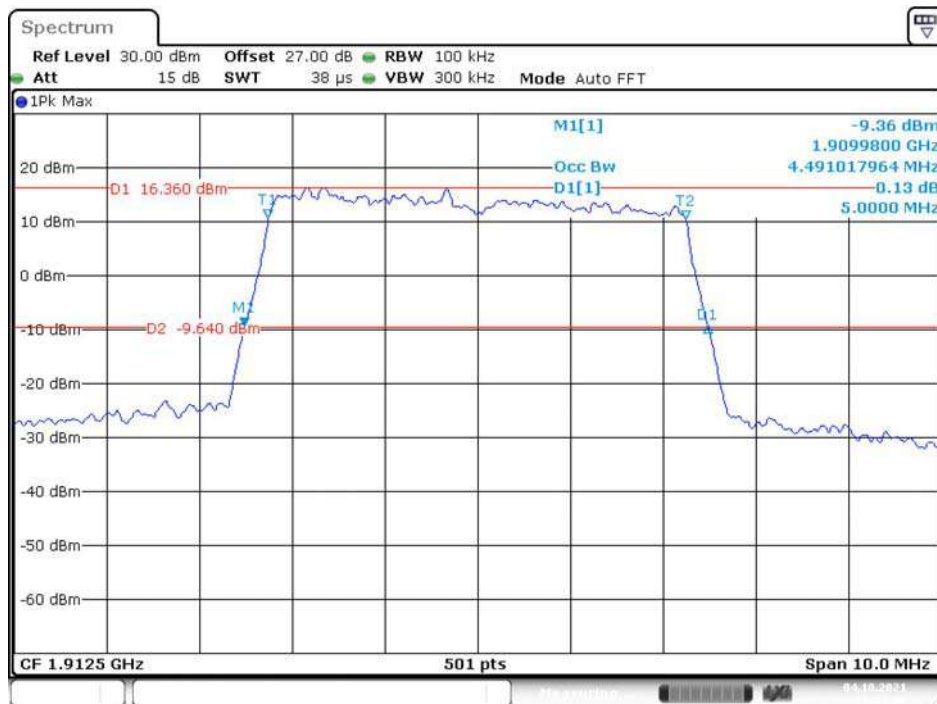
Date: 4.OCT.2021 10:11:16

QPSK (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

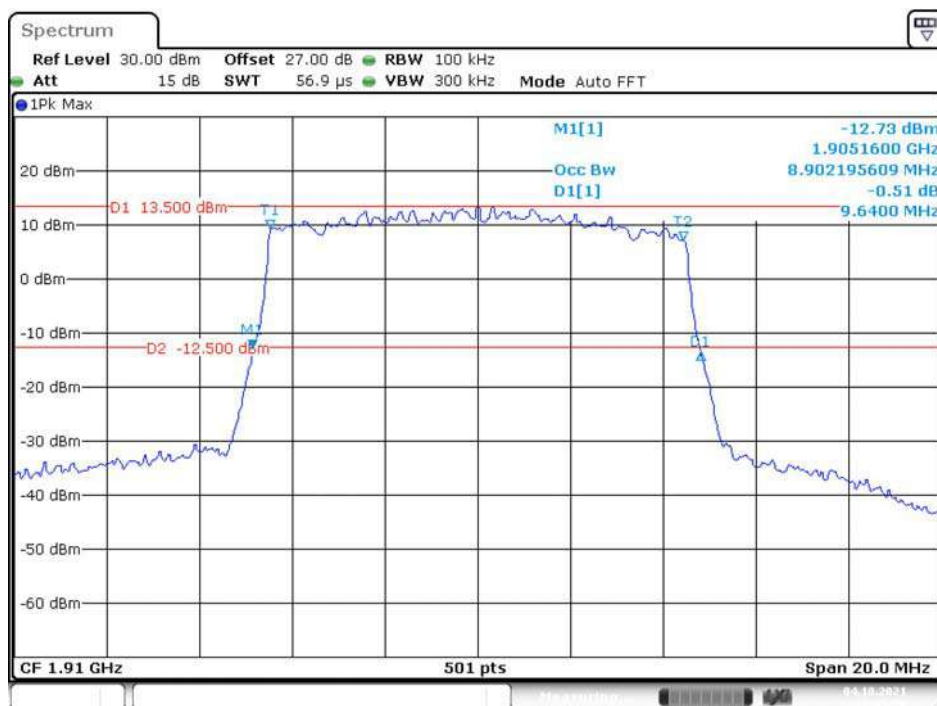
Date: 4.OCT.2021 09:58:23

QPSK (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

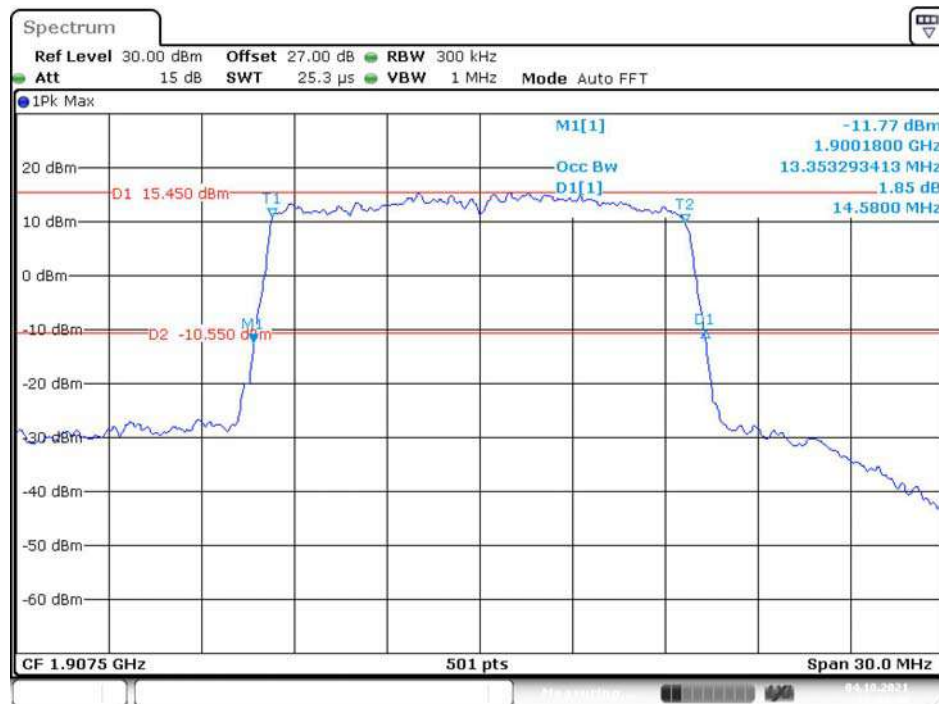
Date: 4.OCT.2021 10:00:25

QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

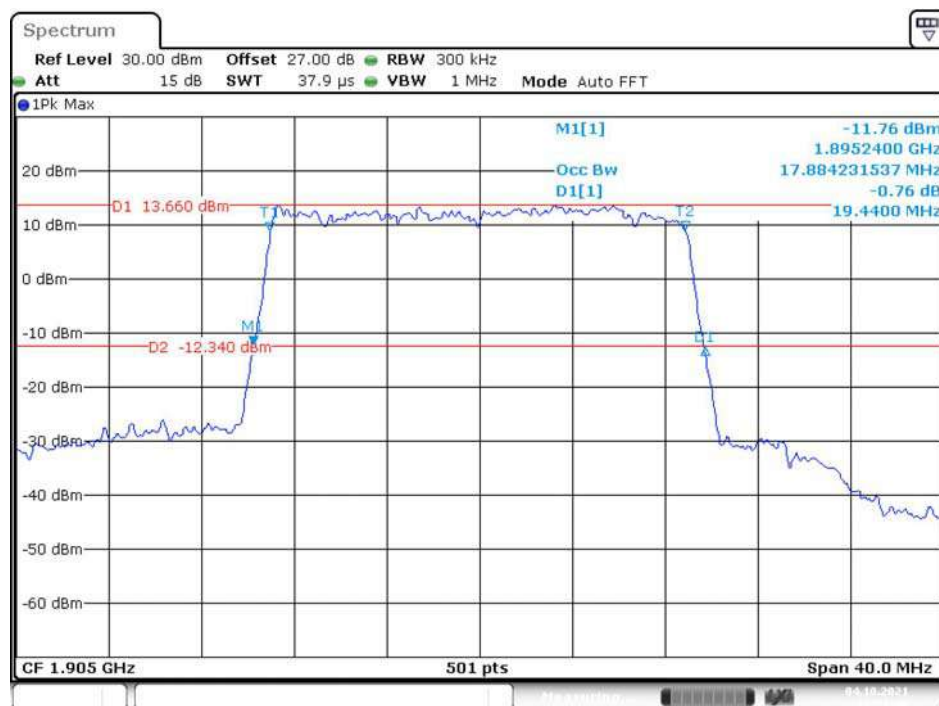
Date: 4.OCT.2021 10:02:40

QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

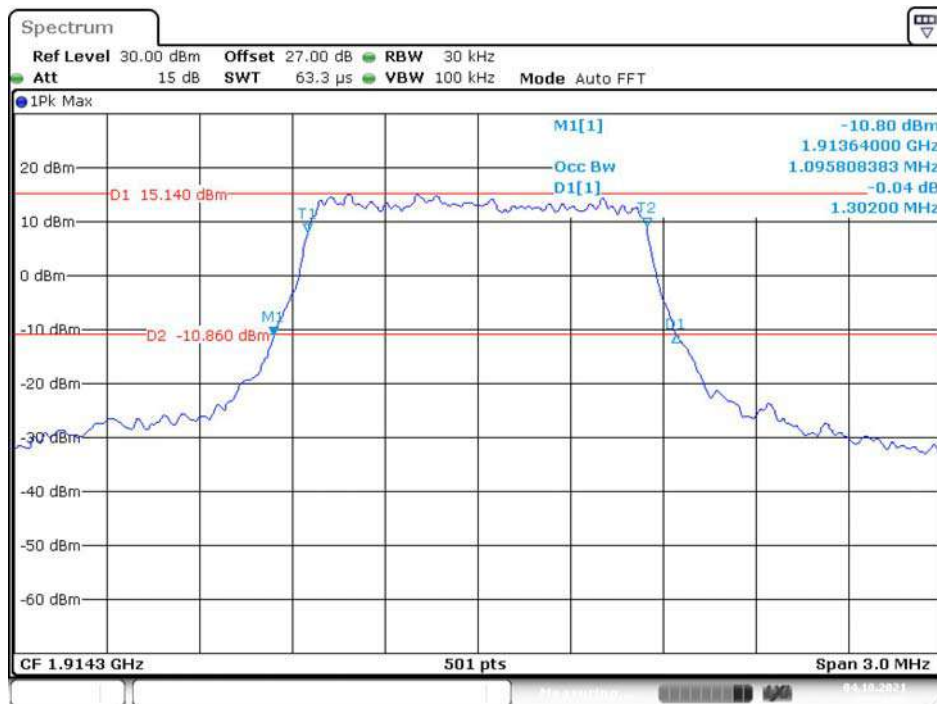
Date: 4.OCT.2021 10:05:31

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

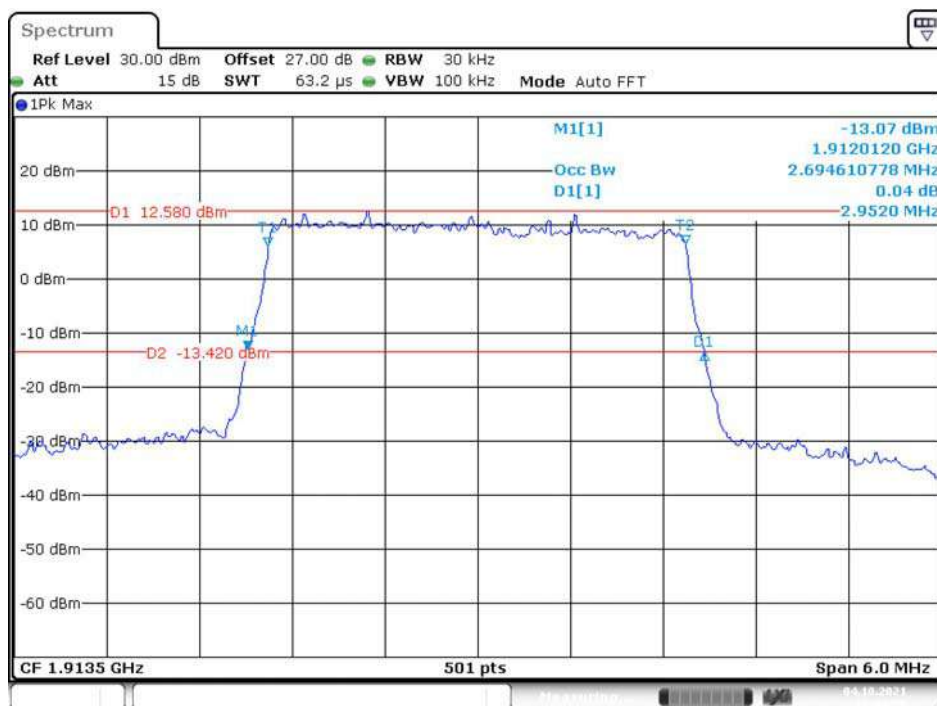
Date: 4.OCT.2021 10:08:44

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 10:11:47

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 09:58:47

16-QAM (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 4.OCT.2021 10:00:39

Spectrum

Ref Level 30.00 dBm Offset 27.00 dB RBW 100 kHz
 Att 15 dB SWT 38 μ s VBW 300 kHz Mode Auto FFT

1Pk Max

M1[1] -11.22 dBm
 1.9099800 GHz
 Occ Bw 4.510978044 MHz
 D1[1] -0.67 dB
 T2 5.0200 MHz

D1 14.410 dBm
 D2 -11.590 dBm
 T1
 M1

CF 1.9125 GHz 501 pts Span 10.0 MHz

Spectrum

Ref Level 30.00 dBm Offset 27.00 dB RBW 100 kHz
 Att 15 dB SWT 56.9 μ s VBW 300 kHz Mode Auto FFT

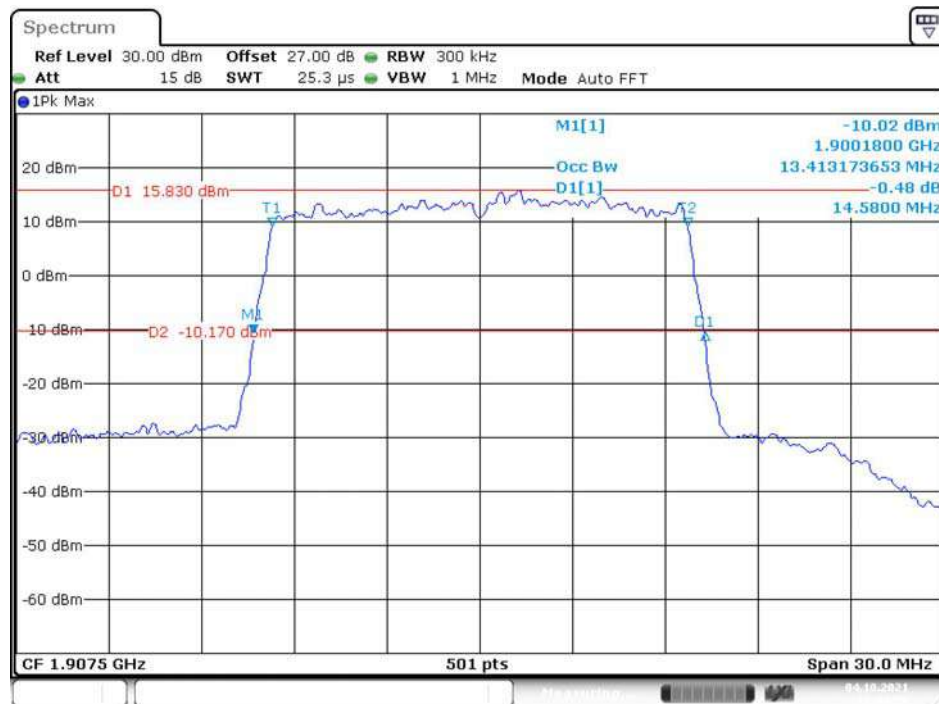
1Pk Max

M1[1] -13.72 dBm
 1.9051600 MHz
 Occ Bw 8.902195609 MHz
 D1[1] 0.23 dB
 9.6400 MHz

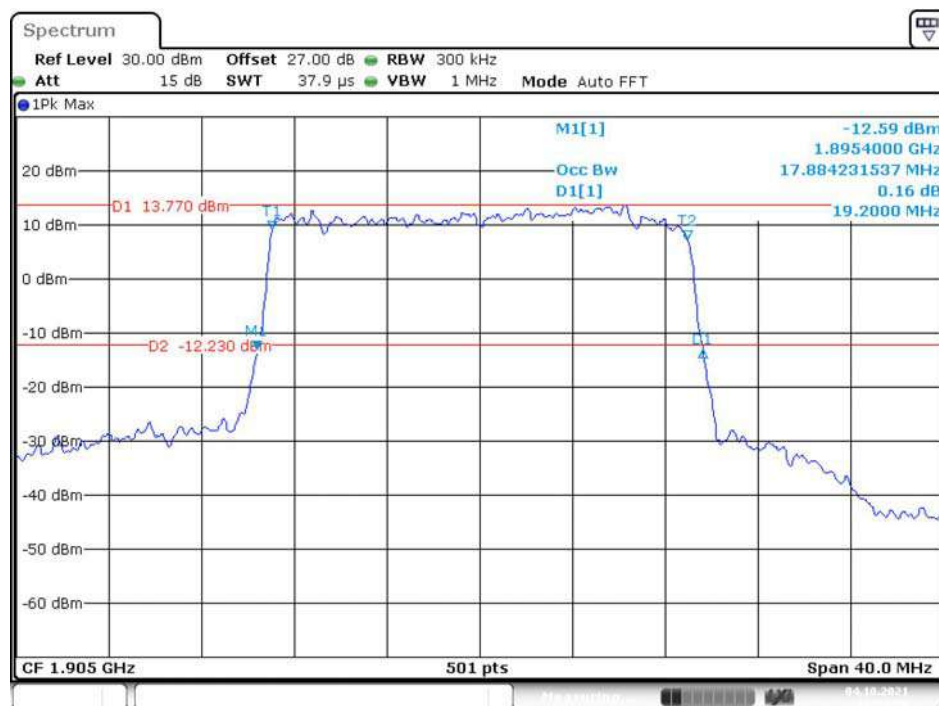
D1 12.600 dBm
 D2 -13.400 dBm

CF 1.91 GHz 501 pts Span 20.0 MHz

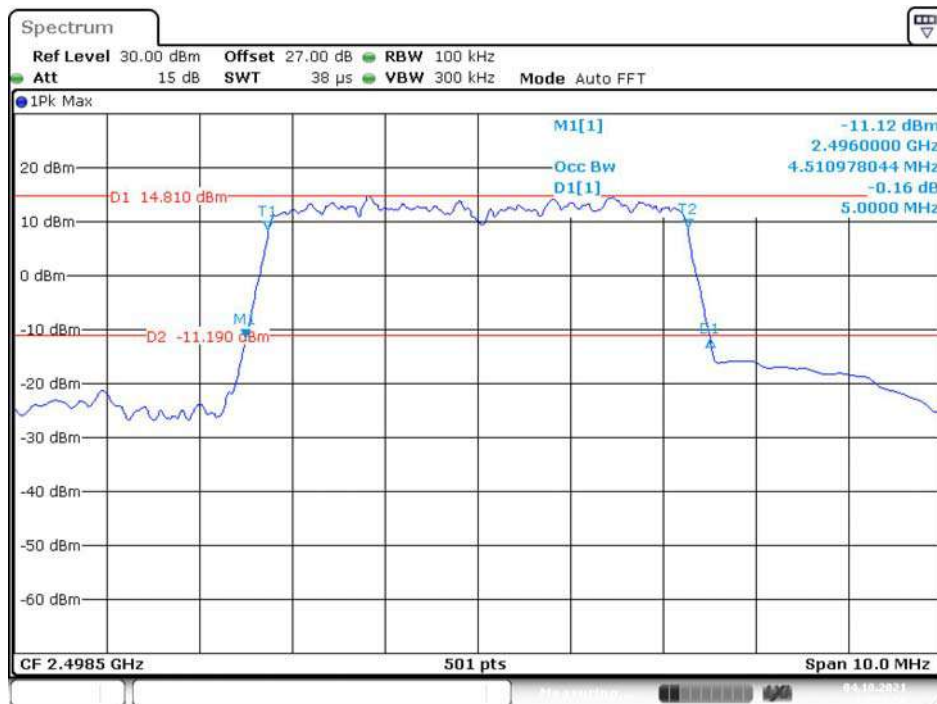
Page 170 of 515

16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

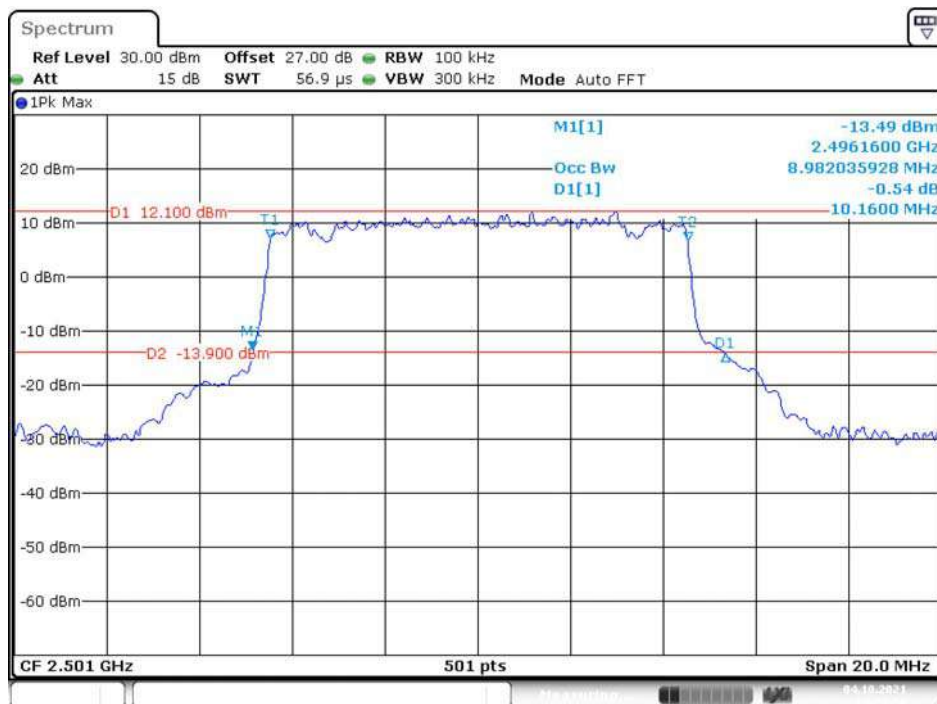
Date: 4.OCT.2021 10:09:17

16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

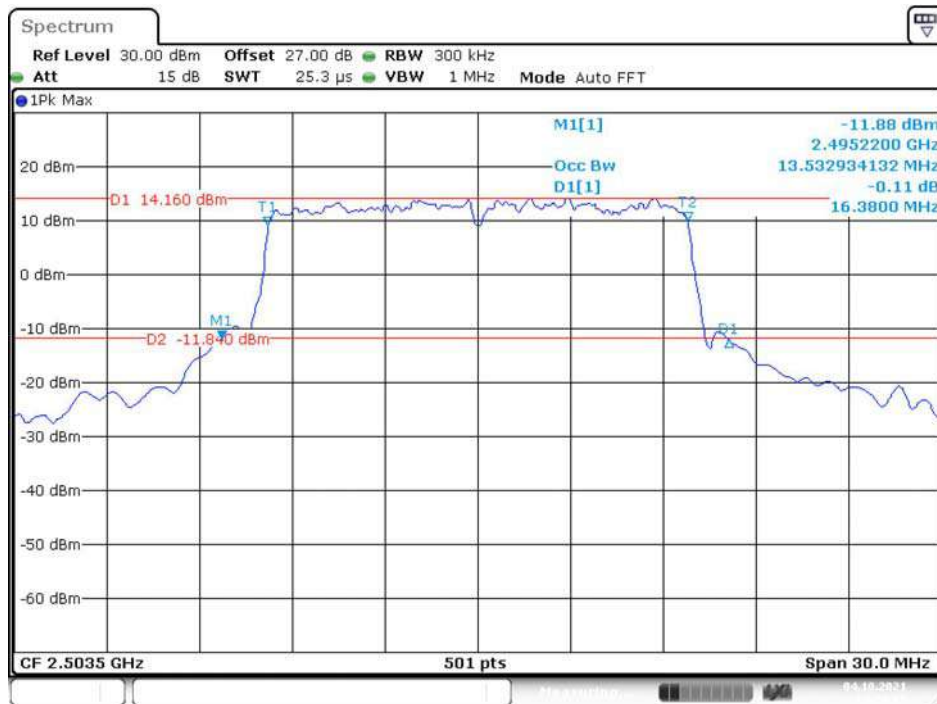
Date: 4.OCT.2021 10:12:16

LTE Band 41**QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

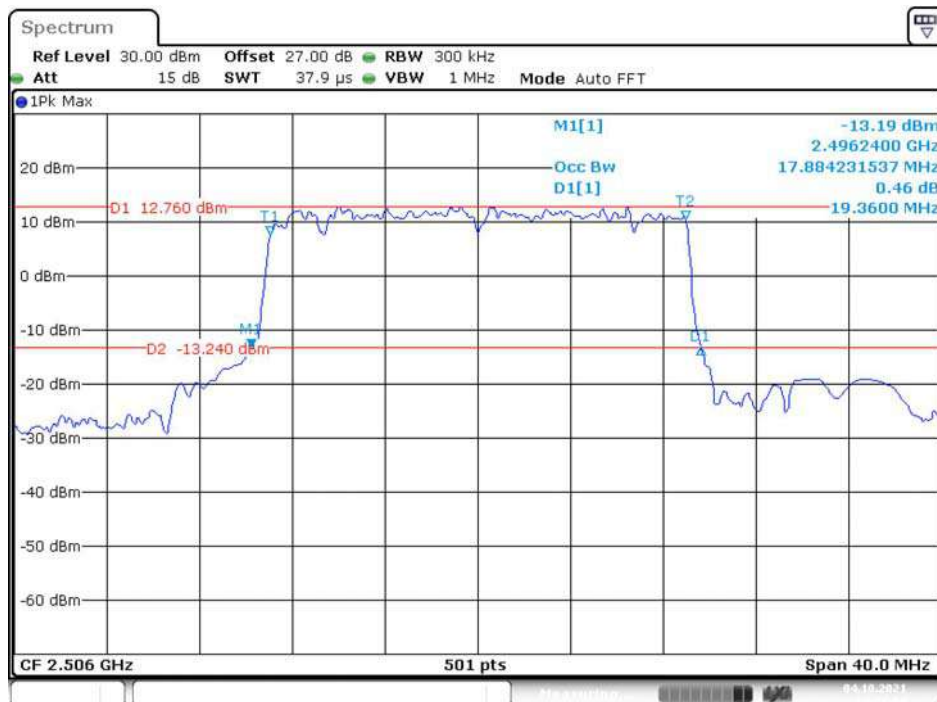
Date: 4.OCT.2021 14:19:11

QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

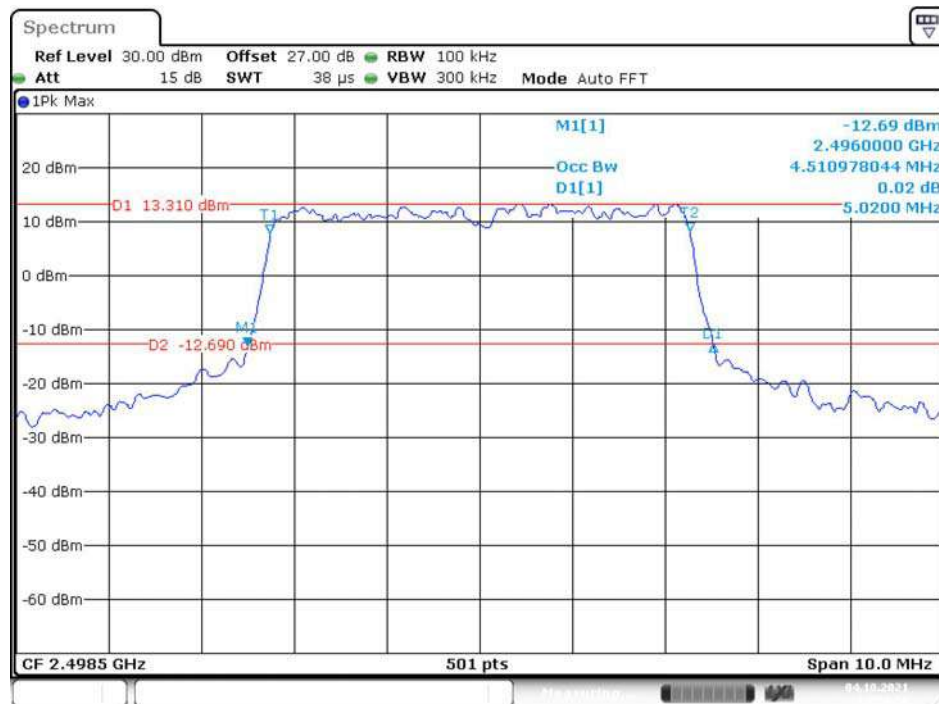
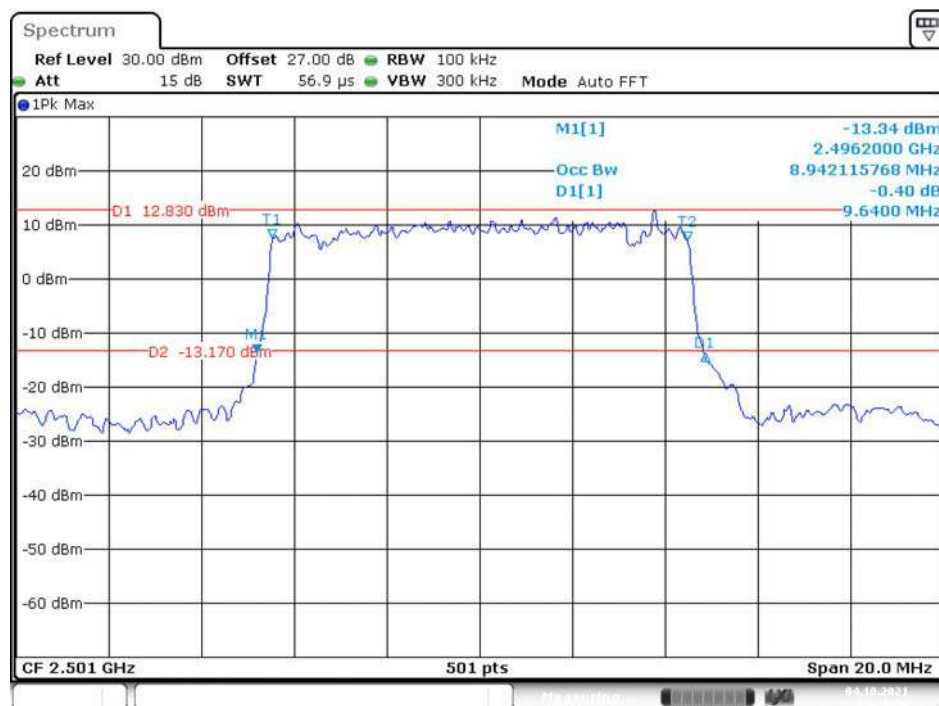
Date: 4.OCT.2021 14:21:20

