

## 5. Conducted Spurious Emission

### 5.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	967.36	-41.16	≤-27	PASS
			1000~40000	39938.9	-31.92	≤-27	PASS
	Ant2	5180	30~1000	958.5	-42.62	≤-27	PASS
			1000~40000	39309.7	-31.62	≤-27	PASS
	Ant1	5200	30~1000	833.7	-42.8	≤-27	PASS
			1000~40000	39987	-32.12	≤-27	PASS
	Ant2	5200	30~1000	709.77	-43.09	≤-27	PASS
			1000~40000	40000	-31.41	≤-27	PASS
	Ant1	5240	30~1000	893.16	-41.85	≤-27	PASS
			1000~40000	38581.7	-32.6	≤-27	PASS
	Ant2	5240	30~1000	898.17	-40.8	≤-27	PASS
			1000~40000	39474.8	-32.12	≤-27	PASS
	Ant1	5260	30~1000	891.44	-42.07	≤-27	PASS
			1000~40000	39996.1	-32.83	≤-27	PASS
	Ant2	5260	30~1000	865.26	-41.4	≤-27	PASS
			1000~40000	39041.9	-32.1	≤-27	PASS
	Ant1	5280	30~1000	790.24	-42.85	≤-27	PASS
			1000~40000	39437.1	-32.15	≤-27	PASS
	Ant2	5280	30~1000	705.66	-41.74	≤-27	PASS
			1000~40000	39688	-32.87	≤-27	PASS
	Ant1	5320	30~1000	867.84	-43	≤-27	PASS
			1000~40000	6824	-32.96	≤-27	PASS
	Ant2	5320	30~1000	959.28	-42.02	≤-27	PASS
			1000~40000	38961.3	-32.55	≤-27	PASS
	Ant1	5500	30~1000	889.34	-42.56	≤-27	PASS
			1000~40000	38948.3	-31.96	≤-27	PASS
	Ant2	5500	30~1000	898.78	-41.64	≤-27	PASS
			1000~40000	39456.6	-32.15	≤-27	PASS
	Ant1	5580	30~1000	867.71	-42.28	≤-27	PASS
			1000~40000	38971.7	-31.7	≤-27	PASS
	Ant2	5580	30~1000	893.09	-41.55	≤-27	PASS
			1000~40000	39968.8	-31.82	≤-27	PASS
	Ant1	5720	30~1000	864.77	-40.75	≤-27	PASS
			1000~40000	39944.1	-31.72	≤-27	PASS
	Ant2	5720	30~1000	894.48	-41.24	≤-27	PASS
			1000~40000	39801.1	-31.75	≤-27	PASS
Ant1	5745	30~1000	287.28	-42.28	≤-27	PASS	
		1000~40000	39028.9	-32.44	≤-27	PASS	
Ant2	5745	30~1000	959.96	-41.74	≤-27	PASS	
		1000~40000	39639.9	-32.26	≤-27	PASS	
Ant1	5785	30~1000	758.3	-41.89	≤-27	PASS	
		1000~40000	39118.6	-31.9	≤-27	PASS	
Ant2	5785	30~1000	860.63	-42.37	≤-27	PASS	
		1000~40000	39543.7	-31.84	≤-27	PASS	
Ant1	5825	30~1000	890.35	-42.35	≤-27	PASS	
		1000~40000	39597	-32.89	≤-27	PASS	
Ant2	5825	30~1000	890.7	-42.25	≤-27	PASS	
		1000~40000	39714	-33.22	≤-27	PASS	
11N20MIMO	Ant1	5180	30~1000	959.5	-42.62	≤-27	PASS
			1000~40000	39580.1	-32.79	≤-27	PASS
	Ant2	5180	30~1000	706.25	-41.47	≤-27	PASS



	Ant1	5200	1000~40000	39392.9	-32.86	≤-27	PASS
			30~1000	712.42	-42.06	≤-27	PASS
	Ant2	5200	1000~40000	39009.4	-32.38	≤-27	PASS
			30~1000	962.71	-41.87	≤-27	PASS
	Ant1	5240	1000~40000	38971.7	-32.77	≤-27	PASS
			30~1000	897.39	-42.89	≤-27	PASS
	Ant2	5240	1000~40000	39048.4	-32.02	≤-27	PASS
			30~1000	681.71	-42.64	≤-27	PASS
	Ant1	5260	1000~40000	39972.7	-32.59	≤-27	PASS
			30~1000	705.79	-41.13	≤-27	PASS
	Ant2	5260	1000~40000	39186.2	-32.28	≤-27	PASS
			30~1000	860.24	-42.14	≤-27	PASS
	Ant1	5280	1000~40000	39980.5	-31.04	≤-27	PASS
			30~1000	707.7	-41.89	≤-27	PASS
	Ant2	5280	1000~40000	38922.3	-32.53	≤-27	PASS
			30~1000	888.34	-41.82	≤-27	PASS
	Ant1	5320	1000~40000	39431.9	-32.7	≤-27	PASS
			30~1000	889.38	-41.27	≤-27	PASS
	Ant2	5320	1000~40000	39849.2	-32.78	≤-27	PASS
			30~1000	706.25	-41.89	≤-27	PASS
	Ant1	5500	1000~40000	39602.2	-32.16	≤-27	PASS
			30~1000	708.19	-41.72	≤-27	PASS
	Ant2	5500	1000~40000	39049.7	-32.34	≤-27	PASS
			30~1000	750.51	-42.47	≤-27	PASS
	Ant1	5580	1000~40000	39201.8	-32.36	≤-27	PASS
			30~1000	964.13	-42.76	≤-27	PASS
	Ant2	5580	1000~40000	39495.6	-31.46	≤-27	PASS
			30~1000	860.24	-42.68	≤-27	PASS
	Ant1	5720	1000~40000	39940.2	-32.73	≤-27	PASS
			30~1000	982.07	-41	≤-27	PASS
	Ant2	5720	1000~40000	39962.3	-31.51	≤-27	PASS
			30~1000	699.07	-41.56	≤-27	PASS
	Ant1	5745	1000~40000	39400.7	-31.92	≤-27	PASS
			30~1000	780.25	-41.42	≤-27	PASS
	Ant2	5745	1000~40000	38926.2	-32.84	≤-27	PASS
			30~1000	846.66	-42.98	≤-27	PASS
	Ant1	5785	1000~40000	39515.1	-32.21	≤-27	PASS
			30~1000	869.07	-42.51	≤-27	PASS
	Ant2	5785	1000~40000	39299.3	-33.06	≤-27	PASS
			30~1000	750.73	-41.85	≤-27	PASS
	Ant1	5825	1000~40000	5696.9	-32.82	≤-27	PASS
			30~1000	961.64	-41.55	≤-27	PASS
	Ant2	5825	1000~40000	39506	-32.92	≤-27	PASS
			30~1000	960.09	-41.71	≤-27	PASS
	Ant1	5190	1000~40000	5739.8	-31.82	≤-27	PASS
			30~1000	895.26	-43.11	≤-27	PASS
	Ant2	5190	1000~40000	39398.1	-32.51	≤-27	PASS
			30~1000	859.92	-43.05	≤-27	PASS
	Ant1	5230	1000~40000	39489.1	-32.26	≤-27	PASS
			30~1000	714.1	-41.9	≤-27	PASS
	Ant2	5230	1000~40000	39467	-33.1	≤-27	PASS
			30~1000	900.47	-42.11	≤-27	PASS
	Ant1	5270	1000~40000	39376	-32.45	≤-27	PASS
			30~1000	807.22	-42.69	≤-27	PASS
	Ant2	5270	1000~40000	38625.9	-32.27	≤-27	PASS
			30~1000	860.08	-42.53	≤-27	PASS
	Ant1	5310	30~1000	707.02	-42.08	≤-27	PASS



	Ant2	5310	1000~40000	38980.8	-32.44	≤-27	PASS
			30~1000	964.35	-42.18	≤-27	PASS
	Ant1	5510	1000~40000	39936.3	-31.47	≤-27	PASS
			30~1000	467.15	-41.42	≤-27	PASS
	Ant2	5510	1000~40000	39880.4	-32.51	≤-27	PASS
			30~1000	769.26	-42.5	≤-27	PASS
	Ant1	5550	1000~40000	39590.5	-31.99	≤-27	PASS
			30~1000	559.46	-42.37	≤-27	PASS
	Ant2	5550	1000~40000	39390.3	-32.14	≤-27	PASS
			30~1000	867.81	-43.03	≤-27	PASS
	Ant1	5710	1000~40000	39376	-31.67	≤-27	PASS
			30~1000	818.18	-41.31	≤-27	PASS
	Ant2	5710	1000~40000	39910.3	-31.06	≤-27	PASS
			30~1000	889.86	-39.71	≤-27	PASS
	Ant1	5755	1000~40000	39977.9	-32.17	≤-27	PASS
			30~1000	724.58	-41.85	≤-27	PASS
	Ant2	5755	1000~40000	39425.4	-32.54	≤-27	PASS
			30~1000	889.38	-41.89	≤-27	PASS
	Ant1	5795	1000~40000	39759.5	-32.88	≤-27	PASS
			30~1000	862.6	-42.34	≤-27	PASS
Ant2	5795	1000~40000	39777.7	-32.81	≤-27	PASS	
		30~1000	987.63	-41.98	≤-27	PASS	
11AC20MIMO	Ant1	5180	1000~40000	39364.3	-33.18	≤-27	PASS
			30~1000	962.19	-41.87	≤-27	PASS
	Ant2	5180	1000~40000	39607.4	-32.6	≤-27	PASS
			30~1000	862.09	-42.45	≤-27	PASS
	Ant1	5200	1000~40000	39610	-32.76	≤-27	PASS
			30~1000	711.87	-42.07	≤-27	PASS
	Ant2	5200	1000~40000	39940.2	-33	≤-27	PASS
			30~1000	728.98	-42.16	≤-27	PASS
	Ant1	5240	1000~40000	38969.1	-32.94	≤-27	PASS
			30~1000	891.87	-42.58	≤-27	PASS
	Ant2	5240	1000~40000	39502.1	-32.4	≤-27	PASS
			30~1000	890.44	-42.04	≤-27	PASS
	Ant1	5260	1000~40000	39971.4	-32.72	≤-27	PASS
			30~1000	708.02	-42.11	≤-27	PASS
	Ant2	5260	1000~40000	39628.2	-32.2	≤-27	PASS
			30~1000	921.97	-42.45	≤-27	PASS
	Ant1	5280	1000~40000	39714	-32.29	≤-27	PASS
			30~1000	854.94	-42.22	≤-27	PASS
	Ant2	5280	1000~40000	39624.3	-32.8	≤-27	PASS
			30~1000	821.28	-43.21	≤-27	PASS
Ant1	5320	1000~40000	39066.6	-32.68	≤-27	PASS	
		30~1000	706.76	-42.28	≤-27	PASS	
Ant2	5320	1000~40000	39612.6	-32.78	≤-27	PASS	
		30~1000	114.99	-41.11	≤-27	PASS	
Ant1	5500	1000~40000	39299.3	-33.06	≤-27	PASS	
		30~1000	747.66	-41.65	≤-27	PASS	
Ant2	5500	1000~40000	39379.9	-32.16	≤-27	PASS	
		30~1000	870.07	-40.95	≤-27	PASS	
Ant1	5580	1000~40000	38645.4	-31.56	≤-27	PASS	
		30~1000	963.64	-41.34	≤-27	PASS	
Ant2	5580	1000~40000	38167	-32.79	≤-27	PASS	
		30~1000	709.54	-42.65	≤-27	PASS	
Ant1	5720	1000~40000	39010.7	-32.58	≤-27	PASS	
		30~1000	902.47	-41.42	≤-27	PASS	
Ant2	5720	1000~40000	39139.4	-32.11	≤-27	PASS	
		30~1000	867.81	-40.66	≤-27	PASS	

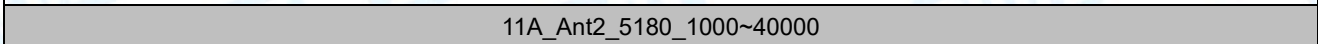
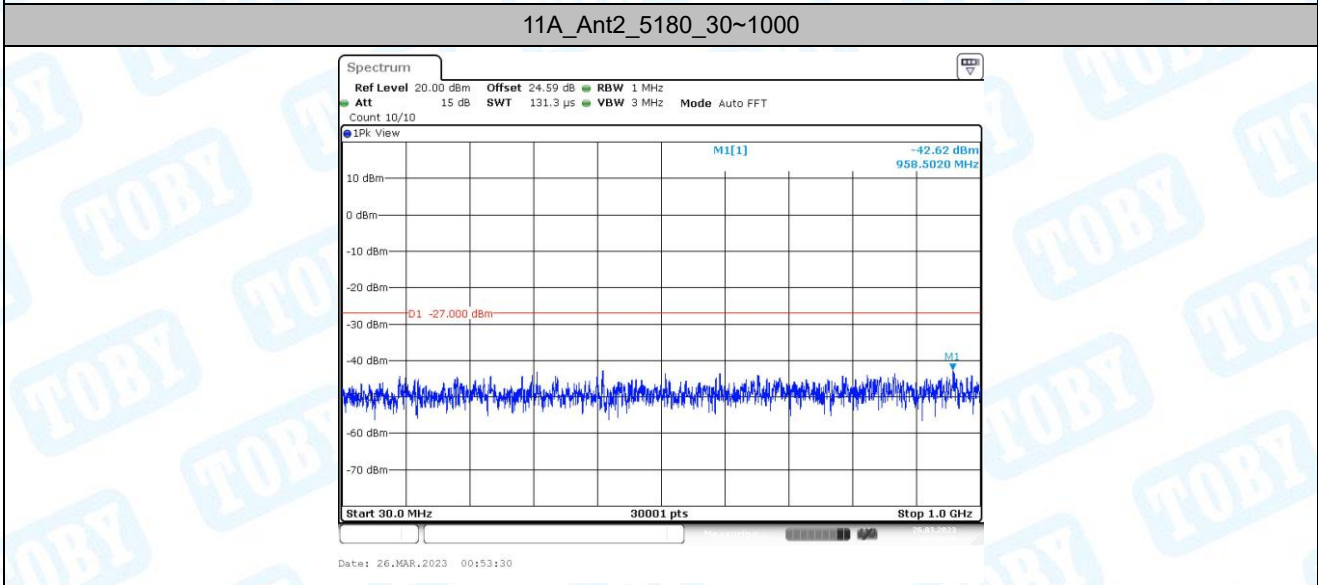
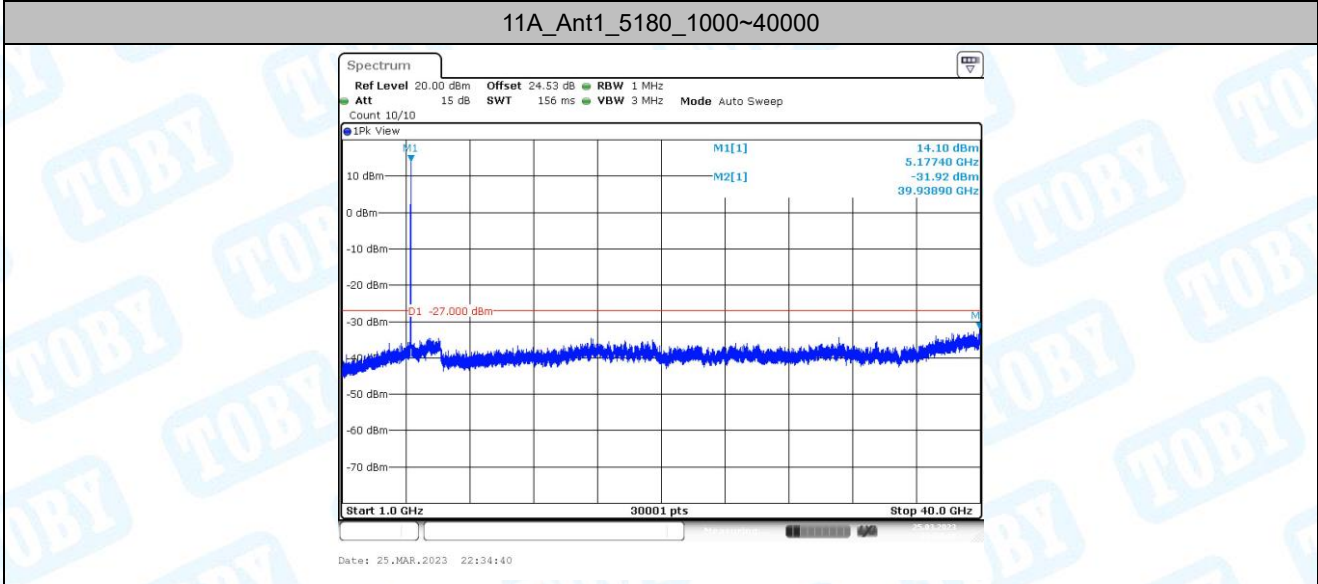
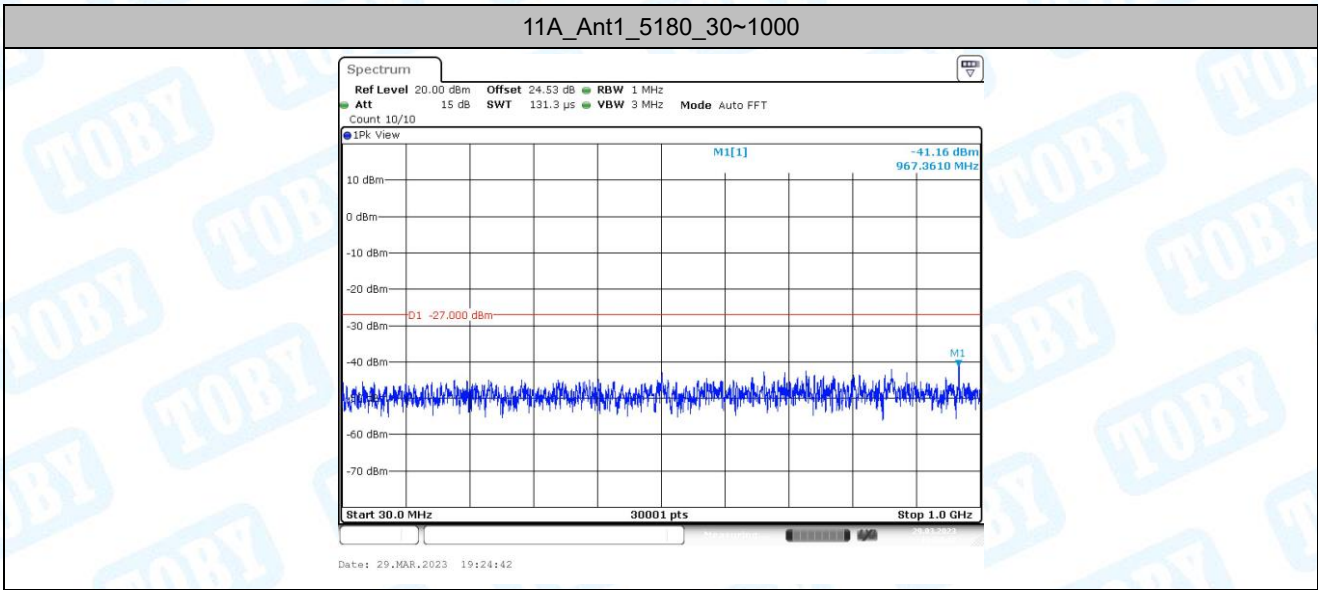


