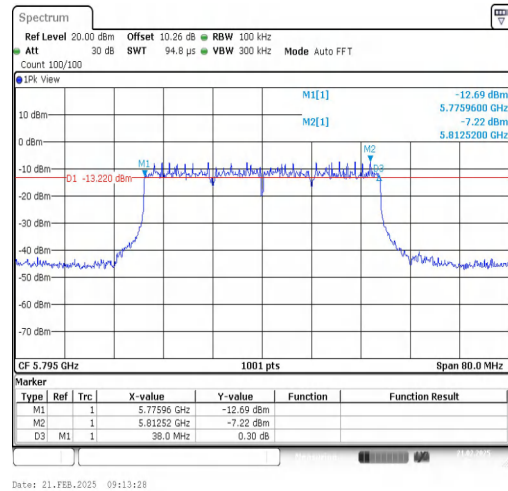
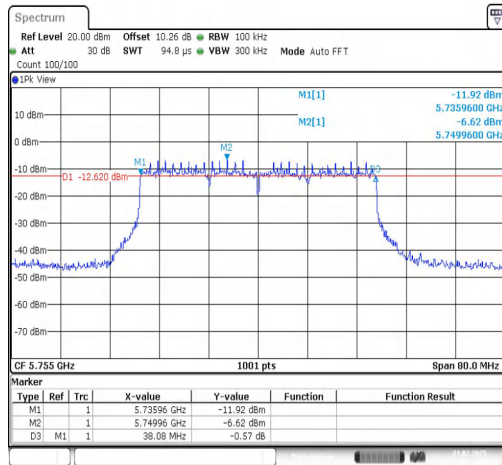
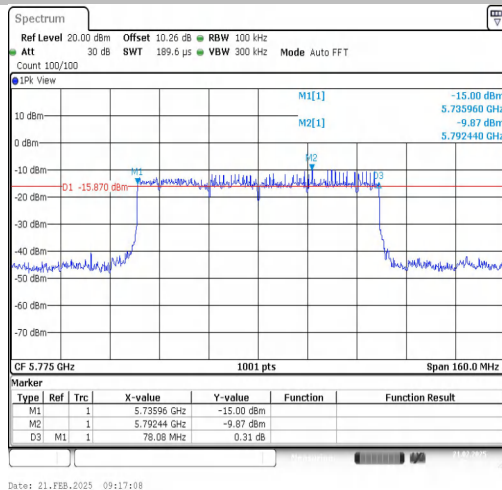




11AX40SISO-Ant1-5755-PASS

11AX40SISO-Ant1-5795-PASS



11AX80SISO-Ant1-5775-PASS



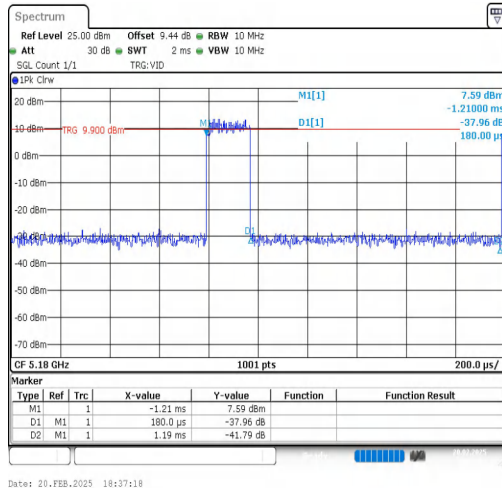
Appendix B: Duty Cycle

Test Result

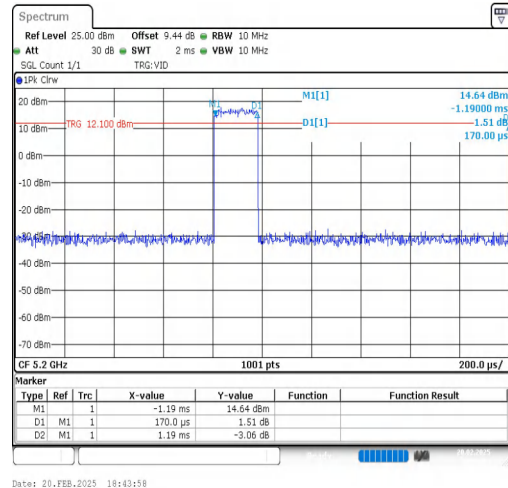
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	0.18	1.19	15.13	---	---
11A	Ant1	5200	0.17	1.19	14.29	---	---
11A	Ant1	5240	0.17	1.19	14.29	---	---
11A	Ant1	5745	0.18	1.19	15.13	---	---
11A	Ant1	5785	0.17	1.19	14.29	---	---
11A	Ant1	5825	0.17	1.19	14.29	---	---
11AC20SISO	Ant1	5180	0.17	1.19	14.29	---	---
11AC20SISO	Ant1	5200	0.17	1.19	14.29	---	---
11AC20SISO	Ant1	5240	0.17	1.19	14.29	---	---
11AC20SISO	Ant1	5745	0.18	1.19	15.13	---	---
11AC20SISO	Ant1	5785	0.18	1.19	15.13	---	---
11AC20SISO	Ant1	5825	0.17	1.19	14.29	---	---
11AC40SISO	Ant1	5190	0.53	1.54	34.42	---	---
11AC40SISO	Ant1	5230	0.52	1.55	33.55	---	---
11AC40SISO	Ant1	5755	0.53	1.54	34.42	---	---
11AC40SISO	Ant1	5795	0.52	1.54	33.77	---	---
11AC80SISO	Ant1	5210	0.79	1.80	43.89	---	---
11AC80SISO	Ant1	5775	0.79	1.81	43.65	---	---
11AX20SISO	Ant1	5180	0.16	1.18	13.56	---	---
11AX20SISO	Ant1	5200	0.16	1.18	13.56	---	---
11AX20SISO	Ant1	5240	0.16	1.18	13.56	---	---
11AX20SISO	Ant1	5745	0.17	1.18	14.41	---	---
11AX20SISO	Ant1	5785	0.17	1.18	14.41	---	---
11AX20SISO	Ant1	5825	0.16	1.18	13.56	---	---
11AX40SISO	Ant1	5190	0.29	1.30	22.31	---	---
11AX40SISO	Ant1	5230	0.28	1.30	21.54	---	---
11AX40SISO	Ant1	5755	0.29	1.30	22.31	---	---
11AX40SISO	Ant1	5795	0.29	1.30	22.31	---	---
11AX80SISO	Ant1	5210	0.28	1.29	21.71	---	---
11AX80SISO	Ant1	5775	0.27	1.29	20.93	---	---