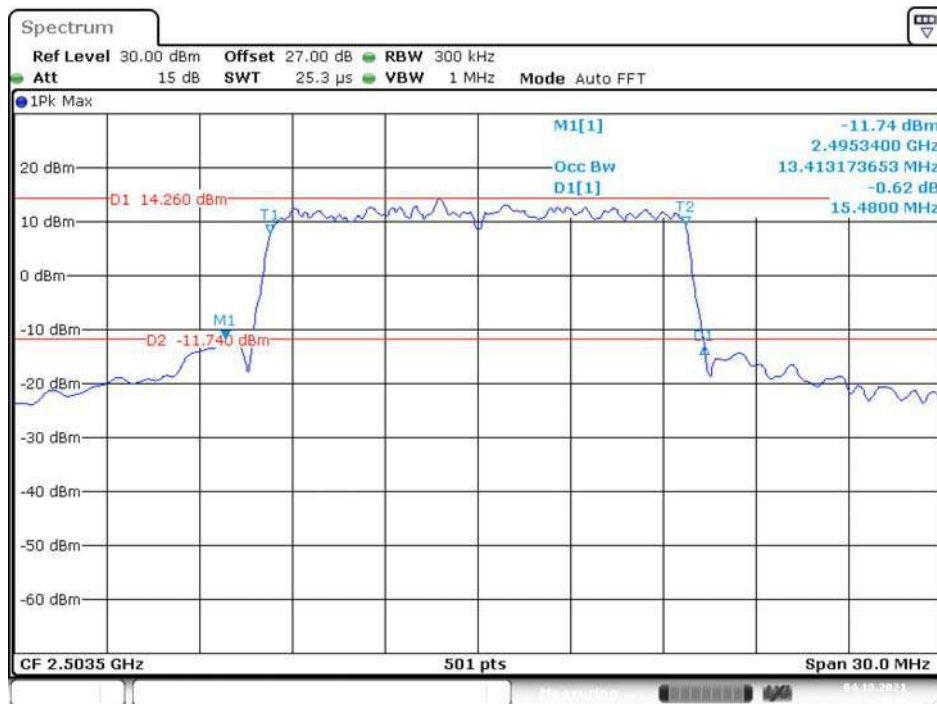
QPSK (15.0MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

Date: 4.OCT.2021 14:24:15

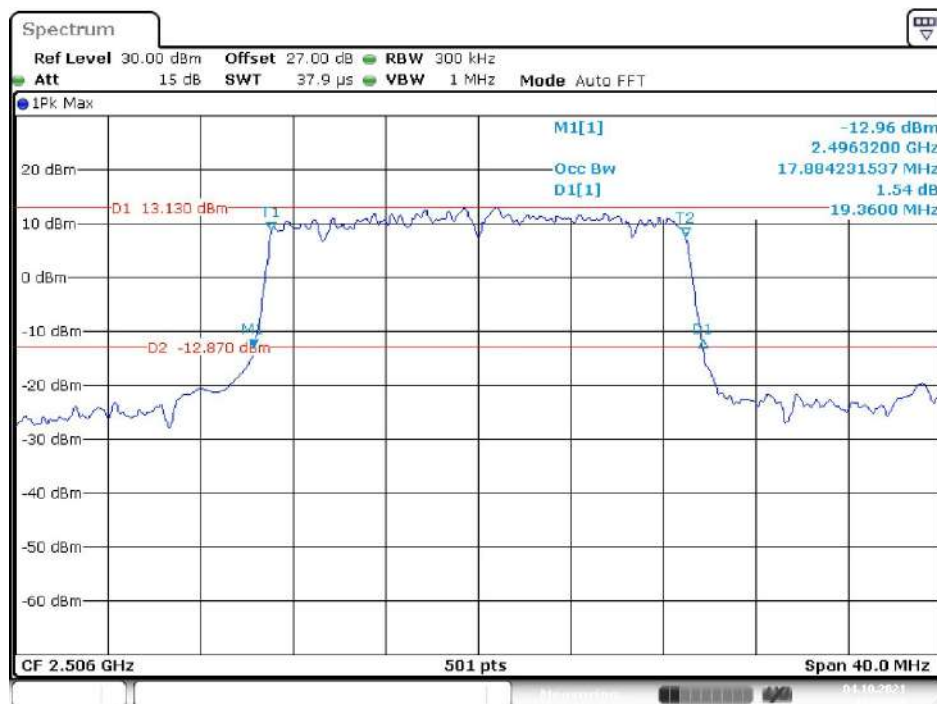
QPSK (20.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

Date: 4.OCT.2021 14:27:05

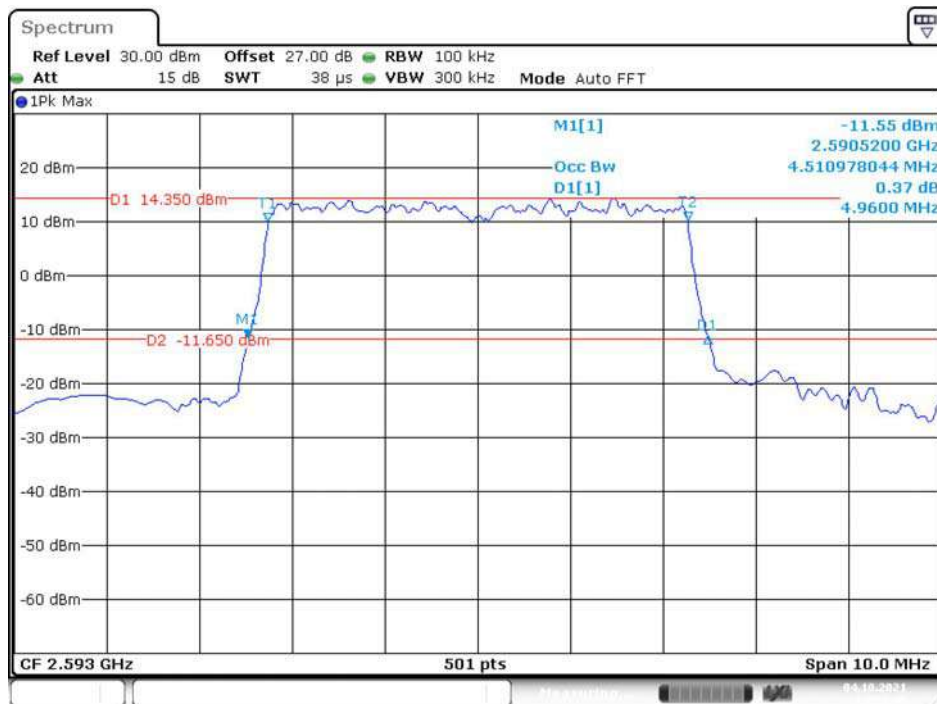
16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

16-QAM (15.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

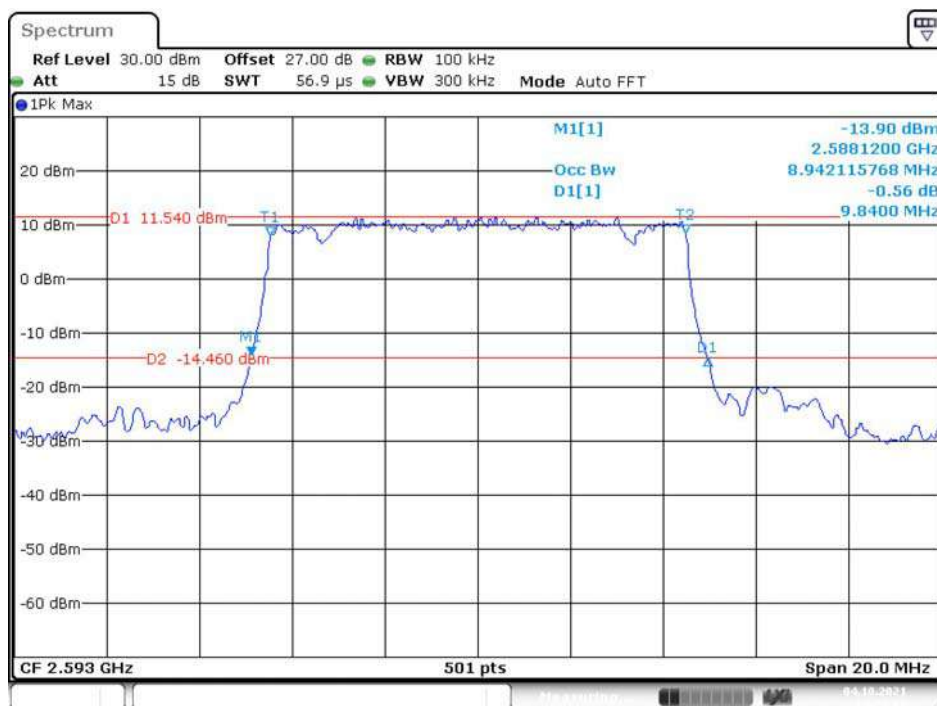
Date: 4.OCT.2021 14:24:42

16-QAM (20.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

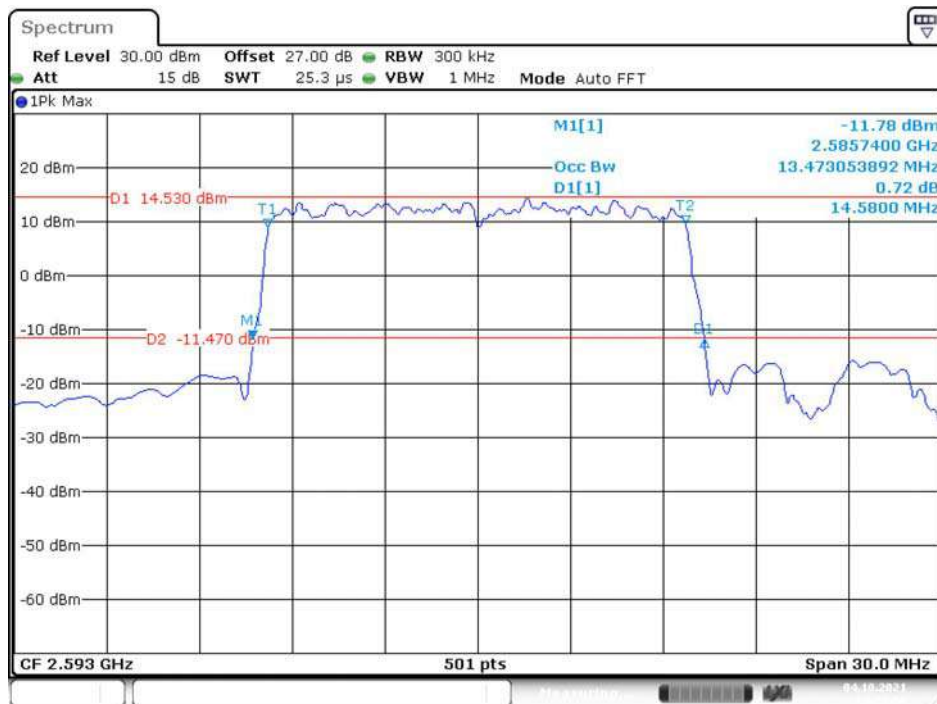
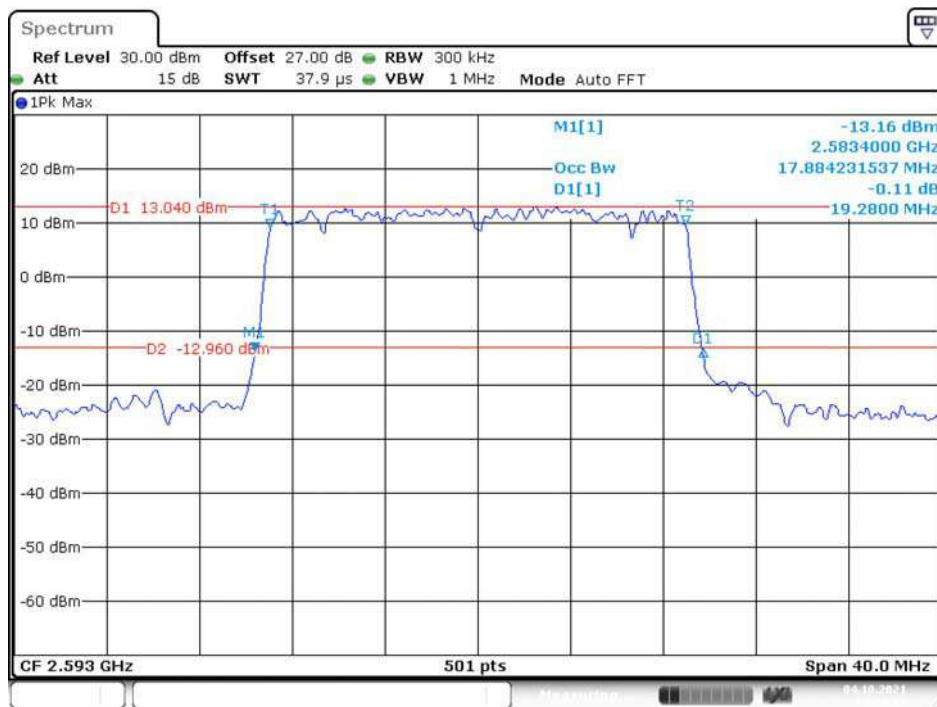
Date: 4 OCT.2021 14:27:47

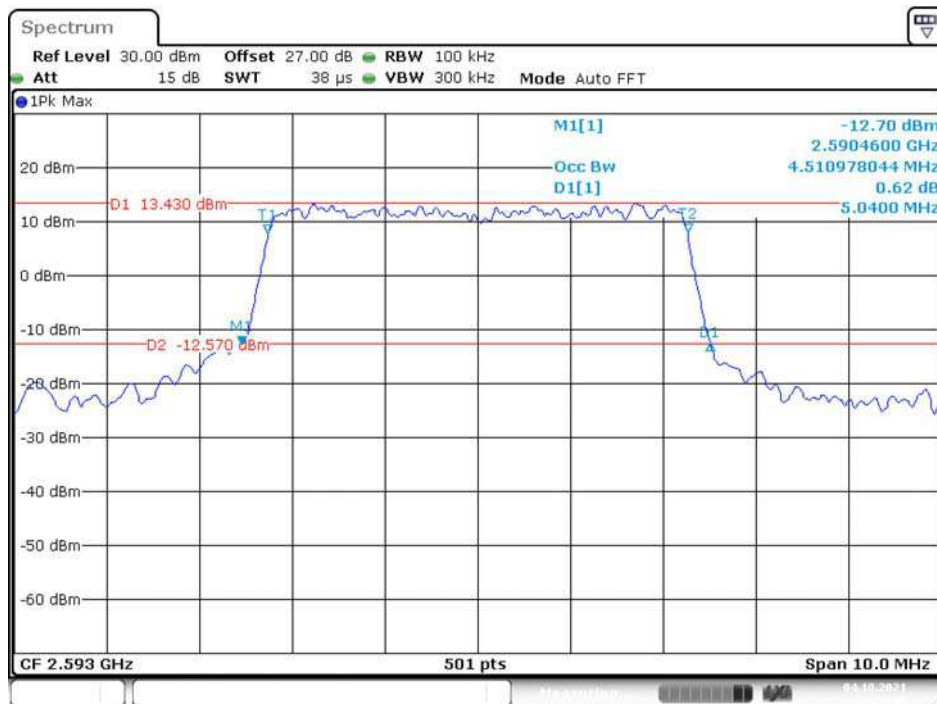
QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 4.OCT.2021 14:19:46

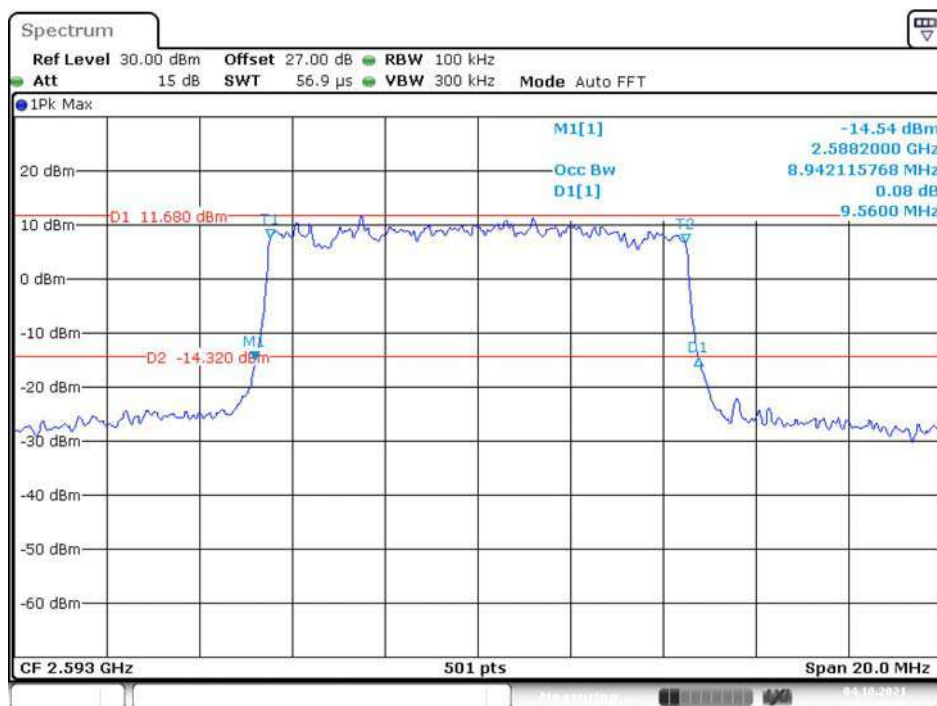
QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 4.OCT.2021 14:22:18

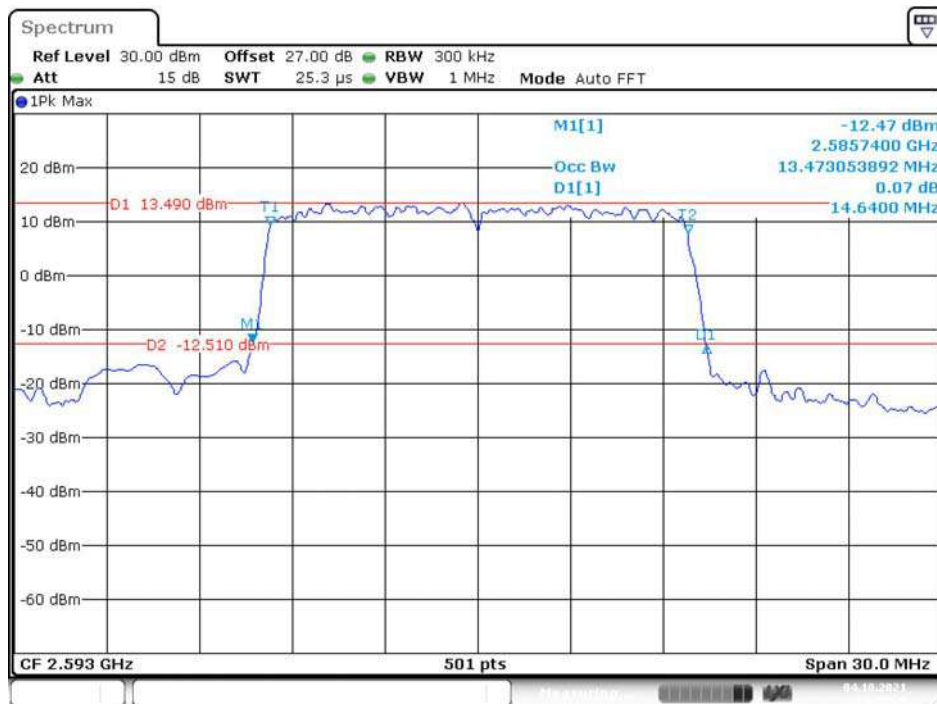
QPSK (15.0MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel**QPSK (20.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel**