	Ant1	5745	1000~40000	39790.7	-31.9	≤-27	PASS	
			30~1000	863.77	-41.24	≤-27	PASS	
	Ant2	5745	1000~40000	39318.8	-32.43	≤-27	PASS	
			30~1000	930.79	-40.74	≤-27	PASS	
	Ant1	5785	1000~40000	39970.1	-33.3	≤-27	PASS	
			30~1000	625.32	-41.66	≤-27	PASS	
	Ant2	5785	1000~40000	38934	-32.63	≤-27	PASS	
			30~1000	960.18	-41.59	≤-27	PASS	
	Ant1	5825	1000~40000	39519	-33.15	≤-27	PASS	
			30~1000	114.82	-41.1	≤-27	PASS	
	Ant2	5825	1000~40000	39273.3	-32.53	≤-27	PASS	
			30~1000	889.86	-41.02	≤-27	PASS	
	11AC40MIMO	Ant1	5190	1000~40000	39082.2	-32.98	≤-27	PASS
				30~1000	705.34	-42.96	≤-27	PASS
Ant2		5190	1000~40000	38900.2	-32.6	≤-27	PASS	
			30~1000	961.44	-40.75	≤-27	PASS	
Ant1		5230	1000~40000	39994.8	-32.69	≤-27	PASS	
			30~1000	860.05	-42.47	≤-27	PASS	
Ant2		5230	1000~40000	39784.2	-32.74	≤-27	PASS	
			30~1000	959.12	-41.37	≤-27	PASS	
Ant1		5270	1000~40000	38666.2	-32.78	≤-27	PASS	
			30~1000	891.38	-40.28	≤-27	PASS	
Ant2		5270	1000~40000	39062.7	-31.74	≤-27	PASS	
			30~1000	509.37	-42.54	≤-27	PASS	
Ant1		5310	1000~40000	38971.7	-32.51	≤-27	PASS	
			30~1000	446.68	-41.97	≤-27	PASS	
Ant2		5310	1000~40000	39381.2	-32.54	≤-27	PASS	
			30~1000	958.47	-42.96	≤-27	PASS	
Ant1		5510	1000~40000	39455.3	-32.19	≤-27	PASS	
			30~1000	706.86	-40.62	≤-27	PASS	
Ant2		5510	1000~40000	38983.4	-31.88	≤-27	PASS	
			30~1000	965.49	-41.23	≤-27	PASS	
Ant1		5550	1000~40000	39976.6	-31.95	≤-27	PASS	
			30~1000	900.01	-42.11	≤-27	PASS	
Ant2		5550	1000~40000	39026.3	-32.01	≤-27	PASS	
			30~1000	960.54	-41.24	≤-27	PASS	
Ant1		5710	1000~40000	39376	-31.46	≤-27	PASS	
			30~1000	862.54	-40.91	≤-27	PASS	
Ant2		5710	1000~40000	39004.2	-31.91	≤-27	PASS	
			30~1000	509.54	-41.88	≤-27	PASS	
Ant1	5755	1000~40000	39551.5	-32.63	≤-27	PASS		
		30~1000	890.57	-41.49	≤-27	PASS		
Ant2	5755	1000~40000	39534.6	-32.68	≤-27	PASS		
		30~1000	861.67	-40.76	≤-27	PASS		
Ant1	5795	1000~40000	39273.3	-32.12	≤-27	PASS		
		30~1000	802.5	-42.31	≤-27	PASS		
Ant2	5795	1000~40000	39422.8	-32.58	≤-27	PASS		
		30~1000	826.23	-42.07	≤-27	PASS		
11AC80MIMO	Ant1	5210	1000~40000	39470.9	-32.8	≤-27	PASS	
			30~1000	859.99	-42.61	≤-27	PASS	
	Ant2	5210	1000~40000	38908	-32.77	≤-27	PASS	
			30~1000	970.95	-41.91	≤-27	PASS	
	Ant1	5290	1000~40000	39144.6	-32.42	≤-27	PASS	
			30~1000	862.41	-42.15	≤-27	PASS	
Ant2	5290	1000~40000	39637.3	-32.19	≤-27	PASS		
		30~1000	707.77	-41.51	≤-27	PASS		
Ant1	5530	30~1000	958.66	-40.12	≤-27	PASS		

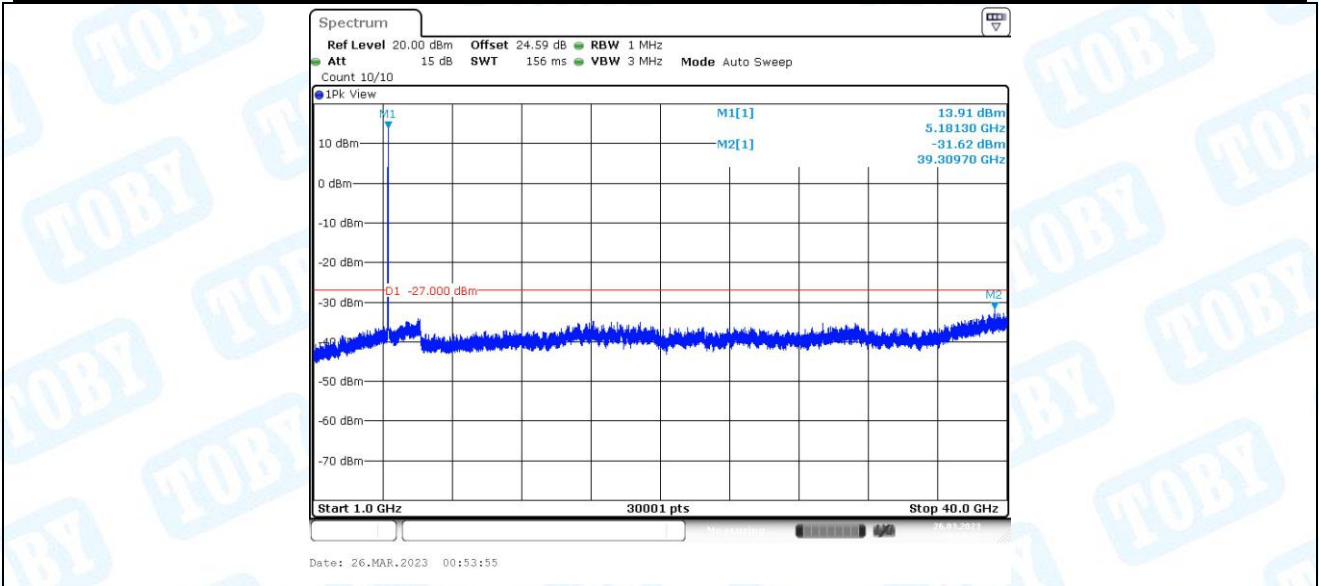


			1000~40000	39021.1	-32	≤-27	PASS
Ant2	5530		30~1000	870.85	-41.13	≤-27	PASS
			1000~40000	38947	-31.98	≤-27	PASS
Ant1	5610		30~1000	841.27	-41.69	≤-27	PASS
			1000~40000	39556.7	-32.7	≤-27	PASS
Ant2	5610		30~1000	603.3	-41.51	≤-27	PASS
			1000~40000	39506	-31.79	≤-27	PASS
Ant1	5690		30~1000	866.78	-40.82	≤-27	PASS
			1000~40000	39976.6	-32.07	≤-27	PASS
Ant2	5690		30~1000	664.38	-41	≤-27	PASS
			1000~40000	38979.5	-32.16	≤-27	PASS
Ant1	5775		30~1000	640.9	-42.37	≤-27	PASS
			1000~40000	39040.6	-32.04	≤-27	PASS
Ant2	5775		30~1000	893.81	-41.7	≤-27	PASS
			1000~40000	39157.6	-32.56	≤-27	PASS

