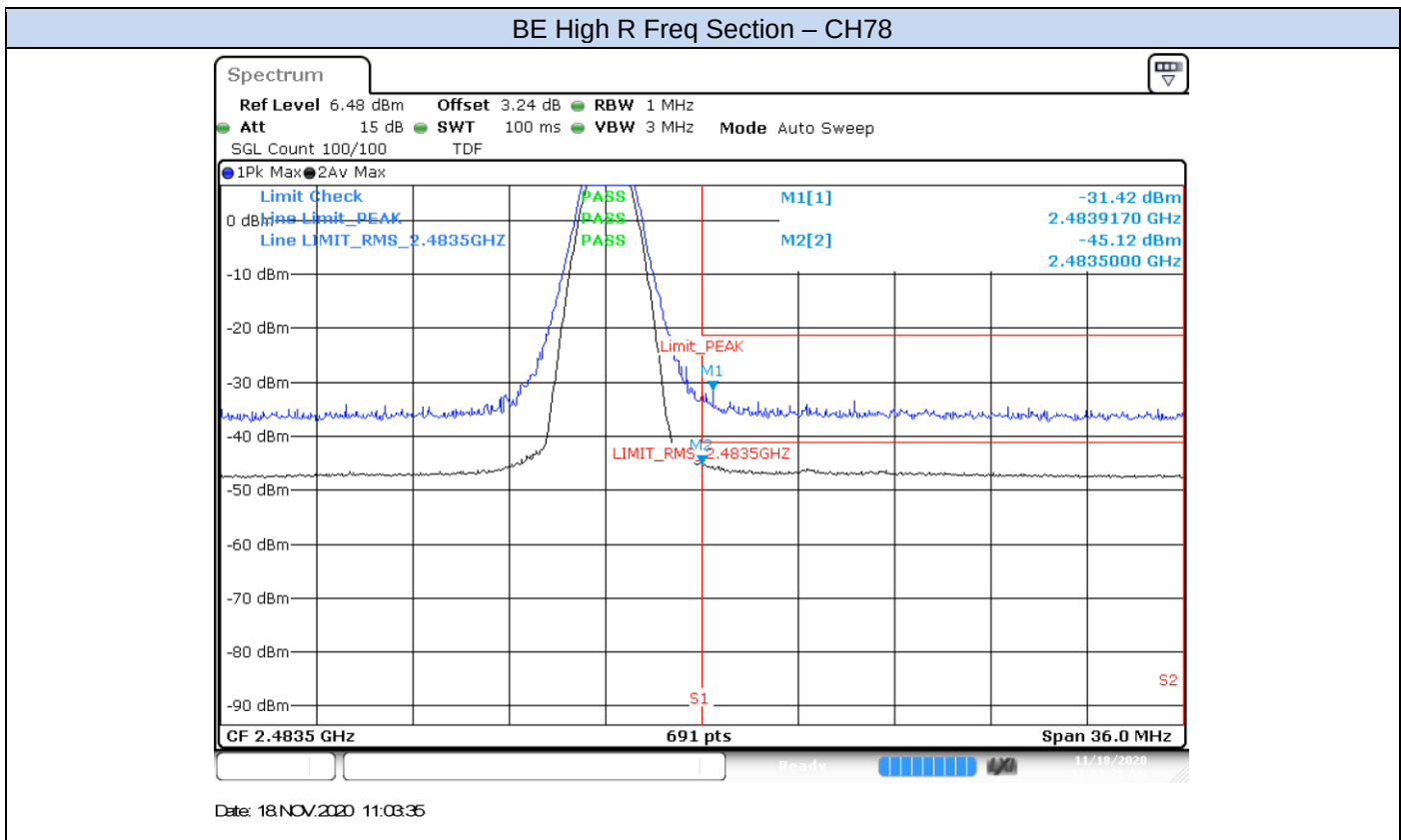
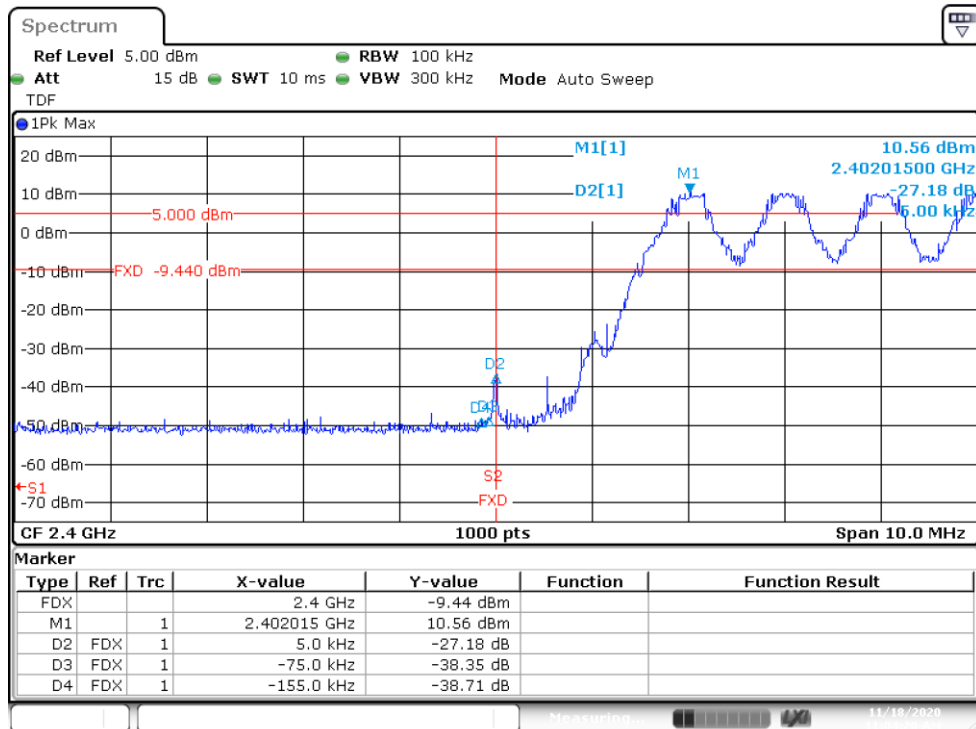


