

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

General Description of EUT	
Product Name:	Android tablet
Test Model/HVIN:	KST103SD-L
Sample ID:	20210804-05_01-02
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.8V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0209-12	

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1. Occupied channel bandwidth

1.1. Test Result

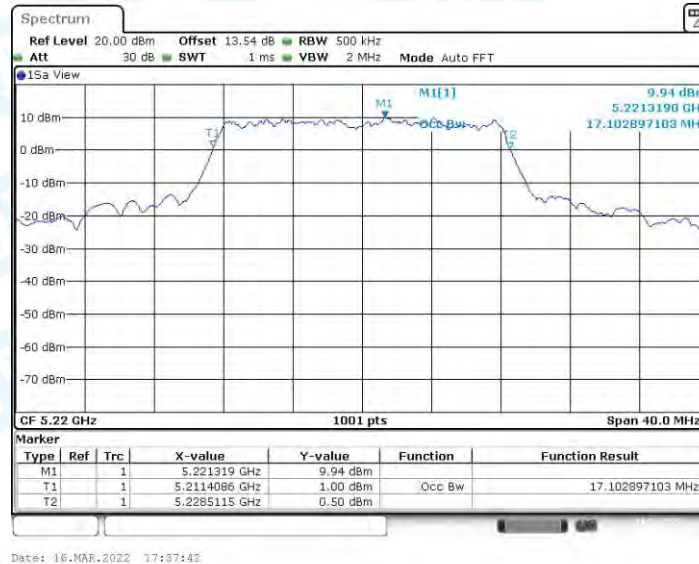
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.423	5171.409	5188.831	---	---
		5220	17.103	5211.409	5228.511	---	---
		5240	17.103	5231.369	5248.472	---	---
		5500	16.983	5491.528	5508.511	---	---
		5580	16.983	5571.489	5588.472	---	---
		5700	17.183	5691.409	5708.591	---	---
		5745	17.223	5736.369	5753.591	---	---
		5785	17.023	5776.568	5793.591	---	---
		5825	17.143	5816.369	5833.511	---	---
11N20SISO	Ant1	5180	18.062	5170.969	5189.031	---	---
		5220	18.142	5211.049	5229.191	---	---
		5240	18.222	5230.849	5249.071	---	---
		5500	18.062	5490.929	5508.991	---	---
		5580	18.981	5570.130	5589.111	---	---
		5700	18.102	5691.049	5709.151	---	---
		5745	18.062	5735.849	5753.911	---	---
		5785	18.062	5775.969	5794.031	---	---
		5825	17.982	5816.049	5834.031	---	---
11N40SISO	Ant1	5190	36.683	5171.538	5208.222	---	---
		5230	36.603	5211.618	5248.222	---	---
		5510	36.284	5491.778	5528.062	---	---
		5550	36.204	5531.858	5568.062	---	---
		5670	36.603	5651.858	5688.462	---	---
		5755	36.683	5736.778	5773.462	---	---
		5795	36.683	5776.618	5813.302	---	---
11AC20SISO	Ant1	5180	18.262	5170.809	5189.071	---	---
		5220	17.982	5211.009	5228.991	---	---
		5240	17.942	5231.049	5248.991	---	---
		5500	18.102	5490.929	5509.031	---	---
		5580	18.302	5570.889	5589.191	---	---
		5700	18.342	5691.049	5709.391	---	---
		5745	19.5	5735.529	5755.030	---	---
		5785	18.022	5776.009	5794.031	---	---
		5825	18.501	5815.569	5834.071	---	---
11AC40SISO	Ant1	5190	36.763	5171.538	5208.302	---	---
		5230	36.603	5211.698	5248.302	---	---
		5510	36.444	5491.778	5528.222	---	---
		5550	36.444	5531.778	5568.222	---	---
		5670	36.683	5651.698	5688.382	---	---
		5755	36.763	5736.698	5773.462	---	---
		5795	36.683	5776.698	5813.382	---	---

11AC80SISO	Ant1	5210	76.404	5171.798	5248.202	---	---
		5530	76.084	5491.798	5567.882	---	---
		5610	76.404	5571.958	5648.362	---	---
		5775	76.563	5736.798	5813.362	---	---

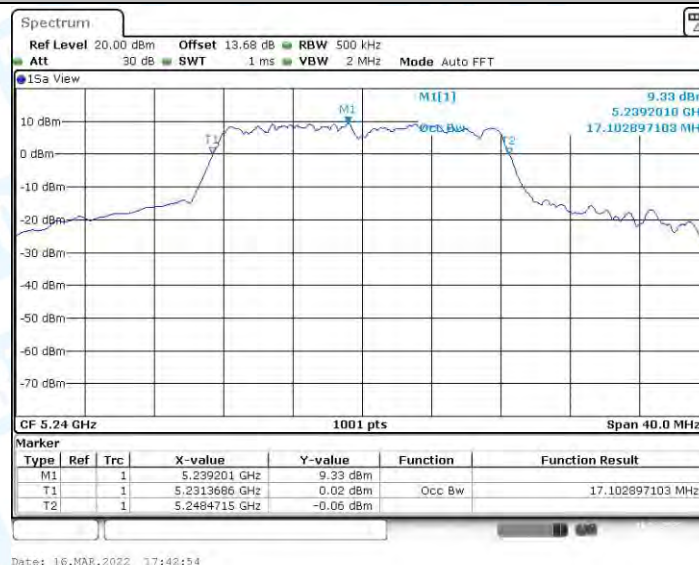
1.2. Test Graphs



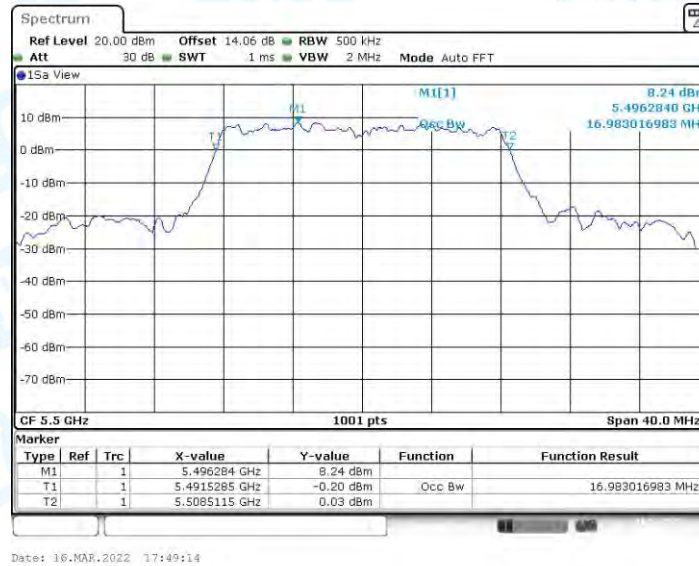
11A_Ant1_5180



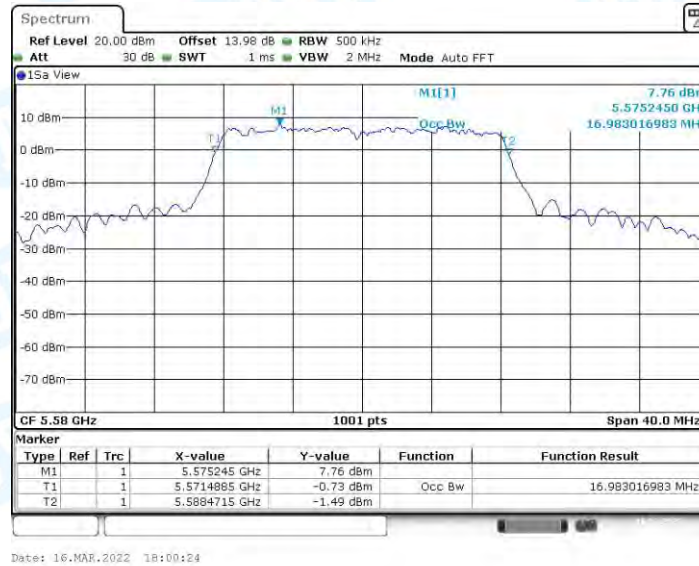
11A_Ant1_5220



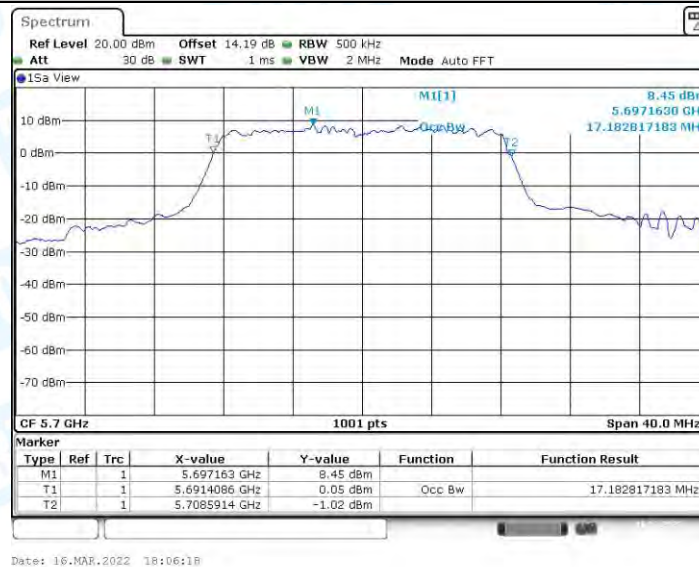
11A_Ant1_5240



11A_Ant1_5500



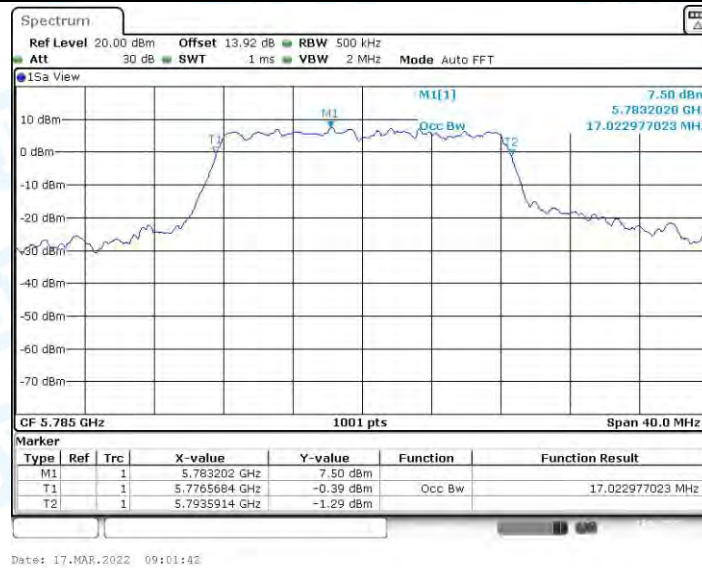
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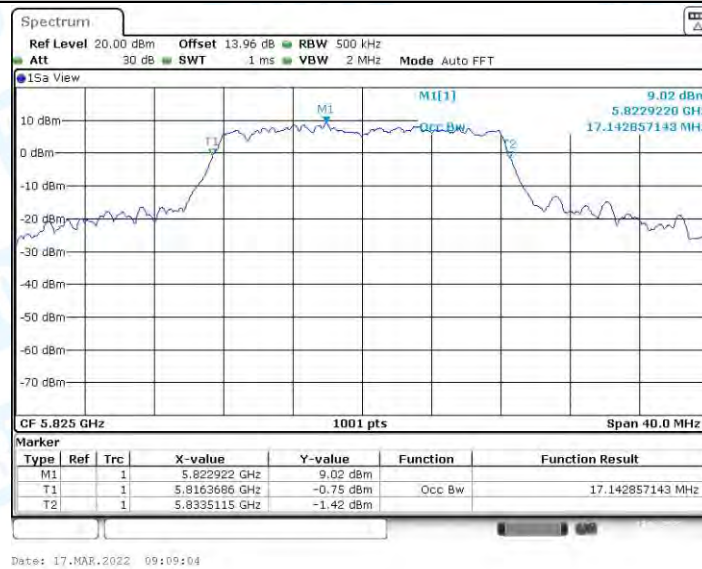
11A_Ant1_5700



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



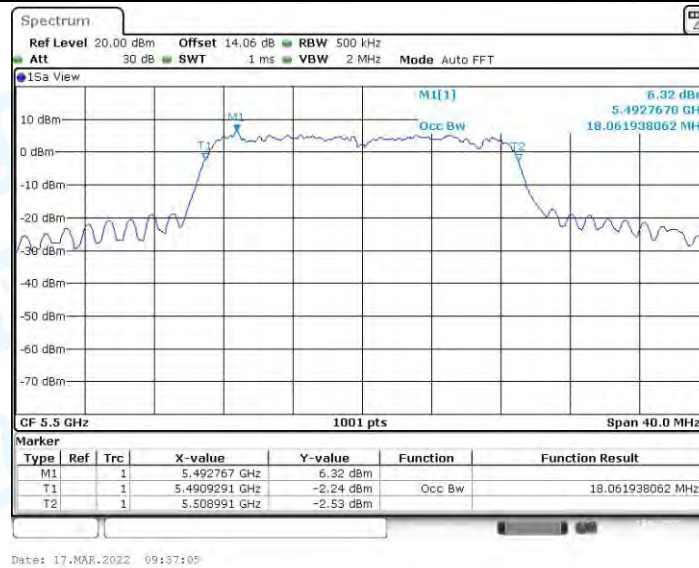
11N20SISO_Ant1_5180



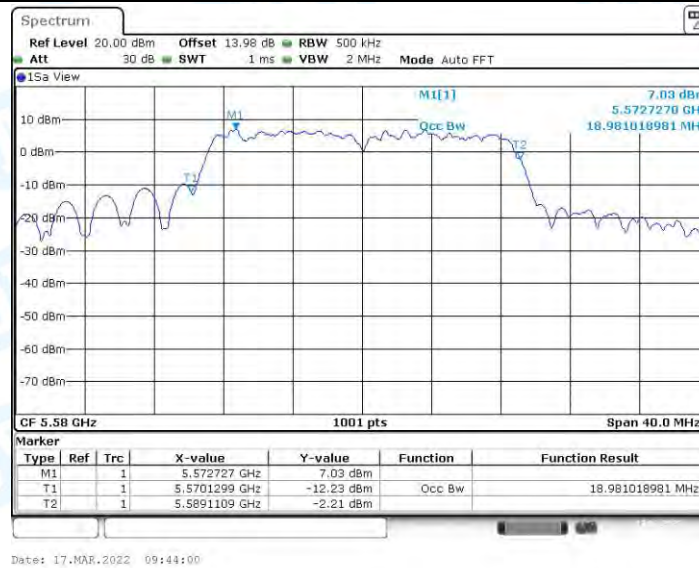
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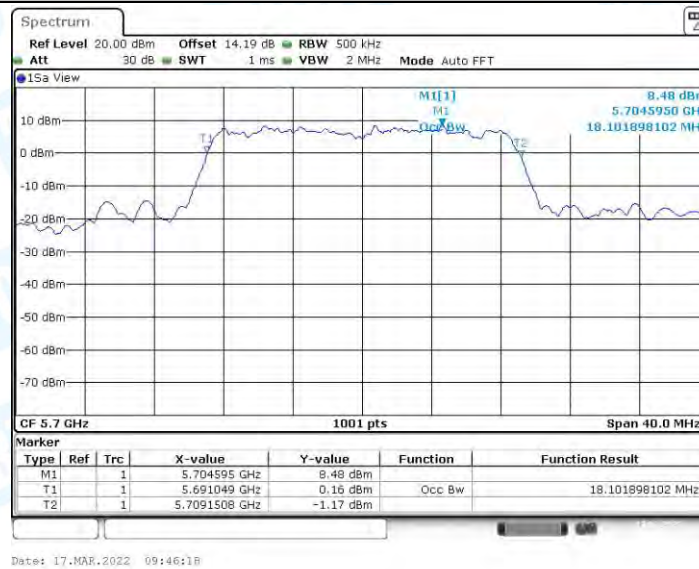
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11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



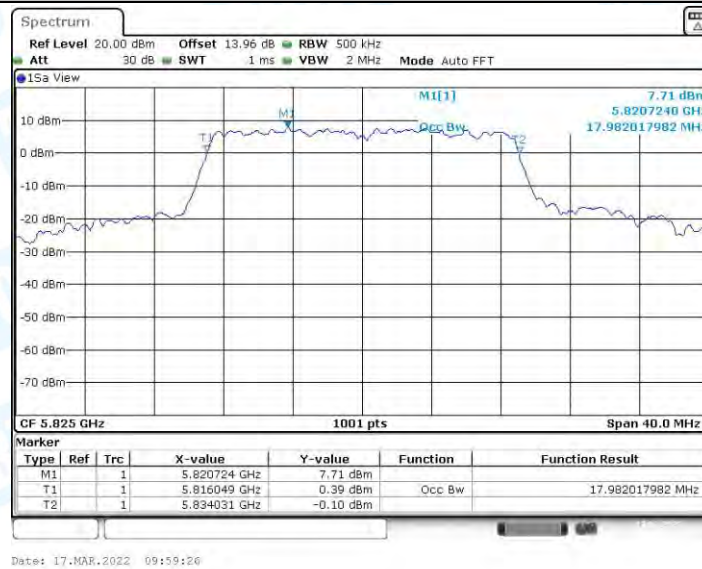
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11N20SISO_Ant1_5745



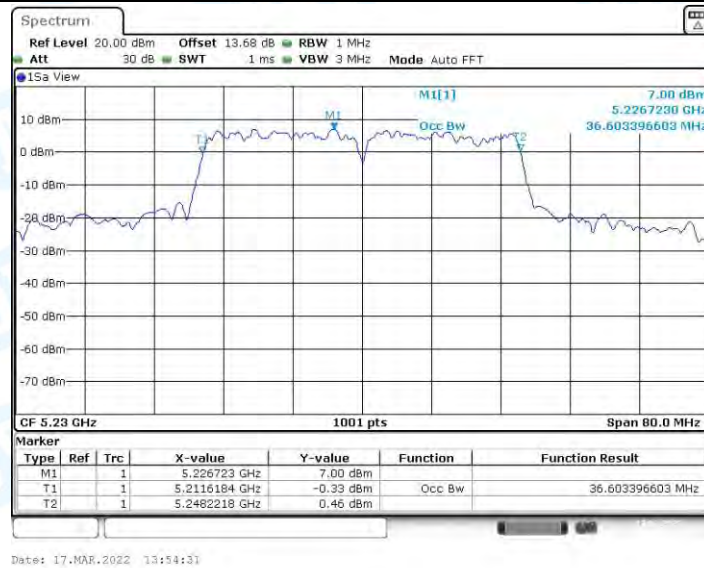
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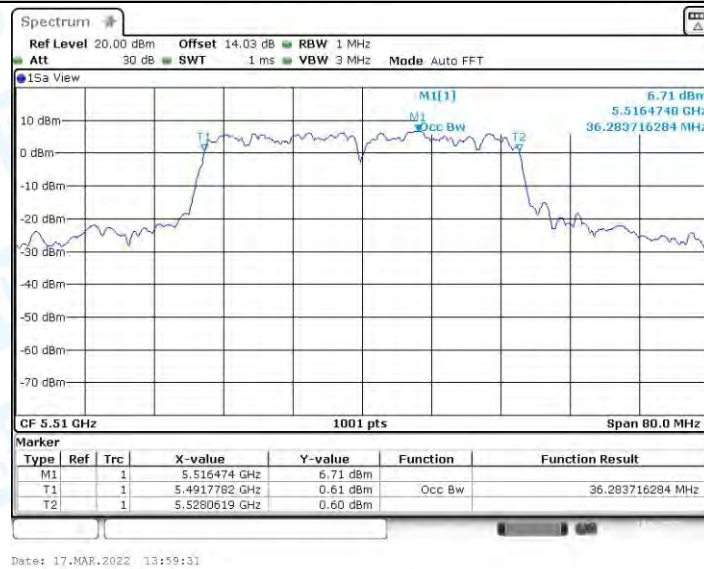
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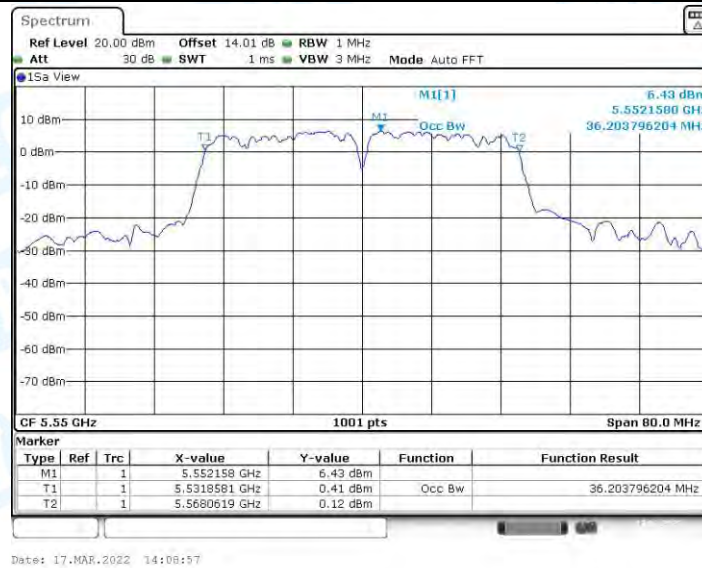
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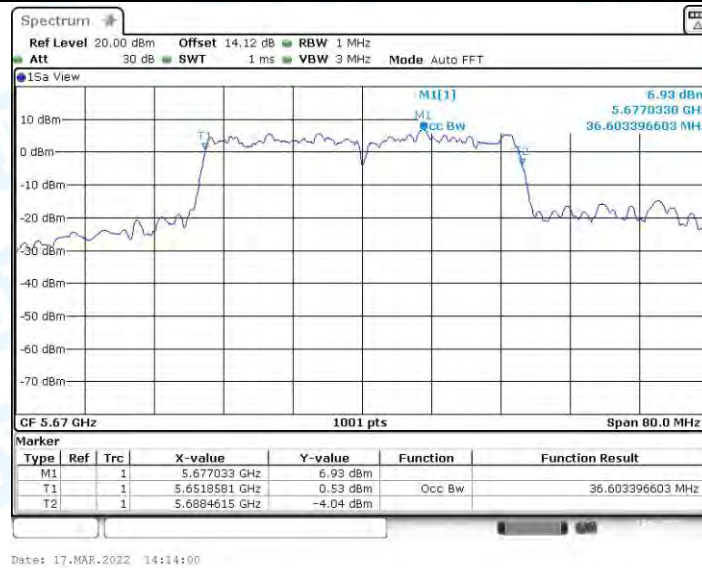
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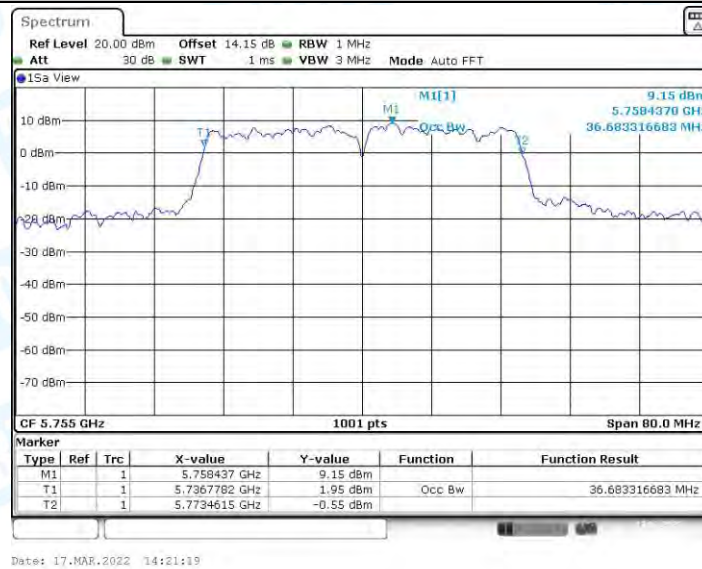
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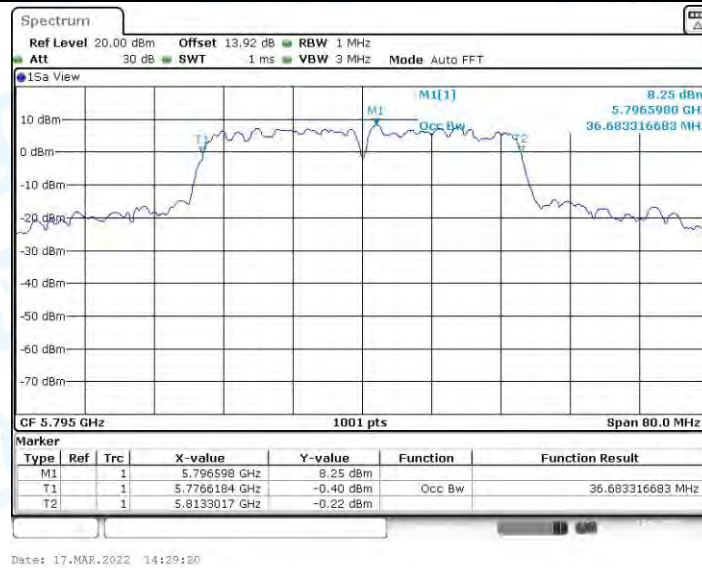
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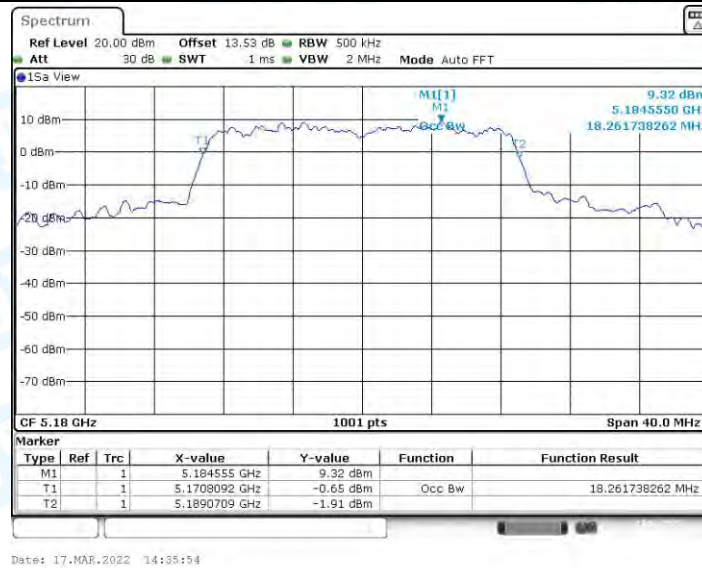
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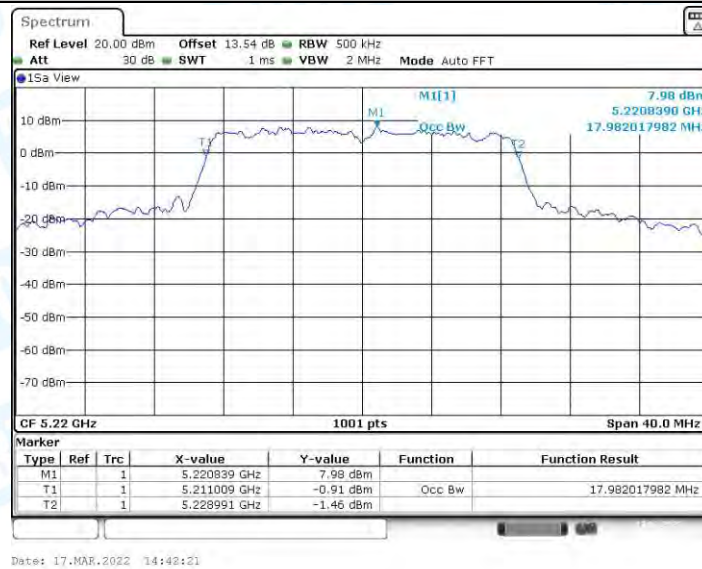
11N40SISO_Ant1_5755