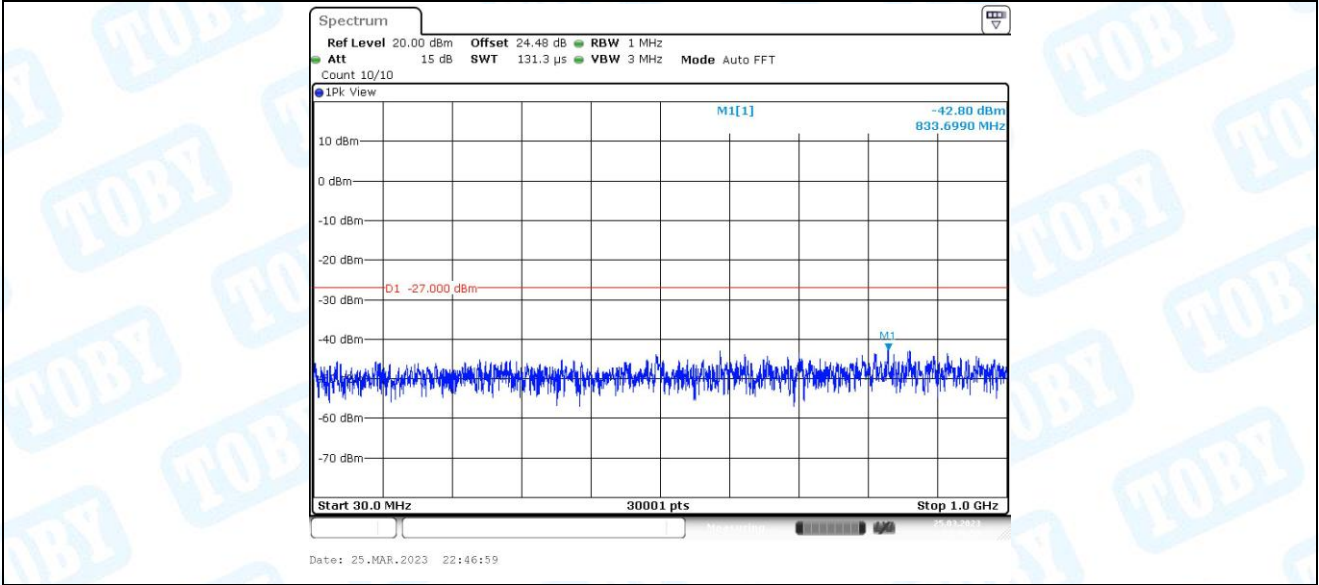
## 5.2. Test Graphs



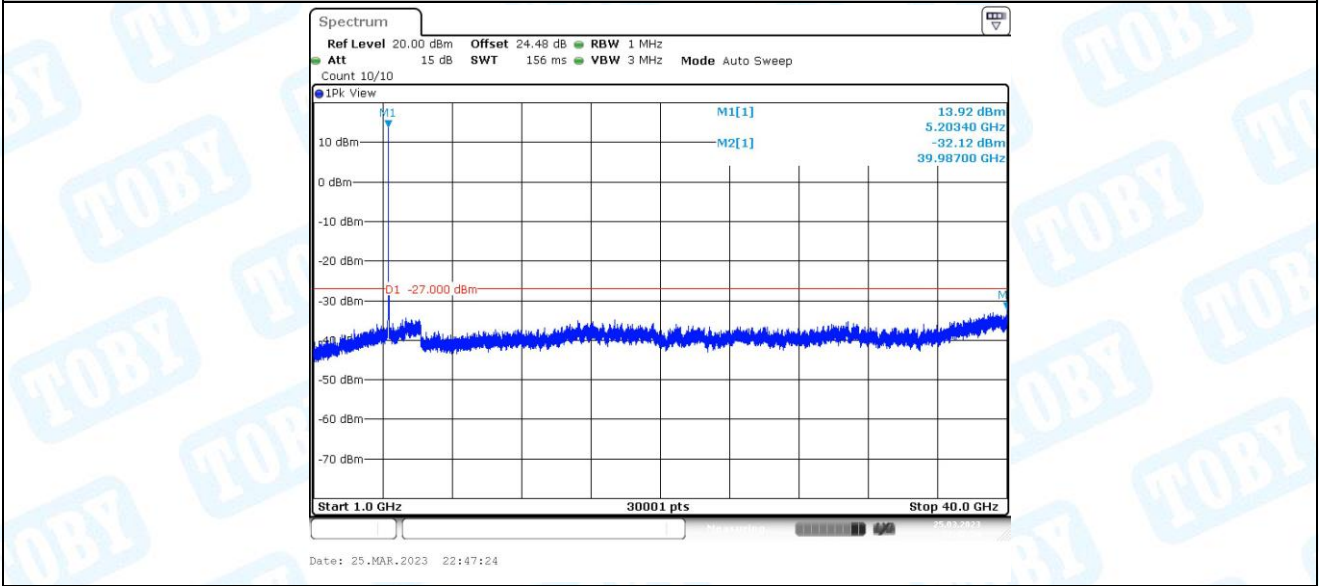




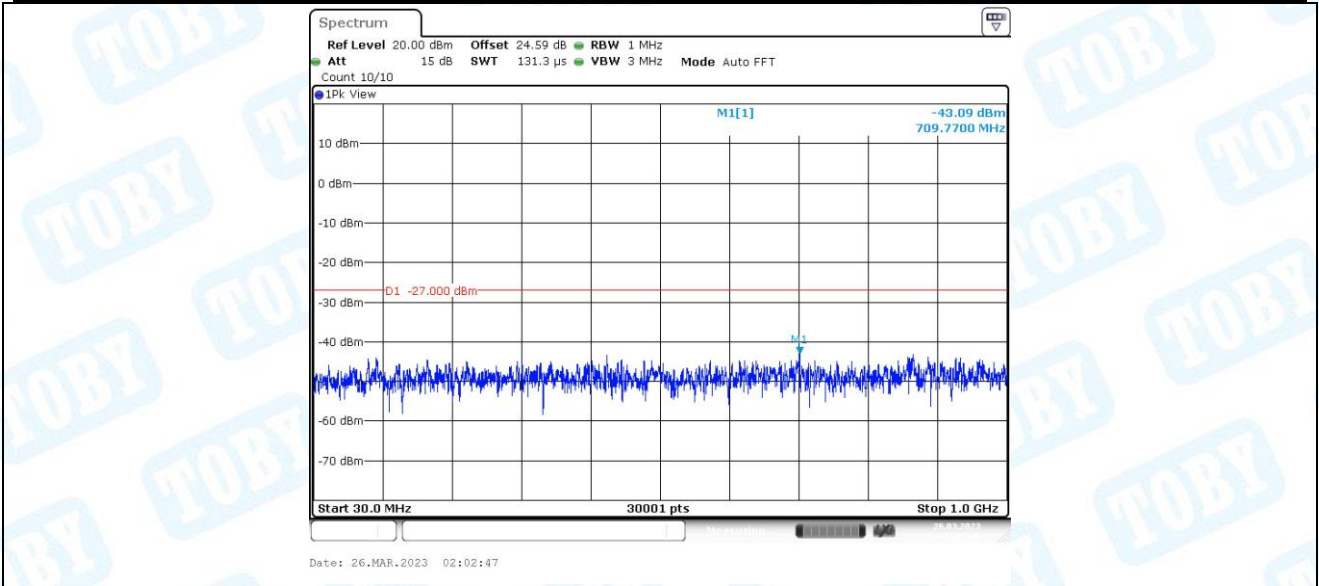
11A\_Ant1\_5200\_30~1000



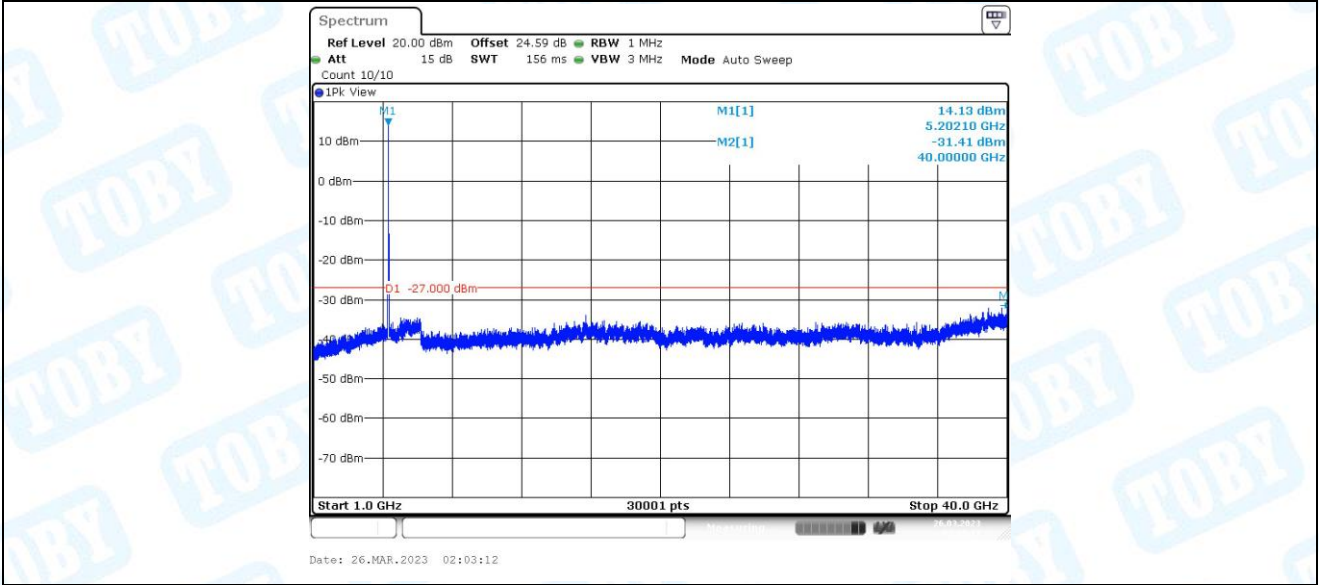
11A\_Ant1\_5200\_1000~40000



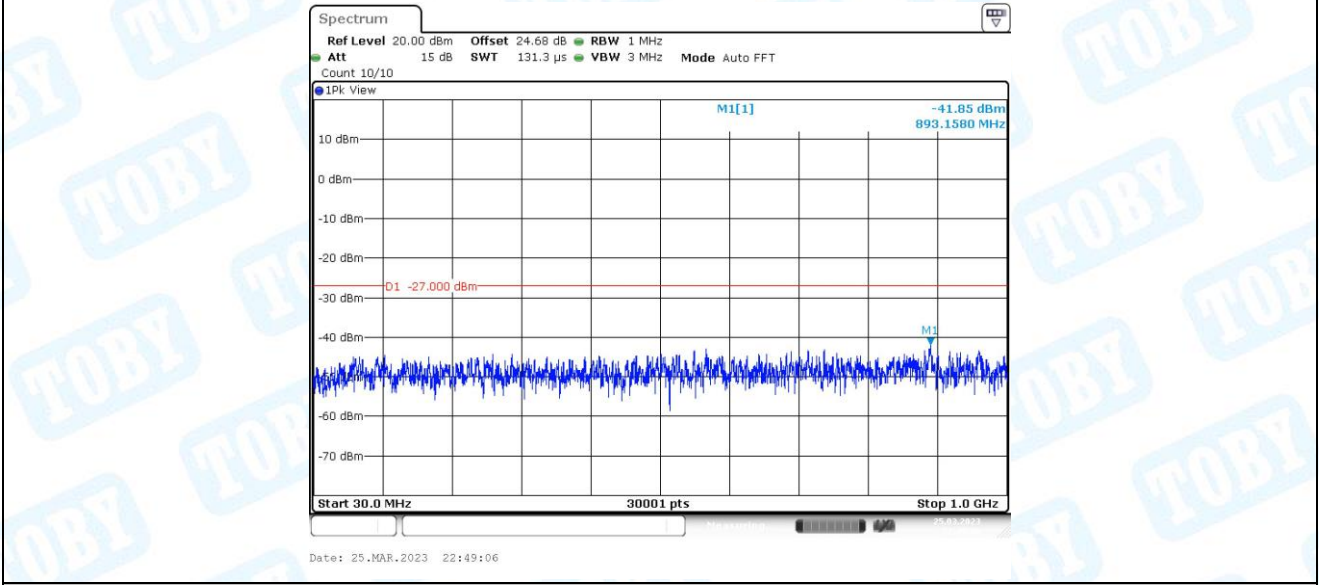
11A\_Ant2\_5200\_30~1000



11A\_Ant2\_5200\_1000~4000

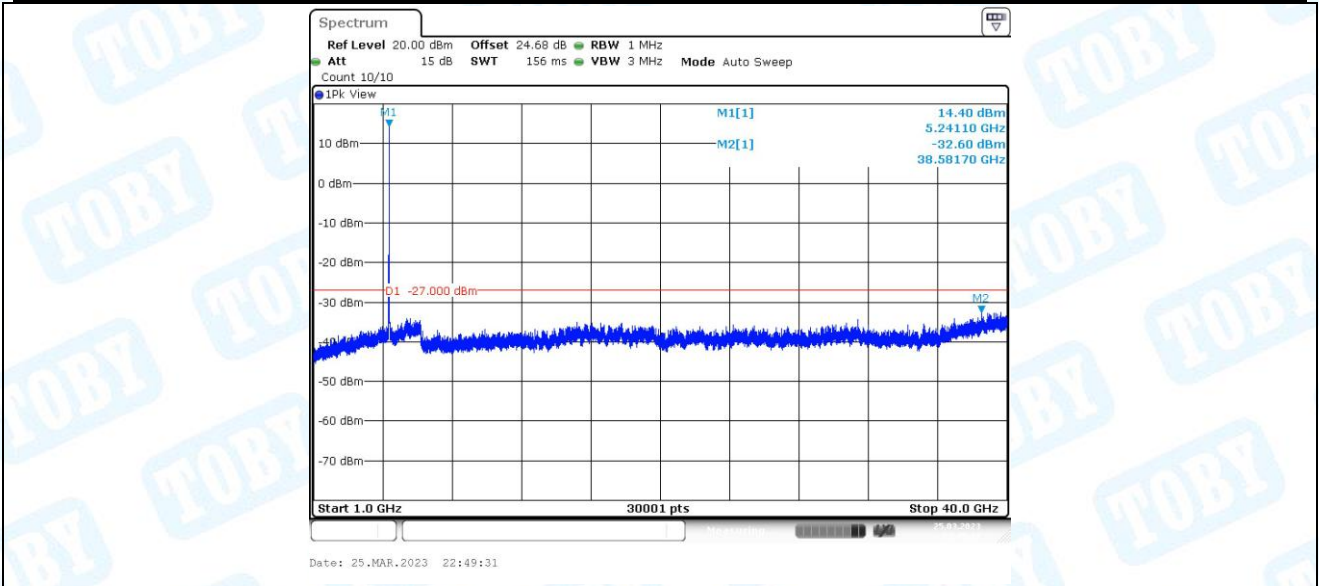


11A\_Ant1\_5240\_30~1000

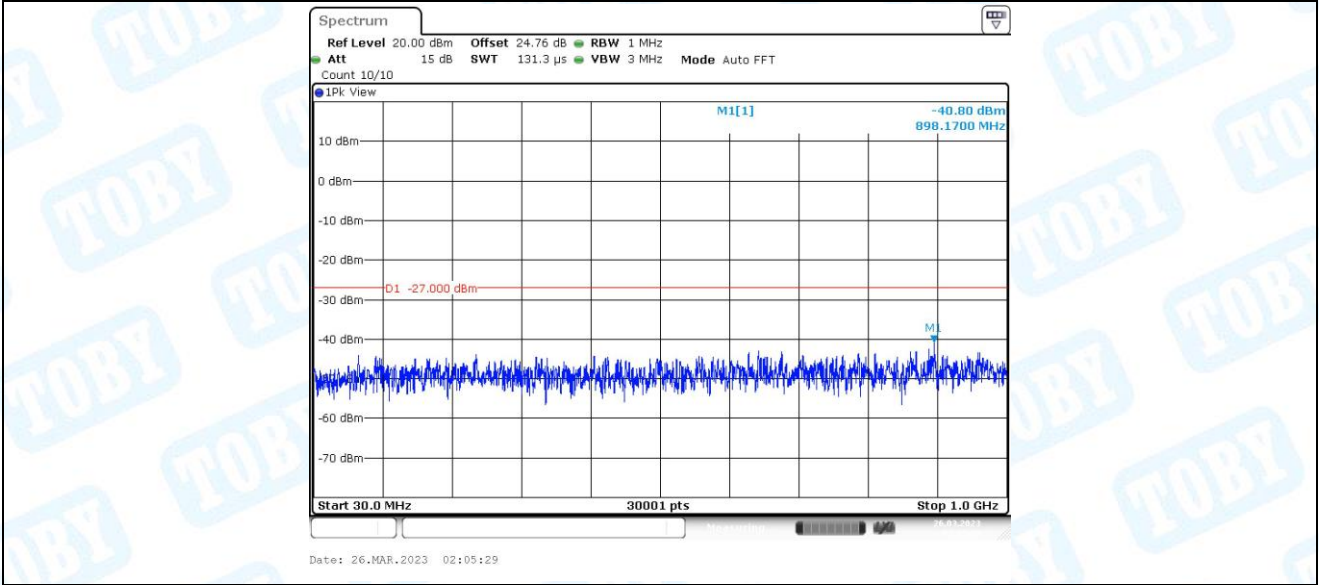


11A\_Ant1\_5240\_1000~4000

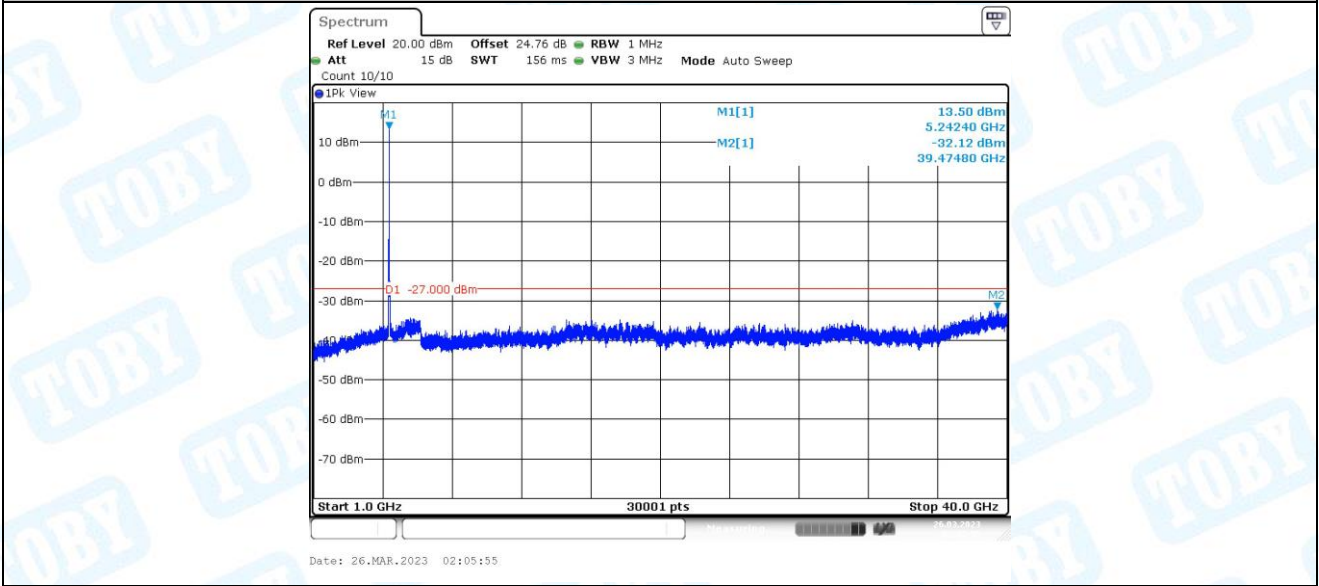




11A\_Ant2\_5240\_30~1000

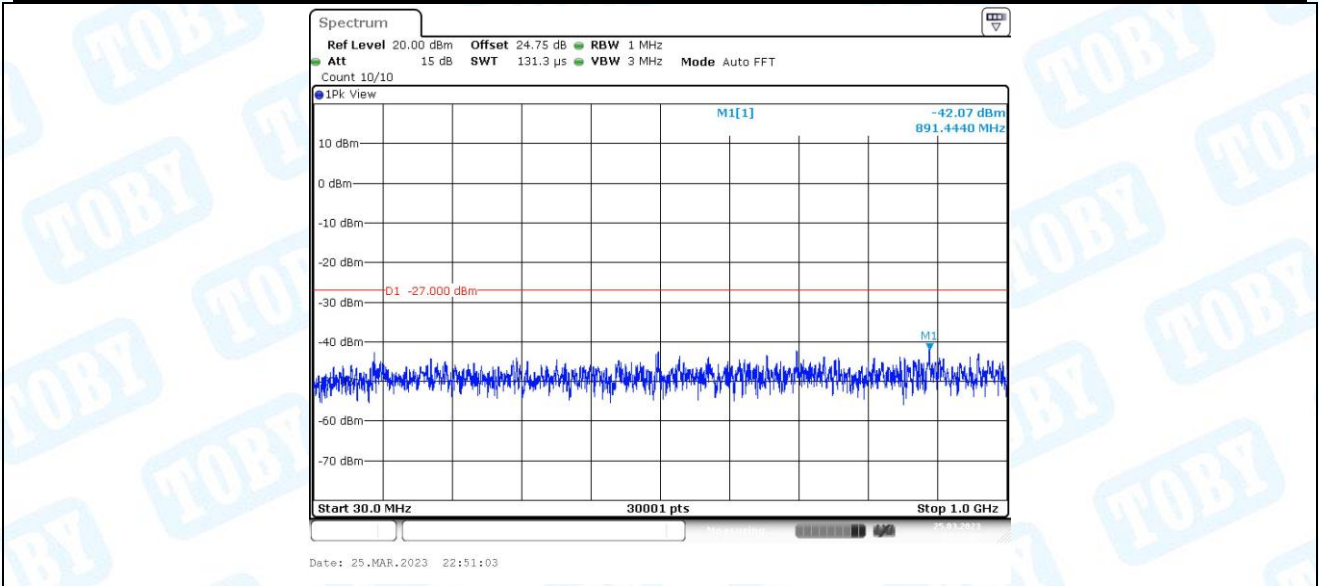


11A\_Ant2\_5240\_1000~40000

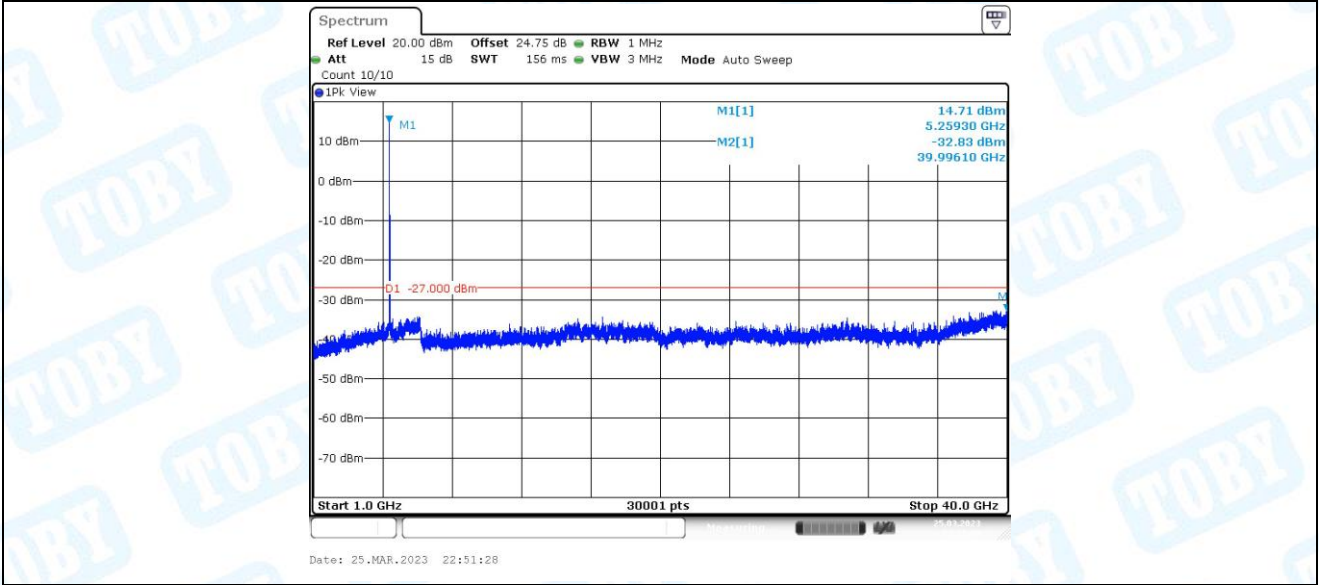


