

Appendix F: Conducted Spurious Emission

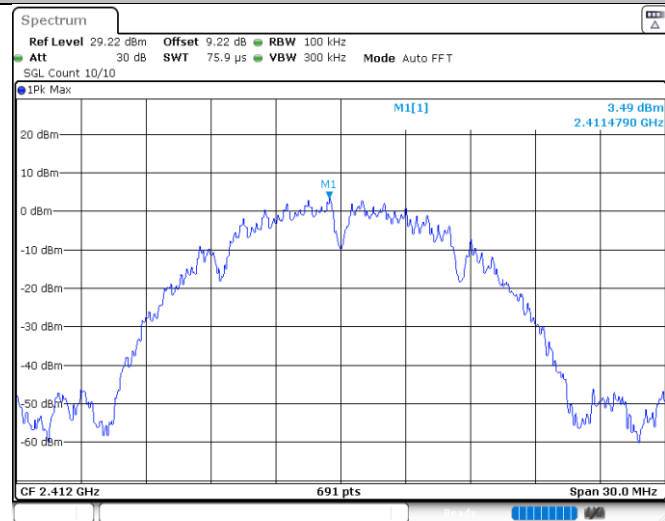
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.49	3.49	---	PASS
			30~1000	3.49	-60.36	≤-16.51	PASS
			1000~26500	3.49	-48.69	≤-16.51	PASS
	Ant2	2412	Reference	0.49	0.49	---	PASS
			30~1000	0.49	-60.51	≤-19.51	PASS
			1000~26500	0.49	-49.8	≤-19.51	PASS
	Ant1	2437	Reference	2.03	2.03	---	PASS
			30~1000	2.03	-60.72	≤-17.97	PASS
			1000~26500	2.03	-48.84	≤-17.97	PASS
	Ant2	2437	Reference	1.73	1.73	---	PASS
			30~1000	1.73	-60.19	≤-18.27	PASS
			1000~26500	1.73	-49.04	≤-18.27	PASS
	Ant1	2462	Reference	2.55	2.55	---	PASS
			30~1000	2.55	-60.34	≤-17.45	PASS
			1000~26500	2.55	-48.59	≤-17.45	PASS
	Ant2	2462	Reference	1.31	1.31	---	PASS
			30~1000	1.31	-60.71	≤-18.69	PASS
			1000~26500	1.31	-49.3	≤-18.69	PASS
11G	Ant1	2412	Reference	-0.54	-0.54	---	PASS
			30~1000	-0.54	-60.33	≤-20.54	PASS
			1000~26500	-0.54	-48.57	≤-20.54	PASS
	Ant2	2412	Reference	-1.46	-1.46	---	PASS
			30~1000	-1.46	-60.37	≤-21.46	PASS
			1000~26500	-1.46	-48.91	≤-21.46	PASS
	Ant1	2437	Reference	-1.58	-1.58	---	PASS
			30~1000	-1.58	-60.59	≤-21.58	PASS
			1000~26500	-1.58	-48.91	≤-21.58	PASS
	Ant2	2437	Reference	1.41	1.41	---	PASS
			30~1000	1.41	-60.4	≤-18.59	PASS
			1000~26500	1.41	-49.18	≤-18.59	PASS
	Ant1	2462	Reference	0.43	0.43	---	PASS
			30~1000	0.43	-60.6	≤-19.57	PASS
			1000~26500	0.43	-47.89	≤-19.57	PASS
	Ant2	2462	Reference	-2.28	-2.28	---	PASS
			30~1000	-2.28	-60.34	≤-22.28	PASS
			1000~26500	-2.28	-48.28	≤-22.28	PASS
11N20MIMO	Ant1	2412	Reference	-2.13	-2.13	---	PASS

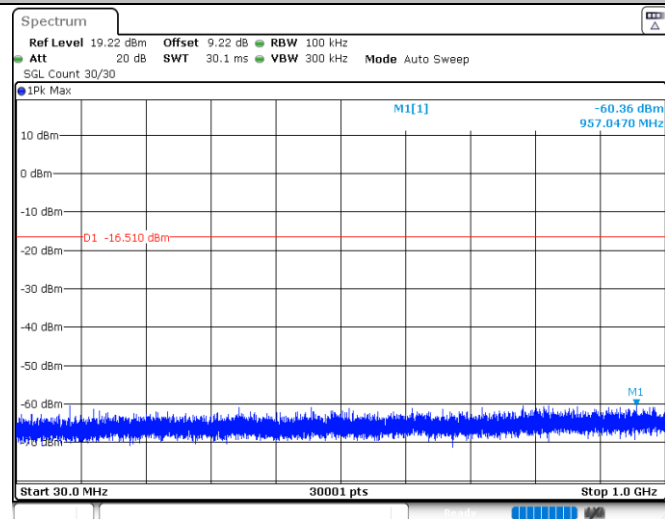
			30~1000	-2.13	-60.11	≤ -22.13	PASS
			1000~26500	-2.13	-49.09	≤ -22.13	PASS
	Ant2	2412	Reference	-2.13	-2.13	---	PASS
			30~1000	-2.13	-59.57	≤ -22.13	PASS
			1000~26500	-2.13	-47.88	≤ -22.13	PASS
	Ant1	2437	Reference	-2.87	-2.87	---	PASS
			30~1000	-2.87	-60.27	≤ -22.87	PASS
			1000~26500	-2.87	-48.59	≤ -22.87	PASS
	Ant2	2437	Reference	-2.73	-2.73	---	PASS
			30~1000	-2.73	-60.46	≤ -22.73	PASS
			1000~26500	-2.73	-48.93	≤ -22.73	PASS
	Ant1	2462	Reference	-2.16	-2.16	---	PASS
			30~1000	-2.16	-59.82	≤ -22.16	PASS
			1000~26500	-2.16	-49.37	≤ -22.16	PASS
	Ant2	2462	Reference	-2.99	-2.99	---	PASS
			30~1000	-2.99	-60.71	≤ -22.99	PASS
			1000~26500	-2.99	-48.85	≤ -22.99	PASS
11N40MIMO	Ant1	2422	Reference	-3.31	-3.31	---	PASS
			30~1000	-3.31	-60.03	≤ -23.31	PASS
			1000~26500	-3.31	-48.52	≤ -23.31	PASS
	Ant2	2422	Reference	-5.68	-5.68	---	PASS
			30~1000	-5.68	-60.66	≤ -25.68	PASS
			1000~26500	-5.68	-48.67	≤ -25.68	PASS
	Ant1	2437	Reference	-5.32	-5.32	---	PASS
			30~1000	-5.32	-60.04	≤ -25.32	PASS
			1000~26500	-5.32	-48.06	≤ -25.32	PASS
	Ant2	2437	Reference	-5.07	-5.07	---	PASS
			30~1000	-5.07	-60.36	≤ -25.07	PASS
			1000~26500	-5.07	-48.54	≤ -25.07	PASS
	Ant1	2452	Reference	-3.42	-3.42	---	PASS
			30~1000	-3.42	-60.38	≤ -23.42	PASS
			1000~26500	-3.42	-48.89	≤ -23.42	PASS
	Ant2	2452	Reference	-4.70	-4.70	---	PASS
			30~1000	-4.70	-60.69	≤ -24.7	PASS
			1000~26500	-4.70	-49.27	≤ -24.7	PASS

