

APPENDIX: Test data

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	95.16	0.22	0.48
NVNT	a	5180	Ant2	95.16	0.22	0.48
NVNT	a	5180	Ant3	95.21	0.21	0.48
NVNT	a	5180	Ant4	95.16	0.22	0.48
NVNT	a	5200	Ant1	95.21	0.21	0.48
NVNT	a	5200	Ant2	95.16	0.22	0.48
NVNT	a	5200	Ant3	95.16	0.22	0.48
NVNT	a	5200	Ant4	95.16	0.22	0.48
NVNT	a	5240	Ant1	95.16	0.22	0.48
NVNT	a	5240	Ant2	95.16	0.22	0.48
NVNT	a	5240	Ant3	95.21	0.21	0.48
NVNT	a	5240	Ant4	95.16	0.22	0.48
NVNT	n20	5180	Ant1	95.2	0.21	0.52
NVNT	n20	5180	Ant2	95.15	0.22	0.52
NVNT	n20	5180	Ant3	95.2	0.21	0.52
NVNT	n20	5180	Ant4	95.2	0.21	0.52
NVNT	n20	5200	Ant1	95.2	0.21	0.52
NVNT	n20	5200	Ant2	95.2	0.21	0.52
NVNT	n20	5200	Ant3	95.2	0.21	0.52
NVNT	n20	5200	Ant4	95.2	0.21	0.52
NVNT	n20	5240	Ant1	95.2	0.21	0.52
NVNT	n20	5240	Ant2	95.2	0.21	0.52
NVNT	n20	5240	Ant3	95.2	0.21	0.52
NVNT	n20	5240	Ant4	95.2	0.21	0.52
NVNT	n40	5190	Ant1	90.72	0.42	1.05
NVNT	n40	5190	Ant2	90.82	0.42	1.05
NVNT	n40	5190	Ant3	90.92	0.41	1.05
NVNT	n40	5190	Ant4	90.82	0.42	1.05
NVNT	n40	5230	Ant1	90.92	0.41	1.05
NVNT	n40	5230	Ant2	99.79	0	1.06
NVNT	n40	5230	Ant3	90.92	0.41	1.05
NVNT	n40	5230	Ant4	90.73	0.42	1.05
NVNT	ac20	5180	Ant1	98.62	0	0.52
NVNT	ac20	5180	Ant2	98.62	0	0.52
NVNT	ac20	5180	Ant3	98.62	0	0.52
NVNT	ac20	5180	Ant4	98.62	0	0.52
NVNT	ac20	5200	Ant1	98.62	0	0.52
NVNT	ac20	5200	Ant2	98.62	0	0.52
NVNT	ac20	5200	Ant3	98.62	0	0.52
NVNT	ac20	5200	Ant4	98.62	0	0.52
NVNT	ac20	5240	Ant1	98.62	0	0.52
NVNT	ac20	5240	Ant2	98.62	0	0.52
NVNT	ac20	5240	Ant3	98.67	0	0.52
NVNT	ac20	5240	Ant4	98.62	0	0.52
NVNT	ac40	5190	Ant1	97.45	0.11	1.05
NVNT	ac40	5190	Ant2	97.25	0.12	1.05
NVNT	ac40	5190	Ant3	97.45	0.11	1.05
NVNT	ac40	5190	Ant4	97.15	0.13	1.05
NVNT	ac40	5230	Ant1	92.86	0.32	38.46
NVNT	ac40	5230	Ant2	97.35	0.12	1.05
NVNT	ac40	5230	Ant3	97.35	0.12	1.05
NVNT	ac40	5230	Ant4	97.35	0.12	1.05
NVNT	ac80	5210	Ant1	94.66	0.24	2.17
NVNT	ac80	5210	Ant2	94.47	0.25	2.17
NVNT	ac80	5210	Ant3	94.67	0.24	2.16
NVNT	ac80	5210	Ant4	94.87	0.23	2.16
NVNT	ac160	5250	Ant1	90.71	0.42	3.94
NVNT	ac160	5250	Ant2	91.02	0.41	3.94
NVNT	ac160	5250	Ant3	90.71	0.42	3.94
NVNT	ac160	5250	Ant4	90.71	0.42	3.94
NVNT	ax160	5250	Ant1	90.53	0.43	4.18
NVNT	ax160	5250	Ant2	90.53	0.43	4.18
NVNT	ax160	5250	Ant3	90.53	0.43	4.18
NVNT	ax160	5250	Ant4	90.19	0.45	4.18
NVNT	ax20	5180	Ant1	98.22	0	0.67

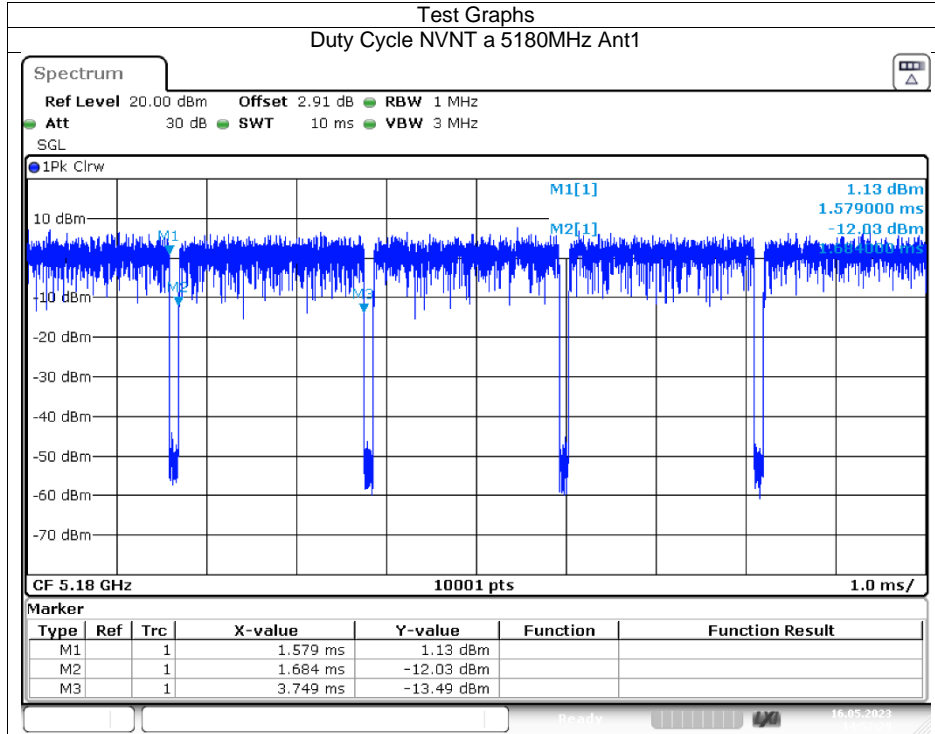
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NVNT	ax20	5180	Ant3	98.22	0	0.67
NVNT	ax20	5180	Ant4	98.22	0	0.67
NVNT	ax20	5200	Ant1	98.22	0	0.67
NVNT	ax20	5200	Ant2	98.22	0	0.67
NVNT	ax20	5200	Ant3	98.22	0	0.67
NVNT	ax20	5200	Ant4	98.15	0	0.67
NVNT	ax20	5240	Ant1	98.22	0	0.67
NVNT	ax20	5240	Ant2	98.22	0	0.67
NVNT	ax20	5240	Ant3	98.22	0	0.67
NVNT	ax20	5240	Ant4	98.22	0	0.67
NVNT	ax40	5190	Ant1	96.78	0.14	1.28
NVNT	ax40	5190	Ant2	96.78	0.14	1.28
NVNT	ax40	5190	Ant3	96.78	0.14	1.28
NVNT	ax40	5190	Ant4	96.78	0.14	1.28
NVNT	ax40	5230	Ant1	96.91	0.14	1.28
NVNT	ax40	5230	Ant2	96.78	0.14	1.28
NVNT	ax40	5230	Ant3	96.78	0.14	1.28
NVNT	ax40	5230	Ant4	96.78	0.14	1.28
NVNT	ax80	5210	Ant1	93.88	0.27	2.42
NVNT	ax80	5210	Ant2	93.88	0.27	2.42
NVNT	ax80	5210	Ant3	94.1	0.26	2.41
NVNT	ax80	5210	Ant4	94.32	0.25	2.41

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	95.16	0.22	0.48
NVNT	a	5260	Ant2	95.16	0.22	0.48
NVNT	a	5260	Ant3	95.16	0.22	0.48
NVNT	a	5260	Ant4	95.21	0.21	0.48
NVNT	a	5280	Ant1	95.16	0.22	0.48
NVNT	a	5280	Ant2	95.21	0.21	0.48
NVNT	a	5280	Ant3	95.16	0.22	0.48
NVNT	a	5280	Ant4	95.16	0.22	0.48
NVNT	a	5320	Ant1	95.16	0.22	0.48
NVNT	a	5320	Ant2	95.16	0.22	0.48
NVNT	a	5320	Ant3	95.16	0.22	0.48
NVNT	a	5320	Ant4	95.16	0.22	0.48
NVNT	n20	5260	Ant1	95.2	0.21	0.52
NVNT	n20	5260	Ant2	95.2	0.21	0.52
NVNT	n20	5260	Ant3	95.25	0.21	0.52
NVNT	n20	5260	Ant4	95.2	0.21	0.52
NVNT	n20	5280	Ant1	95.2	0.21	0.52
NVNT	n20	5280	Ant2	95.2	0.21	0.52
NVNT	n20	5280	Ant3	95.2	0.21	0.52
NVNT	n20	5280	Ant4	95.15	0.22	0.52
NVNT	n20	5320	Ant1	95.2	0.21	0.52
NVNT	n20	5320	Ant2	95.2	0.21	0.52
NVNT	n20	5320	Ant3	95.2	0.21	0.52
NVNT	n20	5320	Ant4	95.2	0.21	0.52
NVNT	n40	5270	Ant1	90.8	0.42	1.05
NVNT	n40	5270	Ant2	90.82	0.42	1.05
NVNT	n40	5270	Ant3	90.82	0.42	1.05
NVNT	n40	5270	Ant4	90.82	0.42	1.05
NVNT	n40	5310	Ant1	90.82	0.42	1.05
NVNT	n40	5310	Ant2	90.82	0.42	1.05
NVNT	n40	5310	Ant3	90.92	0.41	1.05
NVNT	n40	5310	Ant4	90.82	0.42	1.05
NVNT	ac20	5260	Ant1	98.62	0	0.52
NVNT	ac20	5260	Ant2	98.62	0	0.52
NVNT	ac20	5260	Ant3	98.62	0	0.52
NVNT	ac20	5260	Ant4	98.62	0	0.52
NVNT	ac20	5280	Ant1	98.62	0	0.52
NVNT	ac20	5280	Ant2	98.62	0	0.52
NVNT	ac20	5280	Ant3	98.62	0	0.52
NVNT	ac20	5280	Ant4	98.62	0	0.52
NVNT	ac20	5320	Ant1	98.57	0	0.52
NVNT	ac20	5320	Ant2	98.57	0	0.52
NVNT	ac20	5320	Ant3	98.62	0	0.52
NVNT	ac20	5320	Ant4	98.62	0	0.52
NVNT	ac40	5270	Ant1	97.35	0.12	1.05
NVNT	ac40	5270	Ant2	97.35	0.12	1.05
NVNT	ac40	5270	Ant3	97.35	0.12	1.05
NVNT	ac40	5270	Ant4	97.35	0.12	1.05

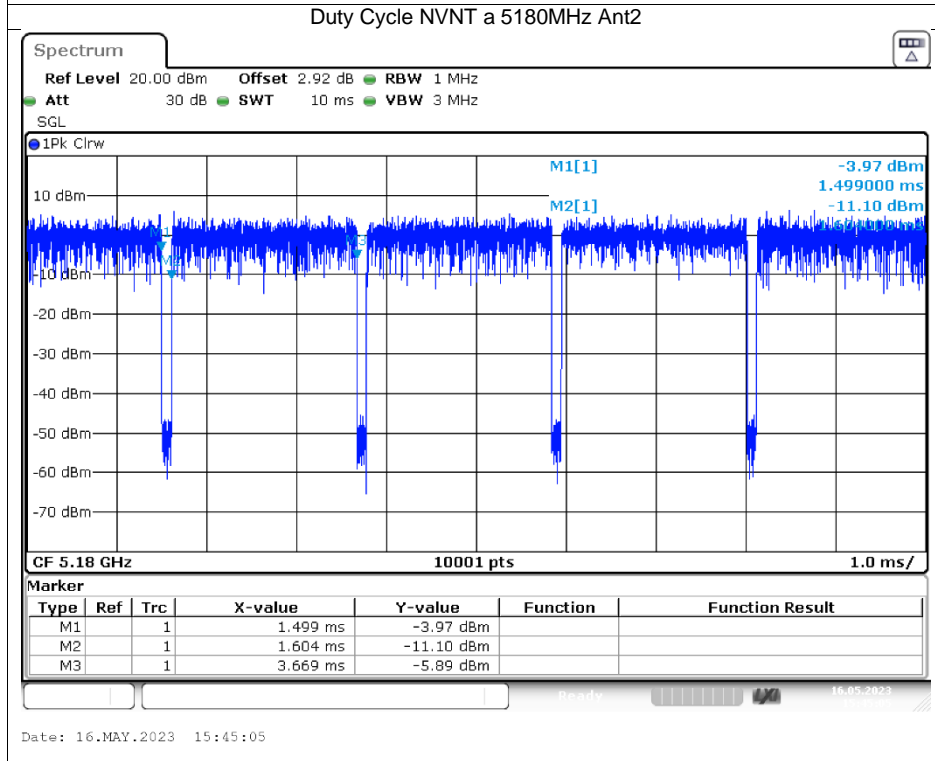
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NVNT	ac40	5310	Ant2	97.45	0.11	1.05
NVNT	ac40	5310	Ant3	97.35	0.12	1.05
NVNT	ac40	5310	Ant4	97.35	0.12	1.05
NVNT	ac80	5290	Ant1	94.67	0.24	2.16
NVNT	ac80	5290	Ant2	94.67	0.24	2.16
NVNT	ac80	5290	Ant3	94.88	0.23	2.16
NVNT	ac80	5290	Ant4	94.67	0.24	2.16
NVNT	ax20	5260	Ant1	98.22	0	0.67
NVNT	ax20	5260	Ant2	98.22	0	0.67
NVNT	ax20	5260	Ant3	98.22	0	0.67
NVNT	ax20	5260	Ant4	98.22	0	0.67
NVNT	ax20	5280	Ant1	98.22	0	0.67
NVNT	ax20	5280	Ant2	98.22	0	0.67
NVNT	ax20	5280	Ant3	98.28	0	0.67
NVNT	ax20	5280	Ant4	98.22	0	0.67
NVNT	ax20	5320	Ant1	98.22	0	0.67
NVNT	ax20	5320	Ant2	98.22	0	0.67
NVNT	ax20	5320	Ant3	98.22	0	0.67
NVNT	ax20	5320	Ant4	98.22	0	0.67
NVNT	ax40	5270	Ant1	96.91	0.14	1.28
NVNT	ax40	5270	Ant2	96.78	0.14	1.28
NVNT	ax40	5270	Ant3	96.78	0.14	1.28
NVNT	ax40	5270	Ant4	96.78	0.14	1.28
NVNT	ax40	5310	Ant1	96.79	0.14	1.28
NVNT	ax40	5310	Ant2	96.78	0.14	1.28
NVNT	ax40	5310	Ant3	96.91	0.14	1.28
NVNT	ax40	5310	Ant4	99.36	0	1.28
NVNT	ax80	5290	Ant1	94.33	0.25	2.4
NVNT	ax80	5290	Ant2	94.1	0.26	2.41
NVNT	ax80	5290	Ant3	94.1	0.26	2.41
NVNT	ax80	5290	Ant4	93.88	0.27	2.42

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	95.16	0.22	0.48
NVNT	a	5745	Ant2	95.16	0.22	0.48
NVNT	a	5745	Ant3	95.16	0.22	0.48
NVNT	a	5745	Ant4	95.16	0.22	0.48
NVNT	a	5785	Ant1	95.16	0.22	0.48
NVNT	a	5785	Ant2	95.16	0.22	0.48
NVNT	a	5785	Ant3	95.16	0.22	0.48
NVNT	a	5785	Ant4	95.12	0.22	0.48
NVNT	a	5825	Ant1	95.16	0.22	0.48
NVNT	a	5825	Ant2	95.16	0.22	0.48
NVNT	a	5825	Ant3	95.16	0.22	0.48
NVNT	a	5825	Ant4	95.16	0.22	0.48
NVNT	n20	5745	Ant1	95.15	0.22	0.52
NVNT	n20	5745	Ant2	95.2	0.21	0.52
NVNT	n20	5745	Ant3	95.2	0.21	0.52
NVNT	n20	5745	Ant4	95.2	0.21	0.52
NVNT	n20	5785	Ant1	95.2	0.21	0.52
NVNT	n20	5785	Ant2	95.15	0.22	0.52
NVNT	n20	5785	Ant3	95.2	0.21	0.52
NVNT	n20	5785	Ant4	95.2	0.21	0.52
NVNT	n20	5825	Ant1	95.16	0.22	0.52
NVNT	n20	5825	Ant2	95.2	0.21	0.52
NVNT	n20	5825	Ant3	95.2	0.21	0.52
NVNT	n20	5825	Ant4	95.2	0.21	0.52
NVNT	n40	5755	Ant1	90.84	0.42	1.05
NVNT	n40	5755	Ant2	90.8	0.42	1.05
NVNT	n40	5755	Ant3	90.48	0.43	1.05
NVNT	n40	5755	Ant4	90.91	0.41	1.05
NVNT	n40	5795	Ant1	90.84	0.42	1.05
NVNT	n40	5795	Ant2	90.84	0.42	1.05
NVNT	n40	5795	Ant3	95.48	0.2	1.05
NVNT	n40	5795	Ant4	90.91	0.41	1.05
NVNT	ac20	5745	Ant1	98.57	0	0.52
NVNT	ac20	5745	Ant2	98.62	0	0.52
NVNT	ac20	5745	Ant3	98.62	0	0.52
NVNT	ac20	5745	Ant4	98.62	0	0.52
NVNT	ac20	5785	Ant1	98.62	0	0.52
NVNT	ac20	5785	Ant2	98.57	0	0.52
NVNT	ac20	5785	Ant3	98.62	0	0.52

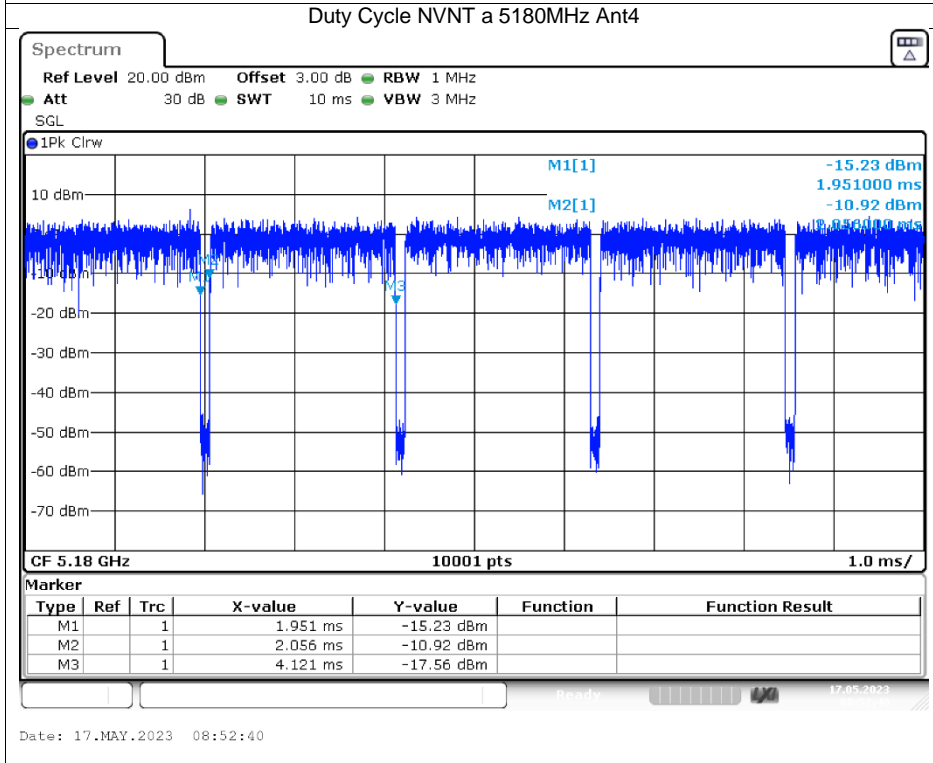
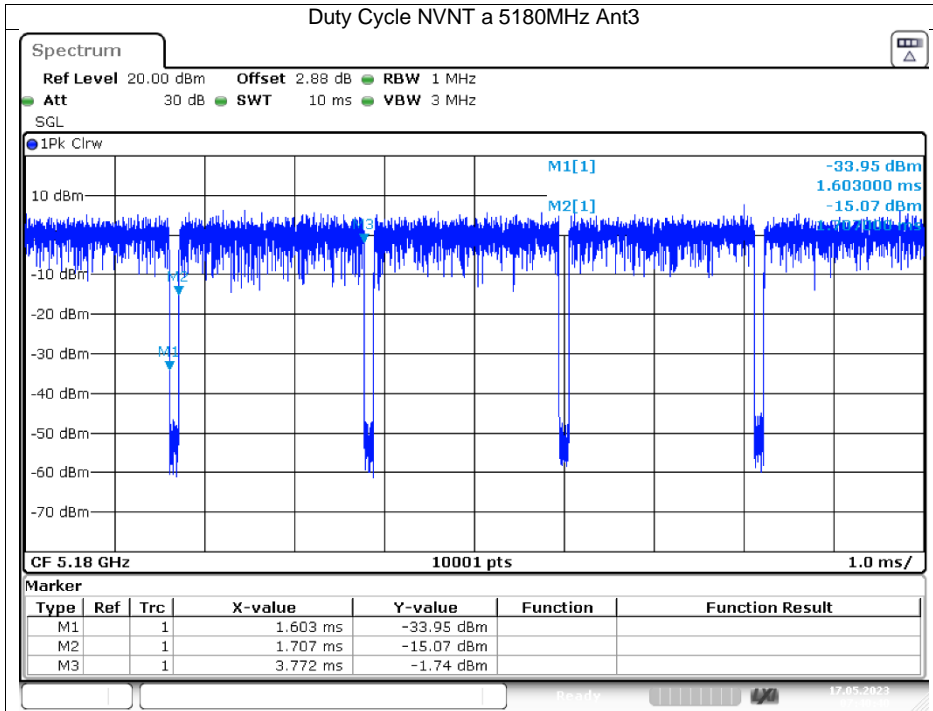
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NVNT	ac20	5825	Ant2	98.62	0	0.52
NVNT	ac20	5825	Ant3	98.62	0	0.52
NVNT	ac20	5825	Ant4	98.62	0	0.52
NVNT	ac40	5755	Ant1	97.14	0.13	1.05
NVNT	ac40	5755	Ant2	91.83	0.37	1.05
NVNT	ac40	5755	Ant3	97.35	0.12	1.05
NVNT	ac40	5755	Ant4	97.45	0.11	1.05
NVNT	ac40	5795	Ant1	97.55	0.11	1.05
NVNT	ac40	5795	Ant2	90.84	0.42	1.05
NVNT	ac40	5795	Ant3	97.45	0.11	1.05
NVNT	ac40	5795	Ant4	97.45	0.11	1.05
NVNT	ac80	5775	Ant1	94.26	0.26	2.17
NVNT	ac80	5775	Ant2	94.26	0.26	2.17
NVNT	ac80	5775	Ant3	94.88	0.23	2.16
NVNT	ac80	5775	Ant4	94.85	0.23	2.17
NVNT	ax20	5745	Ant1	98.22	0	0.67
NVNT	ax20	5745	Ant2	98.22	0	0.67
NVNT	ax20	5745	Ant3	98.15	0	0.67
NVNT	ax20	5745	Ant4	98.15	0	0.67
NVNT	ax20	5785	Ant1	98.22	0	0.67
NVNT	ax20	5785	Ant2	98.22	0	0.67
NVNT	ax20	5785	Ant3	98.22	0	0.67
NVNT	ax20	5785	Ant4	98.15	0	0.67
NVNT	ax20	5825	Ant1	98.22	0	0.67
NVNT	ax20	5825	Ant2	98.22	0	0.67
NVNT	ax20	5825	Ant3	98.22	0	0.67
NVNT	ax20	5825	Ant4	98.15	0	0.67
NVNT	ax40	5755	Ant1	96.53	0.15	1.28
NVNT	ax40	5755	Ant2	97.03	0.13	1.28
NVNT	ax40	5755	Ant3	96.91	0.14	1.27
NVNT	ax40	5755	Ant4	96.89	0.14	1.28
NVNT	ax40	5795	Ant1	97.03	0.13	1.28
NVNT	ax40	5795	Ant2	97.03	0.13	1.28
NVNT	ax40	5795	Ant3	96.89	0.14	1.28
NVNT	ax40	5795	Ant4	96.3	0.16	1.28
NVNT	ax80	5775	Ant1	95.41	0.2	2.4
NVNT	ax80	5775	Ant2	94.59	0.24	2.38
NVNT	ax80	5775	Ant3	94.1	0.26	2.41
NVNT	ax80	5775	Ant4	94.5	0.25	2.43

