

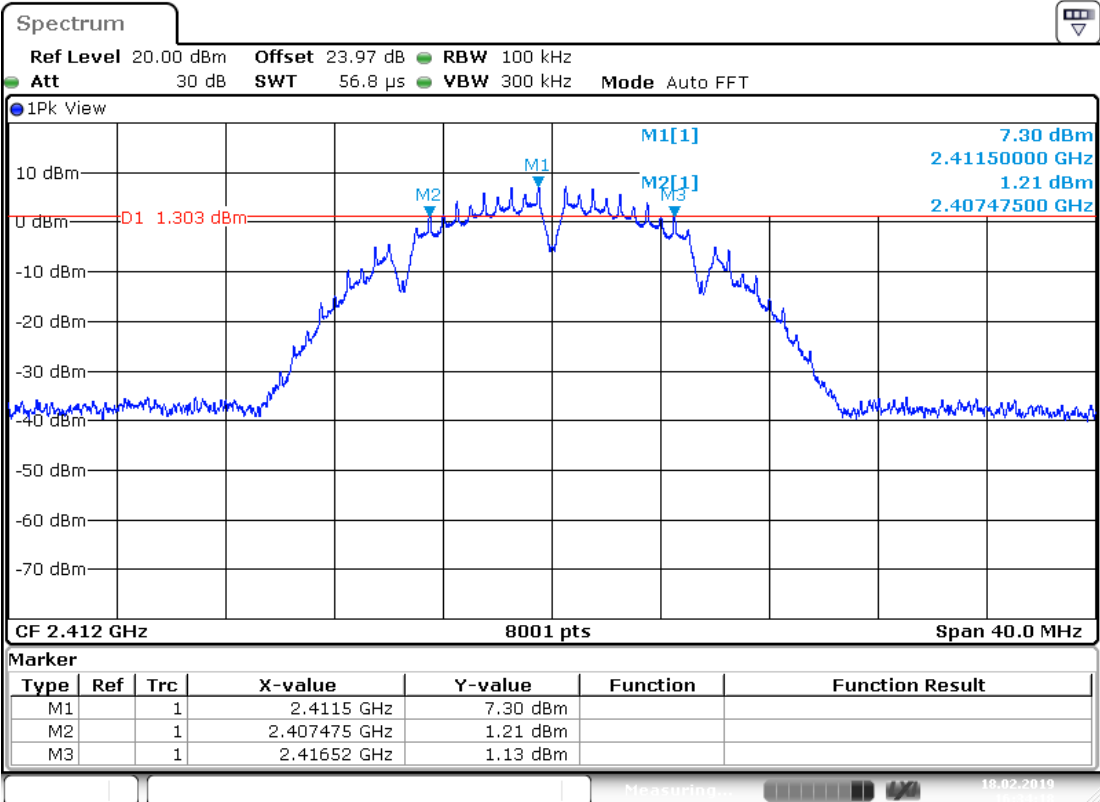
Appendix
FCC ID: PADWF129
IC: 10563A-WF129

