

Appendix A for 5GWIFI Test Data

Product Name: Rently Hub 4

Test Model: HUB422

Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	52%
ATM Pressure:	101.0 kPa
Test Engineer:	Leon Li
Supervised by:	Baret Wu

A1.Duty Cycle

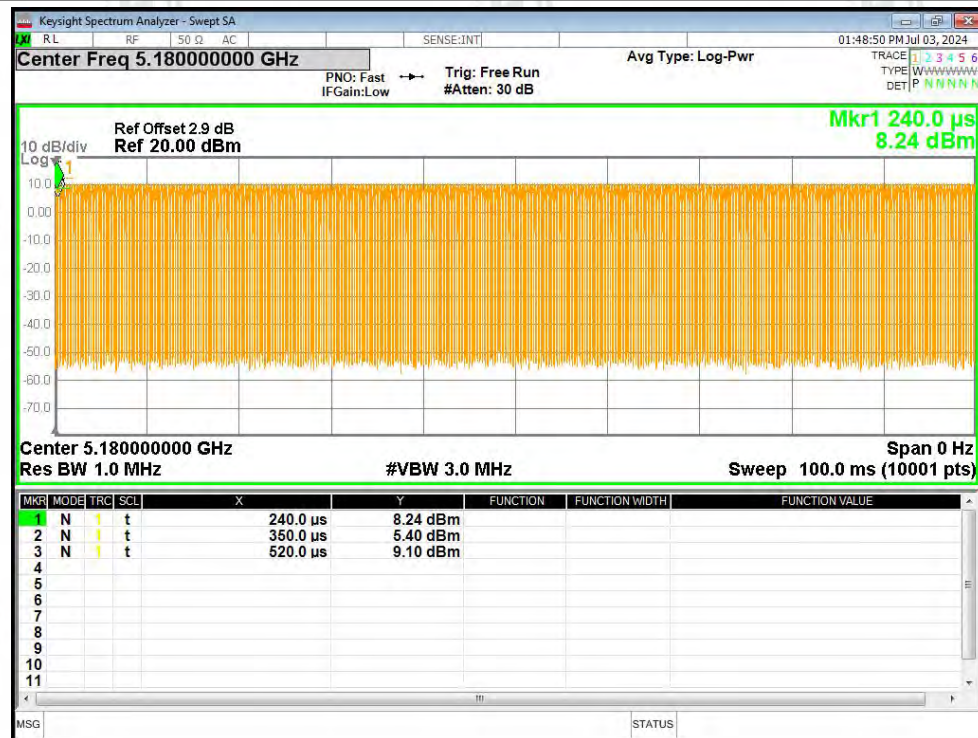
Storage chip 1						
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	60.71	2.17	5.88
NVNT	a	5200	Ant1	62.96	2.01	5.88
NVNT	a	5240	Ant1	64.29	1.92	5.56
NVNT	a	5260	Ant1	64.29	1.92	5.56
NVNT	a	5280	Ant1	62.96	2.01	5.88
NVNT	a	5320	Ant1	64.29	1.92	5.56
NVNT	a	5500	Ant1	64.29	1.92	5.56
NVNT	a	5600	Ant1	64.29	1.92	5.56
NVNT	a	5700	Ant1	60.71	2.17	5.88
NVNT	a	5745	Ant1	62.96	2.01	5.88
NVNT	a	5785	Ant1	64.29	1.92	5.56
NVNT	a	5825	Ant1	64.29	1.92	5.56
NVNT	n20	5180	Ant1	62.96	2.01	5.88
NVNT	n20	5200	Ant1	62.96	2.01	5.88
NVNT	n20	5240	Ant1	62.96	2.01	5.88
NVNT	n20	5260	Ant1	62.96	2.01	5.88
NVNT	n20	5280	Ant1	62.96	2.01	5.88
NVNT	n20	5320	Ant1	62.96	2.01	5.88
NVNT	n20	5500	Ant1	62.96	2.01	5.88
NVNT	n20	5600	Ant1	62.96	2.01	5.88
NVNT	n20	5700	Ant1	61.54	2.11	6.25
NVNT	n20	5745	Ant1	62.96	2.01	5.88
NVNT	n20	5785	Ant1	62.96	2.01	5.88
NVNT	n20	5825	Ant1	62.96	2.01	5.88
NVNT	n40	5190	Ant1	50	3.01	10
NVNT	n40	5230	Ant1	50	3.01	10
NVNT	n40	5270	Ant1	52.38	2.81	9.09
NVNT	n40	5310	Ant1	52.38	2.81	9.09
NVNT	n40	5510	Ant1	52.38	2.81	9.09
NVNT	n40	5590	Ant1	50	3.01	10
NVNT	n40	5670	Ant1	50	3.01	10
NVNT	n40	5755	Ant1	50	3.01	10
NVNT	n40	5795	Ant1	50	3.01	10
NVNT	ac20	5180	Ant1	62.96	2.01	5.88
NVNT	ac20	5200	Ant1	62.96	2.01	5.88
NVNT	ac20	5240	Ant1	62.96	2.01	5.88
NVNT	ac20	5260	Ant1	62.96	2.01	5.88
NVNT	ac20	5280	Ant1	62.96	2.01	5.88
NVNT	ac20	5320	Ant1	62.96	2.01	5.88



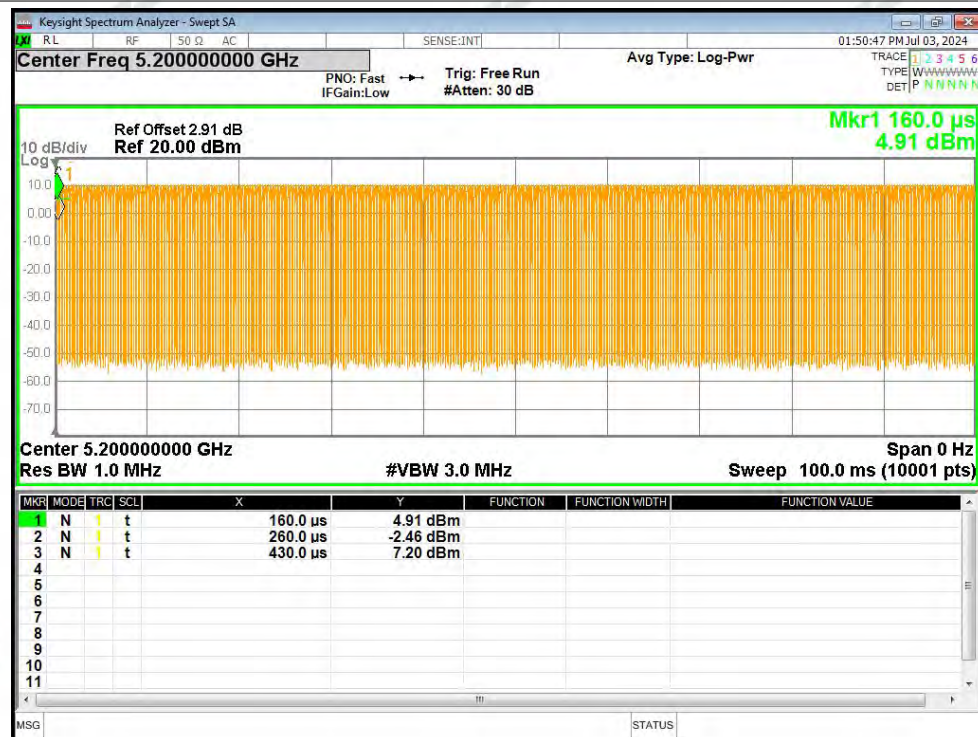
NVNT	ac20	5500	Ant1	59.26	2.27	6.25
NVNT	ac20	5600	Ant1	62.96	2.01	5.88
NVNT	ac20	5700	Ant1	62.96	2.01	5.88
NVNT	ac20	5745	Ant1	62.96	2.01	5.88
NVNT	ac20	5785	Ant1	62.96	2.01	5.88
NVNT	ac20	5825	Ant1	62.96	2.01	5.88
NVNT	ac40	5190	Ant1	50	3.01	10
NVNT	ac40	5230	Ant1	50	3.01	10
NVNT	ac40	5270	Ant1	50	3.01	10
NVNT	ac40	5310	Ant1	50	3.01	10
NVNT	ac40	5510	Ant1	47.37	3.24	11.11
NVNT	ac40	5590	Ant1	47.37	3.24	11.11
NVNT	ac40	5670	Ant1	50	3.01	10
NVNT	ac40	5755	Ant1	50	3.01	10
NVNT	ac40	5795	Ant1	50	3.01	10
NVNT	ac80	5210	Ant1	35.29	4.52	16.67
NVNT	ac80	5290	Ant1	35.29	4.52	16.67
NVNT	ac80	5530	Ant1	35.29	4.52	16.67
NVNT	ac80	5610	Ant1	29.41	5.32	20
NVNT	ac80	5690	Ant1	31.25	5.05	20
NVNT	ac80	5775	Ant1	31.25	5.05	20