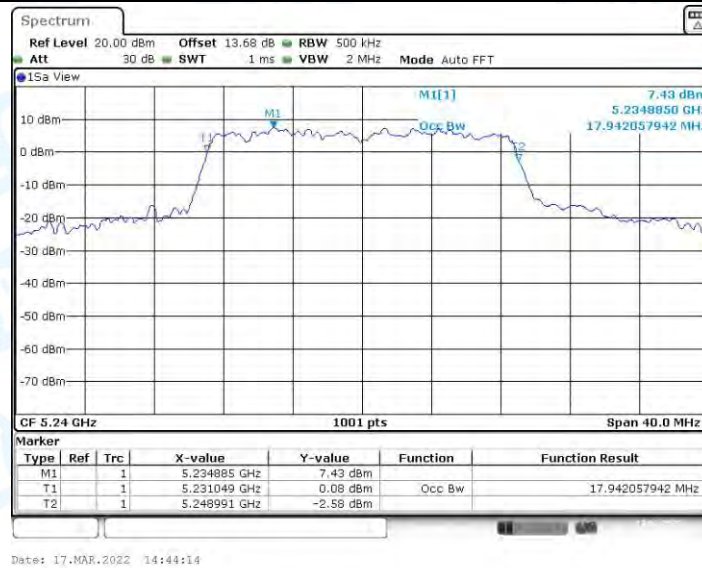
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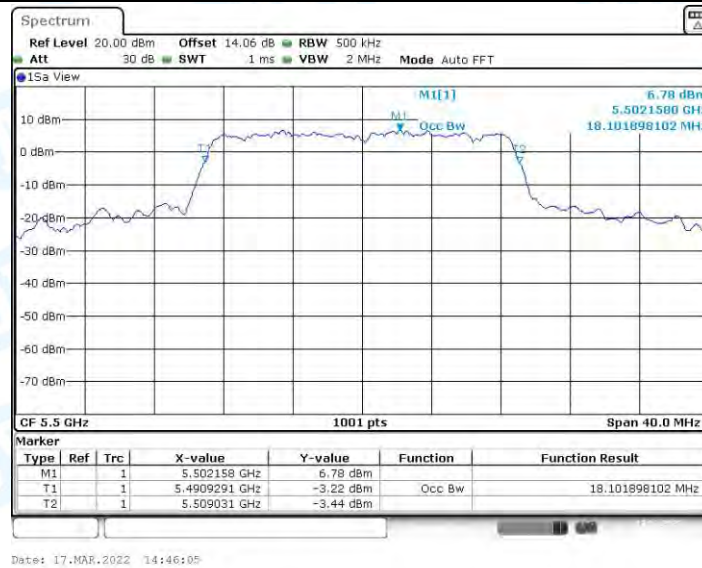
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



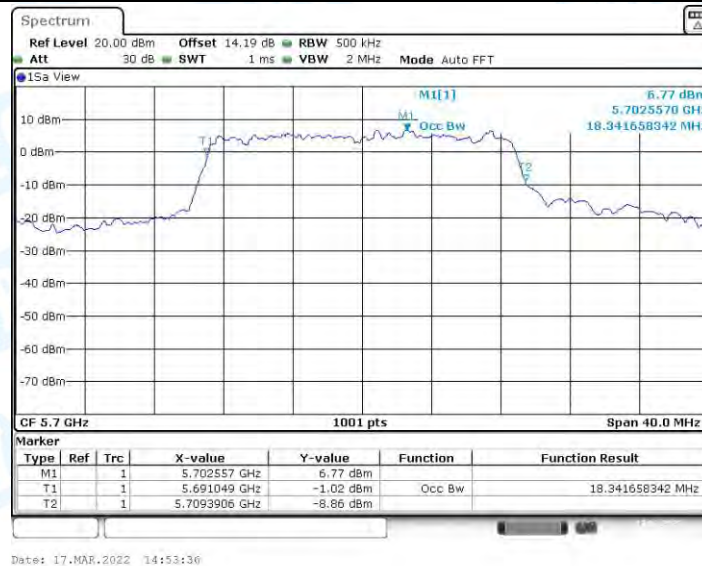
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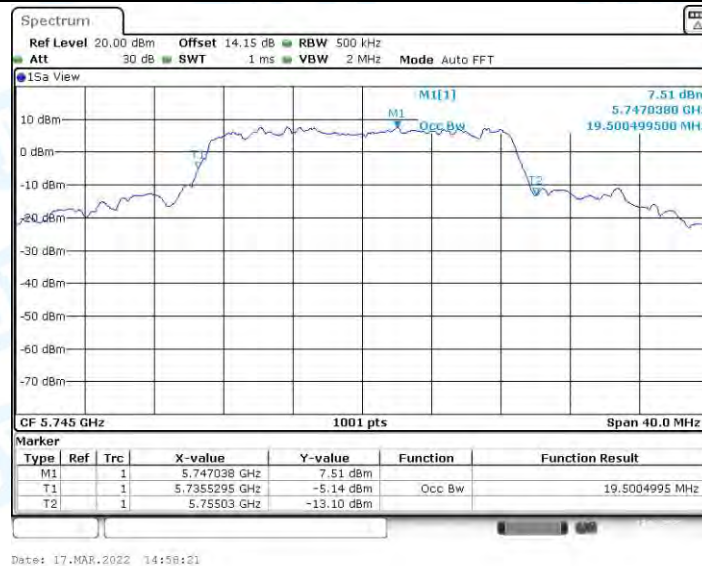
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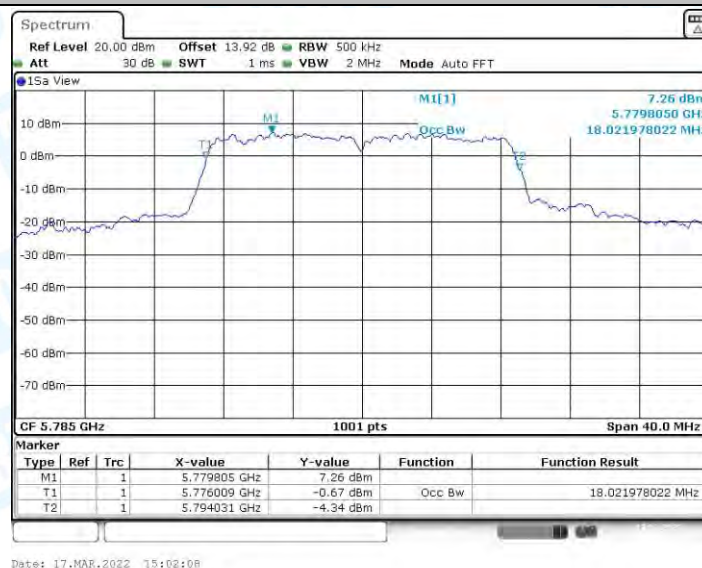
11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



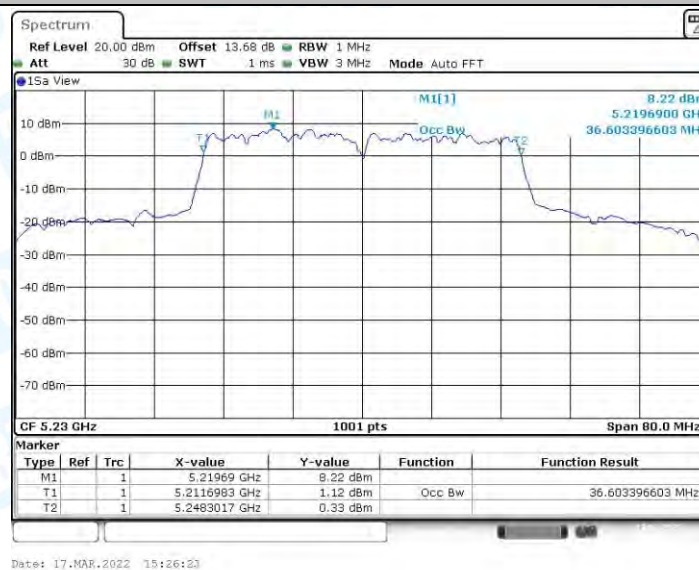
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



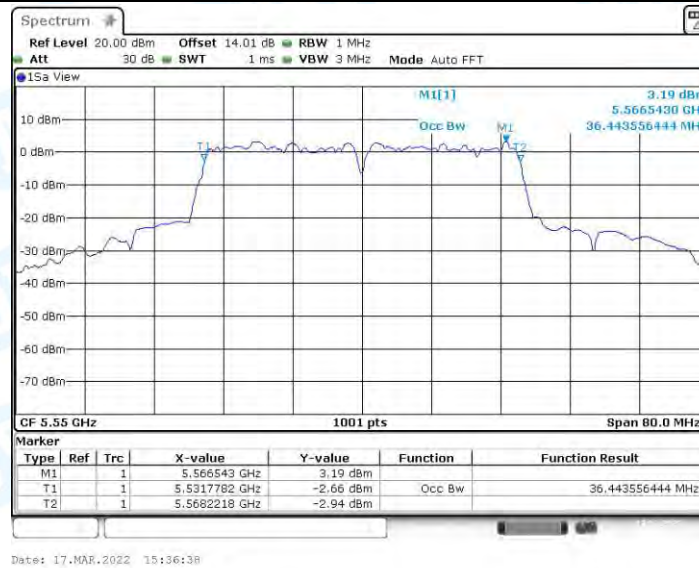
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11AC40SISO_Ant1_5230



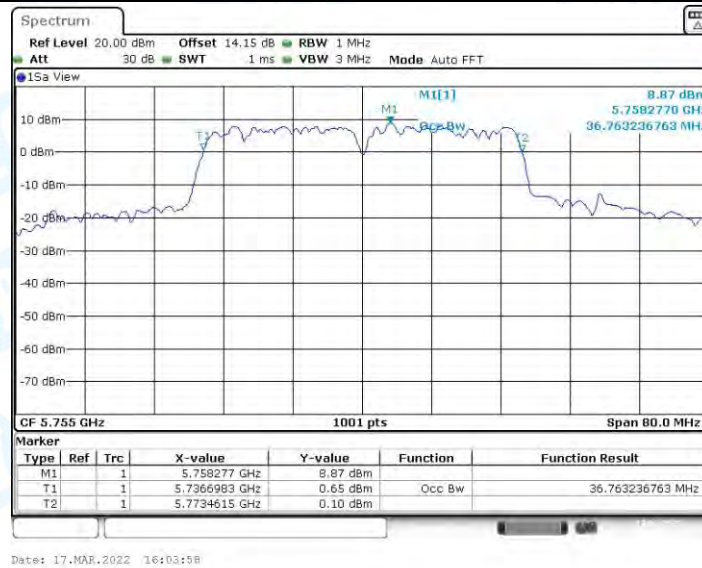
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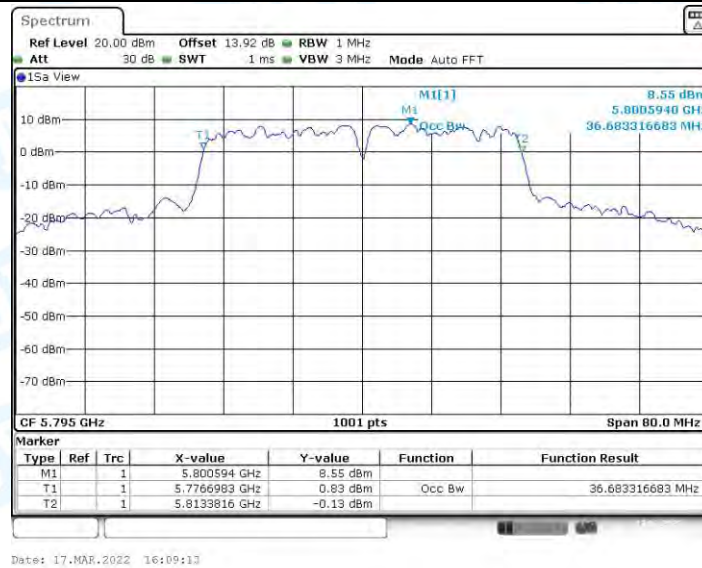
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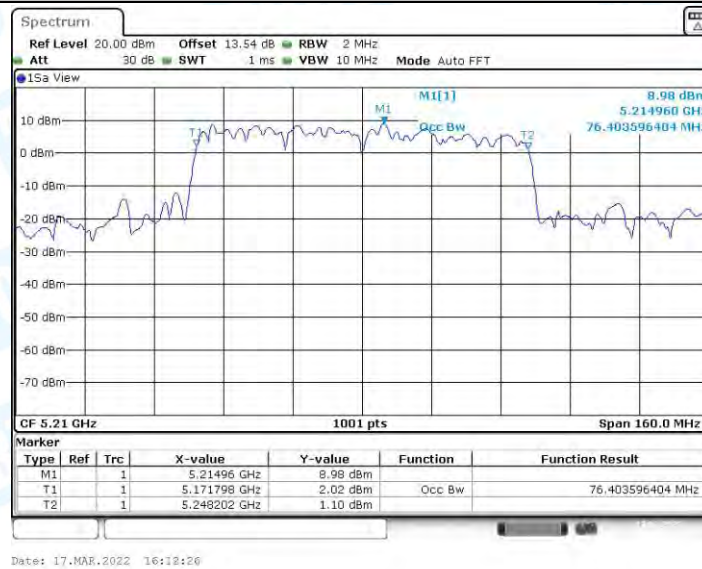
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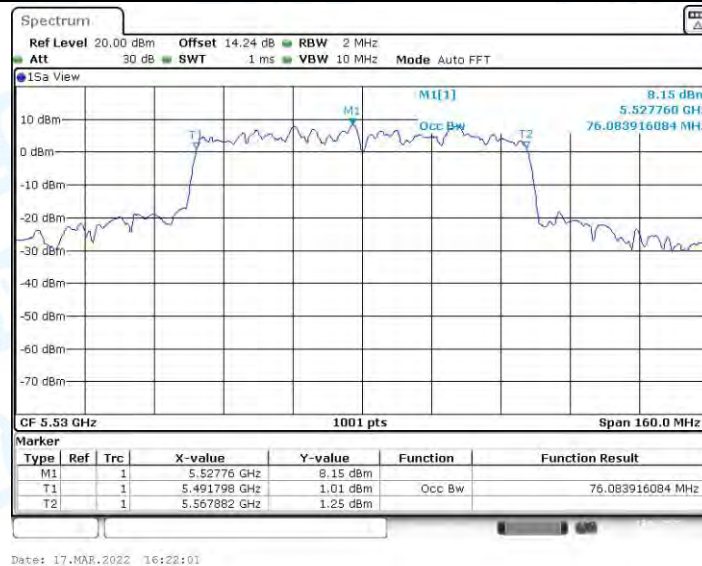
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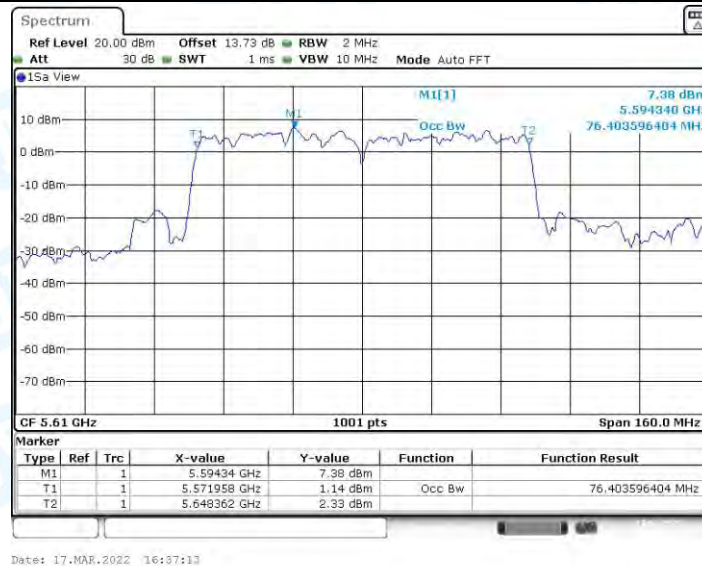
11AC40SISO_Ant1_5795



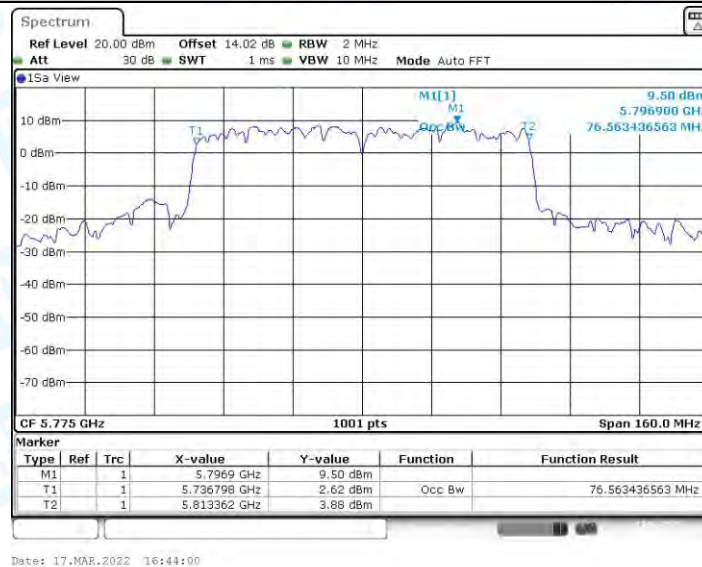
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



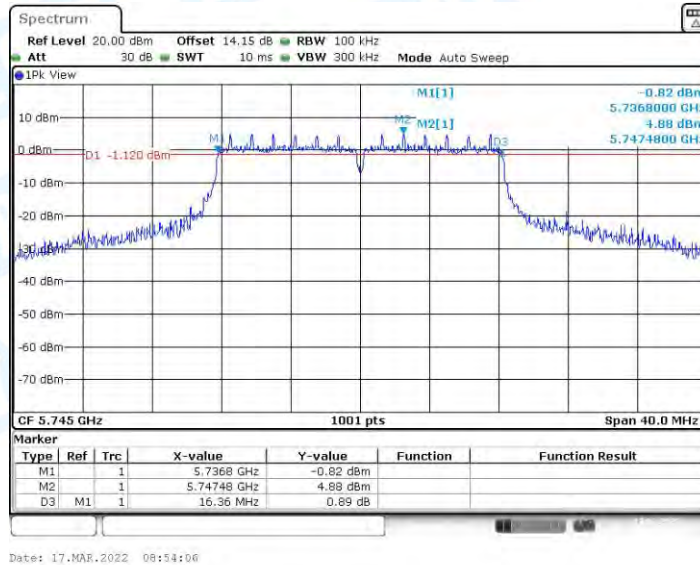
11AC80SISO_Ant1_5775

3. Min emission bandwidth

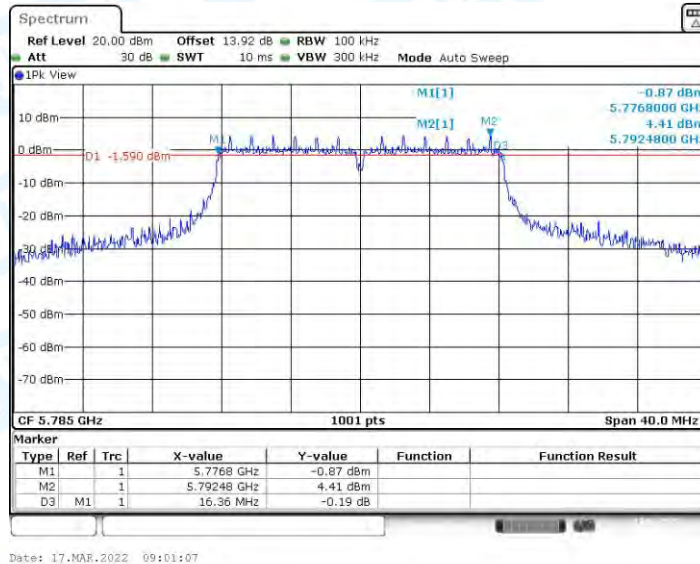
3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.80	5753.16	0.5	PASS
		5785	16.36	5776.80	5793.16	0.5	PASS
		5825	16.36	5816.80	5833.16	0.5	PASS
11N20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
		5785	17.08	5776.44	5793.52	0.5	PASS
		5825	17.48	5816.24	5833.72	0.5	PASS
11N40SISO	Ant1	5755	35.36	5737.40	5772.76	0.5	PASS
		5795	35.60	5777.32	5812.92	0.5	PASS
11AC20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
		5785	17.04	5776.44	5793.48	0.5	PASS
		5825	17.32	5816.20	5833.52	0.5	PASS
11AC40SISO	Ant1	5755	35.52	5737.24	5772.76	0.5	PASS
		5795	35.36	5777.24	5812.60	0.5	PASS
11AC80SISO	Ant1	5775	75.52	5737.24	5812.76	0.5	PASS

