6. Conducted Spurious Emission

6.1.Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	30~1000	762.7	-48.45	≤-27	PASS
			1000~40000	39524.2	-34.19	≤-27	PASS
	Ant2	5180	30~1000	888.18	-48.79	≤-27	PASS
			1000~40000	39519	-34.75	≤-27	PASS
	Ant1	5200	30~1000	910.55	-47.98	≤-27	PASS
			1000~40000	39881.7	-34.64	≤-27	PASS
	Ant2	5200	30~1000	719.21	-49.31	≤-27	PASS
			1000~40000	39983.1	-34.23	≤-27	PASS
	Ant1	5240	30~1000	860.5	-49.19	≤-27	PASS
			1000~40000	39985.7	-34.05	≤-27	PASS
	Ant2	5240	30~1000	892.8	-48.69	≤-27	PASS
			1000~40000	38625.9	-33.39	≤-27	PASS
	Ant1	5260	30~1000	862.54	-48.12	≤-27	PASS
			1000~40000	39992.2	-33.84	≤-27	PASS
	Ant2	5260	30~1000	708.57	-47.68	≤-27	PASS
			1000~40000	39720.5	-34.2	≤-27	PASS
	Ant1	5280	30~1000	961.15	-49.18	≤-27	PASS
			1000~40000	39957.1	-32.83	≤-27	PASS
	Ant2	5280	30~1000	864.38	-47.93	≤-27	PASS
			1000~40000	39962.3	-33.65	≤-27	PASS
	Ant1	5320	30~1000	789.73	-49.11	≤-27	PASS
			1000~40000	39953.2	-33.76	≤-27	PASS
	Ant2	5320	30~1000	861.18	-47.57	≤-27	PASS
			1000~40000	39958.4	-34.27	≤-27	PASS
	Ant1	5500	30~1000	917.41	-47.91	≤-27	PASS
			1000~40000	39649	-33.12	≤-27	PASS
	Ant2	5500	30~1000	863.12	-47.85	≤-27	PASS
			1000~40000	39542.4	-33.43	≤-27	PASS
	Ant1	5580	30~1000	891.28	-48.72	≤-27	PASS
			1000~40000	39980.5	-34.18	≤-27	PASS
	Ant2	5580	30~1000	961.54	-47.85	≤-27	PASS
			1000~40000	39590.5	-33.42	≤-27	PASS
	Ant1	5700	30~1000	728.1	-48.44	≤-27	PASS
			1000~40000	39994.8	-33.77	≤-27	PASS
	Ant2	5700	30~1000	649.15	-46.91	≤-27	PASS
			1000~40000	39465.7	-32.38	≤-27	PASS
	Ant1	5745	30~1000	877.06	-47.7	≤-27	PASS
			1000~40000	39988.3	-33.15	≤-27	PASS
	Ant2	5745	30~1000	889.86	-48.41	≤-27	PASS
			1000~40000	39675	-34.3	≤-27	PASS
	Ant1	5785	30~1000	961.86	-48.5	≤-27	PASS

			1000~40000	39962.3	-33.76	≤-27	PASS
	Ant2	5785	30~1000	889.7	-48.2	≤-27	PASS
			1000~40000	39703.6	-32.54	≤-27	PASS
	Ant1	5825	30~1000	971.14	-48.55	≤-27	PASS
			1000~40000	39608.7	-33.95	≤-27	PASS
	Ant2	5825	30~1000	776.92	-47.6	≤-27	PASS
			1000~40000	39997.4	-33.8	≤-27	PASS
11N20MIMO	Ant1	5180	30~1000	962.48	-48.98	≤-27	PASS
			1000~40000	39467	-34.12	≤-27	PASS
	Ant2	5180	30~1000	614.71	-49	≤-27	PASS
			1000~40000	39980.5	-33.3	≤-27	PASS
	Ant1	5200	30~1000	708.22	-48.73	≤-27	PASS
			1000~40000	39974	-32.82	≤-27	PASS
	Ant2	5200	30~1000	708.96	-47.48	≤-27	PASS
			1000~40000	39633.4	-34.27	≤-27	PASS
	Ant1	5240	30~1000	987.44	-48.61	≤-27	PASS
			1000~40000	39974	-34.39	≤-27	PASS
	Ant2	5240	30~1000	861.28	-47.56	≤-27	PASS
			1000~40000	39963.6	-33.46	≤-27	PASS
	Ant1	5260	30~1000	944.21	-48.56	≤-27	PASS
			1000~40000	39468.3	-34.11	≤-27	PASS
	Ant2	5260	30~1000	806.41	-48.88	≤-27	PASS
			1000~40000	39922	-34.38	≤-27	PASS
	Ant1	5280	30~1000	733.53	-47	≤-27	PASS
			1000~40000	39967.5	-33.93	≤-27	PASS
	Ant2	5280	30~1000	927.69	-48.49	≤-27	PASS
			1000~40000	39532	-34.26	≤-27	PASS
	Ant1	5320	30~1000	959.05	-47.72	≤-27	PASS
			1000~40000	39528.1	-33.73	≤-27	PASS
	Ant2	5320	30~1000	888.08	-48.62	≤-27	PASS
			1000~40000	39997.4	-33.62	≤-27	PASS
	Ant1	5500	30~1000	933.19	-47.99	≤-27	PASS
			1000~40000	39951.9	-32.74	≤-27	PASS
	Ant2	5500	30~1000	890.7	-47.66	≤-27	PASS
			1000~40000	39946.7	-33.46	≤-27	PASS
	Ant1	5580	30~1000	512.16	-47.65	≤-27	PASS
			1000~40000	39846.6	-33.85	≤-27	PASS
	Ant2	5580	30~1000	706.96	-47.46	≤-27	PASS
			1000~40000	39615.2	-33.88	≤-27	PASS
	Ant1	5700	30~1000	968.14	-48.46	≤-27	PASS
			1000~40000	39996.1	-33.57	≤-27	PASS
	Ant2	5700	30~1000	705.53	-48.01	≤-27	PASS
			1000~40000	39974	-33.06	≤-27	PASS
	Ant1	5745	30~1000	705.57	-48.47	≤-27	PASS
			1000~40000	39993.5	-34.3	≤-27	PASS
	Ant2	5745	30~1000	716.4	-48.08	≤-27	PASS

			1000~40000	39980.5	-32.93	≤-27	PASS
	Ant1	5785	30~1000	854.23	-48.89	≤-27	PASS
			1000~40000	39104.3	-32.76	≤-27	PASS
	Ant2	5785	30~1000	720.83	-48.29	≤-27	PASS
			1000~40000	39968.8	-33.69	≤-27	PASS
	Ant1	5825	30~1000	710.32	-47.94	≤-27	PASS
			1000~40000	39617.8	-34.14	≤-27	PASS
	Ant2	5825	30~1000	860.41	-47.68	≤-27	PASS
			1000~40000	39983.1	-33.37	≤-27	PASS
11N40MIMO	Ant1	5190	30~1000	892.22	-48.18	≤-27	PASS
			1000~40000	39905.1	-34.71	≤-27	PASS
	Ant2	5190	30~1000	621.6	-48.23	≤-27	PASS
			1000~40000	39983.1	-33.67	≤-27	PASS
	Ant1	5230	30~1000	868.91	-48.71	≤-27	PASS
			1000~40000	39944.1	-33.91	≤-27	PASS
	Ant2	5230	30~1000	706.86	-46.85	≤-27	PASS
			1000~40000	39399.4	-34.01	≤-27	PASS
	Ant1	5270	30~1000	828.17	-48.18	≤-27	PASS
			1000~40000	39996.1	-34.1	≤-27	PASS
	Ant2	5270	30~1000	861.51	-47.76	≤-27	PASS
			1000~40000	39470.9	-33.48	≤-27	PASS
	Ant1	5310	30~1000	803.92	-48.53	≤-27	PASS
			1000~40000	39924.6	-33.43	≤-27	PASS
	Ant2	5310	30~1000	860.02	-47.01	≤-27	PASS
			1000~40000	39593.1	-33.89	≤-27	PASS
	Ant1	5510	30~1000	892.96	-47.87	≤-27	PASS
			1000~40000	2411.8	-31.57	≤-27	PASS
	Ant2	5510	30~1000	644.56	-48.46	≤-27	PASS
			1000~40000	39403.3	-33.78	≤-27	PASS
	Ant1	5550	30~1000	705.57	-47.41	≤-27	PASS
			1000~40000	39703.6	-33.67	≤-27	PASS
	Ant2	5550	30~1000	242.05	-47.32	≤-27	PASS
			1000~40000	39496.9	-33.2	≤-27	PASS
	Ant1	5670	30~1000	863.99	-46.73	≤-27	PASS
			1000~40000	39997.4	-33.67	≤-27	PASS
	Ant2	5670	30~1000	888.02	-48.55	≤-27	PASS
			1000~40000	2415.7	-29.61	≤-27	PASS
	Ant1	5755	30~1000	706.18	-48.59	≤-27	PASS
			1000~40000	39594.4	-34.43	≤-27	PASS
	Ant2	5755	30~1000	829.21	-47.06	≤-27	PASS
			1000~40000	39448.8	-33.31	≤-27	PASS
	Ant1	5795	30~1000	779.96	-46.94	≤-27	PASS
			1000~40000	39898.6	-33.72	≤-27	PASS
	Ant2	5795	30~1000	309.56	-48.73	≤-27	PASS
			1000~40000	2414.4	-30.77	≤-27	PASS
11AC20MIMO	Ant1	5180	30~1000	861.67	-48.74	≤-27	PASS

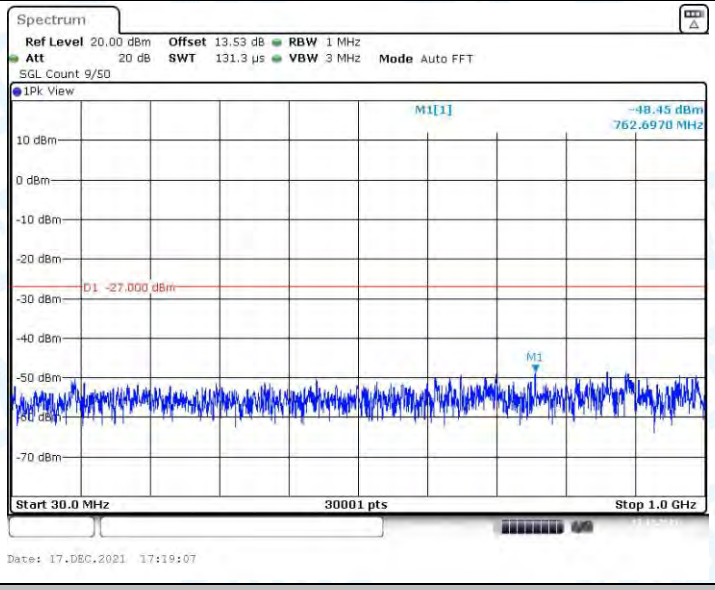
			1000~40000	39988.3	-33.57	≤-27	PASS
	Ant2	5180	30~1000	512.09	-47.98	≤-27	PASS
			1000~40000	39599.6	-34.82	≤-27	PASS
	Ant1	5200	30~1000	707.22	-48.33	≤-27	PASS
			1000~40000	39863.5	-35	≤-27	PASS
	Ant2	5200	30~1000	789.7	-48.36	≤-27	PASS
			1000~40000	39951.9	-33.13	≤-27	PASS
	Ant1	5240	30~1000	892.12	-47.57	≤-27	PASS
			1000~40000	39463.1	-33.09	≤-27	PASS
	Ant2	5240	30~1000	896.81	-47.73	≤-27	PASS
			1000~40000	39964.9	-34.1	≤-27	PASS
	Ant1	5260	30~1000	293.3	-48.76	≤-27	PASS
			1000~40000	39990.9	-33.89	≤-27	PASS
	Ant2	5260	30~1000	721.12	-48.66	≤-27	PASS
			1000~40000	39948	-33.04	≤-27	PASS
	Ant1	5280	30~1000	973.6	-48.71	≤-27	PASS
			1000~40000	39036.7	-34.24	≤-27	PASS
	Ant2	5280	30~1000	595.31	-48.09	≤-27	PASS
			1000~40000	39980.5	-34.35	≤-27	PASS
	Ant1	5320	30~1000	967.56	-47.97	≤-27	PASS
			1000~40000	39849.2	-34.15	≤-27	PASS
	Ant2	5320	30~1000	729.95	-48.9	≤-27	PASS
			1000~40000	39879.1	-33.86	≤-27	PASS
	Ant1	5500	30~1000	889.34	-48.26	≤-27	PASS
			1000~40000	39981.8	-33.37	≤-27	PASS
	Ant2	5500	30~1000	331.77	-48.82	≤-27	PASS
			1000~40000	39940.2	-32.83	≤-27	PASS
	Ant1	5580	30~1000	511.48	-47.65	≤-27	PASS
			1000~40000	39989.6	-33.05	≤-27	PASS
	Ant2	5580	30~1000	860.18	-48.2	≤-27	PASS
			1000~40000	39702.3	-33.66	≤-27	PASS
	Ant1	5700	30~1000	890.18	-48.18	≤-27	PASS
			1000~40000	39968.8	-33.9	≤-27	PASS
	Ant2	5700	30~1000	708.09	-46.96	≤-27	PASS
			1000~40000	39480	-33.67	≤-27	PASS
	Ant1	5745	30~1000	863.38	-48.38	≤-27	PASS
			1000~40000	39972.7	-33.14	≤-27	PASS
	Ant2	5745	30~1000	643.55	-48.33	≤-27	PASS
			1000~40000	39816.7	-33.52	≤-27	PASS
	Ant1	5785	30~1000	708.22	-46.85	≤-27	PASS
			1000~40000	39988.3	-33.3	≤-27	PASS
	Ant2	5785	30~1000	867.91	-47.91	≤-27	PASS
			1000~40000	39994.8	-32.59	≤-27	PASS
	Ant1	5825	30~1000	911.59	-48.75	≤-27	PASS
			1000~40000	39326.6	-34.07	≤-27	PASS
	Ant2	5825	30~1000	117.06	-48.35	≤-27	PASS

			1000~40000	39987	-34.01	≤-27	PASS
11AC40MIMO	Ant1	5190	30~1000	515.91	-49.4	≤-27	PASS
			1000~40000	39906.4	-34.33	≤-27	PASS
	Ant2	5190	30~1000	118.45	-47.5	≤-27	PASS
			1000~40000	39976.6	-33.27	≤-27	PASS
	Ant1	5230	30~1000	623.35	-47.8	≤-27	PASS
			1000~40000	38997.7	-33.9	≤-27	PASS
	Ant2	5230	30~1000	888.15	-47.44	≤-27	PASS
			1000~40000	39992.2	-33.95	≤-27	PASS
	Ant1	5270	30~1000	720.21	-47.6	≤-27	PASS
			1000~40000	39126.4	-34.08	≤-27	PASS
	Ant2	5270	30~1000	508.76	-47.65	≤-27	PASS
			1000~40000	39685.4	-33.95	≤-27	PASS
	Ant1	5310	30~1000	688.88	-48.32	≤-27	PASS
			1000~40000	39961	-34.06	≤-27	PASS
	Ant2	5310	30~1000	685.81	-47.51	≤-27	PASS
			1000~40000	39424.1	-33.88	≤-27	PASS
	Ant1	5510	30~1000	862.02	-47.28	≤-27	PASS
			1000~40000	39944.1	-32.45	≤-27	PASS
	Ant2	5510	30~1000	918.64	-48.91	≤-27	PASS
			1000~40000	39547.6	-34.07	≤-27	PASS
	Ant1	5550	30~1000	988.38	-48	≤-27	PASS
			1000~40000	39992.2	-33.07	≤-27	PASS
	Ant2	5550	30~1000	763.09	-48.32	≤-27	PASS
			1000~40000	39988.3	-33.5	≤-27	PASS
	Ant1	5670	30~1000	516.49	-48.08	≤-27	PASS
			1000~40000	39974	-32.74	≤-27	PASS
	Ant2	5670	30~1000	711.19	-47.61	≤-27	PASS
			1000~40000	39503.4	-34.01	≤-27	PASS
	Ant1	5755	30~1000	874.21	-47.64	≤-27	PASS
			1000~40000	39993.5	-33.97	≤-27	PASS
	Ant2	5755	30~1000	639.29	-47.93	≤-27	PASS
			1000~40000	39989.6	-33.91	≤-27	PASS
	Ant1	5795	30~1000	523.44	-49.18	≤-27	PASS
			1000~40000	39581.4	-33.56	≤-27	PASS
	Ant2	5795	30~1000	715.04	-48.42	≤-27	PASS
			1000~40000	39974	-33.82	≤-27	PASS
11AC80MIMO	Ant1	5210	30~1000	889.6	-48.79	≤-27	PASS
			1000~40000	39368.2	-34.6	≤-27	PASS
	Ant2	5210	30~1000	964.29	-47.67	≤-27	PASS
			1000~40000	39643.8	-33.46	≤-27	PASS
	Ant1	5290	30~1000	861.15	-48.23	≤-27	PASS
			1000~40000	39918.1	-33.66	≤-27	PASS
	Ant2	5290	30~1000	328.73	-49.24	≤-27	PASS
			1000~40000	39954.5	-33.75	≤-27	PASS
	Ant1	5530	30~1000	59.99	-47.64	≤-27	PASS

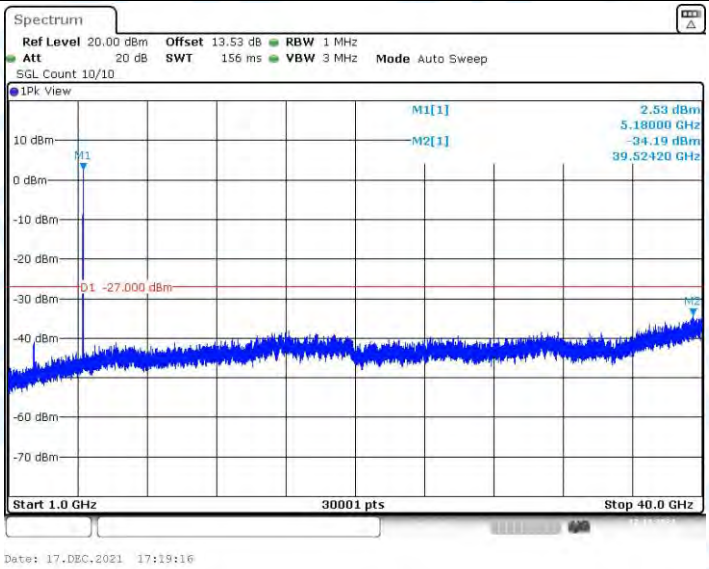
			1000~40000	39996.1	-33.58	≤-27	PASS
	Ant2	5530	30~1000	849.41	-47.7	≤-27	PASS
			1000~40000	39762.1	-33.6	≤-27	PASS
	Ant1	5610	30~1000	866.13	-48.5	≤-27	PASS
			1000~40000	39984.4	-34.1	≤-27	PASS
	Ant2	5610	30~1000	988.47	-48.19	≤-27	PASS
			1000~40000	39974	-34.07	≤-27	PASS
	Ant1	5775	30~1000	868.94	-47.91	≤-27	PASS
			1000~40000	39964.9	-32.19	≤-27	PASS
	Ant2	5775	30~1000	819.96	-49.34	≤-27	PASS
			1000~40000	39621.7	-33.03	≤-27	PASS

Note: The frequency 5610MHz data is only applicable to FCC, not applicable to ISED.