16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

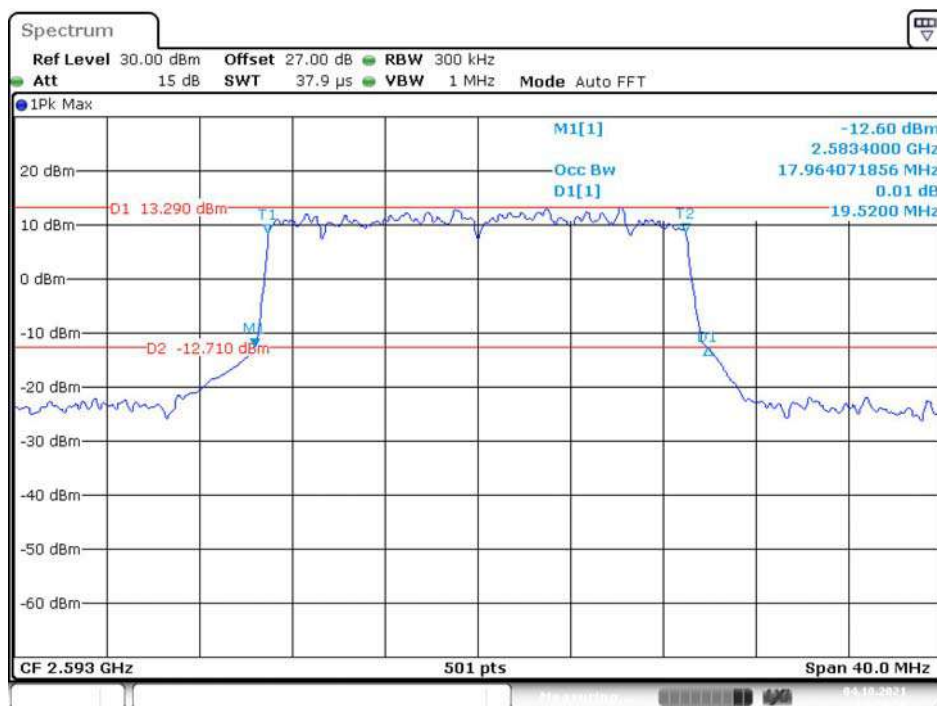
Date: 4.OCT.2021 14:20:09

16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

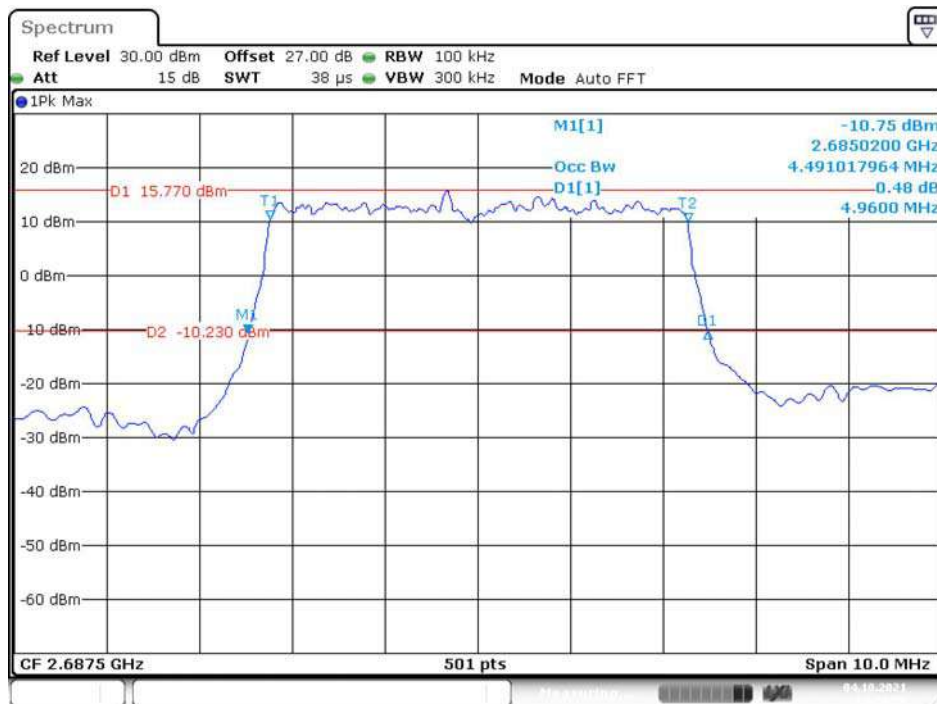
Date: 4.OCT.2021 14:22:40

16-QAM (15.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

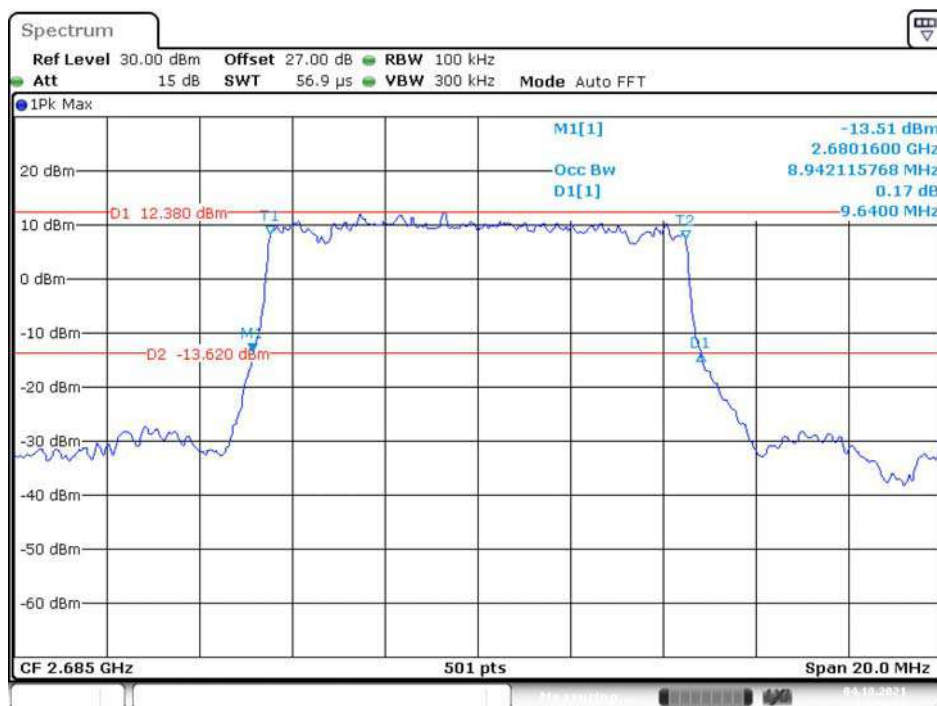
Date: 4.OCT.2021 14:25:30

16-QAM (20.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

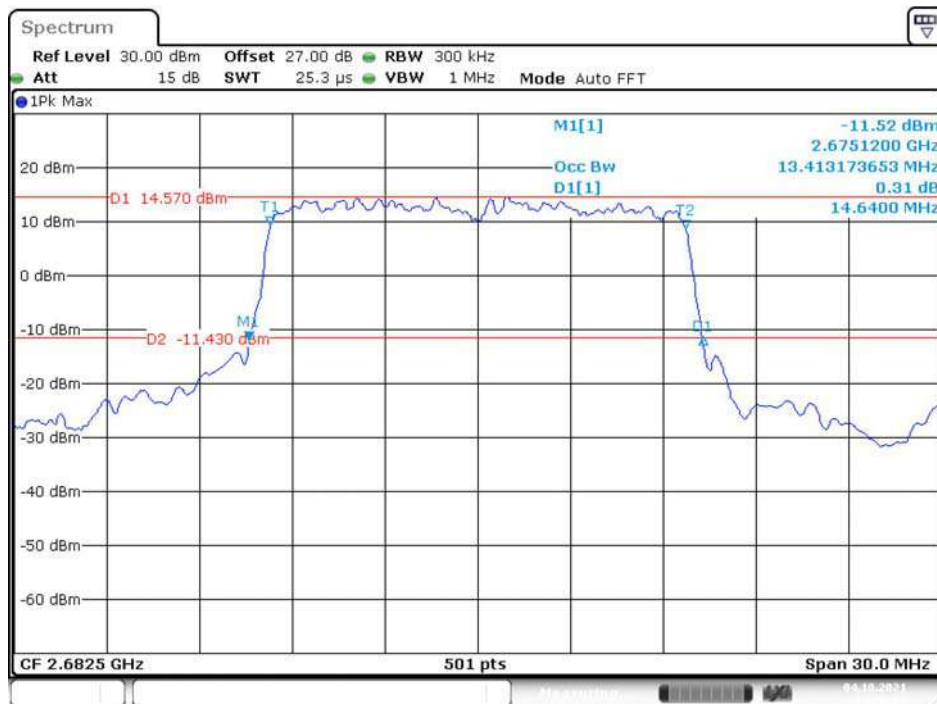
Date: 4.OCT.2021 14:28:57

QPSK (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

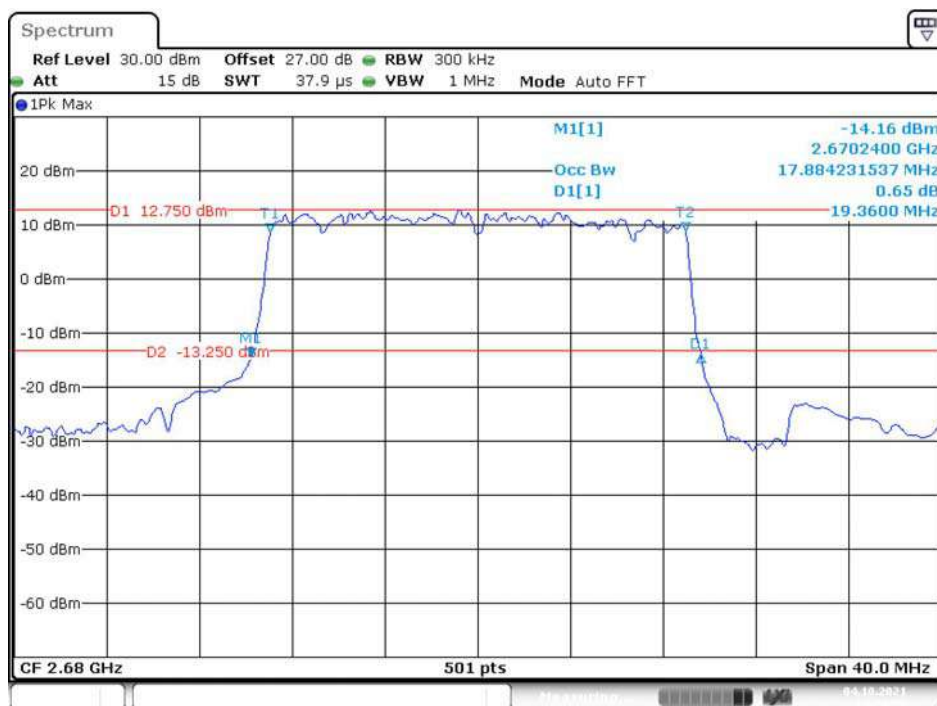
Date: 4.OCT.2021 14:20:30

QPSK (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

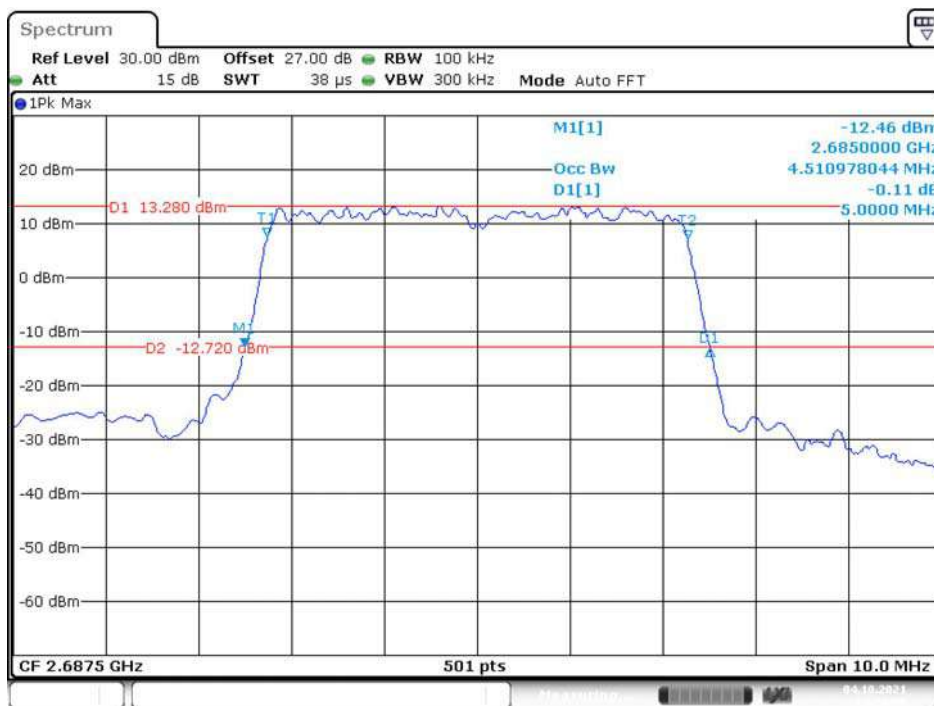
Date: 4.OCT.2021 14:23:08

QPSK (15.0MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

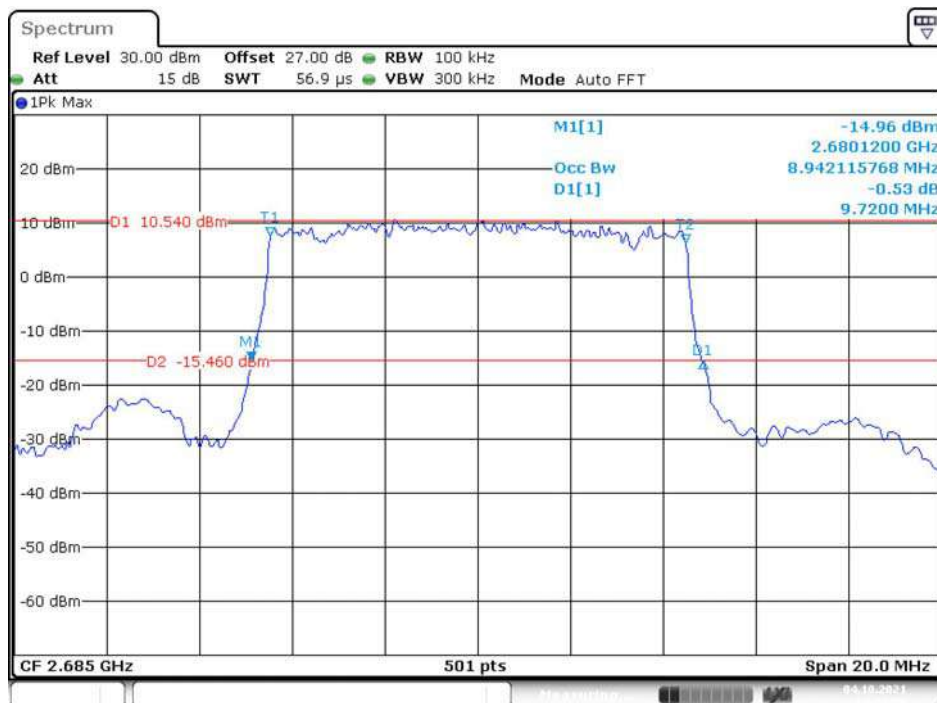
Date: 4.OCT.2021 14:26:03

QPSK (20.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

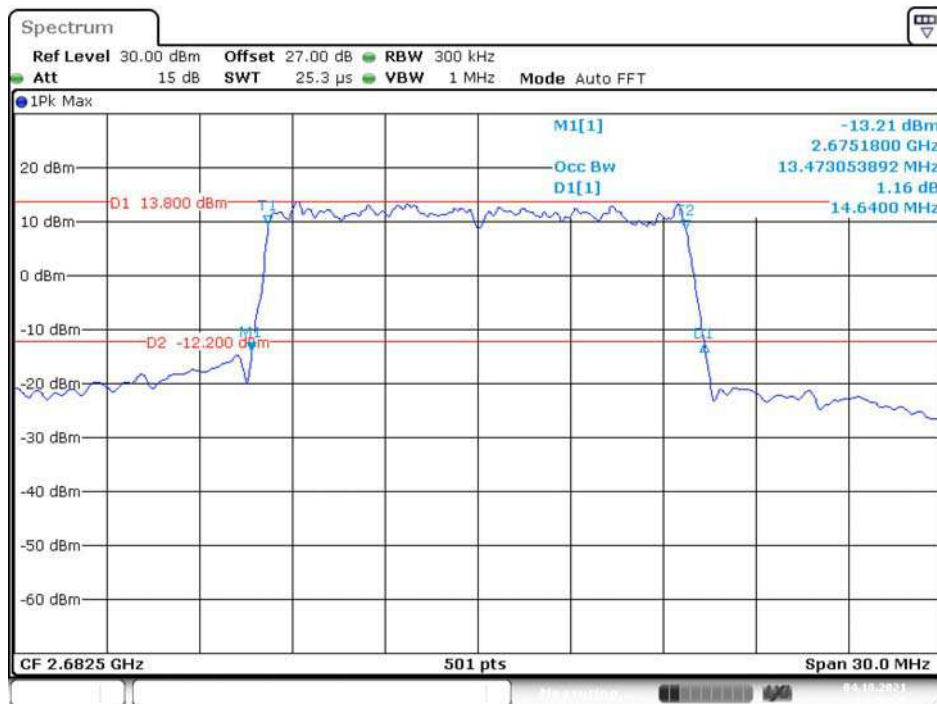
Date: 4.OCT.2021 14:29:24

16-QAM (5.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

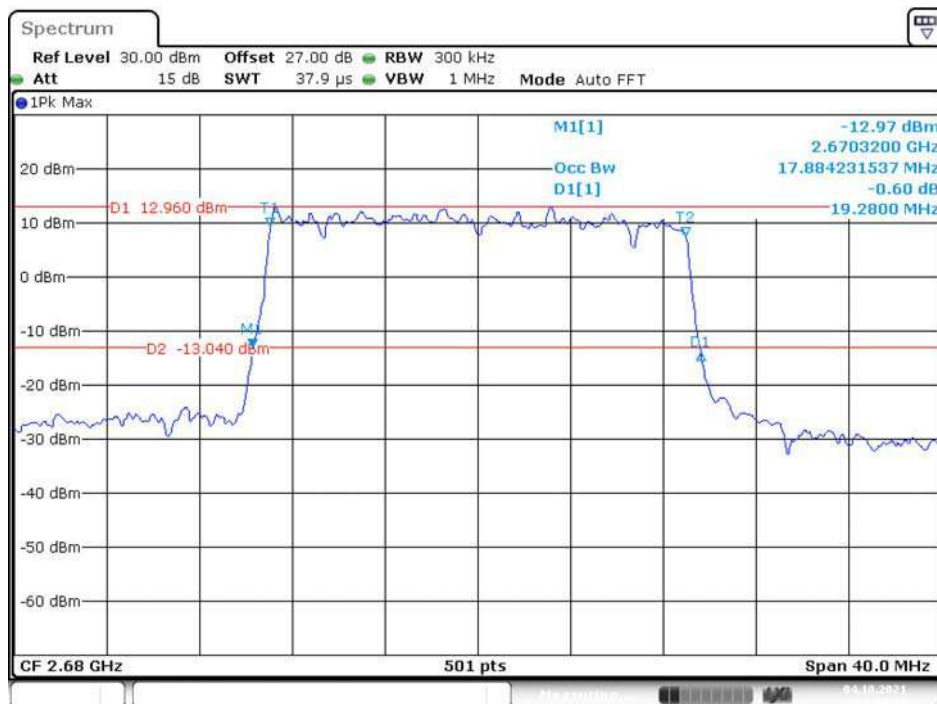
Date: 4.OCT.2021 14:20:50

16-QAM (10.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

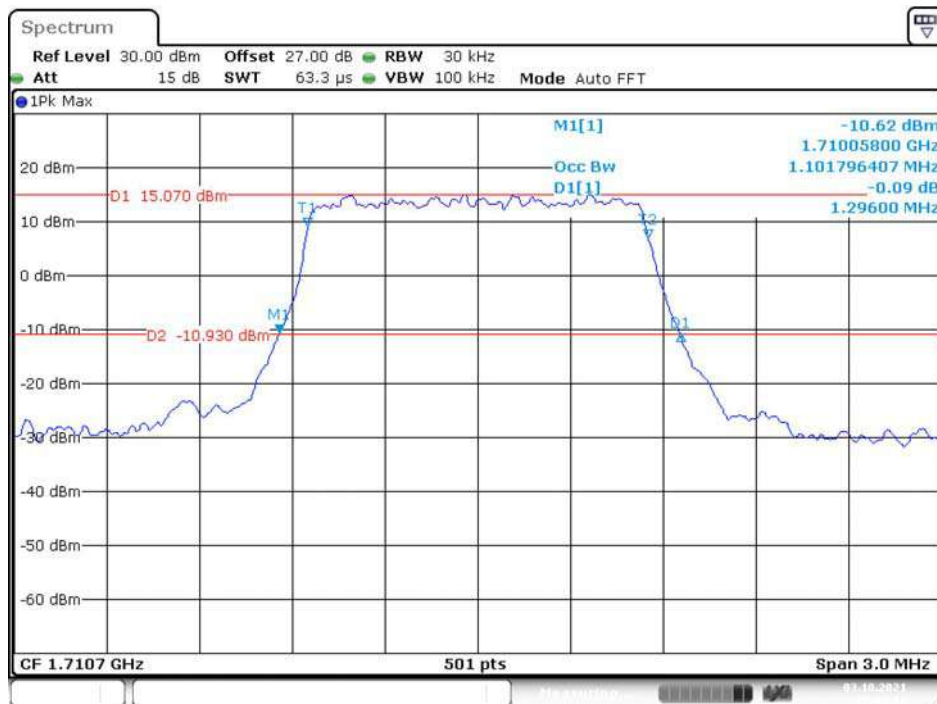
Date: 4.OCT.2021 14:23:38

16-QAM (15.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

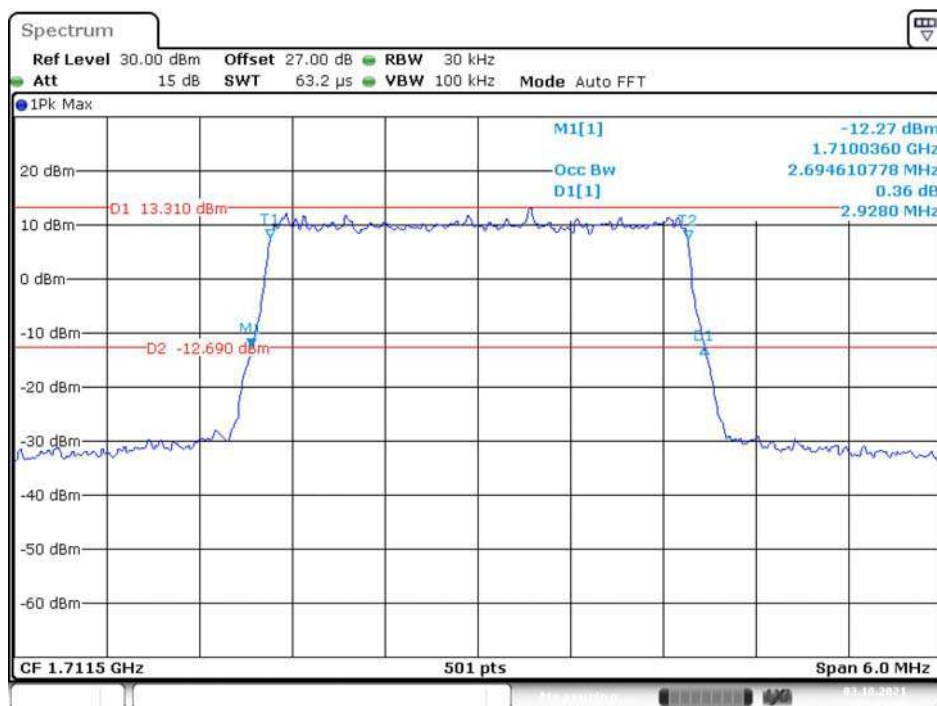
Date: 4.OCT.2021 14:26:30

16-QAM (20.0 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

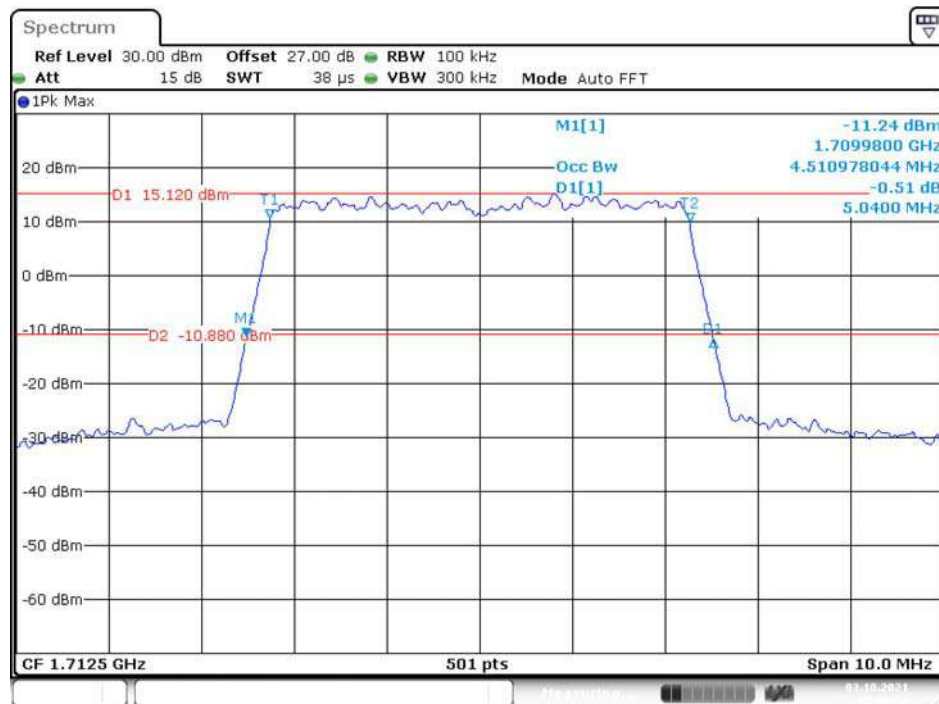
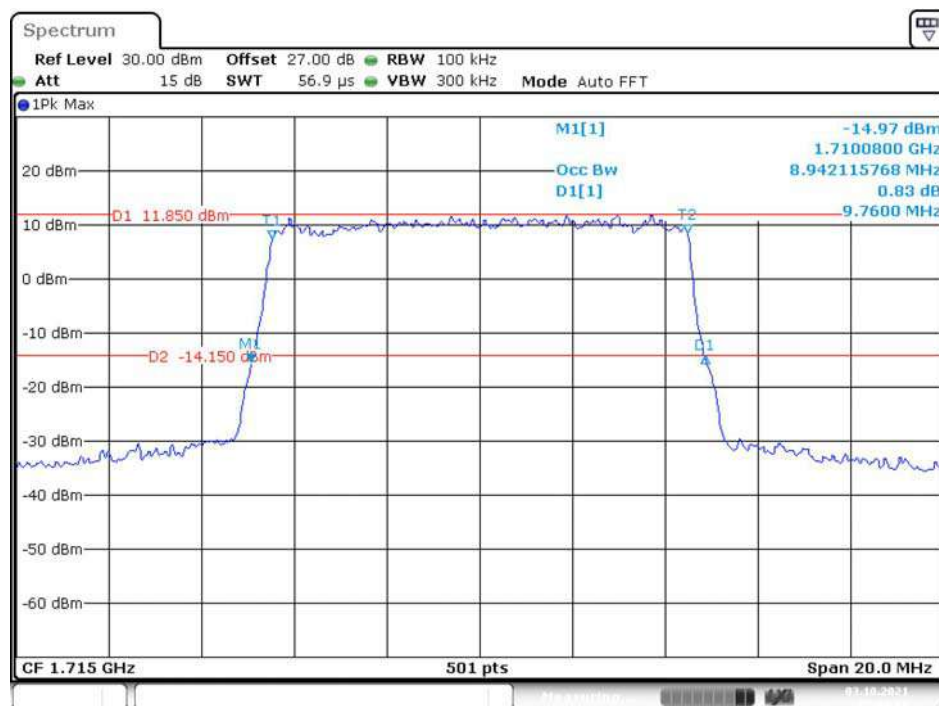
Date: 4.OCT.2021 14:30:03

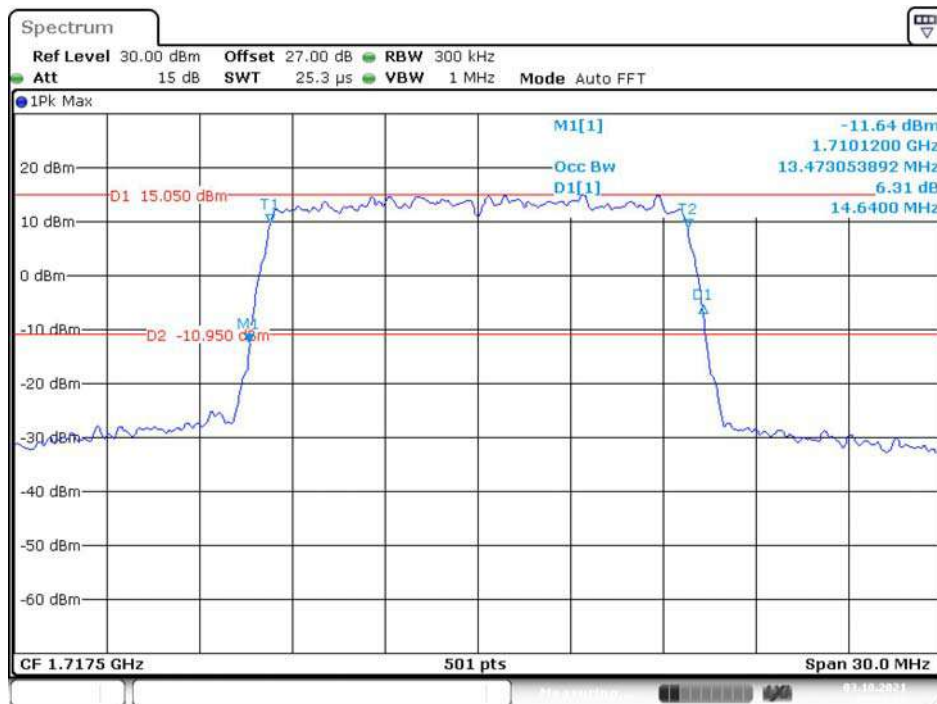
LTE Band 66**QPSK (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

Date: 3.OCT.2021 12:03:12

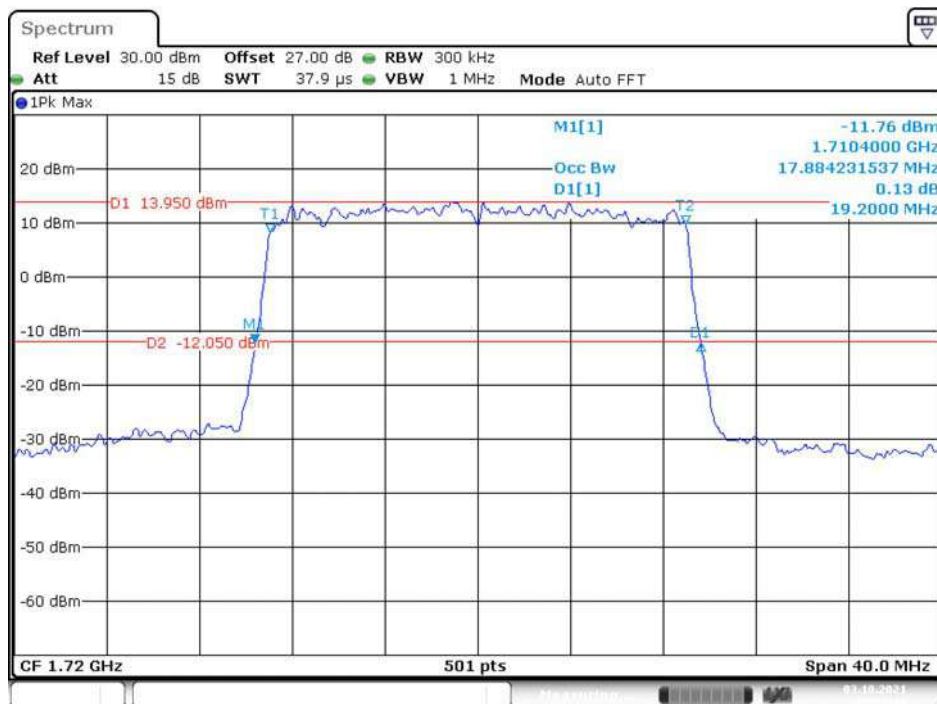
QPSK (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

Date: 3.OCT.2021 12:05:05

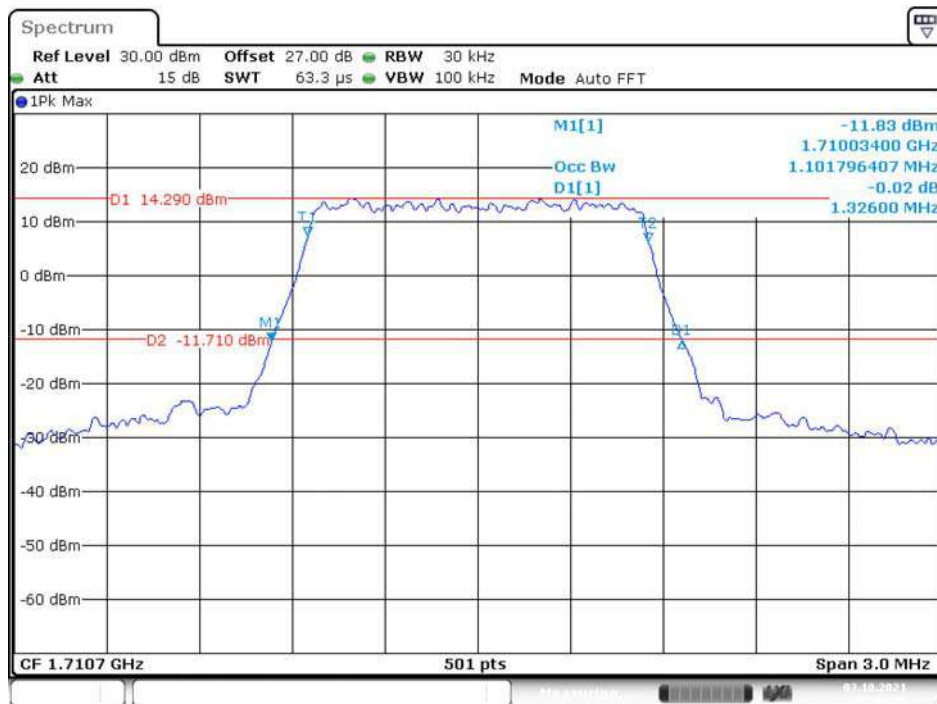
QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