Test Graphs

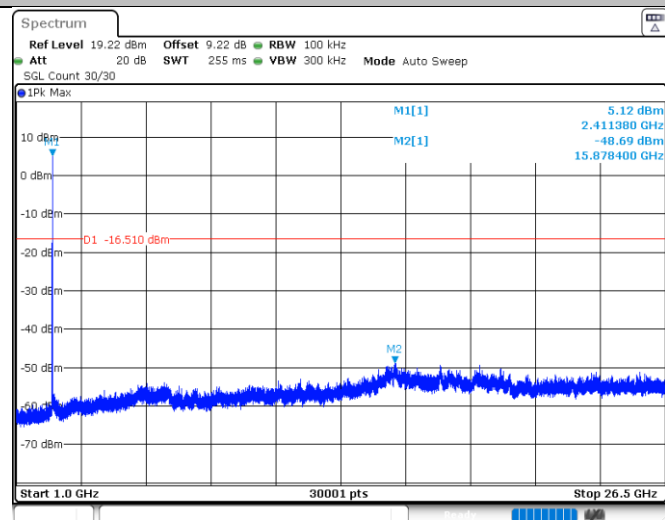
11B_Ant1_2412_0~Reference



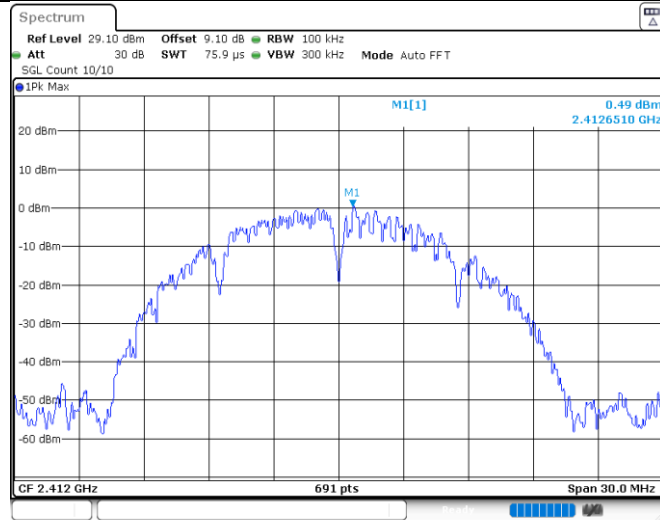
11B_Ant1_2412_30~1000



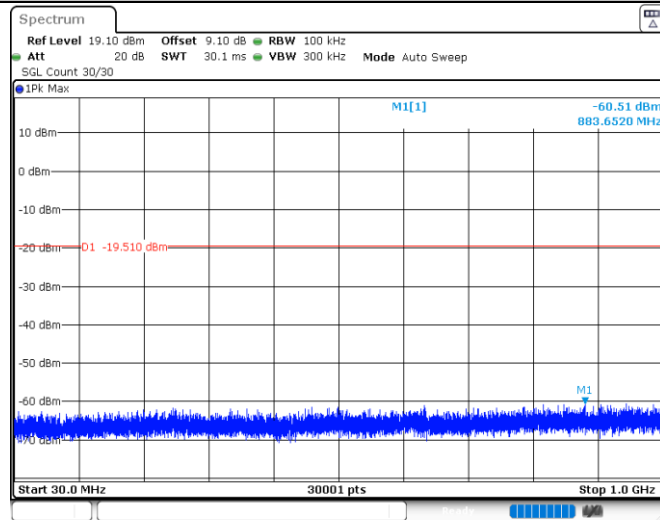
11B_Ant1_2412_1000~26500



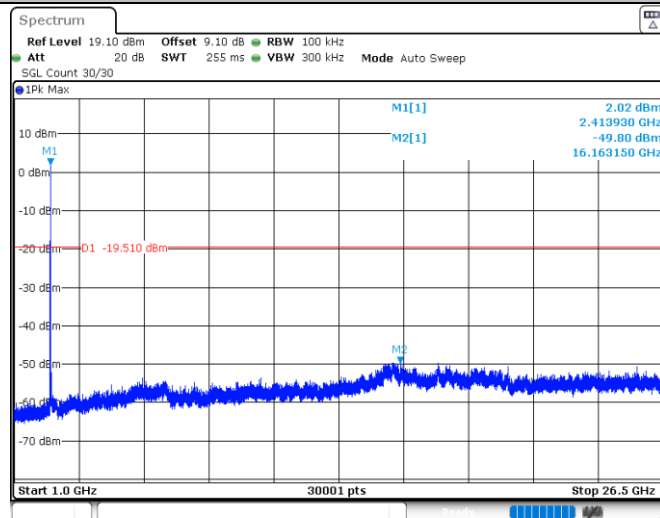
11B_Ant2_2412_0~Reference



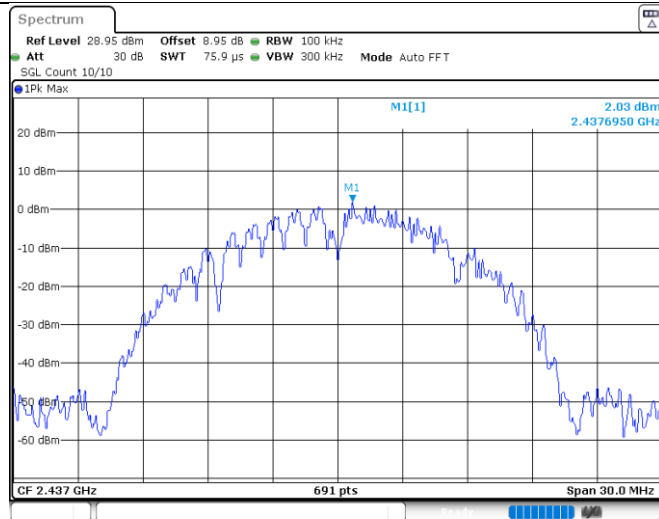
11B_Ant2_2412_30~1000



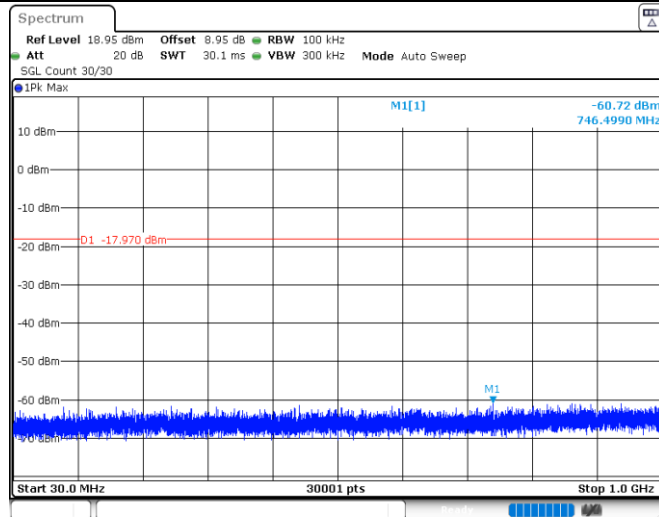
11B_Ant2_2412_1000~26500



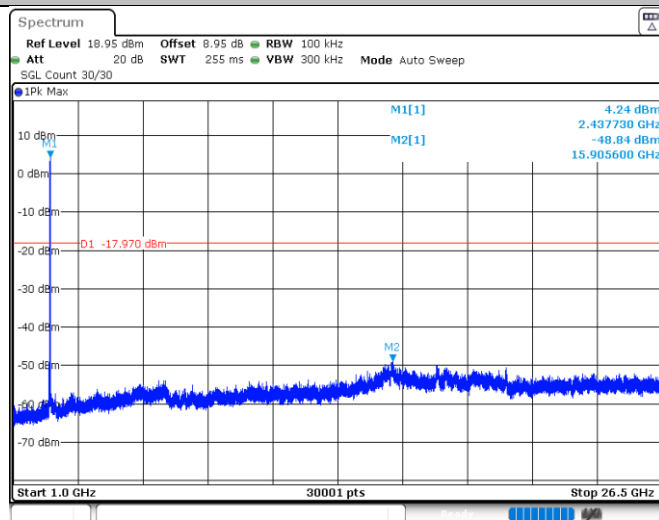
11B_Ant1_2437_0~Reference



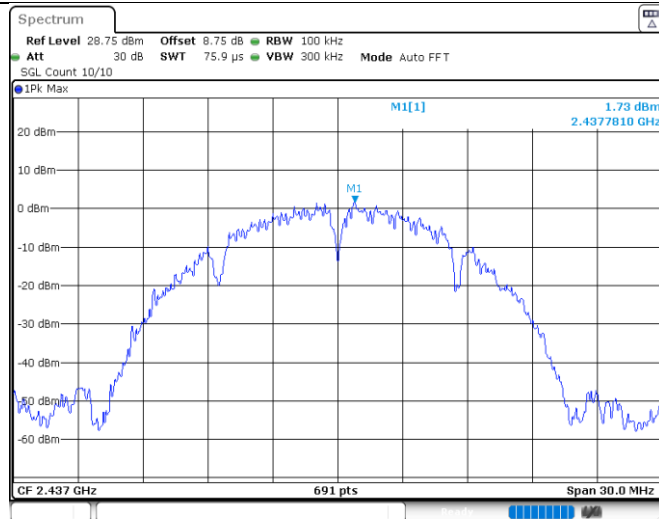
11B_Ant1_2437_30~1000



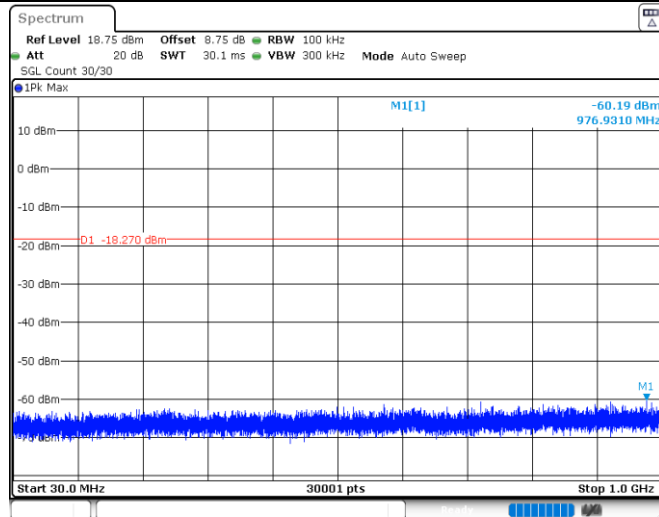
11B_Ant1_2437_1000~26500



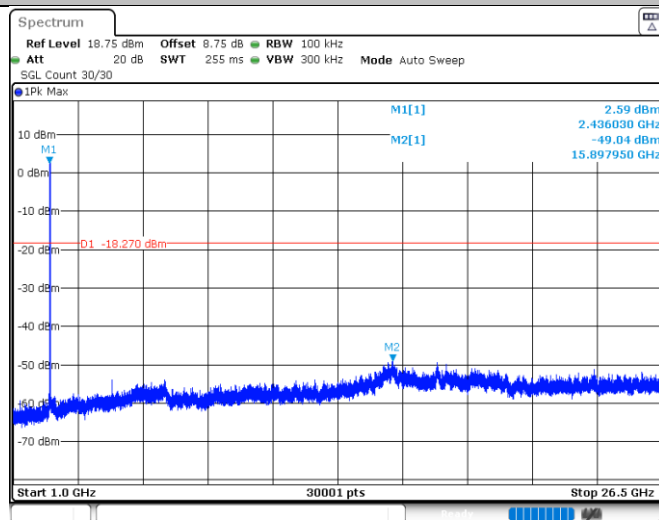
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



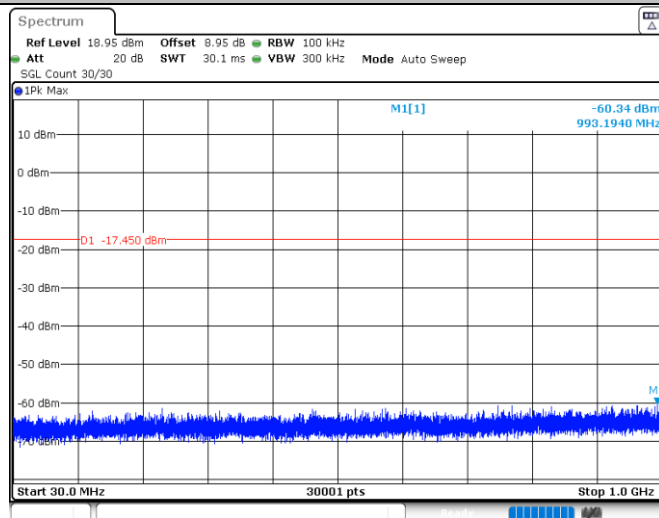
11B_Ant2_2437_1000~26500



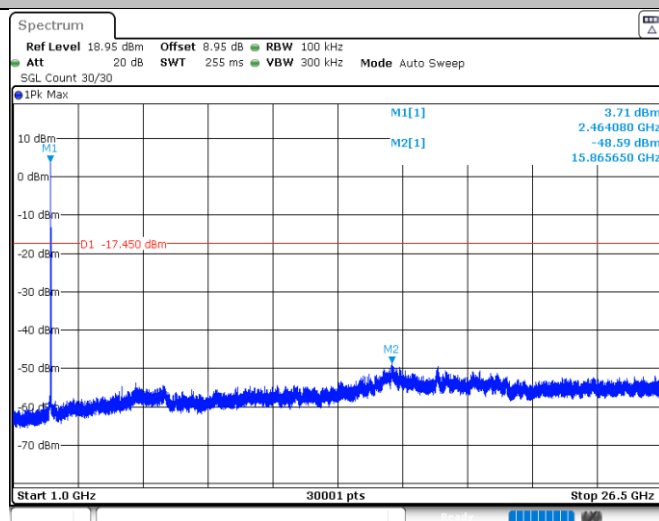
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