Test Graphs

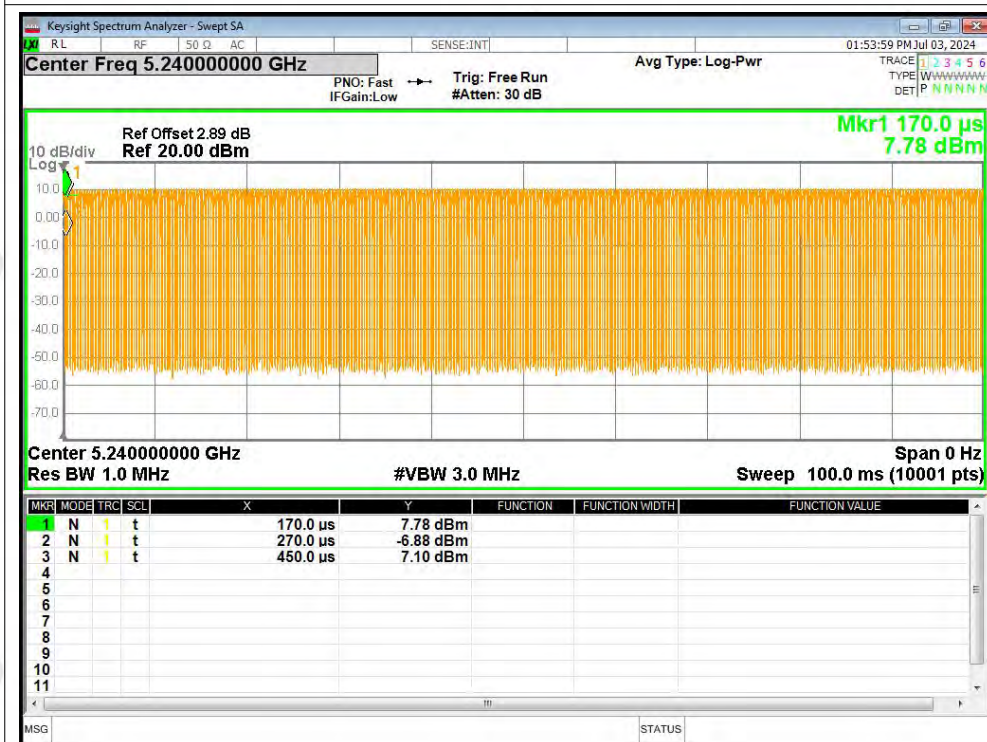
Duty Cycle NVNT a 5180MHz Ant1



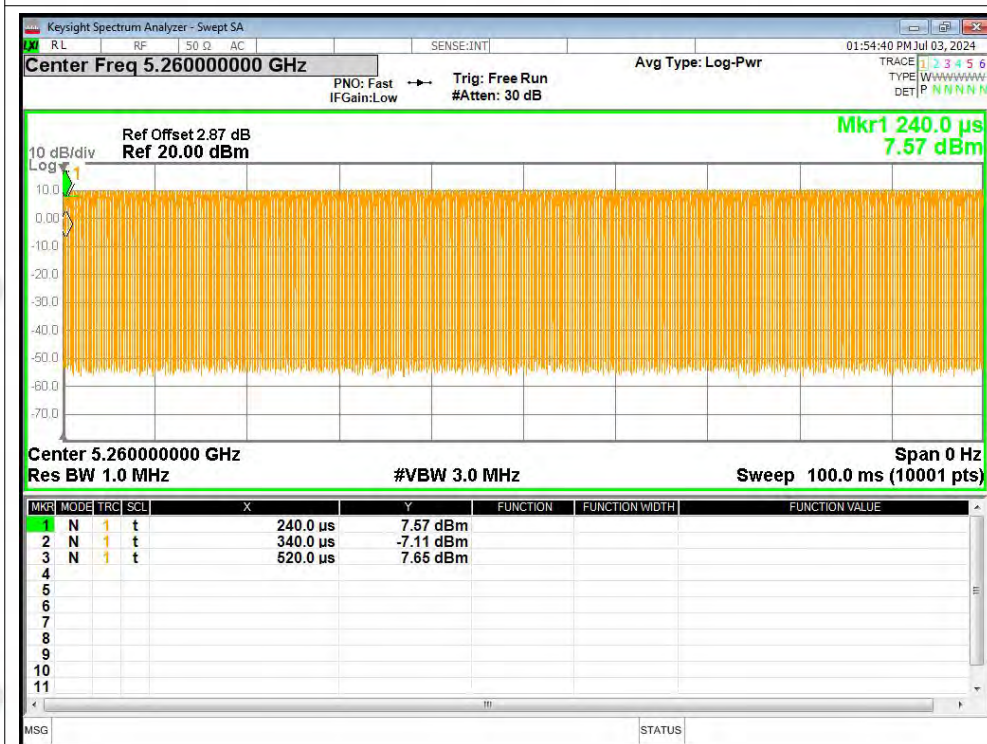
Duty Cycle NVNT a 5200MHz Ant1



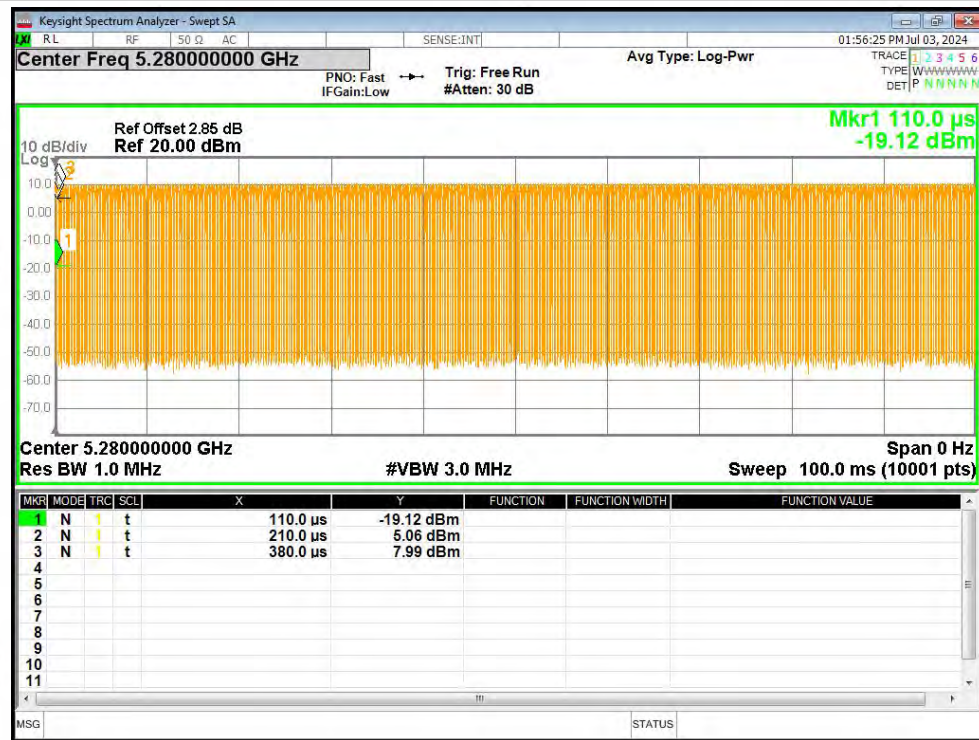
Duty Cycle NVNT a 5240MHz Ant1



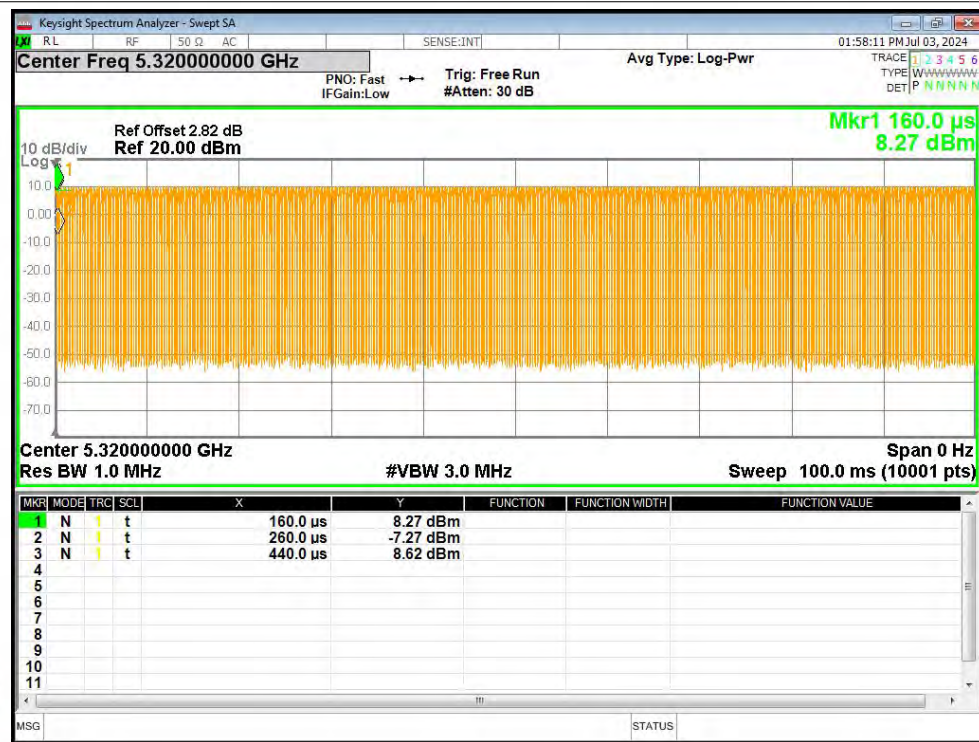
Duty Cycle NVNT a 5260MHz Ant1



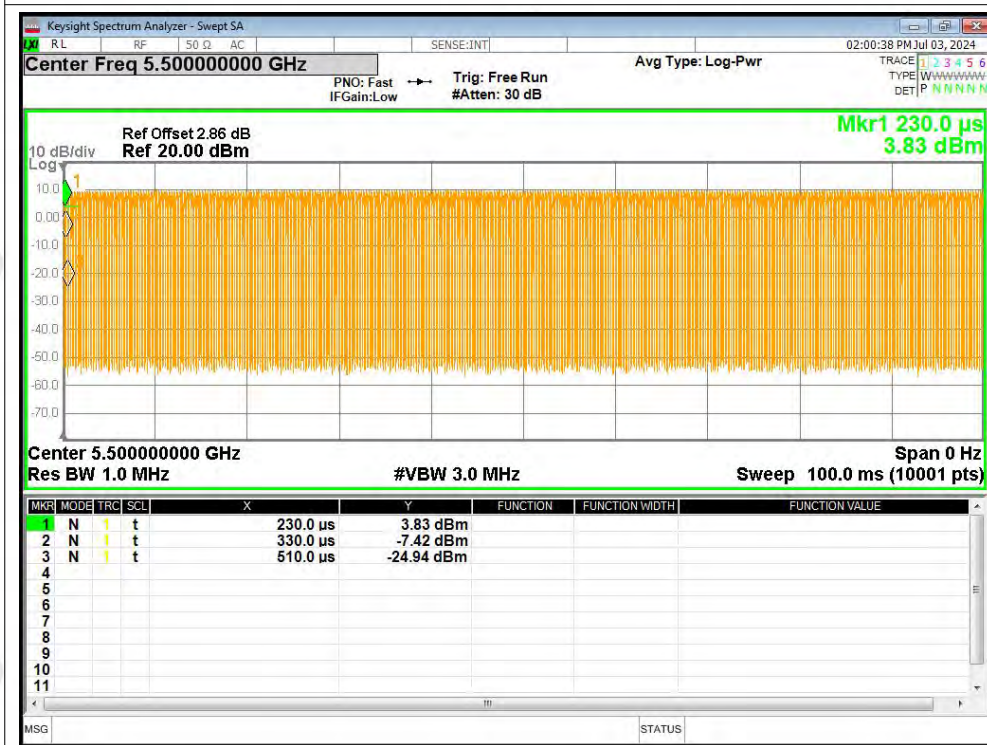
Duty Cycle NVNT a 5280MHz Ant1



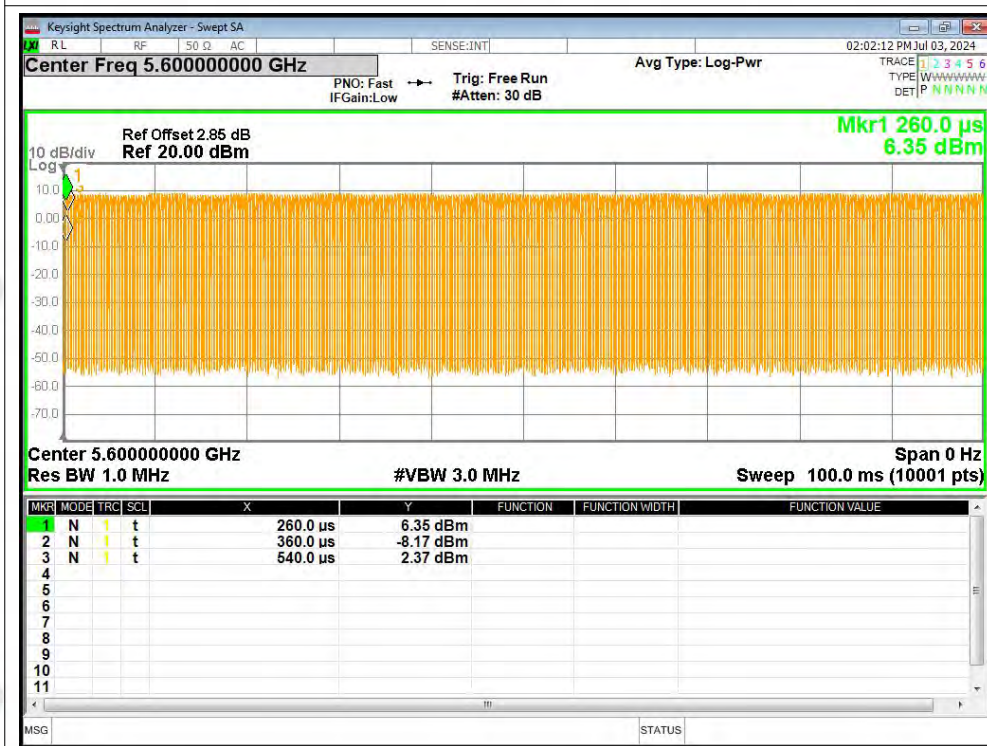
Duty Cycle NVNT a 5320MHz Ant1

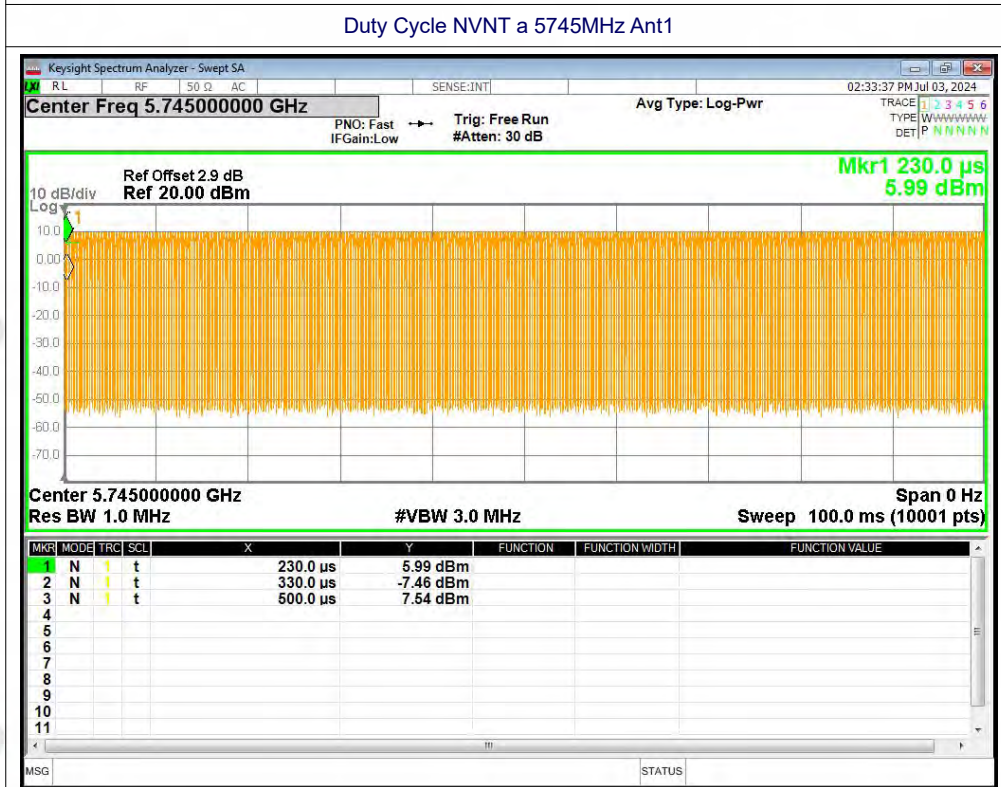
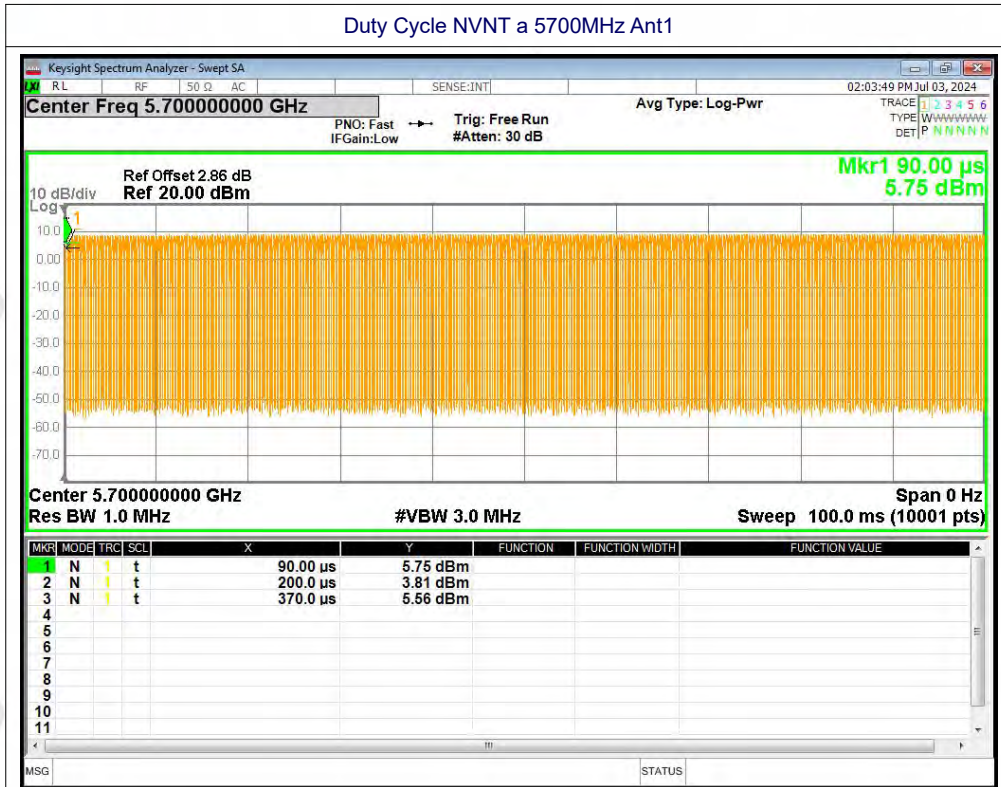