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

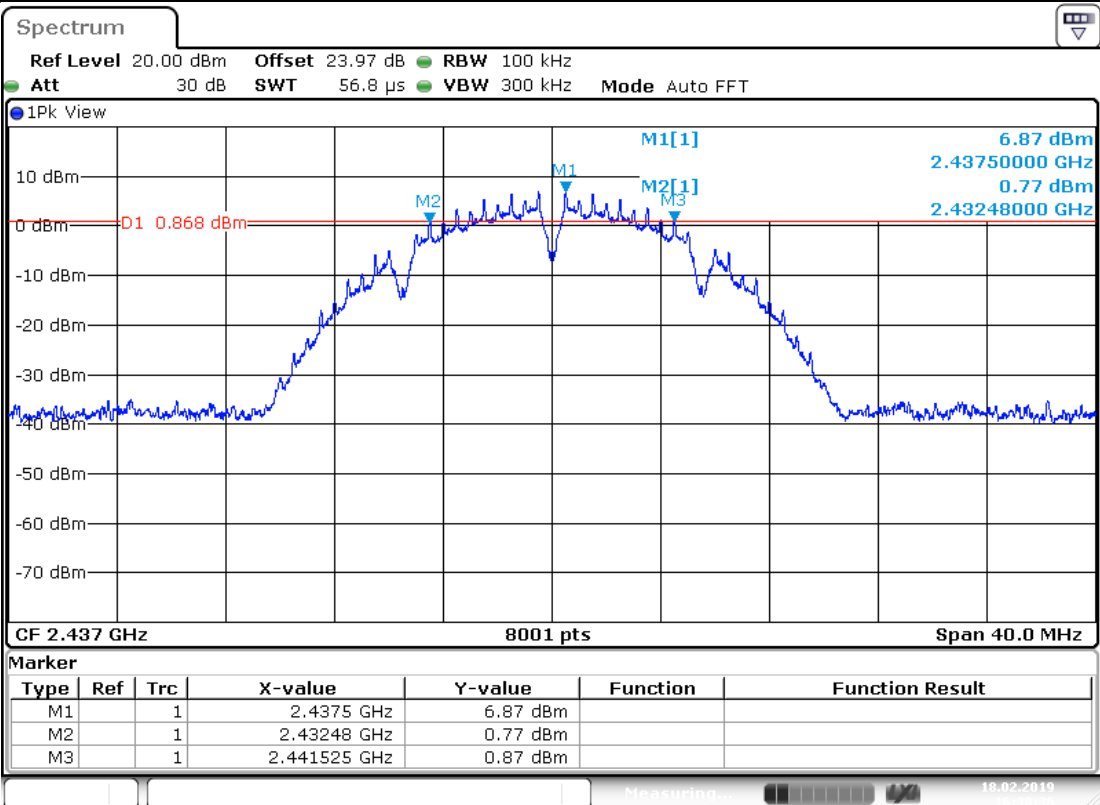
TEST PLOT

6dB Bandwidth_11B_2412



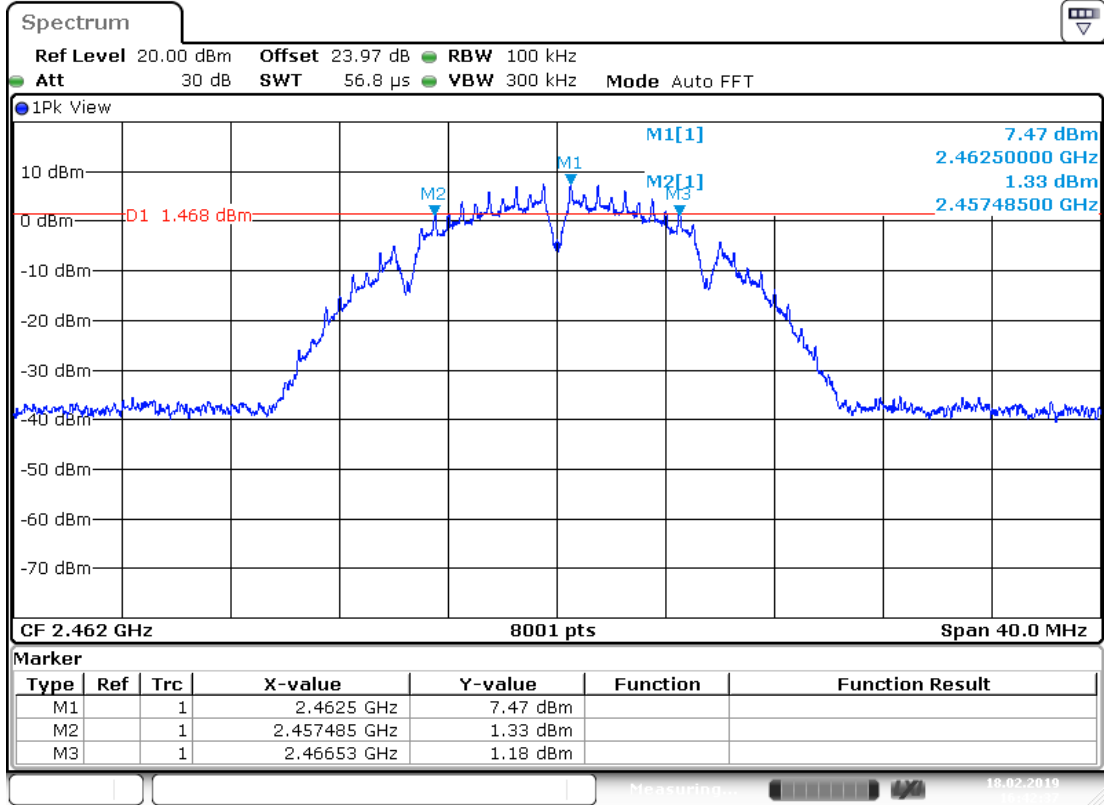
Date: 18.FEB.2019 16:34:18

6dB Bandwidth_11B_2437



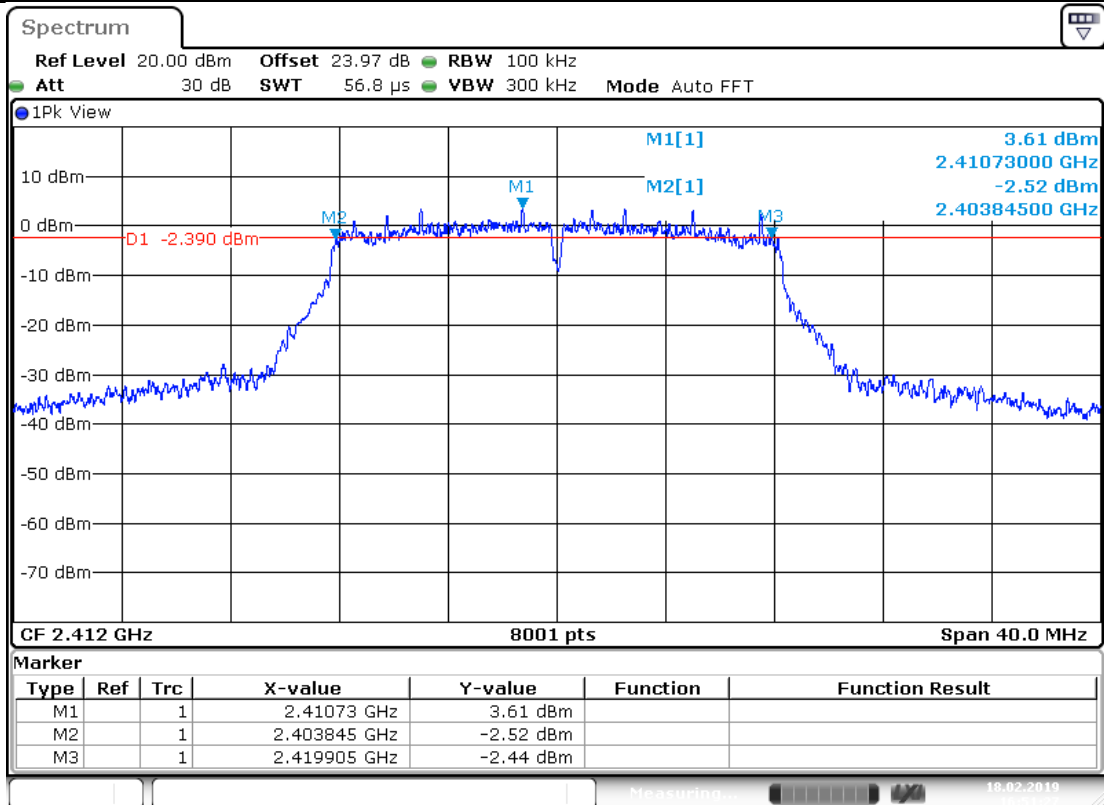
Date: 18.FEB.2019 16:38:36

6dB Bandwidth_11B_2462



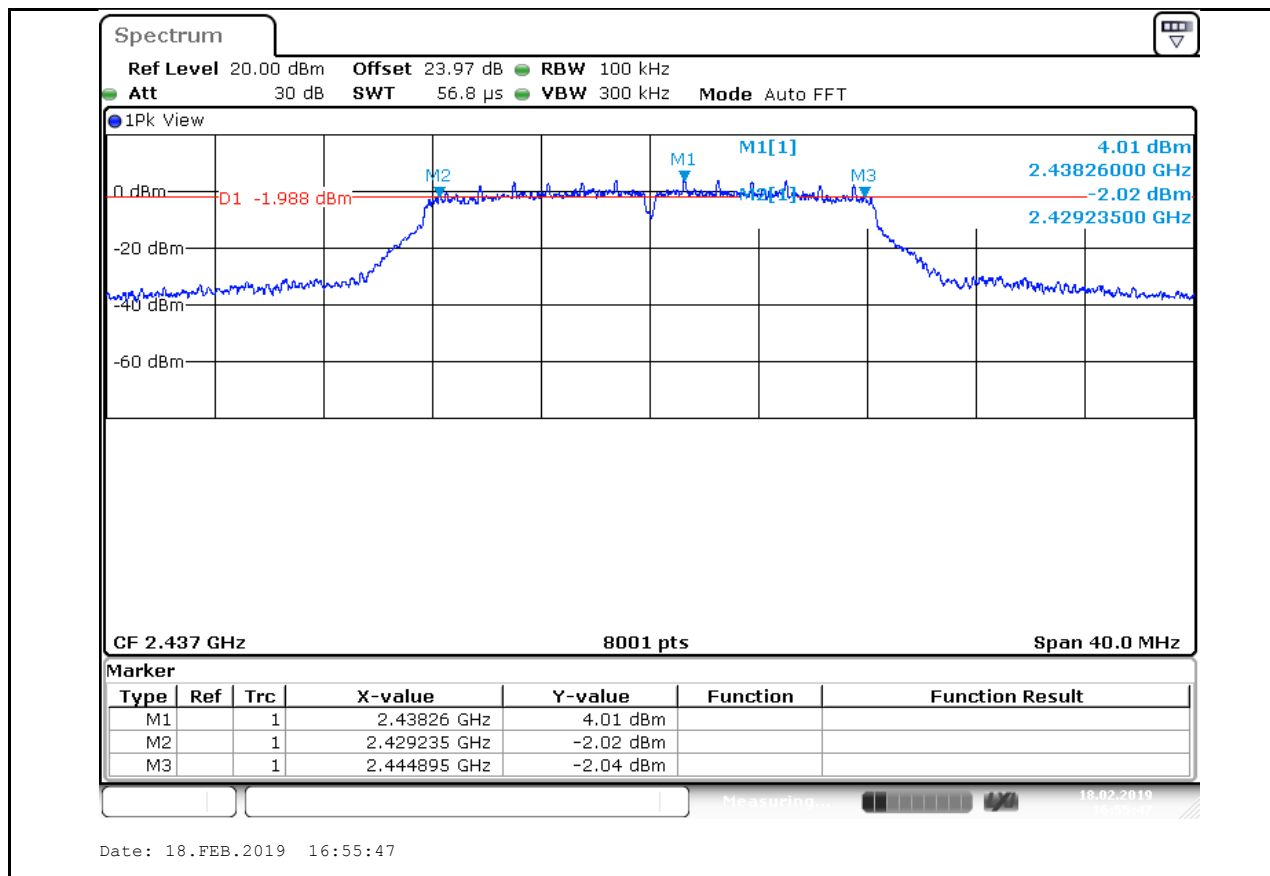
Date: 18.FEB.2019 16:42:37

6dB Bandwidth_11G_2412

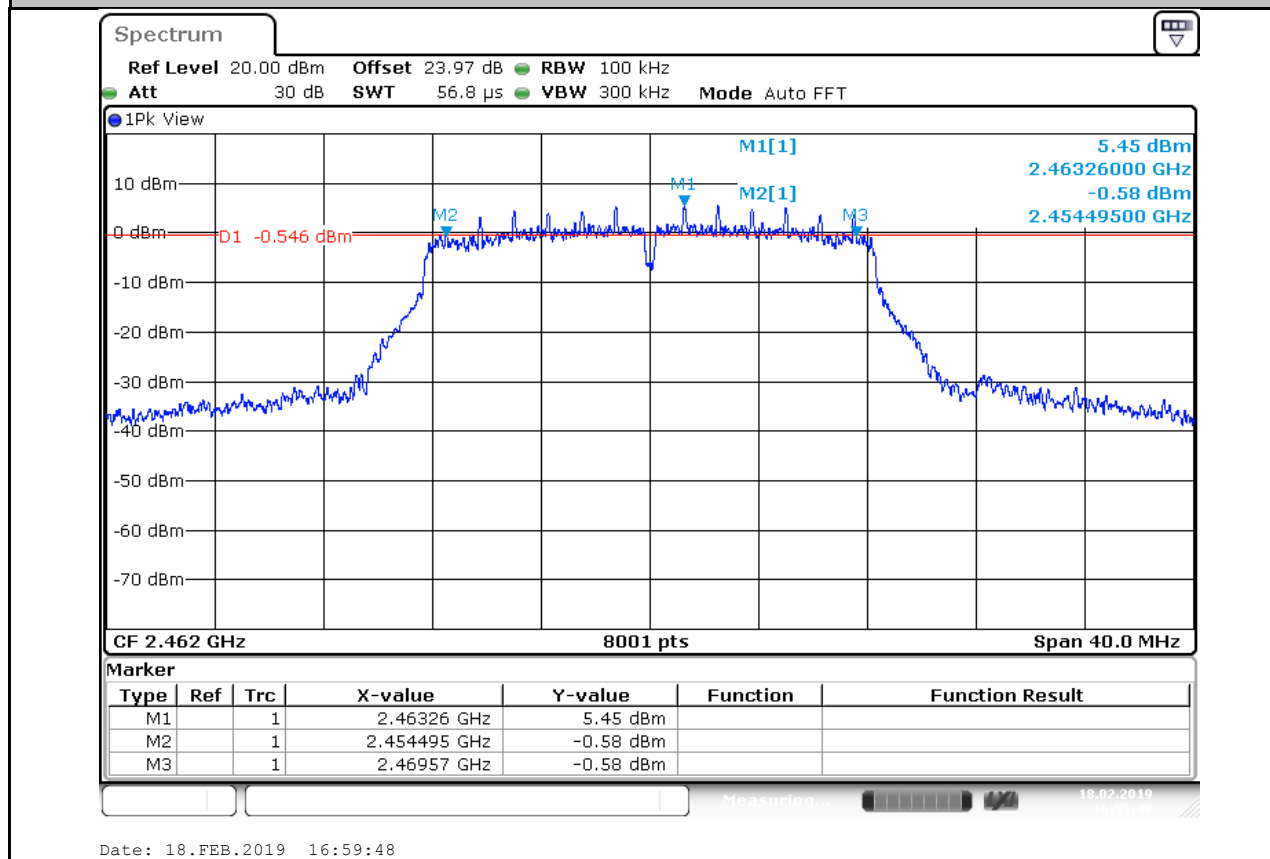


Date: 18.FEB.2019 16:51:27

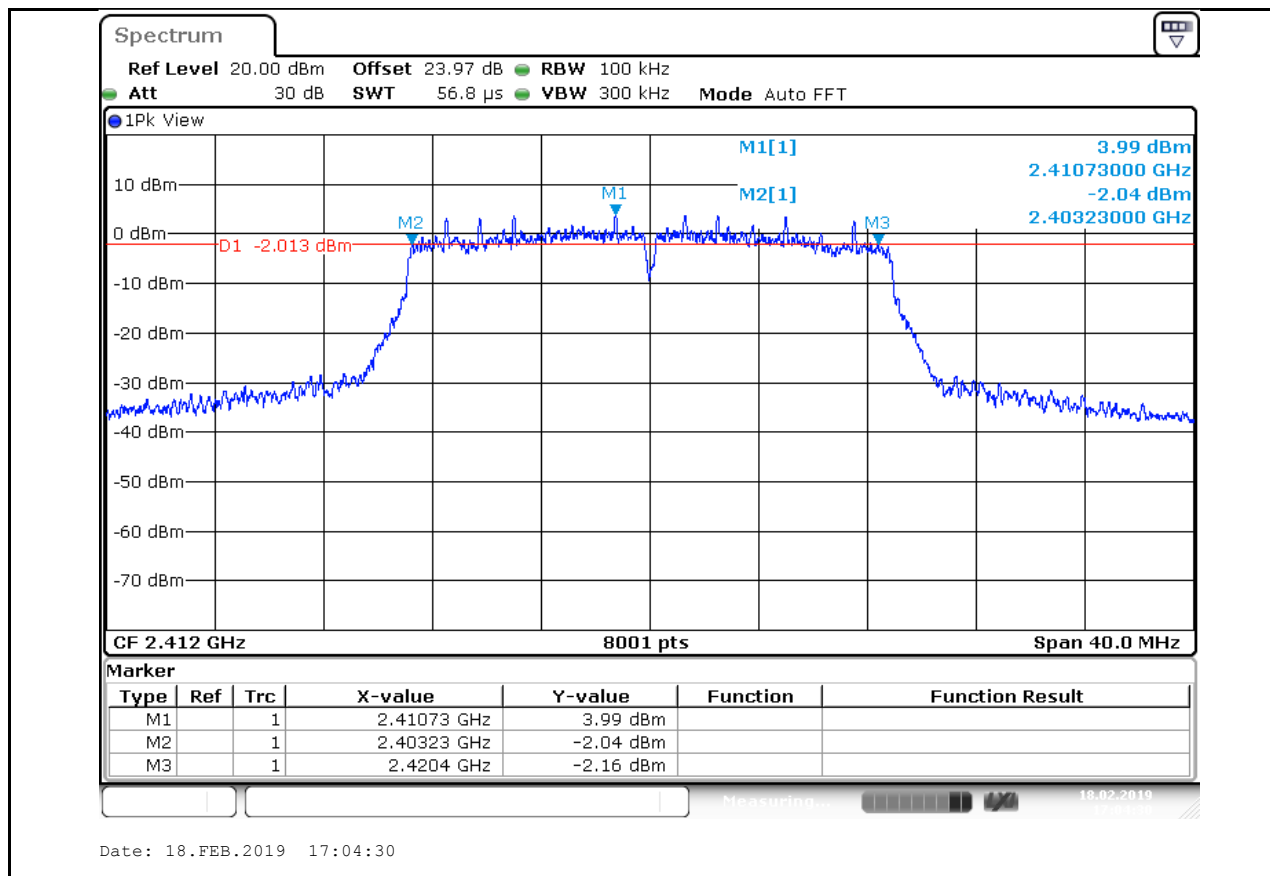
6dB Bandwidth_11G_2437



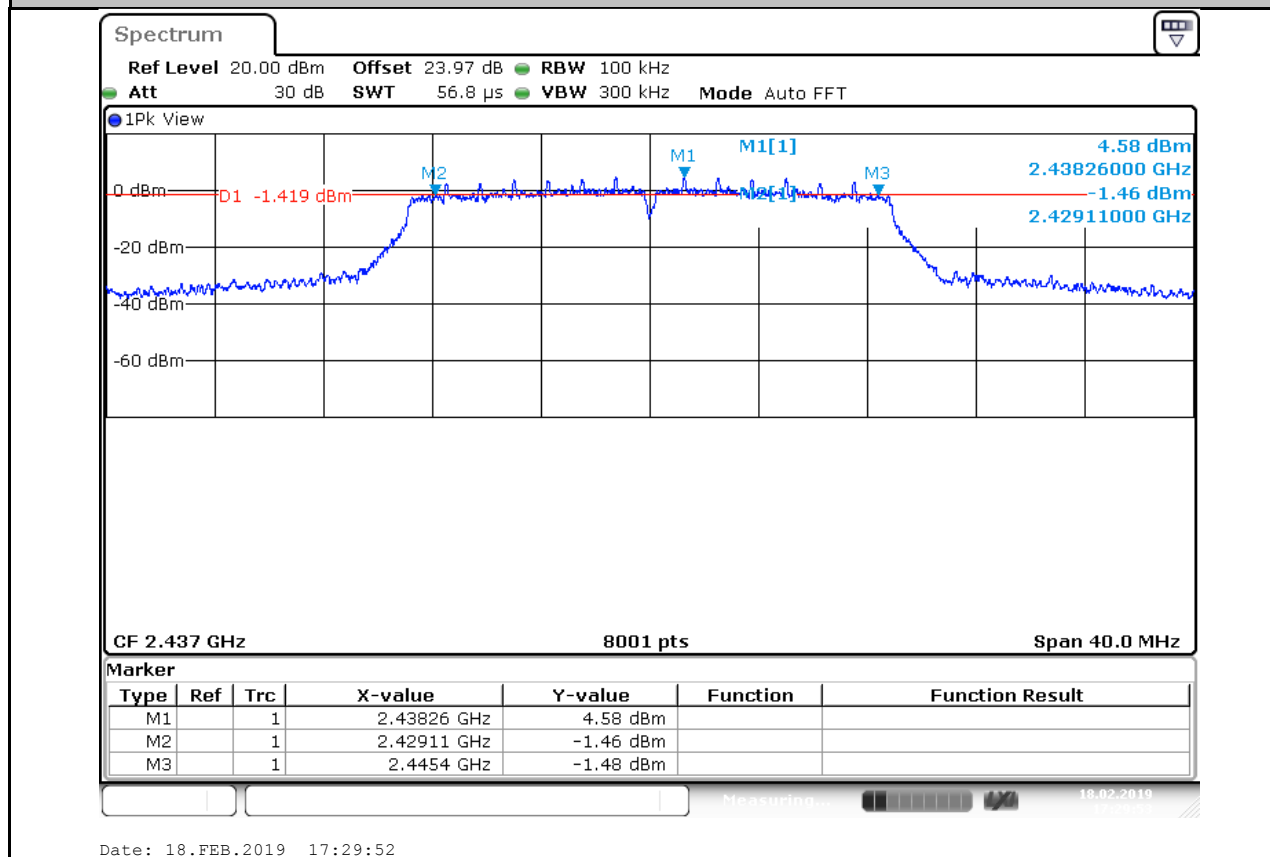
6dB Bandwidth_11G_2462



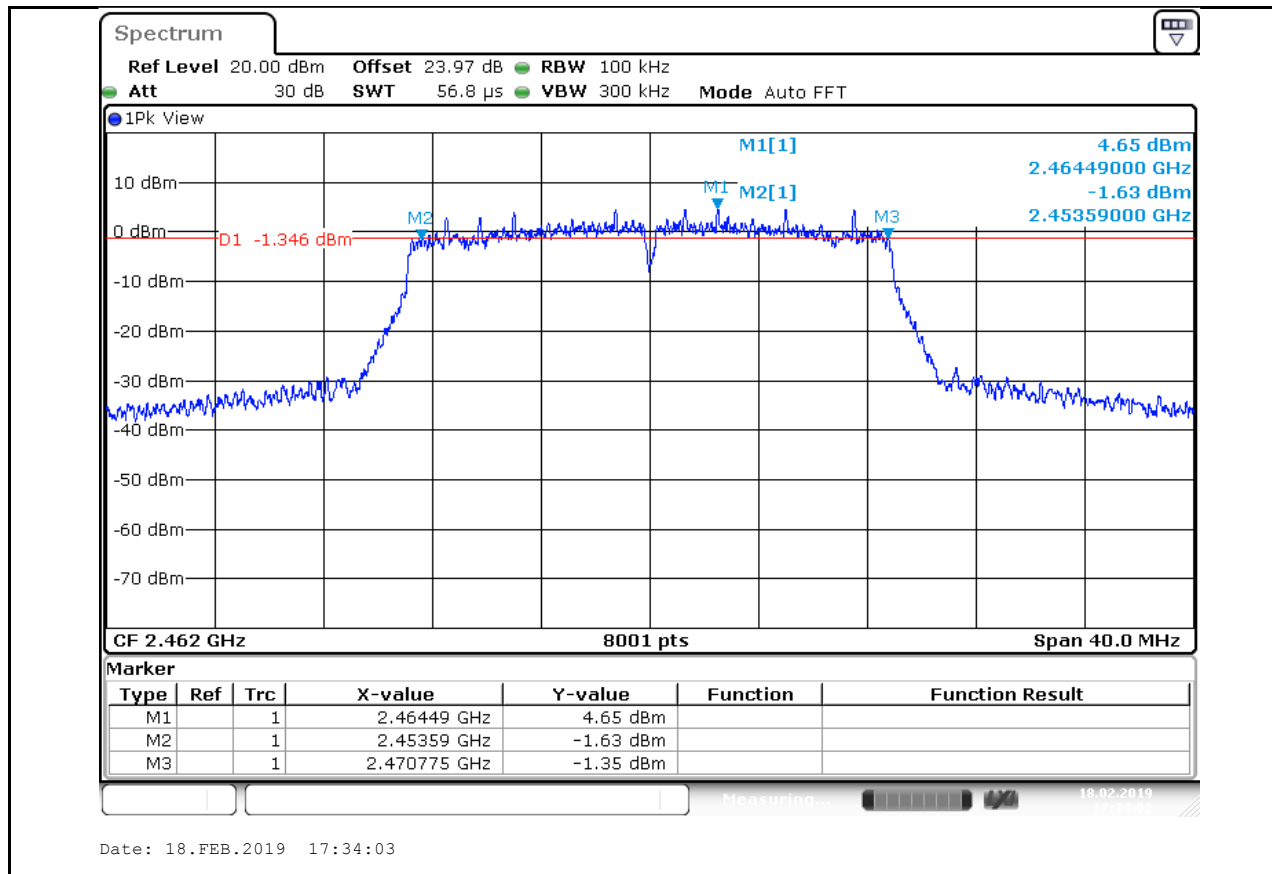
6dB Bandwidth_11N20SISO_2412



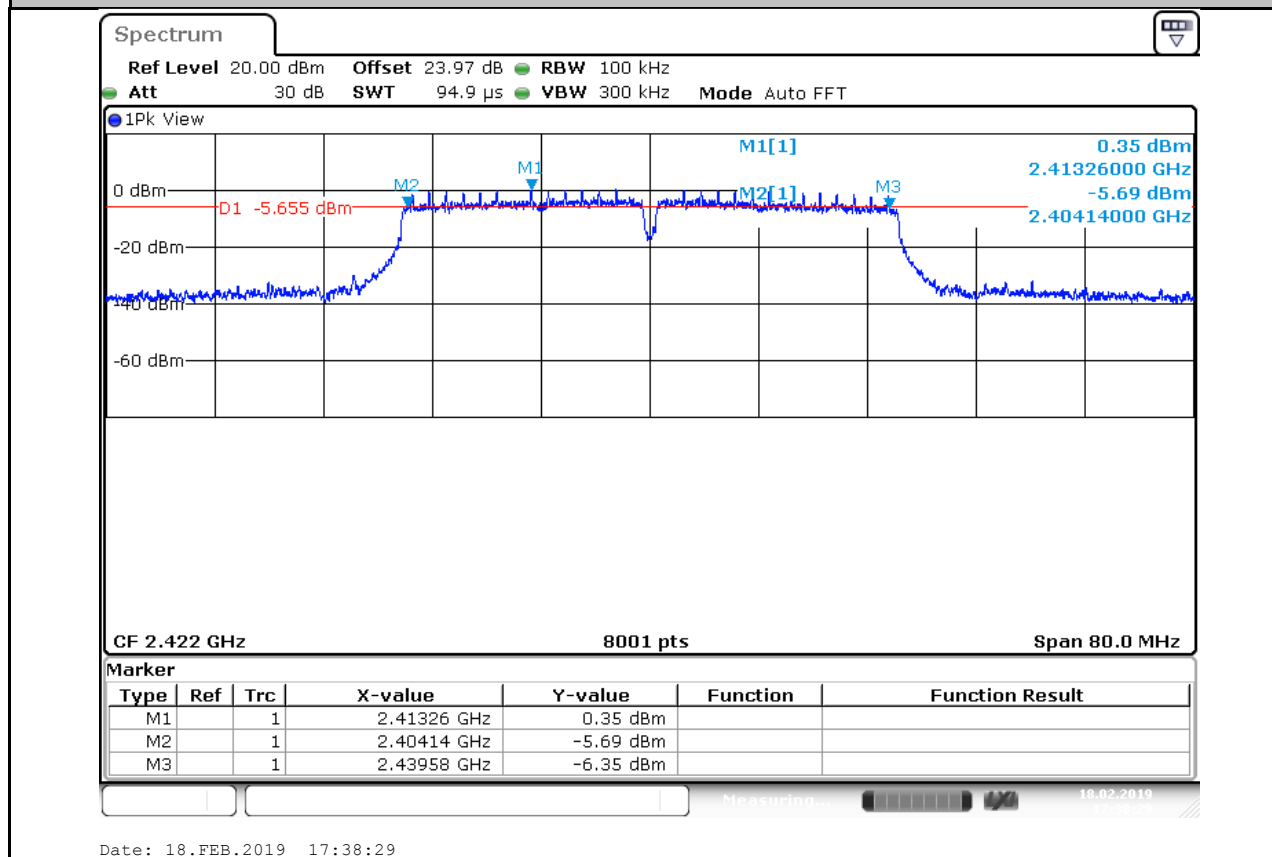
6dB Bandwidth_11N20SISO_2437



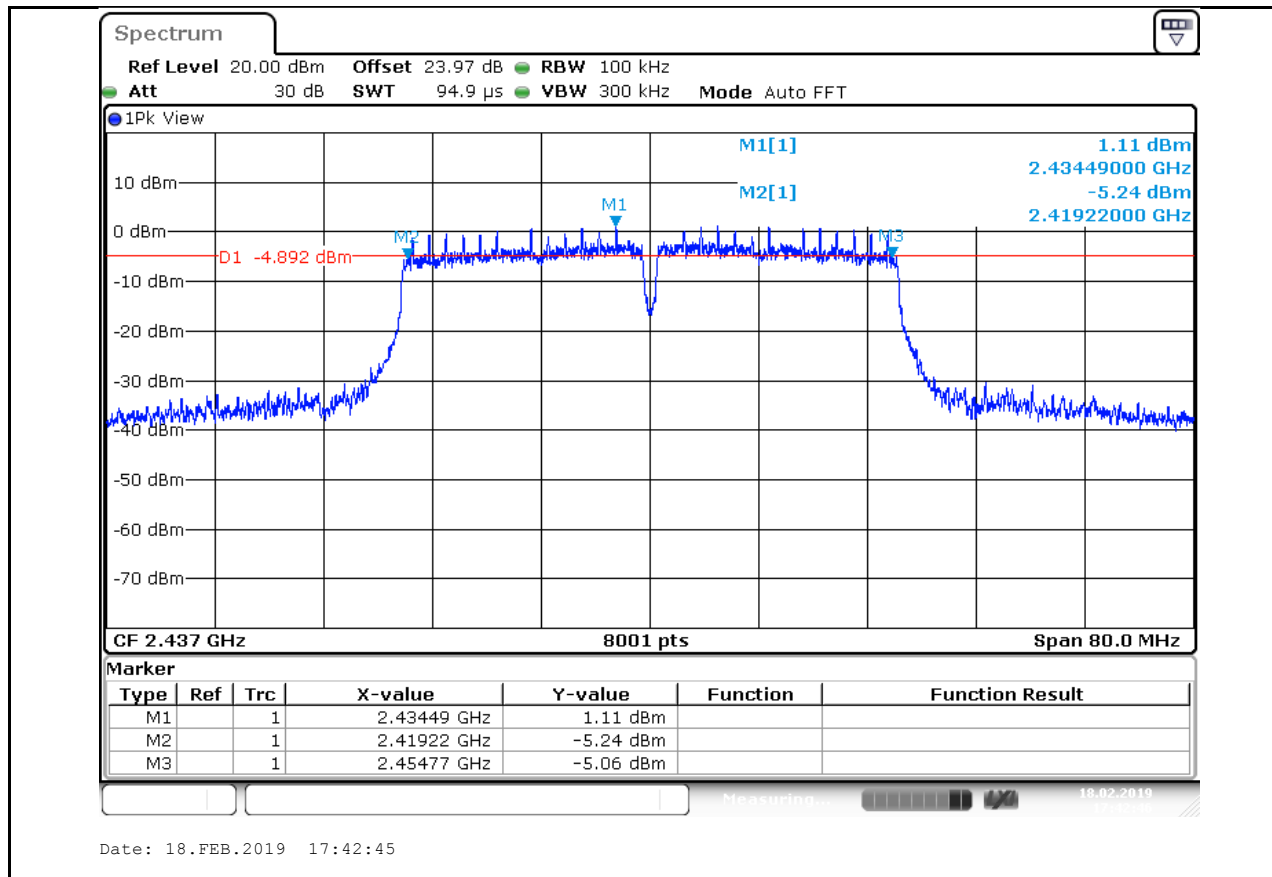
6dB Bandwidth_11N20SISO_2462