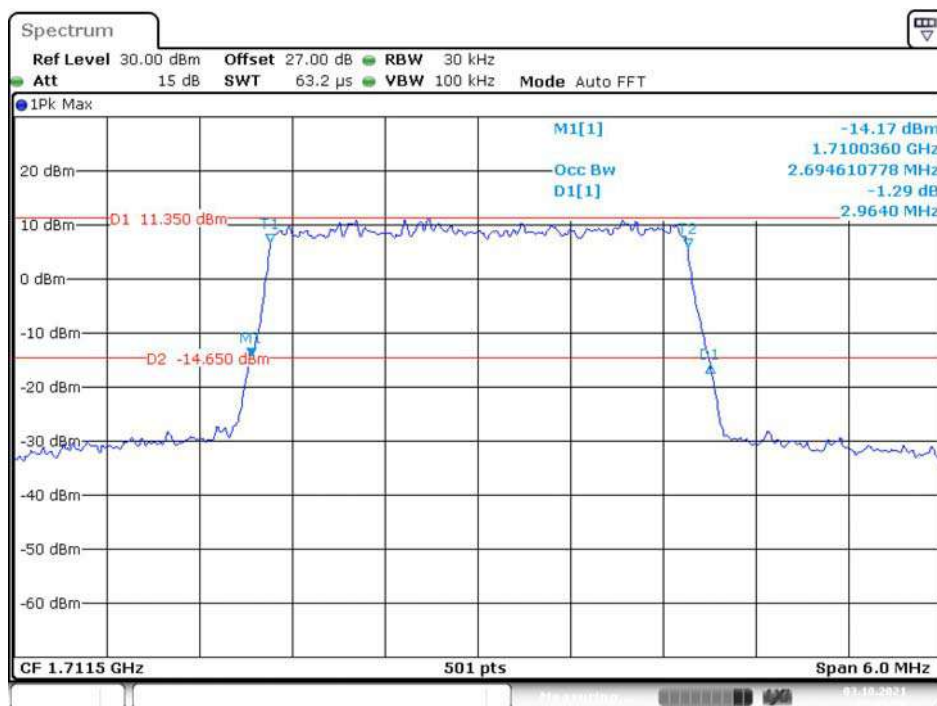
Date: 3.OCT.2021 12:12:07

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

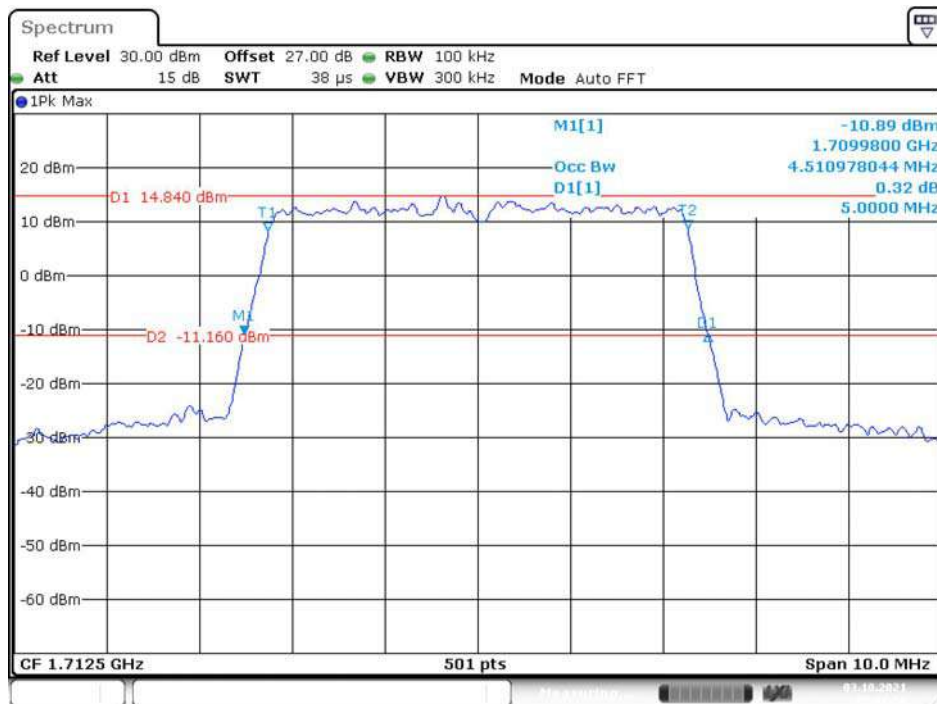
Date: 3.OCT.2021 12:15:41

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

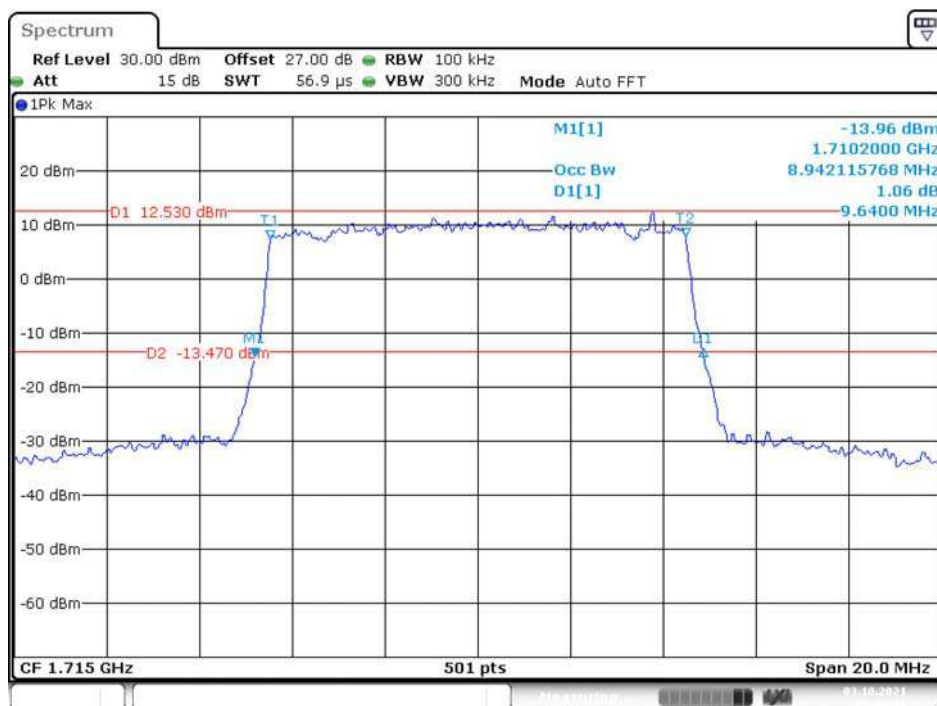
Date: 3.OCT.2021 12:03:26

16-QAM (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

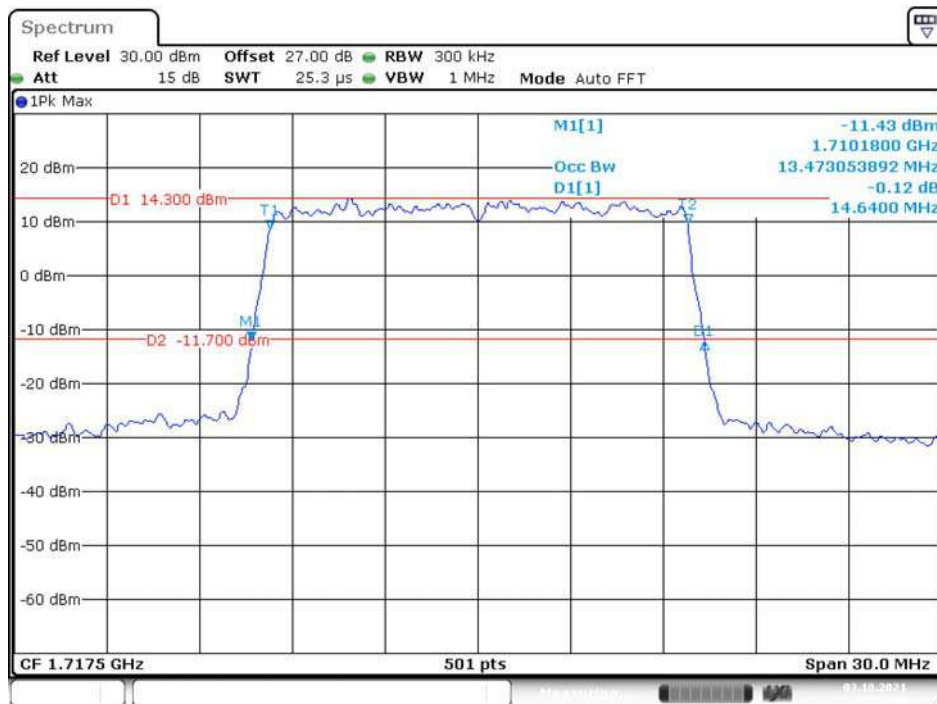
Date: 3.OCT.2021 12:05:22

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

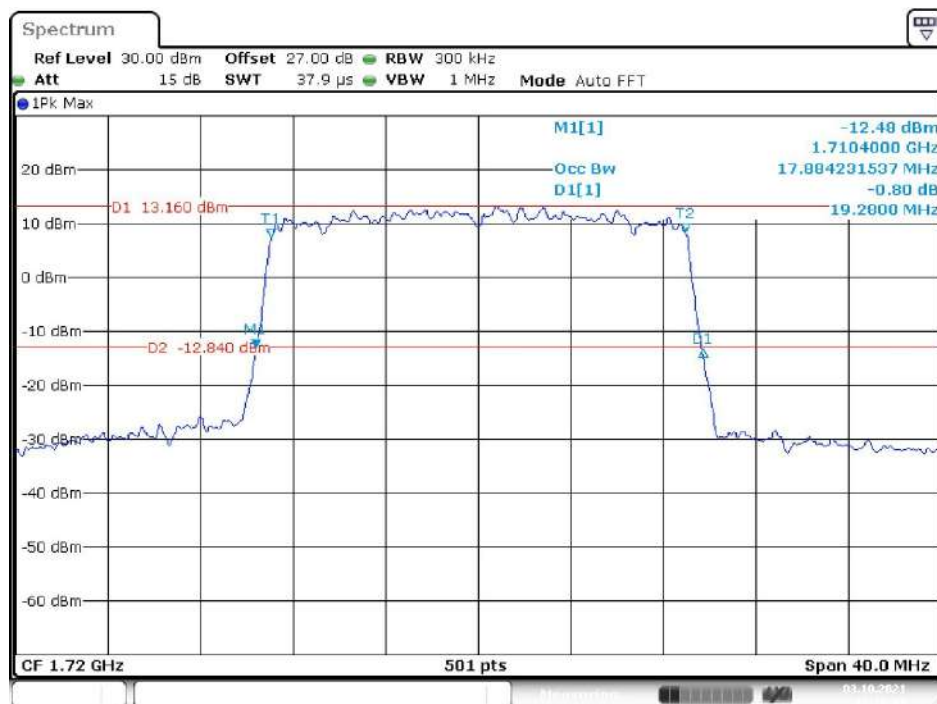
Date: 3.OCT.2021 12:07:18

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

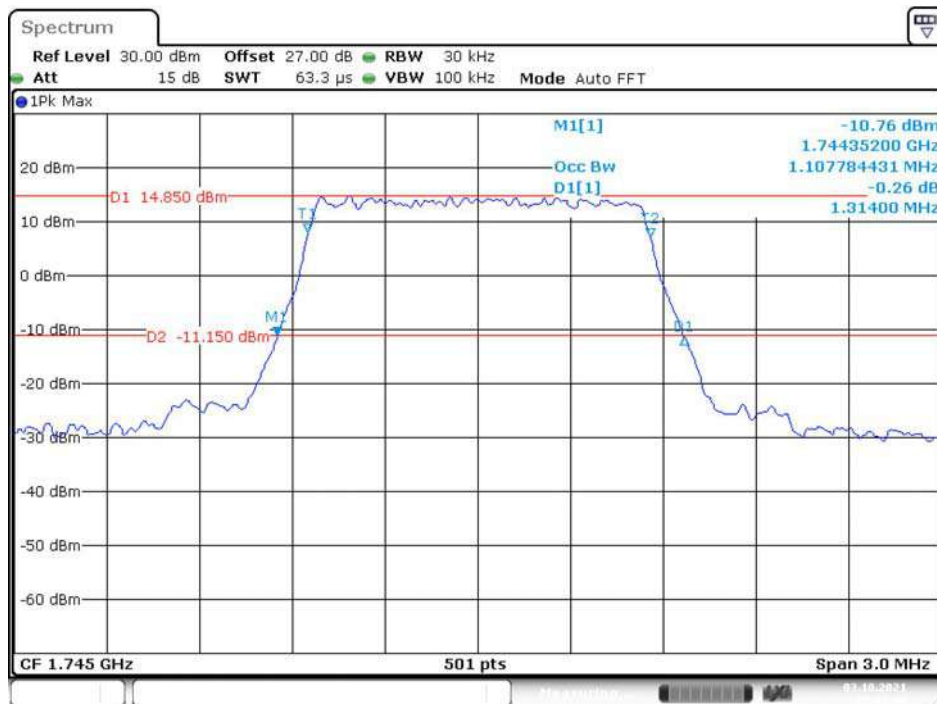
Date: 3.OCT.2021 12:09:41

16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

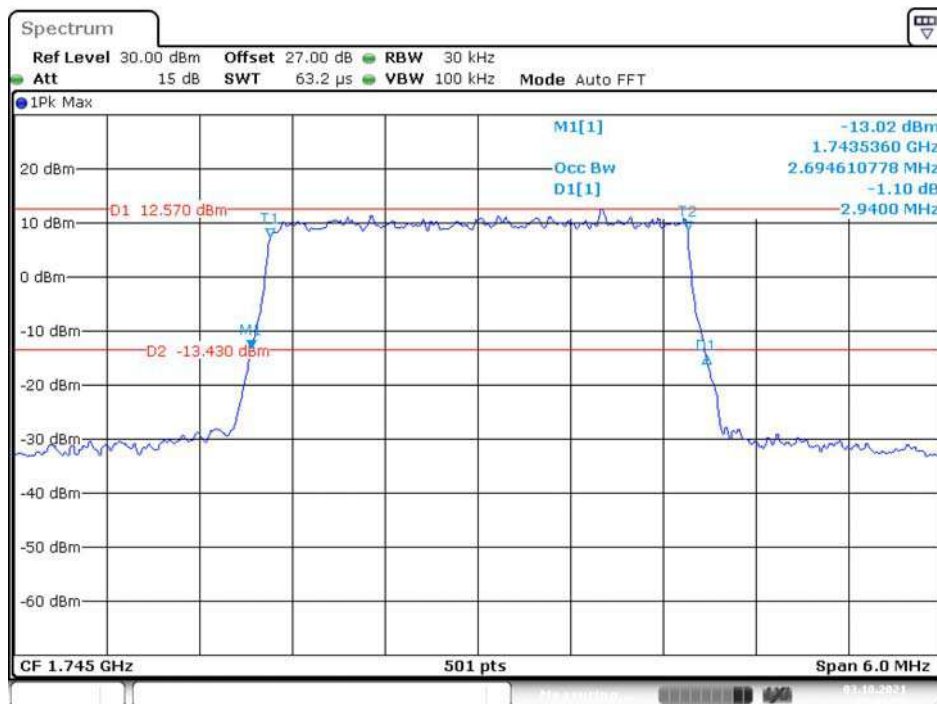
Date: 3.OCT.2021 12:12:43

16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

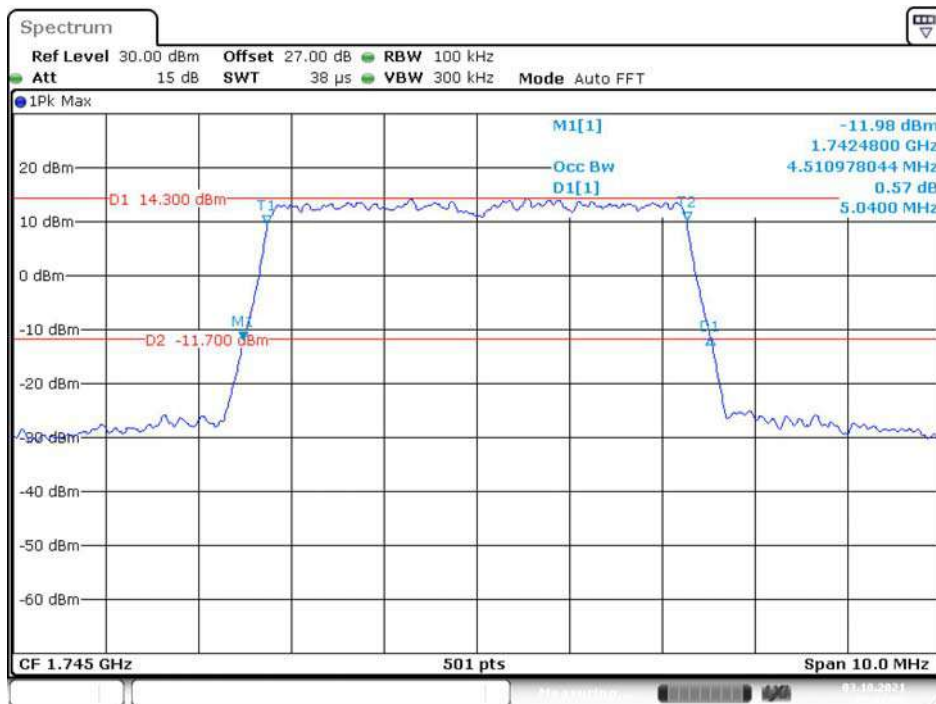
Date: 3.OCT.2021 12:16:17

QPSK (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

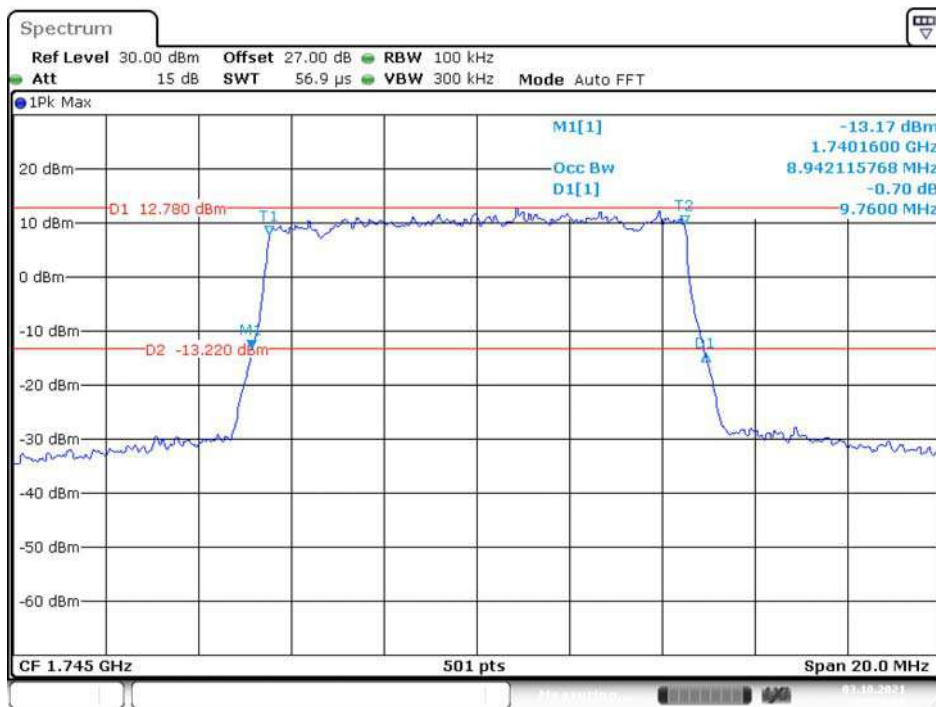
Date: 3.OCT.2021 12:03:44

QPSK (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

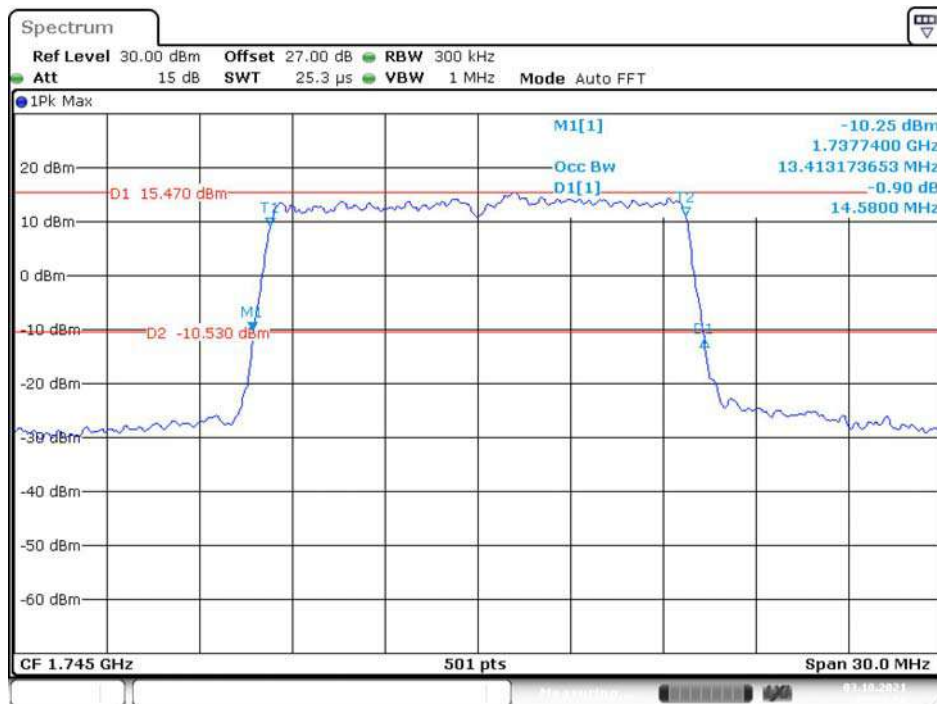
Date: 3.OCT.2021 12:05:37

QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

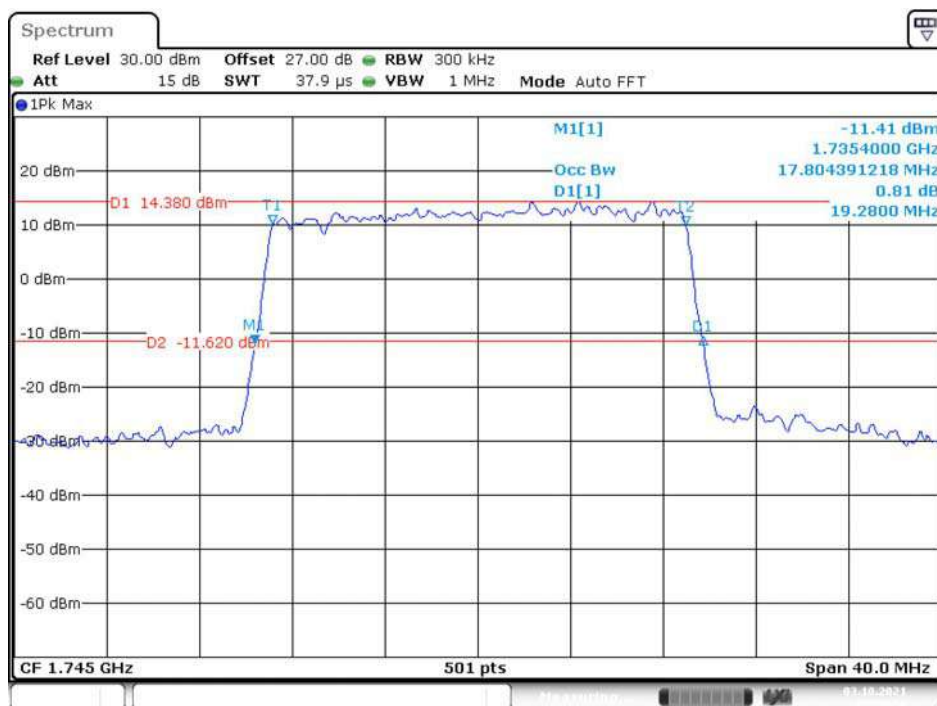
Date: 3.OCT.2021 12:07:42

QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

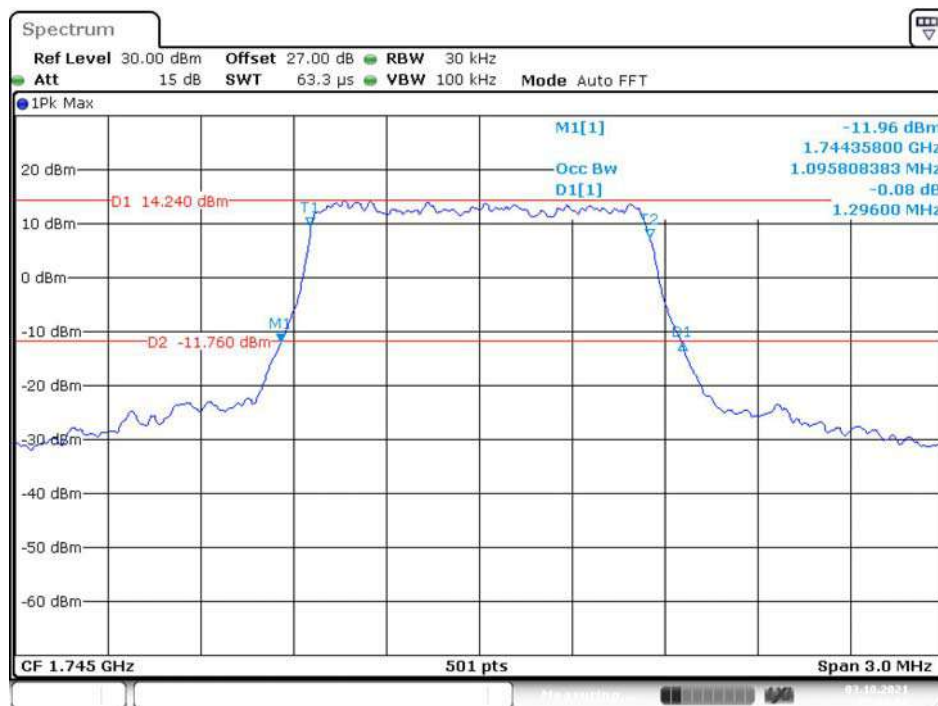
Date: 3.OCT.2021 12:10:09

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

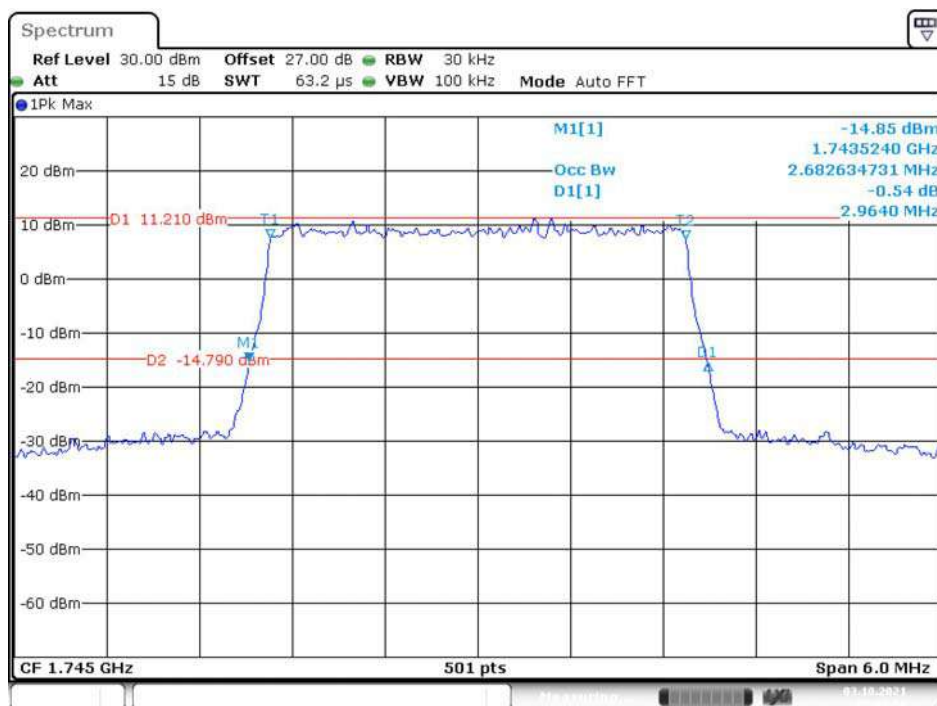
Date: 3.OCT.2021 12:13:21

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

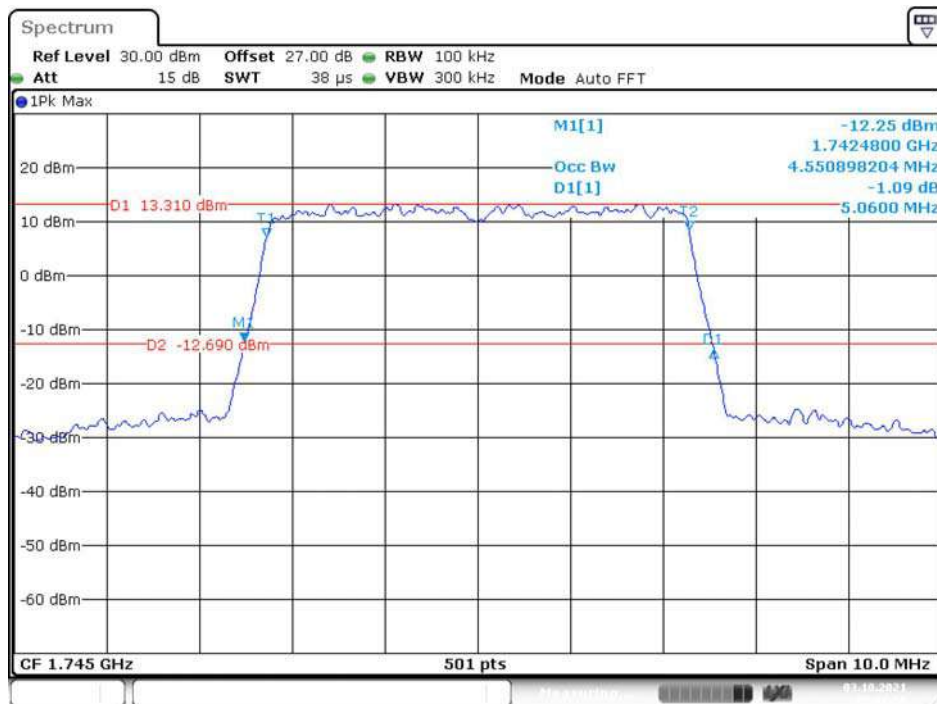
Date: 3.OCT.2021 12:16:58

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

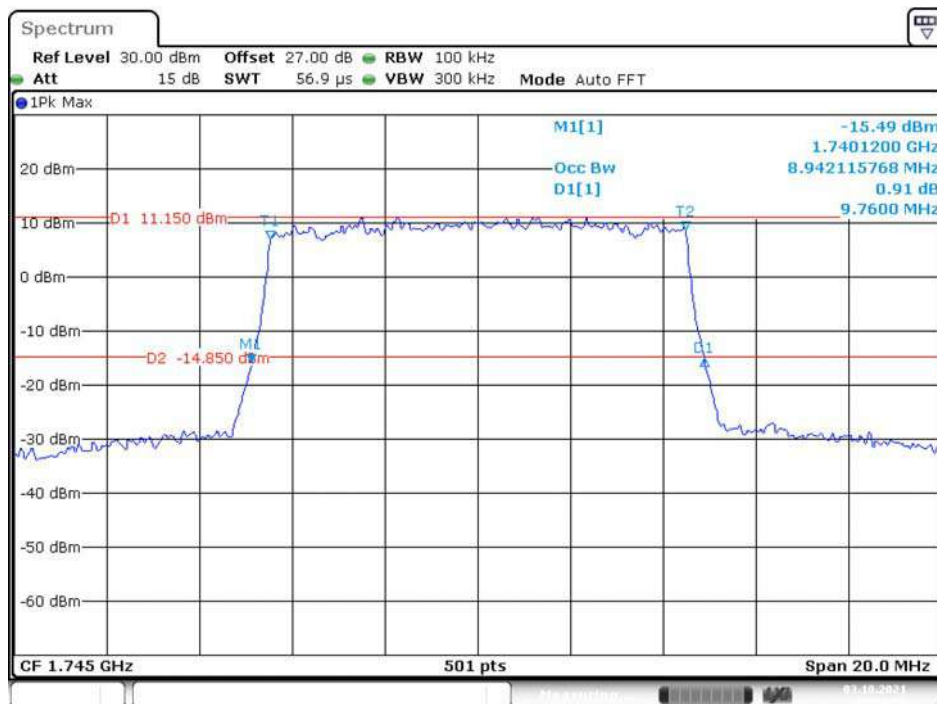
Date: 3.OCT.2021 12:04:08

16-QAM (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 3.OCT.2021 12:05:51

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 3.OCT.2021 12:08:00

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

Date: 3.OCT.2021 12:10:34

Spectrum

Ref Level 30.00 dBm Offset 27.00 dB RBW 300 kHz
 Att 15 dB SWT 25.3 μ s VBW 1 MHz Mode Auto FFT

1Pk Max

M1[1] -12.61 dBm
 1.7376800 GHz
 Occ Bw 13.473053892 MHz
 D1[1] -0.12 dB
 14.7000 MHz

D1 14.080 dBm
 T1
 D2 -11.920 dBm
 T2

CF 1.745 GHz 501 pts Span 30.0 MHz

Date: 3.OCT.2021 12:13:47

Spectrum

Ref Level 30.00 dBm Offset 27.00 dB RBW 300 kHz
 Att 15 dB SWT 37.9 μ s VBW 1 MHz Mode Auto FFT

1Pk Max

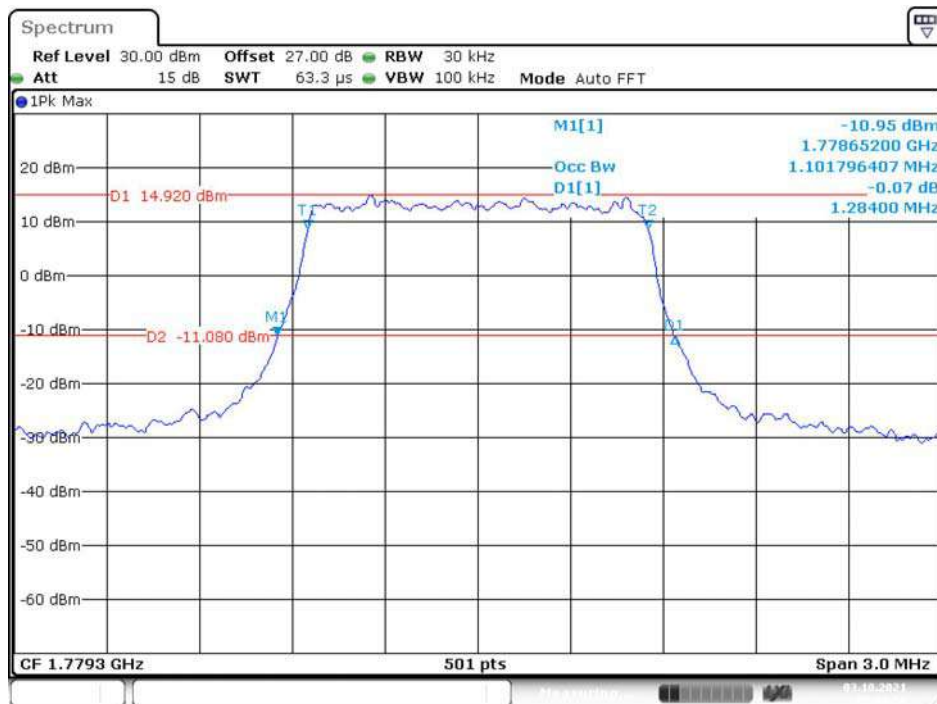
20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm