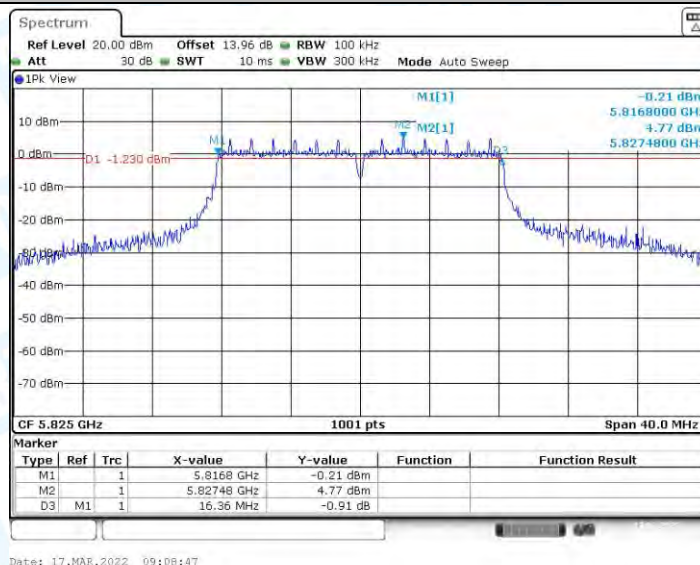
3.2. Test Graphs



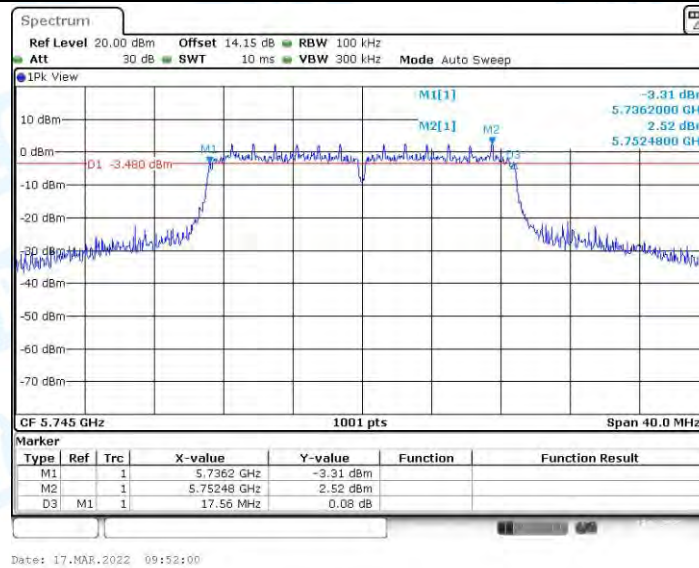
11A_Ant1_5745



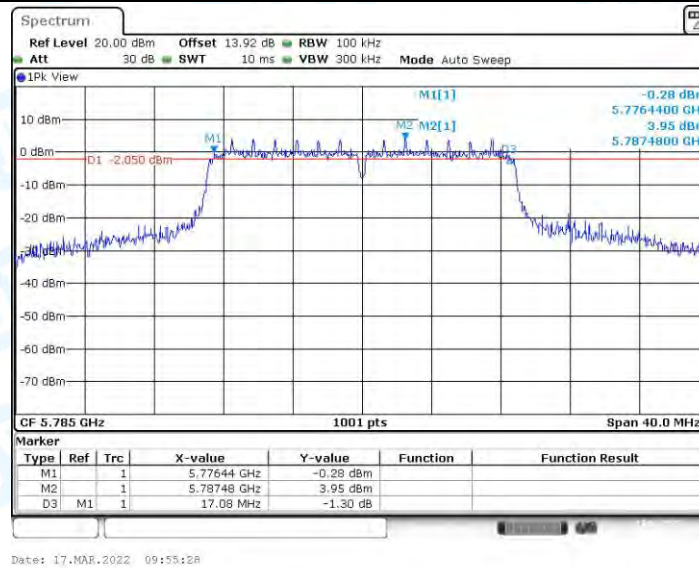
11A_Ant1_5785



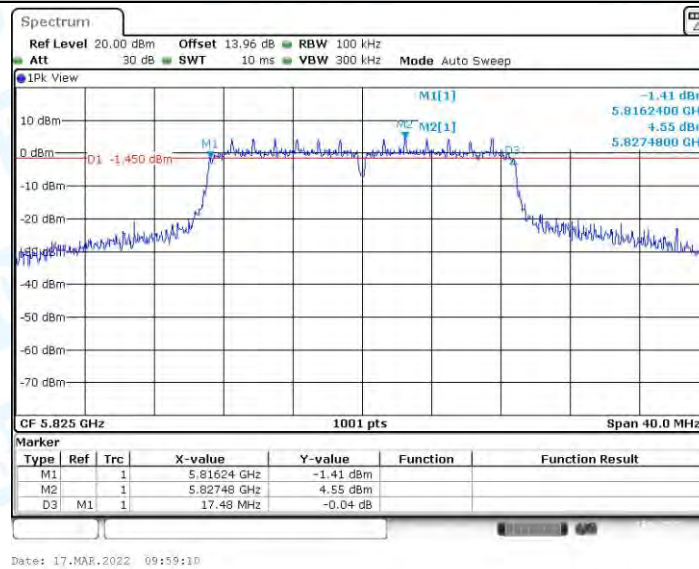
11A_Ant1_5825



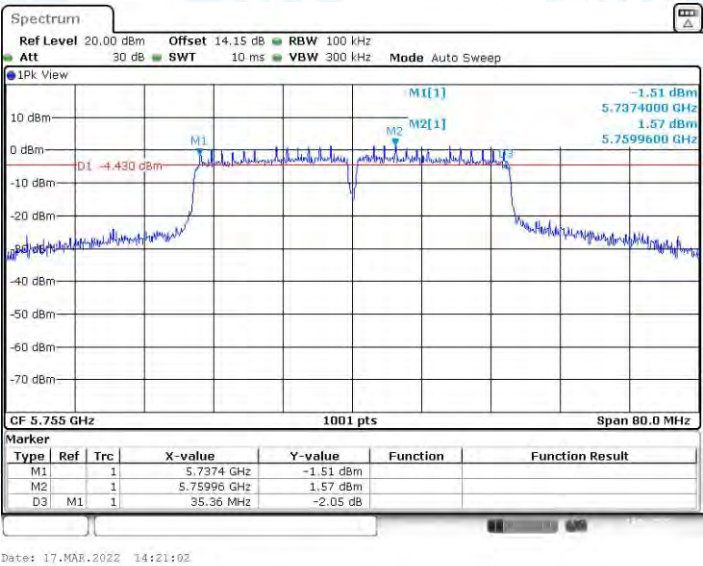
11N20SISO_Ant1_5745



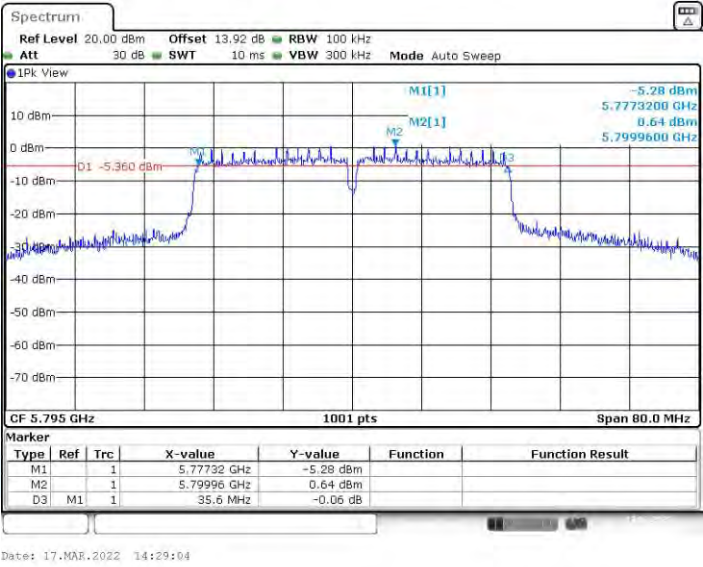
11N20SISO_Ant1_5785



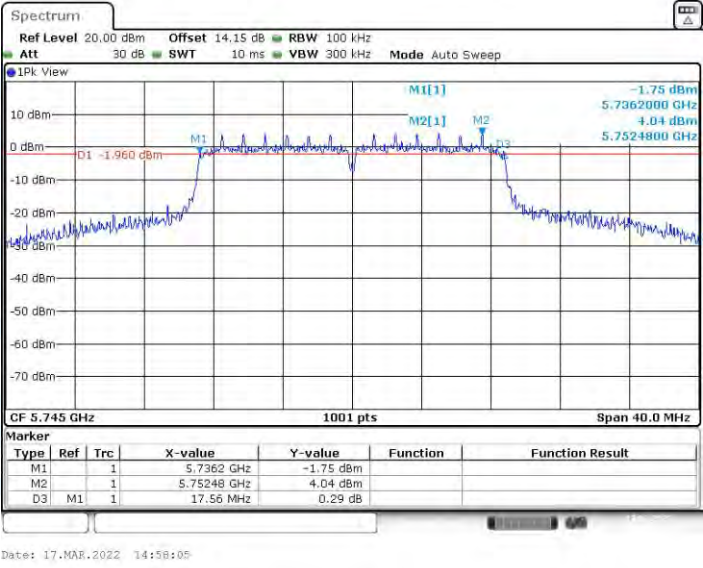
11N20SISO_Ant1_5825



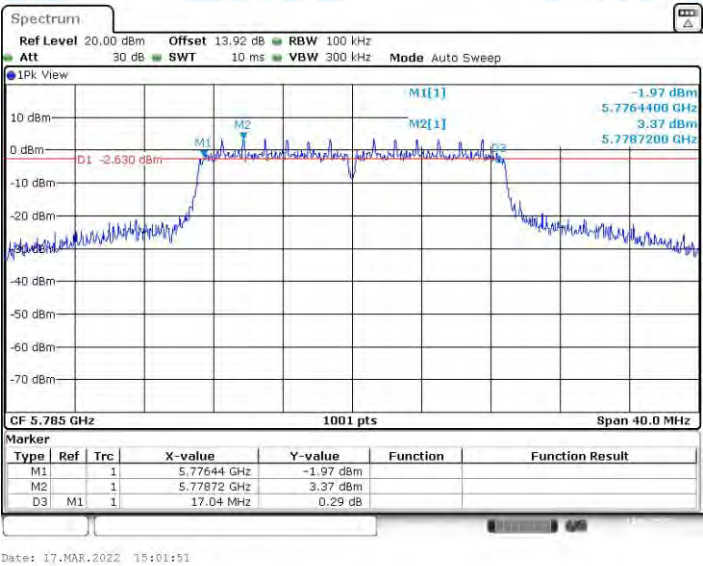
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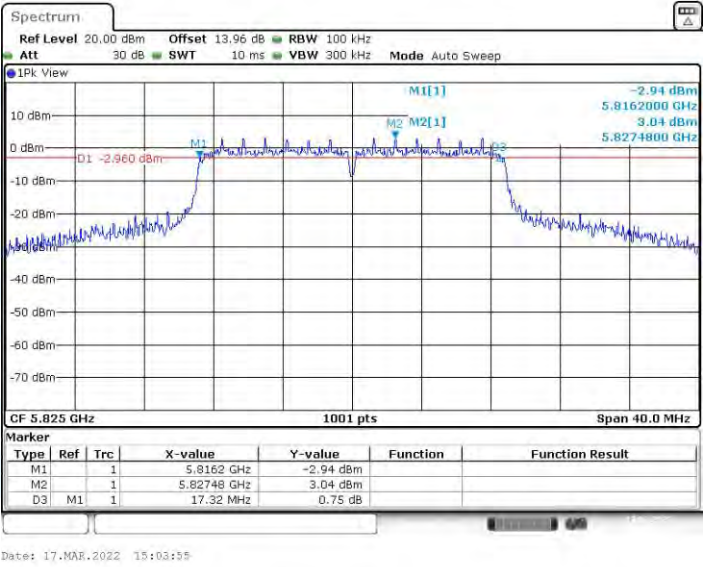
11N40SISO_Ant1_5795



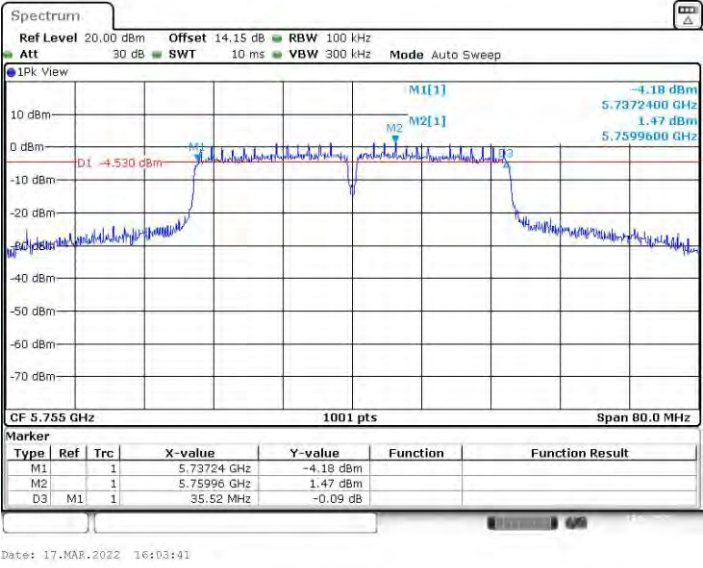
11AC20SISO_Ant1_5745



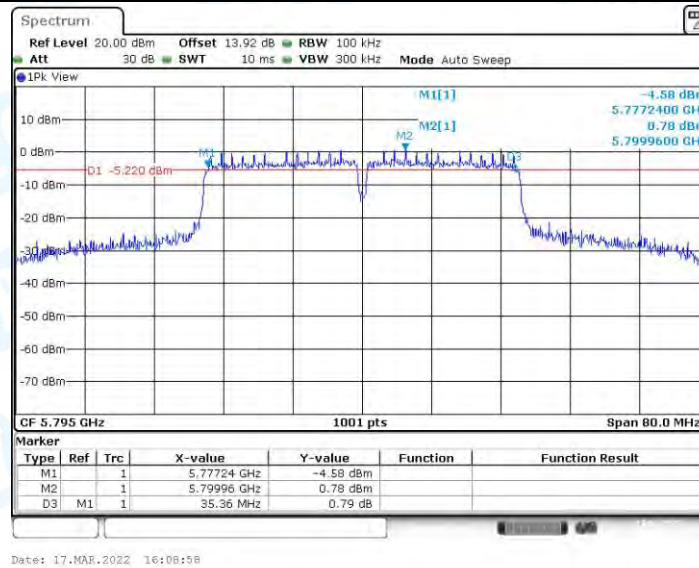
11AC20SISO_Ant1_5785



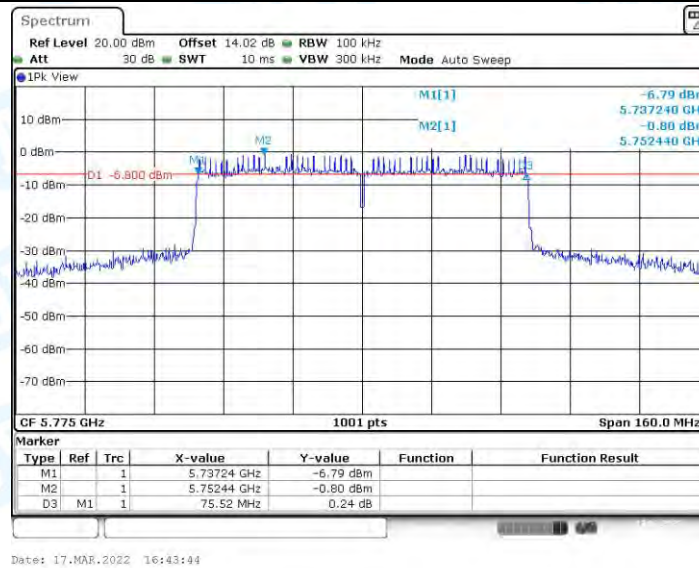
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

4. Maximum conducted output power and E.I.R.P

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	17.51	≤23.98	PASS
		5220	17.13	≤23.98	PASS
		5240	17.51	≤23.98	PASS
		5500	15.71	≤23.98	PASS
		5580	15.54	≤23.98	PASS
		5700	15.97	≤23.98	PASS
		5745	16.94	≤30.00	PASS
		5785	16.16	≤30.00	PASS
		5825	16.62	≤30.00	PASS
11N20SISO	Ant1	5180	17.85	≤23.98	PASS
		5220	16.25	≤23.98	PASS
		5240	15.37	≤23.98	PASS
		5500	15.55	≤23.98	PASS
		5580	15.97	≤23.98	PASS
		5700	16.00	≤23.98	PASS
		5745	16.21	≤30.00	PASS
		5785	15.74	≤30.00	PASS
		5825	16.43	≤30.00	PASS
11N40SISO	Ant1	5190	15.38	≤23.98	PASS
		5230	14.13	≤23.98	PASS
		5510	13.48	≤23.98	PASS
		5550	13.64	≤23.98	PASS
		5670	13.86	≤23.98	PASS
		5755	15.76	≤30.00	PASS
		5795	14.69	≤30.00	PASS
11AC20SISO	Ant1	5180	16.42	≤23.98	PASS
		5220	15.52	≤23.98	PASS
		5240	14.99	≤23.98	PASS
		5500	14.87	≤23.98	PASS
		5580	14.24	≤23.98	PASS
		5700	14.00	≤23.98	PASS
		5745	15.53	≤30.00	PASS
		5785	15.35	≤30.00	PASS
		5825	15.39	≤30.00	PASS
11AC40SISO	Ant1	5190	16.05	≤23.98	PASS
		5230	15.75	≤23.98	PASS
		5510	14.47	≤23.98	PASS
		5550	14.19	≤23.98	PASS
		5670	13.95	≤23.98	PASS
		5755	15.87	≤30.00	PASS
		5795	15.08	≤30.00	PASS

11AC80SISO	Ant1	5210	15.72	≤23.98	PASS
		5530	15.00	≤23.98	PASS
		5610	14.37	≤23.98	PASS
		5775	16.02	≤30.00	PASS

TestMode	Antenna	Channel	Peak power [dBm]	Antenna Gain[dBi]	E.I.R.P[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	17.51	0.5	18.01	≤23.98	PASS
		5220	17.13	0.5	17.63	≤23.98	PASS
		5240	17.51	0.5	18.01	≤23.98	PASS
		5500	15.71	0.5	16.21	≤23.98	PASS
		5580	15.54	0.5	16.04	≤23.98	PASS
		5700	15.97	0.5	16.47	≤23.98	PASS
		5745	16.94	0.5	17.44	≤30.00	PASS
		5785	16.16	0.5	16.66	≤30.00	PASS
		5825	16.62	0.5	17.12	≤30.00	PASS
11N20SISO	Ant1	5180	17.85	0.5	18.35	≤23.98	PASS
		5220	16.25	0.5	16.75	≤23.98	PASS
		5240	15.37	0.5	15.87	≤23.98	PASS
		5500	15.55	0.5	16.05	≤23.98	PASS
		5580	15.97	0.5	16.47	≤23.98	PASS
		5700	16.00	0.5	16.50	≤23.98	PASS
		5745	16.21	0.5	16.71	≤30.00	PASS
		5785	15.74	0.5	16.24	≤30.00	PASS
		5825	16.43	0.5	16.93	≤30.00	PASS
11N40SISO	Ant1	5190	15.38	0.5	15.88	≤23.98	PASS
		5230	14.13	0.5	14.63	≤23.98	PASS
		5510	13.48	0.5	13.98	≤23.98	PASS
		5550	13.64	0.5	14.14	≤23.98	PASS
		5670	13.86	0.5	14.36	≤23.98	PASS
		5755	15.76	0.5	16.26	≤30.00	PASS
		5795	14.69	0.5	15.19	≤30.00	PASS
11AC20SISO	Ant1	5180	16.42	0.5	16.92	≤23.98	PASS
		5220	15.52	0.5	16.02	≤23.98	PASS
		5240	14.99	0.5	15.49	≤23.98	PASS
		5500	14.87	0.5	15.37	≤23.98	PASS
		5580	14.24	0.5	14.74	≤23.98	PASS
		5700	14.00	0.5	14.50	≤23.98	PASS
		5745	15.53	0.5	16.03	≤30.00	PASS
		5785	15.35	0.5	15.85	≤30.00	PASS
		5825	15.39	0.5	15.89	≤30.00	PASS
11AC40SISO	Ant1	5190	16.05	0.5	16.55	≤23.98	PASS
		5230	15.75	0.5	16.25	≤23.98	PASS
		5510	14.47	0.5	14.97	≤23.98	PASS
		5550	14.19	0.5	14.69	≤23.98	PASS
		5670	13.95	0.5	14.45	≤23.98	PASS
		5755	15.87	0.5	16.37	≤30.00	PASS
		5795	15.08	0.5	15.58	≤30.00	PASS
11AC80SISO	Ant1	5210	15.72	0.5	16.22	≤23.98	PASS

		5530	15.00	0.5	15.50	≤23.98	PASS
		5610	14.37	0.5	14.87	≤23.98	PASS
		5775	16.02	0.5	16.52	≤30.00	PASS

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	FCC Limit[dBm/MHz]	IC Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.49	≤11.00	≤10.00	PASS
		5220	6.02	≤11.00	≤10.00	PASS
		5240	6.35	≤11.00	≤10.00	PASS
		5500	4.54	≤11.00	≤11.00	PASS
		5580	4.56	≤11.00	≤11.00	PASS
		5700	4.6	≤11.00	≤11.00	PASS
		5745	3.02	≤30.00	≤30.00	PASS
		5785	2.2	≤30.00	≤30.00	PASS
		5825	2.66	≤30.00	≤30.00	PASS
11N20SISO	Ant1	5180	6.47	≤11.00	≤10.00	PASS
		5220	5.01	≤11.00	≤10.00	PASS
		5240	3.91	≤11.00	≤10.00	PASS
		5500	4.34	≤11.00	≤11.00	PASS
		5580	4.7	≤11.00	≤11.00	PASS
		5700	3.83	≤11.00	≤11.00	PASS
		5745	2.47	≤30.00	≤30.00	PASS
		5785	2	≤30.00	≤30.00	PASS
		5825	1.01	≤30.00	≤30.00	PASS
11N40SISO	Ant1	5190	-0.75	≤11.00	≤10.00	PASS
		5230	-0.31	≤11.00	≤10.00	PASS
		5510	-0.86	≤11.00	≤11.00	PASS
		5550	-0.49	≤11.00	≤11.00	PASS
		5670	-0.52	≤11.00	≤11.00	PASS
		5755	-0.65	≤30.00	≤30.00	PASS
		5795	-1.94	≤30.00	≤30.00	PASS
11AC20SISO	Ant1	5180	5.03	≤11.00	≤10.00	PASS
		5220	4.25	≤11.00	≤10.00	PASS
		5240	3.41	≤11.00	≤10.00	PASS
		5500	0.33	≤11.00	≤11.00	PASS
		5580	2.87	≤11.00	≤11.00	PASS
		5700	2.56	≤11.00	≤11.00	PASS
		5745	1.57	≤30.00	≤30.00	PASS
		5785	1.18	≤30.00	≤30.00	PASS
		5825	1.35	≤30.00	≤30.00	PASS
11AC40SISO	Ant1	5190	1.91	≤11.00	≤10.00	PASS
		5230	1.67	≤11.00	≤10.00	PASS
		5510	0.4	≤11.00	≤11.00	PASS
		5550	0.09	≤11.00	≤11.00	PASS
		5670	-0.4	≤11.00	≤11.00	PASS

11AC80SISO	Ant1	5755	-8.56	≤30.00	≤30.00	PASS
		5795	-1.79	≤30.00	≤30.00	PASS
		5210	-1.18	≤11.00	≤10.00	PASS
		5530	-5.68	≤11.00	≤11.00	PASS
		5610	-2.73	≤11.00	≤11.00	PASS
		5775	-2.85	≤30.00	≤30.00	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



