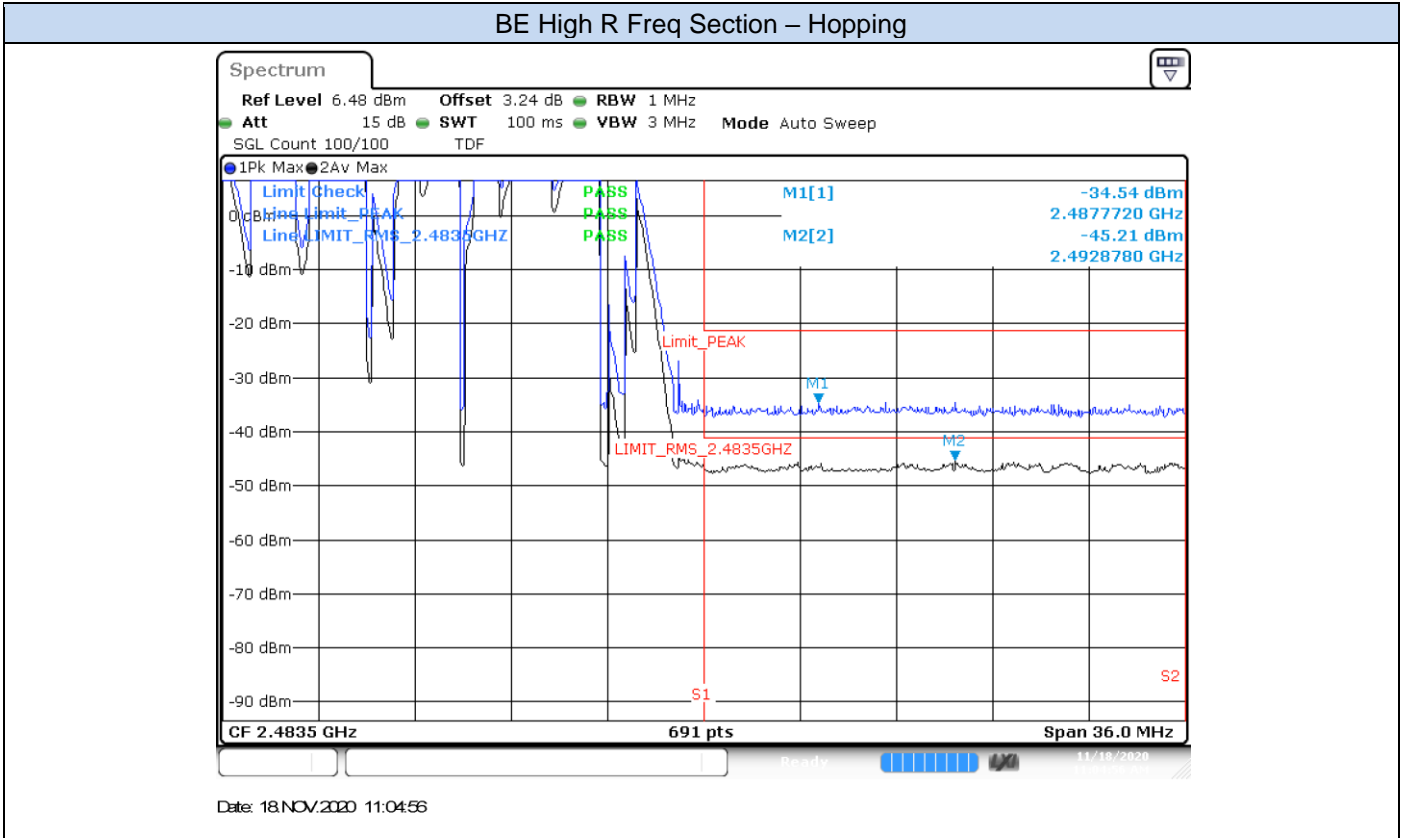


## BE Low R Freq Section – Hopping

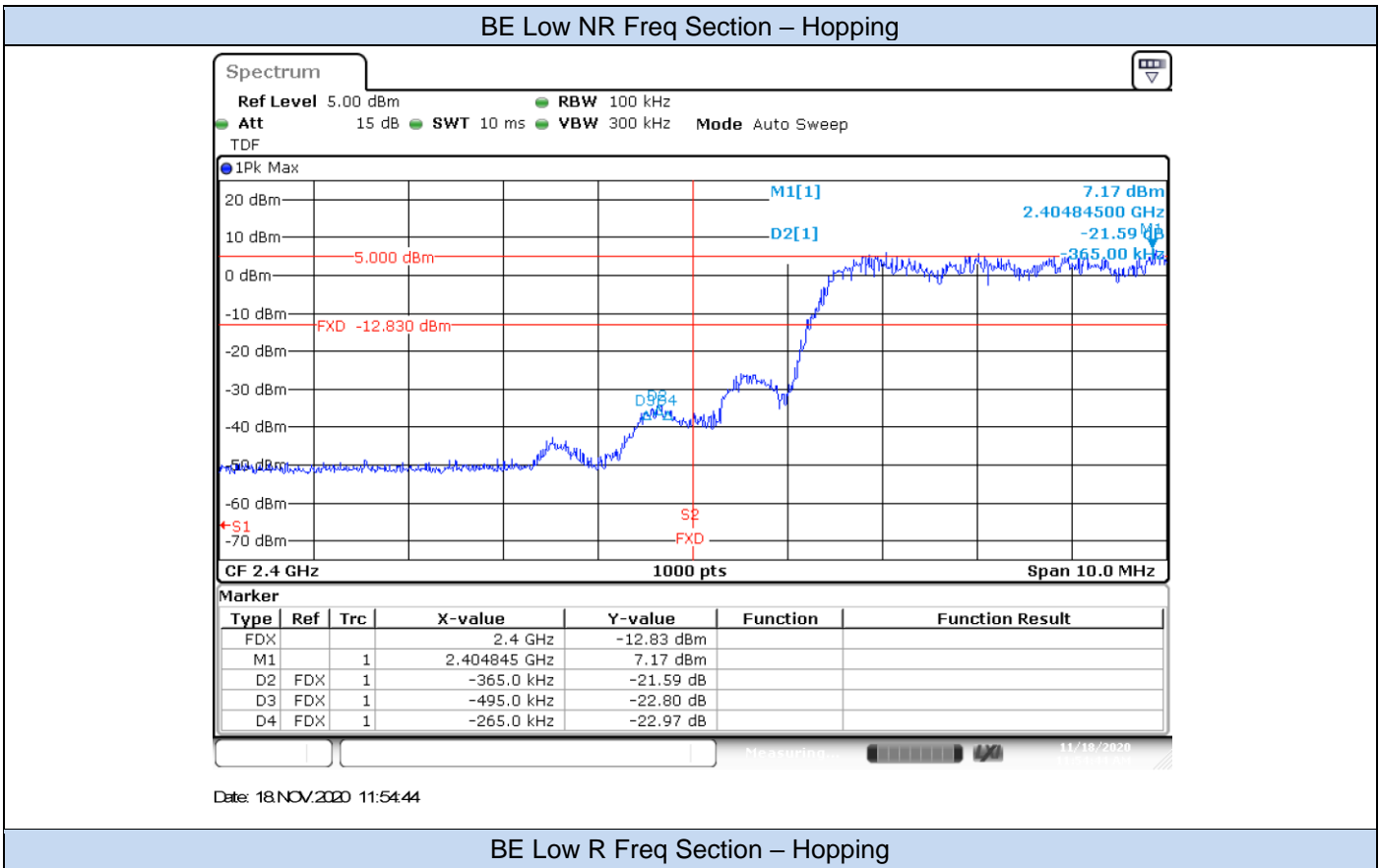
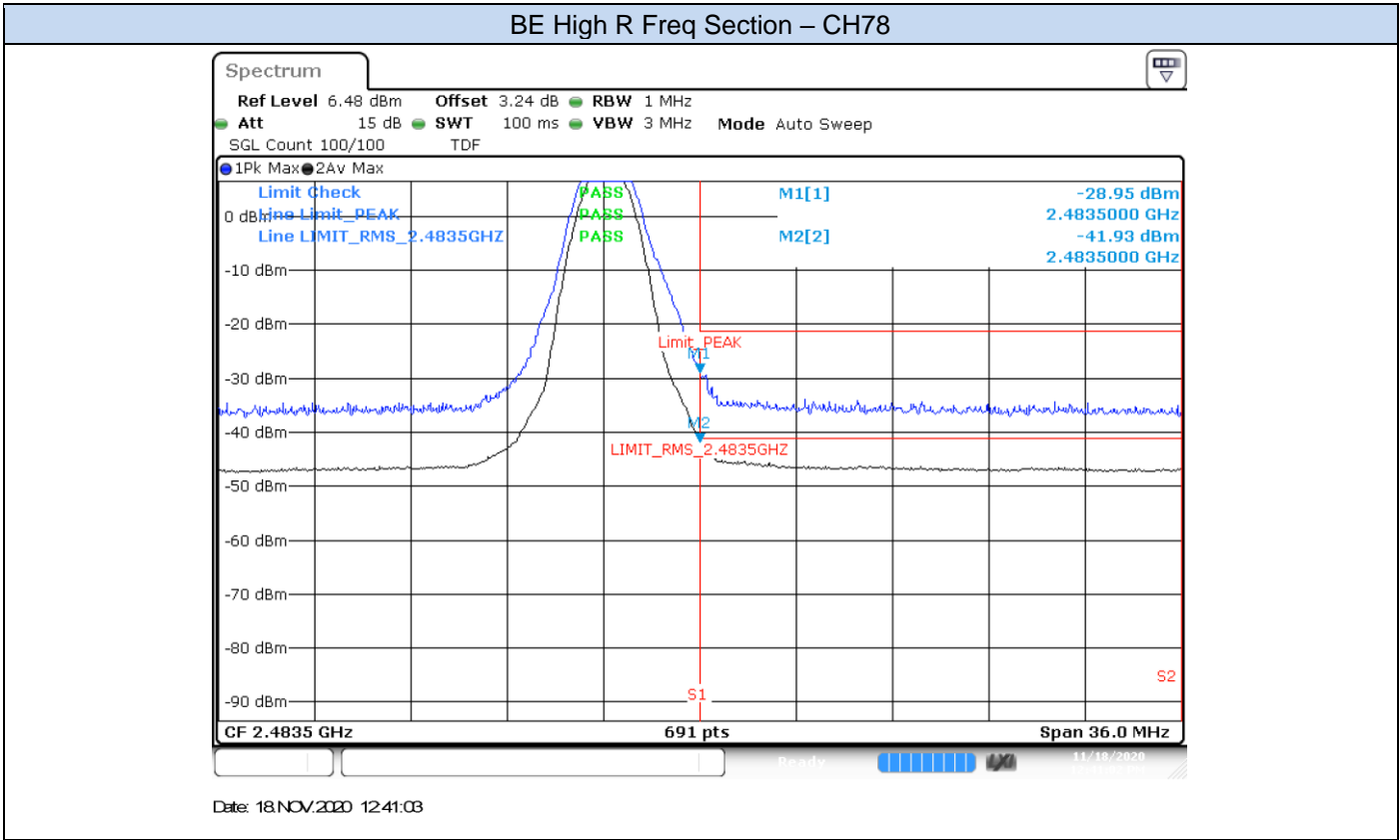




