

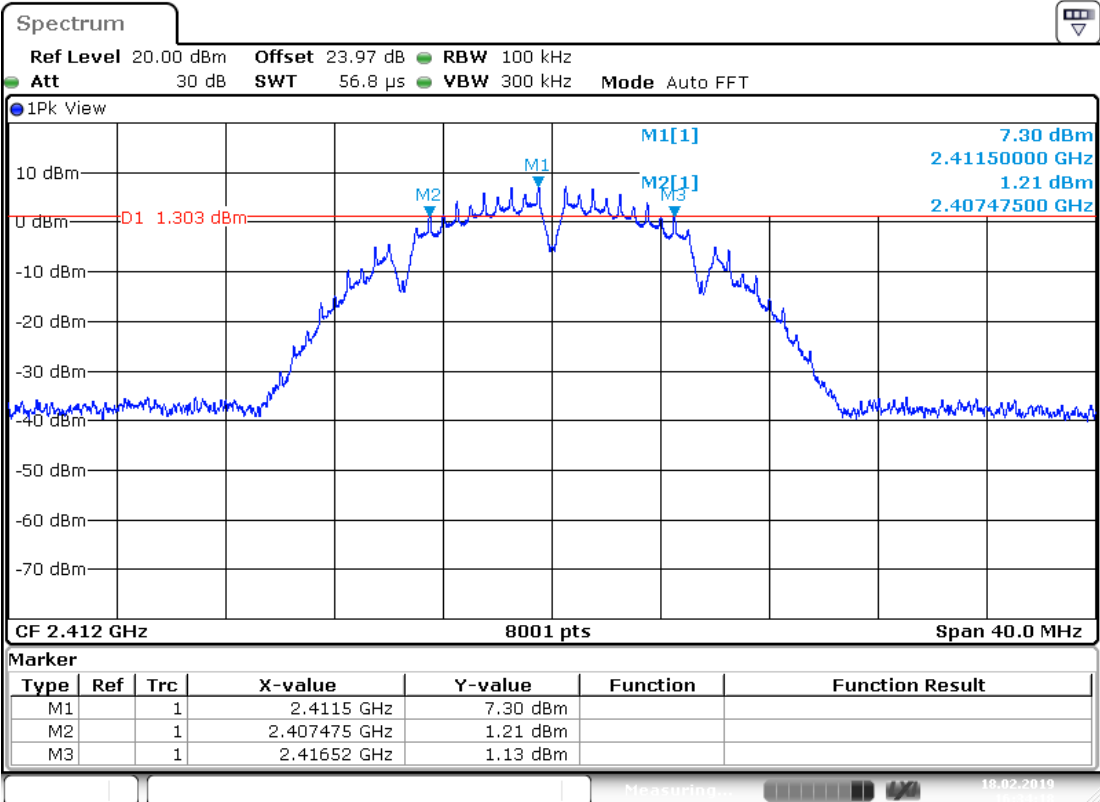
**Appendix**  
**FCC ID: PADWF129**  
**IC: 10563A-WF129**

**1.6dB Bandwidth**

Test Mode	Test Channel	EBW[MHz]	Limit	Verdict
11B	2412	9.045	0.5	PASS
11B	2437	9.045	0.5	PASS
11B	2462	9.045	0.5	PASS
11G	2412	16.060	0.5	PASS
11G	2437	15.660	0.5	PASS
11G	2462	15.075	0.5	PASS
11N20SISO	2412	17.170	0.5	PASS
11N20SISO	2437	16.290	0.5	PASS
11N20SISO	2462	17.185	0.5	PASS
11N40SISO	2422	35.440	0.5	PASS
11N40SISO	2437	35.550	0.5	PASS
11N40SISO	2452	35.140	0.5	PASS

