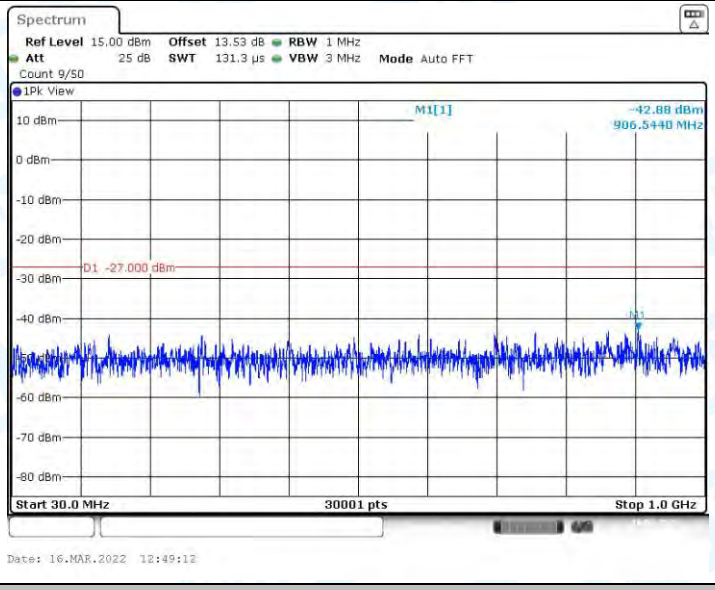
	Ant2	5530	30~1000	891.09	-43.36	≤-27	PASS
			1000~40000	39396.8	-31.8	≤-27	PASS
	Ant1	5610	30~1000	607.99	-42.85	≤-27	PASS
			1000~40000	39626.9	-31.74	≤-27	PASS
	Ant2	5610	30~1000	781.81	-43.37	≤-27	PASS
			1000~40000	39987	-32.08	≤-27	PASS
	Ant1	5775	30~1000	962.09	-47.79	≤-27	PASS
			1000~40000	39755.6	-32.94	≤-27	PASS
	Ant2	5775	30~1000	860.92	-47.66	≤-27	PASS
			1000~40000	39989.6	-33.55	≤-27	PASS
11AX20MIMO	Ant1	5180	30~1000	406.53	-43.34	≤-27	PASS
			1000~40000	39966.2	-33.3	≤-27	PASS
	Ant2	5180	30~1000	958.83	-42.86	≤-27	PASS
			1000~40000	39493	-32.79	≤-27	PASS
	Ant1	5220	30~1000	159.57	-43.67	≤-27	PASS
			1000~40000	39396.8	-32.89	≤-27	PASS
	Ant2	5220	30~1000	892.51	-42.56	≤-27	PASS
			1000~40000	39678.9	-32.11	≤-27	PASS
	Ant1	5240	30~1000	592.99	-43.52	≤-27	PASS
			1000~40000	39465.7	-32.83	≤-27	PASS
	Ant2	5240	30~1000	962.9	-43.48	≤-27	PASS
			1000~40000	40000	-32.3	≤-27	PASS
	Ant1	5260	30~1000	878.71	-43.65	≤-27	PASS
			1000~40000	39691.9	-32.27	≤-27	PASS
	Ant2	5260	30~1000	729.56	-41.38	≤-27	PASS
			1000~40000	39391.6	-32.47	≤-27	PASS
	Ant1	5300	30~1000	861.89	-43.14	≤-27	PASS
			1000~40000	39980.5	-31.96	≤-27	PASS
	Ant2	5300	30~1000	507.24	-43.27	≤-27	PASS
			1000~40000	39476.1	-32.8	≤-27	PASS
	Ant1	5320	30~1000	813.23	-42.78	≤-27	PASS
			1000~40000	39409.8	-32.96	≤-27	PASS
	Ant2	5320	30~1000	509.02	-42.95	≤-27	PASS
			1000~40000	39868.7	-31.97	≤-27	PASS
	Ant1	5500	30~1000	510.18	-43.68	≤-27	PASS
			1000~40000	39966.2	-30.91	≤-27	PASS
	Ant2	5500	30~1000	959.31	-41.06	≤-27	PASS
			1000~40000	39521.6	-32.06	≤-27	PASS
	Ant1	5580	30~1000	852.68	-43.69	≤-27	PASS
			1000~40000	39987	-32.25	≤-27	PASS
	Ant2	5580	30~1000	822.12	-42.6	≤-27	PASS
			1000~40000	39987	-32.4	≤-27	PASS
	Ant1	5700	30~1000	889.54	-39.6	≤-27	PASS
			1000~40000	39452.7	-32.03	≤-27	PASS
	Ant2	5700	30~1000	721.12	-43.65	≤-27	PASS
			1000~40000	39348.7	-31.95	≤-27	PASS

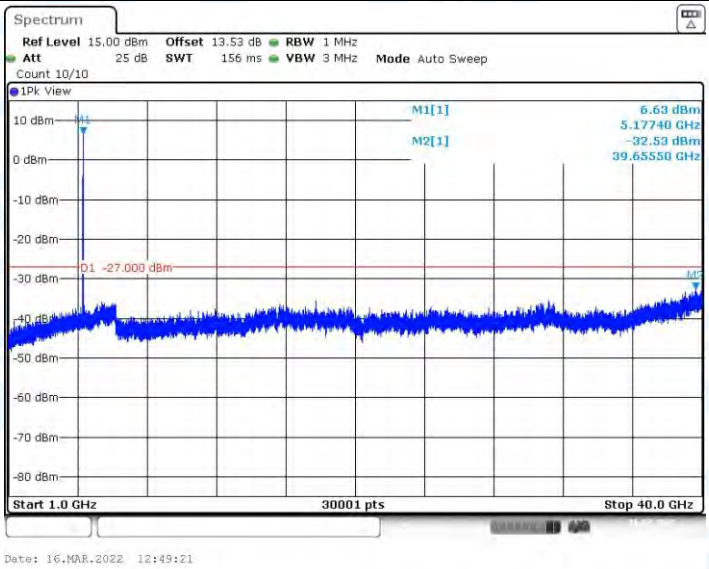
	Ant1	5745	30~1000	987.54	-47.99	≤-27	PASS
			1000~40000	39645.1	-33.26	≤-27	PASS
	Ant2	5745	30~1000	712.39	-47.93	≤-27	PASS
			1000~40000	39993.5	-33.09	≤-27	PASS
	Ant1	5785	30~1000	572.07	-47.6	≤-27	PASS
			1000~40000	39772.5	-33.88	≤-27	PASS
	Ant2	5785	30~1000	891.64	-47.3	≤-27	PASS
			1000~40000	39953.2	-34.06	≤-27	PASS
	Ant1	5825	30~1000	637.73	-48.71	≤-27	PASS
			1000~40000	39993.5	-34.2	≤-27	PASS
	Ant2	5825	30~1000	705.86	-47.98	≤-27	PASS
			1000~40000	38590.8	-33.8	≤-27	PASS
11AX40MIMO	Ant1	5190	30~1000	385.93	-42.89	≤-27	PASS
			1000~40000	39652.9	-33.37	≤-27	PASS
	Ant2	5190	30~1000	960.83	-43.85	≤-27	PASS
			1000~40000	39975.3	-32.41	≤-27	PASS
	Ant1	5230	30~1000	668.03	-43.1	≤-27	PASS
			1000~40000	39992.2	-32.67	≤-27	PASS
	Ant2	5230	30~1000	707.38	-43.18	≤-27	PASS
			1000~40000	39994.8	-33.08	≤-27	PASS
	Ant1	5270	30~1000	945.7	-42.51	≤-27	PASS
			1000~40000	39946.7	-32.71	≤-27	PASS
	Ant2	5270	30~1000	481.6	-43.63	≤-27	PASS
			1000~40000	39330.5	-32.4	≤-27	PASS
	Ant1	5310	30~1000	508.63	-42.15	≤-27	PASS
			1000~40000	39624.3	-33.04	≤-27	PASS
	Ant2	5310	30~1000	971.21	-43.62	≤-27	PASS
			1000~40000	39994.8	-32.68	≤-27	PASS
	Ant1	5510	30~1000	958.89	-43.33	≤-27	PASS
			1000~40000	39935	-32.44	≤-27	PASS
	Ant2	5510	30~1000	907.38	-42.78	≤-27	PASS
			1000~40000	39636	-32.06	≤-27	PASS
	Ant1	5550	30~1000	120.74	-43.16	≤-27	PASS
			1000~40000	39654.2	-31.91	≤-27	PASS
	Ant2	5550	30~1000	257.54	-41.72	≤-27	PASS
			1000~40000	39992.2	-32.5	≤-27	PASS
	Ant1	5670	30~1000	861.21	-42.69	≤-27	PASS
			1000~40000	39998.7	-32.29	≤-27	PASS
	Ant2	5670	30~1000	871.69	-41.9	≤-27	PASS
			1000~40000	39987	-31.87	≤-27	PASS
	Ant1	5755	30~1000	888.24	-48.38	≤-27	PASS
			1000~40000	39429.3	-33.48	≤-27	PASS
	Ant2	5755	30~1000	862.96	-48.18	≤-27	PASS
			1000~40000	39766	-33.75	≤-27	PASS
	Ant1	5795	30~1000	751.48	-49.01	≤-27	PASS
			1000~40000	39967.5	-33.7	≤-27	PASS

	Ant2	5795	30~1000	707.12	-47.94	≤-27	PASS
			1000~40000	39954.5	-34.22	≤-27	PASS
11AX80MIMO	Ant1	5210	30~1000	847.28	-44.21	≤-27	PASS
			1000~40000	39984.4	-32.85	≤-27	PASS
	Ant2	5210	30~1000	709.19	-43.89	≤-27	PASS
			1000~40000	39899.9	-32.46	≤-27	PASS
	Ant1	5290	30~1000	959.7	-43.27	≤-27	PASS
			1000~40000	39634.7	-32.53	≤-27	PASS
	Ant2	5290	30~1000	777.76	-43.38	≤-27	PASS
			1000~40000	39170.6	-31.32	≤-27	PASS
	Ant1	5530	30~1000	801.72	-42.26	≤-27	PASS
			1000~40000	39976.6	-32.52	≤-27	PASS
	Ant2	5530	30~1000	174.15	-43.41	≤-27	PASS
			1000~40000	39585.3	-32.11	≤-27	PASS
	Ant1	5610	30~1000	918.83	-43.34	≤-27	PASS
			1000~40000	37909.6	-32.75	≤-27	PASS
	Ant2	5610	30~1000	638.41	-43.74	≤-27	PASS
			1000~40000	39398.1	-32.49	≤-27	PASS
	Ant1	5775	30~1000	832.34	-48.45	≤-27	PASS
			1000~40000	39742.6	-33.85	≤-27	PASS
	Ant2	5775	30~1000	959.5	-47.71	≤-27	PASS
			1000~40000	39871.3	-32.9	≤-27	PASS

8.2.Test Graphs



11A_Ant1_5180_30~1000



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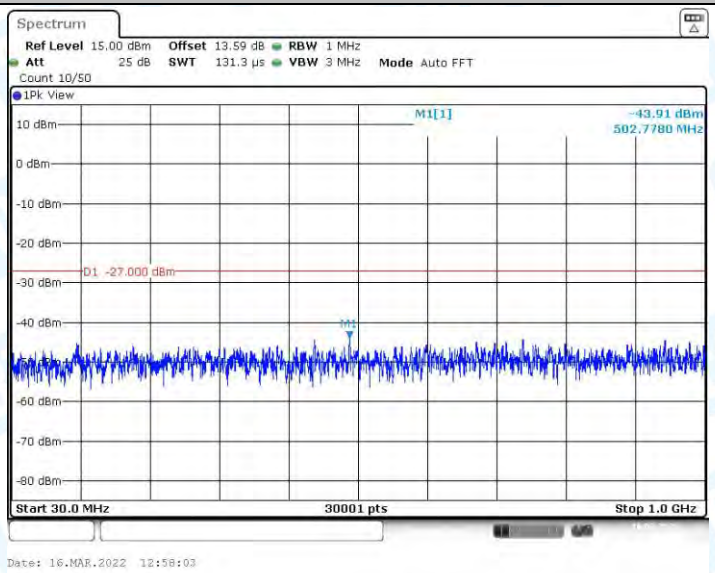
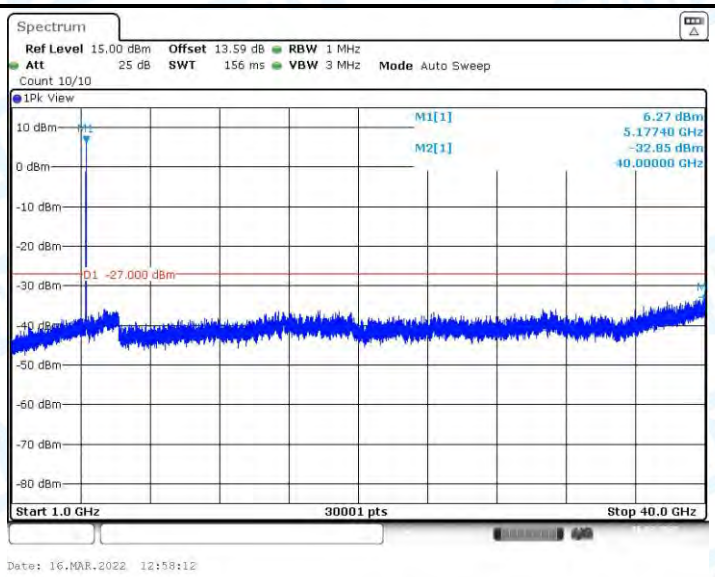


11A_Ant2_5180_30~1000



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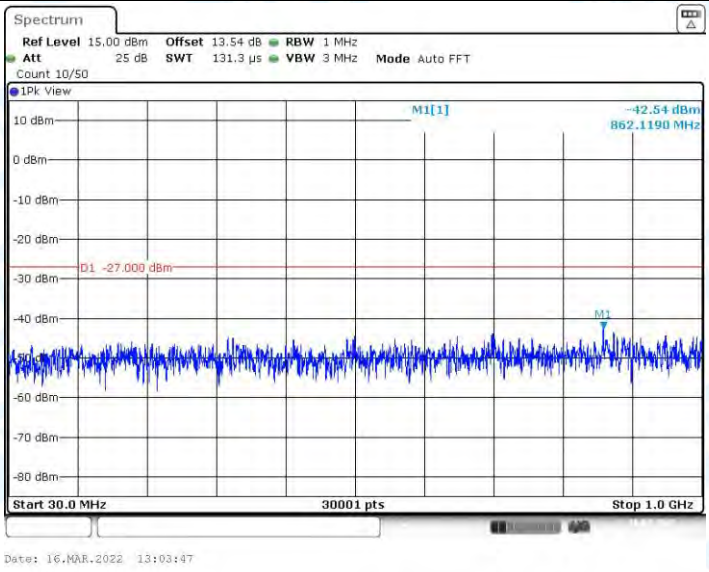

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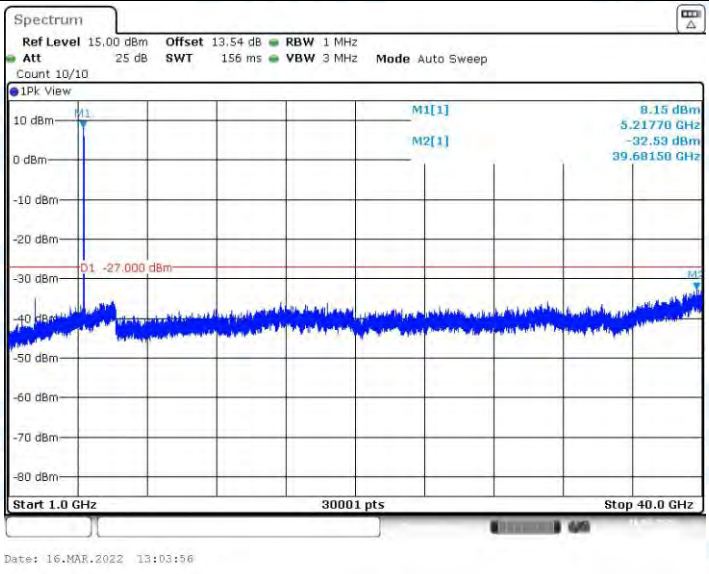

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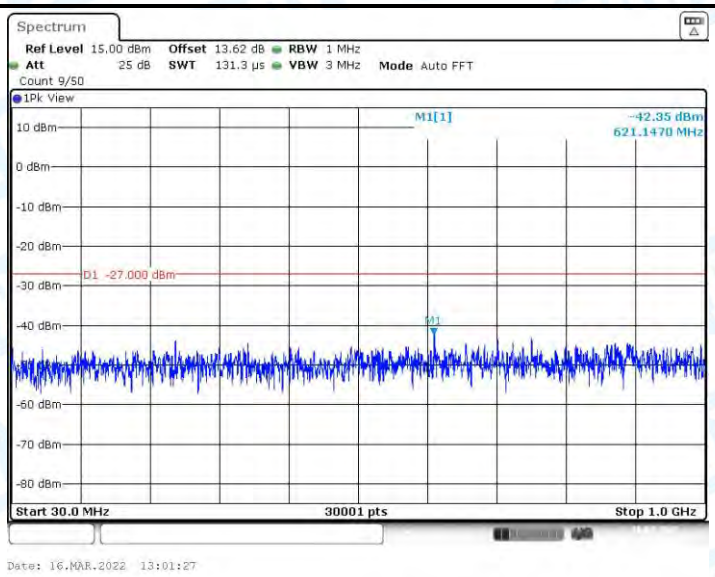

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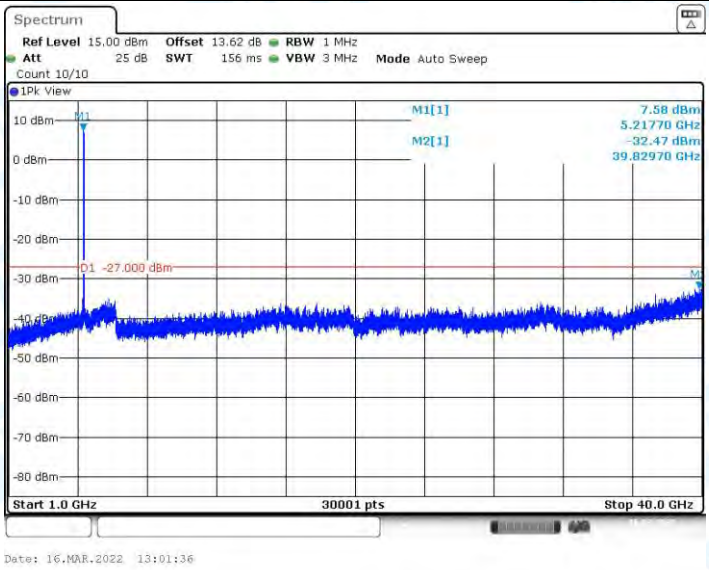

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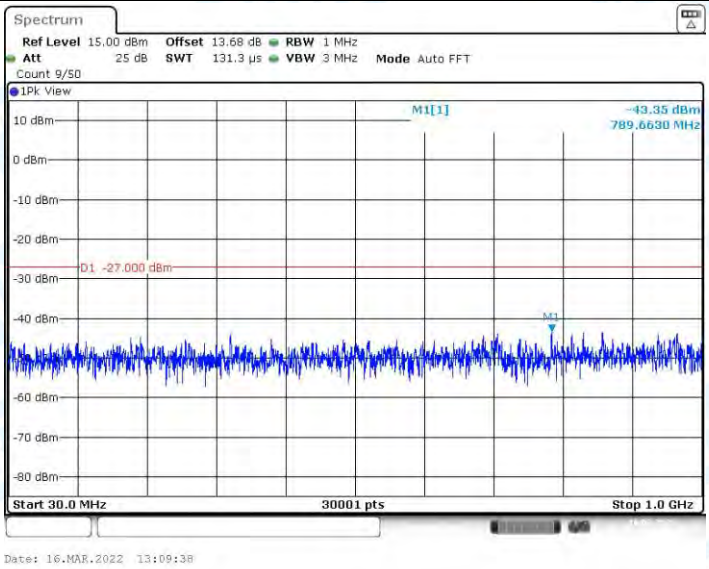