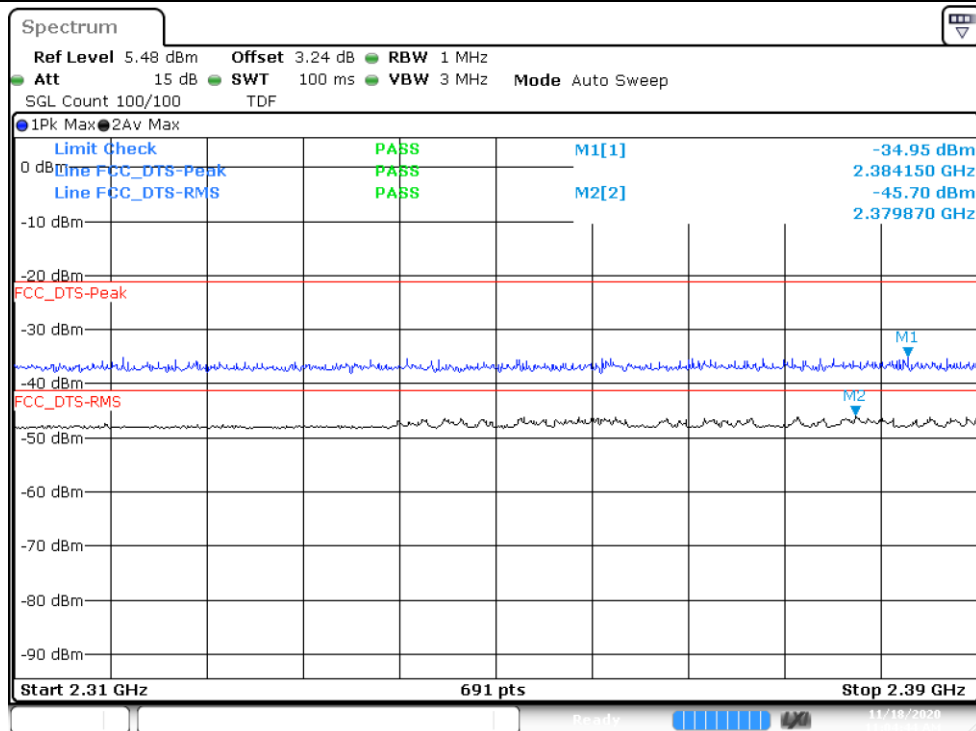


BE Low NR Freq Section – Hopping

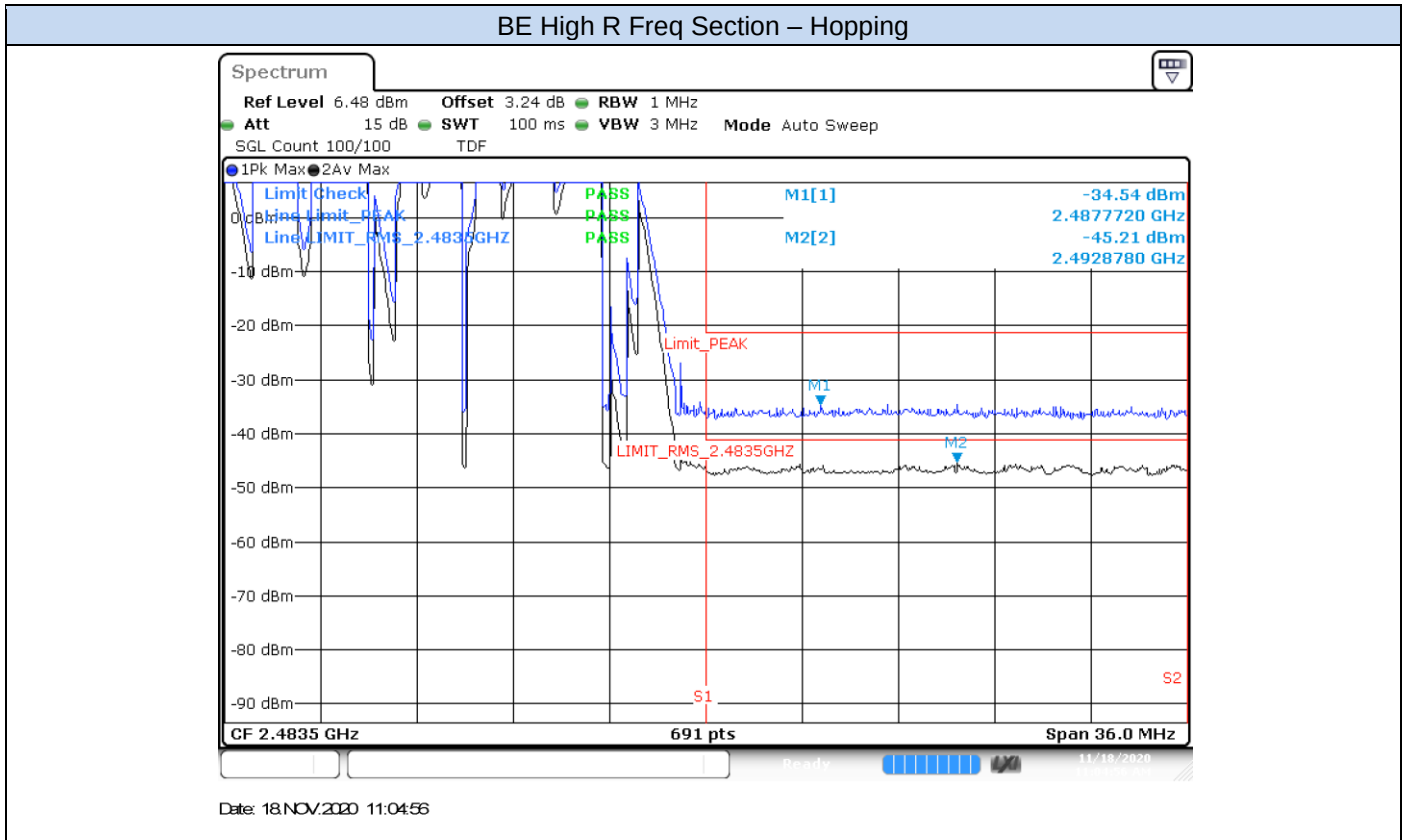


Date: 18 NOV 2020 11:04:21

BE Low R Freq Section – Hopping

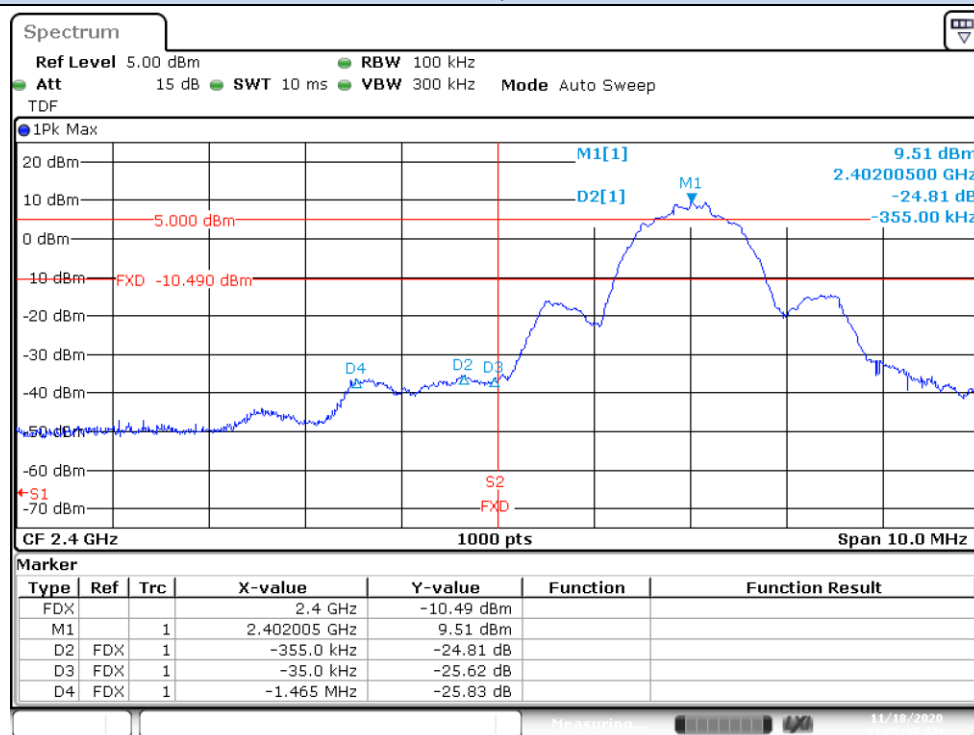


Date: 18 NOV 2020 11:04:44



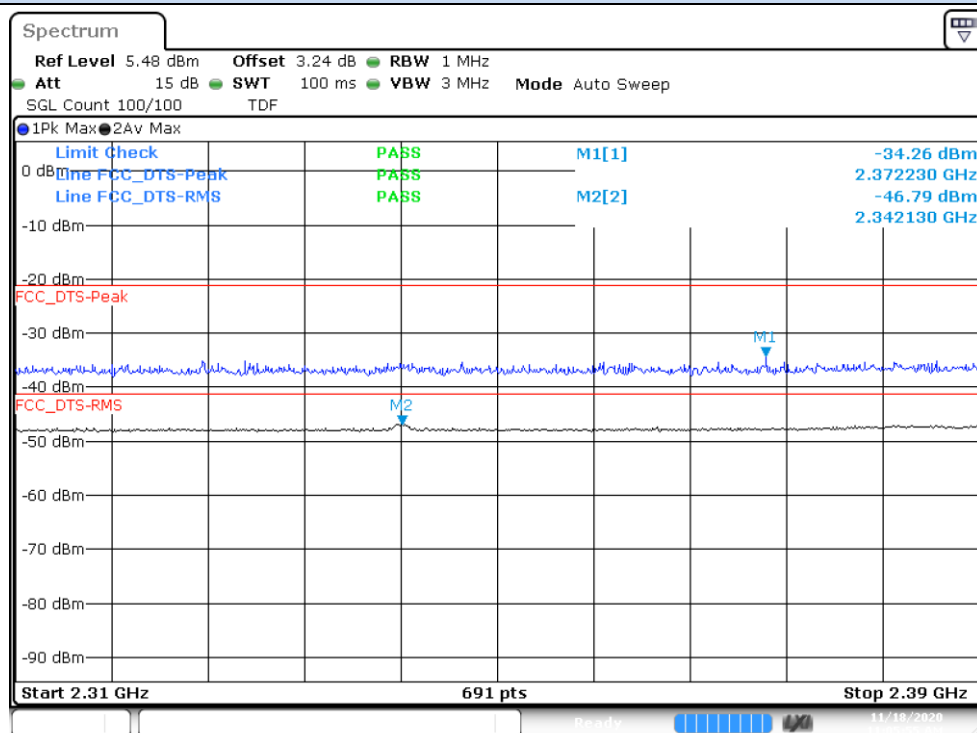
EDR – $\pi/4$ -DQPSK

BE Low NR Freq Section – CH0

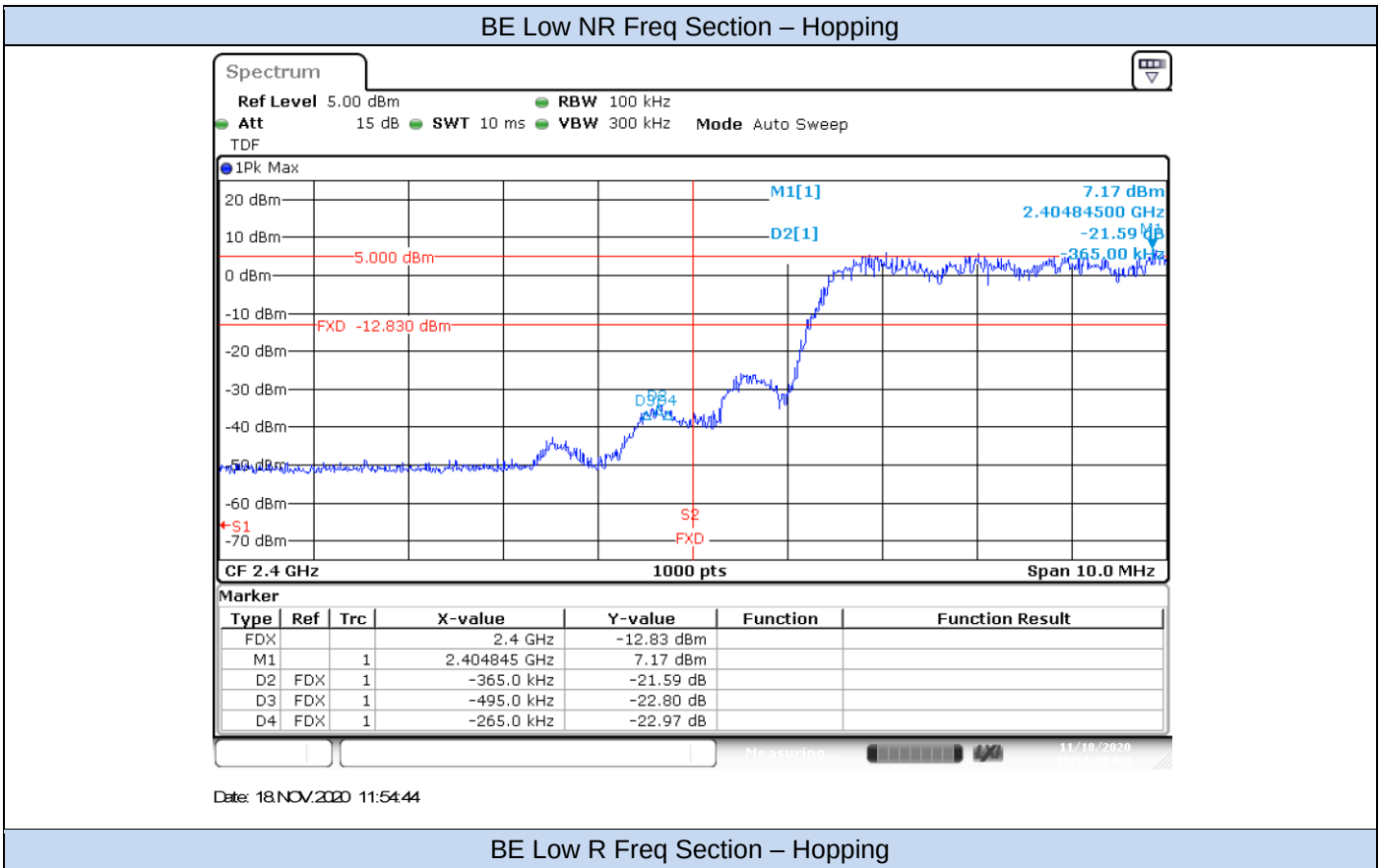
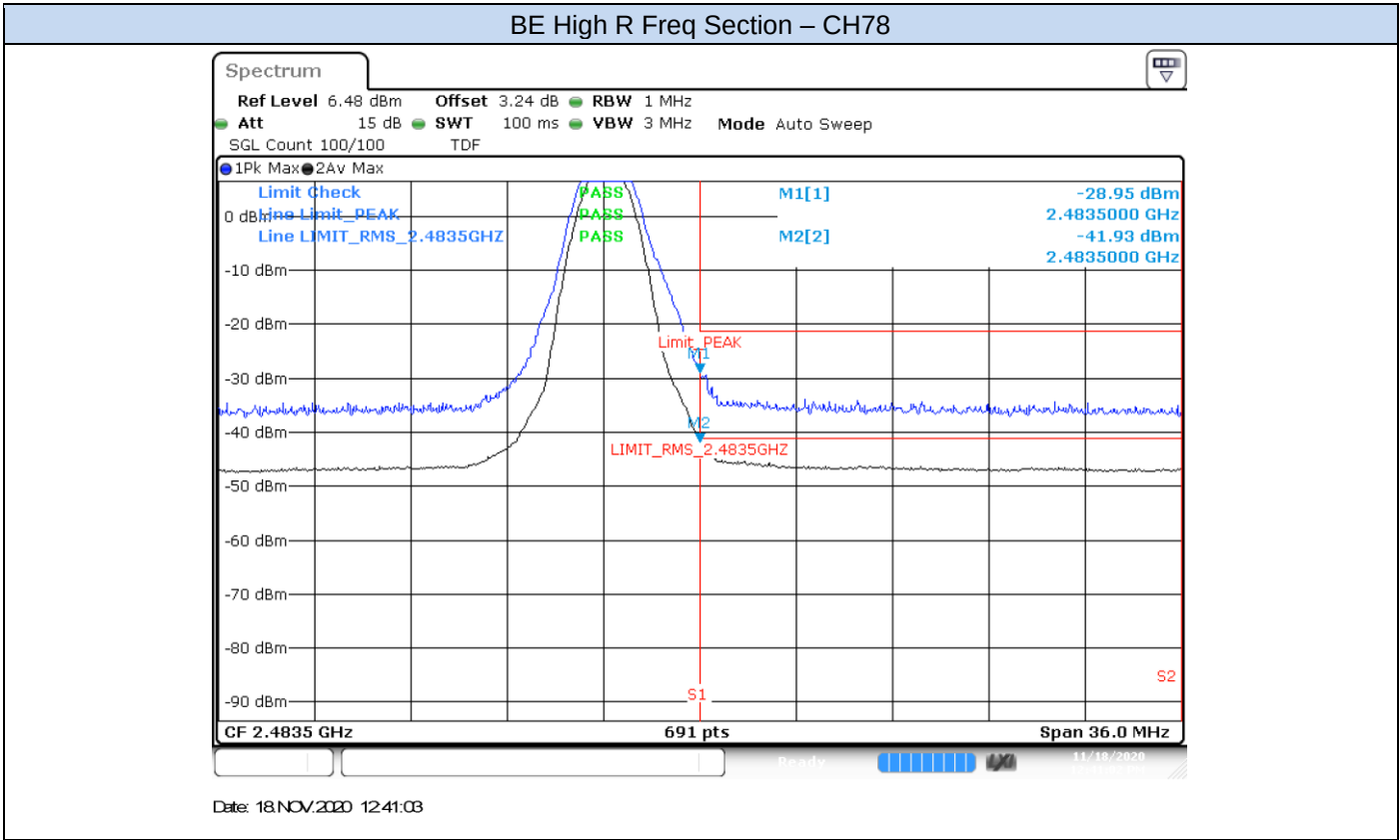