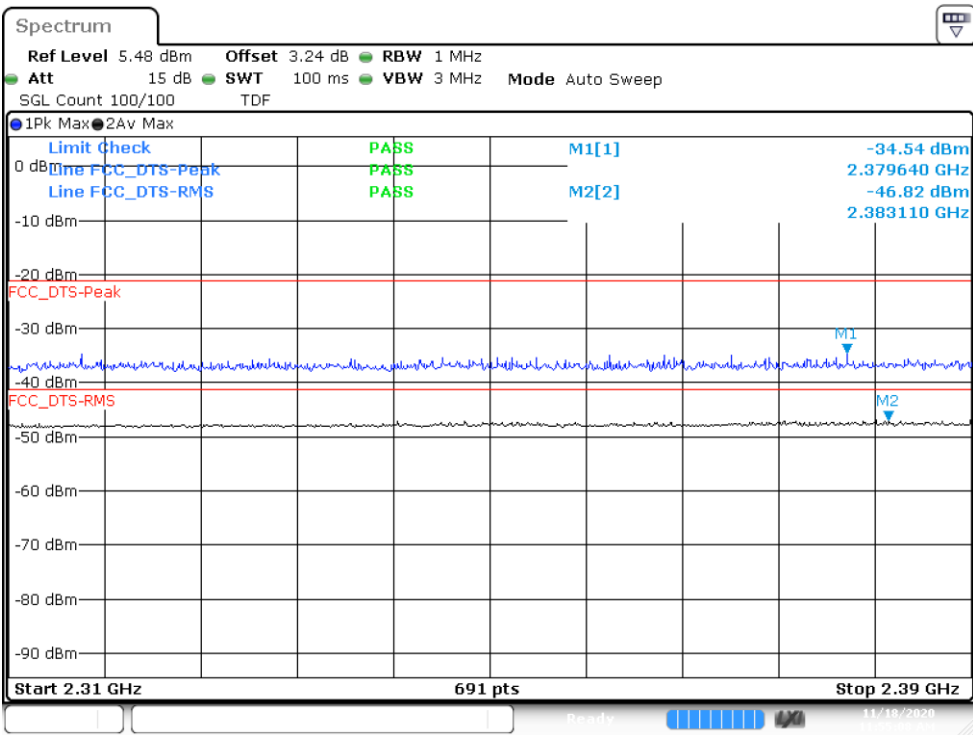
## BE Low NR Freq Section – CH0



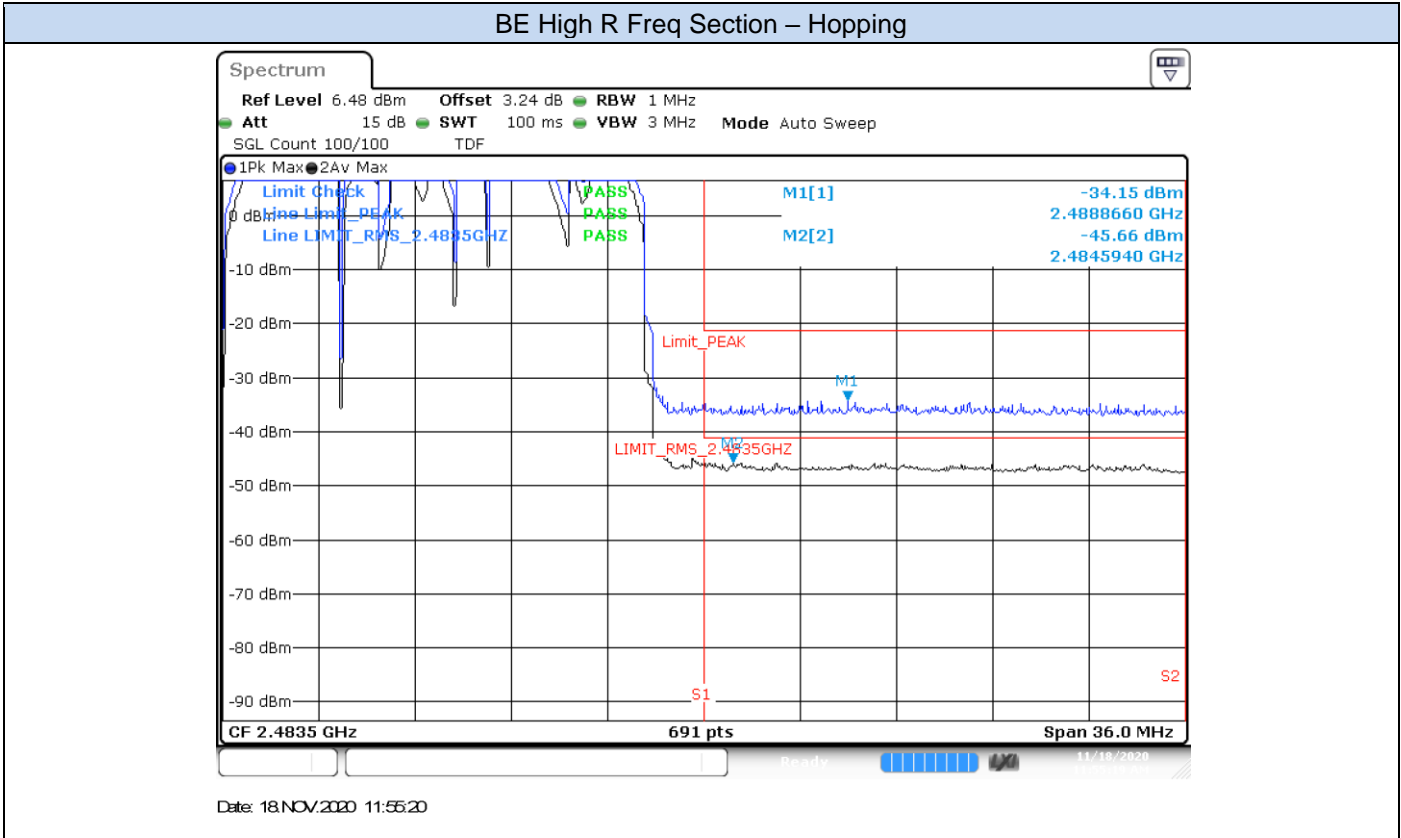
Date: 18.NOV.2020 11:05:56



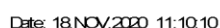
BE Low R Freq Section – Hopping



Date: 18.NOV.2020 11:55:08

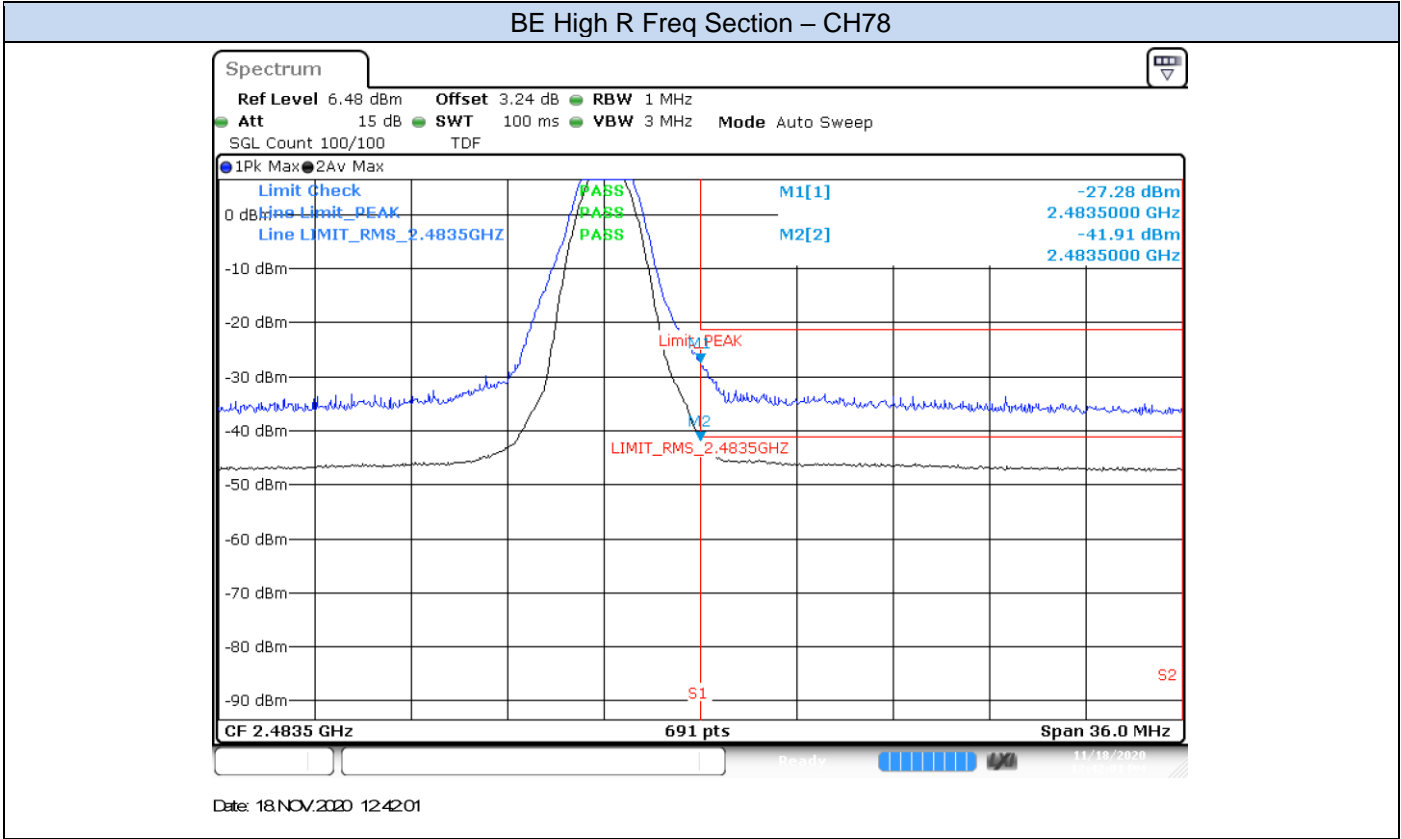


## BE Low NR Freq Section – CH0

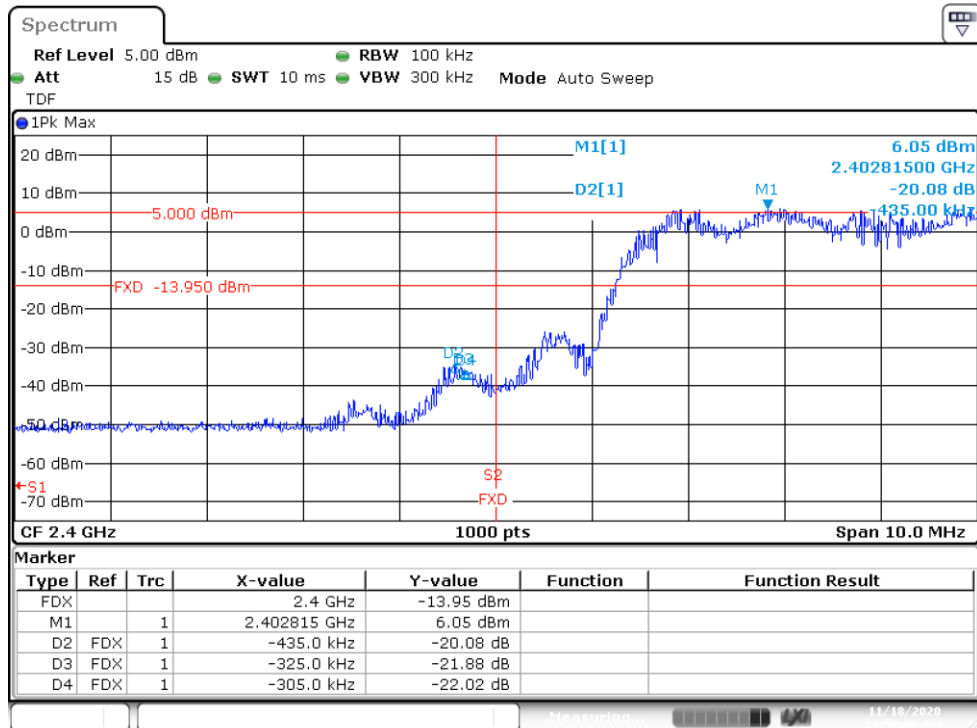


Date: 18.NOV.2020 11:09:59



