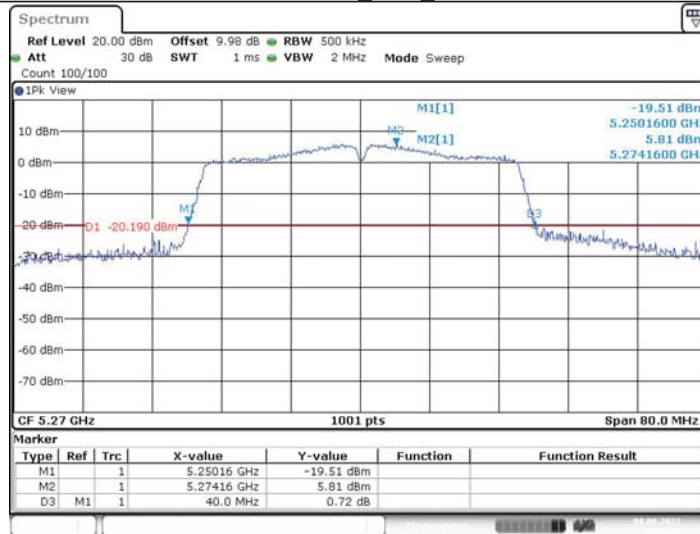
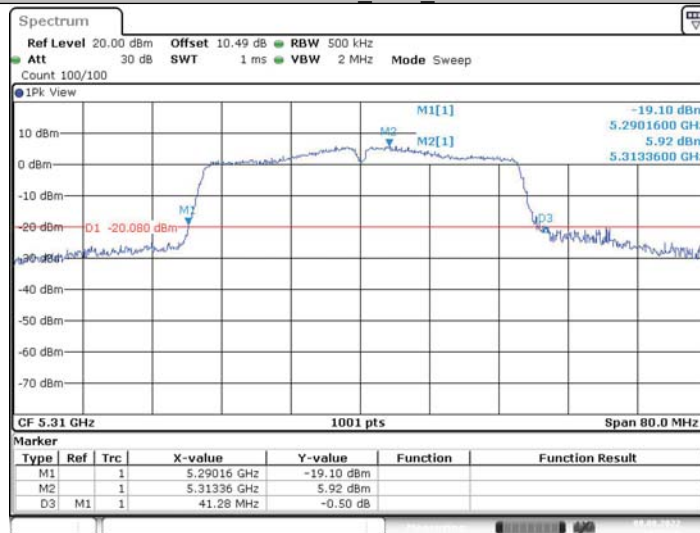