Date: 18 NOV.2020 11:06:07

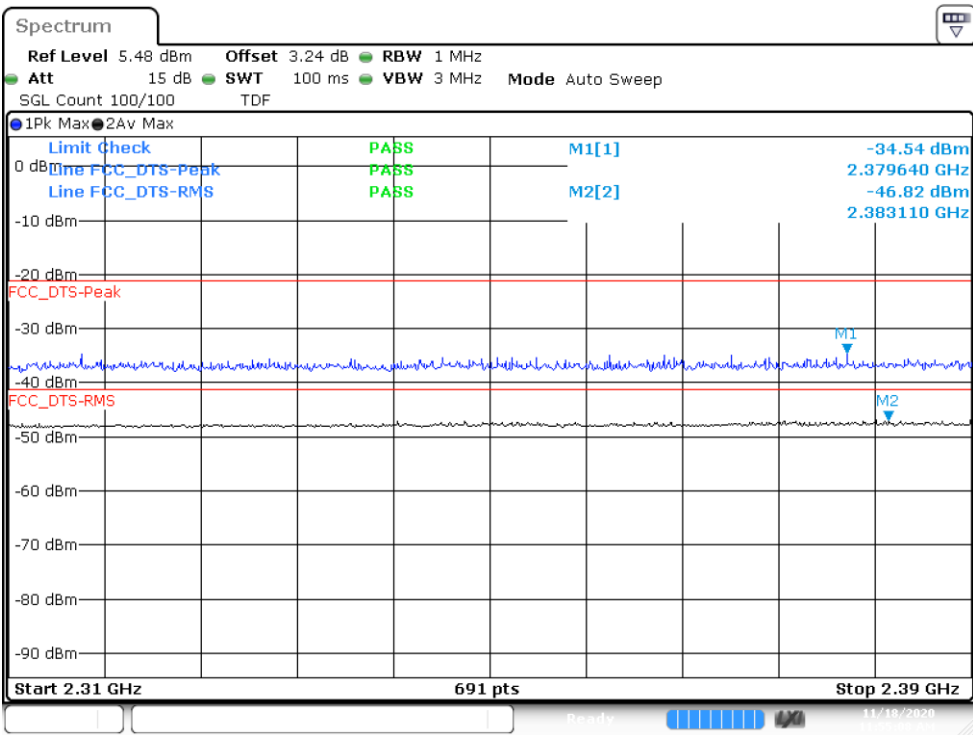
BE Low R Freq Section – CH0



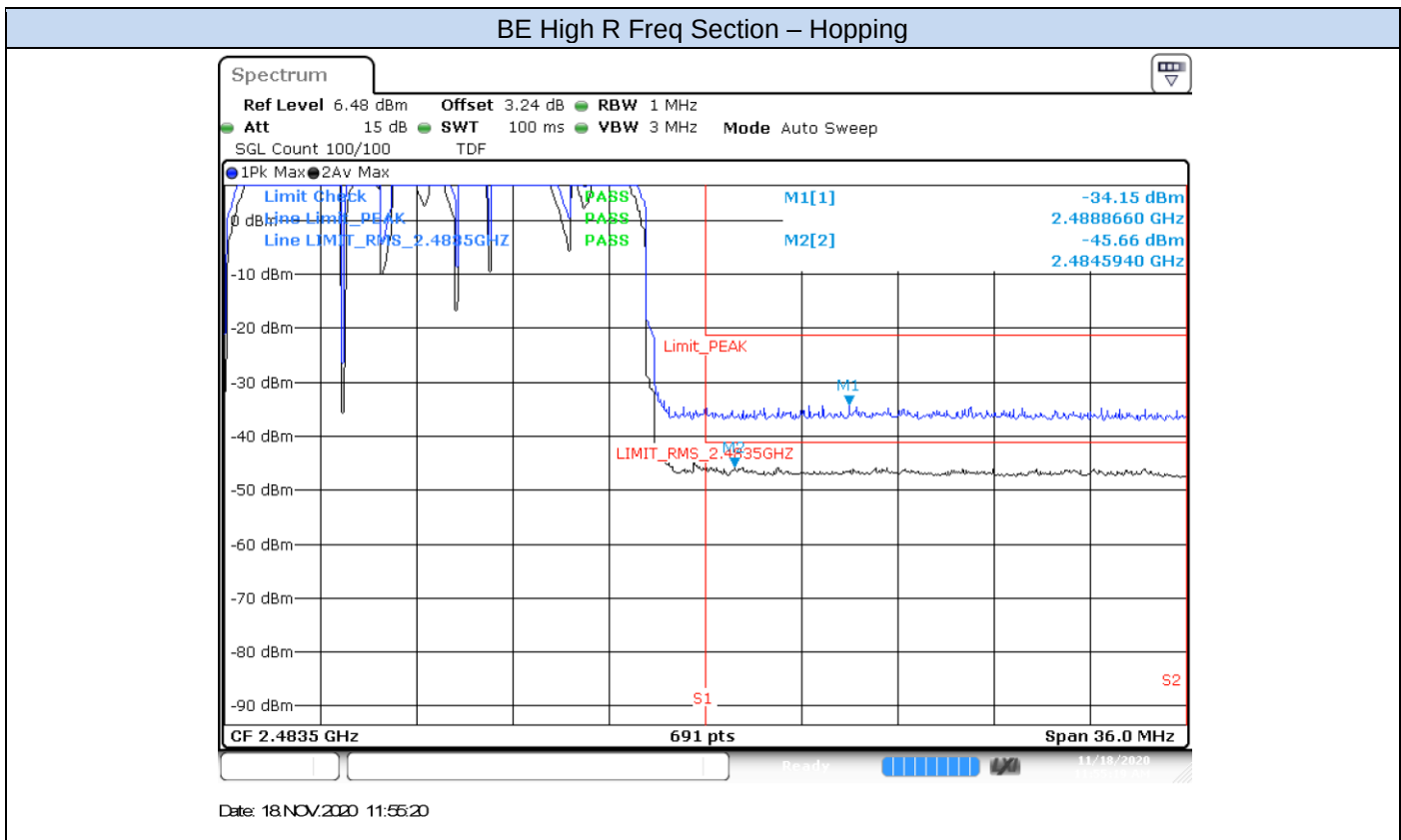
Date: 18 NOV.2020 11:05:56



BE Low R Freq Section – Hopping

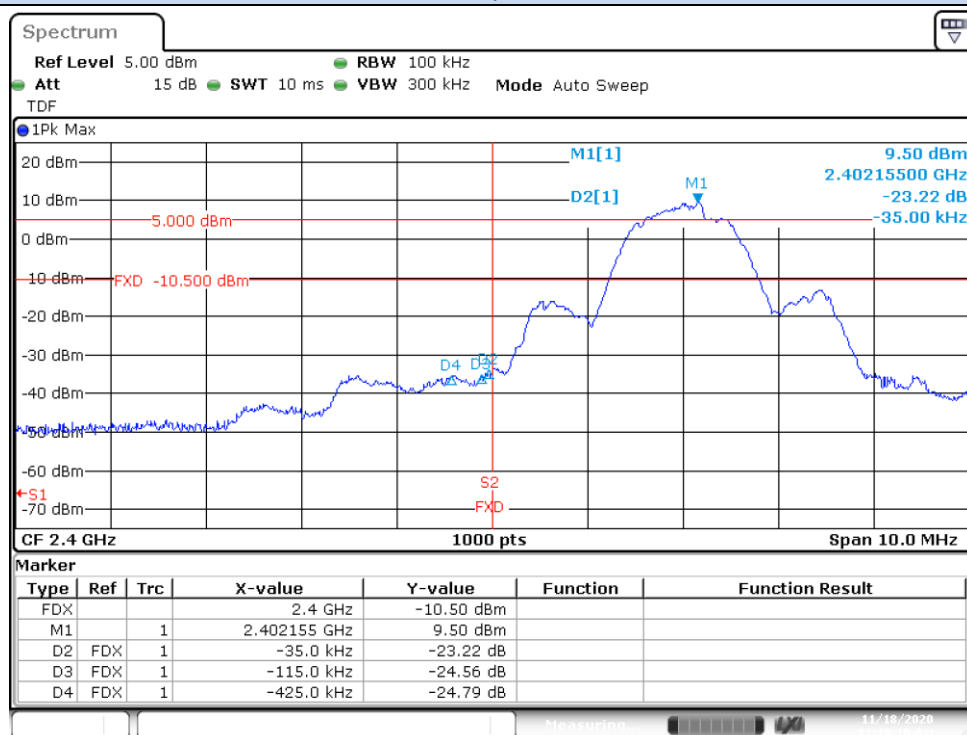


Date: 18.NOV.2020 11:55:08



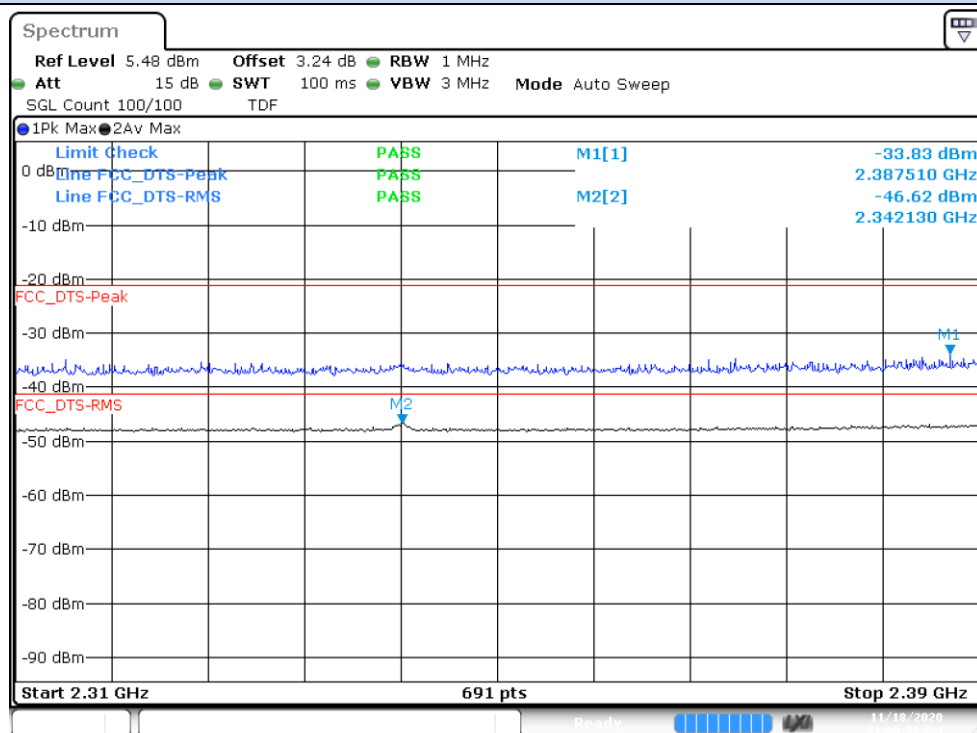
EDR – 8-DPSK

BE Low NR Freq Section – CH0

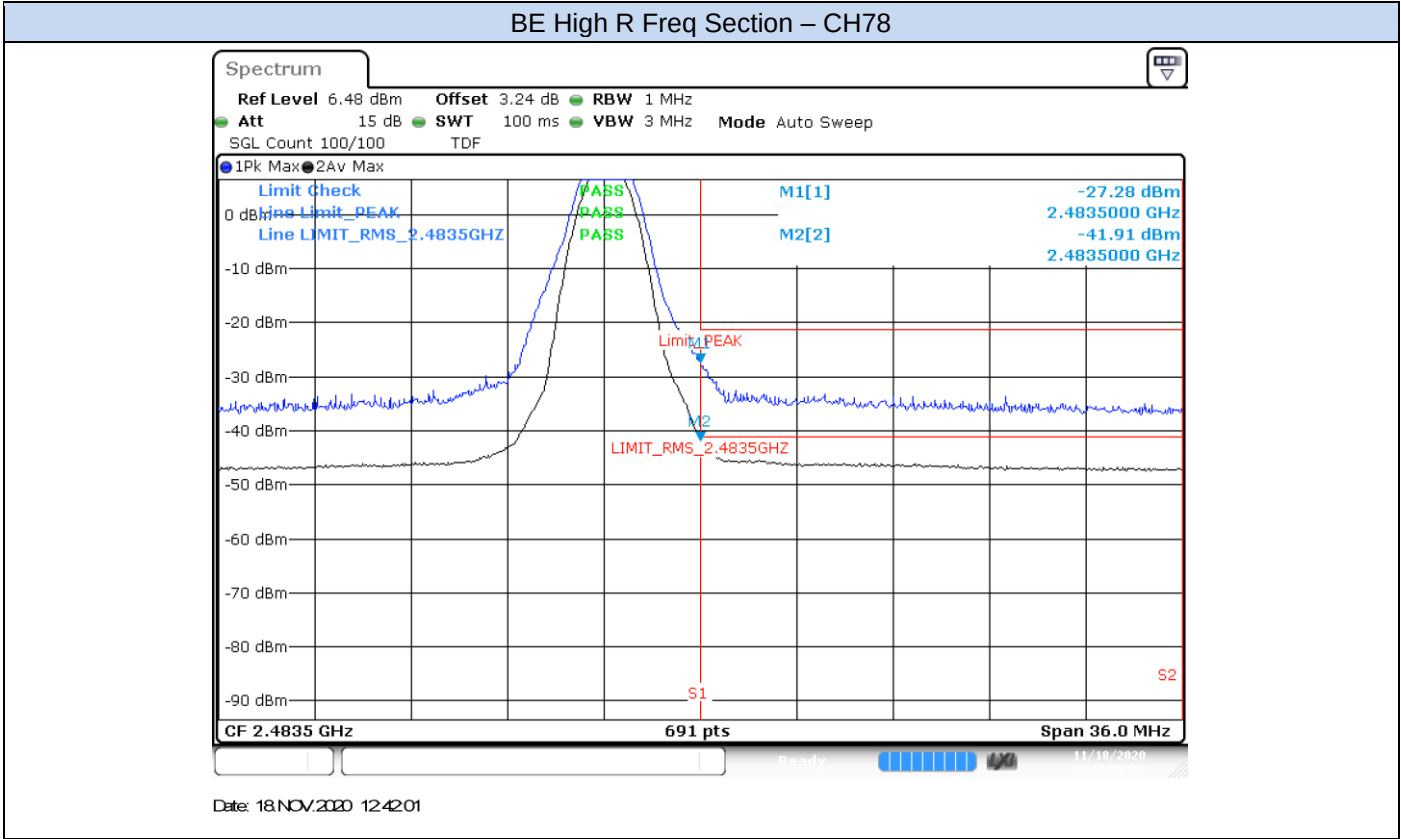