Test Graphs



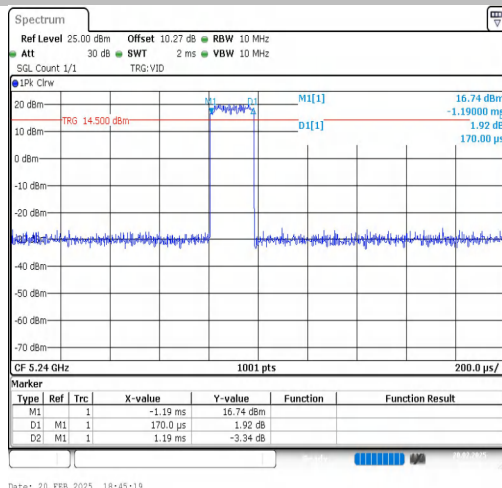
Date: 20.FEB.2025 18:37:18



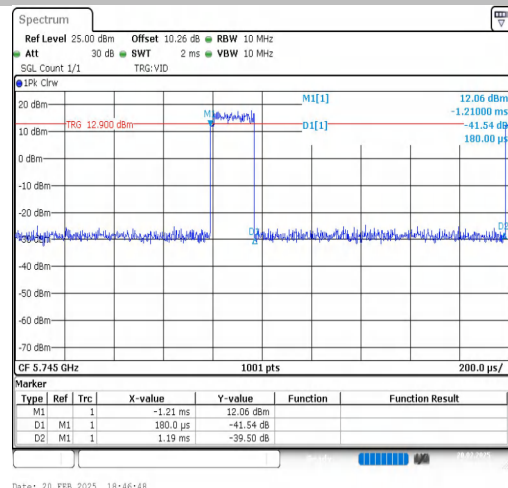
Date: 20.FEB.2025 18:43:58

NTNV-11A-Ant1-5180

NTNV-11A-Ant1-5200



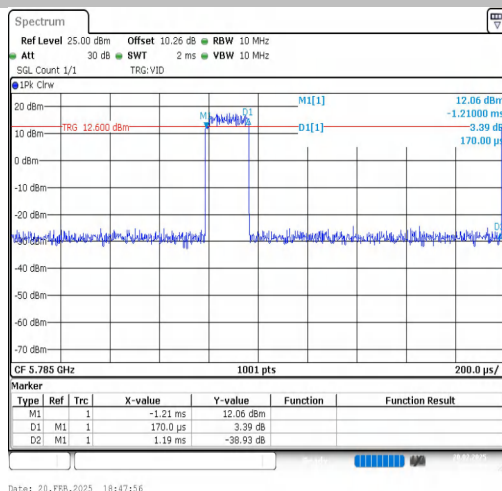
Date: 20.FEB.2025 18:45:19



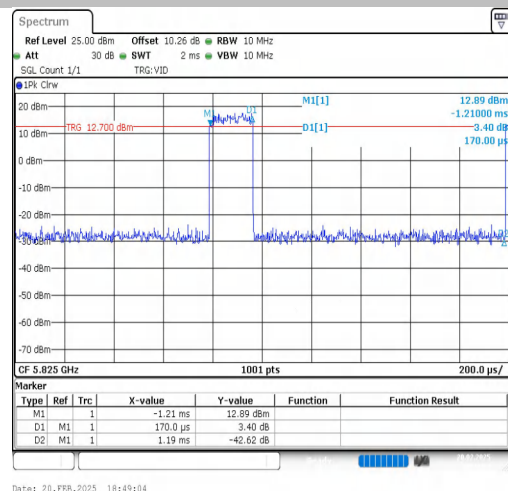
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NTNV-11A-Ant1-5240

NTNV-11A-Ant1-5745



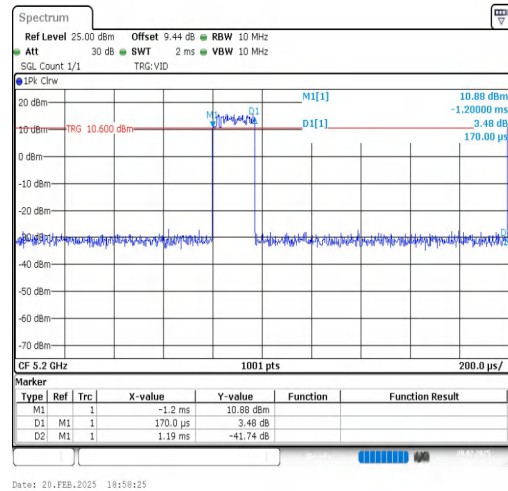
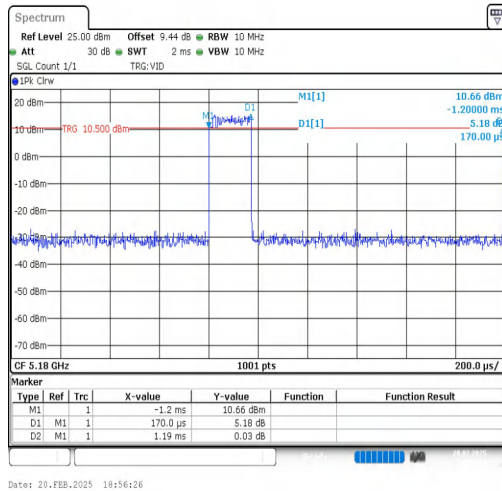
Date: 20.FEB.2025 18:47:56



Date: 20.FEB.2025 18:49:04

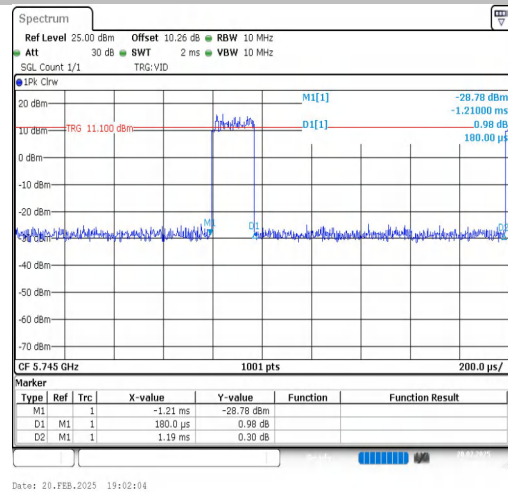
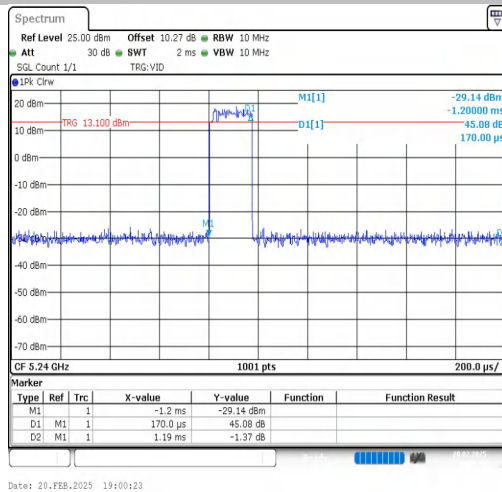
NTNV-11A-Ant1-5785

NTNV-11A-Ant1-5825



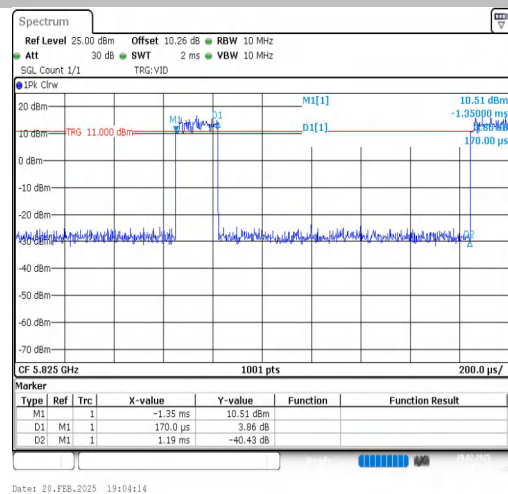
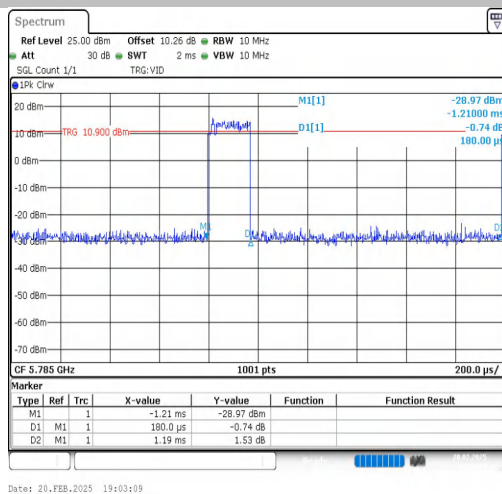
NTNV-11AC20SISO-Ant1-5180