Duty Cycle NVNT a 5500MHz Ant1

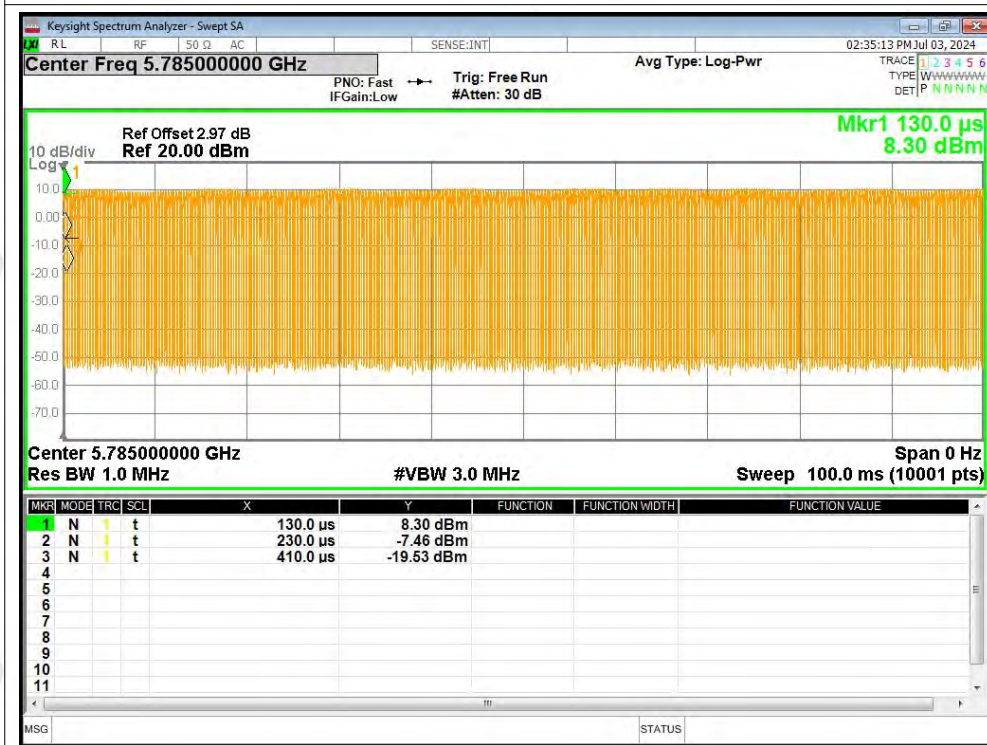


Duty Cycle NVNT a 5600MHz Ant1

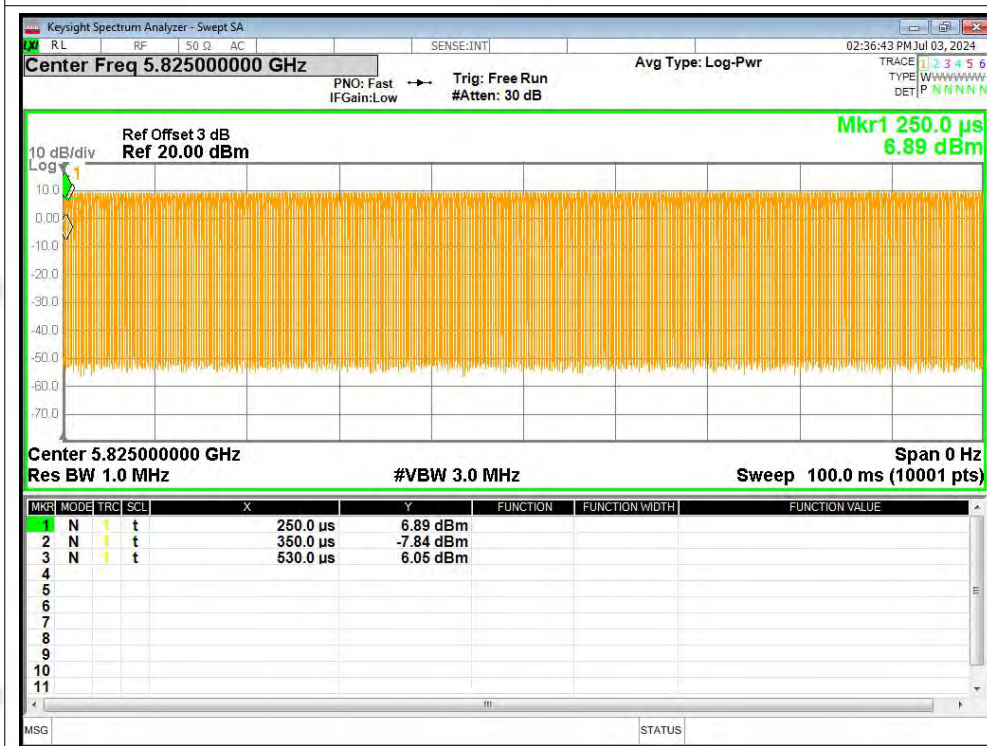


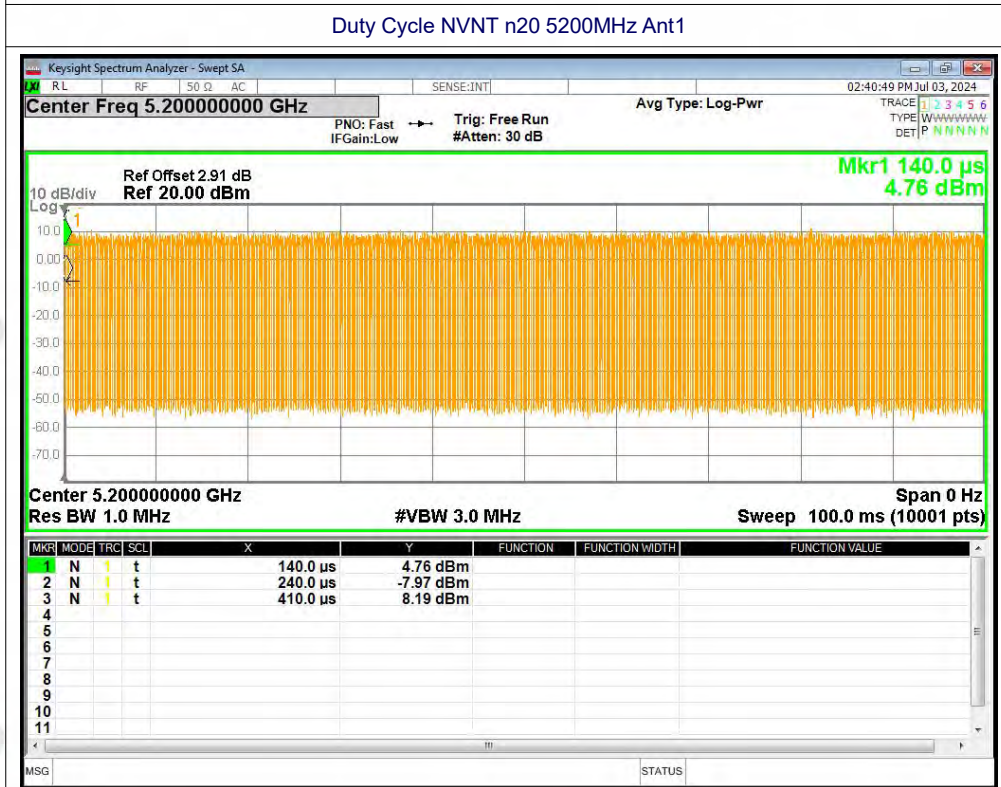
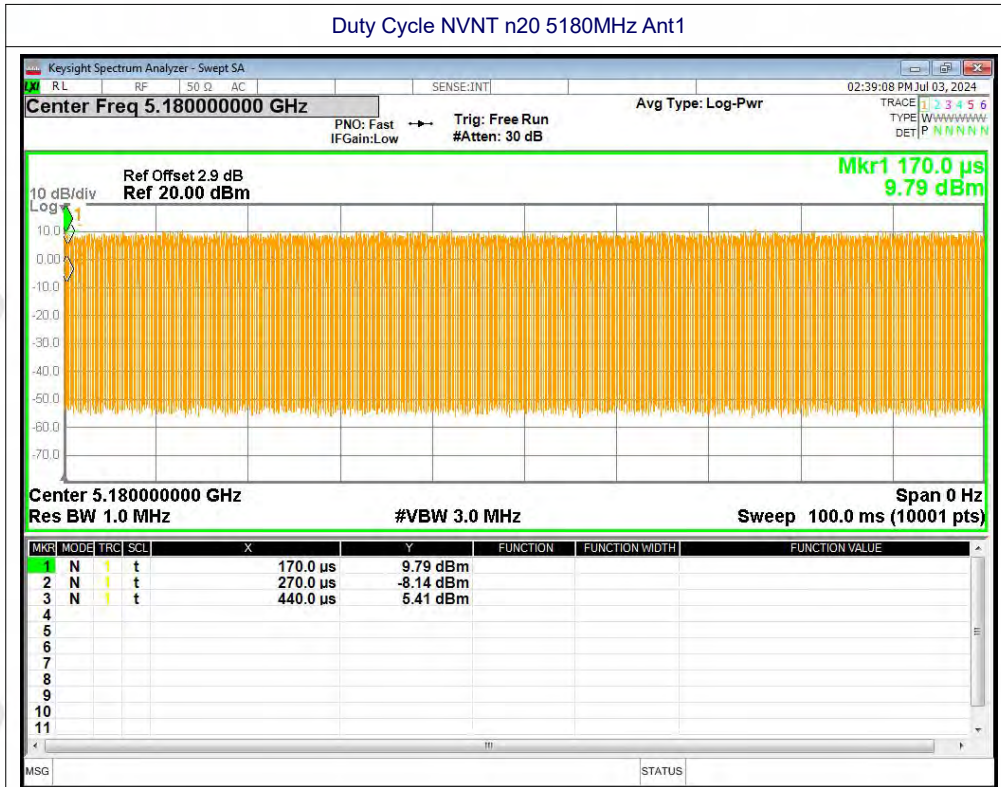


Duty Cycle NVNT a 5785MHz Ant1

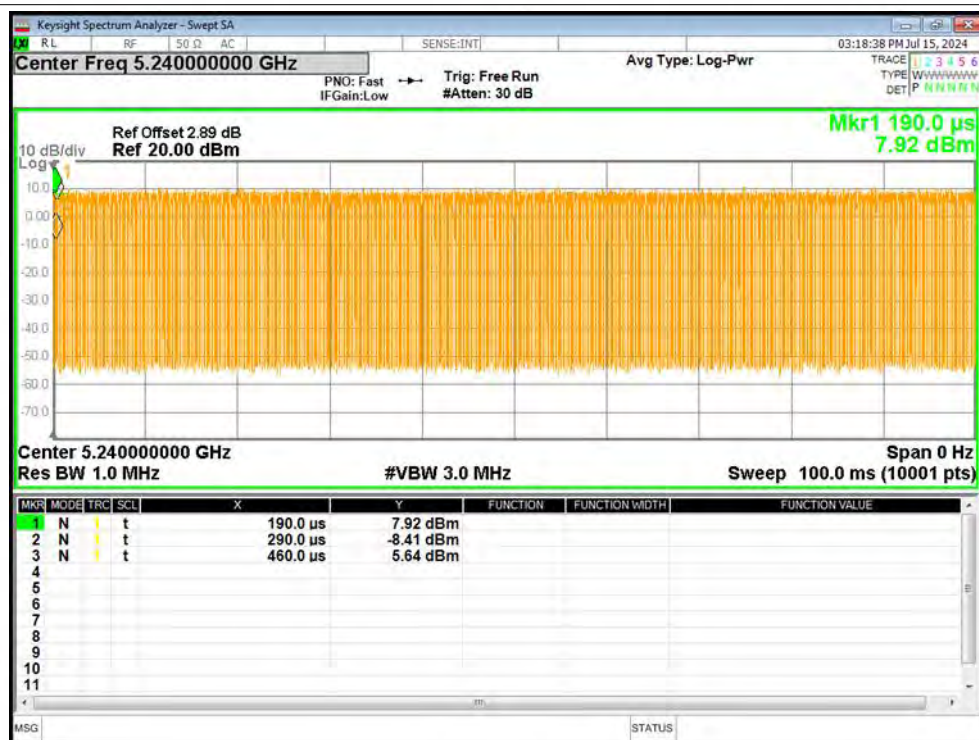


Duty Cycle NVNT a 5825MHz Ant1

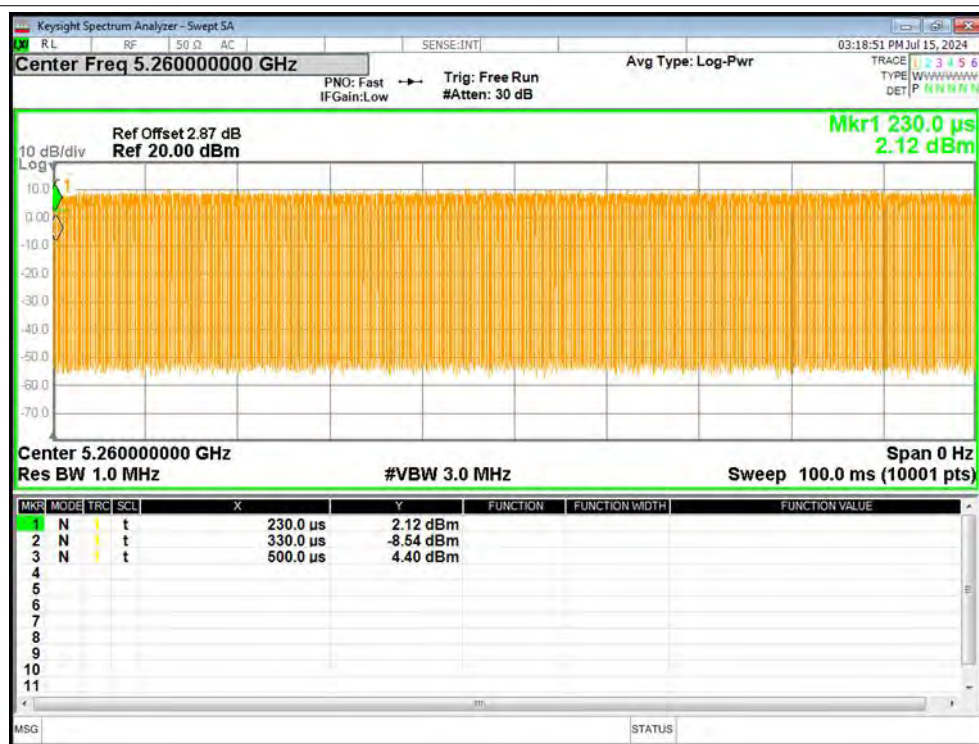


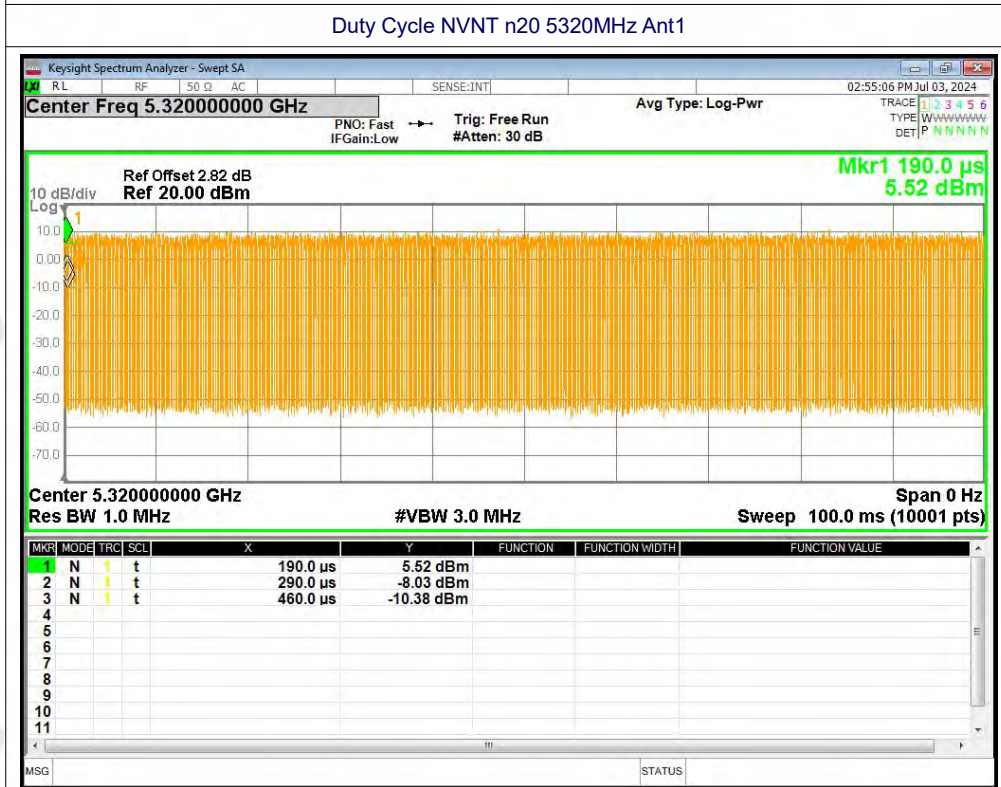
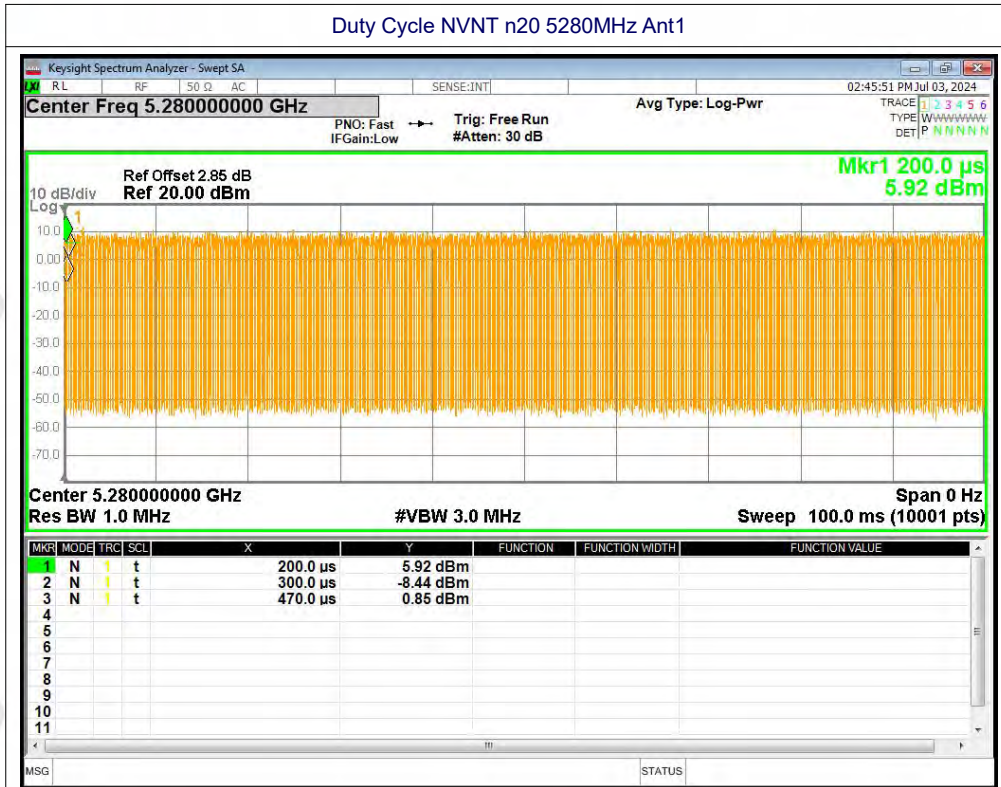


