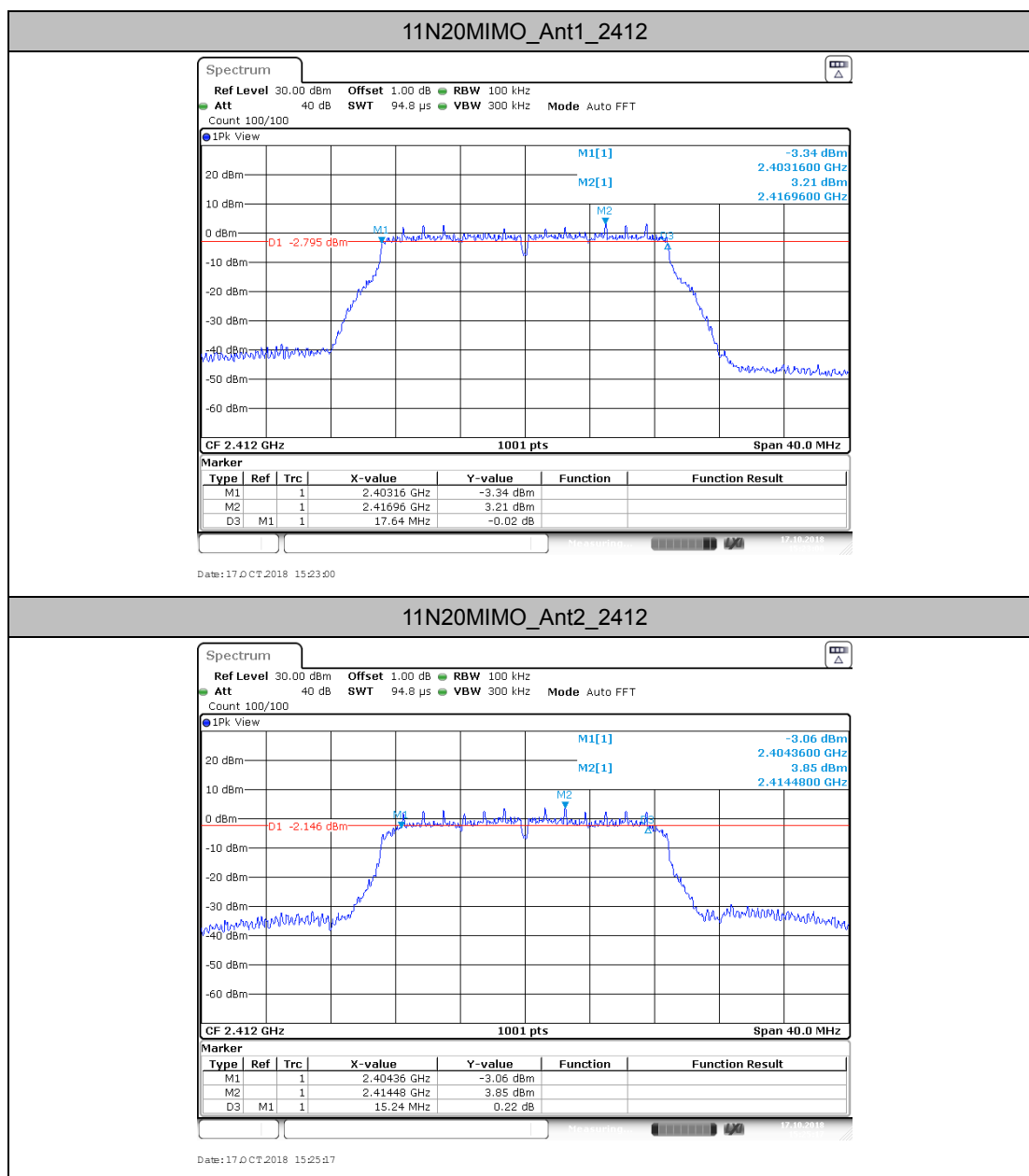


Appendix A3: DTS Bandwidth

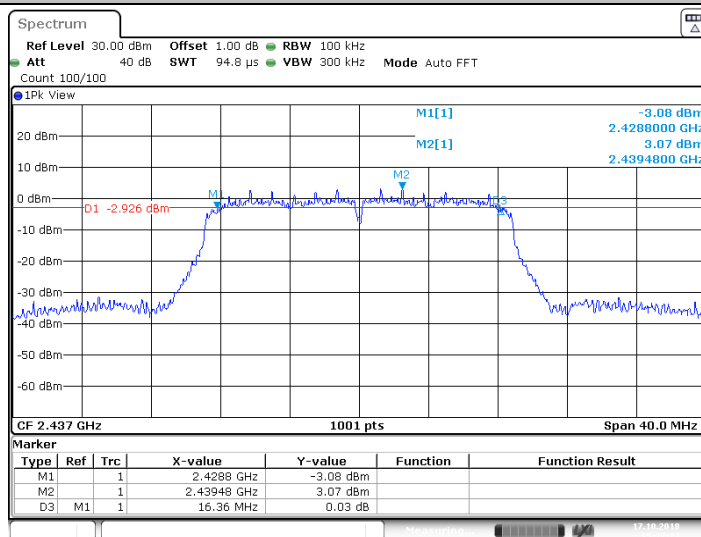
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20MIMO	Ant1	2412	17.640	2403.160	2420.800	---	PASS
	Ant2	2412	15.240	2404.360	2419.600	---	PASS
	Ant1	2437	16.360	2428.800	2445.160	---	PASS
	Ant2	2437	15.560	2429.360	2444.920	---	PASS
	Ant1	2462	15.880	2454.040	2469.920	---	PASS
	Ant2	2462	16.120	2453.800	2469.920	---	PASS
11N40MIMO	Ant1	2422	36.480	2403.760	2440.240	---	PASS
	Ant2	2422	36.480	2403.760	2440.240	---	PASS
	Ant1	2437	36.480	2418.760	2455.240	---	PASS
	Ant2	2437	36.480	2418.760	2455.240	---	PASS
	Ant1	2452	36.480	2433.760	2470.240	---	PASS
	Ant2	2452	36.480	2433.760	2470.240	---	PASS