11A\_Ant1\_5260\_30~1000

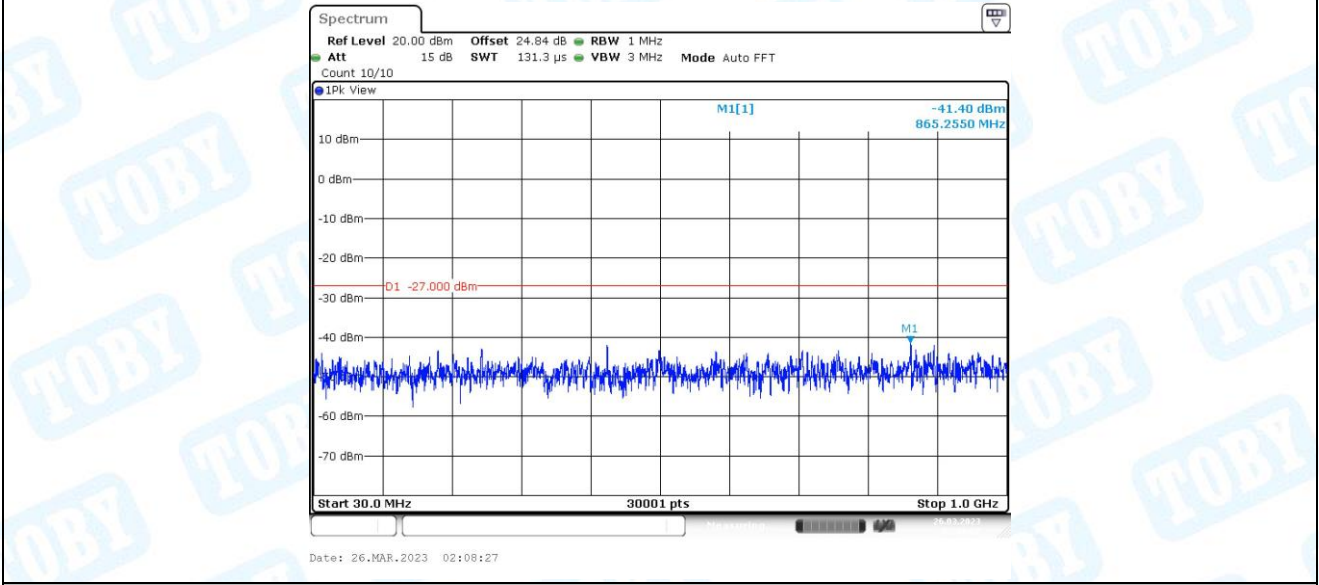




11A\_Ant1\_5260\_1000~4000

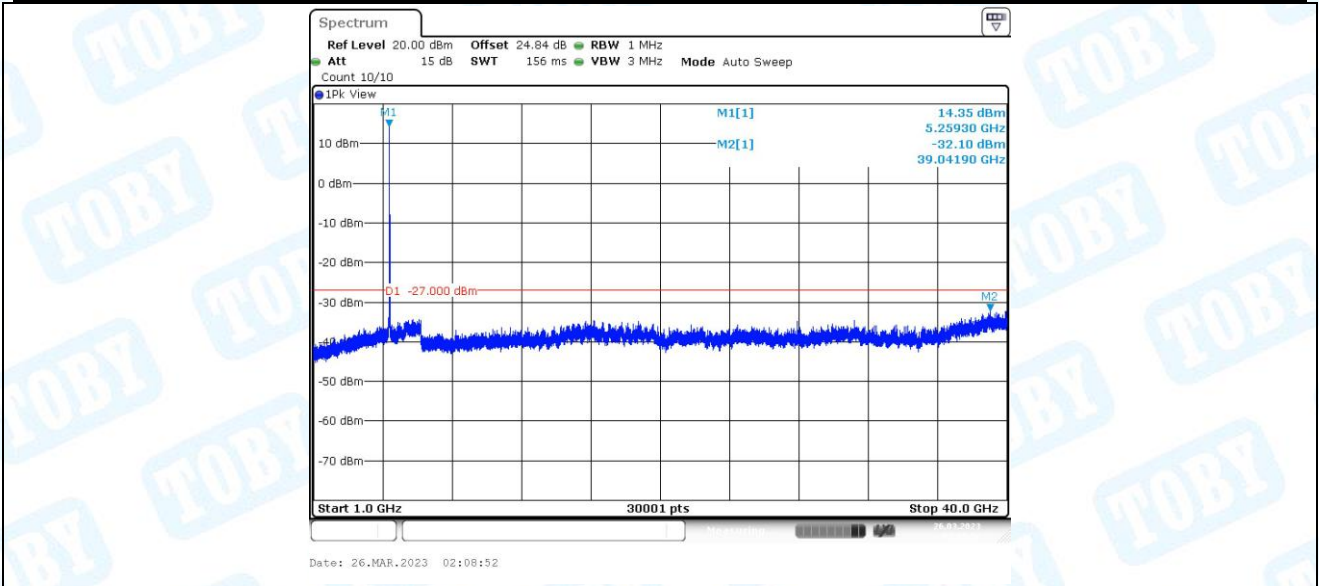


11A\_Ant2\_5260\_30~1000

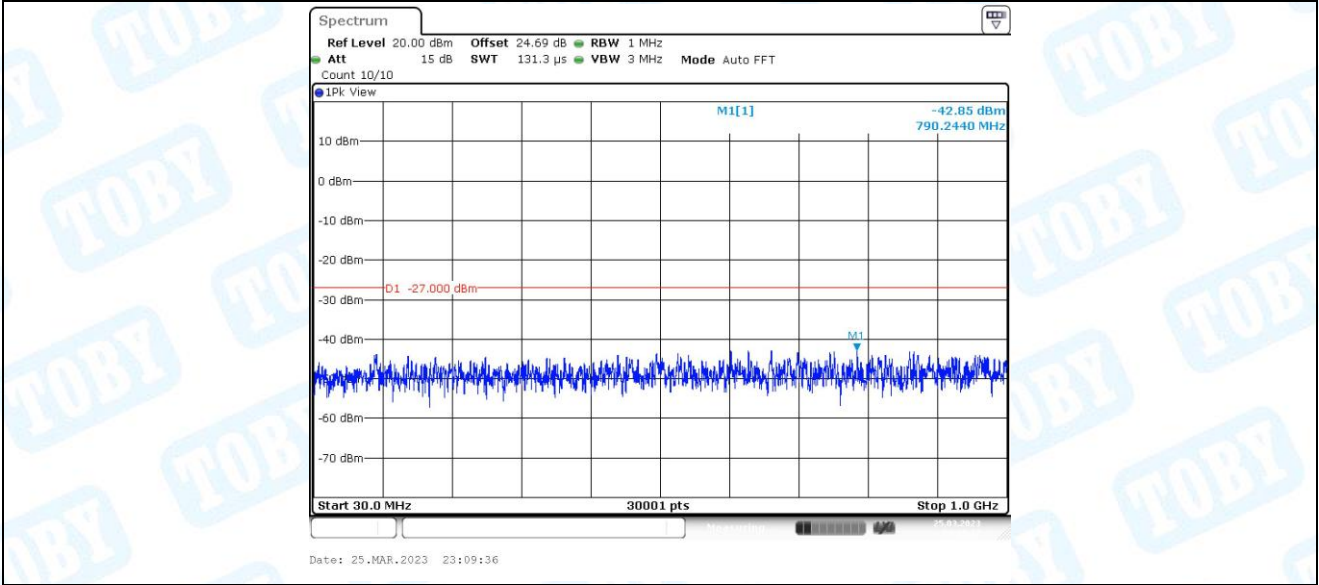


11A\_Ant2\_5260\_1000~4000

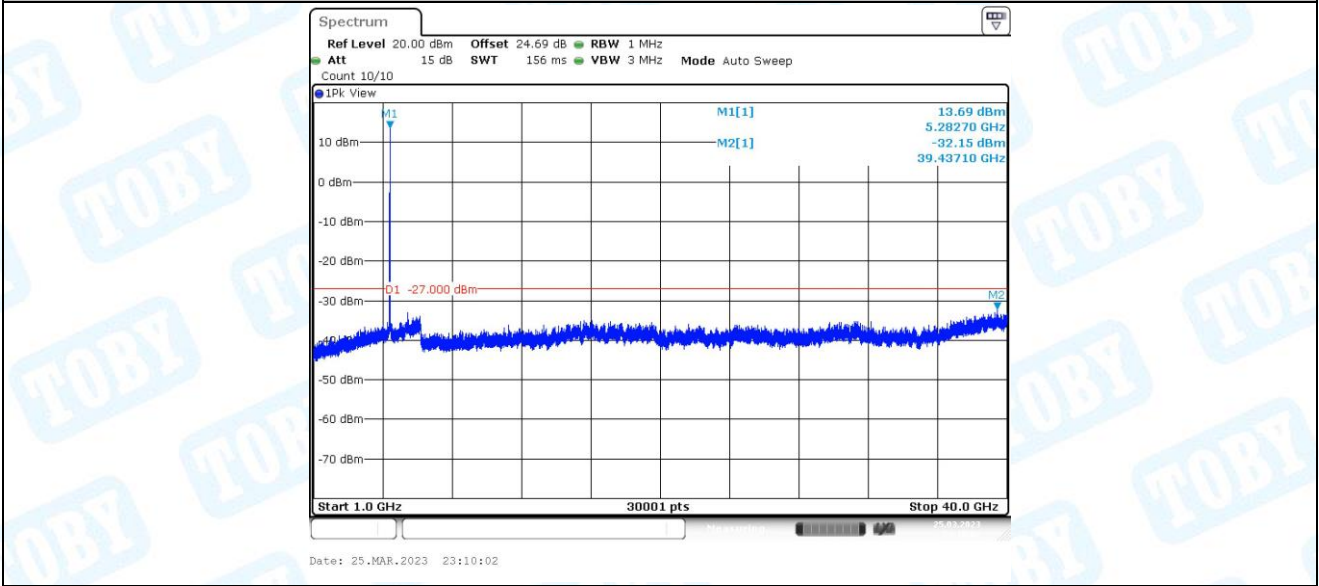




11A\_Ant1\_5280\_30~1000

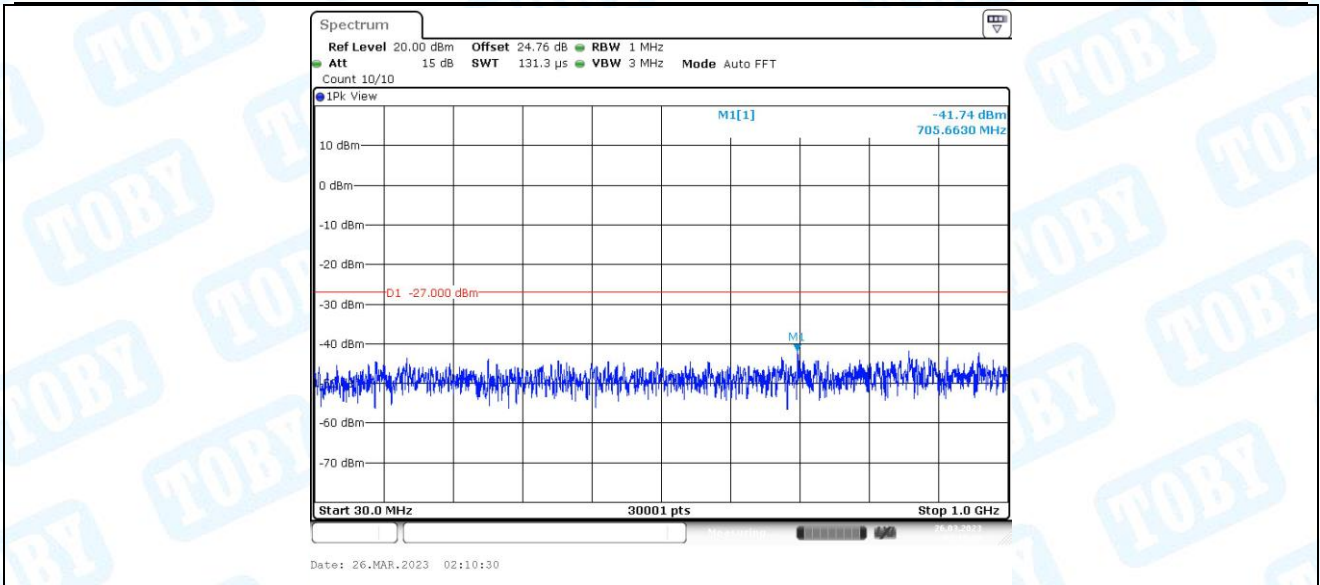


11A\_Ant1\_5280\_1000~40000

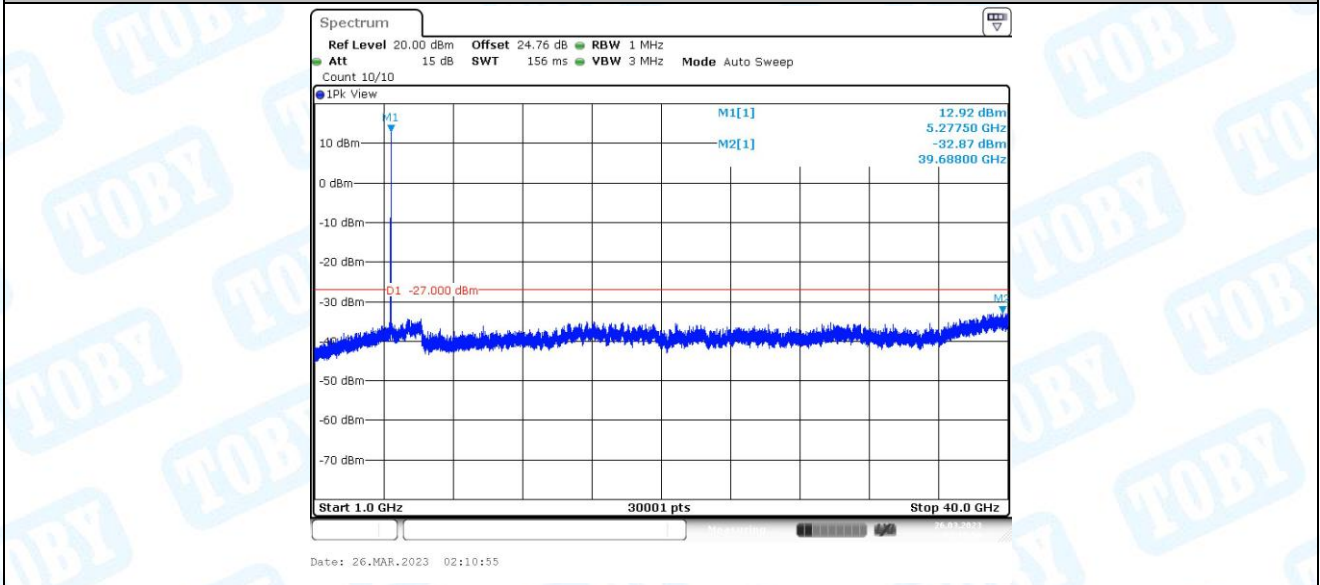


11A\_Ant2\_5280\_30~1000

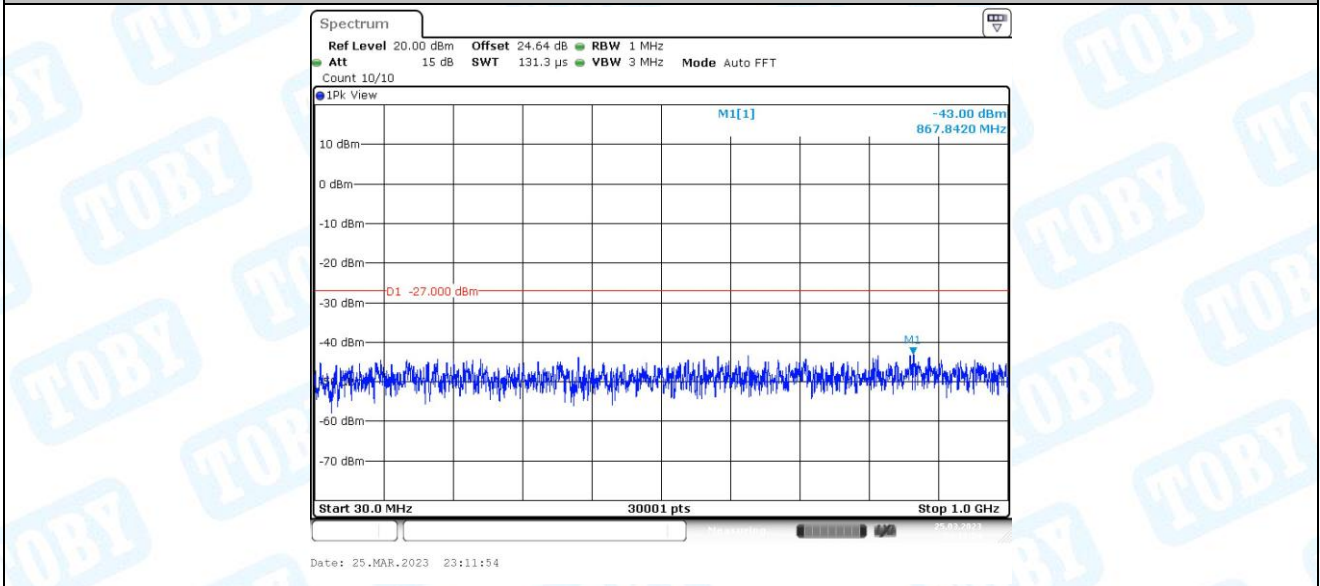




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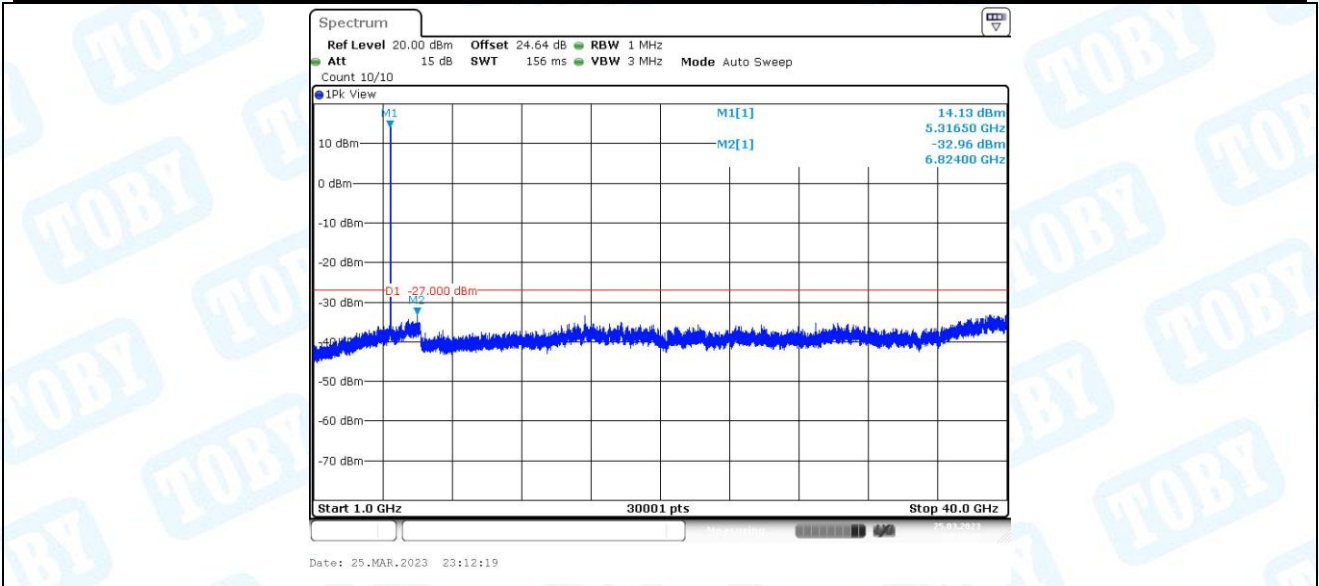


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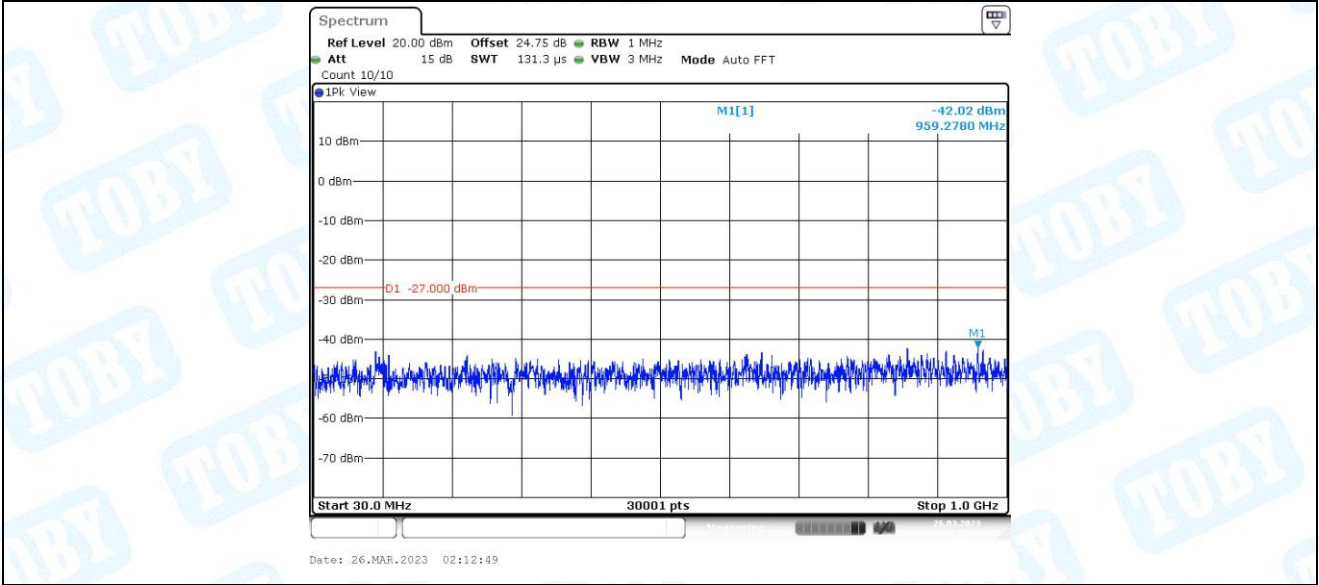