Date: 18.NOV.2020 11:10:10

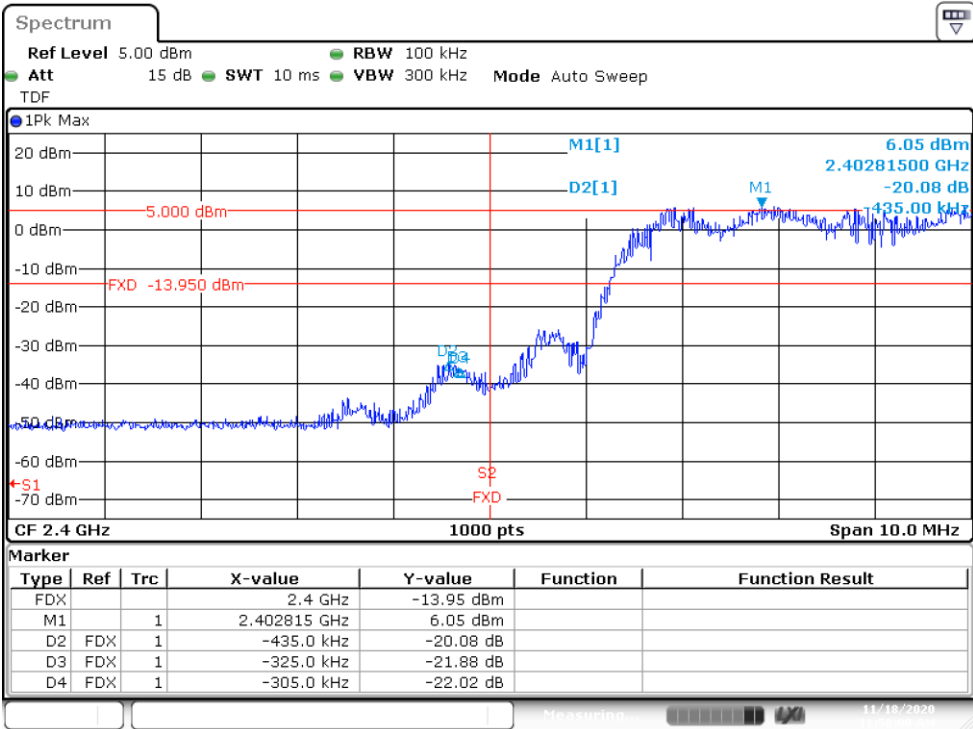
BE Low R Freq Section – CH0



Date: 18.NOV.2020 11:08:59

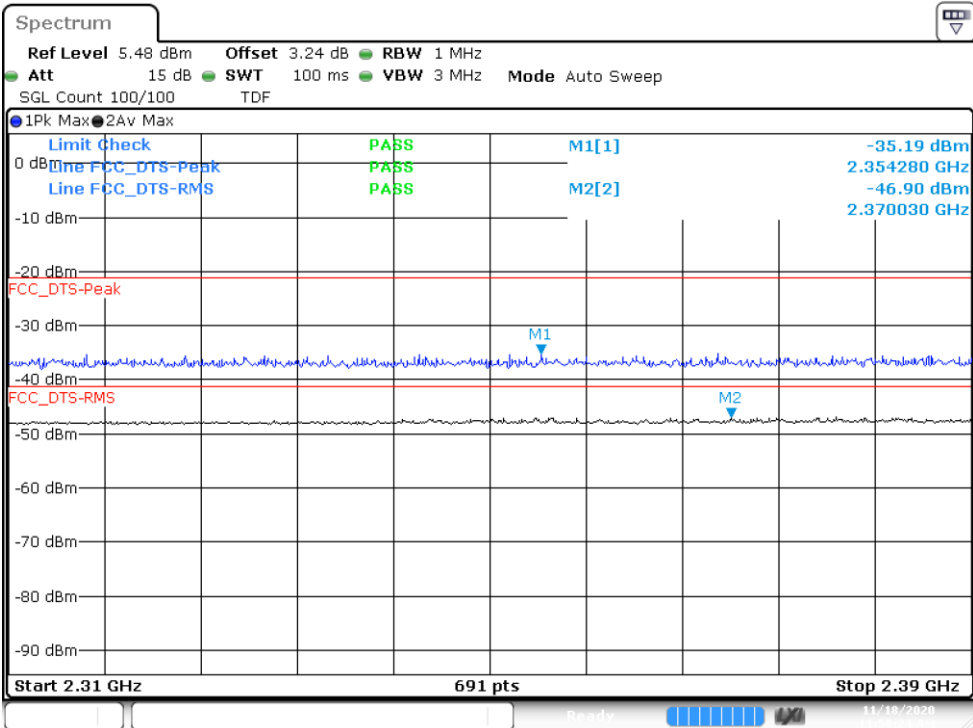


BE Low NR Freq Section – Hopping

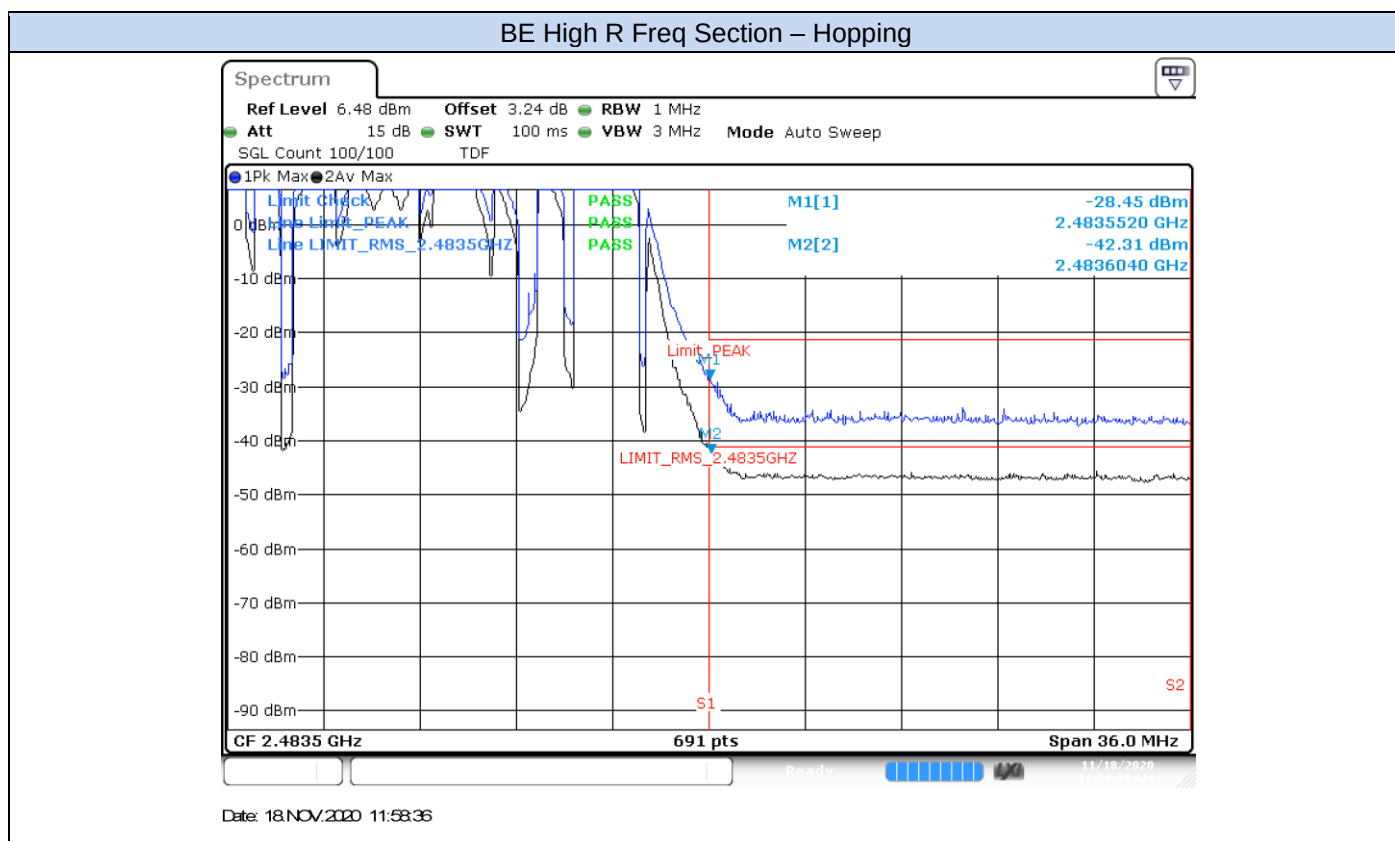


Date: 18 NOV 2020 11:58:00

BE Low R Freq Section – Hopping

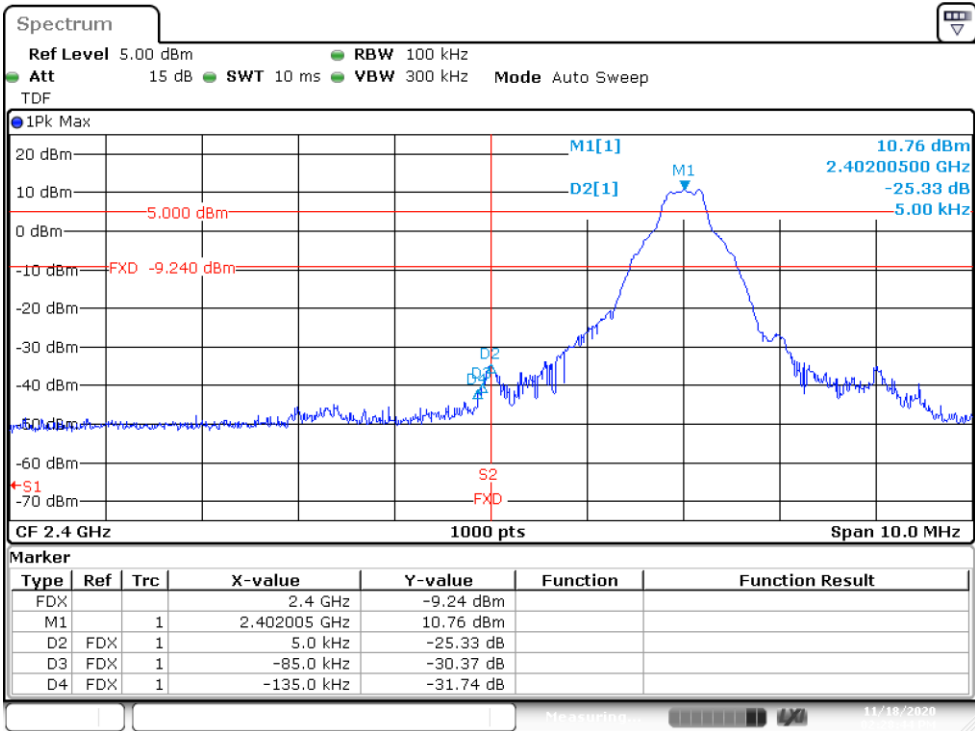


Date: 18 NOV 2020 11:58:24