Test Graphs

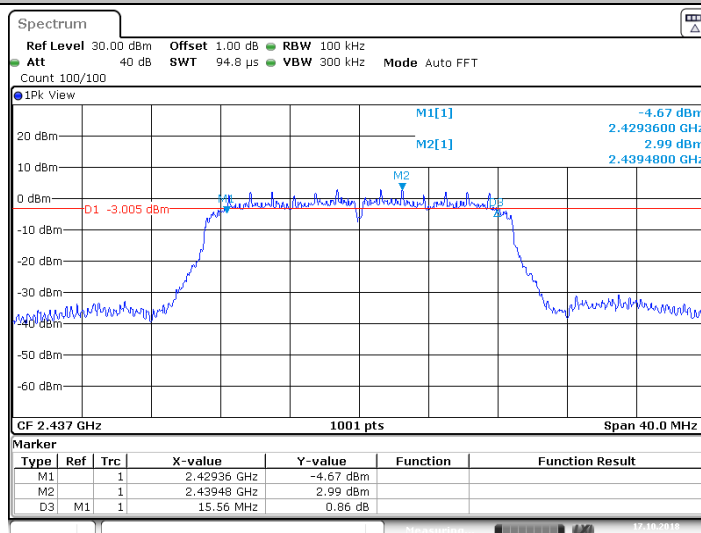


11N20MIMO_Ant1_2437



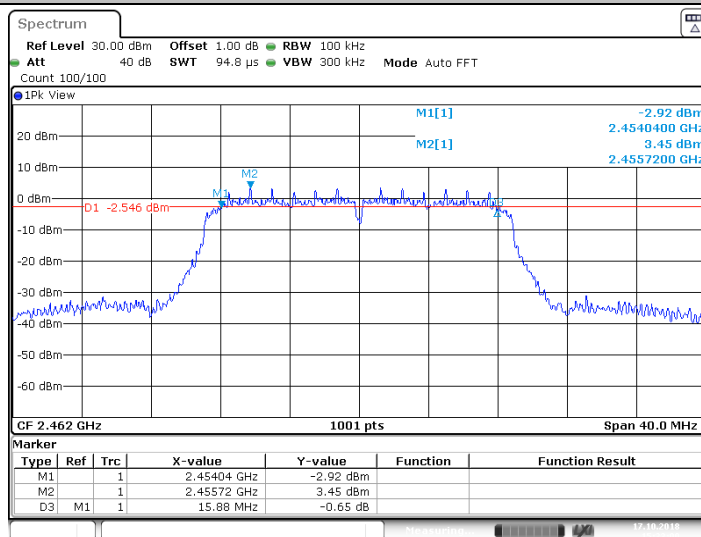
Date: 17.10.2018 15:27:24

11N20MIMO_Ant2_2437



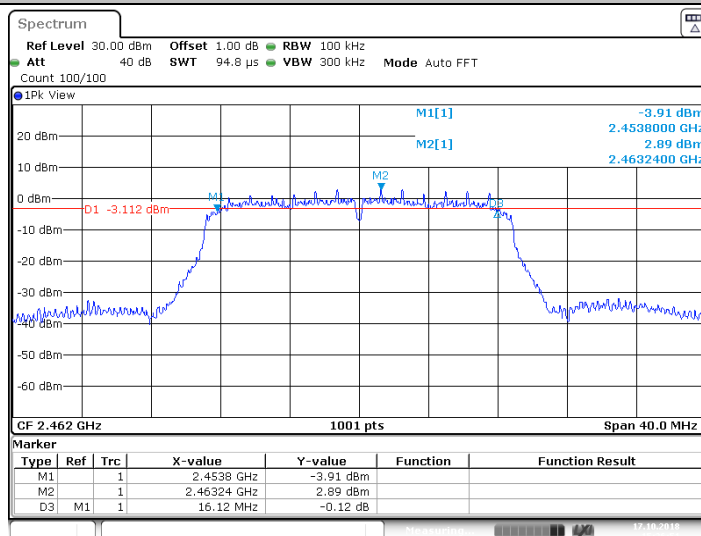
Date: 17.10.2018 15:30:03

11N20MIMO_Ant1_2462



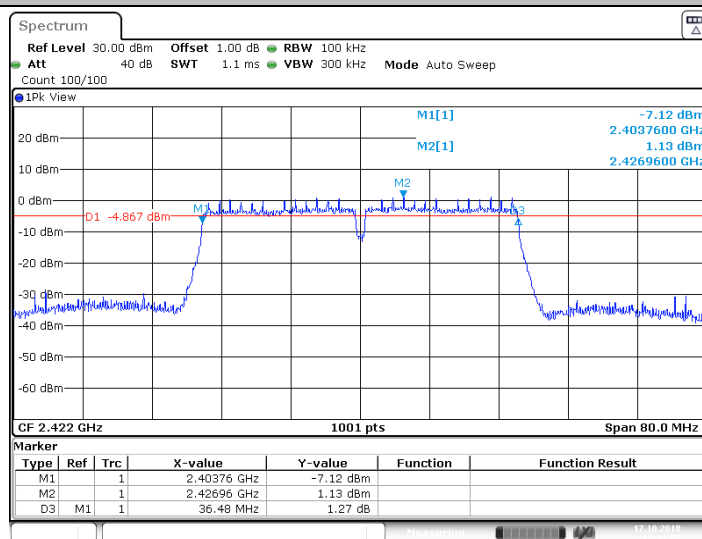
Date: 17.10.2018 15:33:01

11N20MIMO_Ant2_2462



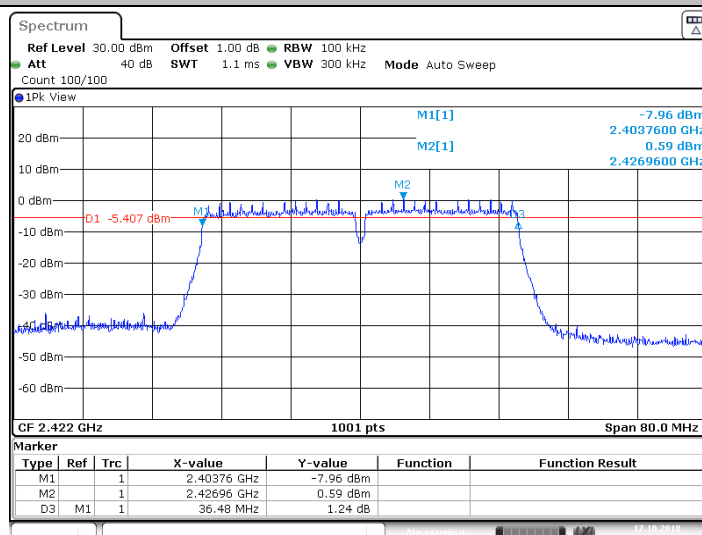
Date: 17.10.2018 15:36:52

11N40MIMO_Ant1_2422



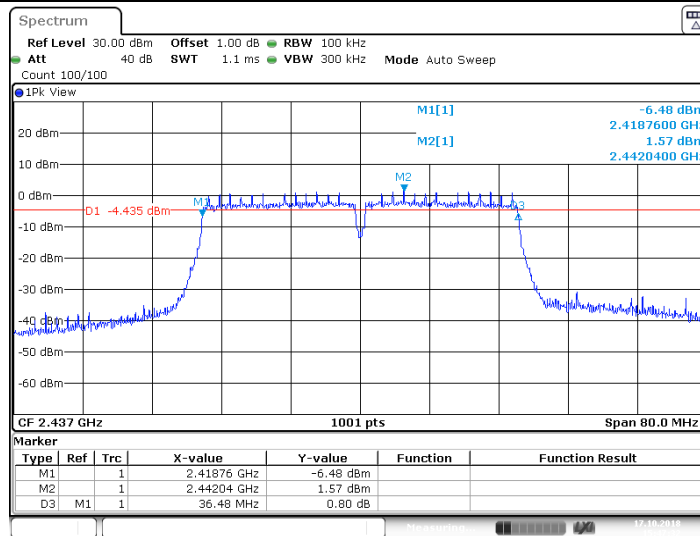
Date: 17.10.2018 15:41:57

11N40MIMO_Ant2_2422

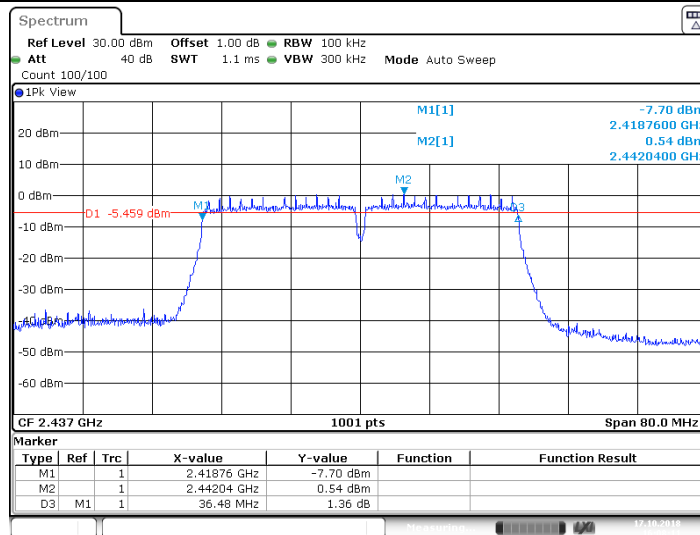


Date: 17.10.2018 16:06:17

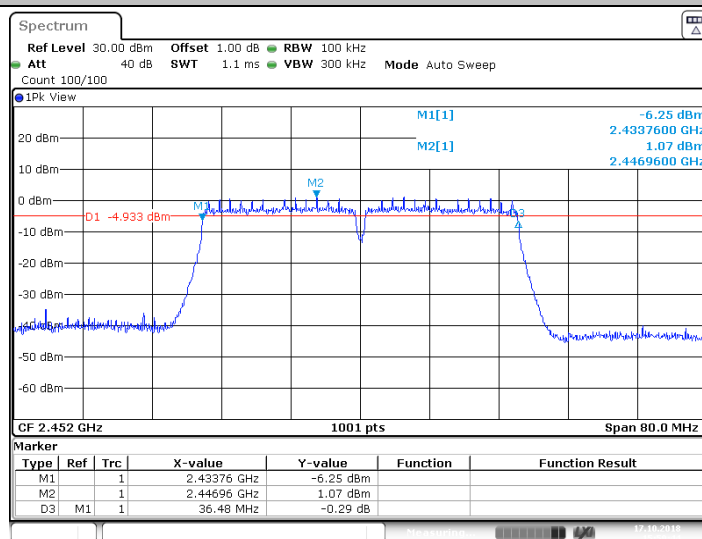
11N40MIMO_Ant1_2437



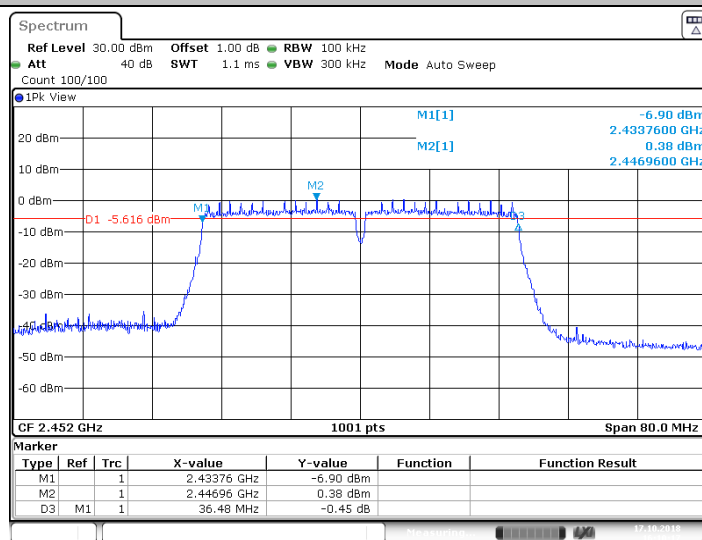
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

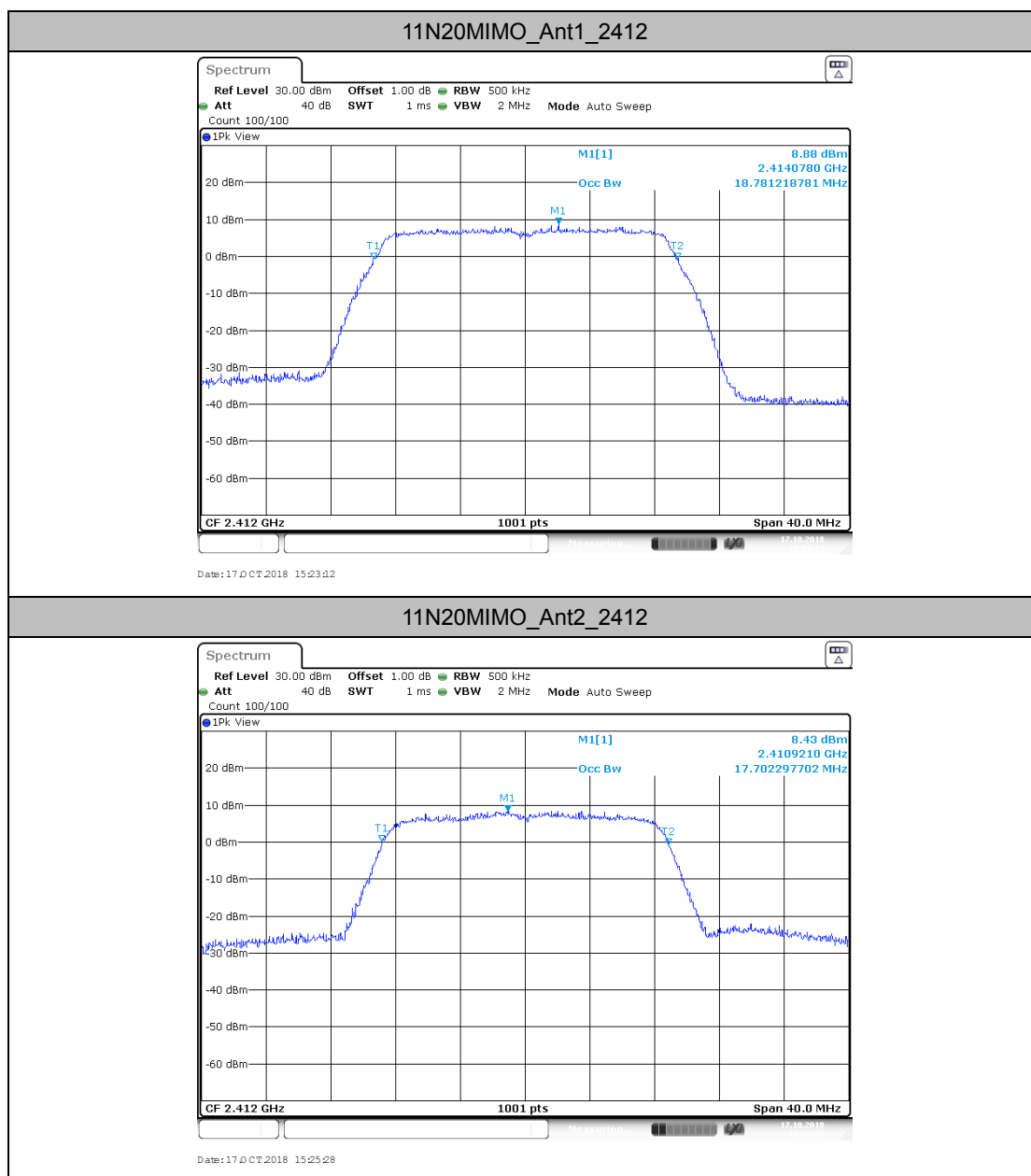


Appendix B3: Occupied Channel Bandwidth

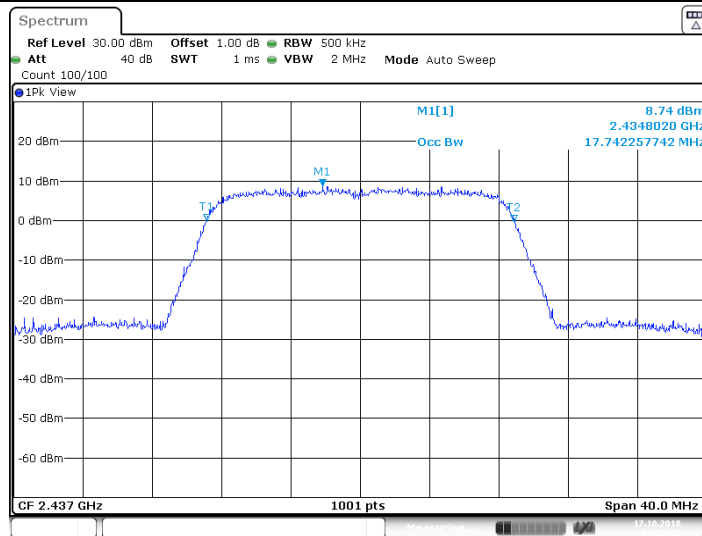
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N20MIMO	Ant1	2412	18.781	2402.649	2421.431	---	PASS
	Ant2	2412	17.702	2403.169	2420.871	---	PASS
	Ant1	2437	17.742	2428.129	2445.871	---	PASS
	Ant2	2437	17.662	2428.169	2445.831	---	PASS
	Ant1	2462	17.702	2453.129	2470.831	---	PASS
	Ant2	2462	17.622	2453.169	2470.791	---	PASS
11N40MIMO	Ant1	2422	36.923	2403.618	2440.541	---	PASS
	Ant2	2422	36.843	2403.698	2440.541	---	PASS
	Ant1	2437	36.843	2418.618	2455.462	---	PASS
	Ant2	2437	36.763	2418.698	2455.462	---	PASS
	Ant1	2452	36.923	2433.538	2470.462	---	PASS
	Ant2	2452	36.843	2433.618	2470.462	---	PASS

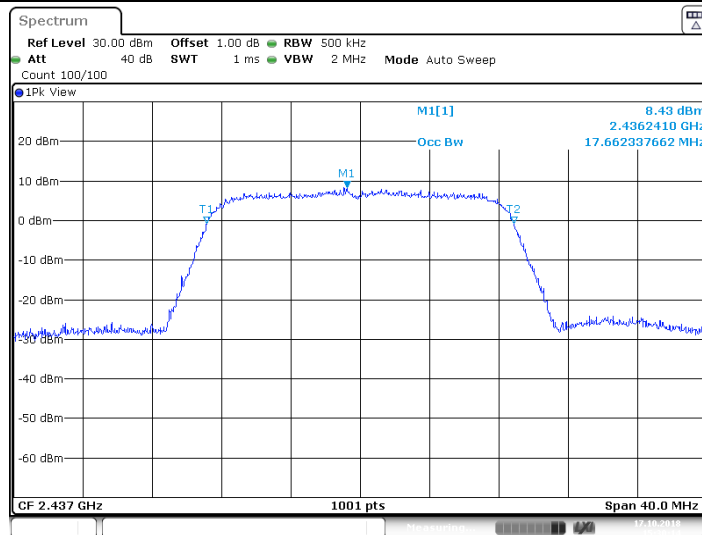
Test Graphs



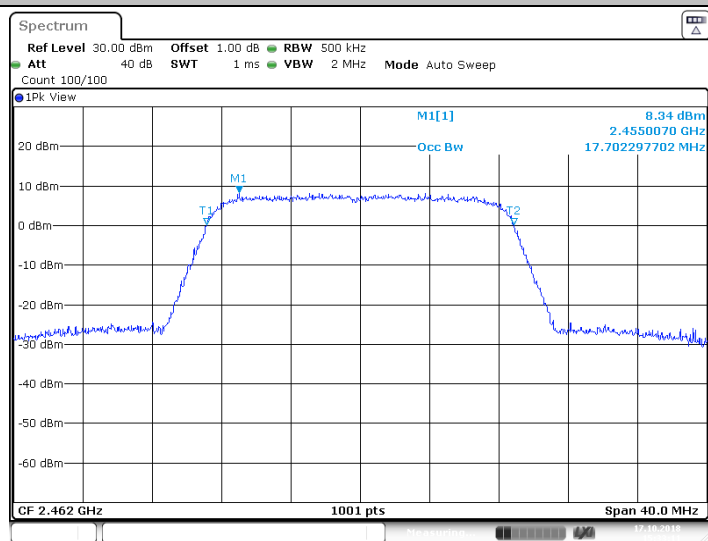
11N20MIMO_Ant1_2437



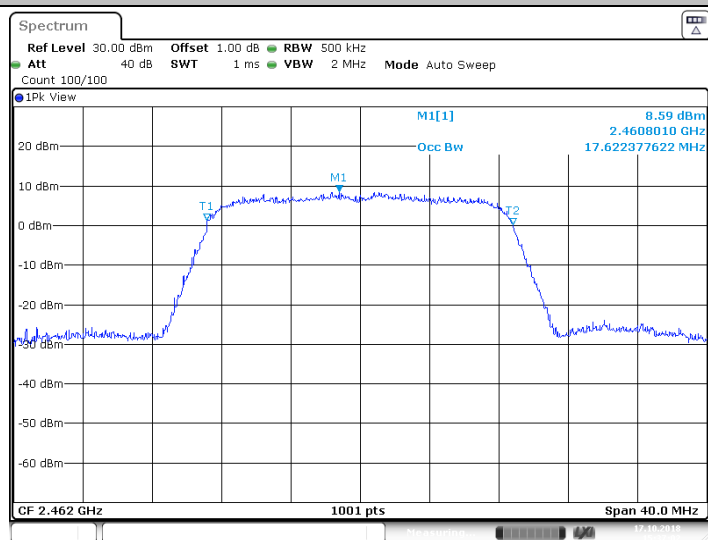
11N20MIMO_Ant2_2437



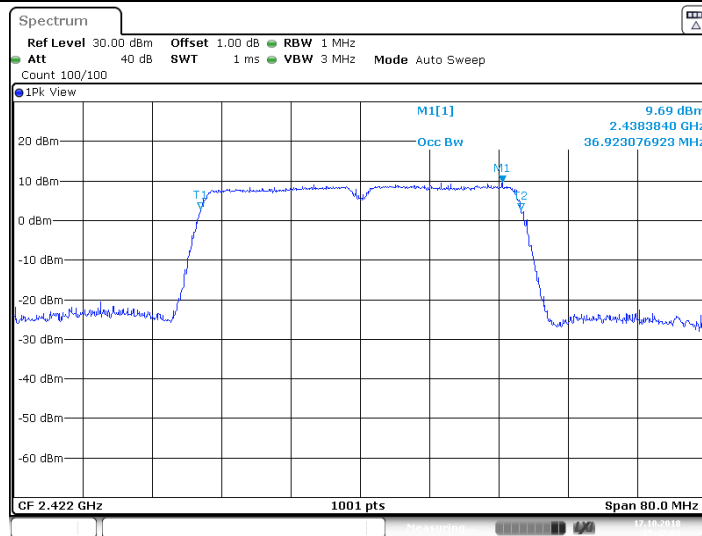
11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462

