

11N40SISO\_Ant1\_5795



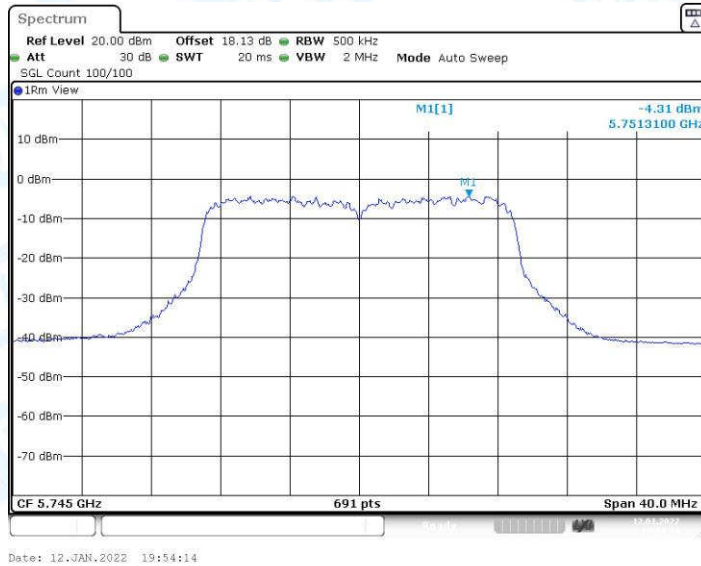
11AC20SISO\_Ant1\_5180



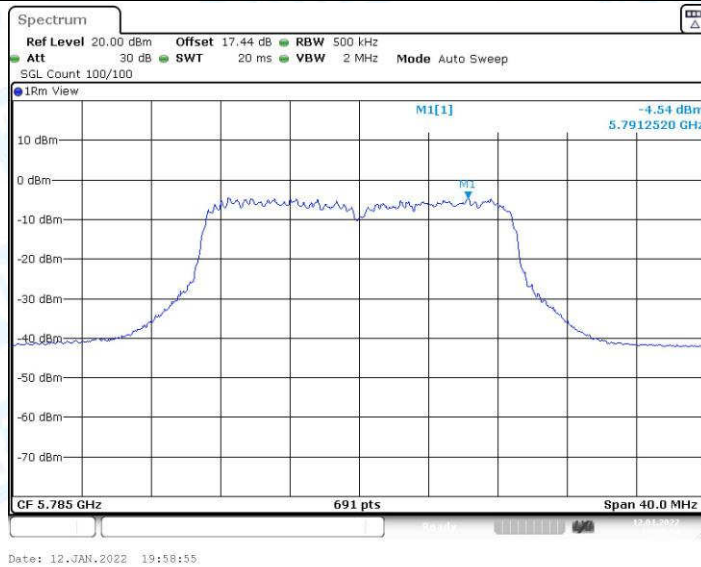
11AC20SISO\_Ant1\_5220



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745

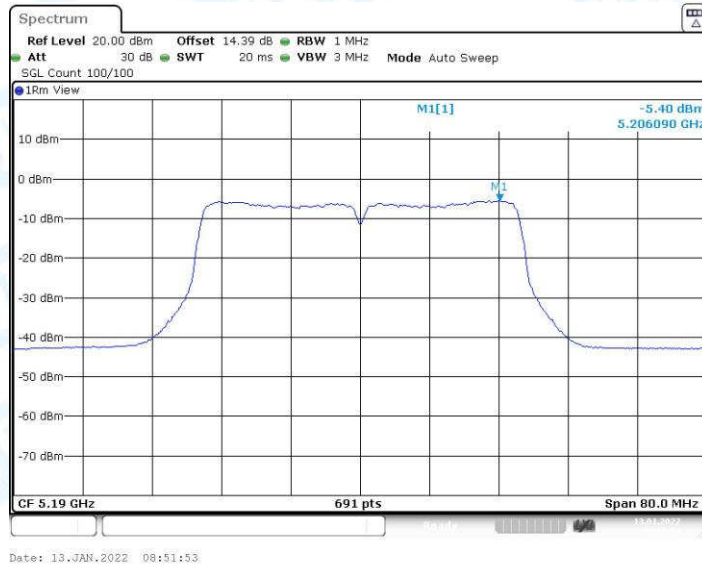


11AC20SISO\_Ant1\_5785





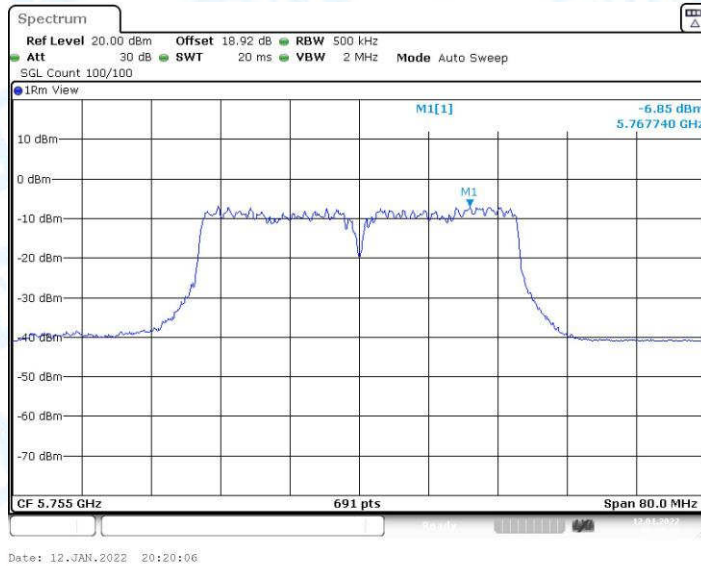
11AC20SISO\_Ant1\_5825



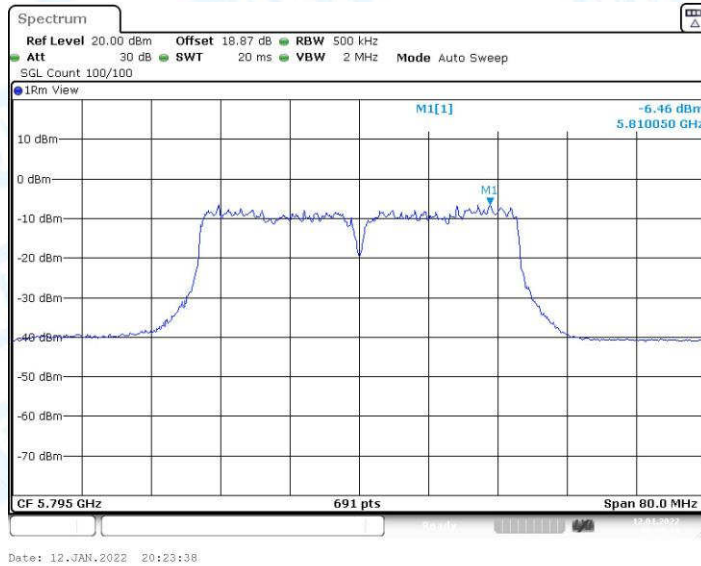
11AC40SISO\_Ant1\_5190



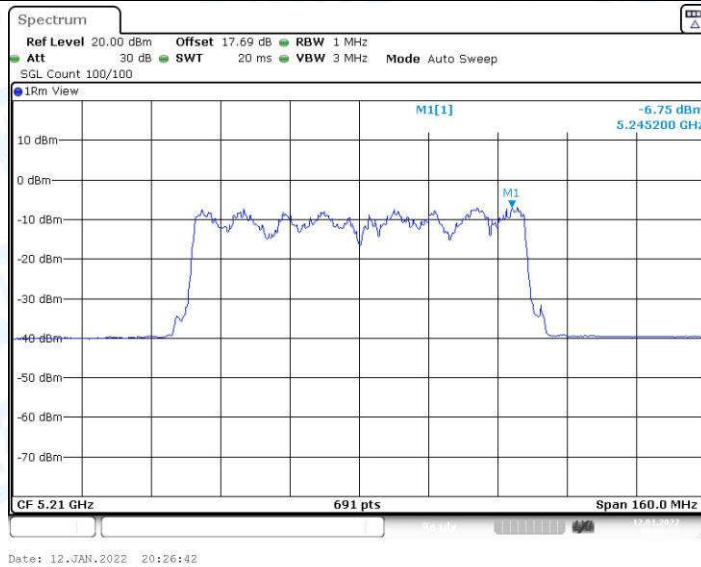
11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5755

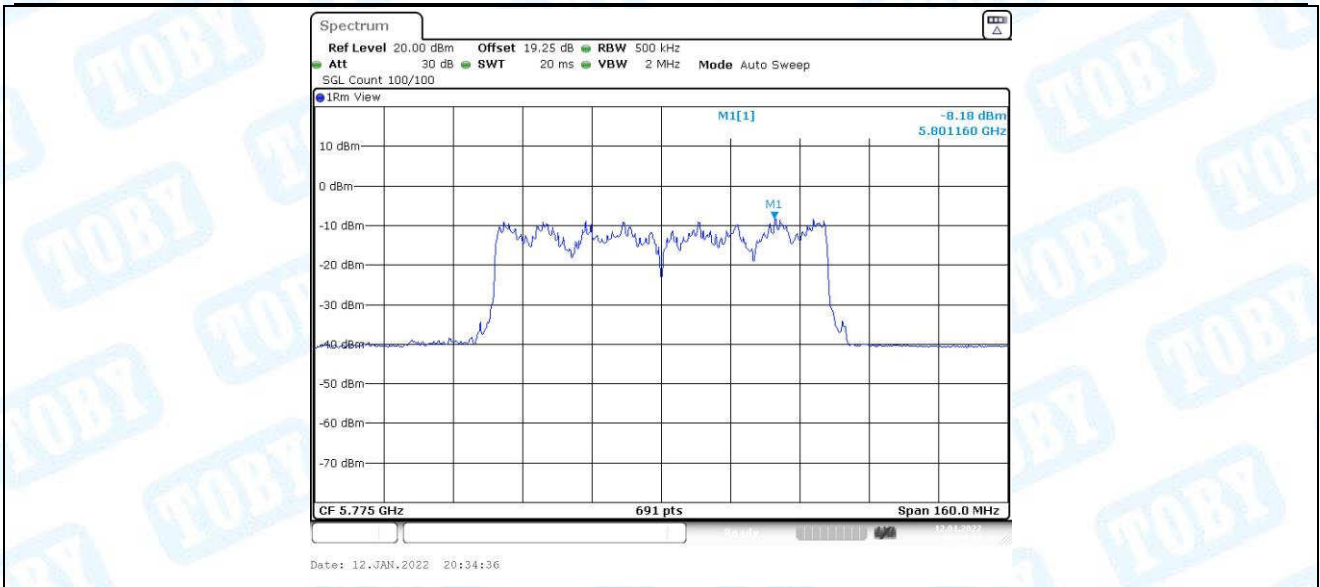


11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210





11AC80SISO\_Ant1\_5775

## 6. Band edge measurements

### 6.1. Test Result

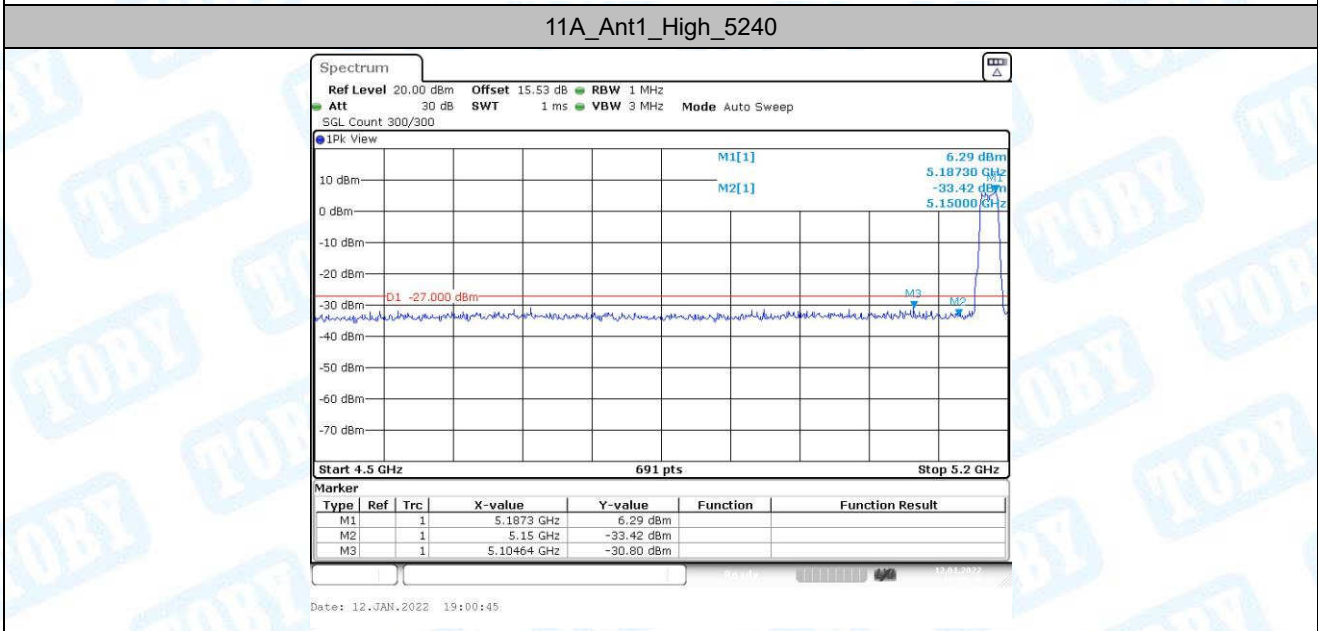
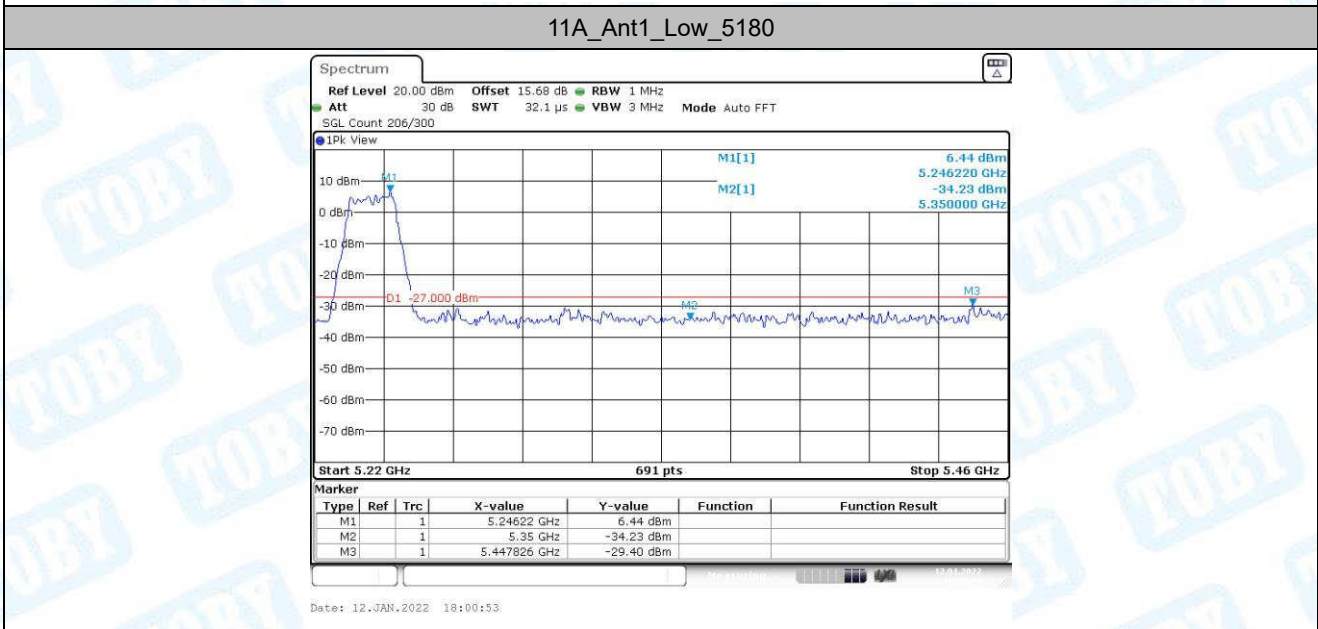
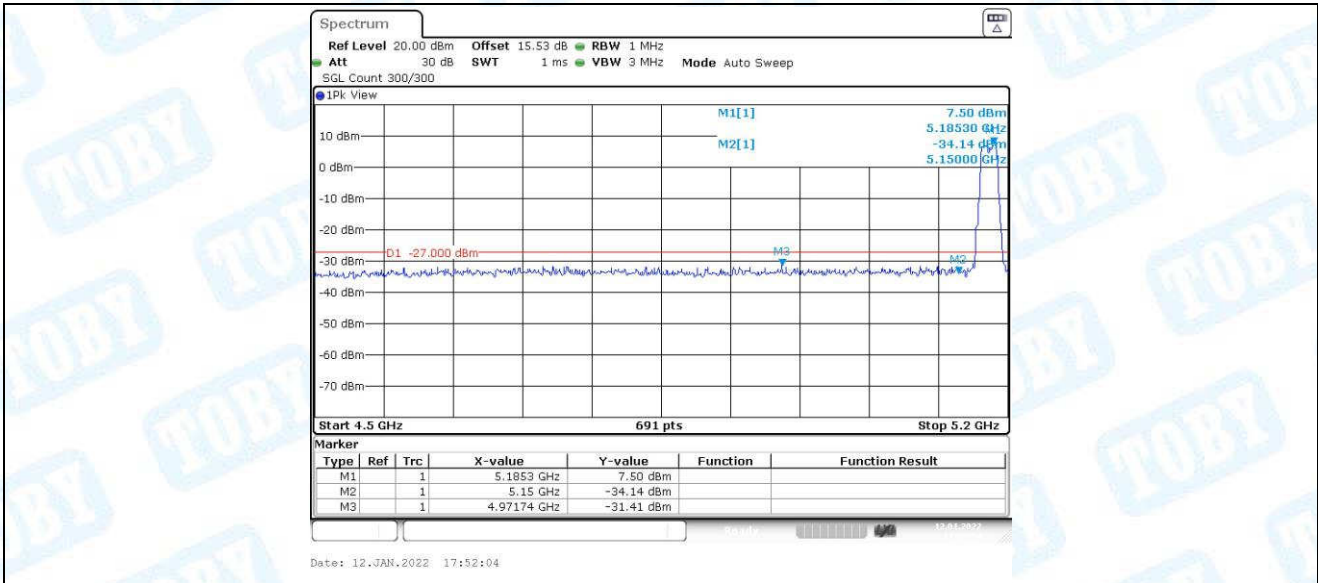
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-31.41	≤-27	PASS
		High	5240	-29.4	≤-27	PASS
11N20SISO	Ant1	Low	5180	-30.8	≤-27	PASS
		High	5240	-30.4	≤-27	PASS
11N40SISO	Ant1	Low	5190	-30.51	≤-27	PASS
		High	5230	-30.72	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-31.28	≤-27	PASS
		High	5240	-30.58	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-30.13	≤-27	PASS
		High	5230	-31.2	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-30.99	≤-27	PASS
		High	5210	-31.03	≤-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-32.01	≤-10.47	PASS
				5700~5720	-32.83	≤15.32	PASS
				5720~5725	-28.31	≤27.00	PASS
				5760~5650	-32.79	≤-27	PASS
		High	5825	5850~5855	-31.89	≤21.15	PASS
				5855~5875	-31.78	≤11.97	PASS
				5875~5925	-30.7	≤-13.44	PASS
				5925~5935	-32.03	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-32.32	≤-20.09	PASS
				5700~5720	-31.51	≤13.22	PASS
				5720~5725	-28.85	≤25.48	PASS
				5760~5650	-33.01	≤-27	PASS
		High	5825	5850~5855	-32.59	≤26.51	PASS
				5855~5875	-31.47	≤15.42	PASS
				5875~5925	-30.15	≤8.13	PASS
				5925~5935	-31.41	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-31.54	≤-8.84	PASS
				5700~5720	-26.93	≤15.36	PASS
				5720~5725	-27.32	≤18.57	PASS
				5780~5650	-31.73	≤-27	PASS
		High	5795	5850~5855	-32.23	≤19.67	PASS
				5855~5875	-30.59	≤14.19	PASS
				5875~5925	-31.03	≤4.84	PASS
				5925~5935	-31.05	≤-27	PASS
11AC20SIS	Ant1	Low	5745	5650~5700	-30.43	≤-23.18	PASS

