



Appendix

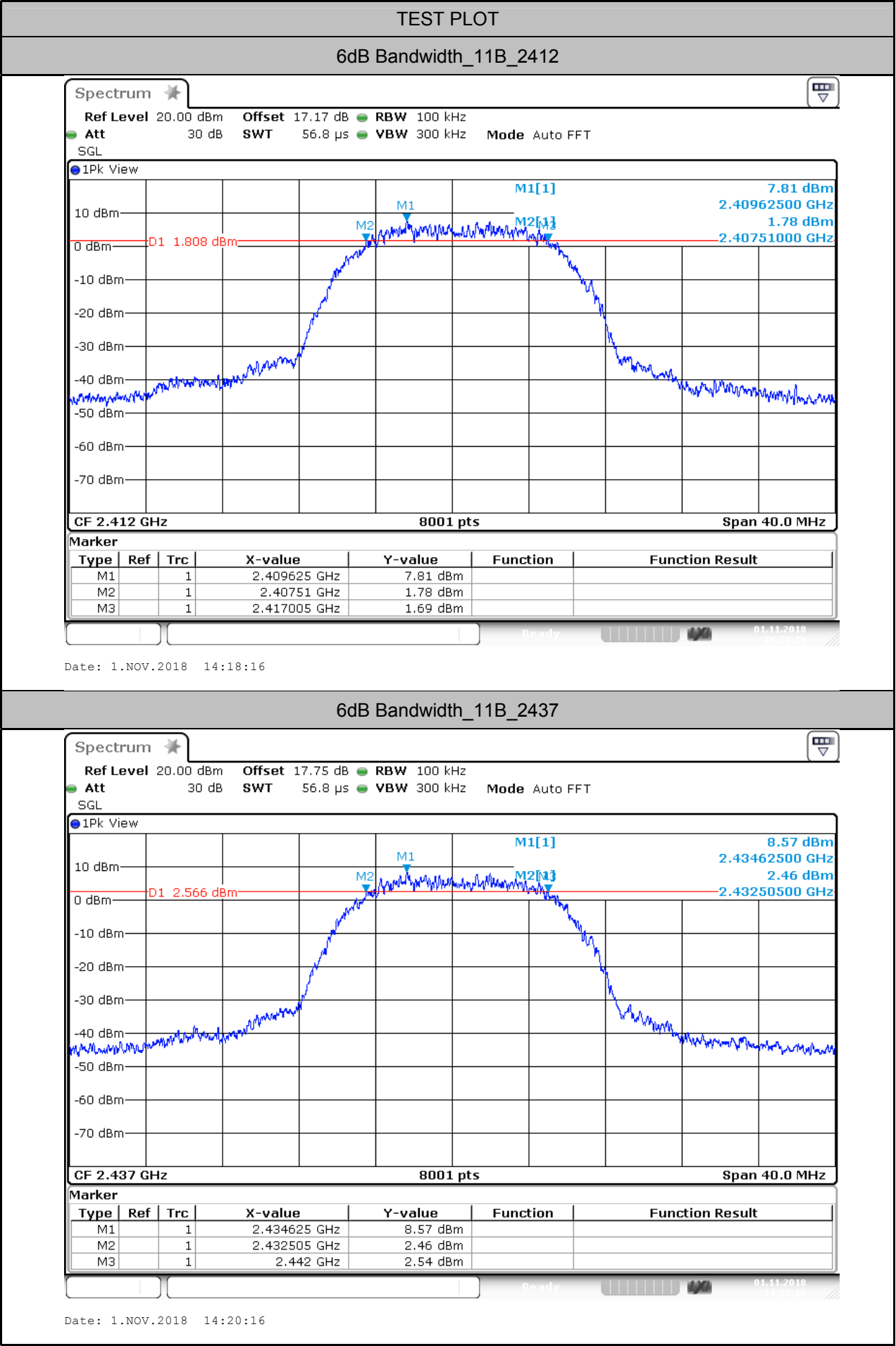
FCC ID: NKS-S597

Model: E-006-0597



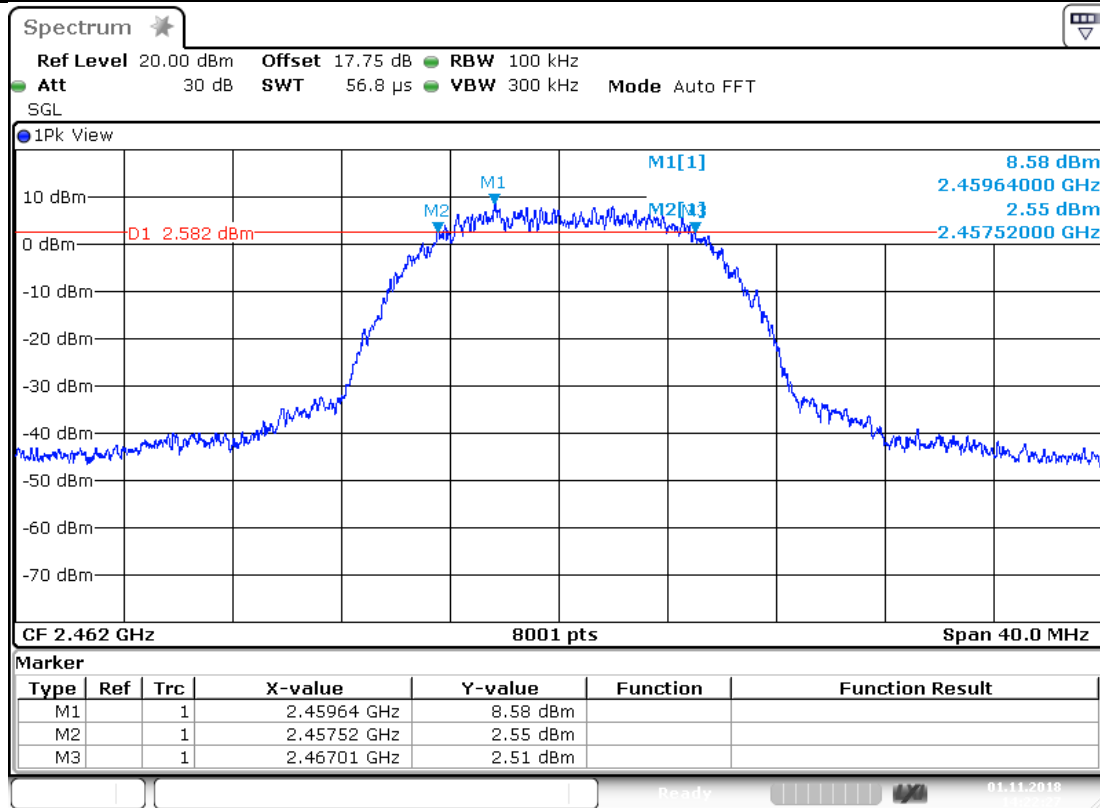
1.6dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit	Verdict
11B	2412	9.495	0.5	PASS
11B	2437	9.495	0.5	PASS
11B	2462	9.490	0.5	PASS
11G	2412	16.425	0.5	PASS
11G	2437	16.410	0.5	PASS
11G	2462	16.470	0.5	PASS
11N20	2412	17.295	0.5	PASS
11N20	2437	17.600	0.5	PASS
11N20	2462	17.325	0.5	PASS
11N40	2422	36.280	0.5	PASS
11N40	2437	35.930	0.5	PASS
11N40	2452	36.090	0.5	PASS