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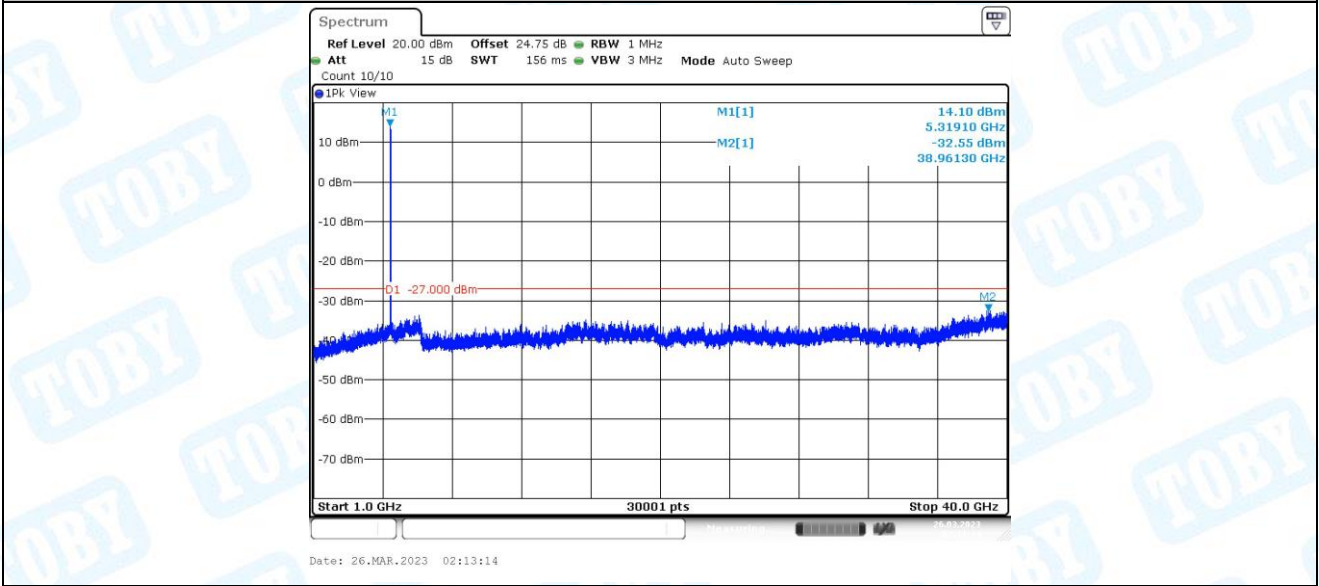




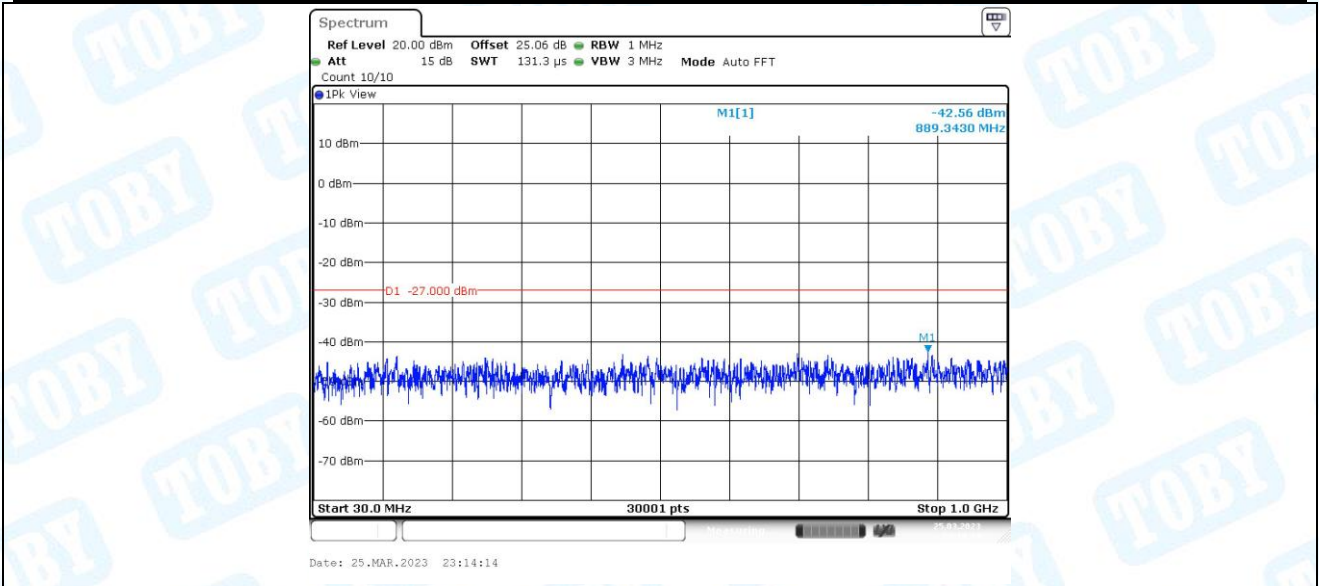
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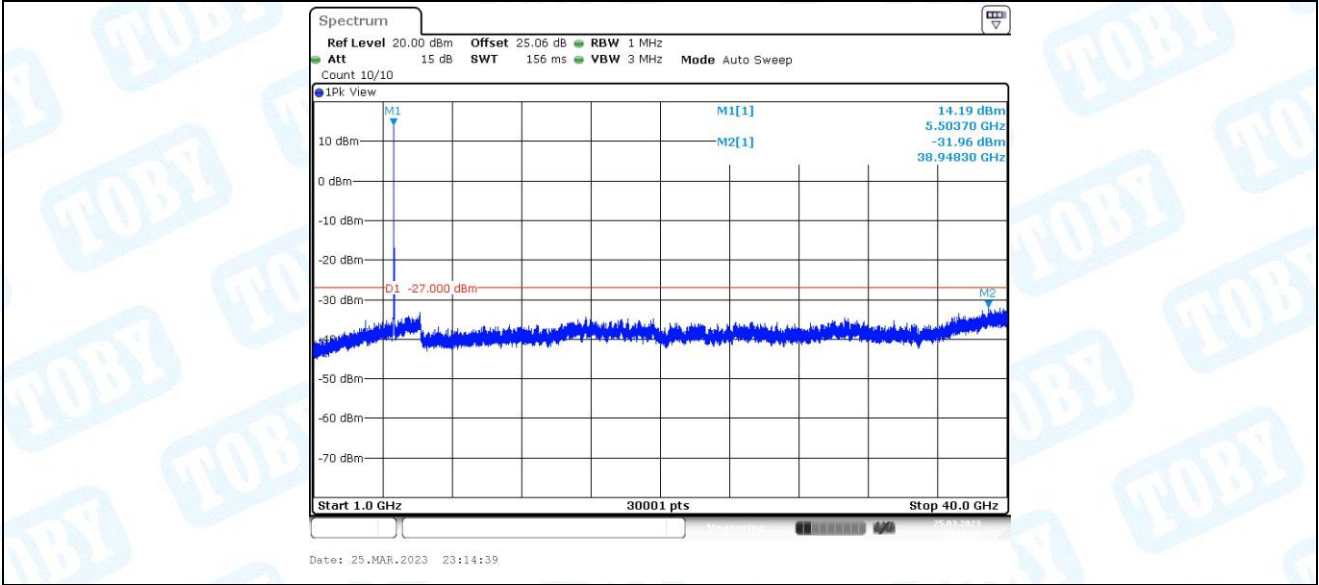
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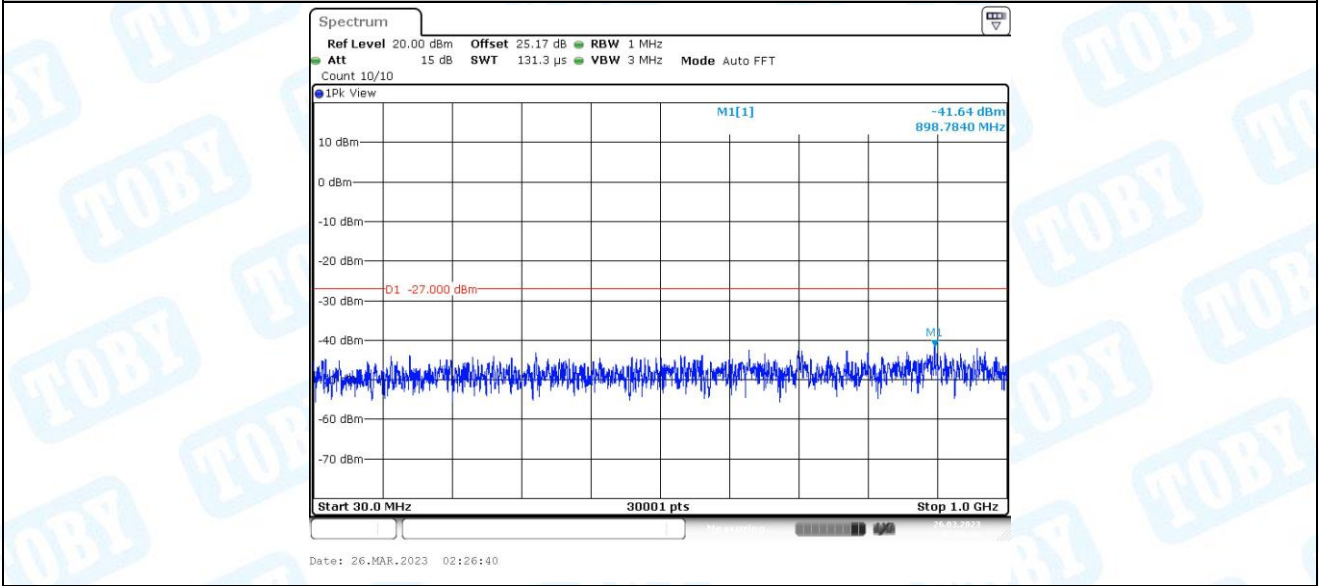
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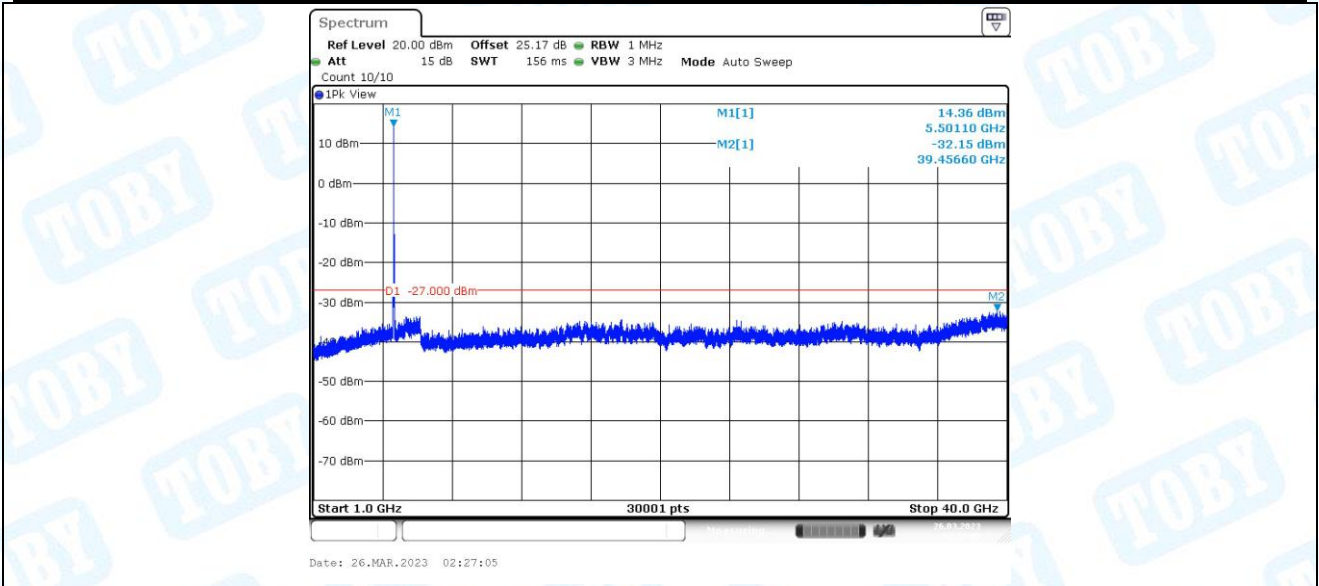


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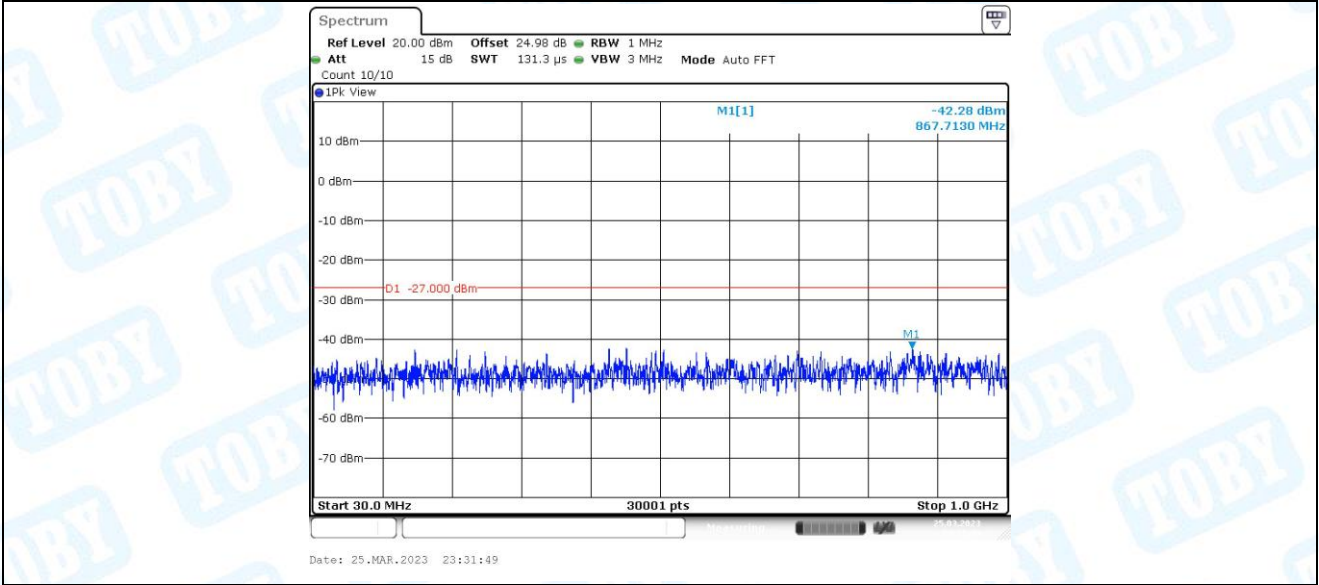


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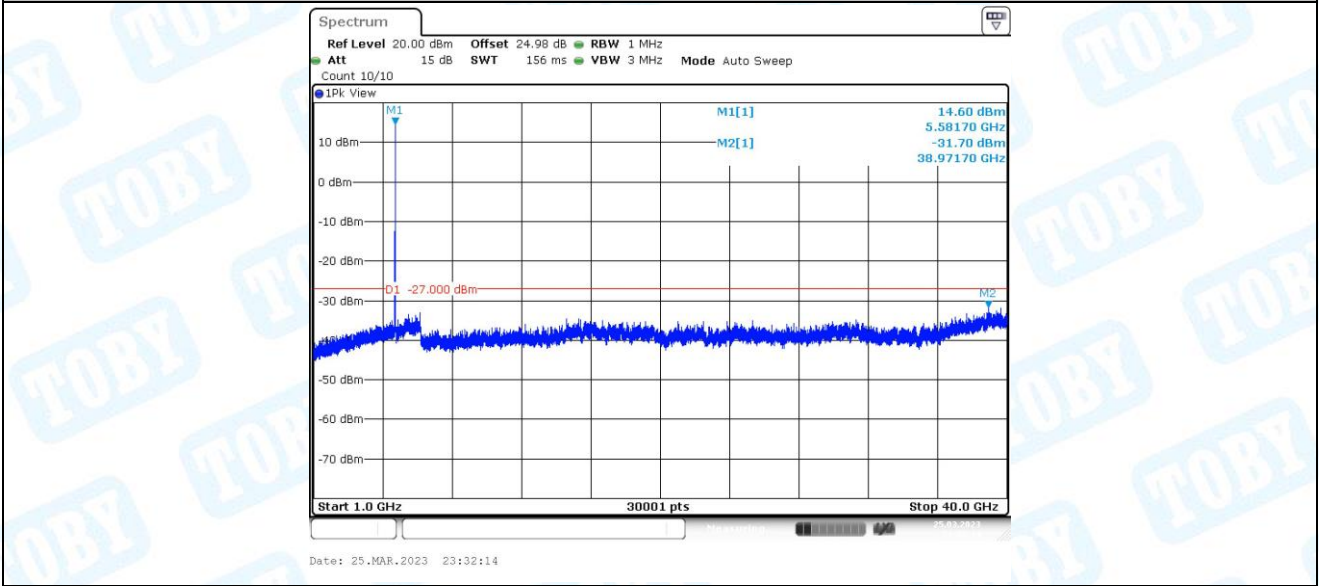