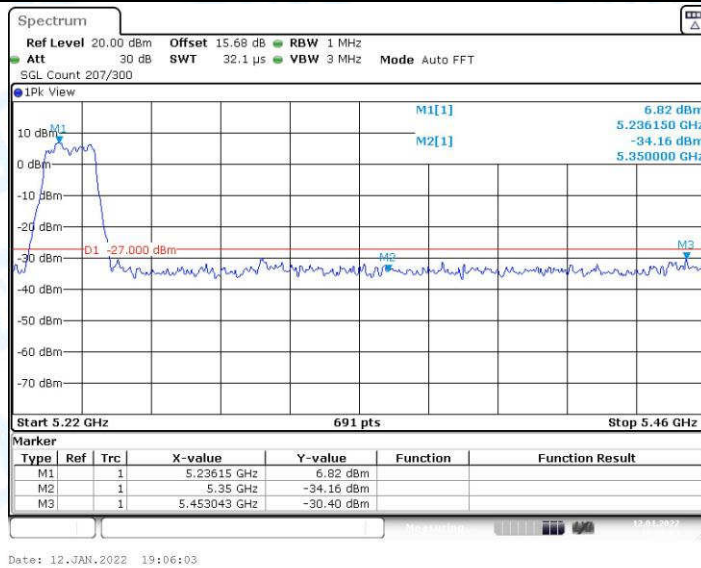


O		High	5825	5700~5720	-32.51	≤12.10	PASS
				5720~5725	-30.37	≤26.24	PASS
				5760~5650	-33.06	≤-27	PASS
				5850~5855	-32.12	≤18.48	PASS
				5855~5875	-31.53	≤14.43	PASS
				5875~5925	-31.03	≤-17.93	PASS
				5925~5935	-32.15	≤-27	PASS
11AC40SIS O	Ant1	Low	5755	5650~5700	-32.11	≤2.17	PASS
				5700~5720	-29.46	≤14.60	PASS
				5720~5725	-28.29	≤21.25	PASS
				5780~5650	-33.08	≤-27	PASS
		High	5795	5850~5855	-31.52	≤24.57	PASS
				5855~5875	-29.99	≤13.59	PASS
				5875~5925	-30.95	≤-14.45	PASS
				5925~5935	-31.21	≤-27	PASS
11AC80SIS O	Ant1	Low	5775	5650~5700	-29.62	≤1.71	PASS
				5700~5720	-28.74	≤15.04	PASS
				5720~5725	-28.68	≤24.37	PASS
				5800~5650	-32.9	≤-27	PASS
		High	5775	5850~5855	-31.97	≤21.73	PASS
				5855~5875	-30.37	≤12.73	PASS
				5875~5925	-31.7	≤8.27	PASS
				5925~5935	-32.33	≤-27	PASS

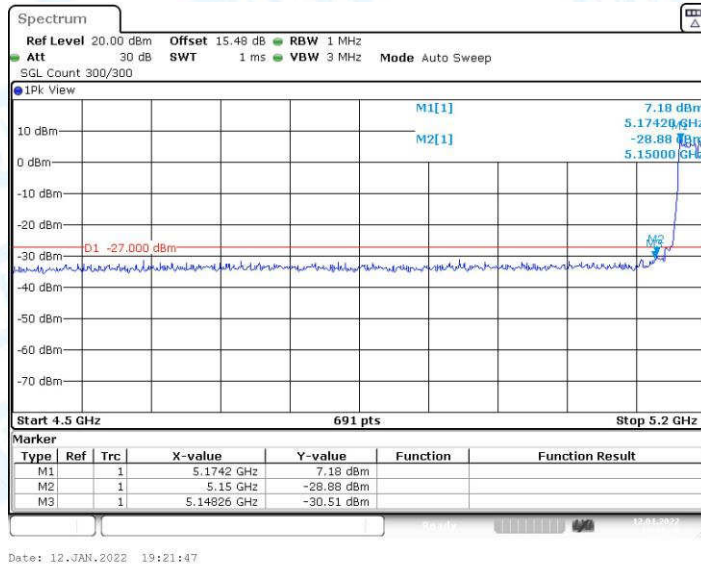
## 6.2. Test Graphs



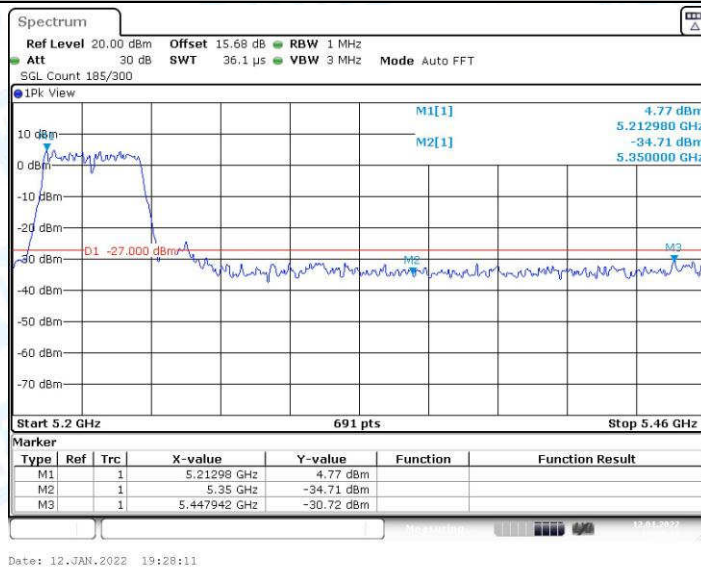




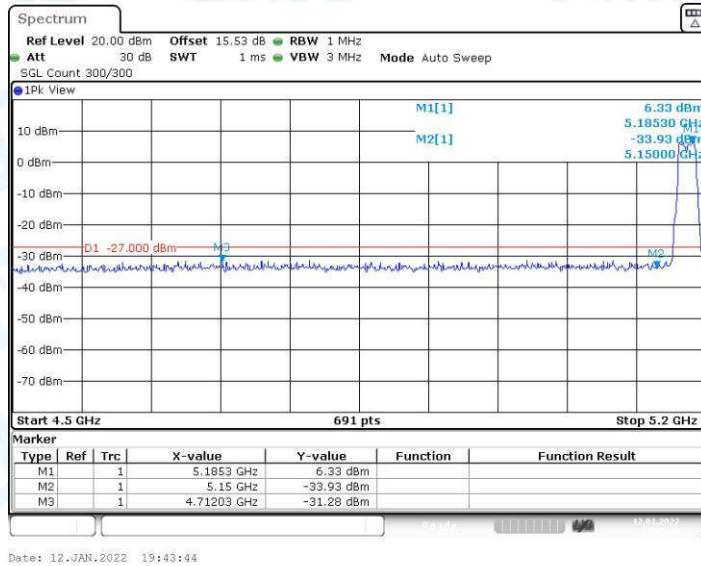
### 11N20SISO\_Ant1\_High\_5240



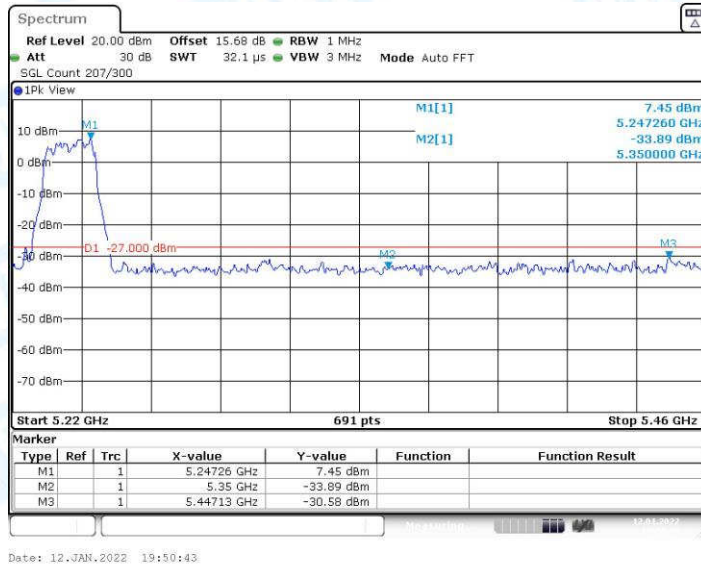
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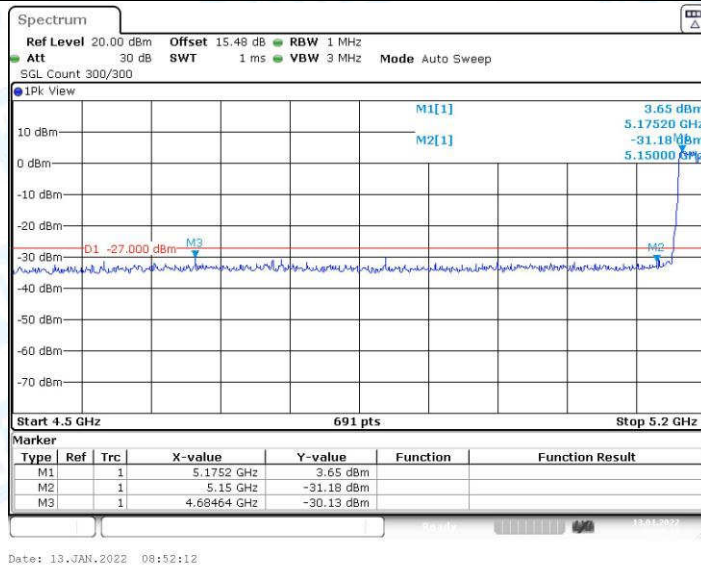
### 11N40SISO\_Ant1\_High\_5230



