

Appendix B

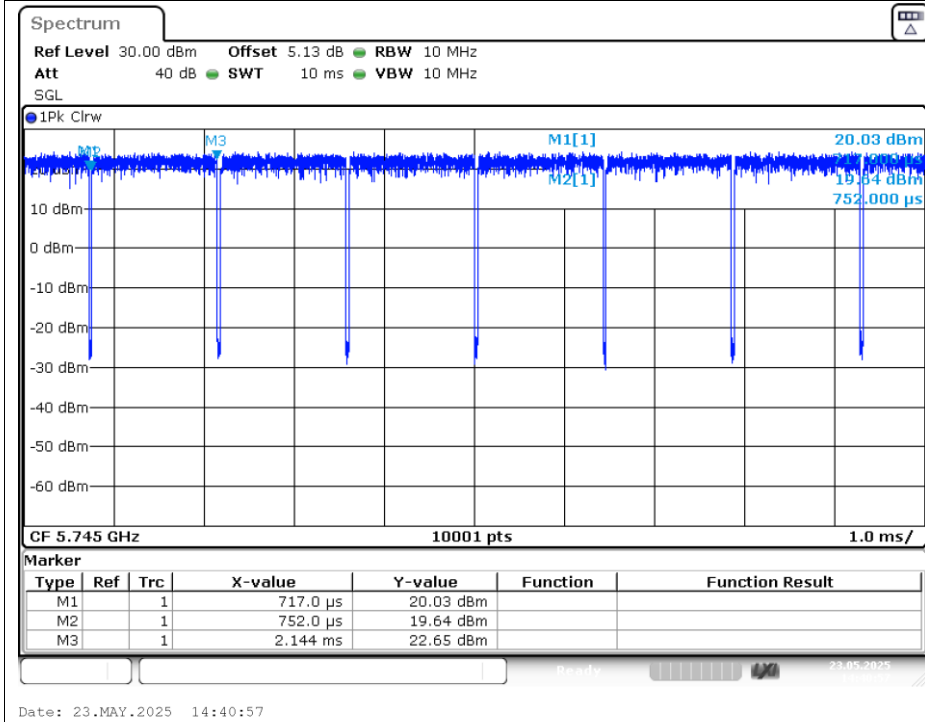
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	1.39	1.43	97.2	0.12	0.72
NVNT	a	5745	Ant2	1.39	1.43	97.2	0.12	0.72
NVNT	a	5785	Ant1	1.39	1.43	97.2	0.12	0.72
NVNT	a	5785	Ant2	1.39	1.43	97.2	0.12	0.72
NVNT	a	5825	Ant1	1.39	1.43	97.2	0.12	0.72
NVNT	a	5825	Ant2	1.39	1.43	97.2	0.12	0.72
NVNT	n20	5745	Ant1	0.1	0.14	71.43	1.46	9.62
NVNT	n20	5745	Ant2	0.1	0.14	71.43	1.46	9.62
NVNT	n20	5785	Ant1	0.1	0.14	71.43	1.46	9.62
NVNT	n20	5785	Ant2	0.1	0.14	71.43	1.46	9.62
NVNT	n20	5825	Ant1	0.1	0.14	71.43	1.46	9.62
NVNT	n20	5825	Ant2	0.1	0.14	71.43	1.46	9.62
NVNT	n40	5755	Ant1	0.07	0.11	63.64	1.96	13.89
NVNT	n40	5755	Ant2	0.07	0.11	63.64	1.96	13.89
NVNT	n40	5795	Ant1	0.07	0.11	63.64	1.96	13.89
NVNT	n40	5795	Ant2	0.07	0.11	63.64	1.96	13.89
NVNT	ac20	5745	Ant1	0.68	0.72	94.44	0.25	1.47
NVNT	ac20	5745	Ant2	0.68	0.71	95.77	0.19	1.47
NVNT	ac20	5785	Ant1	0.68	0.72	94.44	0.25	1.47
NVNT	ac20	5785	Ant2	0.68	0.72	94.44	0.25	1.47
NVNT	ac20	5825	Ant1	0.68	0.72	94.44	0.25	1.47
NVNT	ac20	5825	Ant2	0.68	0.72	94.44	0.25	1.47
NVNT	ac40	5755	Ant1	0.35	0.39	89.74	0.47	2.84
NVNT	ac40	5755	Ant2	0.35	0.39	89.74	0.47	2.84
NVNT	ac40	5795	Ant1	0.35	0.39	89.74	0.47	2.84
NVNT	ac40	5795	Ant2	0.35	0.39	89.74	0.47	2.84
NVNT	ac80	5775	Ant1	0.19	0.22	86.36	0.64	5.32
NVNT	ac80	5775	Ant2	0.19	0.22	86.36	0.64	5.32
NVNT	ax20	5745	Ant1	0.2	0.24	83.33	0.79	4.98
NVNT	ax20	5745	Ant2	0.2	0.24	83.33	0.79	4.98
NVNT	ax20	5785	Ant1	0.68	0.72	94.44	0.25	1.47

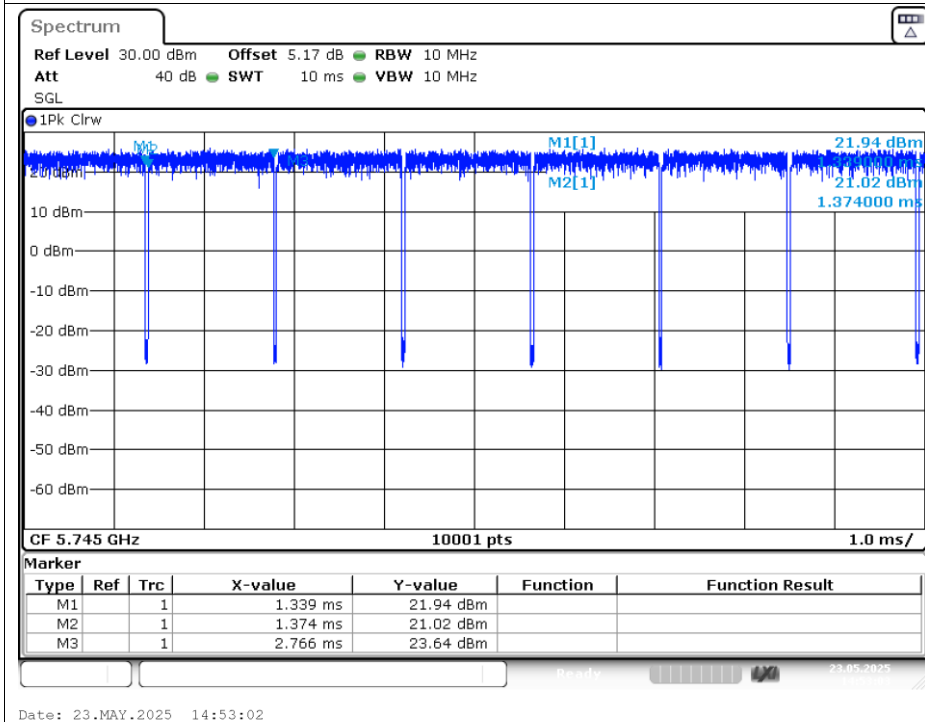
NVNT	ax20	5785	Ant2	0.68	0.71	95.77	0.19	1.47
NVNT	ax20	5825	Ant1	0.2	0.24	83.33	0.79	4.98
NVNT	ax20	5825	Ant2	0.2	0.24	83.33	0.79	4.98
NVNT	ax40	5755	Ant1	0.11	0.14	78.57	1.05	9.26
NVNT	ax40	5755	Ant2	0.11	0.14	78.57	1.05	9.26
NVNT	ax40	5795	Ant1	0.11	0.14	78.57	1.05	9.26
NVNT	ax40	5795	Ant2	0.11	0.14	78.57	1.05	9.26
NVNT	ax80	5775	Ant1	0.19	0.23	82.61	0.83	5.18
NVNT	ax80	5775	Ant2	0.19	0.23	82.61	0.83	5.15

