

Appendix C

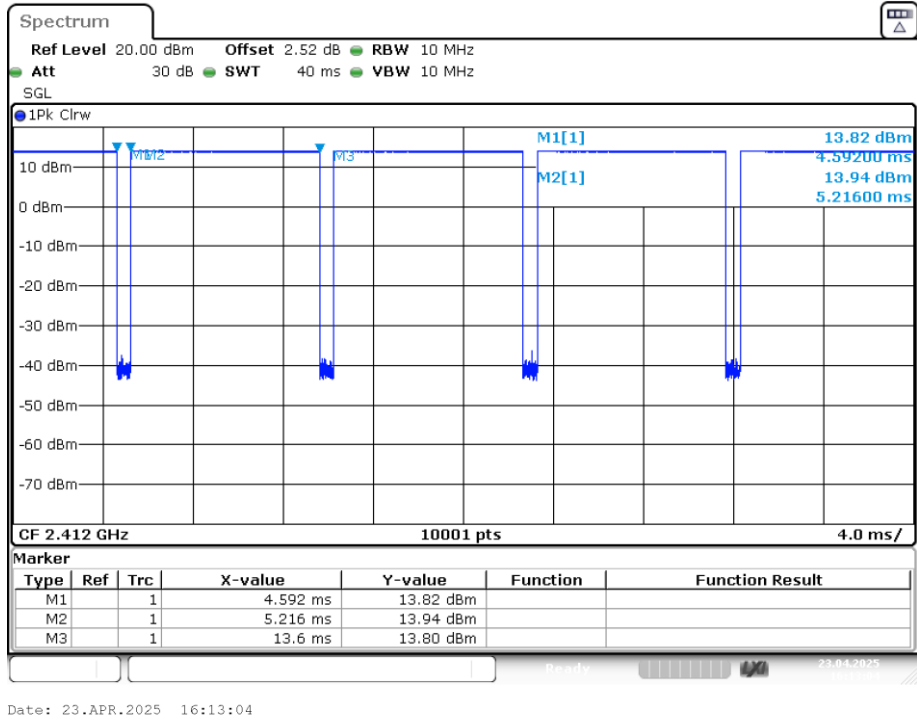
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	8.38	9.01	93.01	0.31	0.12
NVNT	b	2412	Ant2	8.38	9.02	92.9	0.32	0.12
NVNT	b	2437	Ant1	8.39	9.01	93.12	0.31	0.12
NVNT	b	2437	Ant2	8.38	9.04	92.7	0.33	0.12
NVNT	b	2462	Ant1	8.39	9.01	93.12	0.31	0.12
NVNT	b	2462	Ant2	8.38	9.02	92.9	0.32	0.12
NVNT	g	2412	Ant1	1.39	1.43	97.2	0.12	0.72
NVNT	g	2412	Ant2	1.39	1.43	97.2	0.12	0.72
NVNT	g	2437	Ant1	1.39	1.43	97.2	0.12	0.72
NVNT	g	2437	Ant2	1.39	1.43	97.2	0.12	0.72
NVNT	g	2462	Ant1	1.39	1.43	97.2	0.12	0.72
NVNT	g	2462	Ant2	1.39	1.43	97.2	0.12	0.72
NVNT	n20	2412	Ant1	0.1	0.14	71.43	1.46	9.62
NVNT	n20	2412	Ant2	0.1	0.14	71.43	1.46	9.62
NVNT	n20	2437	Ant1	0.1	0.14	71.43	1.46	9.62
NVNT	n20	2437	Ant2	0.1	0.14	71.43	1.46	9.62
NVNT	n20	2462	Ant1	0.1	0.14	71.43	1.46	9.62
NVNT	n20	2462	Ant2	0.1	0.14	71.43	1.46	9.62
NVNT	n40	2422	Ant1	0.07	0.11	63.64	1.96	13.89
NVNT	n40	2422	Ant2	0.07	0.11	63.64	1.96	14.29
NVNT	n40	2437	Ant1	0.07	0.11	63.64	1.96	14.29
NVNT	n40	2437	Ant2	0.07	0.11	63.64	1.96	13.89
NVNT	n40	2452	Ant1	0.07	0.11	63.64	1.96	13.89
NVNT	n40	2452	Ant2	0.07	0.11	63.64	1.96	14.29
NVNT	ax20	2412	Ant1	0.2	0.24	83.33	0.79	5
NVNT	ax20	2412	Ant2	0.2	0.24	83.33	0.79	4.95
NVNT	ax20	2437	Ant1	0.2	0.24	83.33	0.79	5
NVNT	ax20	2437	Ant2	0.2	0.24	83.33	0.79	4.95
NVNT	ax20	2462	Ant1	0.2	0.24	83.33	0.79	4.95
NVNT	ax20	2462	Ant2	0.2	0.24	83.33	0.79	5
NVNT	ax40	2422	Ant1	0.2	0.24	83.33	0.79	4.9

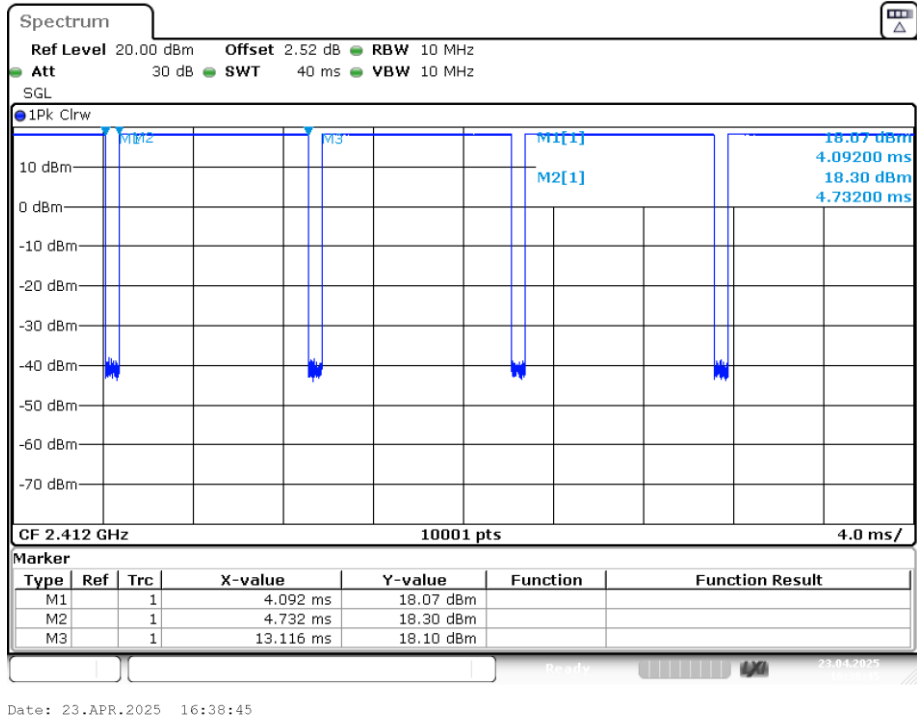
NVNT	ax40	2422	Ant2	0.2	0.24	83.33	0.79	4.9
NVNT	ax40	2437	Ant1	0.2	0.24	83.33	0.79	4.9
NVNT	ax40	2437	Ant2	0.2	0.24	83.33	0.79	4.95
NVNT	ax40	2452	Ant1	0.2	0.24	83.33	0.79	4.9
NVNT	ax40	2452	Ant2	0.2	0.24	83.33	0.79	4.9

Test Graphs

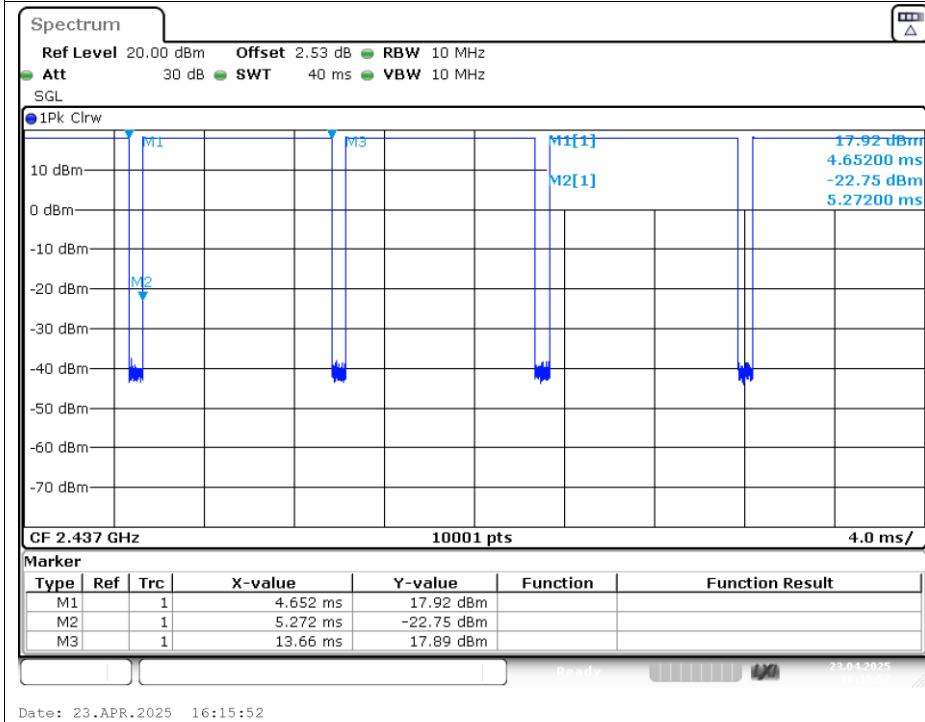
Duty Cycle NVNT b 2412MHz Ant1



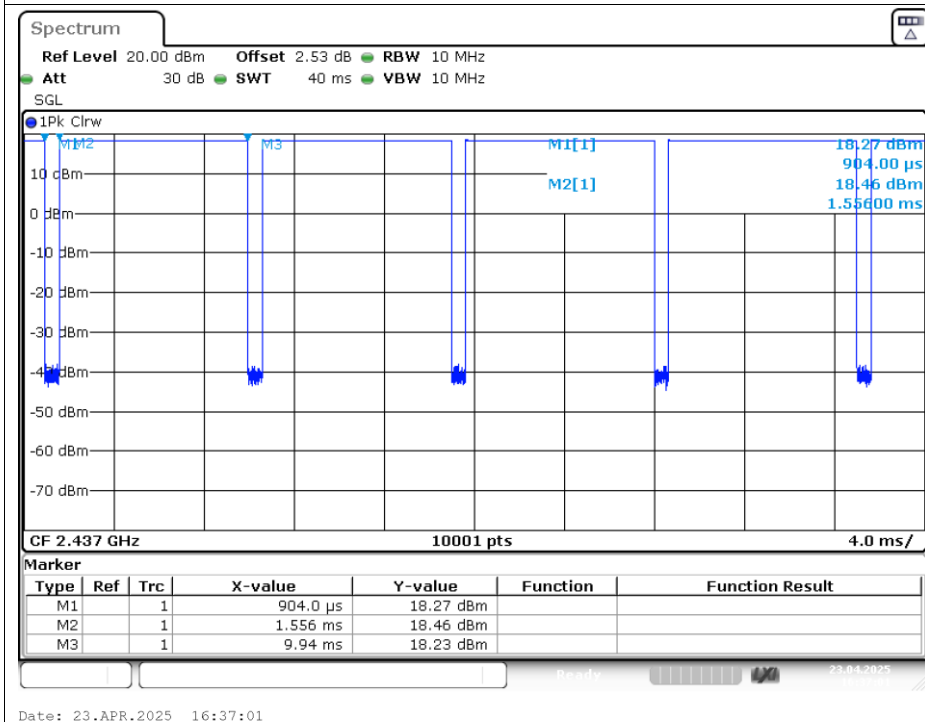
Duty Cycle NVNT b 2412MHz Ant2



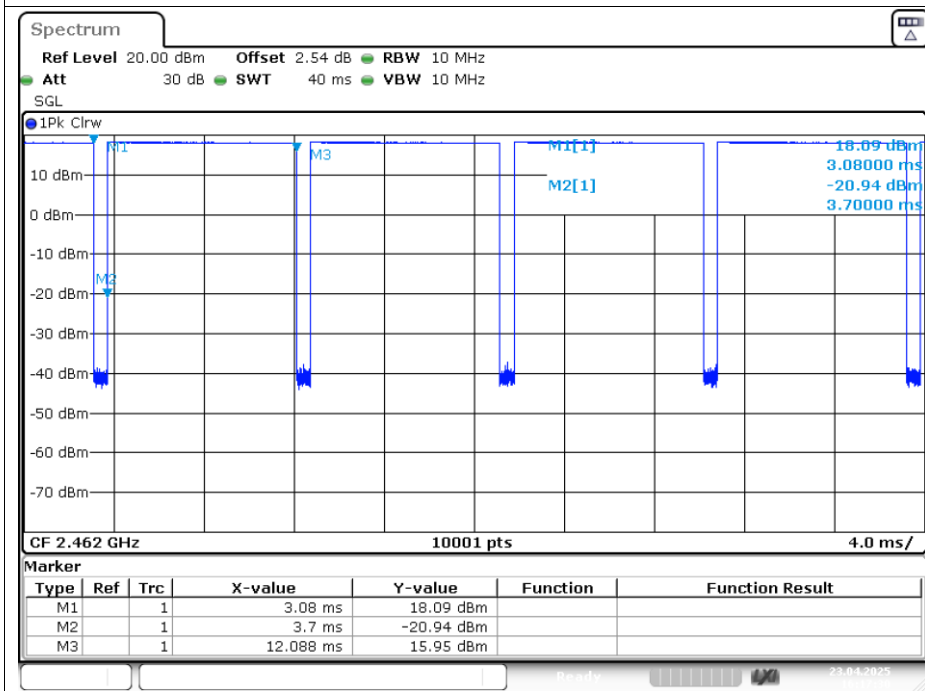
Duty Cycle NVNT b 2437MHz Ant1



Duty Cycle NVNT b 2437MHz Ant2

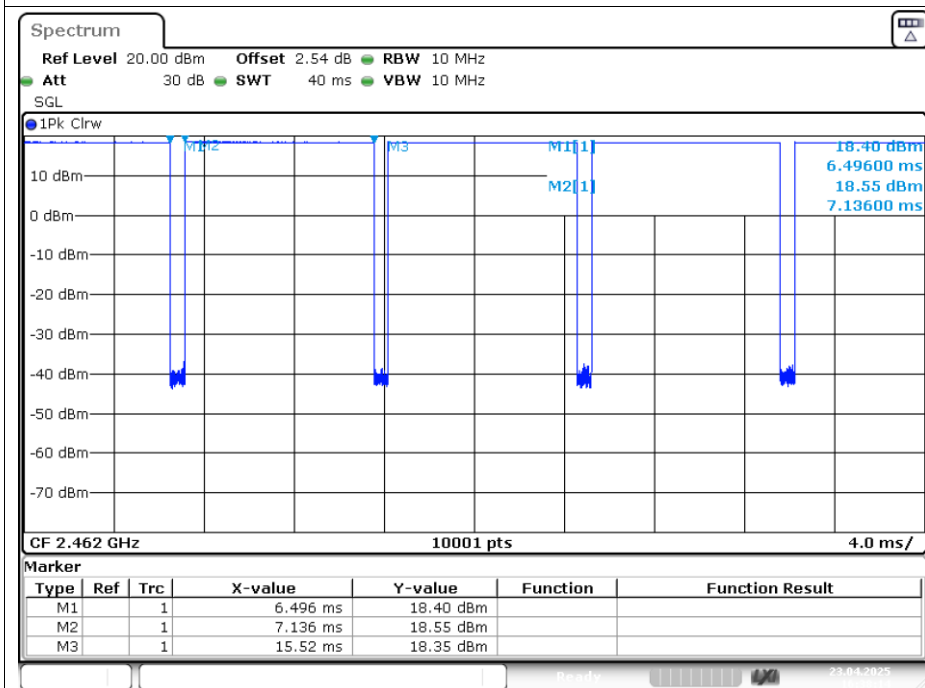


Duty Cycle NVNT b 2462MHz Ant1



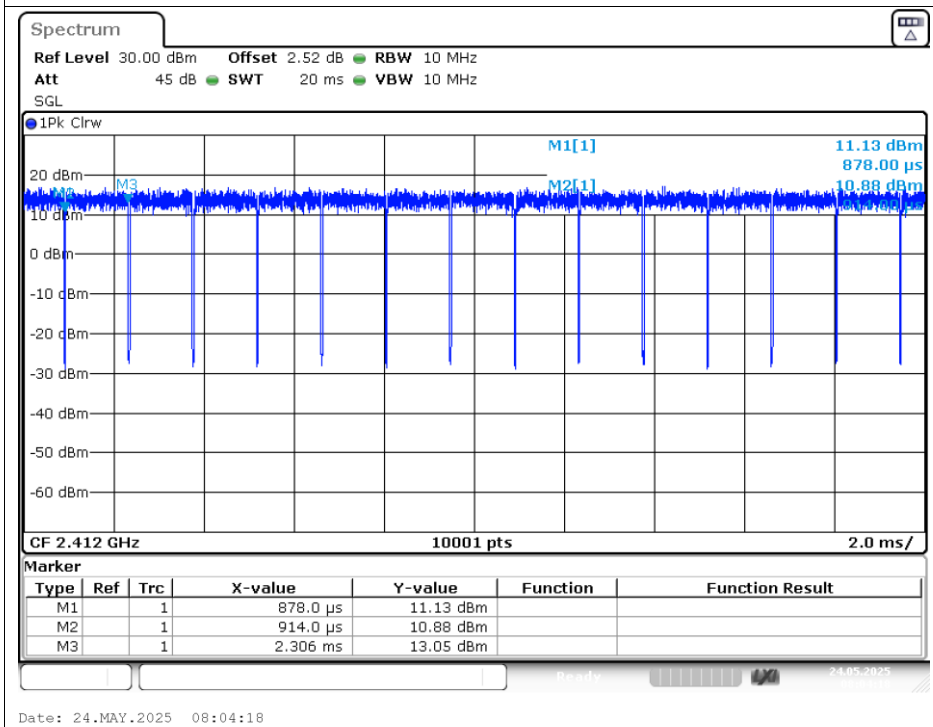
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Duty Cycle NVNT b 2462MHz Ant2