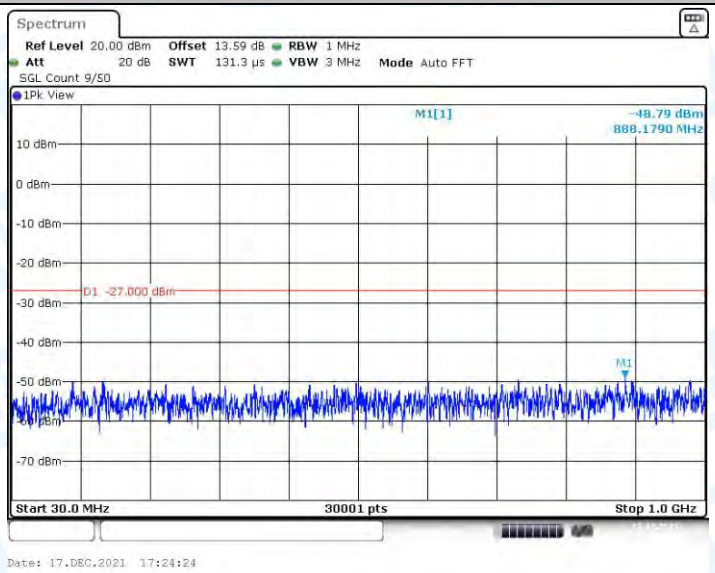
6.2.Test Graphs



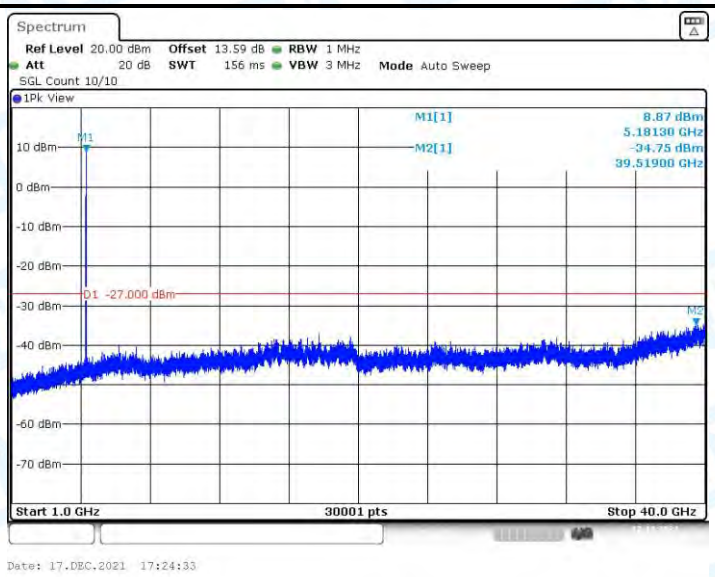
11A-CDD_Ant1_5180_30~1000



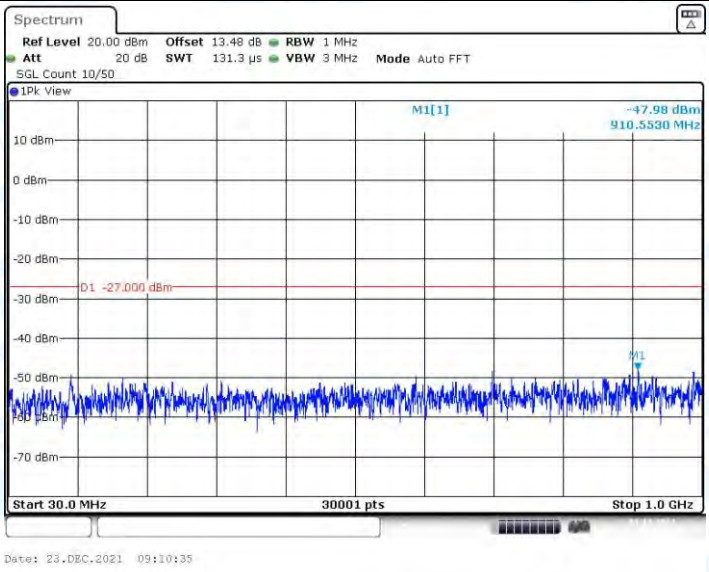
11A-CDD_Ant1_5180_1000~40000



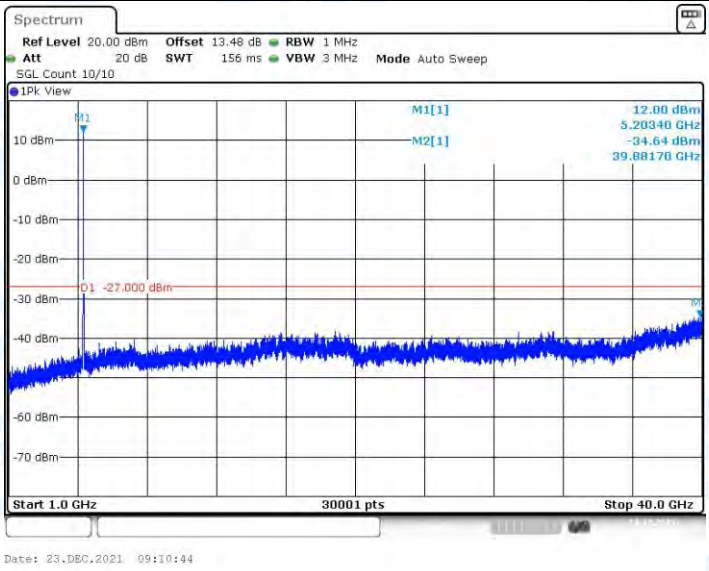
11A-CDD_Ant2_5180_30~1000



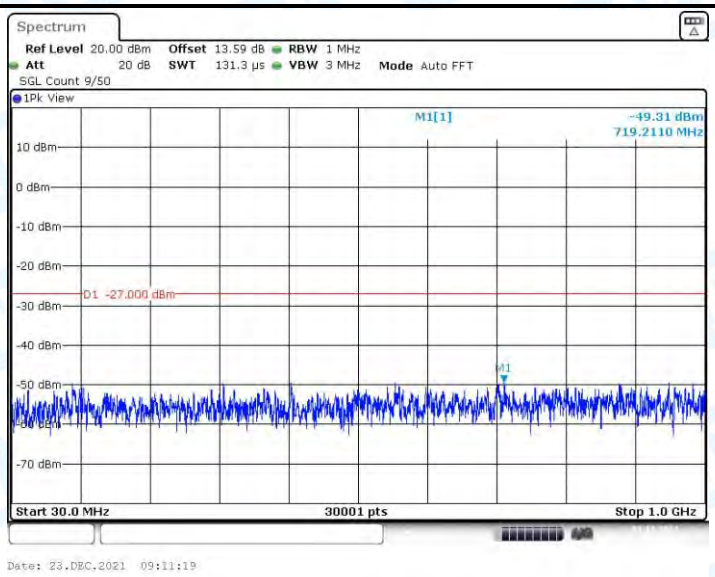
11A-CDD_Ant2_5180_1000~40000



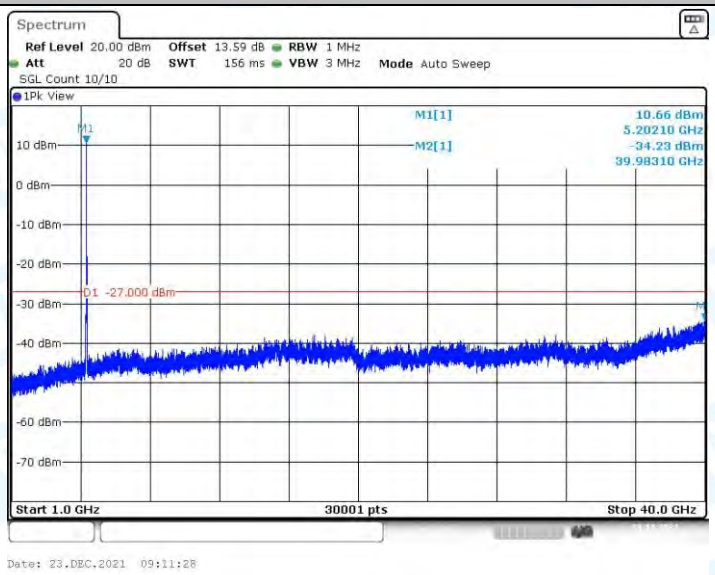
11A-CDD_Ant1_5200_30~1000



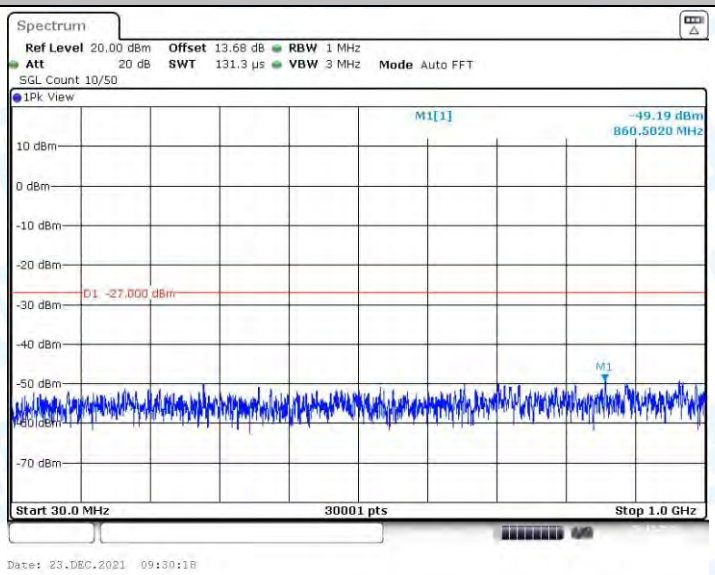
11A-CDD_Ant1_5200_1000~40000



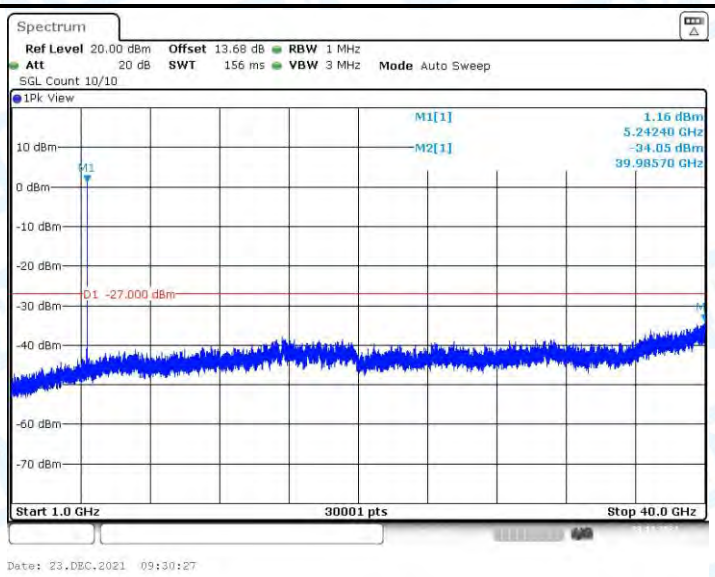
11A-CDD_Ant2_5200_30~1000



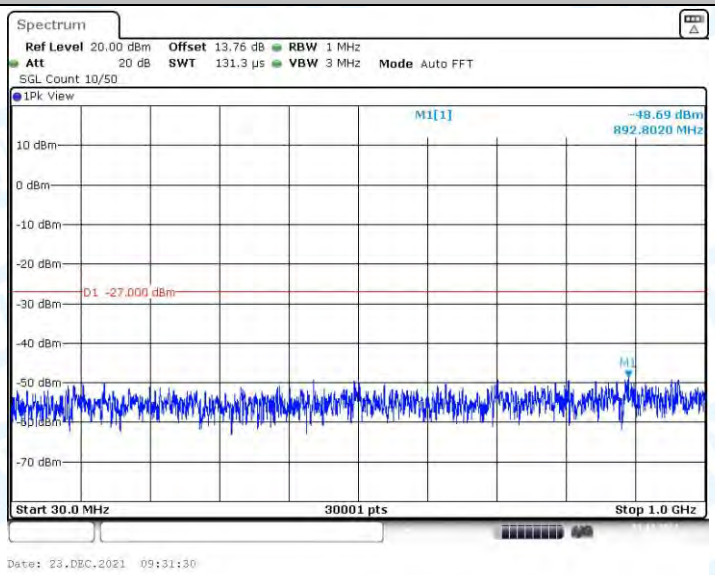
11A-CDD_Ant2_5200_1000~40000



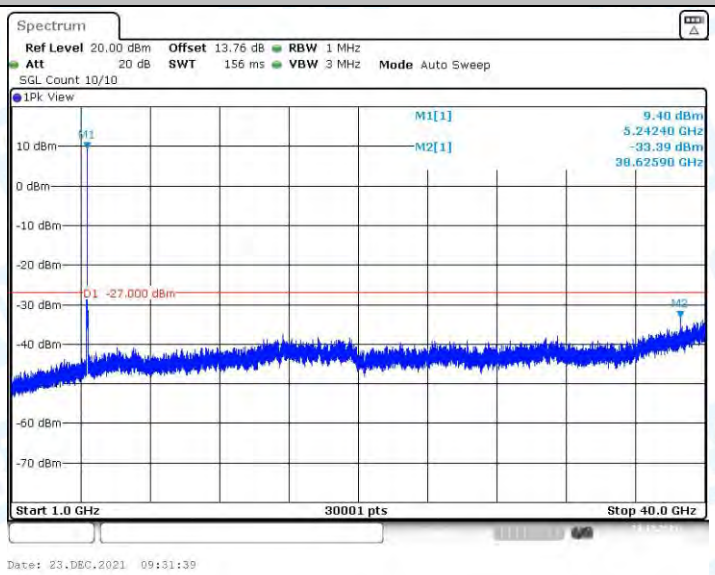
11A-CDD_Ant1_5240_30~1000



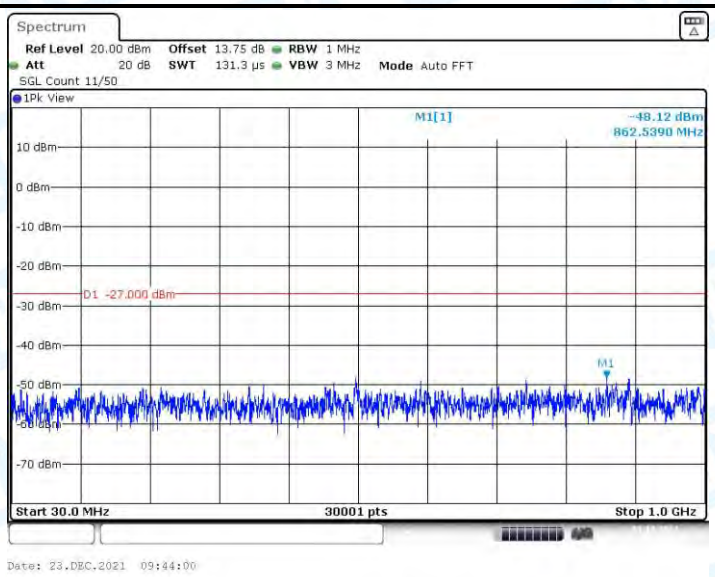
11A-CDD_Ant1_5240_1000~40000



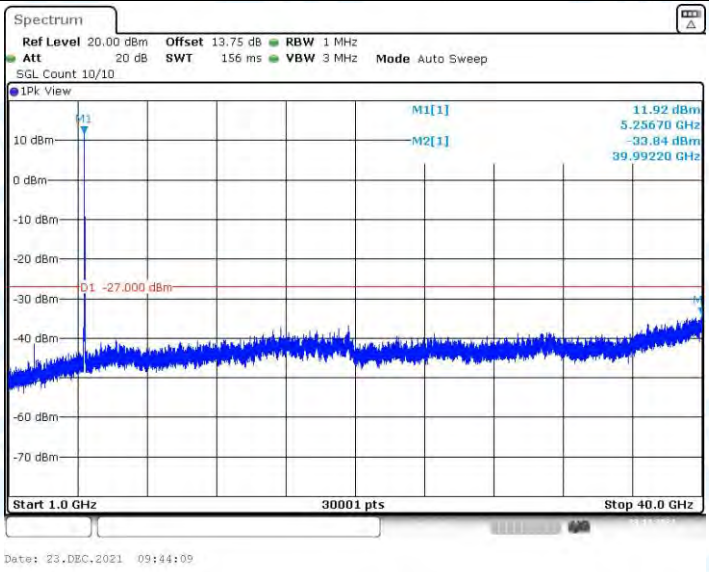
11A-CDD_Ant2_5240_30~1000



11A-CDD_Ant2_5240_1000~40000



11A-CDD_Ant1_5260_30~1000



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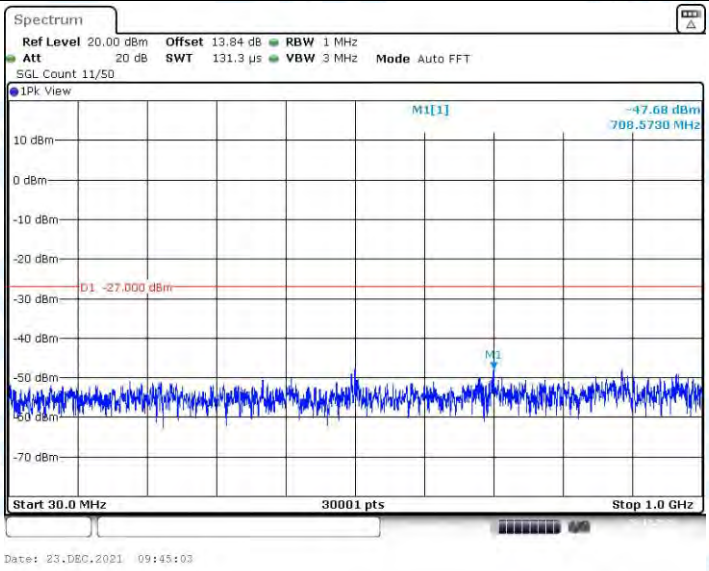

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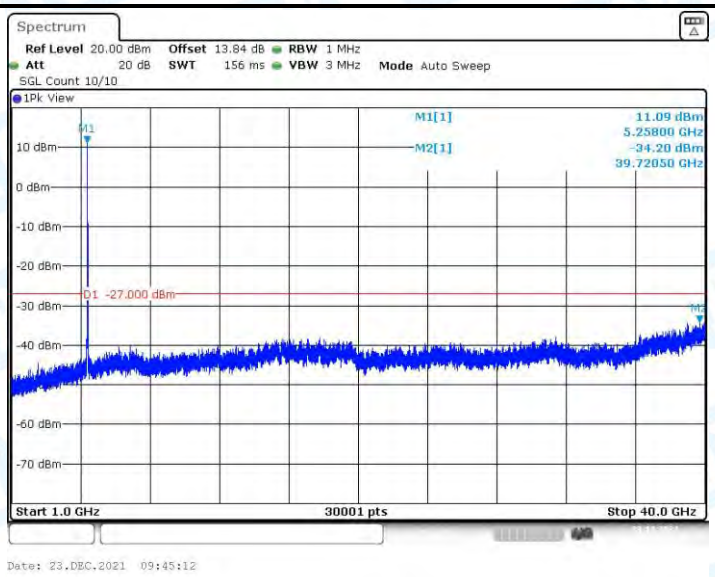

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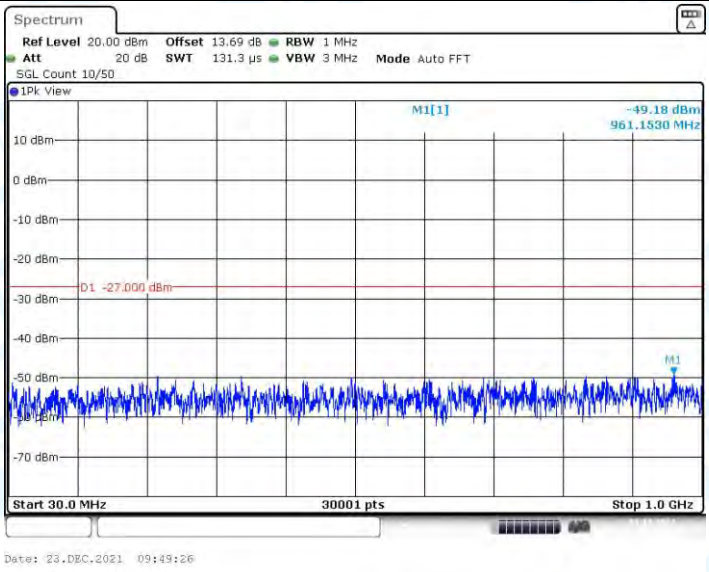

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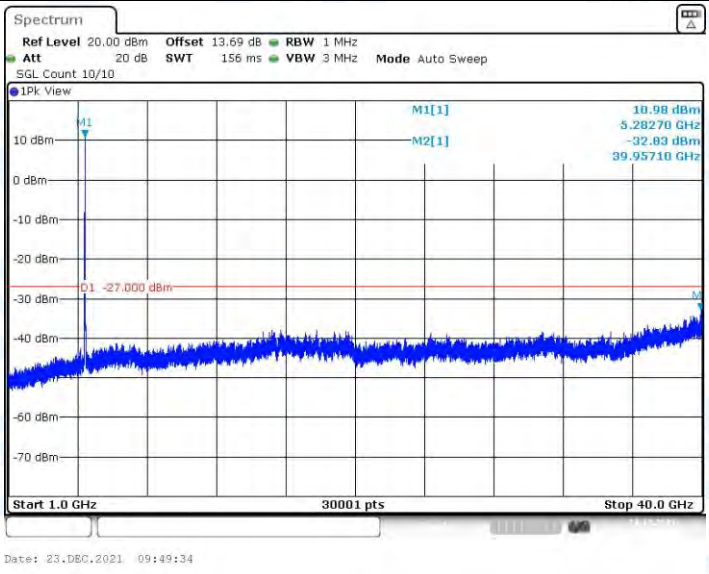

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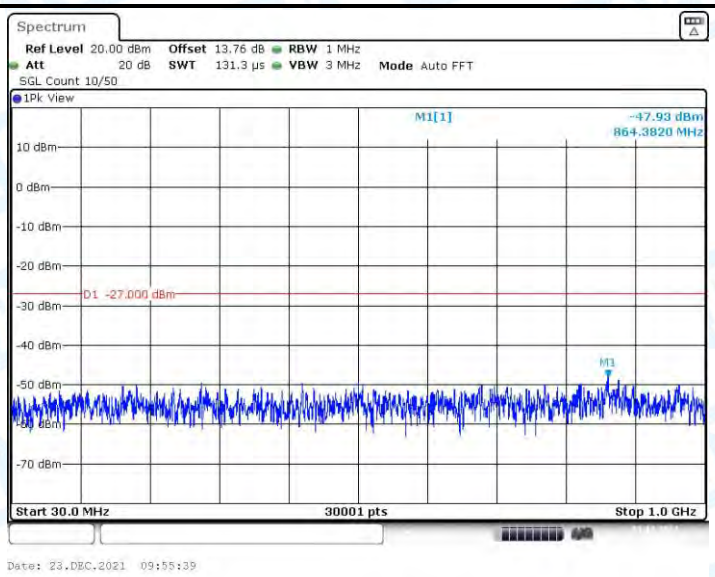

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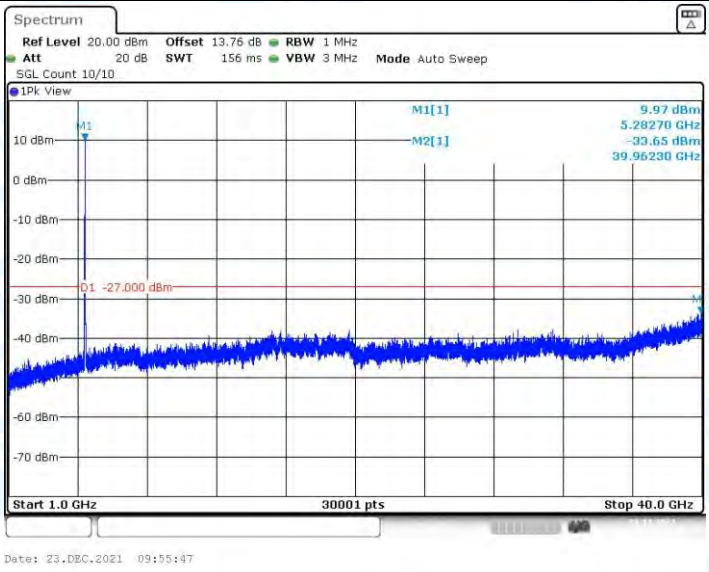

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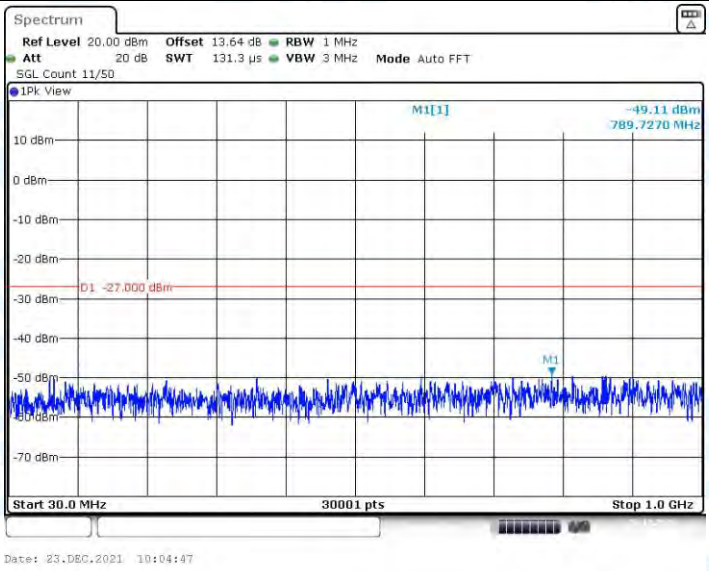

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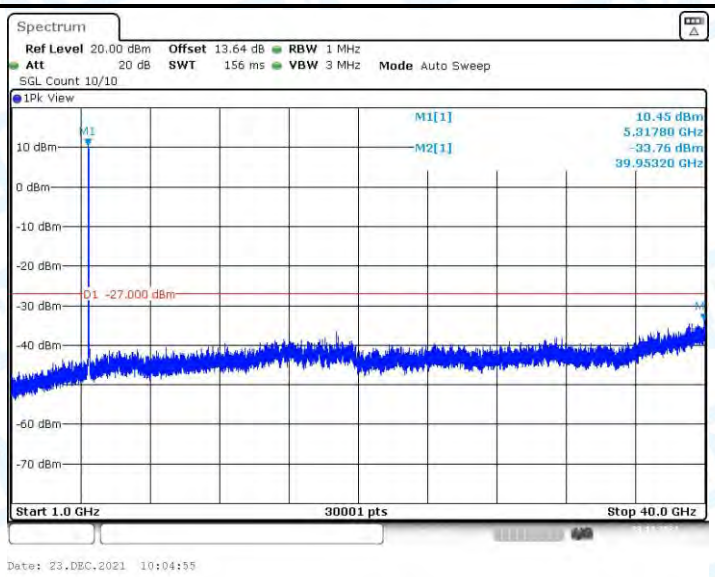

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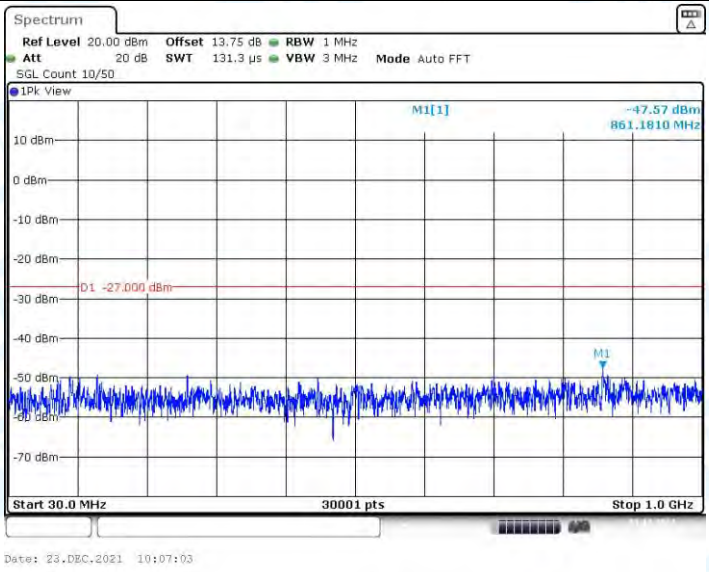

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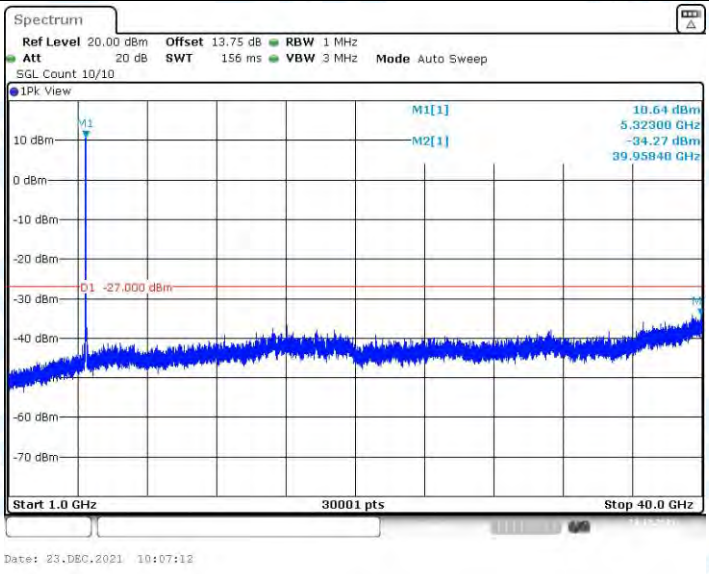

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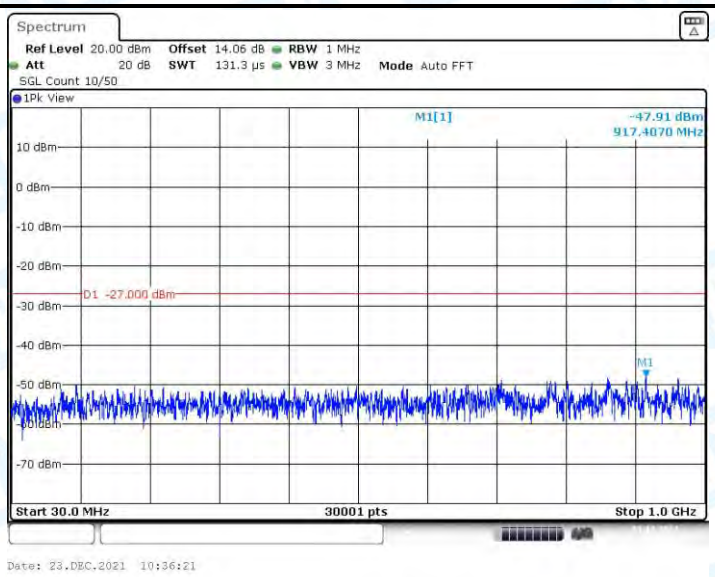

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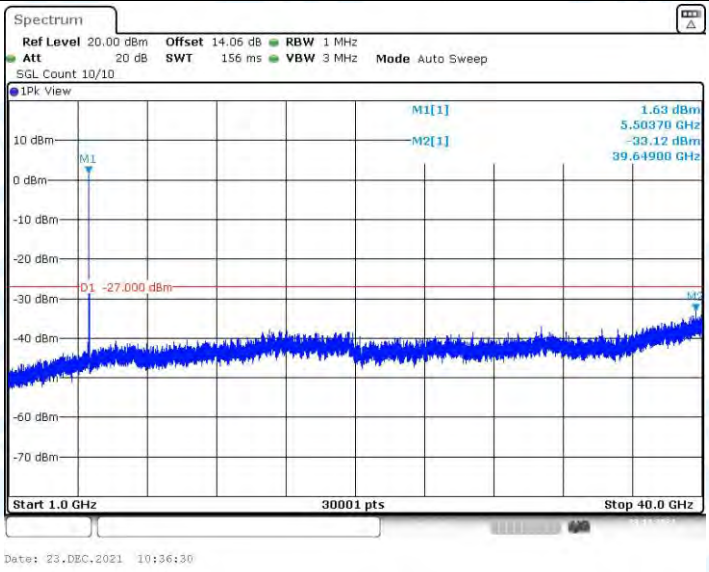

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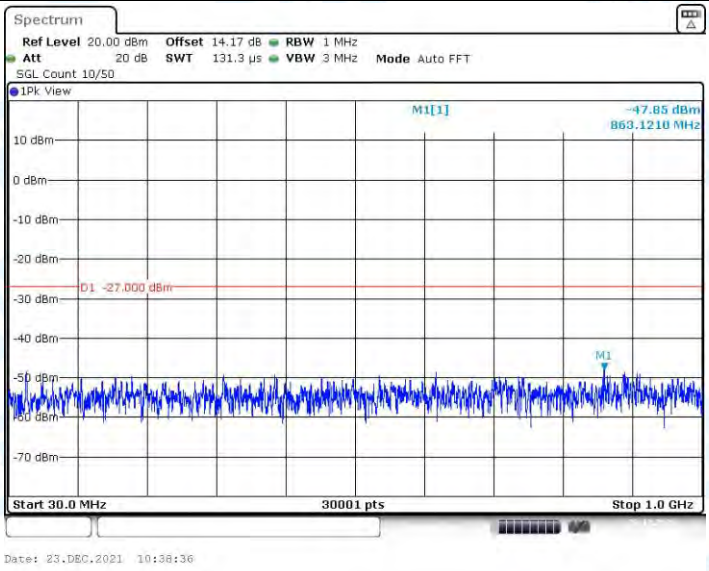

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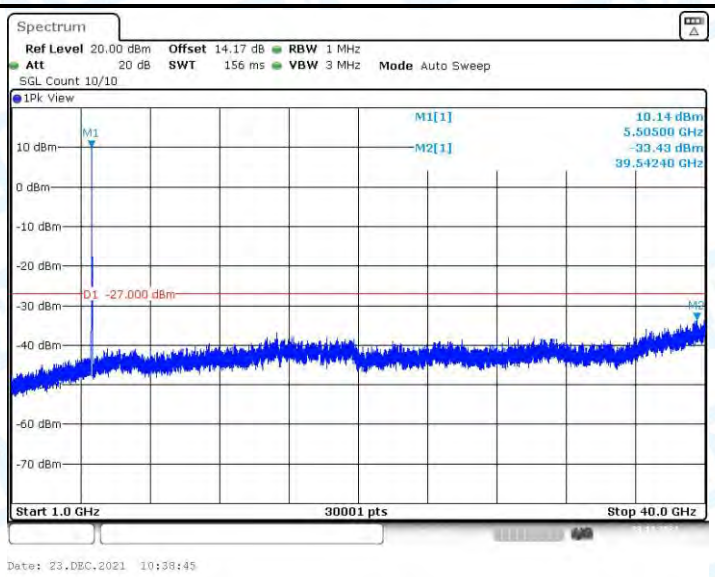