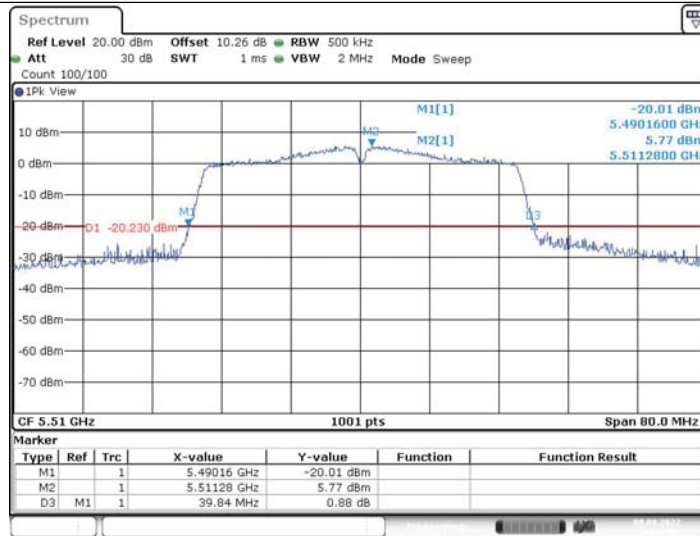
11N40SISO_Ant1_5270



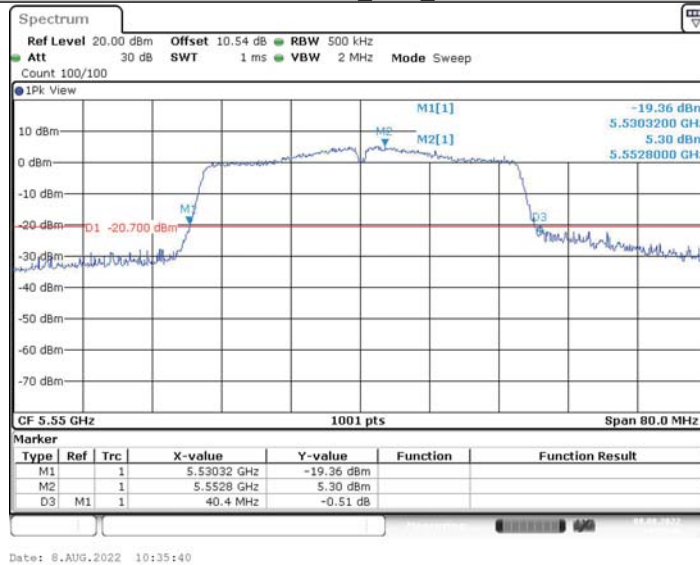
11N40SISO_Ant1_5310



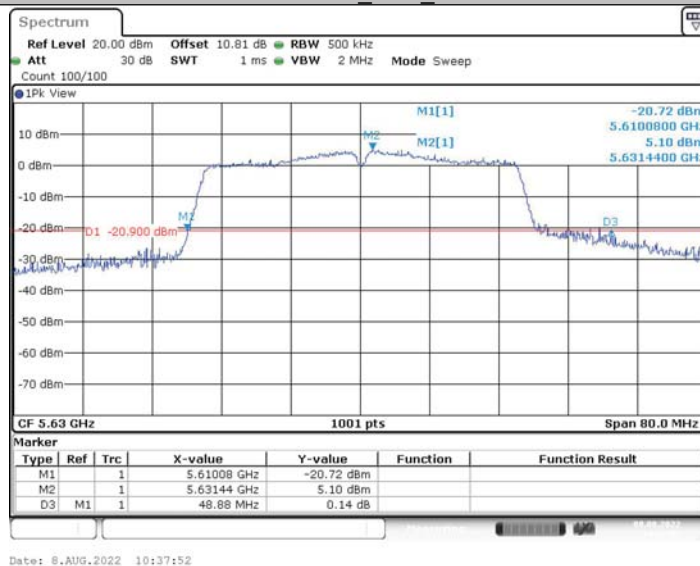
11N40SISO_Ant1_5510



11N40SISO_Ant1_5550

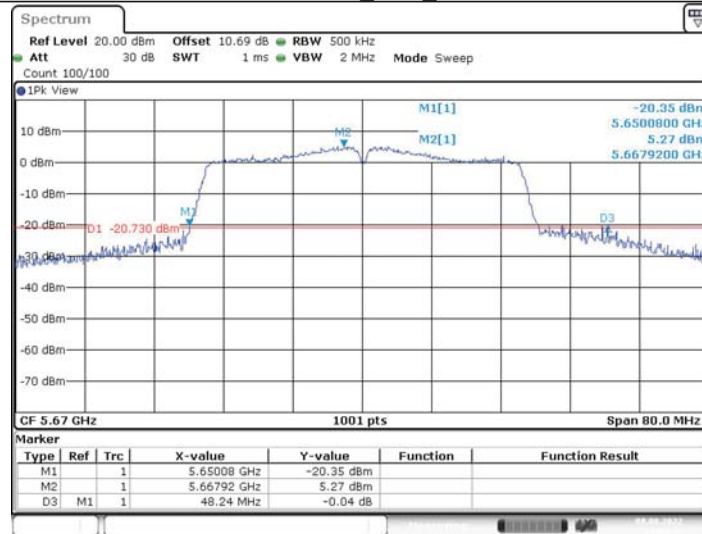


11N40SISO_Ant1_5630



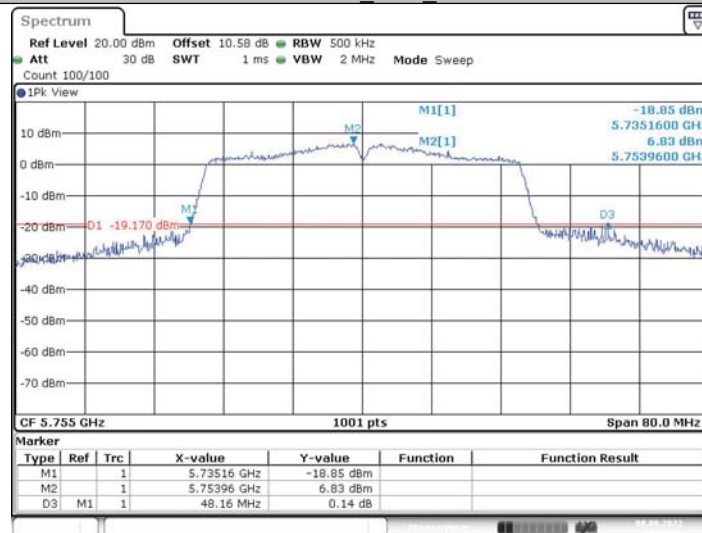


11N40SISO_Ant1_5670



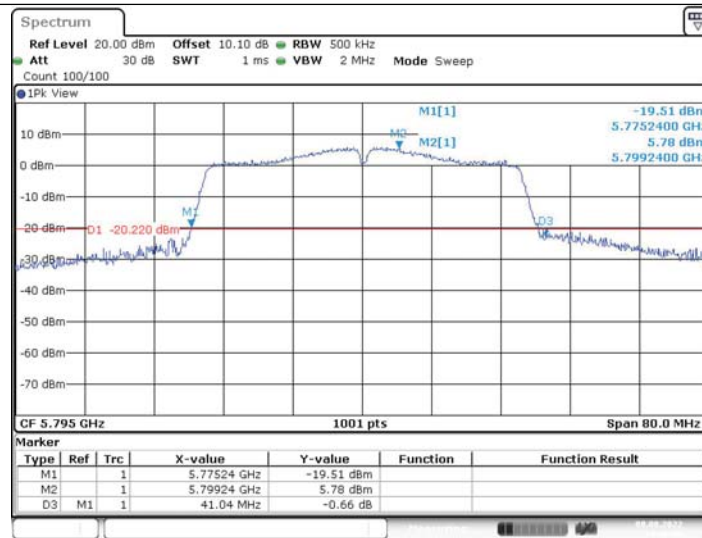
Date: 8.AUG.2022 10:40:10

11N40SISO_Ant1_5755



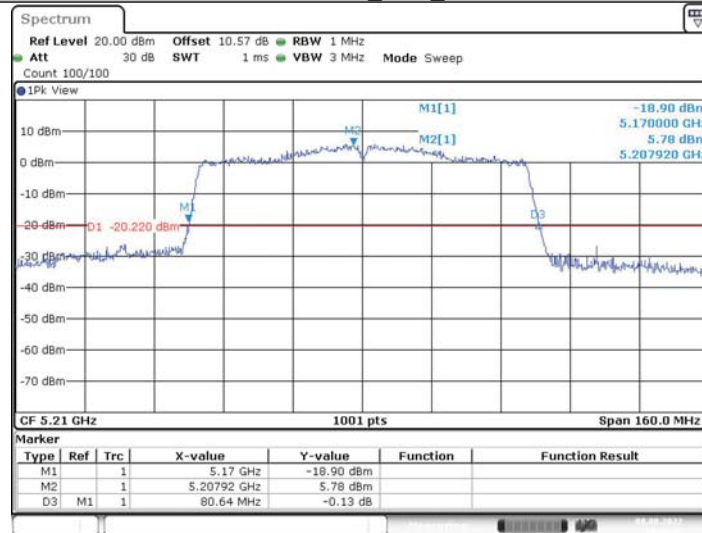
Date: 8.AUG.2022 10:43:53

11N40SISO_Ant1_5795



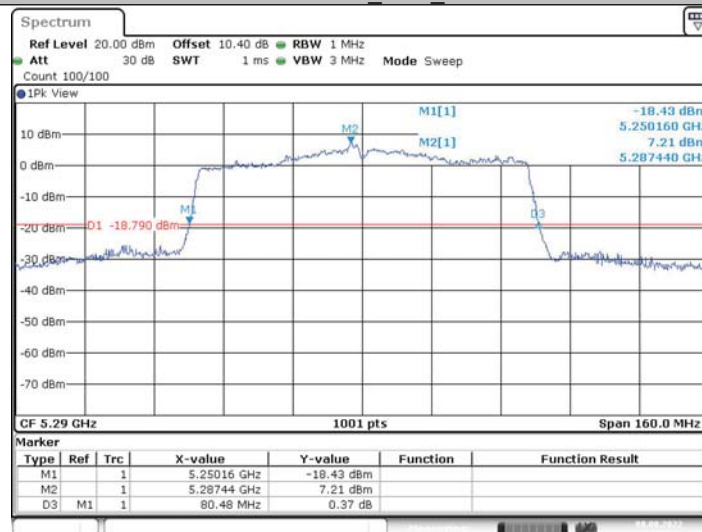
Date: 8.AUG.2022 10:46:06

11AC80SISO_Ant1_5210



Date: 8.AUG.2022 10:48:36

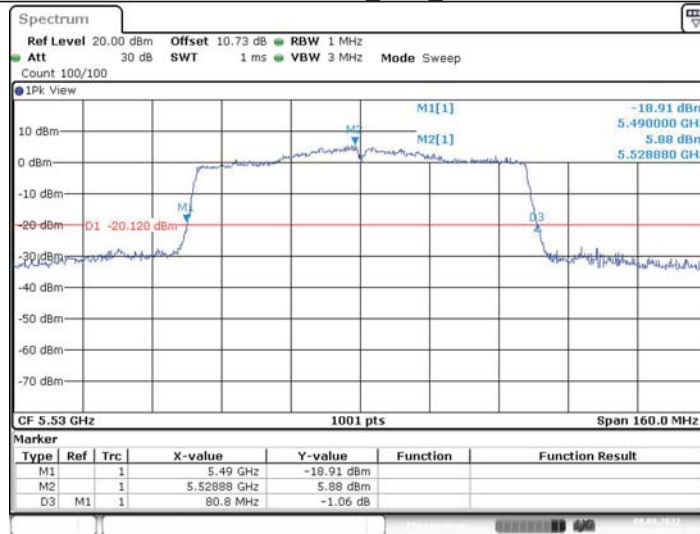
11AC80SISO_Ant1_5290



Date: 8.AUG.2022 10:50:49

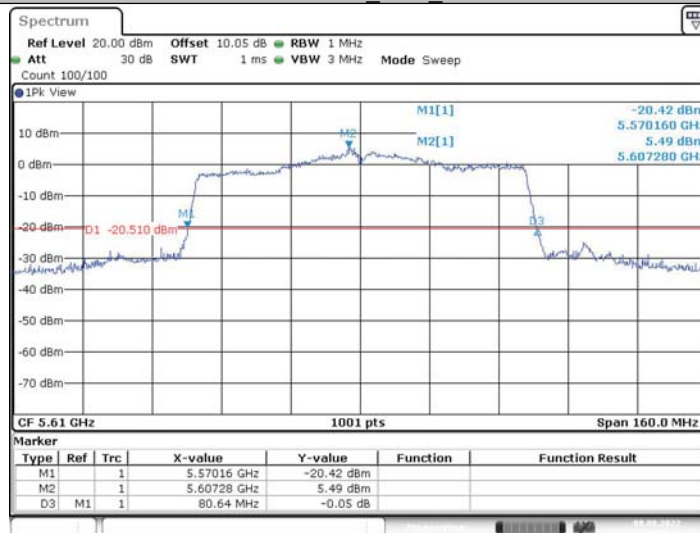


11AC80SISO_Ant1_5530



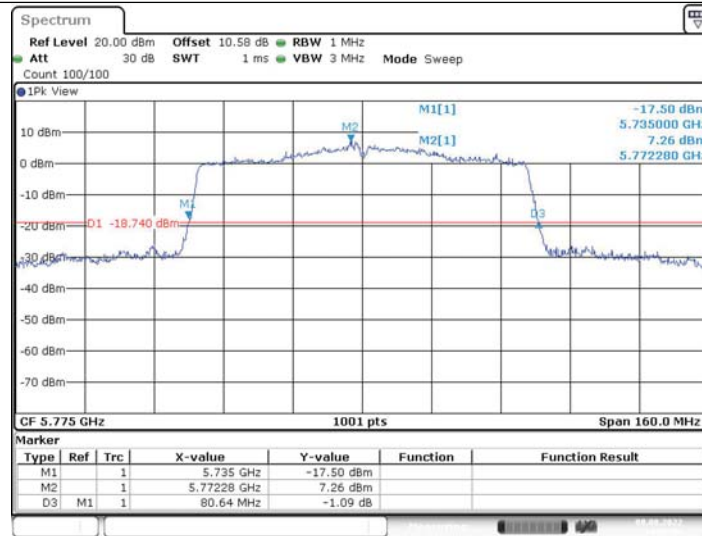
Date: 8.AUG.2022 10:53:25

11AC80SISO_Ant1_5610



Date: 8.AUG.2022 10:55:40

11AC80SISO_Ant1_5775



Date: 8.AUG.2022 10:57:59



5.2 Appendix B: 6DB EMISSION BANDWIDTH

