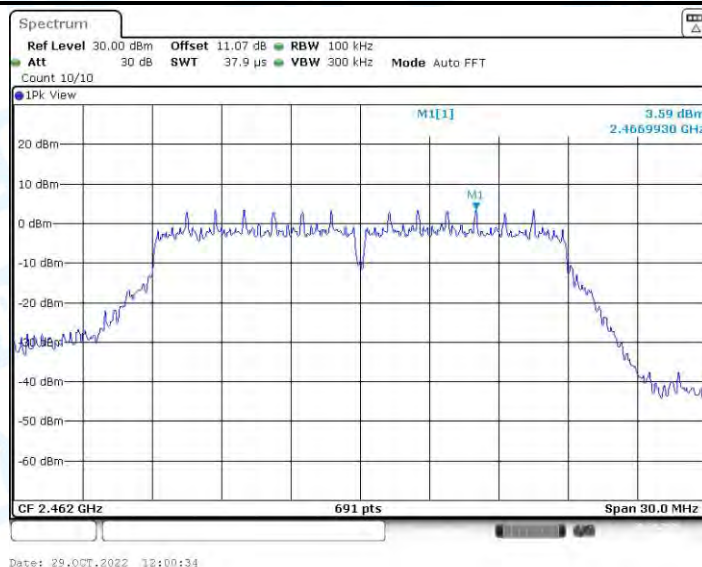
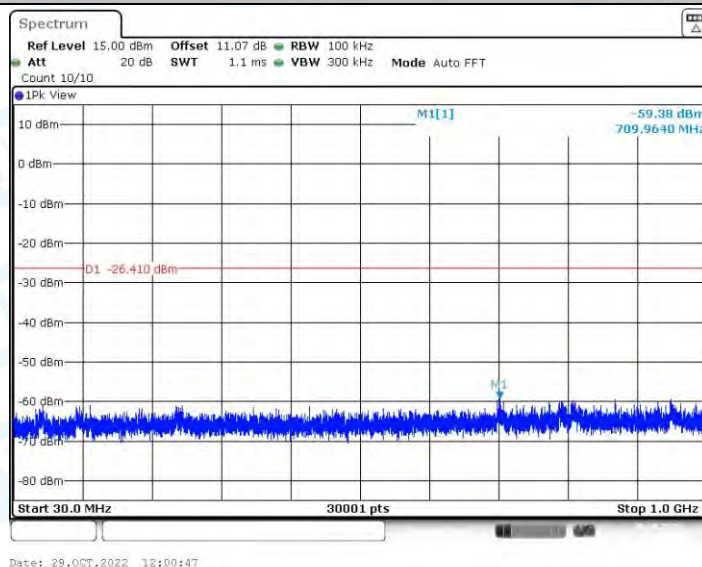
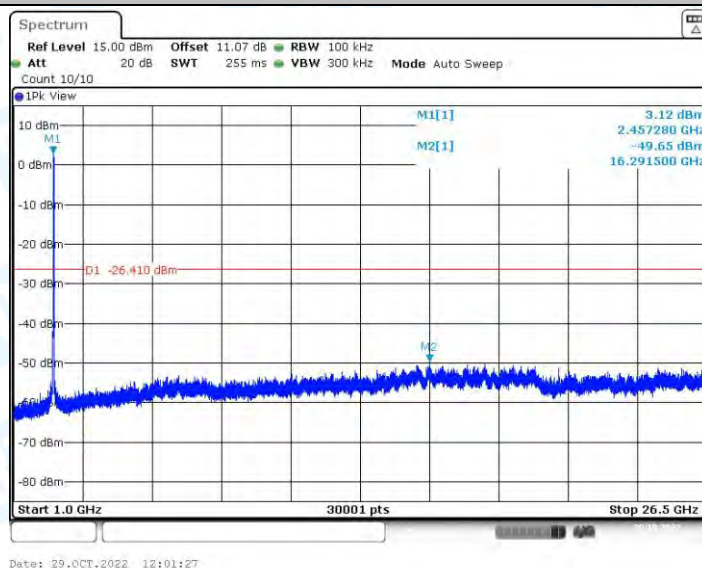




