



Appendix A1: Emission Bandwidth

Test Result

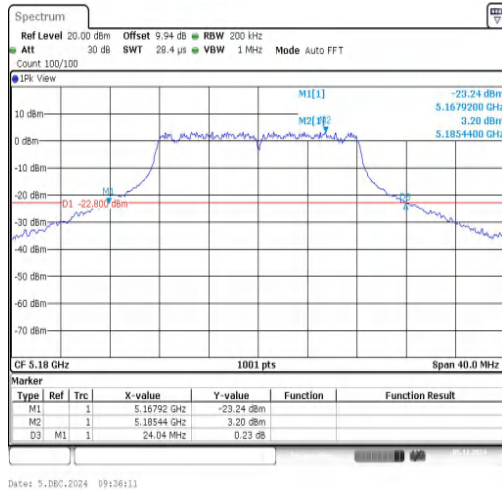
Test Mode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.04	5167.92	5191.96	---	---
11A	Ant1	5200	25.68	5187.36	5213.04	---	---
11A	Ant1	5240	24.12	5228.04	5252.16	---	---
11A	Ant1	5260	25.60	5247.52	5273.12	---	---
11A	Ant1	5280	24.88	5268.08	5292.96	---	---
11A	Ant1	5320	24.80	5307.80	5332.60	---	---
11A	Ant1	5500	26.80	5486.68	5513.48	---	---
11A	Ant1	5580	24.96	5567.56	5592.52	---	---
11A	Ant1	5700	25.04	5687.68	5712.72	---	---
11A	Ant1	5745	25.56	5732.68	5758.24	---	---
11A	Ant1	5785	25.64	5772.20	5797.84	---	---
11A	Ant1	5825	27.64	5811.48	5839.12	---	---
11AC20SISO	Ant1	5180	27.40	5166.44	5193.84	---	---
11AC20SISO	Ant1	5200	26.80	5186.48	5213.28	---	---
11AC20SISO	Ant1	5240	26.04	5227.60	5253.64	---	---
11AC20SISO	Ant1	5260	26.68	5247.08	5273.76	---	---
11AC20SISO	Ant1	5280	26.80	5267.20	5294.00	---	---
11AC20SISO	Ant1	5320	25.76	5307.20	5332.96	---	---
11AC20SISO	Ant1	5500	27.24	5486.84	5514.08	---	---
11AC20SISO	Ant1	5580	26.44	5567.08	5593.52	---	---
11AC20SISO	Ant1	5700	25.84	5686.64	5712.48	---	---
11AC20SISO	Ant1	5745	26.56	5731.88	5758.44	---	---
11AC20SISO	Ant1	5785	25.56	5772.56	5798.12	---	---
11AC20SISO	Ant1	5825	26.92	5811.72	5838.64	---	---
11AC40SISO	Ant1	5190	48.24	5165.20	5213.44	---	---
11AC40SISO	Ant1	5230	47.20	5206.40	5253.60	---	---
11AC40SISO	Ant1	5270	47.44	5246.40	5293.84	---	---
11AC40SISO	Ant1	5310	46.56	5286.56	5333.12	---	---
11AC40SISO	Ant1	5510	46.08	5487.44	5533.52	---	---
11AC40SISO	Ant1	5550	48.64	5524.56	5573.20	---	---
11AC40SISO	Ant1	5670	46.16	5647.04	5693.20	---	---
11AC40SISO	Ant1	5755	47.28	5731.40	5778.68	---	---
11AC40SISO	Ant1	5795	48.24	5771.88	5820.12	---	---
11AX20SISO	Ant1	5180	25.32	5167.08	5192.40	---	---
11AX20SISO	Ant1	5200	27.76	5186.28	5214.04	---	---
11AX20SISO	Ant1	5240	26.88	5226.44	5253.32	---	---
11AX20SISO	Ant1	5260	26.68	5246.40	5273.08	---	---
11AX20SISO	Ant1	5280	25.28	5267.48	5292.76	---	---



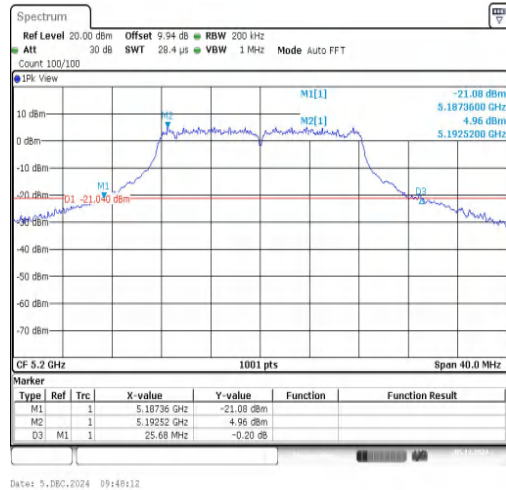
11AX20SISO	Ant1	5320	24.64	5307.88	5332.52	---	---
11AX20SISO	Ant1	5500	26.36	5487.68	5514.04	---	---
11AX20SISO	Ant1	5580	25.40	5567.28	5592.68	---	---
11AX20SISO	Ant1	5700	25.64	5687.04	5712.68	---	---
11AX20SISO	Ant1	5745	25.44	5732.44	5757.88	---	---
11AX20SISO	Ant1	5785	25.20	5772.76	5797.96	---	---
11AX20SISO	Ant1	5825	25.92	5812.60	5838.52	---	---
11AX40SISO	Ant1	5190	45.76	5167.12	5212.88	---	---
11AX40SISO	Ant1	5230	45.92	5206.80	5252.72	---	---
11AX40SISO	Ant1	5270	46.16	5247.20	5293.36	---	---
11AX40SISO	Ant1	5310	46.16	5286.64	5332.80	---	---
11AX40SISO	Ant1	5510	44.48	5488.16	5532.64	---	---
11AX40SISO	Ant1	5550	48.72	5524.16	5572.88	---	---
11AX40SISO	Ant1	5670	45.36	5646.80	5692.16	---	---
11AX40SISO	Ant1	5755	45.68	5731.72	5777.40	---	---
11AX40SISO	Ant1	5795	45.04	5772.28	5817.32	---	---



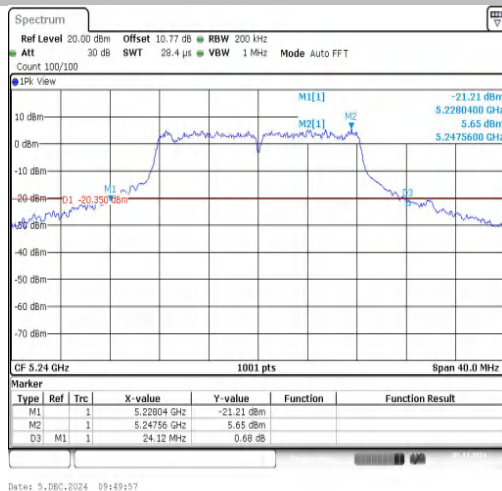
Test Graphs



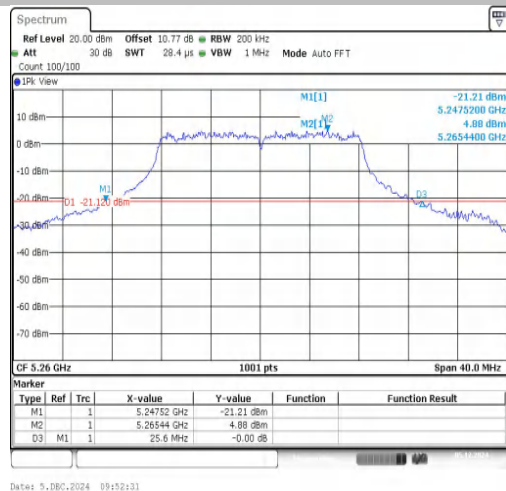
11A-Ant1-5180



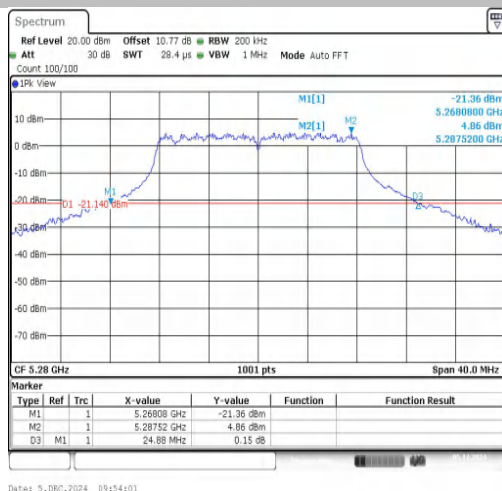
11A-Ant1-5200



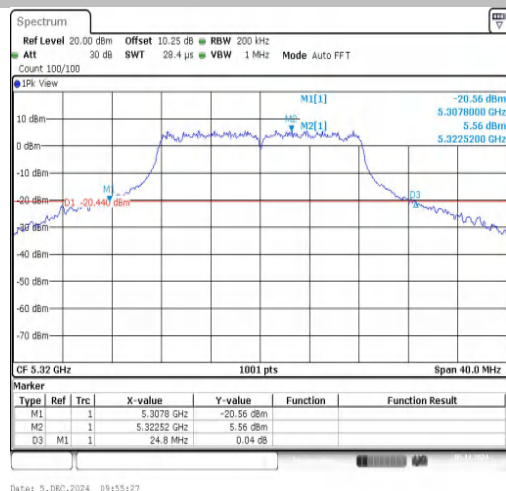
11A-Ant1-5240



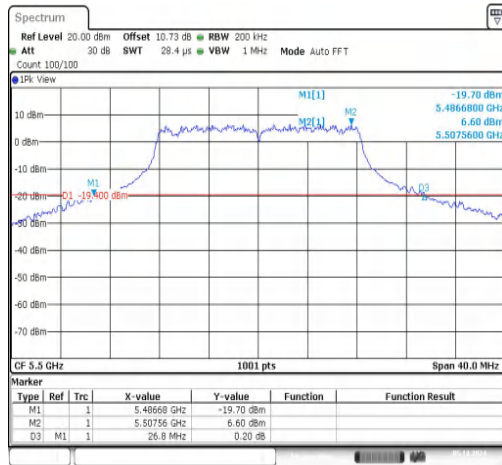
11A-Ant1-5260



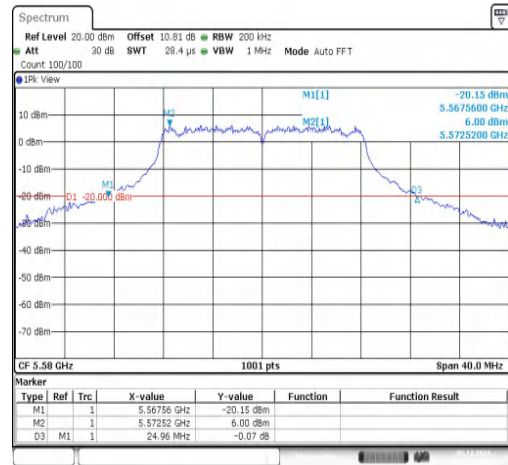
11A-Ant1-5280



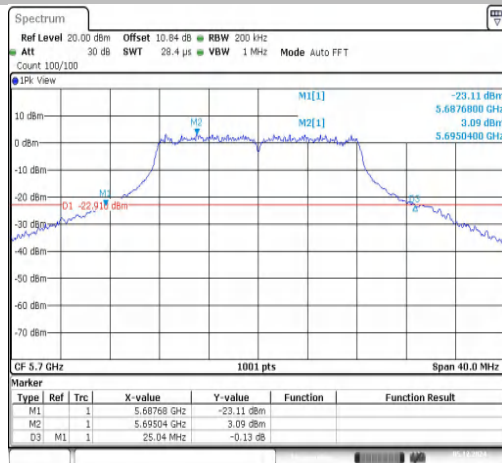
11A-Ant1-5320



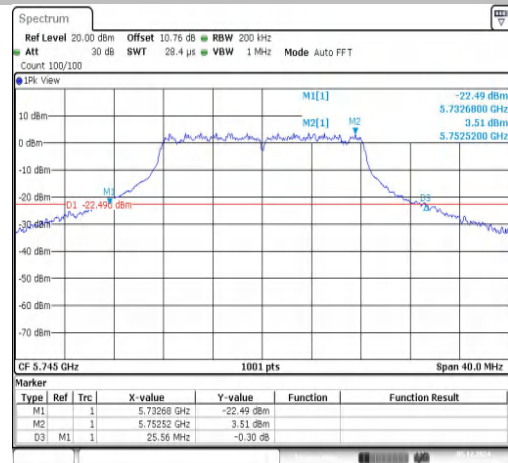
11A-Ant1-5500



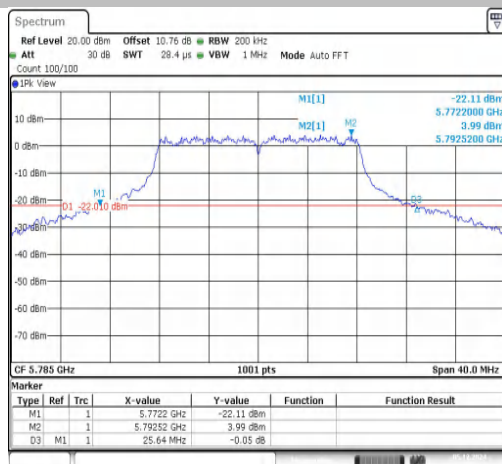
11A-Ant1-5580



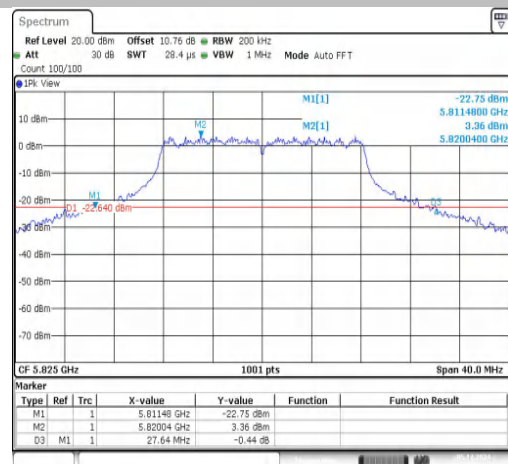
11A-Ant1-5700



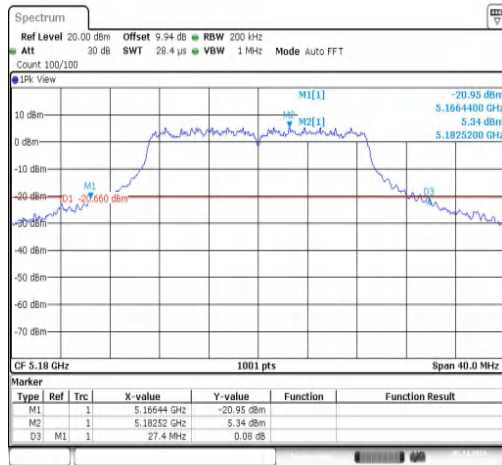
11A-Ant1-5745



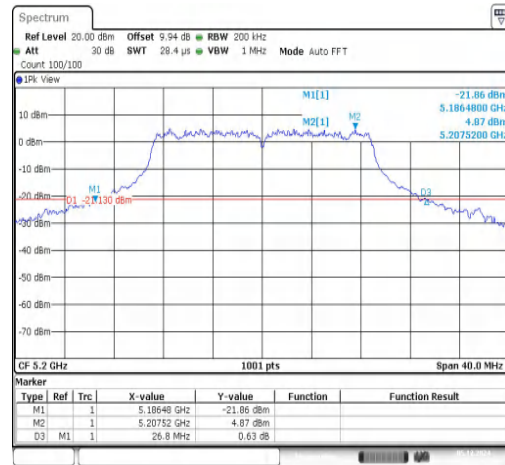
11A-Ant1-5785



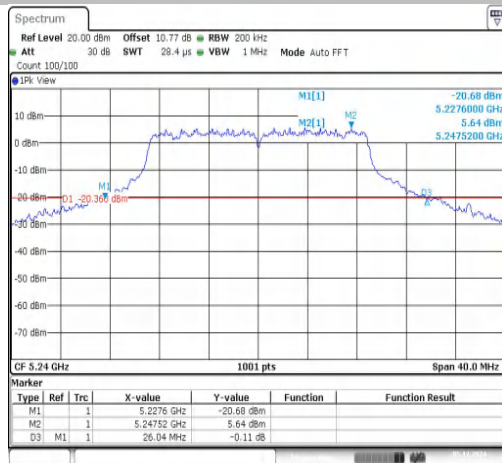
11A-Ant1-5825



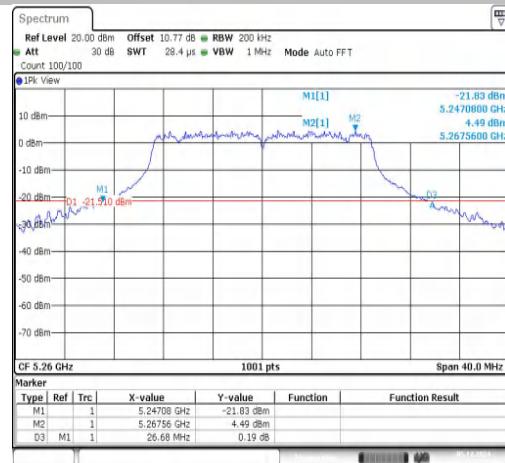
11AC20SISO-Ant1-5180



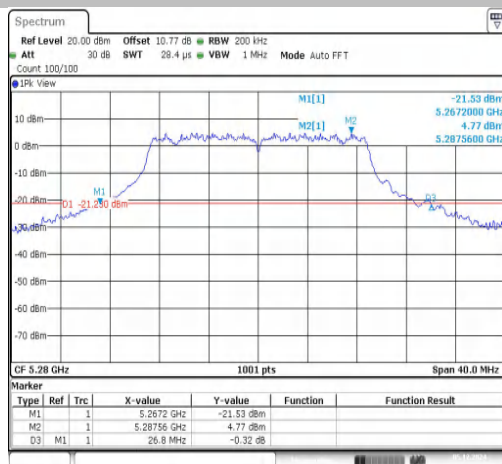
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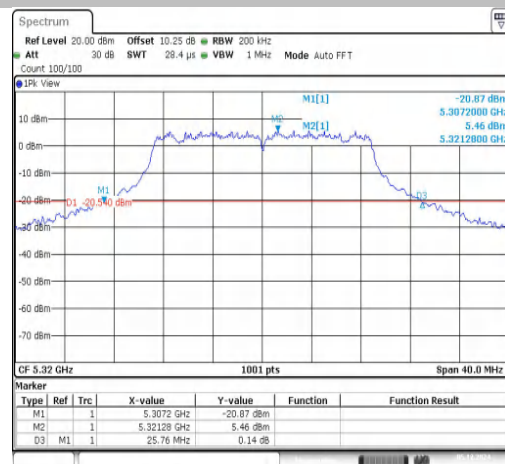
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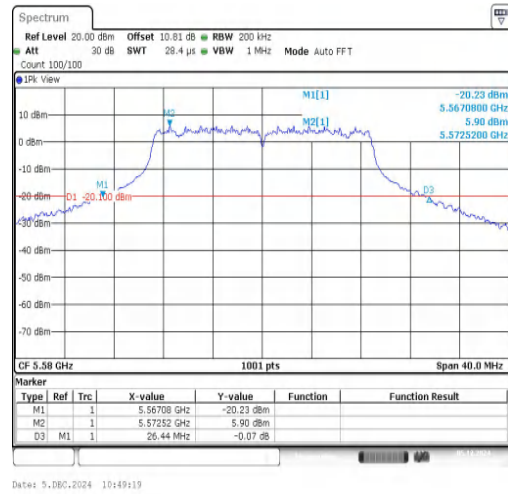
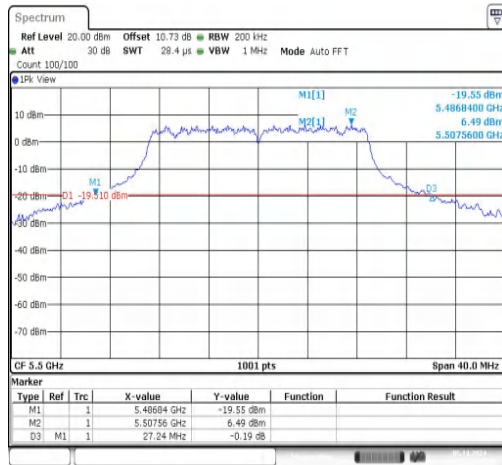
11AC20SISO-Ant1-5260



11AC20SISO-Ant1-5280

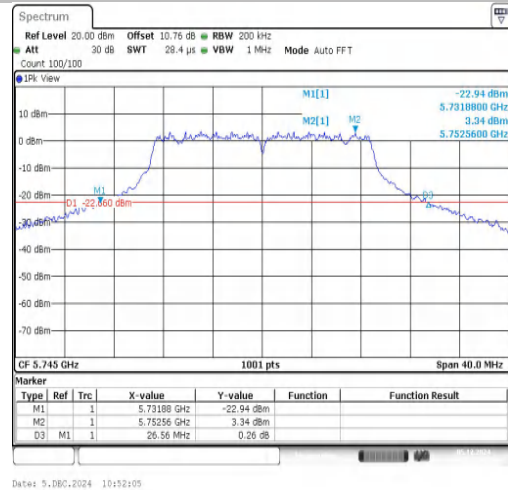
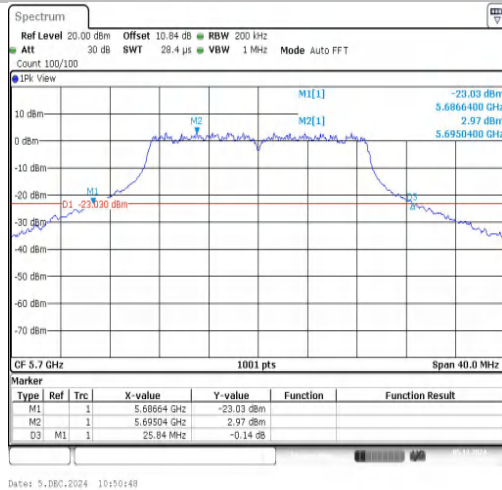


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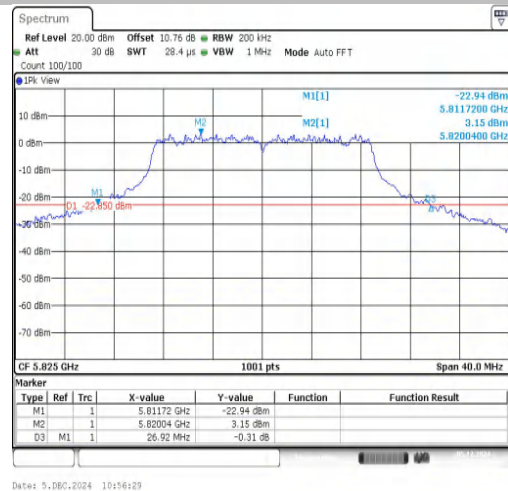
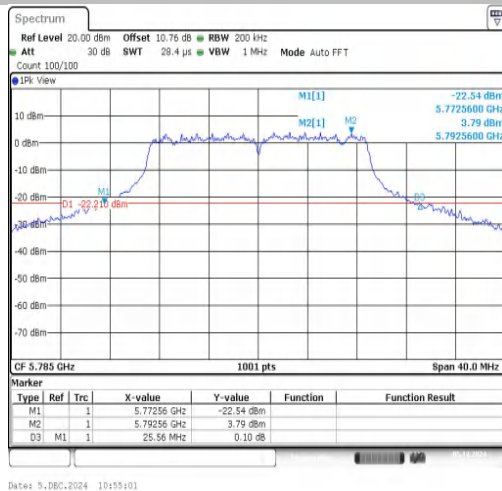
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11AC20SISO-Ant1-5580