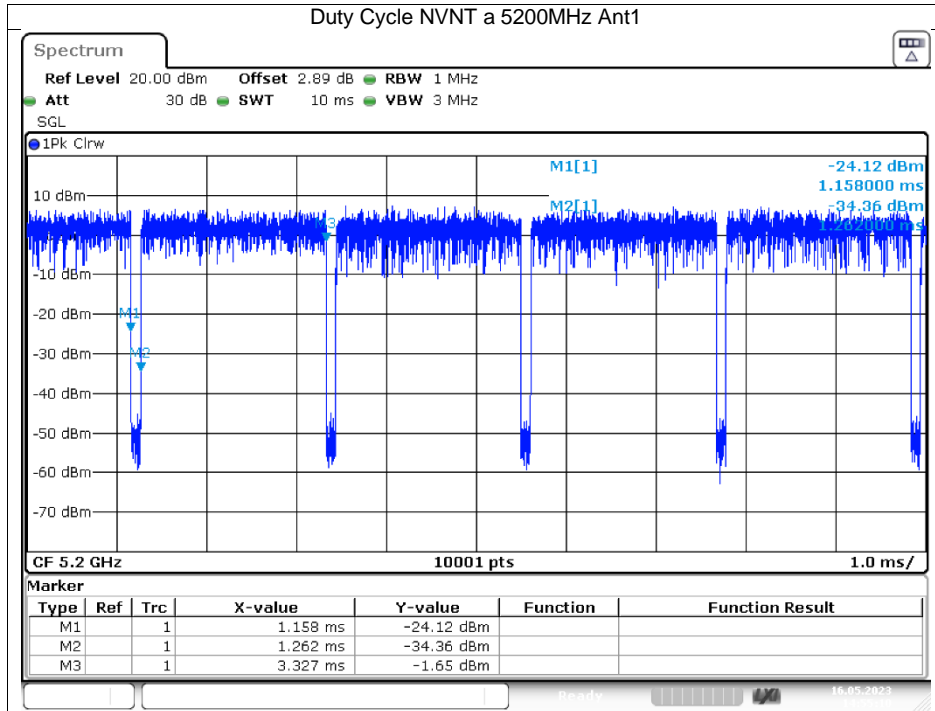


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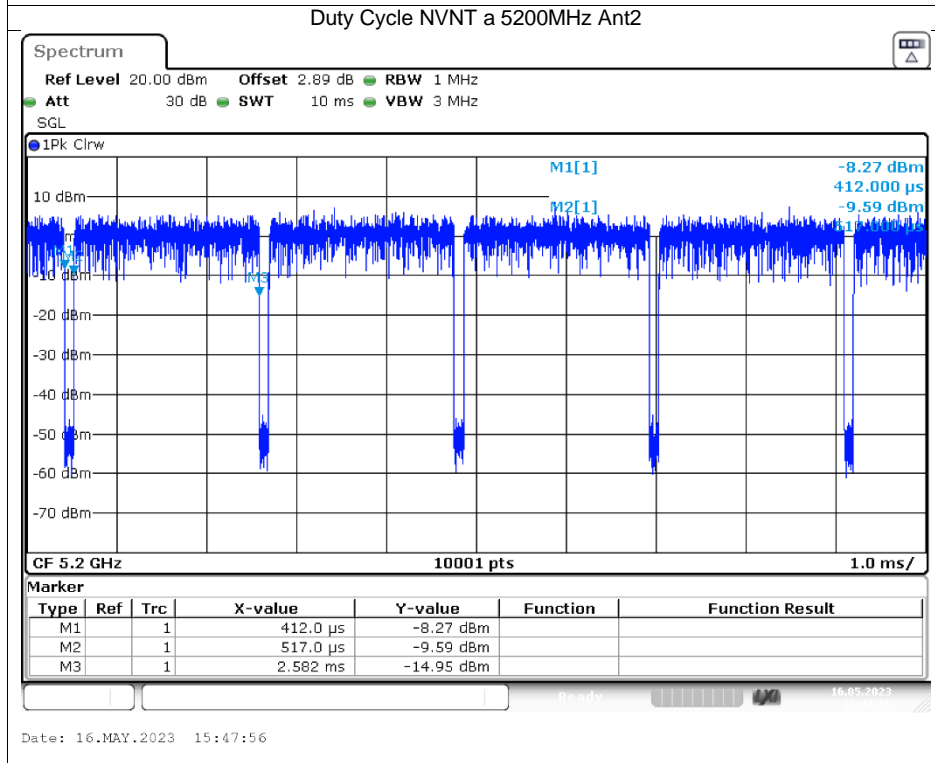


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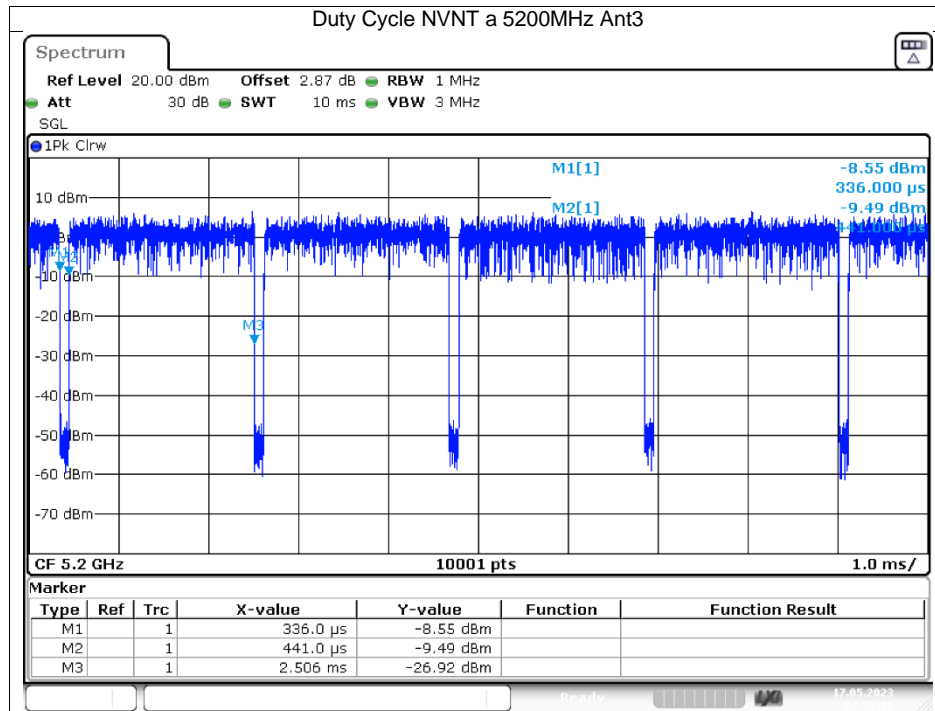




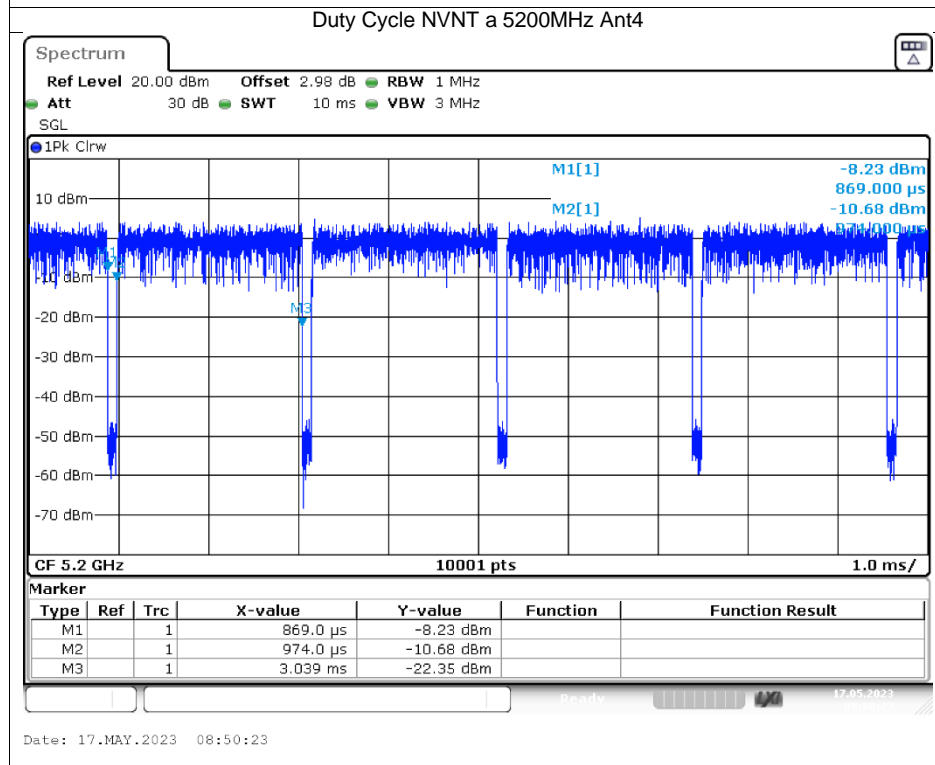
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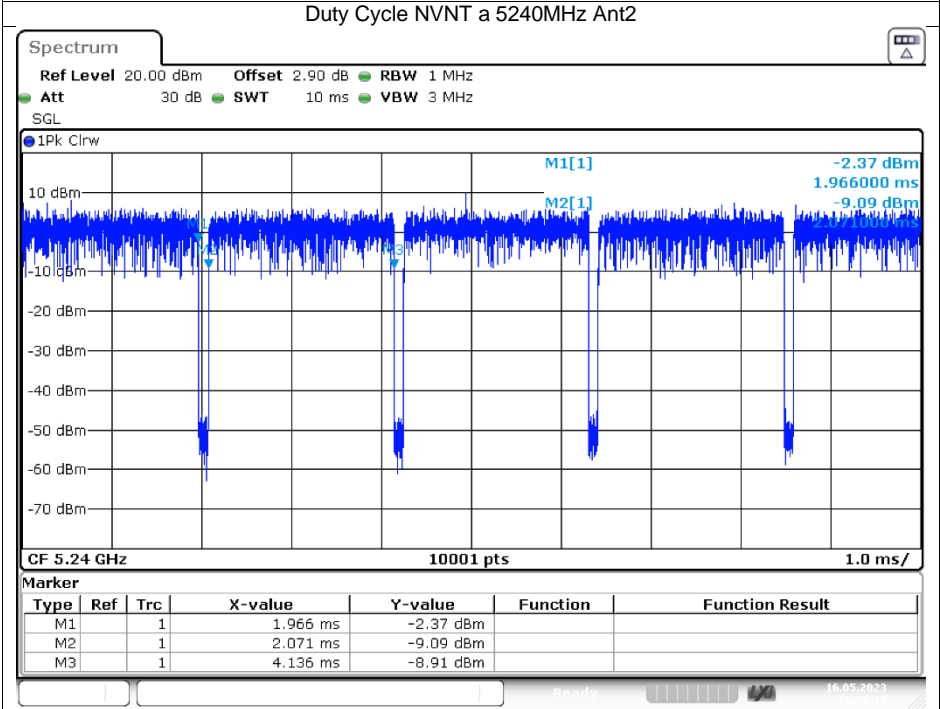
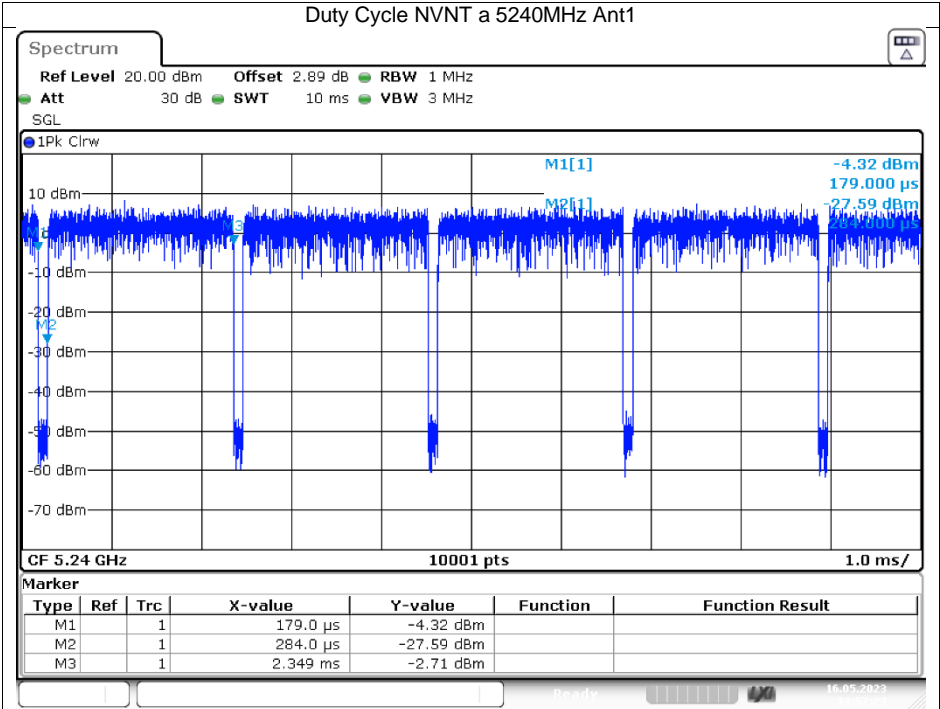
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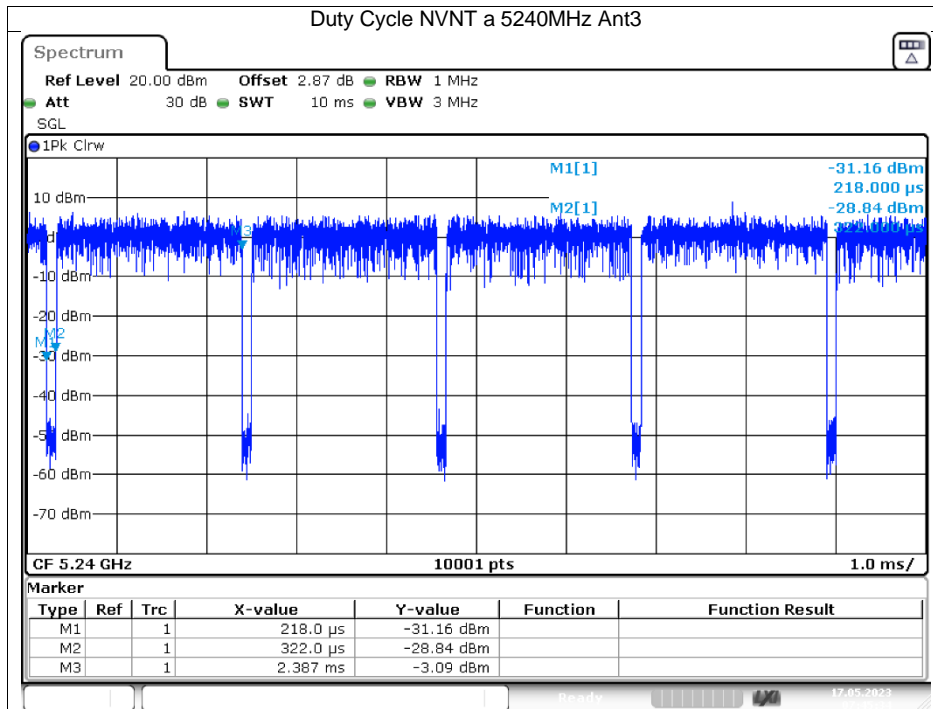


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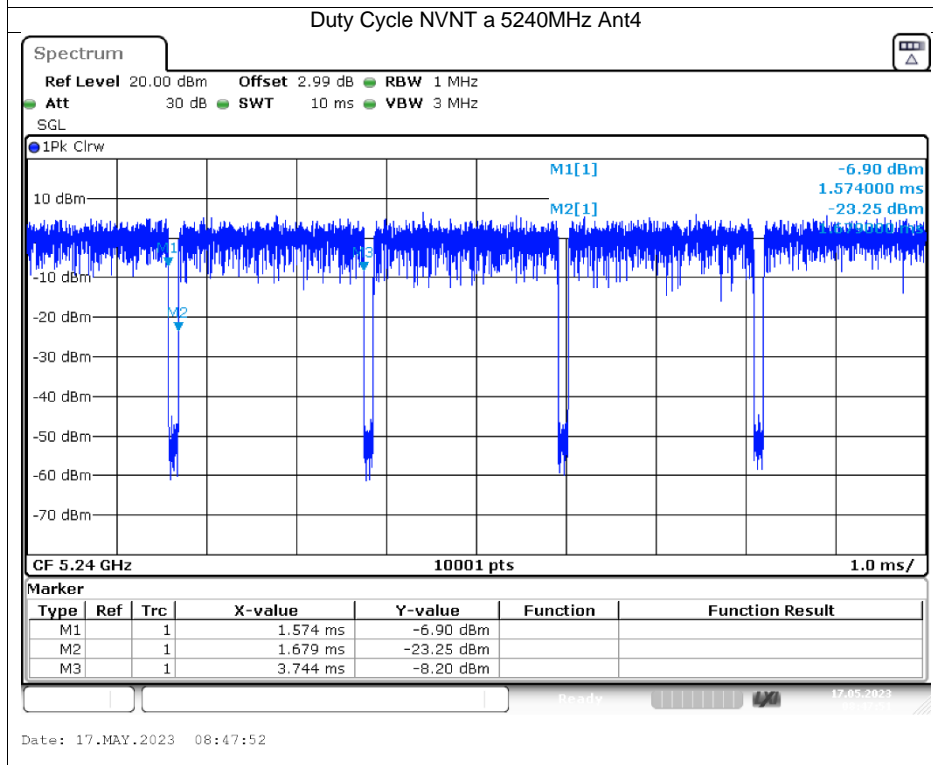


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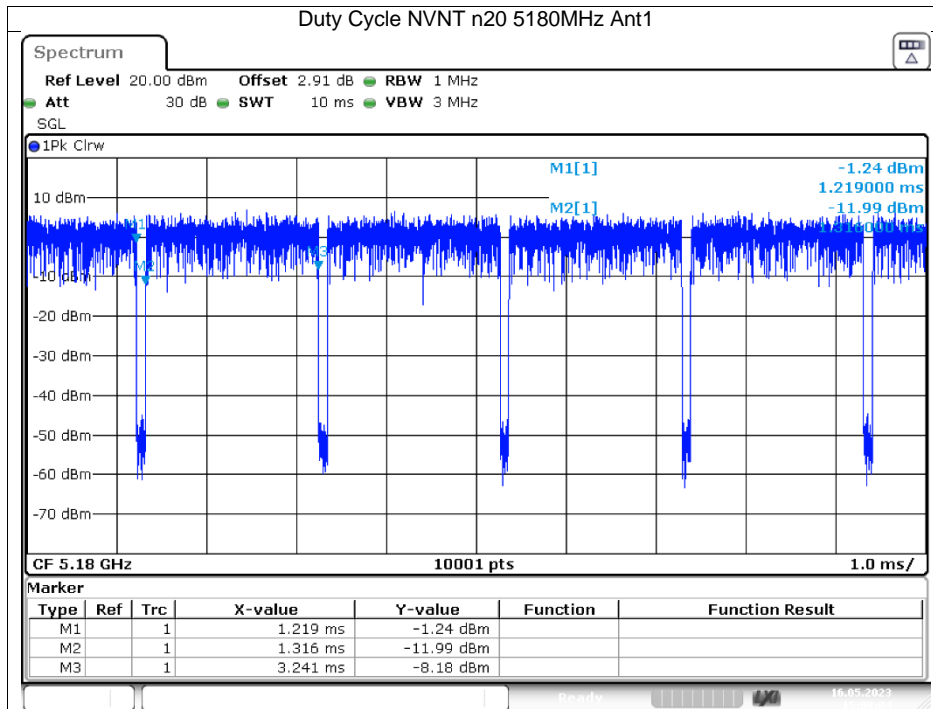