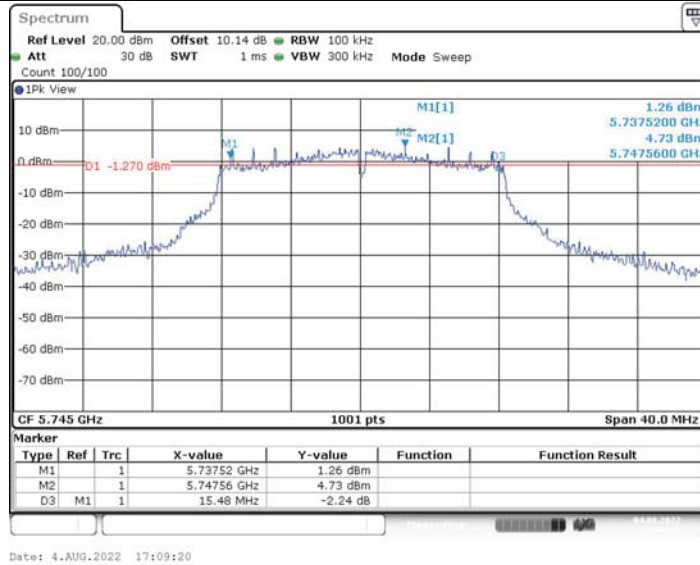
5.2.1 Test Result

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.48	5737.52	5753.00	0.5	PASS
		5785	16.00	5777.24	5793.24	0.5	PASS
		5825	16.00	5817.24	5833.24	0.5	PASS
11N20SISO	Ant1	5745	16.52	5736.96	5753.48	0.5	PASS
		5785	15.72	5777.48	5793.20	0.5	PASS
		5825	16.64	5816.96	5833.60	0.5	PASS
11N40SISO	Ant1	5755	35.52	5737.48	5773.00	0.5	PASS
		5795	35.12	5777.56	5812.68	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.56	5812.76	0.5	PASS

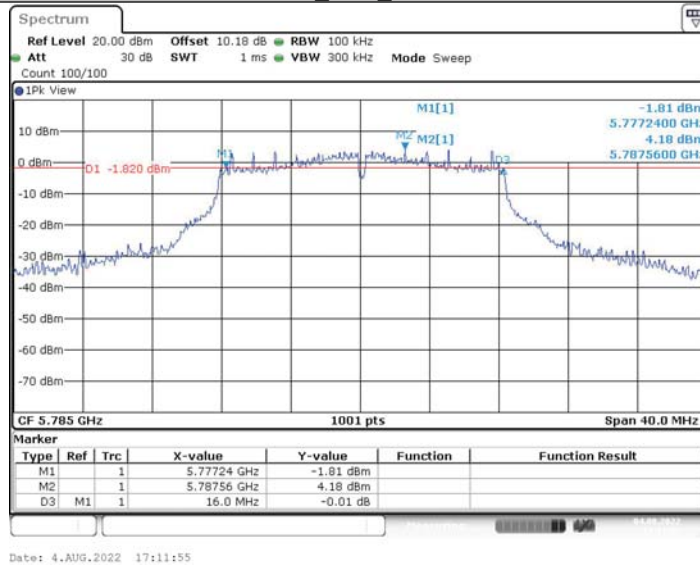


5.2.2 Test Graphs

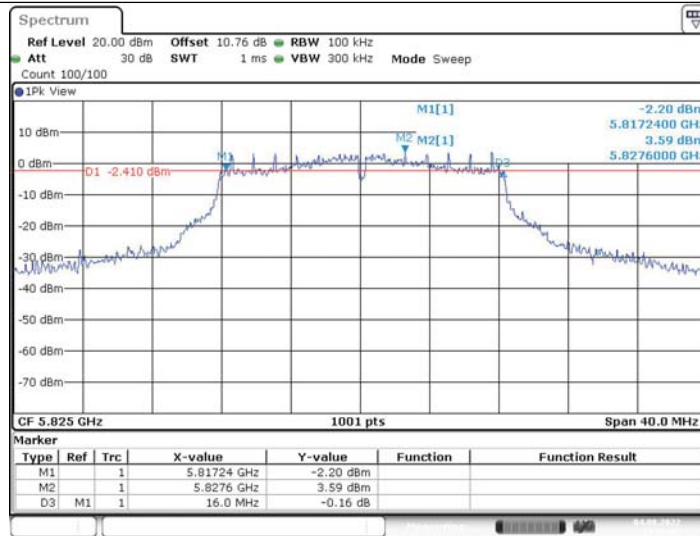
11A_Ant1_5745



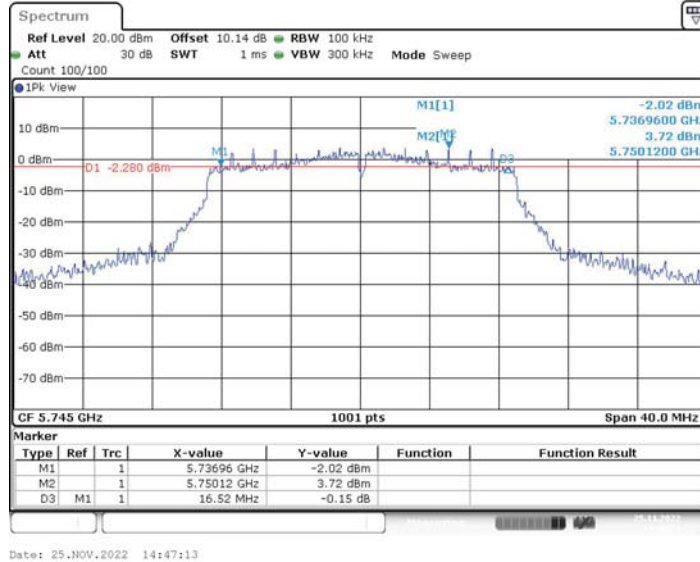
11A_Ant1_5785



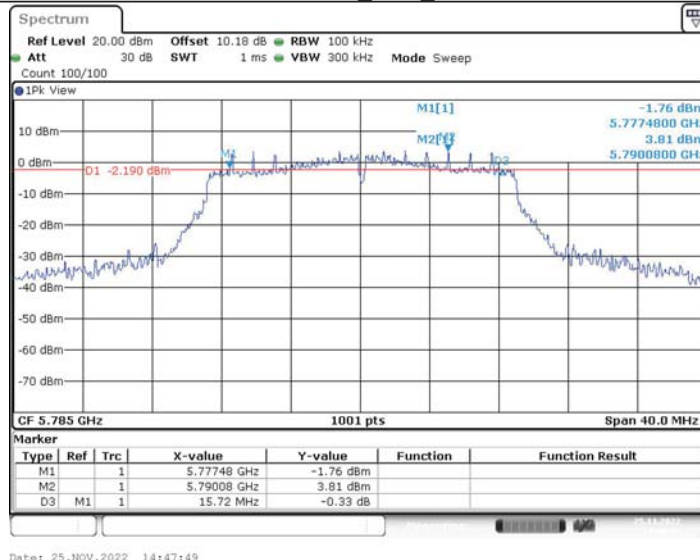
11A_Ant1_5825



11N20SISO_Ant1_5745

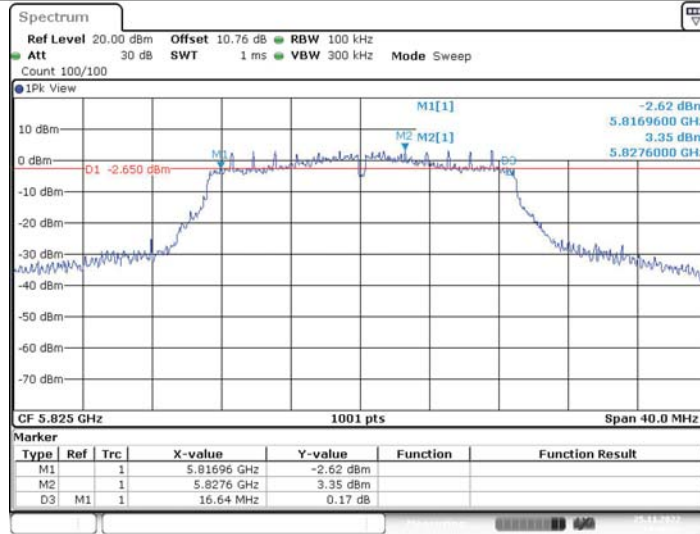


11N20SISO_Ant1_5785

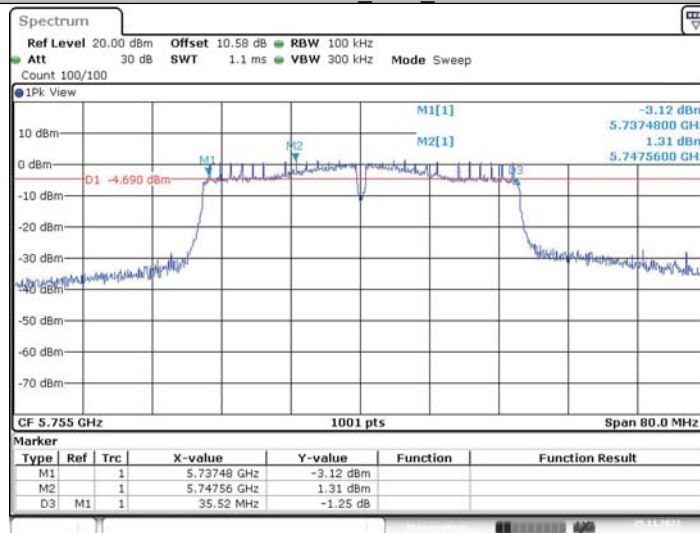




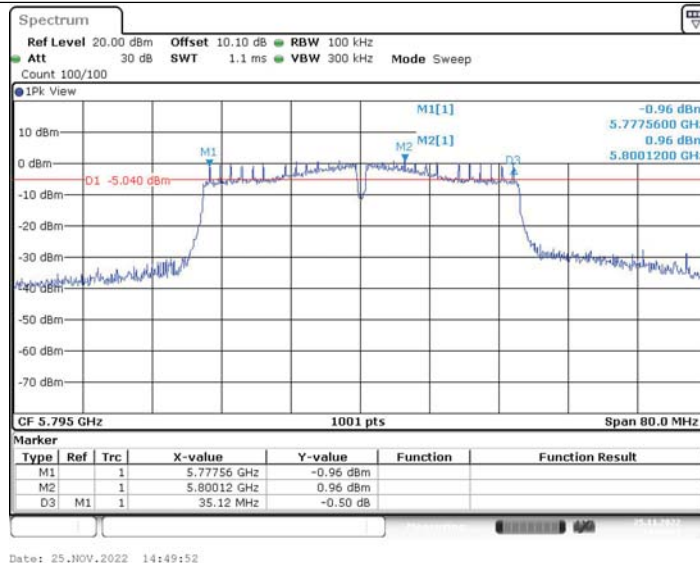
11N20SISO_Ant1_5825



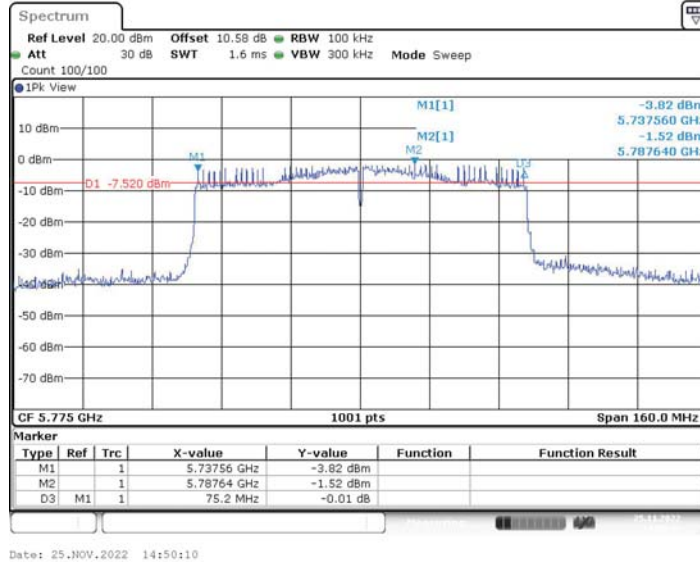
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC80SISO_Ant1_5775