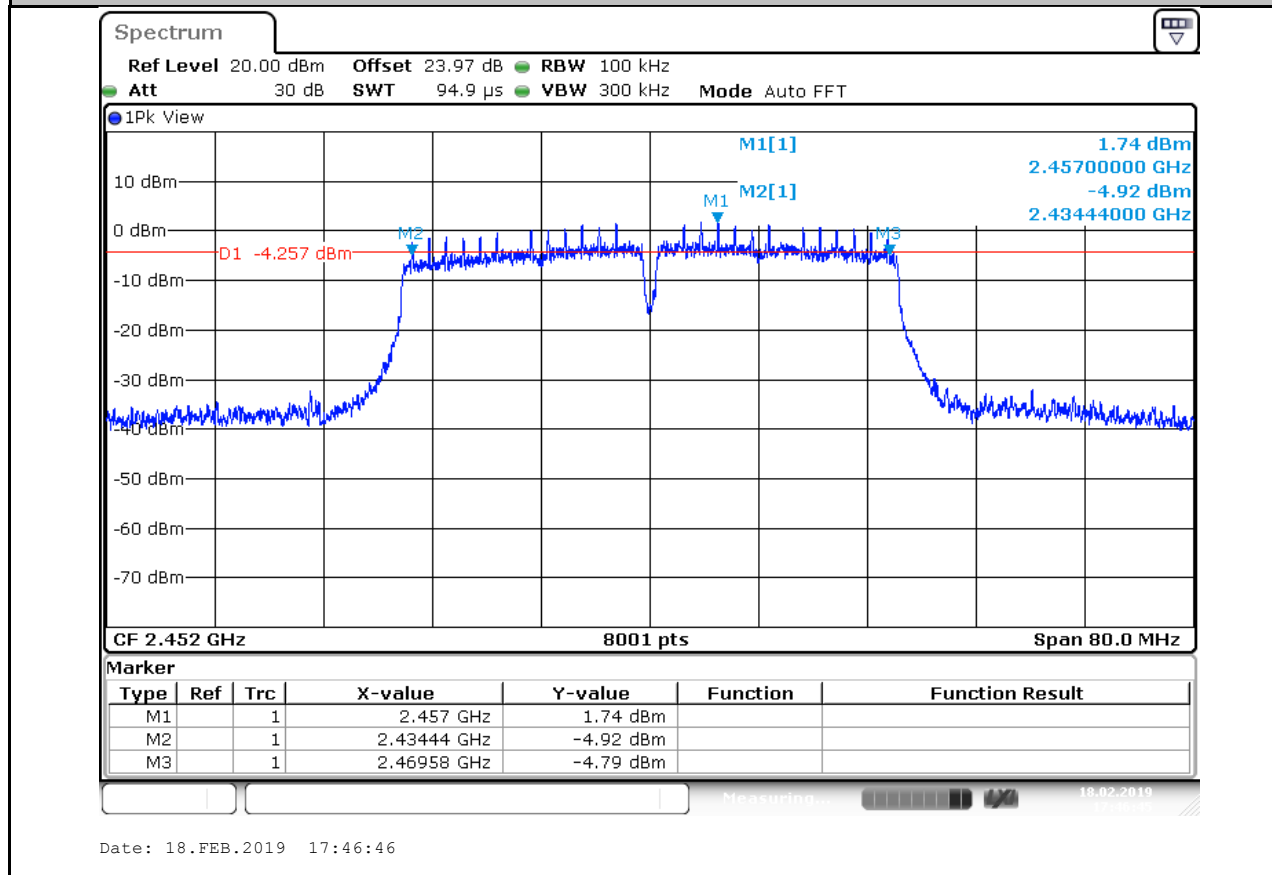
6dB Bandwidth_11N40SISO_2422



6dB Bandwidth_11N40SISO_2437



6dB Bandwidth_11N40SISO_2452

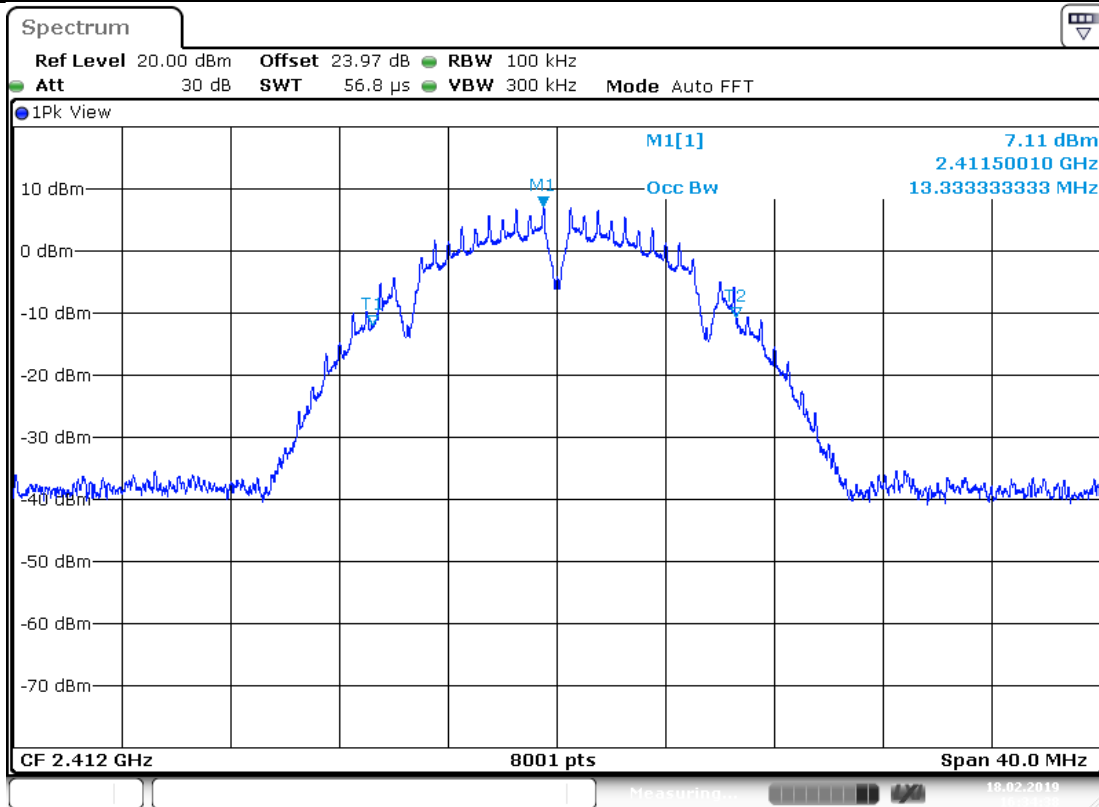


2.Occupied Bandwidth

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

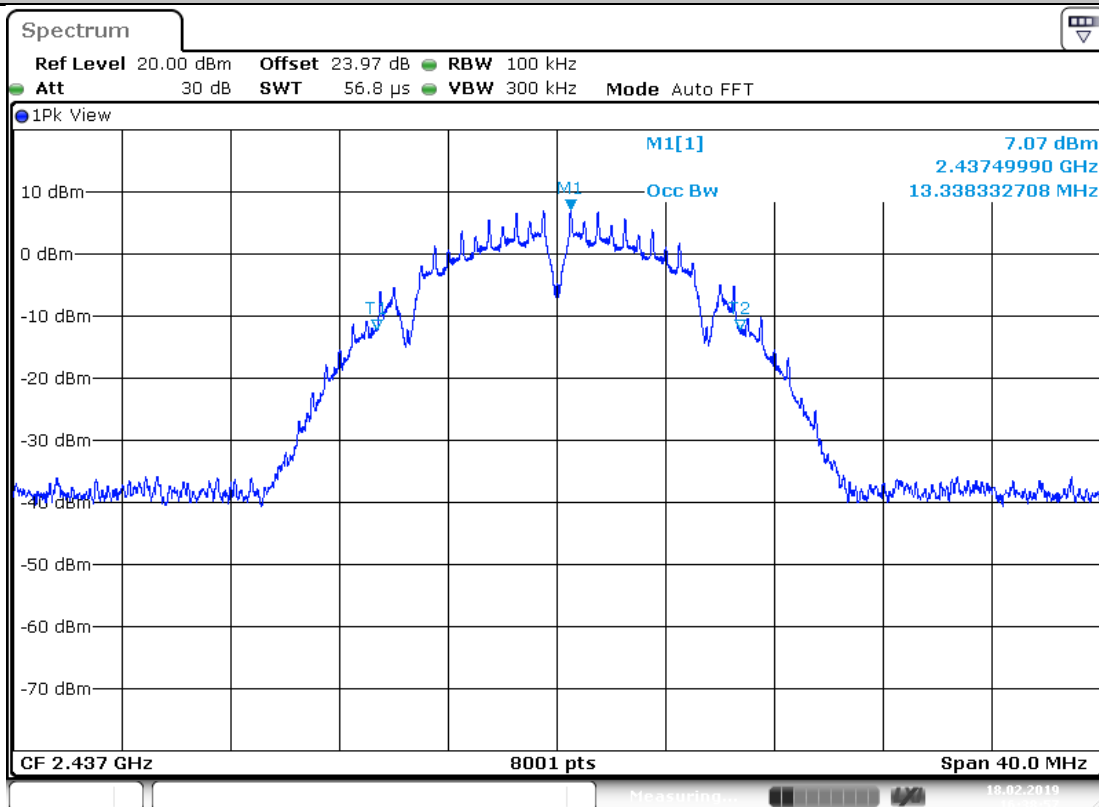
TEST PLOT

Occupied Bandwidth_11B_2412



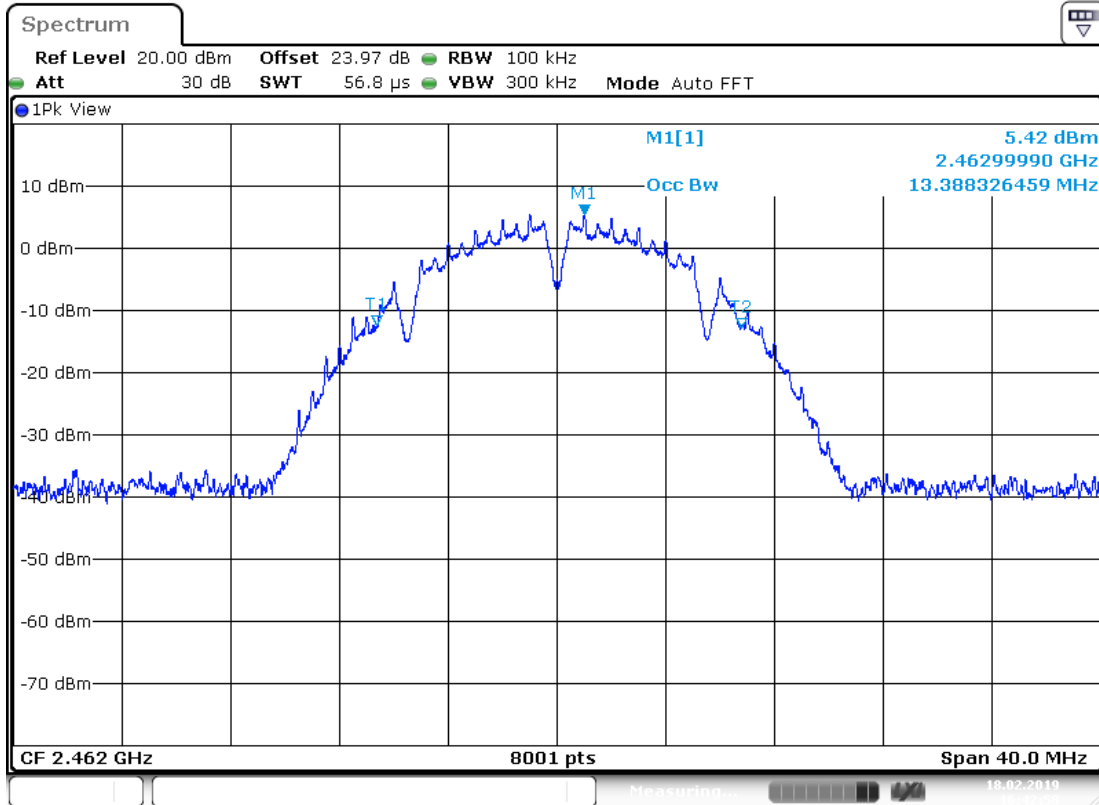
Date: 18.FEB.2019 16:34:38

Occupied Bandwidth_11B_2437

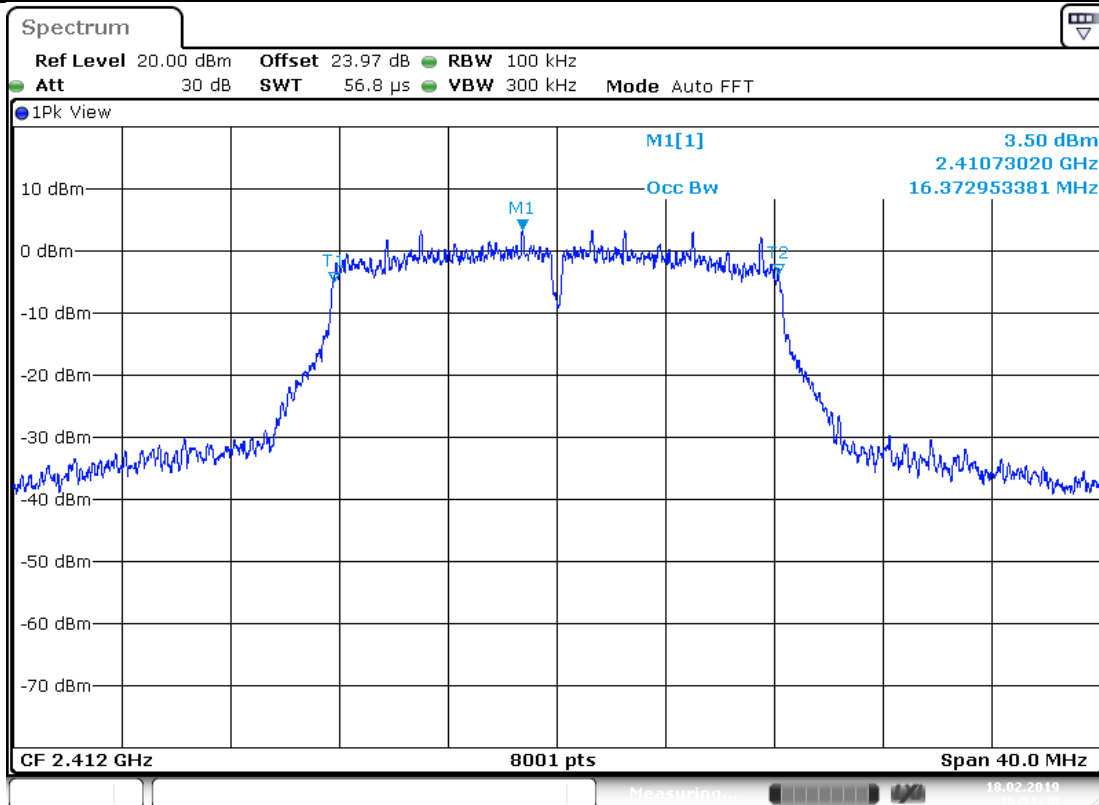


Date: 18.FEB.2019 16:38:57

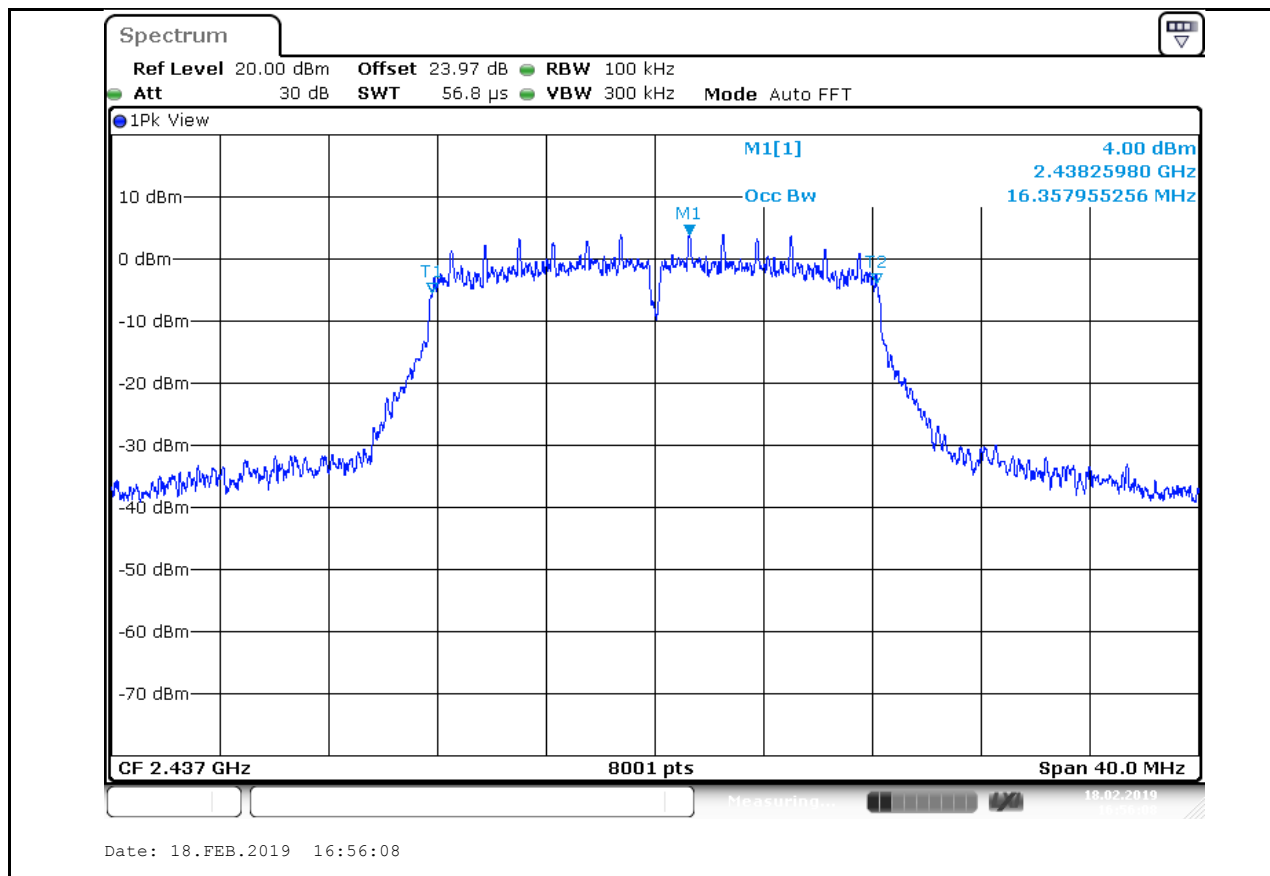
Occupied Bandwidth_11B_2462



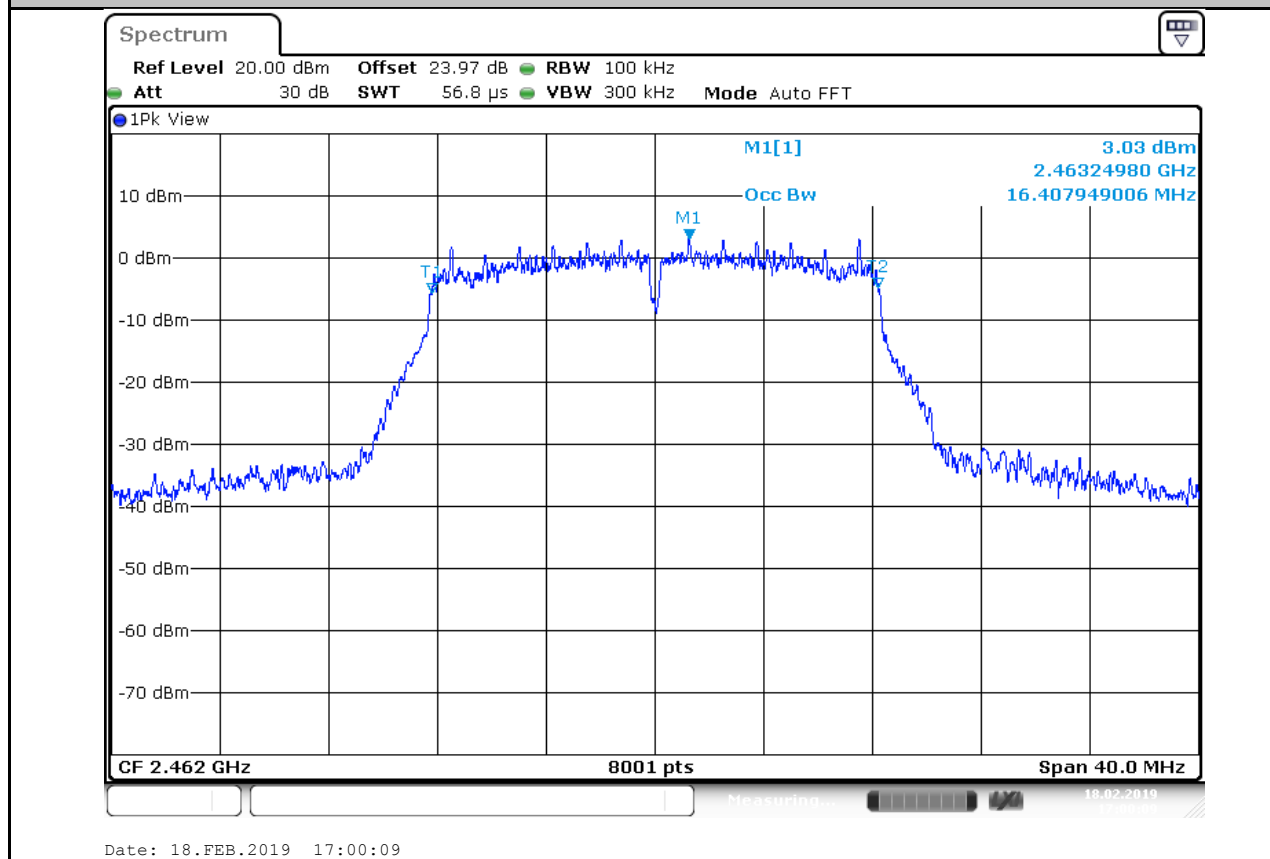
Occupied Bandwidth_11G_2412



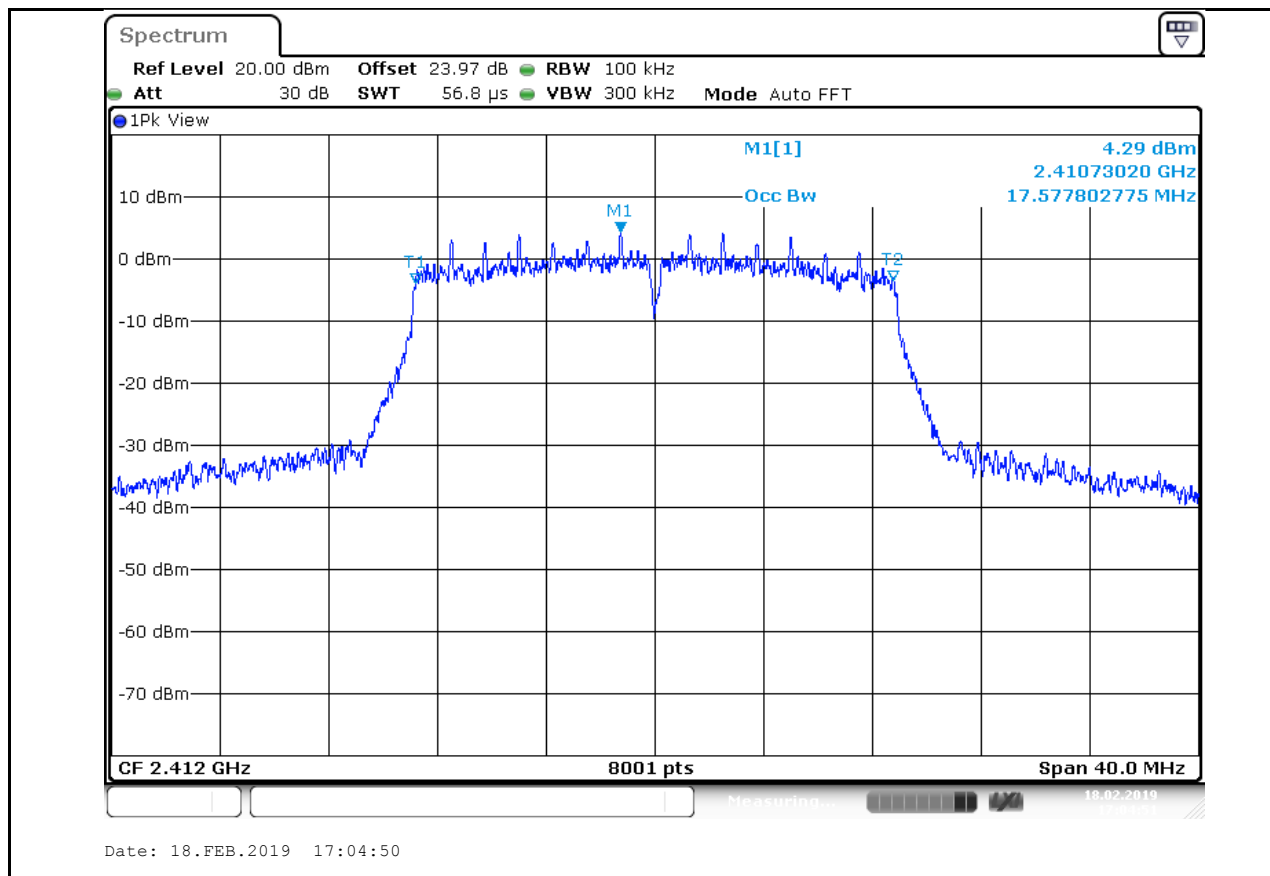
Occupied Bandwidth_11G_2437



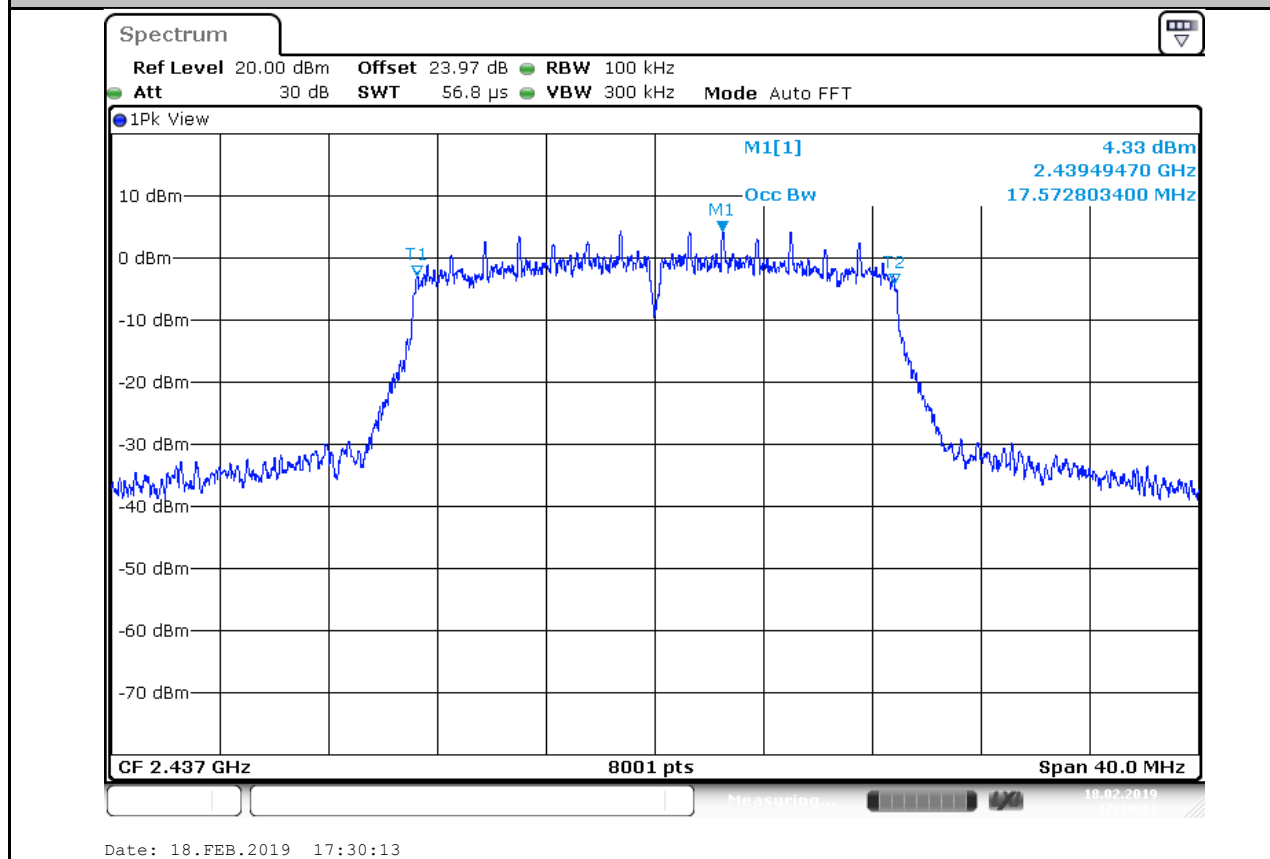
Occupied Bandwidth_11G_2462



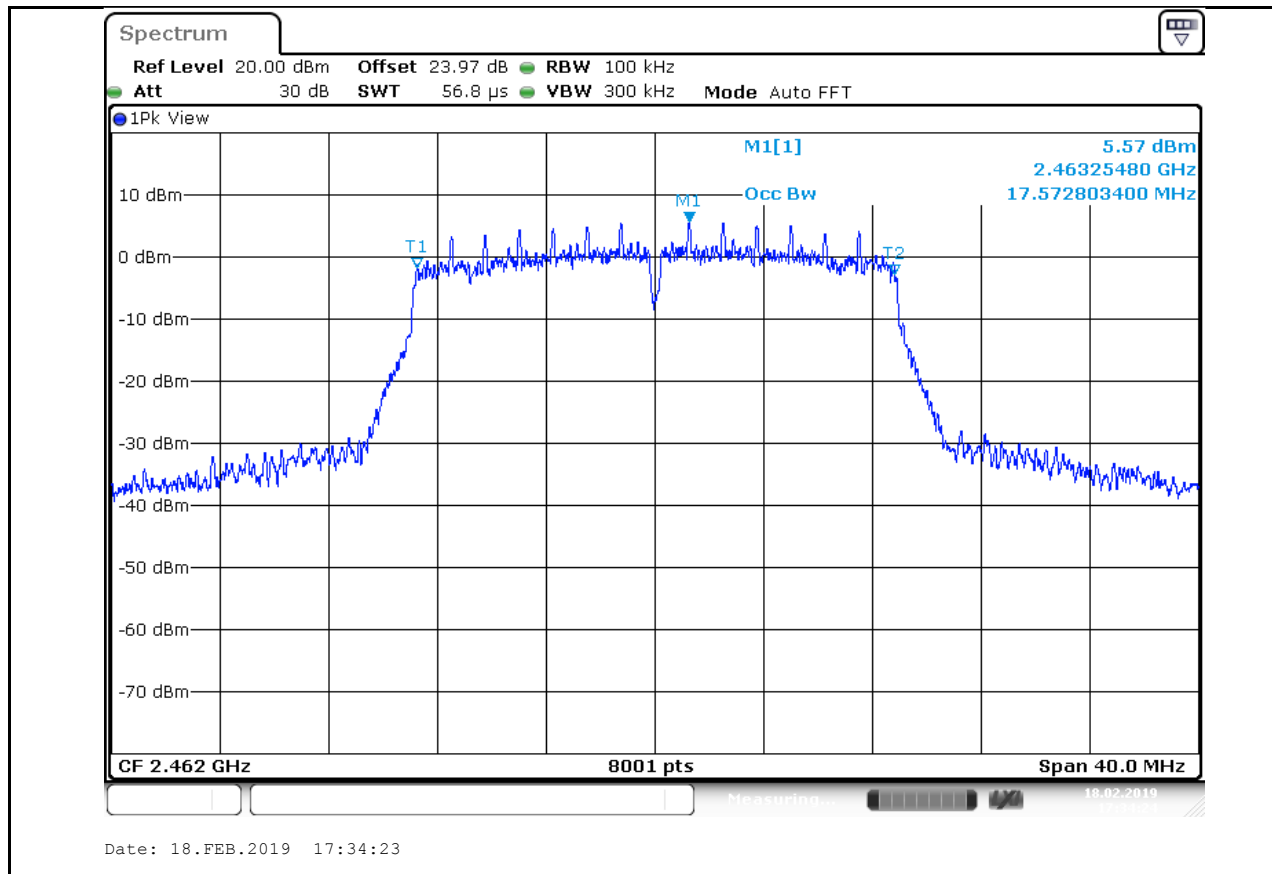