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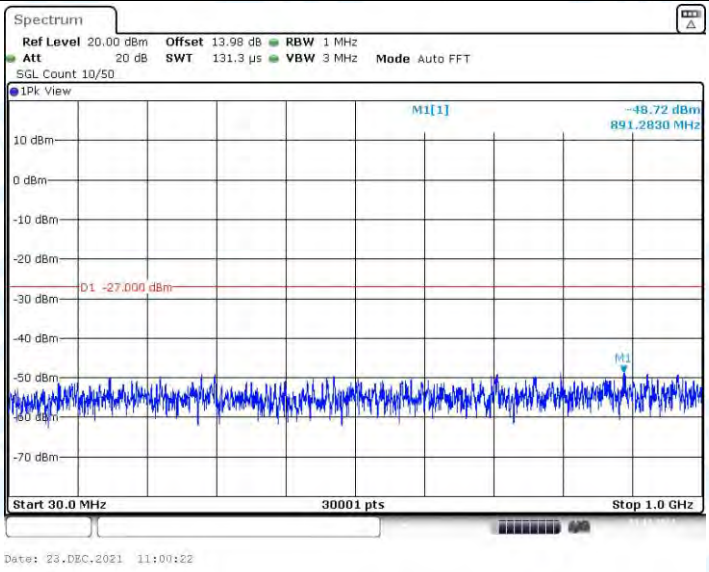
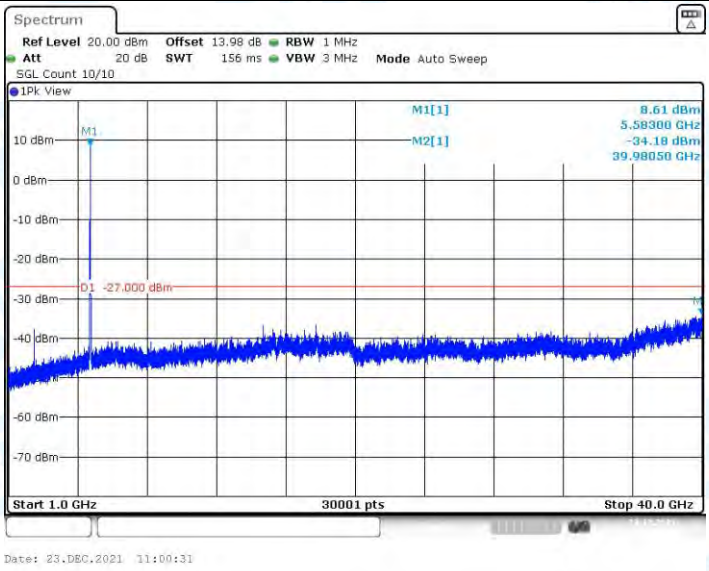


11A-CDD_Ant1_5580_30~1000



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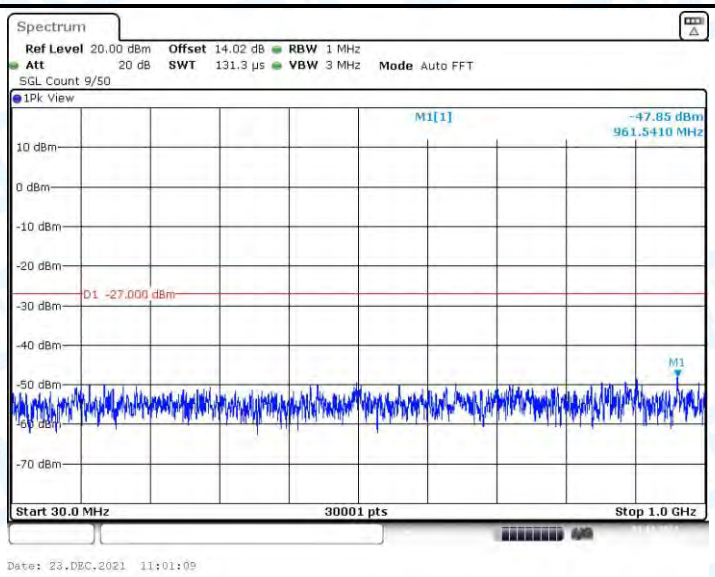

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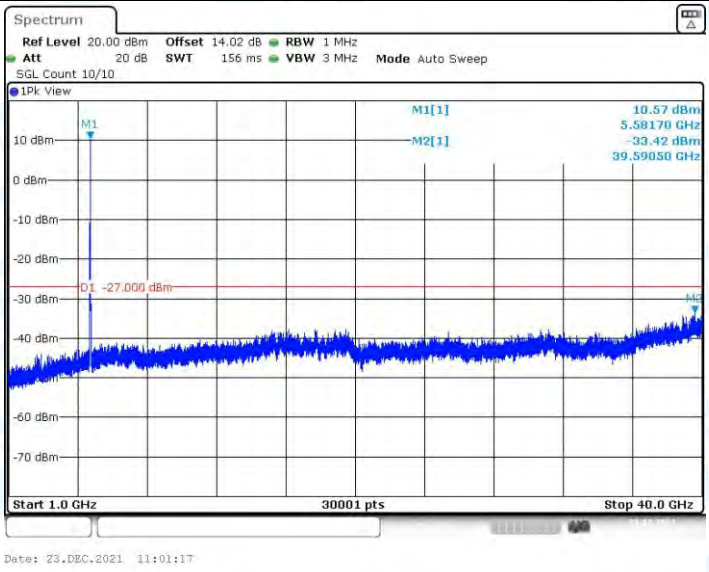

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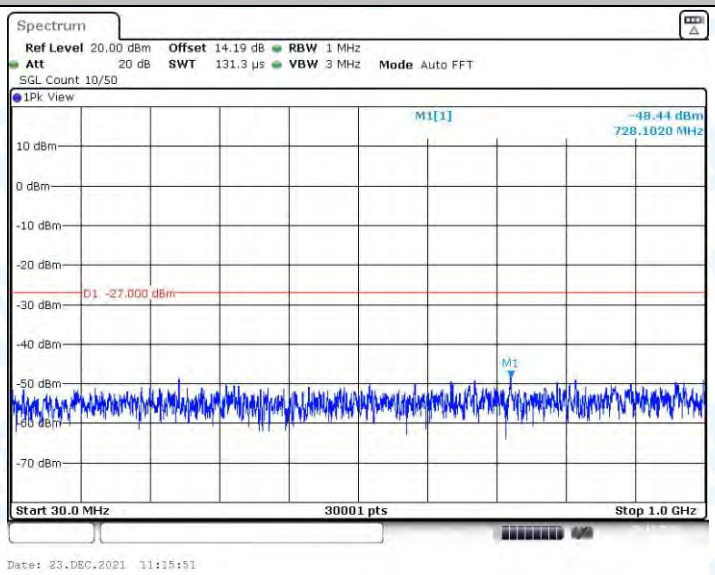

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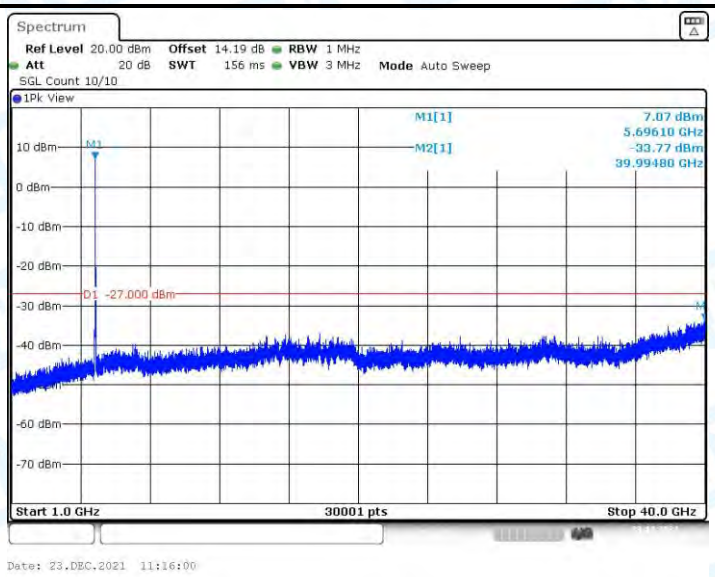

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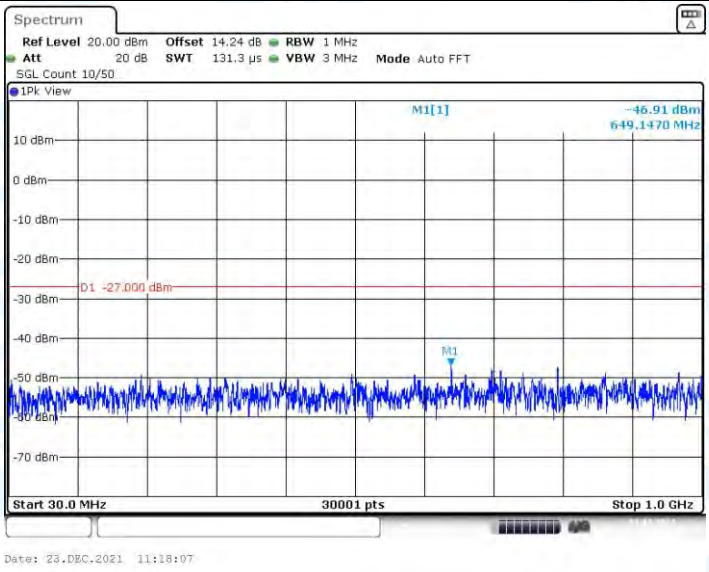

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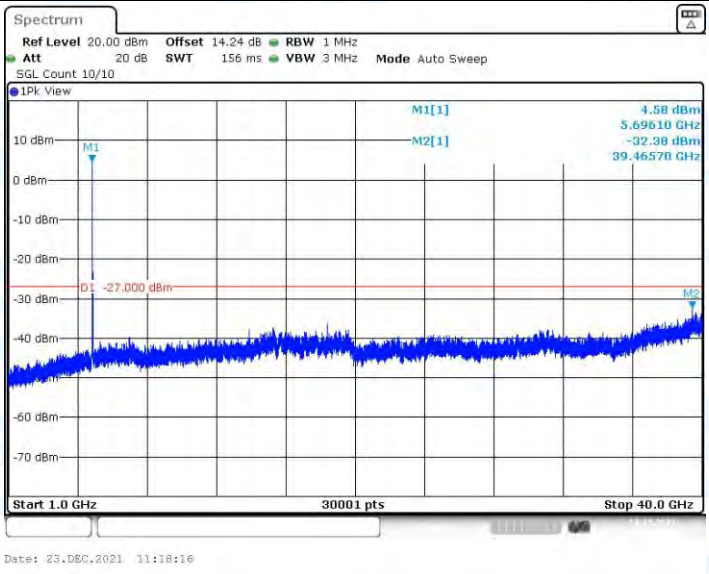

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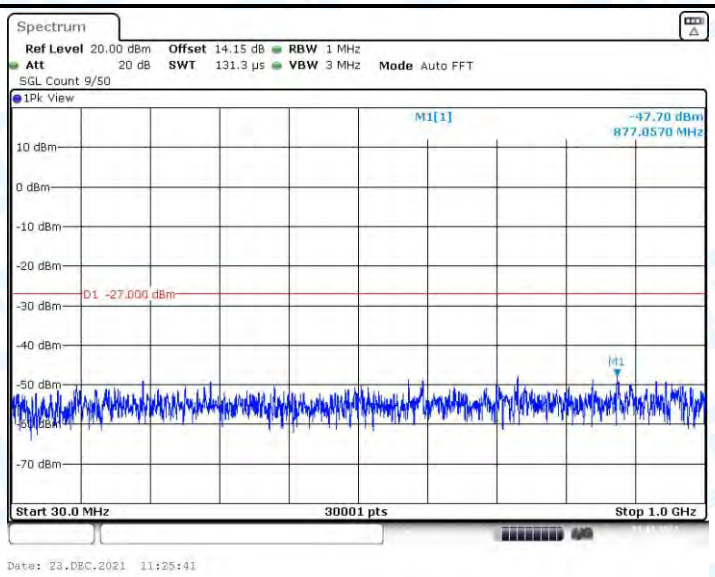

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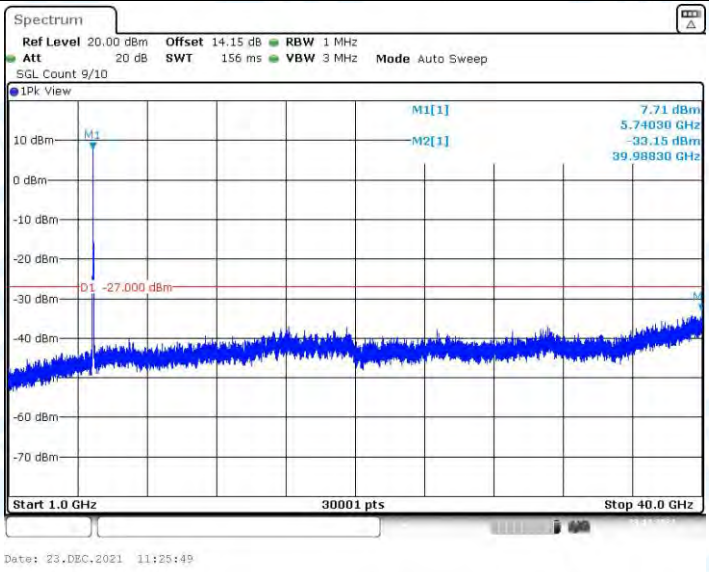

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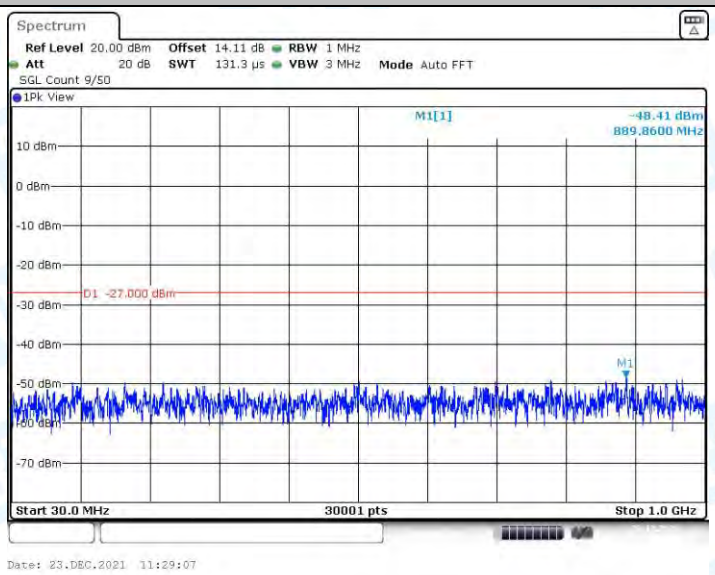

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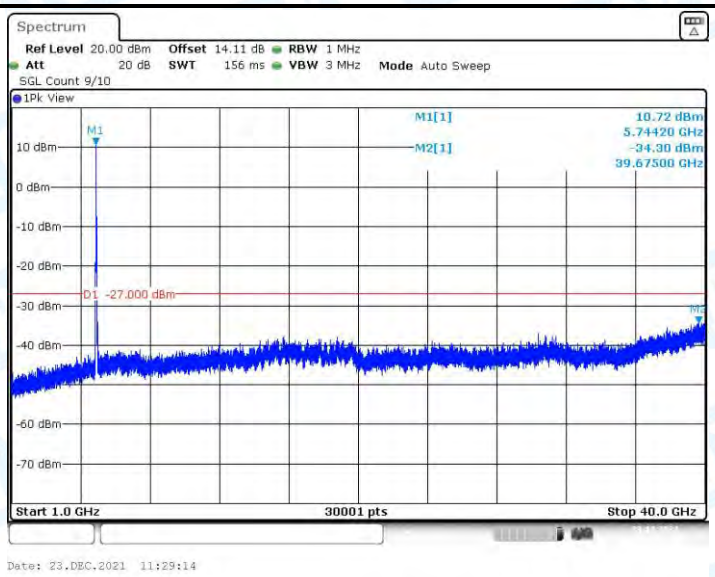

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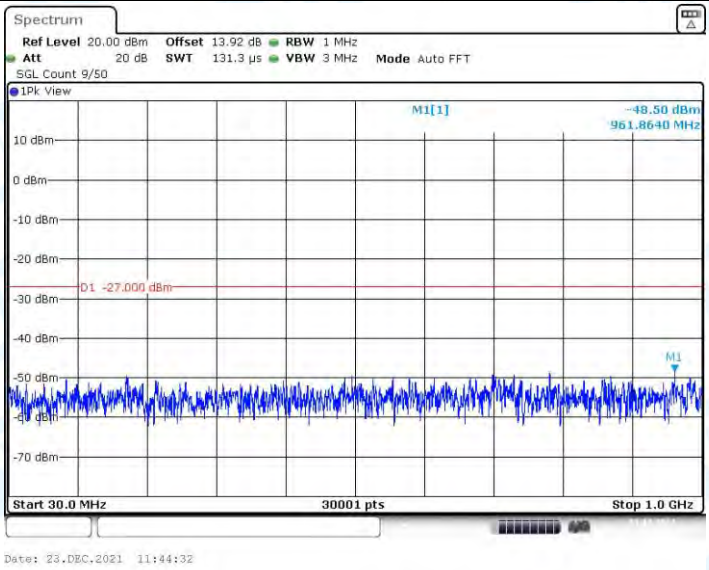

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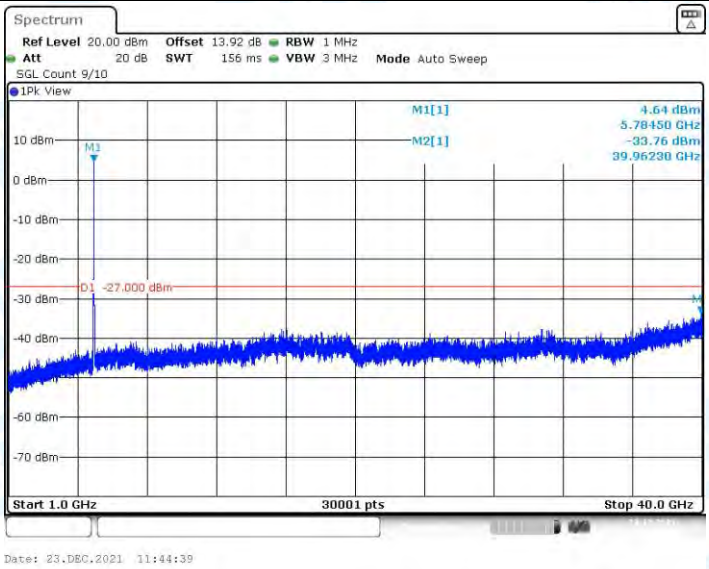

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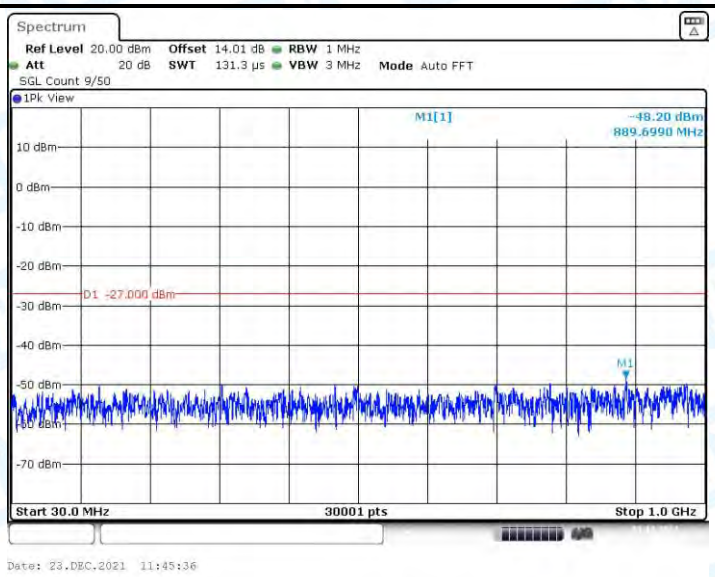

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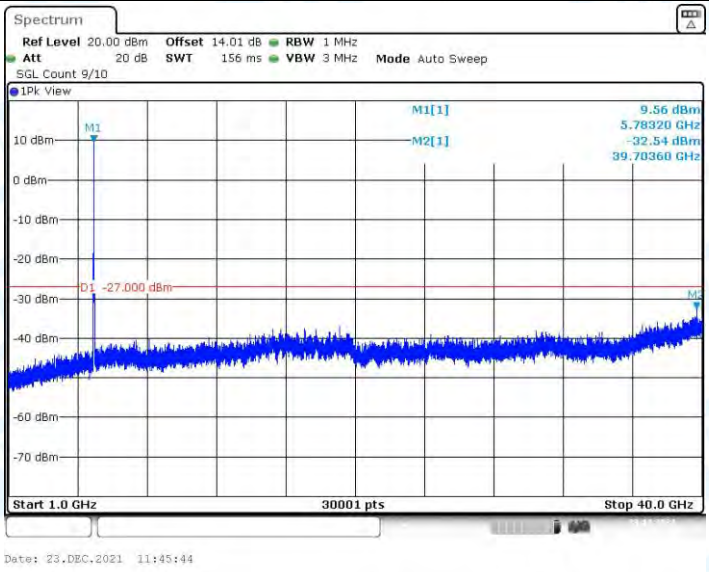

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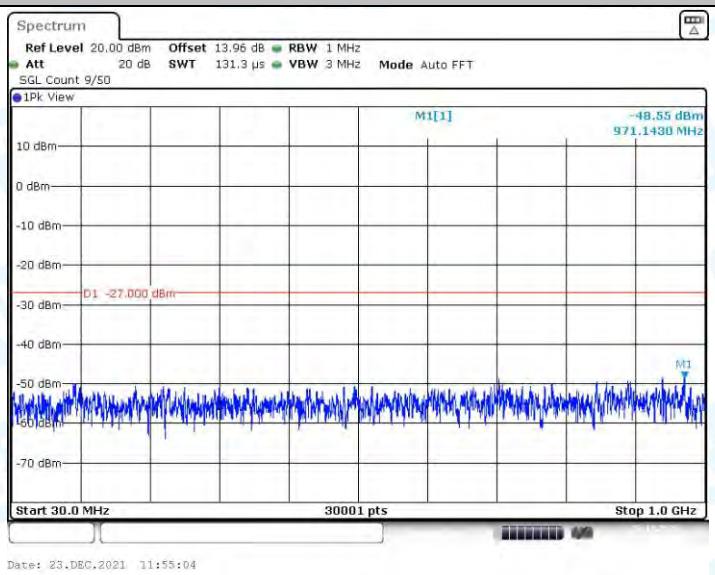

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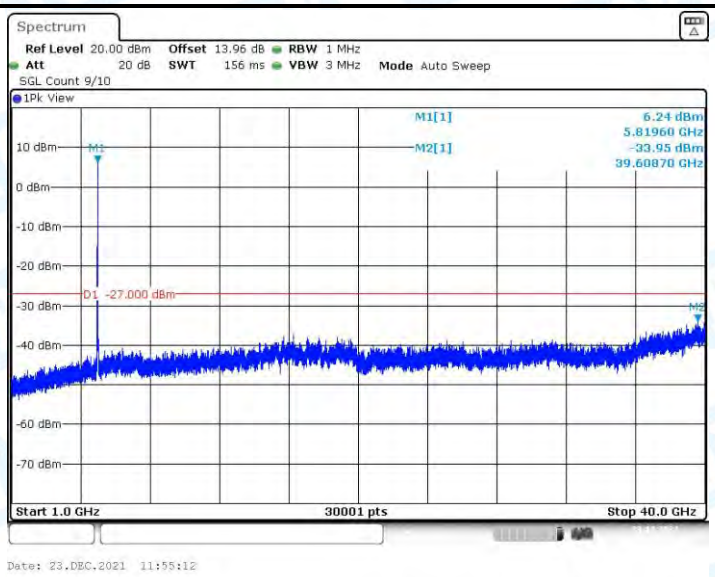

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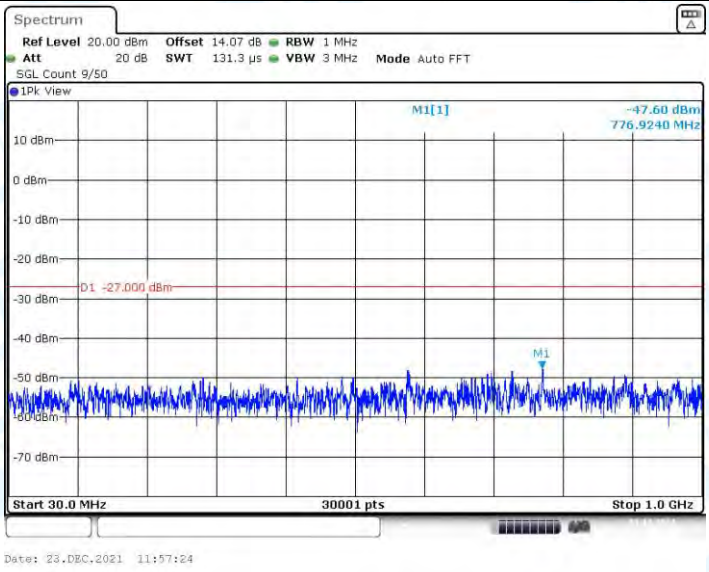

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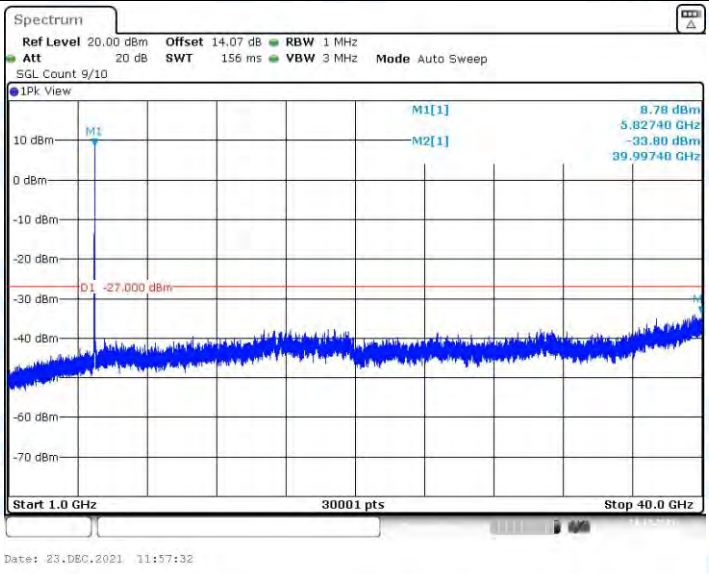

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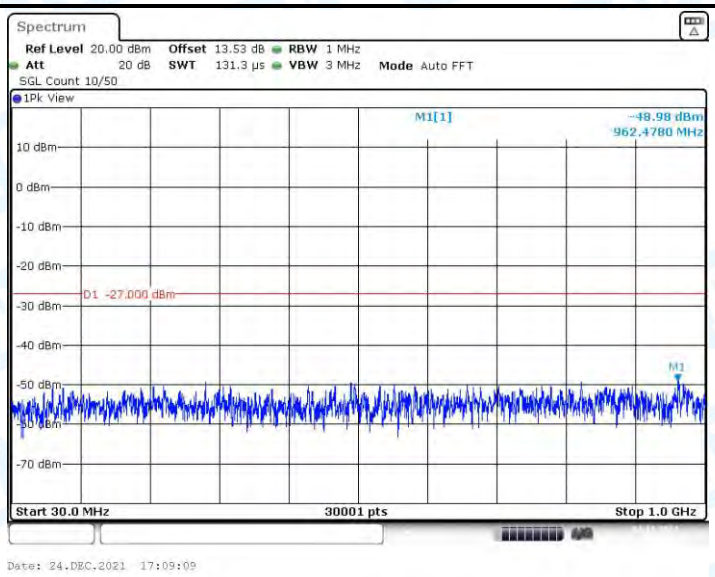
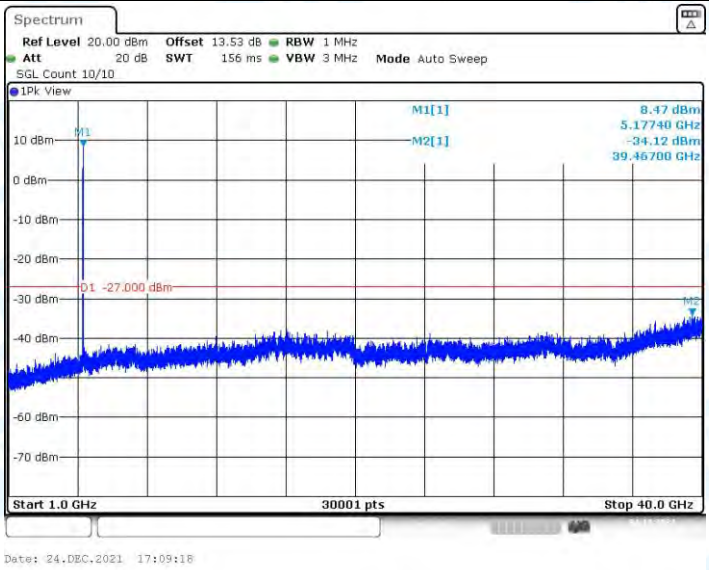