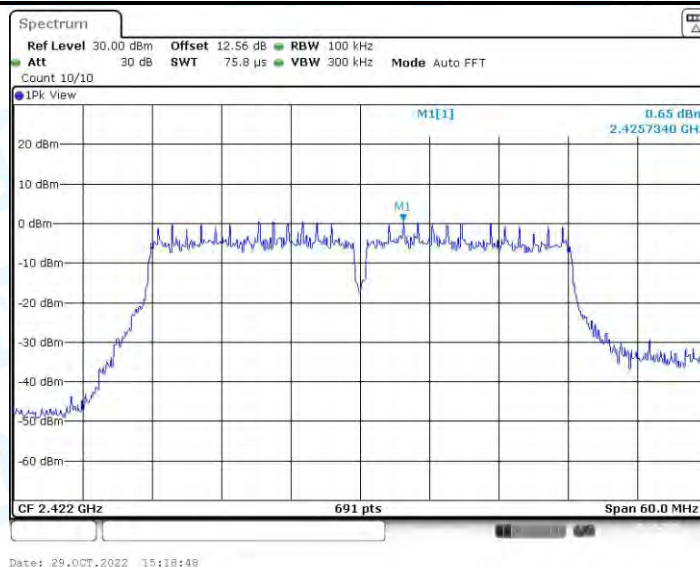
11N20MIMO_Ant2_2462_30~1000



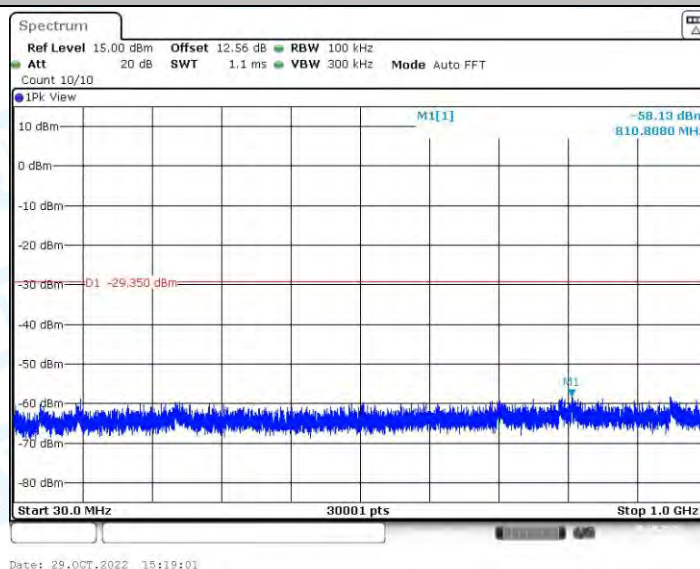
11N20MIMO_Ant2_2462_1000~26500



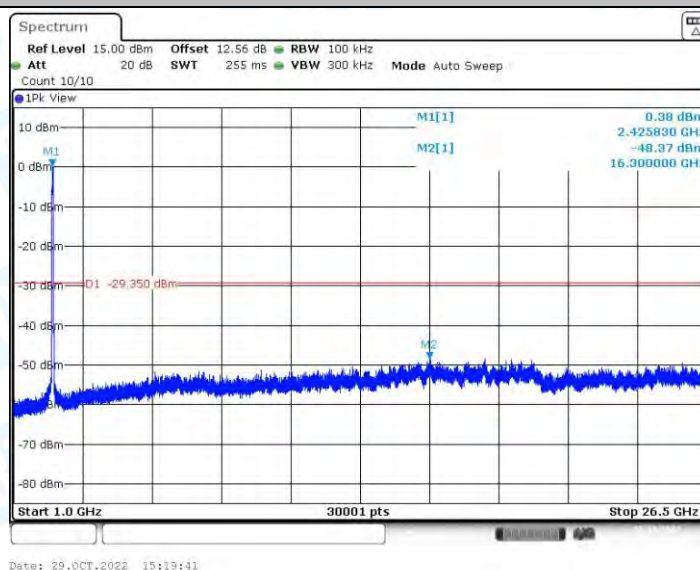
11N40MIMO_Ant1_2422_0~Reference



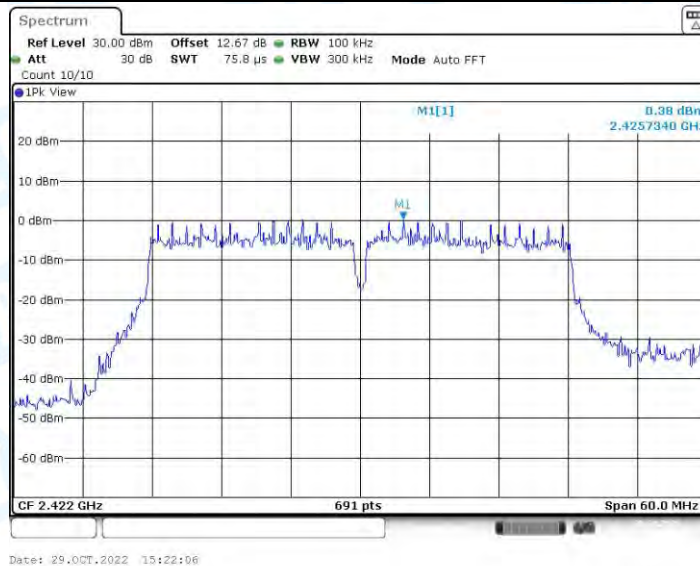
11N40MIMO_Ant1_2422_30~1000



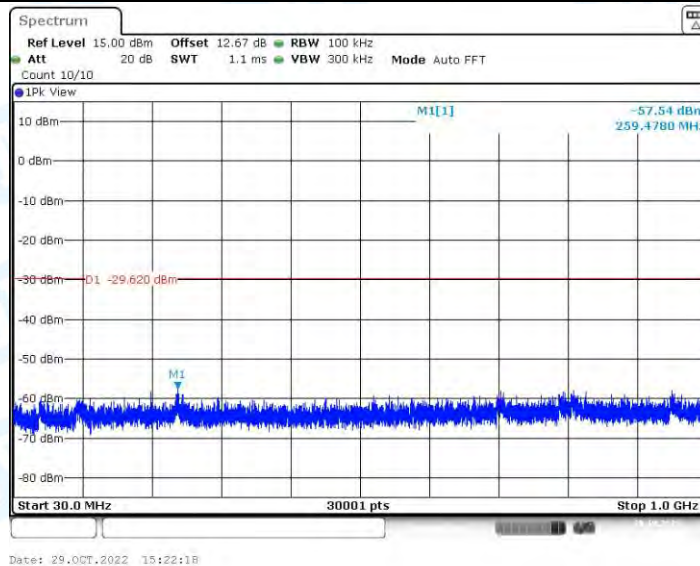
11N40MIMO_Ant1_2422_1000~26500



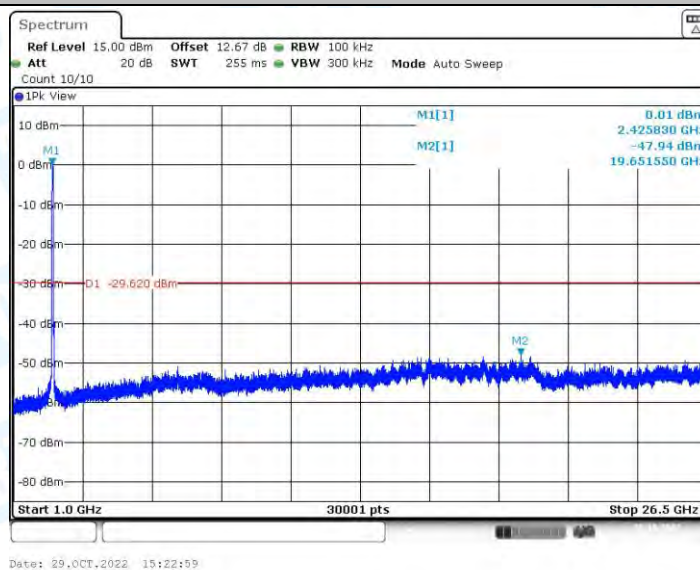
11N40MIMO_Ant2_2422_0~Reference



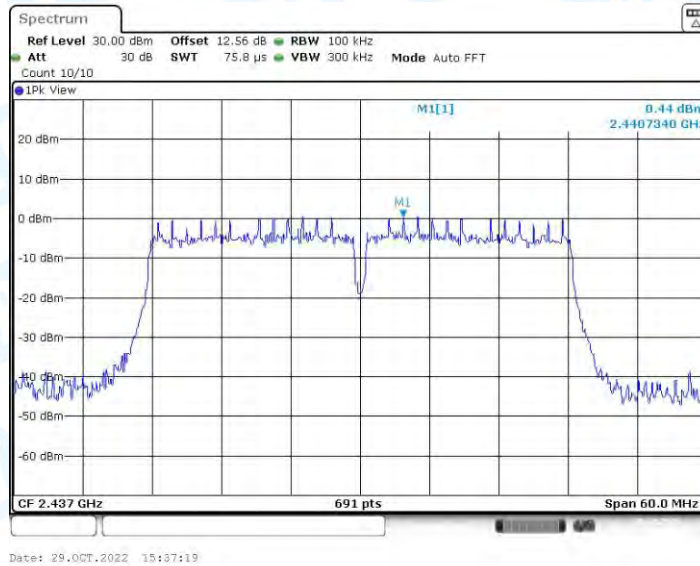
11N40MIMO_Ant2_2422_30~1000



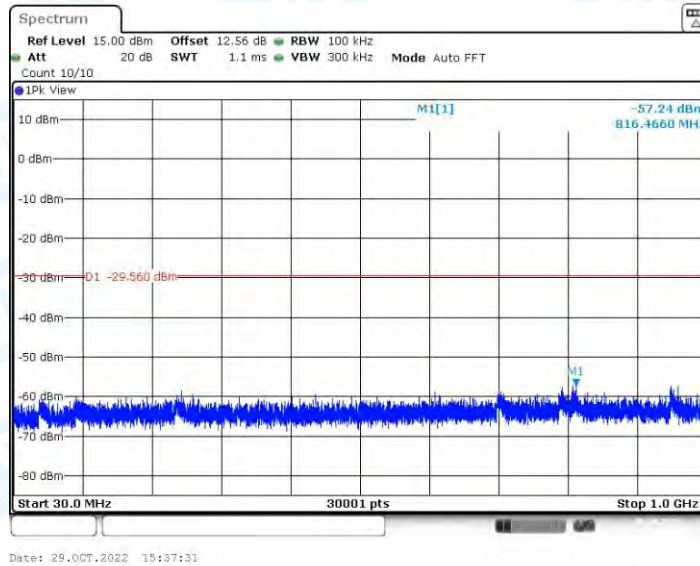
11N40MIMO_Ant2_2422_1000~26500



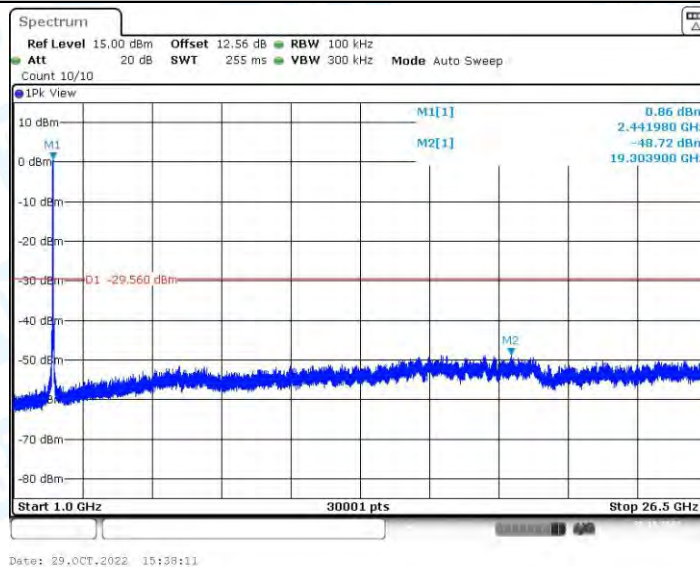
11N40MIMO_Ant1_2437_0~Reference



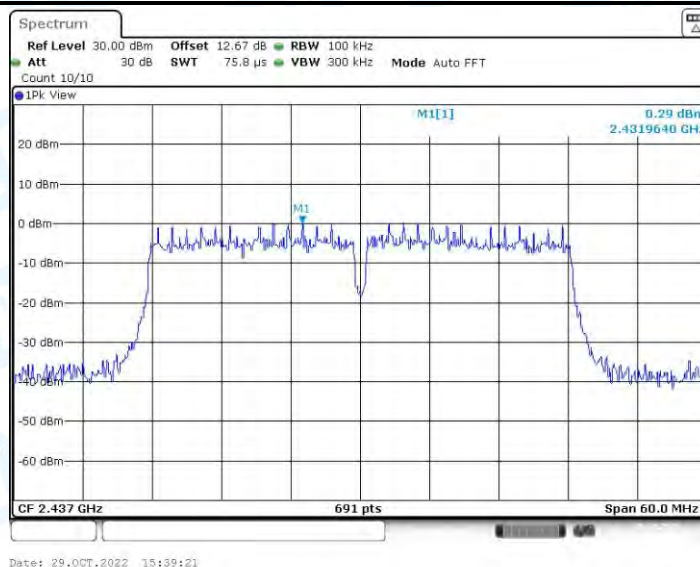
11N40MIMO_Ant1_2437_30~1000



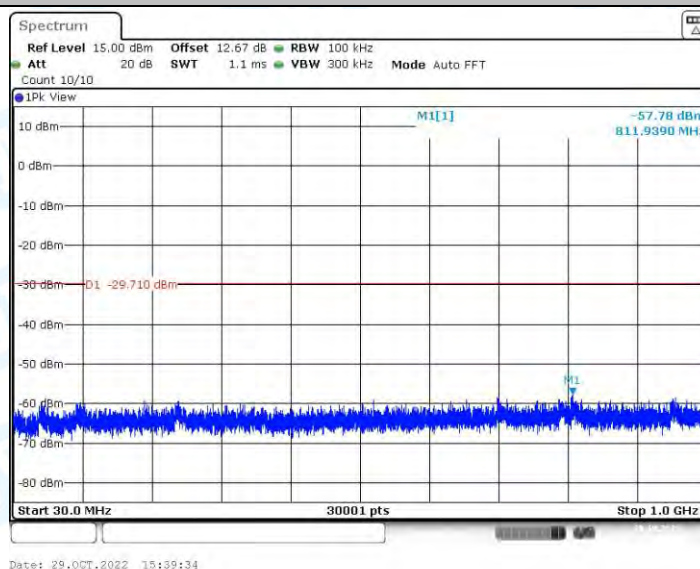
11N40MIMO_Ant1_2437_1000~26500



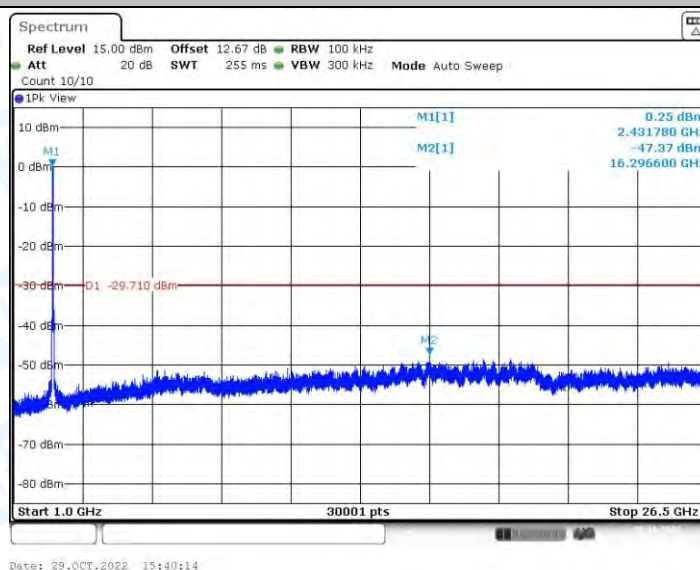
11N40MIMO_Ant2_2437_0~Reference



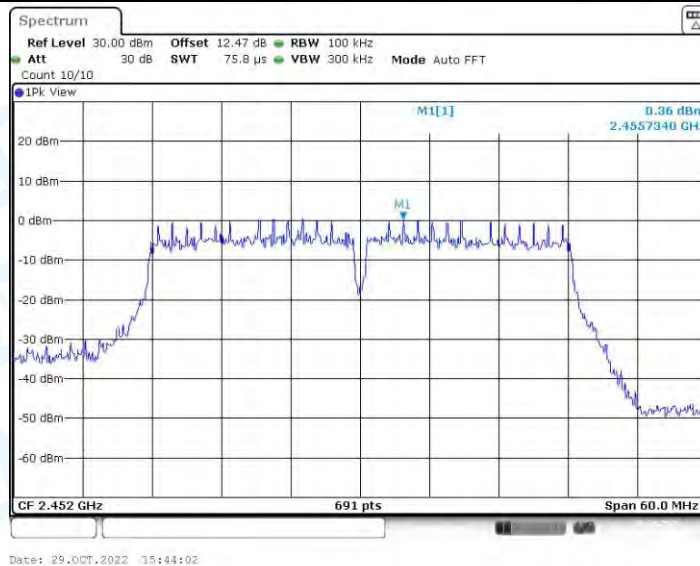
11N40MIMO_Ant2_2437_30~1000



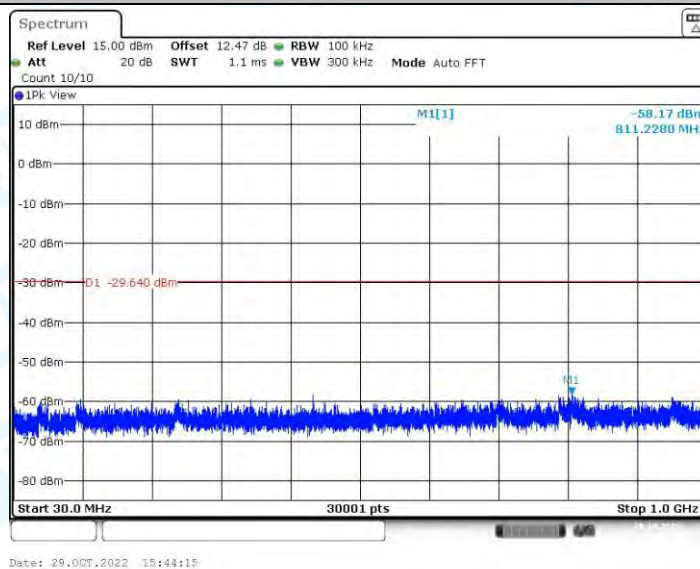
11N40MIMO_Ant2_2437_1000~26500



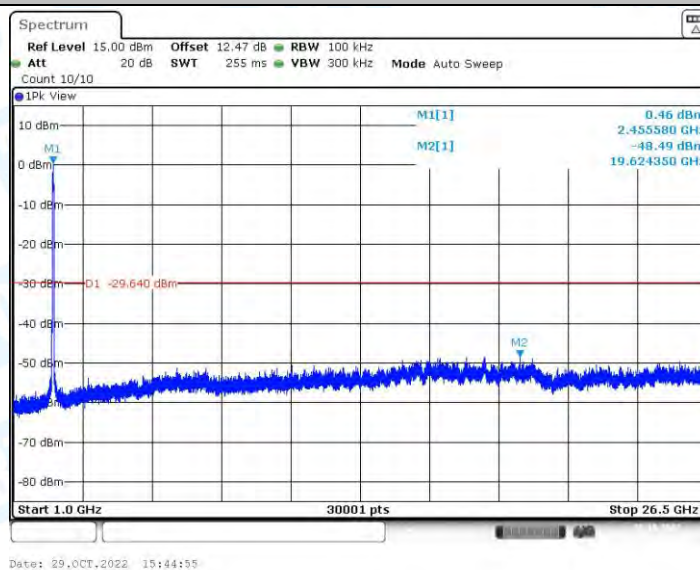
11N40MIMO_Ant1_2452_0~Reference



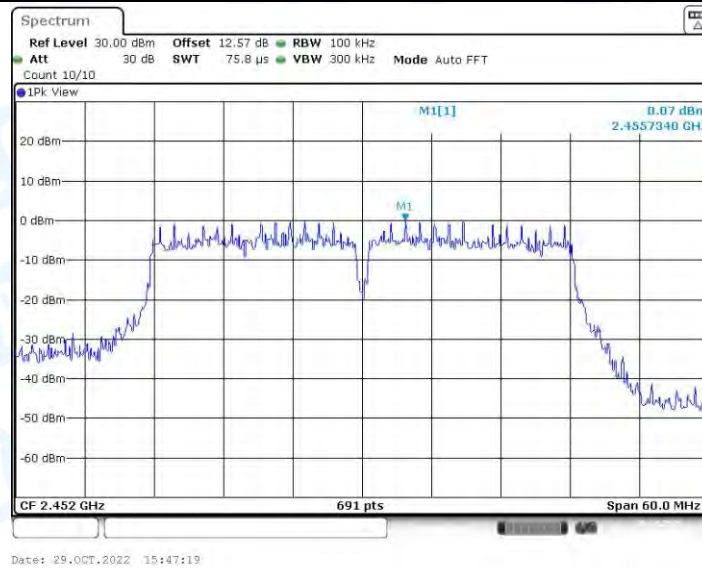
11N40MIMO_Ant1_2452_30~1000



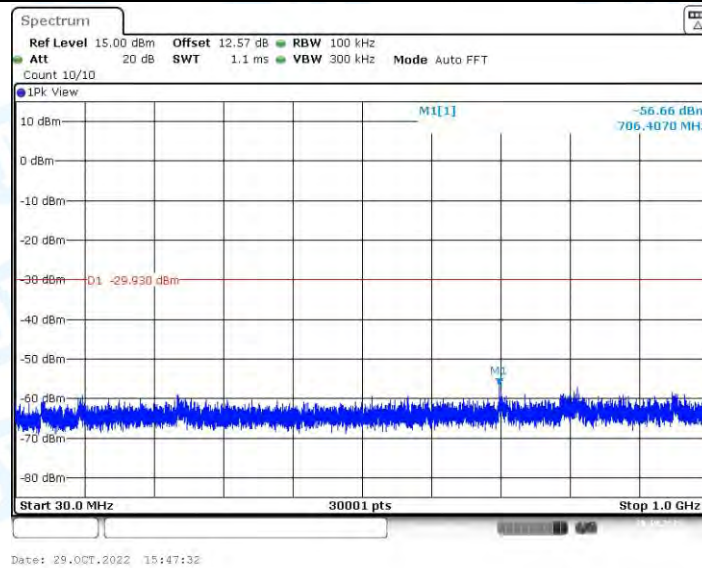
11N40MIMO_Ant1_2452_1000~26500



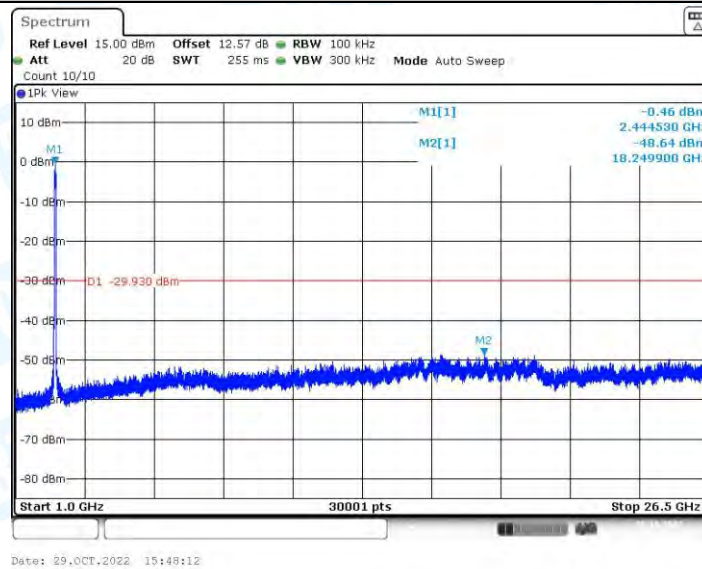
11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500

