

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	Tablet PC
Test Model:	SCORE 710
Sample ID:	20211022-01_1-02#
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 3.7 V
Test Engineer:	HEJINGCHANG
Note: For a more detailed features description, please refer to the report TB-FCC185470	

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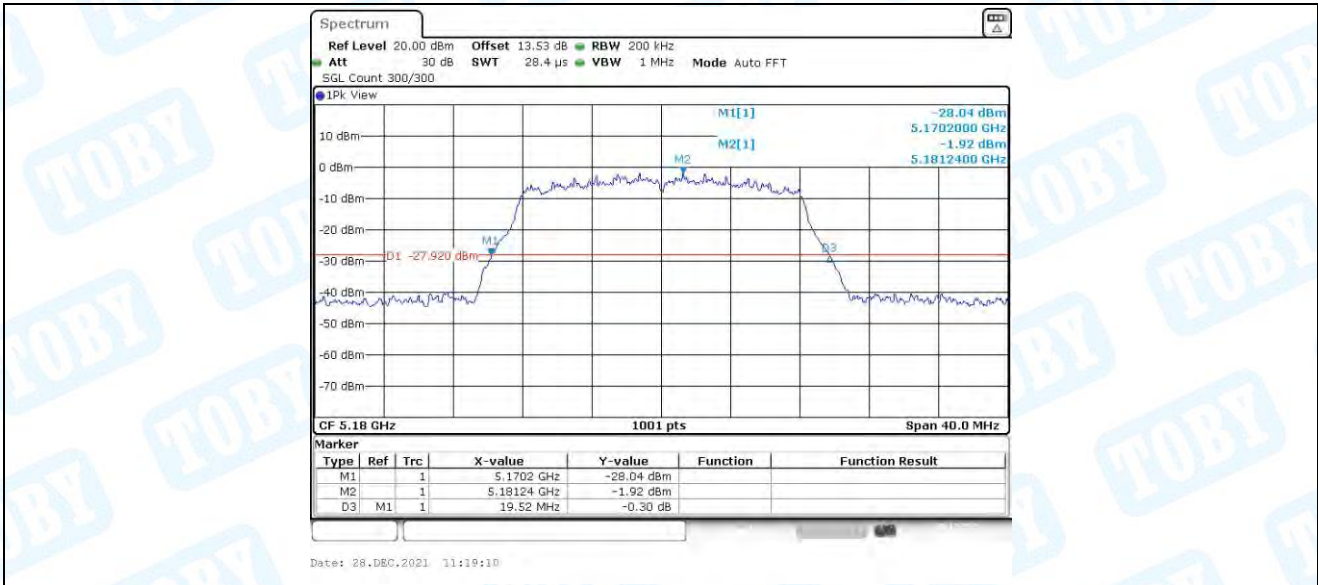
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1. Emission Bandwidth

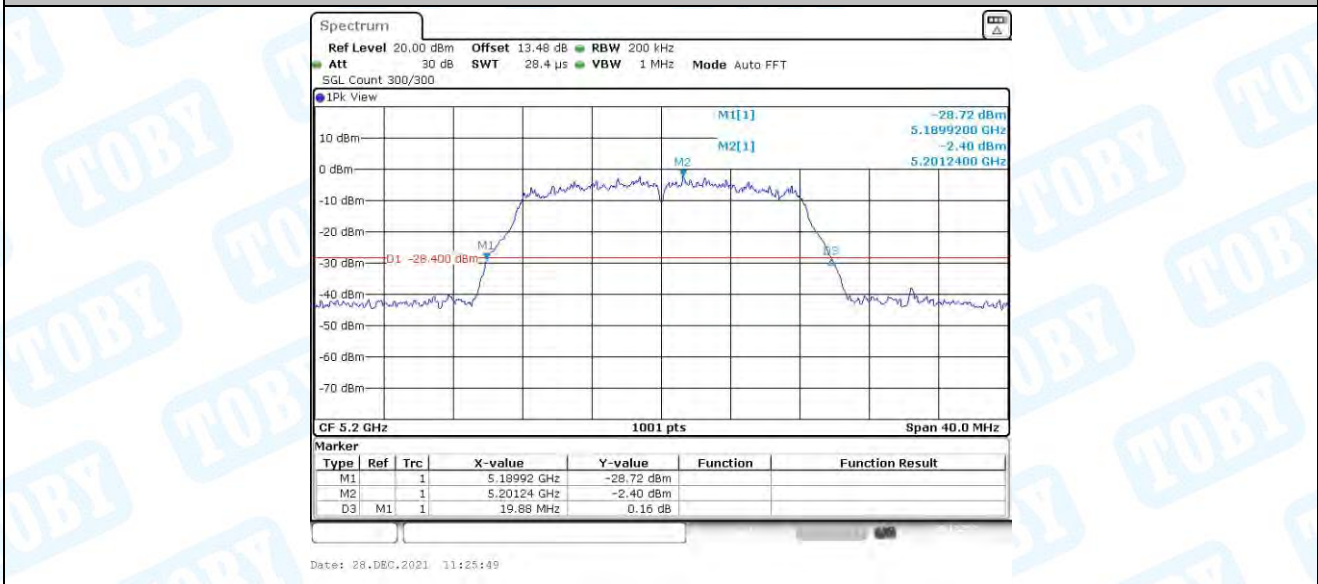
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.52	5170.20	5189.72	---	PASS
		5200	19.88	5189.92	5209.80	---	PASS
		5240	19.68	5230.12	5249.80	---	PASS
11N20SISO	Ant1	5180	20.12	5169.96	5190.08	---	PASS
		5200	20.08	5190.00	5210.08	---	PASS
		5240	20.36	5229.80	5250.16	---	PASS
11N40SISO	Ant1	5190	40.56	5169.60	5210.16	---	PASS
		5230	40.64	5209.44	5250.08	---	PASS
11AC20SISO	Ant1	5180	19.80	5170.12	5189.92	---	PASS
		5200	19.96	5189.96	5209.92	---	PASS
		5240	20.12	5229.88	5250.00	---	PASS
11AC40SISO	Ant1	5190	39.92	5169.92	5209.84	---	PASS
		5230	40.08	5209.92	5250.00	---	PASS
11AC80SISO	Ant1	5210	79.68	5170.16	5249.84	---	PASS

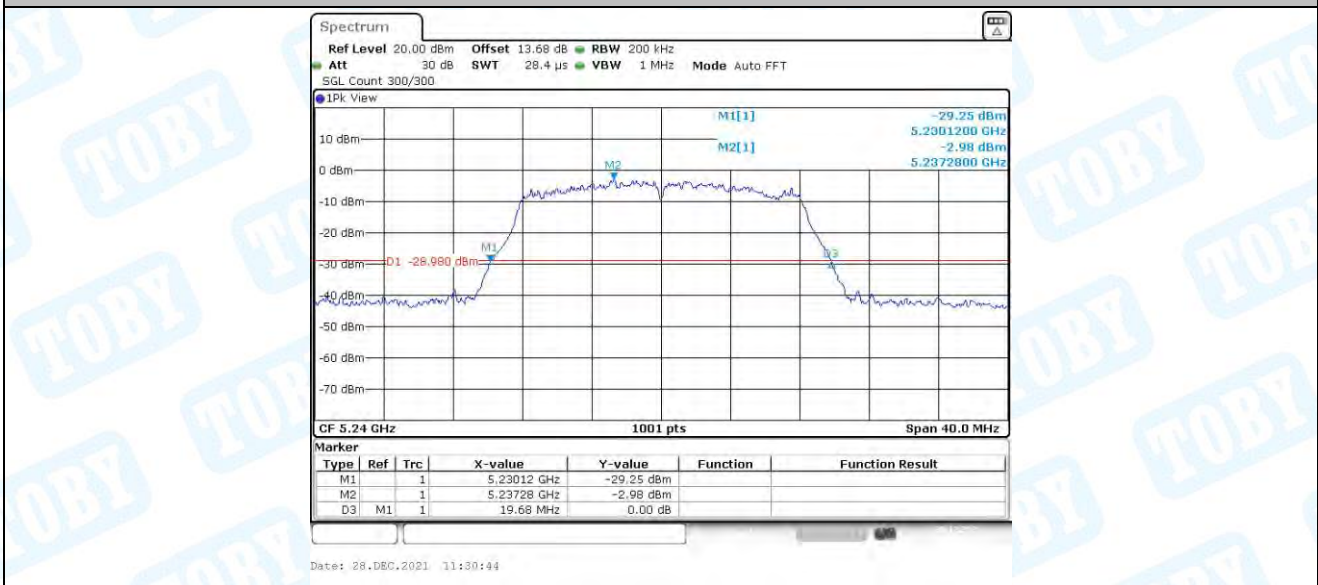
2.1. Test Graphs



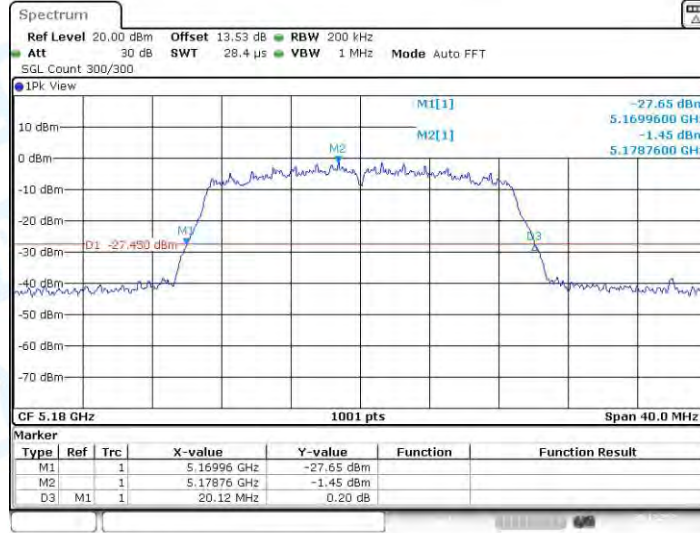
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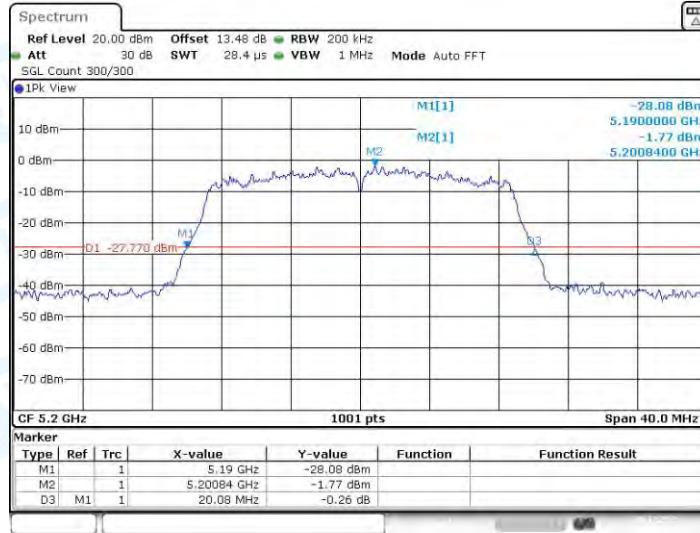
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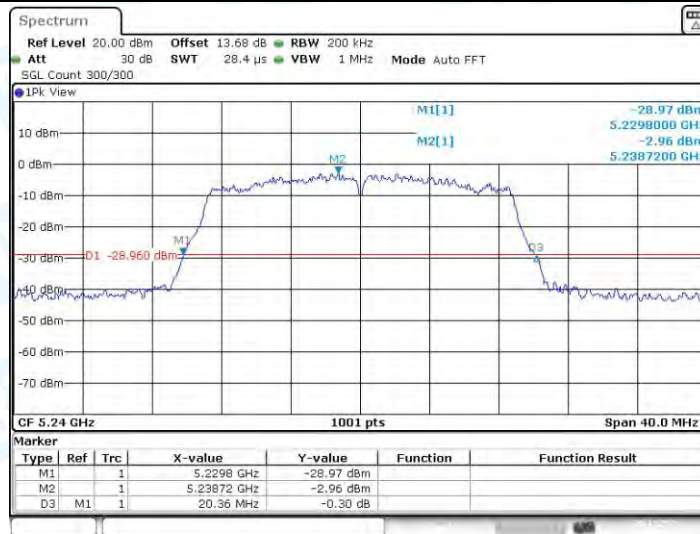
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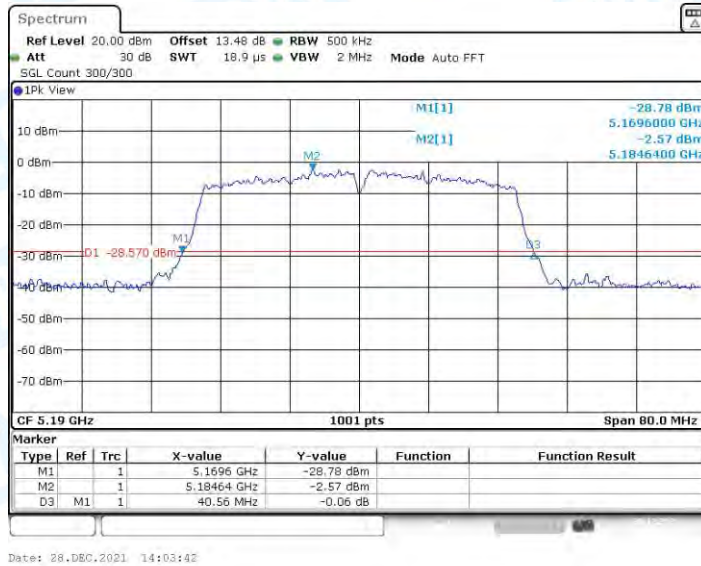
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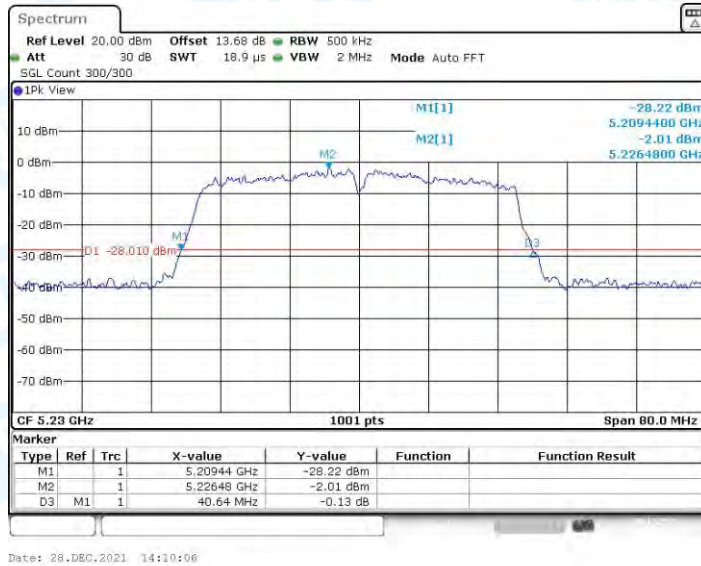
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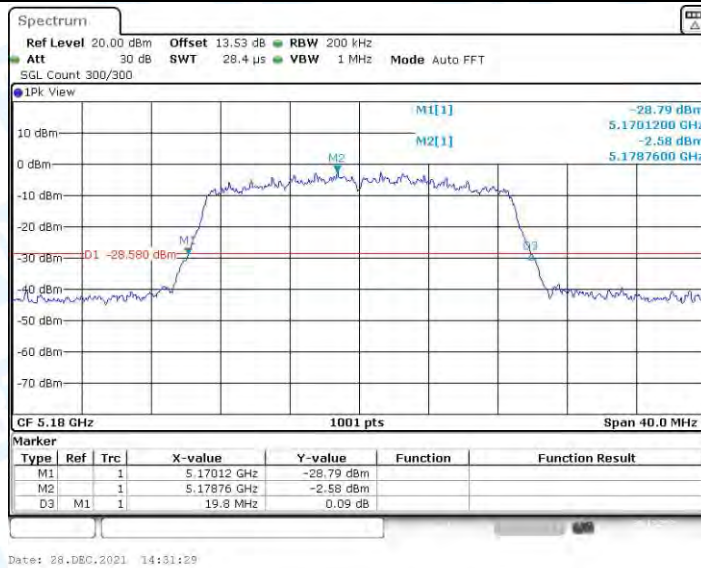
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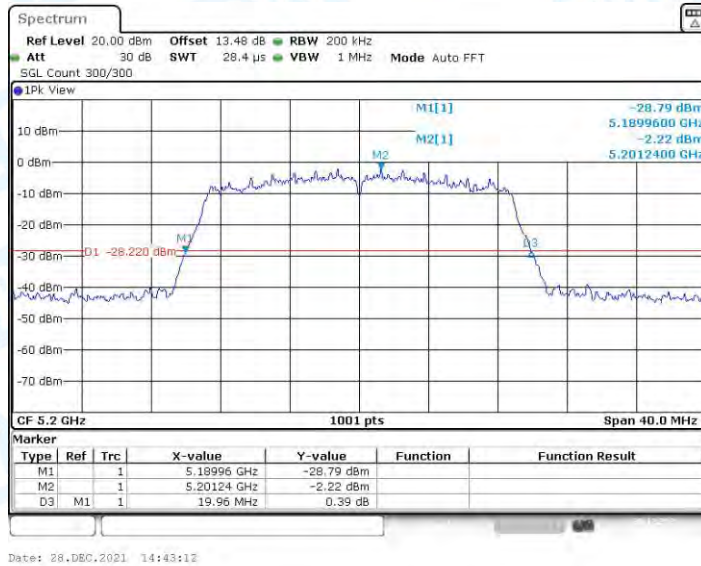
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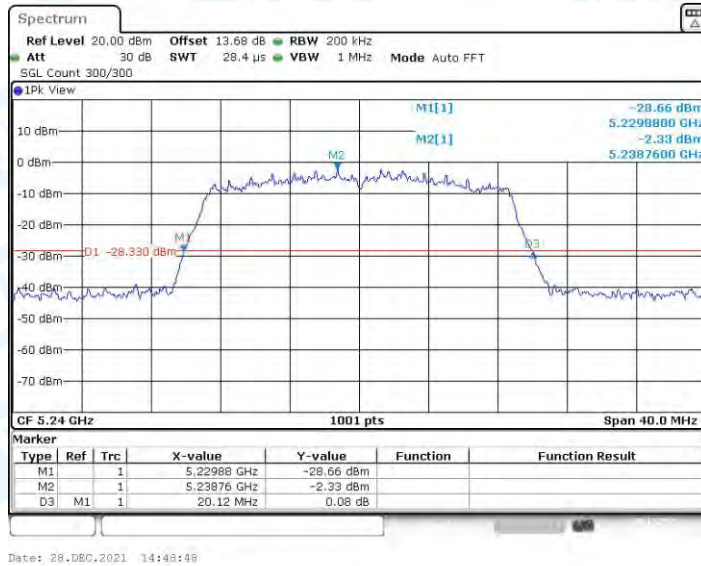
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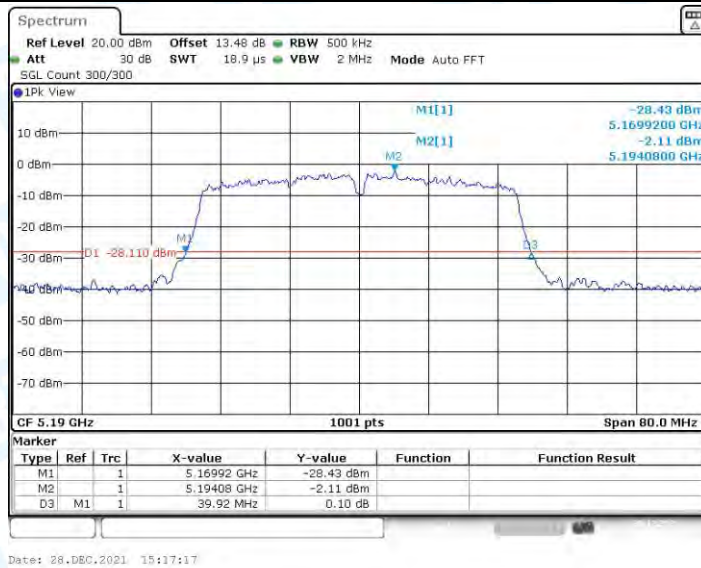
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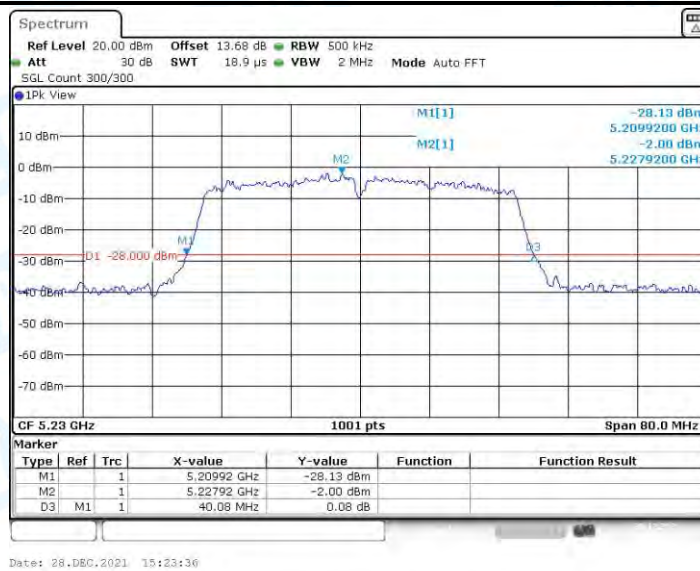
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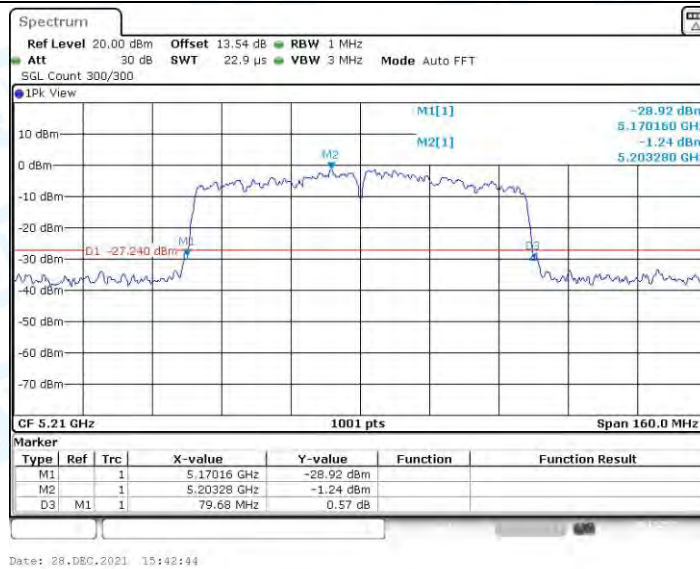
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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



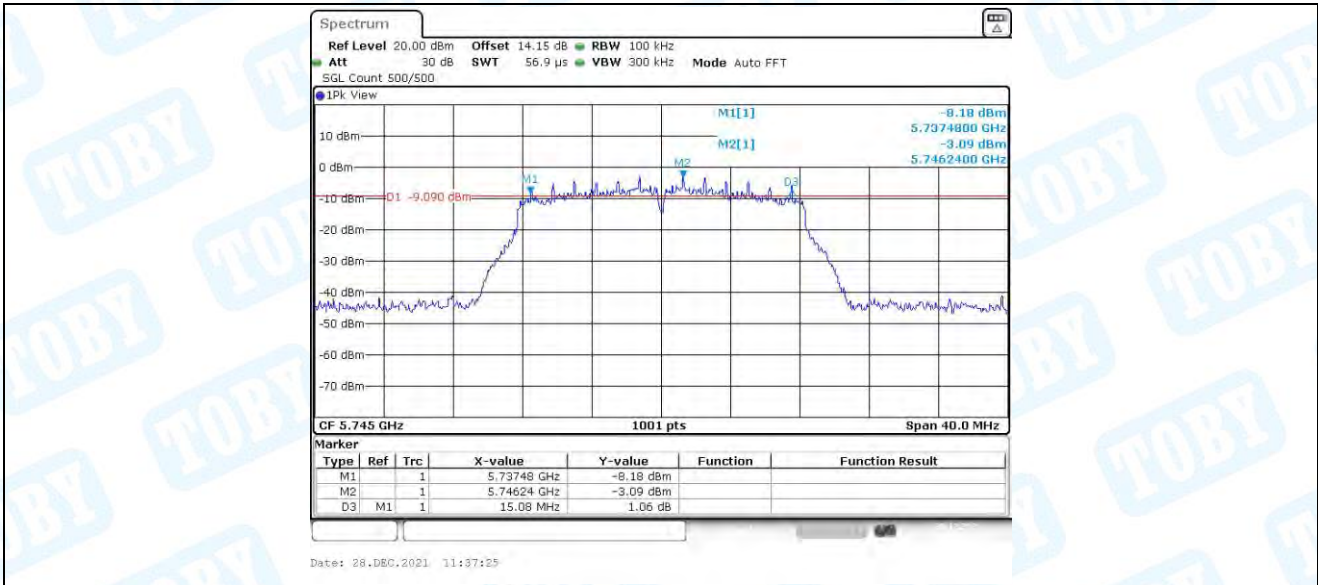
11AC80SISO_Ant1_5210

3. Min emission bandwidth

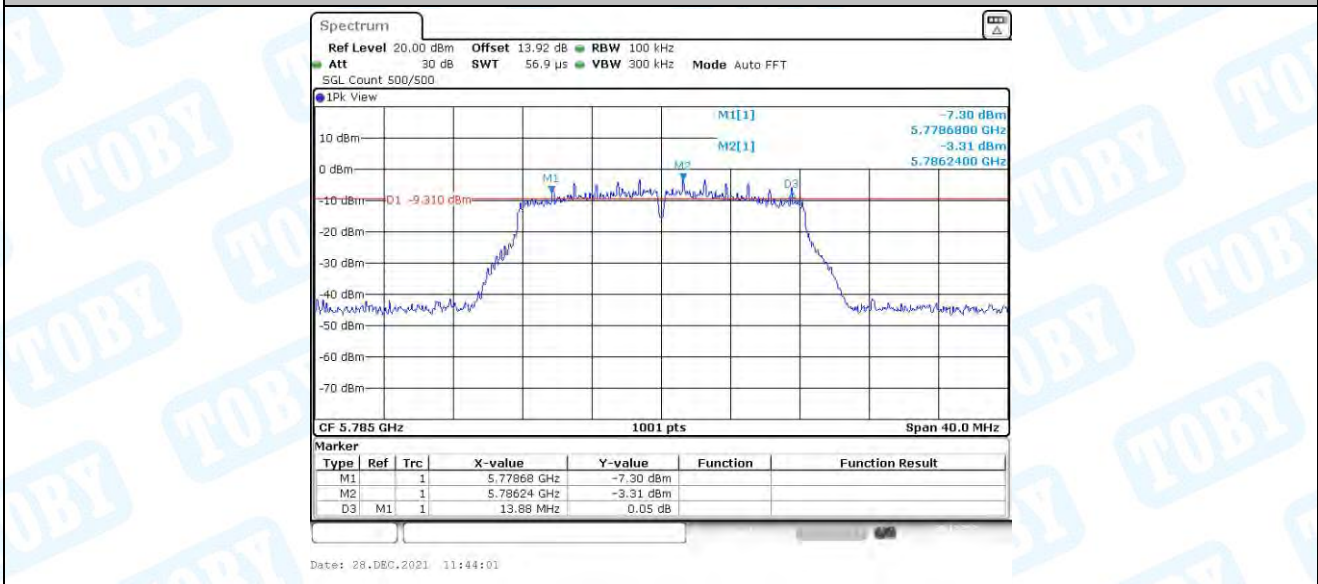
3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.08	5737.48	5752.56	0.5	PASS
		5785	13.88	5778.68	5792.56	0.5	PASS
		5825	15.28	5817.48	5832.76	0.5	PASS
11N20SISO	Ant1	5745	16.68	5736.84	5753.52	0.5	PASS
		5785	17.56	5776.24	5793.80	0.5	PASS
		5825	17.08	5816.48	5833.56	0.5	PASS
11N40SISO	Ant1	5755	35.20	5737.40	5772.60	0.5	PASS
		5795	35.12	5777.48	5812.60	0.5	PASS
11AC20SISO	Ant1	5745	15.12	5737.44	5752.56	0.5	PASS
		5785	17.60	5776.20	5793.80	0.5	PASS
		5825	15.92	5817.48	5833.40	0.5	PASS
11AC40SISO	Ant1	5755	30.64	5737.48	5768.12	0.5	PASS
		5795	35.04	5777.48	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	68.96	5743.64	5812.60	0.5	PASS