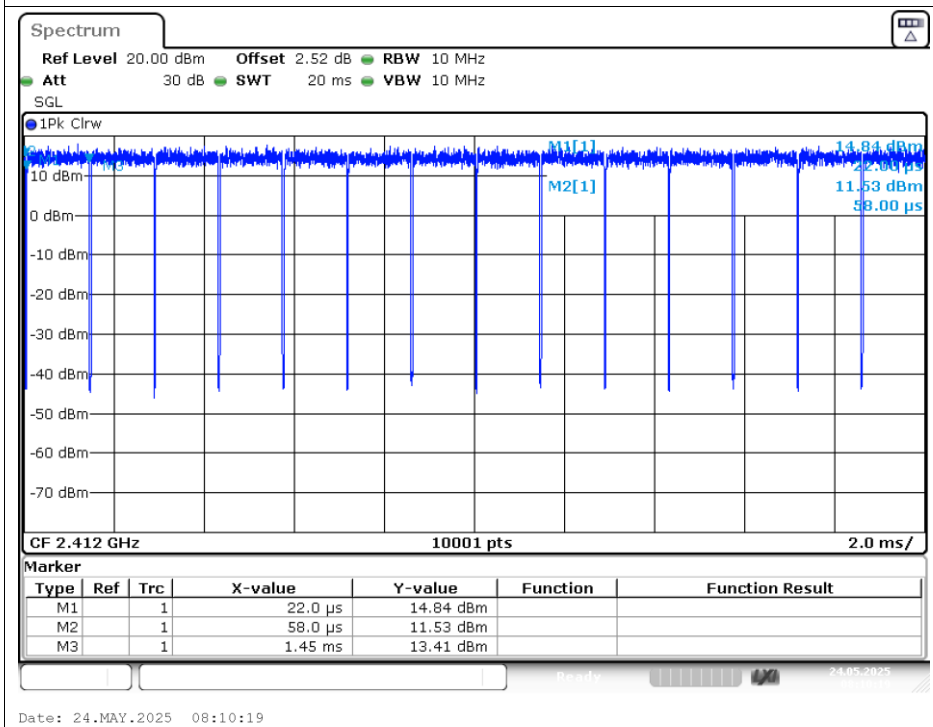


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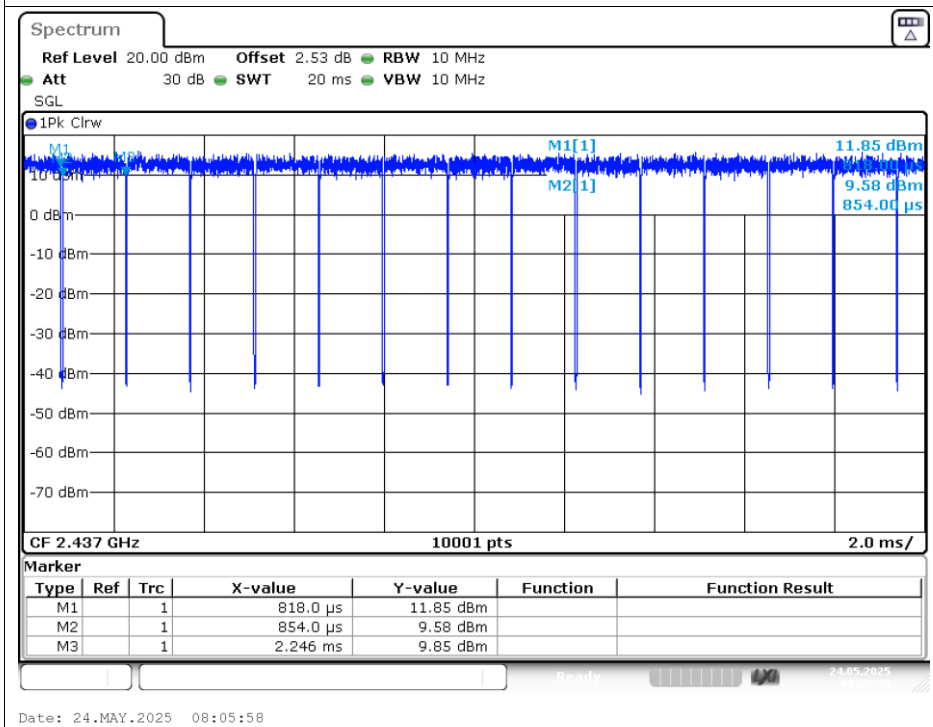
Duty Cycle NVNT g 2412MHz Ant1



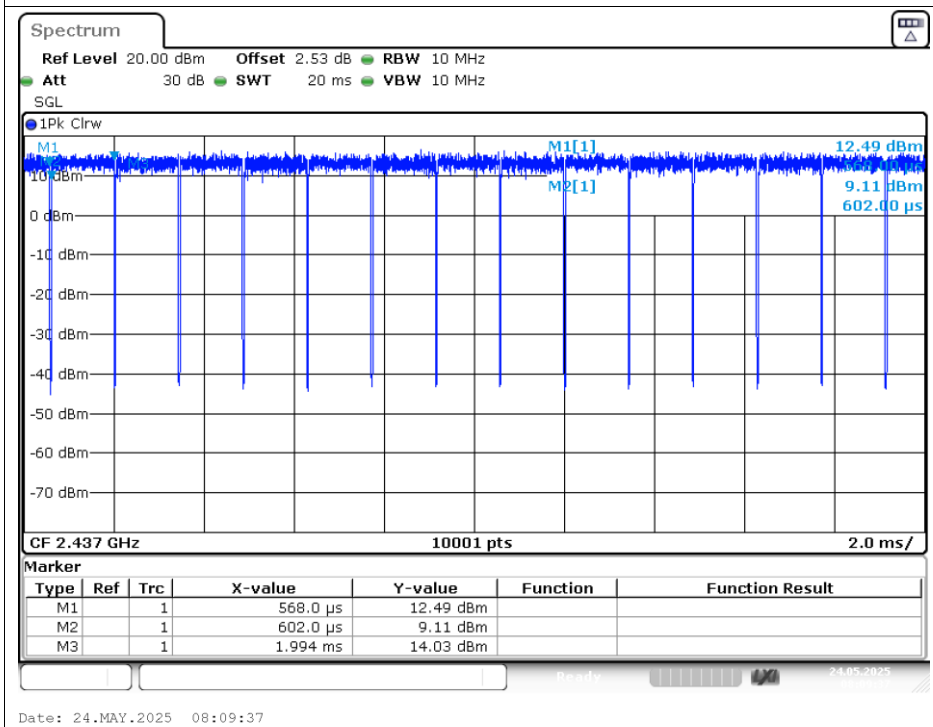
Duty Cycle NVNT g 2412MHz Ant2



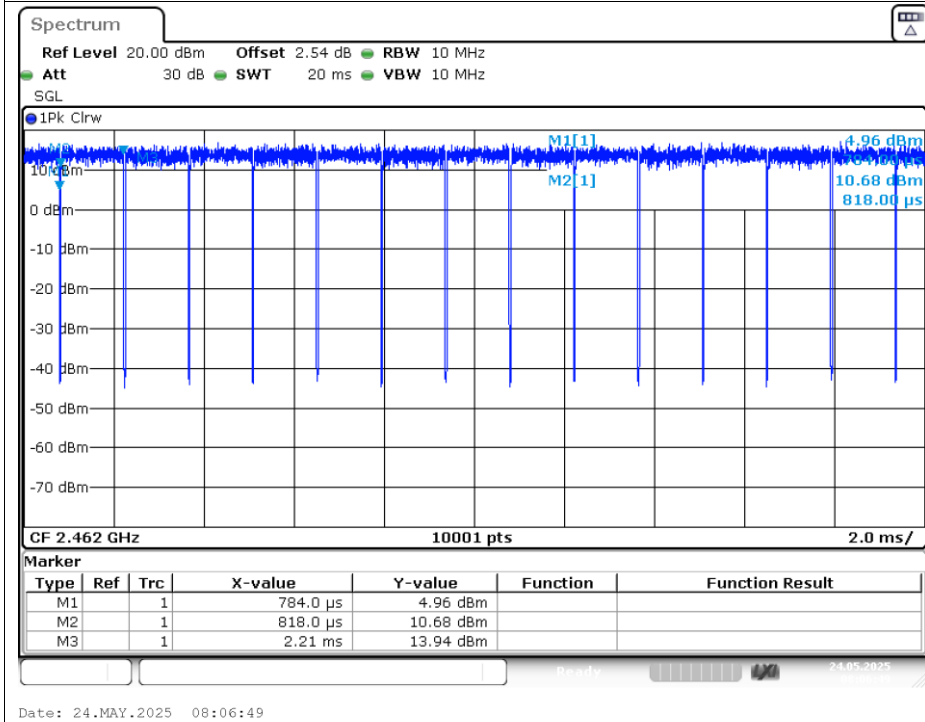
Duty Cycle NVNT g 2437MHz Ant1



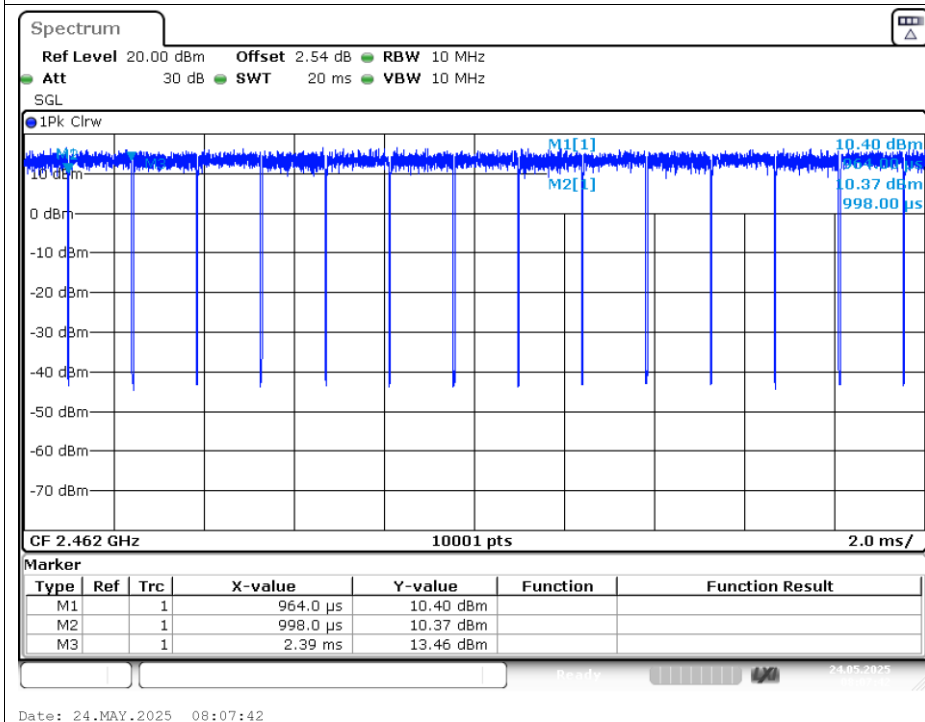
Duty Cycle NVNT g 2437MHz Ant2



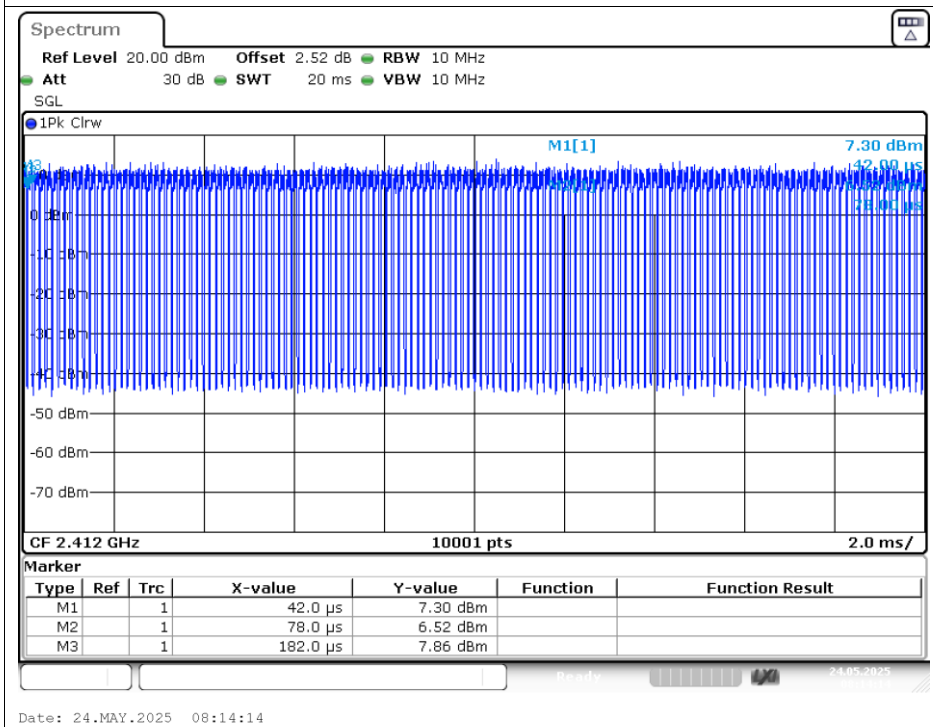
Duty Cycle NVNT g 2462MHz Ant1



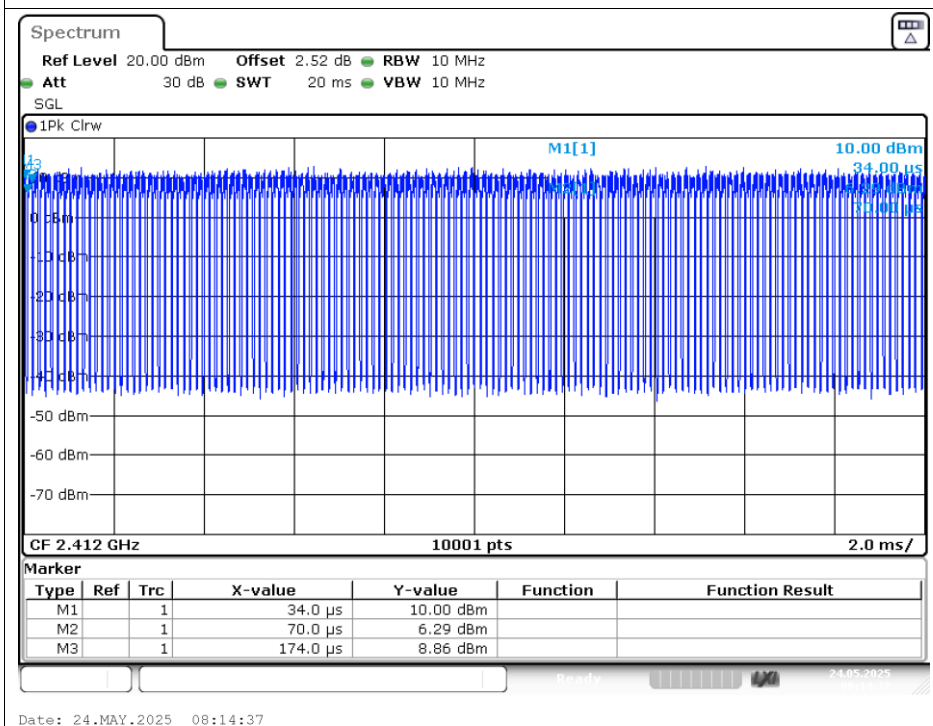
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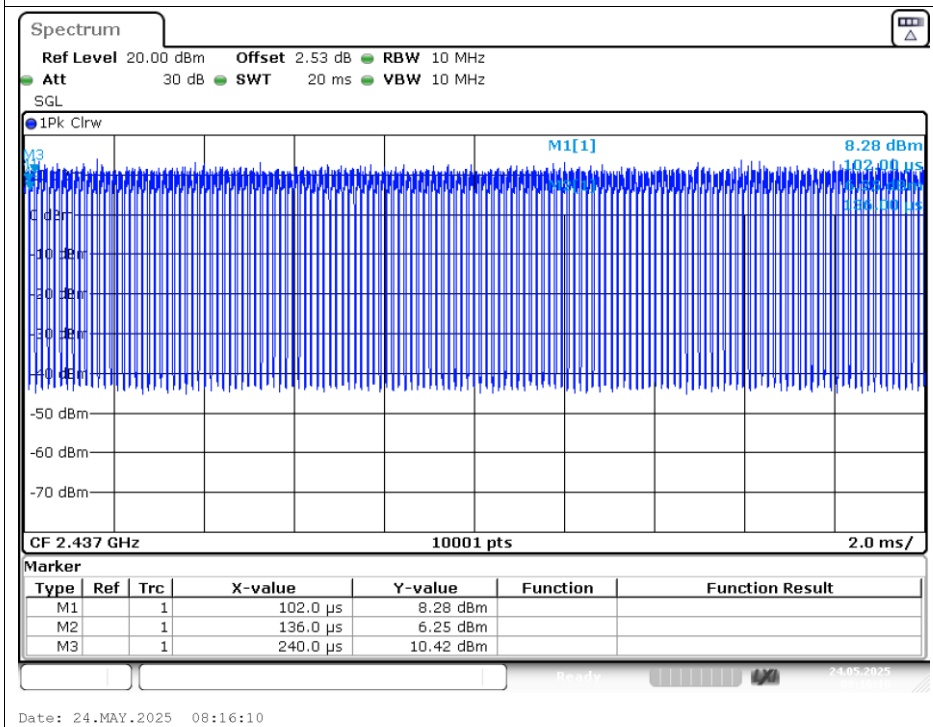
Duty Cycle NVNT n20 2412MHz Ant1