### 11AC20SISO\_Ant1\_Low\_5180

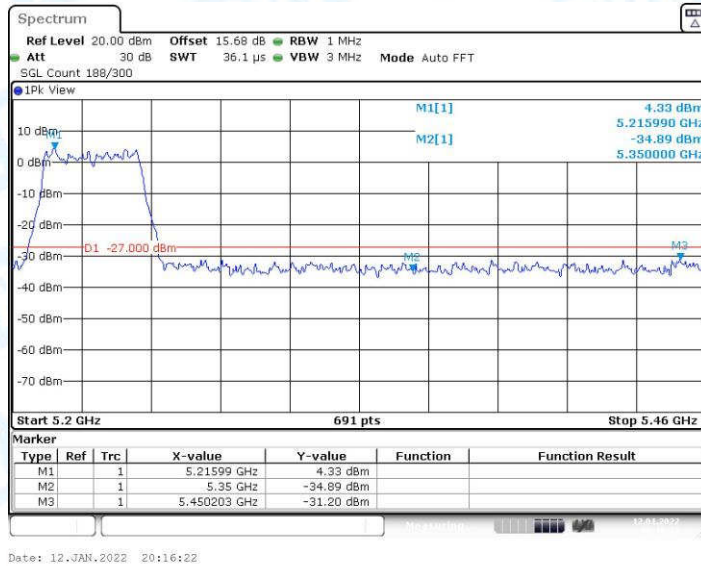


### 11AC20SISO\_Ant1\_High\_5240

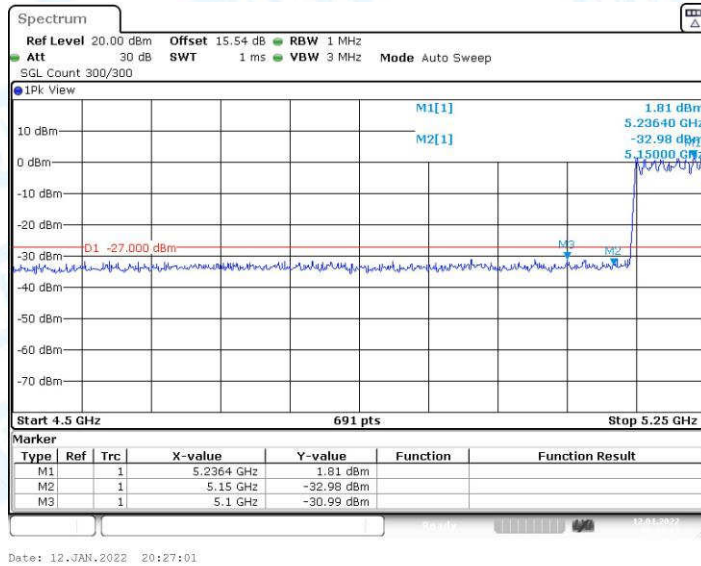


### 11AC40SISO\_Ant1\_Low\_5190

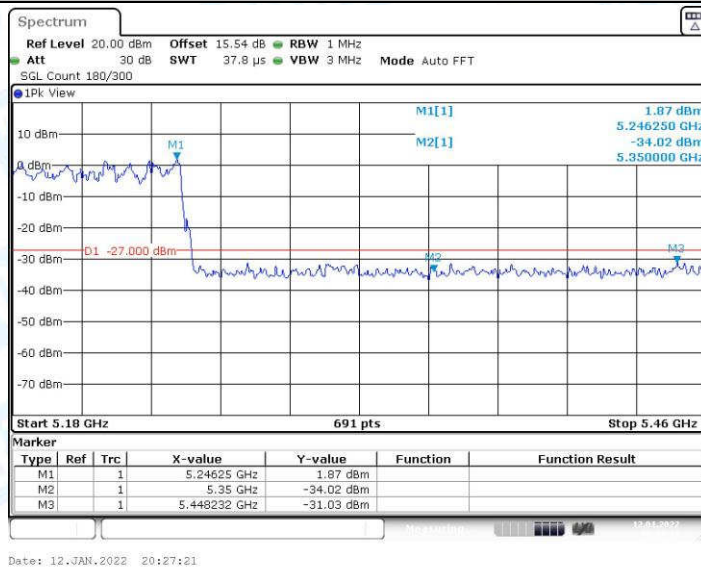




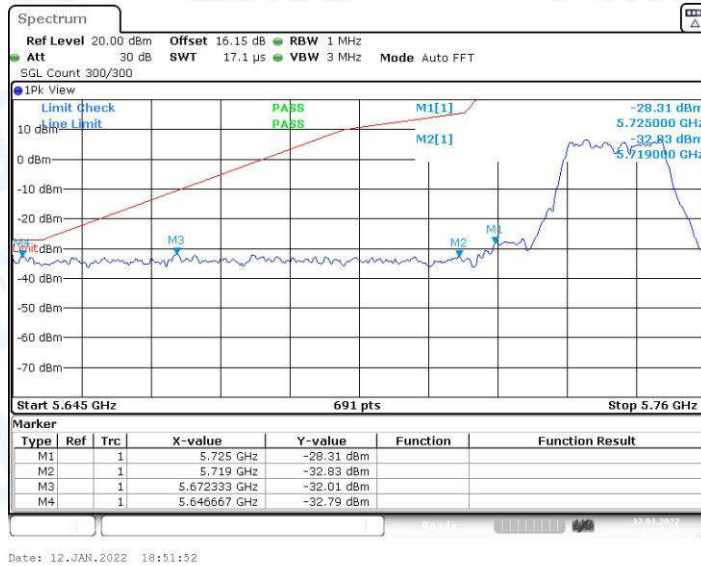
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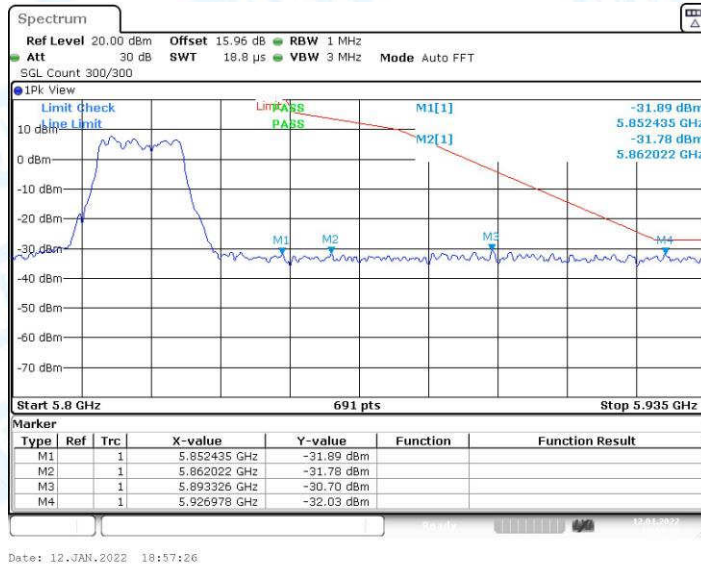
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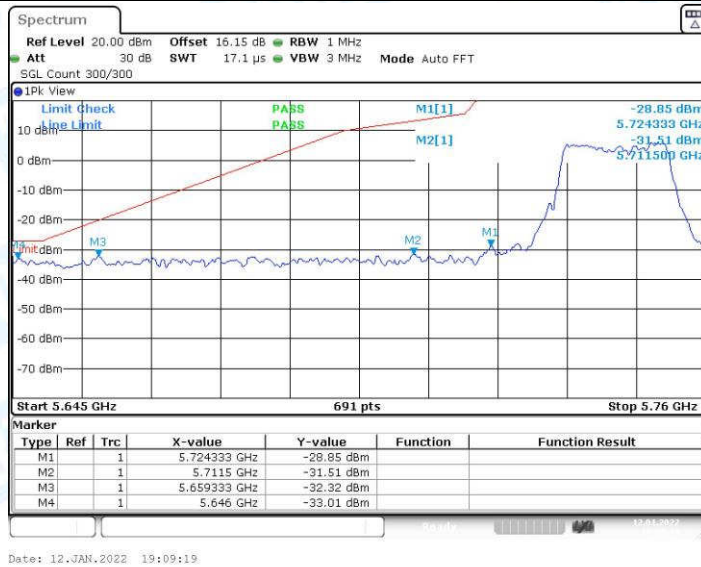
### 11AC80SISO\_Ant1\_High\_5210



11A\_Ant1\_Low\_5745

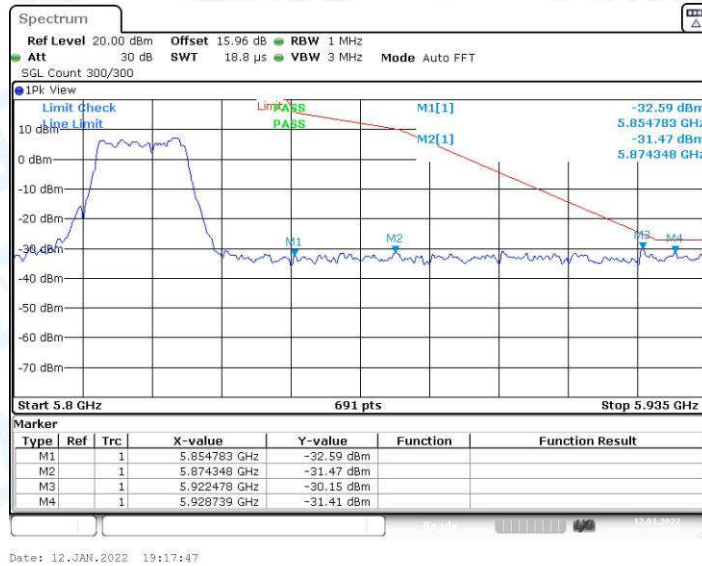


11A\_Ant1\_High\_5825

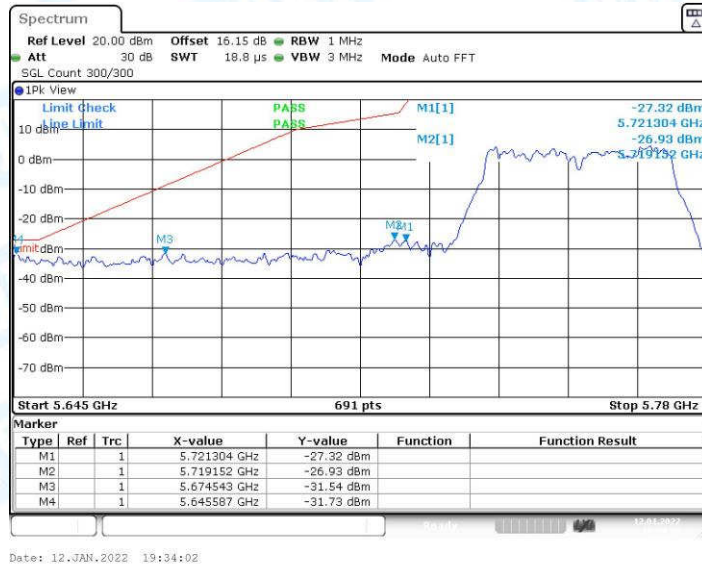


11N20SISO\_Ant1\_Low\_5745

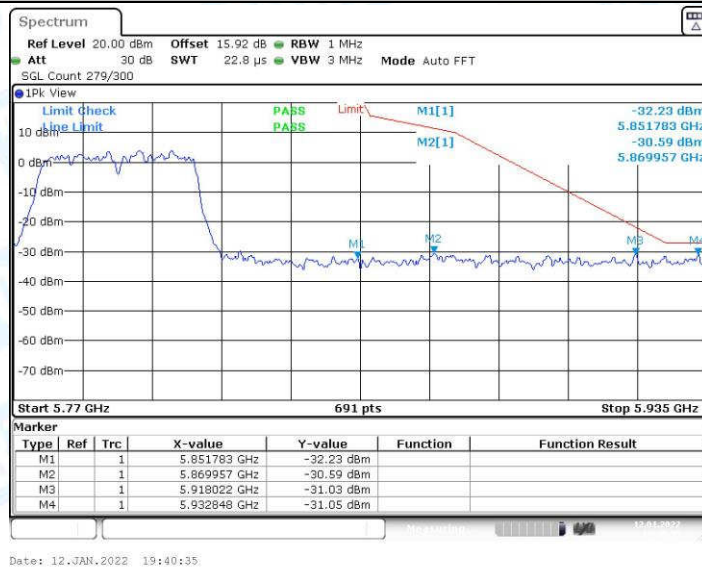




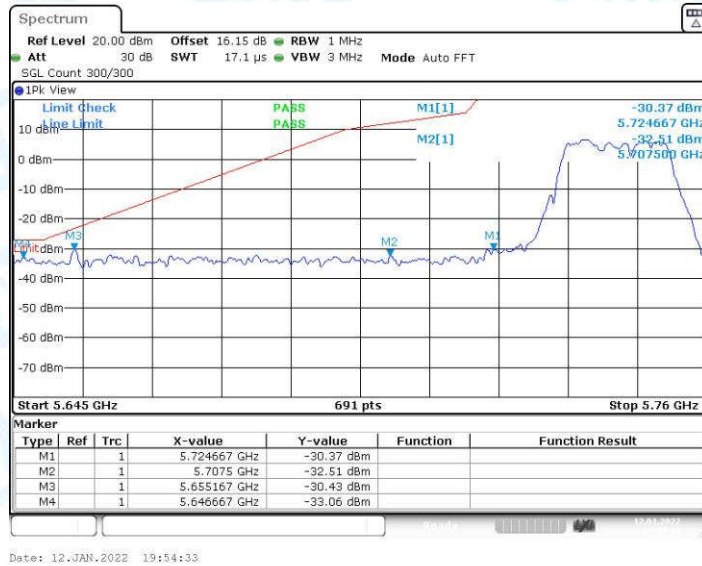
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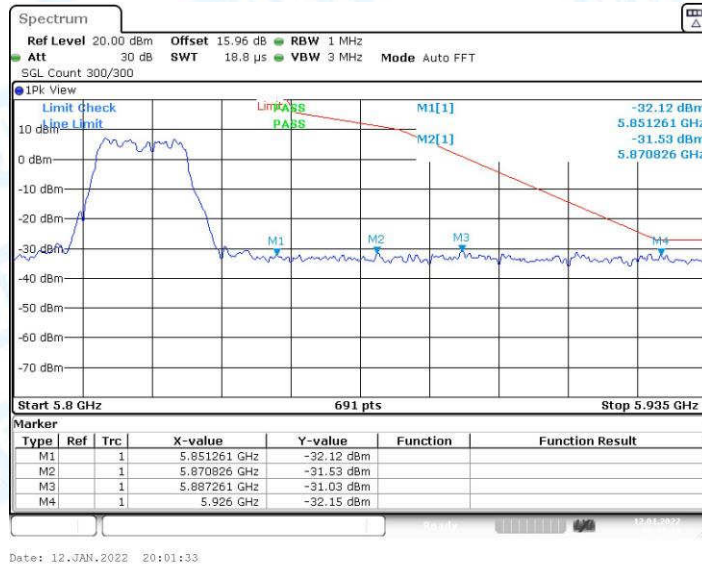
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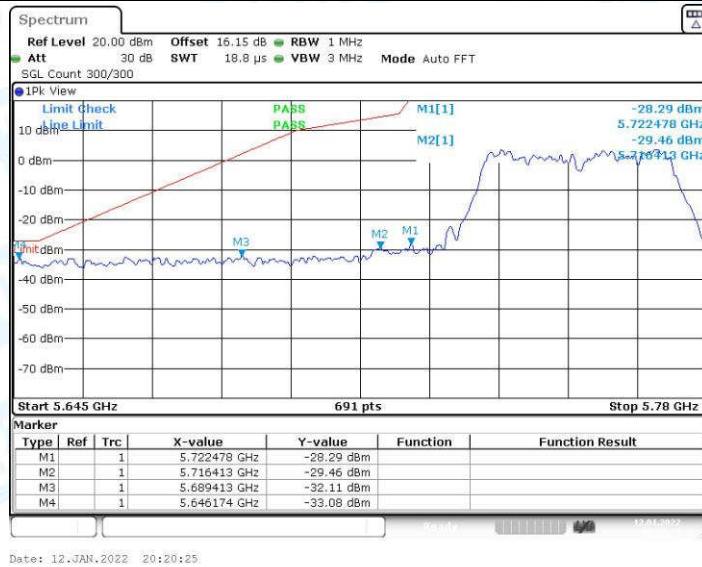
### 11N40SISO\_Ant1\_High\_5795



11AC20SISO\_Ant1\_Low\_5745

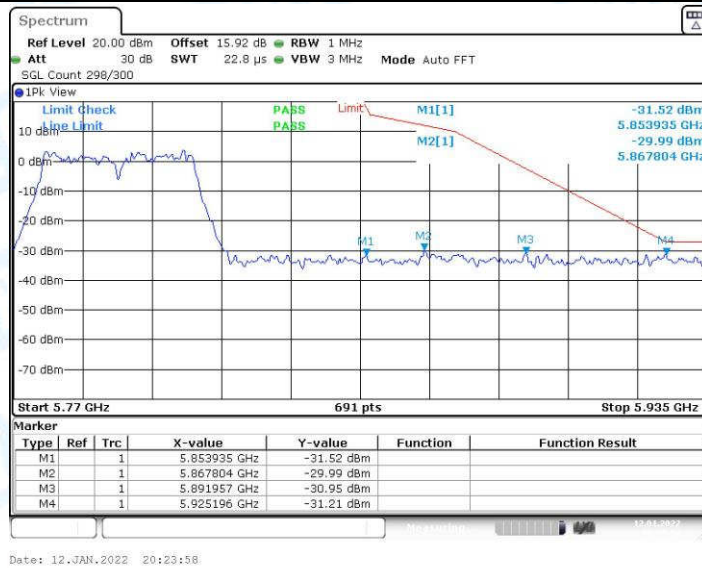


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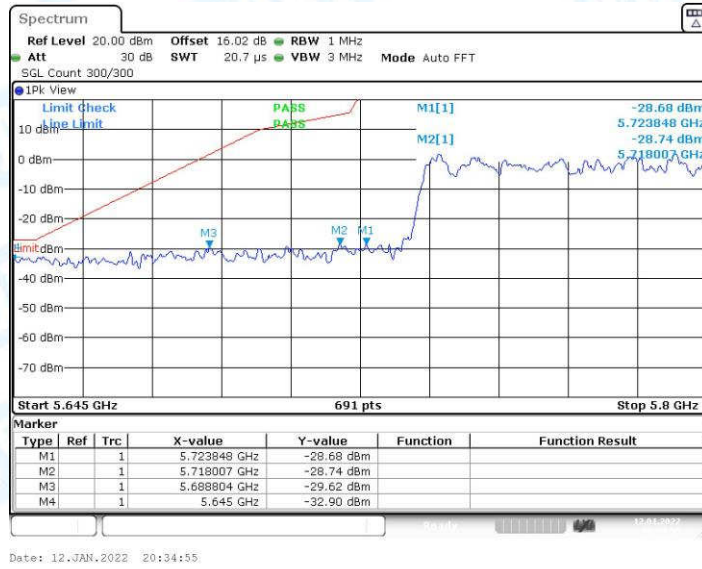