NTNV-11AC20SISO-Ant1-5200



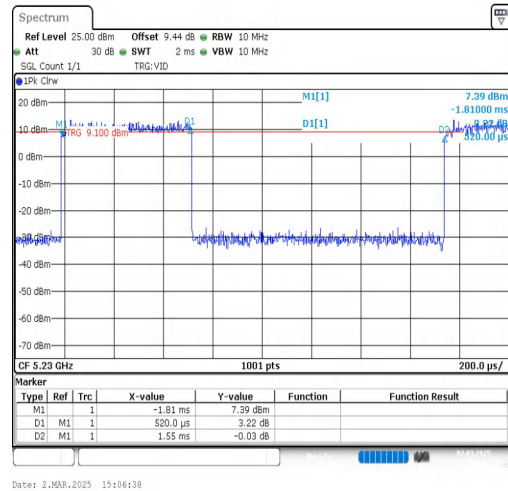
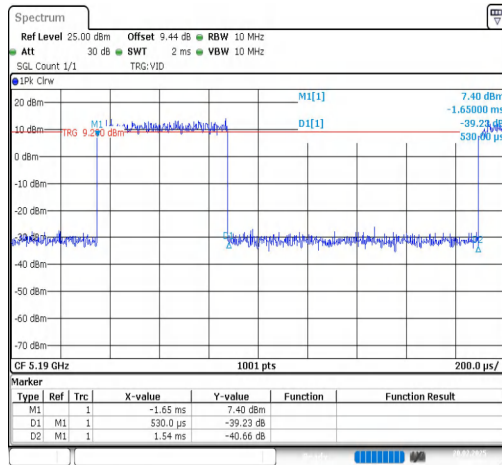
NTNV-11AC20SISO-Ant1-5240

NTNV-11AC20SISO-Ant1-5745

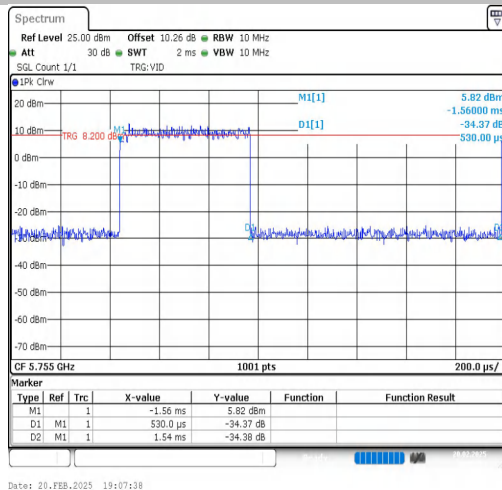


NTNV-11AC20SISO-Ant1-5785

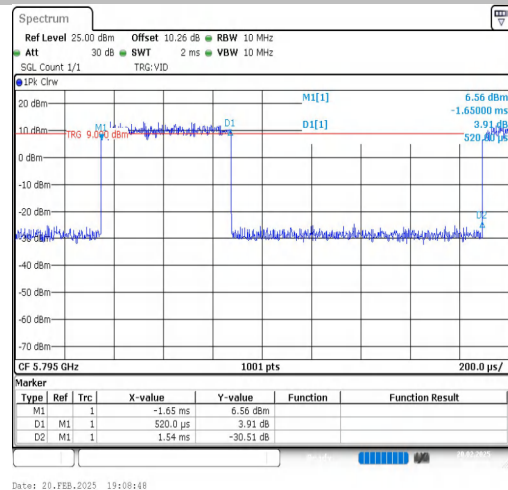
NTNV-11AC20SISO-Ant1-5825



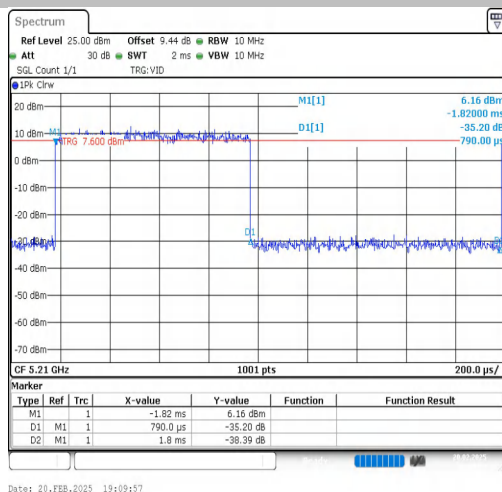
NTNV-11AC40SISO-Ant1-5190



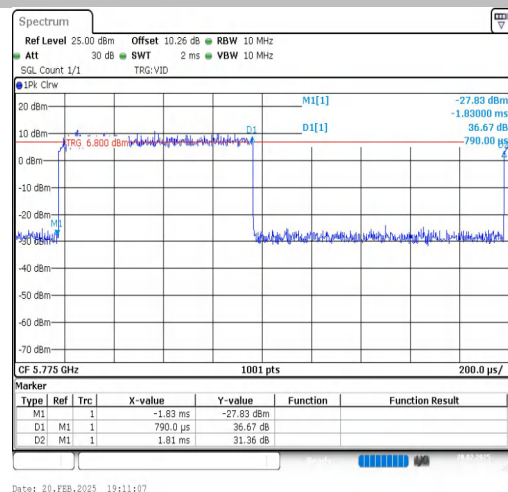
NTNV-11AC40SISO-Ant1-5230



NTNV-11AC40SISO-Ant1-5755

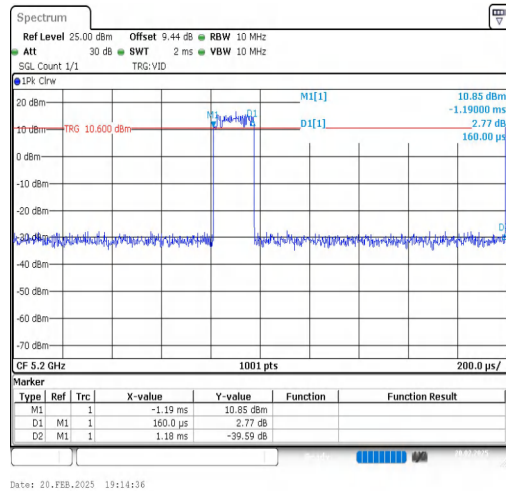
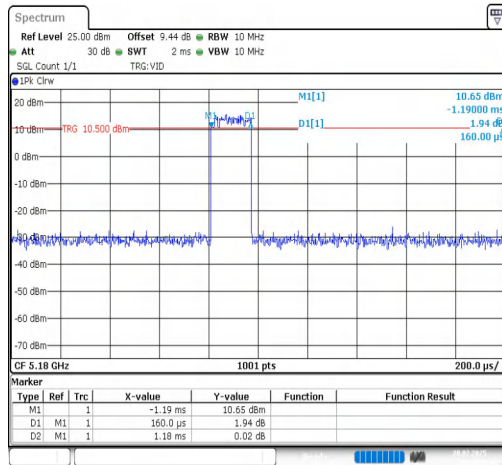