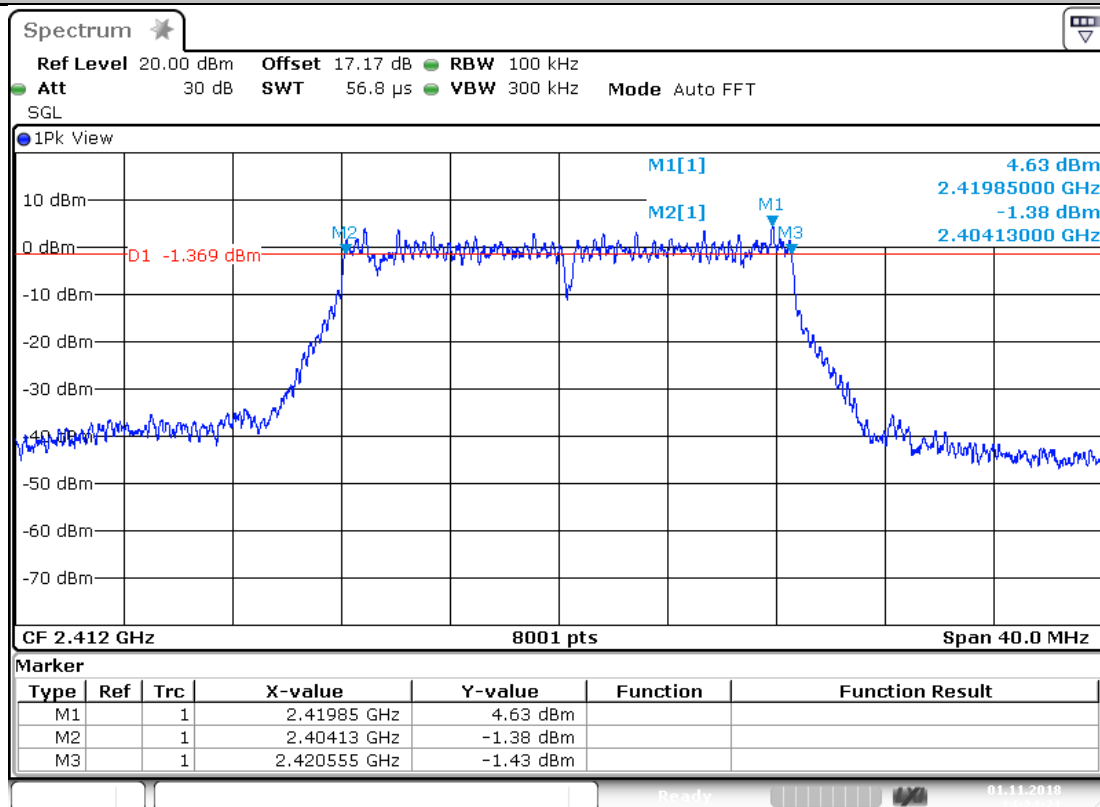


6dB Bandwidth_11B_2462



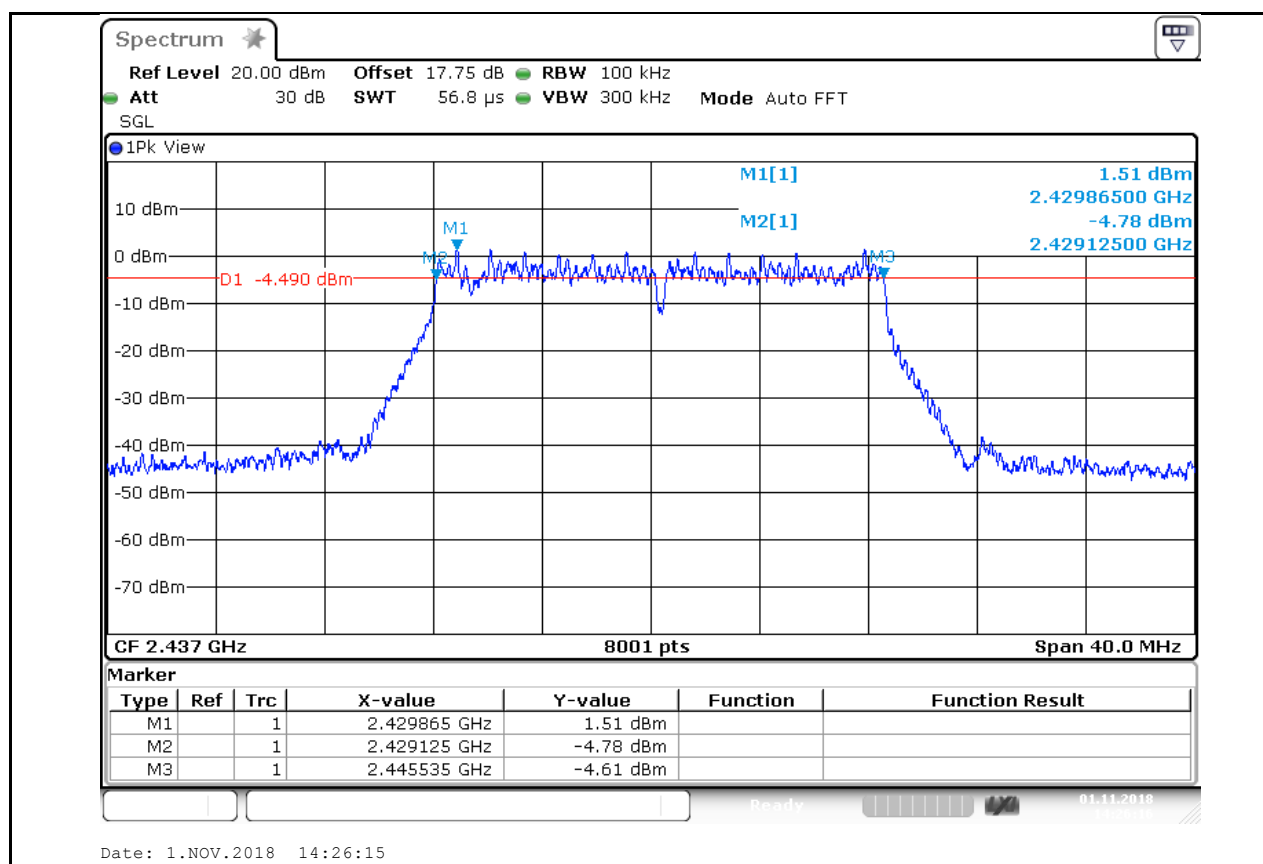
Date: 1.NOV.2018 14:22:26

6dB Bandwidth_11G_2412

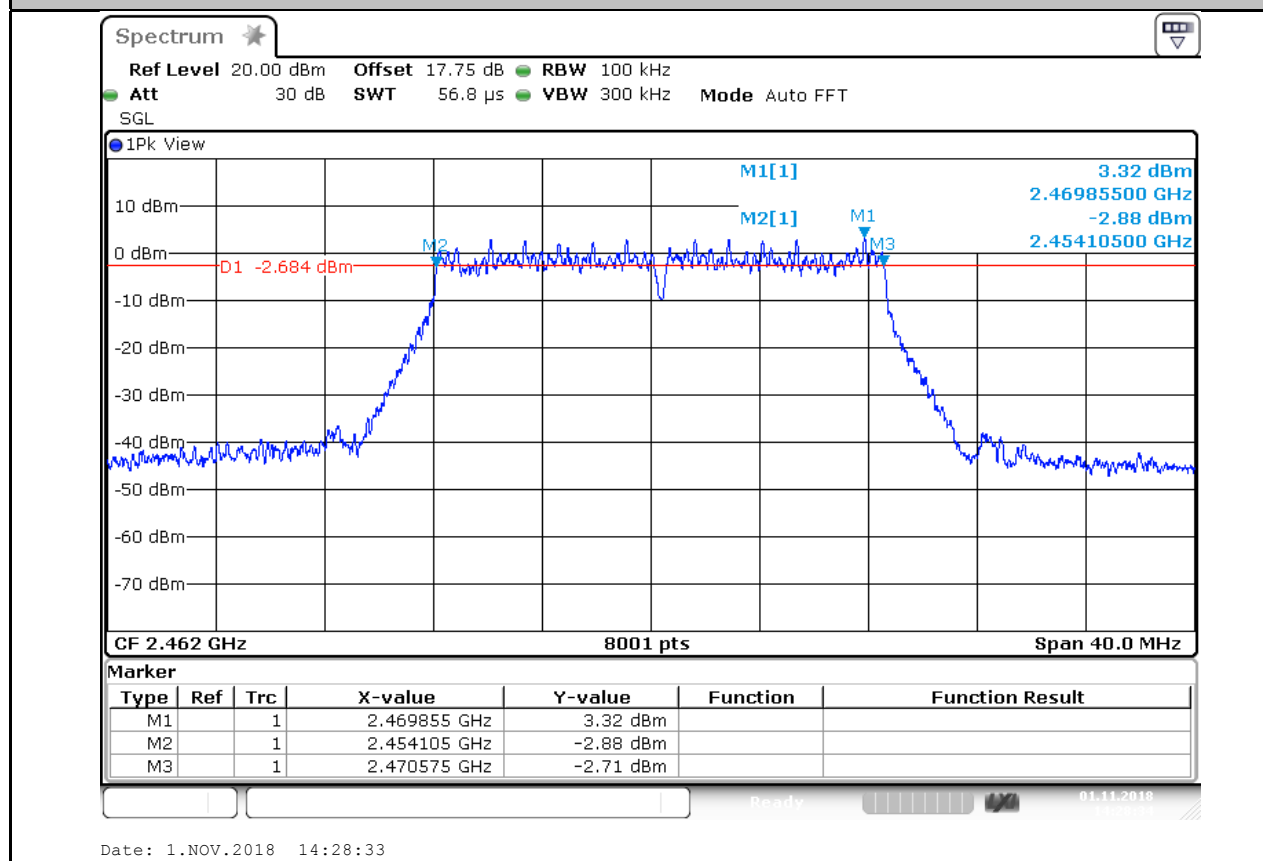


Date: 1.NOV.2018 14:24:21

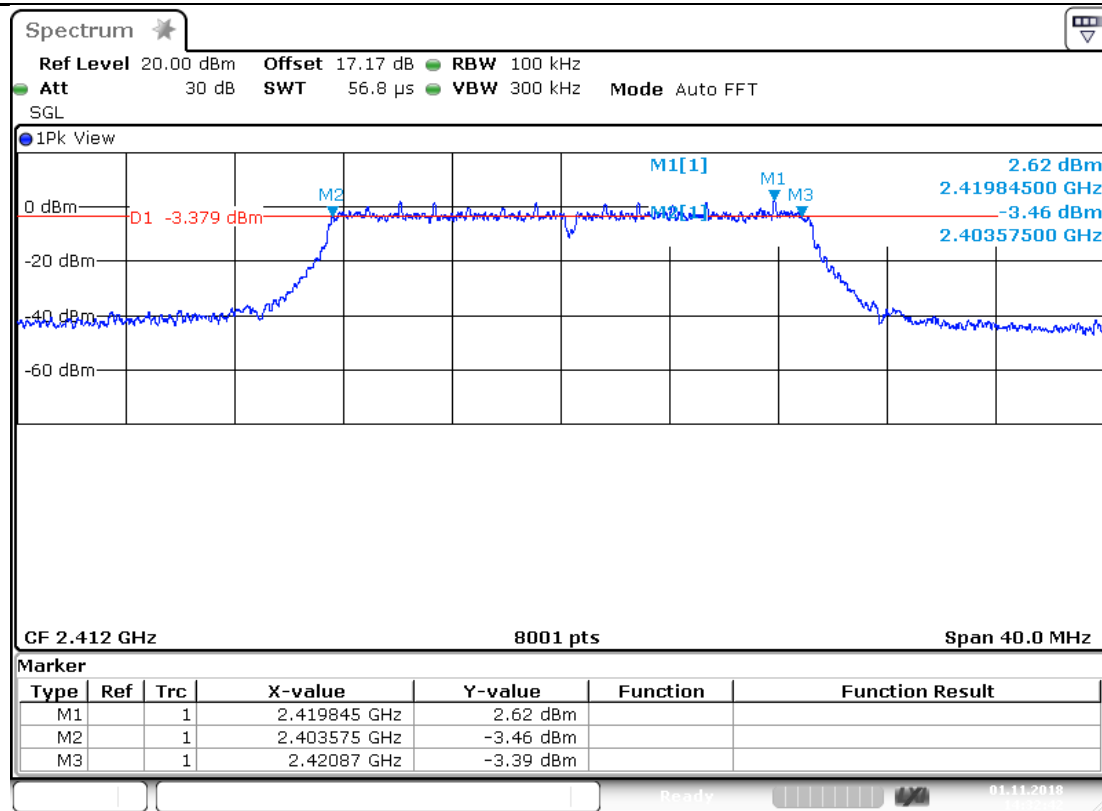
6dB Bandwidth_11G_2437



6dB Bandwidth_11G_2462

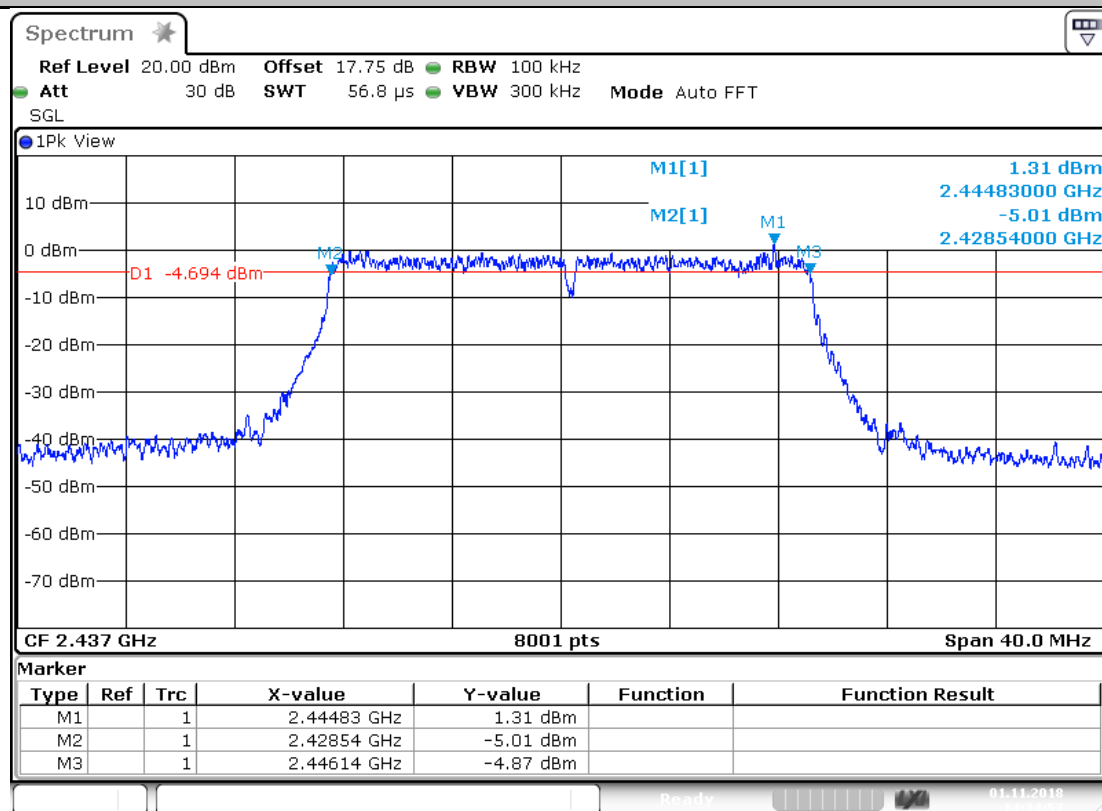


6dB Bandwidth_11N20_2412



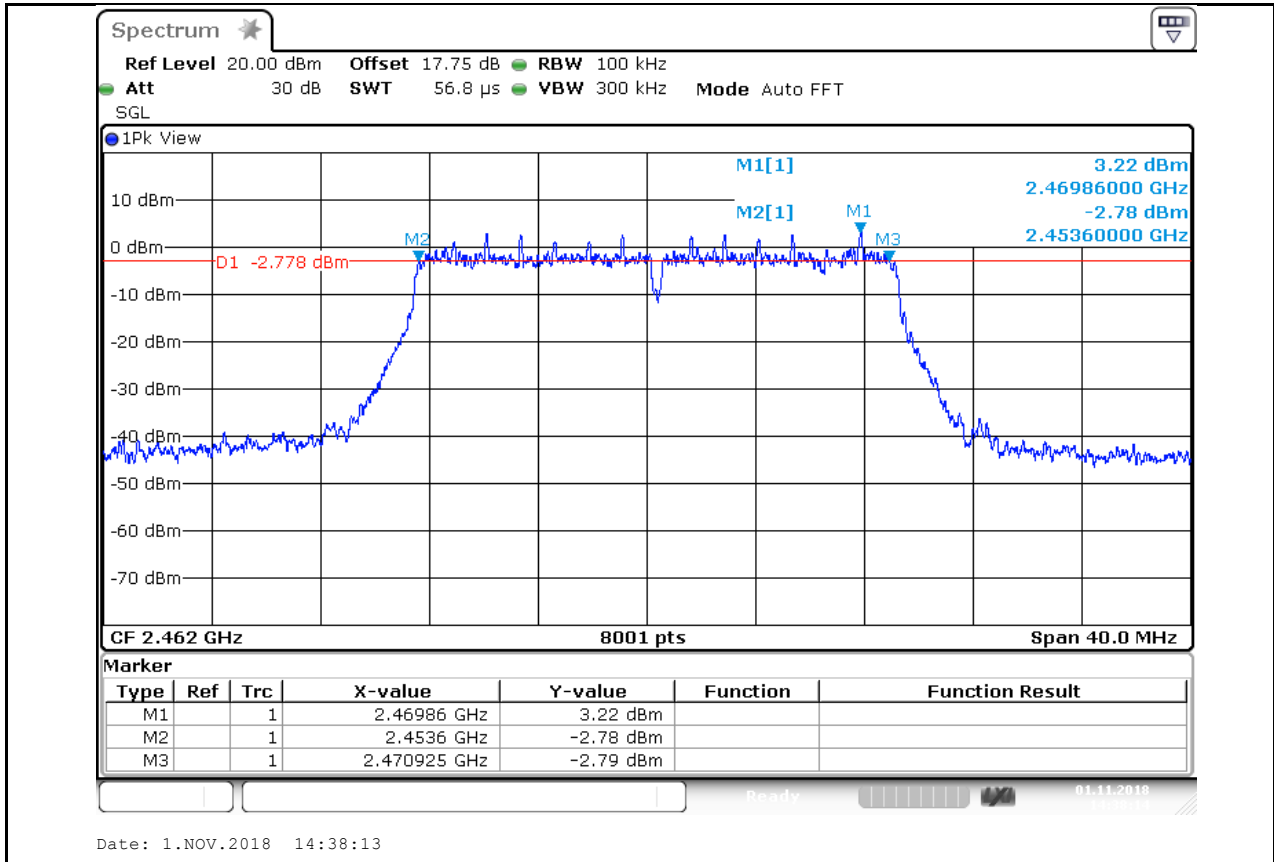
Date: 1.NOV.2018 14:32:42

6dB Bandwidth_11N20_2437

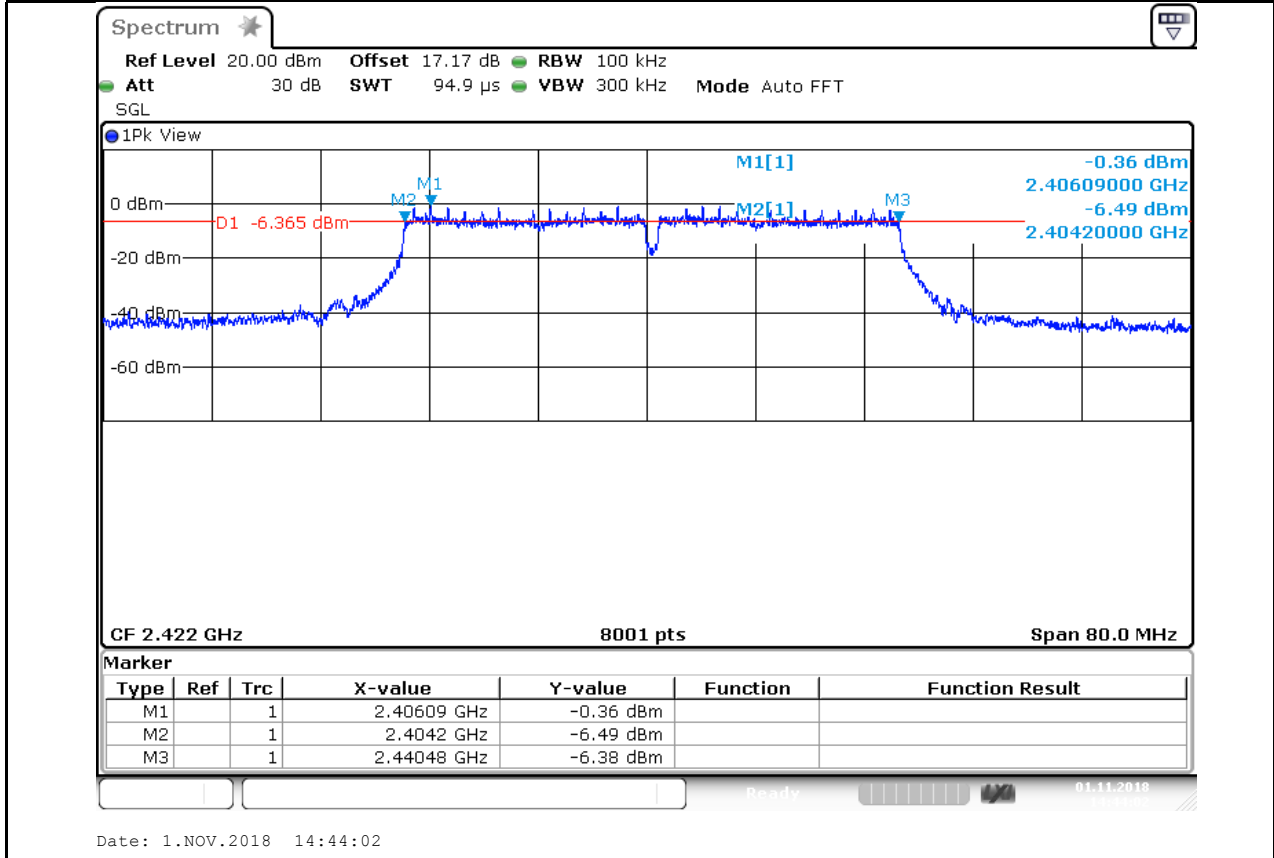


Date: 1.NOV.2018 14:34:57

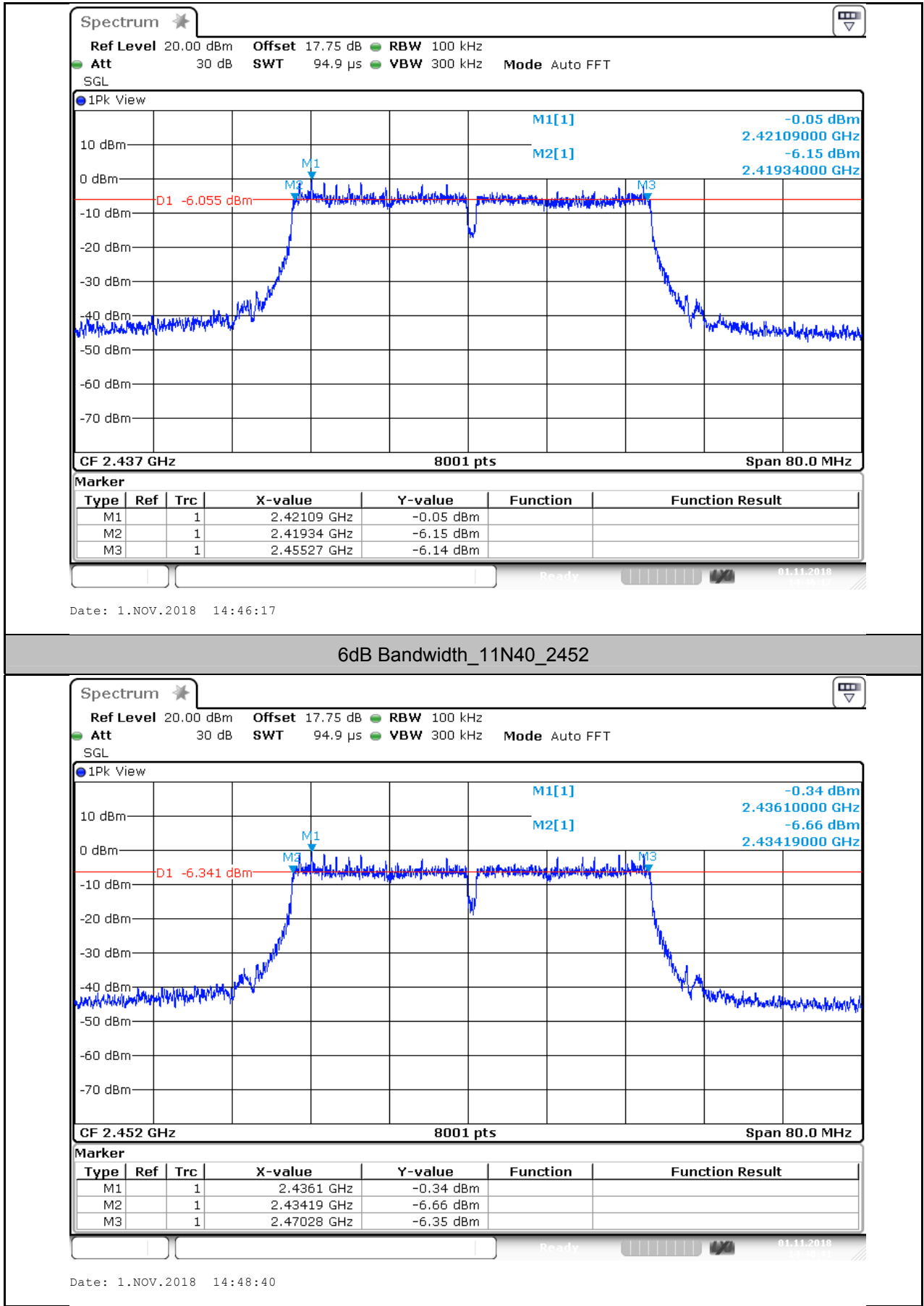
6dB Bandwidth_11N20_2462