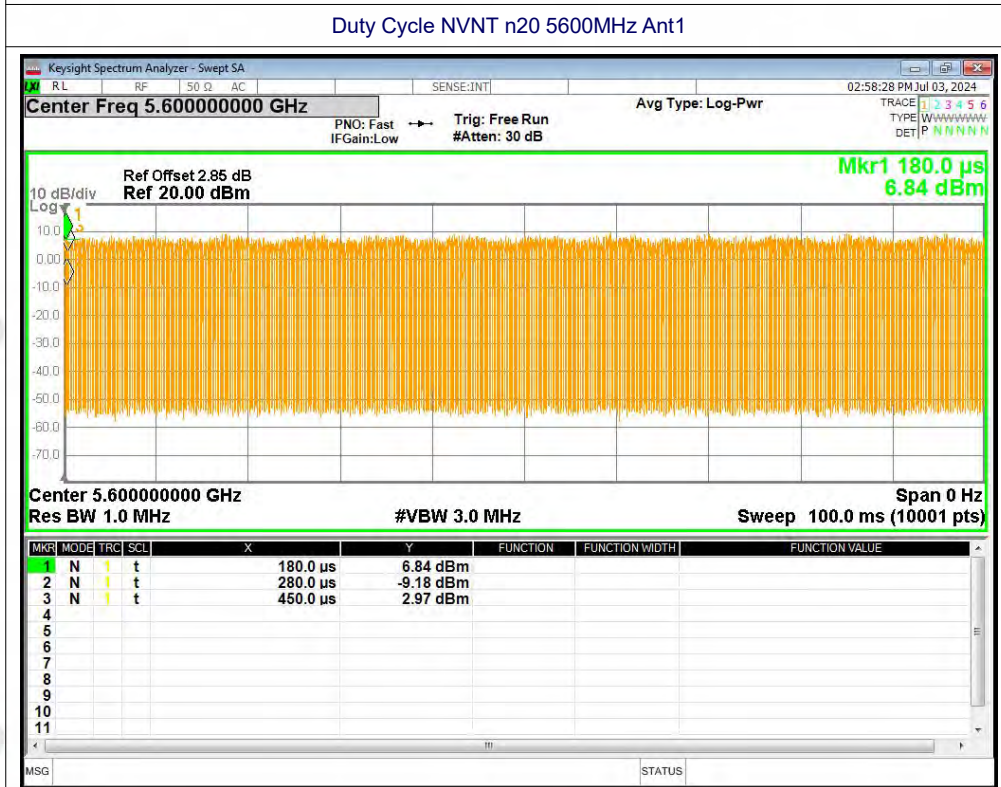
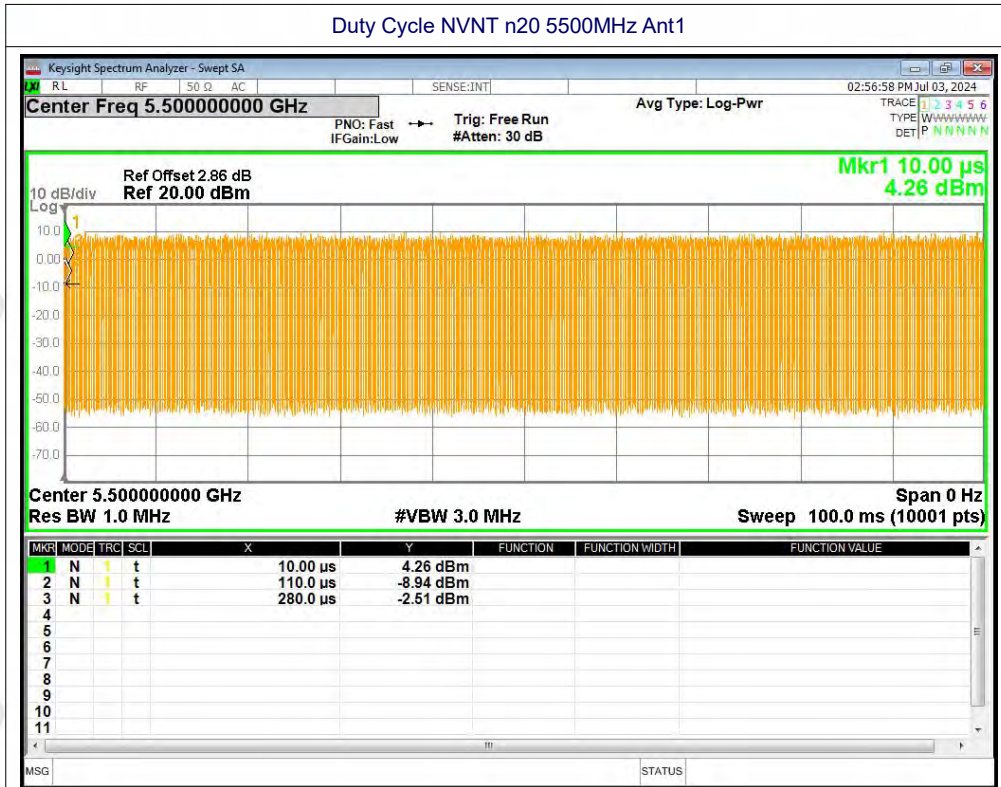
Duty Cycle NVNT n20 5240MHz Ant1

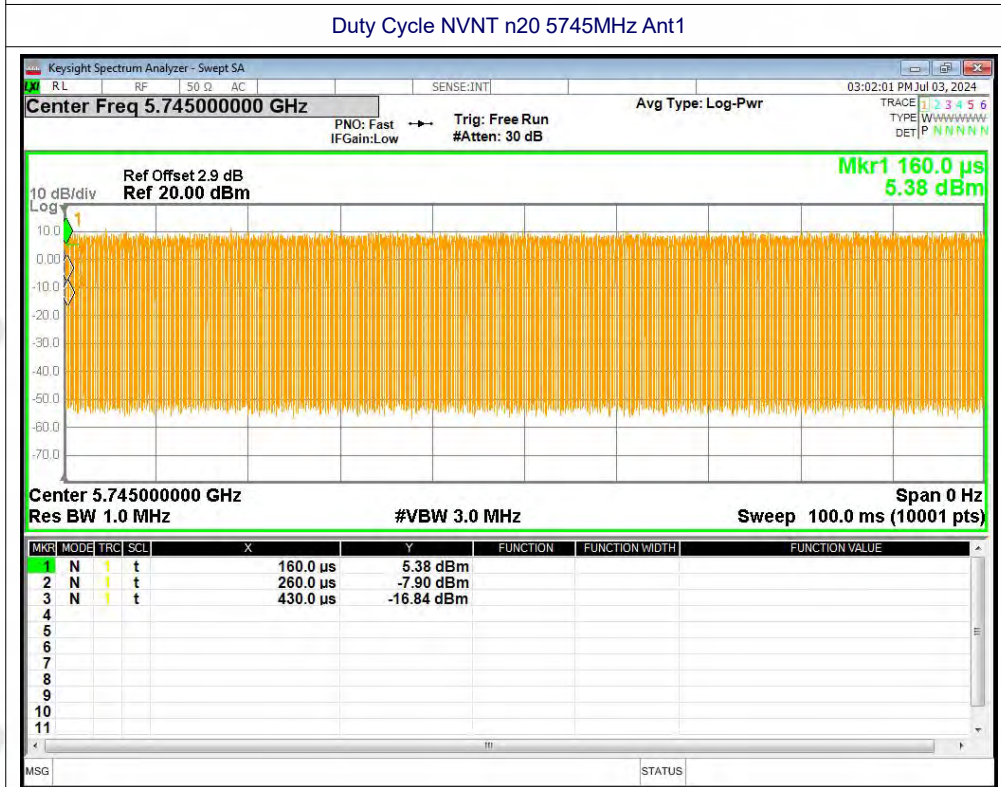
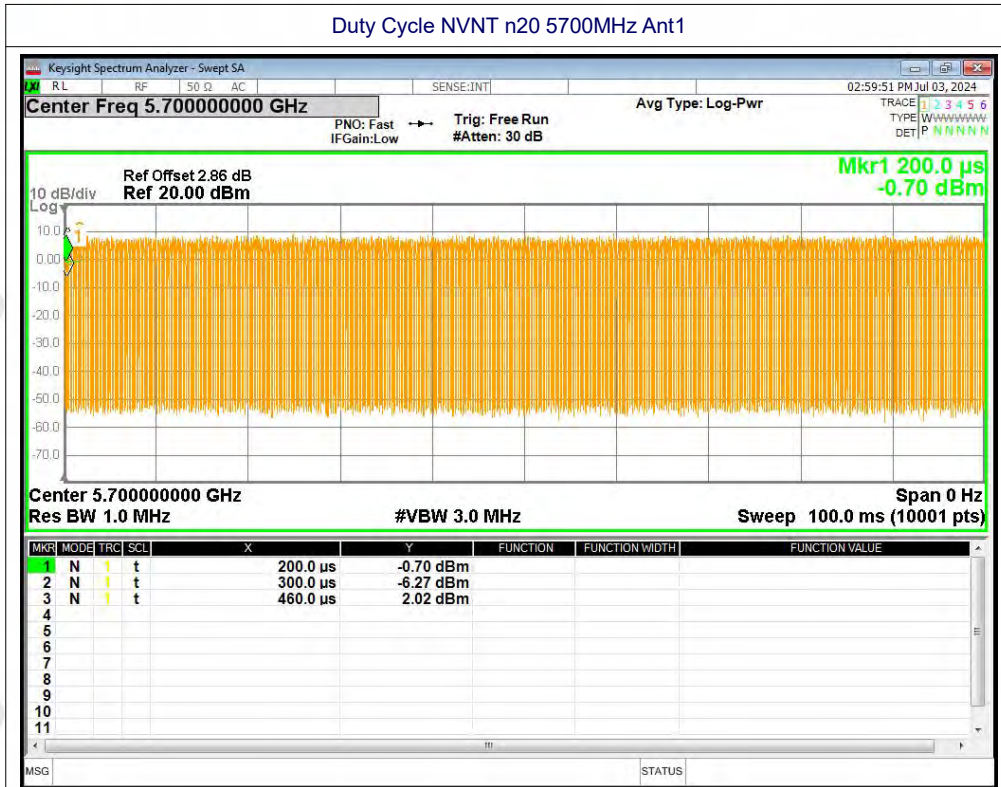


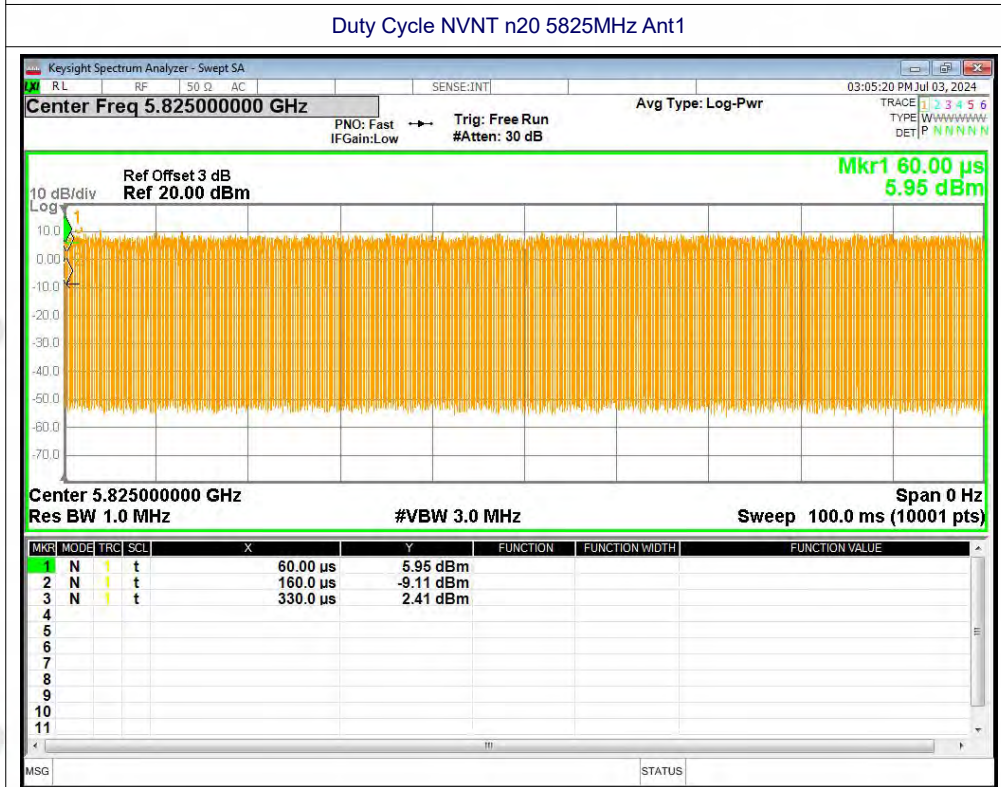
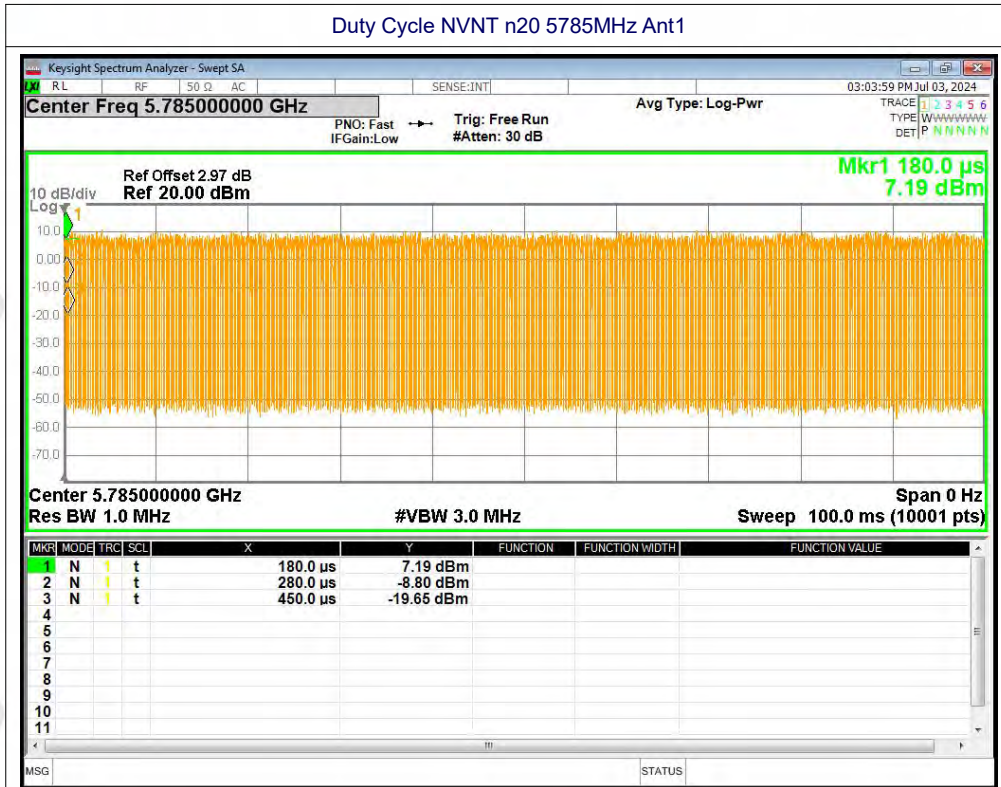
Duty Cycle NVNT n20 5260MHz Ant1