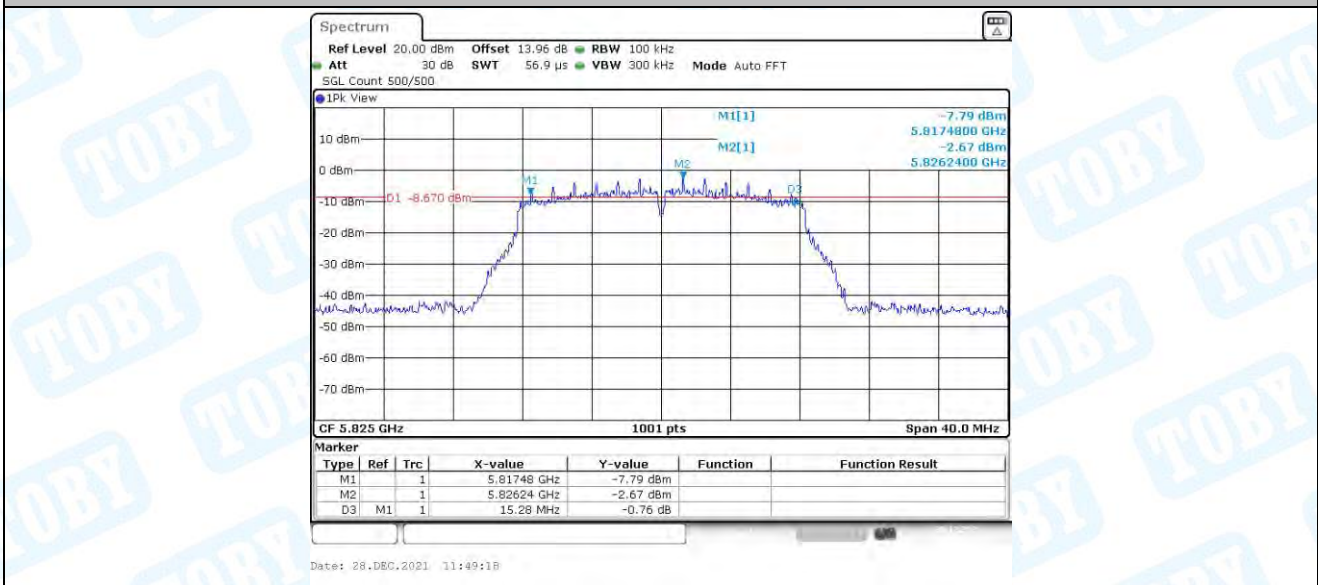
3.2. Test Graphs



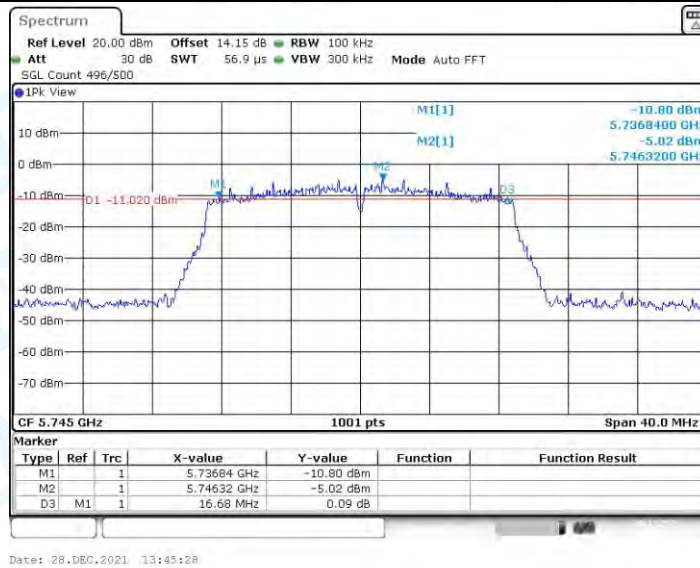
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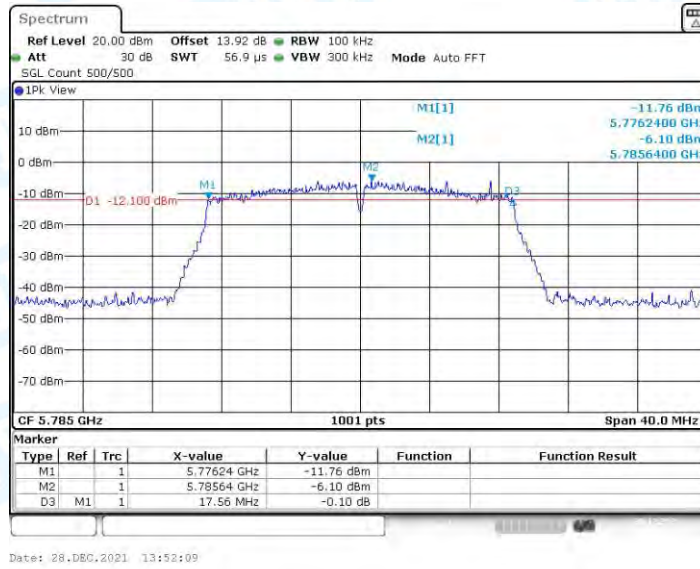
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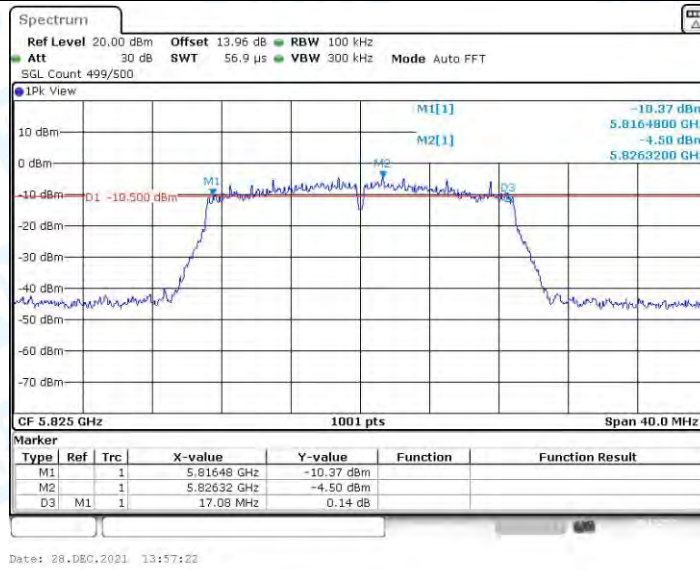
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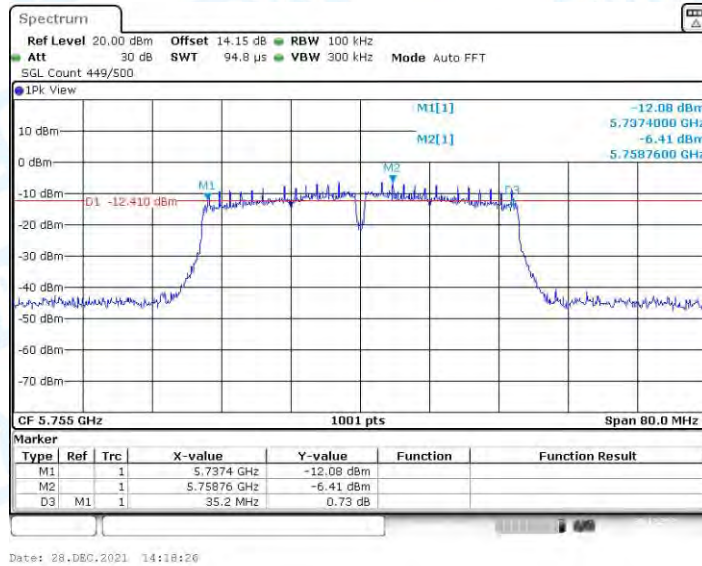
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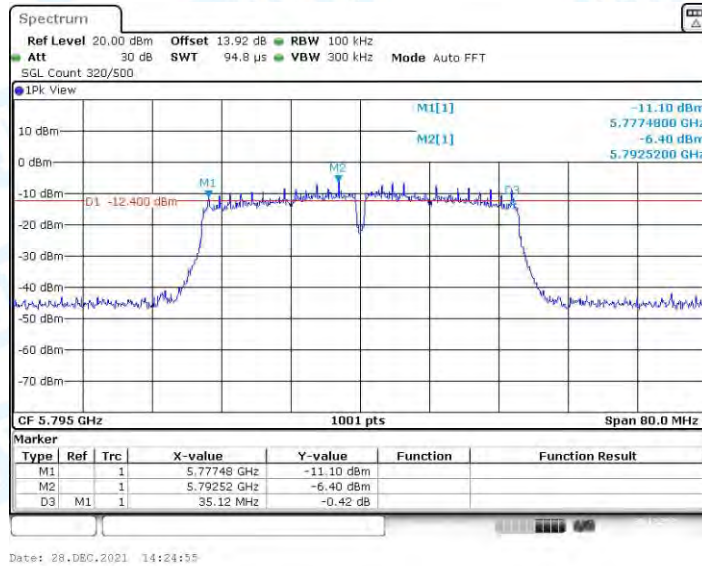
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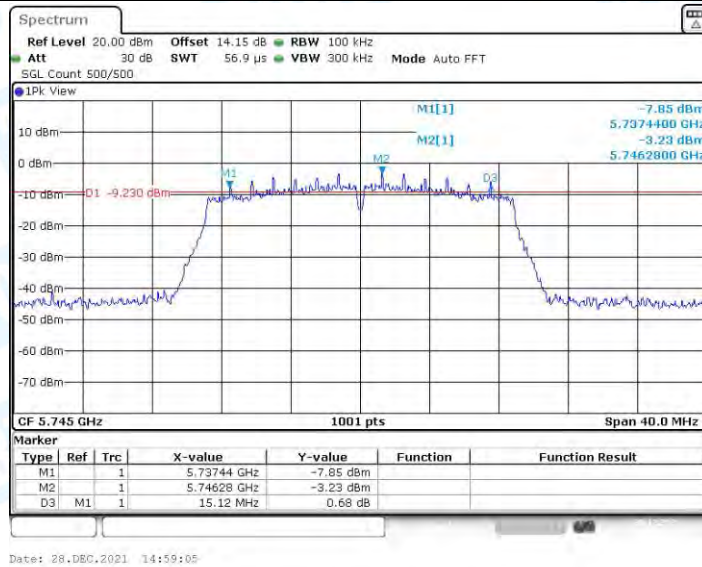
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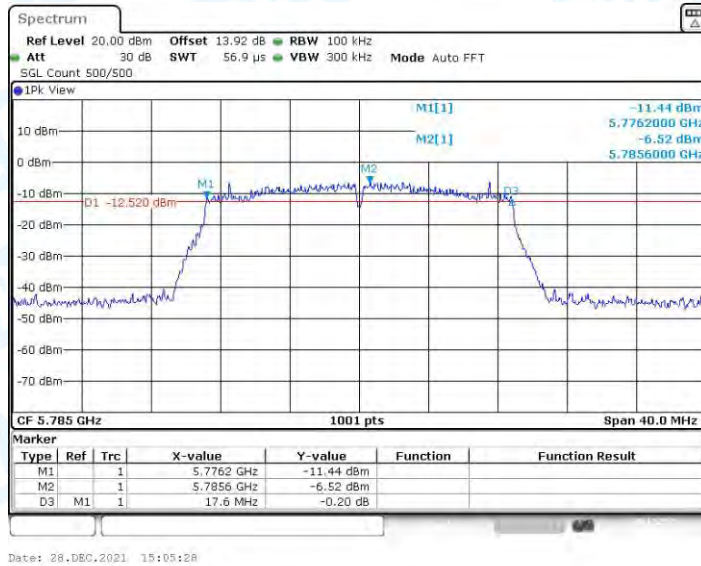
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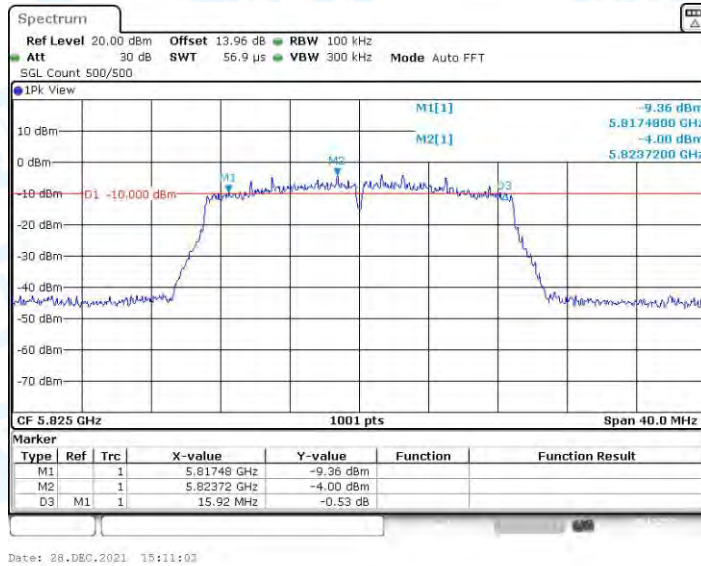
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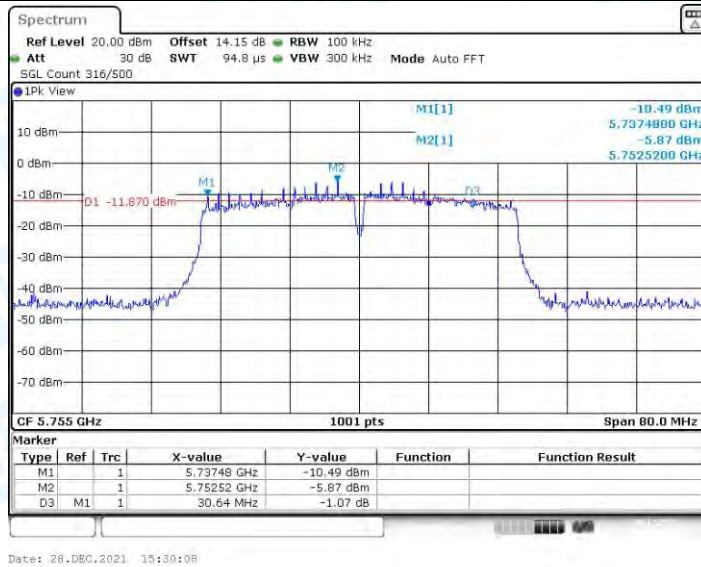
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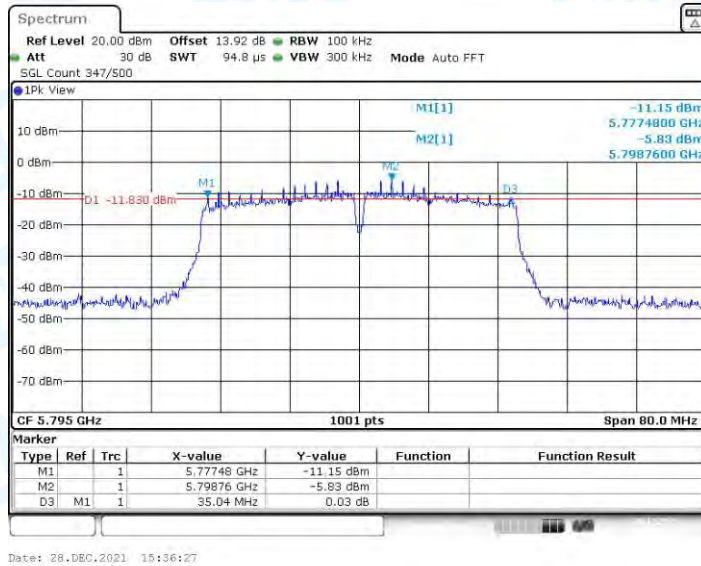
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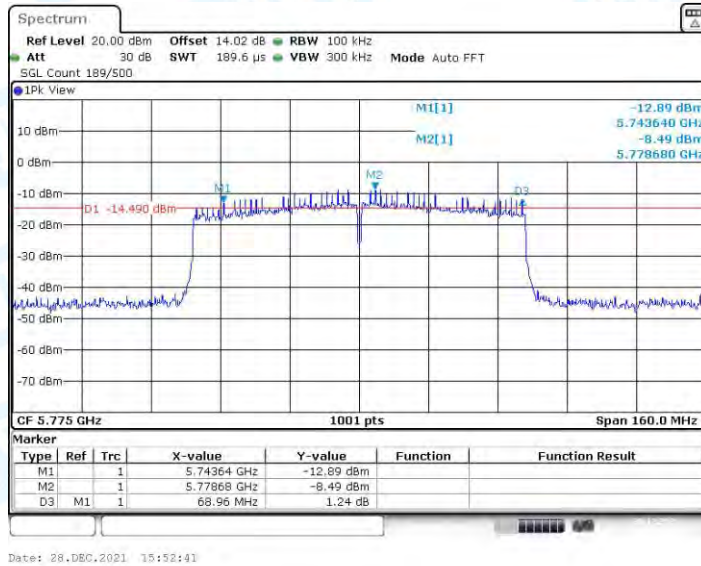
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	7.53	≤23.98	PASS
		5200	7.14	≤23.98	PASS
		5240	7.16	≤23.98	PASS
		5745	7.34	≤30	PASS
		5785	7.29	≤30	PASS
		5825	7.79	≤30	PASS
11N20SISO	Ant1	5180	7.78	≤23.98	PASS
		5200	7.93	≤23.98	PASS
		5240	7.50	≤23.98	PASS
		5745	7.13	≤30	PASS
		5785	7.09	≤30	PASS
		5825	7.72	≤30	PASS
11N40SISO	Ant1	5190	6.95	≤23.98	PASS
		5230	7.14	≤23.98	PASS
		5755	7.45	≤30	PASS
		5795	7.33	≤30	PASS
11AC20SISO	Ant1	5180	6.88	≤23.98	PASS
		5200	6.96	≤23.98	PASS
		5240	6.86	≤23.98	PASS
		5745	7.23	≤30	PASS
		5785	7.12	≤30	PASS
		5825	7.76	≤30	PASS
11AC40SISO	Ant1	5190	6.80	≤23.98	PASS
		5230	7.03	≤23.98	PASS
		5755	7.26	≤30	PASS
		5795	7.26	≤30	PASS
11AC80SISO	Ant1	5210	6.90	≤23.98	PASS
		5775	7.40	≤30	PASS

Note: The Duty Cycle Factor is compensated in the graph.

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.72	≤11	PASS
		5200	-3.38	≤11	PASS
		5240	-3.07	≤11	PASS
		5745	-5.85	≤30	PASS
		5785	-5.78	≤30	PASS
		5825	-5.02	≤30	PASS
11N20SISO	Ant1	5180	-2.99	≤11	PASS
		5200	-2.45	≤11	PASS
		5240	-2.88	≤11	PASS
		5745	-5.82	≤30	PASS
		5785	-6.13	≤30	PASS
		5825	-5.56	≤30	PASS
11N40SISO	Ant1	5190	-5.97	≤11	PASS
		5230	-6.02	≤11	PASS
		5755	-9.17	≤30	PASS
		5795	-9.13	≤30	PASS
11AC20SISO	Ant1	5180	-3.46	≤11	PASS
		5200	-3.35	≤11	PASS
		5240	-3.15	≤11	PASS
		5745	-6.44	≤30	PASS
		5785	-5.98	≤30	PASS
		5825	-5.65	≤30	PASS
11AC40SISO	Ant1	5190	-6.52	≤11	PASS
		5230	-6.21	≤11	PASS
		5755	-8.34	≤30	PASS
		5795	-8.88	≤30	PASS
11AC80SISO	Ant1	5210	-8.94	≤11	PASS
		5775	-12.02	≤30	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

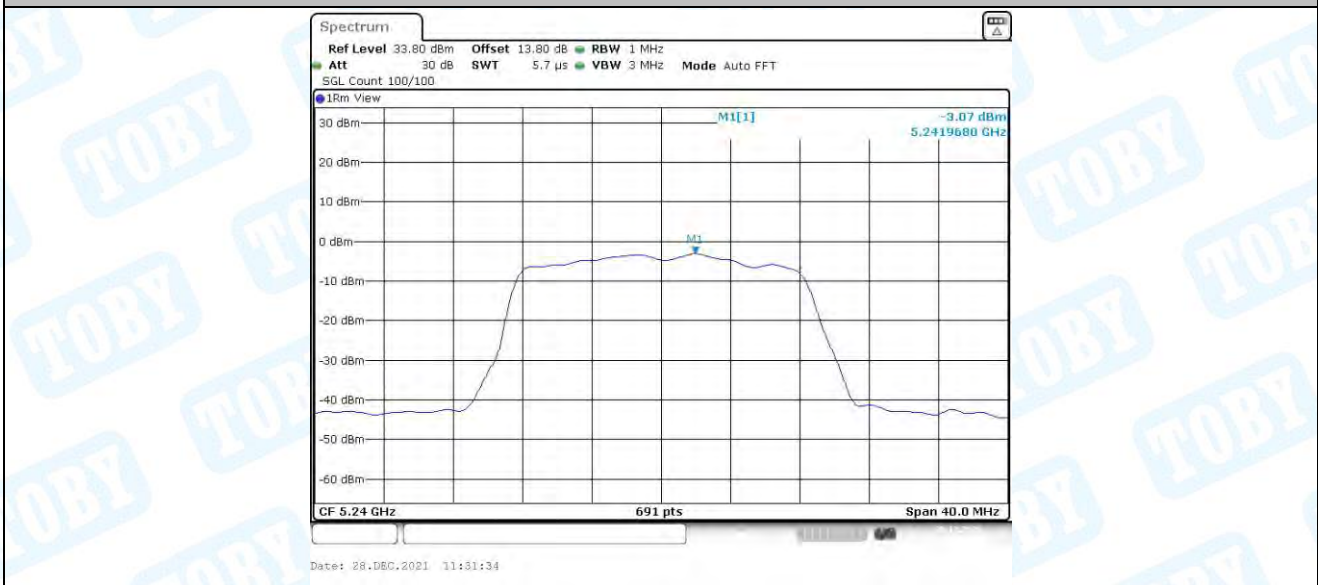
5.2. Test Graphs



11A_Ant1_5180



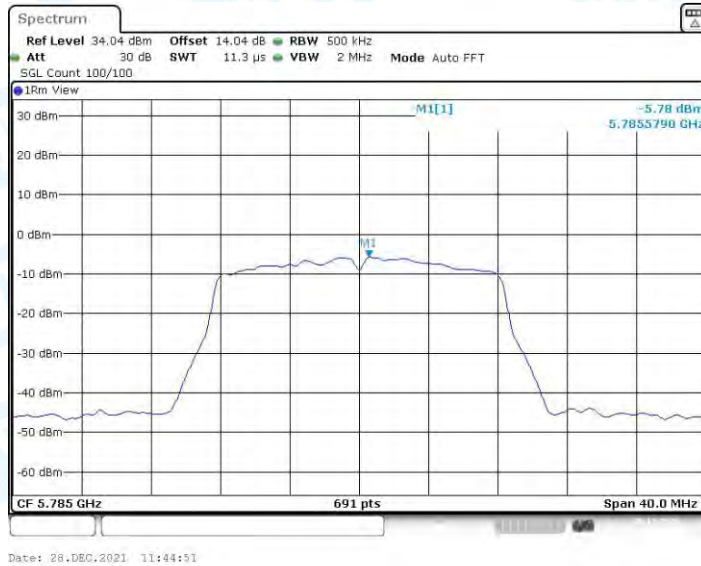
11A_Ant1_5200



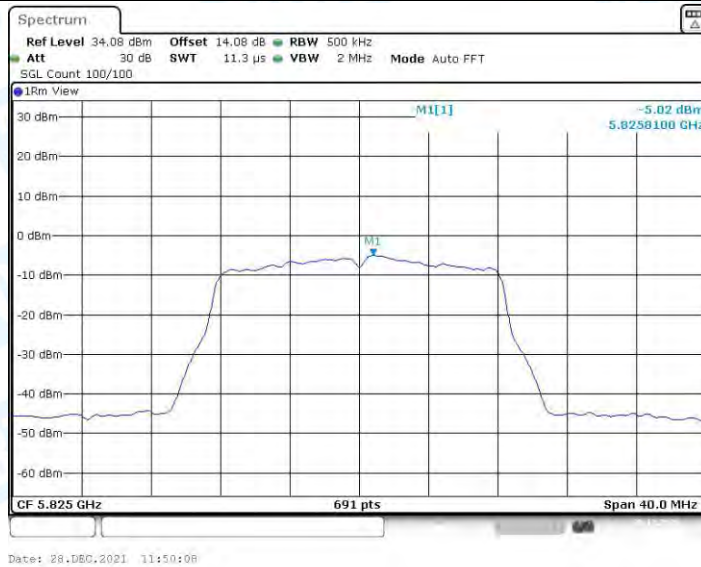
11A_Ant1_5240



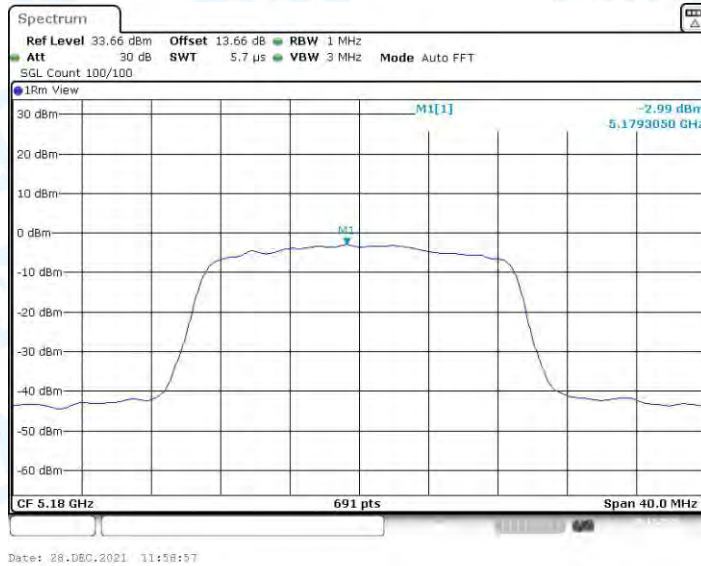
11A_Ant1_5745



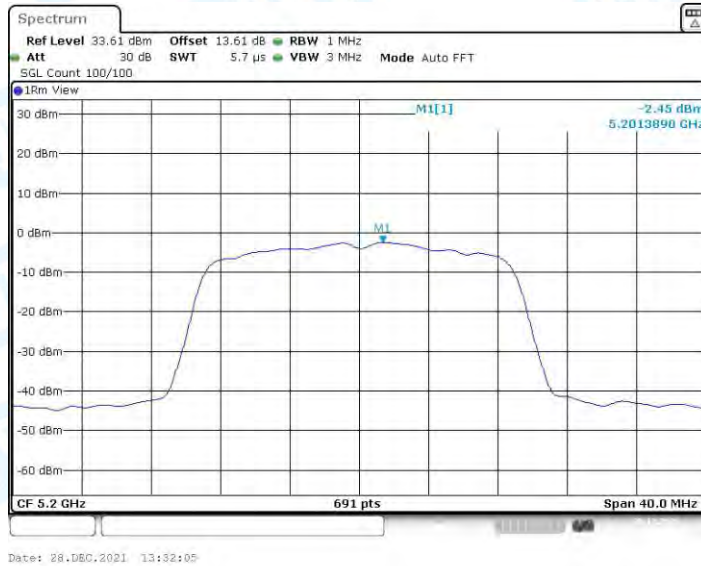
11A_Ant1_5785



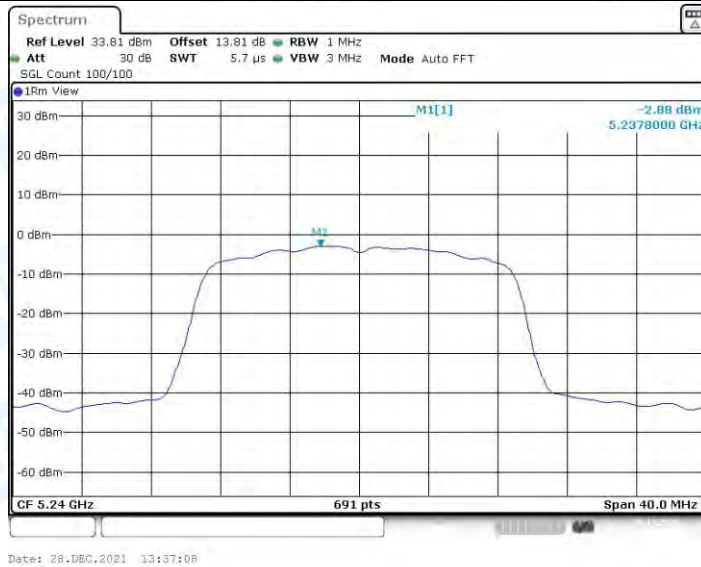
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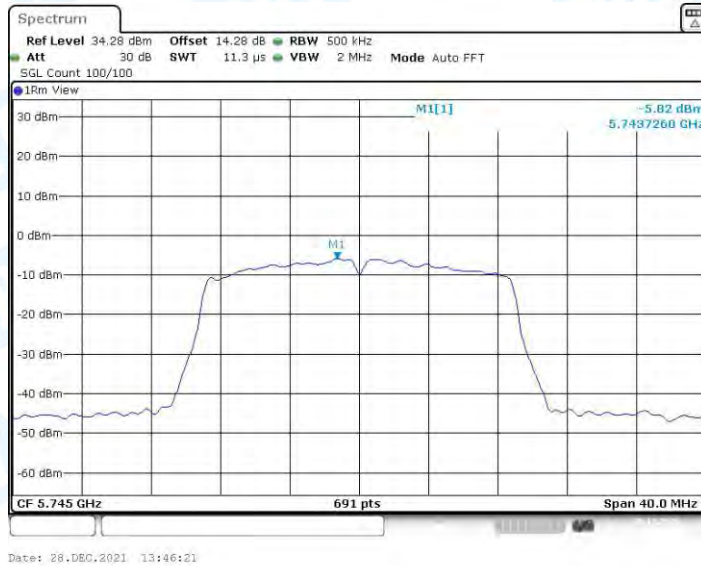
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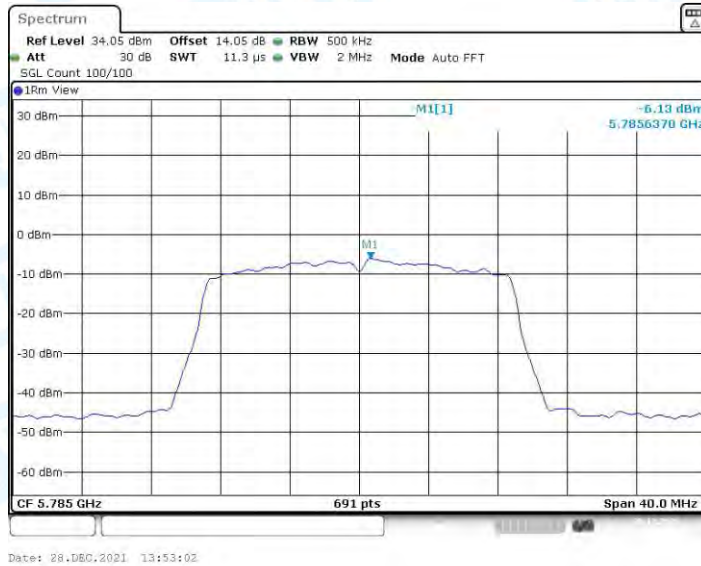
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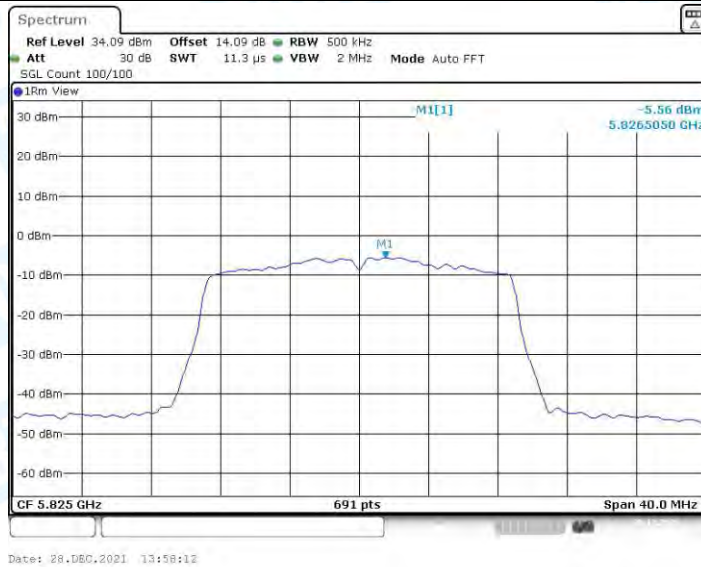
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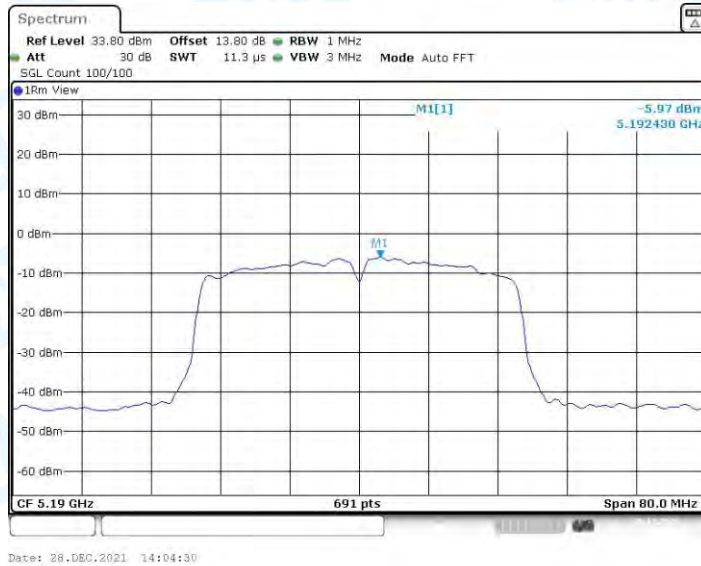
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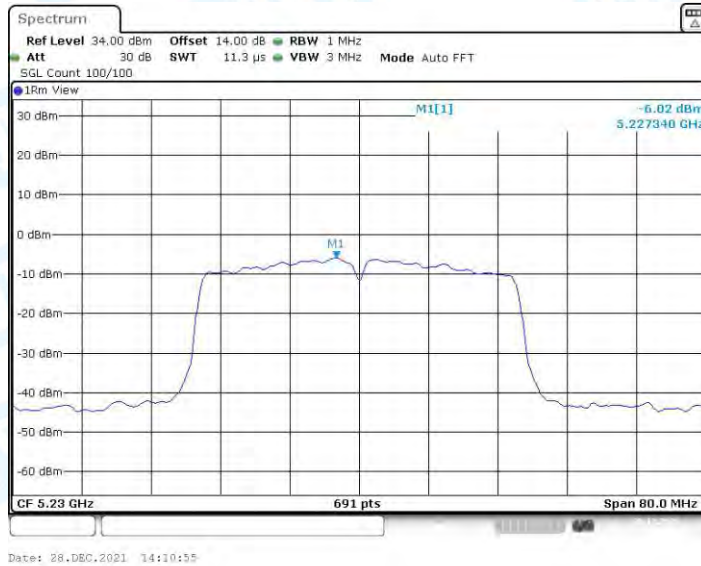
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



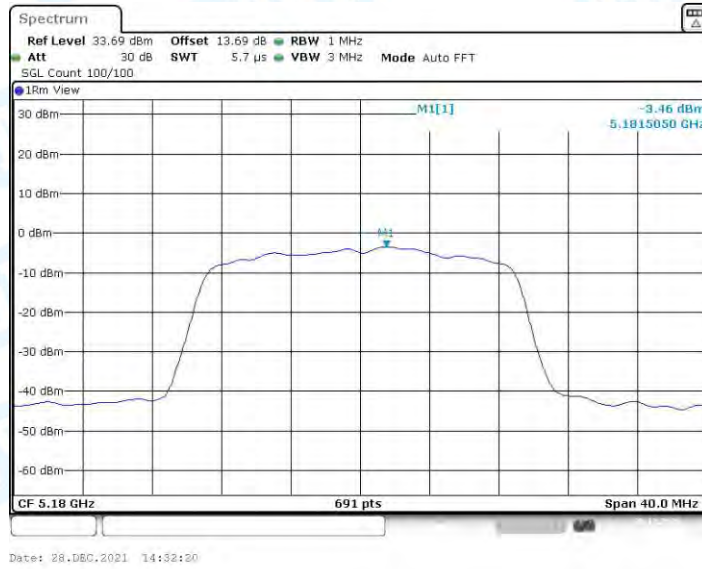
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11N40SISO_Ant1_5755



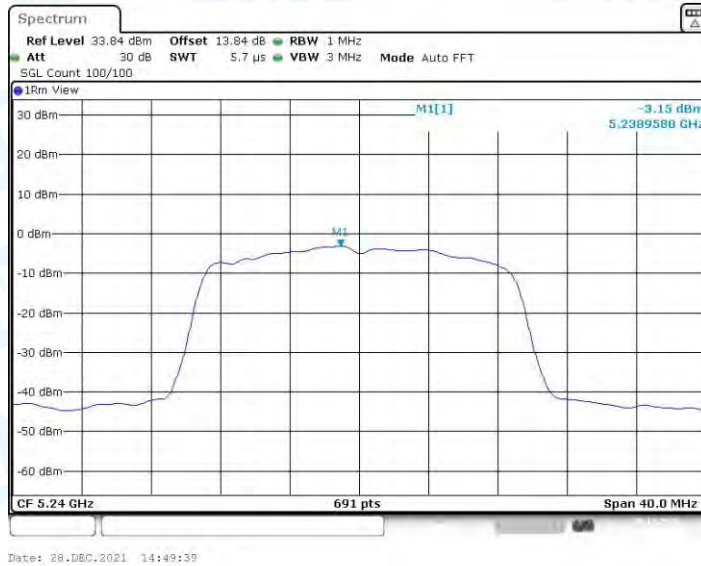
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11AC20SISO_Ant1_5180