NTNV-11AC40SISO-Ant1-5795

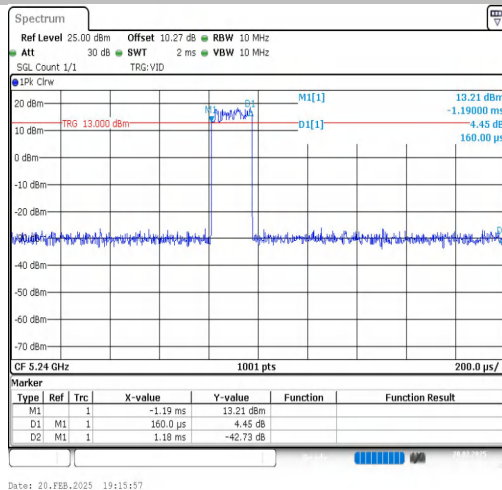


NTNV-11AC80SISO-Ant1-5210

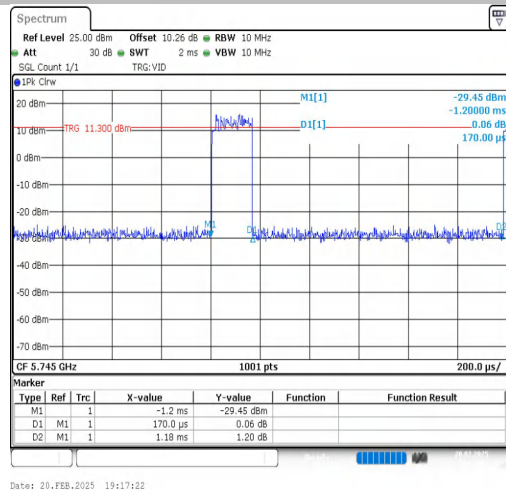
NTNV-11AC80SISO-Ant1-5775



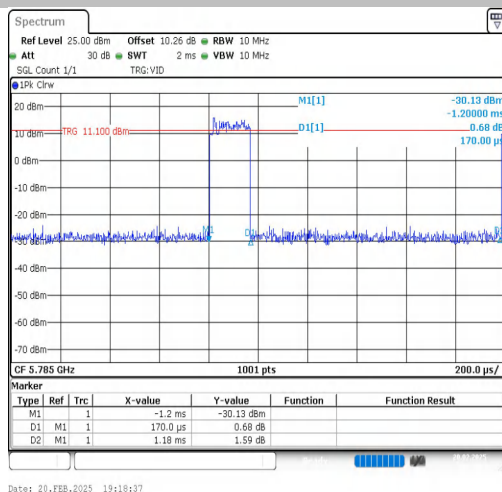
NTNV-11AX20SISO-Ant1-5180



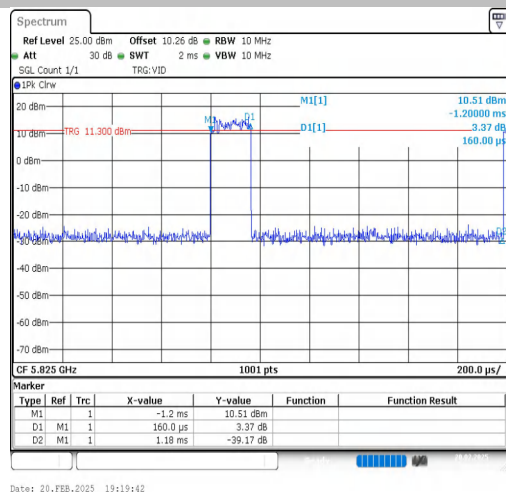
NTNV-11AX20SISO-Ant1-5200



NTNV-11AX20SISO-Ant1-5240

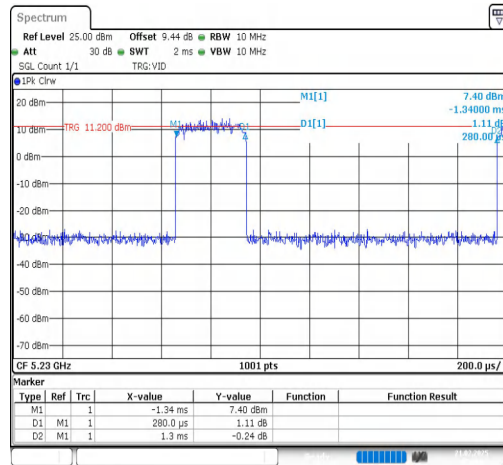
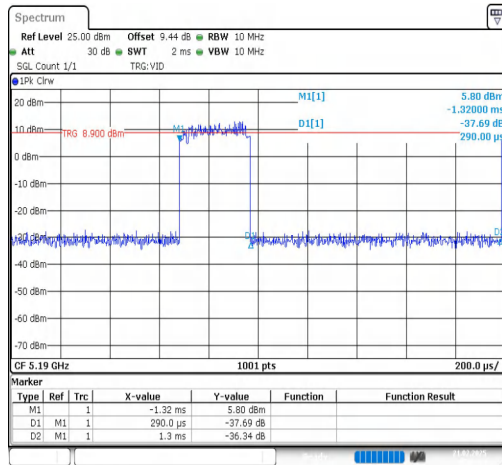