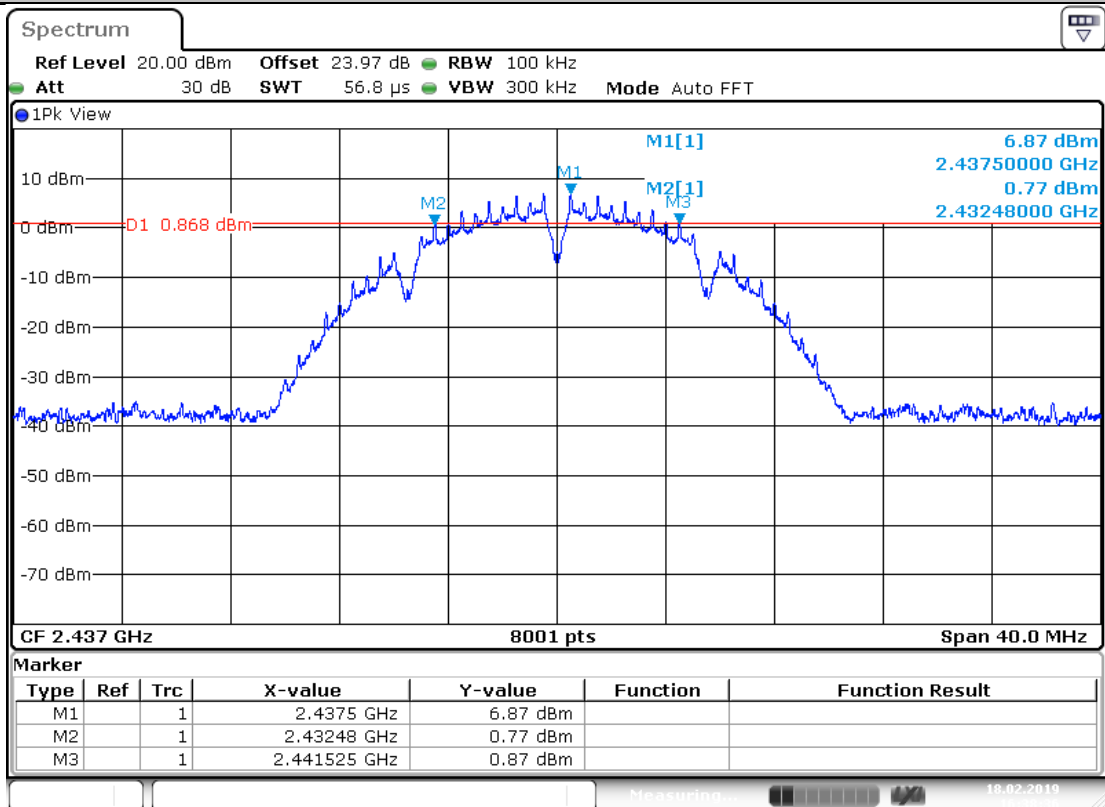
## TEST PLOT

6dB Bandwidth\_11B\_2412



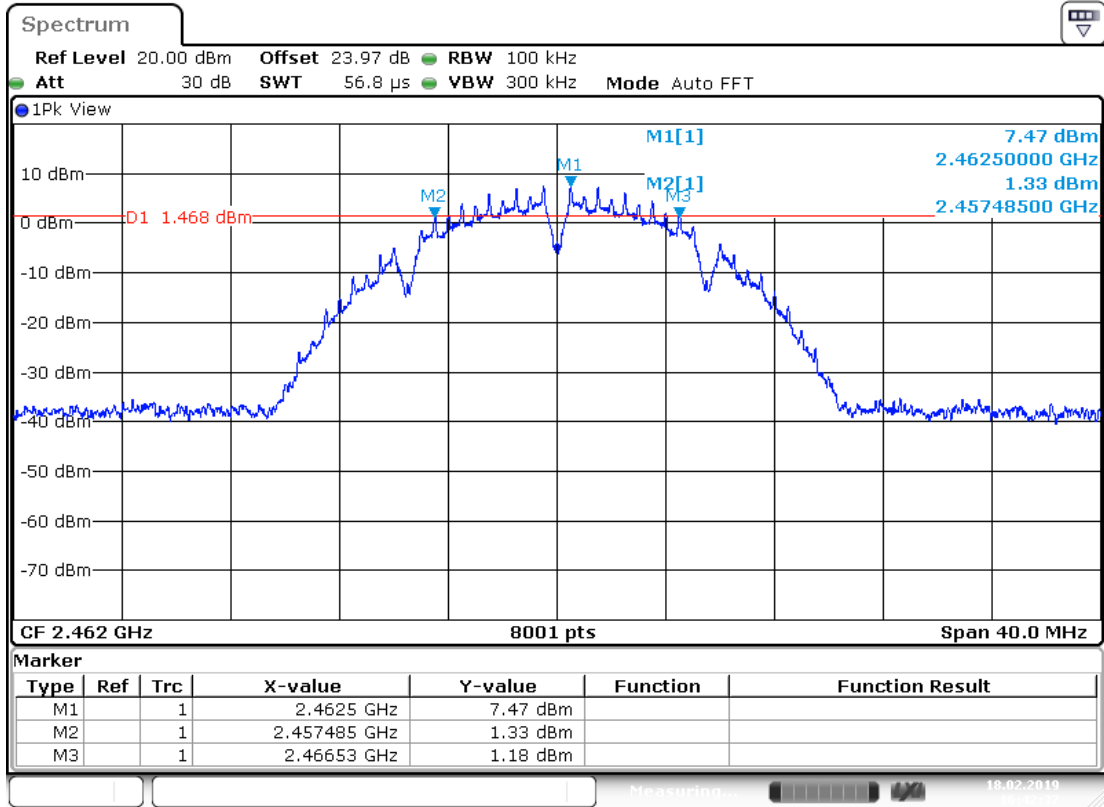
Date: 18.FEB.2019 16:34:18

6dB Bandwidth\_11B\_2437



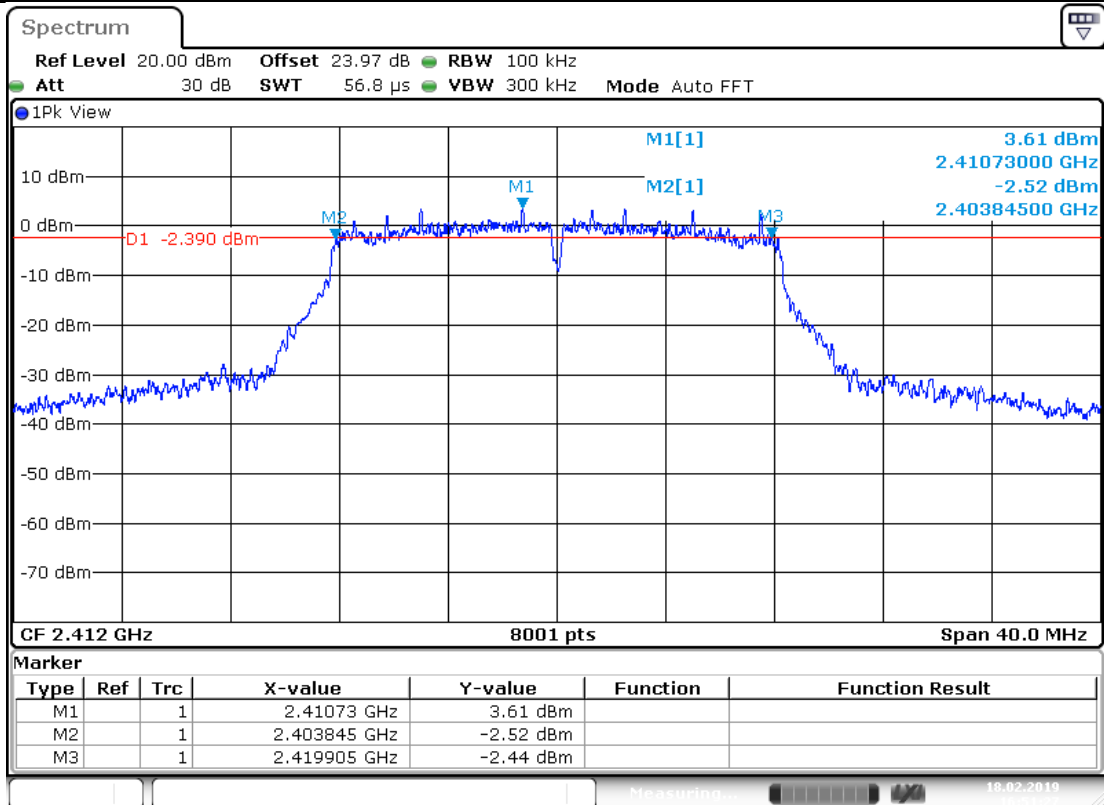
Date: 18.FEB.2019 16:38:36

## 6dB Bandwidth\_11B\_2462



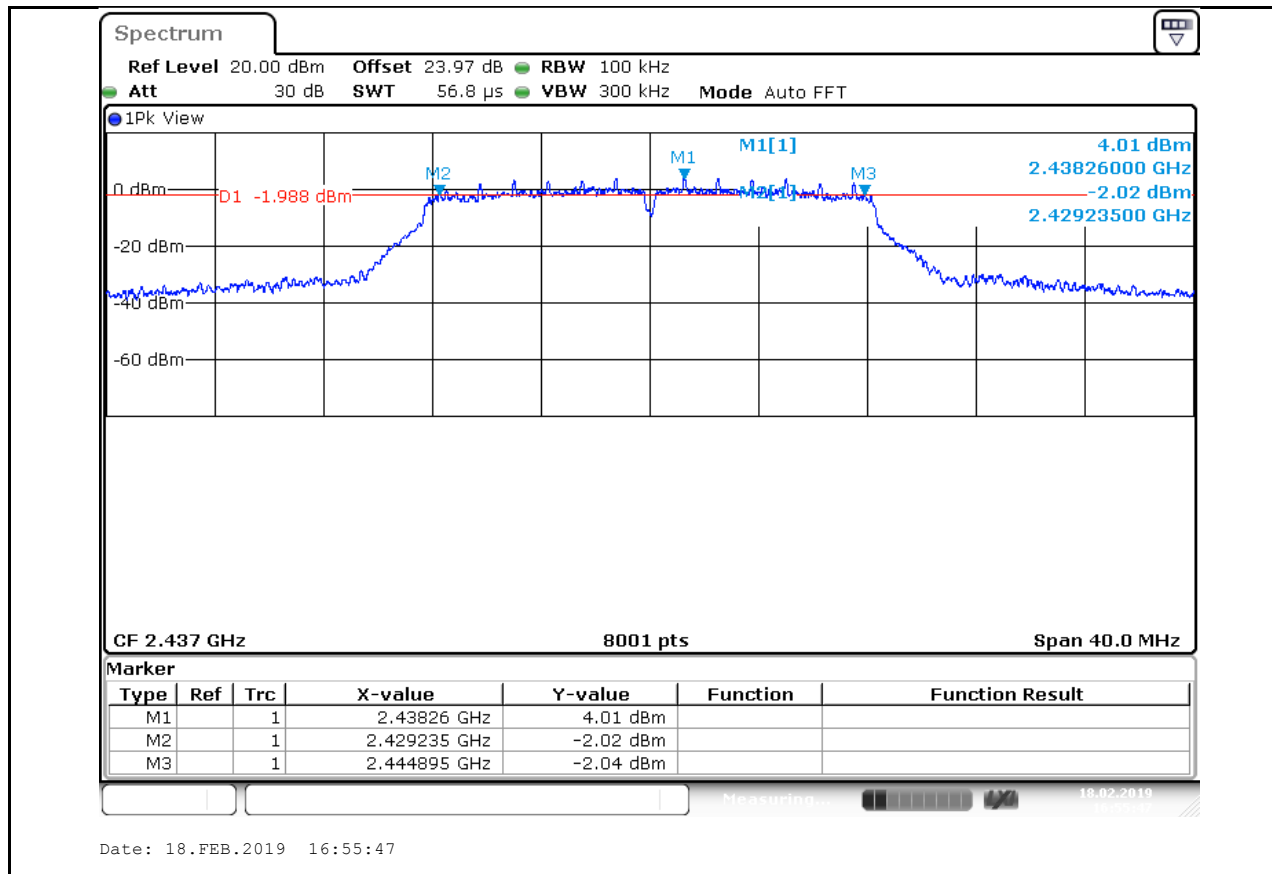
Date: 18.FEB.2019 16:42:37

## 6dB Bandwidth\_11G\_2412

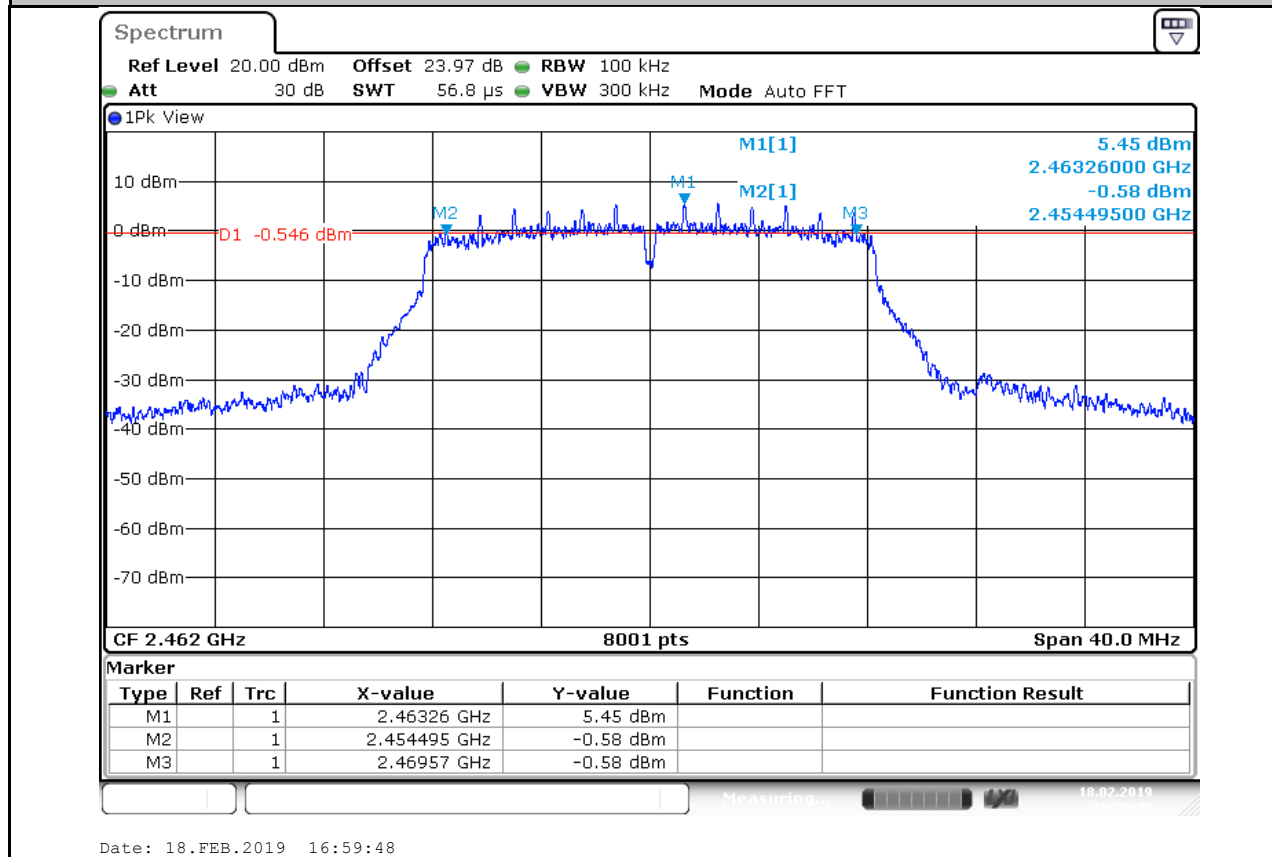


Date: 18.FEB.2019 16:51:27

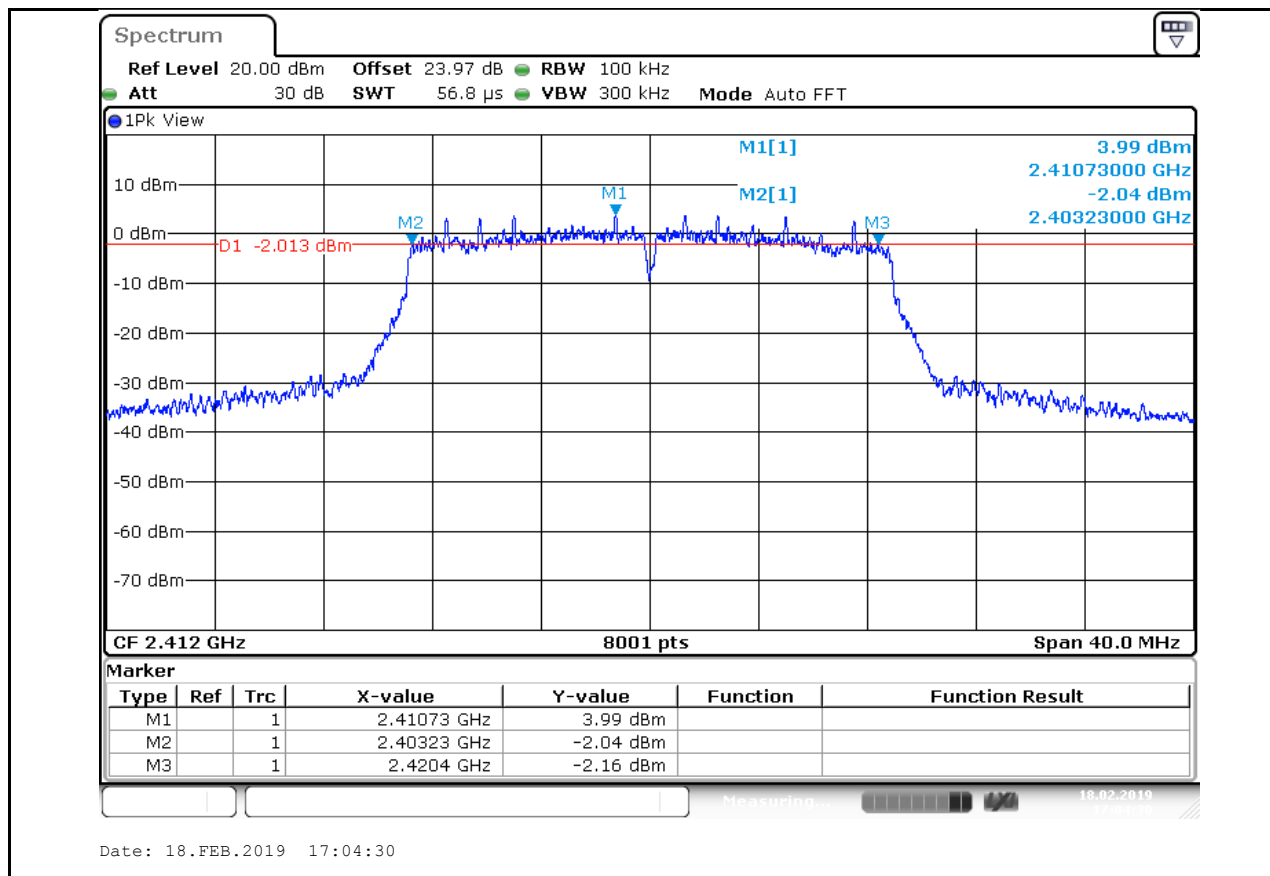
## 6dB Bandwidth\_11G\_2437



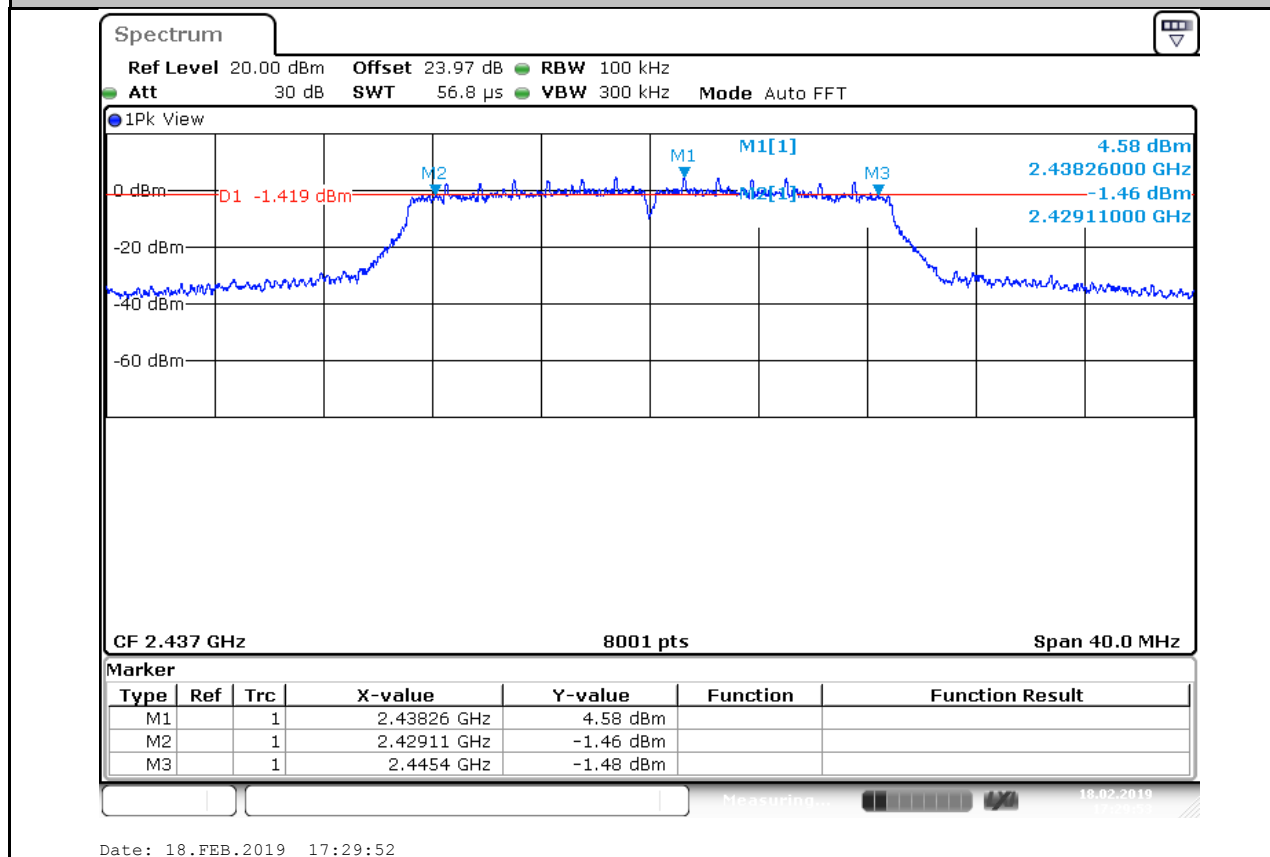
## 6dB Bandwidth\_11G\_2462



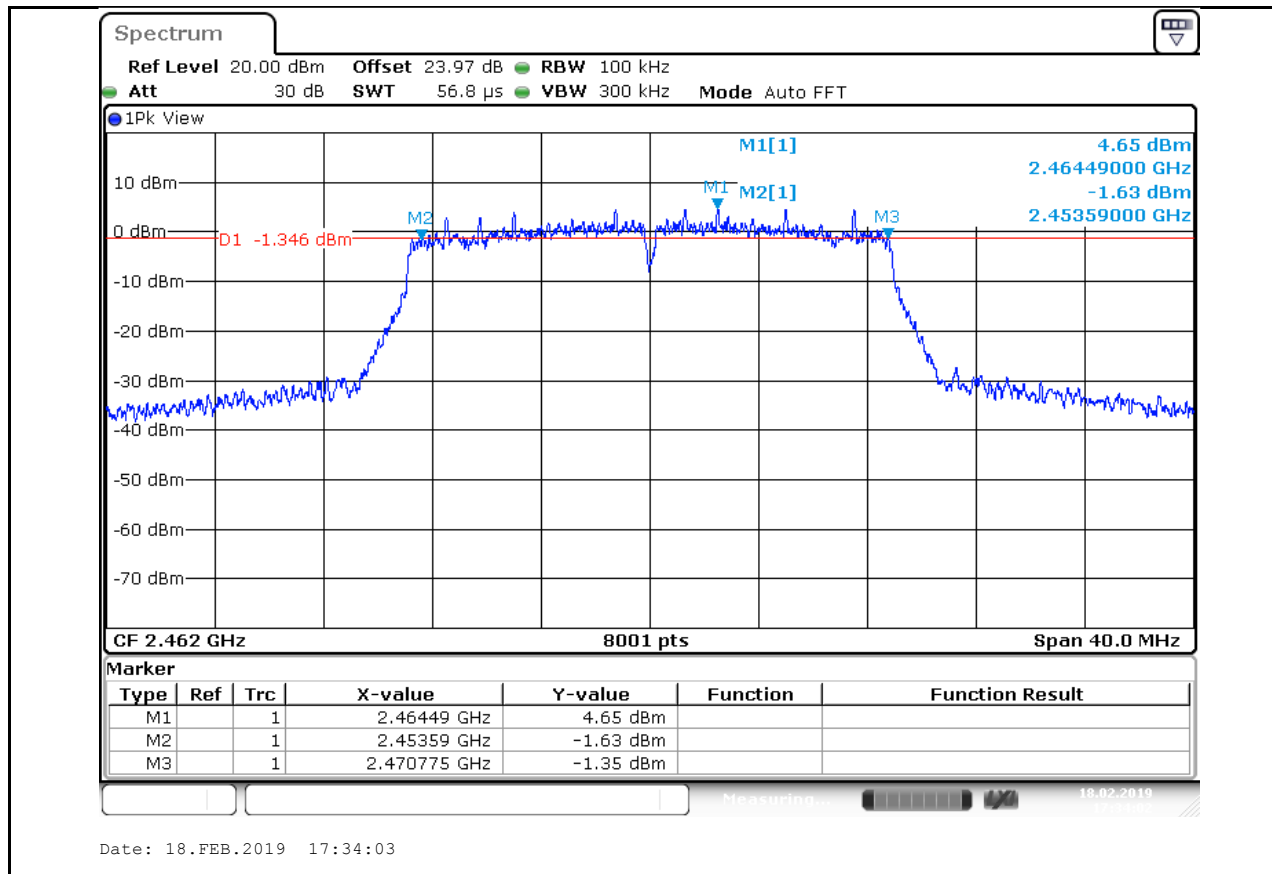
## 6dB Bandwidth\_11N20SISO\_2412



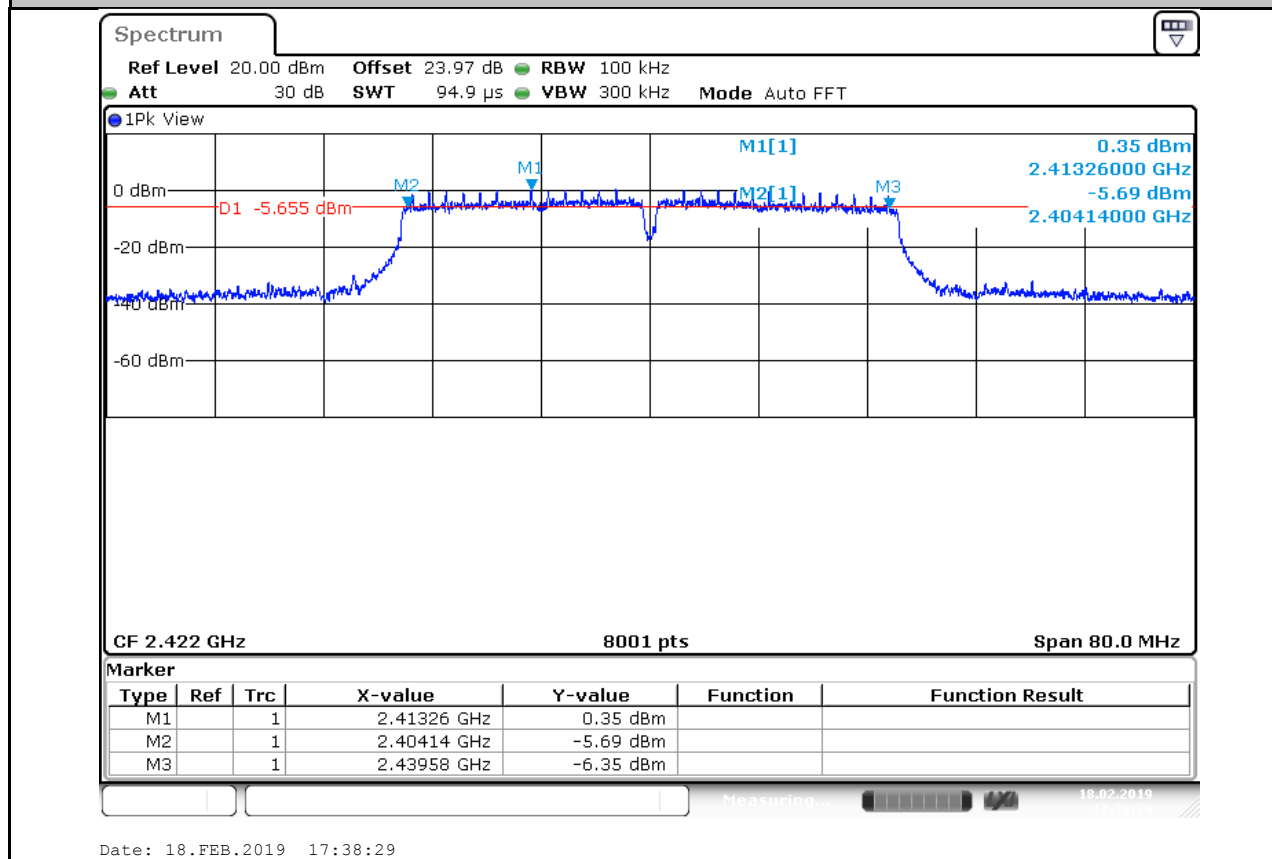
## 6dB Bandwidth\_11N20SISO\_2437



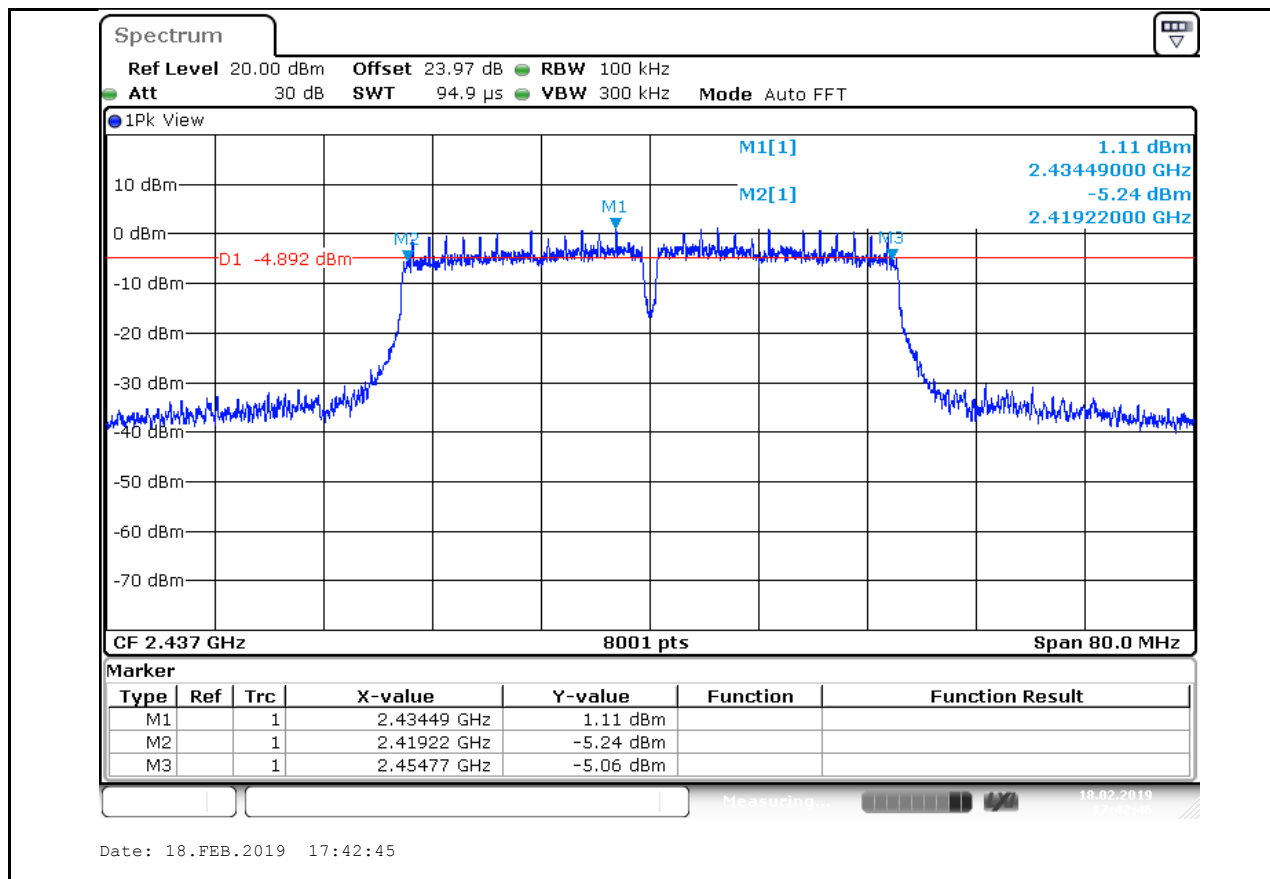
## 6dB Bandwidth\_11N20SISO\_2462



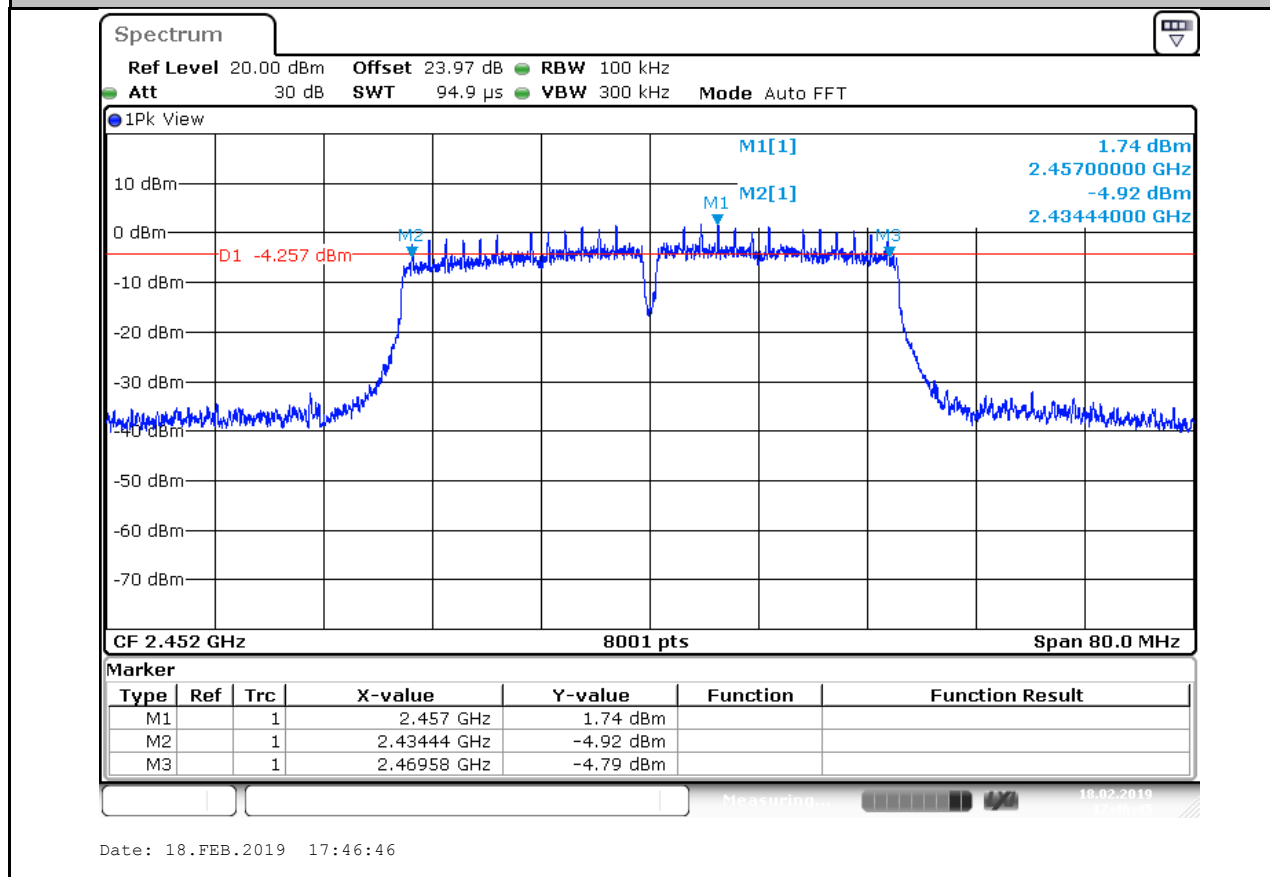
6dB Bandwidth\_11N40SISO\_2422



6dB Bandwidth\_11N40SISO\_2437



## 6dB Bandwidth\_11N40SISO\_2452



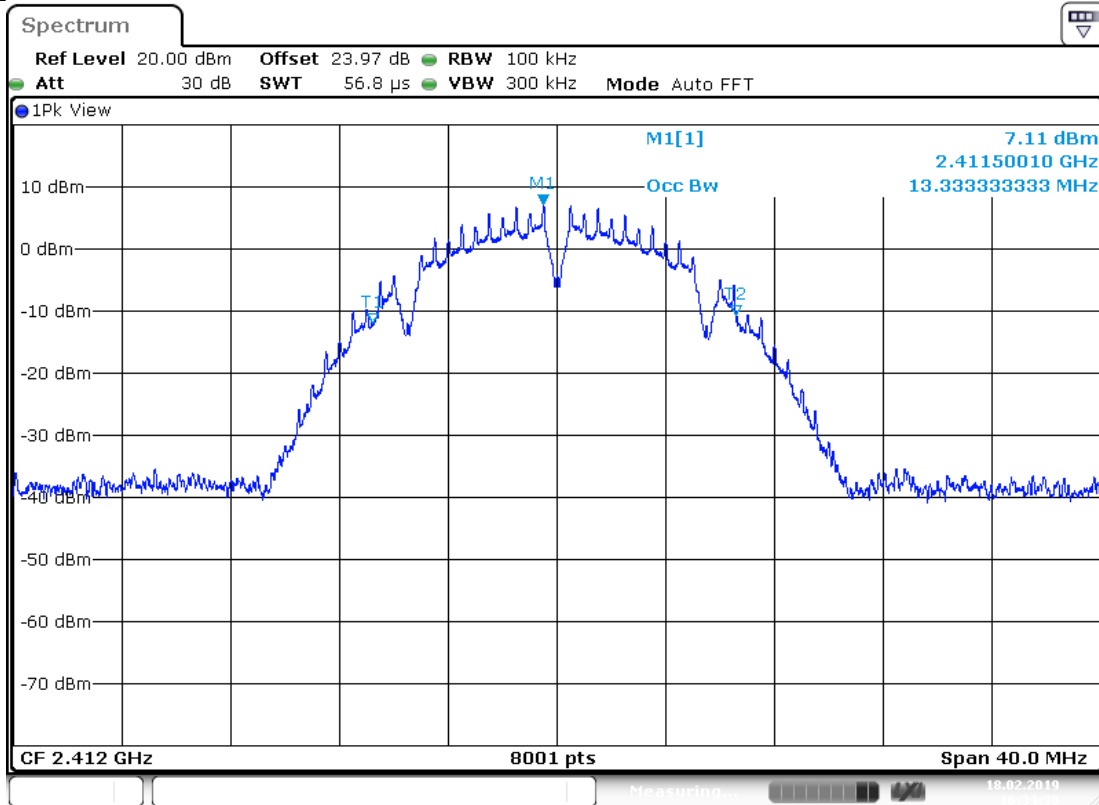


**2.Occupied Bandwidth**

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	13.333	---	PASS
11B	2437	13.338	---	PASS
11B	2462	13.388	---	PASS
11G	2412	16.373	---	PASS
11G	2437	16.358	---	PASS
11G	2462	16.408	---	PASS
11N20SISO	2412	17.578	---	PASS
11N20SISO	2437	17.573	---	PASS
11N20SISO	2462	17.573	---	PASS
11N40SISO	2422	36.035	---	PASS
11N40SISO	2437	36.005	---	PASS
11N40SISO	2452	35.966	---	PASS