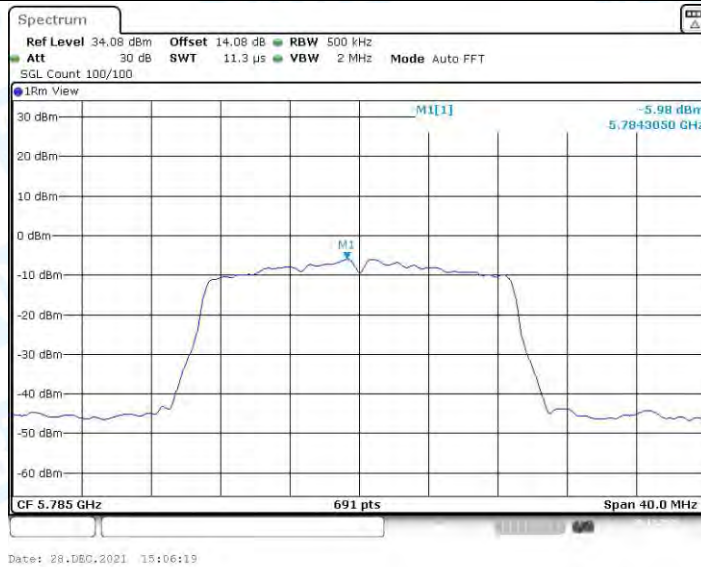
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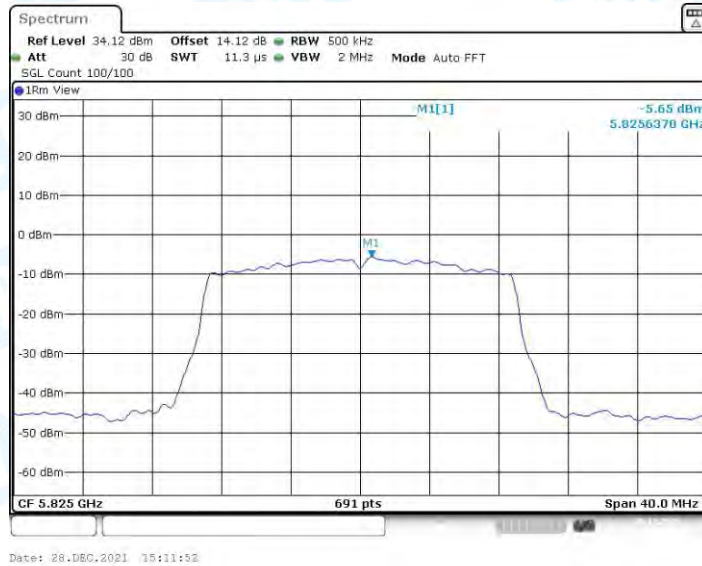
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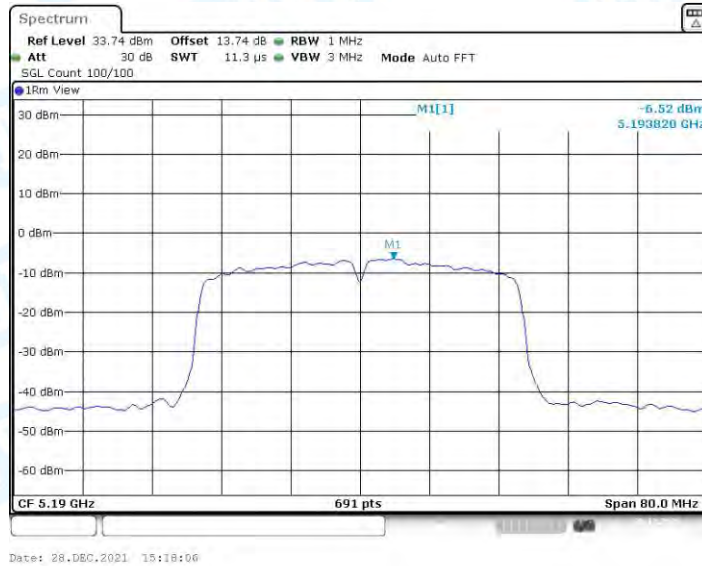
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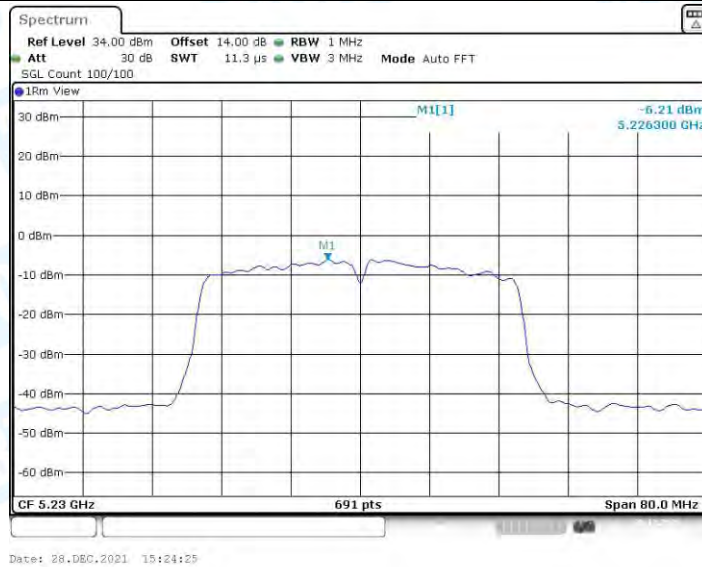
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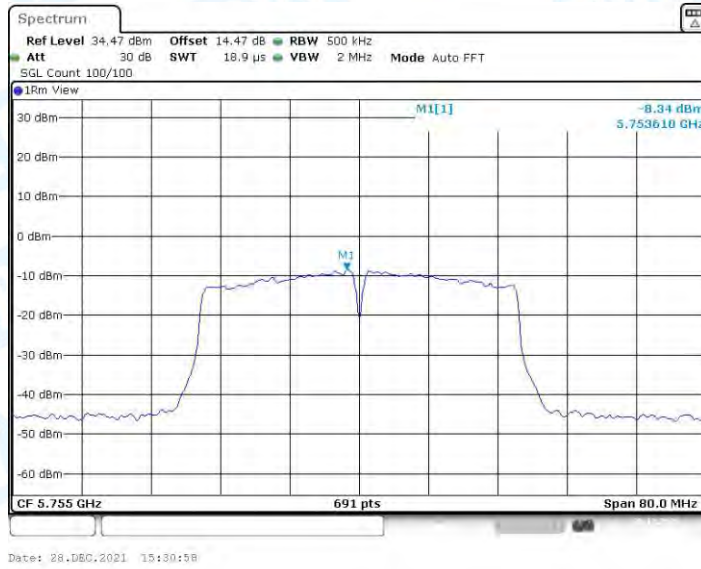
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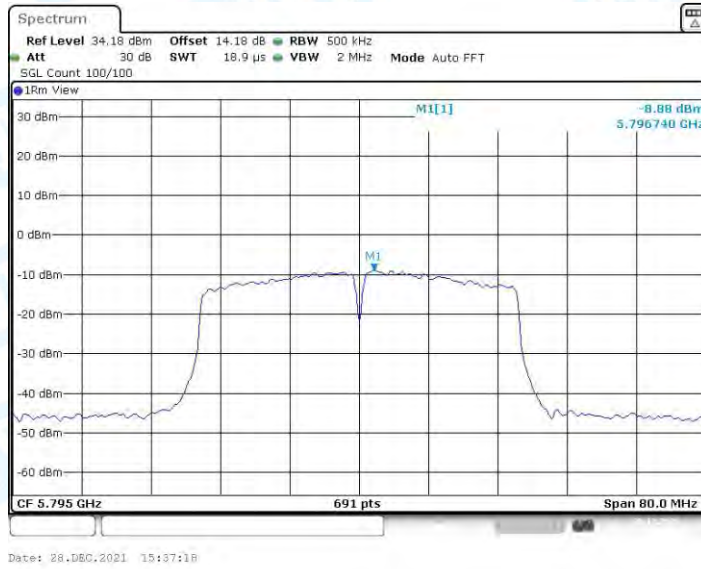
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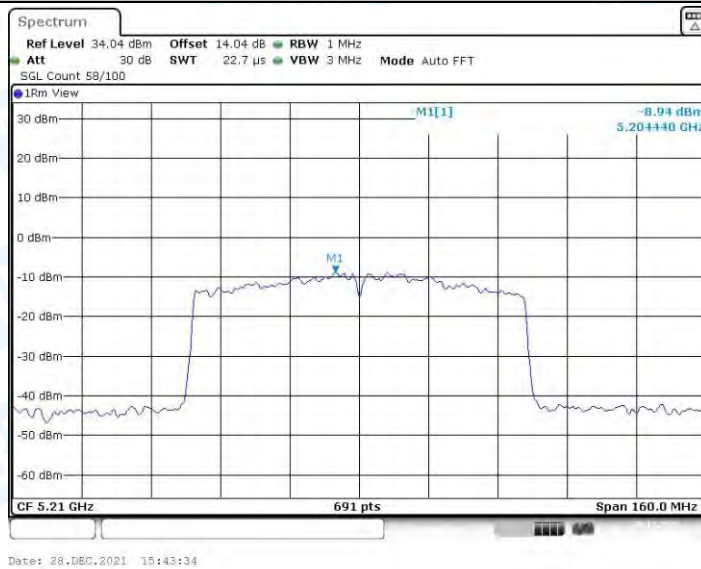
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

7. Emissions in Restricted Bands

7.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-55.3	≤-41.20	PASS
				AV	5032.609	-51.71	≤-41.20	PASS
				AV	5150.000	-52.91	≤-41.20	PASS
				Peak	4500.000	-44.43	≤-27.0	PASS
				Peak	5027.536	-40.94	≤-27.0	PASS
				Peak	5150.000	-42.32	≤-27.0	PASS
		High	5240	AV	5350.000	-53.06	≤-41.20	PASS
				AV	5448.174	-51.42	≤-41.20	PASS
				AV	5460.000	-53.06	≤-41.20	PASS
				Peak	5350.000	-43.65	≤-27.0	PASS
				Peak	5428.000	-40.68	≤-27.0	PASS
				Peak	5460.000	-44.21	≤-27.0	PASS
		Low	5745	Peak	5650.000	-42.85	≤-27.00	PASS
				Peak	5700.000	-43.9	≤10.00	PASS
				Peak	5720.000	-42.9	≤15.60	PASS
				Peak	5725.000	-41.26	≤27.00	PASS
		High	5825	Peak	5850.000	-42.03	≤15.60	PASS
				Peak	5855.000	-43.51	≤27.00	PASS
Peak	5875.000			-44.31	≤15.60	PASS		
Peak	5925.000			-44.56	≤10.00	PASS		
11N20SISO	Ant1	Low	5180	AV	4500.000	-55.22	≤-41.20	PASS
				AV	5036.667	-51.69	≤-41.20	PASS
				AV	5150.000	-52.89	≤-41.20	PASS
				Peak	4500.000	-42.76	≤-27.0	PASS
				Peak	5014.348	-40.87	≤-27.0	PASS
				Peak	5150.000	-42.42	≤-27.0	PASS
		High	5240	AV	5350.000	-52.54	≤-41.20	PASS
				AV	5448.174	-51.42	≤-41.20	PASS
				AV	5460.000	-53.24	≤-41.20	PASS
				Peak	5350.000	-44.53	≤-27.0	PASS
				Peak	5448.870	-40.51	≤-27.0	PASS
				Peak	5460.000	-43.93	≤-27.0	PASS
		Low	5745	Peak	5650.000	-43.36	≤-27.00	PASS
				Peak	5700.000	-43.7	≤10.00	PASS
				Peak	5720.000	-43.99	≤15.60	PASS
				Peak	5725.000	-42.46	≤27.00	PASS
		High	5825	Peak	5850.000	-40.77	≤15.60	PASS
				Peak	5855.000	-44.48	≤27.00	PASS
Peak	5875.000			-44.28	≤15.60	PASS		
Peak	5925.000			-44.77	≤10.00	PASS		

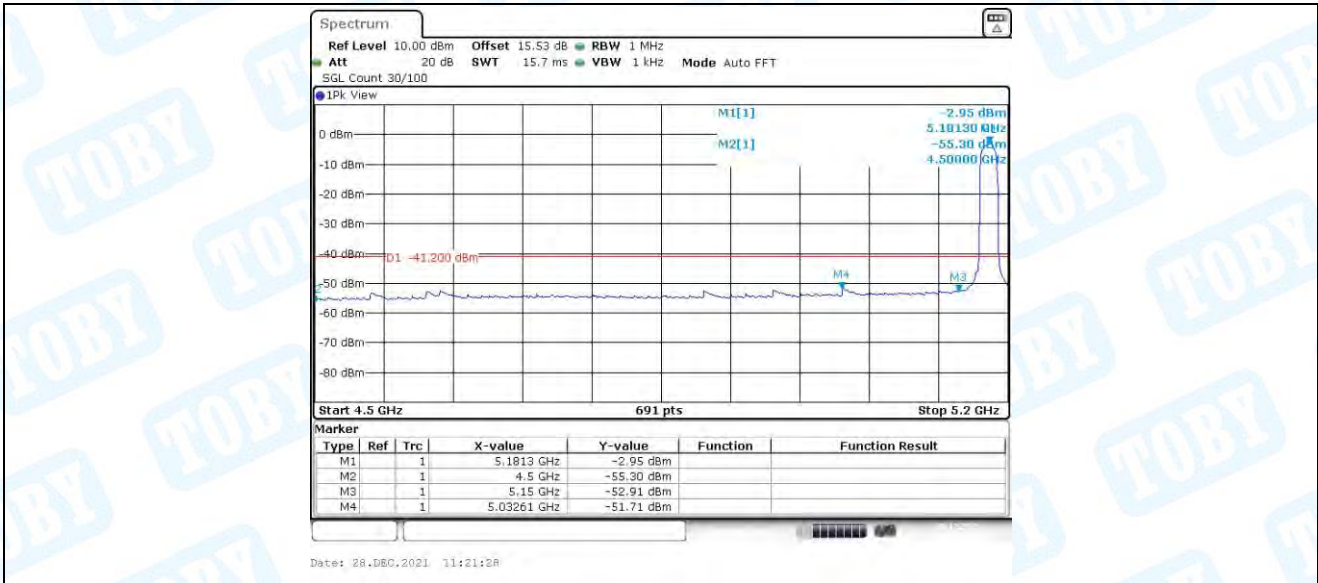
11N40SISO	Ant1	Low	5190	AV	4500.000	-55.02	≤-41.20	PASS
				AV	5032.609	-50.96	≤-41.20	PASS
				AV	5150.000	-52.7	≤-41.20	PASS
				Peak	4500.000	-46.14	≤-27.0	PASS
				Peak	4981.884	-41.01	≤-27.0	PASS
				Peak	5150.000	-43.26	≤-27.0	PASS
		High	5230	AV	5350.000	-53.19	≤-41.20	PASS
				AV	5449.826	-50.94	≤-41.20	PASS
				AV	5460.000	-52.8	≤-41.20	PASS
				Peak	5350.000	-43.5	≤-27.0	PASS
				Peak	5407.623	-40.64	≤-27.0	PASS
				Peak	5460.000	-42.31	≤-27.0	PASS
		Low	5755	Peak	5650.000	-43.95	≤-27.00	PASS
				Peak	5700.000	-41.76	≤10.00	PASS
				Peak	5720.000	-39.19	≤15.60	PASS
				Peak	5725.000	-40.14	≤27.00	PASS
		High	5795	Peak	5850.000	-44.68	≤15.60	PASS
				Peak	5855.000	-41.74	≤27.00	PASS
Peak	5875.000			-42.06	≤15.60	PASS		
Peak	5925.000			-45.13	≤10.00	PASS		
11AC20SIS O	Ant1	Low	5180	AV	4500.000	-55.36	≤-41.20	PASS
				AV	5032.609	-51.78	≤-41.20	PASS
				AV	5150.000	-52.79	≤-41.20	PASS
				Peak	4500.000	-44.94	≤-27.0	PASS
				Peak	5133.043	-41.01	≤-27.0	PASS
				Peak	5150.000	-42.59	≤-27.0	PASS
		High	5240	AV	5350.000	-53.05	≤-41.20	PASS
				AV	5446.435	-51.52	≤-41.20	PASS
				AV	5460.000	-53.02	≤-41.20	PASS
				Peak	5350.000	-44.45	≤-27.0	PASS
				Peak	5397.739	-41.78	≤-27.0	PASS
				Peak	5460.000	-44.76	≤-27.0	PASS
		Low	5745	Peak	5650.000	-41.77	≤-27.00	PASS
				Peak	5700.000	-43.25	≤10.00	PASS
				Peak	5720.000	-42.49	≤15.60	PASS
				Peak	5725.000	-39.69	≤27.00	PASS
		High	5825	Peak	5850.000	-44.15	≤15.60	PASS
				Peak	5855.000	-43.1	≤27.00	PASS
Peak	5875.000			-43.83	≤15.60	PASS		
Peak	5925.000			-43.4	≤10.00	PASS		
11AC40SIS O	Ant1	Low	5190	AV	4500.000	-54.86	≤-41.20	PASS
				AV	5034.638	-51.42	≤-41.20	PASS
				AV	5150.000	-52.43	≤-41.20	PASS
				Peak	4500.000	-45.33	≤-27.0	PASS
				Peak	5087.391	-41.12	≤-27.0	PASS
				Peak	5150.000	-43.52	≤-27.0	PASS

		High	5230	AV	5350.000	-53.24	≤-41.20	PASS		
				AV	5448.319	-51.07	≤-41.20	PASS		
				AV	5460.000	-53.05	≤-41.20	PASS		
				Peak	5350.000	-44.11	≤-27.0	PASS		
				Peak	5398.580	-40.95	≤-27.0	PASS		
				Peak	5460.000	-45.17	≤-27.0	PASS		
		Low	5755	Peak	5650.000	-44.52	≤-27.00	PASS		
				Peak	5700.000	-42.41	≤10.00	PASS		
				Peak	5720.000	-41.23	≤15.60	PASS		
				Peak	5725.000	-39.31	≤27.00	PASS		
		High	5795	Peak	5850.000	-44.3	≤15.60	PASS		
				Peak	5855.000	-43.46	≤27.00	PASS		
				Peak	5875.000	-41.03	≤15.60	PASS		
				Peak	5925.000	-44.34	≤10.00	PASS		
		11AC80SIS O	Ant1	Low	5210	AV	4500.000	-54.04	≤-41.20	PASS
						AV	5148.913	-50.85	≤-41.20	PASS
AV	5150.000					-50.98	≤-41.20	PASS		
Peak	4500.000					-44.69	≤-27.0	PASS		
Peak	5133.696					-40.88	≤-27.0	PASS		
Peak	5150.000					-41.27	≤-27.0	PASS		
High	5210			AV	5350.000	-51.92	≤-41.20	PASS		
				AV	5447.014	-50.76	≤-41.20	PASS		
				AV	5460.000	-52.2	≤-41.20	PASS		
				Peak	5350.000	-41.61	≤-27.0	PASS		
				Peak	5350.029	-41.61	≤-27.0	PASS		
				Peak	5460.000	-43.62	≤-27.0	PASS		
Low	5775			Peak	5650.000	-44.47	≤-27.00	PASS		
				Peak	5700.000	-42.3	≤10.00	PASS		
				Peak	5720.000	-39.22	≤15.60	PASS		
				Peak	5725.000	-38.05	≤27.00	PASS		
High	5775			Peak	5850.000	-42.83	≤15.60	PASS		
				Peak	5855.000	-44.07	≤27.00	PASS		
				Peak	5875.000	-43.73	≤15.60	PASS		
				Peak	5925.000	-44.53	≤10.00	PASS		

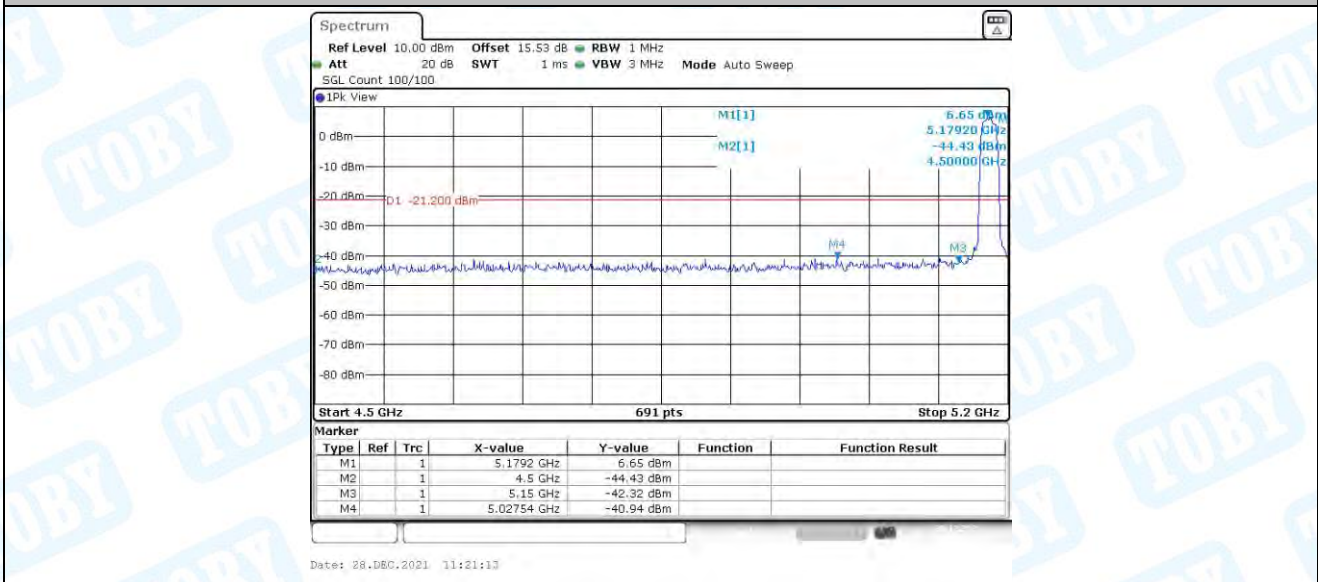
Note:

1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

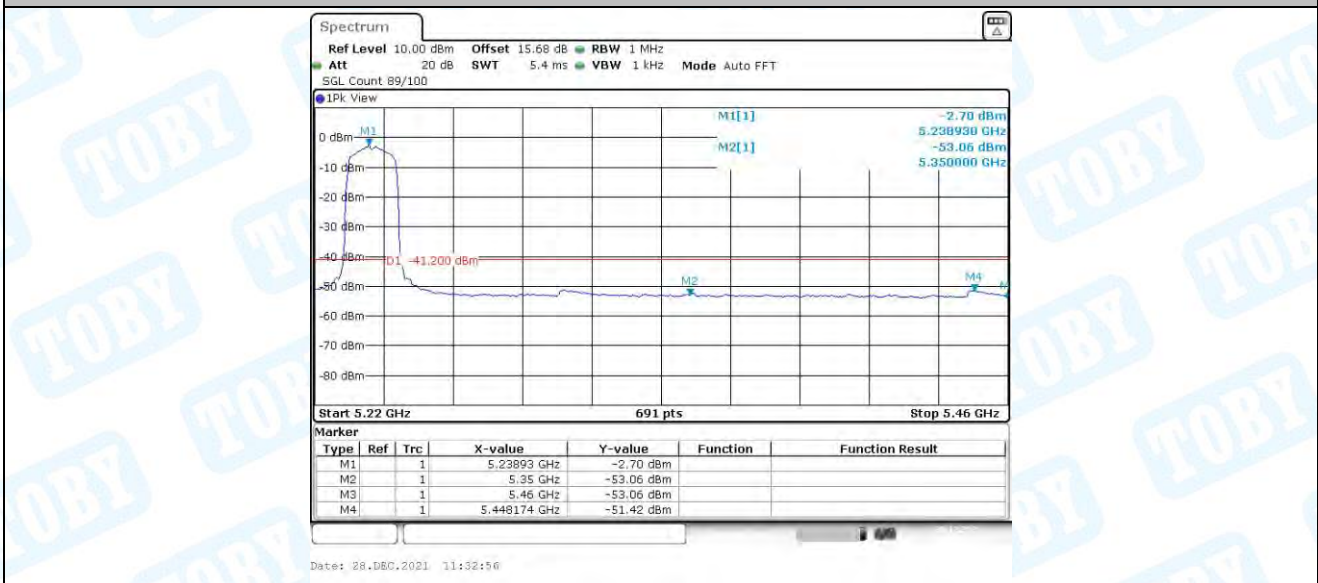
7.2. Test Graphs



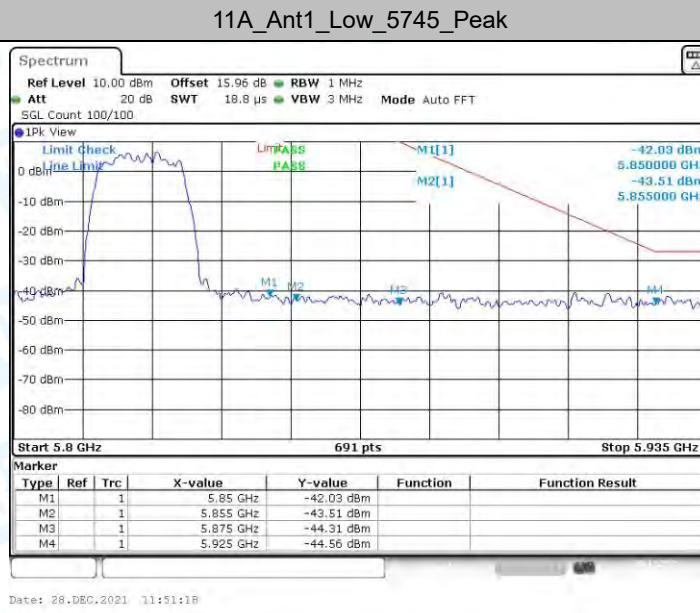
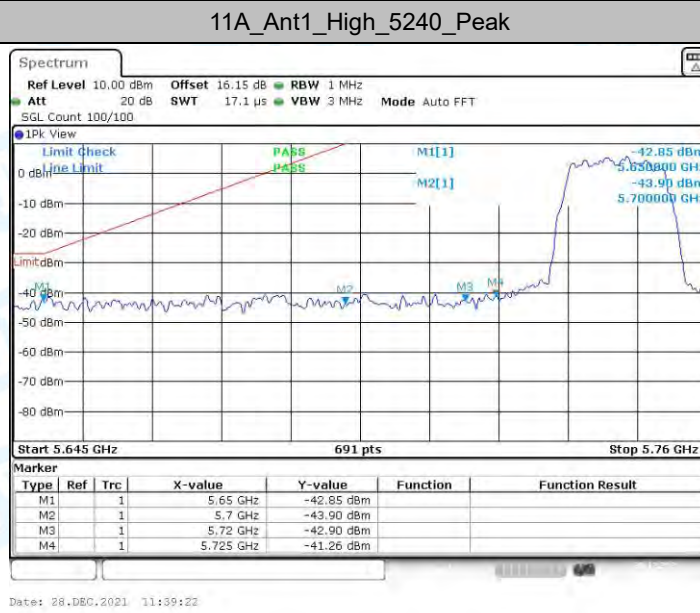
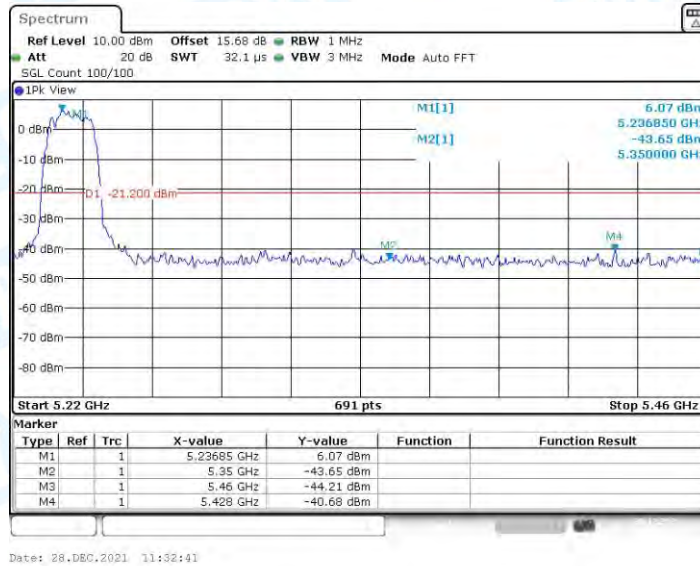
11A_Ant1_Low_5180_AV