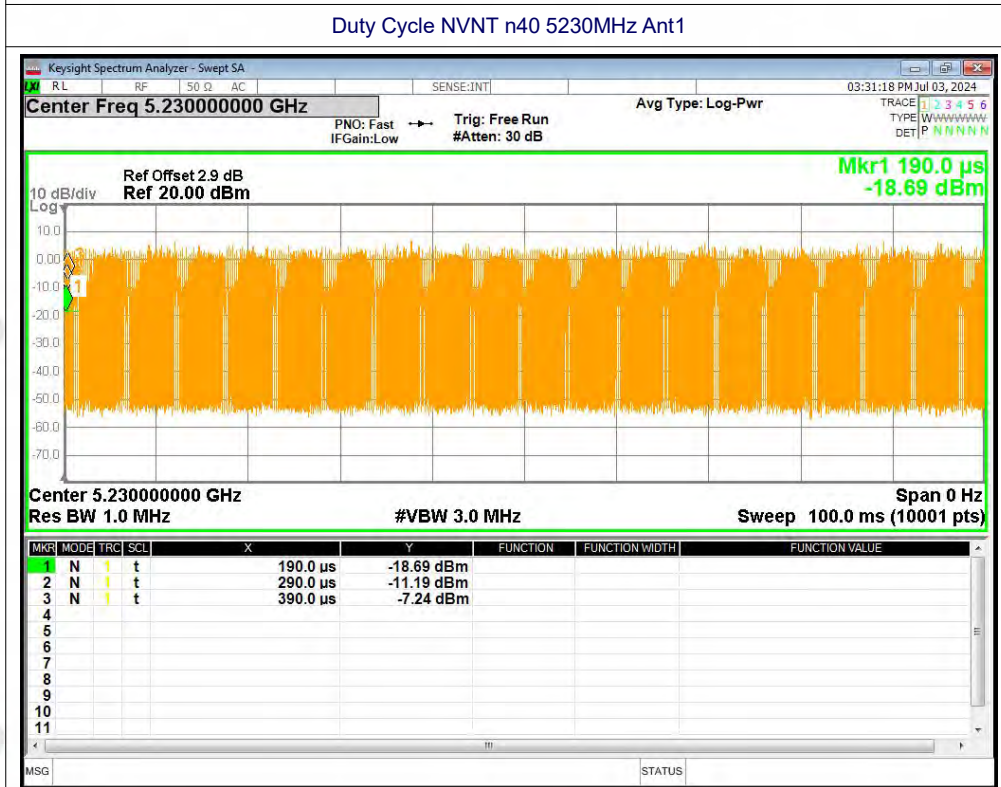
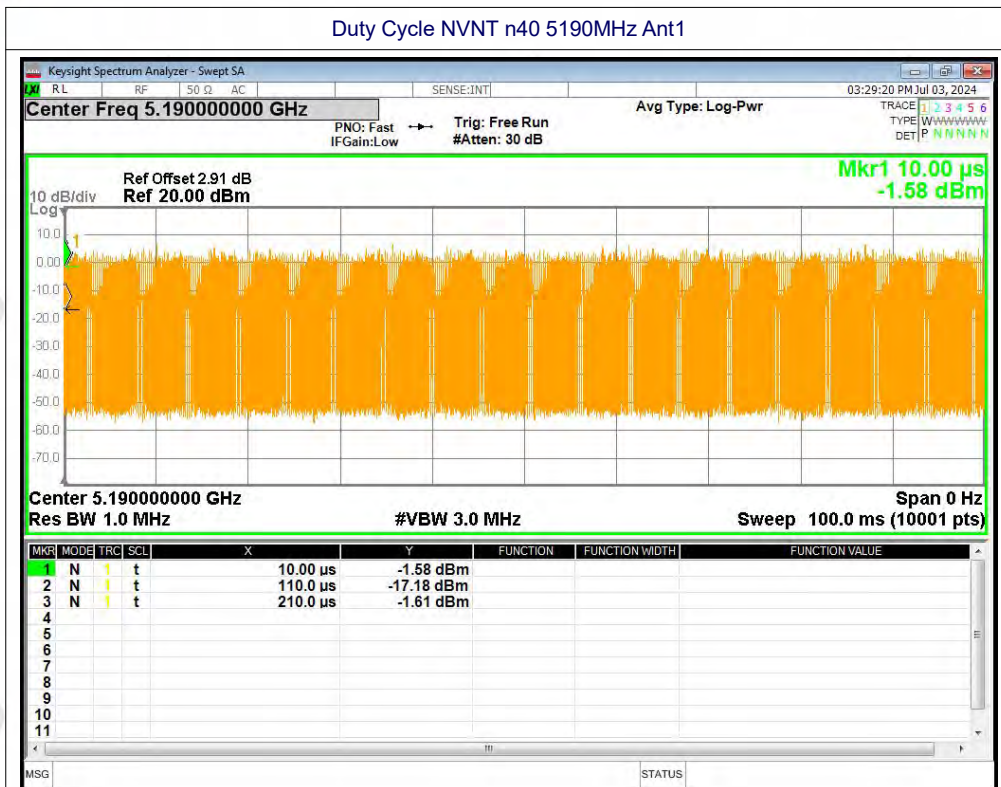


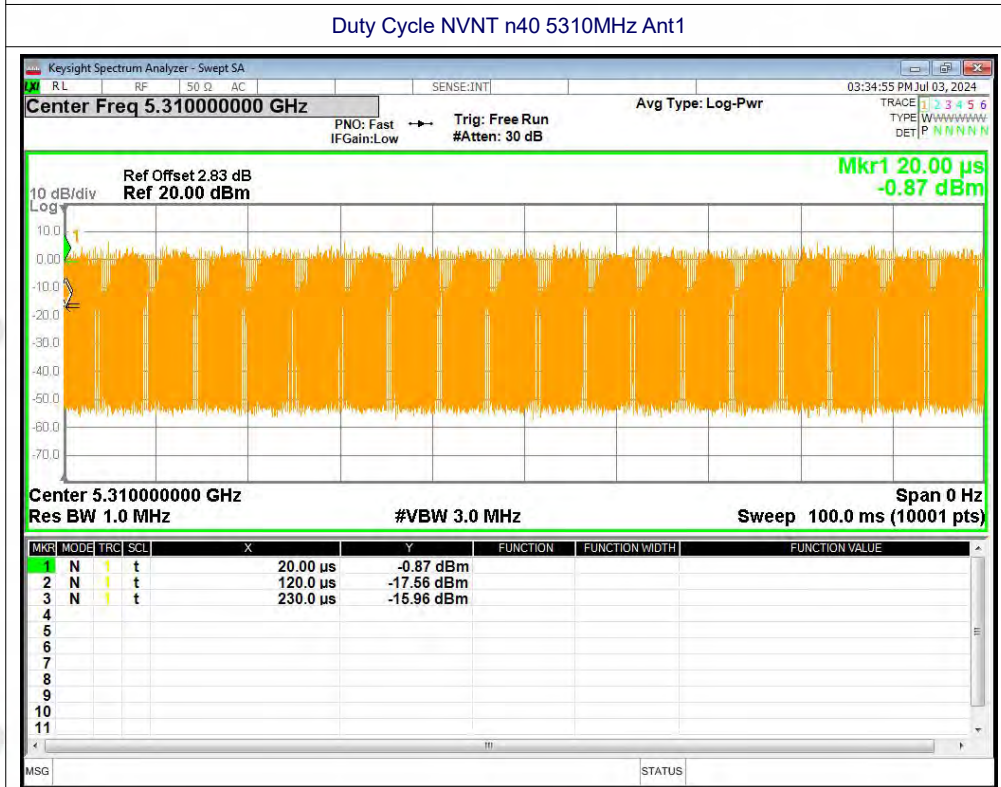
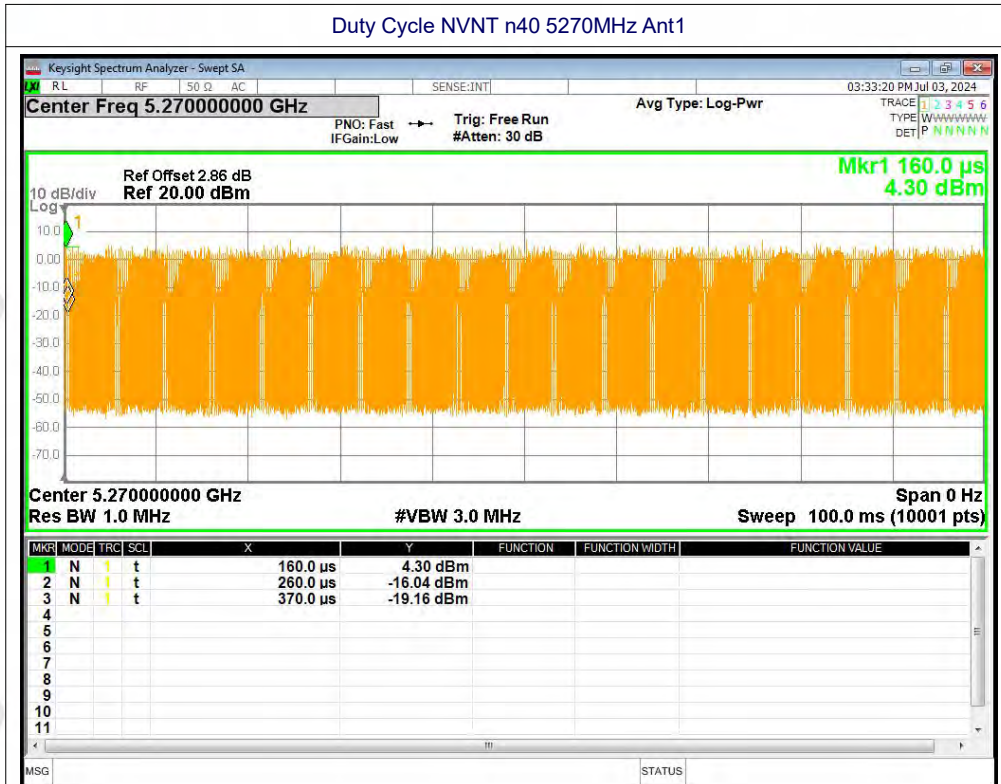


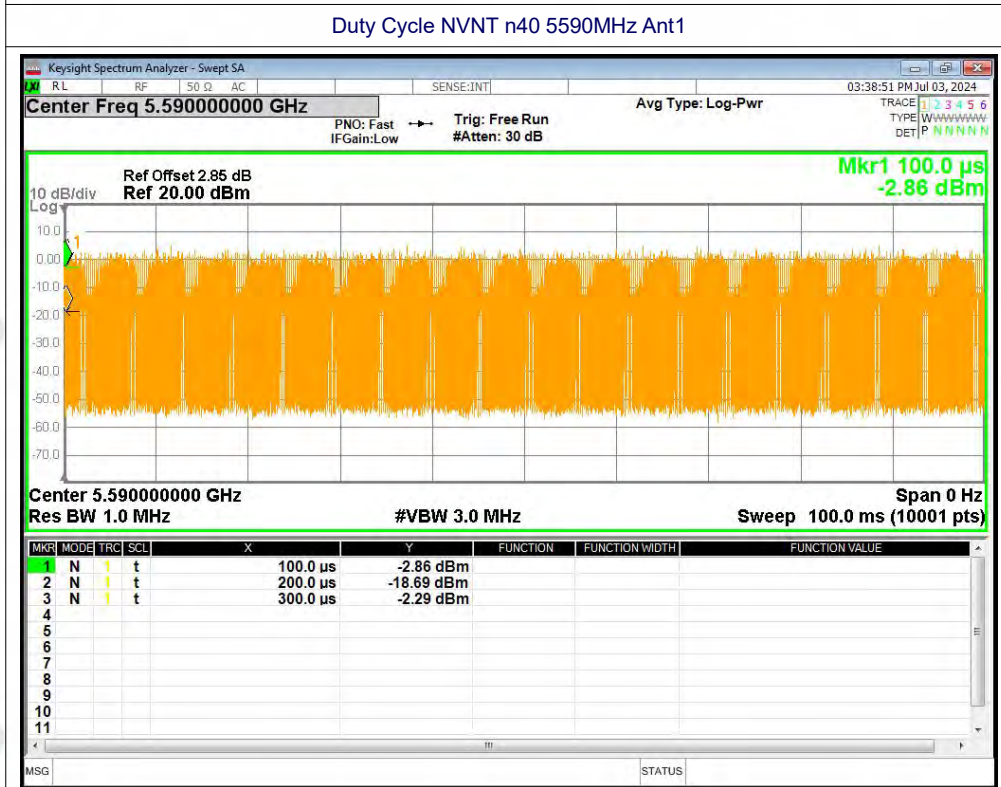
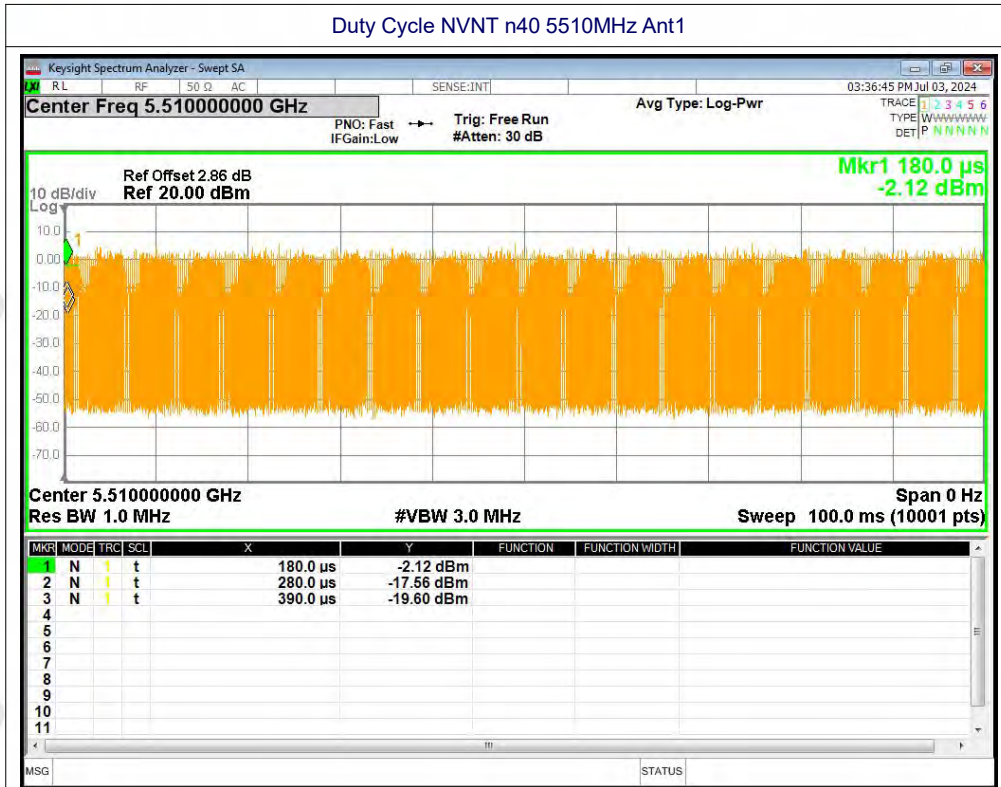