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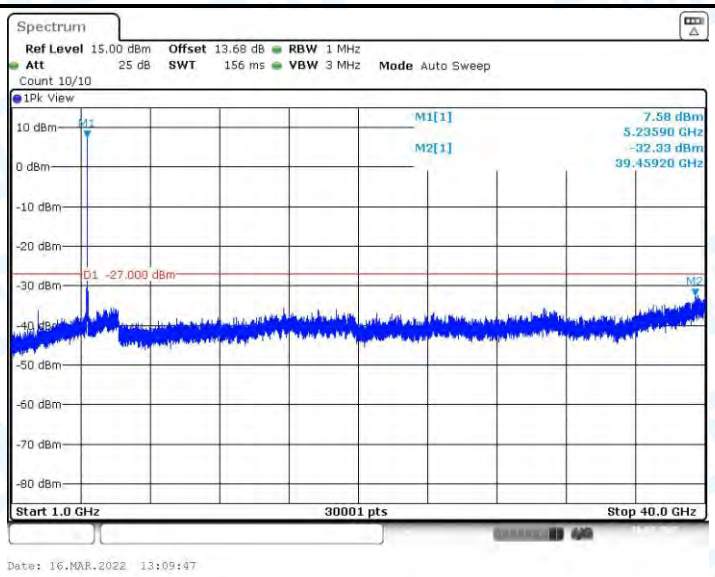

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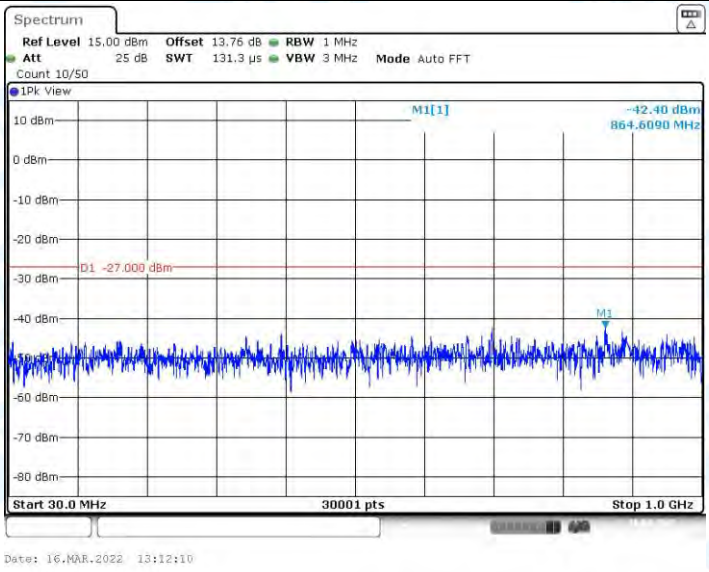

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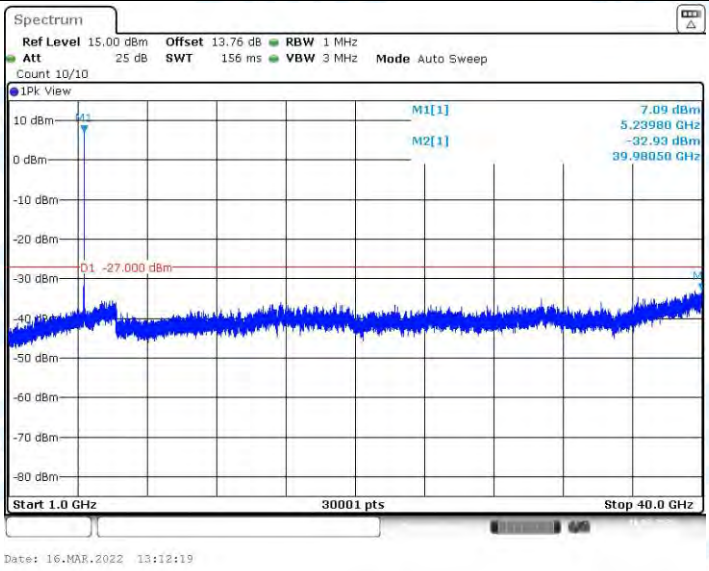

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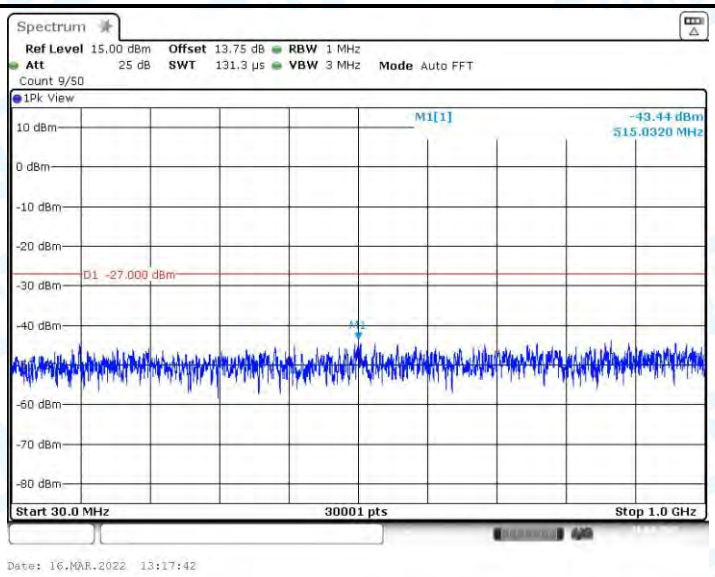

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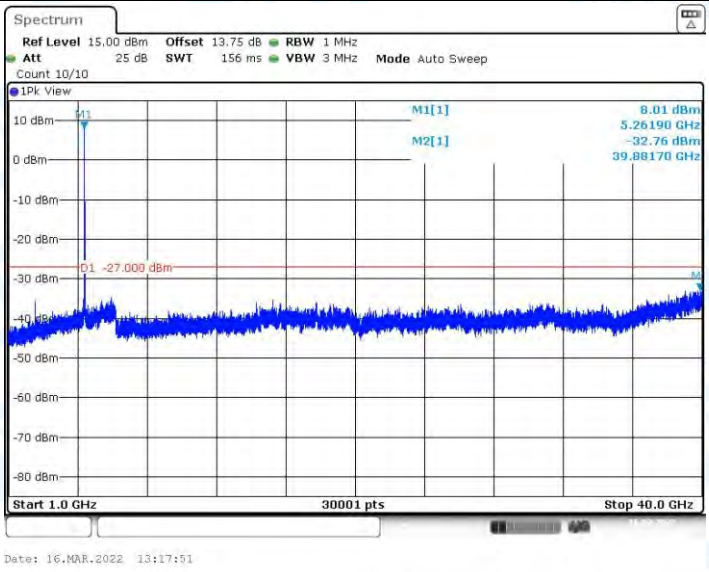

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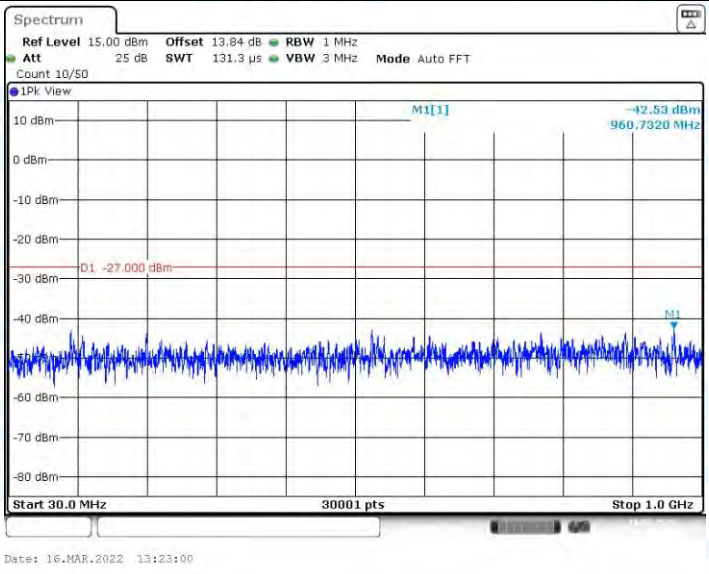

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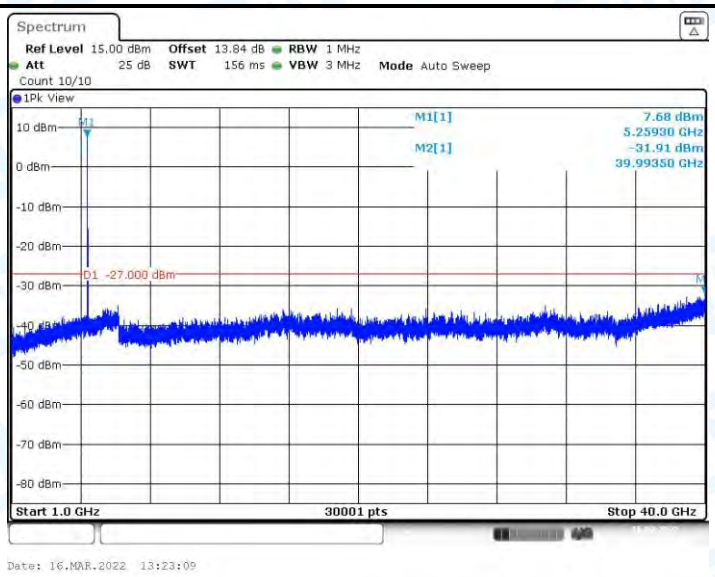

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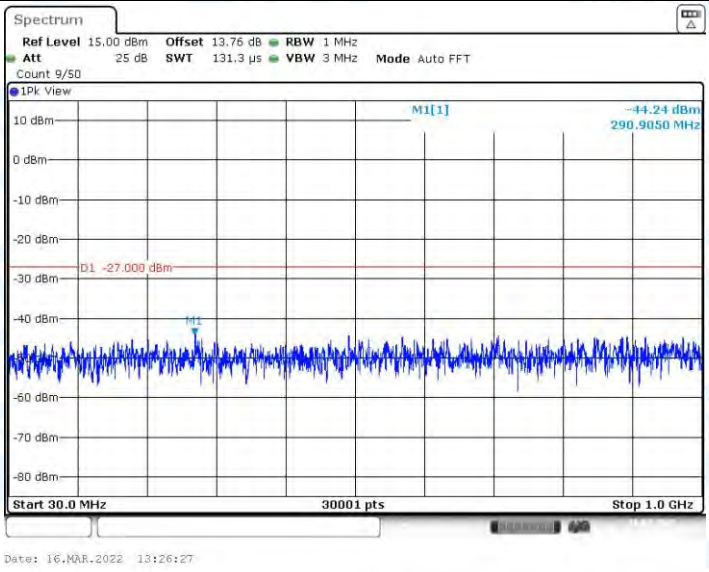

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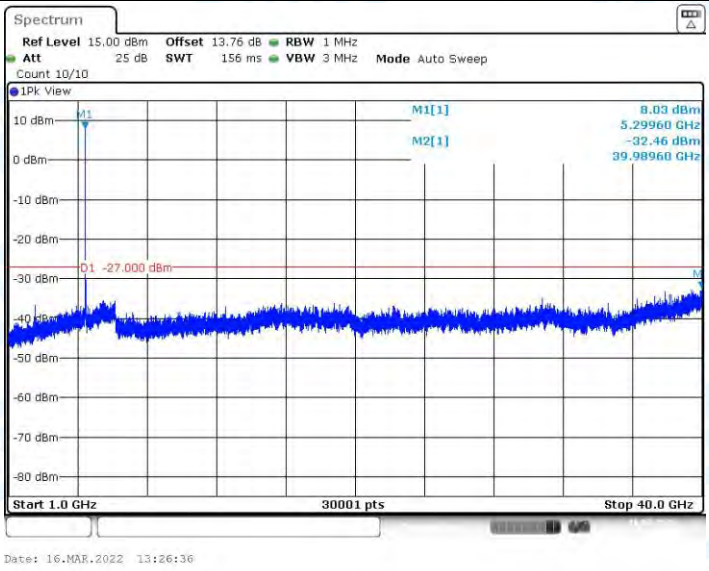

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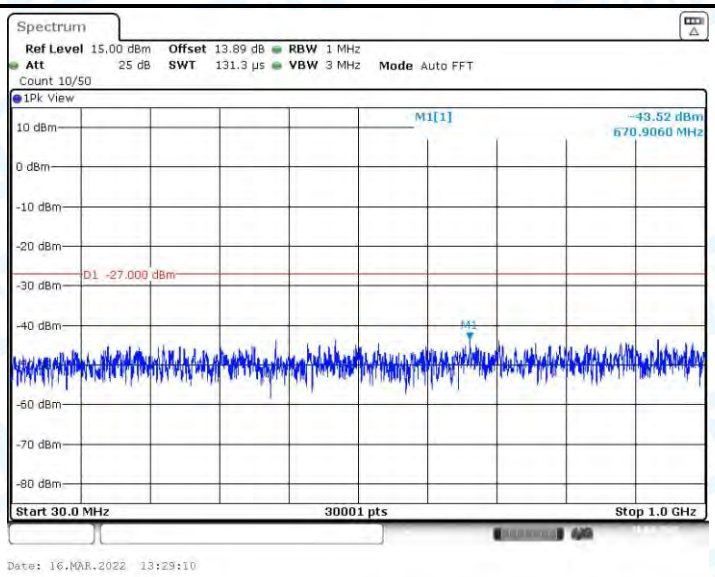

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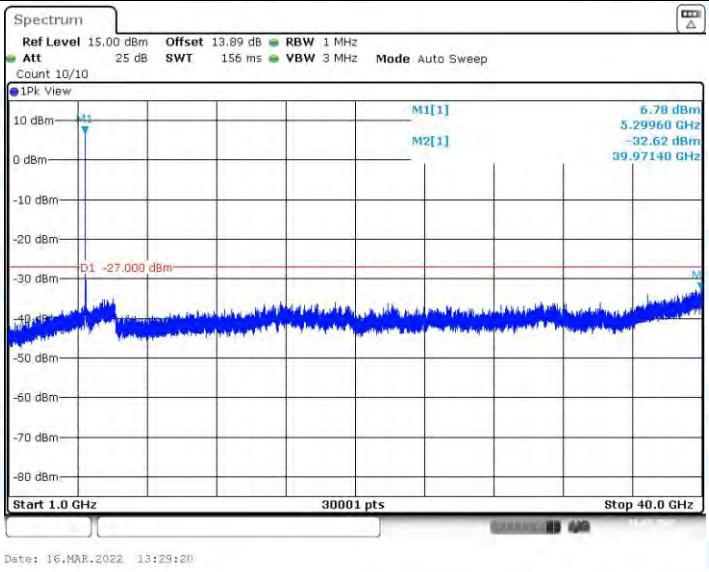

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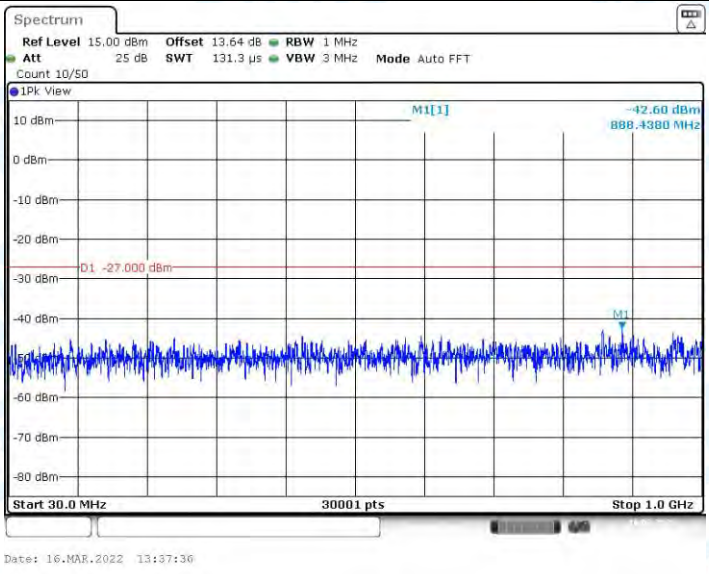

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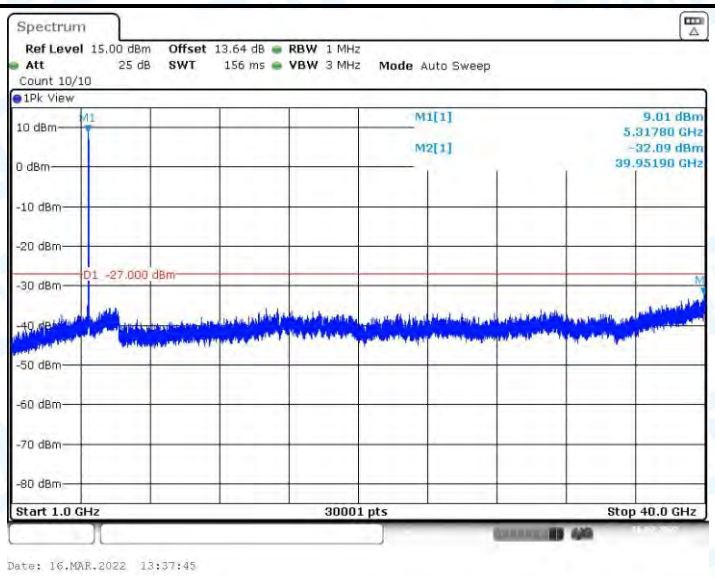

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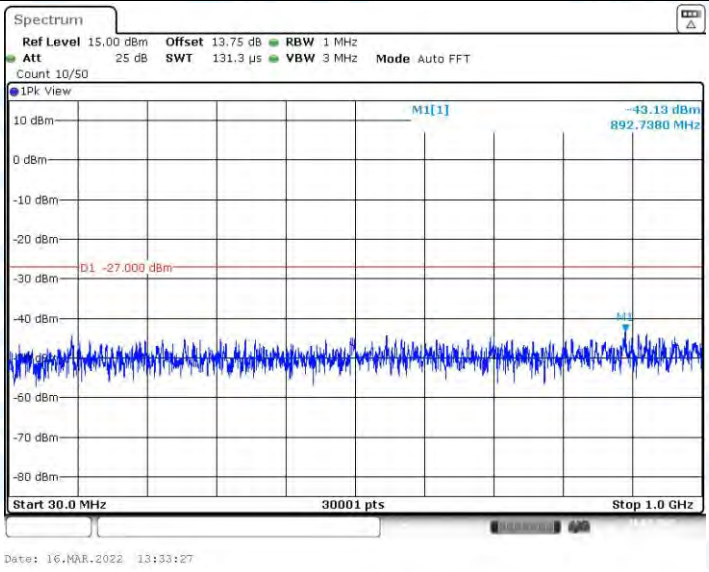