Occupied Bandwidth_11N20SISO_2412



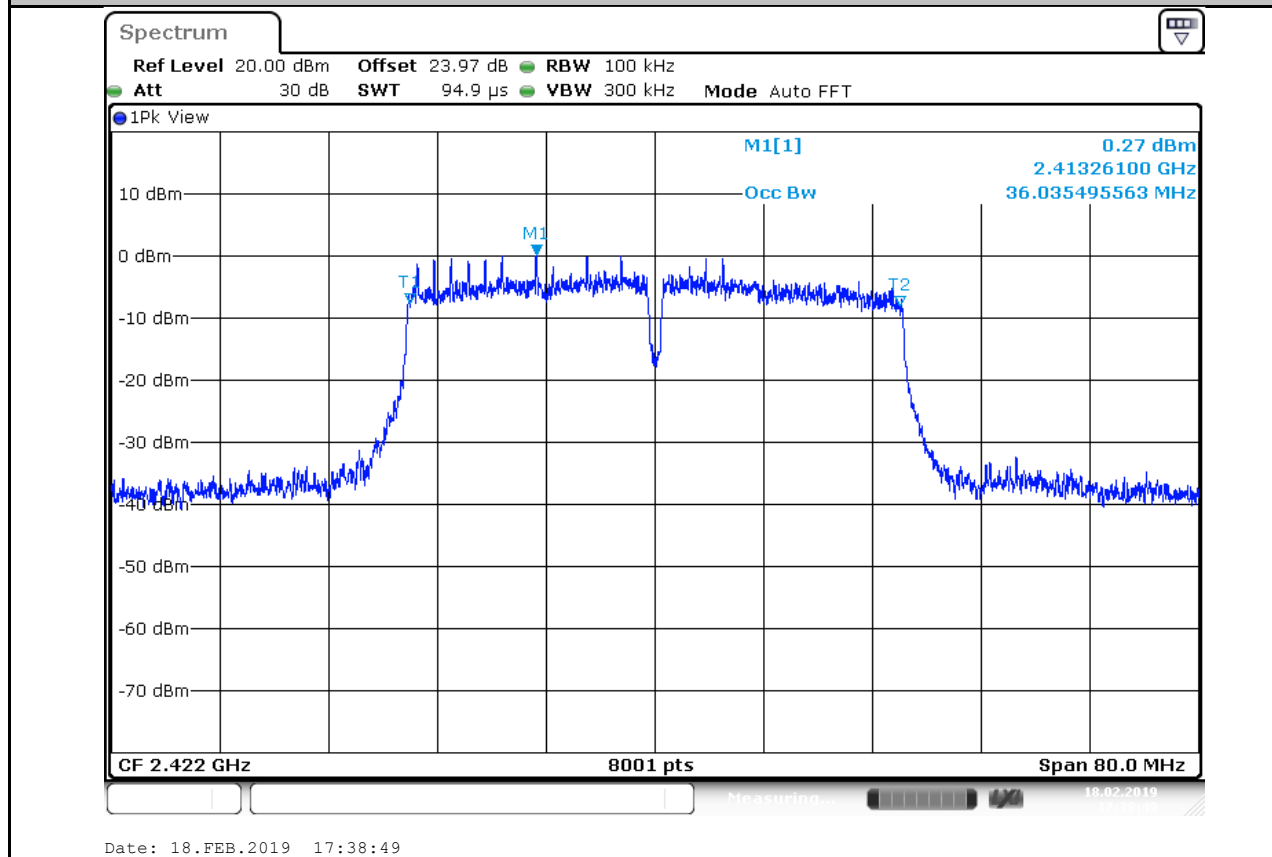
Occupied Bandwidth_11N20SISO_2437



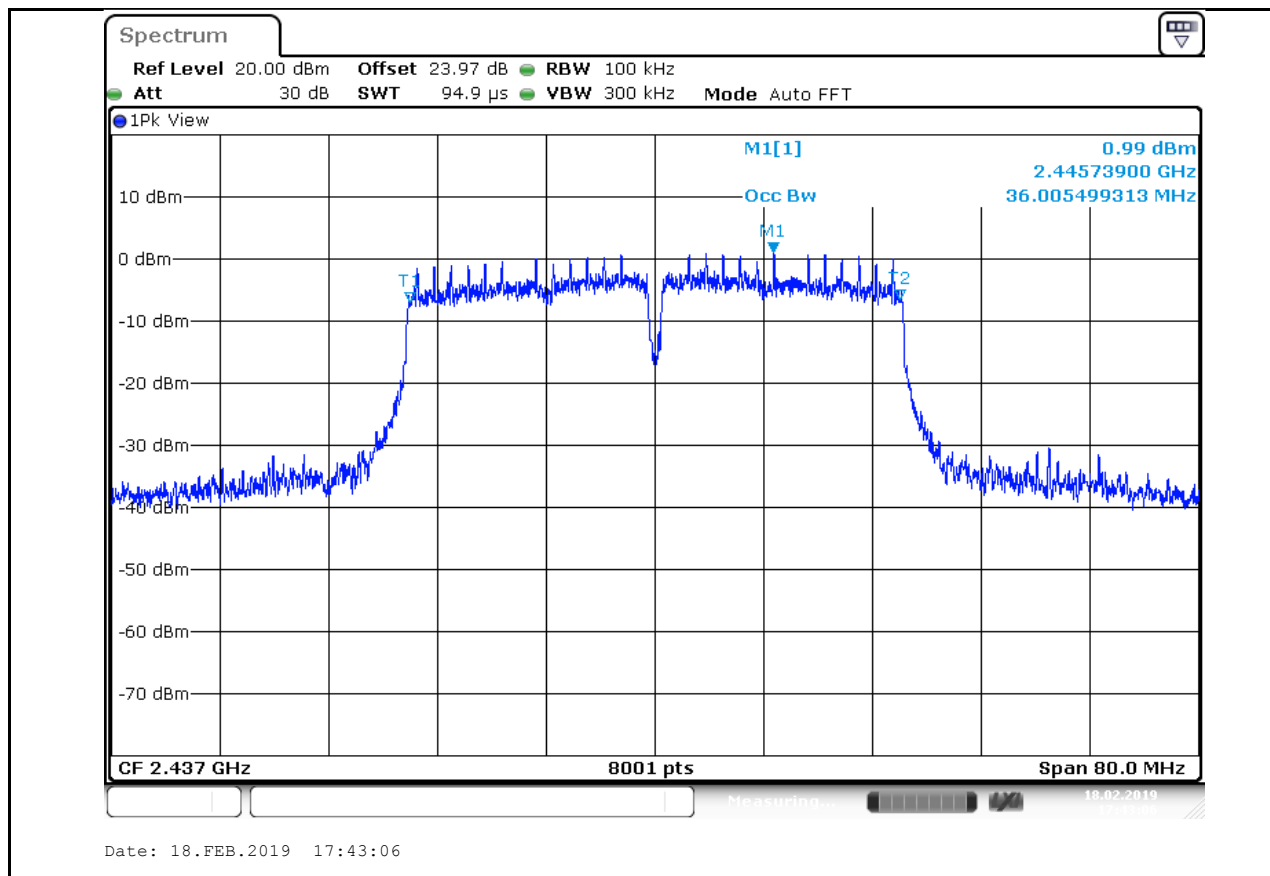
Occupied Bandwidth_11N20SISO_2462



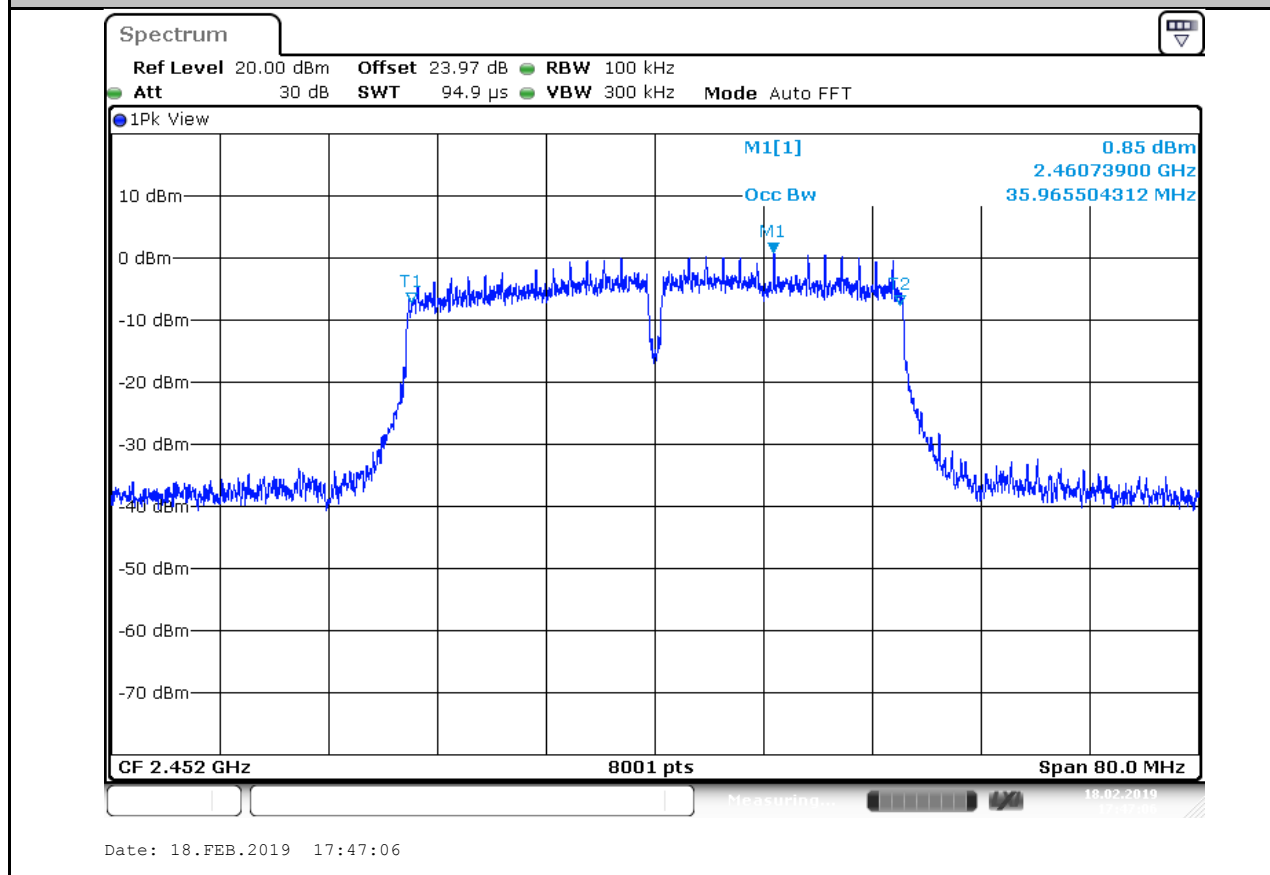
Occupied Bandwidth_11N40SISO_2422



Occupied Bandwidth_11N40SISO_2437



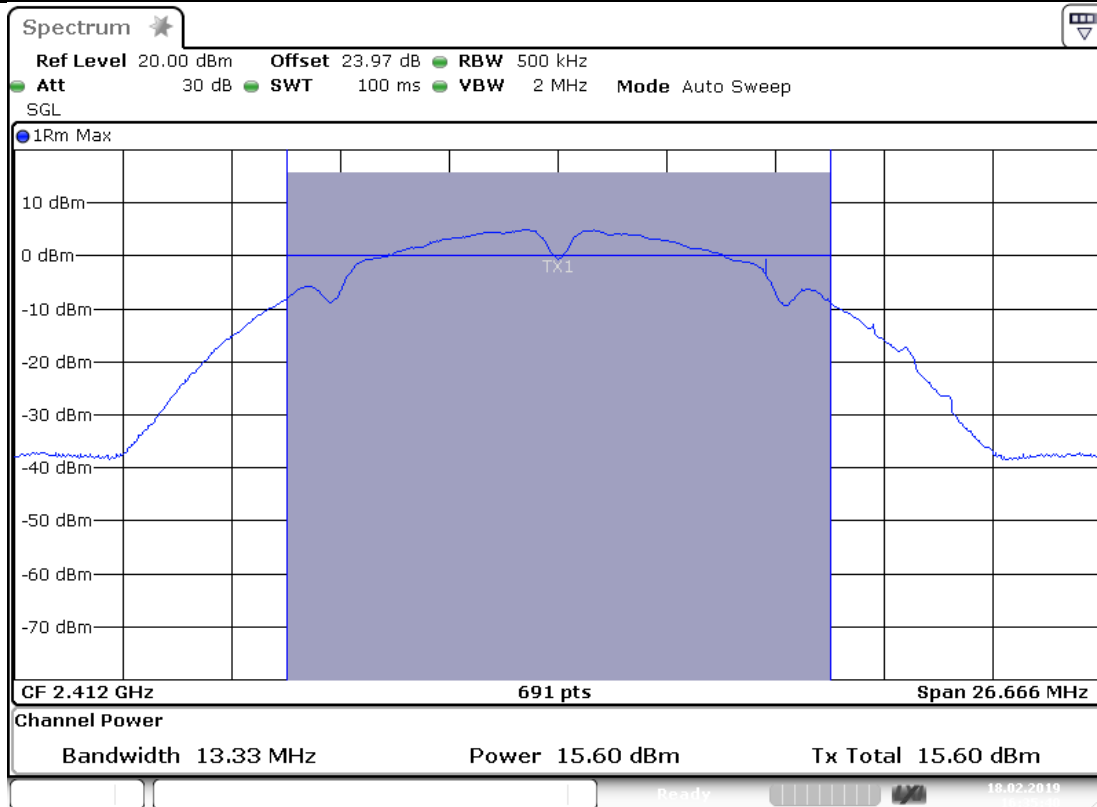
Occupied Bandwidth_11N40SISO_2452



3.Maximum conducted (average) output power

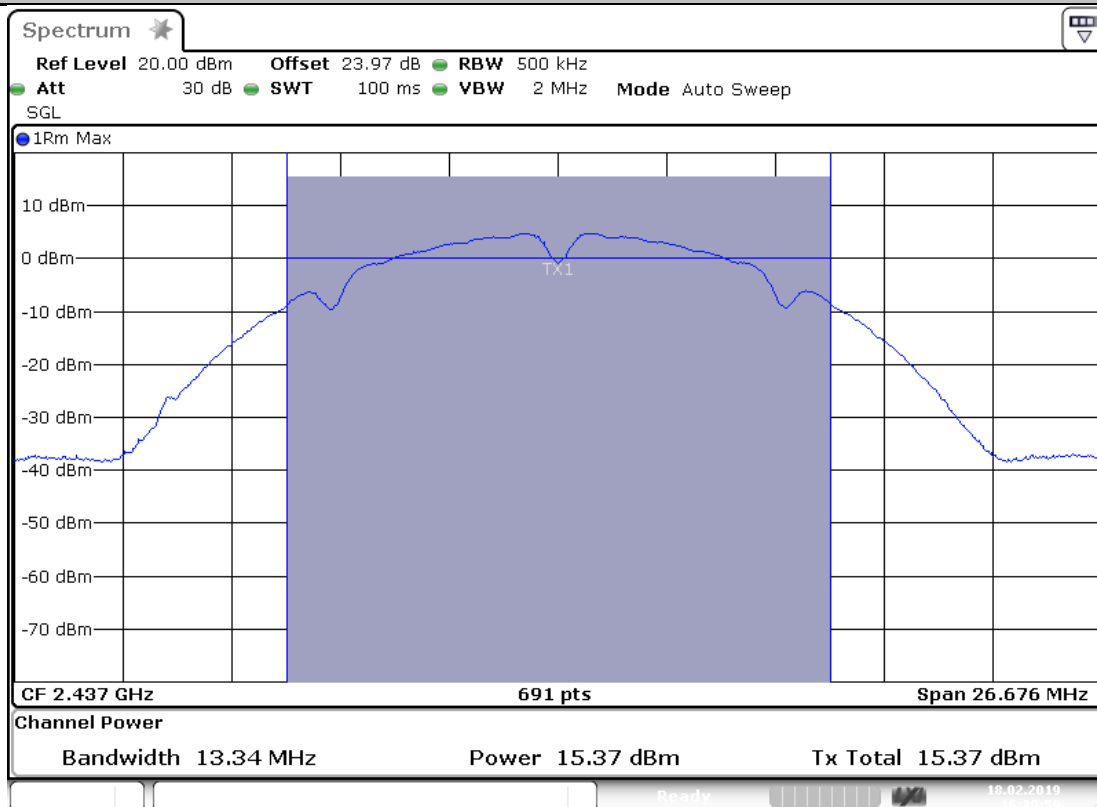
Test Mode	Test Channel	Ant	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	15.66	30	PASS
11B	2437	Ant1	15.42	30	PASS
11B	2462	Ant1	15.54	30	PASS
11G	2412	Ant1	15.78	30	PASS
11G	2437	Ant1	15.36	30	PASS
11G	2462	Ant1	16.07	30	PASS
11N20SISO	2412	Ant1	16	30	PASS
11N20SISO	2437	Ant1	15.86	30	PASS
11N20SISO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