5.3 Appendix C: Occupied channel bandwidth

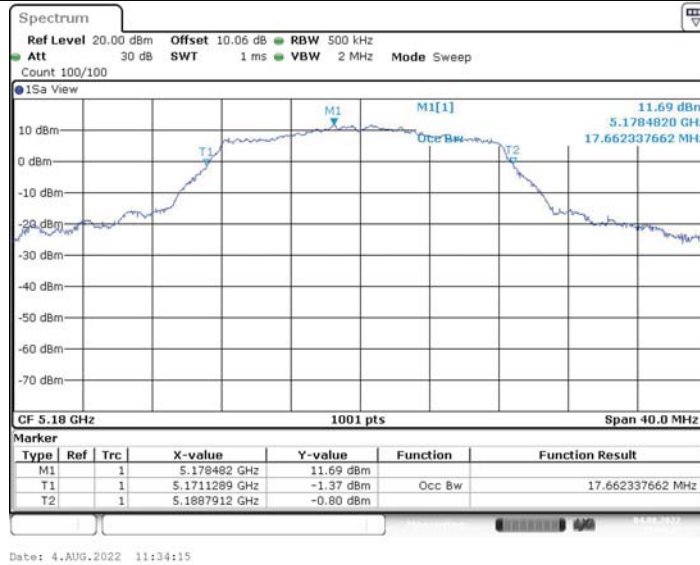
5.3.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.662	5171.129	5188.791	---	---
		5200	17.862	5191.049	5208.911	---	---
		5240	17.782	5231.009	5248.791	---	---
		5260	17.782	5251.129	5268.911	---	---
		5280	17.902	5271.089	5288.991	---	---
		5320	17.702	5311.209	5328.911	---	---
		5500	17.902	5491.089	5508.991	---	---
		5580	17.902	5571.089	5588.991	---	---
		5620	17.902	5611.049	5628.951	---	---
		5660	17.742	5651.129	5668.871	---	---
		5700	17.662	5691.129	5708.791	---	---
		5745	17.742	5736.089	5753.831	---	---
		5785	17.862	5776.089	5793.951	---	---
		5825	17.942	5816.049	5833.991	---	---
11N20SISO	Ant1	5180	18.661	5170.689	5189.351	---	---
		5200	18.781	5190.689	5209.471	---	---
		5240	18.701	5230.649	5249.351	---	---
		5260	18.701	5250.769	5269.471	---	---
		5280	18.701	5270.769	5289.471	---	---
		5320	18.581	5310.849	5329.431	---	---
		5500	18.781	5490.729	5509.510	---	---
		5580	18.741	5570.769	5589.510	---	---
		5620	18.901	5610.689	5629.590	---	---
		5660	18.661	5650.769	5669.431	---	---
		5700	18.581	5690.769	5709.351	---	---
		5745	18.741	5735.689	5754.431	---	---
		5785	18.821	5775.689	5794.510	---	---
		5825	18.861	5815.689	5834.550	---	---
11N40SISO	Ant1	5190	36.364	5171.938	5208.302	---	---
		5230	36.364	5211.938	5248.302	---	---
		5270	36.364	5252.018	5288.382	---	---
		5310	36.603	5291.938	5328.541	---	---
		5510	36.284	5492.018	5528.302	---	---
		5550	36.364	5532.018	5568.382	---	---
		5630	36.683	5611.858	5648.541	---	---
		5670	36.603	5651.858	5688.462	---	---
		5755	36.444	5736.858	5773.302	---	---
11AC80SISO	Ant1	5795	36.444	5776.938	5813.382	---	---
		5210	75.445	5172.438	5247.882	---	---
		5290	75.604	5252.597	5328.202	---	---
		5530	75.604	5492.597	5568.202	---	---
		5610	75.604	5572.757	5648.362	---	---
		5775	75.445	5737.438	5812.882	---	---