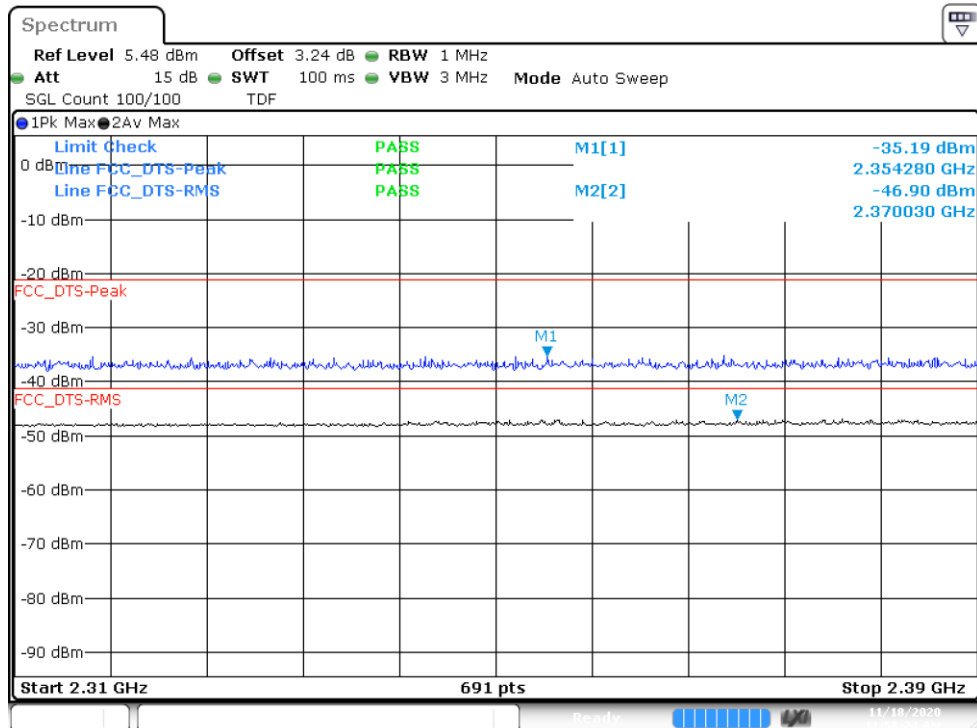


## BE Low NR Freq Section – Hopping

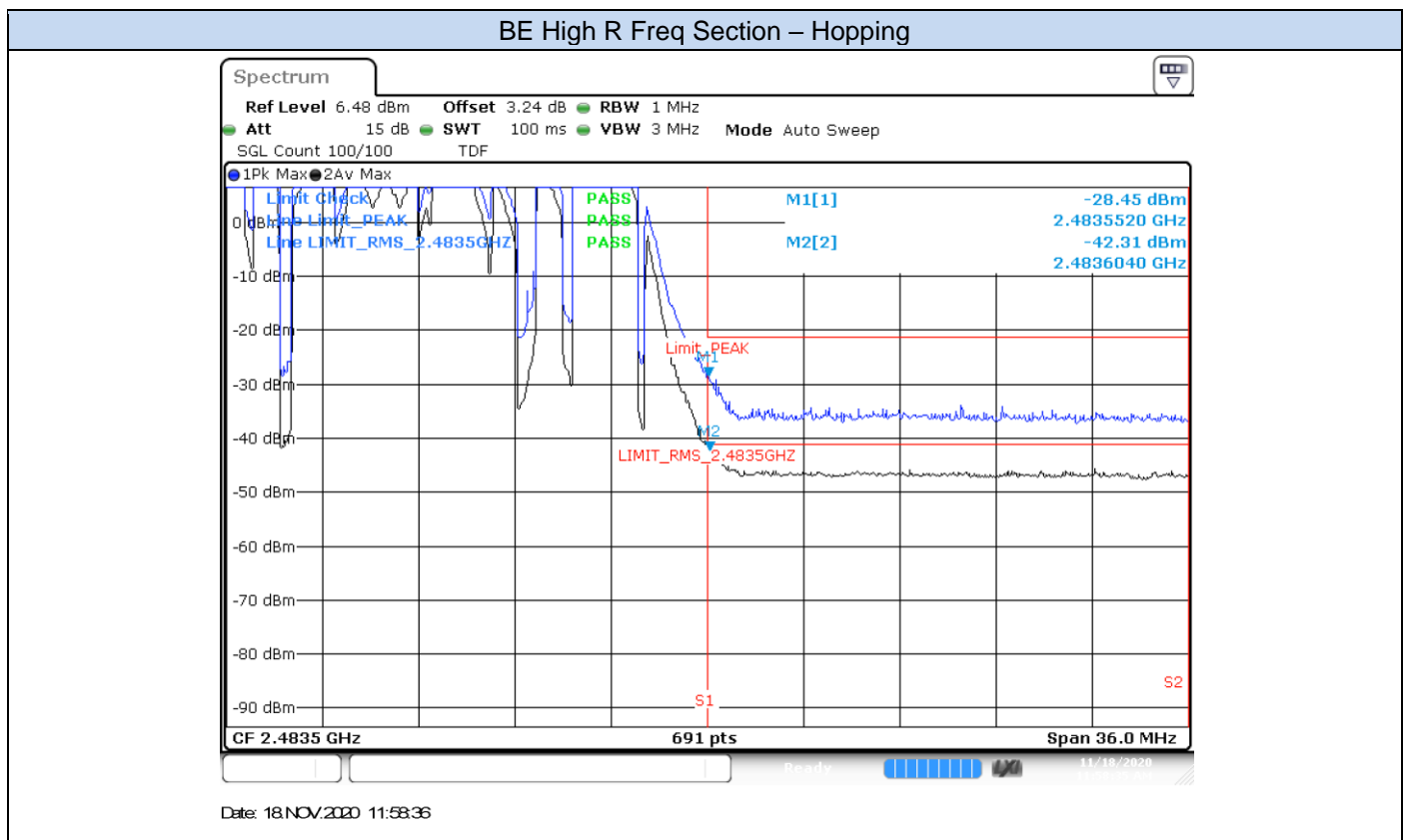


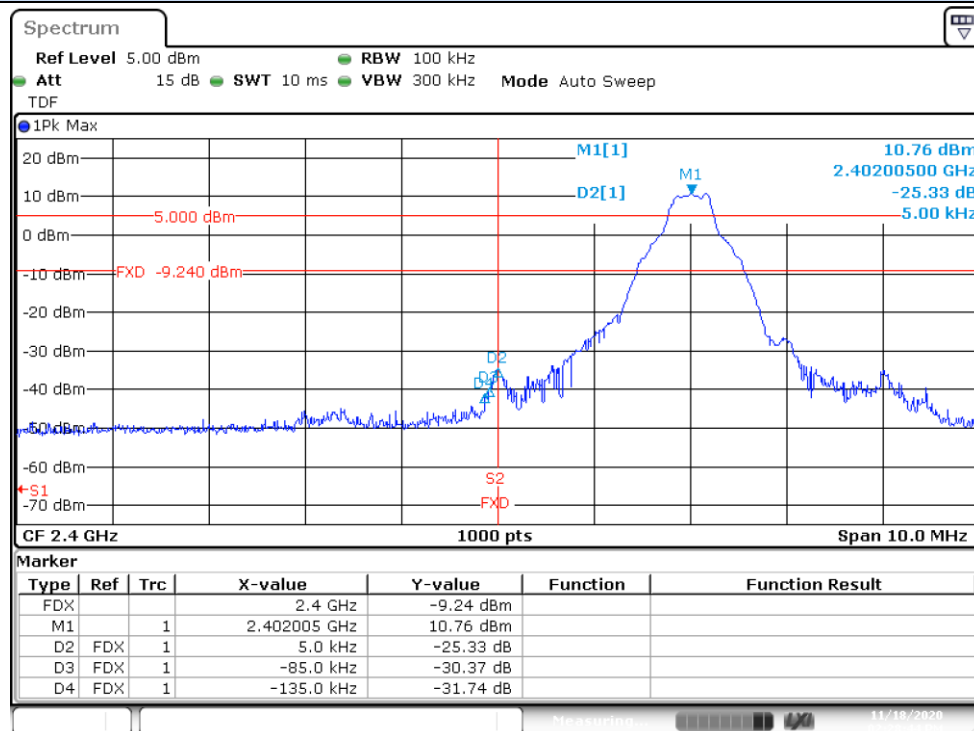
Date: 18 NOV 2020 11:58:00

## BE Low R Freq Section – Hopping

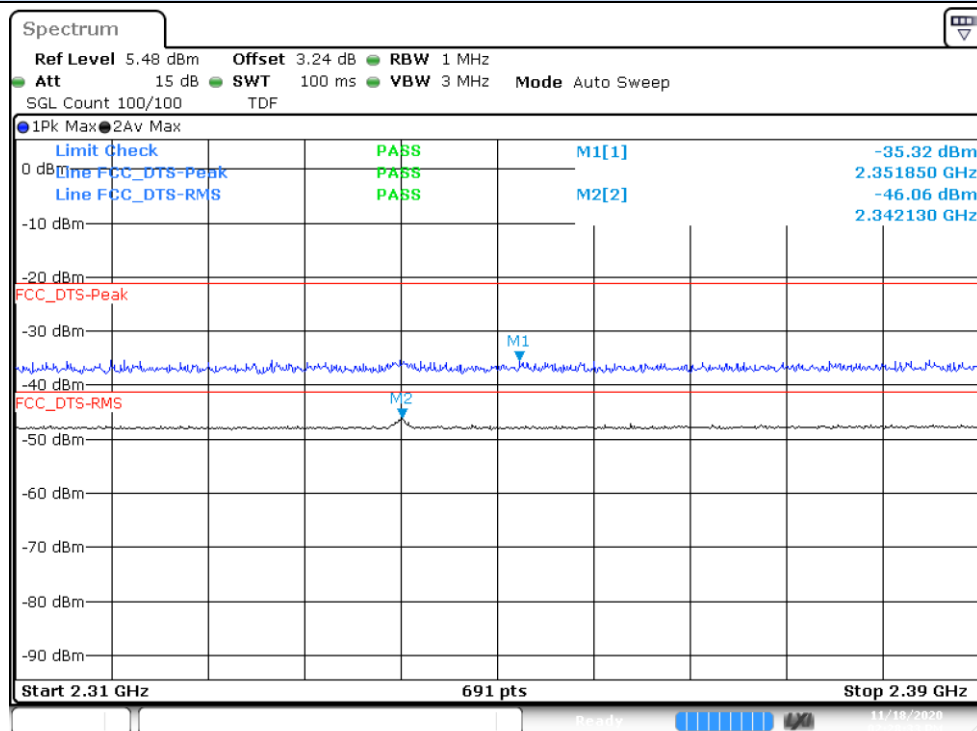


Date: 18 NOV 2020 11:58:24



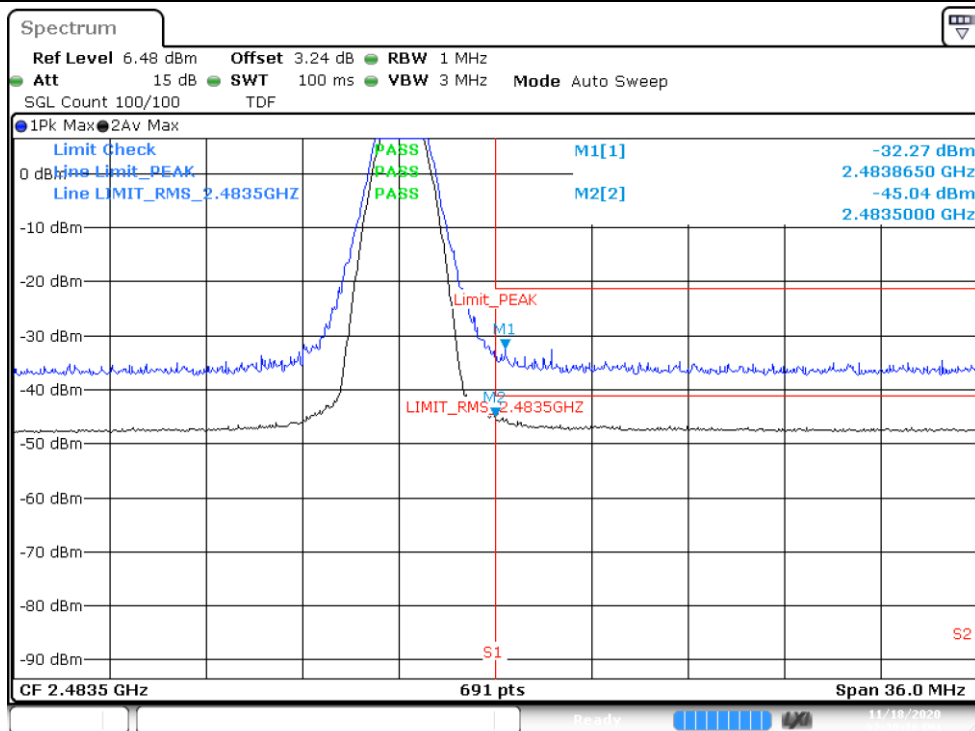
**CHAIN A DIV2\_Basic Rate - GFSK****BE Low NR Freq Section – CH0**

