

Annex A U-NII Test Data

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.32	5169.48	5190.80	---	---
		5200	21.16	5189.44	5210.60	---	---
		5240	21.36	5229.48	5250.84	---	---
		5260	21.40	5249.56	5270.96	---	---
		5280	21.68	5269.44	5291.12	---	---
		5320	20.24	5310.08	5330.32	---	---
		5500	21.80	5488.92	5510.72	---	---
		5600	20.76	5589.68	5610.44	---	---
		5700	20.60	5689.52	5710.12	---	---
		5745	20.60	5734.80	5755.40	---	---
		5785	20.64	5775.00	5795.64	---	---
		5825	20.16	5814.84	5835.00	---	---
11N20SISO	Ant1	5180	21.80	5169.24	5191.04	---	---
		5200	21.60	5189.40	5211.00	---	---
		5240	21.84	5229.28	5251.12	---	---
		5260	21.80	5249.44	5271.24	---	---
		5280	21.96	5269.28	5291.24	---	---
		5320	21.48	5309.24	5330.72	---	---
		5500	21.20	5489.52	5510.72	---	---
		5600	21.44	5589.24	5610.68	---	---
		5700	21.04	5689.44	5710.48	---	---
		5745	21.04	5734.48	5755.52	---	---
		5785	21.24	5774.24	5795.48	---	---
		5825	21.12	5814.44	5835.56	---	---
11N40SISO	Ant1	5190	40.80	5169.68	5210.48	---	---
		5230	40.88	5209.68	5250.56	---	---
		5270	40.96	5249.52	5290.48	---	---
		5310	40.96	5289.52	5330.48	---	---
		5510	40.96	5489.52	5530.48	---	---
		5590	40.72	5569.68	5610.40	---	---
		5670	40.88	5649.84	5690.72	---	---
		5755	40.96	5734.60	5775.56	---	---

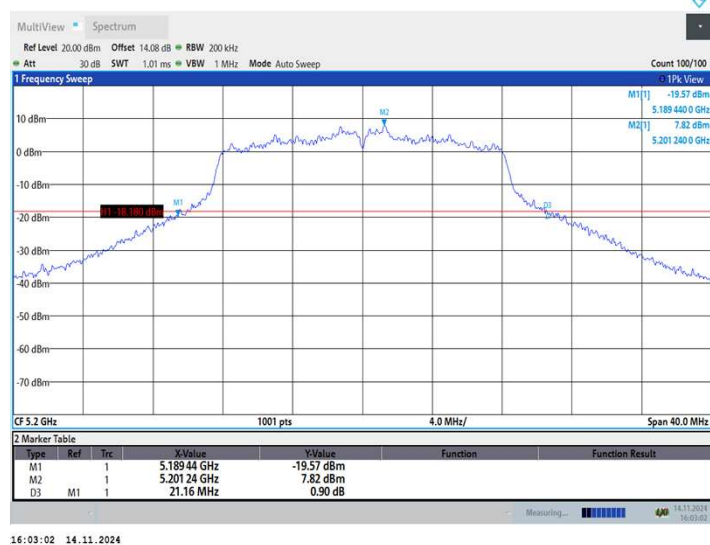
		5795	40.96	5774.52	5815.48	---	---
11AC20SISO	Ant1	5180	22.00	5169.28	5191.28	---	---
		5200	21.56	5189.32	5210.88	---	---
		5240	21.76	5229.28	5251.04	---	---
		5260	21.40	5249.36	5270.76	---	---
		5280	21.40	5269.40	5290.80	---	---
		5320	22.52	5309.20	5331.72	---	---
		5500	21.80	5489.24	5511.04	---	---
		5600	21.68	5589.24	5610.92	---	---
		5700	21.80	5689.28	5711.08	---	---
		5745	21.76	5734.48	5756.24	---	---
		5785	21.08	5774.44	5795.52	---	---
		5825	21.12	5814.32	5835.44	---	---
11AC40SISO	Ant1	5190	41.12	5169.44	5210.56	---	---
		5230	40.88	5209.84	5250.72	---	---
		5270	41.04	5249.52	5290.56	---	---
		5310	41.04	5289.60	5330.64	---	---
		5510	41.28	5489.44	5530.72	---	---
		5590	41.12	5569.52	5610.64	---	---
		5670	40.96	5649.52	5690.48	---	---
		5755	40.96	5734.68	5775.64	---	---
		5795	40.96	5774.60	5815.56	---	---
11AC80SISO	Ant1	5210	89.44	5167.60	5257.04	---	---
		5290	82.40	5249.04	5331.44	---	---
		5530	91.20	5487.12	5578.32	---	---
		5610	99.20	5558.80	5658.00	---	---
		5775	96.80	5725.40	5822.20	---	---

Test Graphs

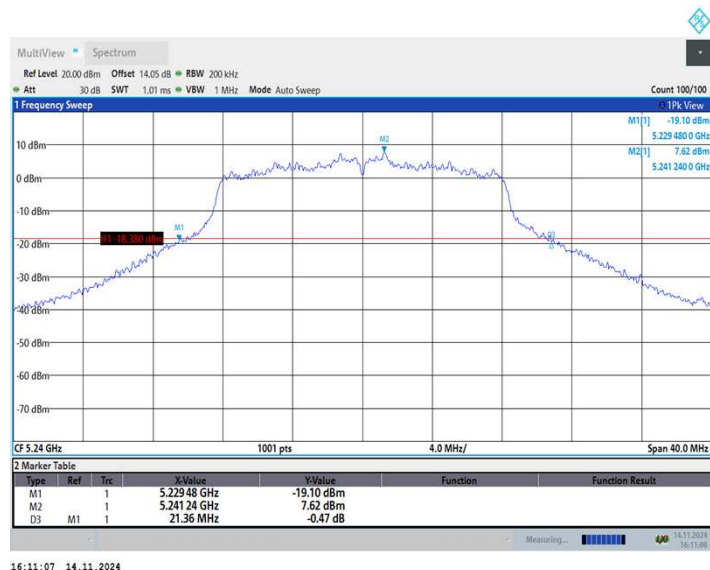
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



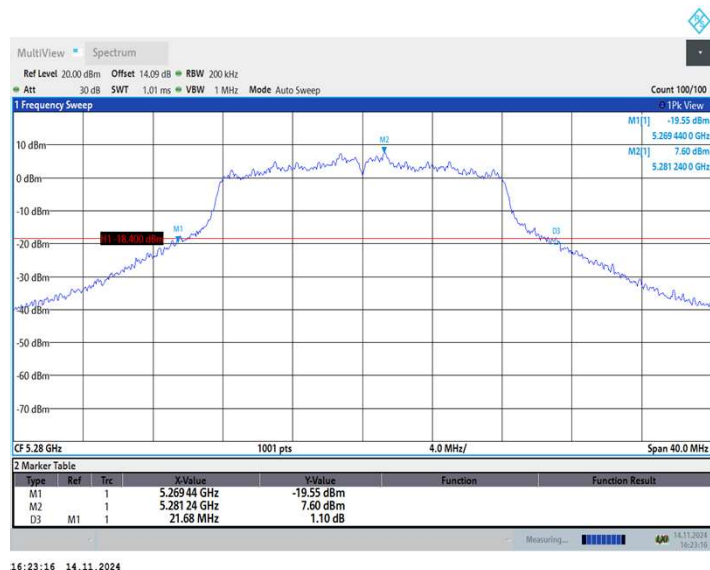
16:11:07 14.11.2024

11A_Ant1_5260

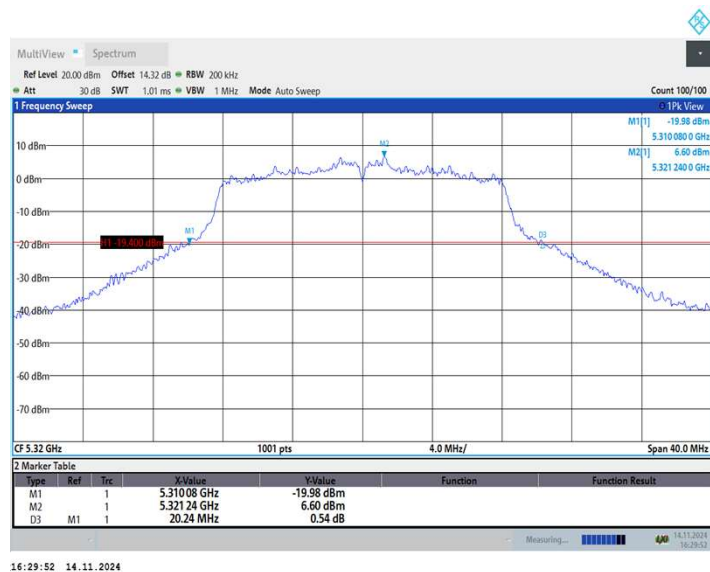


16:17:59 14.11.2024

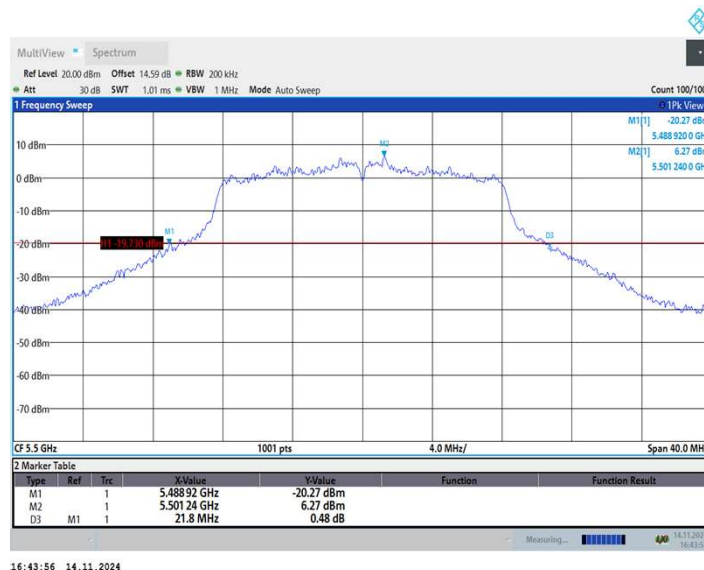
11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



16:43:56 14.11.2024

11A_Ant1_5600

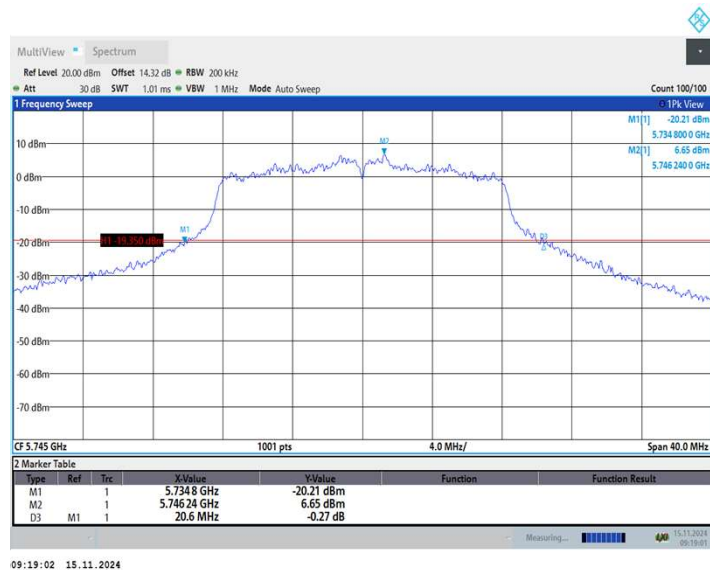


08:45:30 15.11.2024

11A_Ant1_5700



11A_Ant1_5745

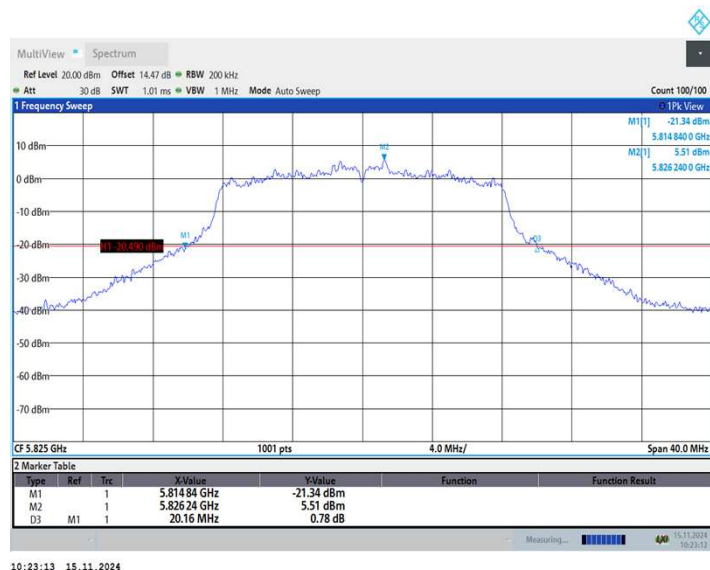


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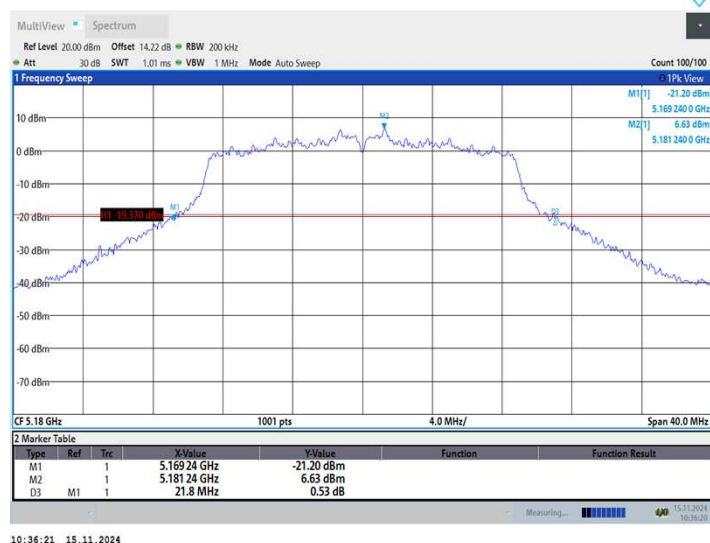
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11A_Ant1_5825