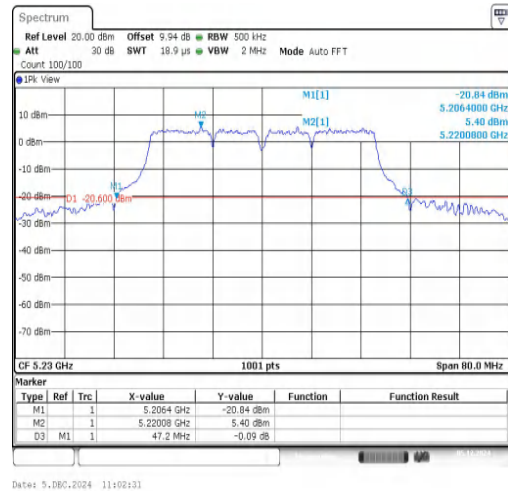
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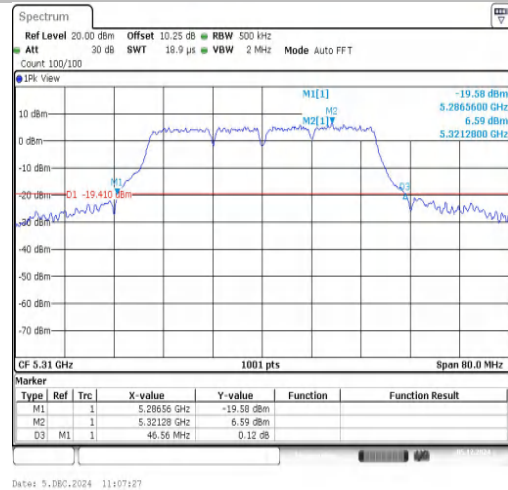
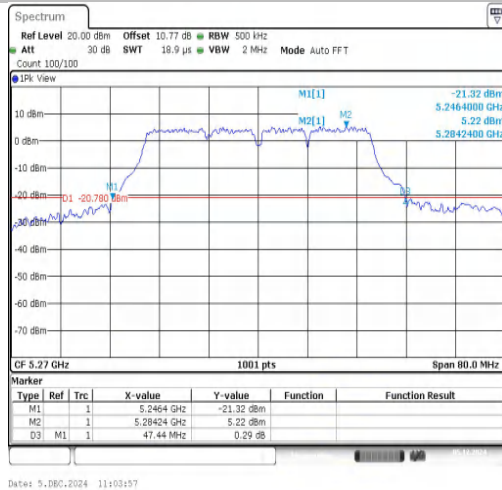
11AC20SISO-Ant1-5785

11AC20SISO-Ant1-5825



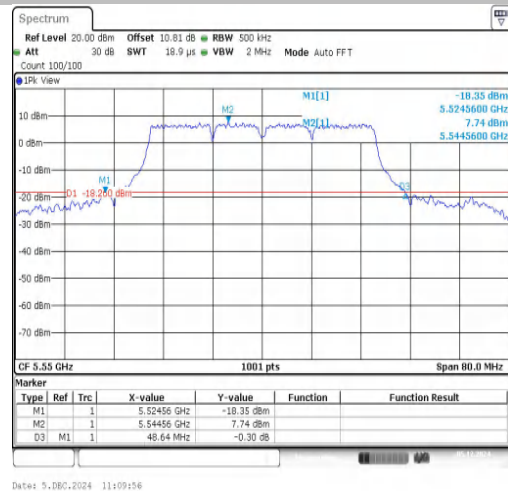
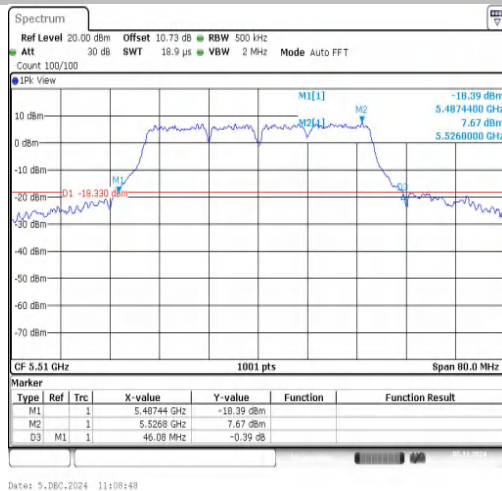
11AC40SISO-Ant1-5190

11AC40SISO-Ant1-5230



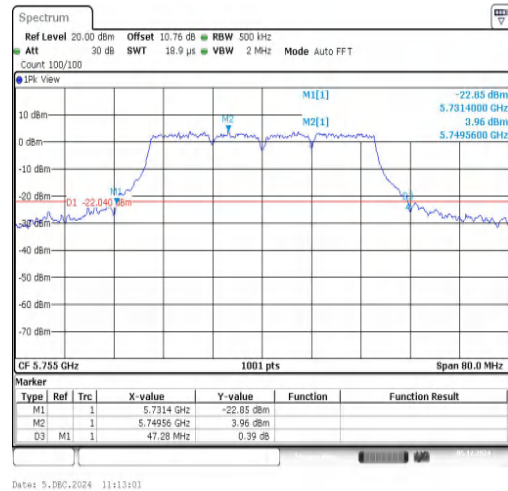
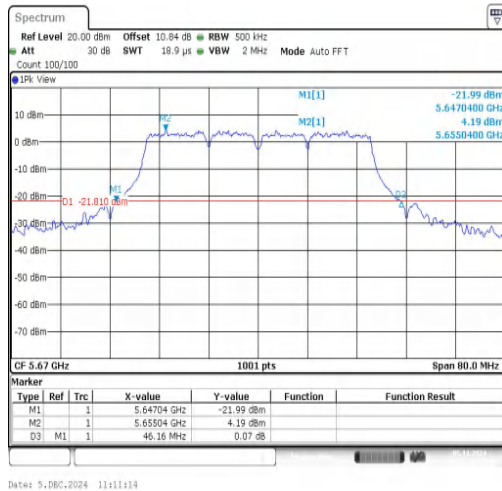
11AC40SISO-Ant1-5270

11AC40SISO-Ant1-5310



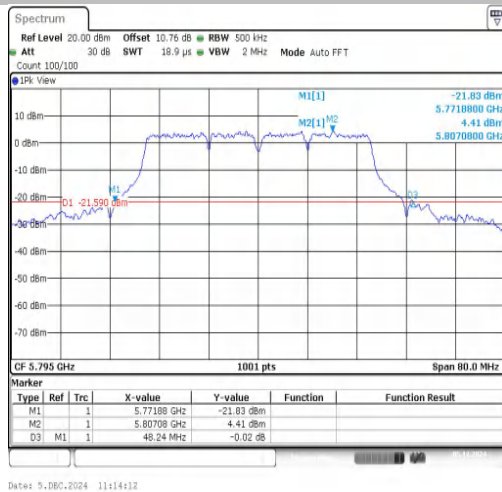
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11AC40SISO-Ant1-5550



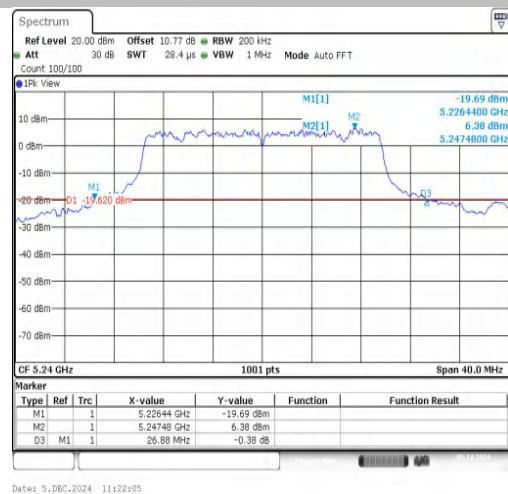
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11AC40SISO-Ant1-5755



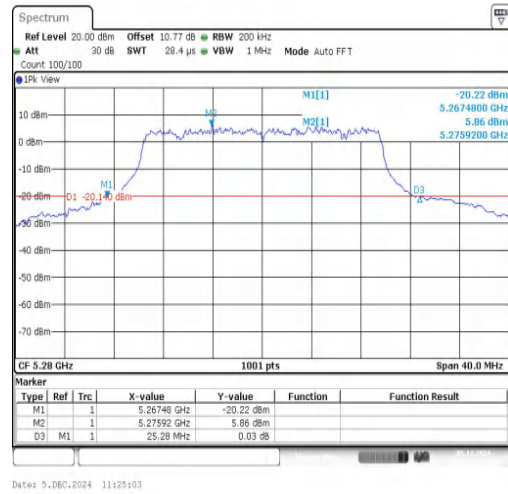
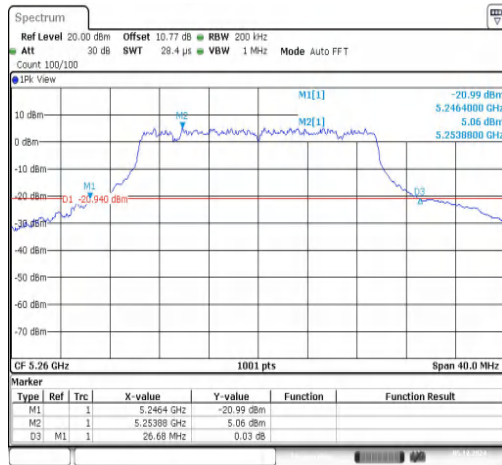
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11AX20SISO-Ant1-5180



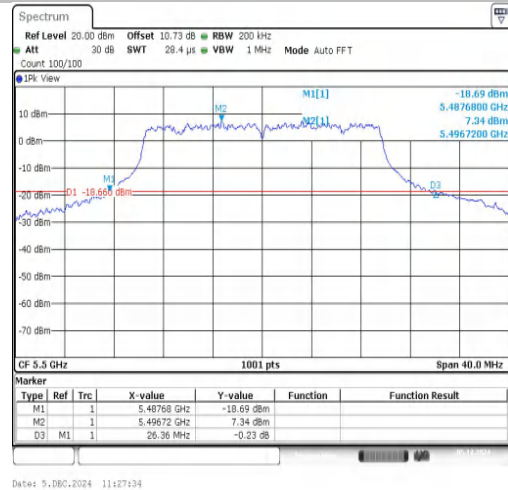
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11AX20SISO-Ant1-5240



11AX20SISO-Ant1-5260

11AX20SISO-Ant1-5280



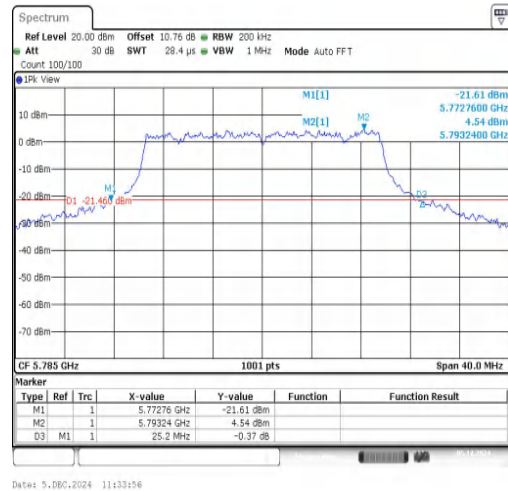
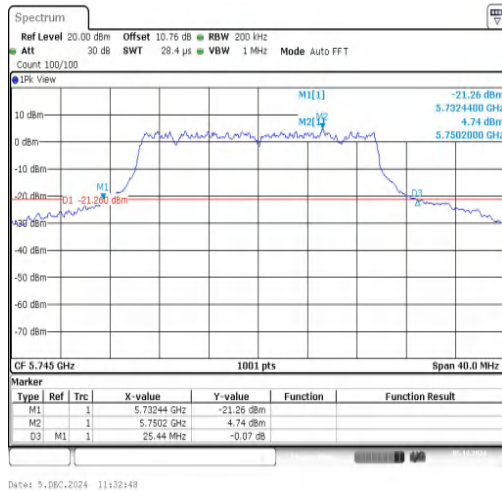
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11AX20SISO-Ant1-5500



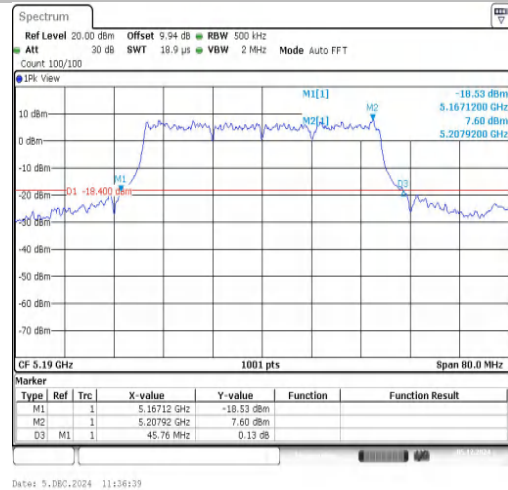
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11AX20SISO-Ant1-5700



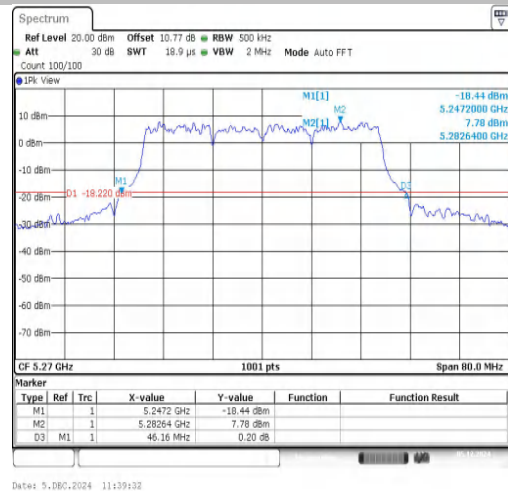
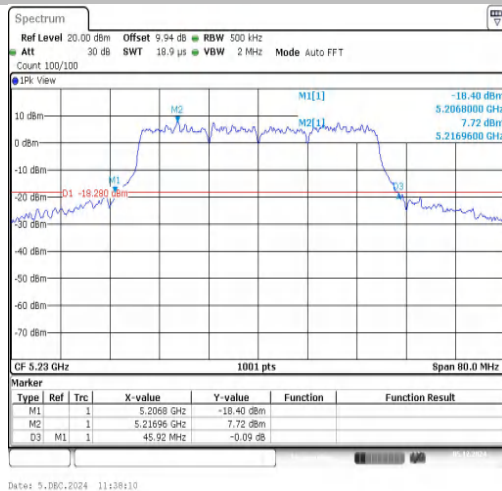
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11AX20SISO-Ant1-5785



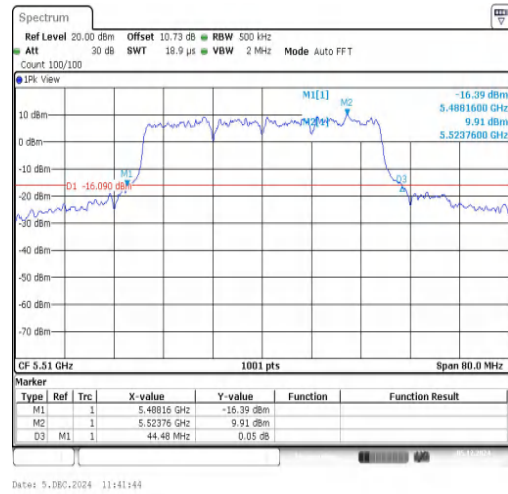
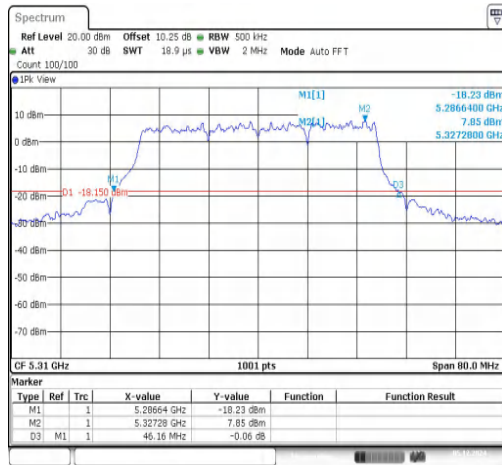
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11AX40SISO-Ant1-5190



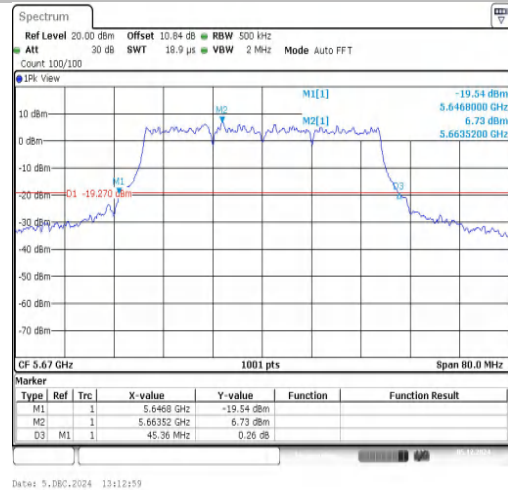
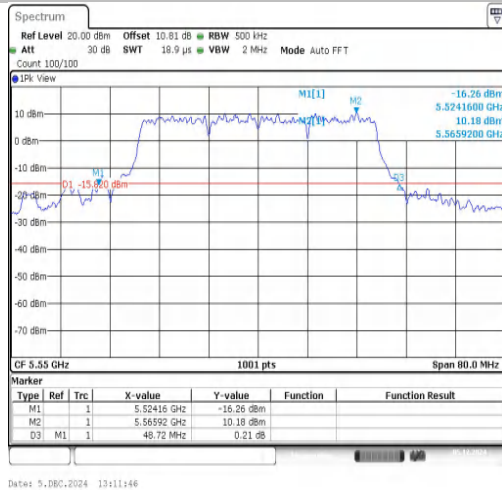
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11AX40SISO-Ant1-5270



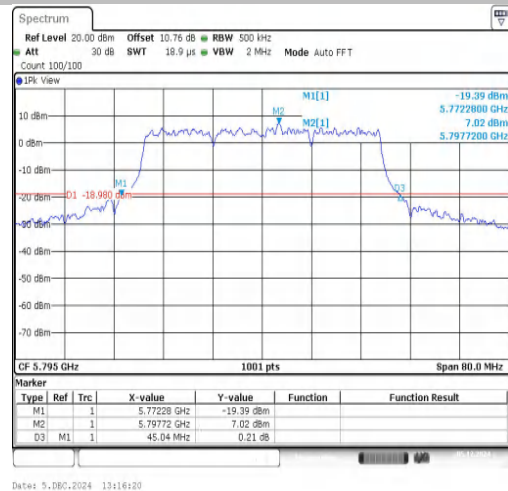
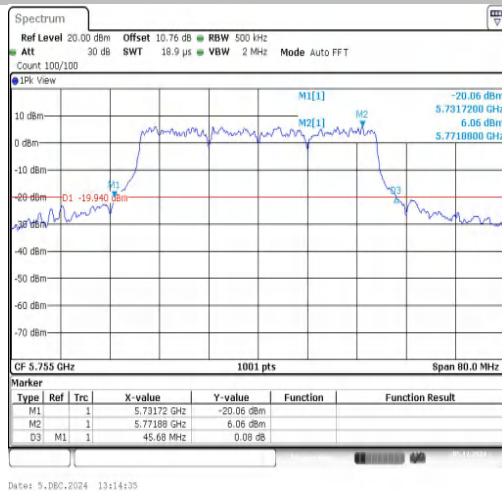
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11AX40SISO-Ant1-5510



11AX40SISO-Ant1-5550

11AX40SISO-Ant1-5670



11AX40SISO-Ant1-5755

11AX40SISO-Ant1-5795



Appendix A2: Occupied channel bandwidth

Test Result

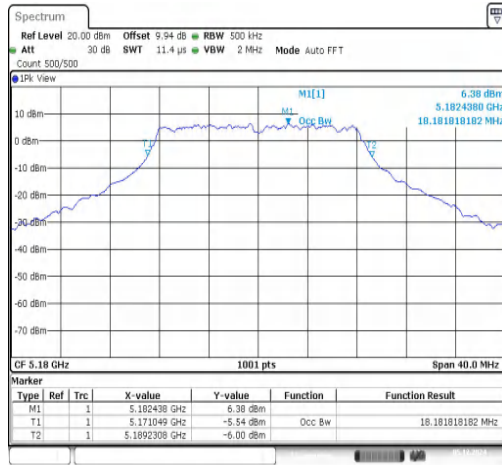
Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.182	5171.0490	5189.2308	---	---
11A	Ant1	5200	18.222	5190.6893	5208.9111	---	---
11A	Ant1	5240	18.541	5230.9291	5249.4705	---	---
11A	Ant1	5260	17.742	5251.2088	5268.9510	---	---
11A	Ant1	5280	17.622	5271.2488	5288.8711	---	---
11A	Ant1	5320	17.582	5311.2887	5328.8711	---	---
11A	Ant1	5500	18.382	5491.0090	5509.3906	---	---
11A	Ant1	5580	18.422	5570.6494	5589.0709	---	---
11A	Ant1	5700	17.662	5691.1289	5708.7912	---	---
11A	Ant1	5745	18.501	5735.8092	5754.3107	---	---
11A	Ant1	5785	18.102	5776.0490	5794.1508	---	---
11A	Ant1	5825	19.5	5815.6494	5835.1499	---	---
11AC20SISO	Ant1	5180	19.98	5170.0500	5190.0300	---	---
11AC20SISO	Ant1	5200	19.341	5190.7692	5210.1099	---	---
11AC20SISO	Ant1	5240	18.861	5230.7692	5249.6304	---	---
11AC20SISO	Ant1	5260	19.221	5250.4496	5269.6703	---	---
11AC20SISO	Ant1	5280	19.141	5270.2897	5289.4306	---	---
11AC20SISO	Ant1	5320	18.741	5310.6893	5329.4306	---	---
11AC20SISO	Ant1	5500	18.821	5490.7293	5509.5504	---	---
11AC20SISO	Ant1	5580	18.981	5570.4496	5589.4306	---	---
11AC20SISO	Ant1	5700	19.74	5690.2098	5709.9500	---	---
11AC20SISO	Ant1	5745	19.021	5735.4496	5754.4705	---	---
11AC20SISO	Ant1	5785	19.5	5775.2498	5794.7502	---	---
11AC20SISO	Ant1	5825	19.021	5815.5295	5834.5504	---	---
11AC40SISO	Ant1	5190	37.243	5171.2188	5208.4615	---	---
11AC40SISO	Ant1	5230	37.323	5211.5385	5248.8611	---	---
11AC40SISO	Ant1	5270	37.323	5251.3786	5288.7013	---	---
11AC40SISO	Ant1	5310	37.562	5291.2188	5328.7812	---	---
11AC40SISO	Ant1	5510	37.642	5491.2188	5528.8611	---	---
11AC40SISO	Ant1	5550	37.403	5531.2987	5568.7013	---	---
11AC40SISO	Ant1	5670	37.163	5651.5385	5688.7013	---	---
11AC40SISO	Ant1	5755	37.642	5736.0589	5773.7013	---	---
11AC40SISO	Ant1	5795	37.003	5776.3786	5813.3816	---	---
11AX20SISO	Ant1	5180	19.98	5169.9700	5189.9500	---	---
11AX20SISO	Ant1	5200	19.58	5190.0899	5209.6703	---	---
11AX20SISO	Ant1	5240	19.9	5230.3297	5250.2298	---	---
11AX20SISO	Ant1	5260	20.02	5250.2098	5270.2298	---	---
11AX20SISO	Ant1	5280	19.301	5270.4096	5289.7103	---	---



11AX20SISO	Ant1	5320	19.82	5310.2498	5330.0699	---	---
11AX20SISO	Ant1	5500	20.1	5490.0899	5510.1898	---	---
11AX20SISO	Ant1	5580	19.9	5570.0100	5589.9101	---	---
11AX20SISO	Ant1	5700	19.7	5690.1299	5709.8302	---	---
11AX20SISO	Ant1	5745	20.18	5734.8501	5755.0300	---	---
11AX20SISO	Ant1	5785	19.9	5775.2897	5795.1898	---	---
11AX20SISO	Ant1	5825	20.659	5814.6503	5835.3097	---	---
11AX40SISO	Ant1	5190	38.442	5170.8192	5209.2607	---	---
11AX40SISO	Ant1	5230	38.761	5210.5794	5249.3407	---	---
11AX40SISO	Ant1	5270	38.362	5250.8192	5289.1808	---	---
11AX40SISO	Ant1	5310	38.442	5290.7393	5329.1808	---	---
11AX40SISO	Ant1	5510	38.282	5490.9790	5529.2607	---	---
11AX40SISO	Ant1	5550	38.442	5530.8192	5569.2607	---	---
11AX40SISO	Ant1	5670	38.761	5650.4995	5689.2607	---	---
11AX40SISO	Ant1	5755	38.761	5735.4995	5774.2607	---	---
11AX40SISO	Ant1	5795	38.362	5775.7393	5814.1009	---	---