11N20MIMO_Ant1_5180_30~1000



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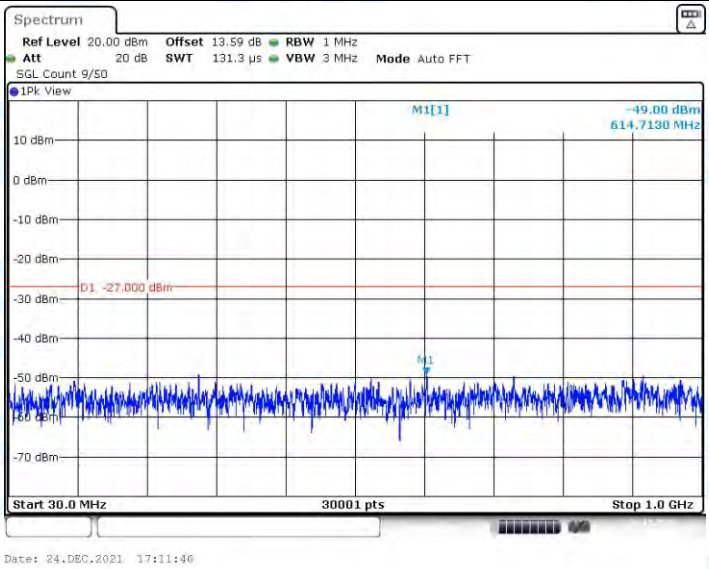

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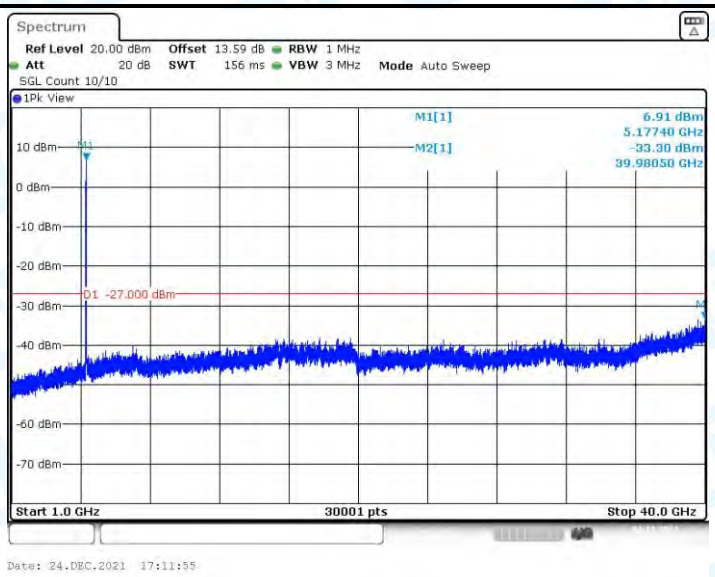

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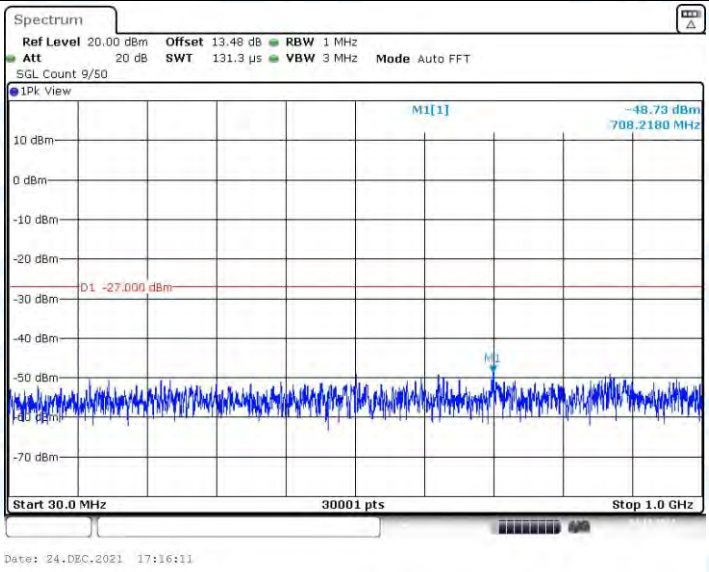
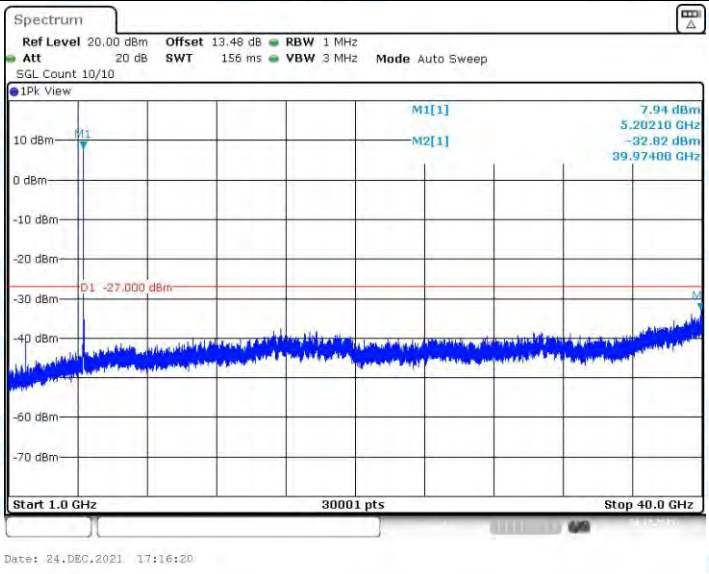


11N20MIMO_Ant1_5200_30~1000



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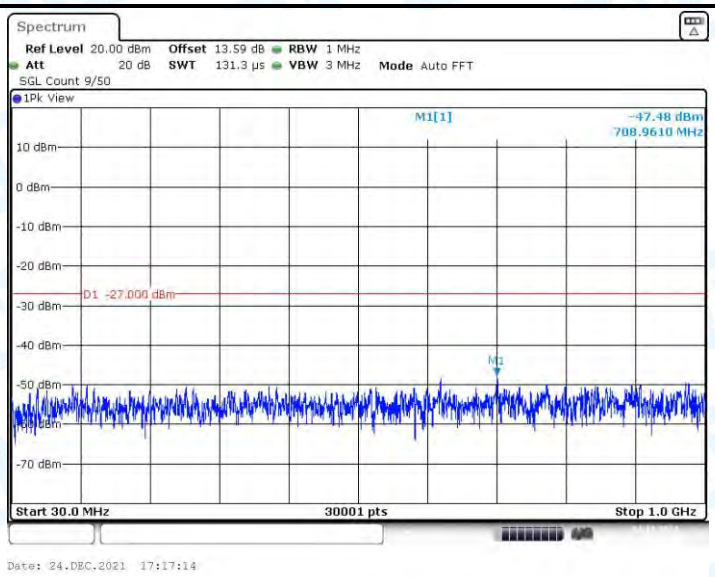

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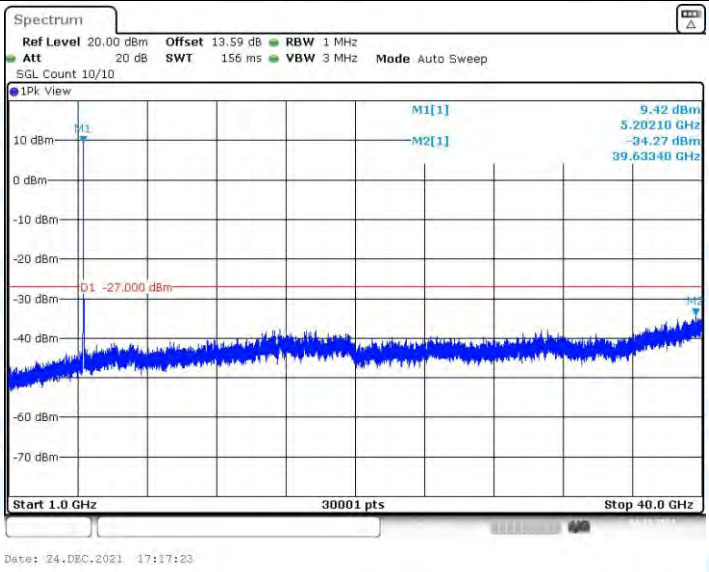

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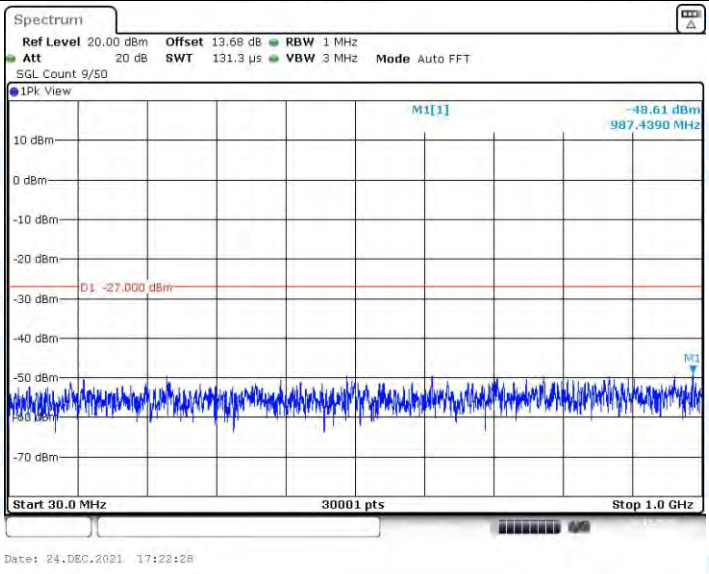
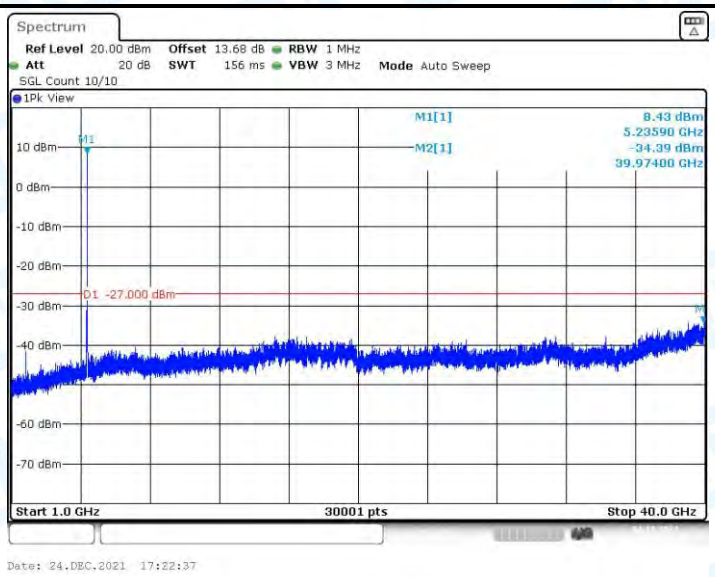


11N20MIMO_Ant1_5240_30~1000



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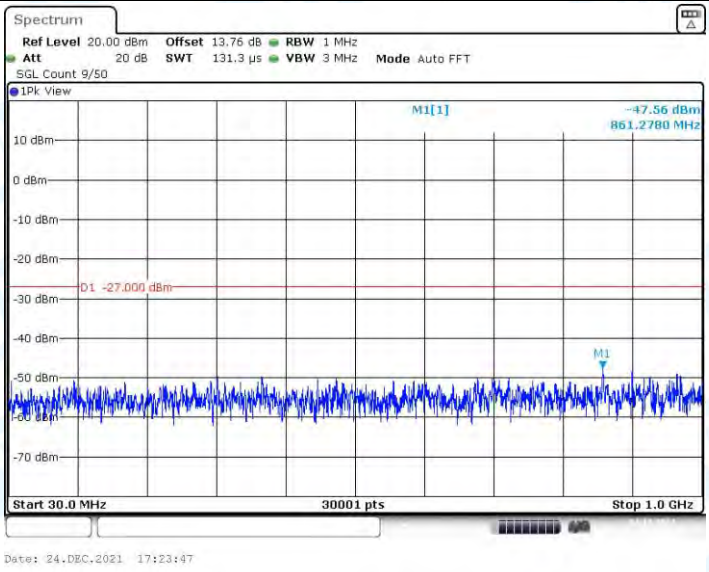
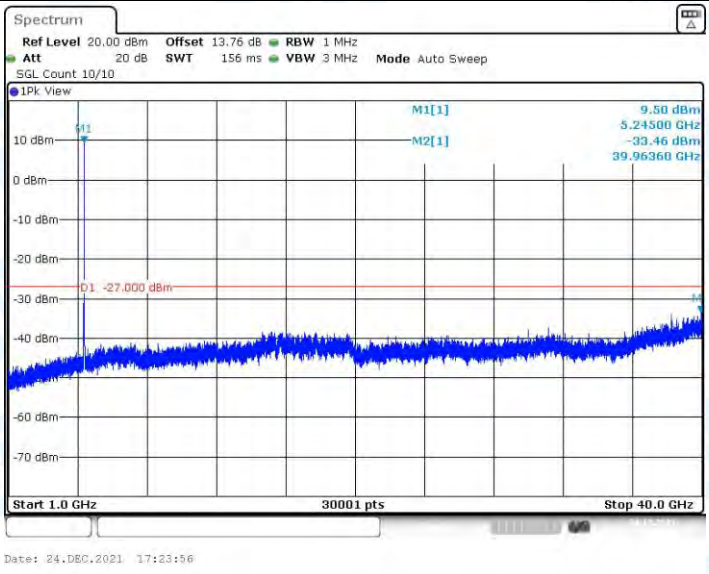


11N20MIMO_Ant2_5240_30~1000



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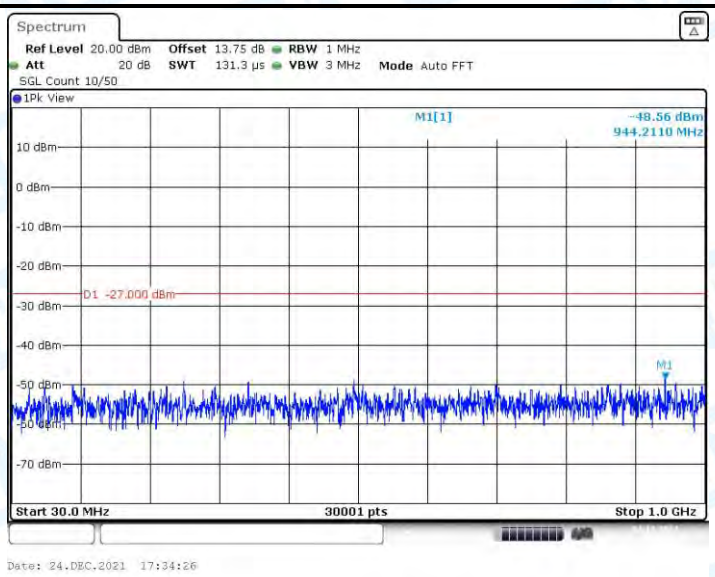

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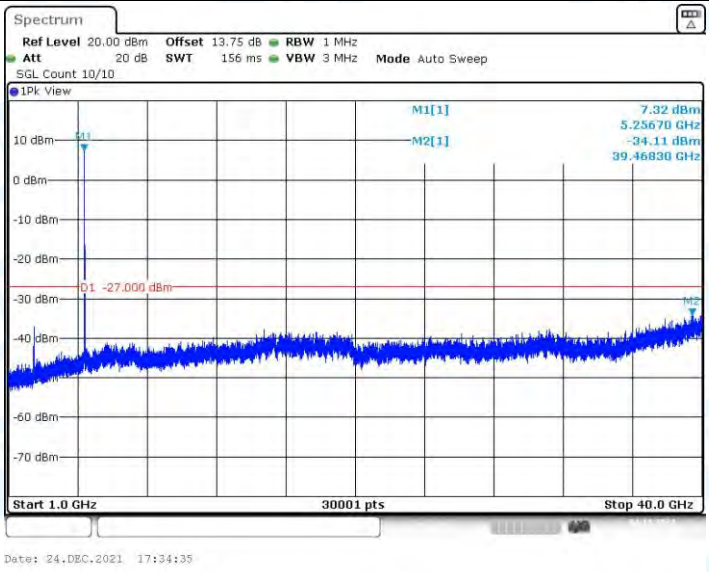

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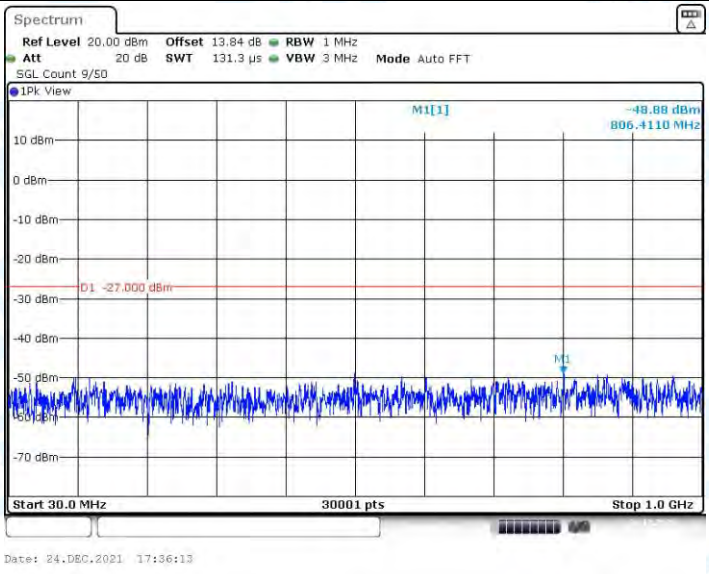
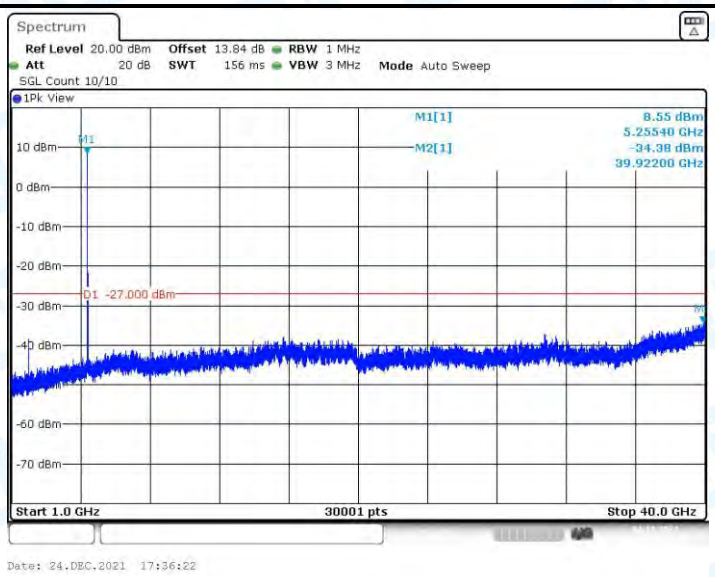


11N20MIMO_Ant2_5260_30~1000



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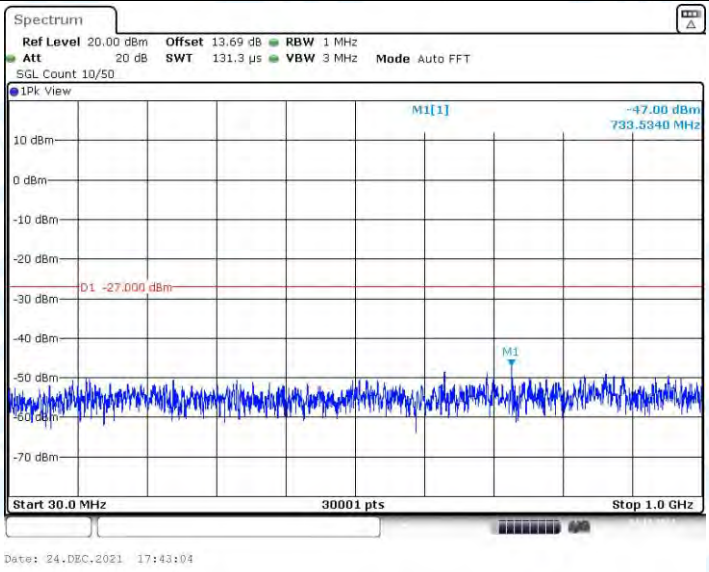
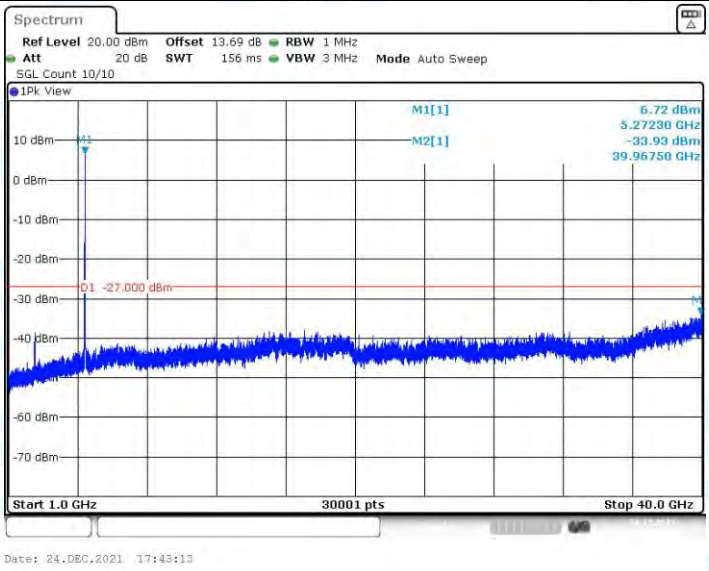


11N20MIMO_Ant1_5280_30~1000



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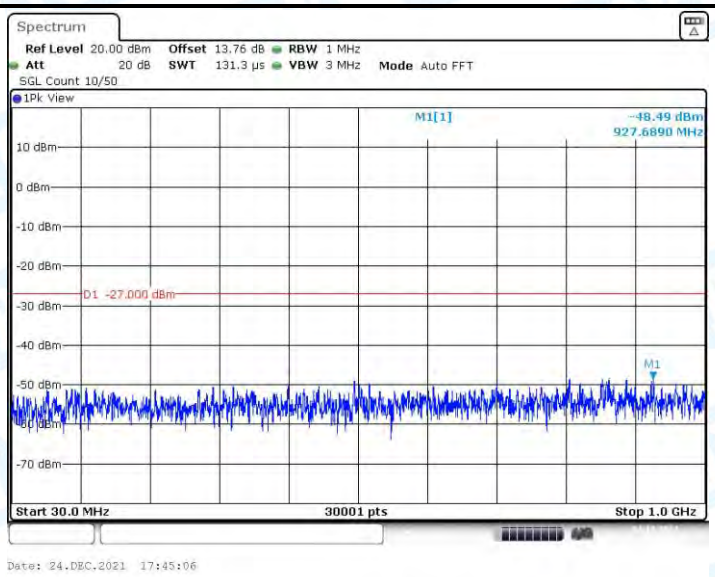

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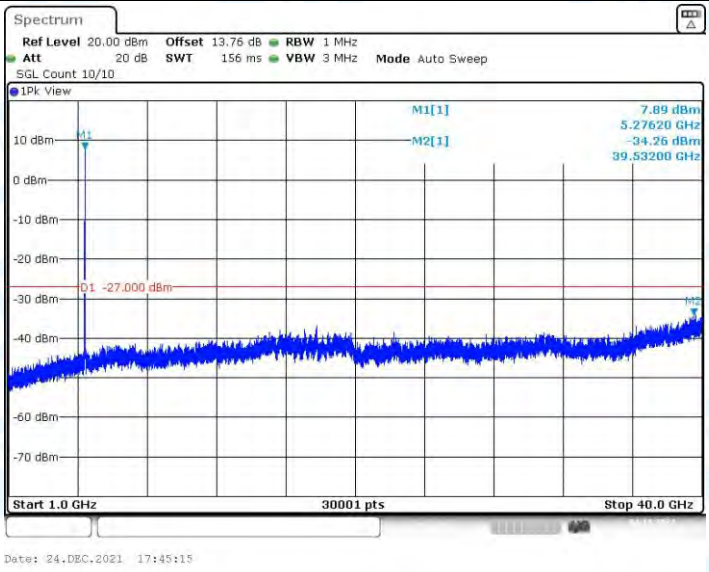

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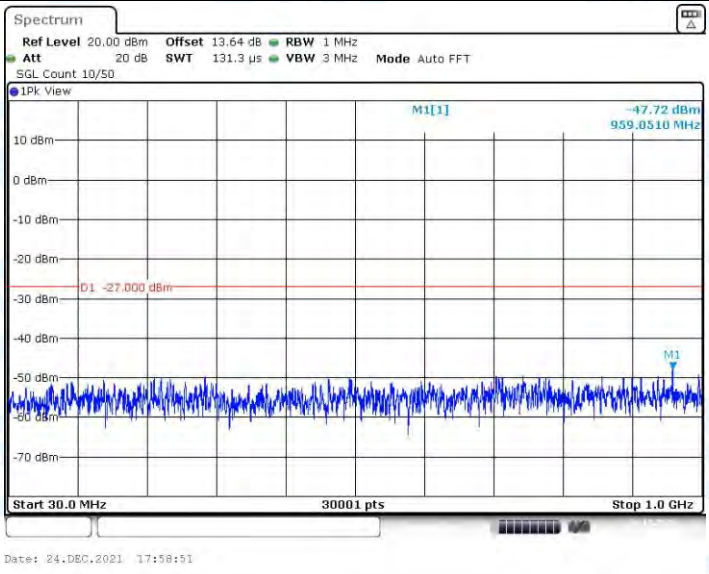
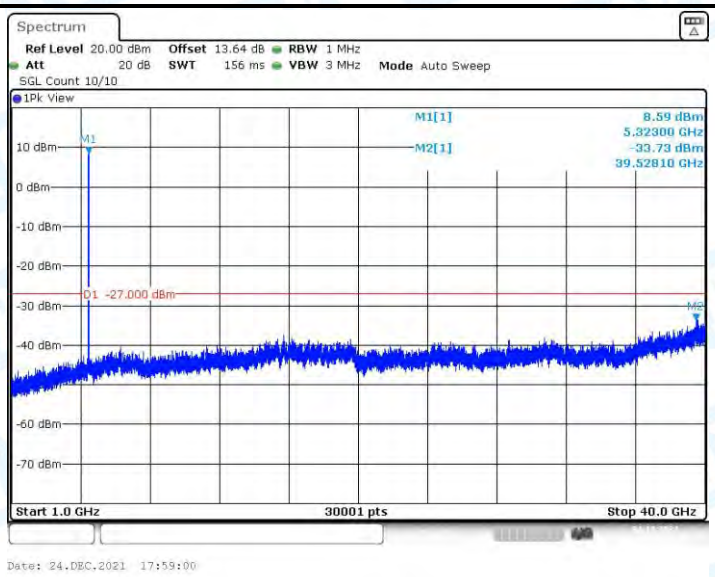