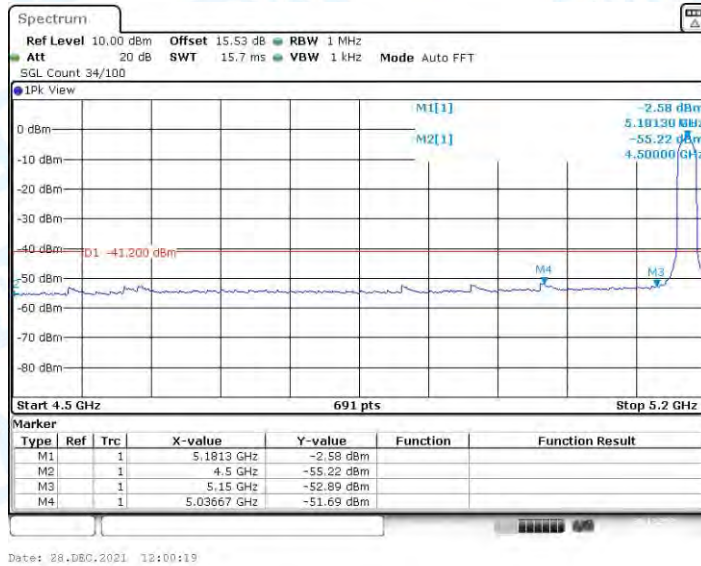


11A_Ant1_Low_5180_Peak

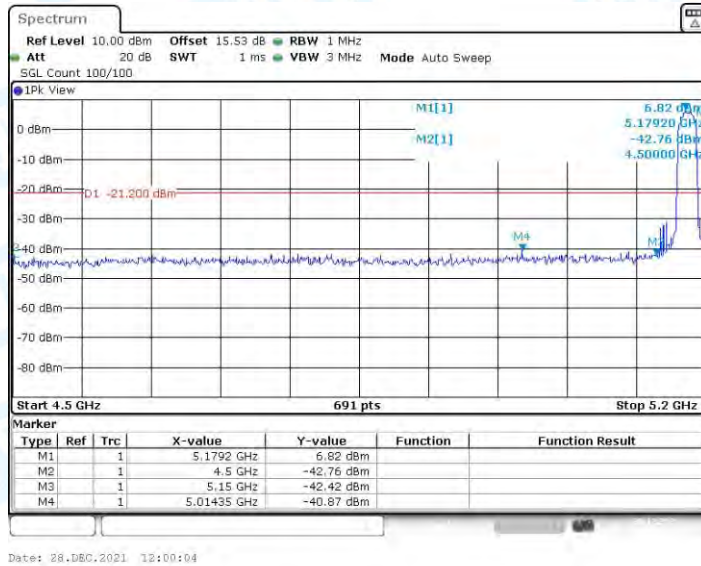


11A_Ant1_High_5240_AV

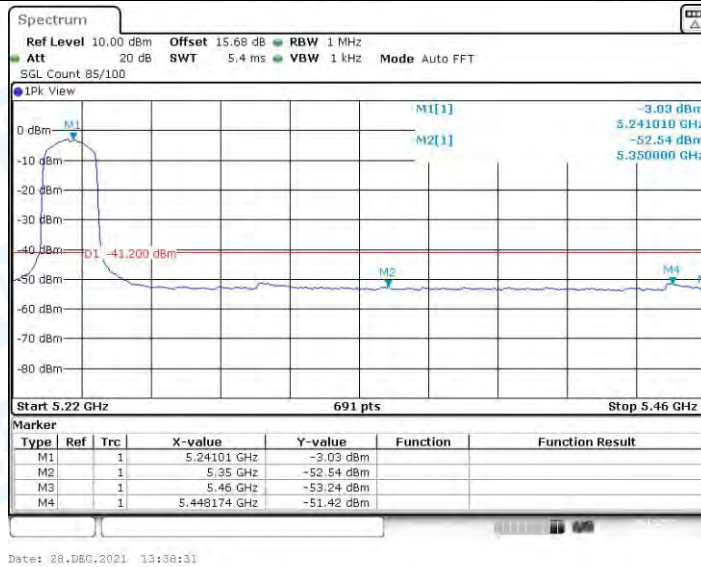




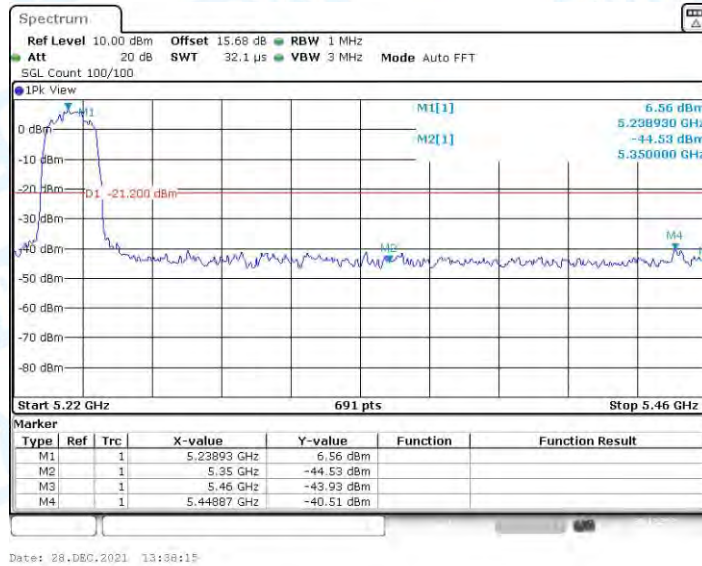
11N20SISO_Ant1_Low_5180_AV



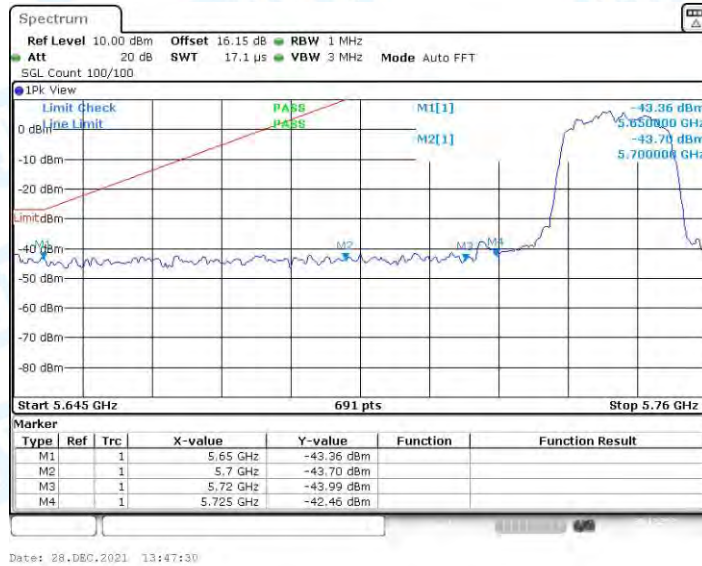
11N20SISO_Ant1_Low_5180_Peak



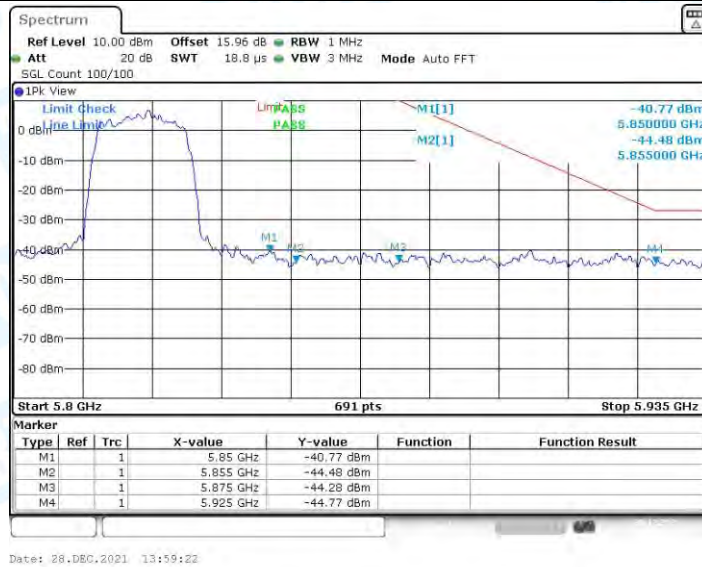
11N20SISO_Ant1_High_5240_AV



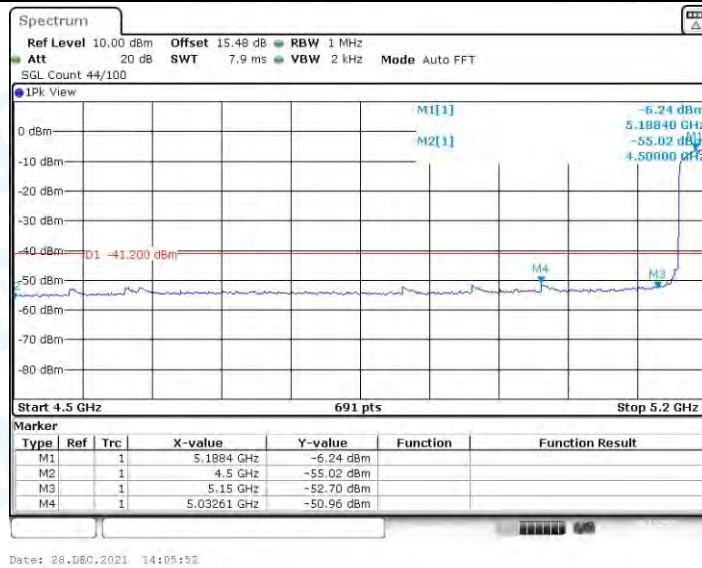
11N20SISO_Ant1_High_5240_Peak



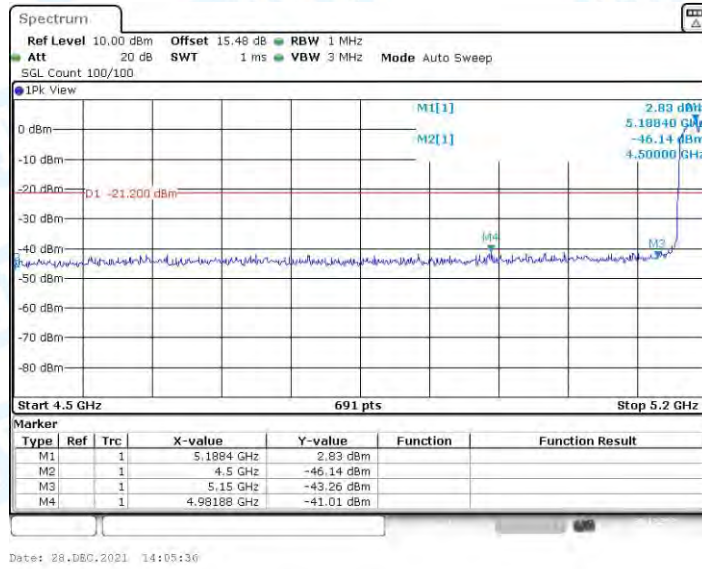
11N20SISO_Ant1_Low_5745_Peak



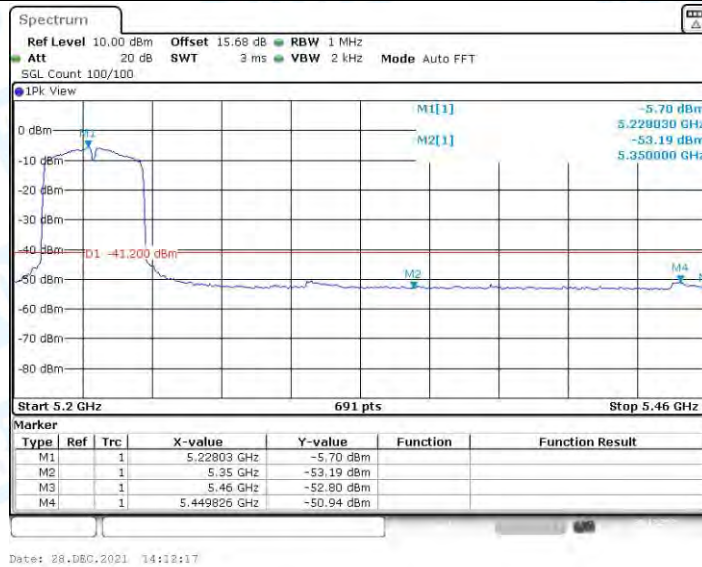
11N20SISO_Ant1_High_5825_Peak



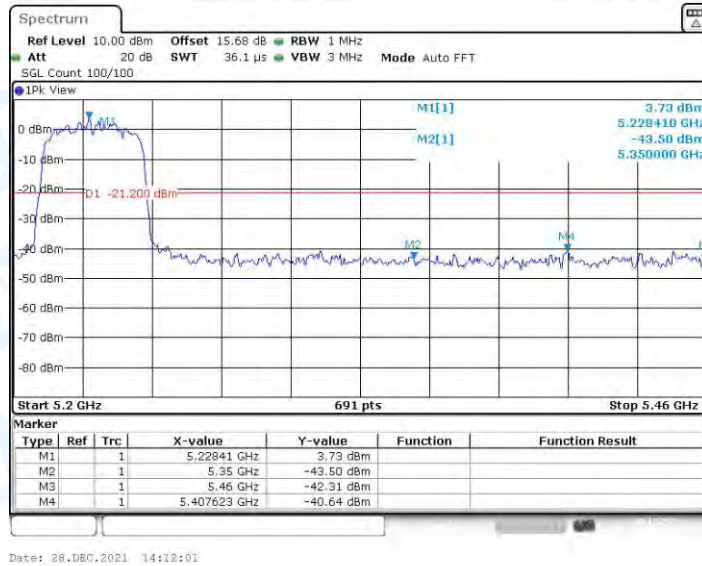
11N40SISO_Ant1_Low_5190_AV



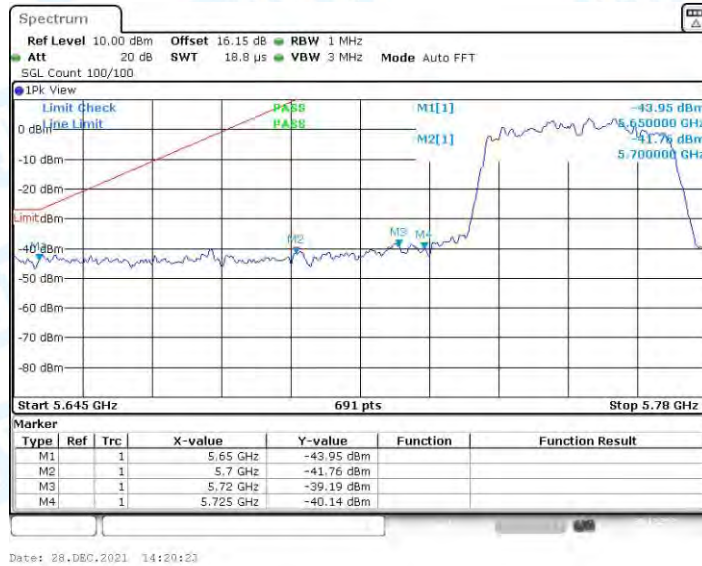
11N40SISO_Ant1_Low_5190_Peak



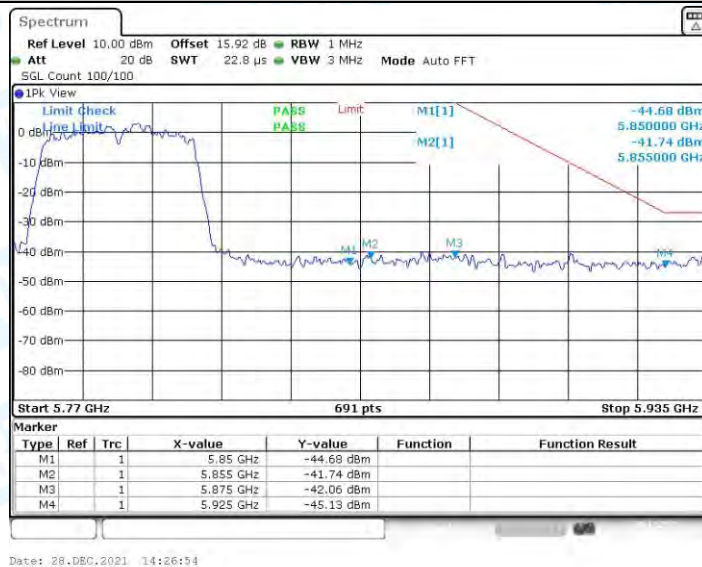
11N40SISO_Ant1_High_5230_AV



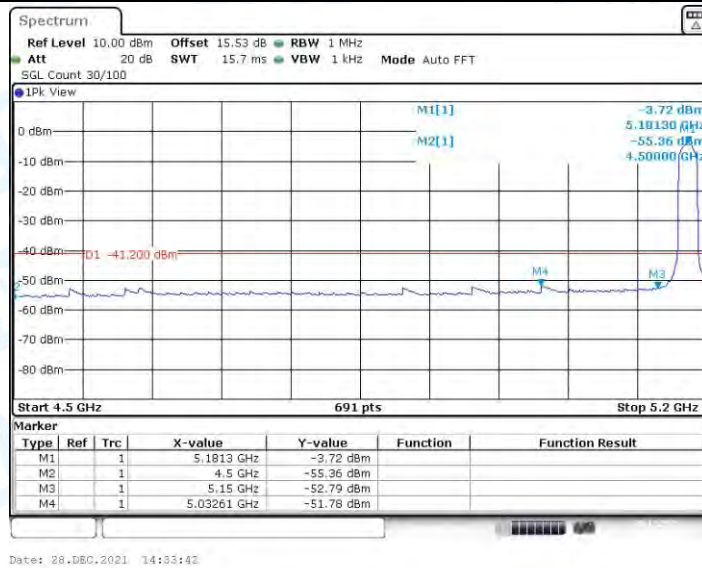
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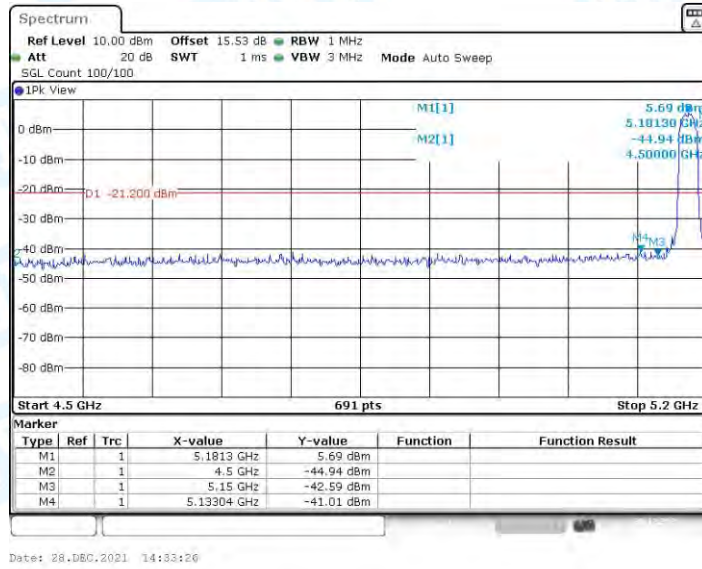
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



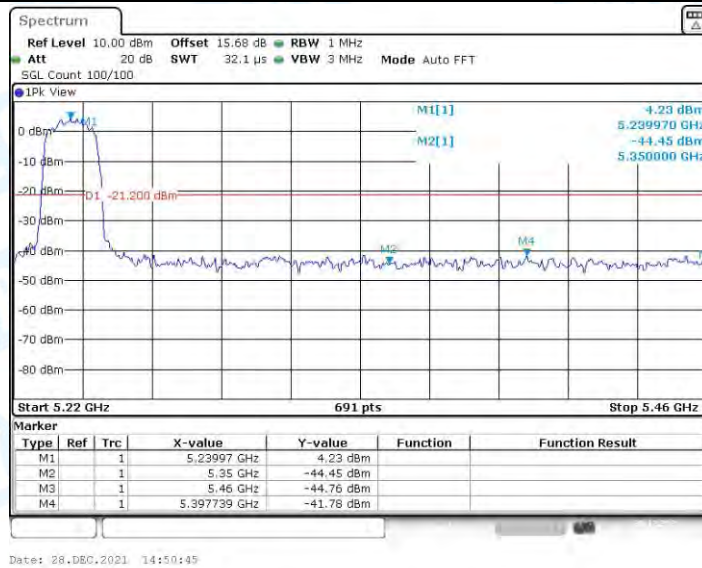
11AC20SISO_Ant1_Low_5180_AV



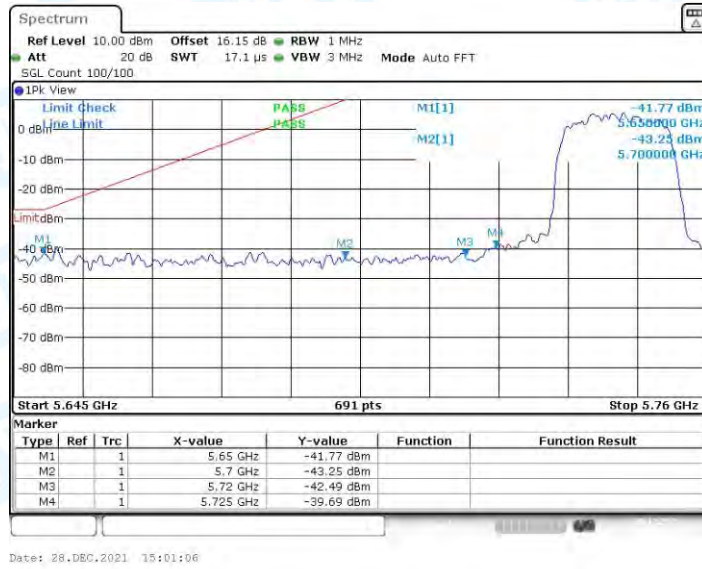
11AC20SISO_Ant1_Low_5180_Peak



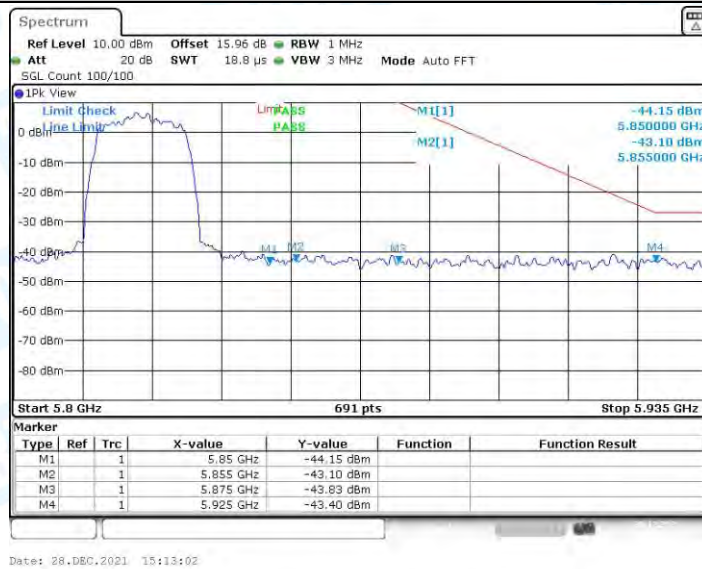
11AC20SISO_Ant1_High_5240_AV



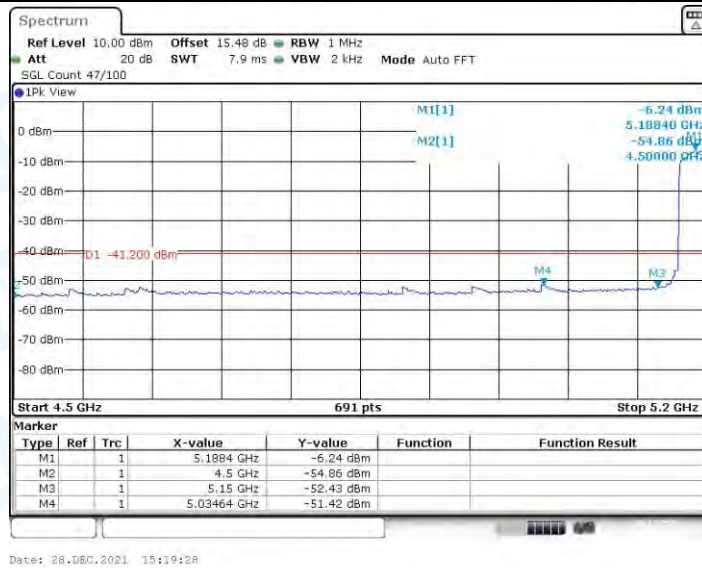
11AC20SISO_Ant1_High_5240_Peak



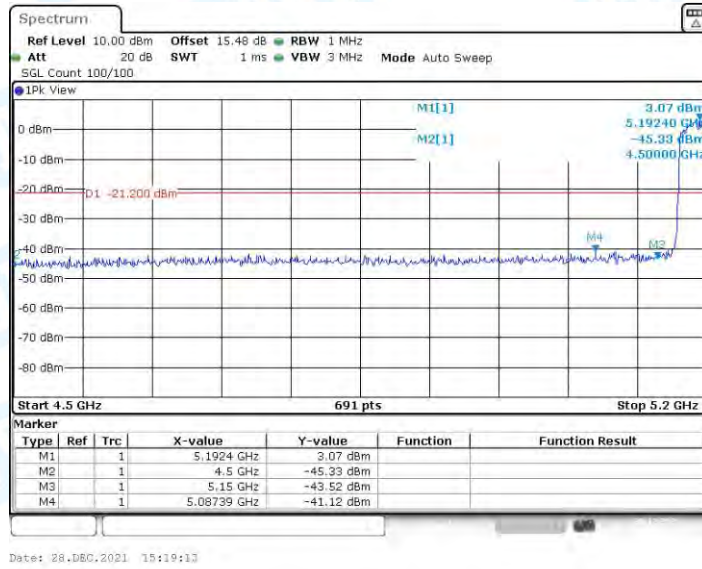
11AC20SISO_Ant1_Low_5745_Peak



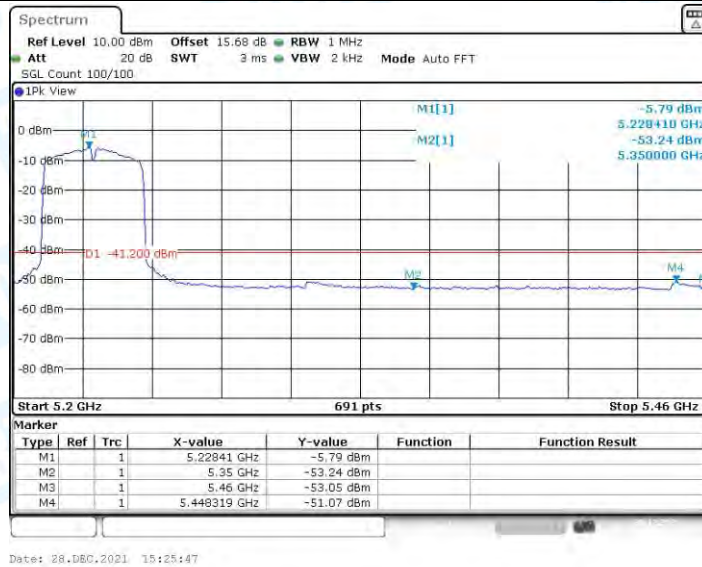
11AC20SISO_Ant1_High_5825_Peak



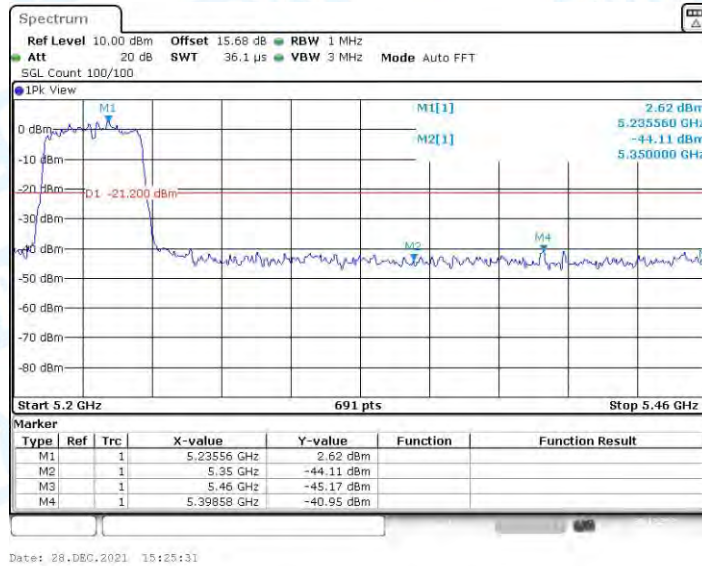
11AC40SISO_Ant1_Low_5190_AV



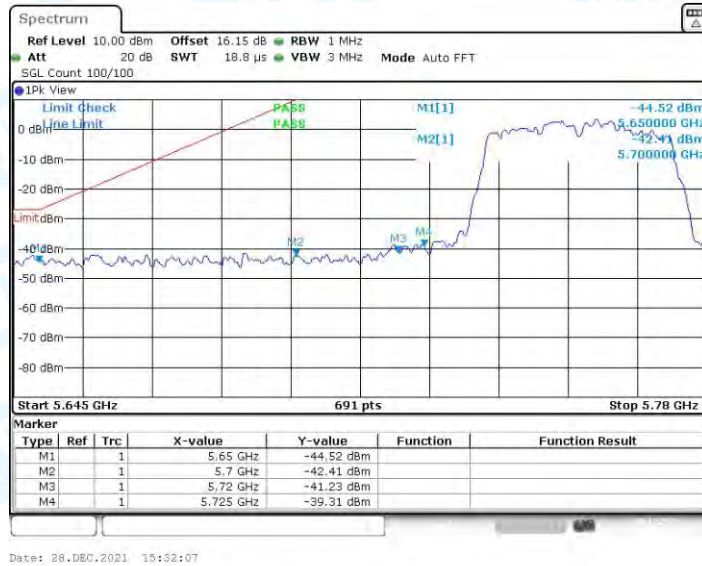
11AC40SISO_Ant1_Low_5190_Peak



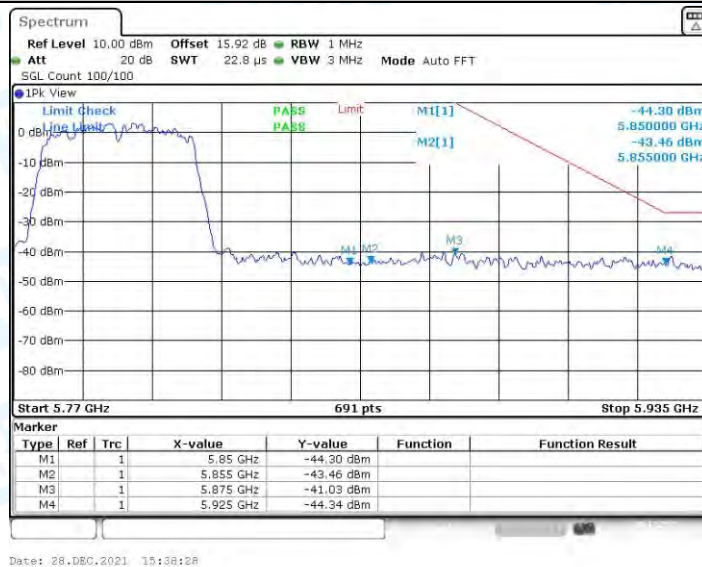
11AC40SISO_Ant1_High_5230_AV



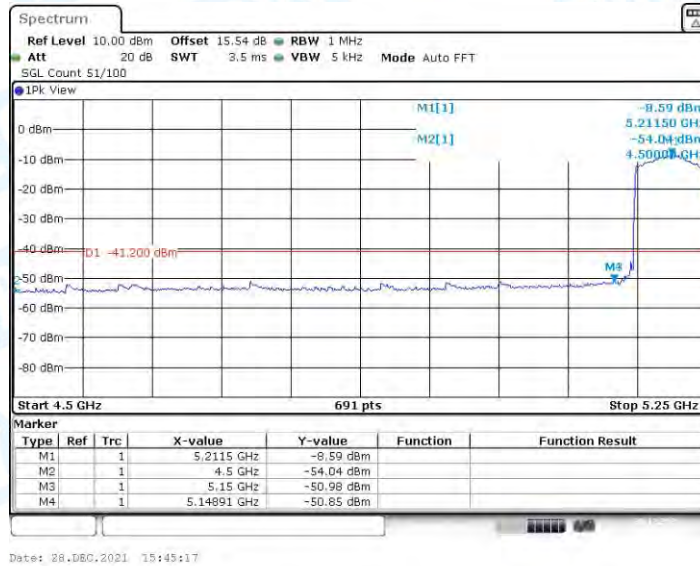
11AC40SISO_Ant1_High_5230_Peak



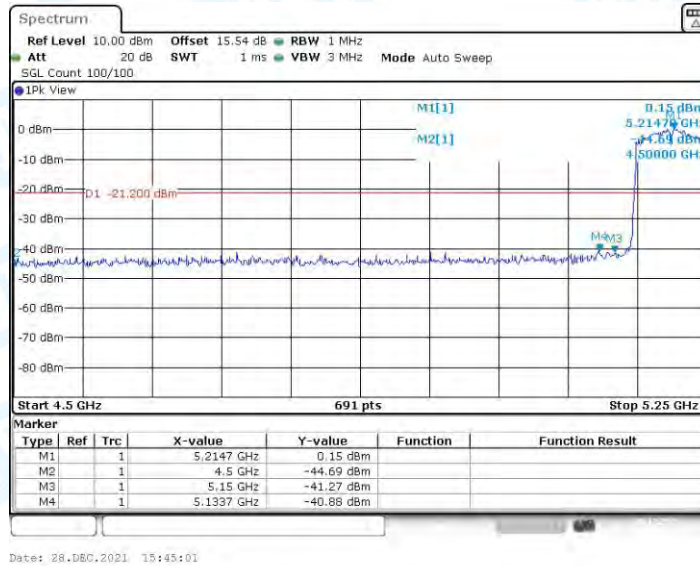
11AC40SISO_Ant1_Low_5755_Peak



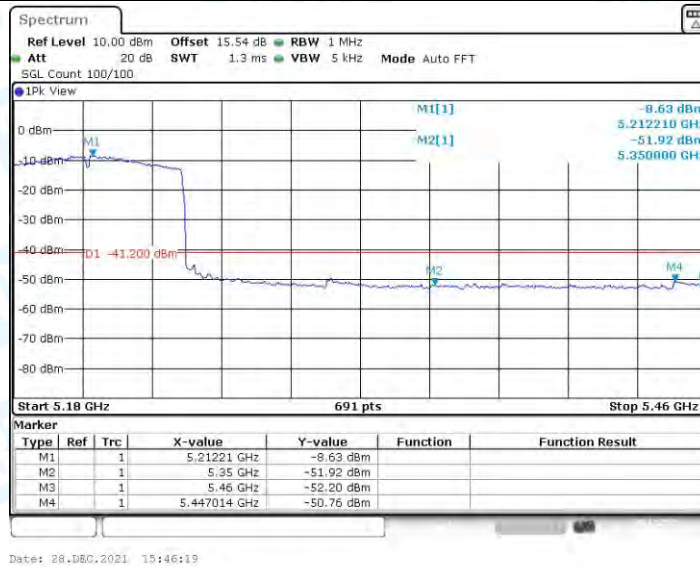
11AC40SISO_Ant1_High_5795_Peak



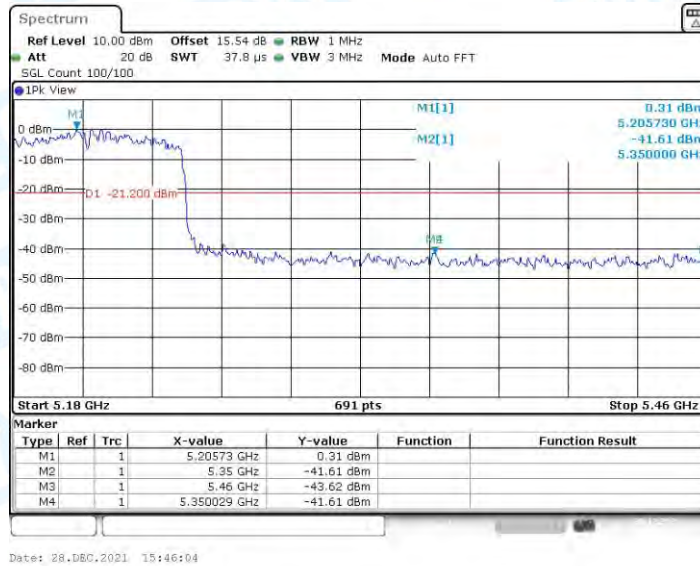
11AC80SISO_Ant1_Low_5210_AV



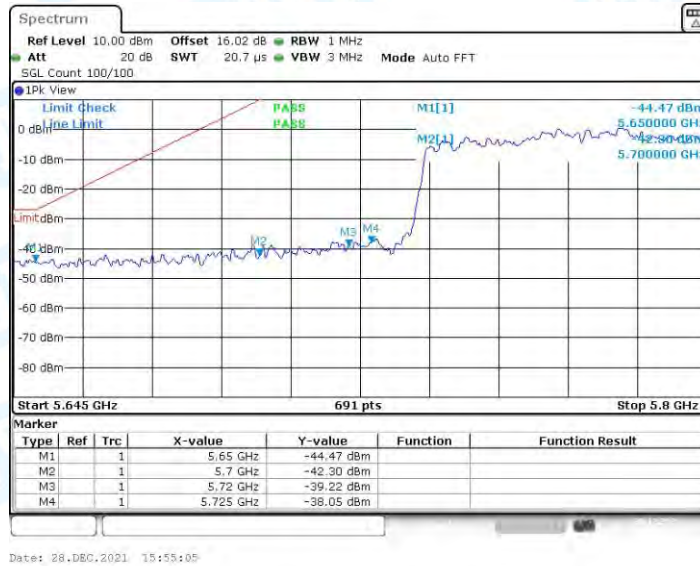
11AC80SISO_Ant1_Low_5210_Peak



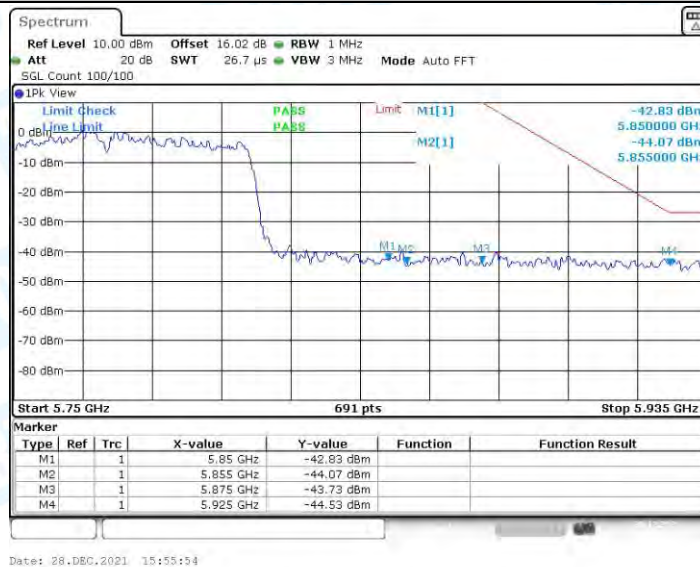
11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak