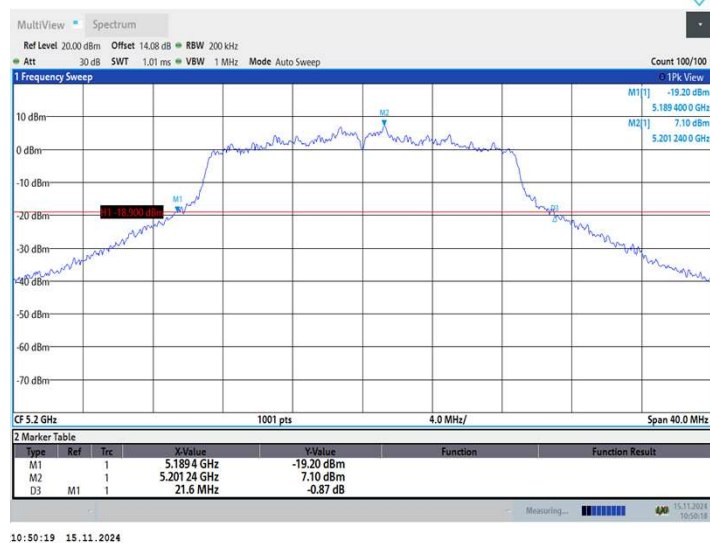


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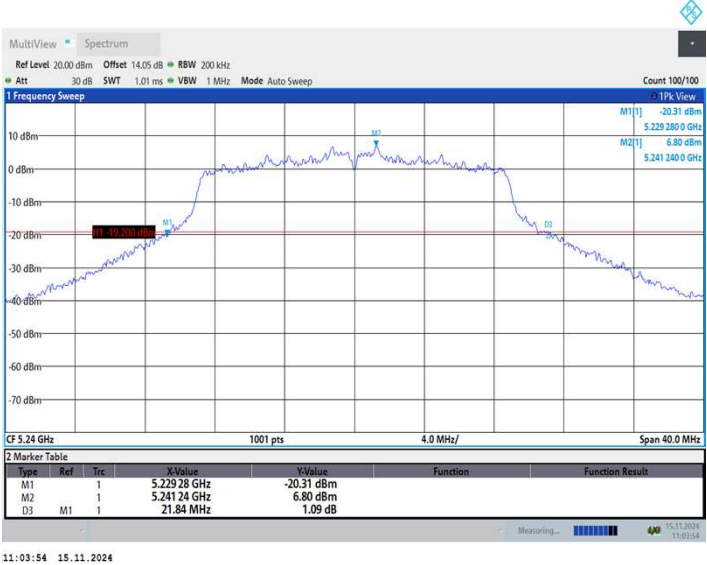
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11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



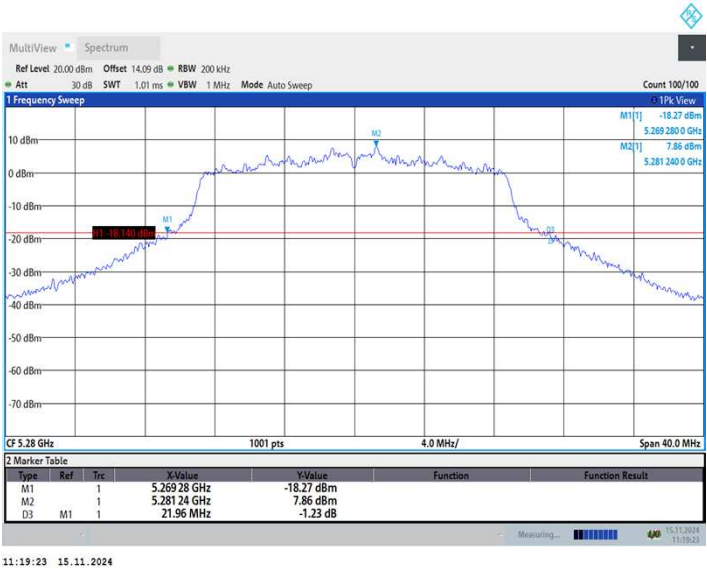
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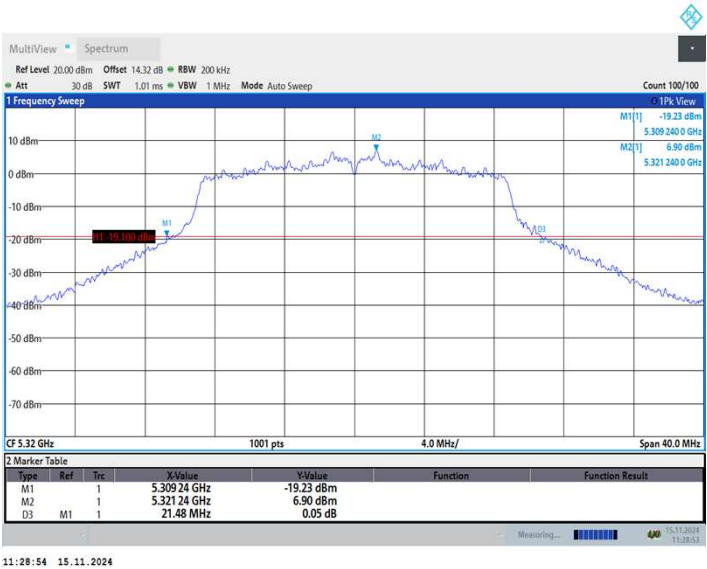


11:13:19 15.11.2024

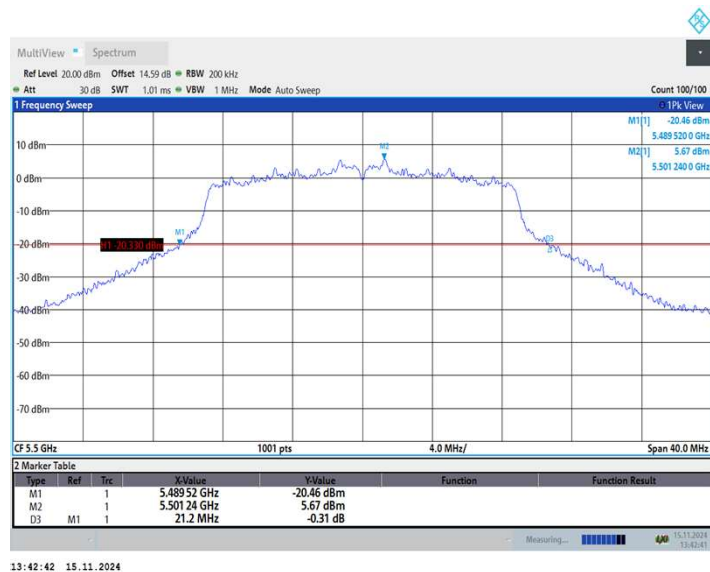
11N20SISO_Ant1_5280



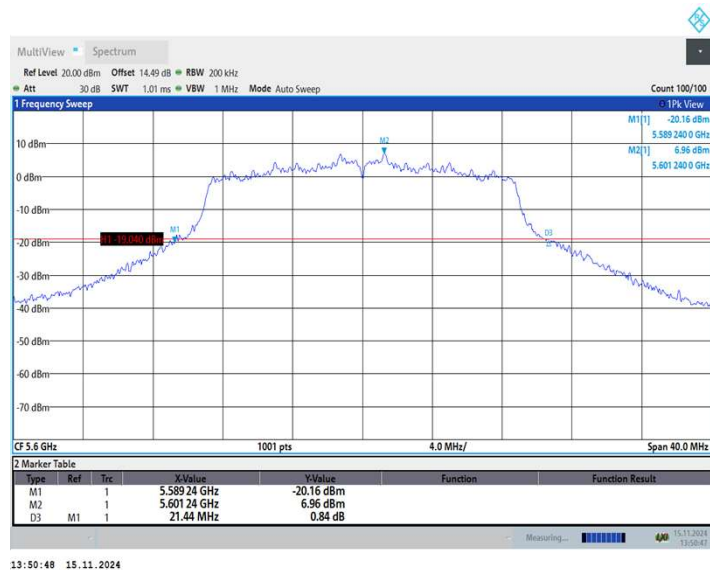
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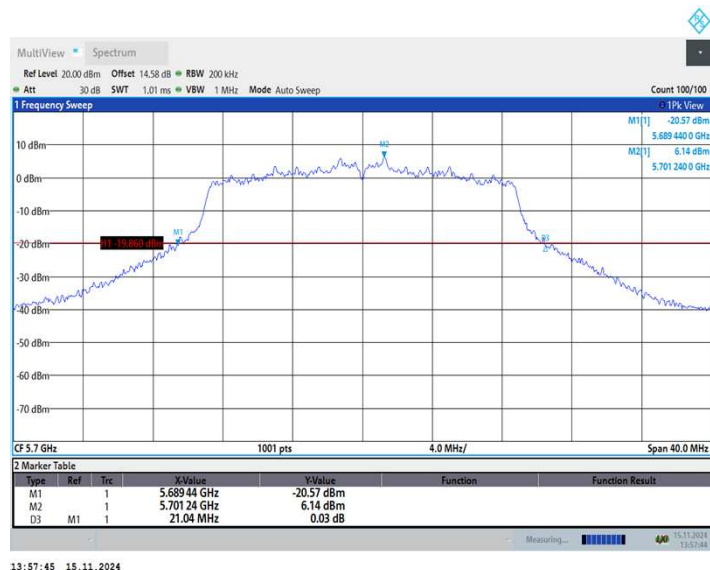
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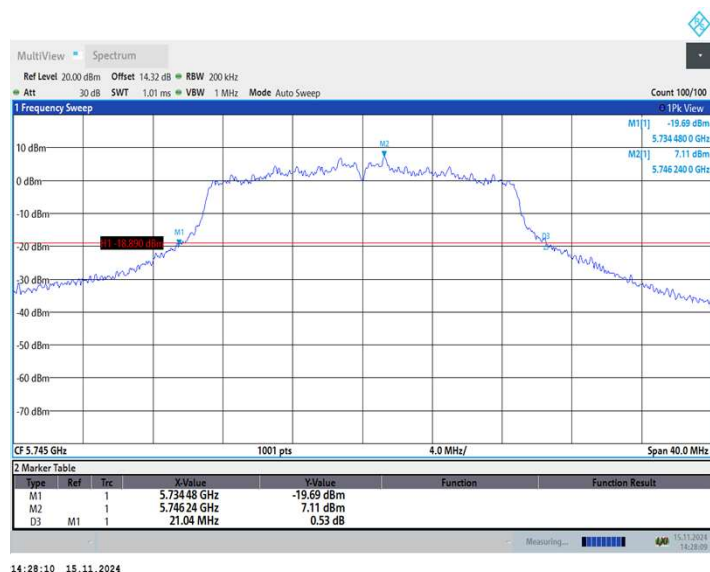
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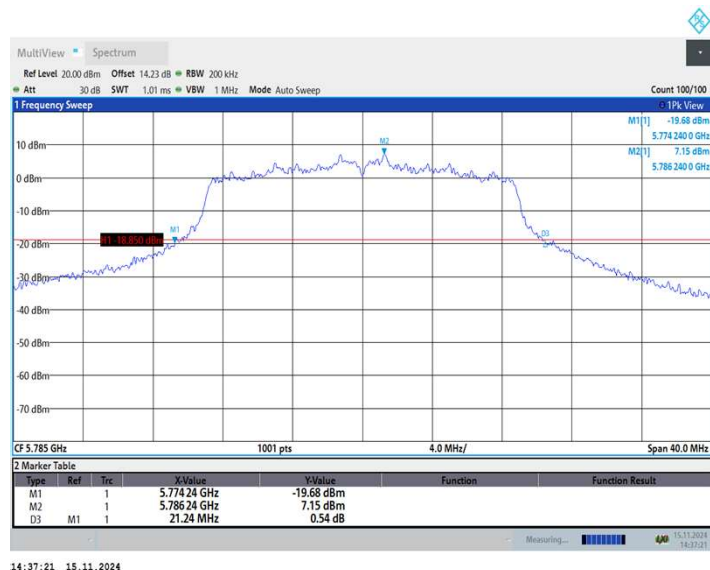
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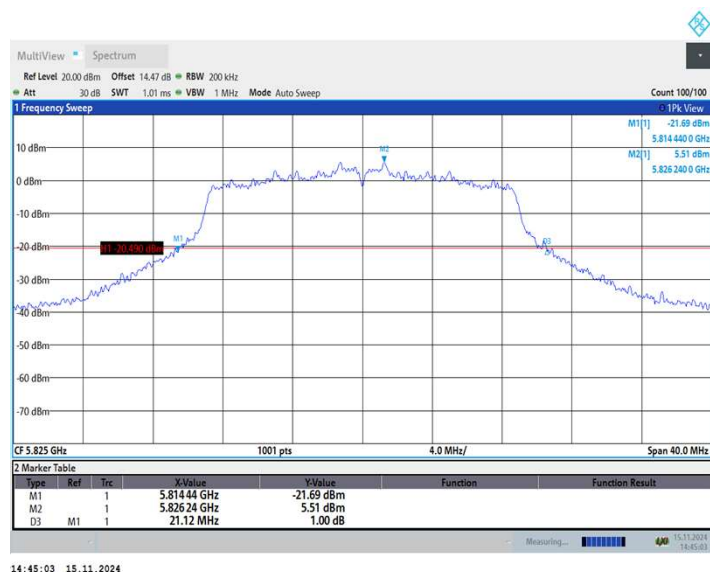
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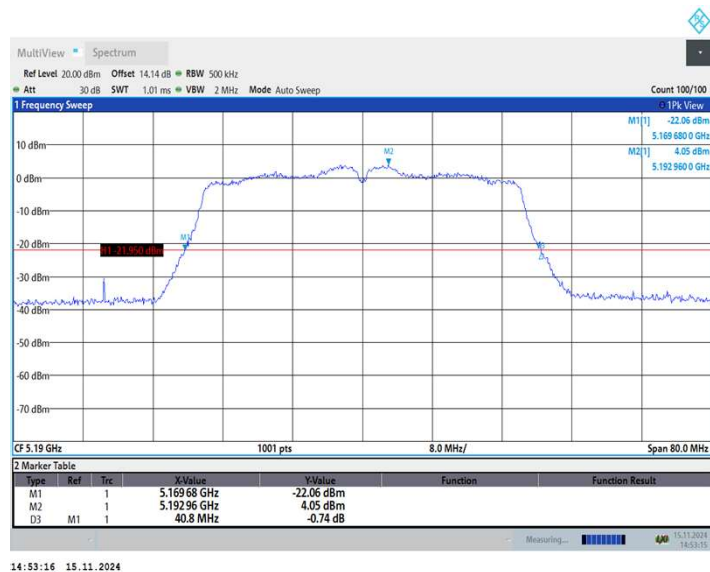
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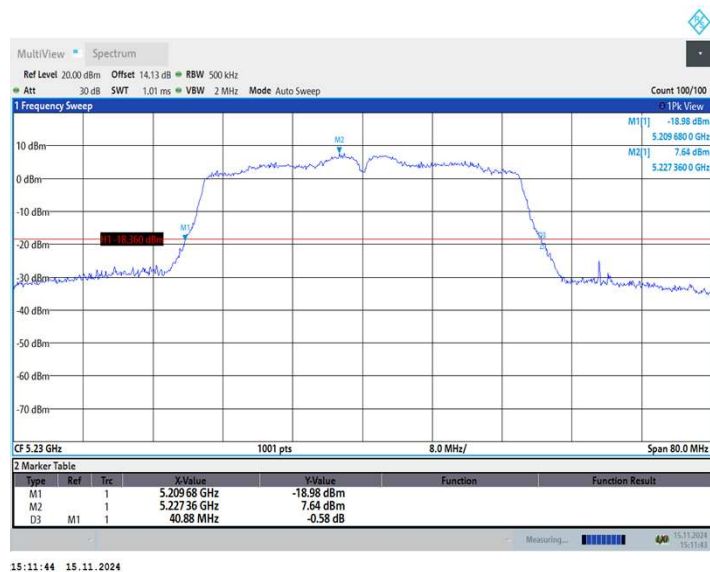
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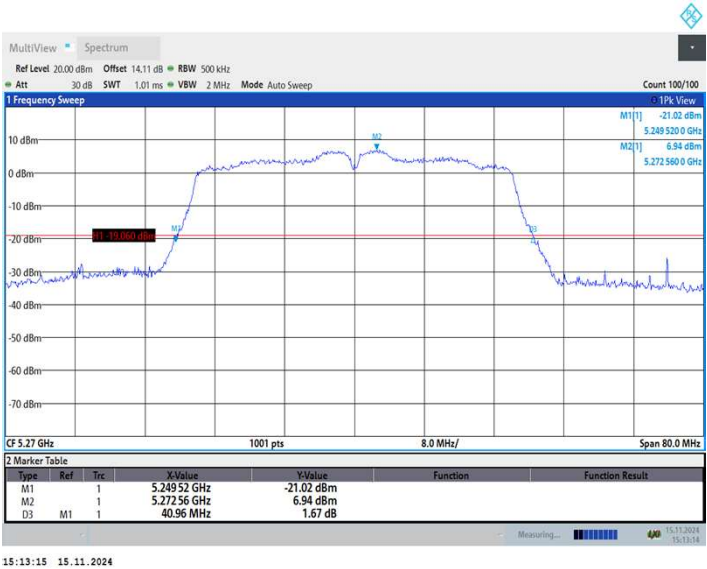
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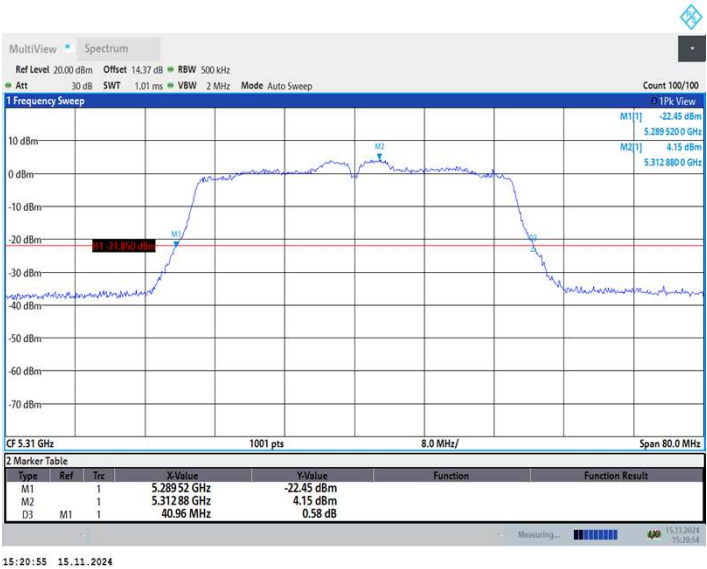
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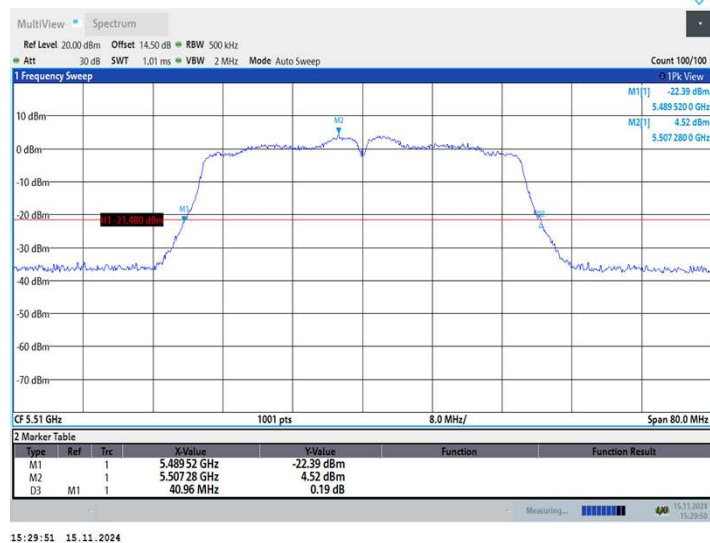
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310