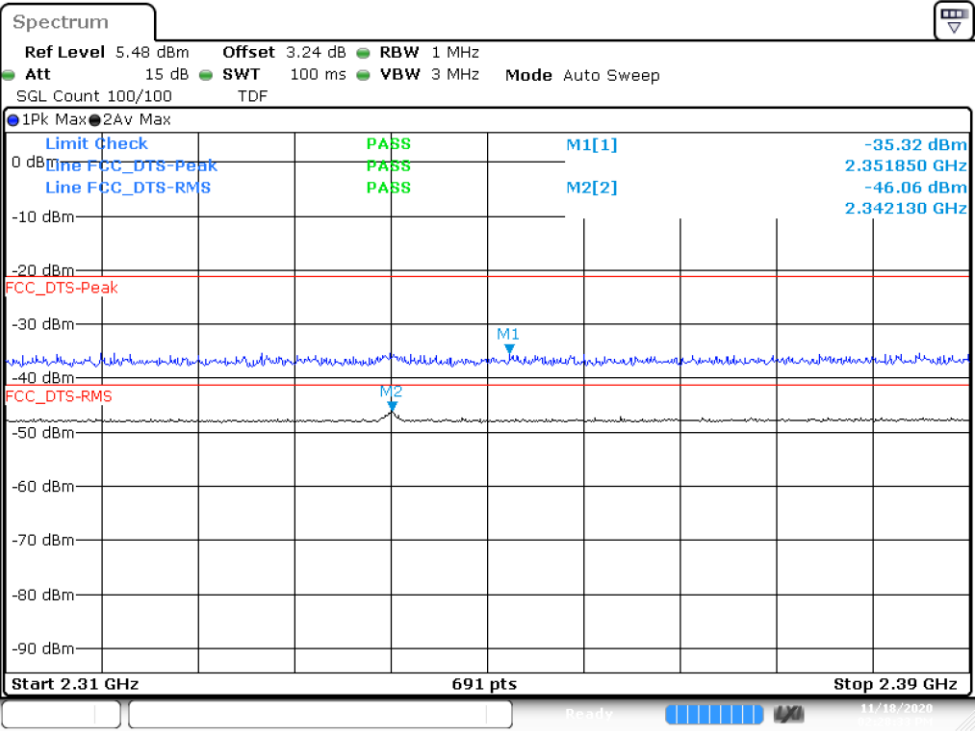
CHAIN A DIV2_Basic Rate - GFSK

BE Low NR Freq Section – CH0



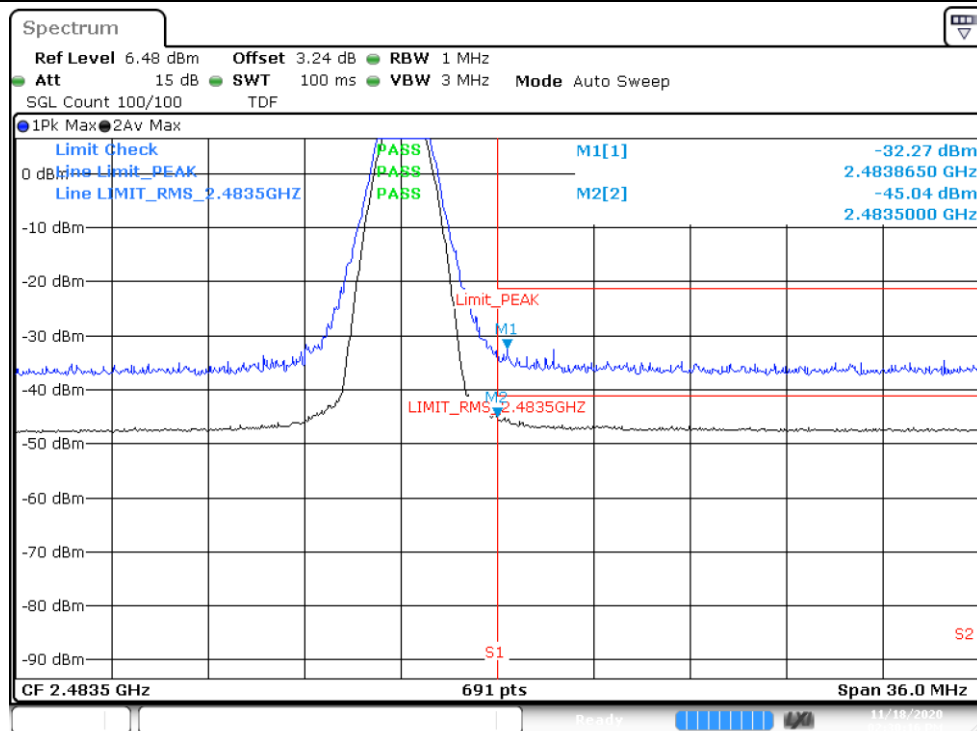
Date: 18NOV.2020 14:28:45

BE Low R Freq Section – CH0



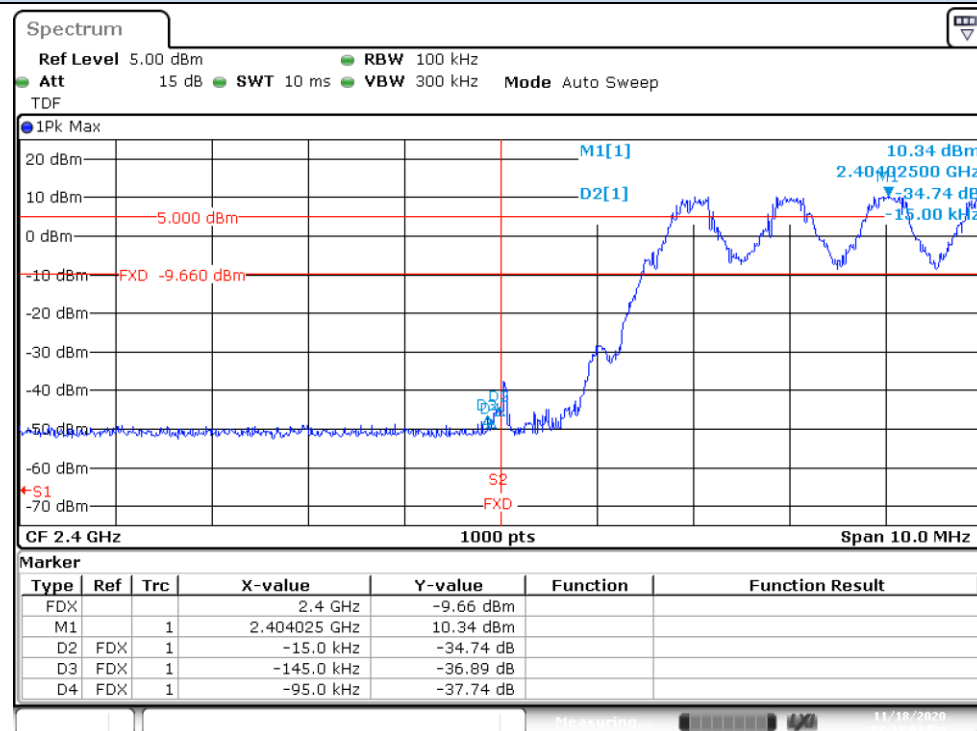
Date: 18NOV.2020 14:28:34

BE High R Freq Section – CH78



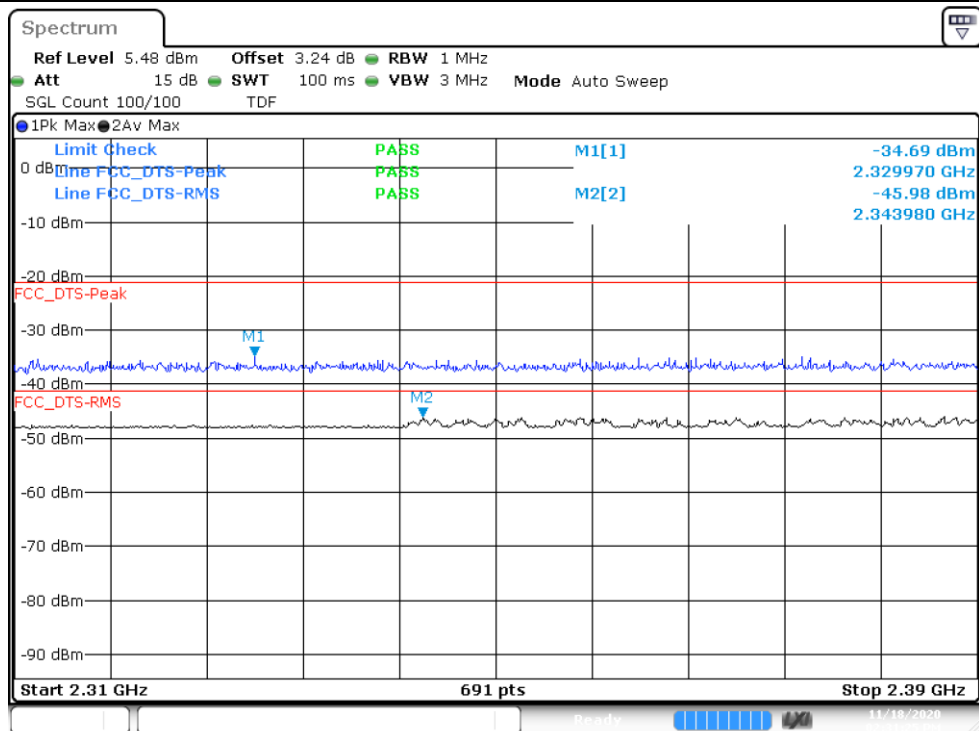
Date: 18 NOV 2020 14:30:17