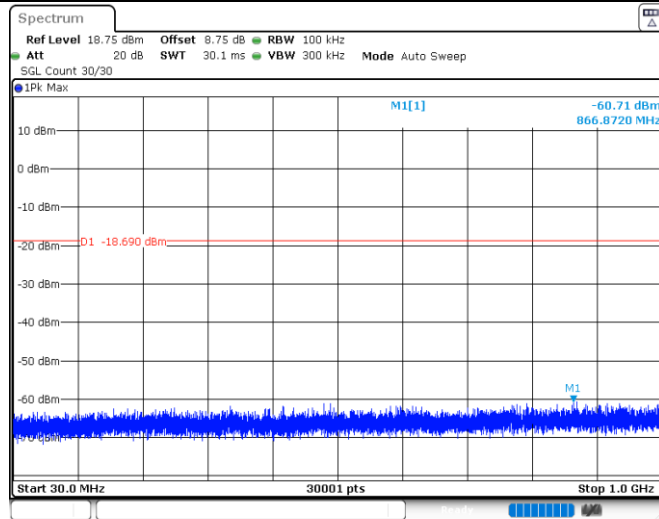
11B_Ant1_2462_1000~26500



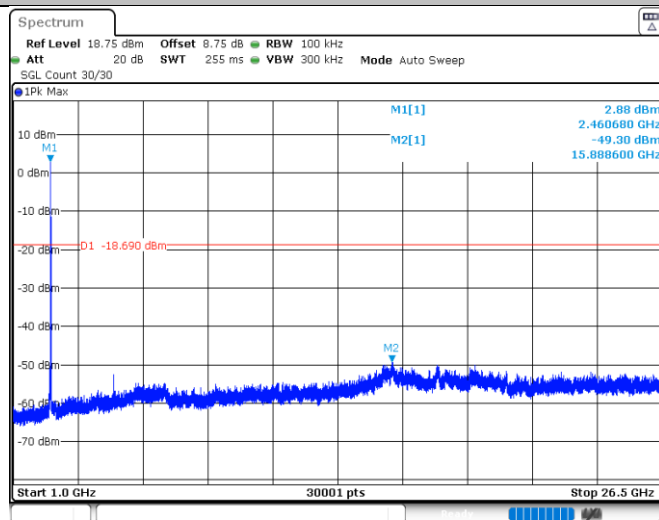
11B_Ant2_2462_0~Reference



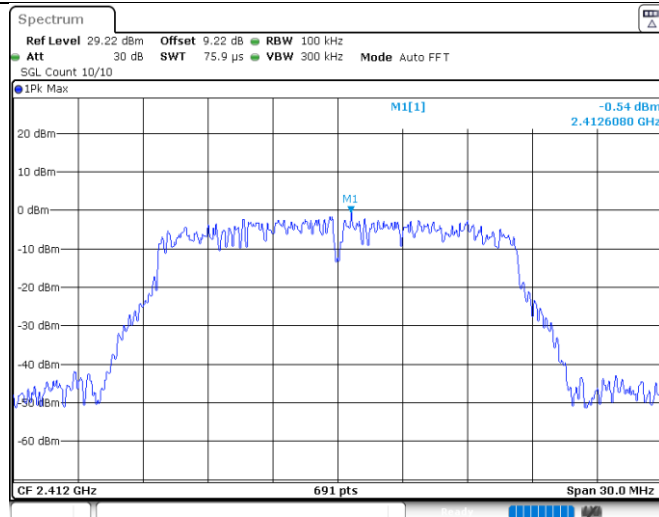
11B_Ant2_2462_30~1000



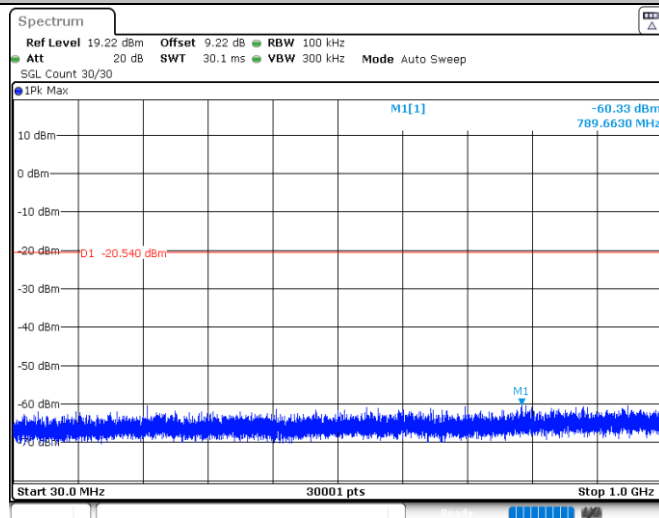
11B_Ant2_2462_1000~26500



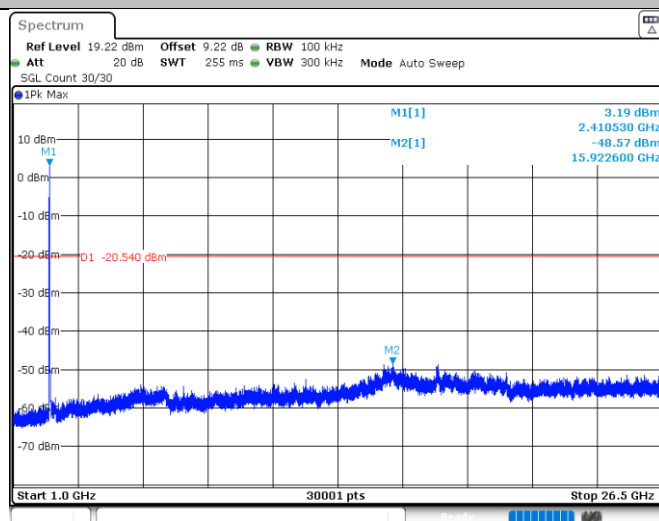
11G_Ant1_2412_0~Reference



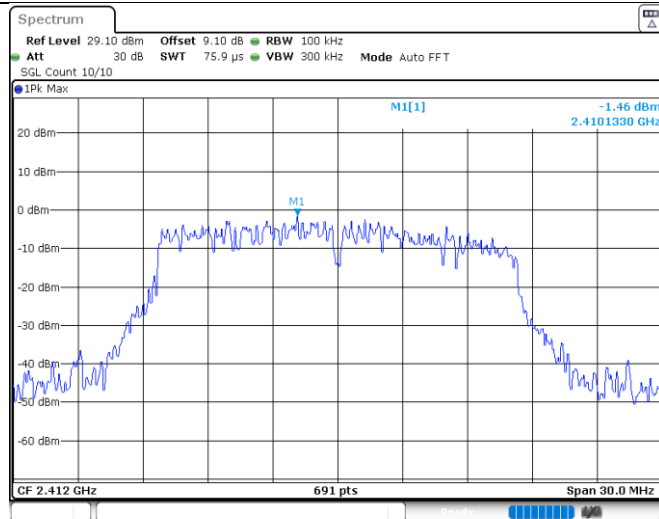
11G_Ant1_2412_30~1000



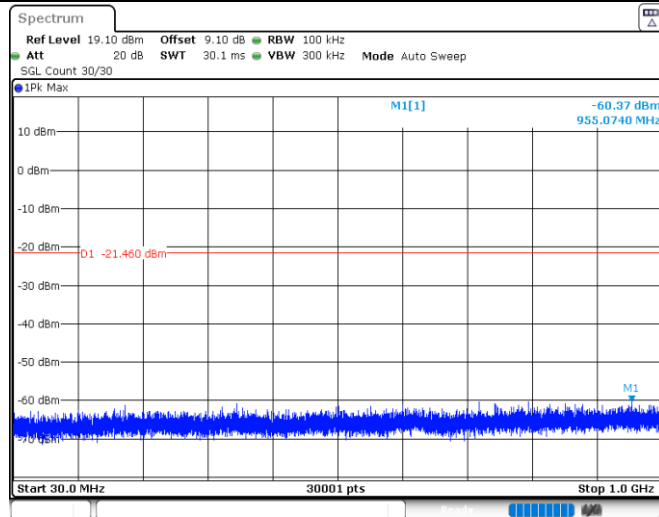
11G_Ant1_2412_1000~26500



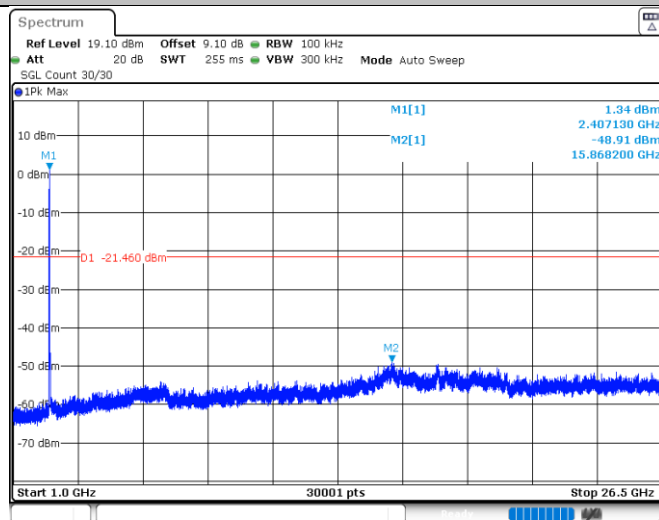
11G_Ant2_2412_0~Reference



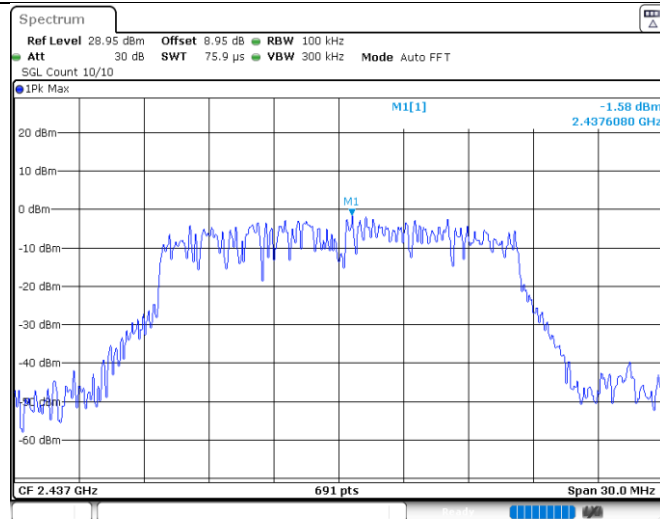
11G_Ant2_2412_30~1000



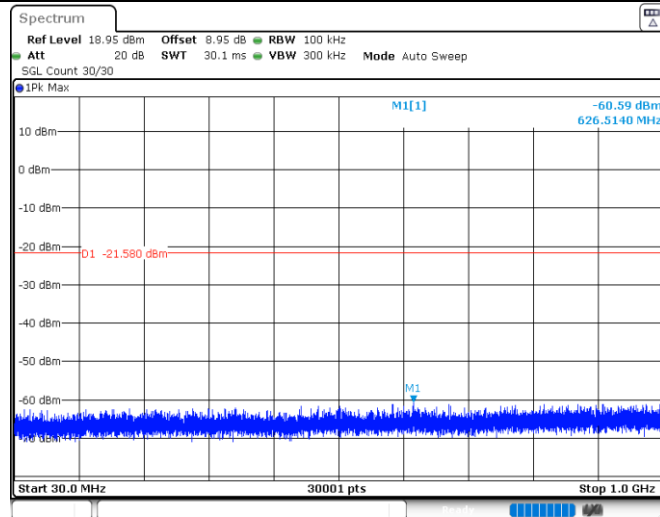
11G_Ant2_2412_1000~26500



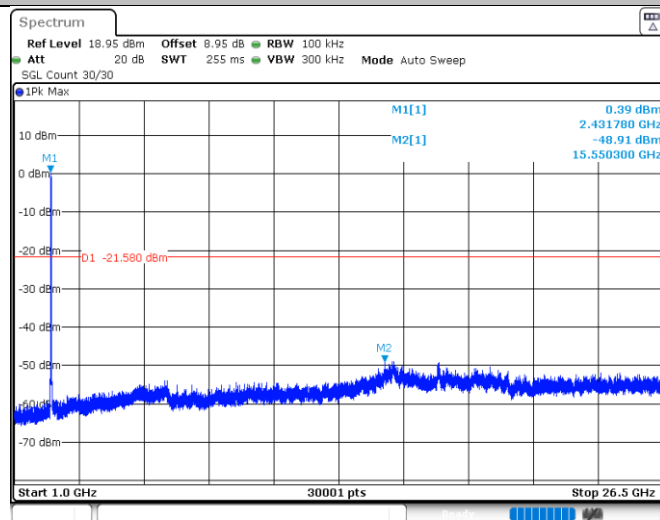
11G_Ant1_2437_0~Reference



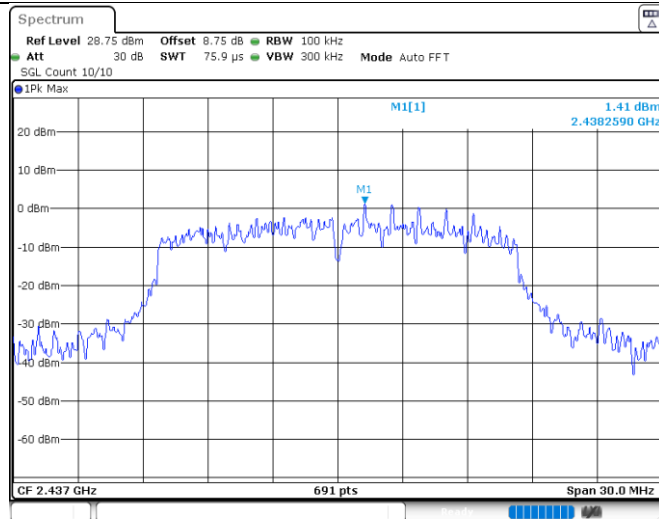
11G_Ant1_2437_30~1000



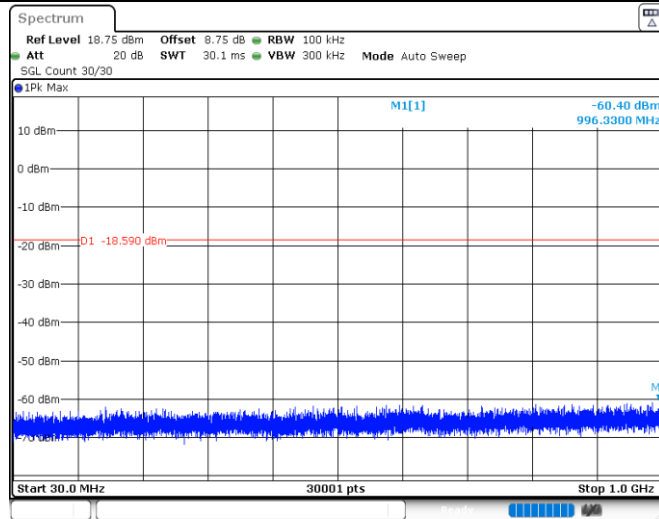
11G_Ant1_2437_1000~26500



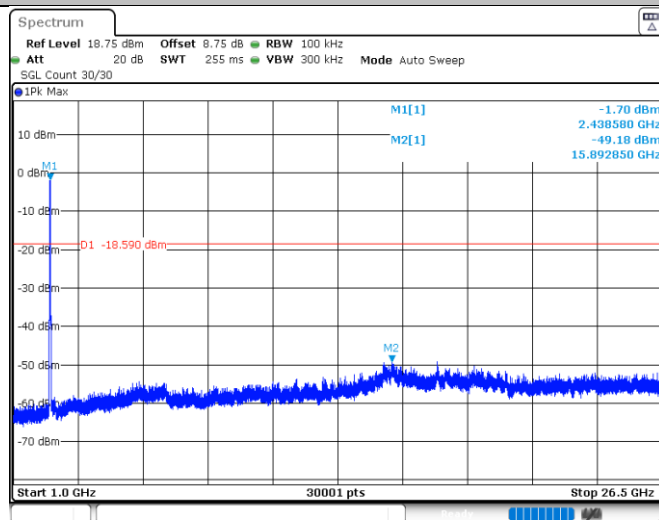
11G_Ant2_2437_0~Reference