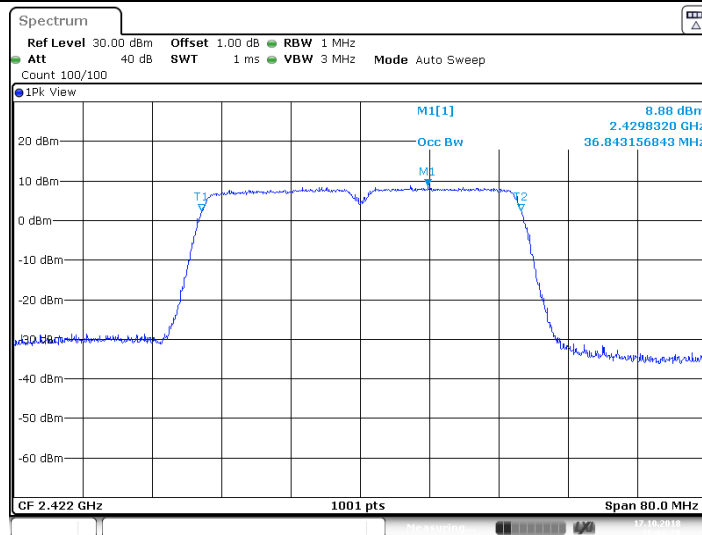


11N40MIMO_Ant1_2422



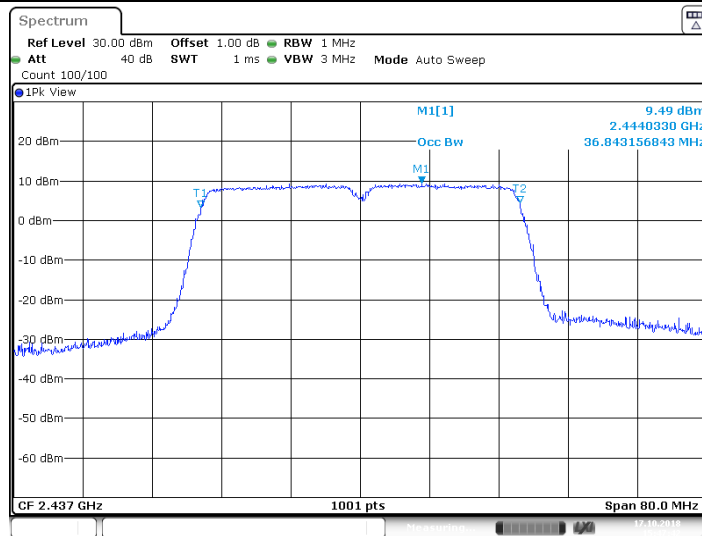
Date: 17.10.2018 15:42:08

11N40MIMO_Ant2_2422



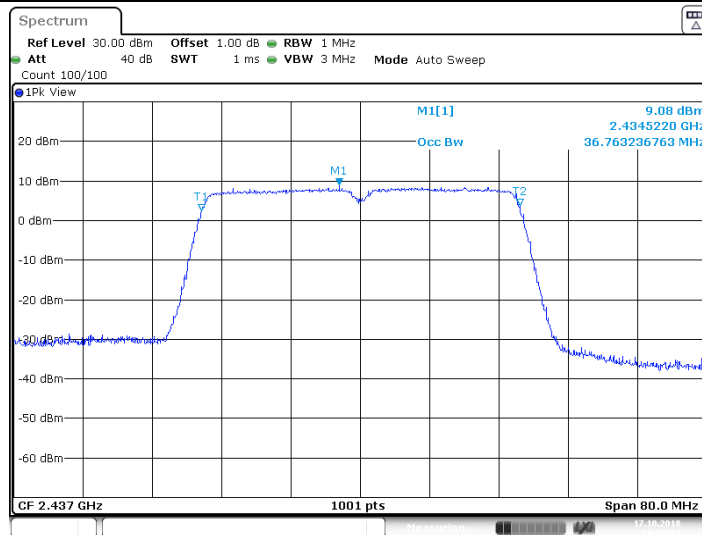
Date: 17.10.2018 16:06:29

11N40MIMO_Ant1_2437



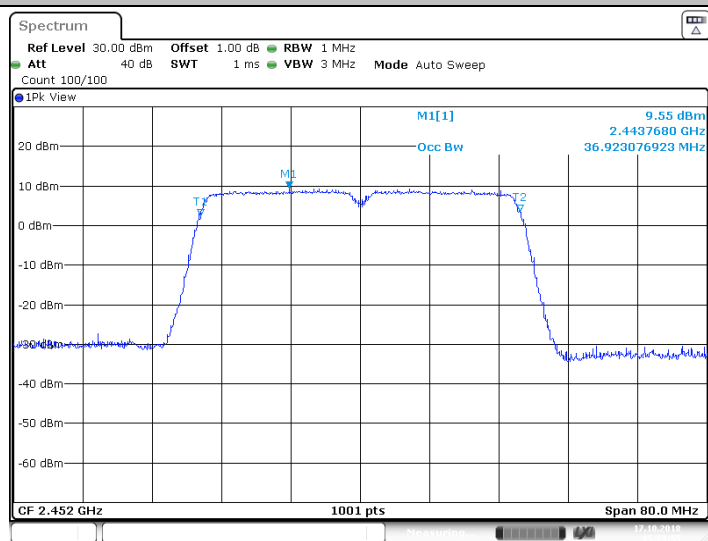
Date: 17.10.2018 15:47:43

11N40MIMO_Ant2_2437

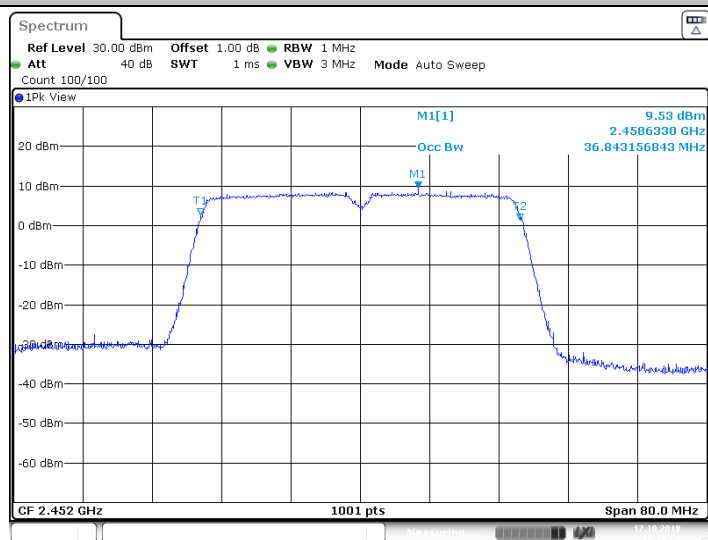


Date: 17.10.2018 16:08:22

11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



Appendix C3: Maximum conducted output power

Test Result

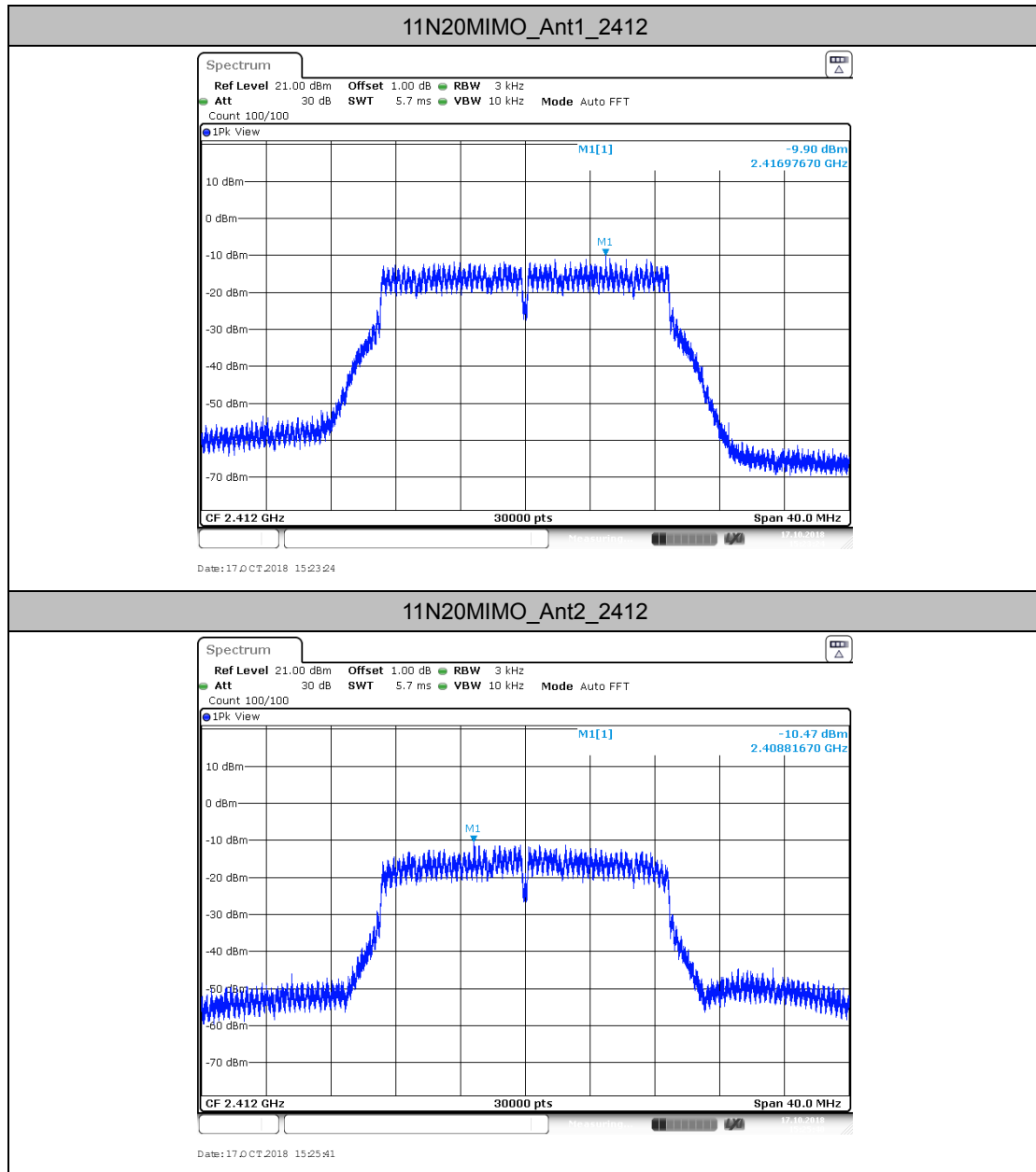
TestMode	Antenna	Channel	Result	Limit	Verdict
11N20MIMO	Ant1	2412	15.10	30	PASS
	Ant2	2412	15.40	30	PASS
	total	2412	18.67	30	PASS
	Ant1	2437	14.60	30	PASS
	Ant2	2437	15.70	30	PASS
	total	2437	18.20	30	PASS
	Ant1	2462	14.80	30	PASS
	Ant2	2462	15.40	30	PASS
	total	2462	18.12	30	PASS
11N40MIMO	Ant1	2422	15.40	30	PASS
	Ant2	2422	15.90	30	PASS
	total	2422	18.67	30	PASS
	Ant1	2437	15.20	30	PASS
	Ant2	2437	16.20	30	PASS
	total	2437	18.73	30	PASS
	Ant1	2452	15.40	30	PASS
	Ant2	2452	15.80	30	PASS
	total	2452	18.62	30	PASS

Appendix D3: Maximum power spectral density

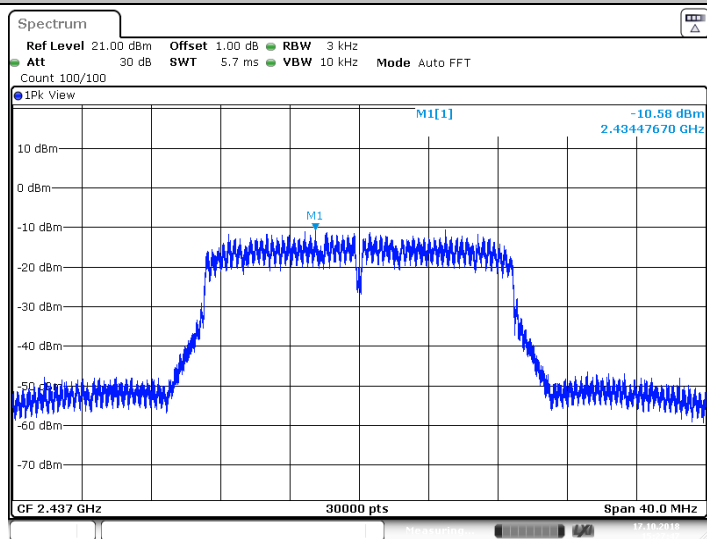
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11N20MIMO	Ant1	2412	-9.9	8	PASS
	Ant2	2412	-10.47	8	PASS
	total	2412	-7.17	8	PASS
	Ant1	2437	-10.58	8	PASS
	Ant2	2437	-10.6	8	PASS
	total	2437	-7.58	8	PASS
	Ant1	2462	-8.99	8	PASS
	Ant2	2462	-10.55	8	PASS
	total	2462	-6.69	8	PASS
11N40MIMO	Ant1	2422	-12.12	8	PASS
	Ant2	2422	-13.32	8	PASS
	total	2422	-9.67	8	PASS
	Ant1	2437	-12.74	8	PASS
	Ant2	2437	-14.53	8	PASS
	total	2437	-10.53	8	PASS
	Ant1	2452	-13.08	8	PASS
	Ant2	2452	-13.97	8	PASS
	total	2452	-10.49	8	PASS