11N20MIMO_Ant1_5320_30~1000



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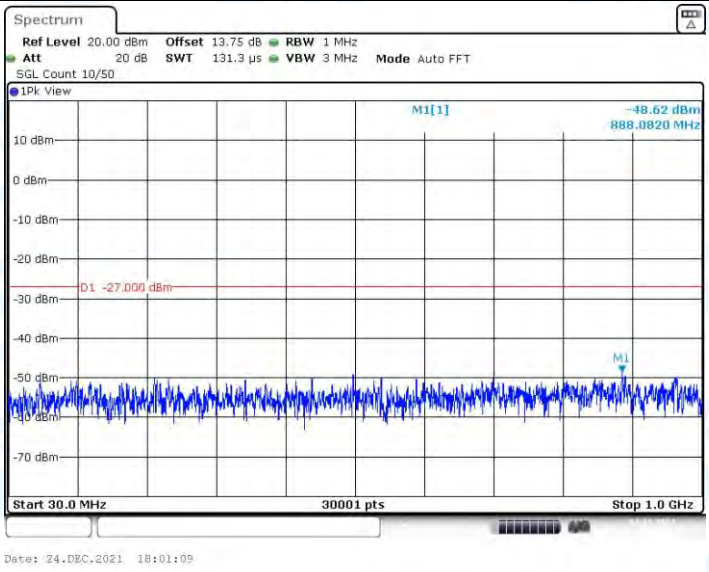

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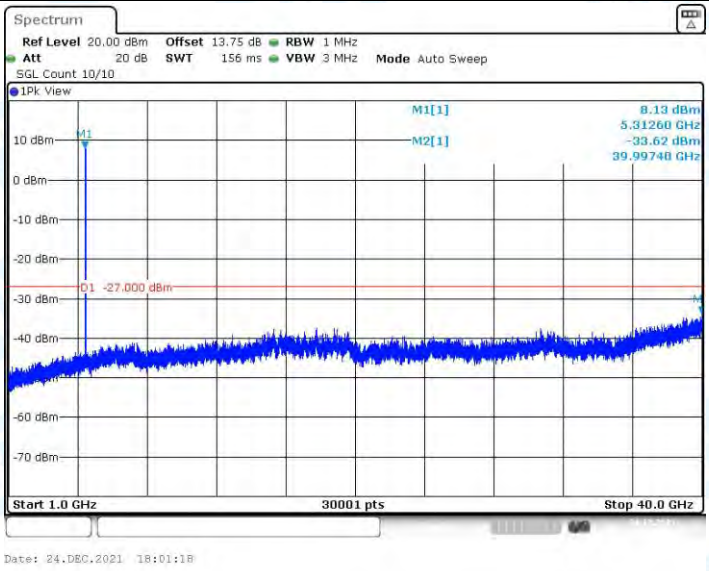

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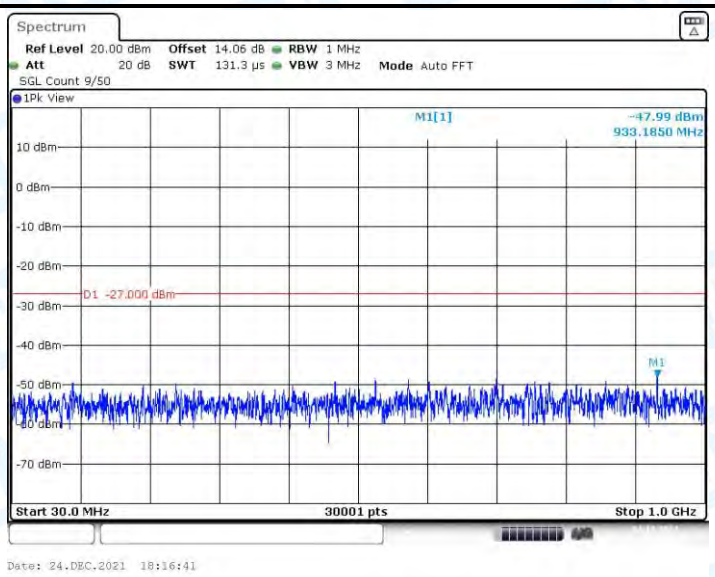
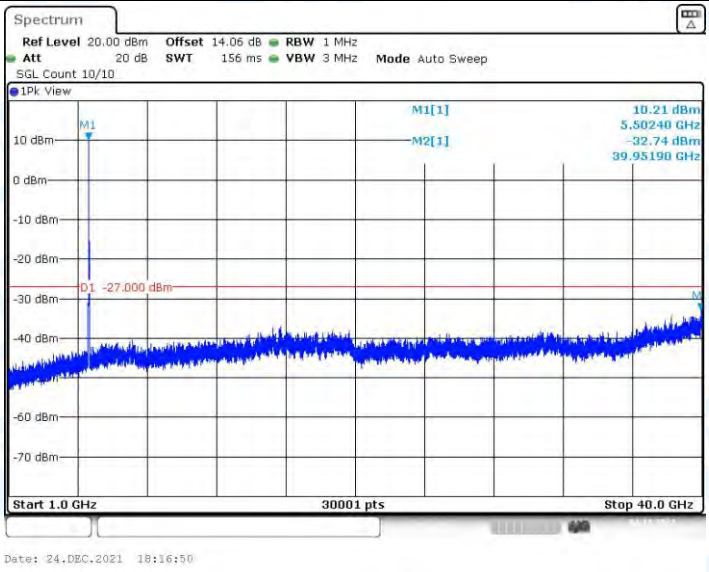
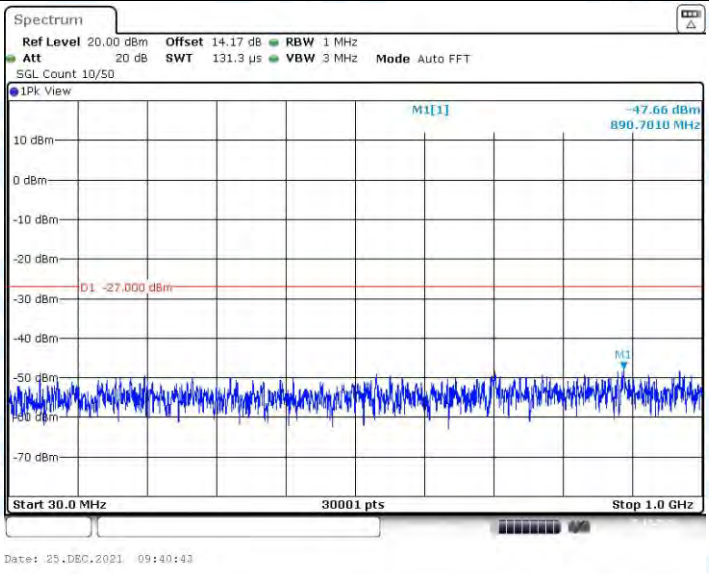


11N20MIMO_Ant1_5500_30~1000



11N20MIMO_Ant1_5500_1000~40000



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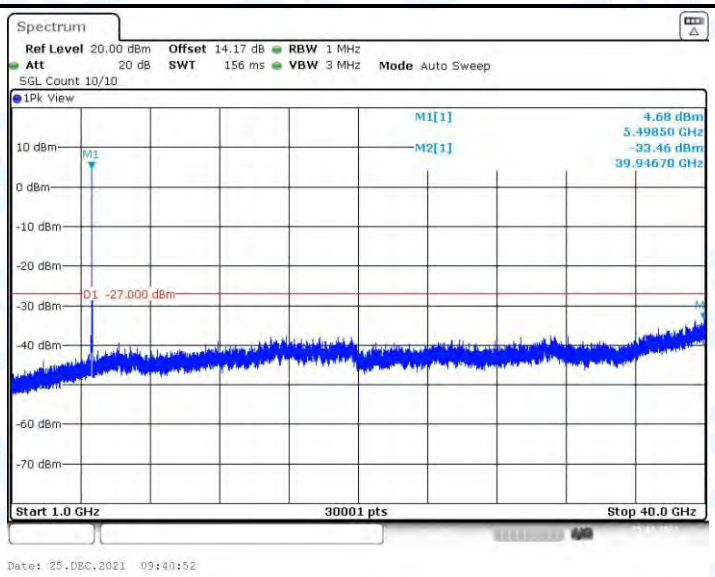

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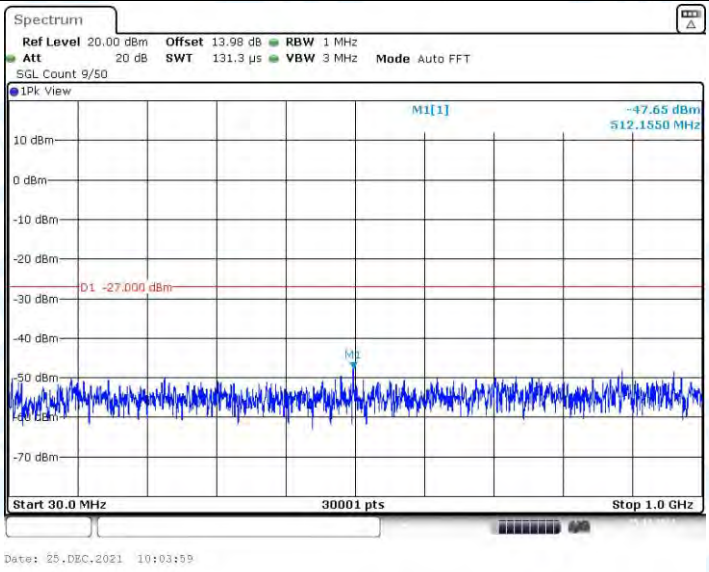
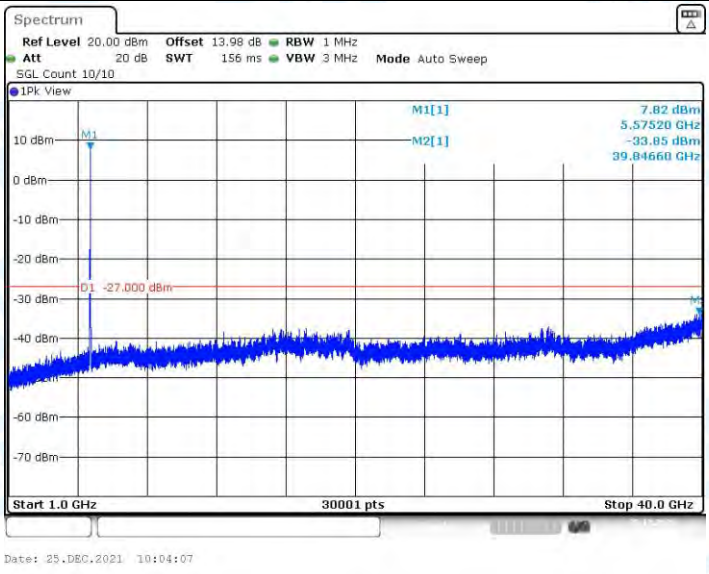


11N20MIMO_Ant1_5580_30~1000



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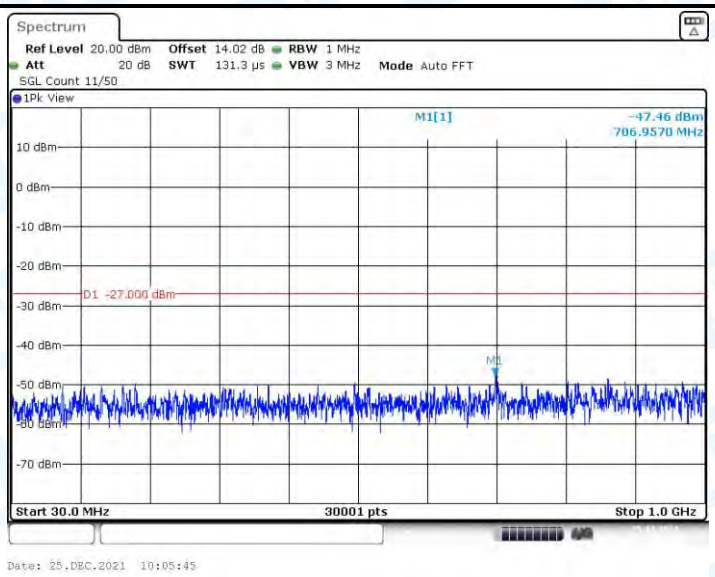

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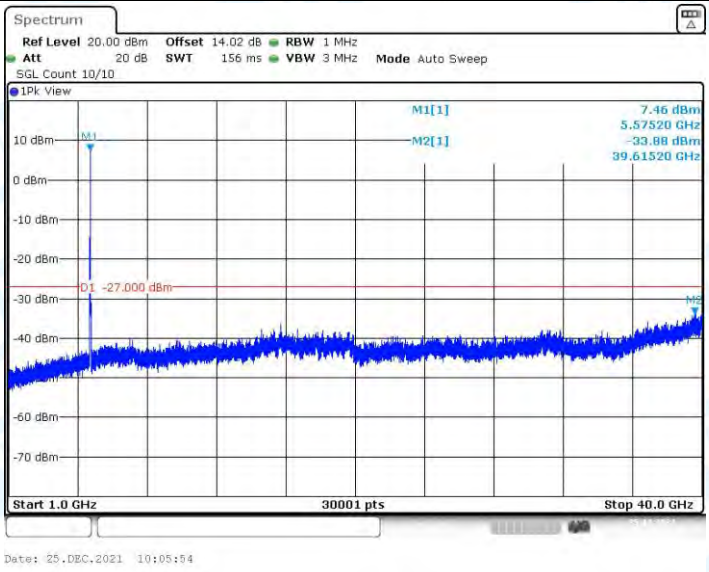

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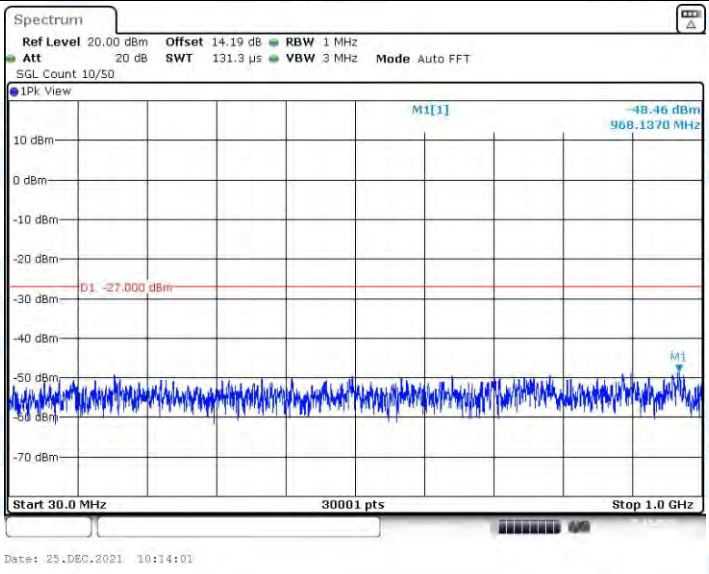

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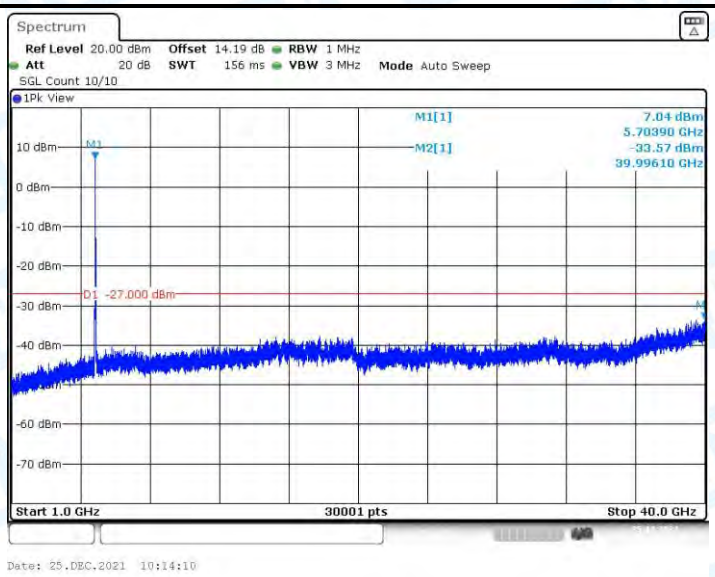

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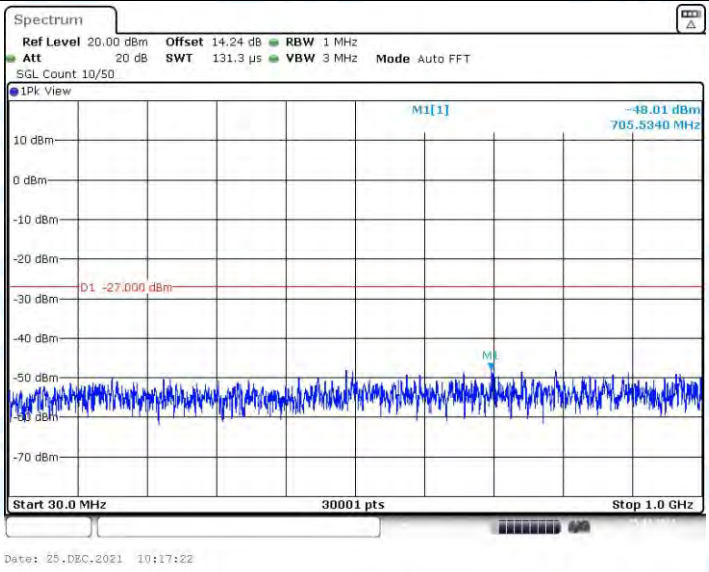

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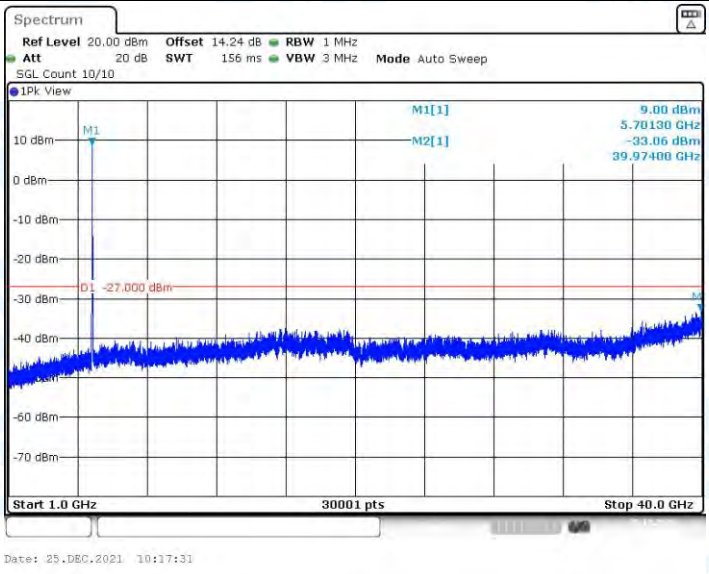

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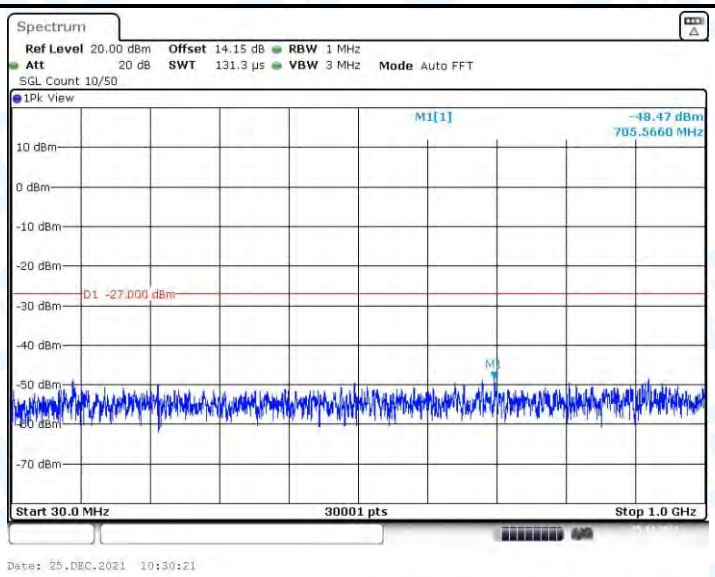

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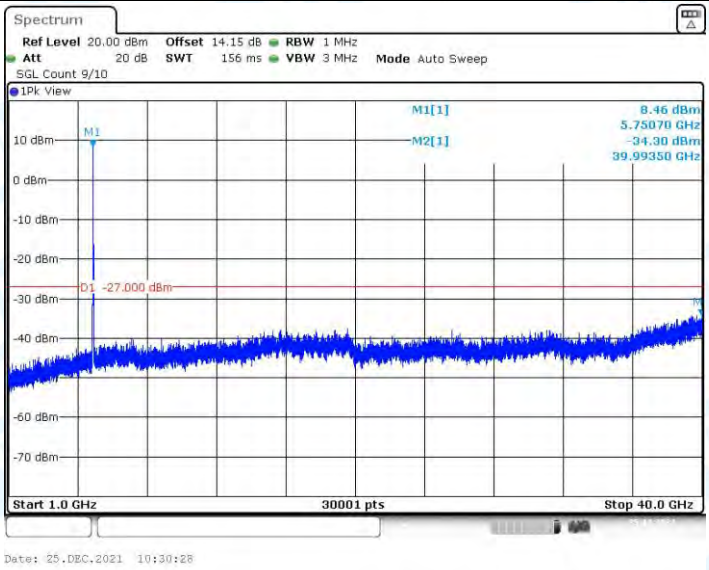

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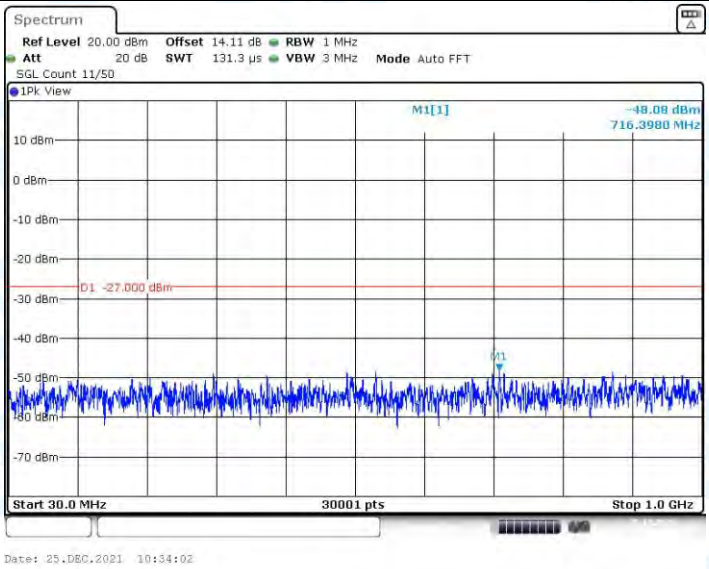

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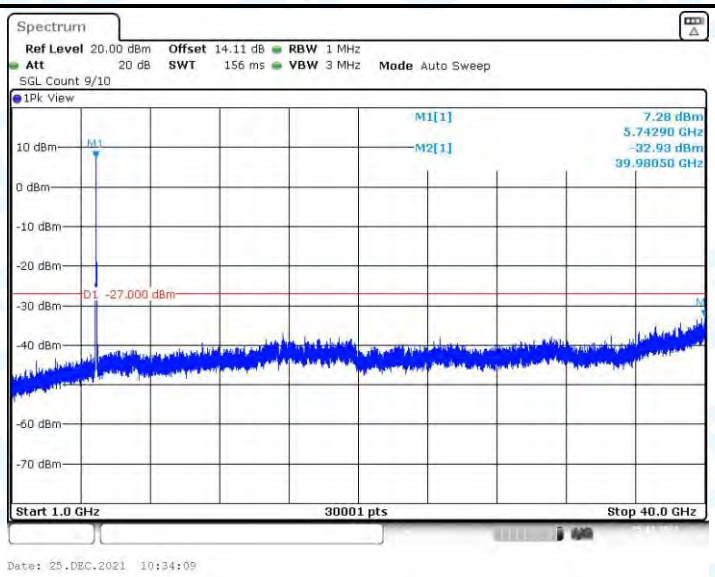

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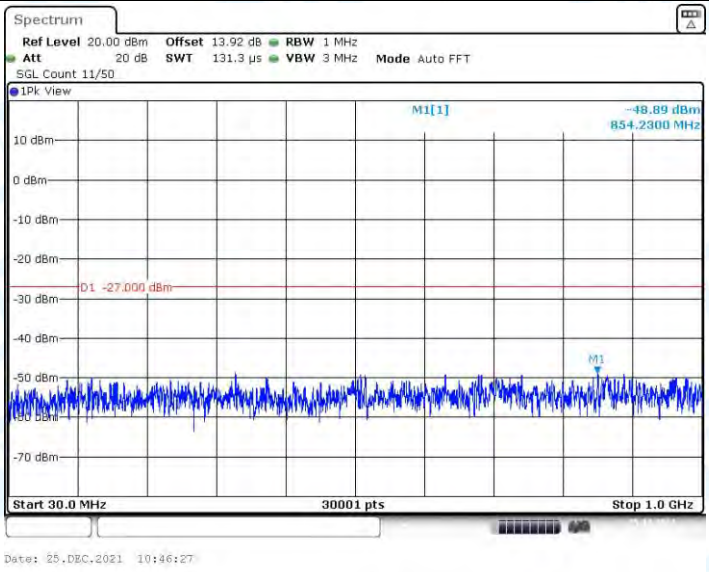

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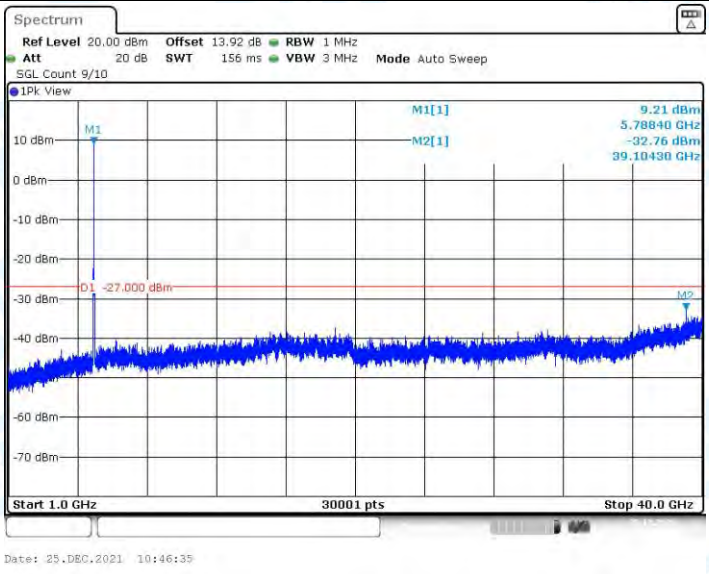

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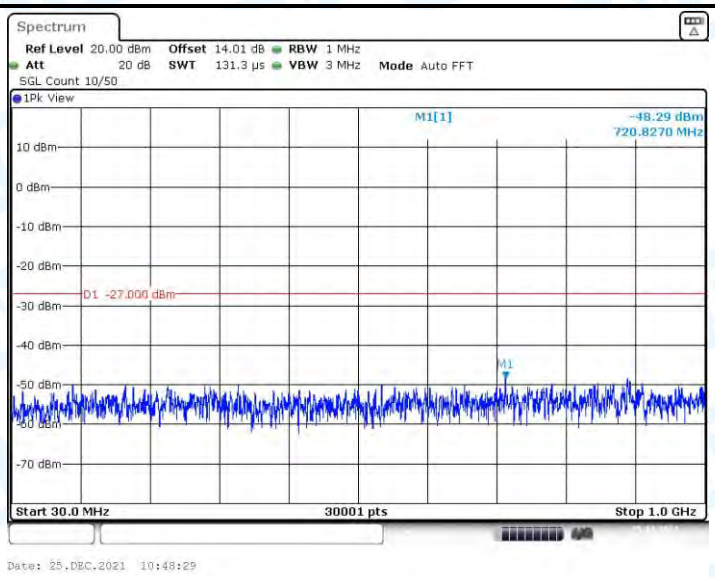