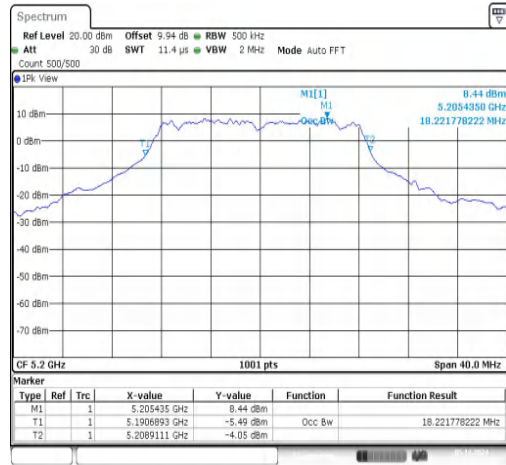


Test Graphs



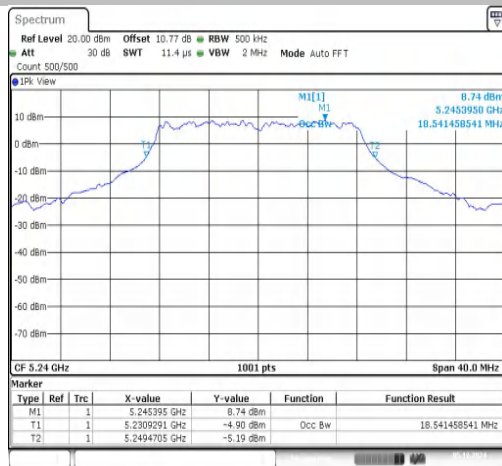
Date: 5.DEC.2024 09:16:17

11A-Ant1-5180



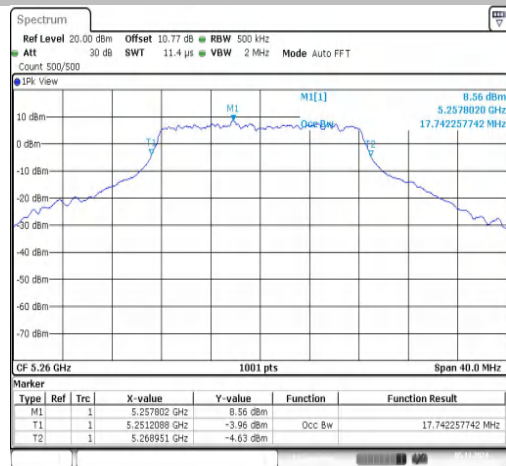
Date: 5.DEC.2024 09:16:19

11A-Ant1-5200



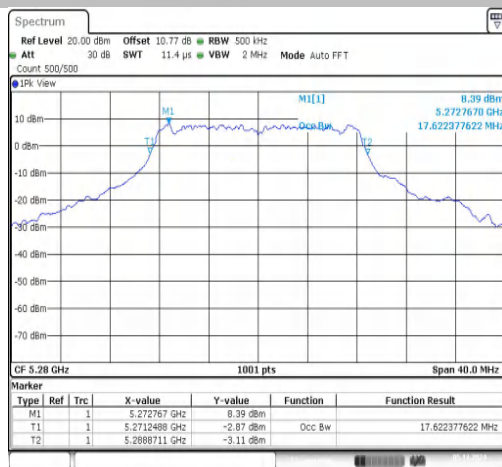
Date: 5.DEC.2024 09:16:04

11A-Ant1-5240



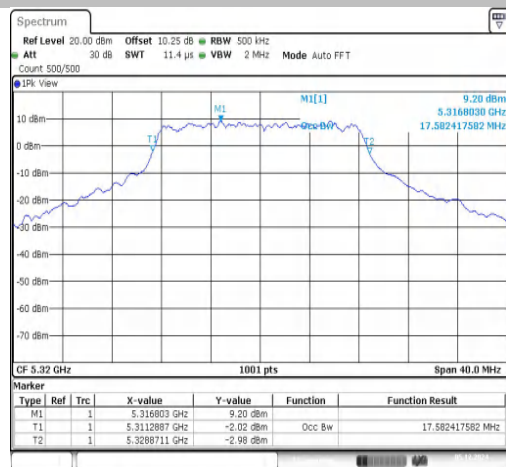
Date: 5.DEC.2024 09:16:38

11A-Ant1-5260



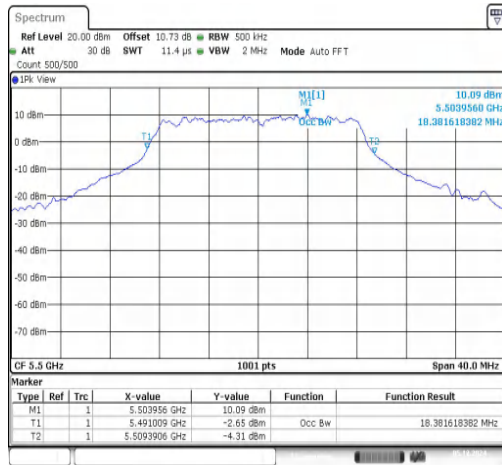
Date: 5.DEC.2024 09:15:08

11A-Ant1-5280

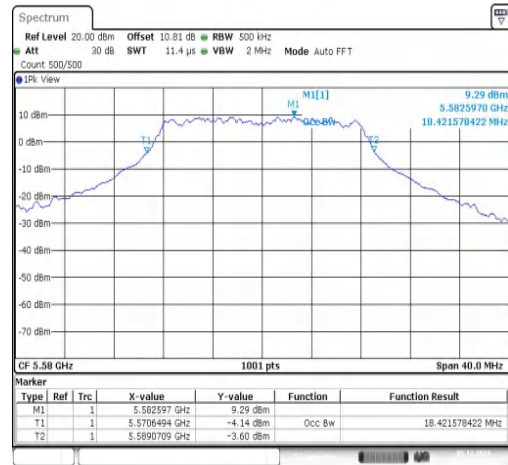


Date: 5.DEC.2024 09:15:34

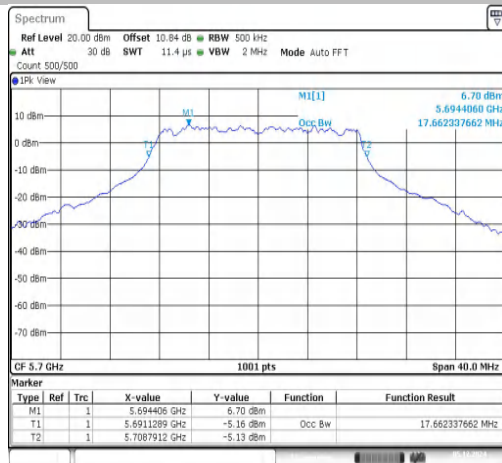
11A-Ant1-5320



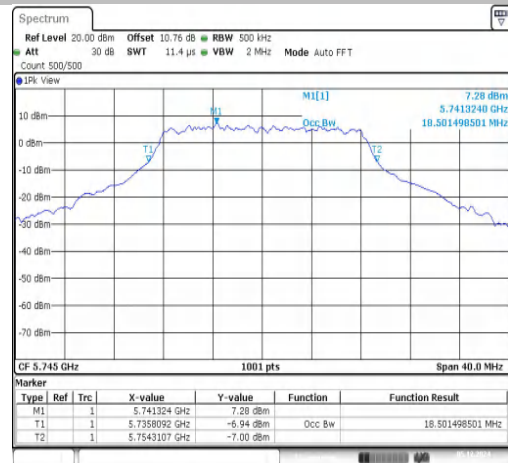
11A-Ant1-5500



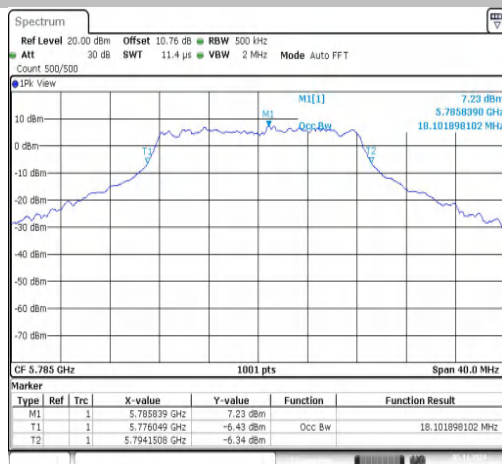
11A-Ant1-5580



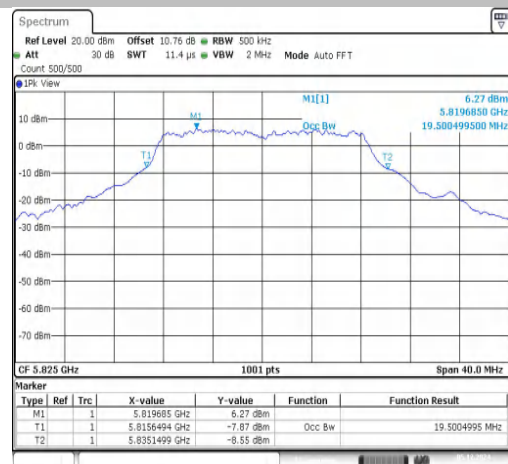
11A-Ant1-5700



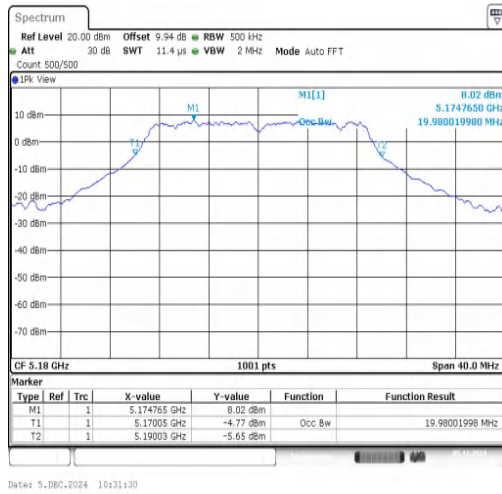
11A-Ant1-5745



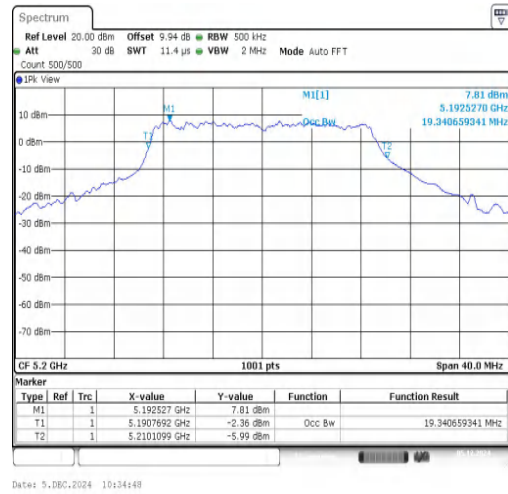
11A-Ant1-5785



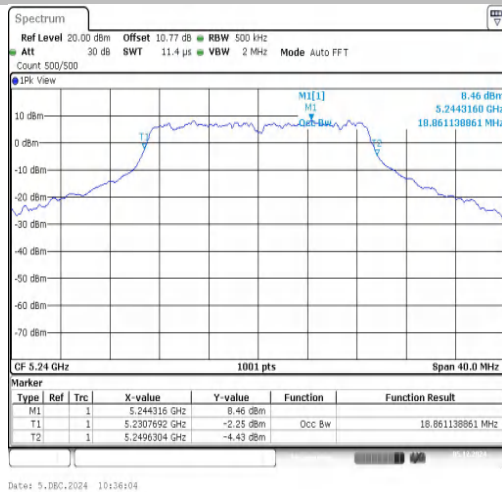
11A-Ant1-5825



11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240



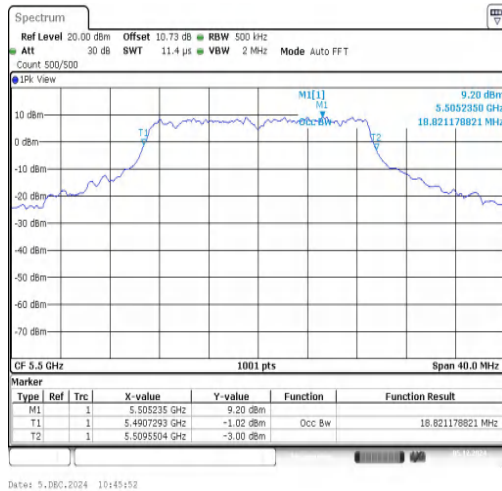
11AC20SISO-Ant1-5260



11AC20SISO-Ant1-5280



11AC20SISO-Ant1-5320



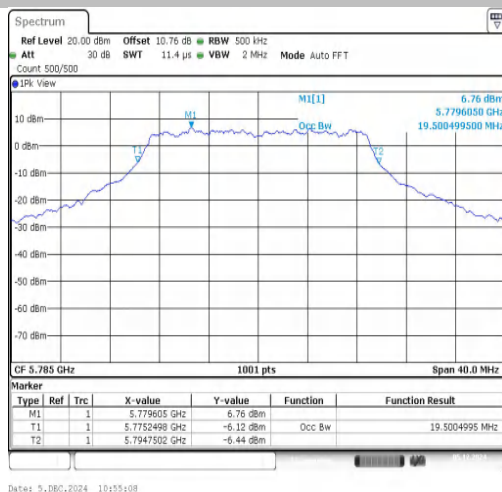
11AC20SISO-Ant1-5500

11AC20SISO-Ant1-5580



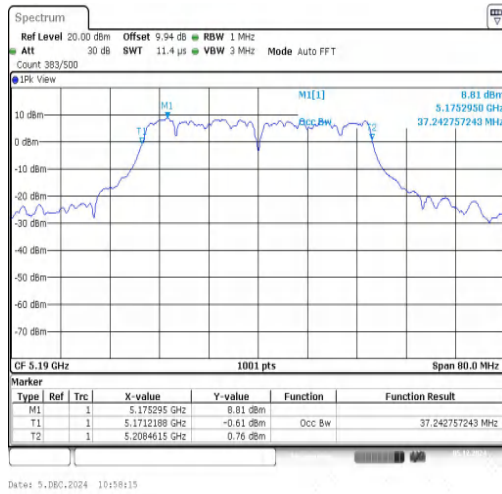
11AC20SISO-Ant1-5700

11AC20SISO-Ant1-5745

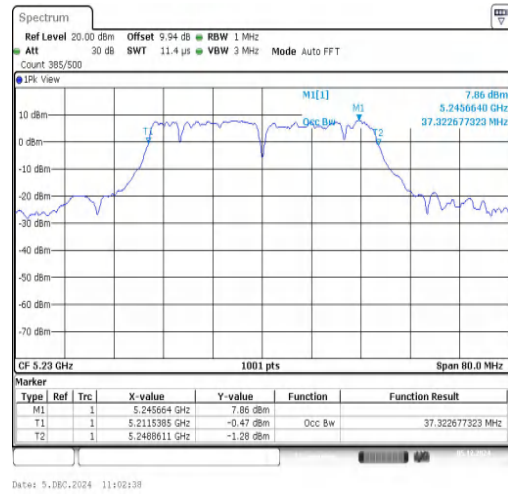


11AC20SISO-Ant1-5785

11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5190



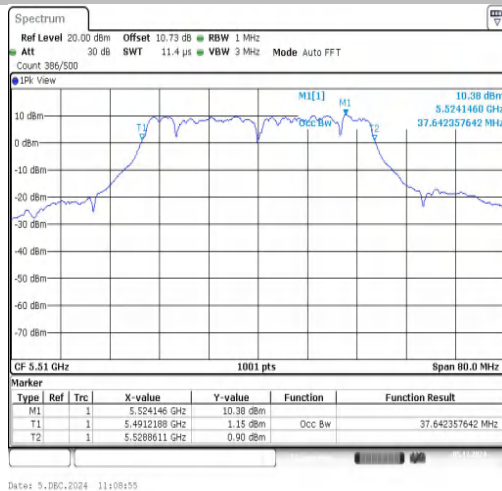
11AC40SISO-Ant1-5230



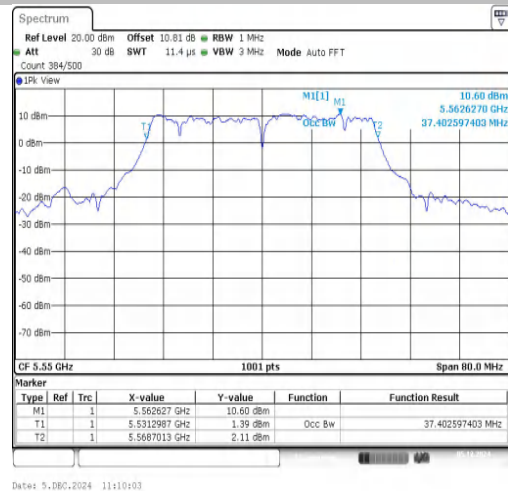
11AC40SISO-Ant1-5270



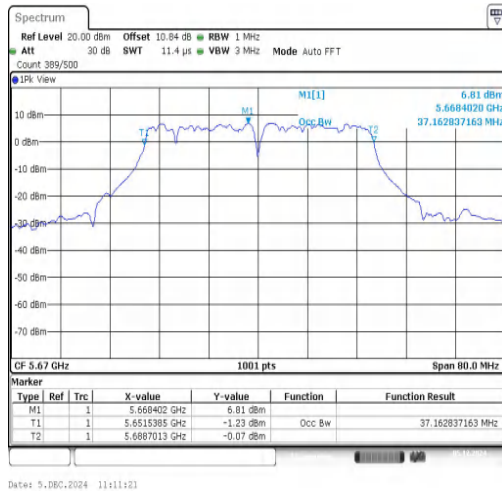
11AC40SISO-Ant1-5310



11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5550



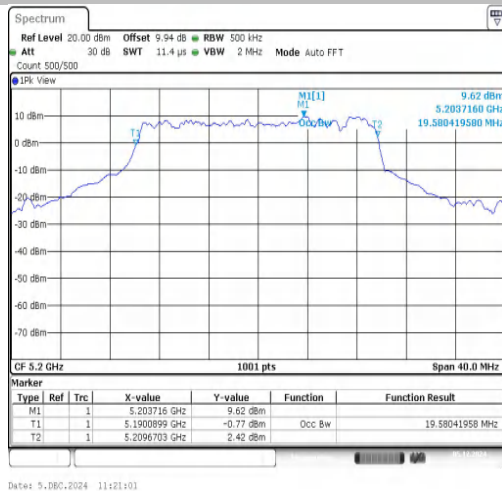
11AC40SISO-Ant1-5670

11AC40SISO-Ant1-5755



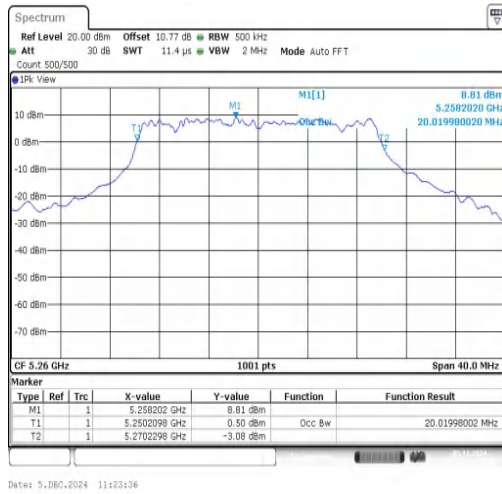
11AC40SISO-Ant1-5795

11AX20SISO-Ant1-5180

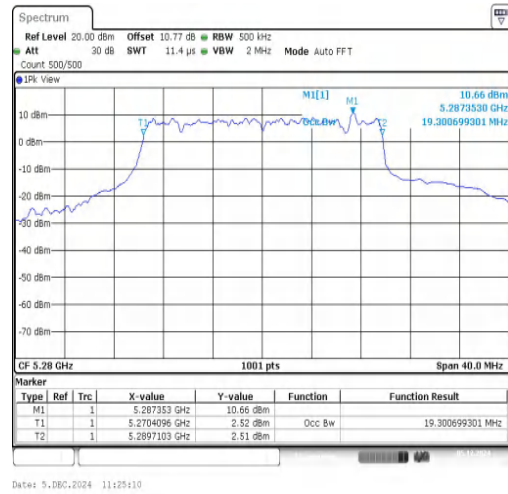


11AX20SISO-Ant1-5200

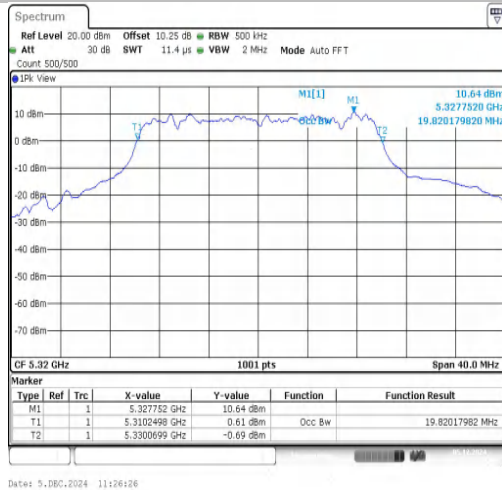
11AX20SISO-Ant1-5240



11AX20SISO-Ant1-5260



11AX20SISO-Ant1-5280



11AX20SISO-Ant1-5320



11AX20SISO-Ant1-5500



11AX20SISO-Ant1-5580



11AX20SISO-Ant1-5700



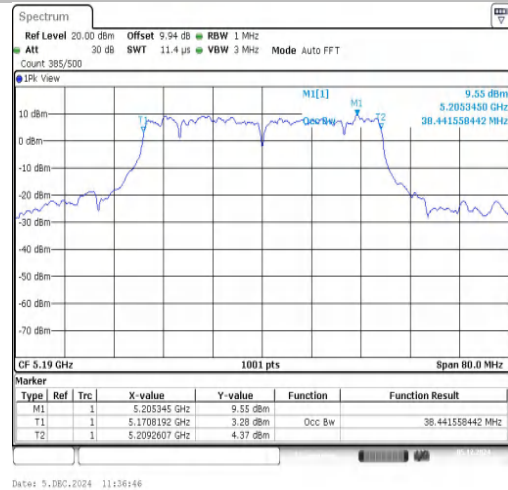
11AX20SISO-Ant1-5745



11AX20SISO-Ant1-5785



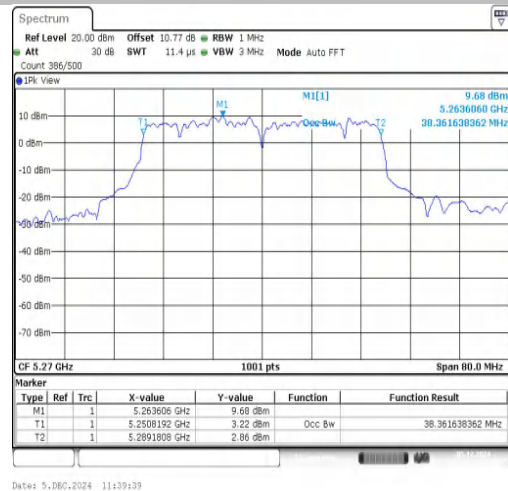
11AX20SISO-Ant1-5825



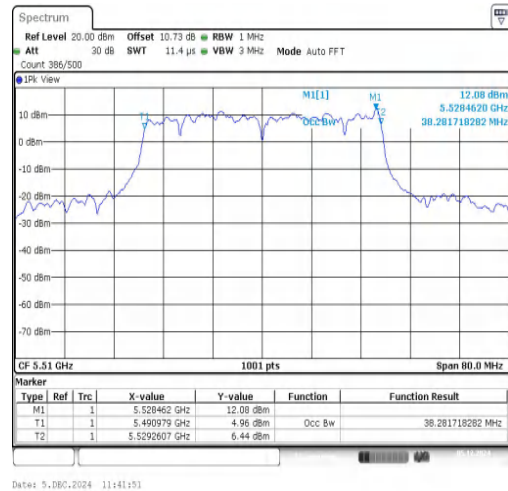
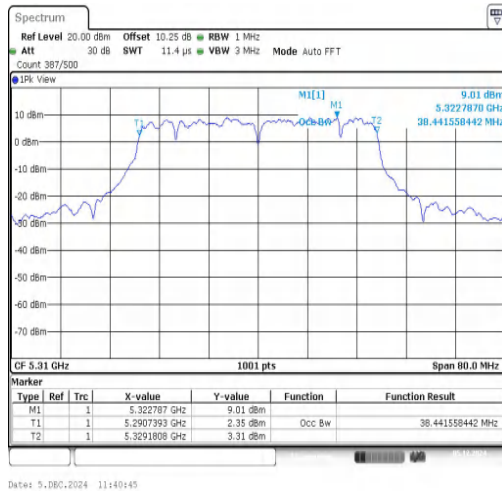
11AX40SISO-Ant1-5190