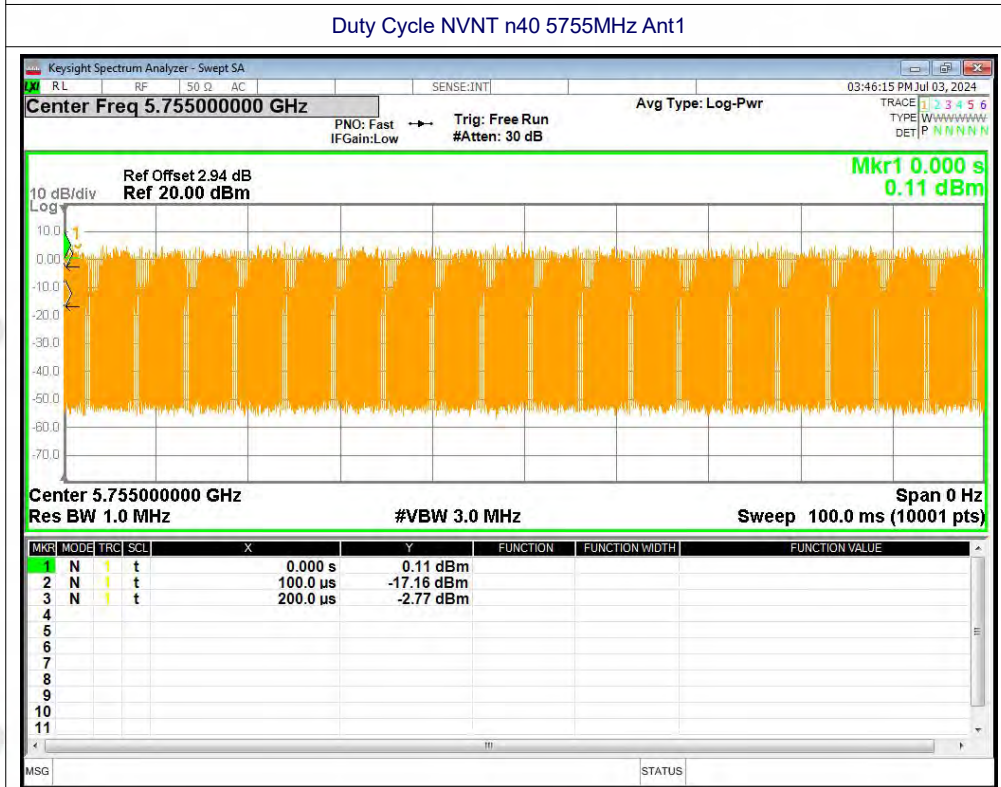
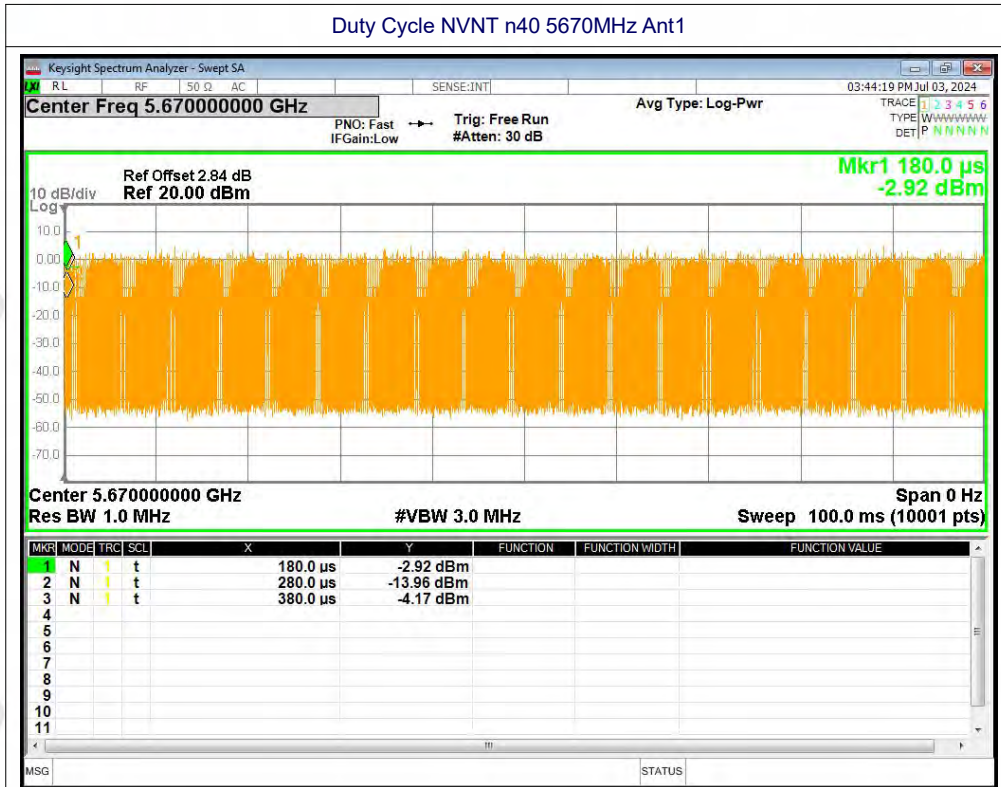


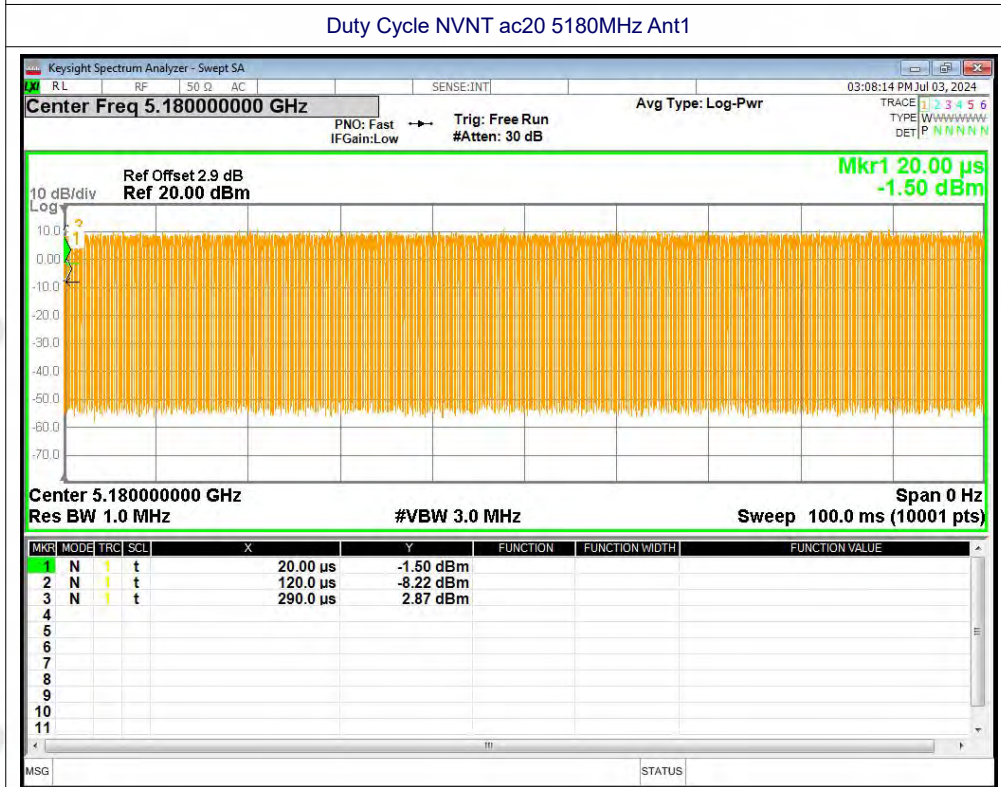
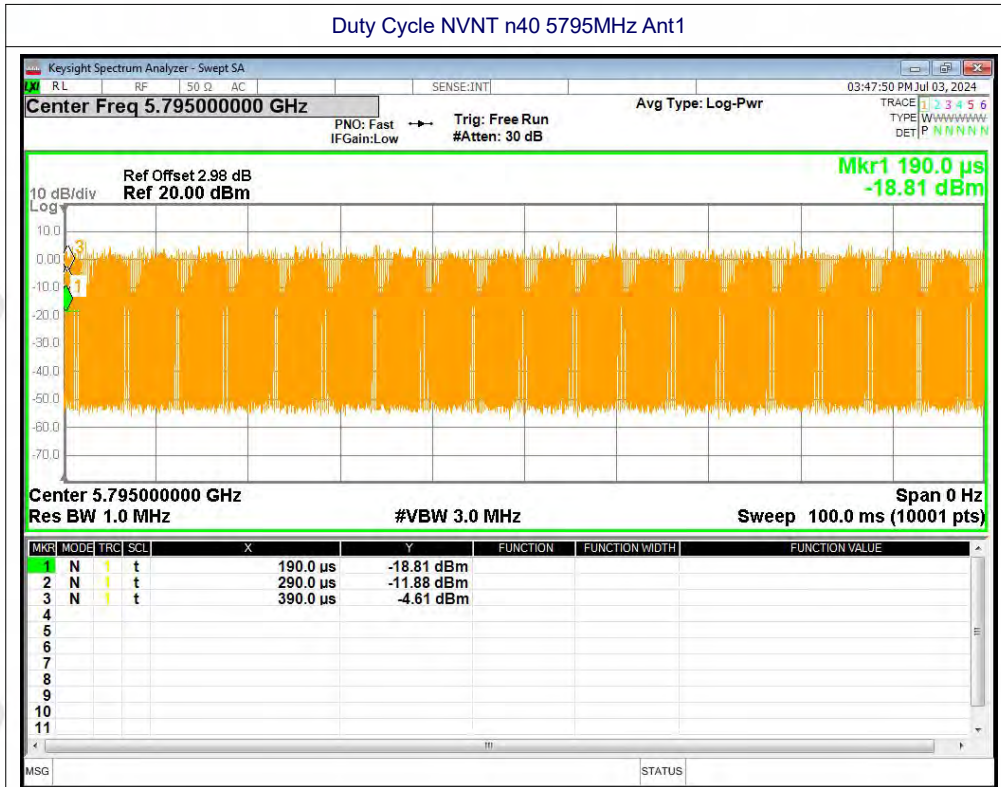


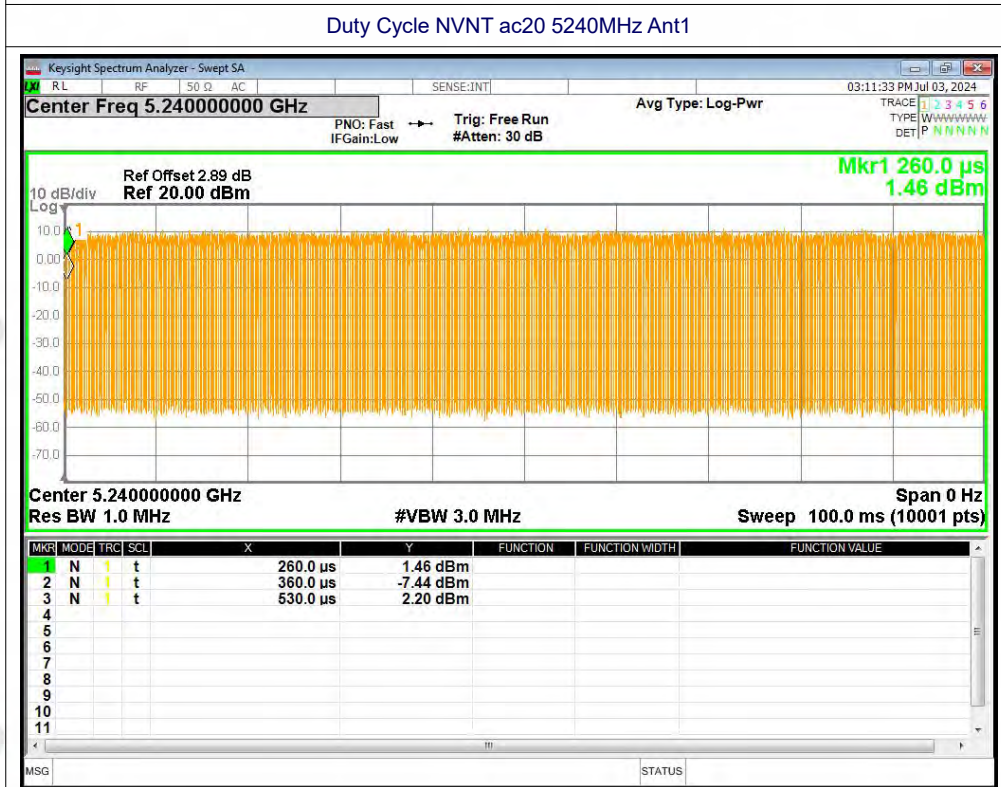
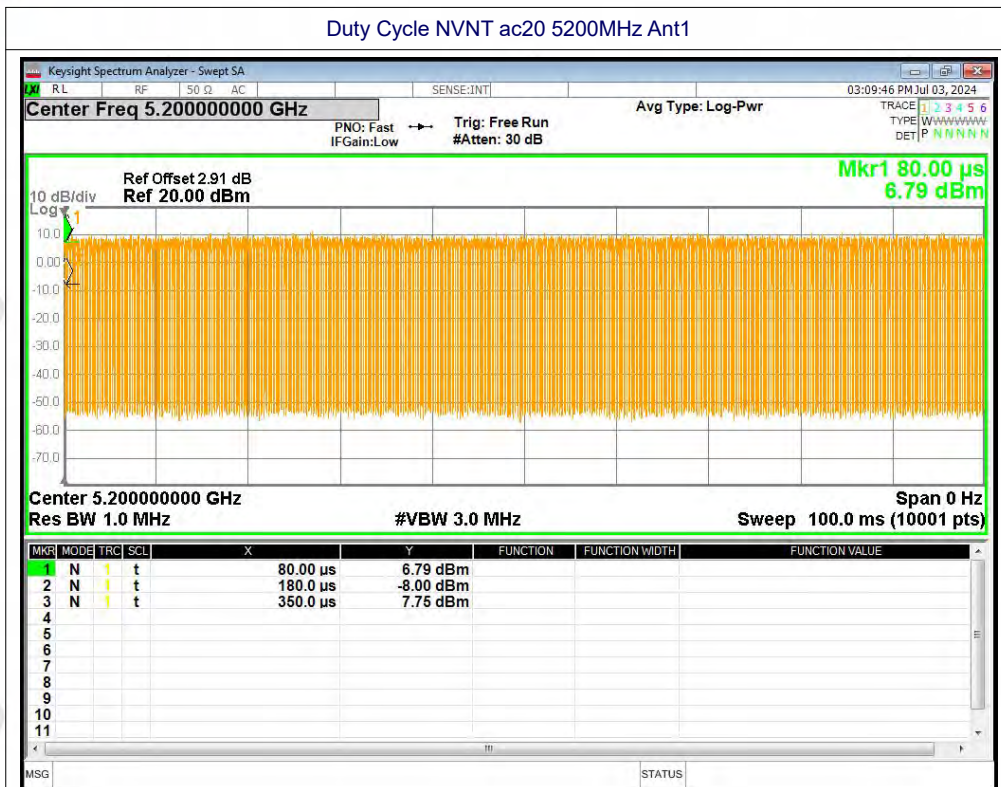


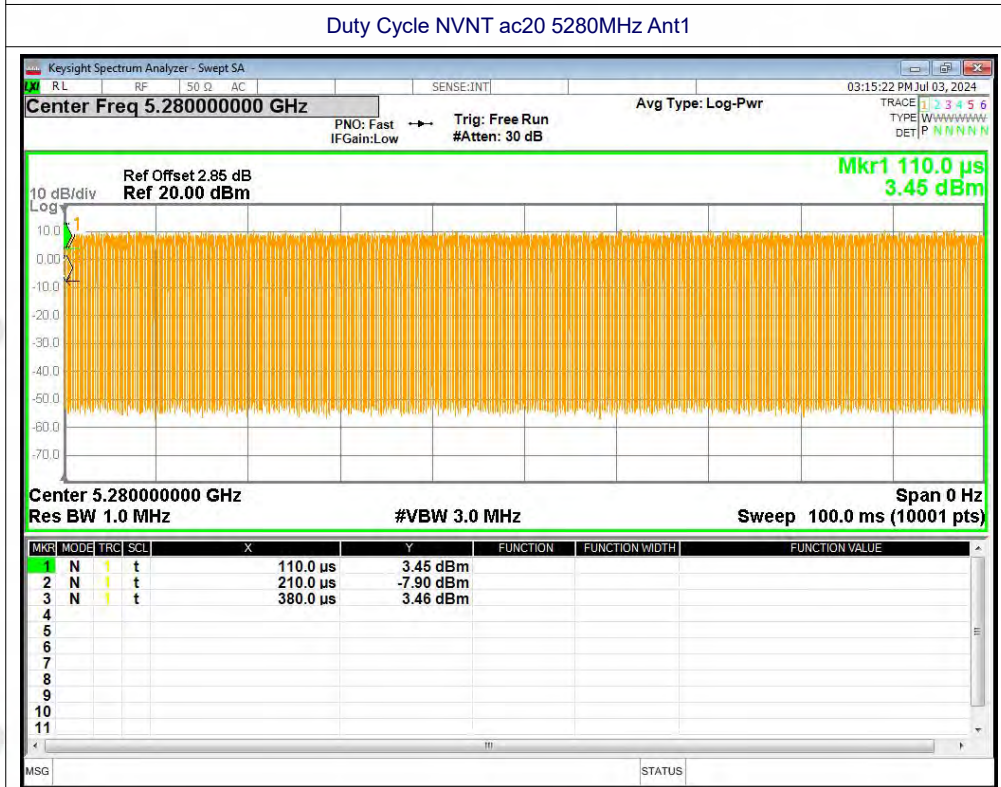
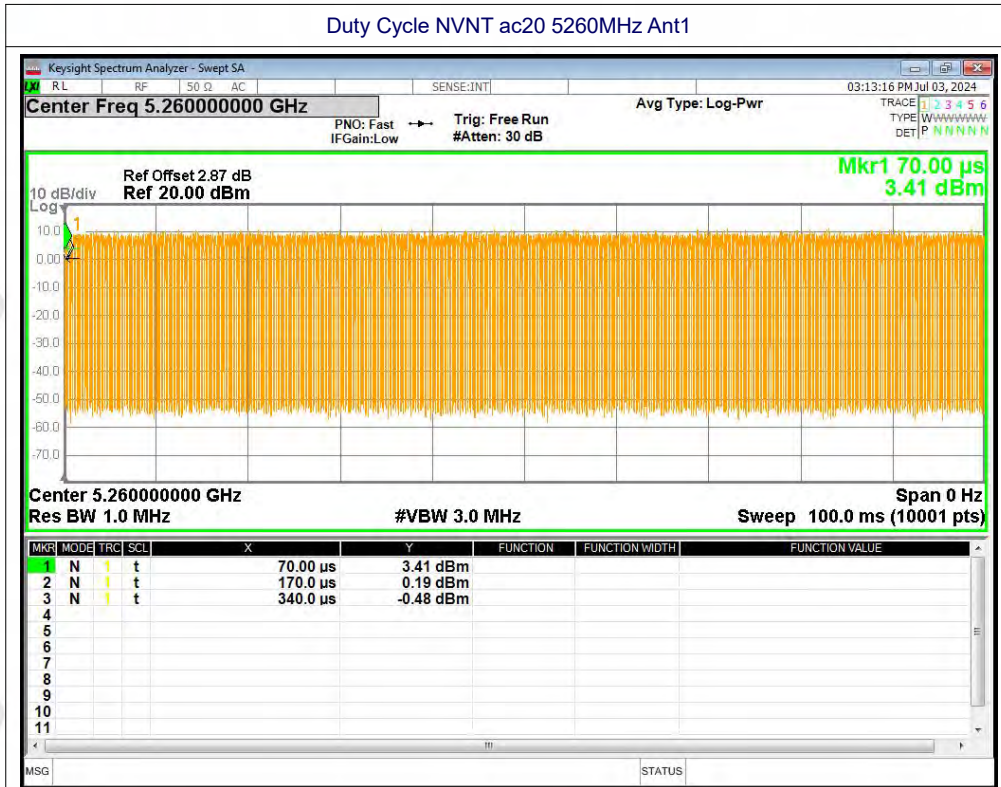