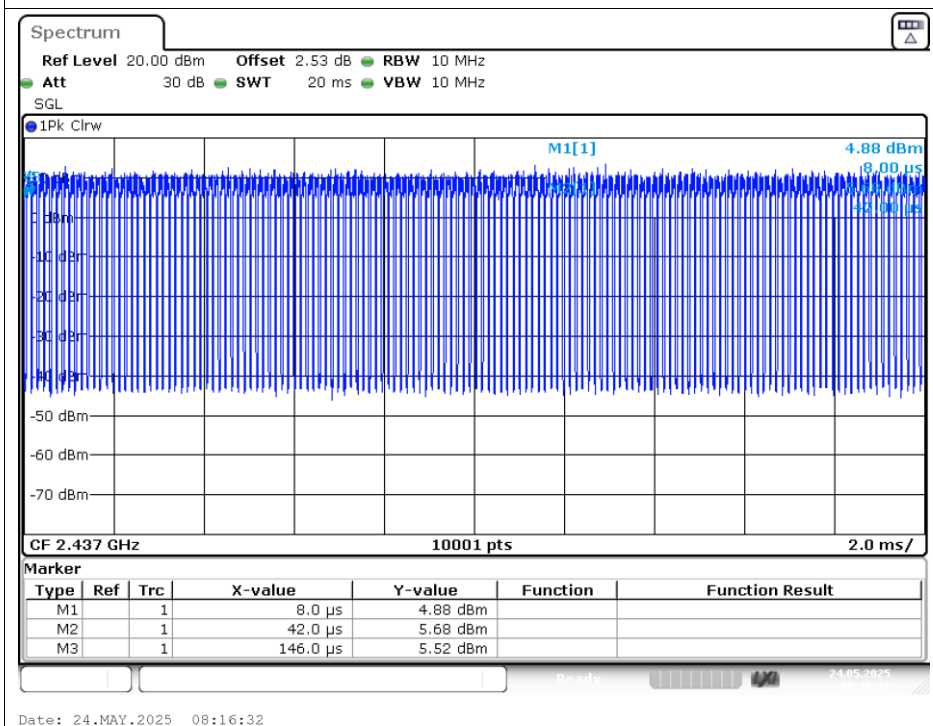
Duty Cycle NVNT n20 2412MHz Ant2



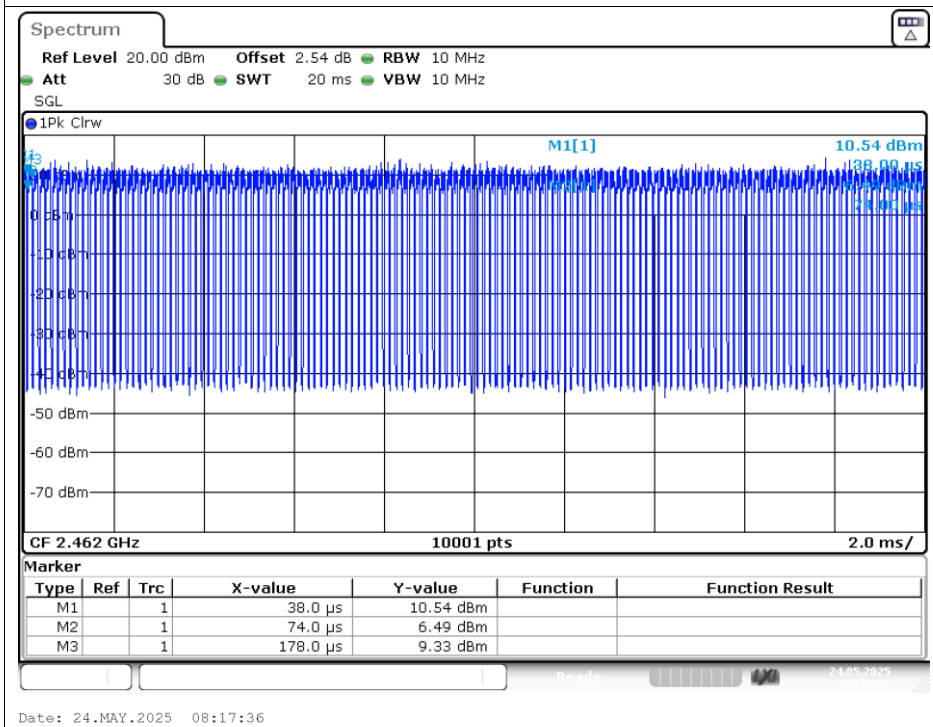
Duty Cycle NVNT n20 2437MHz Ant1



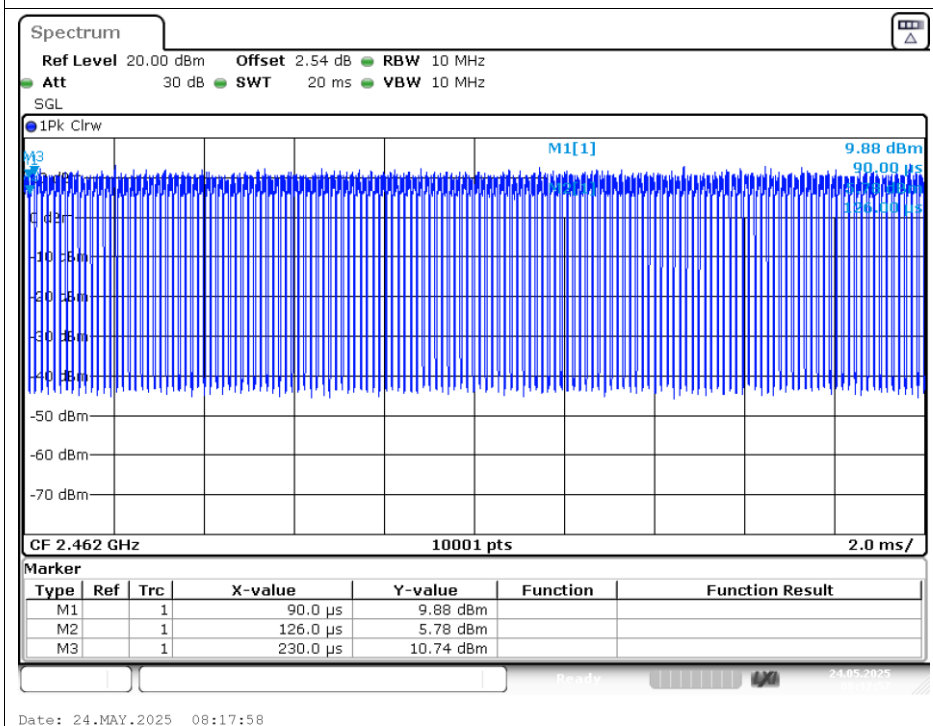
Duty Cycle NVNT n20 2437MHz Ant2



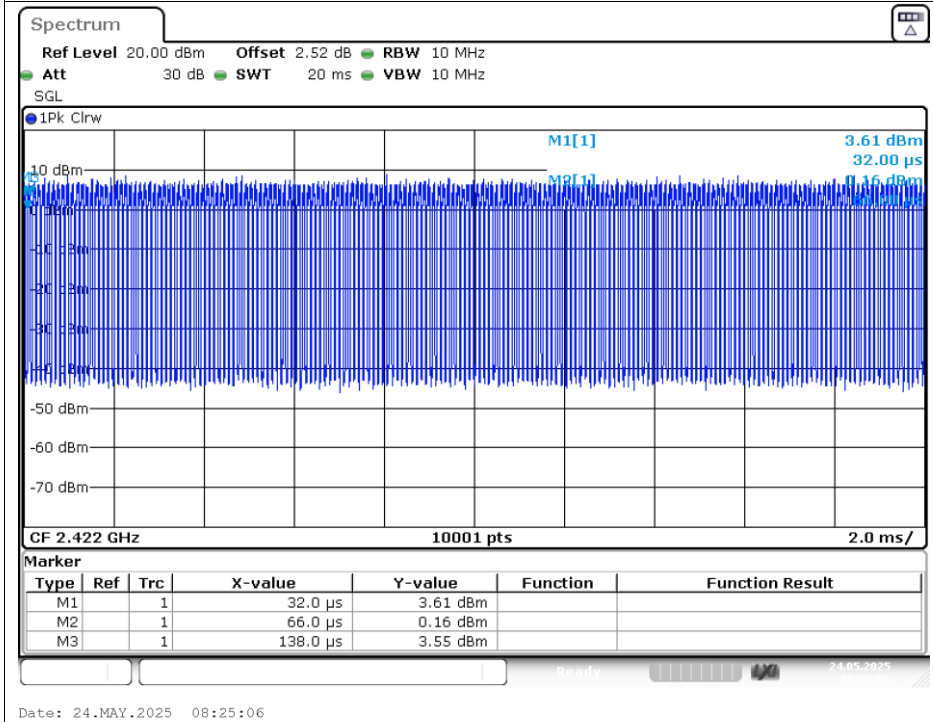
Duty Cycle NVNT n20 2462MHz Ant1



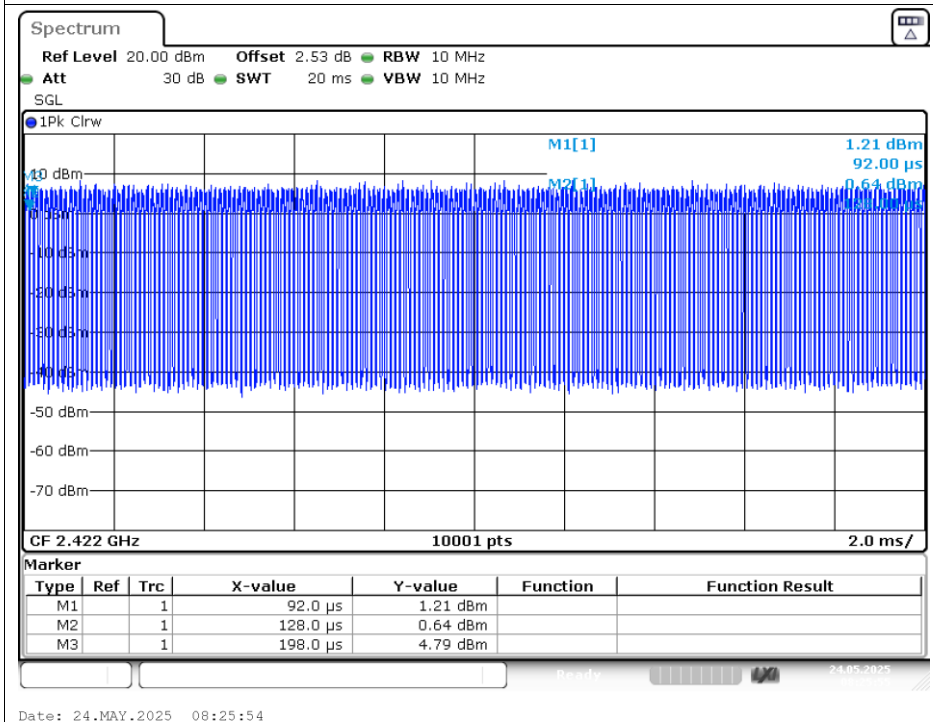
Duty Cycle NVNT n20 2462MHz Ant2



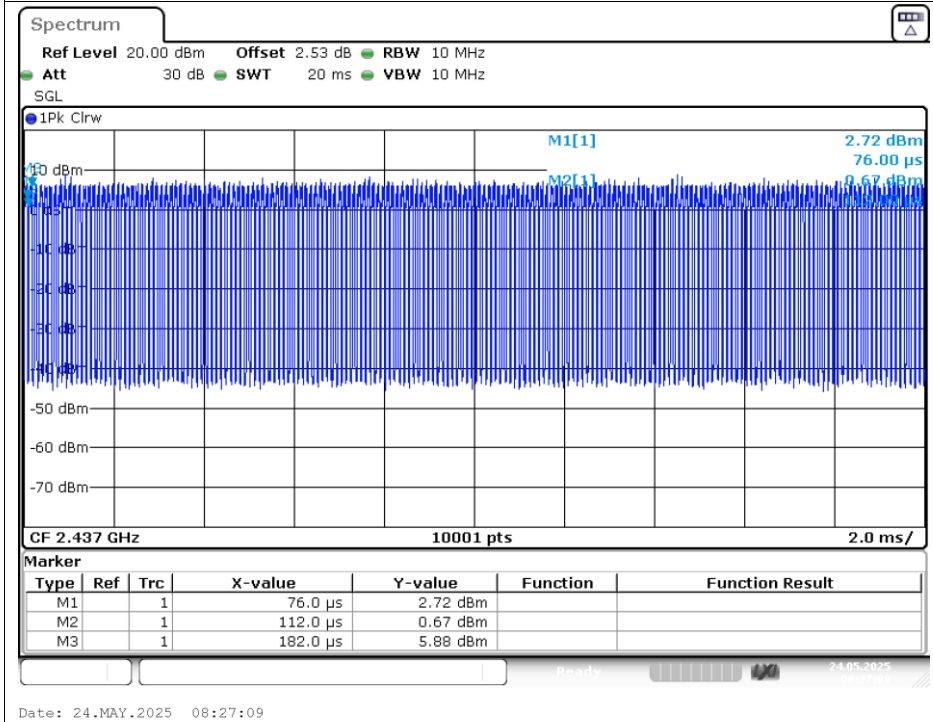
Duty Cycle NVNT n40 2422MHz Ant1



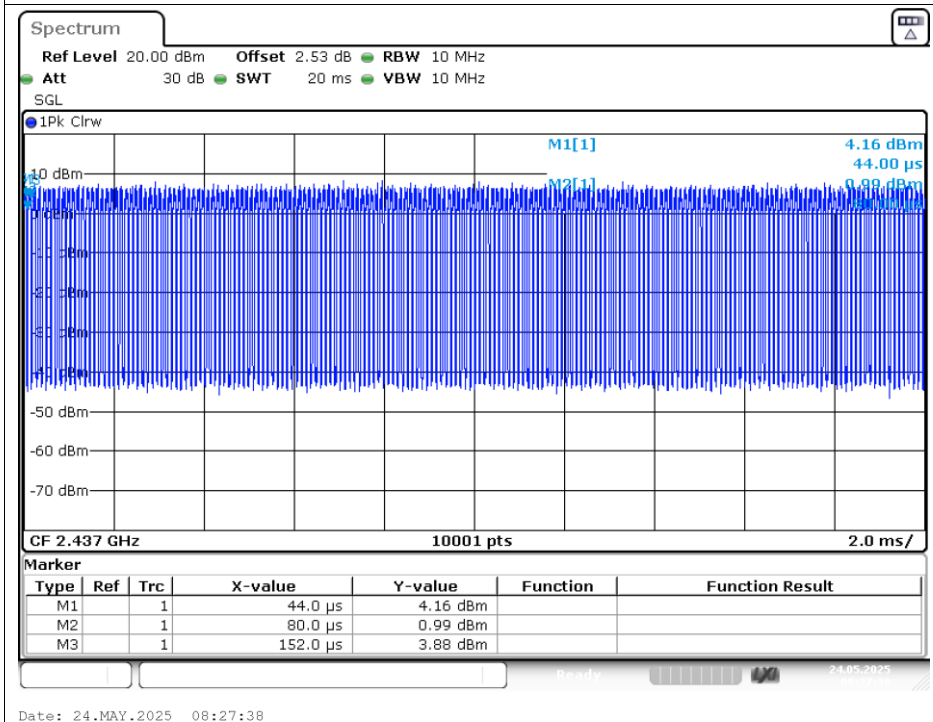
Duty Cycle NVNT n40 2422MHz Ant2



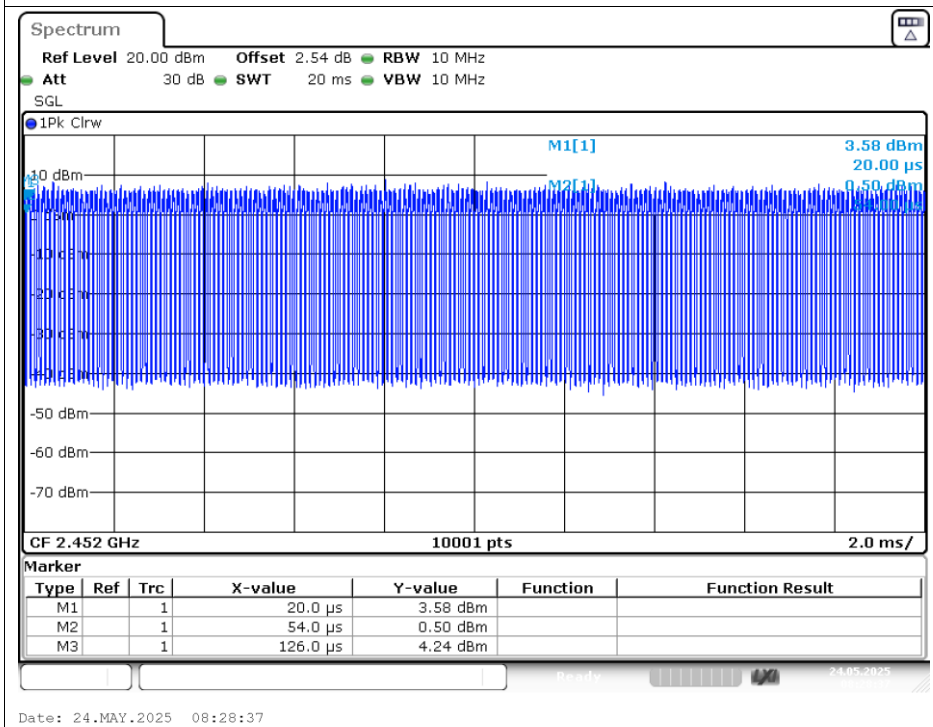
Duty Cycle NVNT n40 2437MHz Ant1



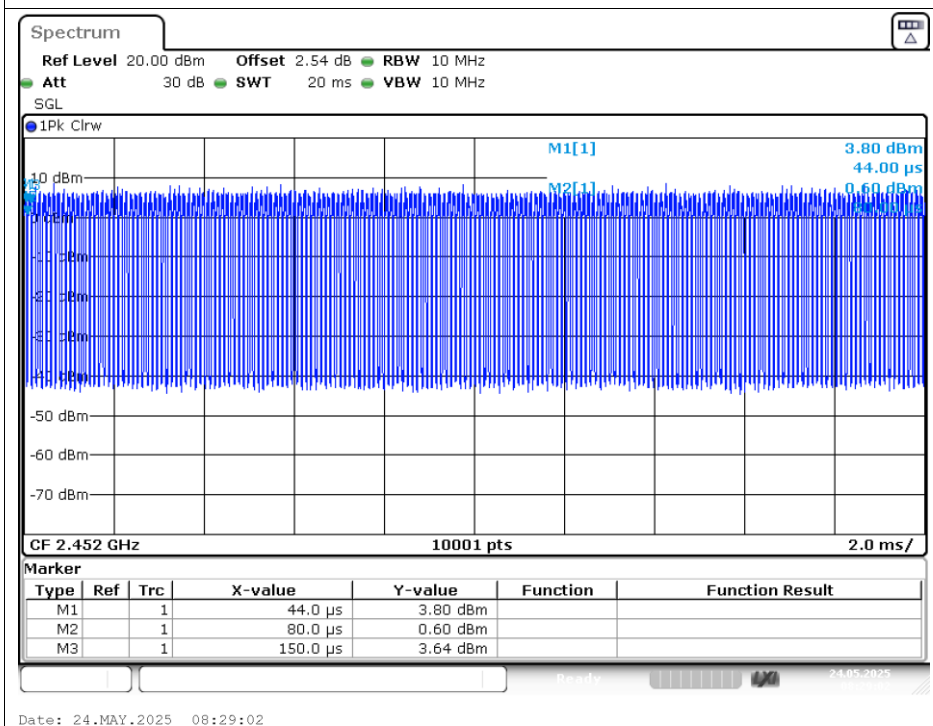
Duty Cycle NVNT n40 2437MHz Ant2



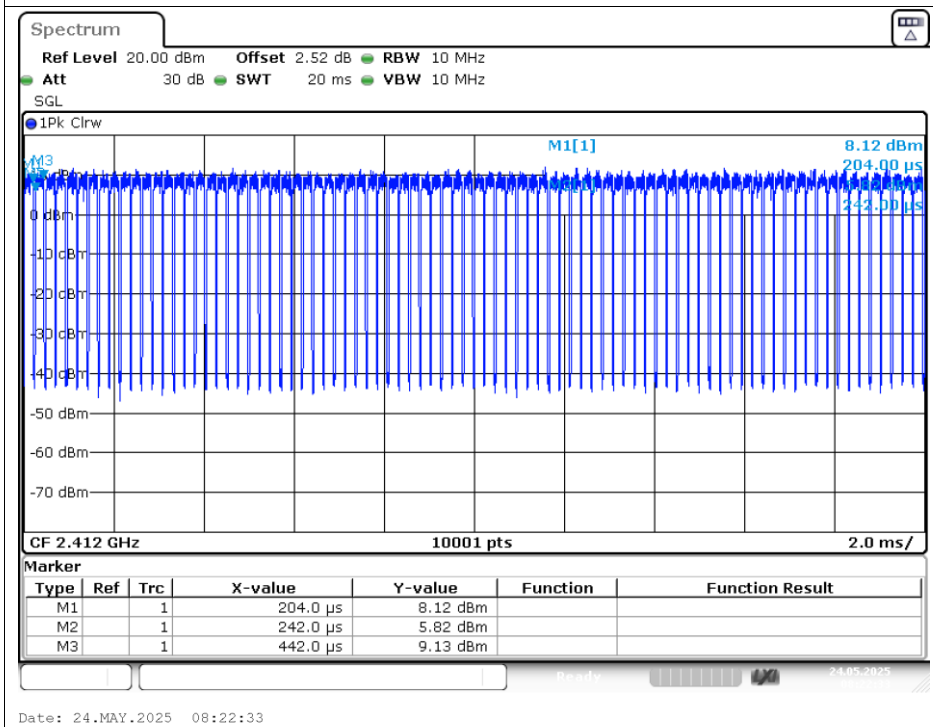
Duty Cycle NVNT n40 2452MHz Ant1



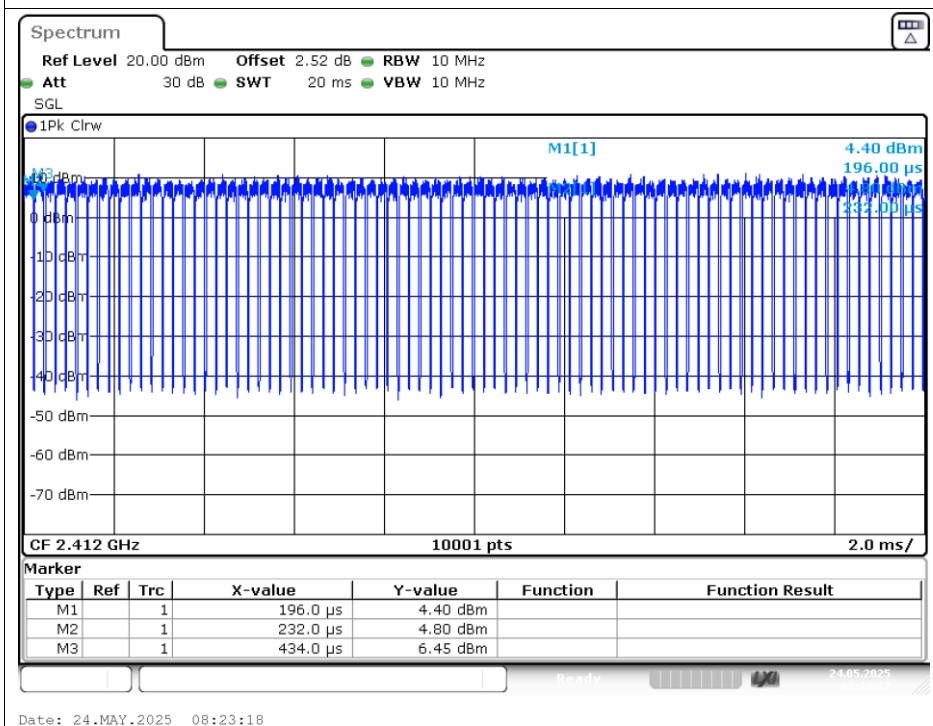
Duty Cycle NVNT n40 2452MHz Ant2



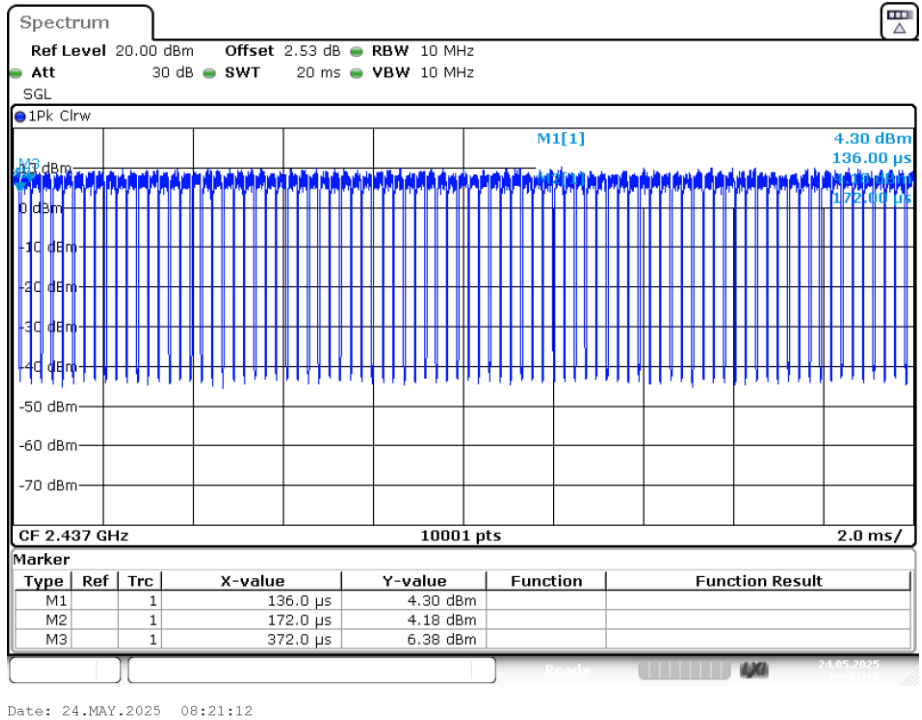
Duty Cycle NVNT ax20 2412MHz Ant1



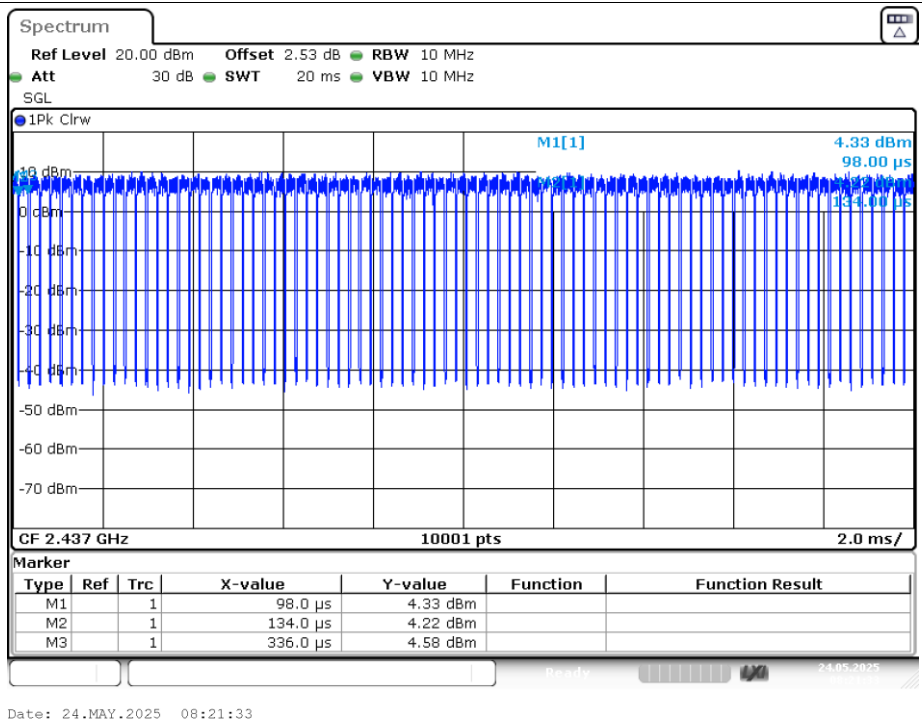
Duty Cycle NVNT ax20 2412MHz Ant2



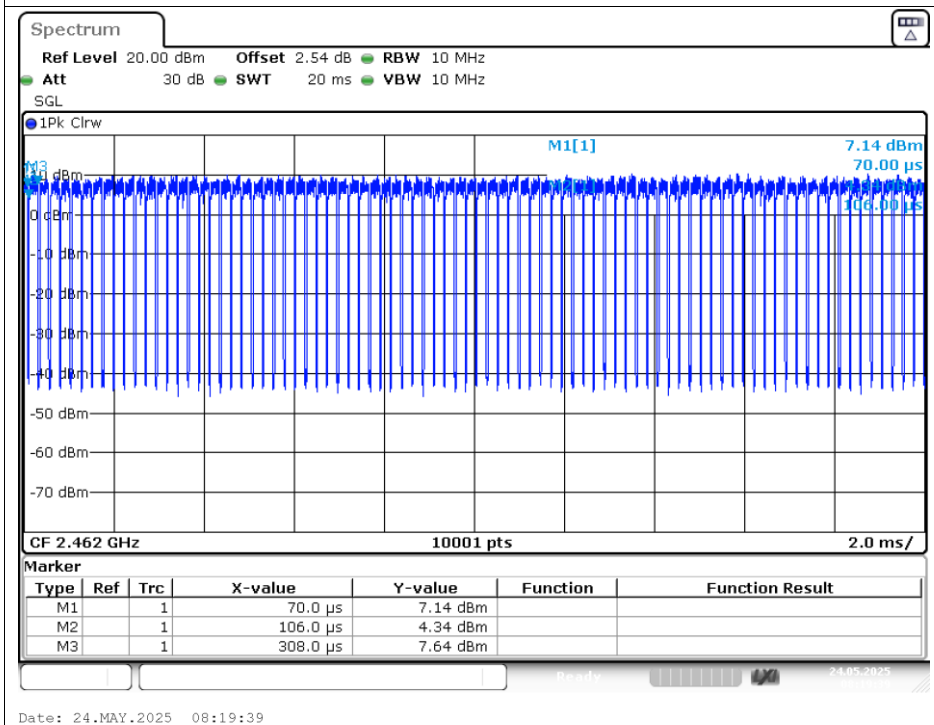
Duty Cycle NVNT ax20 2437MHz Ant1



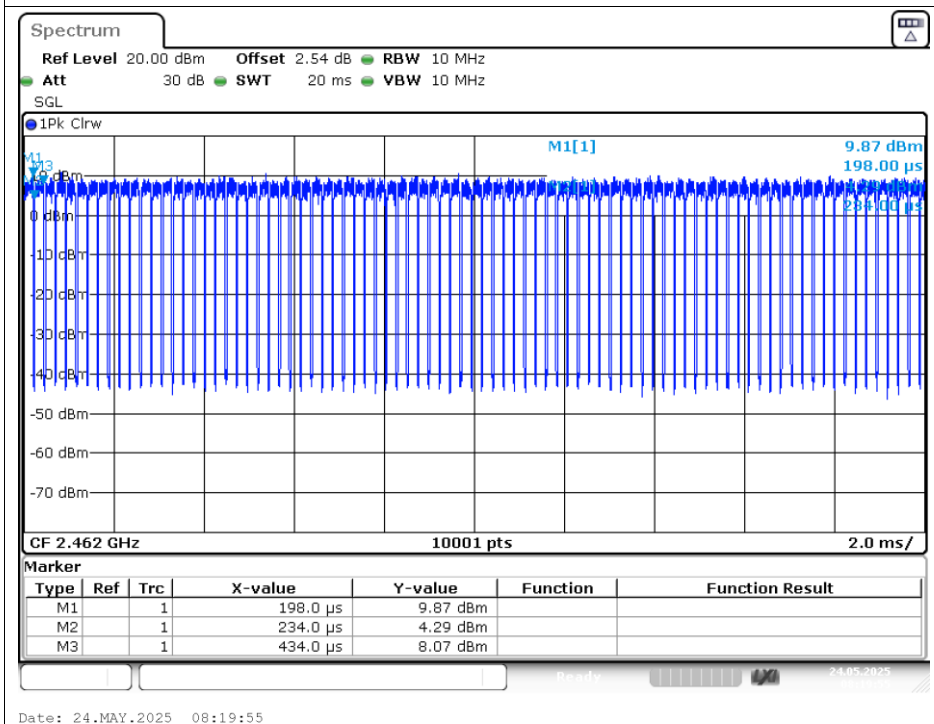
Duty Cycle NVNT ax20 2437MHz Ant2



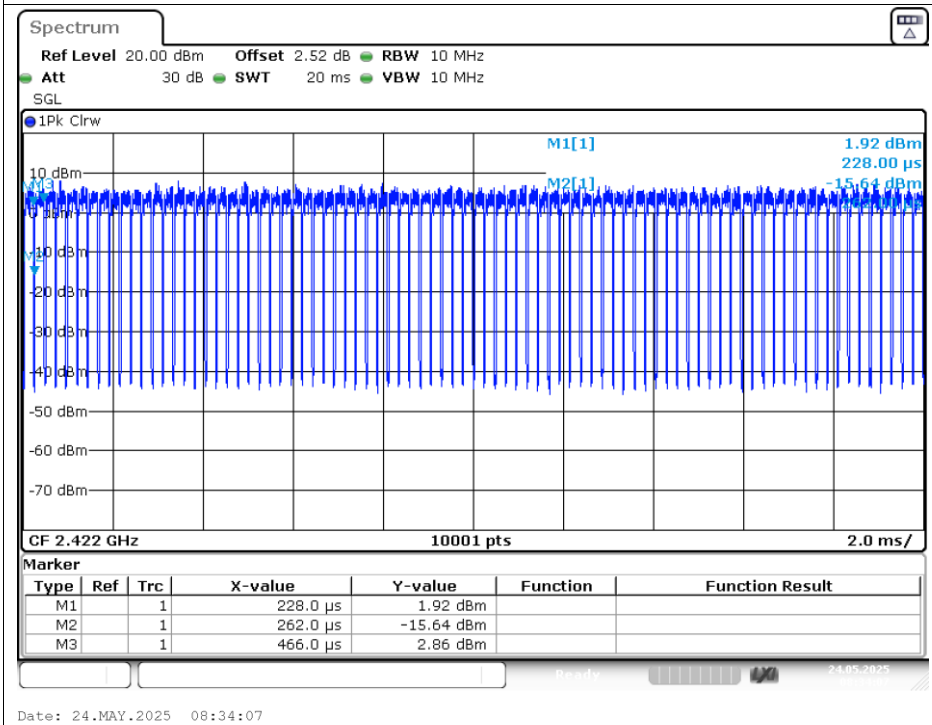
Duty Cycle NVNT ax20 2462MHz Ant1



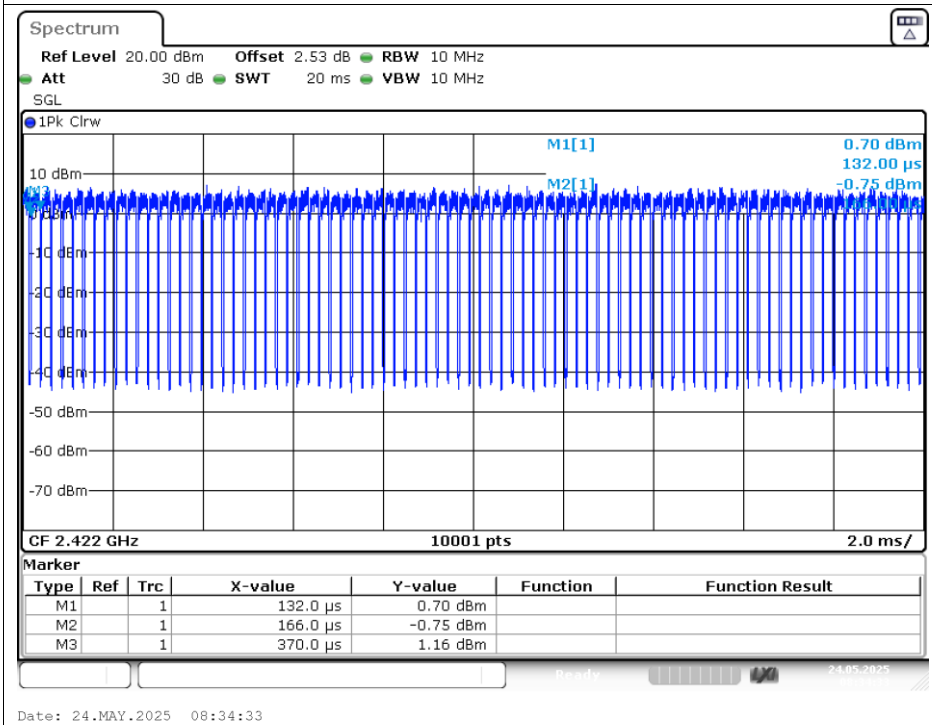
Duty Cycle NVNT ax20 2462MHz Ant2



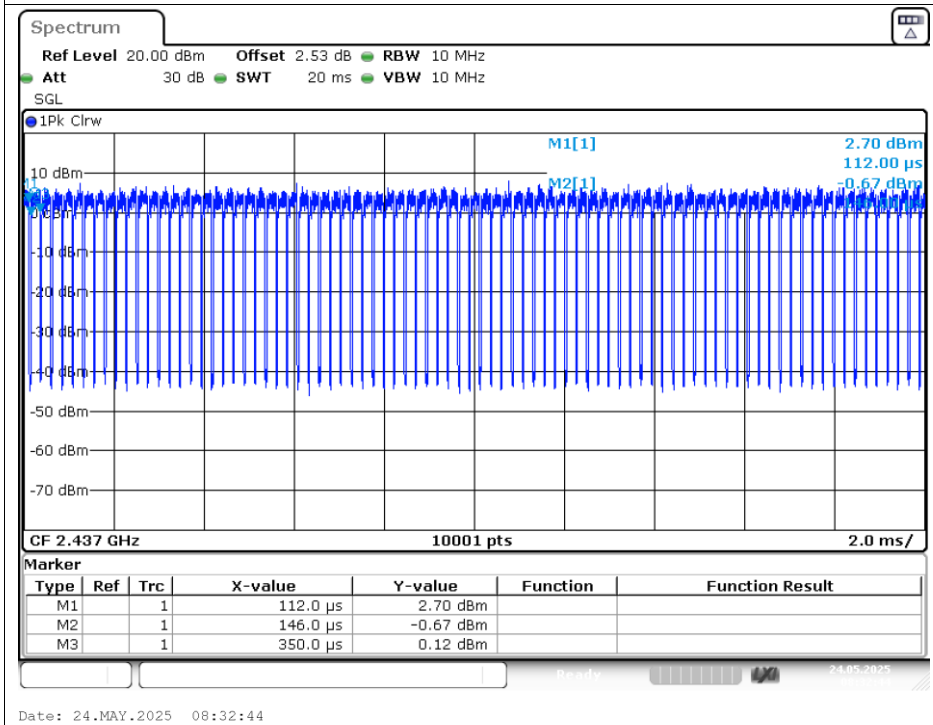
Duty Cycle NVNT ax40 2422MHz Ant1



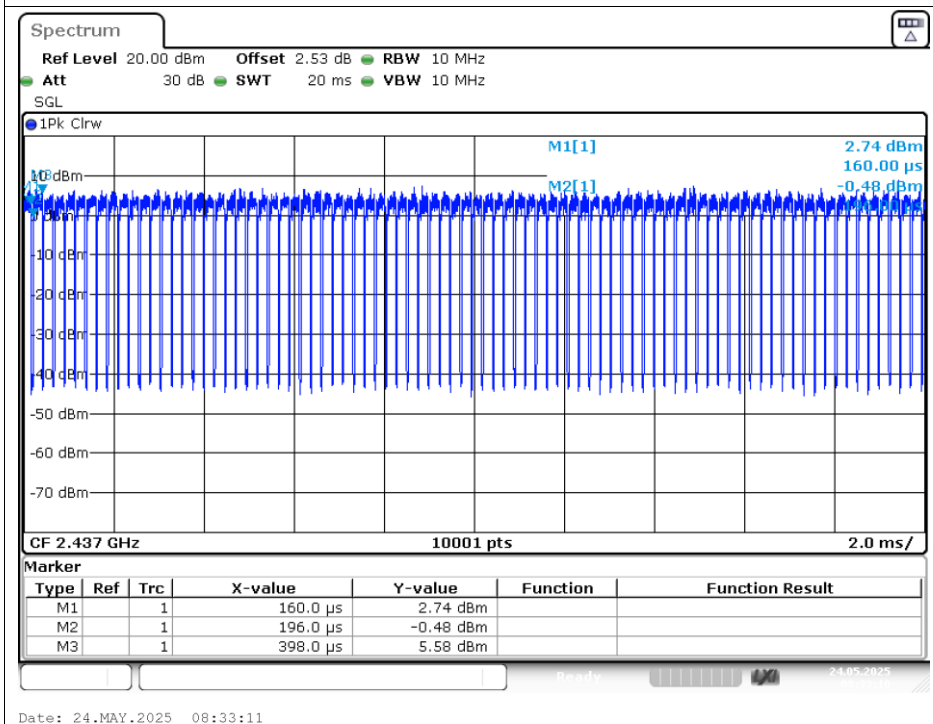
Duty Cycle NVNT ax40 2422MHz Ant2



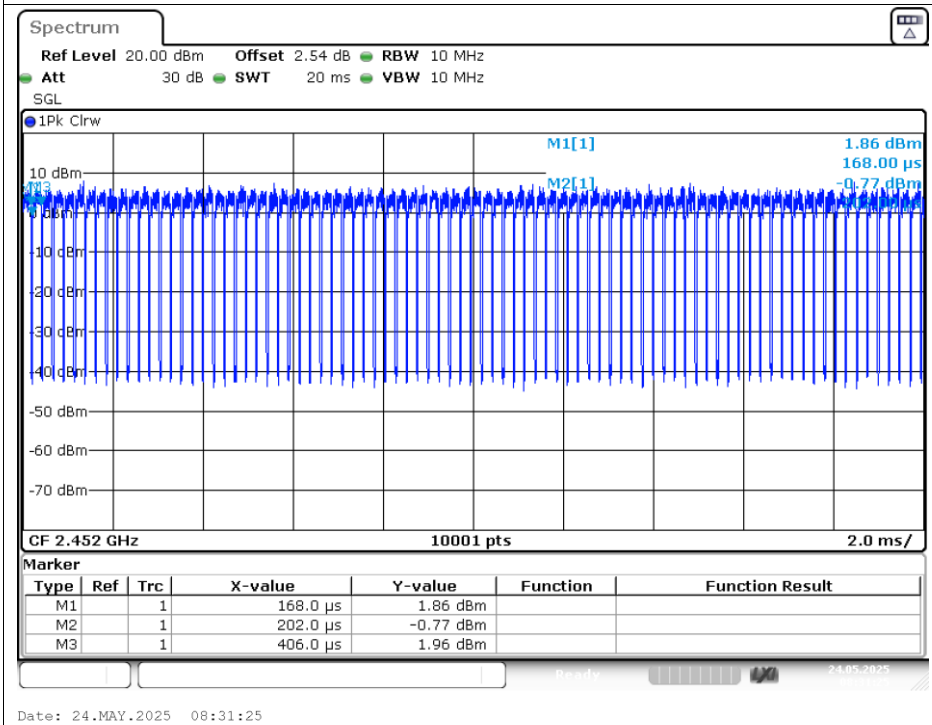
Duty Cycle NVNT ax40 2437MHz Ant1



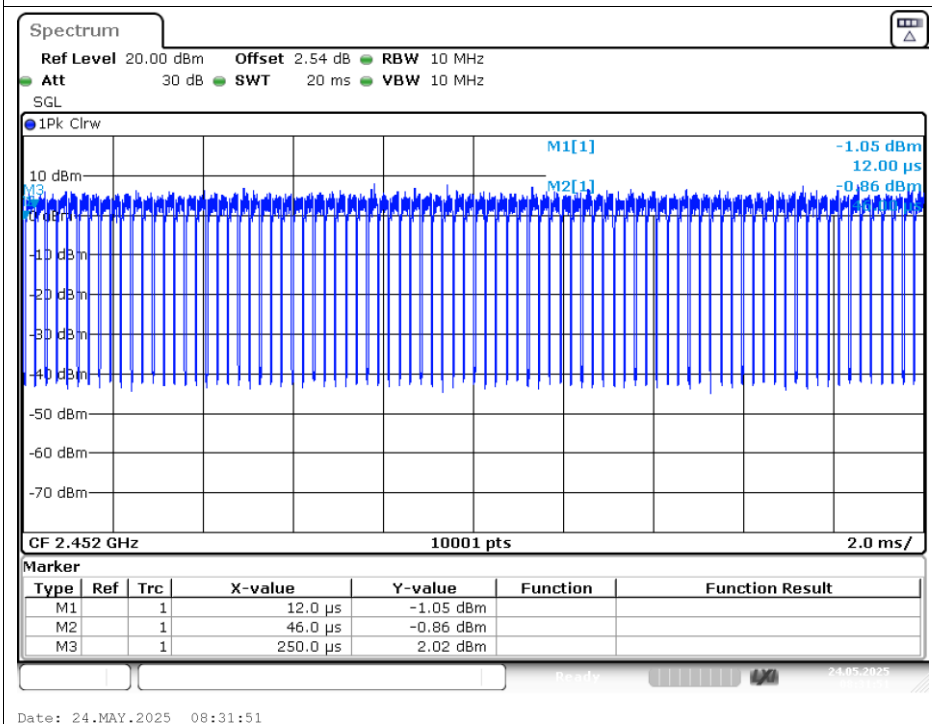
Duty Cycle NVNT ax40 2437MHz Ant2



Duty Cycle NVNT ax40 2452MHz Ant1



Duty Cycle NVNT ax40 2452MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.7	30	Pass
NVNT	b	2412	Ant2	18.87	30	Pass
NVNT	b	2437	Ant1	18.68	30	Pass
NVNT	b	2437	Ant2	18.95	30	Pass
NVNT	b	2462	Ant1	18.86	30	Pass
NVNT	b	2462	Ant2	18.95	30	Pass
NVNT	g	2412	Ant1	17.32	30	Pass
NVNT	g	2412	Ant2	17.74	30	Pass
NVNT	g	2437	Ant1	17.06	30	Pass
NVNT	g	2437	Ant2	16.61	30	Pass
NVNT	g	2462	Ant1	17.15	30	Pass
NVNT	g	2462	Ant2	16.86	30	Pass
NVNT	n20	2412	Ant1	12.6	30	Pass
NVNT	n20	2412	Ant2	12.25	30	Pass
NVNT	n20	2412	Sum	15.44	30	Pass
NVNT	n20	2437	Ant1	12.51	30	Pass
NVNT	n20	2437	Ant2	11.96	30	Pass
NVNT	n20	2437	Sum	15.25	30	Pass
NVNT	n20	2462	Ant1	12.68	30	Pass