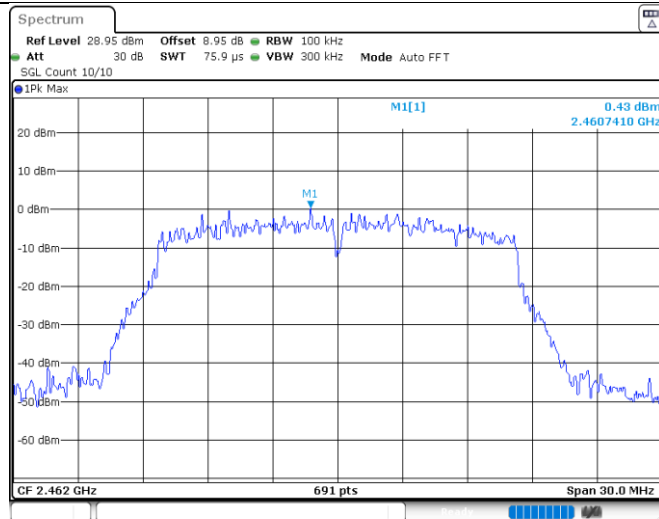
11G_Ant2_2437_30~1000



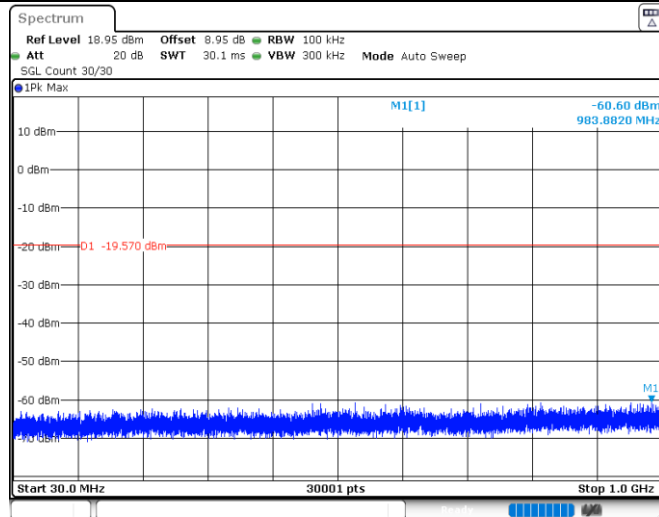
11G_Ant2_2437_1000~26500



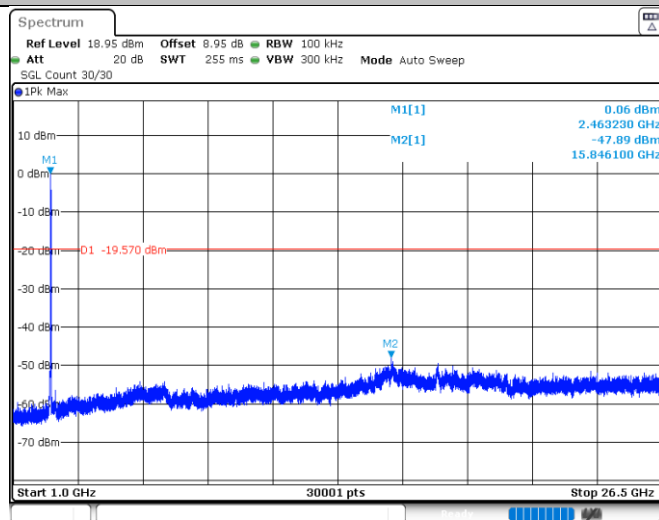
11G_Ant1_2462_0~Reference



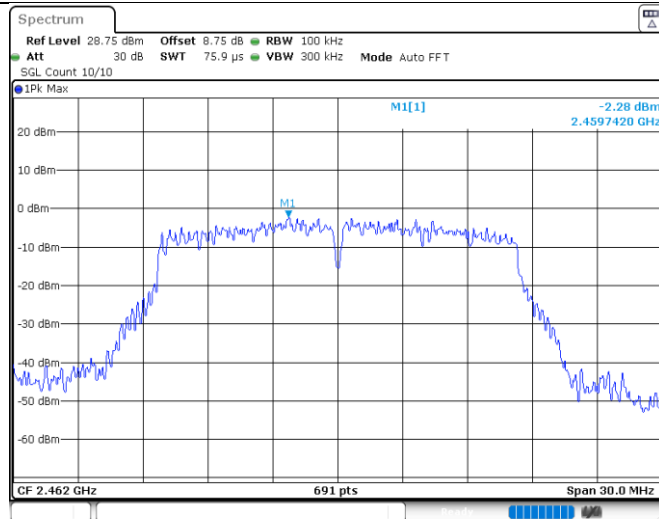
11G_Ant1_2462_30~1000



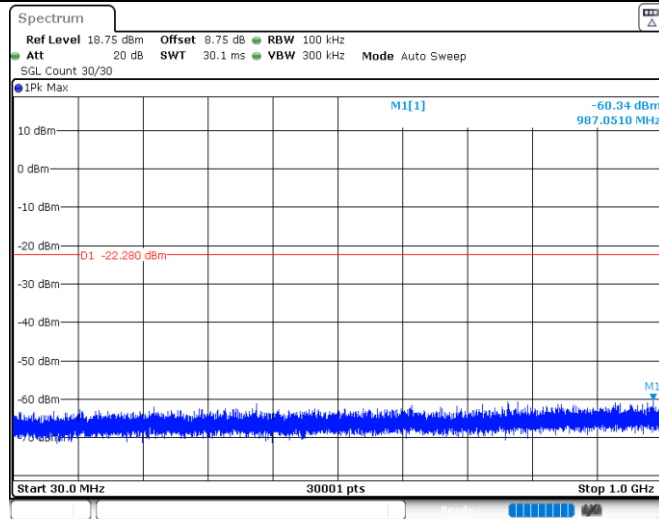
11G_Ant1_2462_1000~26500



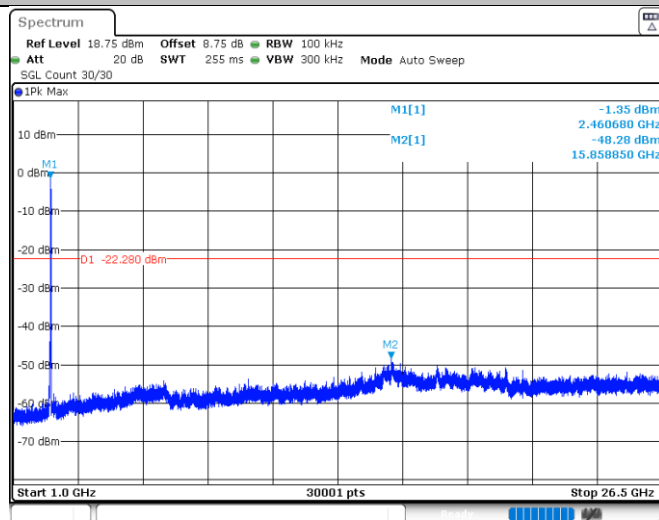
11G_Ant2_2462_0~Reference



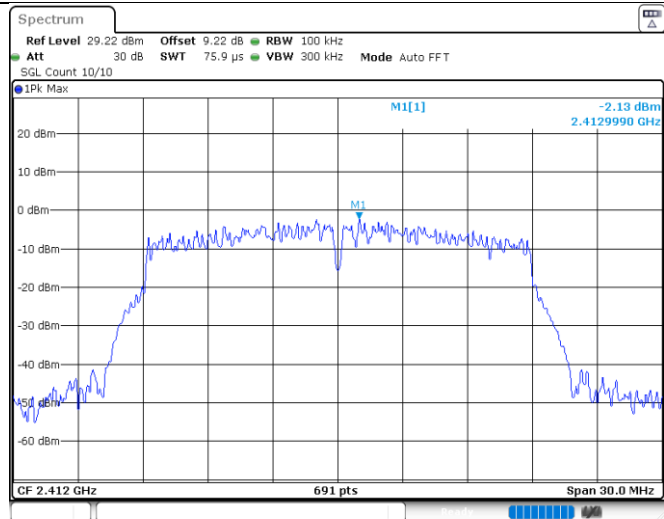
11G_Ant2_2462_30~1000



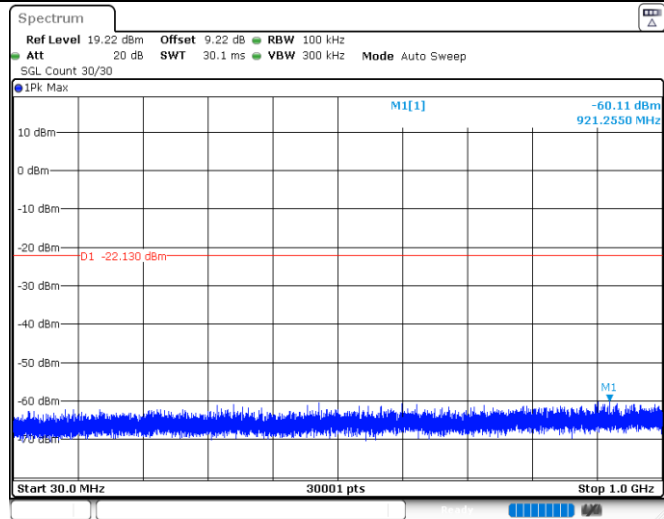
11G_Ant2_2462_1000~26500



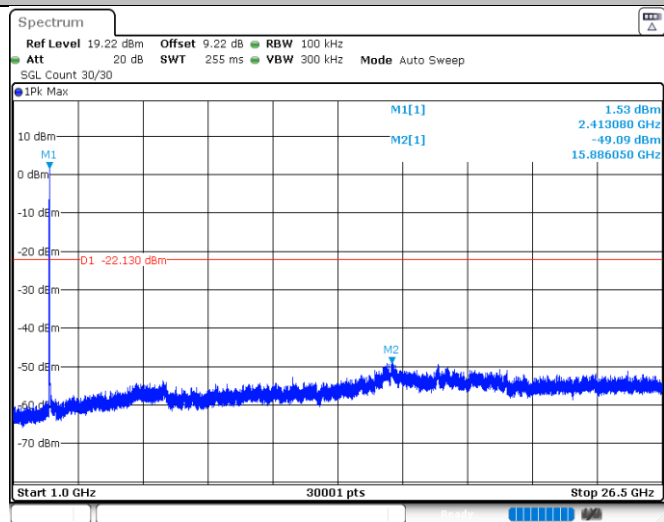
11N20MIMO_Ant1_2412_0~Reference



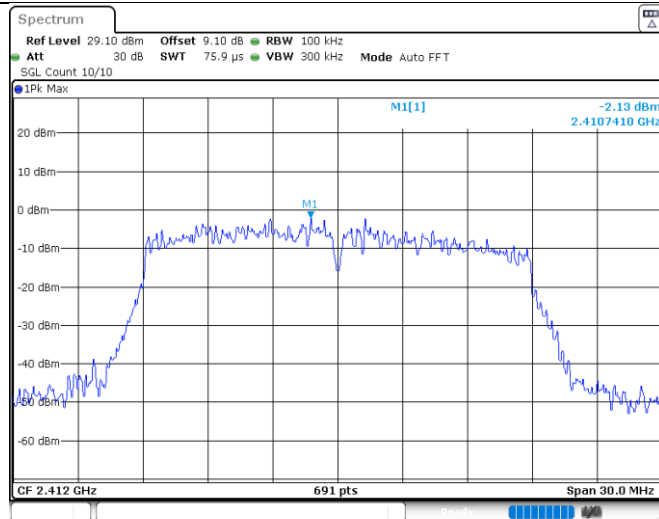
11N20MIMO_Ant1_2412_30~1000



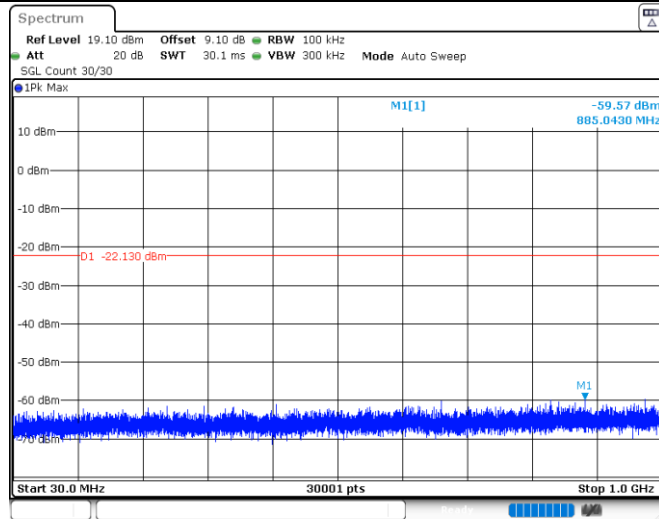
11N20MIMO_Ant1_2412_1000~26500



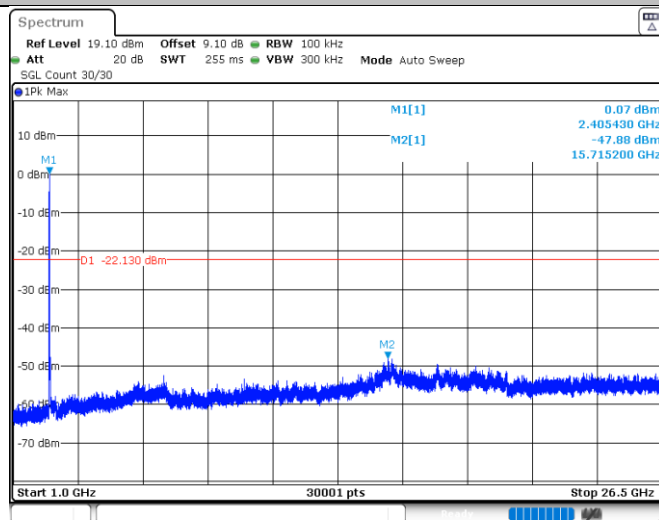
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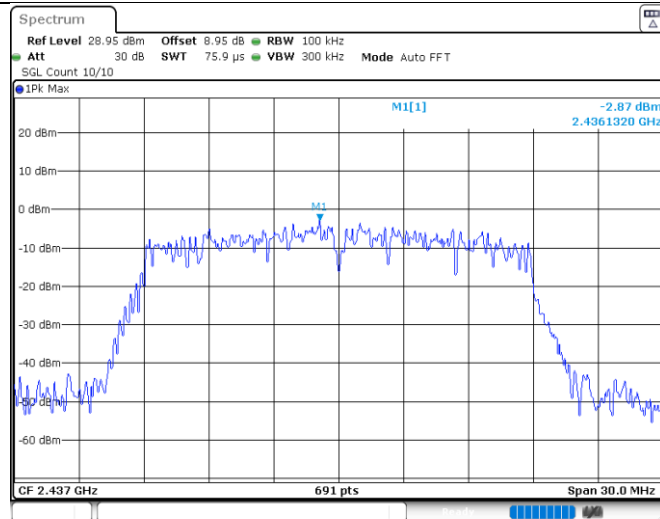
11N20MIMO_Ant2_2412_30~1000