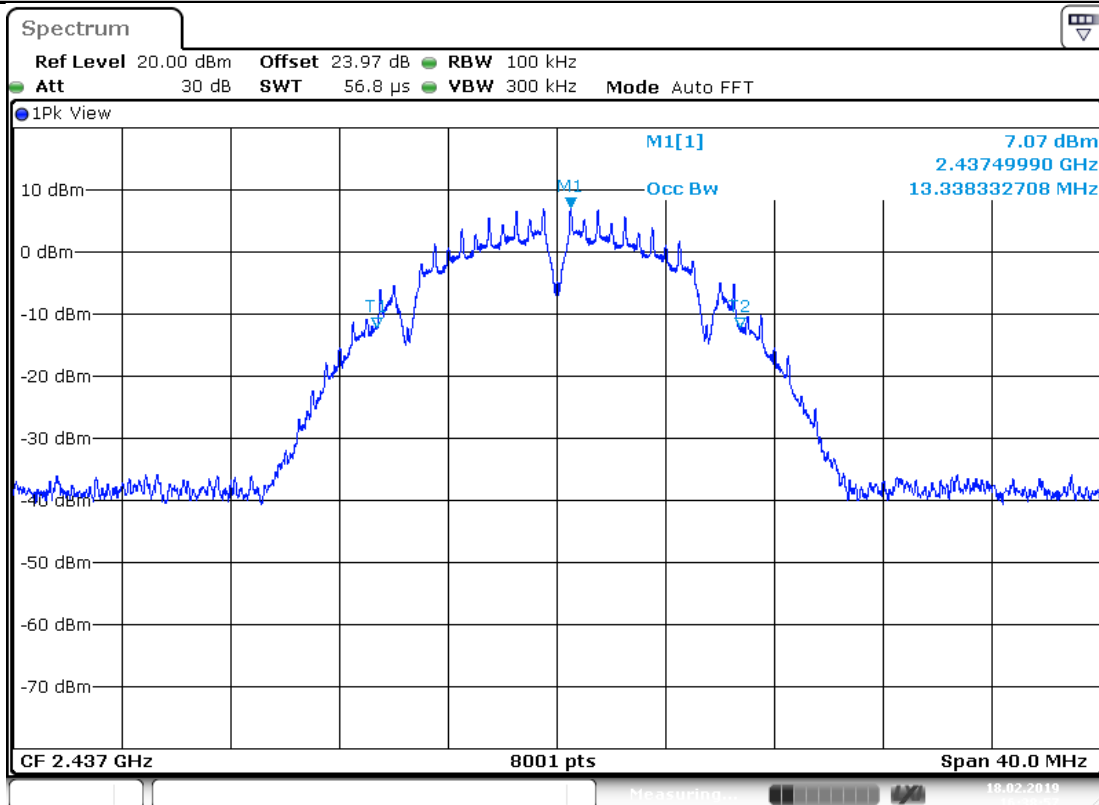
## TEST PLOT

### Occupied Bandwidth\_11B\_2412



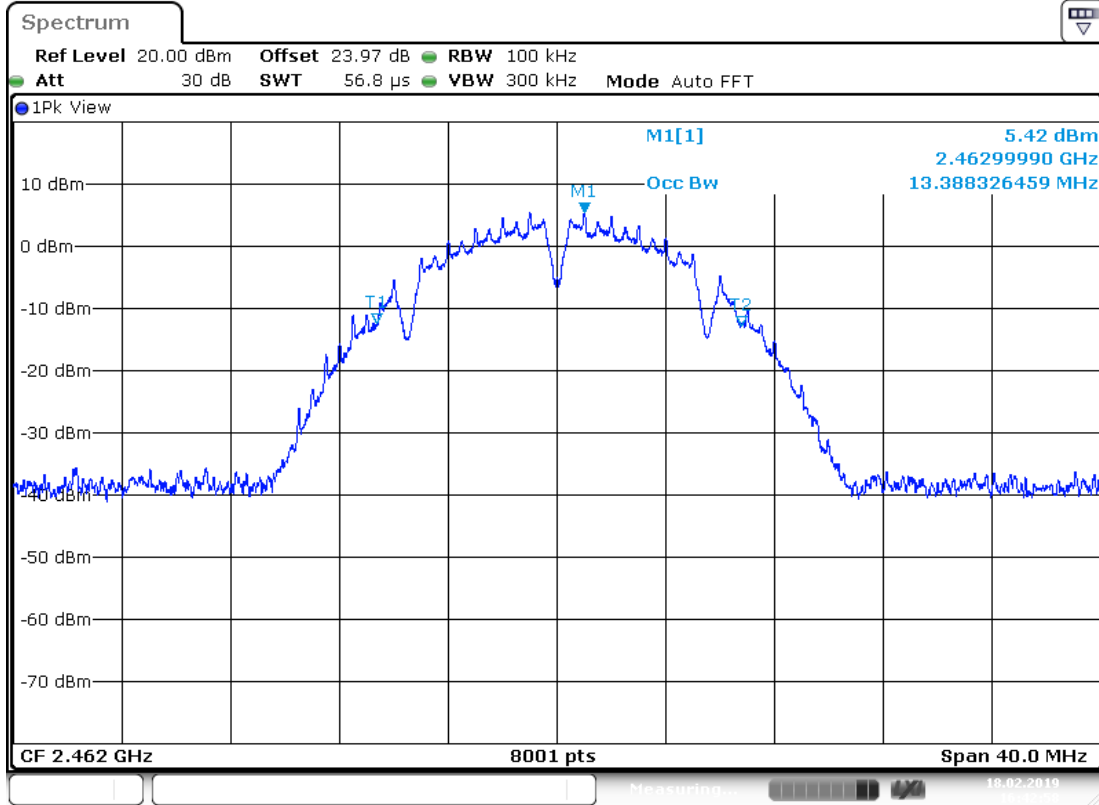
Date: 18.FEB.2019 16:34:38

### Occupied Bandwidth\_11B\_2437

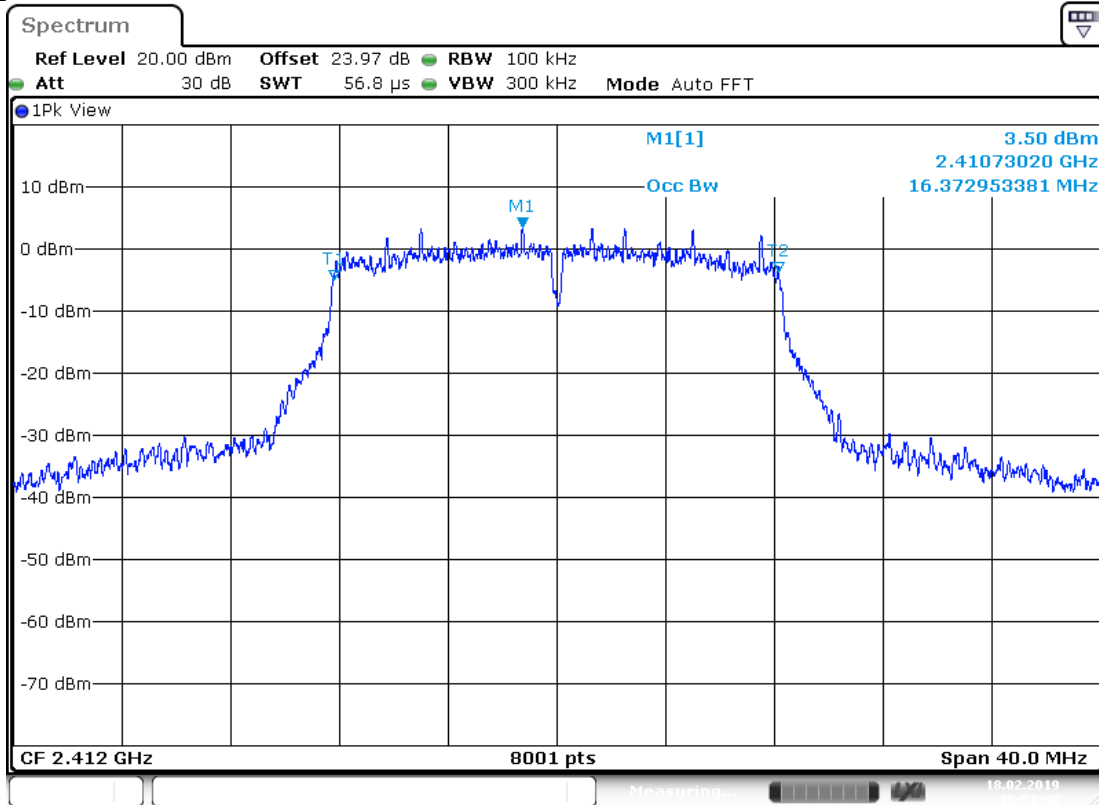


Date: 18.FEB.2019 16:38:57

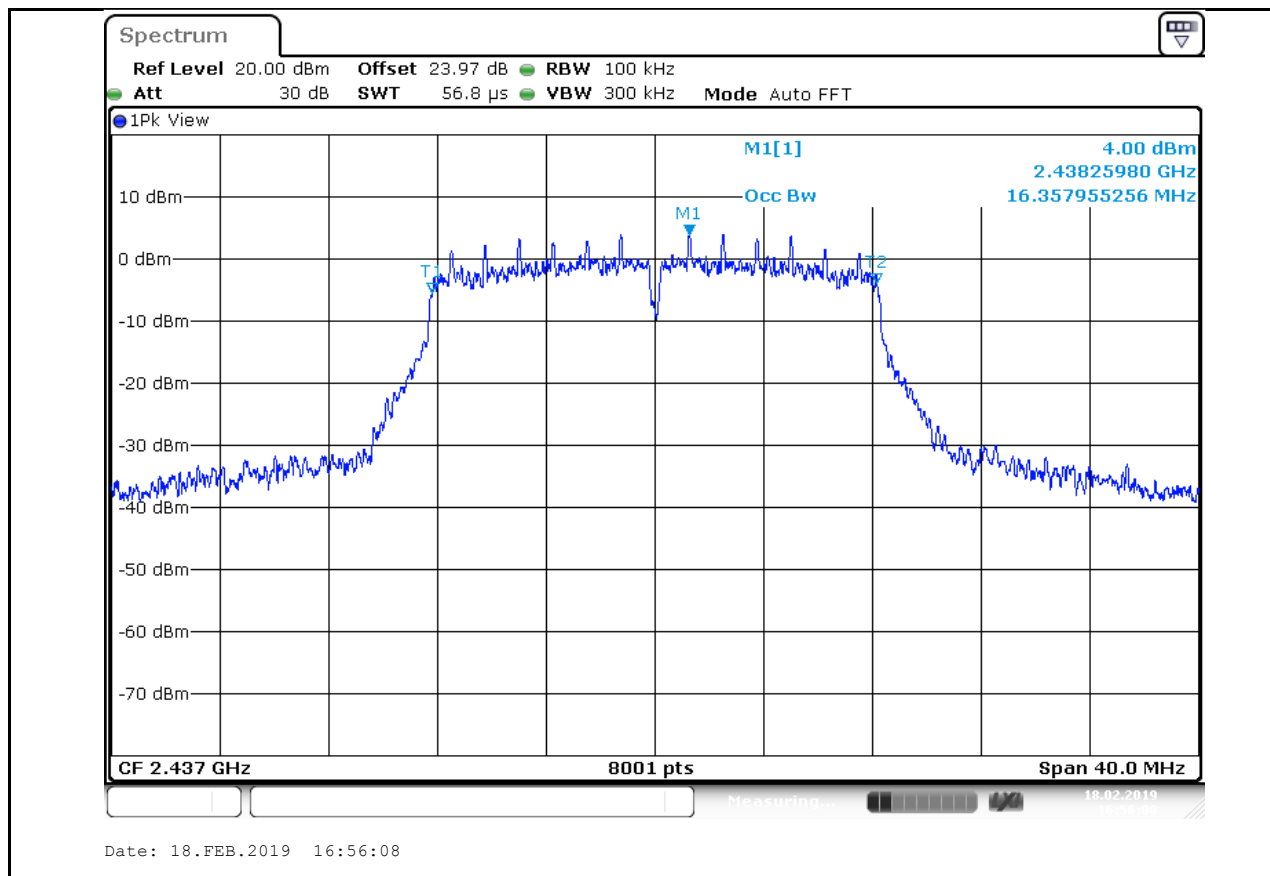
## Occupied Bandwidth\_11B\_2462



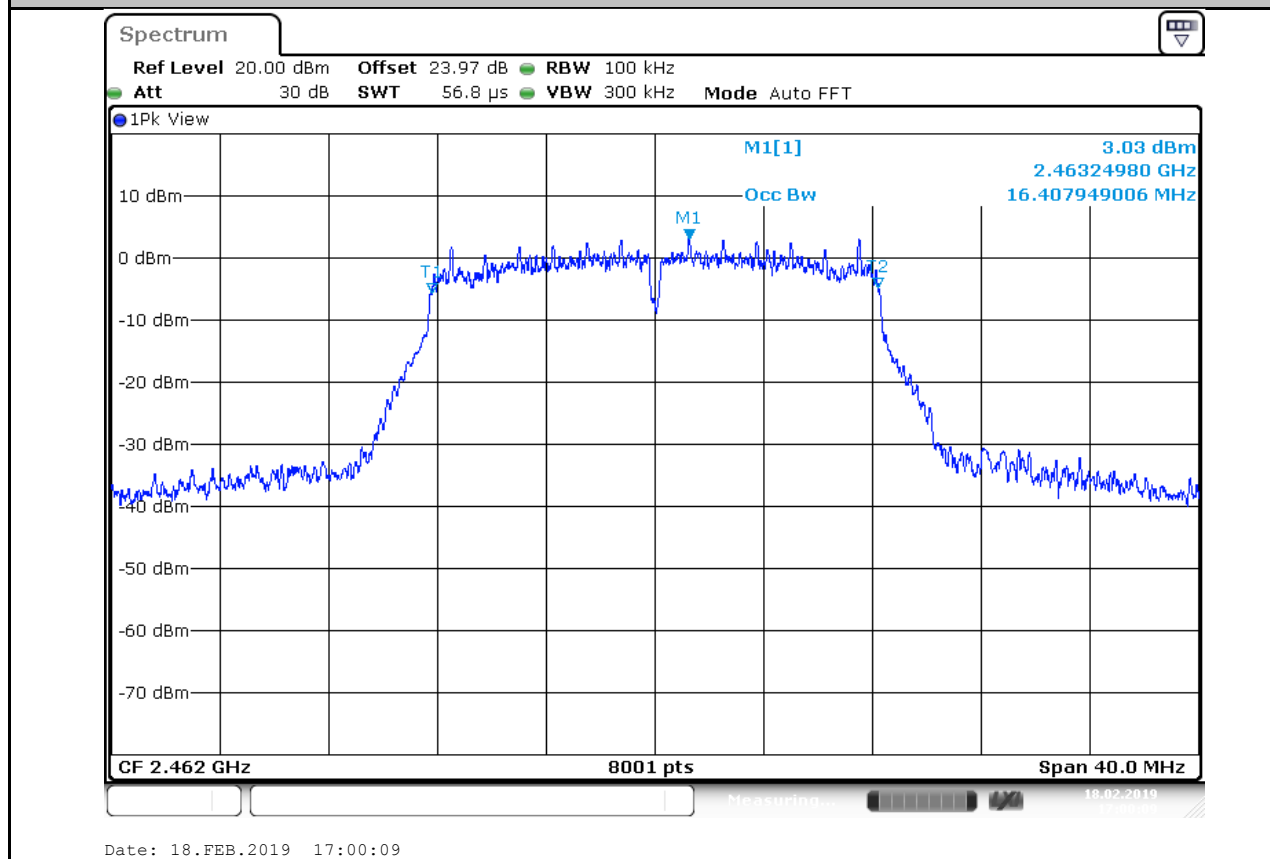
## Occupied Bandwidth\_11G\_2412



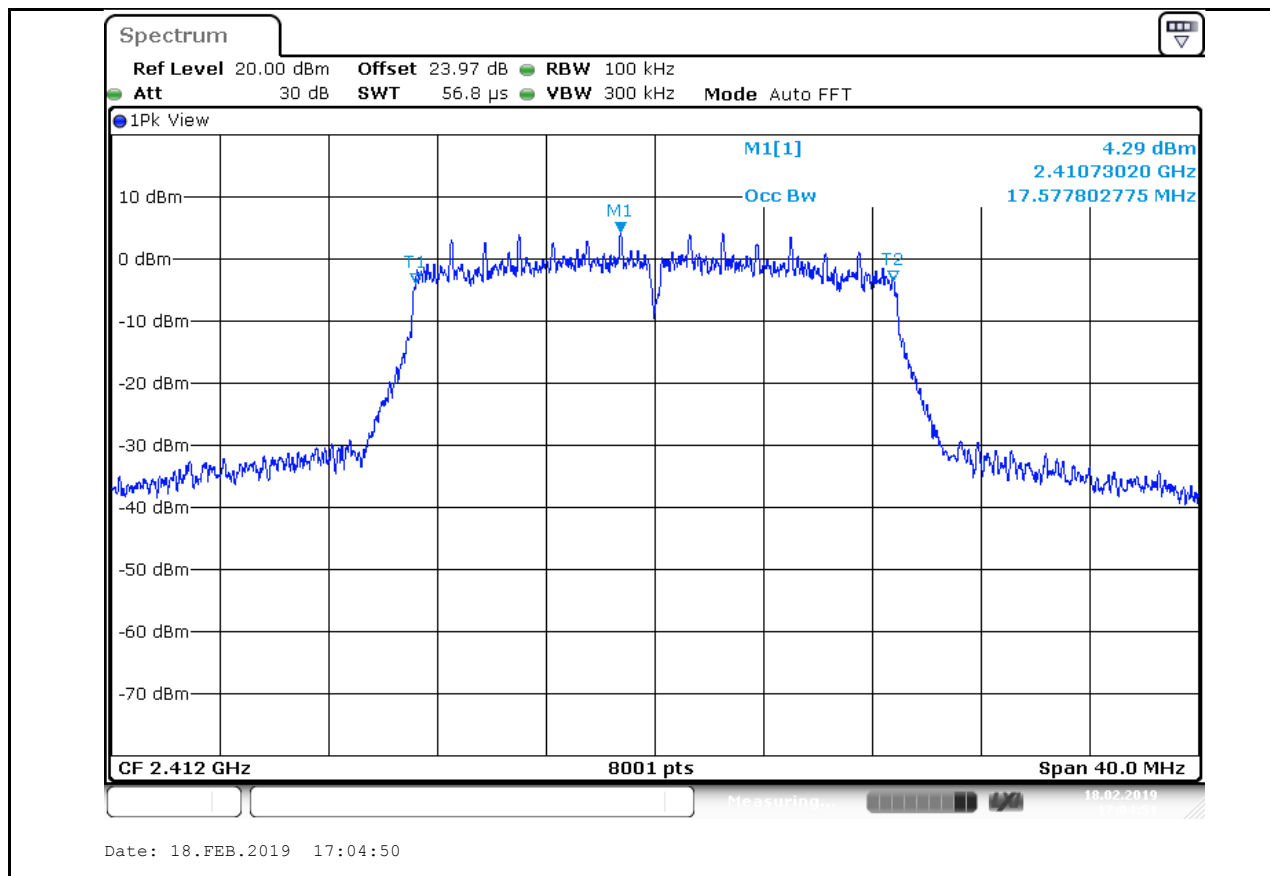
## Occupied Bandwidth\_11G\_2437



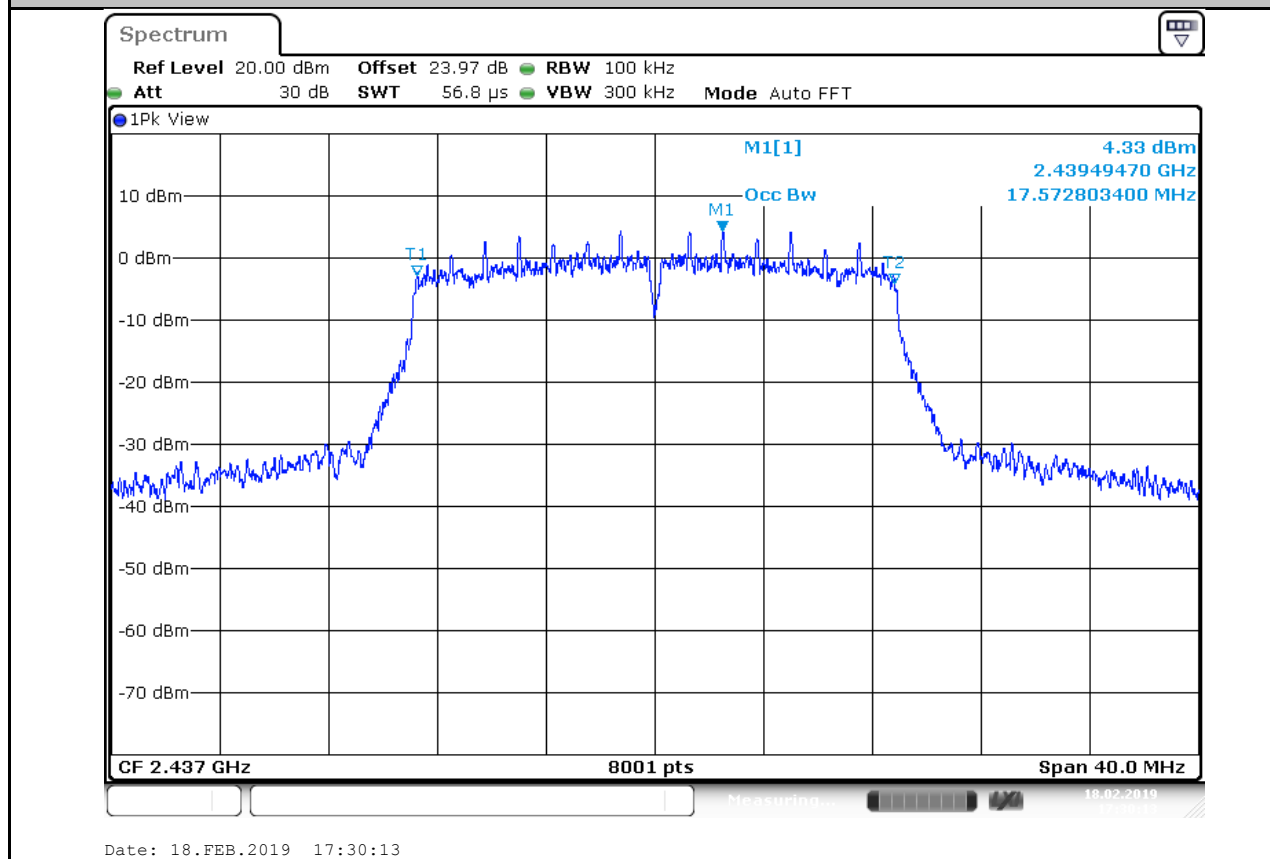
Occupied Bandwidth\_11G\_2462



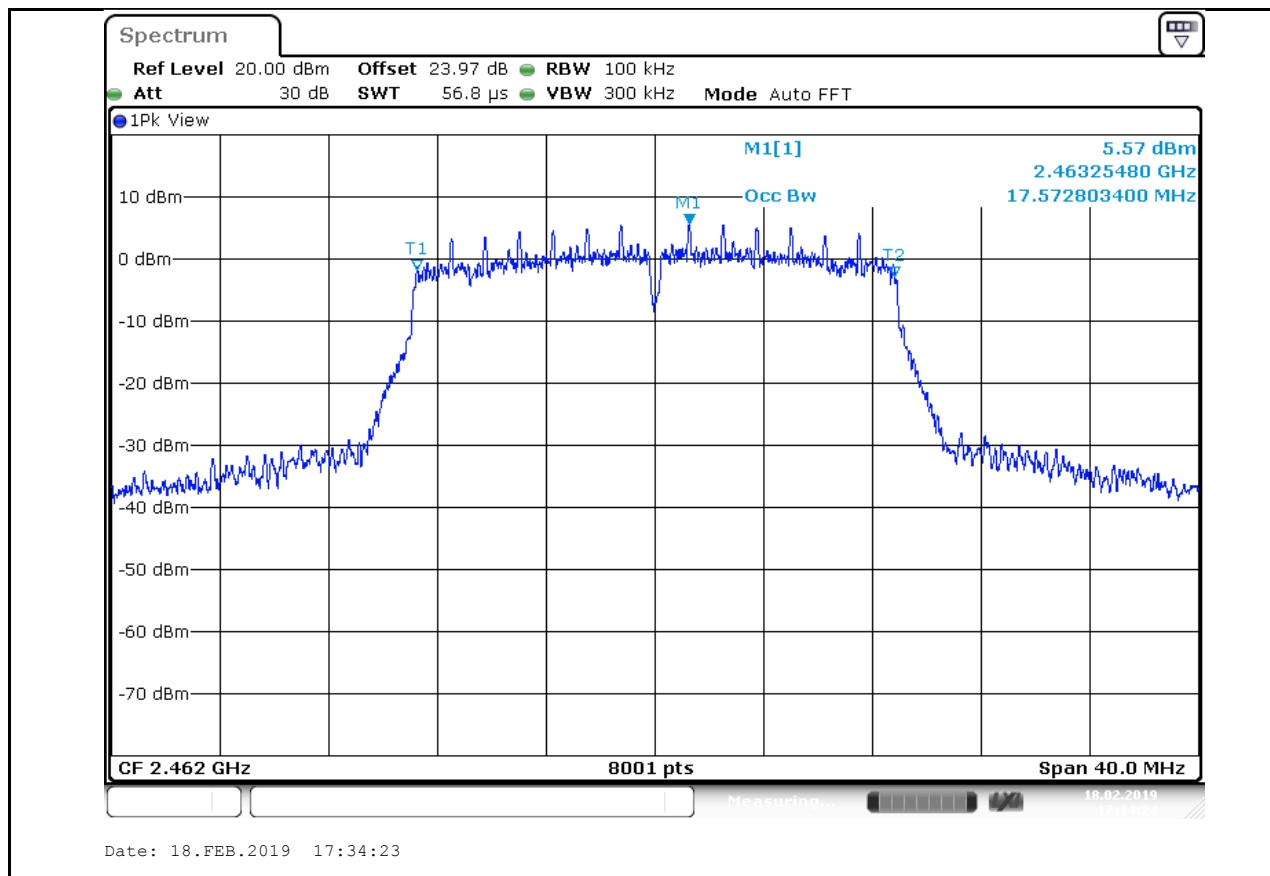
Occupied Bandwidth\_11N20SISO\_2412



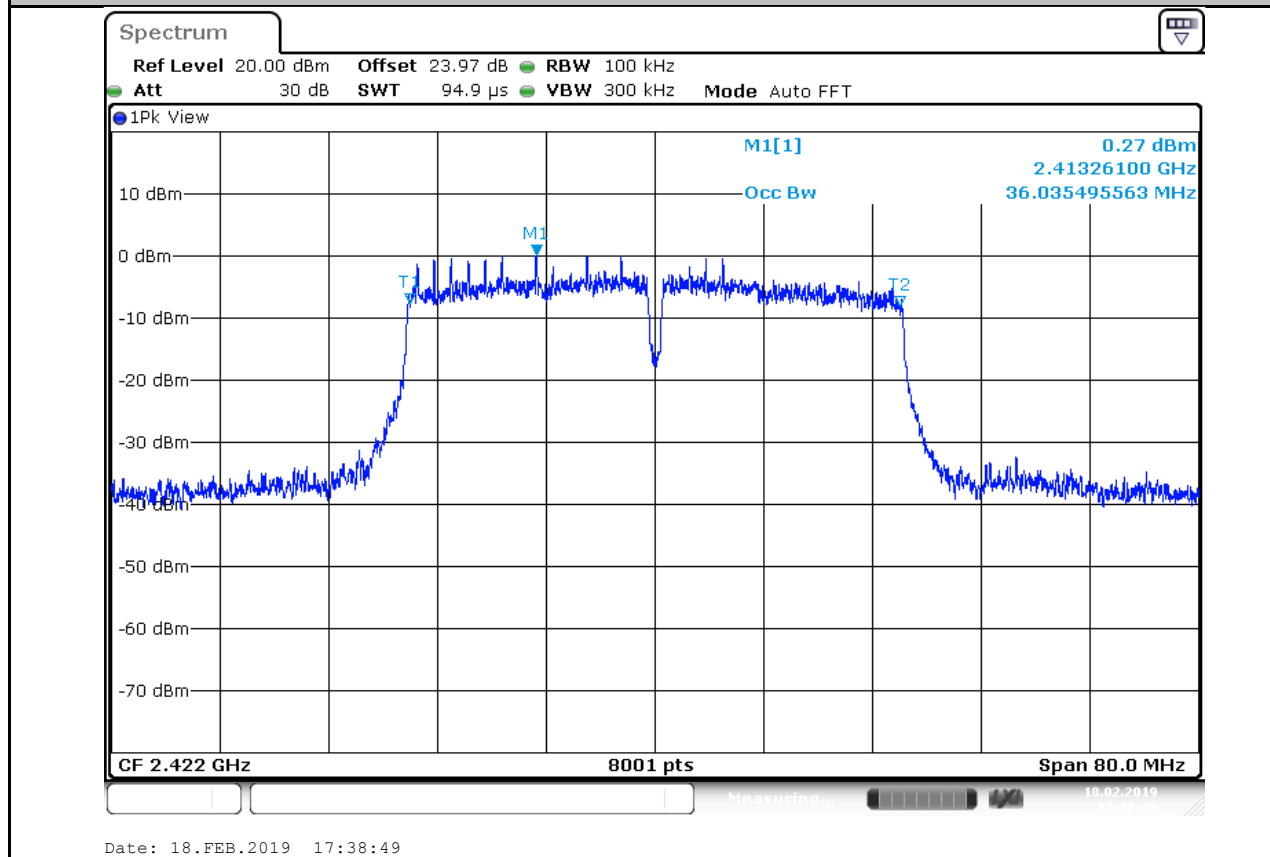
Occupied Bandwidth\_11N20SISO\_2437



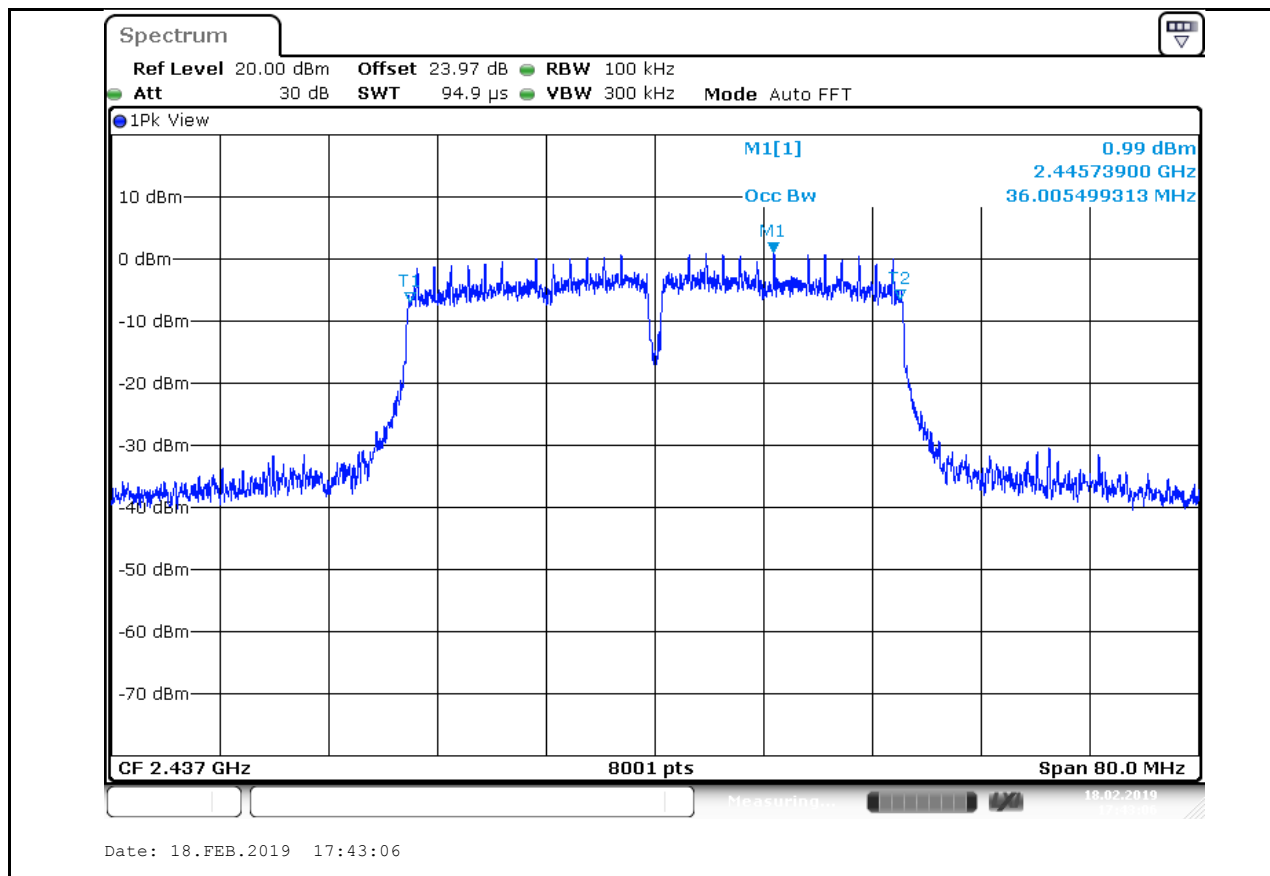
Occupied Bandwidth\_11N20SISO\_2462



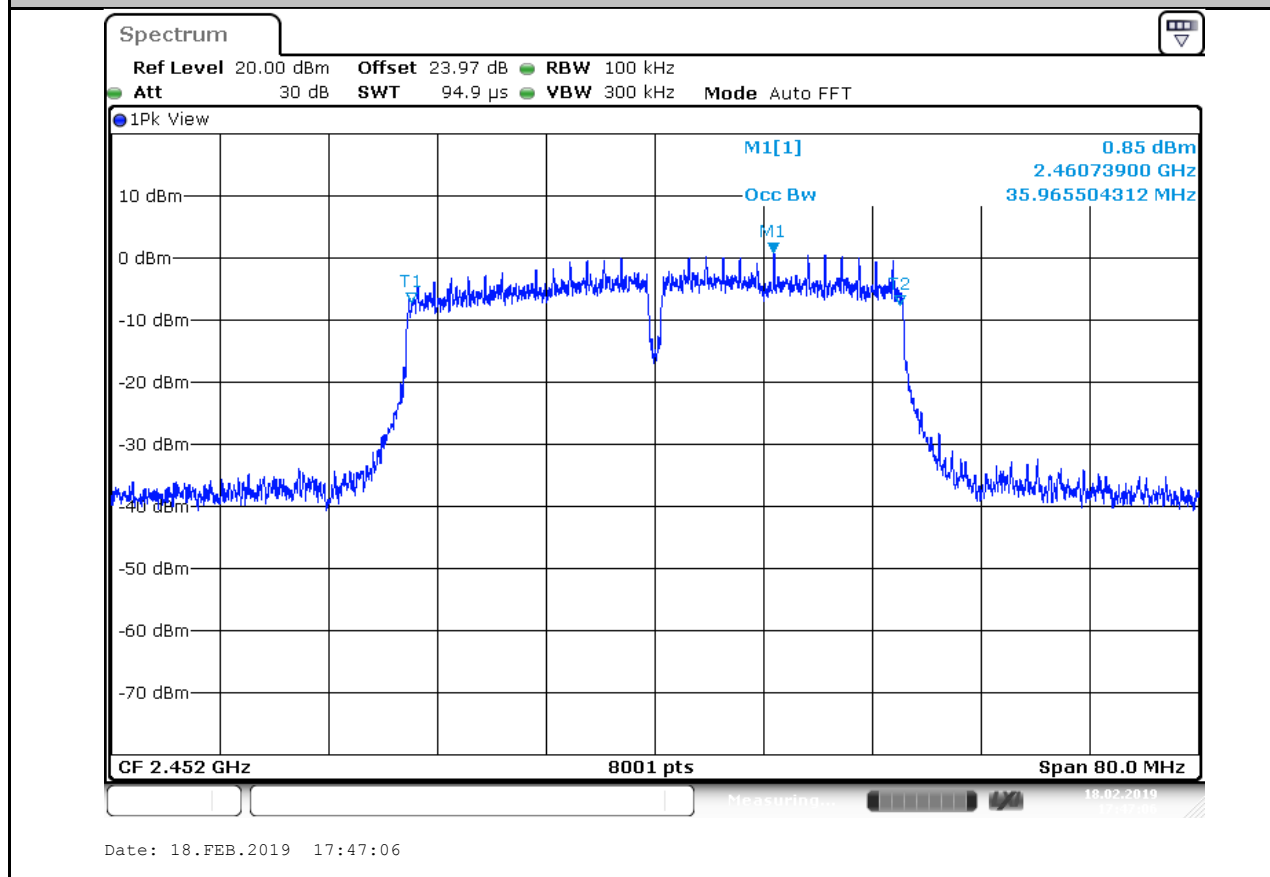
Occupied Bandwidth\_11N40SISO\_2422



Occupied Bandwidth\_11N40SISO\_2437



## Occupied Bandwidth\_11N40SISO\_2452

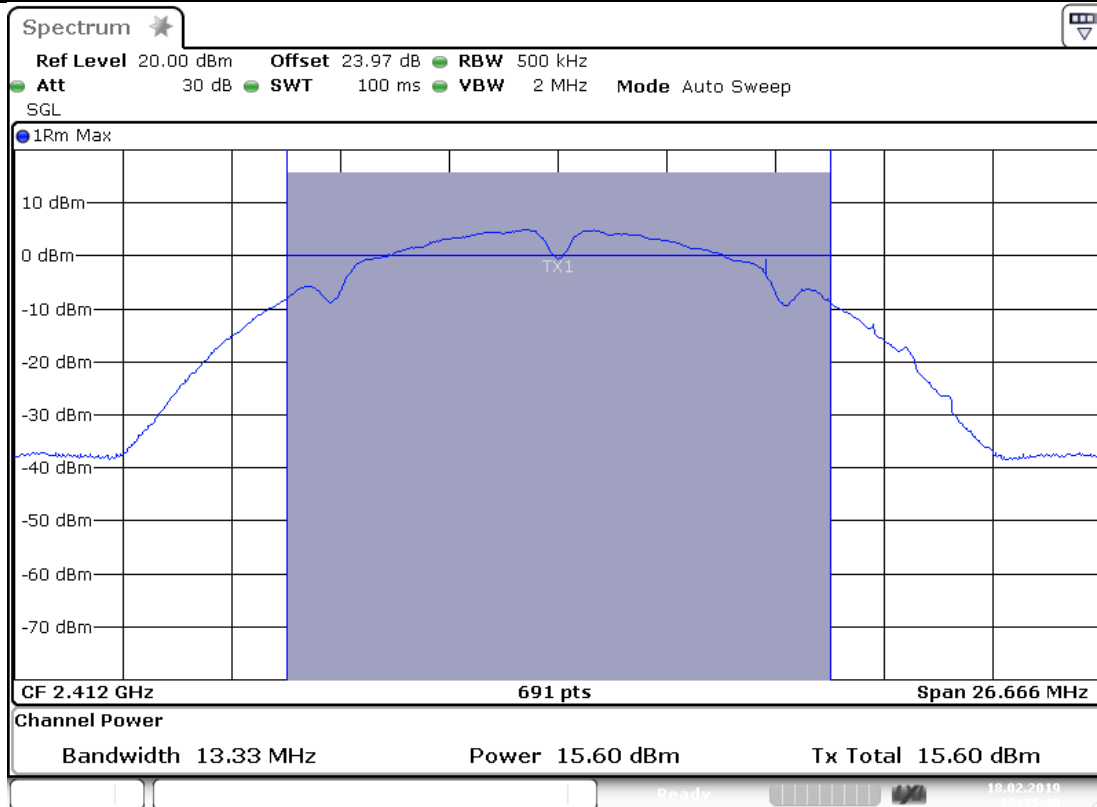


### 3.Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	15.66	30	PASS
11B	2437	Ant1	15.42	30	PASS
11B	2462	Ant1	15.54	30	PASS
11G	2412	Ant1	15.78	30	PASS
11G	2437	Ant1	15.36	30	PASS
11G	2462	Ant1	16.07	30	PASS
11N20SISO	2412	Ant1	16	30	PASS
11N20SISO	2437	Ant1	15.86	30	PASS
11N20SISO	2462	Ant1	17.18	30	PASS
11N40SISO	2422	Ant1	15.51	30	PASS
11N40SISO	2437	Ant1	16.41	30	PASS
11N40SISO	2452	Ant1	16.19	30	PASS