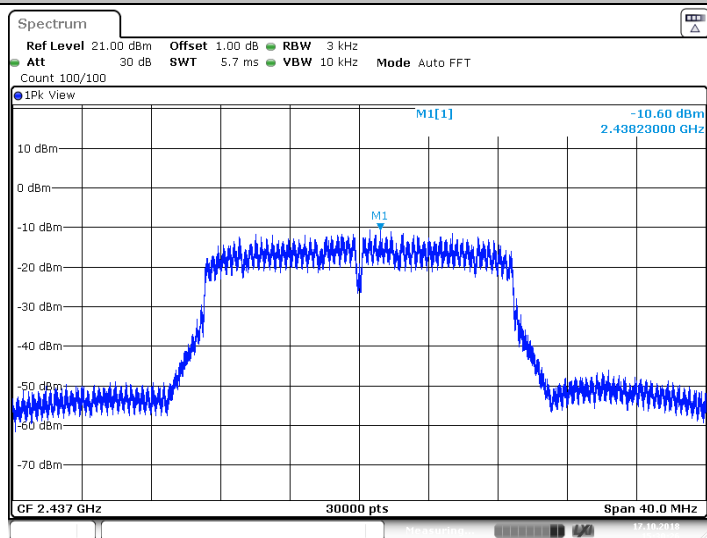
Test Graphs



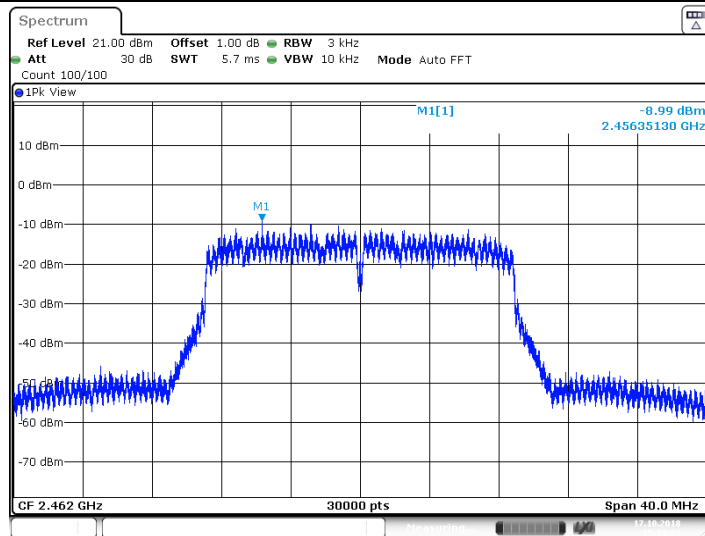
11N20MIMO_Ant1_2437



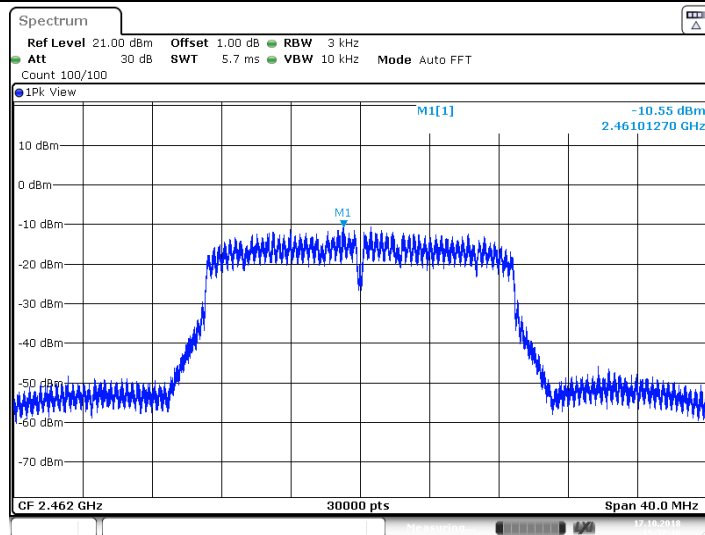
11N20MIMO_Ant2_2437



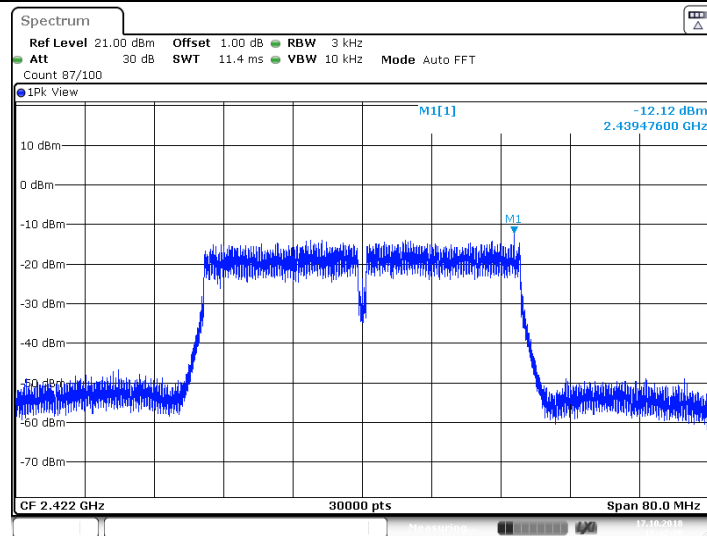
11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462

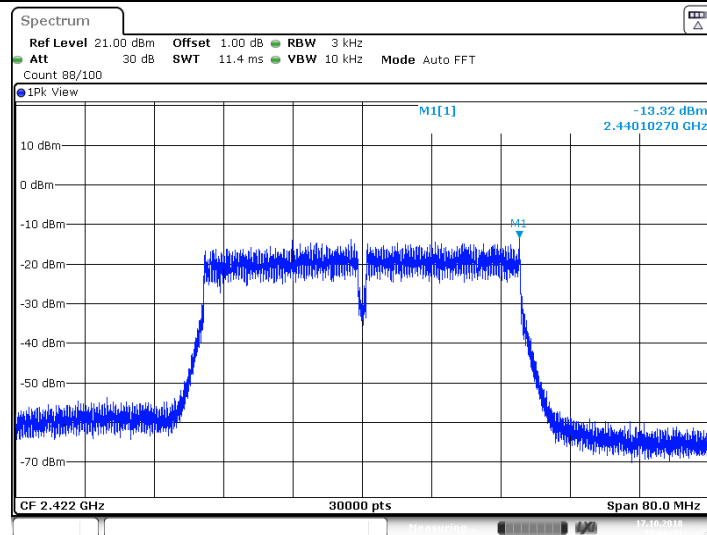


11N40MIMO_Ant1_2422



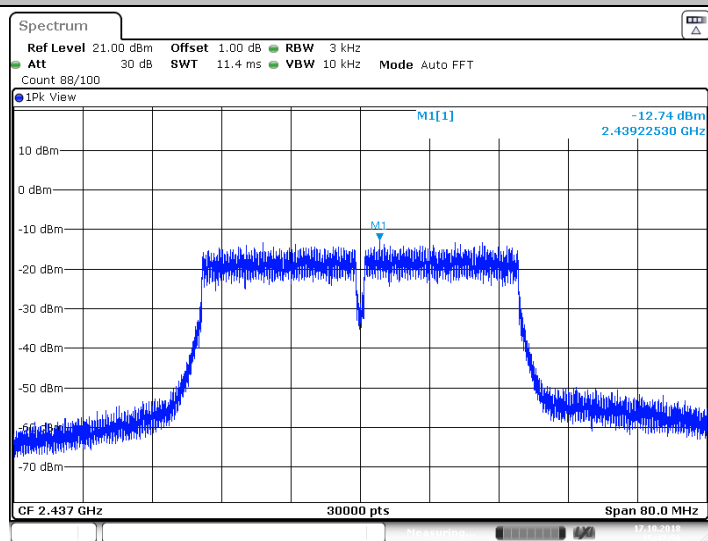
Date: 17 OCT 2018 15:42:20

11N40MIMO_Ant2_2422

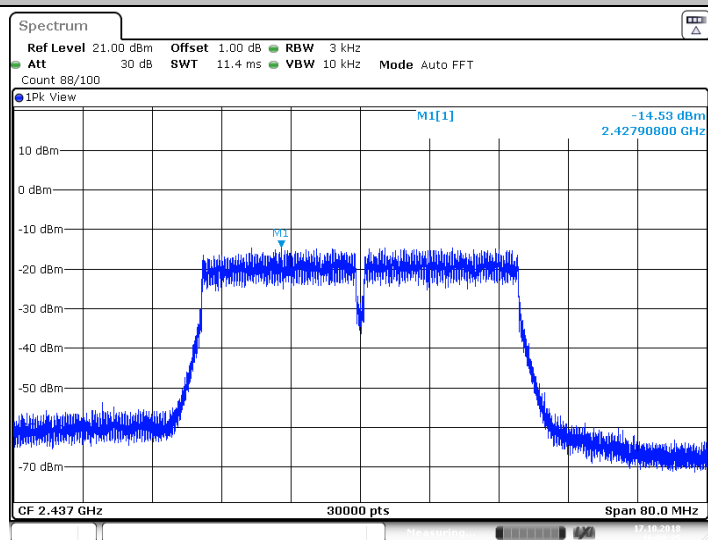


Date: 17 OCT 2018 16:06:42

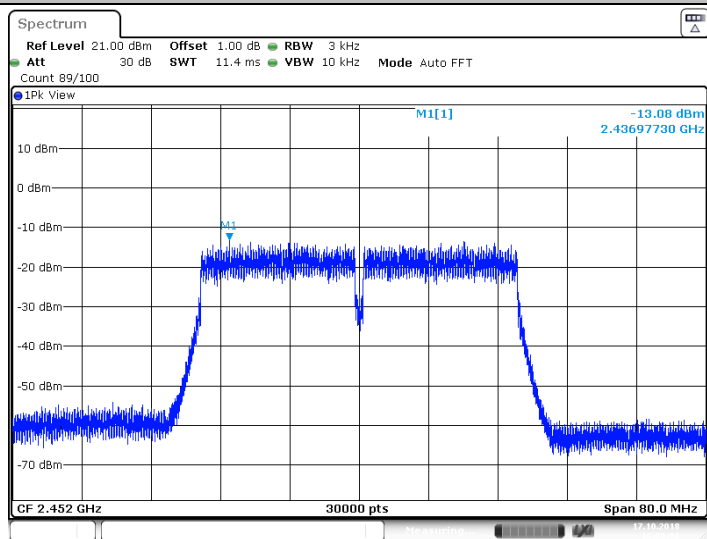
11N40MIMO_Ant1_2437



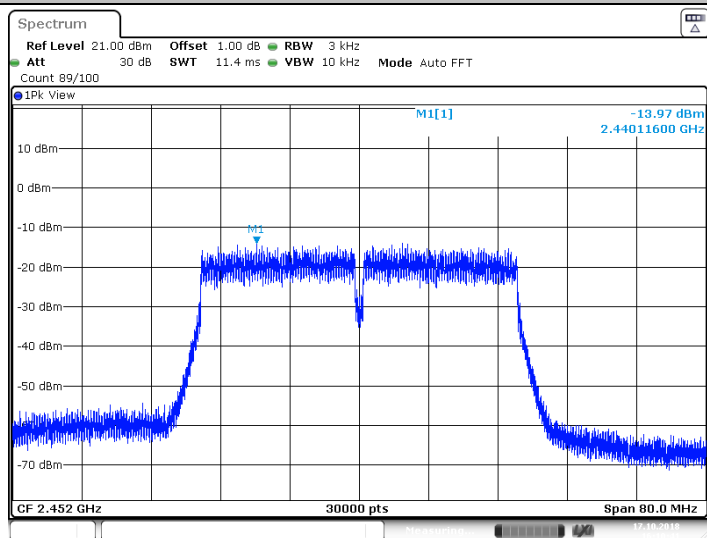
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

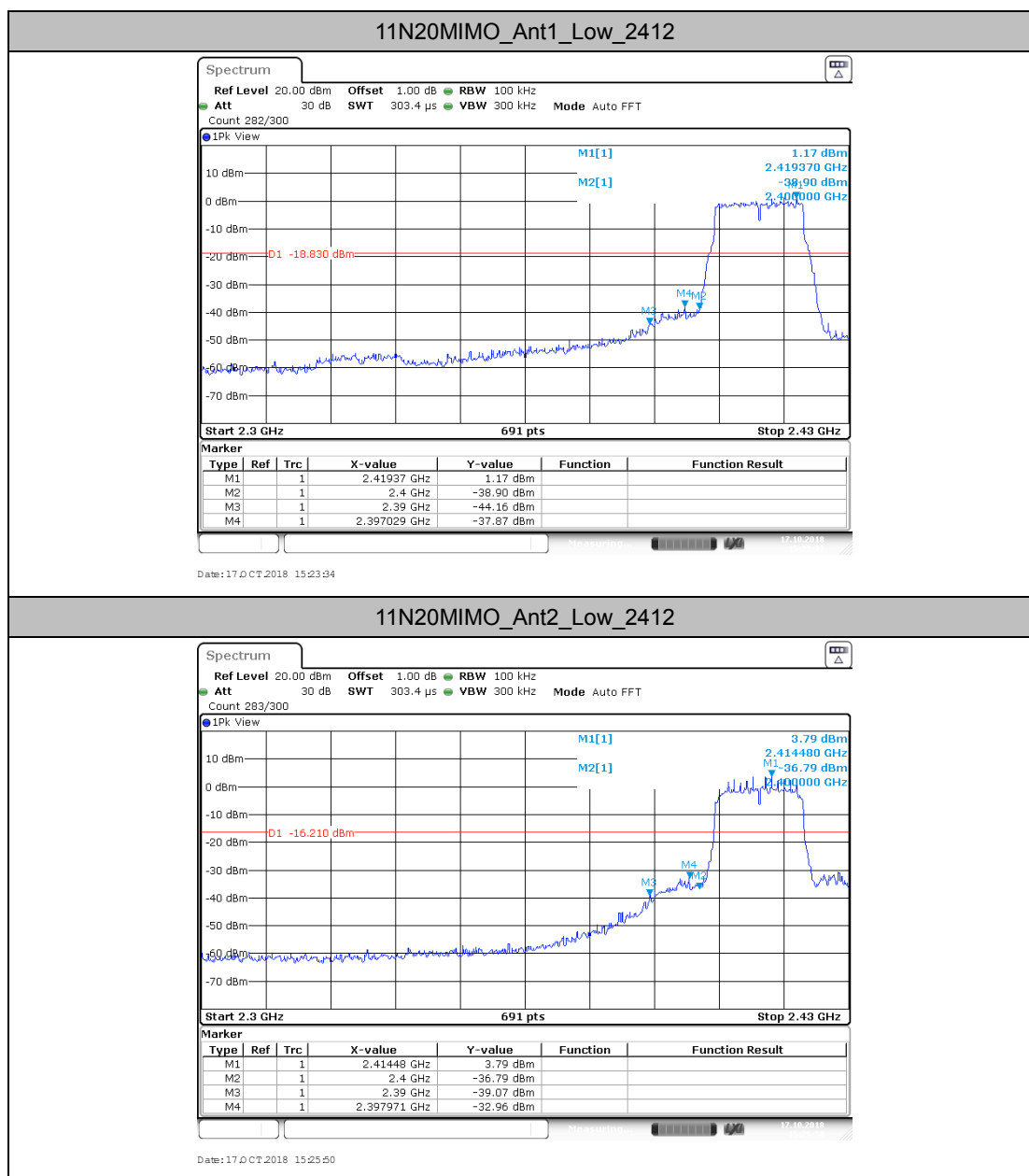


Appendix E3: Band edge measurements

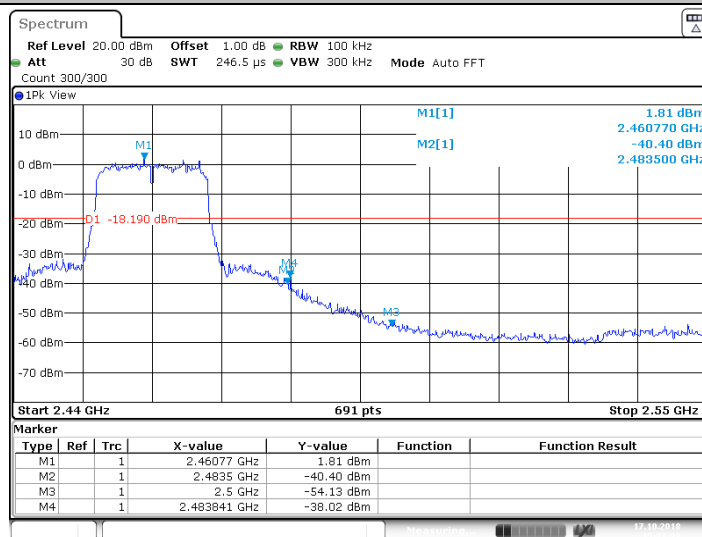
Test Result

TestMode	Antenna	ChName	Channel	RefLevel	Result	Limit	Verdict
11N20MIMO	Ant1	Low	2412	1.17	-37.87	-18.83	PASS
	Ant2	Low	2412	3.79	-32.96	-16.21	PASS
	Ant1	High	2462	1.81	-38.02	-18.19	PASS
	Ant2	High	2462	1.28	-40.09	-18.72	PASS
11N40MIMO	Ant1	Low	2422	1.11	-30.91	-18.89	PASS
	Ant2	Low	2422	-0.38	-36.31	-20.38	PASS
	Ant1	High	2452	0.74	-40.94	-19.26	PASS
	Ant2	High	2452	0.46	-47.98	-19.54	PASS