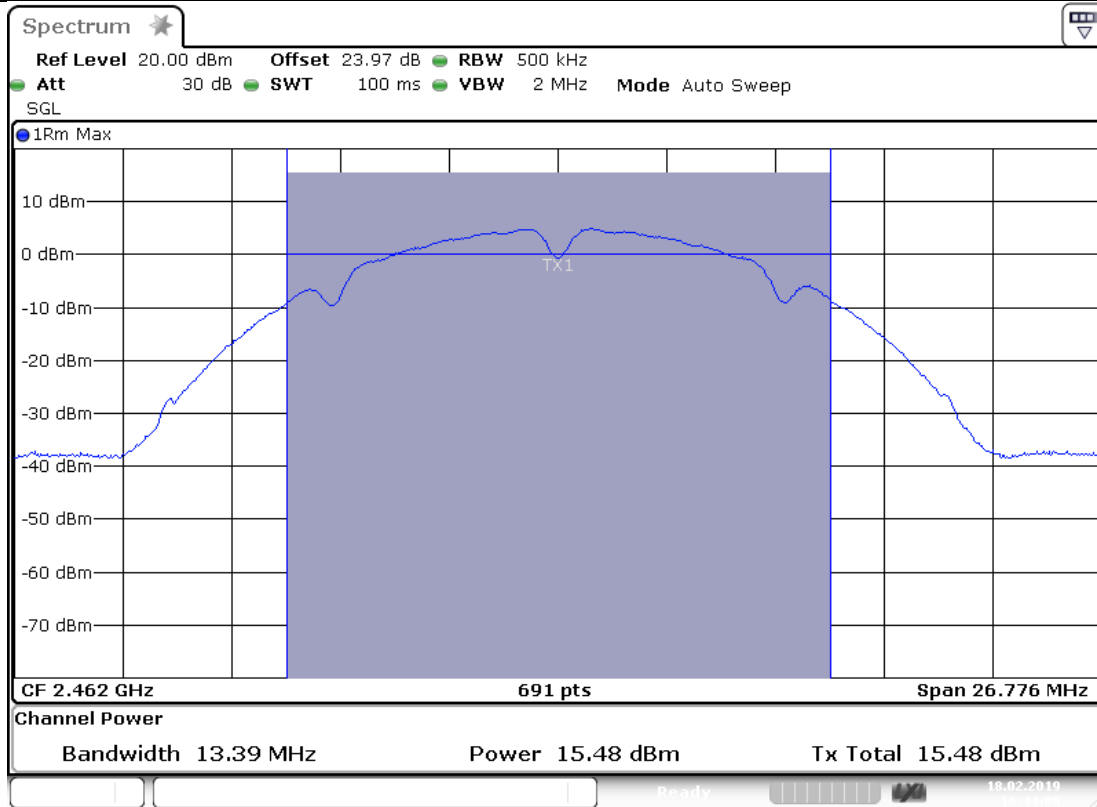
Date: 18.FEB.2019 16:35:40

Maximum conducted (average) output power_11B_2437



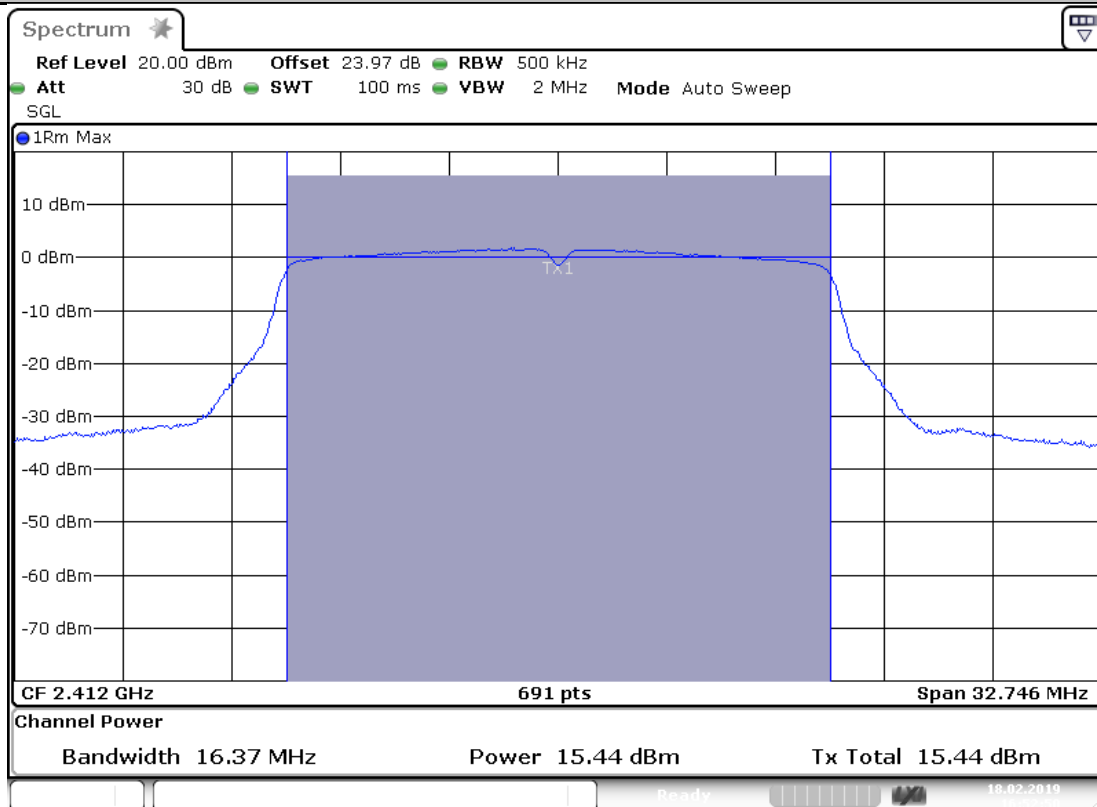
Date: 18.FEB.2019 16:39:59

Maximum conducted (average) output power_11B_2462



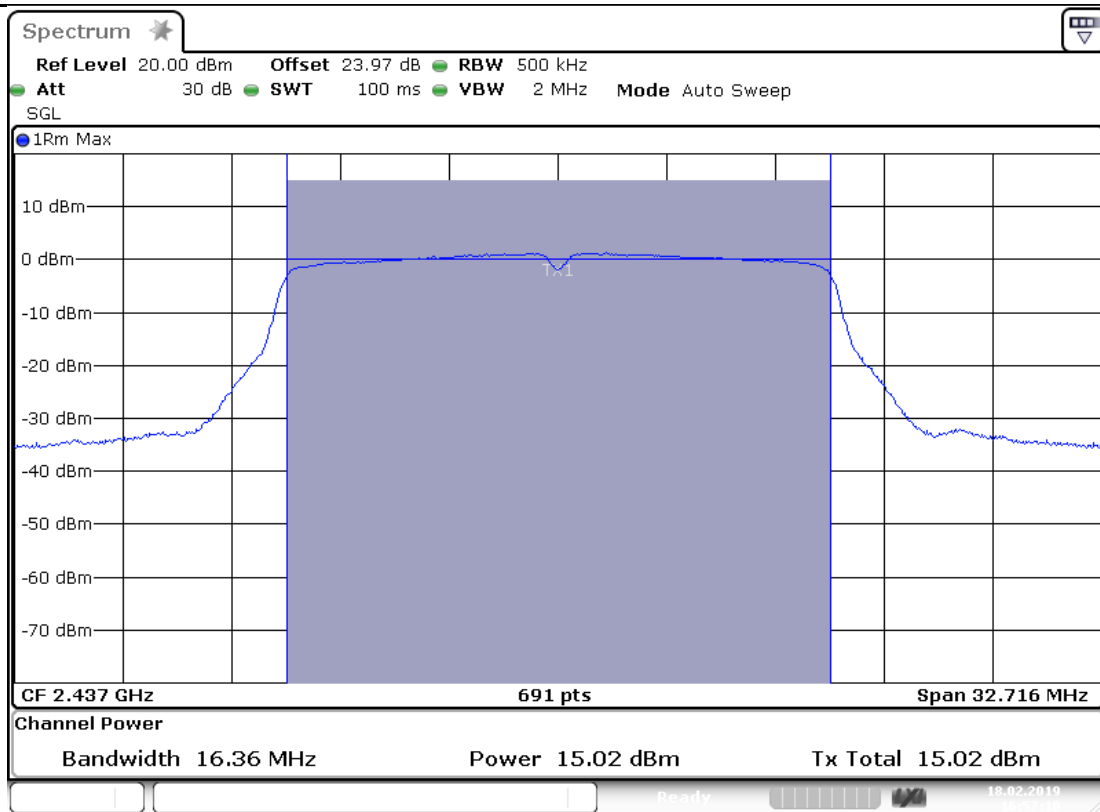
Date: 18.FEB.2019 16:44:00

Maximum conducted (average) output power_11G_2412



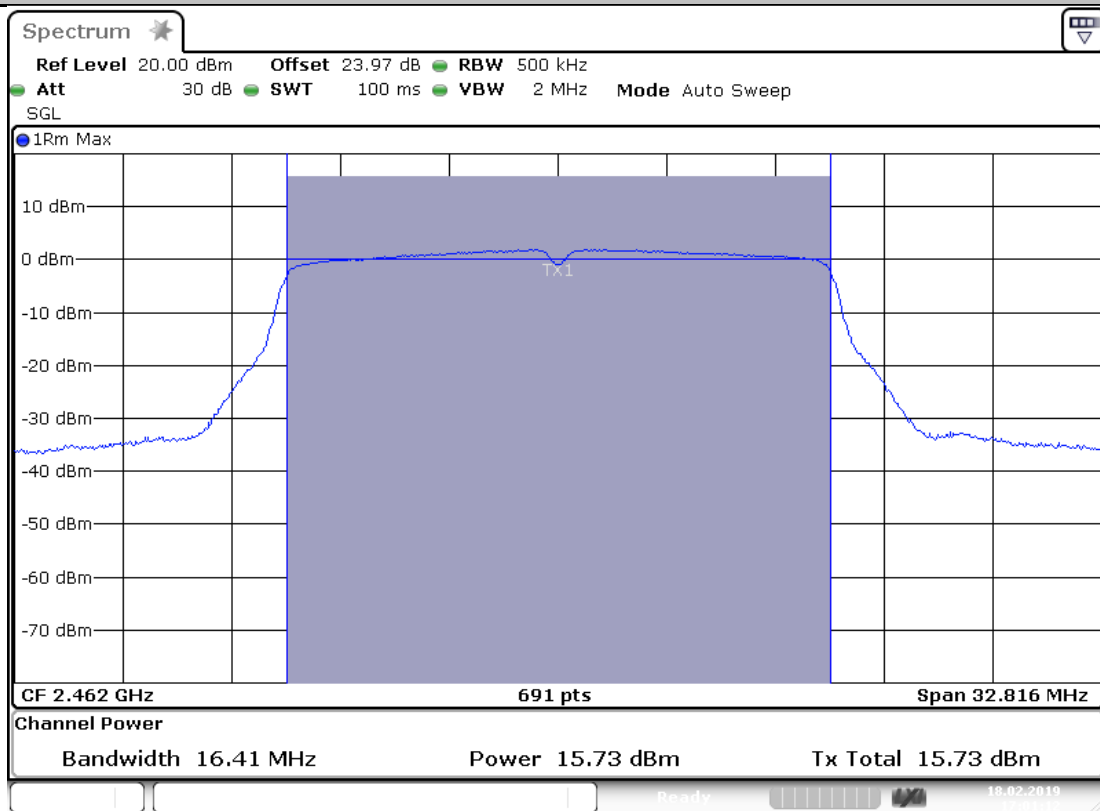
Date: 18.FEB.2019 16:52:50

Maximum conducted (average) output power_11G_2437



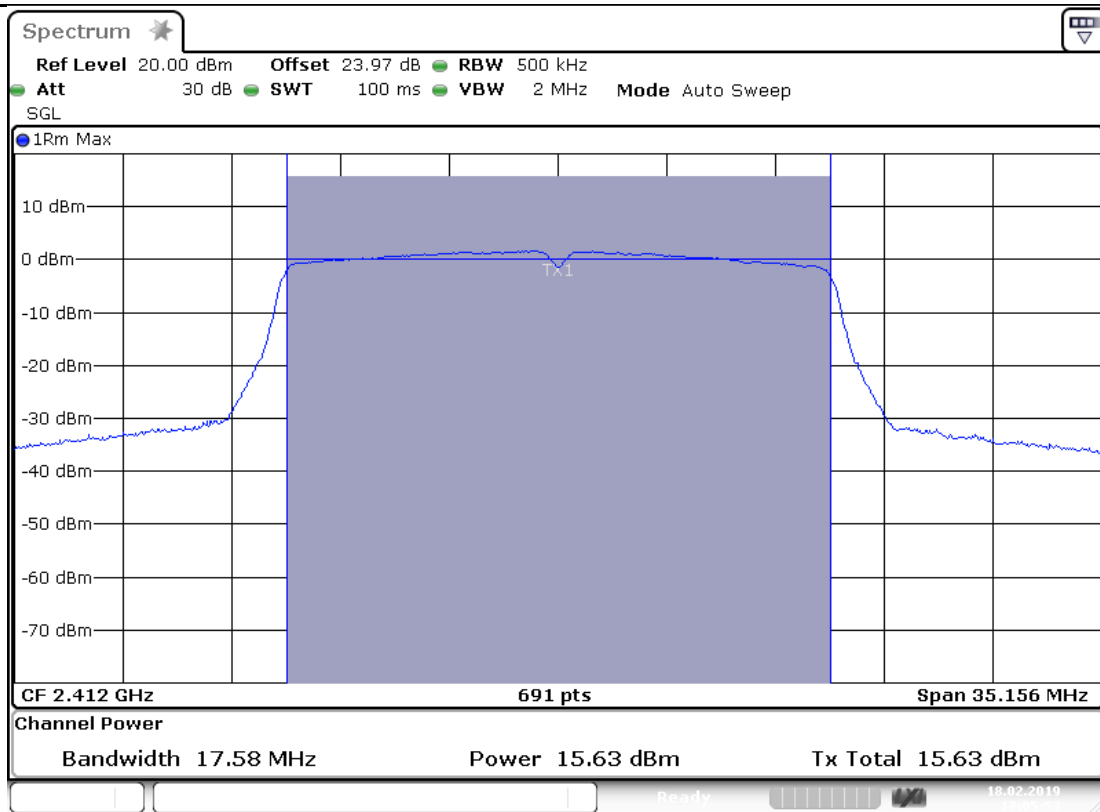
Date: 18.FEB.2019 16:57:10

Maximum conducted (average) output power_11G_2462



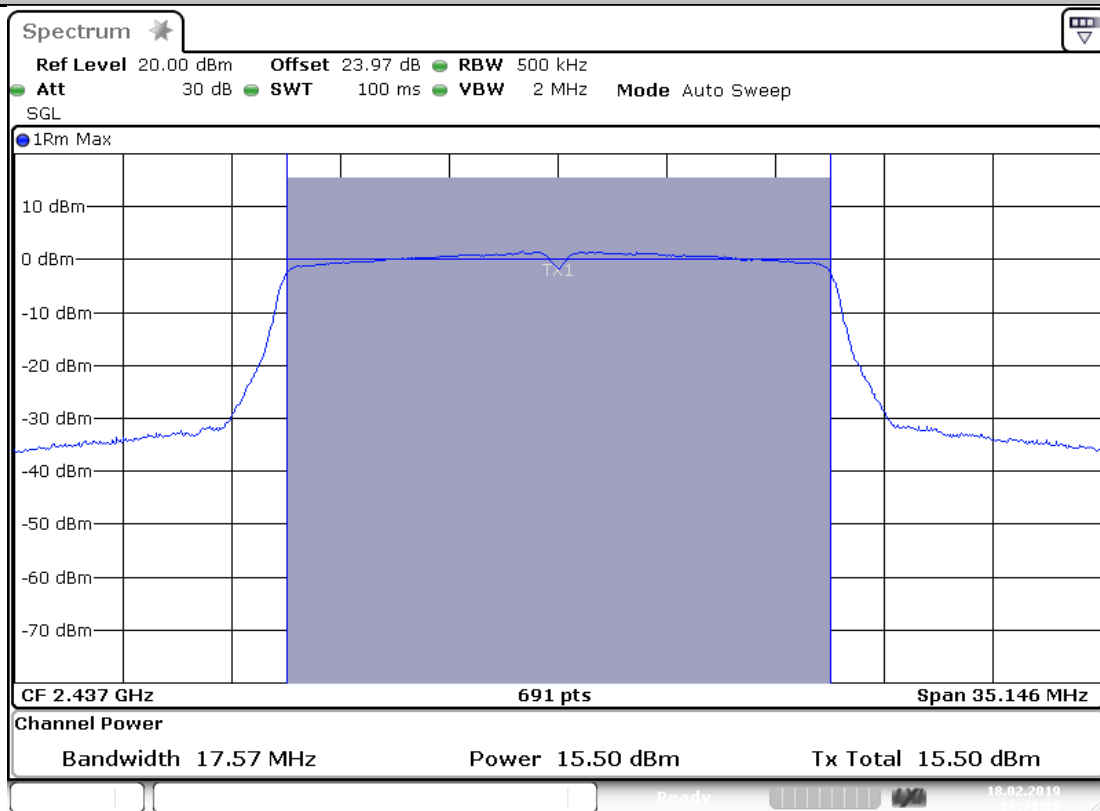
Date: 18.FEB.2019 17:01:11

Maximum conducted (average) output power_11N20SISO_2412



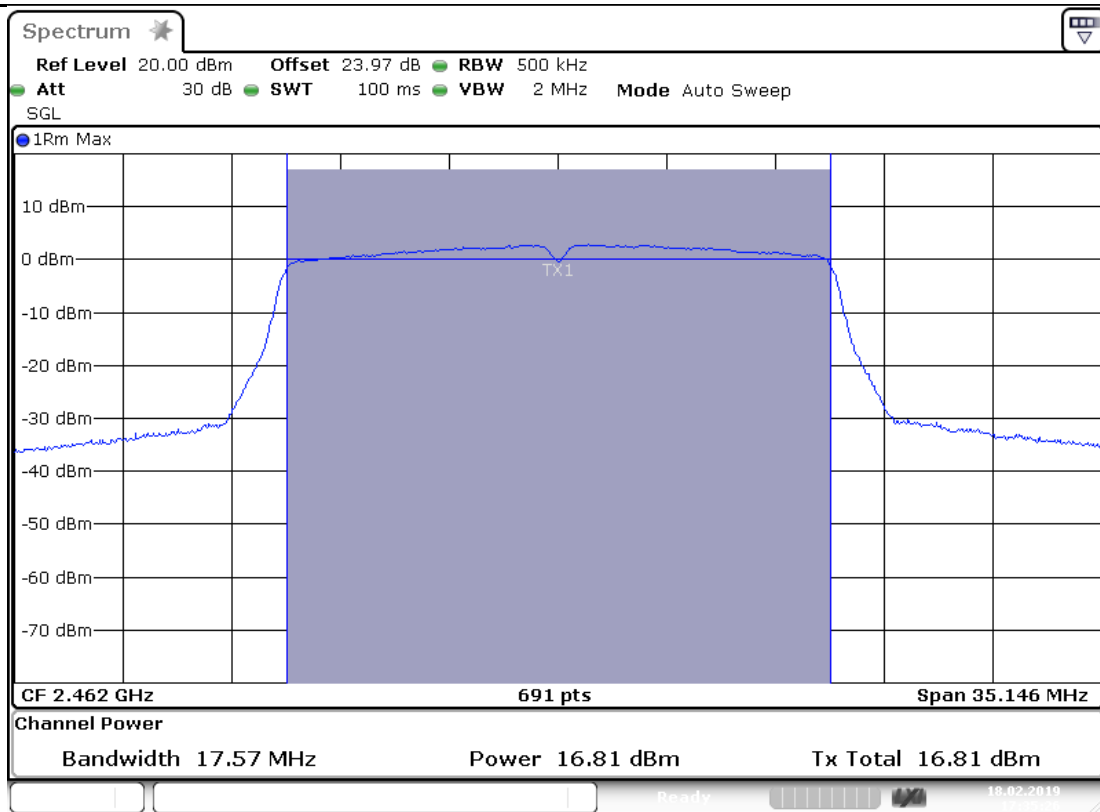
Date: 18.FEB.2019 17:05:53

Maximum conducted (average) output power_11N20SISO_2437



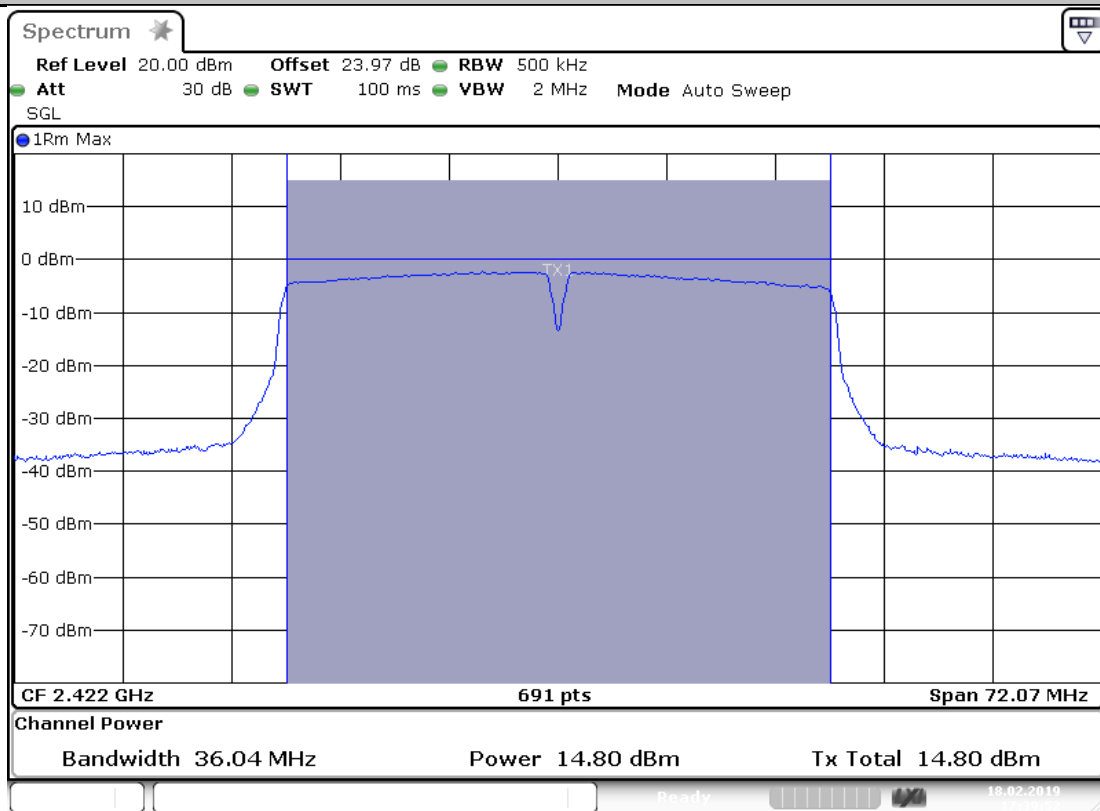
Date: 18.FEB.2019 17:31:16

Maximum conducted (average) output power_11N20SISO_2462



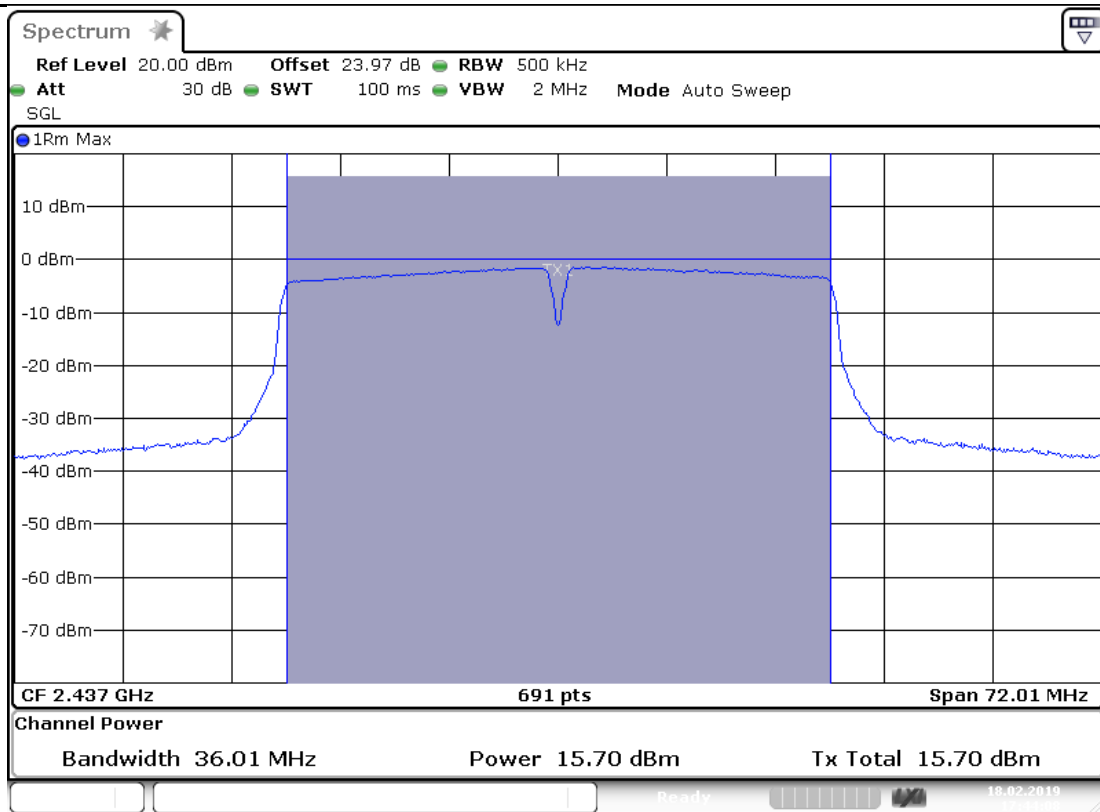
Date: 18.FEB.2019 17:35:26

Maximum conducted (average) output power_11N40SISO_2422



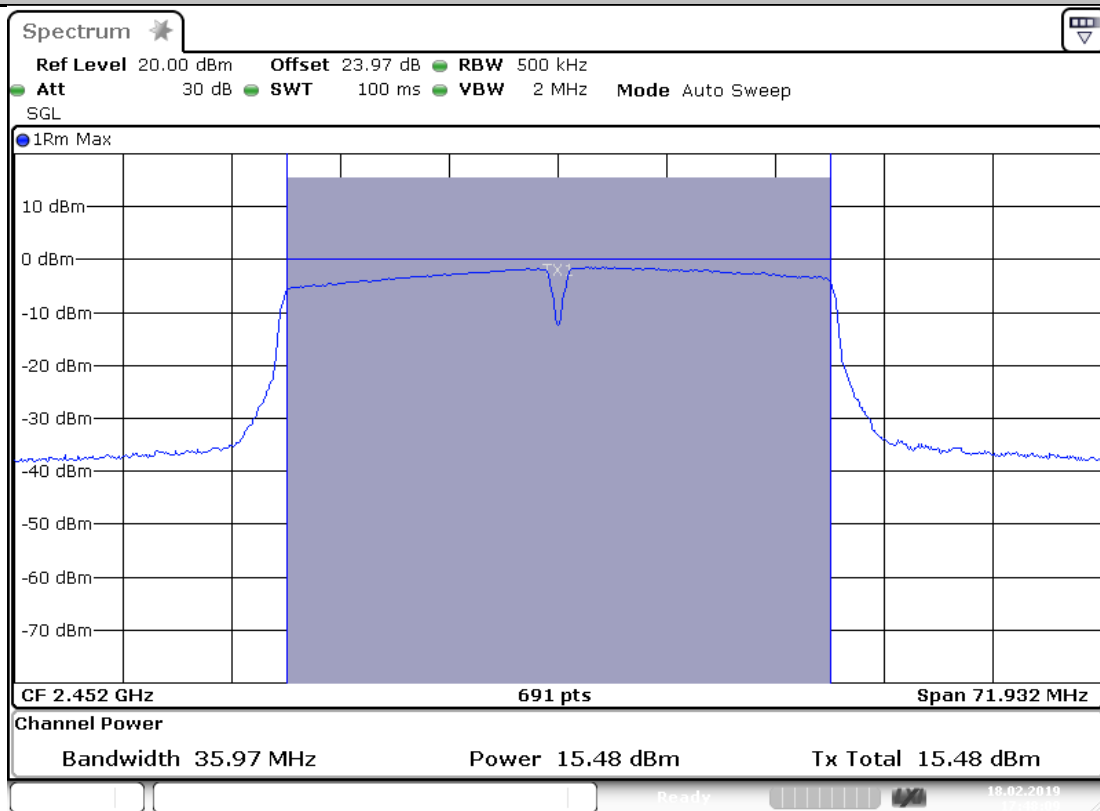
Date: 18.FEB.2019 17:39:52

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

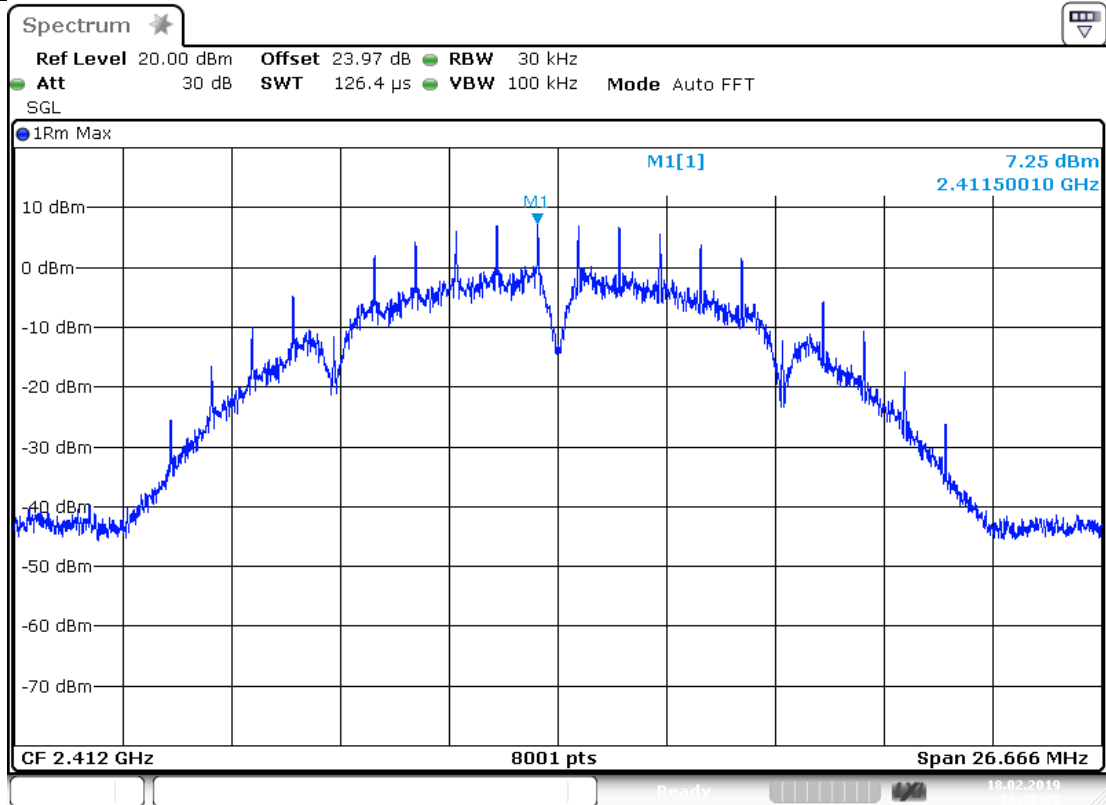
4.Maximum(average) power spectral density