11AC40SISO\_Ant1\_Low\_5755

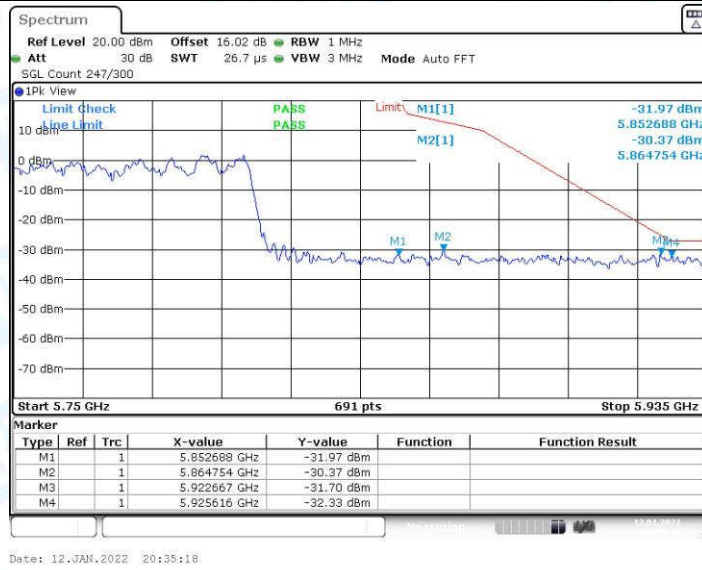




11AC40SISO\_Ant1\_High\_5795



11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_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	-54.13	≤-41.20	PASS
				AV	5032.609	-50.18	≤-41.20	PASS
				AV	5150.000	-52.75	≤-41.20	PASS
				Peak	4500.000	-43.53	≤-21.20	PASS
				Peak	4962.609	-41.53	≤-21.20	PASS
				Peak	5150.000	-42.57	≤-21.20	PASS
		High	5240	AV	5350.000	-51.46	≤-41.20	PASS
				AV	5447.826	-49.43	≤-41.20	PASS
				AV	5460.000	-50.94	≤-41.20	PASS
				Peak	5350.000	-42.68	≤-21.20	PASS
				Peak	5362.261	-39.74	≤-21.20	PASS
				Peak	5460.000	-43.43	≤-21.20	PASS
		Low	5745	Peak	5650.000	-43.37	≤-27.00	PASS
				Peak	5700.000	-42.98	≤10.00	PASS
				Peak	5720.000	-41.09	≤15.60	PASS
				Peak	5725.000	-33.79	≤27.00	PASS
		High	5825	Peak	5850.000	-44.14	≤27.00	PASS
				Peak	5855.000	-42.76	≤15.60	PASS
				Peak	5875.000	-42.69	≤10.00	PASS
				Peak	5925.000	-43.31	≤-27.00	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-53.74	≤-41.20	PASS
				AV	5032.609	-50.18	≤-41.20	PASS
				AV	5150.000	-52.65	≤-41.20	PASS
				Peak	4500.000	-42.5	≤-21.20	PASS
				Peak	5038.696	-40.81	≤-21.20	PASS
				Peak	5150.000	-42.89	≤-21.20	PASS
		High	5240	AV	5350.000	-51.99	≤-41.20	PASS
				AV	5447.478	-49.59	≤-41.20	PASS
				AV	5460.000	-51.35	≤-41.20	PASS
				Peak	5350.000	-43.21	≤-21.20	PASS
				Peak	5446.783	-40.32	≤-21.20	PASS
				Peak	5460.000	-43.35	≤-21.20	PASS
		Low	5745	Peak	5650.000	-44.52	≤-27.00	PASS
				Peak	5700.000	-44.39	≤10.00	PASS
				Peak	5720.000	-39.64	≤15.60	PASS
				Peak	5725.000	-33.33	≤27.00	PASS
		High	5825	Peak	5850.000	-43.8	≤27.00	PASS
				Peak	5855.000	-42.84	≤15.60	PASS
				Peak	5875.000	-42.71	≤10.00	PASS
				Peak	5925.000	-41.24	≤-27.00	PASS



11N40SISO	Ant1	Low	5190	AV	4500.000	-52.9	≤-41.20	PASS
				AV	5149.275	-44.07	≤-41.20	PASS
				AV	5150.000	-44.33	≤-41.20	PASS
				Peak	4500.000	-44.52	≤-21.20	PASS
				Peak	5148.261	-32.14	≤-21.20	PASS
				Peak	5150.000	-33.09	≤-21.20	PASS
		High	5230	AV	5350.000	-50.99	≤-41.20	PASS
				AV	5453.971	-49.06	≤-41.20	PASS
				AV	5460.000	-50.04	≤-41.20	PASS
				Peak	5350.000	-44.54	≤-21.20	PASS
				Peak	5447.565	-40.36	≤-21.20	PASS
				Peak	5460.000	-43.14	≤-21.20	PASS
		Low	5755	Peak	5650.000	-43.31	≤-27.00	PASS
				Peak	5700.000	-33.84	≤10.00	PASS
				Peak	5720.000	-30.99	≤15.60	PASS
				Peak	5725.000	-30.91	≤27.00	PASS
		High	5795	Peak	5850.000	-41.96	≤27.00	PASS
				Peak	5855.000	-42.13	≤15.60	PASS
Peak	5875.000			-42.16	≤10.00	PASS		
Peak	5925.000			-42.8	≤-27.00	PASS		
11AC20SIS O	Ant1	Low	5180	AV	4500.000	-53.91	≤-41.20	PASS
				AV	4893.623	-50.15	≤-41.20	PASS
				AV	5150.000	-52.46	≤-41.20	PASS
				Peak	4500.000	-42.92	≤-21.20	PASS
				Peak	4967.681	-40.13	≤-21.20	PASS
				Peak	5150.000	-42.54	≤-21.20	PASS
		High	5240	AV	5350.000	-51.29	≤-41.20	PASS
				AV	5448.870	-49.72	≤-41.20	PASS
				AV	5460.000	-51.44	≤-41.20	PASS
				Peak	5350.000	-43.95	≤-21.20	PASS
				Peak	5457.565	-40.96	≤-21.20	PASS
				Peak	5460.000	-42.99	≤-21.20	PASS
		Low	5745	Peak	5650.000	-44.92	≤-27.00	PASS
				Peak	5700.000	-43.08	≤10.00	PASS
				Peak	5720.000	-41.3	≤15.60	PASS
				Peak	5725.000	-31.82	≤27.00	PASS
		High	5825	Peak	5850.000	-42.14	≤27.00	PASS
				Peak	5855.000	-42.97	≤15.60	PASS
Peak	5875.000			-43.03	≤10.00	PASS		
Peak	5925.000			-43.88	≤-27.00	PASS		
11AC40SIS O	Ant1	Low	5190	AV	4500.000	-54.98	≤-41.20	PASS
				AV	5149.275	-50.36	≤-41.20	PASS
				AV	5150.000	-50.84	≤-41.20	PASS
				Peak	4500.000	-44.3	≤-21.20	PASS
				Peak	5148.261	-39.27	≤-21.20	PASS
				Peak	5150.000	-38.03	≤-21.20	PASS

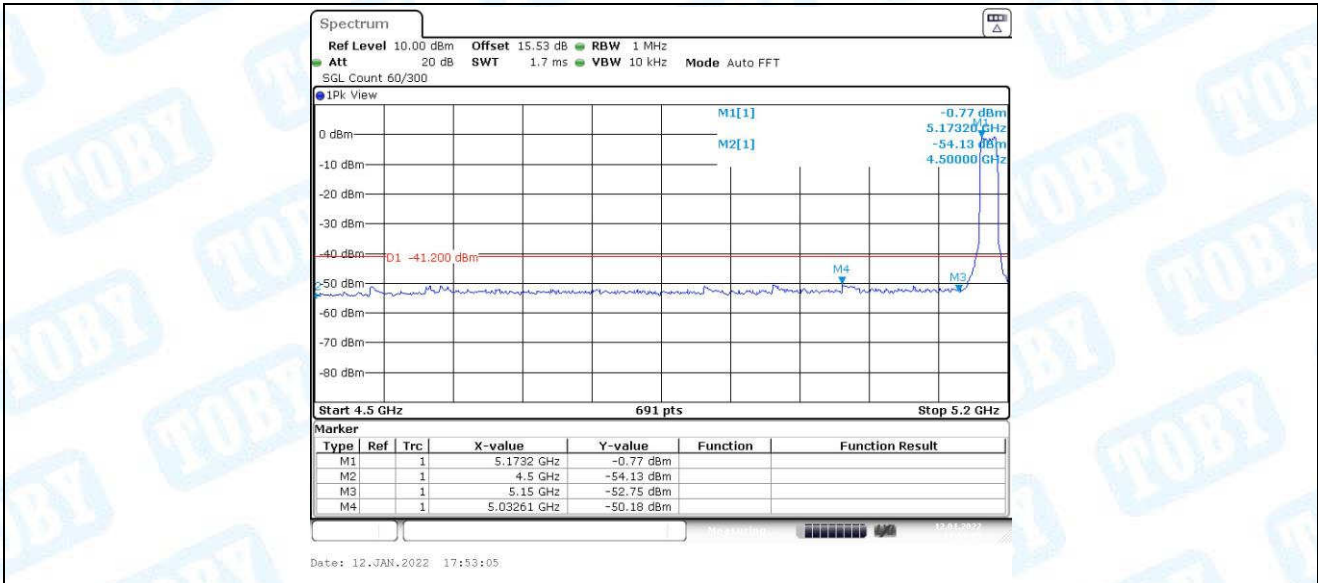
		High	5230	AV	5350.000	-51.12	≤-41.20	PASS		
				AV	5448.696	-48.28	≤-41.20	PASS		
				AV	5460.000	-51.02	≤-41.20	PASS		
				Peak	5350.000	-43.14	≤-21.20	PASS		
				Peak	5387.275	-40.67	≤-21.20	PASS		
				Peak	5460.000	-43.66	≤-21.20	PASS		
		Low	5755	Peak	5650.000	-44.13	≤-27.00	PASS		
				Peak	5700.000	-39	≤10.00	PASS		
				Peak	5720.000	-29.88	≤15.60	PASS		
				Peak	5725.000	-32.06	≤27.00	PASS		
		High	5795	Peak	5850.000	-41.41	≤27.00	PASS		
				Peak	5855.000	-43.48	≤15.60	PASS		
				Peak	5875.000	-41.8	≤10.00	PASS		
				Peak	5925.000	-42.25	≤-27.00	PASS		
		11AC80SIS O	Ant1	Low	5210	AV	4500.000	-54.31	≤-41.20	PASS
						AV	5142.391	-48.95	≤-41.20	PASS
AV	5150.000					-51.16	≤-41.20	PASS		
Peak	4500.000					-44.59	≤-21.20	PASS		
Peak	5148.913					-37.69	≤-21.20	PASS		
Peak	5150.000					-39.25	≤-21.20	PASS		
High	5210			AV	5350.000	-52.15	≤-41.20	PASS		
				AV	5448.232	-50.3	≤-41.20	PASS		
				AV	5460.000	-52.65	≤-41.20	PASS		
				Peak	5350.000	-42.09	≤-21.20	PASS		
				Peak	5377.623	-40.17	≤-21.20	PASS		
				Peak	5460.000	-43.5	≤-21.20	PASS		
Low	5775			Peak	5650.000	-42.26	≤-27.00	PASS		
				Peak	5700.000	-34.97	≤10.00	PASS		
				Peak	5720.000	-30.61	≤15.60	PASS		
				Peak	5725.000	-33.62	≤27.00	PASS		
High	5775			Peak	5850.000	-41.54	≤27.00	PASS		
				Peak	5855.000	-38.71	≤15.60	PASS		
				Peak	5875.000	-43.98	≤10.00	PASS		
				Peak	5925.000	-43.45	≤-27.00	PASS		

Note:

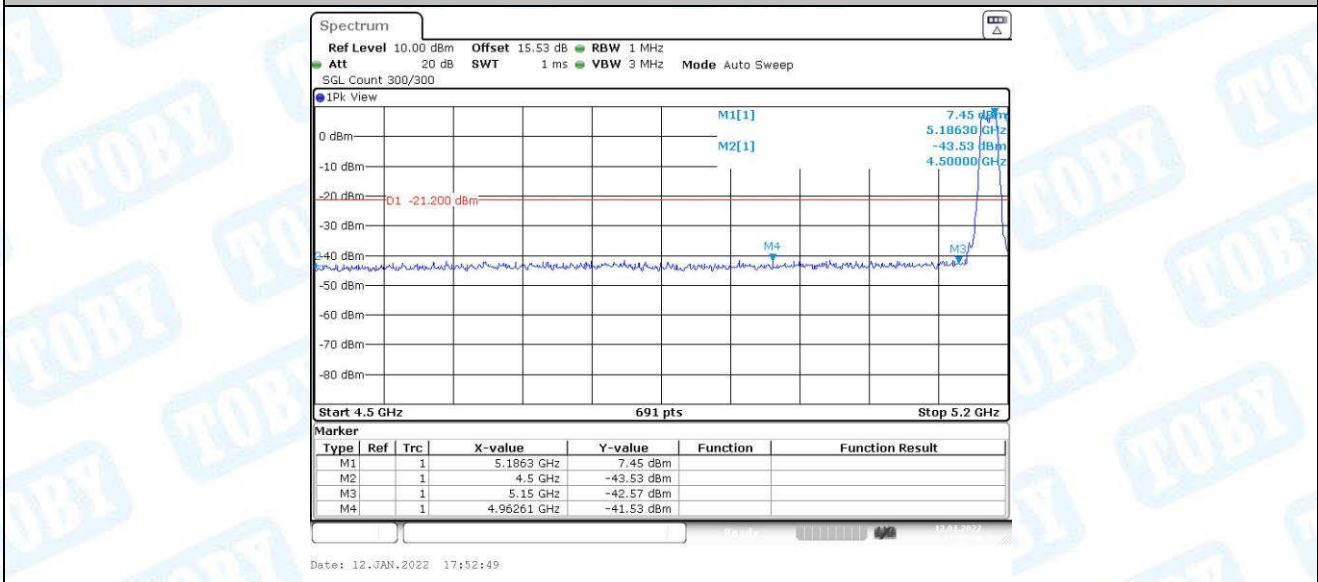
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