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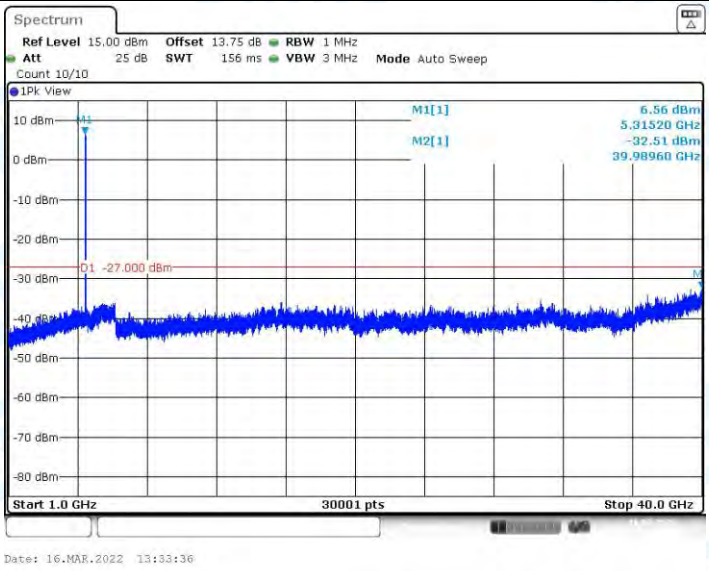

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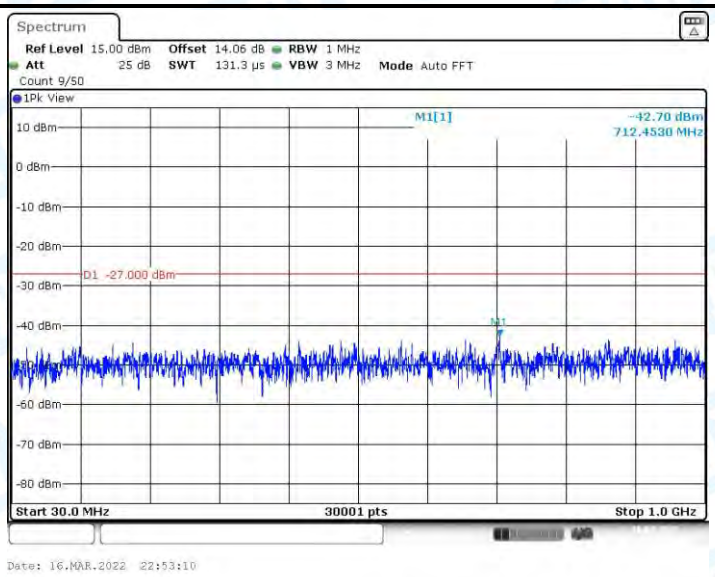

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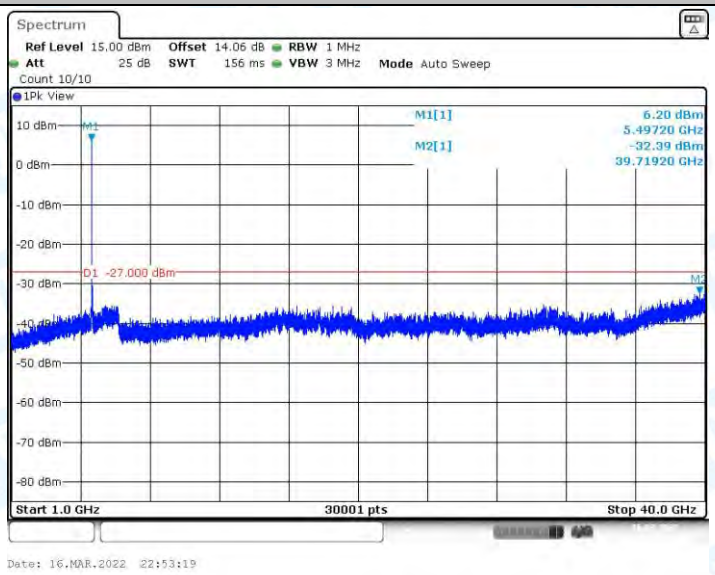

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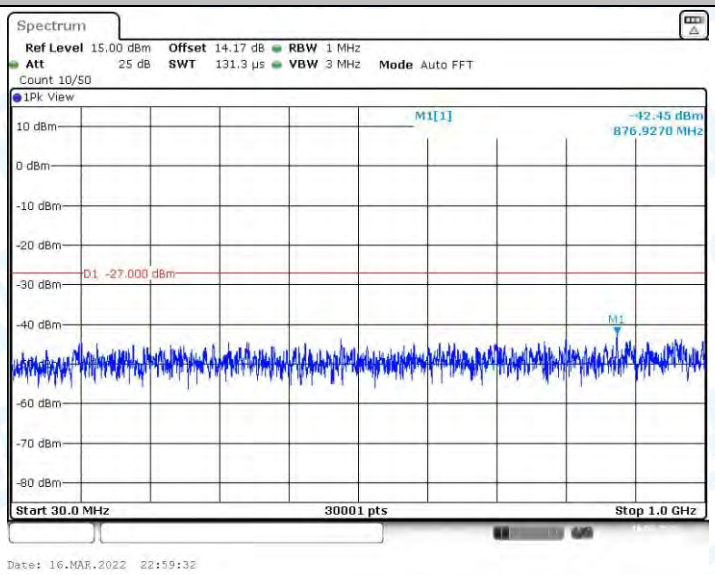

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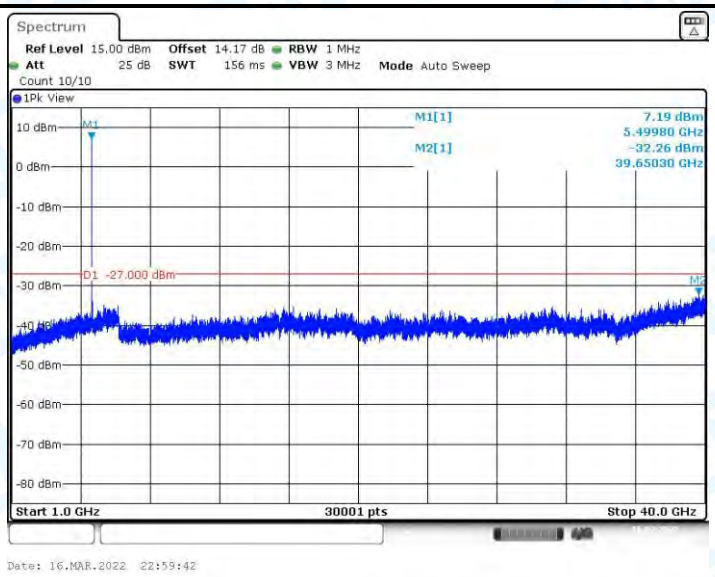

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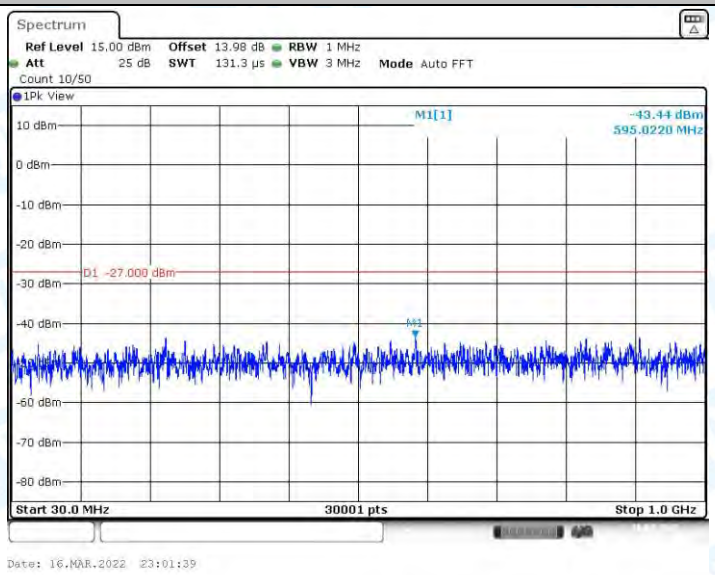

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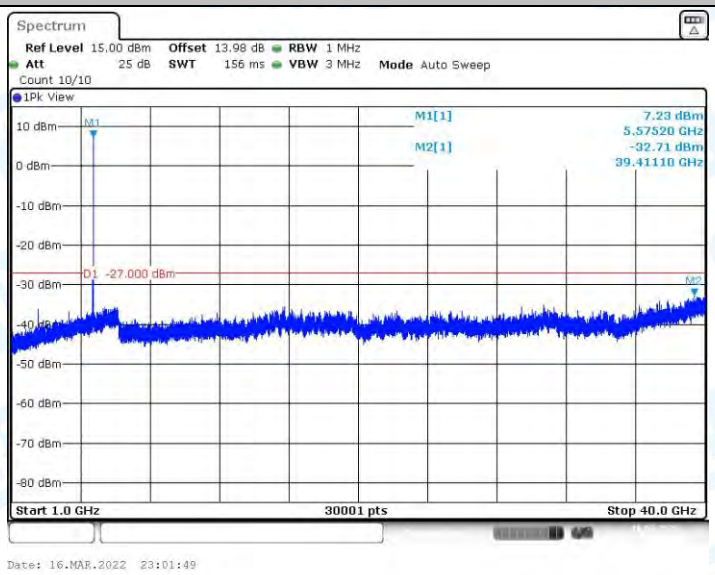

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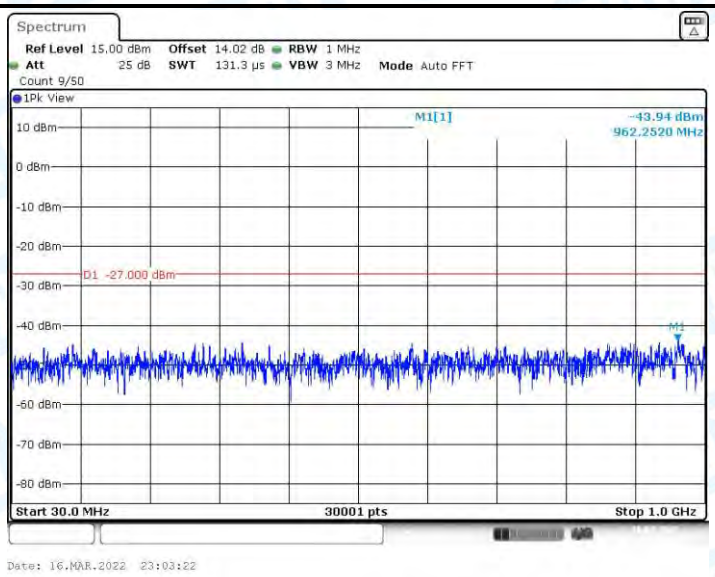

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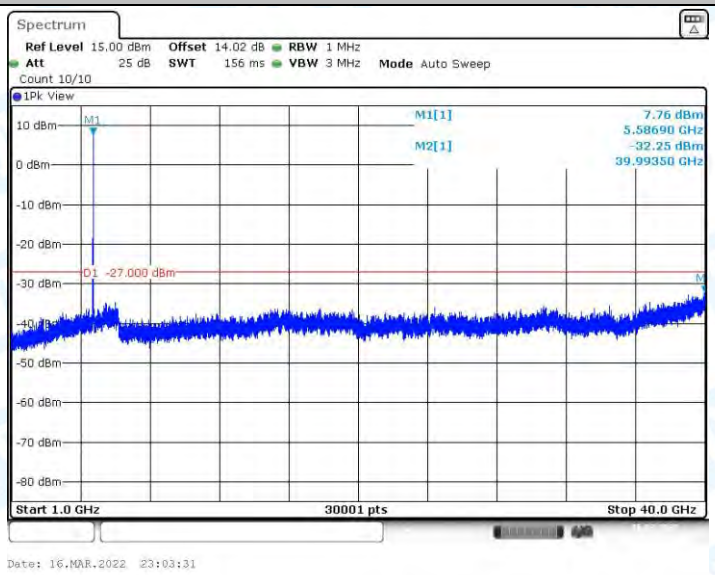

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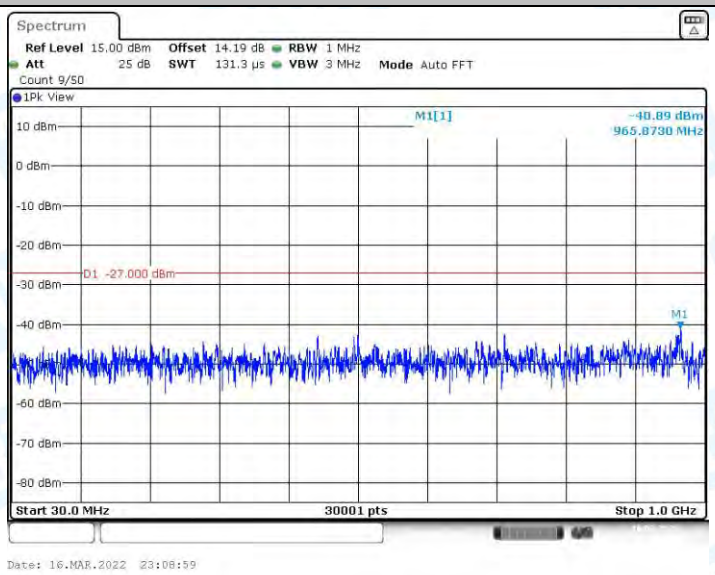

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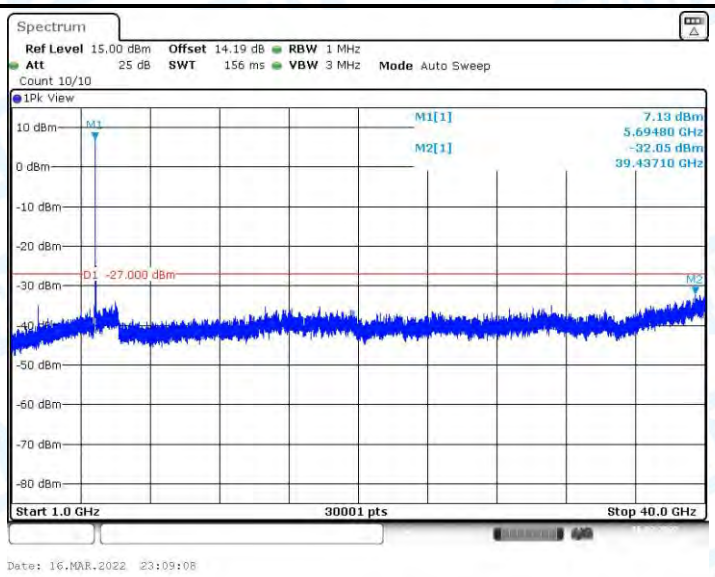

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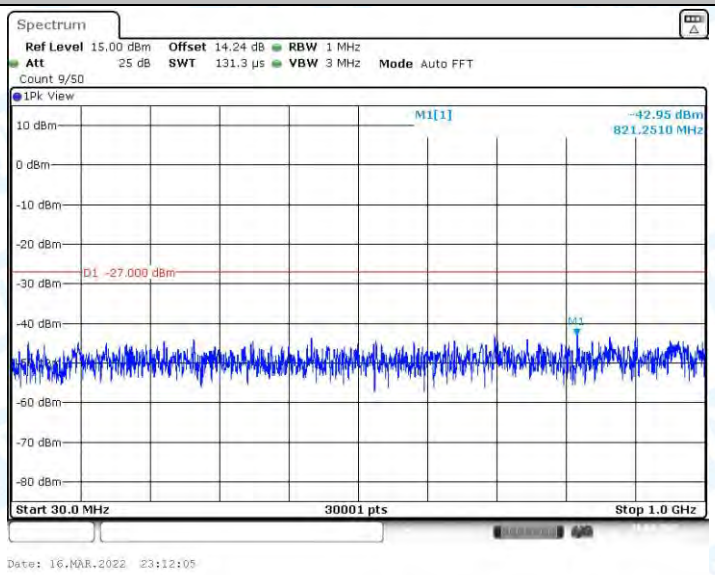

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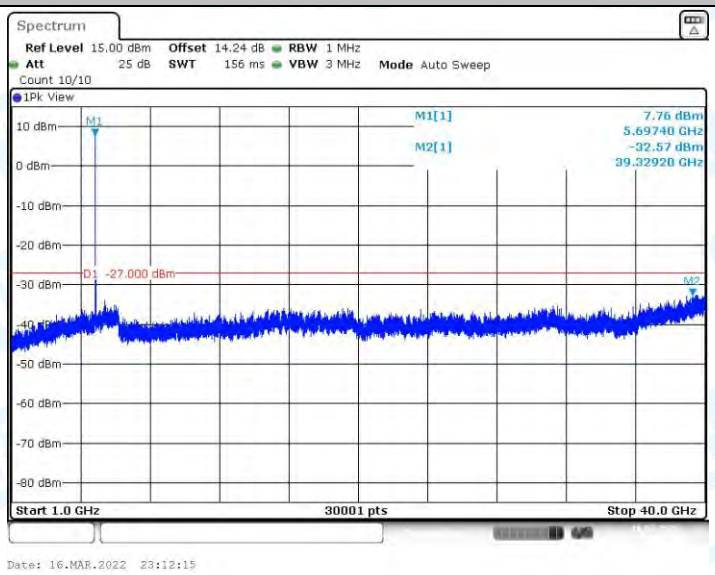

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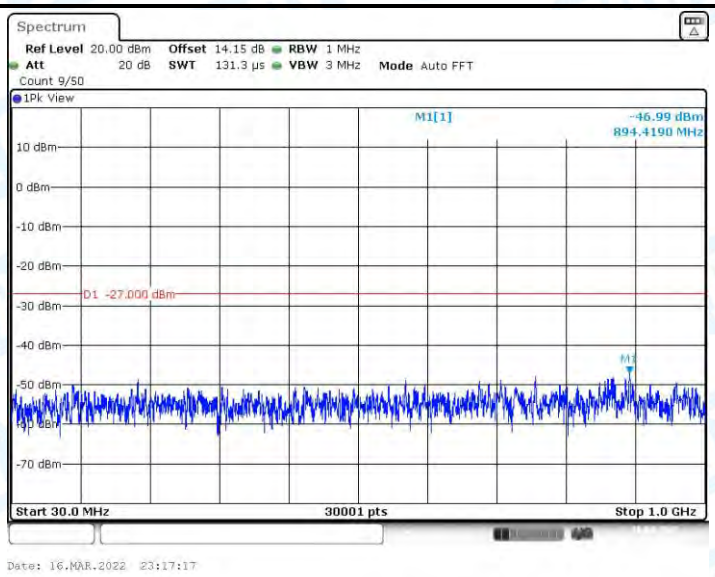

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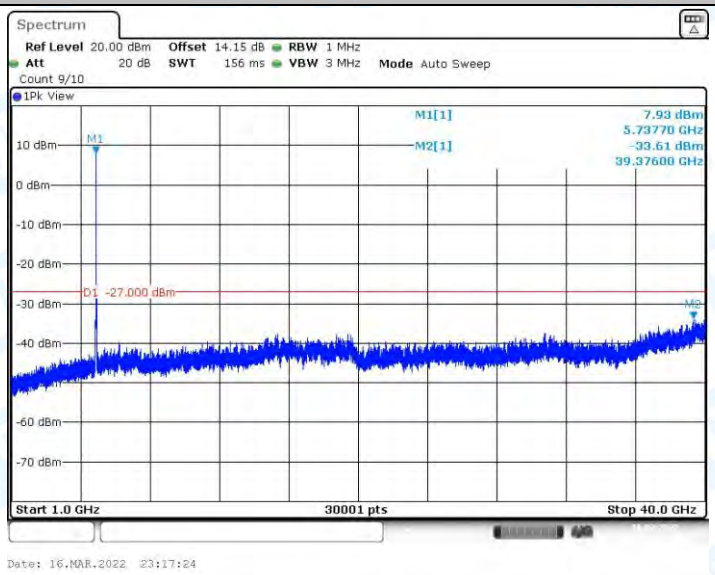