NTNV-11AX20SISO-Ant1-5745

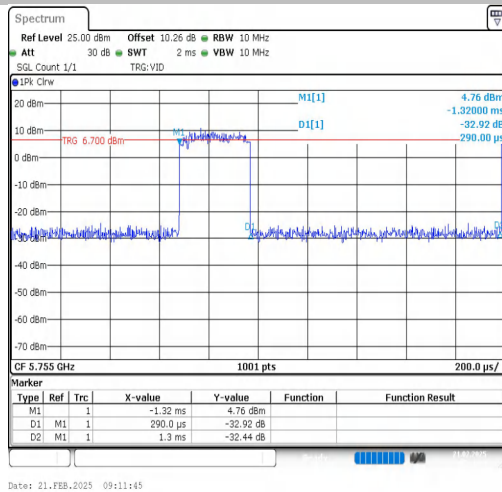


NTNV-11AX20SISO-Ant1-5785

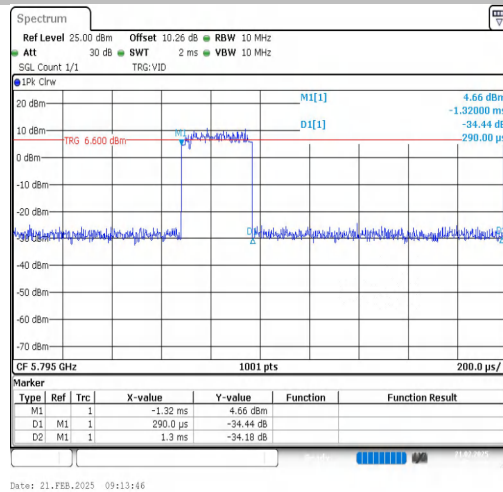
NTNV-11AX20SISO-Ant1-5825



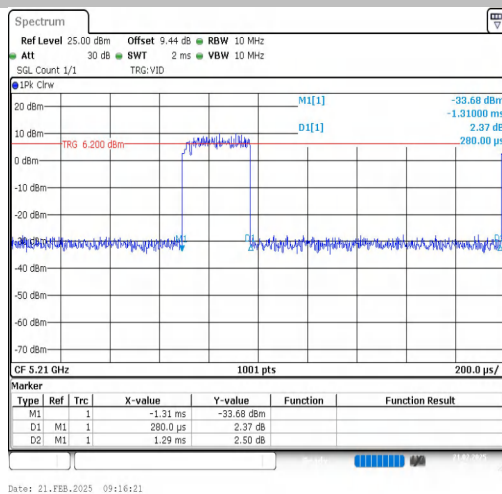
NTNV-11AX40SISO-Ant1-5190



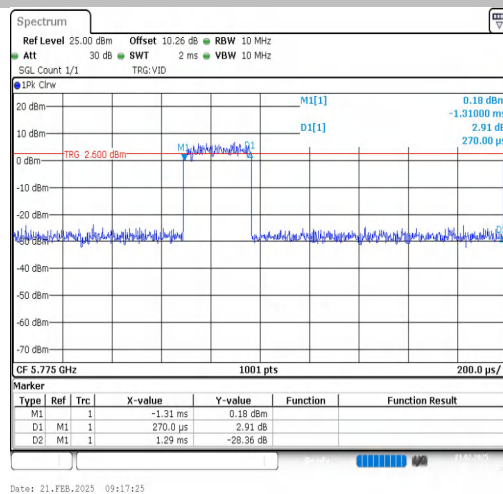
NTNV-11AX40SISO-Ant1-5230



NTNV-11AX40SISO-Ant1-5755



NTNV-11AX40SISO-Ant1-5795



NTNV-11AX80SISO-Ant1-5210

NTNV-11AX80SISO-Ant1-5775



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	4.36	8.20	12.56	≤23.98	4.11	---	---	PASS
11A	Ant1	5200	4.54	8.45	12.99	≤23.98	4.11	---	---	PASS
11A	Ant1	5240	6.74	8.45	15.19	≤23.98	4.11	---	---	PASS
11A	Ant1	5745	2.98	8.20	11.18	≤30.00	5.46	---	---	PASS
11A	Ant1	5785	3.03	8.45	11.48	≤30.00	5.46	---	---	PASS
11A	Ant1	5825	3.57	8.45	12.02	≤30.00	5.46	---	---	PASS
11AC20SISO	Ant1	5180	1.17	8.45	9.62	≤23.98	4.11	---	---	PASS
11AC20SISO	Ant1	5200	1.56	8.45	10.01	≤23.98	4.11	---	---	PASS
11AC20SISO	Ant1	5240	3.90	8.45	12.35	≤23.98	4.11	---	---	PASS
11AC20SISO	Ant1	5745	0.67	8.20	8.87	≤30.00	5.46	---	---	PASS
11AC20SISO	Ant1	5785	0.82	8.20	9.02	≤30.00	5.46	---	---	PASS
11AC20SISO	Ant1	5825	1.43	8.45	9.88	≤30.00	5.46	---	---	PASS
11AC40SISO	Ant1	5190	5.06	4.63	9.69	≤23.98	4.11	---	---	PASS
11AC40SISO	Ant1	5230	4.84	4.74	9.58	≤23.98	4.11	---	---	PASS
11AC40SISO	Ant1	5755	4.14	4.63	8.77	≤30.00	5.46	---	---	PASS
11AC40SISO	Ant1	5795	4.62	4.71	9.33	≤30.00	5.46	---	---	PASS
11AC80SISO	Ant1	5210	7.66	3.58	11.24	≤23.98	4.11	---	---	PASS
11AC80SISO	Ant1	5775	6.68	3.60	10.28	≤30.00	5.46	---	---	PASS
11AX20SISO	Ant1	5180	1.04	8.68	9.72	≤23.98	4.11	---	---	PASS
11AX20SISO	Ant1	5200	1.37	8.68	10.05	≤23.98	4.11	---	---	PASS
11AX20SISO	Ant1	5240	3.74	8.68	12.42	≤23.98	4.11	---	---	PASS
11AX20SISO	Ant1	5745	0.52	8.41	8.93	≤30.00	5.46	---	---	PASS
11AX20SISO	Ant1	5785	0.62	8.41	9.03	≤30.00	5.46	---	---	PASS
11AX20SISO	Ant1	5825	1.22	8.68	9.90	≤30.00	5.46	---	---	PASS
11AX40SISO	Ant1	5190	2.11	6.52	8.63	≤23.98	4.11	---	---	PASS
11AX40SISO	Ant1	5230	3.29	6.67	9.96	≤23.98	4.11	---	---	PASS
11AX40SISO	Ant1	5755	0.82	6.52	7.34	≤30.00	5.46	---	---	PASS
11AX40SISO	Ant1	5795	0.51	6.52	7.03	≤30.00	5.46	---	---	PASS
11AX80SISO	Ant1	5210	2.24	6.63	8.87	≤23.98	4.11	---	---	PASS
11AX80SISO	Ant1	5775	0.35	6.79	7.14	≤30.00	5.46	---	---	PASS



Appendix D: Maximum power spectral density

Test Result

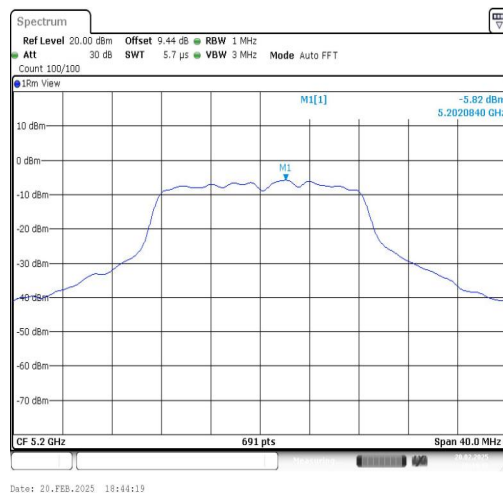
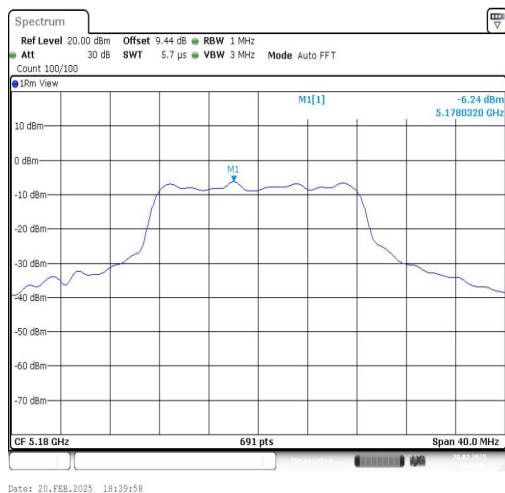
Test Mode	Antenna	Freq (MHz)	Tset PSD [dBm]	PSD Factor [dB]	Final PSD Result [dBm]	PSD Limit [dBm]	Gain [dBi]	EIRP.PSD [dBm]	Verdict
11A	Ant1	5180	-6.24	8.2	1.96	≤11.00	4.11	6.07	PASS
11A	Ant1	5200	-5.82	8.45	2.63	≤11.00	4.11	6.74	PASS
11A	Ant1	5240	-3.62	8.45	4.83	≤11.00	4.11	8.94	PASS
11A	Ant1	5745	-9.44	8.2	-1.24	≤30.00	5.46	4.22	PASS
11A	Ant1	5785	-11.15	8.45	-2.7	≤30.00	5.46	2.76	PASS
11A	Ant1	5825	-9.39	8.45	-0.94	≤30.00	5.46	4.52	PASS
11AC20SISO	Ant1	5180	-8.3	8.45	0.15	≤11.00	4.11	4.26	PASS
11AC20SISO	Ant1	5200	-9.38	8.45	-0.93	≤11.00	4.11	3.18	PASS
11AC20SISO	Ant1	5240	-6.15	8.45	2.3	≤11.00	4.11	6.41	PASS
11AC20SISO	Ant1	5745	-12.72	8.2	-4.52	≤30.00	5.46	0.94	PASS
11AC20SISO	Ant1	5785	-11.33	8.2	-3.13	≤30.00	5.46	2.33	PASS
11AC20SISO	Ant1	5825	-12.54	8.45	-4.09	≤30.00	5.46	1.37	PASS
11AC40SISO	Ant1	5190	-7.79	4.63	-3.16	≤11.00	4.11	0.95	PASS
11AC40SISO	Ant1	5230	-8.97	4.74	-4.23	≤11.00	4.11	-0.12	PASS
11AC40SISO	Ant1	5755	-12.55	4.63	-7.92	≤30.00	5.46	-2.46	PASS
11AC40SISO	Ant1	5795	-11.6	4.71	-6.89	≤30.00	5.46	-1.43	PASS
11AC80SISO	Ant1	5210	-9.07	3.58	-5.49	≤11.00	4.11	-1.38	PASS
11AC80SISO	Ant1	5775	-13.08	3.6	-9.48	≤30.00	5.46	-4.02	PASS
11AX20SISO	Ant1	5180	-9.3	8.68	-0.62	≤11.00	4.11	3.49	PASS
11AX20SISO	Ant1	5200	-8.09	8.68	0.59	≤11.00	4.11	4.70	PASS
11AX20SISO	Ant1	5240	-4.83	8.68	3.85	≤11.00	4.11	7.96	PASS
11AX20SISO	Ant1	5745	-12.8	8.41	-4.39	≤30.00	5.46	1.07	PASS
11AX20SISO	Ant1	5785	-12.7	8.41	-4.29	≤30.00	5.46	1.17	PASS
11AX20SISO	Ant1	5825	-11.23	8.68	-2.55	≤30.00	5.46	2.91	PASS
11AX40SISO	Ant1	5190	-10.84	6.52	-4.32	≤11.00	4.11	-0.21	PASS
11AX40SISO	Ant1	5230	-9.61	6.67	-2.94	≤11.00	4.11	1.17	PASS
11AX40SISO	Ant1	5755	-14.31	6.52	-7.79	≤30.00	5.46	-2.33	PASS
11AX40SISO	Ant1	5795	-15.83	6.52	-9.31	≤30.00	5.46	-3.85	PASS
11AX80SISO	Ant1	5210	-13.97	6.63	-7.34	≤11.00	4.11	-3.23	PASS
11AX80SISO	Ant1	5775	-18.93	6.79	-12.14	≤30.00	5.46	-6.68	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2. Final PSD Result = Test PSD [dBm] + PSD Factor [dB]