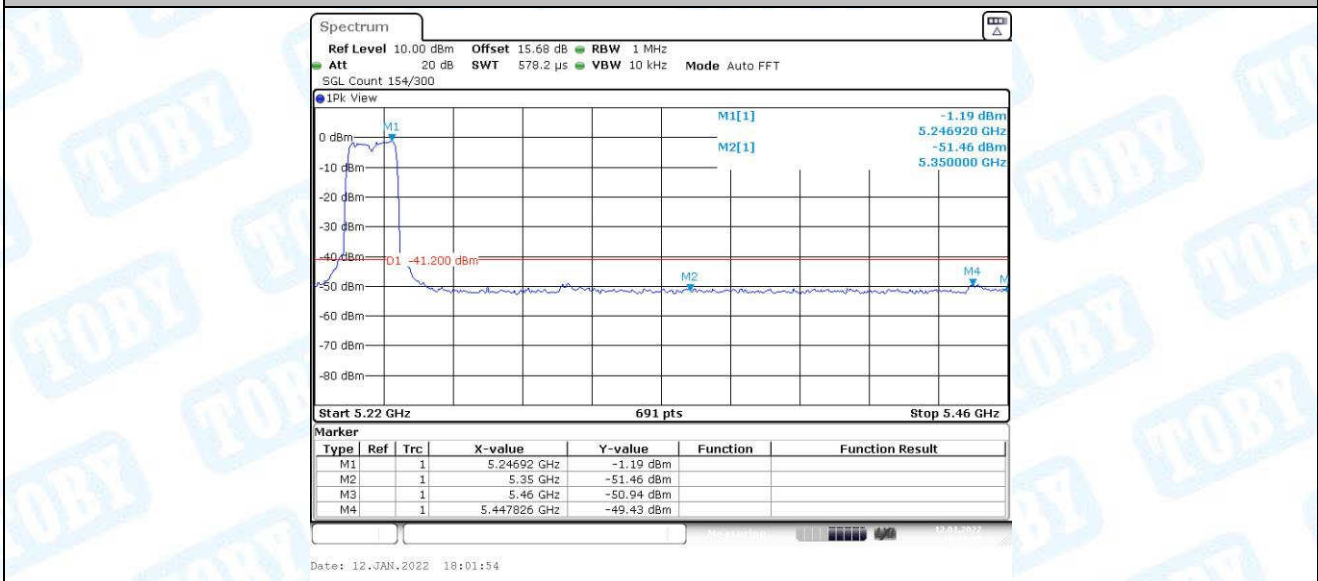
## 7.2. Test Graphs



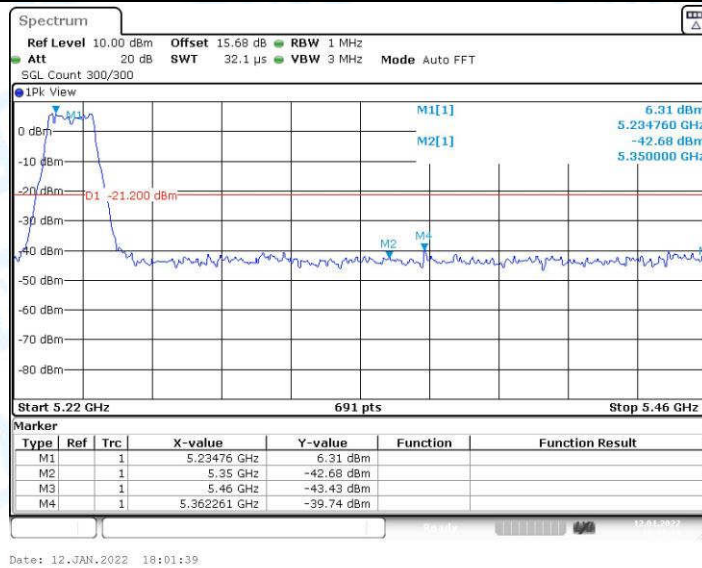
11A\_Ant1\_Low\_5180\_AV



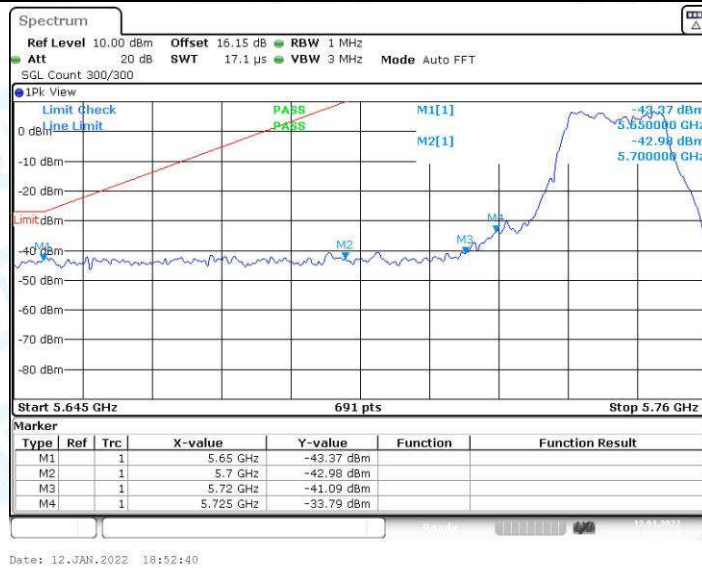
11A\_Ant1\_Low\_5180\_Peak



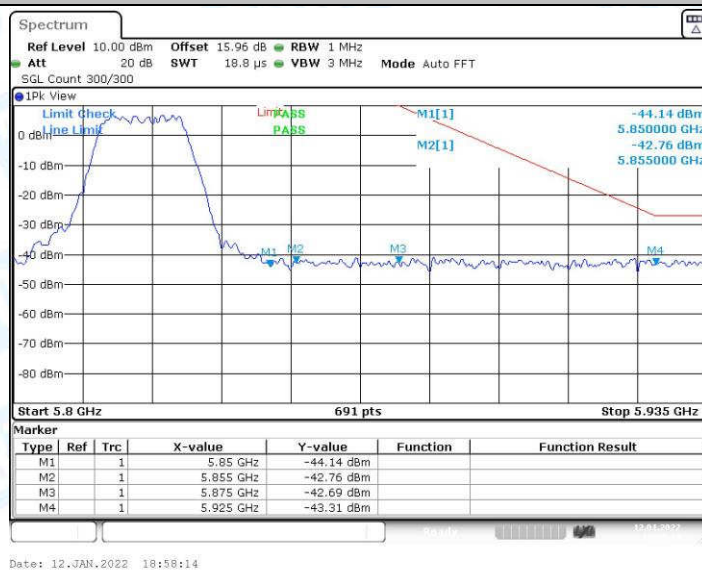
11A\_Ant1\_High\_5240\_AV



11A\_Ant1\_High\_5240\_Peak

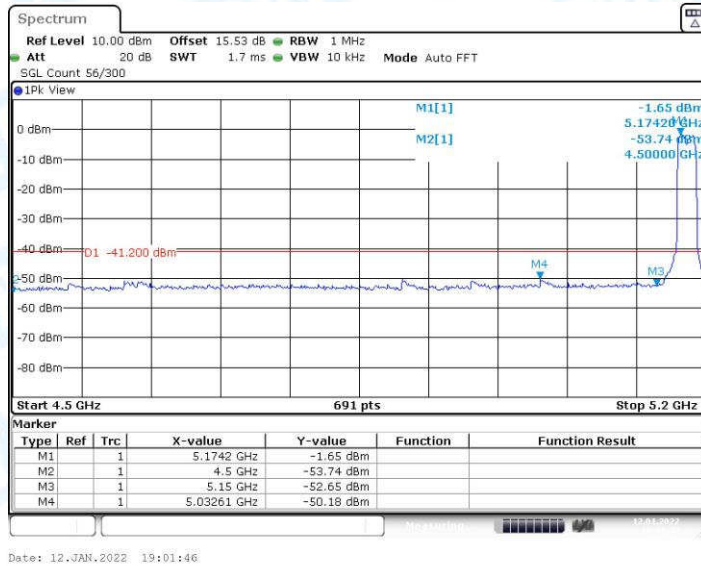


11A\_Ant1\_Low\_5745\_Peak

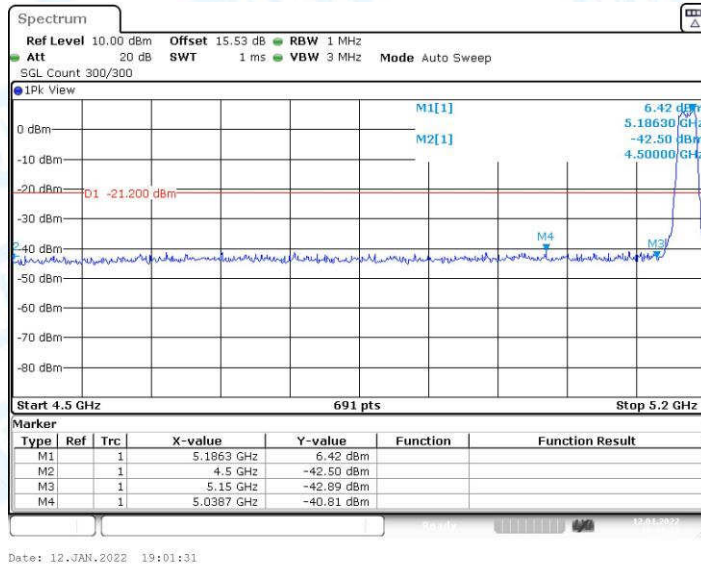


11A\_Ant1\_High\_5825\_Peak

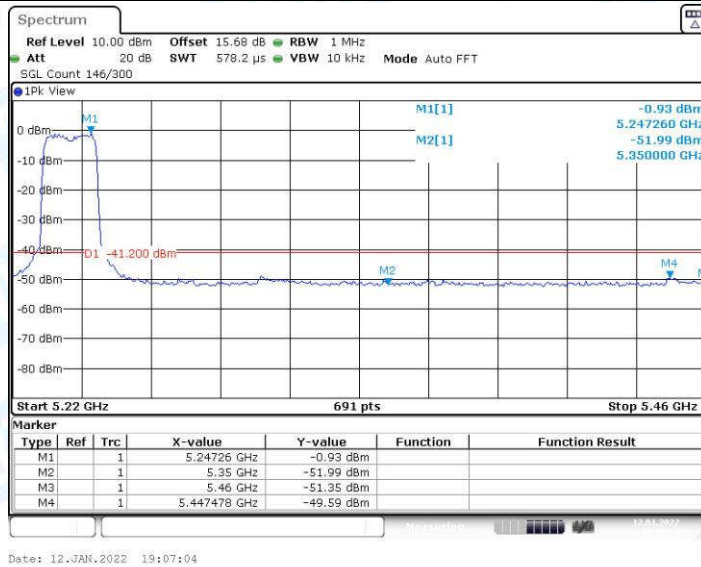




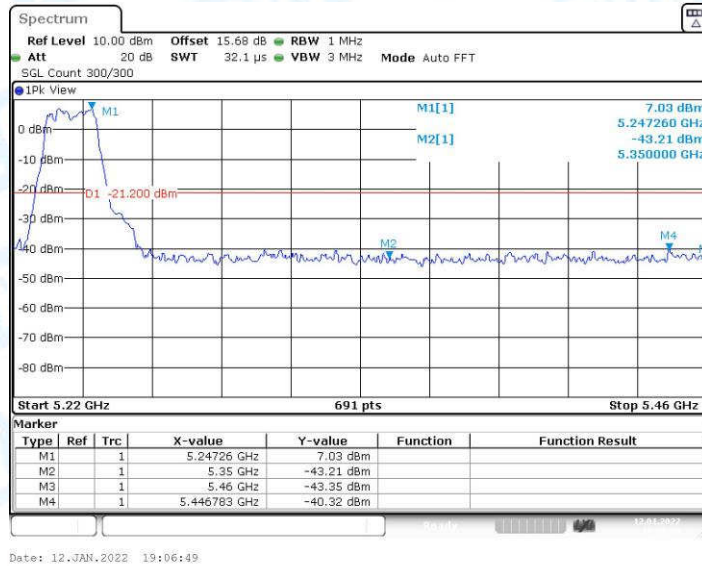
### 11N20SISO\_Ant1\_Low\_5180\_AV



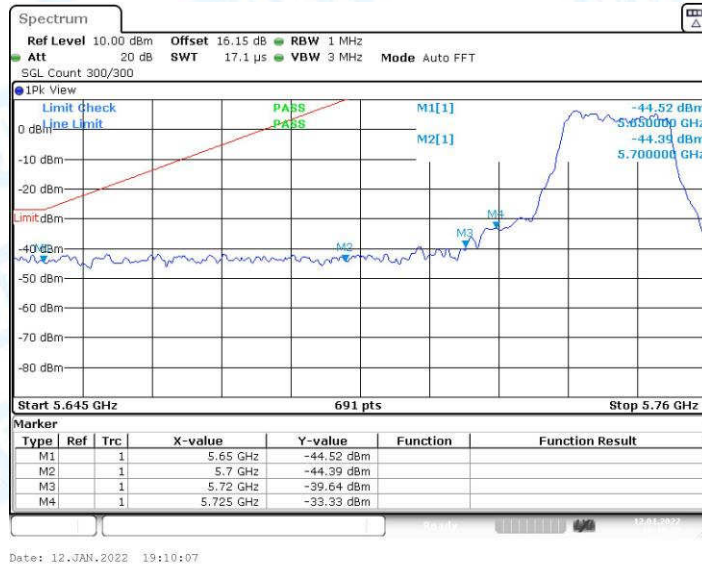
### 11N20SISO\_Ant1\_Low\_5180\_Peak



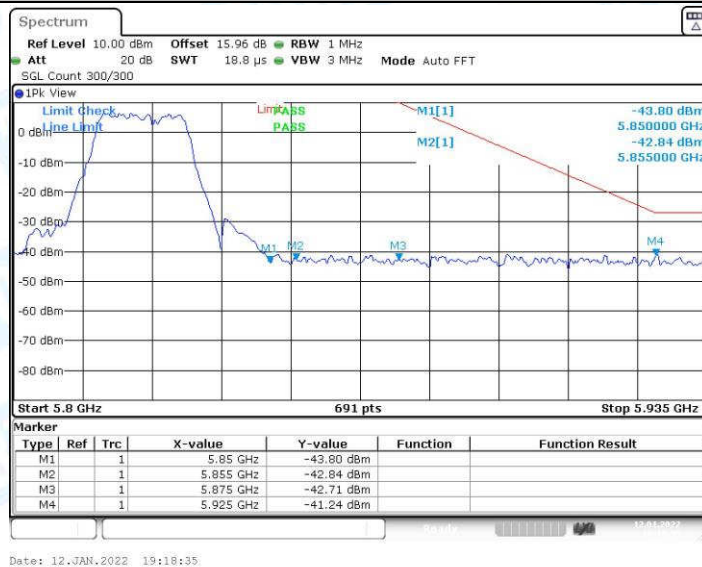
### 11N20SISO\_Ant1\_High\_5240\_AV



11N20SISO\_Ant1\_High\_5240\_Peak

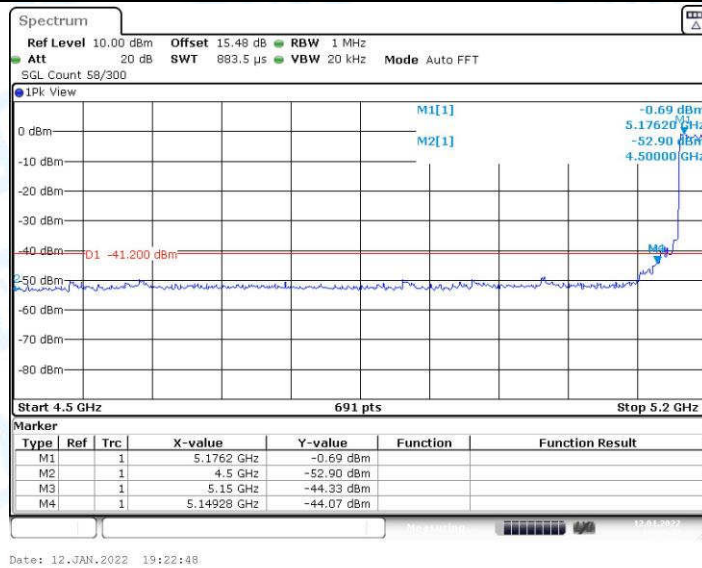


11N20SISO\_Ant1\_Low\_5745\_Peak

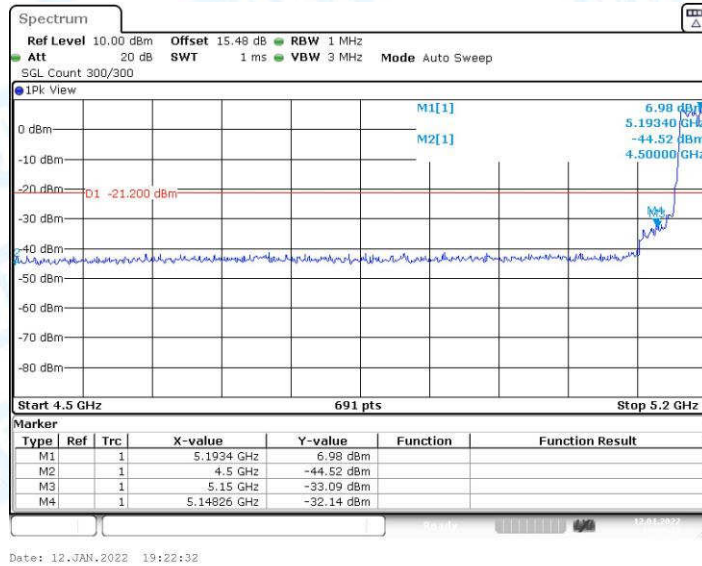


11N20SISO\_Ant1\_High\_5825\_Peak

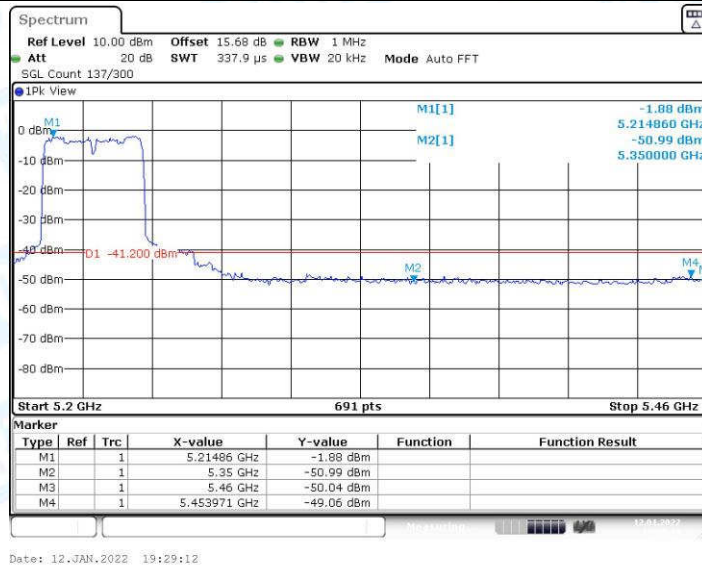




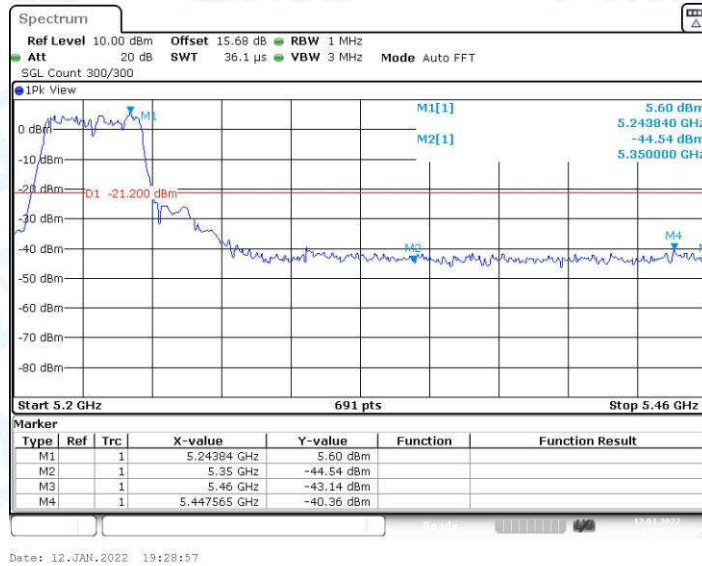
### 11N40SISO\_Ant1\_Low\_5190\_AV



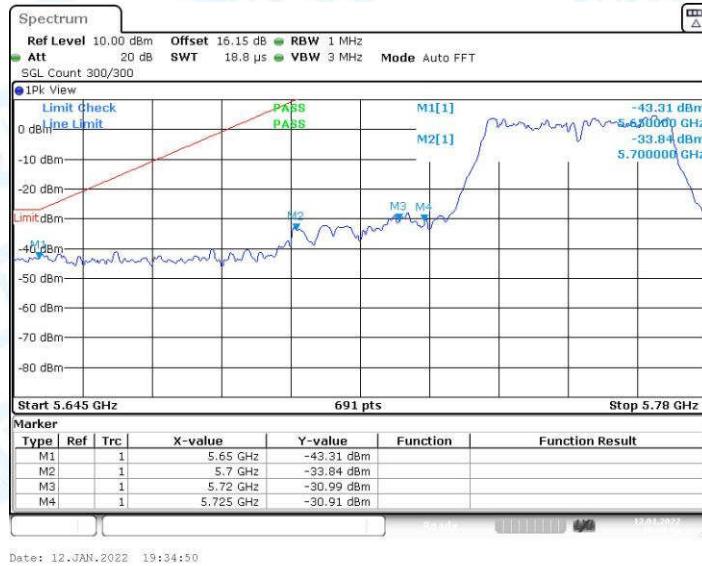
### 11N40SISO\_Ant1\_Low\_5190\_Peak



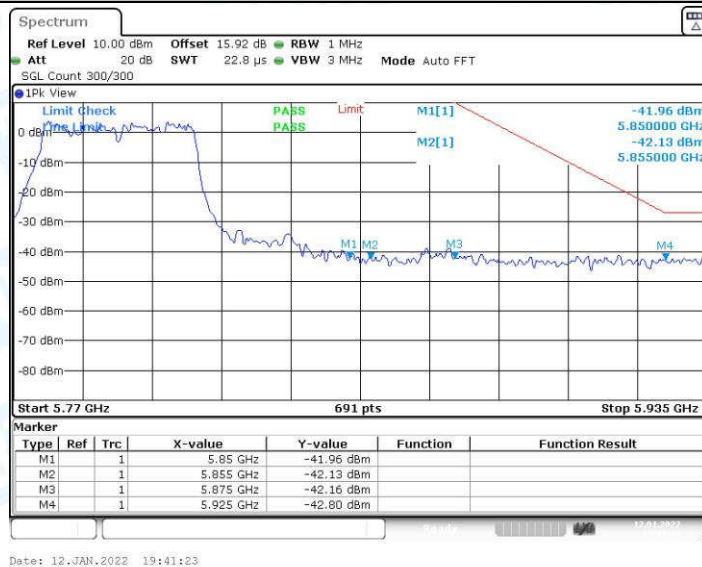
### 11N40SISO\_Ant1\_High\_5230\_AV



### 11N40SISO\_Ant1\_High\_5230\_Peak

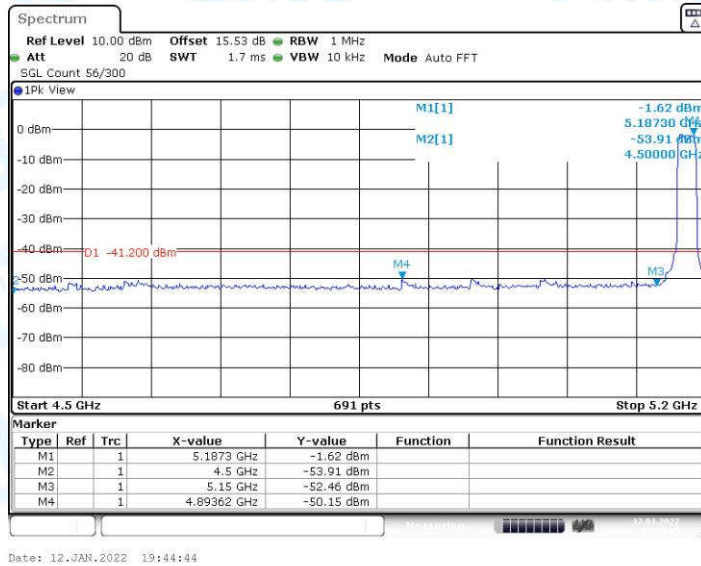


### 11N40SISO\_Ant1\_Low\_5755\_Peak

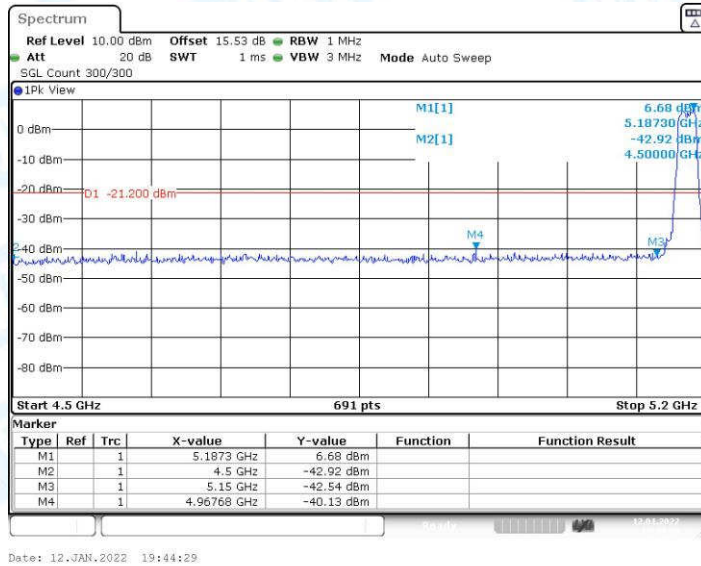


### 11N40SISO\_Ant1\_High\_5795\_Peak

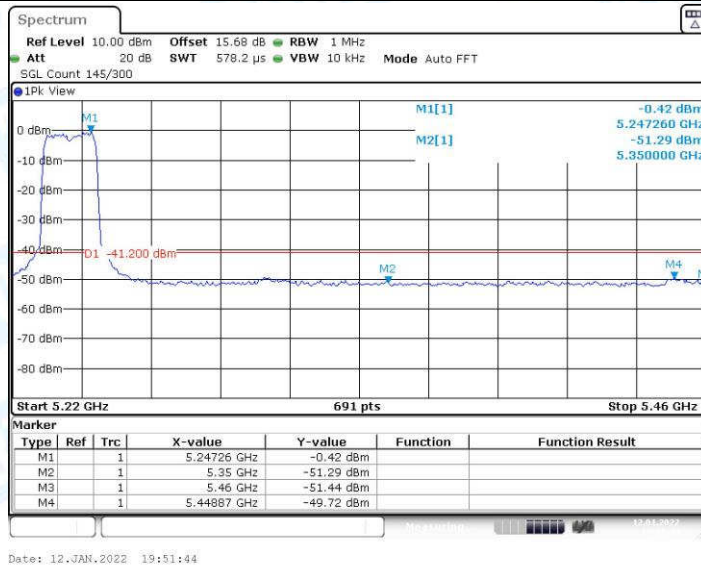




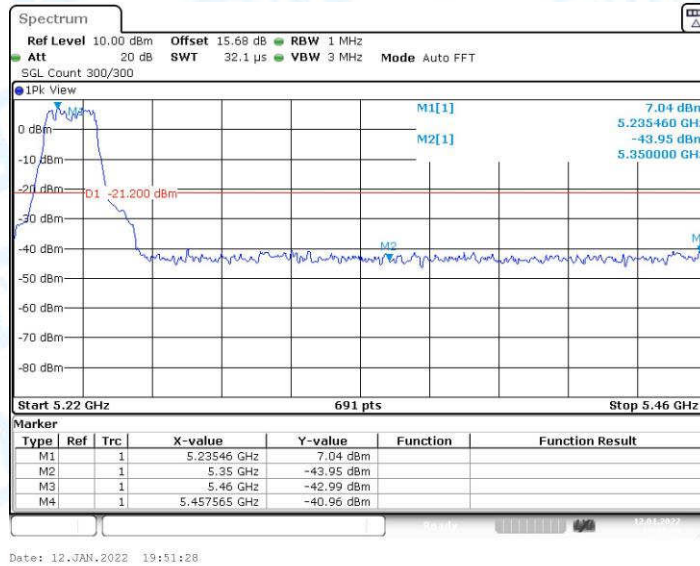