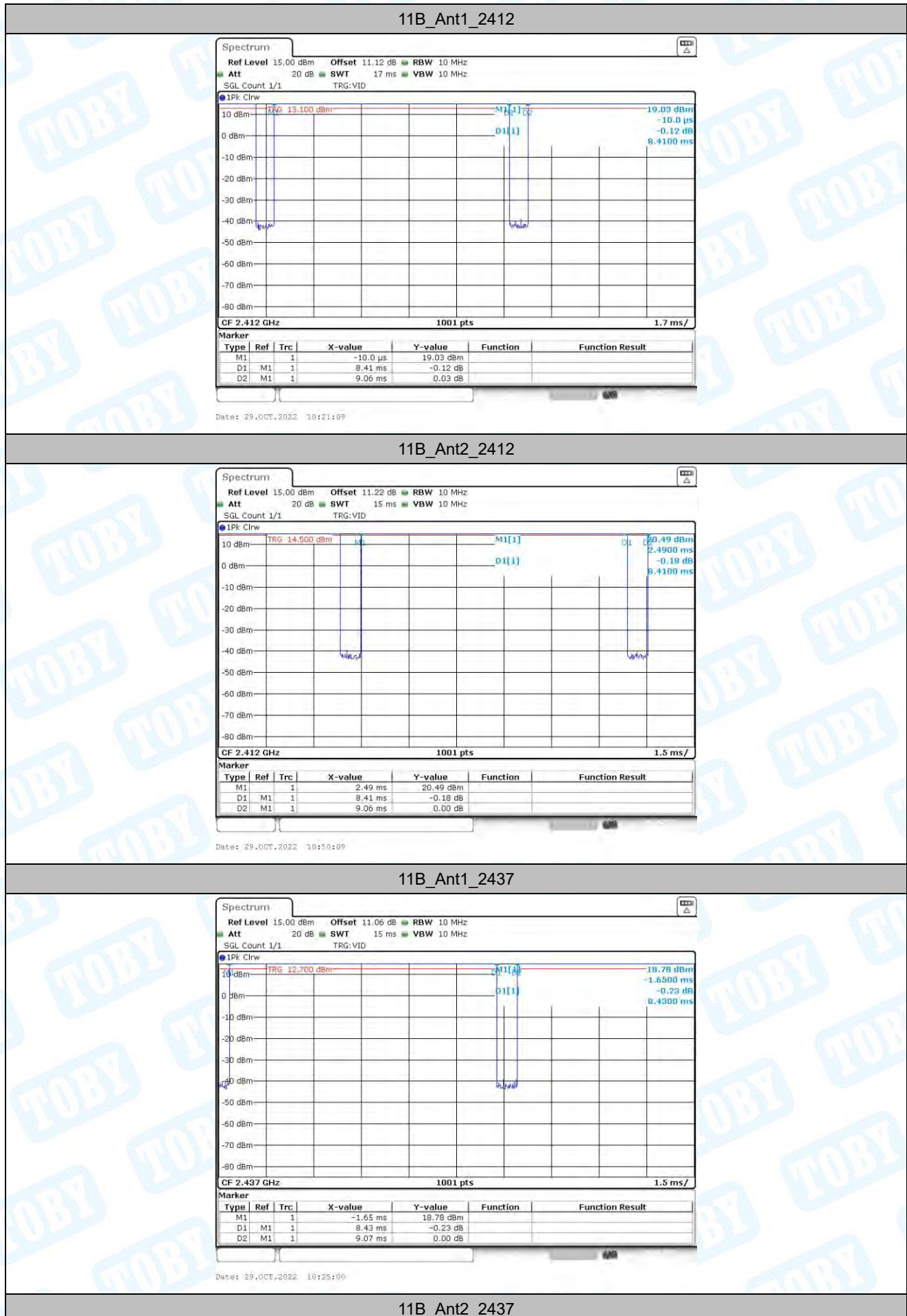


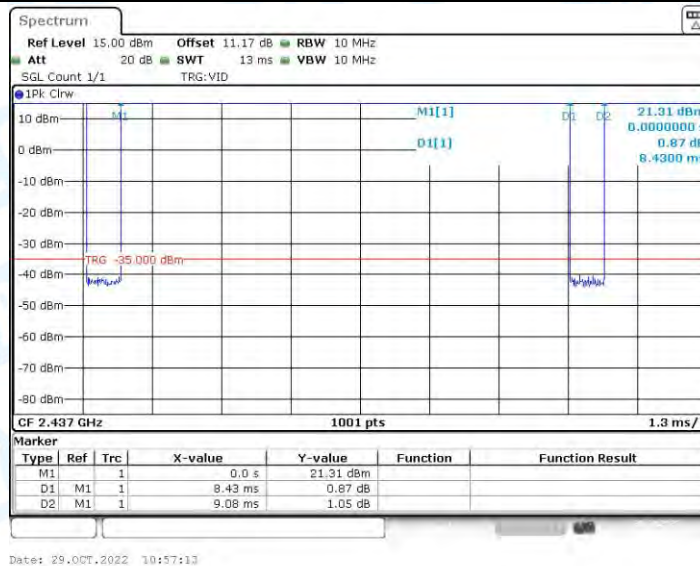
7. Duty Cycle

7.1. Test Result

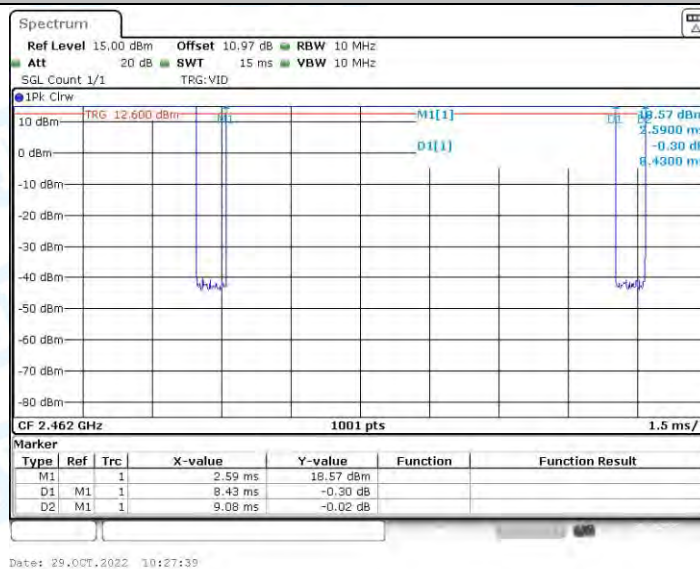
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T KHz	Verdict
11B	Ant1	2412	8.41	9.06	92.83	0.119	---
	Ant2	2412	8.41	9.06	92.83	0.119	---
	Ant1	2437	8.43	9.07	92.94	0.119	---
	Ant2	2437	8.43	9.08	92.84	0.119	---
	Ant1	2462	8.43	9.08	92.84	0.119	---
	Ant2	2462	8.43	9.06	93.05	0.119	---
11G	Ant1	2412	0.13	0.23	56.52	7.692	---
	Ant2	2412	0.13	0.23	56.52	7.692	---
	Ant1	2437	0.12	0.23	52.17	8.333	---
	Ant2	2437	0.13	0.23	56.52	7.692	---
	Ant1	2462	0.12	0.23	52.17	8.333	---
	Ant2	2462	0.13	0.23	56.52	7.692	---
11N20MIMO	Ant1	2412	0.14	0.24	58.33	7.143	---
	Ant2	2412	0.15	0.25	60.00	6.667	---
	Ant1	2437	0.15	0.25	60.00	6.667	---
	Ant2	2437	0.15	0.25	60.00	6.667	---
	Ant1	2462	0.15	0.25	60.00	6.667	---
	Ant2	2462	0.14	0.24	58.33	7.143	---
11N40MIMO	Ant1	2422	0.12	0.22	54.55	8.333	---
	Ant2	2422	0.12	0.22	54.55	8.333	---
	Ant1	2437	0.12	0.22	54.55	8.333	---
	Ant2	2437	0.12	0.22	54.55	8.333	---
	Ant1	2452	0.12	0.22	54.55	8.333	---
	Ant2	2452	0.12	0.22	54.55	8.333	---