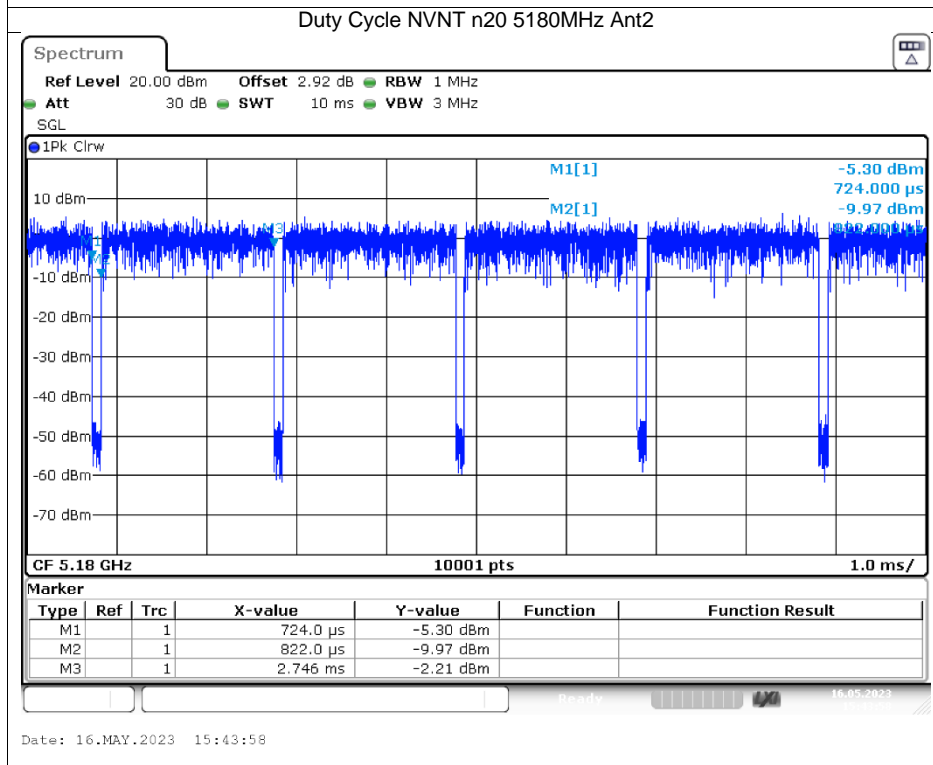
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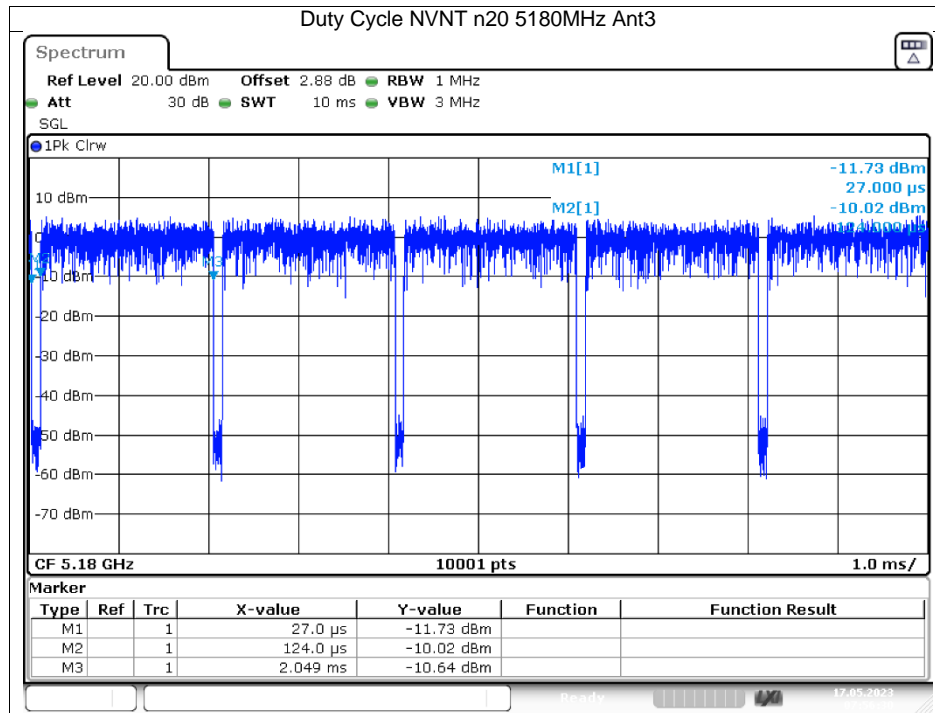
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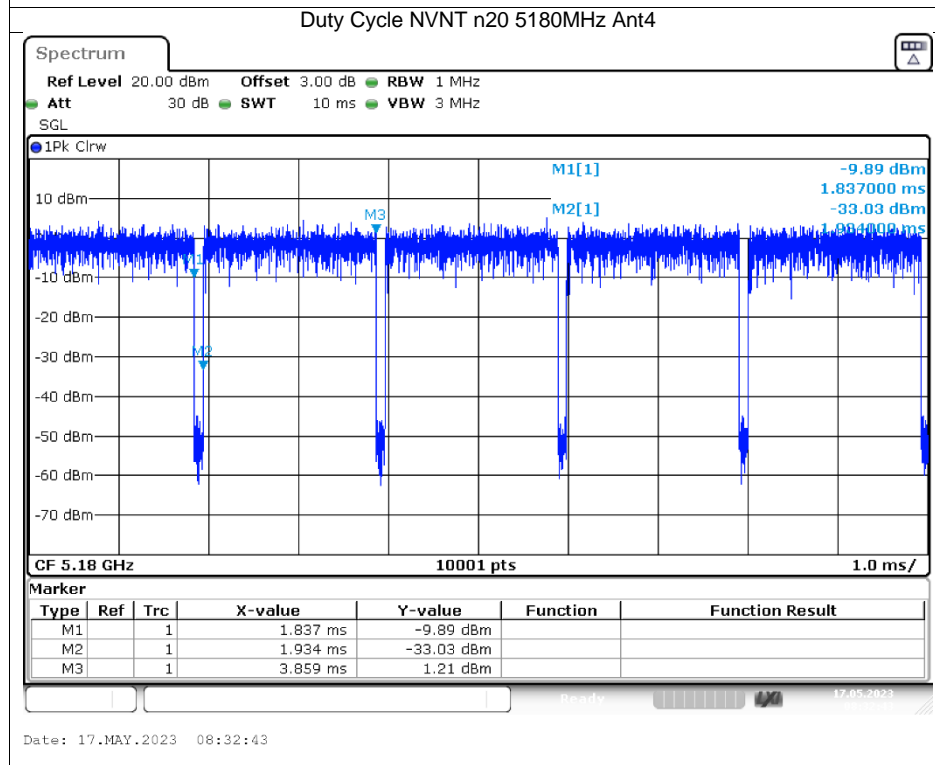
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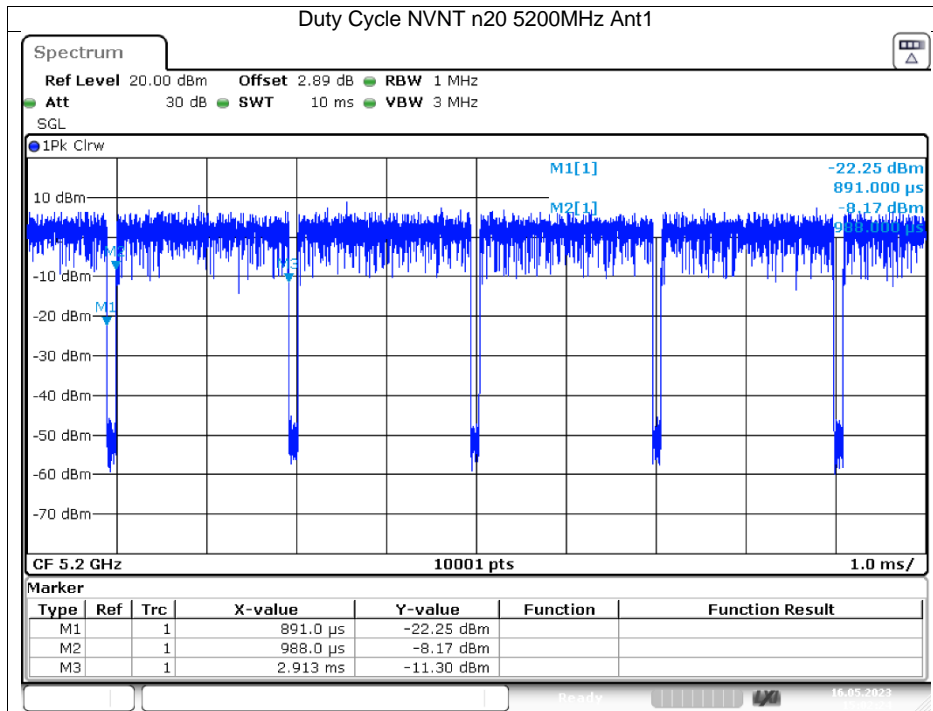
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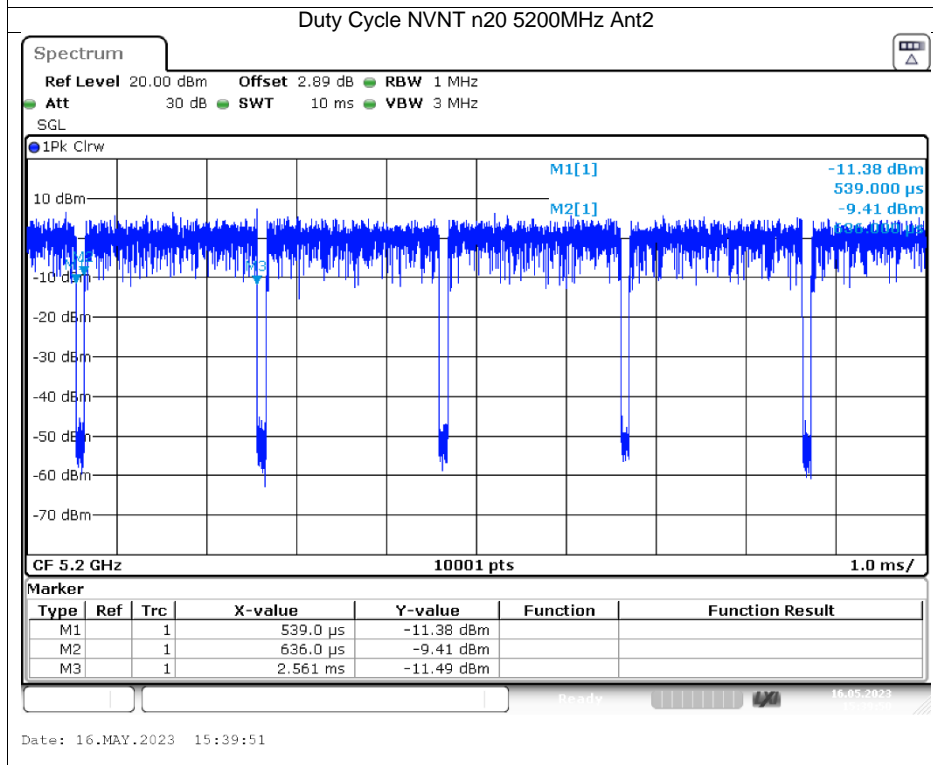
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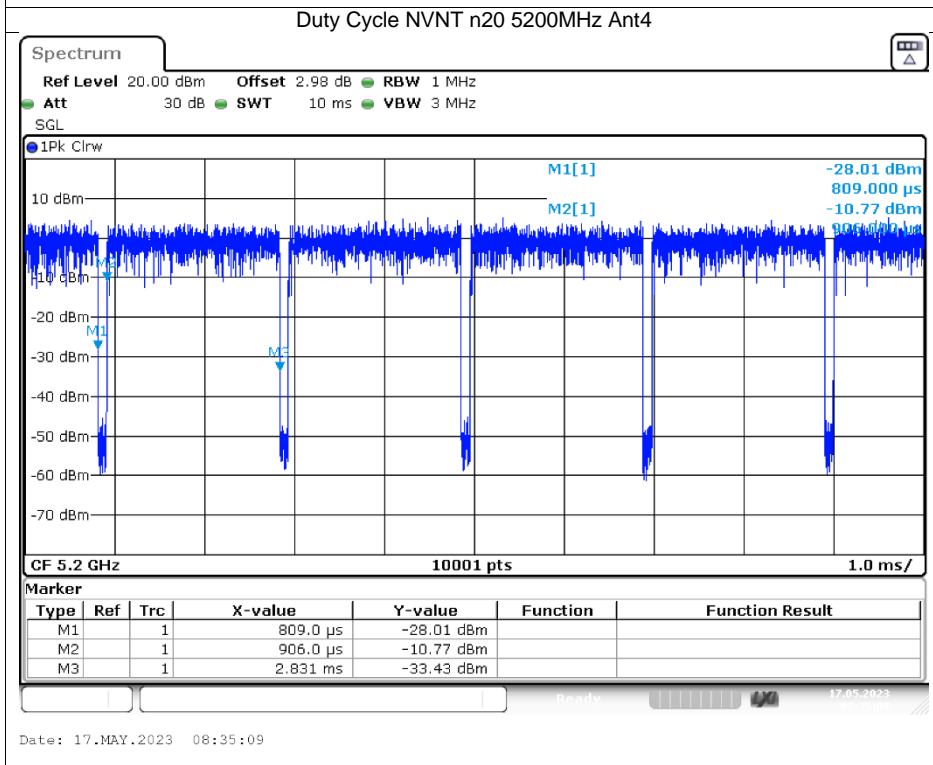
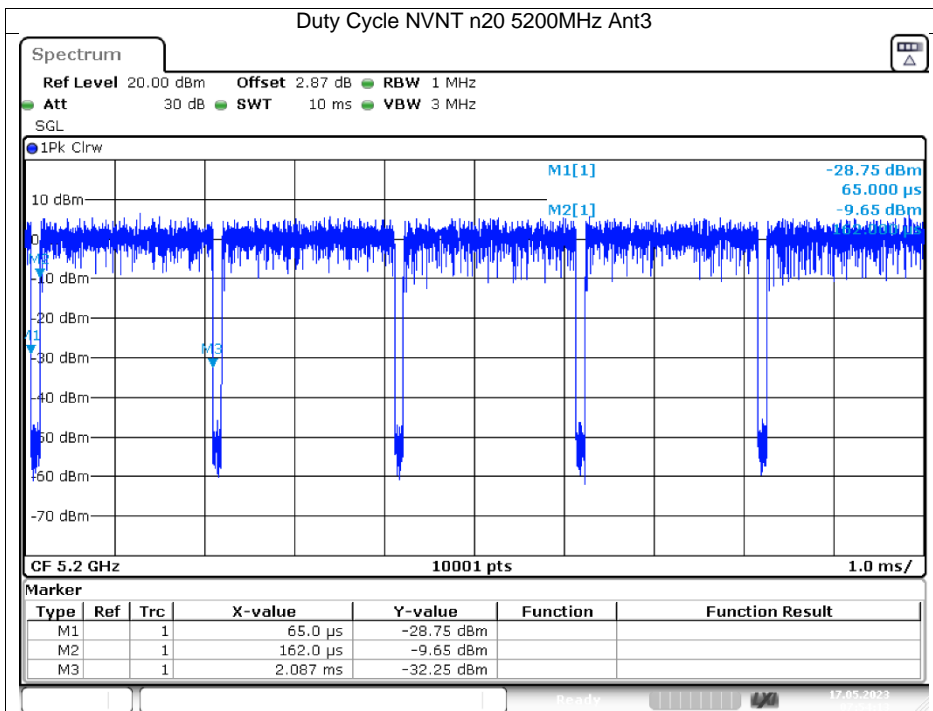
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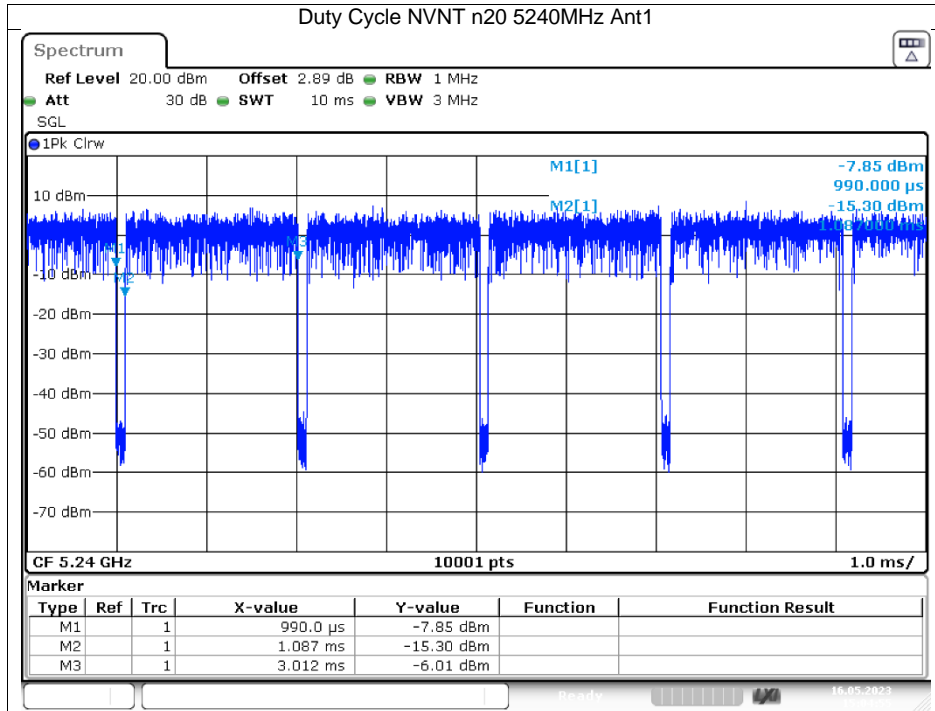


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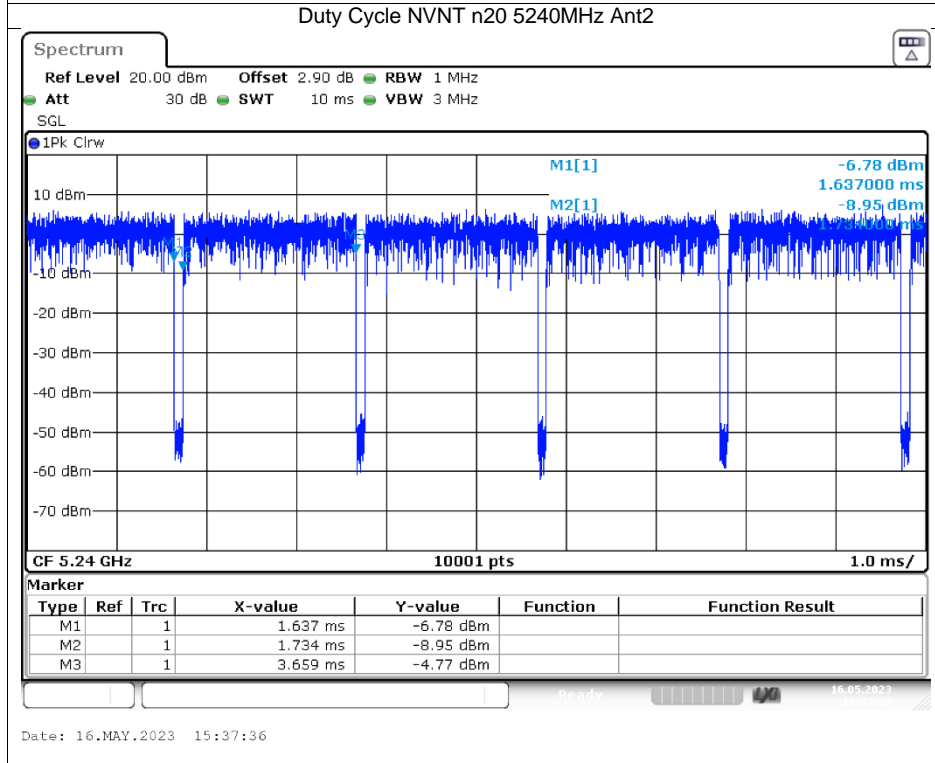


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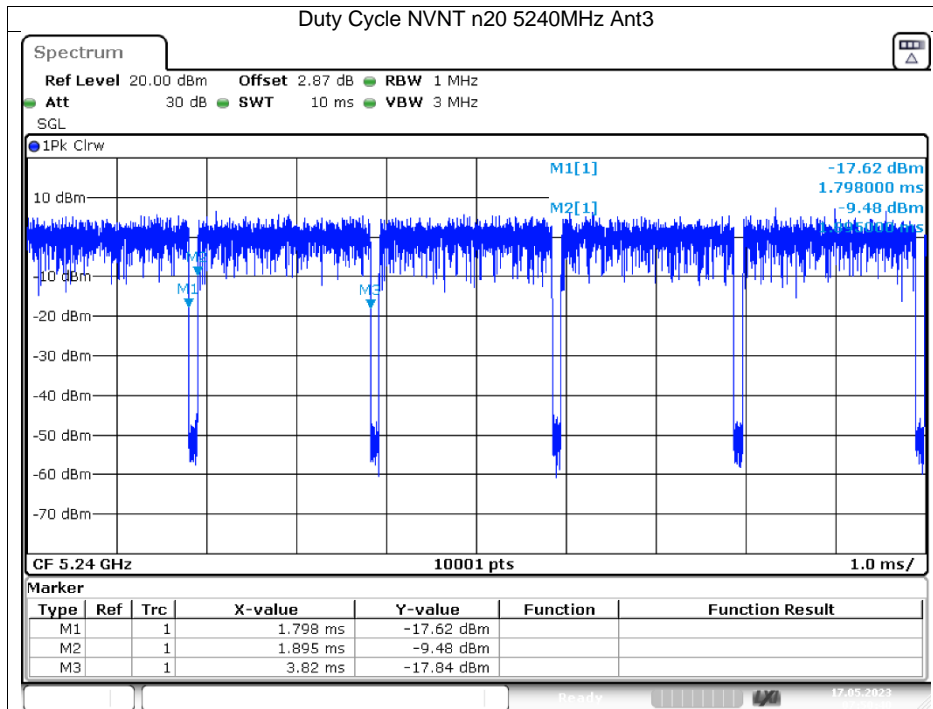