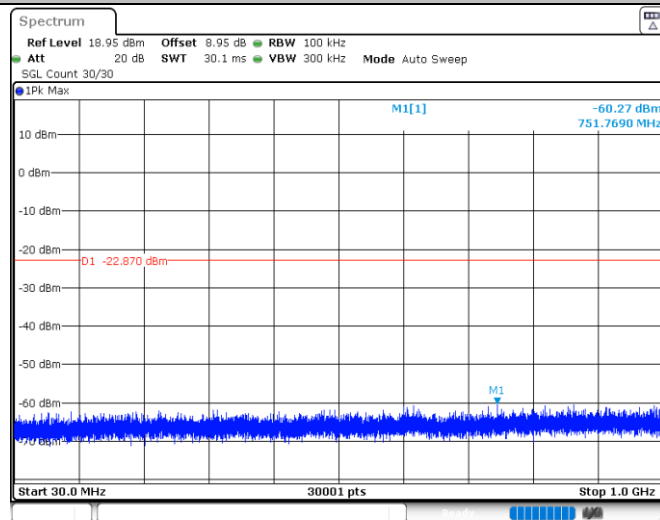
11N20MIMO_Ant2_2412_1000~26500



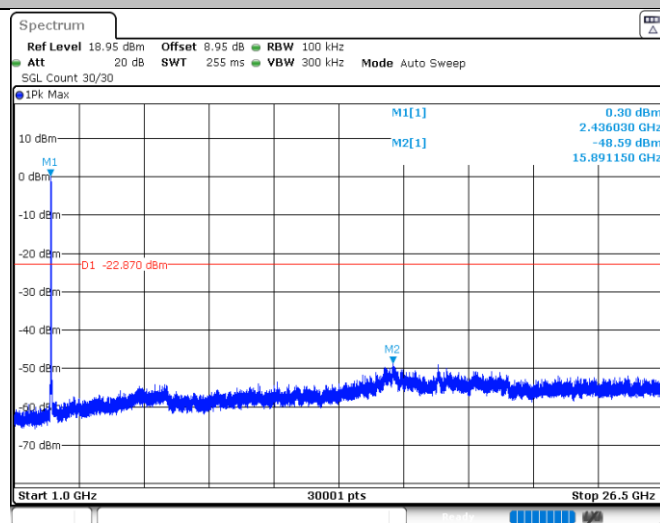
11N20MIMO_Ant1_2437_0~Reference



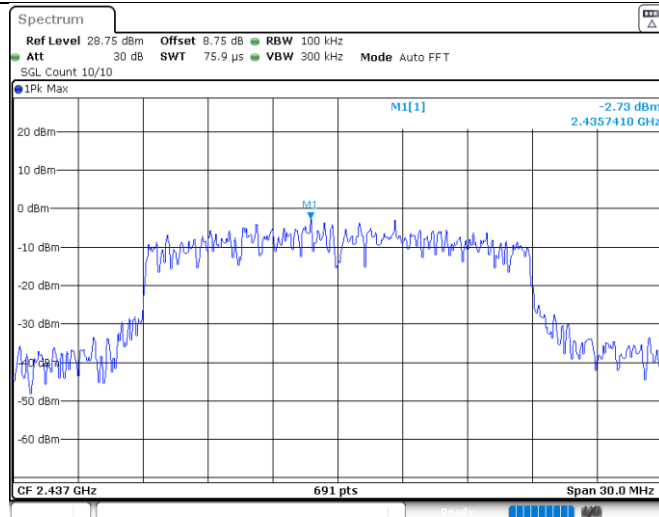
11N20MIMO_Ant1_2437_30~1000



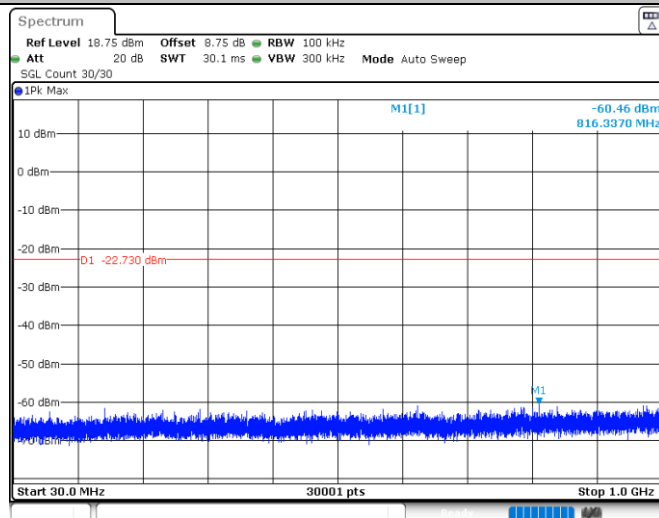
11N20MIMO_Ant1_2437_1000~26500



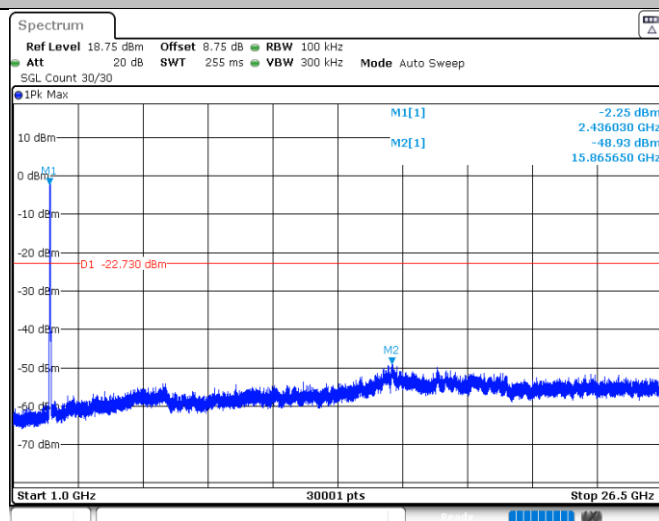
11N20MIMO_Ant2_2437_0~Reference



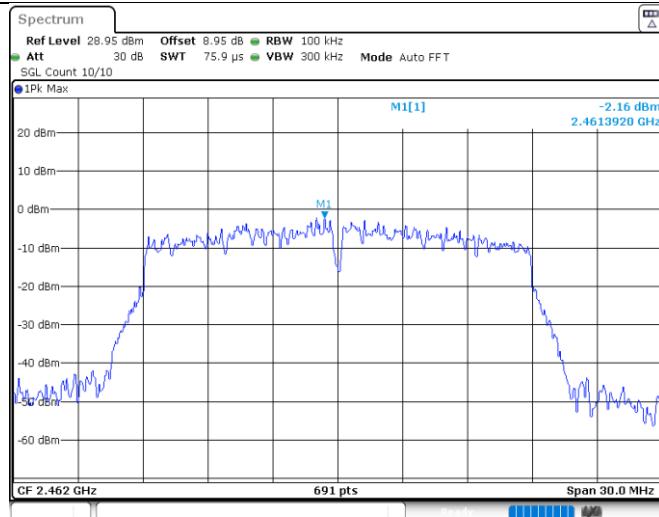
11N20MIMO_Ant2_2437_30~1000



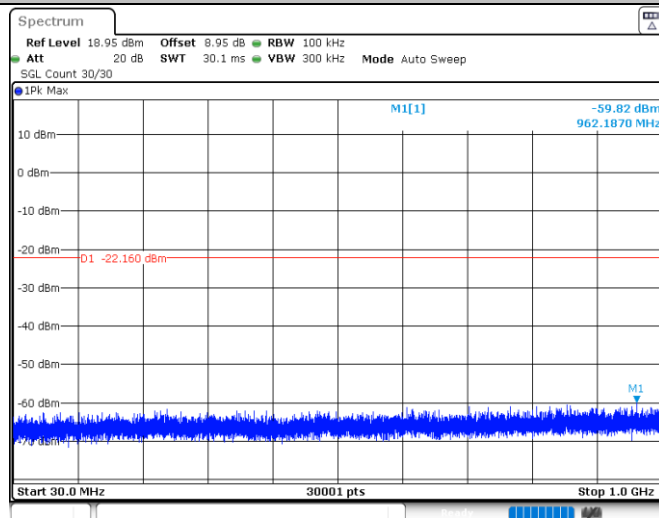
11N20MIMO_Ant2_2437_1000~26500



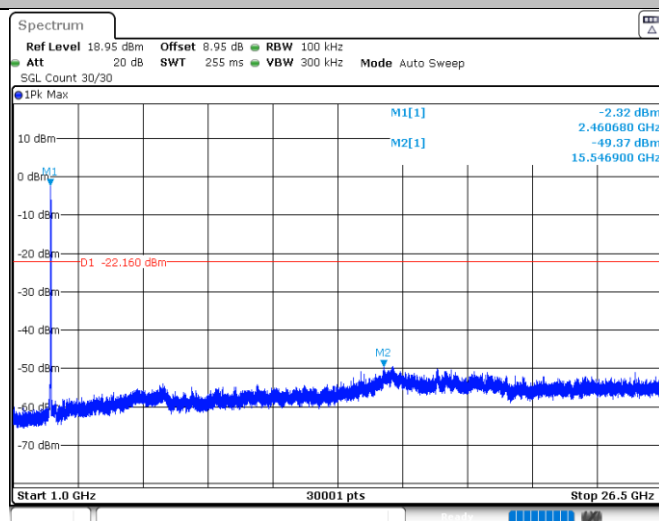
11N20MIMO_Ant1_2462_0~Reference



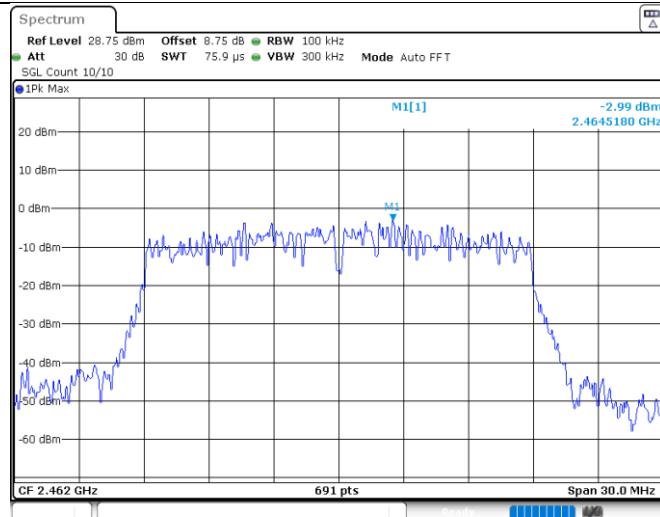
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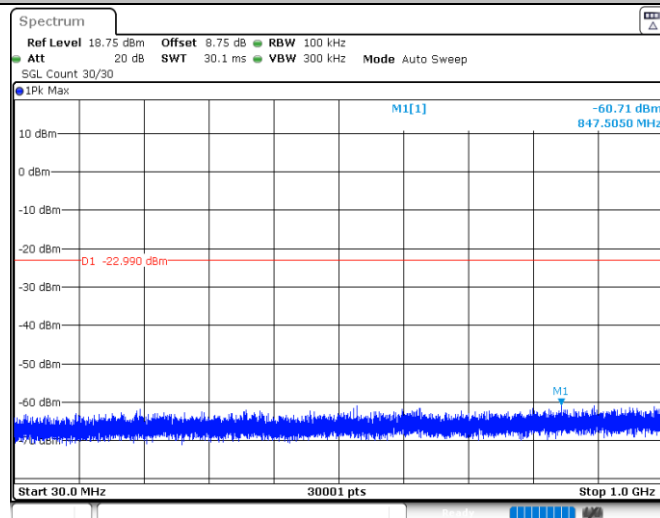
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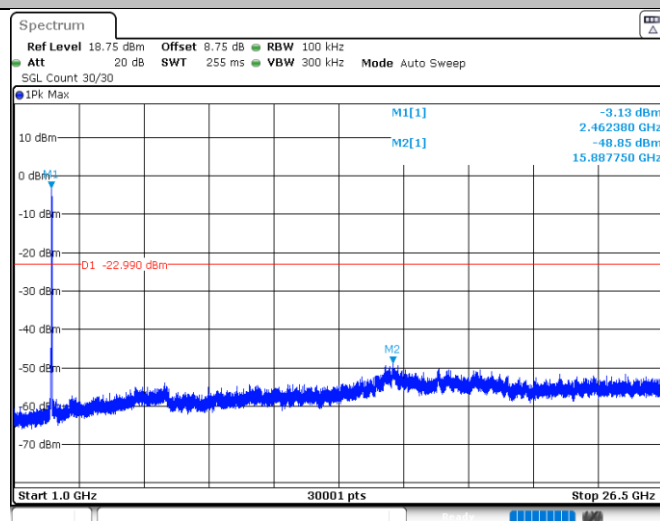
11N20MIMO_Ant2_2462_0~Reference



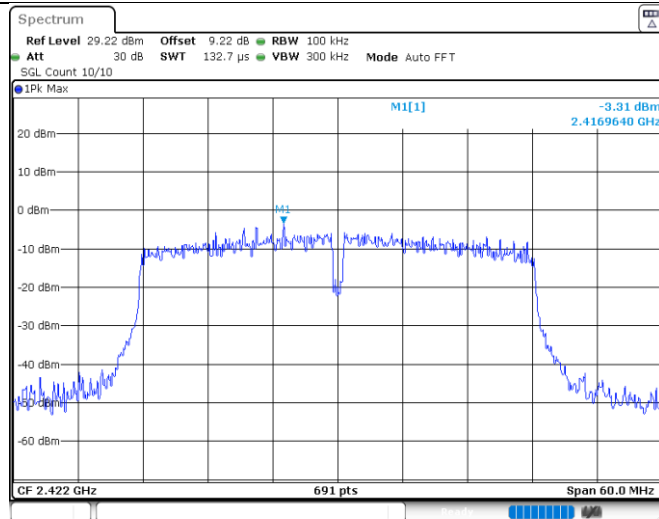
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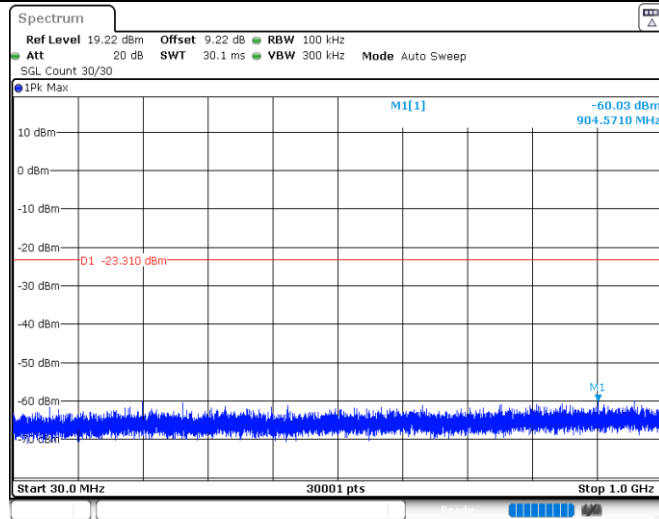
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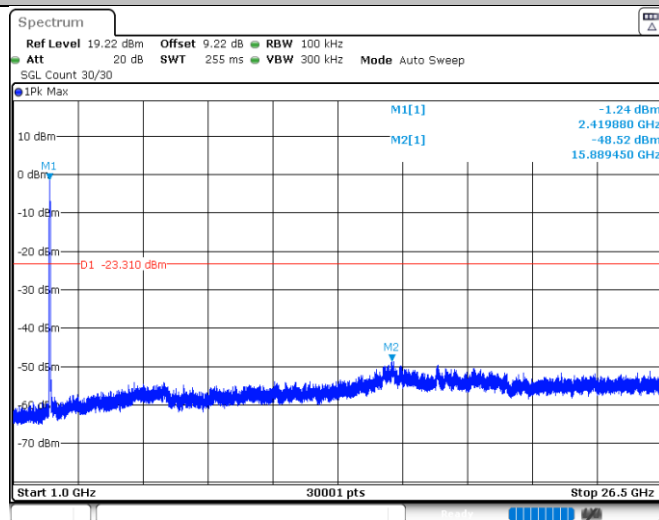
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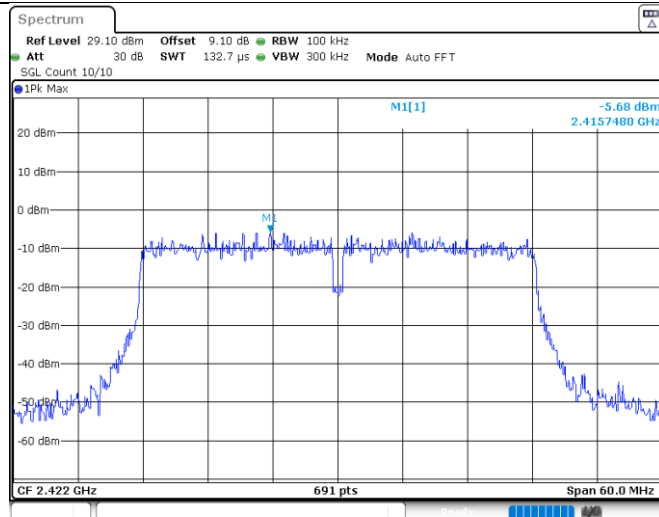
11N40MIMO_Ant1_2422_30~1000