### 11AC20SISO\_Ant1\_Low\_5180\_AV



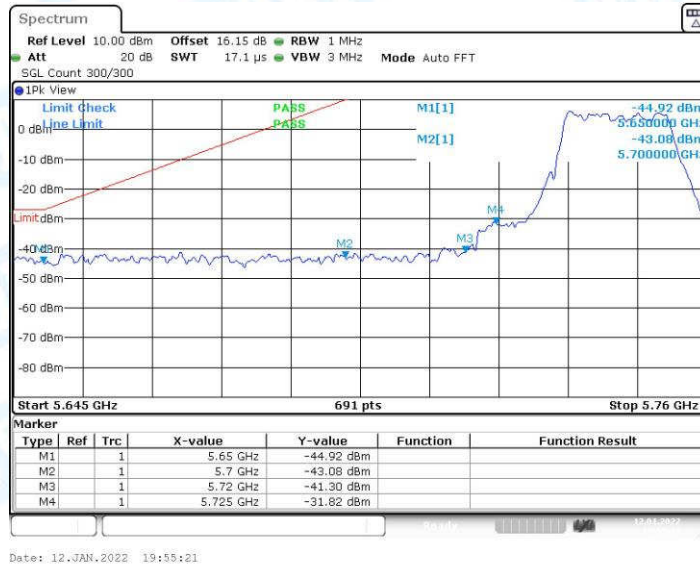
### 11AC20SISO\_Ant1\_Low\_5180\_Peak



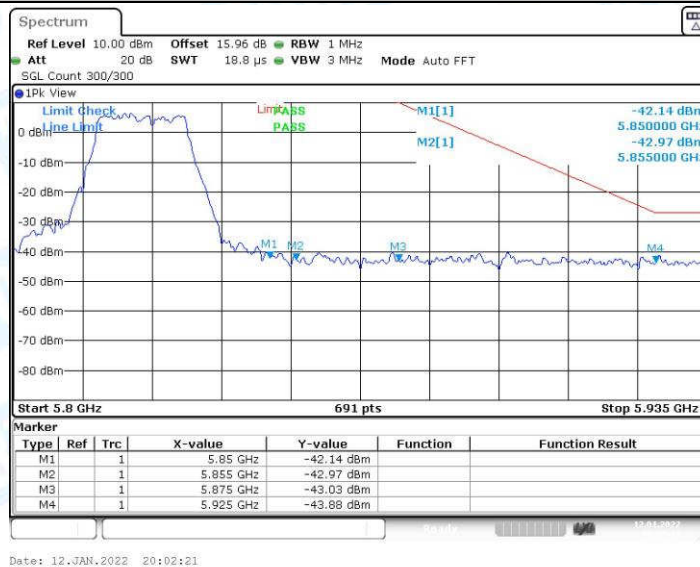
### 11AC20SISO\_Ant1\_High\_5240\_AV



11AC20SISO\_Ant1\_High\_5240\_Peak

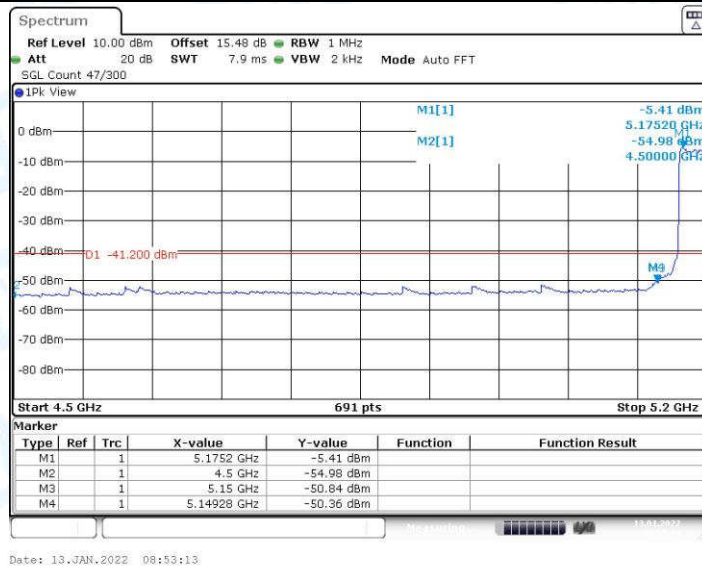


11AC20SISO\_Ant1\_Low\_5745\_Peak

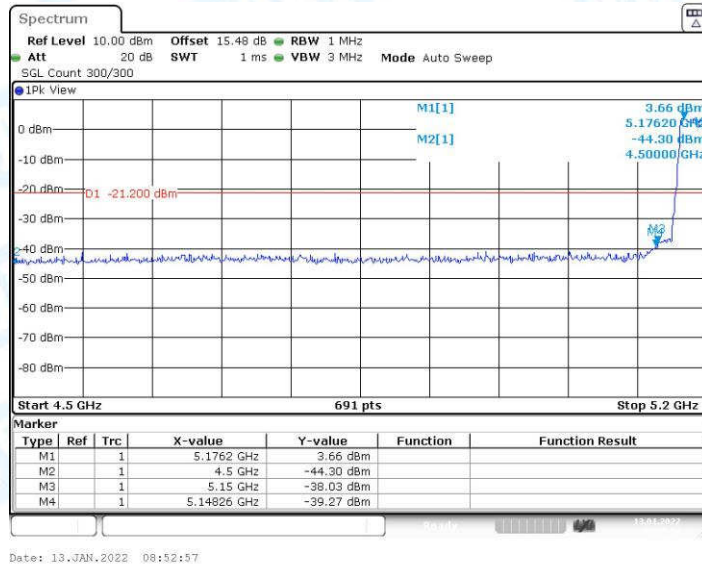


11AC20SISO\_Ant1\_High\_5825\_Peak

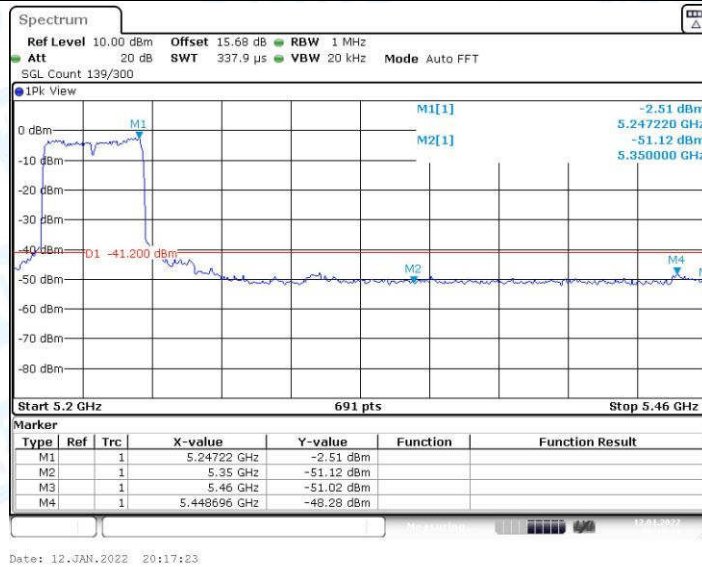




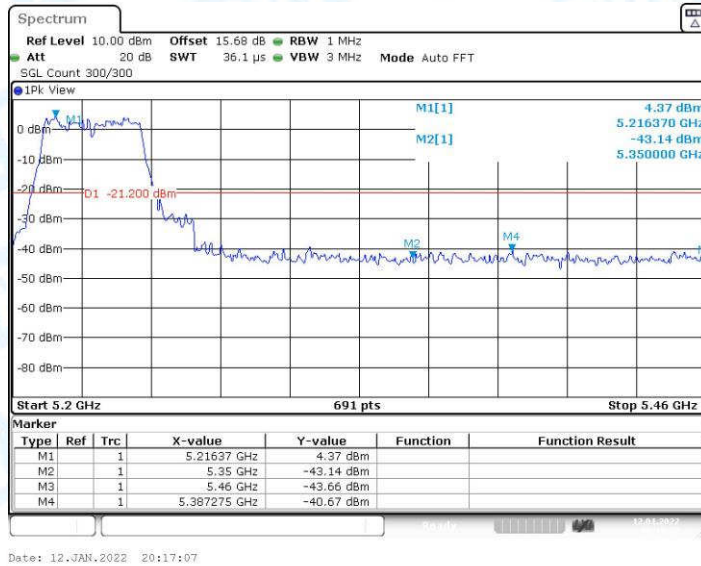
### 11AC40SISO\_Ant1\_Low\_5190\_AV



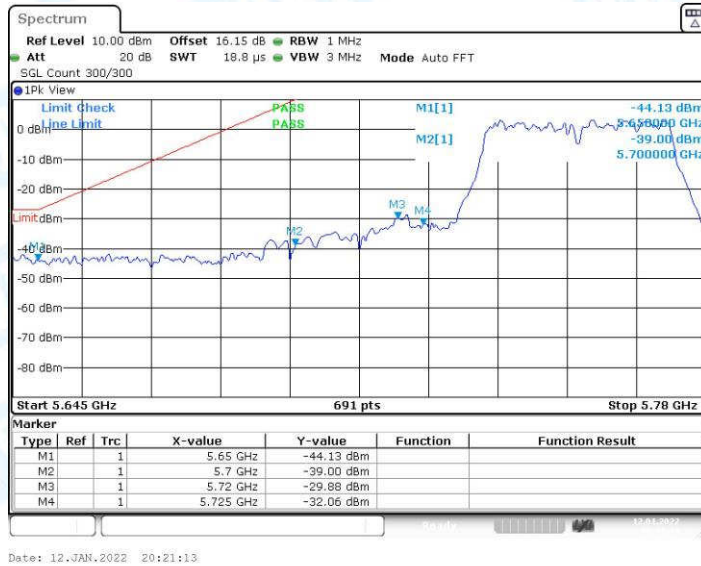
### 11AC40SISO\_Ant1\_Low\_5190\_Peak



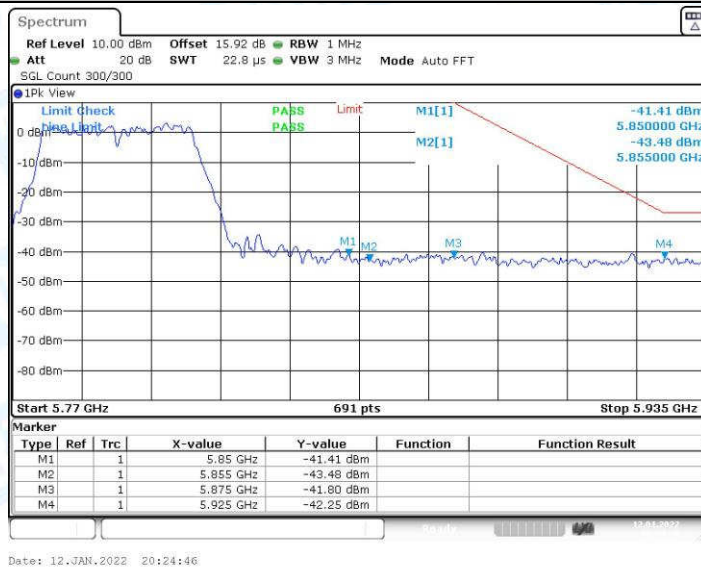
### 11AC40SISO\_Ant1\_High\_5230\_AV



### 11AC40SISO\_Ant1\_High\_5230\_Peak

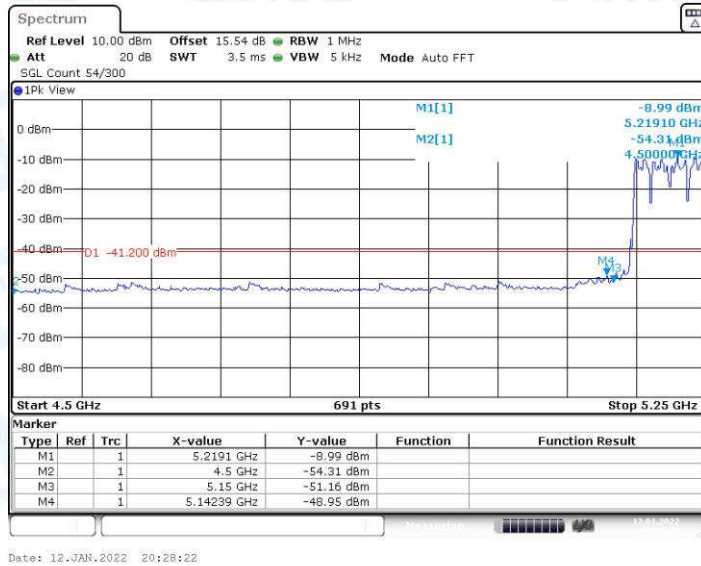


### 11AC40SISO\_Ant1\_Low\_5755\_Peak

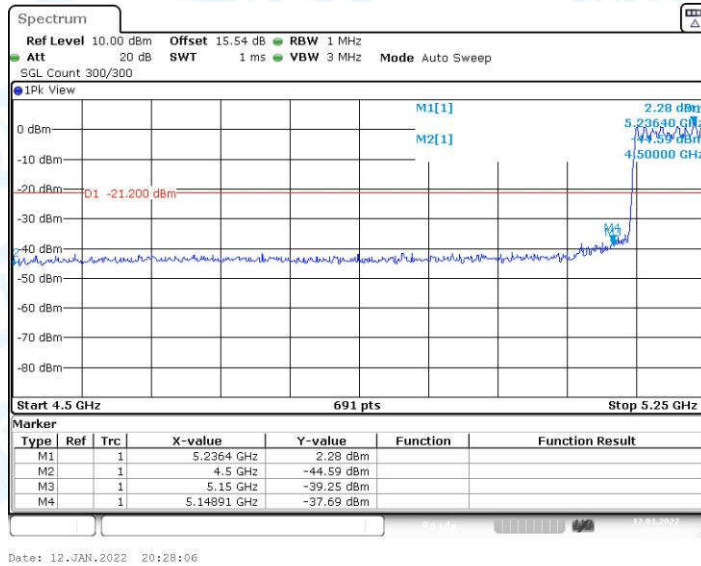


### 11AC40SISO\_Ant1\_High\_5795\_Peak

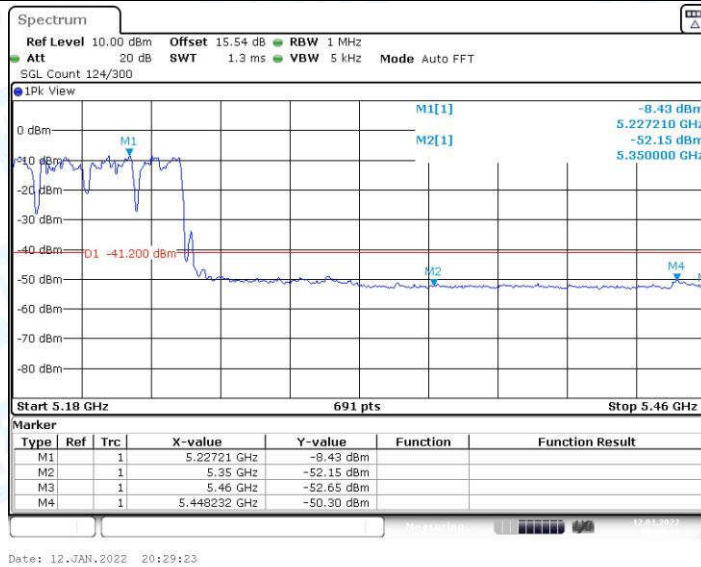




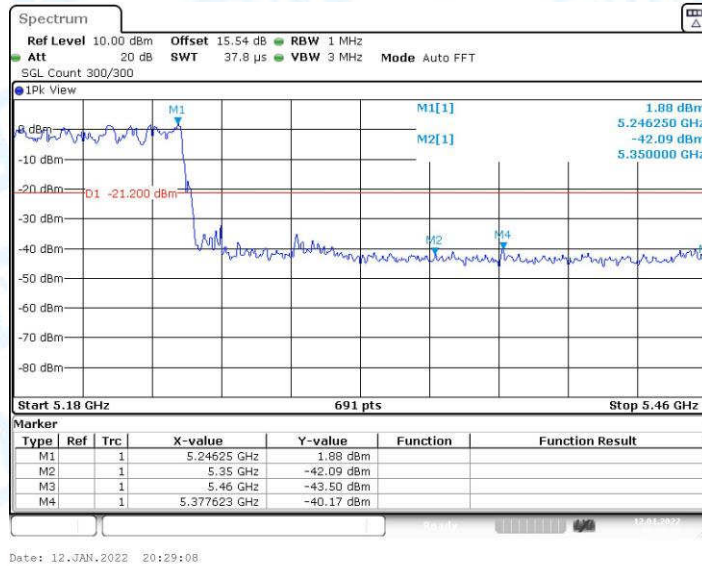
11AC80SISO\_Ant1\_Low\_5210\_AV



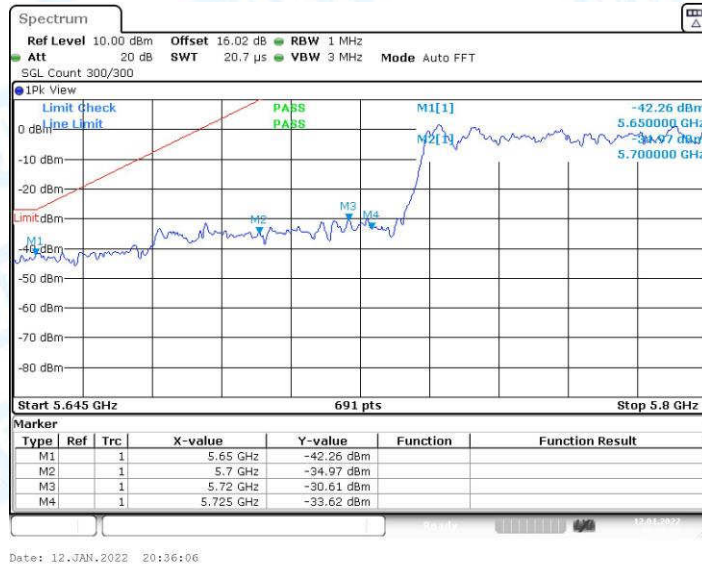
11AC80SISO\_Ant1\_Low\_5210\_Peak



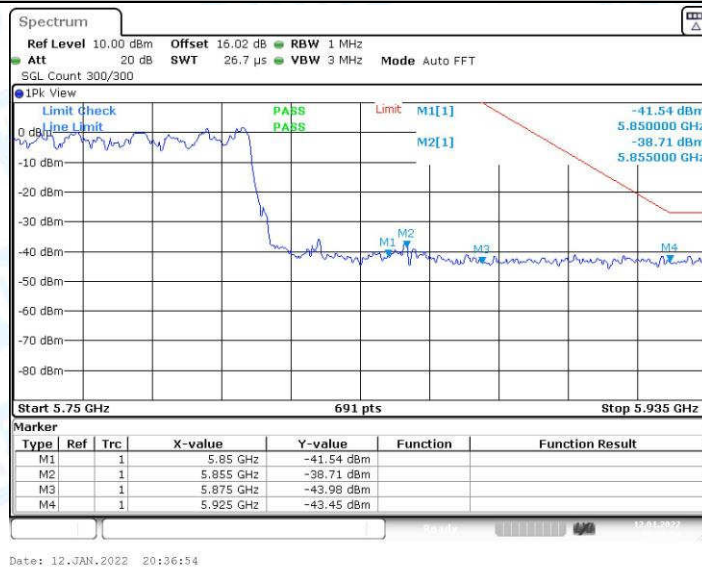
11AC80SISO\_Ant1\_High\_5210\_AV



### 11AC80SISO\_Ant1\_High\_5210\_Peak



### 11AC80SISO\_Ant1\_Low\_5775\_Peak



### 11AC80SISO\_Ant1\_High\_5775\_Peak



## 8. Conducted Spurious Emission

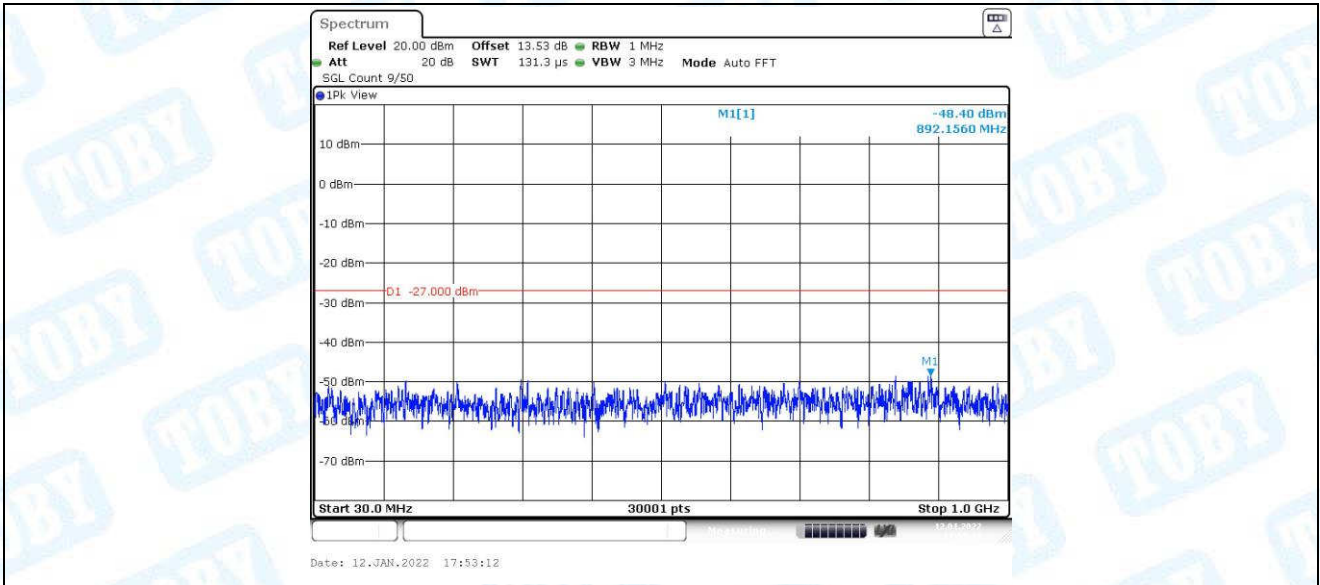
### 8.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict		
11A	Ant1	5180	30~1000	892.16	-48.4	≤-27	PASS		
			1000~40000	39954.5	-33.71	≤-27	PASS		
		5220	30~1000	888.02	-48.6	≤-27	PASS		