NVNT	n20	2462	Ant2	12.2	30	Pass
NVNT	n20	2462	Sum	15.46	30	Pass
NVNT	n40	2422	Ant1	10.22	30	Pass
NVNT	n40	2422	Ant2	10.18	30	Pass
NVNT	n40	2422	Sum	13.21	30	Pass
NVNT	n40	2437	Ant1	10.24	30	Pass
NVNT	n40	2437	Ant2	10.11	30	Pass
NVNT	n40	2437	Sum	13.19	30	Pass
NVNT	n40	2452	Ant1	10.29	30	Pass
NVNT	n40	2452	Ant2	10.12	30	Pass
NVNT	n40	2452	Sum	13.22	30	Pass
NVNT	ax20	2412	Ant1	11.57	30	Pass
NVNT	ax20	2412	Ant2	11.82	30	Pass
NVNT	ax20	2412	Sum	14.71	30	Pass
NVNT	ax20	2437	Ant1	11.12	30	Pass
NVNT	ax20	2437	Ant2	11.28	30	Pass
NVNT	ax20	2437	Sum	14.21	30	Pass
NVNT	ax20	2462	Ant1	11.26	30	Pass
NVNT	ax20	2462	Ant2	11.37	30	Pass
NVNT	ax20	2462	Sum	14.33	30	Pass

NVNT	ax40	2422	Ant1	10.14	30	Pass
NVNT	ax40	2422	Ant2	10.02	30	Pass
NVNT	ax40	2422	Sum	13.09	30	Pass
NVNT	ax40	2437	Ant1	10.08	30	Pass
NVNT	ax40	2437	Ant2	10.02	30	Pass
NVNT	ax40	2437	Sum	13.06	30	Pass
NVNT	ax40	2452	Ant1	10.19	30	Pass
NVNT	ax40	2452	Ant2	10.19	30	Pass
NVNT	ax40	2452	Sum	13.2	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Antenna Gain (dBi)	E.i.r.p. (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.7	3.64	22.34	36.02	Pass
NVNT	b	2412	Ant2	18.87	3.64	22.51	36.02	Pass
NVNT	b	2437	Ant1	18.68	3.64	22.32	36.02	Pass
NVNT	b	2437	Ant2	18.95	3.64	22.59	36.02	Pass
NVNT	b	2462	Ant1	18.86	3.64	22.5	36.02	Pass
NVNT	b	2462	Ant2	18.95	3.64	22.59	36.02	Pass
NVNT	g	2412	Ant1	17.32	3.64	20.96	36.02	Pass
NVNT	g	2412	Ant2	17.74	3.64	21.38	36.02	Pass
NVNT	g	2437	Ant1	17.06	3.64	20.7	36.02	Pass
NVNT	g	2437	Ant2	16.61	3.64	20.25	36.02	Pass
NVNT	g	2462	Ant1	17.15	3.64	20.79	36.02	Pass
NVNT	g	2462	Ant2	16.86	3.64	20.5	36.02	Pass
NVNT	n20	2412	Ant1	12.6	3.64	16.24	36.02	Pass
NVNT	n20	2412	Ant2	12.25	3.64	15.89	36.02	Pass
NVNT	n20	2412	Sum	15.44	3.64	19.08	36.02	Pass
NVNT	n20	2437	Ant1	12.51	3.64	16.15	36.02	Pass
NVNT	n20	2437	Ant2	11.96	3.64	15.6	36.02	Pass
NVNT	n20	2437	Sum	15.25	3.64	18.89	36.02	Pass
NVNT	n20	2462	Ant1	12.68	3.64	16.32	36.02	Pass
NVNT	n20	2462	Ant2	12.2	3.64	15.84	36.02	Pass
NVNT	n20	2462	Sum	15.46	3.64	19.1	36.02	Pass
NVNT	n40	2422	Ant1	10.22	3.64	13.86	36.02	Pass
NVNT	n40	2422	Ant2	10.18	3.64	13.82	36.02	Pass
NVNT	n40	2422	Sum	13.21	3.64	16.85	36.02	Pass
NVNT	n40	2437	Ant1	10.24	3.64	13.88	36.02	Pass
NVNT	n40	2437	Ant2	10.11	3.64	13.75	36.02	Pass
NVNT	n40	2437	Sum	13.19	3.64	16.83	36.02	Pass