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

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

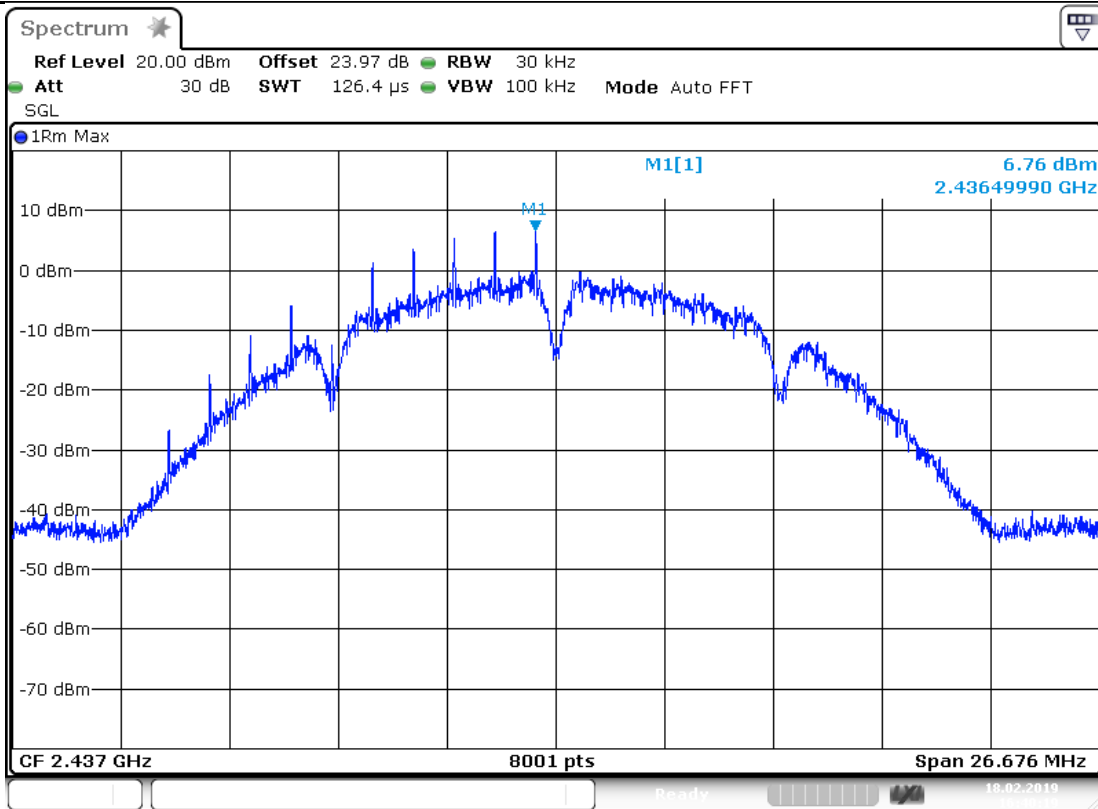
TEST PLOT

Maximum(average) power spectral density_11B_2412



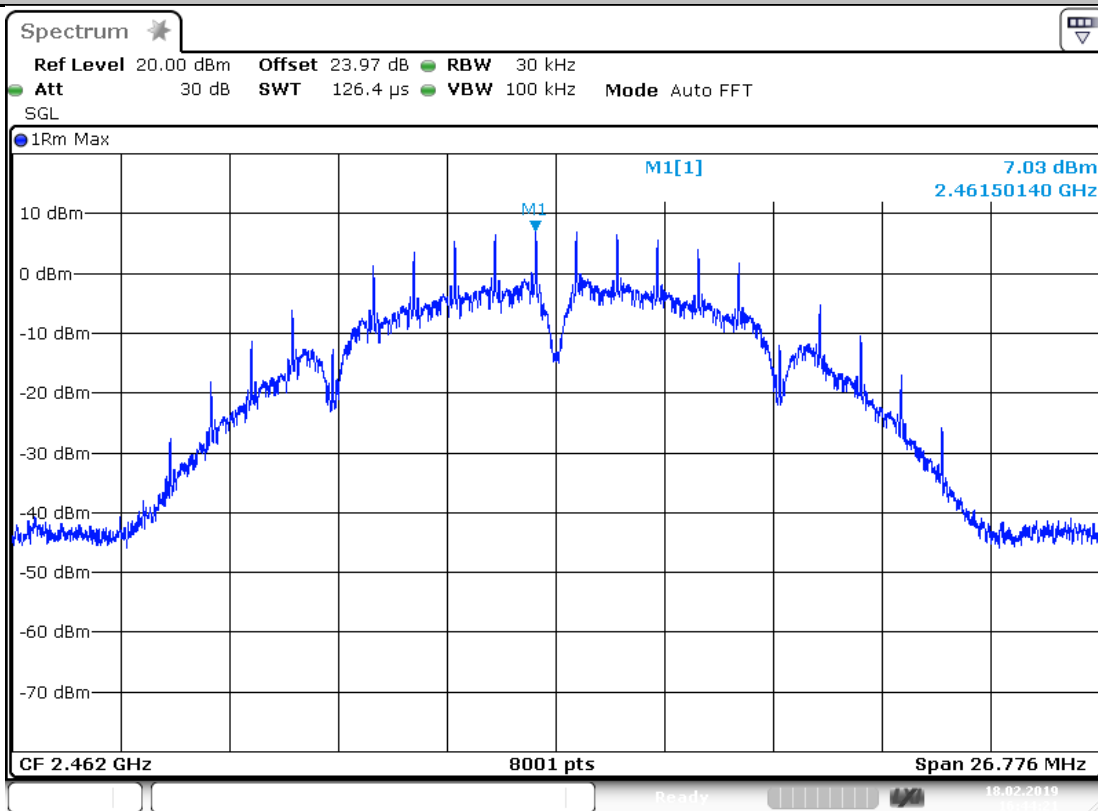
Date: 18.FEB.2019 16:36:00

Maximum(average) power spectral density_11B_2437



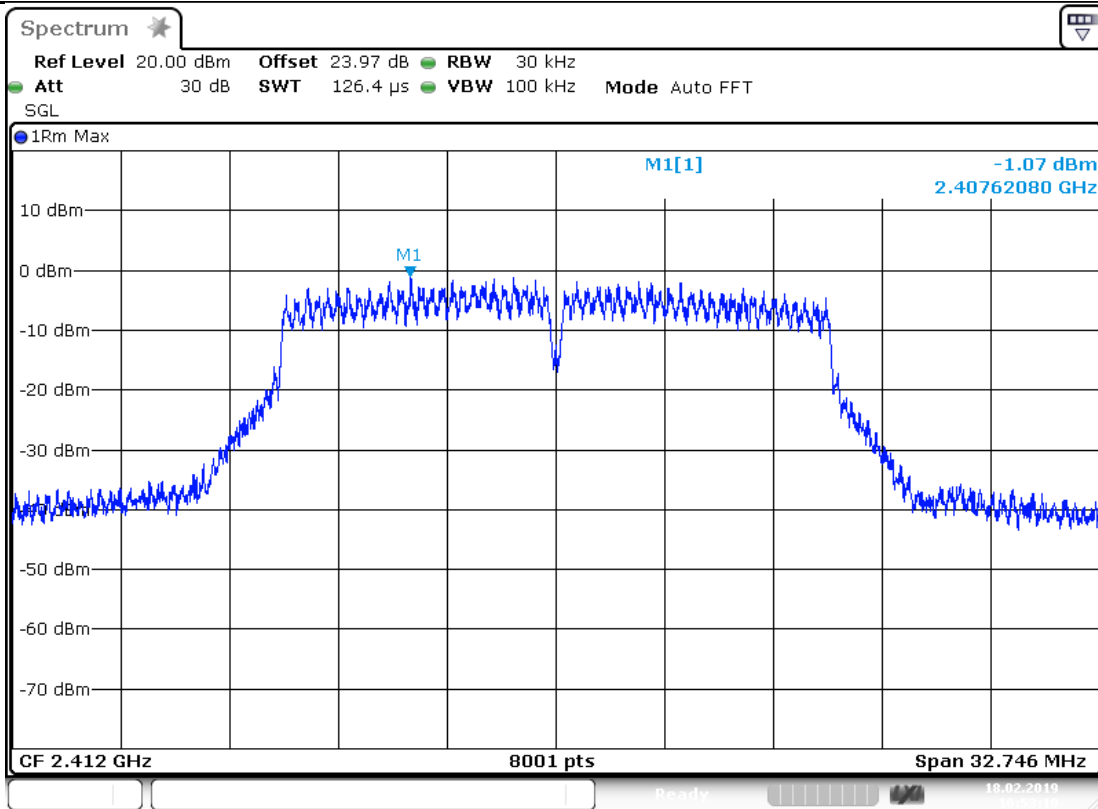
Date: 18.FEB.2019 16:40:19

Maximum(average) power spectral density_11B_2462



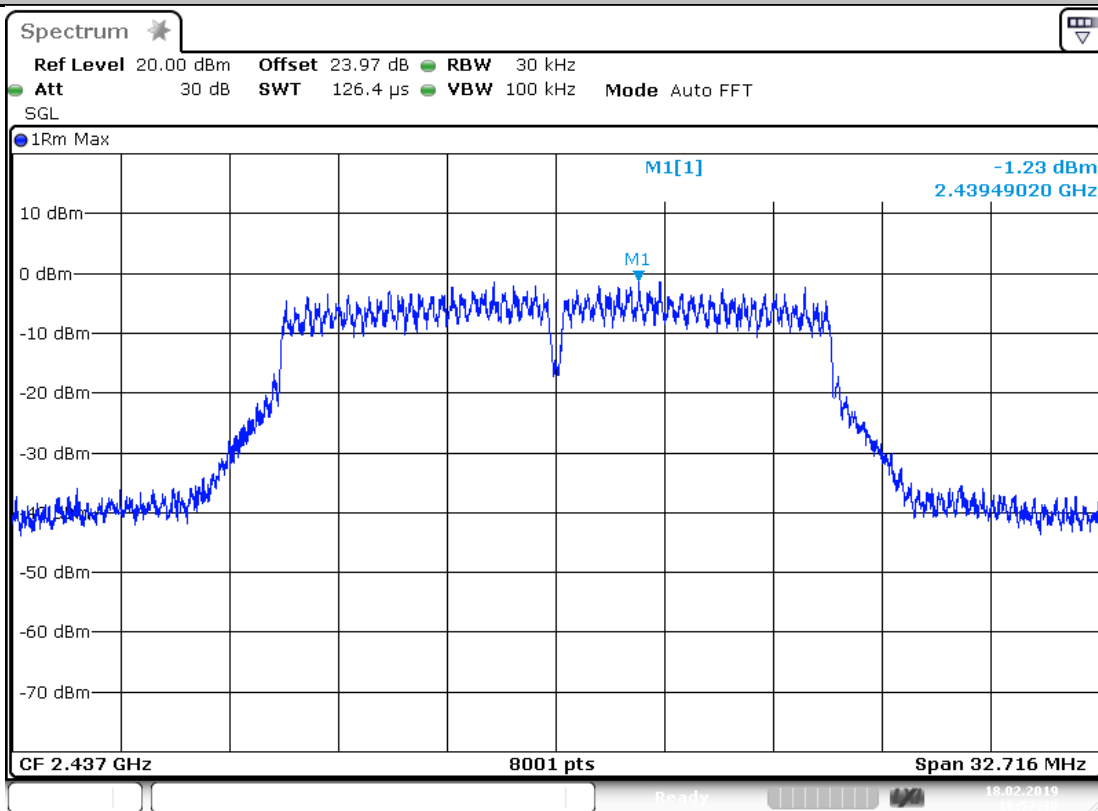
Date: 18.FEB.2019 16:44:20

Maximum(average) power spectral density_11G_2412



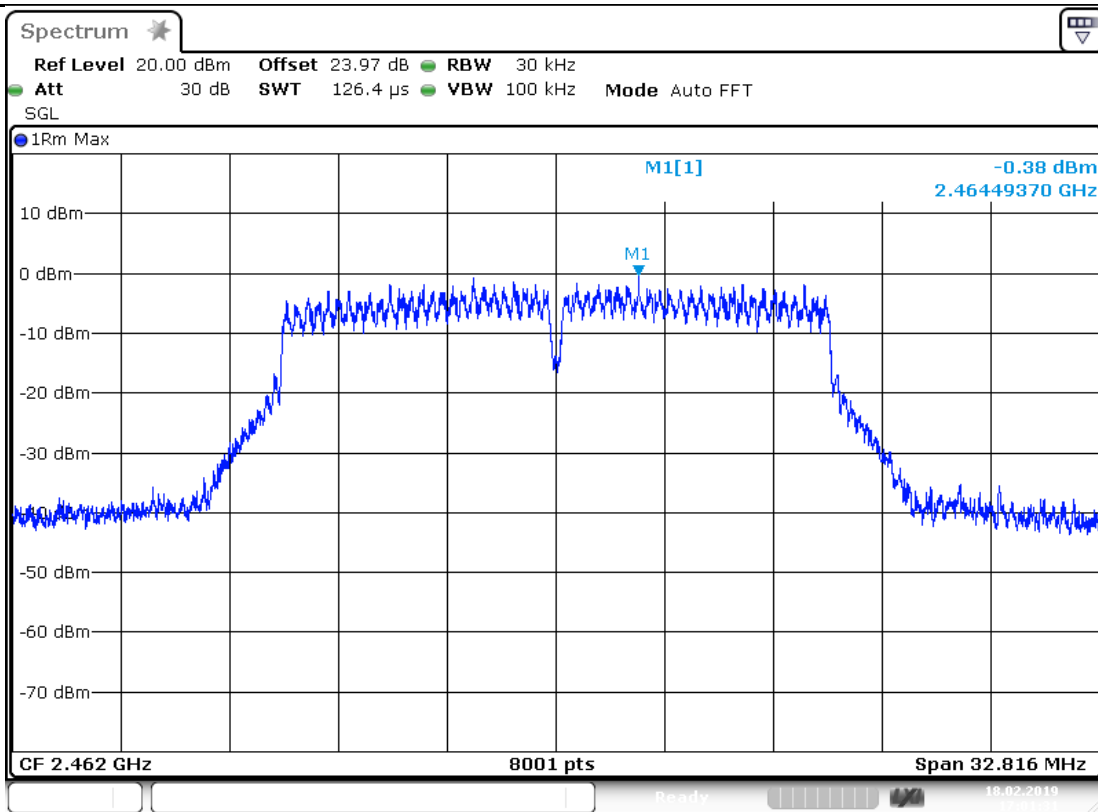
Date: 18.FEB.2019 16:53:11

Maximum(average) power spectral density_11G_2437



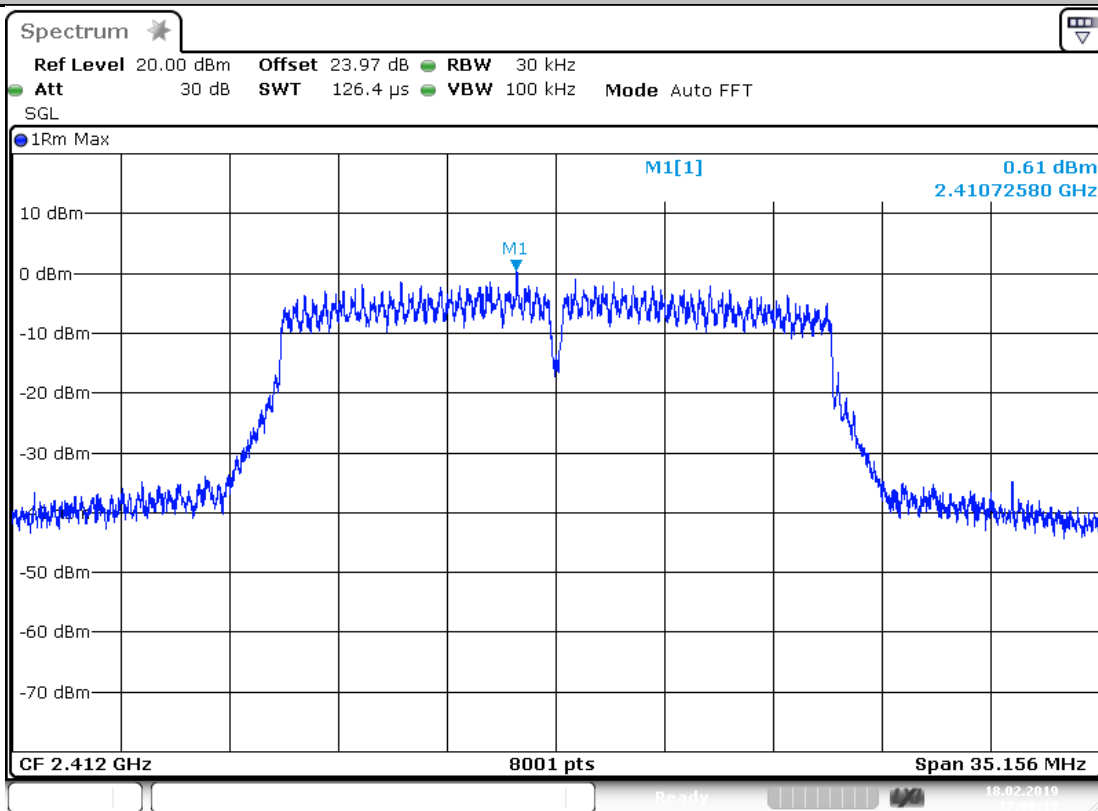
Date: 18.FEB.2019 16:57:30

Maximum(average) power spectral density_11G_2462



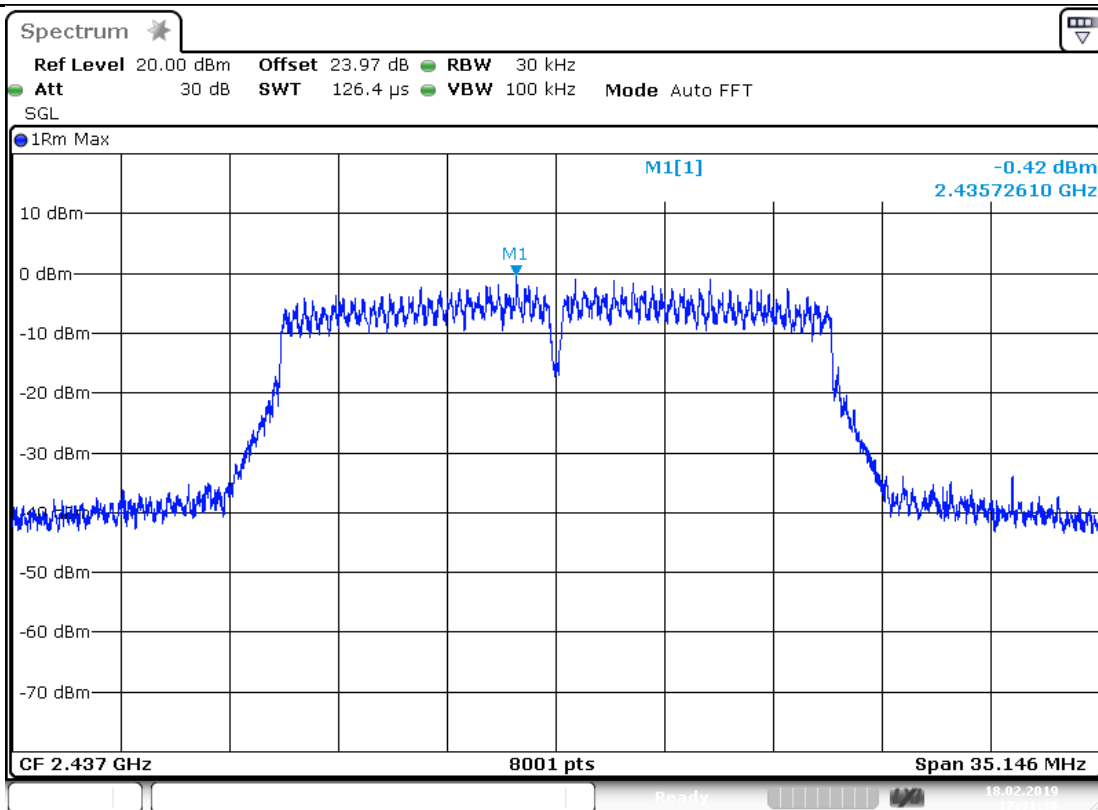
Date: 18.FEB.2019 17:01:32

Maximum(average) power spectral density_11N20SISO_2412



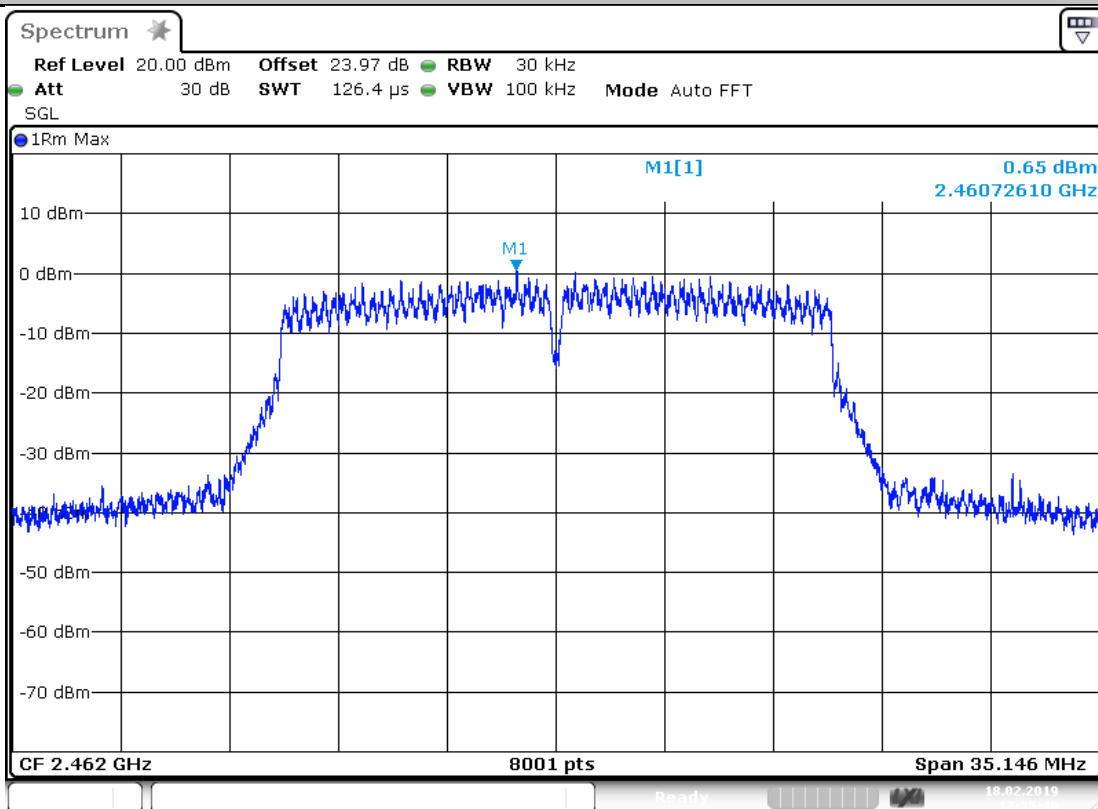
Date: 18.FEB.2019 17:06:13

Maximum(average) power spectral density_11N20SISO_2437



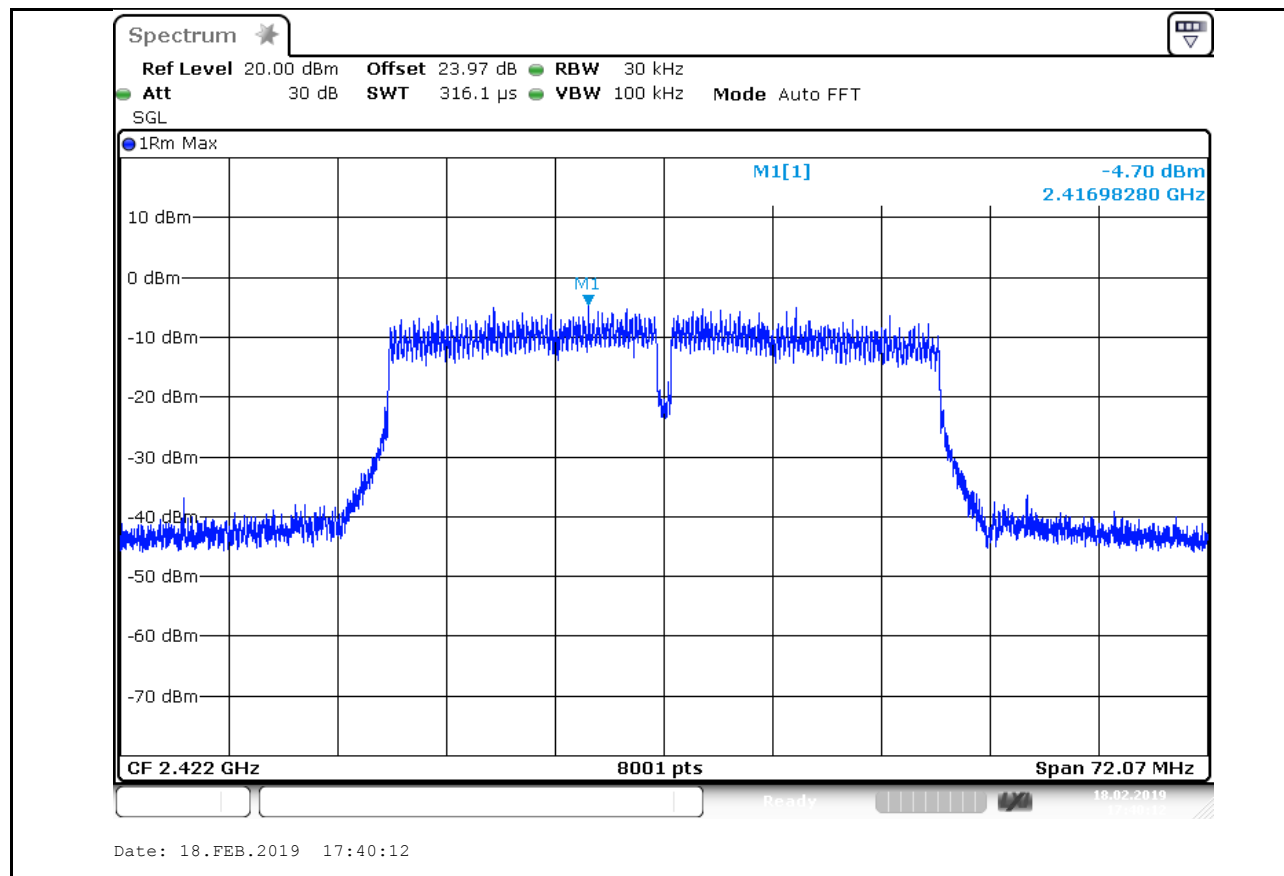
Date: 18.FEB.2019 17:31:36

Maximum(average) power spectral density_11N20SISO_2462

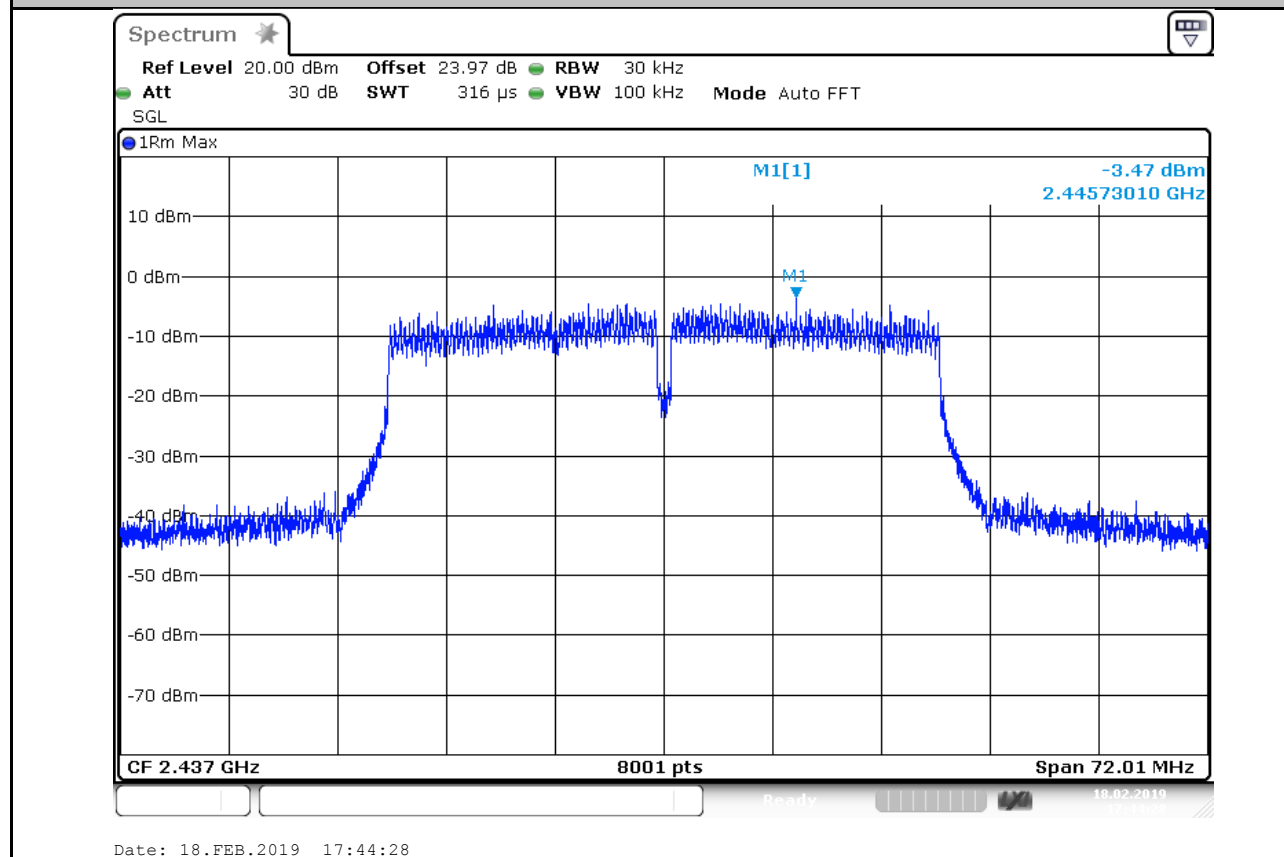


Date: 18.FEB.2019 17:35:46

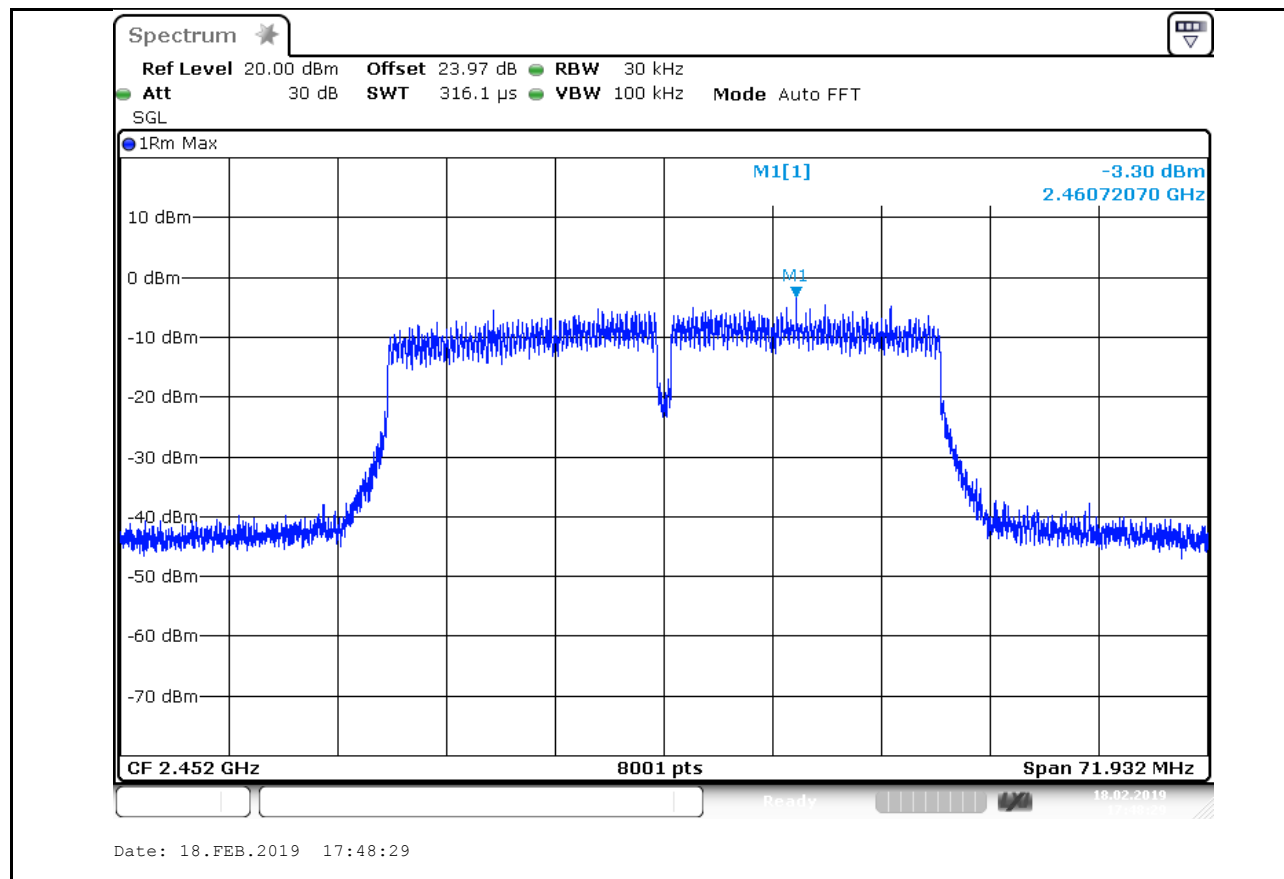
Maximum(average) power spectral density_11N40SISO_2422