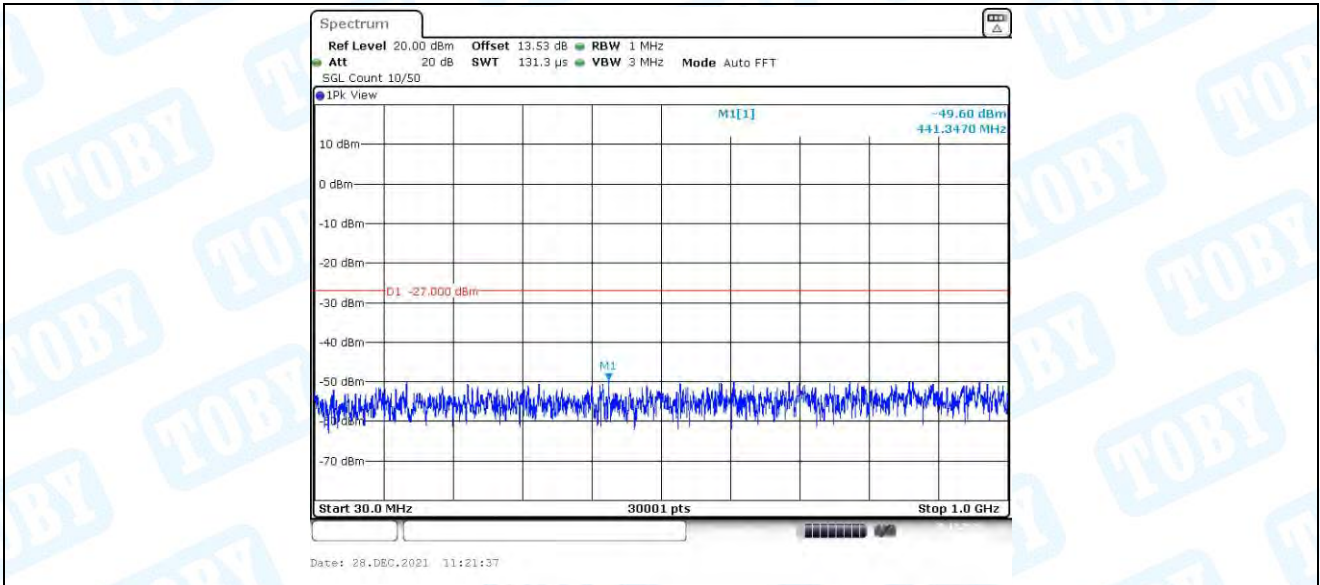
8. Conducted Spurious Emission

8.1. Test Result

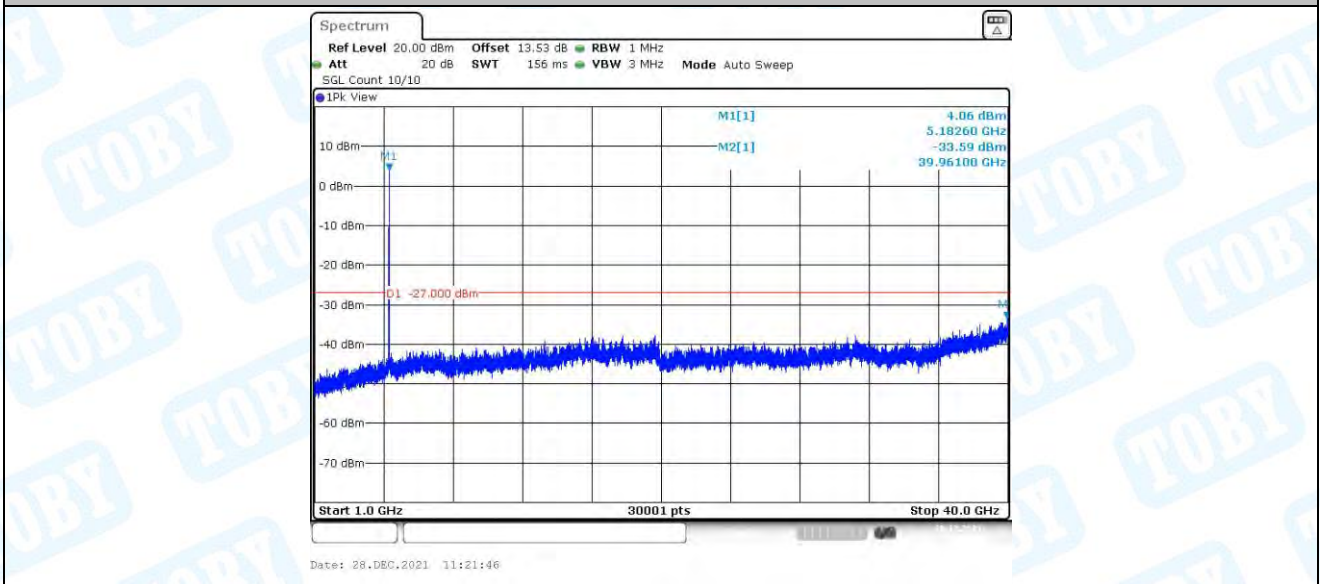
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict		
11A	Ant1	5180	30~1000	441.35	-49.6	≤-27	PASS		
			1000~40000	39961	-33.59	≤-27	PASS		
		5200	30~1000	712.49	-48.76	≤-27	PASS		
			1000~40000	39342.2	-34.5	≤-27	PASS		
		5240	30~1000	776.76	-48.6	≤-27	PASS		
			1000~40000	39064	-33.89	≤-27	PASS		
		5745	30~1000	117.38	-48.03	≤-27	PASS		
			1000~40000	39949.3	-33.44	≤-27	PASS		
		5785	30~1000	780.32	-48.35	≤-27	PASS		
			1000~40000	39994.8	-33.23	≤-27	PASS		
		5825	30~1000	707.57	-46.47	≤-27	PASS		
			1000~40000	39992.2	-33.1	≤-27	PASS		
		11N20SISO	Ant1	5180	30~1000	892.71	-48.18	≤-27	PASS
					1000~40000	39990.9	-34.04	≤-27	PASS
5200	30~1000			865.26	-48.44	≤-27	PASS		
	1000~40000			39979.2	-33.49	≤-27	PASS		
5240	30~1000			656.23	-49.35	≤-27	PASS		
	1000~40000			39989.6	-32.8	≤-27	PASS		
5745	30~1000			894.29	-48.3	≤-27	PASS		
	1000~40000			39724.4	-33.76	≤-27	PASS		
5785	30~1000			890.09	-46.73	≤-27	PASS		
	1000~40000			39979.2	-33.98	≤-27	PASS		
5825	30~1000			902.24	-47.97	≤-27	PASS		
	1000~40000			39927.2	-32.07	≤-27	PASS		
11N40SISO	Ant1			5190	30~1000	888.15	-48.05	≤-27	PASS
					1000~40000	39974	-33.71	≤-27	PASS
		5230	30~1000	512.12	-47.83	≤-27	PASS		
			1000~40000	39979.2	-34.6	≤-27	PASS		
		5755	30~1000	931.47	-47.39	≤-27	PASS		
			1000~40000	39533.3	-32.87	≤-27	PASS		
		5795	30~1000	879	-47.63	≤-27	PASS		
			1000~40000	39953.2	-33.69	≤-27	PASS		
		11AC20SISO	Ant1	5180	30~1000	566.09	-48.24	≤-27	PASS
					1000~40000	39346.1	-34.08	≤-27	PASS
5200	30~1000			893.35	-48.08	≤-27	PASS		
	1000~40000			39455.3	-34.21	≤-27	PASS		
5240	30~1000			891.74	-48.13	≤-27	PASS		
	1000~40000			39914.2	-34.29	≤-27	PASS		
5745	30~1000			902.37	-47.08	≤-27	PASS		
	1000~40000			39958.4	-33.82	≤-27	PASS		

		5785	30~1000	707.73	-48.96	≤-27	PASS
			1000~40000	39525.5	-33.28	≤-27	PASS
		5825	30~1000	964.22	-47.49	≤-27	PASS
			1000~40000	39294.1	-33.14	≤-27	PASS
11AC40SISO	Ant1	5190	30~1000	859.99	-46.45	≤-27	PASS
			1000~40000	39594.4	-34.33	≤-27	PASS
		5230	30~1000	681.93	-48.8	≤-27	PASS
			1000~40000	39993.5	-34.49	≤-27	PASS
		5755	30~1000	797.42	-48.37	≤-27	PASS
			1000~40000	39490.4	-34.35	≤-27	PASS
		5795	30~1000	848.8	-48.25	≤-27	PASS
			1000~40000	39542.4	-33.44	≤-27	PASS
11AC80SISO	Ant1	5210	30~1000	958.76	-47.76	≤-27	PASS
			1000~40000	39400.7	-33.82	≤-27	PASS
		5775	30~1000	958.5	-48.69	≤-27	PASS
			1000~40000	39948	-33.89	≤-27	PASS

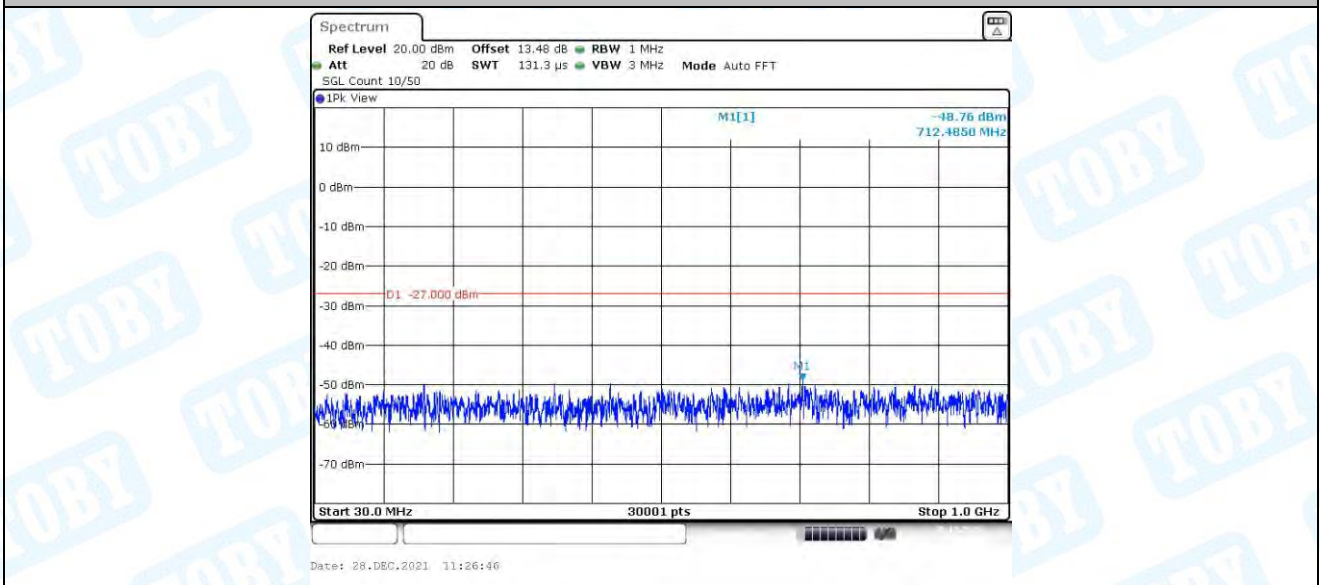
8.2. Test Graphs



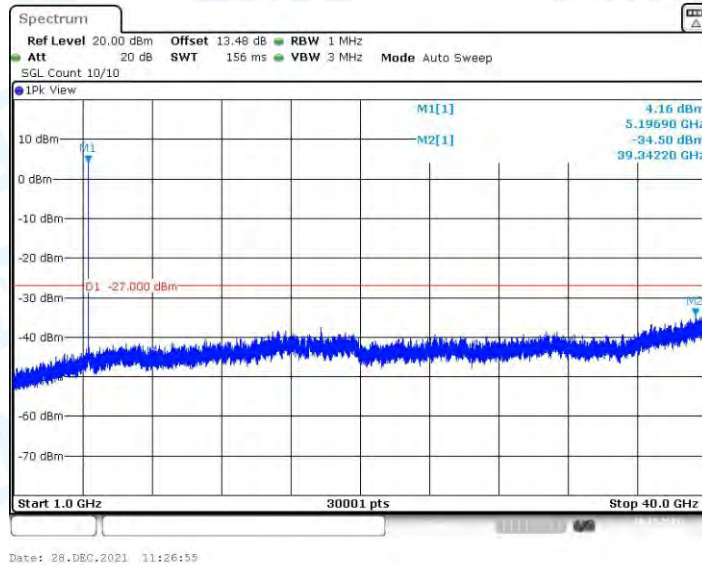
11A_Ant1_5180_30~1000



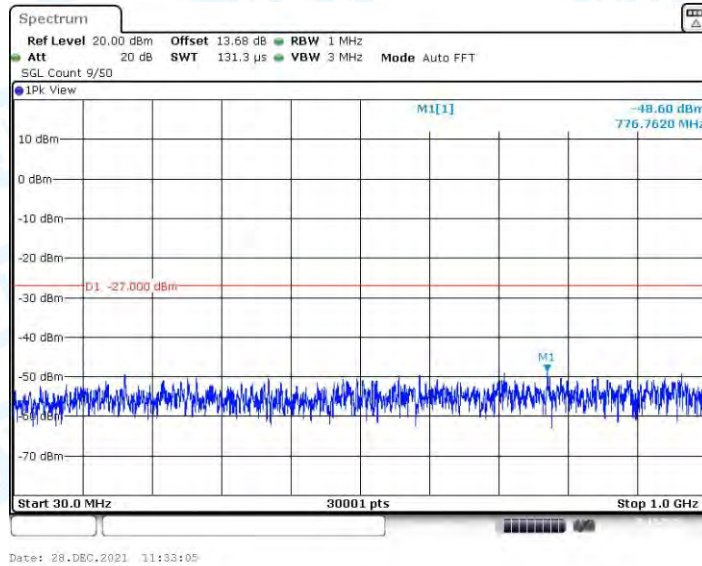
11A_Ant1_5180_1000~40000



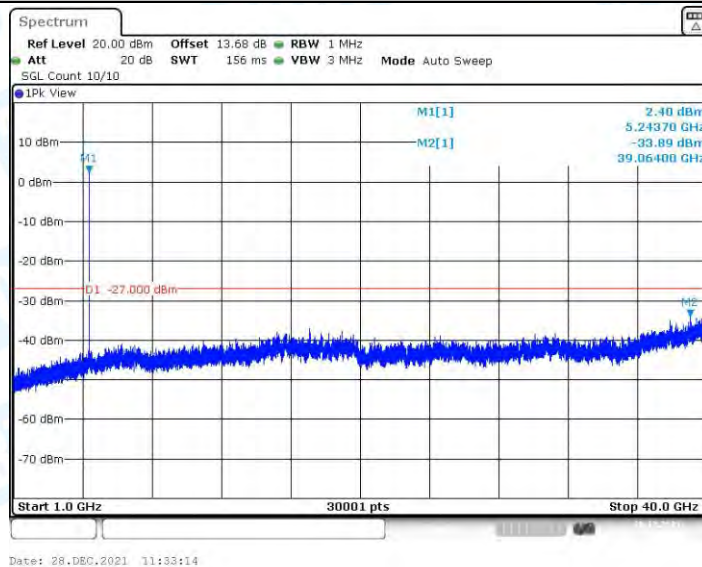
11A_Ant1_5200_30~1000



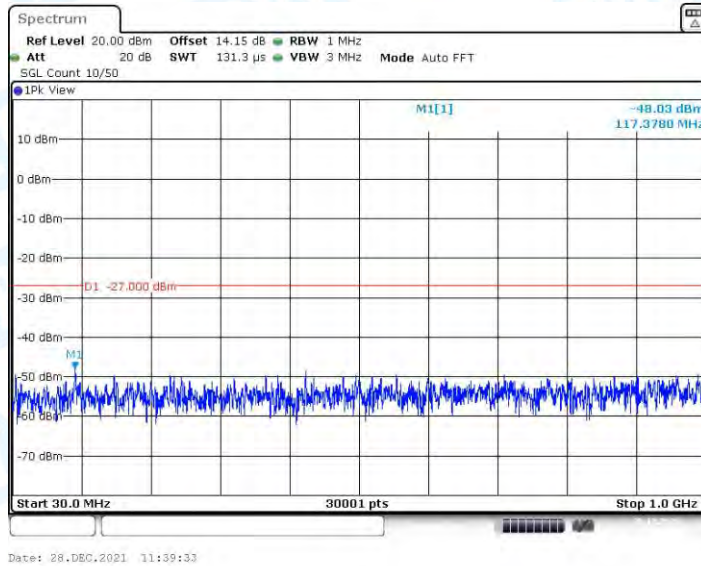
11A_Ant1_5200_1000~40000



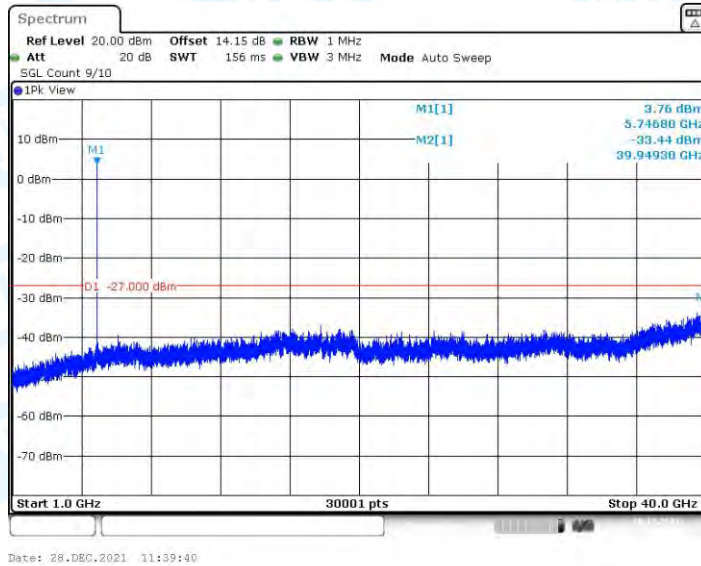
11A_Ant1_5240_30~1000



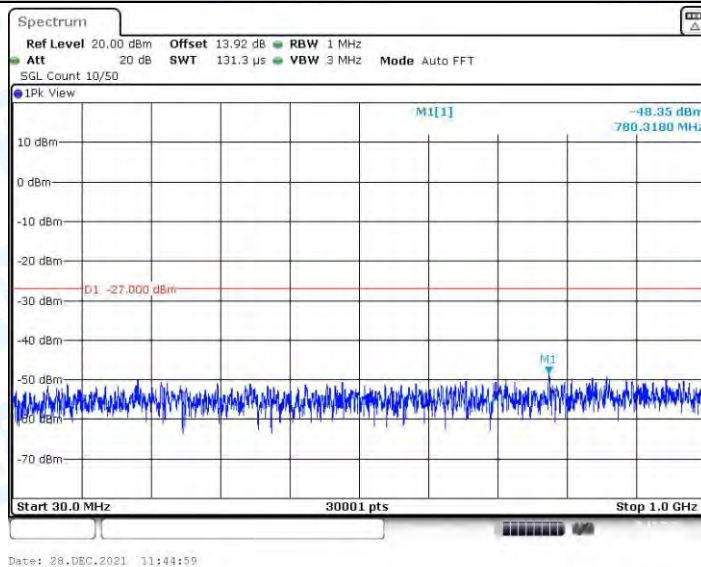
11A_Ant1_5240_1000~40000



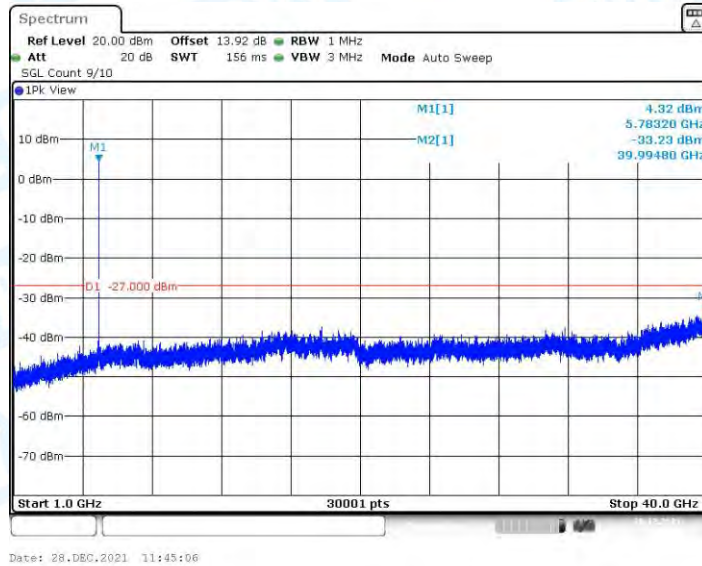
11A_Ant1_5745_30~1000



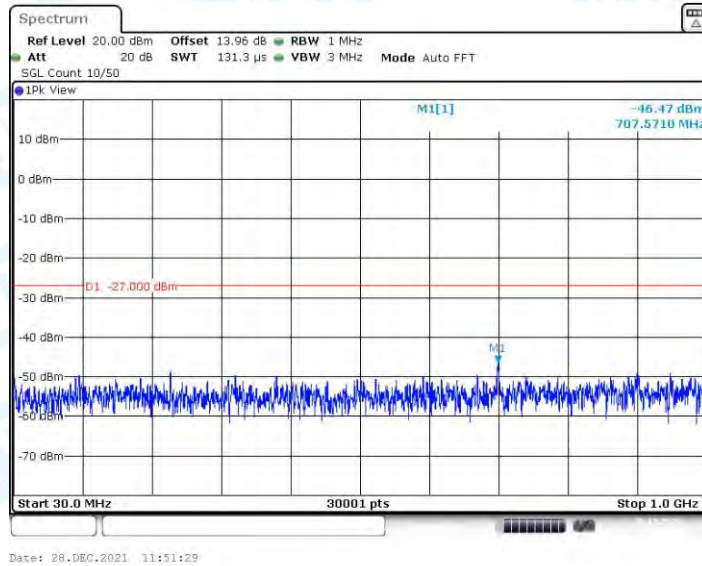
11A_Ant1_5745_1000~4000



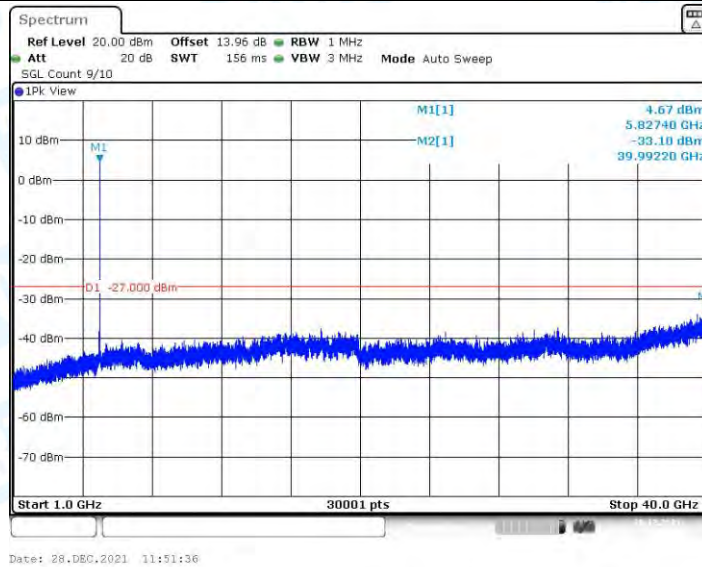
11A_Ant1_5785_30~1000



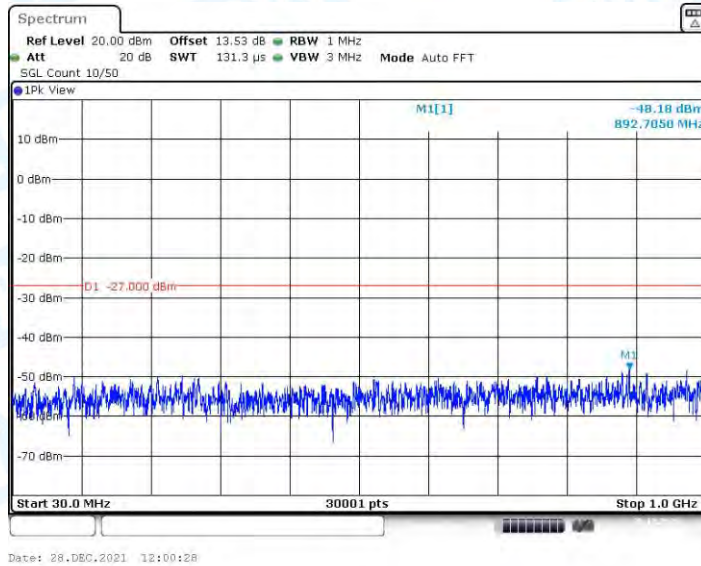
11A_Ant1_5785_1000~40000



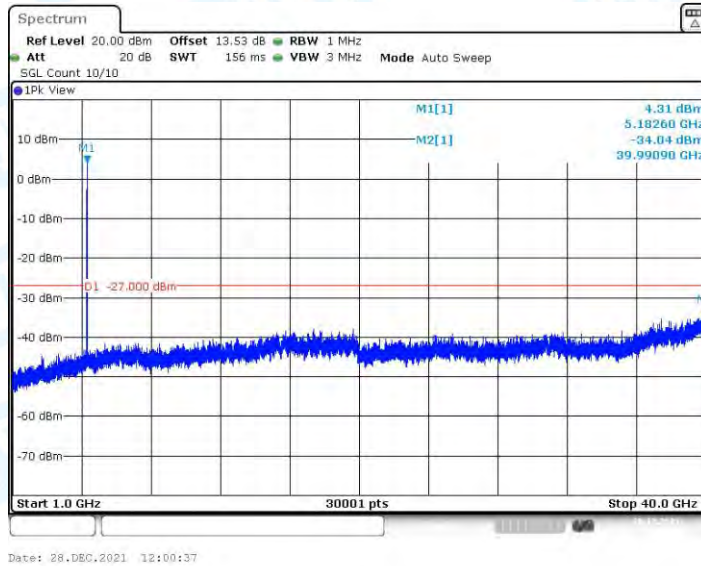
11A_Ant1_5825_30~1000



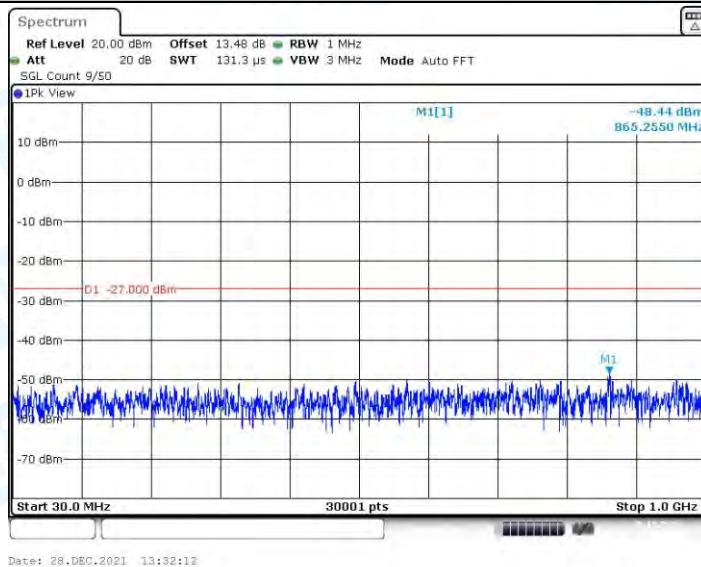
11A_Ant1_5825_1000~40000



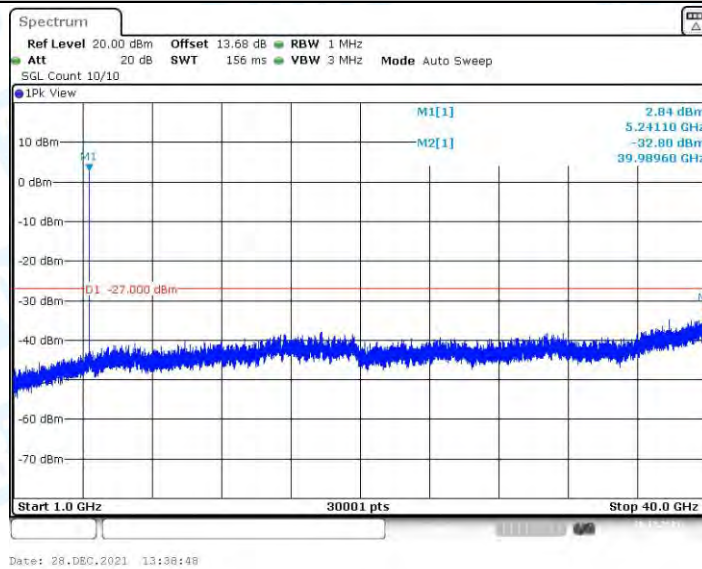
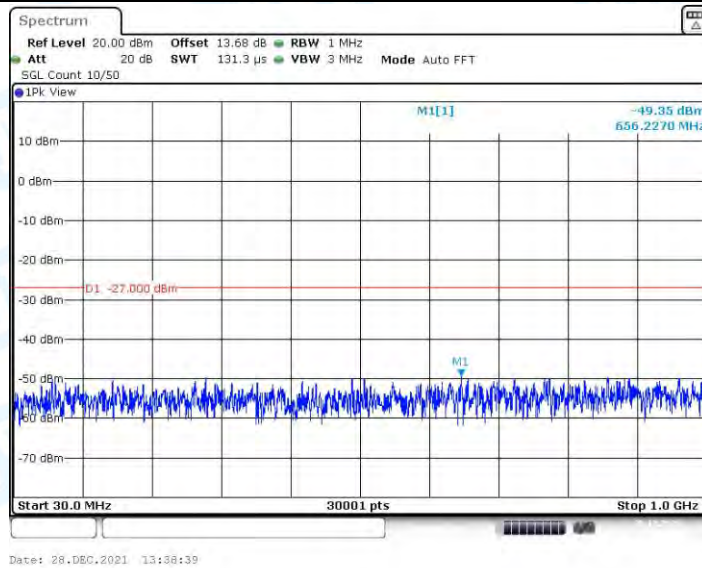
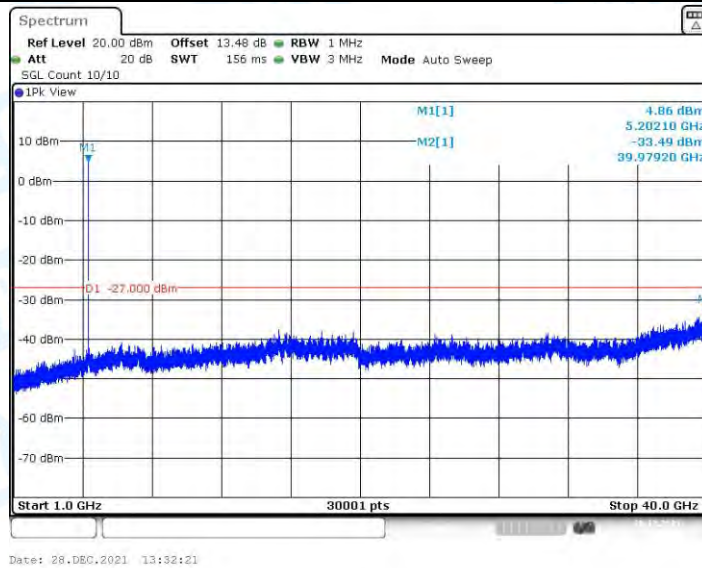
11N20SISO_Ant1_5180_30~1000