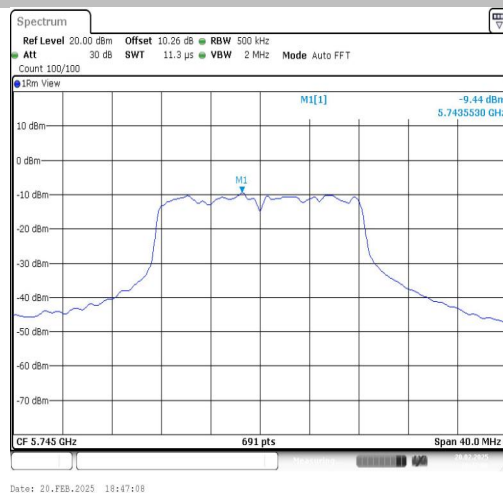
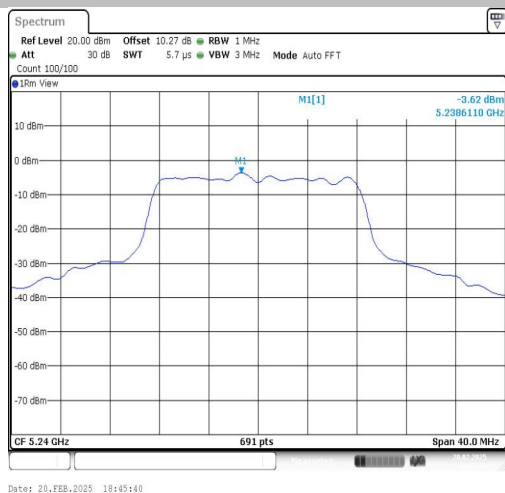


Test Graphs



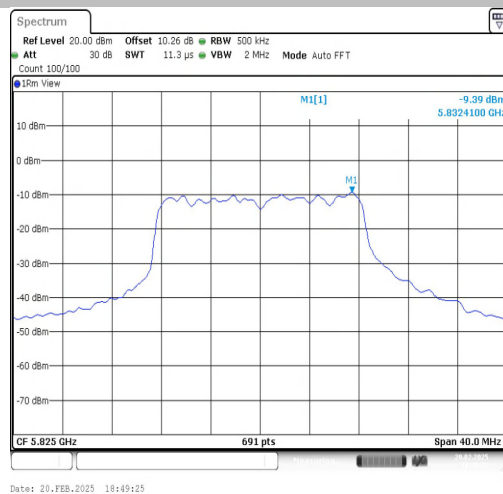
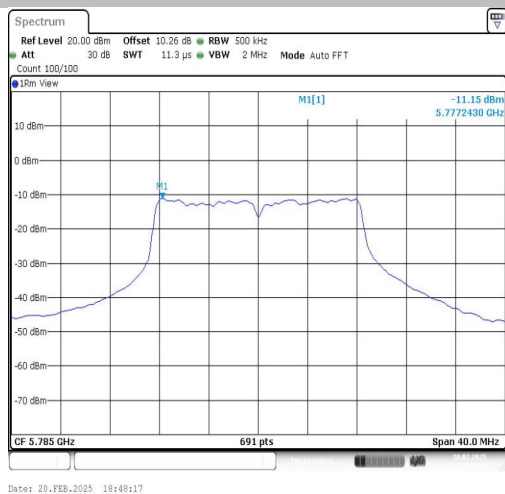
11A-Ant1-5180-PASS

11A-Ant1-5200-PASS



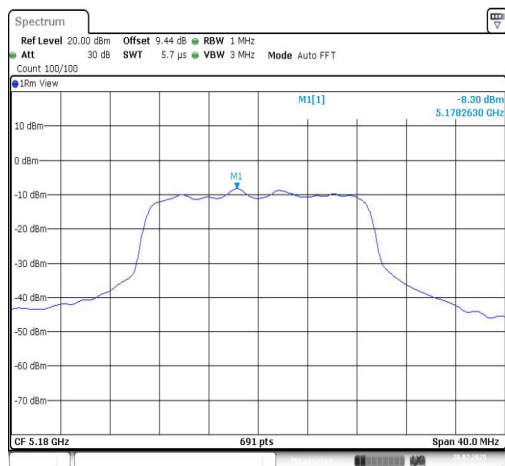
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11A-Ant1-5745-PASS

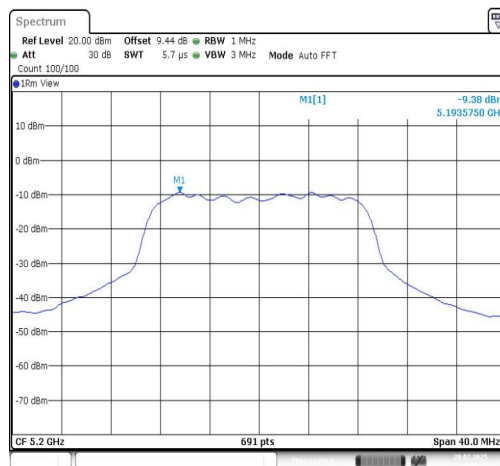


11A-Ant1-5785-PASS

11A-Ant1-5825-PASS



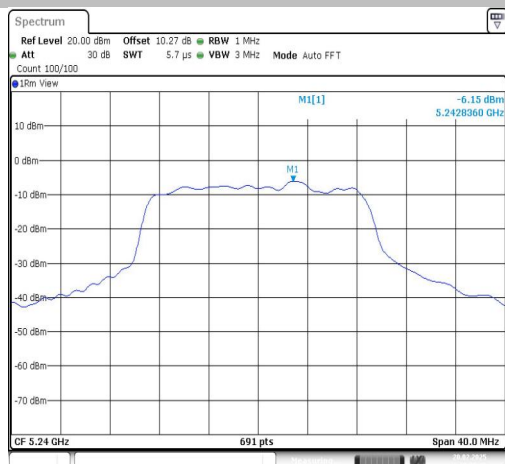
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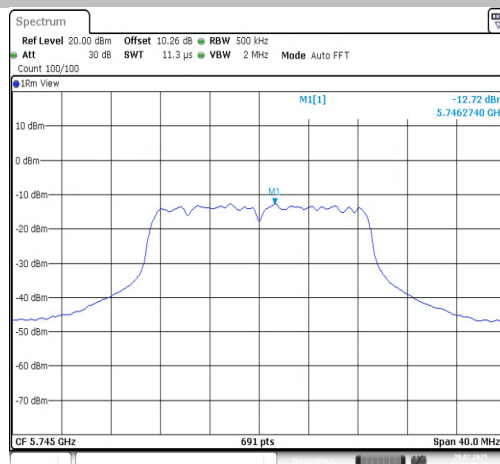
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11AC20SISO-Ant1-5180-PASS