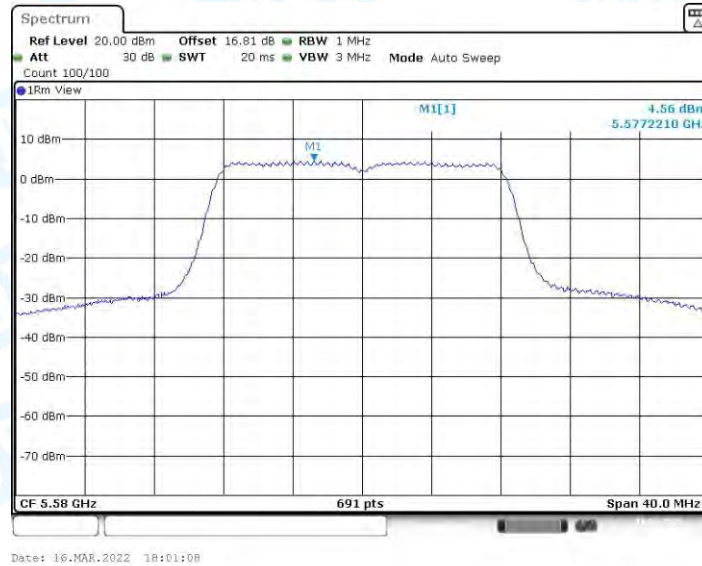
11A_Ant1_5220



11A_Ant1_5240



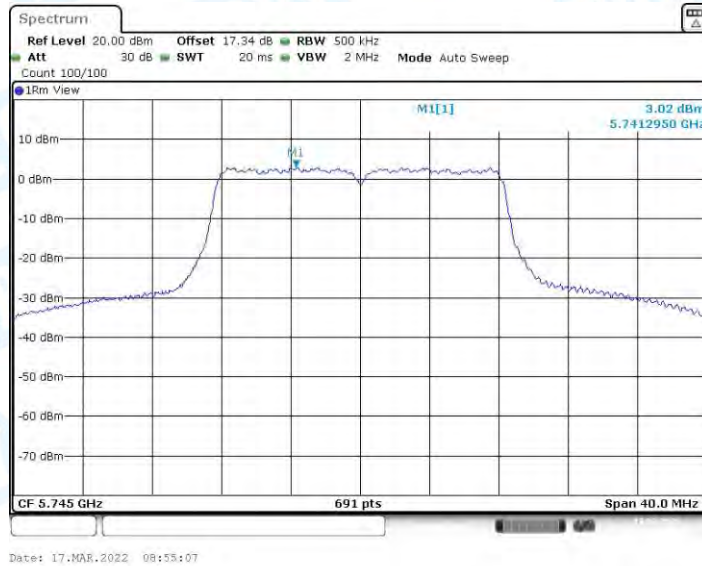
11A_Ant1_5500



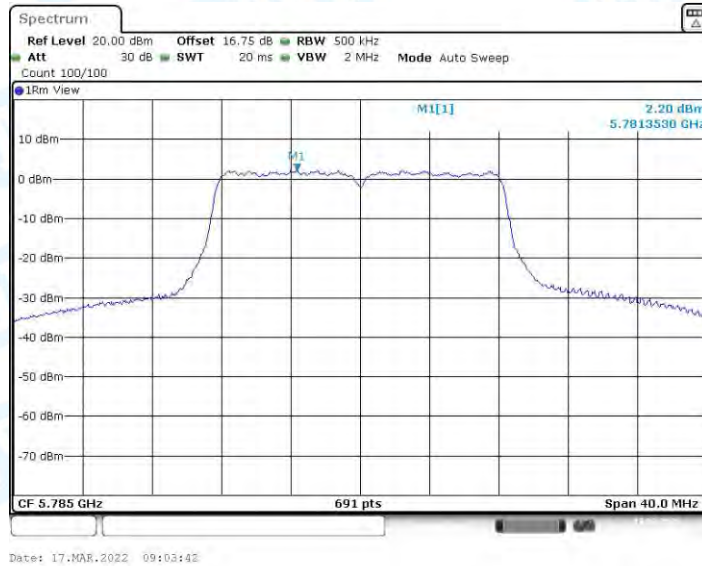
11A_Ant1_5580



11A_Ant1_5700



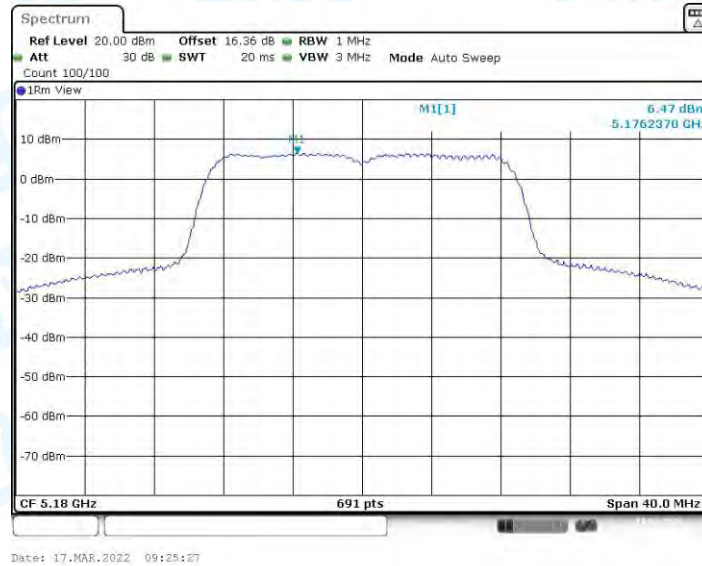
11A_Ant1_5745



11A_Ant1_5785



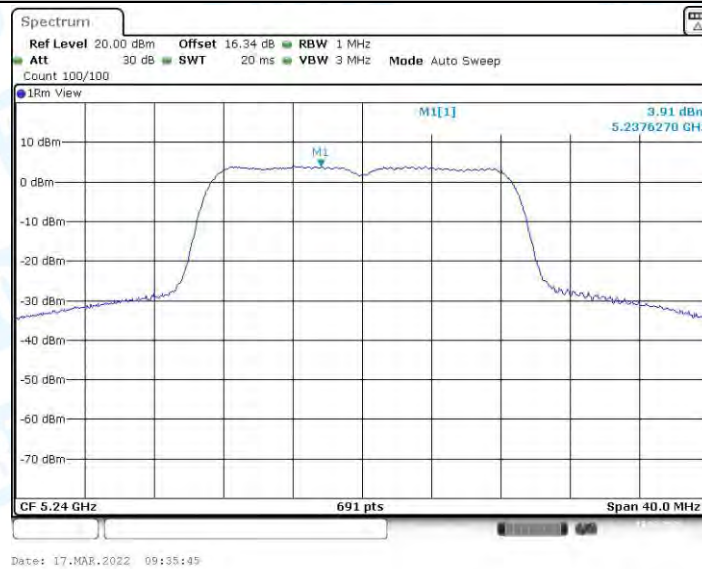
11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



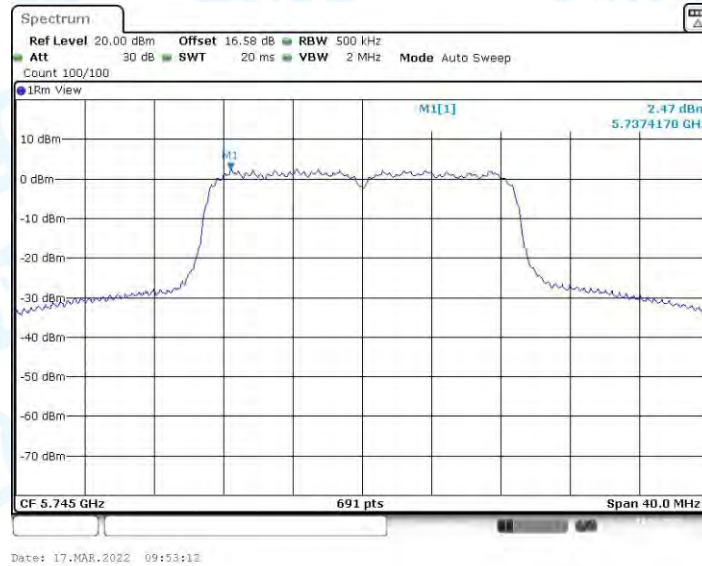
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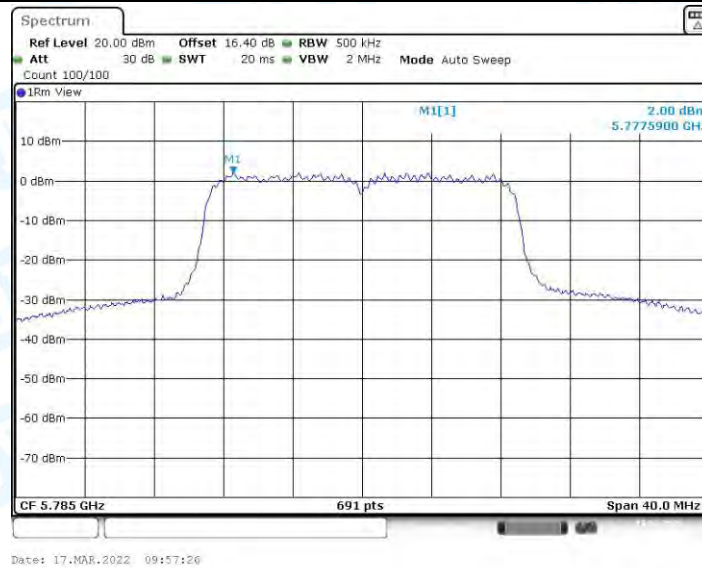
11N20SISO_Ant1_5580



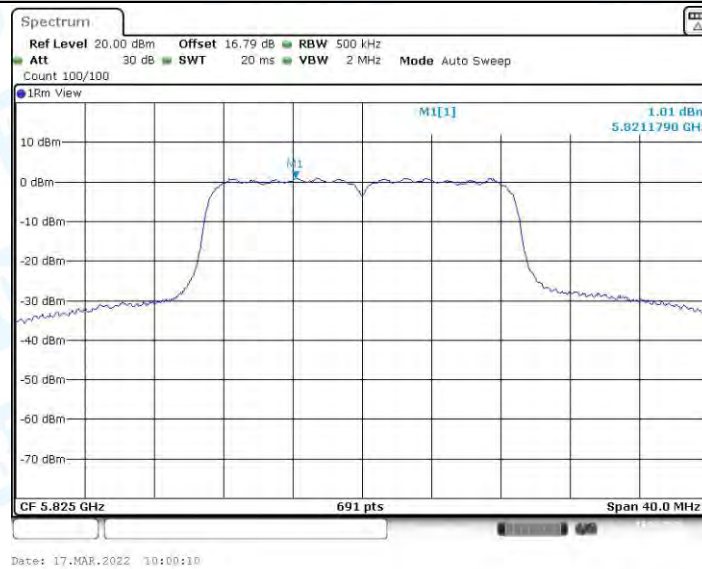
11N20SISO_Ant1_5700



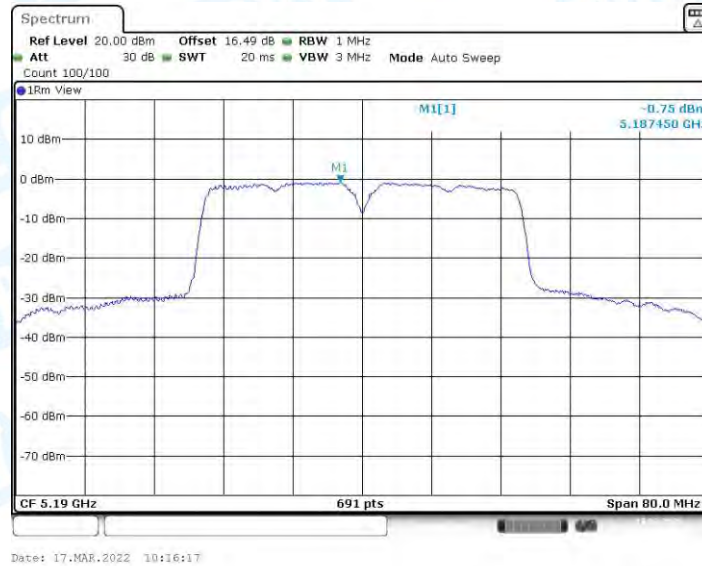
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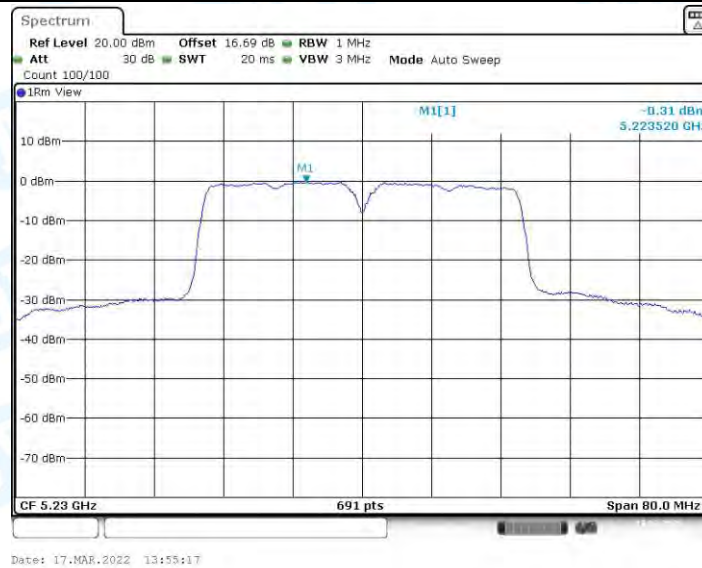
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



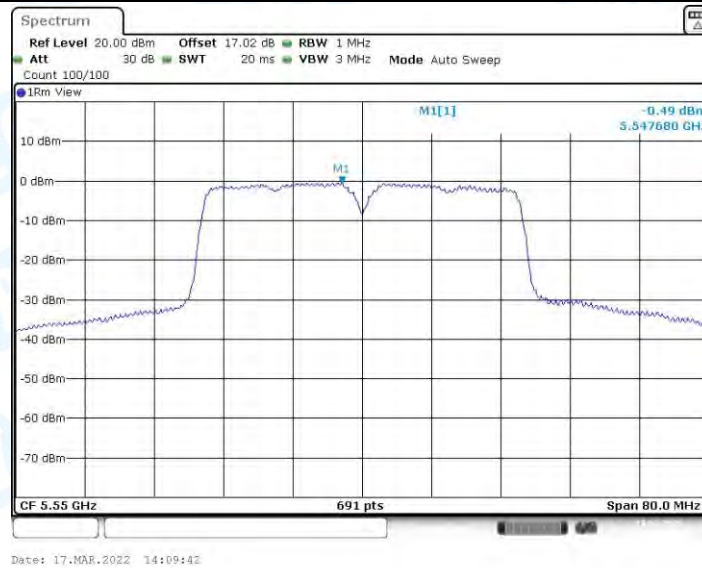
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



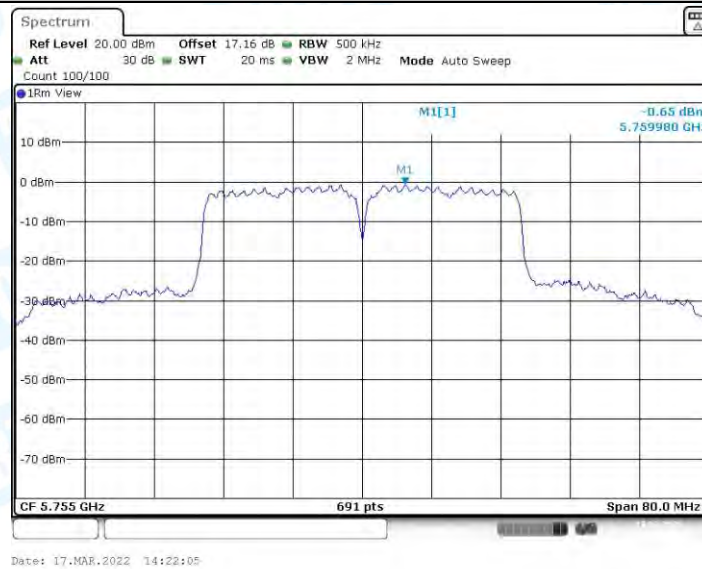
11N40SISO_Ant1_5510



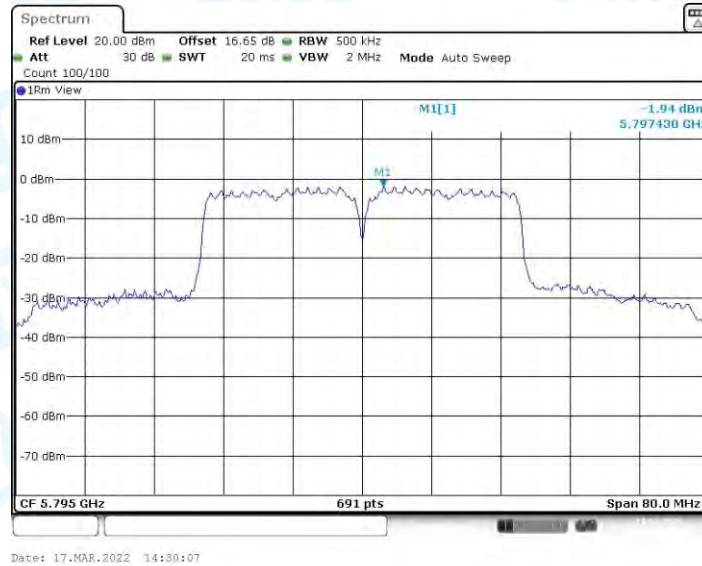
11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



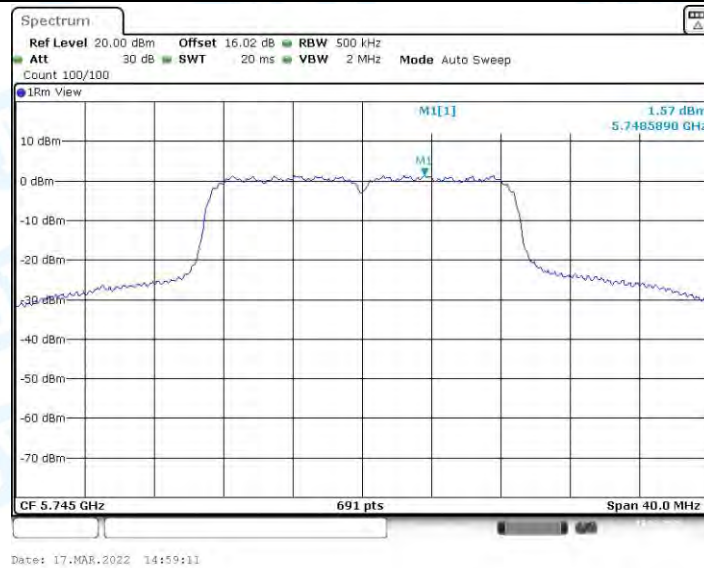
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



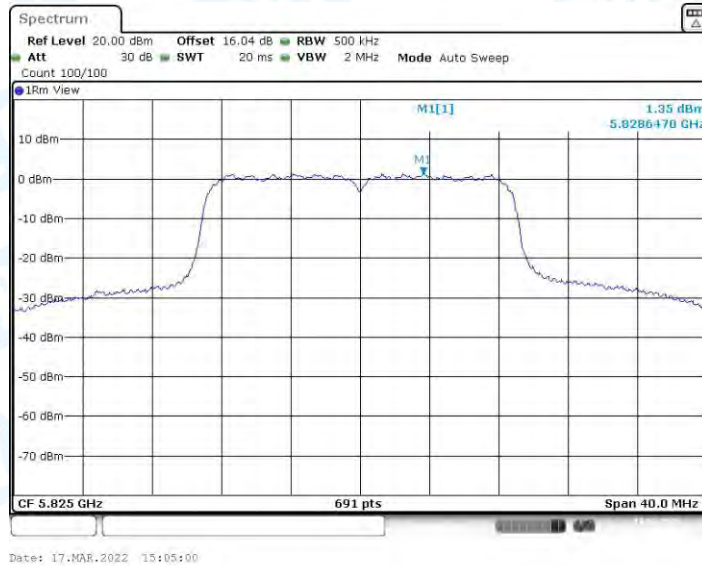
11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



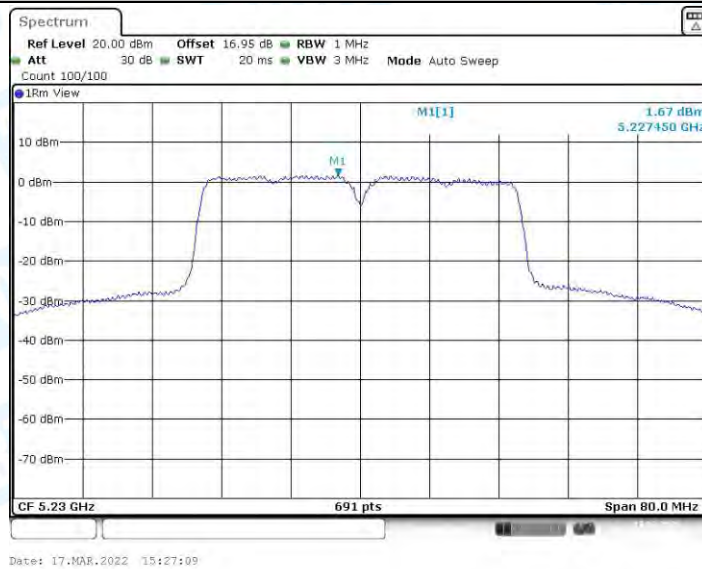
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



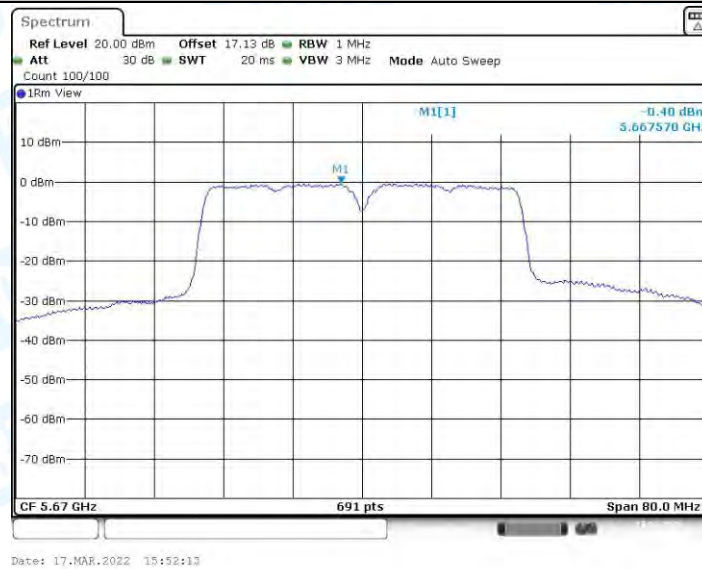
11AC40SISO_Ant1_5230



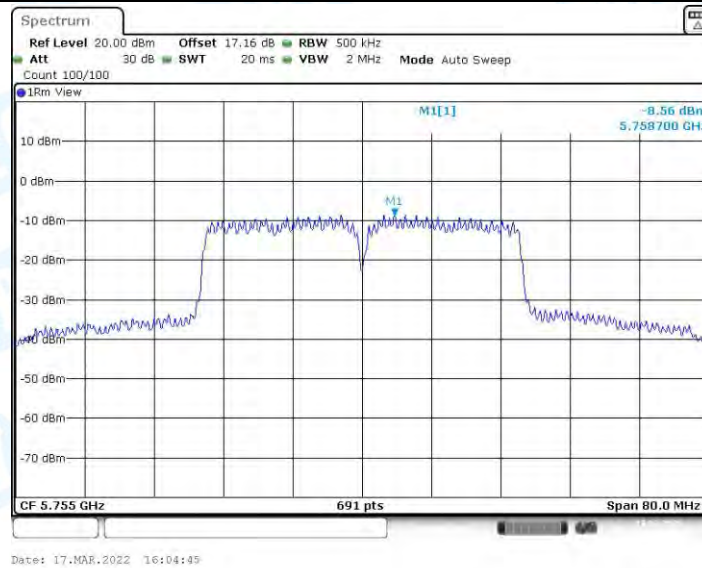
11AC40SISO_Ant1_5510



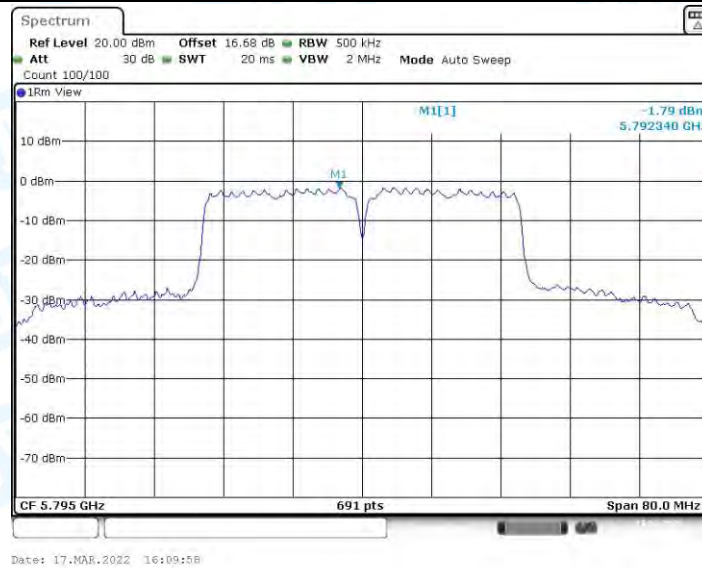
11AC40SISO_Ant1_5550



11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



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	-53.32	≤-41.20	PASS
				AV	5149.275	-44.77	≤-41.20	PASS
				AV	5150.000	-43.82	≤-41.20	PASS
				Peak	4500.000	-43.17	≤-21.20	PASS
				Peak	5148.261	-31.66	≤-21.20	PASS
				Peak	5150.000	-32.18	≤-21.20	PASS
			5500	AV	5460.000	-46.9	≤-41.20	PASS
				AV	5470.000	-43.85	≤-41.20	PASS
				Peak	5460.000	-38.28	≤-21.20	PASS
				Peak	5469.913	-32.93	≤-21.20	PASS
				Peak	5470.000	-32.99	≤-21.20	PASS
		High	5700	AV	5725.000	-45.57	≤-41.20	PASS
				AV	5727.217	-45.3	≤-41.20	PASS
				AV	5735.000	-50.05	≤-41.20	PASS
				Peak	5725.000	-29.14	≤-21.20	PASS
				Peak	5725.043	-29.14	≤-21.20	PASS
				Peak	5735.000	-39.74	≤-21.20	PASS
		Low	5745	Peak	5650.000	-43.65	≤-27.00	PASS
				Peak	5700.000	-39.28	≤10.00	PASS
				Peak	5720.000	-30.28	≤15.60	PASS
				Peak	5725.000	-15.38	≤27.00	PASS
		High	5825	Peak	5850.000	-25.3	≤15.60	PASS
				Peak	5855.000	-30.37	≤27.00	PASS
				Peak	5875.000	-35.94	≤15.60	PASS
				Peak	5925.000	-43.09	≤10.00	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-54.23	≤-41.20	PASS
				AV	5148.261	-42.9	≤-41.20	PASS
				AV	5150.000	-42.43	≤-41.20	PASS
				Peak	4500.000	-44.25	≤-21.20	PASS
				Peak	5149.275	-29.59	≤-21.20	PASS
				Peak	5150.000	-28.57	≤-21.20	PASS
			5500	AV	5460.000	-46.5	≤-41.20	PASS
				AV	5470.000	-41.68	≤-41.20	PASS
				Peak	5460.000	-37.48	≤-21.20	PASS
				Peak	5469.652	-22.78	≤-21.20	PASS
				Peak	5470.000	-22.9	≤-21.20	PASS
		High	5700	AV	5725.000	-43.62	≤-41.20	PASS
				AV	5725.043	-43.62	≤-41.20	PASS
				AV	5735.000	-49.29	≤-41.20	PASS
				Peak	5725.000	-27.19	≤-21.20	PASS