7.2. Test Graphs

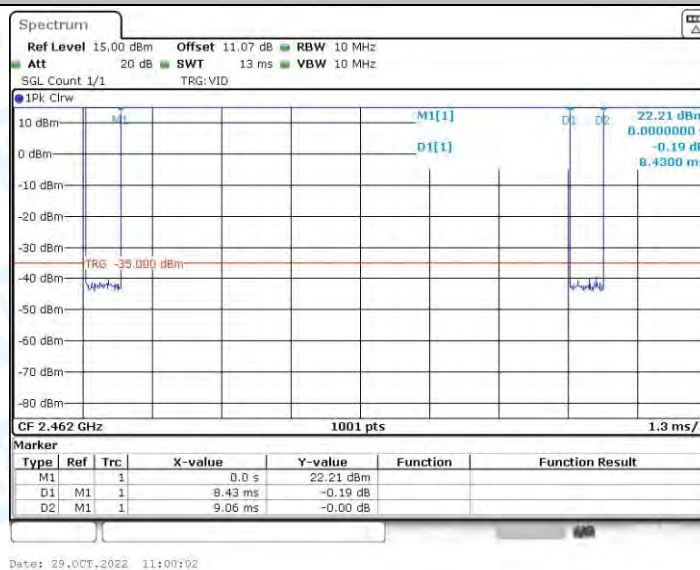




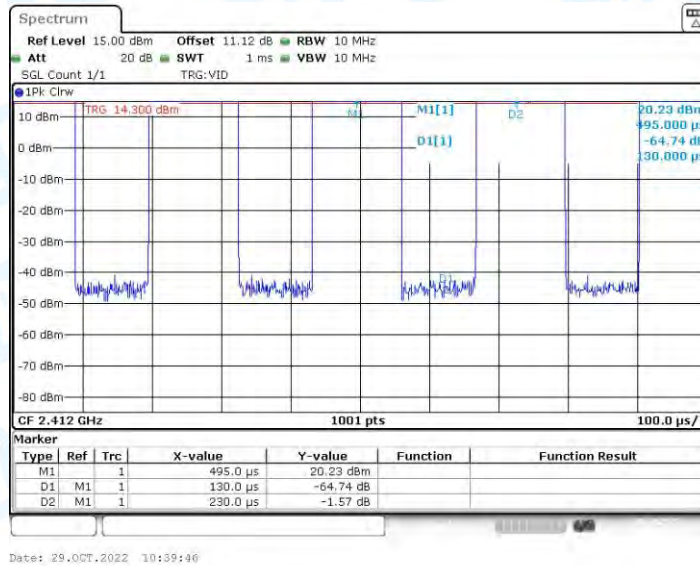
11B_Ant1_2462



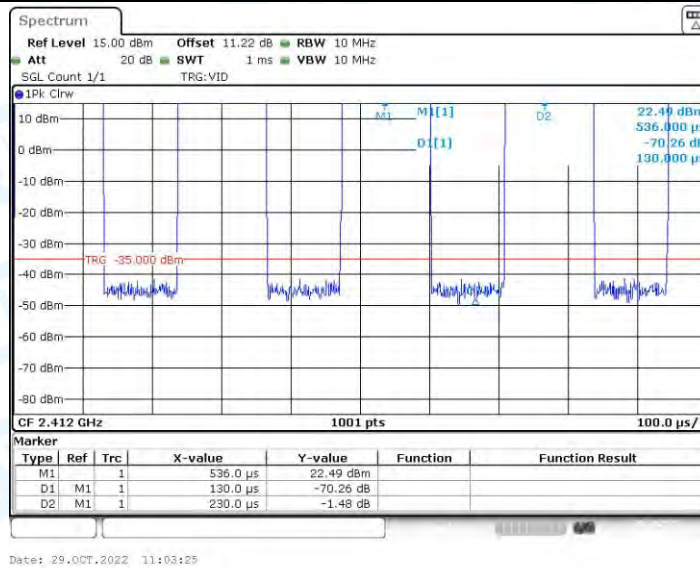
11B_Ant2_2462



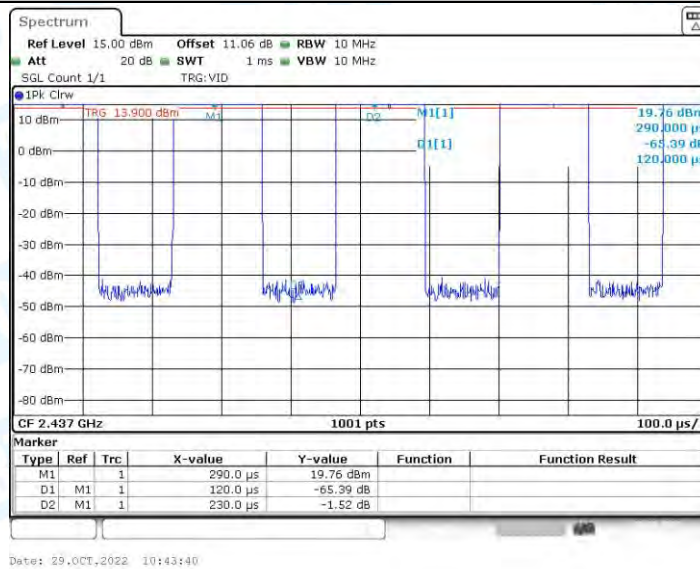
11G_Ant1_2412



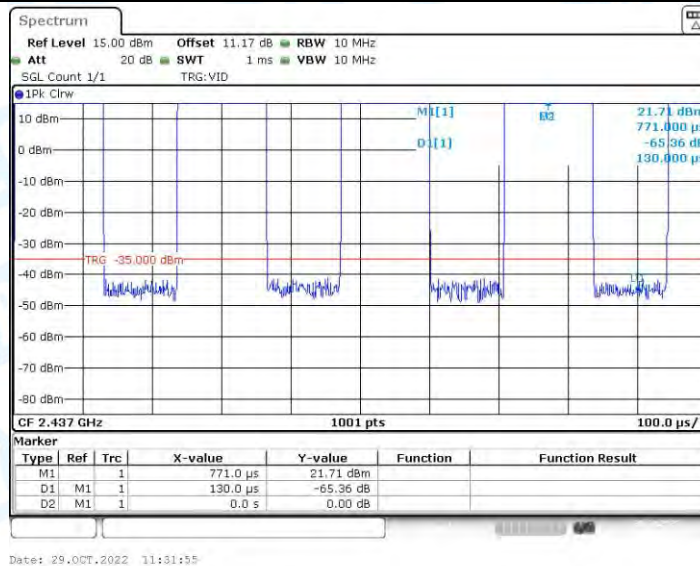
11G_Ant2_2412



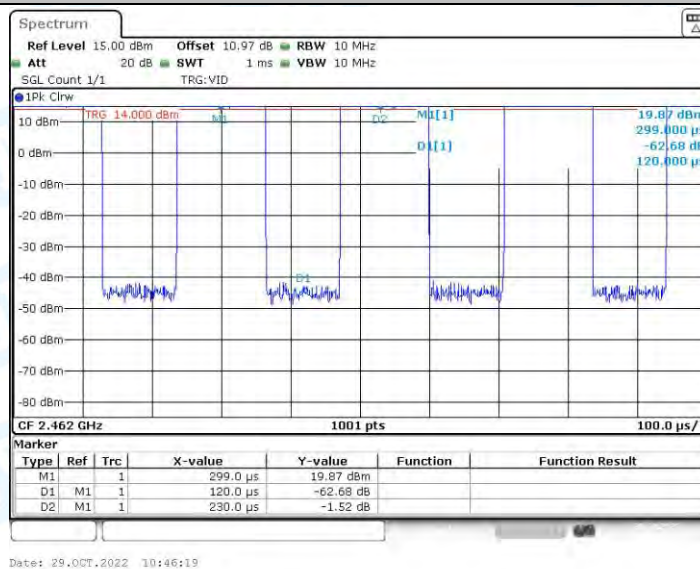
11G_Ant1_2437



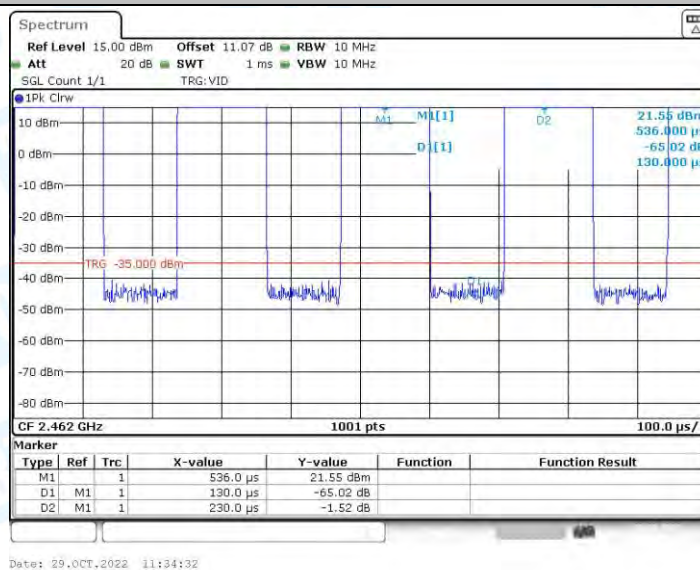
11G_Ant2_2437



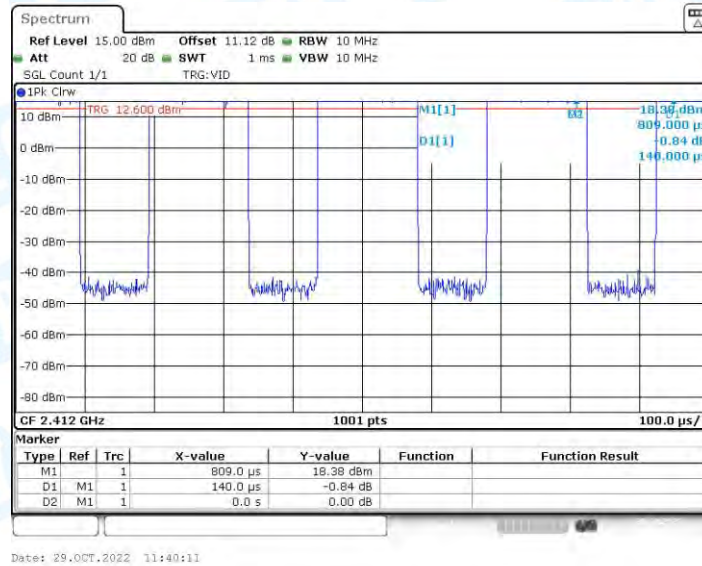
11G_Ant1_2462



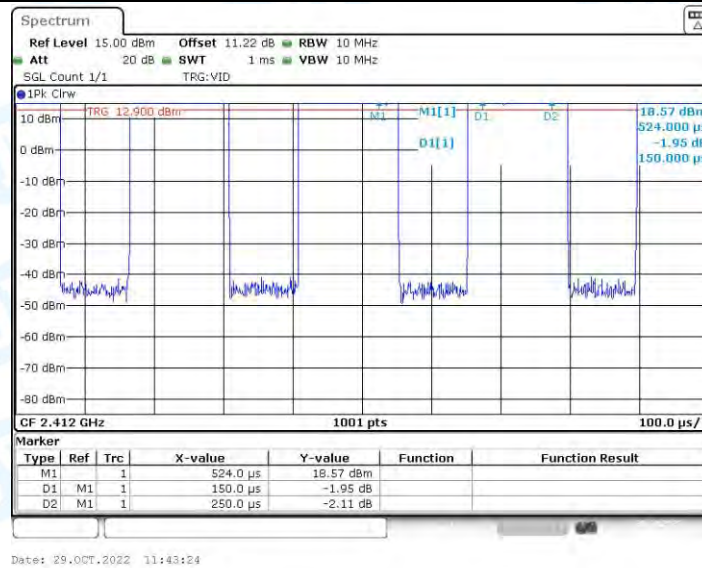
11G_Ant2_2462



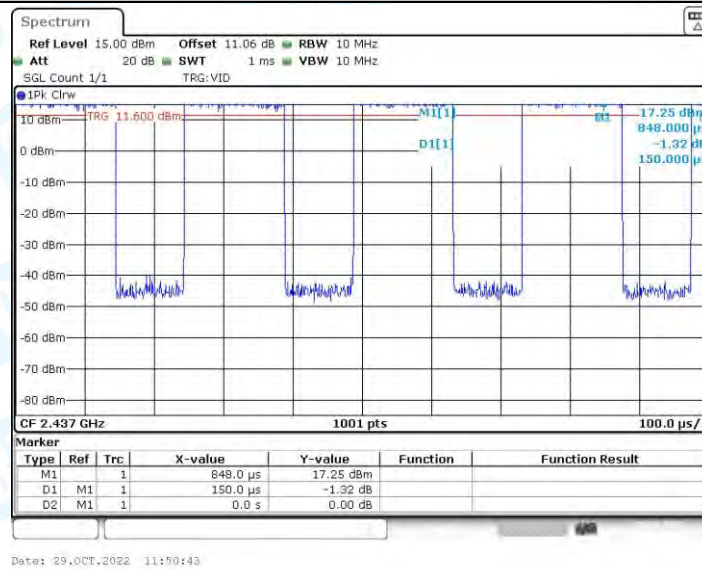
11N20MIMO_Ant1_2412



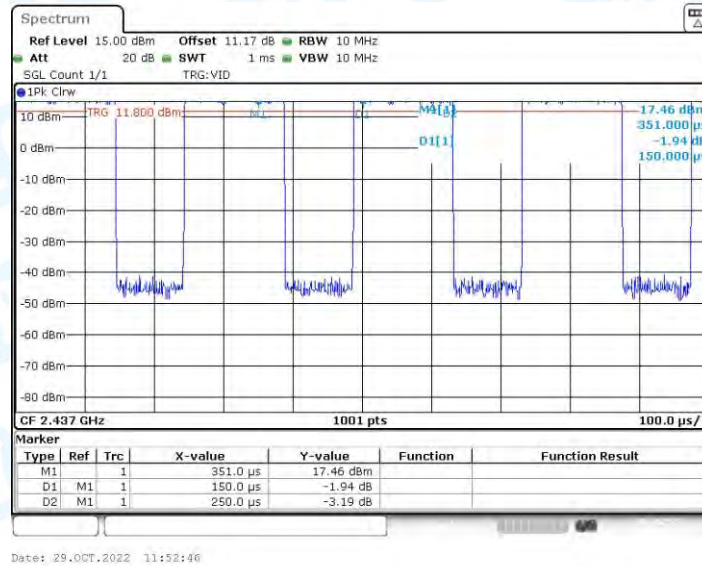
11N20MIMO_Ant2_2412



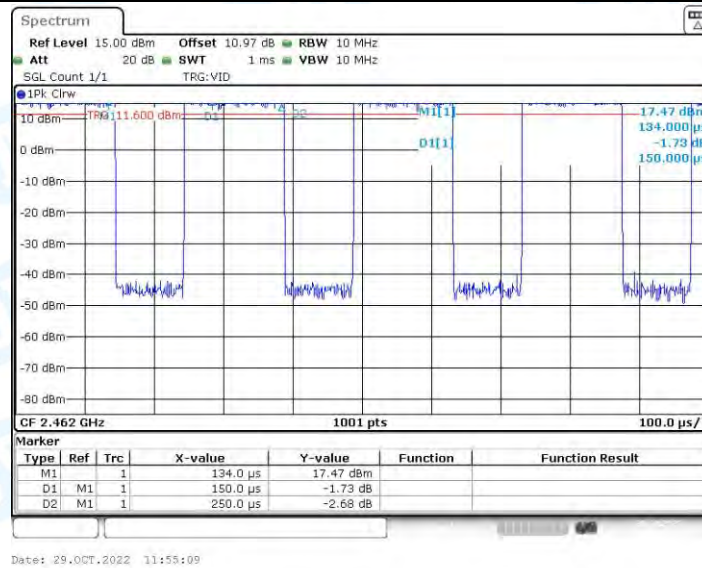
11N20MIMO_Ant1_2437



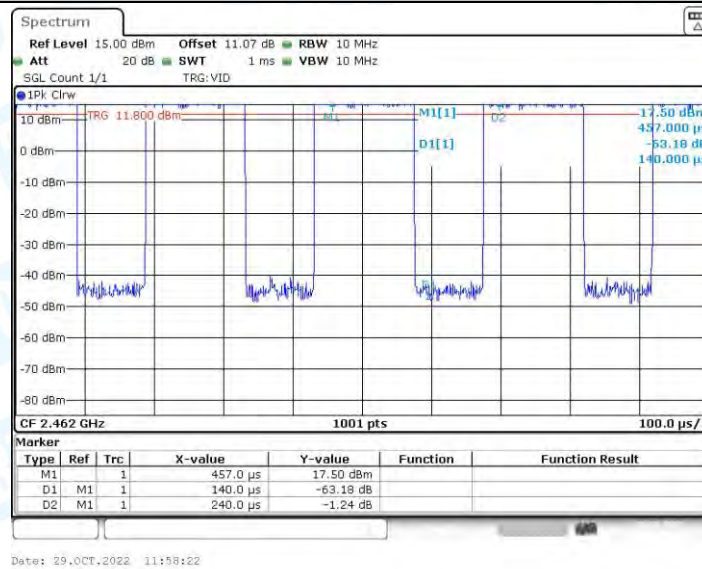
11N20MIMO_Ant2_2437



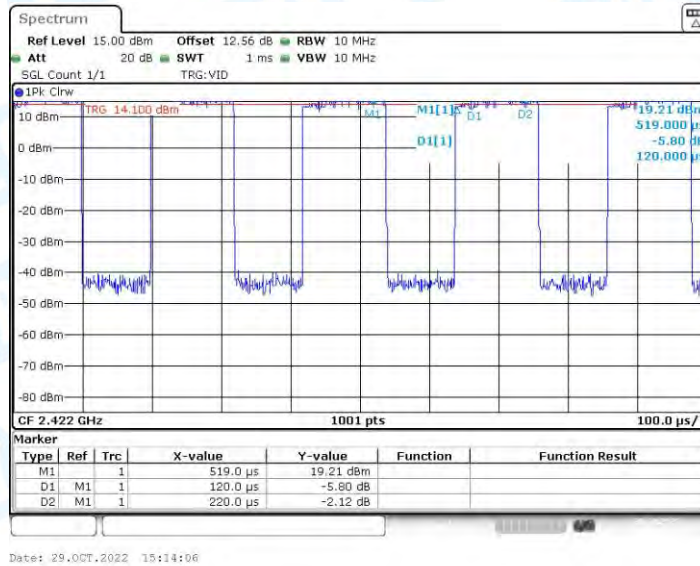
11N20MIMO_Ant1_2462



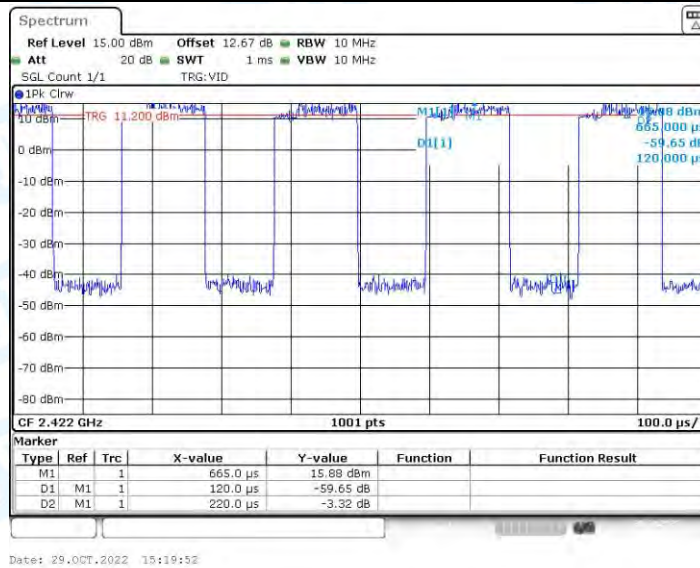
11N20MIMO_Ant2_2462



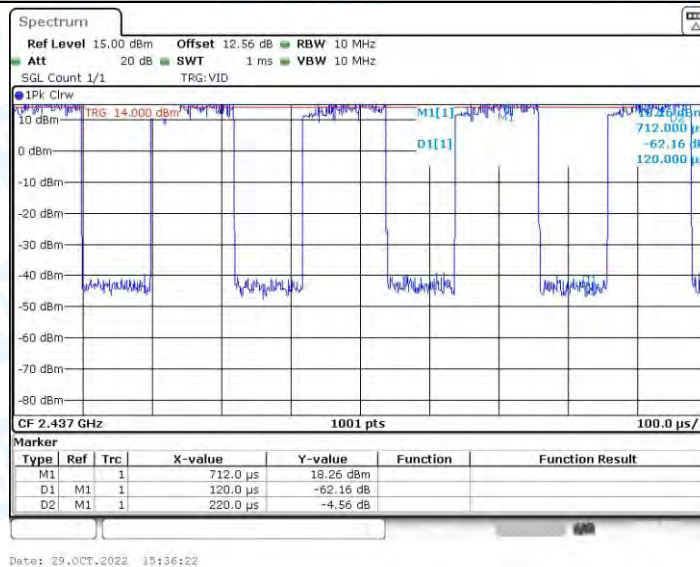
11N40MIMO_Ant1_2422



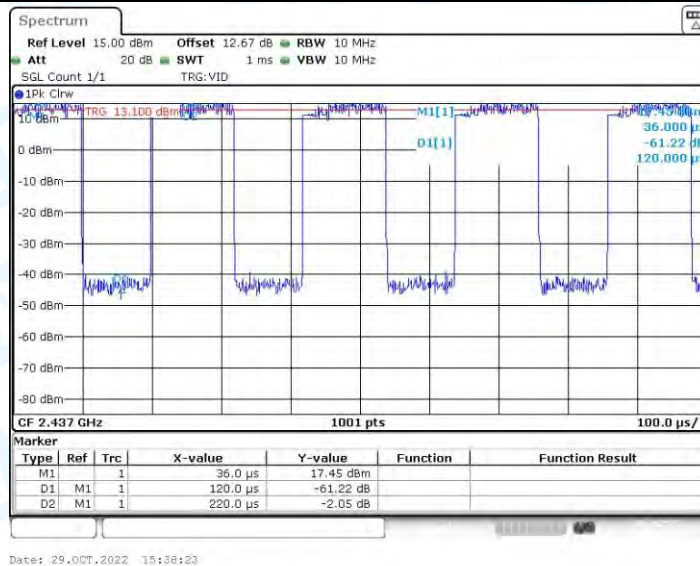
11N40MIMO_Ant2_2422



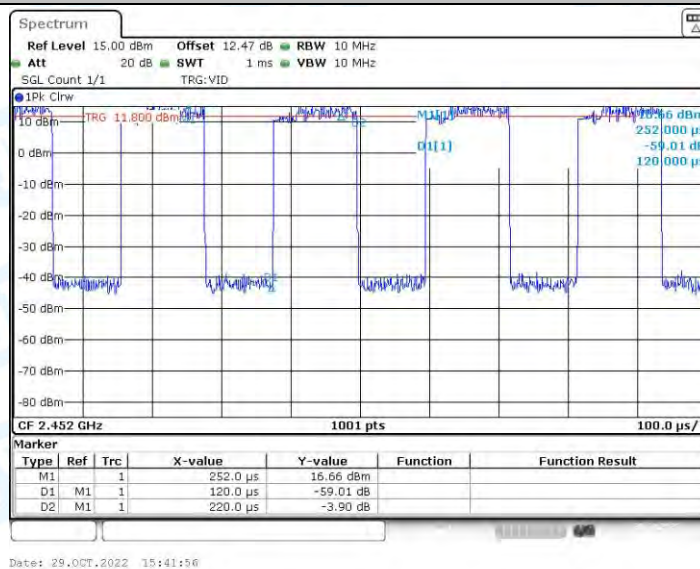
11N40MIMO_Ant1_2437



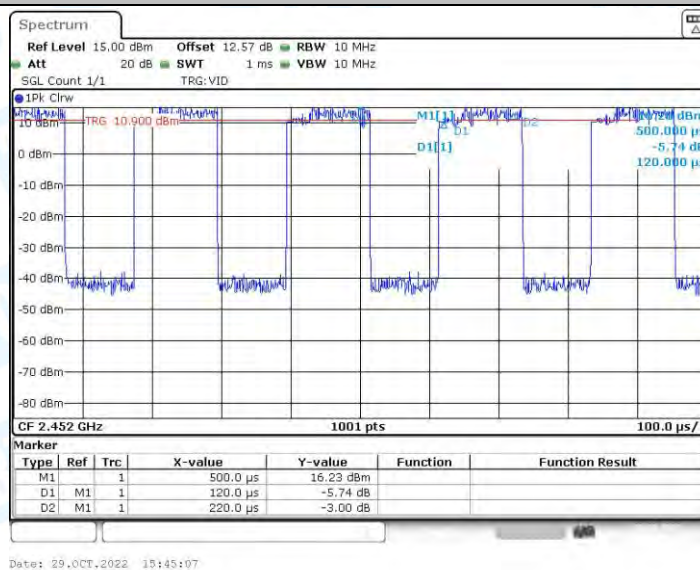
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



8. Emissions in Restricted Bands

8.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-50.3	≤-41.20	PASS
				AV	2339.754	-47.9	≤-41.20	PASS
				AV	2390.000	-48.95	≤-41.20	PASS
				Peak	2310.000	-39.91	≤-21.20	PASS
				Peak	2343.710	-35.82	≤-21.20	PASS
				Peak	2390.000	-37.87	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-50.02	≤-41.20	PASS
				AV	2382.710	-46.93	≤-41.20	PASS
				AV	2390.000	-47.44	≤-41.20	PASS
				Peak	2310.000	-37.2	≤-21.20	PASS
				Peak	2382.522	-34.94	≤-21.20	PASS
				Peak	2390.000	-37.05	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-48.79	≤-41.20	PASS
				AV	2495.638	-48.45	≤-41.20	PASS
				AV	2500.000	-49.07	≤-41.20	PASS
				Peak	2483.500	-36.41	≤-21.20	PASS
				Peak	2491.493	-36.33	≤-21.20	PASS
				Peak	2500.000	-37.03	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-45.81	≤-41.20	PASS
				AV	2484.797	-42.72	≤-41.20	PASS
				AV	2500.000	-48.02	≤-41.20	PASS
				Peak	2483.500	-35.25	≤-21.20	PASS
				Peak	2485.913	-32.96	≤-21.20	PASS
				Peak	2500.000	-37.05	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.26	≤-41.20	PASS
				AV	2385.913	-44.79	≤-41.20	PASS
				AV	2390.000	-45.19	≤-41.20	PASS
				Peak	2310.000	-39.54	≤-21.20	PASS