6dB Bandwidth_11N40_2422



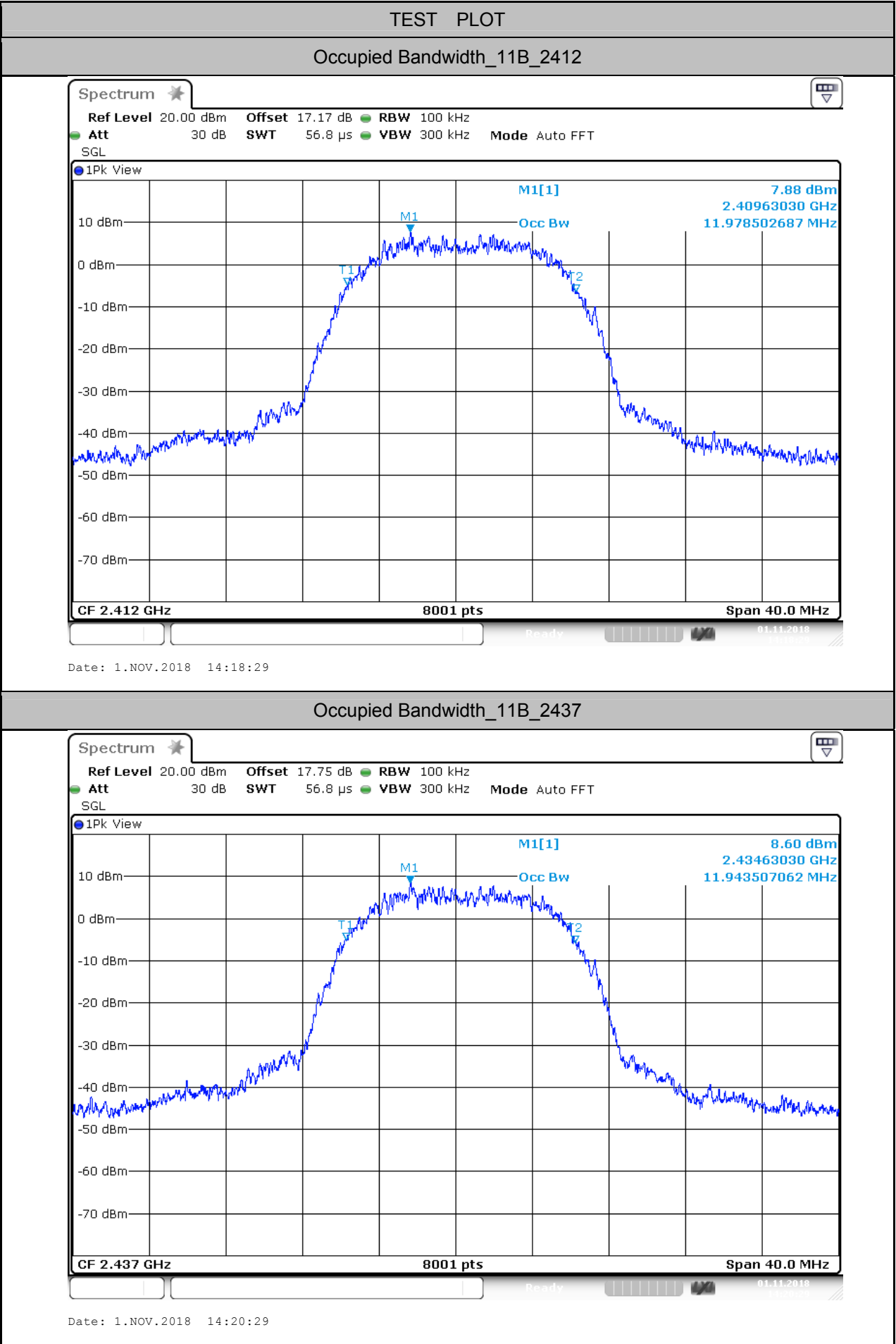
6dB Bandwidth_11N40_2437

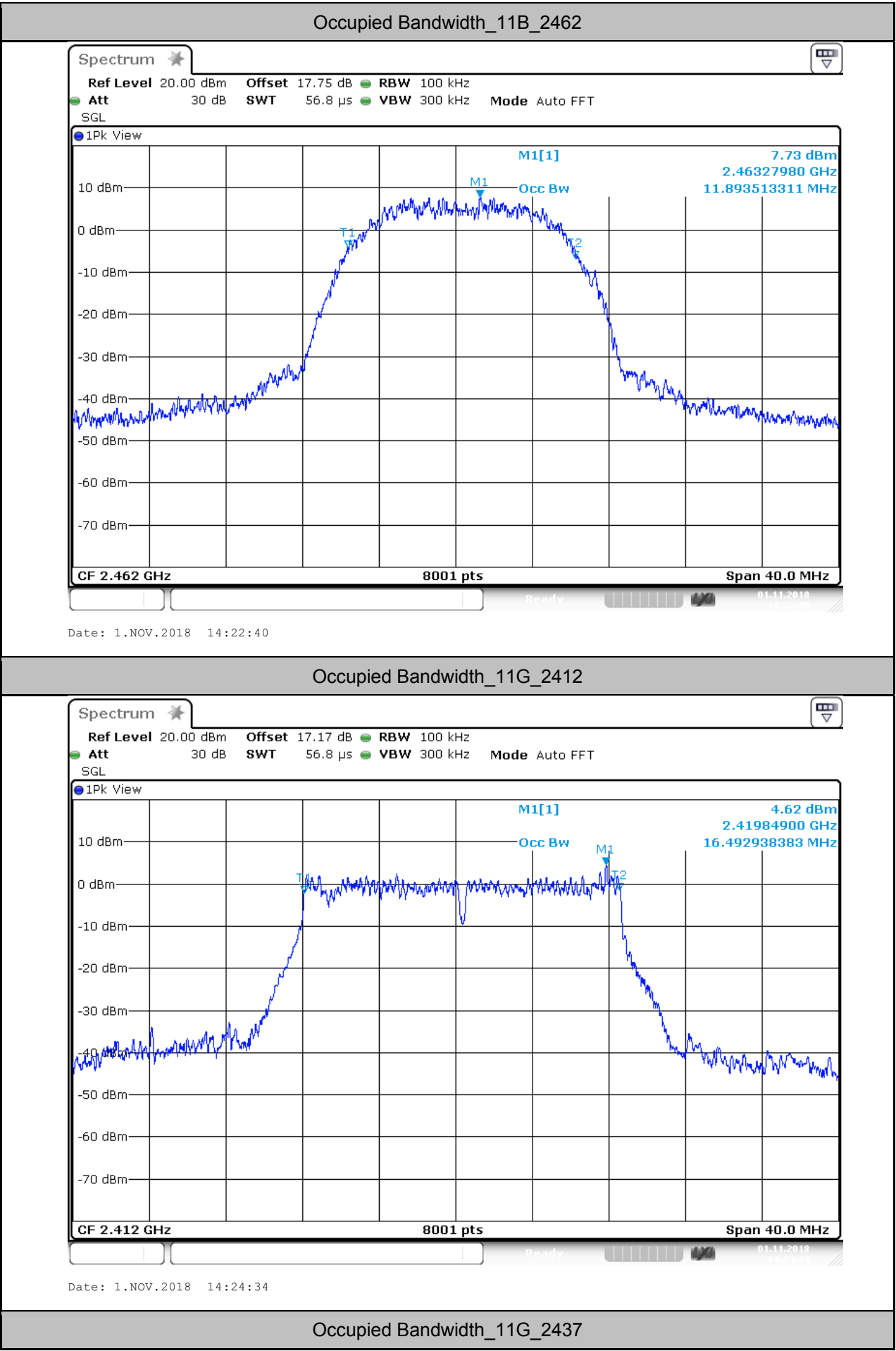


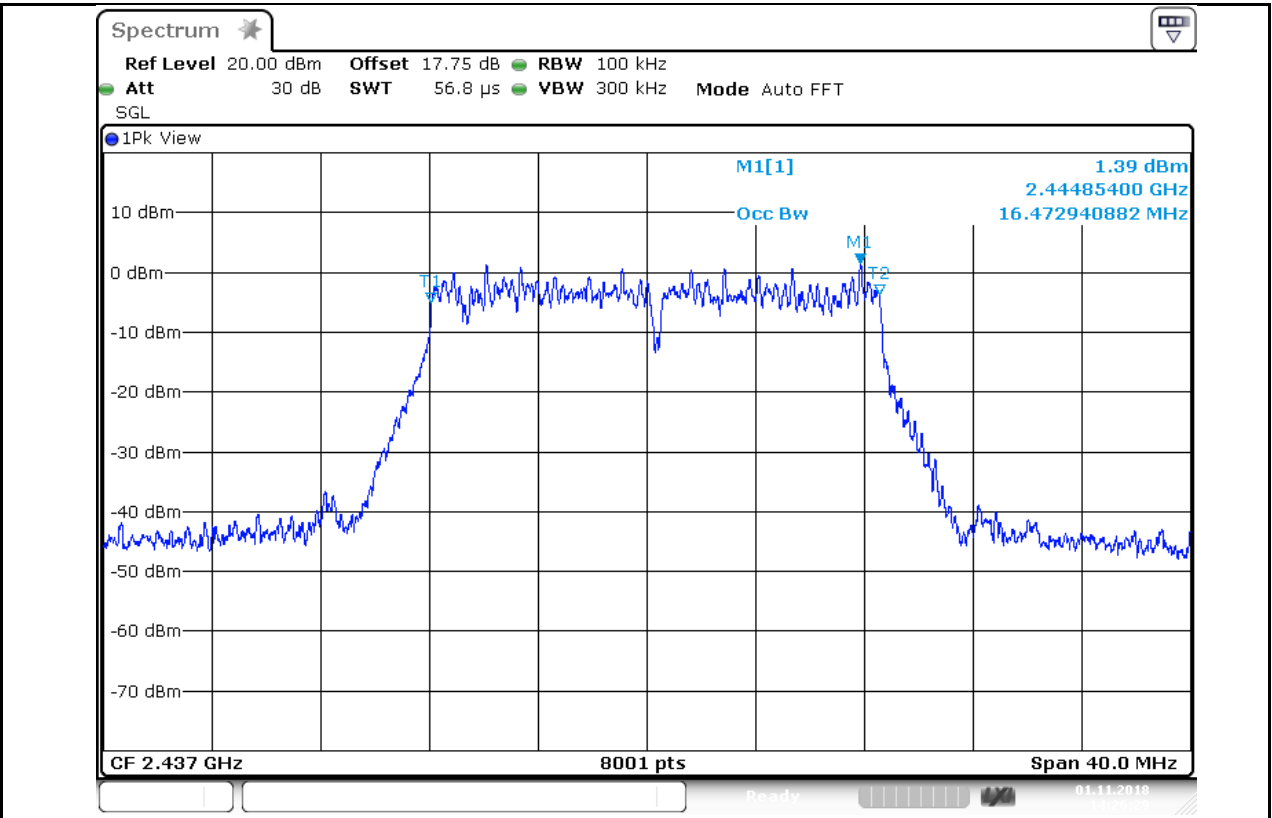


2.Occupied Bandwidth

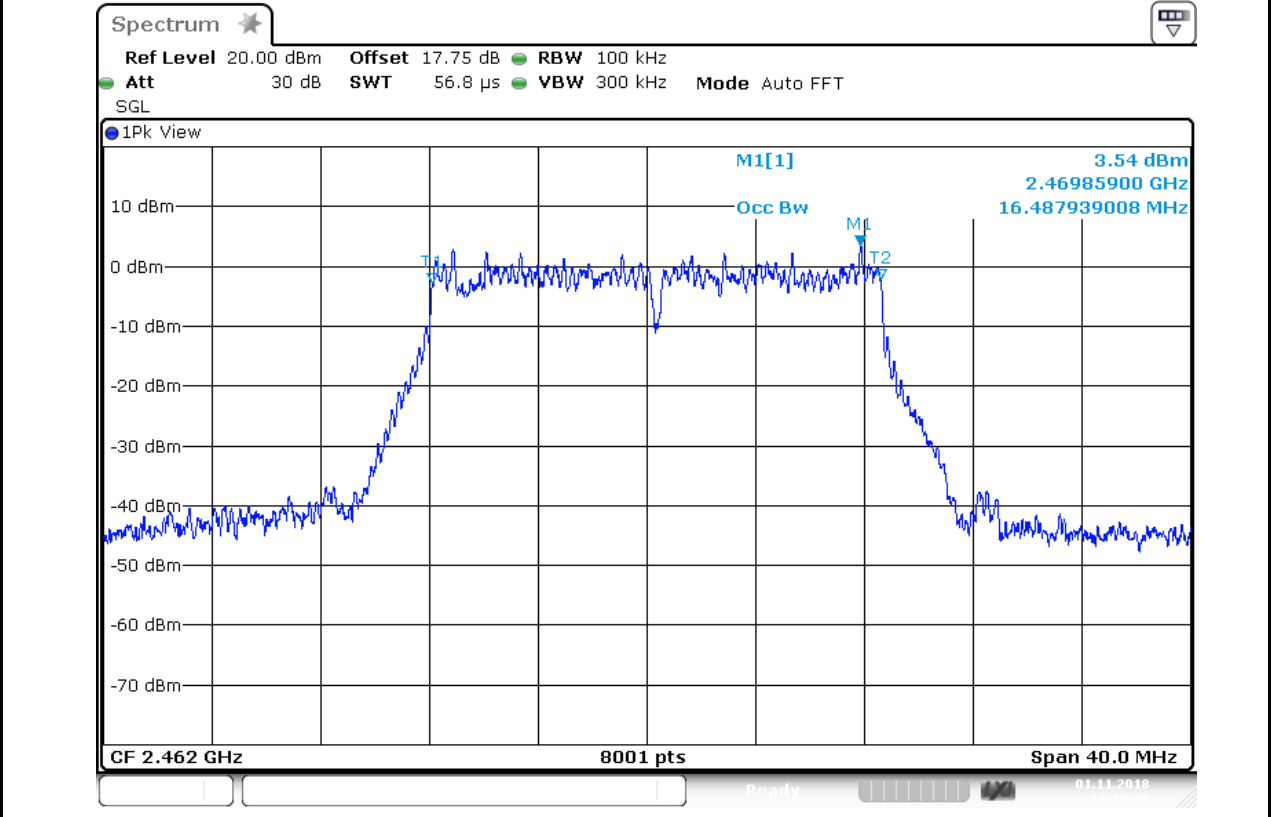
Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	11.979	---	PASS
11B	2437	11.944	---	PASS
11B	2462	11.894	---	PASS
11G	2412	16.493	---	PASS
11G	2437	16.473	---	PASS
11G	2462	16.488	---	PASS
11N20	2412	17.598	---	PASS
11N20	2437	17.563	---	PASS
11N20	2462	17.558	---	PASS
11N40	2422	36.155	---	PASS
11N40	2437	36.195	---	PASS
11N40	2452	36.185	---	PASS