5.3.2 Test Graphs

11A_Ant1_5180



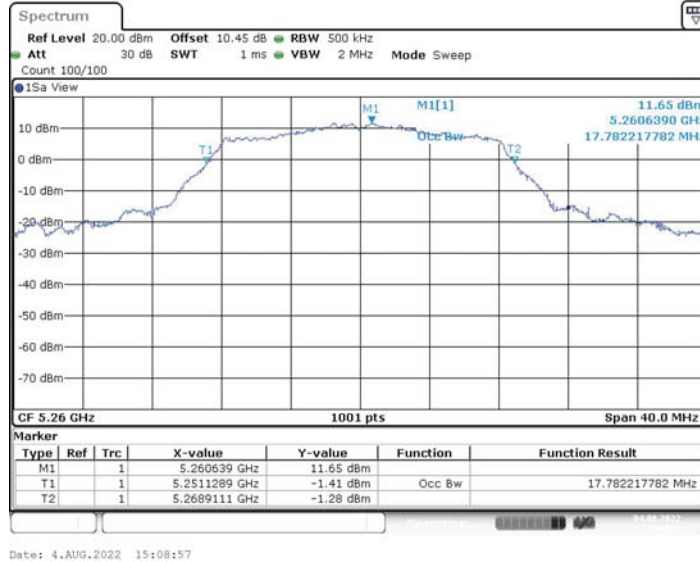
11A_Ant1_5200



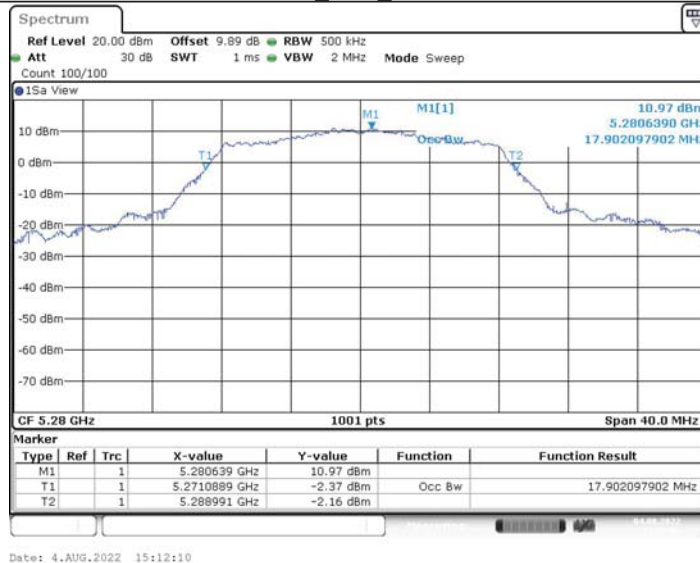
11A_Ant1_5240



11A Ant1_5260



11A Ant1_5280





11A_Ant1_5320



Date: 4.AUG.2022 15:15:02

11A_Ant1_5500



Date: 4.AUG.2022 15:17:17

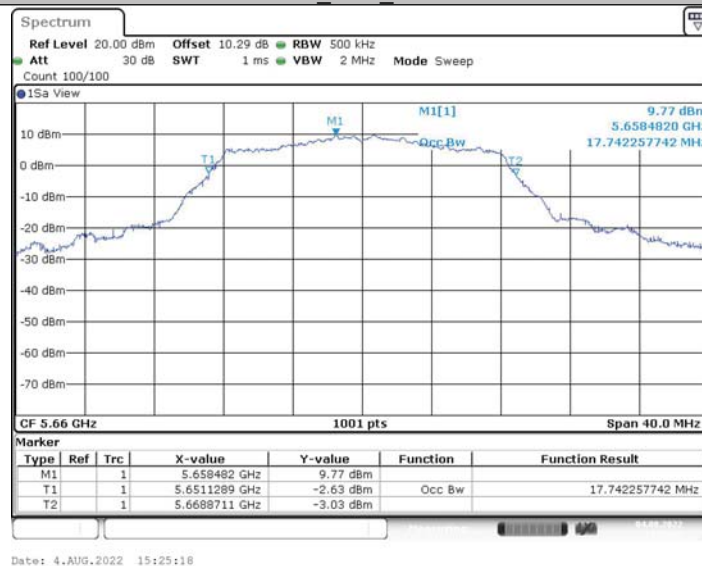
11A_Ant1_5580



11A Ant1_5620



11A Ant1_5660





11A_Ant1_5700



Date: 4.AUG.2022 15:29:36

11A_Ant1_5745



Date: 4.AUG.2022 17:09:38

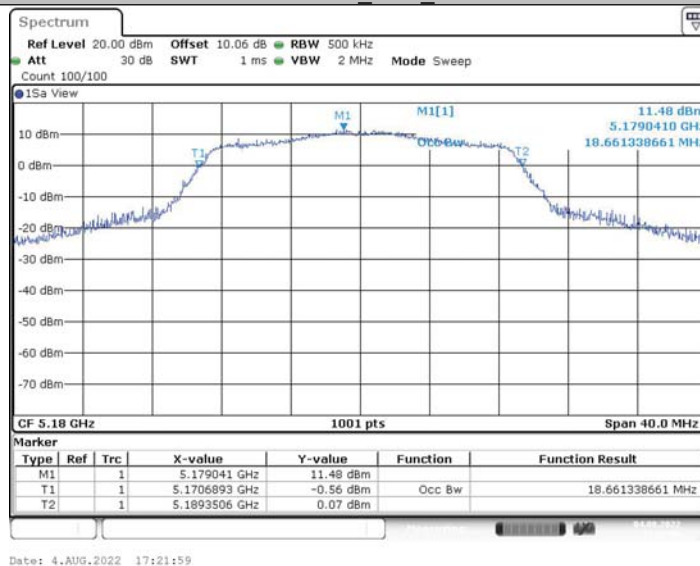
11A_Ant1_5785



11A_Ant1_5825

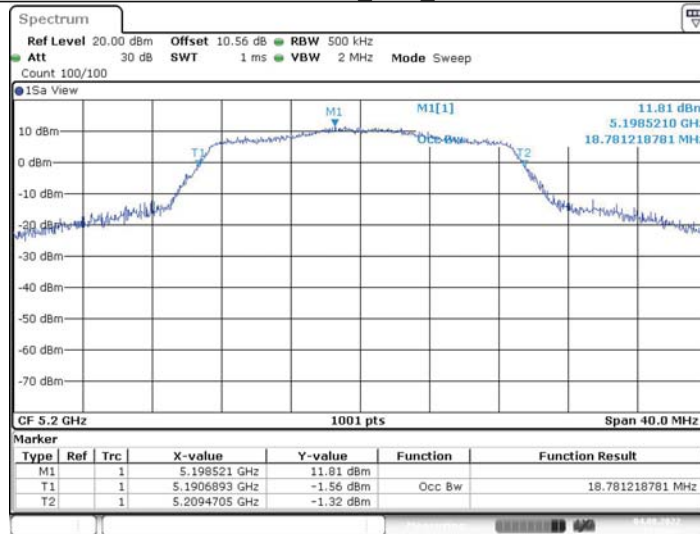


11N20SISO_Ant1_5180



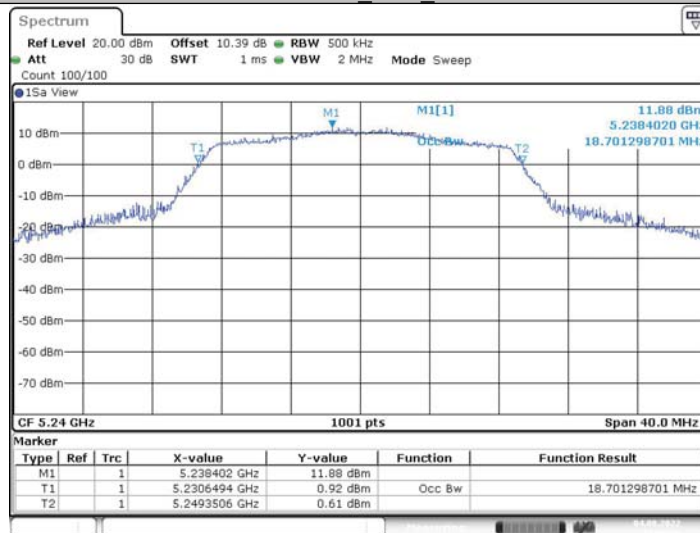


11N20SISO_Ant1_5200



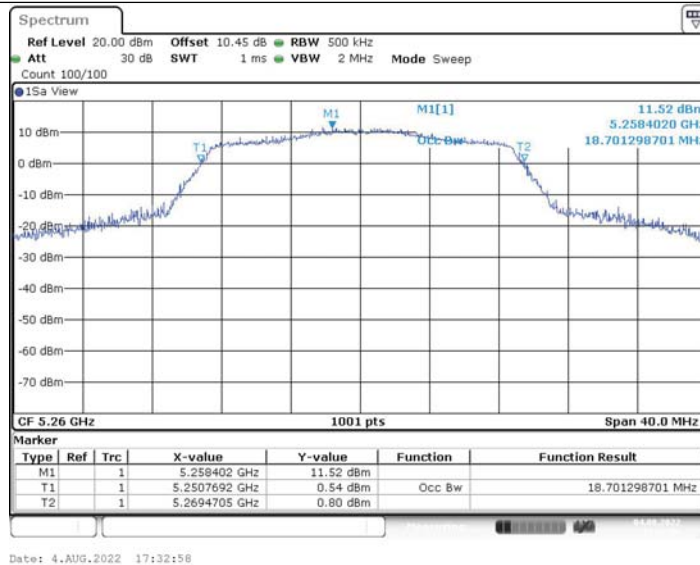
Date: 4.AUG.2022 17:26:16

11N20SISO_Ant1_5240

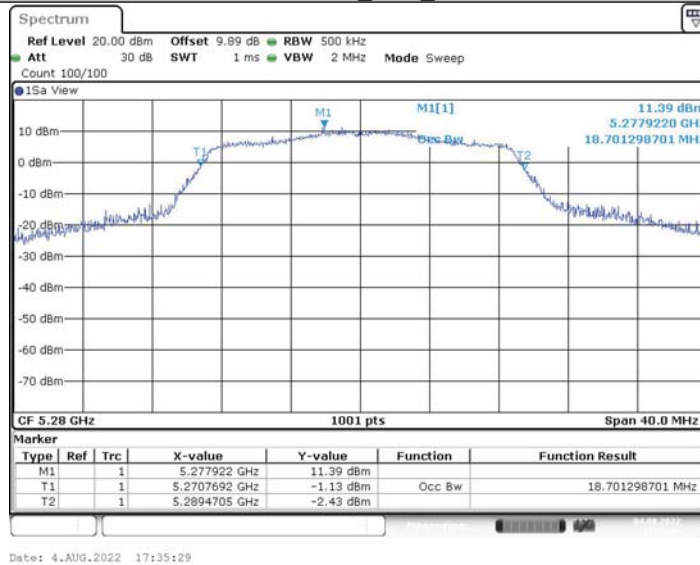


Date: 4.AUG.2022 17:30:26

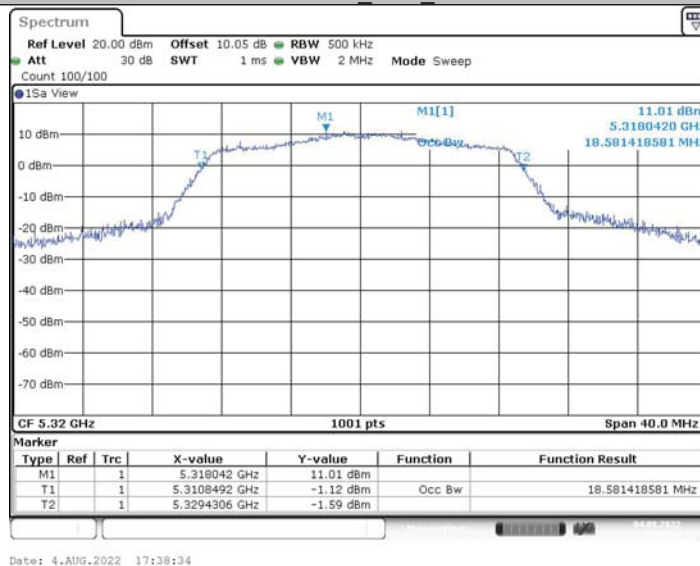
11N20SISO_Ant1_5260



11N20SISO_Ant1_5280

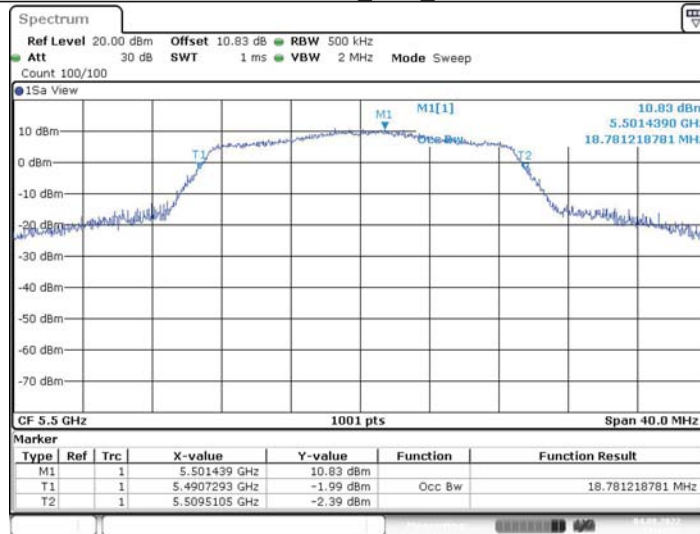


11N20SISO_Ant1_5320

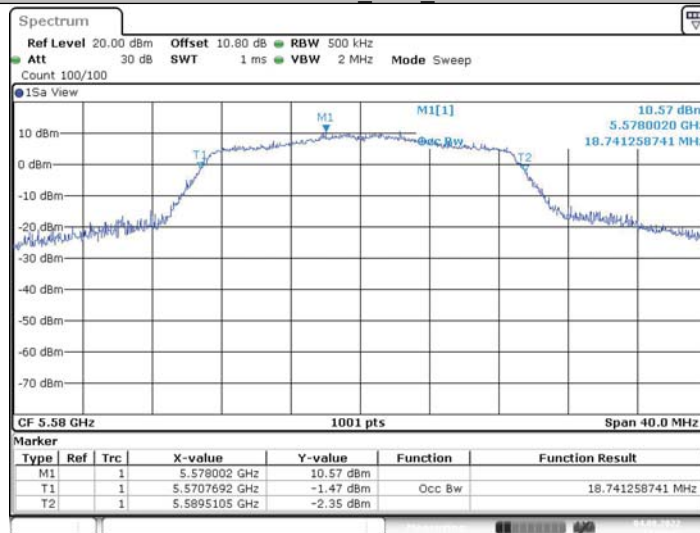




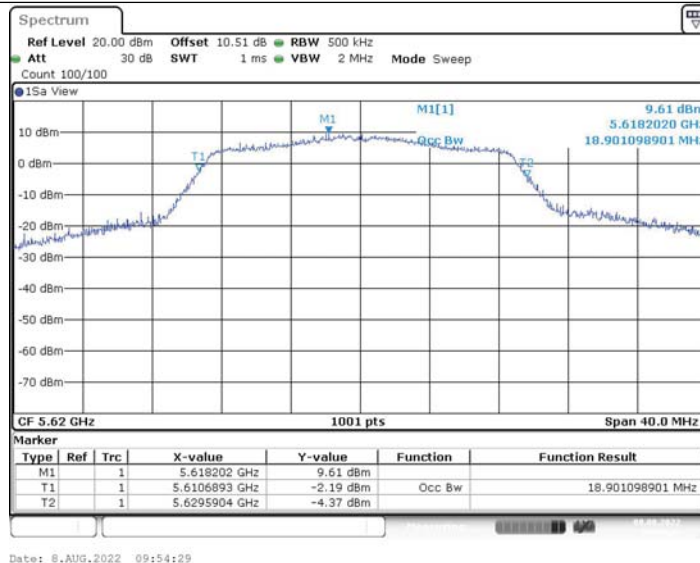
11N20SISO_Ant1_5500



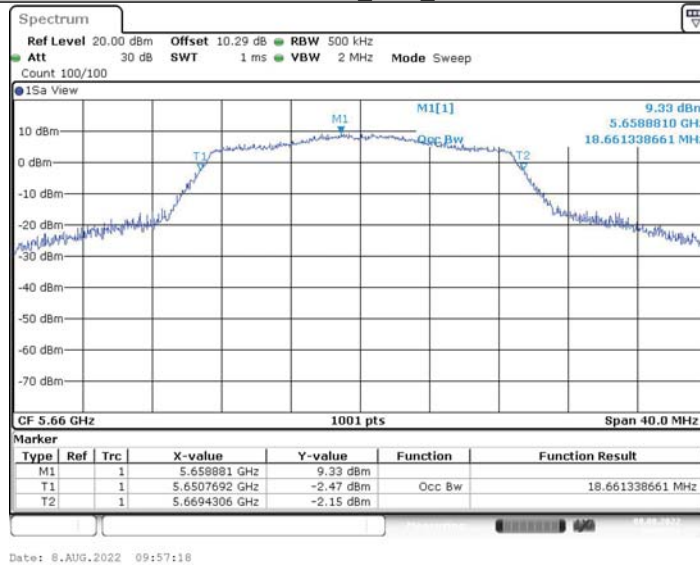
11N20SISO_Ant1_5580



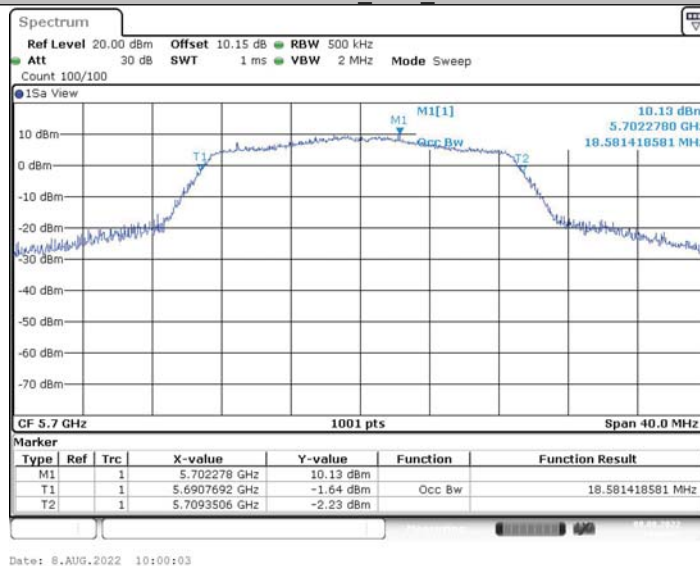
11N20SISO_Ant1_5620



11N20SISO_Ant1_5660

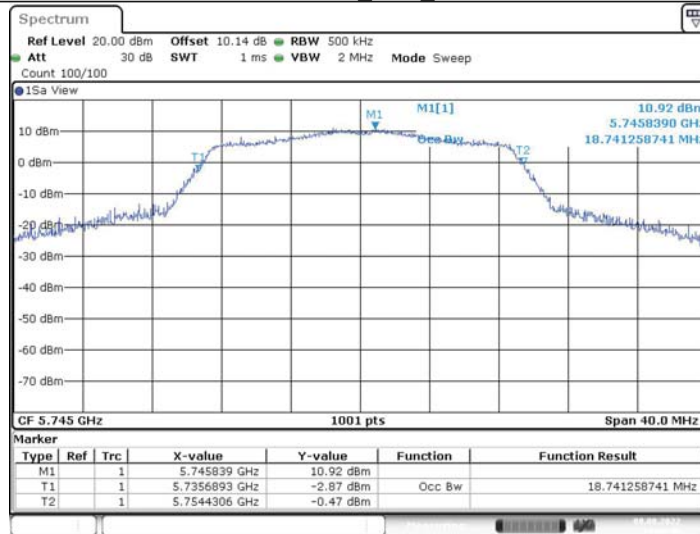


11N20SISO_Ant1_5700

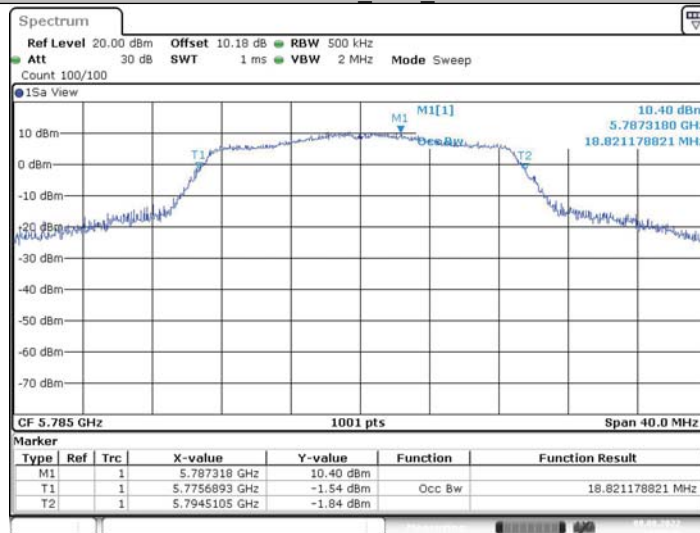




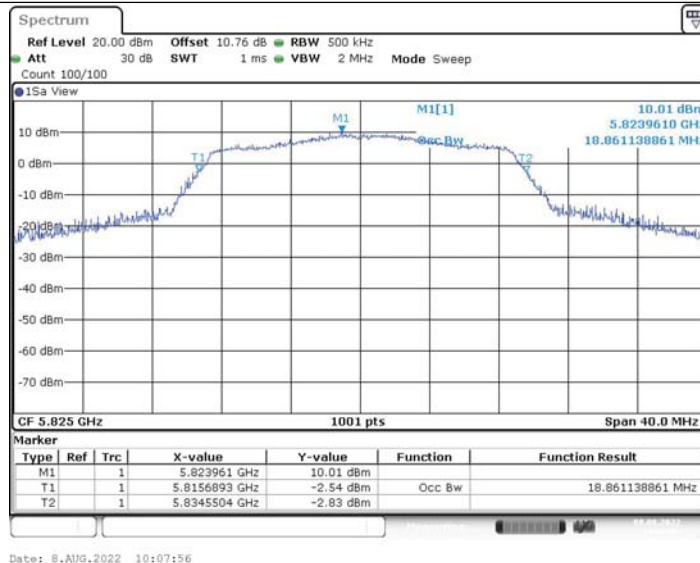
11N20SISO_Ant1_5745



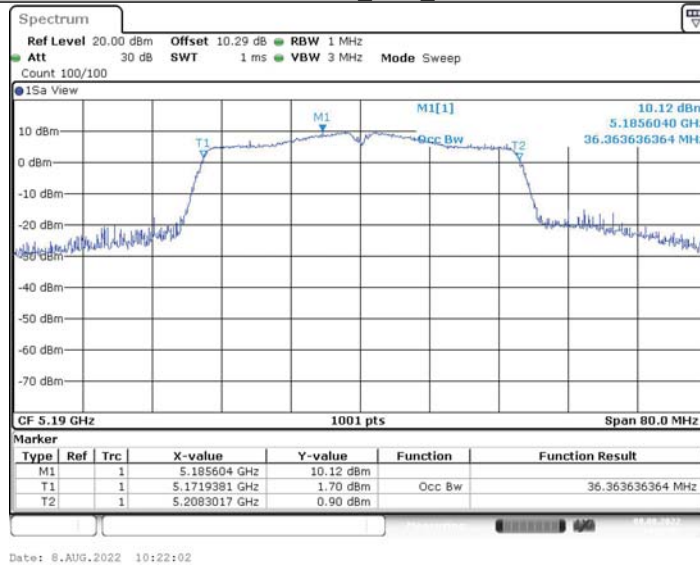
11N20SISO_Ant1_5785



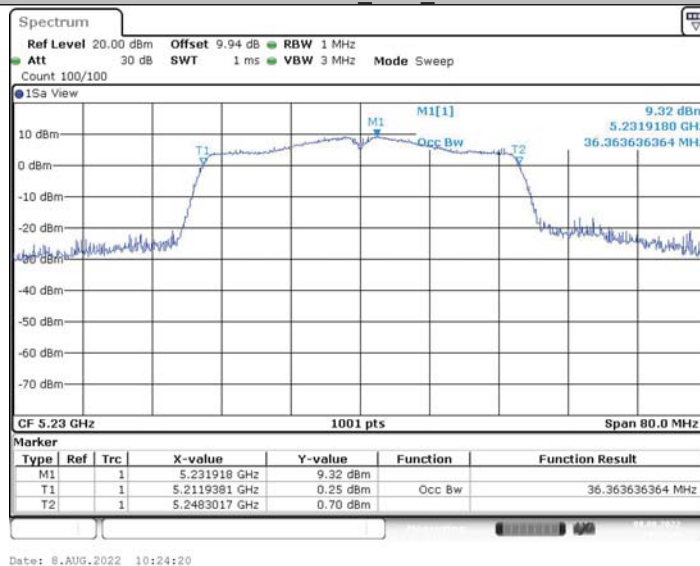
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