Date: 18.NOV.2020 14:28:45

**BE Low R Freq Section – CH0**

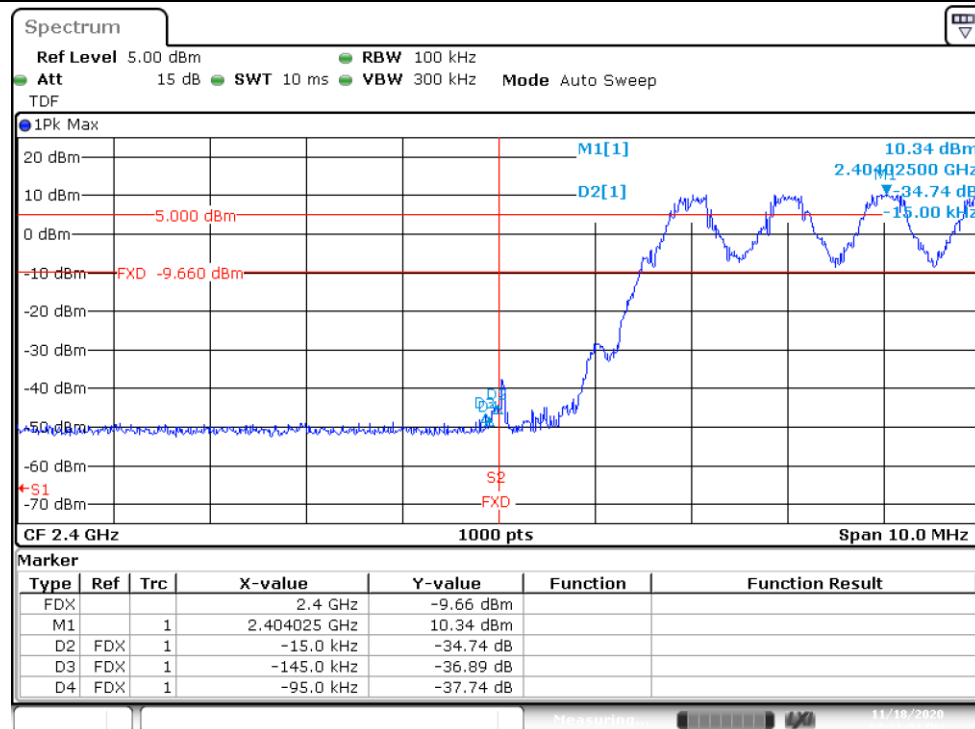
Date: 18.NOV.2020 14:28:34

### BE High R Freq Section – CH78



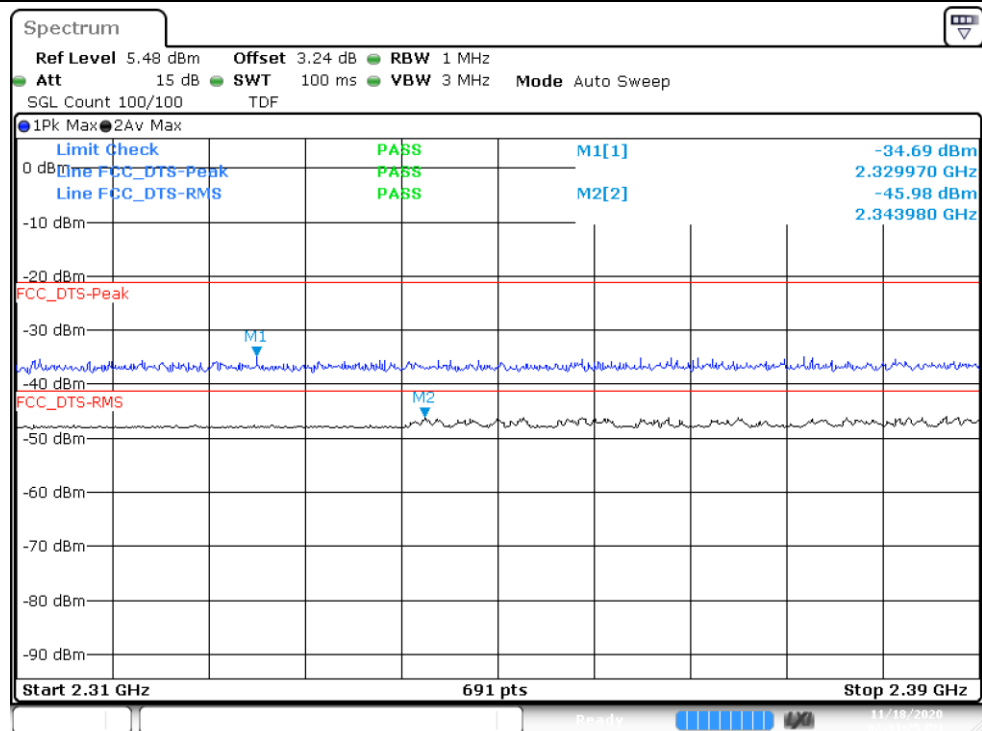
Date: 18 NOV 2020 14:30:17

### BE Low NR Freq Section – Hopping



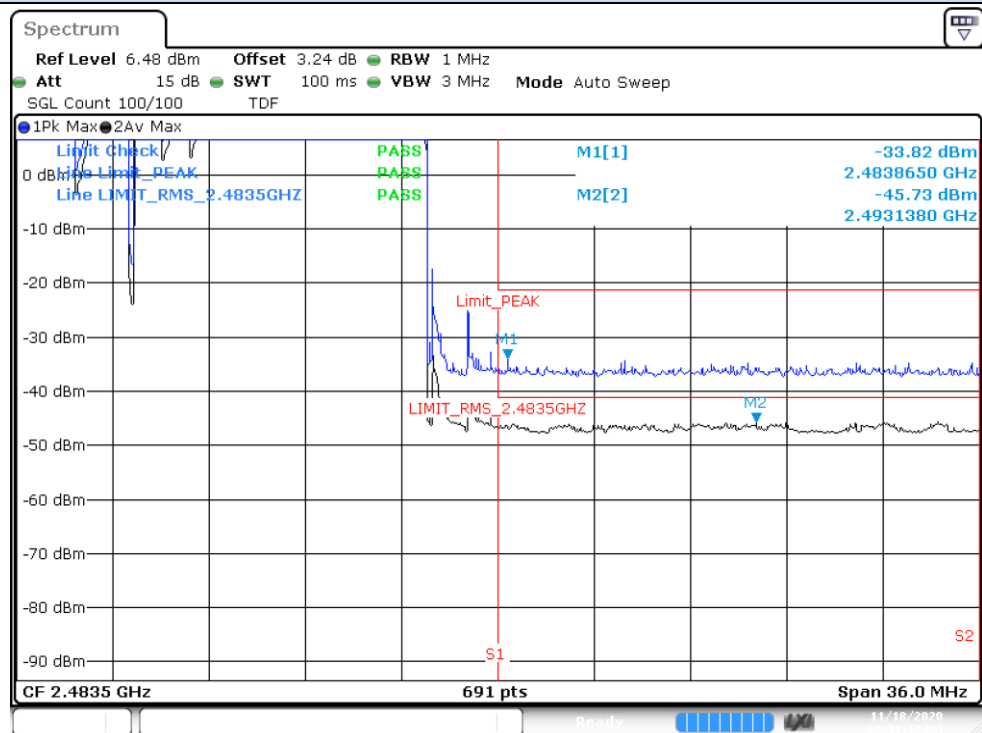
Date: 18 NOV 2020 14:31:02