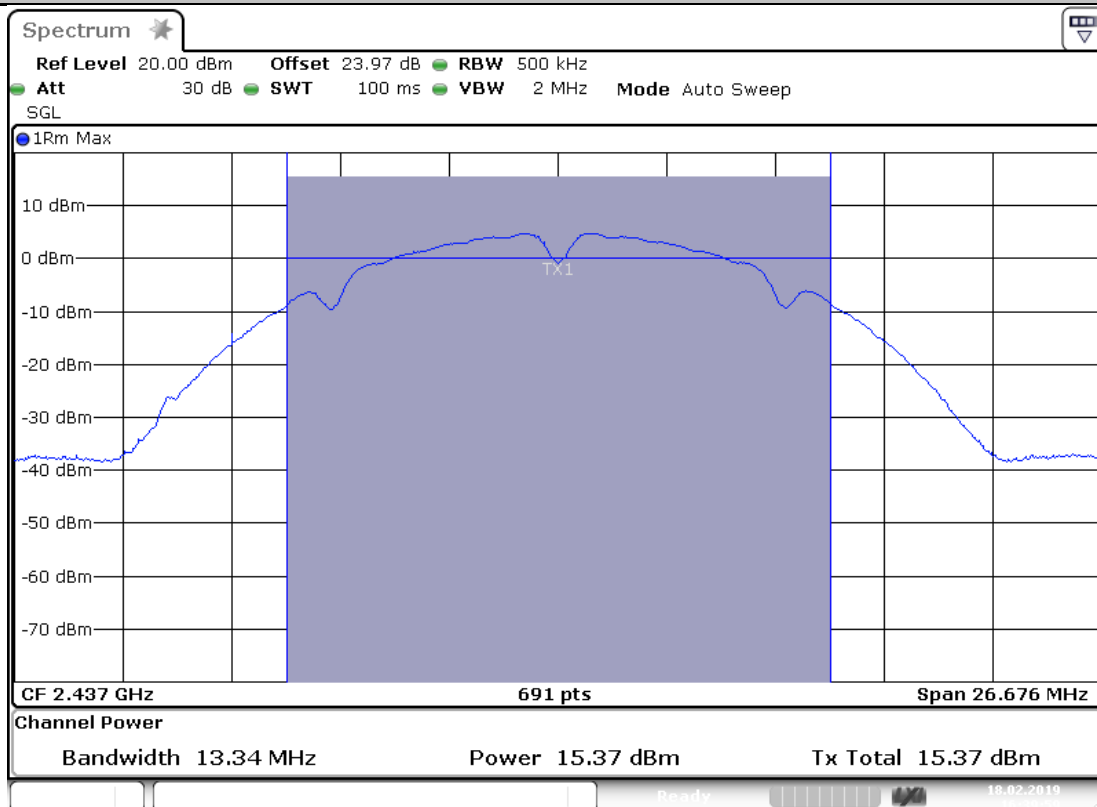


## Maximum conducted (average) output power\_11B\_2412



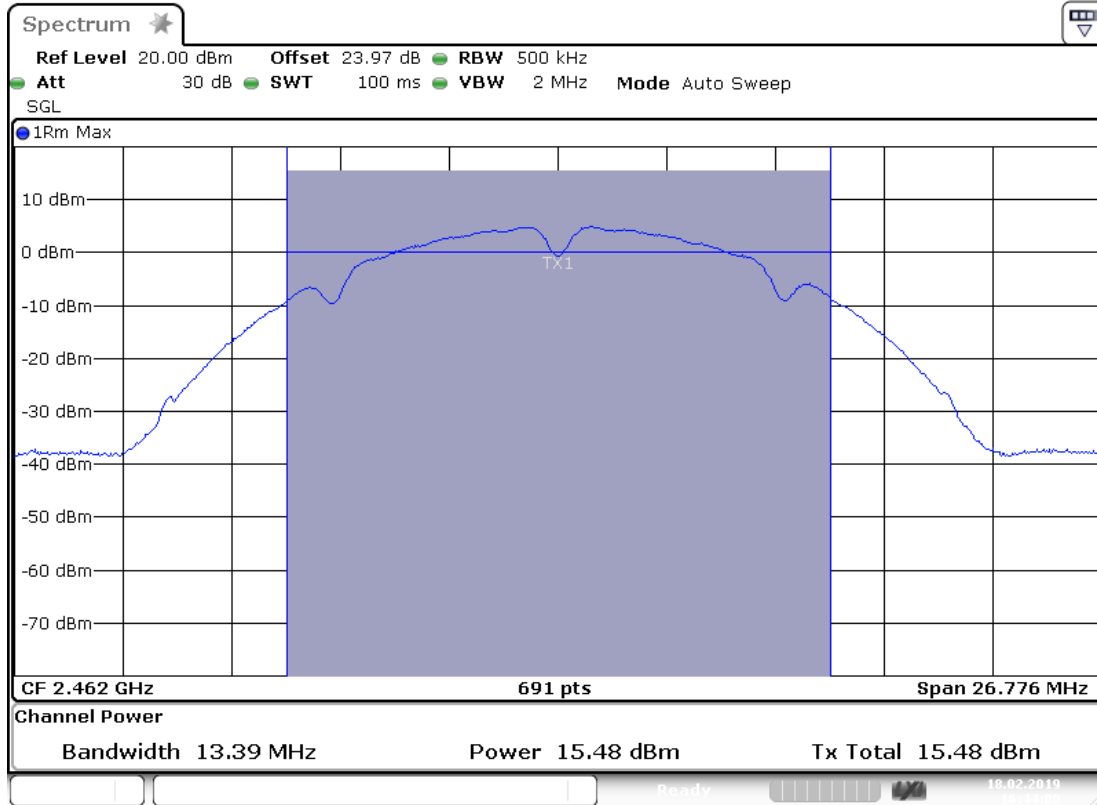
Date: 18.FEB.2019 16:35:40

## Maximum conducted (average) output power\_11B\_2437



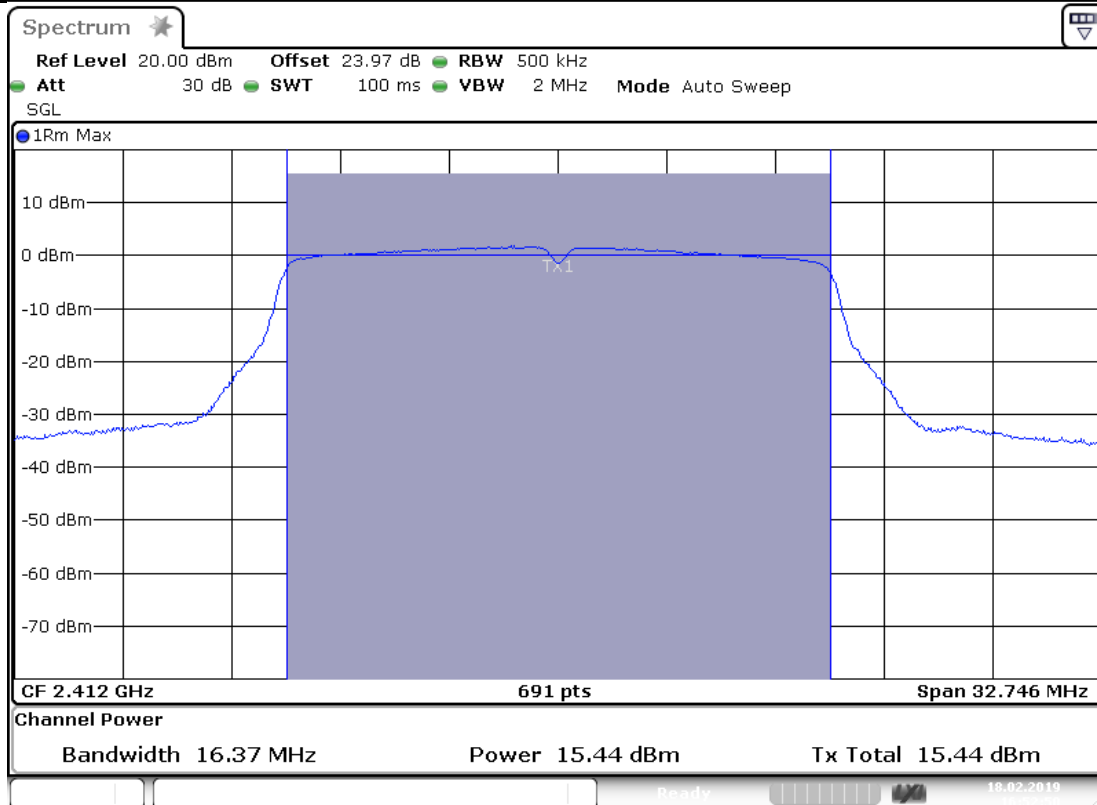
Date: 18.FEB.2019 16:39:59

## Maximum conducted (average) output power\_11B\_2462



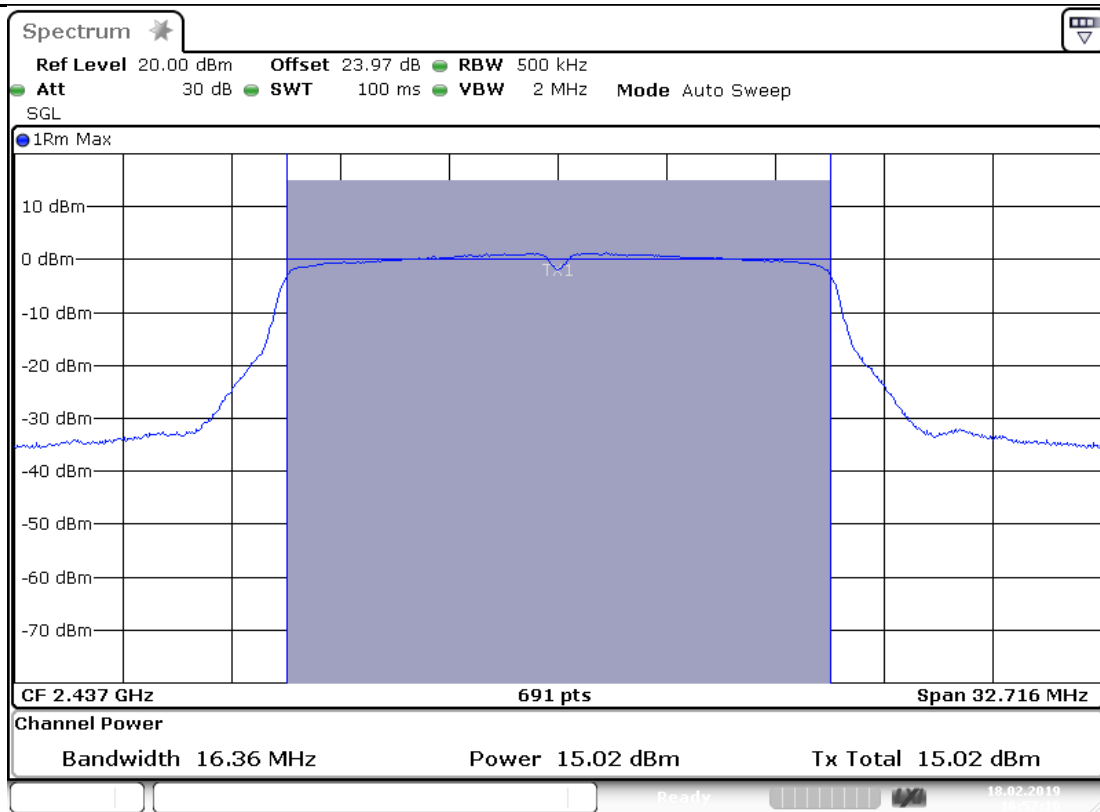
Date: 18.FEB.2019 16:44:00

## Maximum conducted (average) output power\_11G\_2412



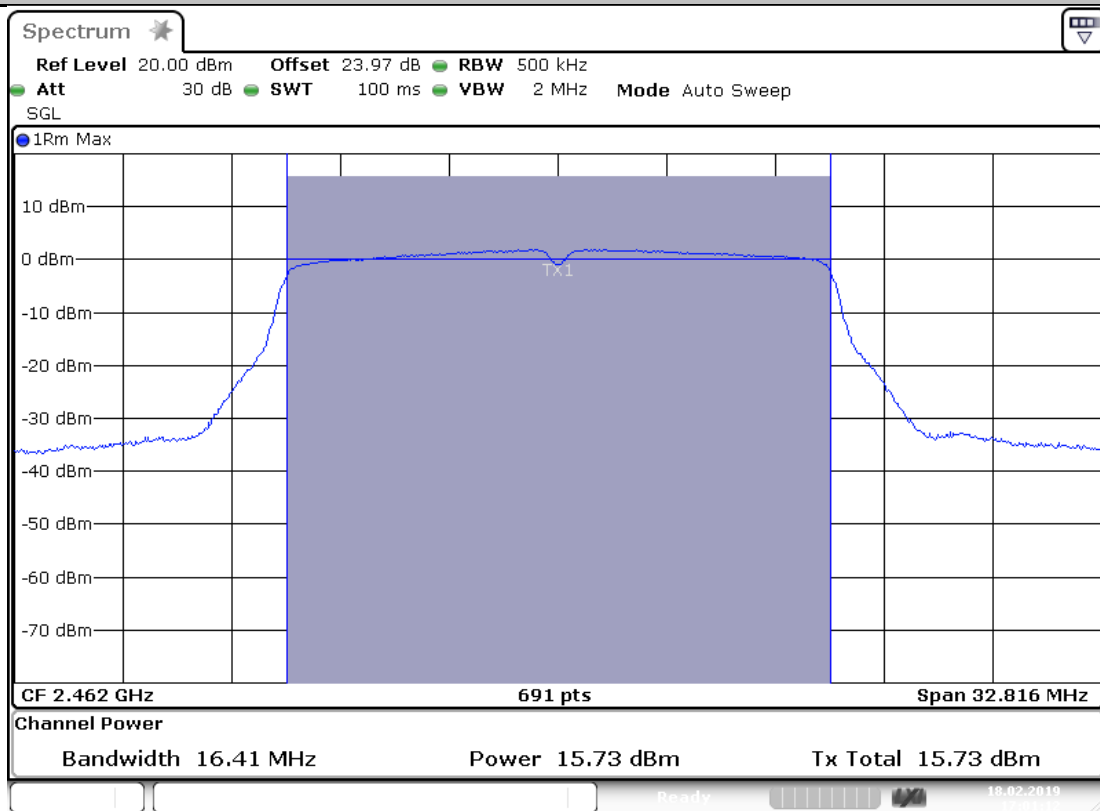
Date: 18.FEB.2019 16:52:50

## Maximum conducted (average) output power\_11G\_2437



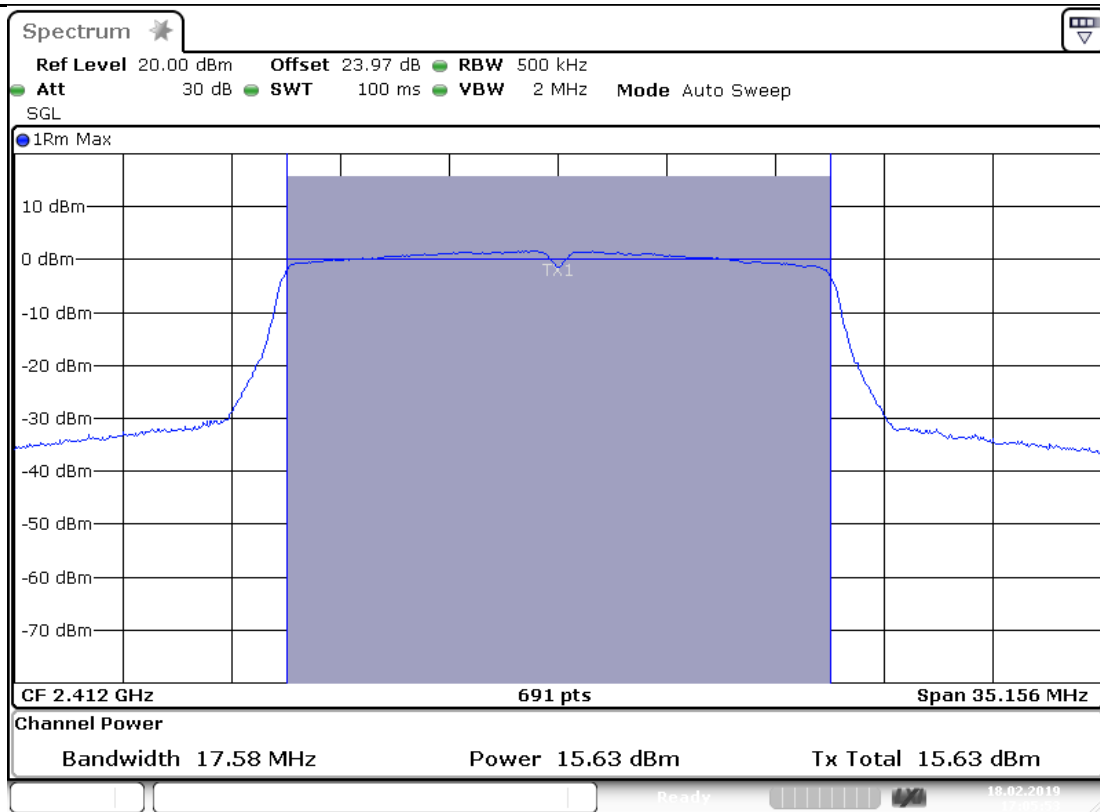
Date: 18.FEB.2019 16:57:10

Maximum conducted (average) output power\_11G\_2462



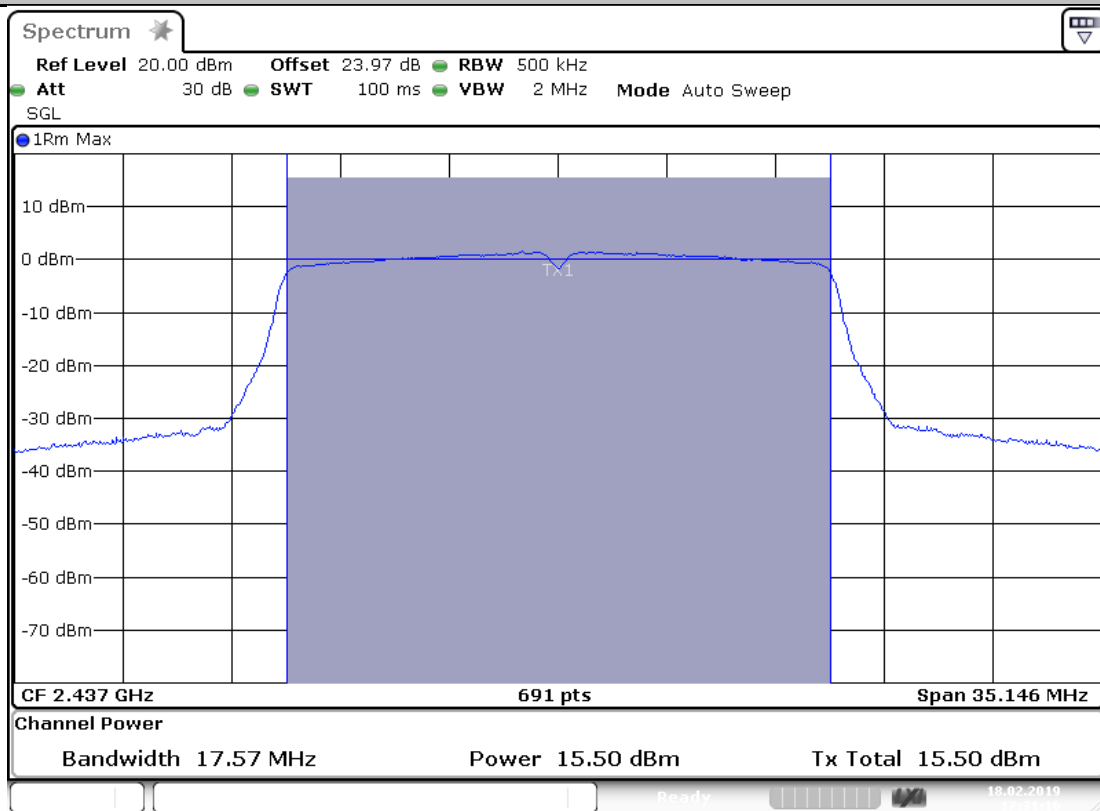
Date: 18.FEB.2019 17:01:11

Maximum conducted (average) output power\_11N20SISO\_2412



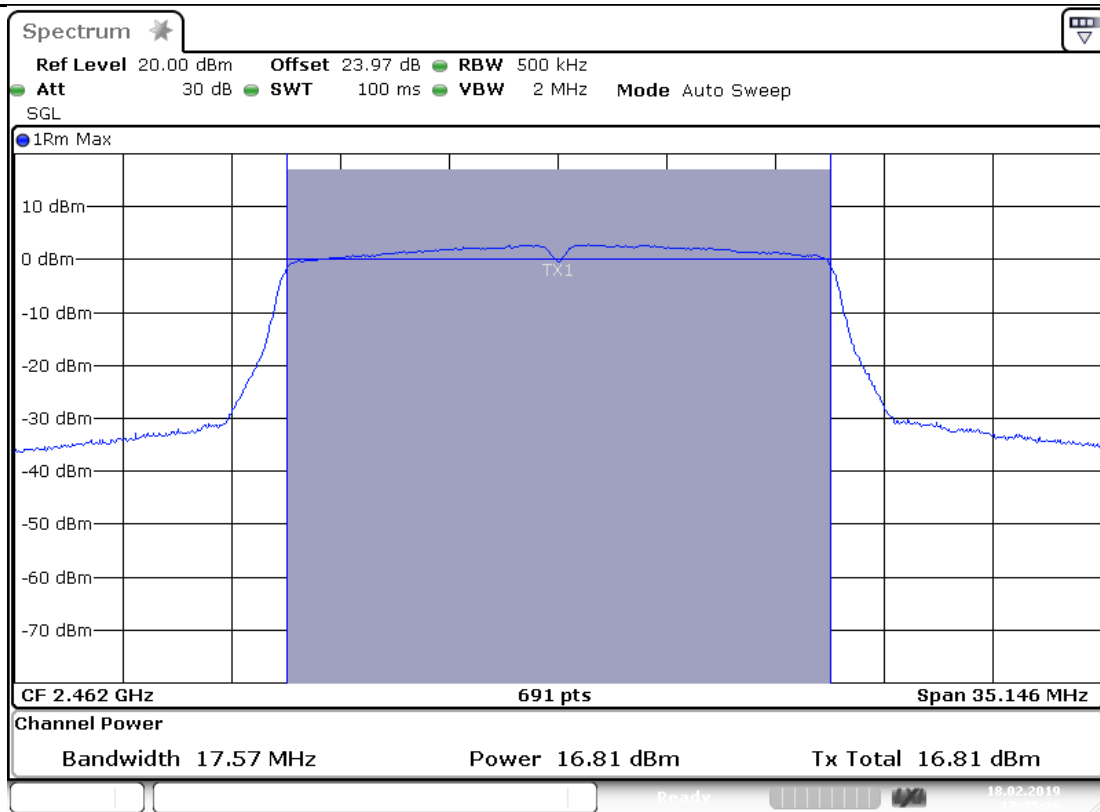
Date: 18.FEB.2019 17:05:53

Maximum conducted (average) output power\_11N20SISO\_2437



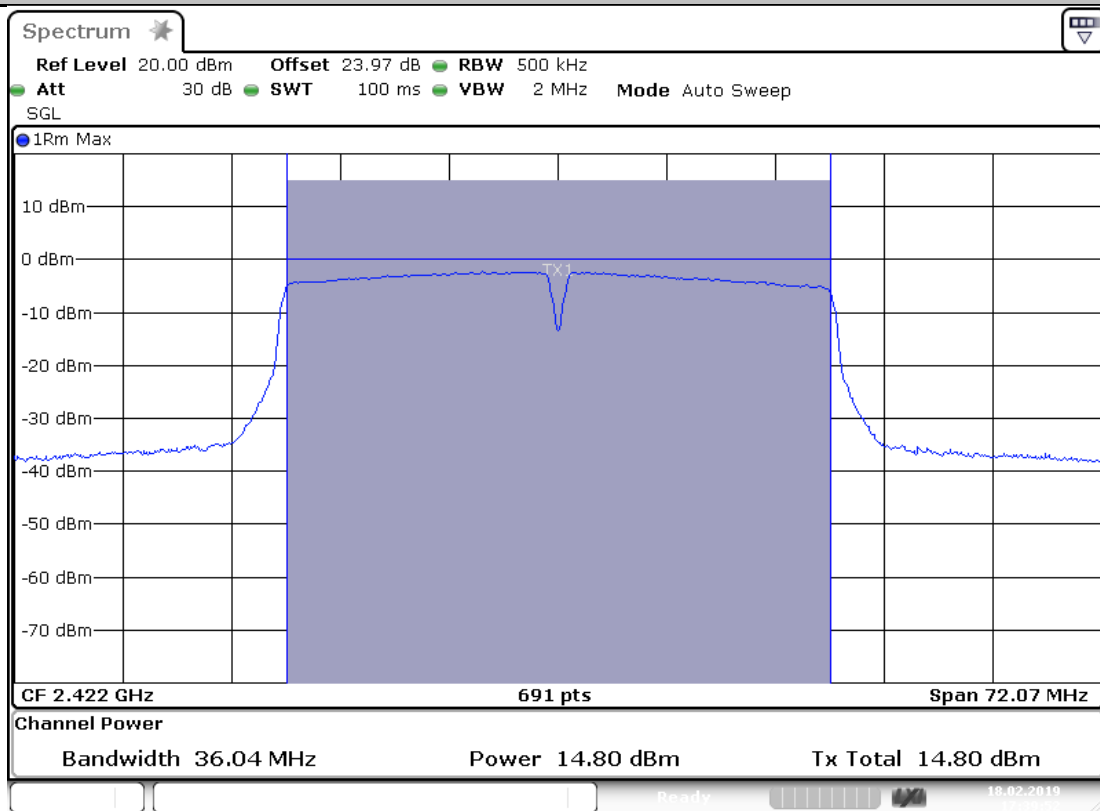
Date: 18.FEB.2019 17:31:16

Maximum conducted (average) output power\_11N20SISO\_2462



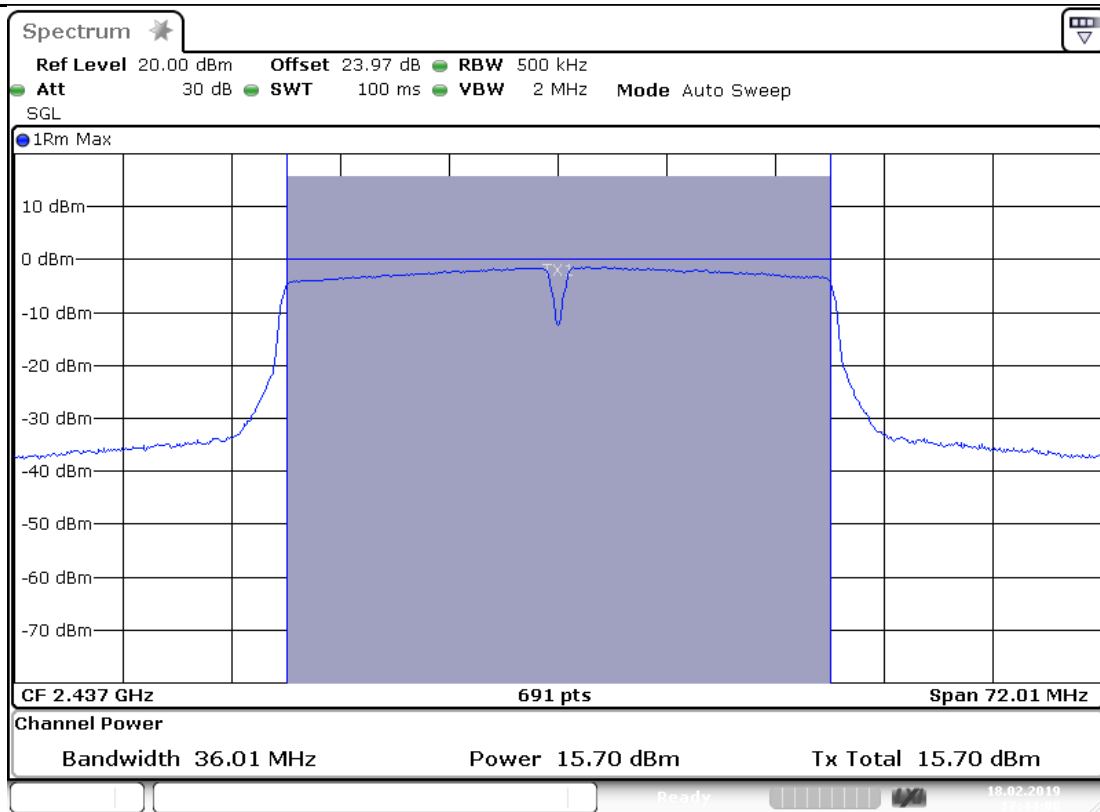
Date: 18.FEB.2019 17:35:26

Maximum conducted (average) output power\_11N40SISO\_2422



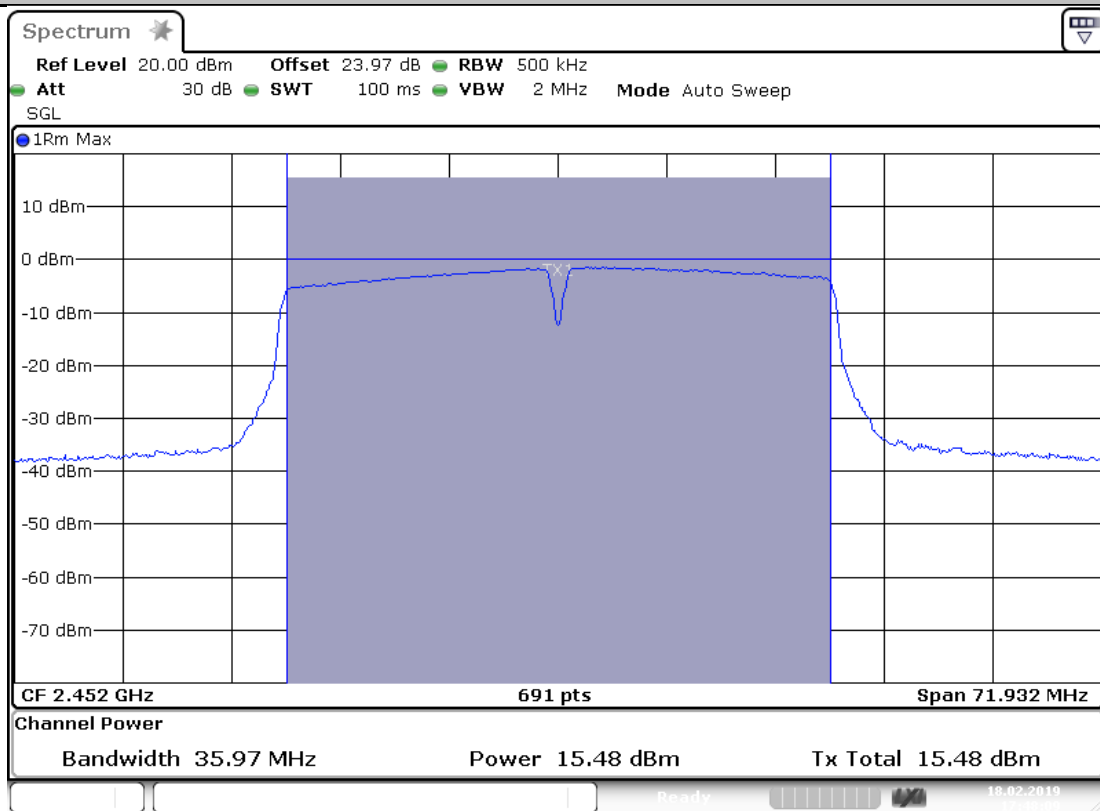
Date: 18.FEB.2019 17:39:52

Maximum conducted (average) output power\_11N40SISO\_2437



Date: 18.FEB.2019 17:44:08

## Maximum conducted (average) output power\_11N40SISO\_2452



Date: 18.FEB.2019 17:48:09

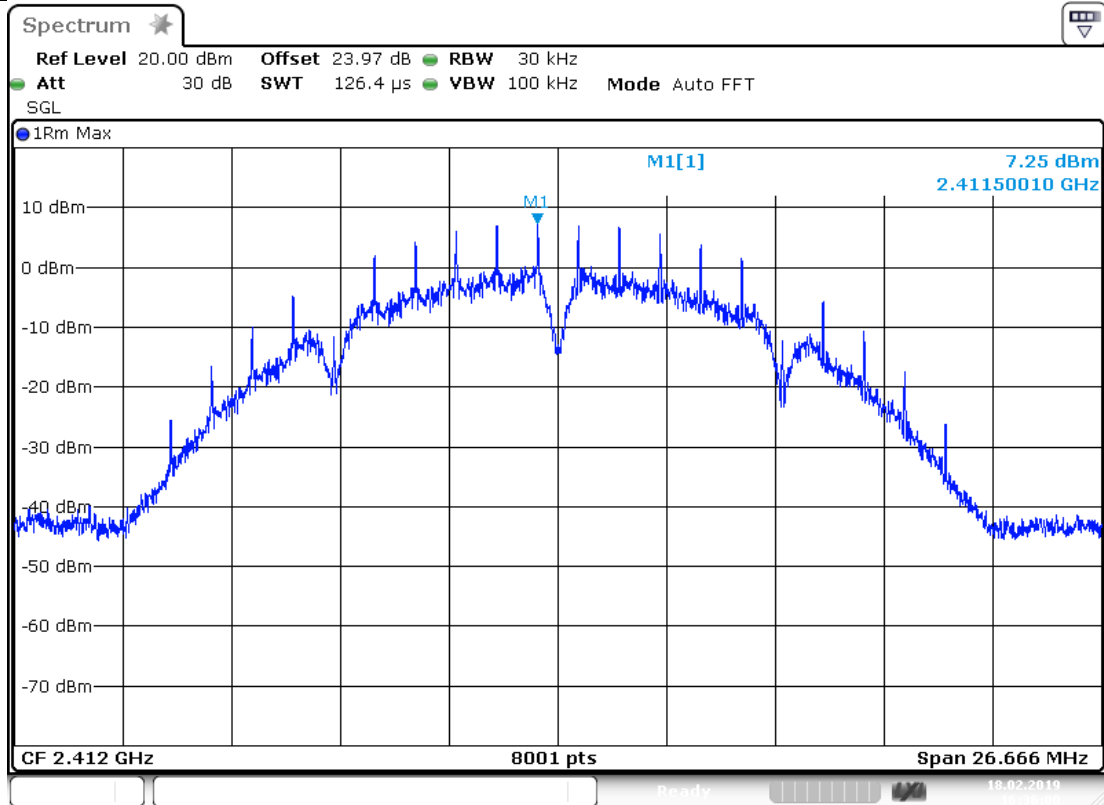
## 4.Maximum(average) power spectral density

Note:  $\text{PSD [dBm/3kHz]} = \text{PSD[dBm/30kHz]} - 10\log(30/3) = \text{PSD[dBm/30kHz]} - 10$

Test Mode	Test Channel	Ant	PSD [dBm/30KHz]	PSD [dBm/3KHz]	Limit [dBm/MHz]	Verdict
11B	2412	Ant1	7.25	-2.75	8	PASS
11B	2437	Ant1	6.76	-3.24	8	PASS
11B	2462	Ant1	7.03	-2.97	8	PASS
11G	2412	Ant1	-1.07	-11.07	8	PASS
11G	2437	Ant1	-1.23	-11.23	8	PASS
11G	2462	Ant1	-0.38	-10.38	8	PASS
11N20SISO	2412	Ant1	0.61	-9.39	8	PASS
11N20SISO	2437	Ant1	-0.42	-10.42	8	PASS
11N20SISO	2462	Ant1	0.65	-9.35	8	PASS
11N40SISO	2422	Ant1	-4.70	-14.7	8	PASS
11N40SISO	2437	Ant1	-3.47	-13.47	8	PASS
11N40SISO	2452	Ant1	-3.30	-13.3	8	PASS

## TEST PLOT

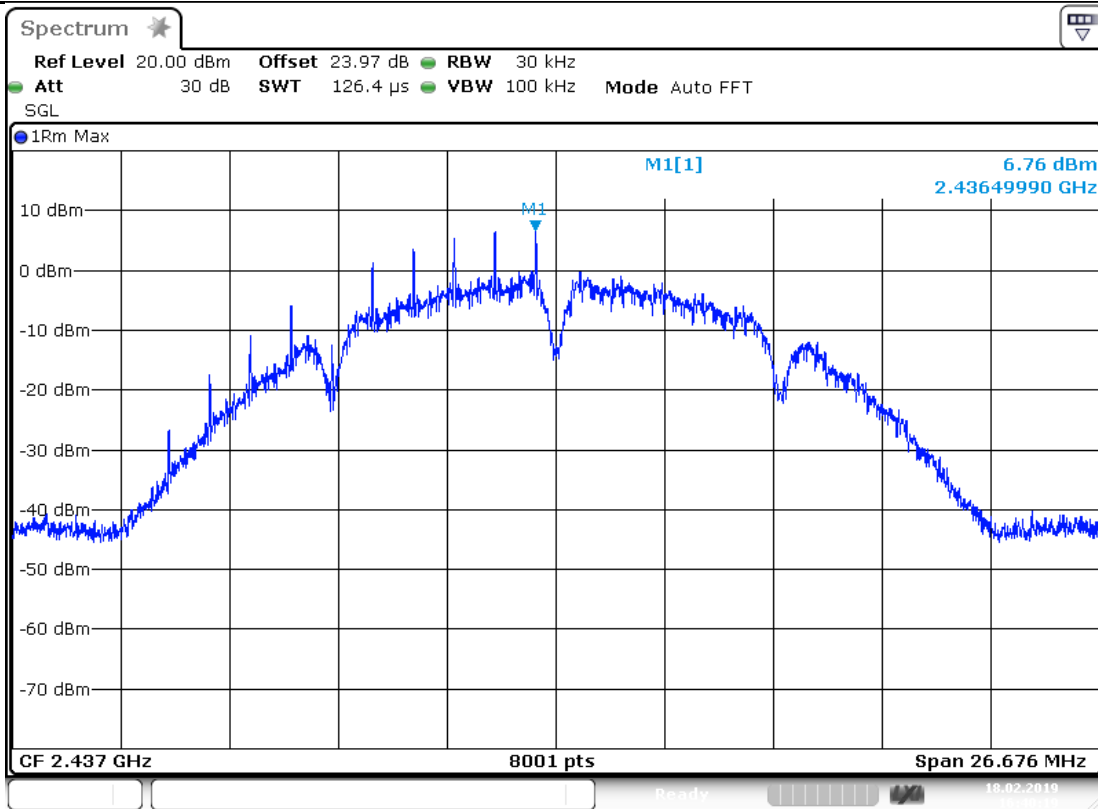
Maximum(average) power spectral density\_11B\_2412