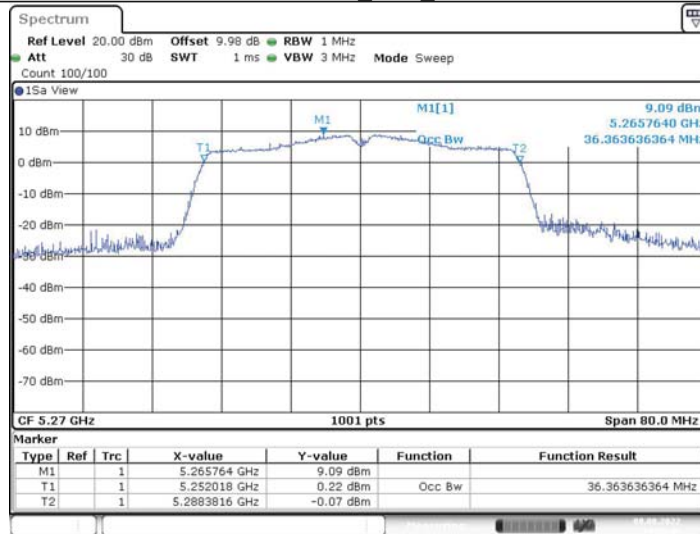


11N40SISO_Ant1_5230

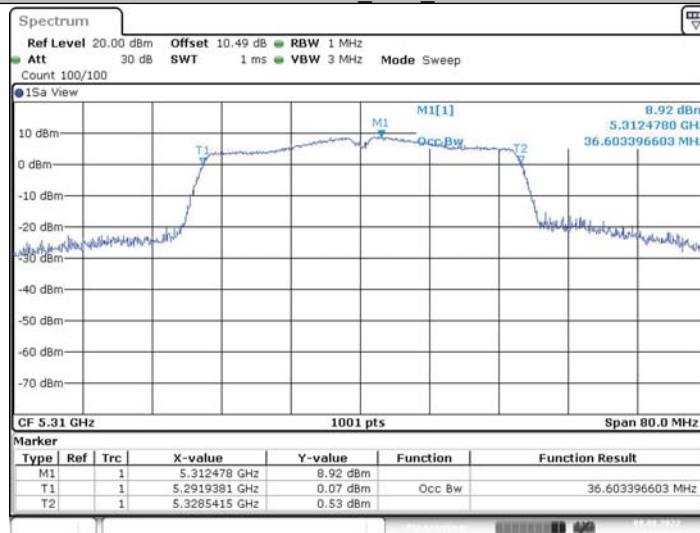




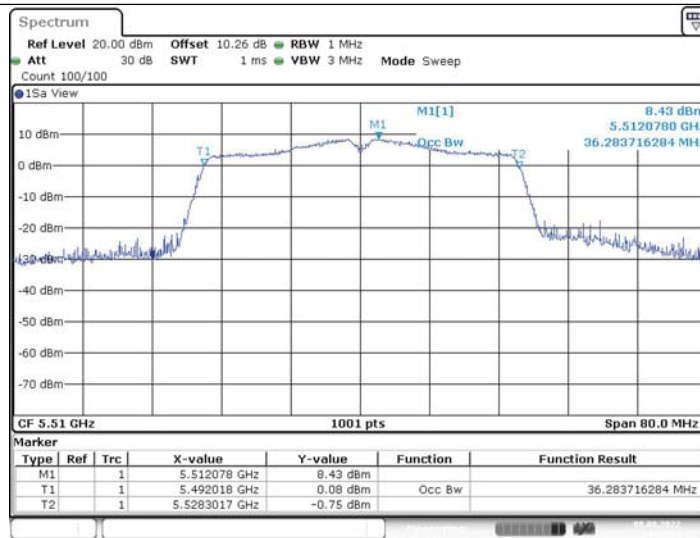
11N40SISO_Ant1_5270



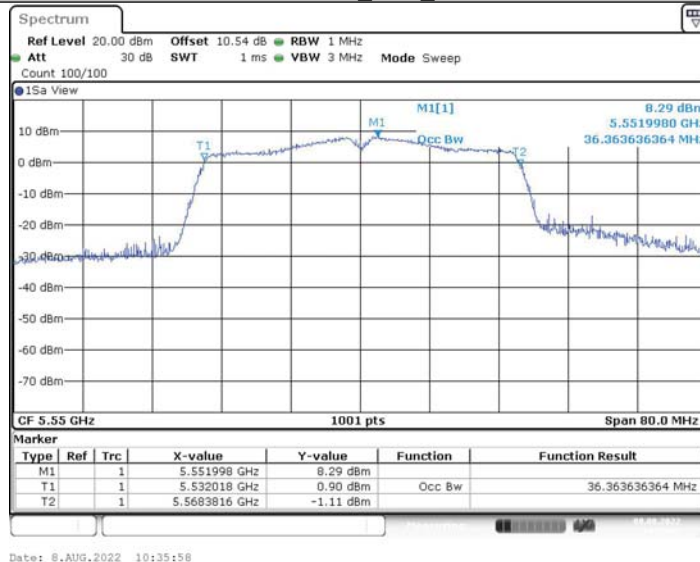
11N40SISO_Ant1_5310



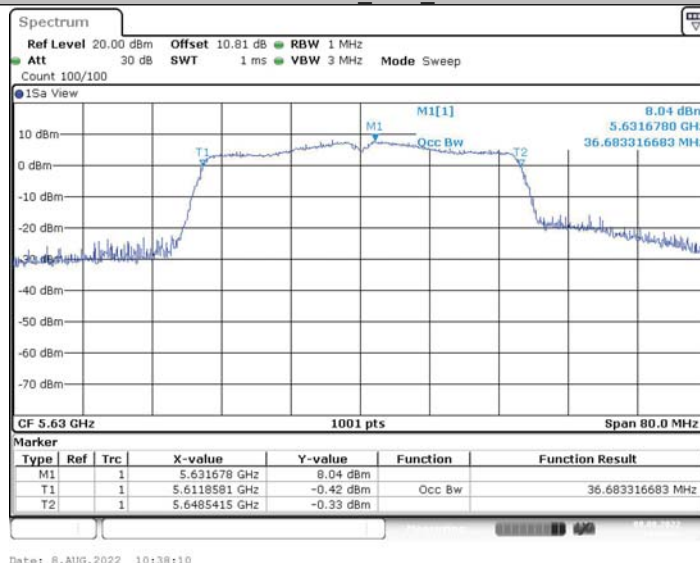
11N40SISO_Ant1_5510



11N40SISO_Ant1_5550

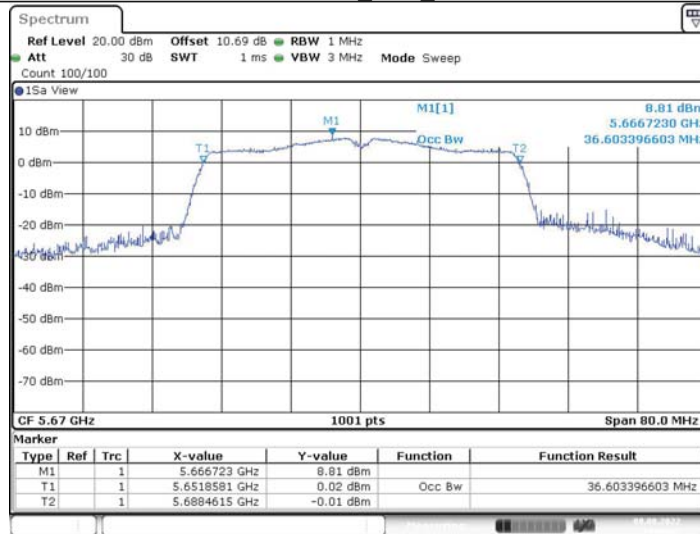


11N40SISO_Ant1_5630



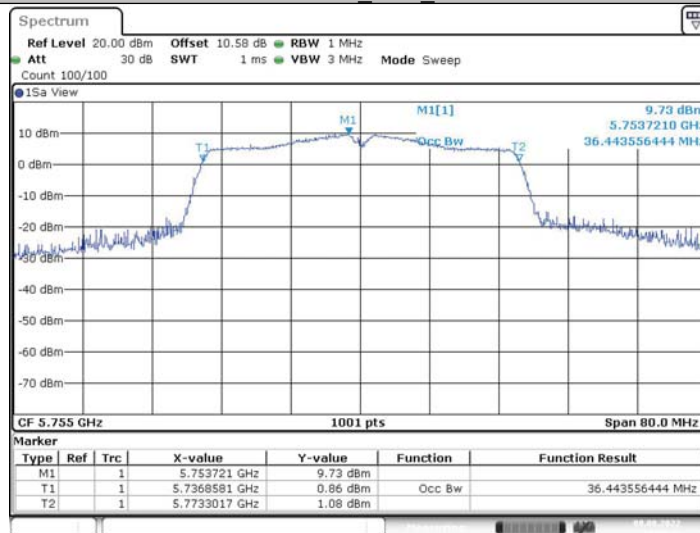


11N40SISO_Ant1_5670



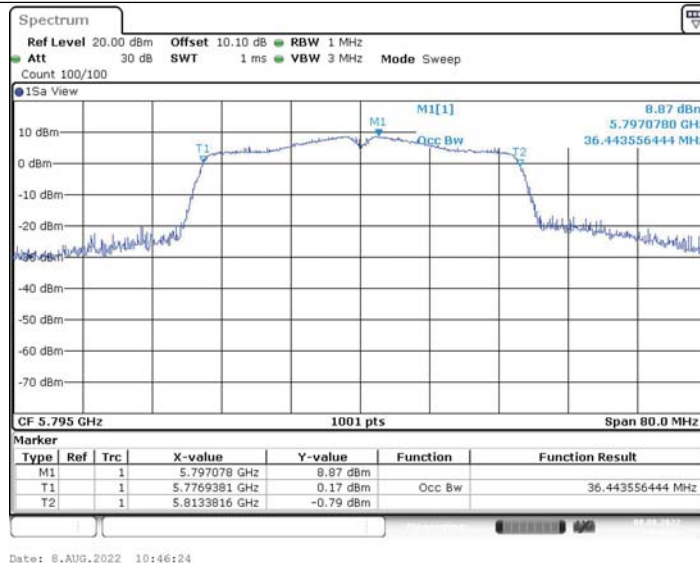
Date: 8.AUG.2022 10:40:28

11N40SISO_Ant1_5755

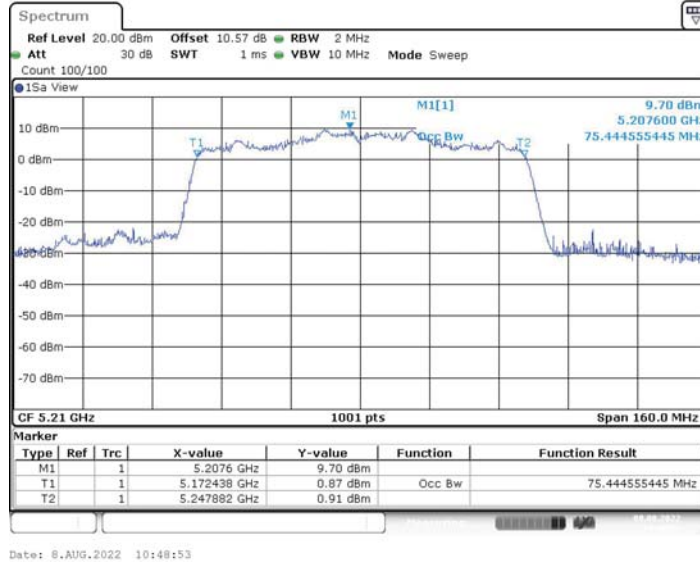


Date: 8.AUG.2022 10:44:11

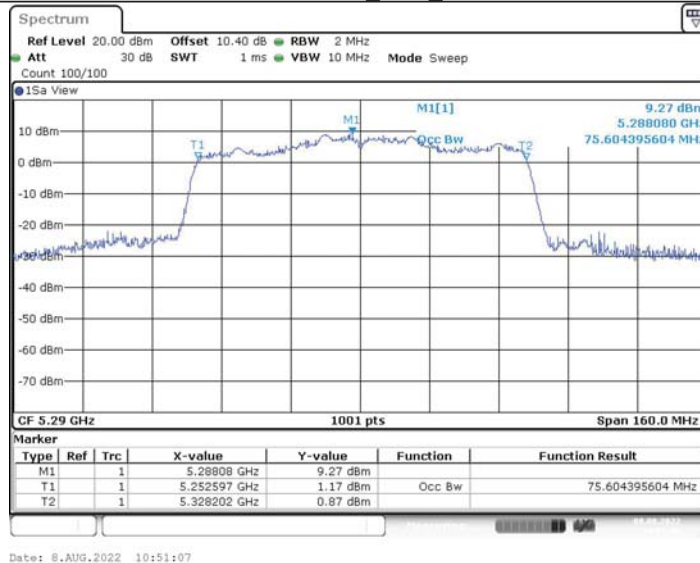
11N40SISO_Ant1_5795



11AC80SISO_Ant1_5210

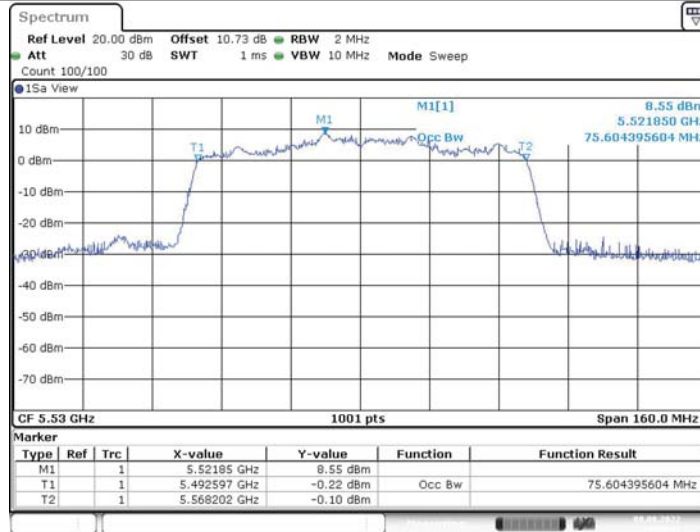


11AC80SISO_Ant1_5290



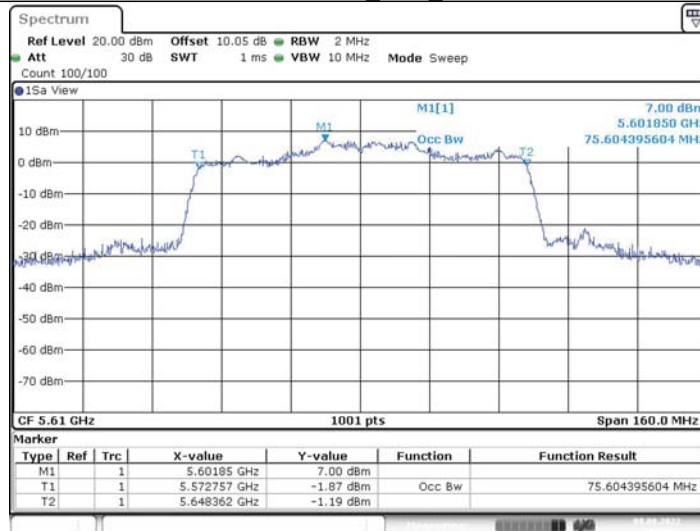


11AC80SISO_Ant1_5530



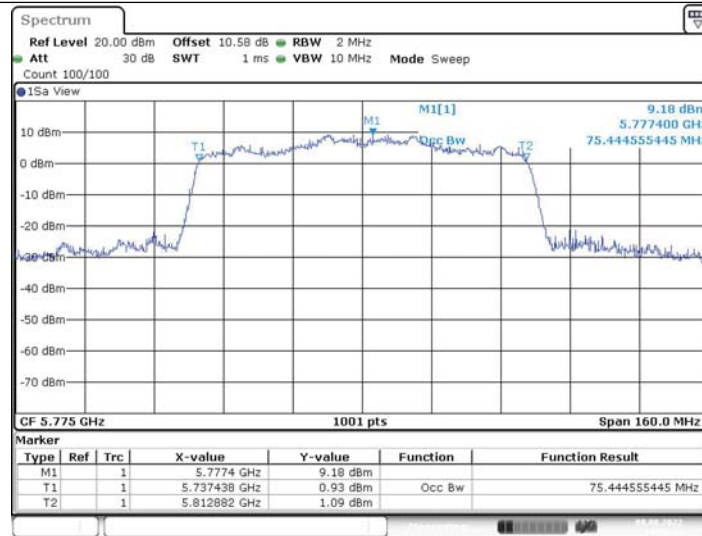
Date: 8.AUG.2022 10:53:42

11AC80SISO_Ant1_5610



Date: 8.AUG.2022 10:55:57

11AC80SISO_Ant1_5775



Date: 8.AUG.2022 10:58:16



5.4 Appendix D: TRANSMIT POWER MEASUREMENT

5.4.1 Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	16.52	≤23.98	PASS
		5200	16.71	≤23.98	PASS
		5240	16.54	≤23.98	PASS
		5260	16.58	≤23.98	PASS
		5280	15.88	≤23.98	PASS
		5320	15.91	≤23.98	PASS
		5500	15.97	≤23.98	PASS
		5580	15.17	≤23.98	PASS
		5620	14.77	≤23.98	PASS
		5660	14.66	≤23.98	PASS
		5700	15.13	≤23.98	PASS
		5745	15.92	≤30.00	PASS
		5785	15.45	≤30.00	PASS
		5825	14.99	≤30.00	PASS
11N20SISO	Ant1	5180	16.02	≤23.98	PASS
		5200	16.23	≤23.98	PASS
		5240	16.36	≤23.98	PASS
		5260	16.11	≤23.98	PASS
		5280	15.32	≤23.98	PASS
		5320	15.38	≤23.98	PASS
		5500	15.39	≤23.98	PASS
		5580	14.80	≤23.98	PASS
		5620	14.00	≤23.98	PASS
		5660	13.99	≤23.98	PASS
		5700	14.49	≤23.98	PASS
		5745	15.57	≤30.00	PASS
		5785	15.14	≤30.00	PASS
		5825	14.68	≤30.00	PASS
11N40SISO	Ant1	5190	13.83	≤23.98	PASS
		5230	13.47	≤23.98	PASS
		5270	13.18	≤23.98	PASS
		5310	13.17	≤23.98	PASS
		5510	12.85	≤23.98	PASS
		5550	12.59	≤23.98	PASS
		5630	12.37	≤23.98	PASS
		5670	12.41	≤23.98	PASS
		5755	13.94	≤30.00	PASS
		5795	12.99	≤30.00	PASS
11AC80SISO	Ant1	5210	12.71	≤23.98	PASS
		5290	12.54	≤23.98	PASS
		5530	11.57	≤23.98	PASS
		5610	10.76	≤23.98	PASS
		5775	12.32	≤30.00	PASS



5.5 Appendix E: POWER SPECTRAL DENSITY MEASUREMENT

5.5.1 Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.98	≤11.00	PASS
		5200	7.14	≤11.00	PASS
		5240	7.01	≤11.00	PASS
		5260	7.03	≤11.00	PASS
		5280	6.36	≤11.00	PASS
		5320	6.36	≤11.00	PASS
		5500	6.34	≤11.00	PASS
		5580	5.54	≤11.00	PASS
		5620	5.3	≤11.00	PASS
		5660	5.14	≤11.00	PASS
		5700	5.63	≤11.00	PASS
		5745	3.65	≤30.00	PASS
		5785	3.16	≤30.00	PASS
		5825	2.65	≤30.00	PASS
11N20SISO	Ant1	5180	6.39	≤11.00	PASS
		5200	6.44	≤11.00	PASS
		5240	6.68	≤11.00	PASS
		5260	6.36	≤11.00	PASS
		5280	5.64	≤11.00	PASS
		5320	5.71	≤11.00	PASS
		5500	5.65	≤11.00	PASS
		5580	4.97	≤11.00	PASS
		5620	4.31	≤11.00	PASS
		5660	4.26	≤11.00	PASS
		5700	4.76	≤11.00	PASS
		5745	3.07	≤30.00	PASS
		5785	2.6	≤30.00	PASS
		5825	2.14	≤30.00	PASS
11N40SISO	Ant1	5190	1.28	≤11.00	PASS
		5230	1.12	≤11.00	PASS
		5270	0.52	≤11.00	PASS
		5310	0.63	≤11.00	PASS
		5510	0.41	≤11.00	PASS
		5550	0.12	≤11.00	PASS
		5630	-0.44	≤11.00	PASS
		5670	-0.29	≤11.00	PASS
		5755	-1.49	≤30.00	PASS
		5795	-2.23	≤30.00	PASS
11AC80SISO	Ant1	5210	-2.89	≤11.00	PASS
		5290	-3.09	≤11.00	PASS
		5530	-4.04	≤11.00	PASS
		5610	-4.4	≤11.00	PASS
		5775	-5.93	≤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.



5.5.2 Test Graphs

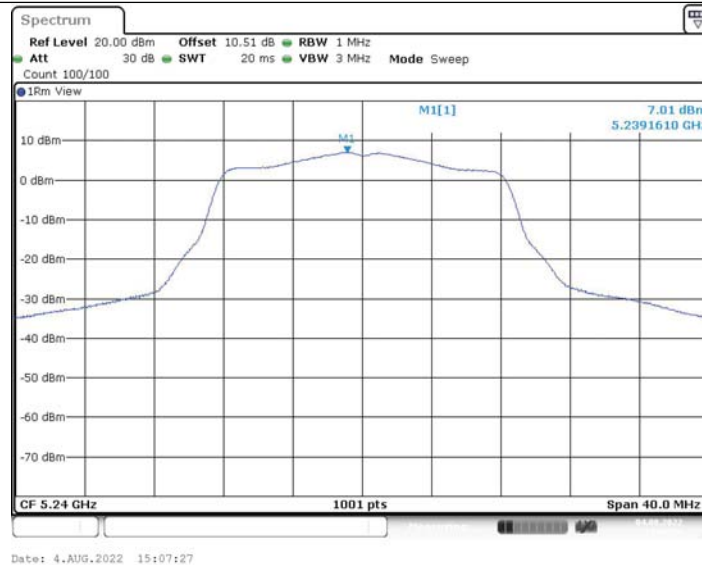
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11A Ant1_5260