BE Low NR Freq Section – Hopping

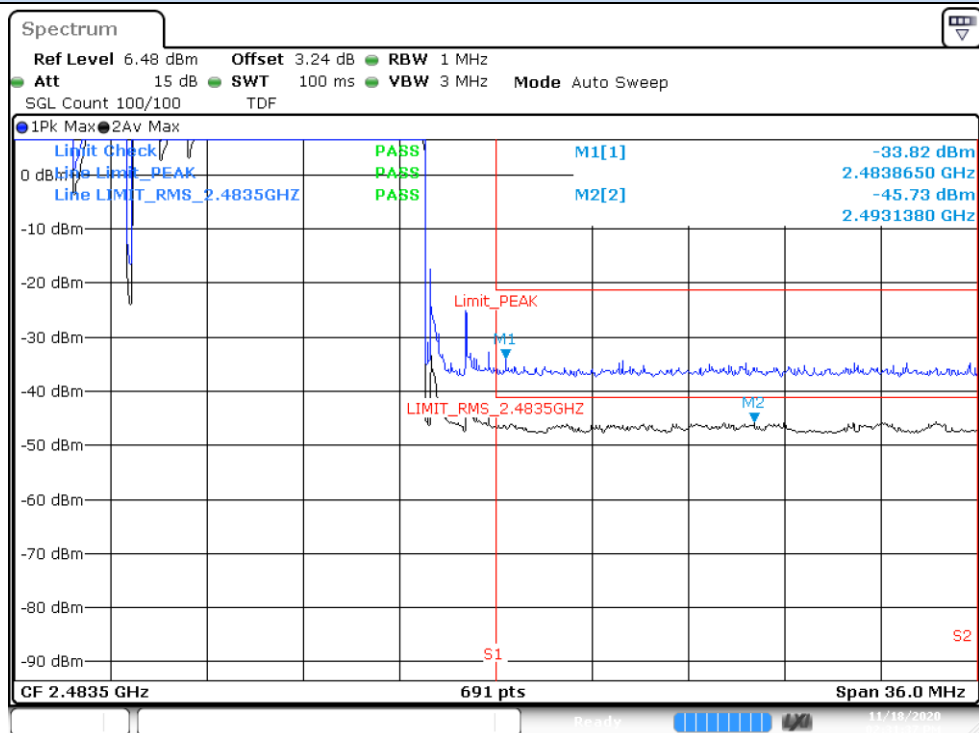


Date: 18 NOV 2020 14:31:02

BE Low R Freq Section – Hopping

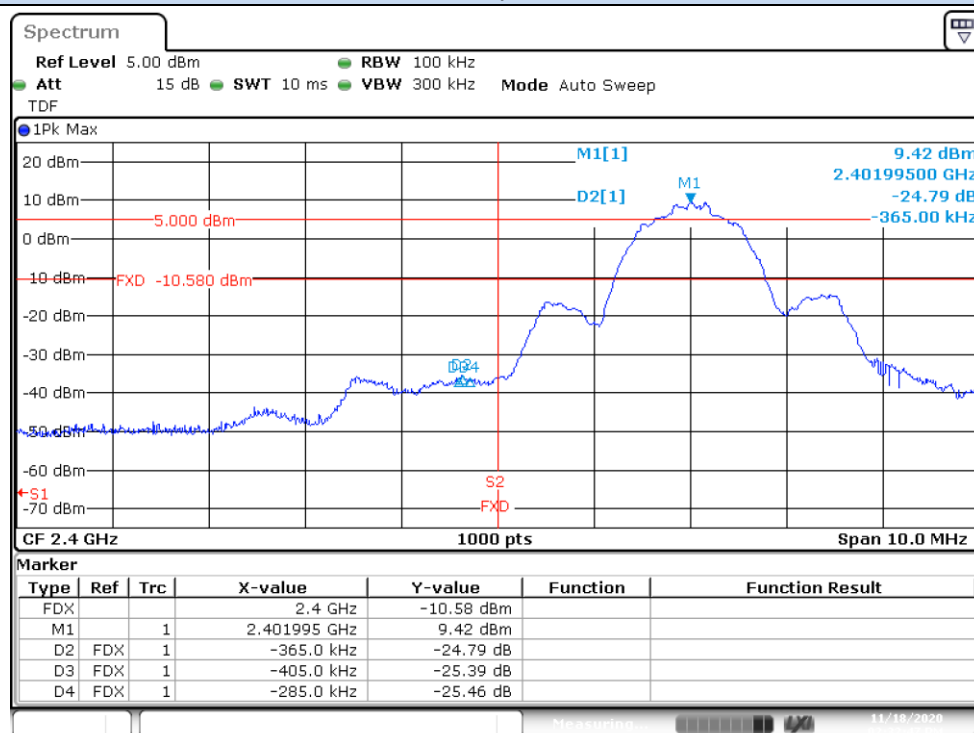


BE High R Freq Section – Hopping



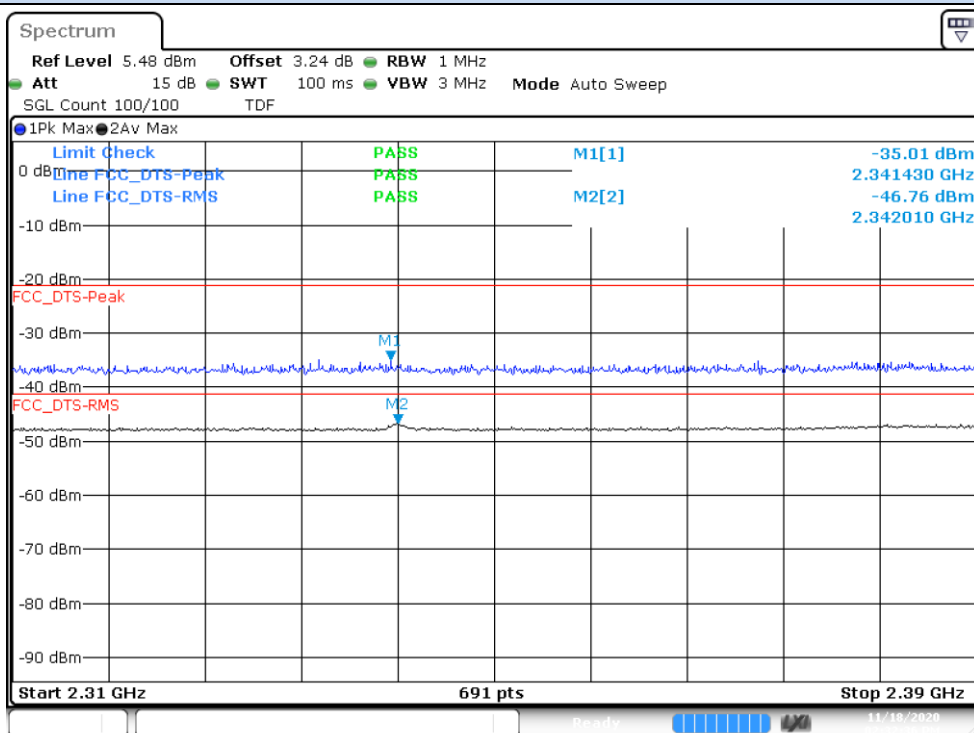
EDR – $\pi/4$ -DQPSK

BE Low NR Freq Section – CH0

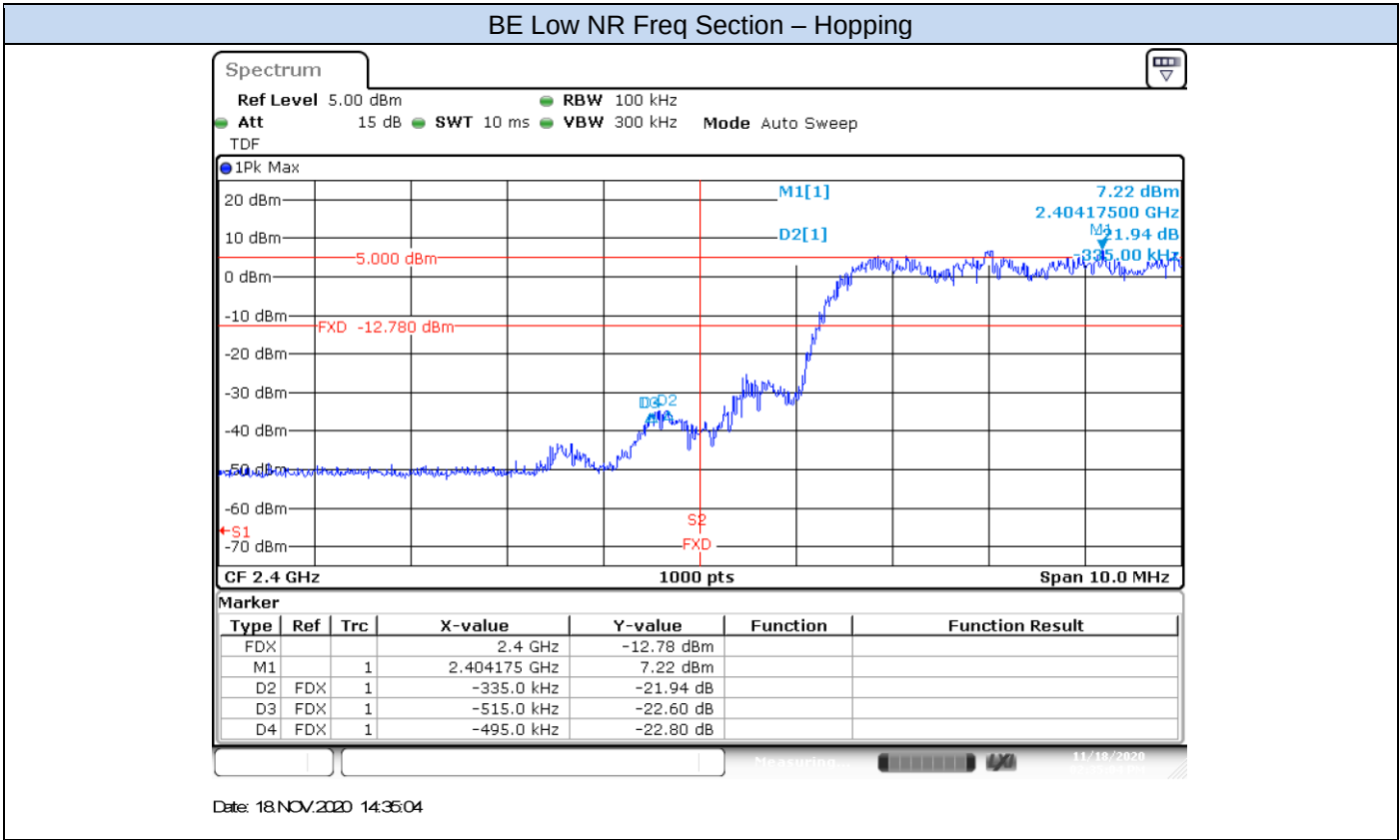
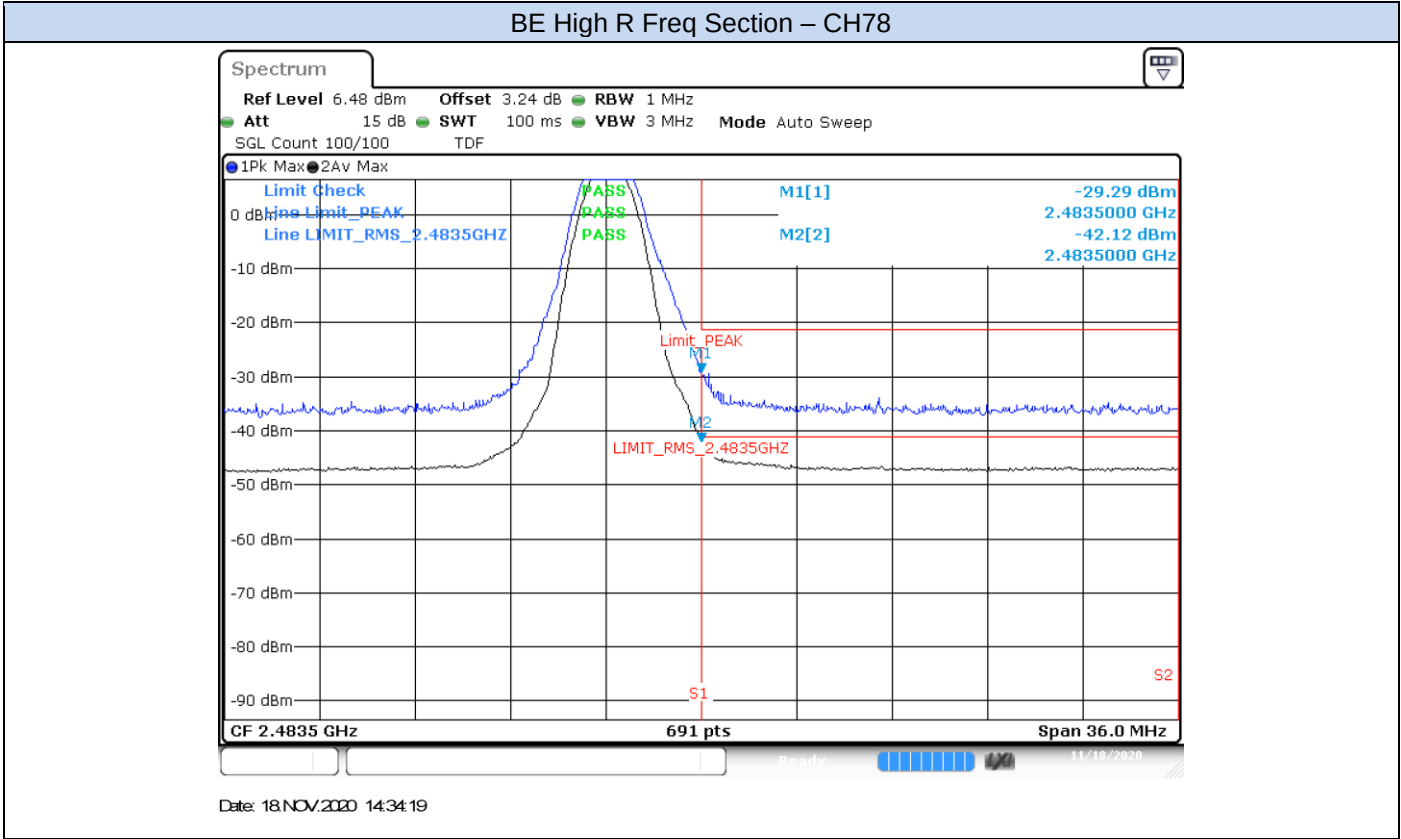