Test Graphs

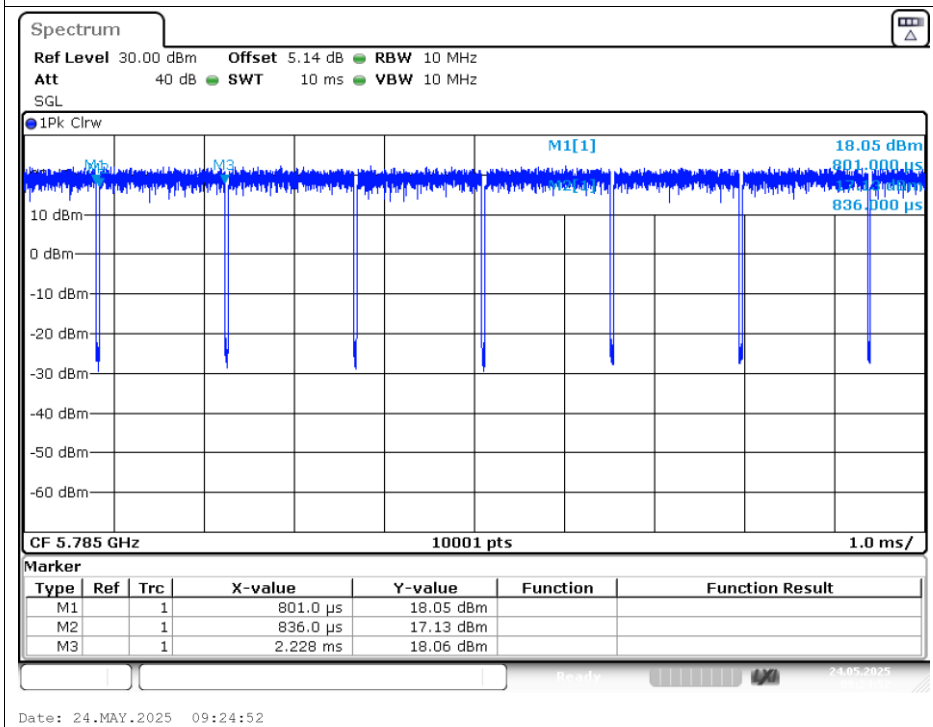
Duty Cycle NVNT a 5745MHz Ant1



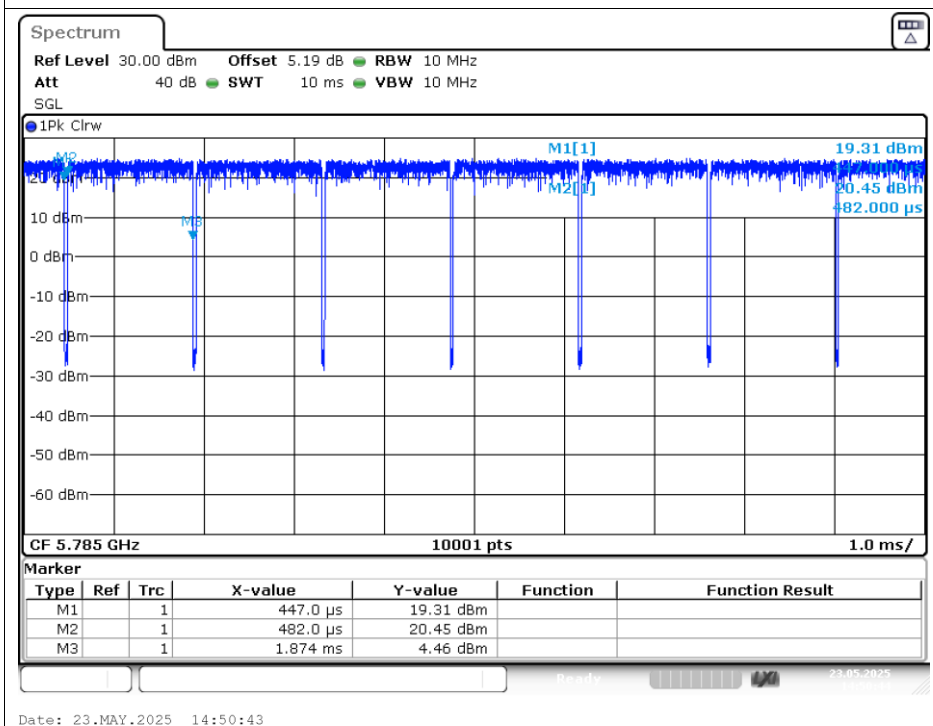
Duty Cycle NVNT a 5745MHz Ant2



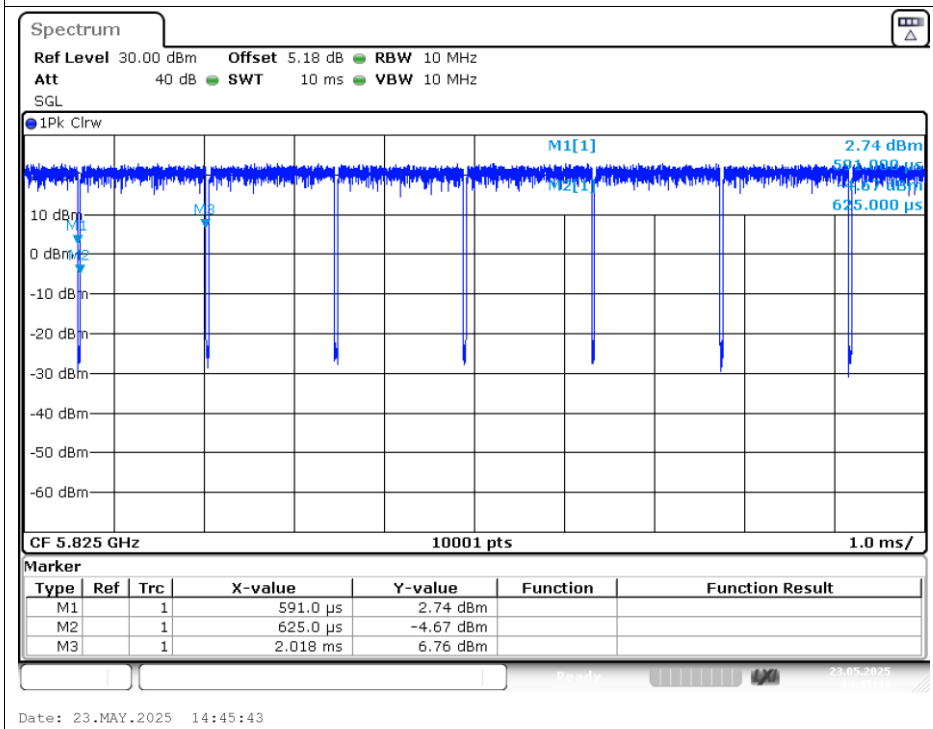
Duty Cycle NVNT a 5785MHz Ant1



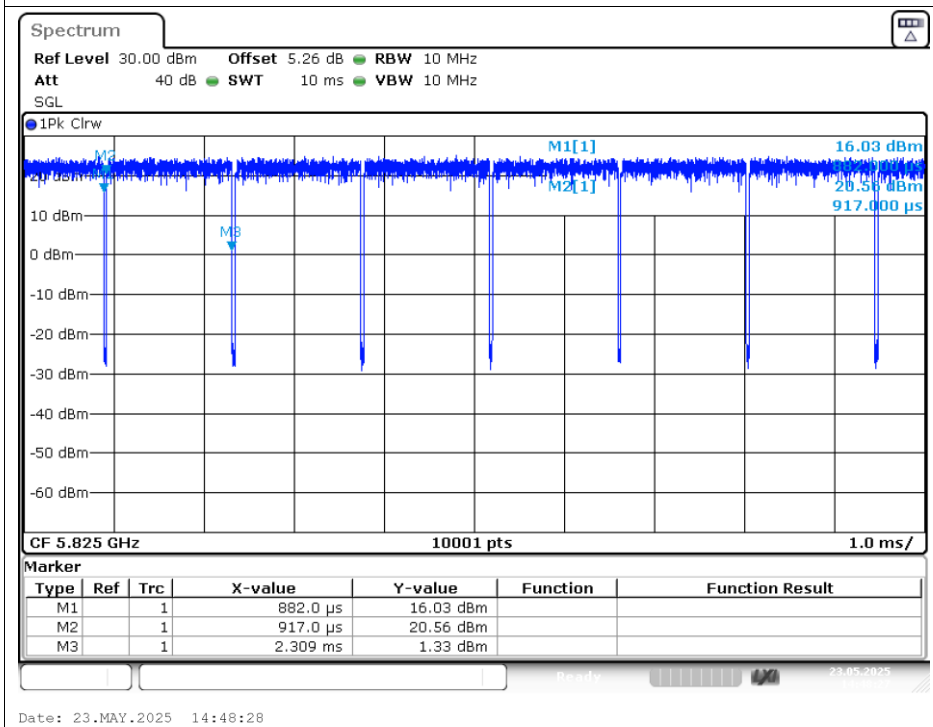
Duty Cycle NVNT a 5785MHz Ant2



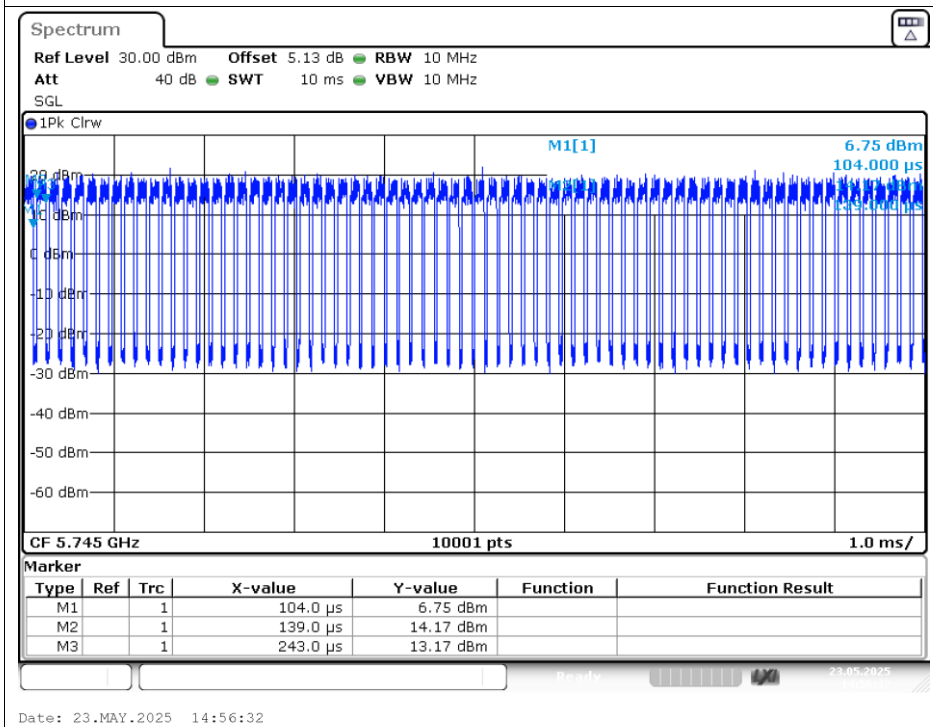
Duty Cycle NVNT a 5825MHz Ant1



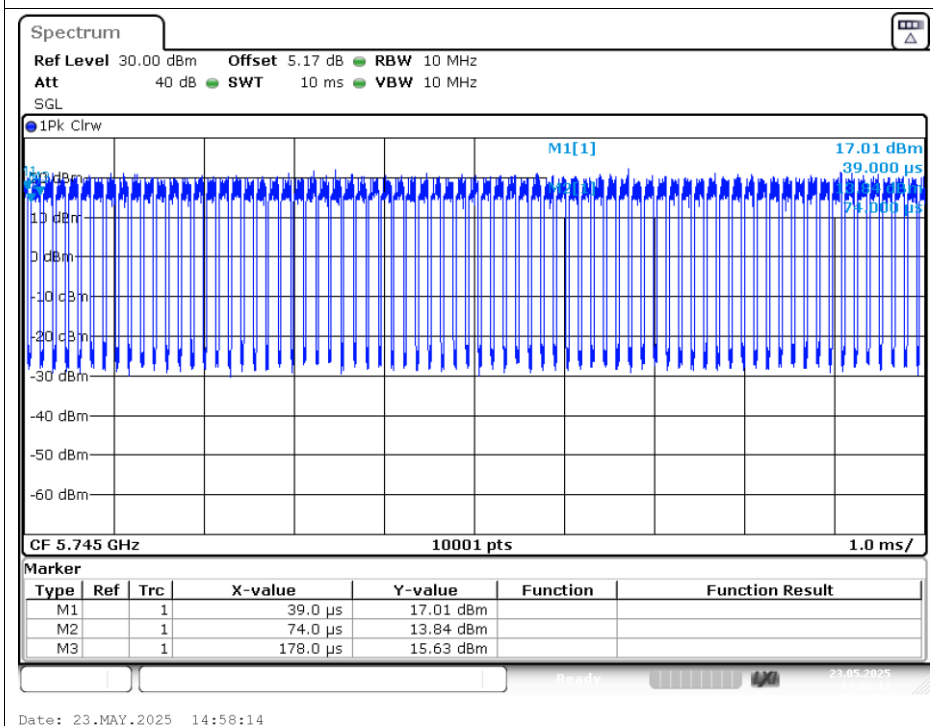
Duty Cycle NVNT a 5825MHz Ant2

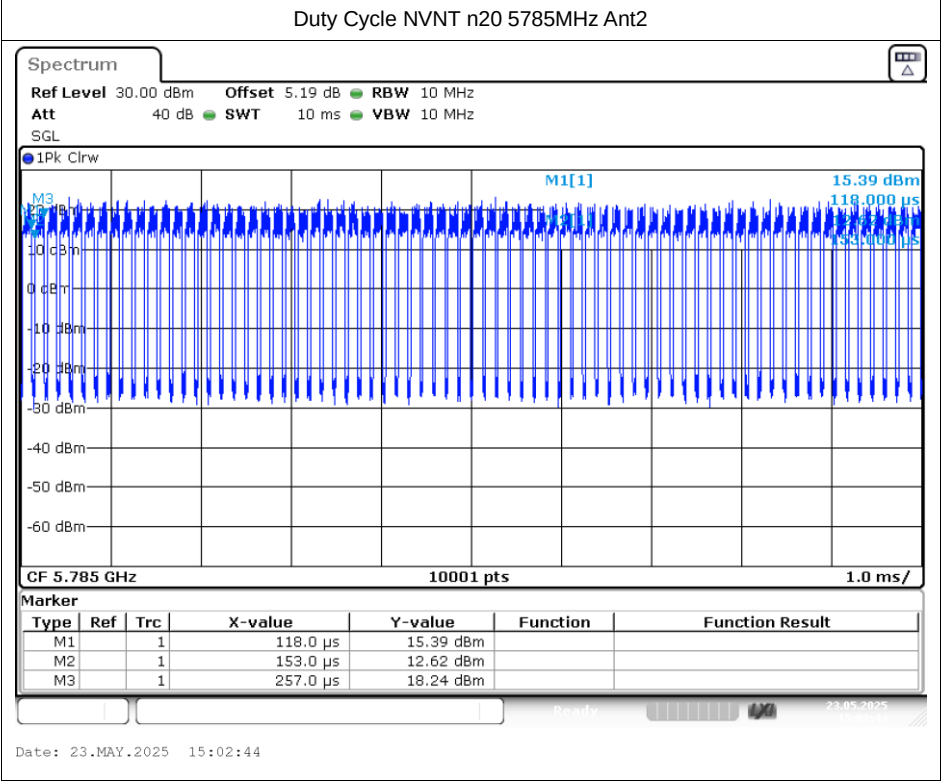
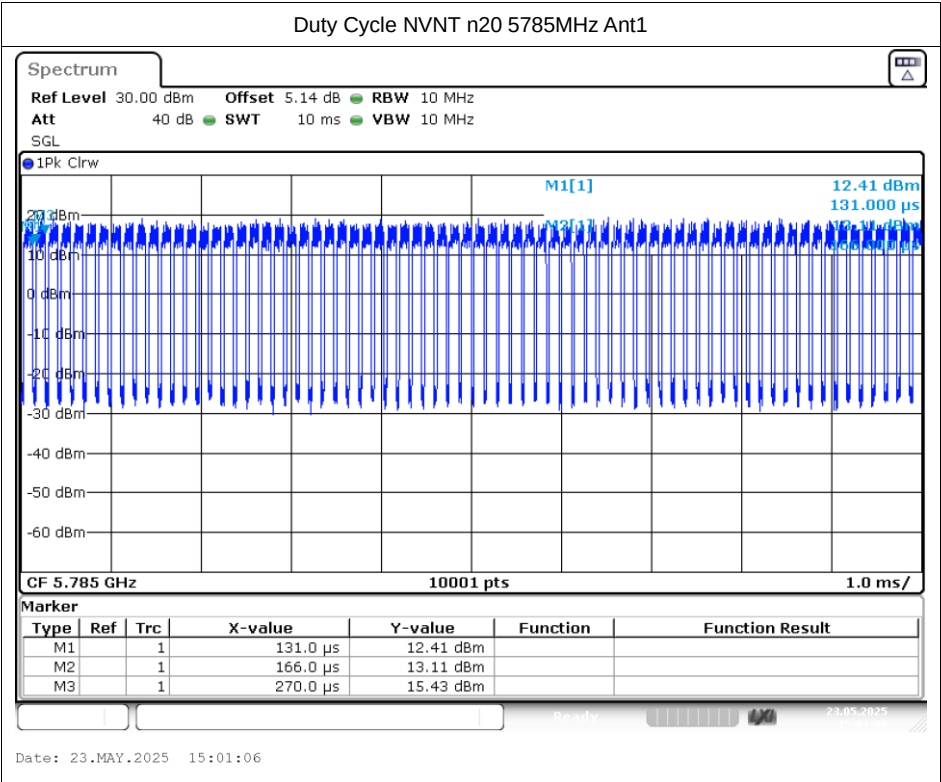


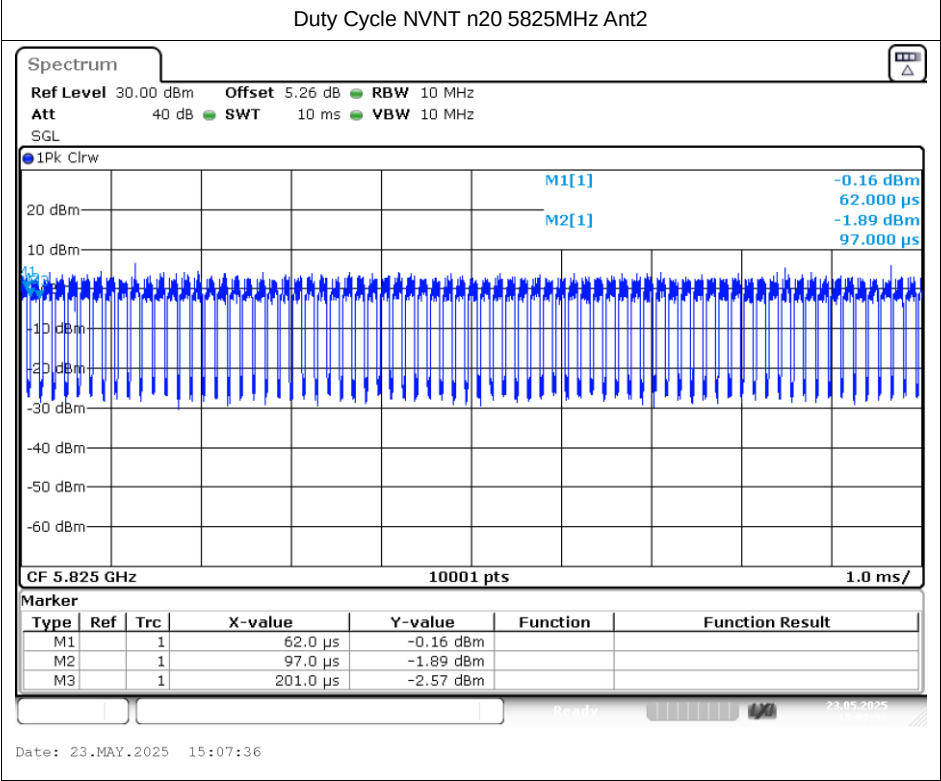
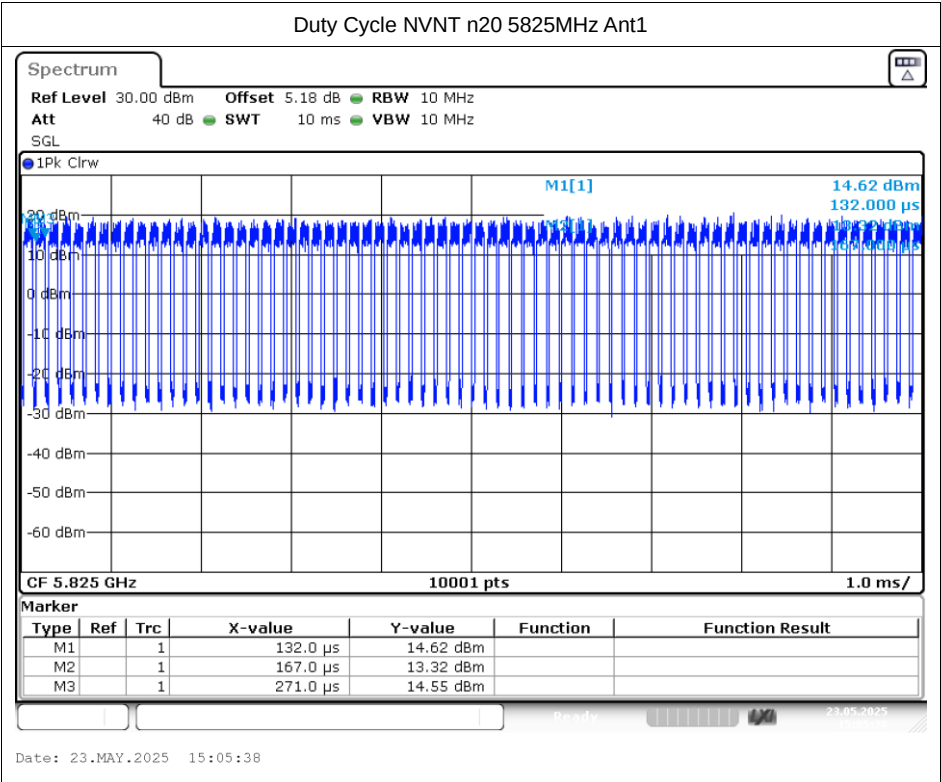
Duty Cycle NVNT n20 5745MHz Ant1