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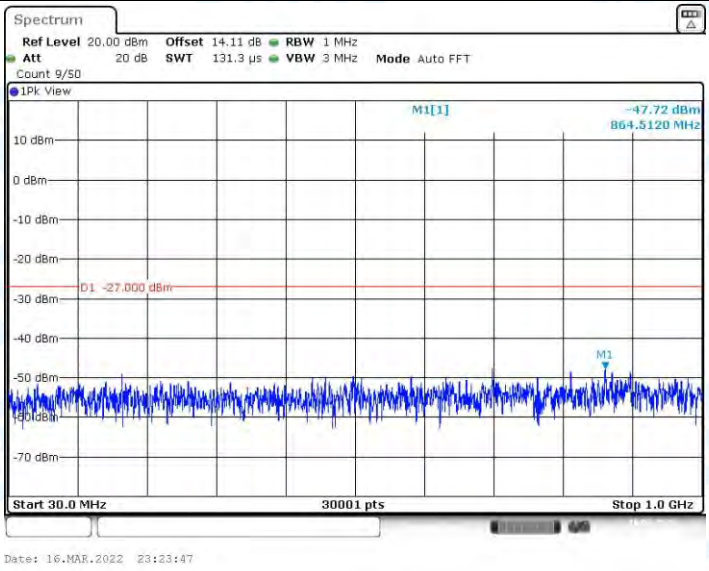

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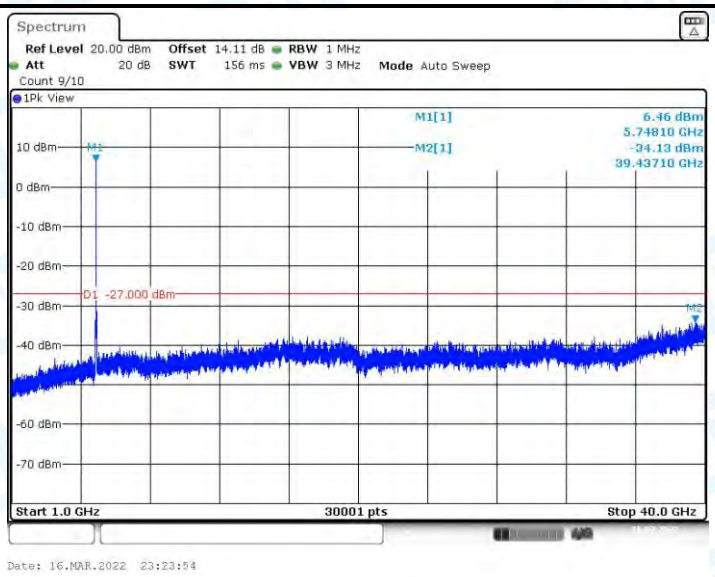

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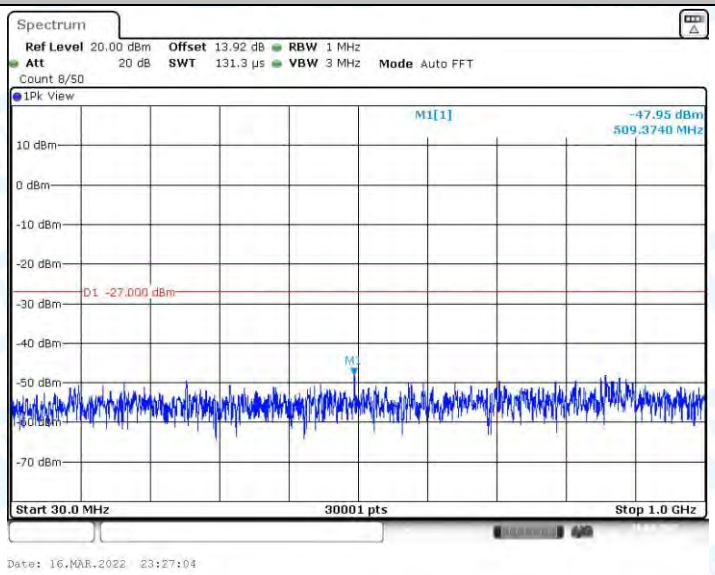

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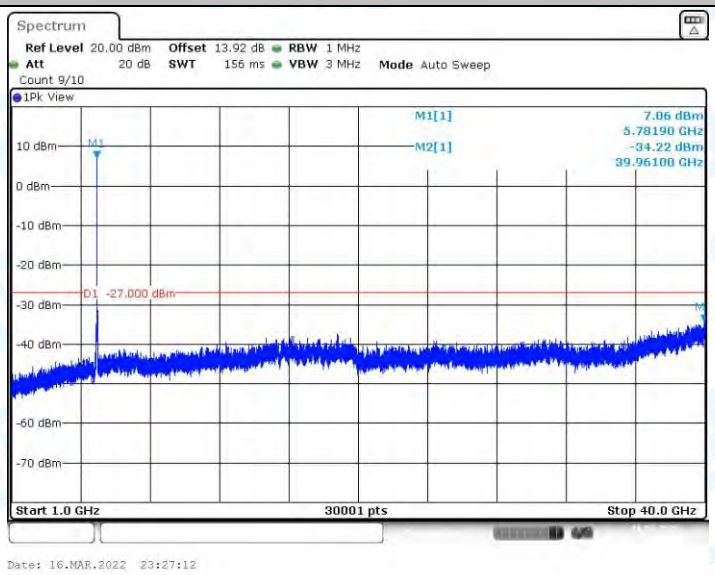

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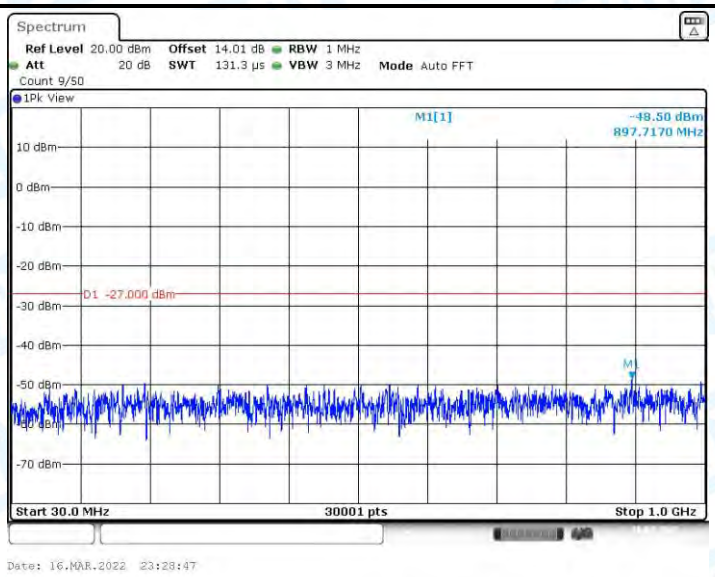

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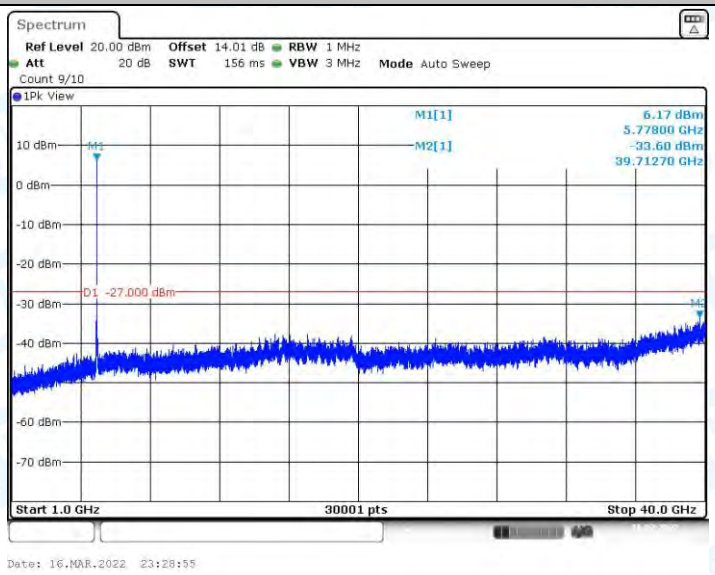

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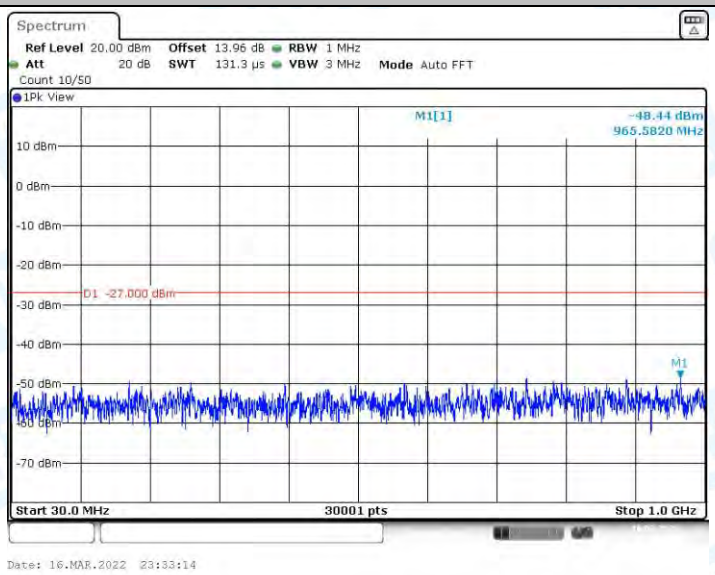

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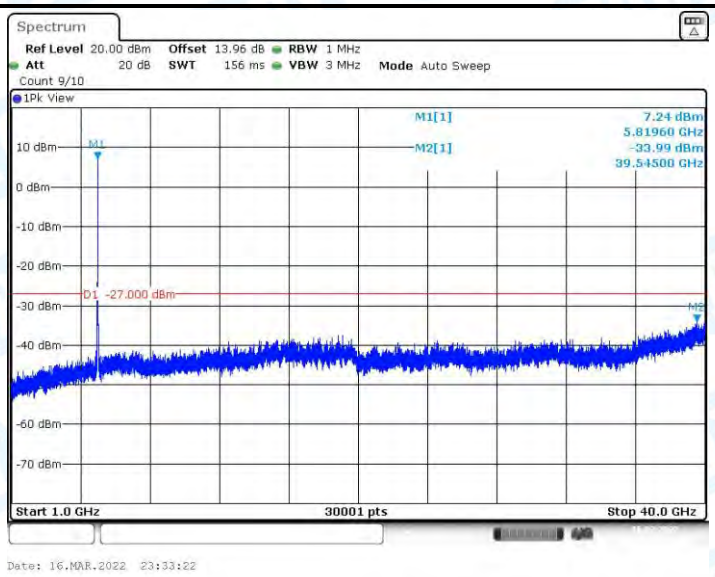

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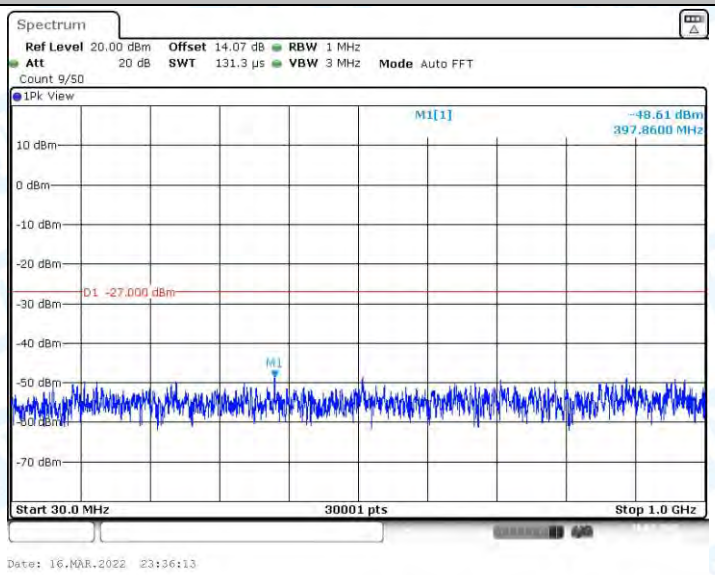

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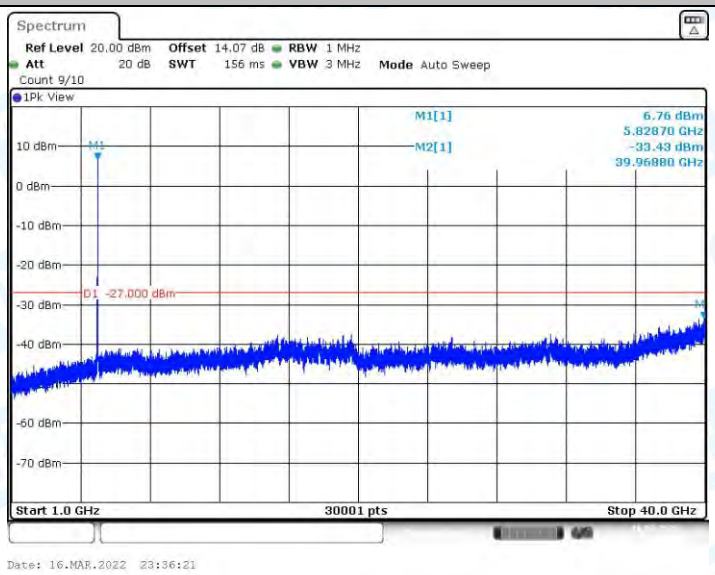

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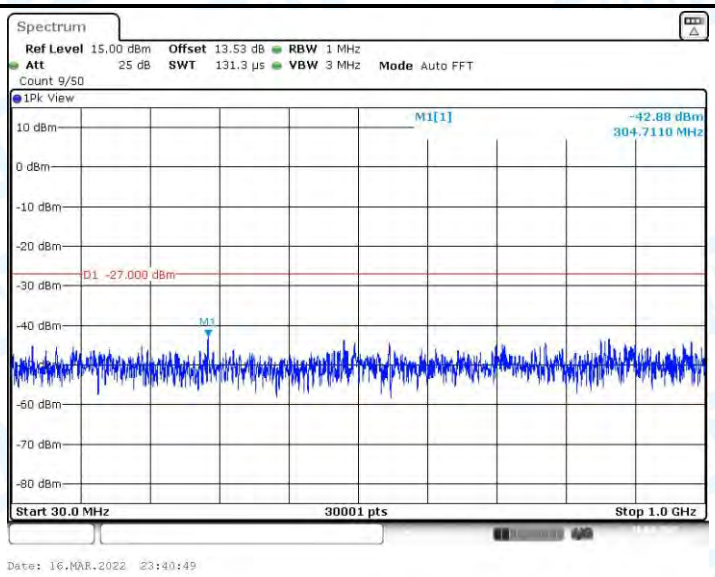
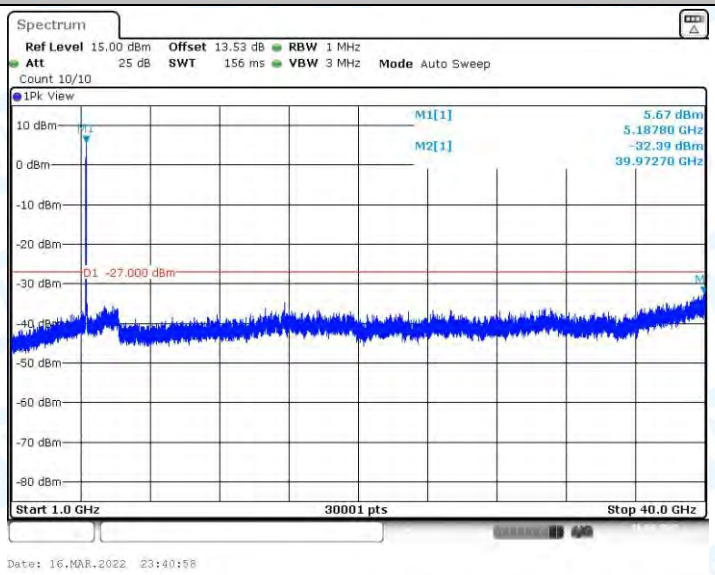


11N20MIMO_Ant1_5180_30~1000



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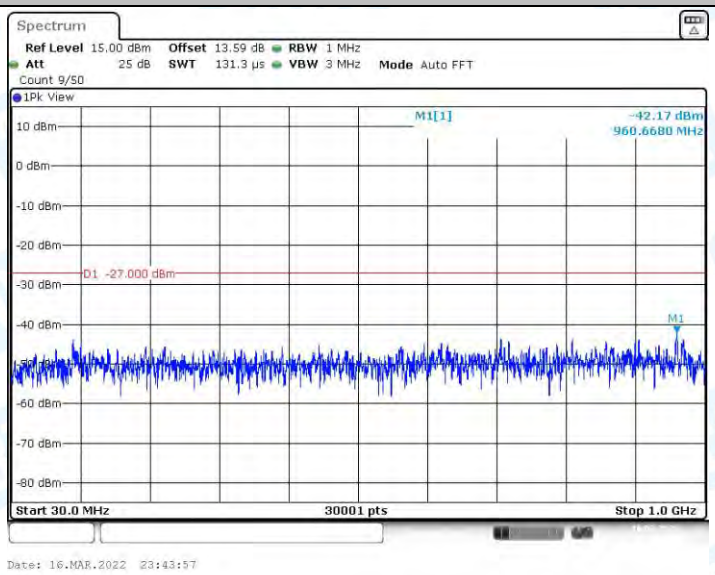

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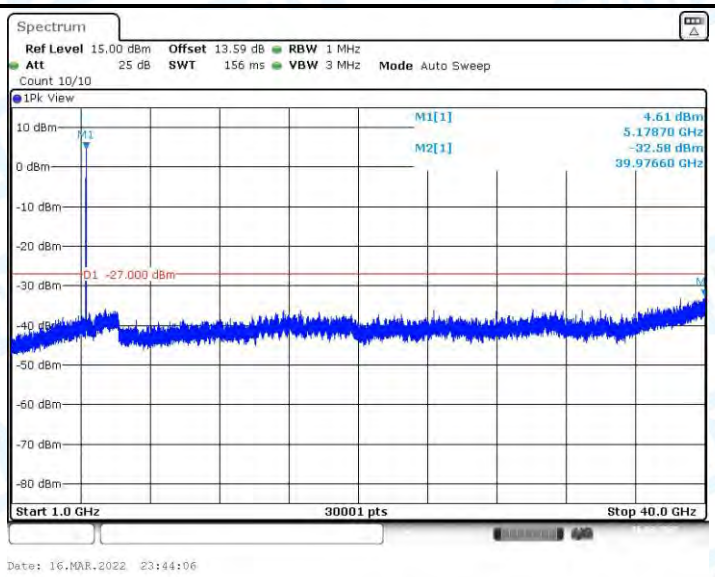

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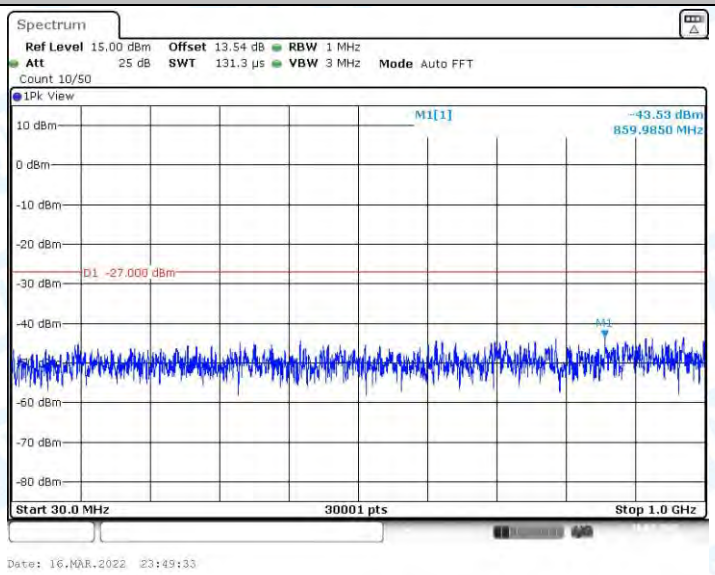