11AC20SISO-Ant1-5200-PASS



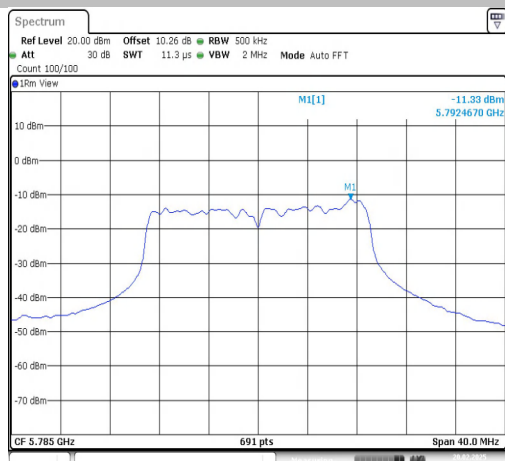
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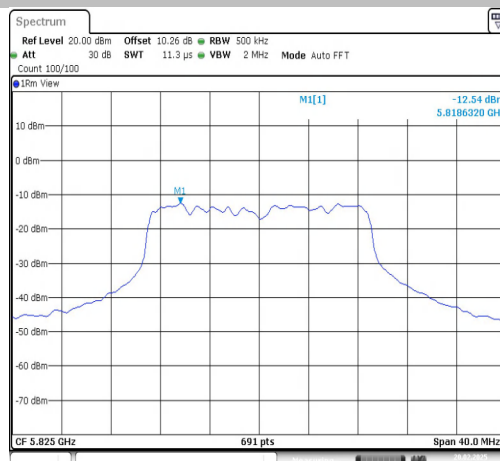
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11AC20SISO-Ant1-5240-PASS

11AC20SISO-Ant1-5745-PASS



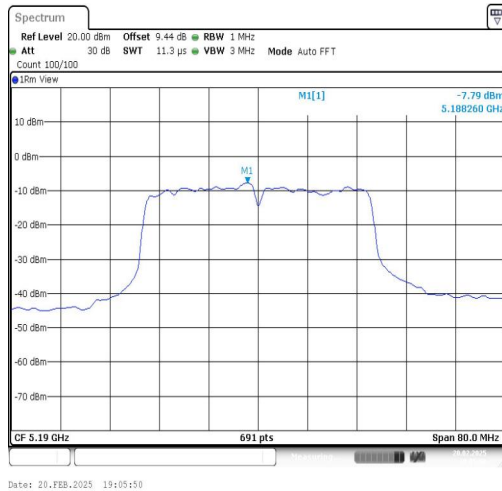
Date: 20.FEB.2025 19:03:30



Date: 20.FEB.2025 19:04:35

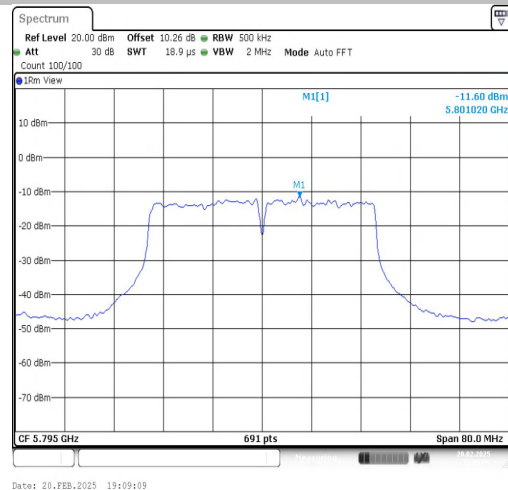
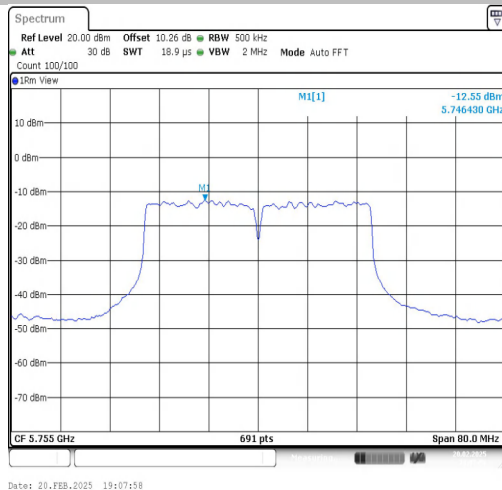
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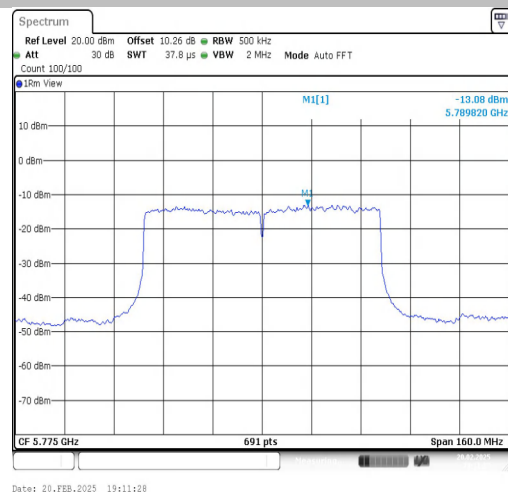
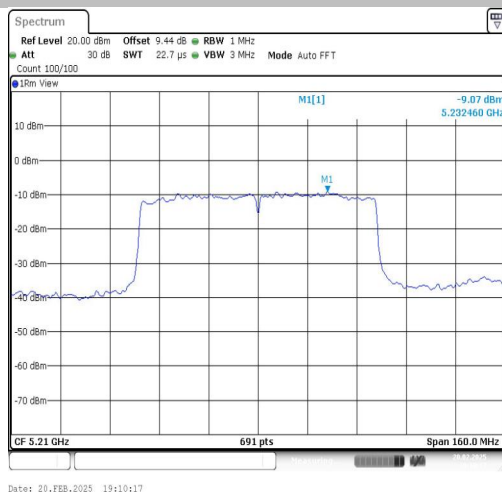
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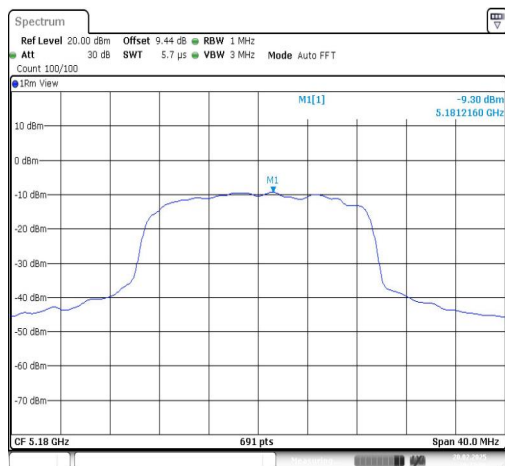
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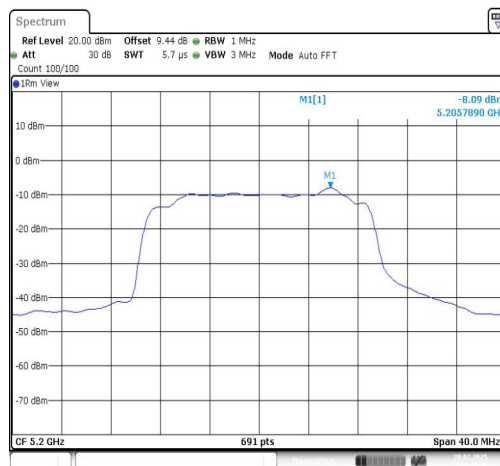