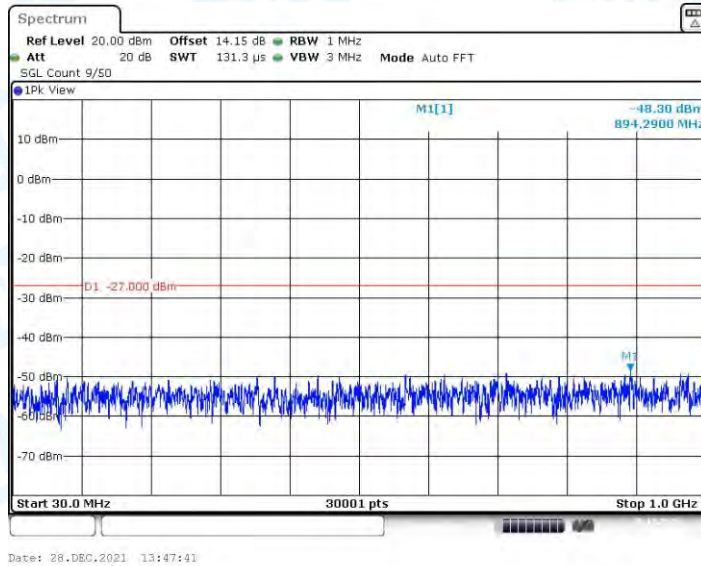


11N20SISO_Ant1_5180_1000~40000

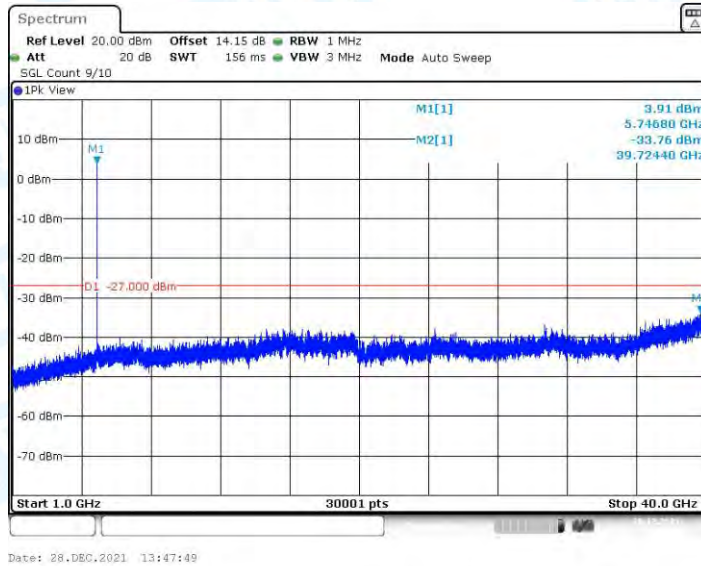


11N20SISO_Ant1_5200_30~1000

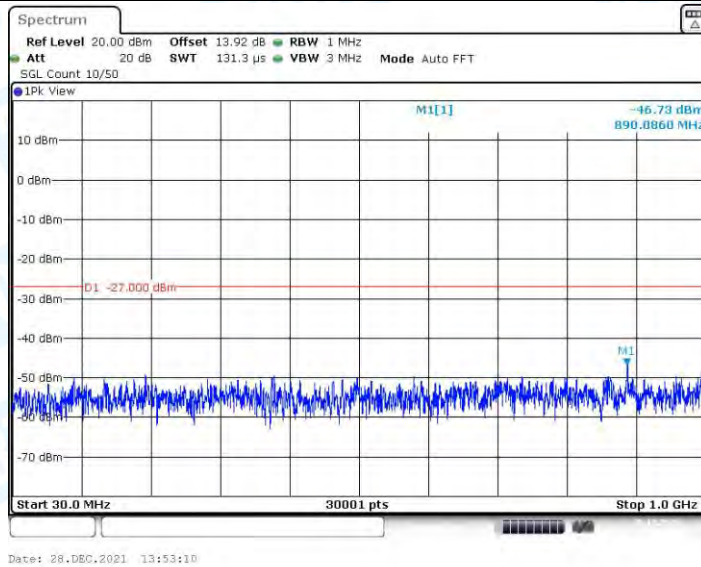




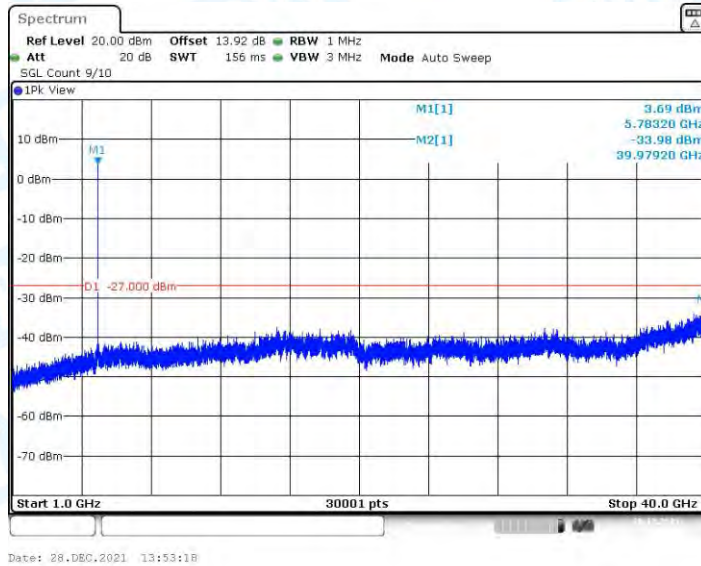
11N20SISO_Ant1_5745_30~1000



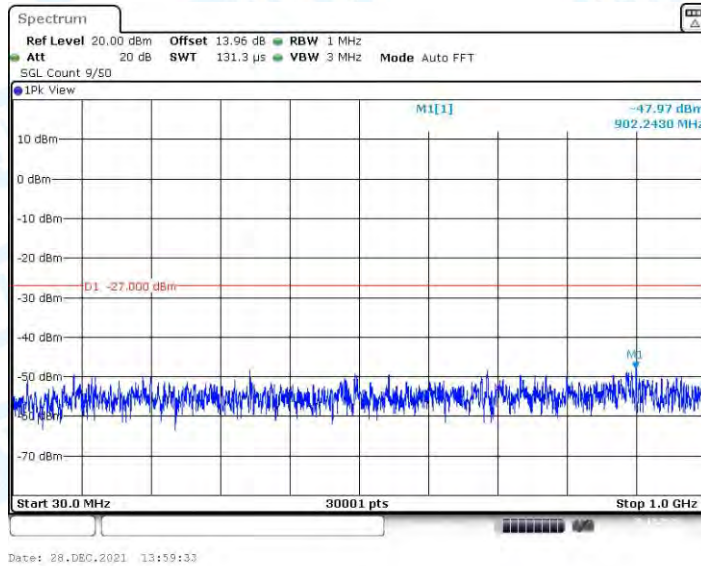
11N20SISO_Ant1_5745_1000~40000



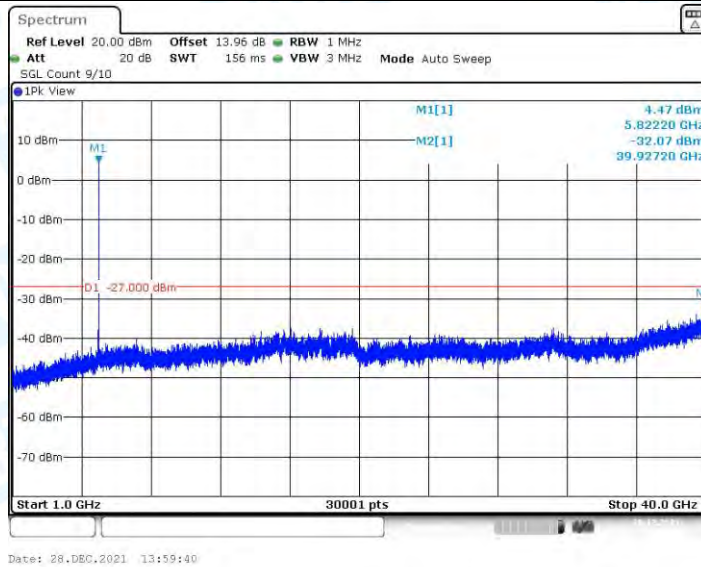
11N20SISO_Ant1_5785_30~1000



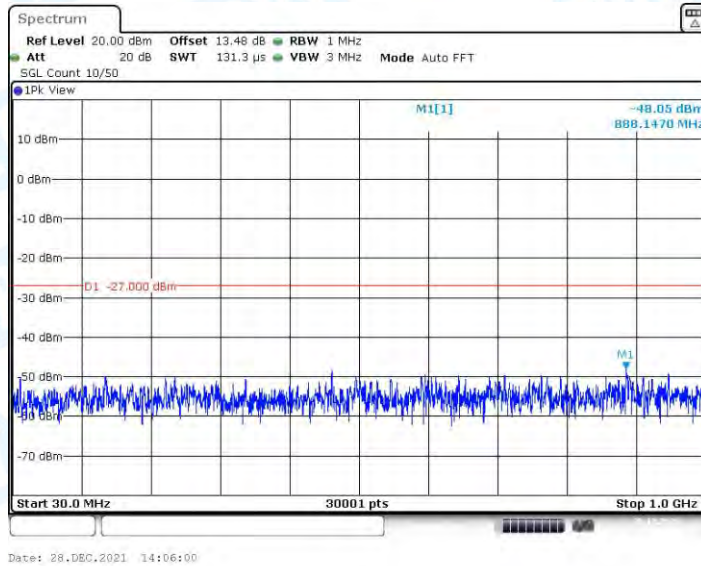
11N20SISO_Ant1_5785_1000~40000



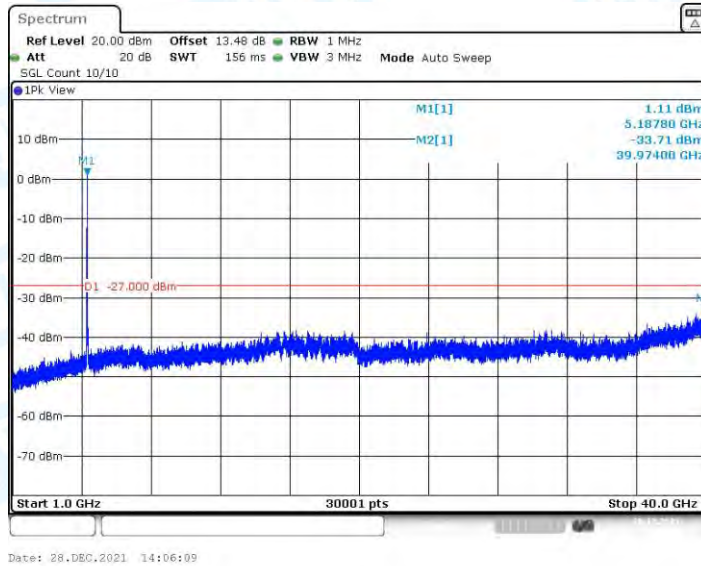
11N20SISO_Ant1_5825_30~1000



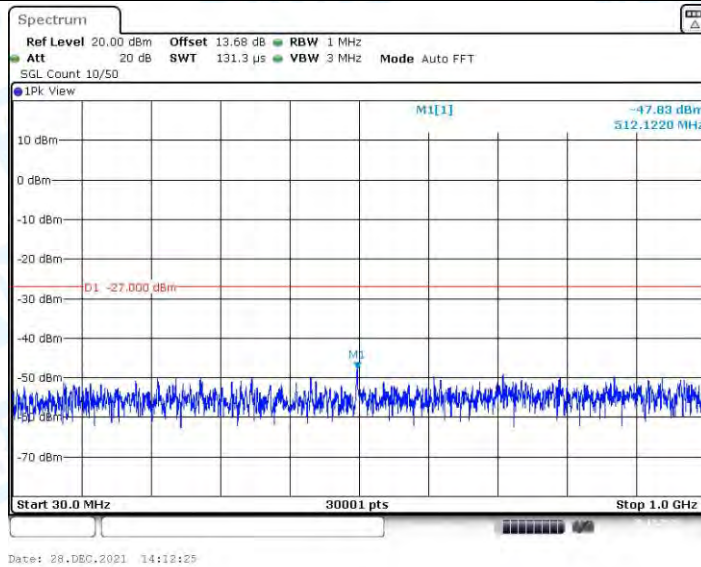
11N20SISO_Ant1_5825_1000~40000



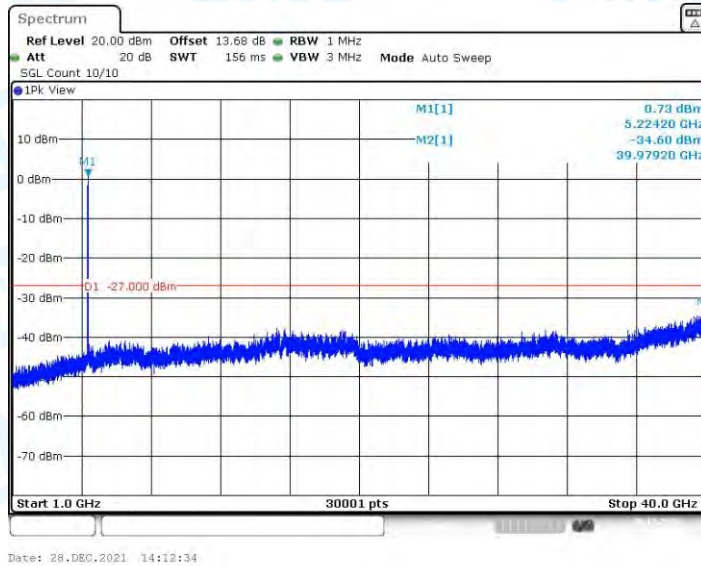
11N40SISO_Ant1_5190_30~1000



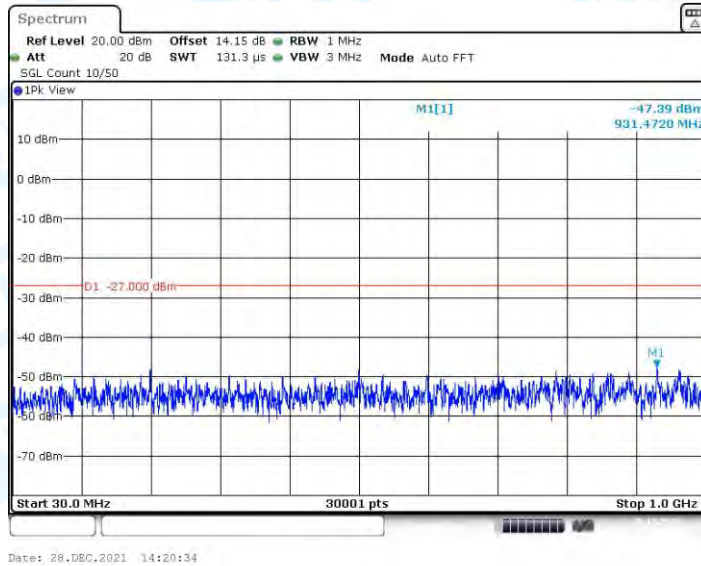
11N40SISO_Ant1_5190_1000~40000



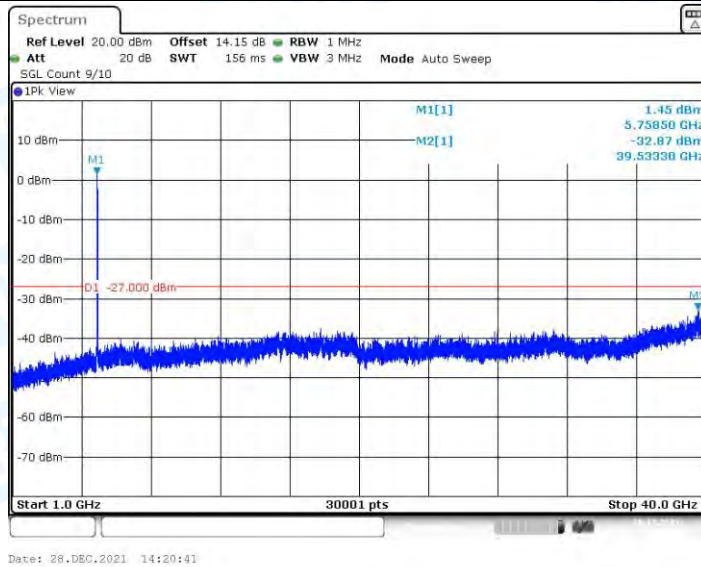
11N40SISO_Ant1_5230_30~1000



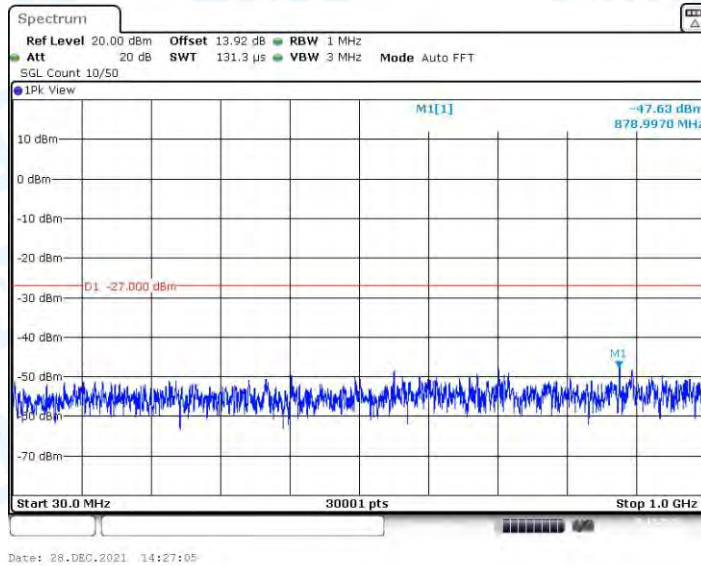
11N40SISO_Ant1_5230_1000~40000



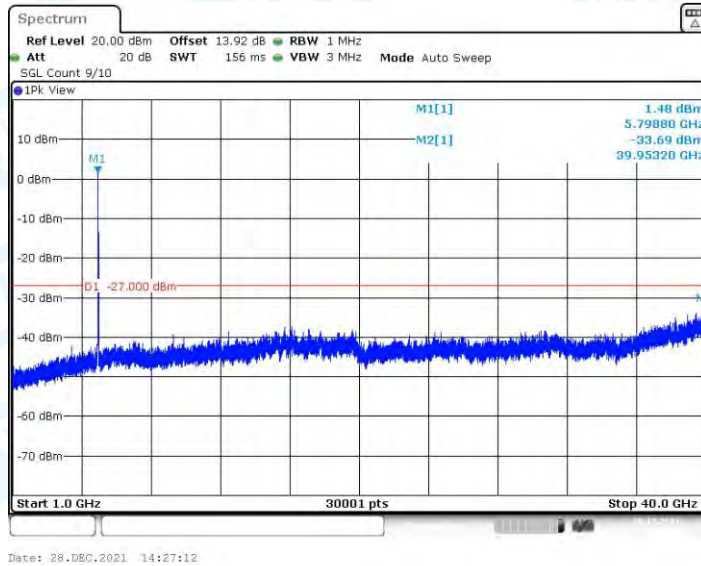
11N40SISO_Ant1_5755_30~1000



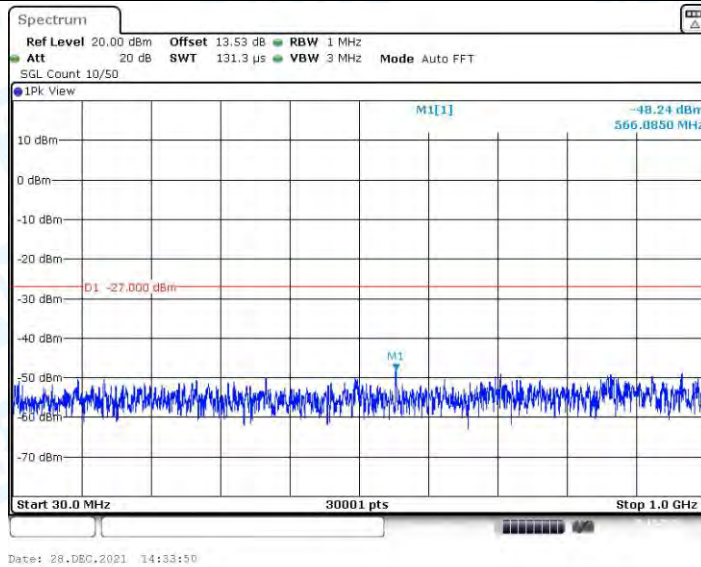
11N40SISO_Ant1_5755_1000~40000



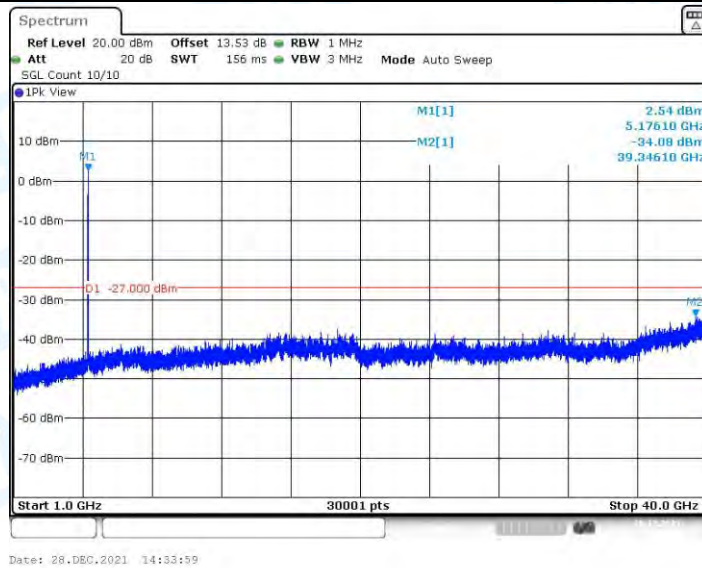
11N40SISO_Ant1_5795_30~1000



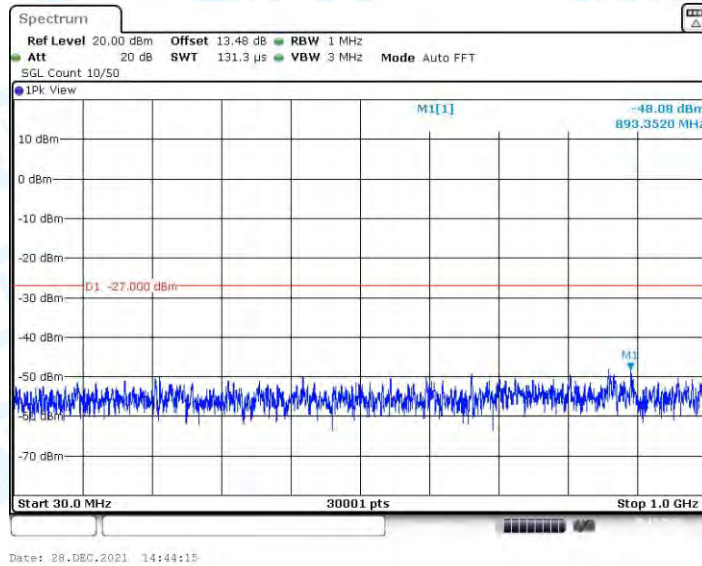
11N40SISO_Ant1_5795_1000~40000



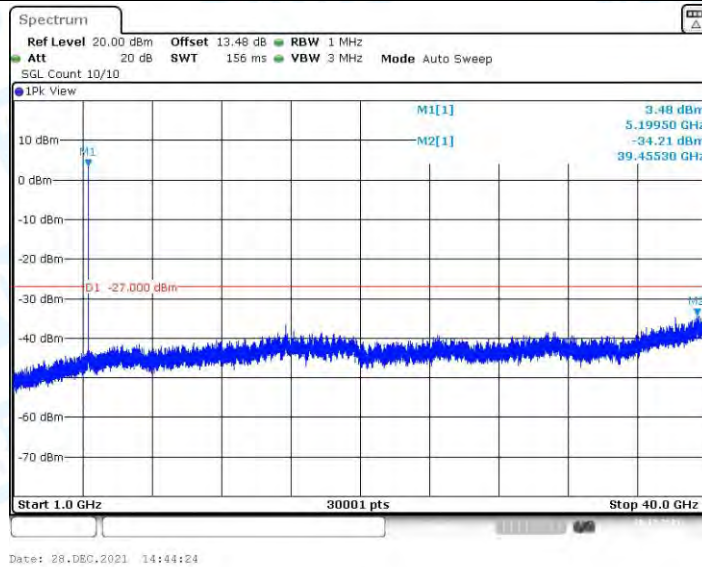
11AC20SISO_Ant1_5180_30~1000



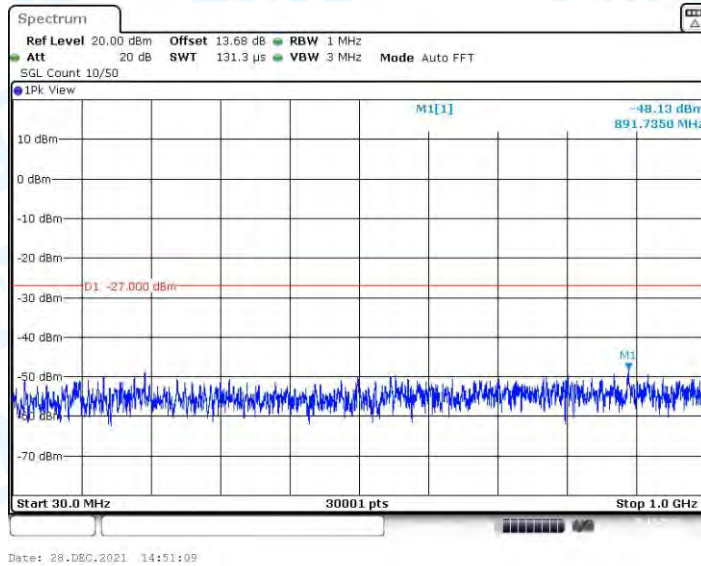
11AC20SISO_Ant1_5180_1000~40000



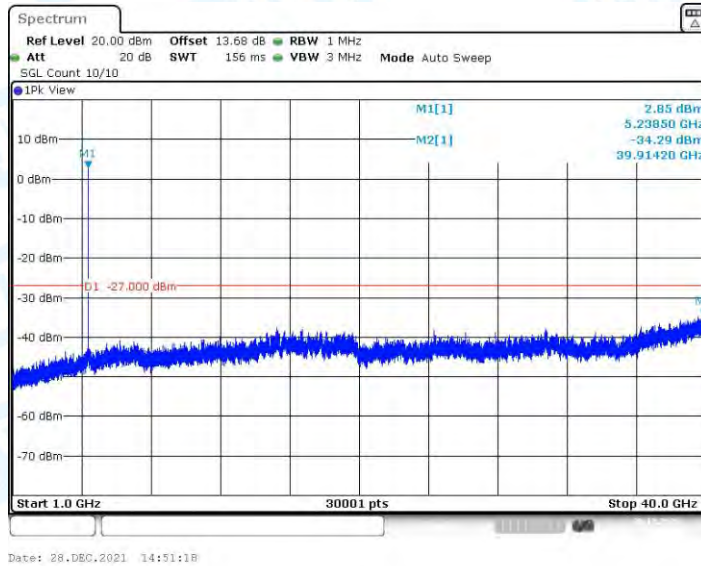
11AC20SISO_Ant1_5200_30~1000



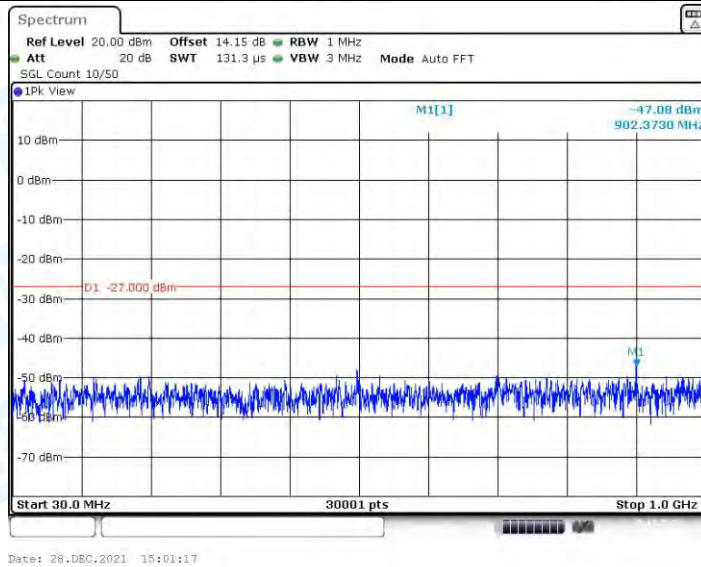
11AC20SISO_Ant1_5200_1000~40000



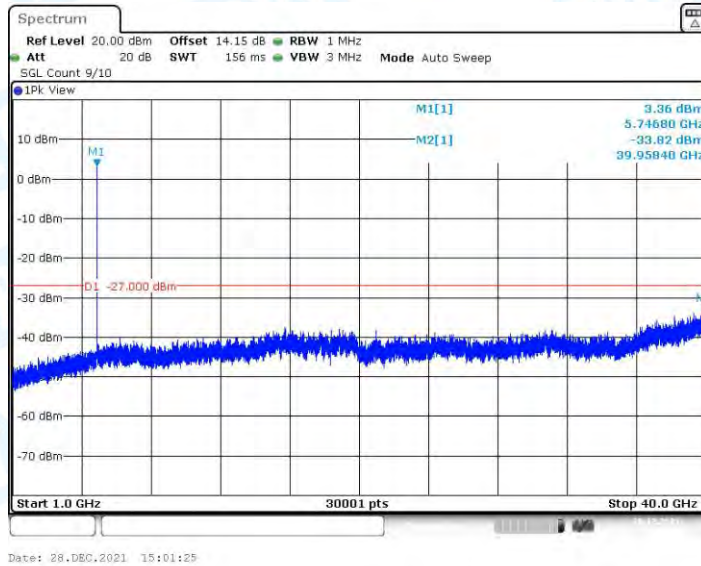
11AC20SISO_Ant1_5240_30~1000



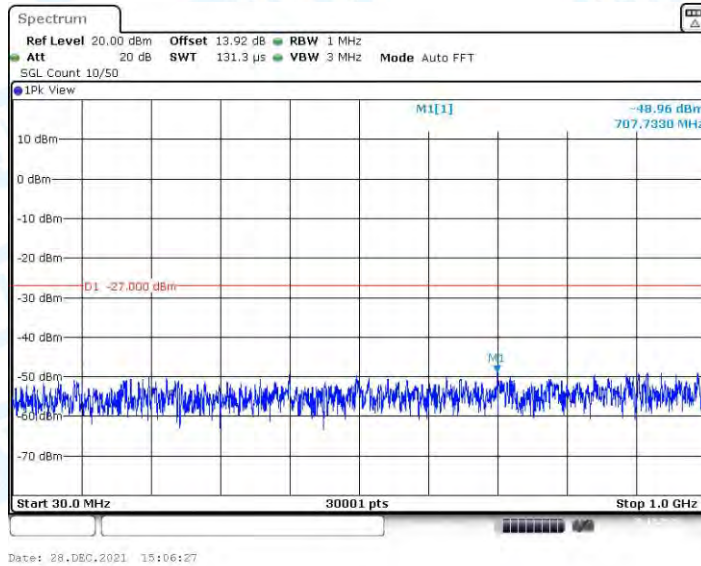
11AC20SISO_Ant1_5240_1000~40000



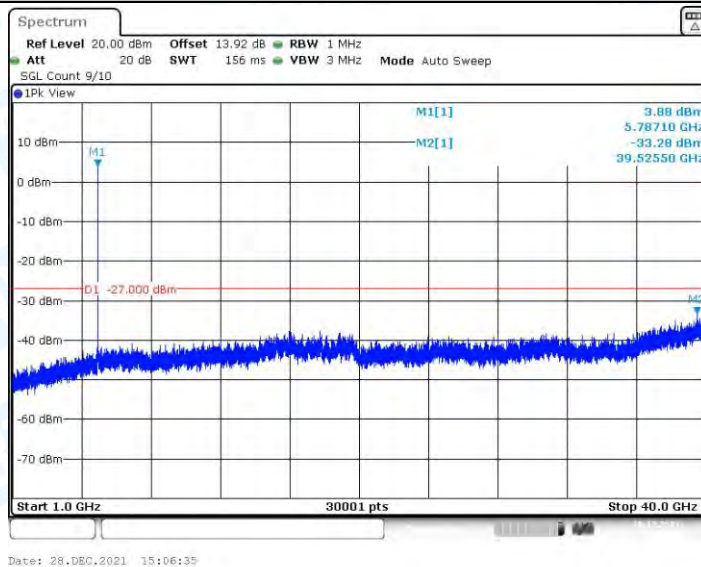
11AC20SISO_Ant1_5745_30~1000



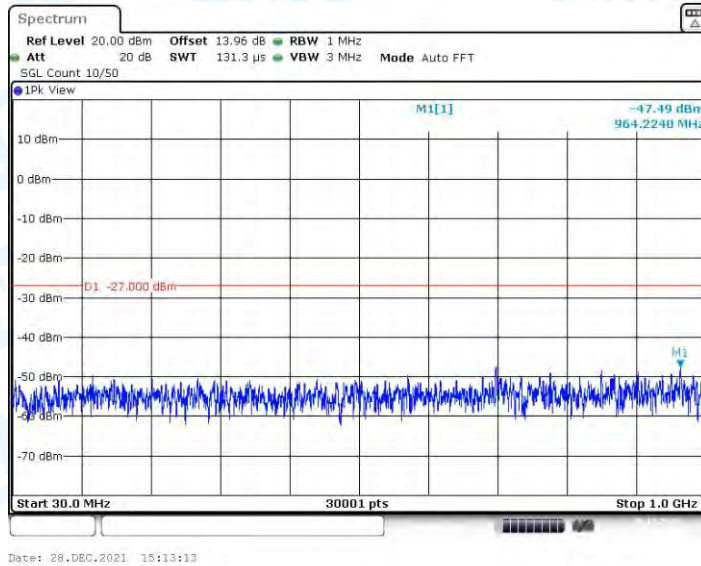
11AC20SISO_Ant1_5745_1000~40000



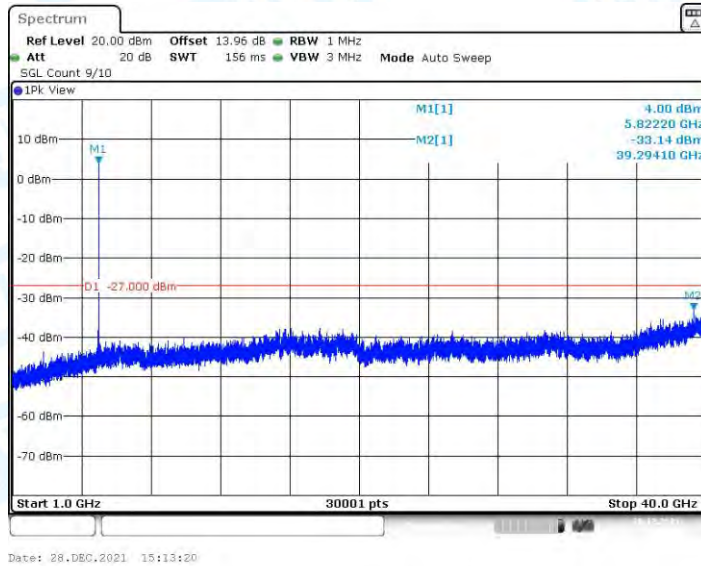
11AC20SISO_Ant1_5785_30~1000



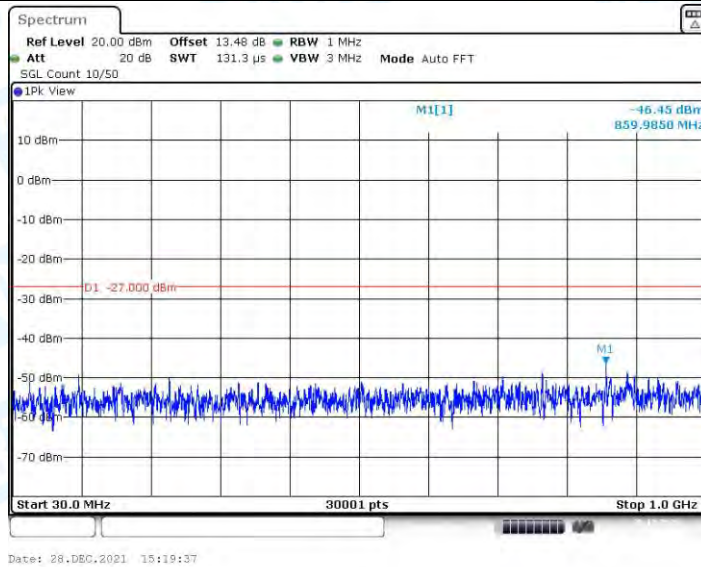
11AC20SISO_Ant1_5785_1000~40000



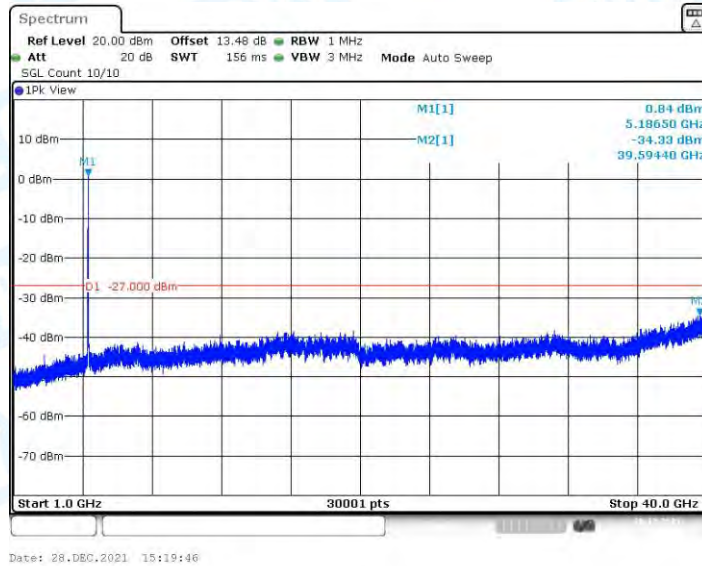
11AC20SISO_Ant1_5825_30~1000



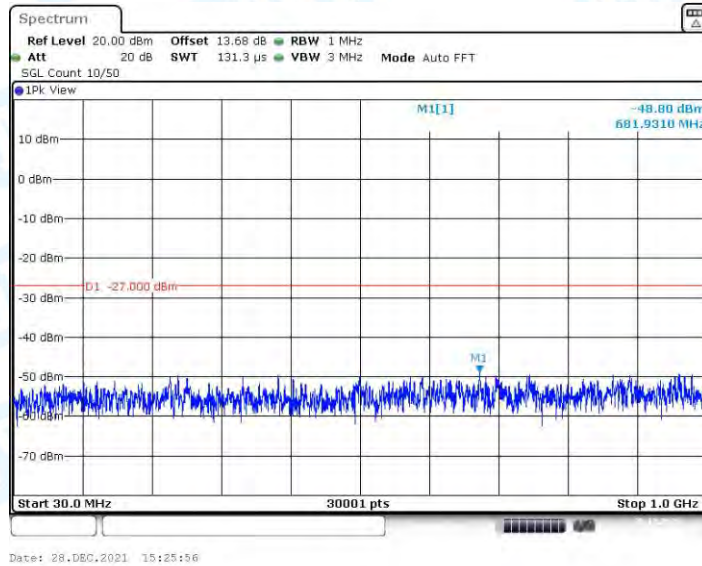
11AC20SISO_Ant1_5825_1000~40000



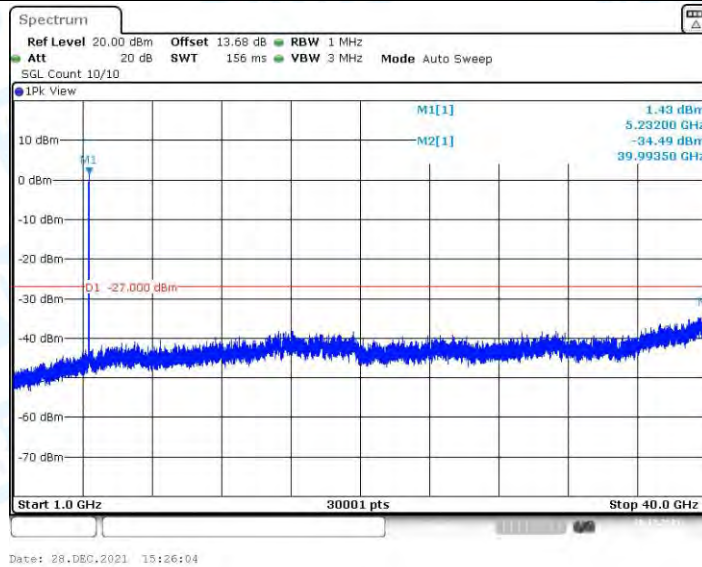
11AC40SISO_Ant1_5190_30~1000



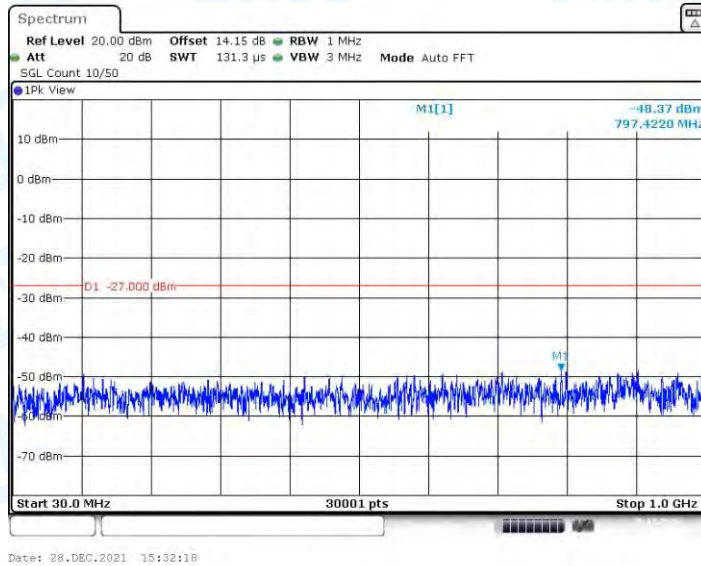
11AC40SISO_Ant1_5190_1000~40000



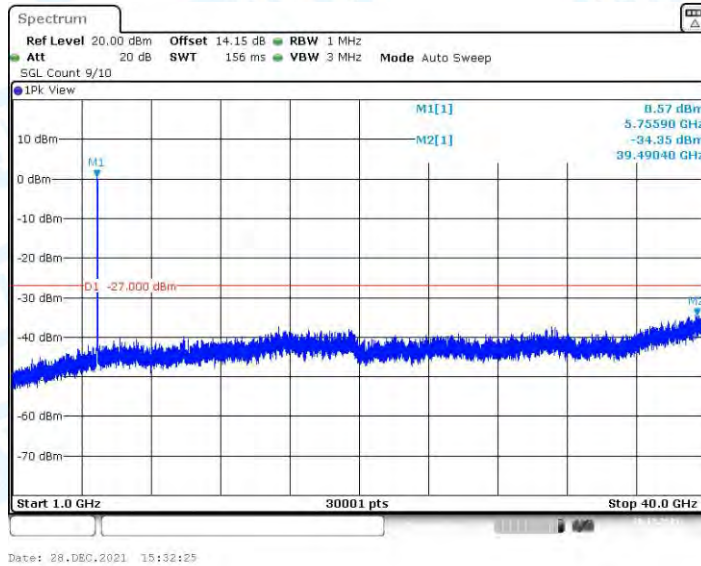
11AC40SISO_Ant1_5230_30~1000



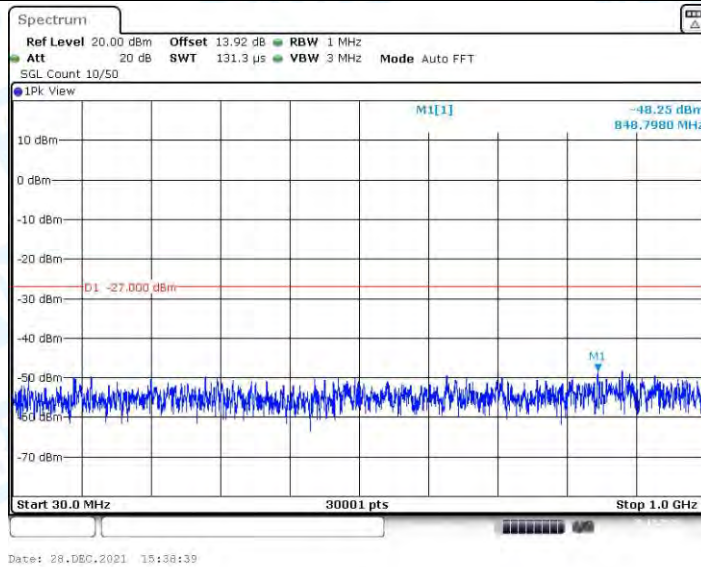
11AC40SISO_Ant1_5230_1000~40000



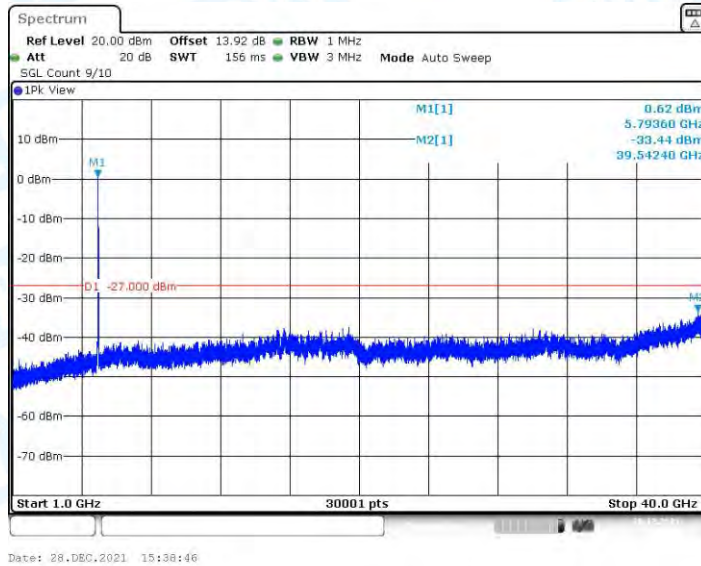
11AC40SISO_Ant1_5755_30~1000



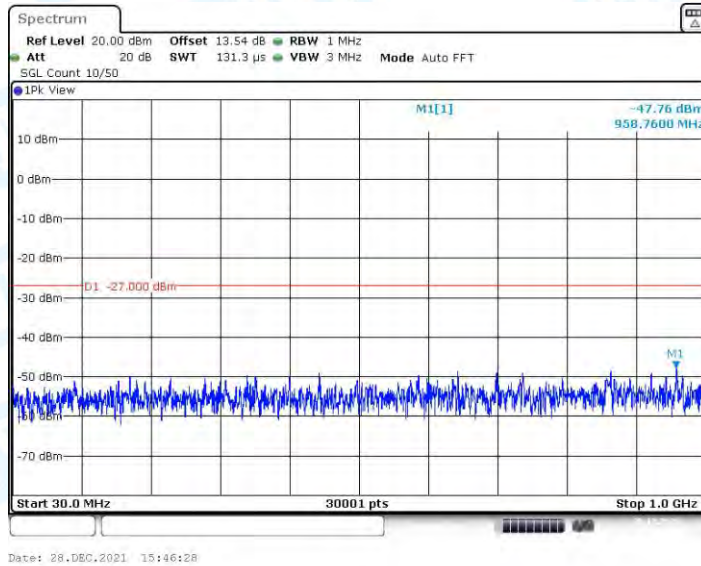
11AC40SISO_Ant1_5755_1000~40000



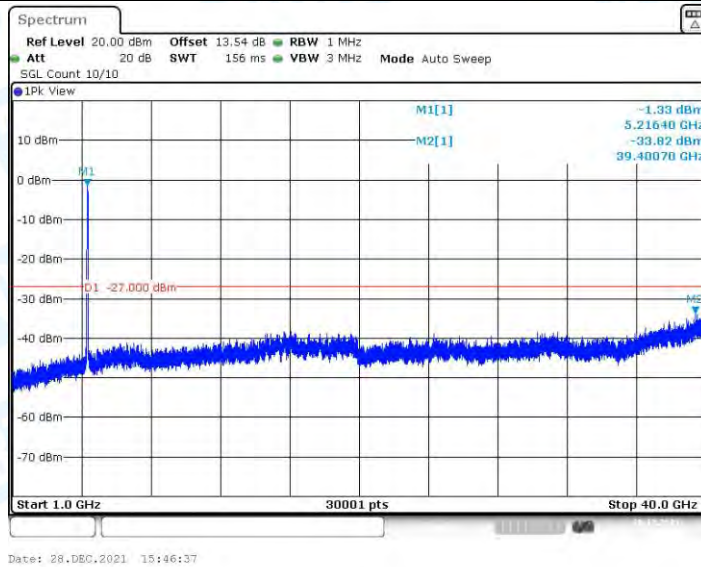
11AC40SISO_Ant1_5795_30~1000



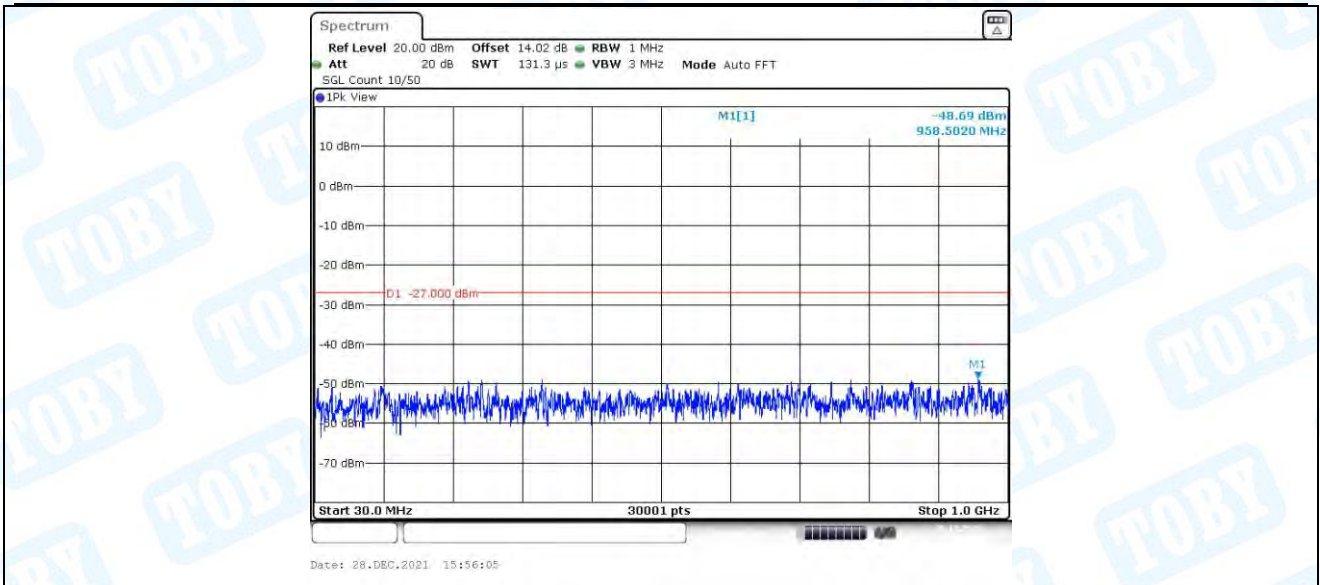
11AC40SISO_Ant1_5795_1000~40000



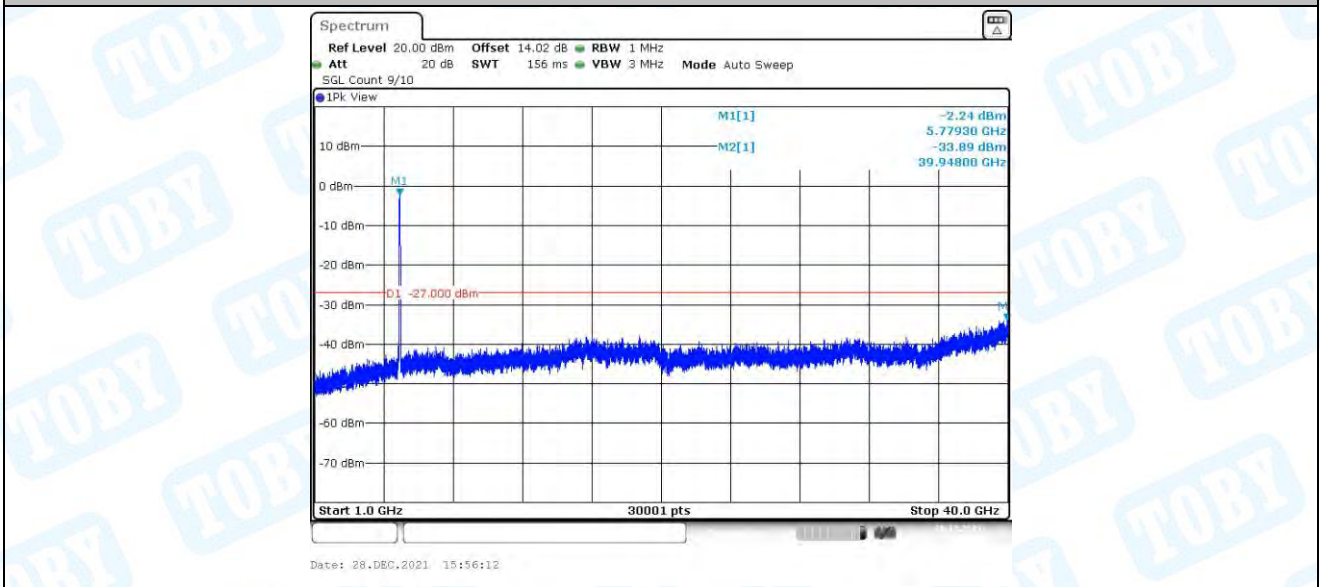
11AC80SISO_Ant1_5210_30~1000



11AC80SISO_Ant1_5210_1000~40000



11AC80SISO_Ant1_5775_30~1000



11AC80SISO_Ant1_5775_1000~40000

9. Frequency Stability

9.1. Test Result

Voltage									
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
11A	Ant1	5180	NV	NT	0	0	20	PASS	
			LV	NT	0	0	20	PASS	
			HV	NT	-20000	-3.861004	20	PASS	
		5200	NV	NT	0	0	0	20	PASS
			LV	NT	0	0	0	20	PASS
			HV	NT	0	0	0	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS	
			LV	NT	-20000	-3.816794	20	PASS	
			HV	NT	20000	3.816794	20	PASS	
		5745	NV	NT	0	0	0	20	PASS
			LV	NT	0	0	0	20	PASS
			HV	NT	20000	3.481288	20	PASS	
		5785	NV	NT	20000	3.457217	20	PASS	
			LV	NT	0	0	20	PASS	
			HV	NT	-20000	-3.457217	20	PASS	
5825	NV	NT	0	0	0	20	PASS		
	LV	NT	-20000	-3.433476	20	PASS			
	HV	NT	0	0	20	PASS			
11N20SISO	Ant1	5180	NV	NT	0	0	20	PASS	
			LV	NT	-20000	-3.861004	20	PASS	
			HV	NT	-20000	-3.861004	20	PASS	
		5200	NV	NT	20000	3.846154	20	PASS	
			LV	NT	0	0	20	PASS	
			HV	NT	0	0	20	PASS	
		5240	NV	NT	-20000	-3.816794	20	PASS	
			LV	NT	0	0	20	PASS	
			HV	NT	0	0	20	PASS	
		5745	NV	NT	0	0	0	20	PASS
			LV	NT	0	0	0	20	PASS
			HV	NT	-20000	-3.481288	20	PASS	
		5785	NV	NT	20000	3.457217	20	PASS	
			LV	NT	0	0	20	PASS	
			HV	NT	0	0	20	PASS	
5825	NV	NT	20000	3.433476	20	PASS			
	LV	NT	0	0	20	PASS			
	HV	NT	-20000	-3.433476	20	PASS			
11N40SISO	Ant1	5190	NV	NT	0	0	20	PASS	
			LV	NT	-40000	-7.707129	20	PASS	
			HV	NT	0	0	20	PASS	

		5230	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.648184	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	-40000	-6.902502	20	PASS
			HV	NT	0	0	20	PASS
11AC20SIS O	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5200	NV	NT	20000	3.846154	20	PASS
			LV	NT	-20000	-3.846154	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	20000	3.457217	20	PASS
5825	NV	NT	0	0	20	PASS		
	LV	NT	0	0	20	PASS		
	HV	NT	0	0	20	PASS		
11AC40SIS O	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.648184	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
5795	NV	NT	0	0	20	PASS		
	LV	NT	0	0	20	PASS		
	HV	NT	0	0	20	PASS		
11AC80SIS O	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5775	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0	0	20	PASS
			NV	-20	20000	3.861004	20	PASS
			NV	-10	20000	3.861004	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.861004	20	PASS
			NV	30	20000	3.861004	20	PASS
			NV	40	20000	3.861004	20	PASS
			NV	50	-20000	-3.861004	20	PASS
		5200	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5240	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.816794	20	PASS
			NV	-10	-20000	-3.816794	20	PASS
			NV	0	20000	3.816794	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-20000	-3.816794	20	PASS
		5745	NV	-30	-20000	-3.481288	20	PASS
			NV	-20	20000	3.481288	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	-20000	-3.481288	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-20000	-3.481288	20	PASS
		5785	NV	-30	20000	3.457217	20	PASS
			NV	-20	-20000	-3.457217	20	PASS
			NV	-10	-20000	-3.457217	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS