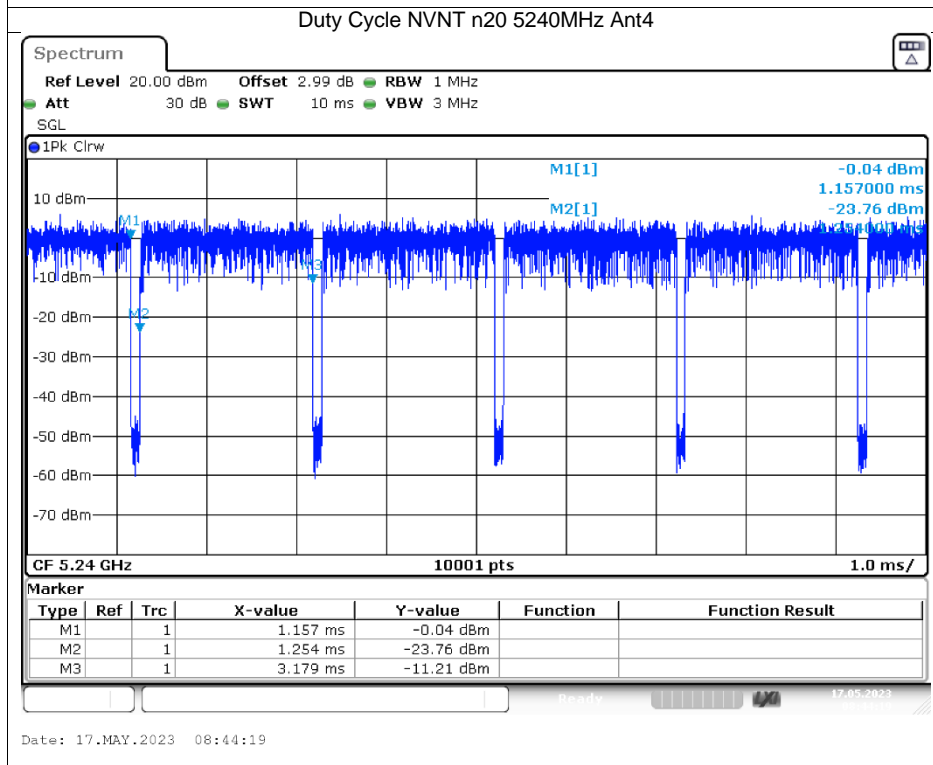
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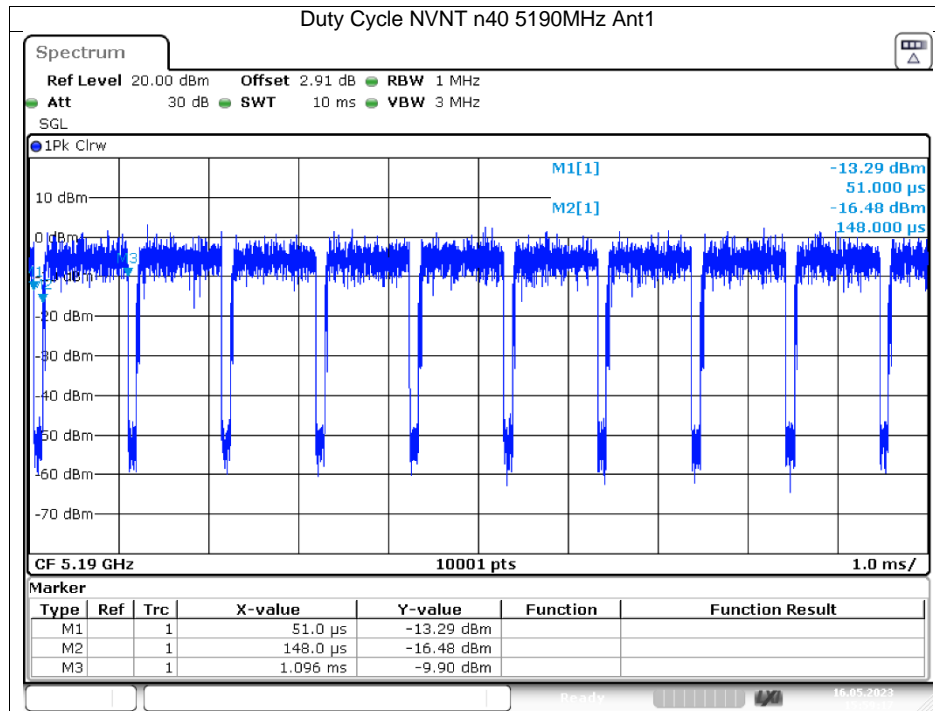
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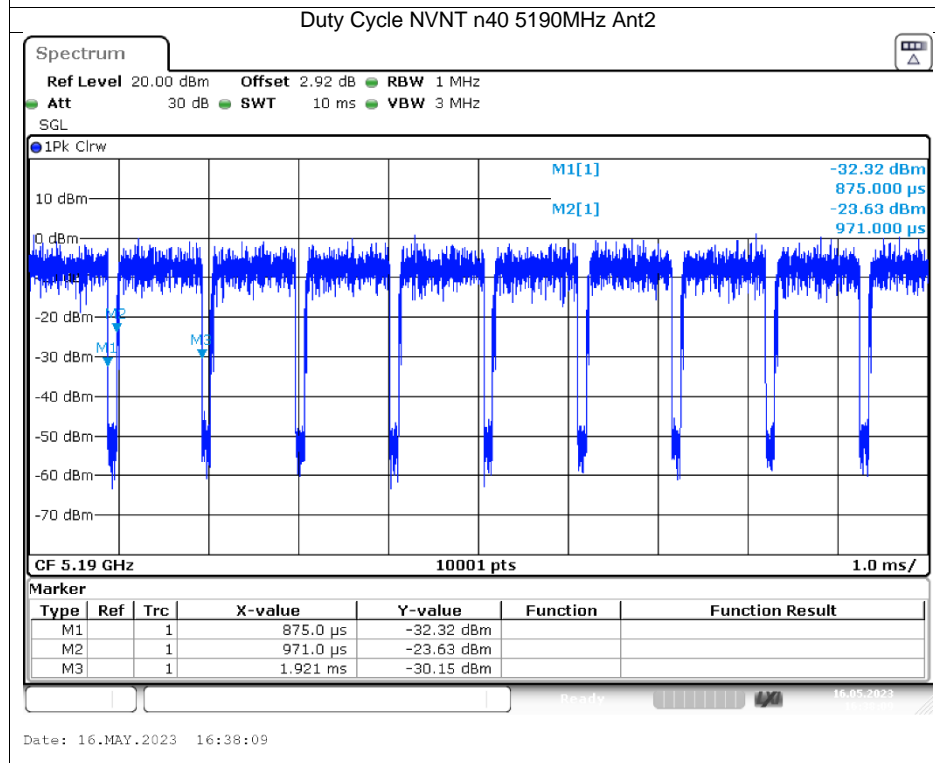
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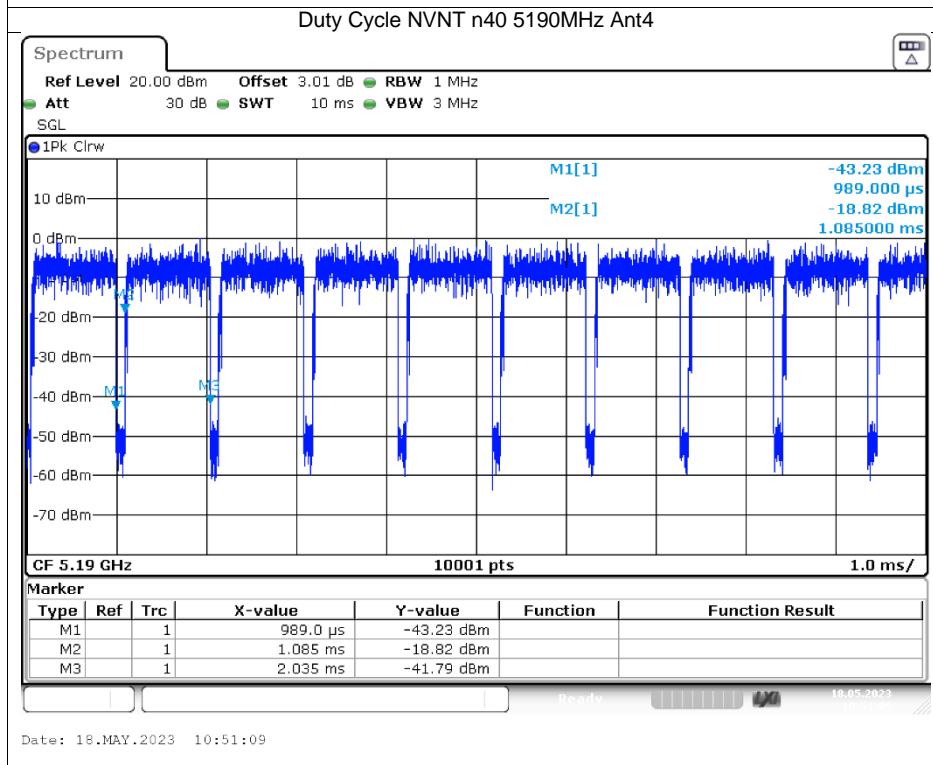
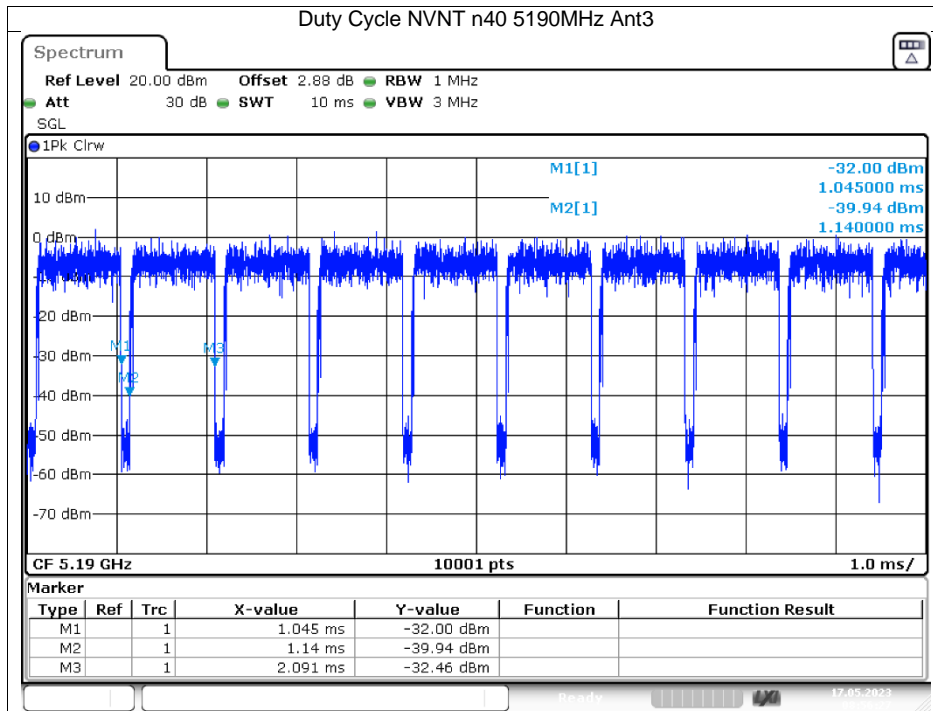
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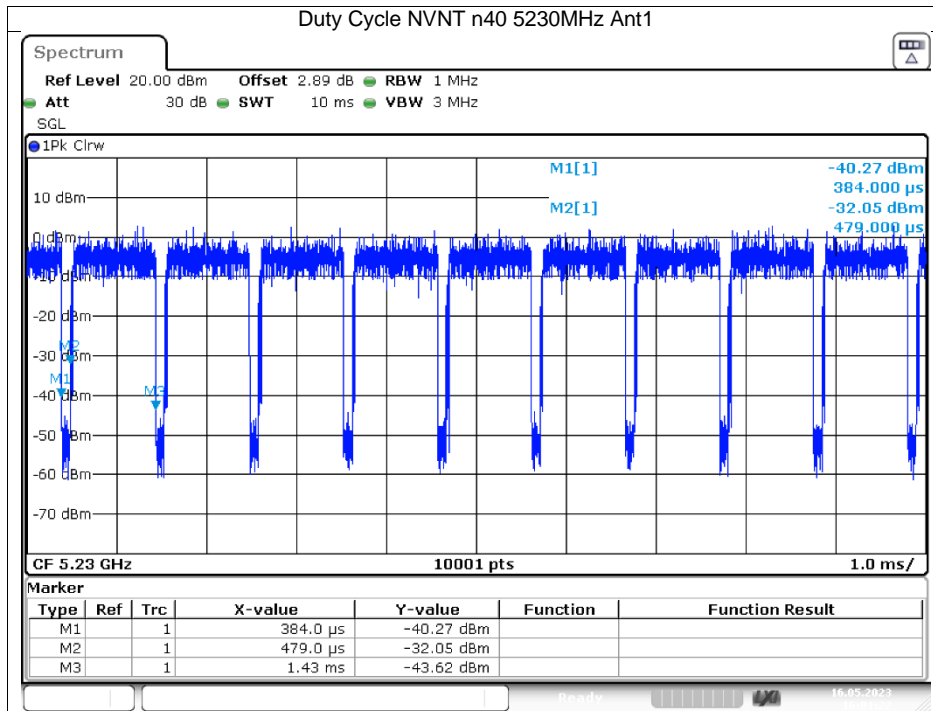


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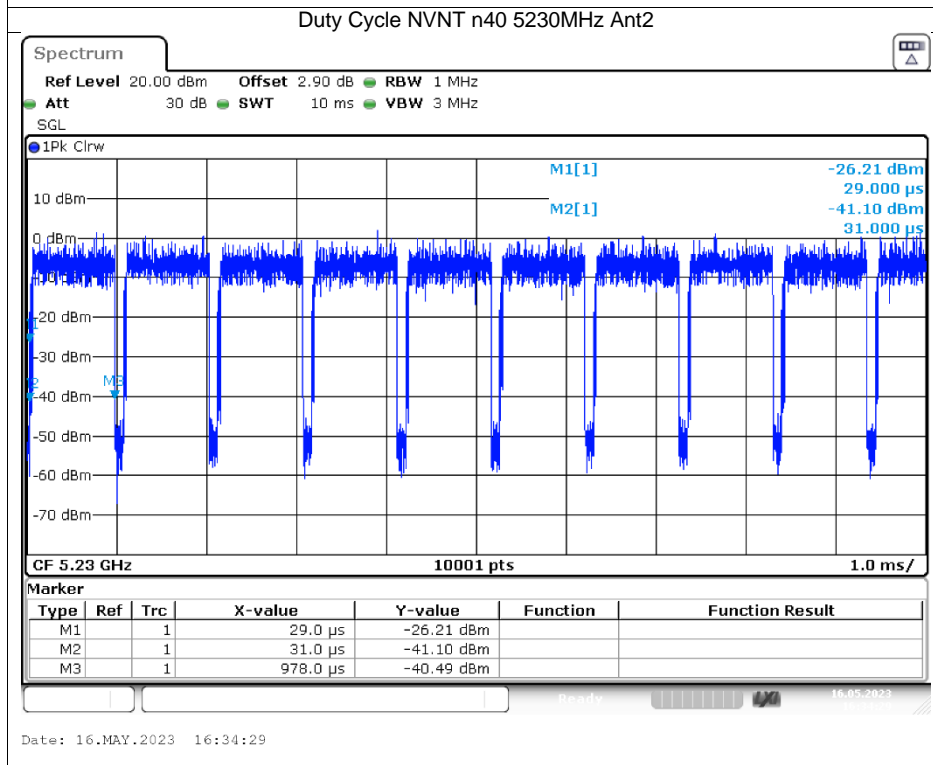


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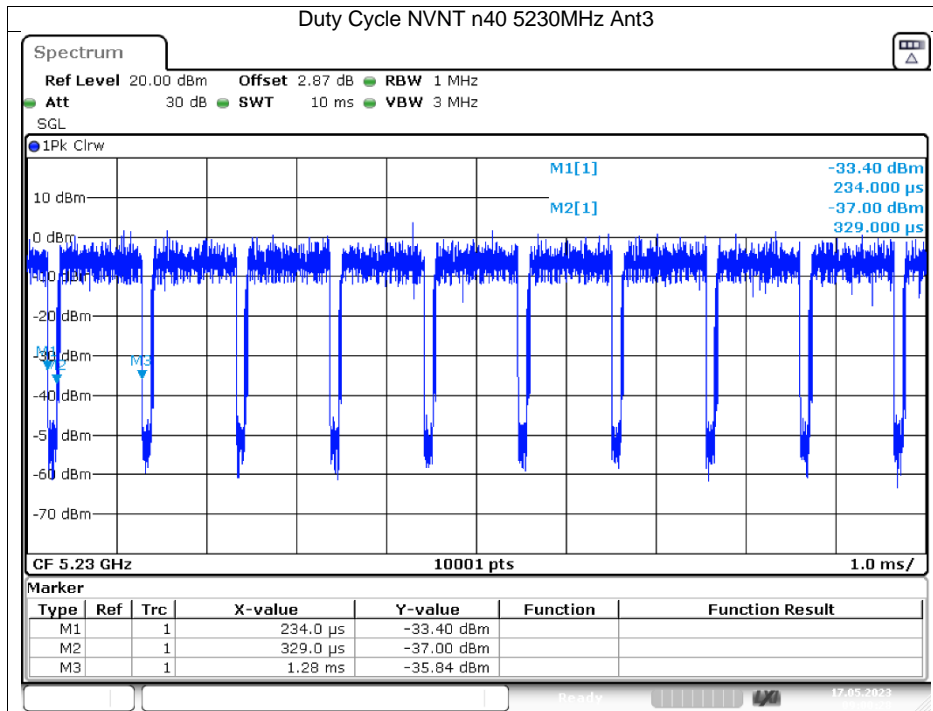




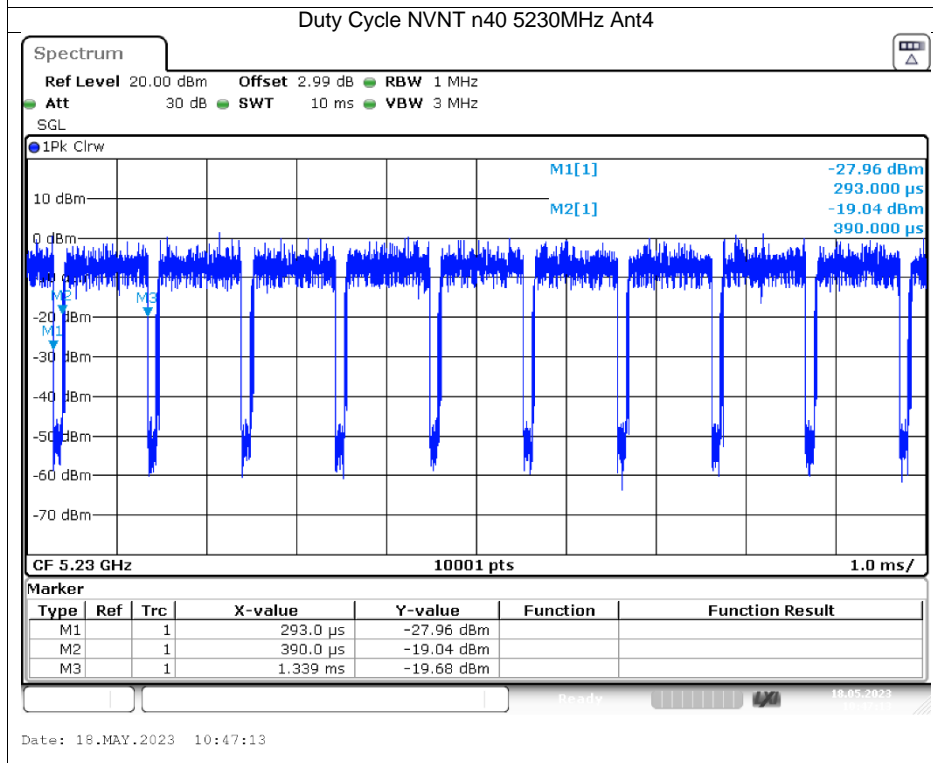
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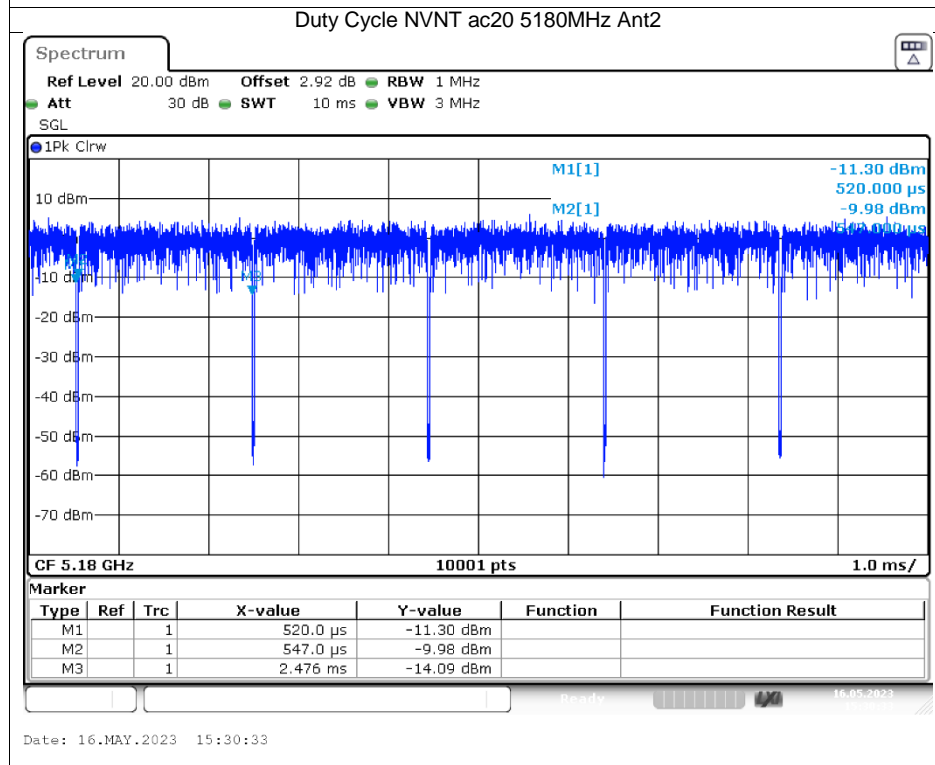
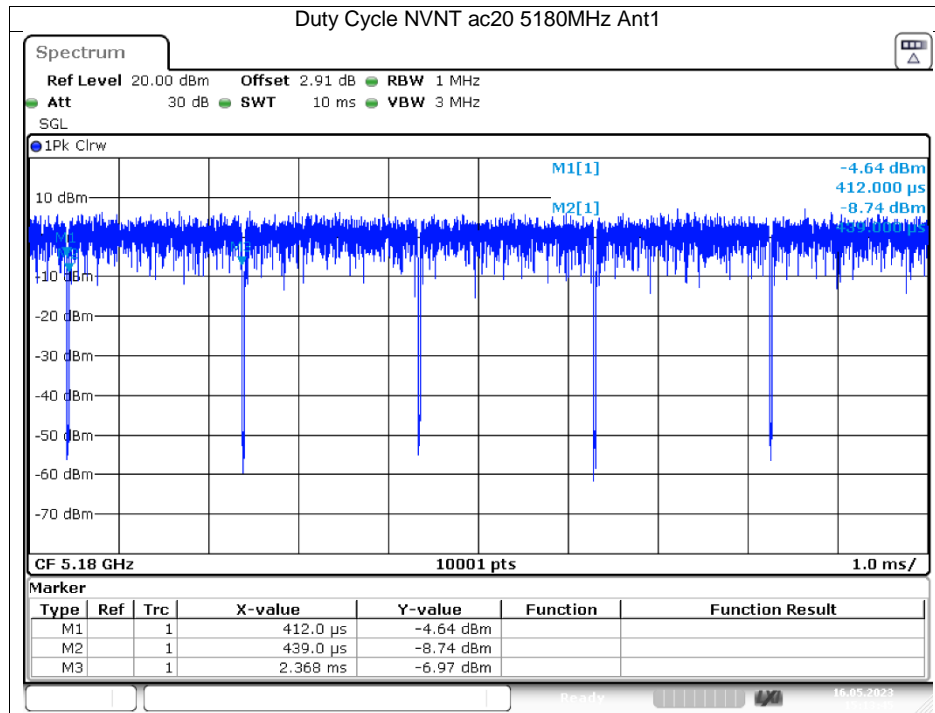
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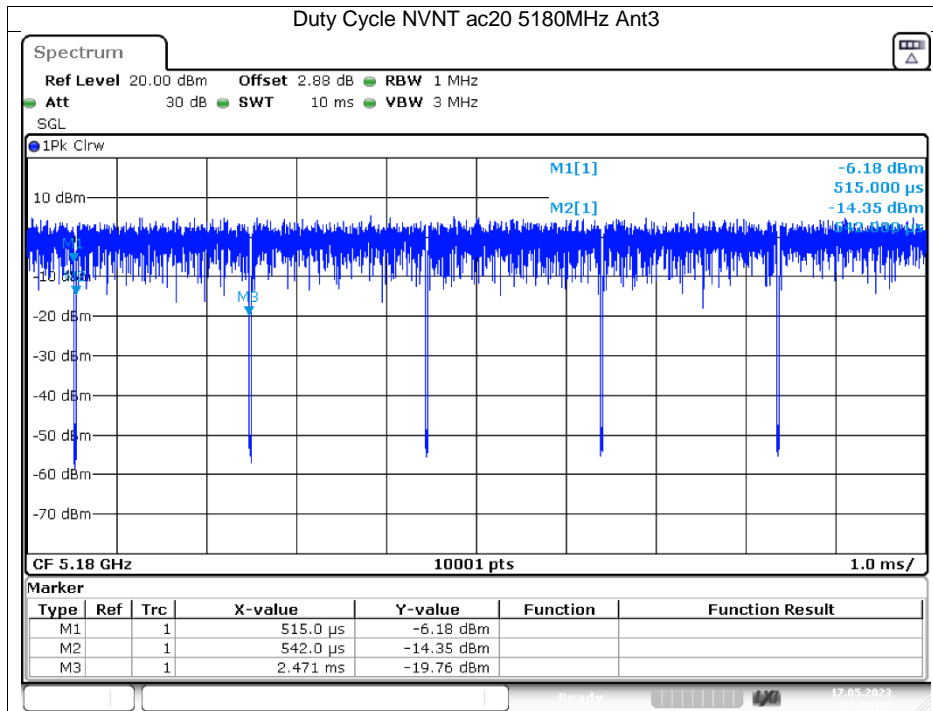