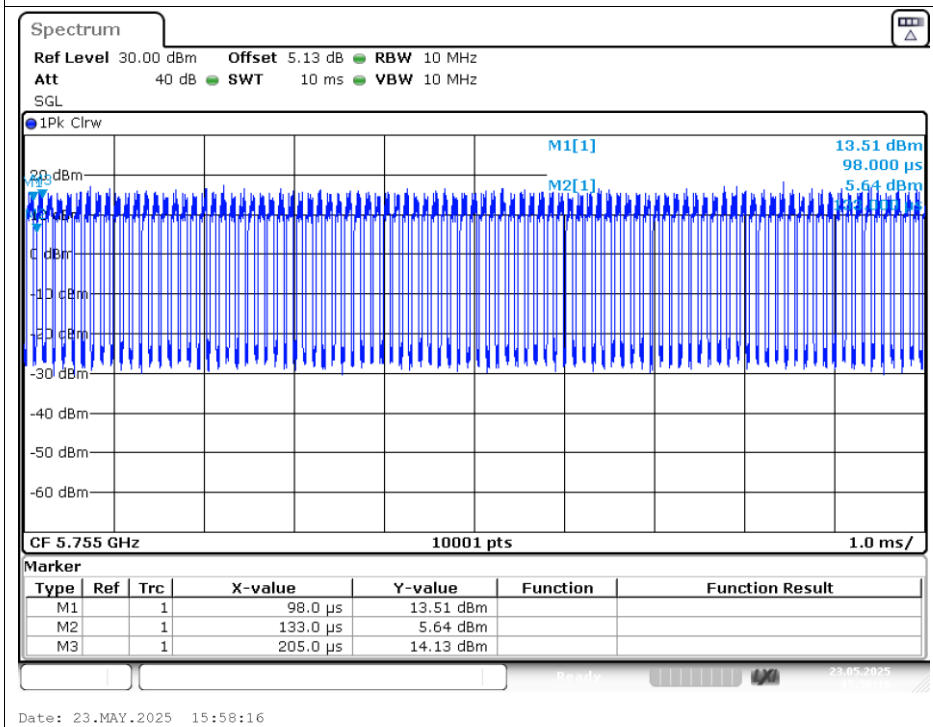
Duty Cycle NVNT n20 5745MHz Ant2



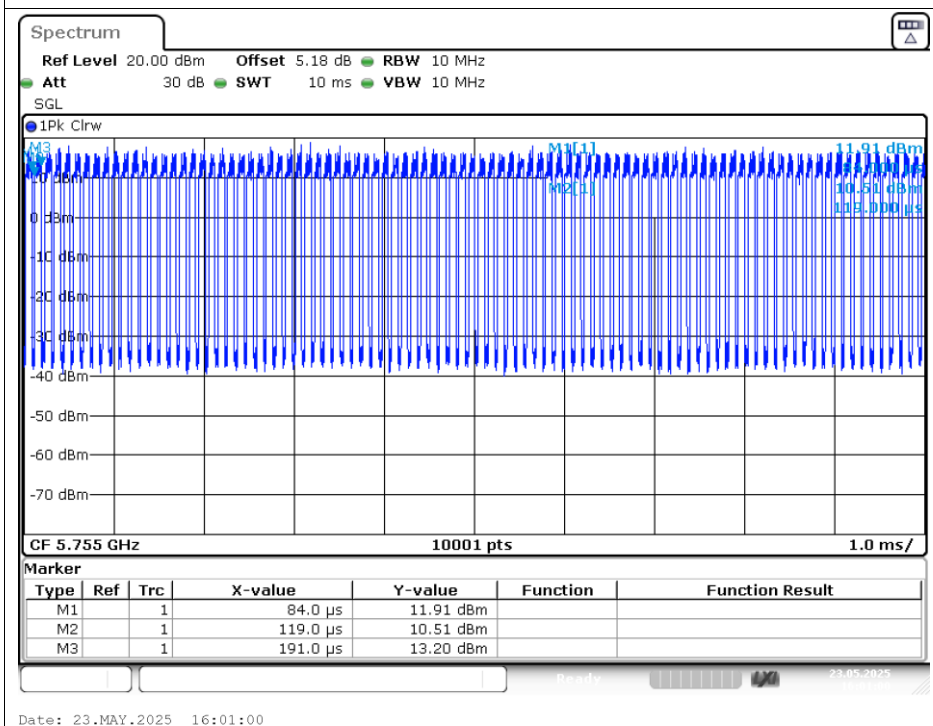




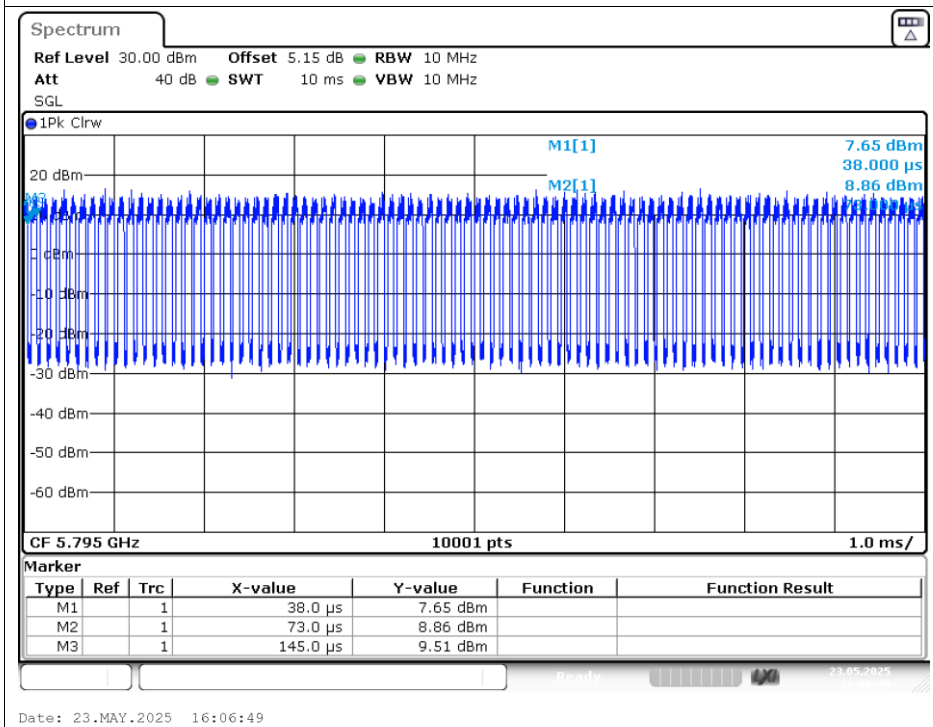
Duty Cycle NVNT n40 5755MHz Ant1



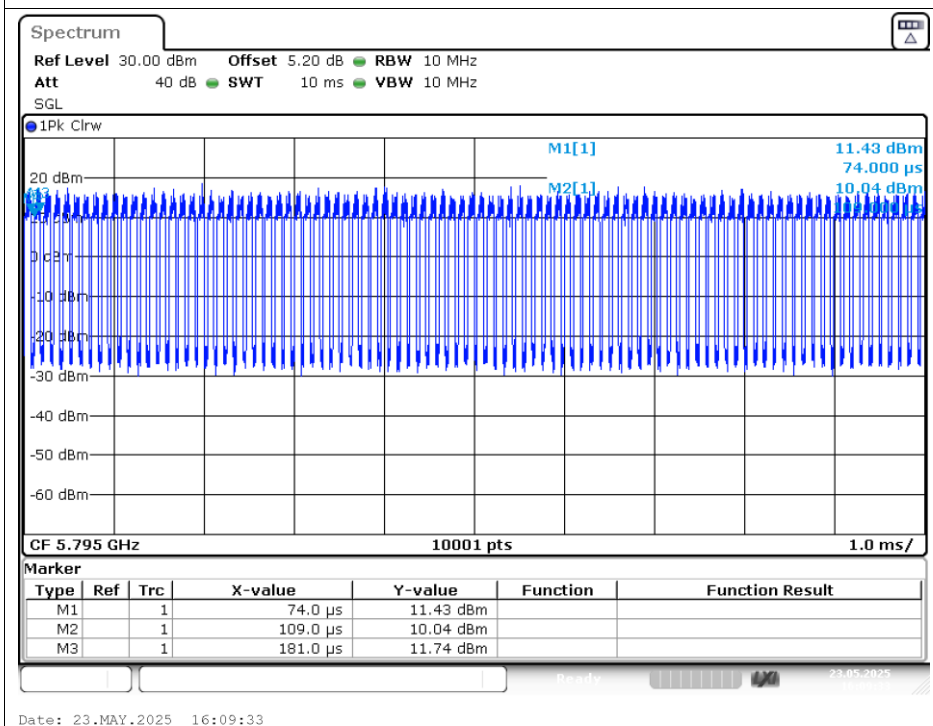
Duty Cycle NVNT n40 5755MHz Ant2



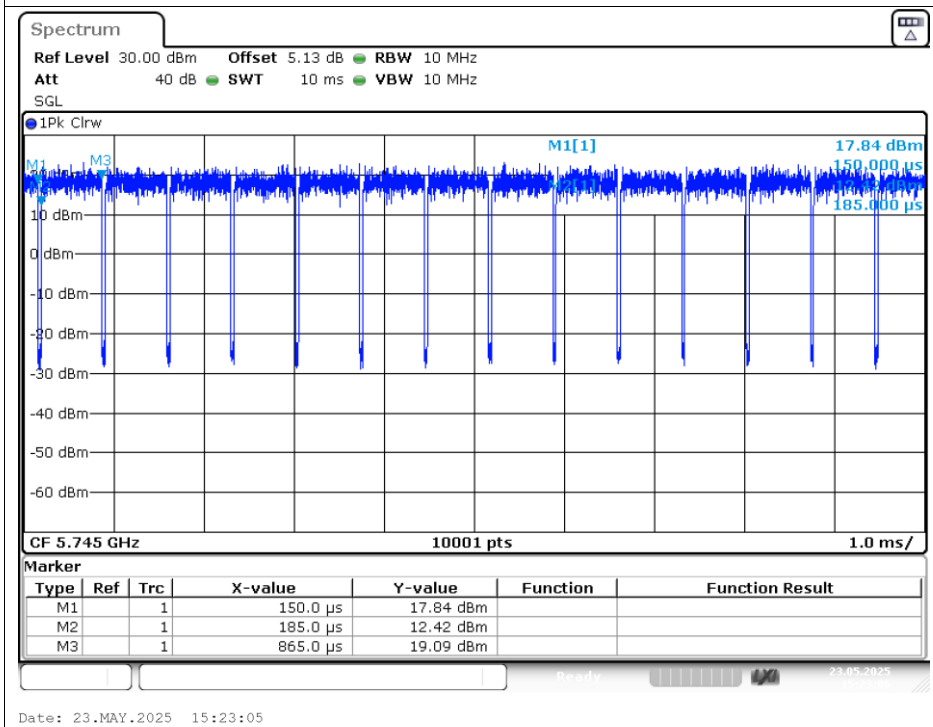
Duty Cycle NVNT n40 5795MHz Ant1



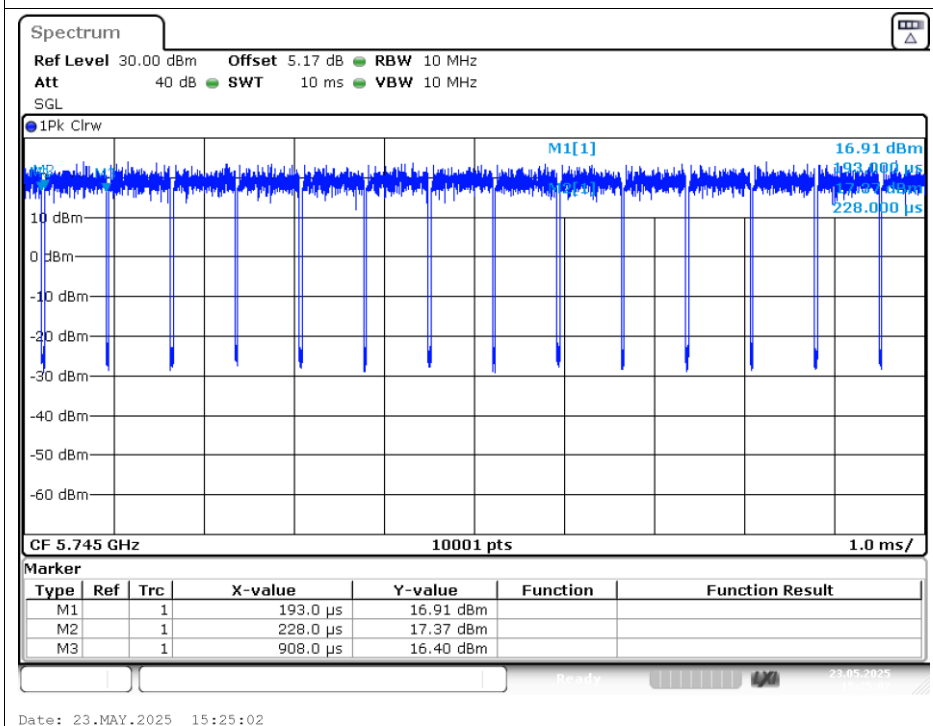
Duty Cycle NVNT n40 5795MHz Ant2



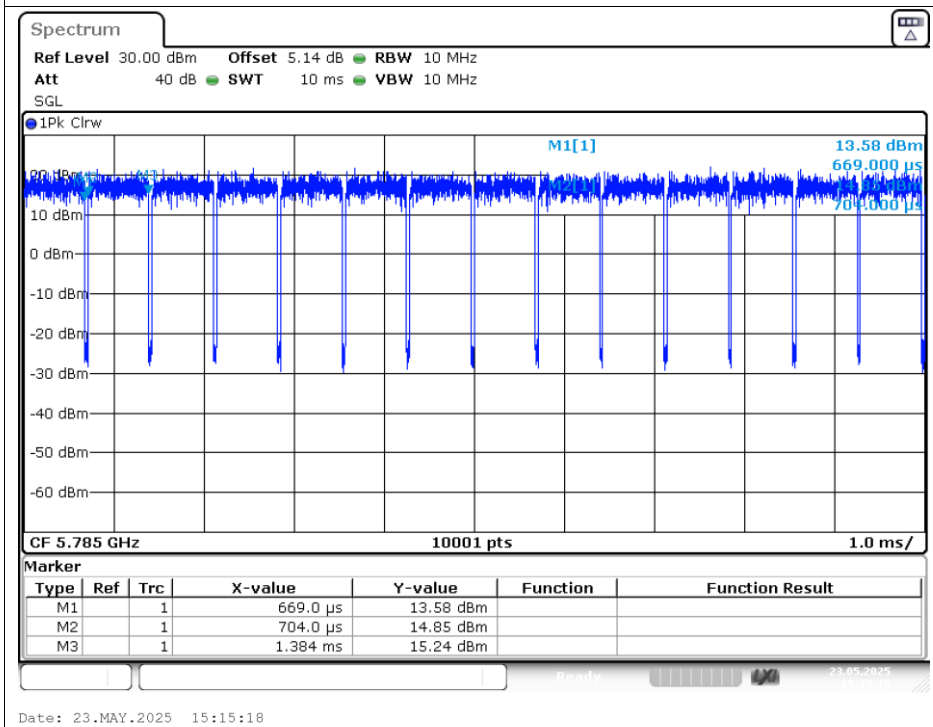
Duty Cycle NVNT ac20 5745MHz Ant1



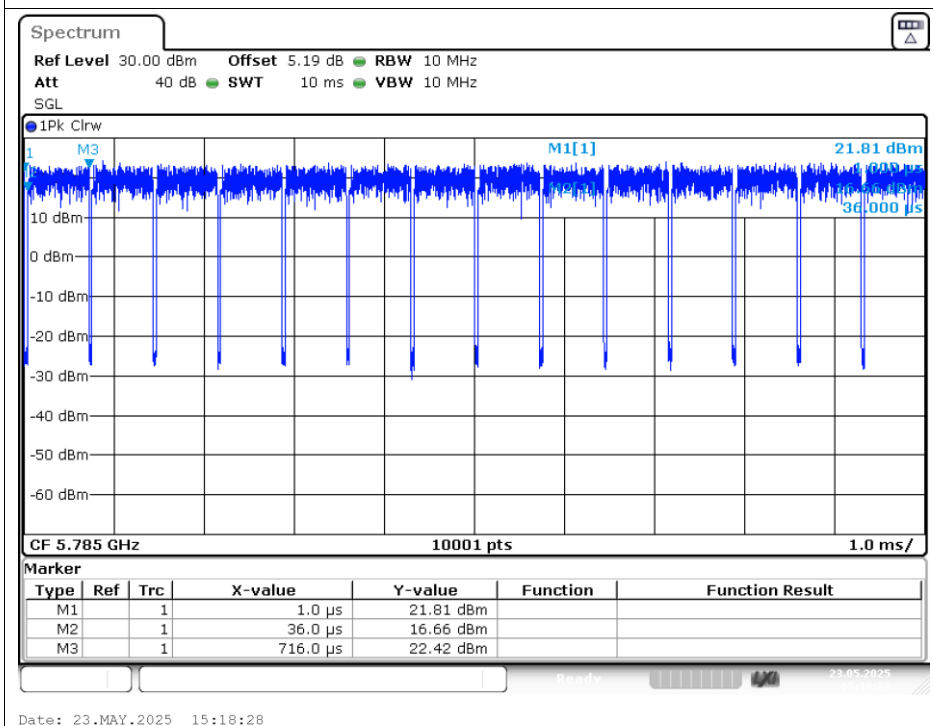
Duty Cycle NVNT ac20 5745MHz Ant2



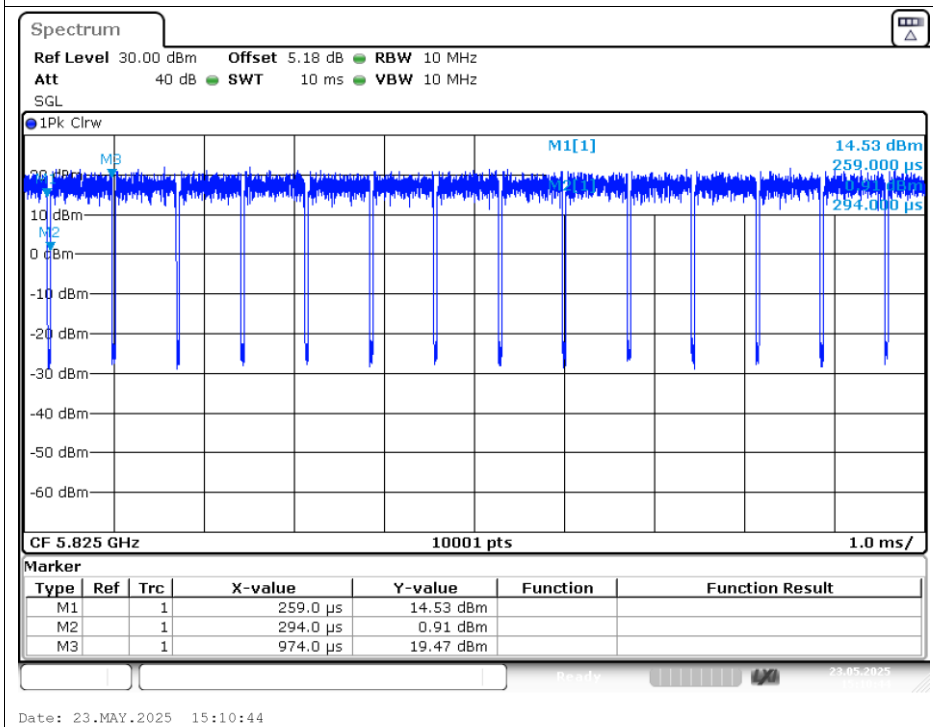