		5825	NV	40	0	0	20	PASS
			NV	50	20000	3.457217	20	PASS
			NV	-30	-20000	-3.433476	20	PASS
			NV	-20	20000	3.433476	20	PASS
			NV	-10	-20000	-3.433476	20	PASS
			NV	0	20000	3.433476	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.433476	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
11N20SISO	Ant1	5180	NV	-30	0	0	20	PASS
			NV	-20	20000	3.861004	20	PASS
			NV	-10	20000	3.861004	20	PASS
			NV	0	-20000	-3.861004	20	PASS
			NV	10	0	0	20	PASS
			NV	20	20000	3.861004	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
		NV	50	-20000	-3.861004	20	PASS	
		5200	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-20000	-3.846154	20	PASS
			NV	0	20000	3.846154	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
		5240	NV	50	0	0	20	PASS
			NV	-30	-20000	-3.816794	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	20000	3.816794	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-20000	-3.816794	20	PASS
			NV	30	0	0	20	PASS
		5745	NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	20000	3.481288	20	PASS
			NV	10	-20000	-3.481288	20	PASS
NV	20		0	0	20	PASS		
NV	30	20000	3.481288	20	PASS			
NV	40	20000	3.481288	20	PASS			

		5785	NV	50	0	0	20	PASS
			NV	-30	20000	3.457217	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	20000	3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	40	20000	3.457217	20	PASS
			NV	50	20000	3.457217	20	PASS
		5825	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	20000	3.433476	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
		NV	50	-20000	-3.433476	20	PASS	
		11N40SISO	Ant1	5190	NV	-30	0	0
NV	-20				0	0	20	PASS
NV	-10				0	0	20	PASS
NV	0				0	0	20	PASS
NV	10				0	0	20	PASS
NV	20				0	0	20	PASS
NV	30				0	0	20	PASS
NV	40				0	0	20	PASS
NV	50				0	0	20	PASS
5230	NV			-30	0	0	20	PASS
	NV			-20	0	0	20	PASS
	NV			-10	0	0	20	PASS
	NV			0	0	0	20	PASS
	NV			10	0	0	20	PASS
	NV			20	0	0	20	PASS
	NV			30	0	0	20	PASS
	NV			40	0	0	20	PASS
	NV			50	0	0	20	PASS
5755	NV			-30	0	0	20	PASS
	NV			-20	0	0	20	PASS
	NV			-10	0	0	20	PASS
	NV			0	0	0	20	PASS
	NV			10	0	0	20	PASS
	NV			20	40000	6.950478	20	PASS
	NV			30	0	0	20	PASS
	NV			40	0	0	20	PASS
	NV			50	0	0	20	PASS

11AC20SIS O	Ant1	5795	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-40000	-6.902502	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5180	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	20000	3.861004	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	20000	3.861004	20	PASS
			NV	40	0	0	20	PASS
			NV	50	20000	3.861004	20	PASS
5200	NV	-30	0	0	20	PASS		
	NV	-20	20000	3.846154	20	PASS		
	NV	-10	0	0	20	PASS		
	NV	0	-20000	-3.846154	20	PASS		
	NV	10	0	0	20	PASS		
	NV	20	0	0	20	PASS		
	NV	30	0	0	20	PASS		
	NV	40	20000	3.846154	20	PASS		
	NV	50	0	0	20	PASS		
5240	NV	-30	0	0	20	PASS		
	NV	-20	-20000	-3.816794	20	PASS		
	NV	-10	0	0	20	PASS		
	NV	0	-20000	-3.816794	20	PASS		
	NV	10	-20000	-3.816794	20	PASS		
	NV	20	-20000	-3.816794	20	PASS		
	NV	30	0	0	20	PASS		
	NV	40	0	0	20	PASS		
	NV	50	0	0	20	PASS		
5745	NV	-30	0	0	20	PASS		
	NV	-20	-20000	-3.481288	20	PASS		
	NV	-10	-20000	-3.481288	20	PASS		
	NV	0	-20000	-3.481288	20	PASS		
	NV	10	0	0	20	PASS		
	NV	20	0	0	20	PASS		
	NV	30	-20000	-3.481288	20	PASS		
	NV	40	-20000	-3.481288	20	PASS		
	NV	50	0	0	20	PASS		
5785	NV	-30	0	0	20	PASS		

		5825	NV	-20	0	0	20	PASS		
			NV	-10	0	0	20	PASS		
			NV	0	20000	3.457217	20	PASS		
			NV	10	0	0	20	PASS		
			NV	20	0	0	20	PASS		
			NV	30	0	0	20	PASS		
			NV	40	-20000	-3.457217	20	PASS		
			NV	50	0	0	20	PASS		
			NV	-30	0	0	20	PASS		
			NV	-20	-20000	-3.433476	20	PASS		
			NV	-10	0	0	20	PASS		
			NV	0	-20000	-3.433476	20	PASS		
			NV	10	0	0	20	PASS		
			NV	20	0	0	20	PASS		
		NV	30	0	0	20	PASS			
		NV	40	0	0	20	PASS			
		NV	50	-20000	-3.433476	20	PASS			
		11AC40SIS O	Ant1	5190	NV	-30	0	0	20	PASS
					NV	-20	0	0	20	PASS
					NV	-10	0	0	20	PASS
					NV	0	-40000	-7.707129	20	PASS
					NV	10	0	0	20	PASS
					NV	20	0	0	20	PASS
					NV	30	40000	7.707129	20	PASS
					NV	40	0	0	20	PASS
					NV	50	0	0	20	PASS
				5230	NV	-30	0	0	20	PASS
					NV	-20	0	0	20	PASS
NV	-10				0	0	20	PASS		
NV	0				0	0	20	PASS		
NV	10				0	0	20	PASS		
NV	20				0	0	20	PASS		
NV	30				0	0	20	PASS		
NV	40				0	0	20	PASS		
NV	50				0	0	20	PASS		
5755	NV			-30	-40000	-6.950478	20	PASS		
	NV			-20	0	0	20	PASS		
	NV			-10	0	0	20	PASS		
	NV			0	0	0	20	PASS		
	NV			10	0	0	20	PASS		
	NV			20	0	0	20	PASS		
	NV			30	0	0	20	PASS		
	NV			40	0	0	20	PASS		
	NV			50	0	0	20	PASS		
5795	NV			-30	0	0	20	PASS		
	NV	-20	40000	6.902502	20	PASS				

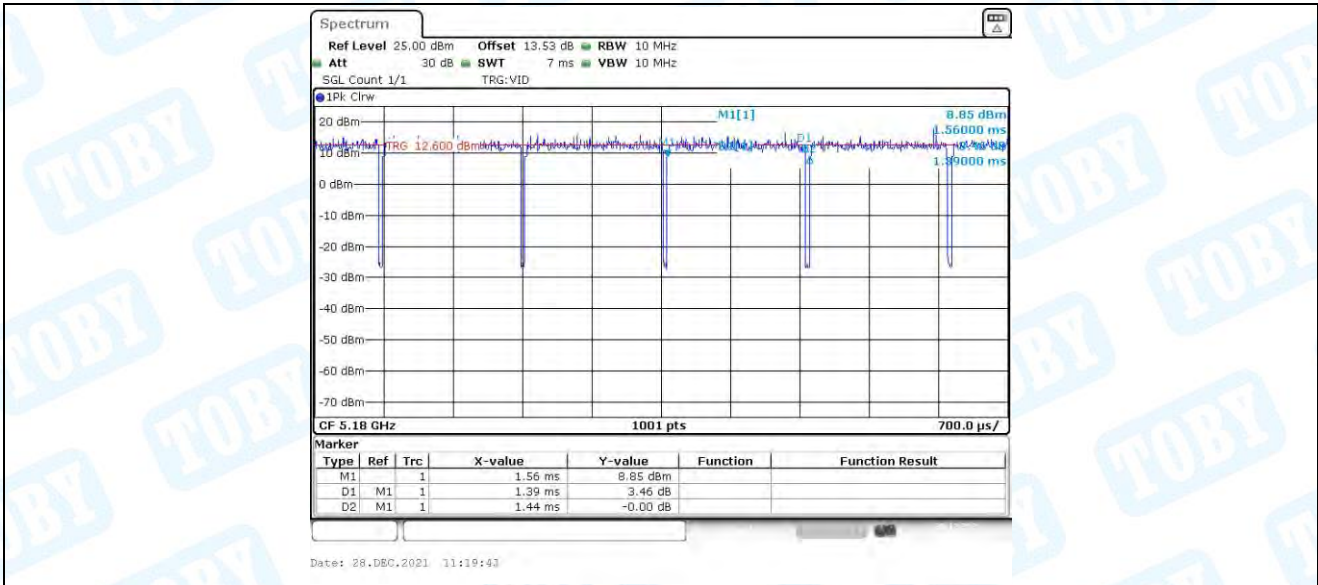
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-6.902502	20	PASS
			NV	20	0	0	20	PASS
			NV	30	40000	6.902502	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5775	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS

10. Duty Cycle

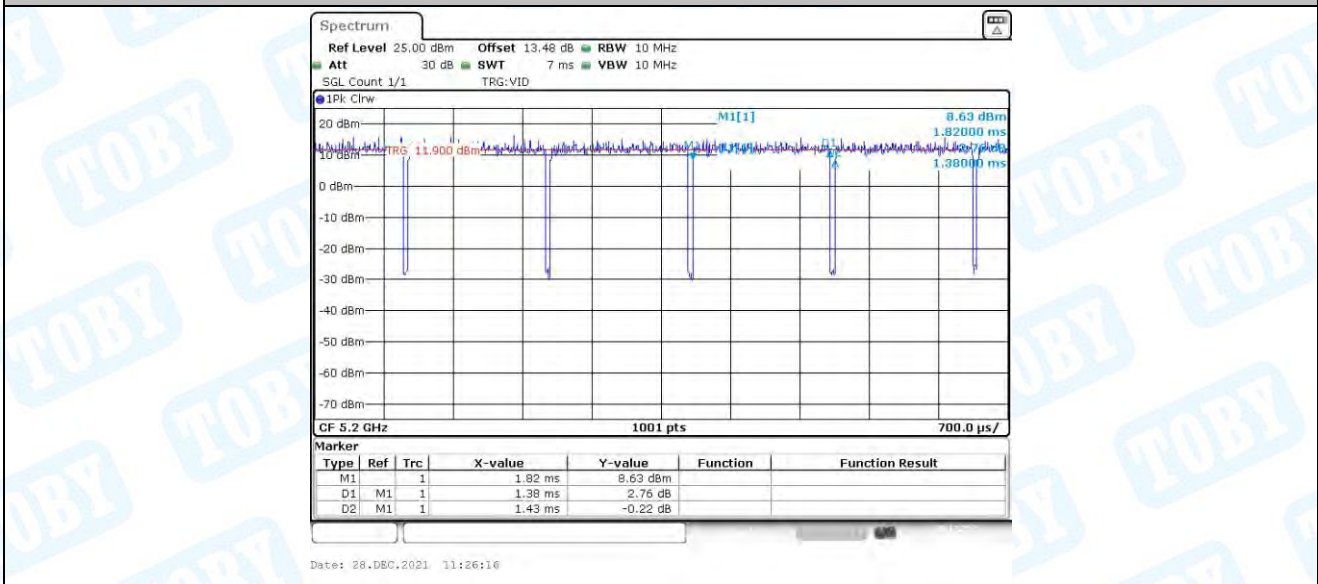
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	---	PASS
		5200	1.38	1.43	96.50	---	PASS
		5240	1.39	1.43	97.20	---	PASS
		5745	1.40	1.44	97.22	---	PASS
		5785	1.40	1.44	97.22	---	PASS
		5825	1.40	1.44	97.22	---	PASS
11N20SISO	Ant1	5180	1.31	1.35	97.04	---	PASS
		5200	1.31	1.35	97.04	---	PASS
		5240	1.30	1.34	97.01	---	PASS
		5745	1.30	1.34	97.01	---	PASS
		5785	1.31	1.35	97.04	---	PASS
		5825	1.30	1.34	97.01	---	PASS
11N40SISO	Ant1	5190	0.65	0.70	92.86	---	PASS
		5230	0.65	0.70	92.86	---	PASS
		5755	0.64	0.69	92.75	---	PASS
		5795	0.65	0.69	94.20	---	PASS
11AC20SISO	Ant1	5180	1.31	1.36	96.32	---	PASS
		5200	1.31	1.36	96.32	---	PASS
		5240	1.31	1.36	96.32	---	PASS
		5745	1.31	1.35	97.04	---	PASS
		5785	1.31	1.36	96.32	---	PASS
		5825	1.31	1.36	96.32	---	PASS
11AC40SISO	Ant1	5190	0.66	0.70	94.29	---	PASS
		5230	0.65	0.70	92.86	---	PASS
		5755	0.65	0.70	92.86	---	PASS
		5795	0.66	0.70	94.29	---	PASS
11AC80SISO	Ant1	5210	0.33	0.37	89.19	---	PASS
		5775	0.32	0.37	86.49	---	PASS