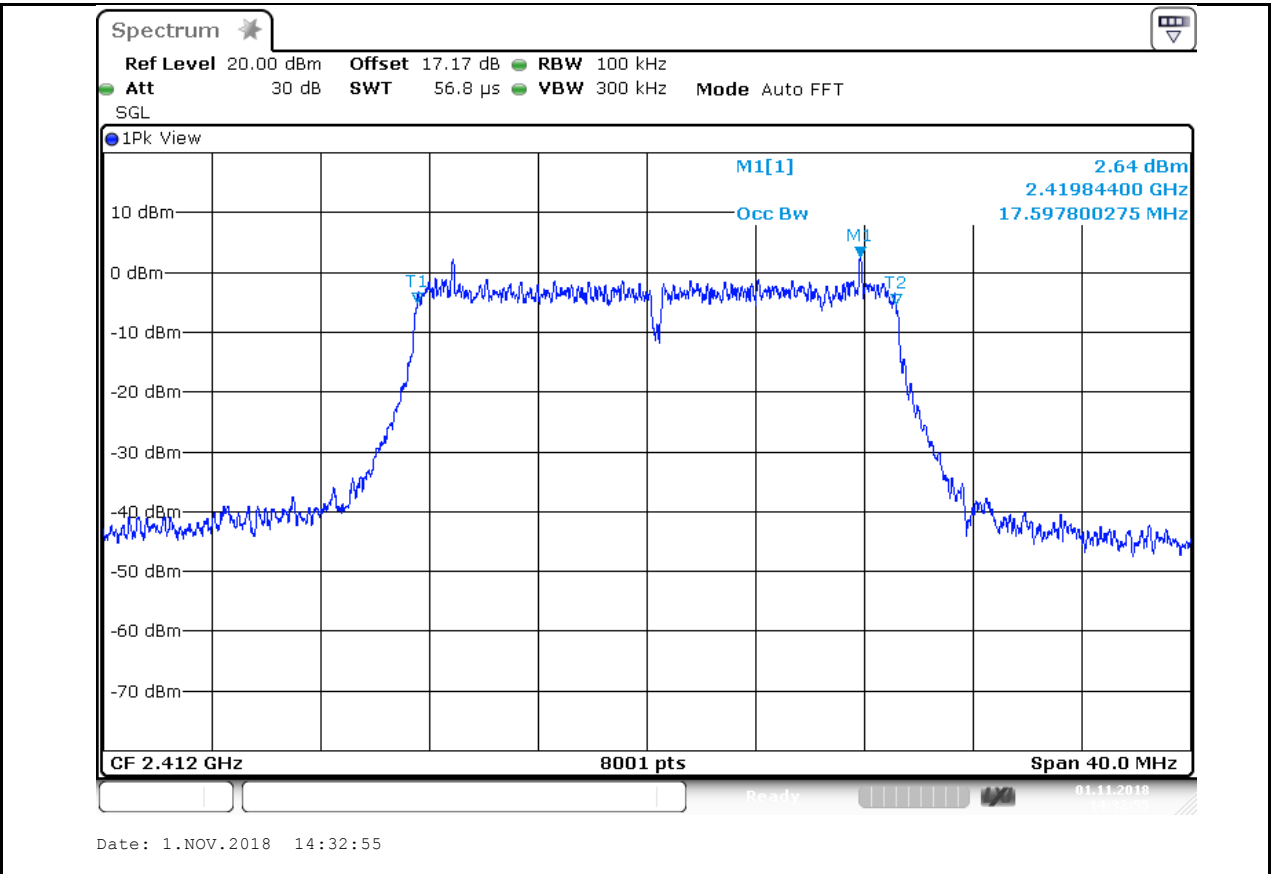




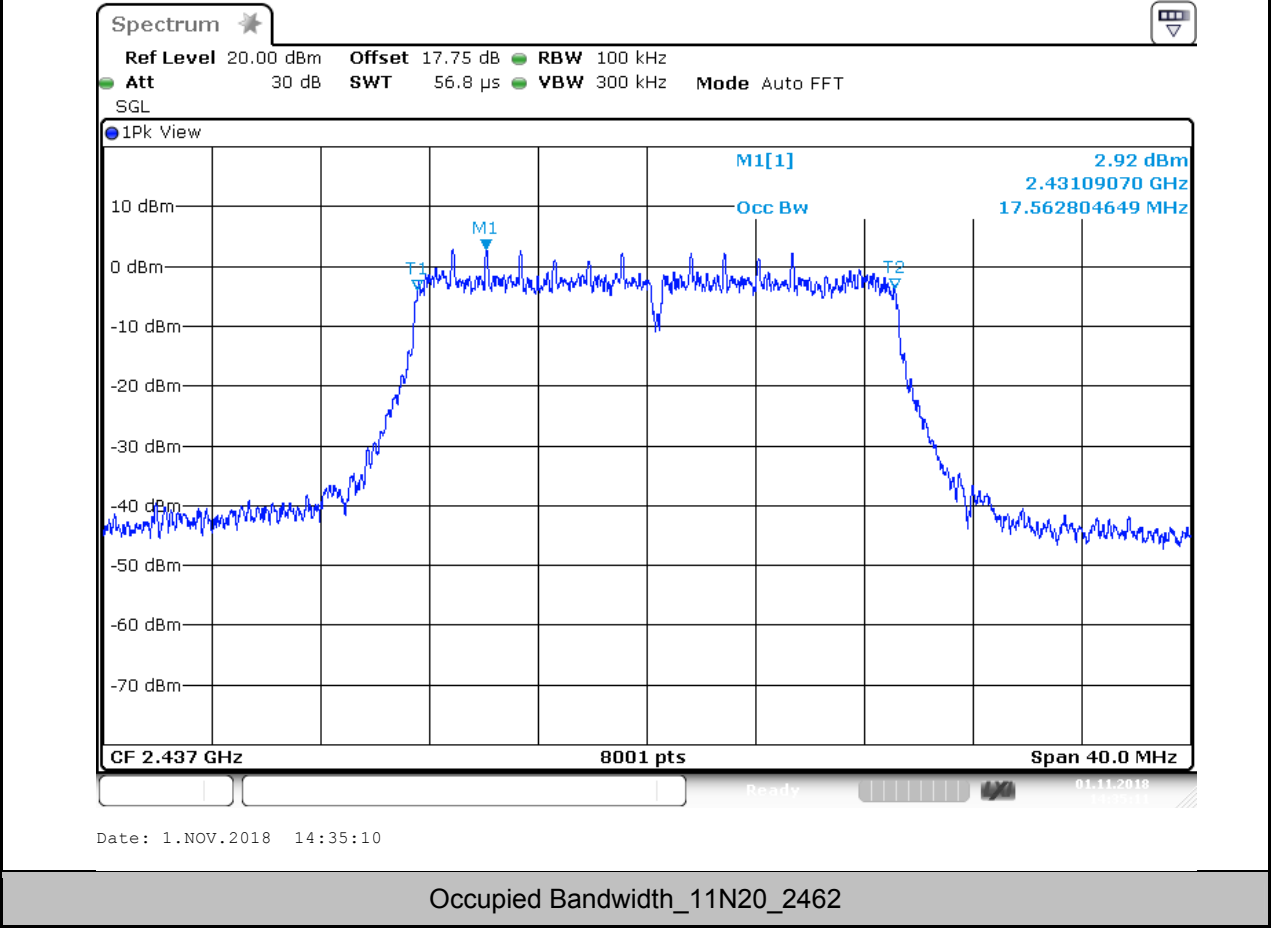
Occupied Bandwidth_11G_2462



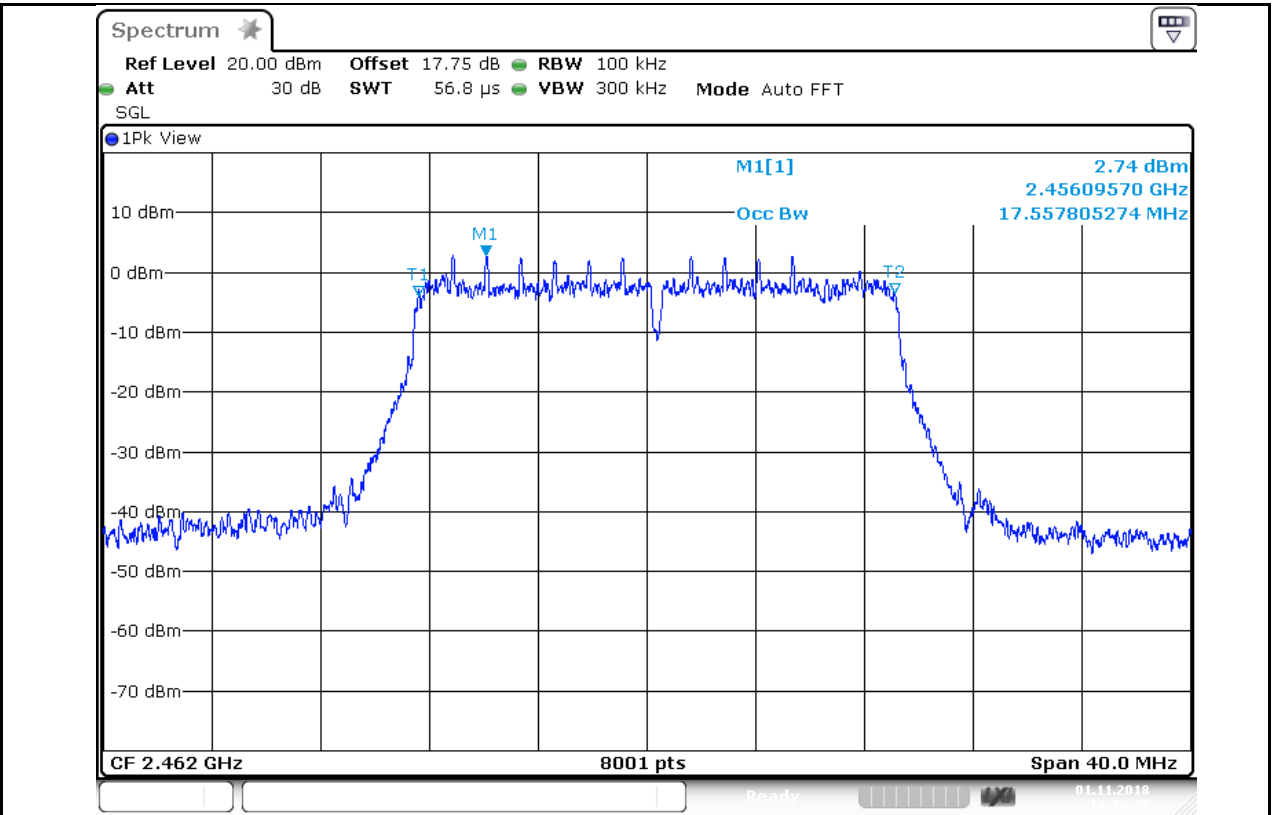
Occupied Bandwidth_11N20_2412



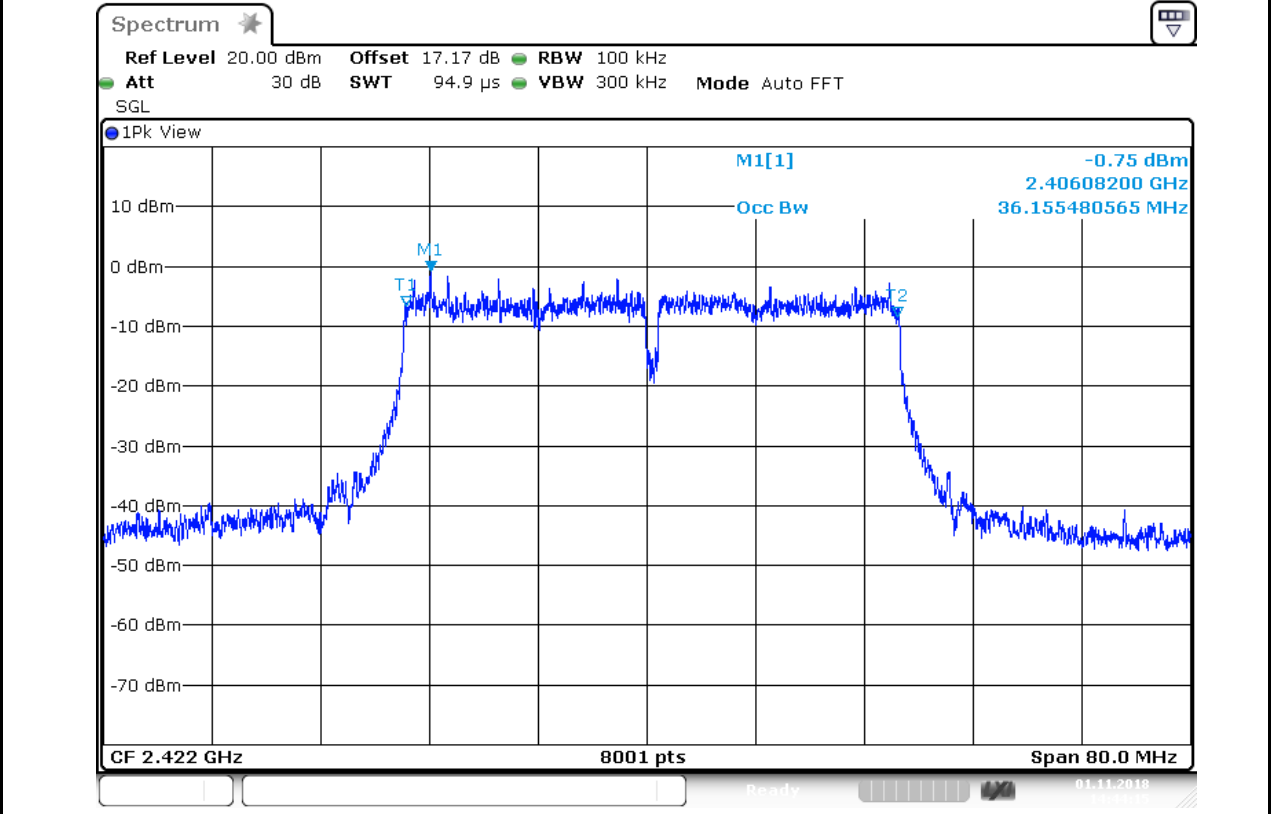
Occupied Bandwidth_11N20_2437



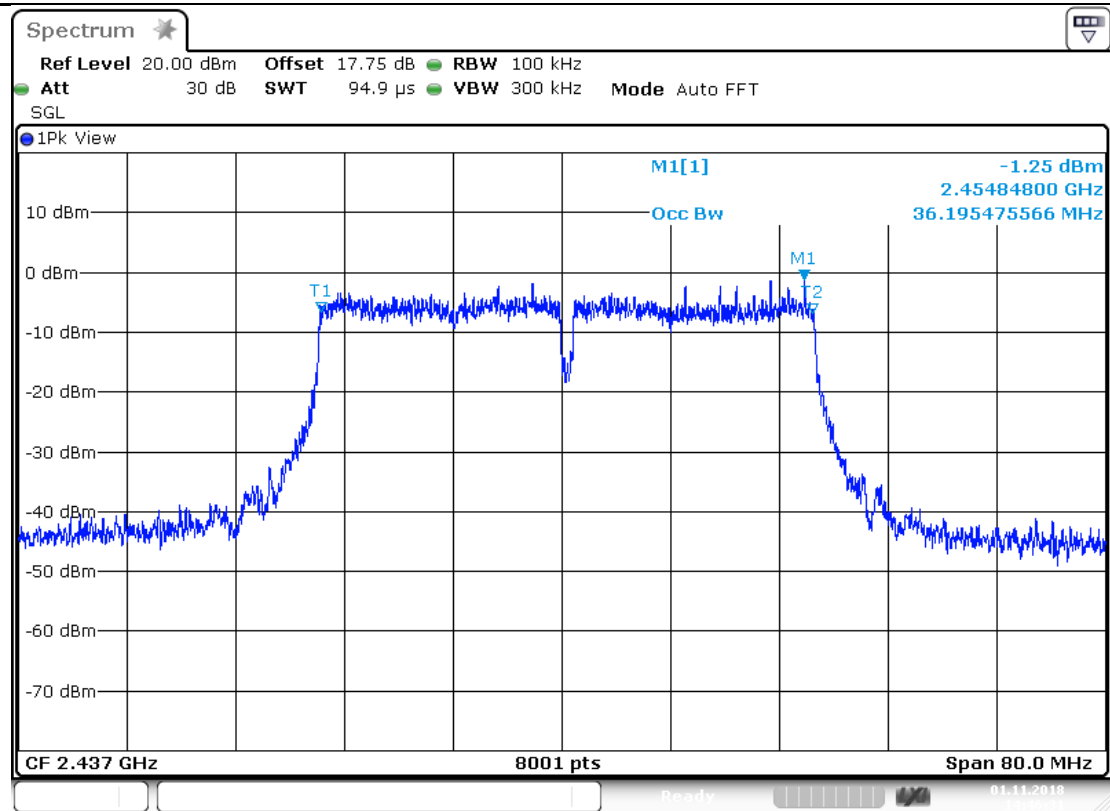
Occupied Bandwidth_11N20_2462



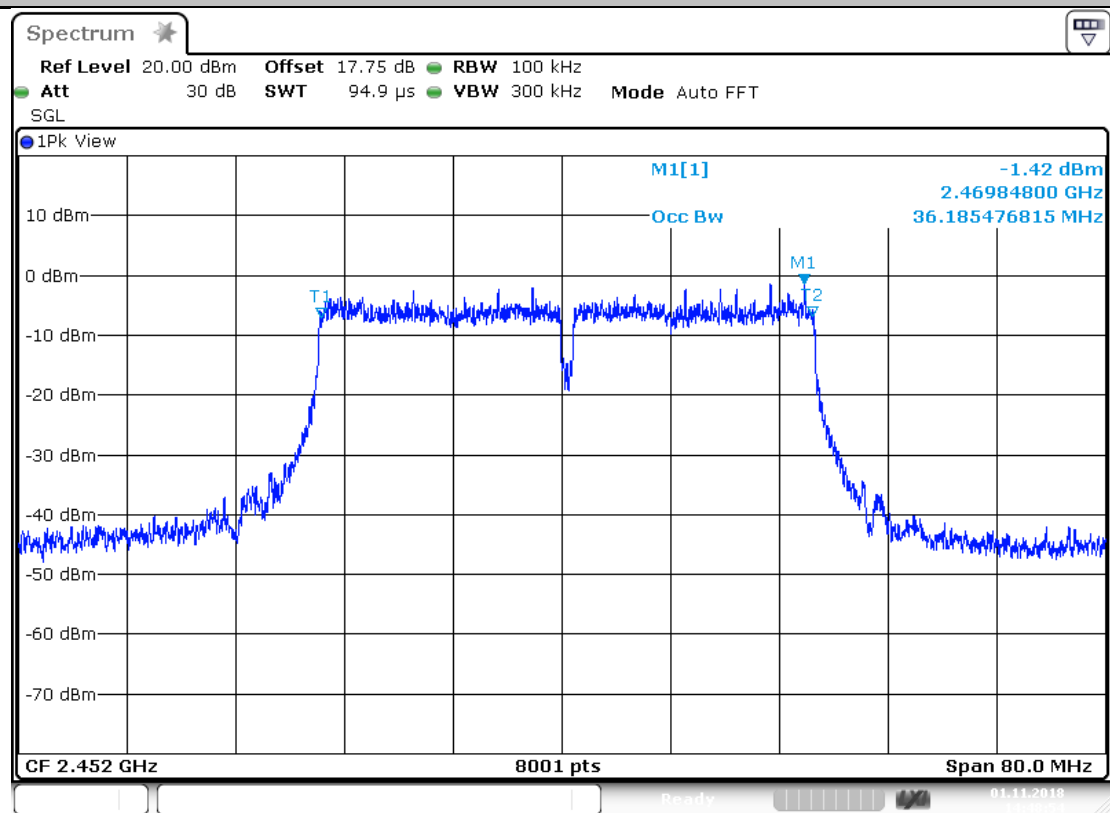
Occupied Bandwidth_11N40_2422



Occupied Bandwidth_11N40_2437



Occupied Bandwidth_11N40_2452





3.Maximum conducted output power

Test Mode	Test Channel	Ant	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	17.65	30	PASS
11B	2437	Ant1	18.29	30	PASS
11B	2462	Ant1	18.32	30	PASS
11G	2412	Ant1	15.65	30	PASS
11G	2437	Ant1	14.47	30	PASS
11G	2462	Ant1	14.73	30	PASS
11N20	2412	Ant1	13.89	30	PASS
11N20	2437	Ant1	14.58	30	PASS
11N20	2462	Ant1	14.67	30	PASS
11N40	2422	Ant1	13.80	30	PASS
11N40	2437	Ant1	14.28	30	PASS
11N40	2452	Ant1	14.20	30	PASS



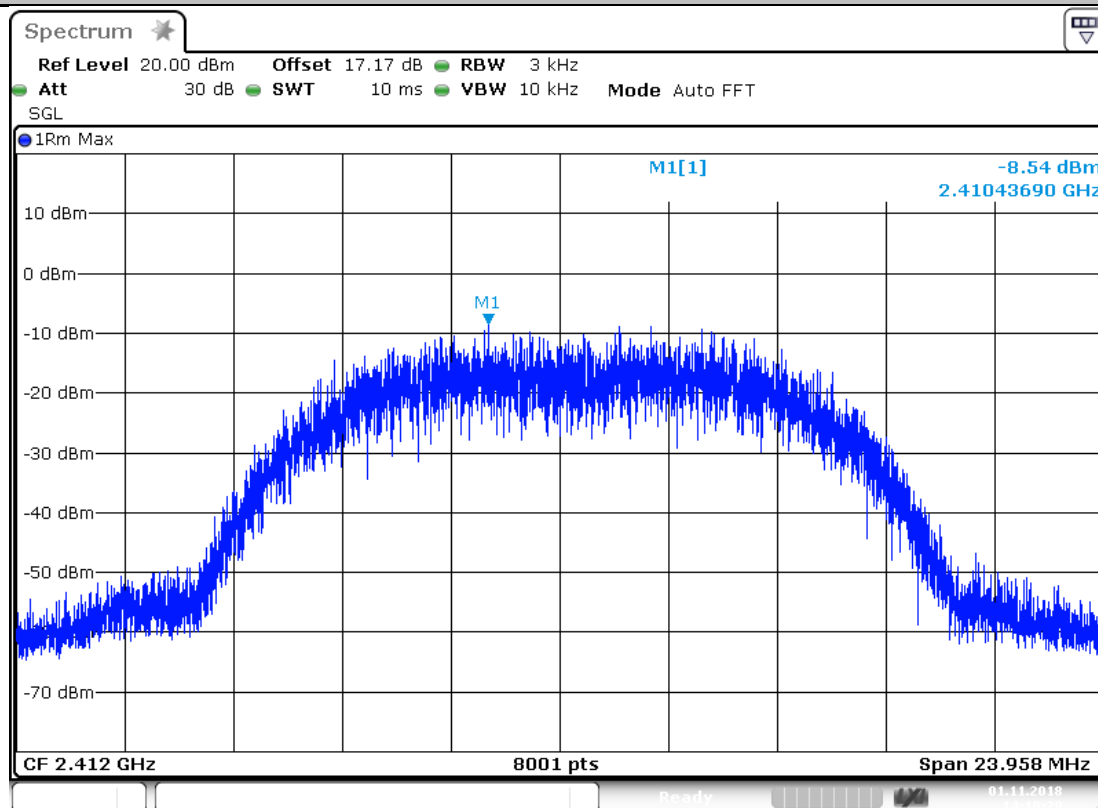
4.Maximum power spectral density

Test Mode	Test Channel	Ant	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11B	2412	Ant1	-8.54	8.00	PASS
11B	2437	Ant1	-6.62	8.00	PASS
11B	2462	Ant1	-6.64	8.00	PASS
11G	2412	Ant1	-11.26	8.00	PASS
11G	2437	Ant1	-13.22	8.00	PASS
11G	2462	Ant1	-13.17	8.00	PASS
11N20	2412	Ant1	-14.31	8.00	PASS
11N20	2437	Ant1	-12.55	8.00	PASS
11N20	2462	Ant1	-13.10	8.00	PASS
11N40	2422	Ant1	-18.16	8.00	PASS
11N40	2437	Ant1	-17.96	8.00	PASS
11N40	2452	Ant1	-17.87	8.00	PASS



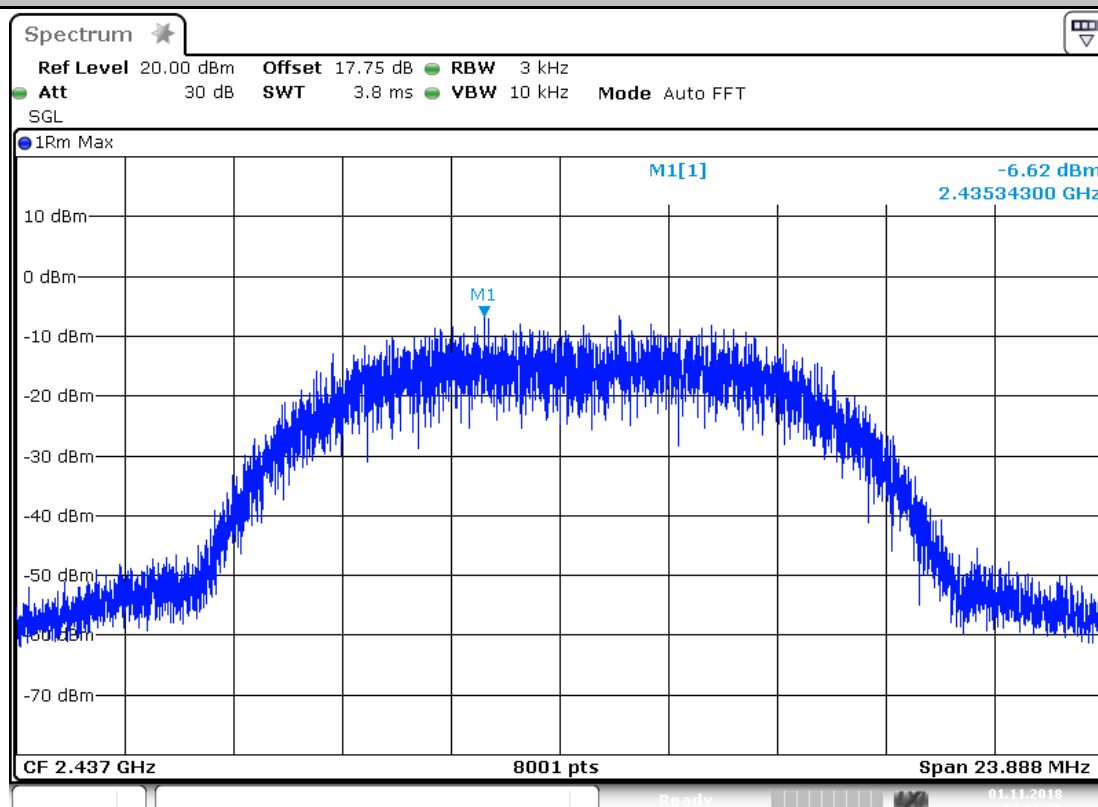
TEST PLOT

Maximum(average) power spectral density_11B_2412



Date: 1.NOV.2018 14:19:30

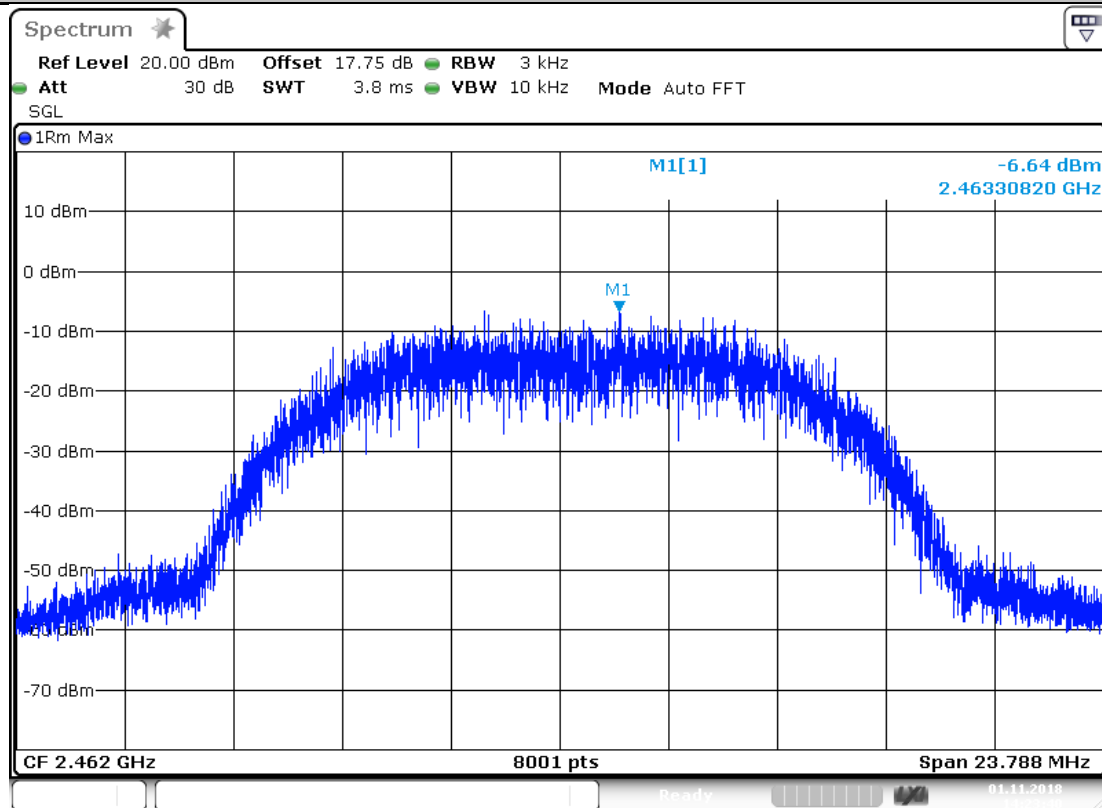
Maximum(average) power spectral density_11B_2437