D1 12.860 dBm
 D2 -13.140 dBm

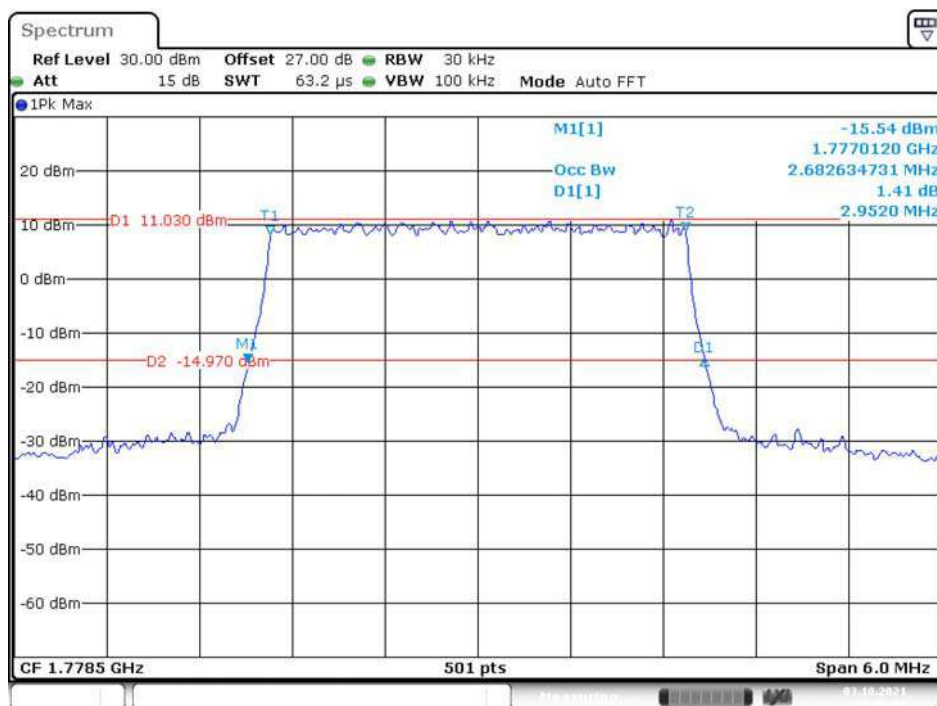
M1[1] -12.89 dBm
 1.7354000 GHz
 Occ Bw 17.804391218 MHz
 D1[1] -0.88 dB
 T2 19.3600 MHz