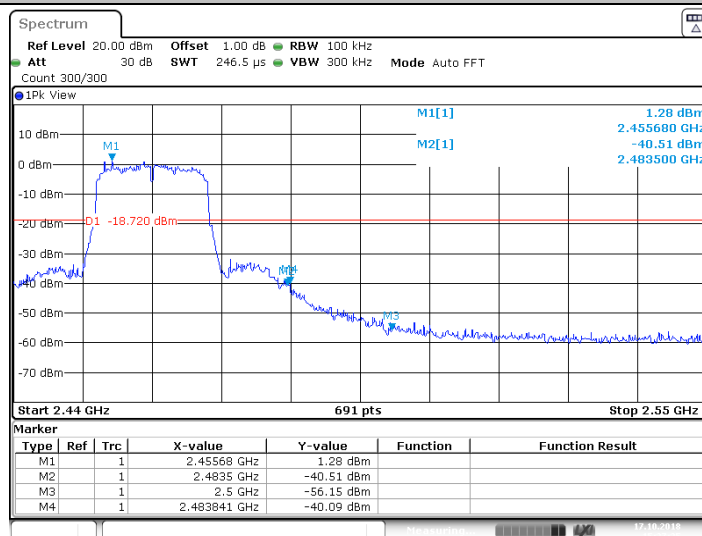
Test Graphs



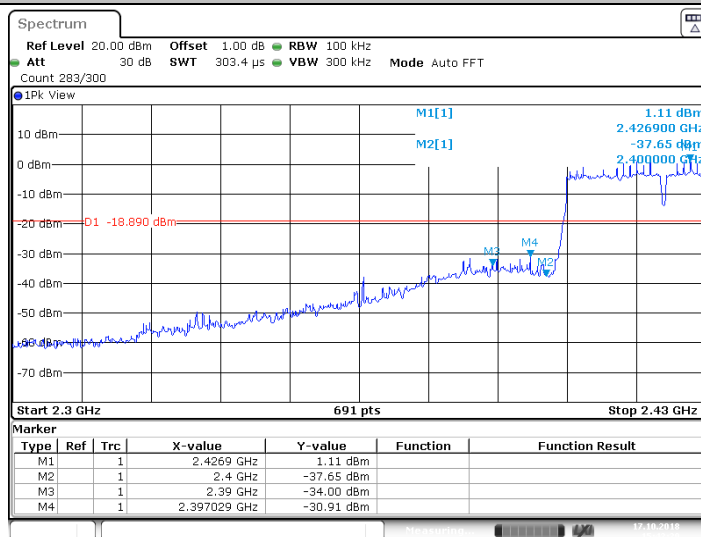
11N20MIMO_Ant1_High_2462



11N20MIMO_Ant2_High_2462

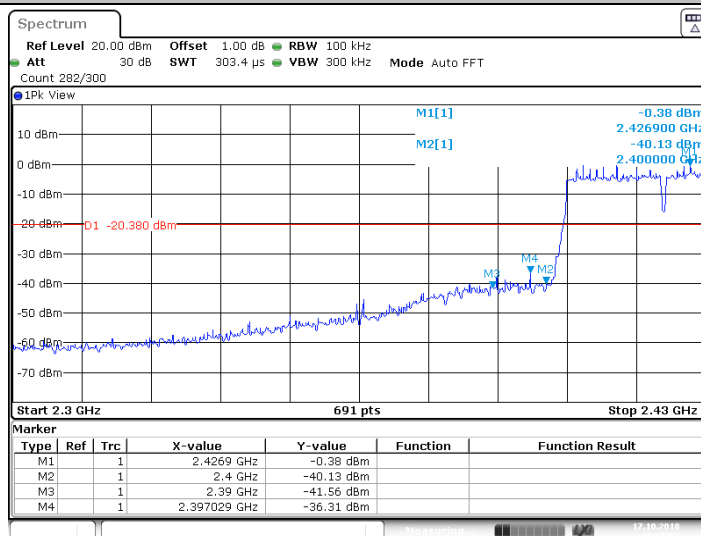


11N40MIMO_Ant1_Low_2422



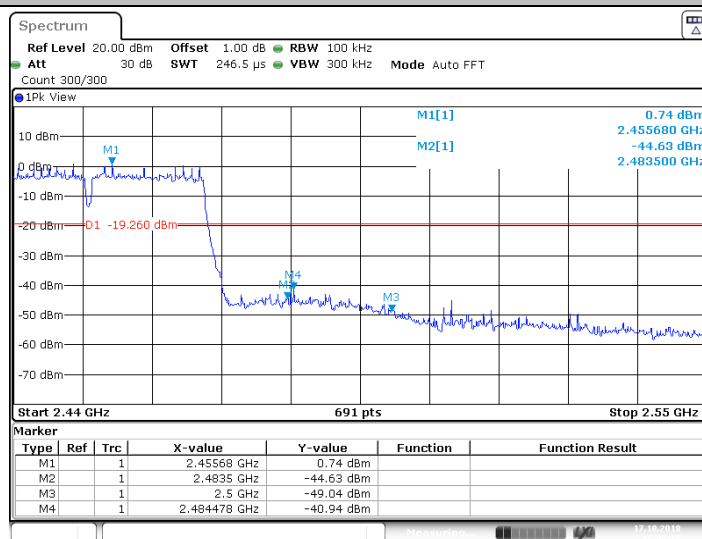
Date: 17.10.2018 15:42:30

11N40MIMO_Ant2_Low_2422

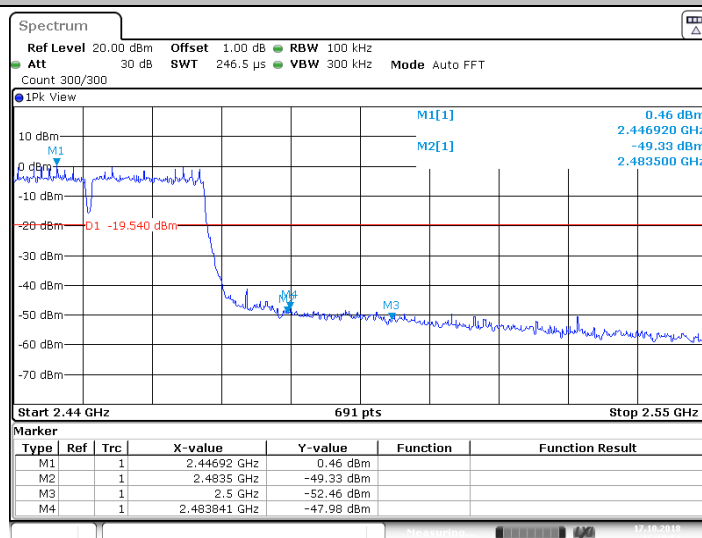


Date: 17.10.2018 16:06:51

11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452

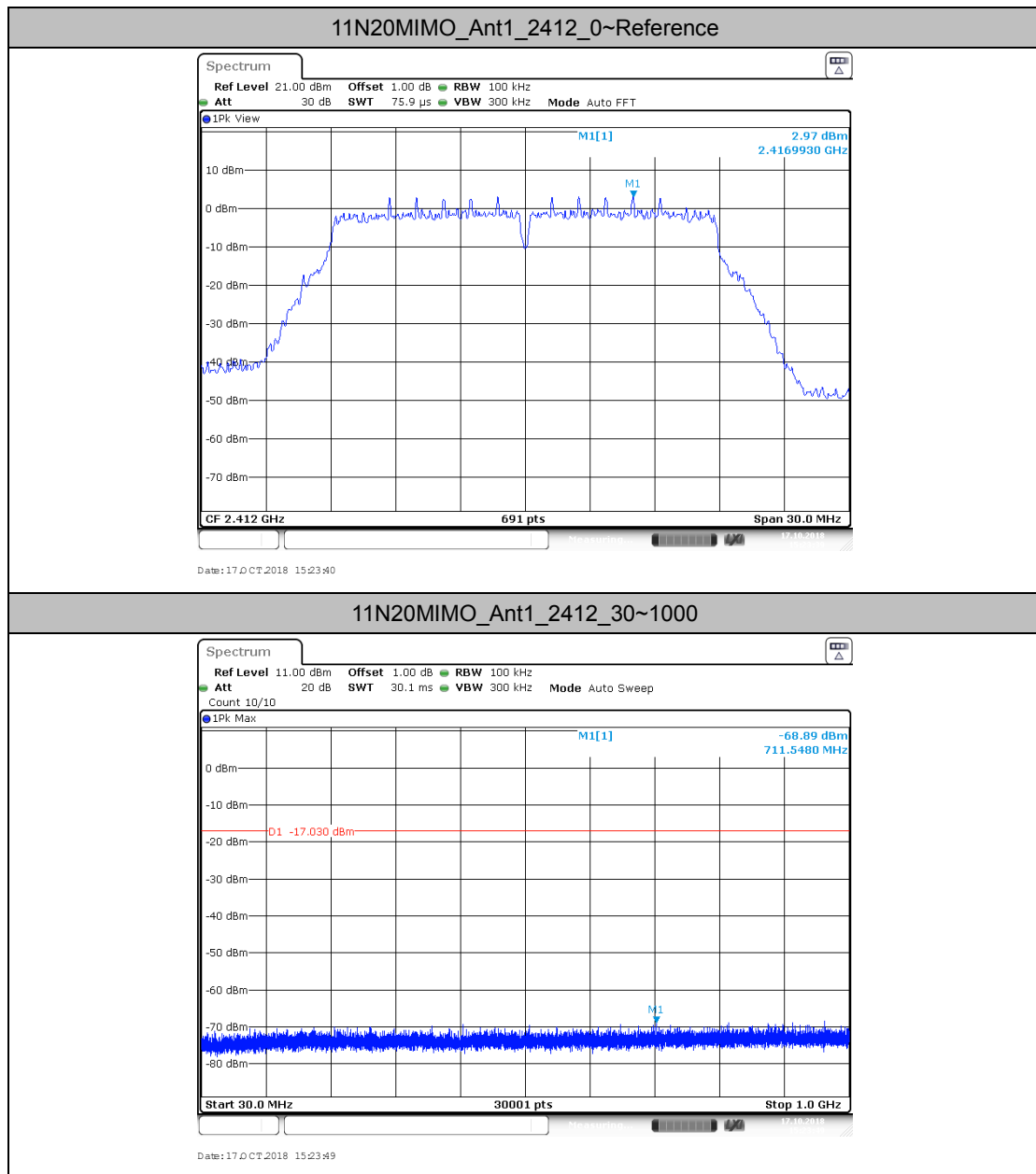


Appendix F3: Conducted Spurious Emission

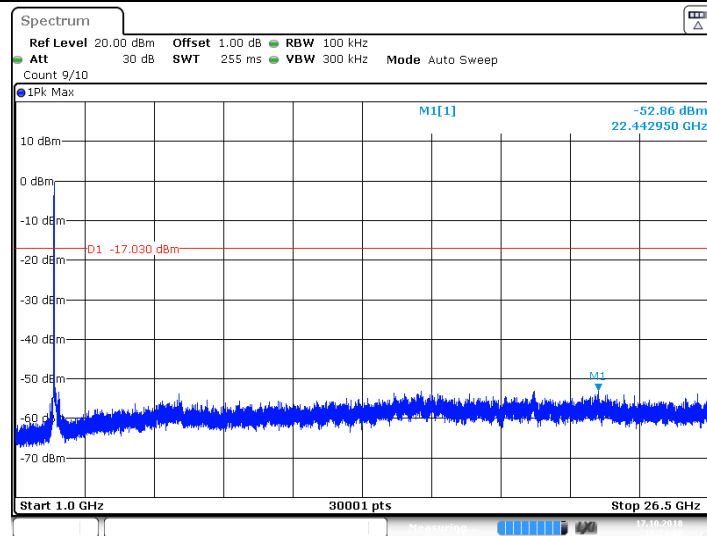
Test Result

TestMode	Antenna	Channel	FreqRange	RefLevel	Result	Limit	Verdict
11N20MIMO	Ant1	2412	Reference	2.97	2.97	---	PASS
		2412	30~1000	2.97	-68.89	-17.03	PASS
		2412	1000~26500	2.97	-52.86	-17.03	PASS
	Ant2	2412	Reference	3.70	3.70	---	PASS
		2412	30~1000	3.70	-68.87	-16.3	PASS
		2412	1000~26500	3.70	-53.08	-16.3	PASS
	Ant1	2437	Reference	2.90	2.90	---	PASS
		2437	30~1000	2.90	-68.52	-17.1	PASS
		2437	1000~26500	2.90	-52.59	-17.1	PASS
	Ant2	2437	Reference	2.91	2.91	---	PASS
		2437	30~1000	2.91	-68.66	-17.09	PASS
		2437	1000~26500	2.91	-53.2	-17.09	PASS
	Ant1	2462	Reference	3.26	3.26	---	PASS
		2462	30~1000	3.26	-68.71	-16.74	PASS
		2462	1000~26500	3.26	-52.65	-16.74	PASS
	Ant2	2462	Reference	2.45	2.45	---	PASS
		2462	30~1000	2.45	-68.85	-17.55	PASS
		2462	1000~26500	2.45	-52.81	-17.55	PASS
11N40MIMO	Ant1	2422	Reference	0.92	0.92	---	PASS
		2422	30~1000	0.92	-68.9	-19.08	PASS
		2422	1000~26500	0.92	-53.17	-19.08	PASS
	Ant2	2422	Reference	0.45	0.45	---	PASS
		2422	30~1000	0.45	-68.73	-19.55	PASS
		2422	1000~26500	0.45	-52.43	-19.55	PASS
	Ant1	2437	Reference	0.67	0.67	---	PASS
		2437	30~1000	0.67	-69.54	-19.33	PASS
		2437	1000~26500	0.67	-53.15	-19.33	PASS
	Ant2	2437	Reference	0.45	0.45	---	PASS
		2437	30~1000	0.45	-69.06	-19.55	PASS
		2437	1000~26500	0.45	-53.05	-19.55	PASS
	Ant1	2452	Reference	0.40	0.40	---	PASS
		2452	30~1000	0.40	-67.94	-19.6	PASS
		2452	1000~26500	0.40	-53.24	-19.6	PASS
	Ant2	2452	Reference	0.36	0.36	---	PASS
		2452	30~1000	0.36	-68.42	-19.64	PASS
		2452	1000~26500	0.36	-52.92	-19.64	PASS