Maximum(average) power spectral density_11N40SISO_2437



Maximum(average) power spectral density_11N40SISO_2452

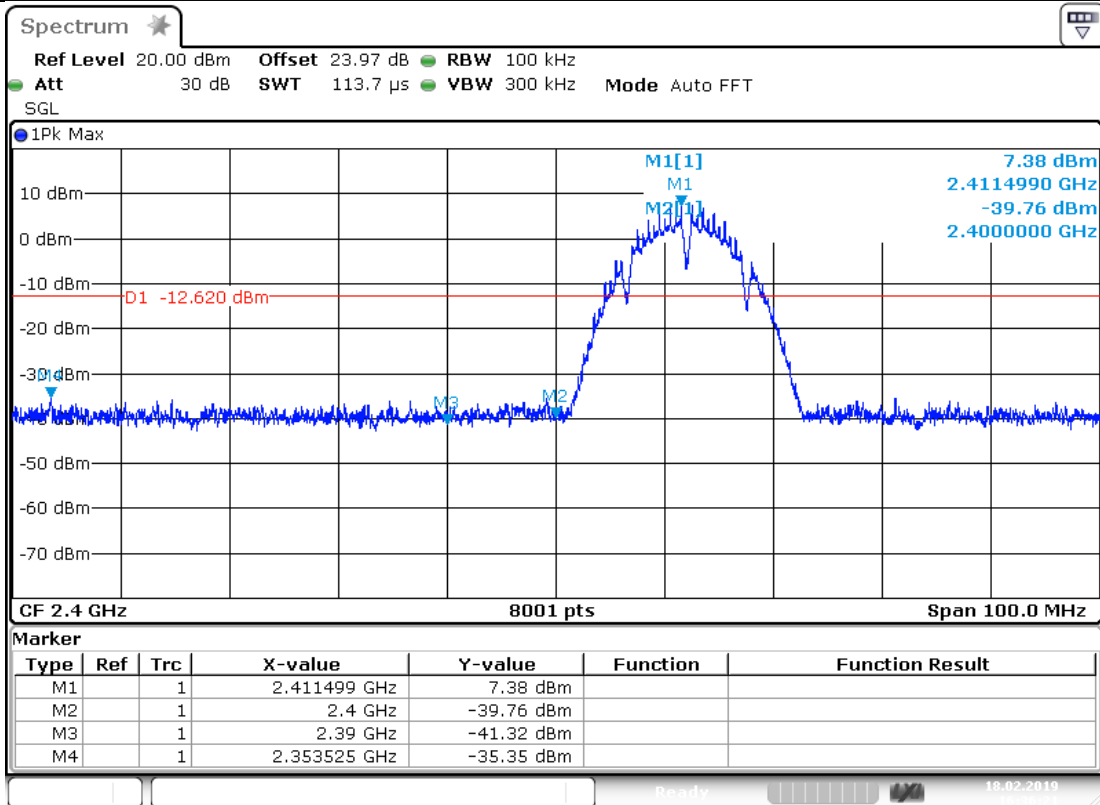


5.Band-edge for RF Conducted Emissions

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

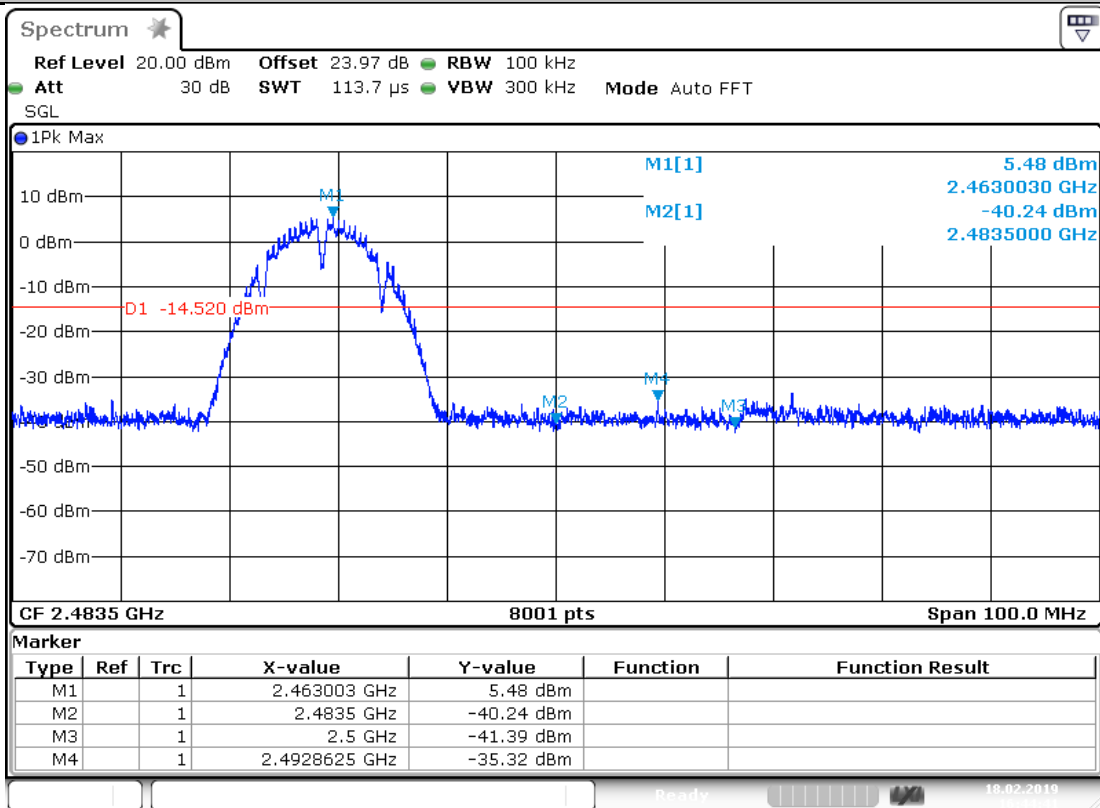
TEST PLOT

Band-edge for RF Conducted Emissions_11B_2412_Hopping Off



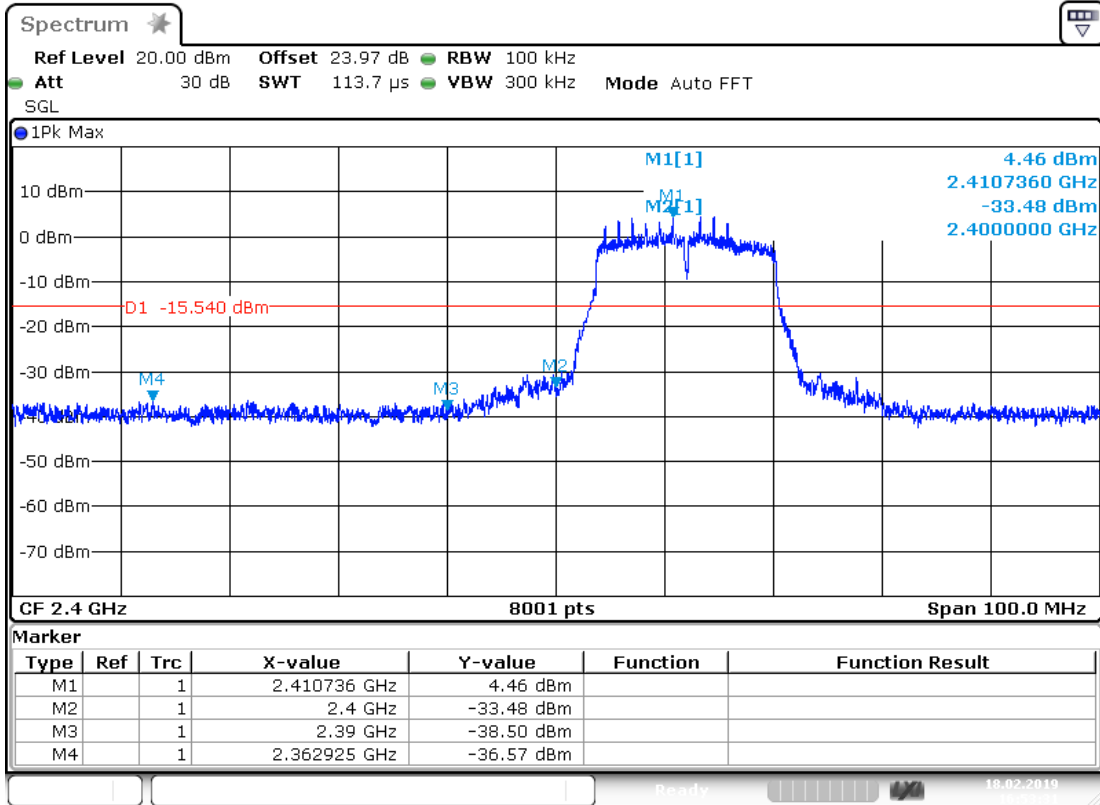
Date: 18.FEB.2019 16:36:21

Band-edge for RF Conducted Emissions_11B_2462_Hopping Off



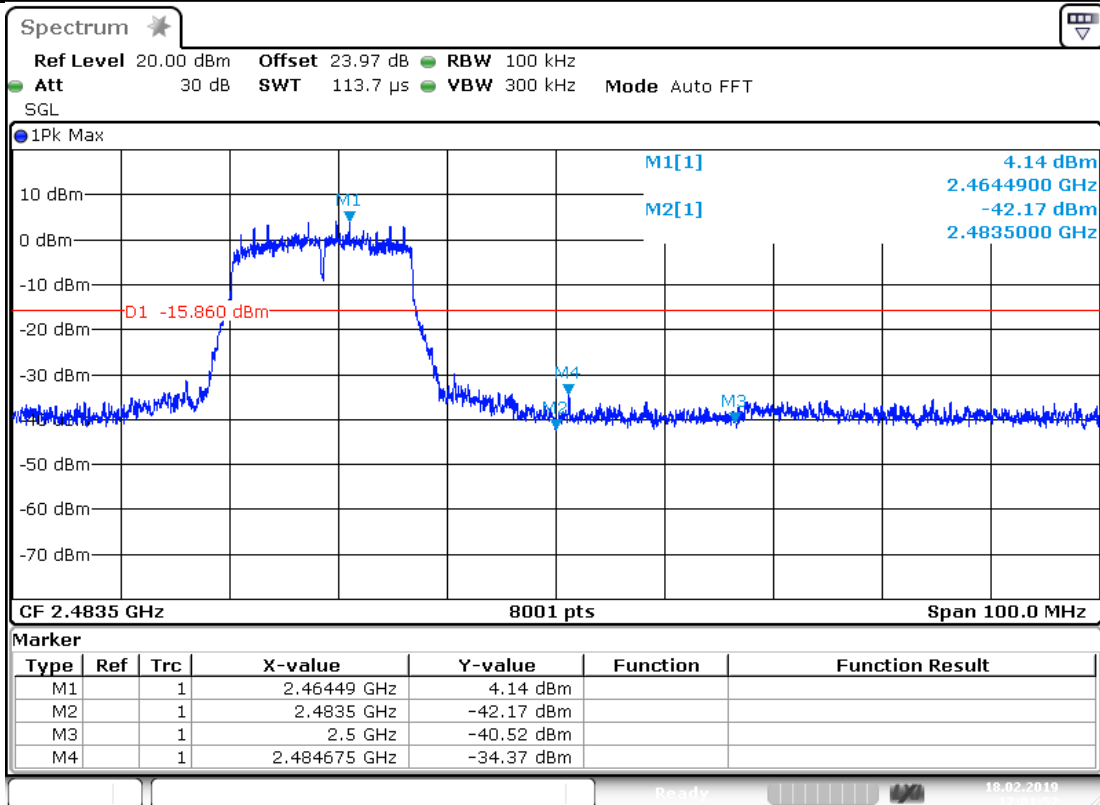
Date: 18.FEB.2019 16:44:40

Band-edge for RF Conducted Emissions_11G_2412_Hopping Off



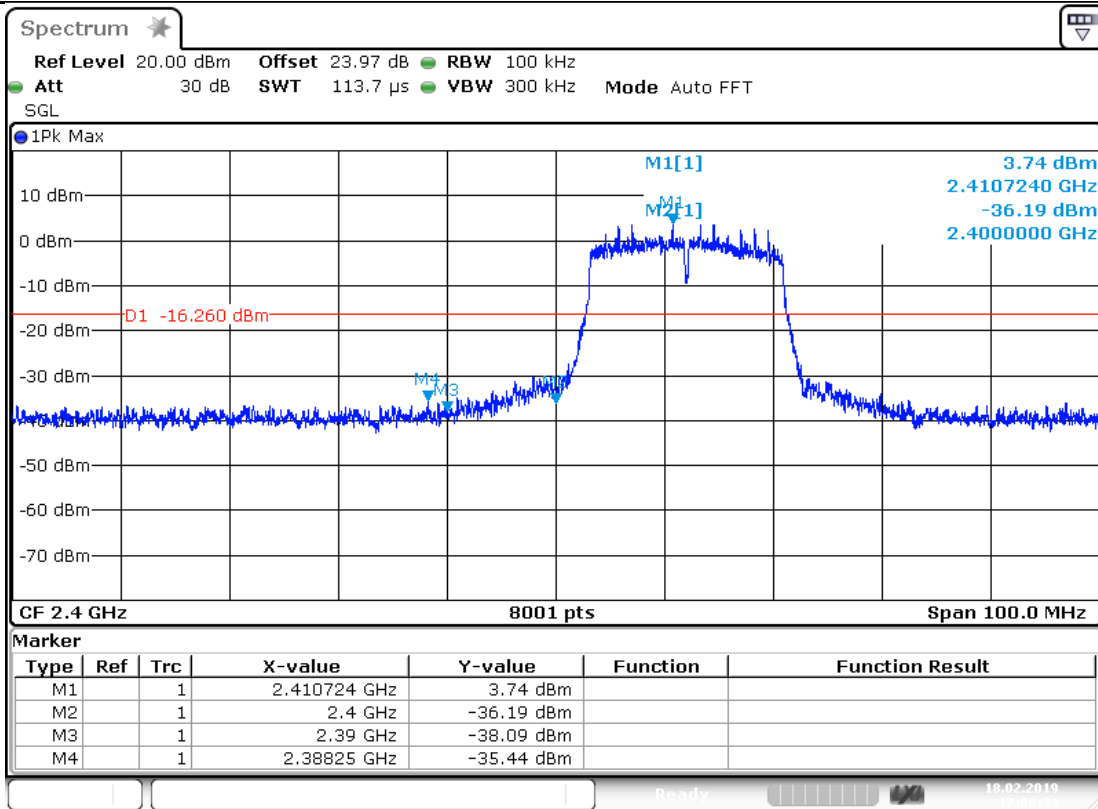
Date: 18.FEB.2019 16:53:31

Band-edge for RF Conducted Emissions_11G_2462_Hopping Off



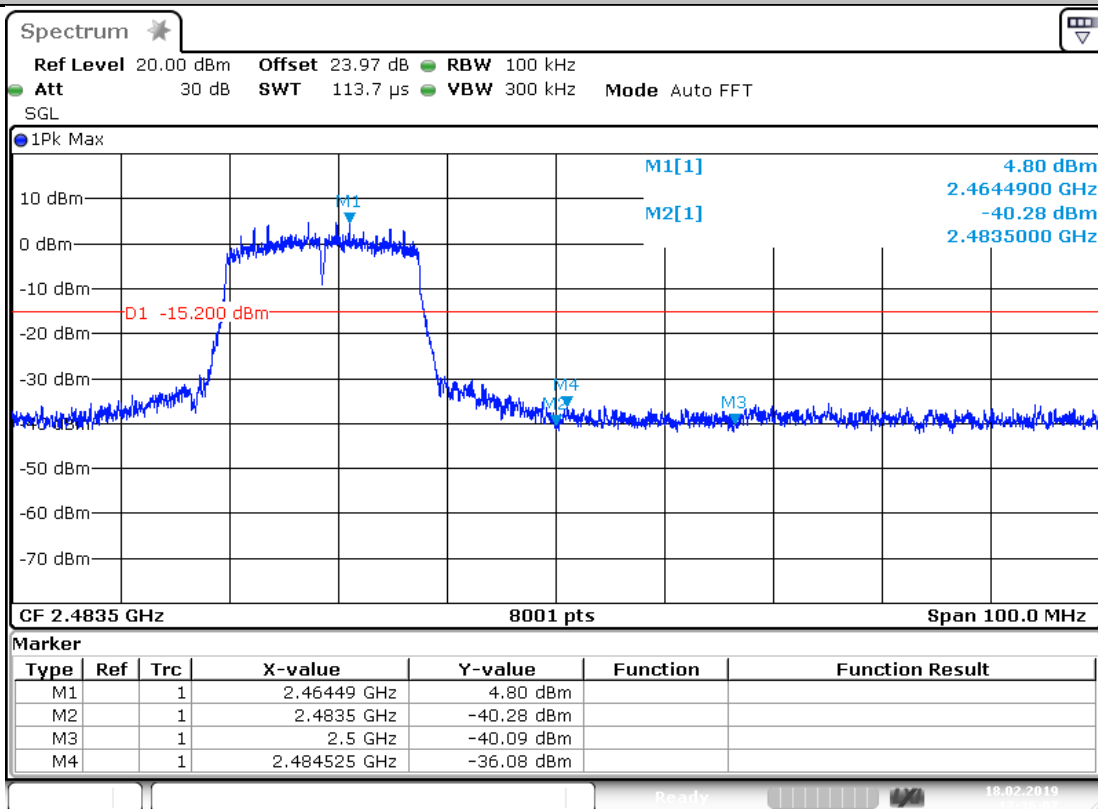
Date: 18.FEB.2019 17:01:52

Band-edge for RF Conducted Emissions_11N20SISO_2412_Hopping Off



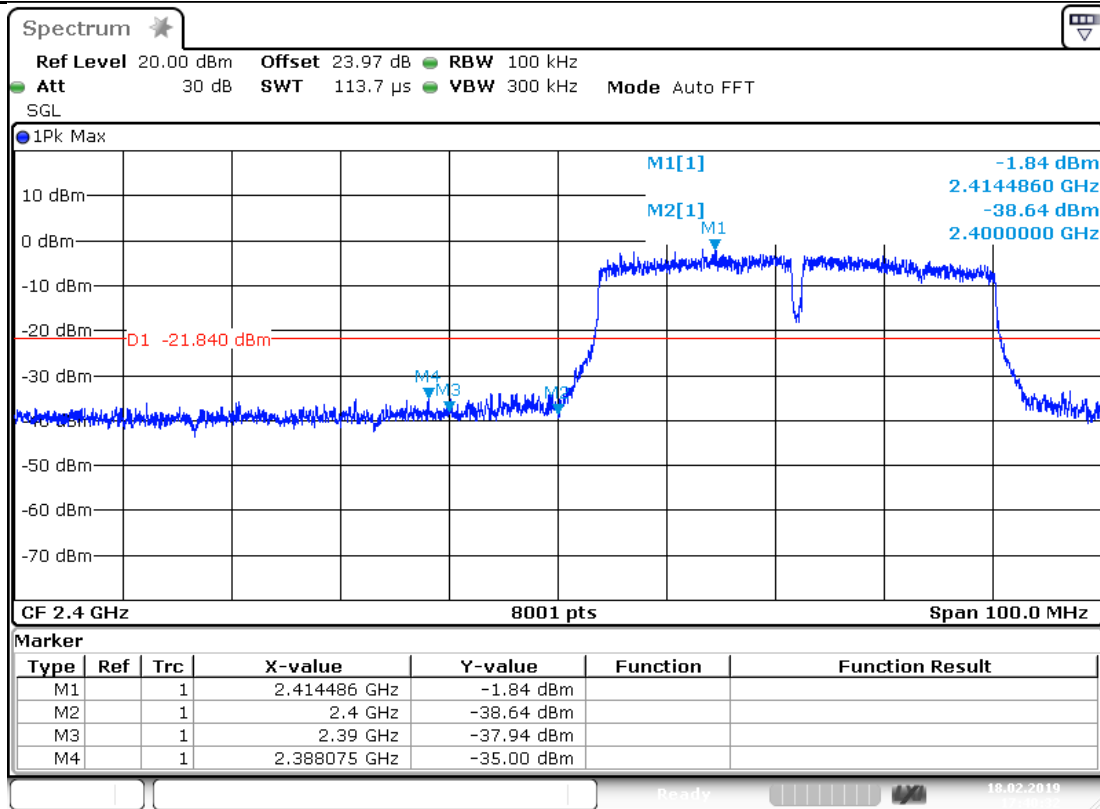
Date: 18.FEB.2019 17:06:33

Band-edge for RF Conducted Emissions_11N20SISO_2462_Hopping Off



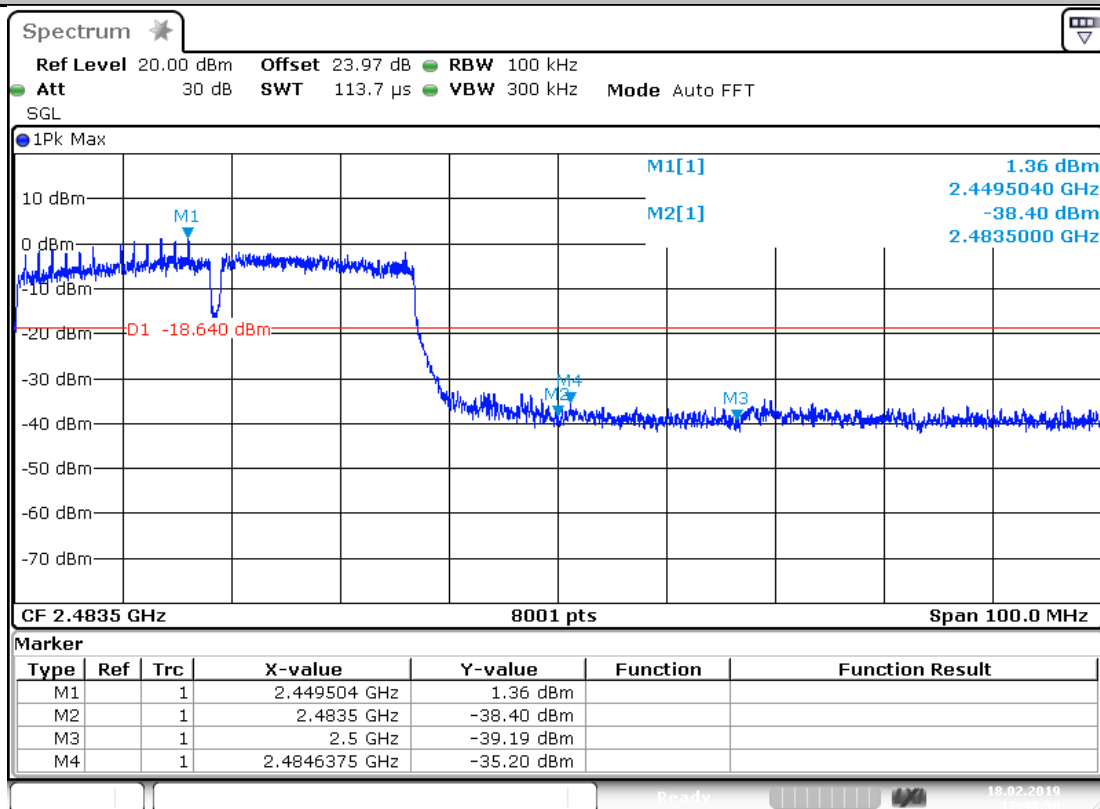
Date: 18.FEB.2019 17:36:06

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



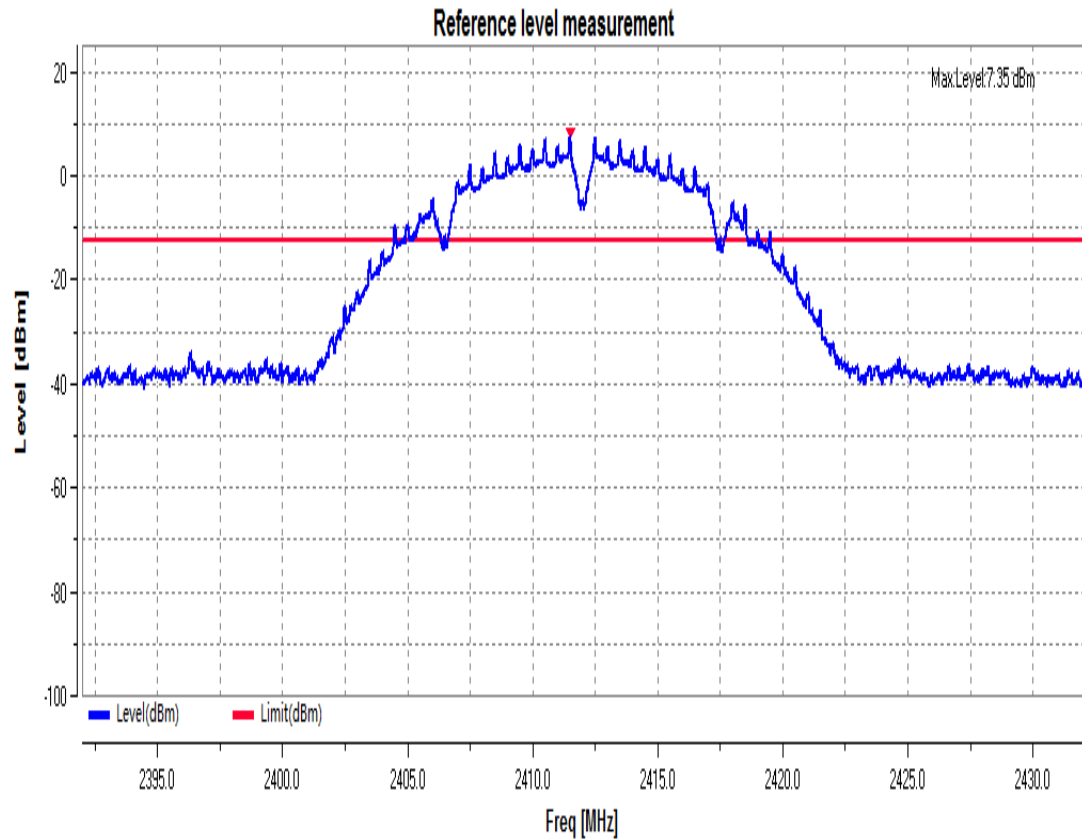
Date: 18.FEB.2019 17:48:49

6.RF Conducted Spurious Emissions

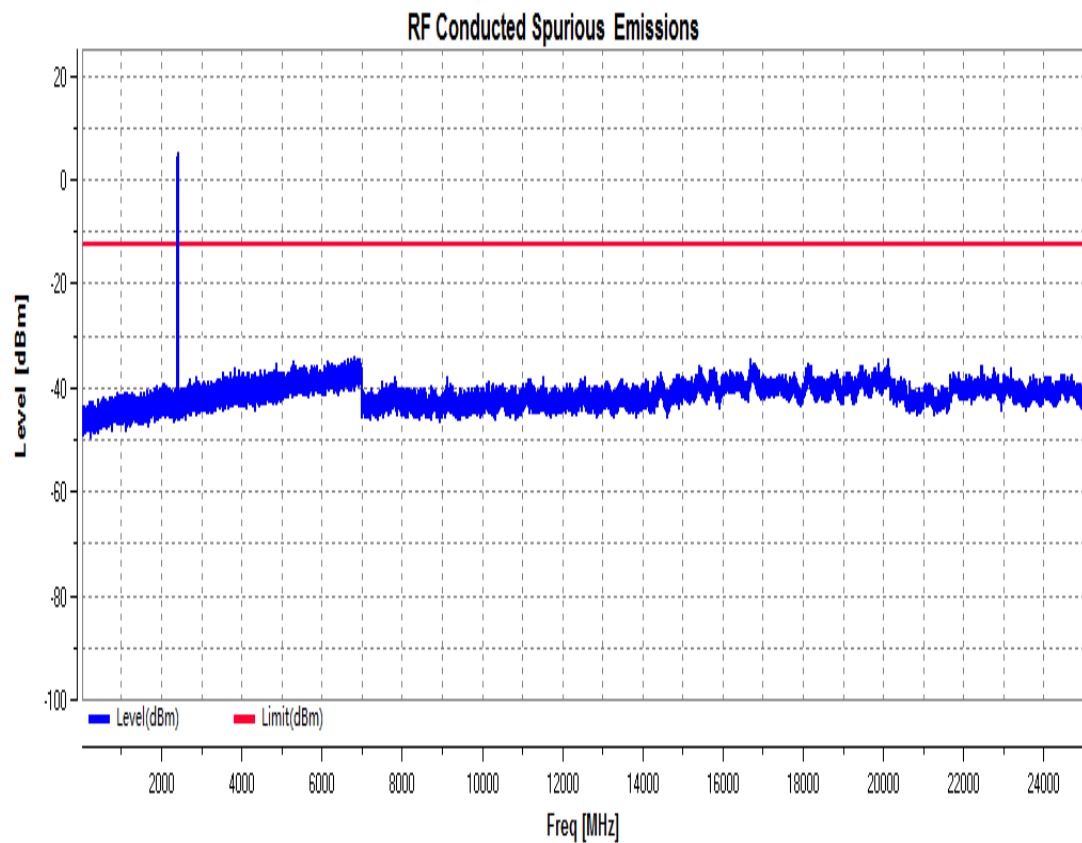
TEST PLOT

RF Conducted Spurious Emissions_11B_2412

Pref

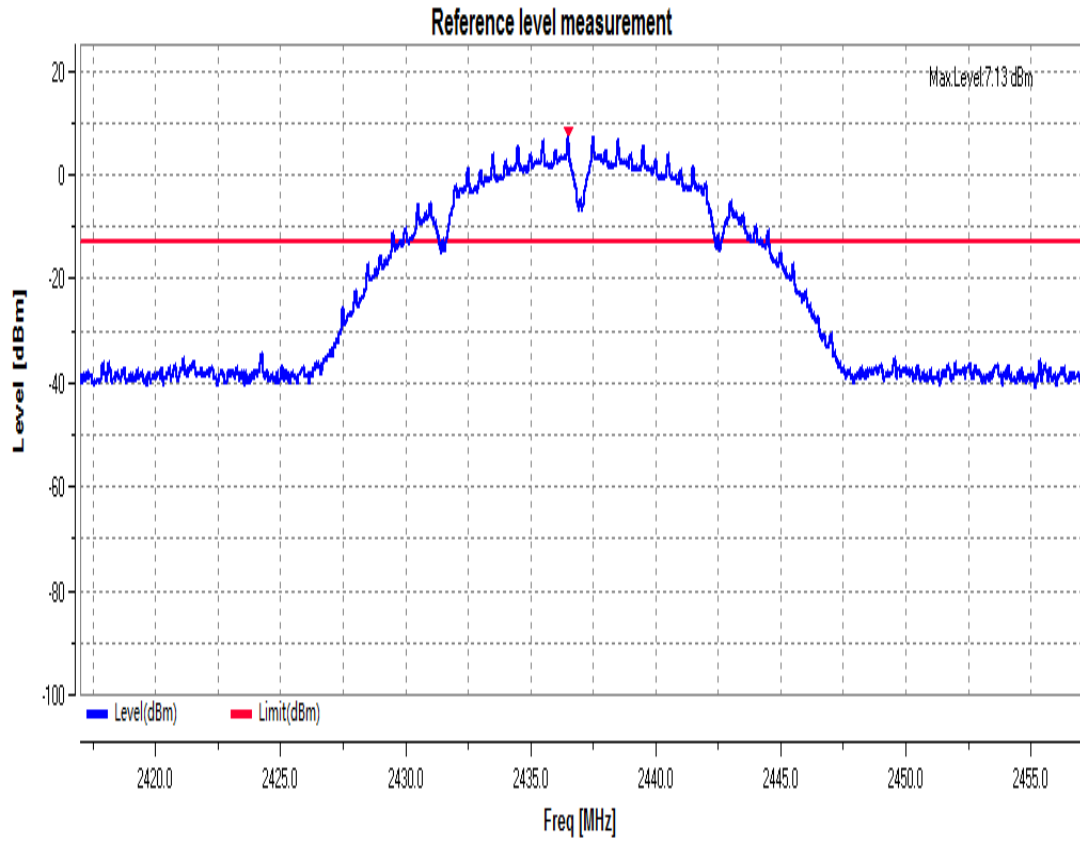


CSE_1

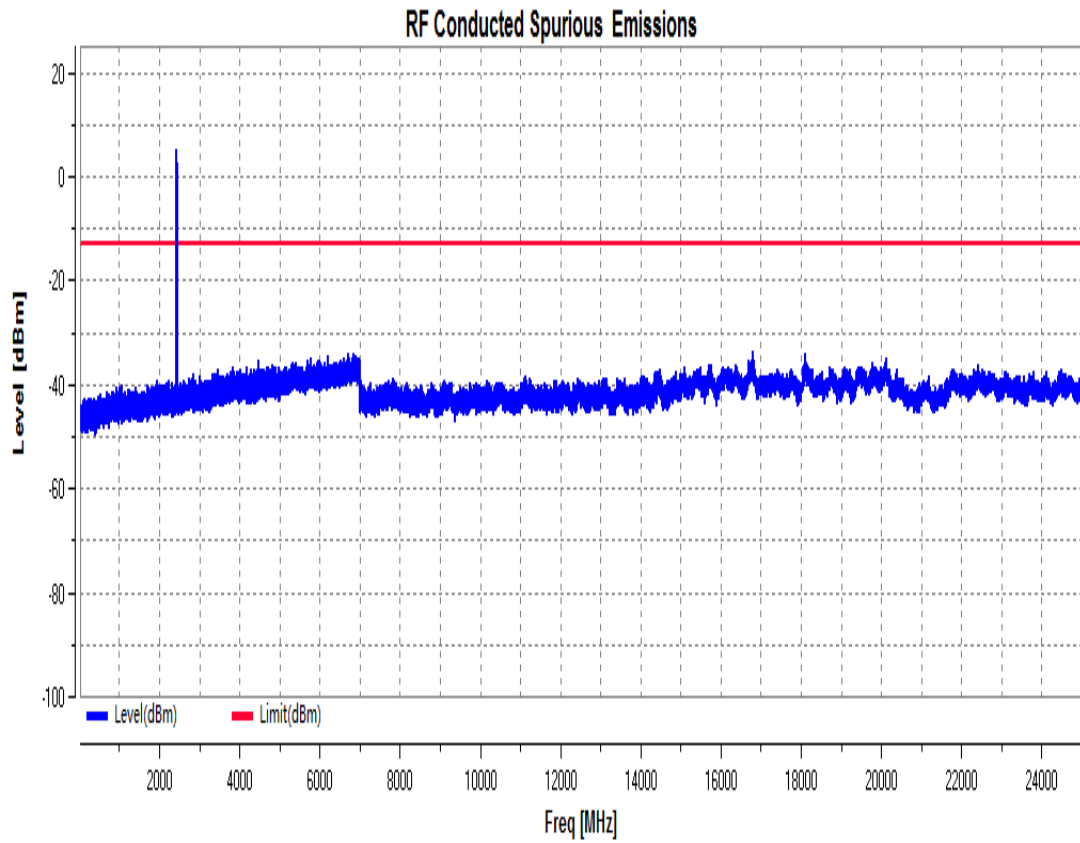


RF Conducted Spurious Emissions_11B_2437

Pref

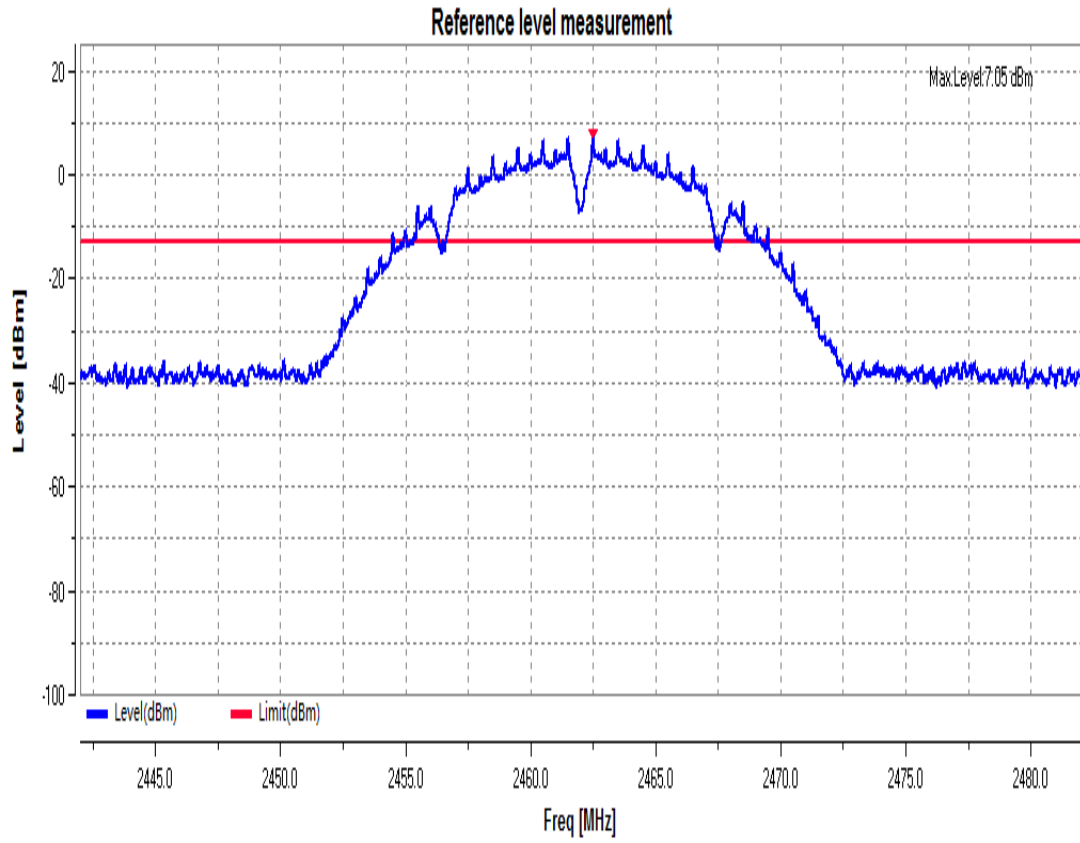


CSE_1

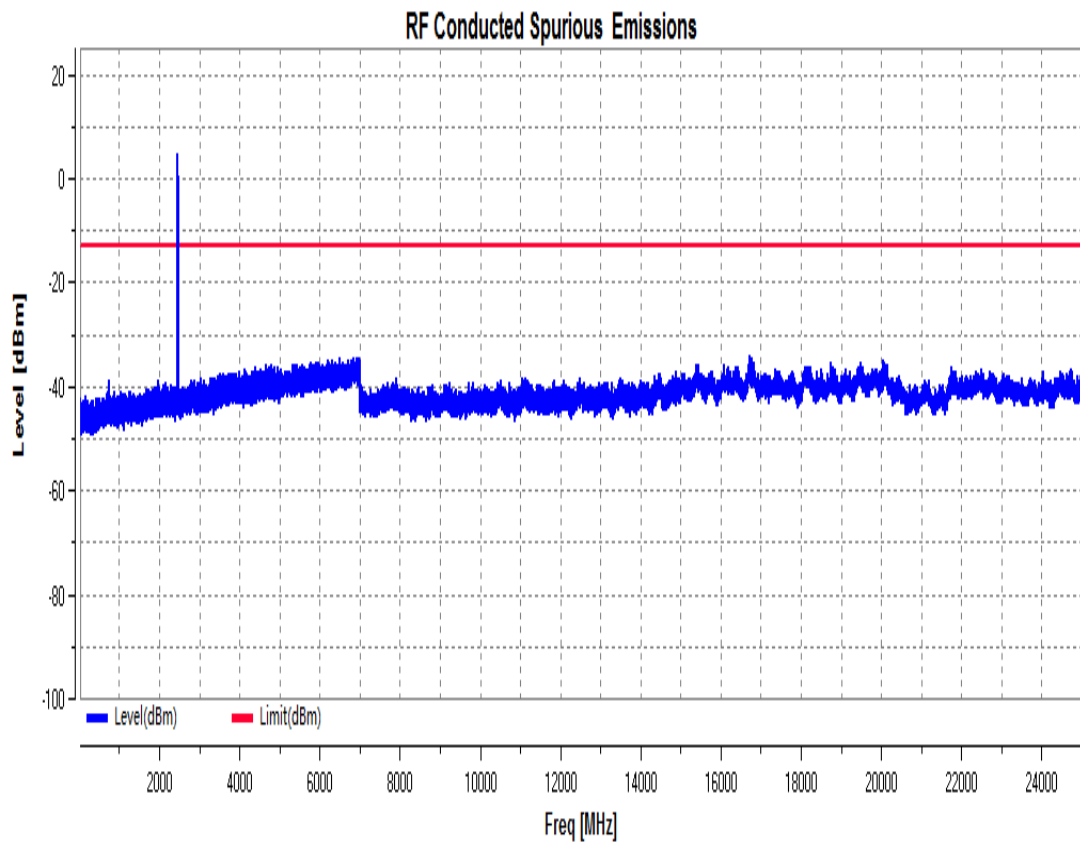


RF Conducted Spurious Emissions_11B_2462

Pref

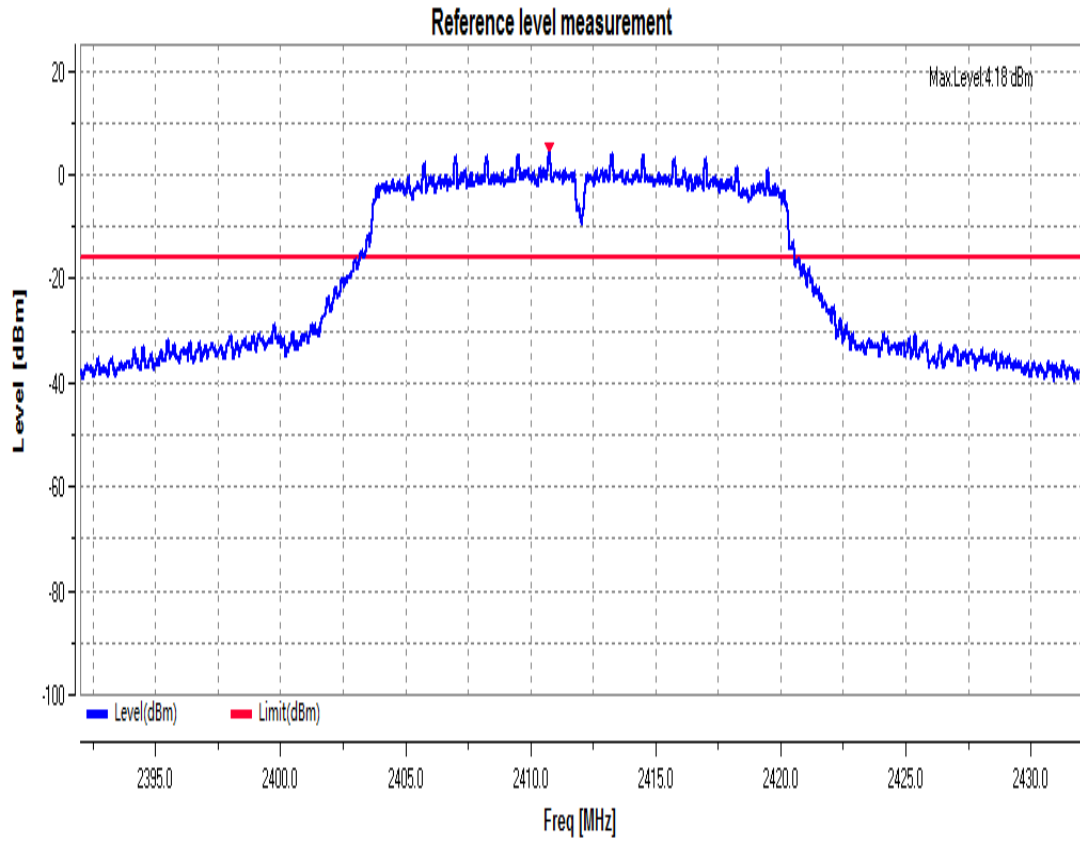


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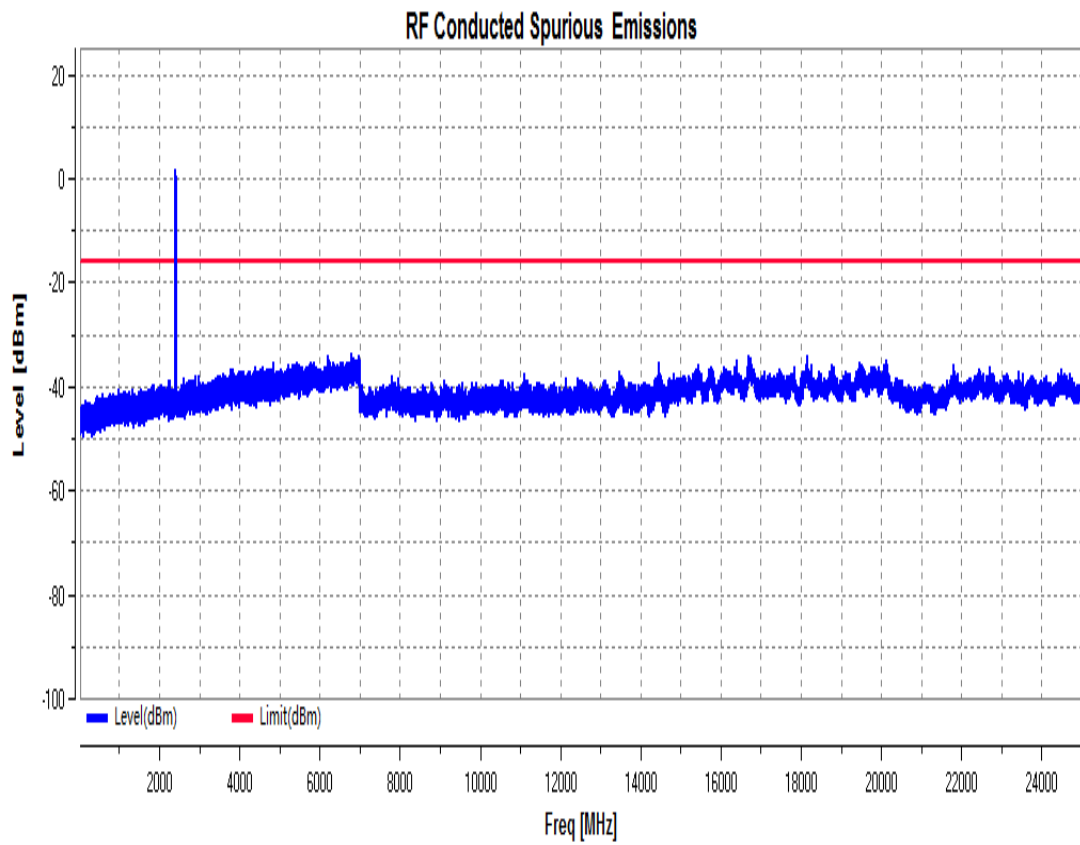