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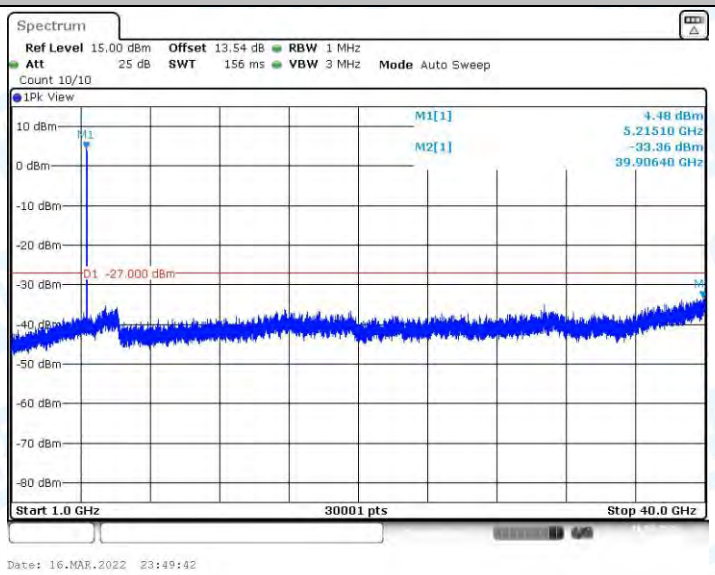

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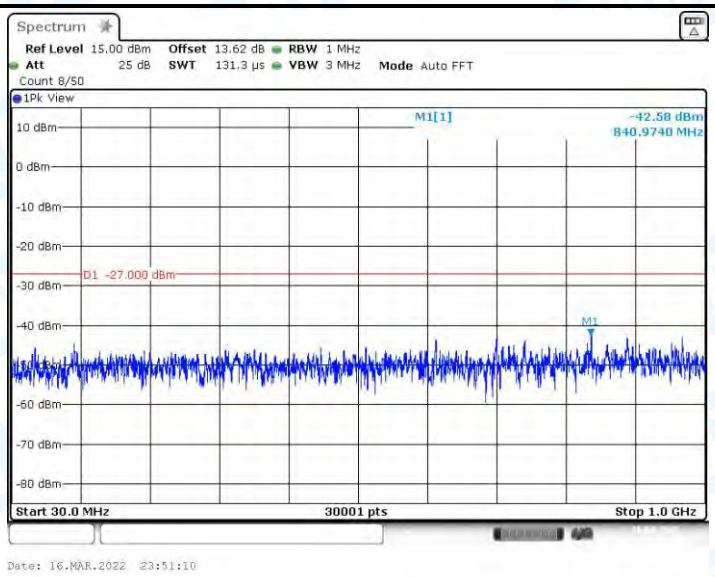

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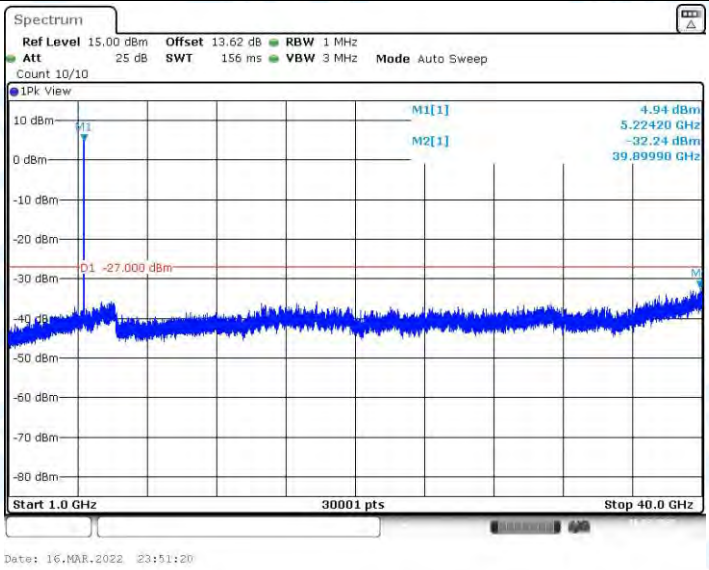

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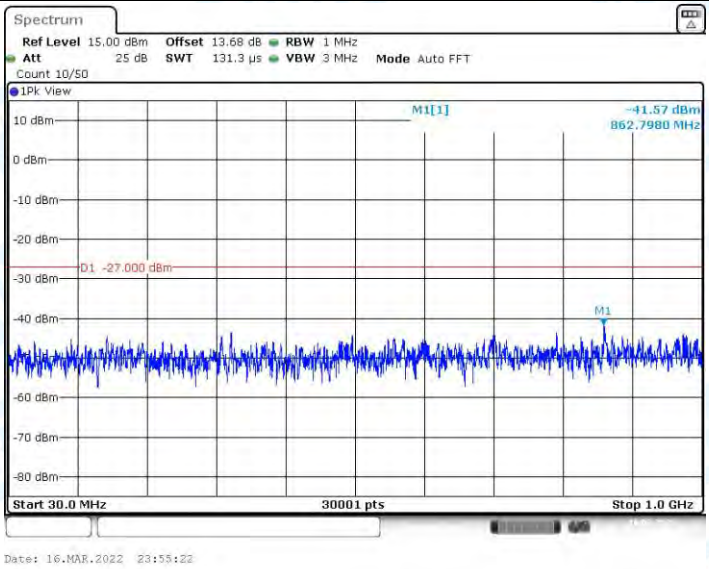

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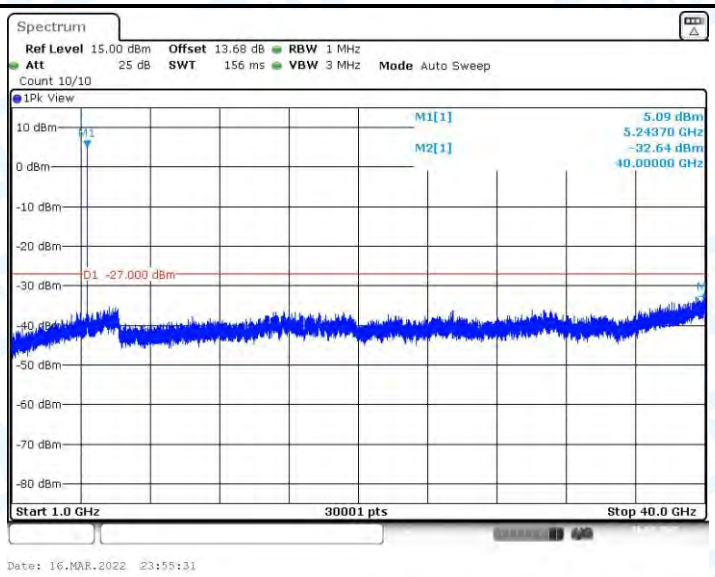

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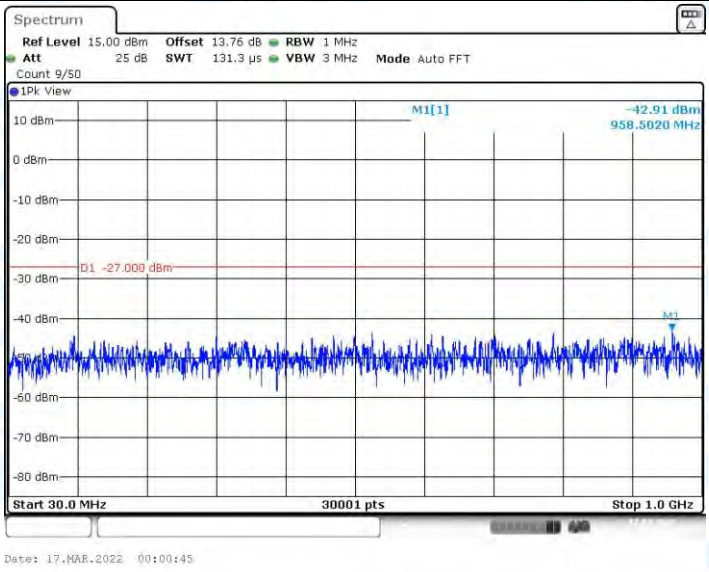

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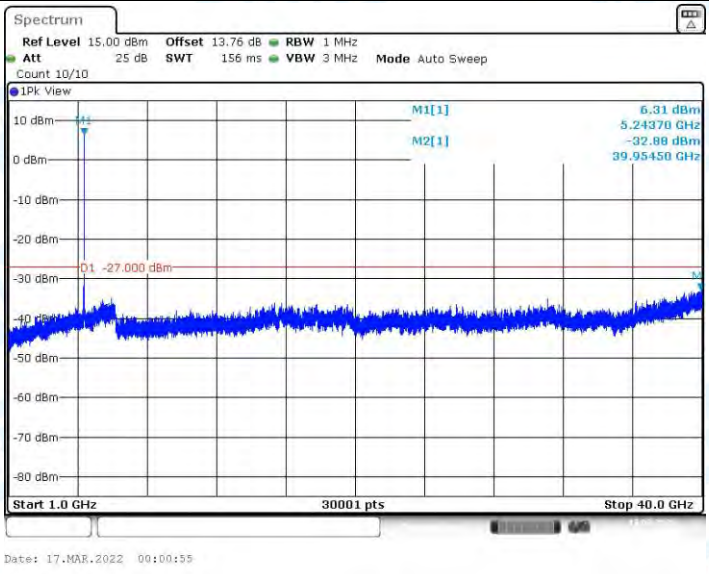

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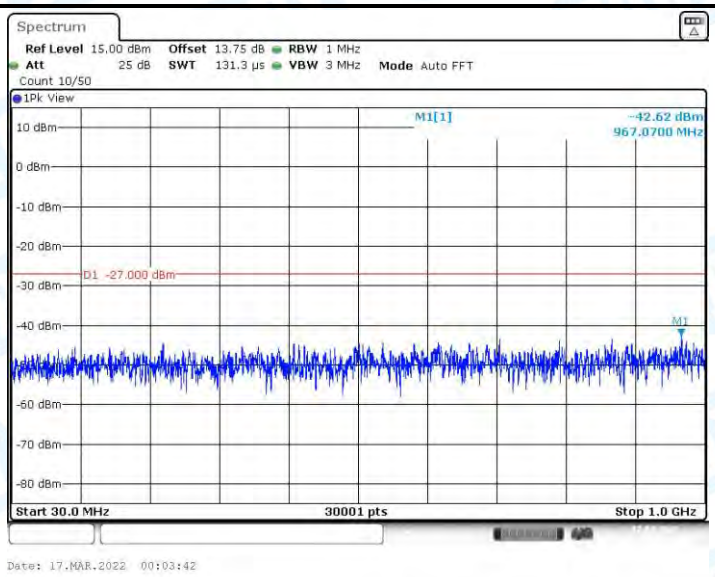

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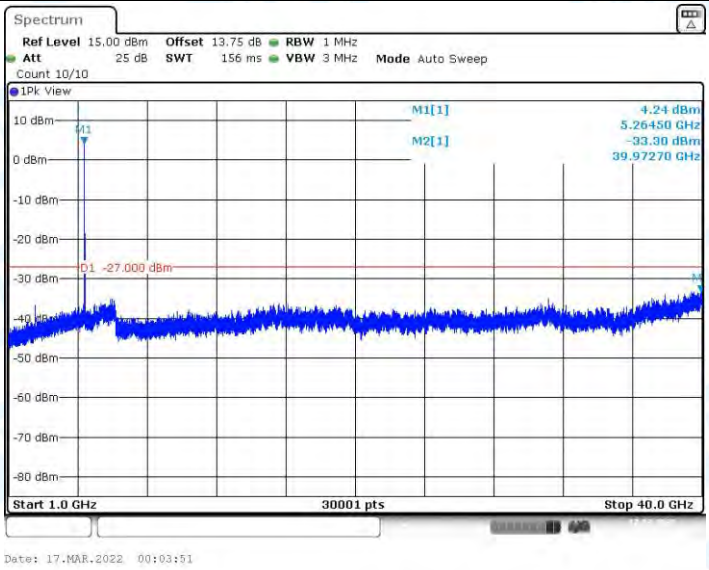

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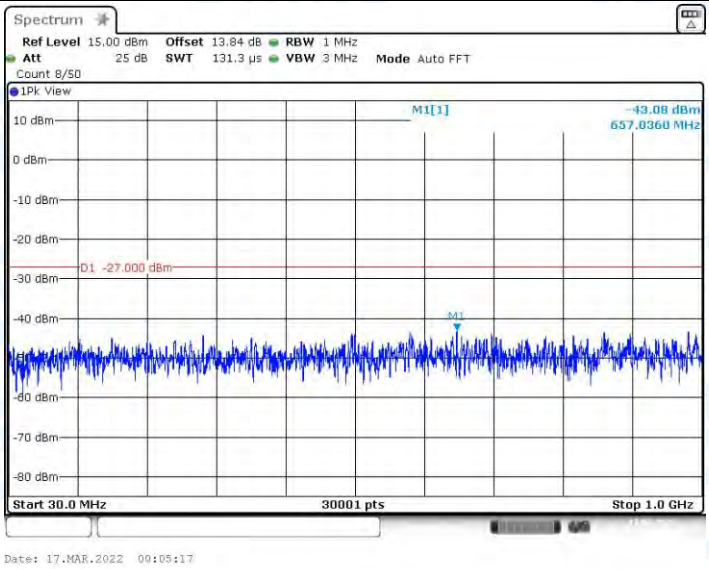

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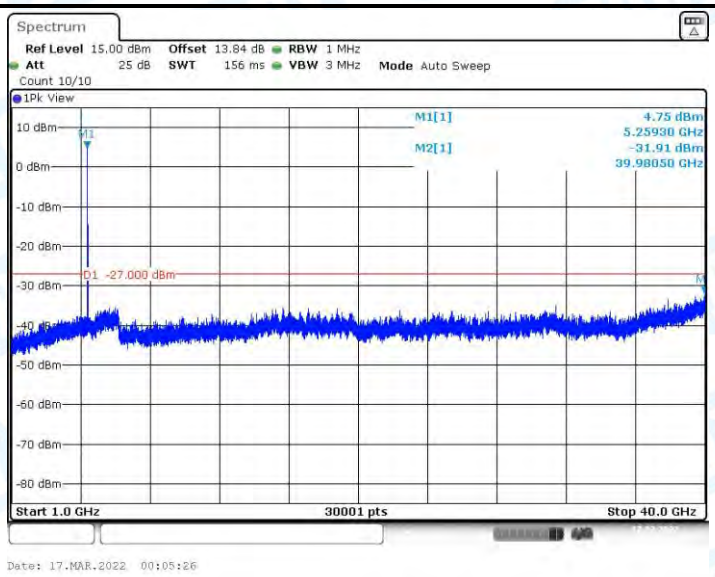

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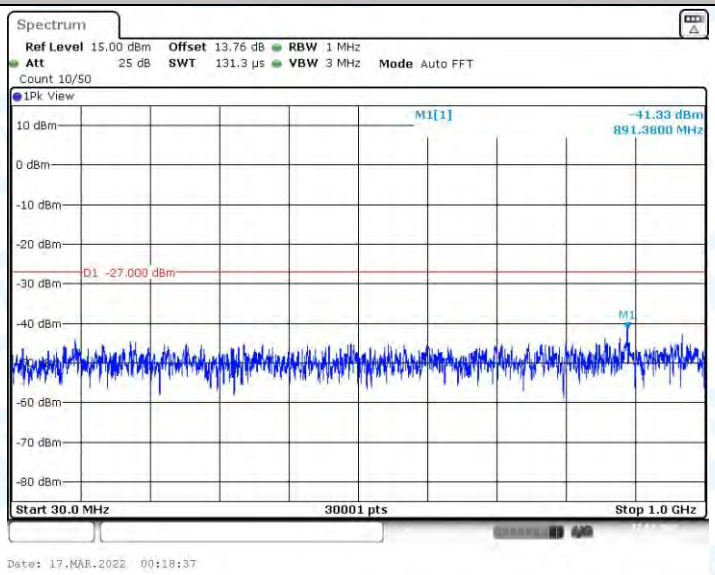

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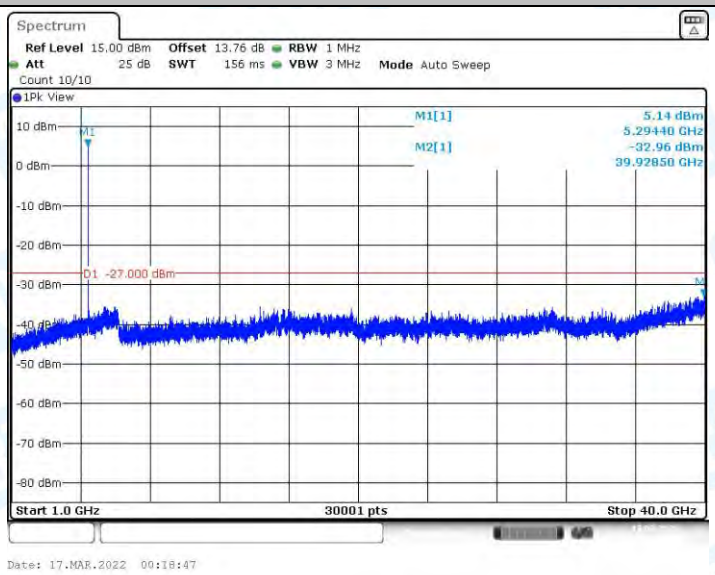

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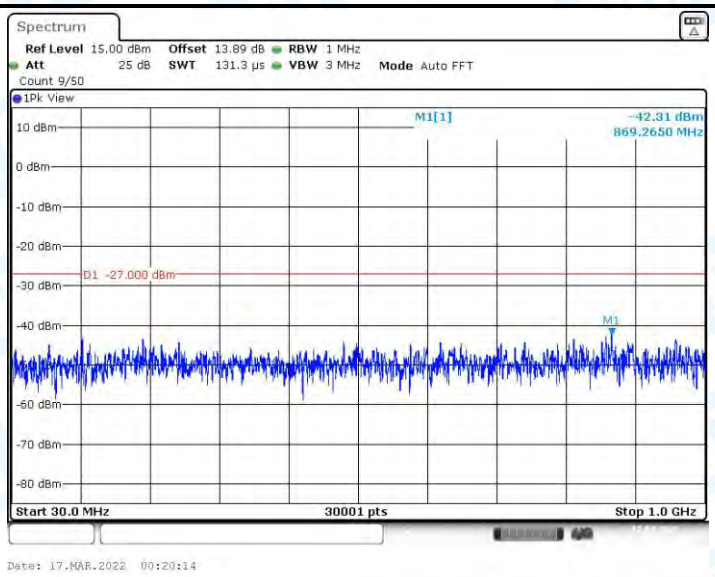