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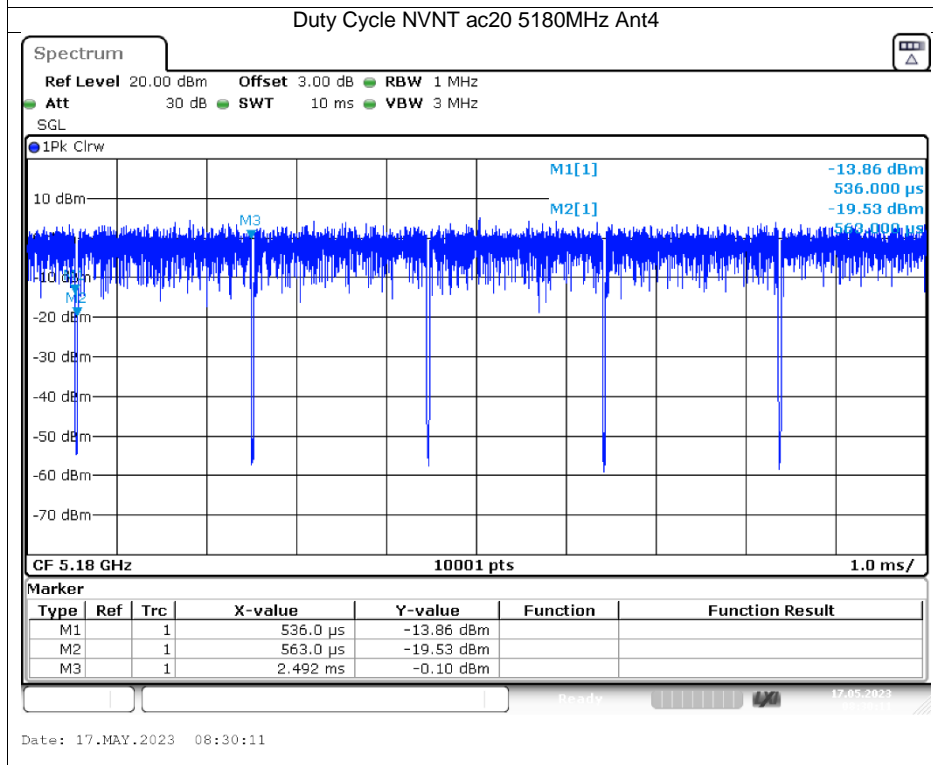


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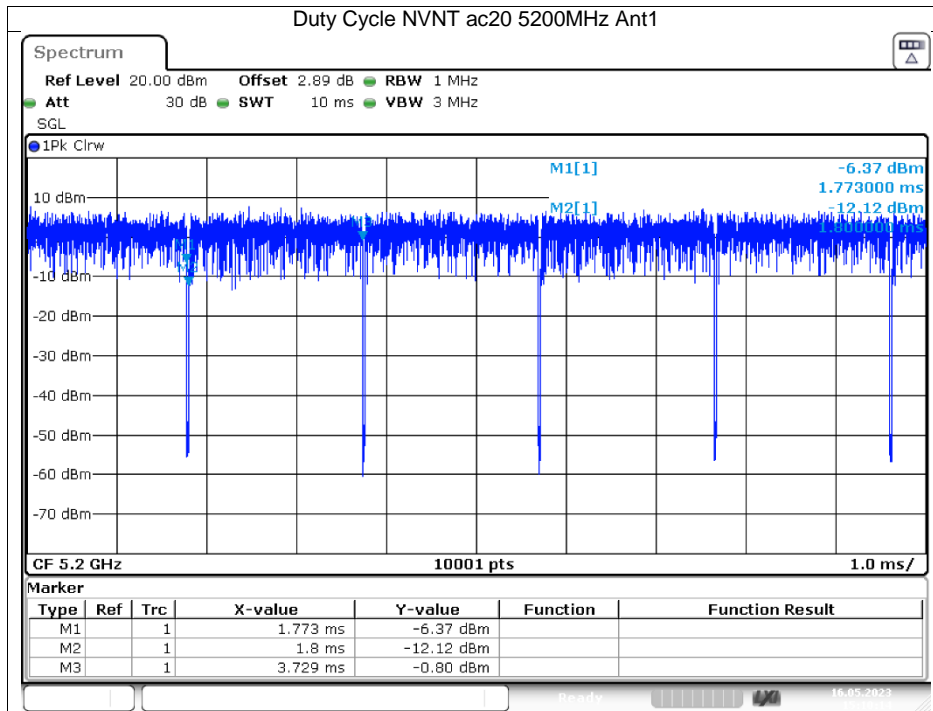




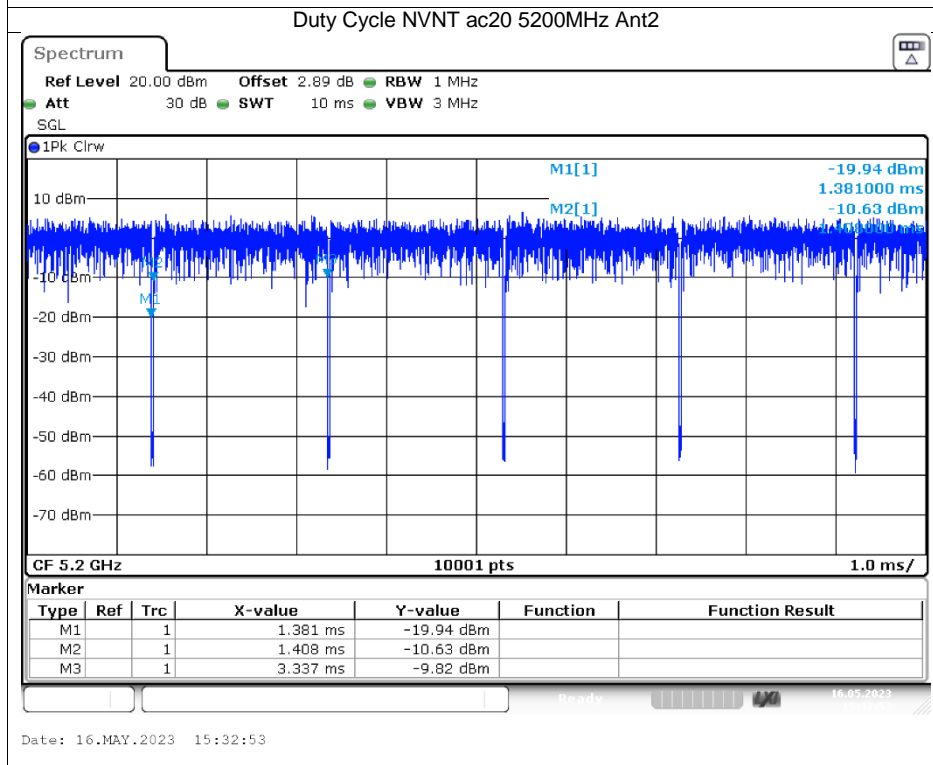
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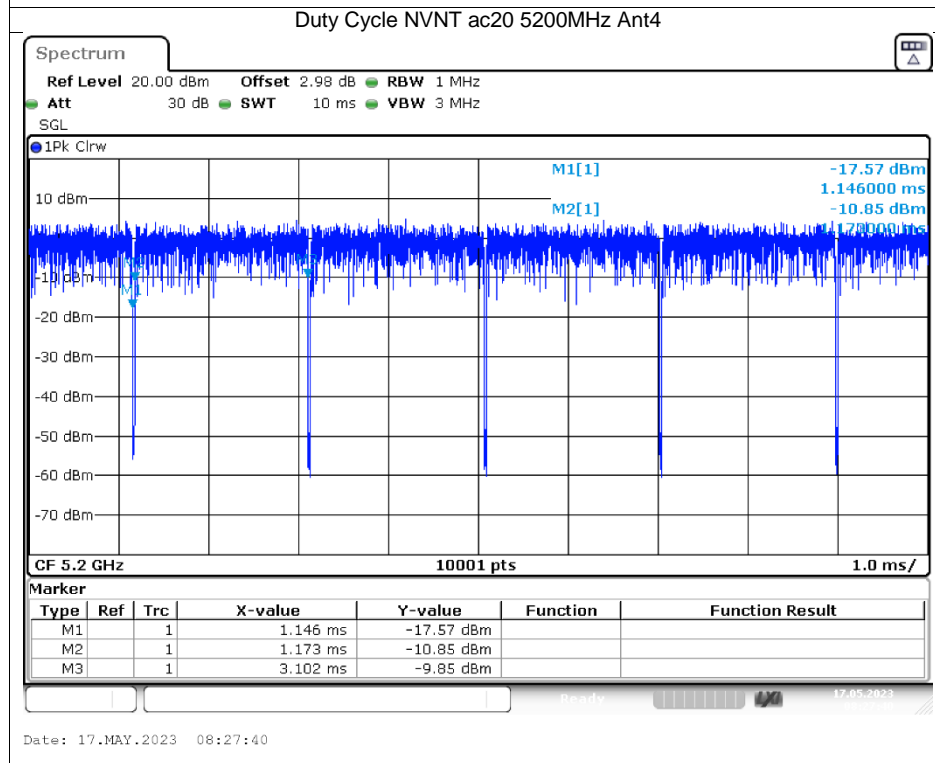
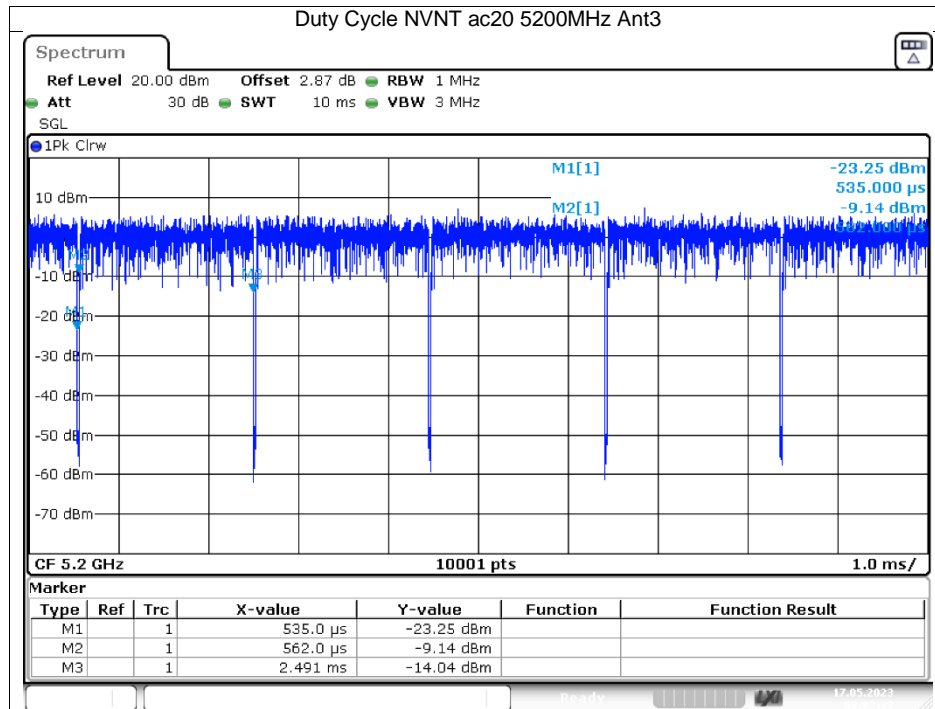
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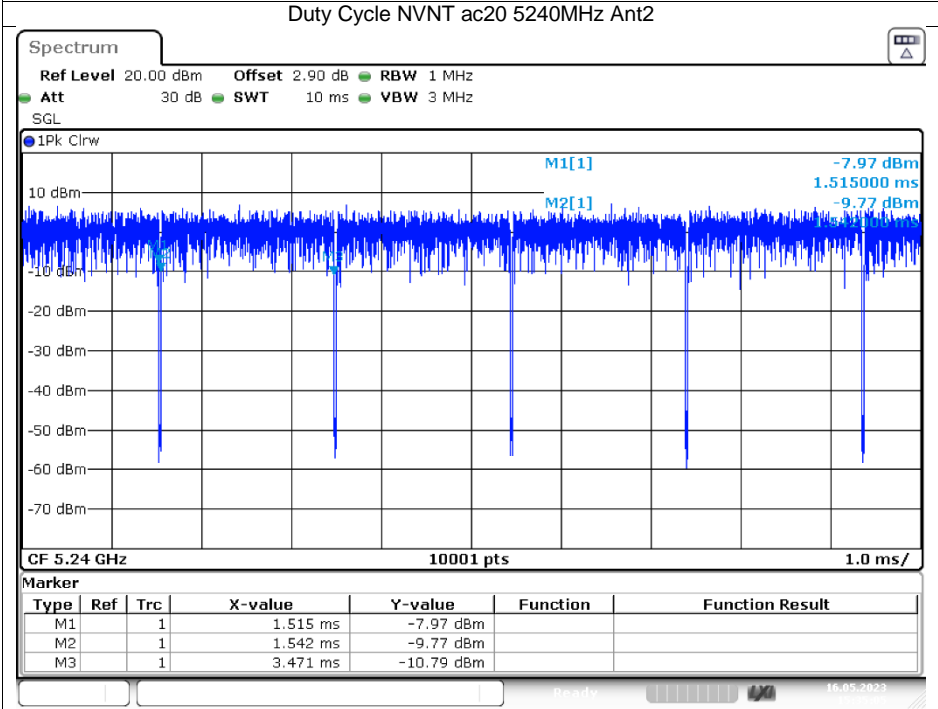
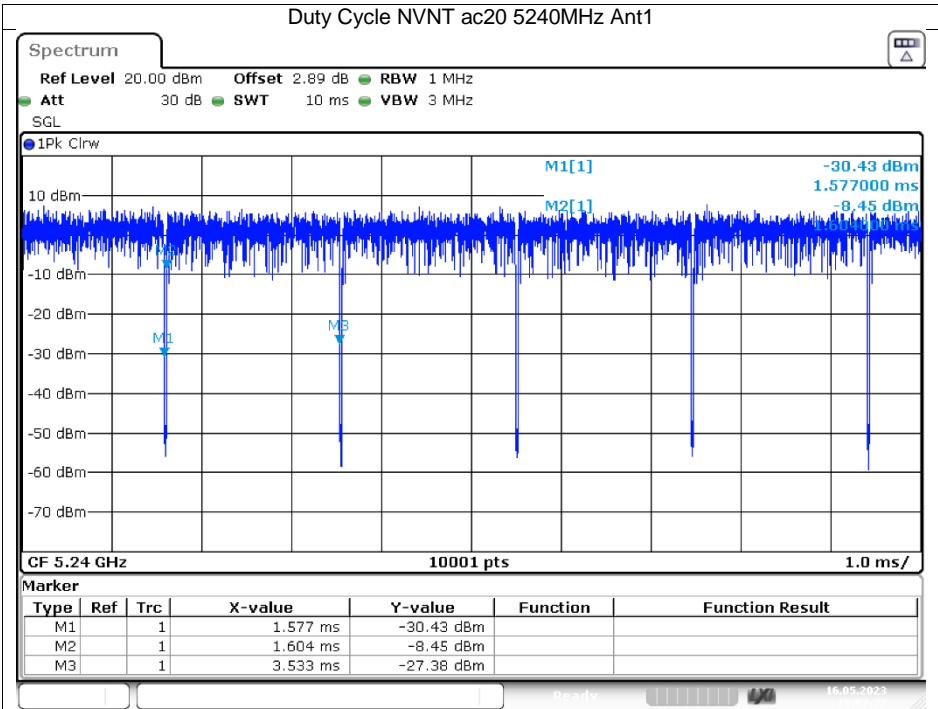


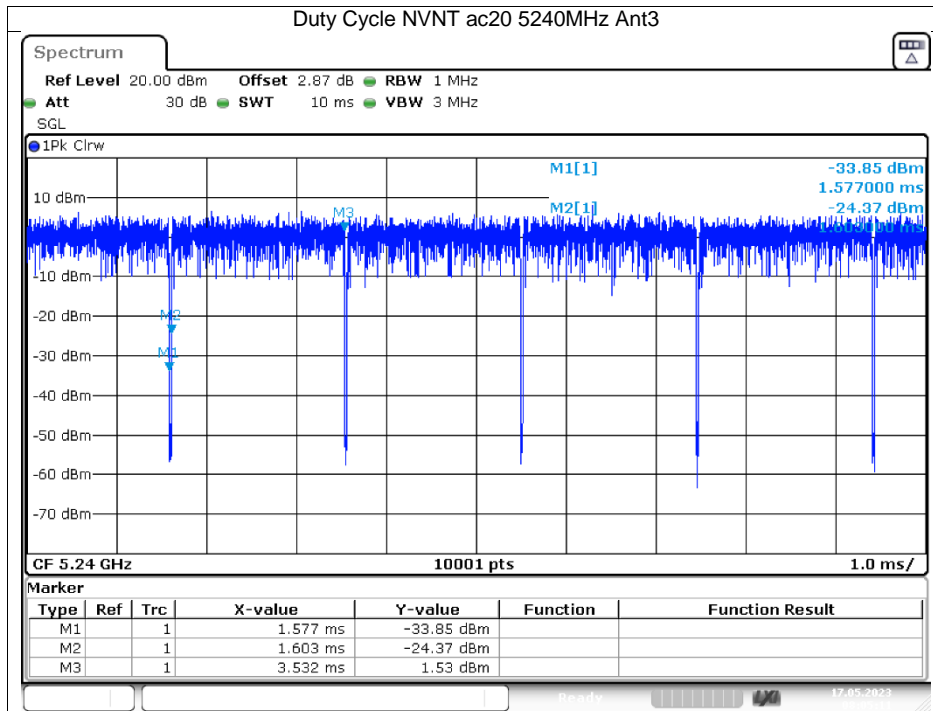
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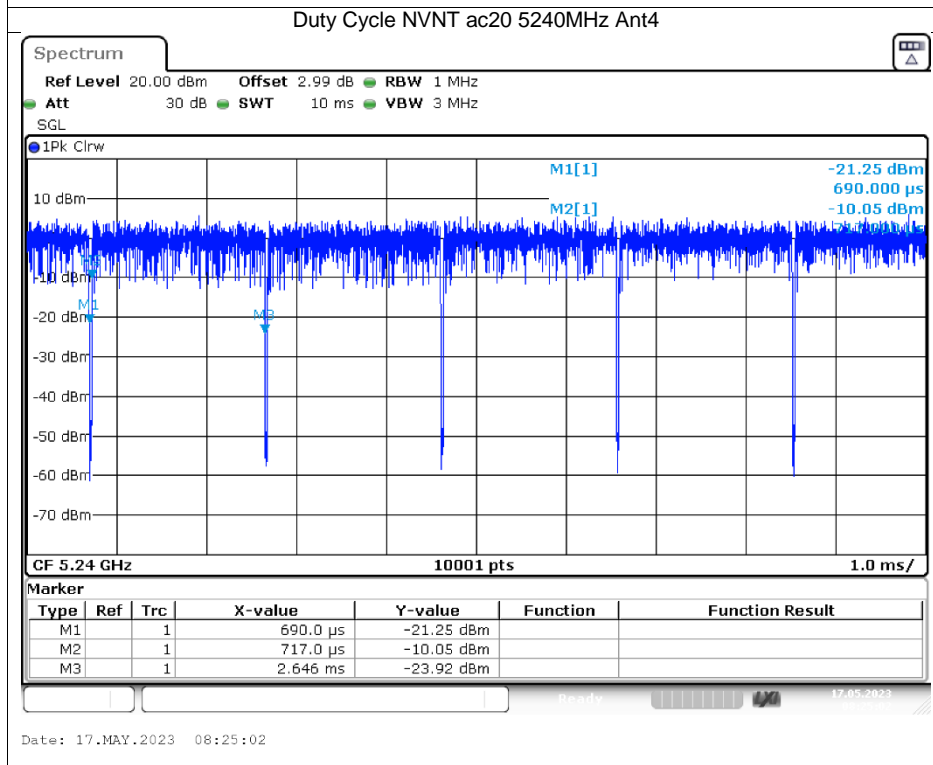
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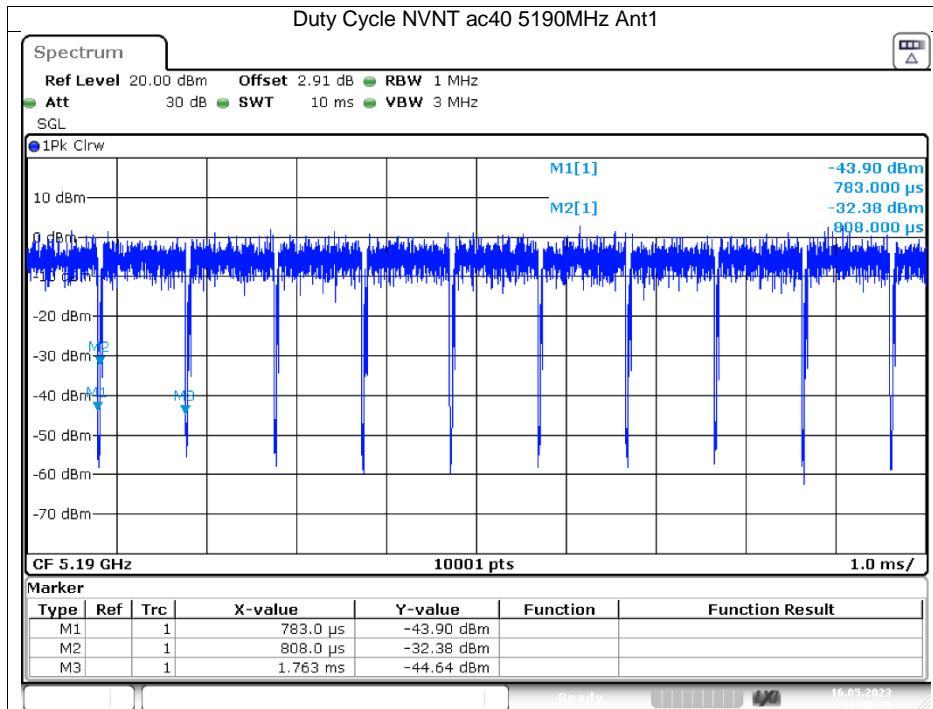