RF Conducted Spurious Emissions_11G_2412

Pref

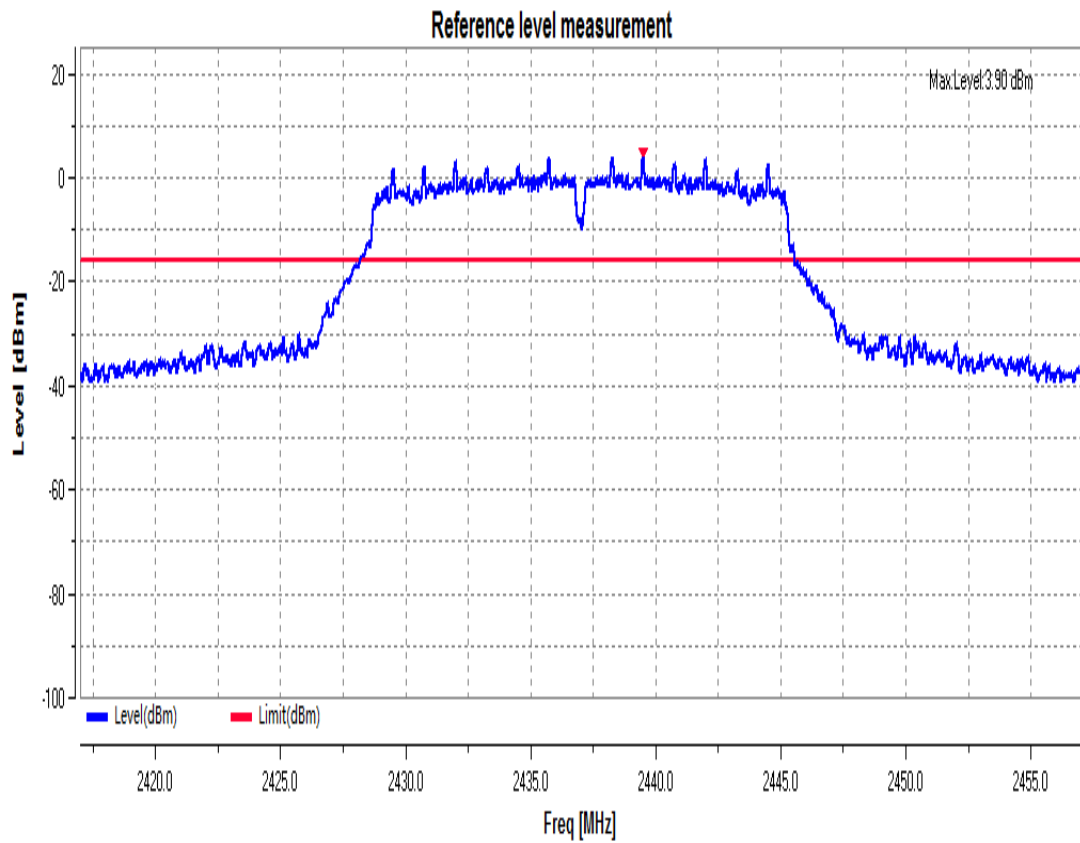


CSE_1

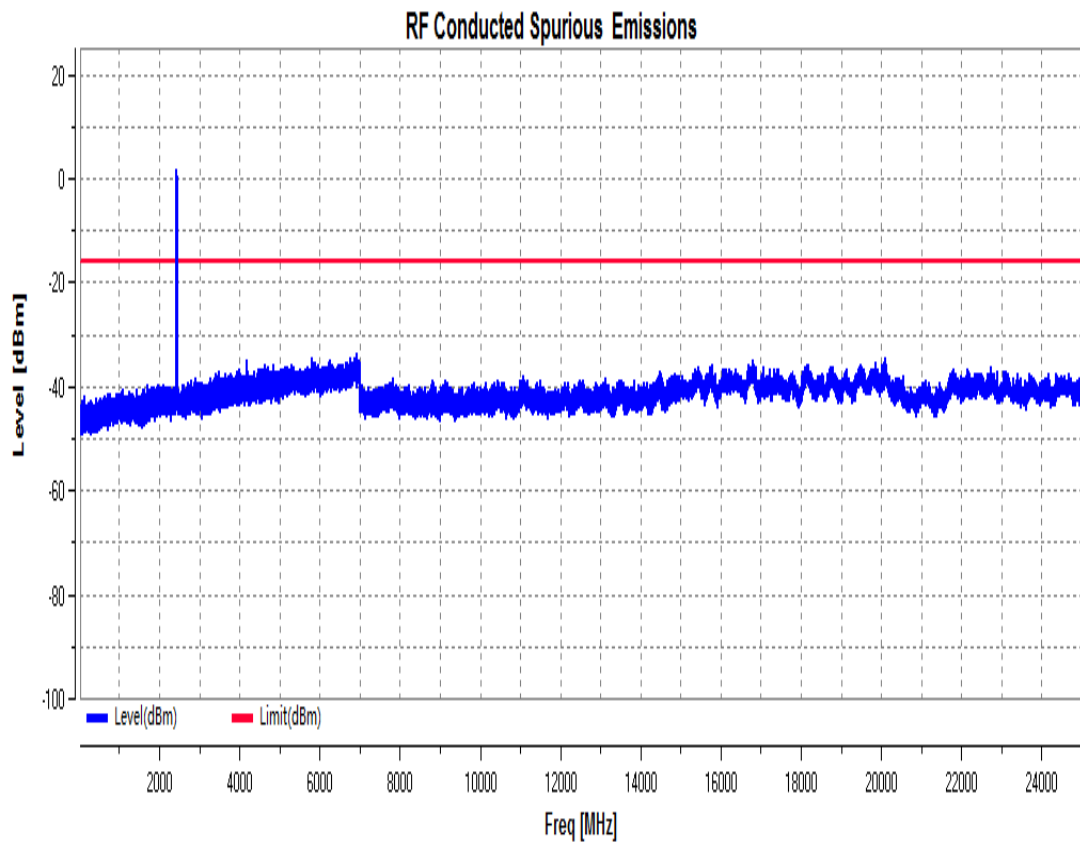


RF Conducted Spurious Emissions_11G_2437

Pref

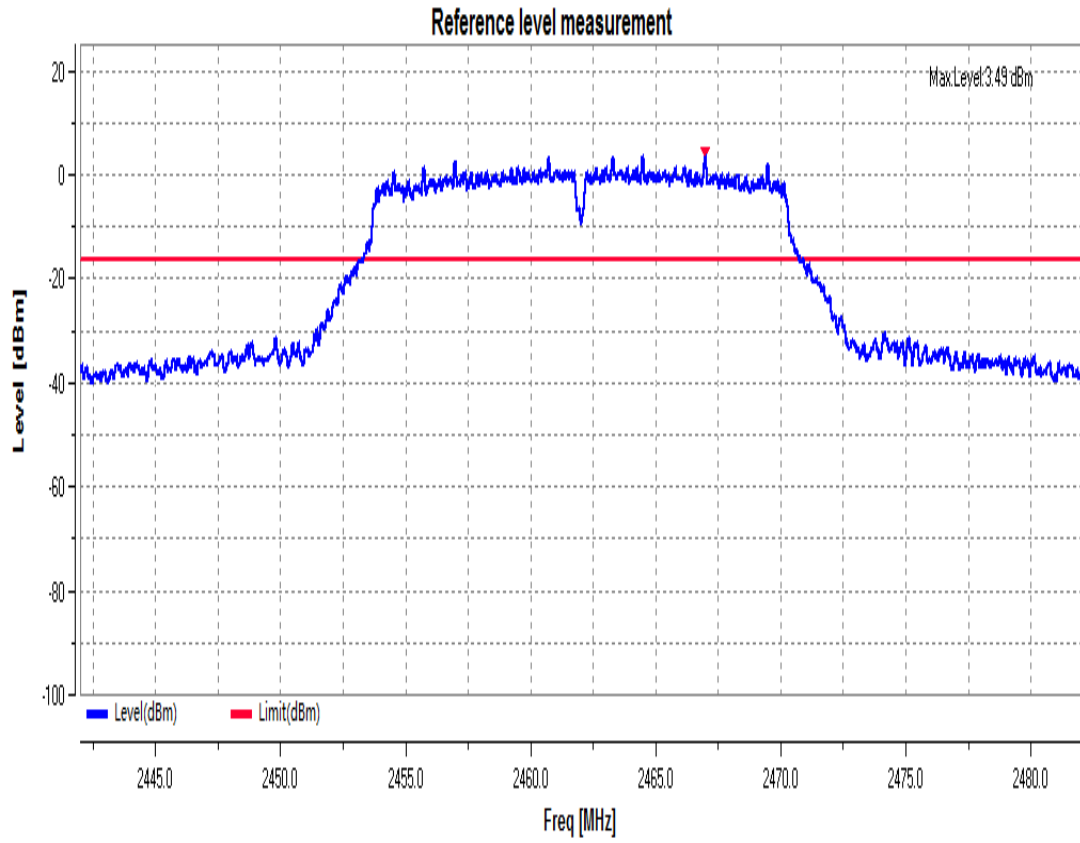


CSE_1

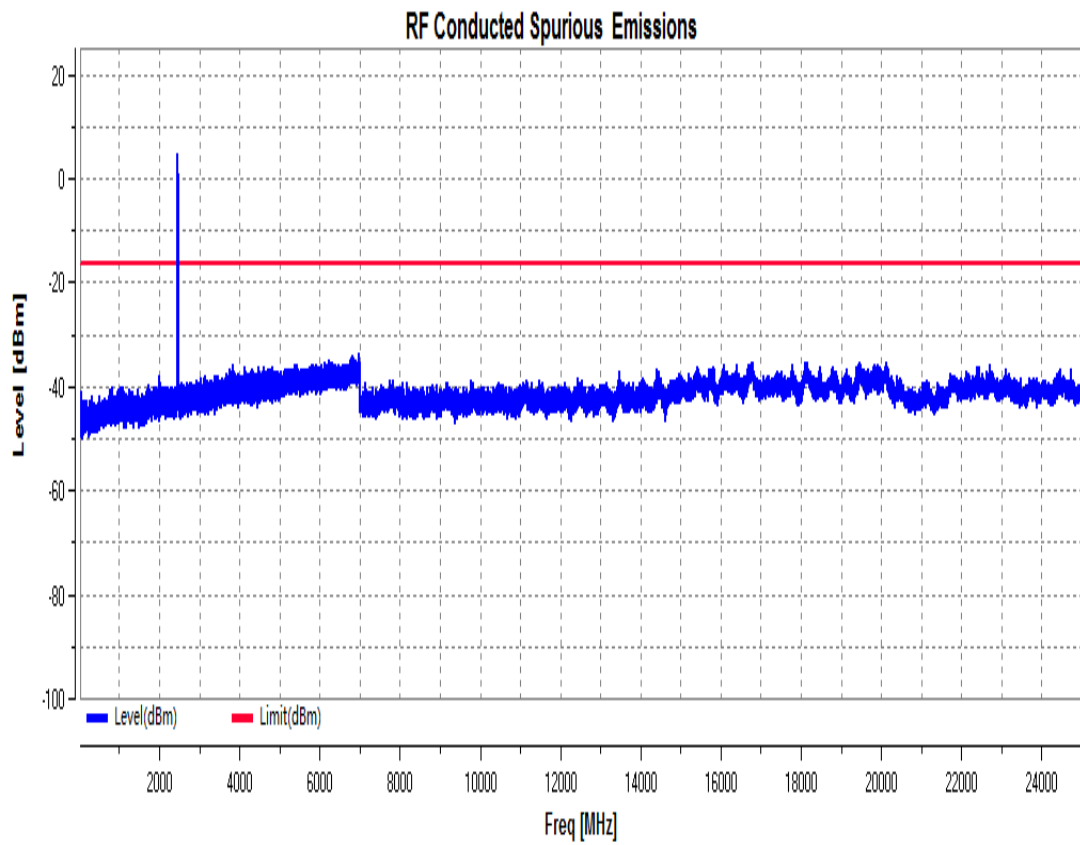


RF Conducted Spurious Emissions_11G_2462

Pref

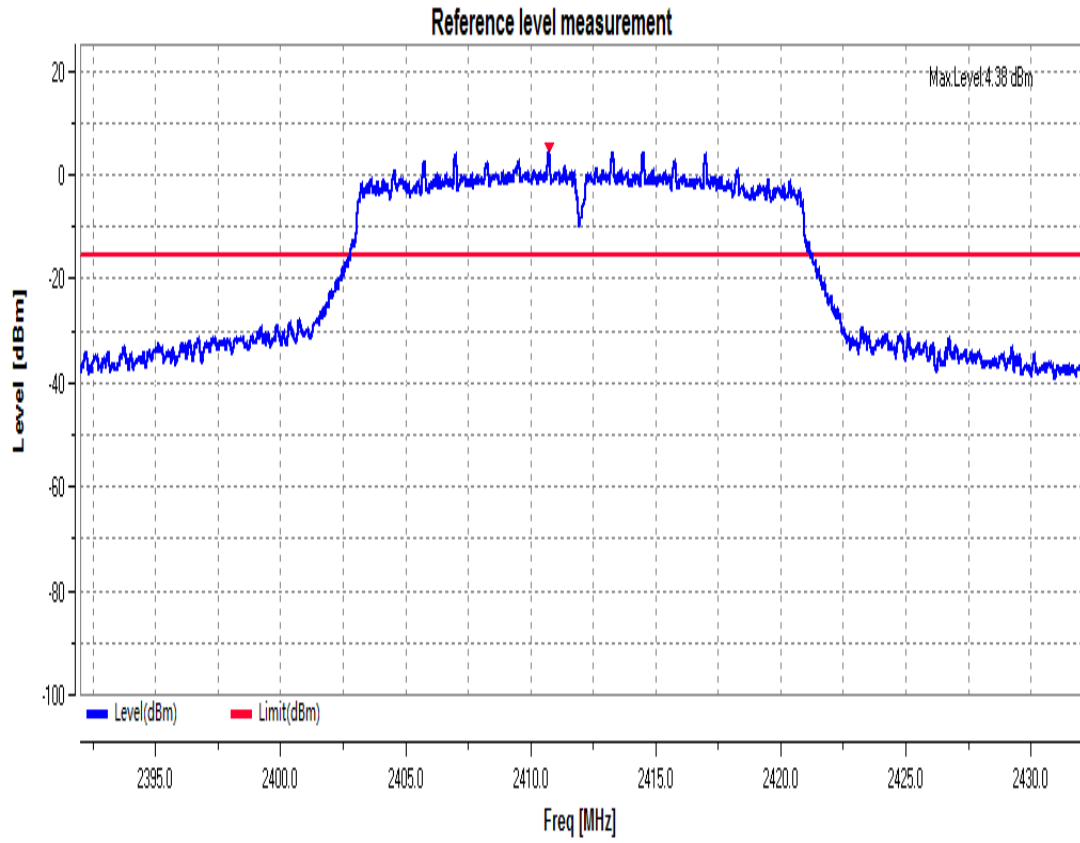


CSE_1

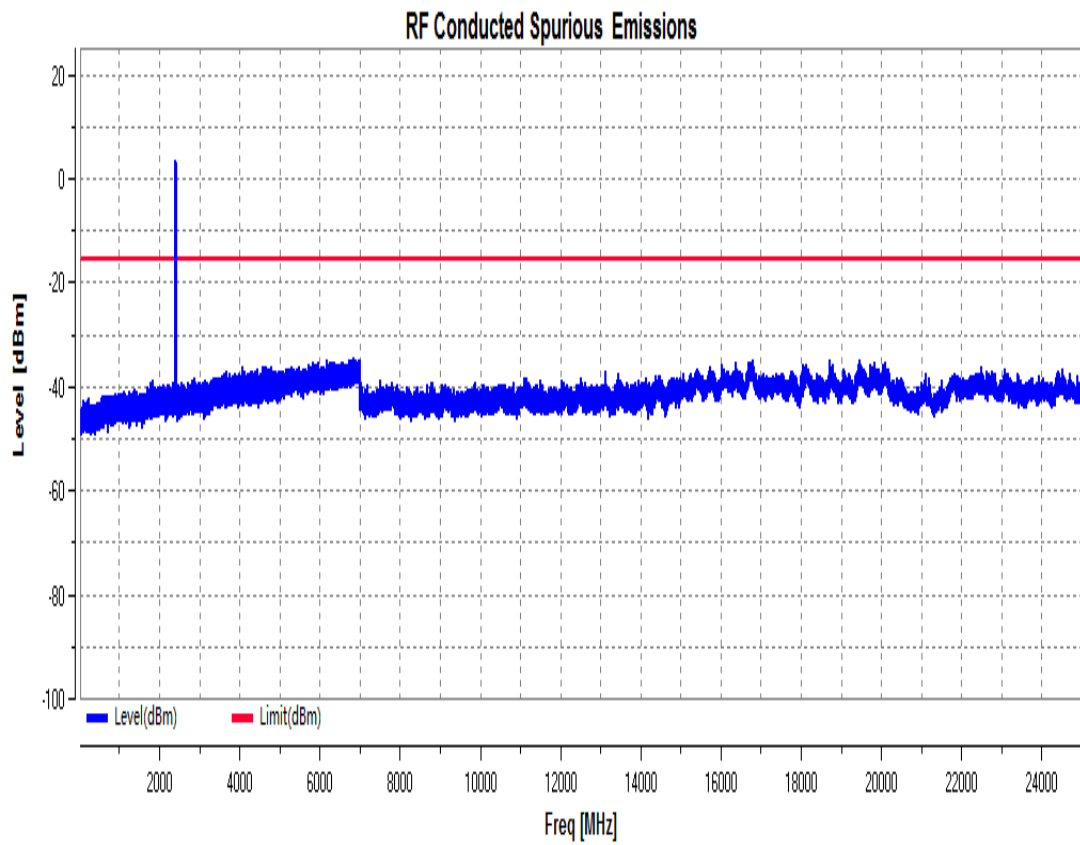


RF Conducted Spurious Emissions_11N20SISO_2412

Pref

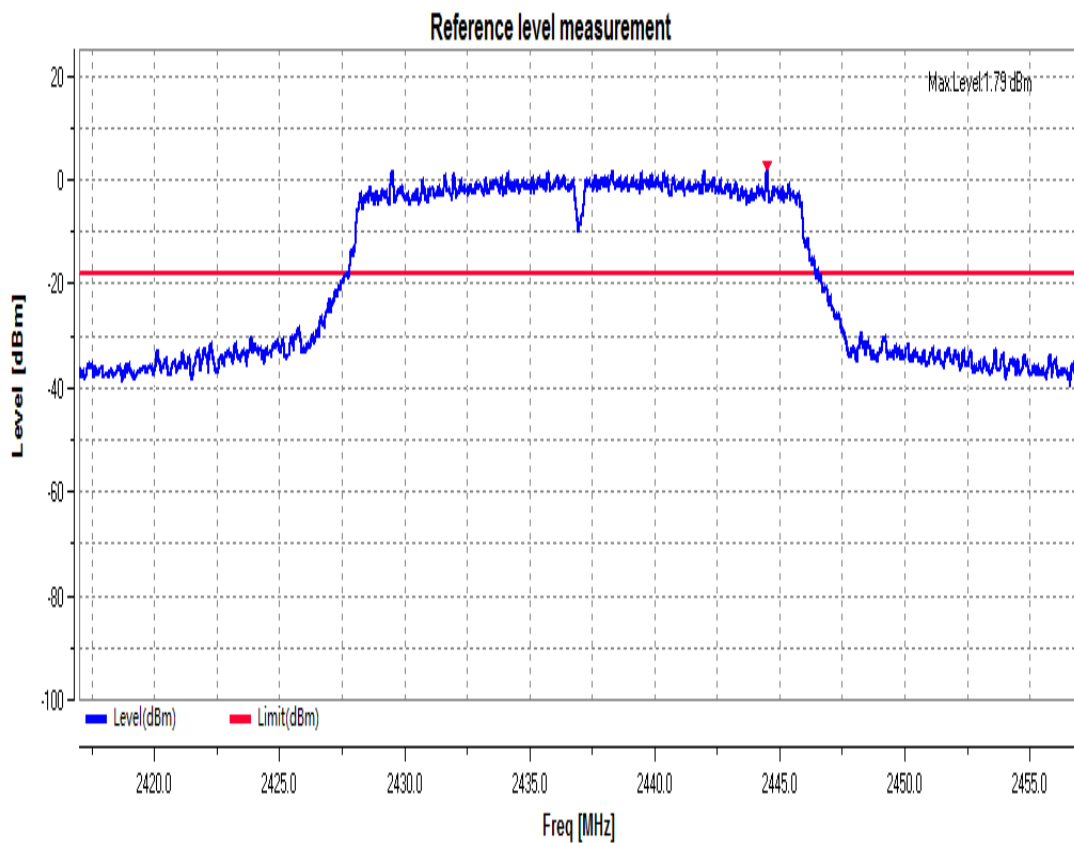


CSE_1

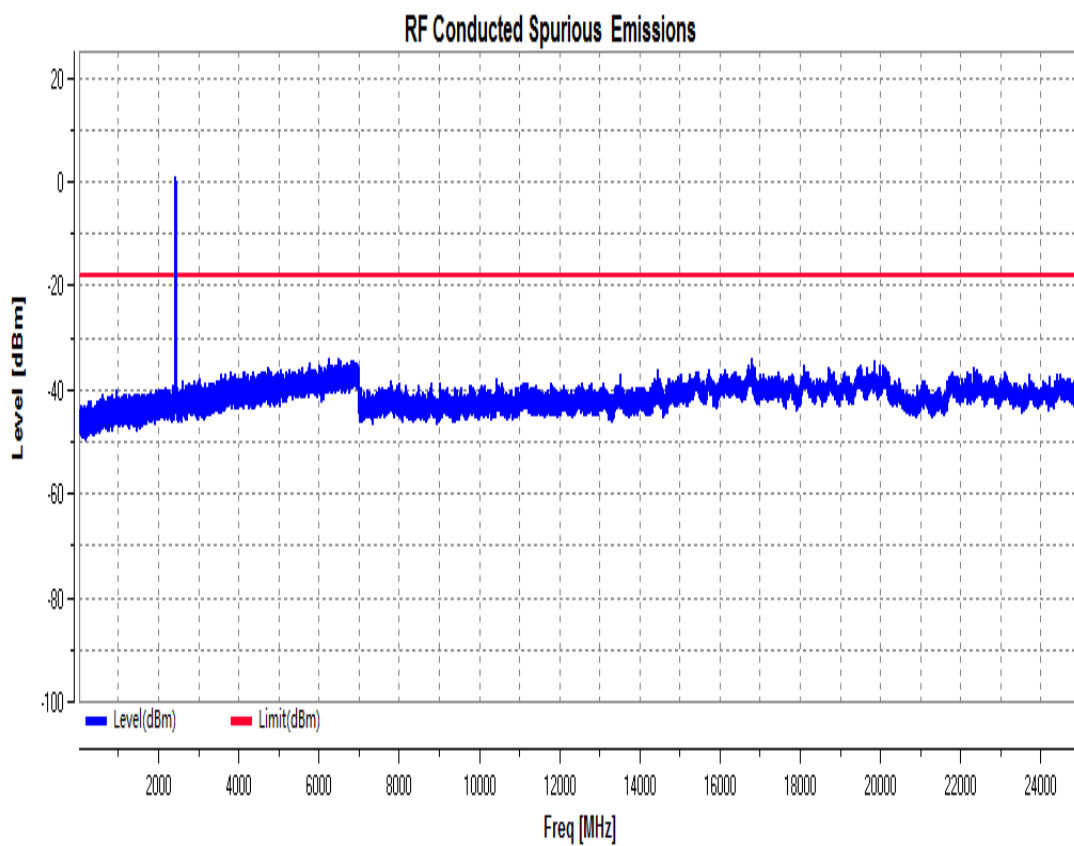


RF Conducted Spurious Emissions_11N20SISO_2437

Pref

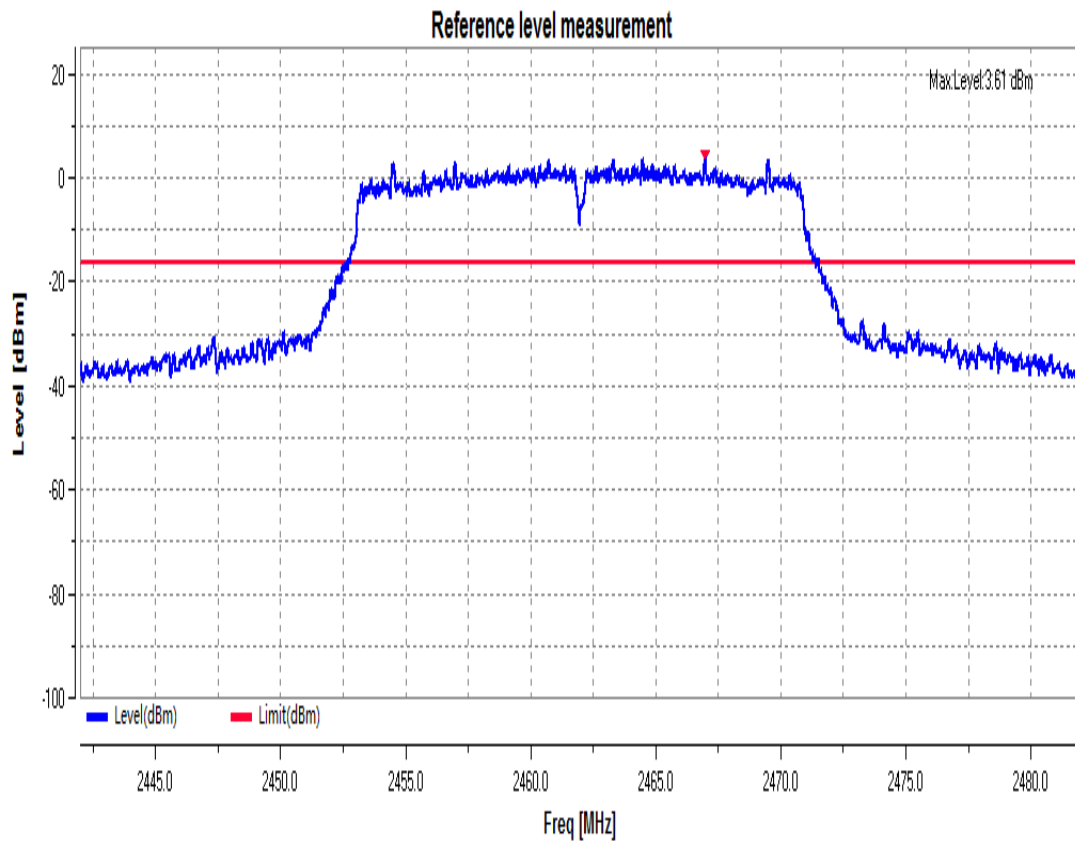


CSE_1

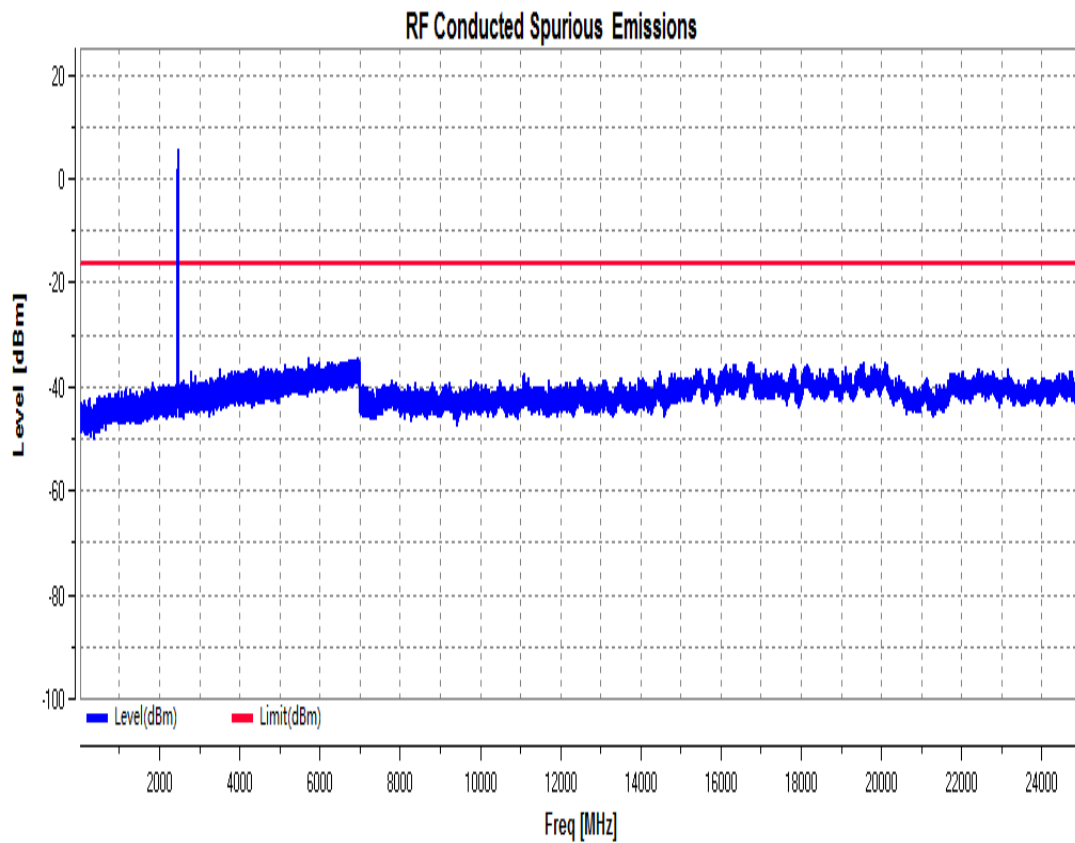


RF Conducted Spurious Emissions_11N20SISO_2462

Pref

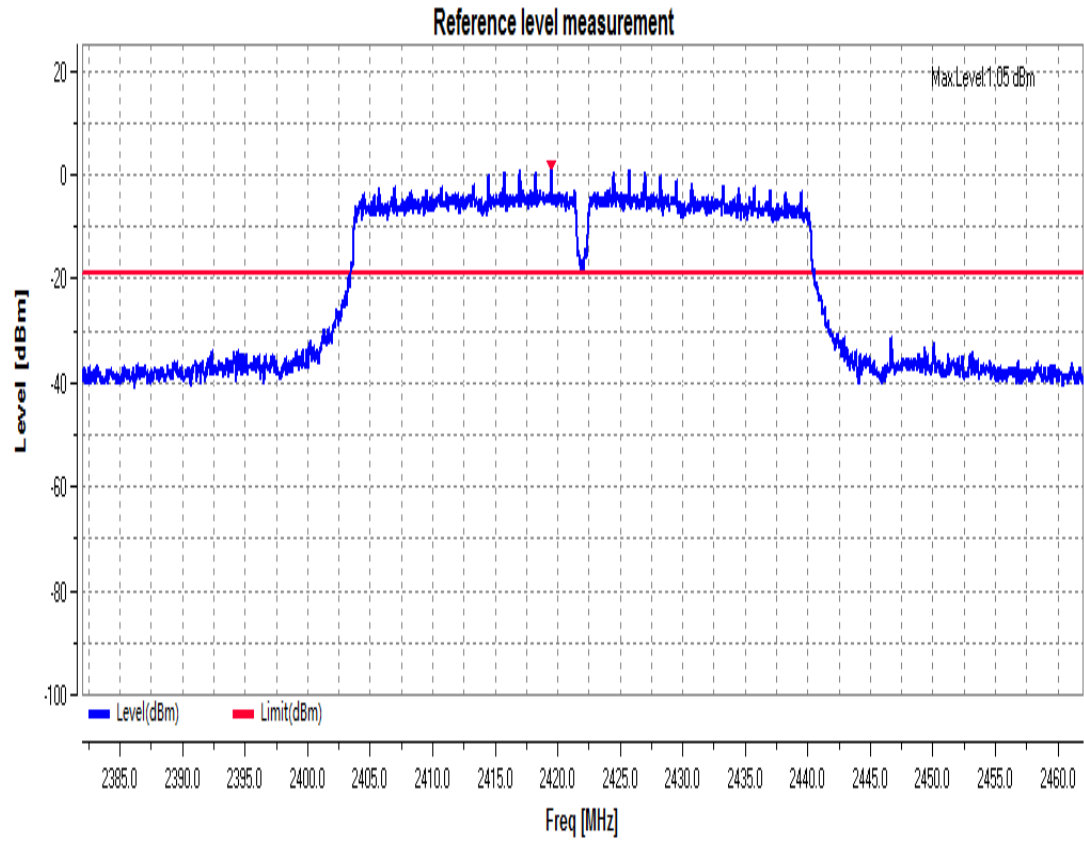


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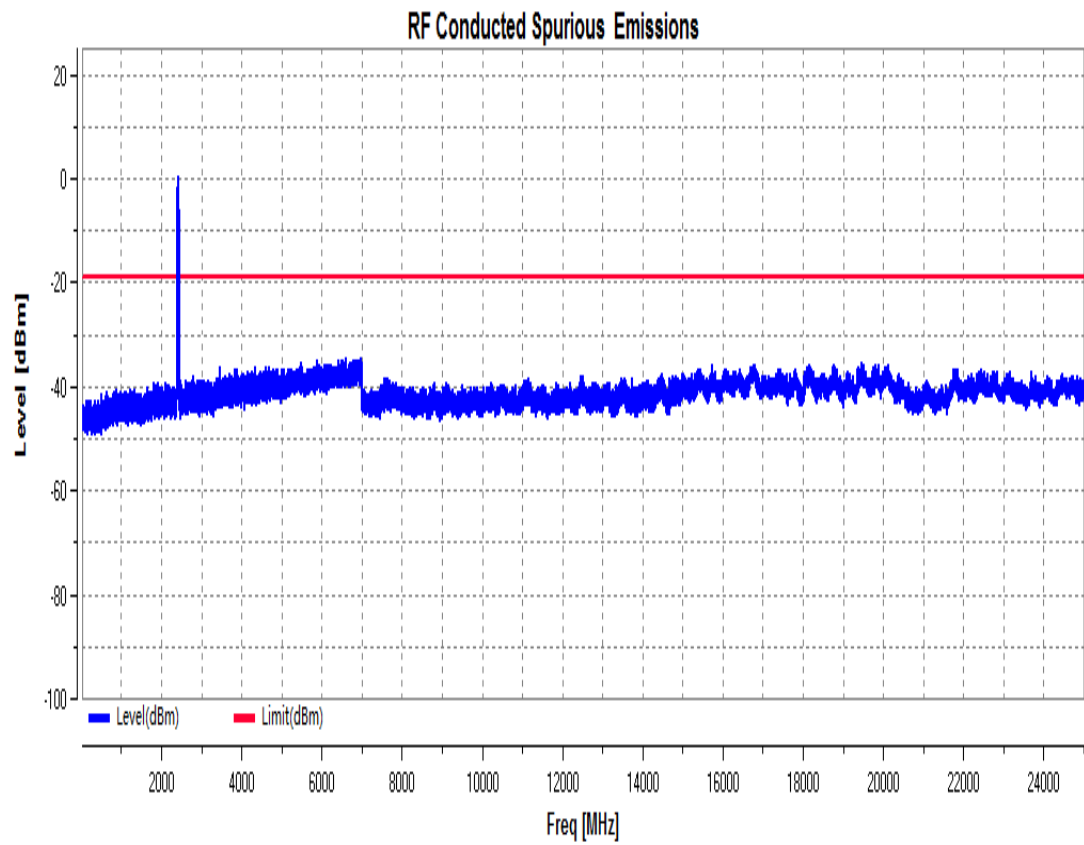


RF Conducted Spurious Emissions_11N40SISO_2422

Pref

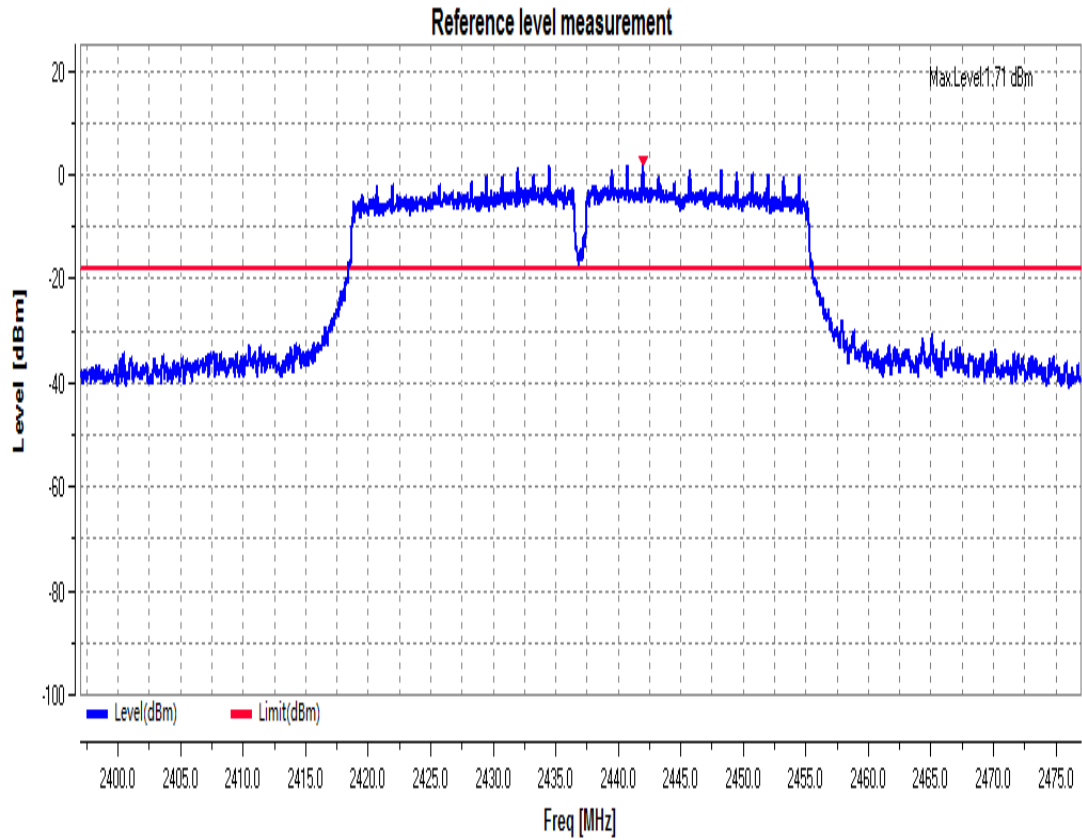


CSE_1

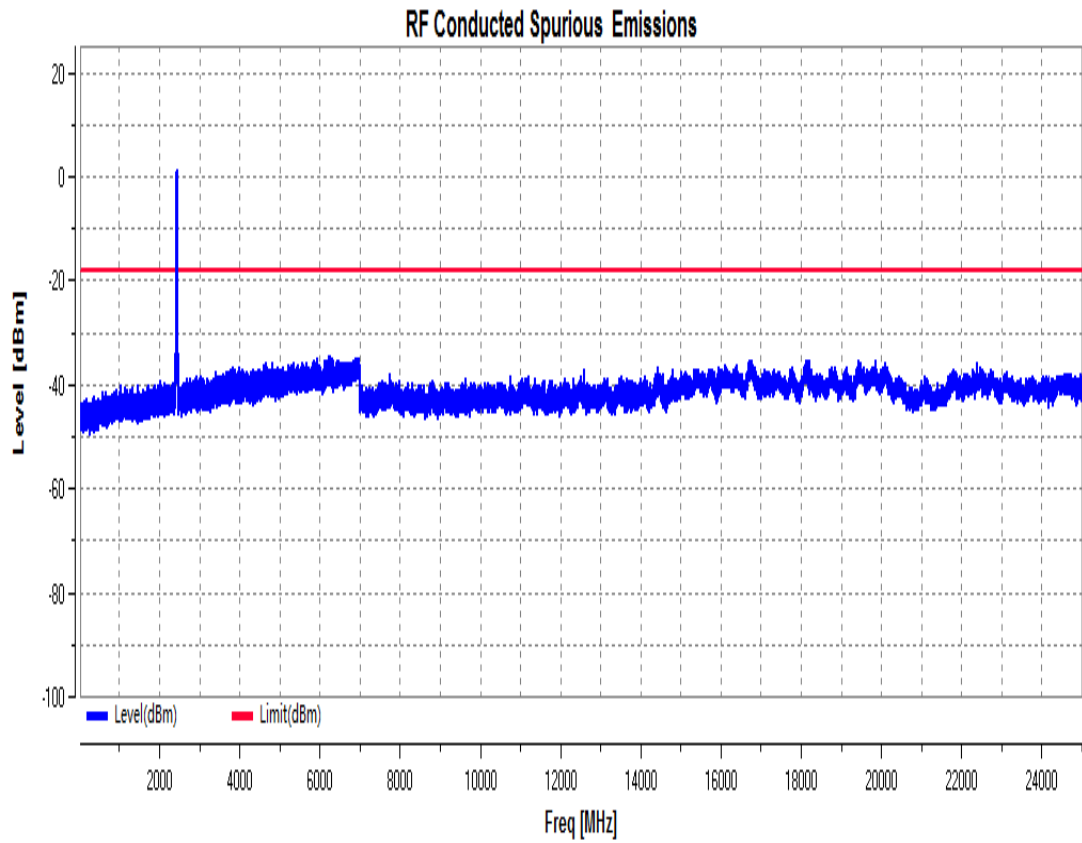


RF Conducted Spurious Emissions_11N40SISO_2437

Pref

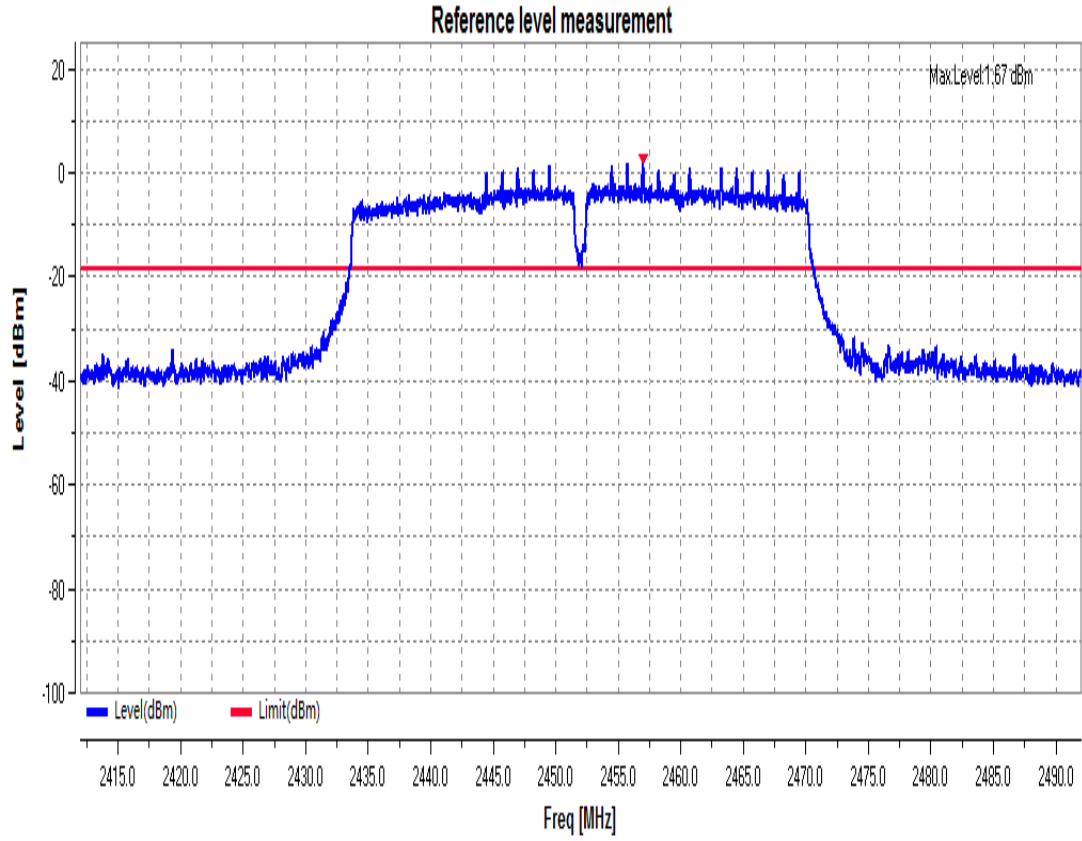


CSE_1



RF Conducted Spurious Emissions_11N40SISO_2452

Pref



CSE_1