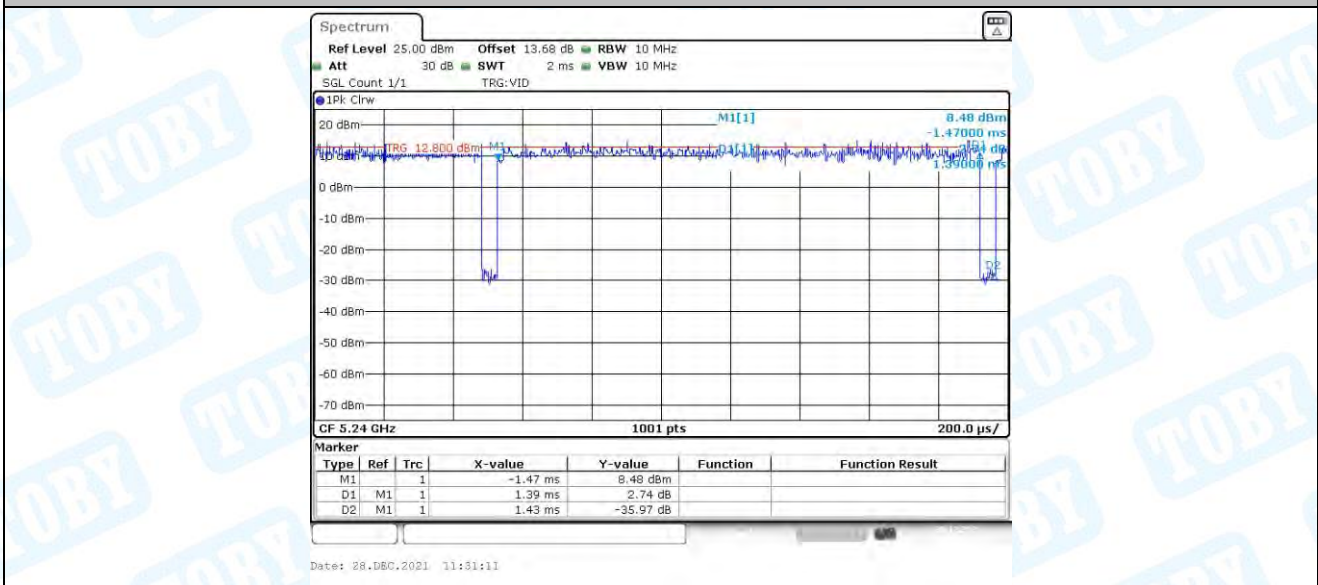
10.2. Test Graphs



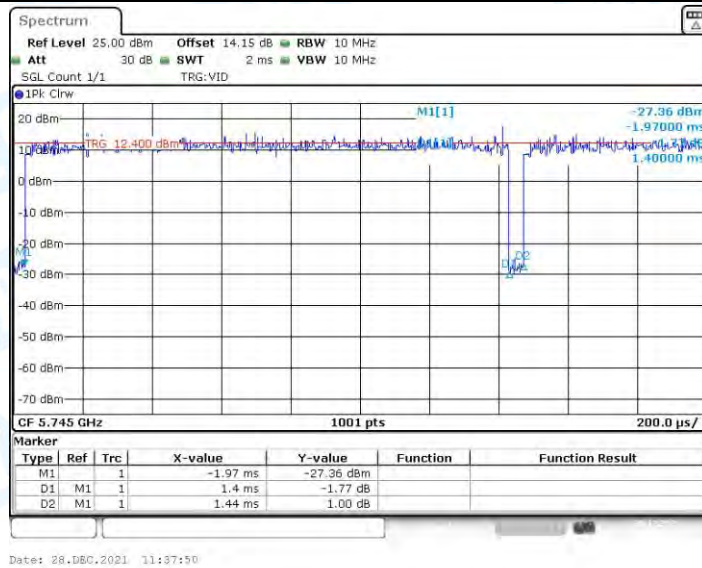
11A_Ant1_5180



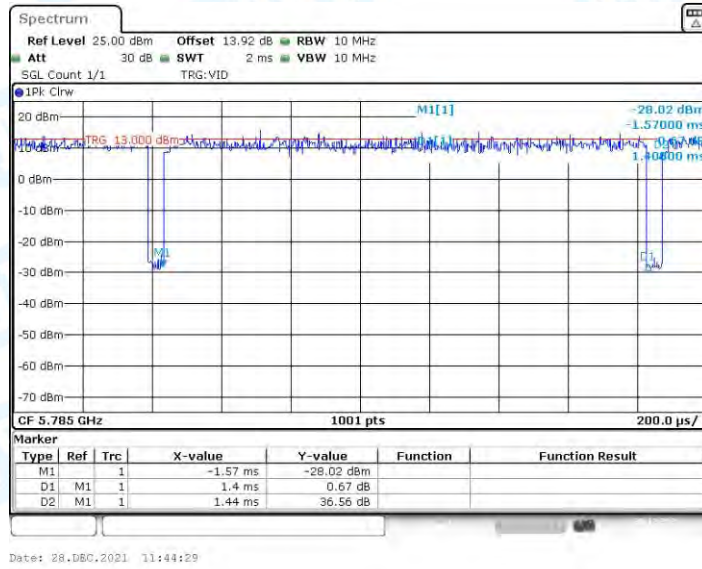
11A_Ant1_5200



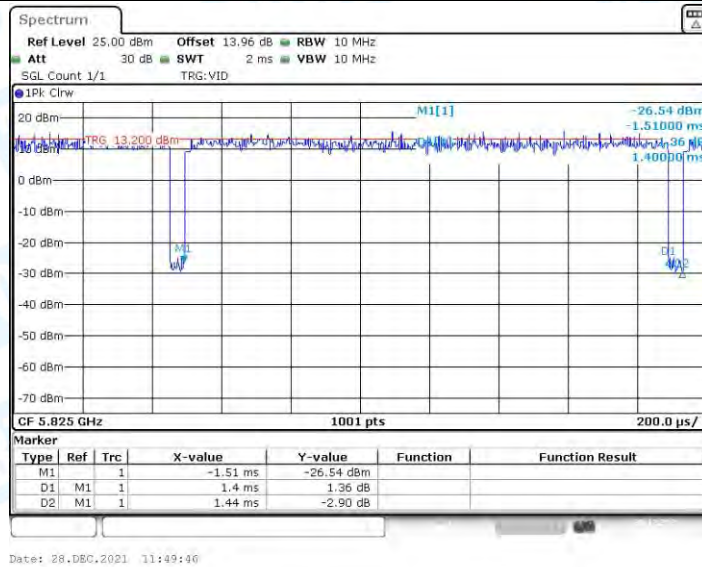
11A_Ant1_5240



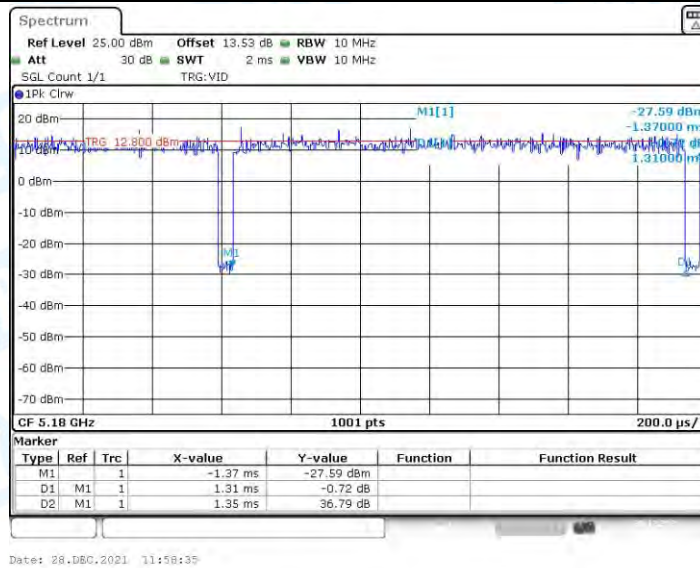
11A_Ant1_5745



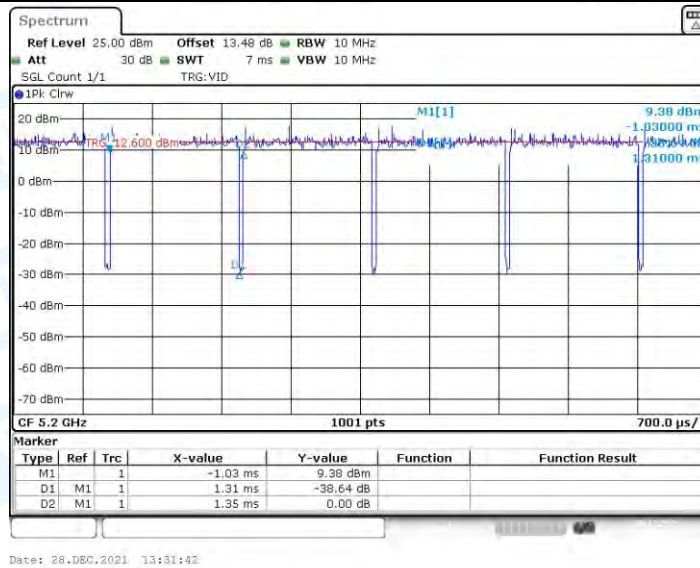
11A_Ant1_5785



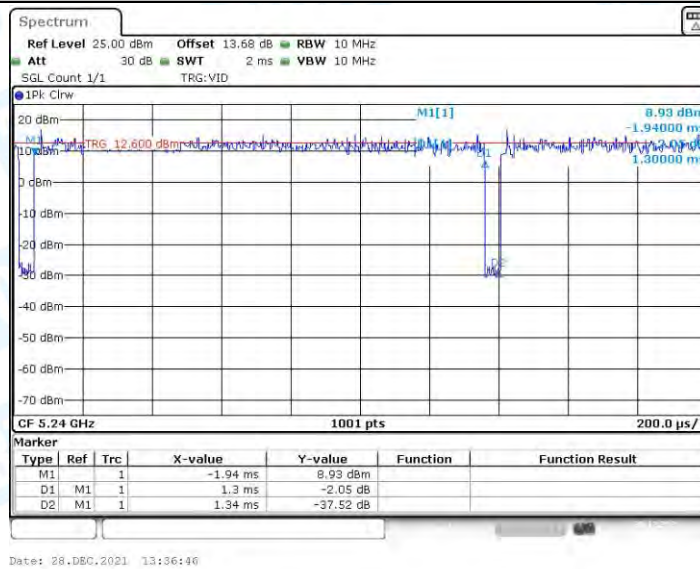
11A_Ant1_5825



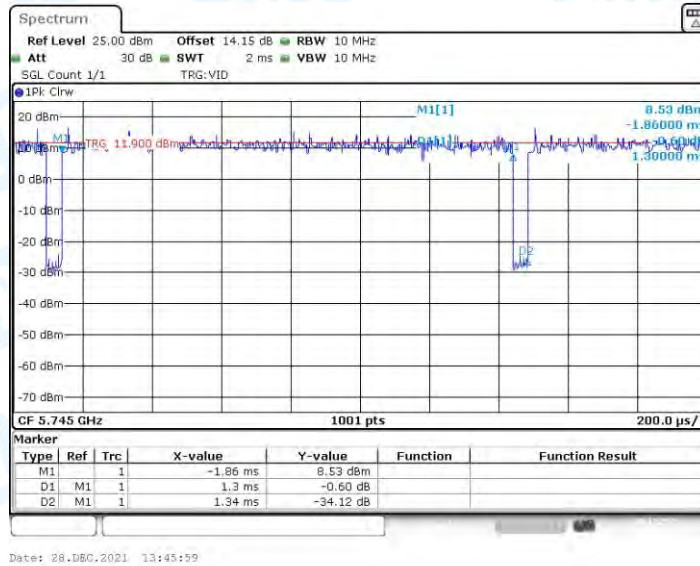
11N20SISO_Ant1_5180



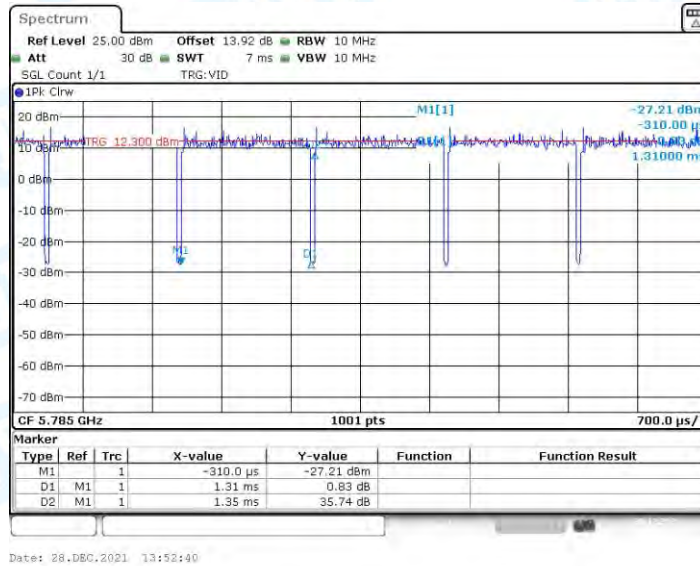
11N20SISO_Ant1_5200



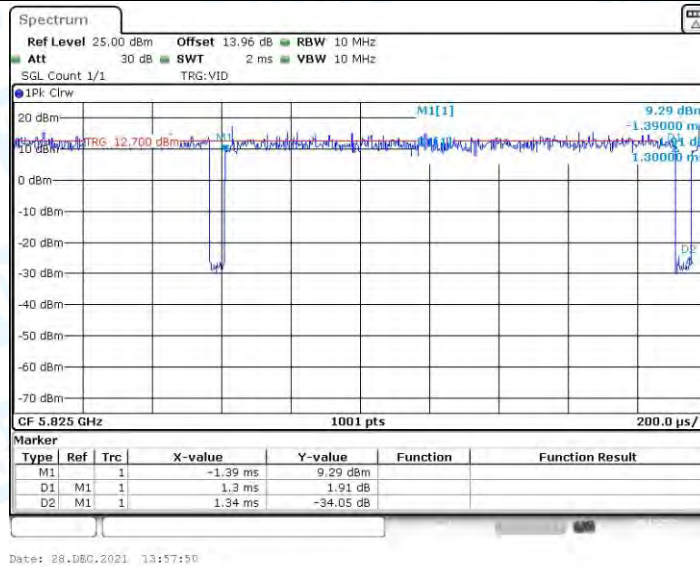
11N20SISO_Ant1_5240



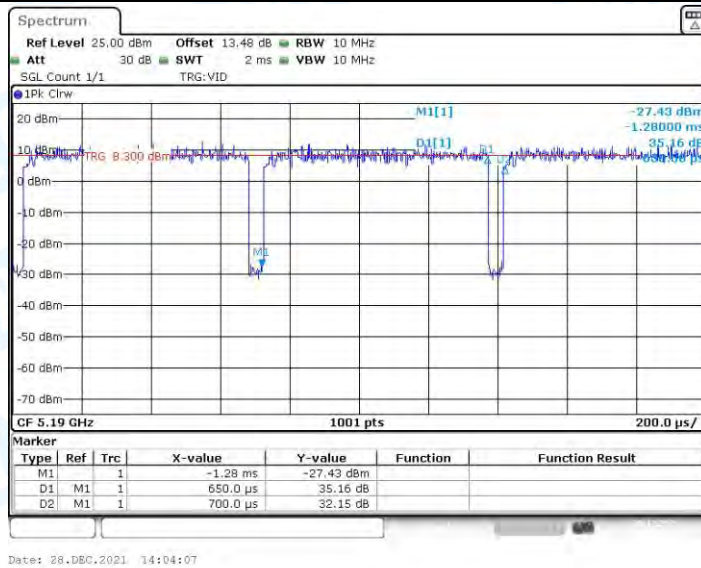
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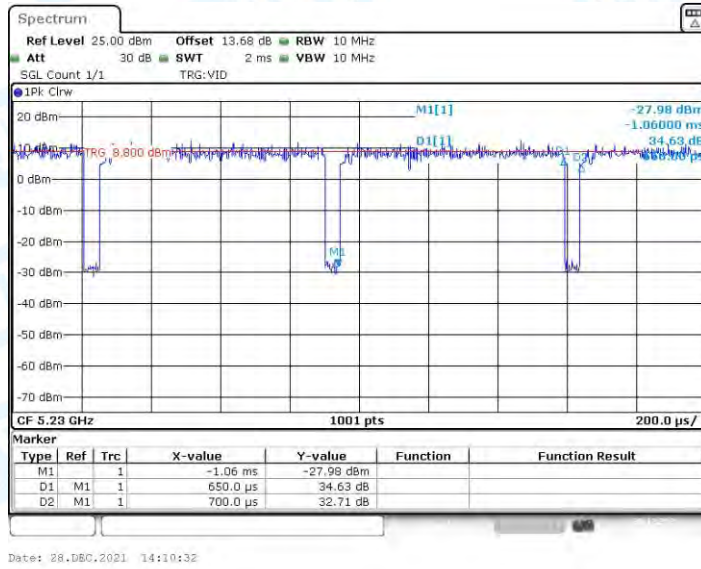
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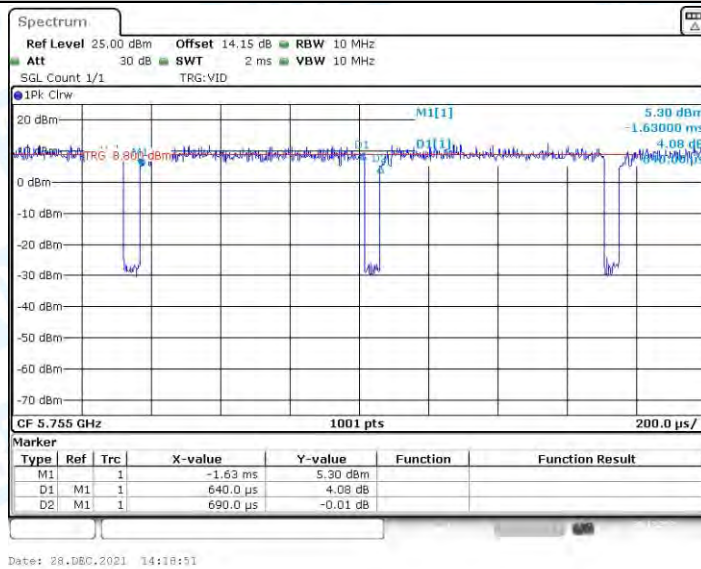
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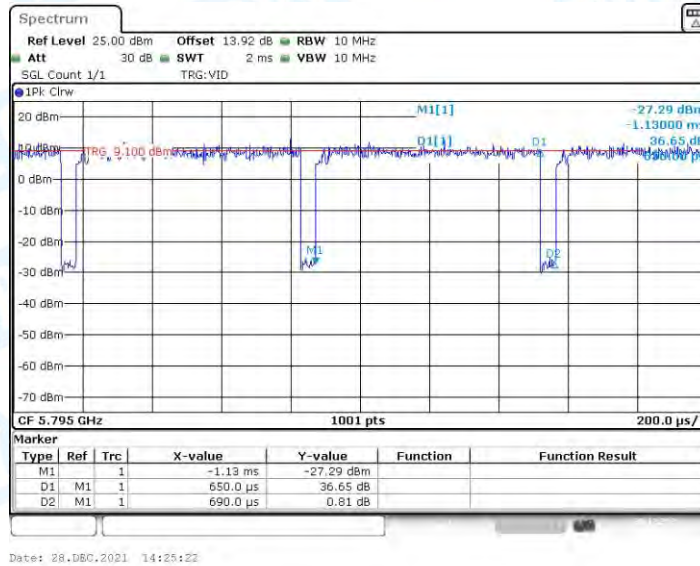
11N40SISO_Ant1_5190



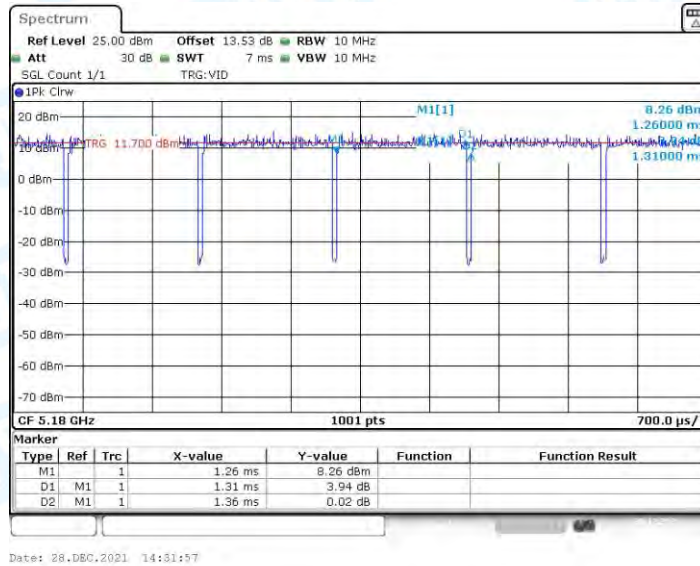
11N40SISO_Ant1_5230



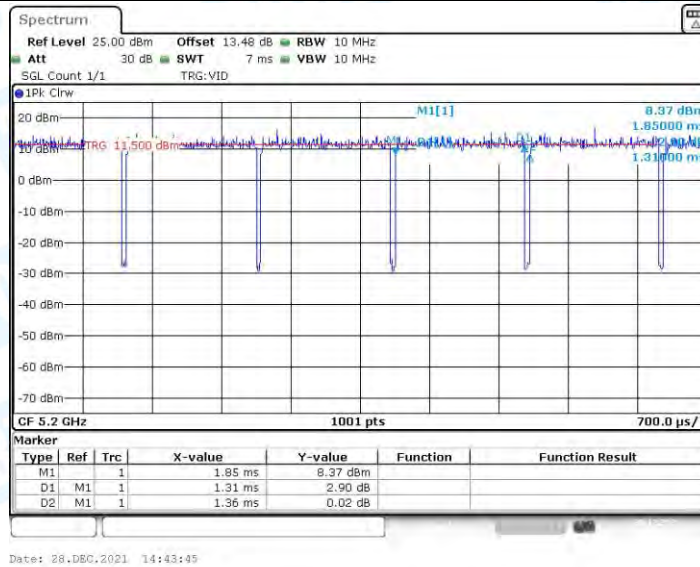
11N40SISO_Ant1_5755



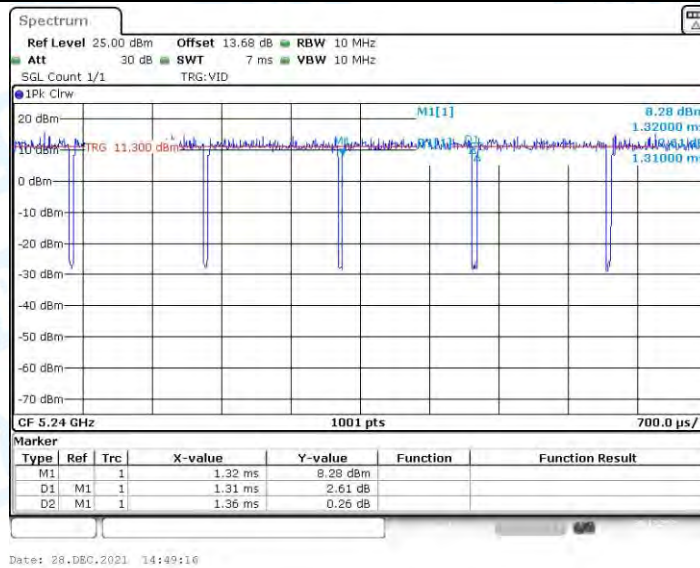
11N40SISO_Ant1_5795



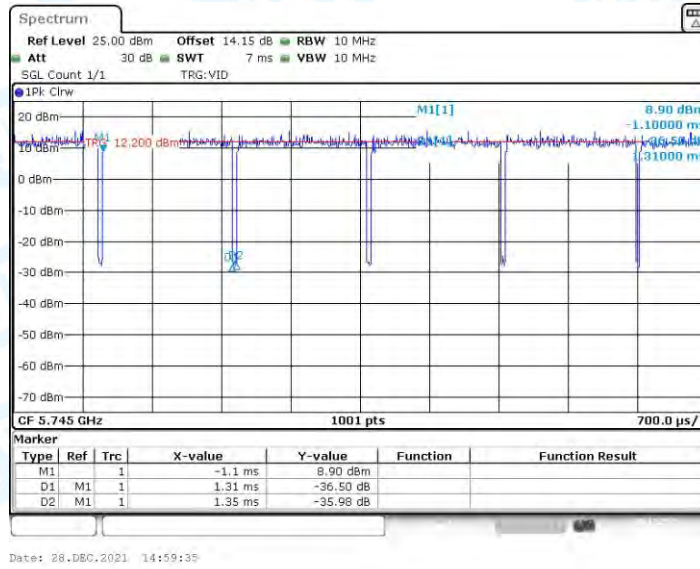
11AC20SISO_Ant1_5180



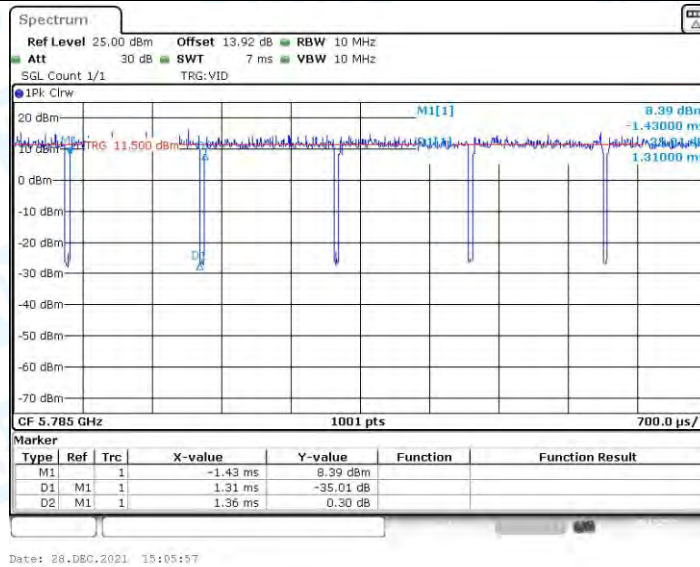
11AC20SISO_Ant1_5200



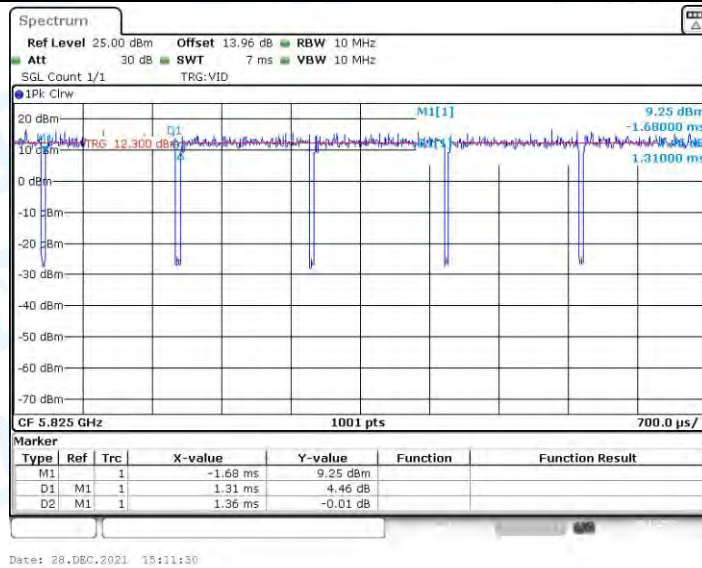
11AC20SISO_Ant1_5240



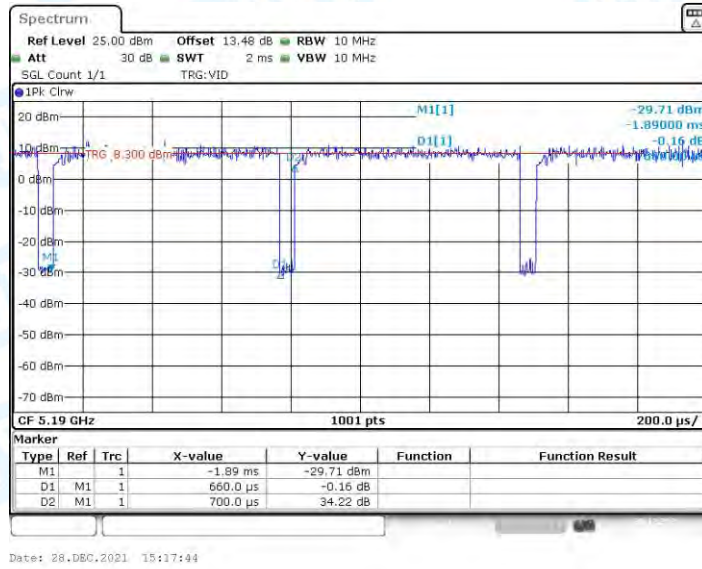
11AC20SISO_Ant1_5745



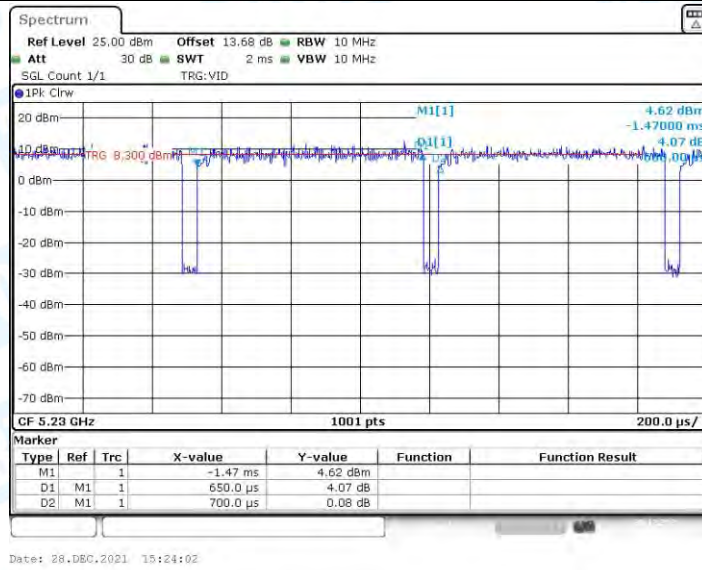
11AC20SISO_Ant1_5785



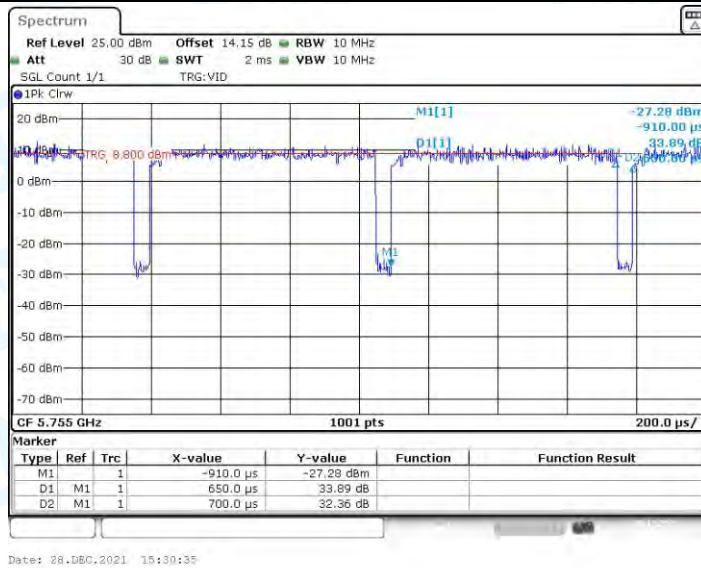
11AC20SISO_Ant1_5825



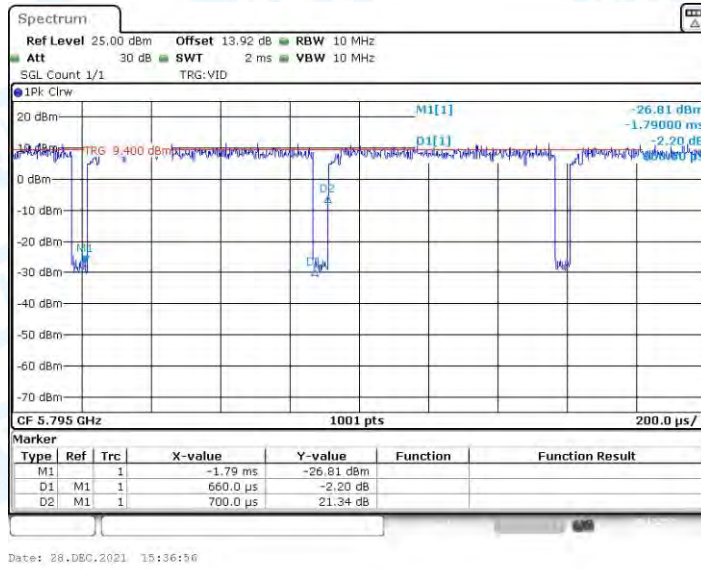
11AC40SISO_Ant1_5190



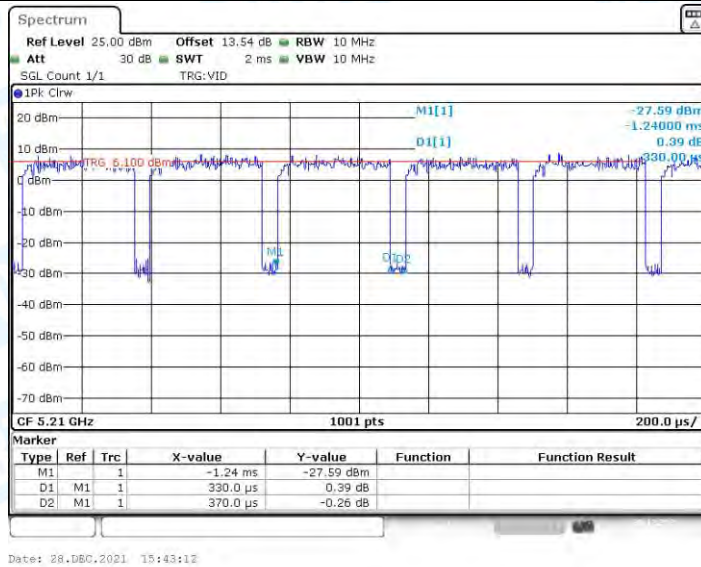
11AC40SISO_Ant1_5230



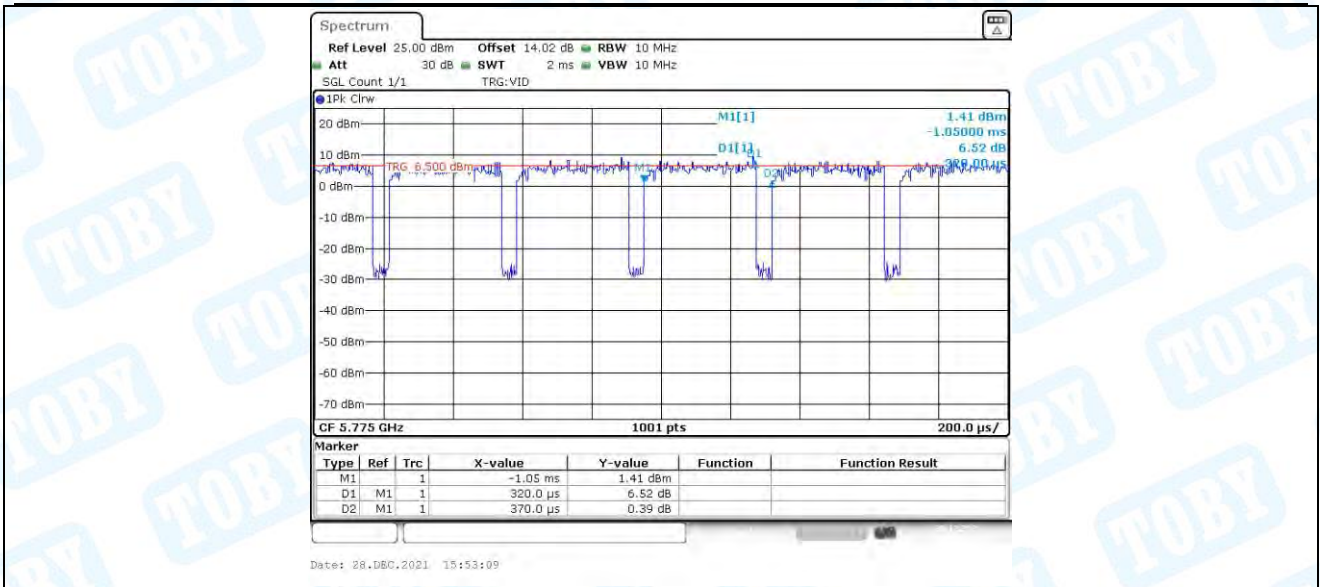
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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