11AX40SISO-Ant1-5230

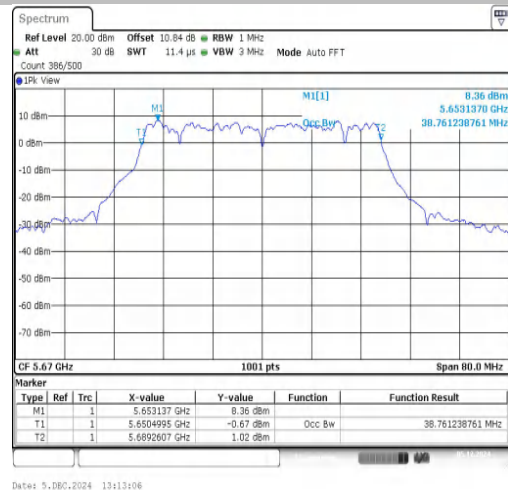
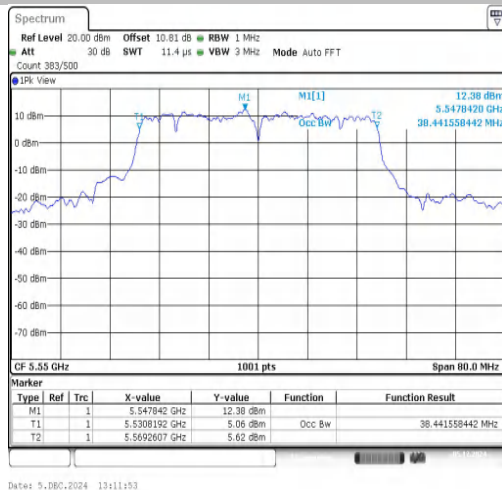


11AX40SISO-Ant1-5270



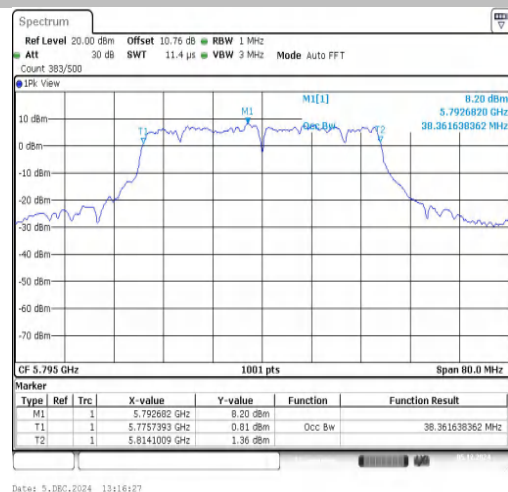
11AX40SISO-Ant1-5310

11AX40SISO-Ant1-5510



11AX40SISO-Ant1-5550

11AX40SISO-Ant1-5670



11AX40SISO-Ant1-5755

11AX40SISO-Ant1-5795



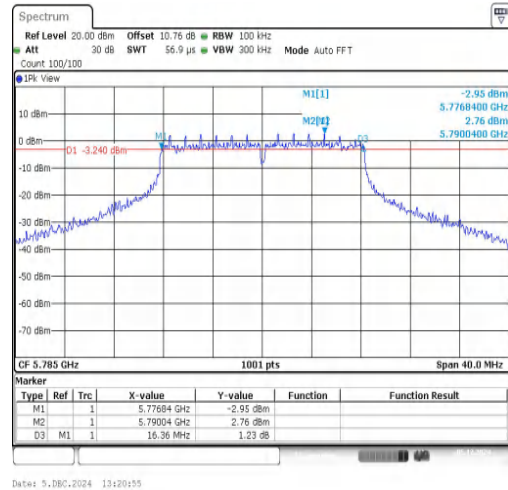
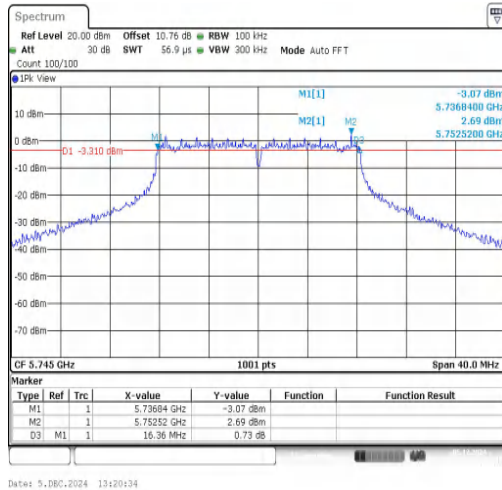
Appendix A3: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.84	5753.20	0.5	PASS
11A	Ant1	5785	16.36	5776.84	5793.20	0.5	PASS
11A	Ant1	5825	16.36	5816.84	5833.20	0.5	PASS
11AC20SISO	Ant1	5745	17.60	5736.24	5753.84	0.5	PASS
11AC20SISO	Ant1	5785	17.60	5776.24	5793.84	0.5	PASS
11AC20SISO	Ant1	5825	17.60	5816.24	5833.84	0.5	PASS
11AC40SISO	Ant1	5755	36.40	5736.84	5773.24	0.5	PASS
11AC40SISO	Ant1	5795	36.32	5776.84	5813.16	0.5	PASS
11AX20SISO	Ant1	5745	18.88	5735.56	5754.44	0.5	PASS
11AX20SISO	Ant1	5785	18.92	5775.64	5794.56	0.5	PASS
11AX20SISO	Ant1	5825	19.08	5815.48	5834.56	0.5	PASS
11AX40SISO	Ant1	5755	37.92	5735.96	5773.88	0.5	PASS
11AX40SISO	Ant1	5795	38.16	5775.88	5814.04	0.5	PASS

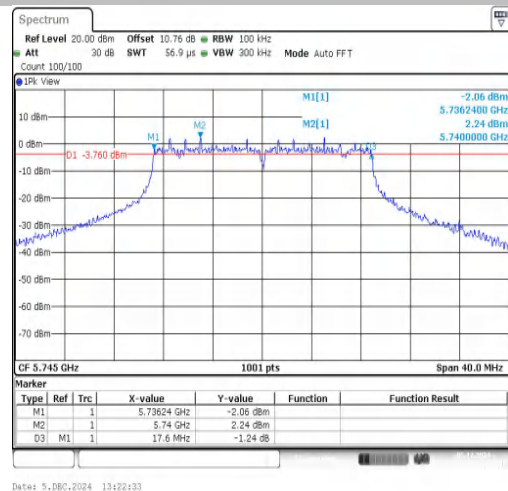
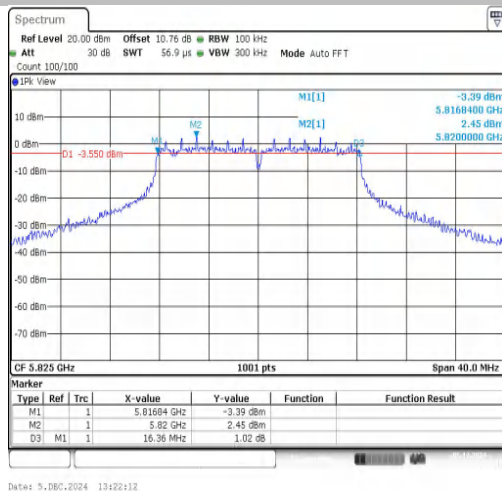


Test Graphs B4



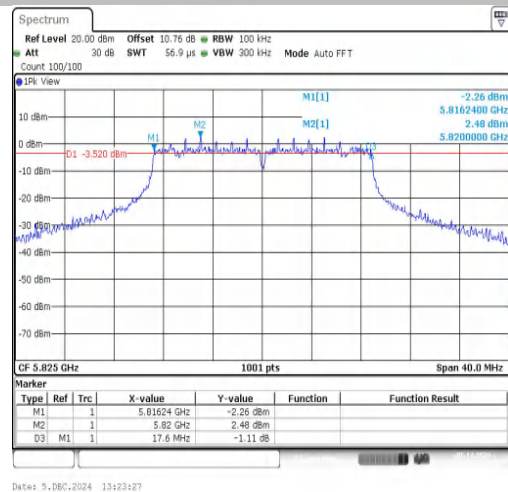
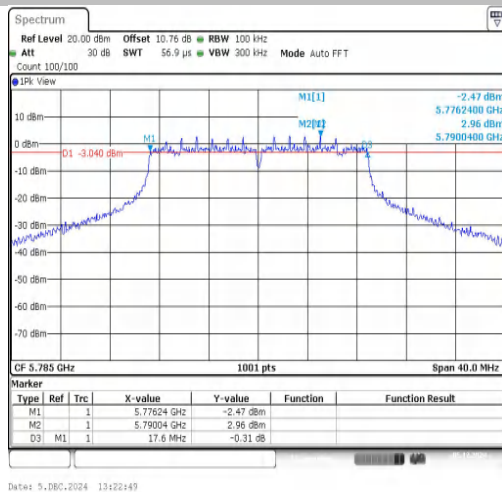
11A-Ant1-5745-PASS

11A-Ant1-5785-PASS



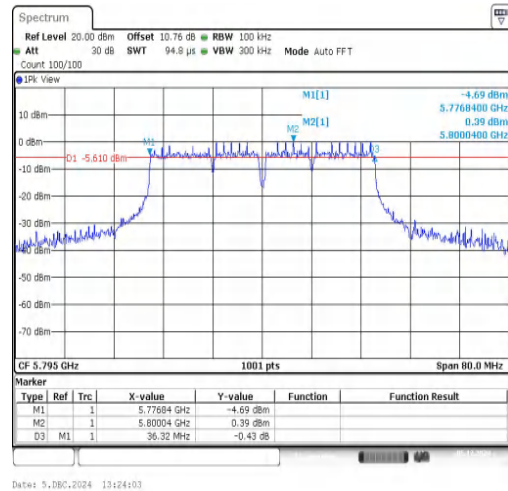
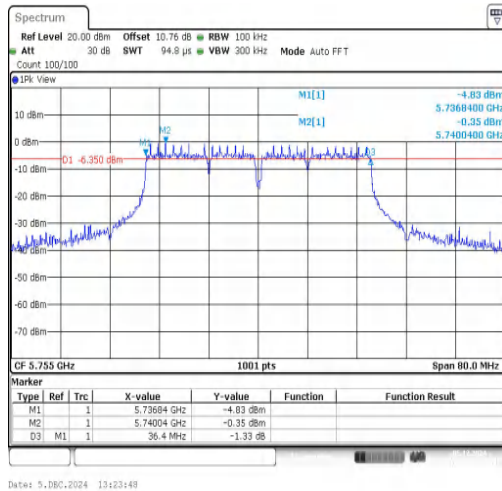
11A-Ant1-5825-PASS

11AC20SISO-Ant1-5745-PASS



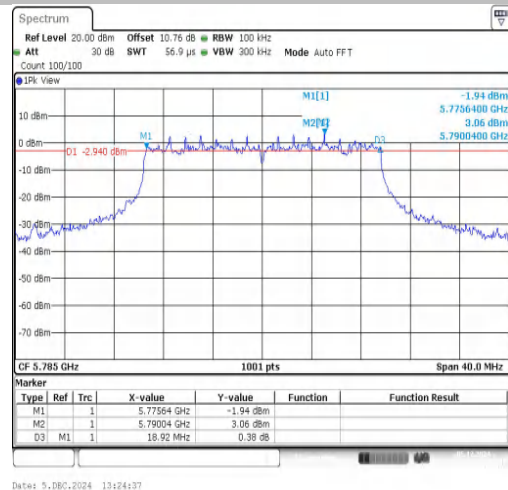
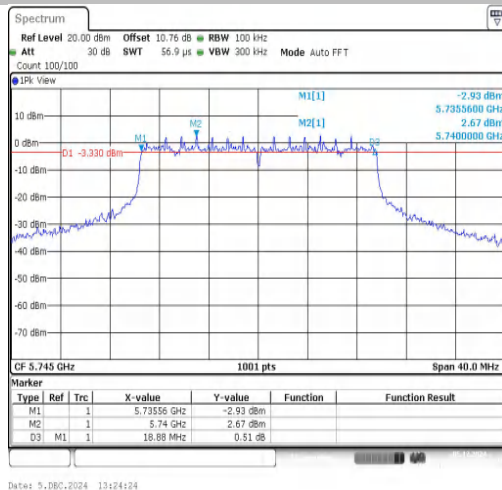
11AC20SISO-Ant1-5785-PASS

11AC20SISO-Ant1-5825-PASS



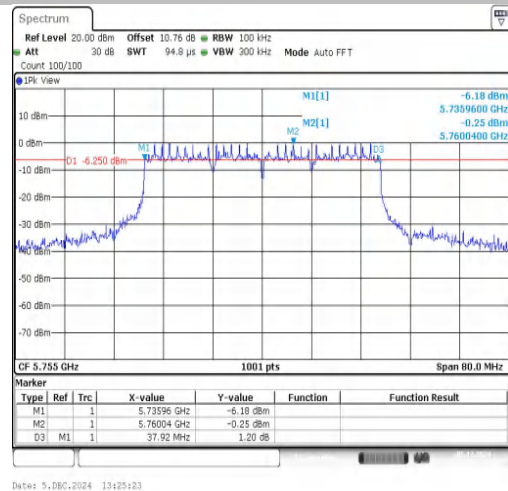
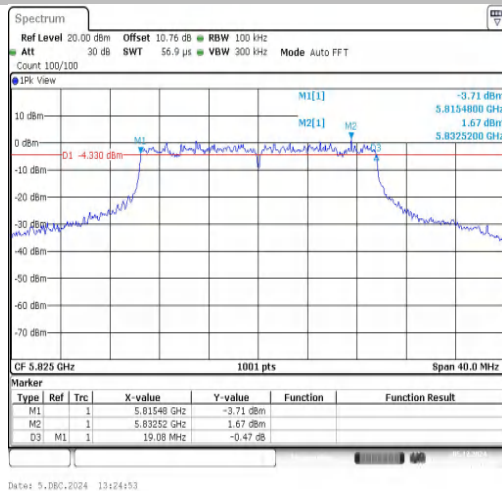
11AC40SISO-Ant1-5755-PASS

11AC40SISO-Ant1-5795-PASS



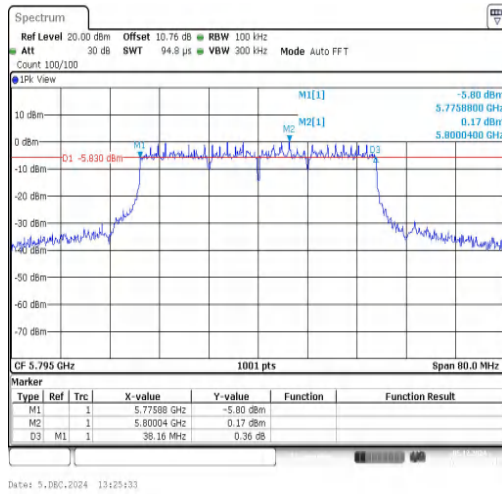
11AX20SISO-Ant1-5745-PASS

11AX20SISO-Ant1-5785-PASS



11AX20SISO-Ant1-5825-PASS

11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS



Appendix B: Duty Cycle

Test Result

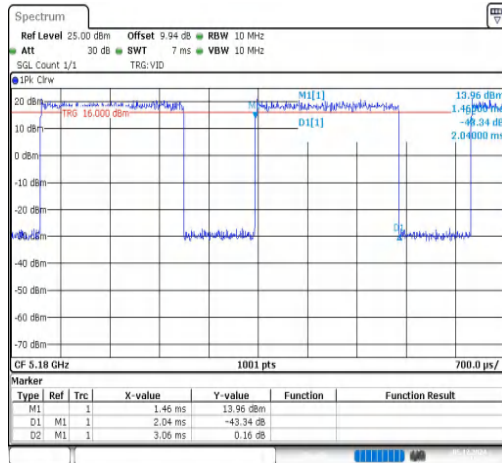
Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.04	3.06	66.67	---	---
11A	Ant1	5200	2.03	3.05	66.56	---	---
11A	Ant1	5240	2.04	3.05	66.89	---	---
11A	Ant1	5260	2.03	3.05	66.56	---	---
11A	Ant1	5280	2.03	3.06	66.34	---	---
11A	Ant1	5320	2.03	3.05	66.56	---	---
11A	Ant1	5500	2.03	3.05	66.56	---	---
11A	Ant1	5580	2.03	3.05	66.56	---	---
11A	Ant1	5700	2.03	3.05	66.56	---	---
11A	Ant1	5745	2.03	3.05	66.56	---	---
11A	Ant1	5785	2.03	3.05	66.56	---	---
11A	Ant1	5825	2.03	3.06	66.34	---	---
11AC20SISO	Ant1	5180	1.89	2.91	64.95	---	---
11AC20SISO	Ant1	5200	1.89	2.91	64.95	---	---
11AC20SISO	Ant1	5240	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5260	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5280	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5320	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5500	1.89	2.92	64.73	---	---
11AC20SISO	Ant1	5580	1.91	2.92	65.41	---	---
11AC20SISO	Ant1	5700	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5745	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5785	1.90	2.92	65.07	---	---
11AC20SISO	Ant1	5825	1.89	2.91	64.95	---	---
11AC40SISO	Ant1	5190	0.93	1.95	47.69	---	---
11AC40SISO	Ant1	5230	0.93	1.95	47.69	---	---
11AC40SISO	Ant1	5270	0.94	1.96	47.96	---	---
11AC40SISO	Ant1	5310	0.93	1.95	47.69	---	---
11AC40SISO	Ant1	5510	0.94	1.96	47.96	---	---
11AC40SISO	Ant1	5550	0.93	1.95	47.69	---	---
11AC40SISO	Ant1	5670	0.94	1.96	47.96	---	---
11AC40SISO	Ant1	5755	0.93	1.95	47.69	---	---
11AC40SISO	Ant1	5795	0.93	1.95	47.69	---	---
11AX20SISO	Ant1	5180	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5200	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5240	1.45	2.47	58.70	---	---
11AX20SISO	Ant1	5260	1.46	2.47	59.11	---	---



11AX20SISO	Ant1	5280	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5320	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5500	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5580	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5700	1.46	2.48	58.87	---	---
11AX20SISO	Ant1	5745	1.45	2.48	58.47	---	---
11AX20SISO	Ant1	5785	1.45	2.47	58.70	---	---
11AX20SISO	Ant1	5825	1.45	2.48	58.47	---	---
11AX40SISO	Ant1	5190	0.76	1.77	42.94	---	---
11AX40SISO	Ant1	5230	0.76	1.77	42.94	---	---
11AX40SISO	Ant1	5270	0.76	1.78	42.70	---	---
11AX40SISO	Ant1	5310	0.76	1.79	42.46	---	---
11AX40SISO	Ant1	5510	0.76	1.78	42.70	---	---
11AX40SISO	Ant1	5550	0.76	1.79	42.46	---	---
11AX40SISO	Ant1	5670	0.76	1.78	42.70	---	---
11AX40SISO	Ant1	5755	0.76	1.78	42.70	---	---
11AX40SISO	Ant1	5795	0.76	1.78	42.70	---	---

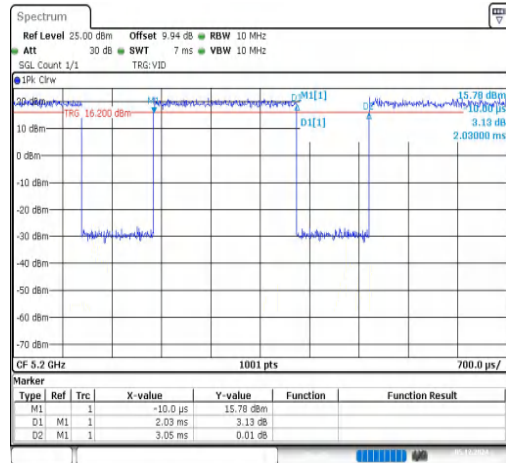


Test Graphs



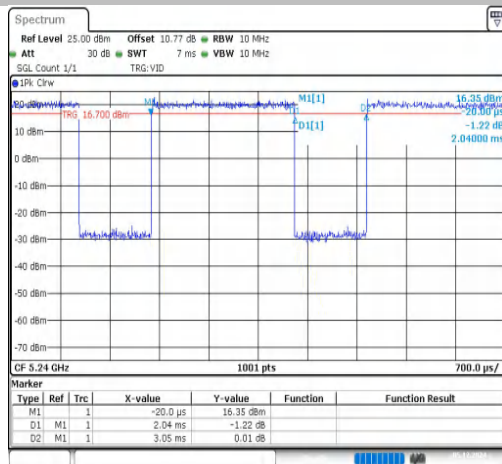
Date: 5, DEC, 2024 09:13:32

NTNV-11A-Ant1-5180



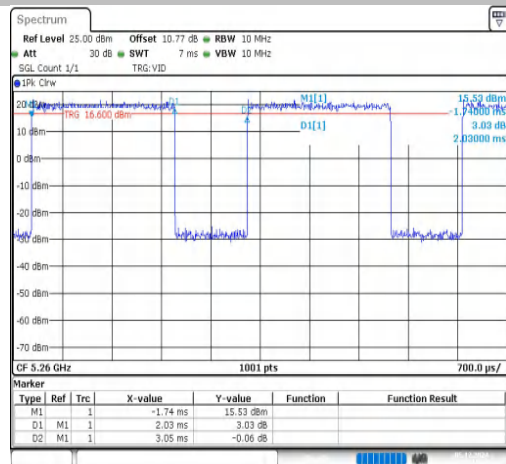
Date: 5, DEC, 2024 09:48:35

NTNV-11A-Ant1-5200



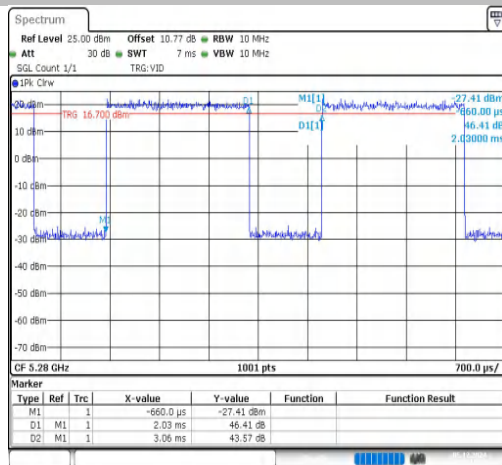
Date: 5, DEC, 2024 09:10:20

NTNV-11A-Ant1-5240



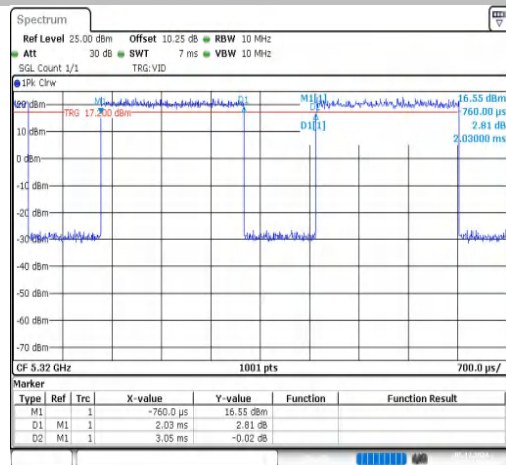
Date: 5, DEC, 2024 09:12:54

NTNV-11A-Ant1-5260



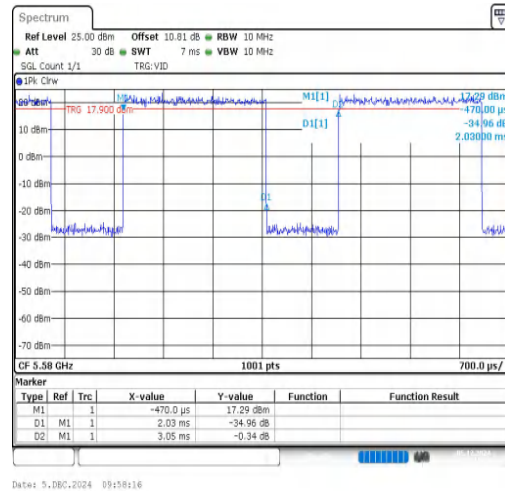
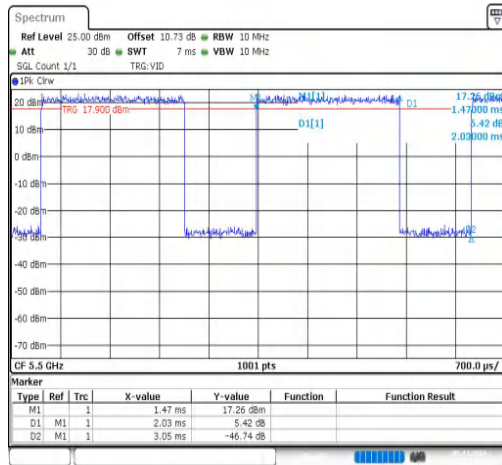
Date: 5, DEC, 2024 09:14:24