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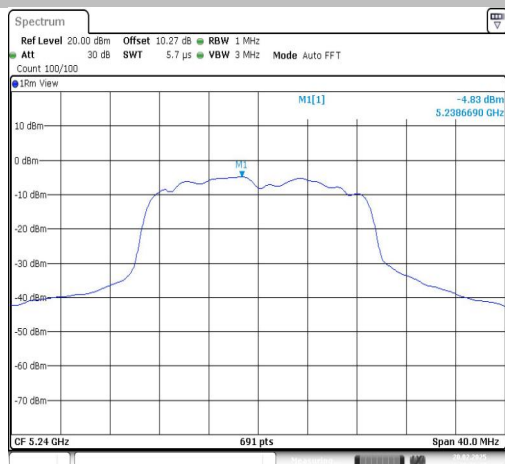
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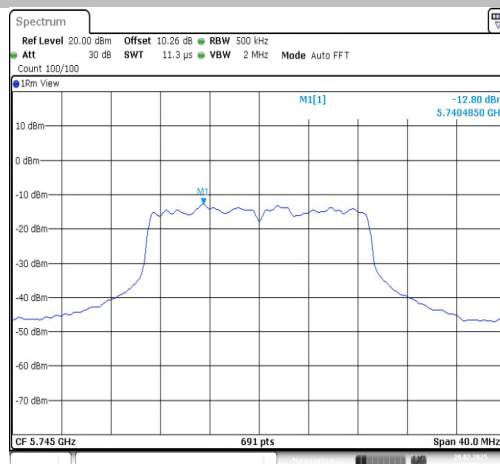
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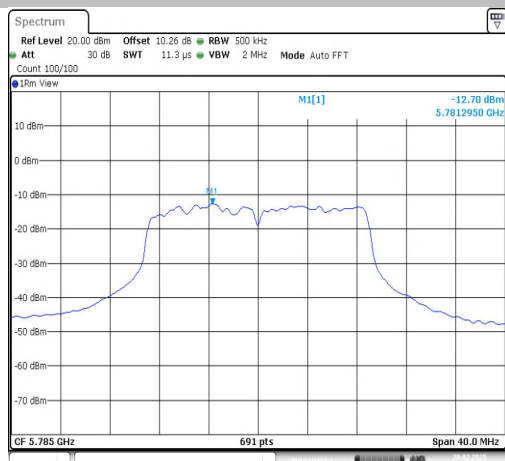
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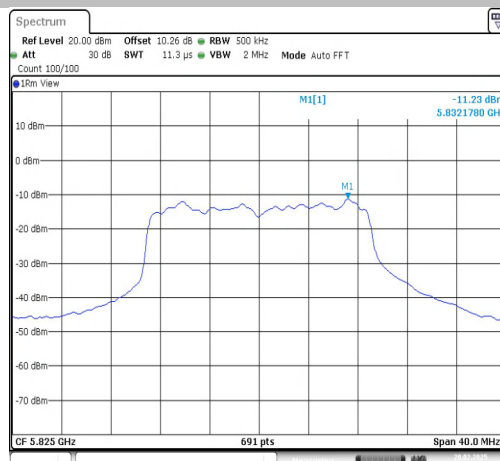
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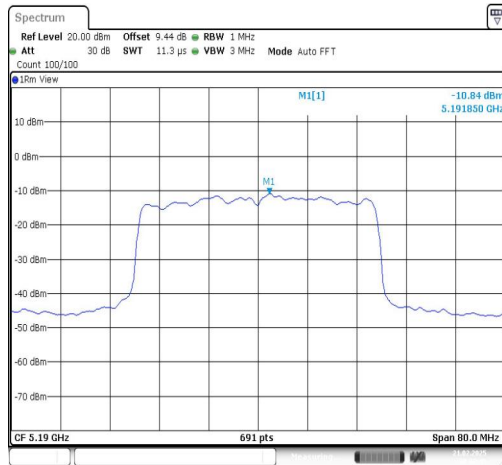
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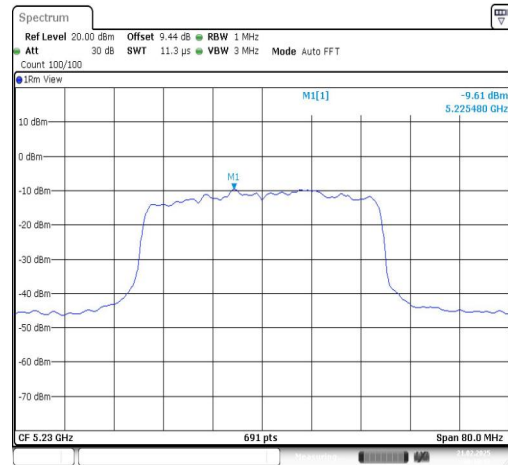
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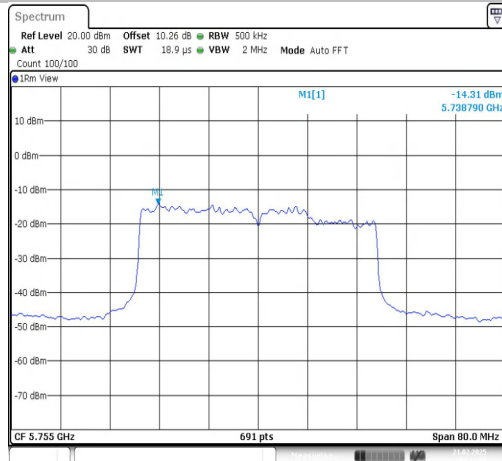
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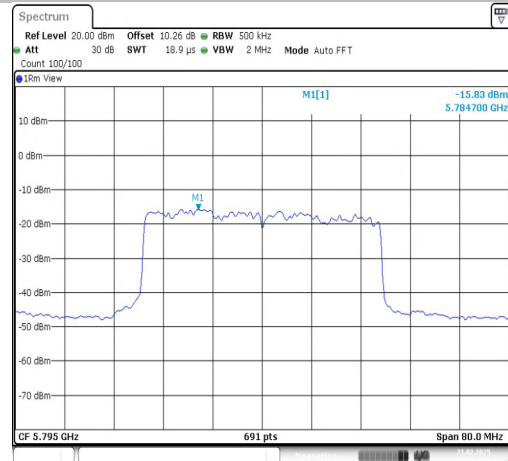
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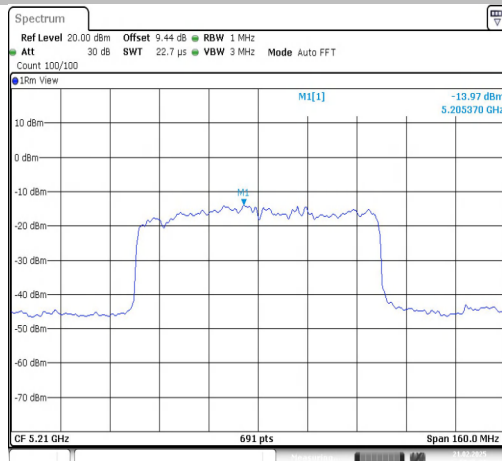
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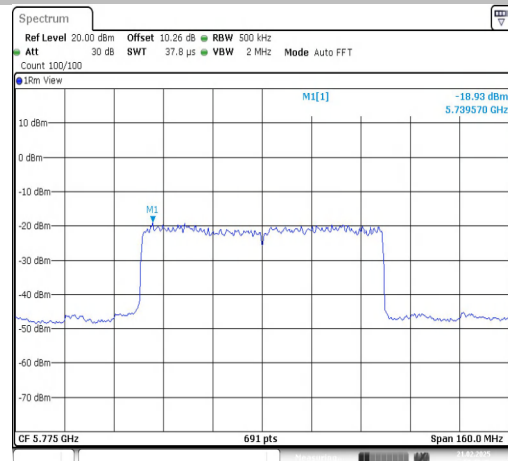
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11AX40SISO-Ant1-5755-PASS

11AX40SISO-Ant1-5795-PASS



Date: 21.FEB.2025 09:16:41



Date: 21.FEB.2025 09:17:46

11AX80SISO-Ant1-5210-PASS

11AX80SISO-Ant1-5775-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	0.00	0.000000	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	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	40	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	50	0.00	0.000000	20	PASS

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