Date: 18 NOV.2020 14:32:47

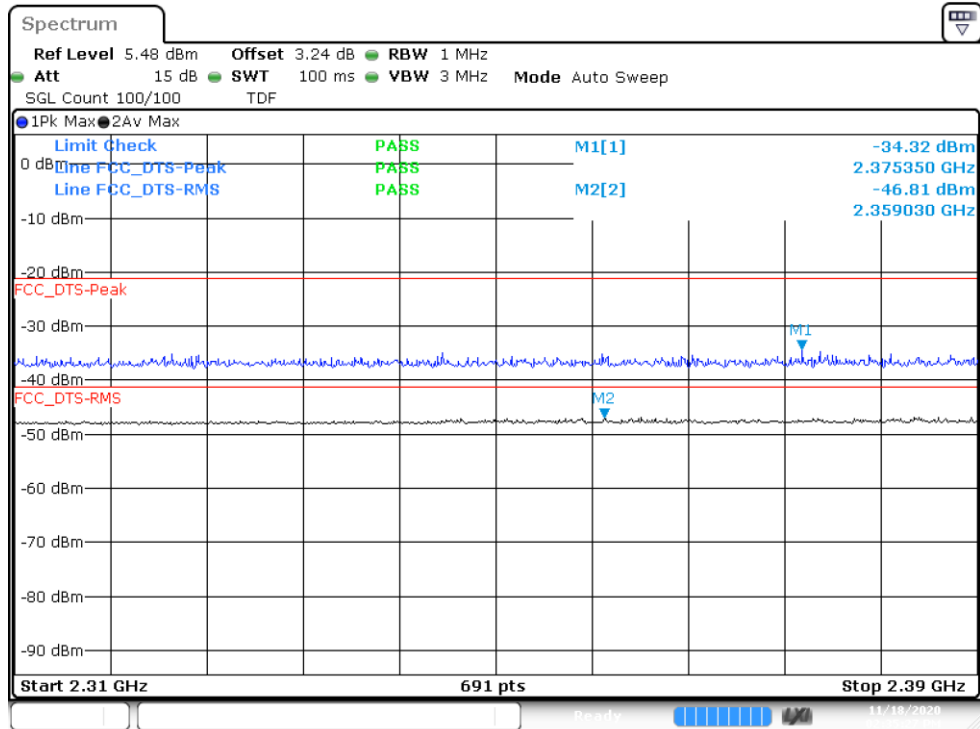
BE Low R Freq Section – CH0



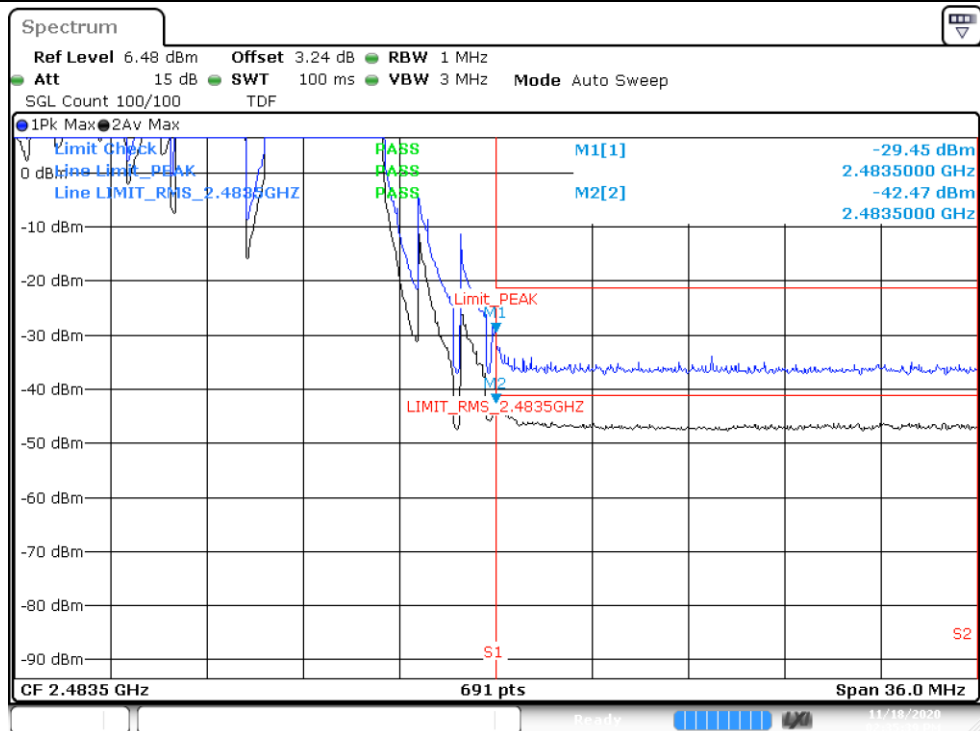
Date: 18 NOV.2020 14:32:36



BE Low R Freq Section – Hopping

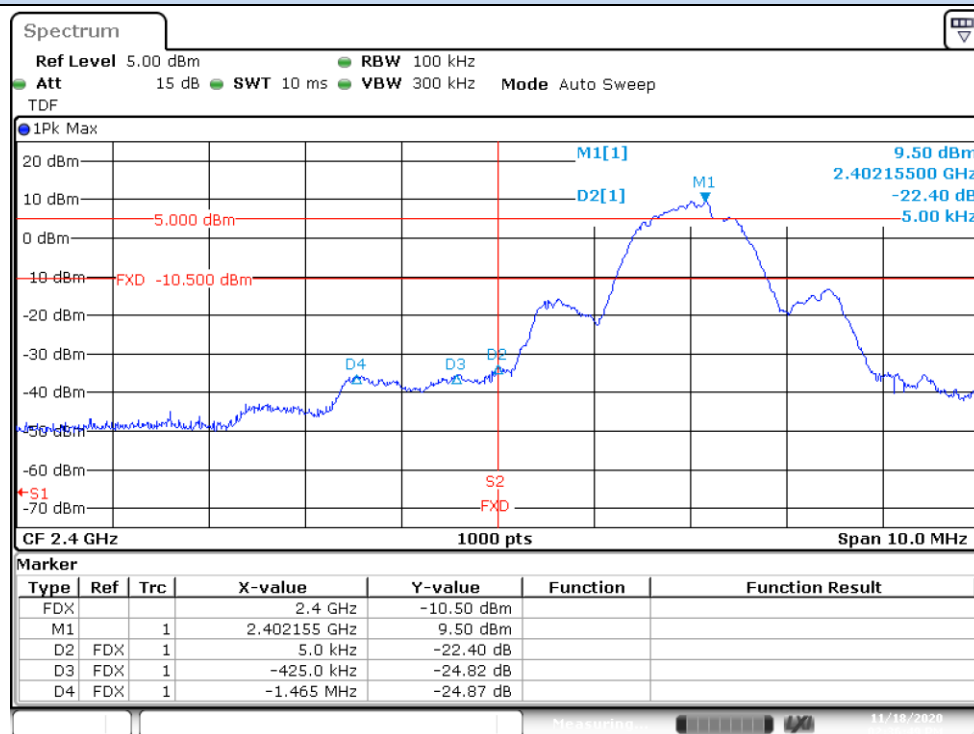


BE High R Freq Section – Hopping



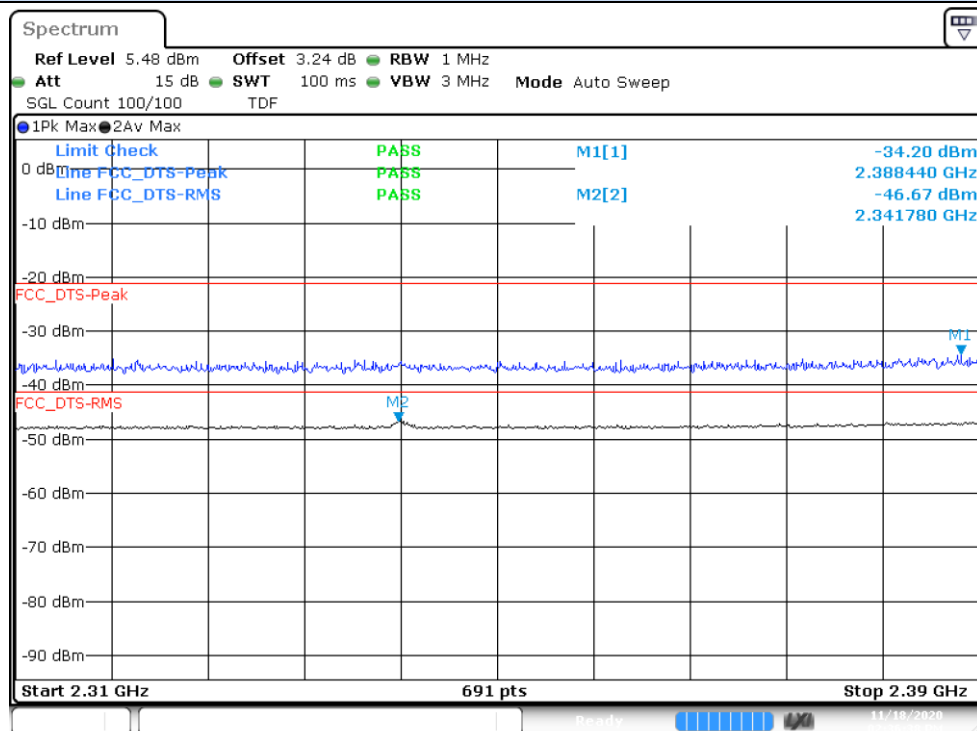
EDR – 8-DPSK

BE Low NR Freq Section – CH0



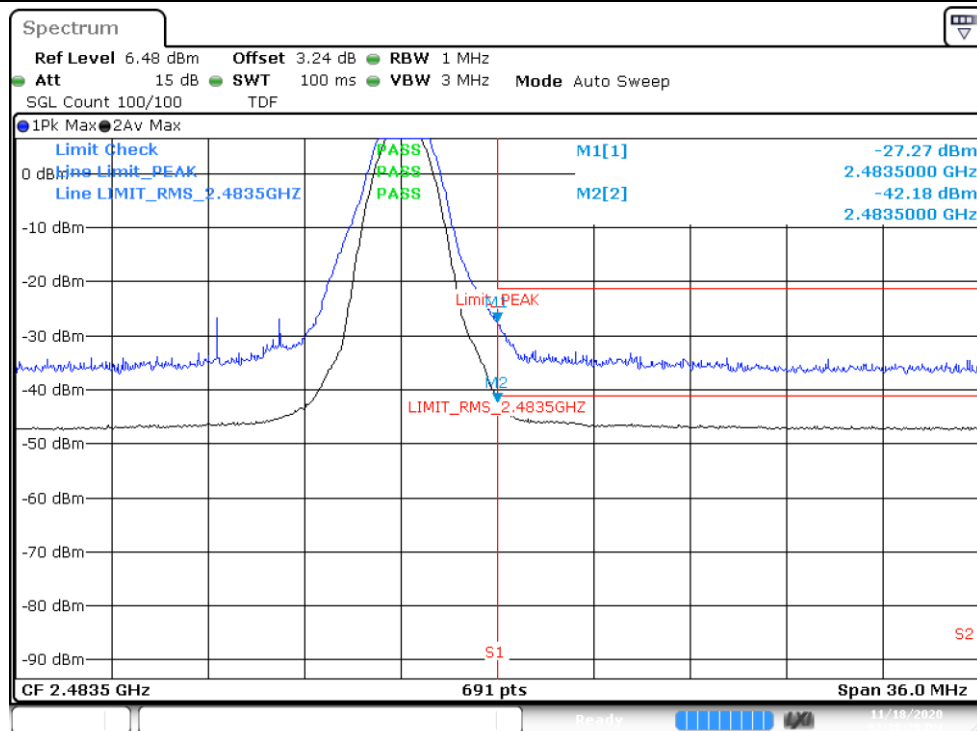
Date: 18 NOV. 2020 14:36:49

BE Low R Freq Section – CH0



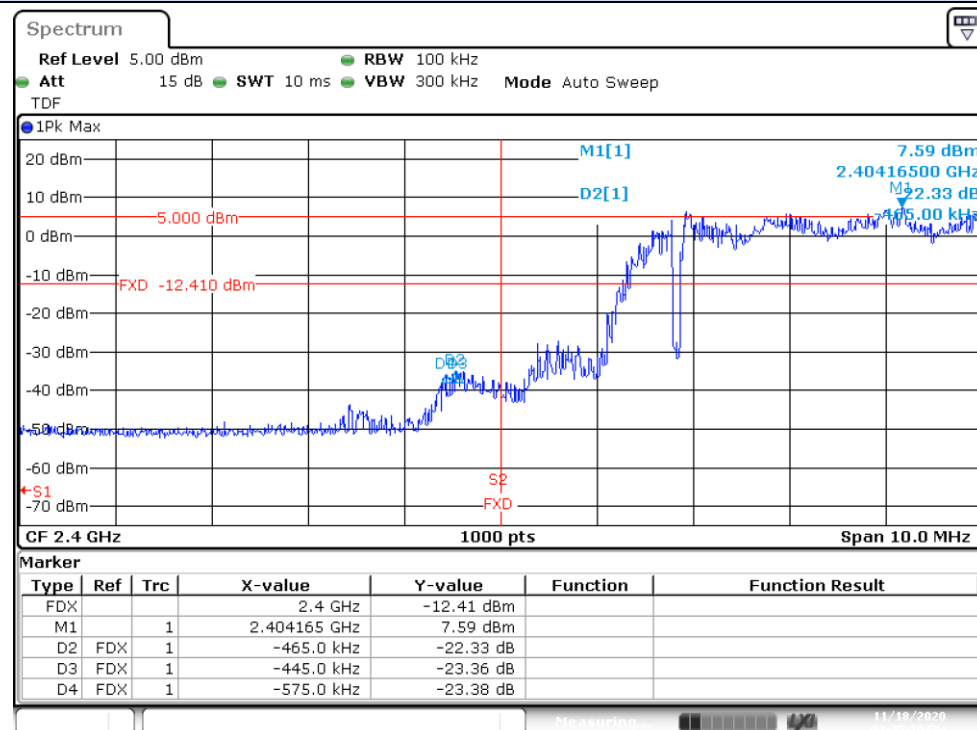
Date: 18 NOV. 2020 14:36:38

BE High R Freq Section – CH78



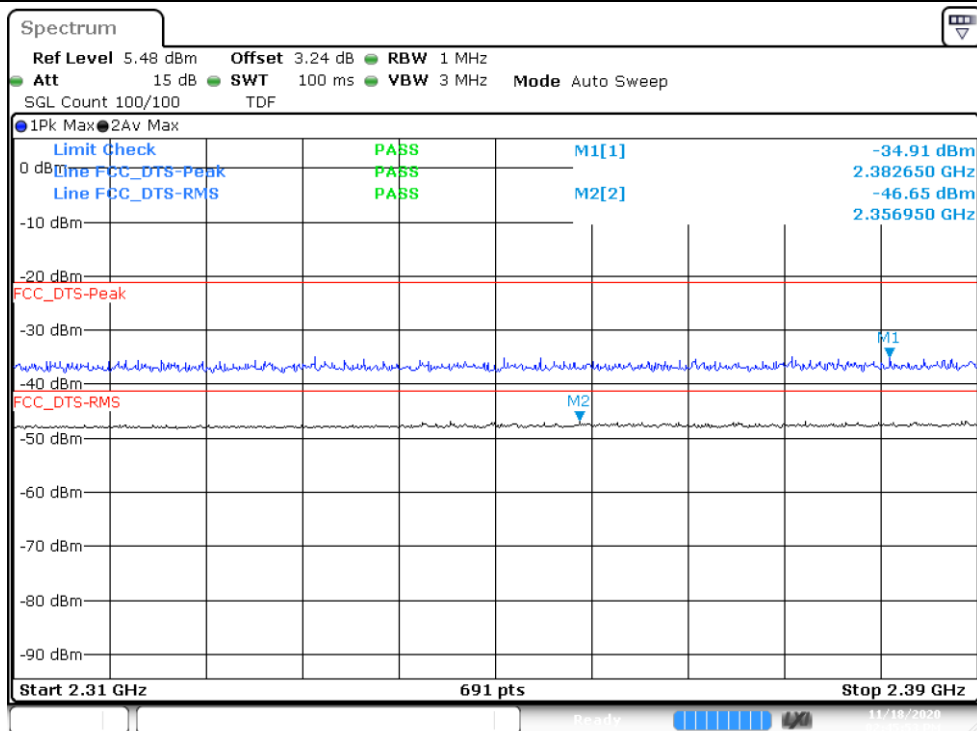
Date: 18 NOV.2020 14:38:20