NVNT	n40	2452	Ant1	10.29	3.64	13.93	36.02	Pass
NVNT	n40	2452	Ant2	10.12	3.64	13.76	36.02	Pass
NVNT	n40	2452	Sum	13.22	3.64	16.86	36.02	Pass
NVNT	ax20	2412	Ant1	11.57	3.64	15.21	36.02	Pass
NVNT	ax20	2412	Ant2	11.82	3.64	15.46	36.02	Pass
NVNT	ax20	2412	Sum	14.71	3.64	18.35	36.02	Pass
NVNT	ax20	2437	Ant1	11.12	3.64	14.76	36.02	Pass
NVNT	ax20	2437	Ant2	11.28	3.64	14.92	36.02	Pass
NVNT	ax20	2437	Sum	14.21	3.64	17.85	36.02	Pass
NVNT	ax20	2462	Ant1	11.26	3.64	14.9	36.02	Pass
NVNT	ax20	2462	Ant2	11.37	3.64	15.01	36.02	Pass
NVNT	ax20	2462	Sum	14.33	3.64	17.97	36.02	Pass

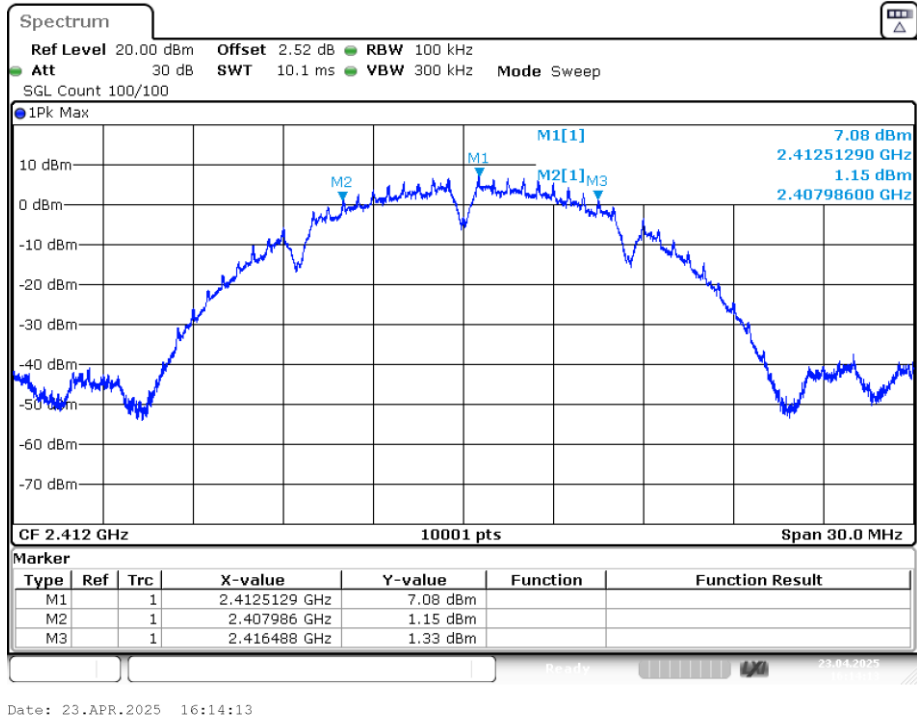
NVNT	ax40	2422	Ant1	10.14	3.64	13.78	36.02	Pass
NVNT	ax40	2422	Ant2	10.02	3.64	13.66	36.02	Pass
NVNT	ax40	2422	Sum	13.09	3.64	16.73	36.02	Pass
NVNT	ax40	2437	Ant1	10.08	3.64	13.72	36.02	Pass
NVNT	ax40	2437	Ant2	10.02	3.64	13.66	36.02	Pass
NVNT	ax40	2437	Sum	13.06	3.64	16.7	36.02	Pass
NVNT	ax40	2452	Ant1	10.19	3.64	13.83	36.02	Pass
NVNT	ax40	2452	Ant2	10.19	3.64	13.83	36.02	Pass
NVNT	ax40	2452	Sum	13.2	3.64	16.84	36.02	Pass

-6dB Bandwidth

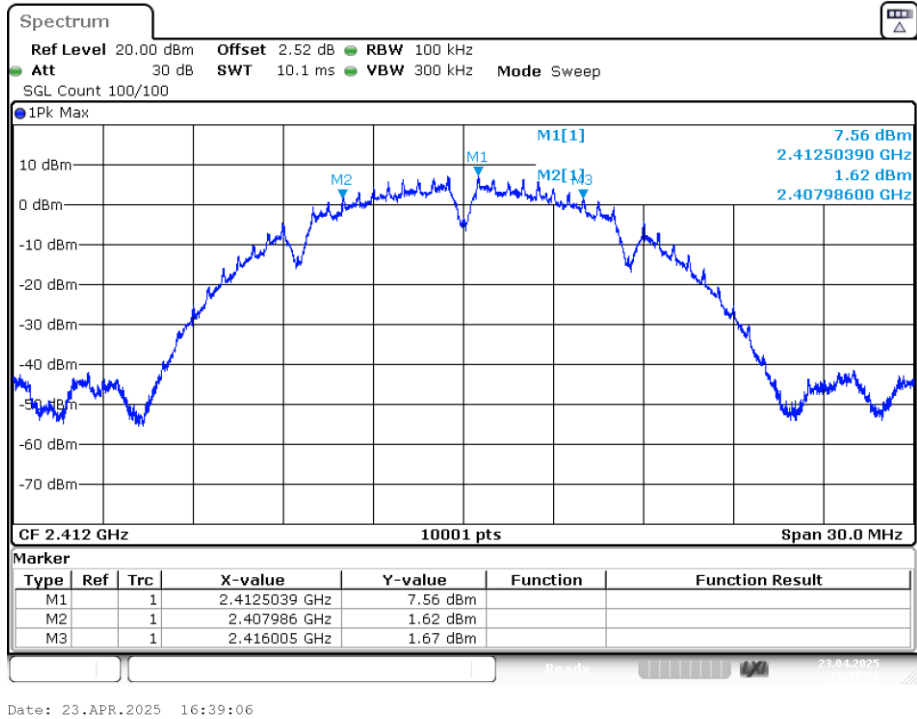
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.5	0.5	Pass
NVNT	b	2412	Ant2	8.02	0.5	Pass
NVNT	b	2437	Ant1	8	0.5	Pass
NVNT	b	2437	Ant2	7.54	0.5	Pass
NVNT	b	2462	Ant1	8.04	0.5	Pass
NVNT	b	2462	Ant2	8	0.5	Pass
NVNT	g	2412	Ant1	13.76	0.5	Pass
NVNT	g	2412	Ant2	15.23	0.5	Pass
NVNT	g	2437	Ant1	15.28	0.5	Pass
NVNT	g	2437	Ant2	15.38	0.5	Pass
NVNT	g	2462	Ant1	15.67	0.5	Pass
NVNT	g	2462	Ant2	16.01	0.5	Pass
NVNT	n20	2412	Ant1	16.27	0.5	Pass
NVNT	n20	2412	Ant2	15.41	0.5	Pass
NVNT	n20	2437	Ant1	16.51	0.5	Pass
NVNT	n20	2437	Ant2	16.01	0.5	Pass
NVNT	n20	2462	Ant1	16.3	0.5	Pass
NVNT	n20	2462	Ant2	16.9	0.5	Pass
NVNT	n40	2422	Ant1	32.58	0.5	Pass
NVNT	n40	2422	Ant2	35.1	0.5	Pass
NVNT	n40	2437	Ant1	35.02	0.5	Pass
NVNT	n40	2437	Ant2	35.02	0.5	Pass
NVNT	n40	2452	Ant1	32.57	0.5	Pass
NVNT	n40	2452	Ant2	35.07	0.5	Pass
NVNT	ax20	2412	Ant1	15.69	0.5	Pass
NVNT	ax20	2412	Ant2	15.97	0.5	Pass
NVNT	ax20	2437	Ant1	16.86	0.5	Pass
NVNT	ax20	2437	Ant2	15.99	0.5	Pass
NVNT	ax20	2462	Ant1	18.2	0.5	Pass
NVNT	ax20	2462	Ant2	17.29	0.5	Pass
NVNT	ax40	2422	Ant1	35.78	0.5	Pass
NVNT	ax40	2422	Ant2	36.32	0.5	Pass
NVNT	ax40	2437	Ant1	36.05	0.5	Pass
NVNT	ax40	2437	Ant2	35.06	0.5	Pass
NVNT	ax40	2452	Ant1	33.83	0.5	Pass
NVNT	ax40	2452	Ant2	36.3	0.5	Pass