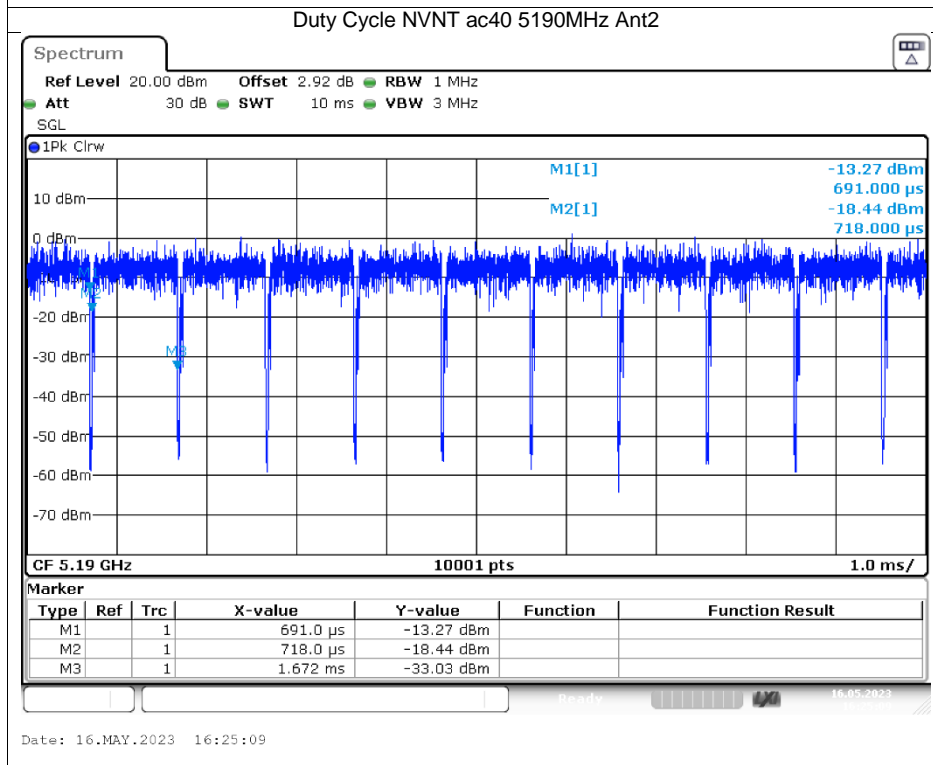
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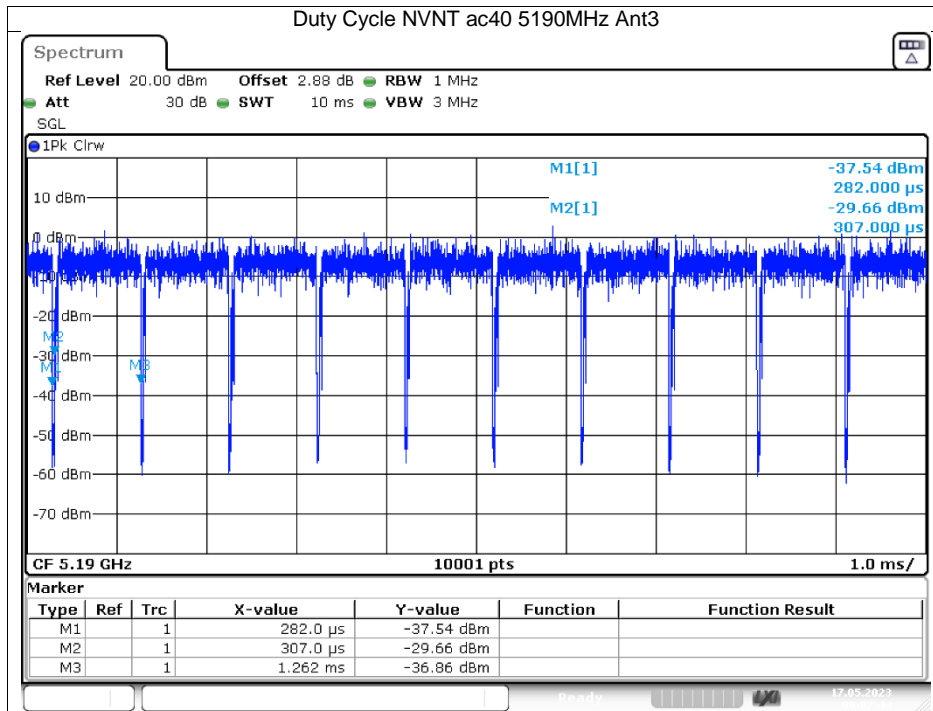
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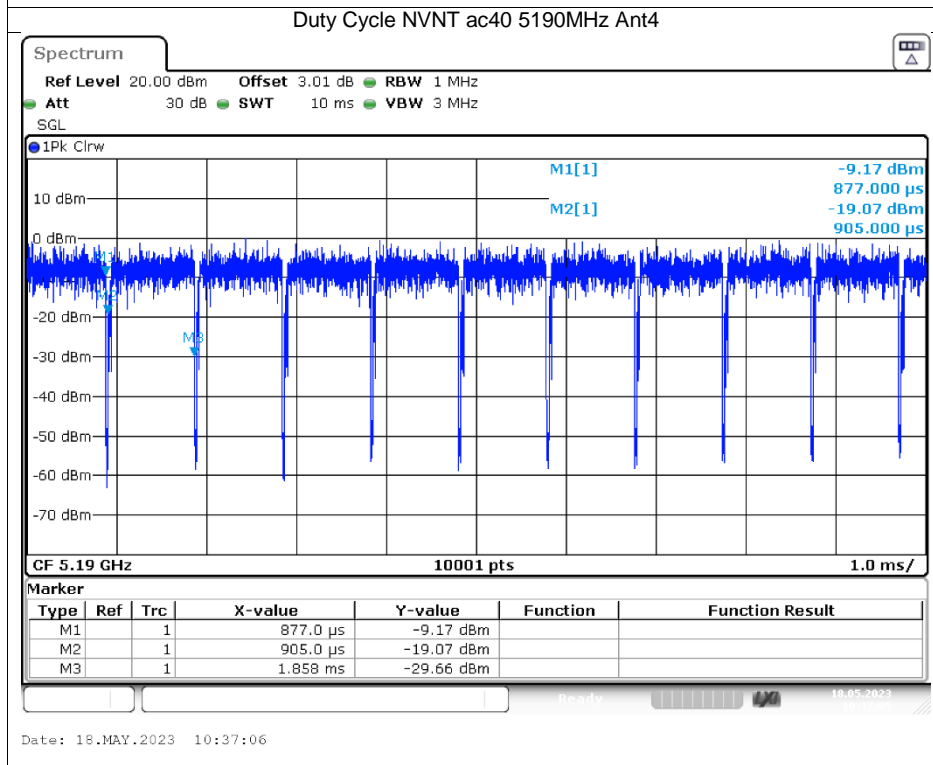
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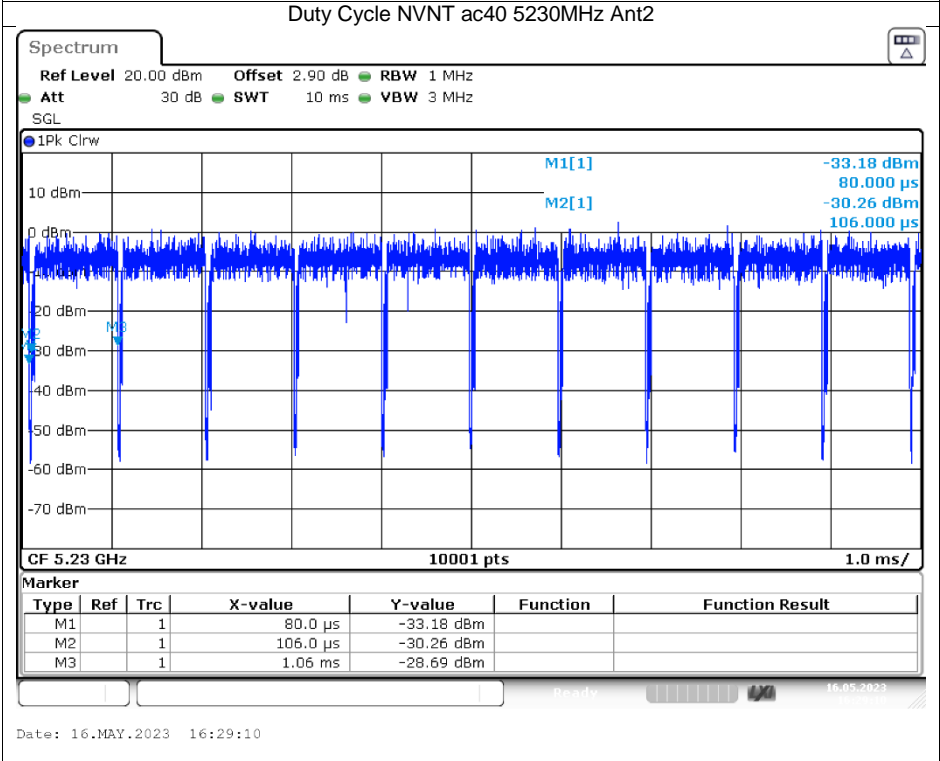
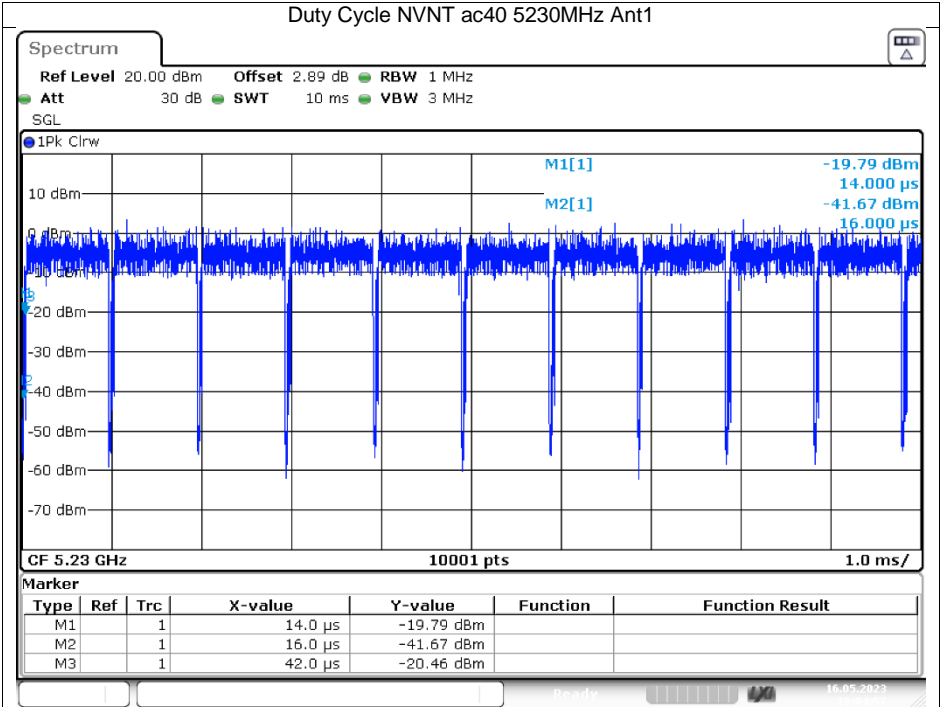
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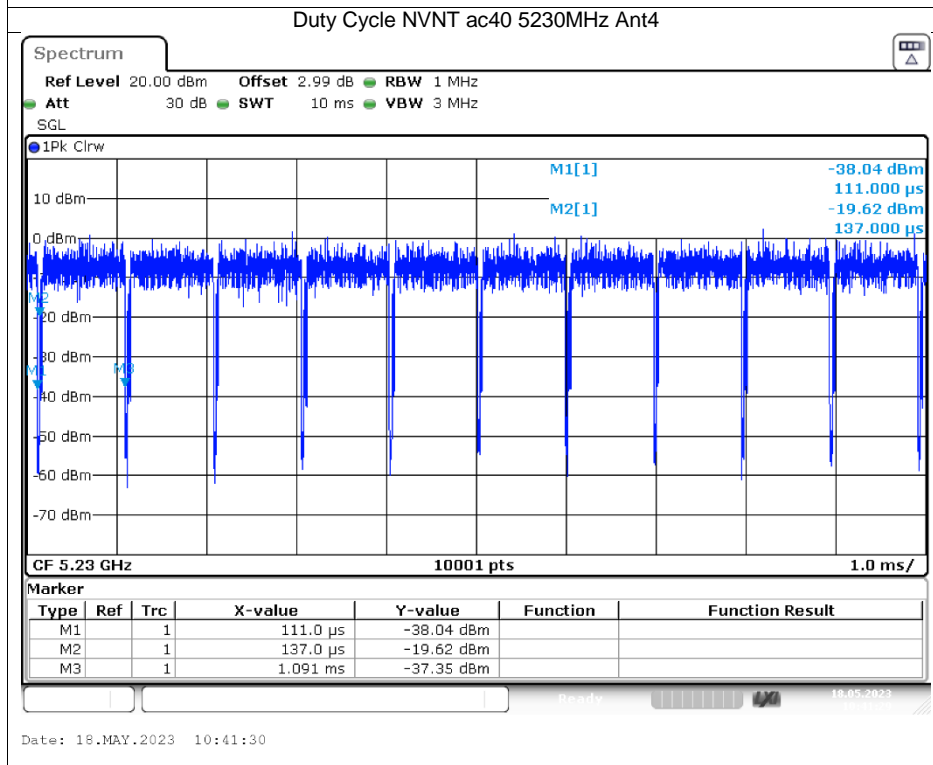
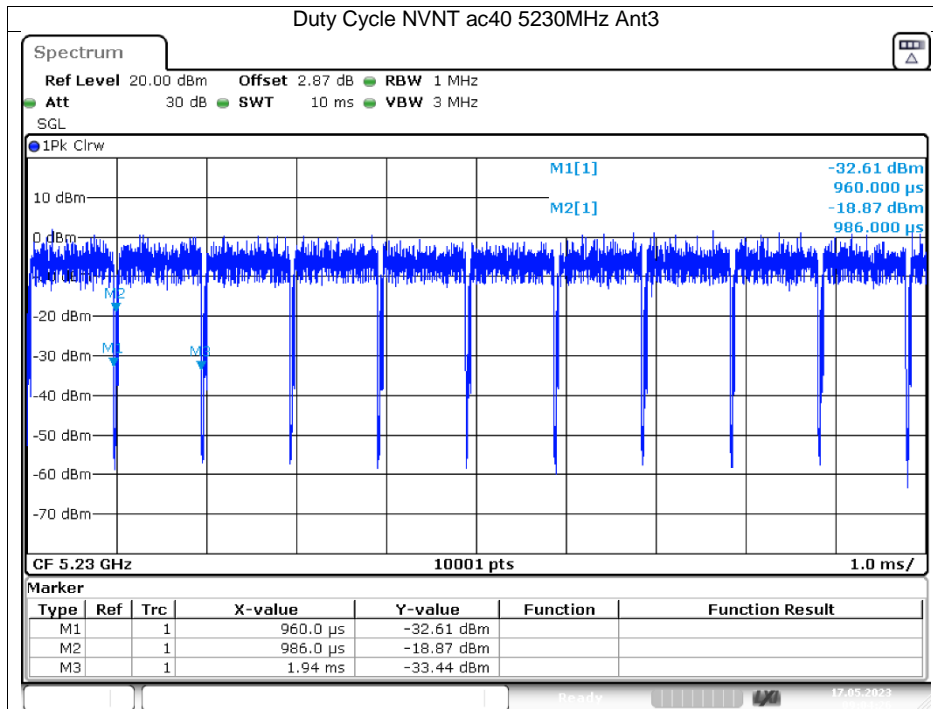


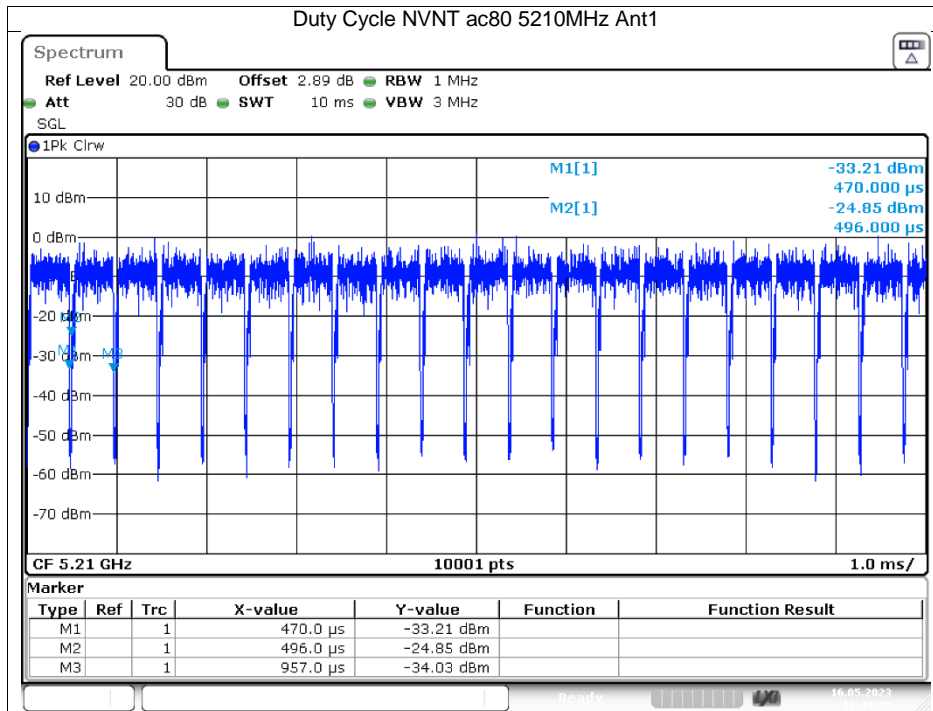
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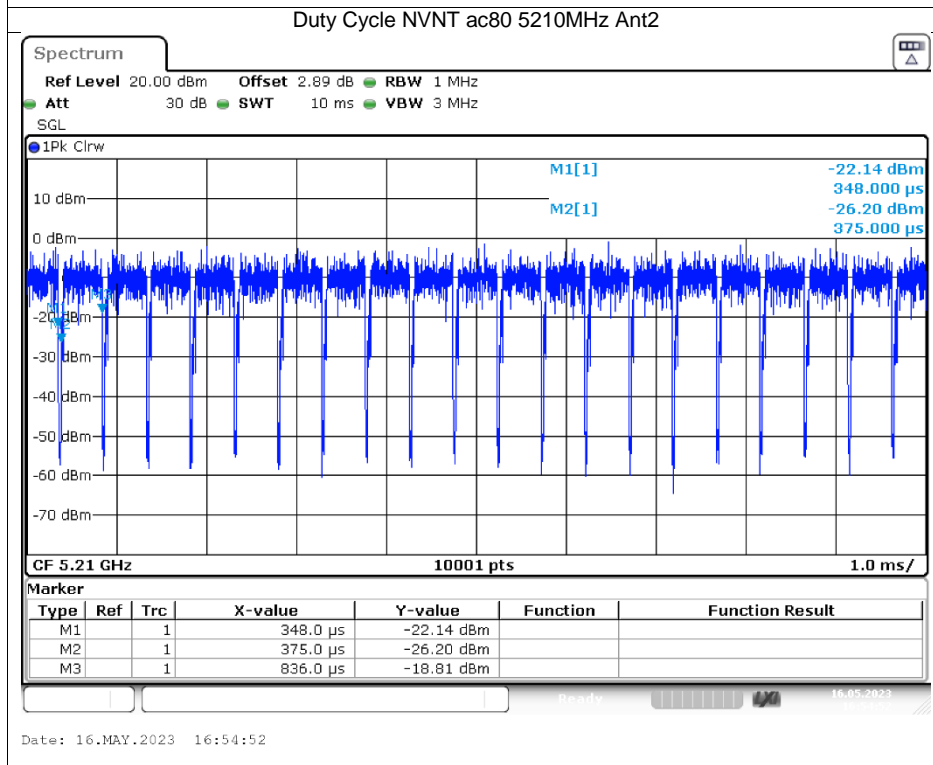
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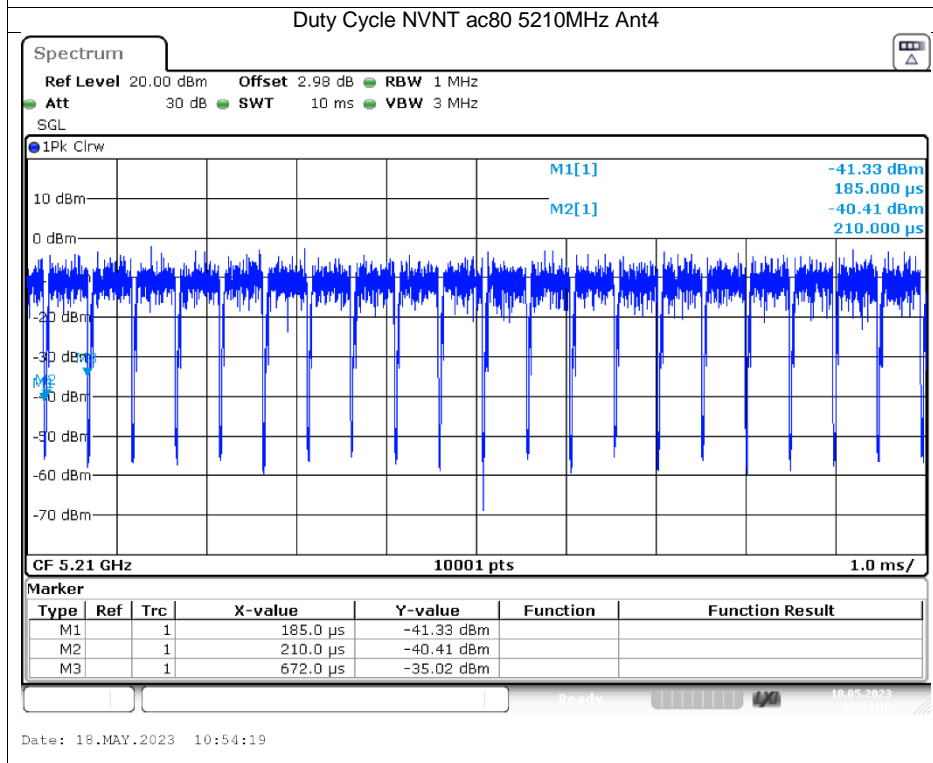
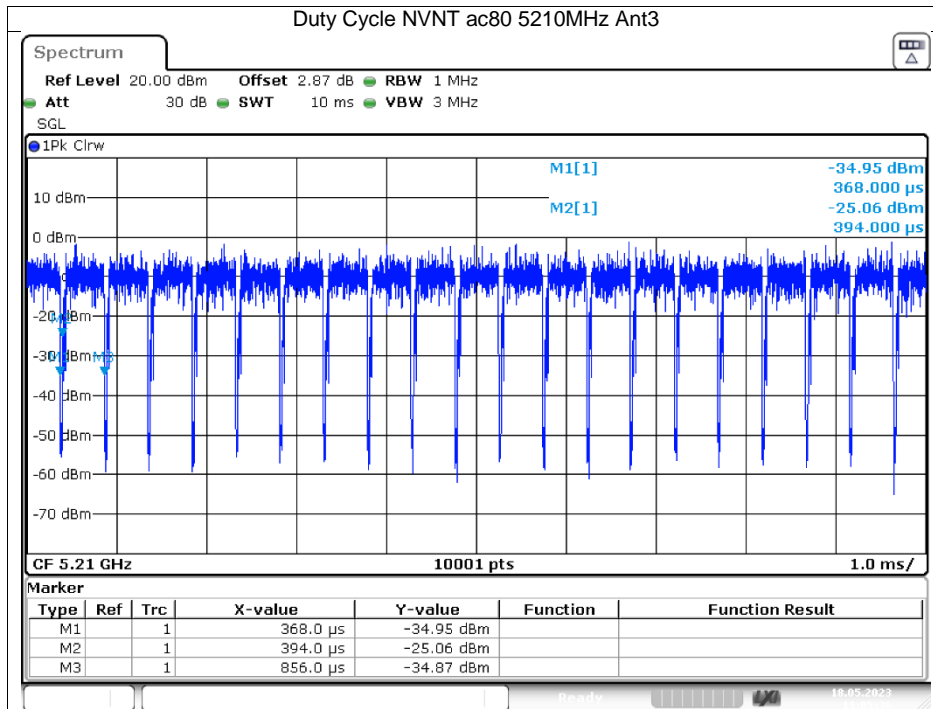