BE Low NR Freq Section – Hopping



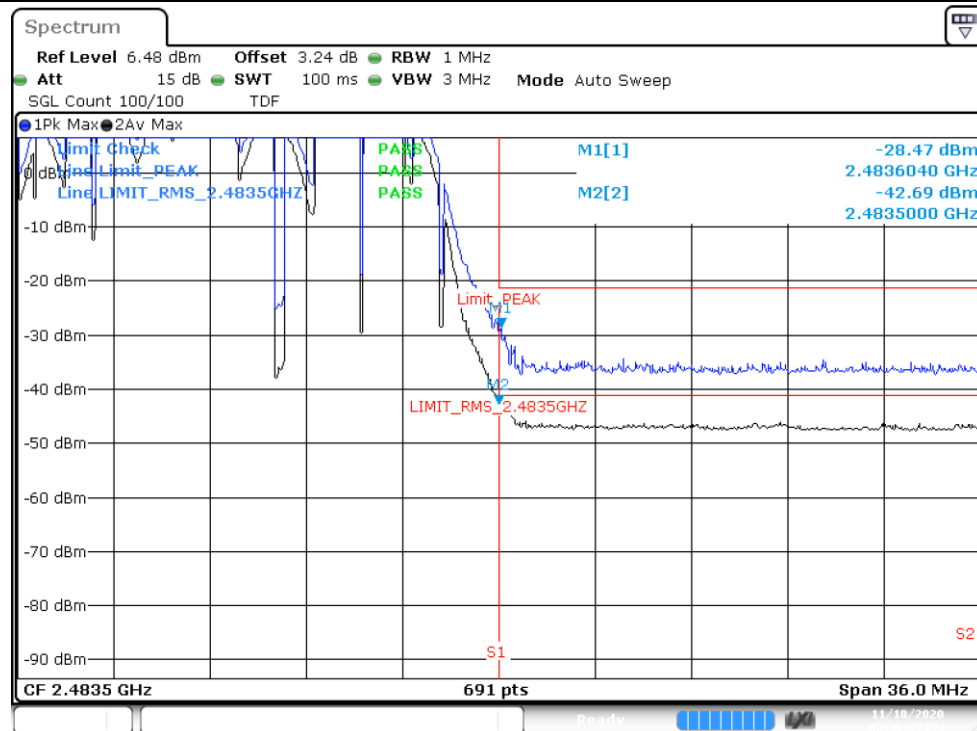
Date: 18 NOV.2020 14:45:30

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 Strength (μV/m)</th><th>Field Strength (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 Strength (μV/m)	Field Strength (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 Strength (μV/m)	Field Strength (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 μ V/m	dB μ V/m	dB μ 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 μ V/m	dB μ V/m	dB μ 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 μ V/m	dB μ V/m	dB μ 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