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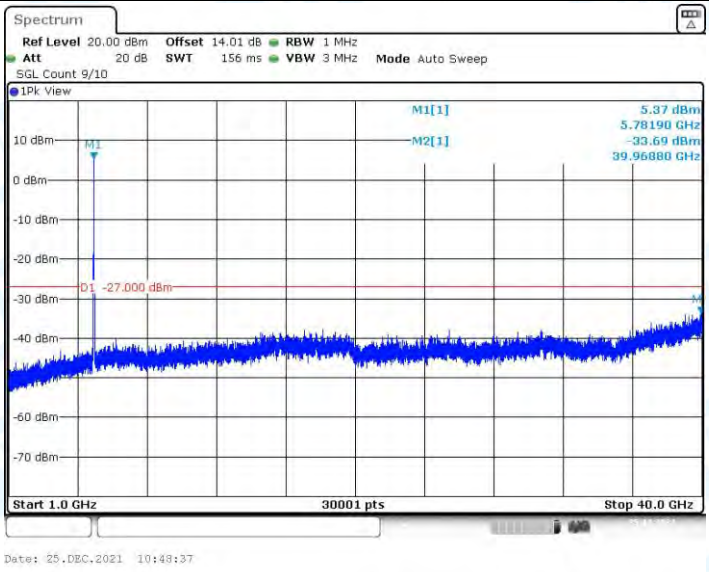

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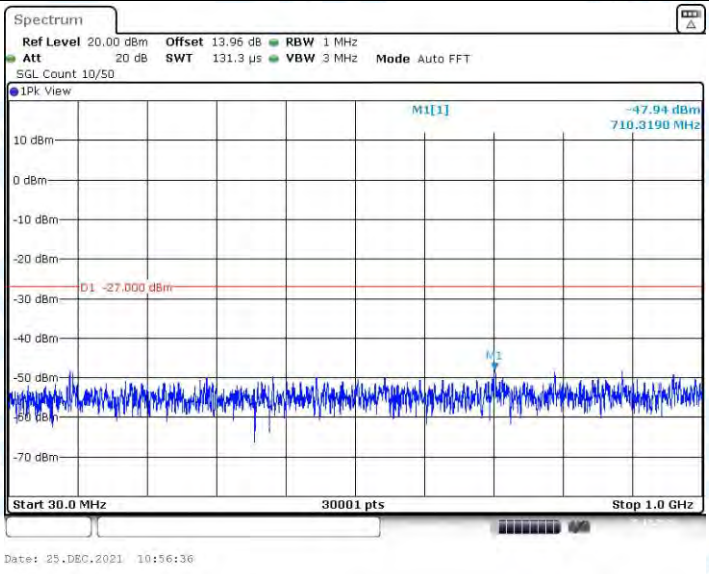

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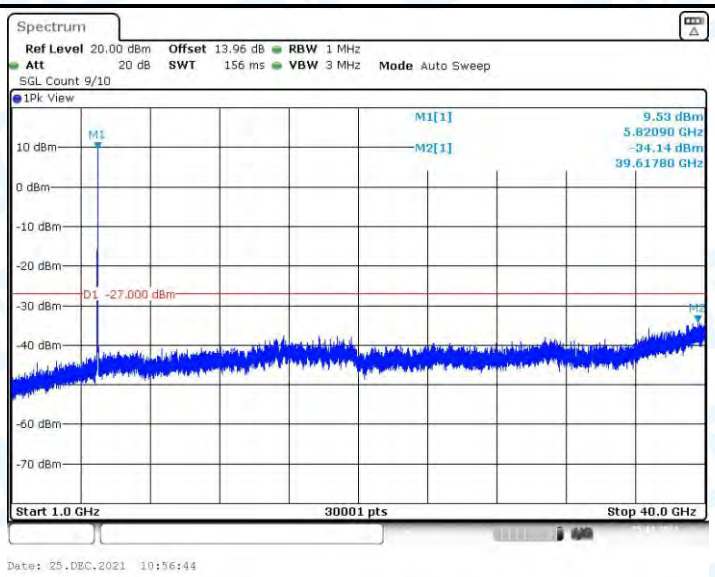

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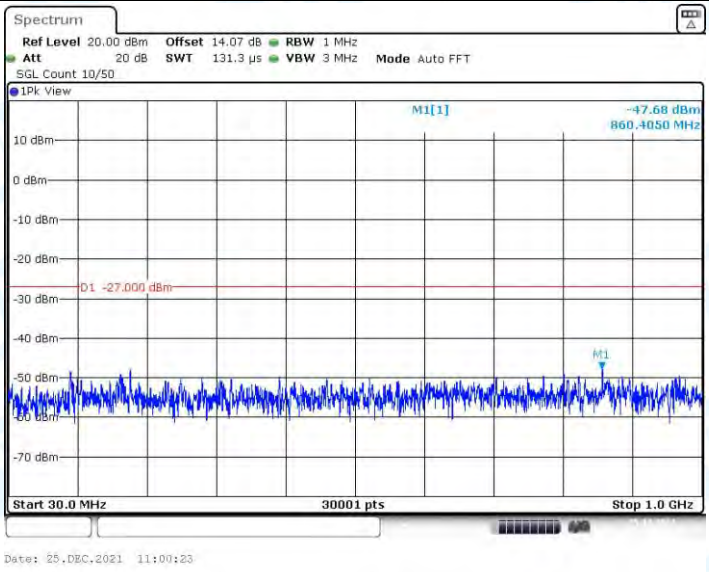

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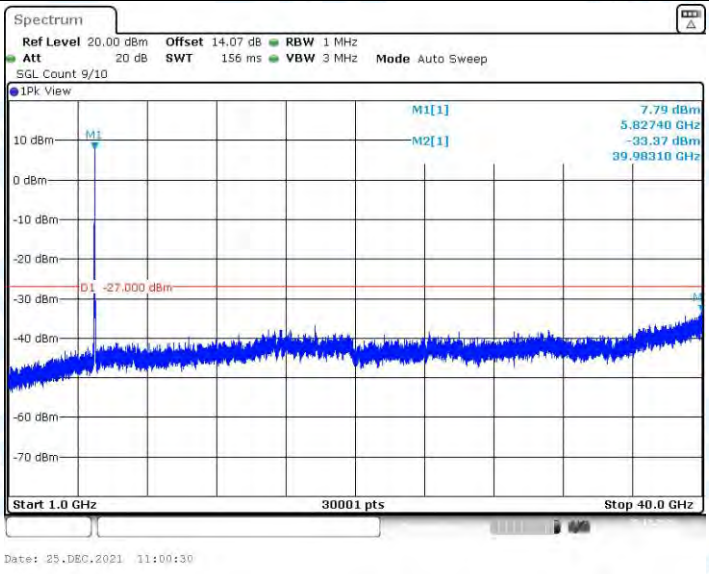

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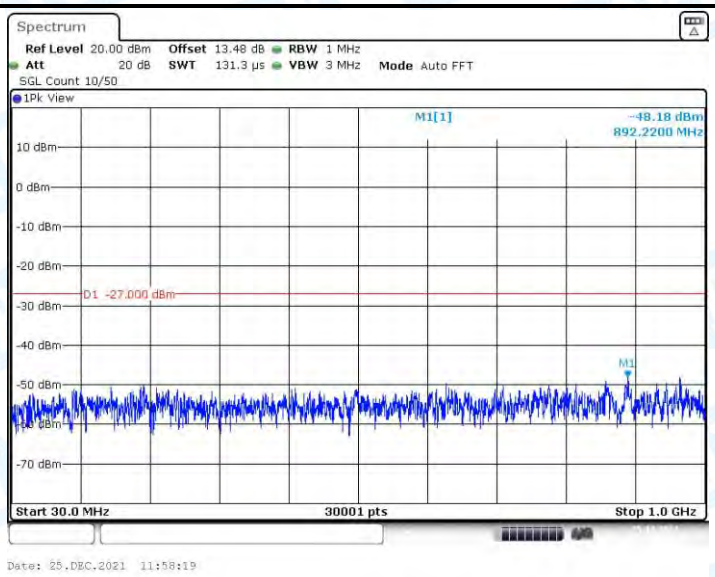

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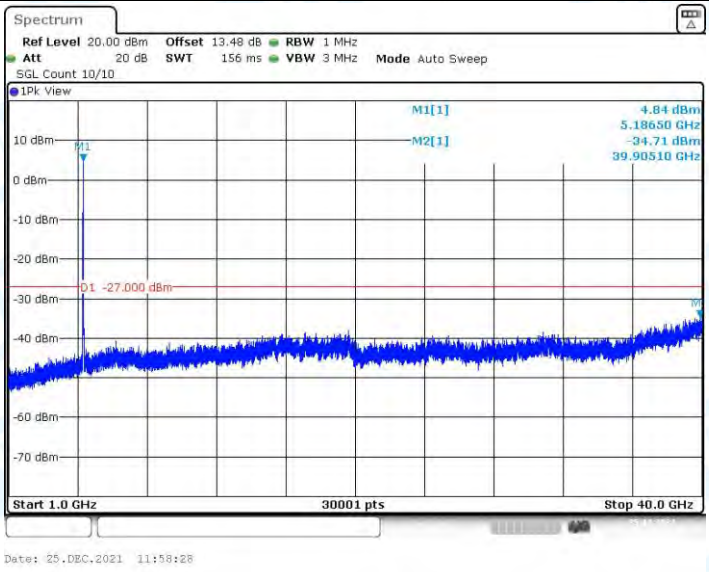

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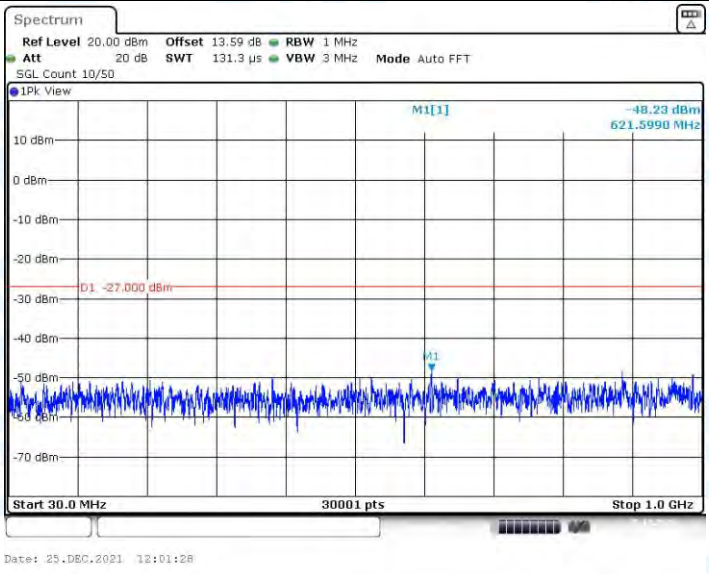

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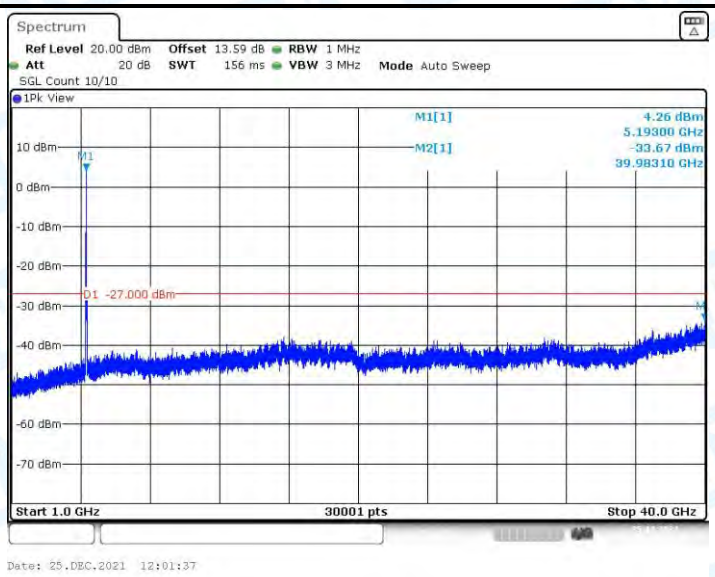

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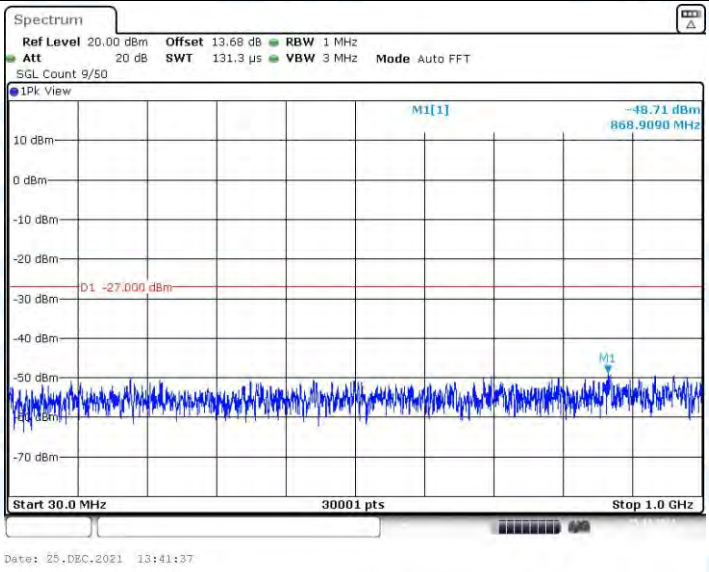

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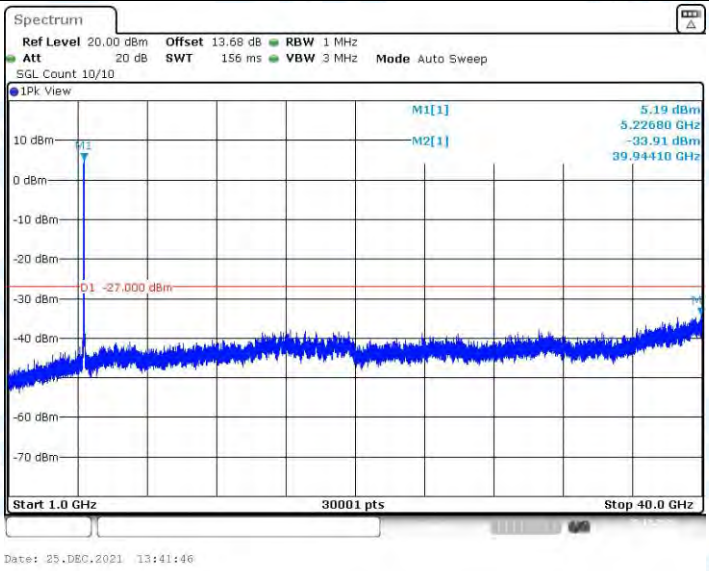

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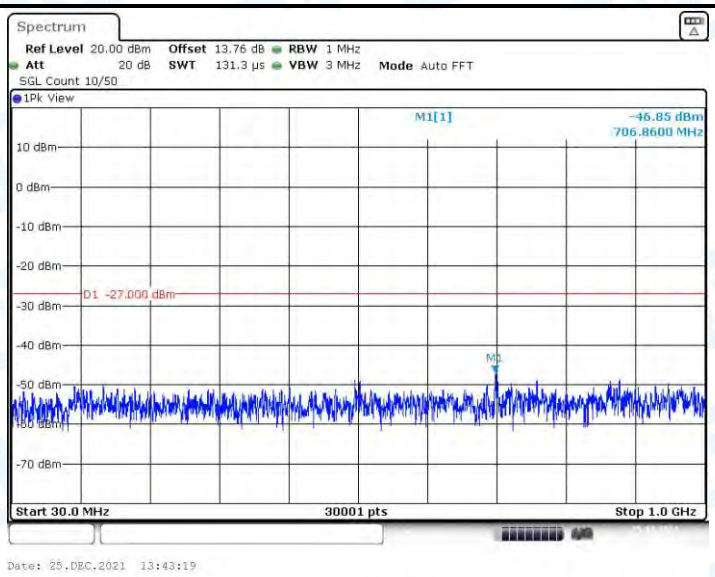

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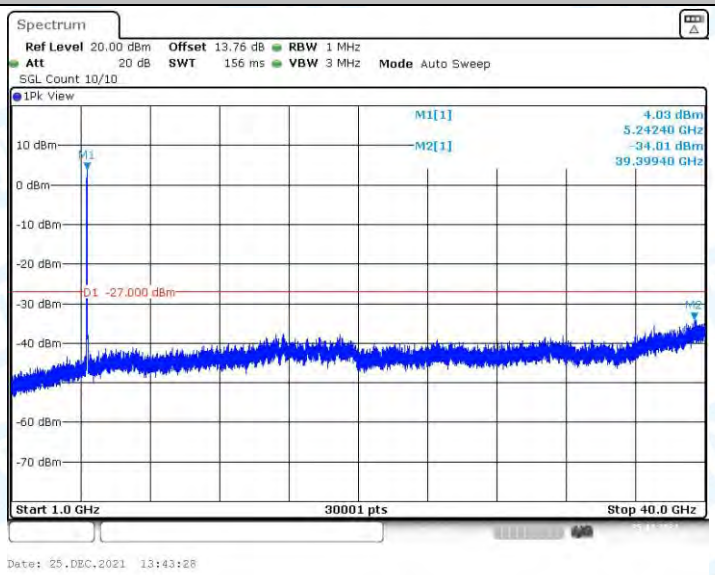

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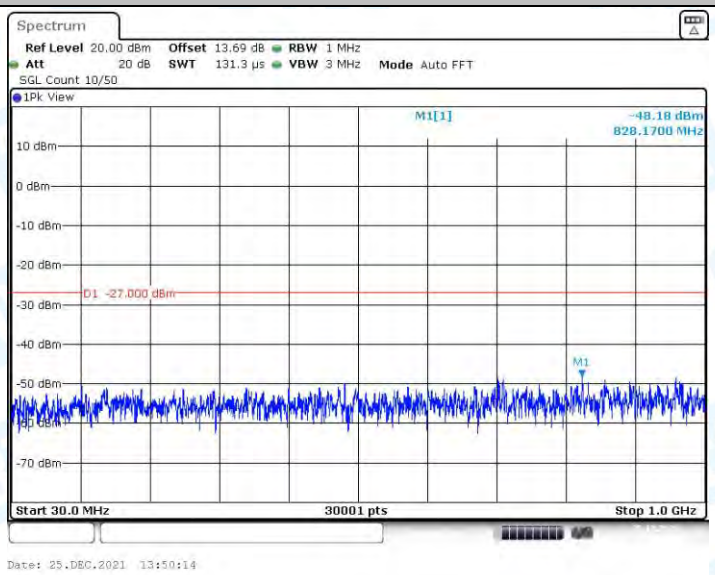
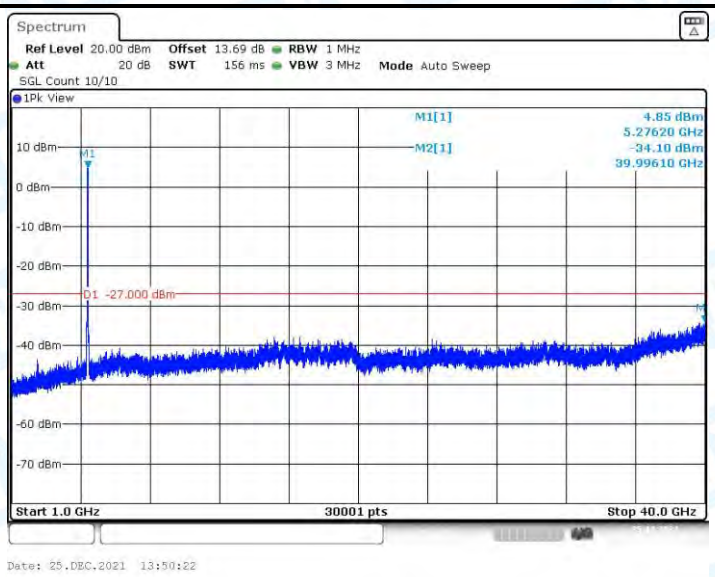
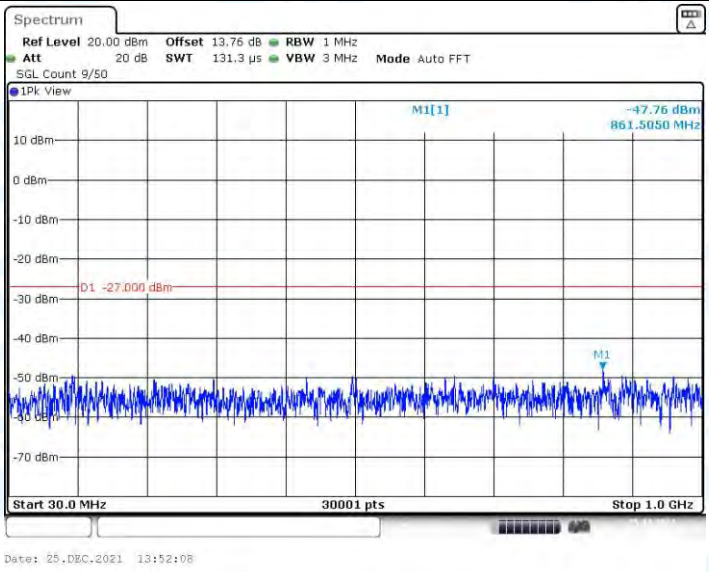


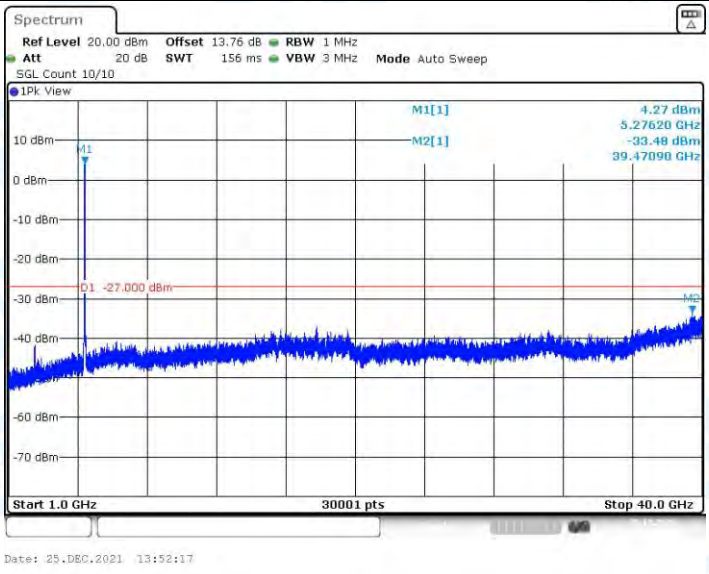
11N40MIMO_Ant1_5270_30~1000



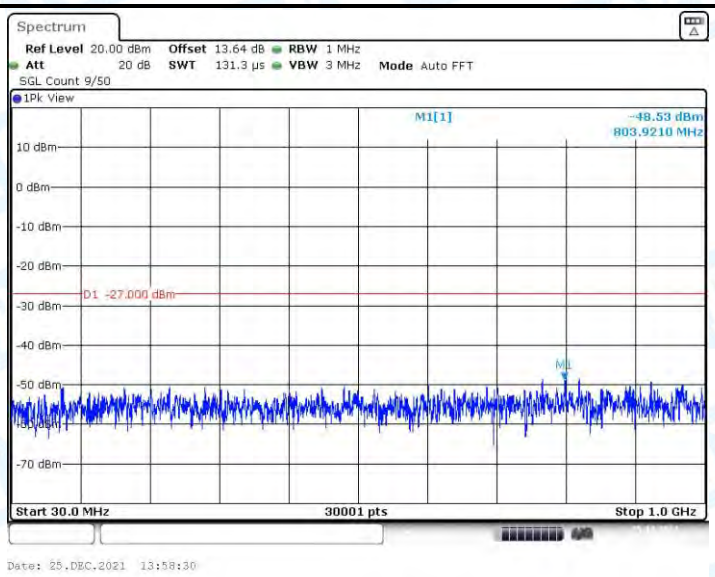
11N40MIMO_Ant1_5270_1000~40000



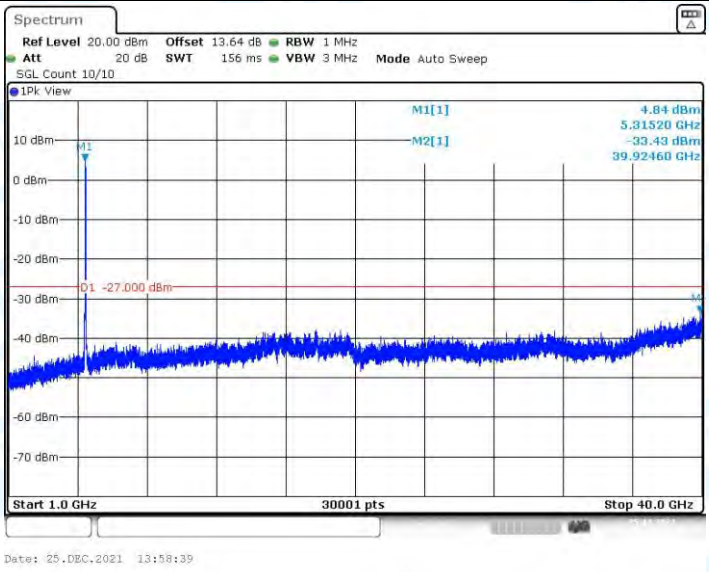
11N40MIMO_Ant2_5270_30~1000



11N40MIMO_Ant2_5270_1000~40000



11N40MIMO_Ant1_5310_30~1000



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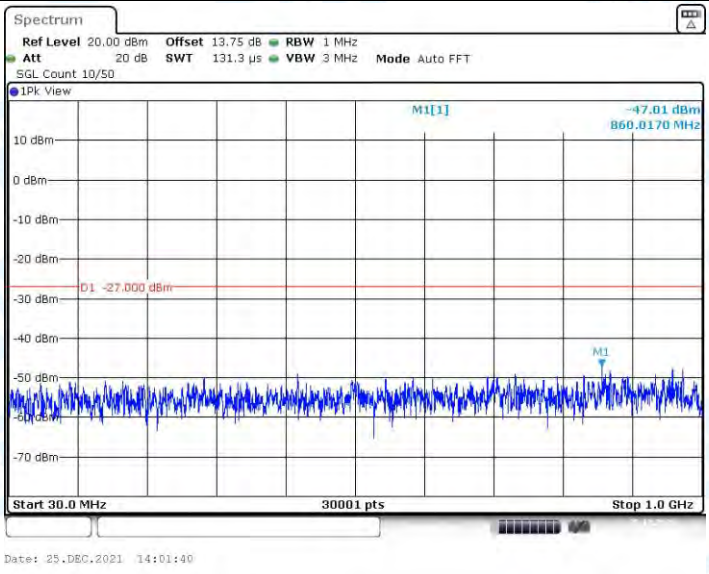