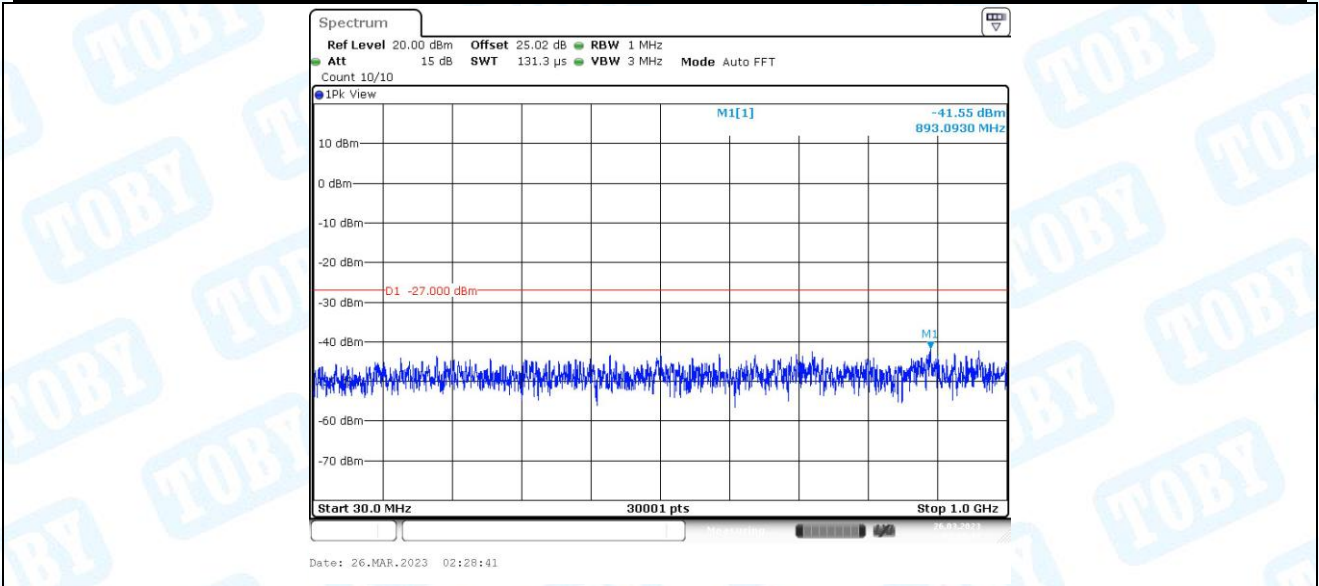
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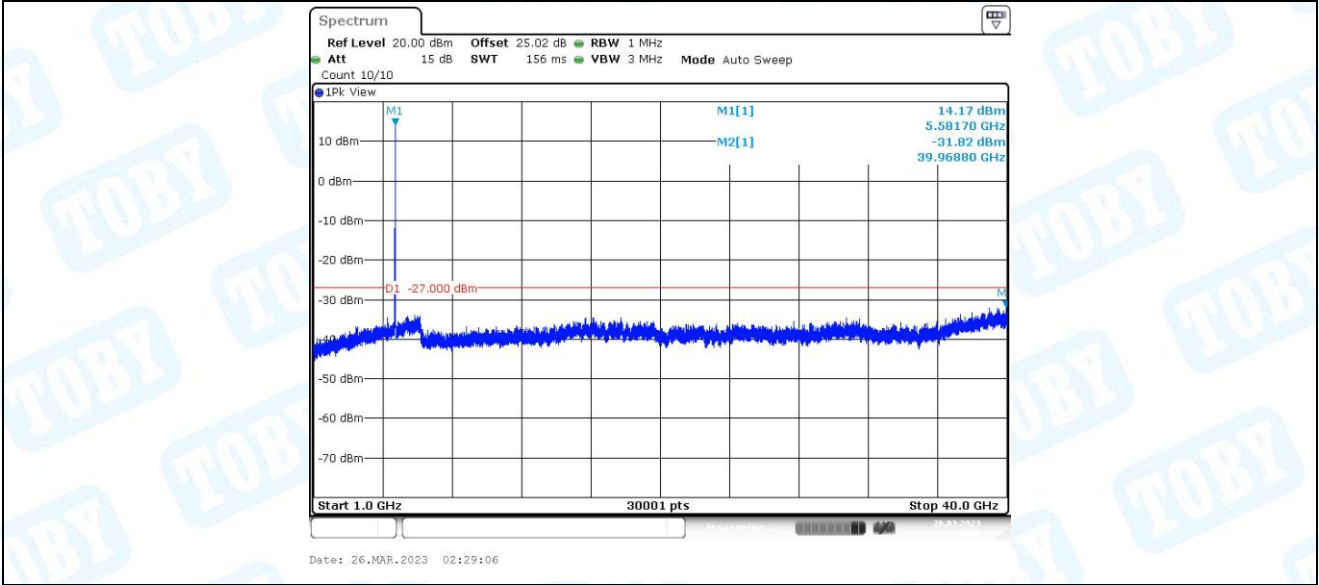
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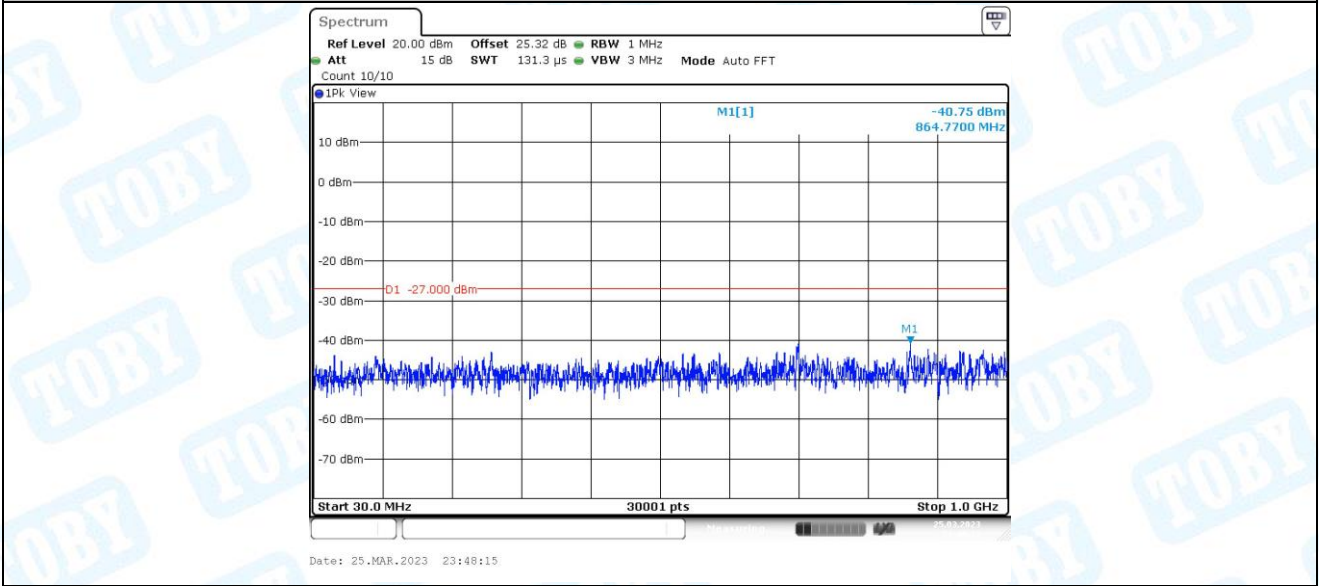
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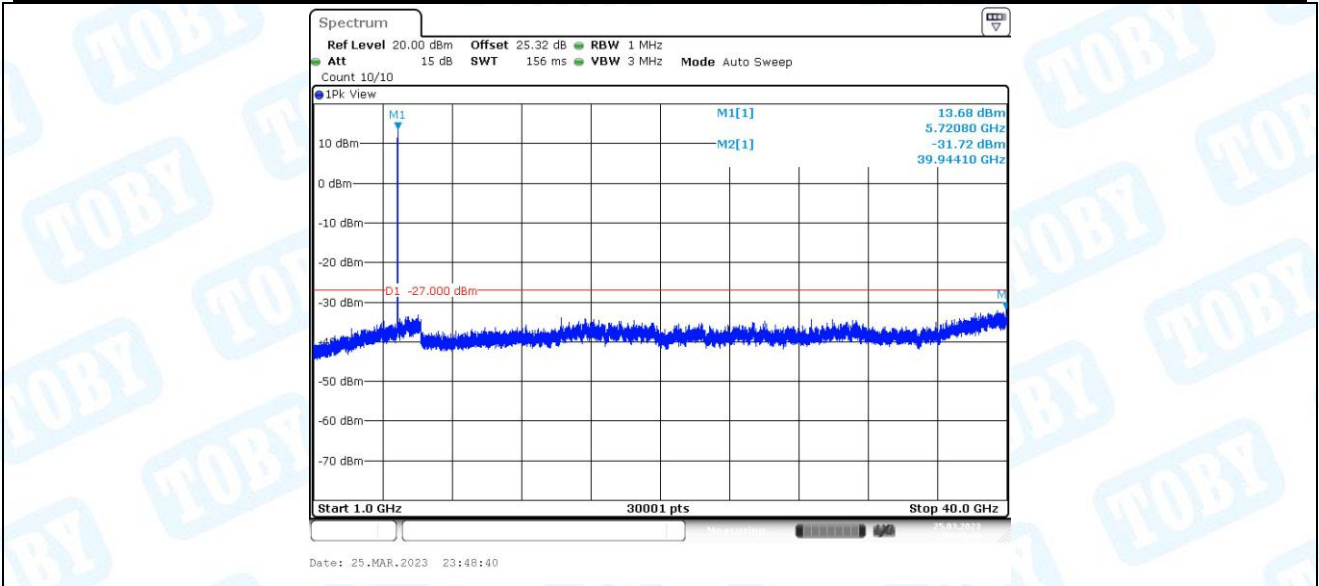


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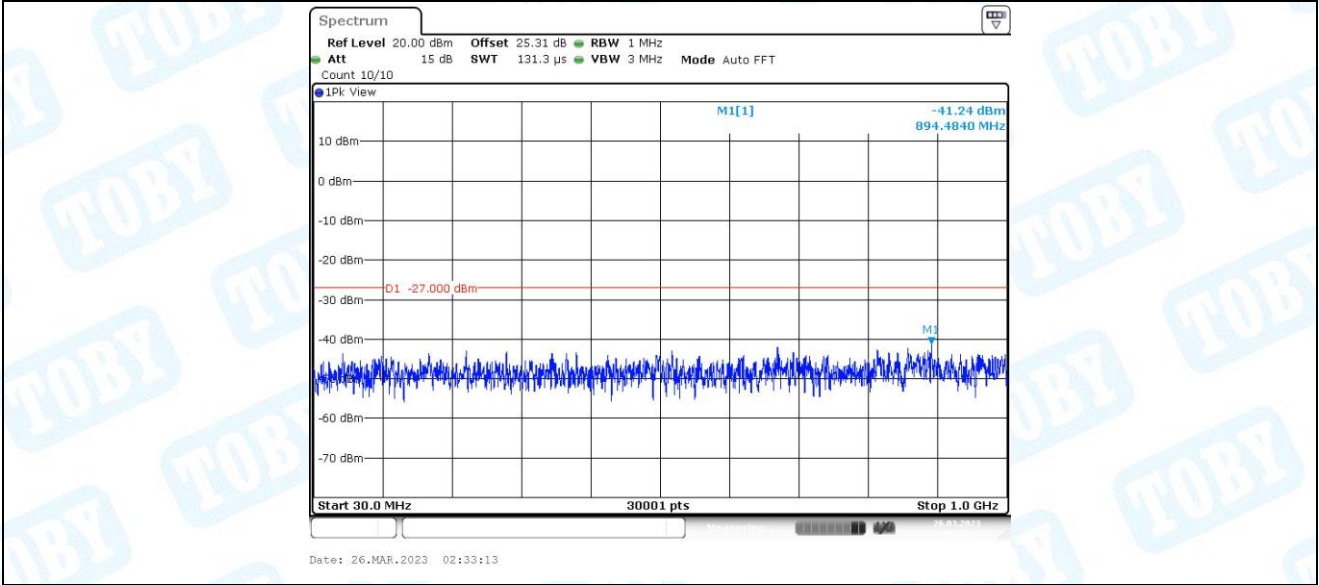


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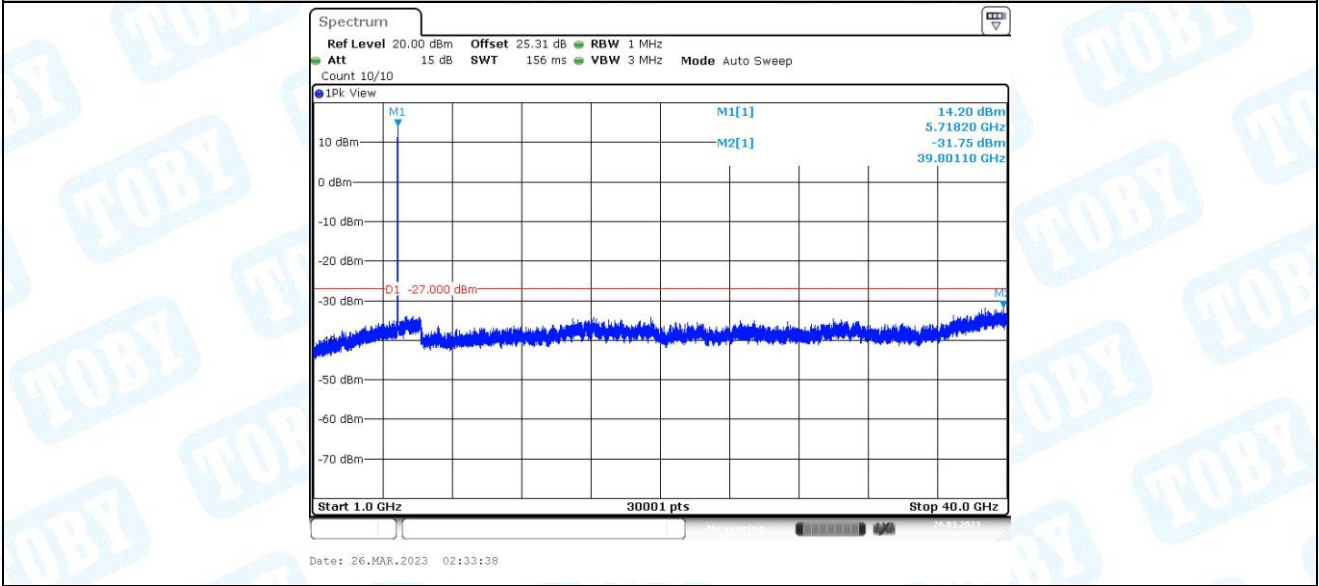




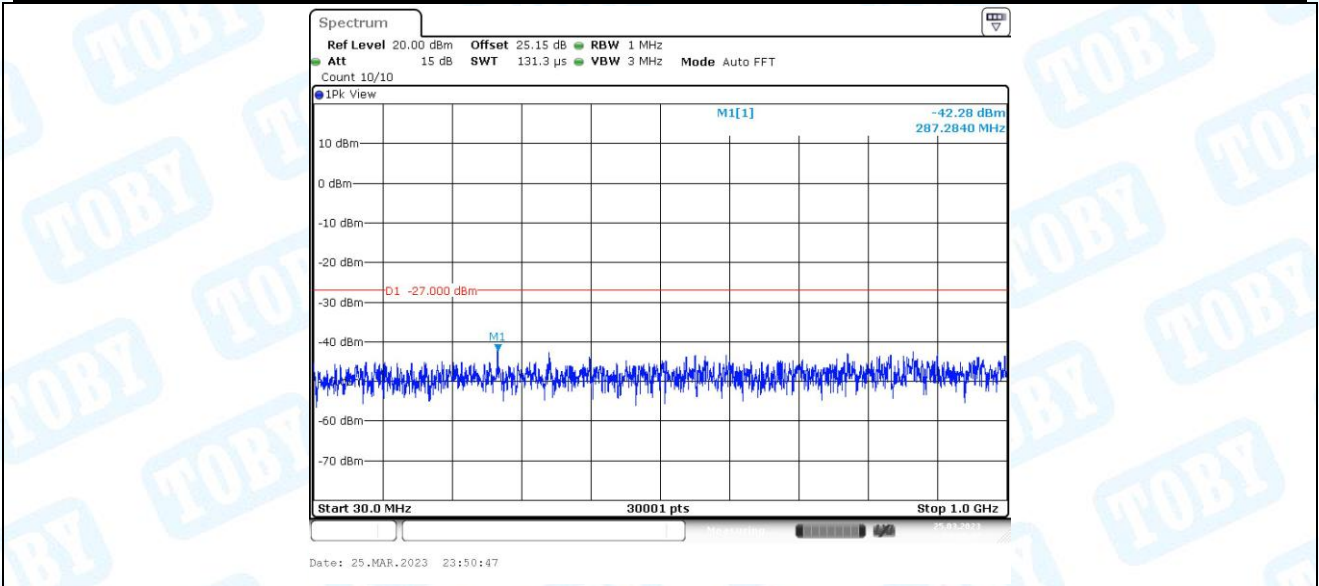
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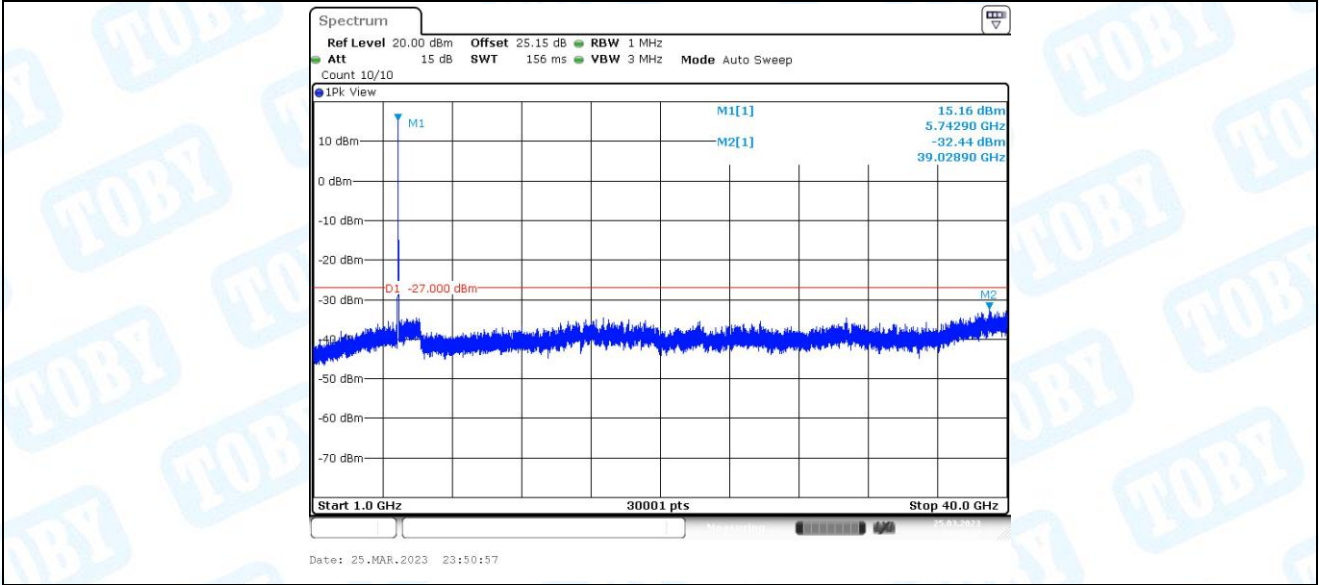
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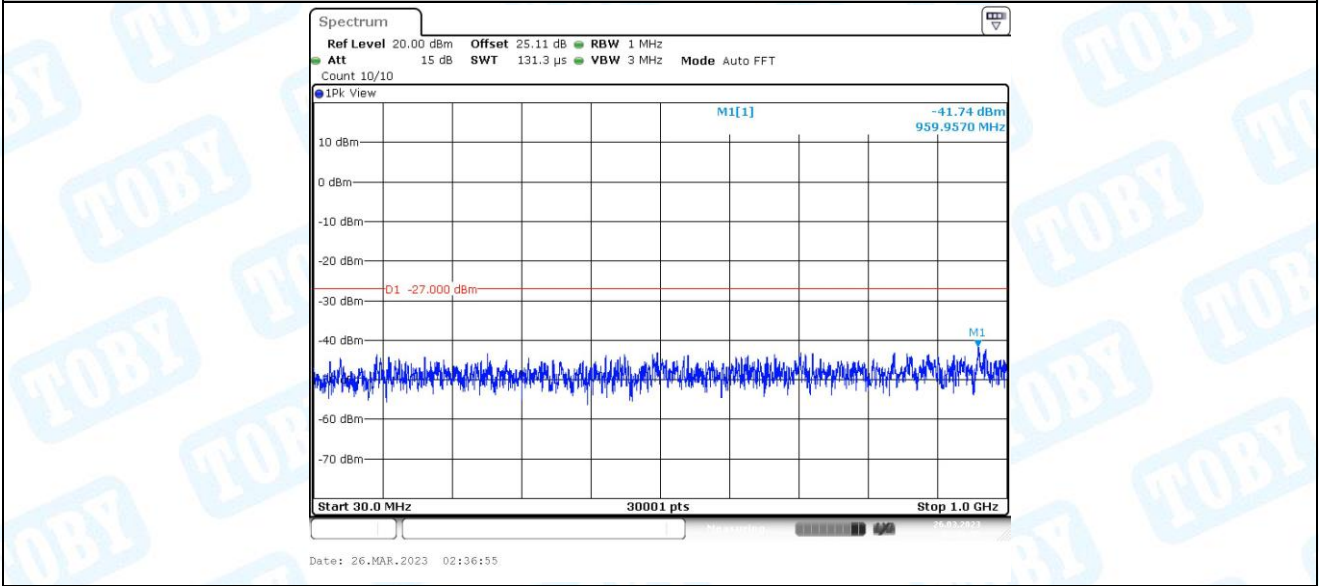
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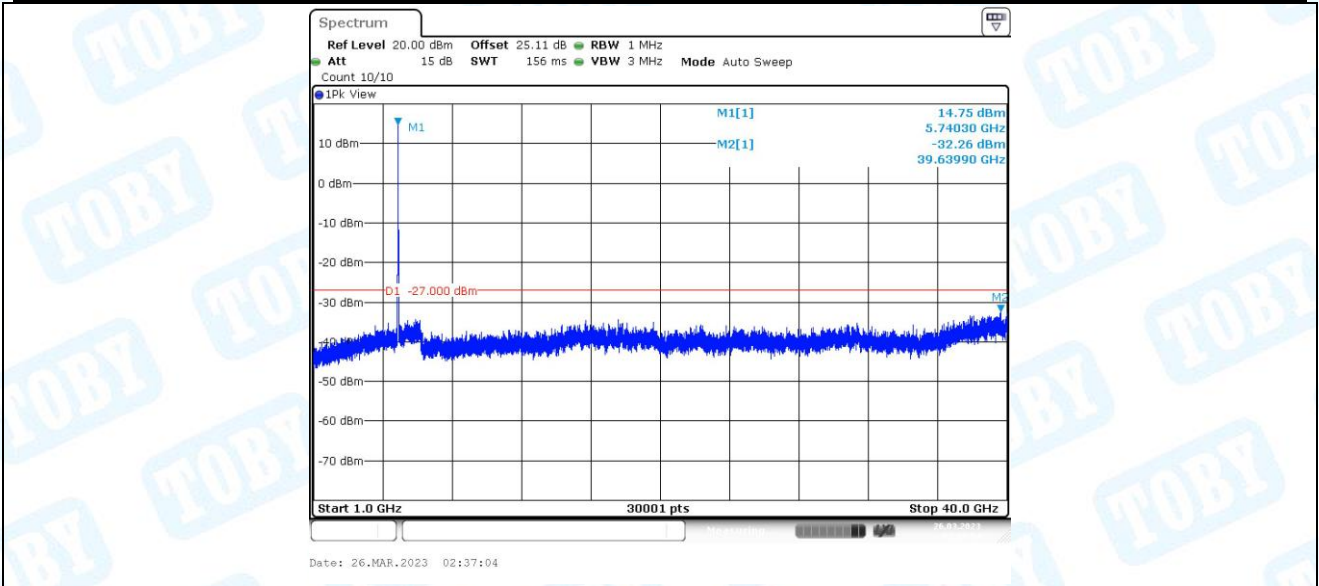