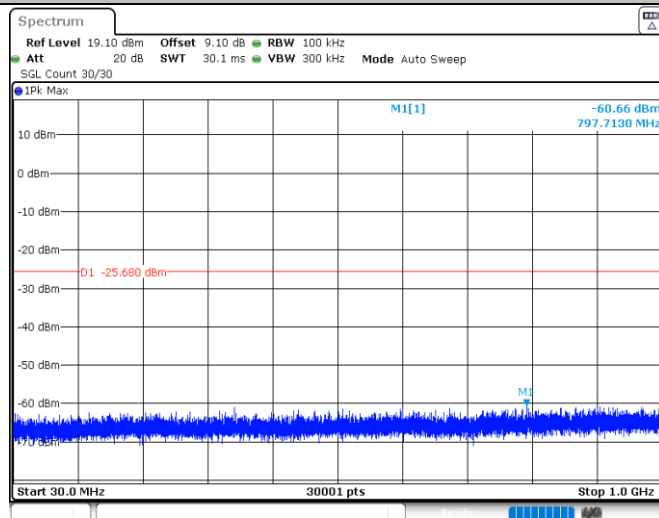
11N40MIMO_Ant1_2422_1000~26500



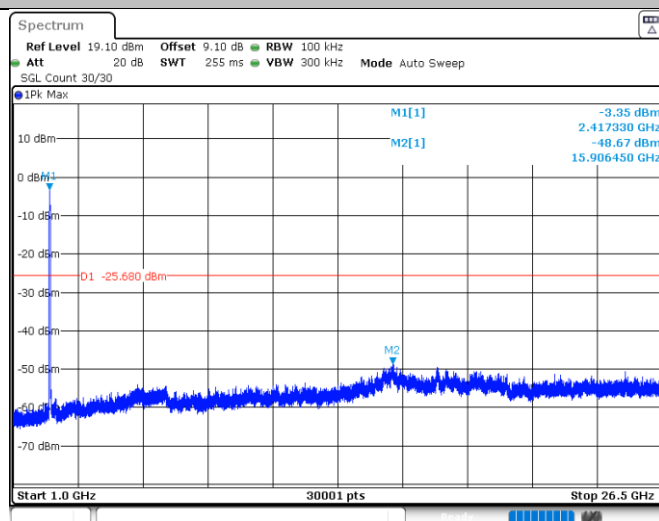
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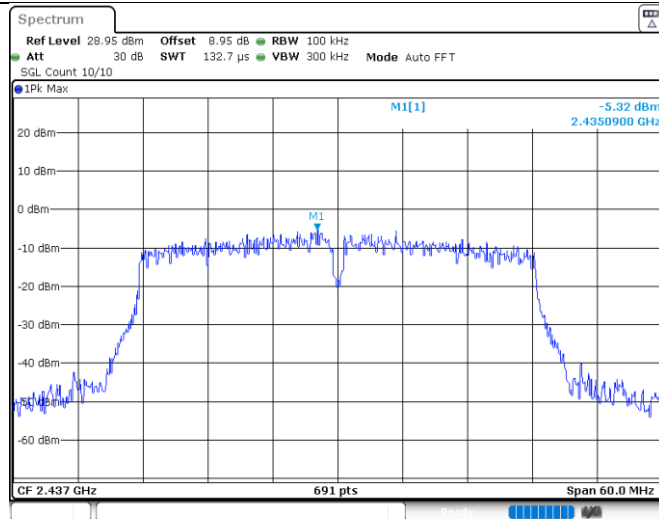
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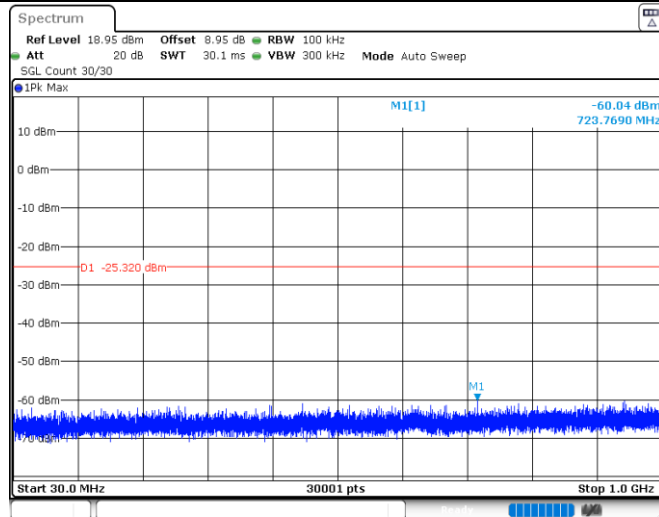
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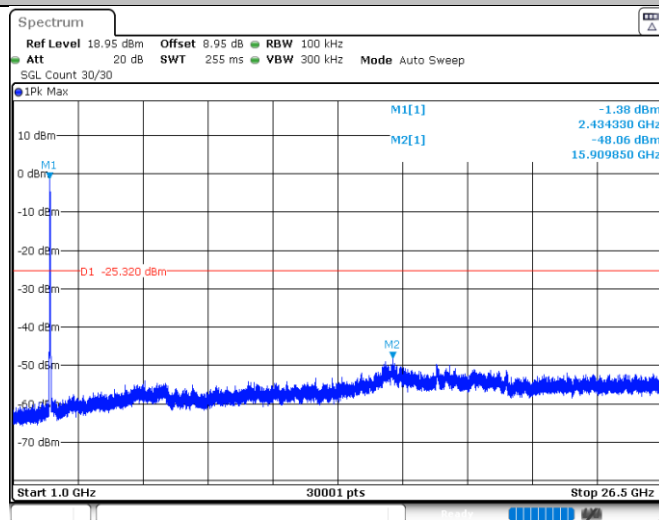
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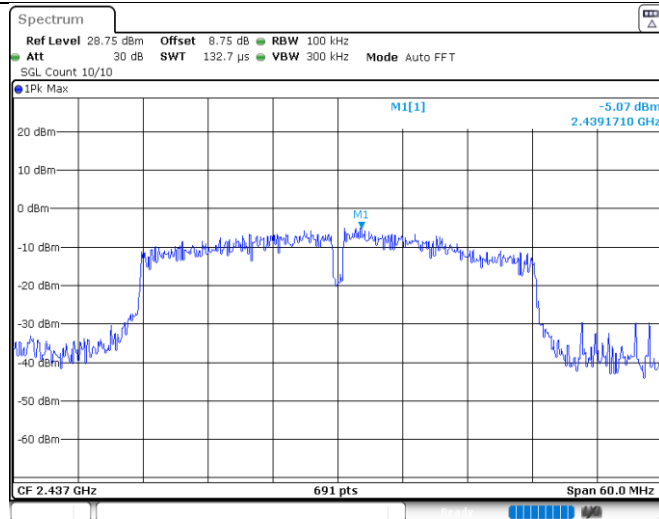
11N40MIMO_Ant1_2437_30~1000



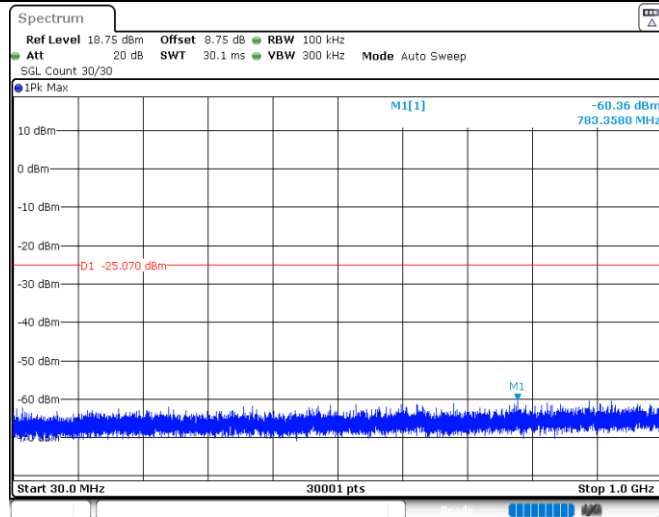
11N40MIMO_Ant1_2437_1000~26500



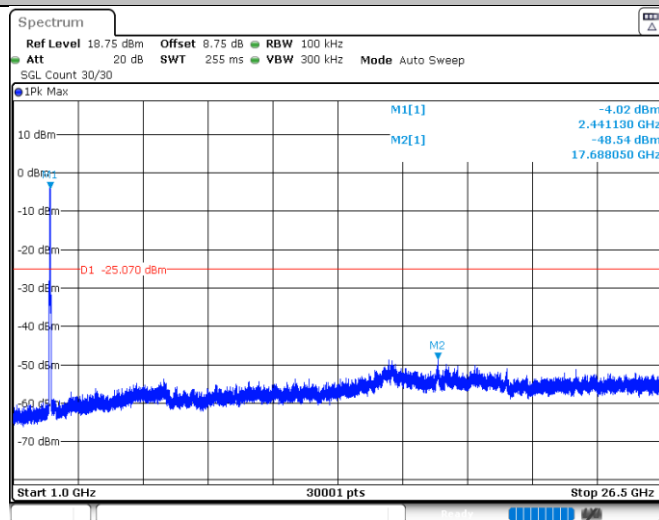
11N40MIMO_Ant2_2437_0~Reference



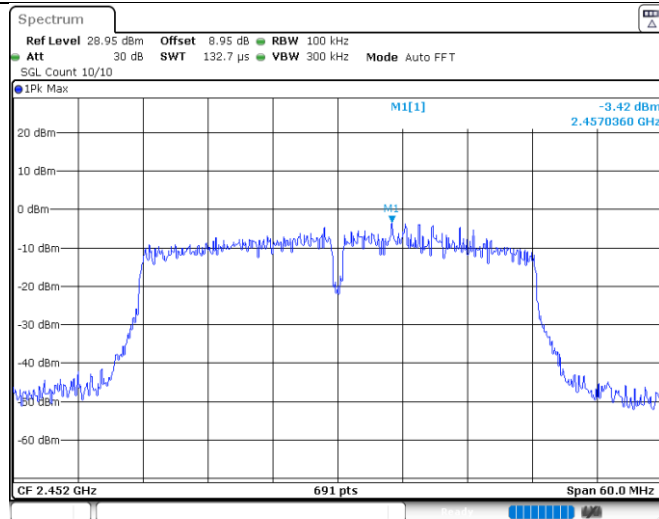
11N40MIMO_Ant2_2437_30~1000



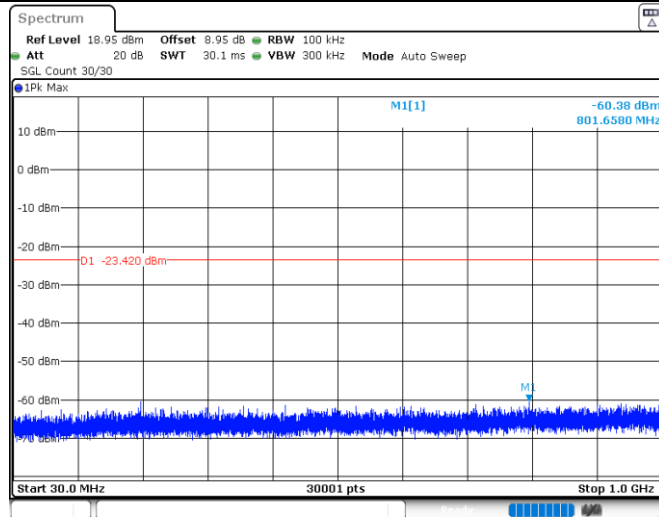
11N40MIMO_Ant2_2437_1000~26500



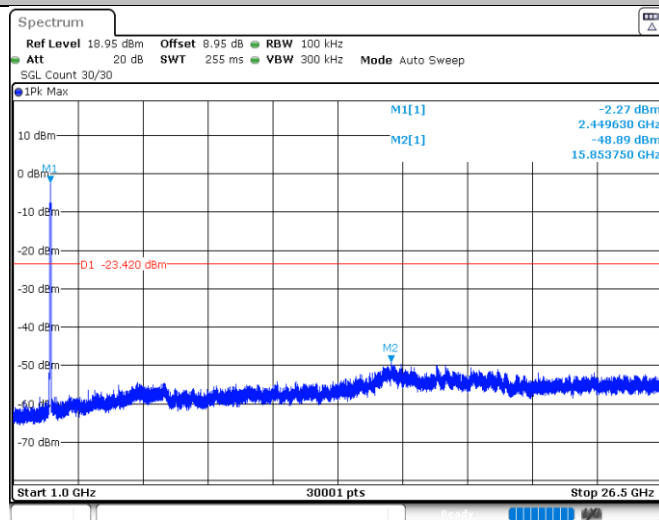
11N40MIMO_Ant1_2452_0~Reference



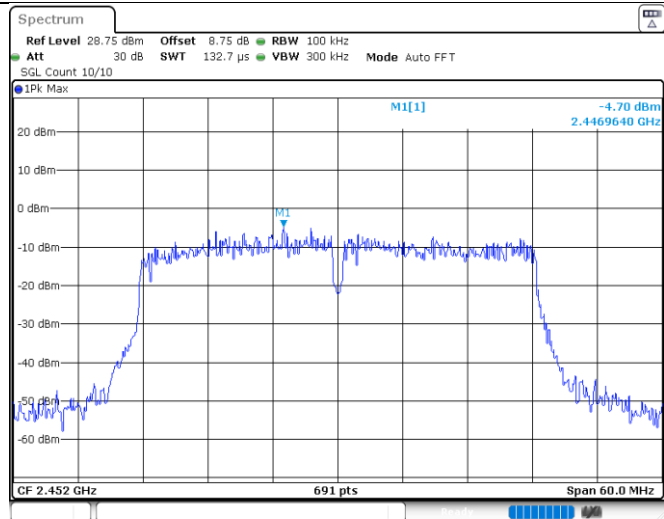
11N40MIMO_Ant1_2452_30~1000



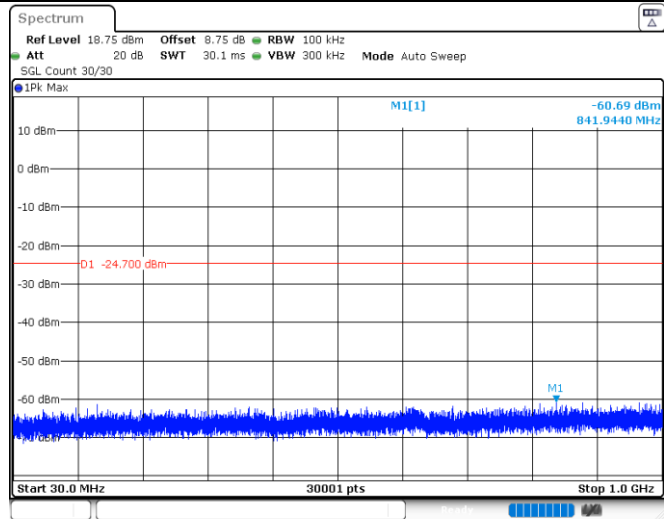
11N40MIMO_Ant1_2452_1000~26500



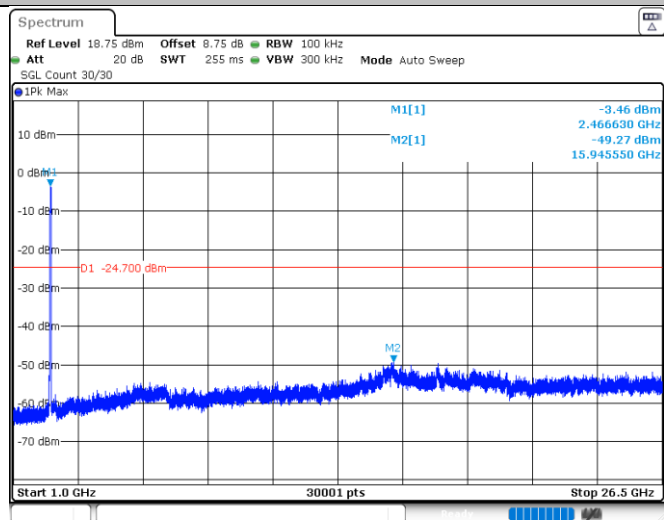
11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500