Duty Cycle NVNT ac20 5785MHz Ant1



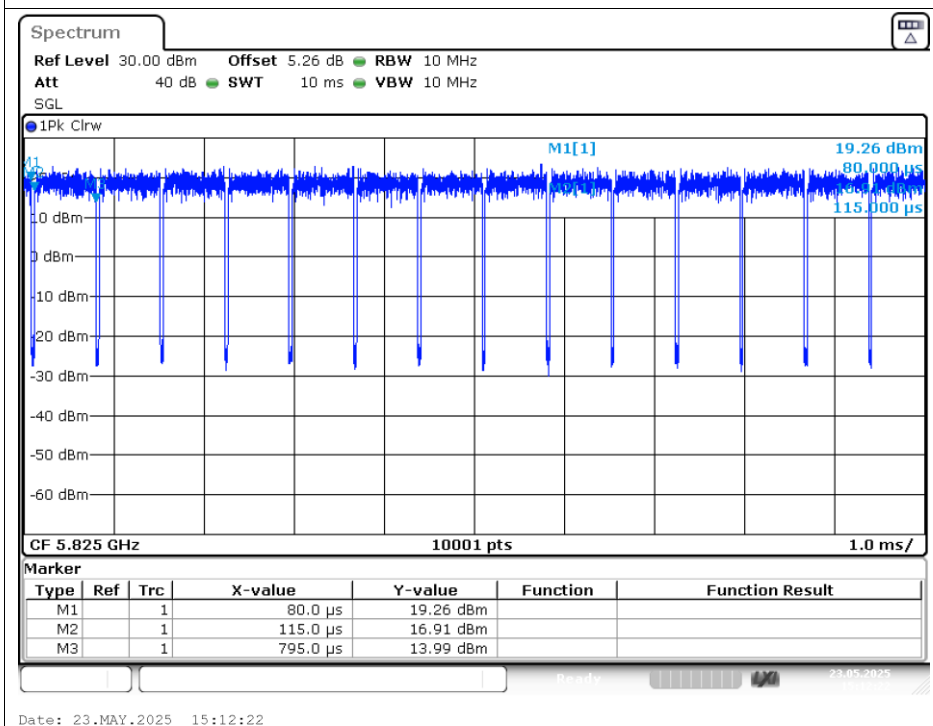
Duty Cycle NVNT ac20 5785MHz Ant2



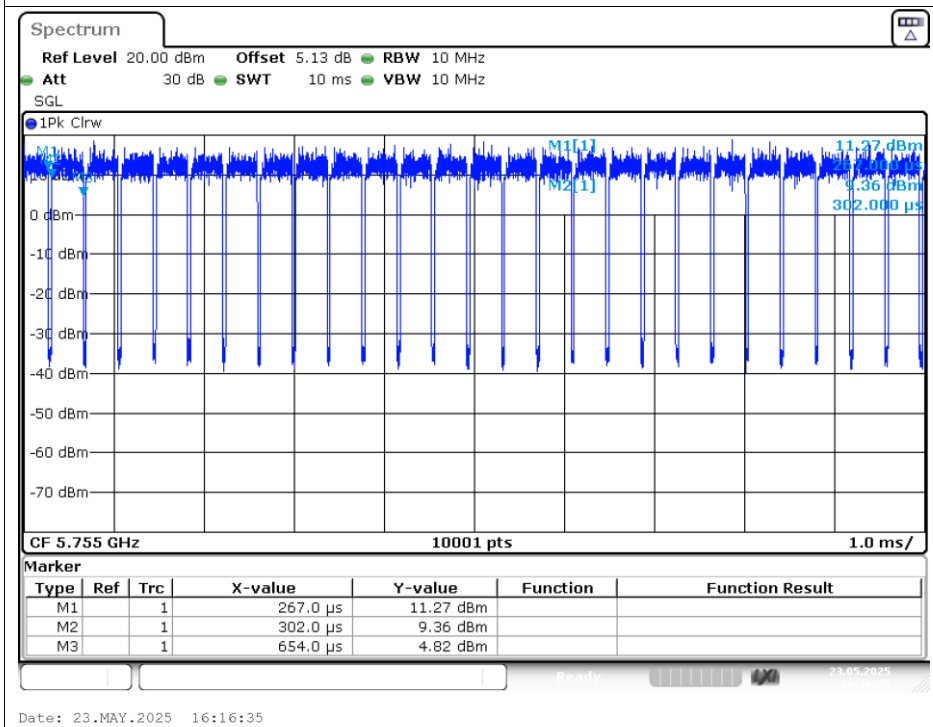
Duty Cycle NVNT ac20 5825MHz Ant1



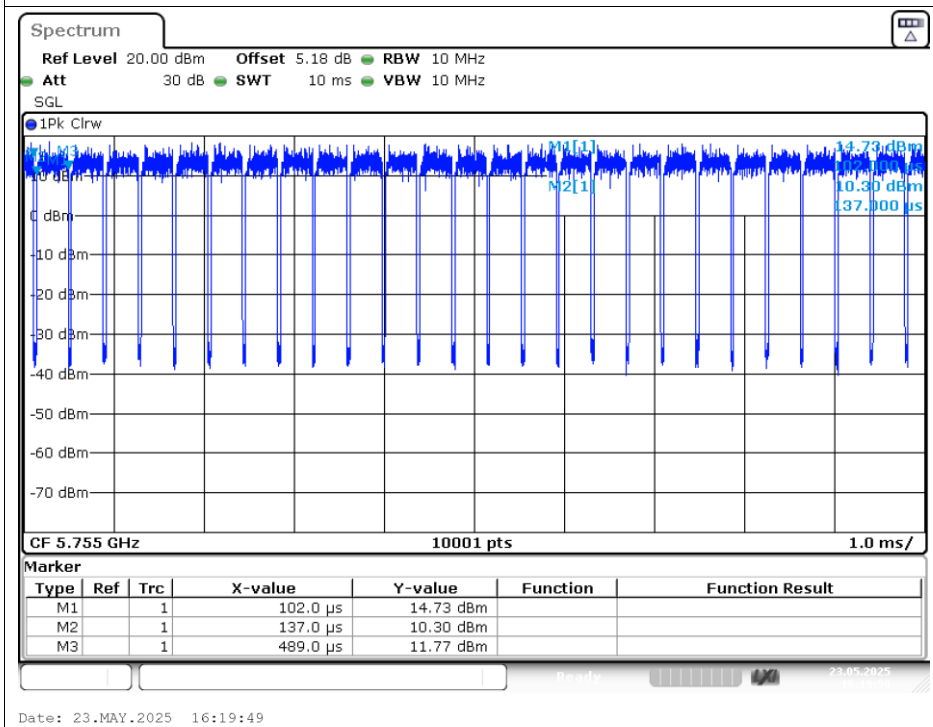
Duty Cycle NVNT ac20 5825MHz Ant2



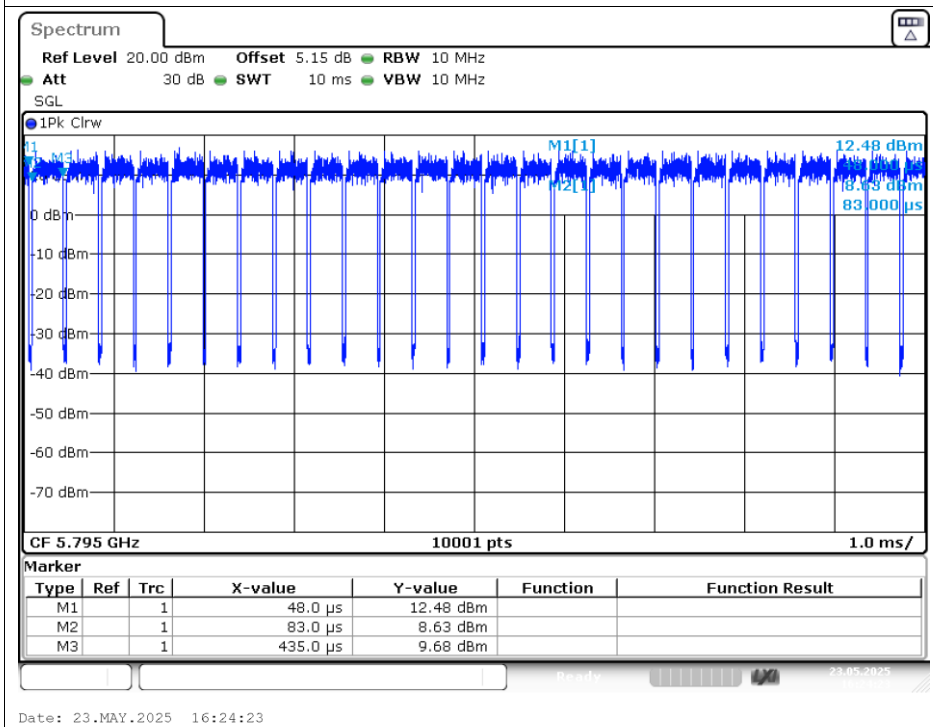
Duty Cycle NVNT ac40 5755MHz Ant1



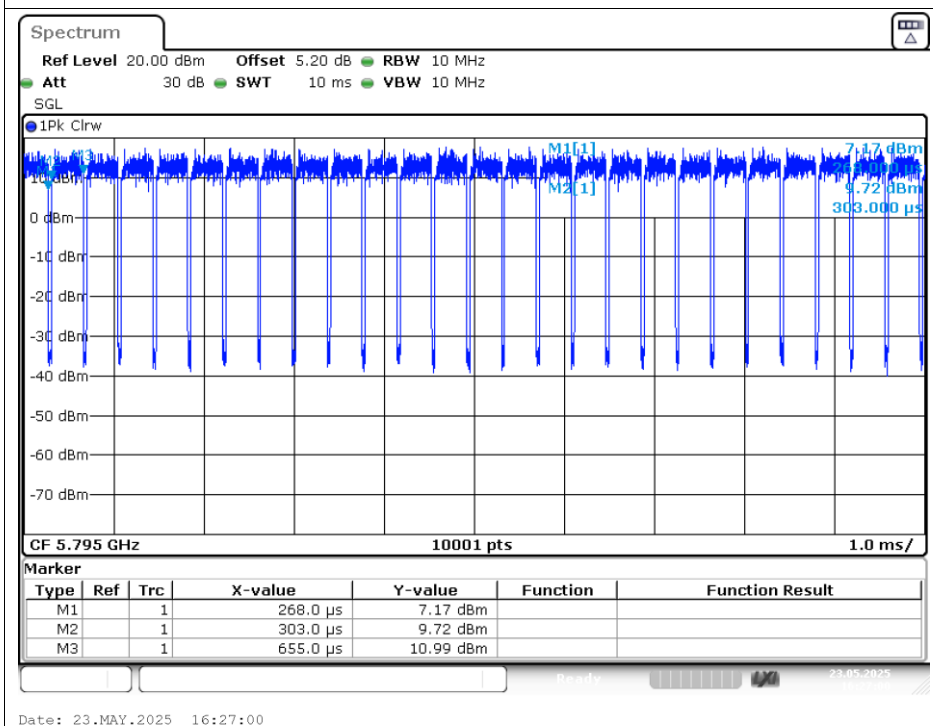
Duty Cycle NVNT ac40 5755MHz Ant2



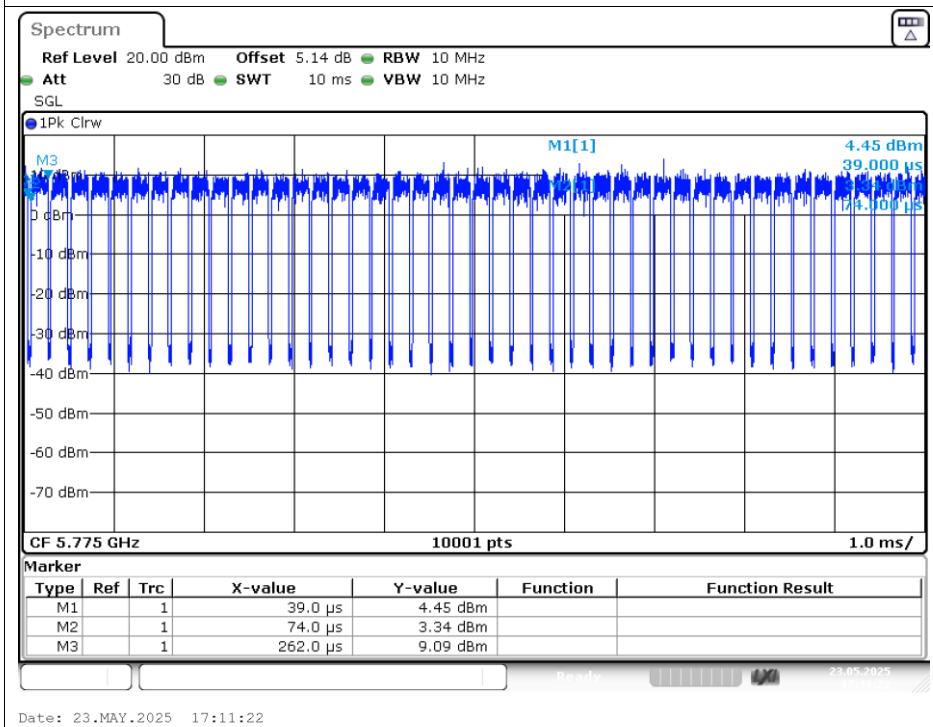
Duty Cycle NVNT ac40 5795MHz Ant1



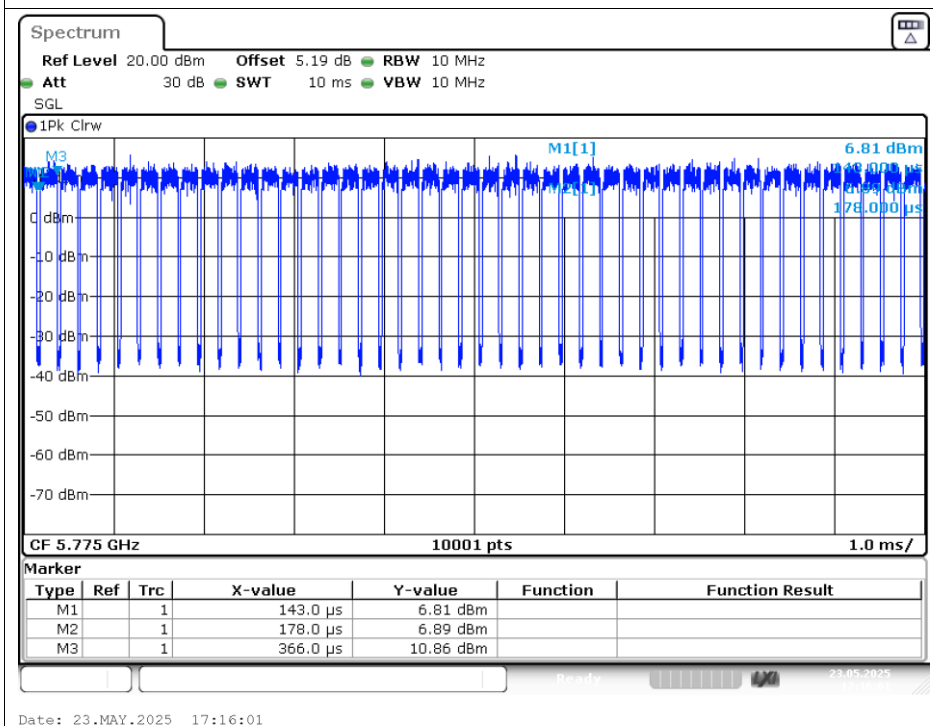
Duty Cycle NVNT ac40 5795MHz Ant2



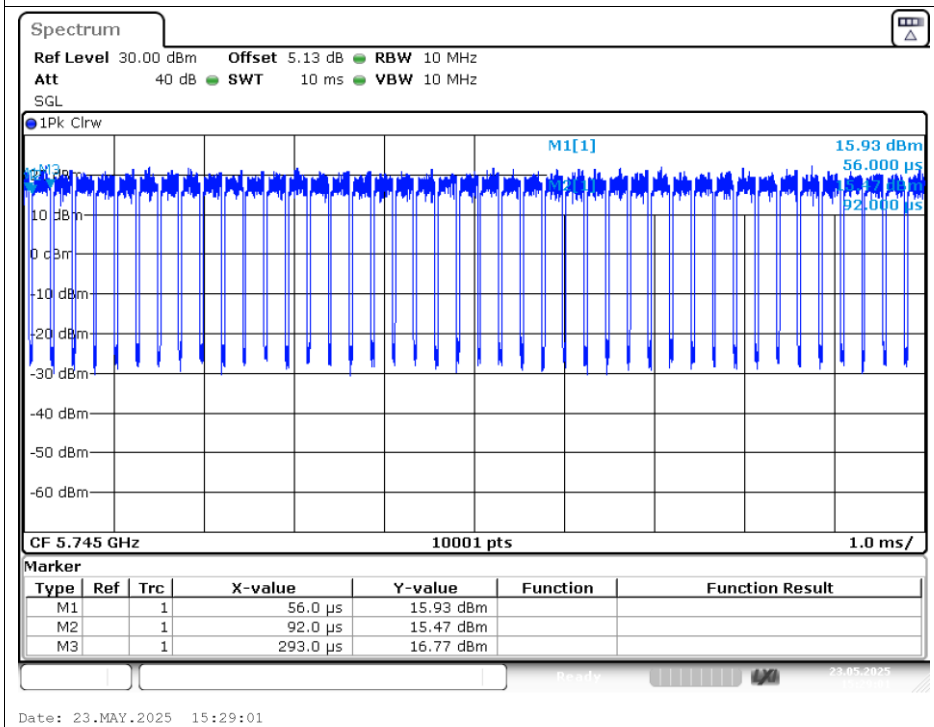
Duty Cycle NVNT ac80 5775MHz Ant1