Test Graphs

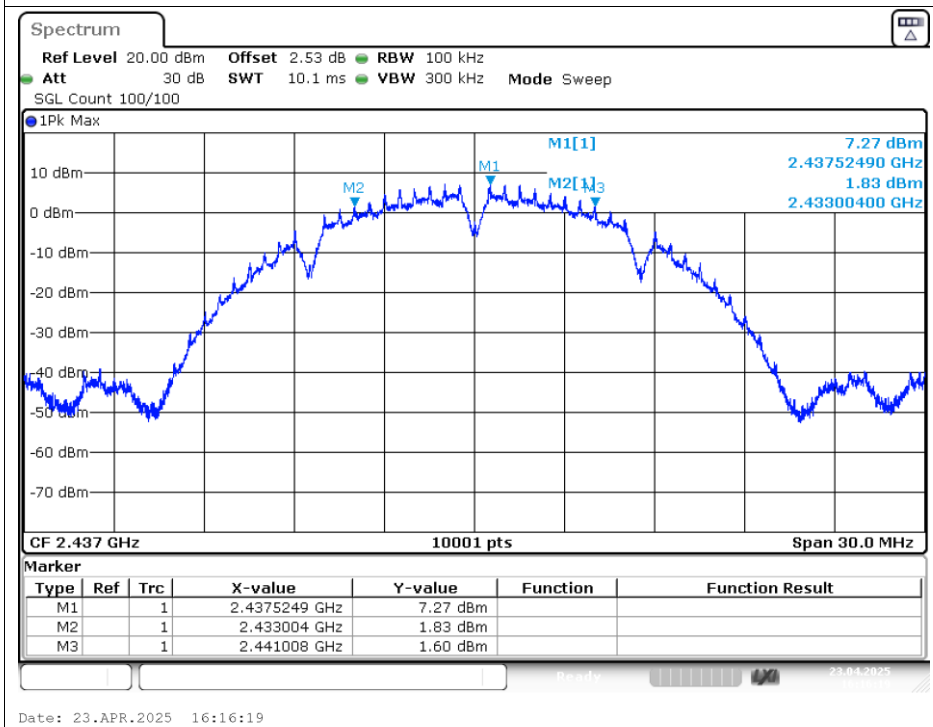
-6dB Bandwidth NVNT b 2412MHz Ant1



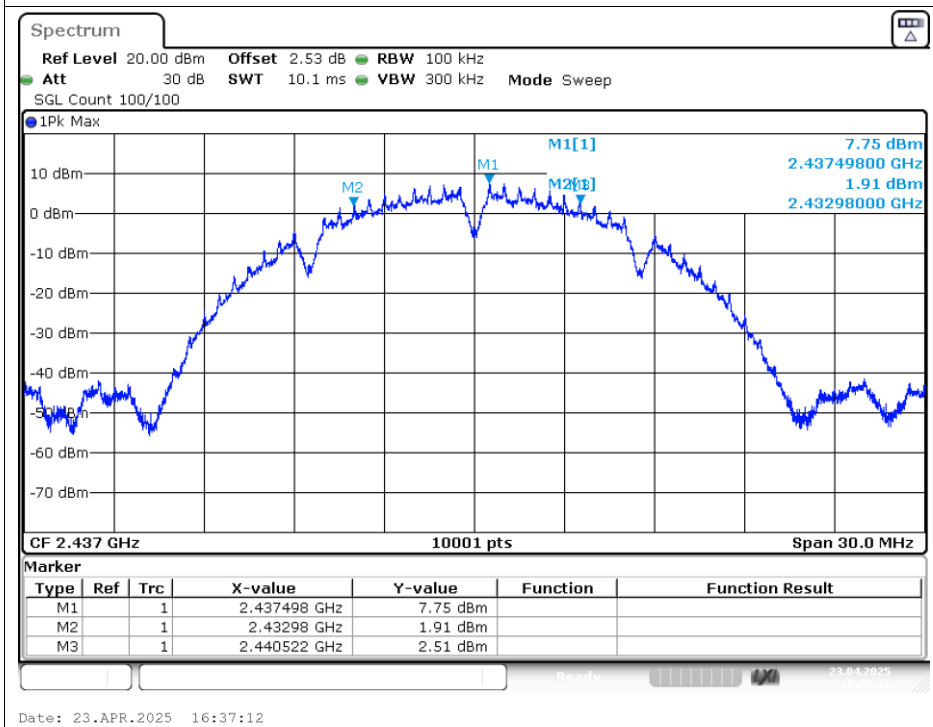
-6dB Bandwidth NVNT b 2412MHz Ant2



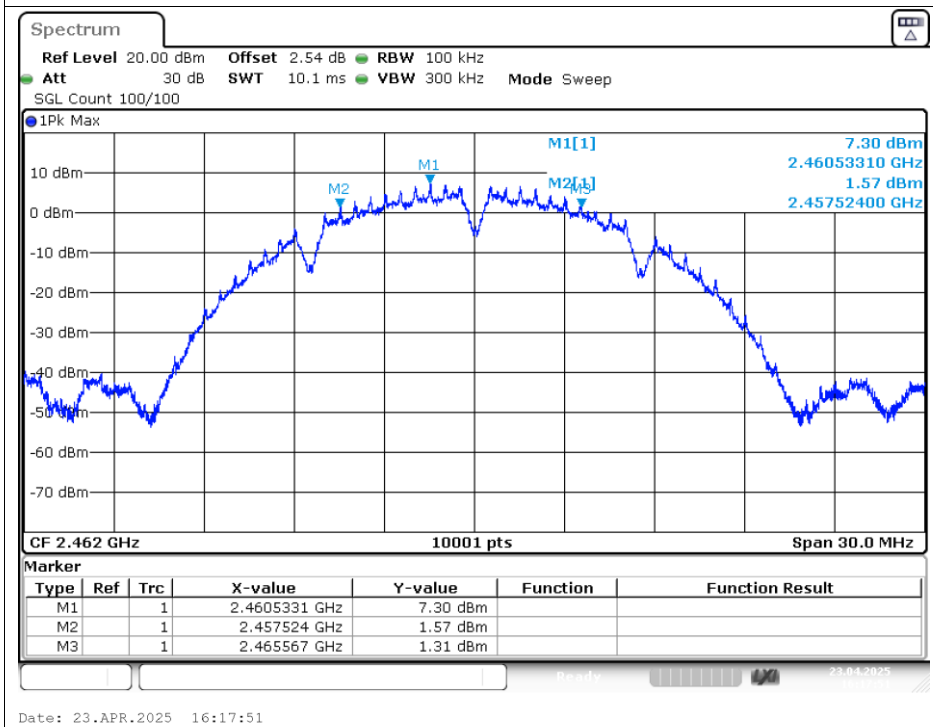
-6dB Bandwidth NVNT b 2437MHz Ant1



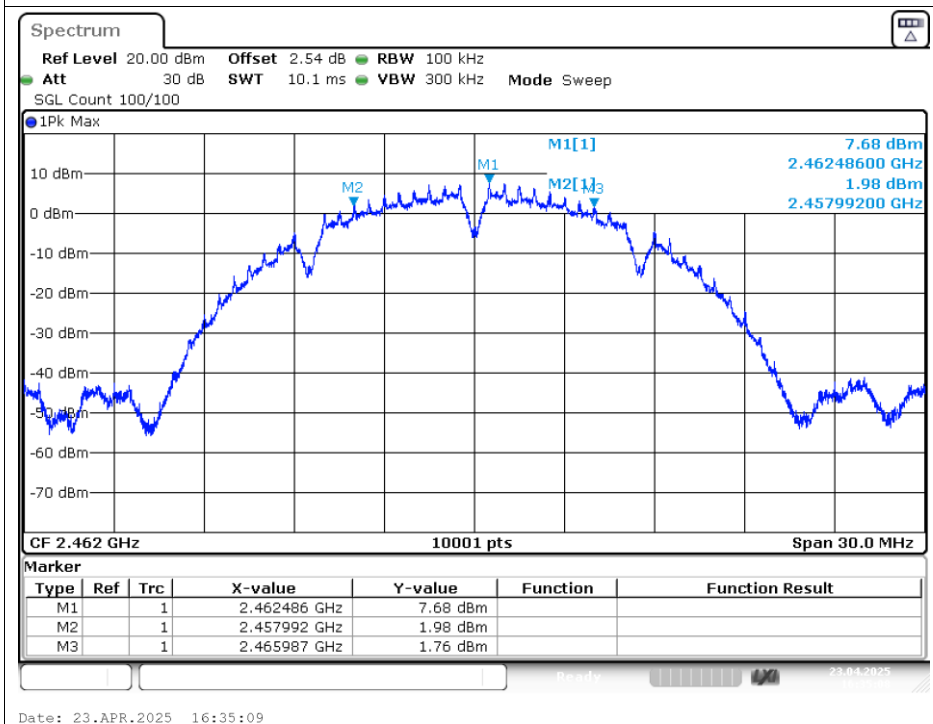
-6dB Bandwidth NVNT b 2437MHz Ant2



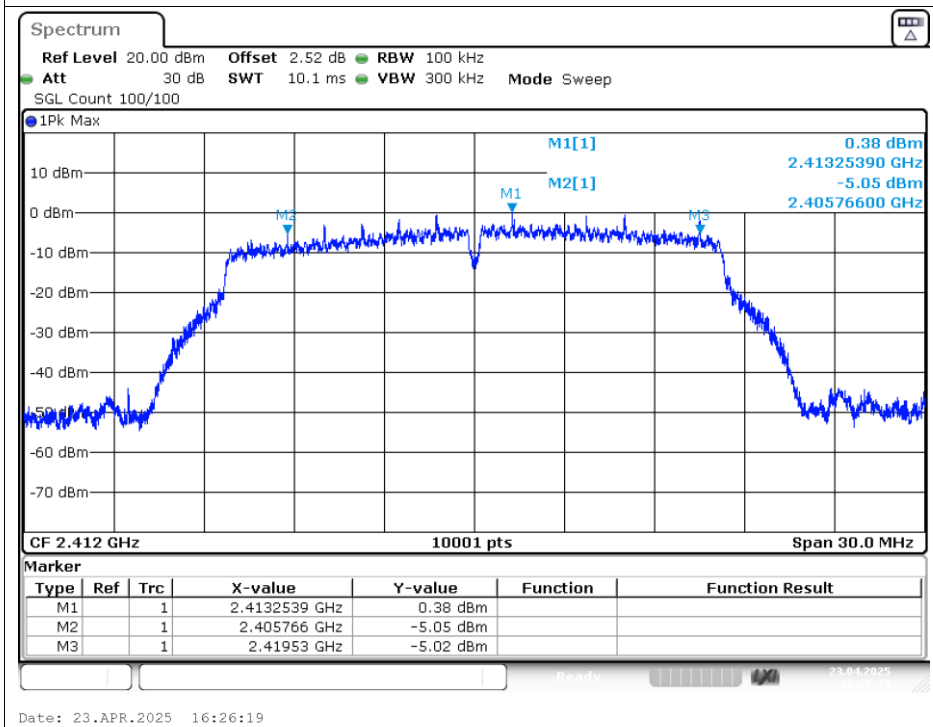
-6dB Bandwidth NVNT b 2462MHz Ant1



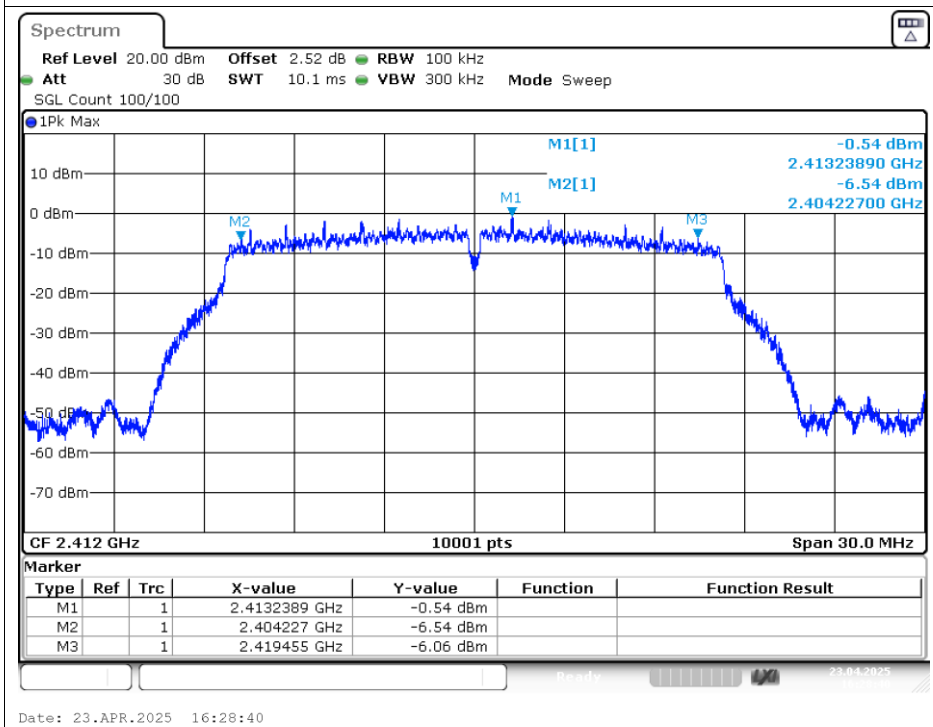
-6dB Bandwidth NVNT b 2462MHz Ant2



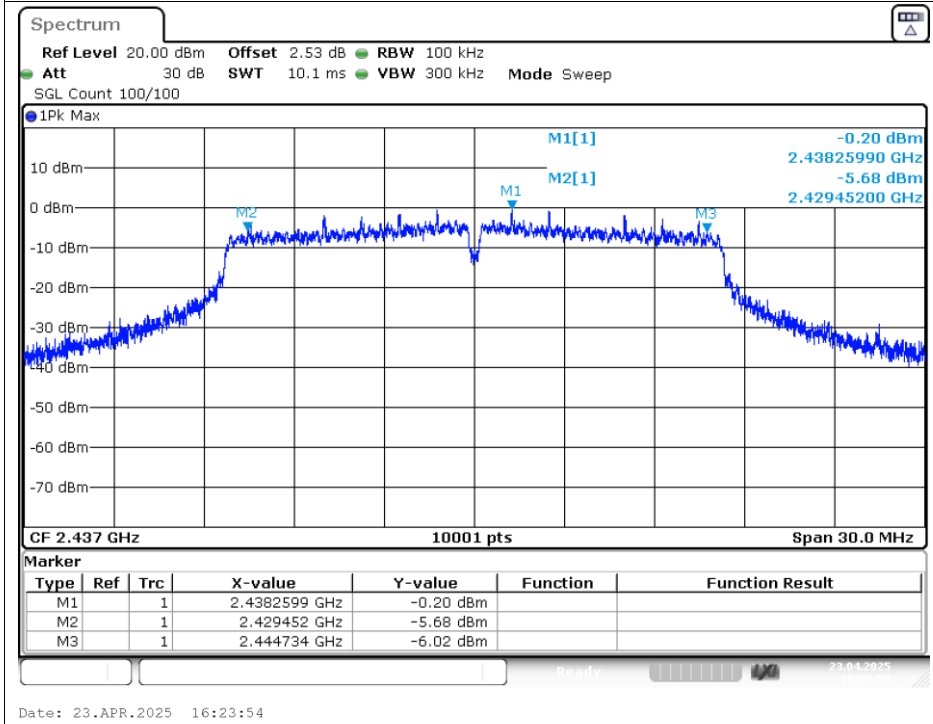
-6dB Bandwidth NVNT g 2412MHz Ant1



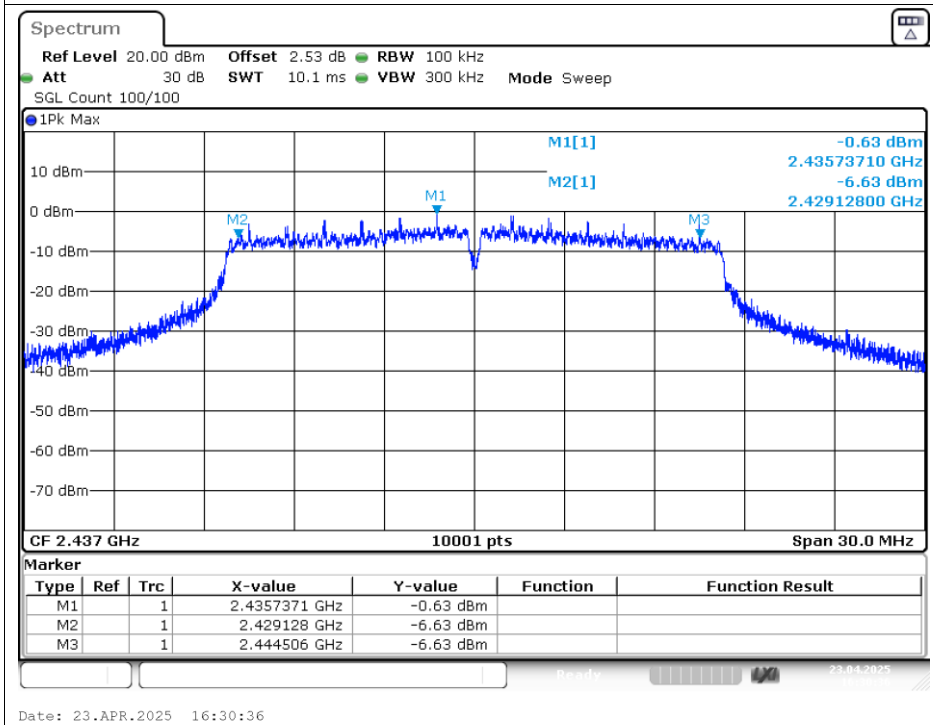
-6dB Bandwidth NVNT g 2412MHz Ant2



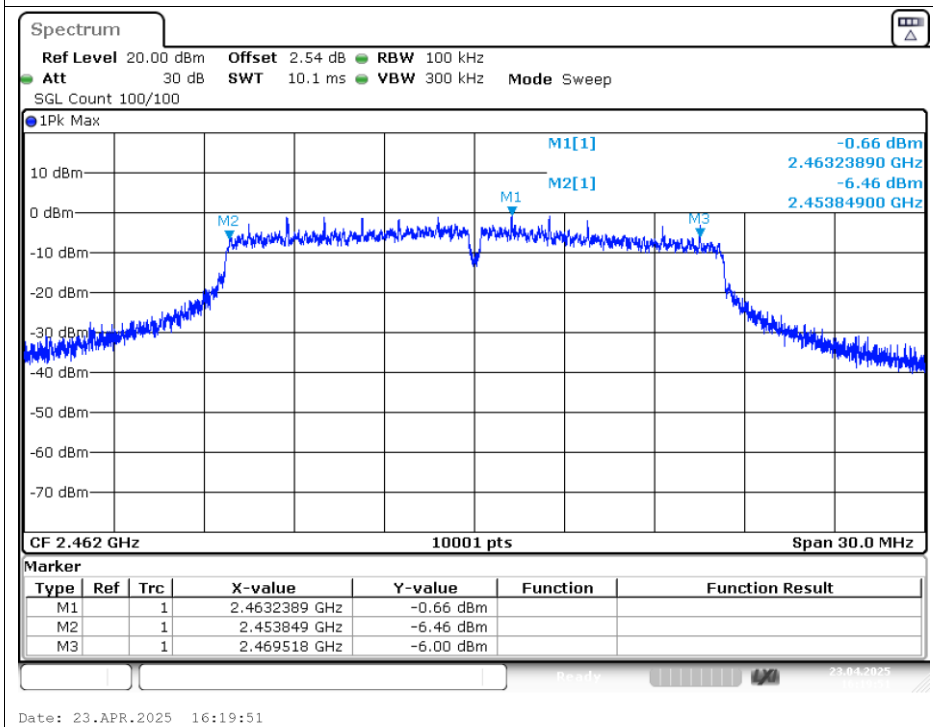