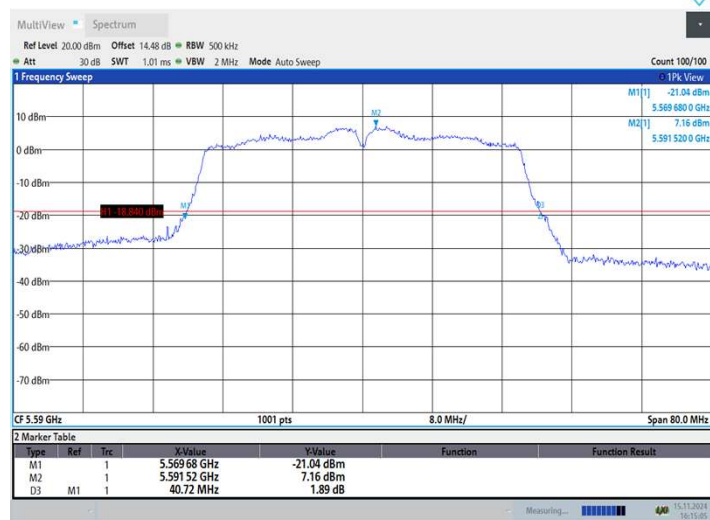


11N40SISO_Ant1_5510



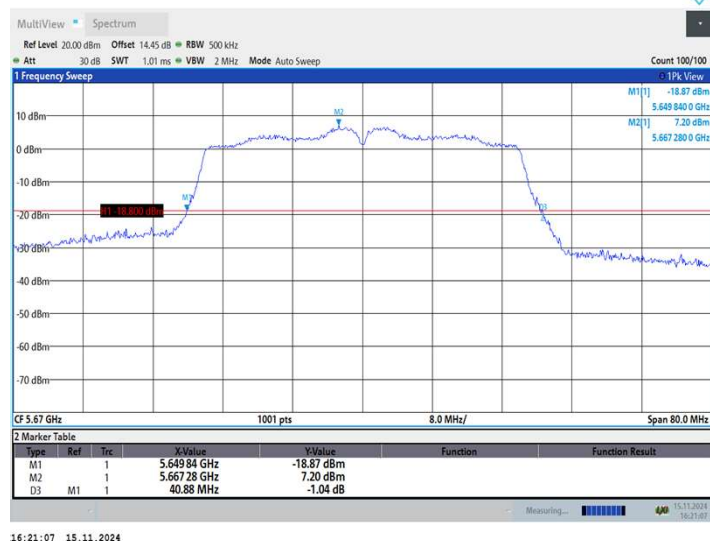
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11N40SISO_Ant1_5590

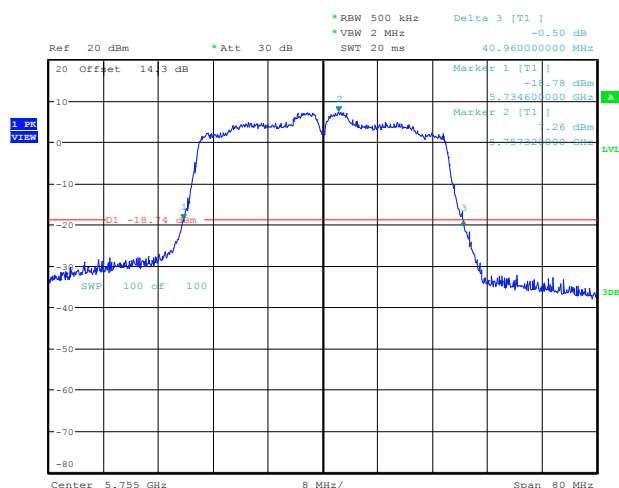


16:15:06 15.11.2024

11N40SISO_Ant1_5670

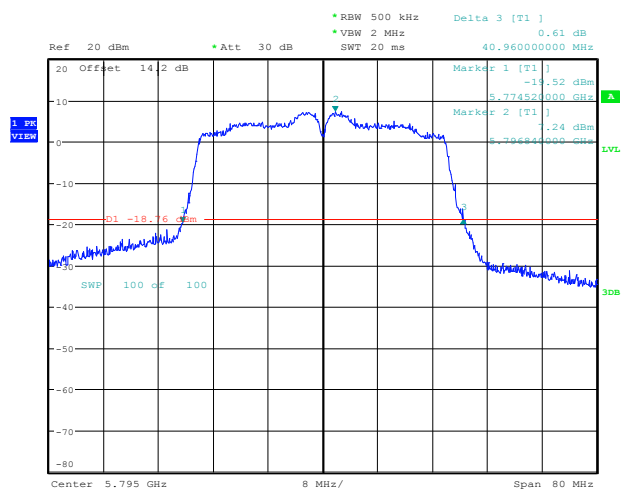


11N40SISO_Ant1_5755



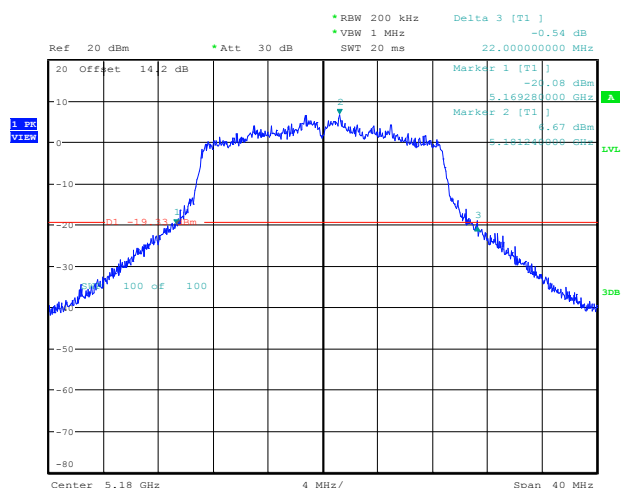
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11N40SISO_Ant1_5795



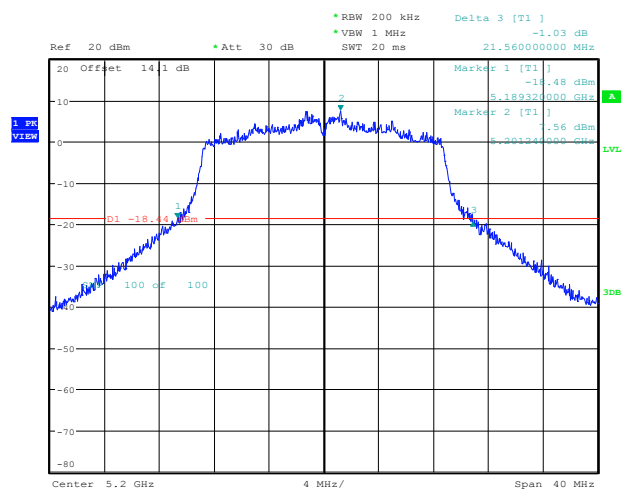
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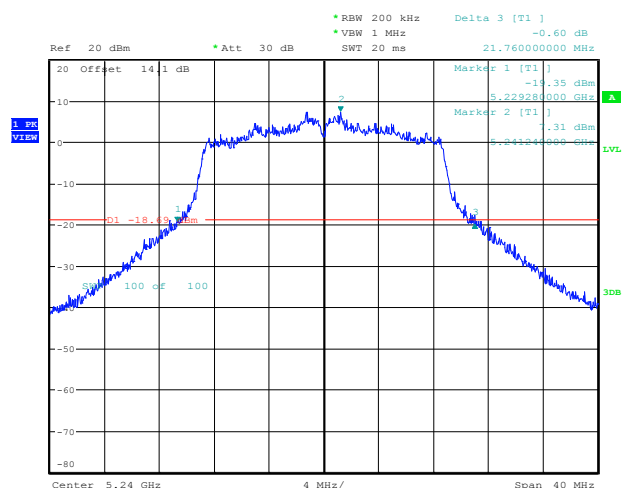
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11AC20SISO_Ant1_5200



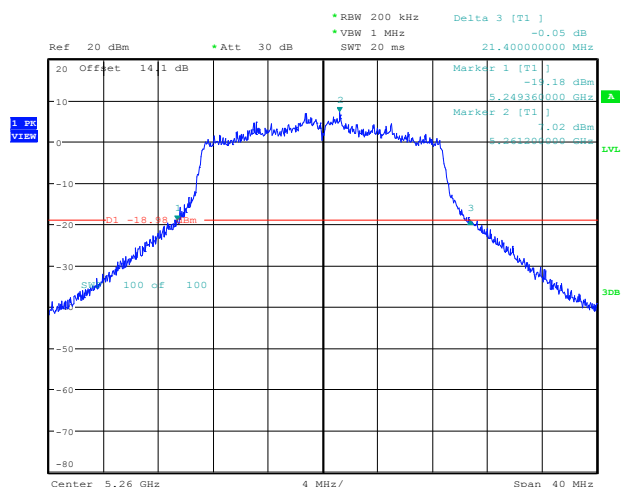
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11AC20SISO_Ant1_5240