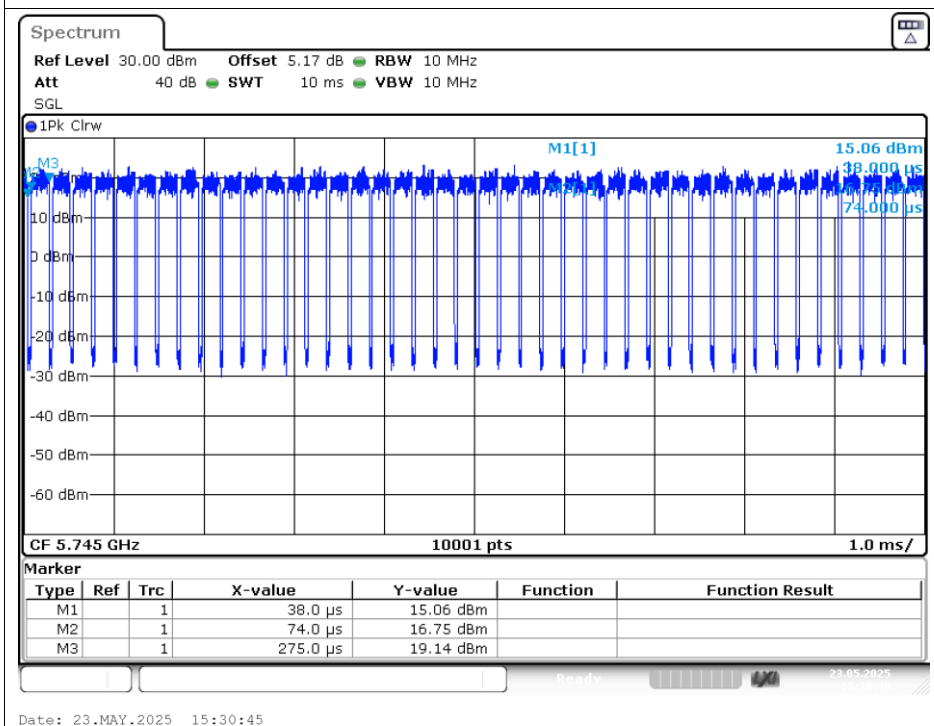
Duty Cycle NVNT ac80 5775MHz Ant2



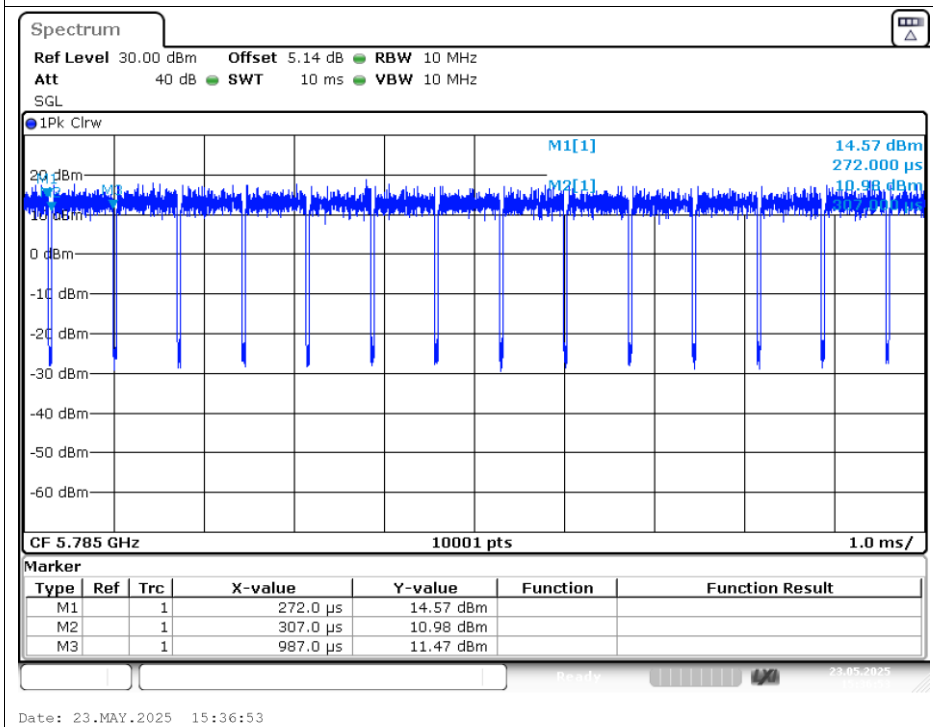
Duty Cycle NVNT ax20 5745MHz Ant1



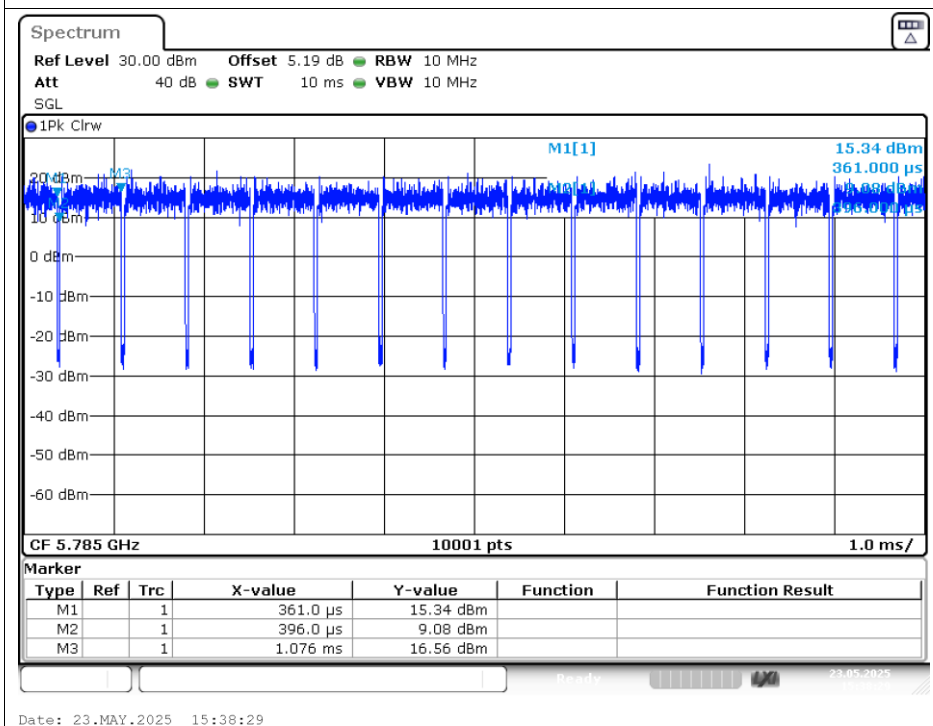
Duty Cycle NVNT ax20 5745MHz Ant2



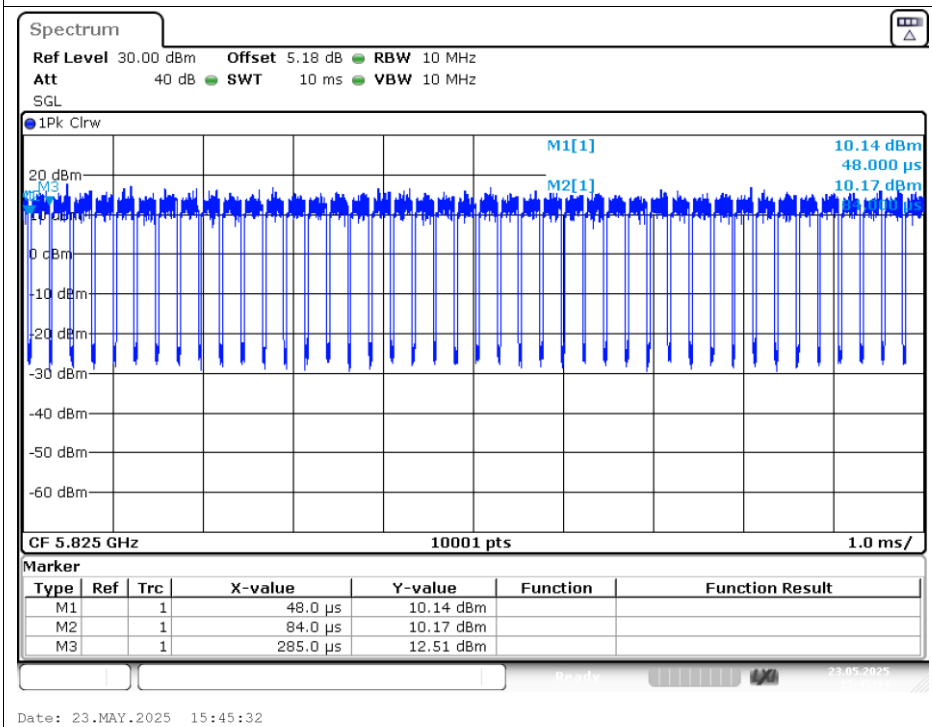
Duty Cycle NVNT ax20 5785MHz Ant1



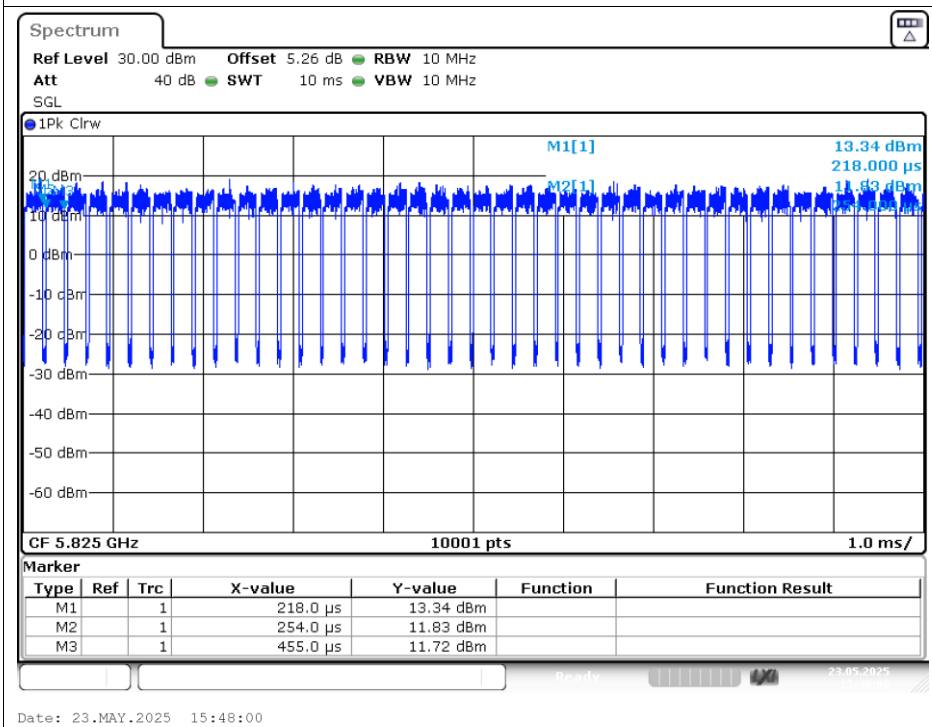
Duty Cycle NVNT ax20 5785MHz Ant2



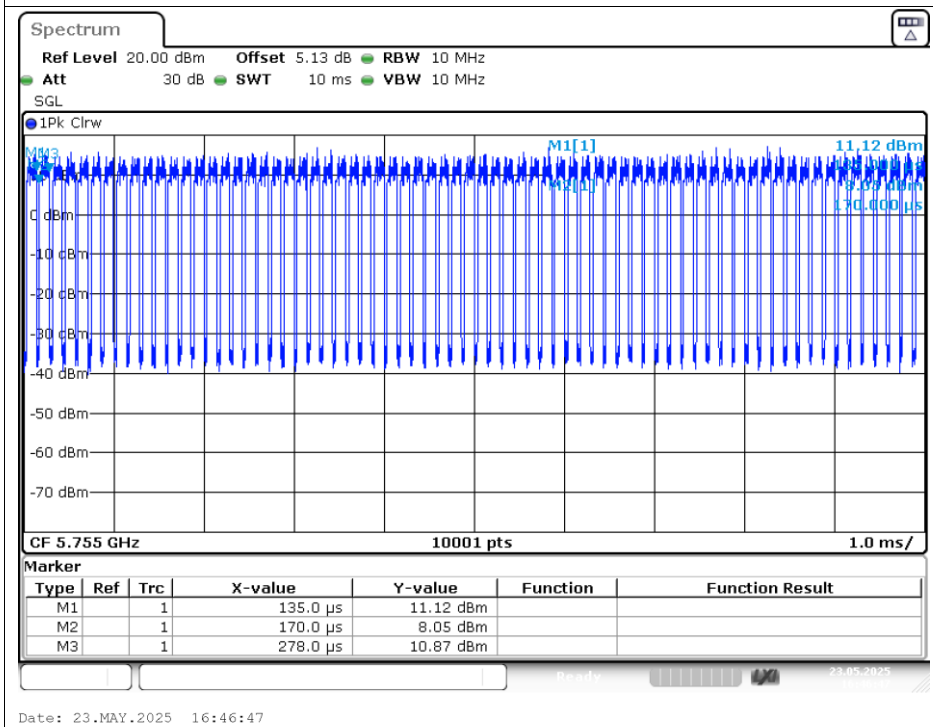
Duty Cycle NVNT ax20 5825MHz Ant1



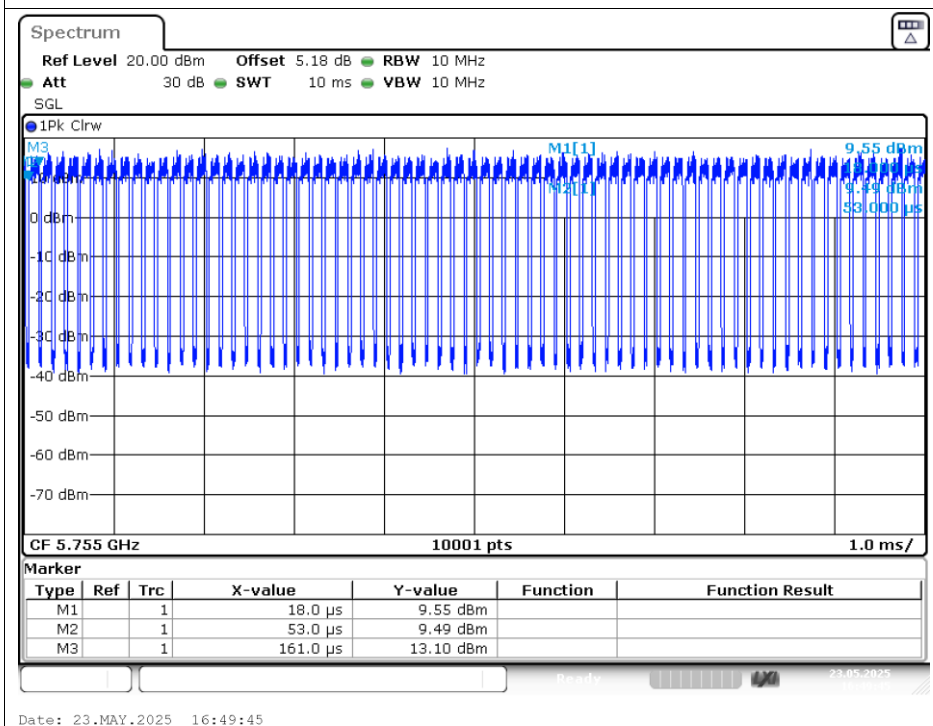
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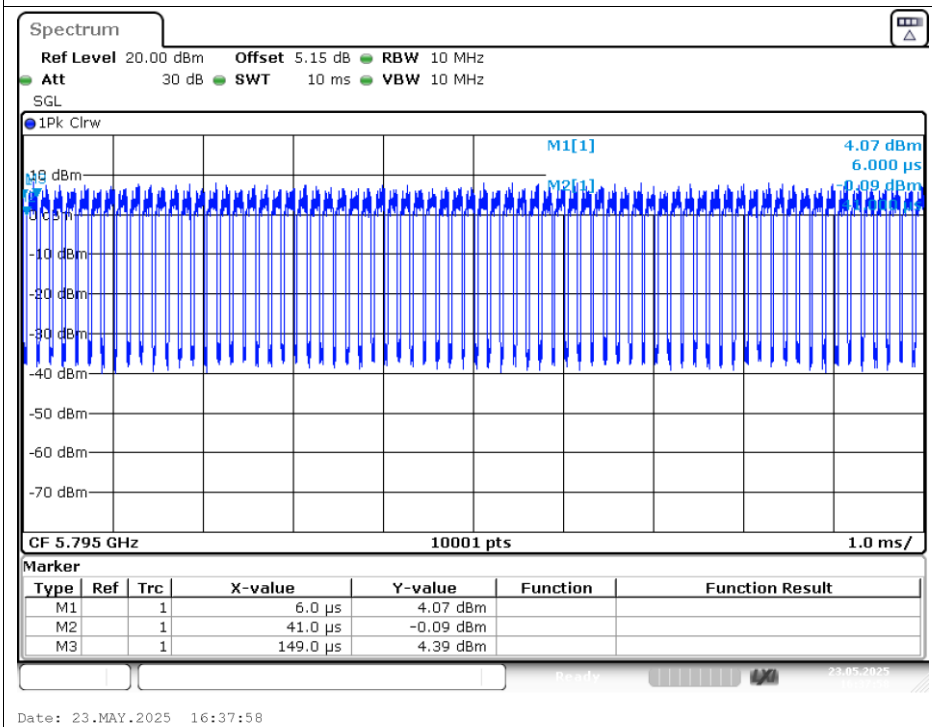
Duty Cycle NVNT ax40 5755MHz Ant1