Date: 1.NOV.2018 14:21:30

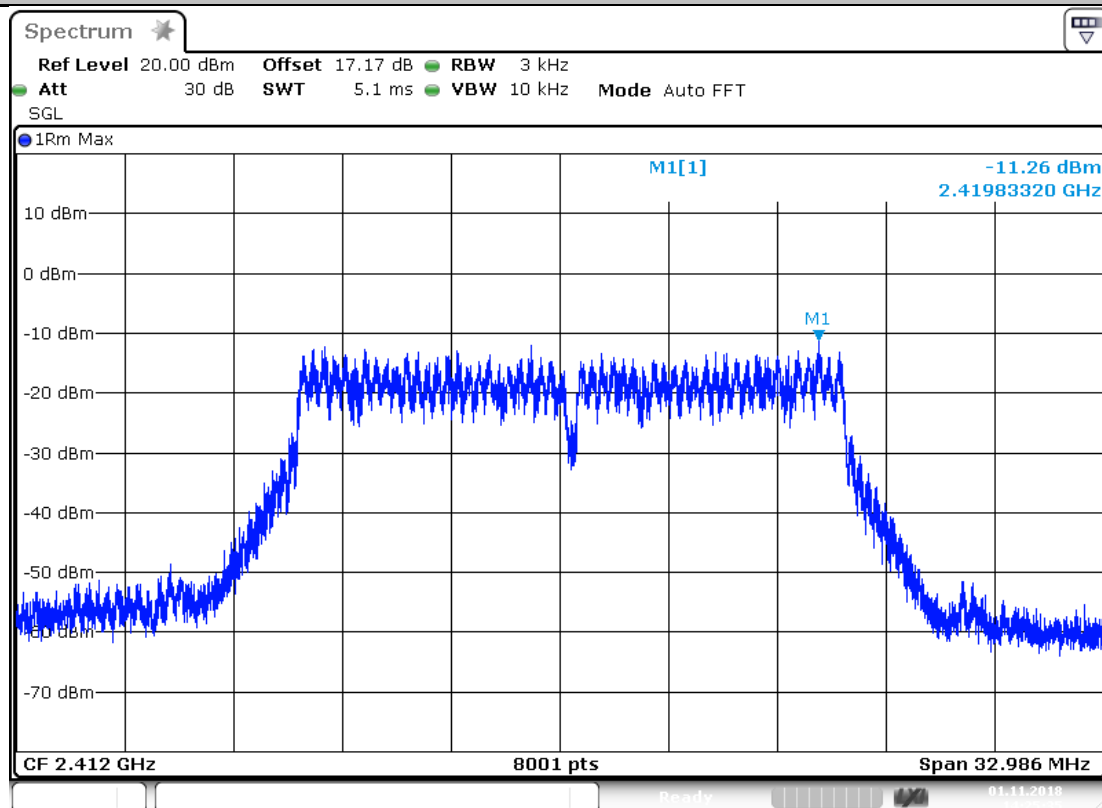


Maximum(average) power spectral density_11B_2462



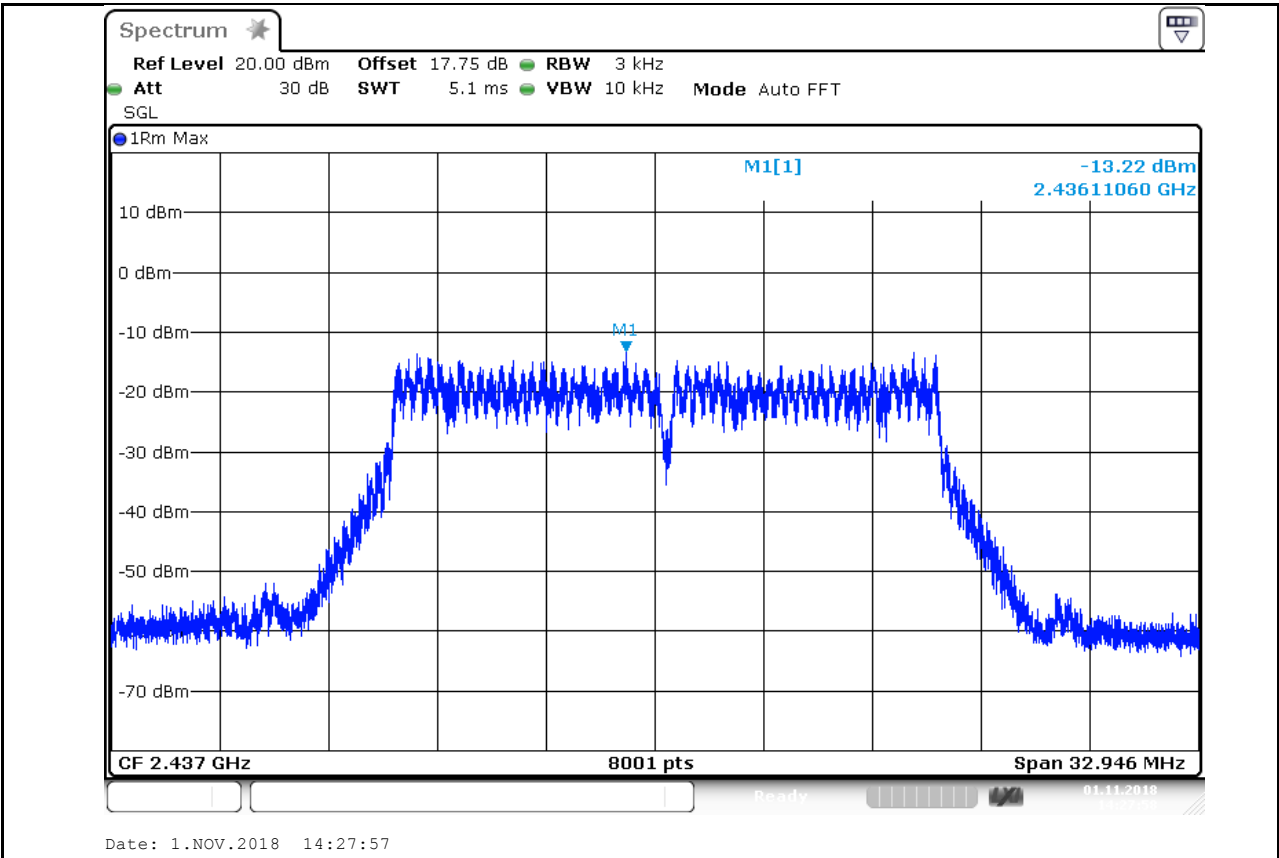
Date: 1.NOV.2018 14:23:40

Maximum(average) power spectral density_11G_2412

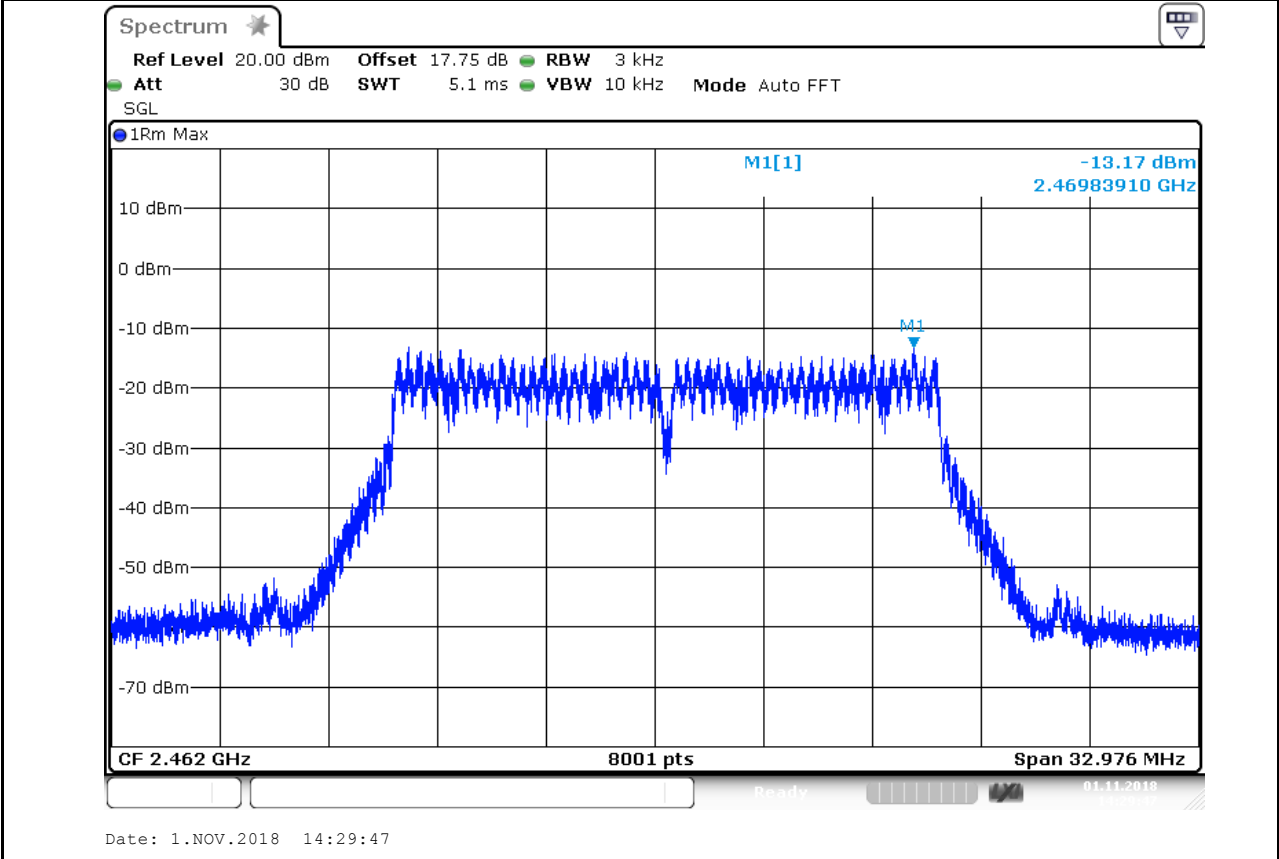


Date: 1.NOV.2018 14:25:35

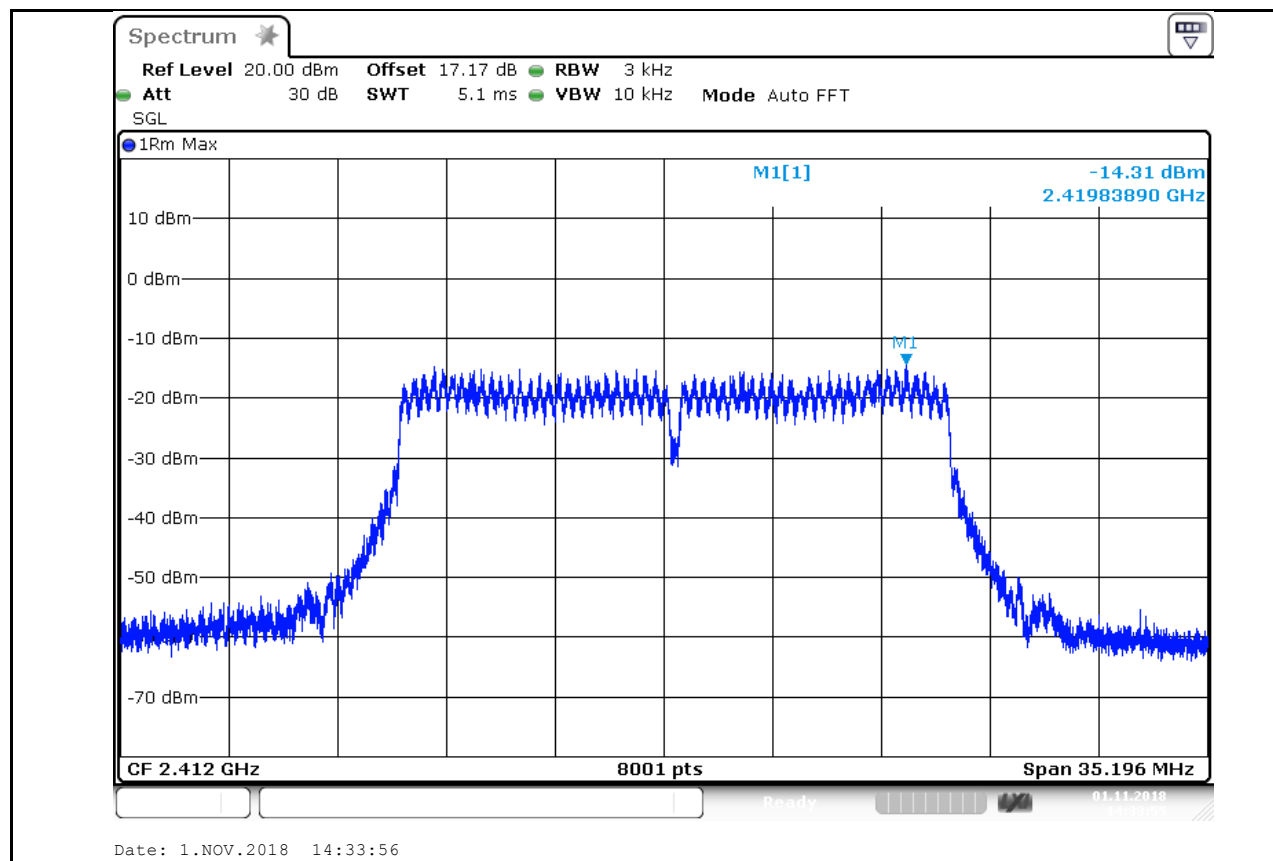
Maximum(average) power spectral density_11G_2437



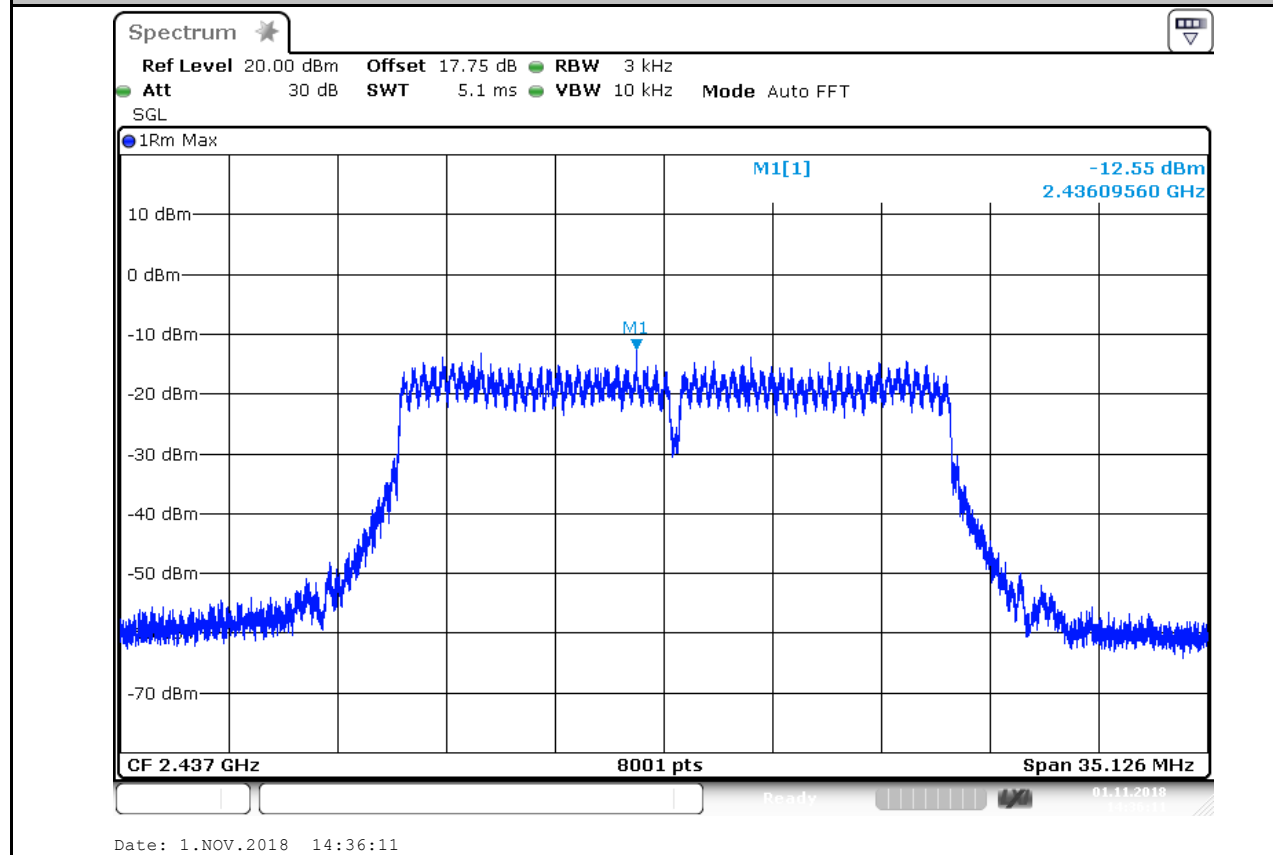
Maximum(average) power spectral density_11G_2462



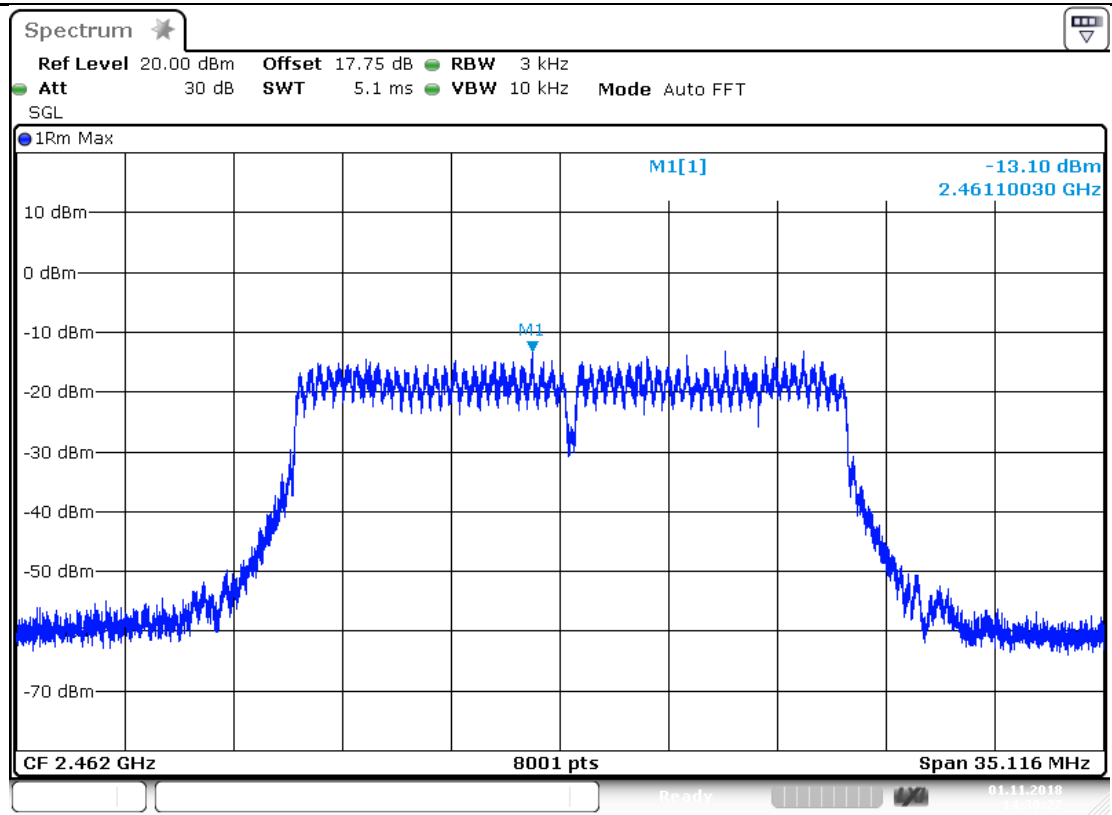
Maximum(average) power spectral density_11N20_2412



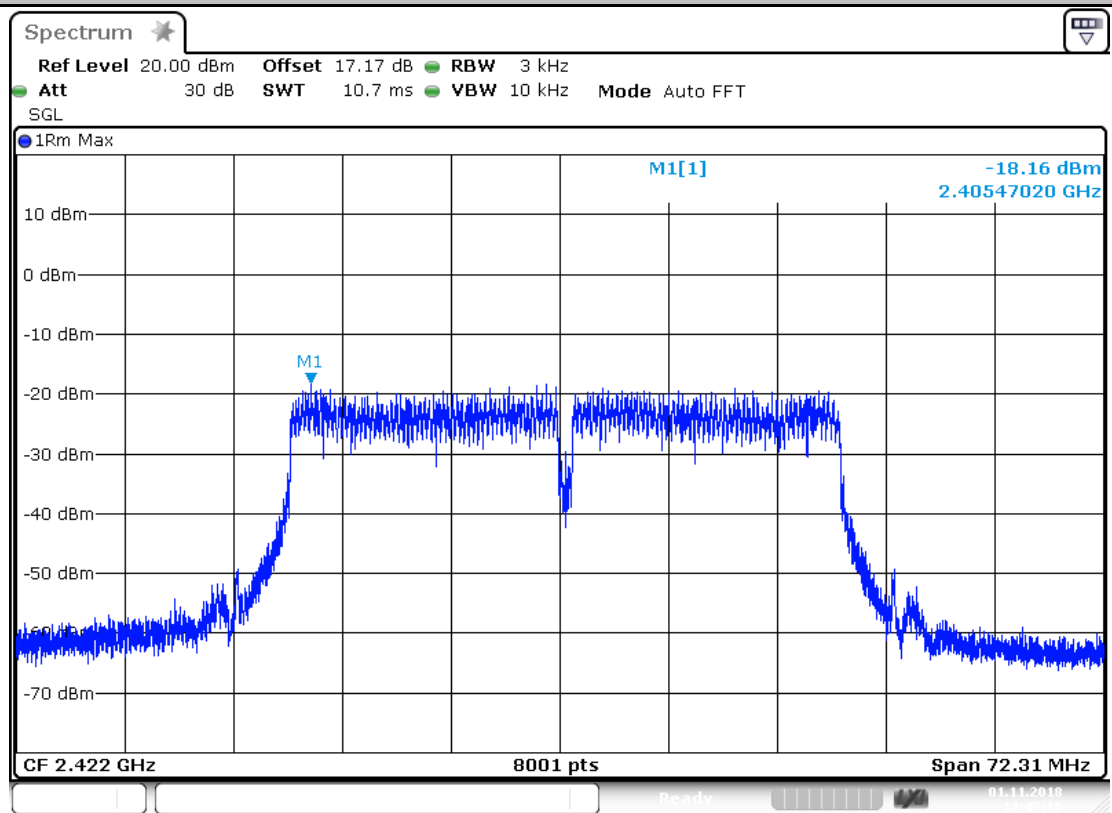
Maximum(average) power spectral density_11N20_2437