				Peak	5725.478	-26.32	≤-21.20	PASS
				Peak	5735.000	-38.5	≤-21.20	PASS
				Peak	5650.000	-42.46	≤-27.00	PASS
				Peak	5700.000	-39.64	≤10.00	PASS
				Peak	5720.000	-23.98	≤15.60	PASS
				Peak	5725.000	-15.38	≤27.00	PASS
				Peak	5850.000	-28.24	≤15.60	PASS
				Peak	5855.000	-32.44	≤27.00	PASS
				Peak	5875.000	-36.47	≤15.60	PASS
				Peak	5925.000	-42.17	≤10.00	PASS
				AV	4500.000	-53.57	≤-41.20	PASS
				AV	4727.246	-47.67	≤-41.20	PASS
				AV	5150.000	-50.5	≤-41.20	PASS
				Peak	4500.000	-43.4	≤-21.20	PASS
11N40SISO	Ant1	Low	5190	Peak	5149.275	-36.36	≤-21.20	PASS
				Peak	5150.000	-36.81	≤-21.20	PASS
				AV	5460.000	-50.22	≤-41.20	PASS
				AV	5468.971	-48.96	≤-41.20	PASS
				AV	5470.000	-49.23	≤-41.20	PASS
				Peak	5460.000	-41.78	≤-21.20	PASS
			5510	Peak	5469.884	-40.56	≤-21.20	PASS
				Peak	5470.000	-40.59	≤-21.20	PASS
				AV	5725.000	-51.68	≤-41.20	PASS
				AV	5726.087	-49.58	≤-41.20	PASS
				AV	5735.000	-51.43	≤-41.20	PASS
				Peak	5725.000	-44.08	≤-21.20	PASS
		High	5670	Peak	5728.986	-40.84	≤-21.20	PASS
				Peak	5735.000	-43.07	≤-21.20	PASS
				Peak	5650.000	-42.78	≤-27.00	PASS
				Peak	5700.000	-34.01	≤10.00	PASS
				Peak	5720.000	-15.22	≤15.60	PASS
				Peak	5725.000	-15.52	≤27.00	PASS
		Low	5755	Peak	5850.000	-33.28	≤15.60	PASS
				Peak	5855.000	-33.79	≤27.00	PASS
				Peak	5875.000	-41.27	≤15.60	PASS
				Peak	5925.000	-43.07	≤10.00	PASS
		High	5795	AV	4500.000	-53.96	≤-41.20	PASS
				AV	5149.275	-44.76	≤-41.20	PASS
				AV	5150.000	-43.03	≤-41.20	PASS
				Peak	4500.000	-44.54	≤-21.20	PASS
11AC20SISO	Ant1	Low	5180	Peak	5147.246	-31.41	≤-21.20	PASS
				Peak	5150.000	-31.36	≤-21.20	PASS
				AV	5460.000	-49.63	≤-41.20	PASS
				AV	5469.217	-46.08	≤-41.20	PASS
				AV	5470.000	-46.36	≤-41.20	PASS
				Peak	5460.000	-39.83	≤-21.20	PASS
			5500	AV	4500.000	-53.96	≤-41.20	PASS
				AV	5149.275	-44.76	≤-41.20	PASS
				AV	5150.000	-43.03	≤-41.20	PASS
				Peak	4500.000	-44.54	≤-21.20	PASS

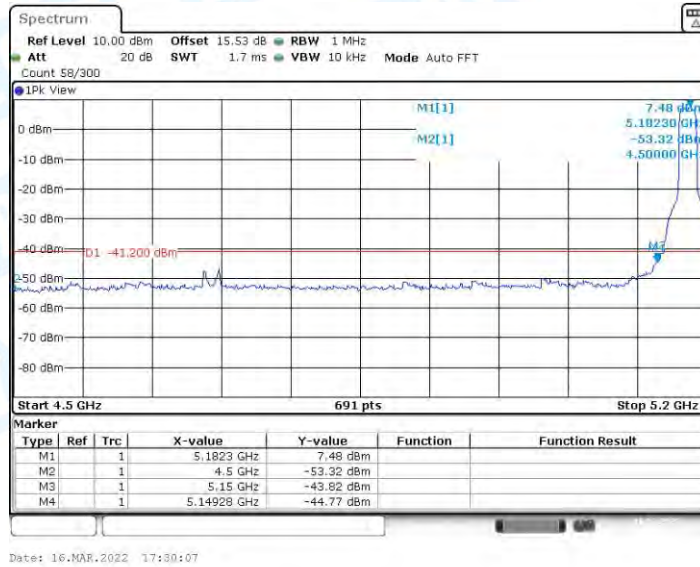
		High	5700	Peak	5470.000	-30.94	≤-21.20	PASS
				AV	5725.000	-48.66	≤-41.20	PASS
				AV	5725.565	-48.12	≤-41.20	PASS
				AV	5735.000	-50.45	≤-41.20	PASS
				Peak	5725.000	-33.12	≤-21.20	PASS
				Peak	5725.565	-31.31	≤-21.20	PASS
				Peak	5735.000	-41.33	≤-21.20	PASS
		Low	5745	Peak	5650.000	-43.73	≤-27.00	PASS
				Peak	5700.000	-36.76	≤10.00	PASS
				Peak	5720.000	-23.5	≤15.60	PASS
				Peak	5725.000	-16.6	≤27.00	PASS
		High	5825	Peak	5850.000	-25.8	≤15.60	PASS
				Peak	5855.000	-27.38	≤27.00	PASS
				Peak	5875.000	-37.98	≤15.60	PASS
				Peak	5925.000	-41.83	≤10.00	PASS
11AC40SIS O	Ant1	Low	5190	AV	4500.000	-53.65	≤-41.20	PASS
				AV	5149.275	-43.13	≤-41.20	PASS
				AV	5150.000	-42.69	≤-41.20	PASS
				Peak	4500.000	-44.14	≤-21.20	PASS
				Peak	5149.275	-31.76	≤-21.20	PASS
				Peak	5150.000	-30.77	≤-21.20	PASS
			5510	AV	5460.000	-46.87	≤-41.20	PASS
				AV	5469.580	-42.24	≤-41.20	PASS
				AV	5470.000	-42.57	≤-41.20	PASS
				Peak	5460.000	-38.42	≤-21.20	PASS
				Peak	5469.986	-31.61	≤-21.20	PASS
				Peak	5470.000	-31.61	≤-21.20	PASS
		High	5670	AV	5725.000	-49.52	≤-41.20	PASS
				AV	5725.507	-48.46	≤-41.20	PASS
				AV	5735.000	-49.4	≤-41.20	PASS
				Peak	5725.000	-45.54	≤-21.20	PASS
				Peak	5732.609	-38.43	≤-21.20	PASS
				Peak	5735.000	-43.13	≤-21.20	PASS
		Low	5755	Peak	5650.000	-43.75	≤-27.00	PASS
				Peak	5700.000	-34.24	≤10.00	PASS
				Peak	5720.000	-17.09	≤15.60	PASS
				Peak	5725.000	-16.29	≤27.00	PASS
		High	5795	Peak	5850.000	-28.62	≤15.60	PASS
				Peak	5855.000	-32.38	≤27.00	PASS
				Peak	5875.000	-41.44	≤15.60	PASS
				Peak	5925.000	-43.71	≤10.00	PASS
11AC80SIS O	Ant1	Low	5210	AV	4500.000	-53.79	≤-41.20	PASS
				AV	5125.000	-41.38	≤-41.20	PASS
				AV	5150.000	-45.55	≤-41.20	PASS
				Peak	4500.000	-43.26	≤-21.20	PASS
				Peak	5145.652	-30.74	≤-21.20	PASS

			5530	Peak	5150.000	-30.78	≤ -21.20	PASS
				AV	5460.000	-44.79	≤ -41.20	PASS
				AV	5467.522	-42.69	≤ -41.20	PASS
				AV	5470.000	-43.39	≤ -41.20	PASS
				Peak	5460.000	-35.96	≤ -21.20	PASS
				Peak	5464.130	-34.48	≤ -21.20	PASS
				Peak	5470.000	-36.06	≤ -21.20	PASS
		High	5610	AV	5725.000	-44.44	≤ -41.20	PASS
				AV	5728.261	-44.33	≤ -41.20	PASS
				AV	5735.000	-46.86	≤ -41.20	PASS
				Peak	5725.000	-35.92	≤ -21.20	PASS
				Peak	5725.652	-34.7	≤ -21.20	PASS
				Peak	5735.000	-38.66	≤ -21.20	PASS
		Low	5775	Peak	5650.000	-42.88	≤ -27.00	PASS
				Peak	5700.000	-25.39	≤ 10.00	PASS
				Peak	5720.000	-20.01	≤ 15.60	PASS
				Peak	5725.000	-19.46	≤ 27.00	PASS
		High	5775	Peak	5850.000	-20.46	≤ 15.60	PASS
				Peak	5855.000	-27.12	≤ 27.00	PASS
				Peak	5875.000	-29.6	≤ 15.60	PASS
				Peak	5925.000	-39.55	≤ 10.00	PASS

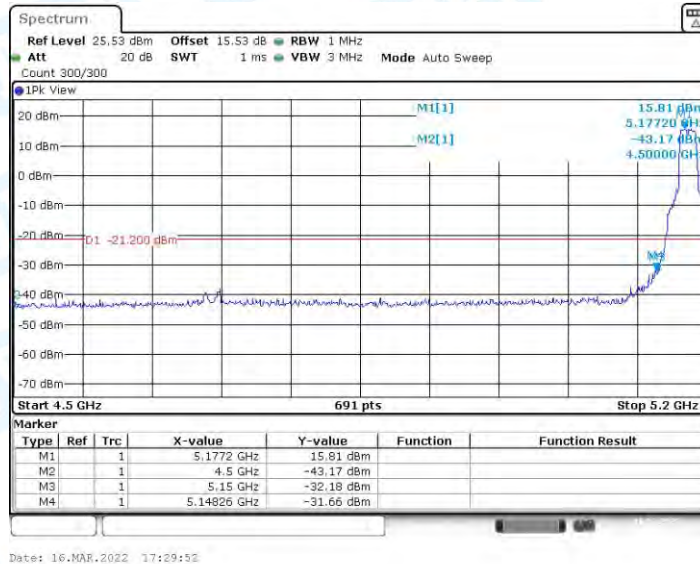
Note:

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.