CF 1.745 GHz 501 pts Span 40.0 MHz

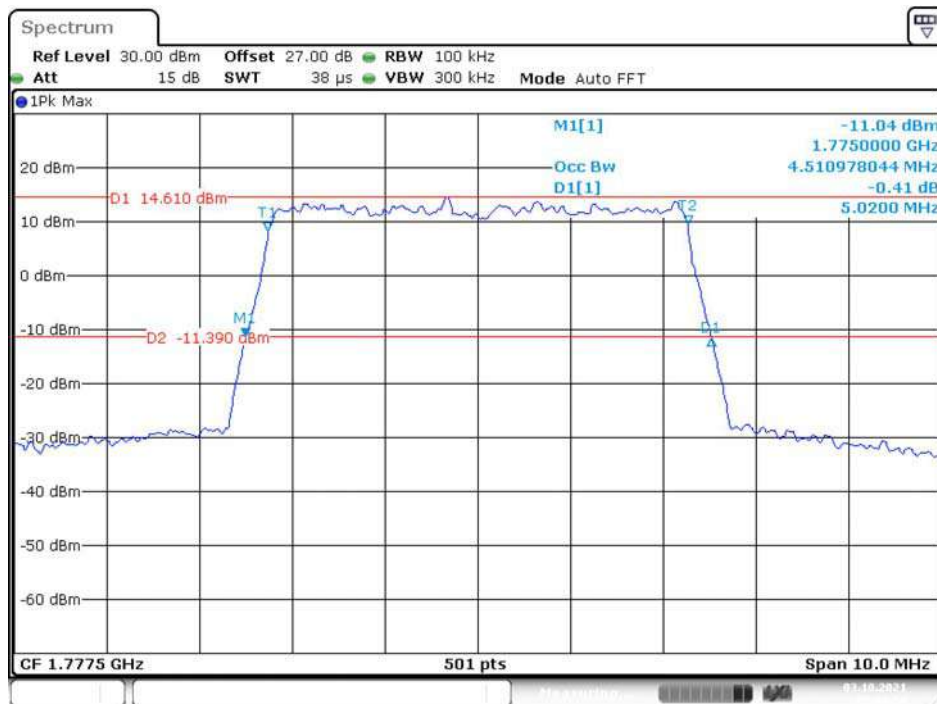
Date: 3.OCT.2021 12:17:28

QPSK (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

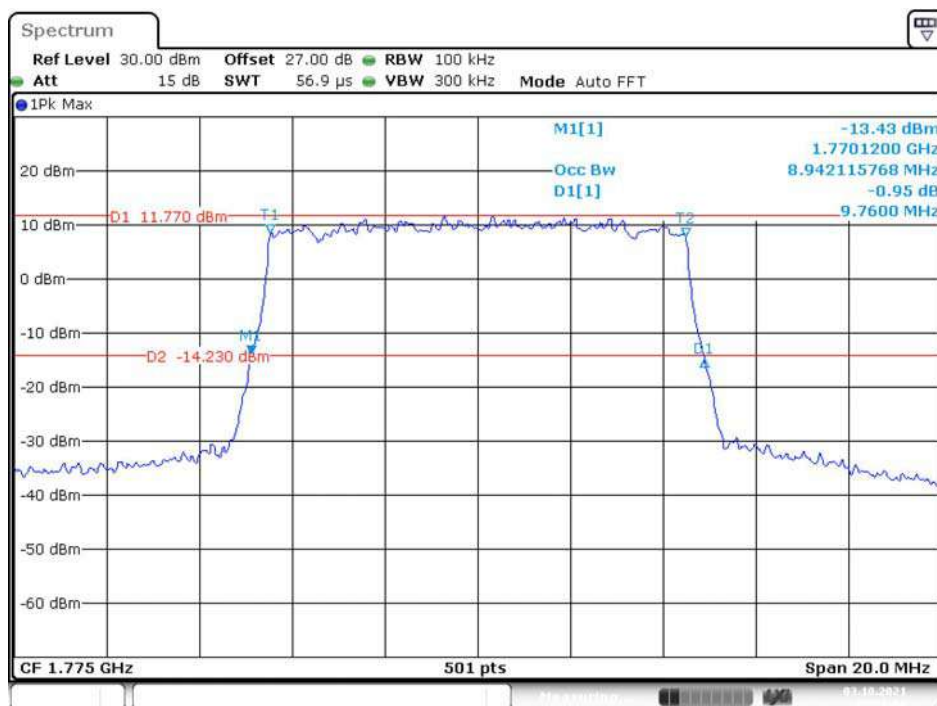
Date: 3.OCT.2021 12:04:26

QPSK (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

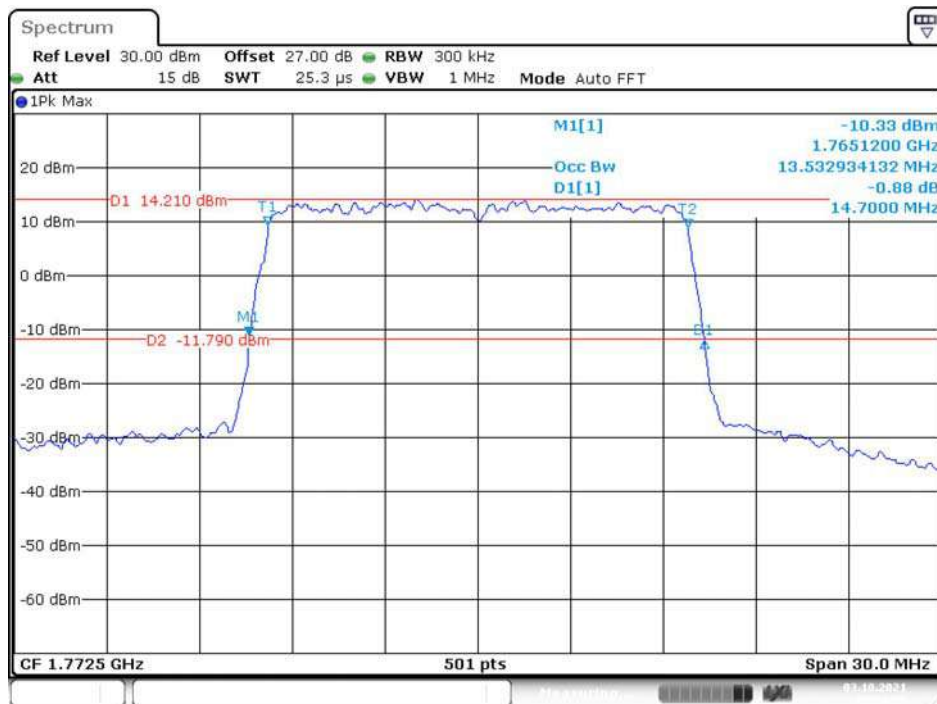
Date: 3.OCT.2021 12:06:09

QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

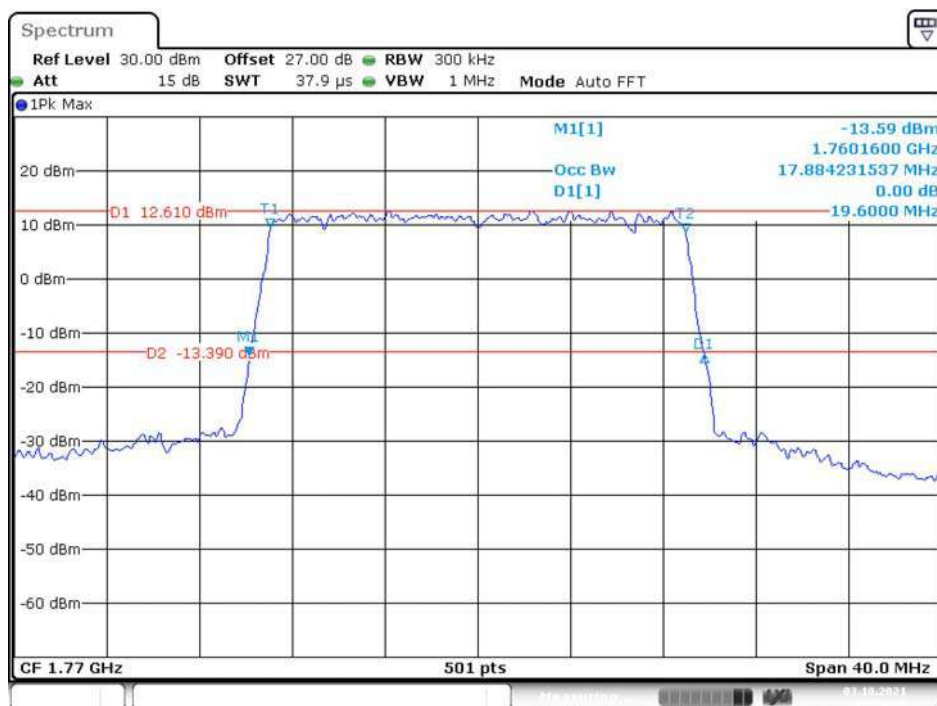
Date: 3.OCT.2021 12:08:24

QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

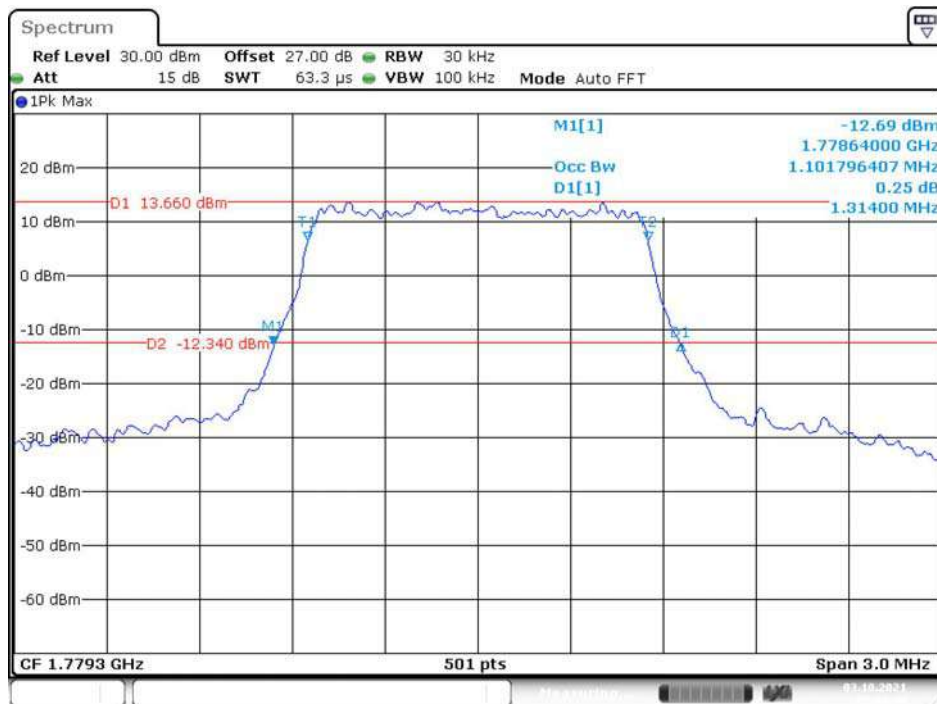
Date: 3.OCT.2021 12:11:06

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

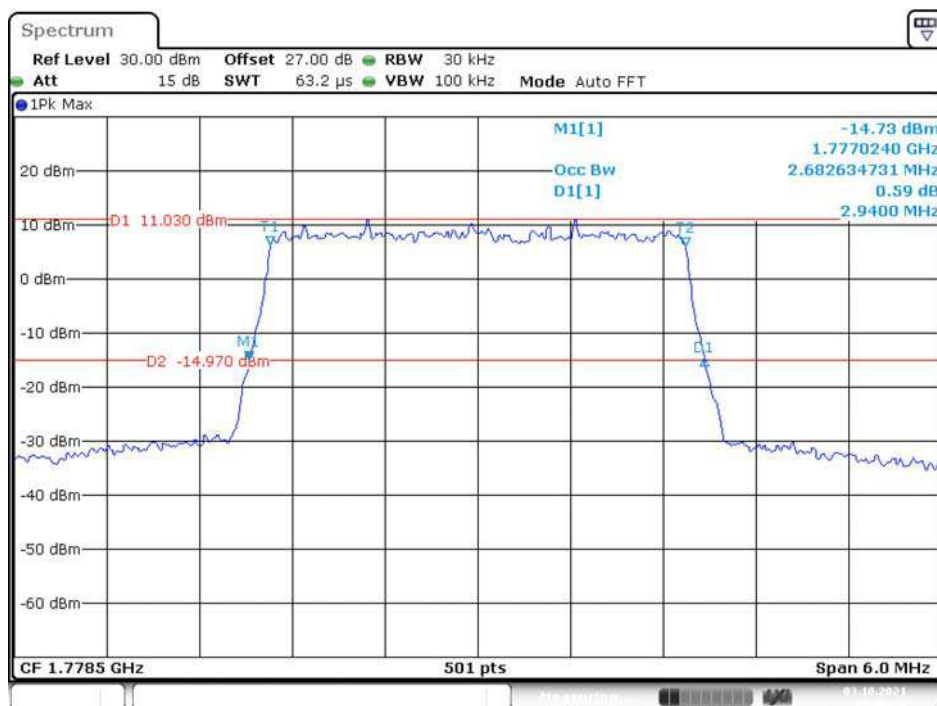
Date: 3.OCT.2021 12:14:25

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

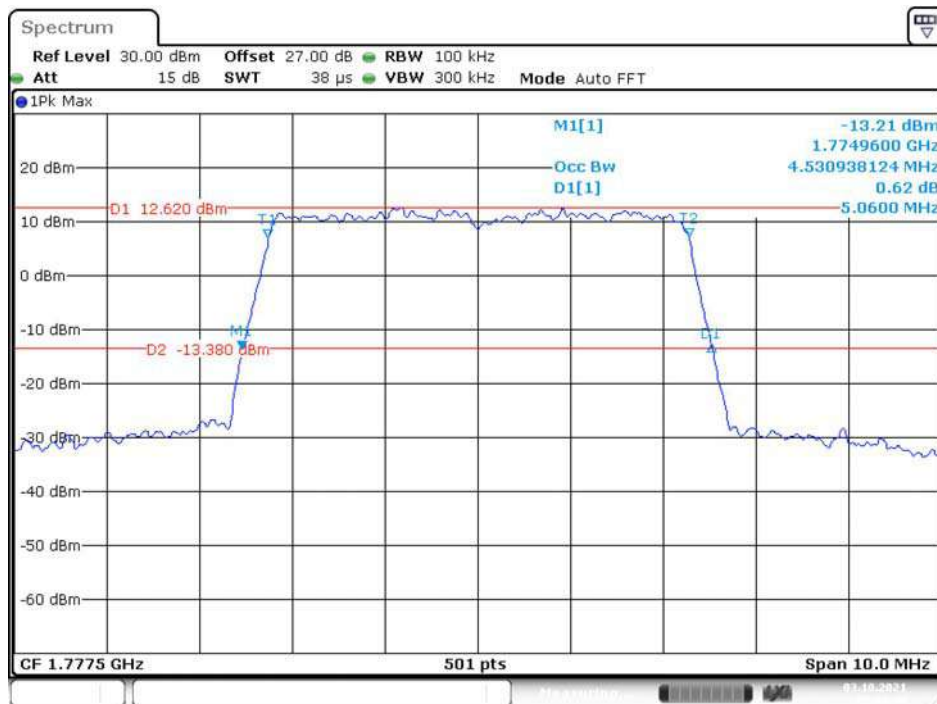
Date: 3.OCT.2021 12:18:05

16-QAM (1.4 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

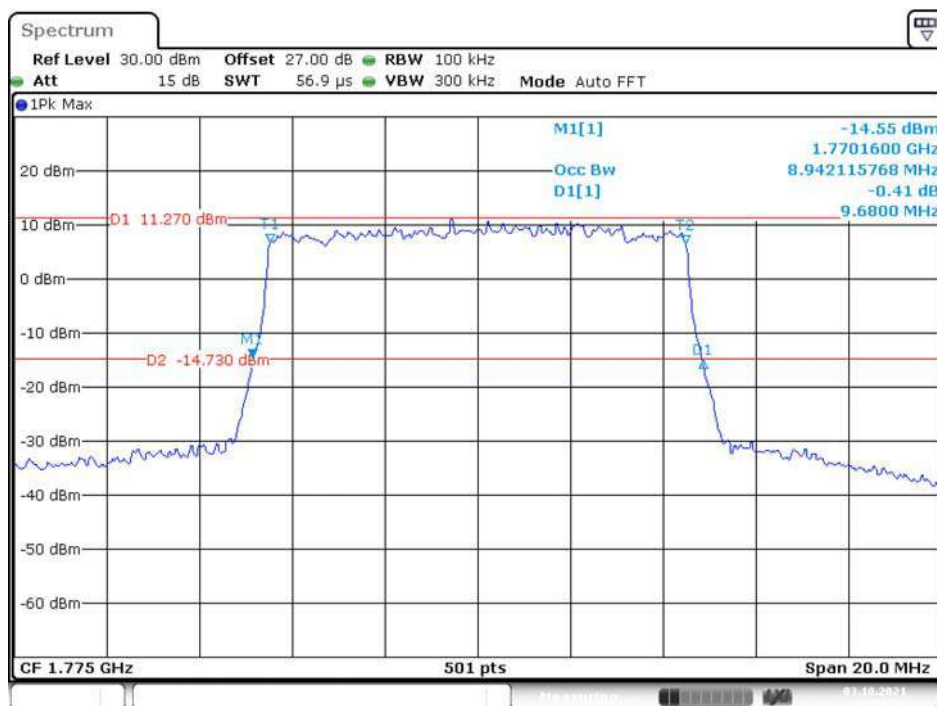
Date: 3.OCT.2021 12:04:44

16-QAM (3 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

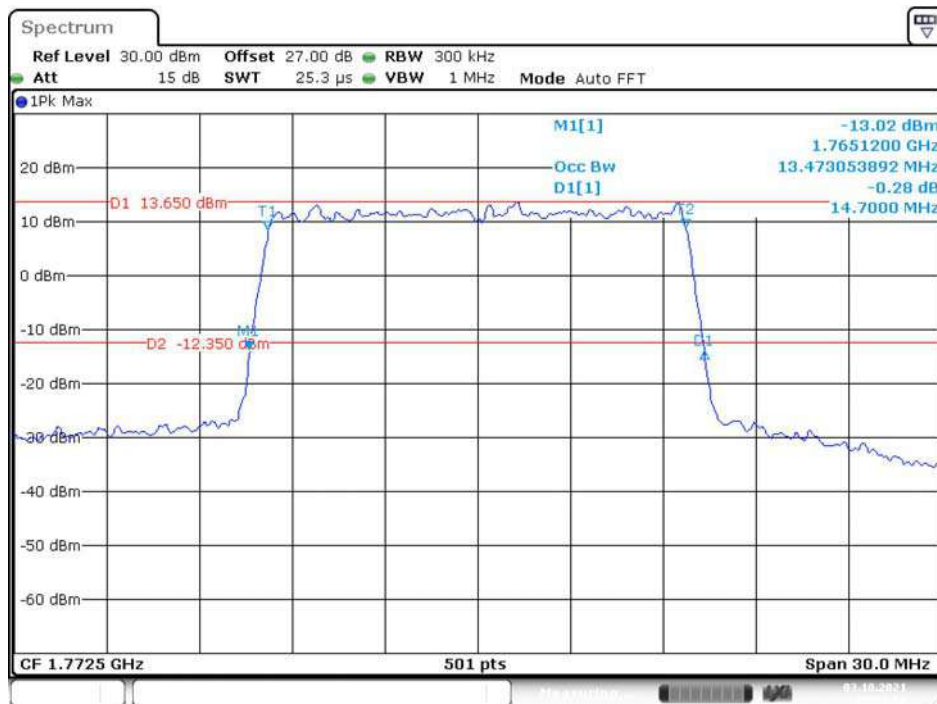
Date: 3.OCT.2021 12:06:27

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

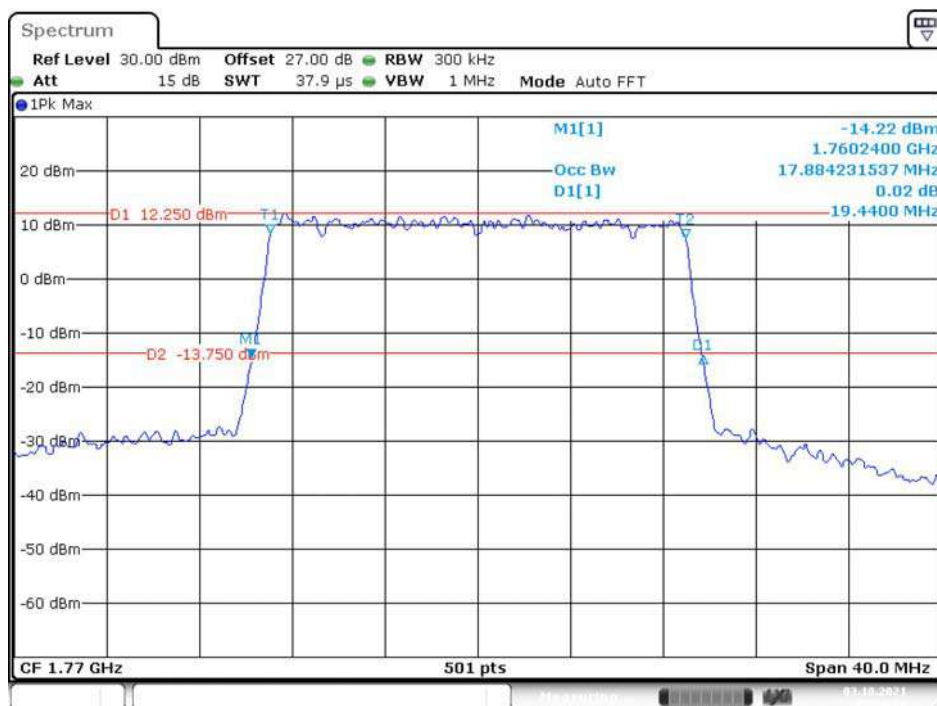
Date: 3.OCT.2021 12:08:44

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

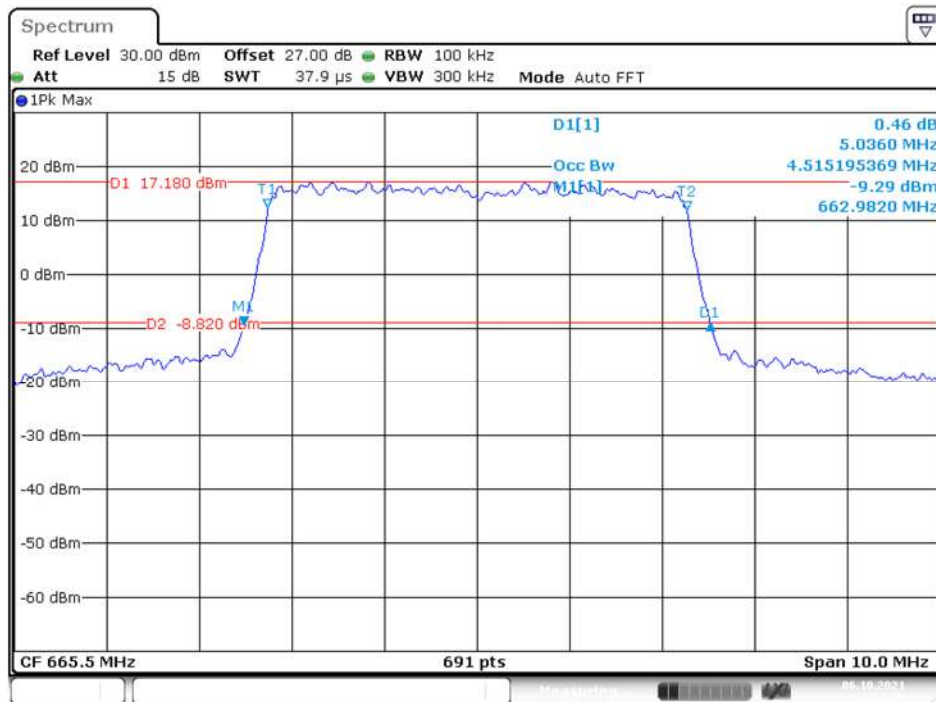
Date: 3.OCT.2021 12:11:30

16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

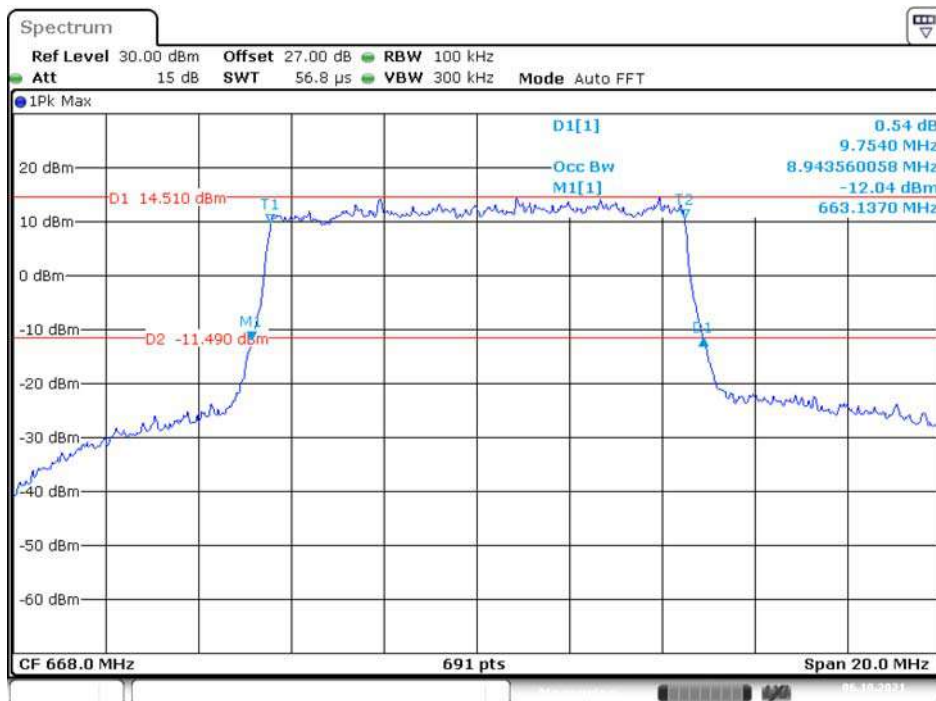
Date: 3.OCT.2021 12:15:01

16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

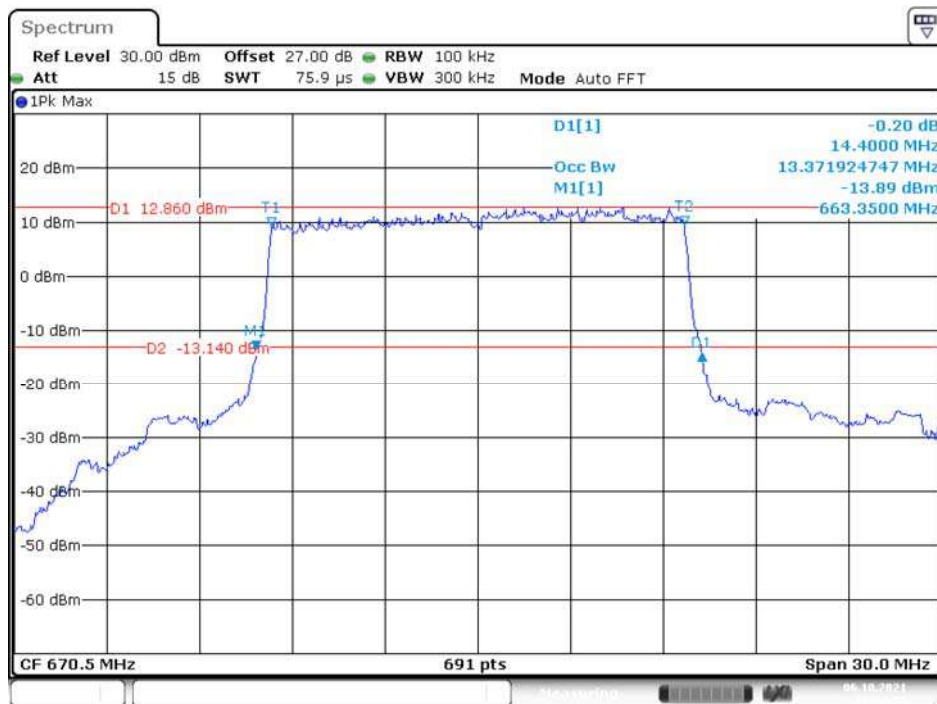
Date: 3.OCT.2021 12:18:32

LTE Band 71**QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel**

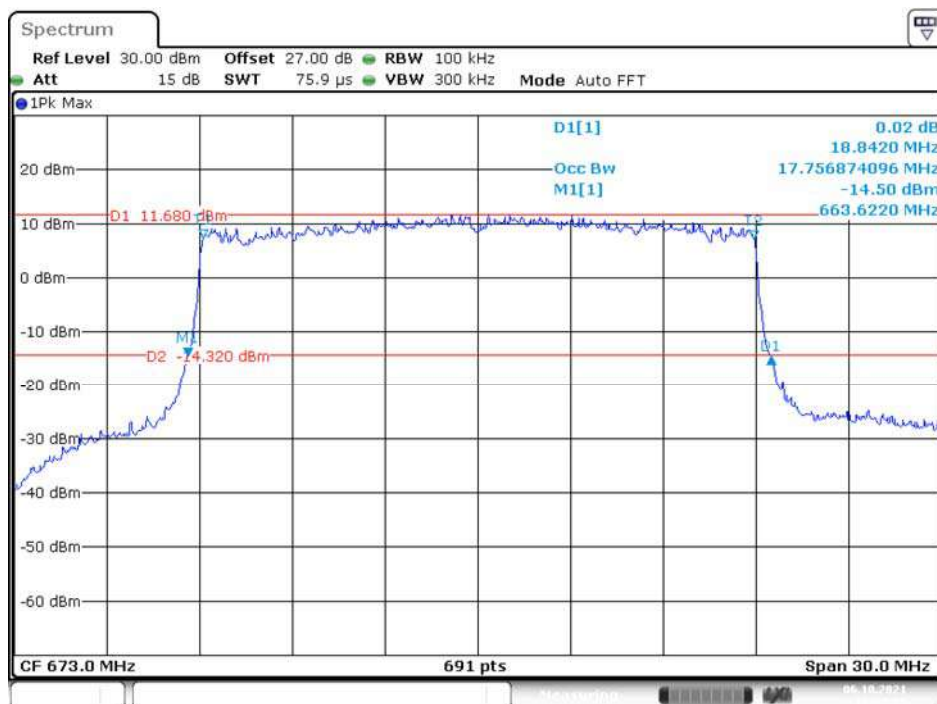
Date: 6.OCT.2021 11:15:47

QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

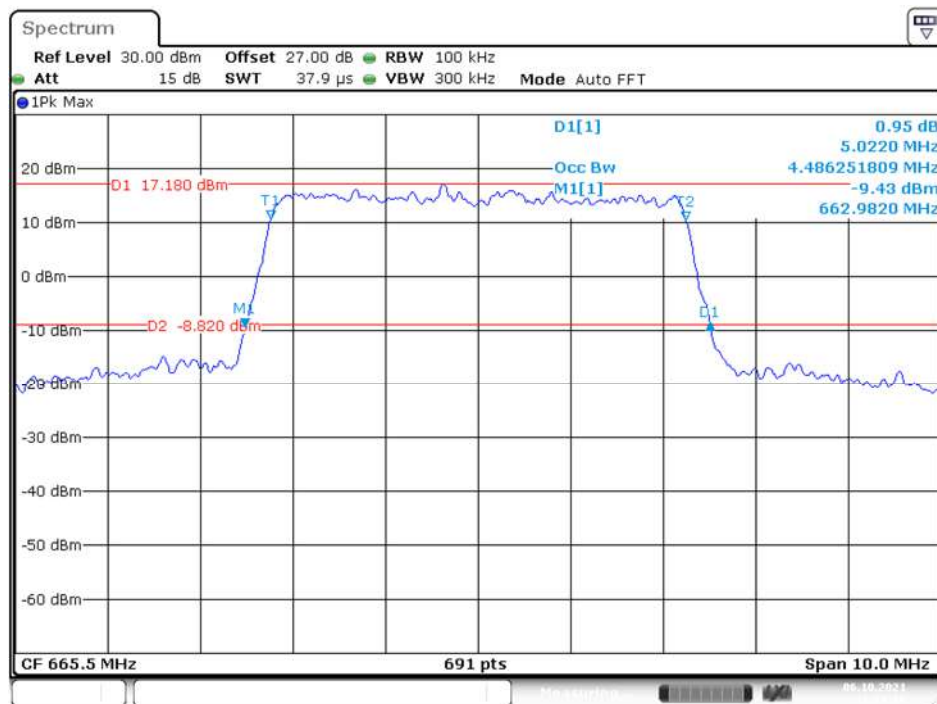
Date: 6.OCT.2021 11:39:15

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

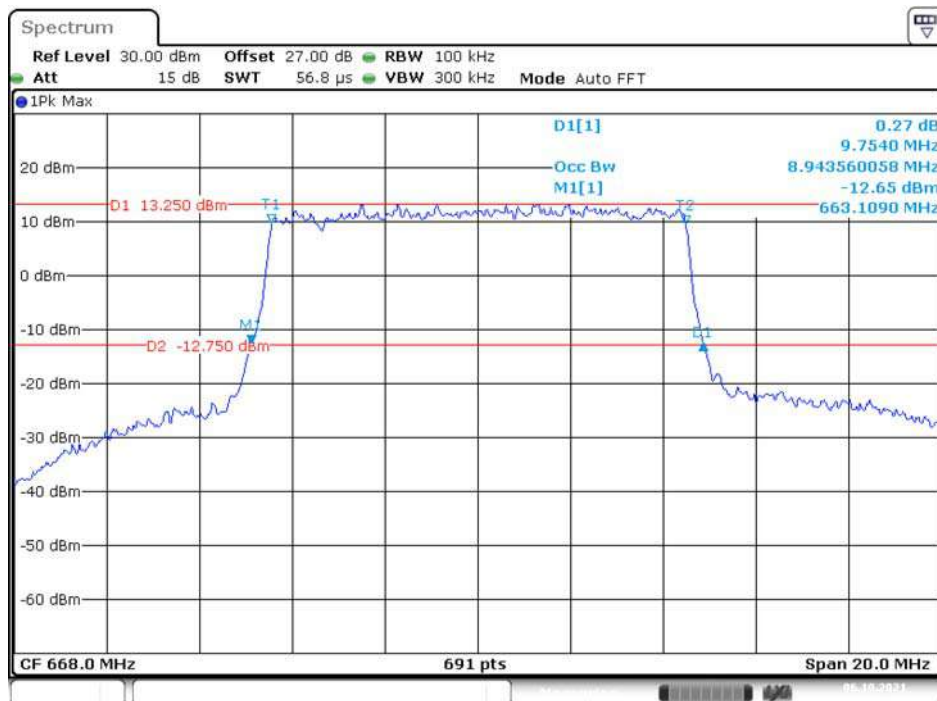
Date: 6.OCT.2021 12:14:51

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

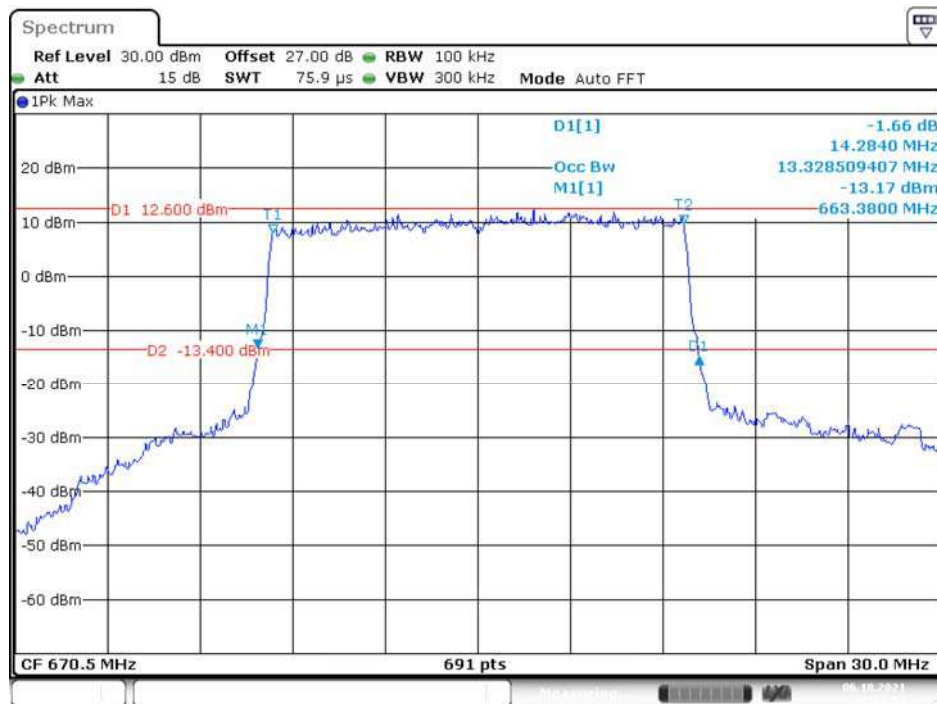
Date: 6.OCT.2021 12:27:35

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

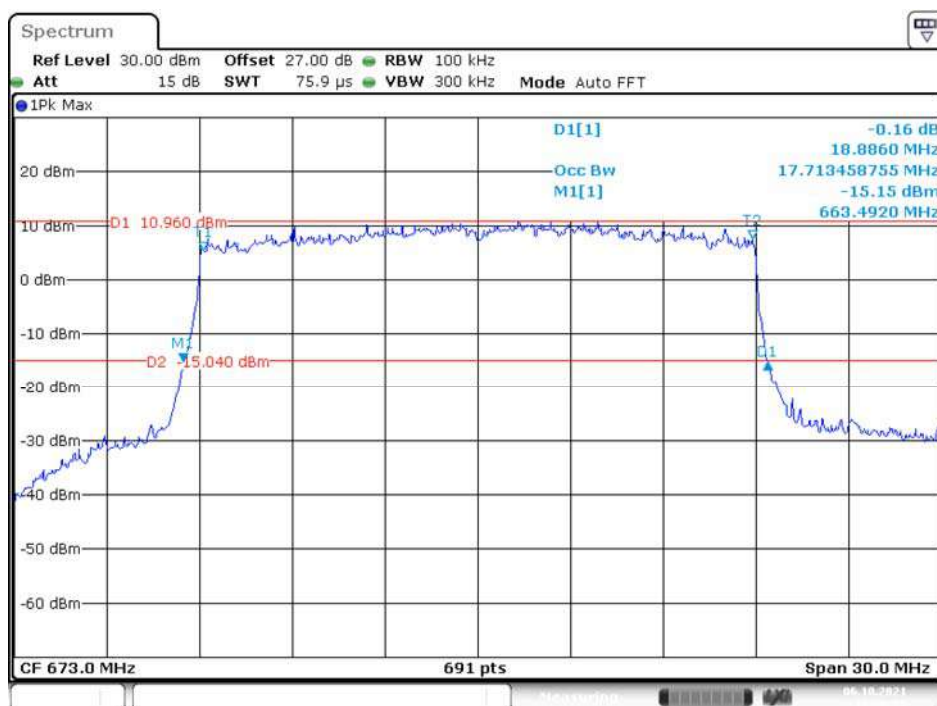
Date: 6.OCT.2021 11:17:20

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

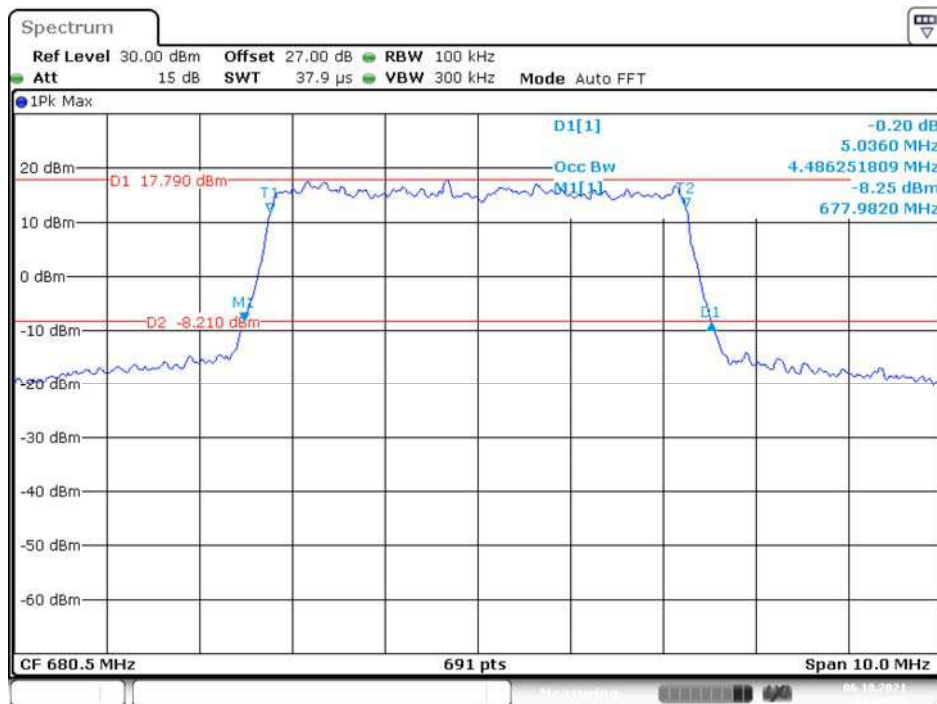
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16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

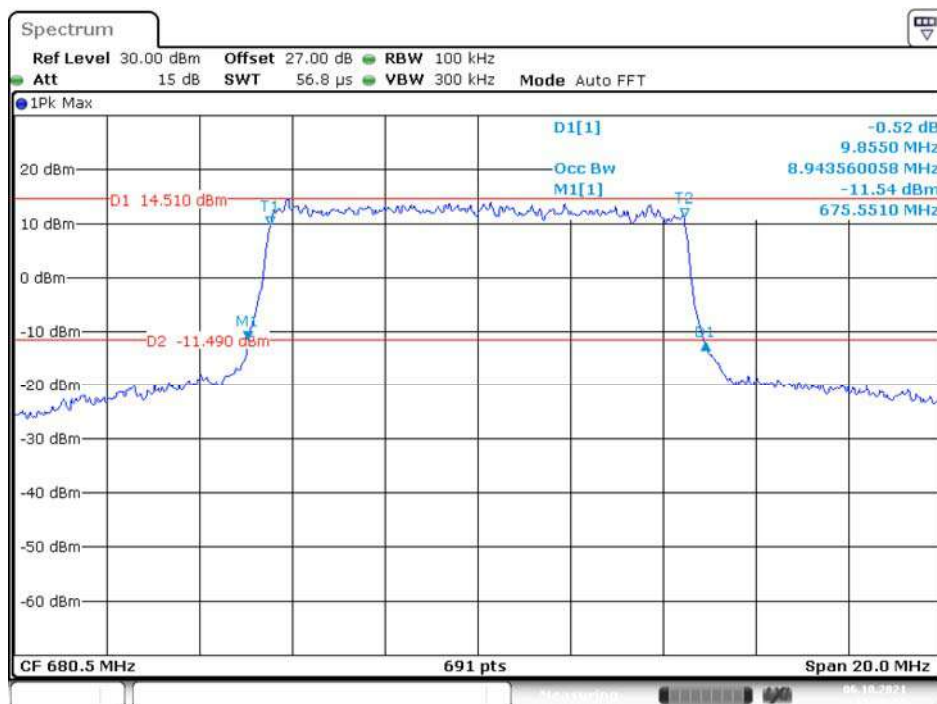
Date: 6.OCT.2021 12:11:55

16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Low channel

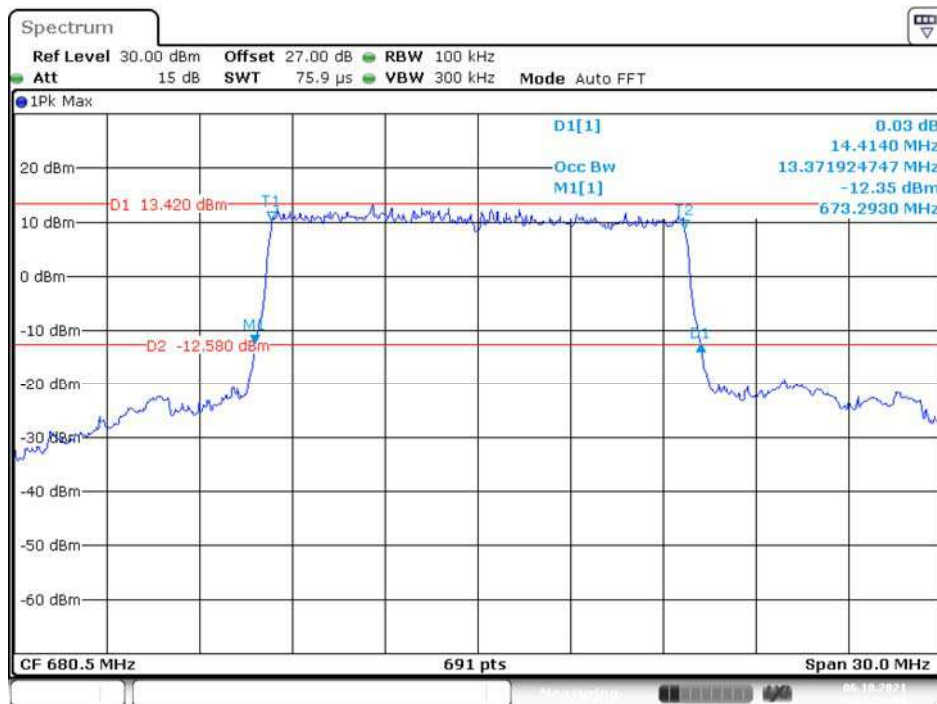
Date: 6.OCT.2021 12:26:23

QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

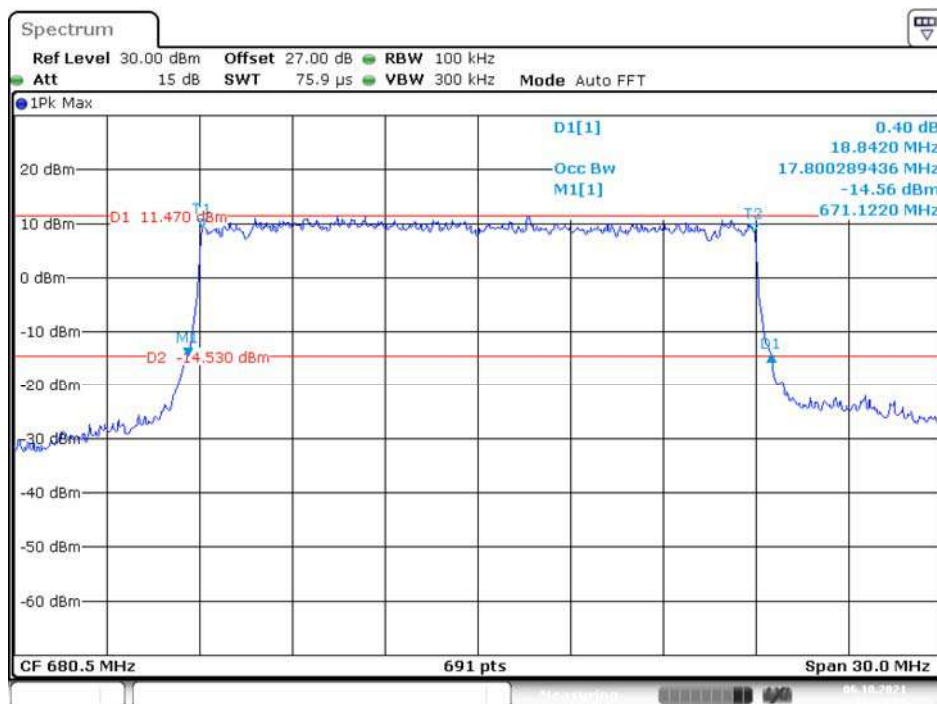
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QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

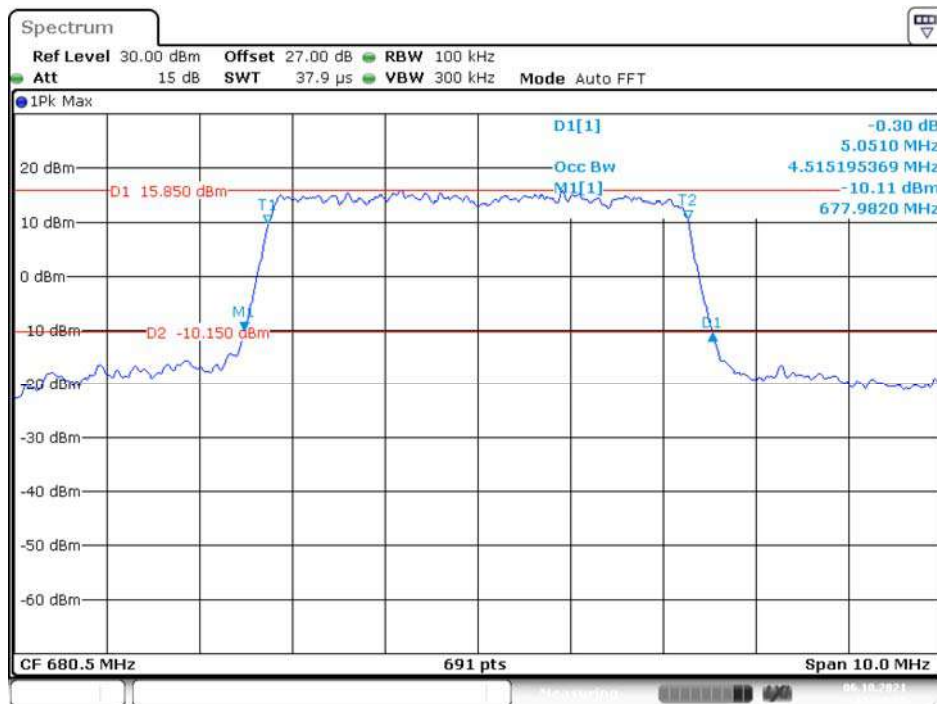
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QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

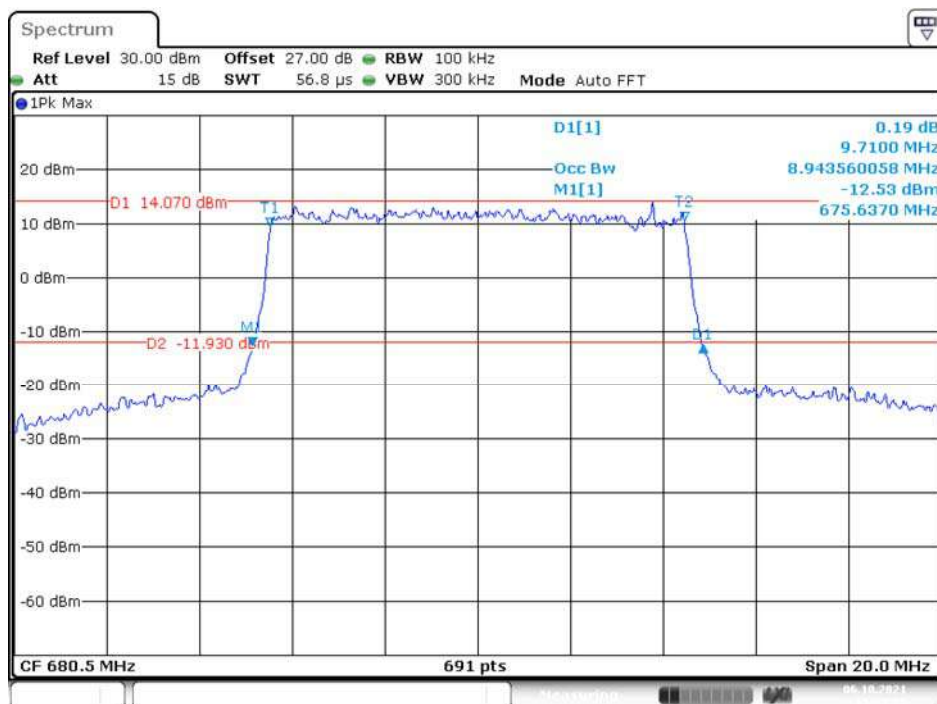
Date: 6.OCT.2021 11:54:04

QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

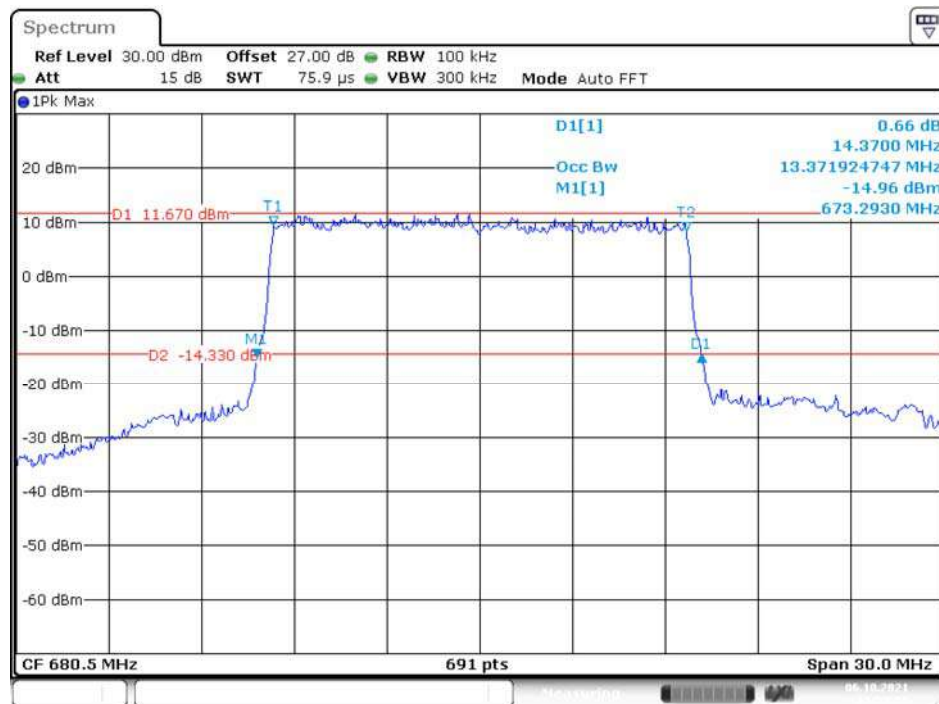
Date: 6.OCT.2021 12:22:23

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

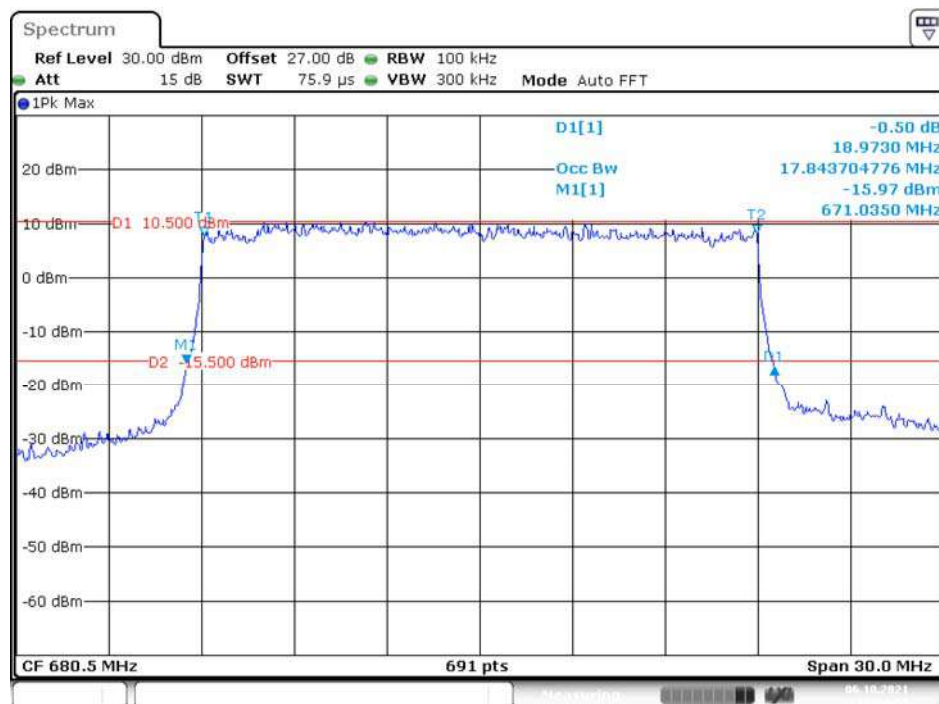
Date: 6.OCT.2021 11:30:33

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

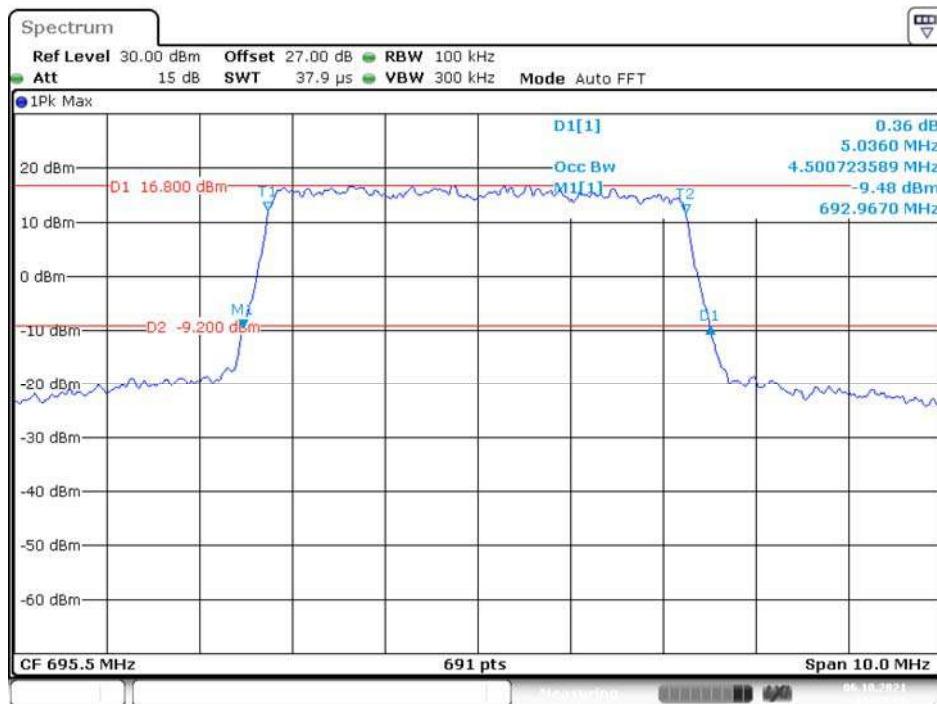
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16-QAM (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

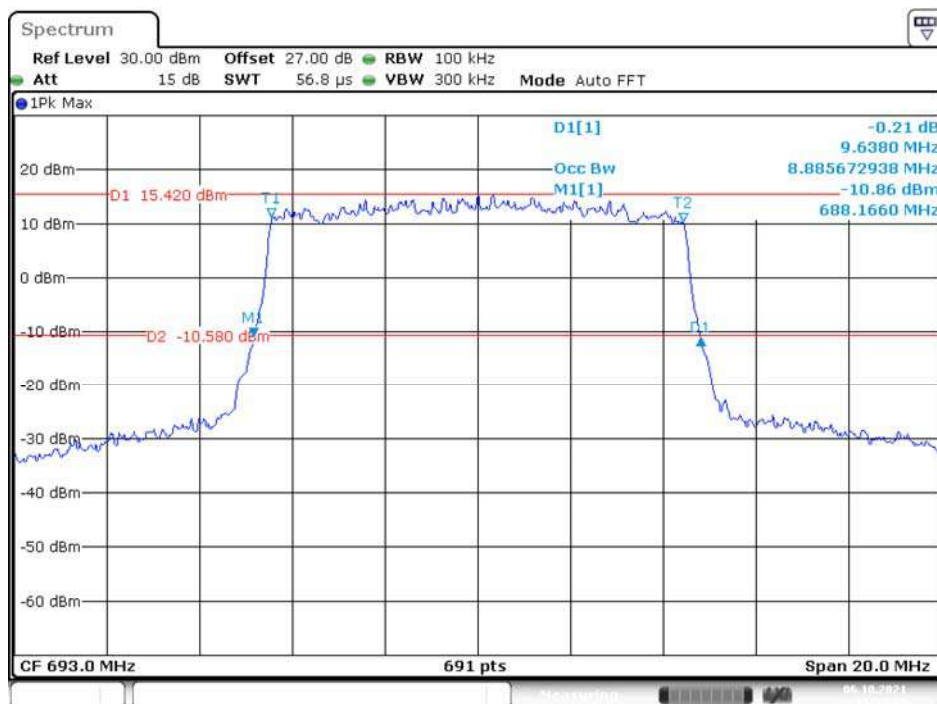
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16-QAM (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, Middle channel