NTNV-11A-Ant1-5280



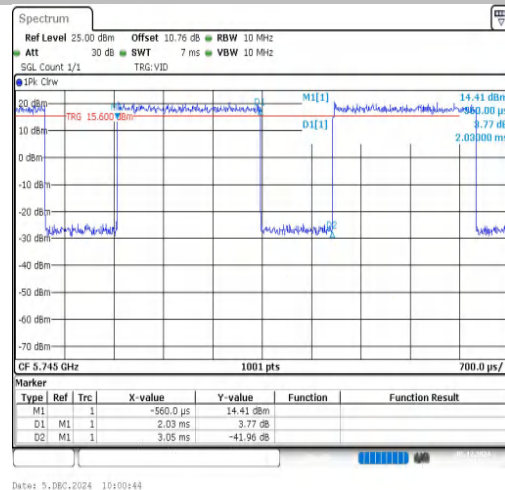
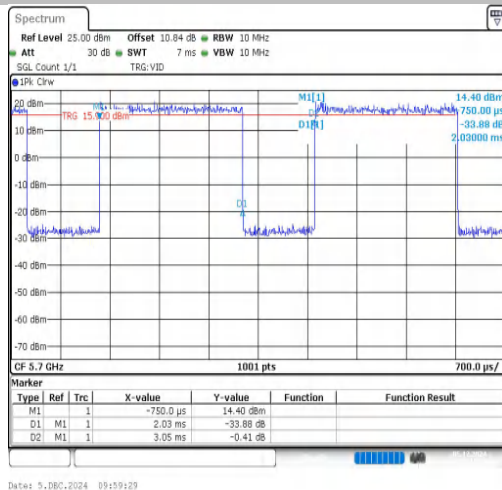
Date: 5, DEC, 2024 09:15:49

NTNV-11A-Ant1-5320



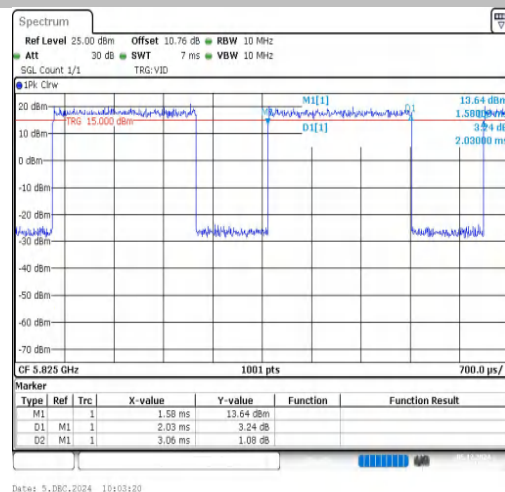
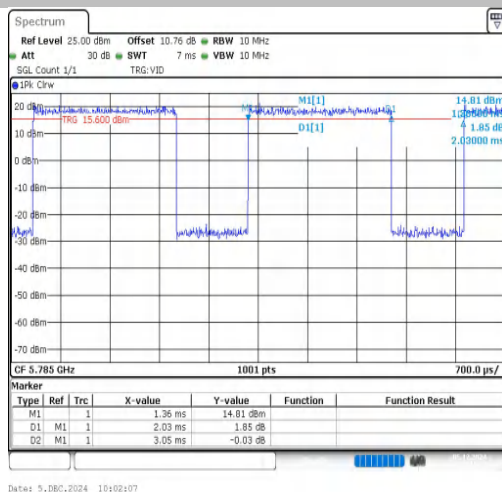
NTNV-11A-Ant1-5500

NTNV-11A-Ant1-5580



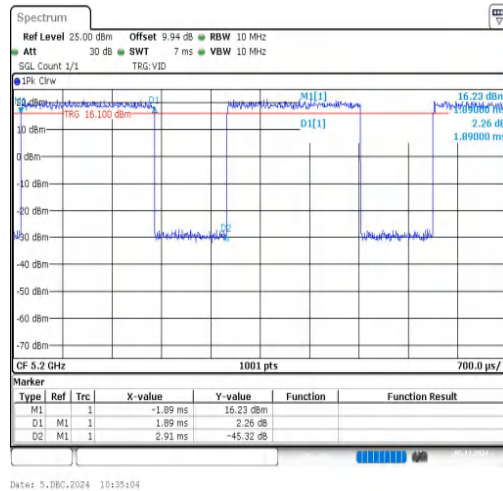
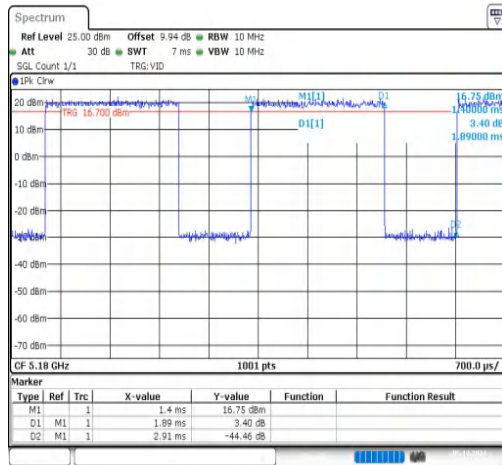
NTNV-11A-Ant1-5700

NTNV-11A-Ant1-5745



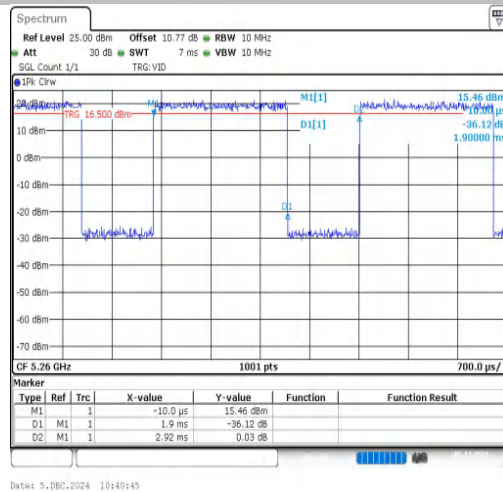
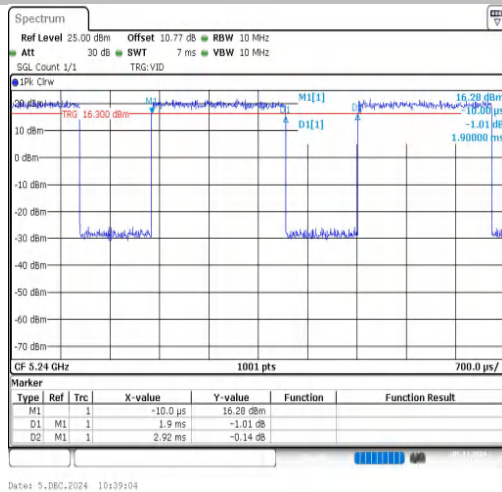
NTNV-11A-Ant1-5785

NTNV-11A-Ant1-5825



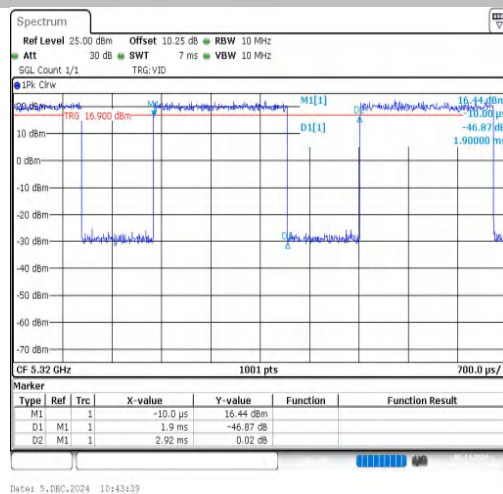
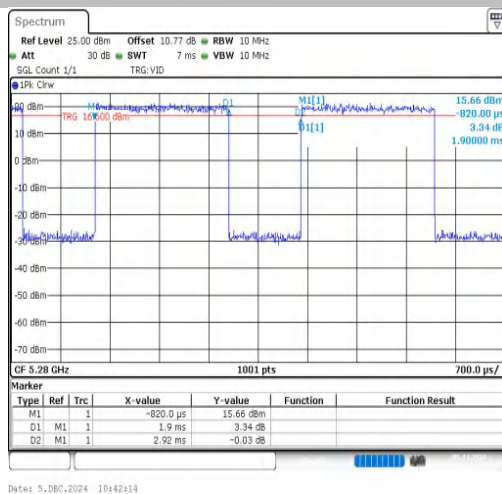
NTNV-11AC20SISO-Ant1-5180

NTNV-11AC20SISO-Ant1-5200



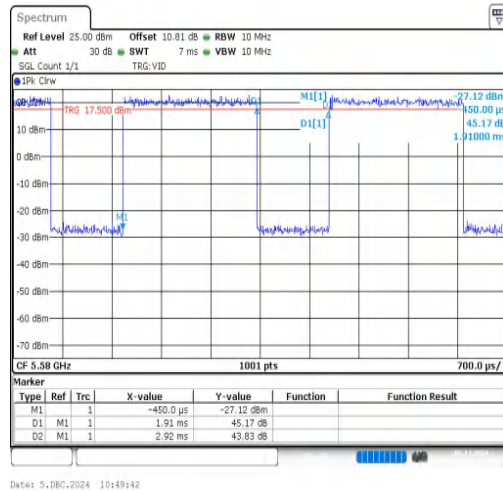
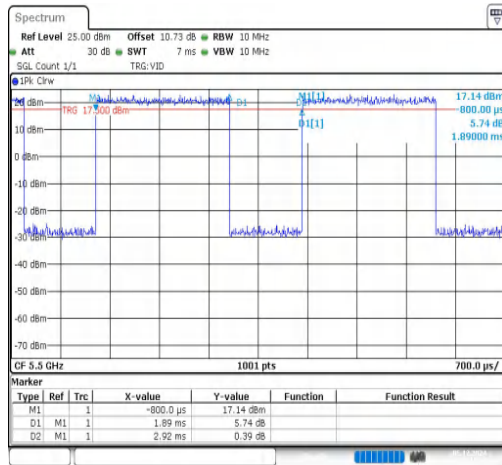
NTNV-11AC20SISO-Ant1-5240

NTNV-11AC20SISO-Ant1-5260



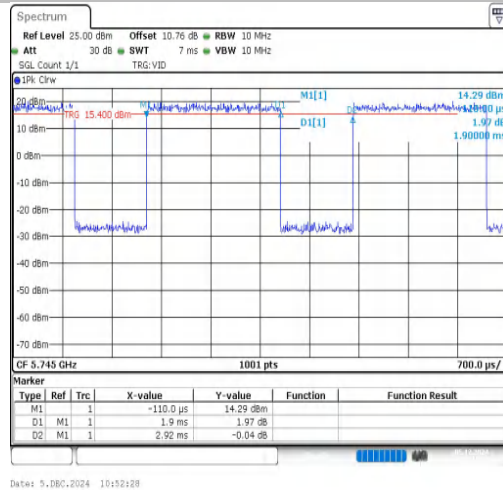
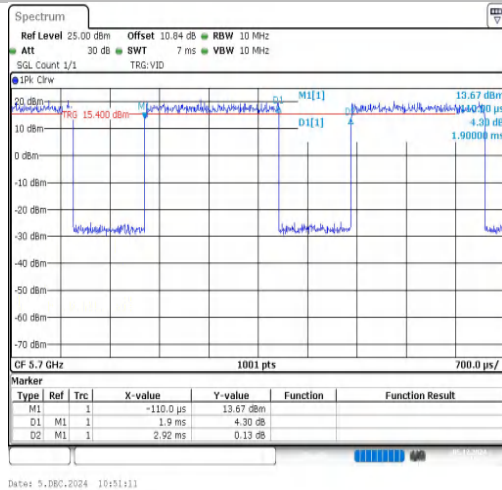
NTNV-11AC20SISO-Ant1-5280

NTNV-11AC20SISO-Ant1-5320



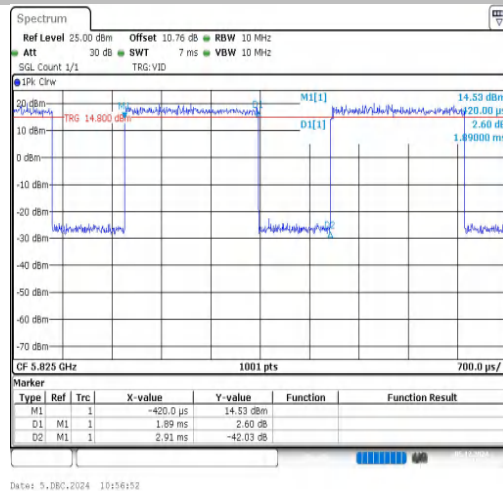
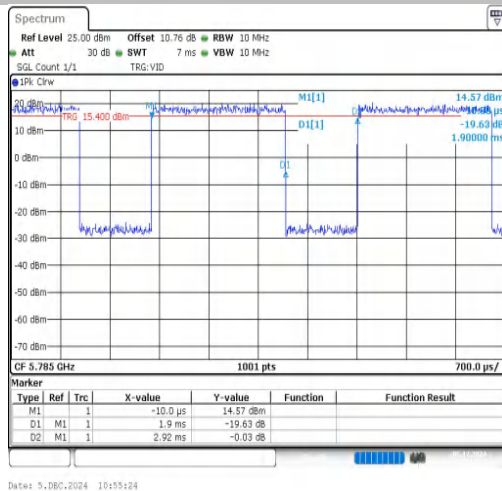
NTNV-11AC20SISO-Ant1-5500

NTNV-11AC20SISO-Ant1-5580



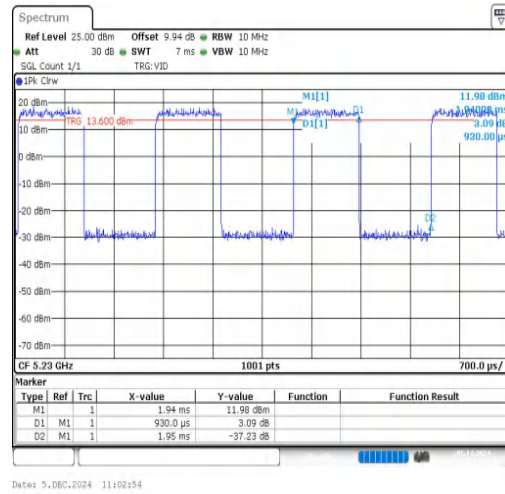
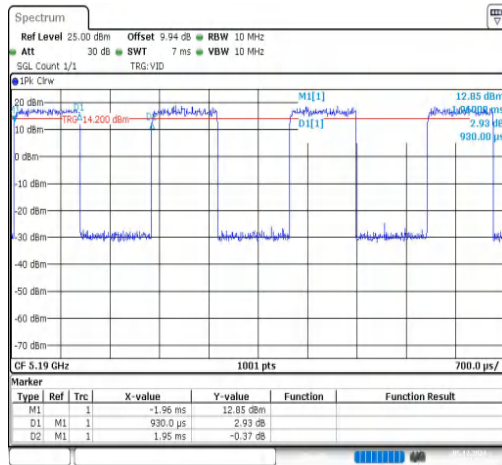
NTNV-11AC20SISO-Ant1-5700

NTNV-11AC20SISO-Ant1-5745



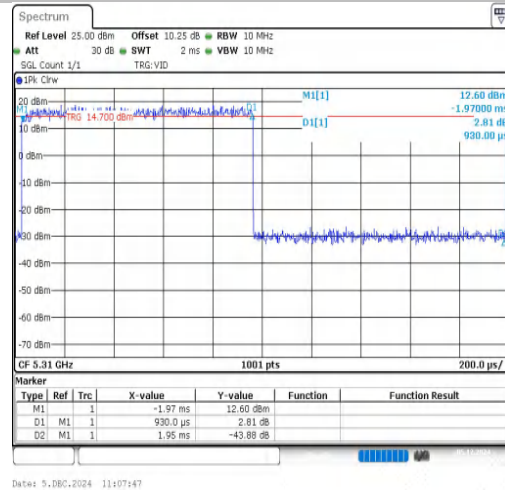
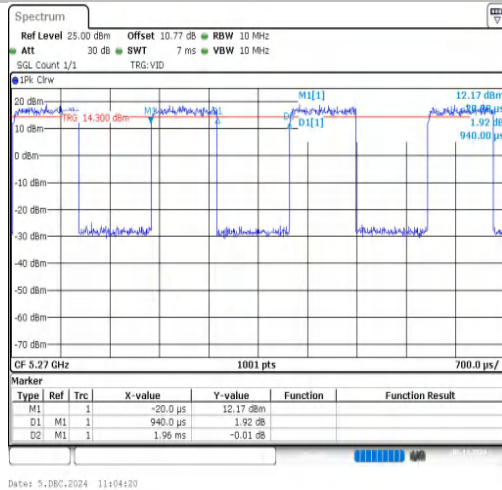
NTNV-11AC20SISO-Ant1-5785

NTNV-11AC20SISO-Ant1-5825



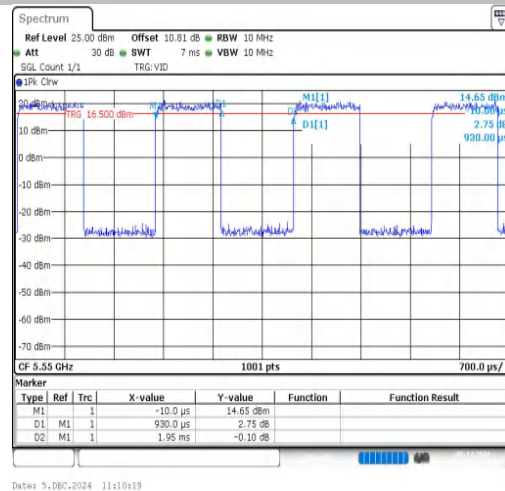
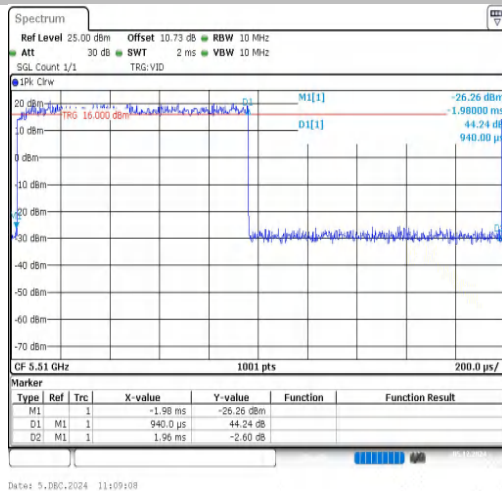
NTNV-11AC40SISO-Ant1-5190

NTNV-11AC40SISO-Ant1-5230



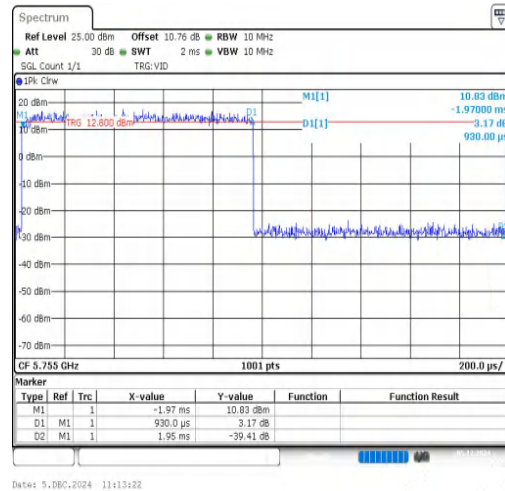
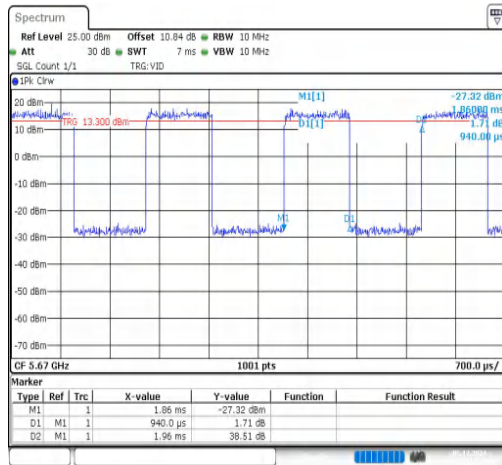
NTNV-11AC40SISO-Ant1-5270

NTNV-11AC40SISO-Ant1-5310



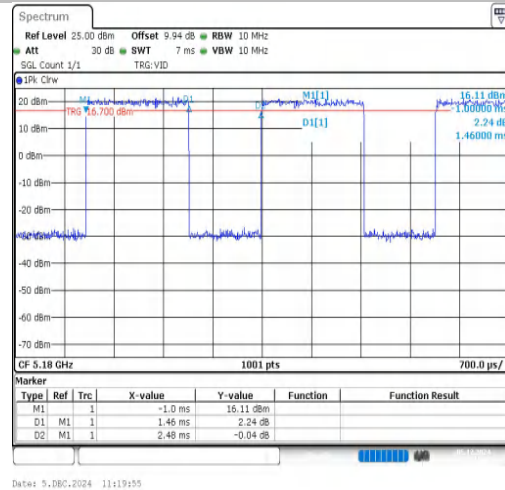
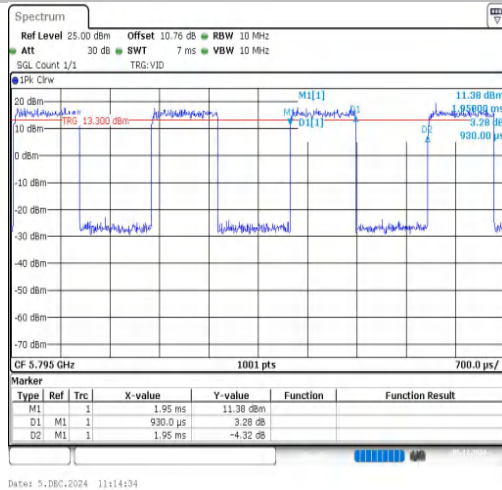
NTNV-11AC40SISO-Ant1-5510

NTNV-11AC40SISO-Ant1-5550



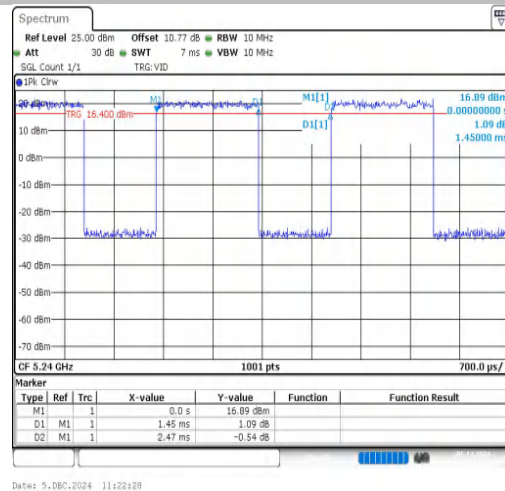
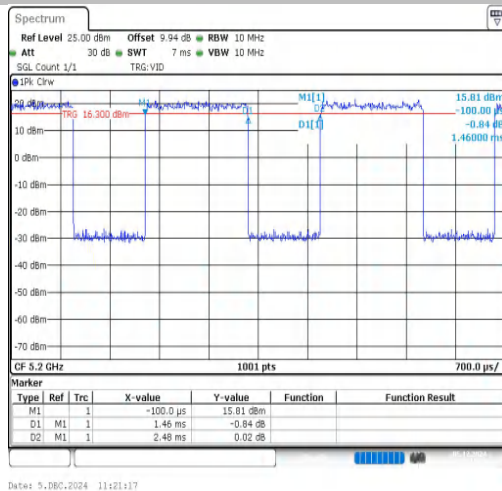
NTNV-11AC40SISO-Ant1-5670