-6dB Bandwidth NVNT g 2437MHz Ant1



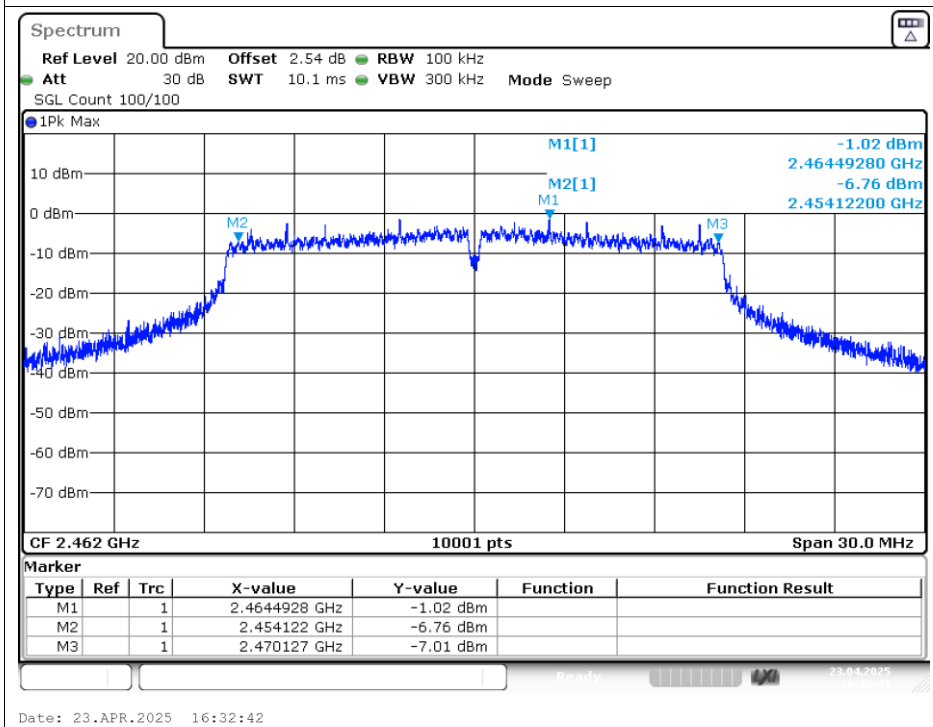
-6dB Bandwidth NVNT g 2437MHz Ant2



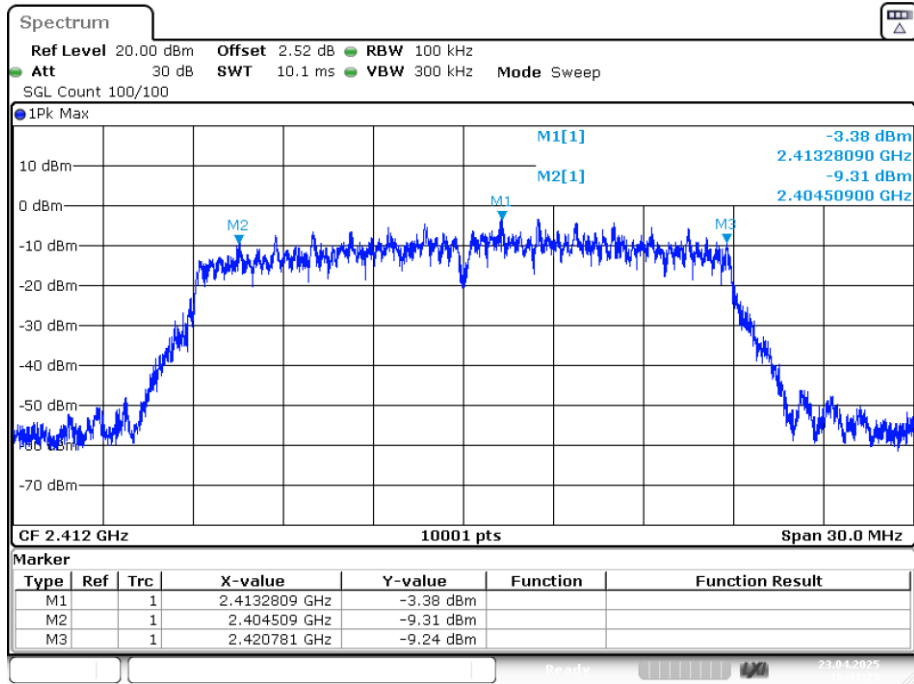
-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant2

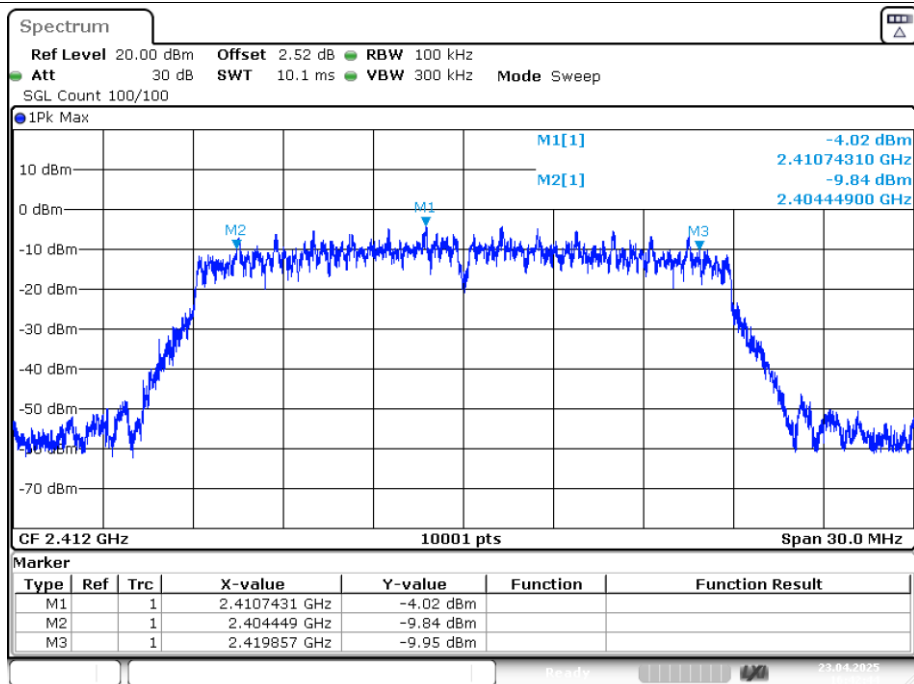


-6dB Bandwidth NVNT n20 2412MHz Ant1



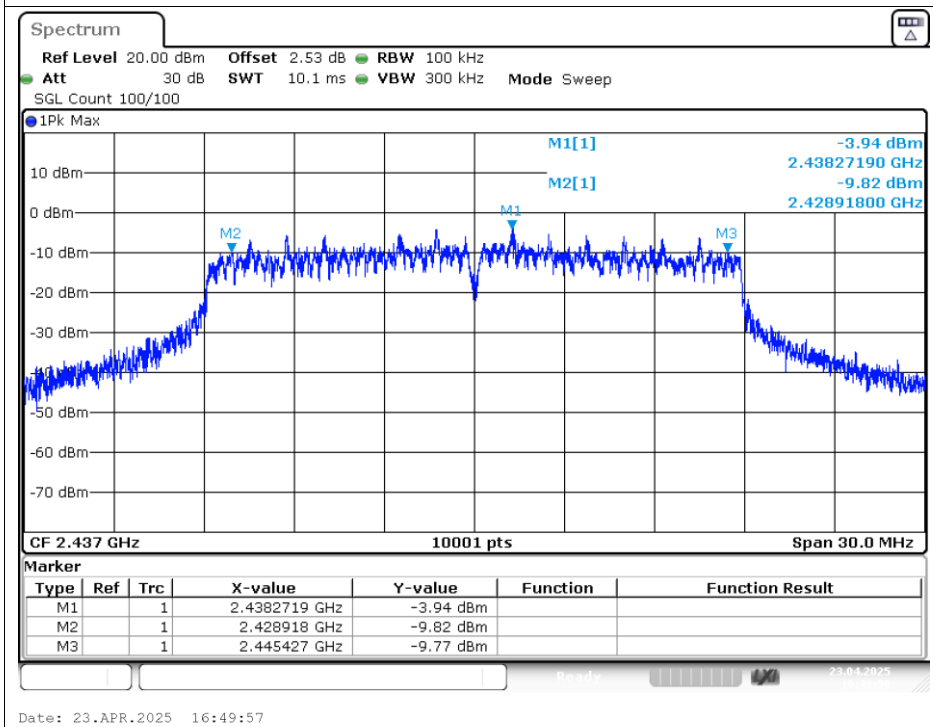
Date: 23.APR.2025 16:41:29

-6dB Bandwidth NVNT n20 2412MHz Ant2

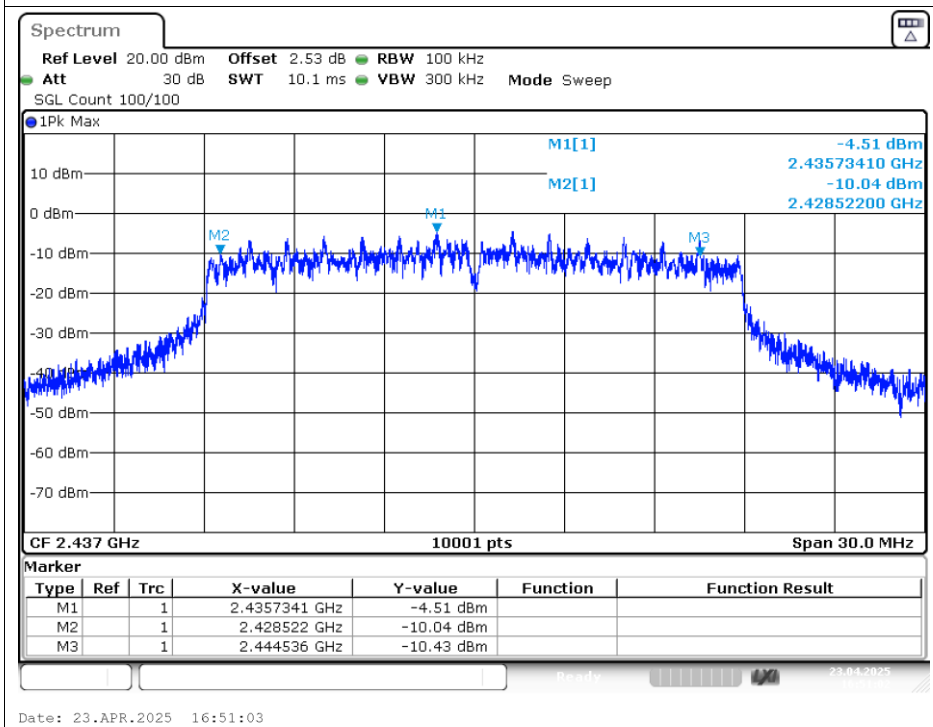


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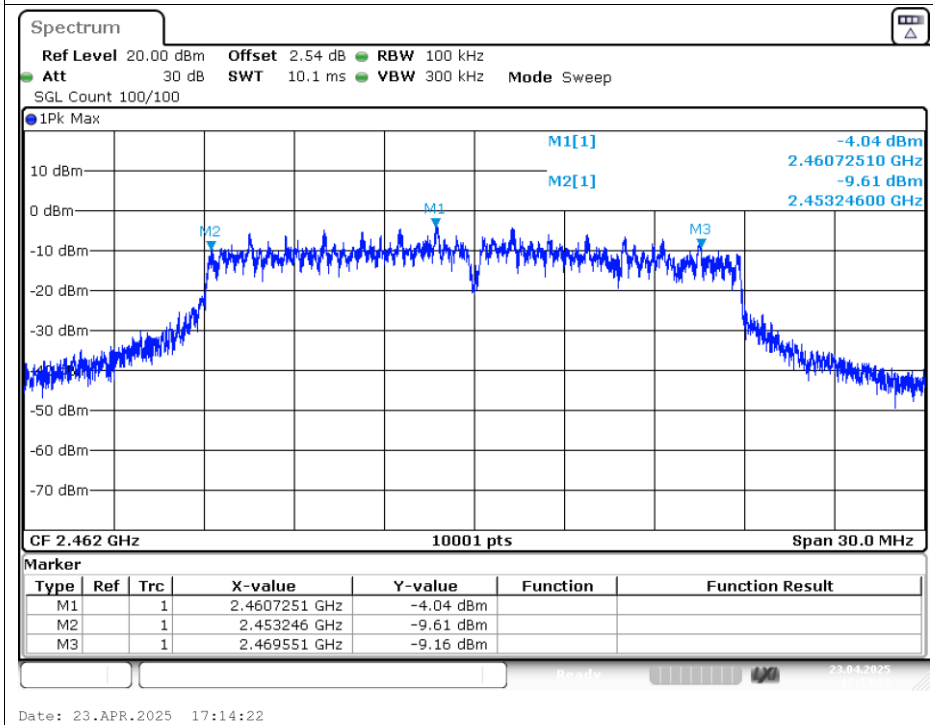
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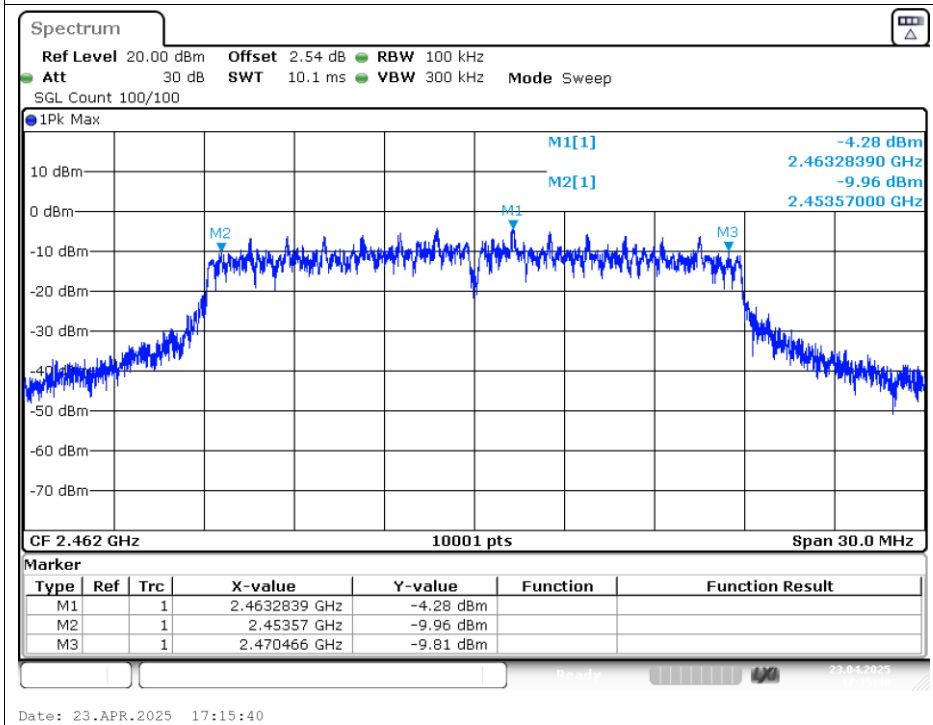
-6dB Bandwidth NVNT n20 2437MHz Ant2