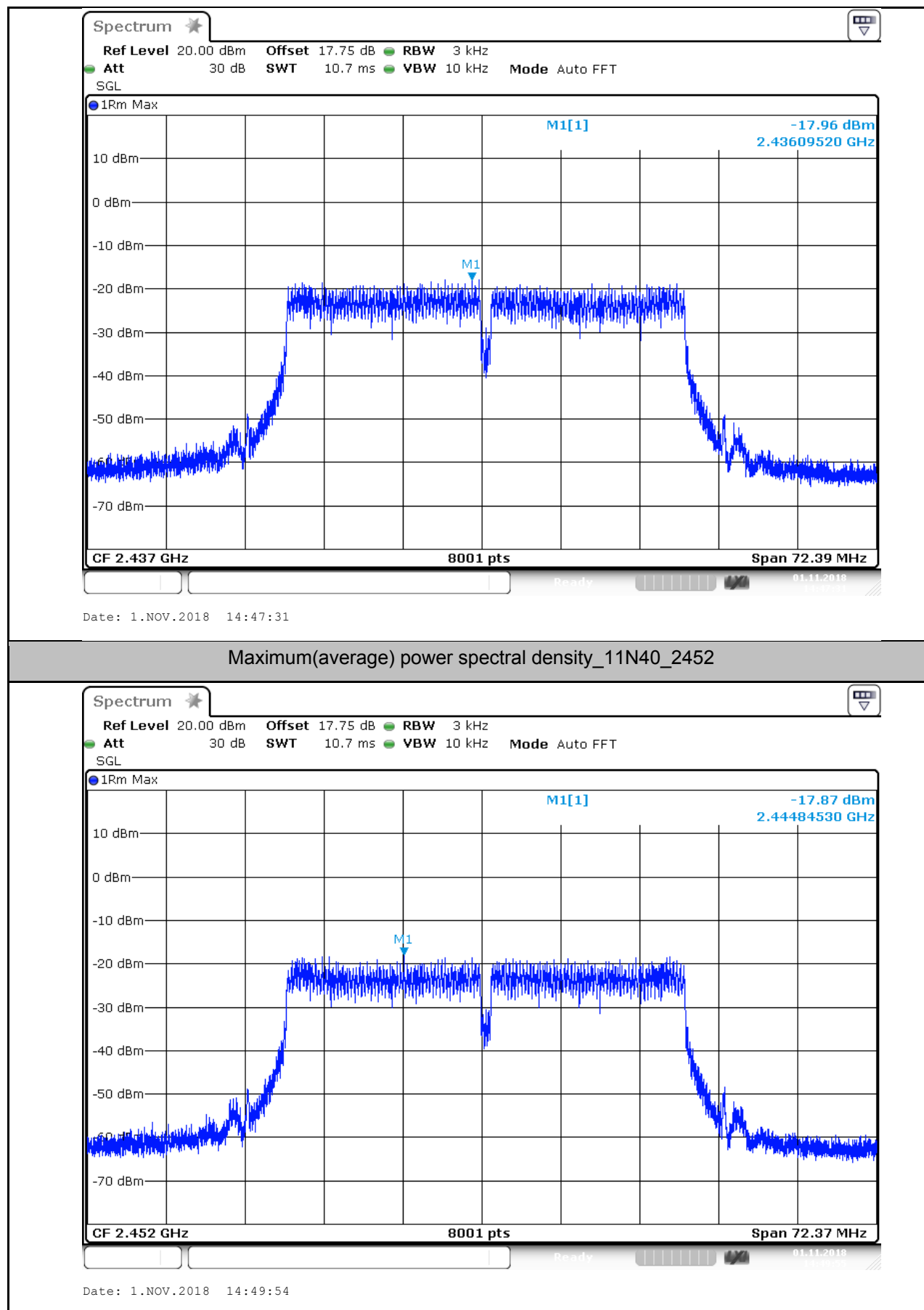
Maximum(average) power spectral density_11N20_2462



Maximum(average) power spectral density_11N40_2422



Maximum(average) power spectral density_11N40_2437





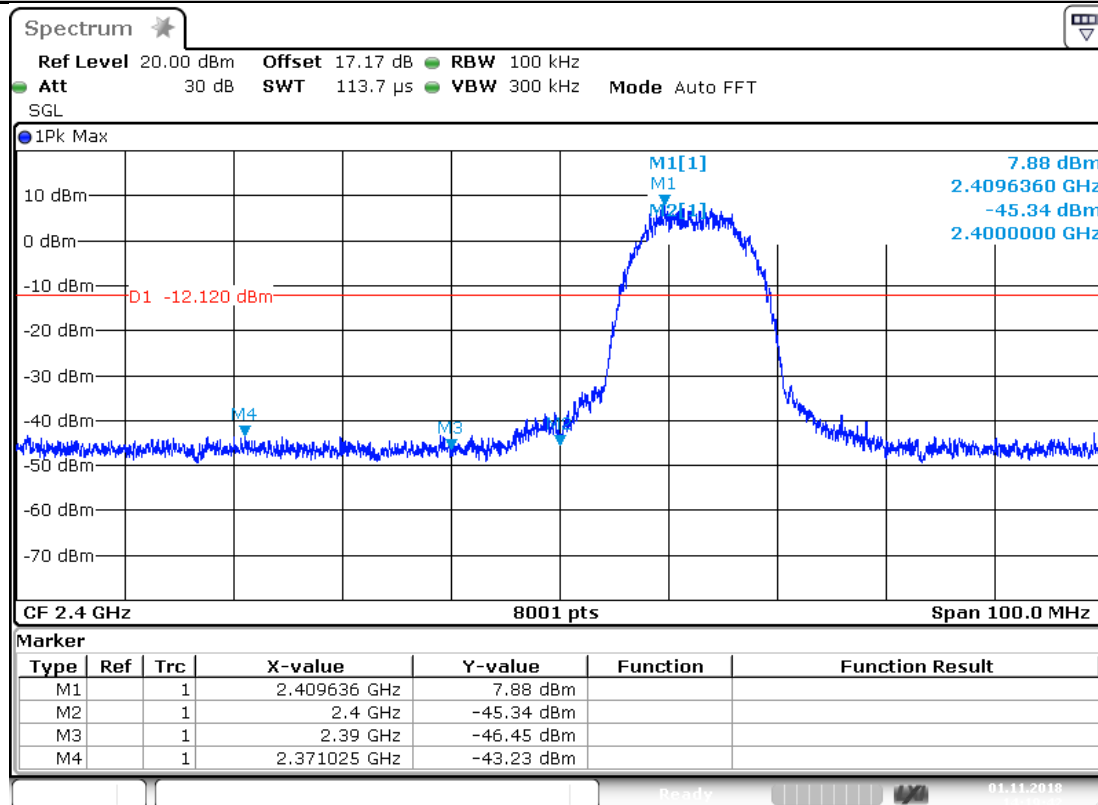
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	7.880	-43.233	-12.12	PASS
11B	2462	8.280	-42.025	-11.72	PASS
11G	2412	4.690	-41.213	-15.31	PASS
11G	2462	2.440	-42.594	-17.56	PASS
11N20	2412	1.610	-42.610	-18.39	PASS
11N20	2462	-0.250	-42.433	-20.25	PASS
11N40	2422	-2.510	-37.181	-22.51	PASS
11N40	2452	-0.990	-41.501	-20.99	PASS



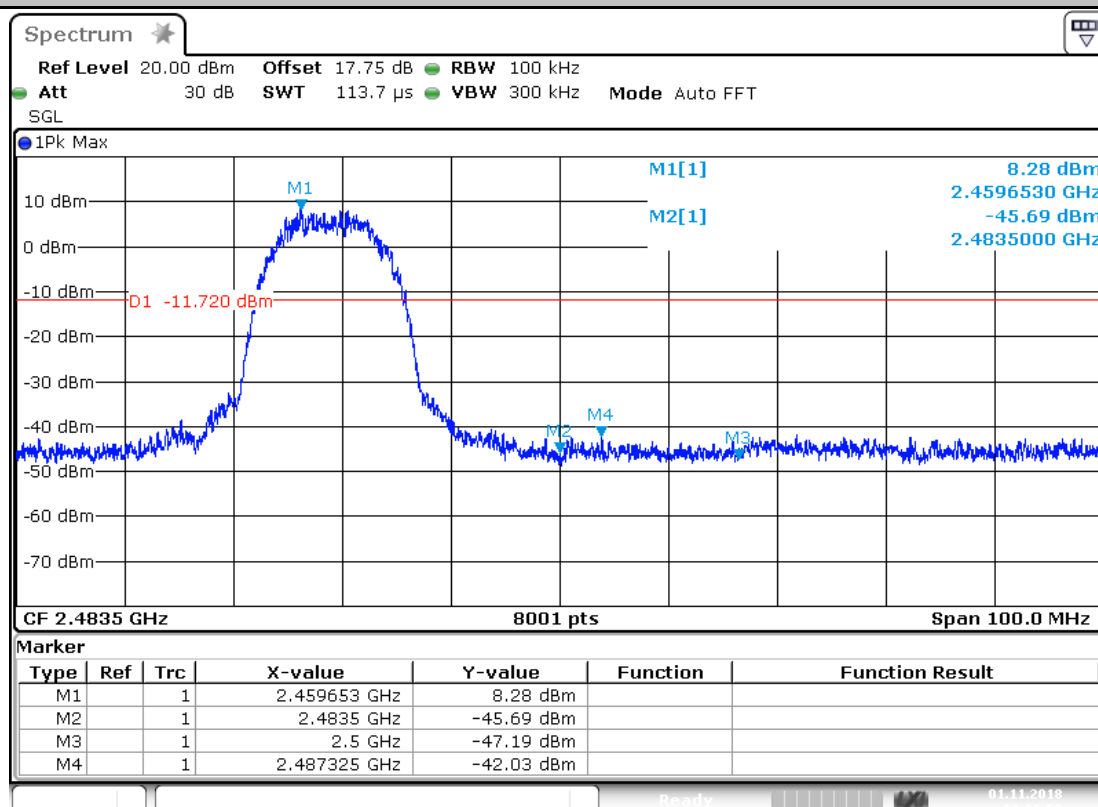
TEST PLOT

Band-edge for RF Conducted Emissions_11B_2412



Date: 1.NOV.2018 14:19:42

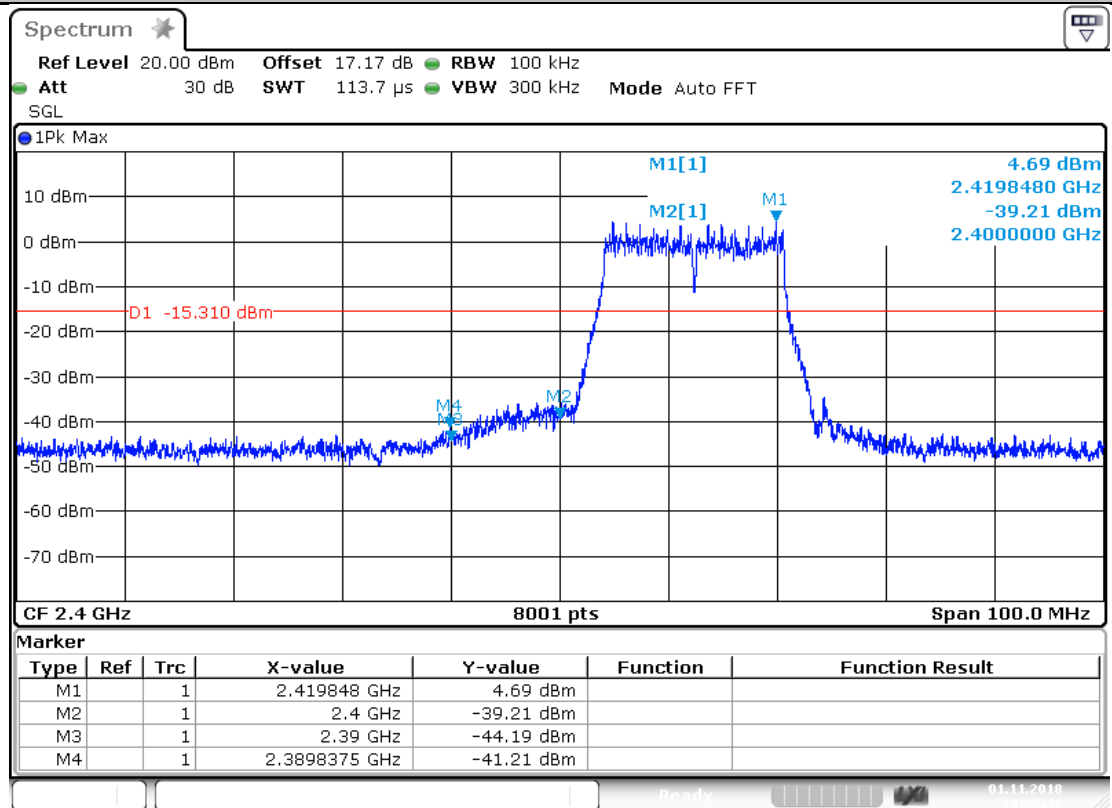
Band-edge for RF Conducted Emissions_11B_2462