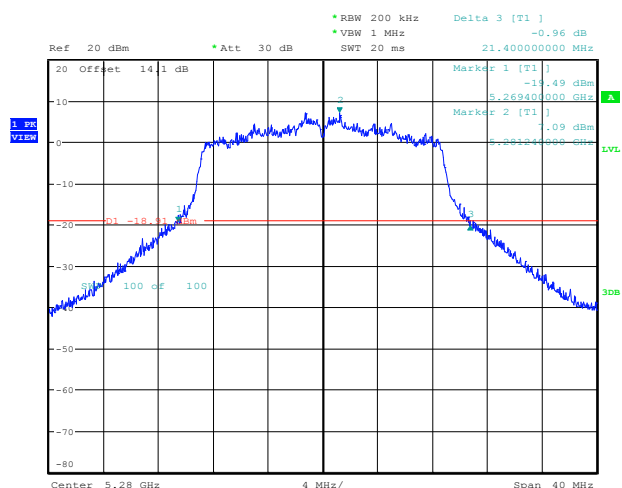
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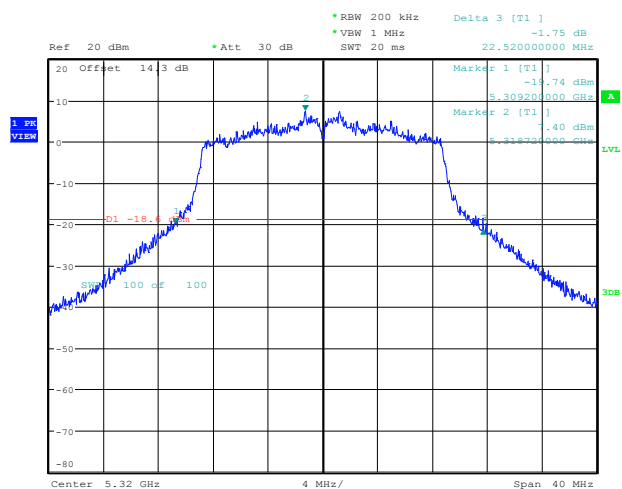
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11AC20SISO_Ant1_5280



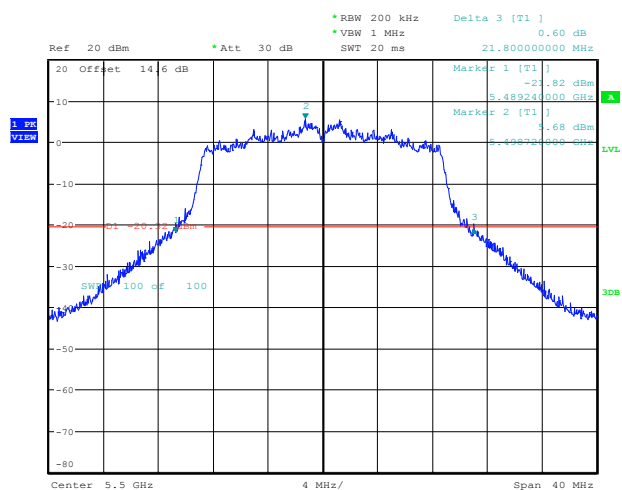
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11AC20SISO_Ant1_5320



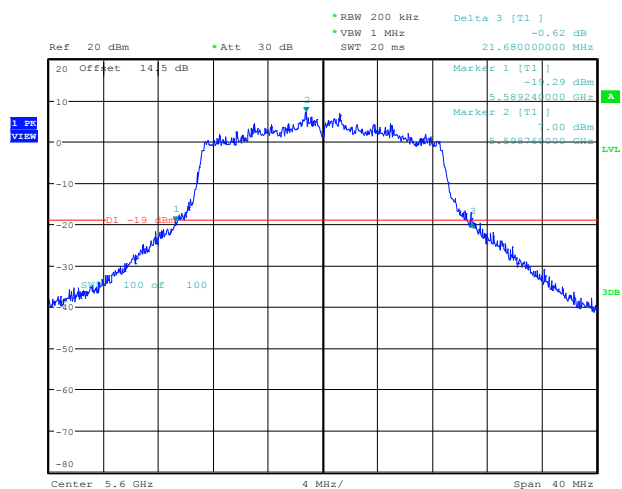
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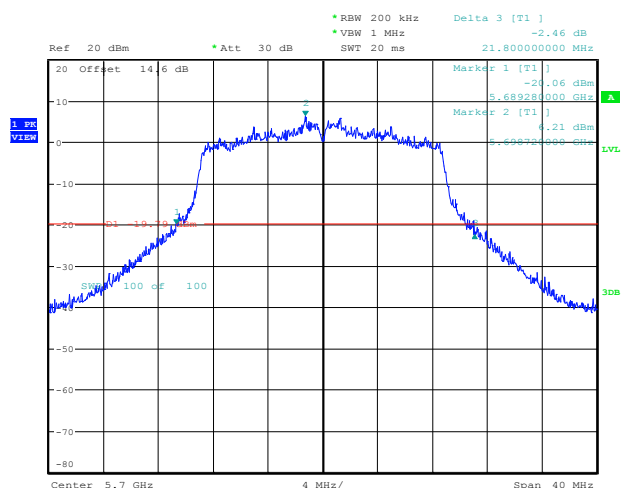
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11AC20SISO_Ant1_5600



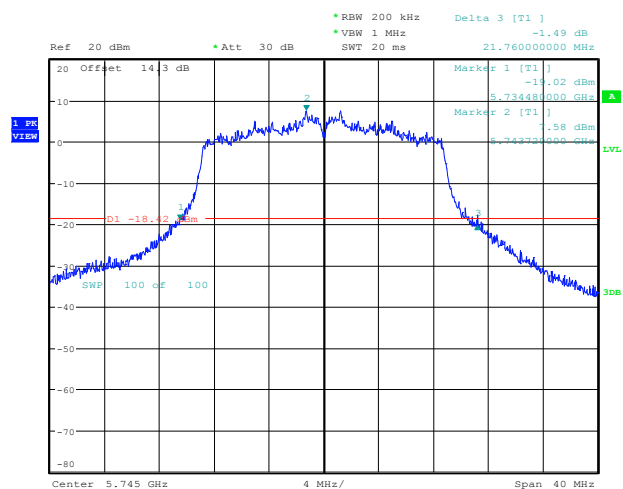
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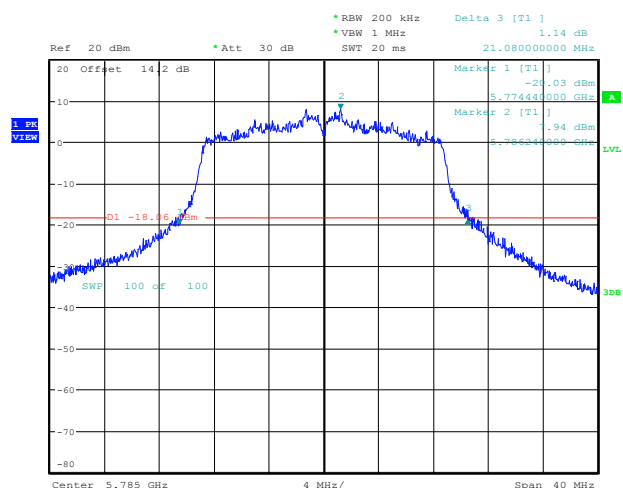
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11AC20SISO_Ant1_5745



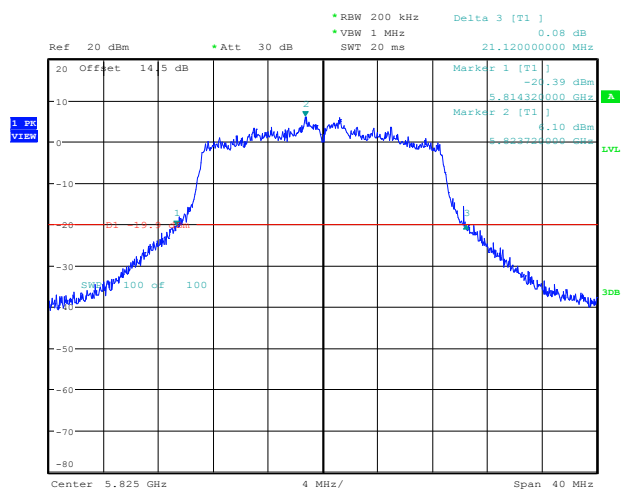
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11AC20SISO_Ant1_5785



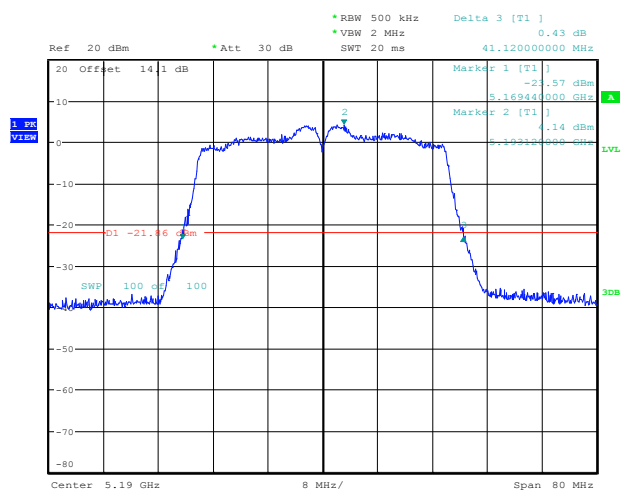
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11AC20SISO_Ant1_5825



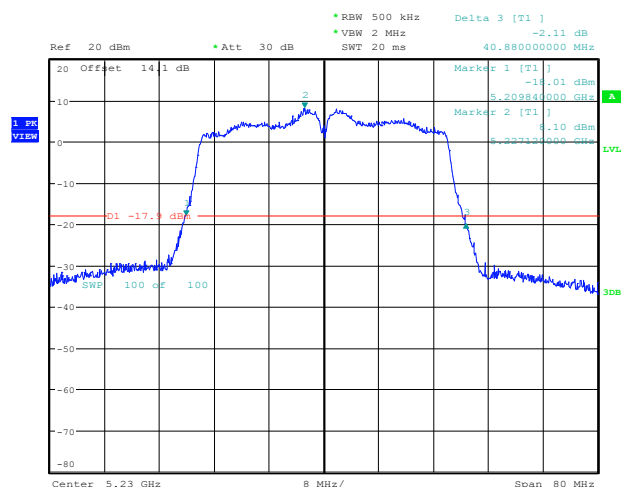
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11AC40SISO_Ant1_5190



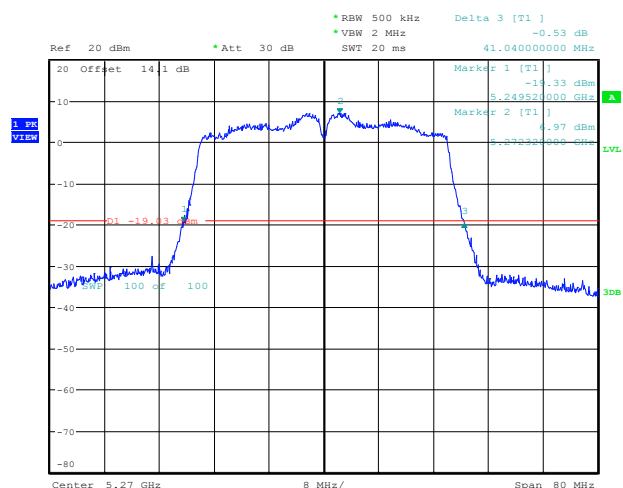
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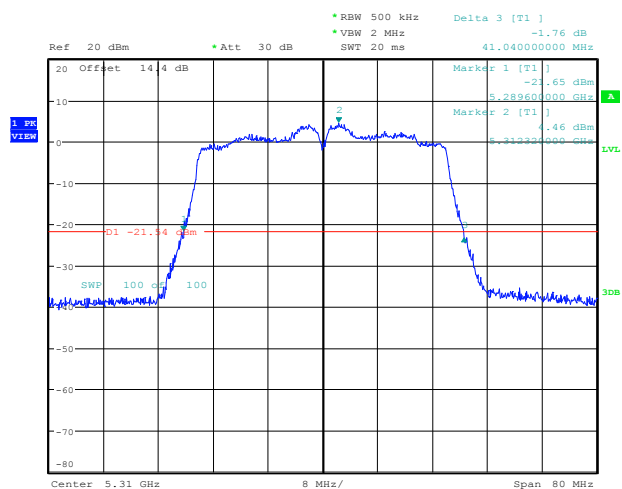
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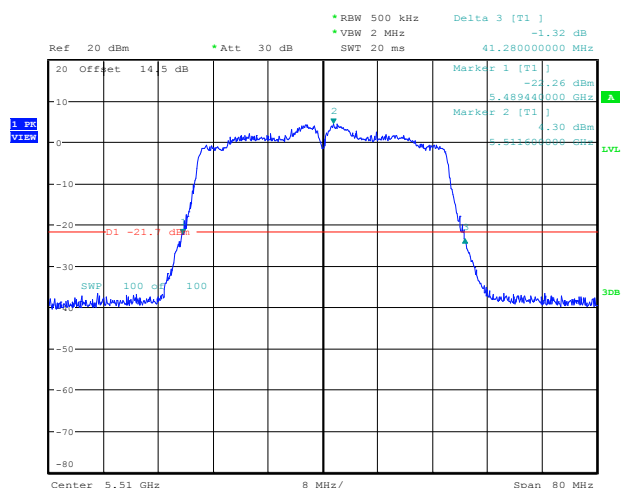
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11AC40SISO_Ant1_5310



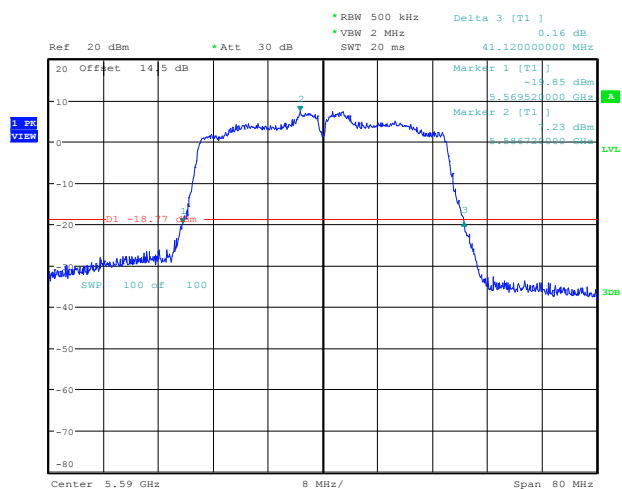
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11AC40SISO_Ant1_5510



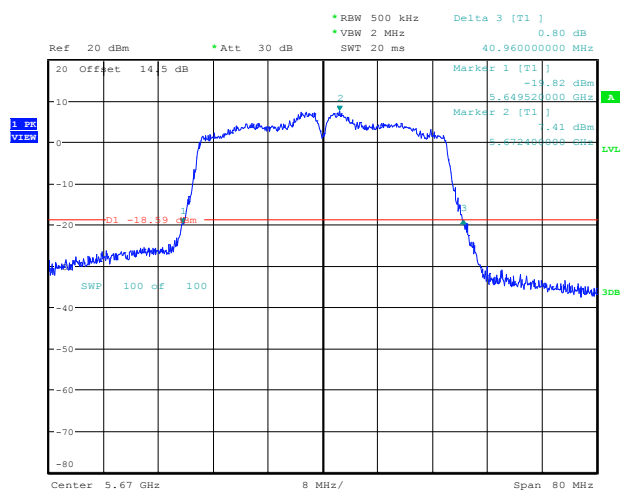
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11AC40SISO_Ant1_5590