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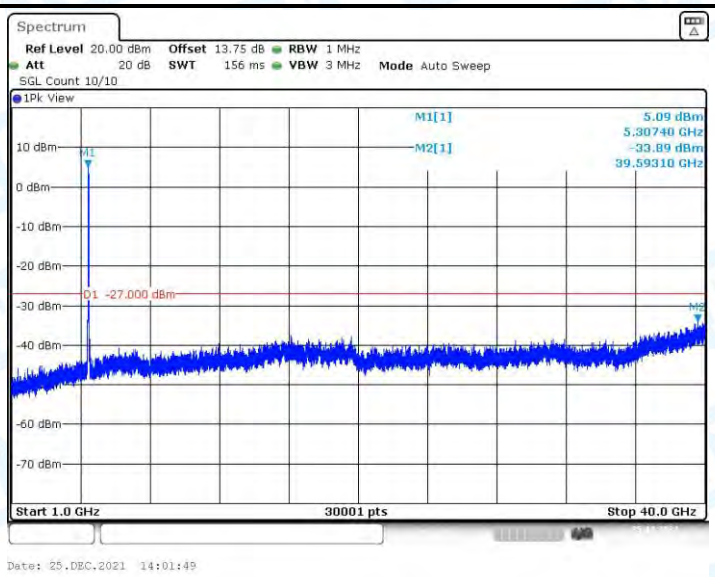

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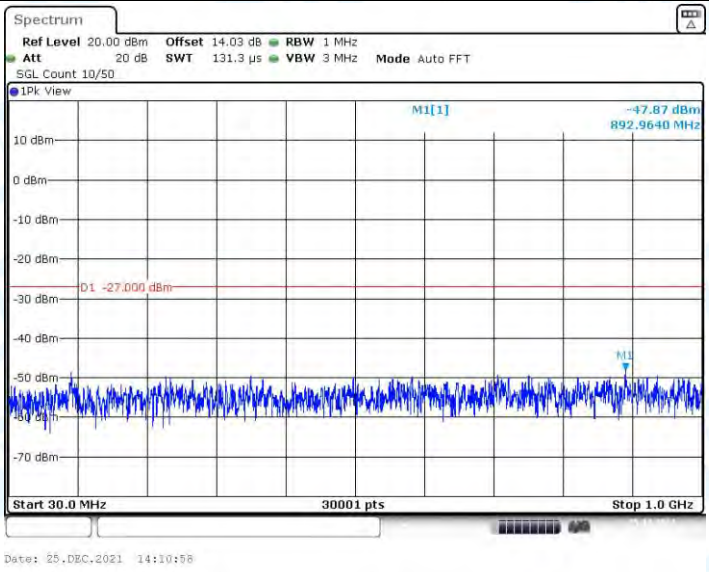
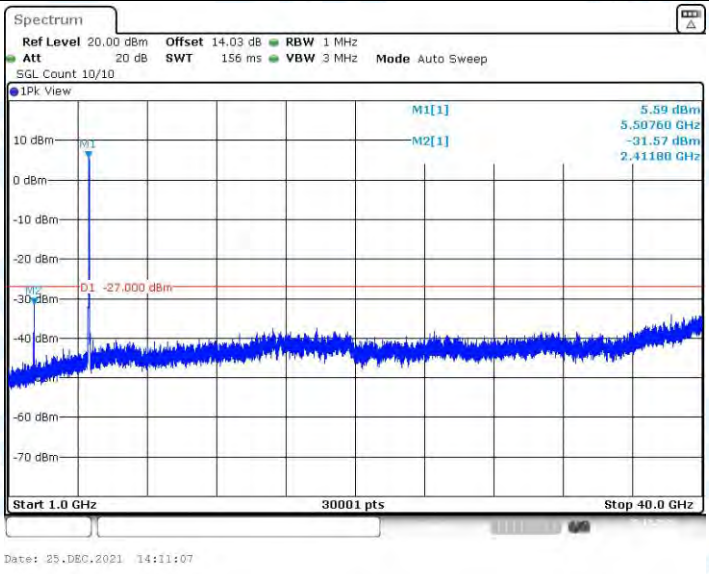


11N40MIMO_Ant1_5510_30~1000



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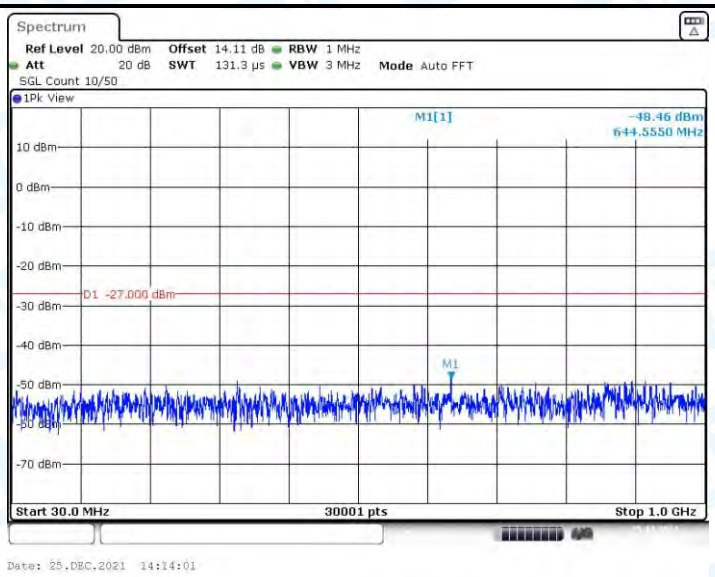

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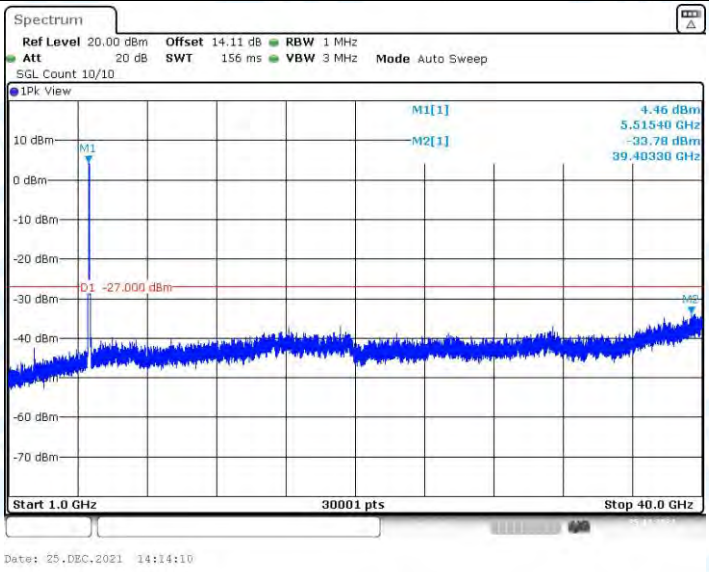
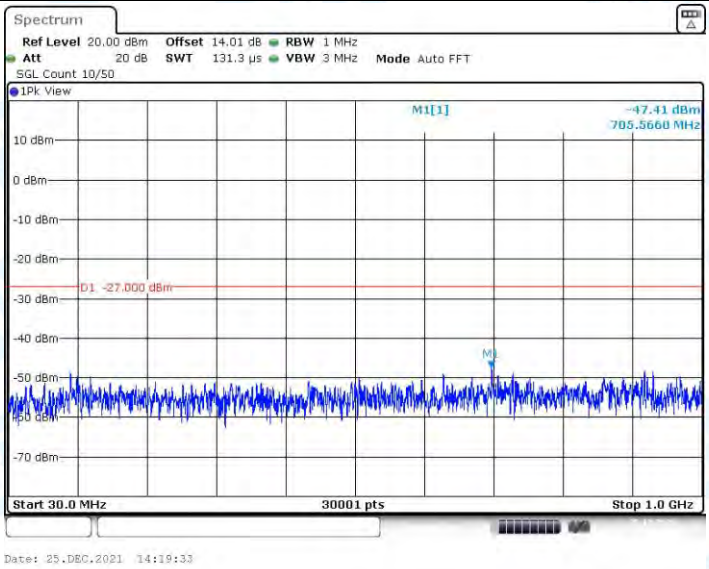
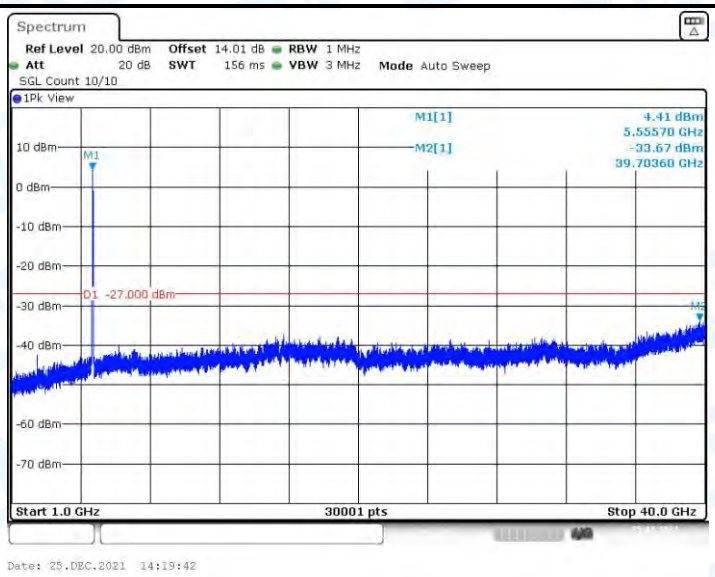


11N40MIMO_Ant2_5510_1000~40000



11N40MIMO_Ant1_5550_30~1000



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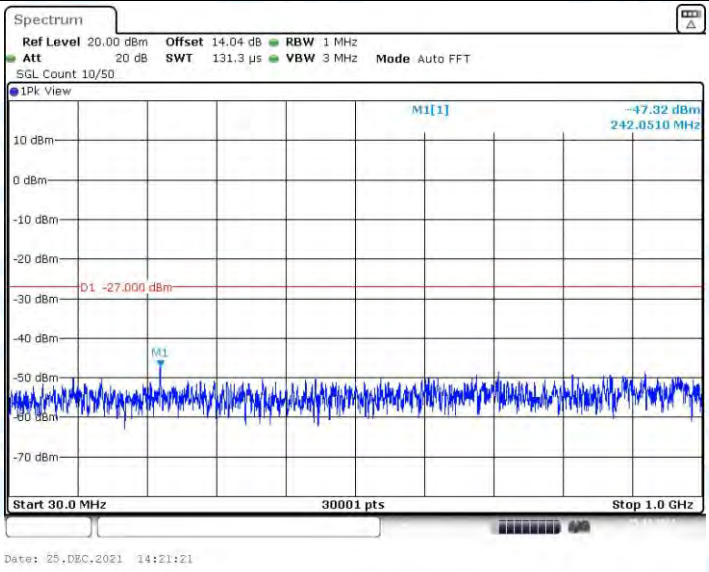

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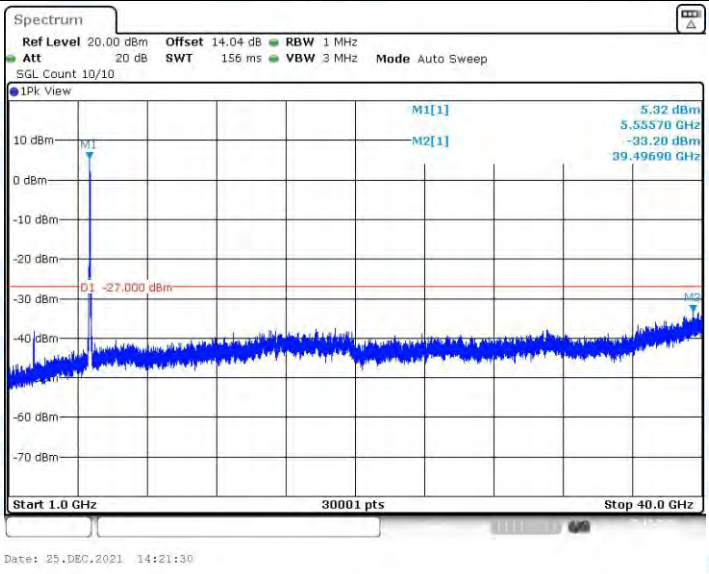

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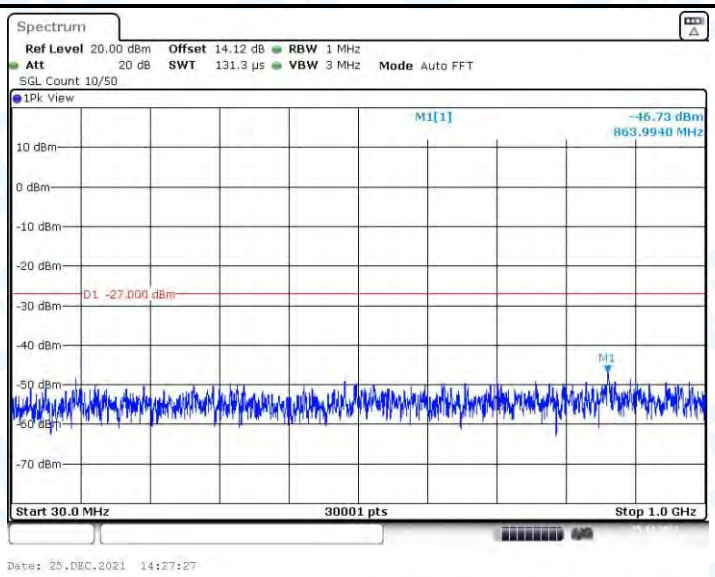
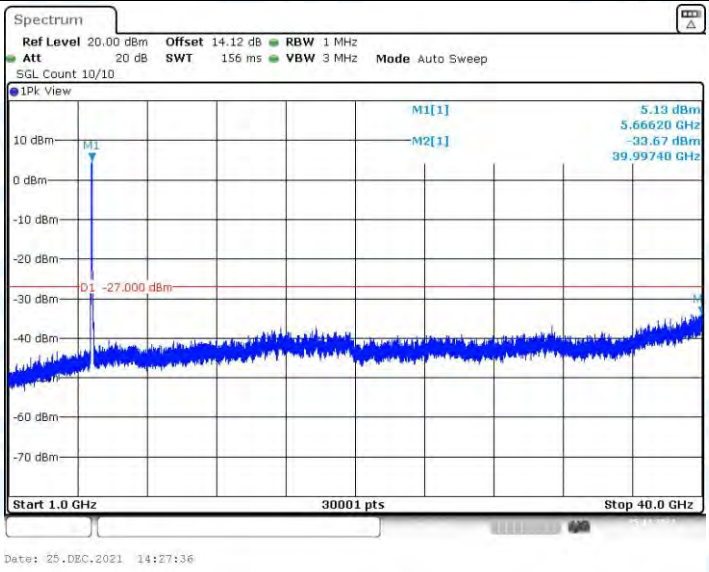


11N40MIMO_Ant1_5670_30~1000



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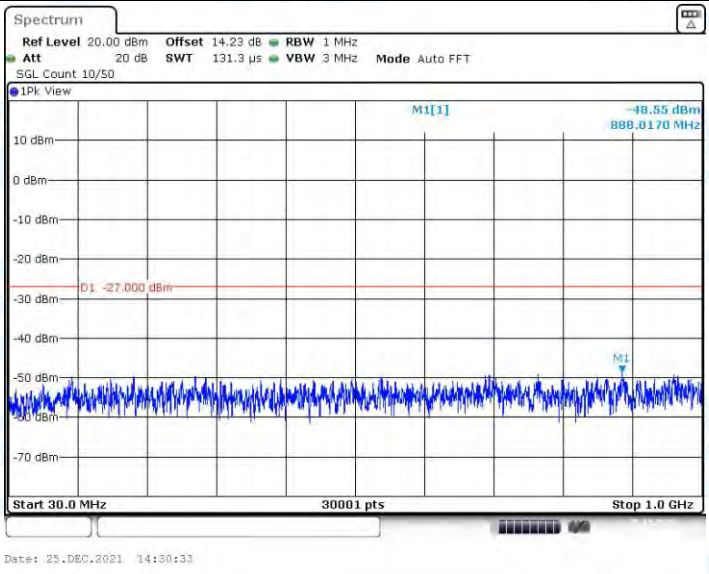

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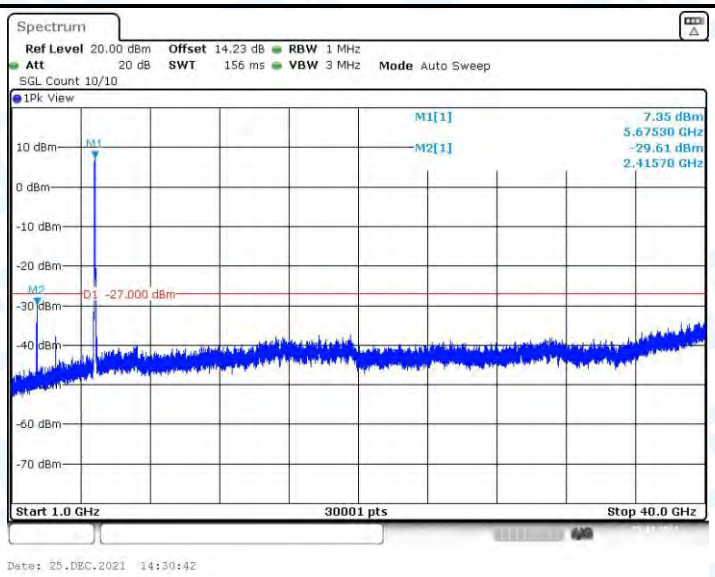

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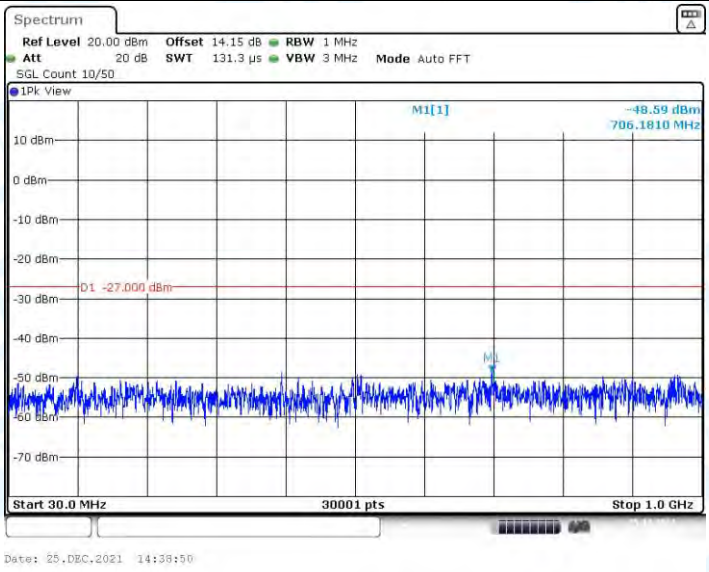

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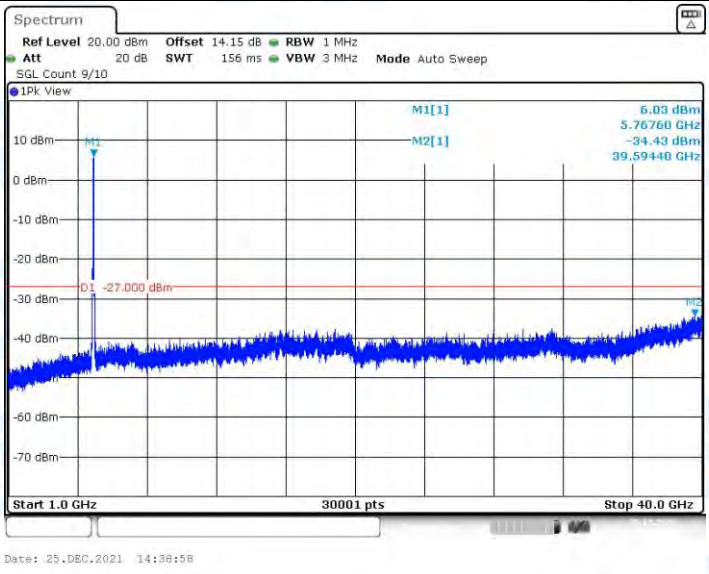

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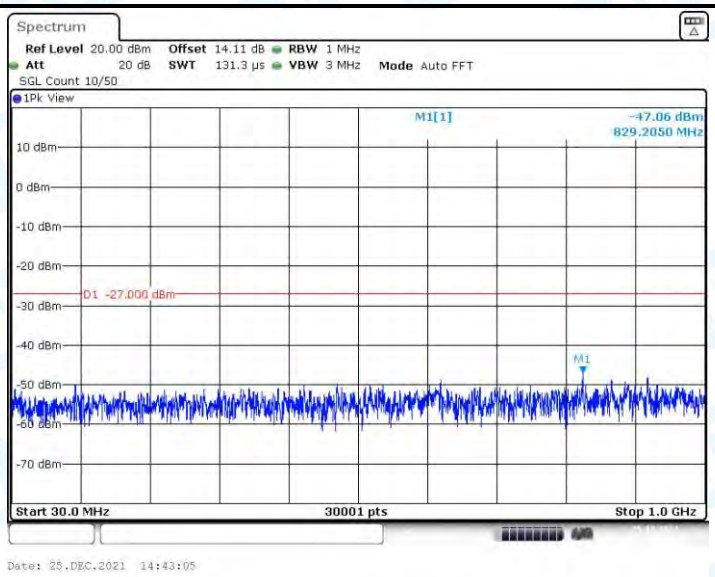

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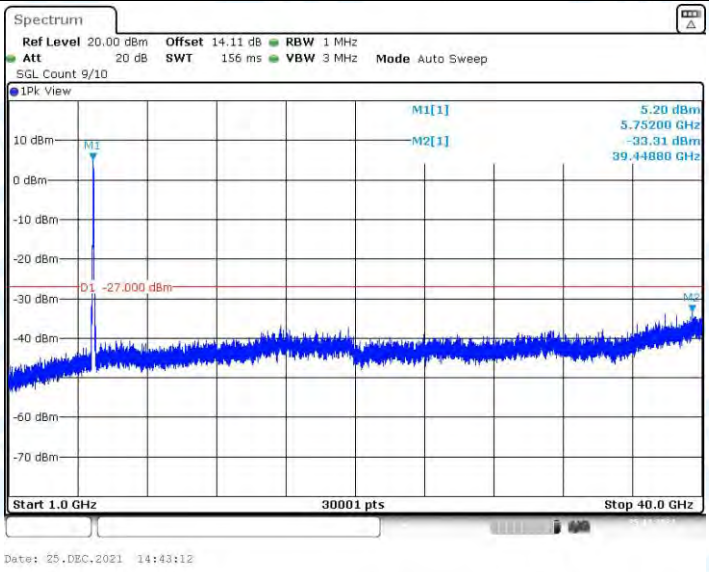

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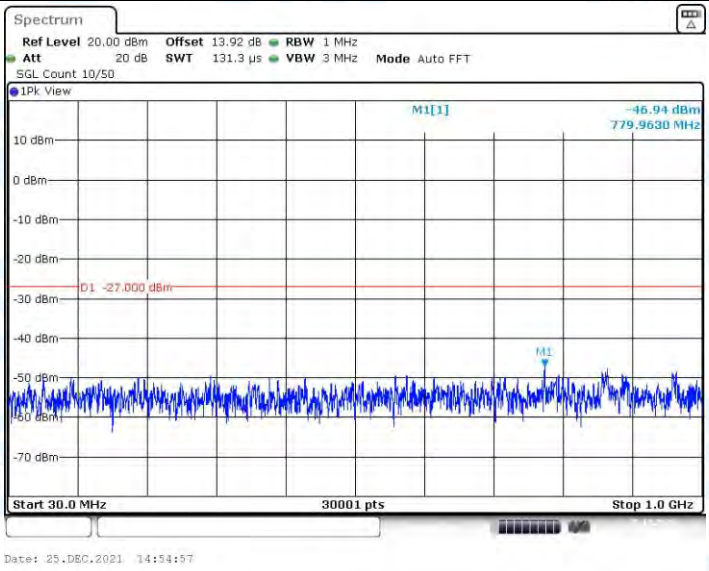

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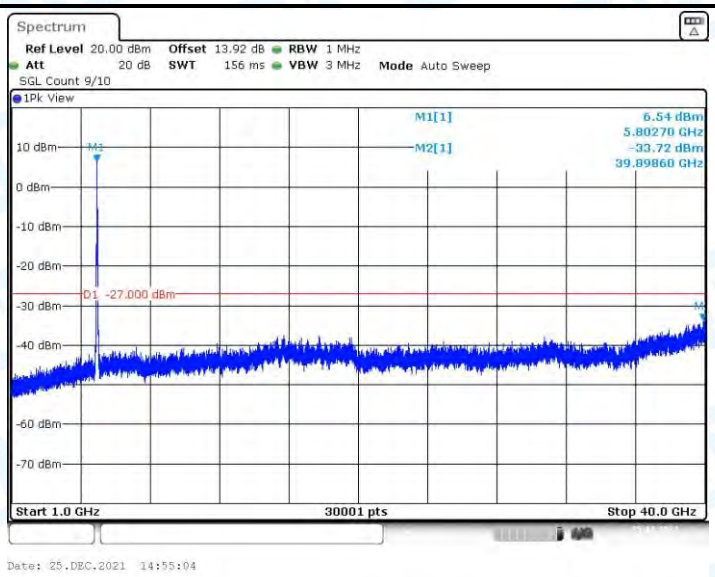

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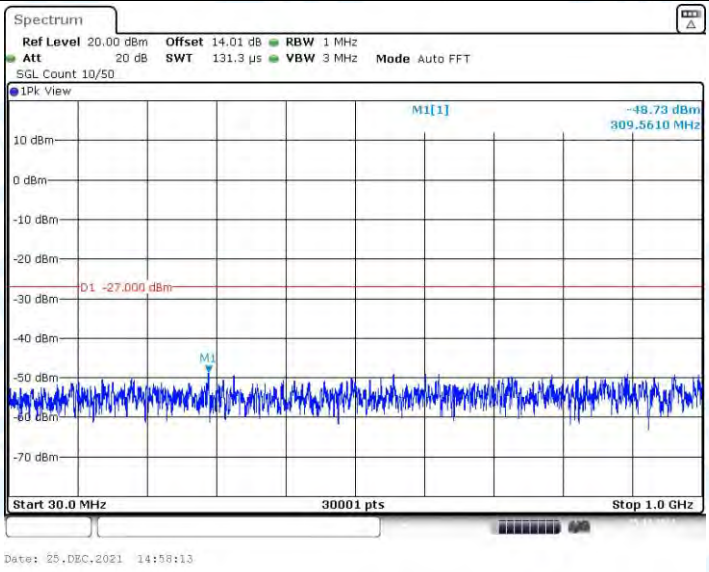

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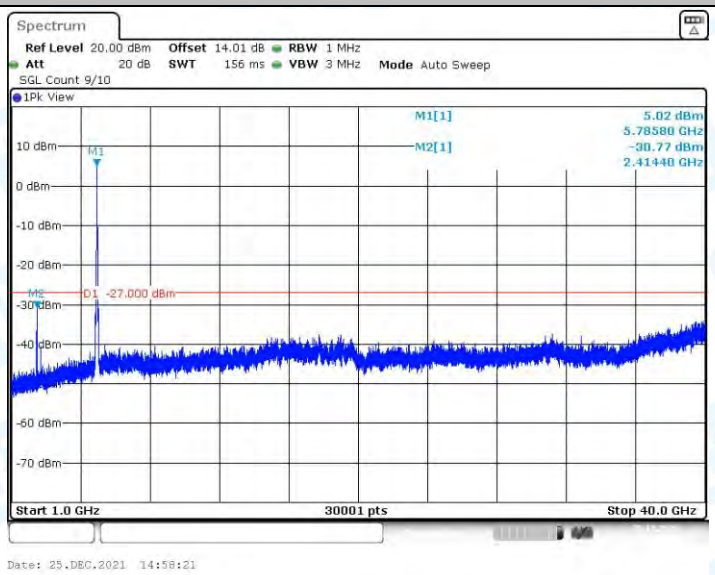