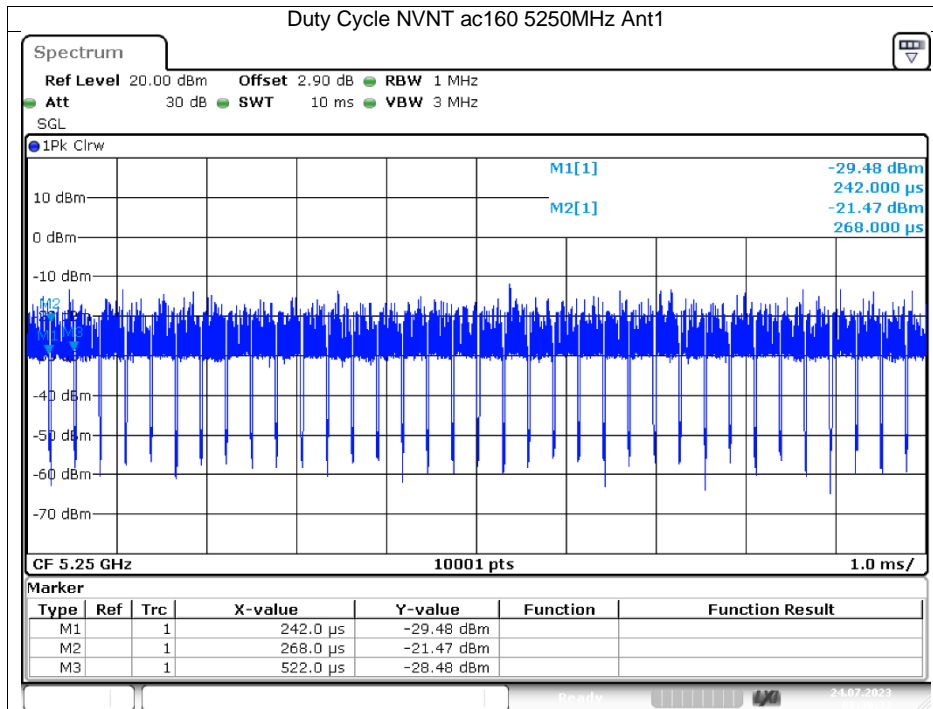


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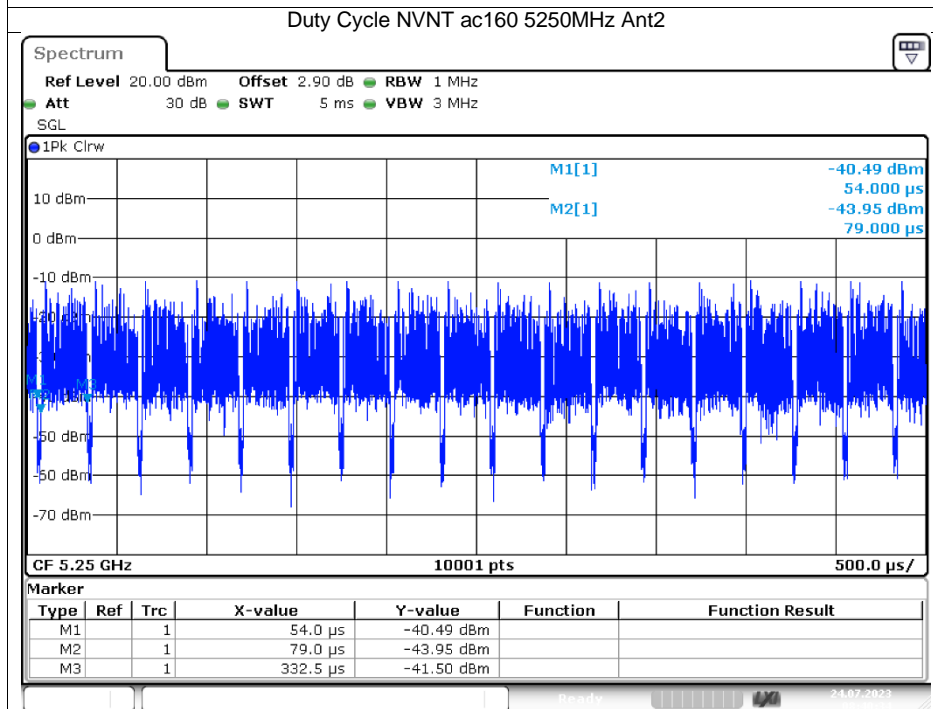


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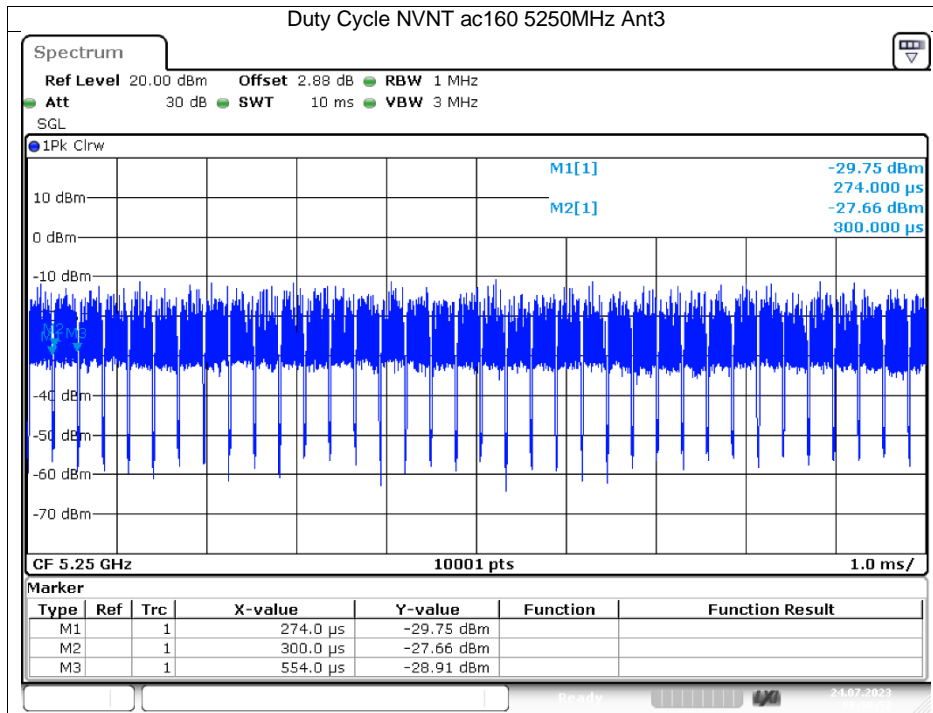