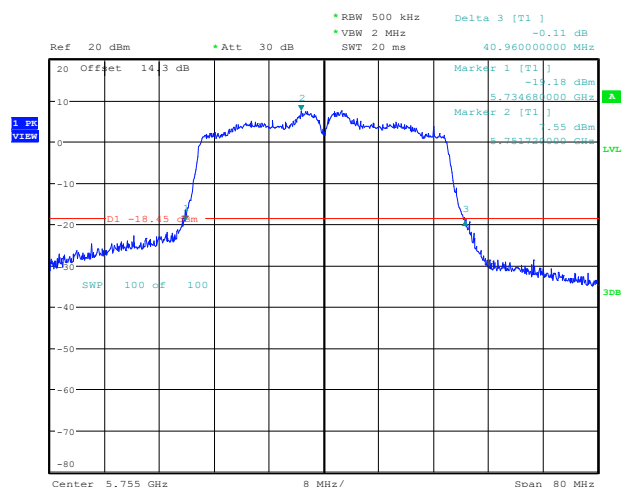
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11AC40SISO_Ant1_5670



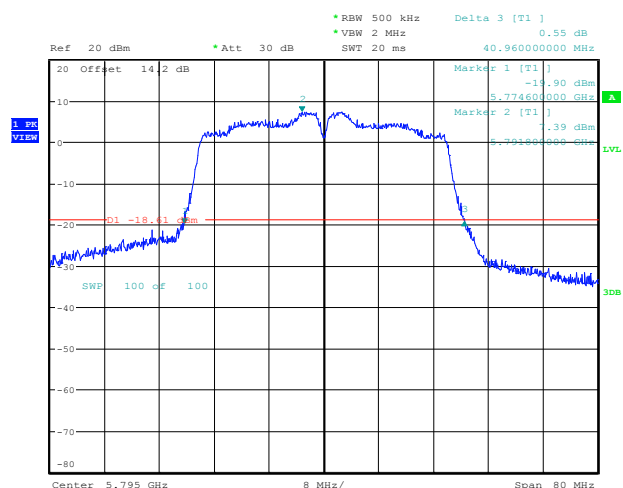
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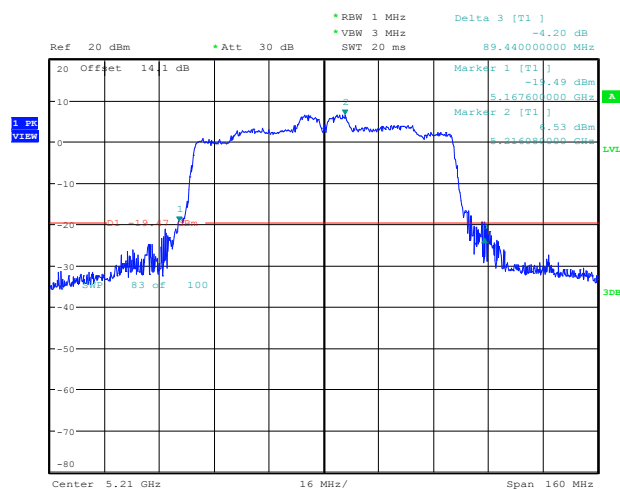
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11AC40SISO_Ant1_5795



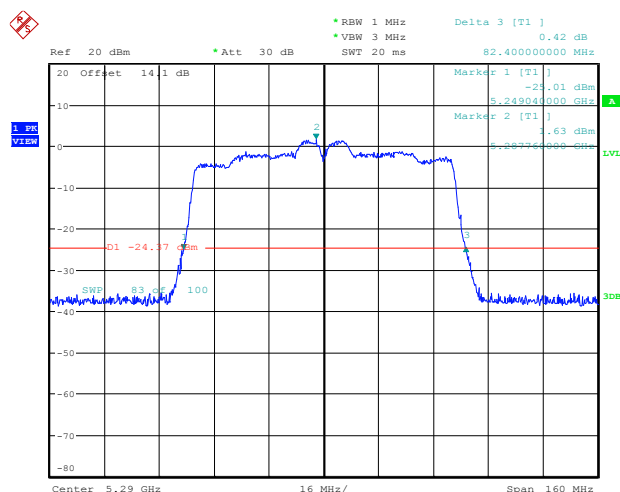
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11AC80SISO_Ant1_5210



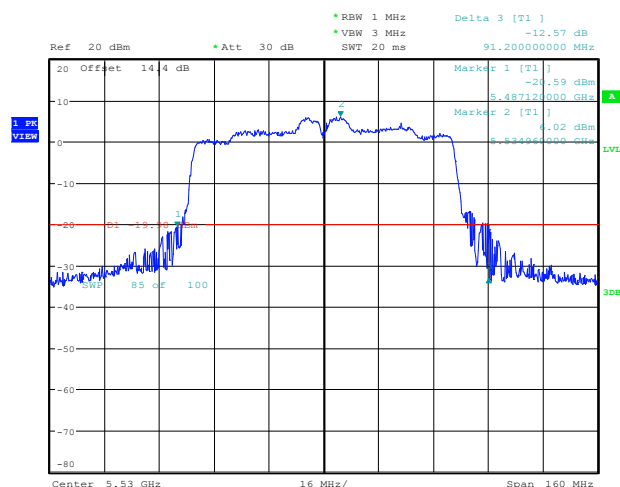
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11AC80SISO_Ant1_5290



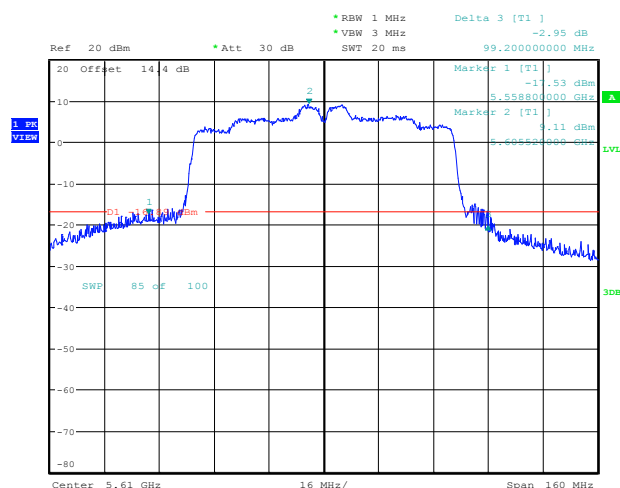
Date: 27.NOV.2024 09:46:29

11AC80SISO_Ant1_5530



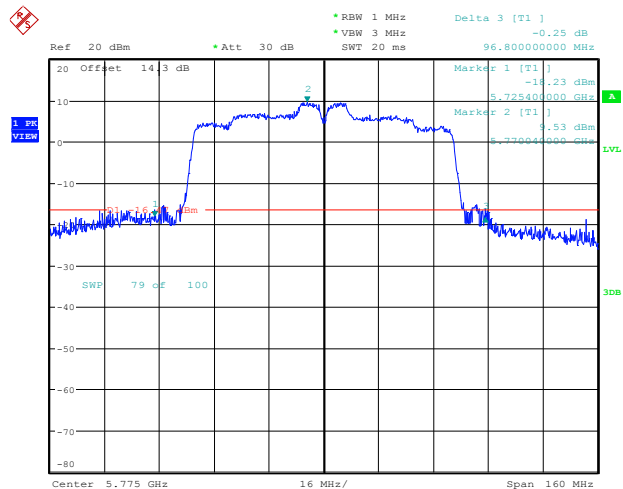
Date: 18.NOV.2024 16:34:07

11AC80SISO_Ant1_5610



Date: 18.NOV.2024 16:50:28

11AC80SISO_Ant1_5775



Date: 19.NOV.2024 09:49:11

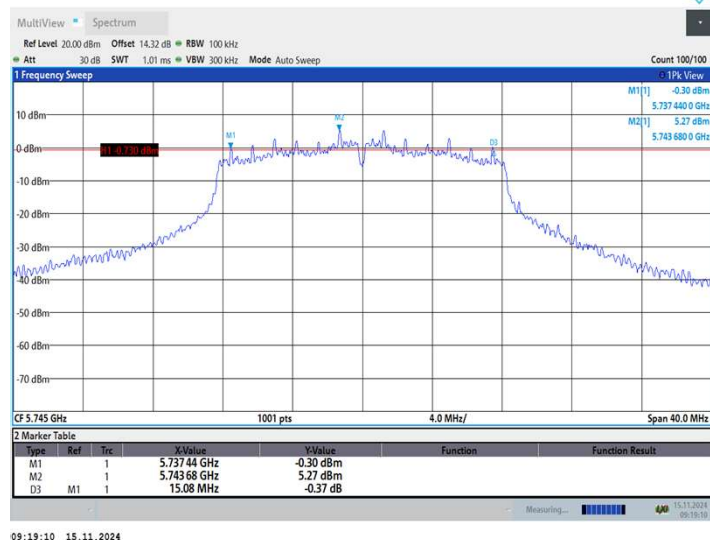
Appendix A2: Min emission bandwidth

Test Result

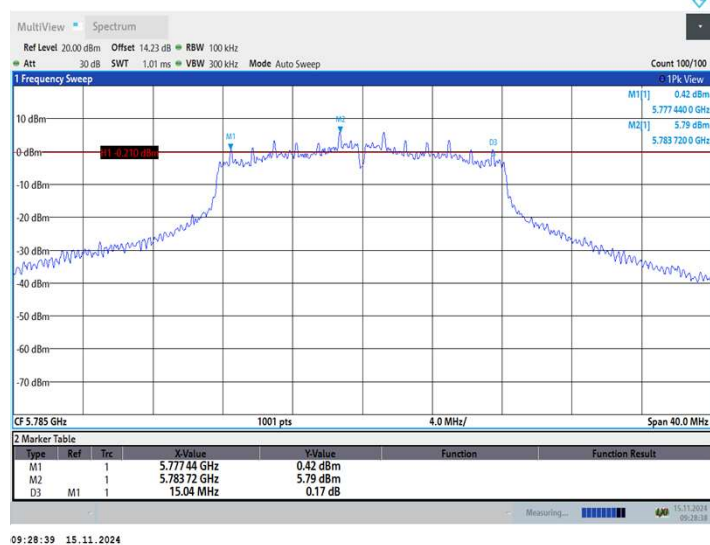
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.08	5737.44	5752.52	0.5	PASS
		5785	15.04	5777.44	5792.48	0.5	PASS
		5825	15.08	5817.44	5832.52	0.5	PASS
11N20SISO	Ant1	5745	15.04	5737.44	5752.48	0.5	PASS
		5785	13.84	5778.64	5792.48	0.5	PASS
		5825	13.80	5818.64	5832.44	0.5	PASS
11N40SISO	Ant1	5755	33.84	5738.68	5772.52	0.5	PASS
		5795	32.48	5777.48	5809.96	0.5	PASS
11AC20SISO	Ant1	5745	15.00	5737.52	5752.52	0.5	PASS
		5785	15.04	5777.48	5792.52	0.5	PASS
		5825	14.96	5817.48	5832.44	0.5	PASS
11AC40SISO	Ant1	5755	35.04	5737.48	5772.52	0.5	PASS
		5795	35.04	5777.48	5812.52	0.5	PASS
11AC80SISO	Ant1	5610	61.28	5583.76	5645.04	0.5	PASS
		5775	64.00	5737.40	5801.40	0.5	PASS