Date: 18.FEB.2019 16:36:00

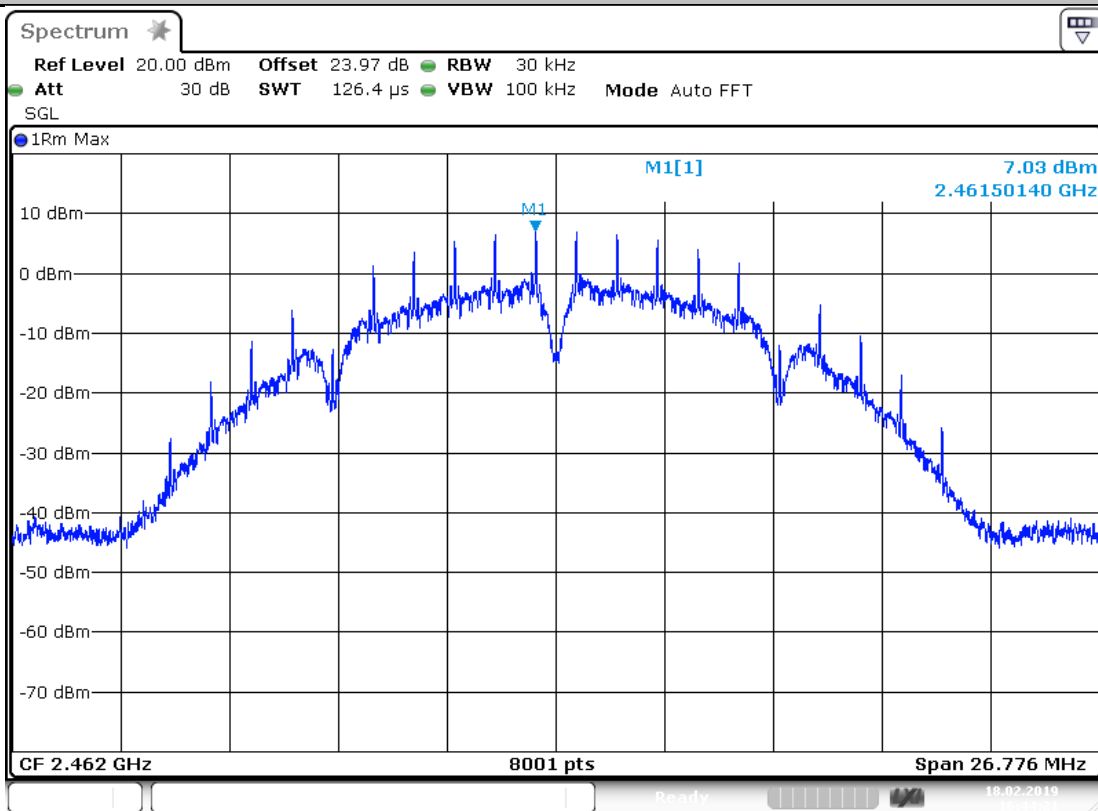
Maximum(average) power spectral density\_11B\_2437





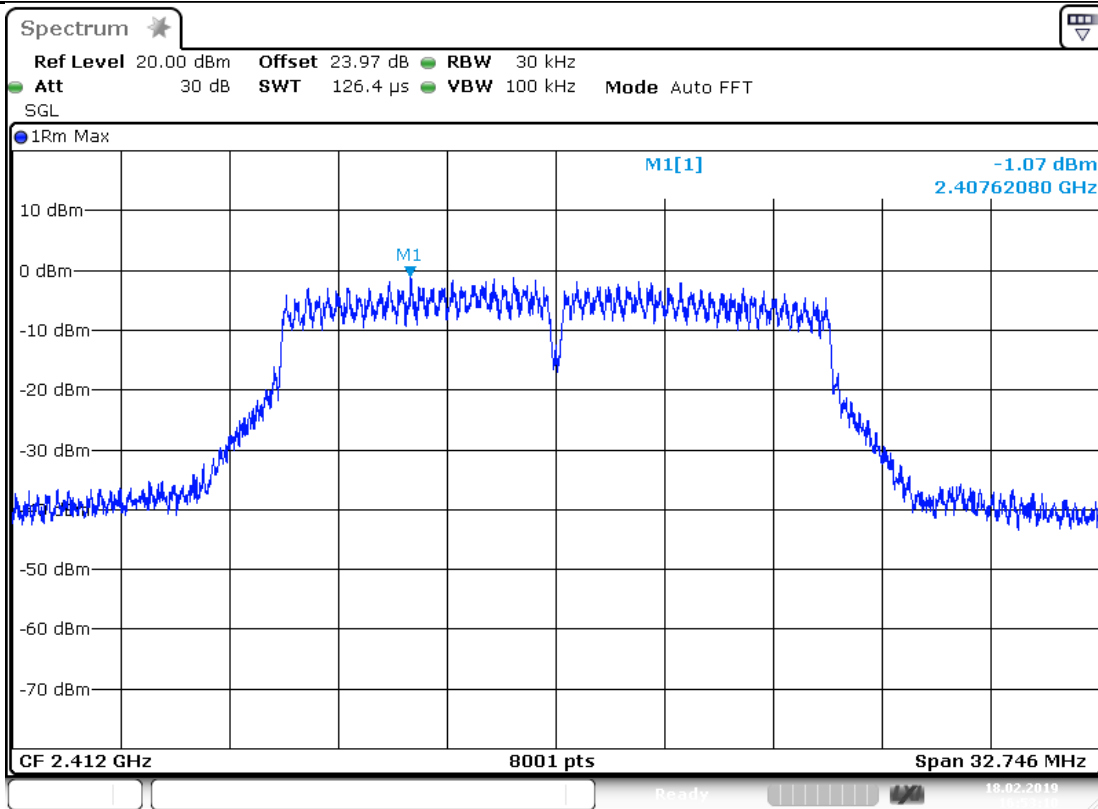
Date: 18.FEB.2019 16:40:19

Maximum(average) power spectral density\_11B\_2462



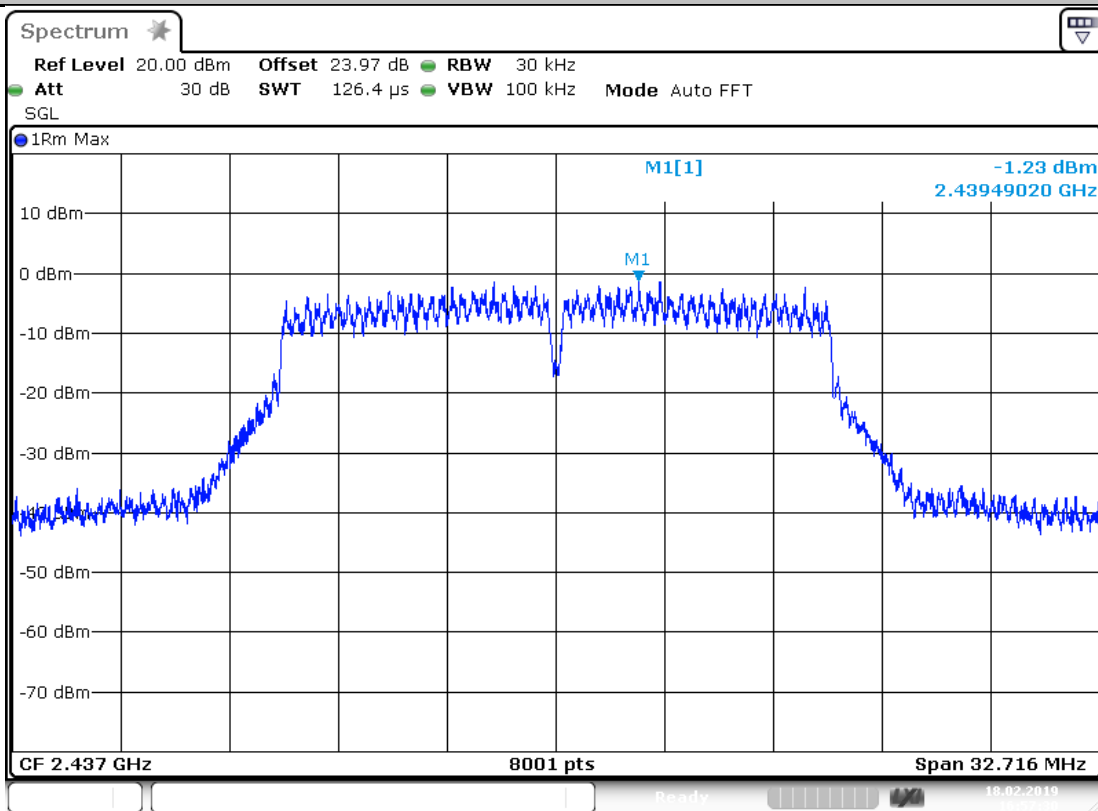
Date: 18.FEB.2019 16:44:20

Maximum(average) power spectral density\_11G\_2412



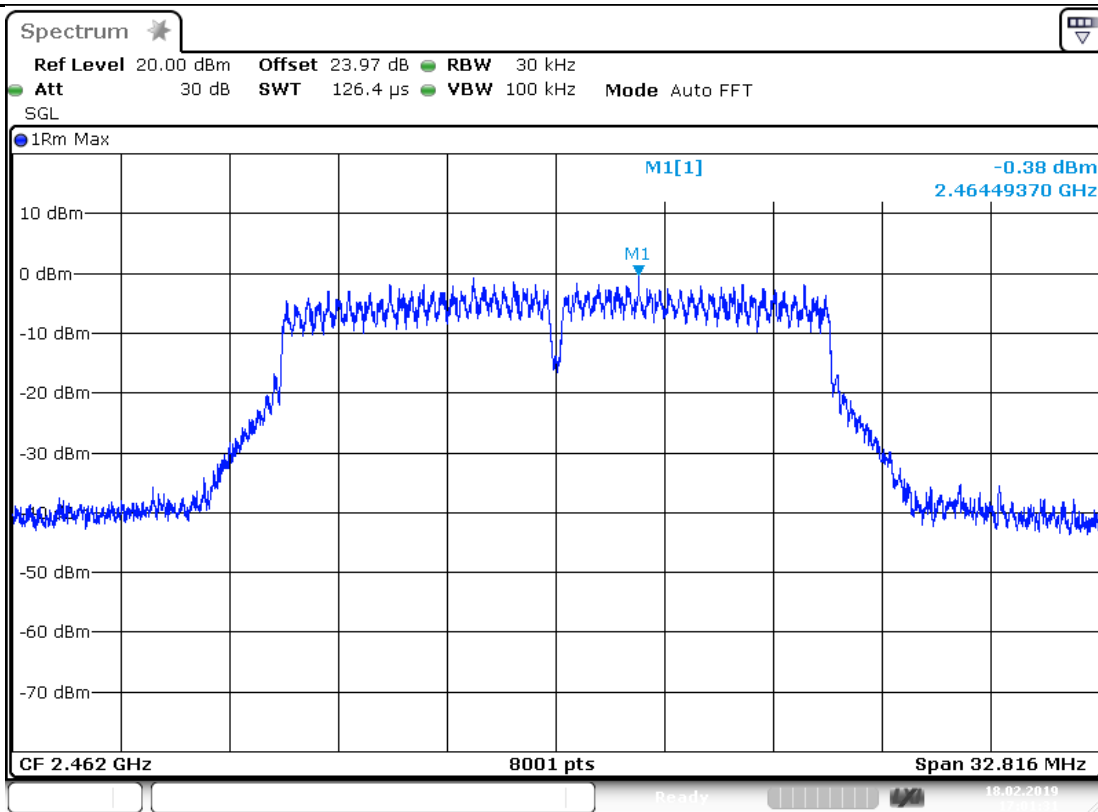
Date: 18.FEB.2019 16:53:11

Maximum(average) power spectral density\_11G\_2437



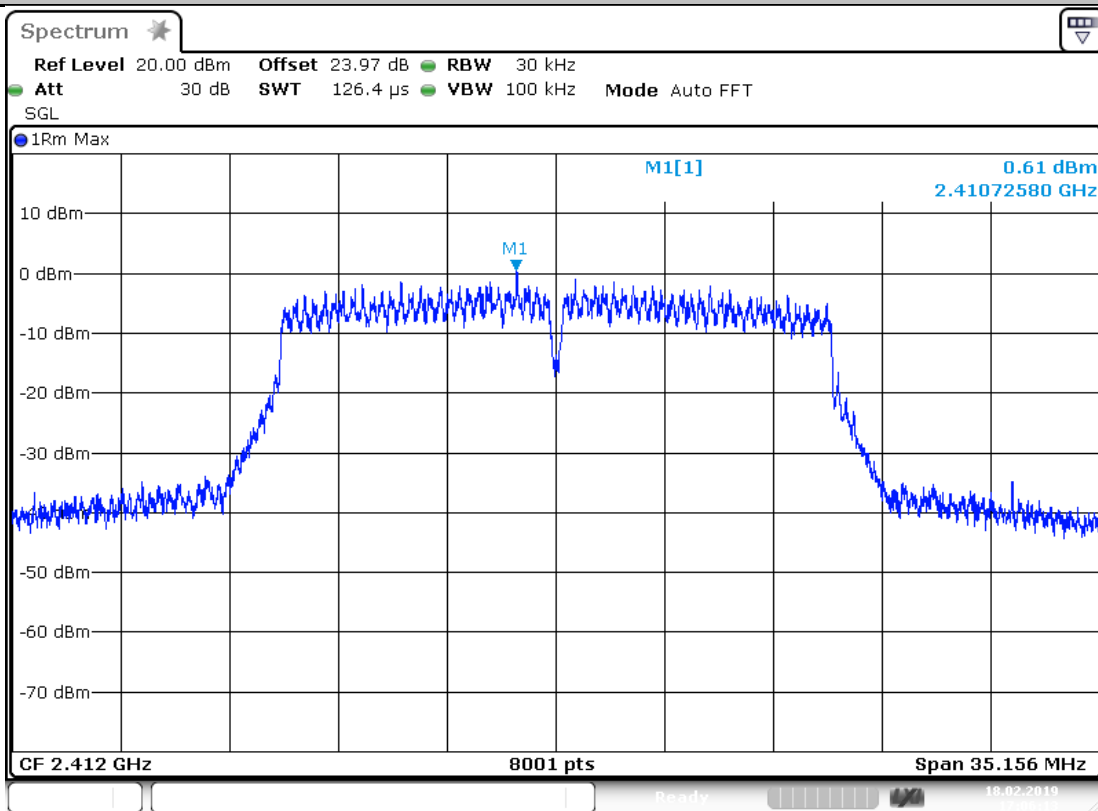
Date: 18.FEB.2019 16:57:30

Maximum(average) power spectral density\_11G\_2462



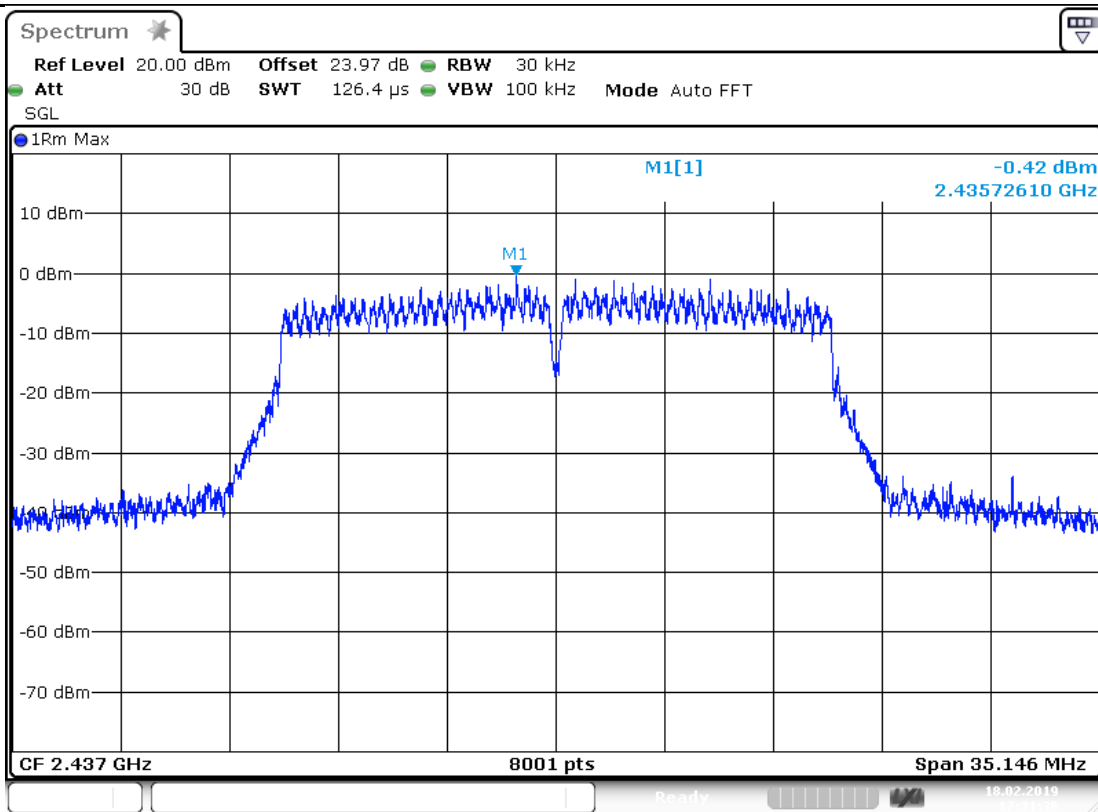
Date: 18.FEB.2019 17:01:32

Maximum(average) power spectral density\_11N20SISO\_2412



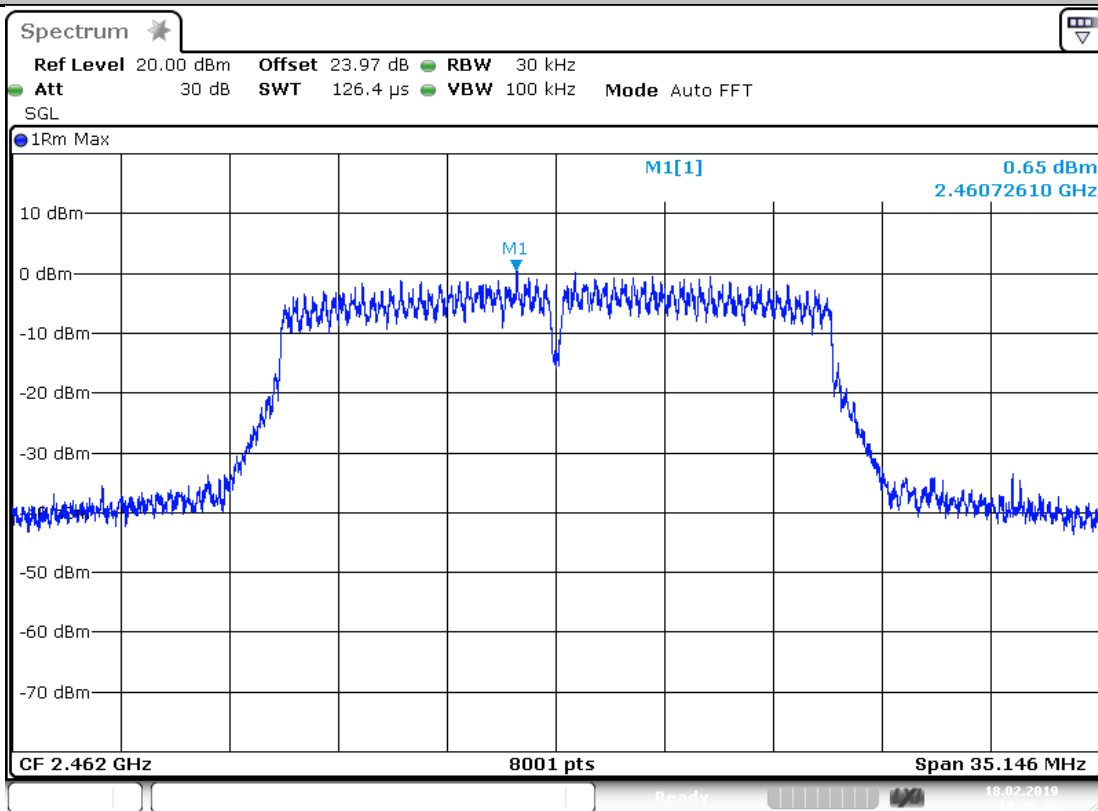
Date: 18.FEB.2019 17:06:13

Maximum(average) power spectral density\_11N20SISO\_2437



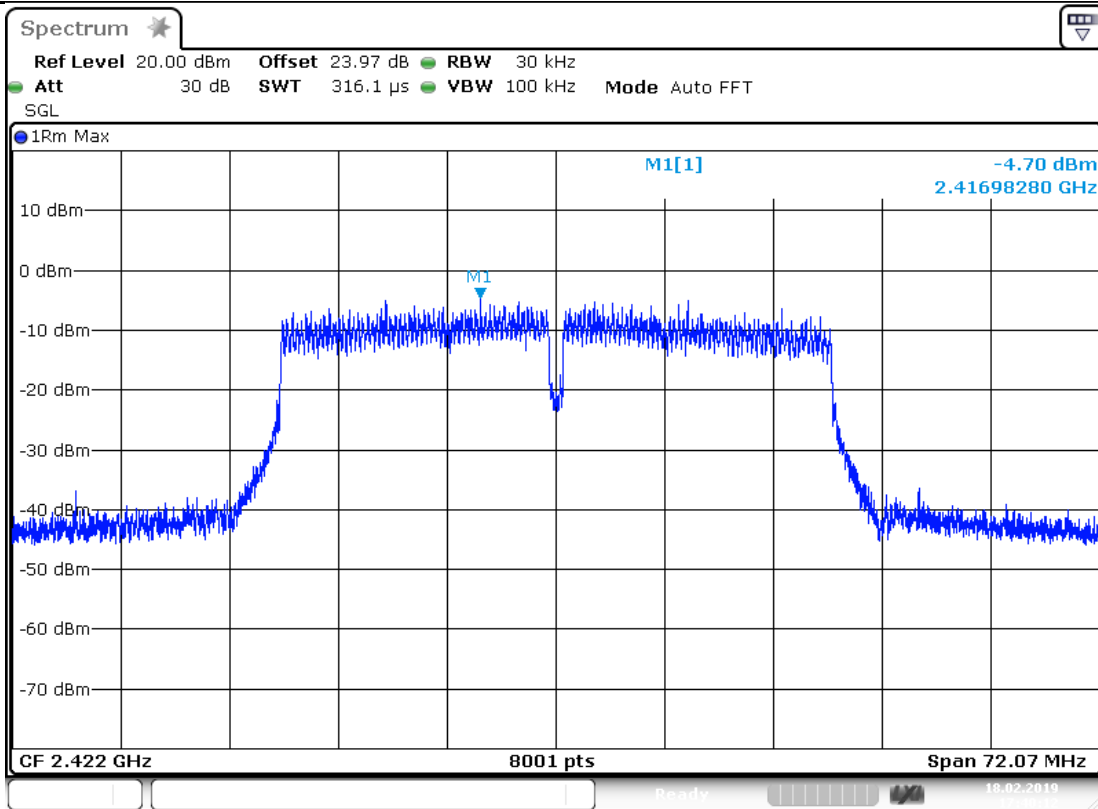
Date: 18.FEB.2019 17:31:36

Maximum(average) power spectral density\_11N20SISO\_2462



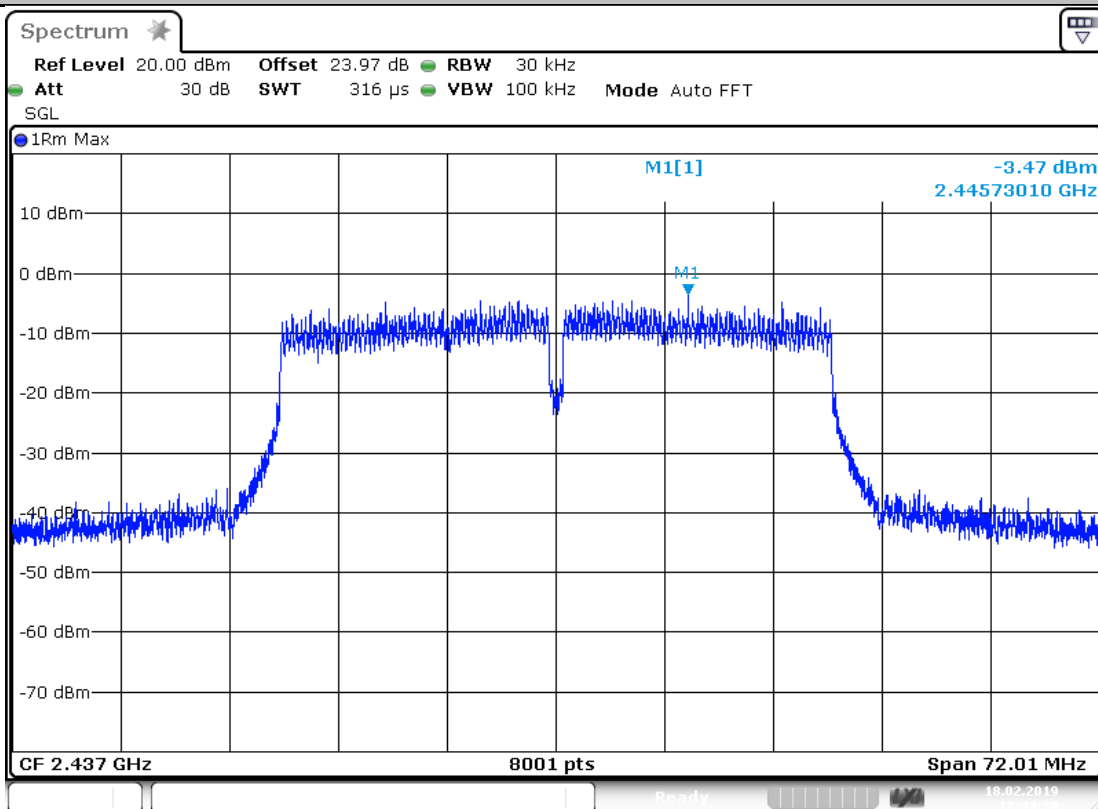
Date: 18.FEB.2019 17:35:46

Maximum(average) power spectral density\_11N40SISO\_2422



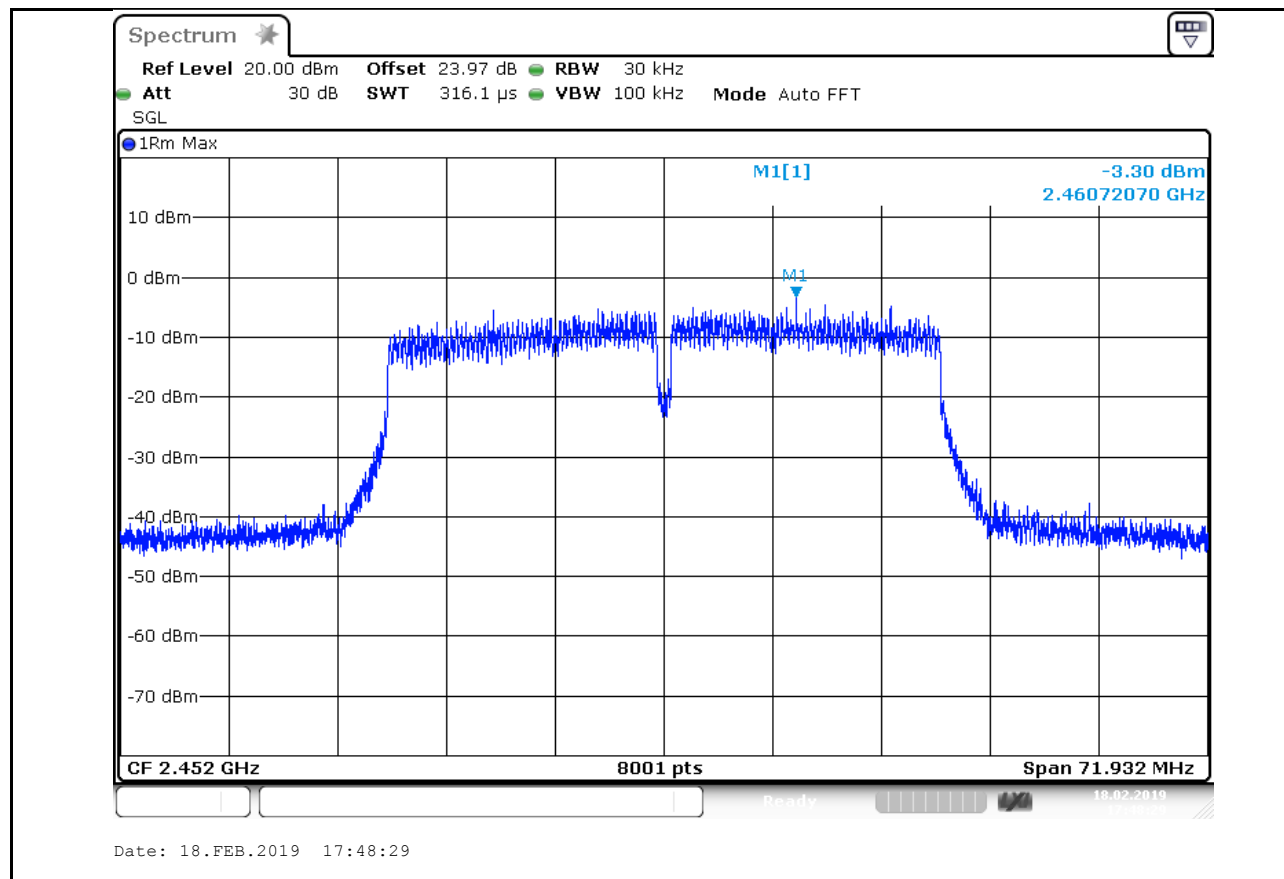
Date: 18.FEB.2019 17:40:12

Maximum(average) power spectral density\_11N40SISO\_2437



Date: 18.FEB.2019 17:44:28

Maximum(average) power spectral density\_11N40SISO\_2452

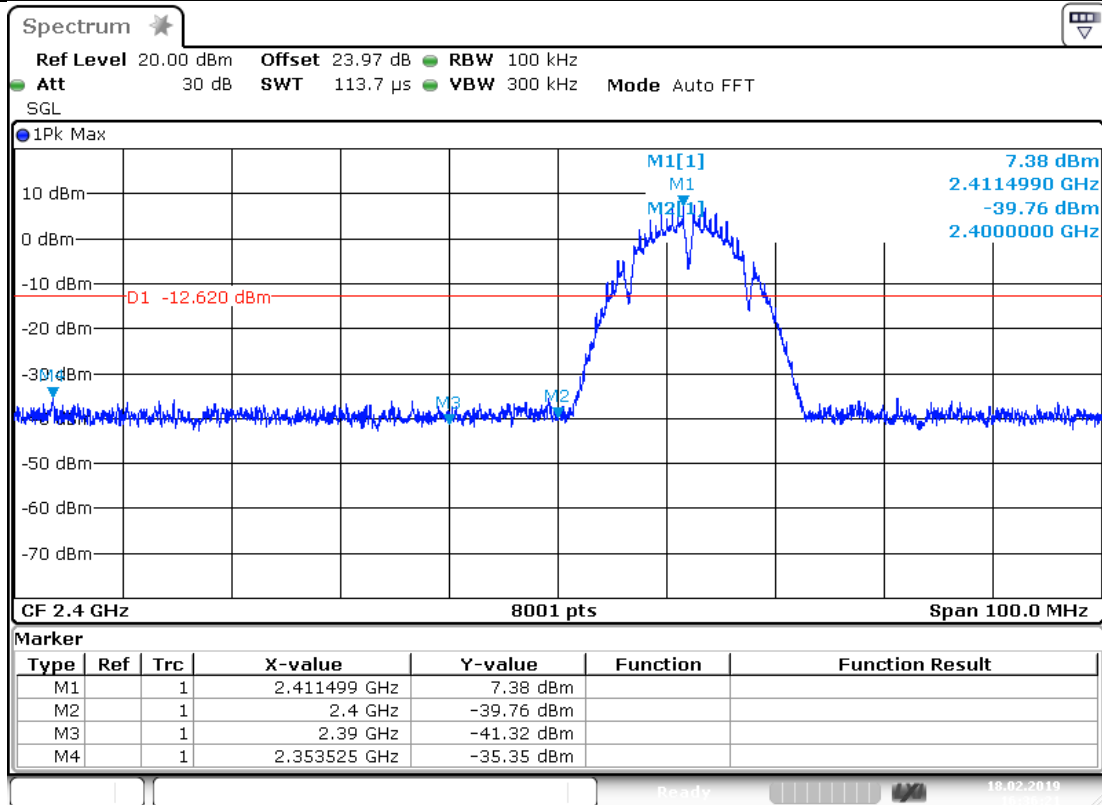


## 5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	7.380	-35.345	-12.62	PASS
11B	2462	5.480	-35.323	-14.52	PASS
11G	2412	4.460	-36.568	-15.54	PASS
11G	2462	4.140	-34.373	-15.86	PASS
11N20SISO	2412	3.740	-35.444	-16.26	PASS
11N20SISO	2462	4.800	-36.085	-15.2	PASS
11N40SISO	2422	-1.840	-34.999	-21.84	PASS
11N40SISO	2452	1.360	-35.197	-18.64	PASS