				Peak	2389.870	-34.27	≤-21.20	PASS
				Peak	2390.000	-33.52	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-48.14	≤-41.20	PASS
				AV	2389.681	-43.32	≤-41.20	PASS
				AV	2390.000	-43.76	≤-41.20	PASS
				Peak	2310.000	-40.1	≤-21.20	PASS
				Peak	2389.870	-32.62	≤-21.20	PASS
				Peak	2390.000	-32.54	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-44.5	≤-41.20	PASS
				AV	2483.522	-44.5	≤-41.20	PASS
				AV	2500.000	-46.49	≤-41.20	PASS
				Peak	2483.500	-36.68	≤-21.20	PASS
				Peak	2489.420	-35.1	≤-21.20	PASS

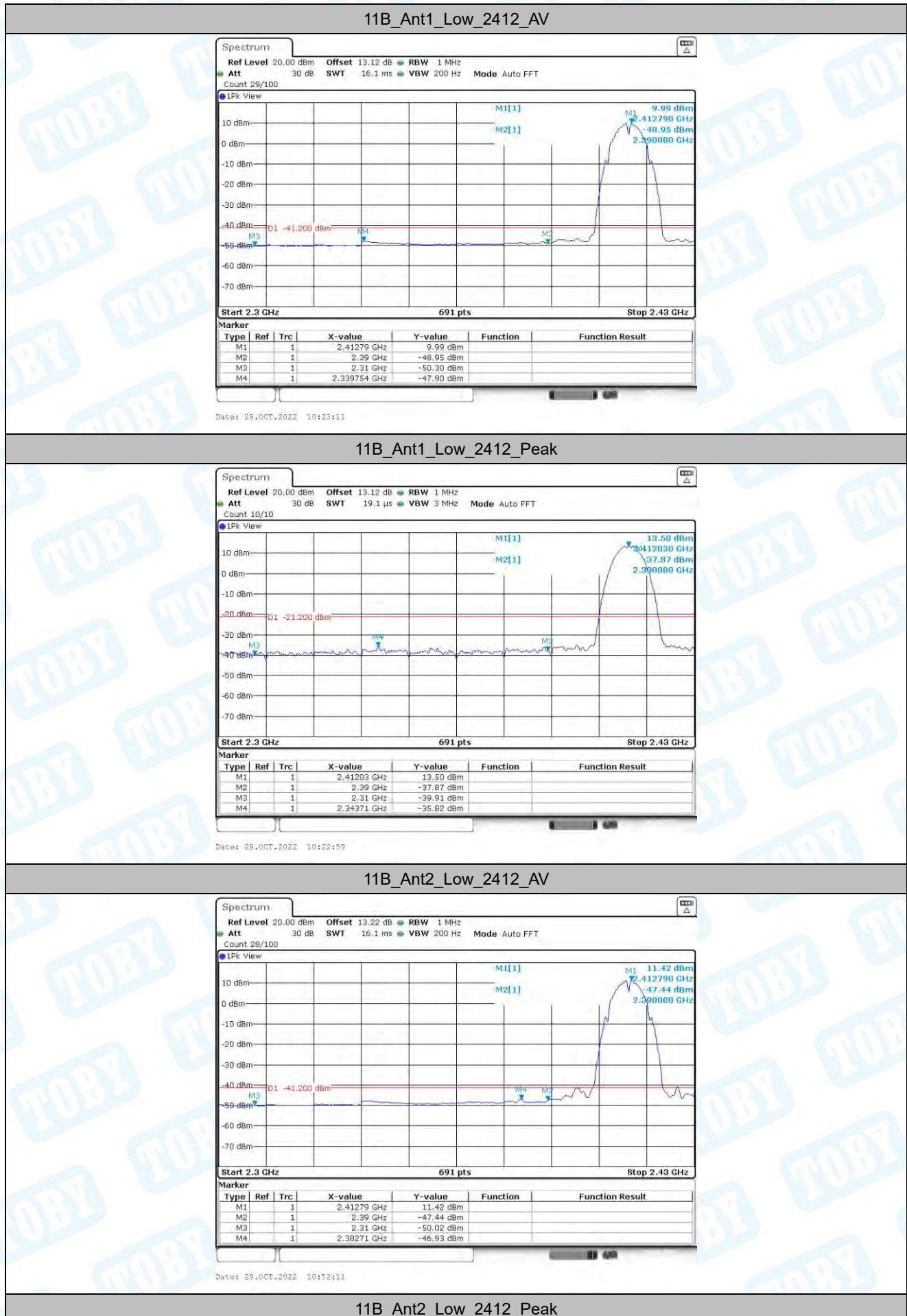
	Ant2	High	2462	Peak	2500.000	-37.27	≤-21.20	PASS
				AV	2483.500	-41.72	≤-41.20	PASS
				AV	2483.681	-41.67	≤-41.20	PASS
				AV	2500.000	-45.52	≤-41.20	PASS
				Peak	2483.500	-29.95	≤-21.20	PASS
				Peak	2483.522	-29.95	≤-21.20	PASS
				Peak	2500.000	-36.38	≤-21.20	PASS
11N20MIM O	Ant1	Low	2412	AV	2310.000	-48.81	≤-41.20	PASS
				AV	2389.870	-45.1	≤-41.20	PASS
				AV	2390.000	-44.9	≤-41.20	PASS
				Peak	2310.000	-38.59	≤-21.20	PASS
				Peak	2389.870	-35.76	≤-21.20	PASS
				Peak	2390.000	-35.63	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-48.19	≤-41.20	PASS
				AV	2389.870	-44.21	≤-41.20	PASS
				AV	2390.000	-44.1	≤-41.20	PASS
				Peak	2310.000	-39.57	≤-21.20	PASS
				Peak	2389.493	-34.31	≤-21.20	PASS
				Peak	2390.000	-34.15	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-45.48	≤-41.20	PASS
				AV	2389.870	-41.62	≤-41.20	PASS
				AV	2390.000	-41.47	≤-41.20	PASS
				Peak	2310.000	-36.04	≤-21.20	PASS
				Peak	2389.493	-31.96	≤-21.20	PASS
				Peak	2390.000	-31.82	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-45.37	≤-41.20	PASS
				AV	2483.522	-45.37	≤-41.20	PASS
				AV	2500.000	-47.12	≤-41.20	PASS
				Peak	2483.500	-36.75	≤-21.20	PASS
				Peak	2498.029	-36.3	≤-21.20	PASS
				Peak	2500.000	-39.2	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-43.38	≤-41.20	PASS
				AV	2484.638	-43.35	≤-41.20	PASS
				AV	2500.000	-46.71	≤-41.20	PASS
				Peak	2483.500	-33.68	≤-21.20	PASS
				Peak	2484.797	-33.64	≤-21.20	PASS
				Peak	2500.000	-38.73	≤-21.20	PASS
	total	High	2462	AV	2483.500	-41.25	≤-41.20	PASS
				AV	2484.638	-41.23	≤-41.20	PASS
				AV	2500.000	-43.90	≤-41.20	PASS
				Peak	2483.500	-31.94	≤-21.20	PASS
				Peak	2484.797	-31.76	≤-21.20	PASS
				Peak	2500.000	-35.95	≤-21.20	PASS
11N40MIM O	Ant1	Low	2422	AV	2310.000	-46.94	≤-41.20	PASS
				AV	2344.652	-44.57	≤-41.20	PASS
				AV	2390.000	-46.28	≤-41.20	PASS