NTNV-11AC40SISO-Ant1-5755



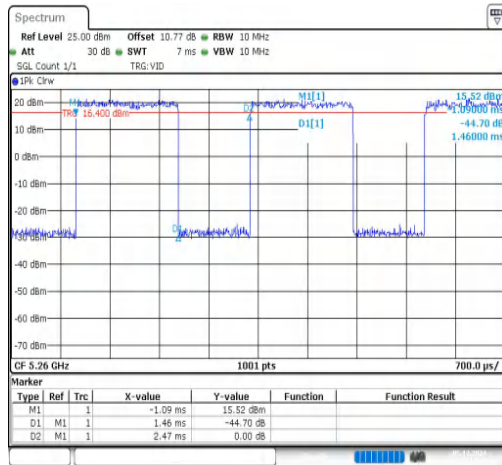
NTNV-11AC40SISO-Ant1-5795

NTNV-11AX20SISO-Ant1-5180

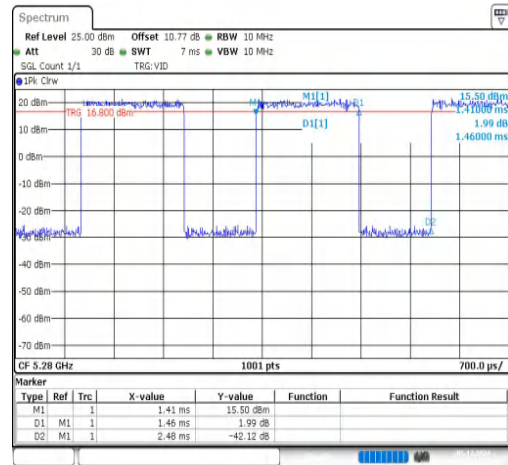


NTNV-11AX20SISO-Ant1-5200

NTNV-11AX20SISO-Ant1-5240



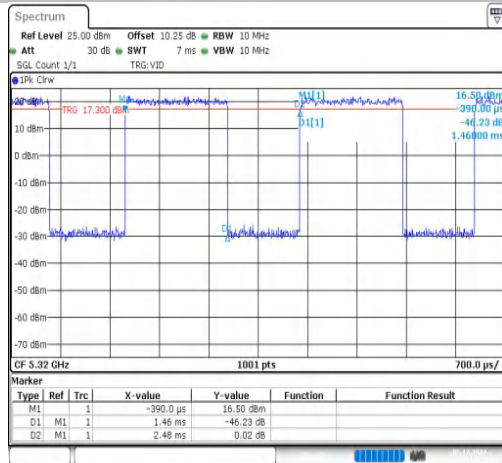
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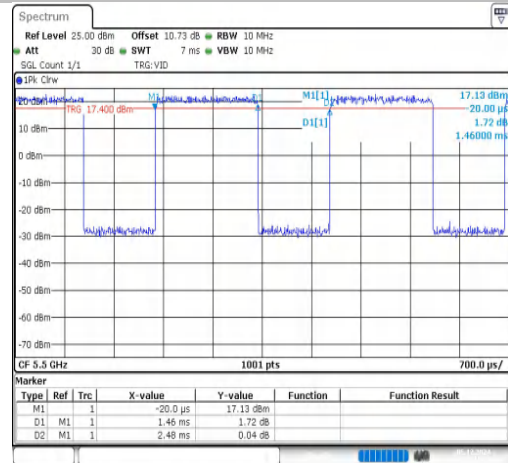
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NTNV-11AX20SISO-Ant1-5260

NTNV-11AX20SISO-Ant1-5280



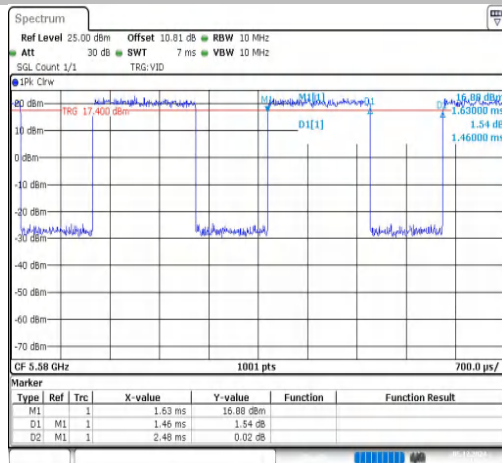
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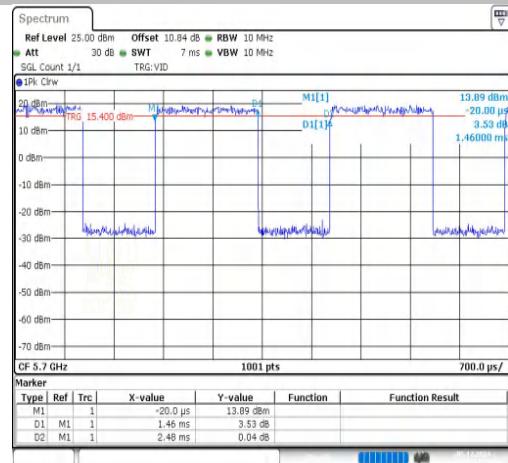
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NTNV-11AX20SISO-Ant1-5320

NTNV-11AX20SISO-Ant1-5500



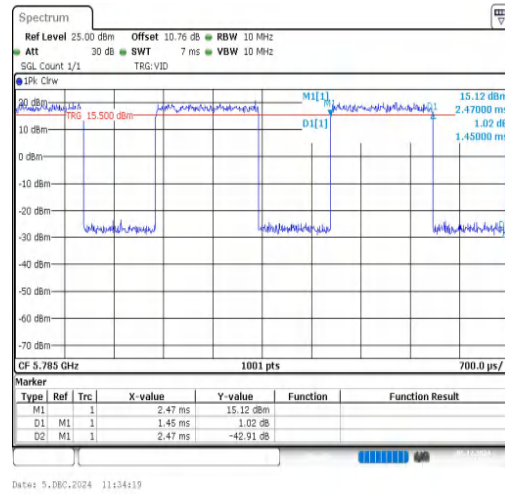
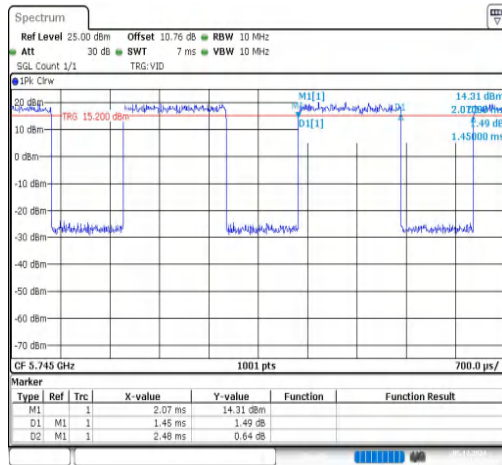
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Date: 5, DEC, 2024 11:31:39

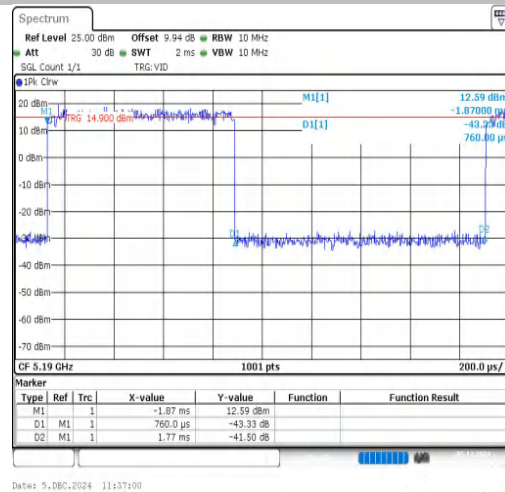
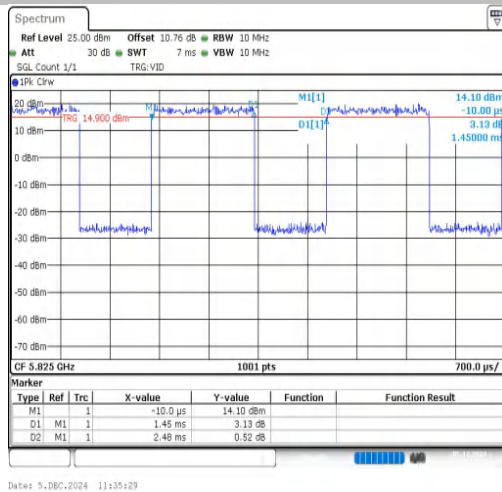
NTNV-11AX20SISO-Ant1-5580

NTNV-11AX20SISO-Ant1-5700



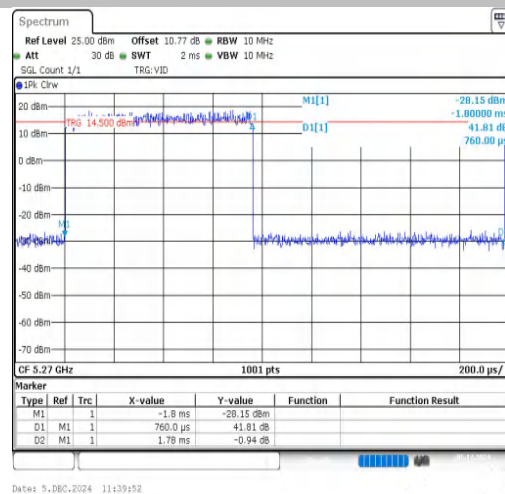
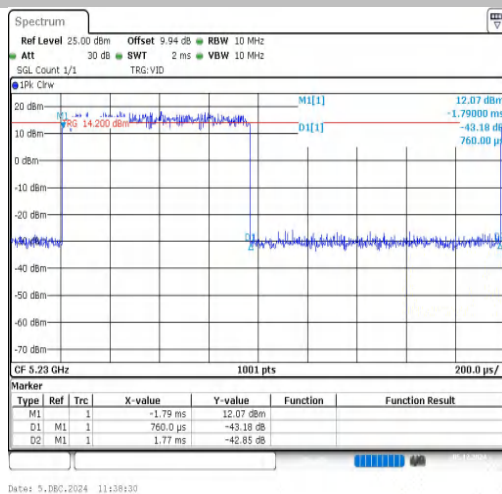
NTNV-11AX20SISO-Ant1-5745

NTNV-11AX20SISO-Ant1-5785



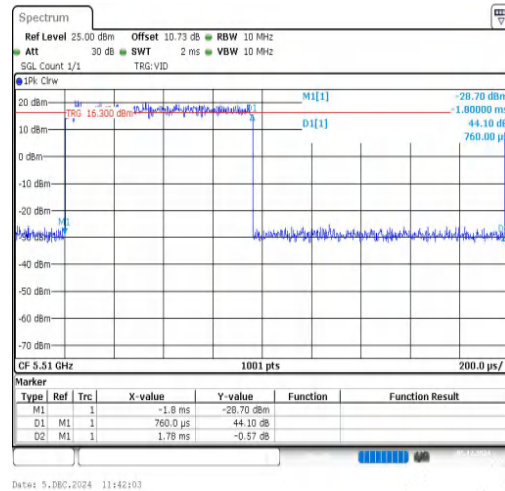
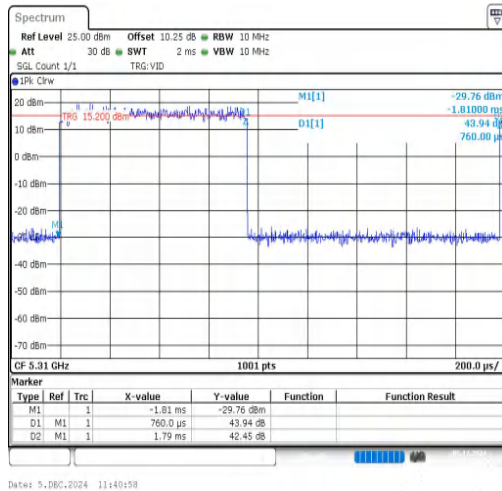
NTNV-11AX20SISO-Ant1-5825

NTNV-11AX40SISO-Ant1-5190



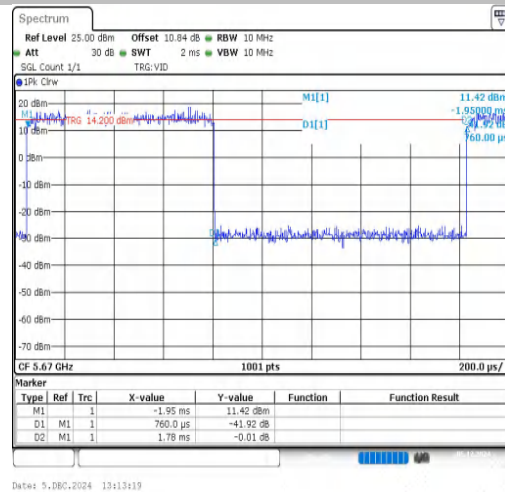
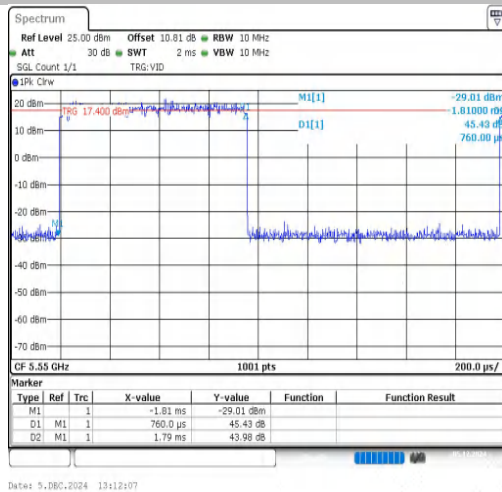
NTNV-11AX40SISO-Ant1-5230

NTNV-11AX40SISO-Ant1-5270



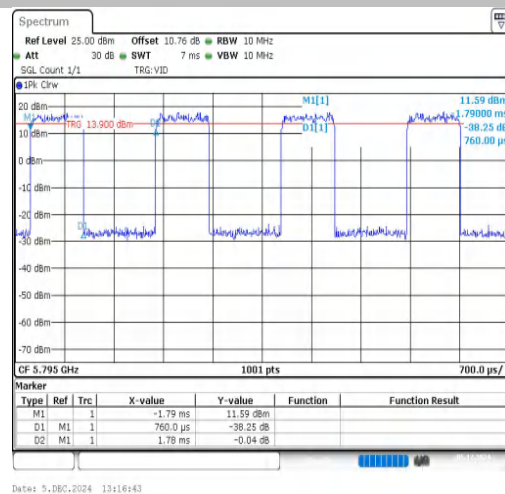
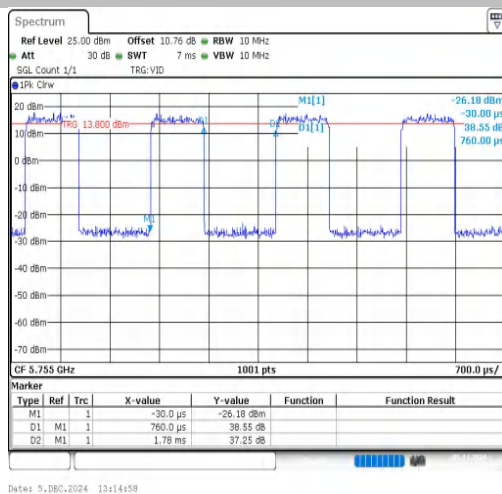
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NTNV-11AX40SISO-Ant1-5510



NTNV-11AX40SISO-Ant1-5550

NTNV-11AX40SISO-Ant1-5670



NTNV-11AX40SISO-Ant1-5755

NTNV-11AX40SISO-Ant1-5795



Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	13.62	1.76	15.38	≤23.98	0.00	15.38	---	PASS
11A	Ant1	5200	13.36	1.77	15.13	≤23.98	0.00	15.13	---	PASS
11A	Ant1	5240	13.91	1.75	15.66	≤23.98	0.00	15.66	---	PASS
11A	Ant1	5260	13.14	1.77	14.91	≤23.98	0.00	14.91	---	PASS
11A	Ant1	5280	13.34	1.78	15.12	≤23.98	0.00	15.12	---	PASS
11A	Ant1	5320	14.03	1.77	15.80	≤23.98	0.00	15.80	---	PASS
11A	Ant1	5500	14.86	1.77	16.63	≤23.98	0.00	16.63	---	PASS
11A	Ant1	5580	14.43	1.77	16.20	≤23.98	0.00	16.20	---	PASS
11A	Ant1	5700	11.52	1.77	13.29	≤23.98	0.00	13.29	---	PASS
11A	Ant1	5745	11.91	1.77	13.68	≤30.00	0.00	13.68	---	PASS
11A	Ant1	5785	12.19	1.77	13.96	≤30.00	0.00	13.96	---	PASS
11A	Ant1	5825	11.67	1.78	13.45	≤30.00	0.00	13.45	---	PASS
11AC20SISO	Ant1	5180	13.51	1.87	15.38	≤23.98	0.00	15.38	---	PASS
11AC20SISO	Ant1	5200	13.18	1.87	15.05	≤23.98	0.00	15.05	---	PASS
11AC20SISO	Ant1	5240	13.69	1.87	15.56	≤23.98	0.00	15.56	---	PASS
11AC20SISO	Ant1	5260	12.96	1.87	14.83	≤23.98	0.00	14.83	---	PASS
11AC20SISO	Ant1	5280	13.16	1.87	15.03	≤23.98	0.00	15.03	---	PASS
11AC20SISO	Ant1	5320	13.82	1.87	15.69	≤23.98	0.00	15.69	---	PASS
11AC20SISO	Ant1	5500	14.61	1.89	16.50	≤23.98	0.00	16.50	---	PASS
11AC20SISO	Ant1	5580	14.19	1.84	16.03	≤23.98	0.00	16.03	---	PASS
11AC20SISO	Ant1	5700	11.28	1.87	13.15	≤23.98	0.00	13.15	---	PASS
11AC20SISO	Ant1	5745	11.66	1.87	13.53	≤30.00	0.00	13.53	---	PASS
11AC20SISO	Ant1	5785	11.89	1.87	13.76	≤30.00	0.00	13.76	---	PASS
11AC20SISO	Ant1	5825	11.45	1.87	13.32	≤30.00	0.00	13.32	---	PASS
11AC40SISO	Ant1	5190	12.07	3.22	15.29	≤23.98	0.00	15.29	---	PASS
11AC40SISO	Ant1	5230	11.76	3.22	14.98	≤23.98	0.00	14.98	---	PASS
11AC40SISO	Ant1	5270	11.86	3.19	15.05	≤23.98	0.00	15.05	---	PASS
11AC40SISO	Ant1	5310	12.32	3.22	15.54	≤23.98	0.00	15.54	---	PASS
11AC40SISO	Ant1	5510	13.68	3.19	16.87	≤23.98	0.00	16.87	---	PASS
11AC40SISO	Ant1	5550	14.27	3.22	17.49	≤23.98	0.00	17.49	---	PASS
11AC40SISO	Ant1	5670	10.69	3.19	13.88	≤23.98	0.00	13.88	---	PASS
11AC40SISO	Ant1	5755	10.49	3.22	13.71	≤30.00	0.00	13.71	---	PASS
11AC40SISO	Ant1	5795	10.87	3.22	14.09	≤30.00	0.00	14.09	---	PASS
11AX20SISO	Ant1	5180	13.05	2.30	15.35	≤23.98	0.00	15.35	---	PASS
11AX20SISO	Ant1	5200	12.82	2.30	15.12	≤23.98	0.00	15.12	---	PASS
11AX20SISO	Ant1	5240	13.37	2.31	15.68	≤23.98	0.00	15.68	---	PASS



11AX20SISO	Ant1	5260	12.60	2.28	14.88	≤23.98	0.00	14.88	---	PASS
11AX20SISO	Ant1	5280	12.81	2.30	15.11	≤23.98	0.00	15.11	---	PASS
11AX20SISO	Ant1	5320	13.44	2.30	15.74	≤23.98	0.00	15.74	---	PASS
11AX20SISO	Ant1	5500	14.23	2.30	16.53	≤23.98	0.00	16.53	---	PASS
11AX20SISO	Ant1	5580	13.87	2.30	16.17	≤23.98	0.00	16.17	---	PASS
11AX20SISO	Ant1	5700	10.94	2.30	13.24	≤23.98	0.00	13.24	---	PASS
11AX20SISO	Ant1	5745	11.30	2.33	13.63	≤30.00	0.00	13.63	---	PASS
11AX20SISO	Ant1	5785	11.54	2.31	13.85	≤30.00	0.00	13.85	---	PASS
11AX20SISO	Ant1	5825	11.08	2.33	13.41	≤30.00	0.00	13.41	---	PASS
11AX40SISO	Ant1	5190	11.69	3.67	15.36	≤23.98	0.00	15.36	---	PASS
11AX40SISO	Ant1	5230	11.40	3.67	15.07	≤23.98	0.00	15.07	---	PASS
11AX40SISO	Ant1	5270	11.47	3.70	15.17	≤23.98	0.00	15.17	---	PASS
11AX40SISO	Ant1	5310	11.90	3.72	15.62	≤23.98	0.00	15.62	---	PASS
11AX40SISO	Ant1	5510	13.29	3.70	16.99	≤23.98	0.00	16.99	---	PASS
11AX40SISO	Ant1	5550	14.10	3.72	17.82	≤23.98	0.00	17.82	---	PASS
11AX40SISO	Ant1	5670	10.47	3.70	14.17	≤23.98	0.00	14.17	---	PASS
11AX40SISO	Ant1	5755	10.20	3.70	13.90	≤30.00	0.00	13.90	---	PASS
11AX40SISO	Ant1	5795	10.57	3.70	14.27	≤30.00	0.00	14.27	---	PASS



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Freq (MHz)	PSD Result [dBm]	PSD Limit [dBm]	Gain [dBi]	EIRP.PSD [dBm]	EIRP.PSD Limit[dBm]	Verdict
11A	Ant1	5180	4.85	≤11.00	0.00	4.85	--	PASS
11A	Ant1	5200	4.61	≤11.00	0.00	4.61	--	PASS
11A	Ant1	5240	5.40	≤11.00	0.00	5.40	--	PASS
11A	Ant1	5260	4.18	≤11.00	0.00	4.18	--	PASS
11A	Ant1	5280	4.08	≤11.00	0.00	4.08	--	PASS
11A	Ant1	5320	5.35	≤11.00	0.00	5.35	--	PASS
11A	Ant1	5500	5.63	≤11.00	0.00	5.63	--	PASS
11A	Ant1	5580	4.91	≤11.00	0.00	4.91	--	PASS
11A	Ant1	5700	2.27	≤11.00	0.00	2.27	--	PASS
11A	Ant1	5745	-0.17	≤30.00	0.00	-0.17	--	PASS
11A	Ant1	5785	-0.19	≤30.00	0.00	-0.19	--	PASS
11A	Ant1	5825	-0.65	≤30.00	0.00	-0.65	--	PASS
11AC20SISO	Ant1	5180	4.58	≤11.00	0.00	4.58	--	PASS
11AC20SISO	Ant1	5200	3.95	≤11.00	0.00	3.95	--	PASS
11AC20SISO	Ant1	5240	4.33	≤11.00	0.00	4.33	--	PASS
11AC20SISO	Ant1	5260	3.83	≤11.00	0.00	3.83	--	PASS
11AC20SISO	Ant1	5280	4.17	≤11.00	0.00	4.17	--	PASS
11AC20SISO	Ant1	5320	4.32	≤11.00	0.00	4.32	--	PASS
11AC20SISO	Ant1	5500	5.76	≤11.00	0.00	5.76	--	PASS
11AC20SISO	Ant1	5580	4.94	≤11.00	0.00	4.94	--	PASS
11AC20SISO	Ant1	5700	1.91	≤11.00	0.00	1.91	--	PASS
11AC20SISO	Ant1	5745	-0.65	≤30.00	0.00	-0.65	--	PASS
11AC20SISO	Ant1	5785	-0.54	≤30.00	0.00	-0.54	--	PASS
11AC20SISO	Ant1	5825	-0.98	≤30.00	0.00	-0.98	--	PASS
11AC40SISO	Ant1	5190	1.13	≤11.00	0.00	1.13	--	PASS
11AC40SISO	Ant1	5230	1.36	≤11.00	0.00	1.36	--	PASS
11AC40SISO	Ant1	5270	1.29	≤11.00	0.00	1.29	--	PASS
11AC40SISO	Ant1	5310	1.58	≤11.00	0.00	1.58	--	PASS
11AC40SISO	Ant1	5510	3.10	≤11.00	0.00	3.10	--	PASS
11AC40SISO	Ant1	5550	3.27	≤11.00	0.00	3.27	--	PASS
11AC40SISO	Ant1	5670	-0.11	≤11.00	0.00	-0.11	--	PASS
11AC40SISO	Ant1	5755	-2.99	≤30.00	0.00	-2.99	--	PASS
11AC40SISO	Ant1	5795	-3.23	≤30.00	0.00	-3.23	--	PASS
11AX20SISO	Ant1	5180	3.72	≤11.00	0.00	3.72	--	PASS
11AX20SISO	Ant1	5200	3.44	≤11.00	0.00	3.44	--	PASS
11AX20SISO	Ant1	5240	4.04	≤11.00	0.00	4.04	--	PASS