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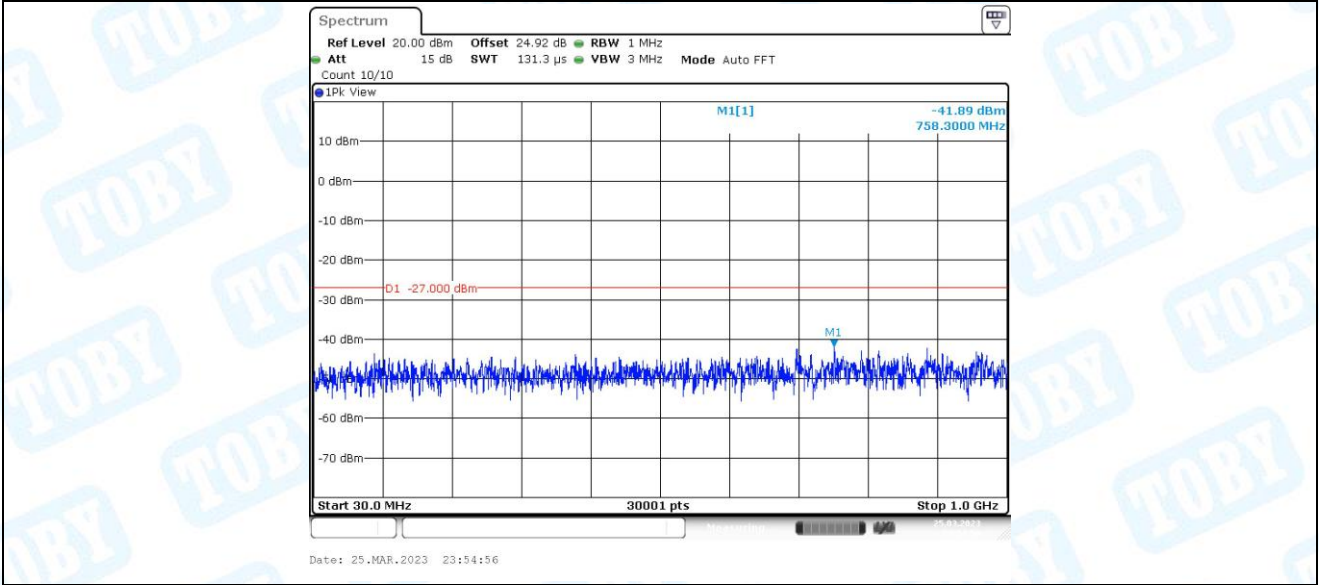


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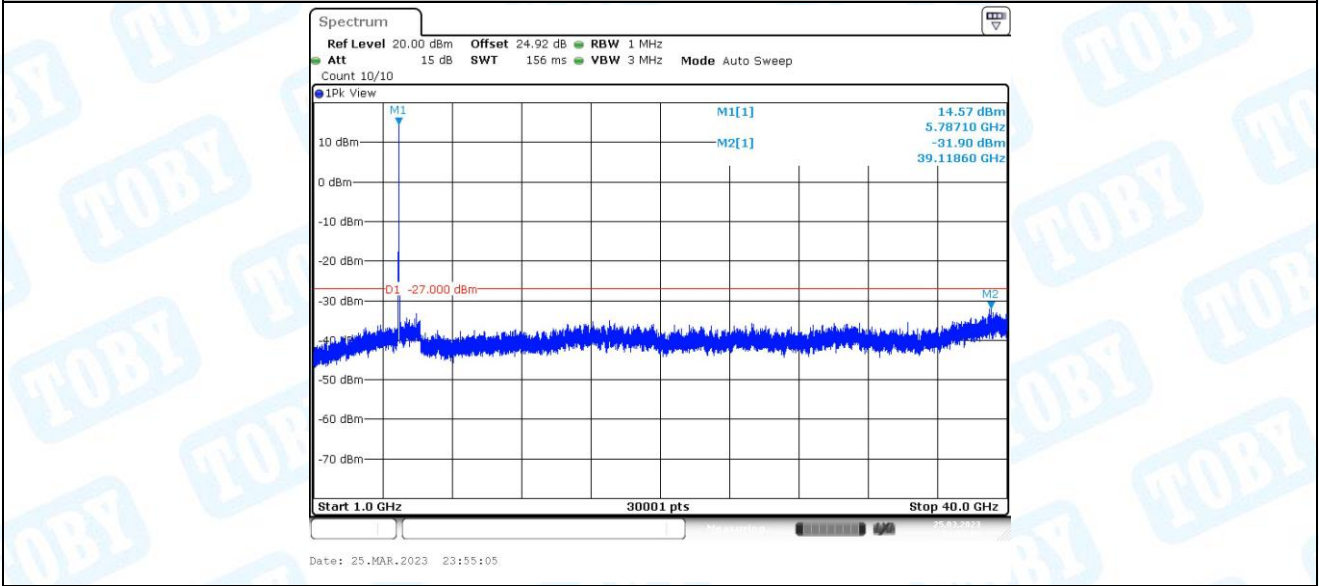




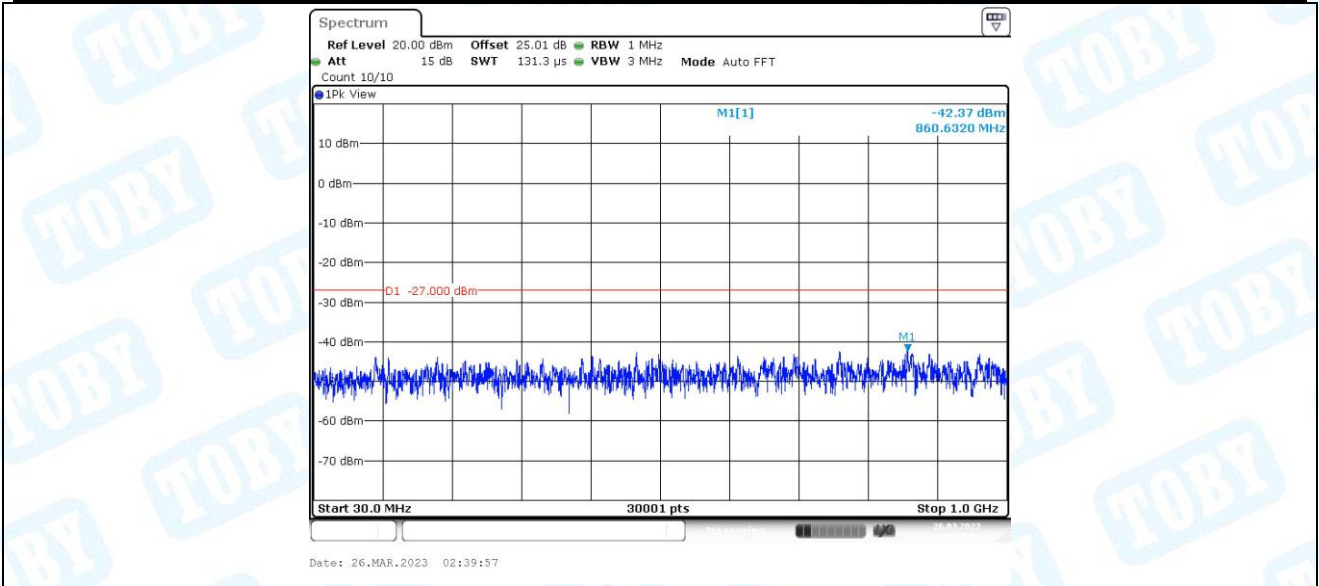
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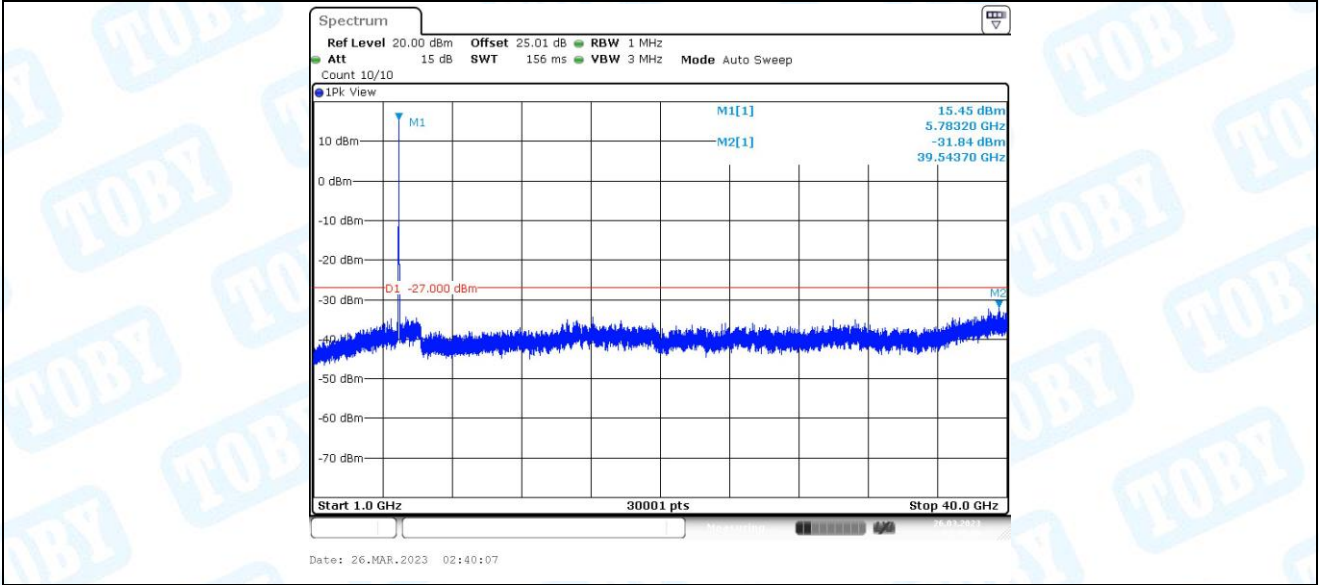
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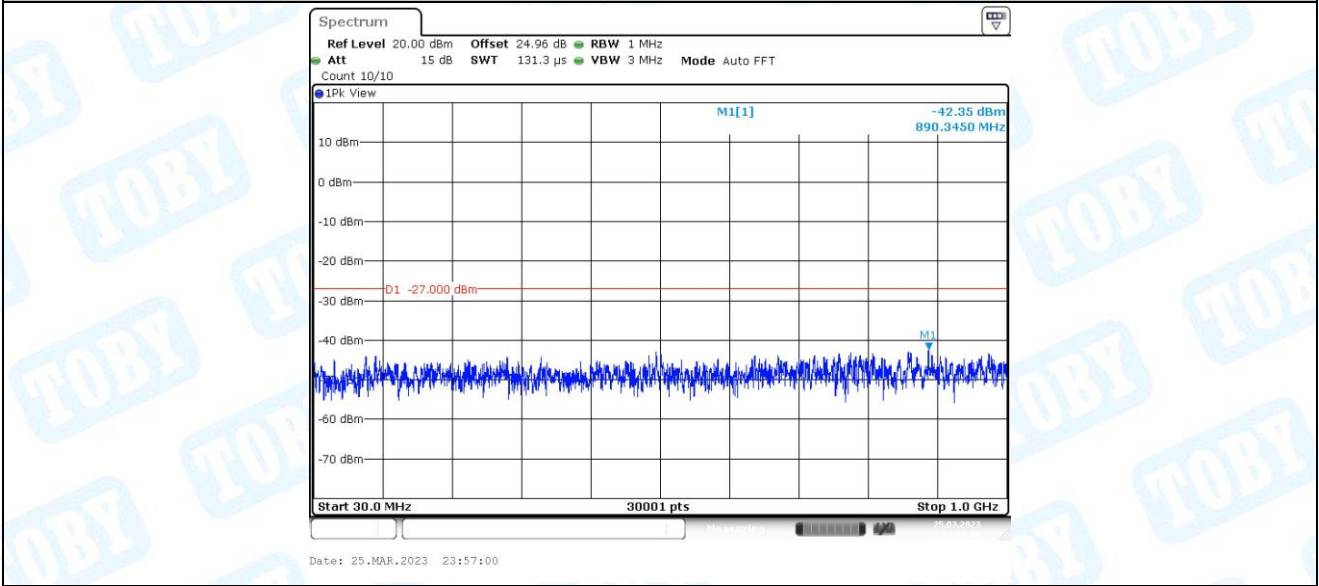
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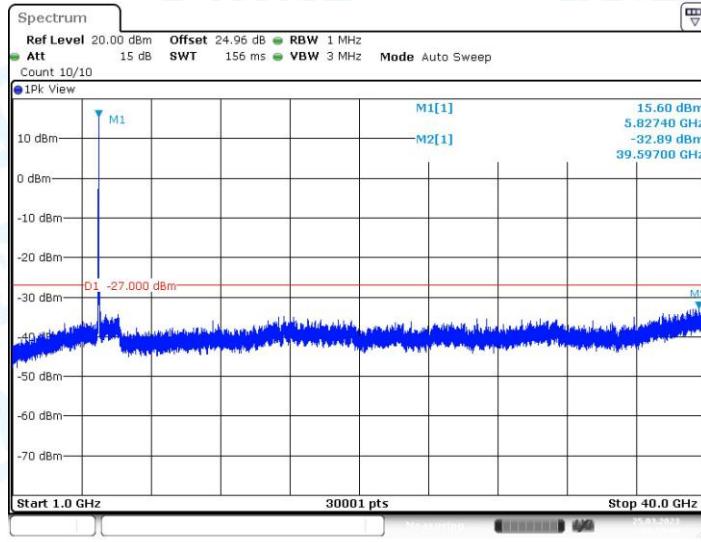