### BE Low R Freq Section – Hopping



Date: 18 NOV 2020 14:31:25

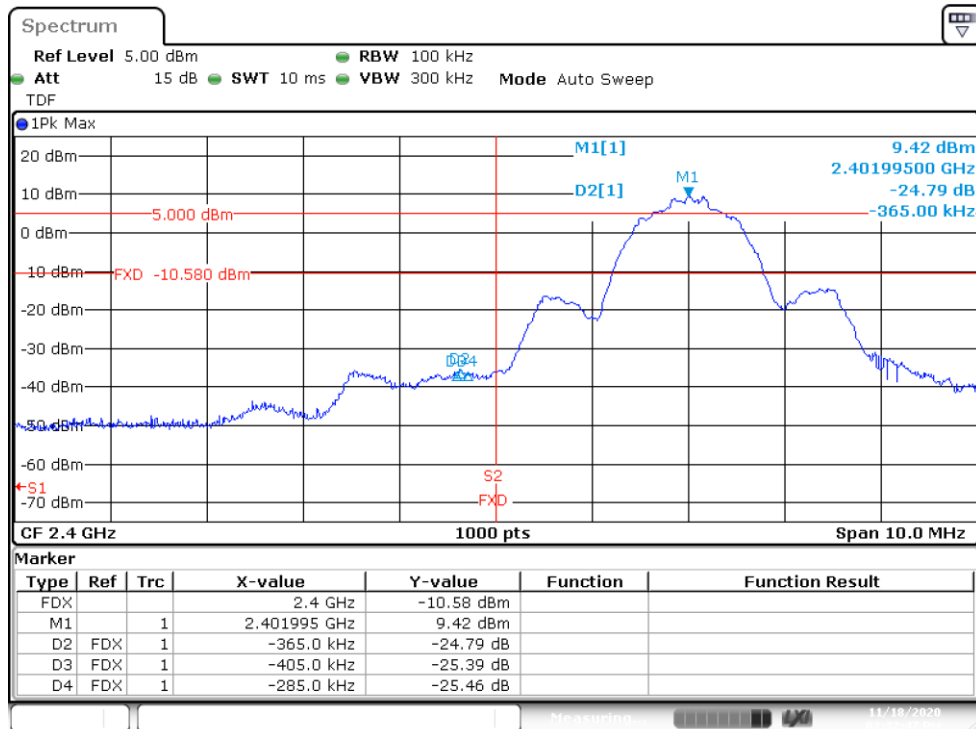
### BE High R Freq Section – Hopping



Date: 18 NOV 2020 14:31:37

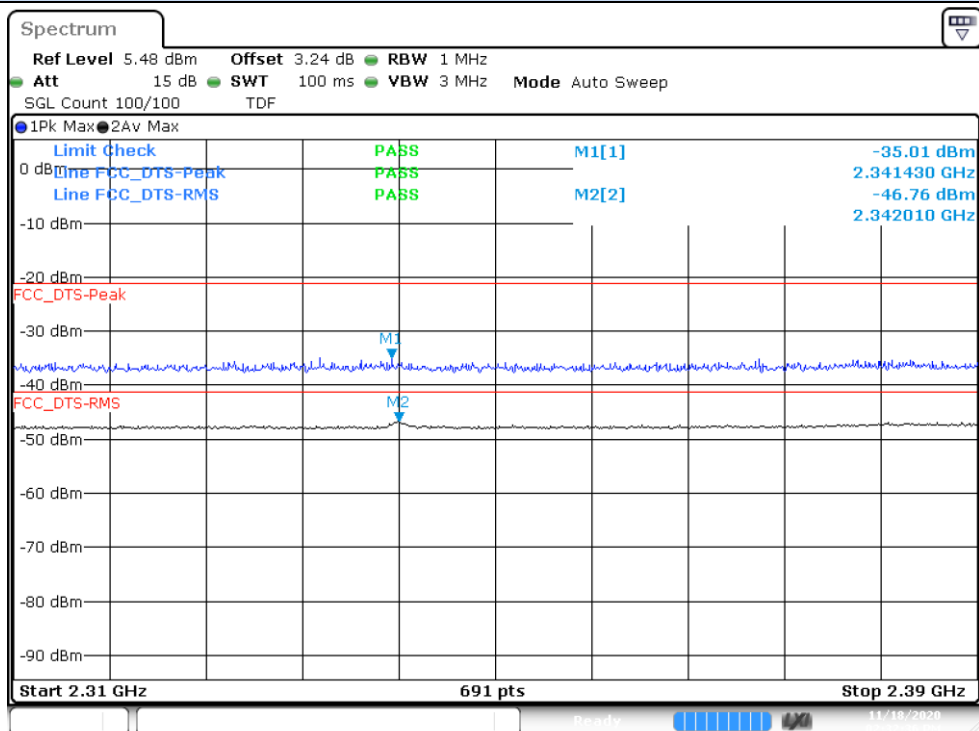
## EDR – $\pi/4$ -DQPSK

## BE Low NR Freq Section – CH0

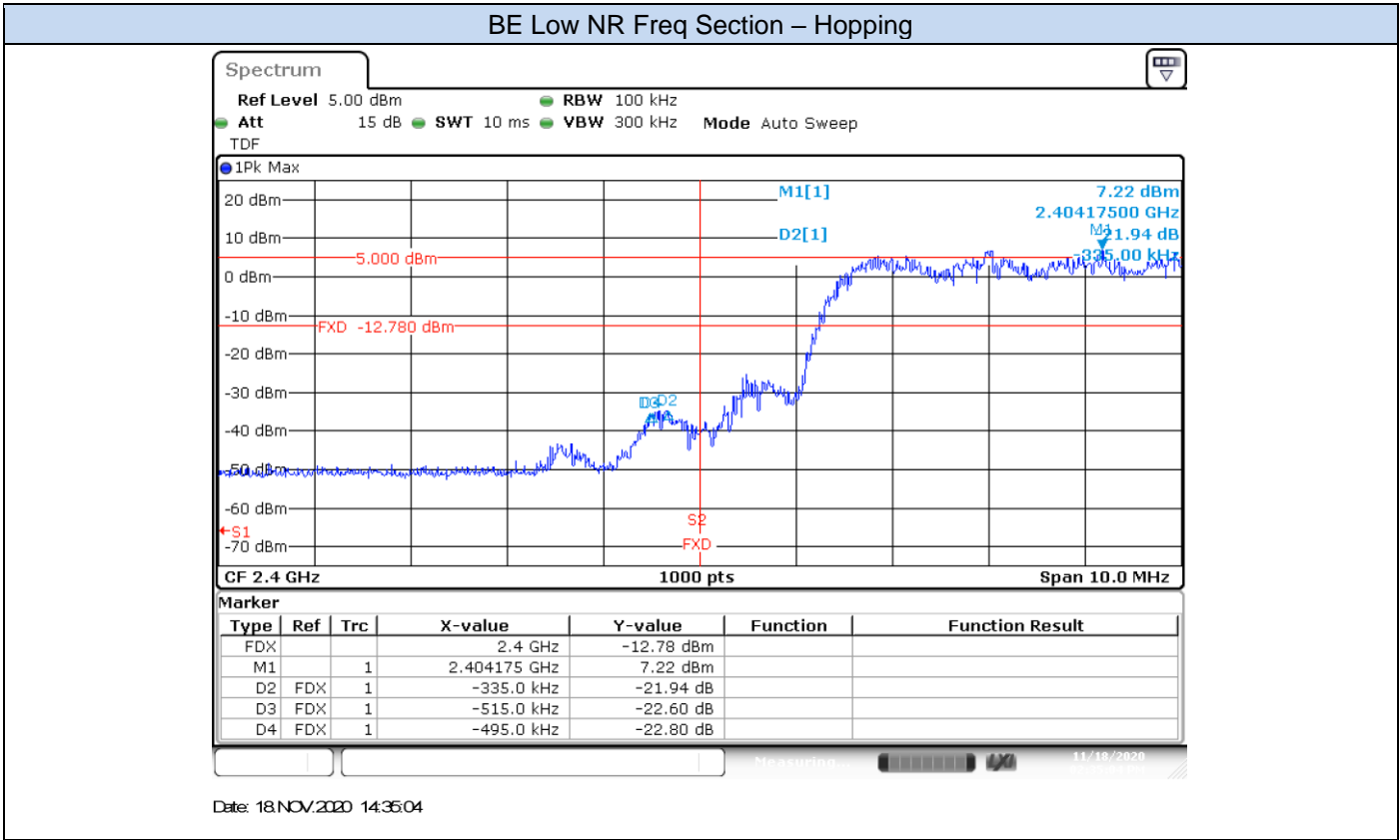
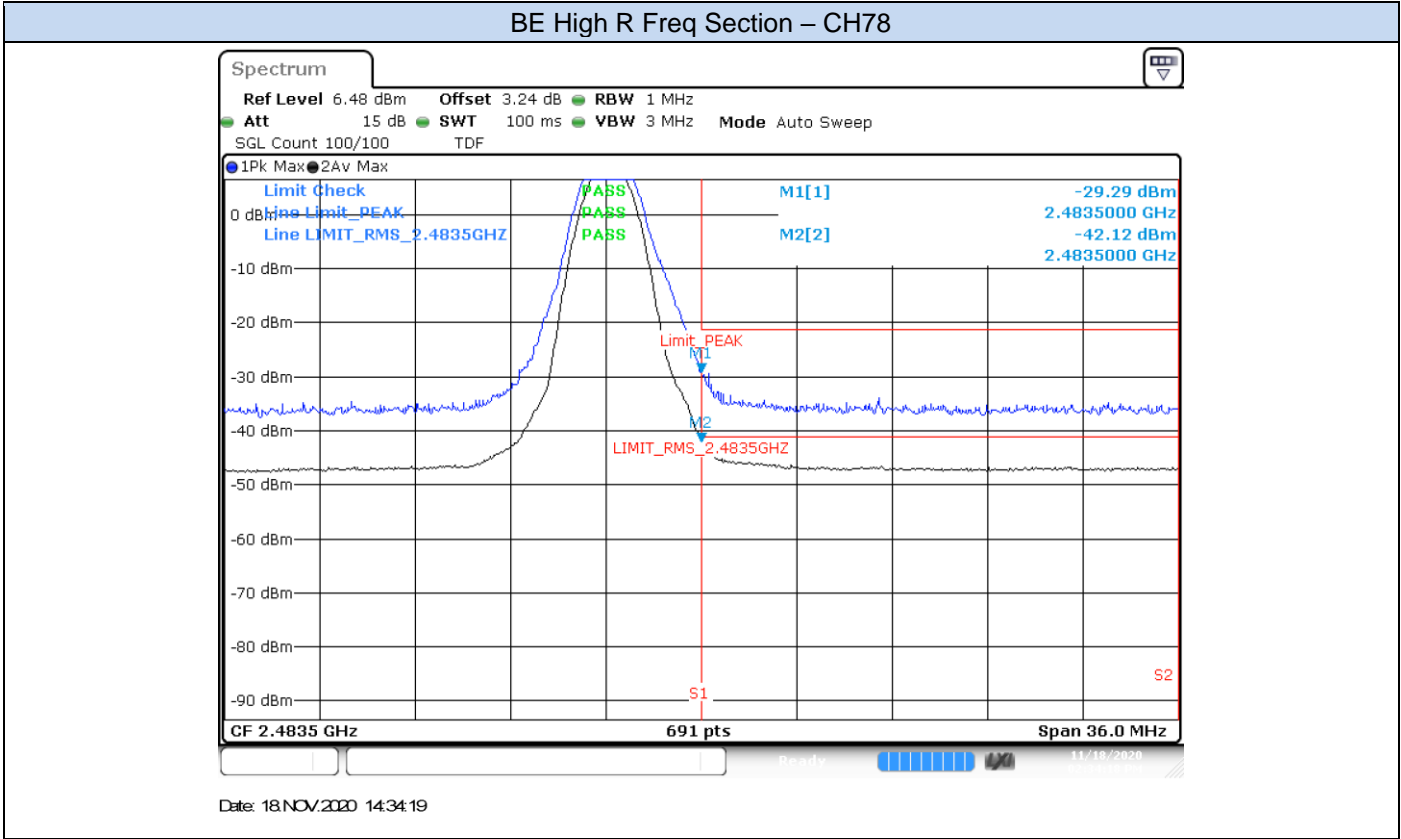