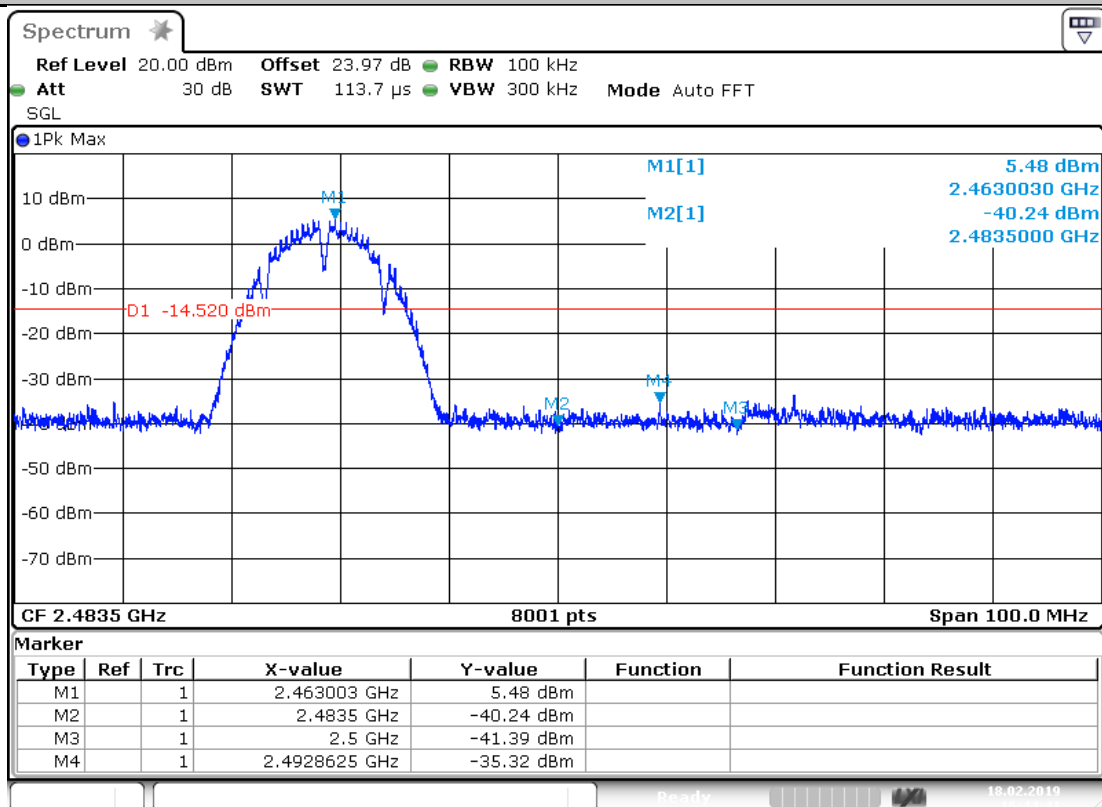
## TEST PLOT

### Band-edge for RF Conducted Emissions\_11B\_2412\_Hopping Off



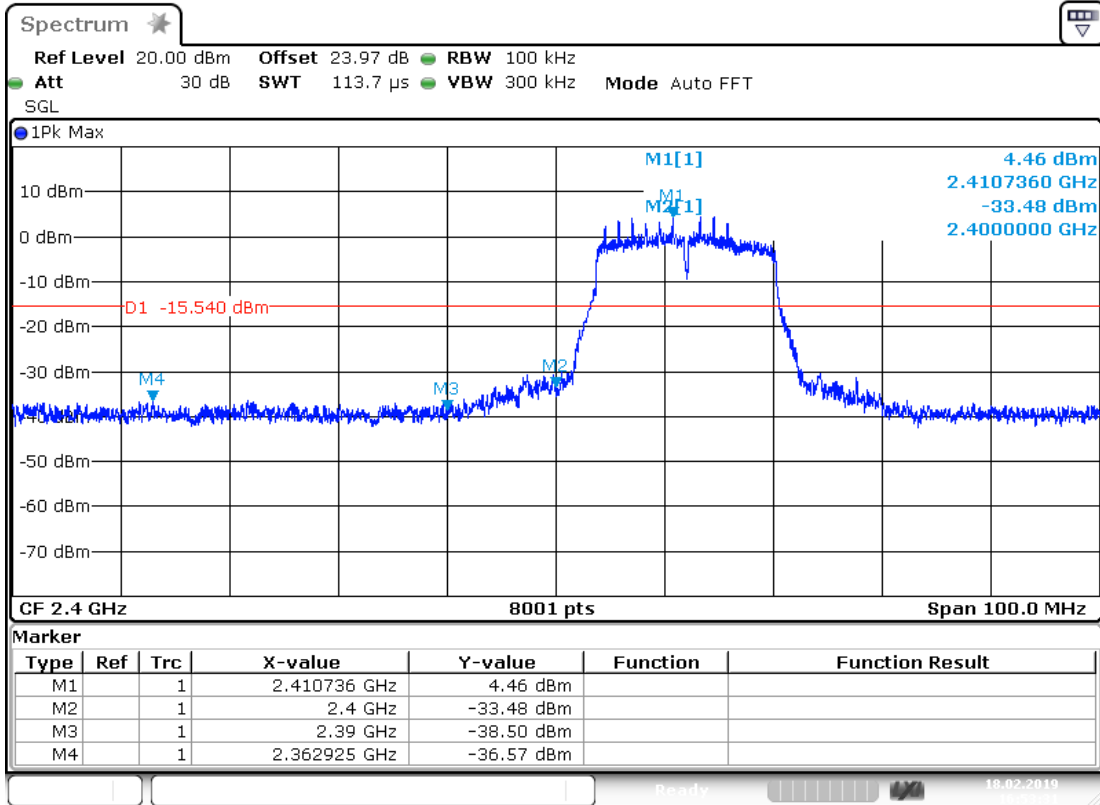
Date: 18.FEB.2019 16:36:21

### Band-edge for RF Conducted Emissions\_11B\_2462\_Hopping Off



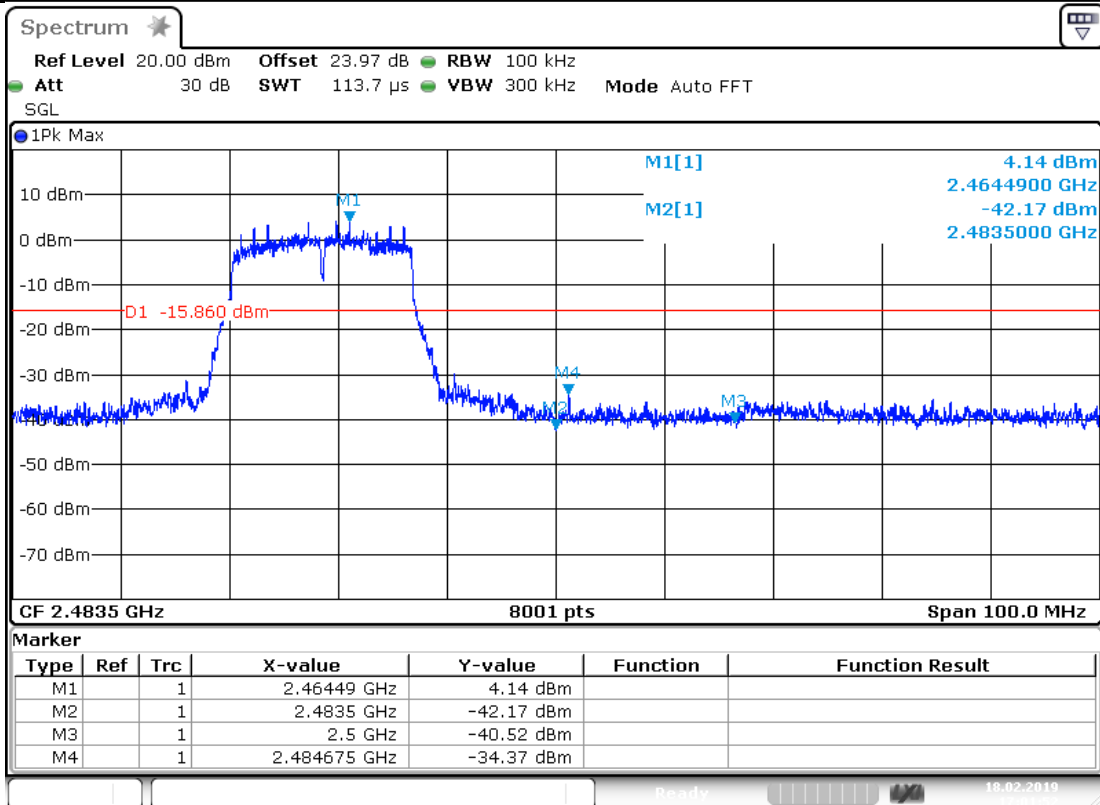
Date: 18.FEB.2019 16:44:40

## Band-edge for RF Conducted Emissions\_11G\_2412\_Hopping Off



Date: 18.FEB.2019 16:53:31

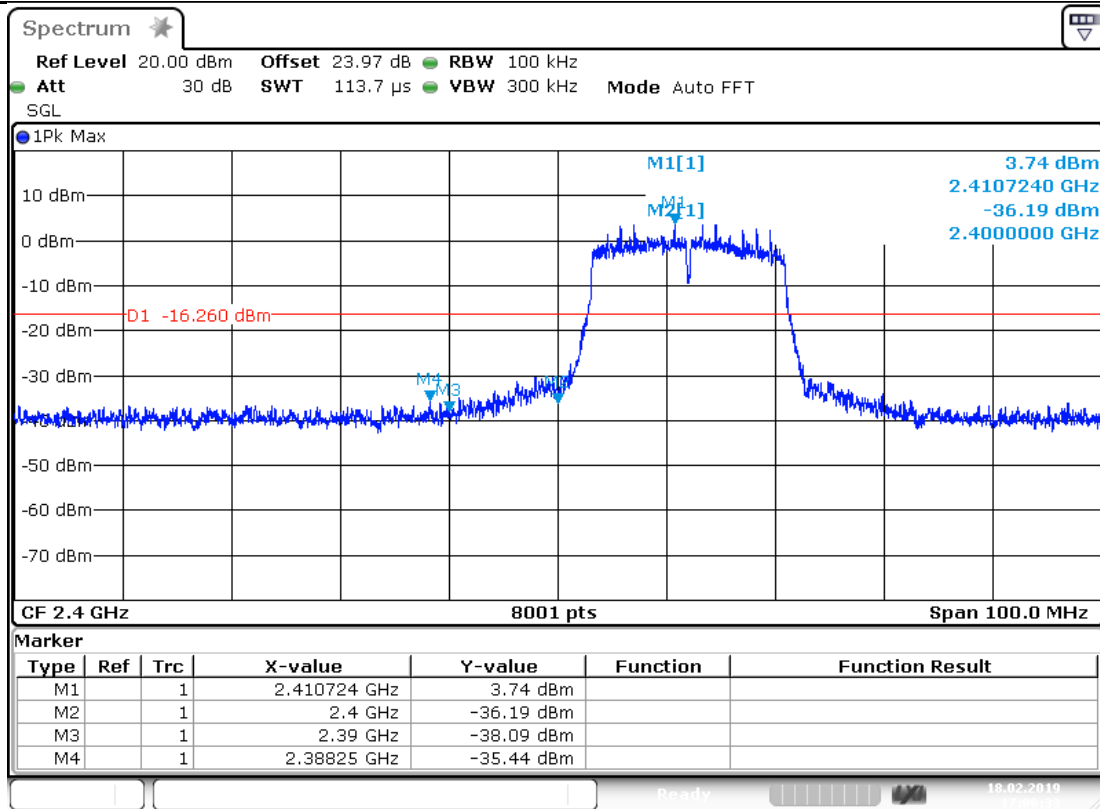
## Band-edge for RF Conducted Emissions\_11G\_2462\_Hopping Off



Date: 18.FEB.2019 17:01:52

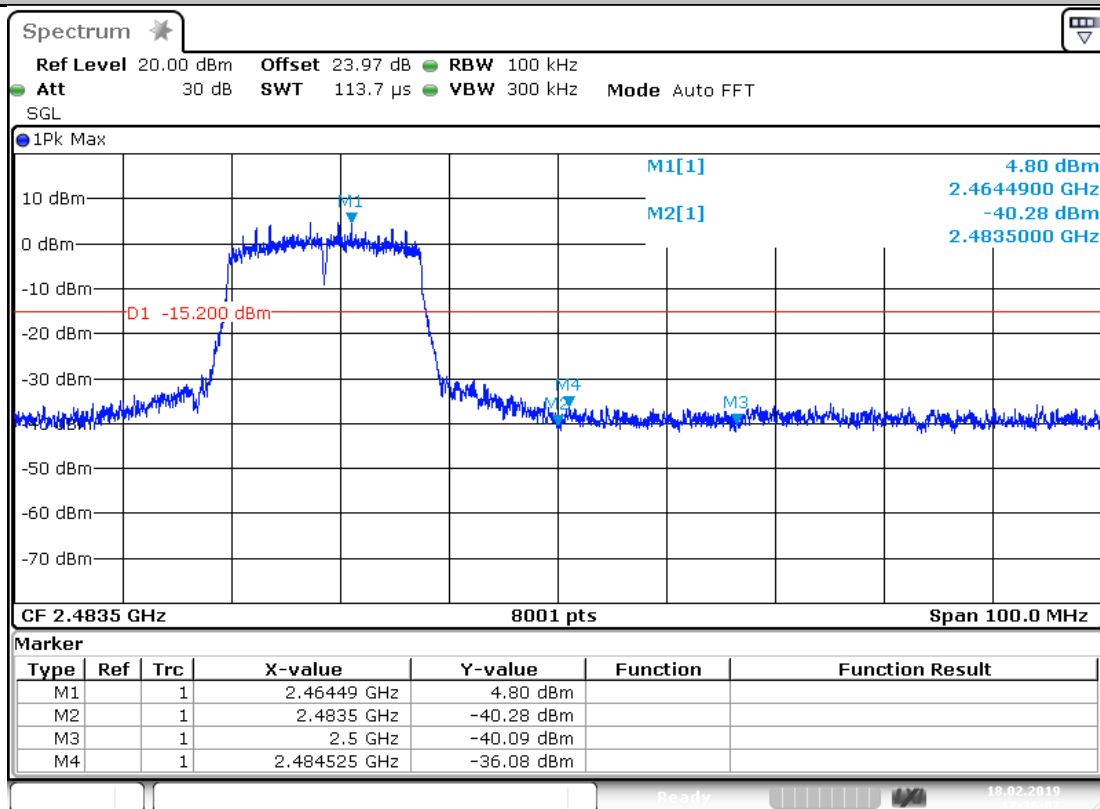
## Band-edge for RF Conducted Emissions\_11N20SISO\_2412\_Hopping Off