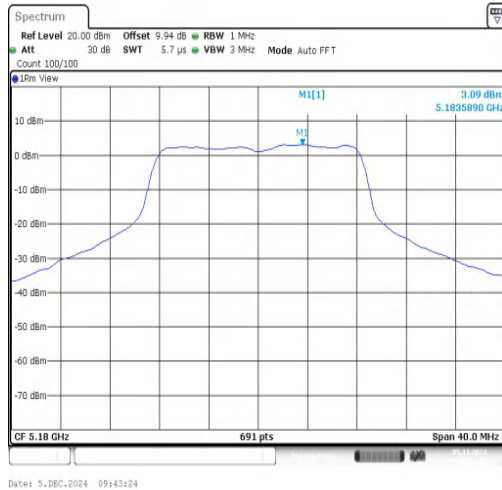
11AX20SISO	Ant1	5260	2.99	≤ 11.00	0.00	2.99	--	PASS
11AX20SISO	Ant1	5280	3.52	≤ 11.00	0.00	3.52	--	PASS
11AX20SISO	Ant1	5320	4.26	≤ 11.00	0.00	4.26	--	PASS
11AX20SISO	Ant1	5500	4.91	≤ 11.00	0.00	4.91	--	PASS
11AX20SISO	Ant1	5580	5.08	≤ 11.00	0.00	5.08	--	PASS
11AX20SISO	Ant1	5700	1.76	≤ 11.00	0.00	1.76	--	PASS
11AX20SISO	Ant1	5745	-0.75	≤ 30.00	0.00	-0.75	--	PASS
11AX20SISO	Ant1	5785	-0.55	≤ 30.00	0.00	-0.55	--	PASS
11AX20SISO	Ant1	5825	-0.85	≤ 30.00	0.00	-0.85	--	PASS
11AX40SISO	Ant1	5190	1.56	≤ 11.00	0.00	1.56	--	PASS
11AX40SISO	Ant1	5230	0.71	≤ 11.00	0.00	0.71	--	PASS
11AX40SISO	Ant1	5270	1.06	≤ 11.00	0.00	1.06	--	PASS
11AX40SISO	Ant1	5310	1.50	≤ 11.00	0.00	1.50	--	PASS
11AX40SISO	Ant1	5510	2.98	≤ 11.00	0.00	2.98	--	PASS
11AX40SISO	Ant1	5550	4.19	≤ 11.00	0.00	4.19	--	PASS
11AX40SISO	Ant1	5670	0.03	≤ 11.00	0.00	0.03	--	PASS
11AX40SISO	Ant1	5755	-3.11	≤ 30.00	0.00	-3.11	--	PASS
11AX40SISO	Ant1	5795	-2.94	≤ 30.00	0.00	-2.94	--	PASS

Note:

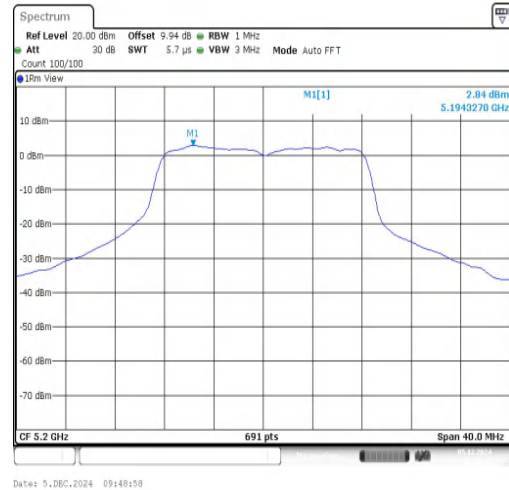
1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



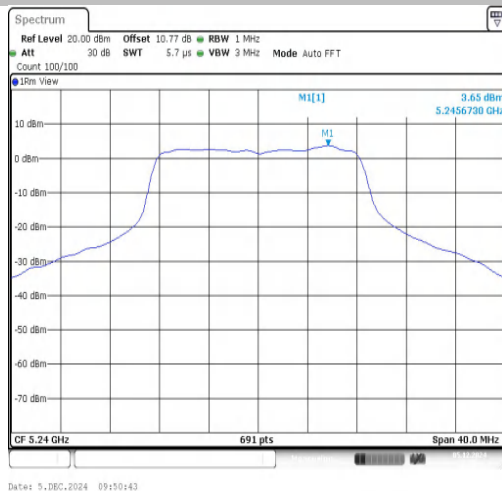
Test Graphs



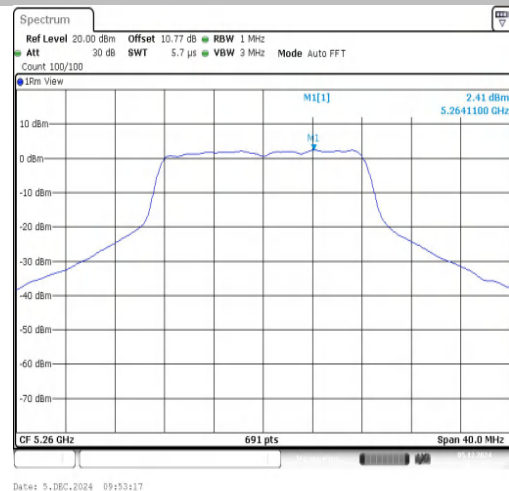
11A-Ant1-5180-PASS



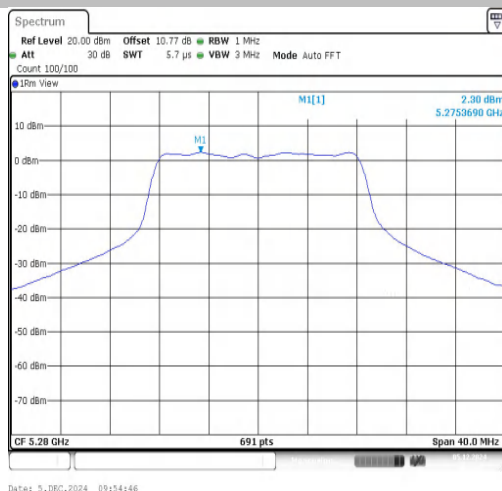
11A-Ant1-5200-PASS



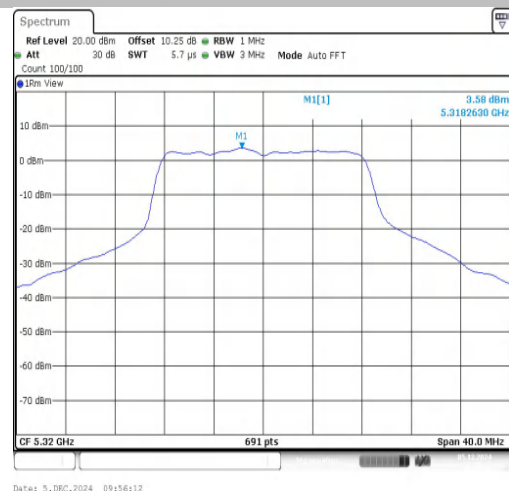
11A-Ant1-5240-PASS



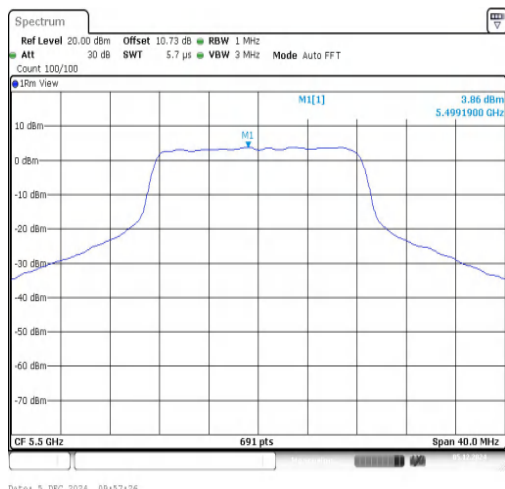
11A-Ant1-5260-PASS



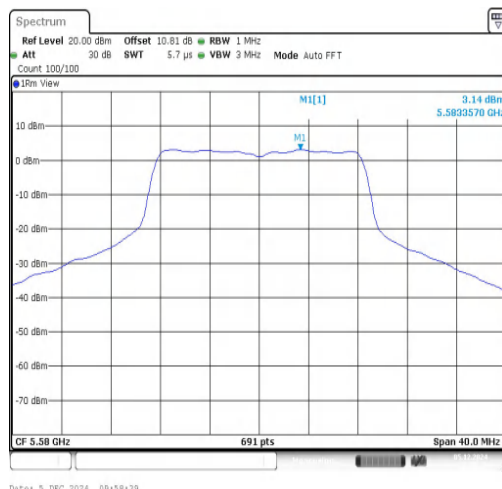
11A-Ant1-5280-PASS



11A-Ant1-5320-PASS



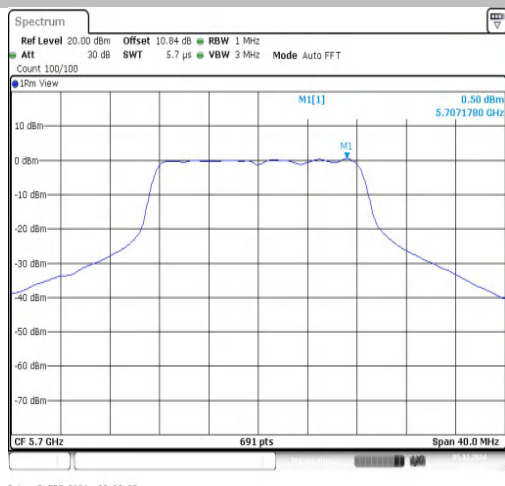
Date: 5, DEC, 2024 09:15:26



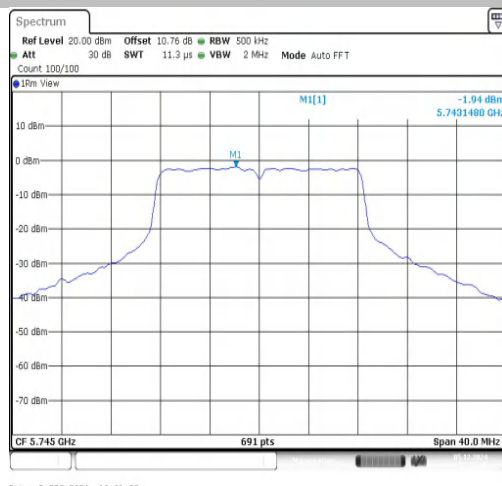
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11A-Ant1-5500-PASS

11A-Ant1-5580-PASS



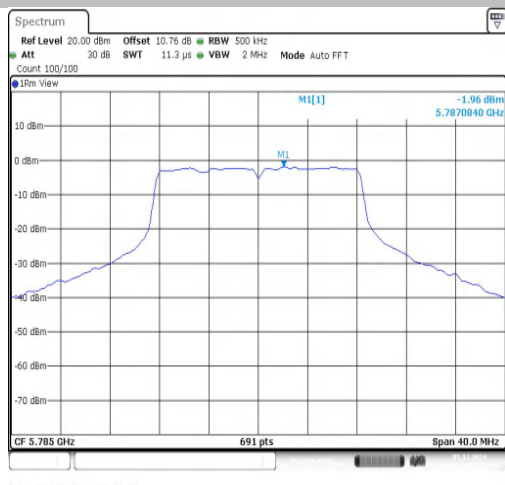
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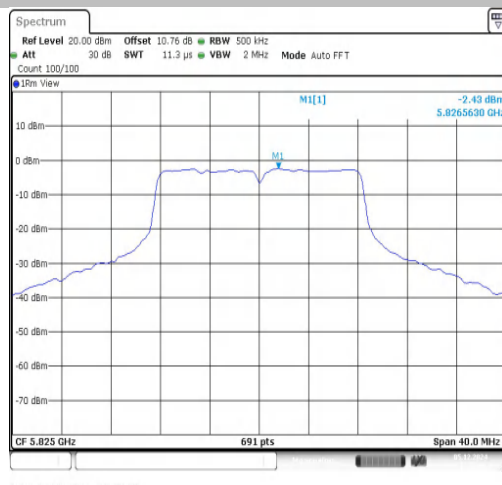
Date: 5, DEC, 2024 10:01:08

11A-Ant1-5700-PASS

11A-Ant1-5745-PASS



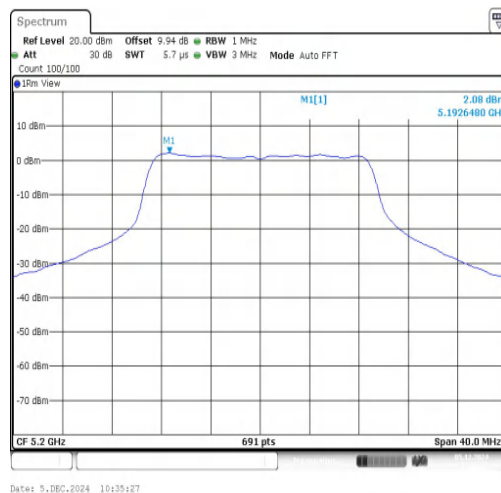
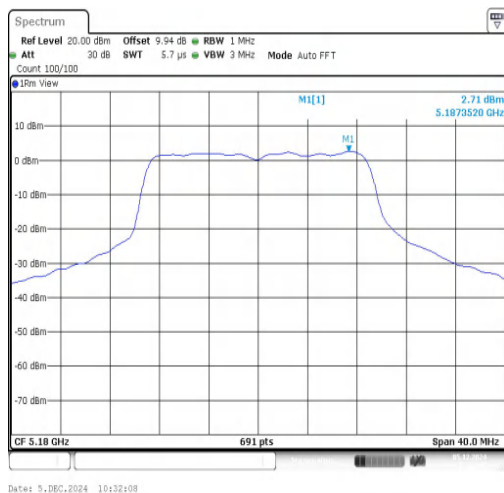
Date: 5, DEC, 2024 10:02:30



Date: 5, DEC, 2024 10:03:43

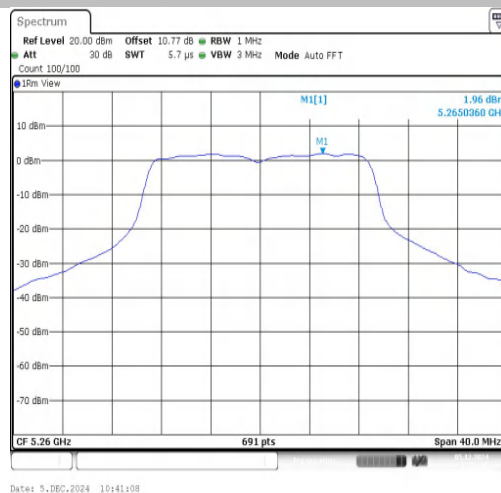
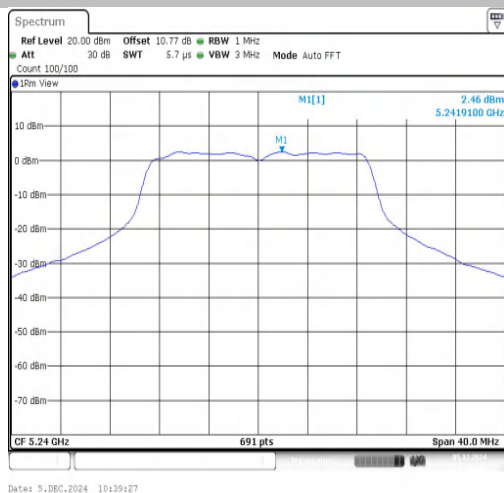
11A-Ant1-5785-PASS

11A-Ant1-5825-PASS



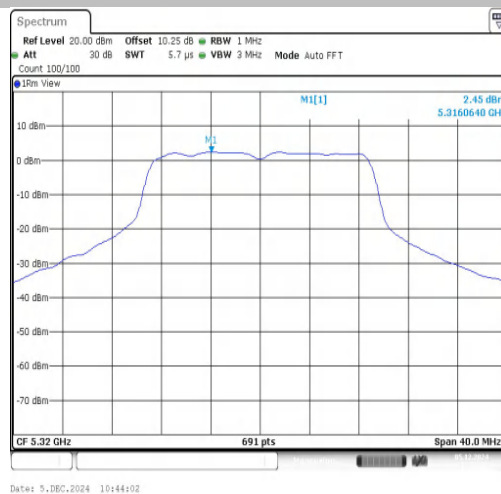
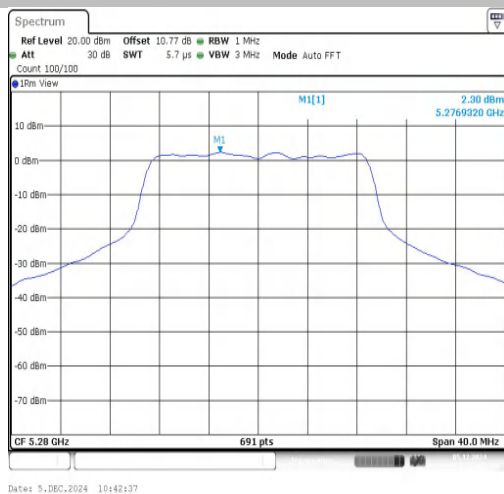
11AC20SISO-Ant1-5180-PASS

11AC20SISO-Ant1-5200-PASS



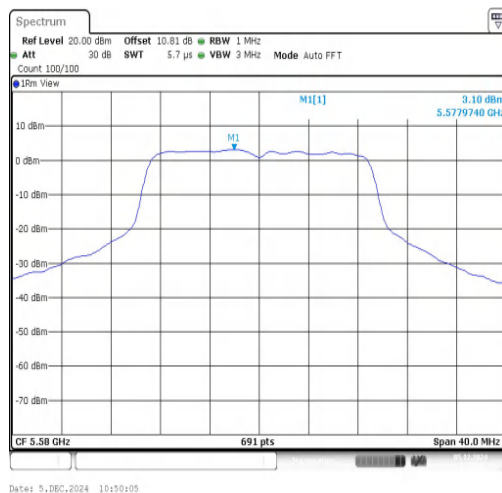
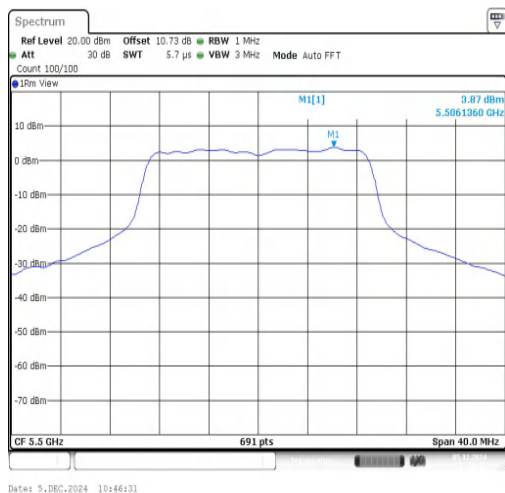
11AC20SISO-Ant1-5240-PASS

11AC20SISO-Ant1-5260-PASS



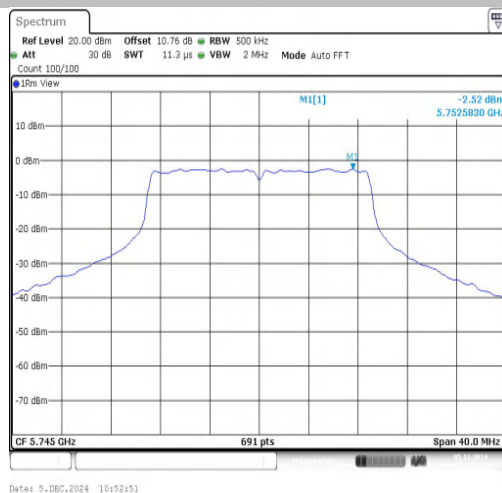
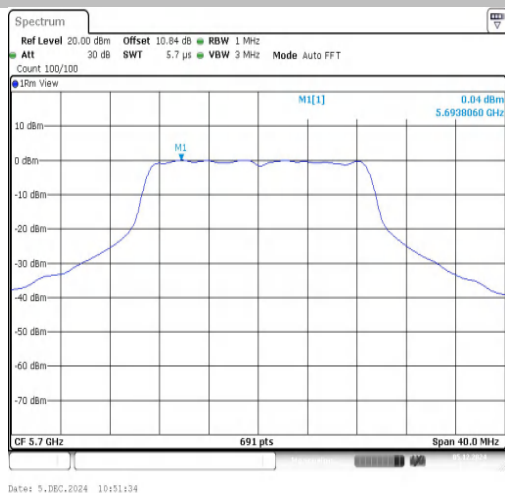
11AC20SISO-Ant1-5280-PASS

11AC20SISO-Ant1-5320-PASS



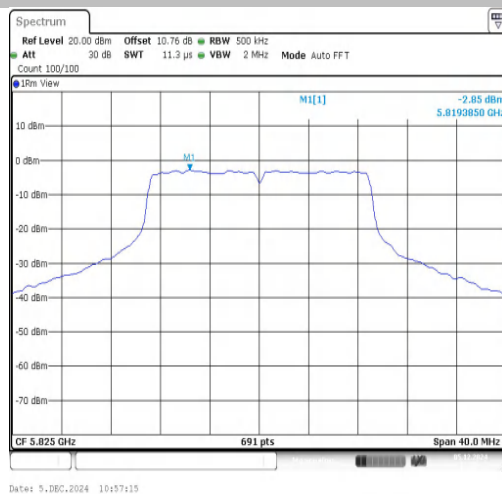
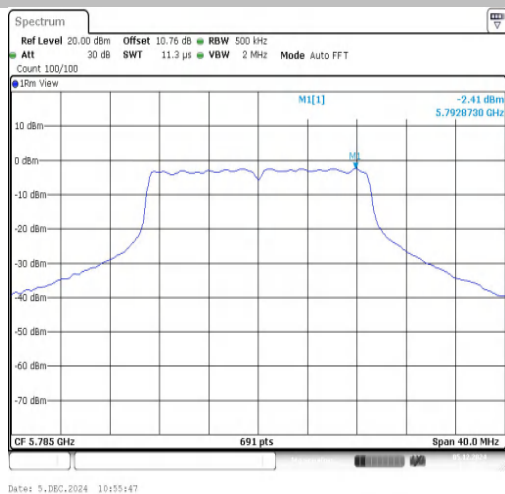
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11AC20SISO-Ant1-5580-PASS