11A Ant1_5280





11A_Ant1_5320



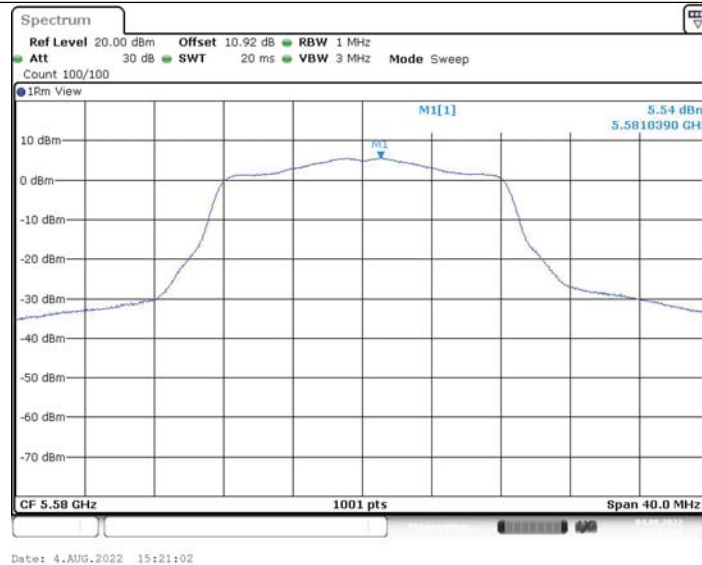
Date: 4.AUG.2022 15:16:11

11A_Ant1_5500

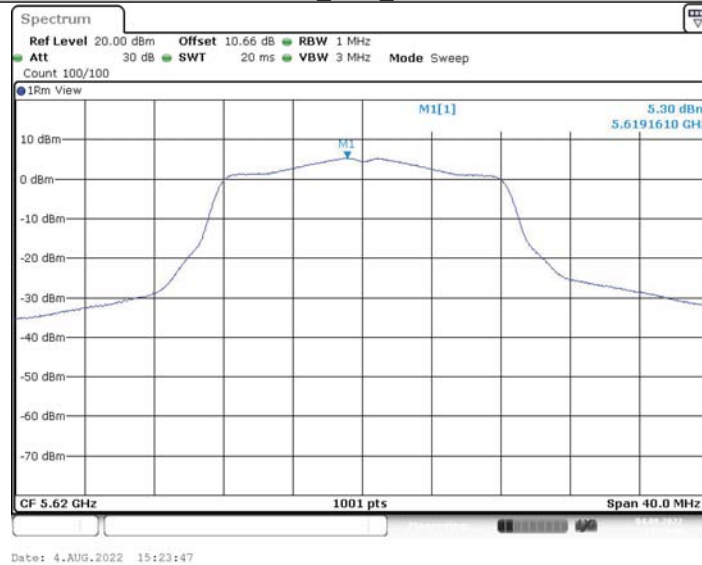


Date: 4.AUG.2022 15:18:26

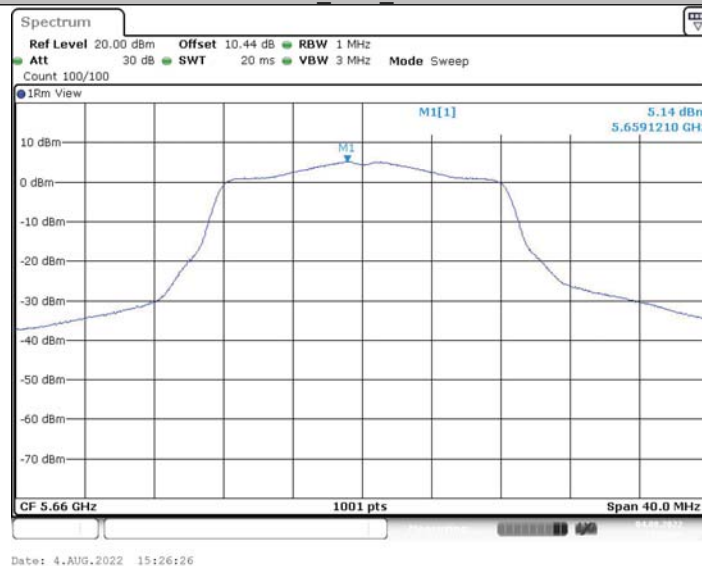
11A_Ant1_5580



11A Ant1_5620

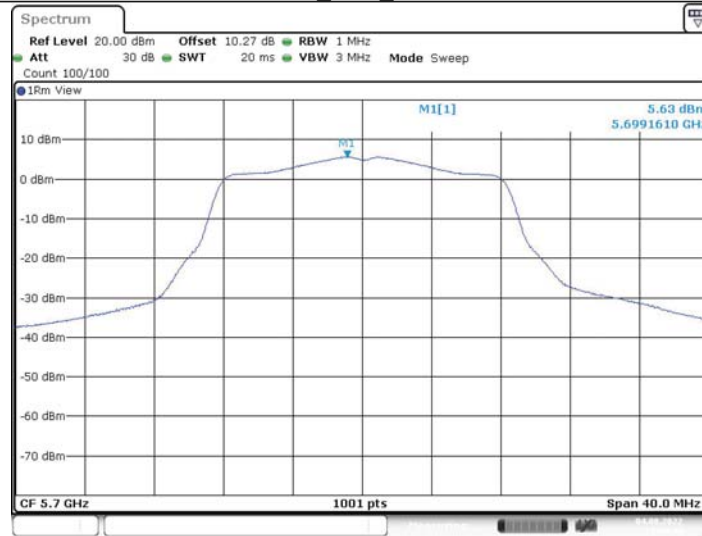


11A Ant1_5660





11A_Ant1_5700



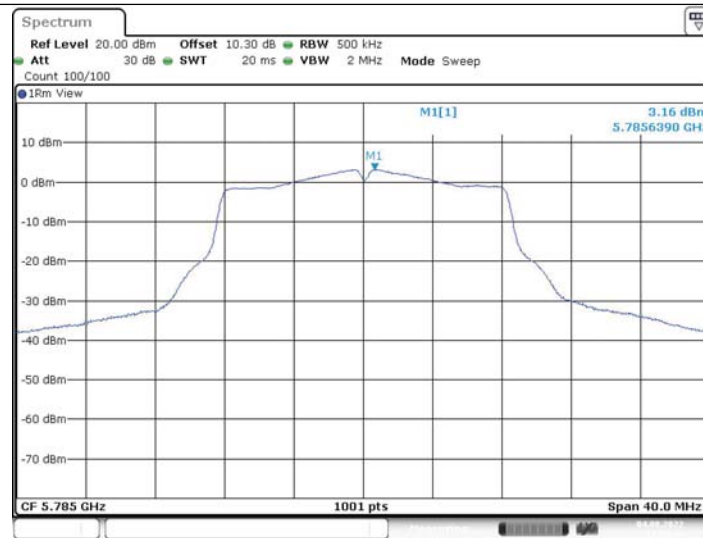
Date: 4.AUG.2022 15:30:45

11A_Ant1_5745



Date: 4.AUG.2022 17:10:44

11A_Ant1_5785



Date: 4.AUG.2022 17:13:18

11A_Ant1_5825



Date: 4.AUG.2022 17:16:25

11N20SISO_Ant1_5180



Date: 4.AUG.2022 17:23:06



11N20SISO_Ant1_5200



Date: 4.AUG.2022 17:27:22

11N20SISO_Ant1_5240

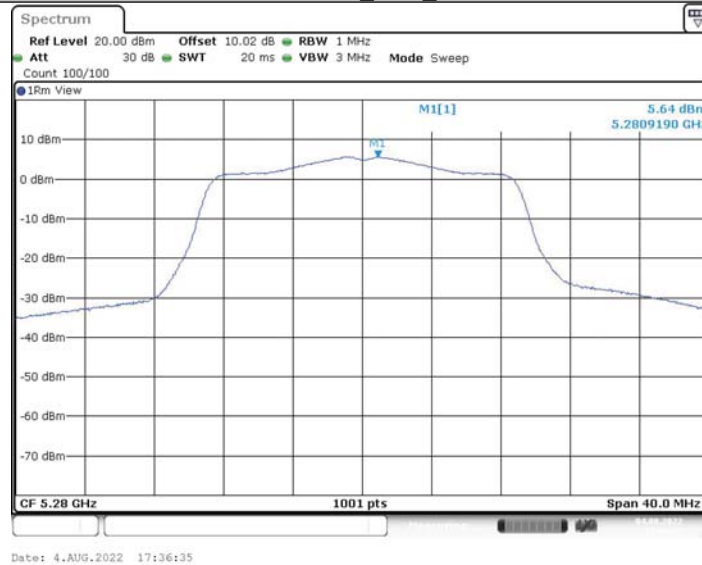


Date: 4.AUG.2022 17:31:32

11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320





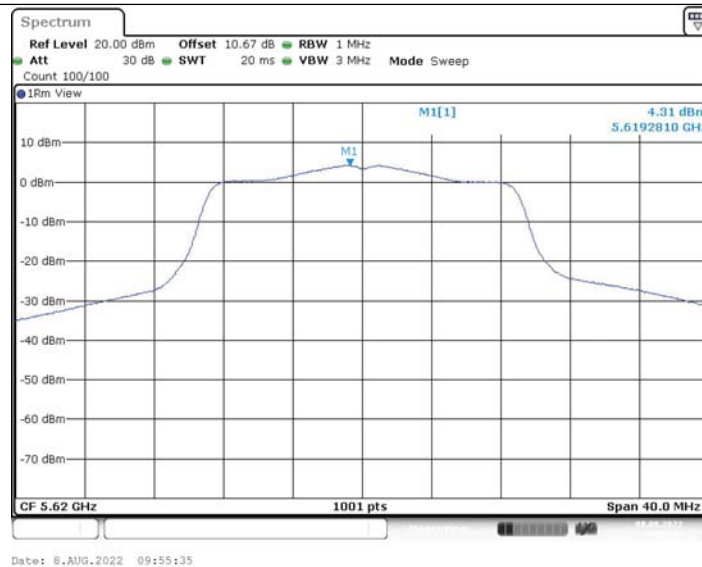
11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



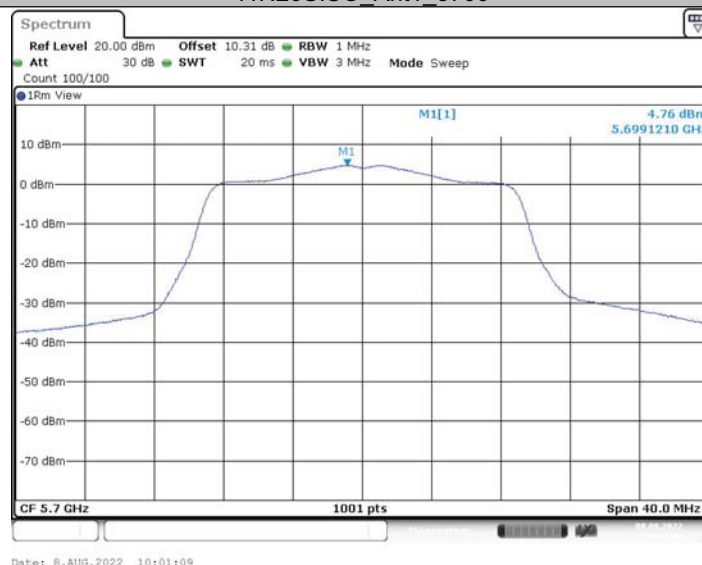
11N20SISO_Ant1_5620



11N20SISO_Ant1_5660

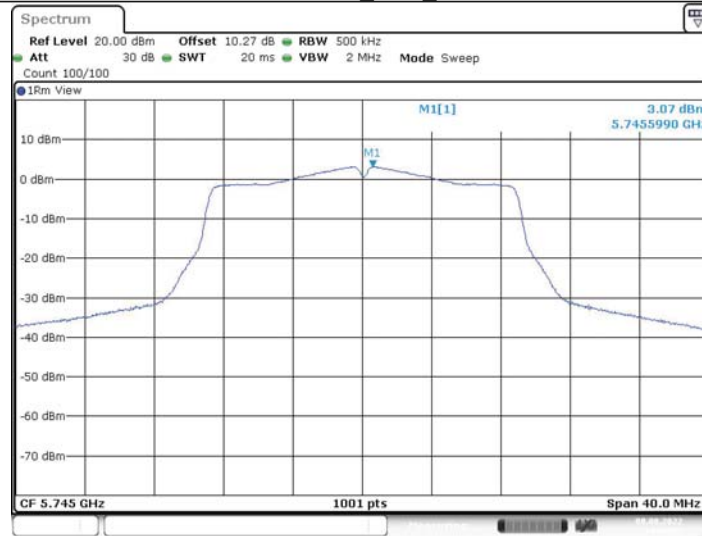


11N20SISO_Ant1_5700



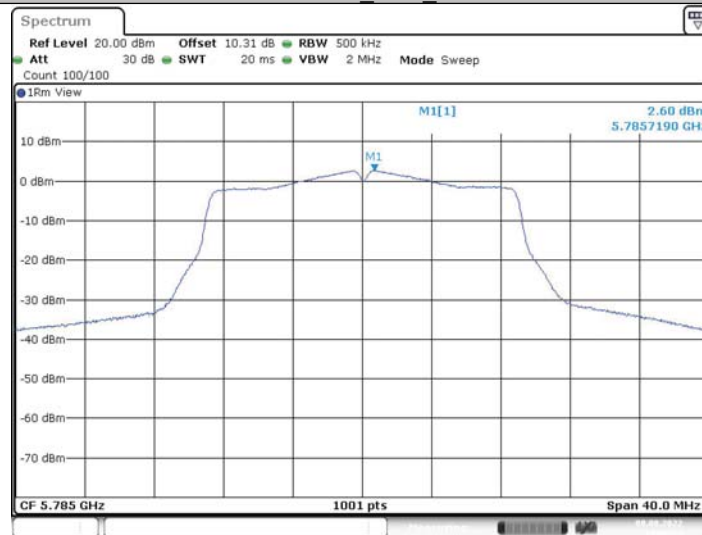


11N20SISO_Ant1_5745



Date: 8.AUG.2022 10:03:52

11N20SISO_Ant1_5785

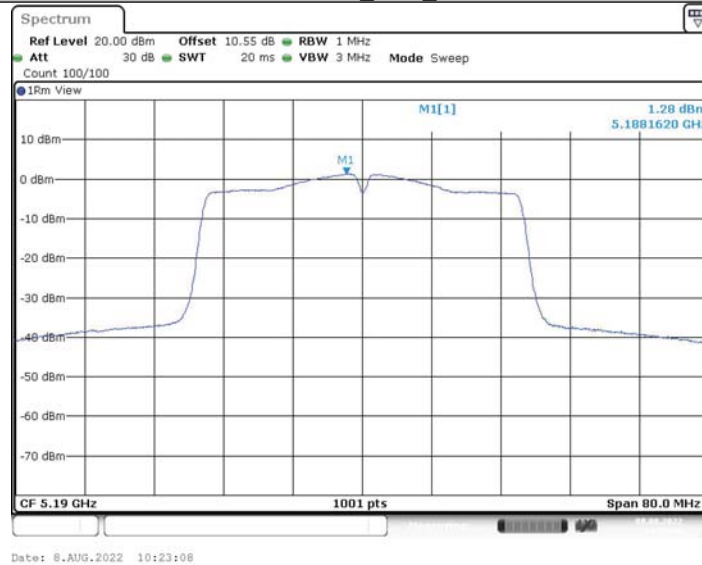


Date: 8.AUG.2022 10:06:54

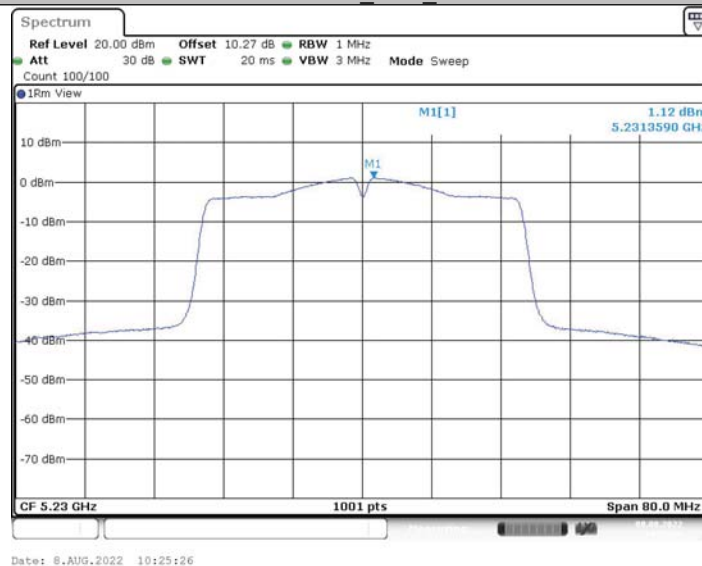
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