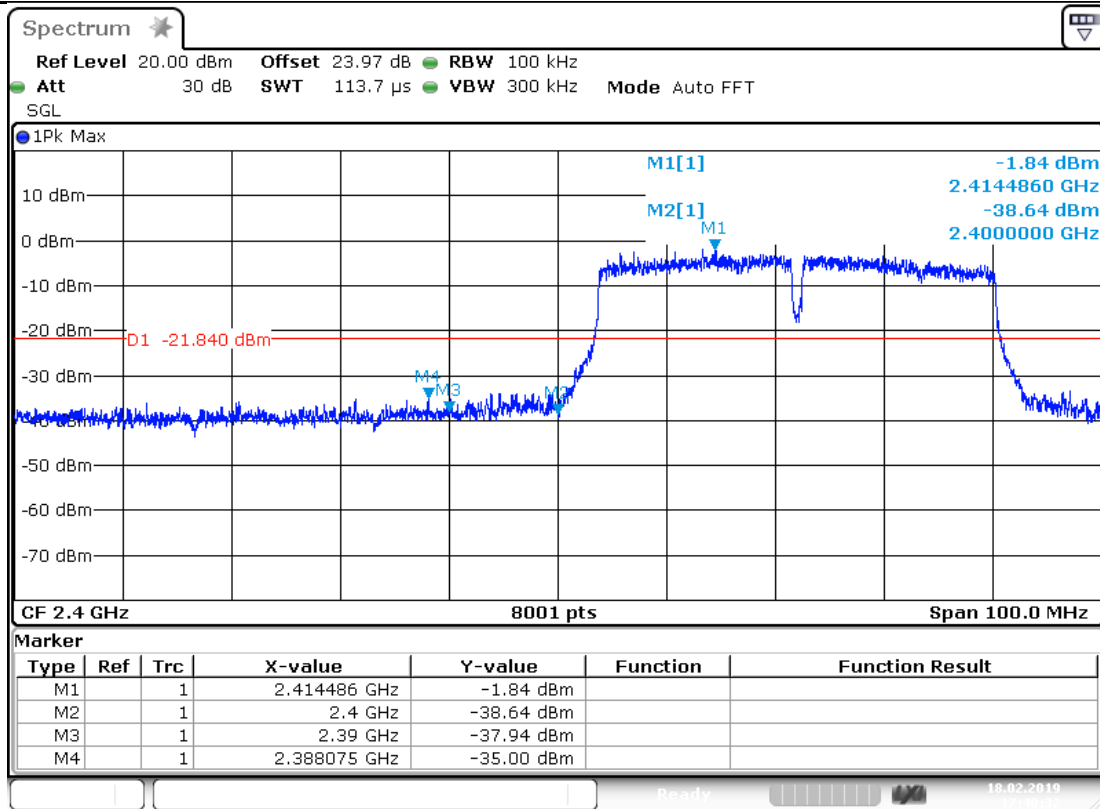
Date: 18.FEB.2019 17:06:33

## Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Hopping Off



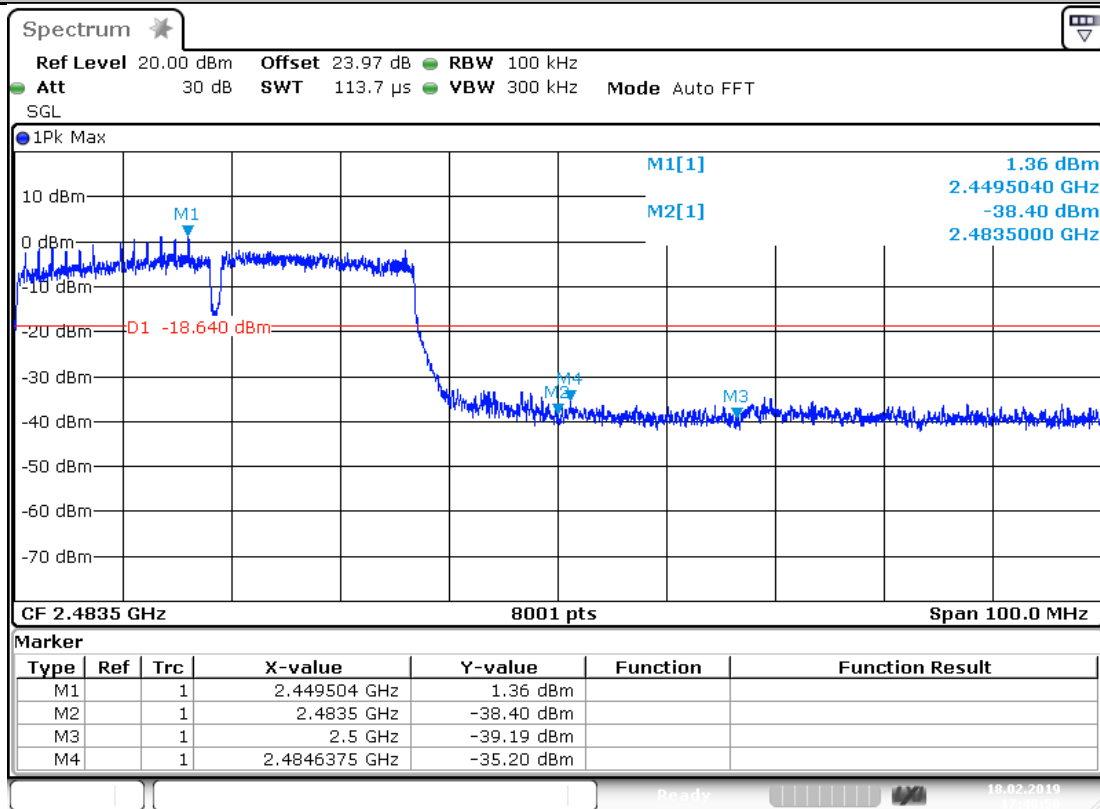
Date: 18.FEB.2019 17:36:06

## Band-edge for RF Conducted Emissions\_11N40SISO\_2422\_Hopping Off



Date: 18.FEB.2019 17:40:32

## Band-edge for RF Conducted Emissions\_11N40SISO\_2452\_Hopping Off



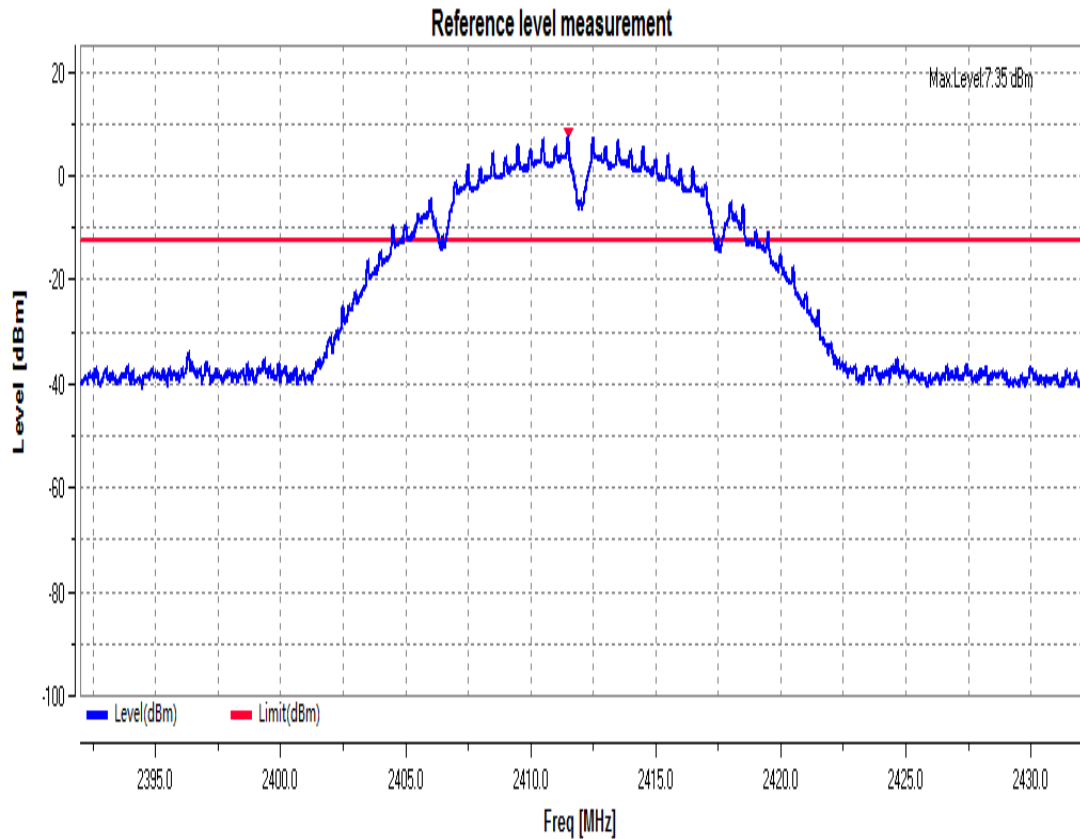
Date: 18.FEB.2019 17:48:49

## 6.RF Conducted Spurious Emissions

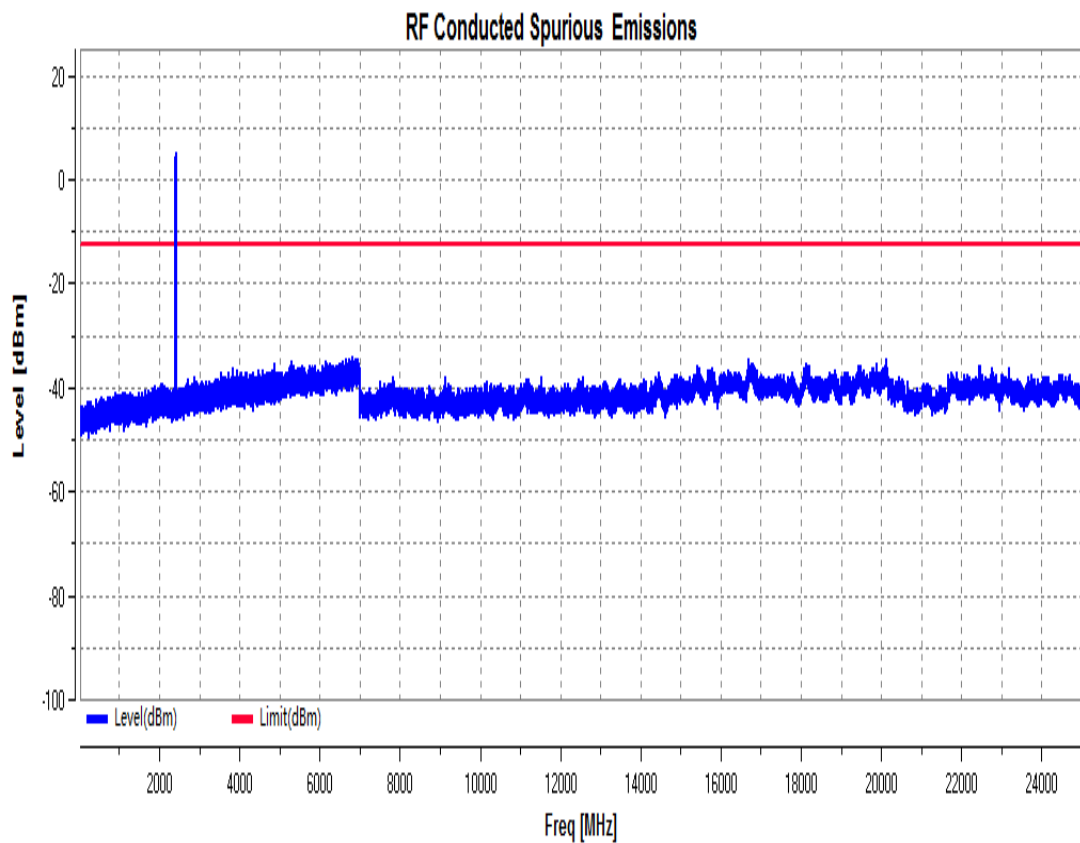
## TEST PLOT

### RF Conducted Spurious Emissions\_11B\_2412

Pref

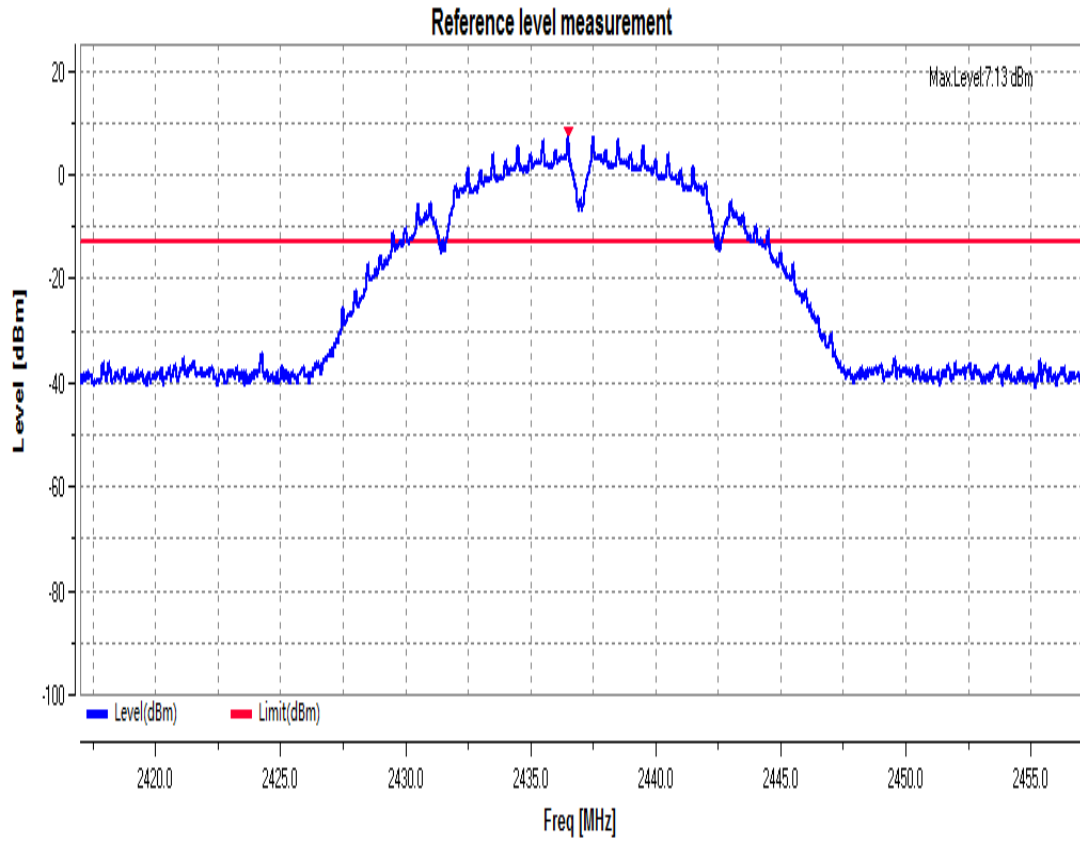


CSE\_1

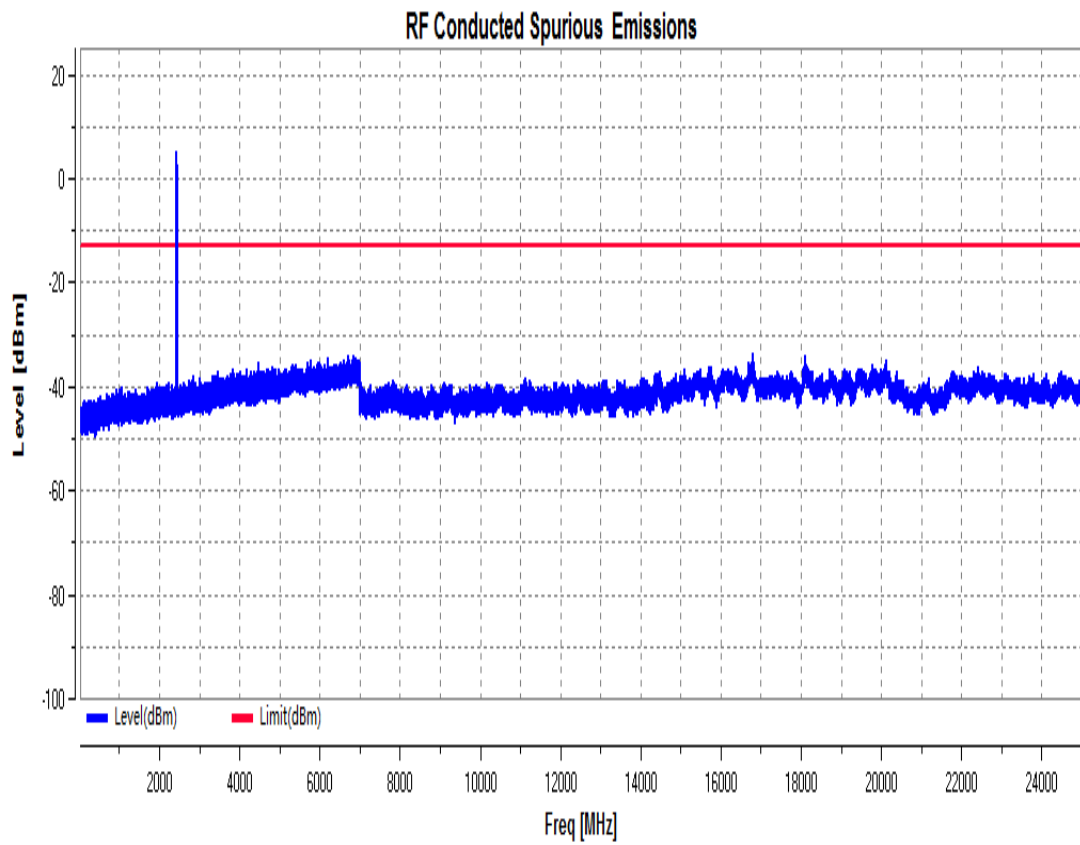


### RF Conducted Spurious Emissions\_11B\_2437

Pref

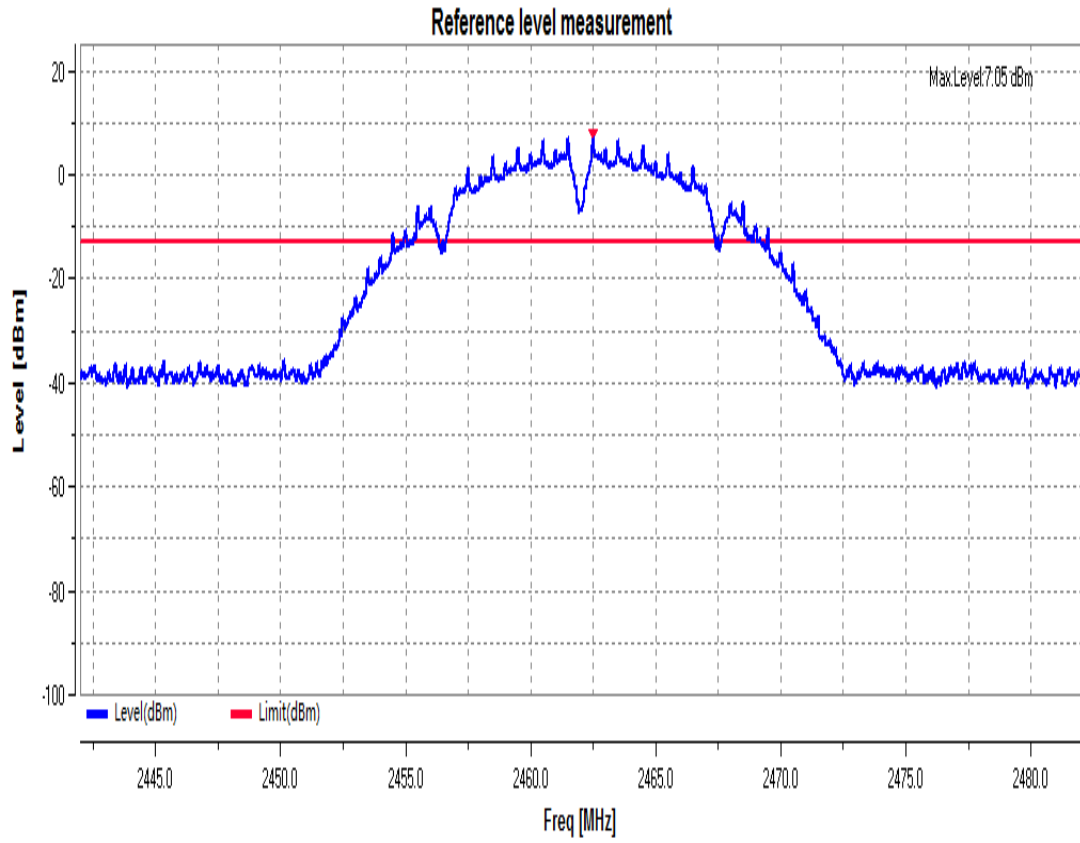


CSE\_1

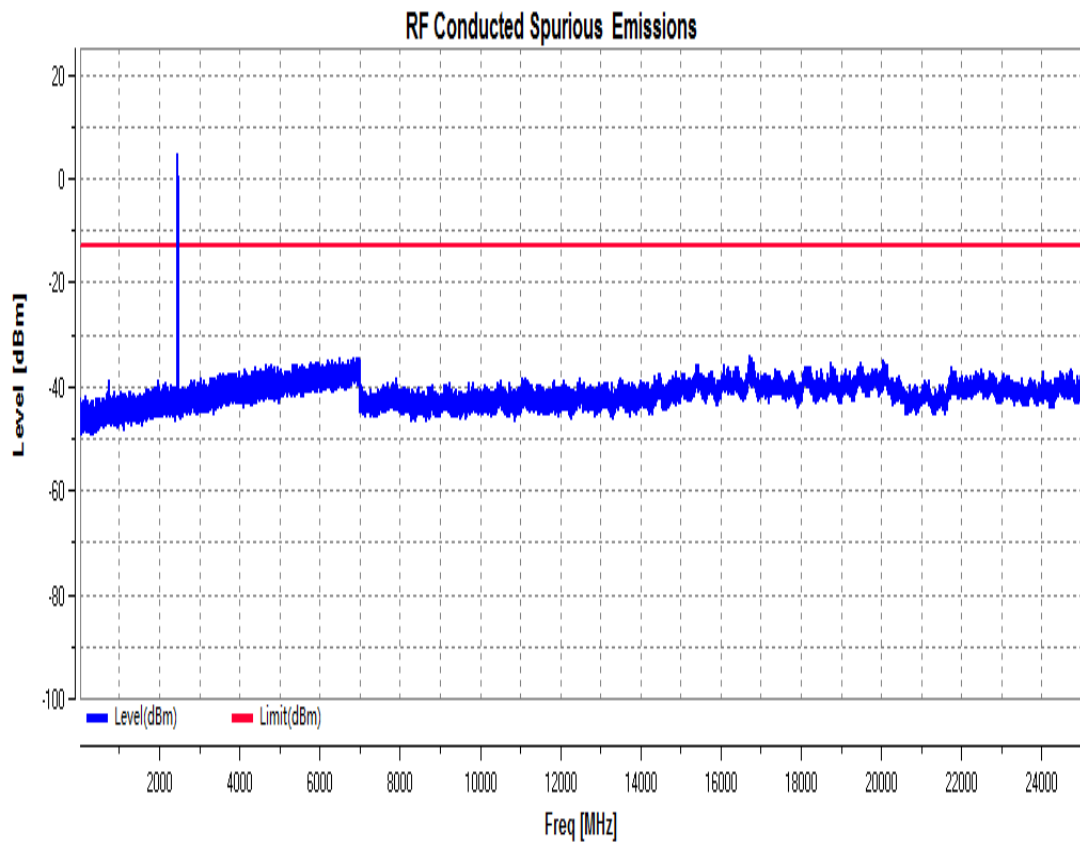


RF Conducted Spurious Emissions\_11B\_2462

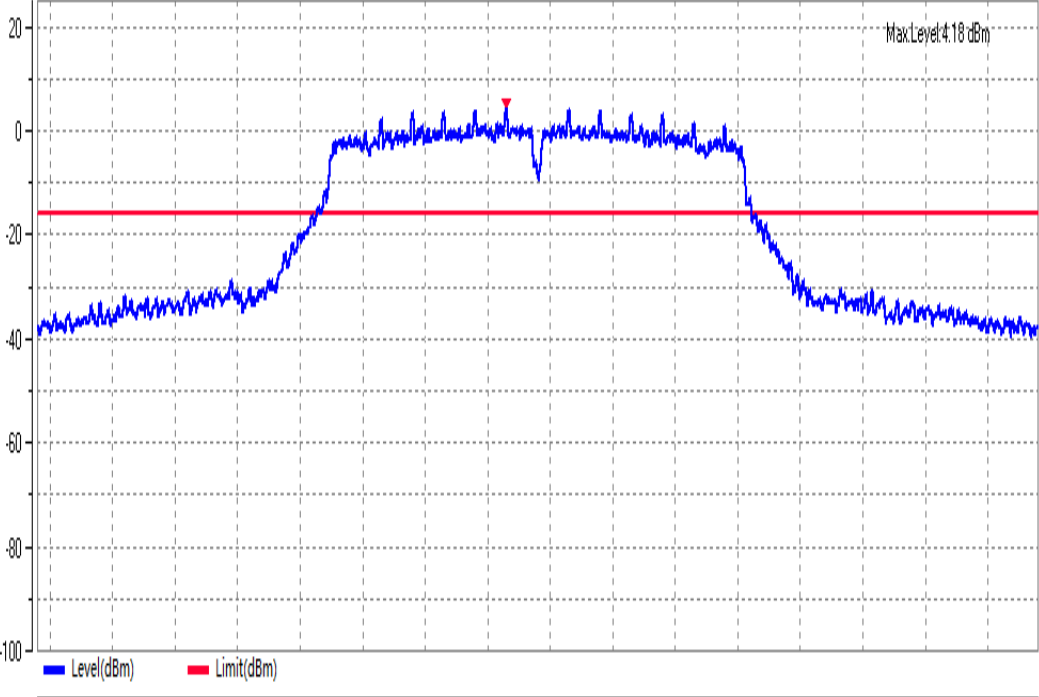
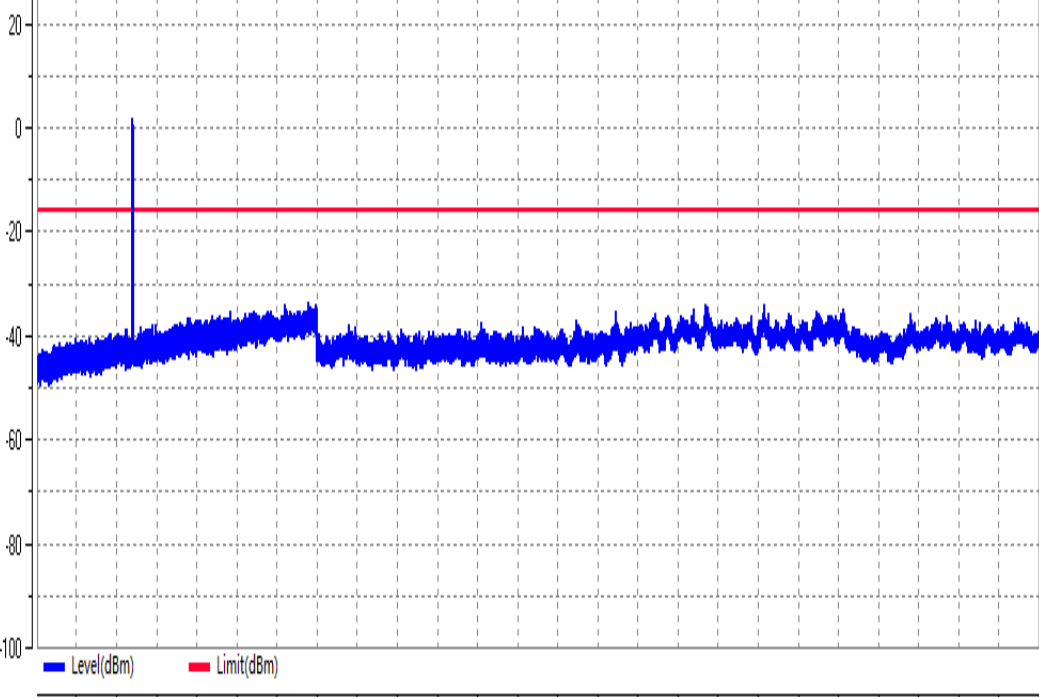
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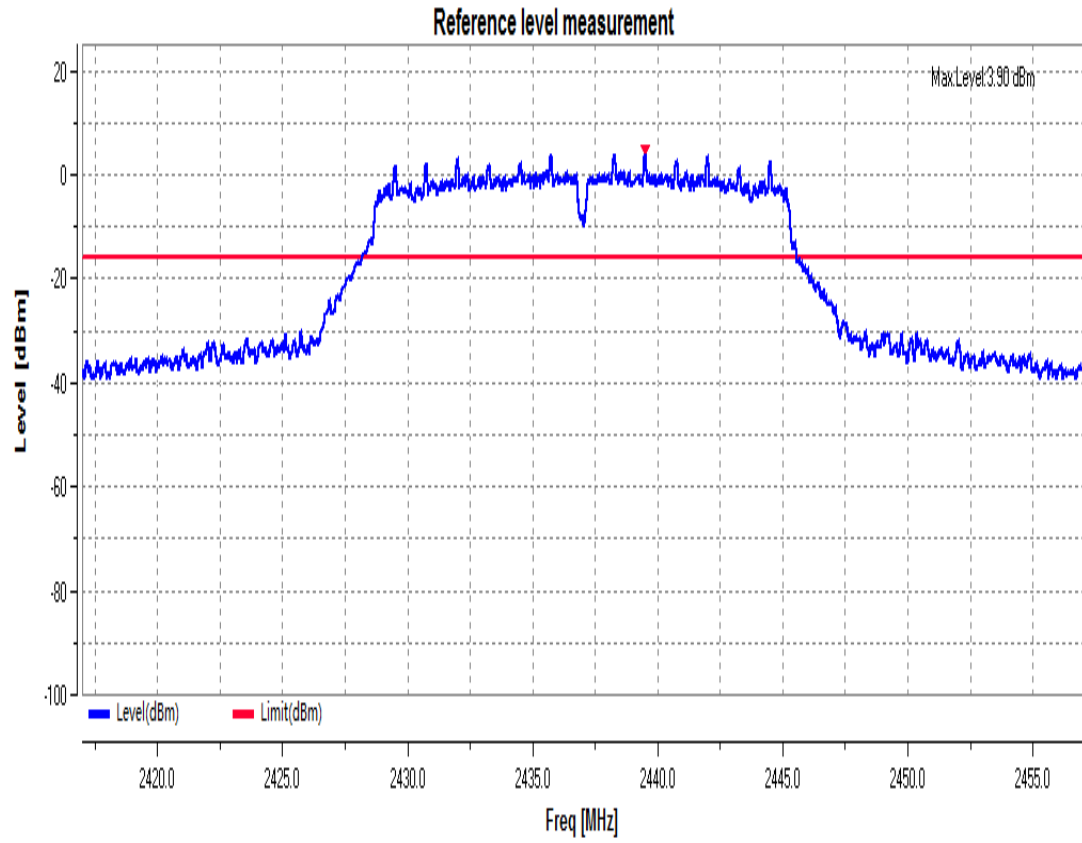
CSE\_1



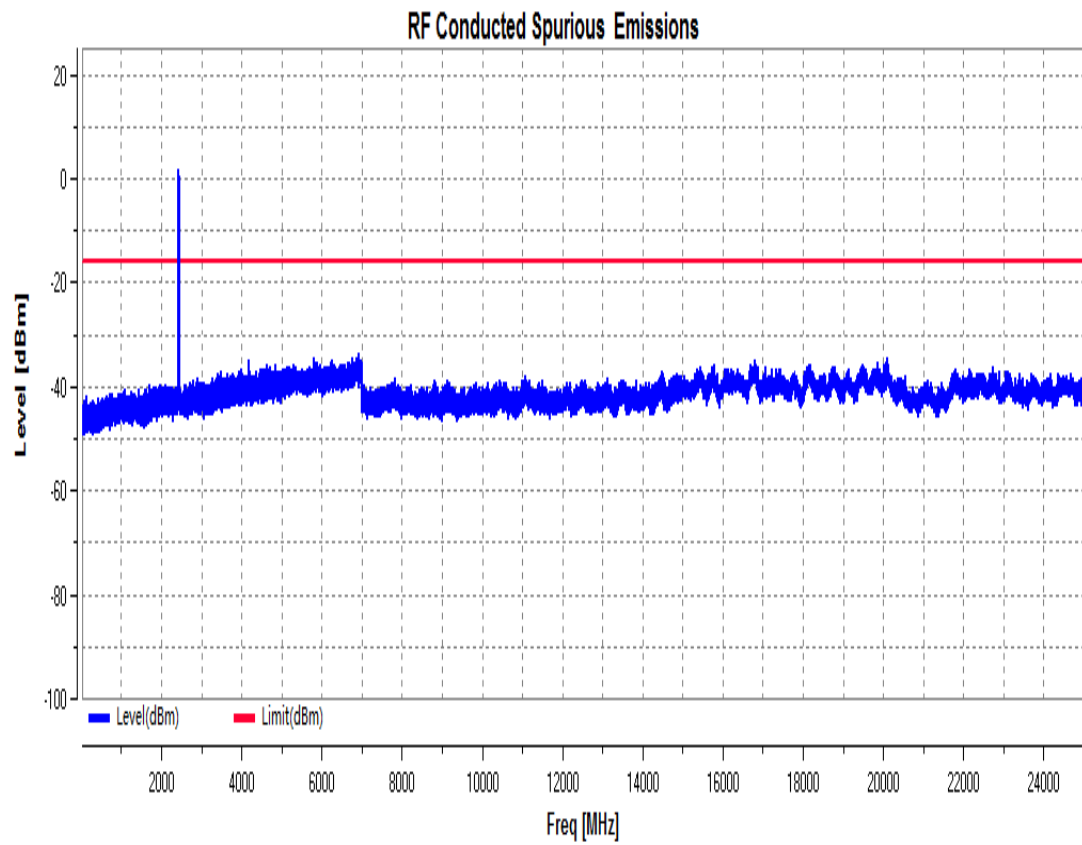
RF Conducted Spurious Emissions\_11G\_2412

<p>Pref</p>	<div data-bbox="357 168 1433 1008"><p>Reference level measurement</p><p>Max Level: 4.18 dBm</p><p>Level [dBm]</p><p>Freq [MHz]</p><p>Level(dBm) Limit(dBm)</p></div>
<p>CSE_1</p>	<div data-bbox="357 1052 1433 1892"><p>RF Conducted Spurious Emissions</p><p>Level [dBm]</p><p>Freq [MHz]</p><p>Level(dBm) Limit(dBm)</p></div>
<p>RF Conducted Spurious Emissions_11G_2437</p>	

Pref

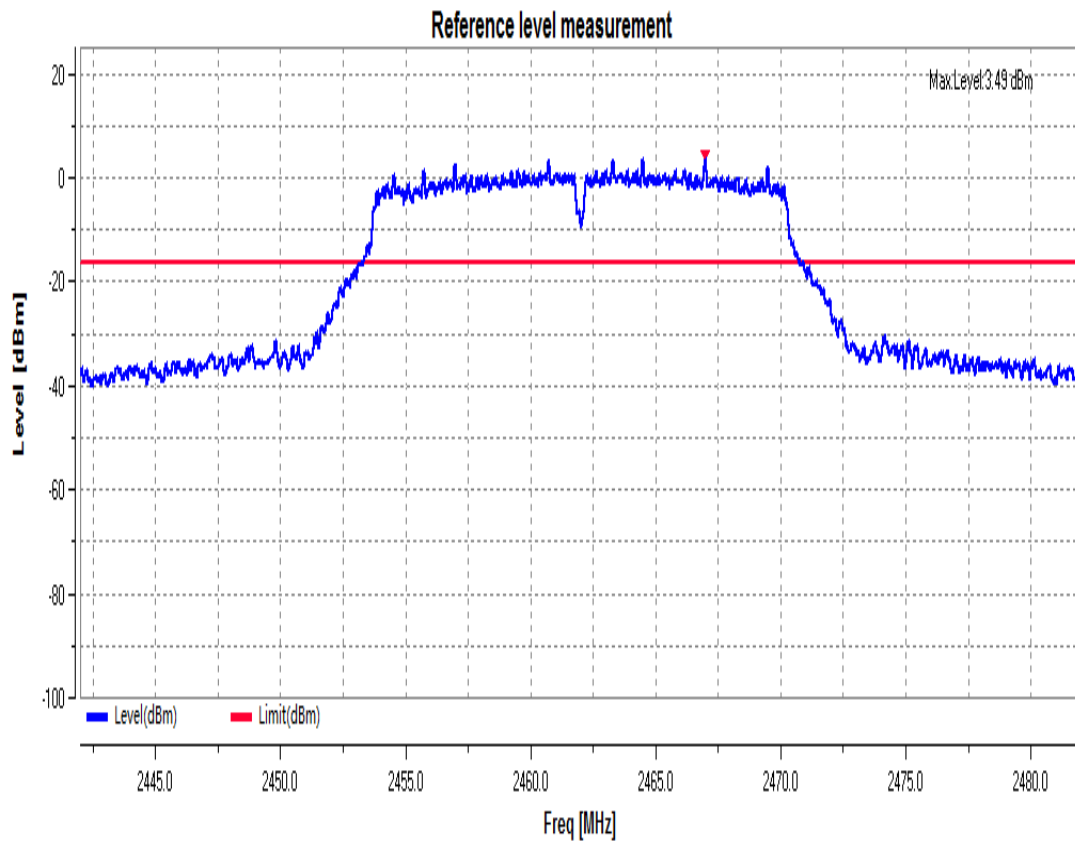


CSE\_1

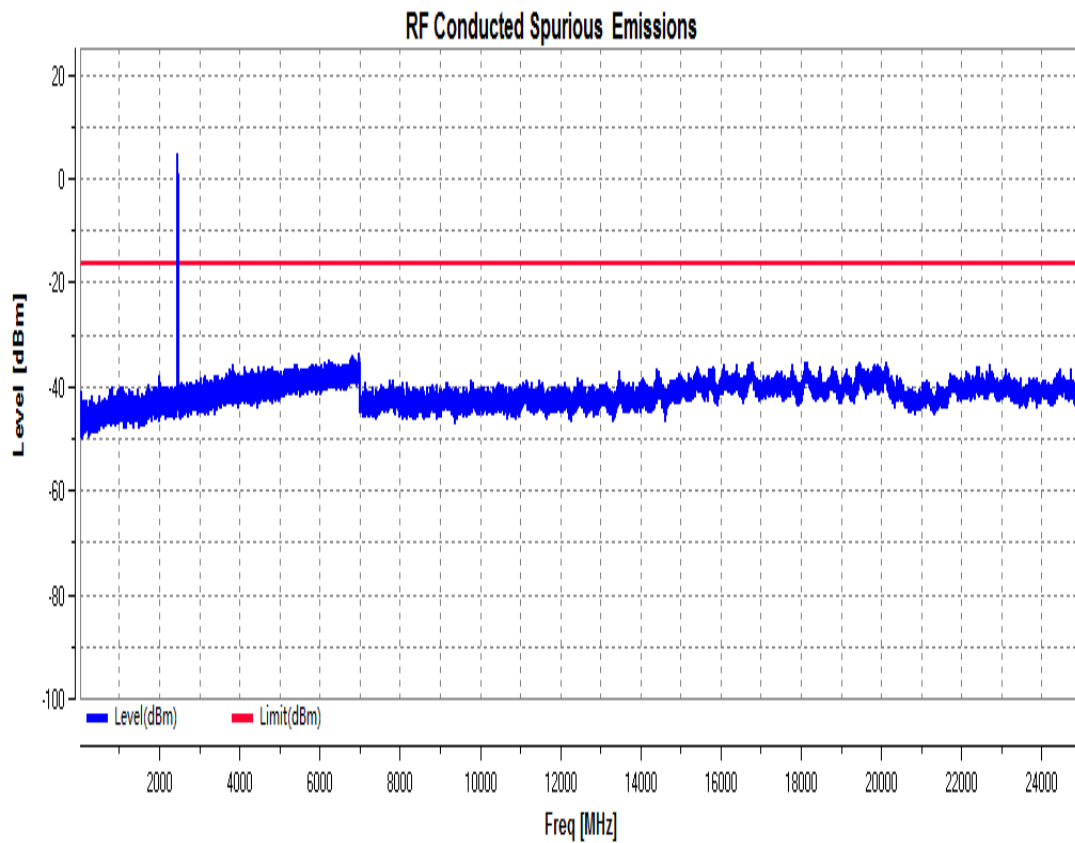


RF Conducted Spurious Emissions\_11G\_2462

Pref



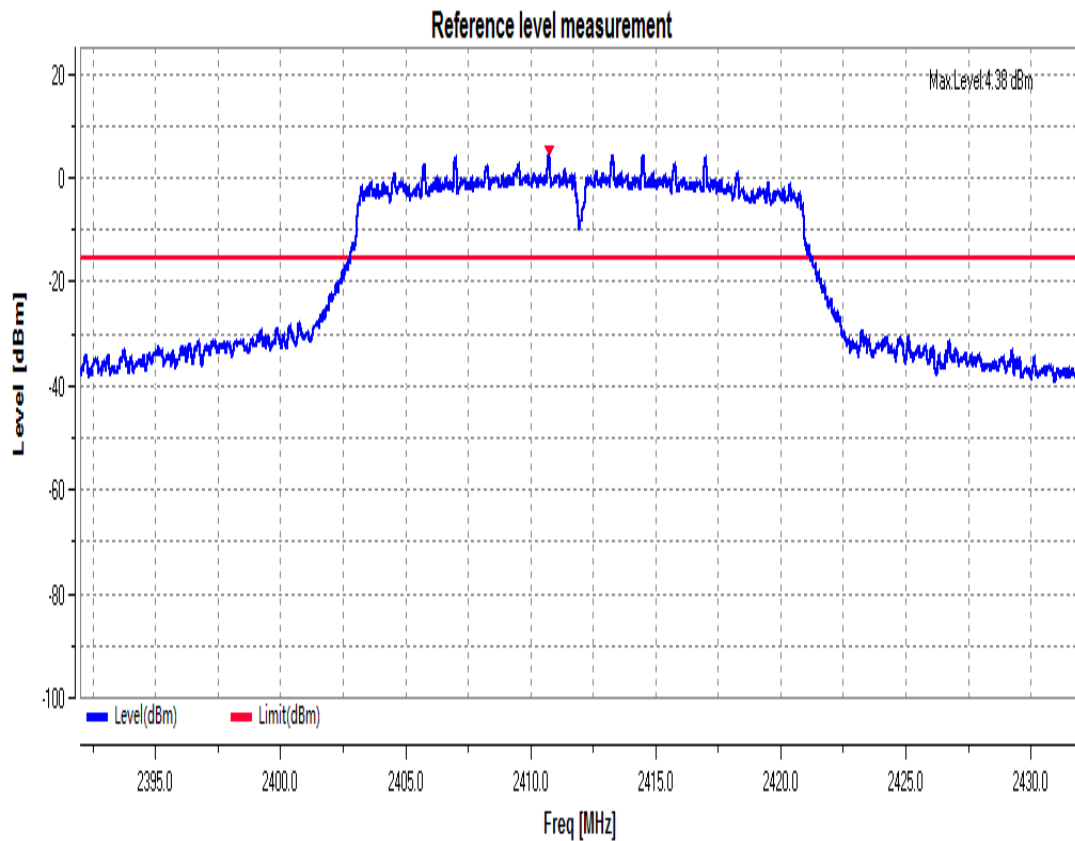
CSE\_1



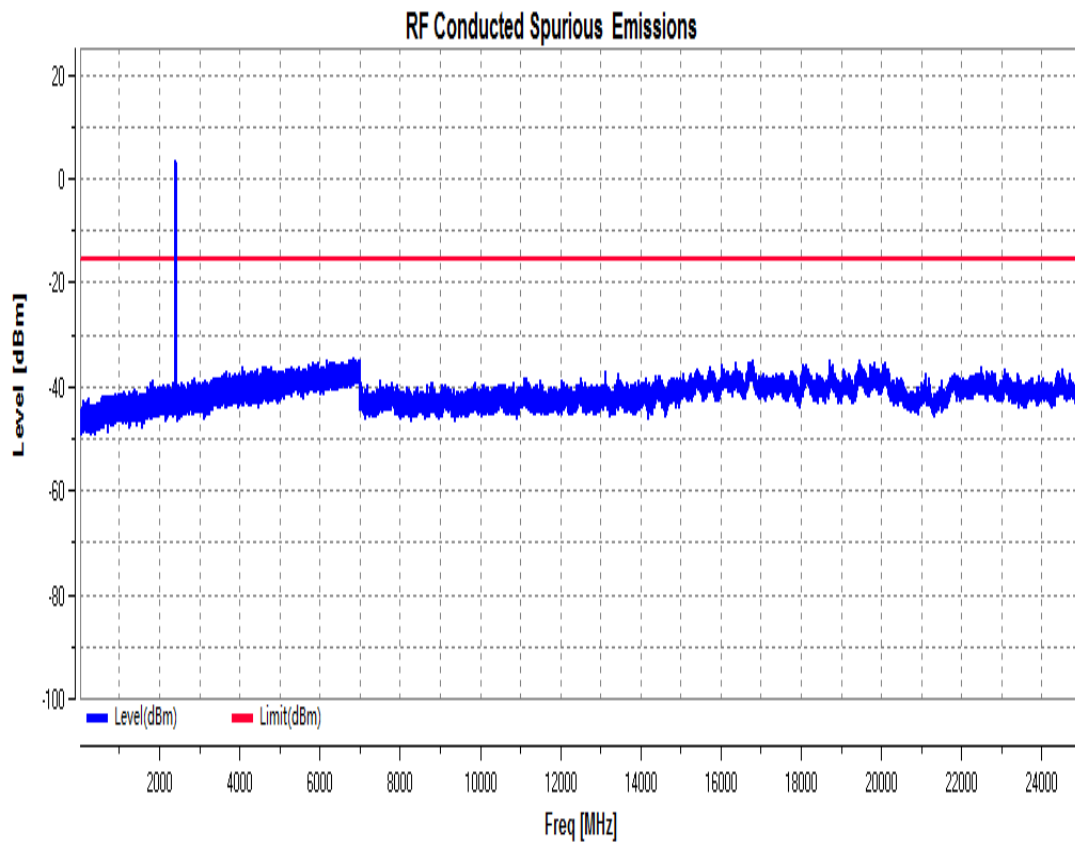
RF Conducted Spurious Emissions\_11N20SISO\_2412