Test Graphs

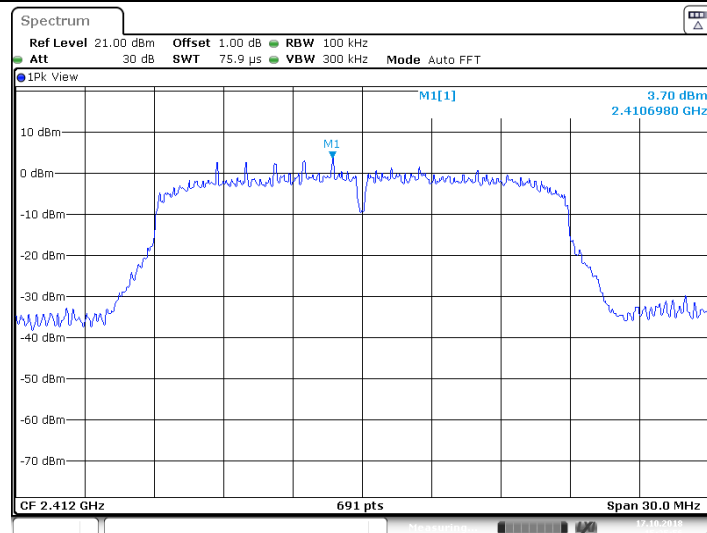


11N20MIMO_Ant1_2412_1000~26500



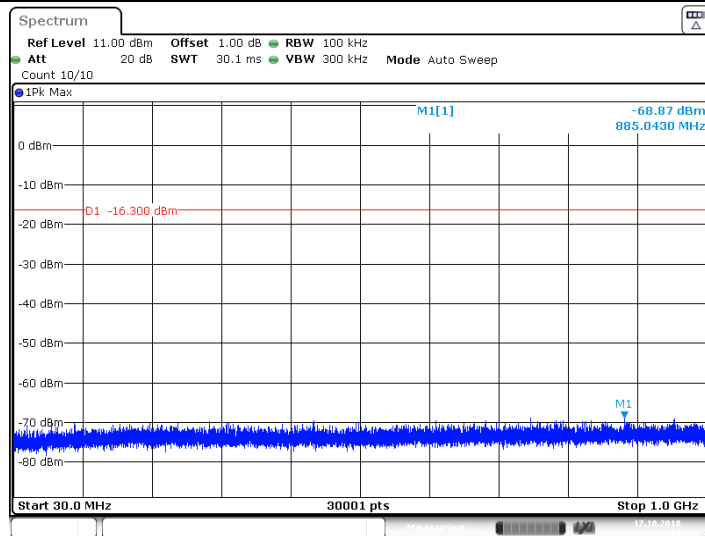
Date: 17 OCT 2018 15:24:00

11N20MIMO_Ant2_2412_0~Reference



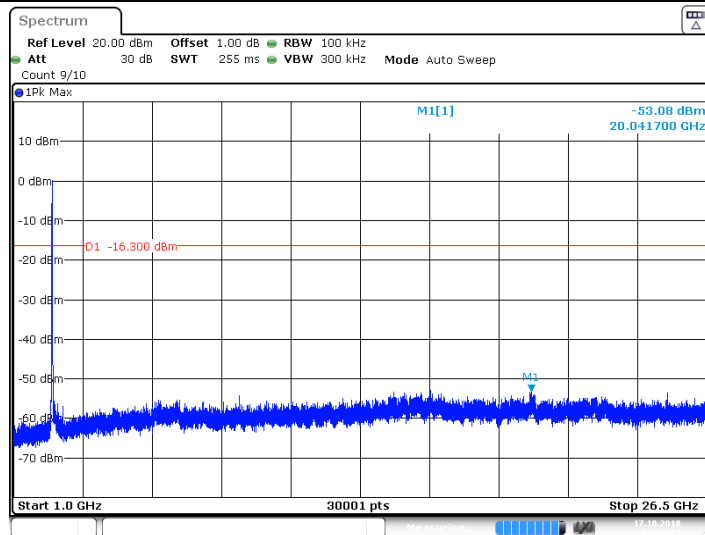
Date: 17 OCT 2018 15:25:56

11N20MIMO_Ant2_2412_30~1000



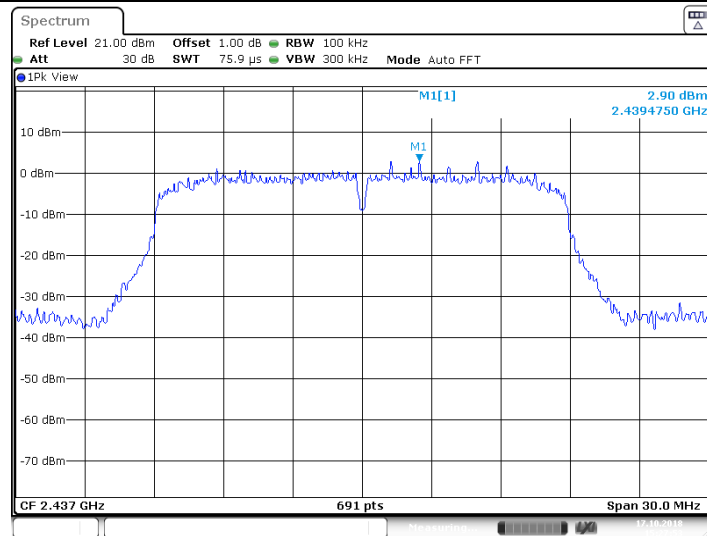
Date: 17 OCT 2018 15:26:05

11N20MIMO_Ant2_2412_1000~26500

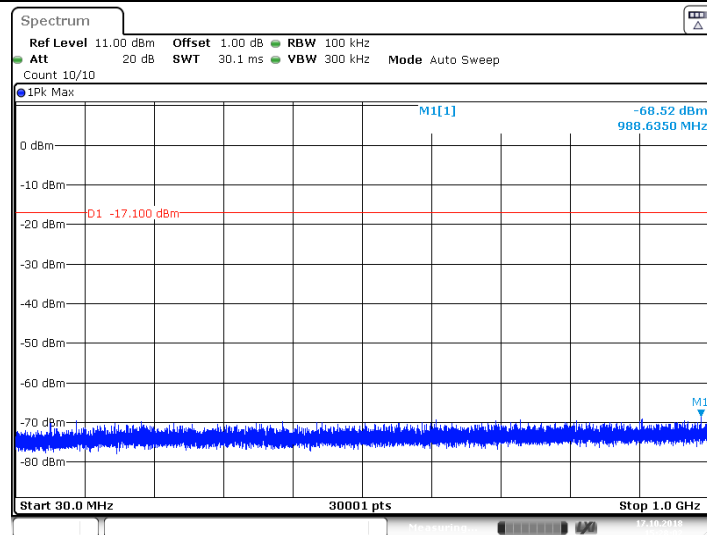


Date: 17 OCT 2018 15:26:17

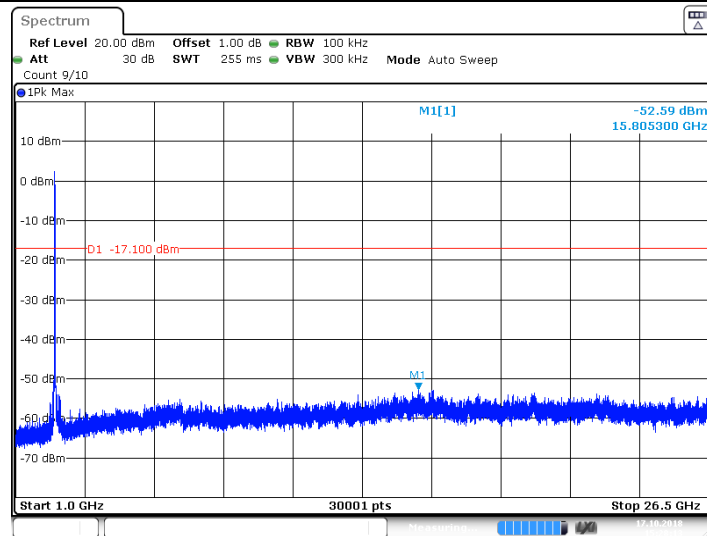
11N20MIMO_Ant1_2437_0~Reference



11N20MIMO_Ant1_2437_30~1000

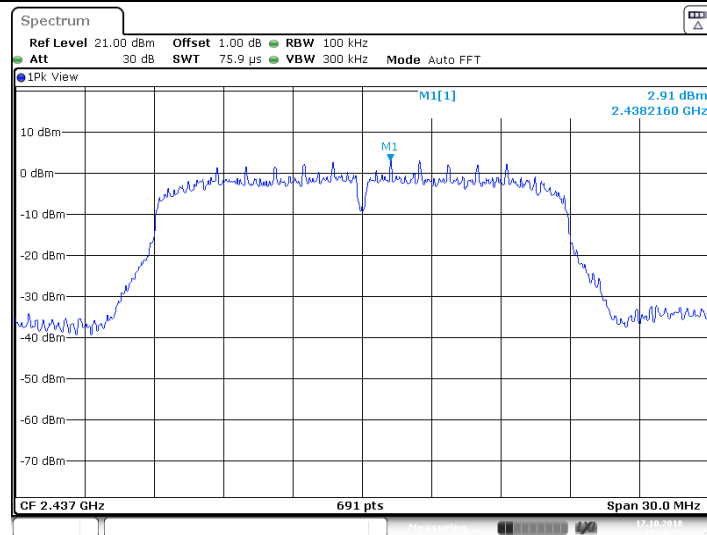


11N20MIMO_Ant1_2437_1000~26500



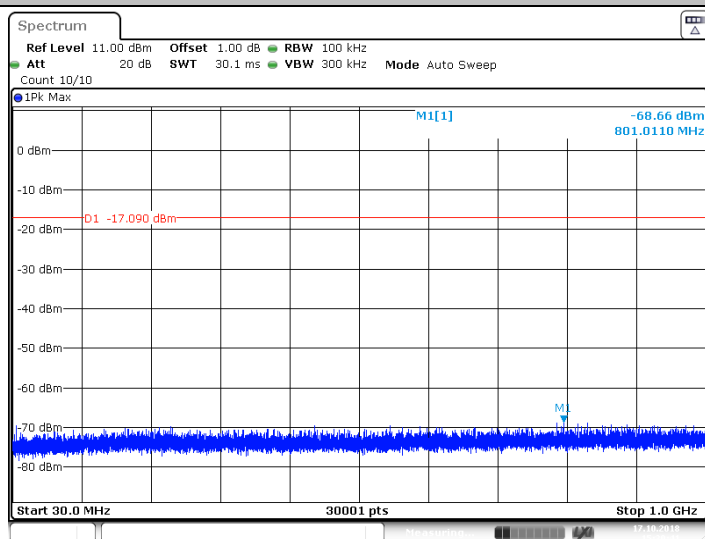
Date: 17 OCT 2018 15:28:14

11N20MIMO_Ant2_2437_0~Reference



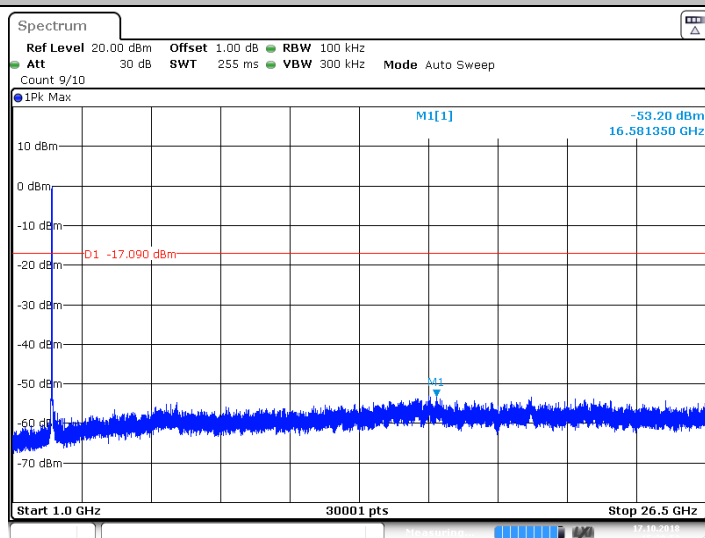
Date: 17 OCT 2018 15:30:33

11N20MIMO_Ant2_2437_30~1000



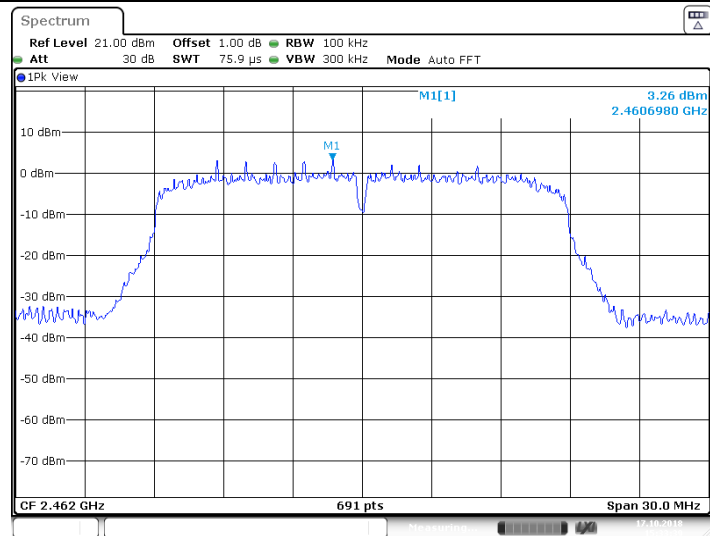
Date: 17 OCT 2018 15:30:41

11N20MIMO_Ant2_2437_1000~26500

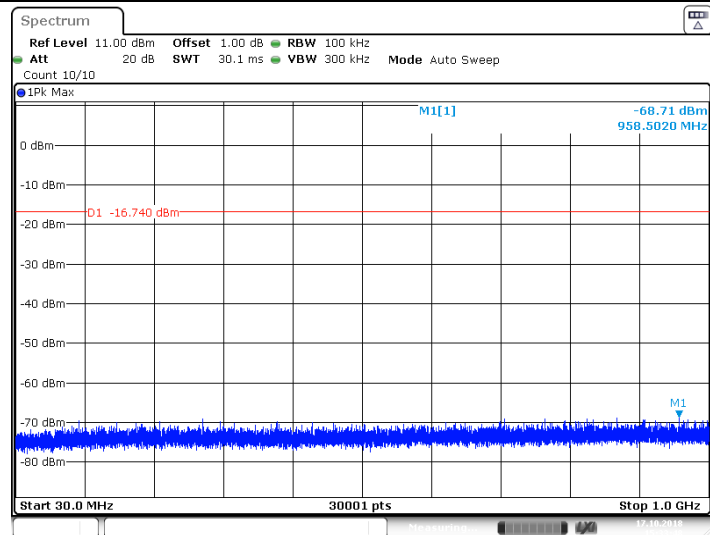


Date: 17 OCT 2018 15:30:53

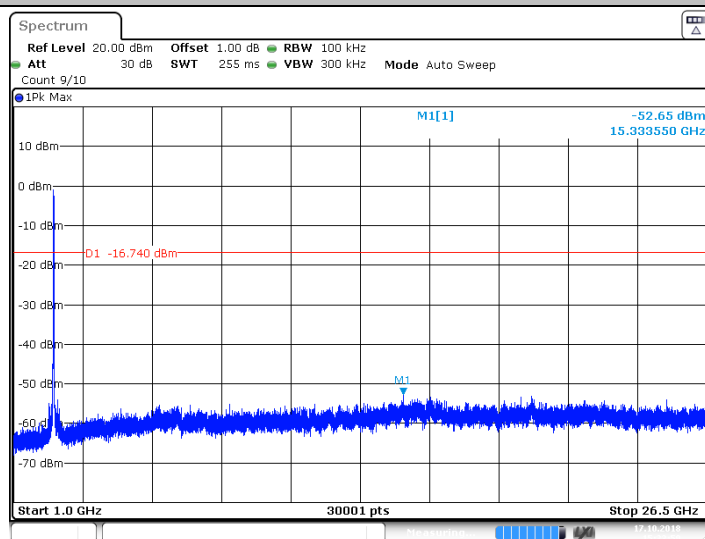
11N20MIMO_Ant1_2462_0~Reference



11N20MIMO_Ant1_2462_30~1000