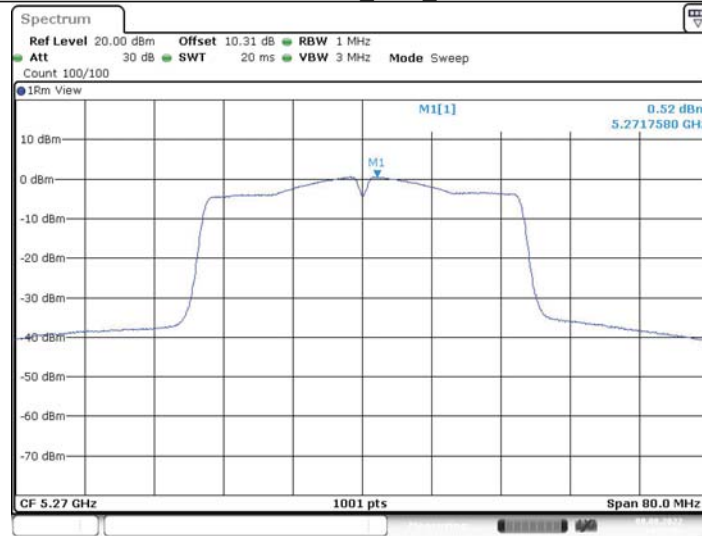


11N40SISO_Ant1_5230





11N40SISO_Ant1_5270



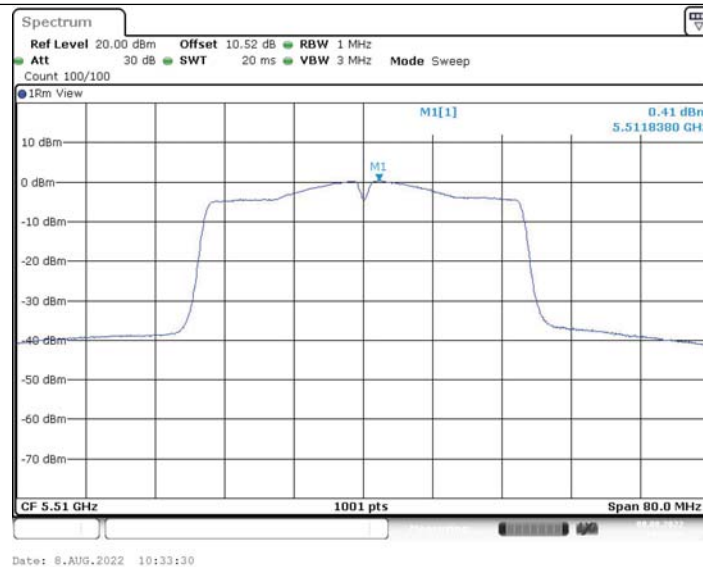
Date: 8.AUG.2022 10:27:56

11N40SISO_Ant1_5310



Date: 8.AUG.2022 10:30:52

11N40SISO_Ant1_5510



11N40SISO_Ant1_5550

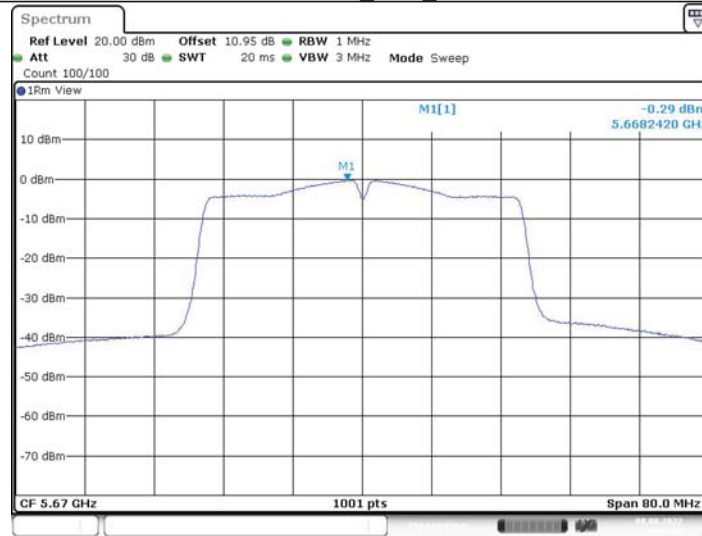


11N40SISO_Ant1_5630





11N40SISO_Ant1_5670



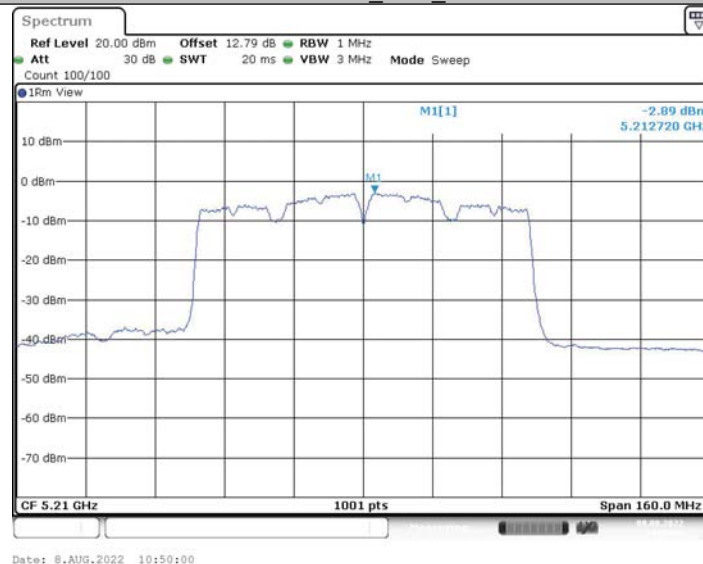
11N40SISO_Ant1_5755



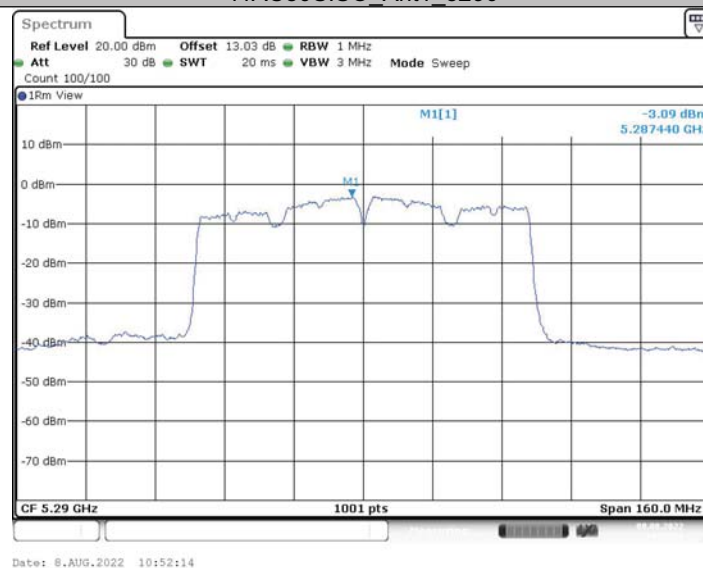
11N40SISO_Ant1_5795



11AC80SISO_Ant1_5210

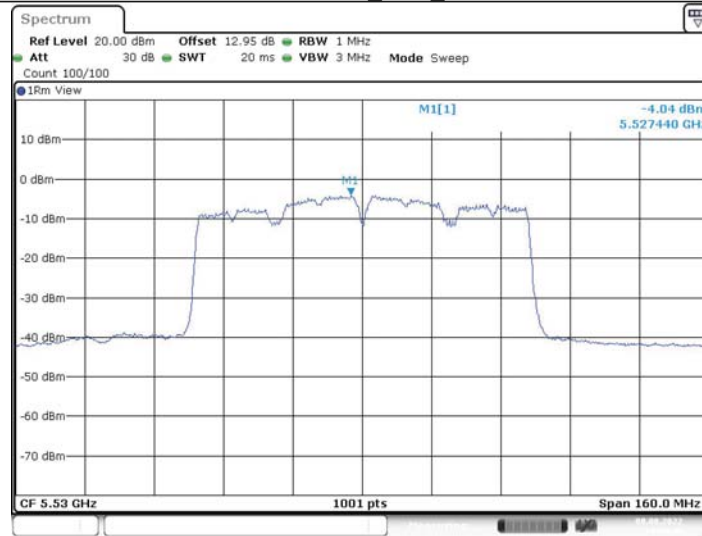


11AC80SISO_Ant1_5290



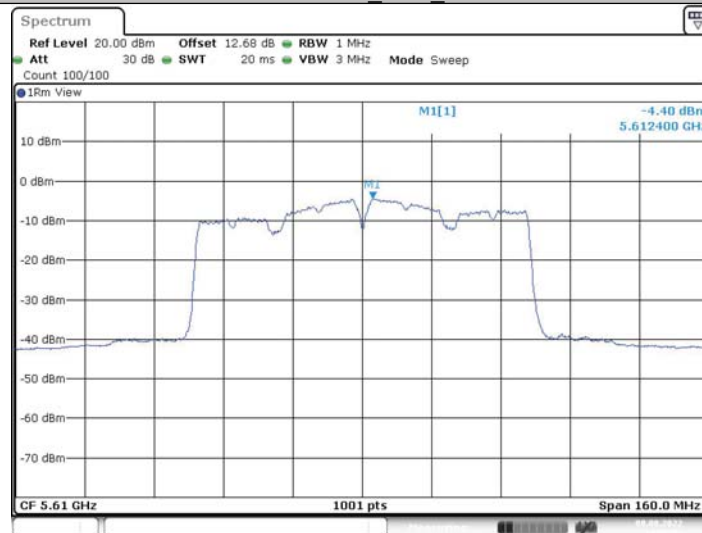


11AC80SISO_Ant1_5530



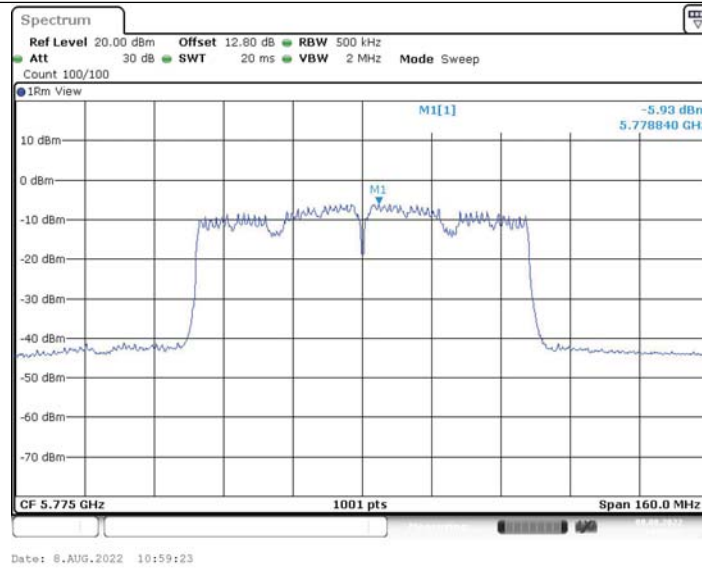
Date: 8.AUG.2022 10:54:49

11AC80SISO_Ant1_5610



Date: 8.AUG.2022 10:57:04

11AC80SISO_Ant1_5775





5.6 Appendix F: FREQUENCY STABILITY

5.6.1 Test Result

Voltage								
TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	80000.00	15.444015	20	PASS
			LV	NT	80000.00	15.444015	20	PASS
			HV	NT	80000.00	15.444015	20	PASS

Temperature								
TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	60000.00	11.583012	20	PASS
			NV	-20	80000.00	15.444015	20	PASS
			NV	-10	60000.00	11.583012	20	PASS
			NV	0	60000.00	11.583012	20	PASS
			NV	10	60000.00	11.583012	20	PASS
			NV	20	80000.00	15.444015	20	PASS
			NV	30	60000.00	11.583012	20	PASS
			NV	40	80000.00	15.444015	20	PASS
			NV	50	80000.00	15.444015	20	PASS



Important

- (1) The test report is valid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.

Laboratory: CVC Testing Technology Co., Ltd.

Address: No.3, TiantaiyiRoad, KaitaiAvenue, ScienceCity, Guangzhou, China

Post Code: 510663 Tel: 020-32293888

FAX: 020-32293889 E-mail: office@cvc.org.cn