Date: 18.NOV.2020 14:32:47

## BE Low R Freq Section – CH0

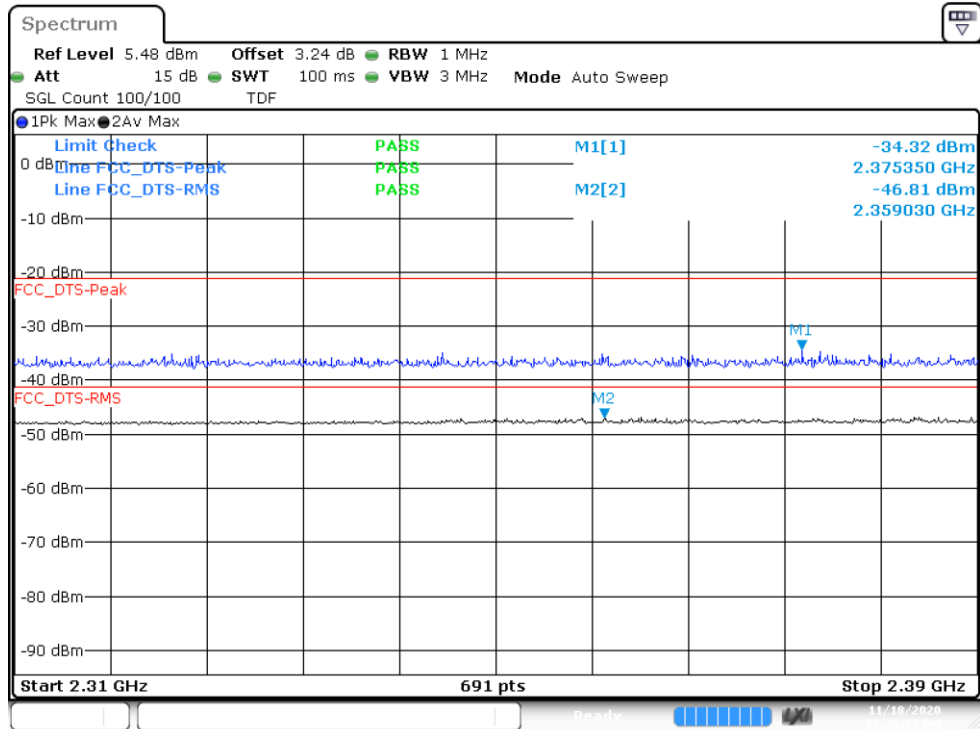


Date: 18.NOV.2020 14:32:36



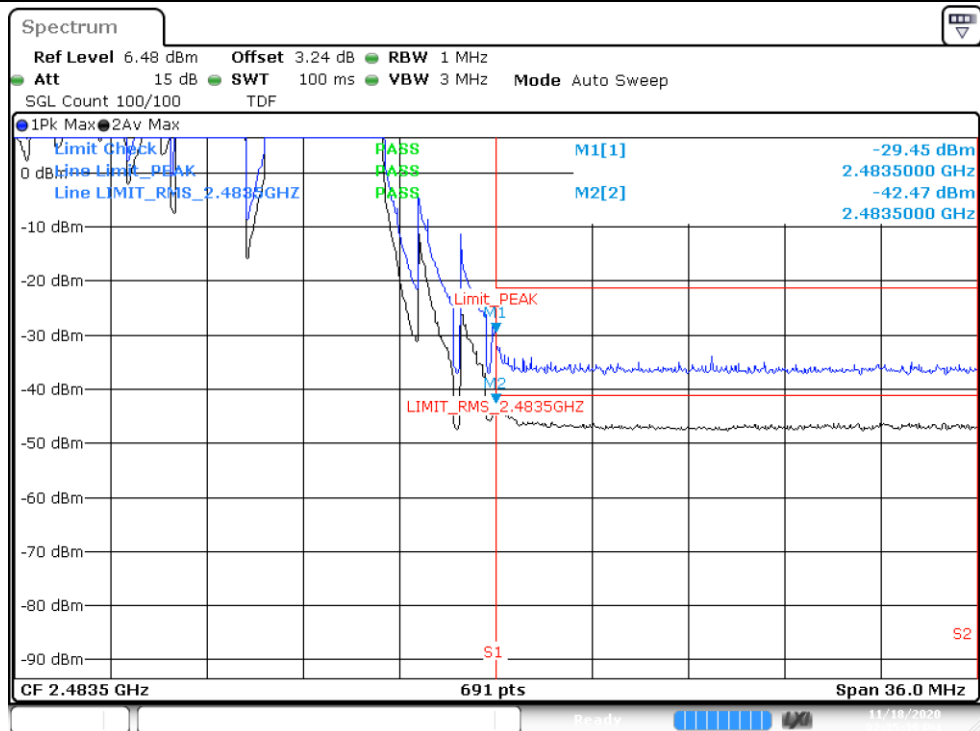


## BE Low R Freq Section – Hopping



Date: 18 NOV. 2020 14:35:27

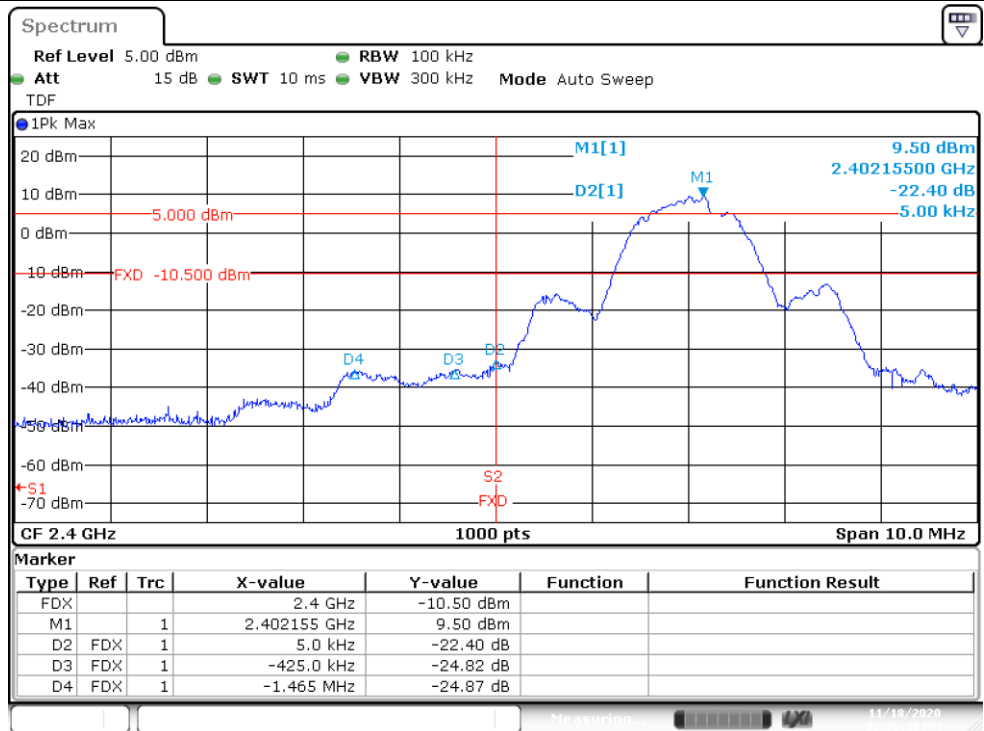
## BE High R Freq Section – Hopping



Date: 18 NOV. 2020 14:35:39

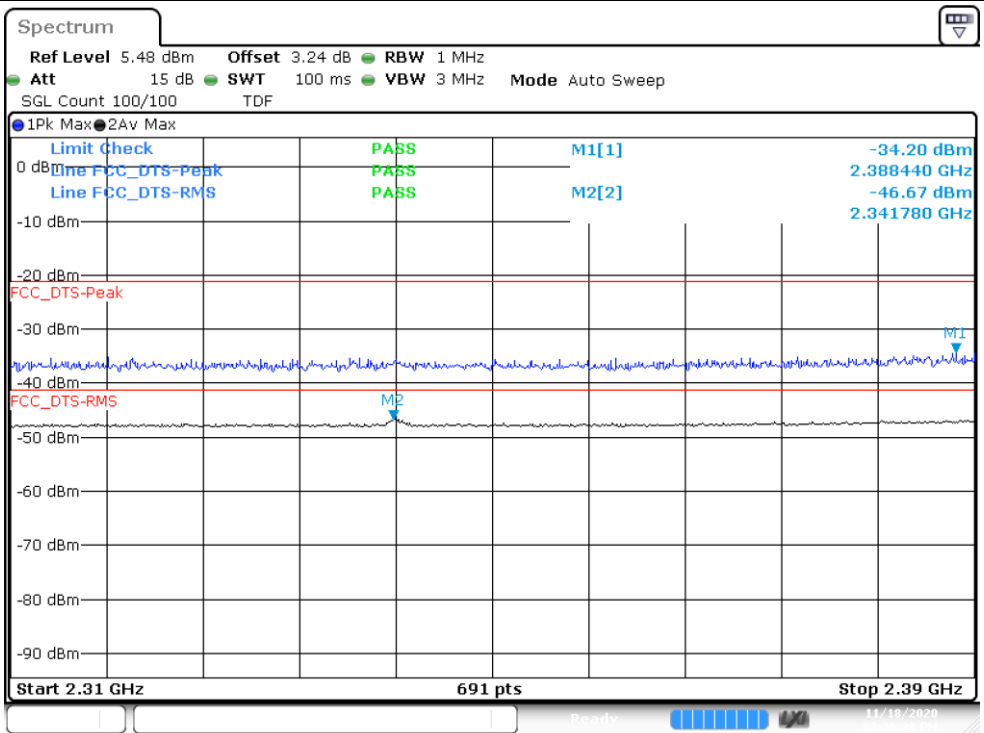
EDR – 8-DPSK

BE Low NR Freq Section – CH0

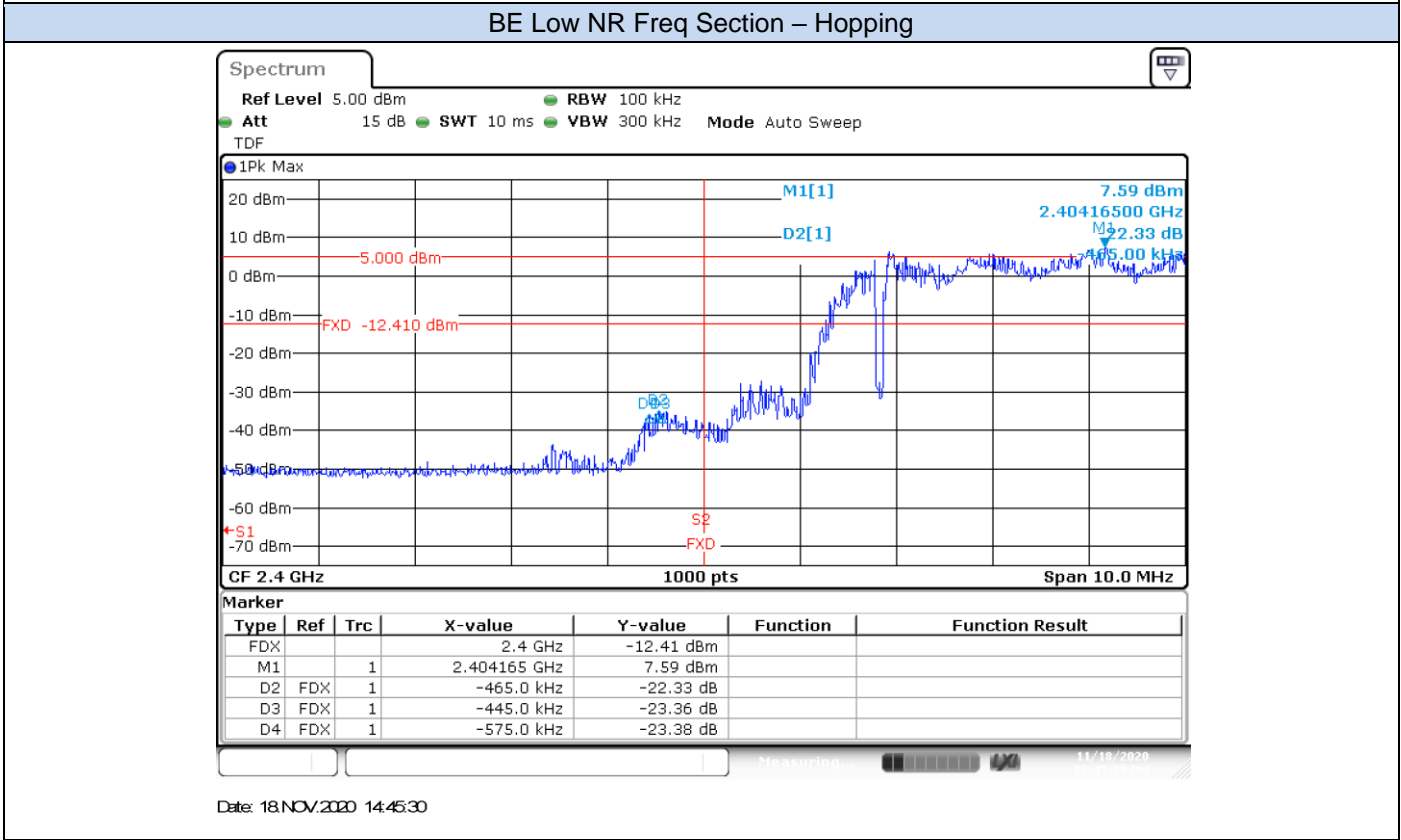
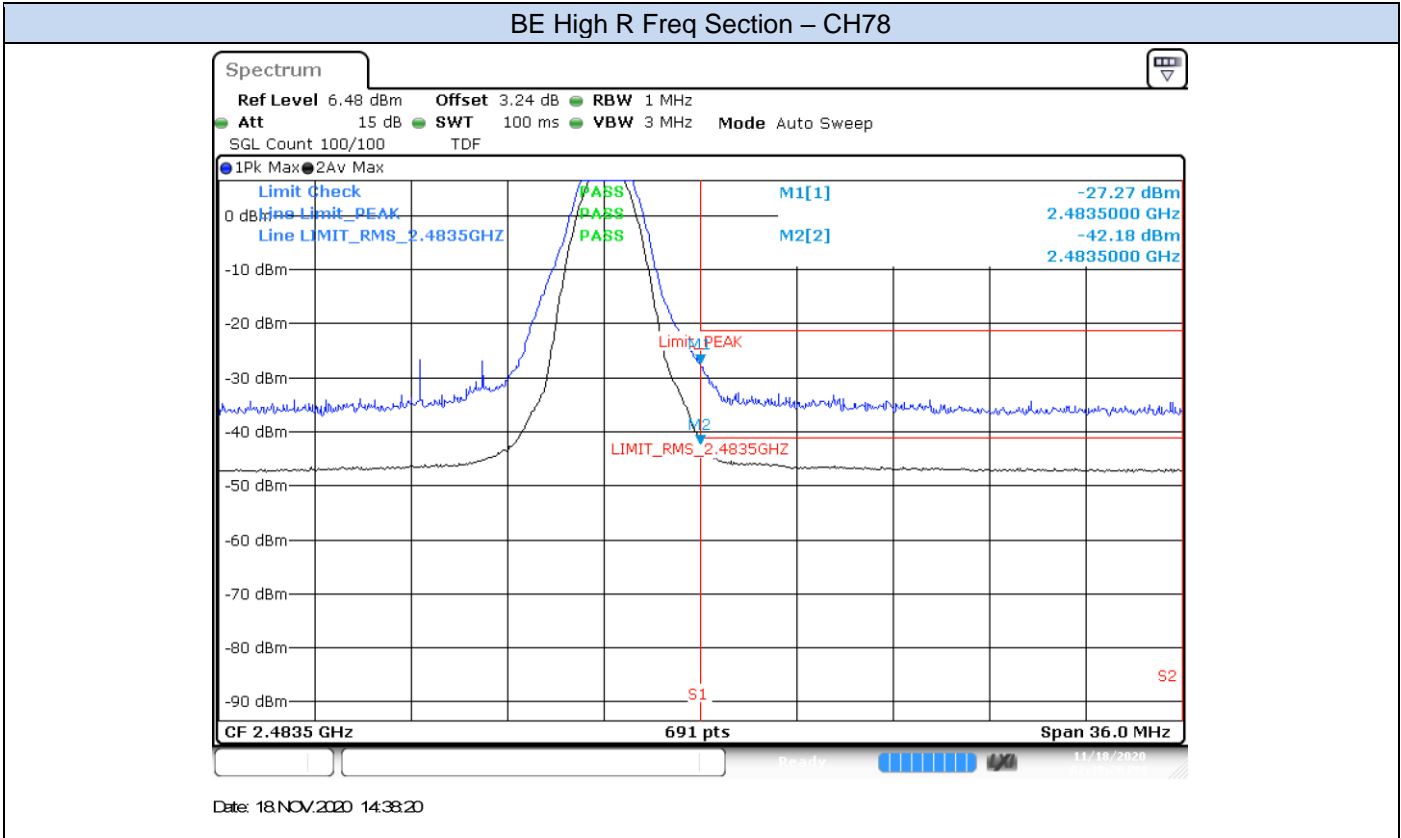


Date: 18 NOV 2020 14:36:49

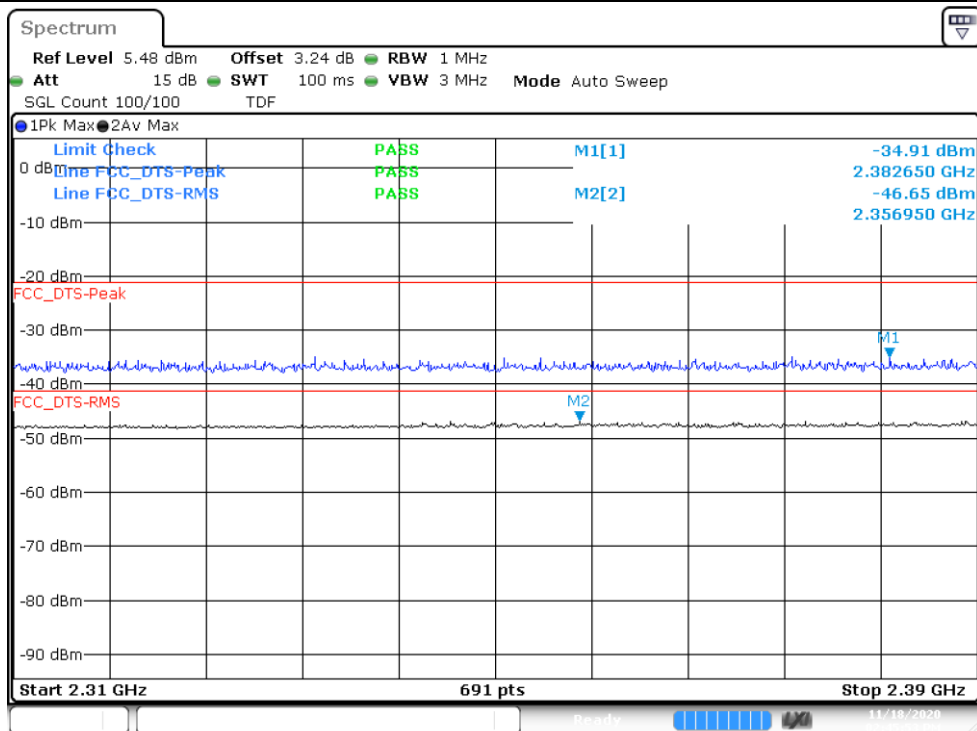
BE Low R Freq Section – CH0



Date: 18 NOV 2020 14:36:38

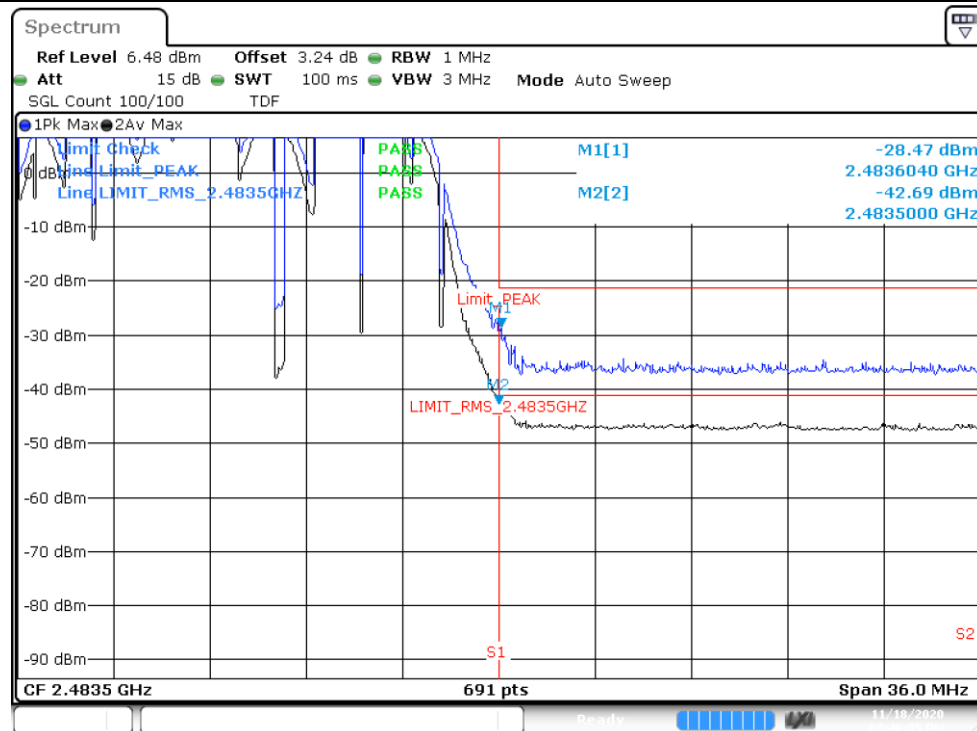


### BE Low R Freq Section – Hopping



Date: 18.NOV.2020 14:45:53

### BE High R Freq Section – Hopping



Date: 18.NOV.2020 14:46:05

**B.6 Radiated spurious emission****B.6.1 Standards references**

FCC part	RSS part	Limits																				
15.247 (d) 15.209 (a)	RSS-247 Clause 5.5  RSS GEN A1 Clause 8.9	Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a):																				
		<table><tr><th>Freq Range (MHz)</th><th>Field Streghth (μV/m)</th><th>Field Streghth (dBμV/m)</th><th>Meas. Distance (m)</th></tr><tr><td>30-88</td><td>100</td><td>40</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>43.5</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>46</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>54</td><td>3</td></tr></table>	Freq Range (MHz)	Field Streghth (μV/m)	Field Streghth (dBμV/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
		Freq Range (MHz)	Field Streghth (μV/m)	Field Streghth (dBμV/m)	Meas. Distance (m)																	
		30-88	100	40	3																	
		88-216	150	43.5	3																	
216-960	200	46	3																			
Above 960	500	54	3																			
The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.																						
For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.																						