Test Graphs

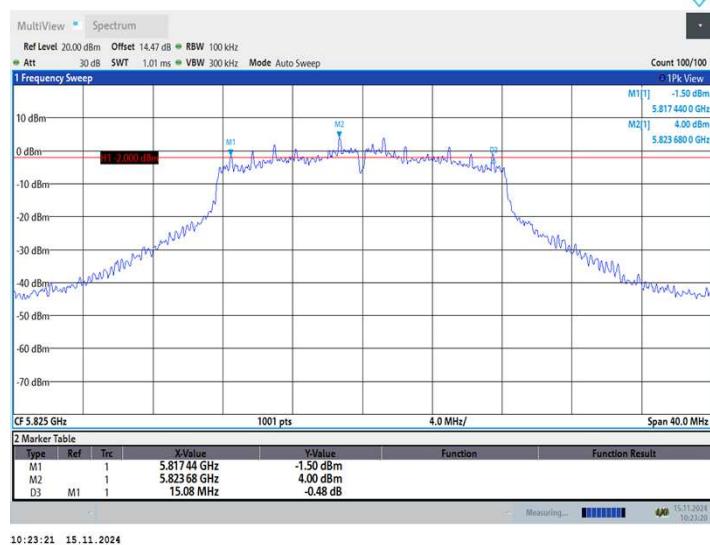
11A_Ant1_5745



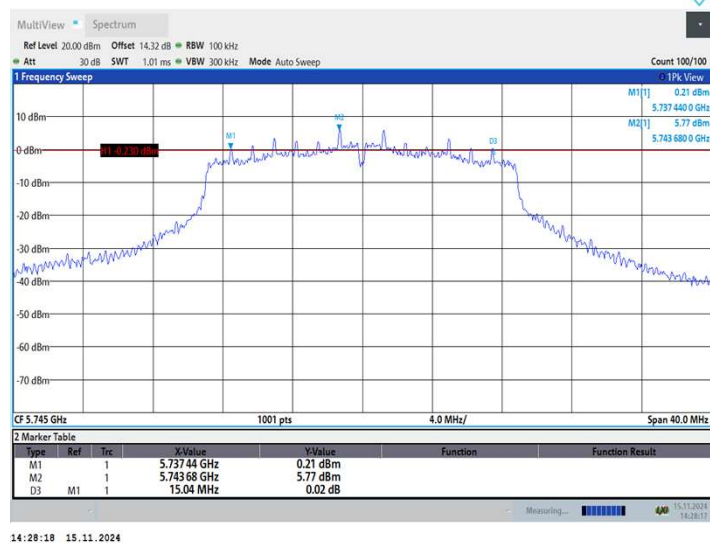
11A_Ant1_5785



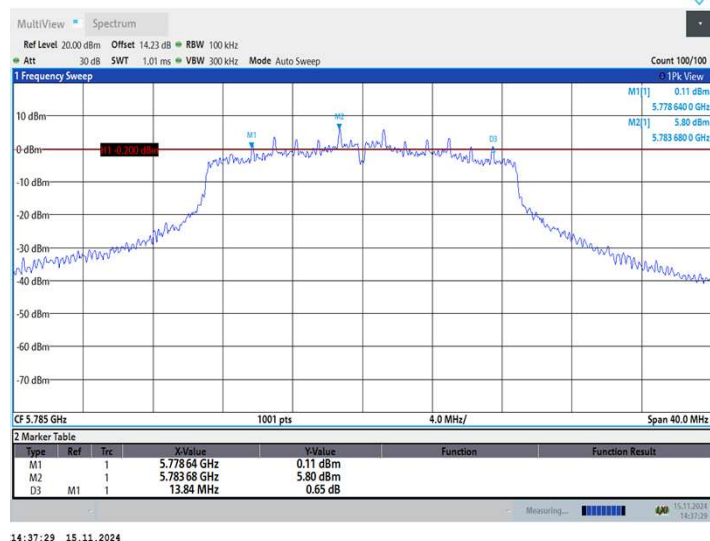
11A_Ant1_5825



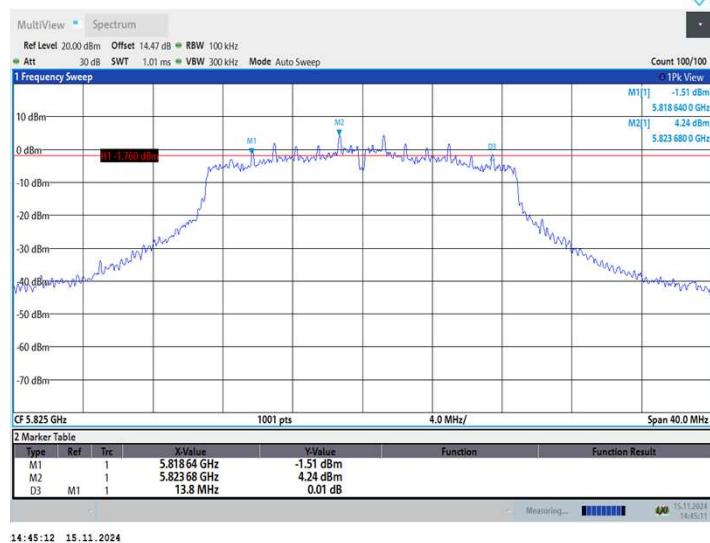
11N20SISO_Ant1_5745



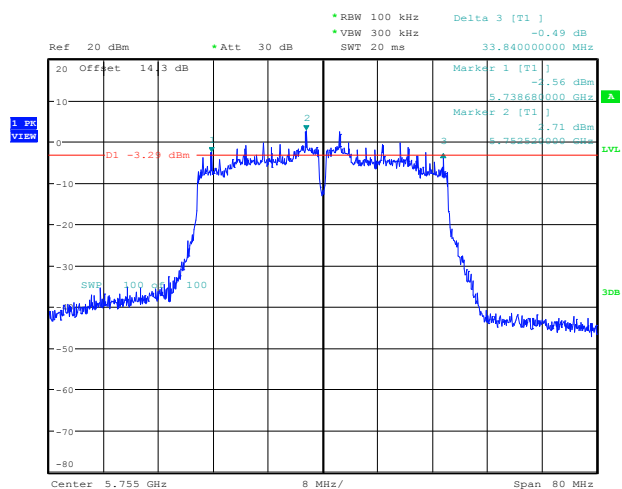
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825

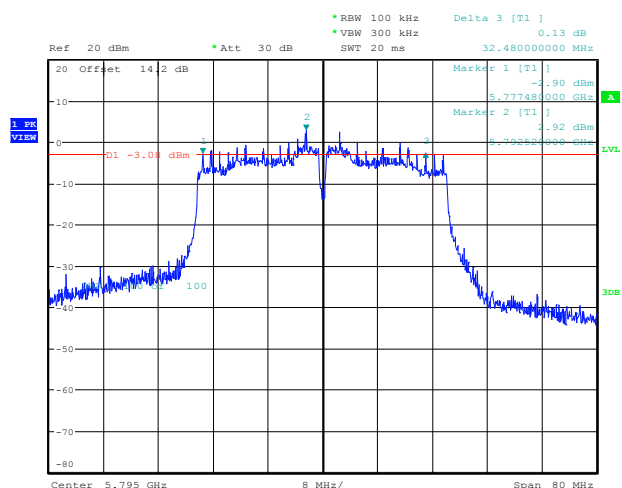


11N40SISO_Ant1_5755



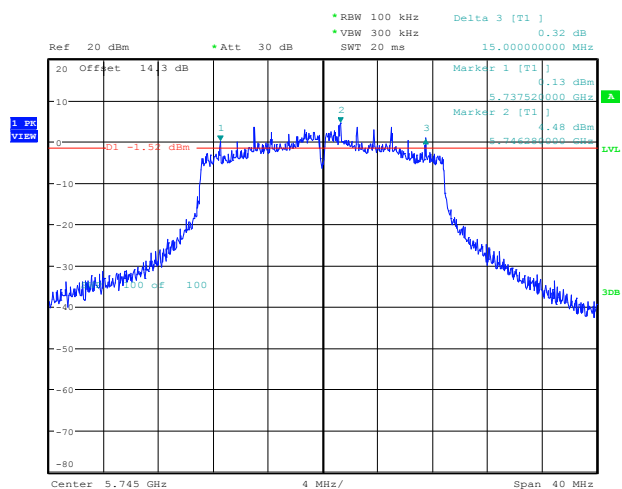
Date: 18.NOV.2024 09:20:19

11N40SISO_Ant1_5795



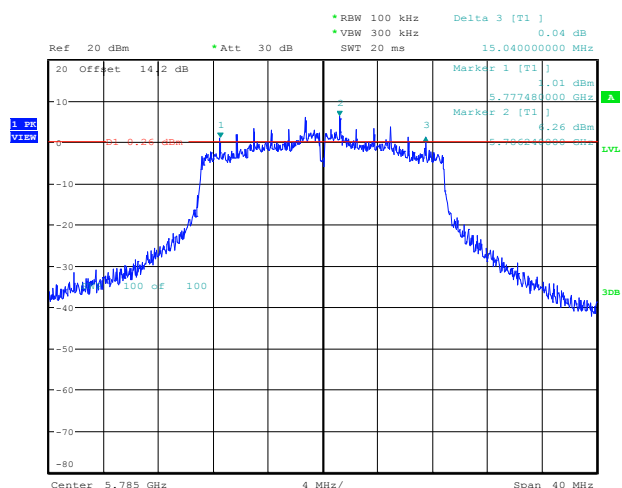
Date: 18.NOV.2024 09:34:49

11AC20SISO_Ant1_5745



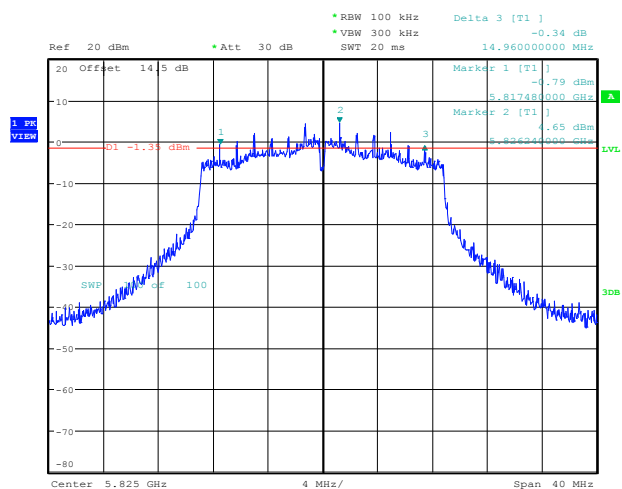
Date: 18.NOV.2024 11:13:17

11AC20SISO_Ant1_5785



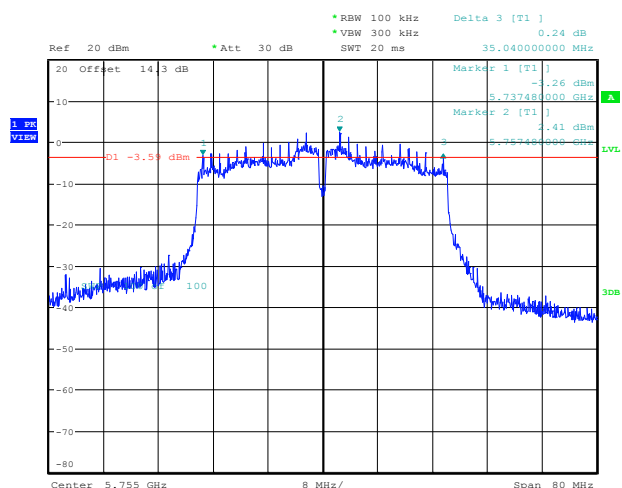
Date: 18.NOV.2024 11:24:20

11AC20SISO_Ant1_5825



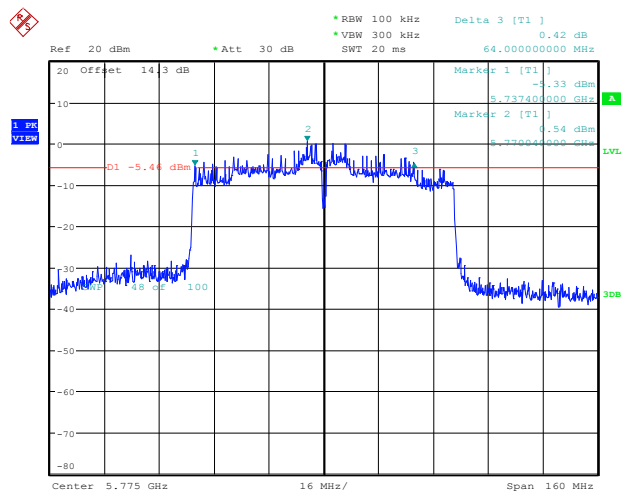
Date: 18.NOV.2024 11:31:49

11AC40SISO_Ant1_5755



Date: 18.NOV.2024 14:52:12

11AC40SISO_Ant1_5795



Date: 19.NOV.2024 09:49:22

Appendix B: Maximum conducted output power Test Result

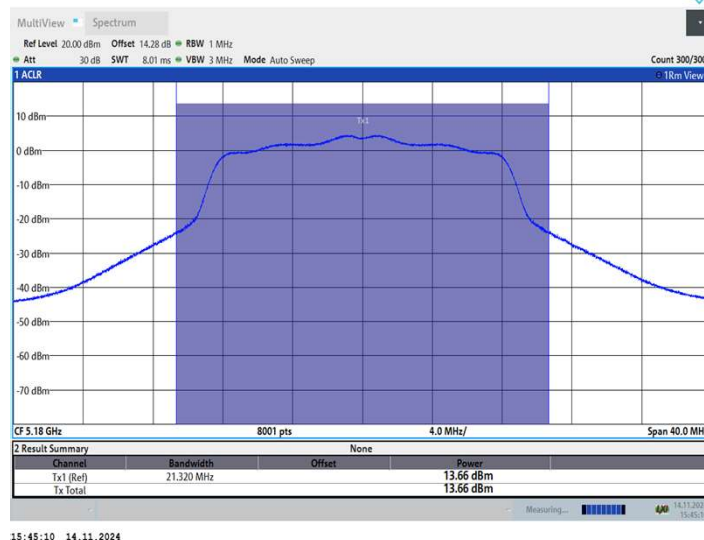
TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5180	13.66	≤23.98	PASS
		5200	14.98	≤23.98	PASS
		5240	14.78	≤23.98	PASS
		5260	14.77	≤23.98	PASS
		5280	14.80	≤23.98	PASS
		5320	13.64	≤23.98	PASS
		5500	13.43	≤23.98	PASS
		5600	14.39	≤23.98	PASS
		5700	12.22	≤23.98	PASS
		5745	13.81	≤30.00	PASS
		5785	14.33	≤30.00	PASS
		5825	12.61	≤30.00	PASS
11N20SISO	Ant1	5180	13.65	≤23.98	PASS
		5200	14.13	≤23.98	PASS
		5240	13.91	≤23.98	PASS
		5260	14.87	≤23.98	PASS
		5280	14.92	≤23.98	PASS
		5320	13.78	≤23.98	PASS
		5500	12.66	≤23.98	PASS
		5600	13.92	≤23.98	PASS
		5700	13.16	≤23.98	PASS
		5745	14.06	≤30.00	PASS
		5785	14.18	≤30.00	PASS
		5825	12.63	≤30.00	PASS
11N40SISO	Ant1	5190	11.29	≤23.98	PASS
		5230	14.68	≤23.98	PASS
		5270	14.31	≤23.98	PASS
		5310	11.53	≤23.98	PASS
		5510	11.30	≤23.98	PASS
		5590	14.17	≤23.98	PASS
		5670	14.06	≤23.98	PASS

		5755	14.27	≤30.00	PASS
		5795	14.42	≤30.00	PASS
11AC20SISO	Ant1	5180	13.65	≤23.98	PASS
		5200	14.32	≤23.98	PASS
		5240	14.09	≤23.98	PASS
		5260	13.92	≤23.98	PASS
		5280	14.02	≤23.98	PASS
		5320	14.33	≤23.98	PASS
		5500	12.58	≤23.98	PASS
		5600	13.92	≤23.98	PASS
		5700	13.00	≤23.98	PASS
		5745	14.42	≤30.00	PASS
		5785	14.75	≤30.00	PASS
		5825	12.99	≤30.00	PASS
11AC40SISO	Ant1	5190	11.34	≤23.98	PASS
		5230	14.76	≤23.98	PASS
		5270	14.14	≤23.98	PASS
		5310	11.34	≤23.98	PASS
		5510	11.30	≤23.98	PASS
		5590	14.18	≤23.98	PASS
		5670	14.10	≤23.98	PASS
		5755	14.23	≤30.00	PASS
		5795	14.52	≤30.00	PASS
11AC80SISO	Ant1	5210	12.86	≤23.98	PASS
		5290	7.66	≤23.98	PASS
		5530	12.43	≤23.98	PASS
		5610	15.23	≤23.98	PASS
		5775	15.72	≤30.00	PASS