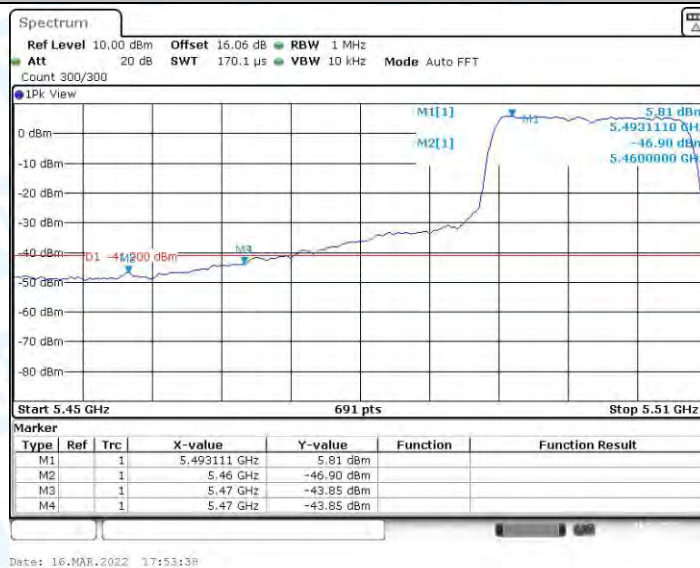
7.2. Test Graphs



11A_Ant1_Low_5180_AV



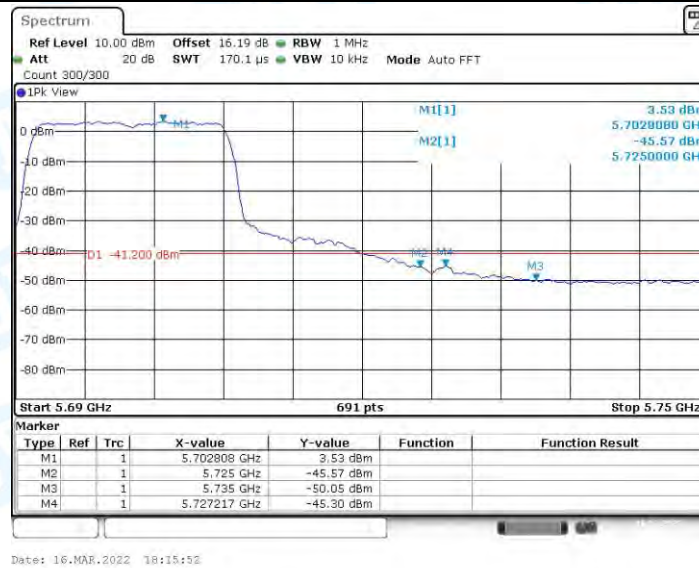
11A_Ant1_Low_5180_Peak



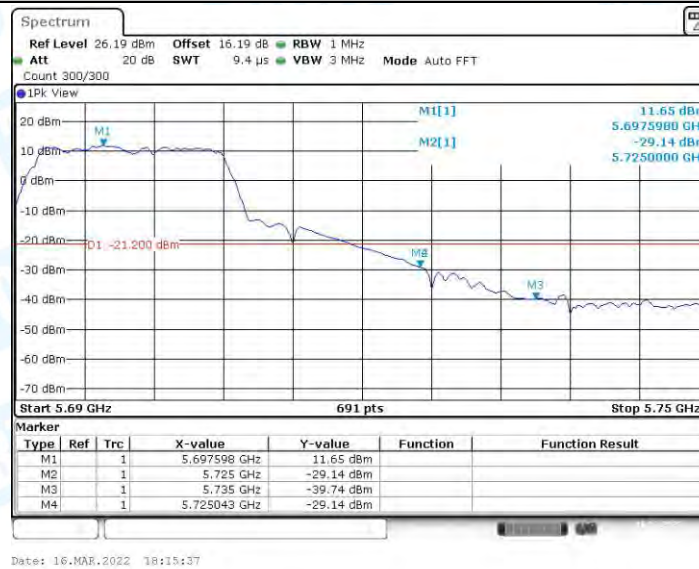
11A_Ant1_Low_5500_AV



11A_Ant1_Low_5500_Peak



11A_Ant1_High_5700_AV



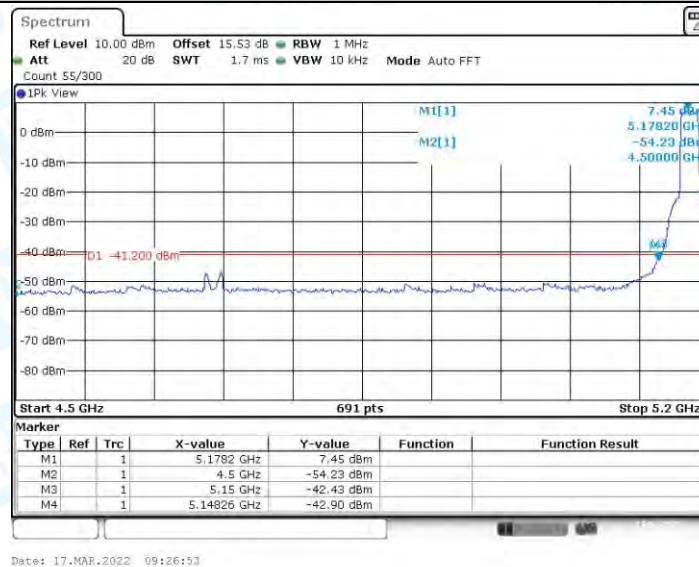
11A_Ant1_High_5700_Peak



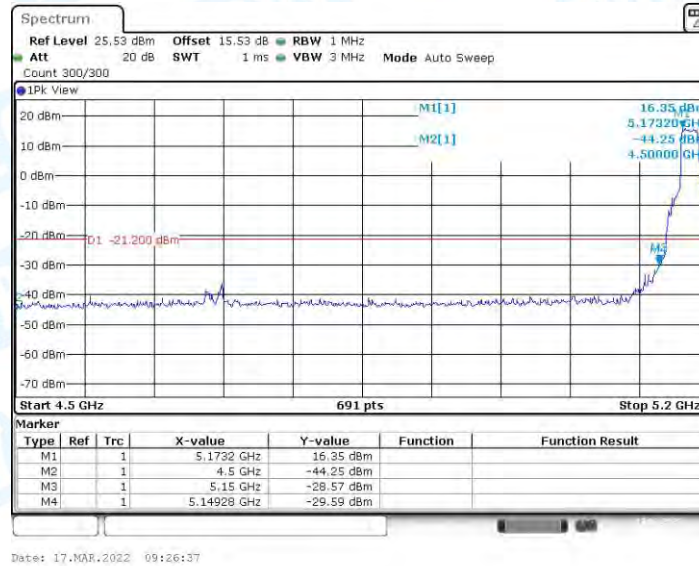
11A_Ant1_Low_5745_Peak



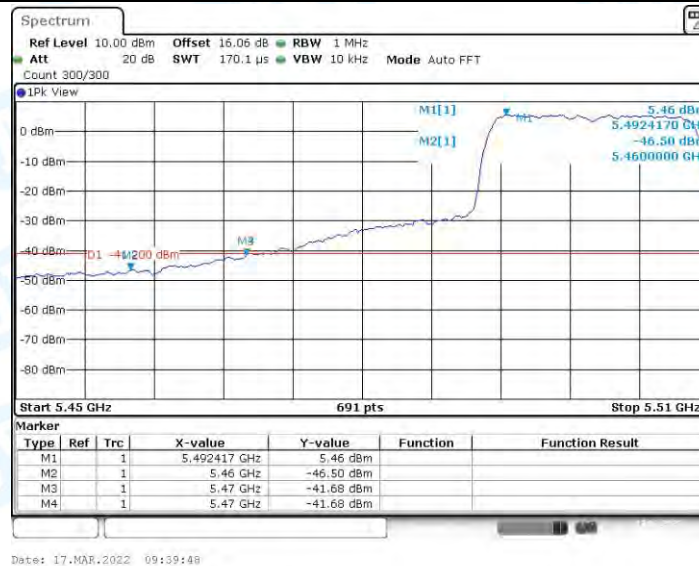
11A_Ant1_High_5825_Peak



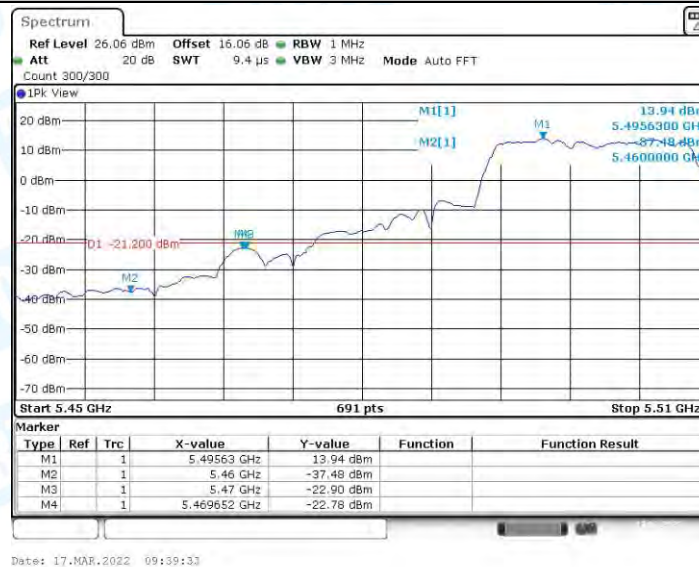
11N20SISO_Ant1_Low_5180_AV



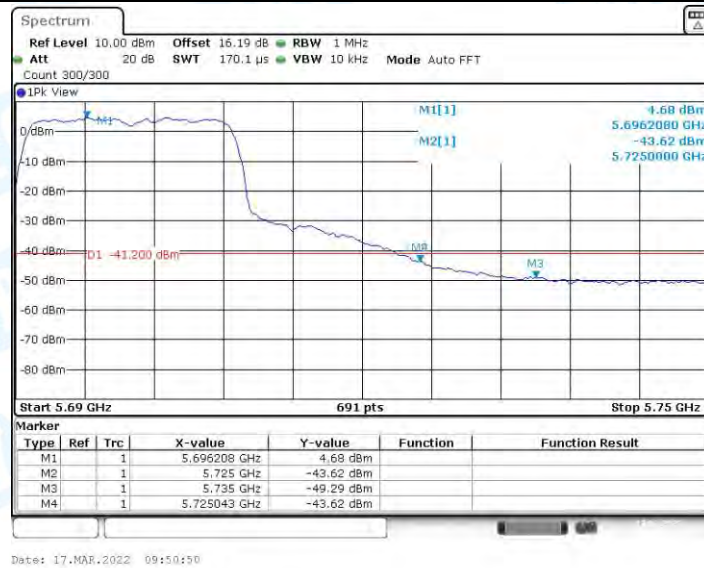
11N20SISO_Ant1_Low_5180_Peak



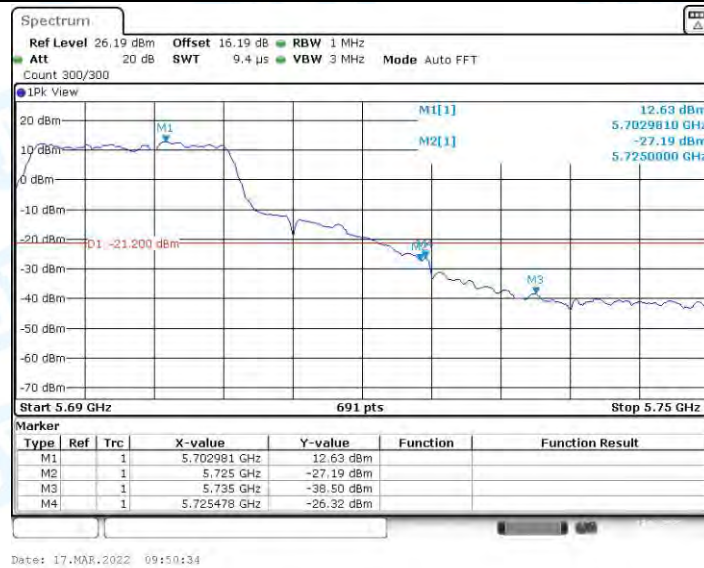
11N20SISO_Ant1_Low_5500_AV



11N20SISO_Ant1_Low_5500_Peak



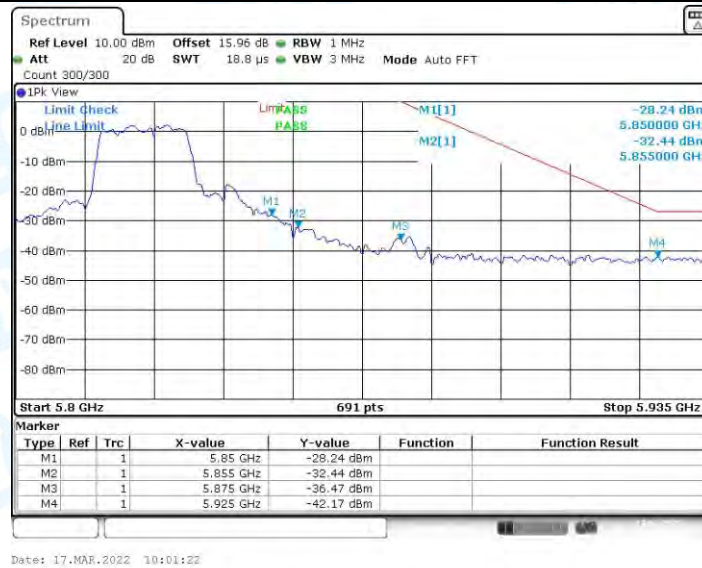
11N20SISO_Ant1_High_5700_AV



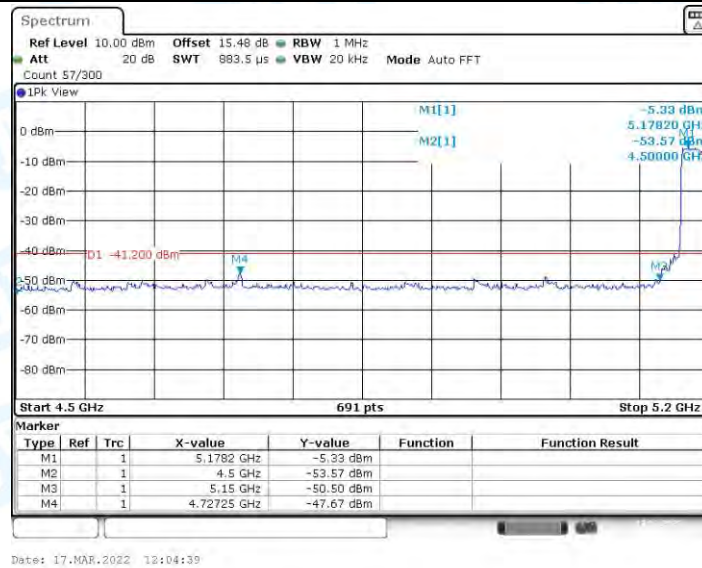
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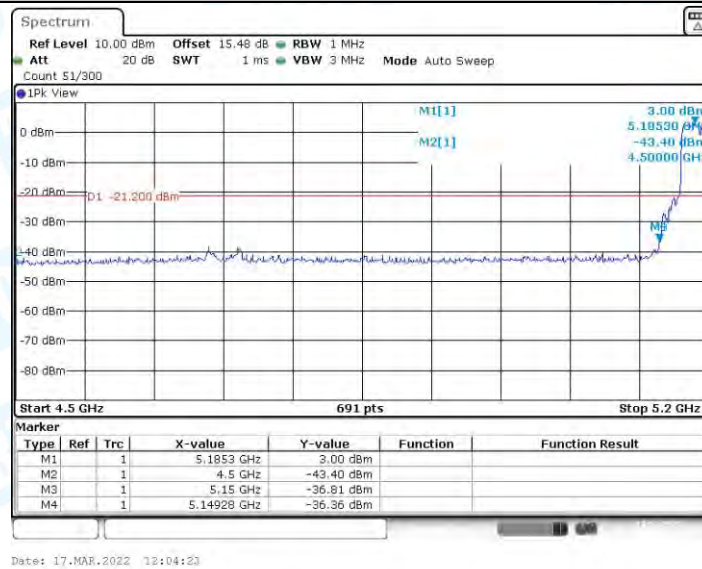
11N20SISO_Ant1_Low_5745_Peak



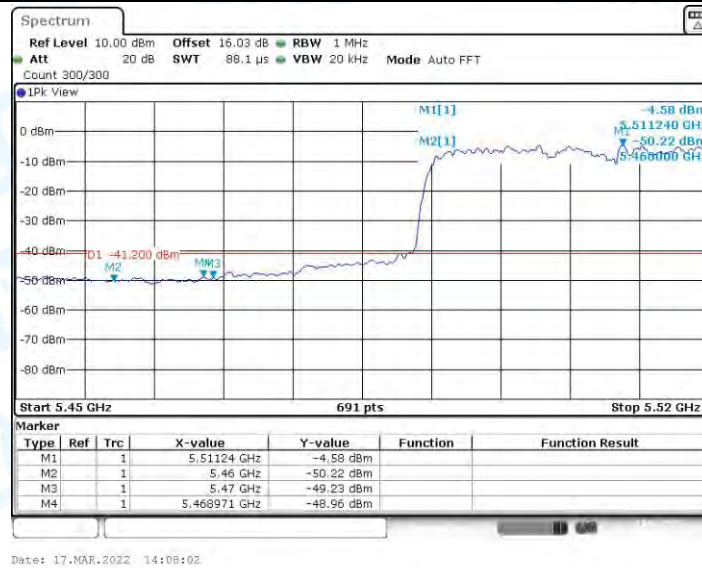
11N20SISO_Ant1_High_5825_Peak



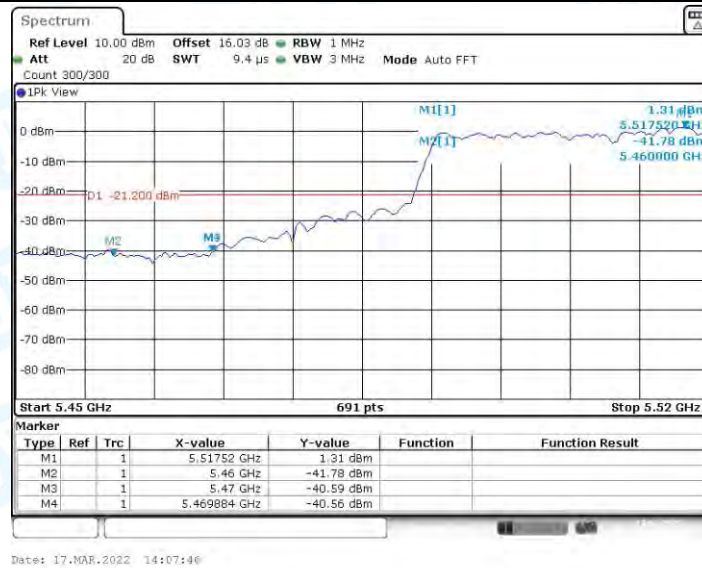
11N40SISO_Ant1_Low_5190_AV



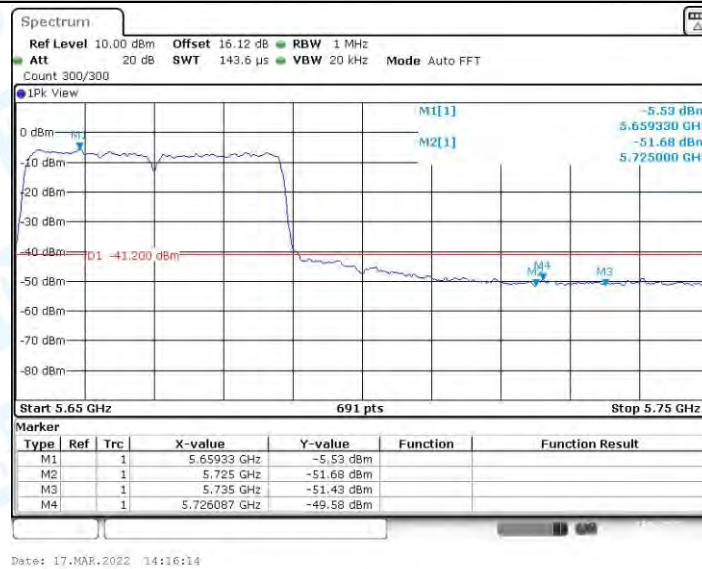
11N40SISO_Ant1_Low_5190_Peak



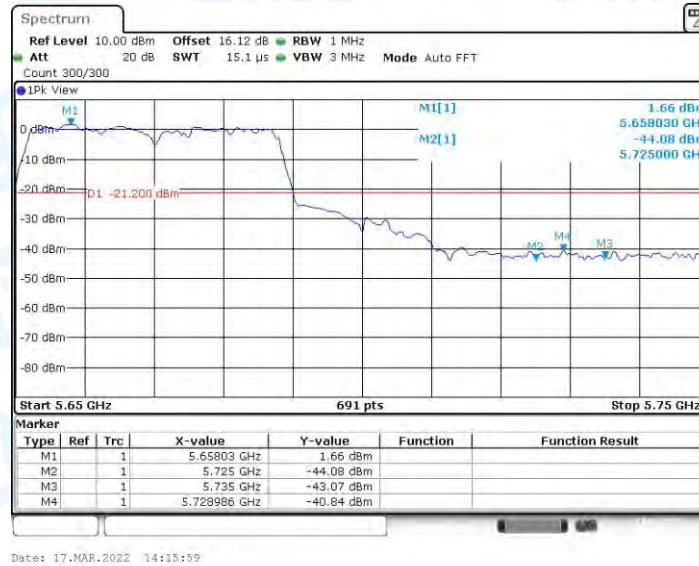
11N40SISO_Ant1_Low_5510_AV



11N40SISO_Ant1_Low_5510_Peak



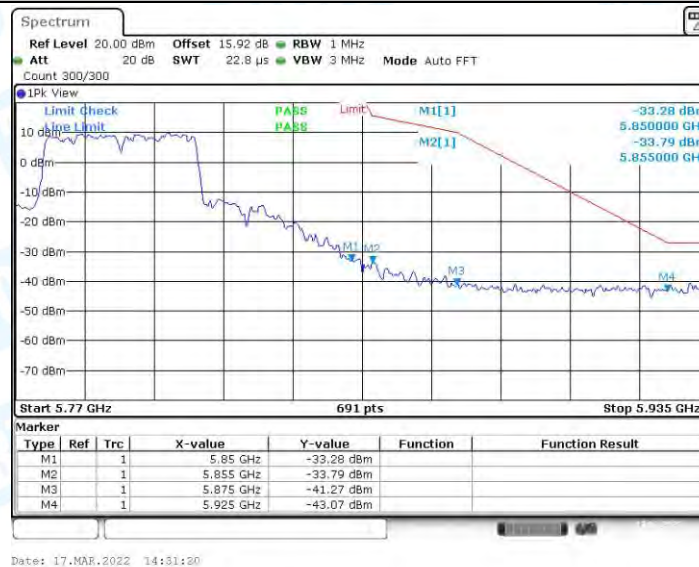
11N40SISO_Ant1_High_5670_AV



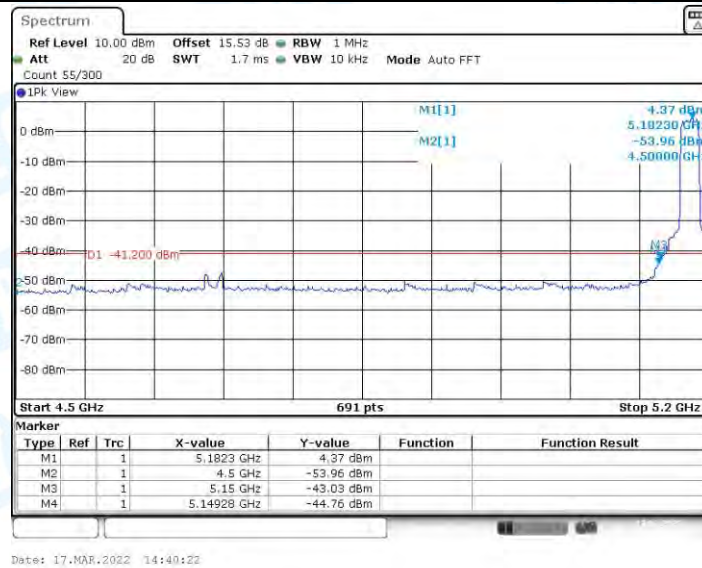
11N40SISO_Ant1_High_5670_Peak



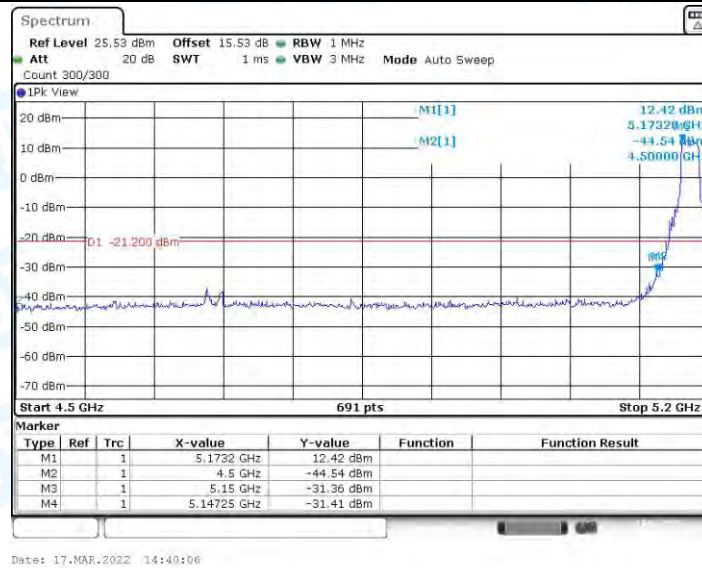
11N40SISO_Ant1_Low_5755_Peak



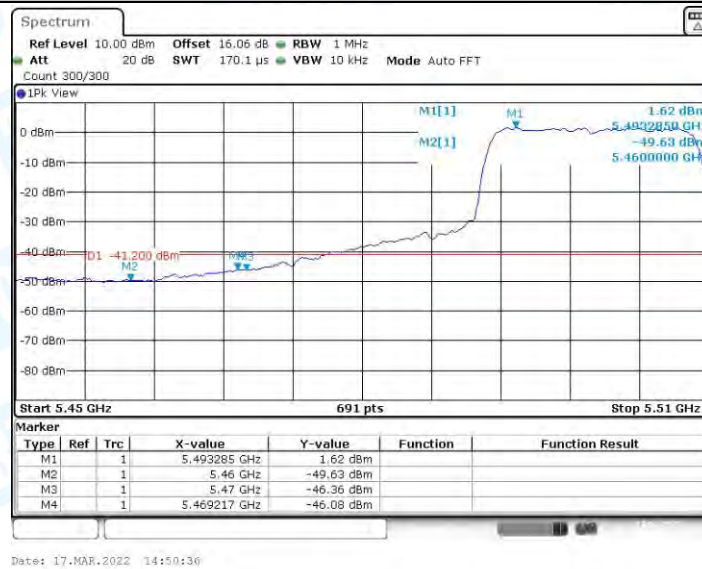
11N40SISO_Ant1_High_5795_Peak



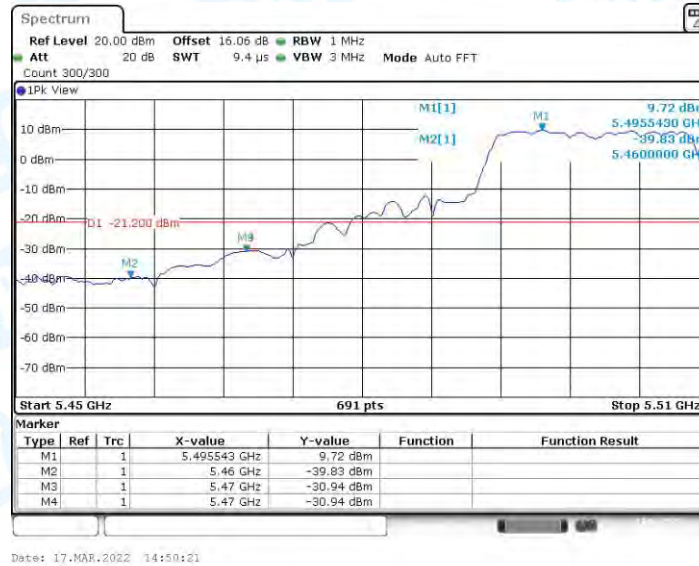
11AC20SISO_Ant1_Low_5180_AV



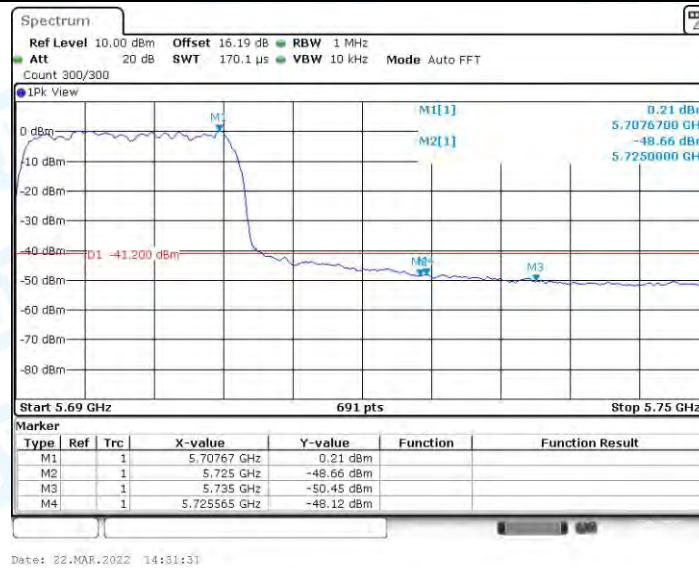
11AC20SISO_Ant1_Low_5180_Peak



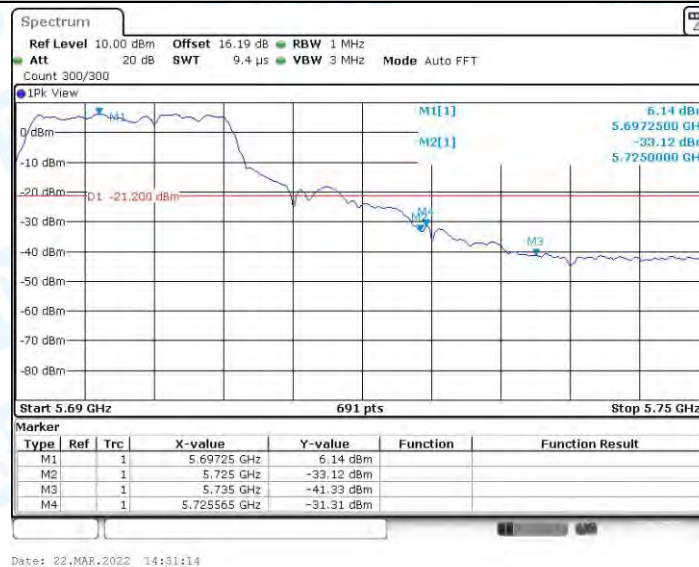
11AC20SISO_Ant1_Low_5500_AV



11AC20SISO_Ant1_Low_5500_Peak



11AC20SISO_Ant1_High_5700_AV



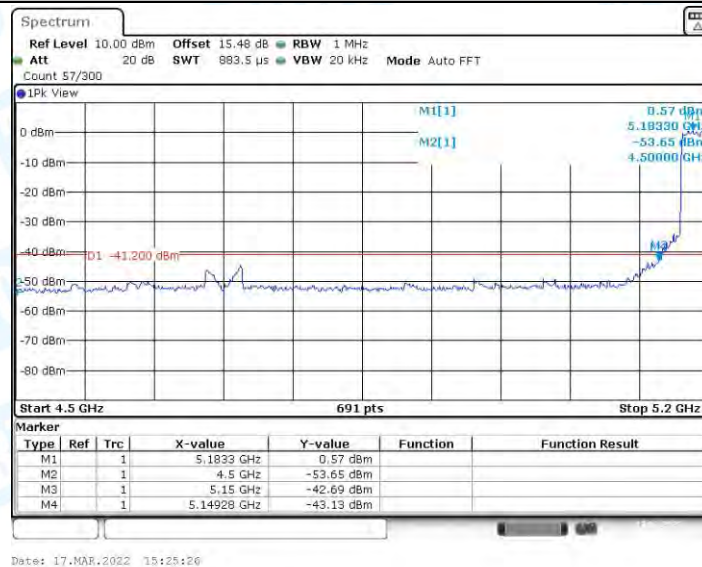
11AC20SISO_Ant1_High_5700_Peak



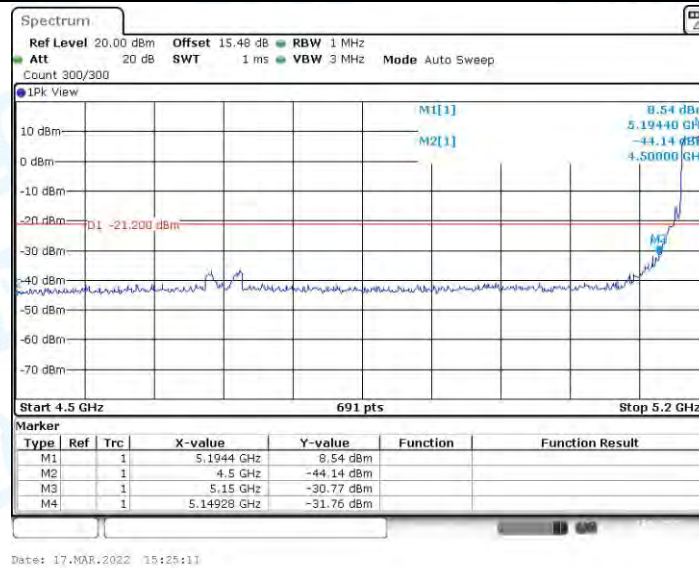
11AC20SISO_Ant1_Low_5745_Peak



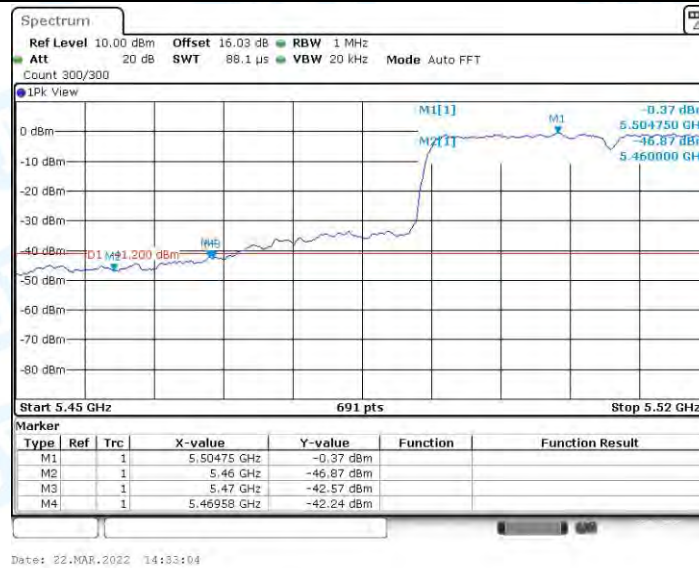
11AC20SISO_Ant1_High_5825_Peak



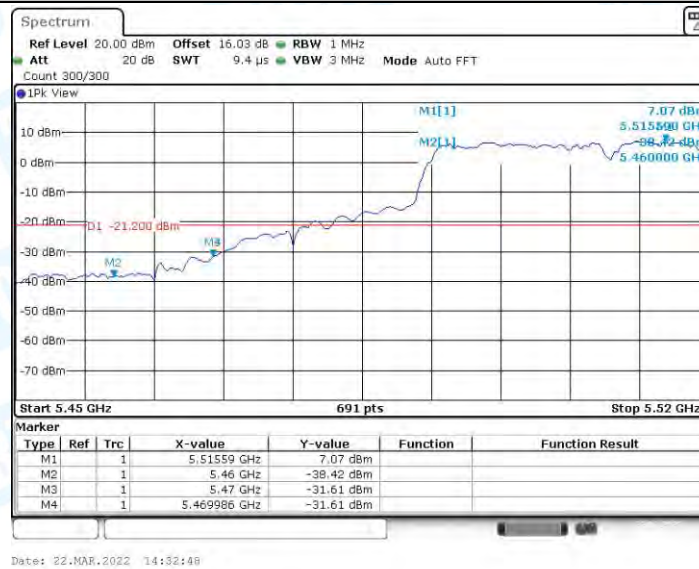
11AC40SISO_Ant1_Low_5190_AV



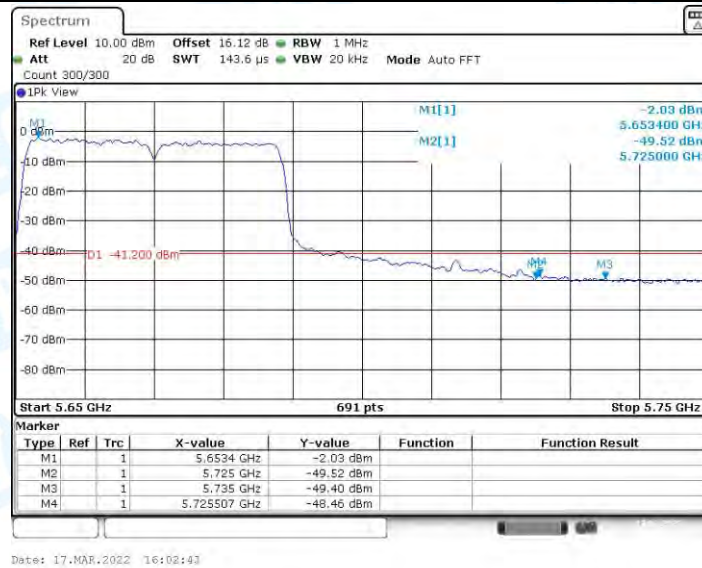
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_Low_5510_AV