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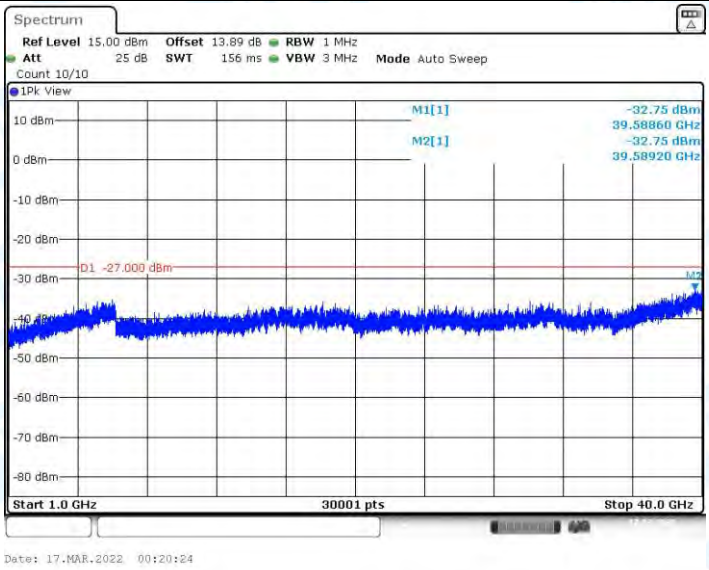

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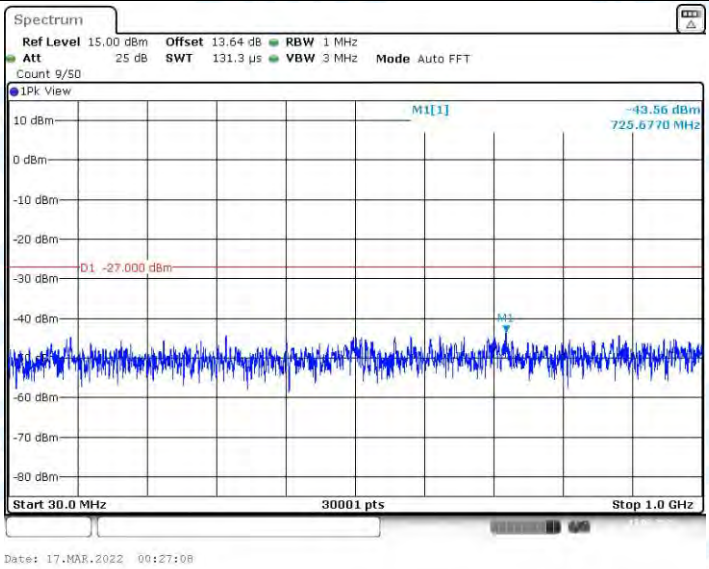

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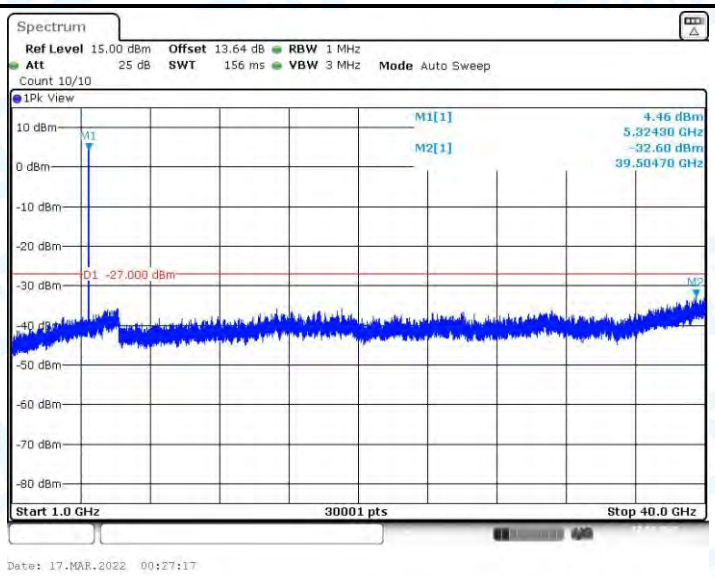

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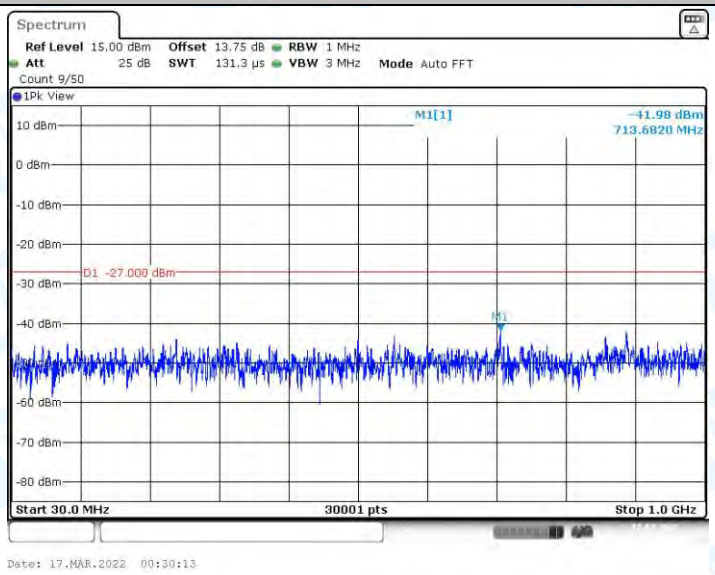

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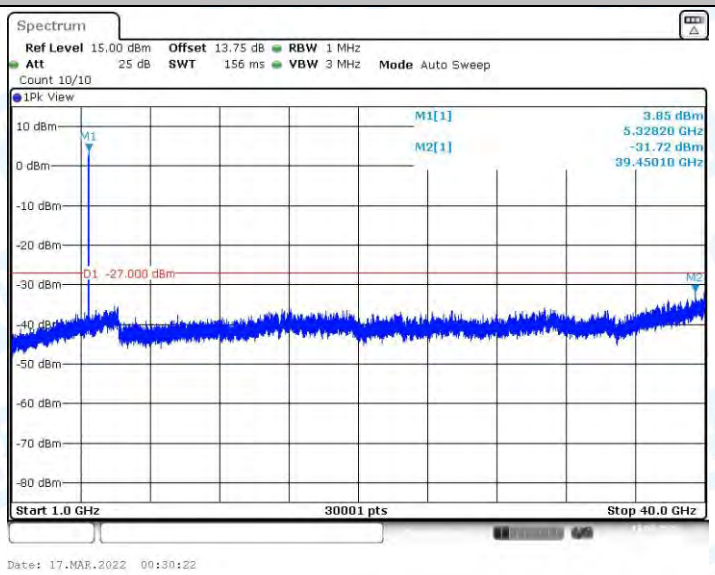

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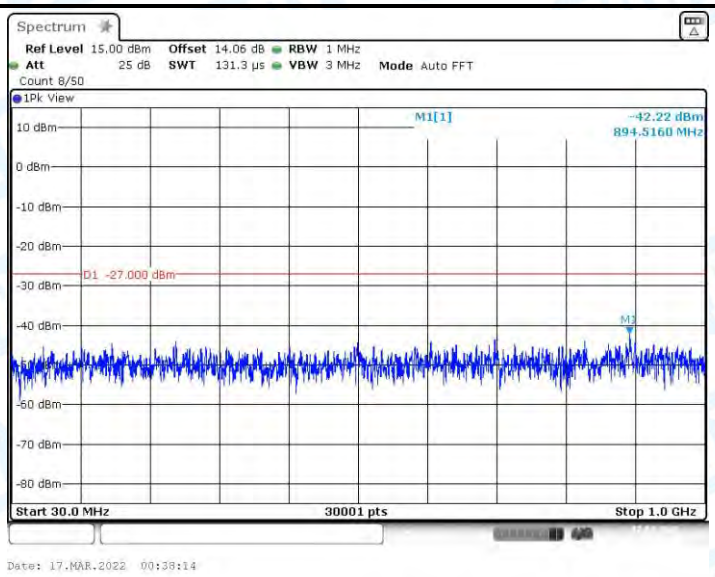

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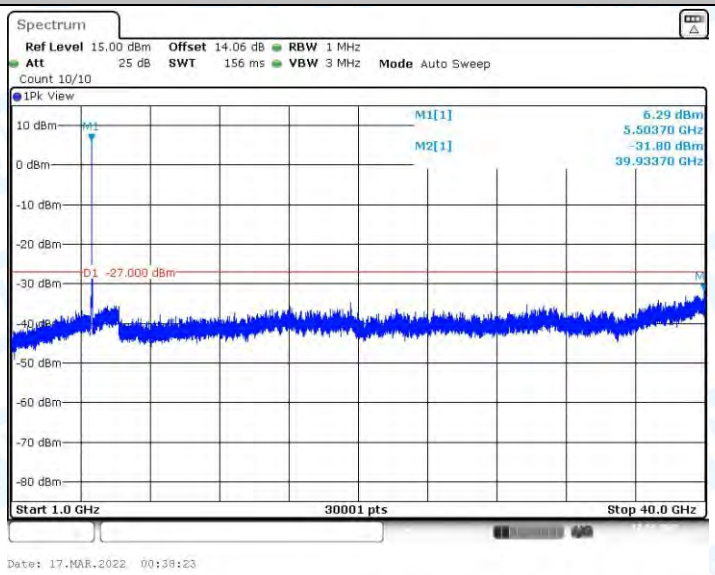

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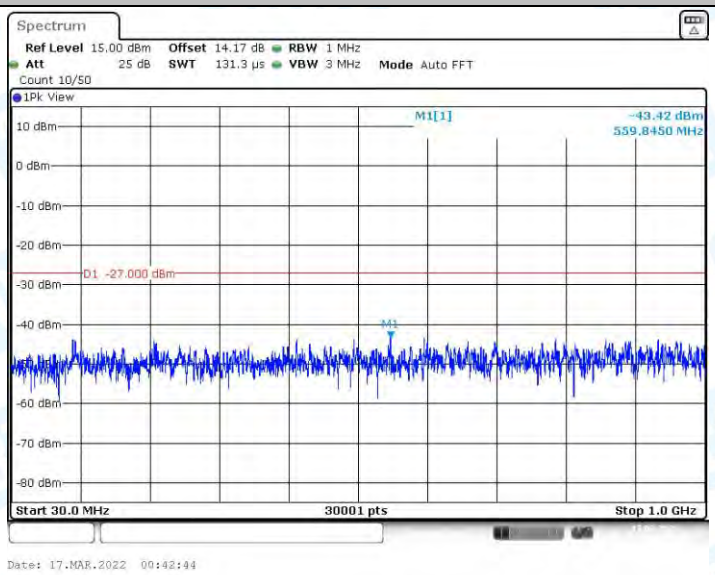

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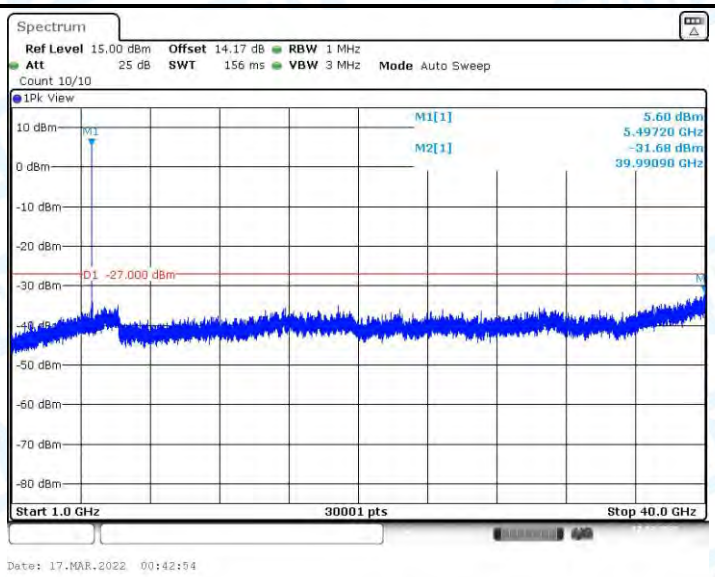

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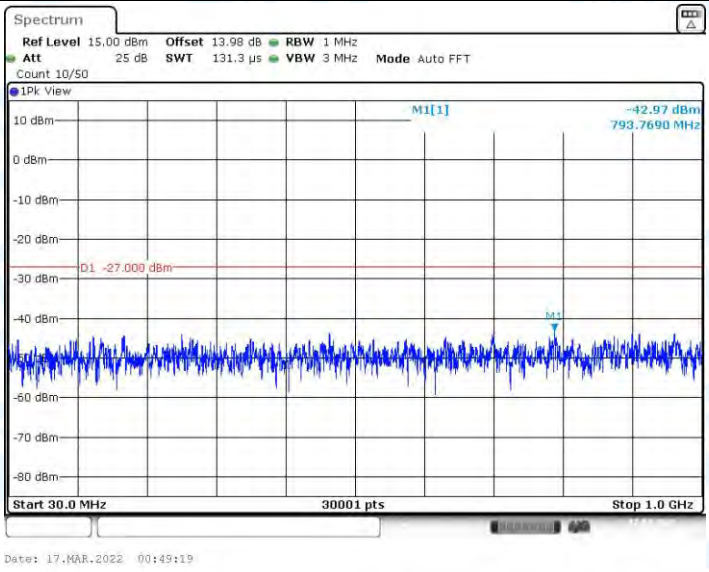

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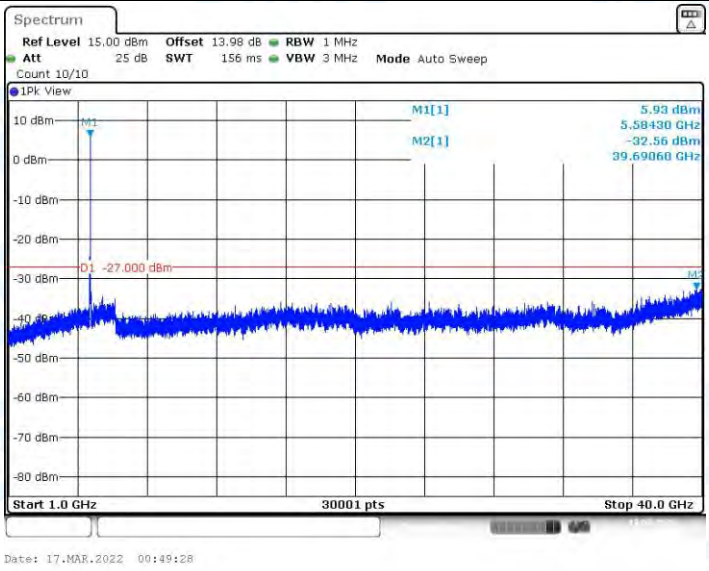

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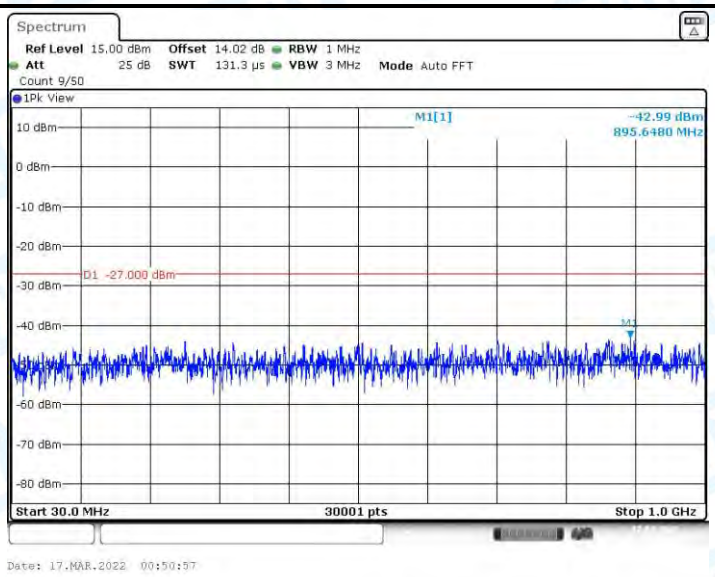

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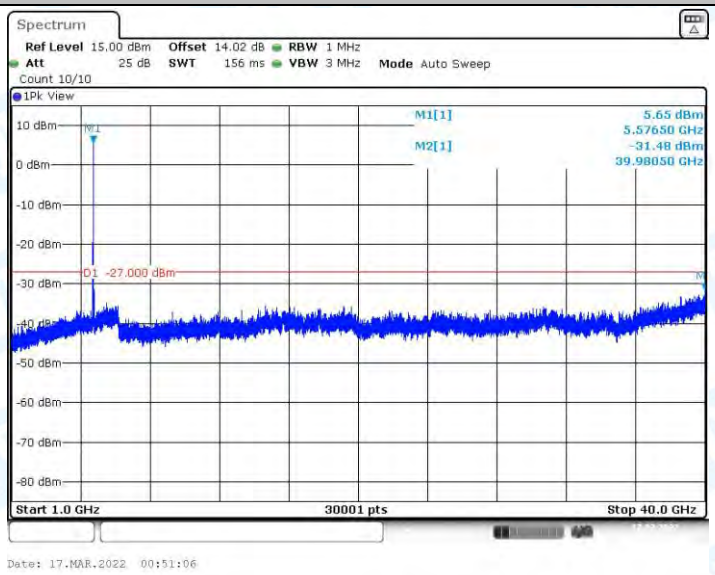

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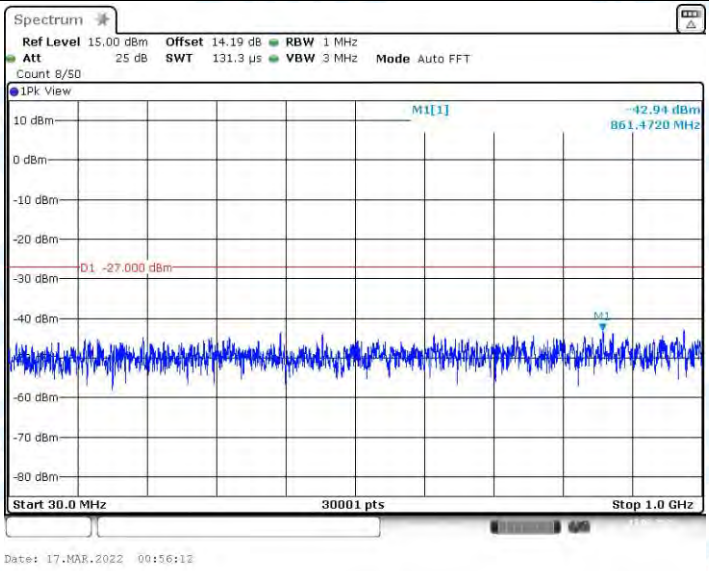

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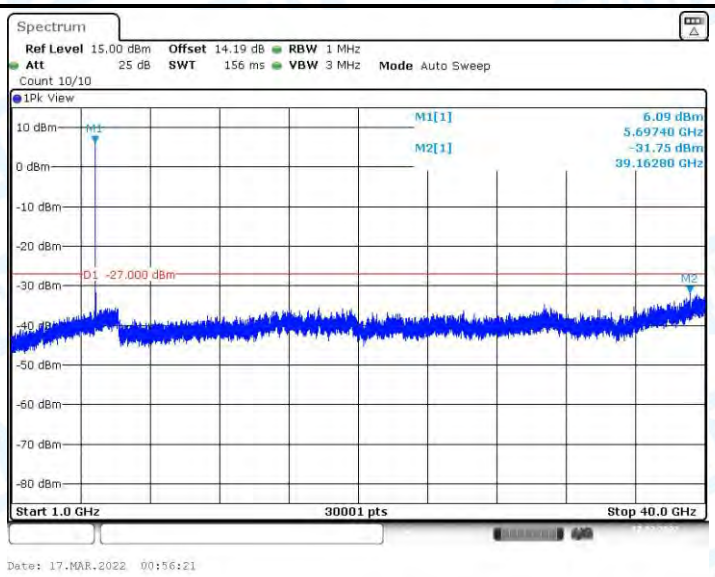