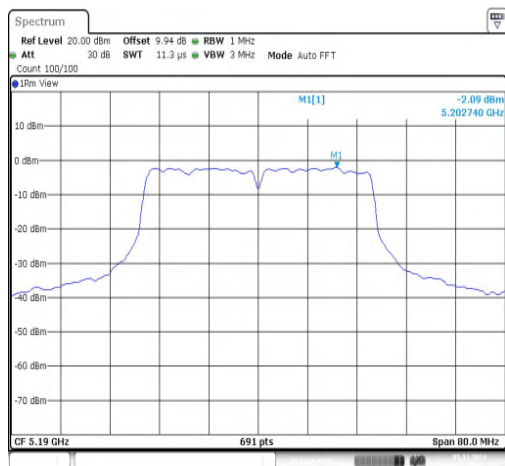
11AC20SISO-Ant1-5700-PASS

11AC20SISO-Ant1-5745-PASS

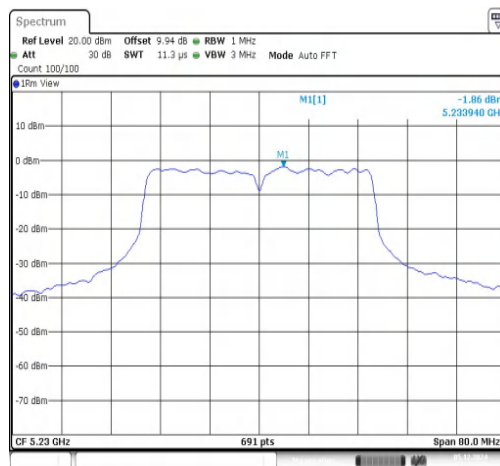


11AC20SISO-Ant1-5785-PASS

11AC20SISO-Ant1-5825-PASS



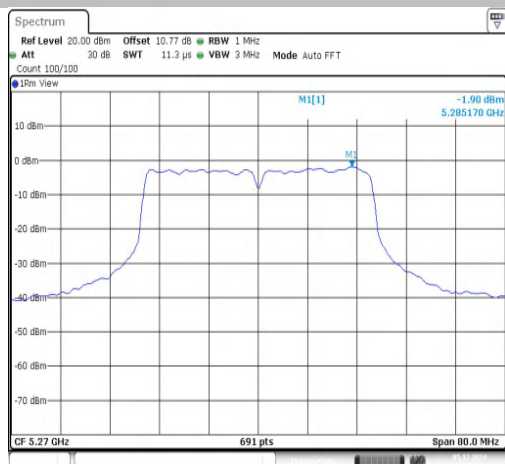
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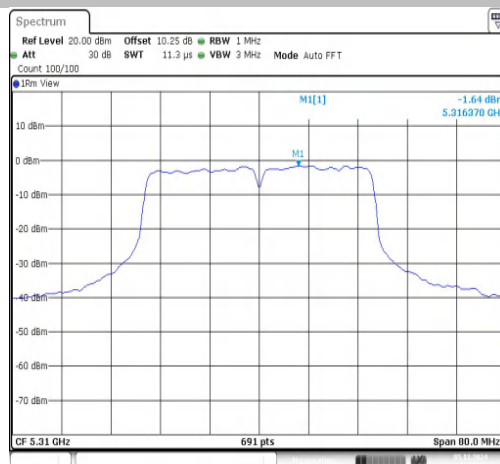
Date: 5, DEC, 2024 11:03:16

11AC40SISO-Ant1-5190-PASS

11AC40SISO-Ant1-5230-PASS



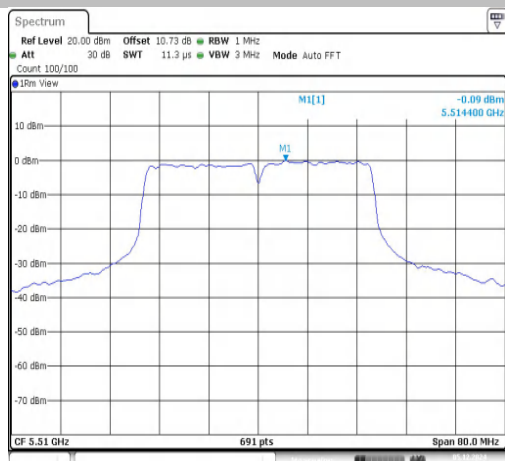
Date: 5, DEC, 2024 11:04:43



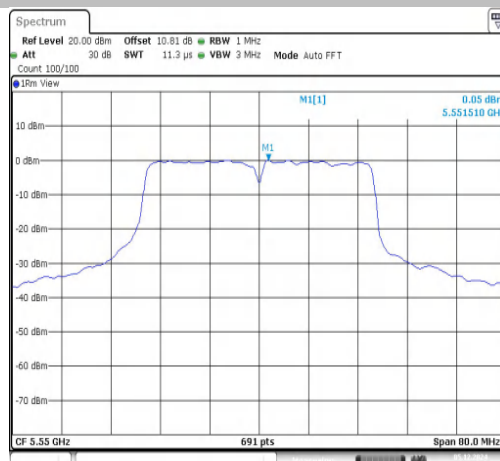
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11AC40SISO-Ant1-5270-PASS

11AC40SISO-Ant1-5310-PASS



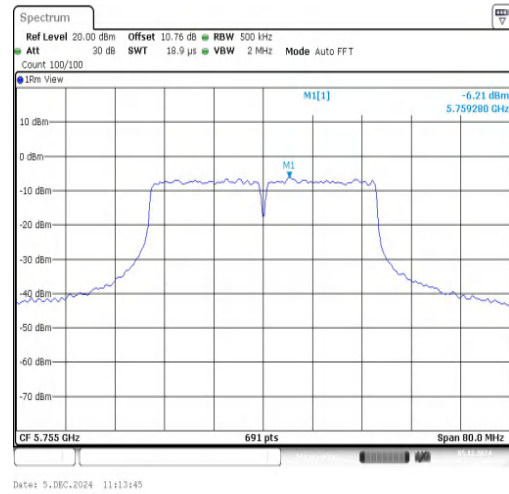
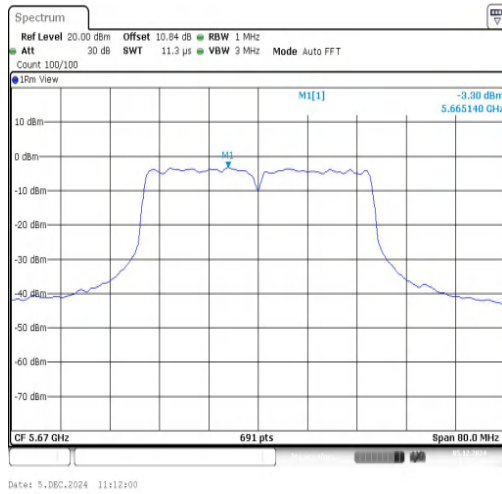
Date: 5, DEC, 2024 11:09:31



Date: 5, DEC, 2024 11:10:42

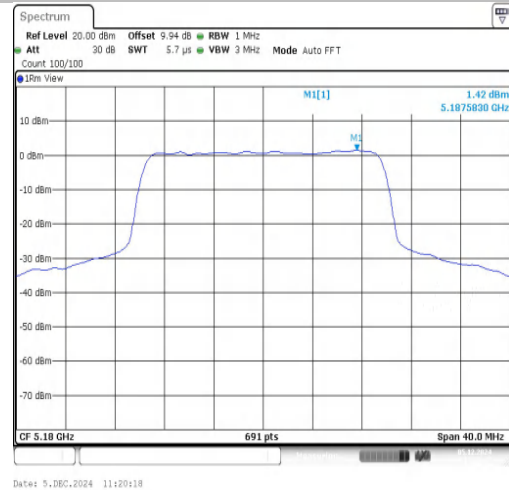
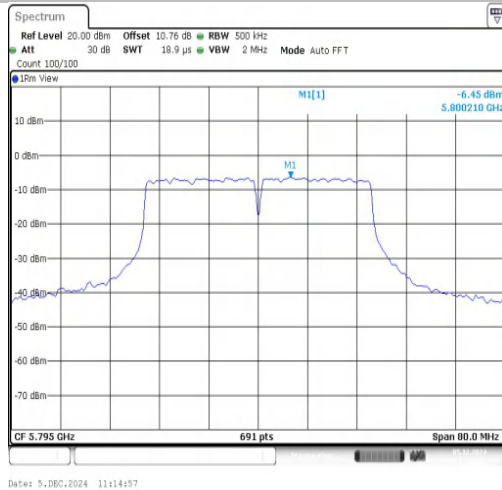
11AC40SISO-Ant1-5510-PASS

11AC40SISO-Ant1-5550-PASS



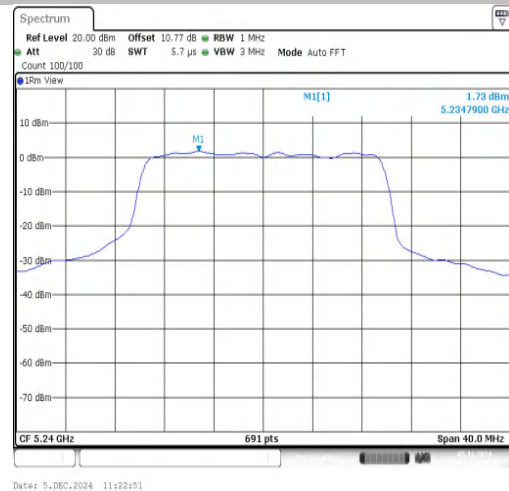
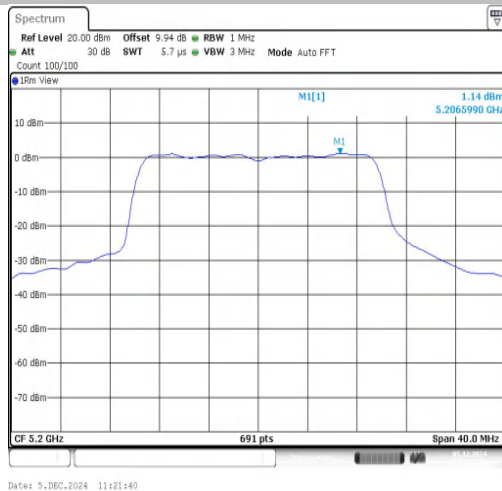
11AC40SISO-Ant1-5670-PASS

11AC40SISO-Ant1-5755-PASS



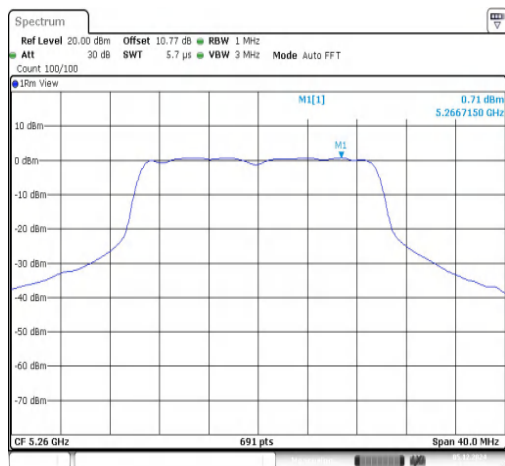
11AC40SISO-Ant1-5795-PASS

11AX20SISO-Ant1-5180-PASS

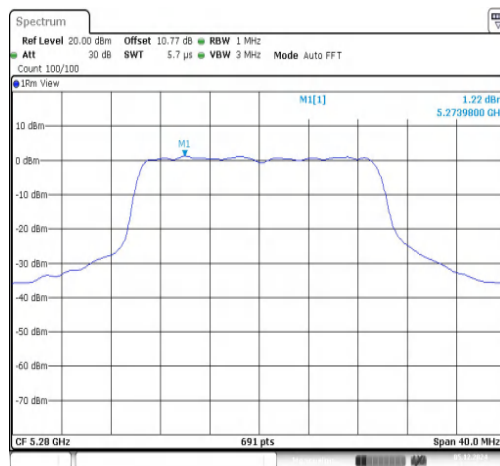


11AX20SISO-Ant1-5200-PASS

11AX20SISO-Ant1-5240-PASS



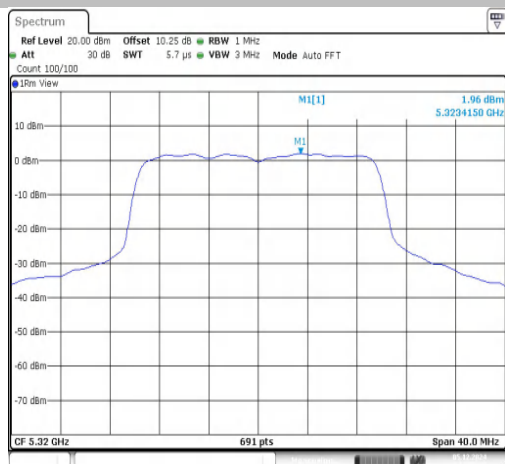
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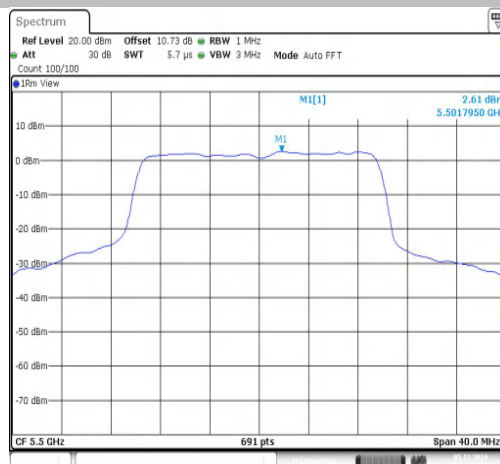
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11AX20SISO-Ant1-5260-PASS

11AX20SISO-Ant1-5280-PASS



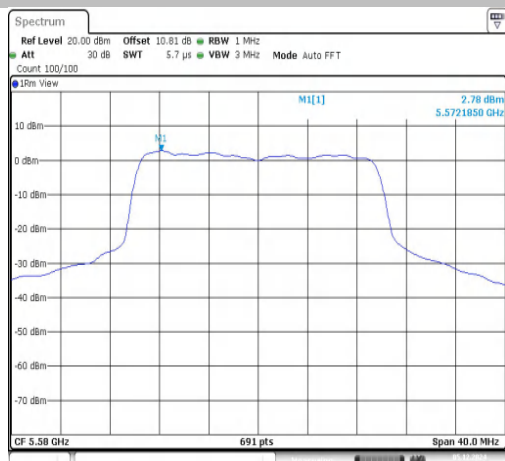
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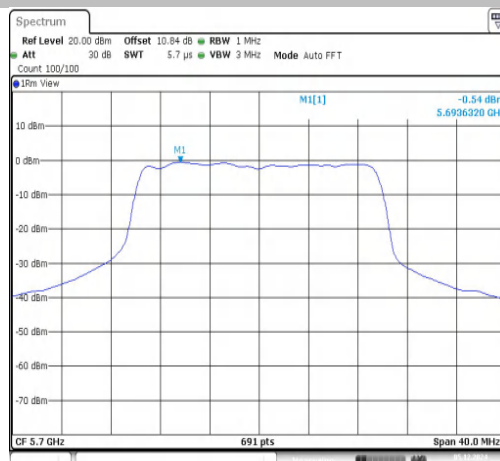
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11AX20SISO-Ant1-5320-PASS

11AX20SISO-Ant1-5500-PASS



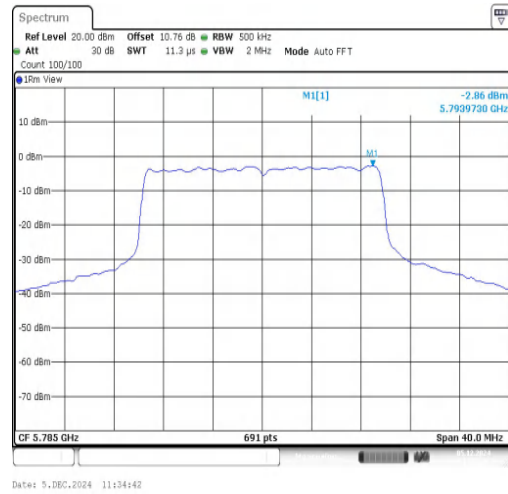
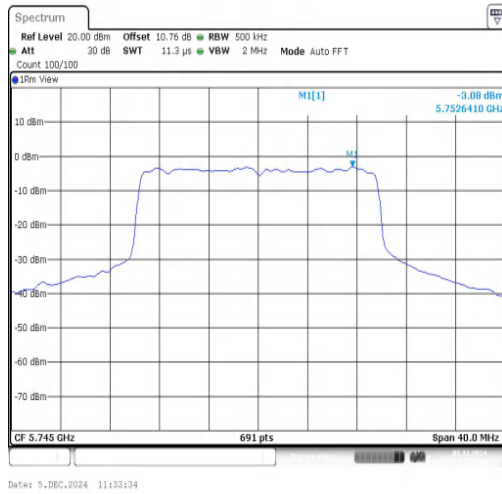
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Date: 5, DEC, 2024 11:32:02

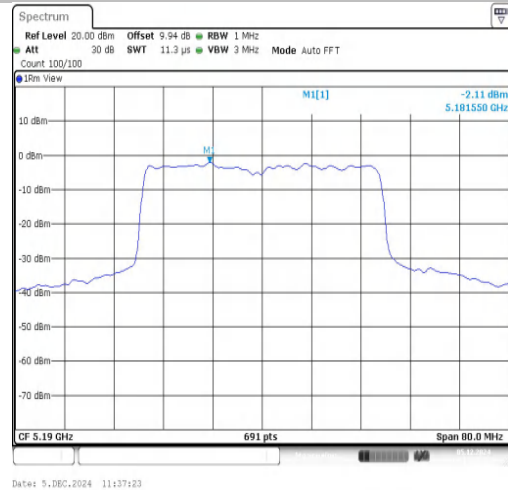
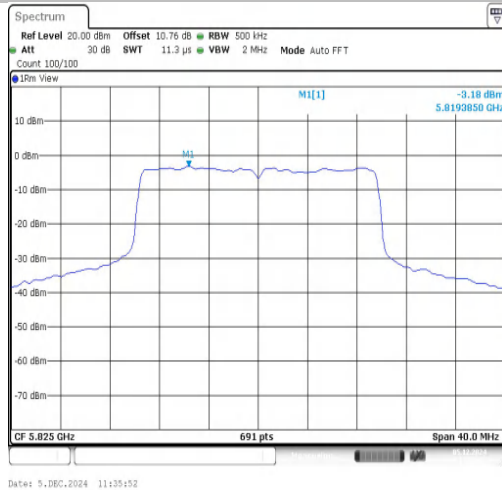
11AX20SISO-Ant1-5580-PASS

11AX20SISO-Ant1-5700-PASS



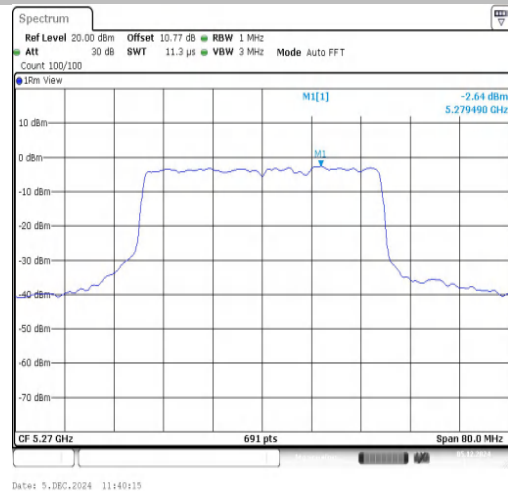
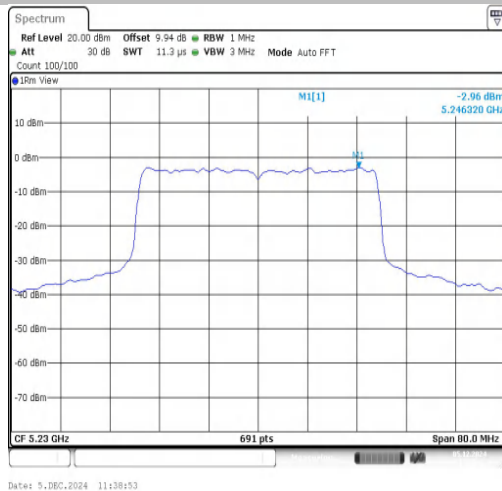
11AX20SISO-Ant1-5745-PASS

11AX20SISO-Ant1-5785-PASS



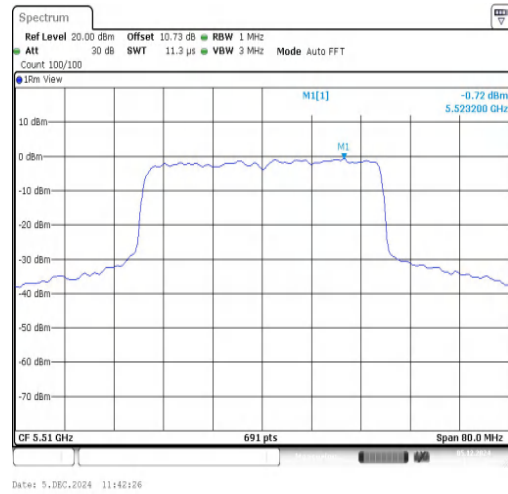
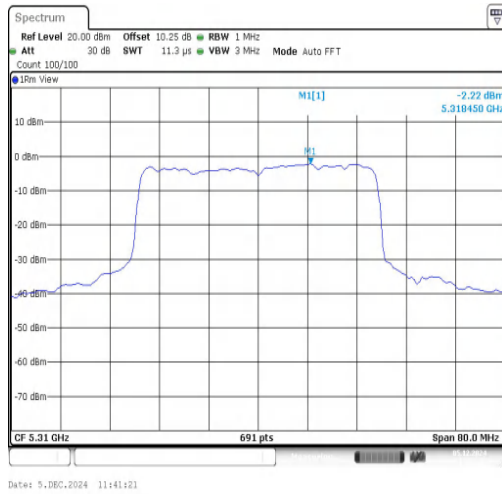
11AX20SISO-Ant1-5825-PASS

11AX40SISO-Ant1-5190-PASS



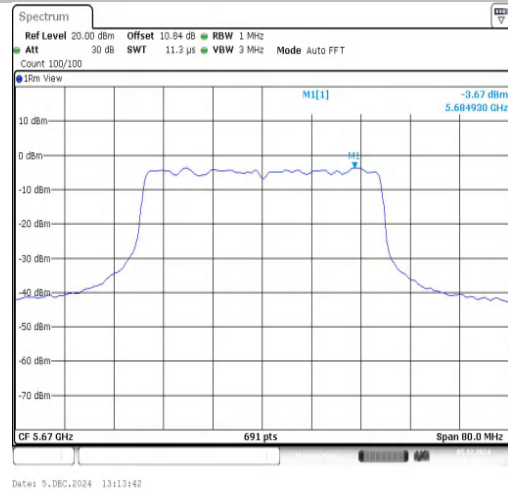
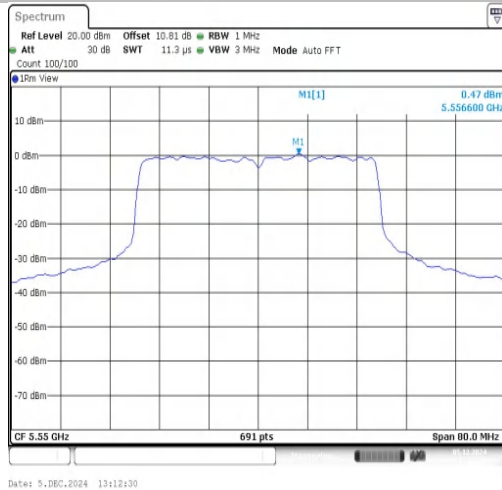
11AX40SISO-Ant1-5230-PASS

11AX40SISO-Ant1-5270-PASS



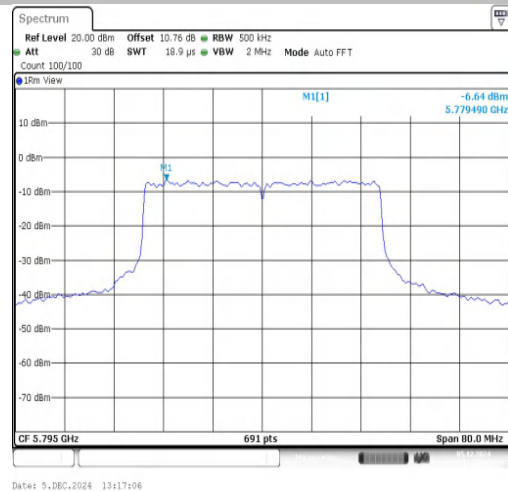
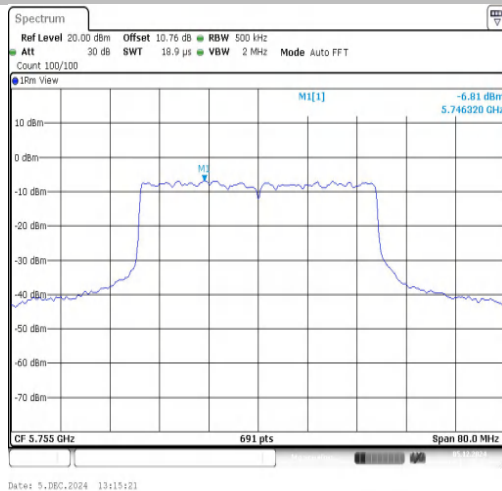
11AX40SISO-Ant1-5310-PASS

11AX40SISO-Ant1-5510-PASS



11AX40SISO-Ant1-5550-PASS

11AX40SISO-Ant1-5670-PASS



11AX40SISO-Ant1-5755-PASS

11AX40SISO-Ant1-5795-PASS



Appendix E: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Freq(MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	20000.00	3.861004	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	40000.00	7.722008	20	PASS

Temperature								
Test Mode	Antenna	Freq(MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	-20	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	-10	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	0	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	50	20000.00	3.861004	20	PASS

-----END-----