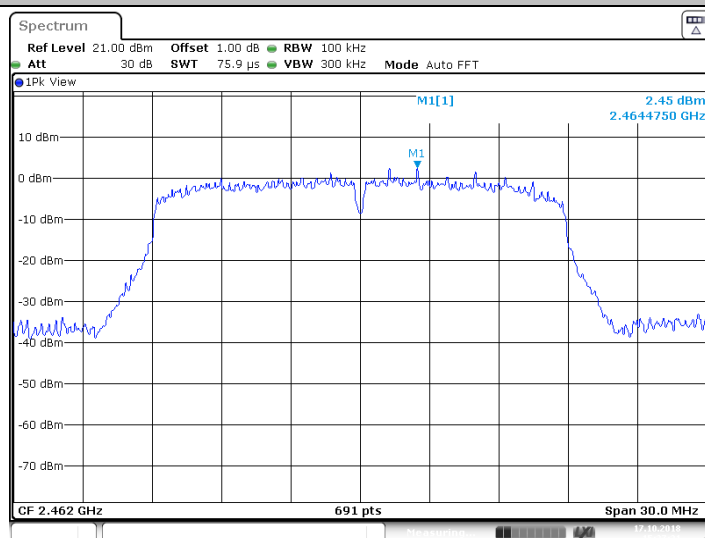


11N20MIMO_Ant1_2462_1000~26500



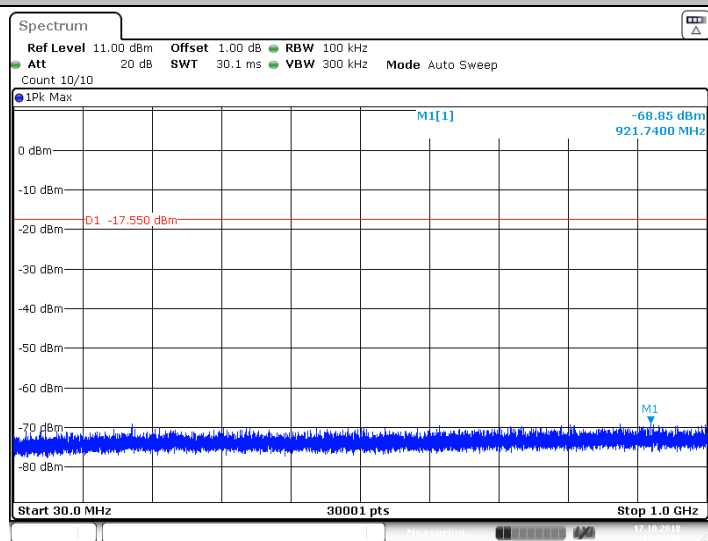
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11N20MIMO_Ant2_2462_0~Reference



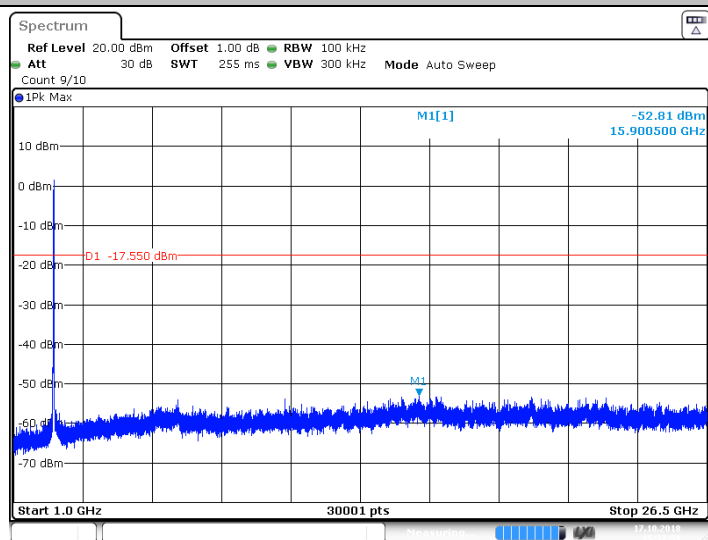
Date: 17 OCT 2018 15:37:31

11N20MIMO_Ant2_2462_30~1000



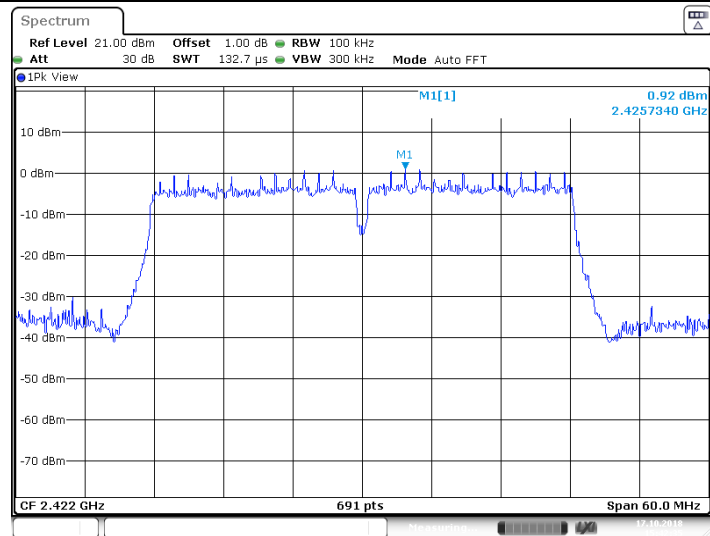
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11N20MIMO_Ant2_2462_1000~26500

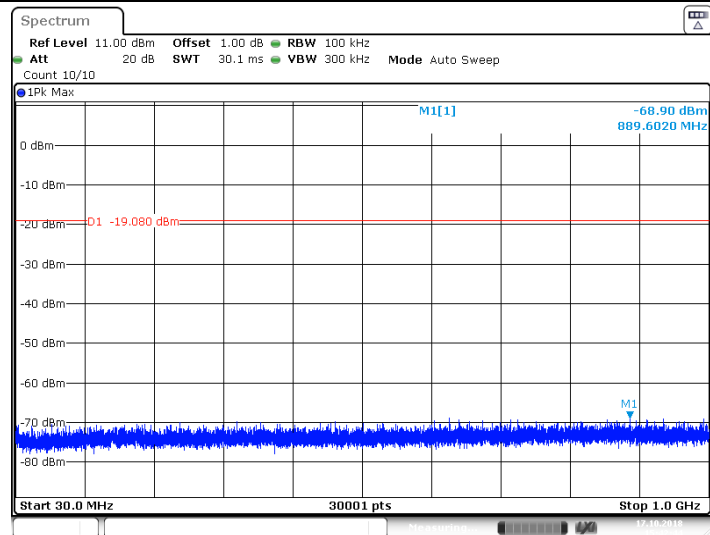


Date: 17 OCT 2018 15:37:52

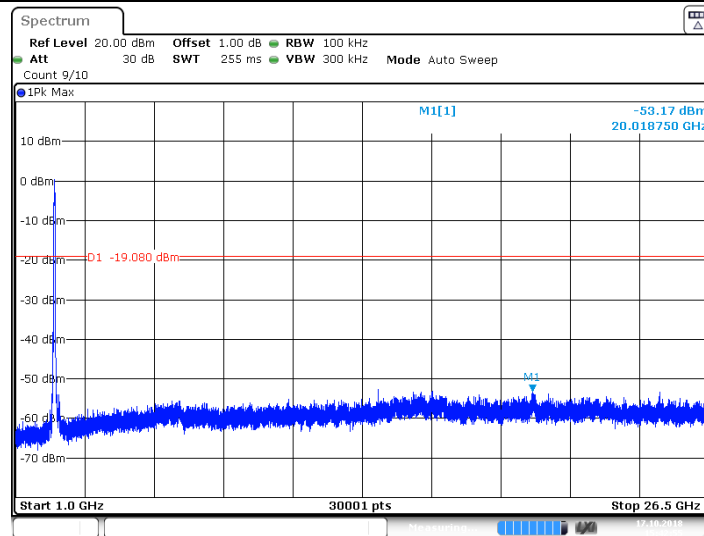
11N40MIMO_Ant1_2422_0~Reference



11N40MIMO_Ant1_2422_30~1000

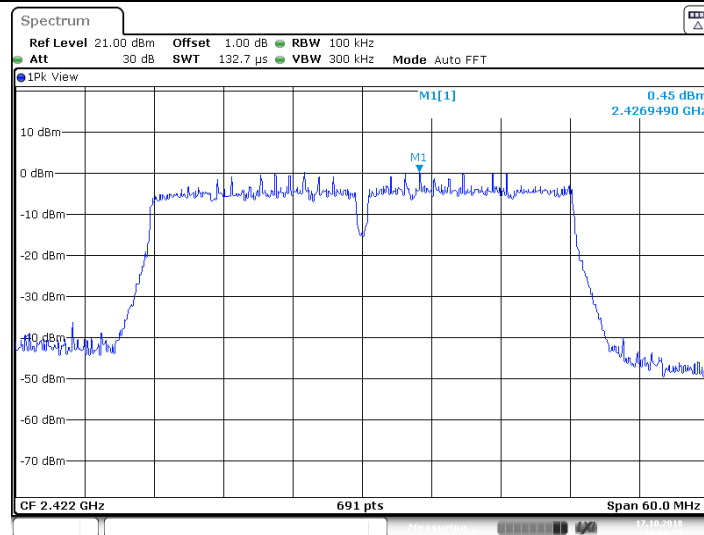


11N40MIMO_Ant1_2422_1000~26500



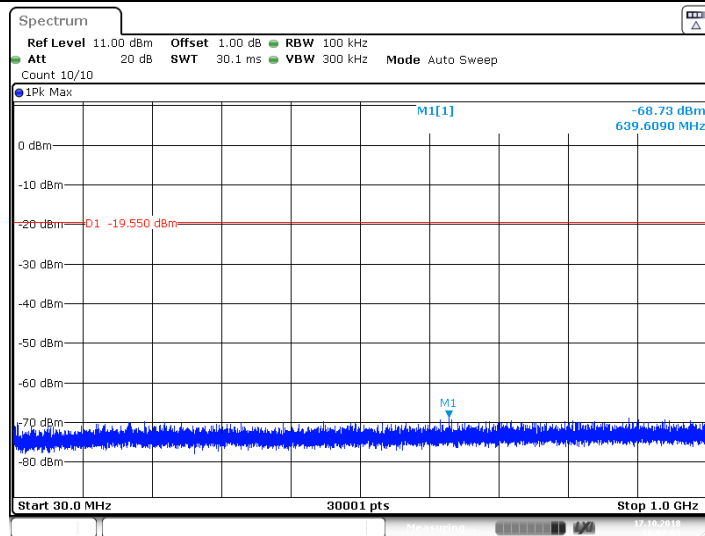
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11N40MIMO_Ant2_2422_0~Reference



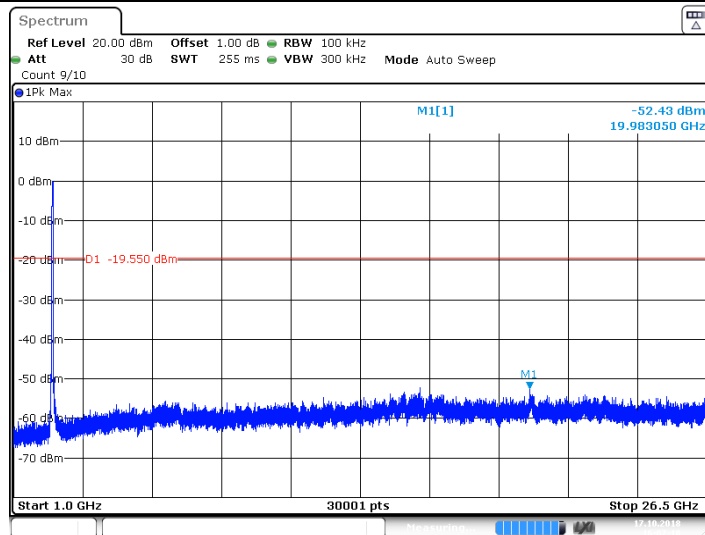
Date: 17.07.2018 16:06:57

11N40MIMO_Ant2_2422_30~1000



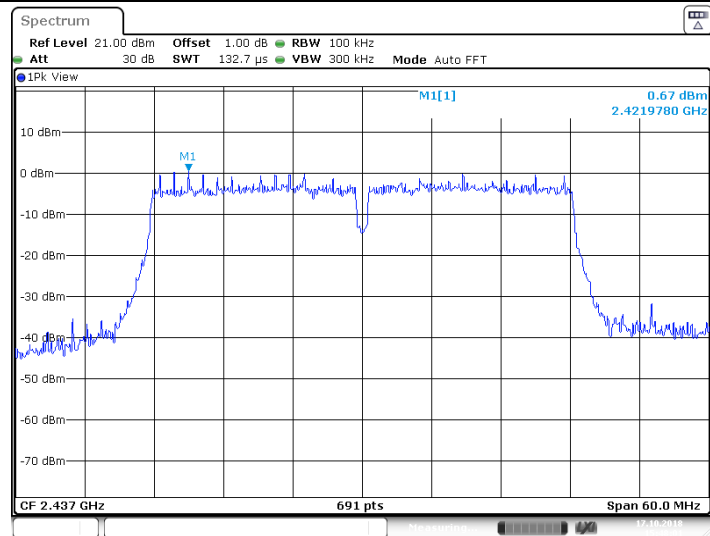
Date: 17.10.2018 16:07:06

11N40MIMO_Ant2_2422_1000~26500



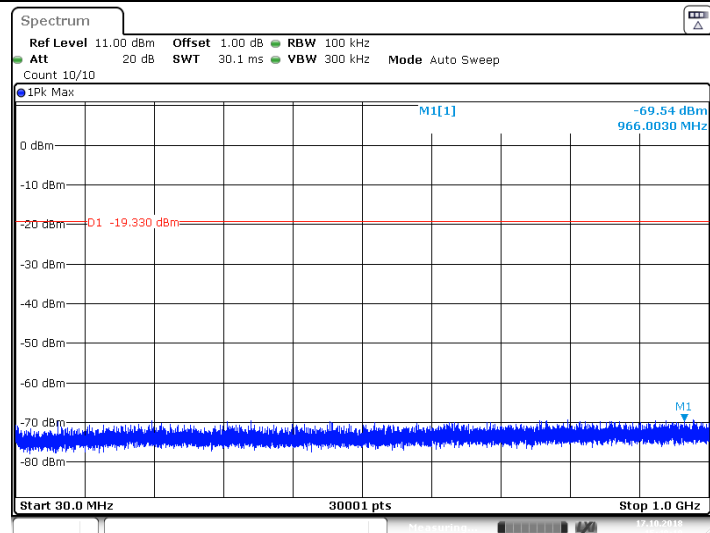
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11N40MIMO_Ant1_2437_0~Reference