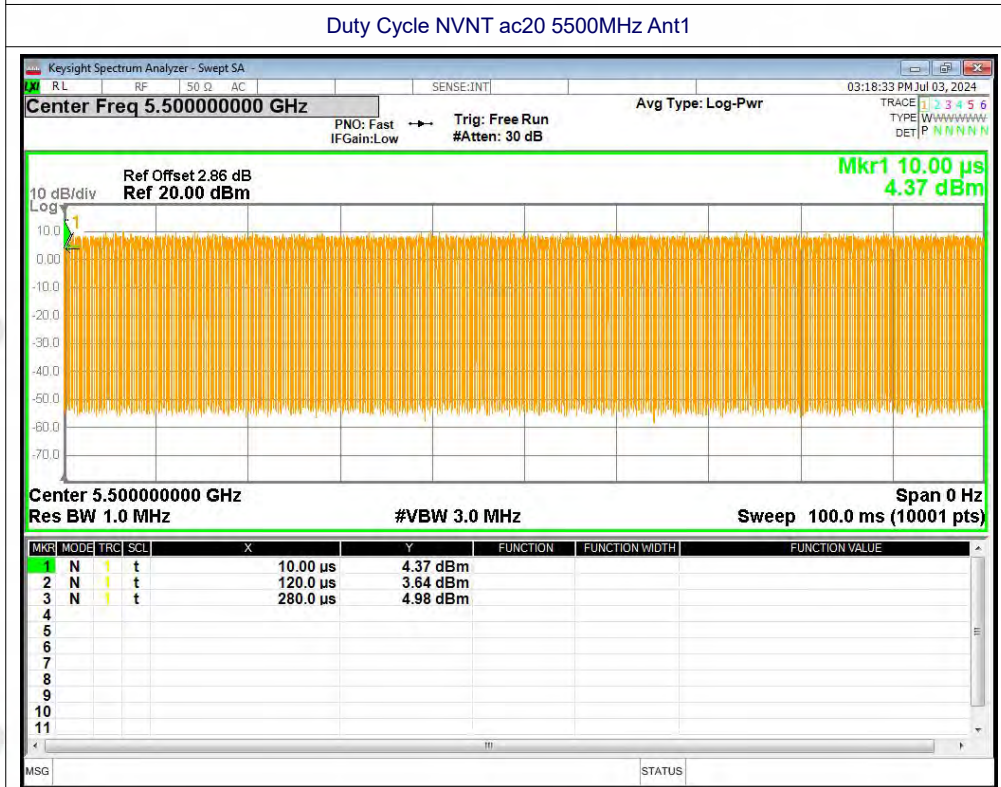
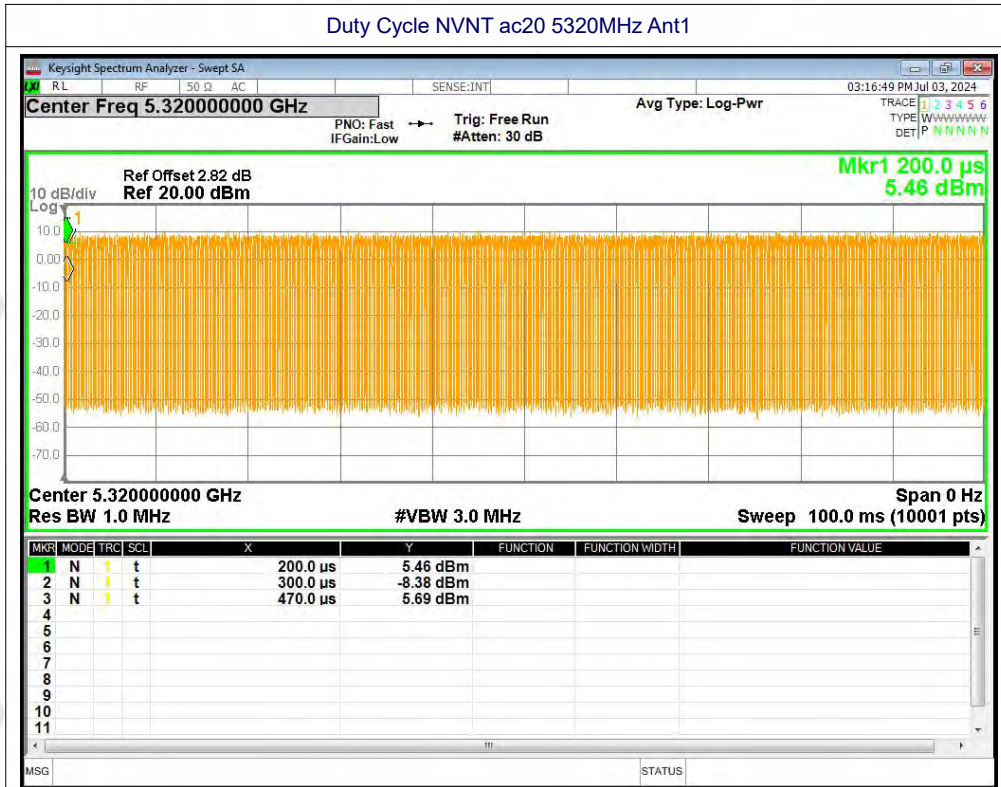


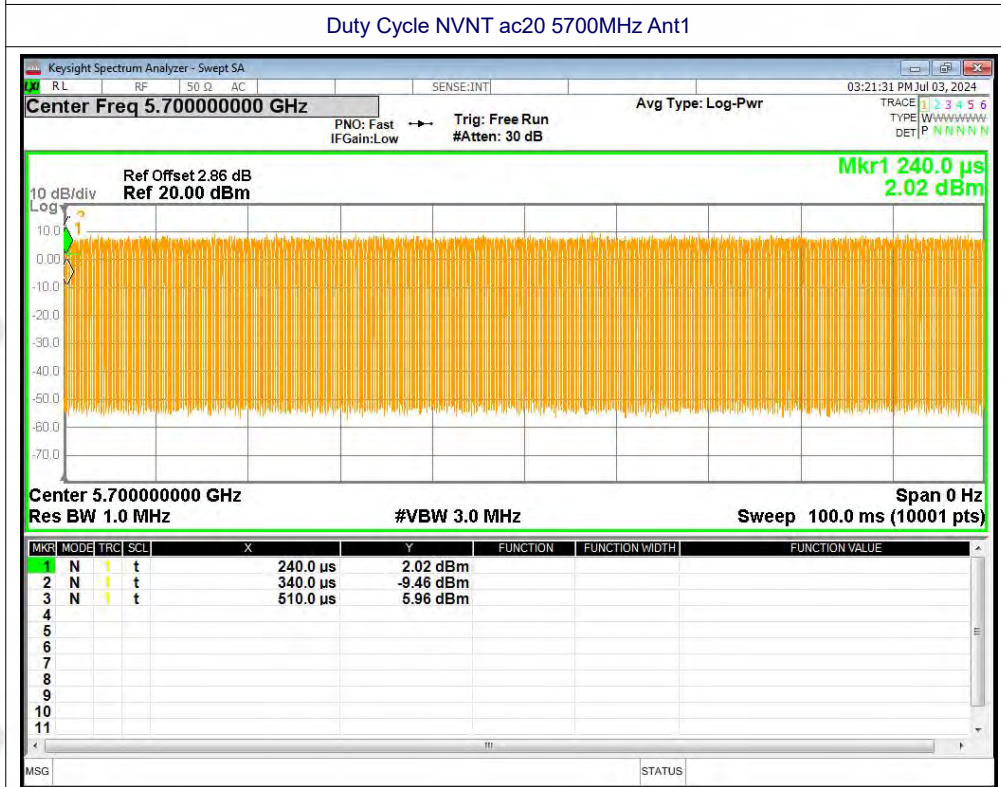
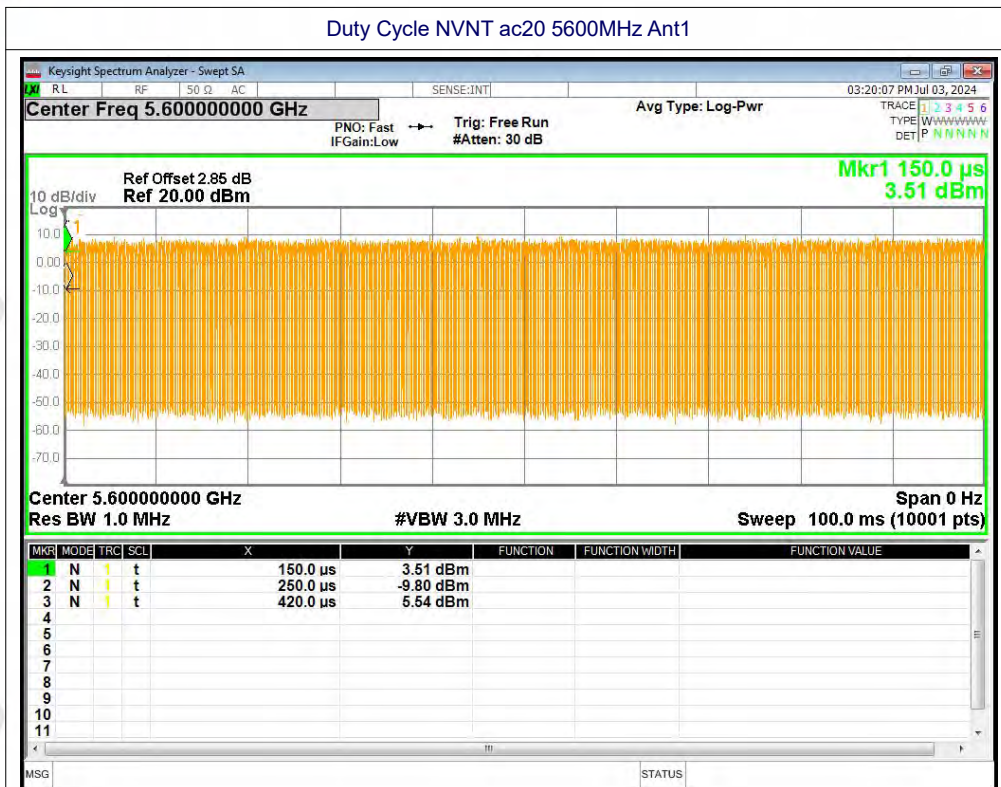