11AC40SISO_Ant1_Low_5510_Peak



11AC40SISO_Ant1_High_5670_AV



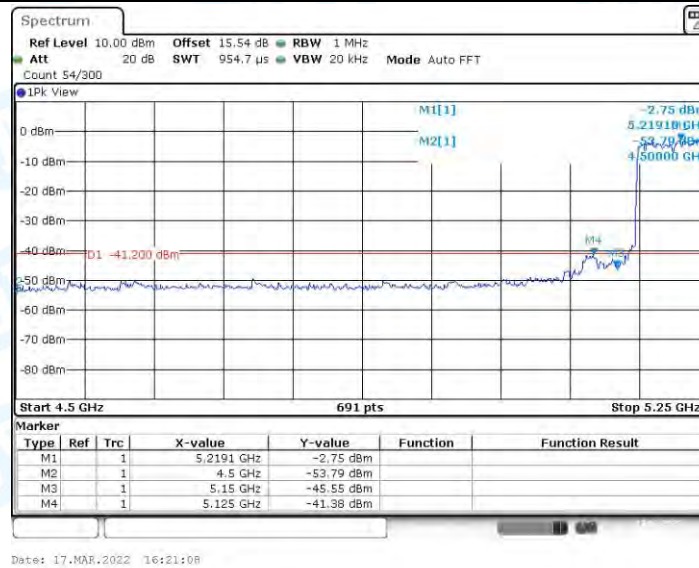
11AC40SISO_Ant1_High_5670_Peak



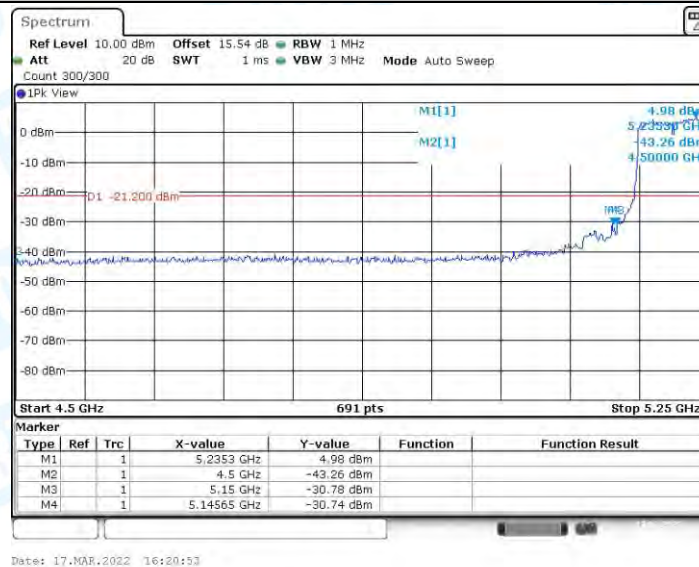
11AC40SISO_Ant1_Low_5755_Peak



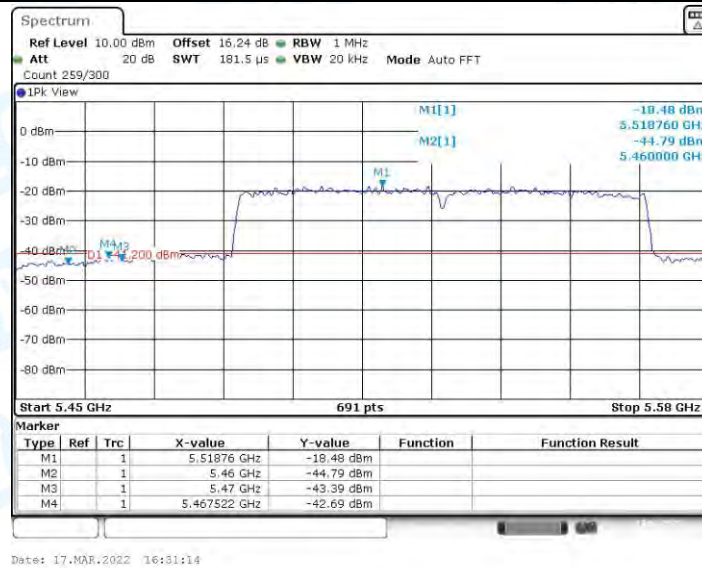
11AC40SISO_Ant1_High_5795_Peak



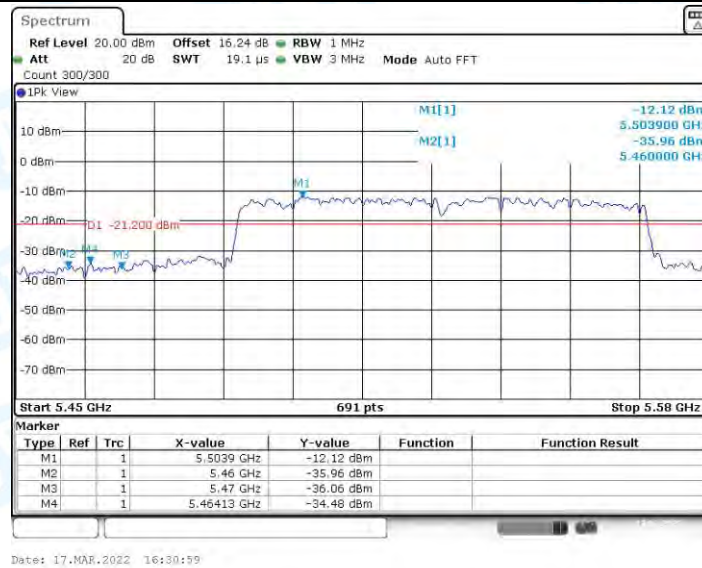
11AC80SISO_Ant1_Low_5210_AV



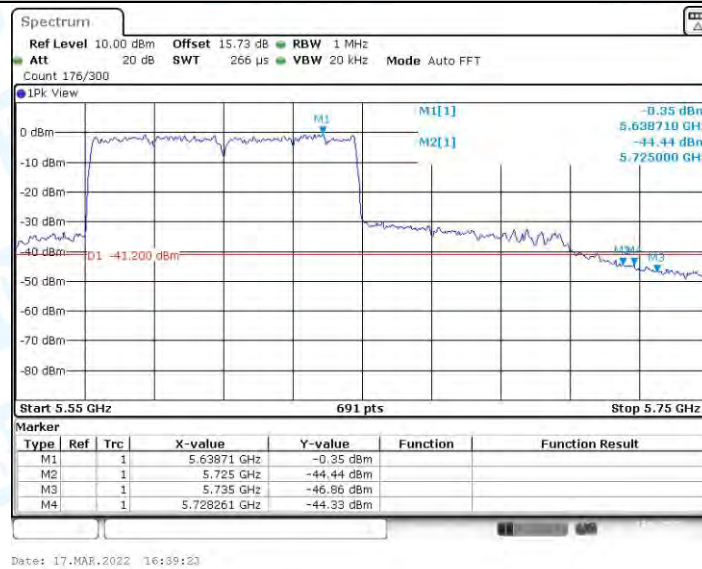
11AC80SISO_Ant1_Low_5210_Peak



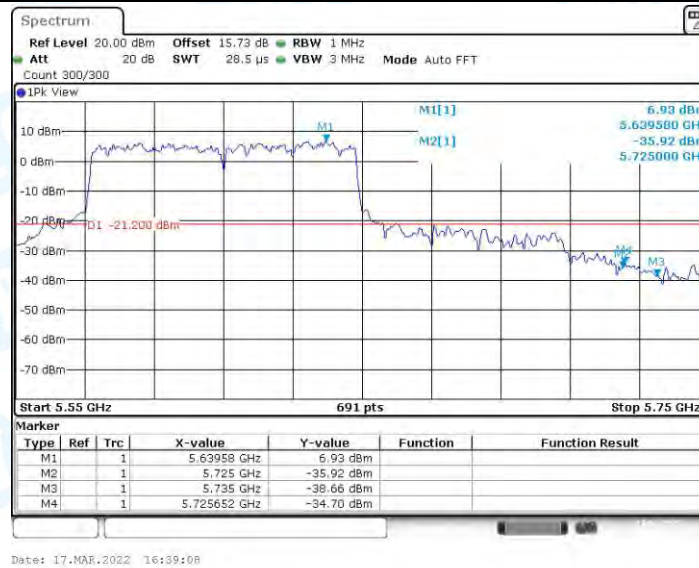
11AC80SISO_Ant1_Low_5530_AV



11AC80SISO_Ant1_Low_5530_Peak



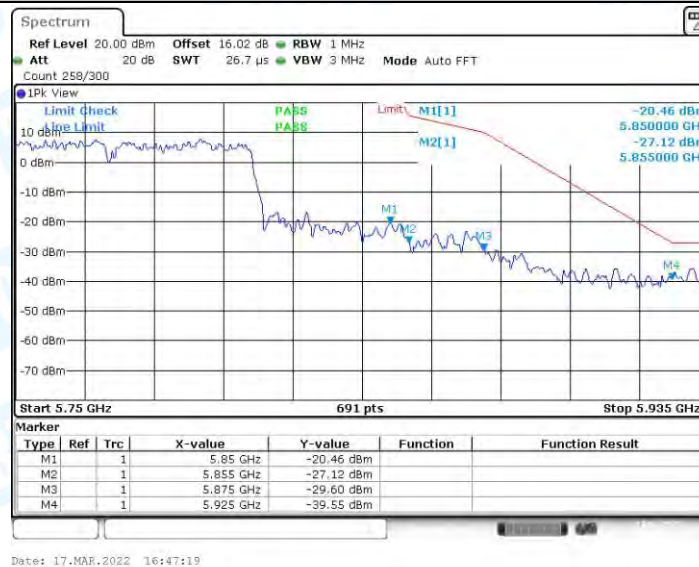
11AC80SISO_Ant1_High_5610_AV



11AC80SISO_Ant1_High_5610_Peak



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak

8. Conducted Spurious Emission

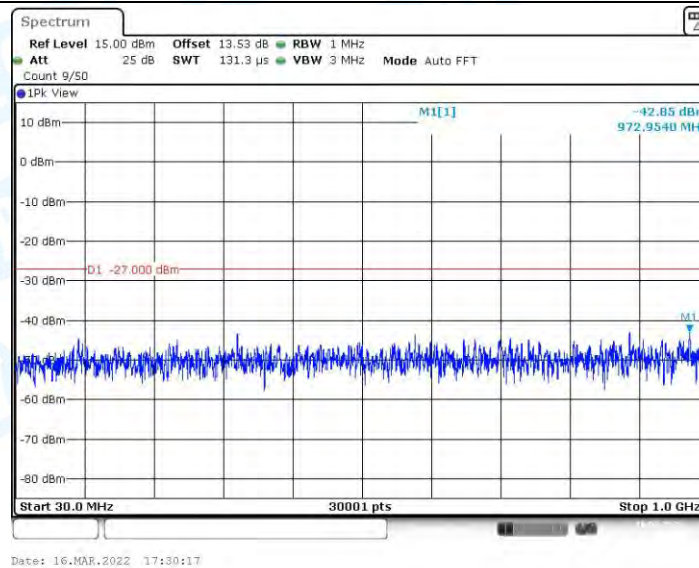
8.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	972.95	-42.85	≤-27	PASS
			1000~40000	39665.9	-32.27	≤-27	PASS
		5220	30~1000	892.51	-41.84	≤-27	PASS
			1000~40000	39937.6	-32.28	≤-27	PASS
		5240	30~1000	115.21	-43.64	≤-27	PASS
			1000~40000	39673.7	-32.2	≤-27	PASS
		5500	30~1000	707.15	-42.99	≤-27	PASS
			1000~40000	39989.6	-32.06	≤-27	PASS
		5580	30~1000	966.36	-41.83	≤-27	PASS
			1000~40000	39859.6	-31.3	≤-27	PASS
		5700	30~1000	862.54	-43.23	≤-27	PASS
			1000~40000	39450.1	-31.28	≤-27	PASS
		5745	30~1000	861.86	-46.84	≤-27	PASS
			1000~40000	39597	-33.71	≤-27	PASS
		5785	30~1000	675.37	-47.13	≤-27	PASS
			1000~40000	39979.2	-33.77	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	968.17	-43.11	≤-27	PASS
			1000~40000	39558	-32.82	≤-27	PASS
		5220	30~1000	958.5	-43.27	≤-27	PASS
			1000~40000	39984.4	-33.17	≤-27	PASS
		5240	30~1000	890.35	-42.81	≤-27	PASS
			1000~40000	39954.5	-31.4	≤-27	PASS
		5500	30~1000	510.54	-43.15	≤-27	PASS
			1000~40000	39716.6	-31.41	≤-27	PASS
		5580	30~1000	517.01	-43.6	≤-27	PASS
			1000~40000	39524.2	-32.03	≤-27	PASS
		5700	30~1000	241.92	-42.86	≤-27	PASS
			1000~40000	39720.5	-32.27	≤-27	PASS
		5745	30~1000	672.91	-47.38	≤-27	PASS
			1000~40000	39539.8	-34.23	≤-27	PASS
		5785	30~1000	968.75	-48.56	≤-27	PASS
			1000~40000	39686.7	-33.96	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	891.99	-40.34	≤-27	PASS
			1000~40000	39964.9	-30.99	≤-27	PASS
		5230	30~1000	888.6	-44.15	≤-27	PASS
			1000~40000	39996.1	-32.43	≤-27	PASS

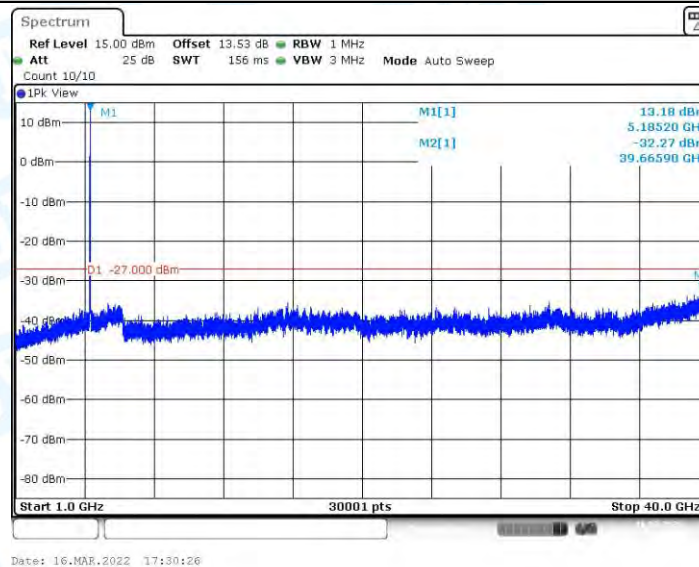
		5510	30~1000	898.59	-43.65	≤-27	PASS
			1000~40000	39962.3	-32.18	≤-27	PASS
		5550	30~1000	762.86	-42.81	≤-27	PASS
			1000~40000	39025	-32.09	≤-27	PASS
		5670	30~1000	895.49	-41.33	≤-27	PASS
			1000~40000	39610	-31.93	≤-27	PASS
		5755	30~1000	889.86	-47.2	≤-27	PASS
			1000~40000	39370.8	-33.92	≤-27	PASS
		5795	30~1000	709.03	-48.47	≤-27	PASS
			1000~40000	39512.5	-33.59	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	706.57	-43.11	≤-27	PASS
			1000~40000	39390.3	-33.34	≤-27	PASS
		5220	30~1000	787.08	-43.54	≤-27	PASS
			1000~40000	39704.9	-33	≤-27	PASS
		5240	30~1000	121.87	-43.9	≤-27	PASS
			1000~40000	39554.1	-32.96	≤-27	PASS
		5500	30~1000	958.86	-42.85	≤-27	PASS
			1000~40000	39784.2	-32.13	≤-27	PASS
		5580	30~1000	508.66	-43.08	≤-27	PASS
			1000~40000	39707.5	-31.71	≤-27	PASS
		5700	30~1000	973.05	-43.03	≤-27	PASS
			1000~40000	39619.1	-31.58	≤-27	PASS
		5745	30~1000	707.28	-48.12	≤-27	PASS
			1000~40000	38961.3	-33.72	≤-27	PASS
		5785	30~1000	255.83	-48.12	≤-27	PASS
			1000~40000	39363	-33.91	≤-27	PASS
		5825	30~1000	986.86	-48.13	≤-27	PASS
			1000~40000	39938.9	-33.8	≤-27	PASS
11AC40SISO	Ant1	5190	30~1000	578.95	-43	≤-27	PASS
			1000~40000	39958.4	-32.53	≤-27	PASS
		5230	30~1000	896.55	-42.7	≤-27	PASS
			1000~40000	39858.3	-32.75	≤-27	PASS
		5510	30~1000	896.42	-43.05	≤-27	PASS
			1000~40000	39981.8	-32.12	≤-27	PASS
		5550	30~1000	761.95	-42.77	≤-27	PASS
			1000~40000	38599.9	-32.38	≤-27	PASS
		5670	30~1000	523.37	-43.04	≤-27	PASS
			1000~40000	39974	-32.28	≤-27	PASS
		5755	30~1000	684.36	-49.12	≤-27	PASS
			1000~40000	38914.5	-34.07	≤-27	PASS
		5795	30~1000	705.99	-47.68	≤-27	PASS
			1000~40000	39972.7	-33.77	≤-27	PASS
11AC80SISO	Ant1	5210	30~1000	981.46	-42.86	≤-27	PASS
			1000~40000	39801.1	-31.46	≤-27	PASS
		5530	30~1000	961.02	-42.13	≤-27	PASS
			1000~40000	39987	-31.62	≤-27	PASS

		5610	30~1000	905.22	-42.56	≤-27	PASS
			1000~40000	39612.6	-32.08	≤-27	PASS
		5775	30~1000	862.28	-47.83	≤-27	PASS
			1000~40000	39992.2	-33.73	≤-27	PASS