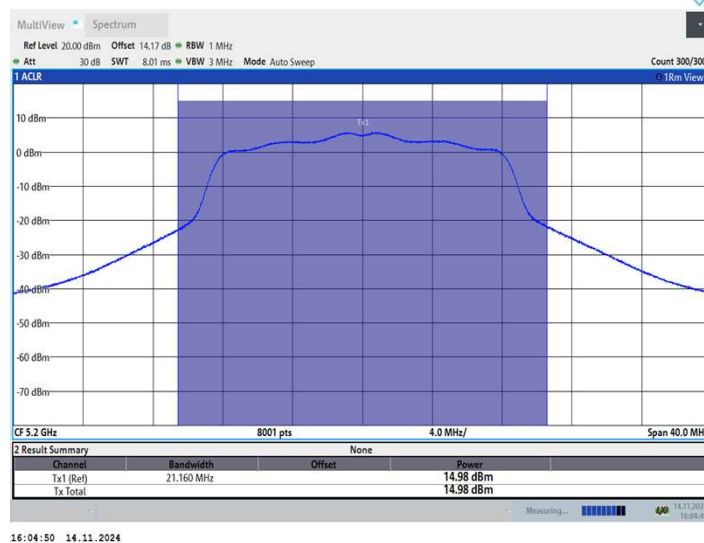
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

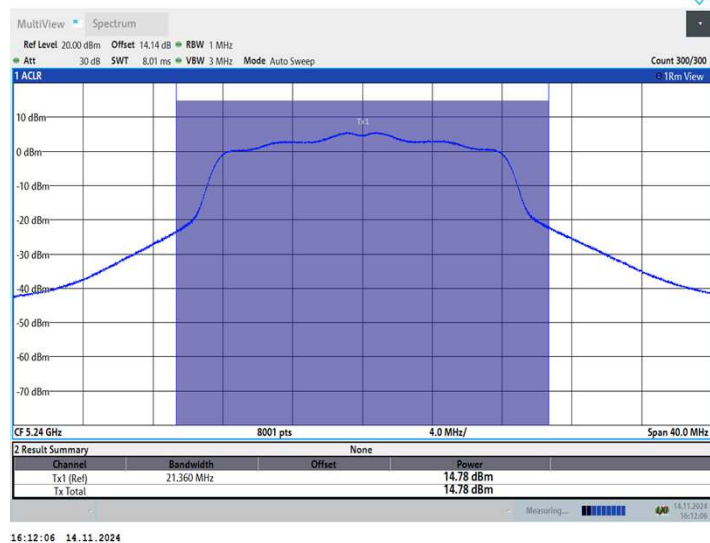
11A_Ant1_5180



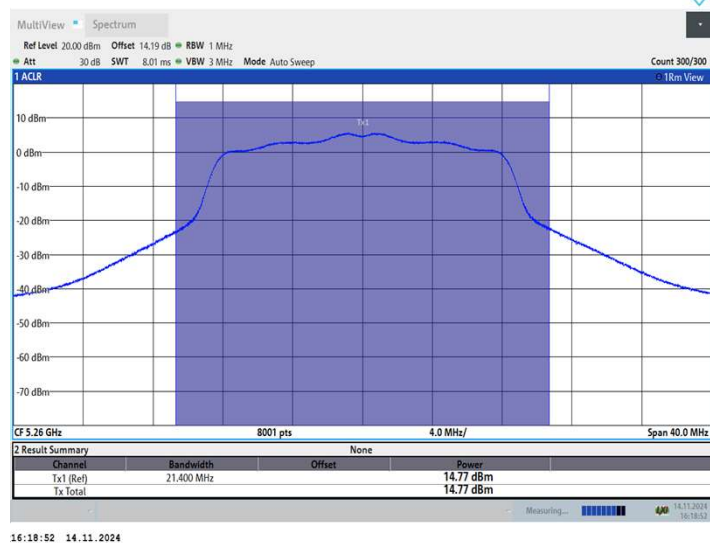
11A_Ant1_5200



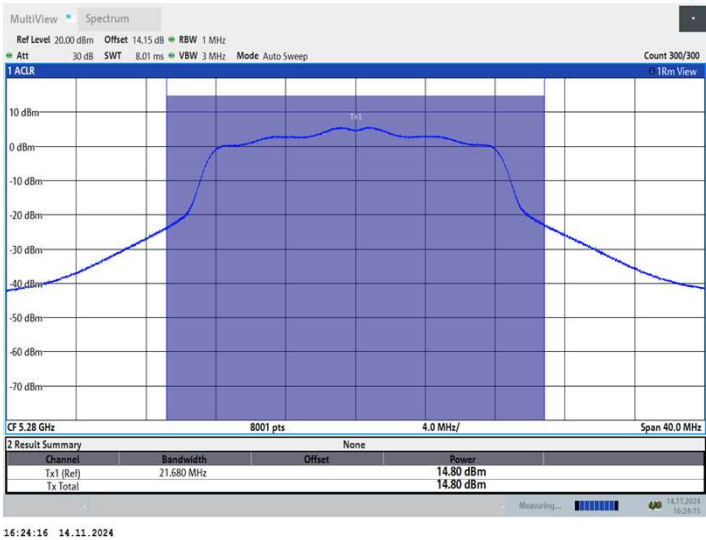
11A_Ant1_5240



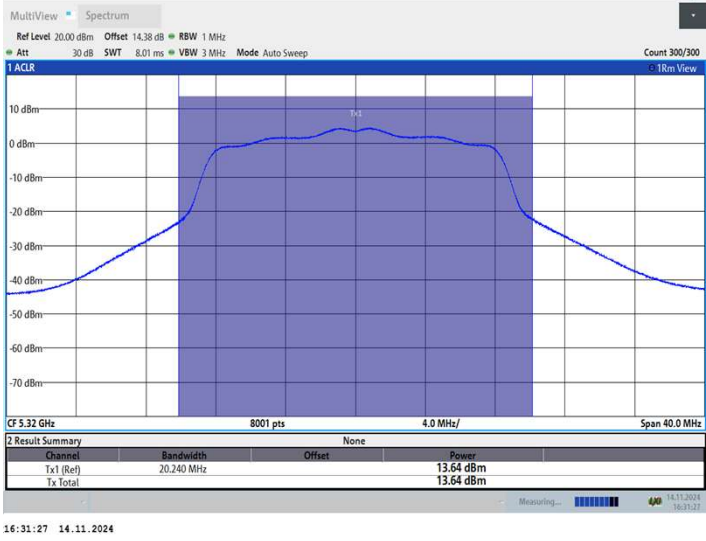
11A_Ant1_5260



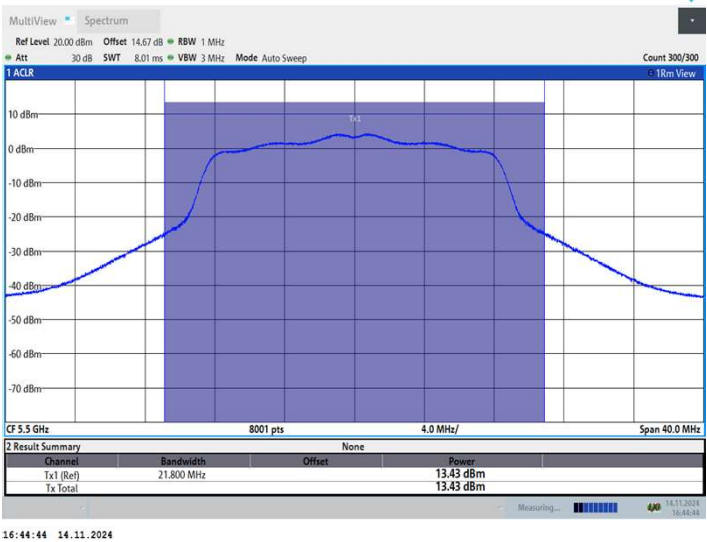
11A_Ant1_5280



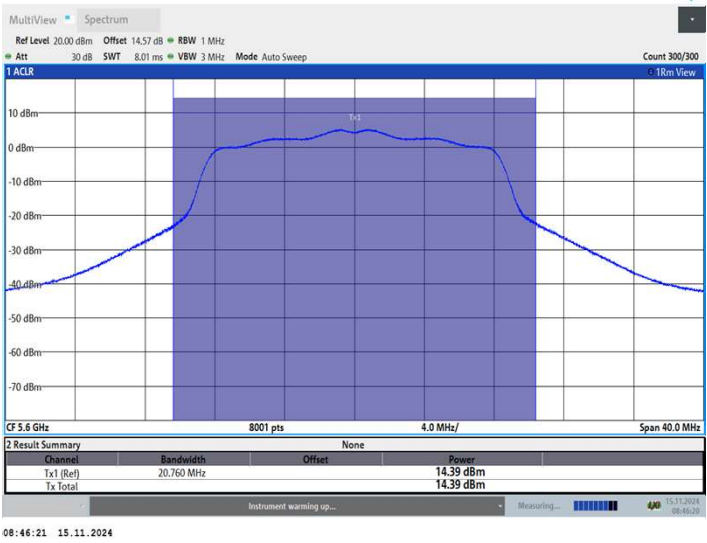
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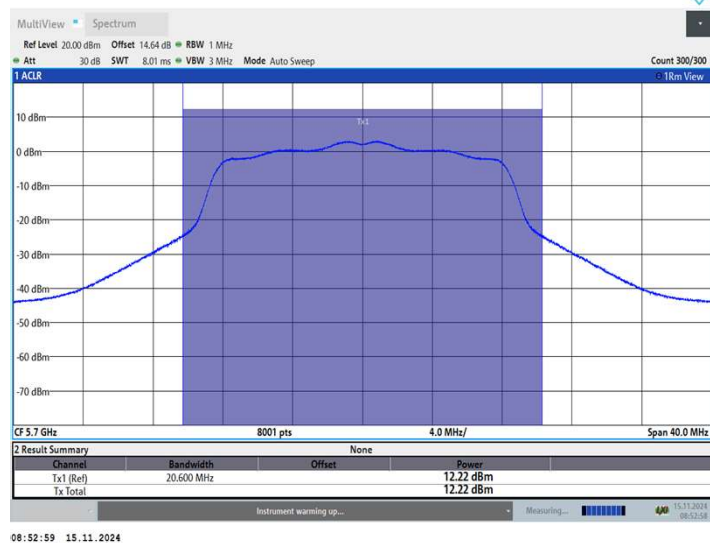
11A_Ant1_5500