Date: 1.NOV.2018 14:23:53

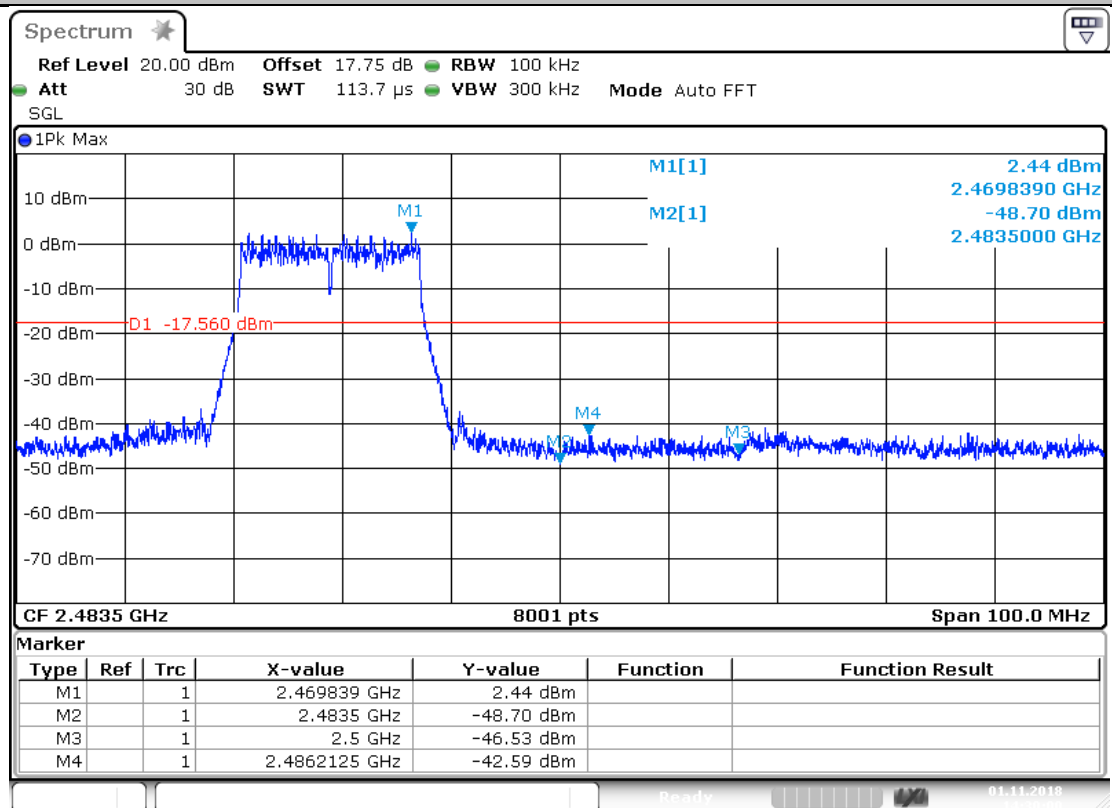


Band-edge for RF Conducted Emissions_11G_2412



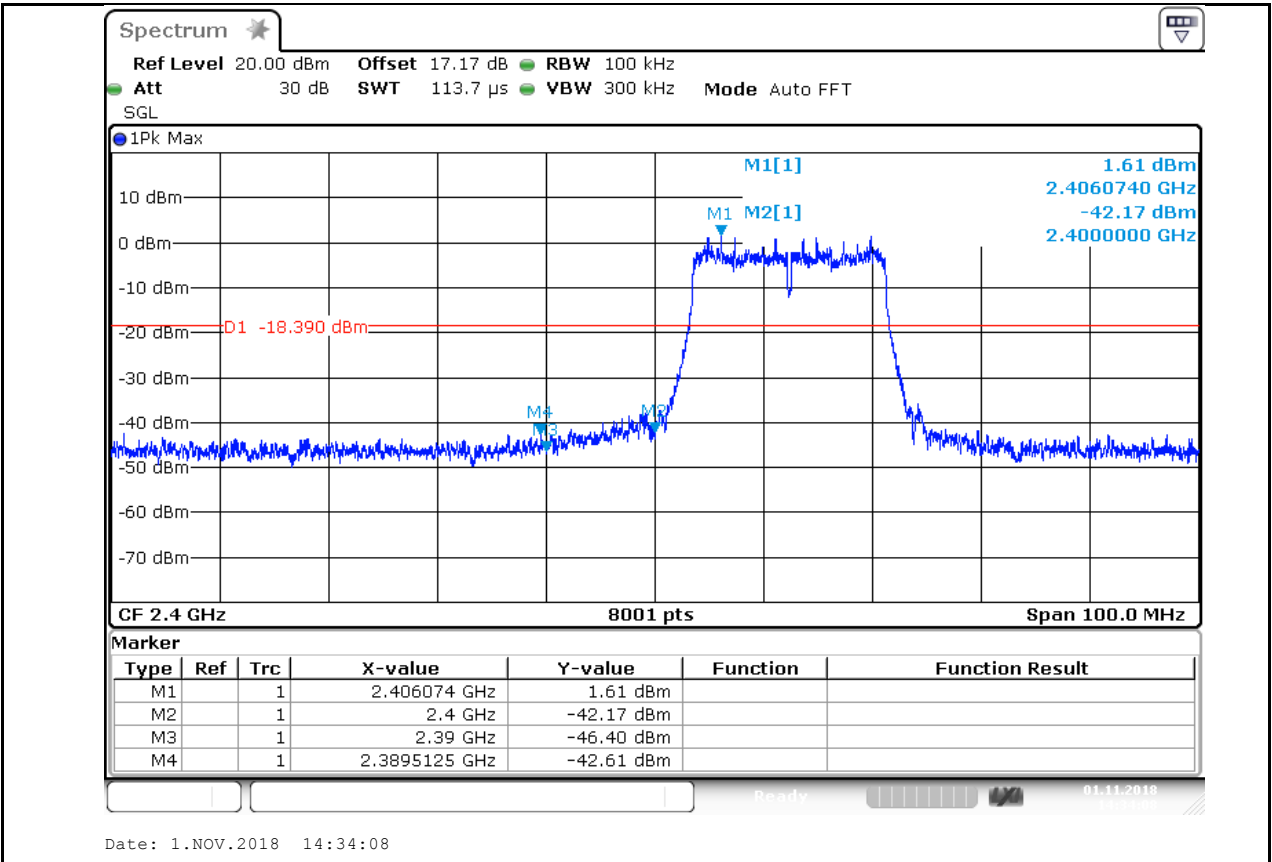
Date: 1.NOV.2018 14:25:48

Band-edge for RF Conducted Emissions_11G_2462

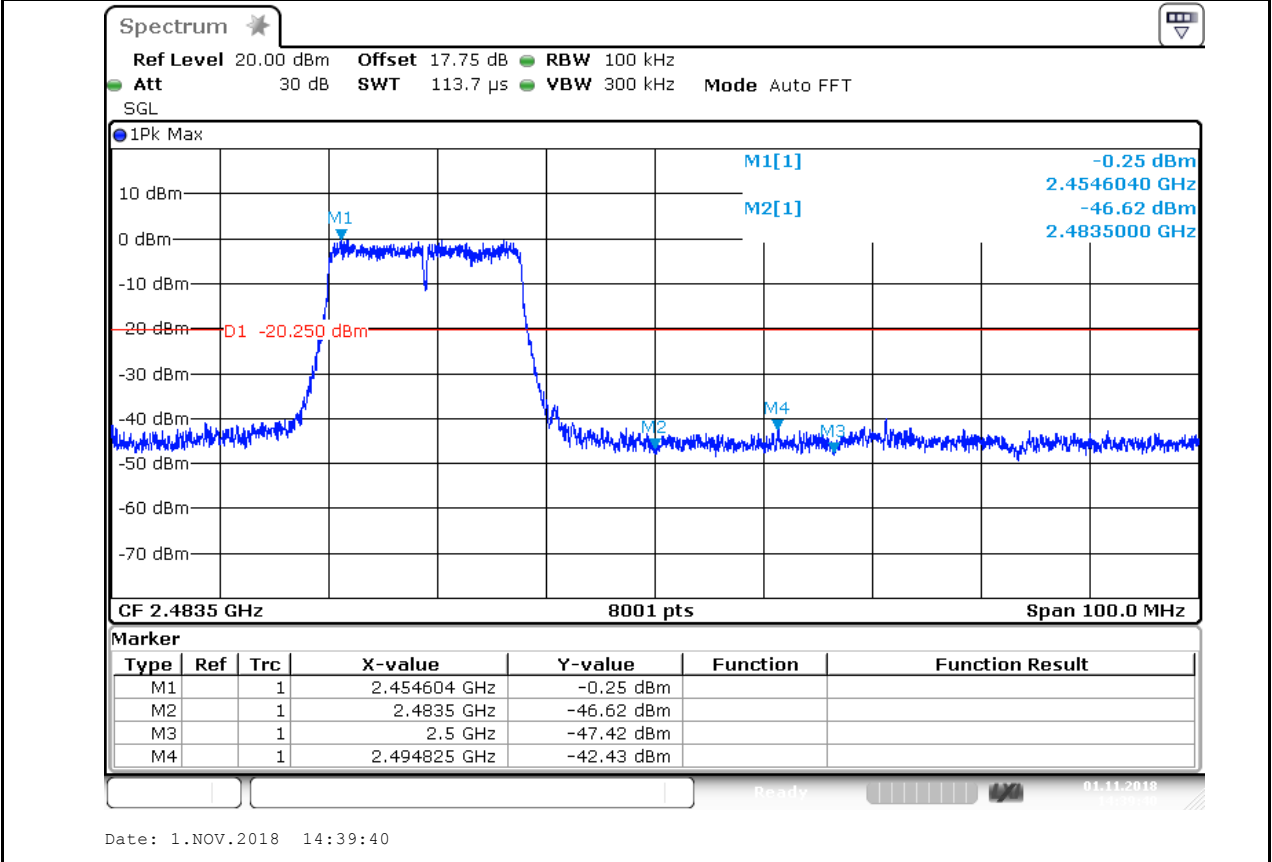


Date: 1.NOV.2018 14:30:00

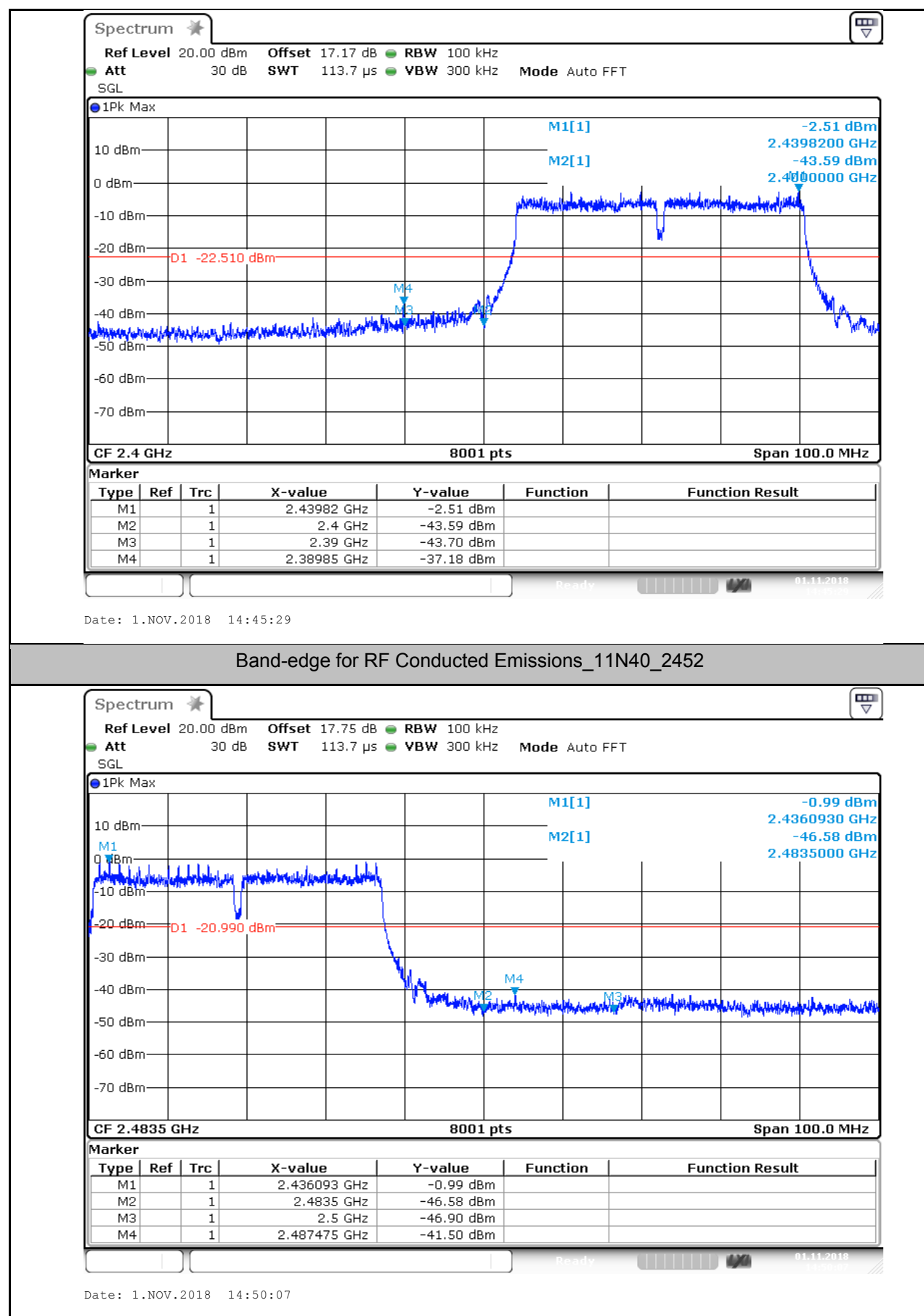
Band-edge for RF Conducted Emissions_11N20_2412



Band-edge for RF Conducted Emissions_11N20_2462



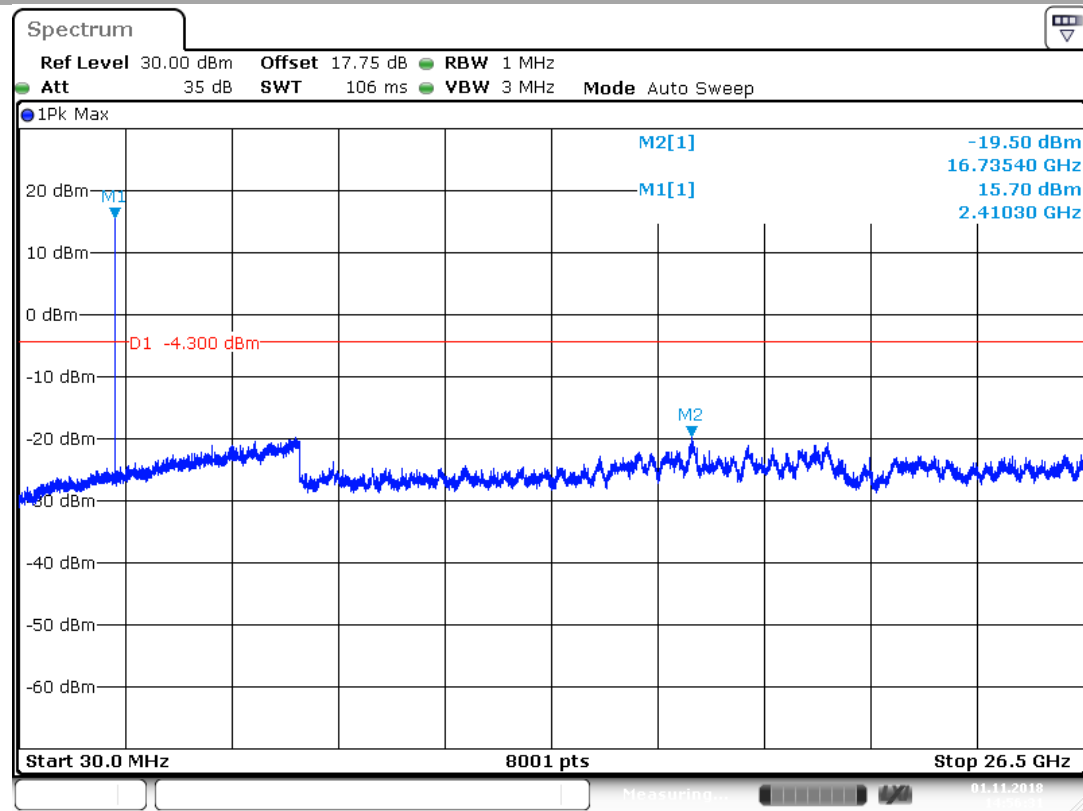
Band-edge for RF Conducted Emissions_11N40_2422





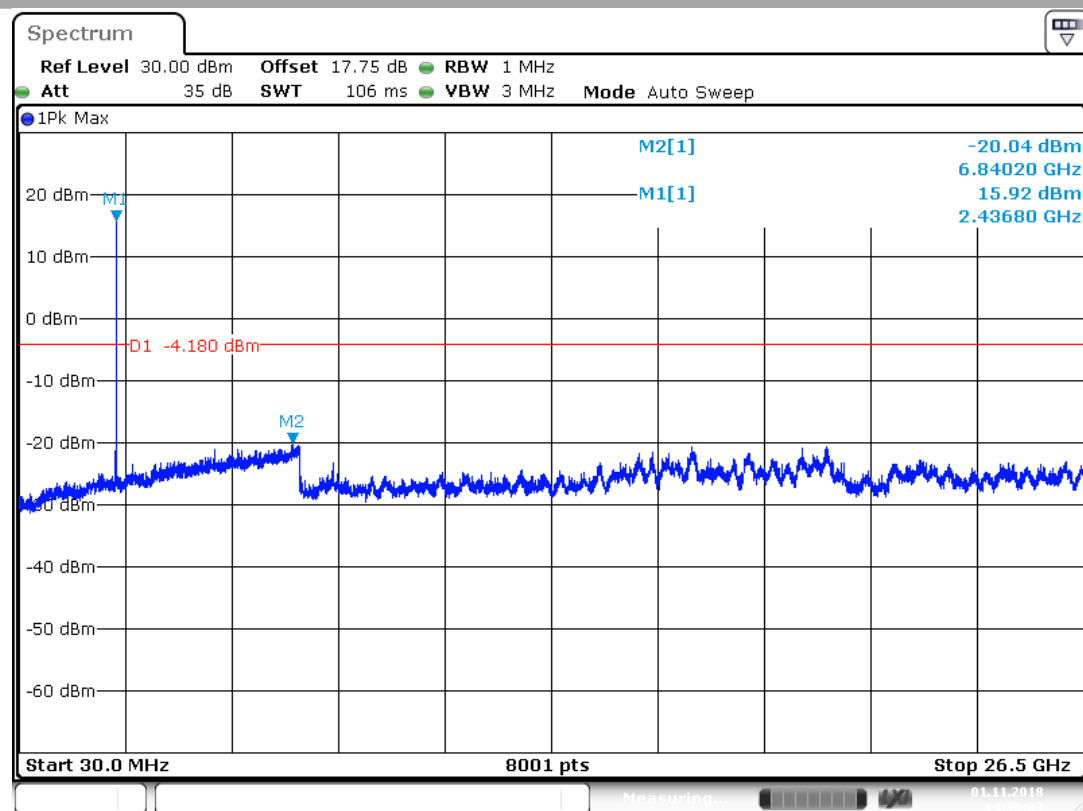
6.RF Conducted Spurious Emissions

RF Conducted Spurious Emissions_11B_2412



Date: 1.NOV.2018 14:56:31

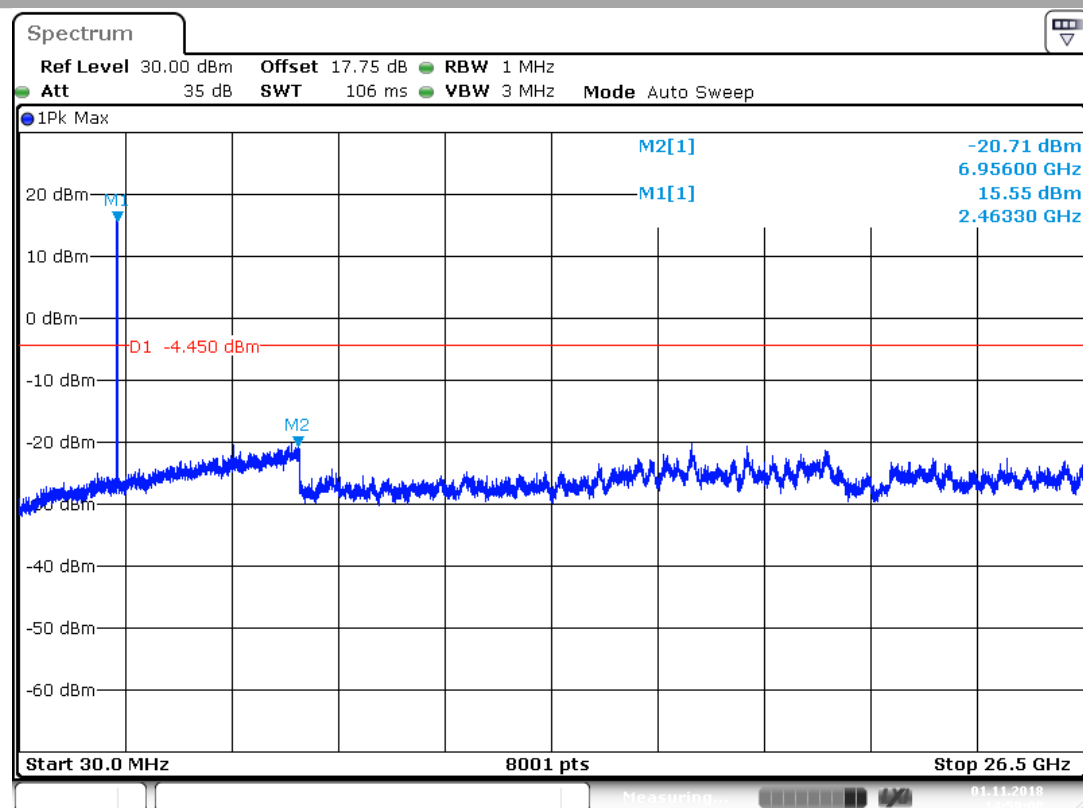
RF Conducted Spurious Emissions_11B_2437



Date: 1.NOV.2018 14:58:03

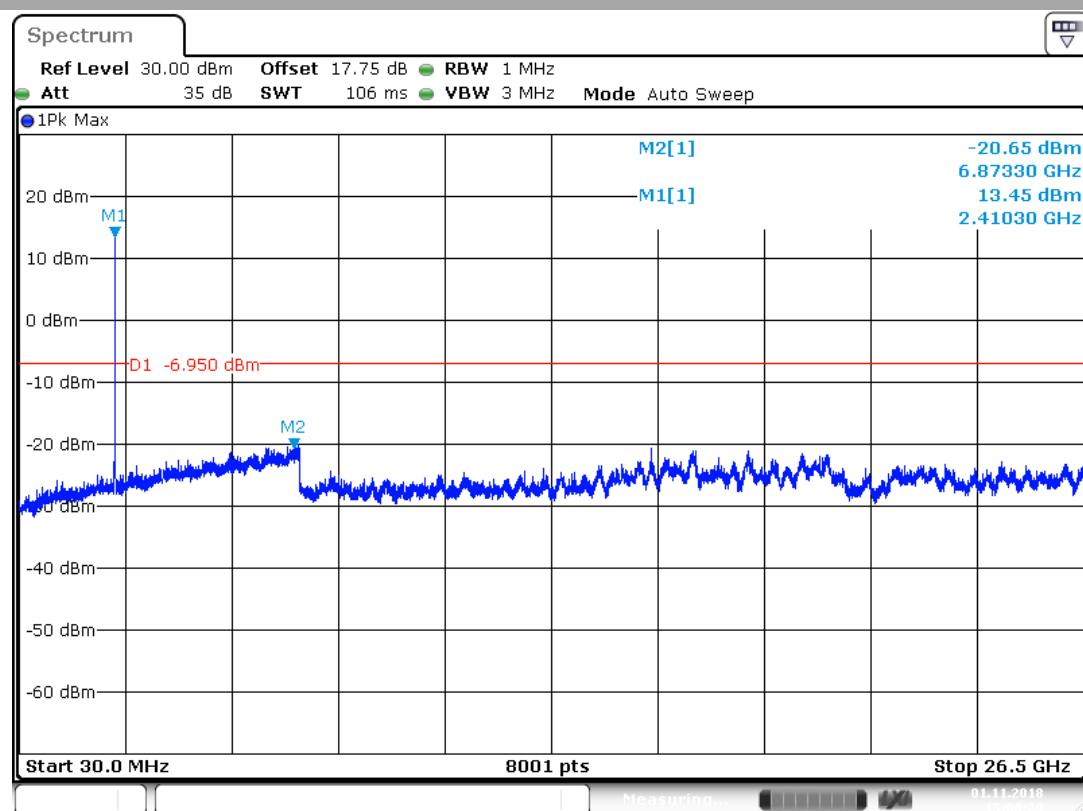


RF Conducted Spurious Emissions_11B_2462



Date: 1.NOV.2018 14:59:00

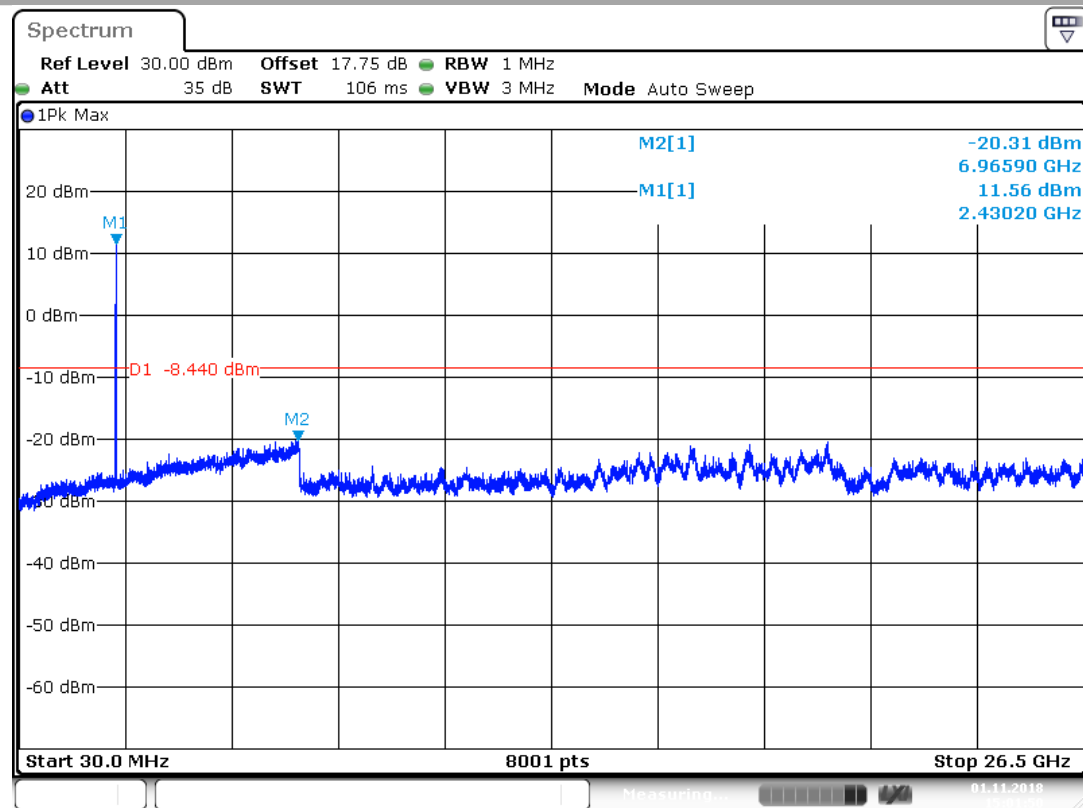
RF Conducted Spurious Emissions_11G_2412