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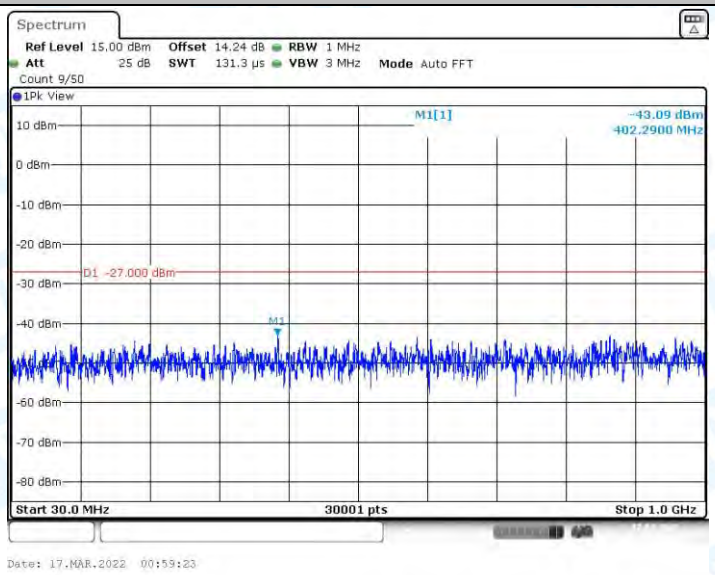

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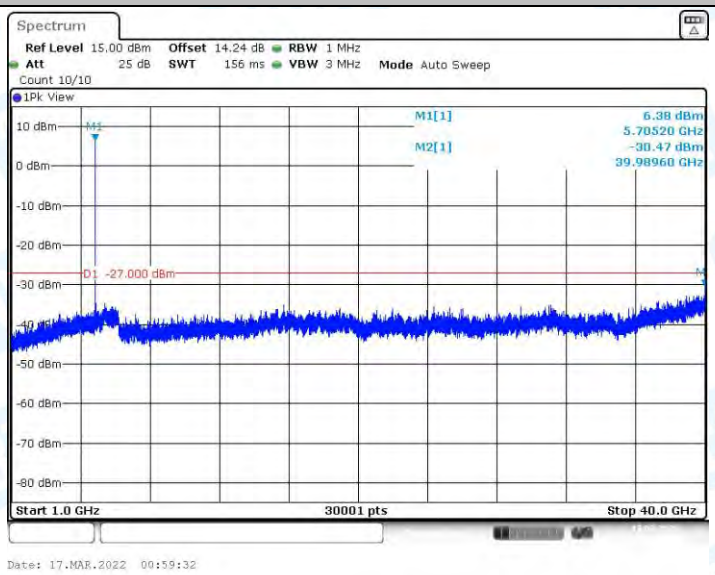
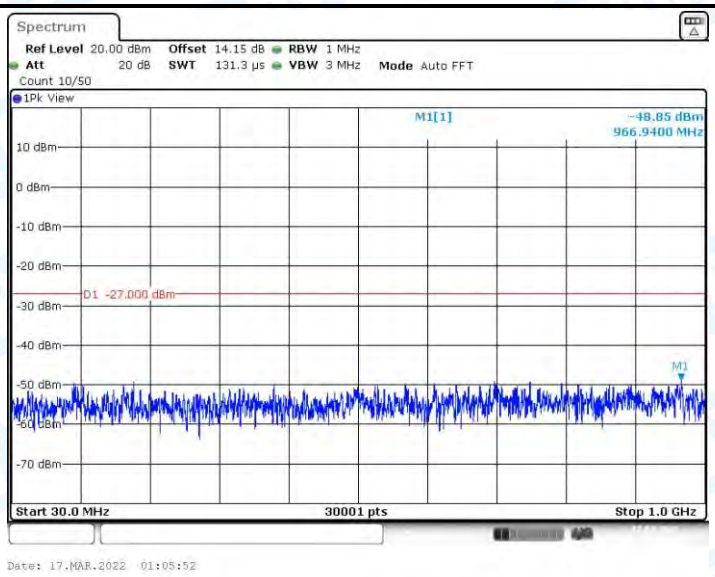
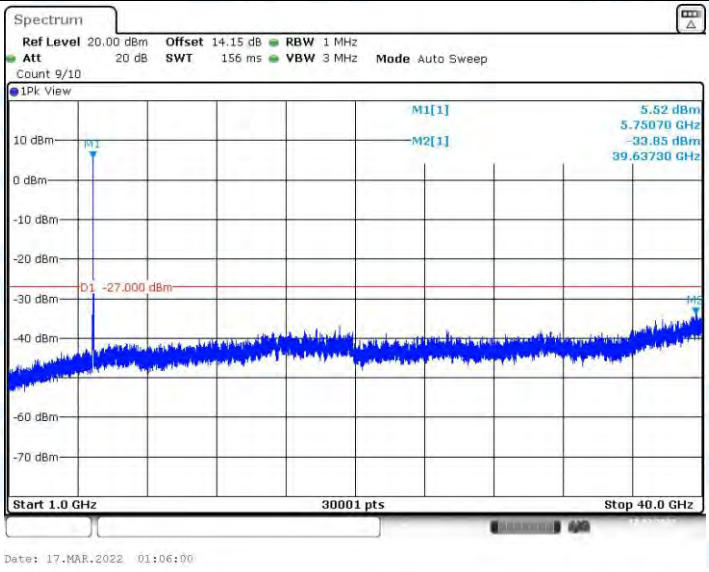


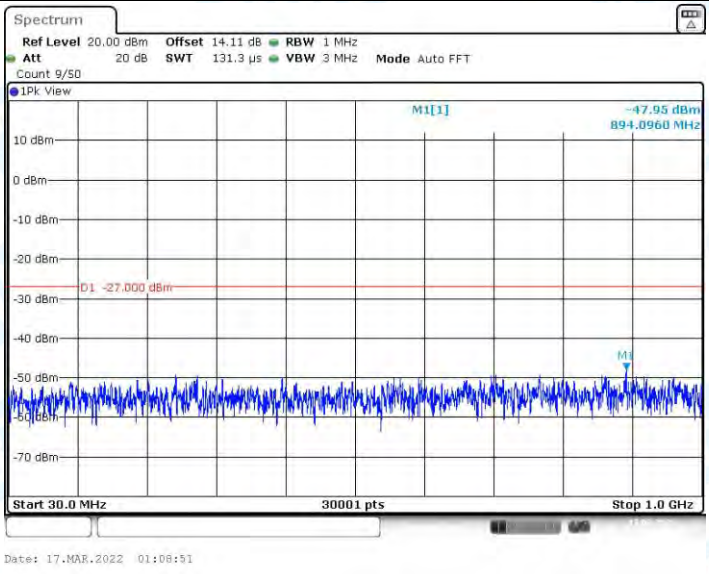
11N20MIMO_Ant2_5700_1000~40000



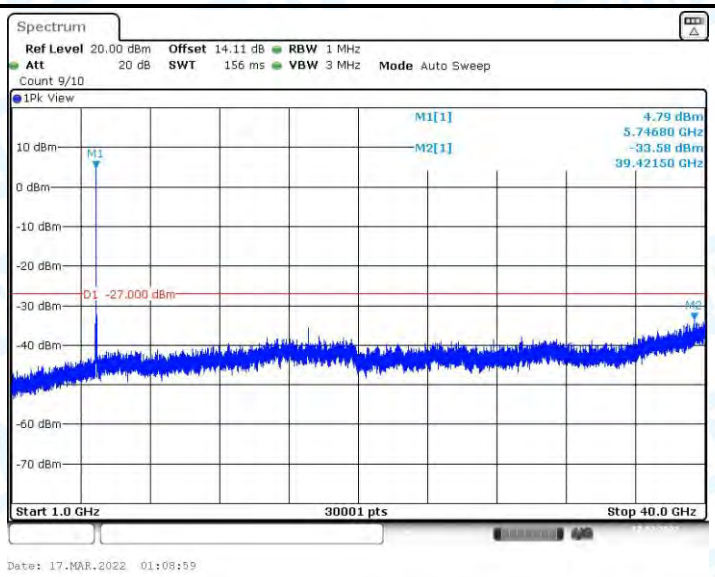
11N20MIMO_Ant1_5745_30~1000



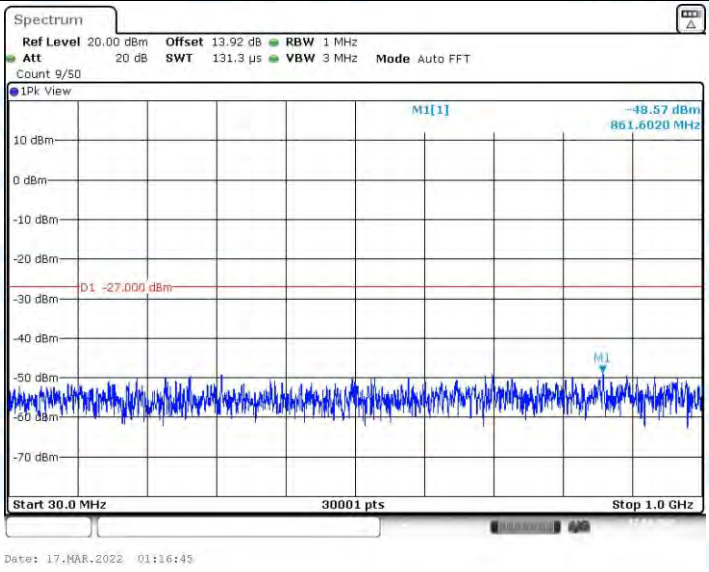
11N20MIMO_Ant1_5745_1000~40000



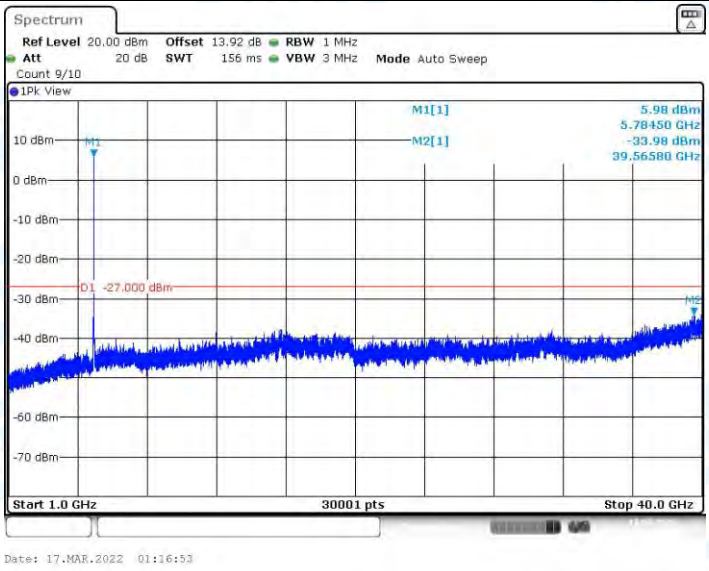
11N20MIMO_Ant2_5745_30~1000



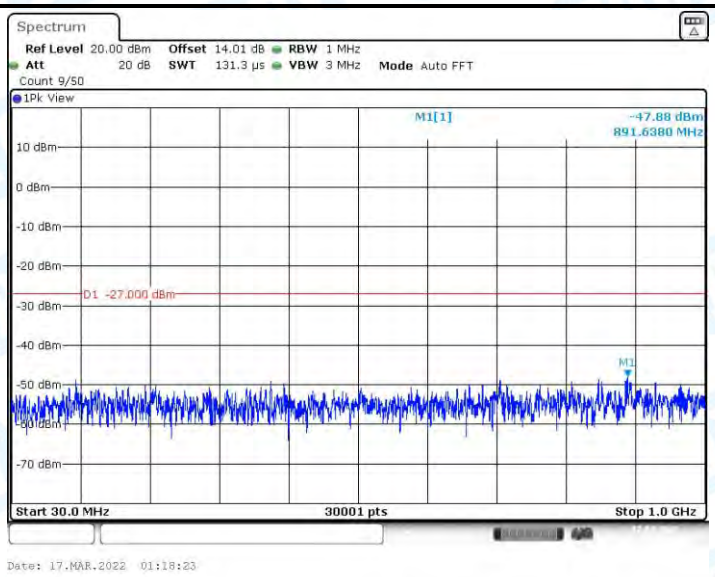
11N20MIMO_Ant2_5745_1000~40000



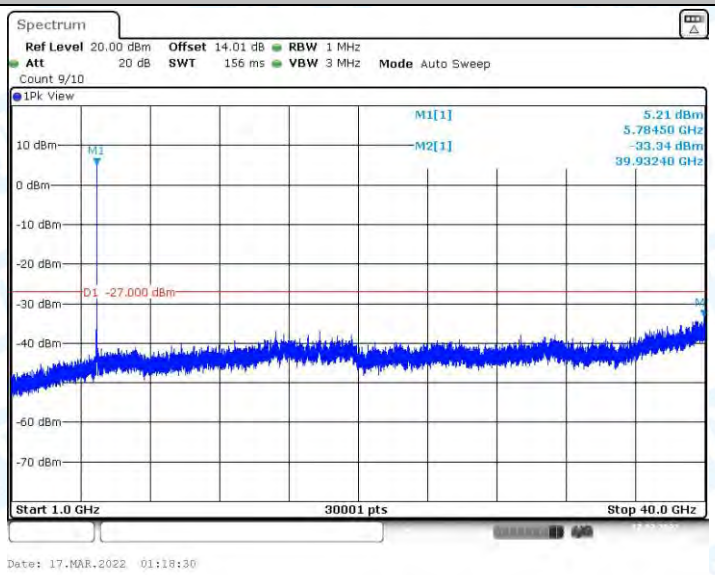
11N20MIMO_Ant1_5785_30~1000



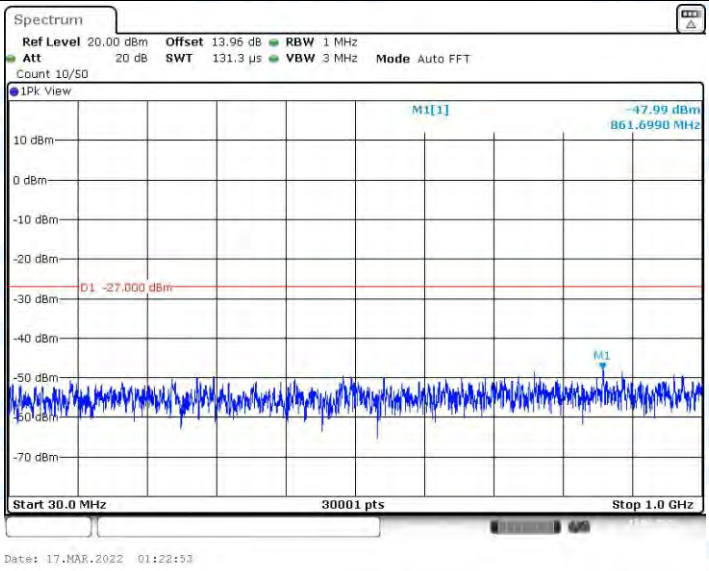
11N20MIMO_Ant1_5785_1000~40000



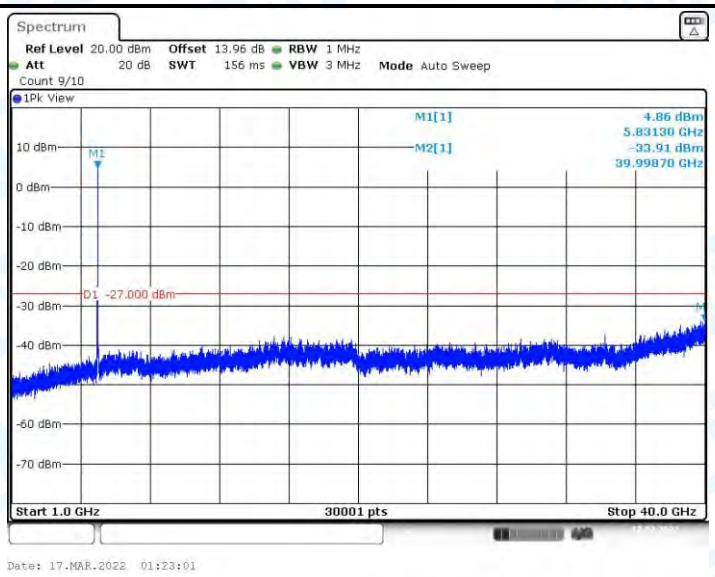
11N20MIMO_Ant2_5785_30~1000



11N20MIMO_Ant2_5785_1000~40000



11N20MIMO_Ant1_5825_30~1000



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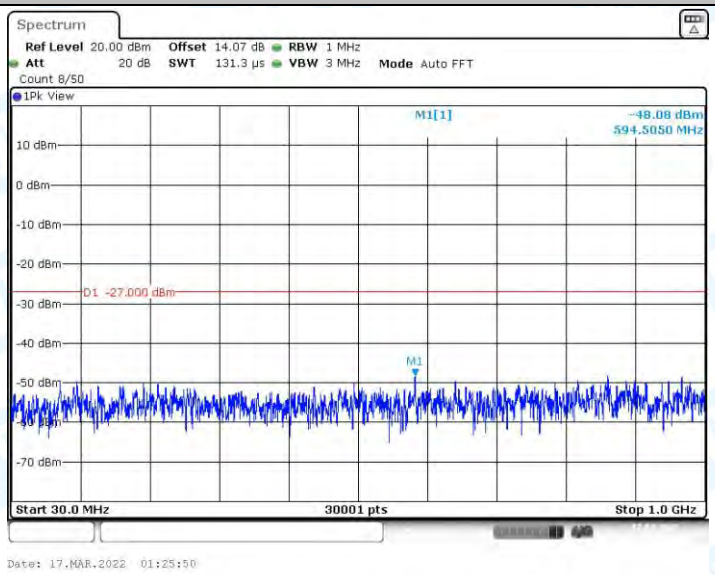

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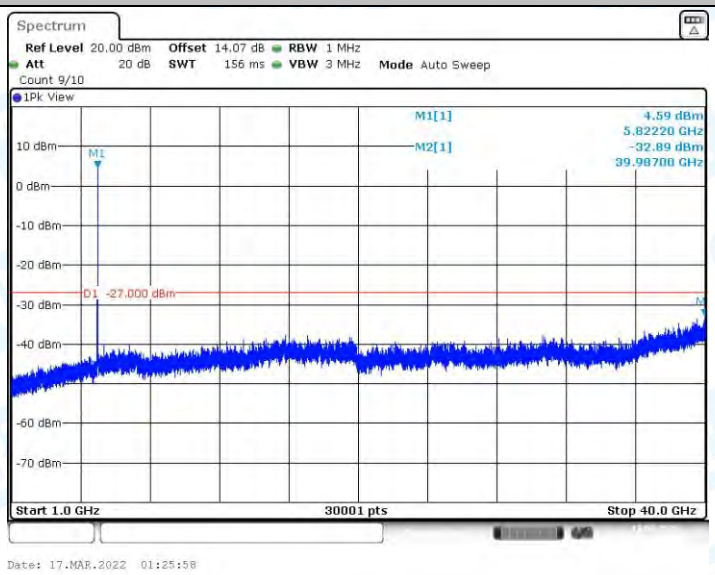
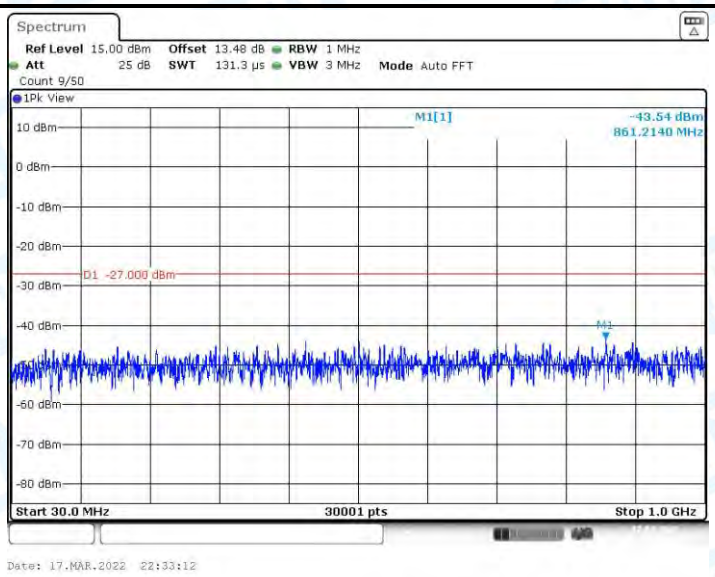
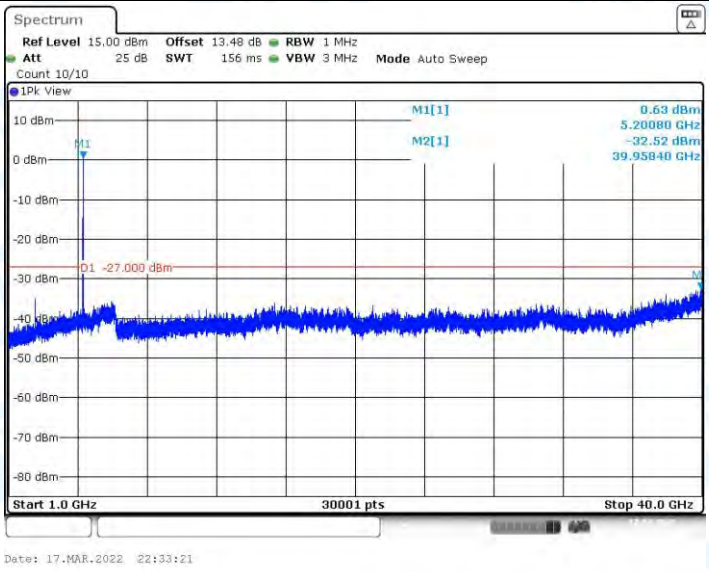