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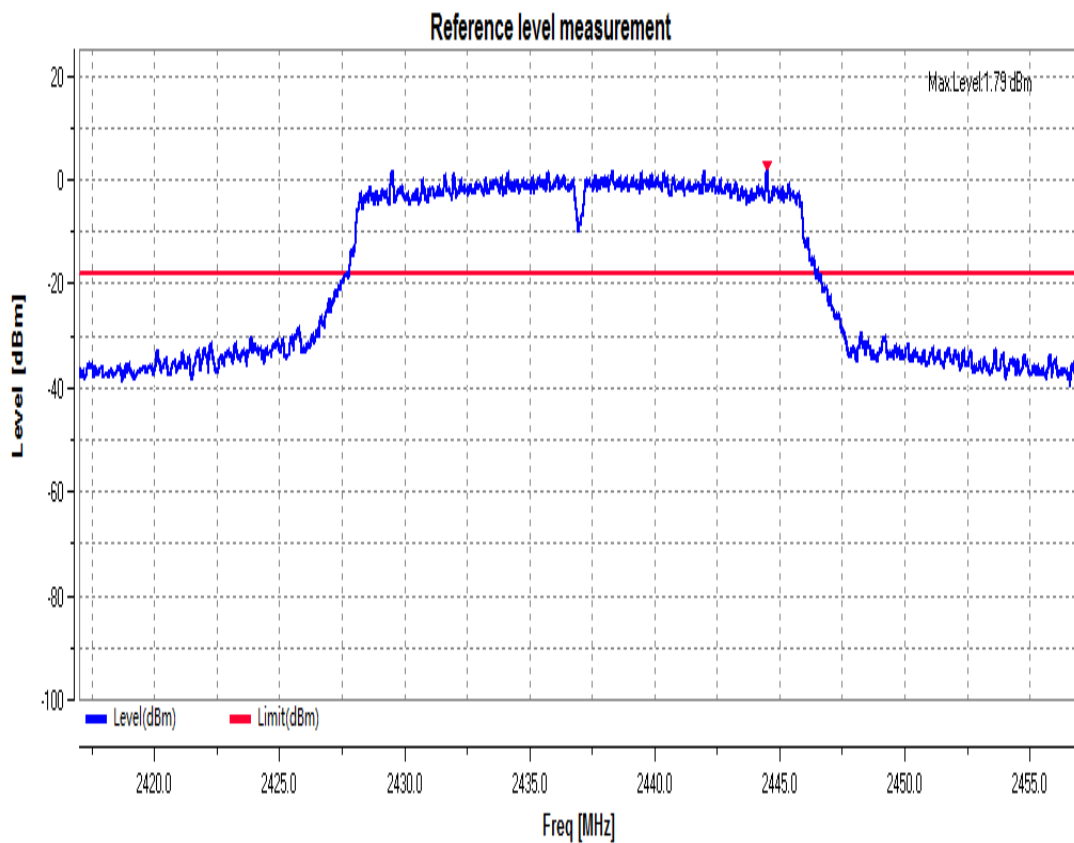


CSE\_1

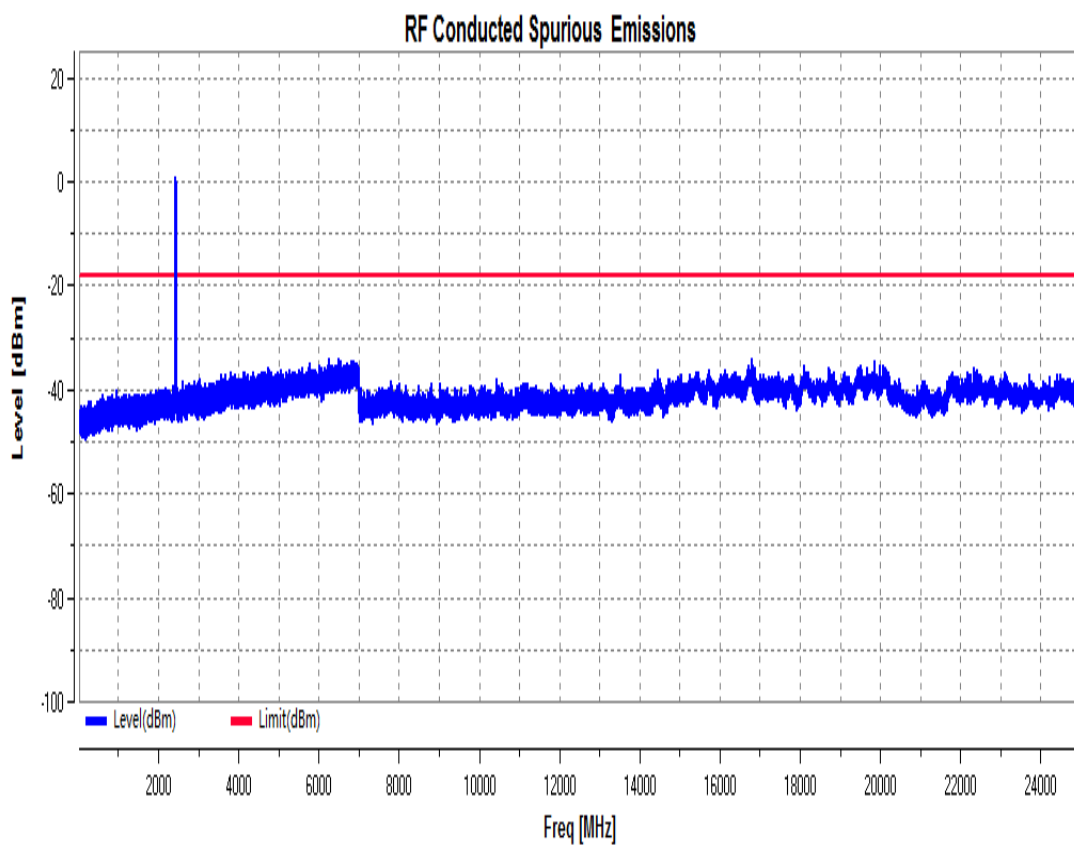


RF Conducted Spurious Emissions\_11N20SISO\_2437

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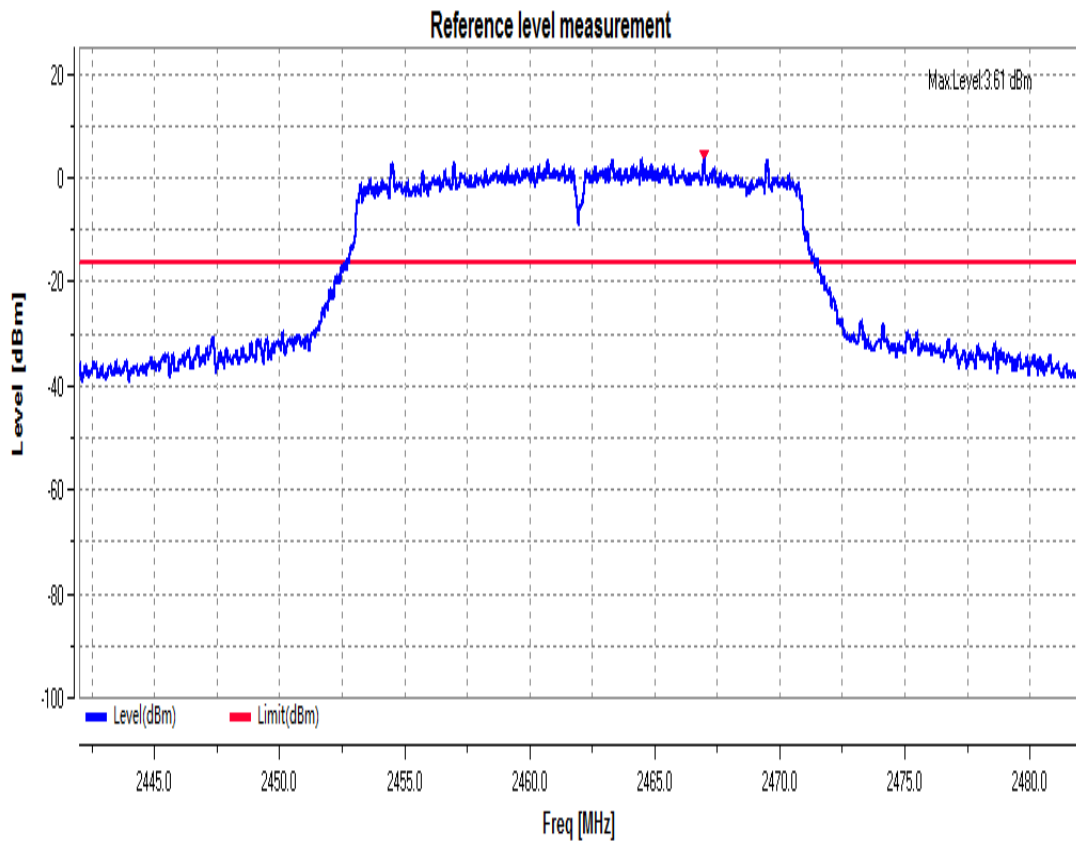


CSE\_1

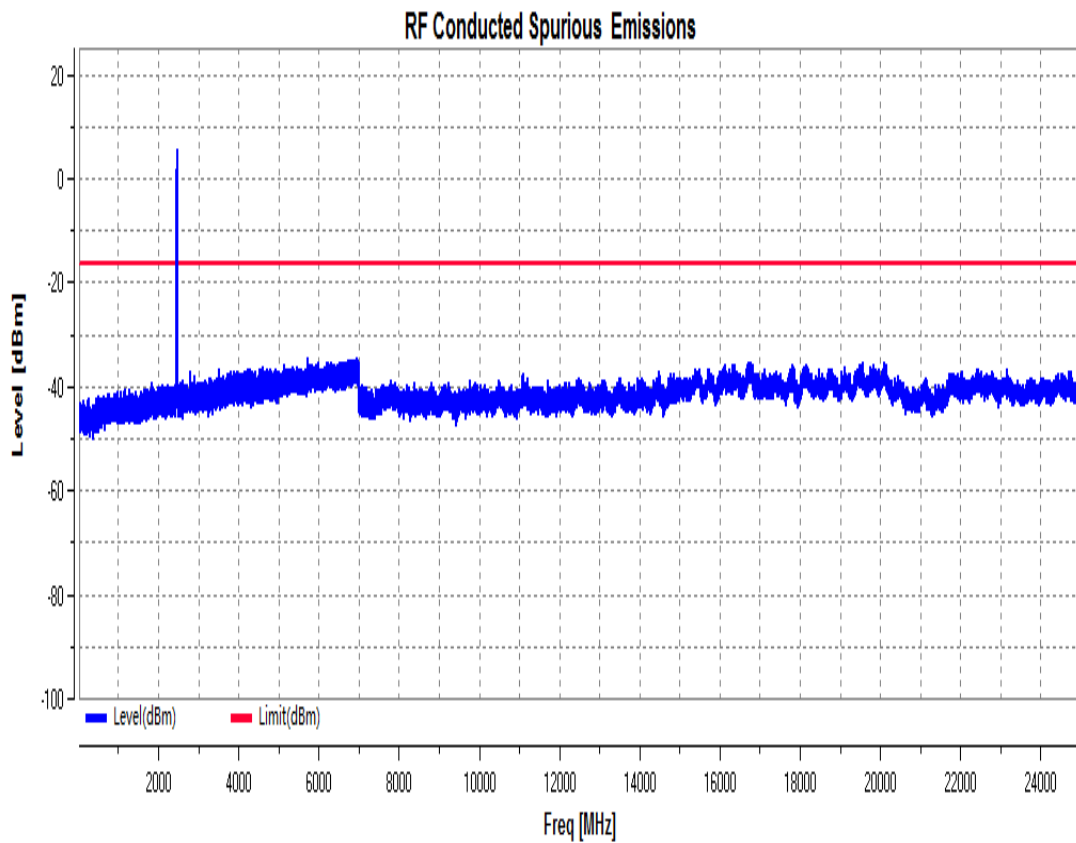


RF Conducted Spurious Emissions\_11N20SISO\_2462

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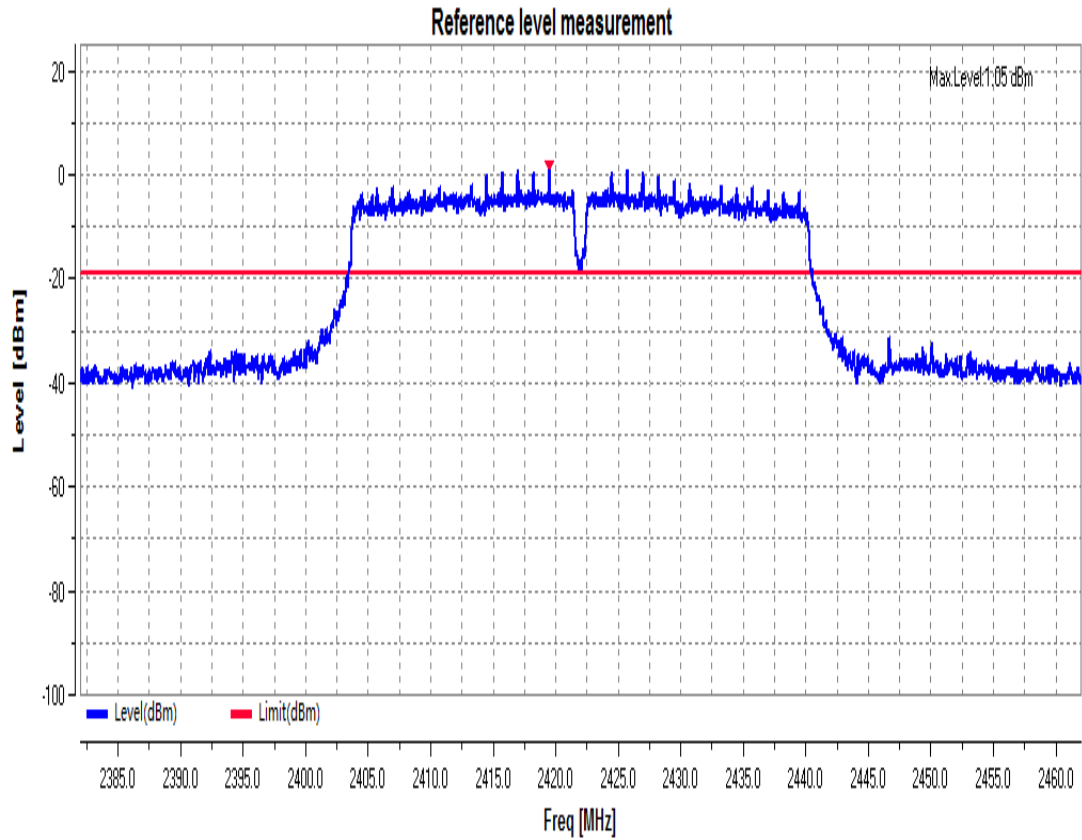


CSE\_1

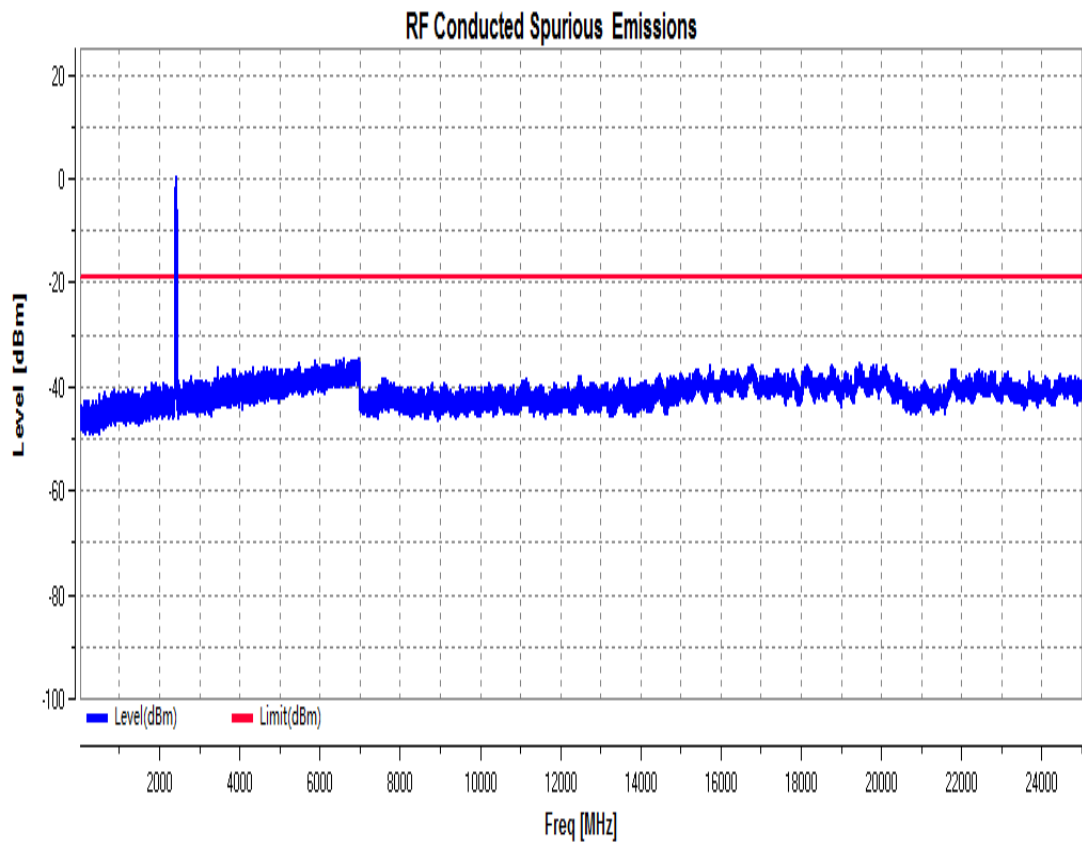


RF Conducted Spurious Emissions\_11N40SISO\_2422

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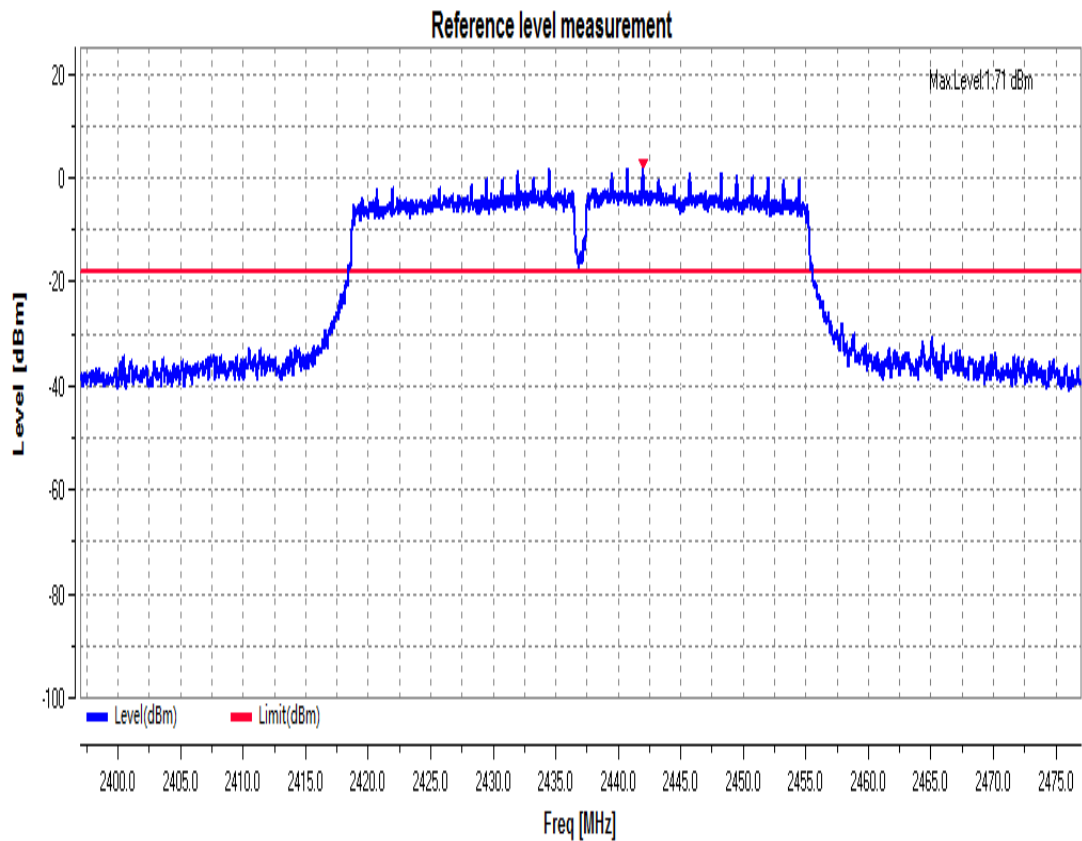


CSE\_1

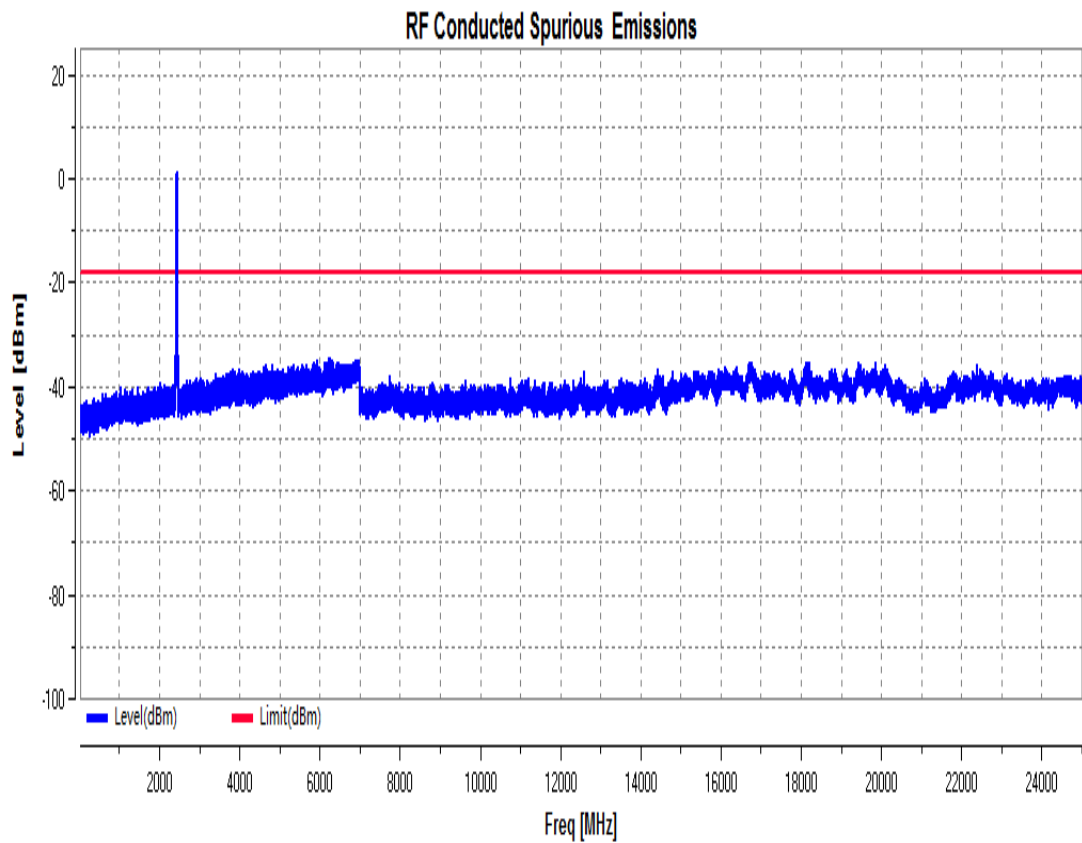


RF Conducted Spurious Emissions\_11N40SISO\_2437

Pref

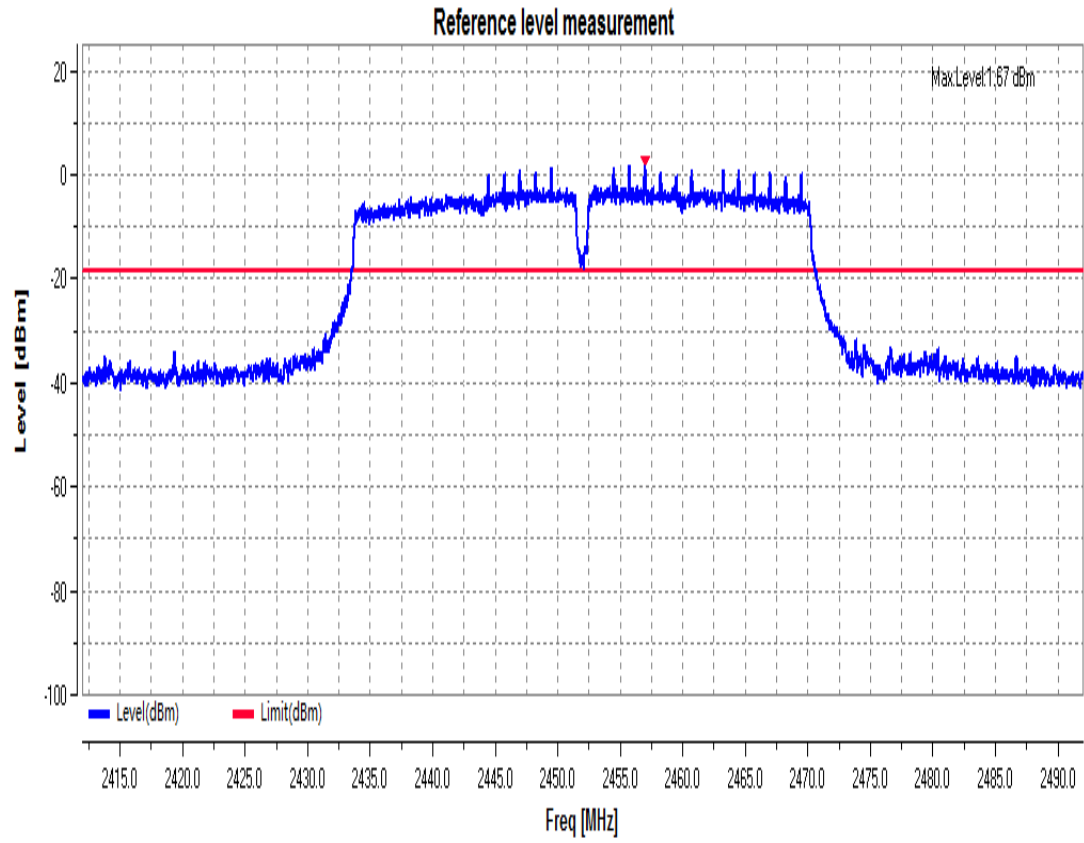


CSE\_1



RF Conducted Spurious Emissions\_11N40SISO\_2452

Pref



CSE\_1