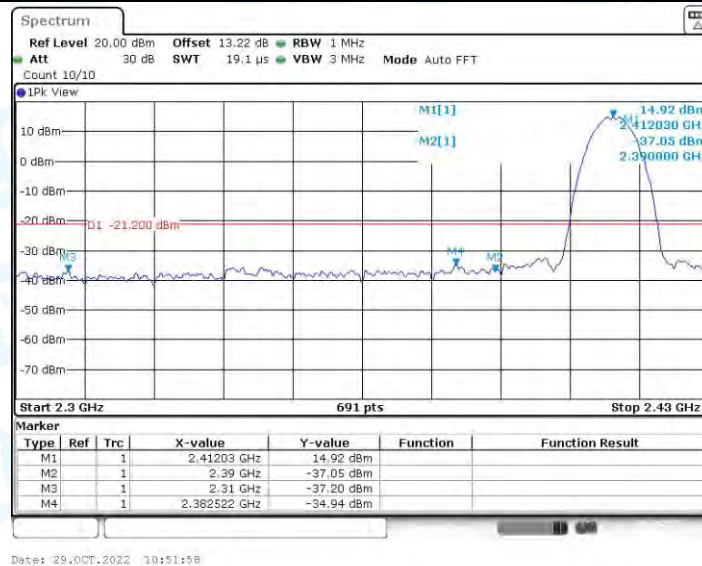
	Ant2	Low	2422	Peak	2310.000	-38.02	≤-21.20	PASS
				Peak	2360.667	-34.54	≤-21.20	PASS
				Peak	2390.000	-38.12	≤-21.20	PASS
				AV	2310.000	-46.4	≤-41.20	PASS
				AV	2344.275	-44.31	≤-41.20	PASS
				AV	2390.000	-46.27	≤-41.20	PASS
				Peak	2310.000	-38.08	≤-21.20	PASS
				Peak	2341.826	-33.77	≤-21.20	PASS
				Peak	2390.000	-37.93	≤-21.20	PASS
	total	Low	2422	AV	2310.000	-43.65	≤-41.20	PASS
				AV	2344.275	-41.43	≤-41.20	PASS
				AV	2390.000	-43.26	≤-41.20	PASS
				Peak	2310.000	-35.04	≤-21.20	PASS
				Peak	2341.826	-31.13	≤-21.20	PASS
				Peak	2390.000	-35.01	≤-21.20	PASS
	Ant1	High	2452	AV	2483.500	-45.67	≤-41.20	PASS
				AV	2495.638	-44.18	≤-41.20	PASS
				AV	2500.000	-46.33	≤-41.20	PASS
				Peak	2483.500	-37.8	≤-21.20	PASS
				Peak	2490.217	-35.87	≤-21.20	PASS
				Peak	2500.000	-37.4	≤-21.20	PASS
	Ant2	High	2452	AV	2483.500	-45.77	≤-41.20	PASS
				AV	2488.623	-45.37	≤-41.20	PASS
				AV	2500.000	-46.19	≤-41.20	PASS
				Peak	2483.500	-37.56	≤-21.20	PASS
				Peak	2498.188	-35.43	≤-21.20	PASS
				Peak	2500.000	-37.62	≤-21.20	PASS
	total	High	2452	AV	2483.500	-42.71	≤-41.20	PASS
				AV	2488.623	-41.72	≤-41.20	PASS
				AV	2500.000	-43.25	≤-41.20	PASS
				Peak	2483.500	-34.67	≤-21.20	PASS
				Peak	2498.188	-32.63	≤-21.20	PASS
				Peak	2500.000	-34.50	≤-21.20	PASS

Note:

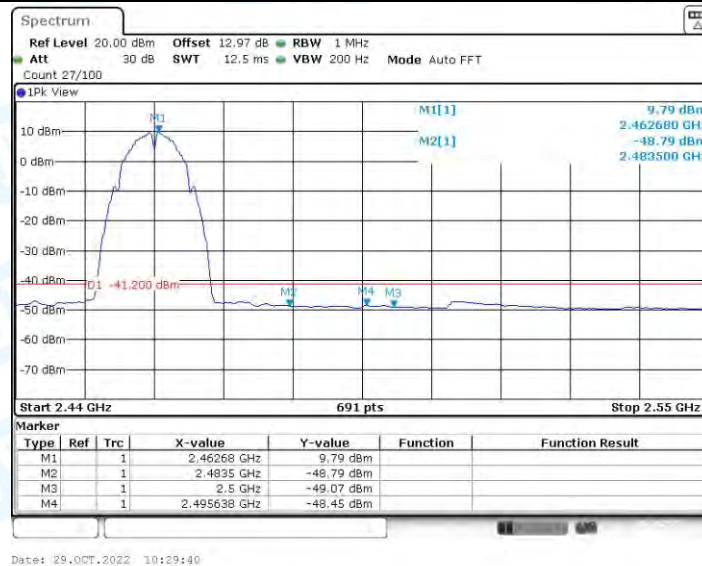
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

8.2. Test Graphs

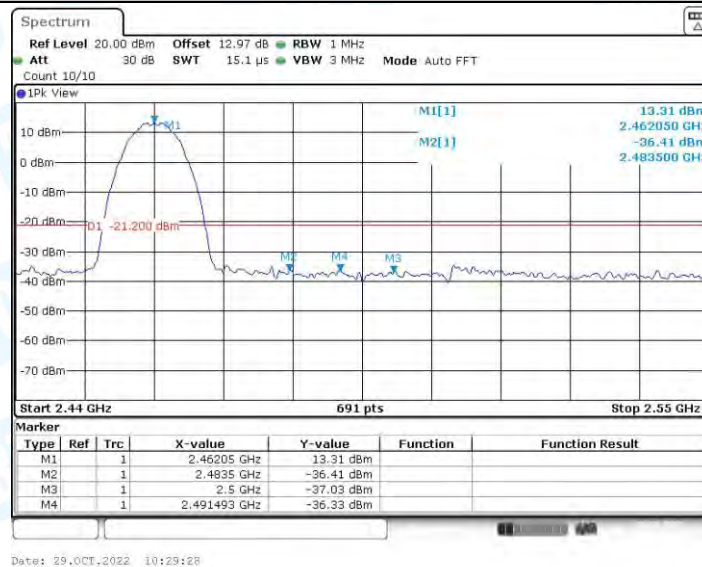




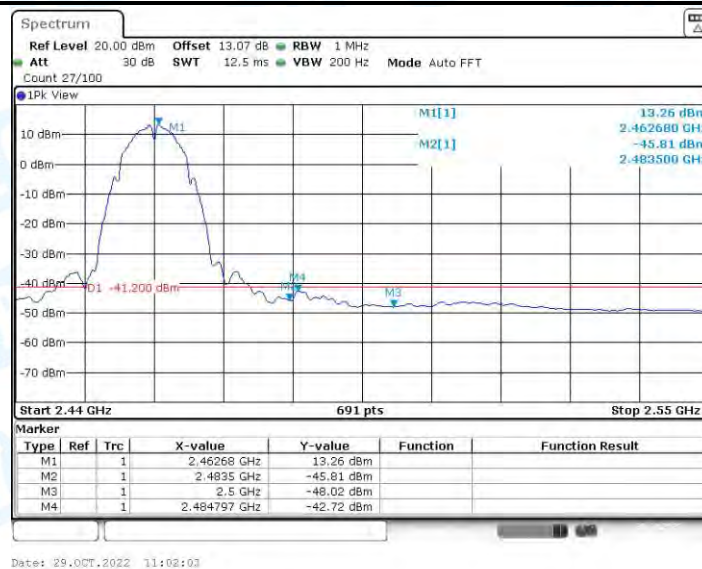
11B_Ant1_High_2462_AV



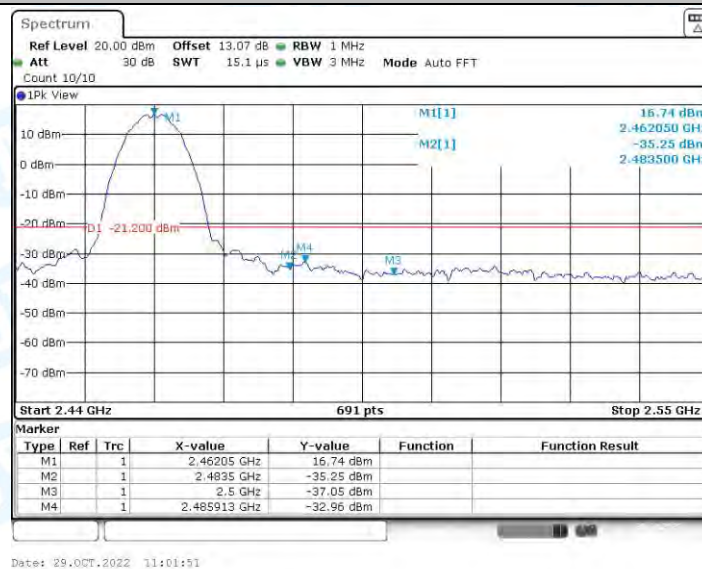
11B_Ant1_High_2462_Peak



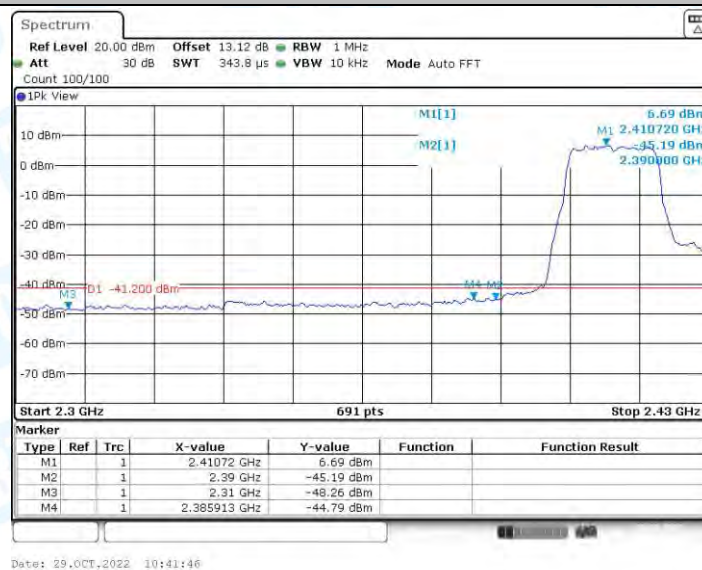
11B_Ant2_High_2462_AV



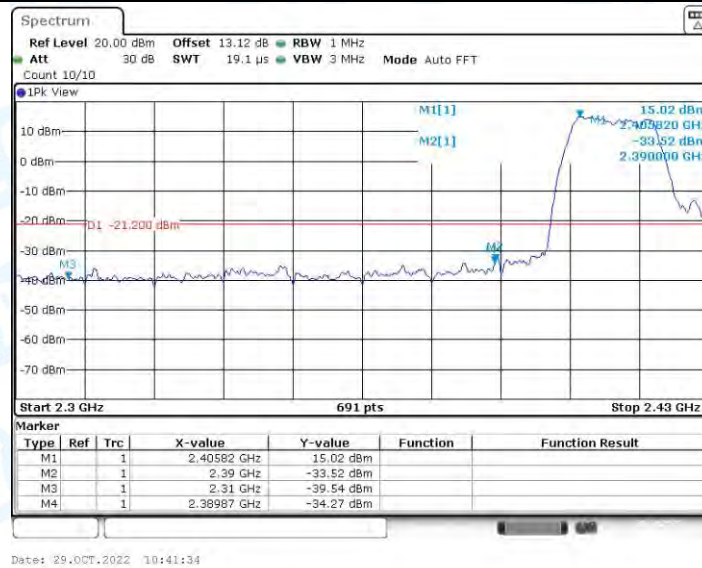
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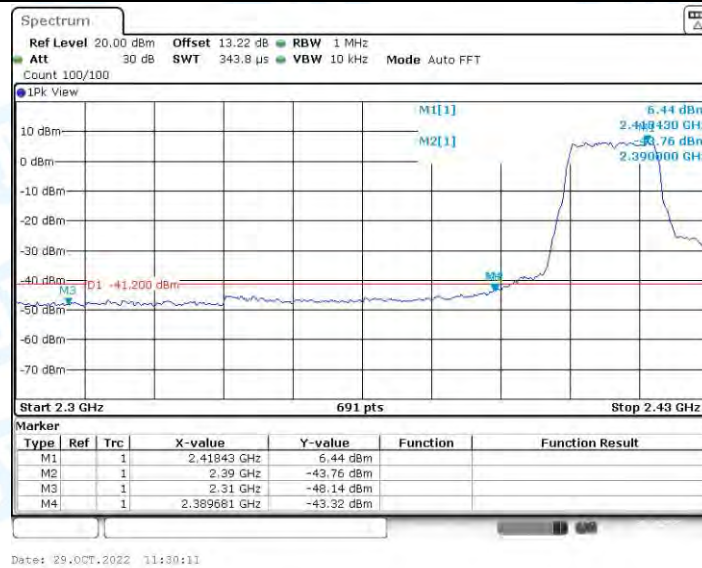
11G_Ant1_Low_2412_AV