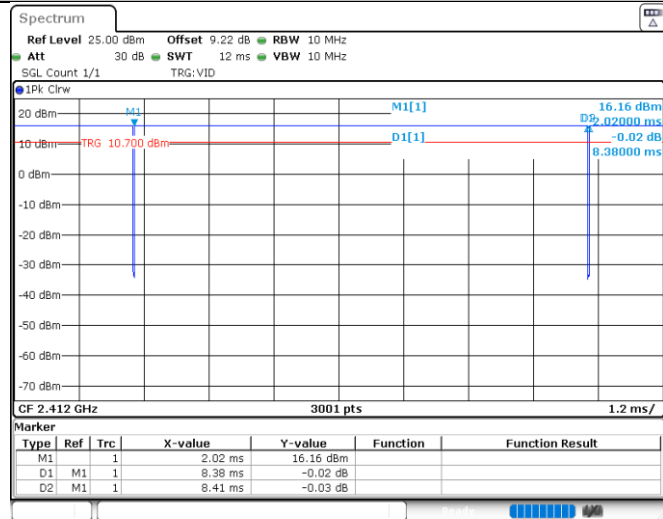
Appendix G: Duty Cycle

Test Result

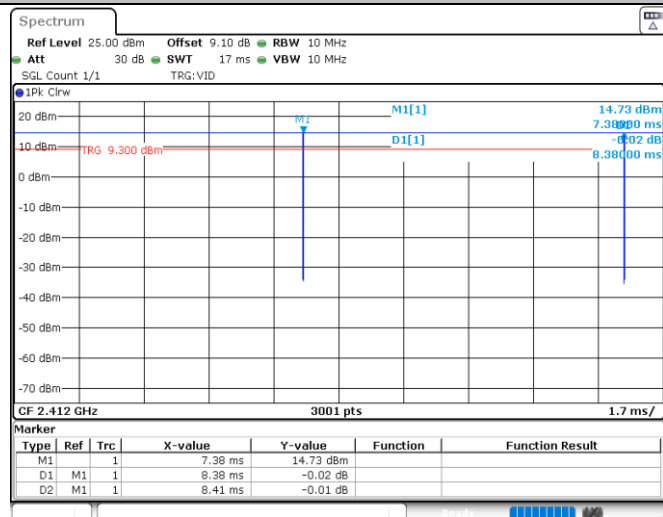
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.41	99.64	---	---
	Ant2	2412	8.38	8.41	99.64	---	---
	Ant1	2437	8.39	8.42	99.64	---	---
	Ant2	2437	8.38	8.41	99.64	---	---
	Ant1	2462	8.38	8.41	99.64	---	---
	Ant2	2462	8.37	8.40	99.64	---	---
11G	Ant1	2412	1.39	1.43	97.20	---	---
	Ant2	2412	1.39	1.43	97.20	---	---
	Ant1	2437	1.39	1.43	97.20	---	---
	Ant2	2437	1.39	1.43	97.20	---	---
	Ant1	2462	1.39	1.43	97.20	---	---
	Ant2	2462	1.39	1.43	97.20	---	---
11N20MIMO	Ant1	2412	1.29	1.33	96.99	---	---
	Ant2	2412	1.30	1.33	97.74	---	---
	Ant1	2437	1.30	1.34	97.01	---	---
	Ant2	2437	1.30	1.34	97.01	---	---
	Ant1	2462	1.30	1.34	97.01	---	---
	Ant2	2462	1.30	1.34	97.01	---	---
11N40MIMO	Ant1	2422	0.65	0.69	94.20	---	---
	Ant2	2422	0.65	0.68	95.59	---	---
	Ant1	2437	0.65	0.68	95.59	---	---
	Ant2	2437	0.65	0.68	95.59	---	---
	Ant1	2452	0.65	0.69	94.20	---	---
	Ant2	2452	0.65	0.69	94.20	---	---