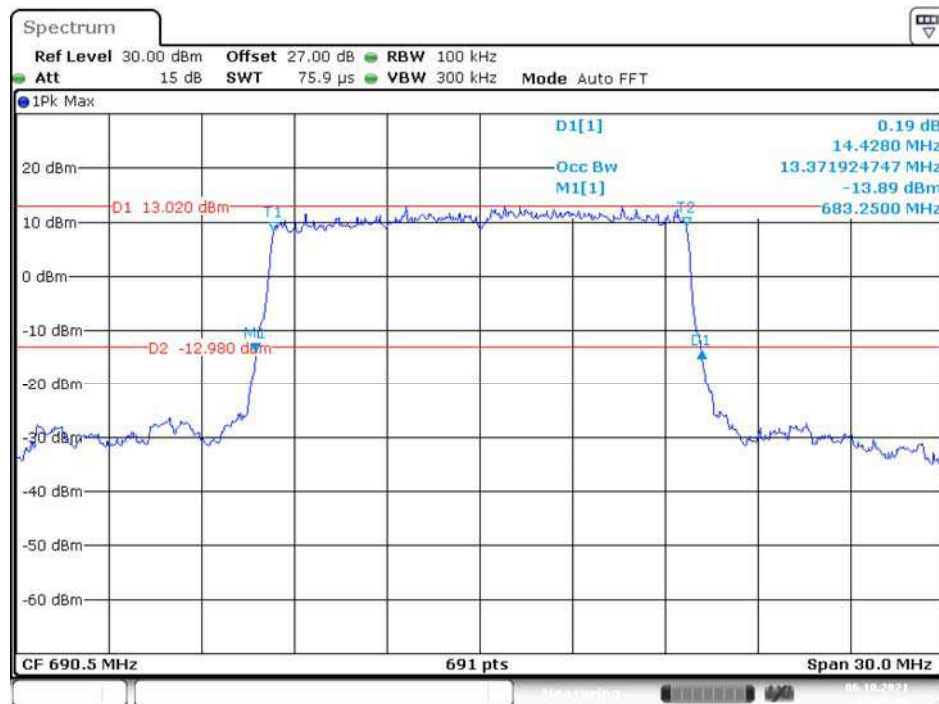
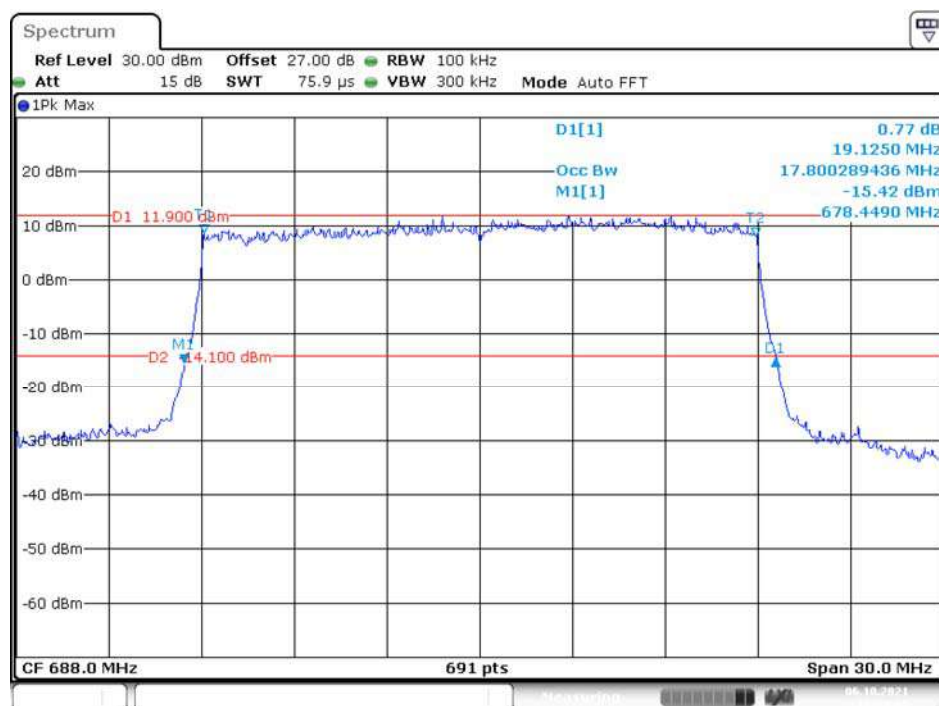
Date: 6.OCT.2021 12:24:11

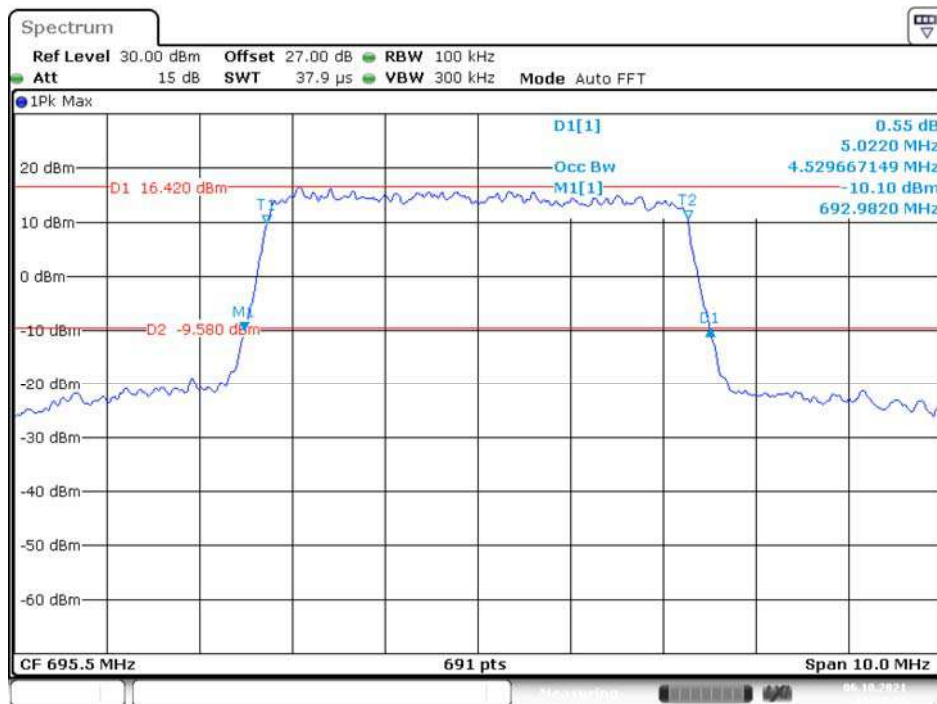
QPSK (5MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 6.OCT.2021 11:25:39

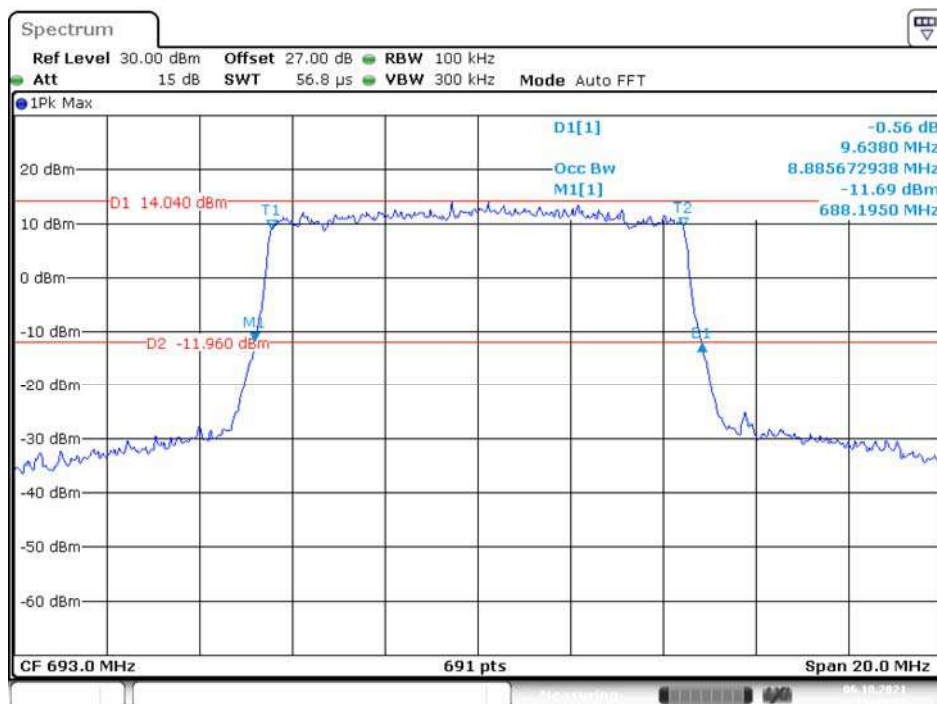
QPSK (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 6.OCT.2021 11:51:39

QPSK (15 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel**QPSK (20 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel**

16-QAM (5 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 6.OCT.2021 11:20:47

16-QAM (10 MHz) - 99% Occupied & 26 dB Emissions Bandwidth, High channel

Date: 6.OCT.2021 11:48:27

Spectrum

Ref Level 30.00 dBm Offset 27.00 dB RBW 100 kHz
 Att 15 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT

1Pk Max

D1[1] 0.25 dB
 14.2980 MHz
 Occ Bw 13.371924747 MHz
 M1[1] -14.01 dBm
 683.3360 MHz

D1 12.570 dBm
 D2 -13.430 dBm

CF 690.5 MHz 691 pts Span 30.0 MHz

Date: 6.OCT.2021 12:18:13

Spectrum

Ref Level 30.00 dBm Offset 27.00 dB RBW 100 kHz
 Att 15 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT

1Pk Max

D1[1] 11.030 dBm
 M1[1] -4.970 dBm

CF 688.0 MHz 691 pts Span 30.0 MHz

Other labels: D1[1], Occ Bw, M1[1], -0.52 dB, 18.9080 MHz, 17.800289436 MHz, -15.49 dBm, 678.6220 MHz, T2, E1.

Date: 6.OCT.2021 12:31:03

FCC§2.1051, §22.917(a) & §24.238(a) & §27.53 – Spurious Emissions At Antenna Terminals

Applicable Standard

FCC § 2.1051, §22.917, § 24.238, § 27.53

Test Procedure

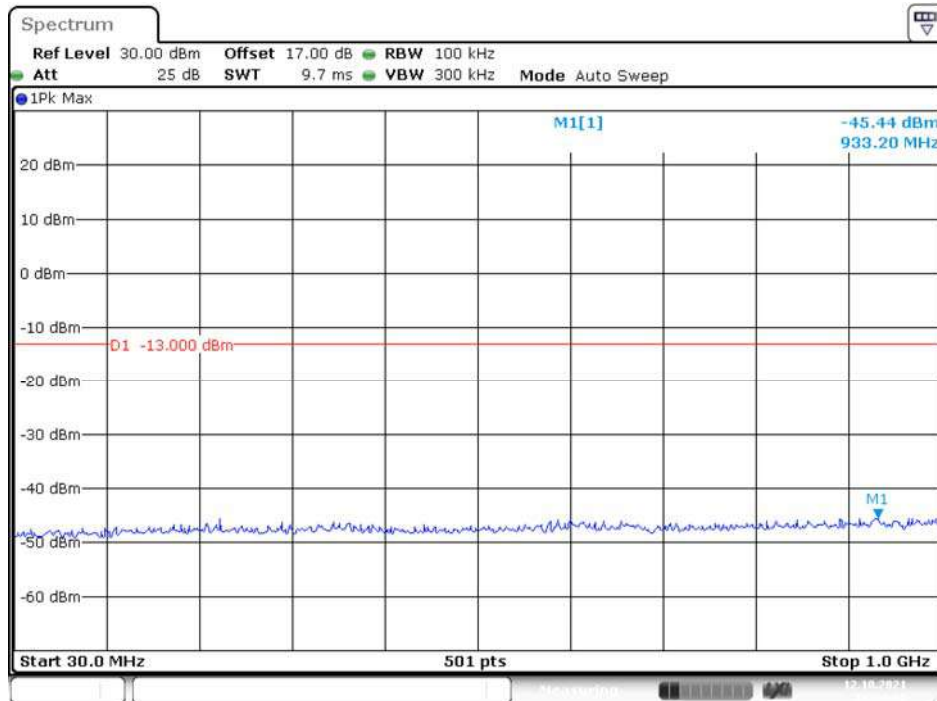
The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. Sufficient scans were taken to show any out of band emissions up to 10th harmonic.

The resolution bandwidth of the spectrum analyzer was set at 100 kHz for below 1GHz & 1MHz for above 1GHz.

Test Results

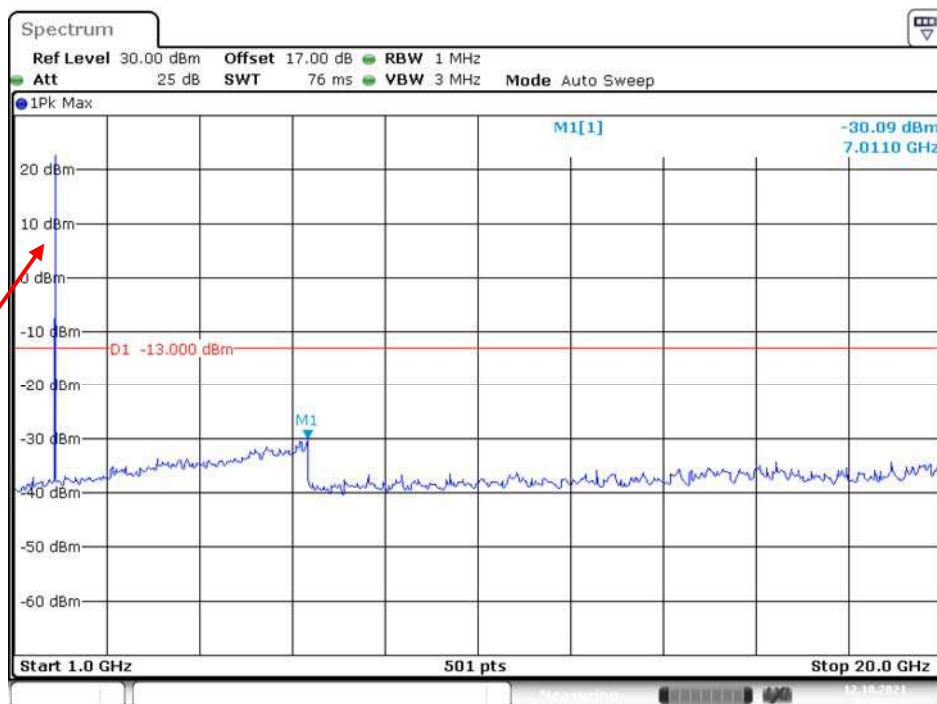
Please refer to the following plots

WCDMA Band II: 30 MHz – 1GHz WCDMA (Rel 99) Mode Low Channel



Date: 12.OCT.2021 14:14:43

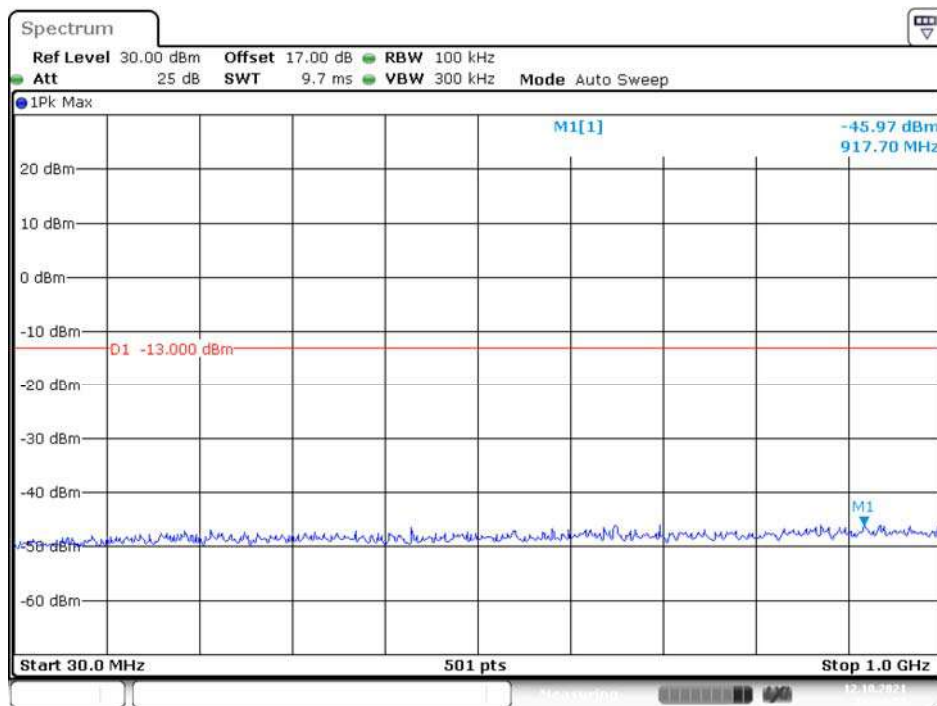
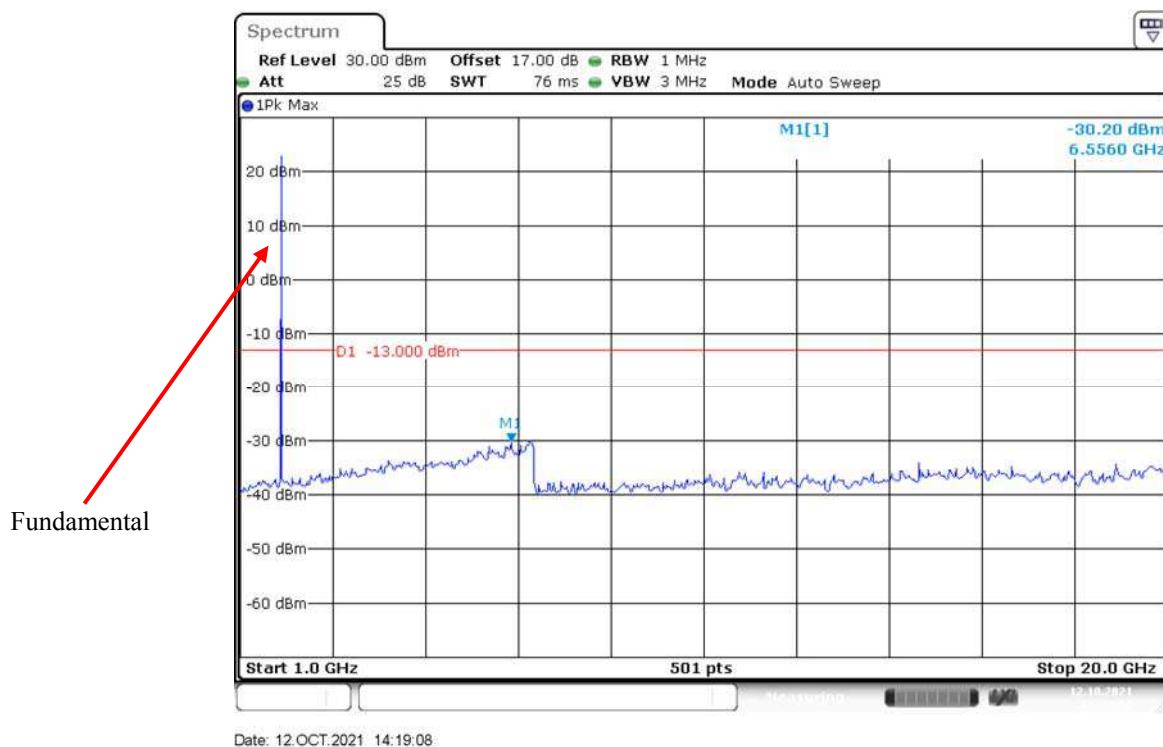
1 GHz – 20 GHz WCDMA (Rel 99) Mode Low Channel

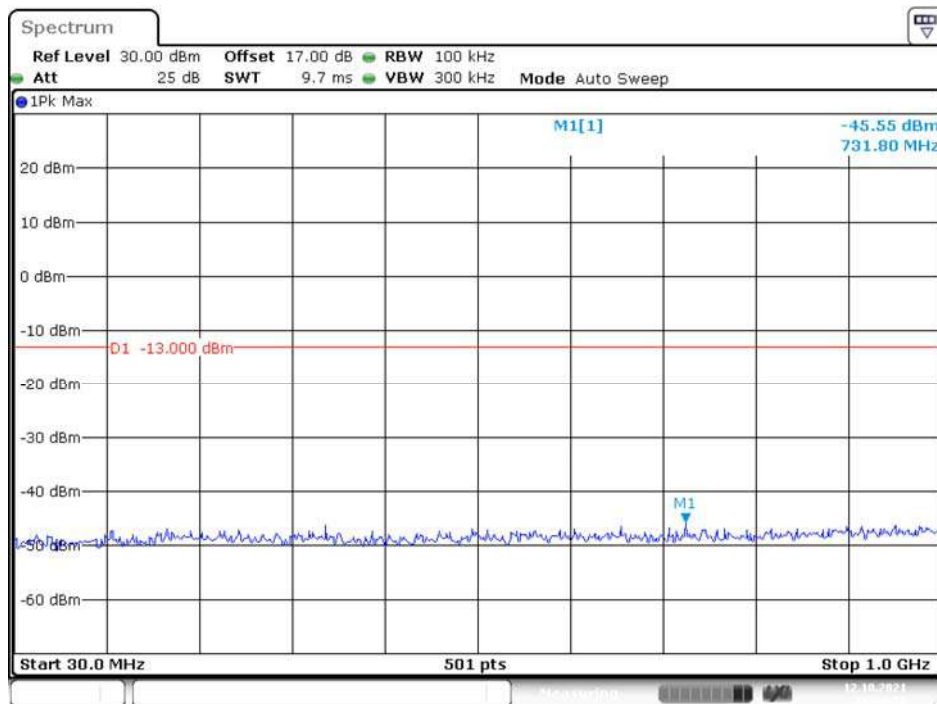
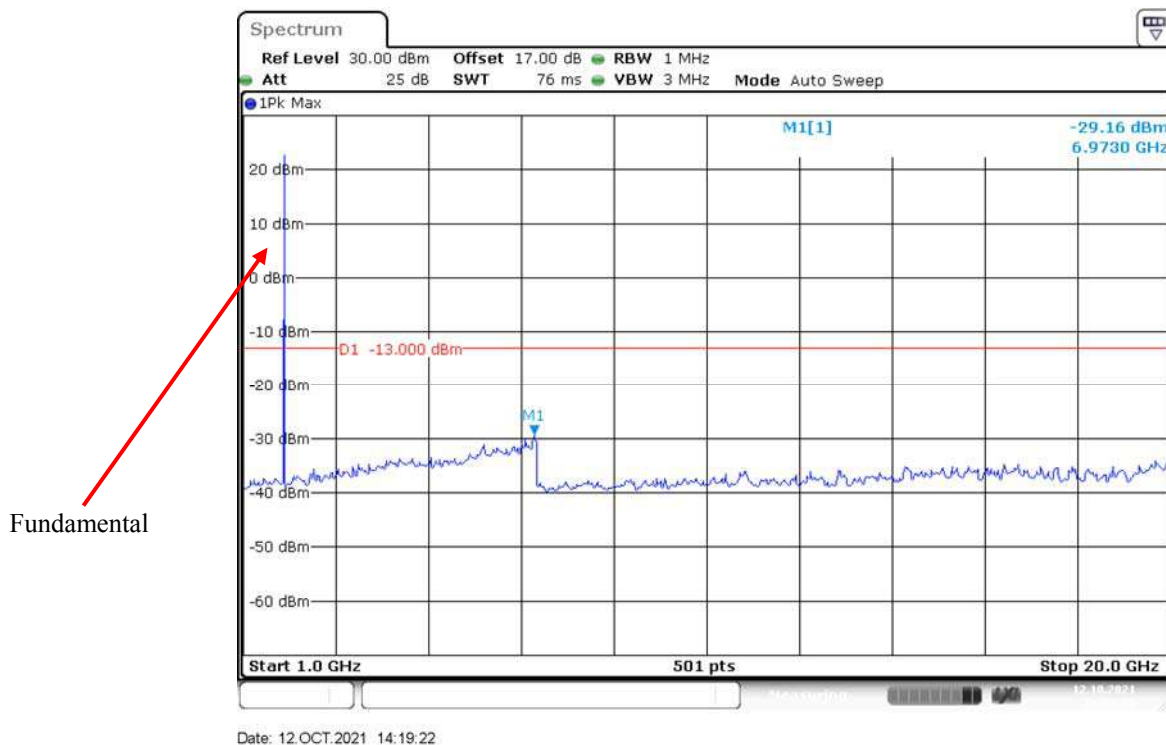


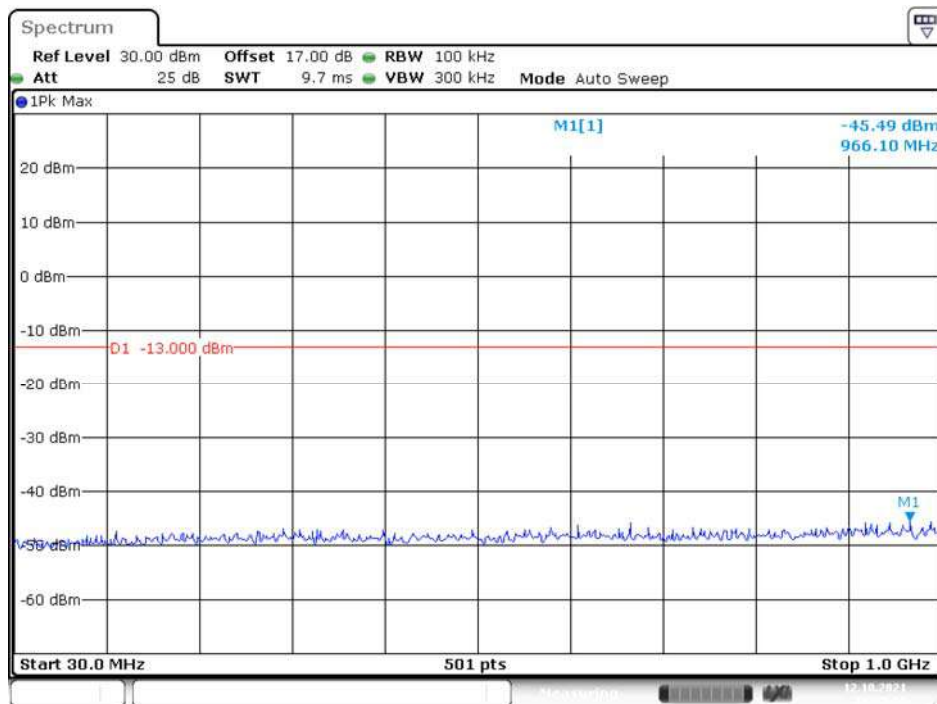
Date: 12.OCT.2021 14:18:52

Fundamental

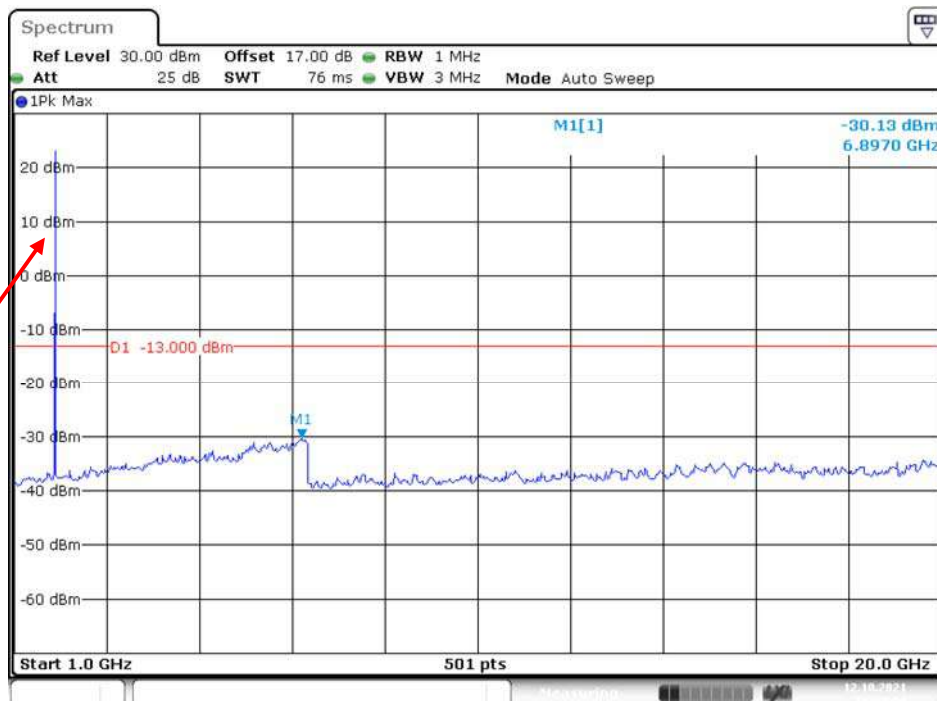
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp.