**B.6.2 Test procedure**

The radiated setups shown in section *Test & System Description* were used to measure the radiated spurious emissions.

Depending of the frequency range and bands being tested, different antennas and filters were used.

The final measurement is done by varying the antenna height from 1 m to 4 m, the EUT azimuth over 360° and for both Vertical and Horizontal polarizations.

The radiated spurious emission was measured on the worst case configuration found.

**B.6.3 Test Results****Radiated spurious - 30 MHz – 1 GHz****Radiated Spurious – All modes**

Frequency	Quasi-Peak	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dB	---
37.5	27.7	40.0	12.3	V
122.1	16.0	43.5	27.5	V

Note 1: The spurious signals detected do not depend on either the operating channel or the modulation mode

**1 GHz - 26 GHz, BR – GFSK****Radiated Spurious – CH0 DH5 – DIV 1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
3385.0	61.6	---	74.0	12.4	H
3388.0	---	48.5	54.0	5.5	H
17844.5	53.5	---	74.0	20.5	H
17855.5	---	41.4	54.0	12.6	V
19214.5	47.4	---	74.0	26.6	V
19215.0	---	37.2	54.0	16.8	V
23220.0	48.0	---	74.0	26.0	V
23220.0	---	38.4	54.0	15.6	V

**Radiated Spurious – CH39 DH5 – DIV1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4882.0	51.9	---	74.0	22.1	V
4882.0	---	40.6	54.0	13.4	V
17828.0	54.4	---	74.0	19.6	H
17837.5	---	41.5	54.0	12.5	V
19527.0	---	37.4	54.0	16.6	V
19529.0	48.5	---	74.0	25.5	V
22000.0	46.8	---	74.0	27.2	V
22000.0	---	36.7	54.0	17.3	V
24408.5	49.0	---	74.0	25.0	V
24409.0	---	38.9	54.0	15.1	V

**Radiated Spurious – CH78 DH5 – DIV1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBµV/m	dBµV/m	dBµV/m	dB	---
4960.0	53	---	74.0	21.0	V
4960.0	---	41.2	54.0	12.8	V
17814.5	54.6	---	74.0	19.4	H
17856.5	---	41.5	54.0	12.5	H
19839.0	---	39.7	54.0	14.3	V
19841.5	49.7	---	74.0	24.3	V
21999.0	47.3	---	74.0	26.7	V
22000.0	---	37.8	54.0	16.2	V
24802.0	49.5	---	74.0	24.5	V
24802.5	---	40.0	54.0	14.0	V

# 1 GHz - 26 GHz, BR – GFSK

## Radiated Spurious – CH0 DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3378.5	61.4	---	74.0	12.6	H
3384.0	---	48.5	54.0	5.5	H
17856.5	54.6	---	74.0	19.4	H
17859.5	---	41.4	54.0	12.6	V
19215.0	---	37.5	54.0	16.5	V
19217.0	47.1	---	74.0	26.9	V
22000.0	48.5	---	74.0	25.5	V
22000.0	---	36.6	54.0	17.4	V
24020.0	48.8	---	74.0	25.2	H
24021.5	---	37.4	54.0	16.6	V

## Radiated Spurious – CH39 DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3385.5	61.3	---	74.0	12.7	H
3388.0	---	48.5	54.0	5.5	H
17841.5	54.2	---	74.0	19.8	V
17856.0	---	41.4	54.0	12.6	V
19529.0	48.3	---	74.0	25.7	V
19529.0	---	38.1	54.0	15.9	V
22000.5	46.9	---	74.0	27.1	V
22000.0	---	36.9	54.0	17.1	V
24411.5	49.5	---	74.0	24.5	V
24411.5	---	38.8	54.0	15.2	V



**Radiated Spurious – CH78 DH5 – DIV 2**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
4956.5	52.7	---	74.0	21.3	V
4960.0	---	41.1	54.0	12.9	V
17832.0	---	41.6	54.0	12.4	V
17843.5	54.2	---	74.0	19.8	H
19839.0	49.2	---	74.0	24.8	V
19839.5	---	38.8	54.0	15.2	V
21999.5	47.6	---	74.0	26.4	H
22000.0	---	36.7	54.0	17.3	V
24802.0	49.0	---	74.0	25.0	V
24798.5	---	37.7	54.0	16.3	V

**30 MHz – 26.5 GHz, EDR –  $\pi/4$ -DQPSK****Radiated Spurious – CH0 2DH5 – DIV 1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3399.0	62.1	---	74.0	11.9	V
3400.0	---	48.6	54.0	5.4	H
9608.5	---	38.1	54.0	15.9	H
9609.0	49.1	---	74.0	24.9	H
14412.5	---	42.2	54.0	11.8	V
14412.5	52.5	---	74.0	21.5	V
22001.5	47.4	---	74.0	26.6	H
22000.0	---	37.0	54.0	17.0	V

## Radiated Spurious – CH39 2DH5 – DIV 1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3397.5	---	48.7	54	5.3	V
3398.5	61.5	---	74	12.5	H
9763.5	---	36.9	54	17.1	H
9764.5	46.8	---	74	27.2	H
14642.5	50.8	---	74	23.2	H
14645.5	---	38.6	54	15.4	V
22000.5	47.4	---	74	26.6	V
22000.0	---	36.8	54.0	17.2	V

## Radiated Spurious – CH78 2DH5 – DIV1

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3382.0	61.6	---	74.0	12.4	H
3382.5	---	48.6	54.0	5.4	H
9920.0	48.4	---	74.0	25.6	H
9920.0	---	38.8	54.0	15.2	H
14879.0	---	40.8	54.0	13.2	V
14880.5	52.5	---	74.0	21.5	V
19838.5	47.2	---	74.0	26.8	V
19839.0	---	36.1	54.0	17.9	V
21999.5	47.4	---	74.0	26.6	V
22000.0	---	36.6	54.0	17.4	V

### 30 MHz – 26.5 GHz, EDR – $\pi/4$ -DQPSK

#### Radiated Spurious – CH0 2DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
3396.0	---	48.6	54.0	5.4	H
3396.5	62	---	74.0	12.0	V
9608.5	---	38.8	54.0	15.2	H
9608.5	48.8	---	74.0	25.2	H
14412.5	---	42.1	54.0	11.9	V
14412.5	51.4	---	74.0	22.6	V
22001.5	47.7	---	74.0	26.3	H
22000.0	---	36.3	54.0	31.9	V

#### Radiated Spurious – CH39 2DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
3396.5	---	48.7	54.0	5.3	H
3397.5	61.2	---	74.0	12.8	H
9764.5	---	36.8	54.0	17.2	H
9765.0	48.2	---	74.0	25.8	H
14645.0	---	38.7	54.0	15.3	V
14646.5	50	---	74.0	24.0	V
22001.0	47.7	---	74.0	26.3	V
22000.0	---	36.4	54.0	17.6	V

**Radiated Spurious – CH78 2DH5 – DIV 2**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3359.5	---	48.7	54.0	5.3	H
3361.0	61.9	---	74.0	12.1	V
9915.5	48.9	---	74.0	25.1	H
9920.5	---	38.3	54.0	15.7	H
14879.0	---	40.8	54.0	13.2	V
14880.0	51.6	---	74.0	22.4	V
19840.0	---	36.1	54.0	17.9	V
19842.0	46.8	---	74.0	27.2	V
22000.0	47.6	---	74.0	26.4	V
22000.0	---	36.1	54.0	17.9	V

**30 MHz – 26.5 GHz, EDR – 8-DPSK****Radiated Spurious – CH0 3DH5 – DIV 1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3375.0	---	48.5	54.0	5.5	V
3375.0	61.9	---	74.0	12.1	H
9607.5	48.7	---	74.0	25.3	H
9608.0	---	38.9	54.0	15.1	H
14411.0	52.2	---	74.0	21.8	V
14412.5	---	42.2	54.0	11.8	V
22000.0	47.2	---	74.0	26.8	H
22000.0	---	36.7	54.0	17.3	V

**Radiated Spurious – CH39 3DH5 – DIV 1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3382.0	61.6	---	74.0	12.4	H
3383.5	---	48.4	54.0	5.6	H
9764.5	---	37	54.0	17.0	H
9766.5	47.5	---	74.0	26.5	V
14646.0	---	38.8	54.0	15.2	V
14648.5	50	---	74.0	24.0	H
22003.0	48.4	---	74.0	25.6	H
22000.0	---	36.3	54.0	17.7	V

**Radiated Spurious – CH78 3DH5 – DIV 1**

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3388.5	61.5	---	74.0	12.5	V
3391.0	---	48.8	54.0	5.2	V
9920.0	49.2	---	74.0	24.8	H
9920.0	---	38.7	54.0	15.3	H
14880.0	---	41.2	54.0	12.8	V
14880.0	51.8	---	74.0	22.2	V
19840.0	---	36.4	54.0	17.6	V
19840.5	47.6	---	74.0	26.4	H
22001.0	47.3	---	74.0	26.7	V
22000.0	---	36.4	54.0	17.6	V

### 30 MHz – 26.5 GHz, EDR – 8-DPSK

#### Radiated Spurious – CH0 3DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3368.5	---	48.6	54.0	5.4	V
3370.0	61.5	---	74.0	12.5	H
9608.0	48.5	---	74.0	25.5	H
9608.0	---	38.9	54.0	15.1	H
14411.0	51.8	---	74.0	22.2	V
14411.5	---	42.6	54.0	11.4	V
21989.5	49.2	---	74.0	24.8	V
22000.0	---	37.0	54.0	17.0	V

#### Radiated Spurious – CH39 3DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dBμV/m	dBμV/m	dBμV/m	dB	---
3374.5	---	48.4	54.0	5.6	V
3374.5	61.8	---	74.0	12.2	H
9763.0	47.5	---	74.0	26.5	V
9764.0	---	37.2	54.0	16.8	H
14645.5	50	---	74.0	24.0	V
14646.0	---	38.9	54.0	15.1	V
21999.5	47.5	---	74.0	26.5	H
22000.0	---	36.8	54.0	17.2	V

### Radiated Spurious – CH78 3DH5 – DIV 2

Frequency	MaxPeak	Average	Limit	Margin	Polar
MHz	dB $\mu$ V/m	dB $\mu$ V/m	dB $\mu$ V/m	dB	---
3394.0	61.9	---	74	12.1	H
3396.0	---	48.6	54	5.4	V
9919.5	48.2	---	74	25.8	H
9919.5	---	37.9	54	16.1	H
14880.0	---	40.9	54	13.1	V
14883.5	50.8	---	74	23.2	V
19840.0	---	36.6	54	17.4	V
19842.5	46.4	---	74	27.6	V
22000.0	47.4	---	74	26.6	V
22000.0	---	36.5	54.0	17.5	V