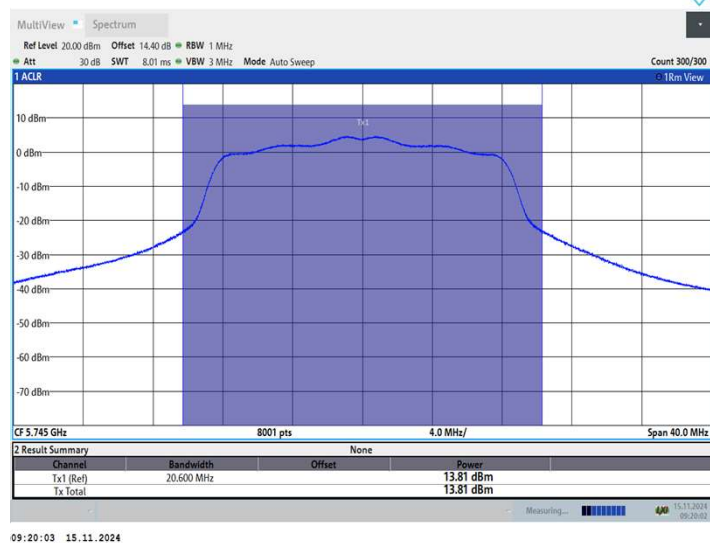
11A_Ant1_5600



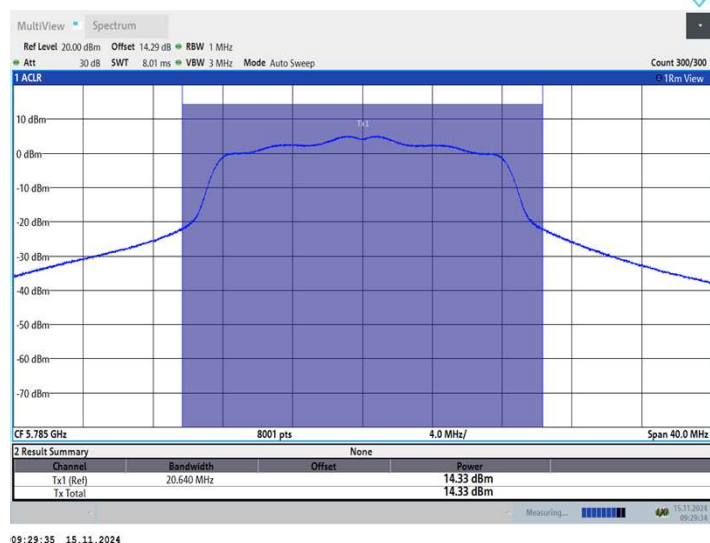
11A_Ant1_5700



11A_Ant1_5745

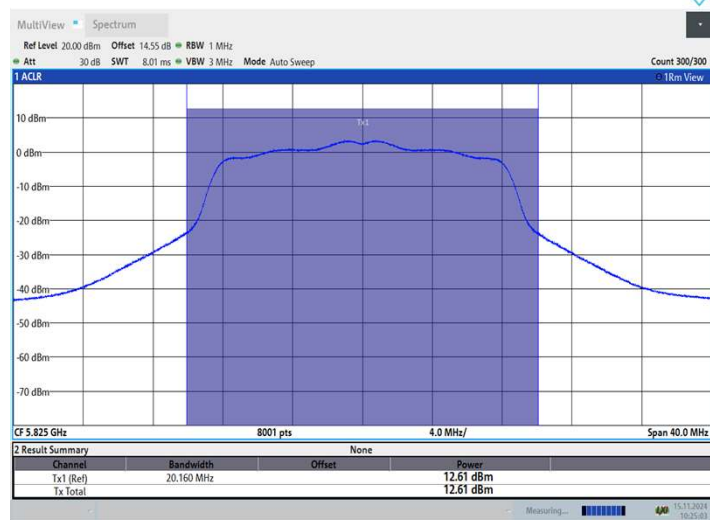


11A_Ant1_5785



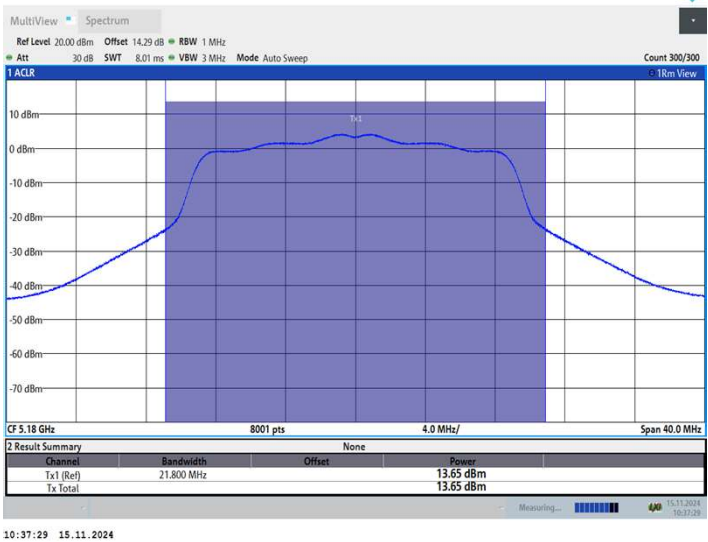
09:29:35 15.11.2024

11A_Ant1_5825

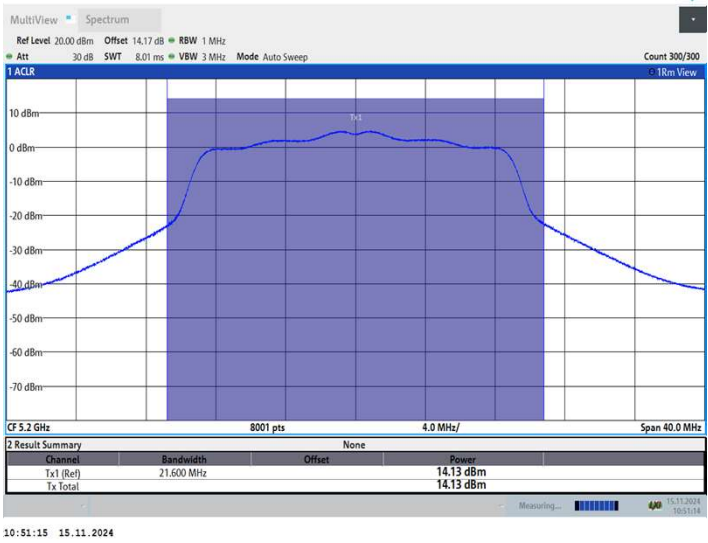


10:25:03 15.11.2024

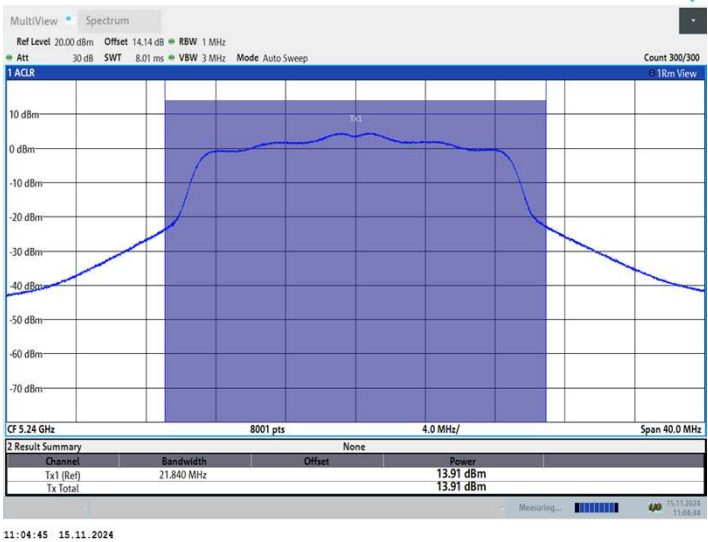
11N20SISO_Ant1_5180



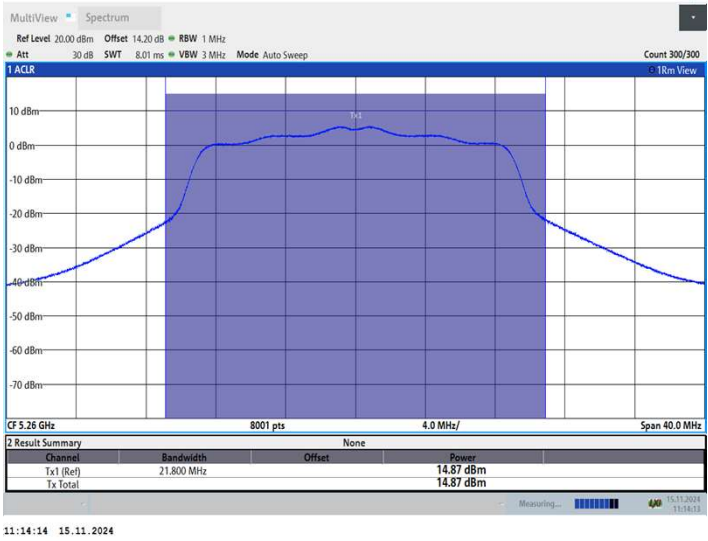
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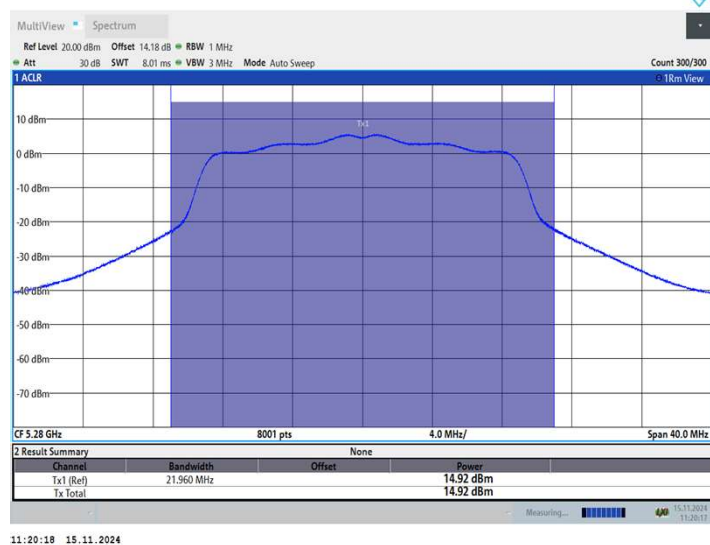
11N20SISO_Ant1_5240



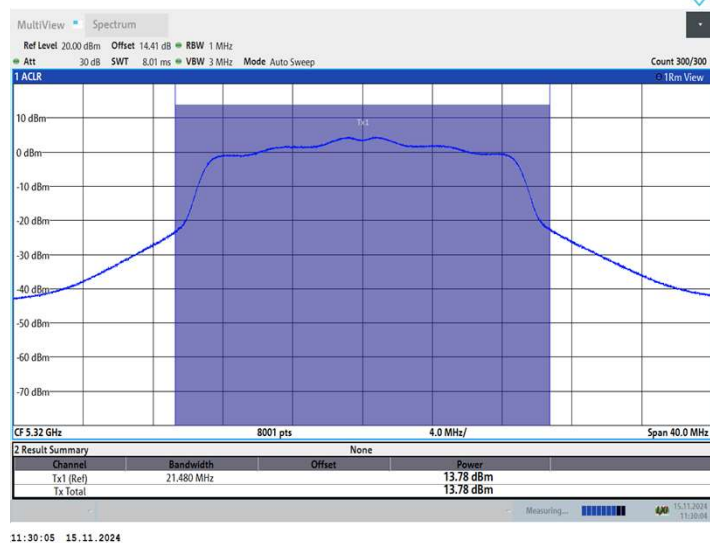
11N20SISO_Ant1_5260



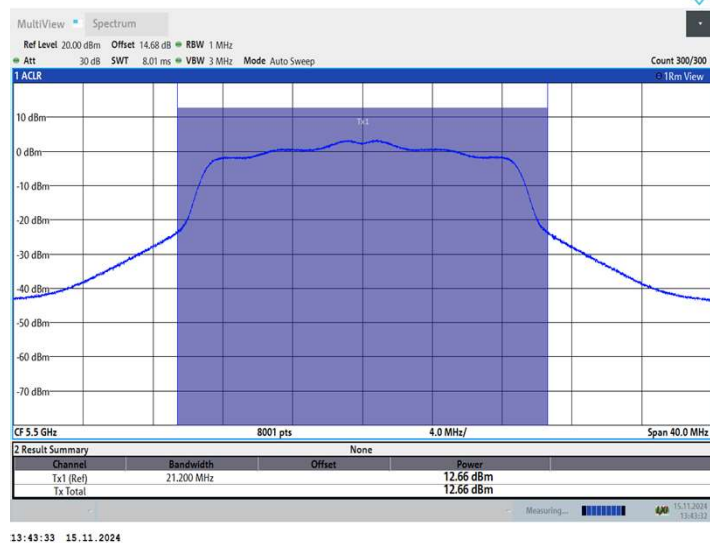
11N20SISO_Ant1_5280



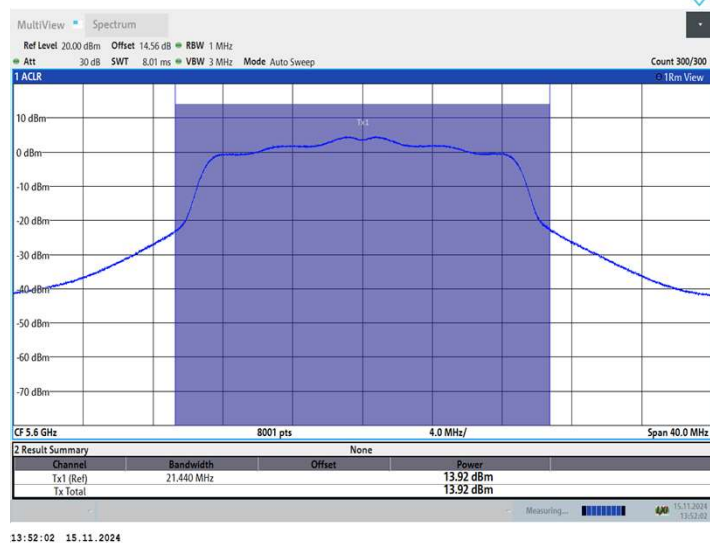
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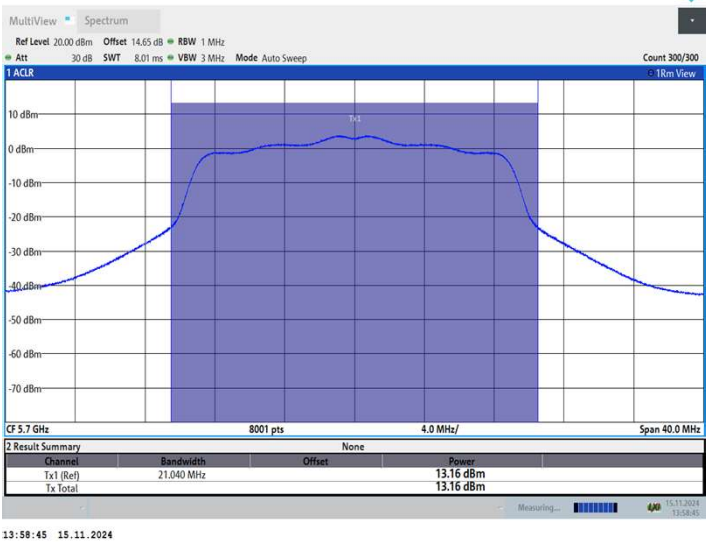
11N20SISO_Ant1_5500



11N20SISO_Ant1_5600

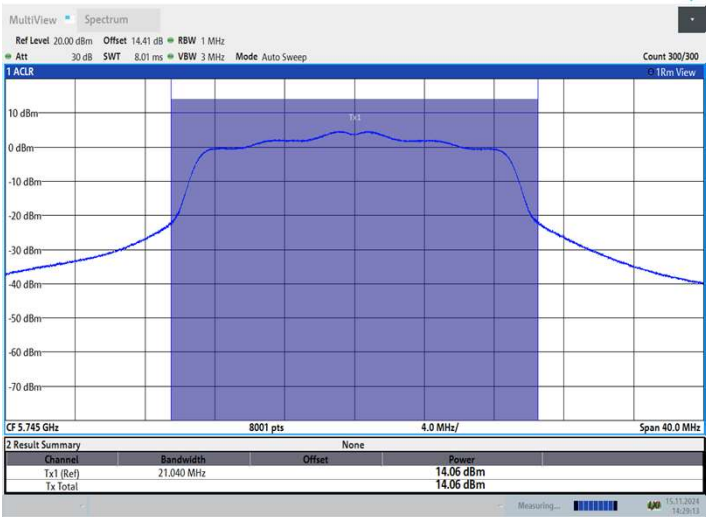


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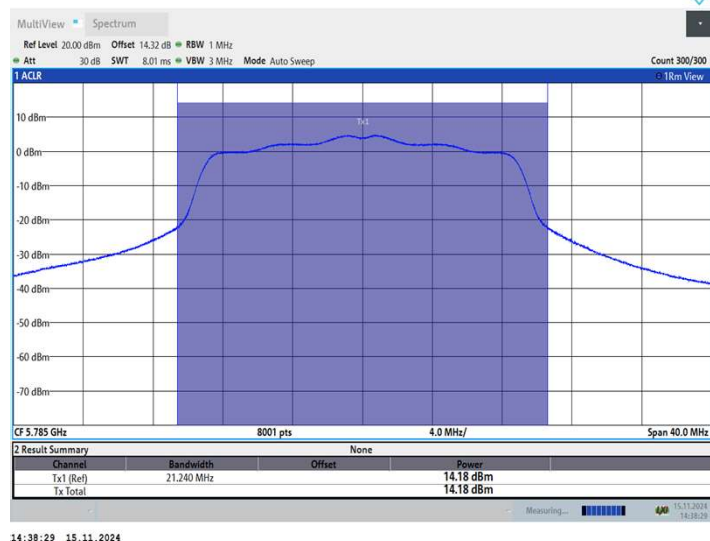
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11N20SISO_Ant1_5745

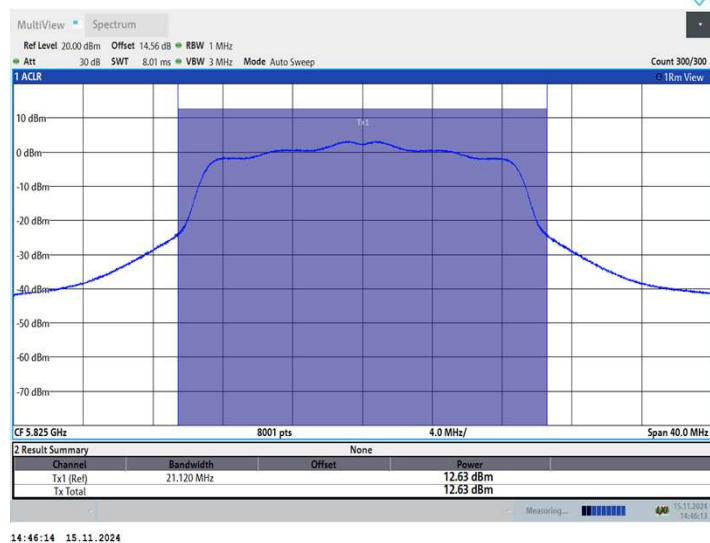


14:29:18 15.11.2024

11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190