			1000~40000	39824.5	-34.29	≤-27	PASS		
		5240	30~1000	952.2	-48.13	≤-27	PASS		
			1000~40000	39684.1	-34.08	≤-27	PASS		
		5745	30~1000	864.9	-47.21	≤-27	PASS		
			1000~40000	39964.9	-33.99	≤-27	PASS		
		5785	30~1000	860.11	-48.03	≤-27	PASS		
			1000~40000	39651.6	-33.46	≤-27	PASS		
		5825	30~1000	557	-47.32	≤-27	PASS		
			1000~40000	39974	-33.6	≤-27	PASS		
		11N20SISO	Ant1	5180	30~1000	981.3	-48.47	≤-27	PASS
					1000~40000	39967.5	-33.75	≤-27	PASS
5220	30~1000			712.03	-49.14	≤-27	PASS		
	1000~40000			39463.1	-34.57	≤-27	PASS		
5240	30~1000			958.57	-48.55	≤-27	PASS		
	1000~40000			39468.3	-33.85	≤-27	PASS		
5745	30~1000			965.91	-47.96	≤-27	PASS		
	1000~40000			39951.9	-33.98	≤-27	PASS		
5785	30~1000			186.5	-49.21	≤-27	PASS		
	1000~40000			39994.8	-33.83	≤-27	PASS		
5825	30~1000			870.88	-47.89	≤-27	PASS		
	1000~40000			39964.9	-33.59	≤-27	PASS		
11N40SISO	Ant1			5190	30~1000	859.89	-49.14	≤-27	PASS
					1000~40000	39955.8	-34.31	≤-27	PASS
		5230	30~1000	797.68	-47.88	≤-27	PASS		
			1000~40000	39851.8	-34.27	≤-27	PASS		
		5755	30~1000	975.96	-48.16	≤-27	PASS		
			1000~40000	39638.6	-32.79	≤-27	PASS		
		5795	30~1000	460.16	-49.51	≤-27	PASS		
			1000~40000	39994.8	-33.49	≤-27	PASS		
		11AC20SISO	Ant1	5180	30~1000	958.5	-48.05	≤-27	PASS
					1000~40000	40000	-33.38	≤-27	PASS
5220	30~1000			714.68	-47.92	≤-27	PASS		
	1000~40000			39984.4	-34.27	≤-27	PASS		
5240	30~1000			536.95	-49.18	≤-27	PASS		
	1000~40000			39521.6	-34.54	≤-27	PASS		
5745	30~1000			709.64	-47.69	≤-27	PASS		
	1000~40000			39945.4	-32.85	≤-27	PASS		