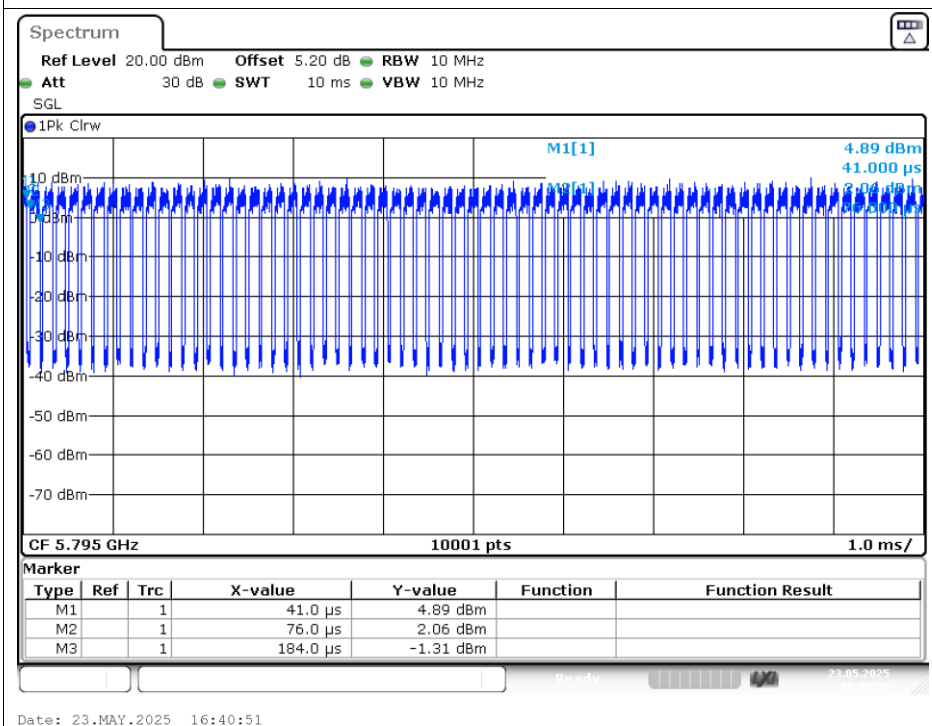
Duty Cycle NVNT ax40 5755MHz Ant2



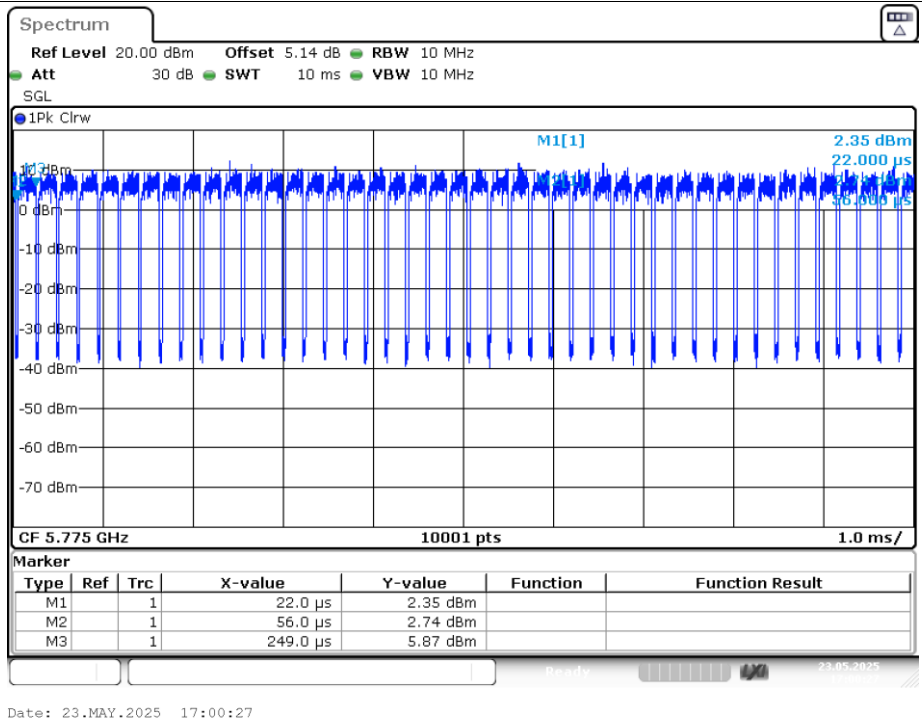
Duty Cycle NVNT ax40 5795MHz Ant1



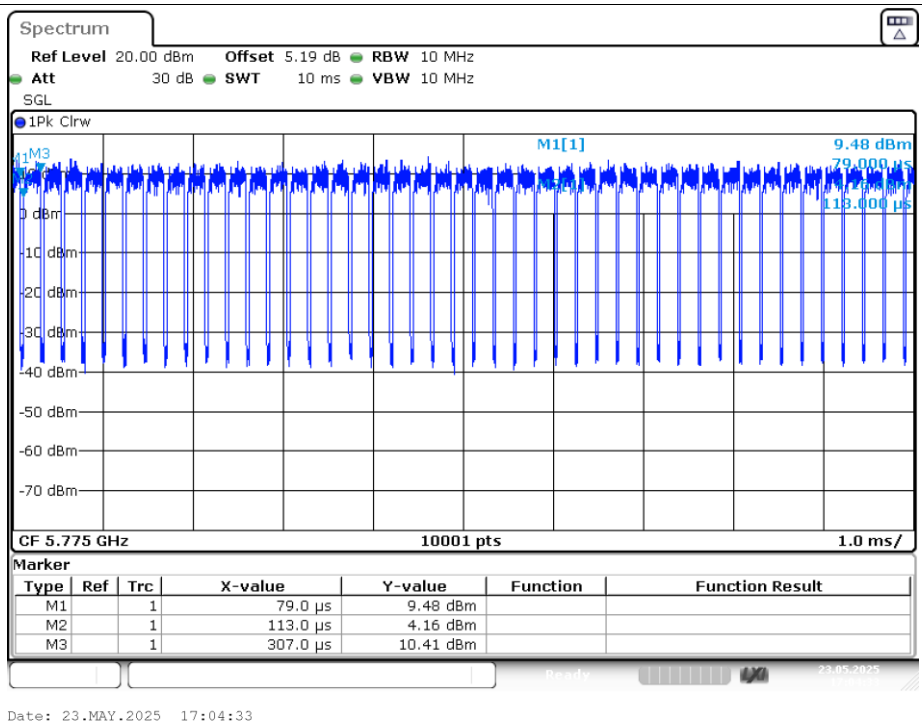
Duty Cycle NVNT ax40 5795MHz Ant2



Duty Cycle NVNT ax80 5775MHz Ant1



Duty Cycle NVNT ax80 5775MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	17.75	0.12	17.87	30	Pass
NVNT	a	5745	Ant2	17.65	0.12	17.77	30	Pass
NVNT	a	5785	Ant1	17.49	0.12	17.61	30	Pass
NVNT	a	5785	Ant2	17.22	0.12	17.34	30	Pass
NVNT	a	5825	Ant1	16.93	0.12	17.05	30	Pass
NVNT	a	5825	Ant2	17.93	0.12	17.05	30	Pass
NVNT	n20	5745	Ant1	11.52	1.46	12.98	30	Pass
NVNT	n20	5745	Ant2	13.18	1.46	14.64	30	Pass
NVNT	n20	5745	Sum	15.44	-	16.9	30	Pass
NVNT	n20	5785	Ant1	11.29	1.46	12.75	30	Pass
NVNT	n20	5785	Ant2	12.96	1.46	14.42	30	Pass
NVNT	n20	5785	Sum	15.22	-	16.68	30	Pass
NVNT	n20	5825	Ant1	10.84	1.46	12.3	30	Pass
NVNT	n20	5825	Ant2	12.35	1.46	13.81	30	Pass
NVNT	n20	5825	Sum	14.67	-	16.13	30	Pass
NVNT	n40	5755	Ant1	9.28	1.96	11.24	30	Pass
NVNT	n40	5755	Ant2	10.97	1.96	12.93	30	Pass
NVNT	n40	5755	Sum	13.22	-	15.18	30	Pass
NVNT	n40	5795	Ant1	8.96	1.96	10.92	30	Pass
NVNT	n40	5795	Ant2	10.62	1.96	12.58	30	Pass
NVNT	n40	5795	Sum	12.88	-	14.84	30	Pass
NVNT	ac20	5745	Ant1	10.86	0.25	11.11	30	Pass
NVNT	ac20	5745	Ant2	12.6	0.19	12.79	30	Pass
NVNT	ac20	5745	Sum	14.83	-	15.04	30	Pass
NVNT	ac20	5785	Ant1	10.66	0.25	10.91	30	Pass
NVNT	ac20	5785	Ant2	12.27	0.25	12.52	30	Pass
NVNT	ac20	5785	Sum	14.55	-	14.8	30	Pass
NVNT	ac20	5825	Ant1	10.14	0.25	10.39	30	Pass
NVNT	ac20	5825	Ant2	11.71	0.25	11.96	30	Pass
NVNT	ac20	5825	Sum	14.01	-	14.26	30	Pass
NVNT	ac40	5755	Ant1	10.61	0.47	11.08	30	Pass
NVNT	ac40	5755	Ant2	12.3	0.47	12.77	30	Pass
NVNT	ac40	5755	Sum	14.55	-	15.02	30	Pass
NVNT	ac40	5795	Ant1	10.31	0.47	10.78	30	Pass
NVNT	ac40	5795	Ant2	11.96	0.47	12.43	30	Pass
NVNT	ac40	5795	Sum	14.22	-	14.69	30	Pass
NVNT	ac80	5775	Ant1	10.94	0.64	11.58	30	Pass
NVNT	ac80	5775	Ant2	12.76	0.64	13.4	30	Pass
NVNT	ac80	5775	Sum	14.95	-	15.59	30	Pass

NVNT	ax20	5745	Ant1	9.46	0.79	10.25	30	Pass
NVNT	ax20	5745	Ant2	11.1	0.79	11.89	30	Pass
NVNT	ax20	5745	Sum	13.37	-	14.16	30	Pass
NVNT	ax20	5785	Ant1	10.6	0.25	10.85	30	Pass
NVNT	ax20	5785	Ant2	12.42	0.19	12.61	30	Pass
NVNT	ax20	5785	Sum	14.61	-	14.83	30	Pass
NVNT	ax20	5825	Ant1	8.79	0.79	9.58	30	Pass
NVNT	ax20	5825	Ant2	10.46	0.79	11.25	30	Pass
NVNT	ax20	5825	Sum	12.72	-	13.51	30	Pass
NVNT	ax40	5755	Ant1	10.47	1.05	11.52	30	Pass
NVNT	ax40	5755	Ant2	12.2	1.05	13.25	30	Pass
NVNT	ax40	5755	Sum	14.43	-	15.48	30	Pass
NVNT	ax40	5795	Ant1	10	1.05	11.05	30	Pass
NVNT	ax40	5795	Ant2	11.74	1.05	12.79	30	Pass
NVNT	ax40	5795	Sum	13.97	-	15.02	30	Pass
NVNT	ax80	5775	Ant1	9.72	0.83	10.55	30	Pass
NVNT	ax80	5775	Ant2	11.47	0.83	12.3	30	Pass
NVNT	ax80	5775	Sum	13.69	-	14.52	30	Pass

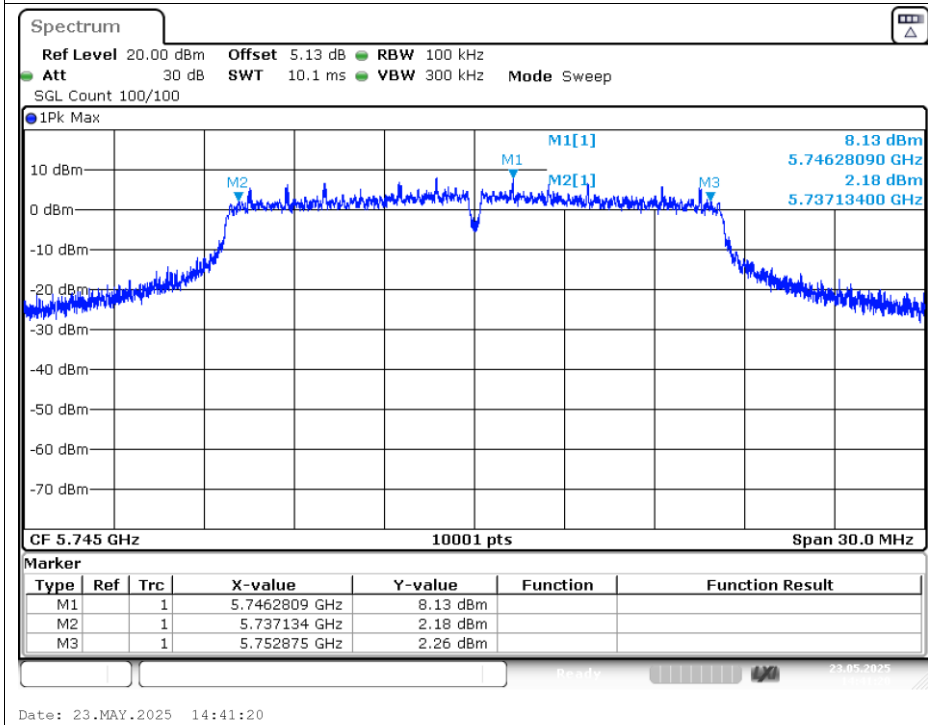
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.74	0.5	Pass
NVNT	a	5745	Ant2	15.69	0.5	Pass
NVNT	a	5785	Ant1	15.29	0.5	Pass
NVNT	a	5785	Ant2	15.71	0.5	Pass
NVNT	a	5825	Ant1	15.38	0.5	Pass
NVNT	a	5825	Ant2	15.08	0.5	Pass
NVNT	n20	5745	Ant1	17.53	0.5	Pass
NVNT	n20	5745	Ant2	17.57	0.5	Pass
NVNT	n20	5785	Ant1	17.57	0.5	Pass
NVNT	n20	5785	Ant2	16.99	0.5	Pass
NVNT	n20	5825	Ant1	16.59	0.5	Pass
NVNT	n20	5825	Ant2	17.57	0.5	Pass
NVNT	n40	5755	Ant1	32.58	0.5	Pass
NVNT	n40	5755	Ant2	35.06	0.5	Pass
NVNT	n40	5795	Ant1	31.32	0.5	Pass
NVNT	n40	5795	Ant2	35.08	0.5	Pass
NVNT	ac20	5745	Ant1	15.92	0.5	Pass
NVNT	ac20	5745	Ant2	16.89	0.5	Pass
NVNT	ac20	5785	Ant1	16.05	0.5	Pass
NVNT	ac20	5785	Ant2	16.31	0.5	Pass
NVNT	ac20	5825	Ant1	15.66	0.5	Pass
NVNT	ac20	5825	Ant2	16.27	0.5	Pass
NVNT	ac40	5755	Ant1	32.57	0.5	Pass
NVNT	ac40	5755	Ant2	35.05	0.5	Pass
NVNT	ac40	5795	Ant1	32.55	0.5	Pass
NVNT	ac40	5795	Ant2	35.04	0.5	Pass
NVNT	ac80	5775	Ant1	75.18	0.5	Pass
NVNT	ac80	5775	Ant2	75.1	0.5	Pass
NVNT	ax20	5745	Ant1	18.13	0.5	Pass
NVNT	ax20	5745	Ant2	17.55	0.5	Pass
NVNT	ax20	5785	Ant1	16.4	0.5	Pass
NVNT	ax20	5785	Ant2	16.34	0.5	Pass
NVNT	ax20	5825	Ant1	17.71	0.5	Pass
NVNT	ax20	5825	Ant2	17.79	0.5	Pass
NVNT	ax40	5755	Ant1	36.59	0.5	Pass
NVNT	ax40	5755	Ant2	38.06	0.5	Pass
NVNT	ax40	5795	Ant1	36.48	0.5	Pass
NVNT	ax40	5795	Ant2	38.14	0.5	Pass
NVNT	ax80	5775	Ant1	77.71	0.5	Pass

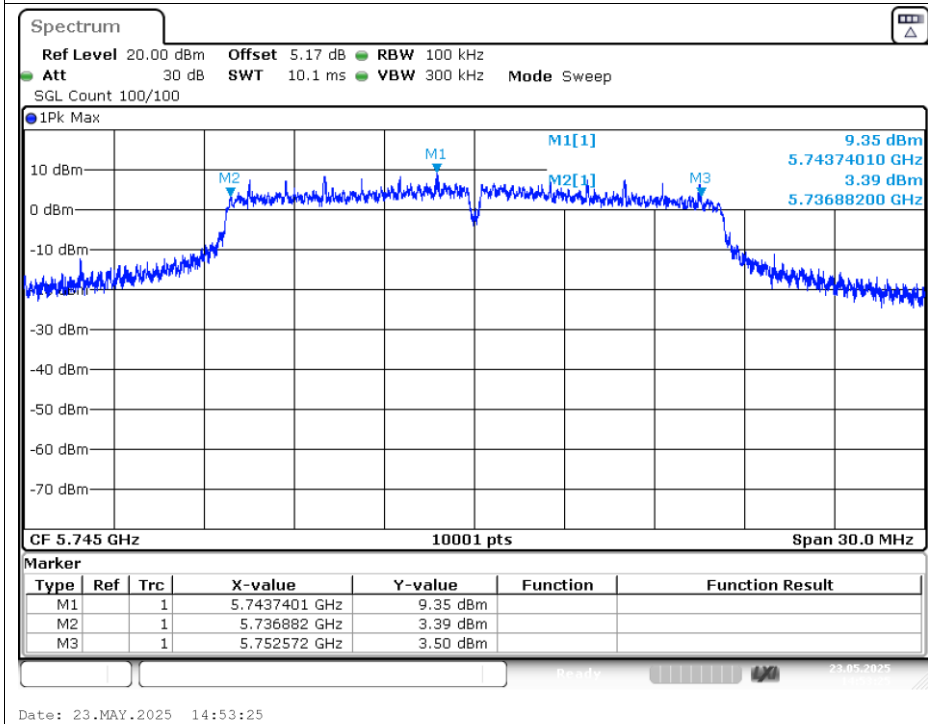
NVNT	ax80	5775	Ant2	75.07	0.5	Pass
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Test Graphs