Date: 1.NOV.2018 15:00:29

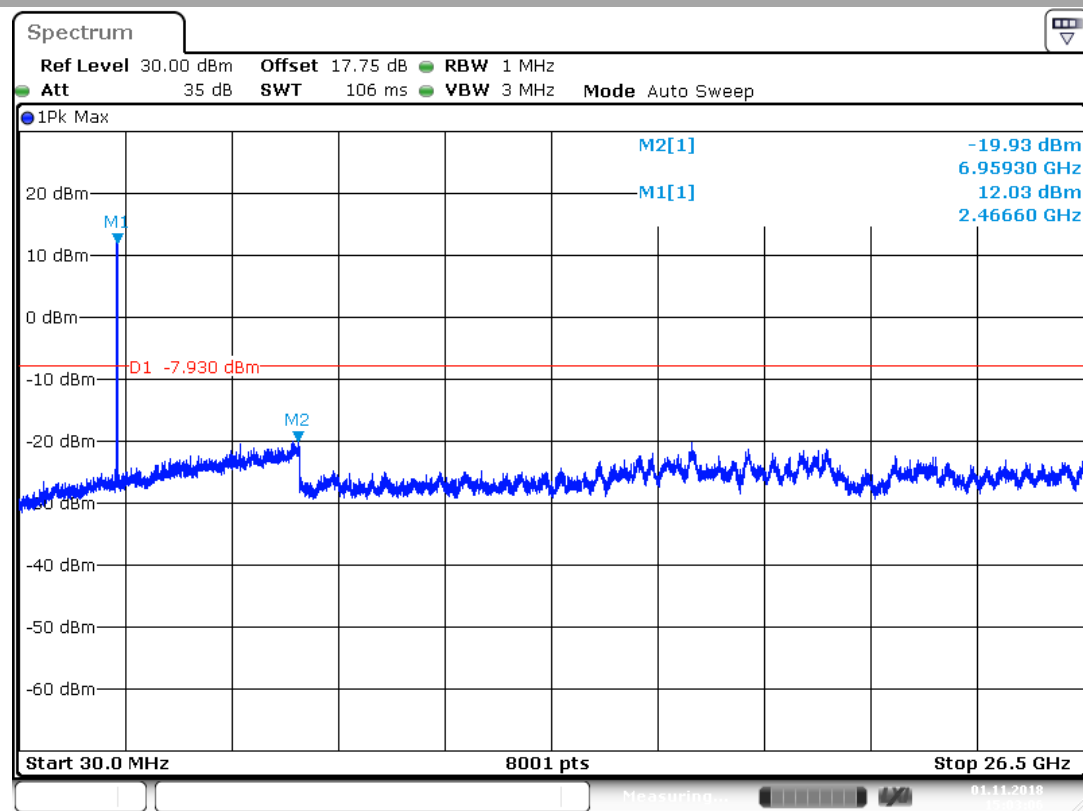


RF Conducted Spurious Emissions_11G_2437



Date: 1.NOV.2018 15:01:50

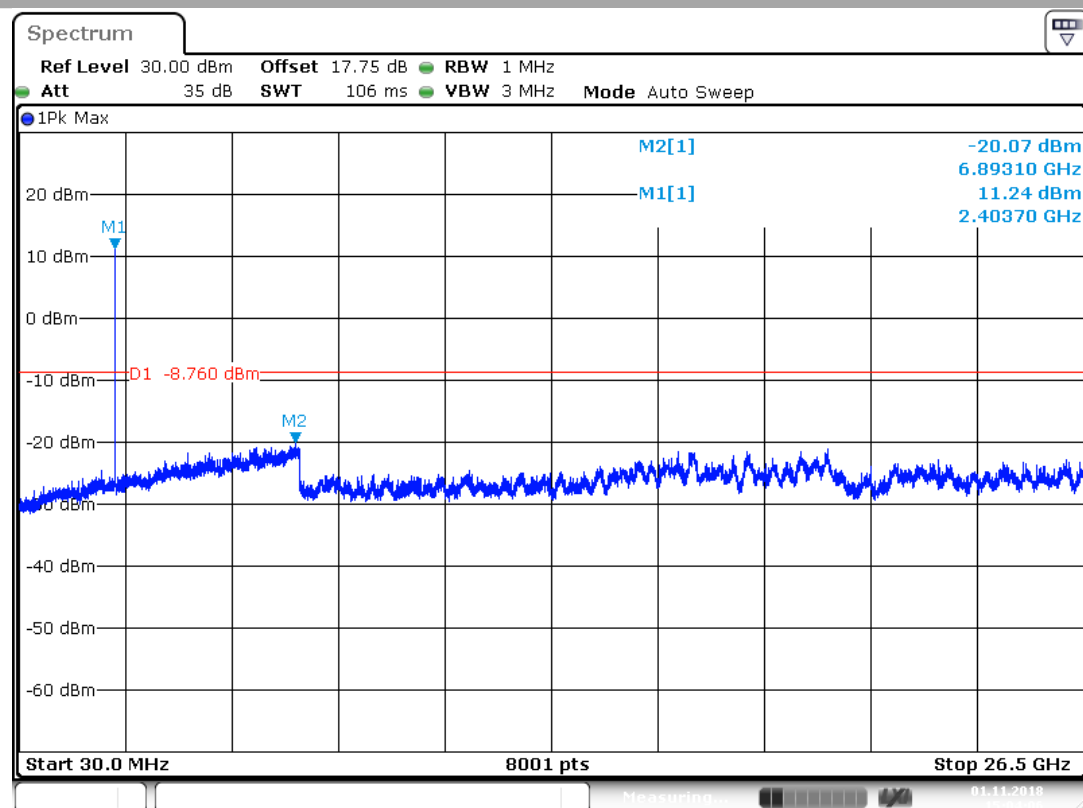
RF Conducted Spurious Emissions_11G_2462



Date: 1.NOV.2018 15:03:06

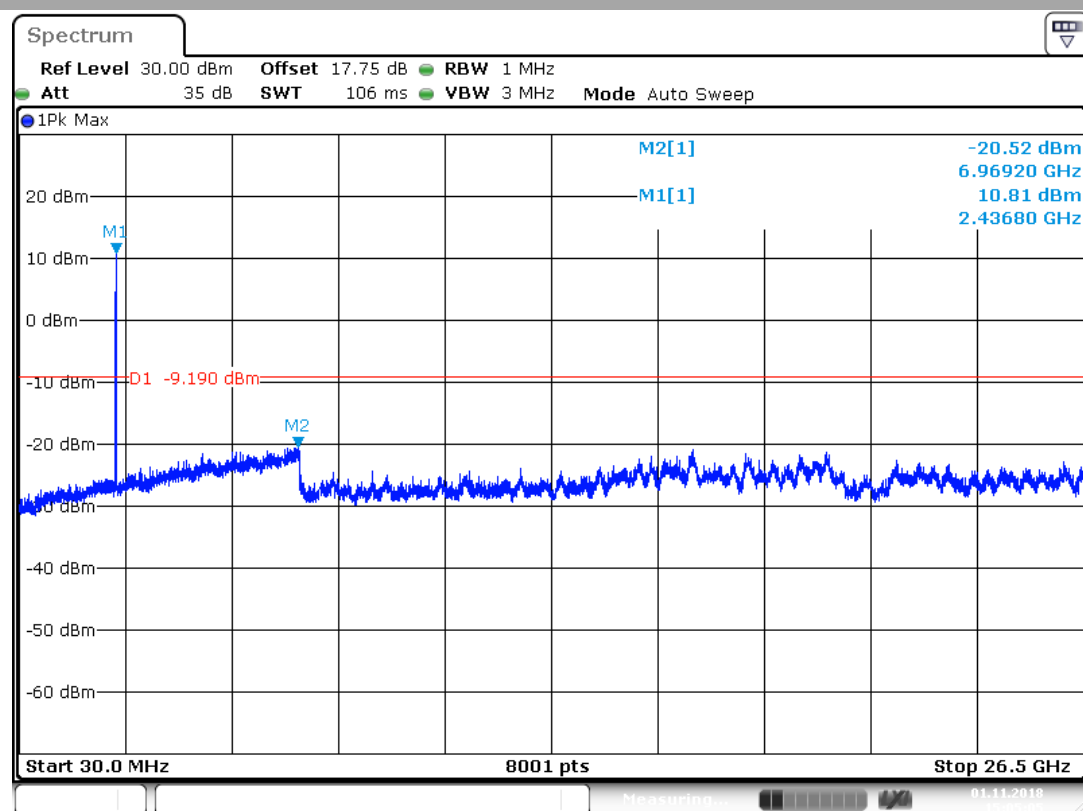


RF Conducted Spurious Emissions_11N20_2412



Date: 1.NOV.2018 15:04:06

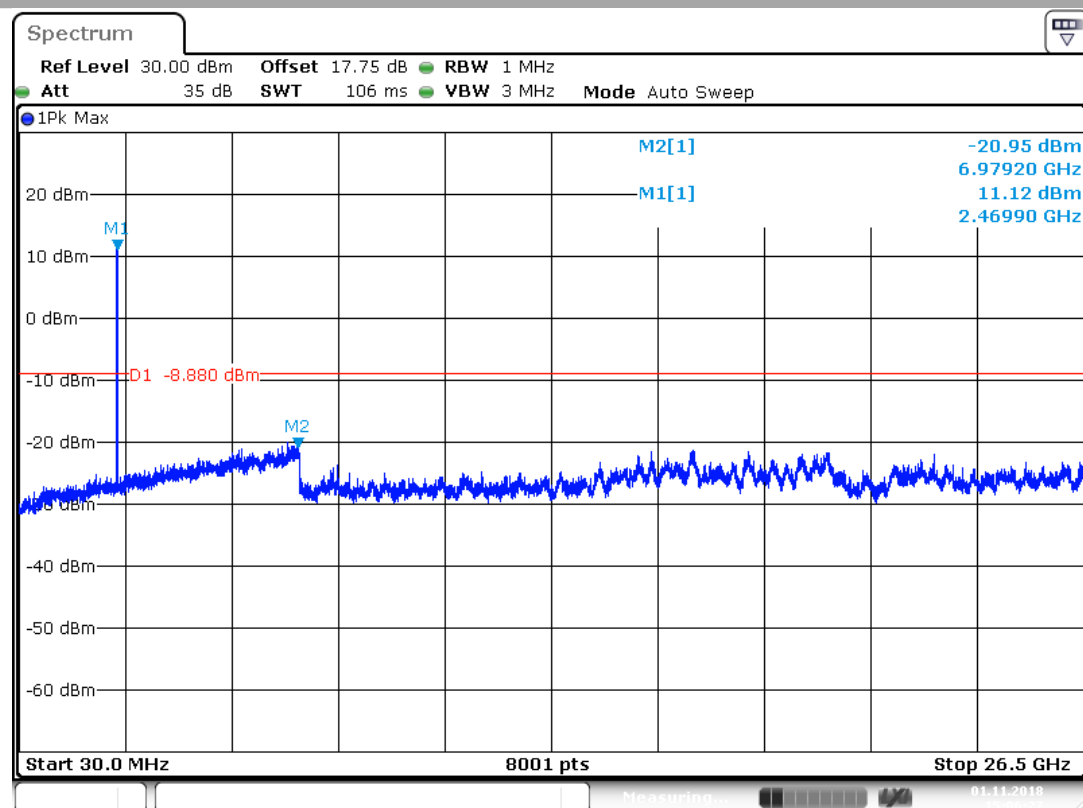
RF Conducted Spurious Emissions_11N20_2437



Date: 1.NOV.2018 15:05:05

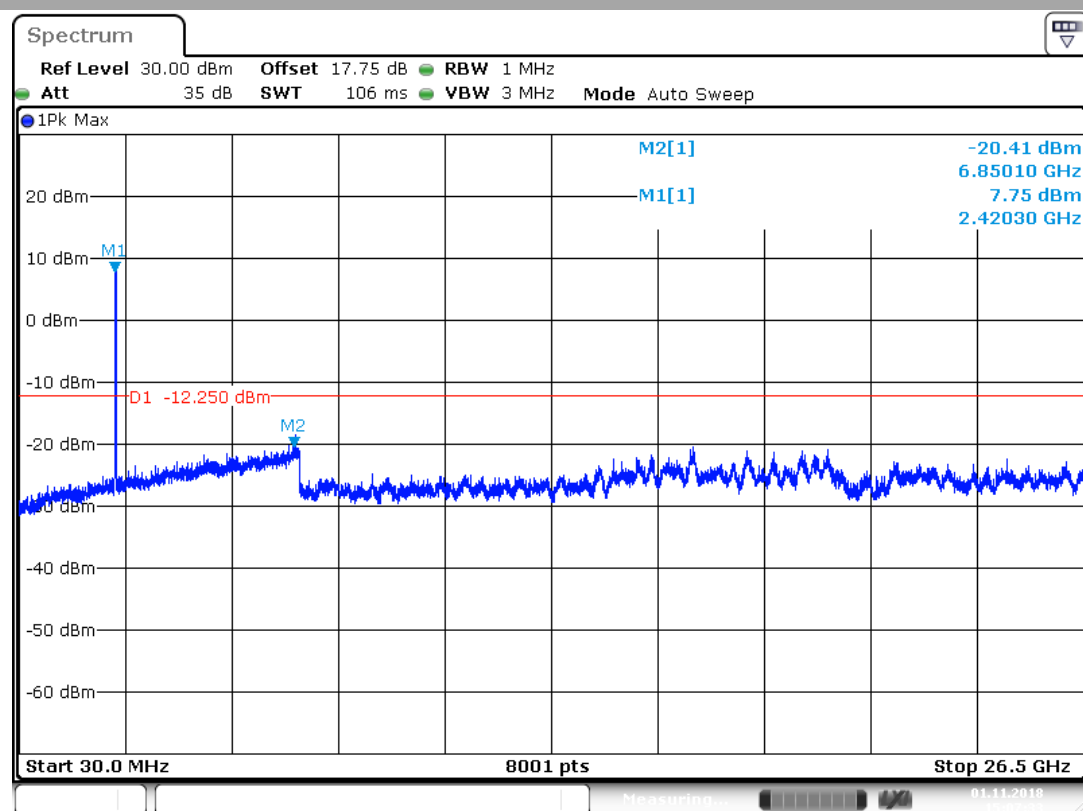


RF Conducted Spurious Emissions_11N20_2462



Date: 1.NOV.2018 15:06:27

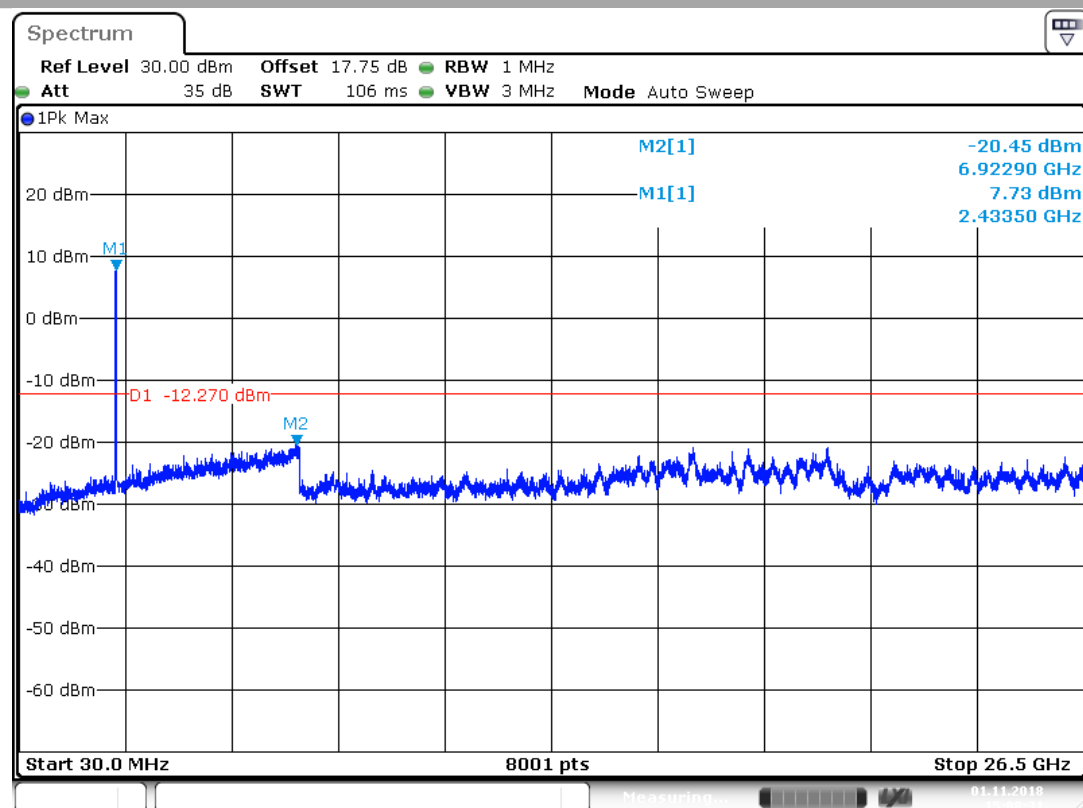
RF Conducted Spurious Emissions_11N40_2422



Date: 1.NOV.2018 15:07:33

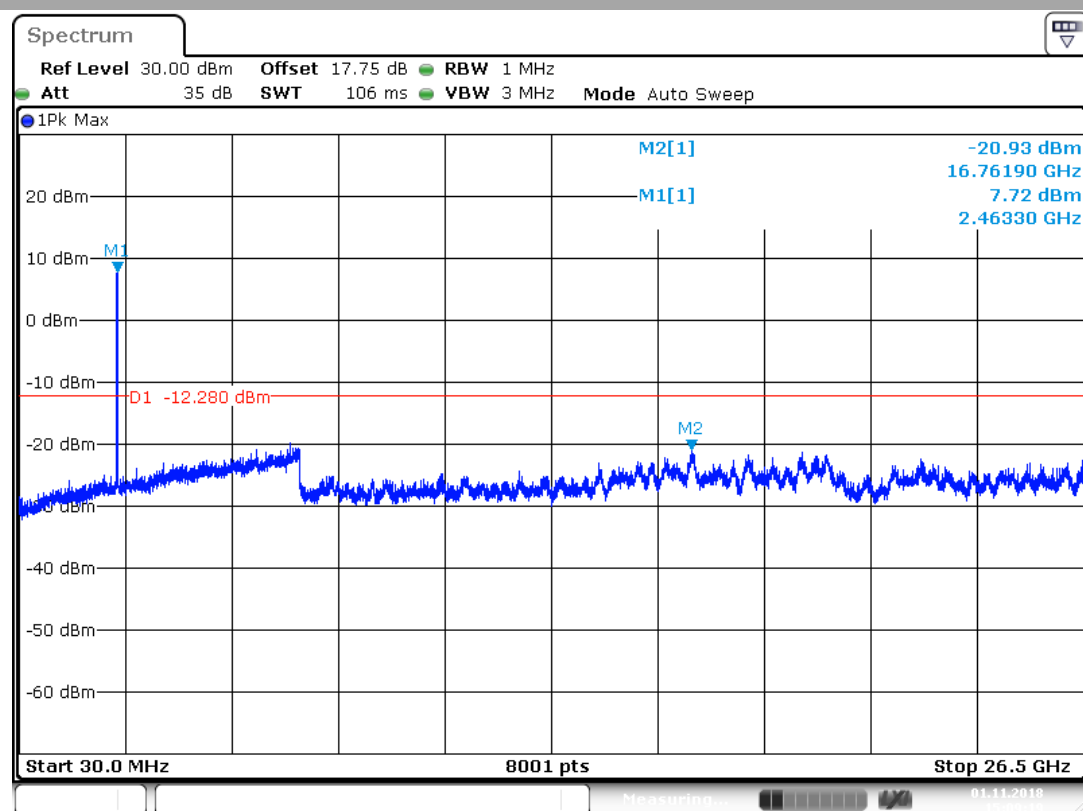


RF Conducted Spurious Emissions_11N40_2437



Date: 1.NOV.2018 15:08:31

RF Conducted Spurious Emissions_11N40_2452



Date: 1.NOV.2018 15:09:18