30 MHz – 1GHz WCDMA (HSDPA) Mode Low Channel**1 GHz – 20 GHz WCDMA (HSDPA) Mode Low Channel**

30 MHz – 1GHz WCDMA (HSUPA) Mode Low Channel**1 GHz – 20 GHz WCDMA (HSUPA) Mode Low Channel**

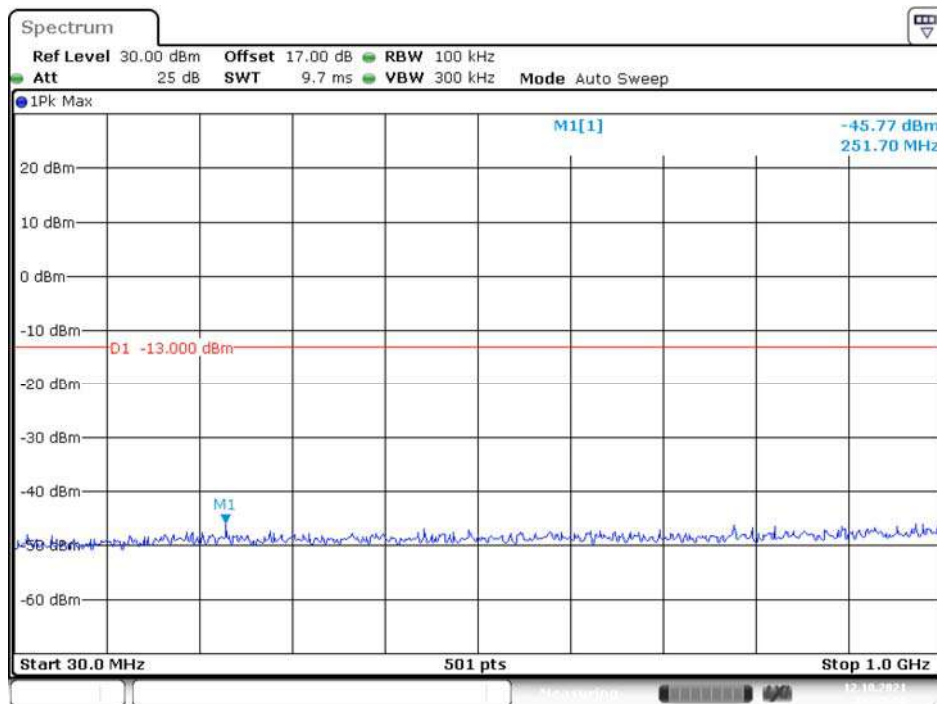
30 MHz – 1GHz WCDMA (HSPA+) Mode Low Channel

Date: 12.OCT.2021 14:15:07

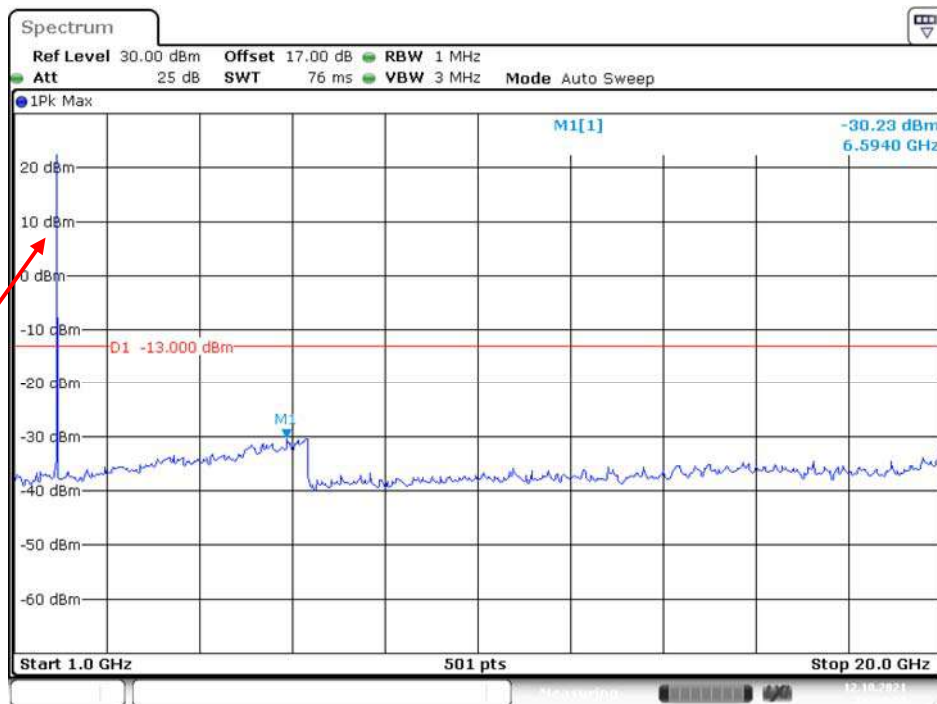
1 GHz – 20 GHz WCDMA (HSPA+) Mode Low Channel

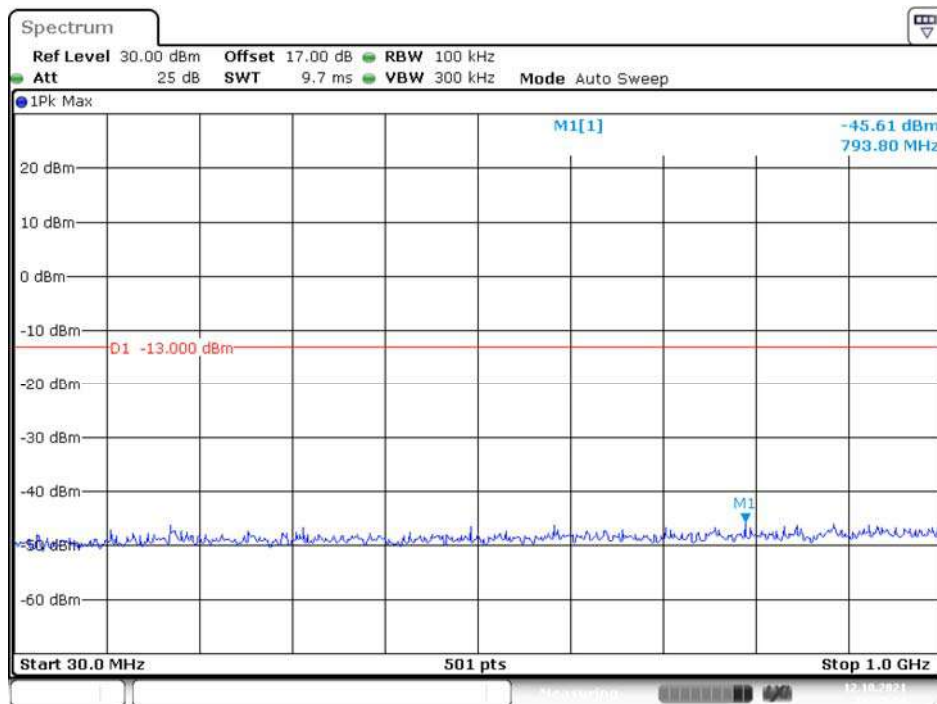
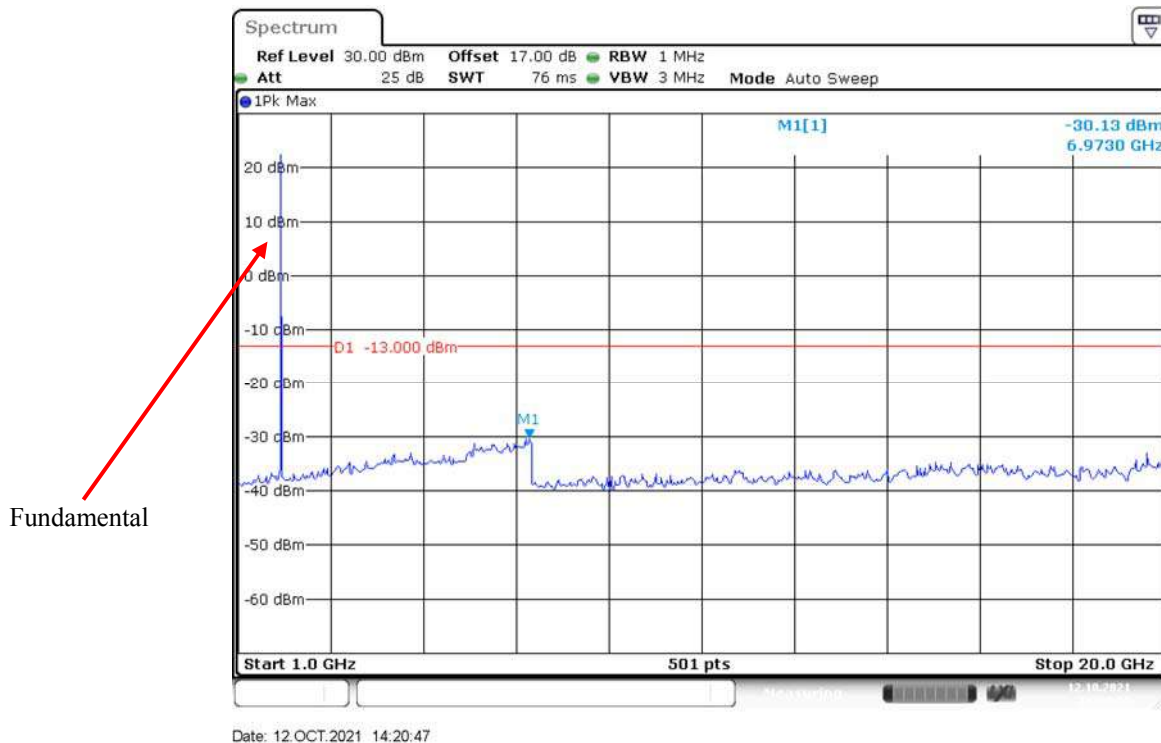
Date: 12.OCT.2021 14:19:44

Fundamental

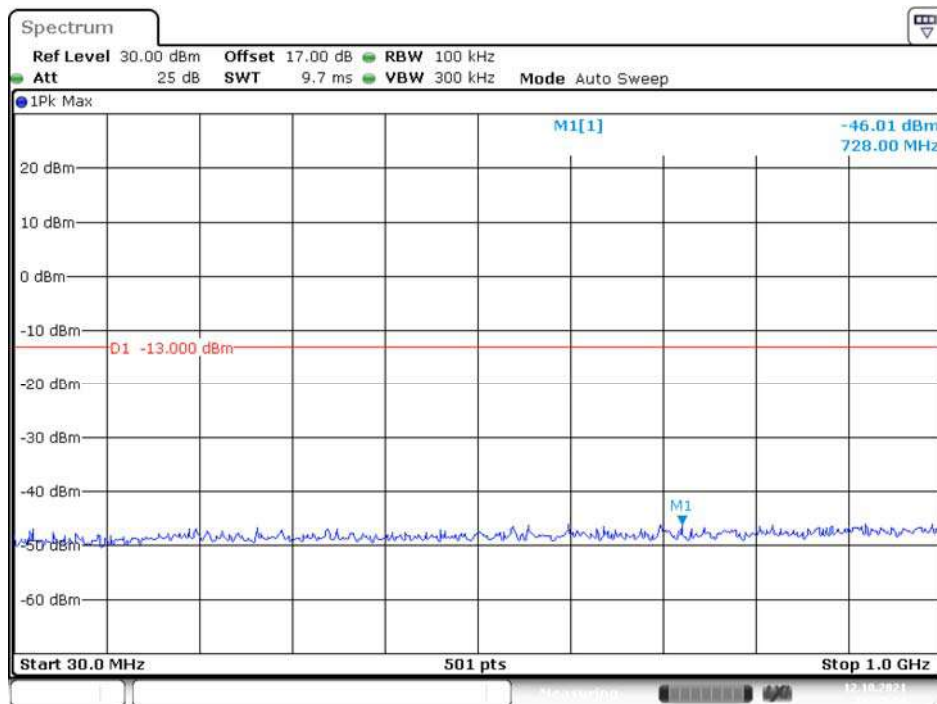
30 MHz – 1GHz WCDMA (Rel 99) Mode Middle Channel**1 GHz – 20 GHz WCDMA (Rel 99) Mode Middle Channel**

Fundamental

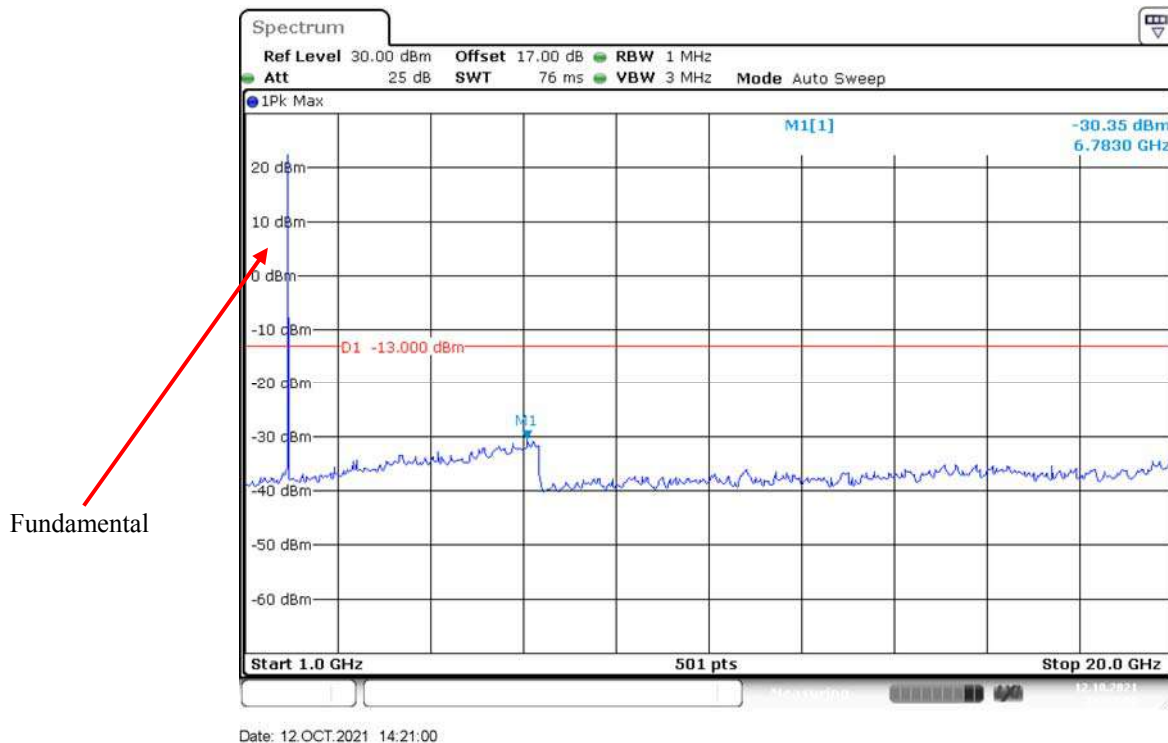


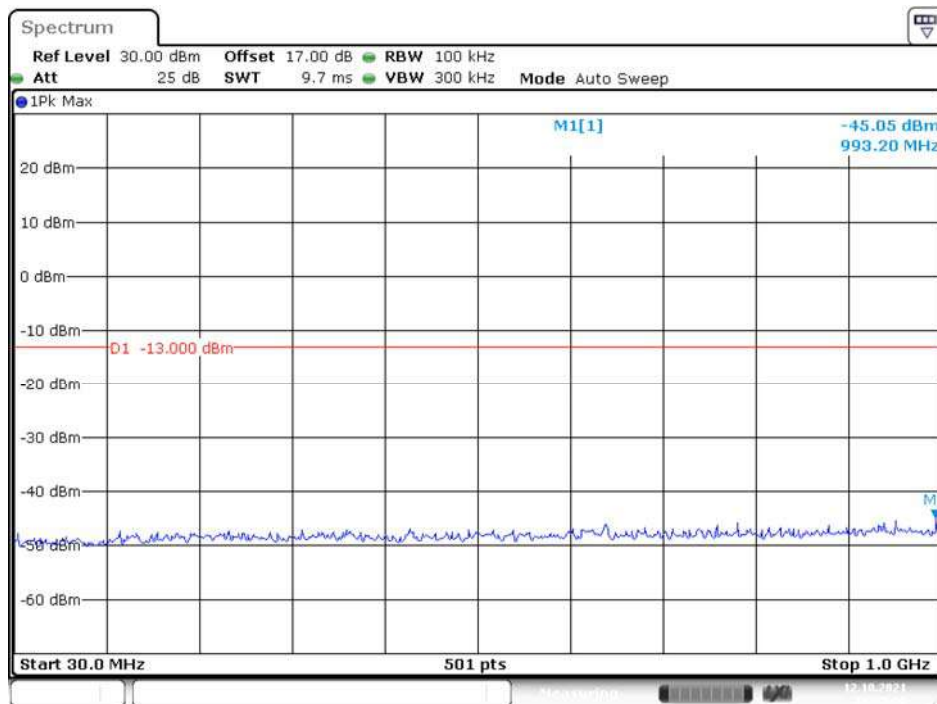
30 MHz – 1GHz WCDMA (HSDPA) Mode Middle Channel**1 GHz – 20 GHz WCDMA (HSDPA) Mode Middle Channel**

30 MHz – 1GHz WCDMA (HSUPA) Mode Middle Channel

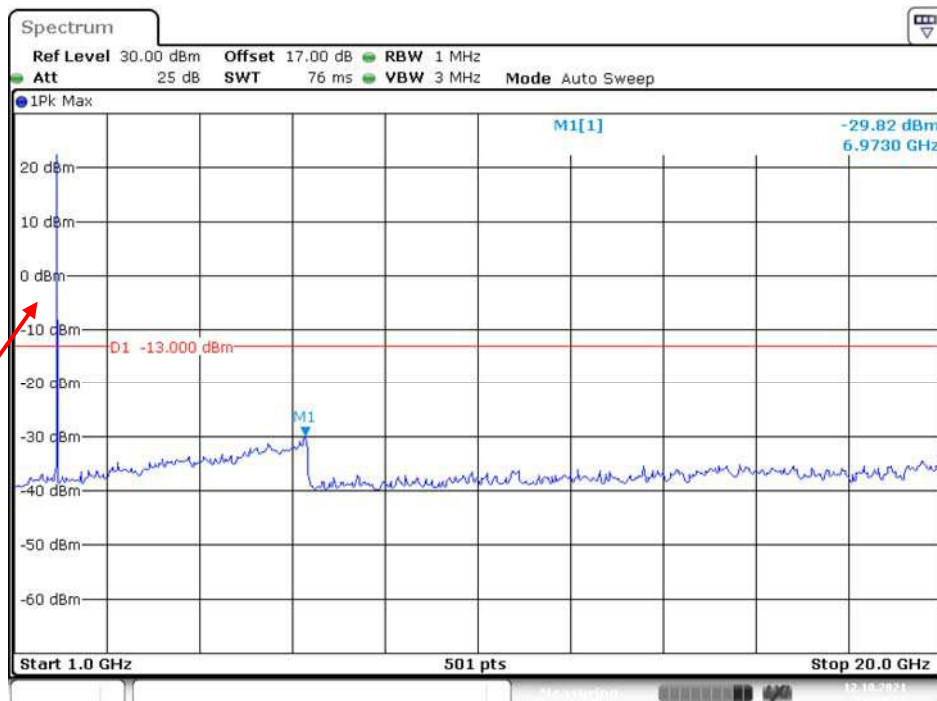


1 GHz – 20 GHz WCDMA (HSUPA) Mode Middle Channel

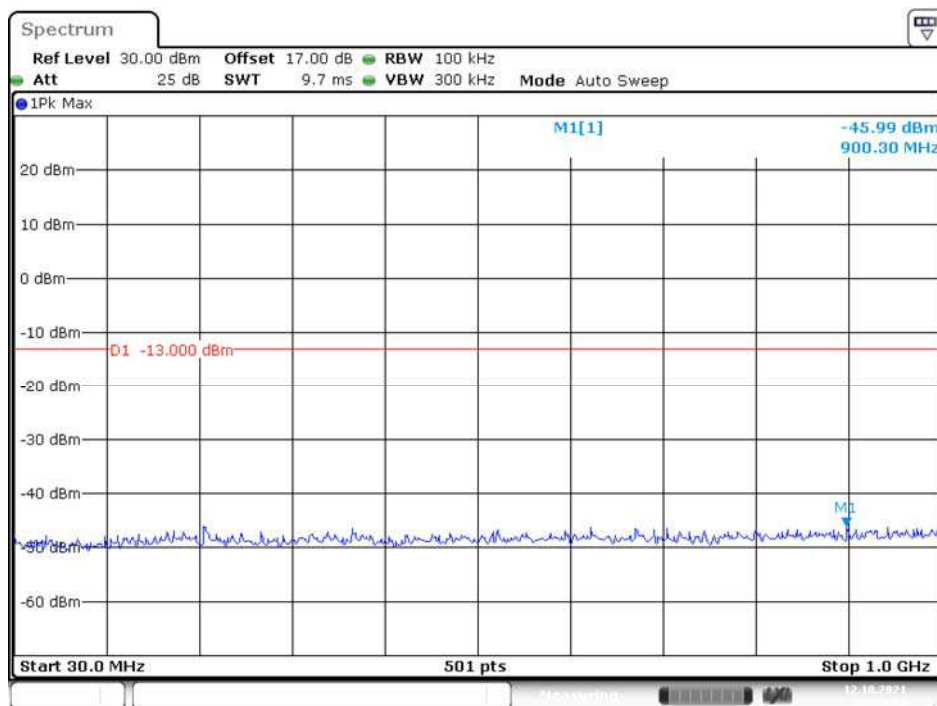
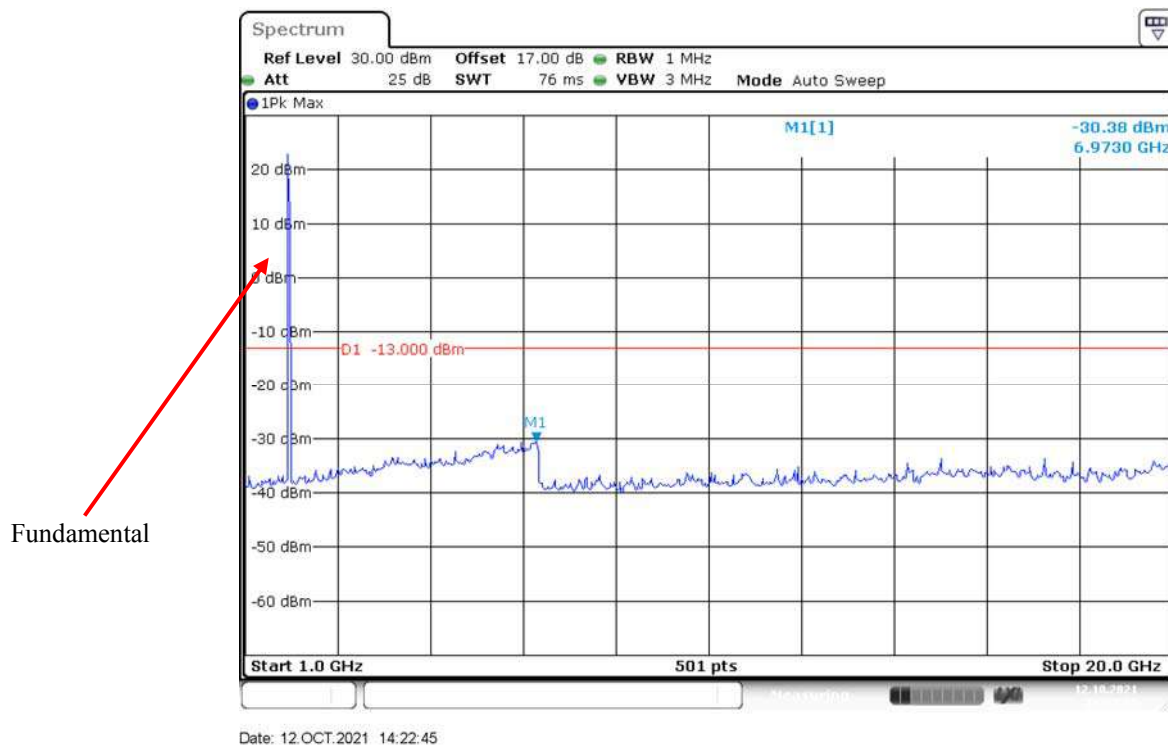


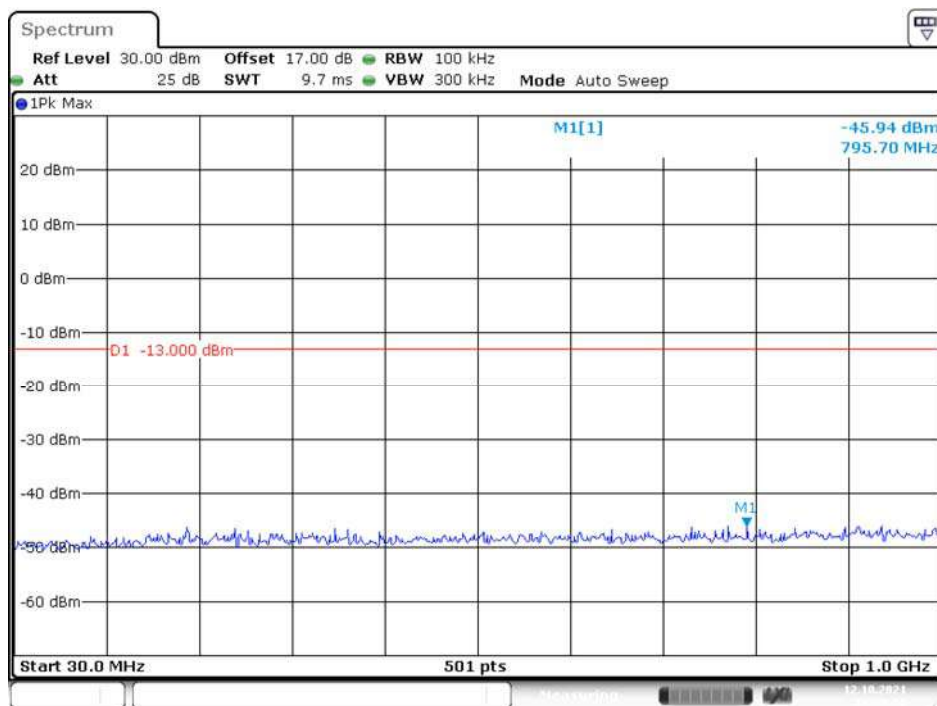
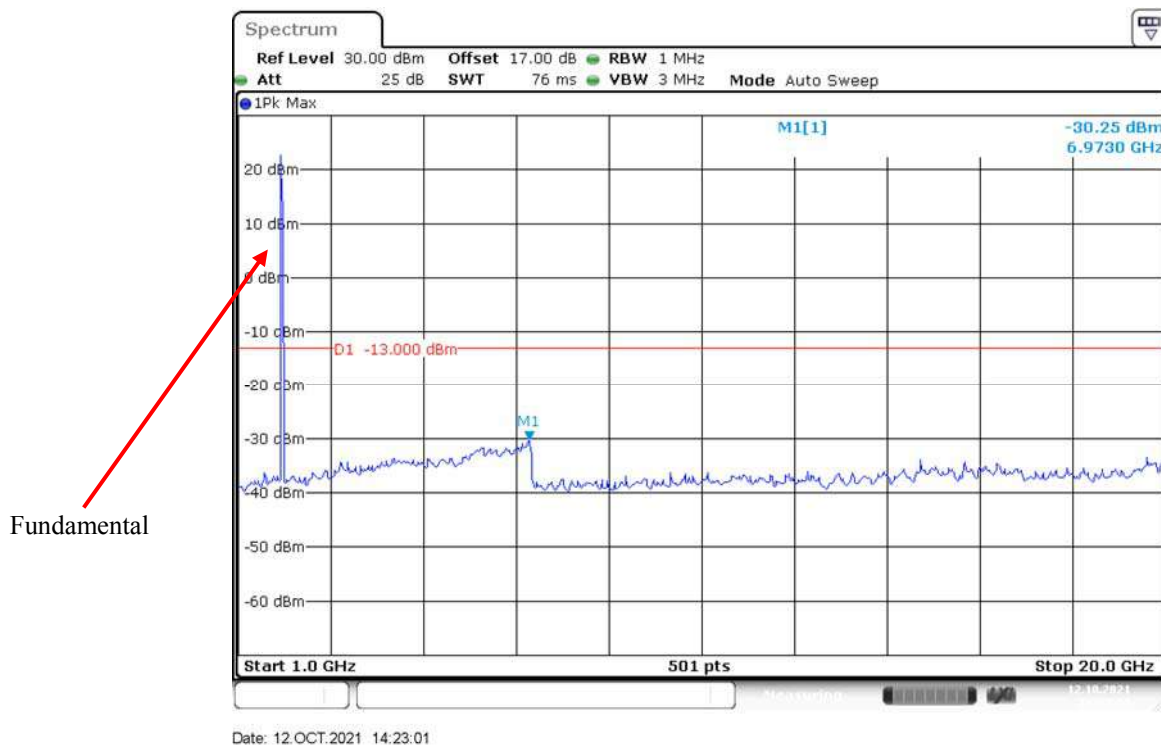
30 MHz – 1GHz WCDMA (HSPA+) Mode Middle Channel

Date: 12.OCT.2021 14:15:46

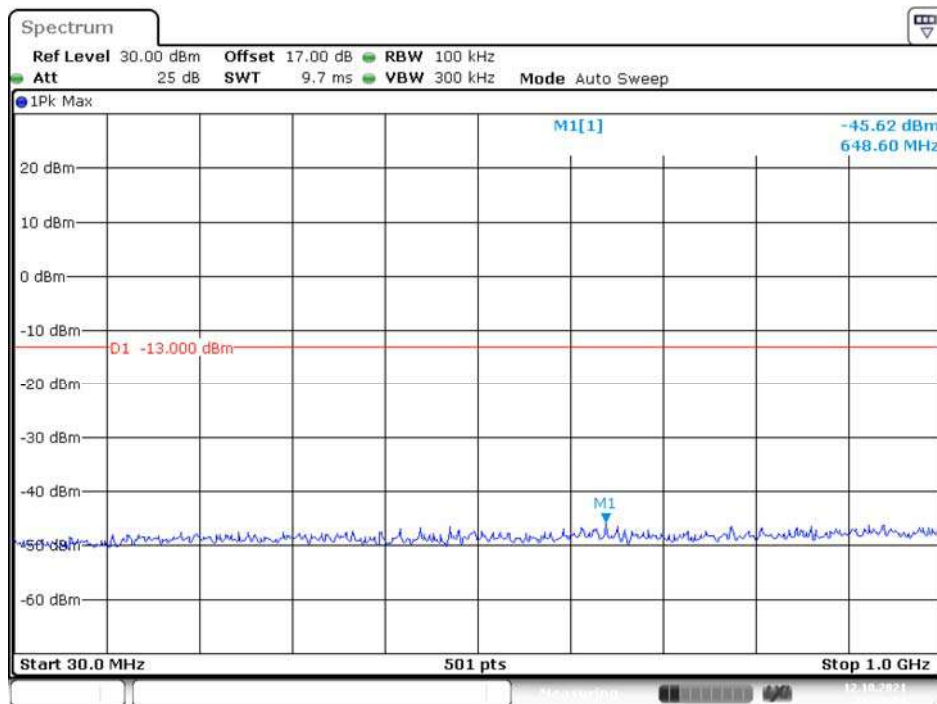
1 GHz – 20 GHz WCDMA (HSPA+) Mode Middle Channel

Date: 12.OCT.2021 14:21:15

30 MHz – 1GHz WCDMA (Rel 99) Mode High Channel**1 GHz – 20 GHz WCDMA (Rel 99) Mode High Channel**

30 MHz – 1GHz WCDMA (HSDPA) Mode High Channel**1 GHz – 20 GHz WCDMA (HSDPA) Mode High Channel**

30 MHz – 1GHz WCDMA (HSUPA) Mode High Channel



1 GHz – 20 GHz WCDMA (HSUPA) Mode High Channel