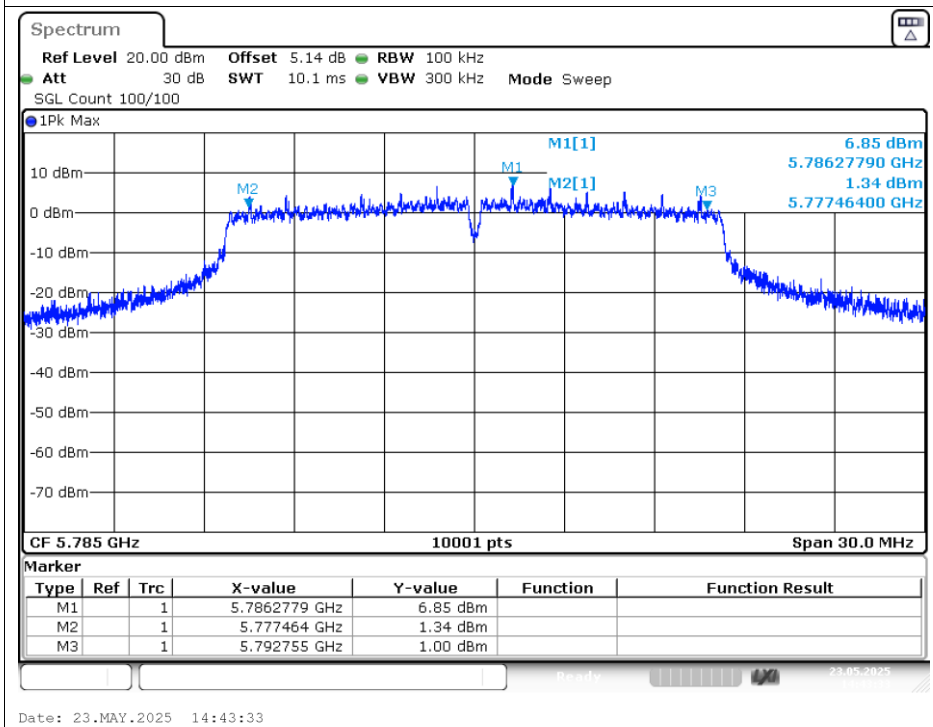
-6dB Bandwidth NVNT a 5745MHz Ant1



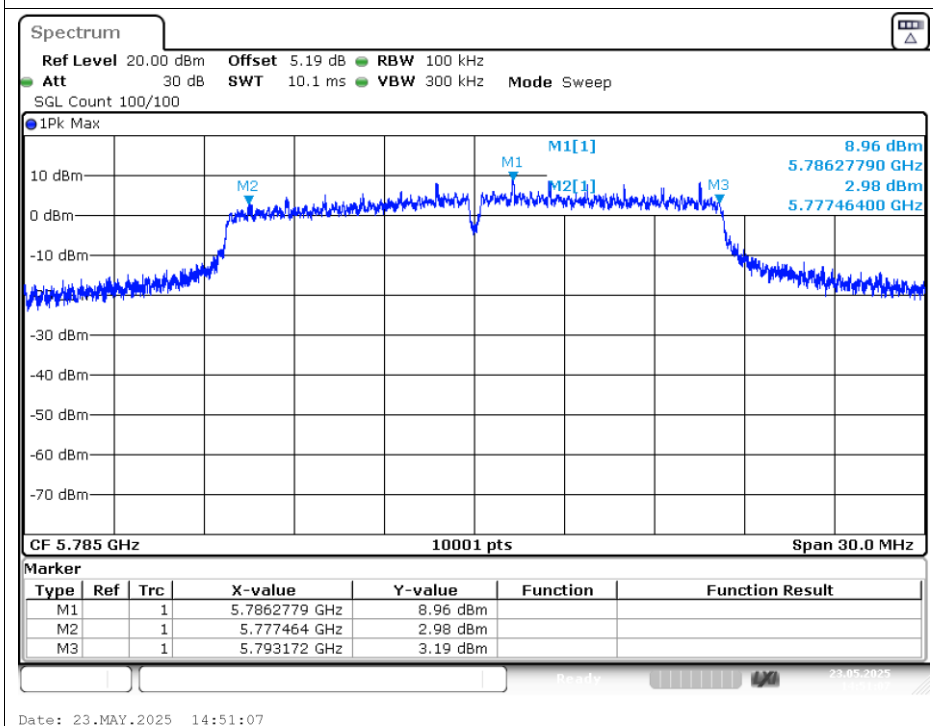
-6dB Bandwidth NVNT a 5745MHz Ant2



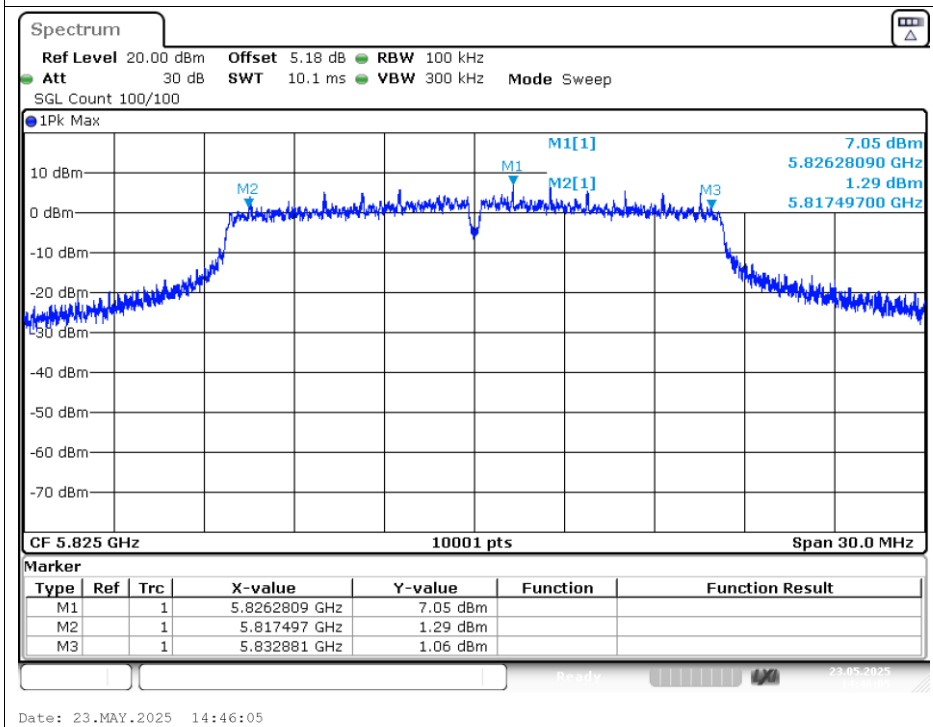
-6dB Bandwidth NVNT a 5785MHz Ant1



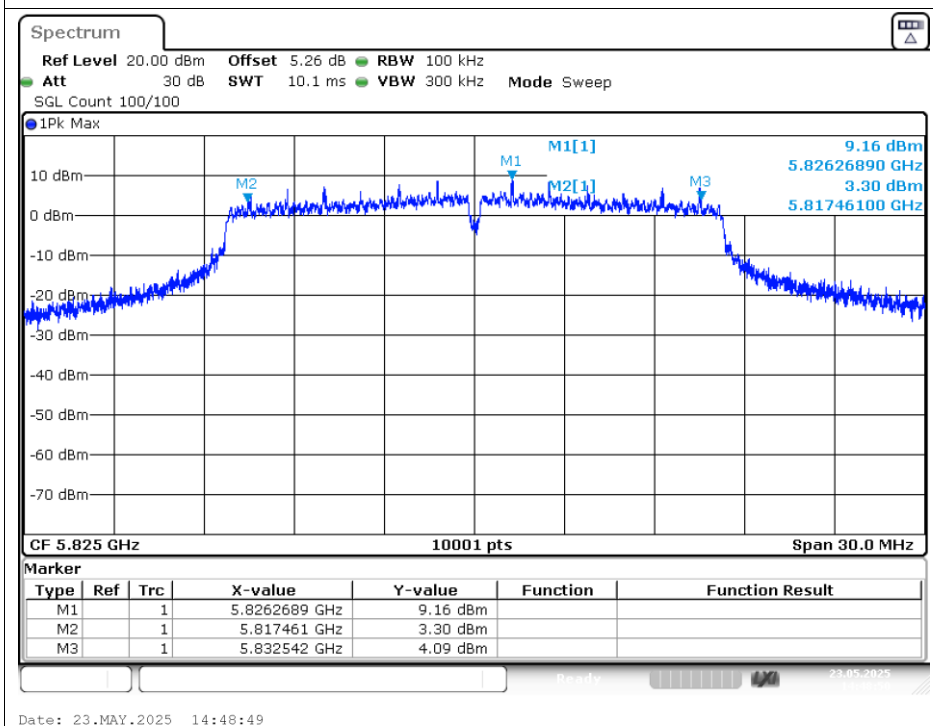
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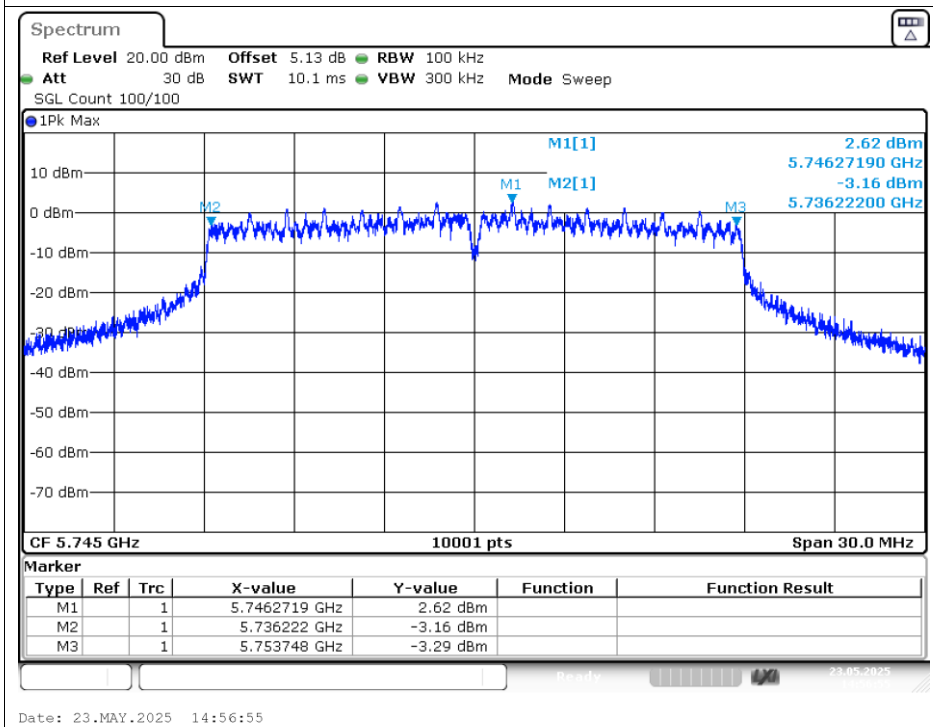
-6dB Bandwidth NVNT a 5825MHz Ant1



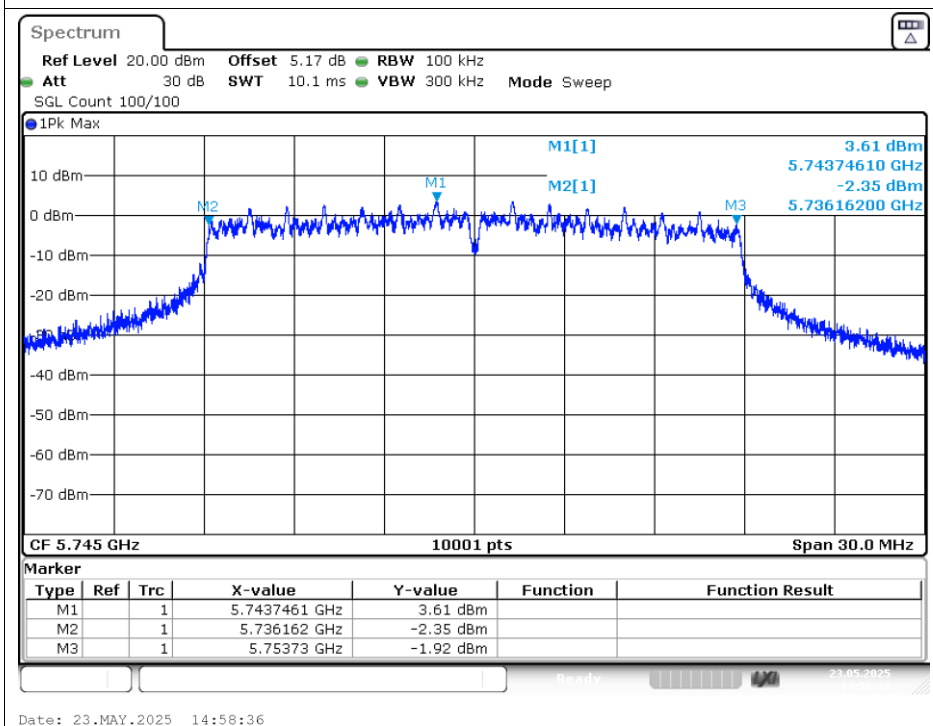
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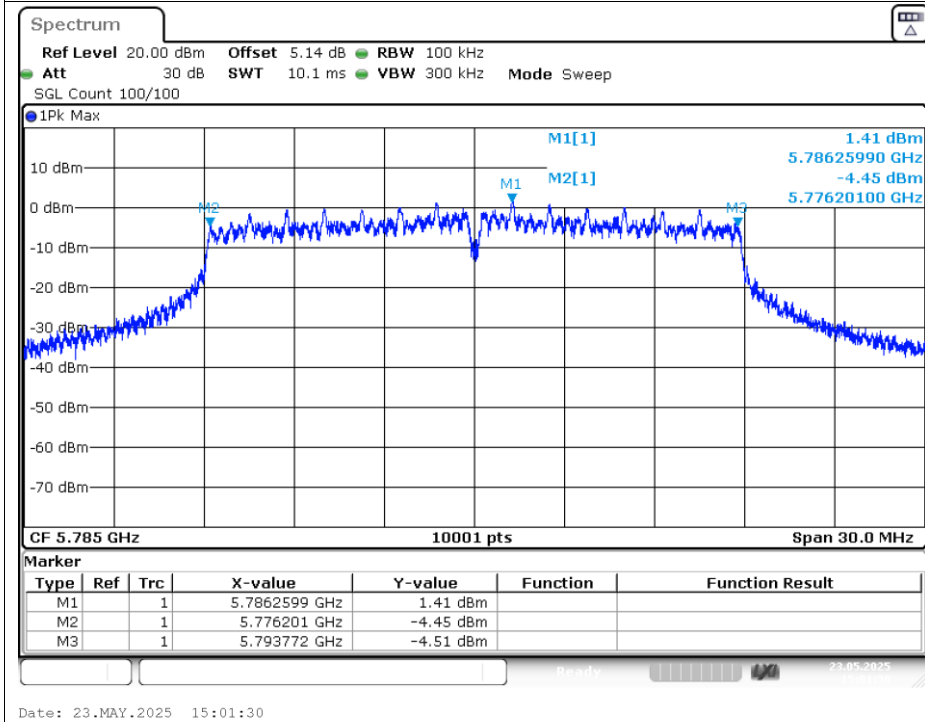
-6dB Bandwidth NVNT n20 5745MHz Ant1



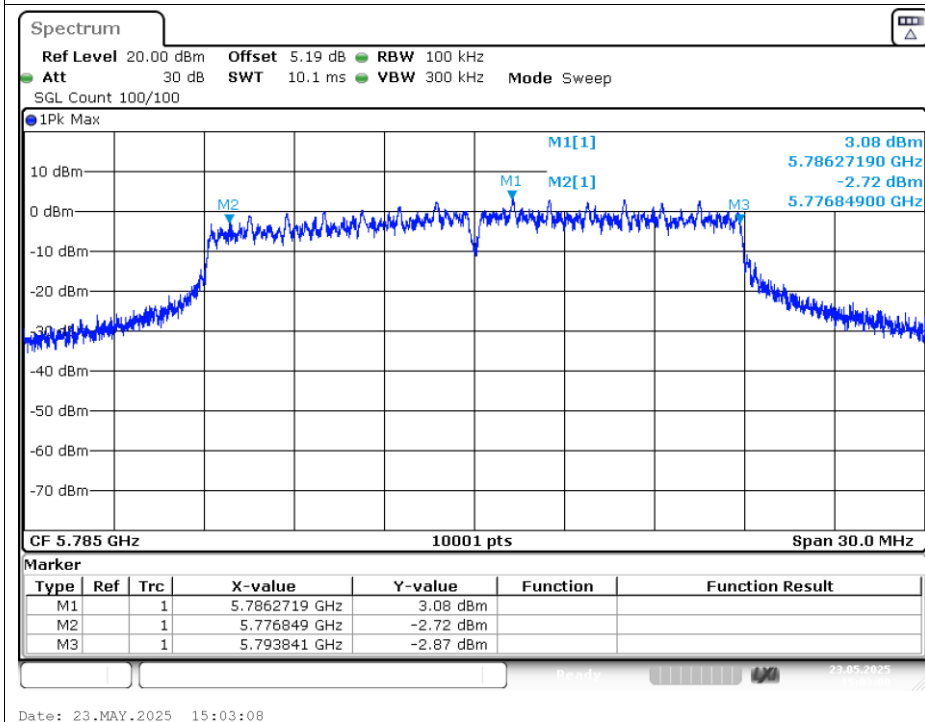
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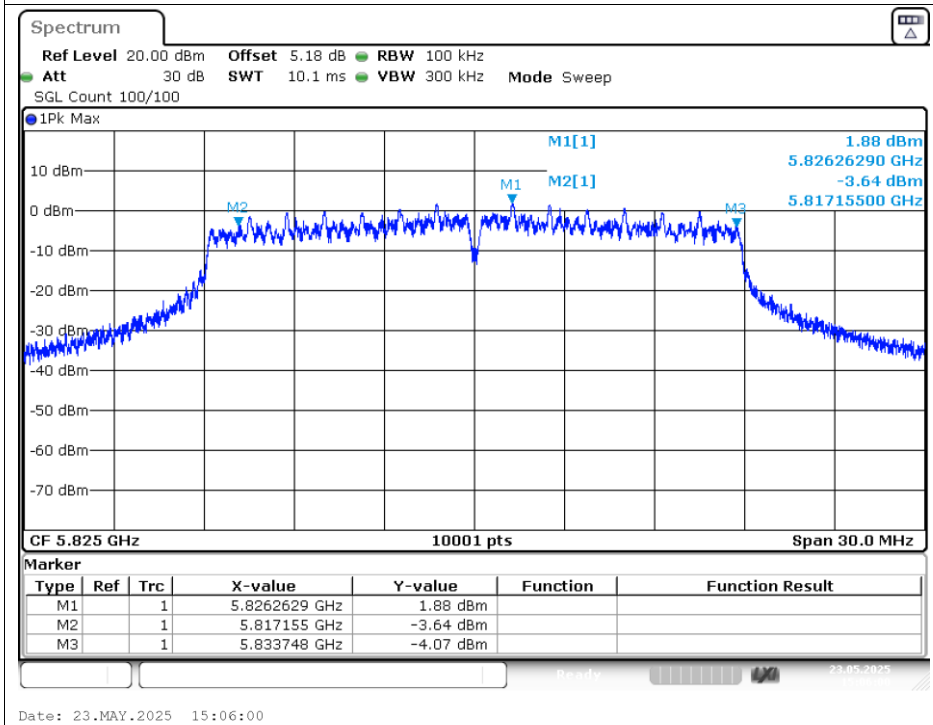
-6dB Bandwidth NVNT n20 5785MHz Ant1