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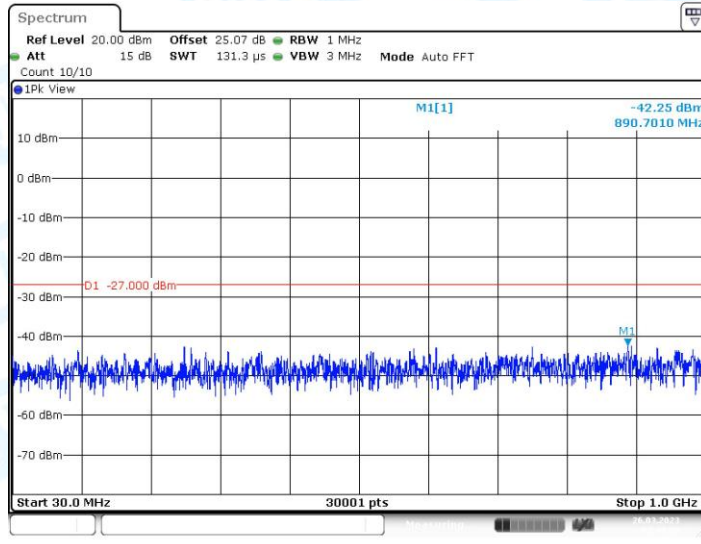
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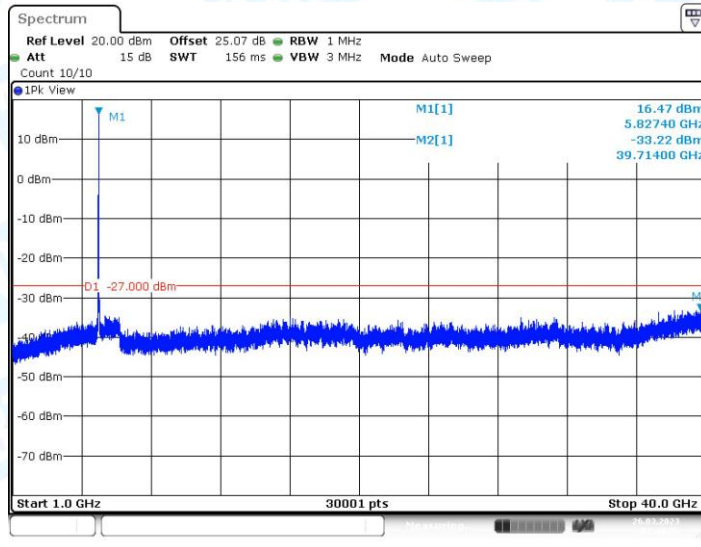
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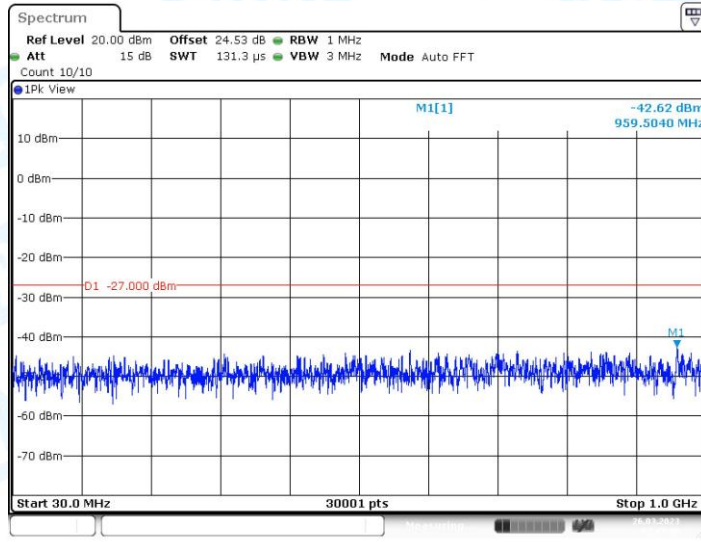
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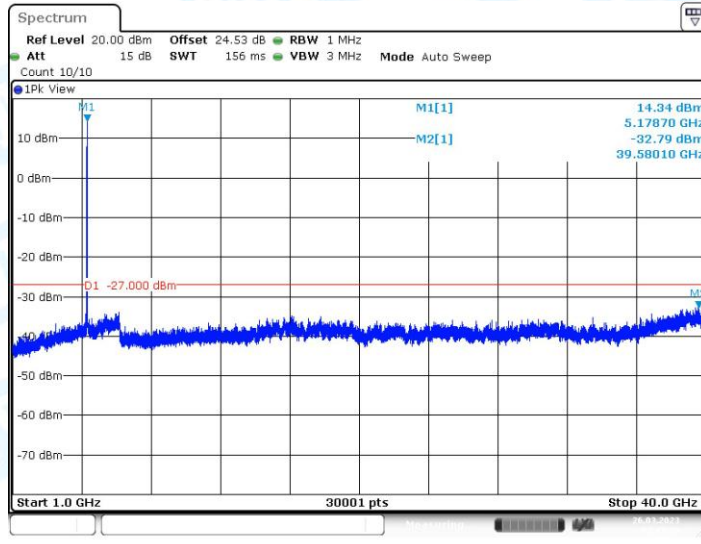
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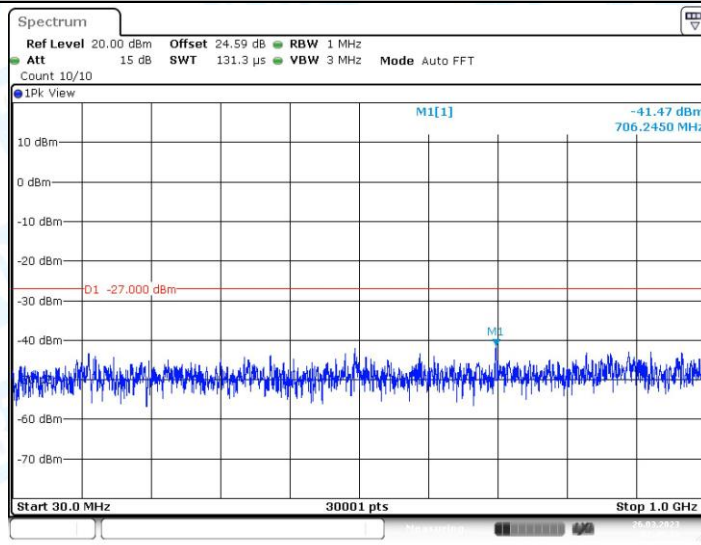
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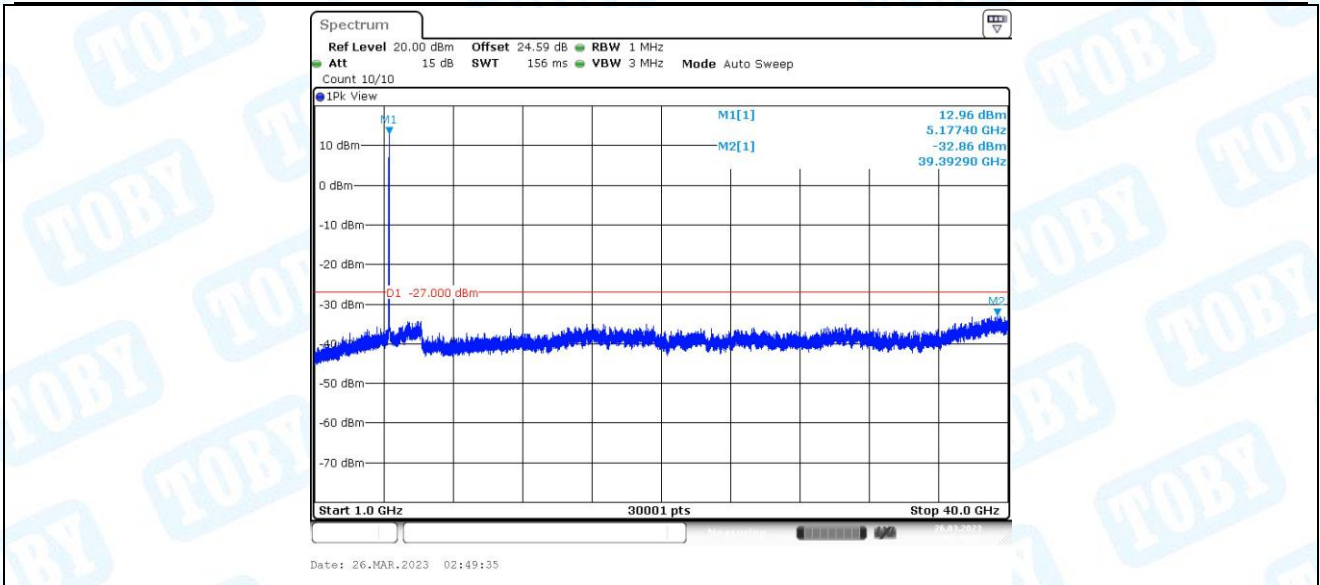
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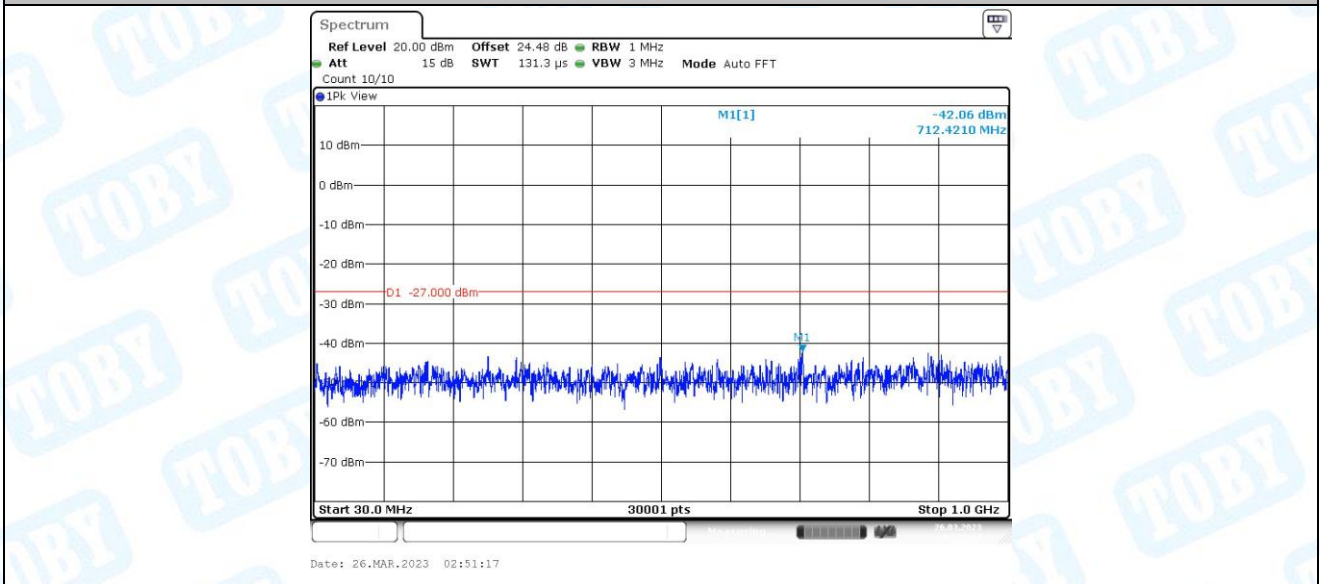
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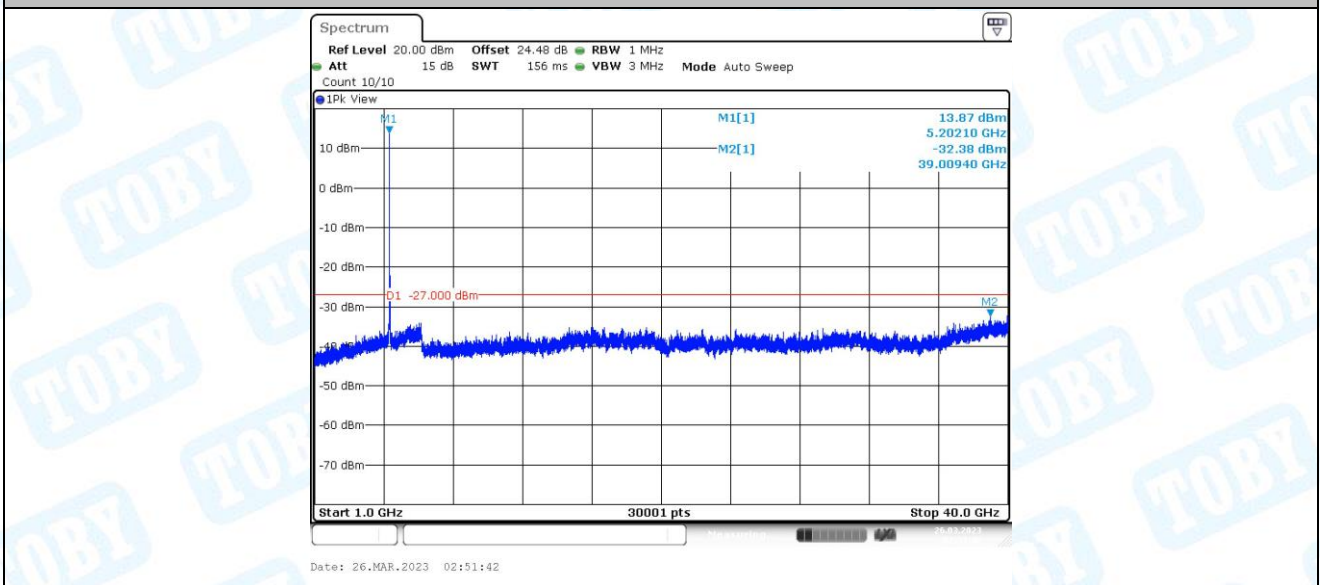




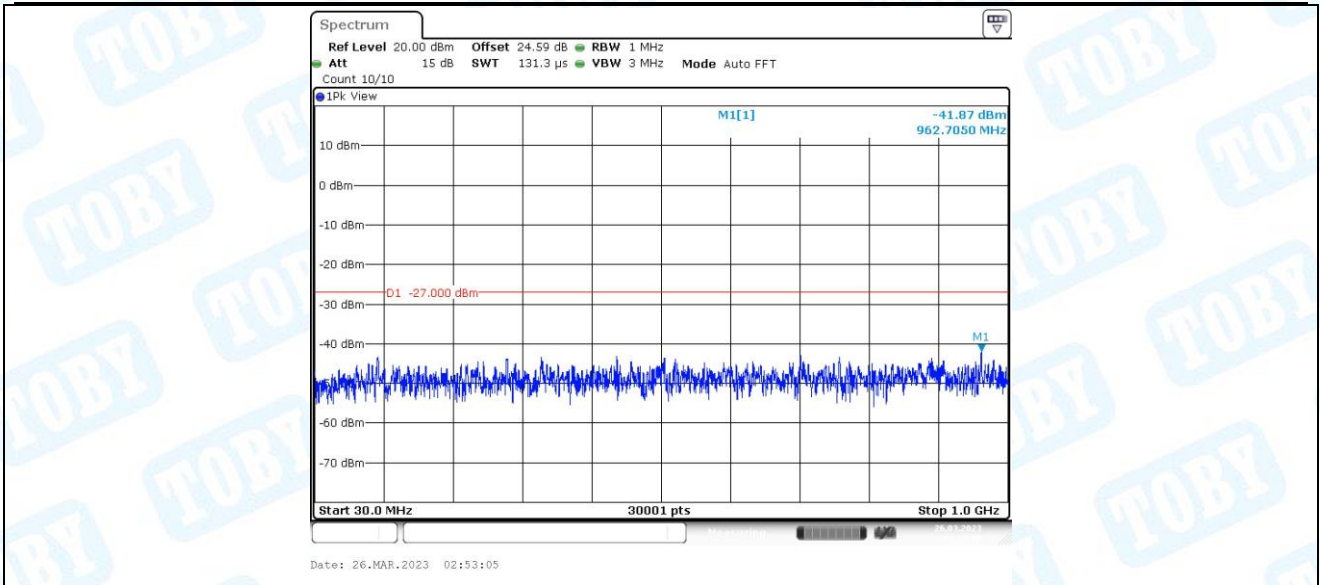
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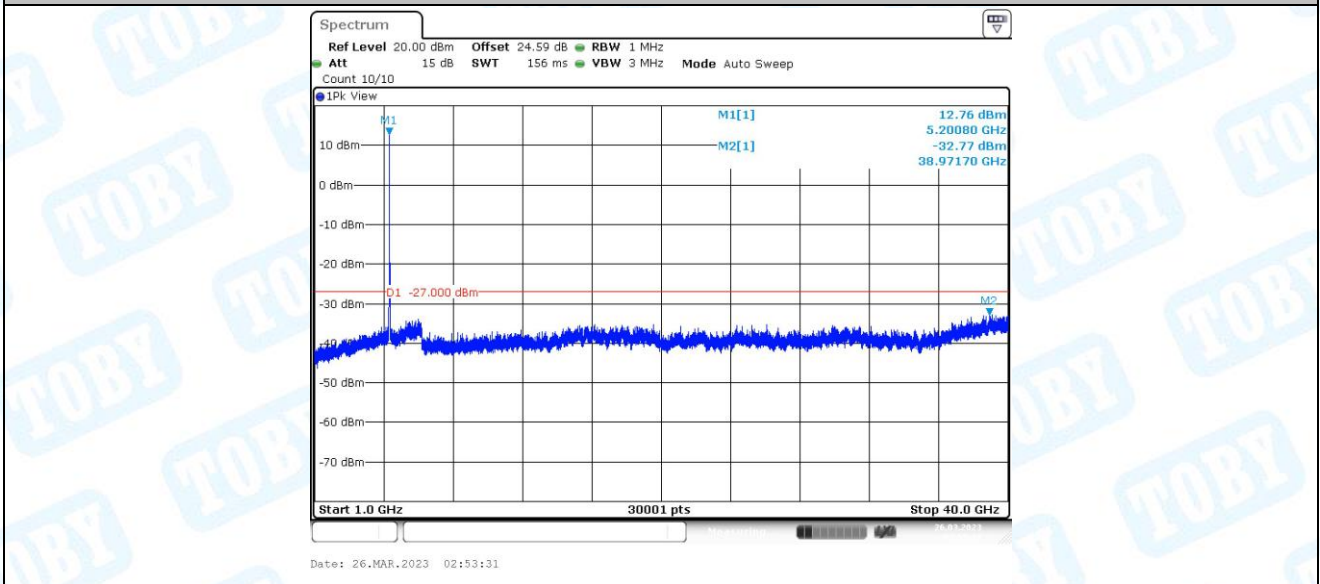
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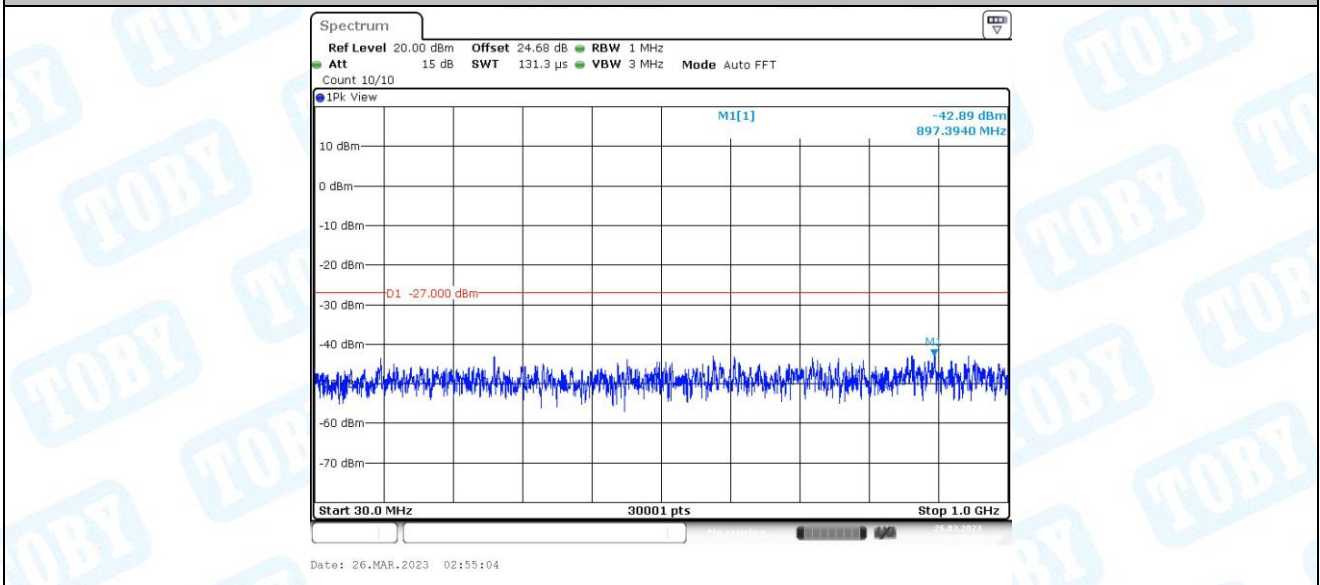
11N20MIMO\_Ant2\_5200\_30~1000



11N20MIMO\_Ant2\_5200\_1000~40000



11N20MIMO\_Ant1\_5240\_30~1000



11N20MIMO\_Ant1\_5240\_1000~40000