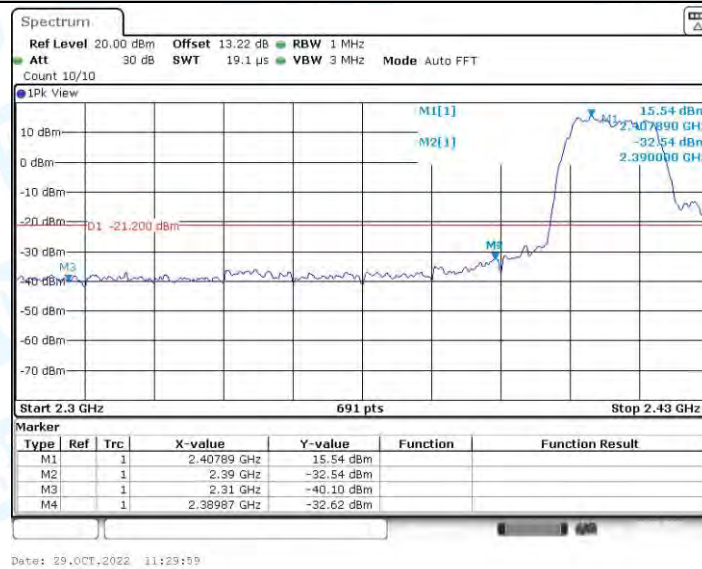
11G_Ant1_Low_2412_Peak



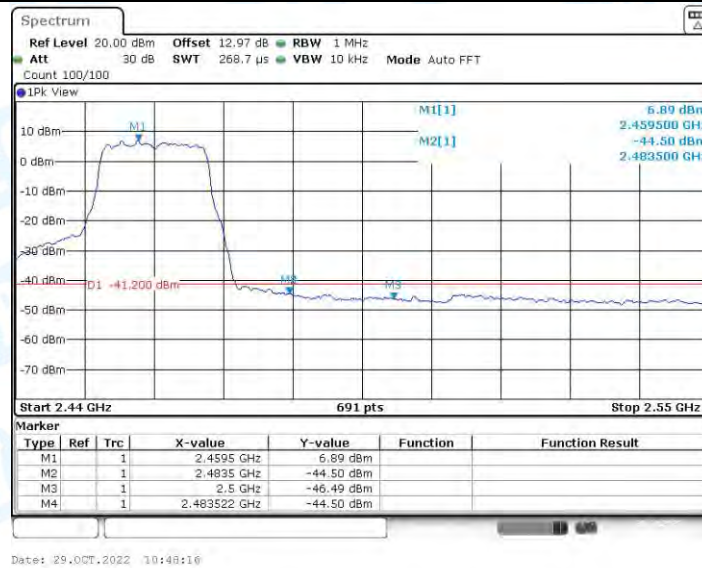
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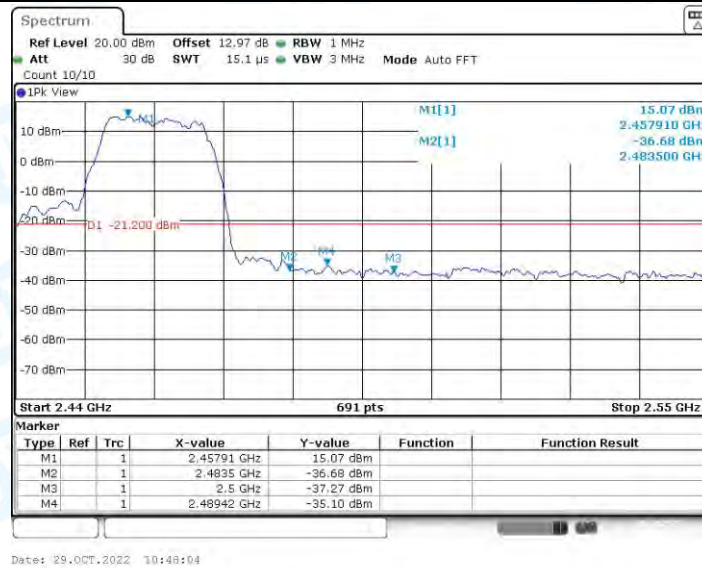
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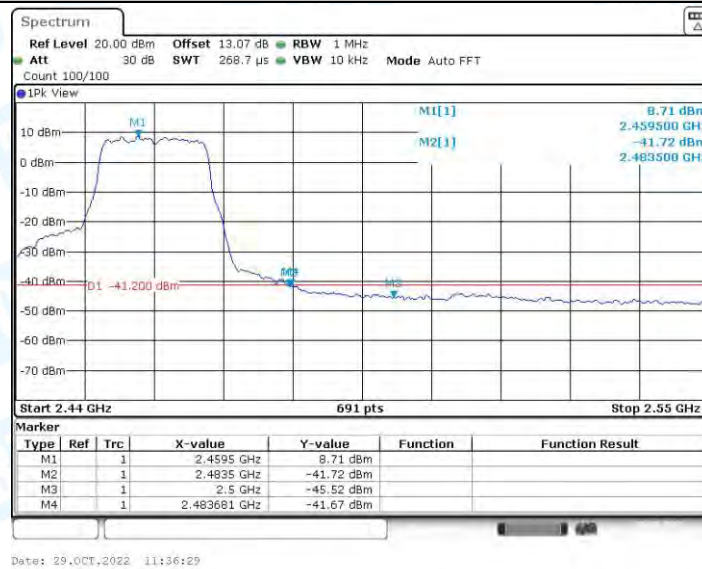
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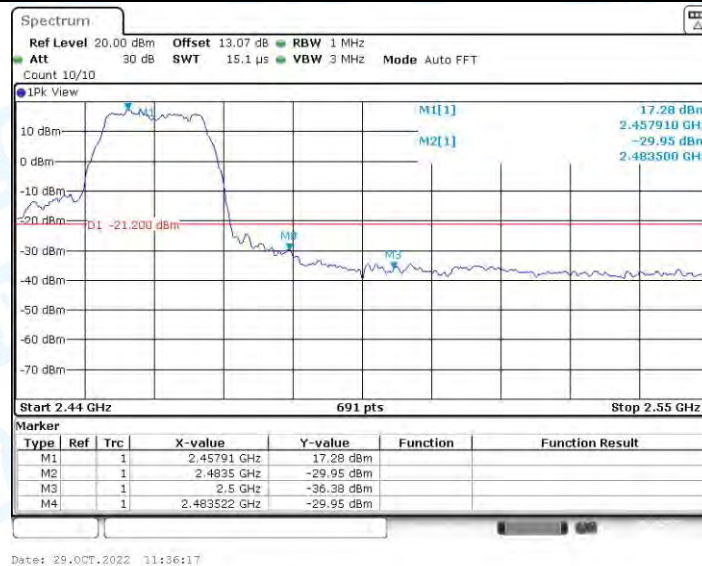
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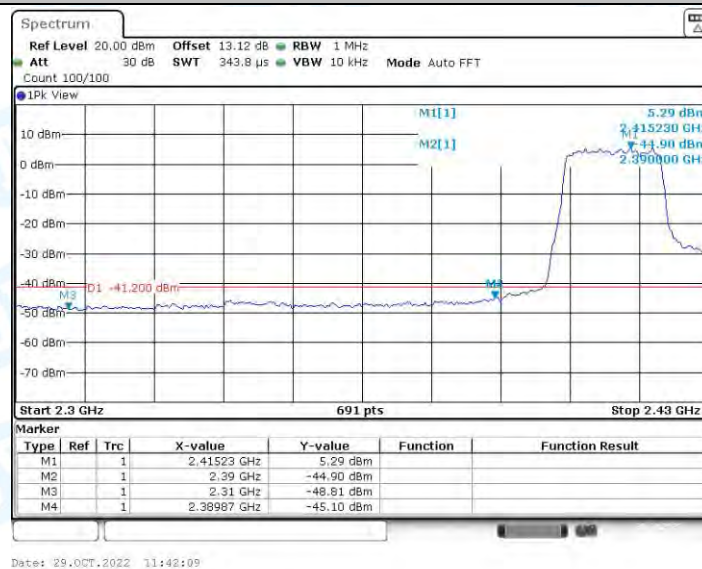
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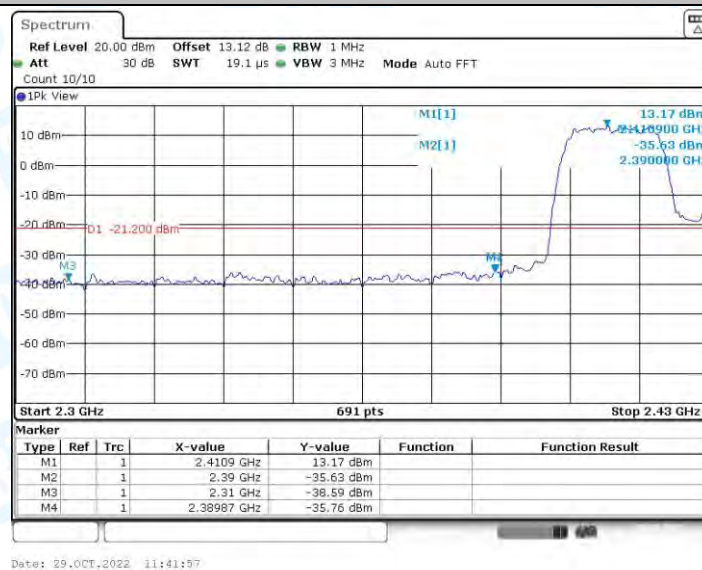
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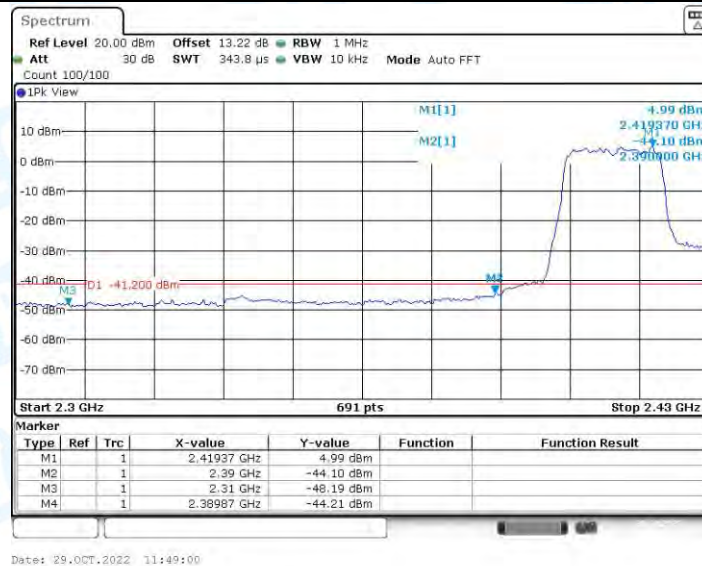
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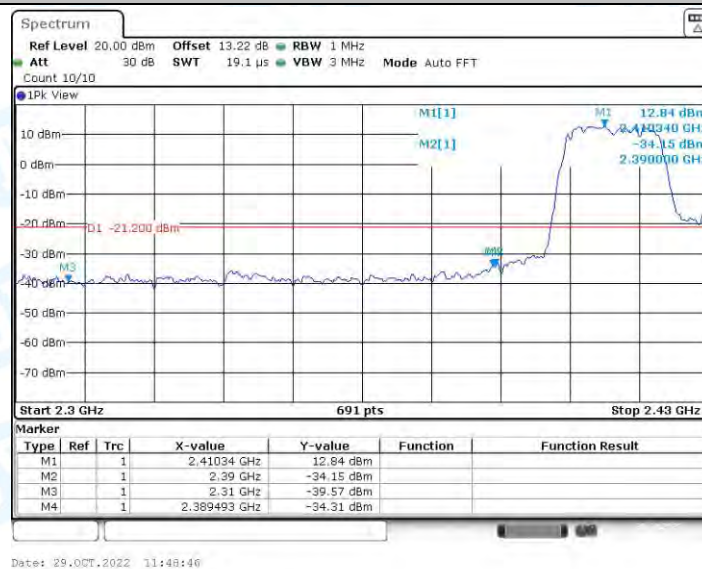
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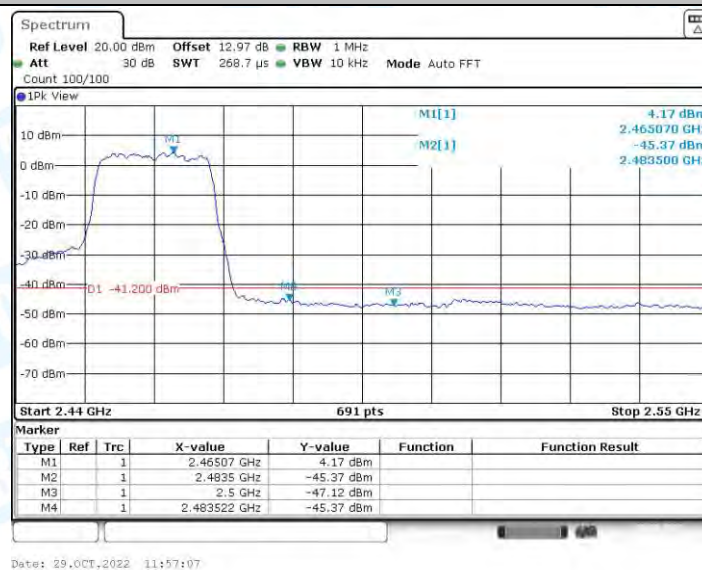
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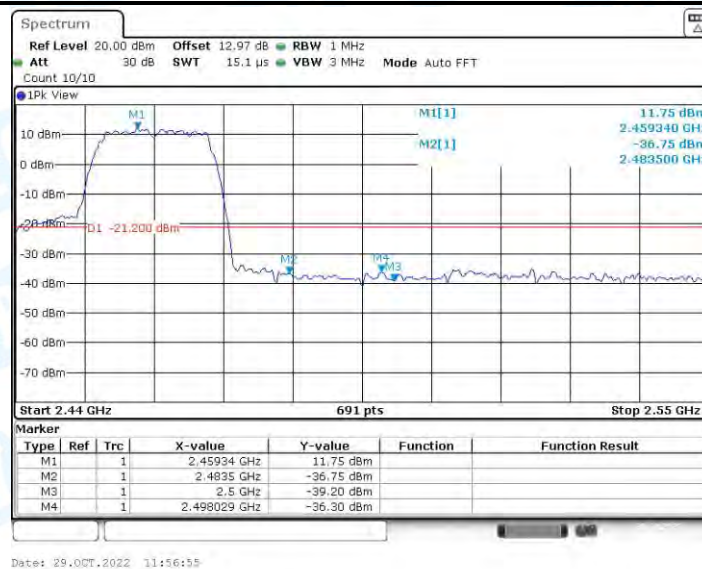
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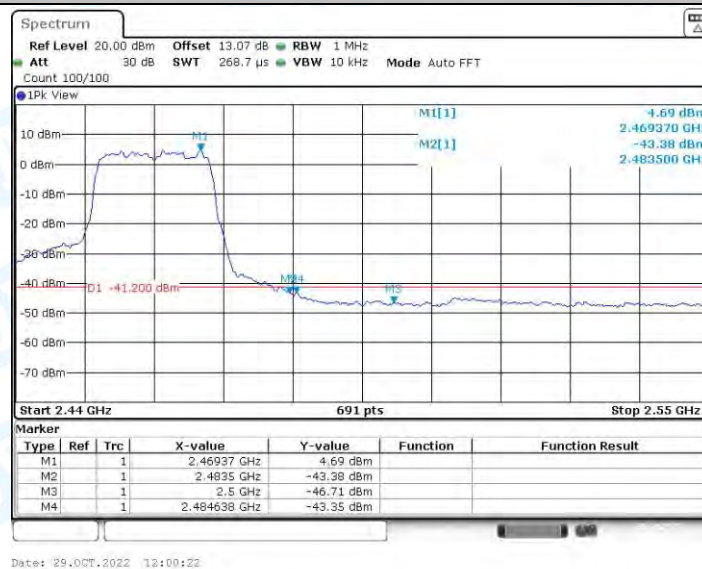
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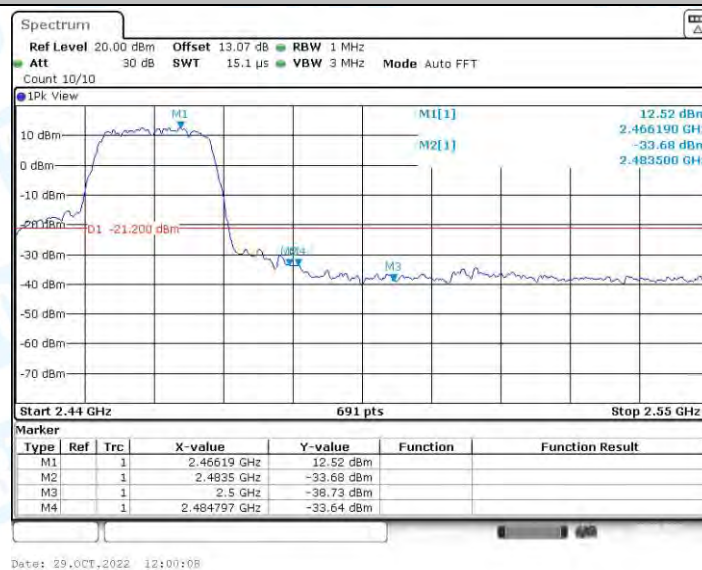
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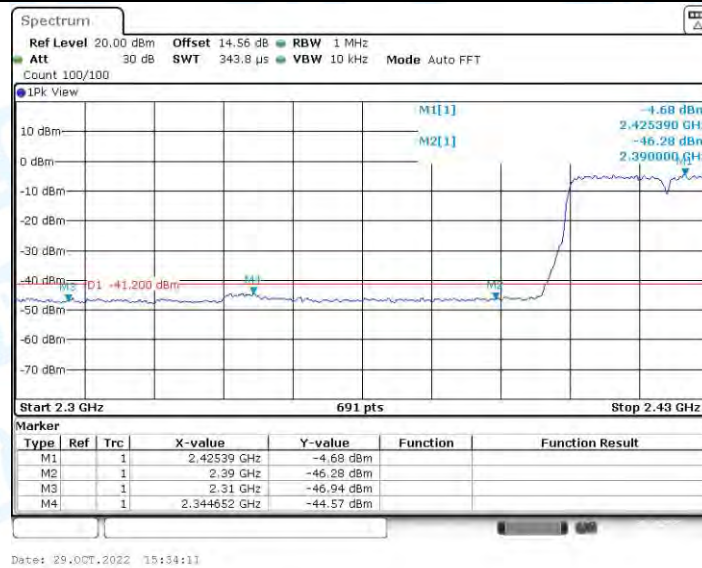
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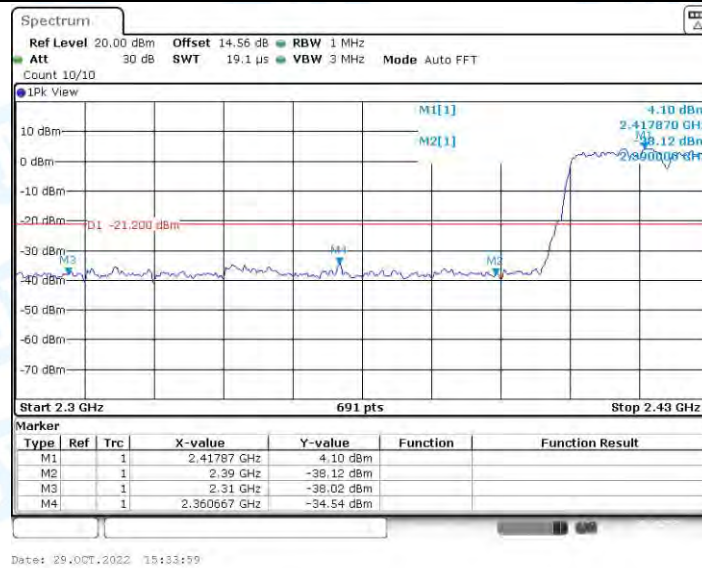
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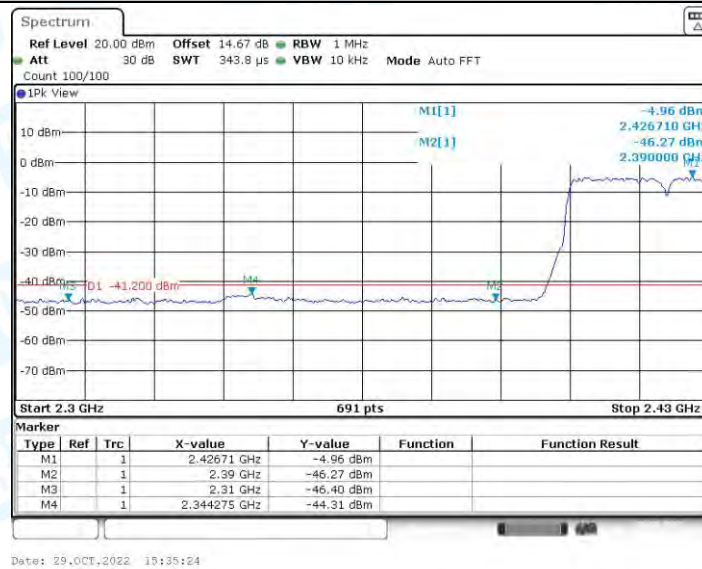
11N40MIMO_Ant1_Low_2422_AV