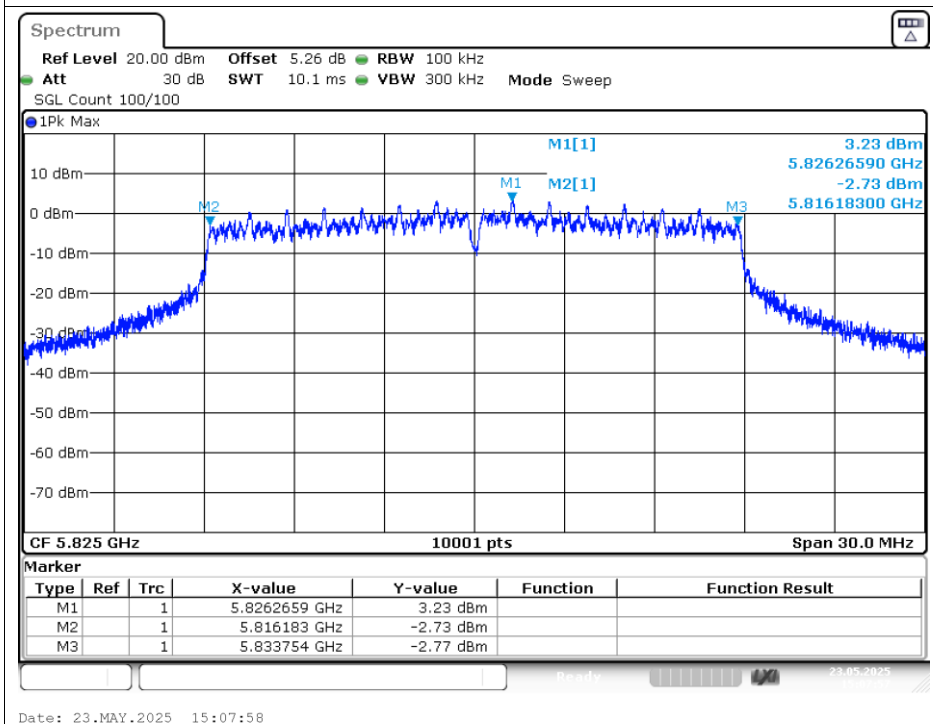
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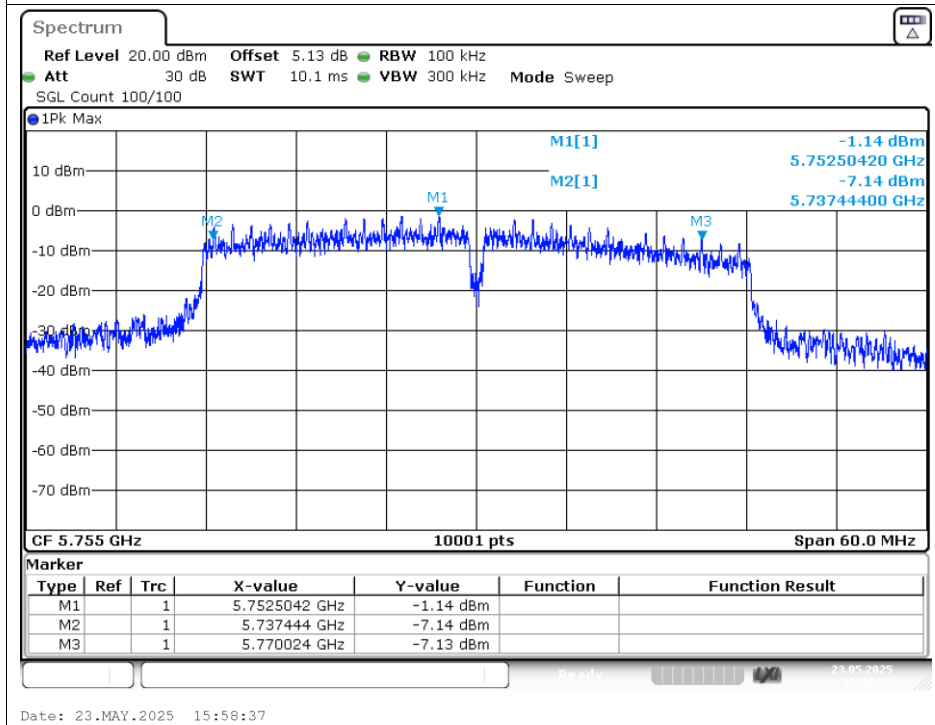
-6dB Bandwidth NVNT n20 5825MHz Ant1



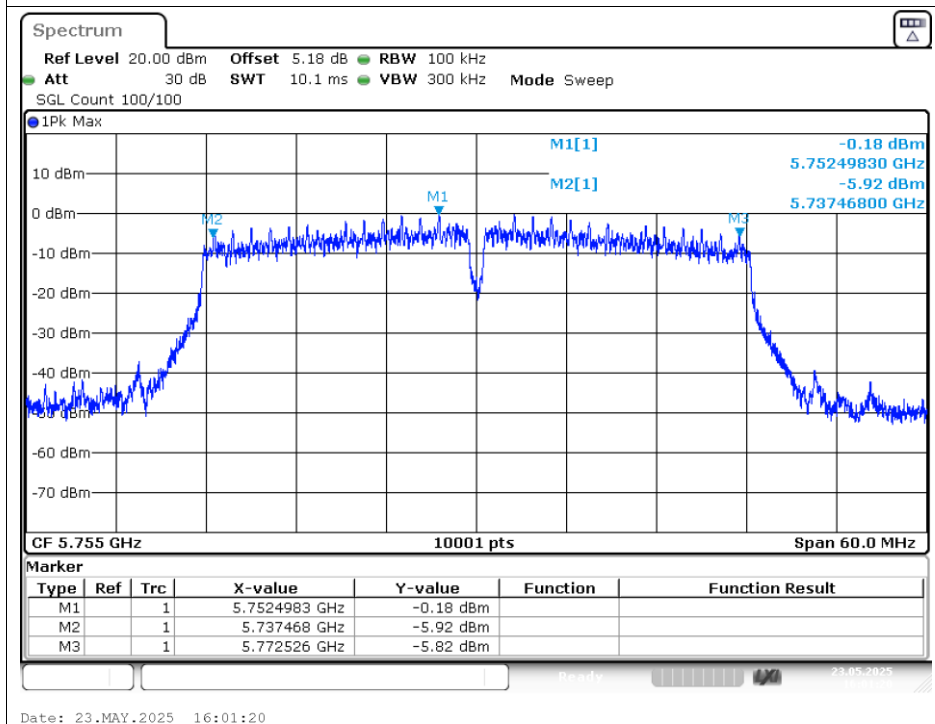
-6dB Bandwidth NVNT n20 5825MHz Ant2



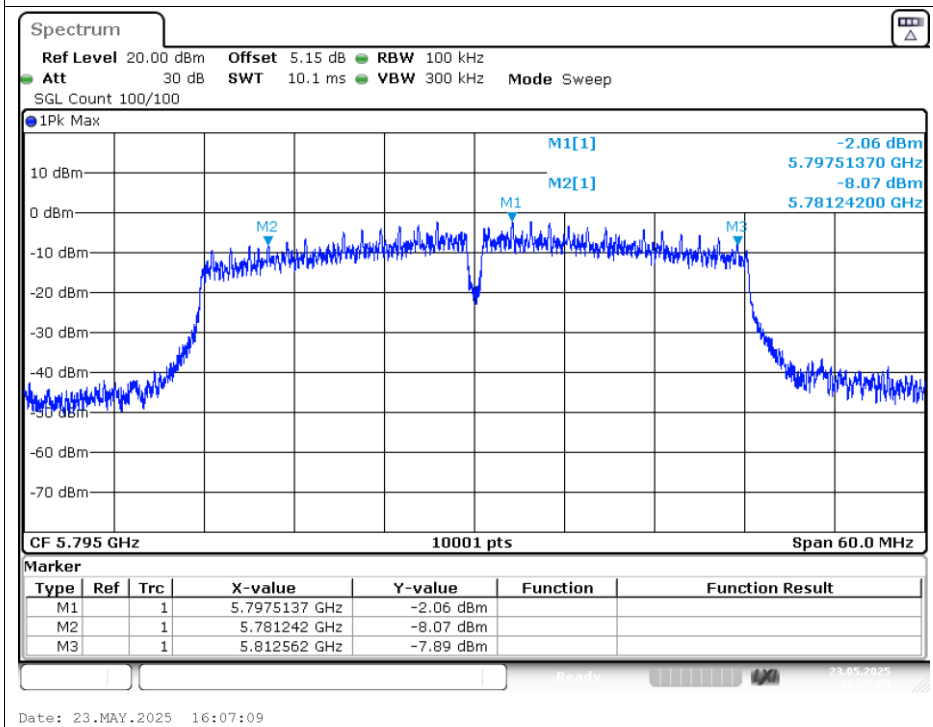
-6dB Bandwidth NVNT n40 5755MHz Ant1



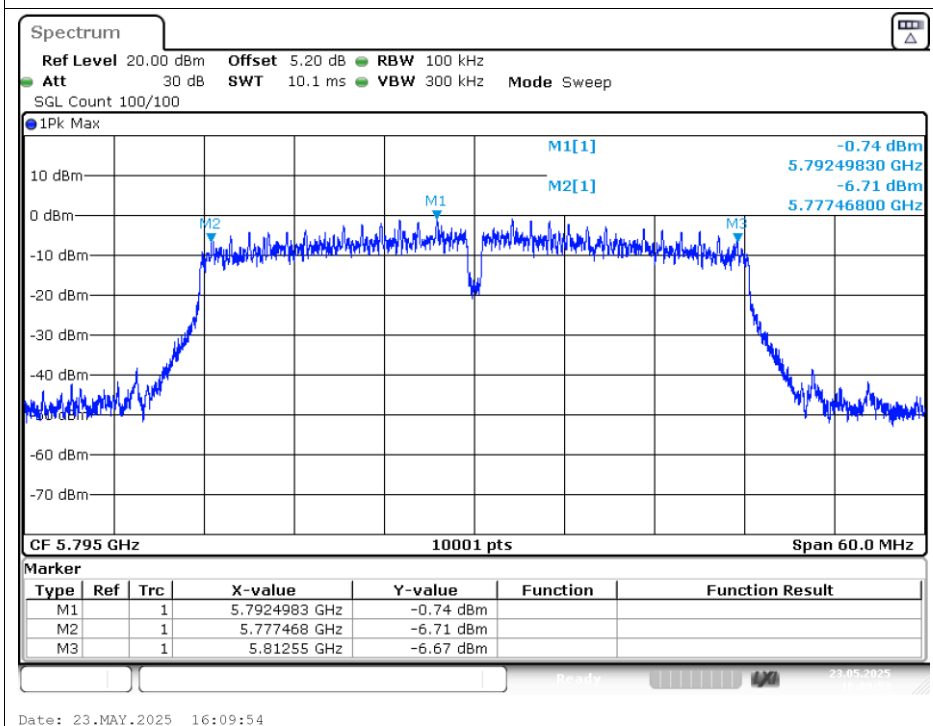
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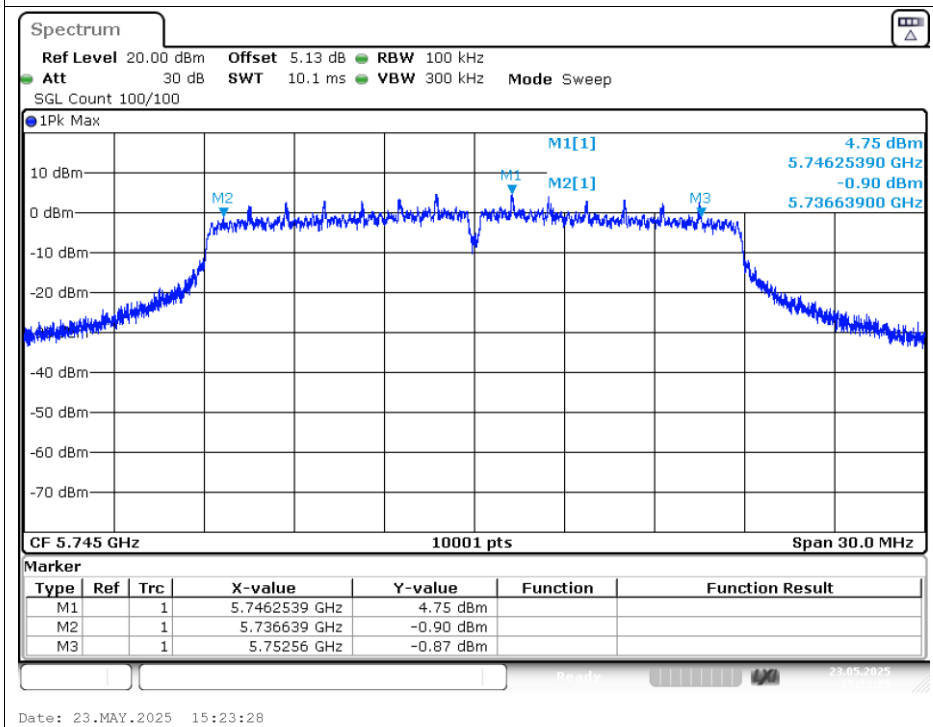
-6dB Bandwidth NVNT n40 5795MHz Ant1



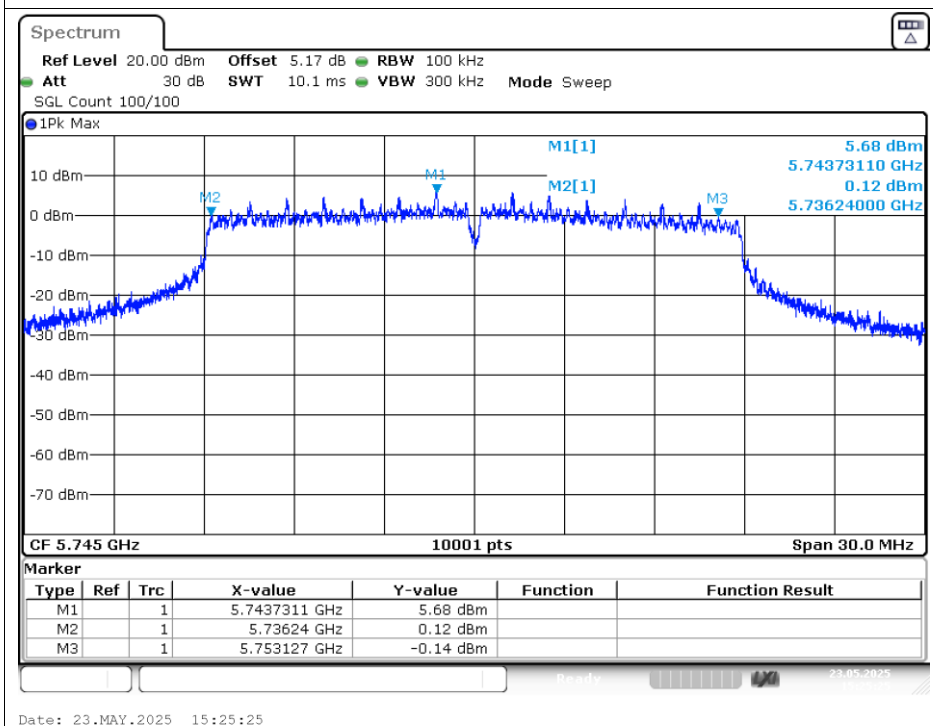
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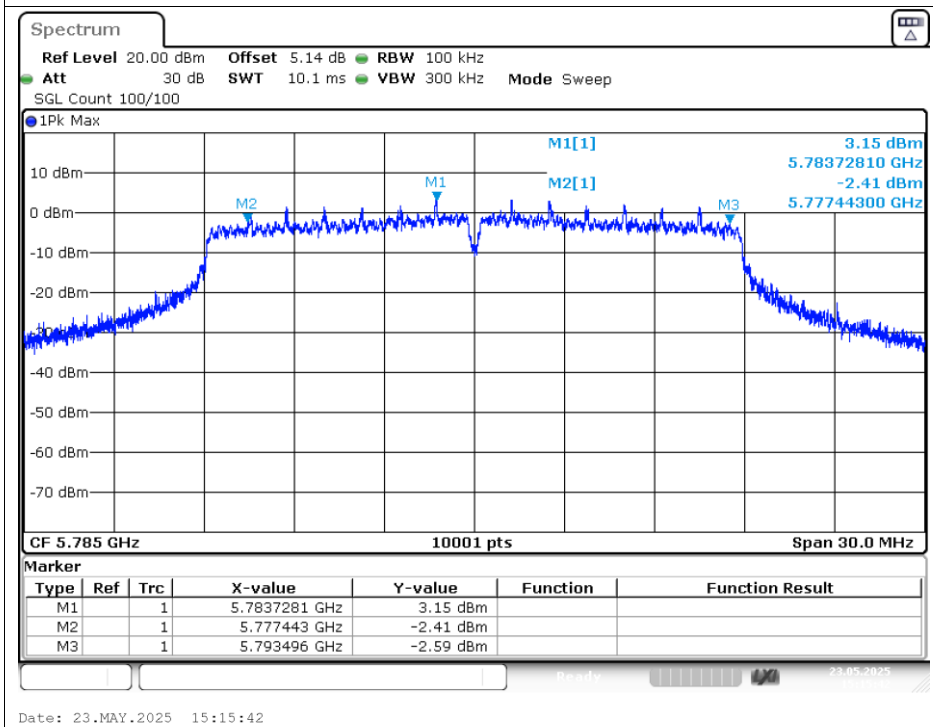
-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant2



-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant2