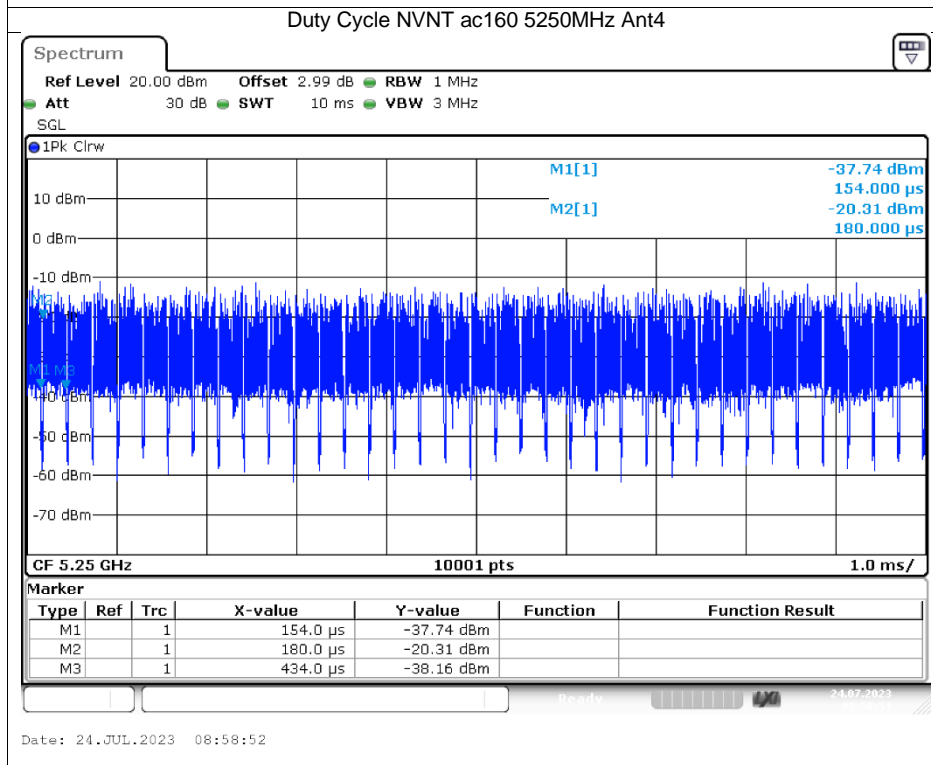
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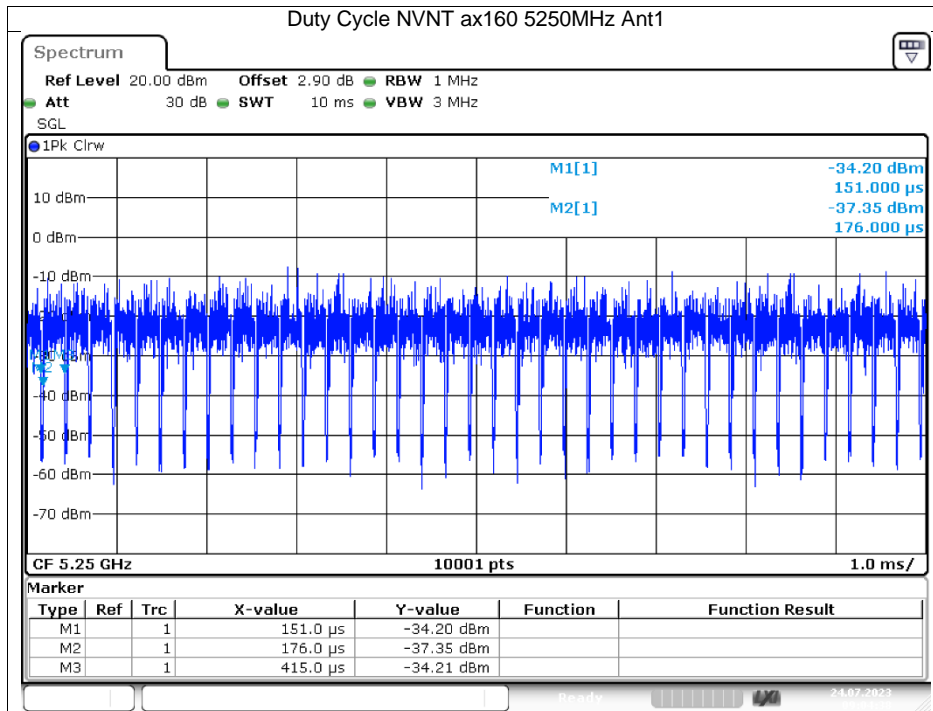
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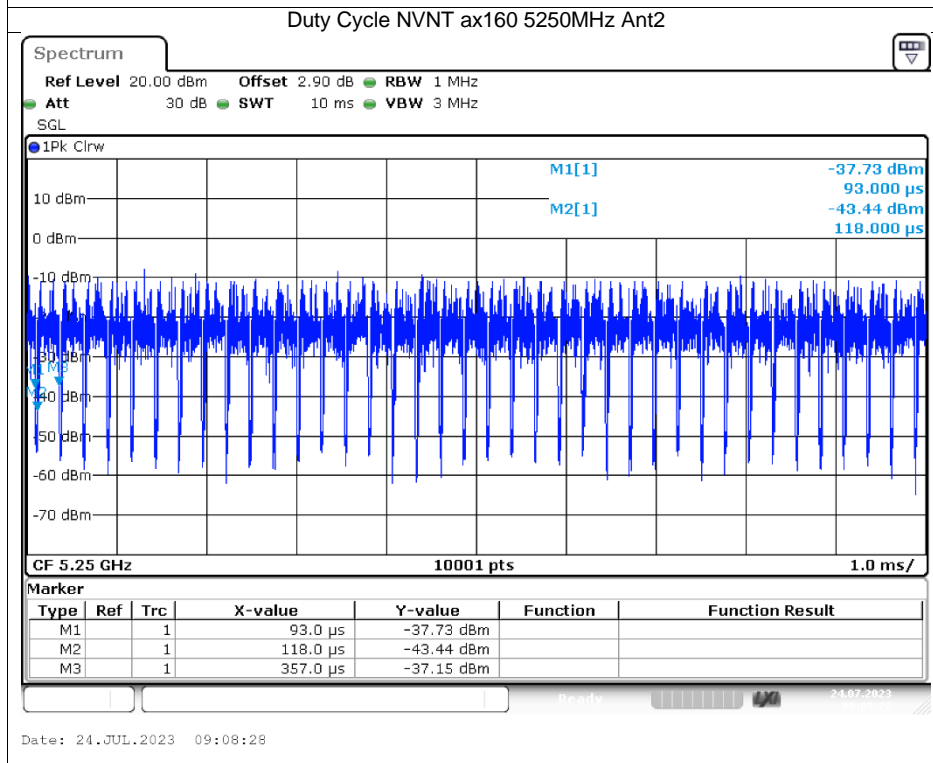
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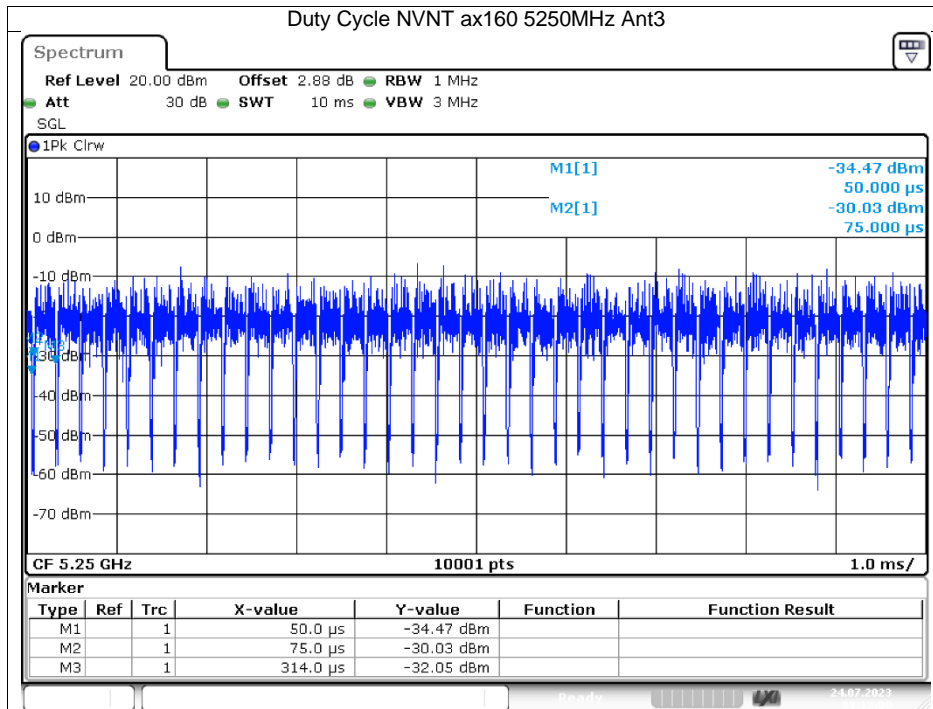
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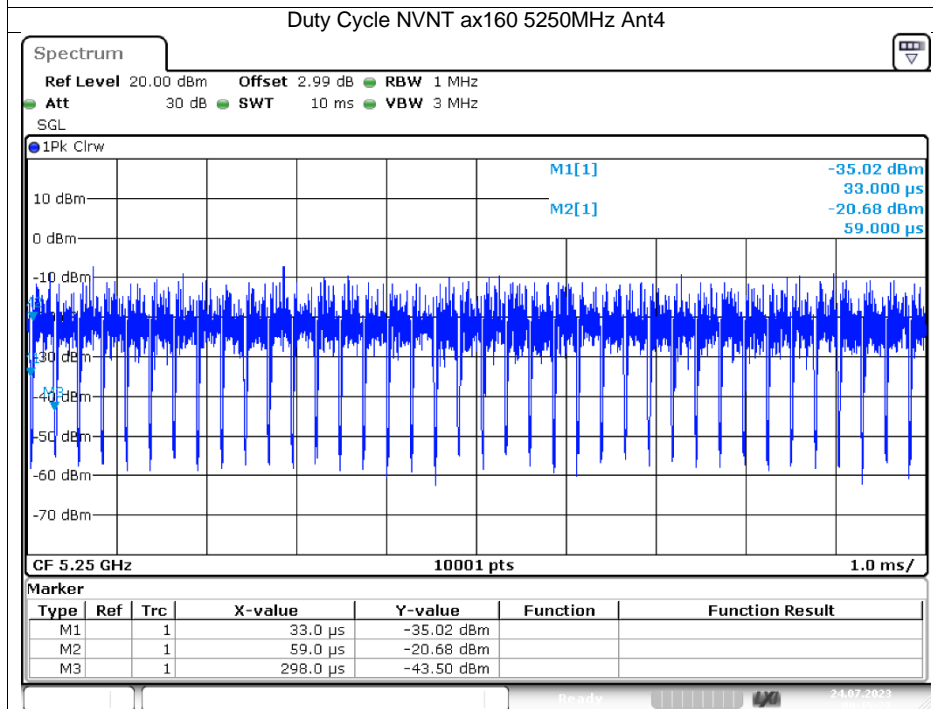
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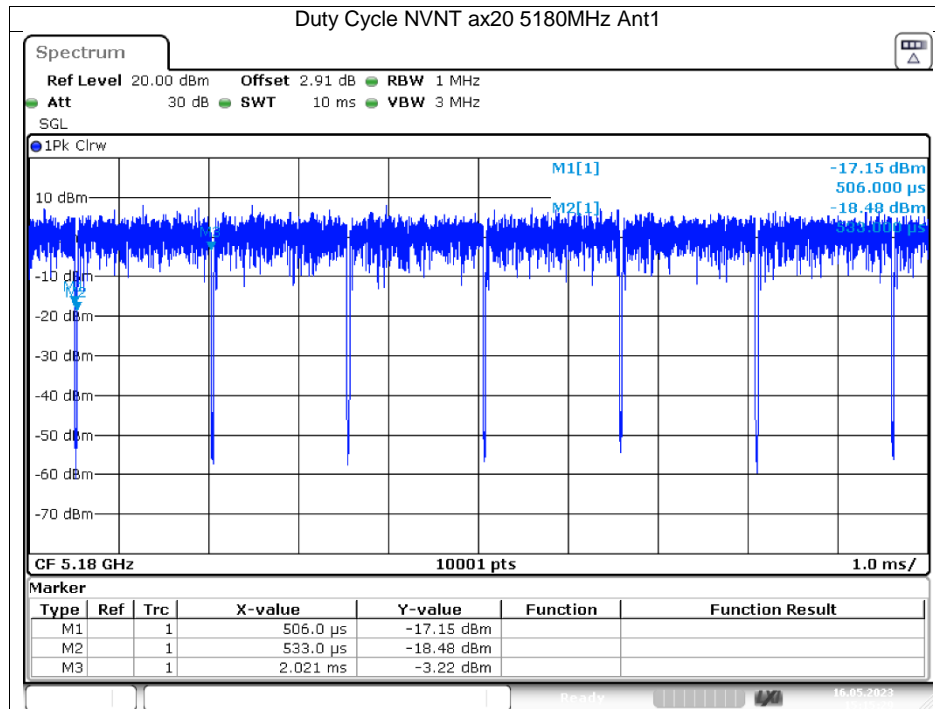
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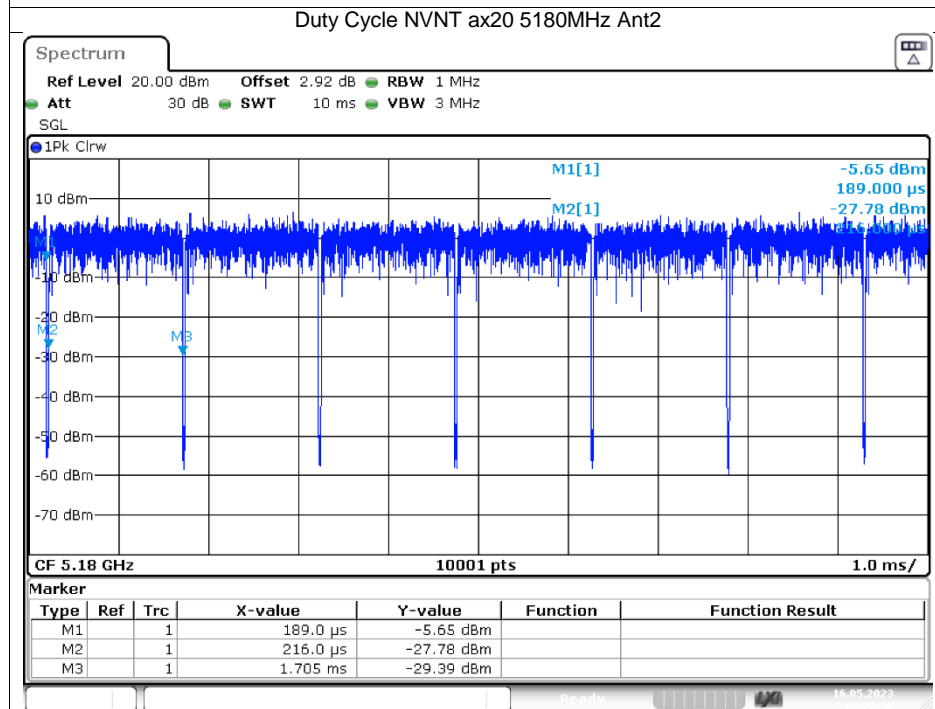
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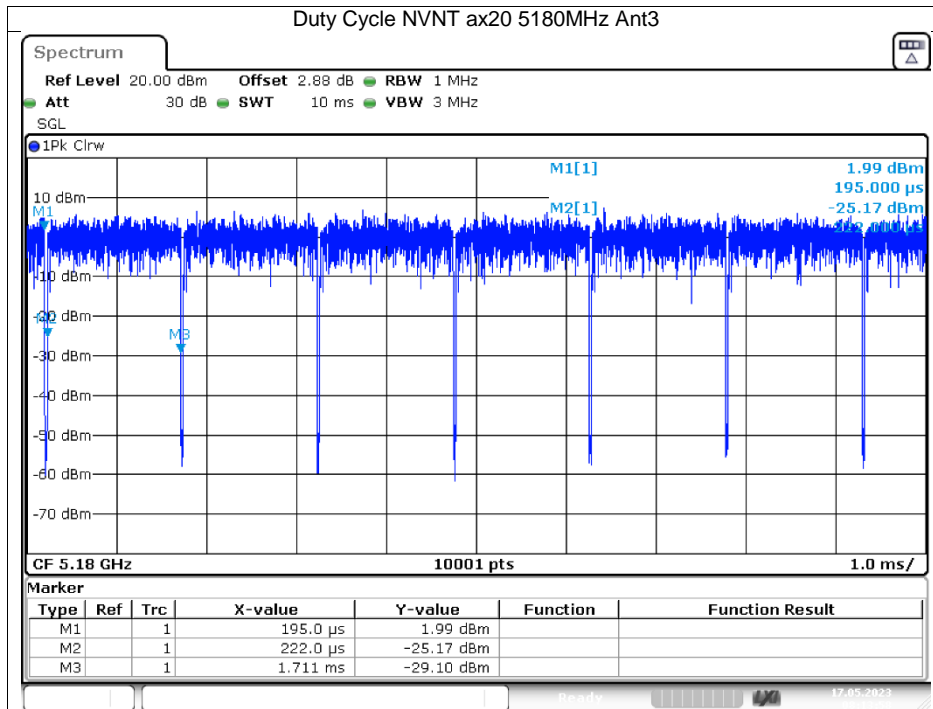
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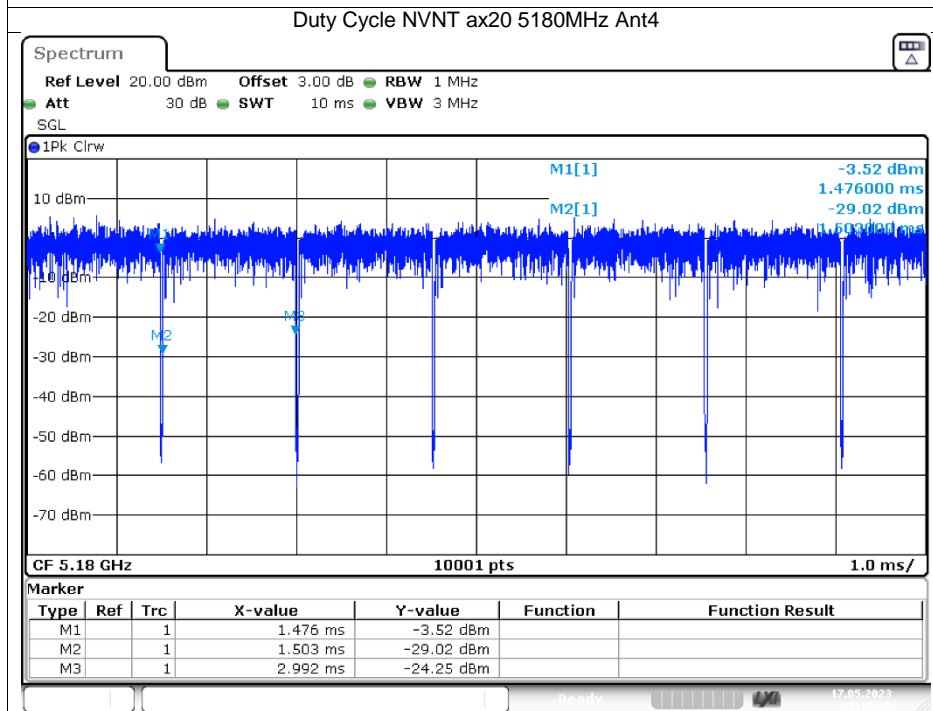
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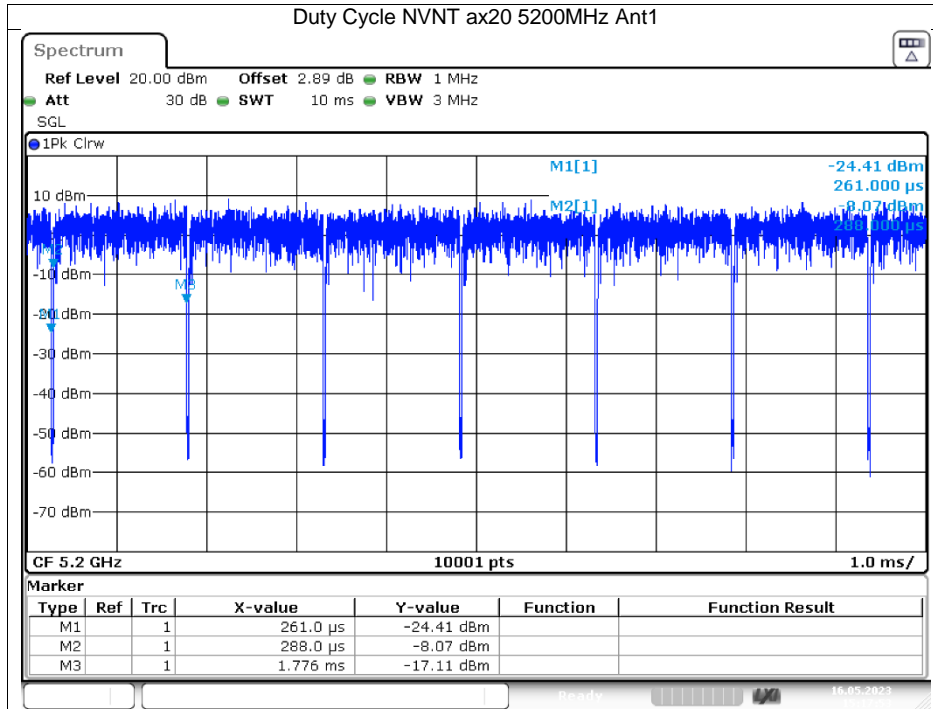
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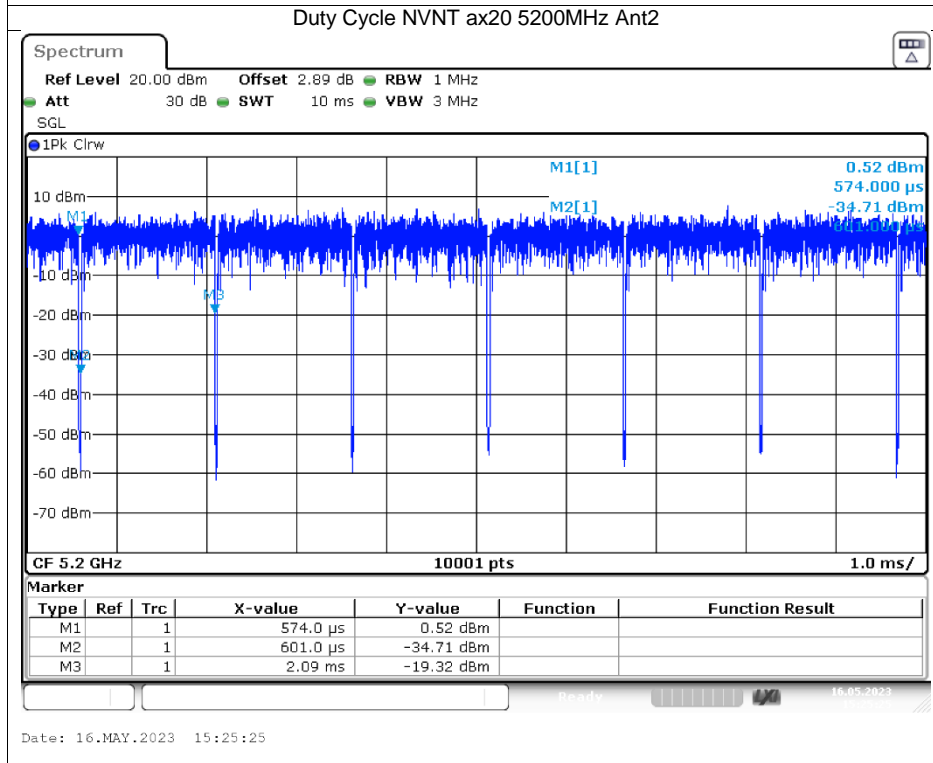
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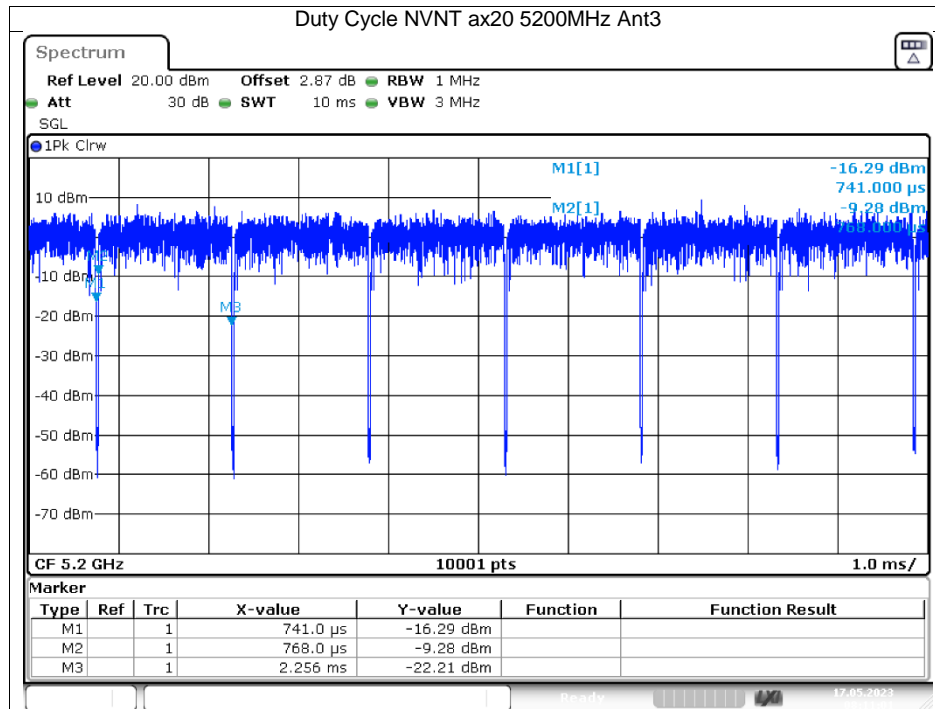
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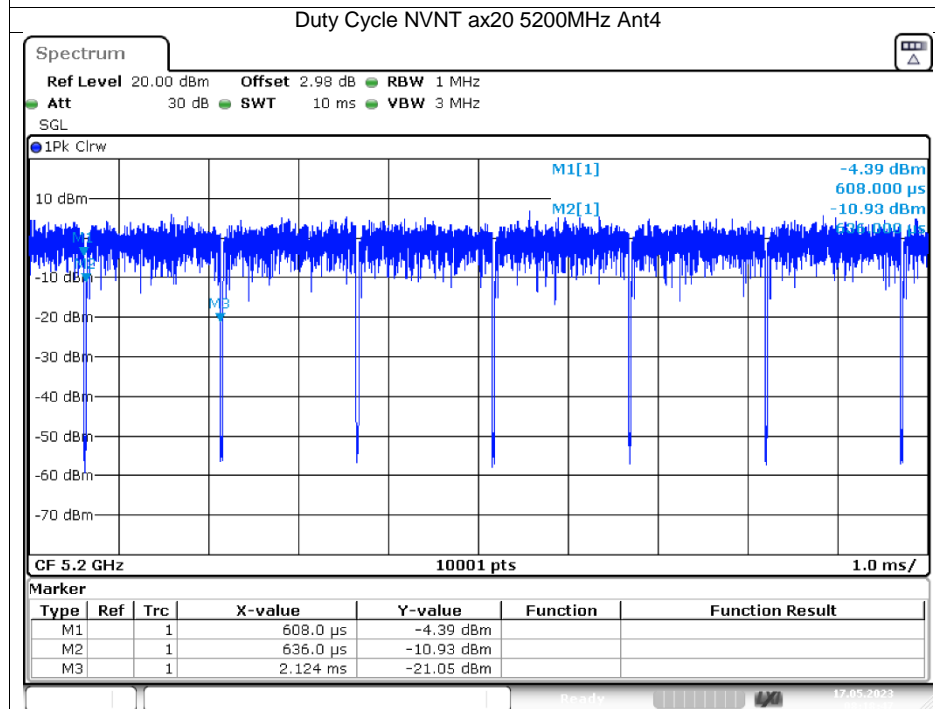
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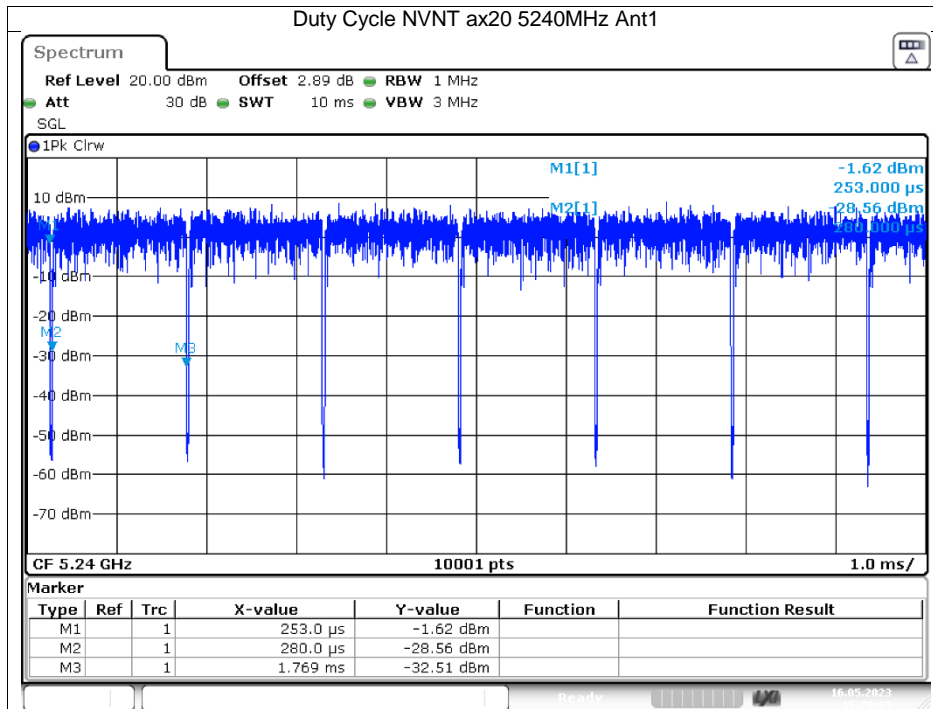
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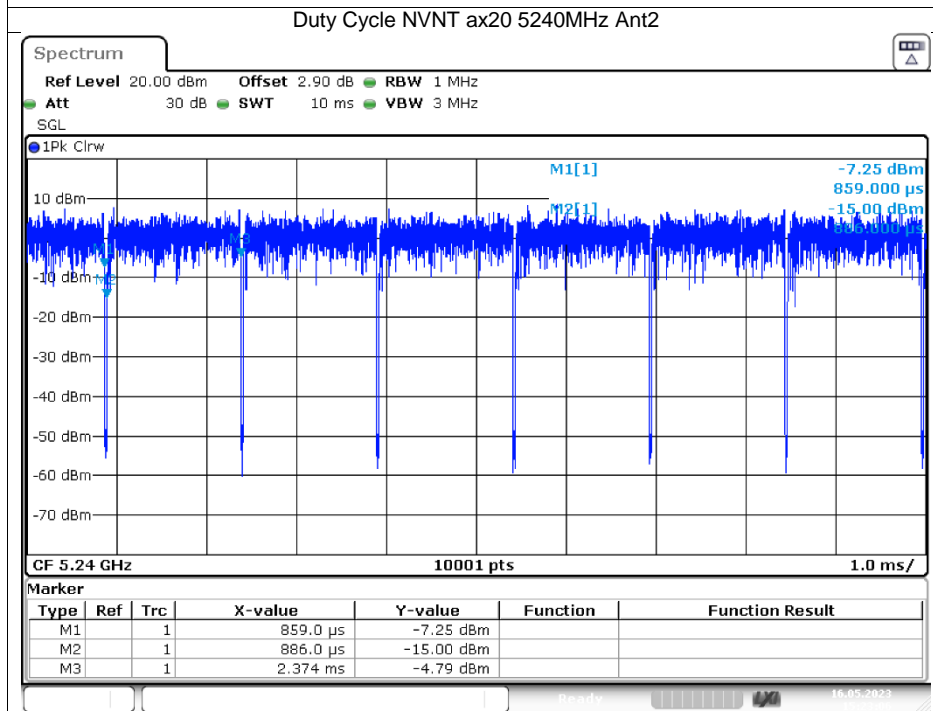
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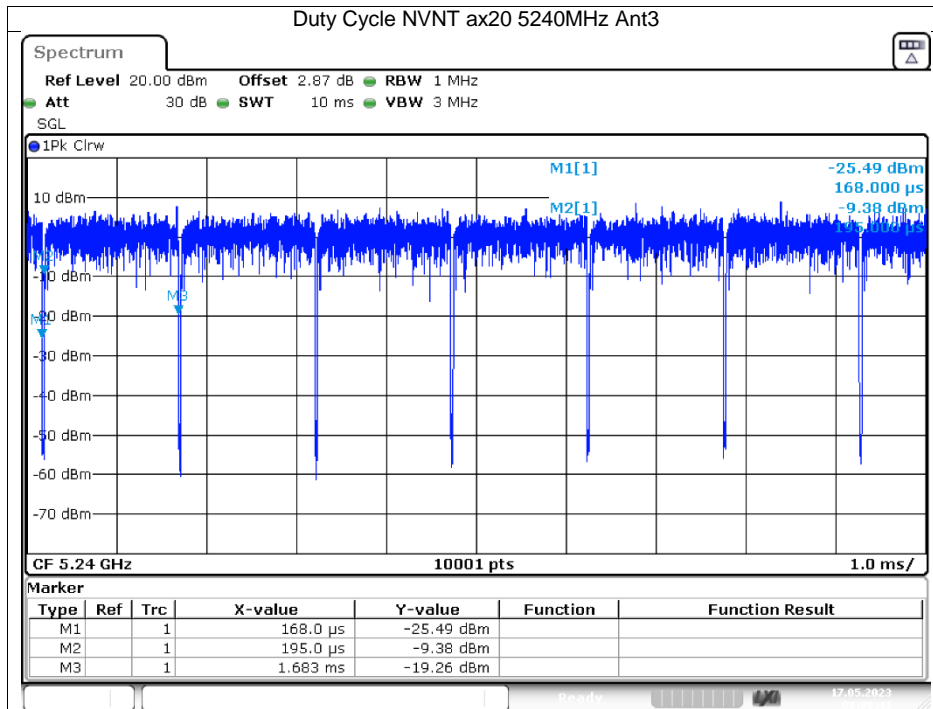
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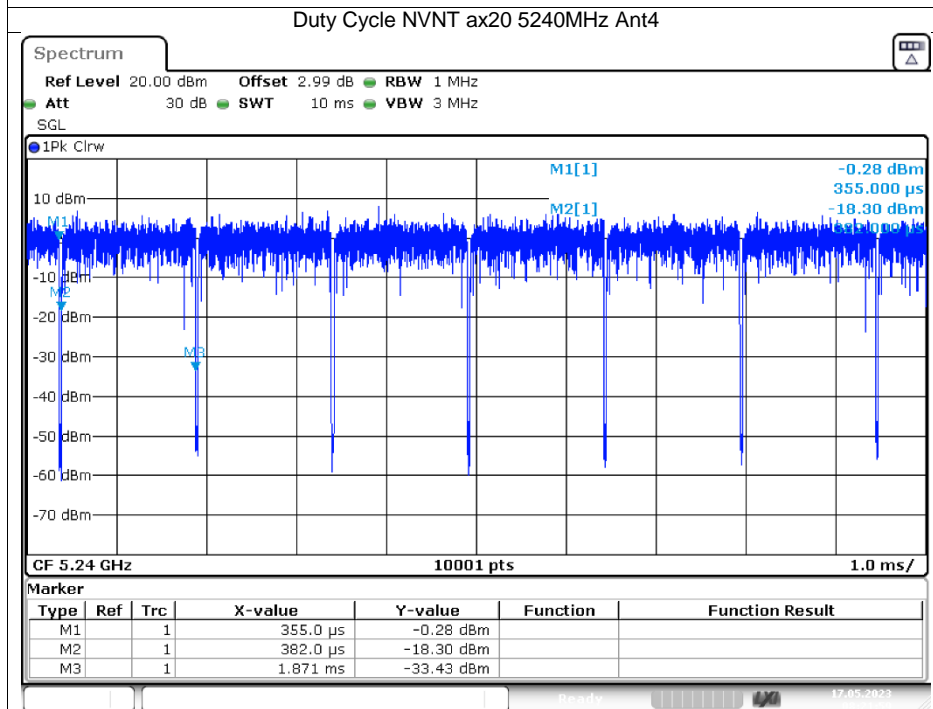
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