Test Graphs

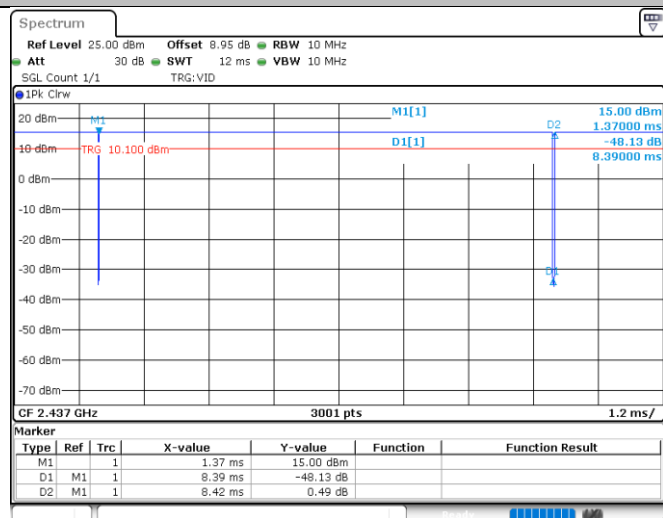
11B_Ant1_2412



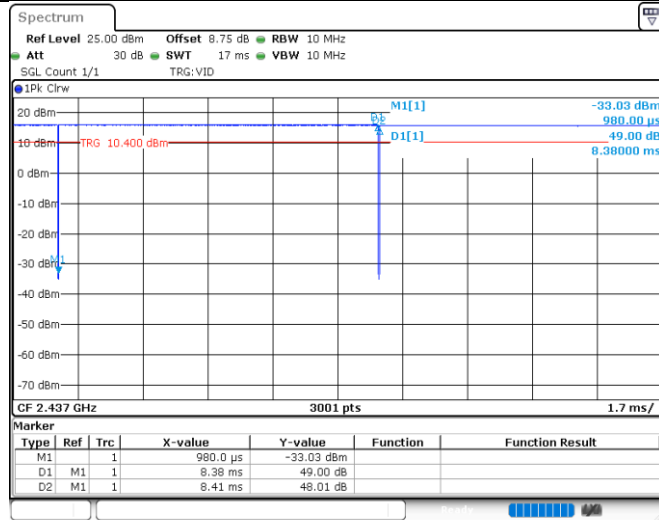
11B_Ant2_2412



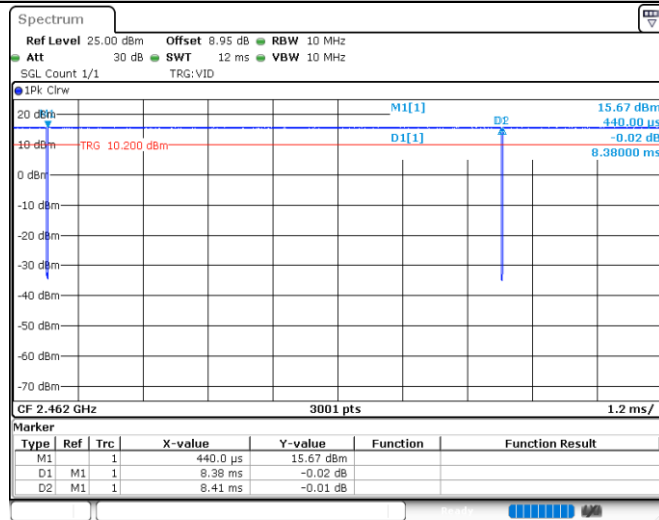
11B_Ant1_2437



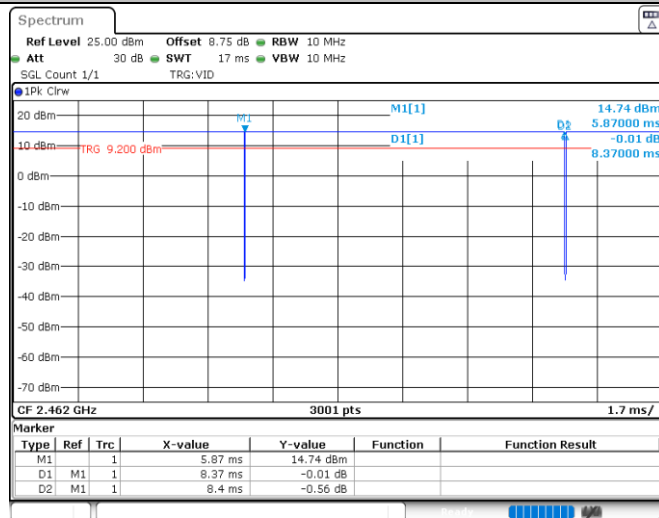
11B_Ant2_2437



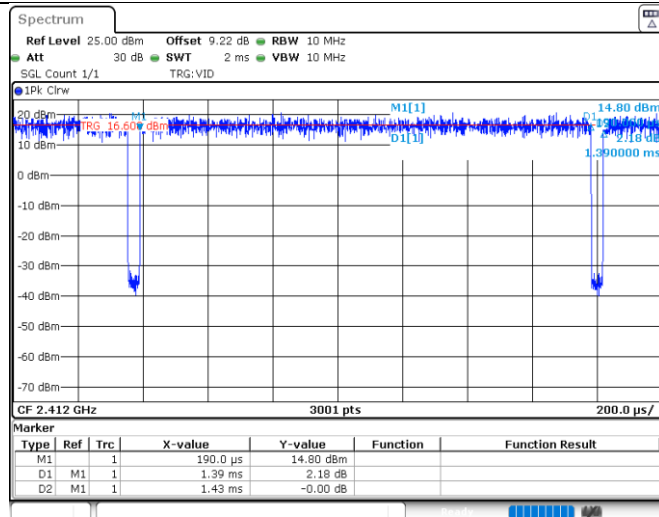
11B_Ant1_2462



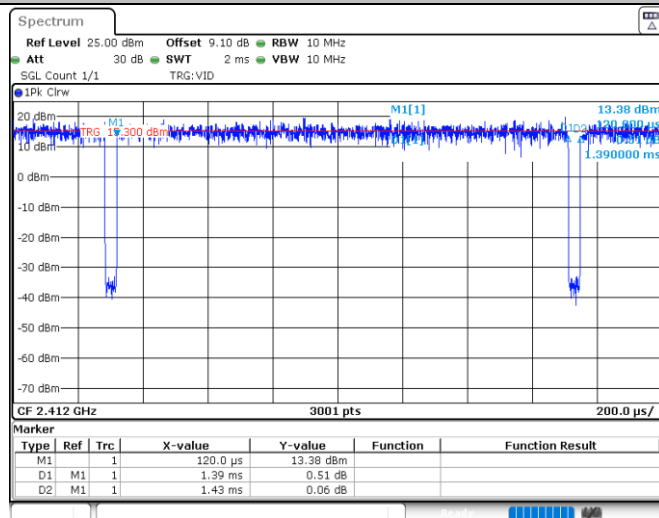
11B_Ant2_2462



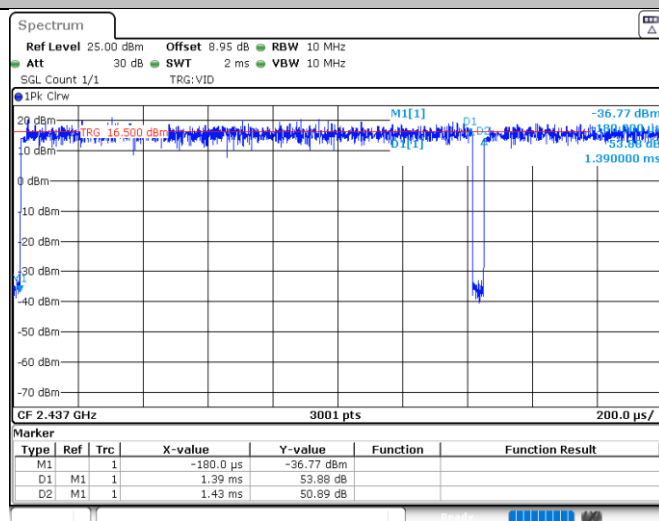
11G_Ant1_2412



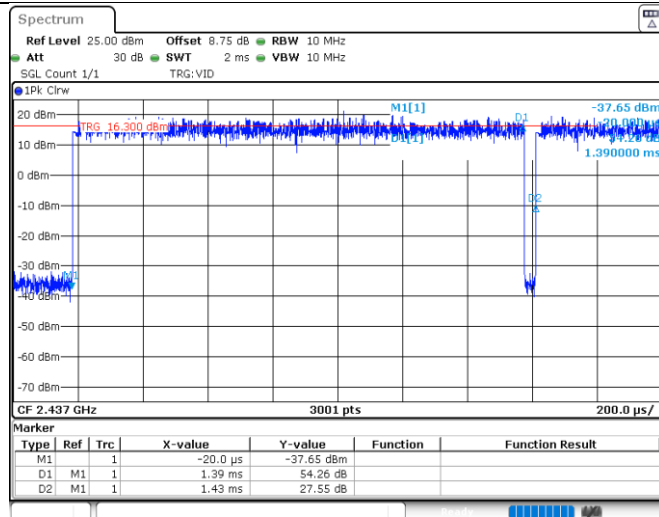
11G_Ant2_2412



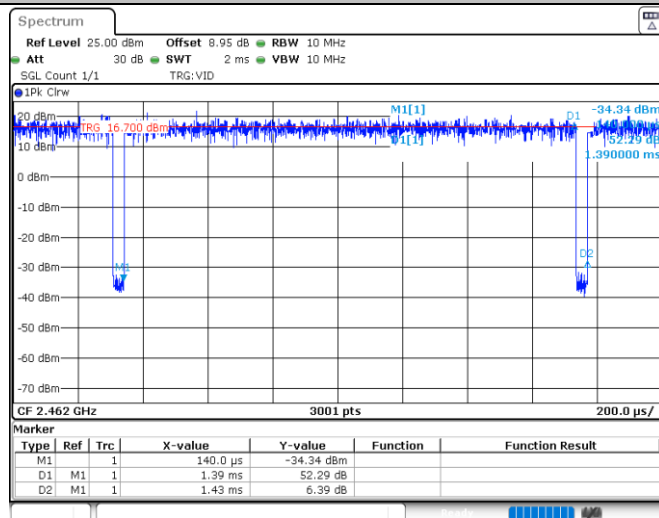
11G_Ant1_2437



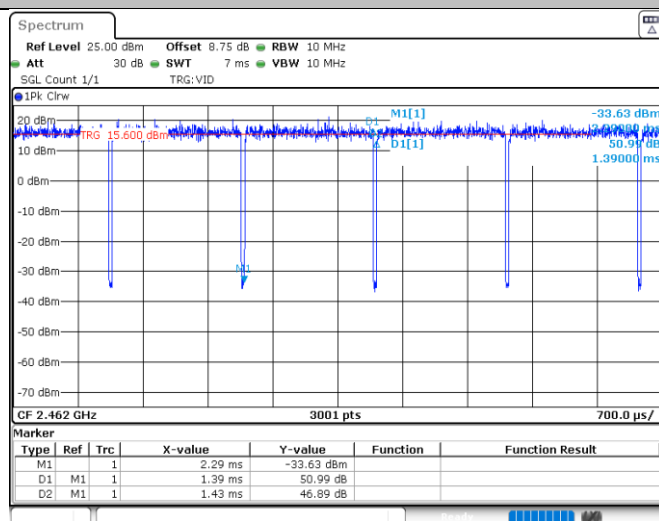
11G_Ant2_2437



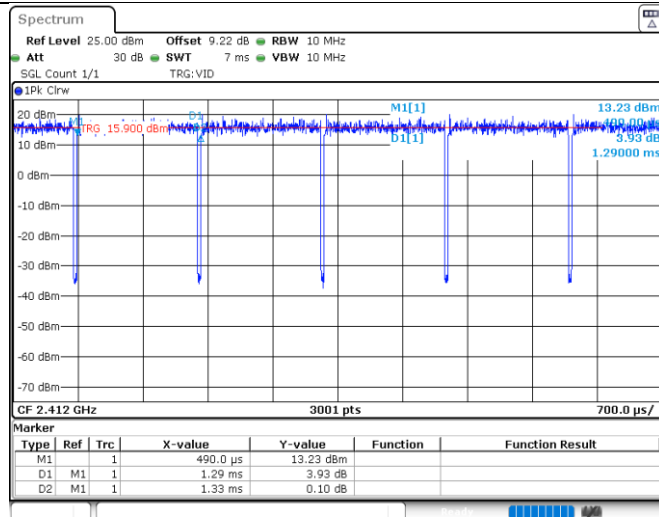
11G_Ant1_2462



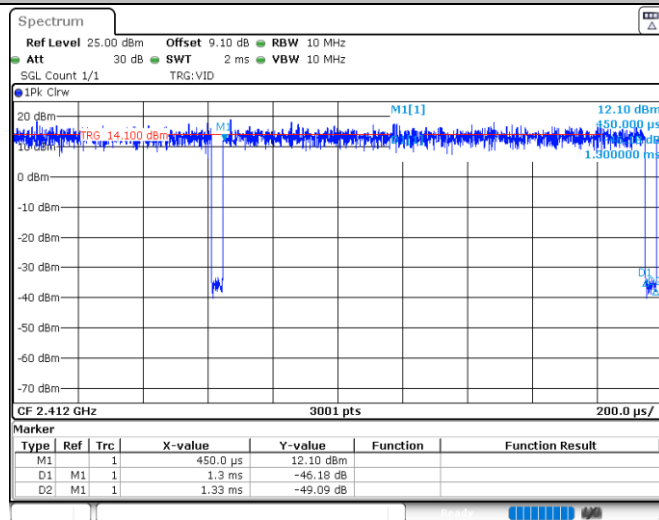
11G_Ant2_2462



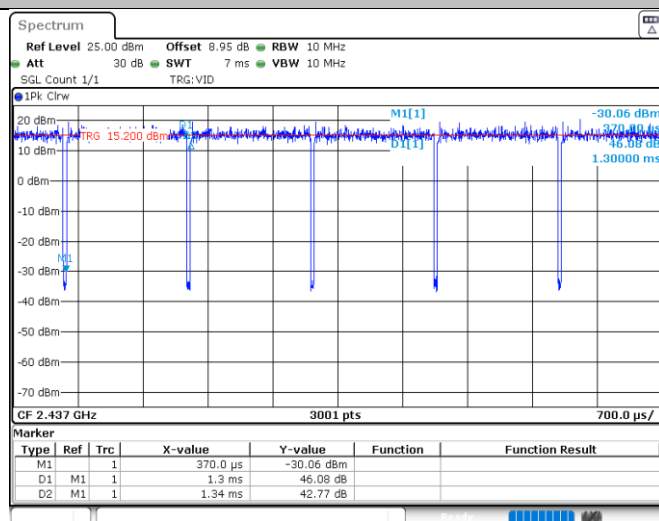
11N20MIMO_Ant1_2412



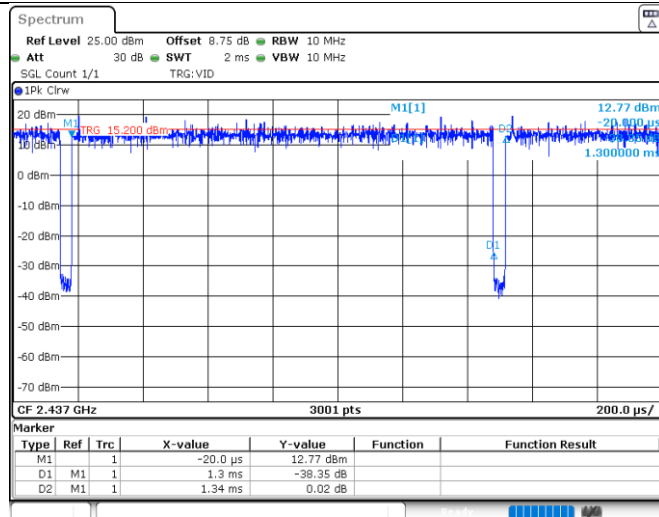
11N20MIMO_Ant2_2412



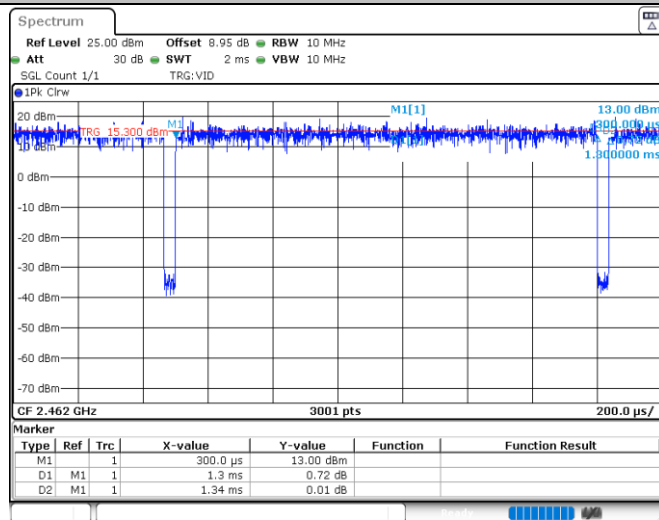
11N20MIMO_Ant1_2437



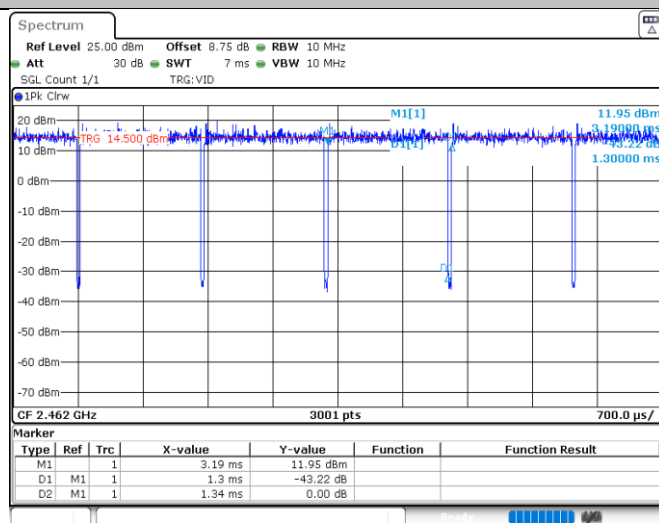
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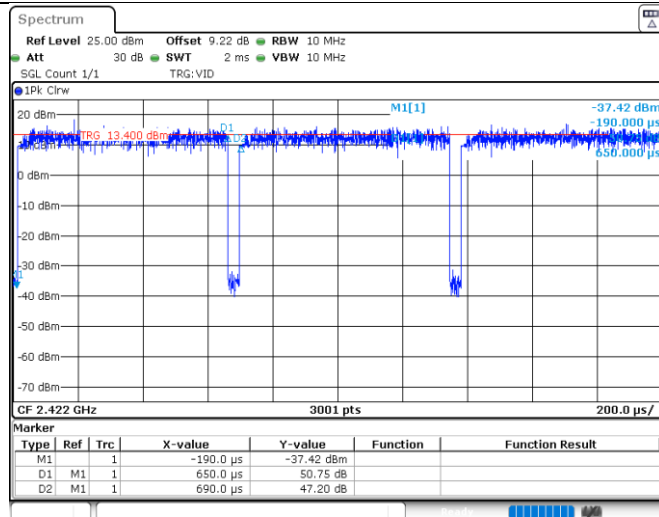
11N20MIMO_Ant1_2462



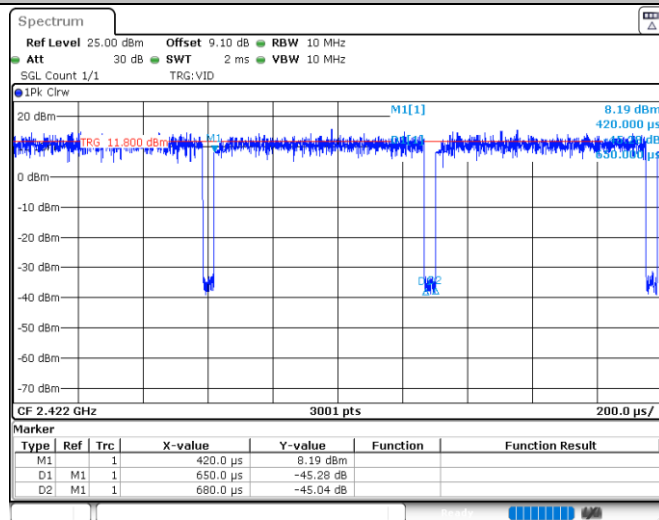
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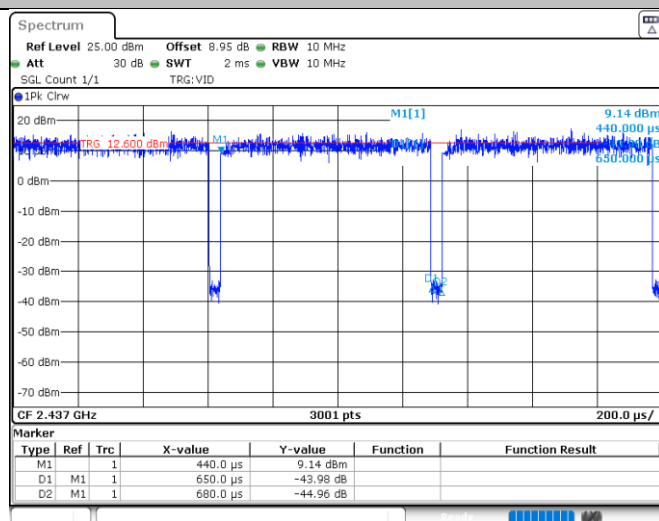
11N40MIMO_Ant1_2422



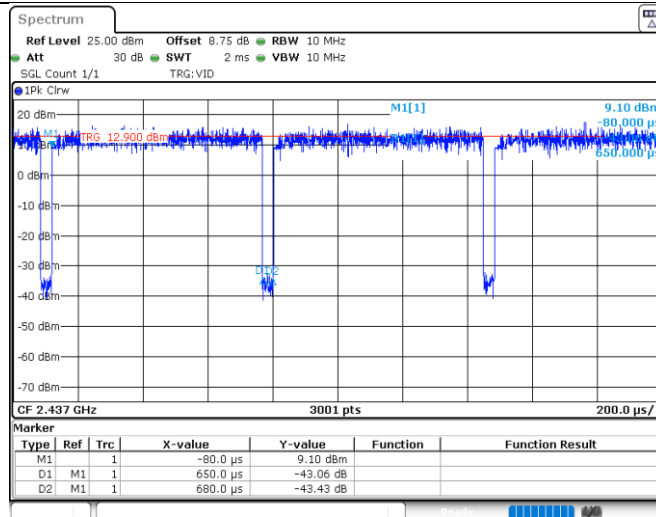
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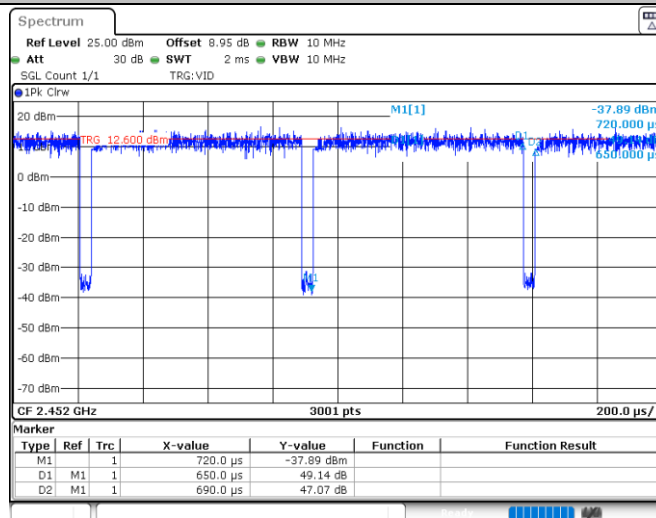
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