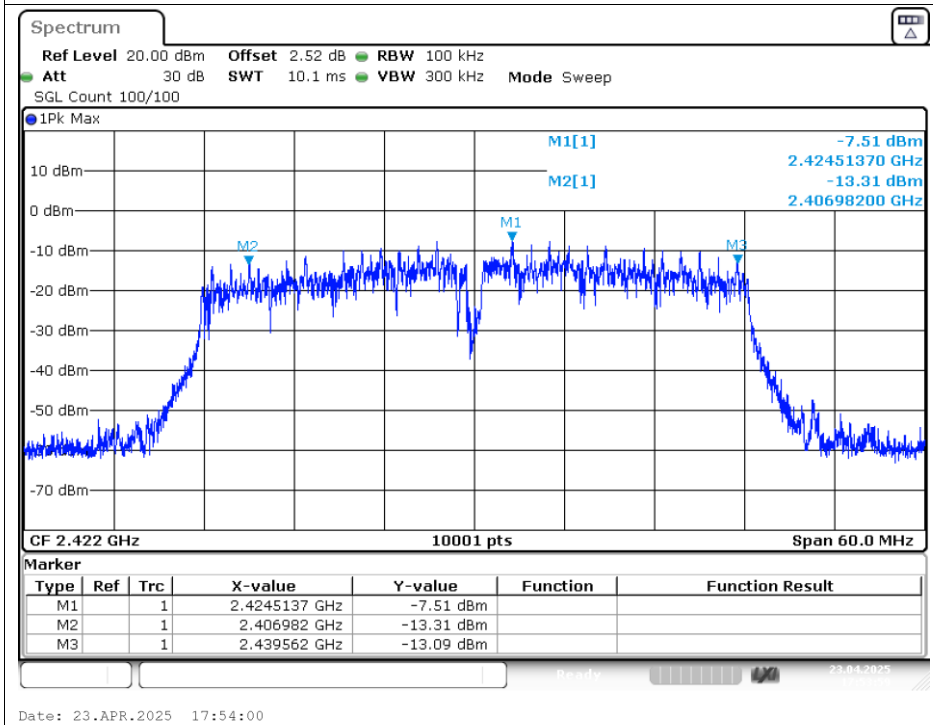
-6dB Bandwidth NVNT n20 2462MHz Ant1



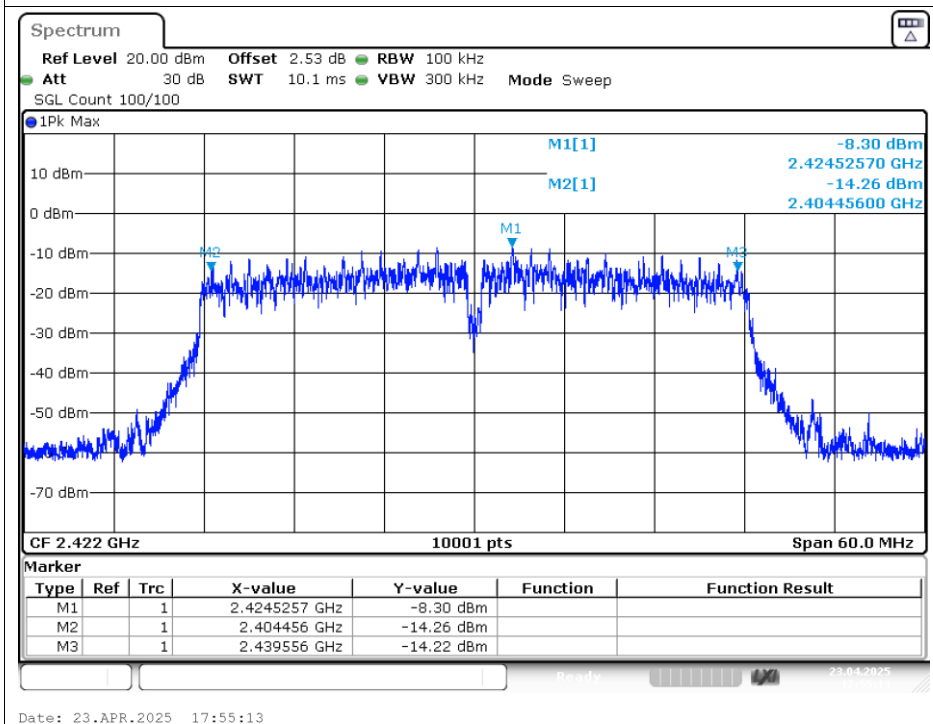
-6dB Bandwidth NVNT n20 2462MHz Ant2



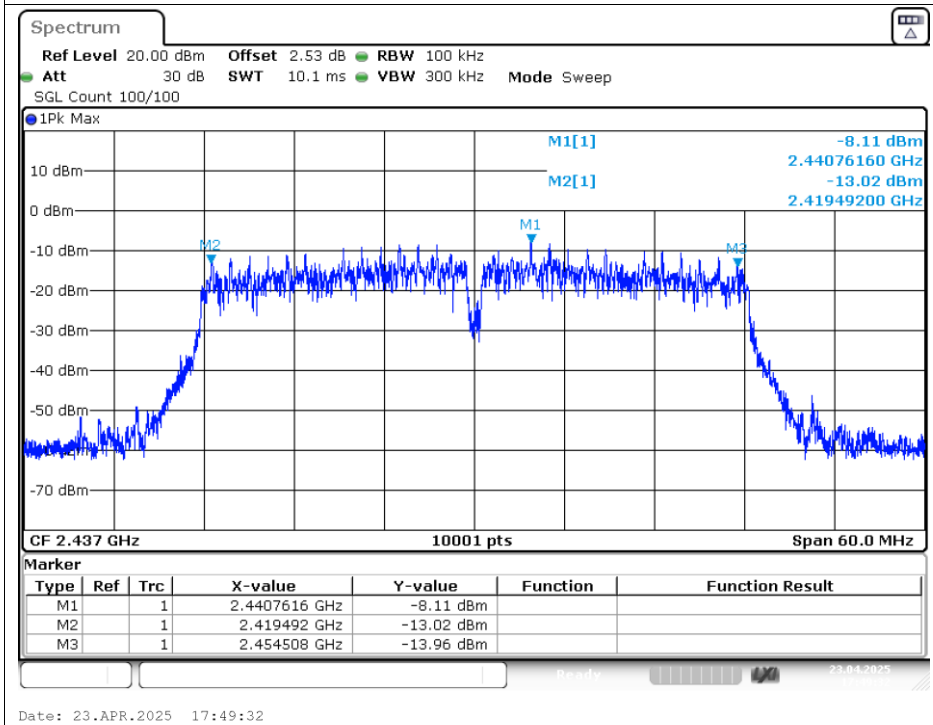
-6dB Bandwidth NVNT n40 2422MHz Ant1



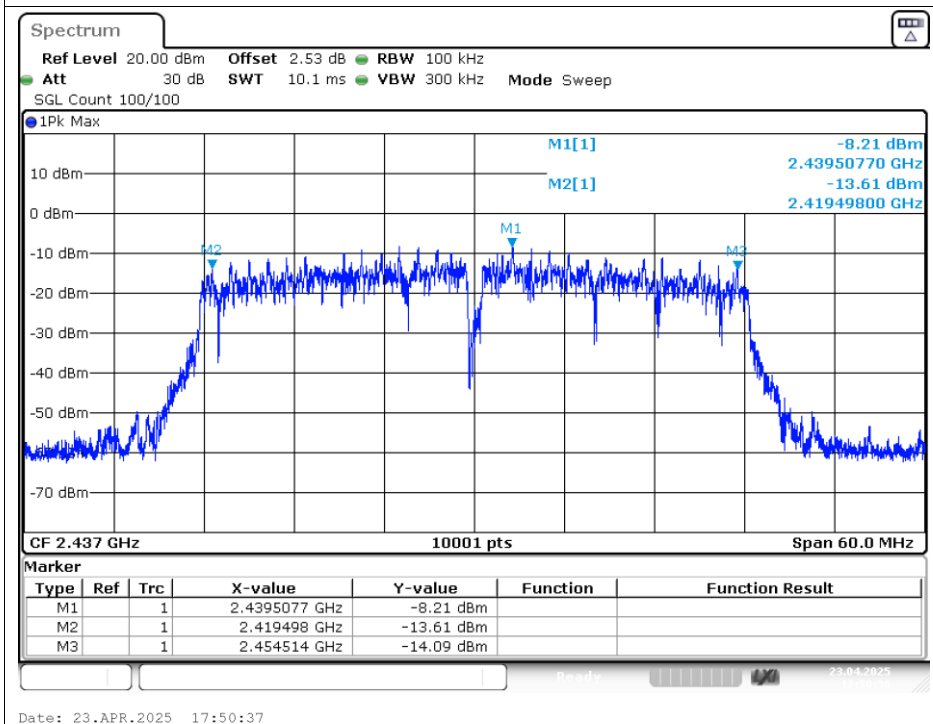
-6dB Bandwidth NVNT n40 2422MHz Ant2



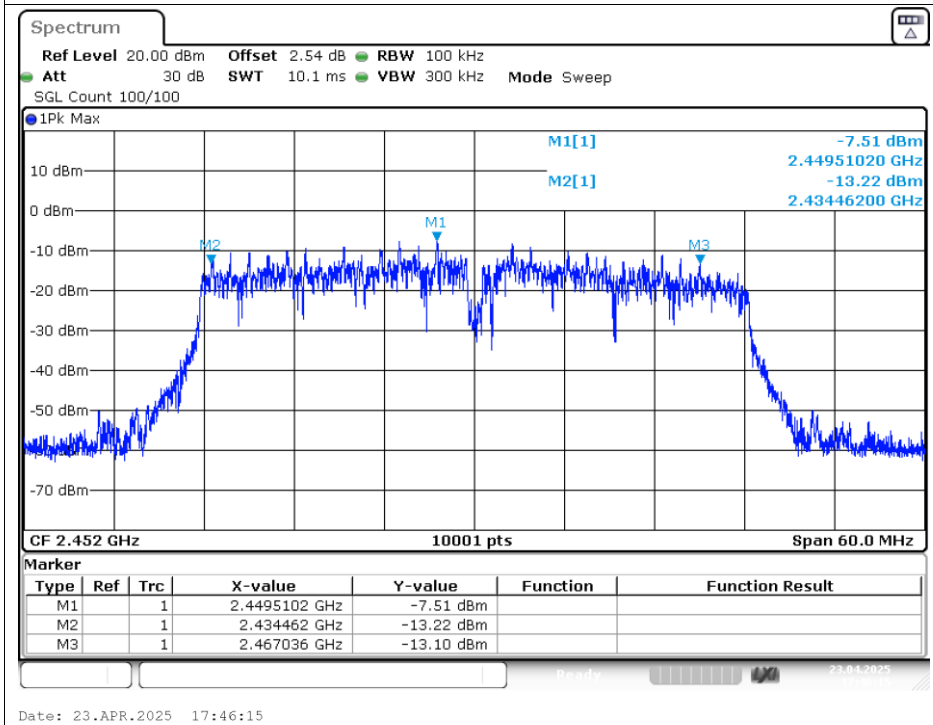
-6dB Bandwidth NVNT n40 2437MHz Ant1



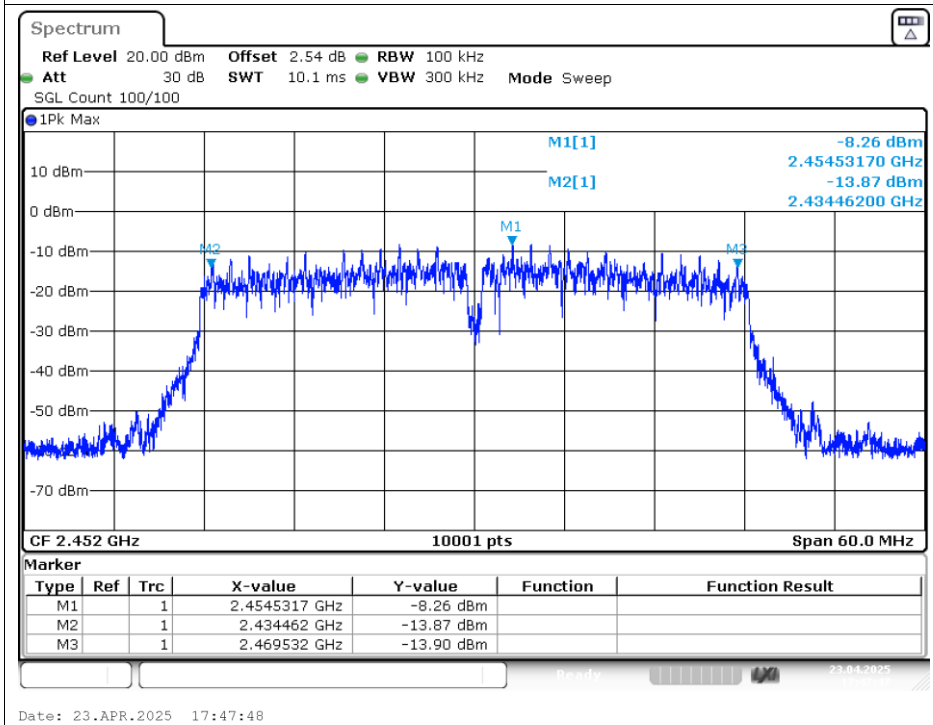
-6dB Bandwidth NVNT n40 2437MHz Ant2



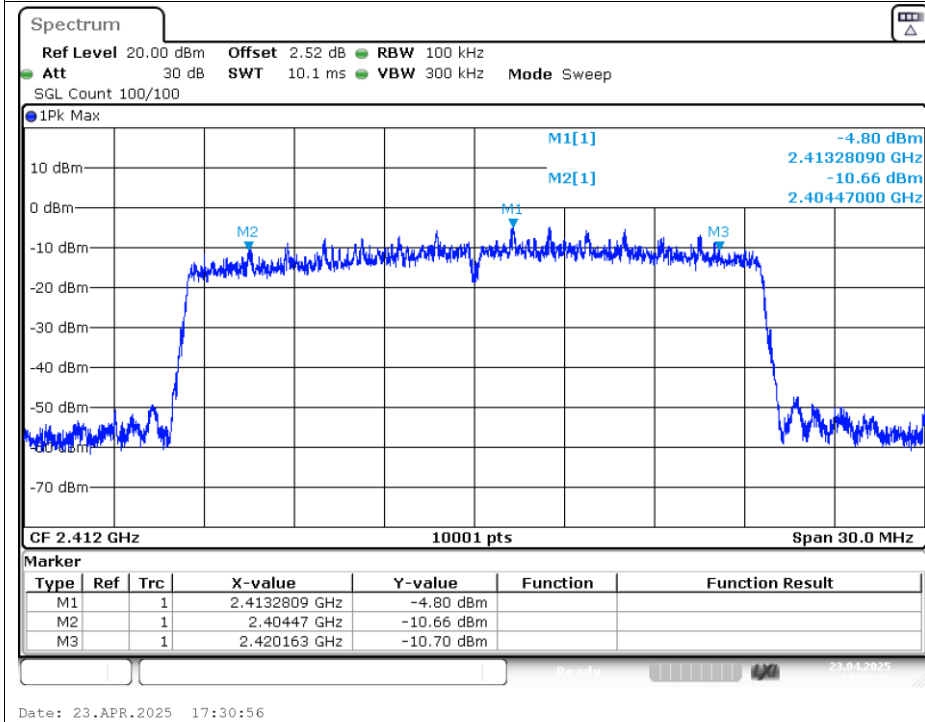
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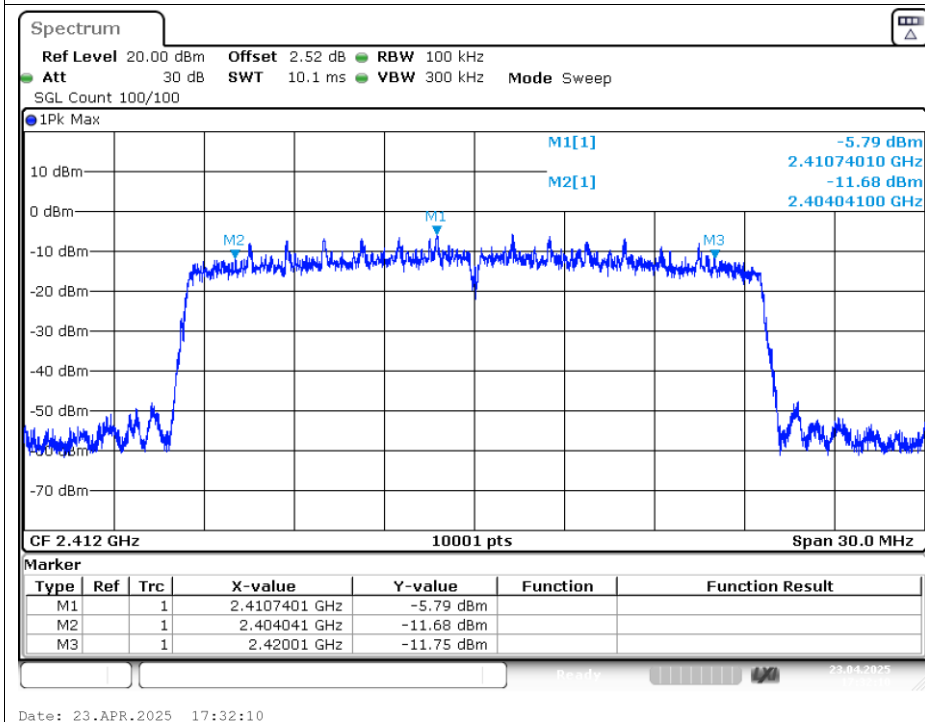
-6dB Bandwidth NVNT n40 2452MHz Ant2



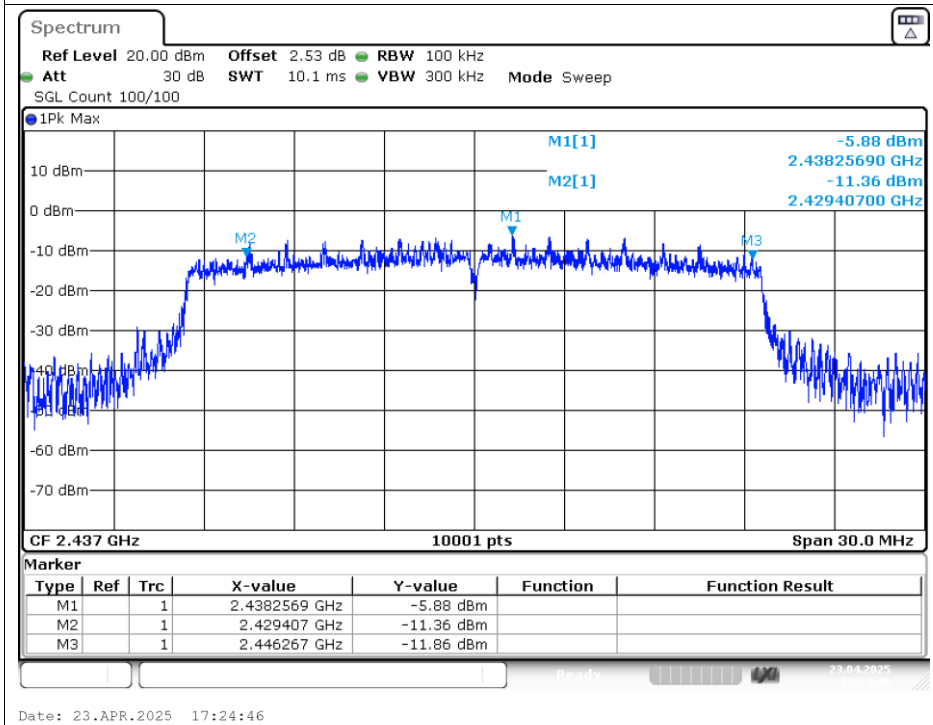
-6dB Bandwidth NVNT ax20 2412MHz Ant1



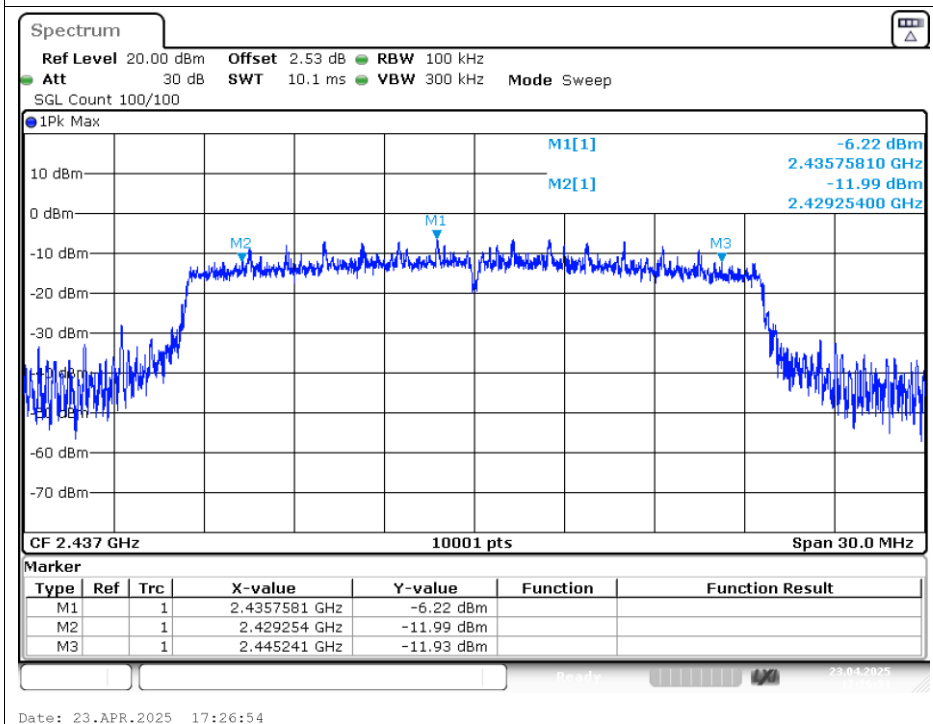
-6dB Bandwidth NVNT ax20 2412MHz Ant2



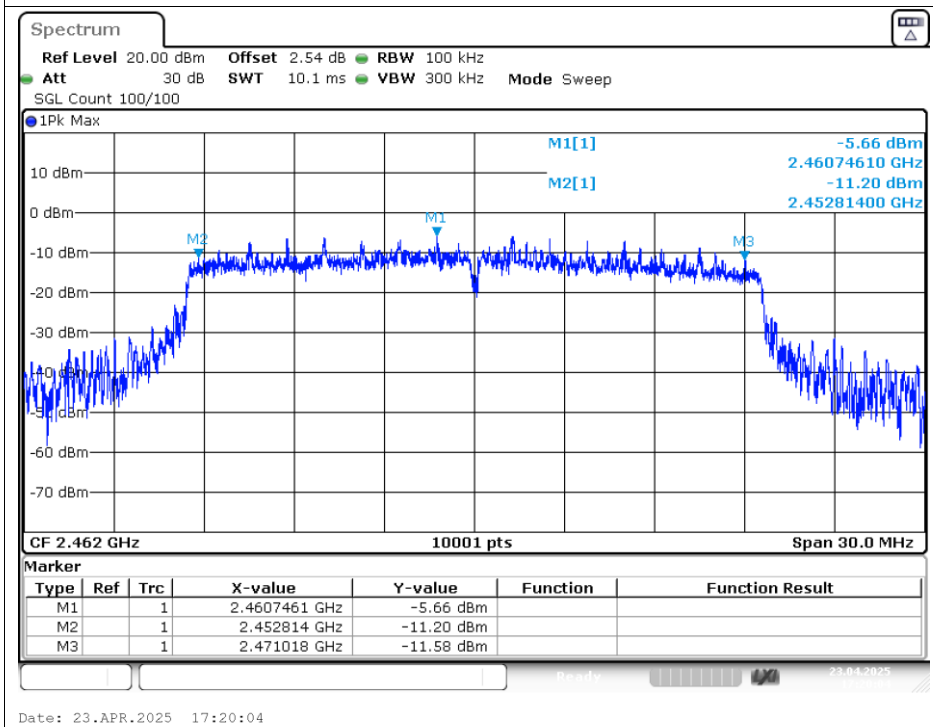
-6dB Bandwidth NVNT ax20 2437MHz Ant1



-6dB Bandwidth NVNT ax20 2437MHz Ant2



-6dB Bandwidth NVNT ax20 2462MHz Ant1



-6dB Bandwidth NVNT ax20 2462MHz Ant2