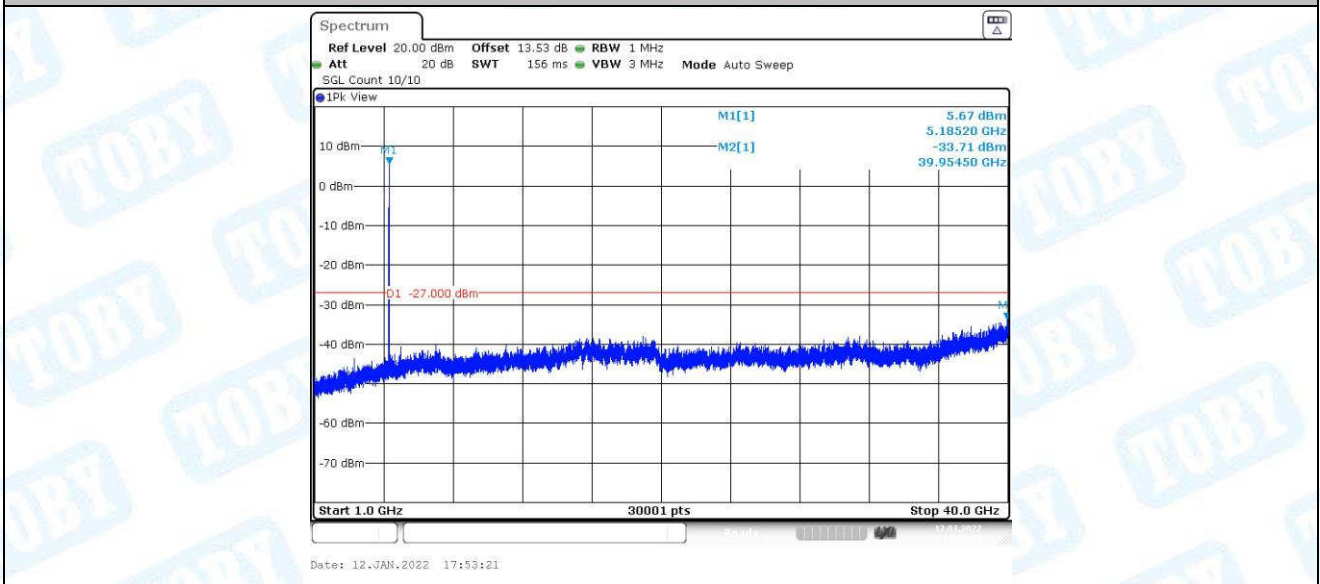
		5785	30~1000	862.38	-49.48	≤-27	PASS
			1000~40000	39398.1	-34.44	≤-27	PASS
		5825	30~1000	713.68	-49.26	≤-27	PASS
			1000~40000	39916.8	-34.12	≤-27	PASS
11AC40SISO	Ant1	5190	30~1000	804.21	-48.62	≤-27	PASS
			1000~40000	39504.7	-33.72	≤-27	PASS
		5230	30~1000	741.42	-48.26	≤-27	PASS
			1000~40000	39977.9	-33.85	≤-27	PASS
		5755	30~1000	990.32	-48.2	≤-27	PASS
			1000~40000	39958.4	-32.42	≤-27	PASS
		5795	30~1000	959.73	-48.35	≤-27	PASS
			1000~40000	39974	-33.35	≤-27	PASS
11AC80SISO	Ant1	5210	30~1000	860.05	-47.28	≤-27	PASS
			1000~40000	39790.7	-34.23	≤-27	PASS
		5775	30~1000	794.77	-46.71	≤-27	PASS
			1000~40000	39688	-33.06	≤-27	PASS



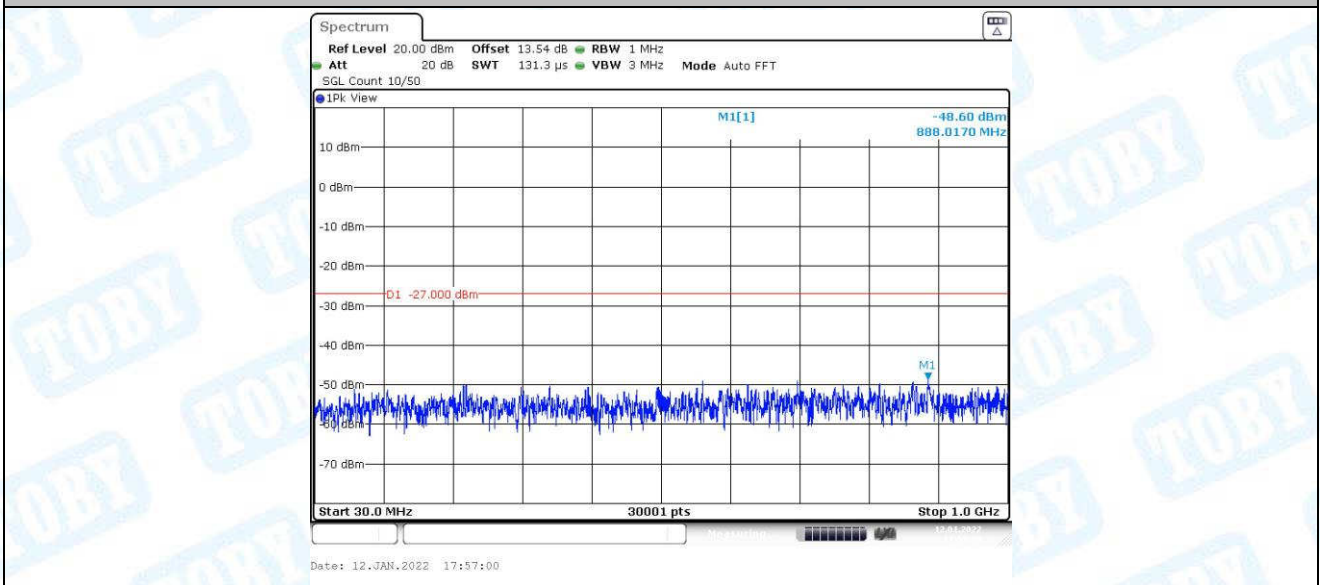
### 8.2. Test Graphs



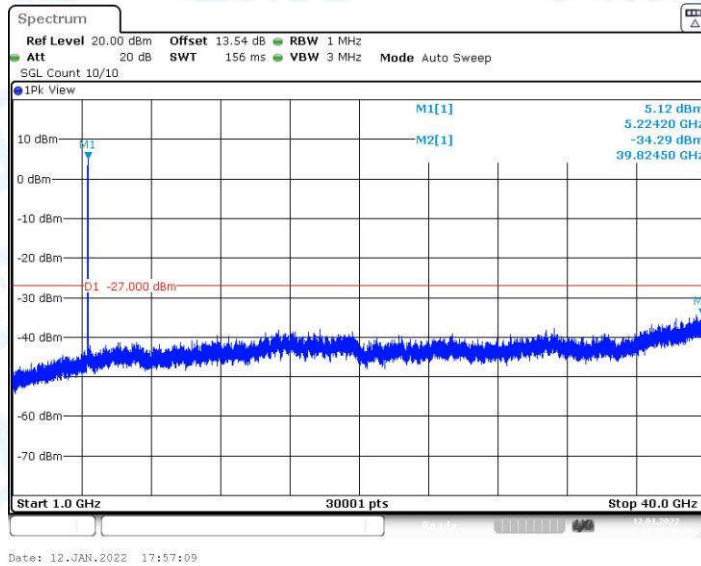
11A\_Ant1\_5180\_30~1000



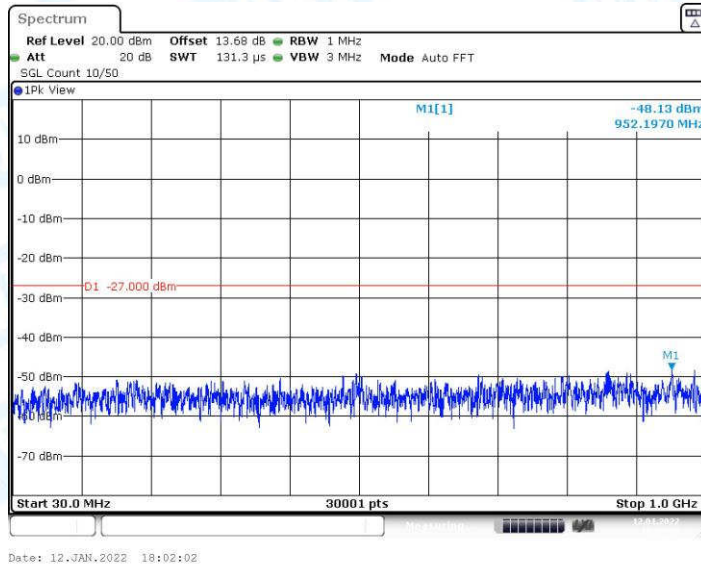
11A\_Ant1\_5180\_1000~40000



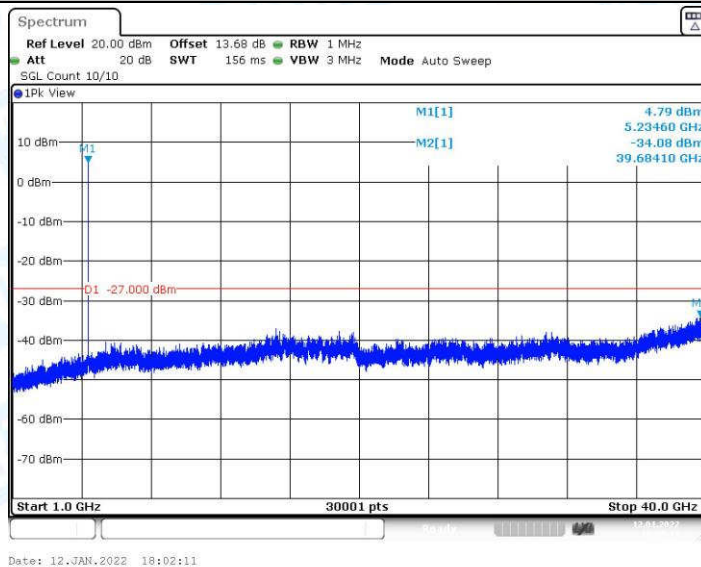
11A\_Ant1\_5220\_30~1000



11A\_Ant1\_5220\_1000~40000

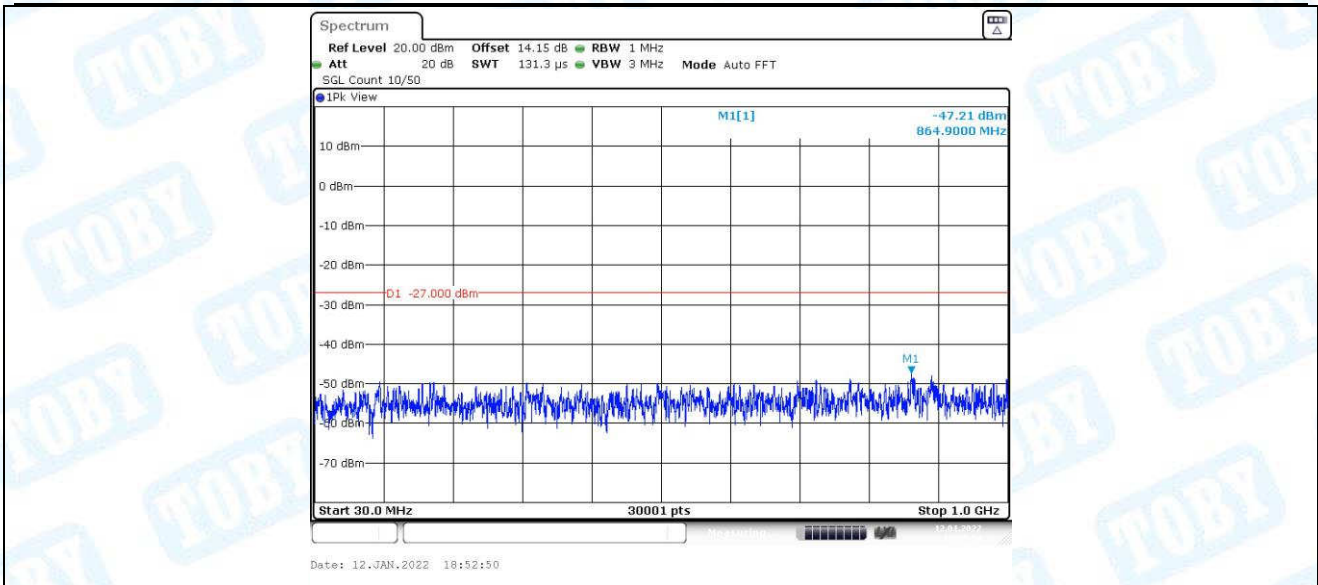


11A\_Ant1\_5240\_30~1000

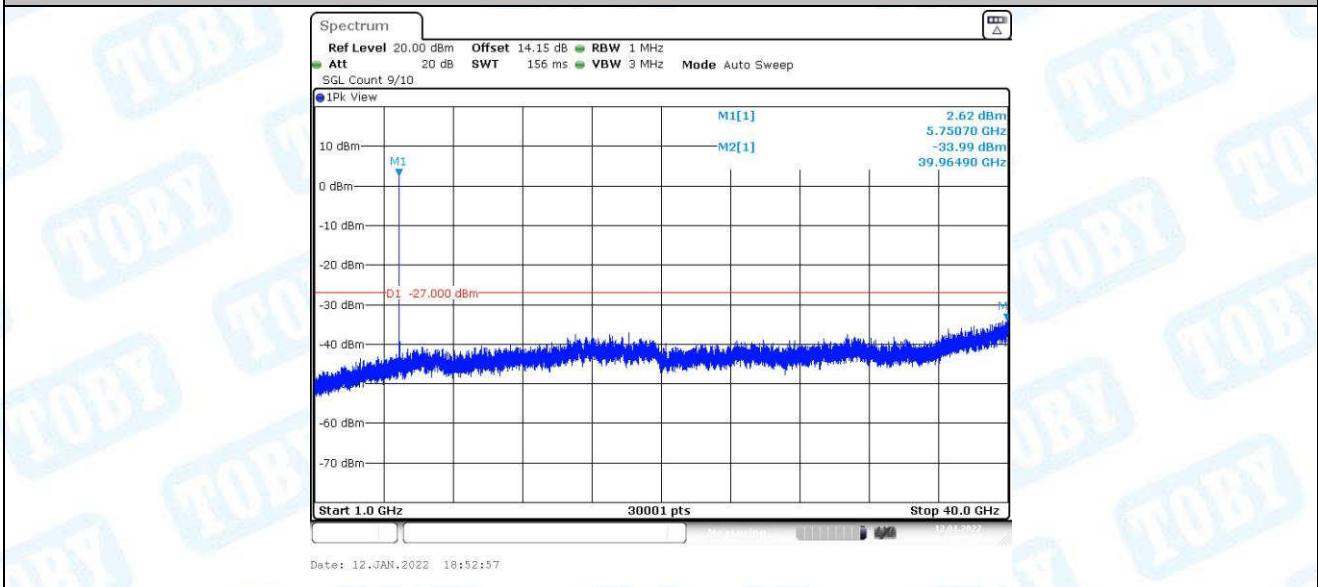


11A\_Ant1\_5240\_1000~40000

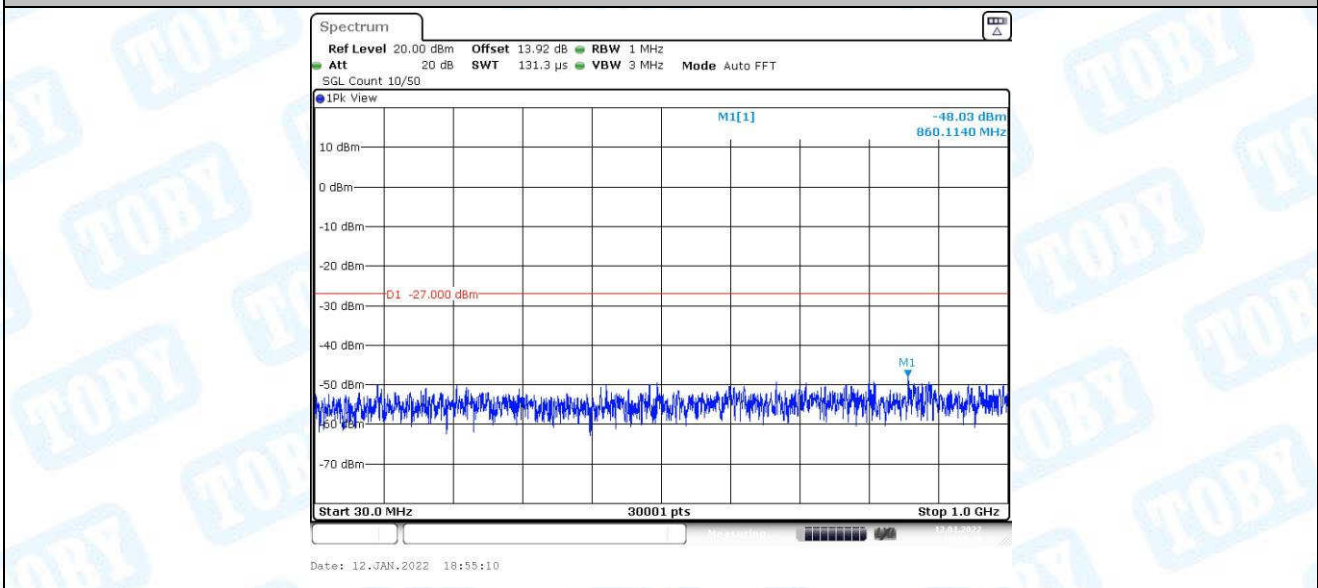




11A\_Ant1\_5745\_30~1000



11A\_Ant1\_5745\_1000~4000



11A\_Ant1\_5785\_30~1000