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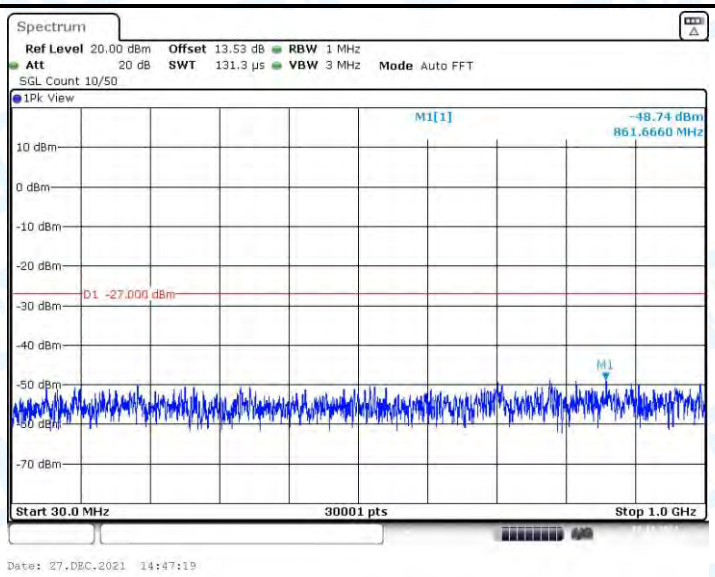

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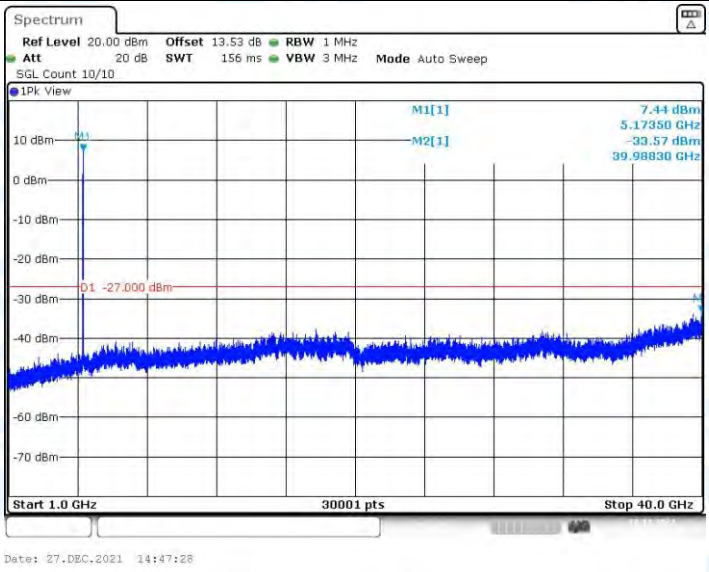

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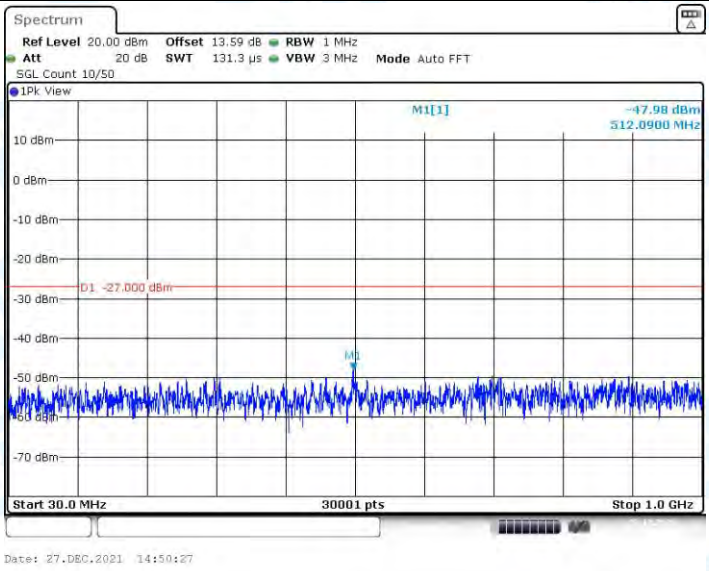

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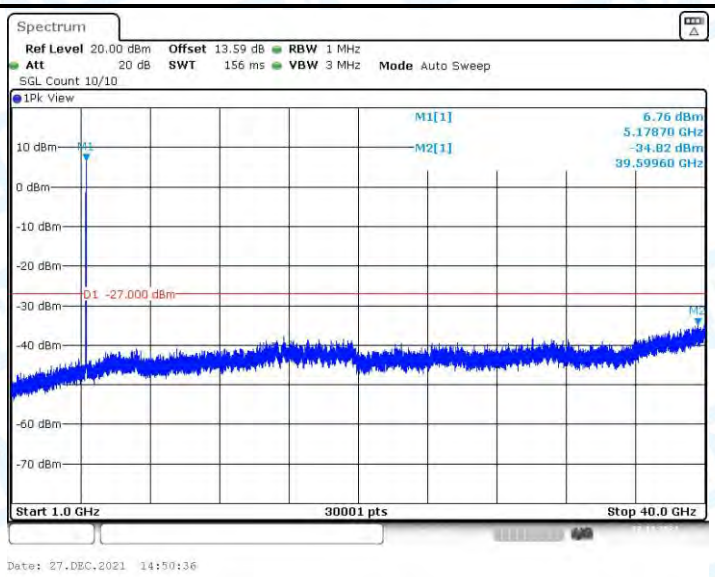

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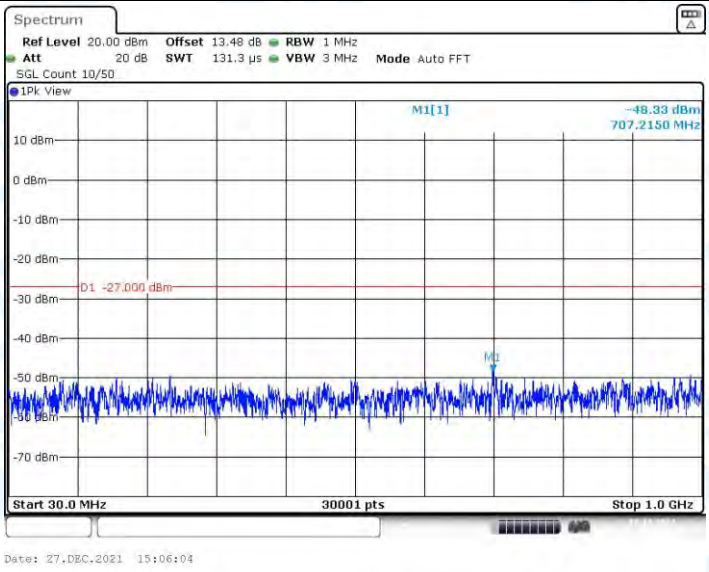

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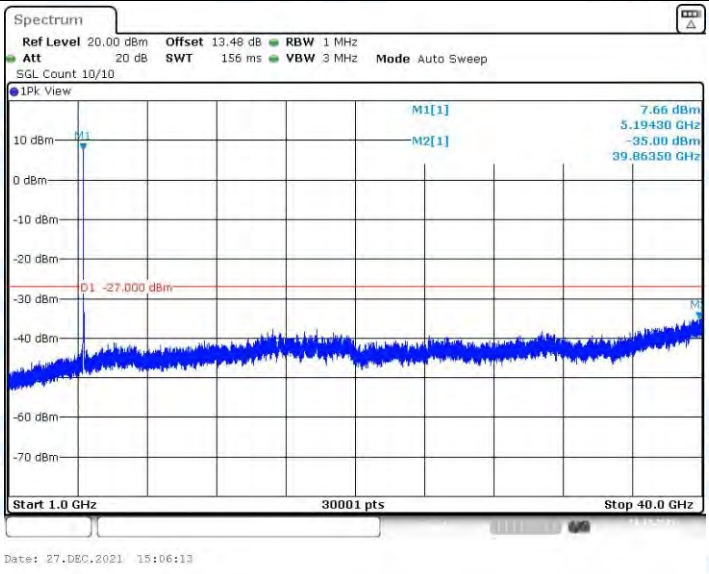

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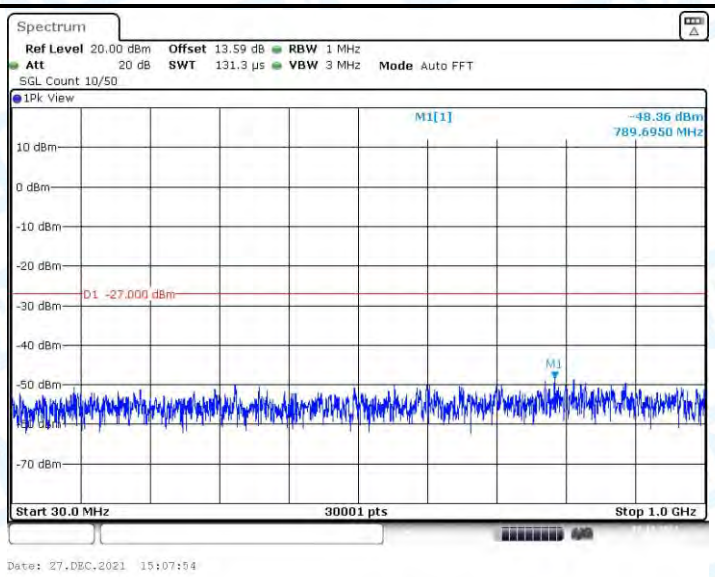

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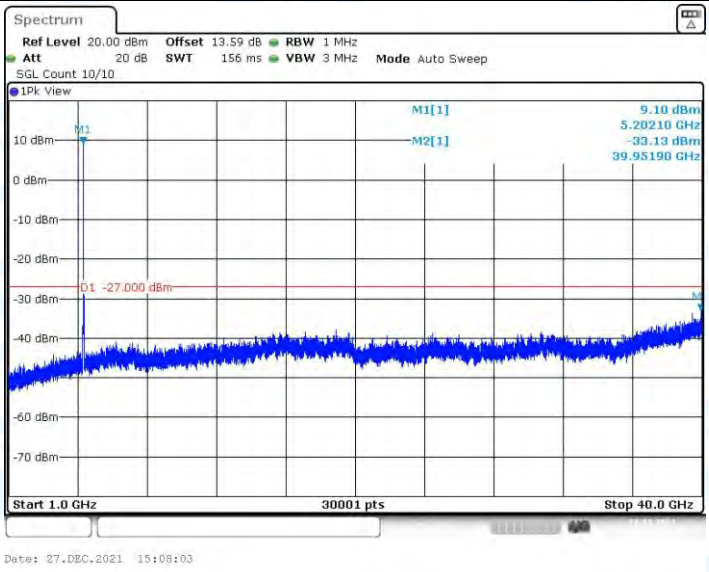

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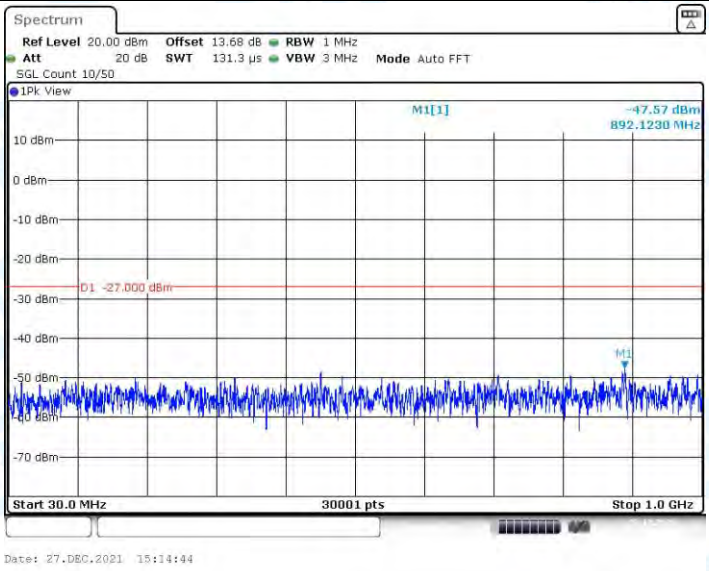

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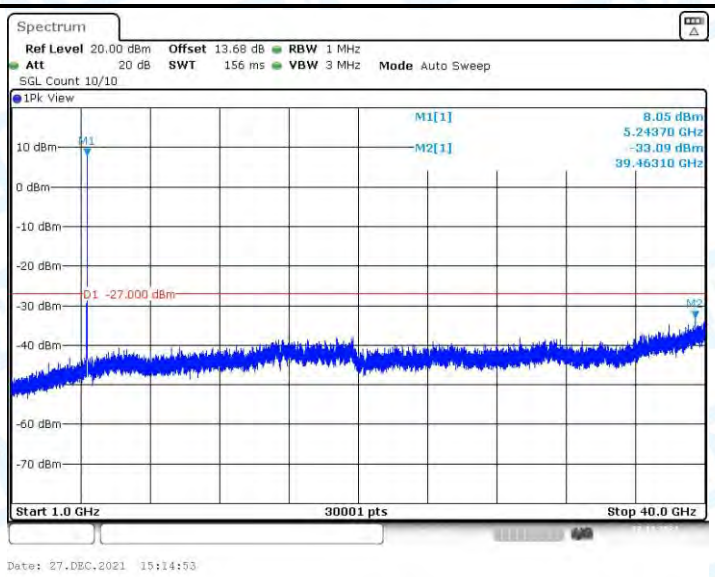

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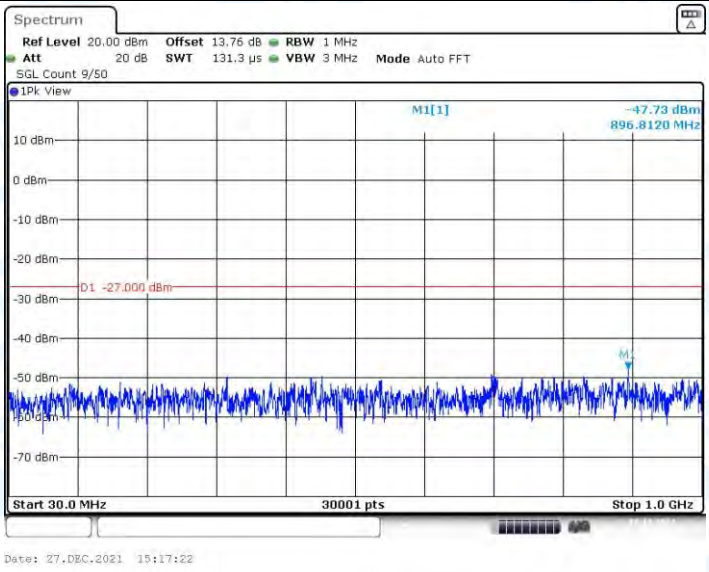

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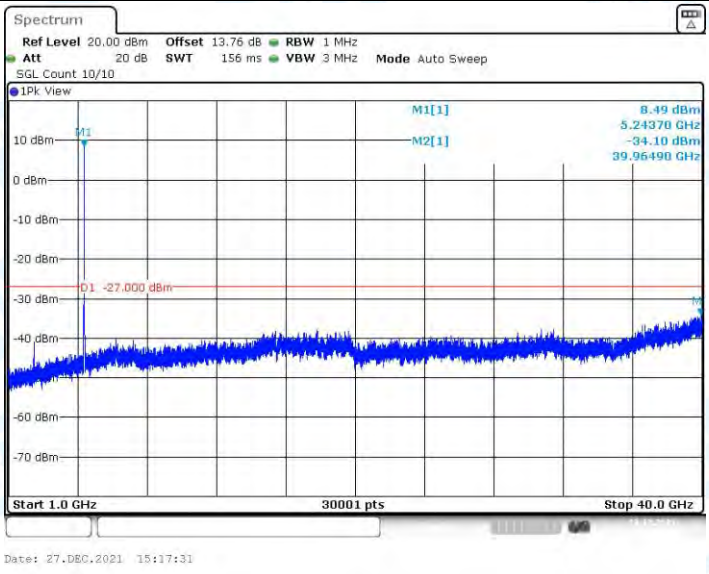

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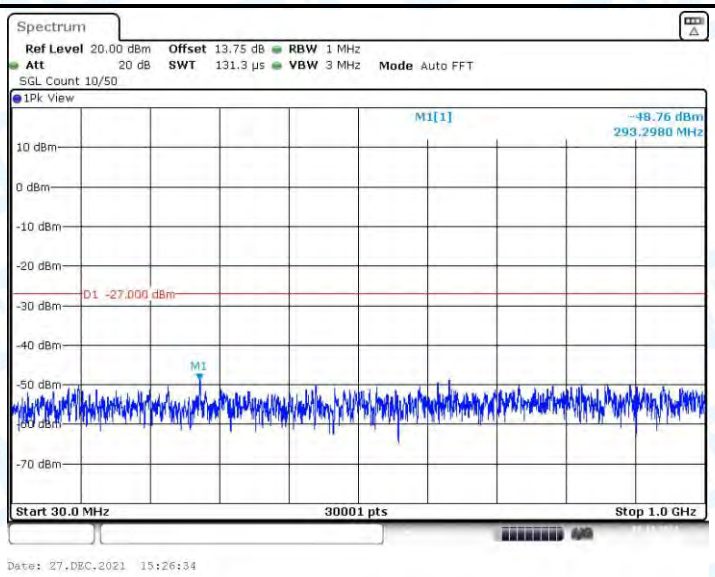

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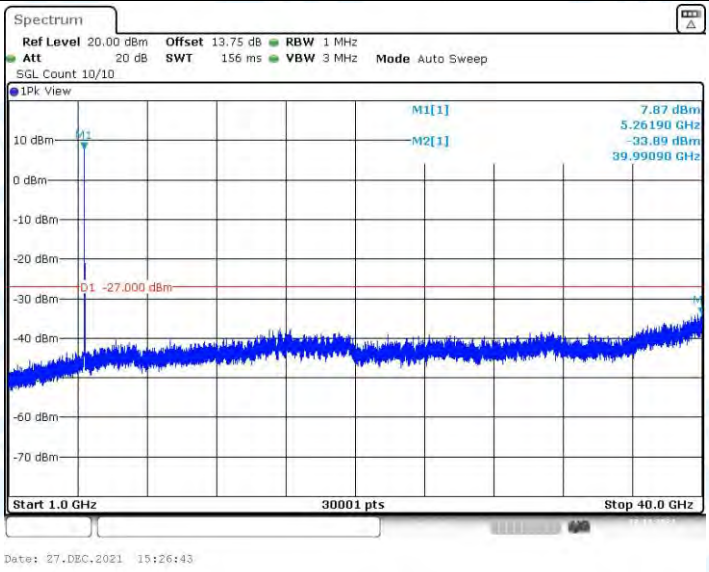

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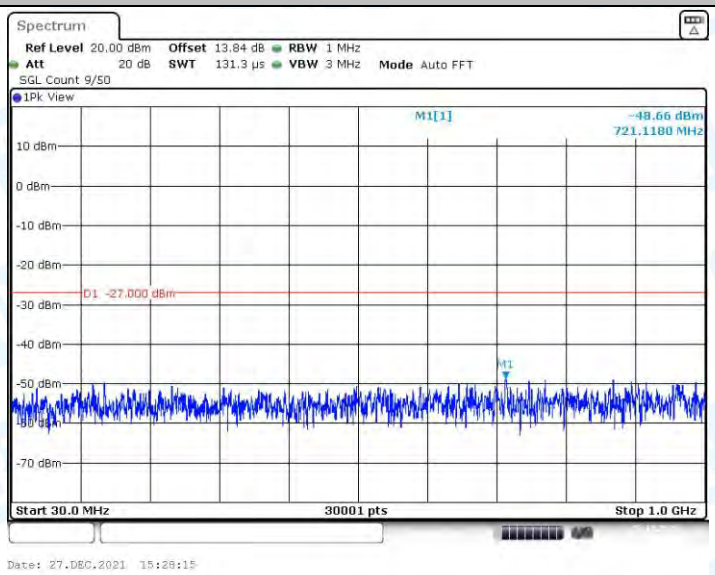

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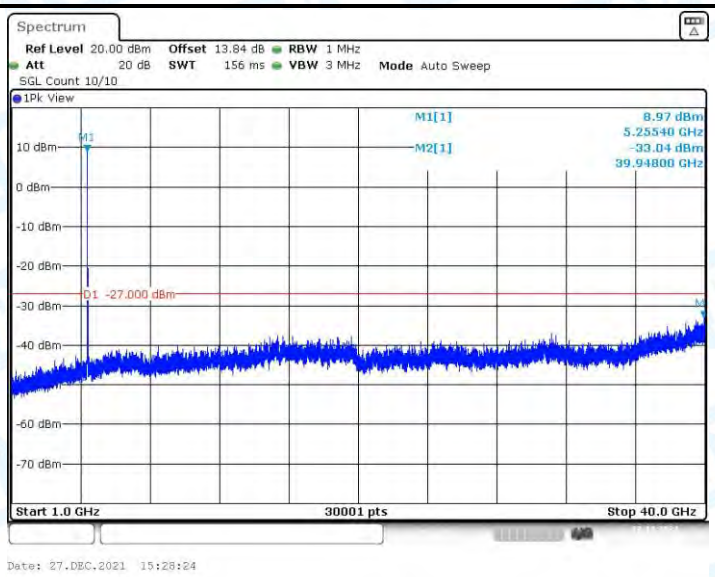

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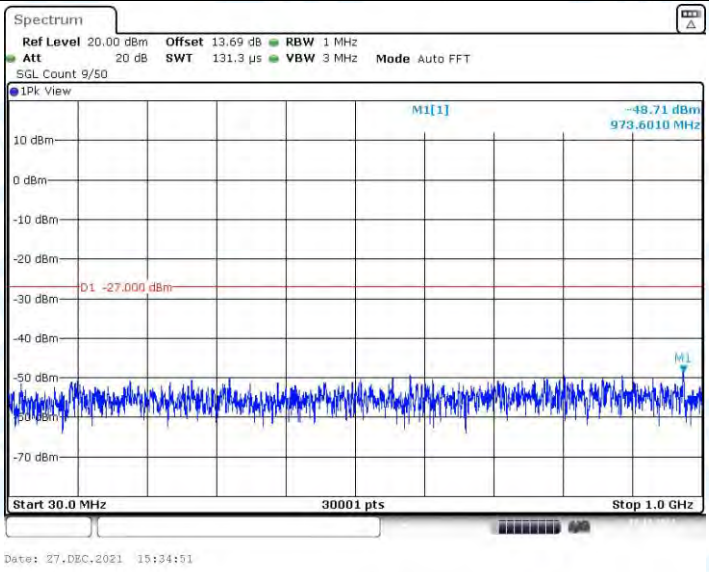

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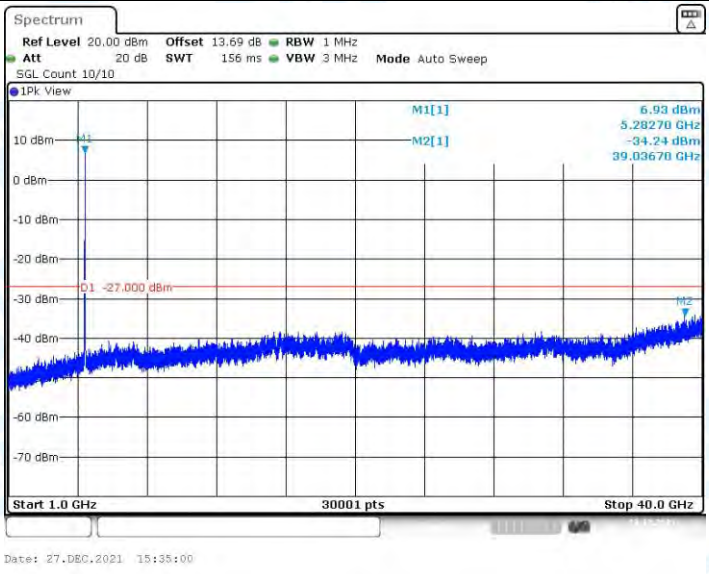

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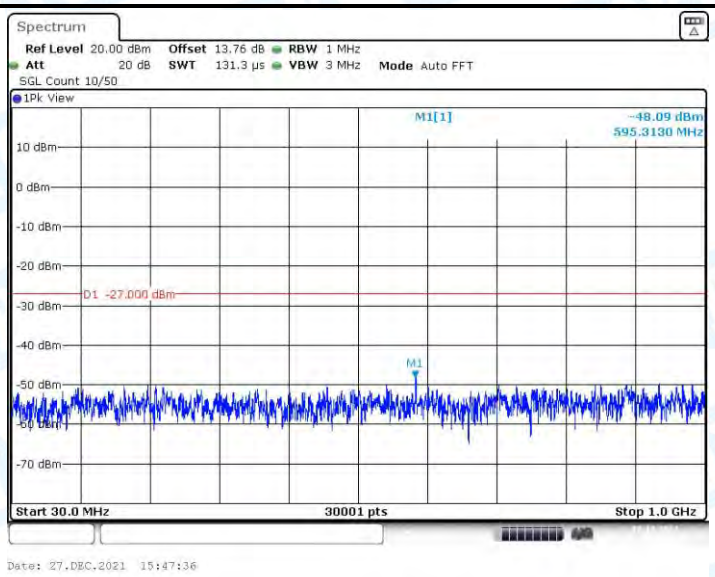

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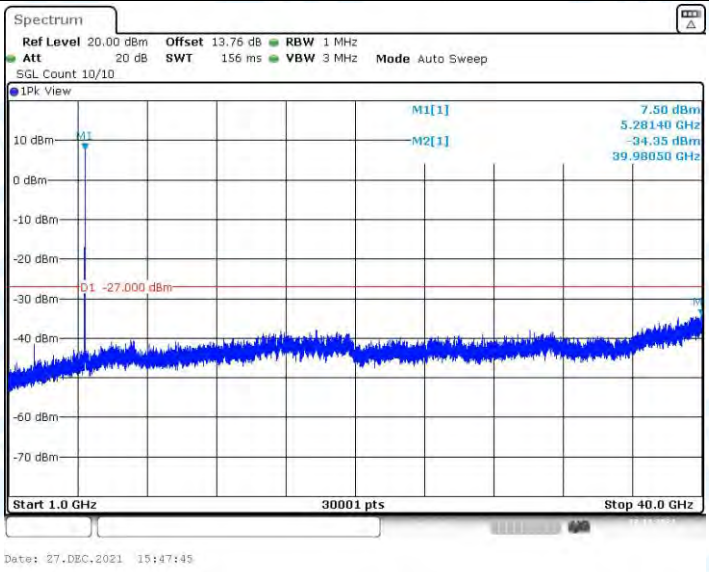

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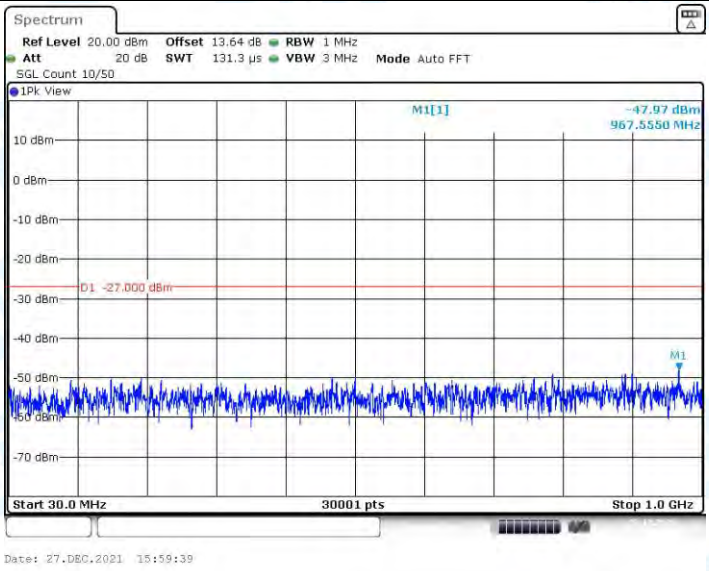

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