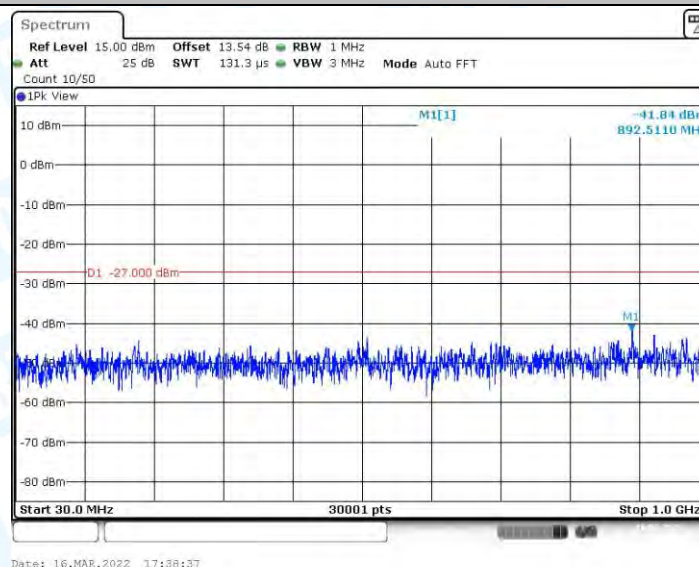
8.2. Test Graphs



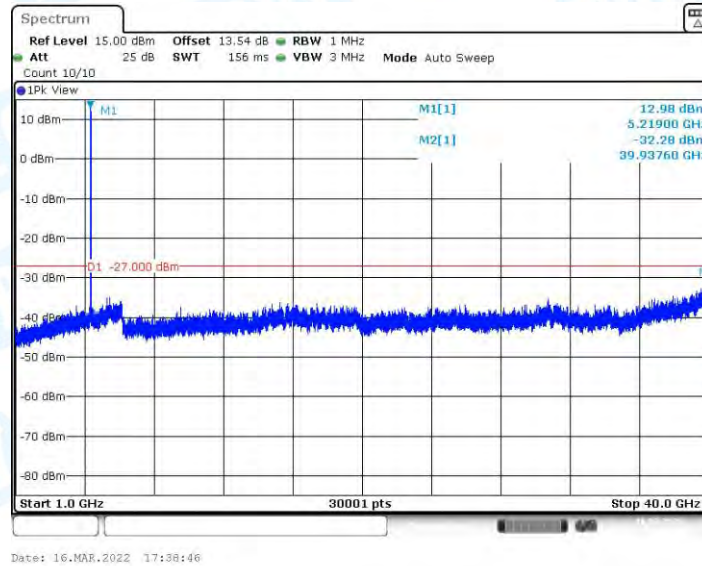
11A_Ant1_5180_30~1000



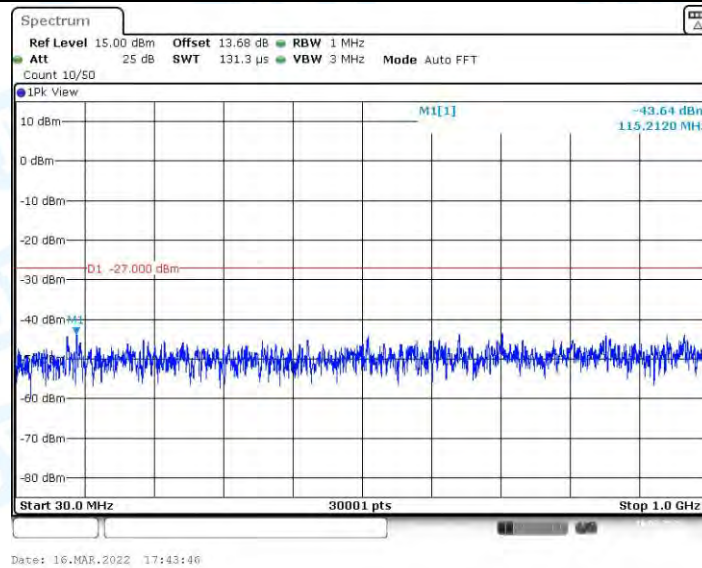
11A_Ant1_5180_1000~40000



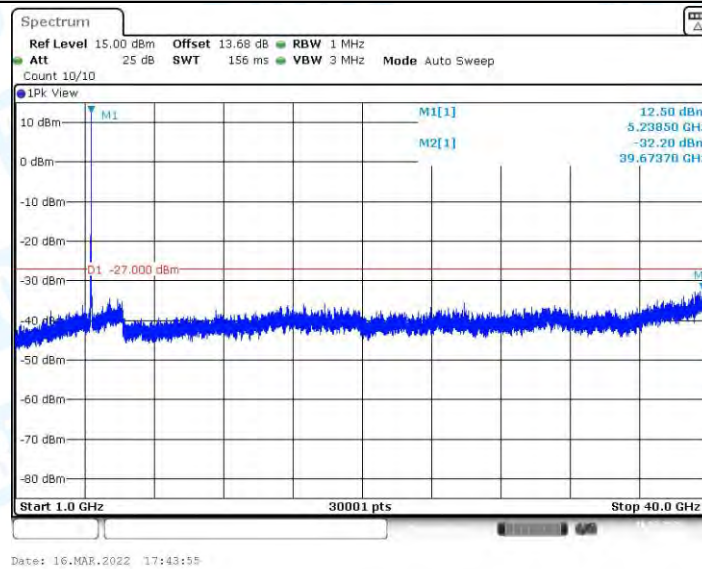
11A_Ant1_5220_30~1000



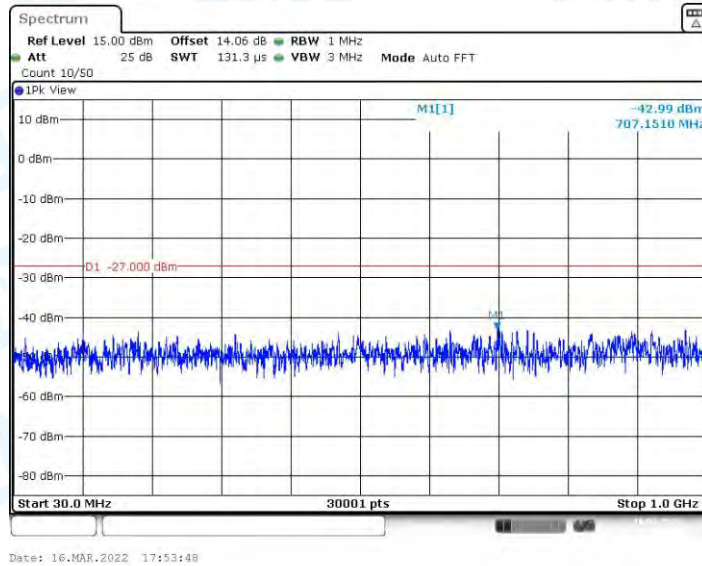
11A_Ant1_5220_1000~40000



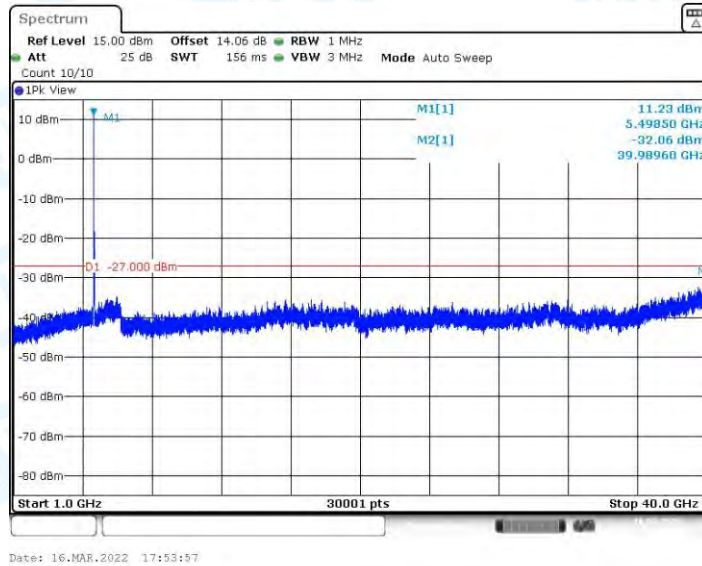
11A_Ant1_5240_30~1000



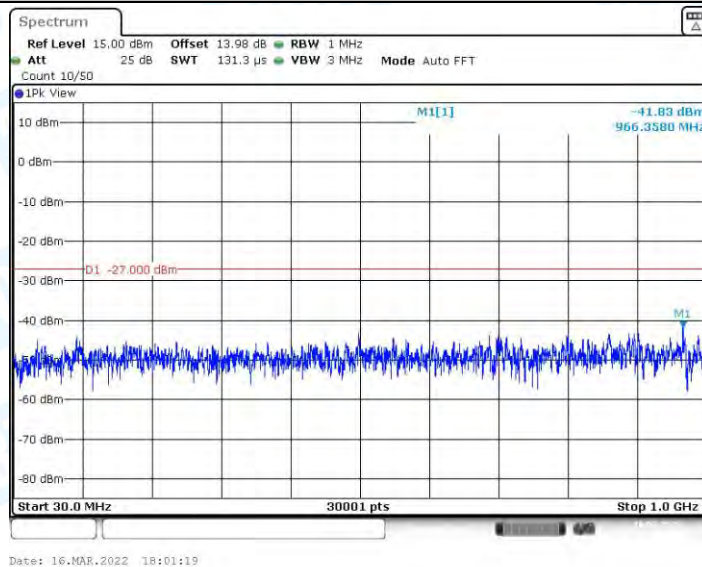
11A_Ant1_5240_1000~40000



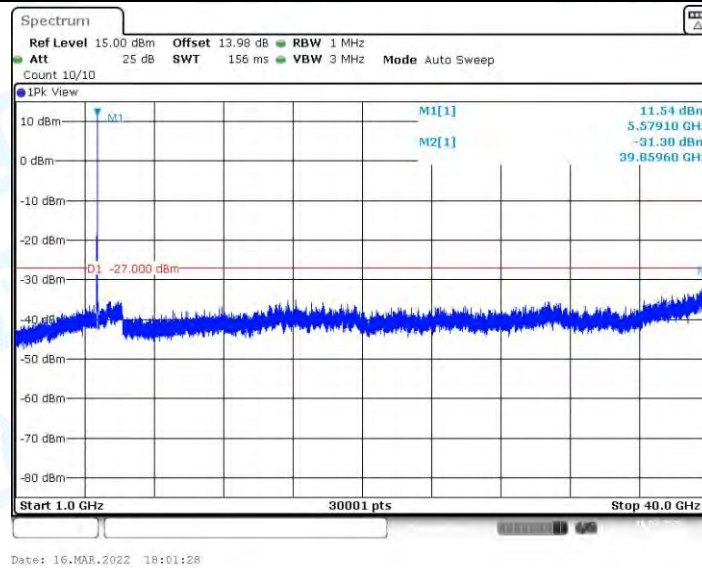
11A_Ant1_5500_30~1000



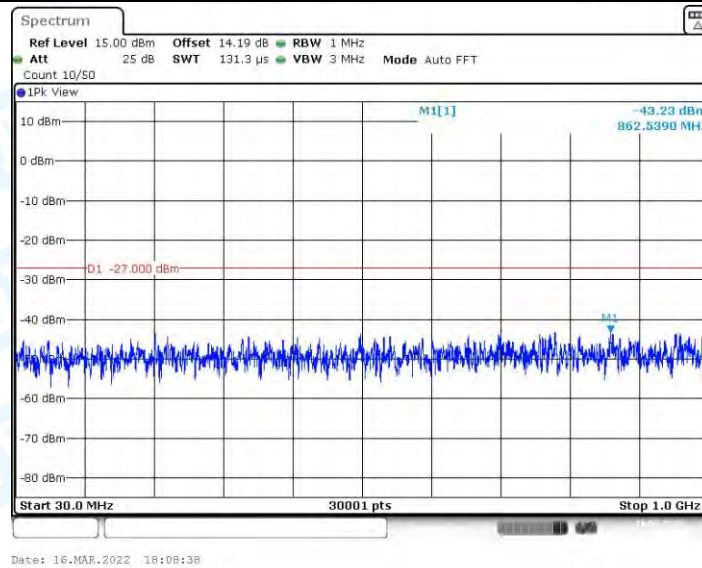
11A_Ant1_5500_1000~40000



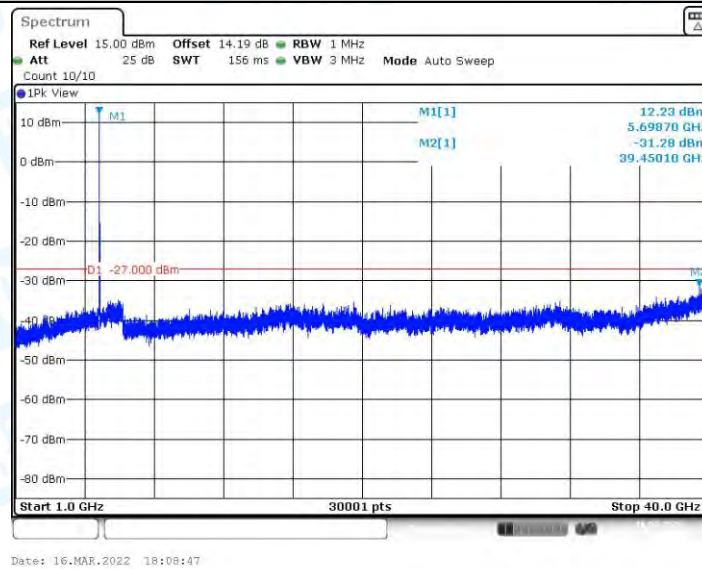
11A_Ant1_5580_30~1000



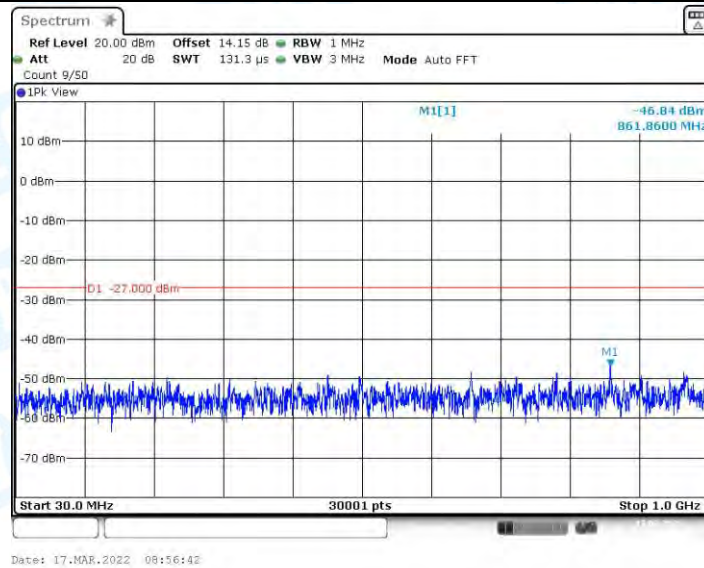
11A_Ant1_5580_1000~40000



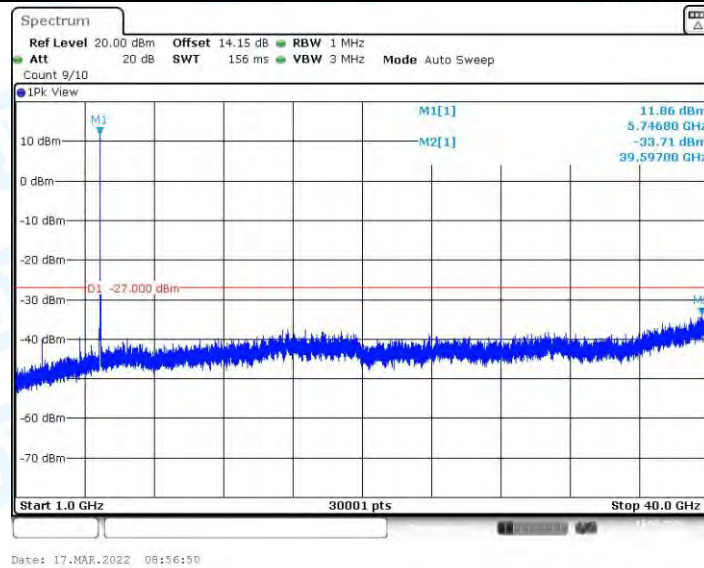
11A_Ant1_5700_30~1000



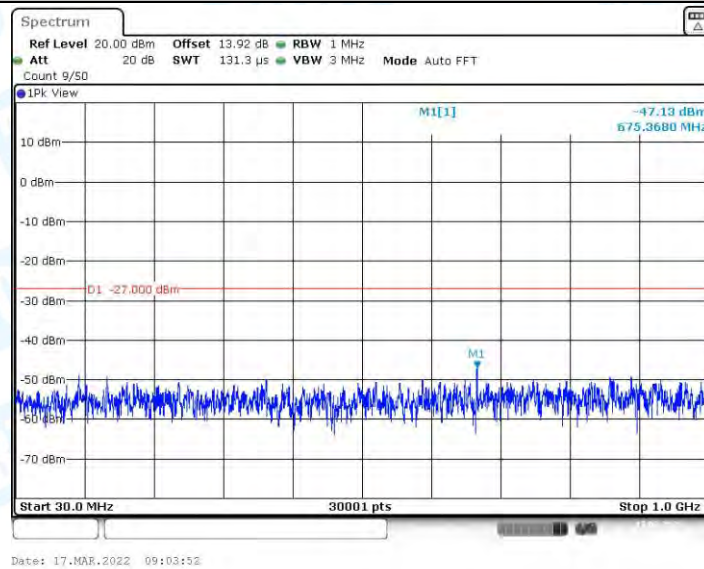
11A_Ant1_5700_1000~40000



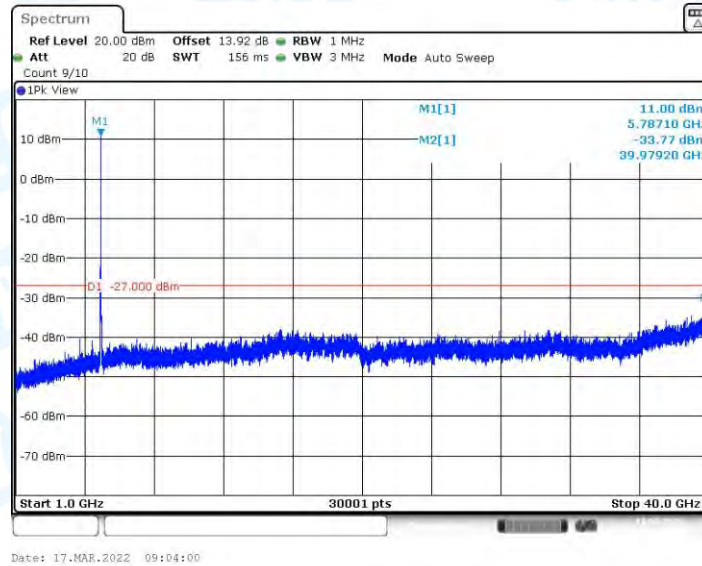
11A_Ant1_5745_30~1000



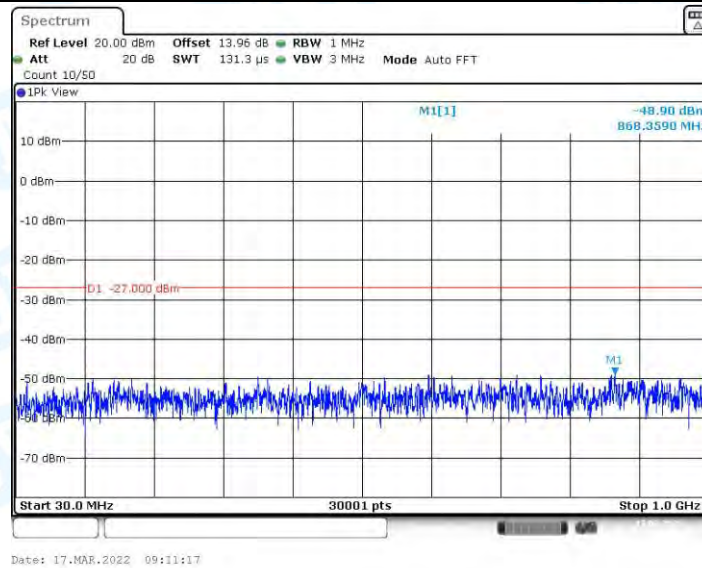
11A_Ant1_5745_1000~40000



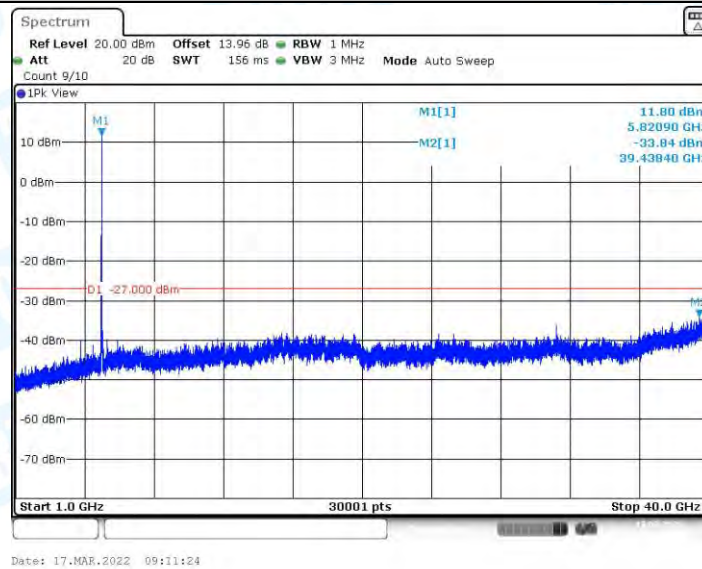
11A_Ant1_5785_30~1000



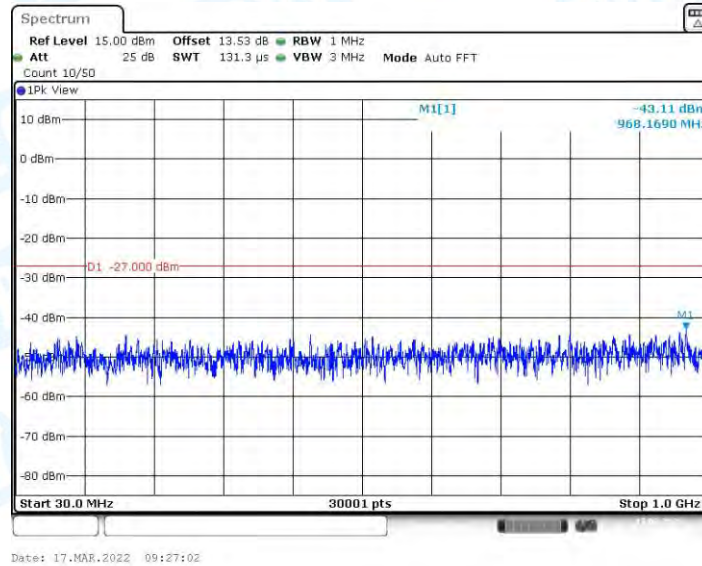
11A_Ant1_5785_1000~40000



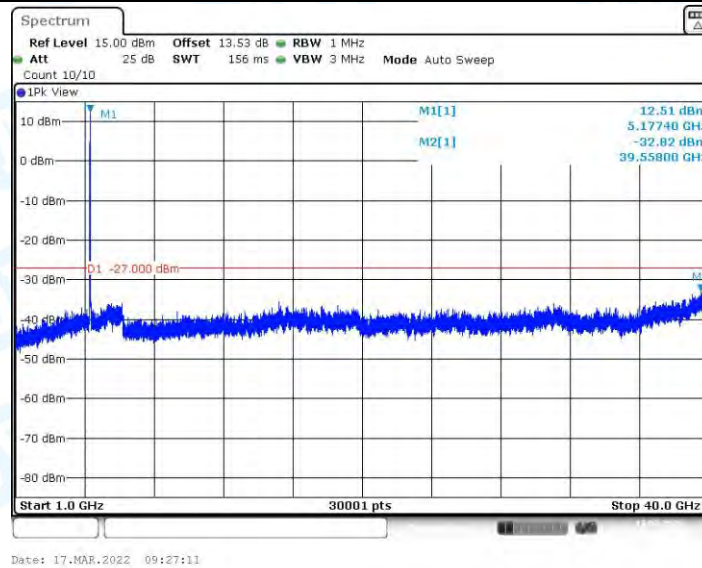
11A_Ant1_5825_30~1000



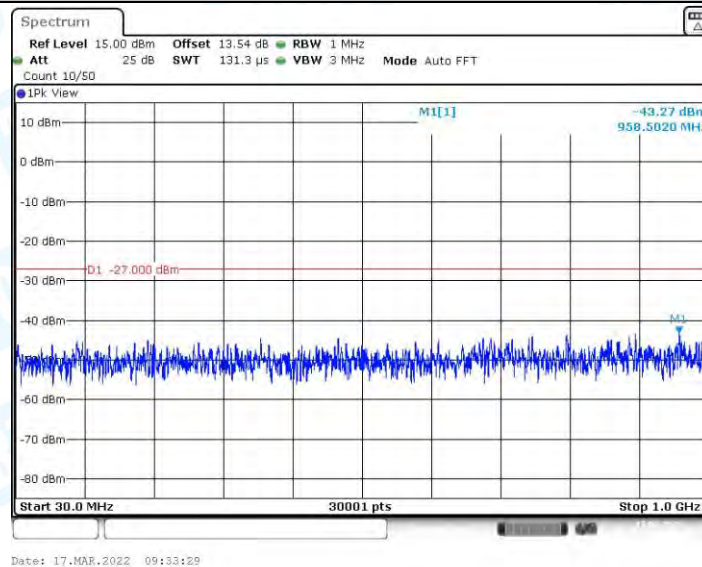
11A_Ant1_5825_1000~40000



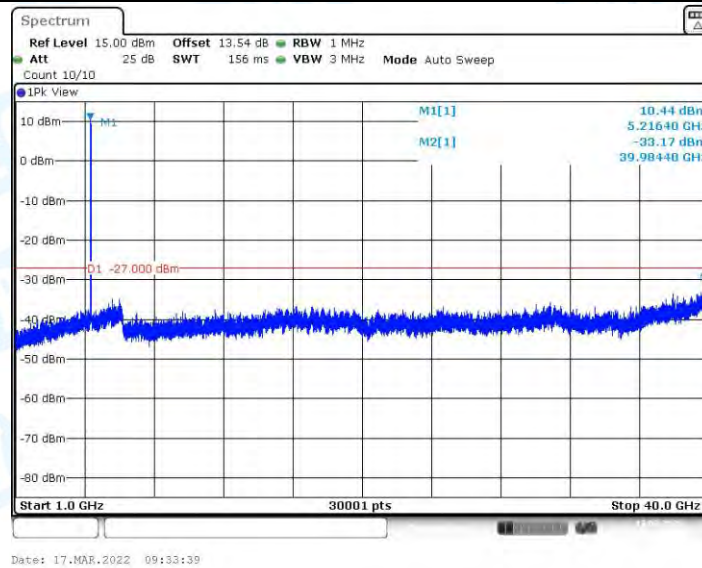
11N20SISO_Ant1_5180_30~1000



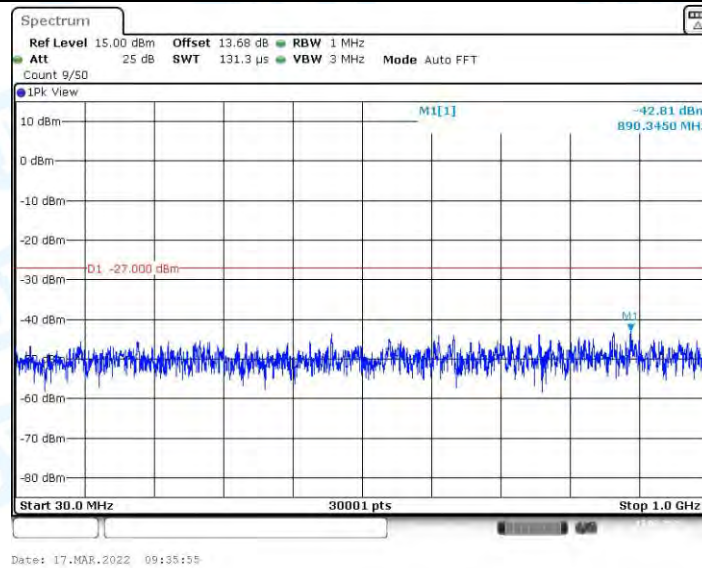
11N20SISO_Ant1_5180_1000~40000



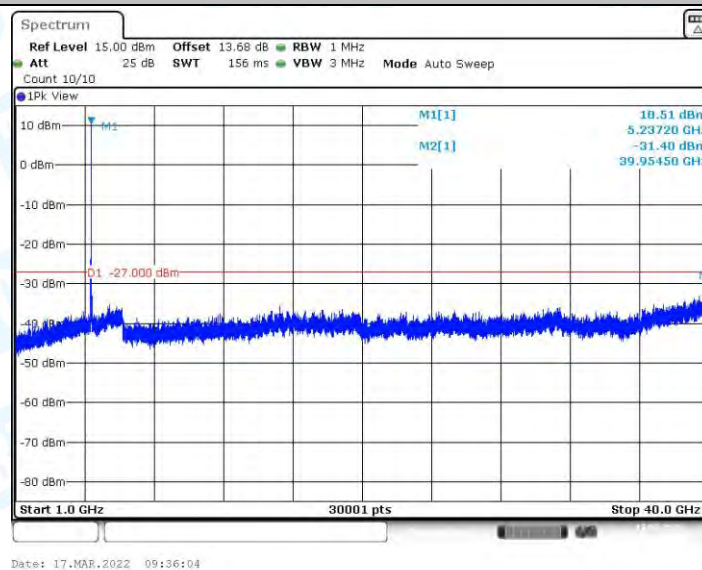
11N20SISO_Ant1_5220_30~1000



11N20SISO_Ant1_5220_1000~40000



11N20SISO_Ant1_5240_30~1000



11N20SISO_Ant1_5240_1000~40000