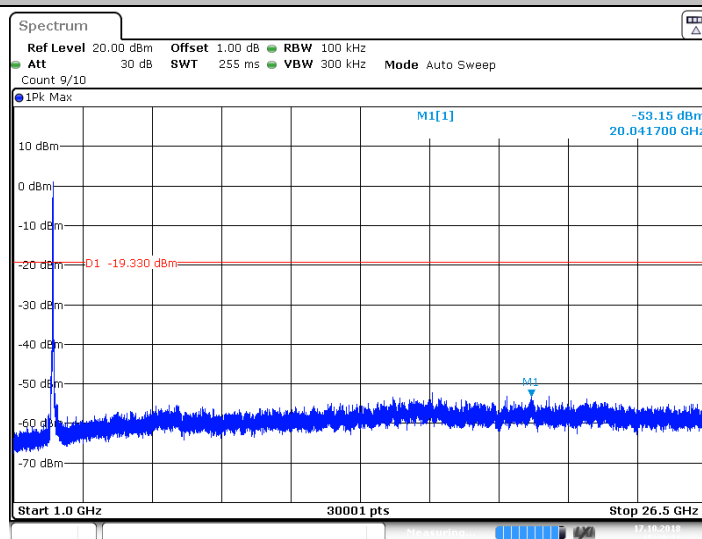
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11N40MIMO_Ant1_2437_30~1000



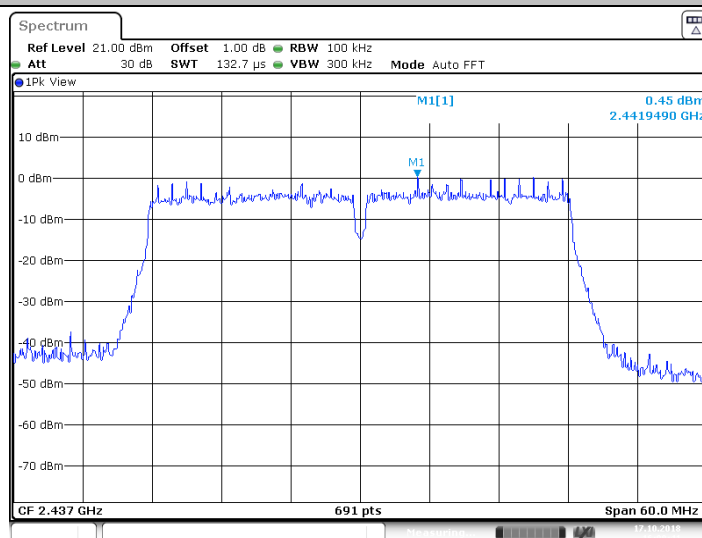
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11N40MIMO_Ant1_2437_1000~26500



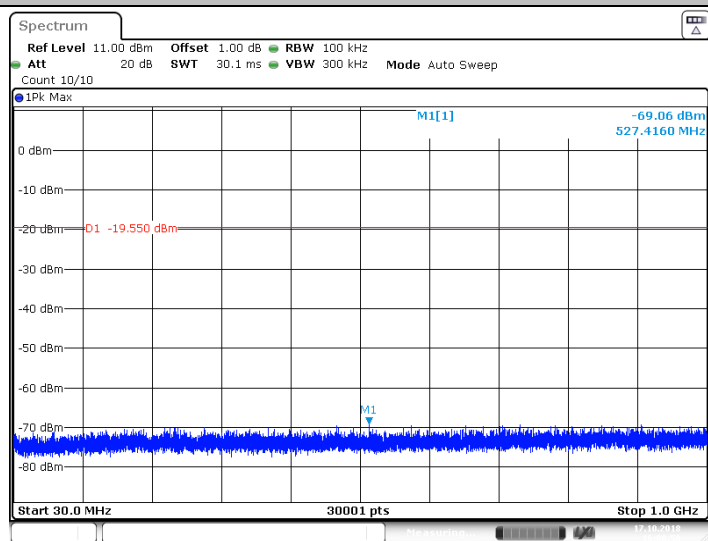
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11N40MIMO_Ant2_2437_0~Reference

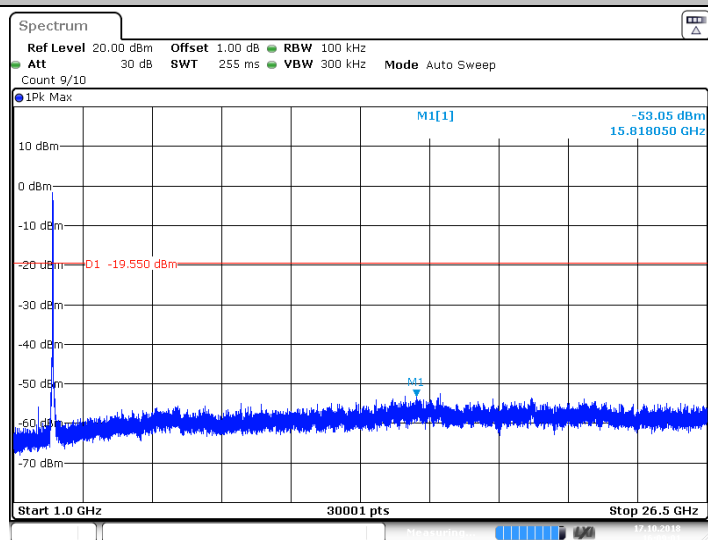


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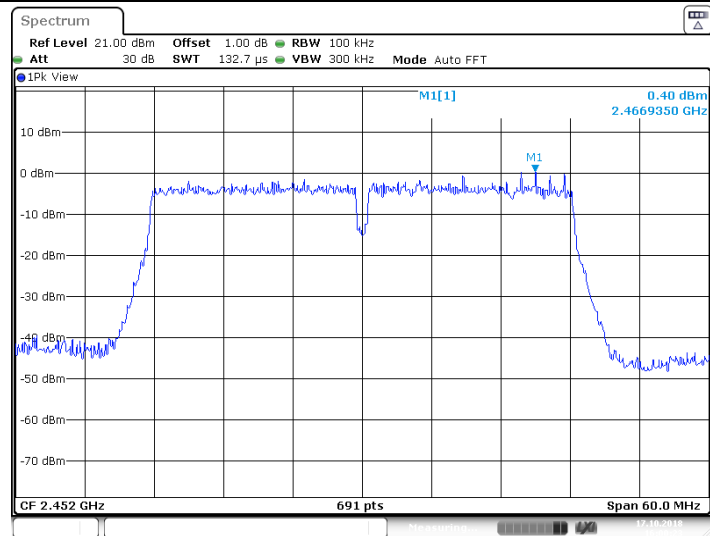
11N40MIMO_Ant2_2437_30~1000



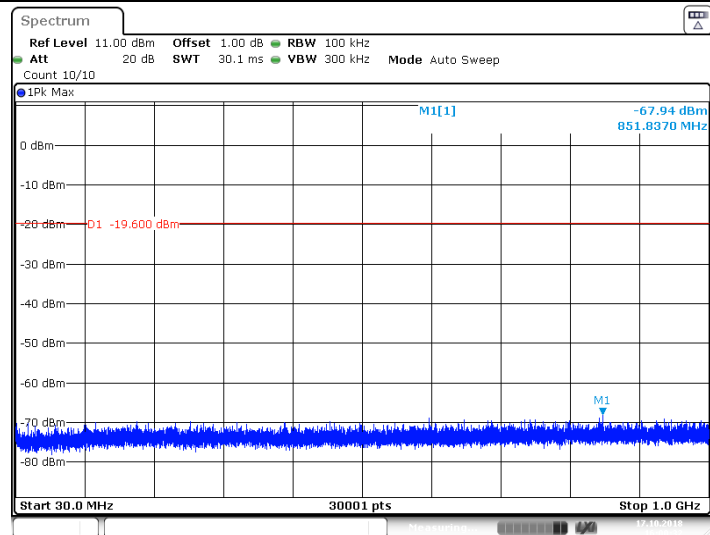
11N40MIMO_Ant2_2437_1000~26500



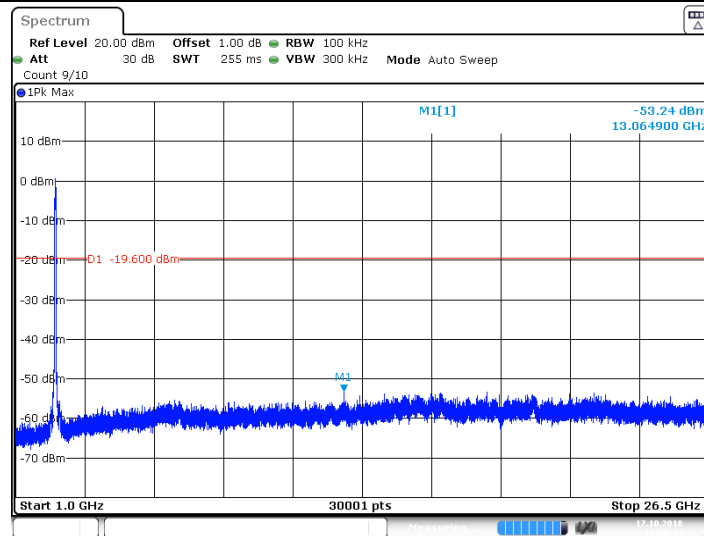
11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~1000

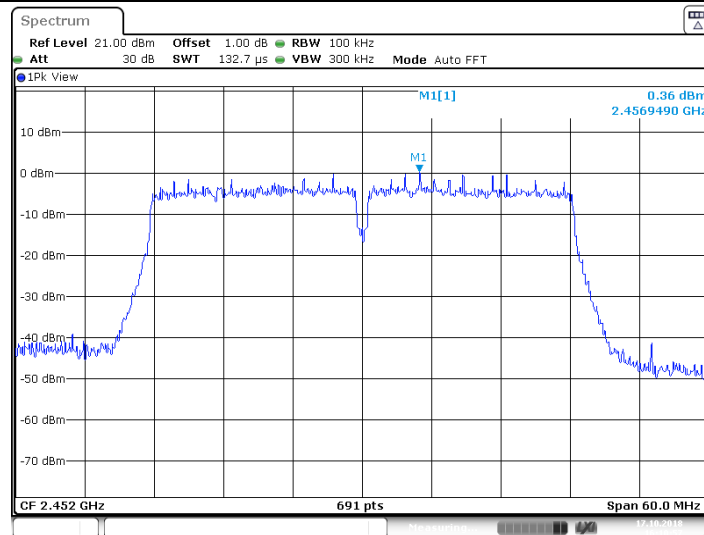


11N40MIMO_Ant1_2452_1000~26500



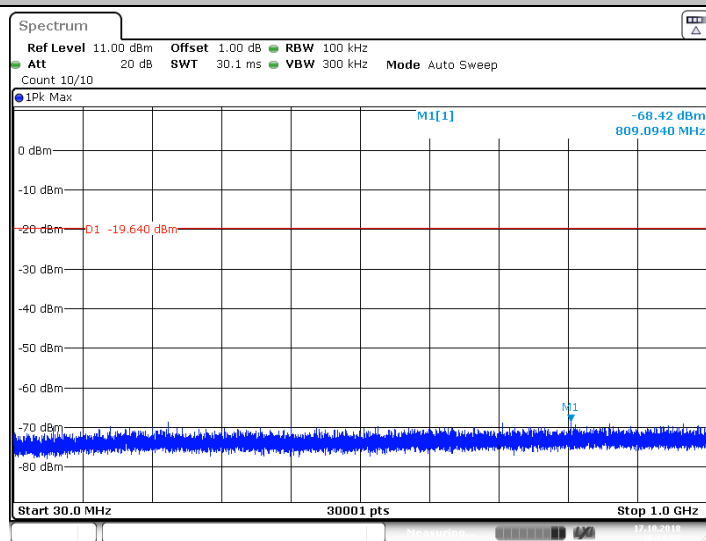
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11N40MIMO_Ant2_2452_0~Reference



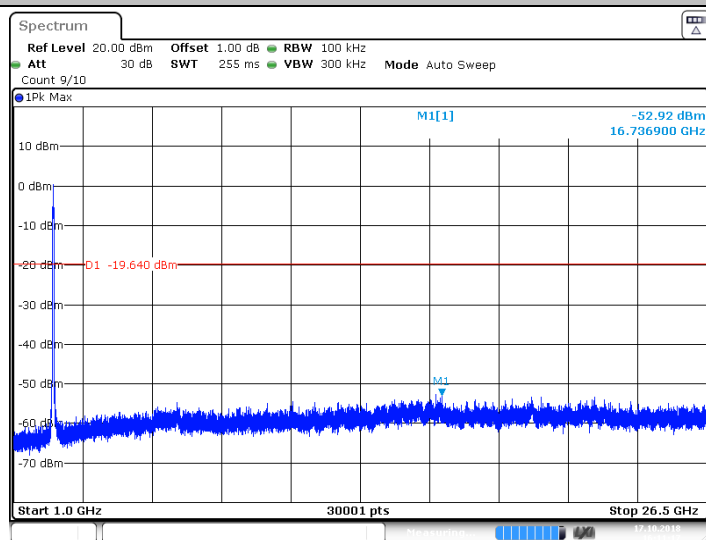
Date: 17 OCT 2018 16:10:57

11N40MIMO_Ant2_2452_30~1000



Date: 17/07/2018 16:11:06

11N40MIMO_Ant2_2452_1000~26500



Date: 17/07/2018 16:11:18