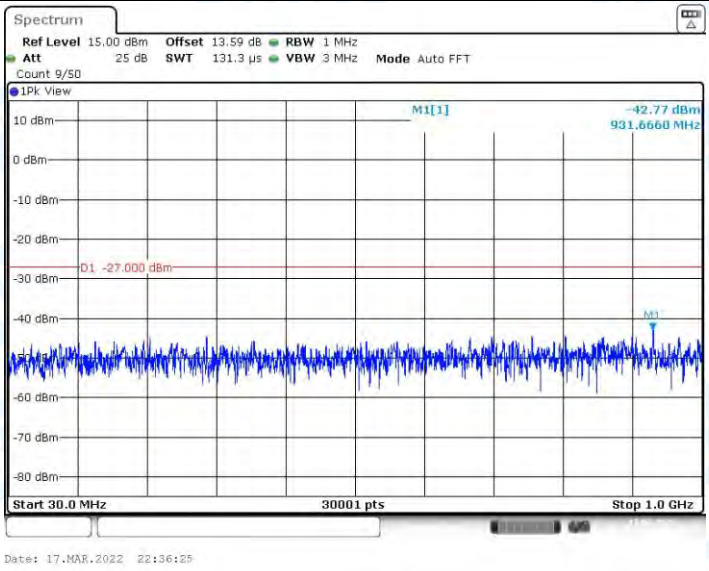
11N20MIMO_Ant2_5825_1000~40000



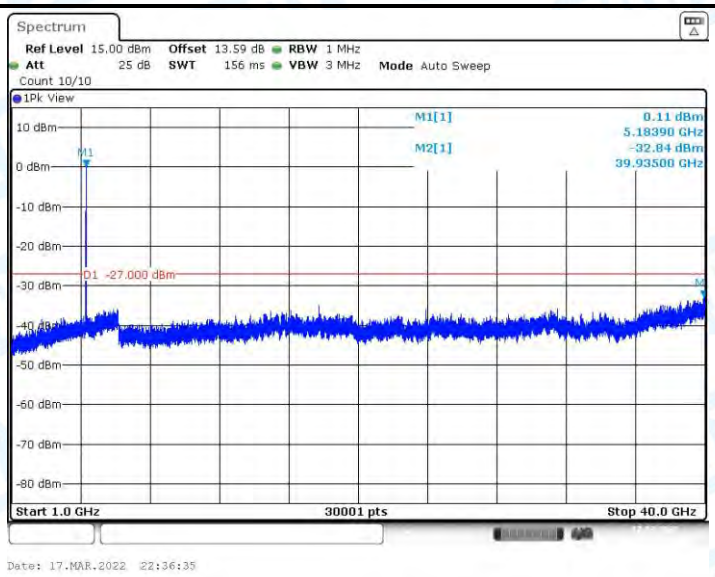
11N40MIMO_Ant1_5190_30~1000



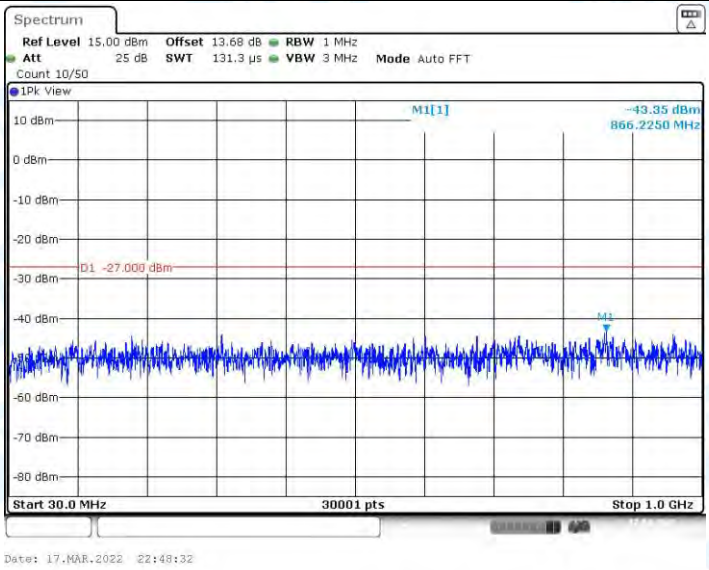
11N40MIMO_Ant1_5190_1000~40000



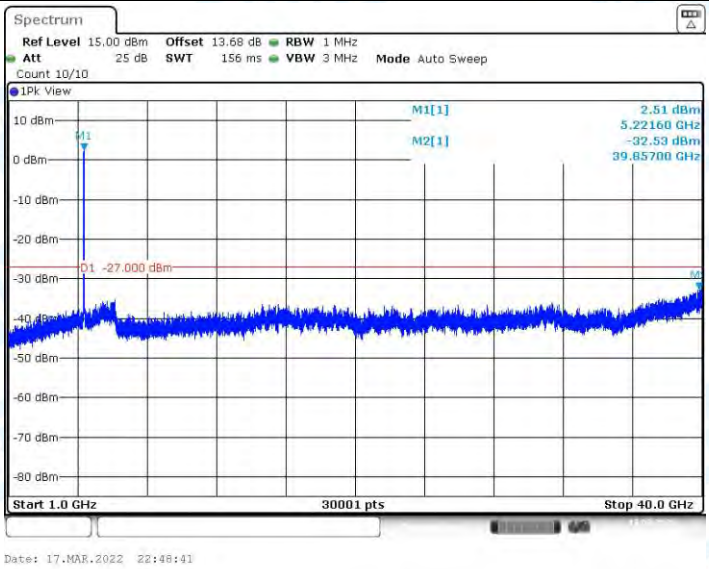
11N40MIMO_Ant2_5190_30~1000



11N40MIMO_Ant2_5190_1000~40000



11N40MIMO_Ant1_5230_30~1000



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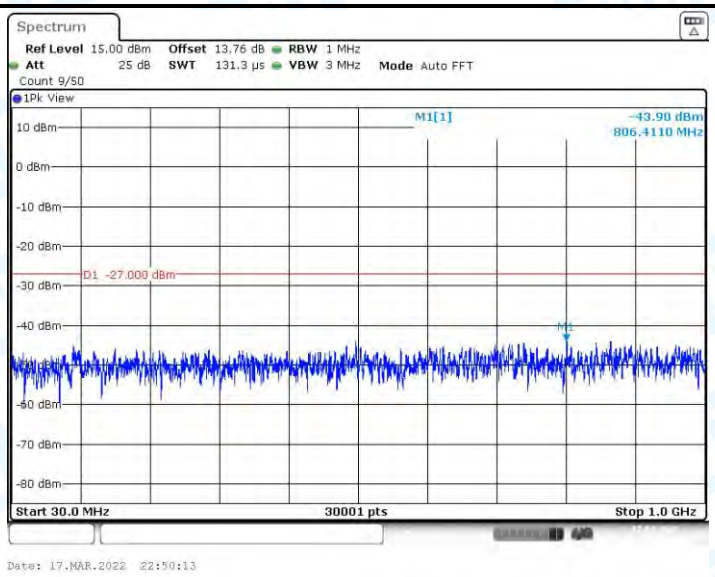

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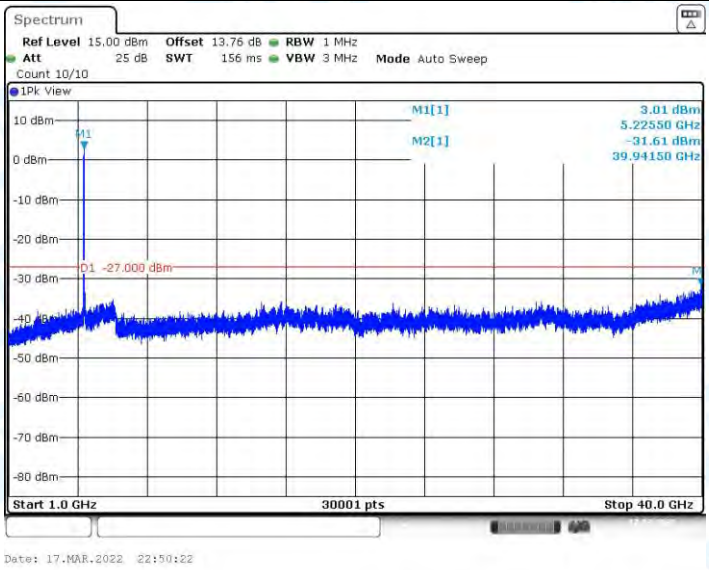

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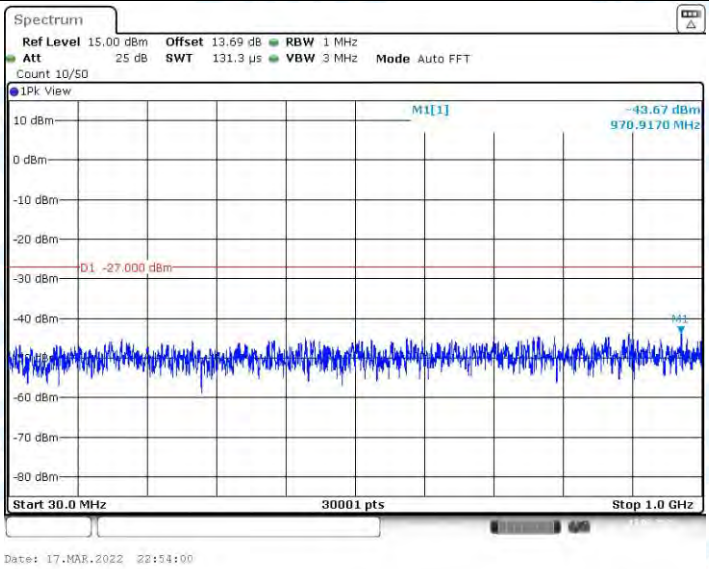

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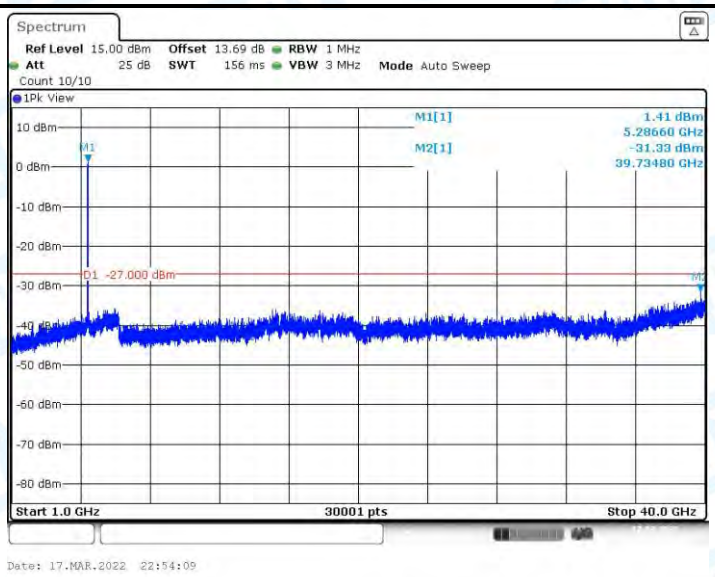
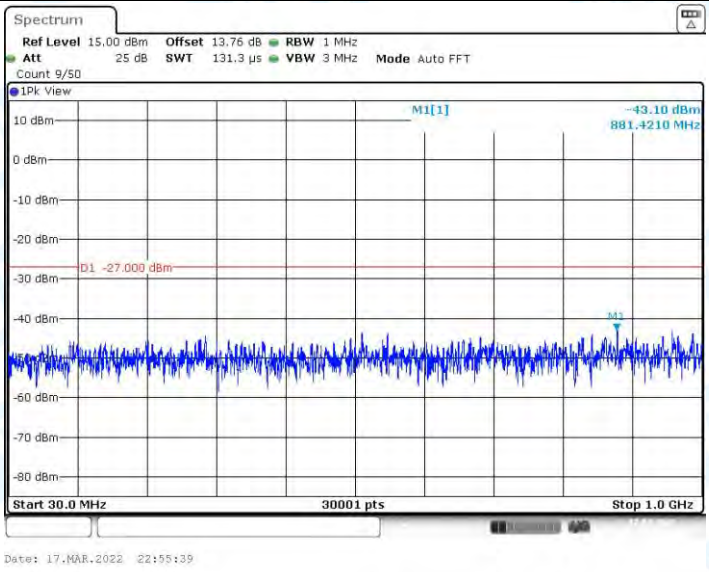


11N40MIMO_Ant1_5270_1000~40000



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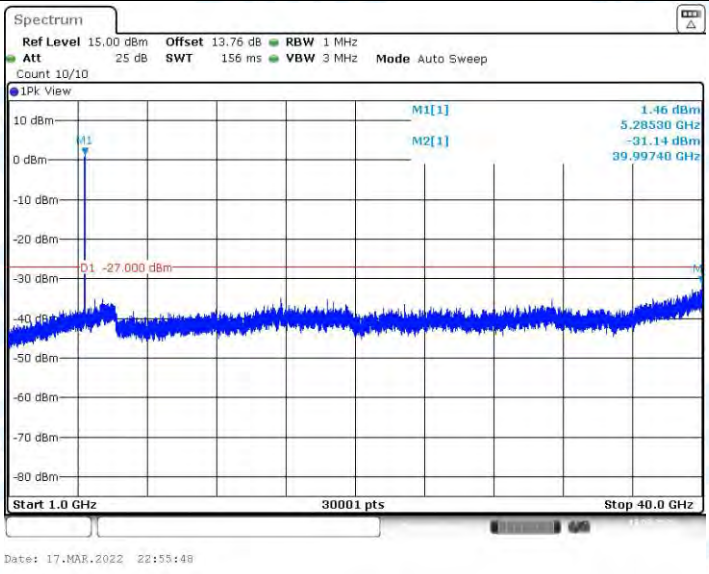

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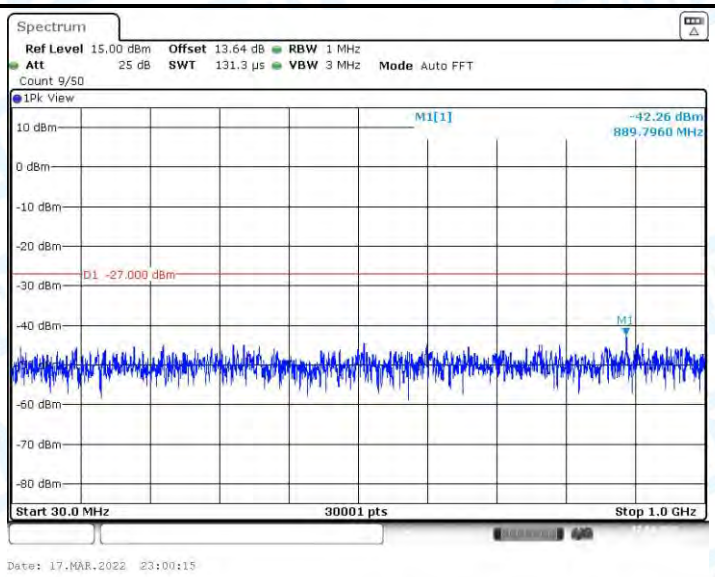
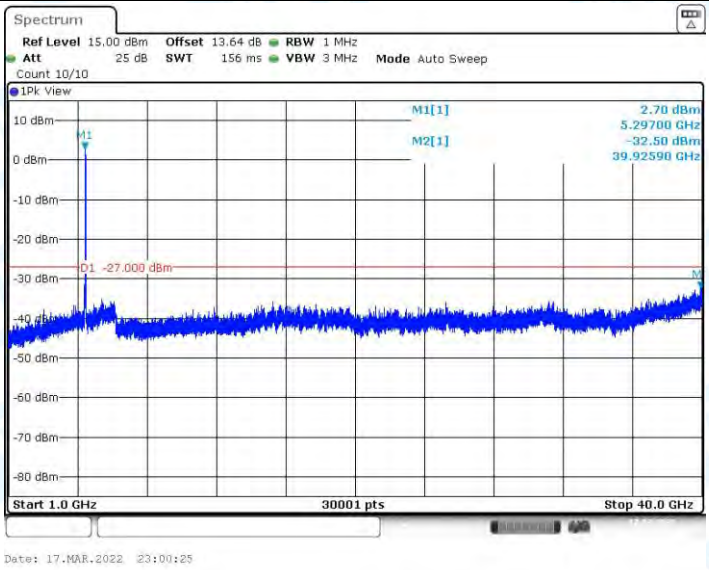


11N40MIMO_Ant1_5310_30~1000



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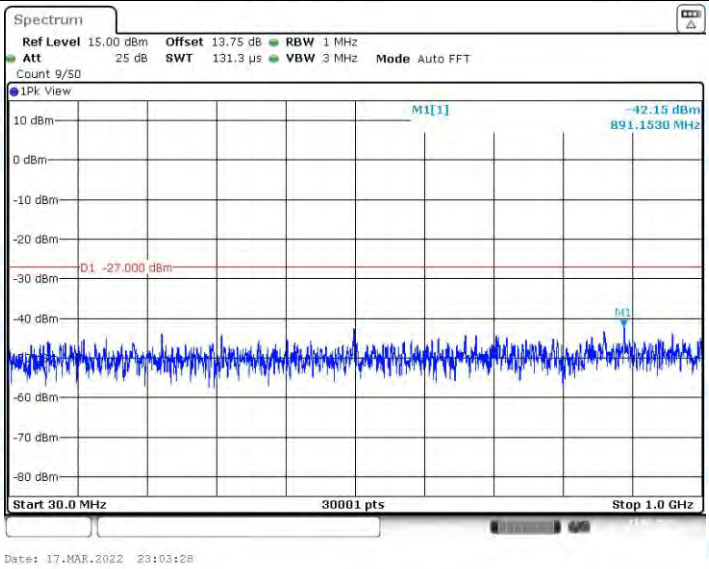

11N40MIMO_Ant2_5310_30~1000