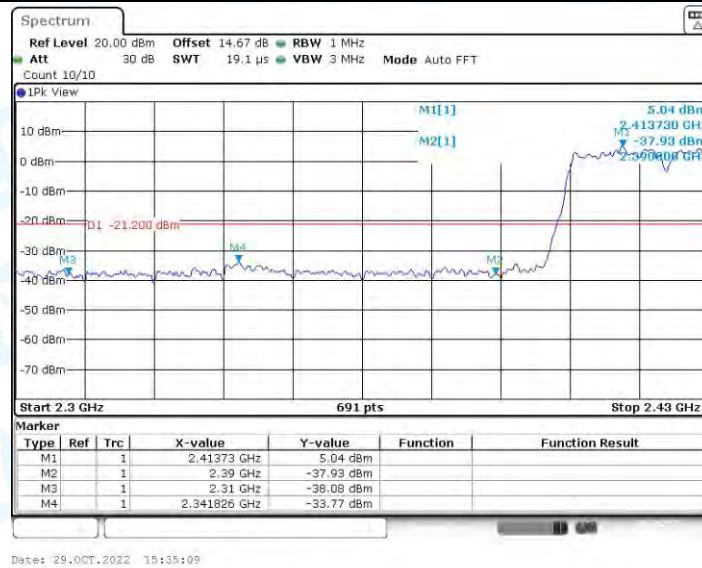
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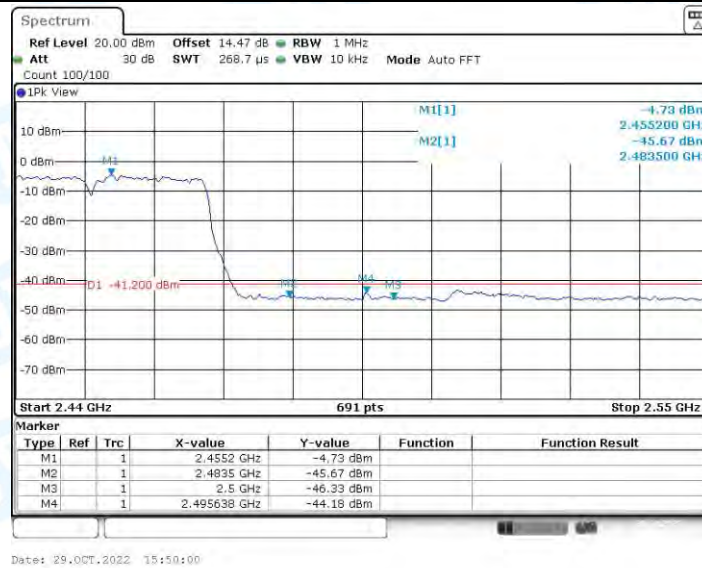
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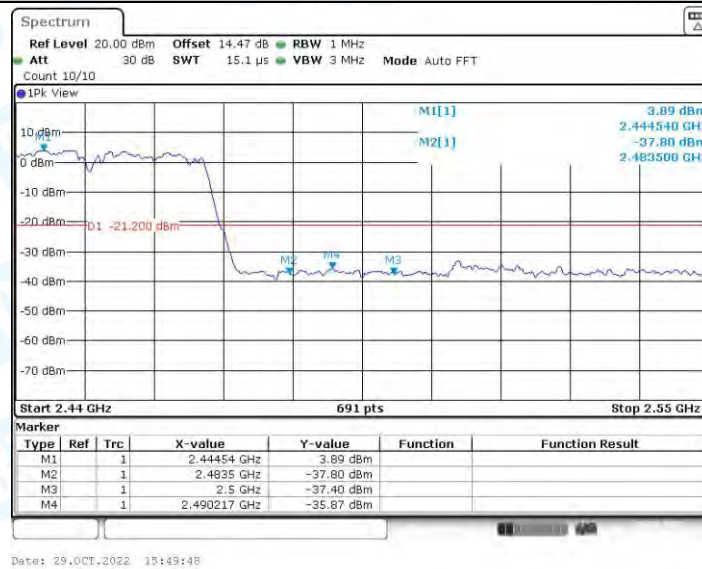
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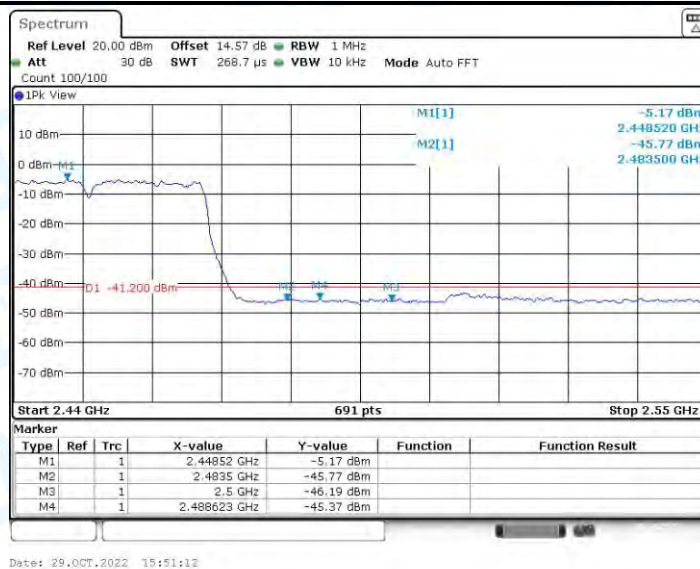
11N40MIMO_Ant1_High_2452_AV



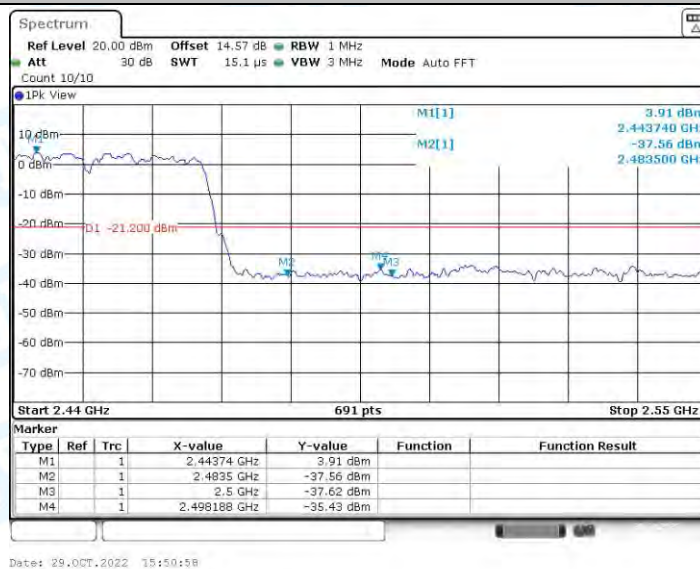
11N40MIMO_Ant1_High_2452_Peak



11N40MIMO_Ant2_High_2452_AV



11N40MIMO_Ant2_High_2452_Peak



-----End of the report-----