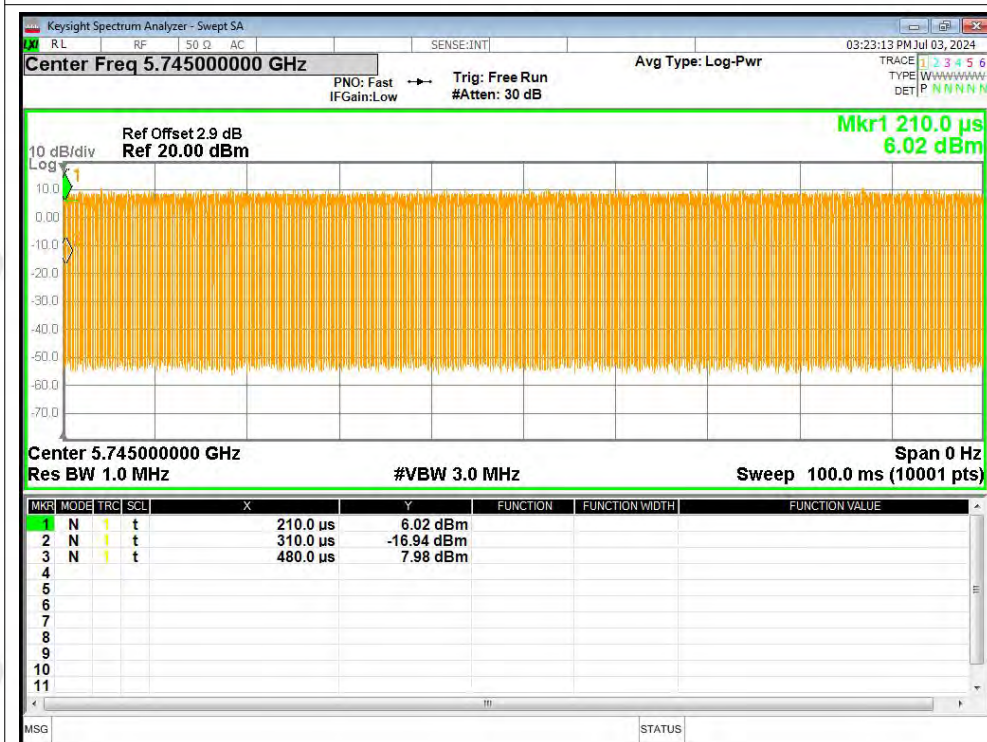




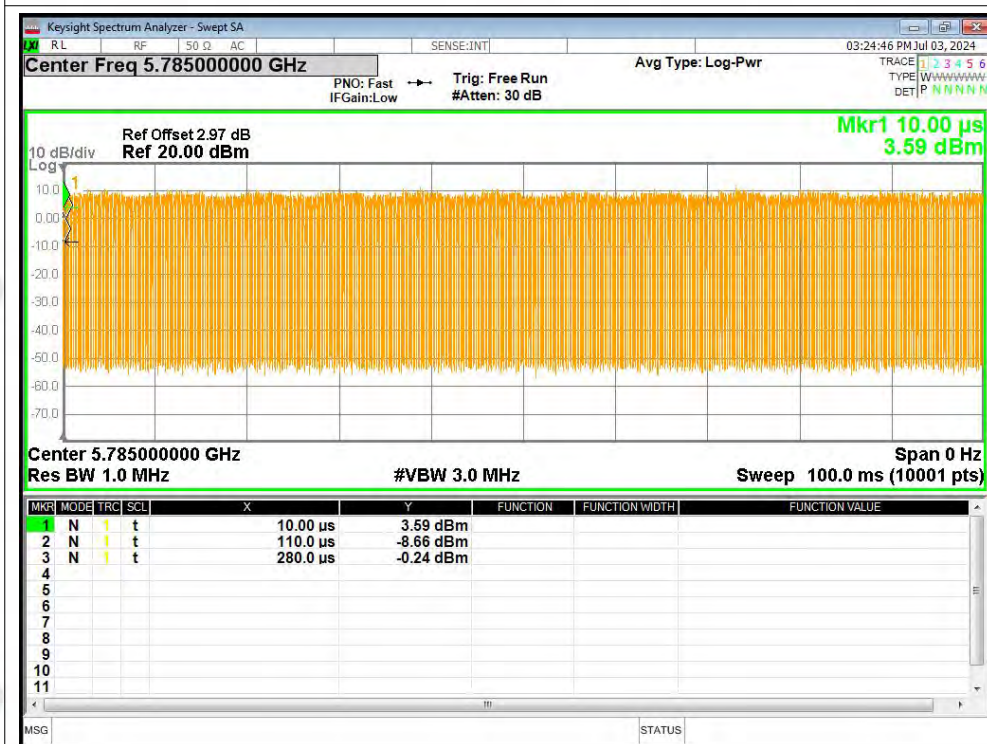


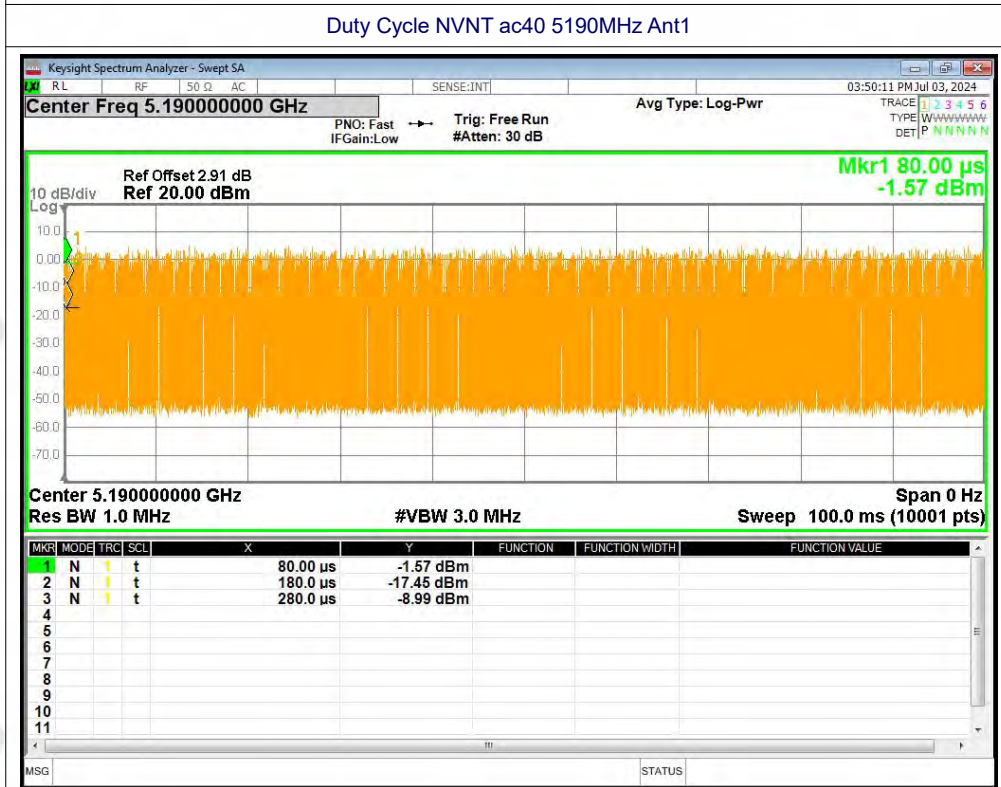
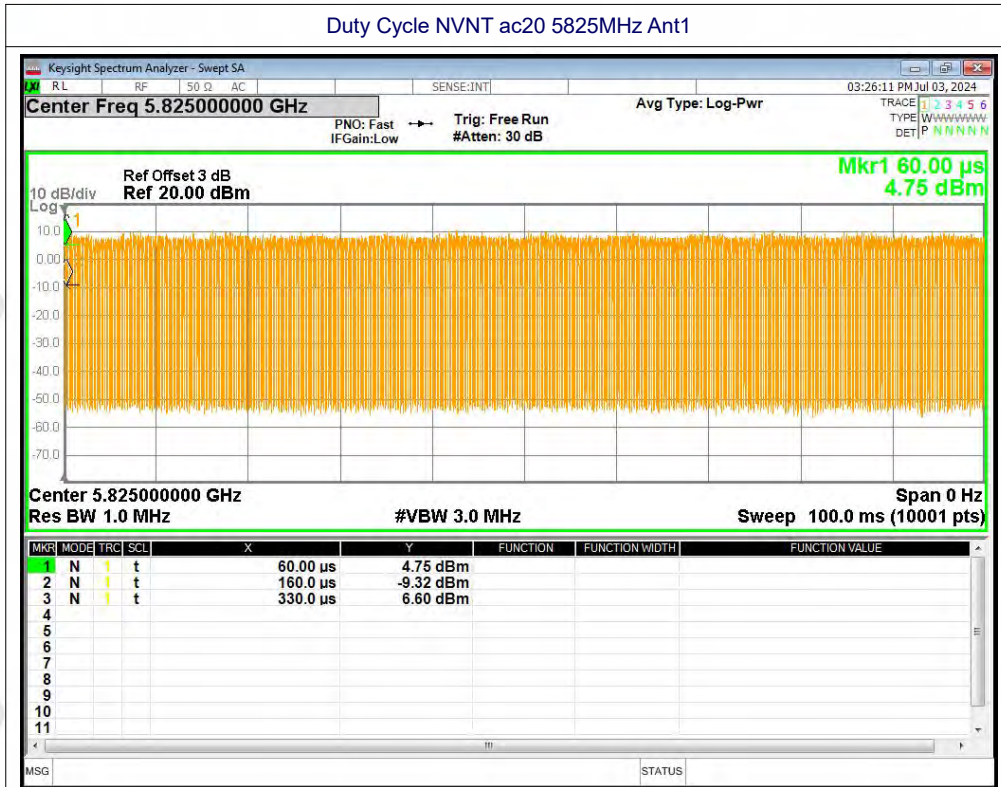


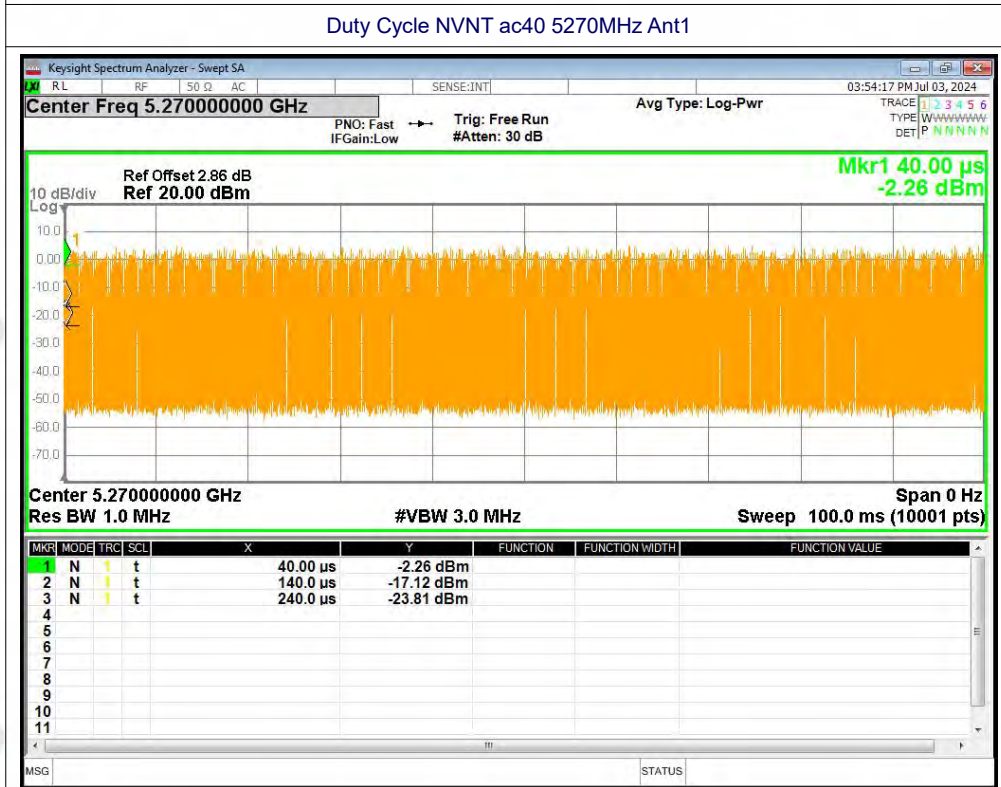
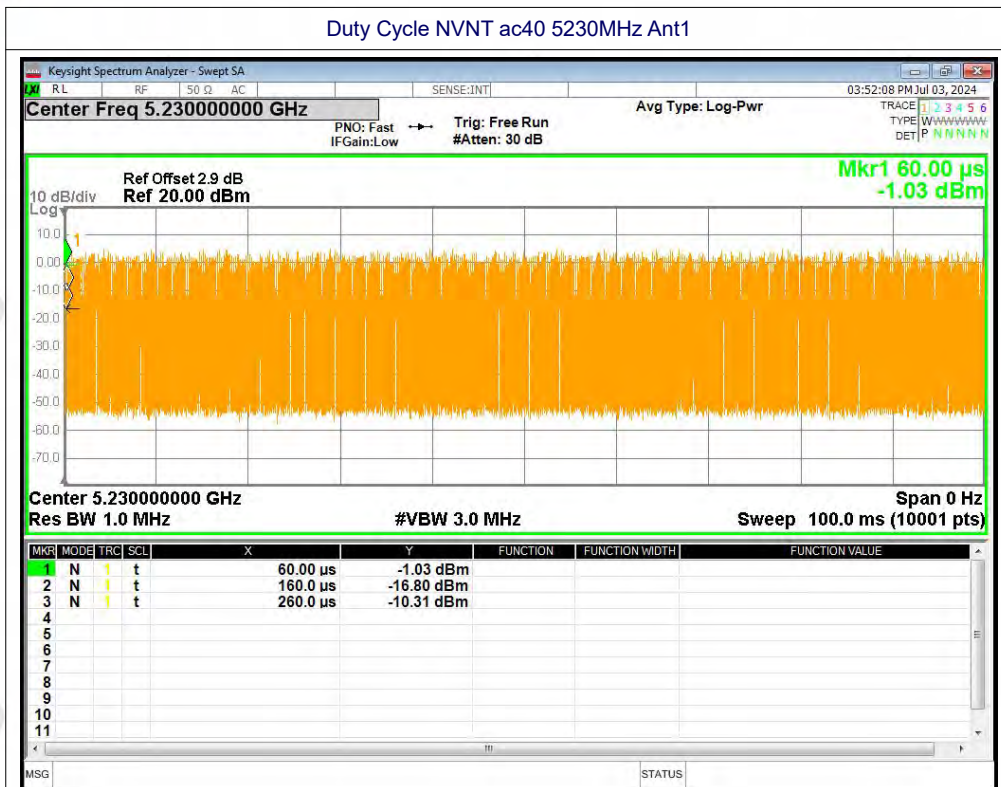
Duty Cycle NVNT ac20 5745MHz Ant1

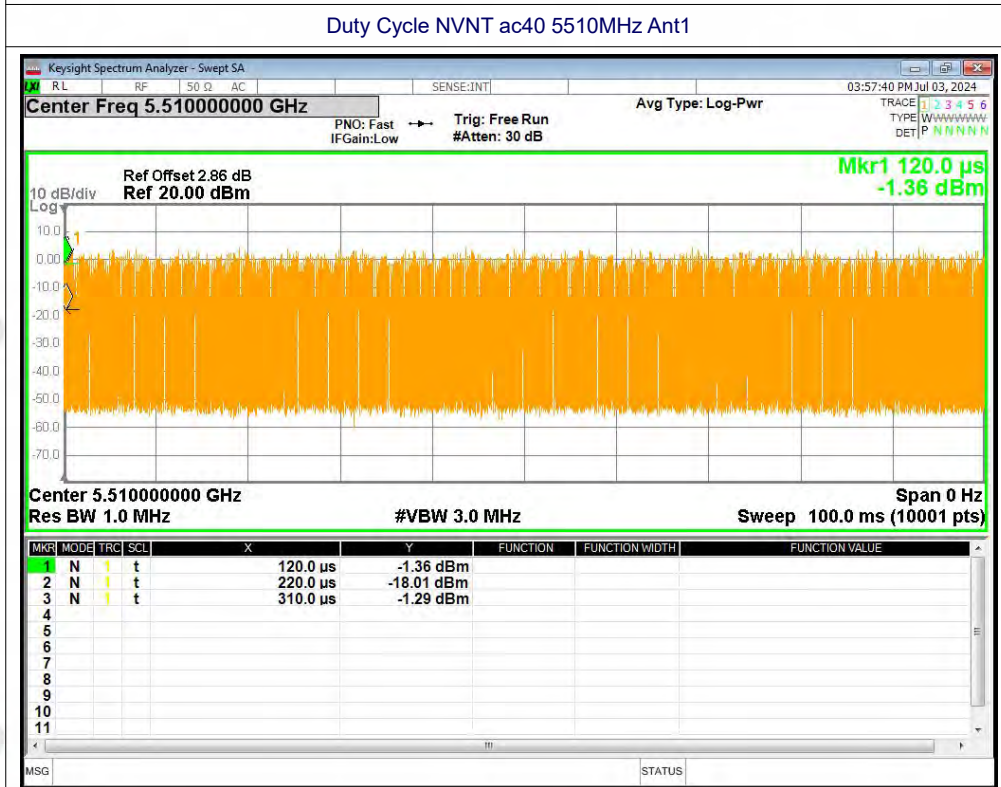
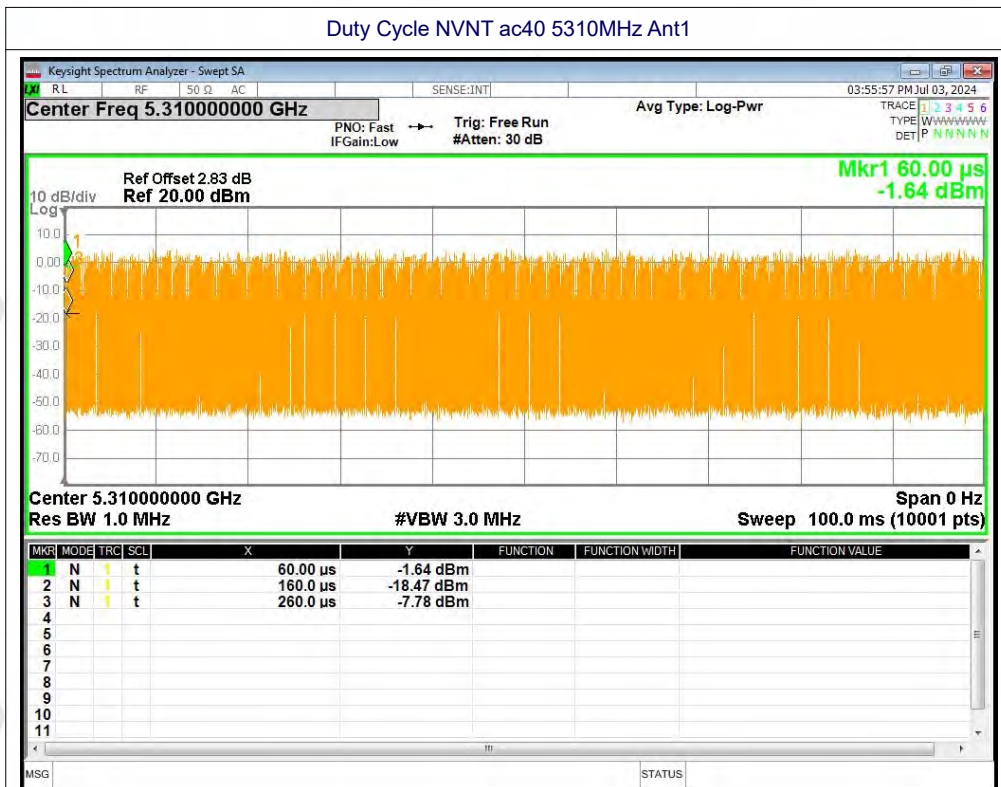


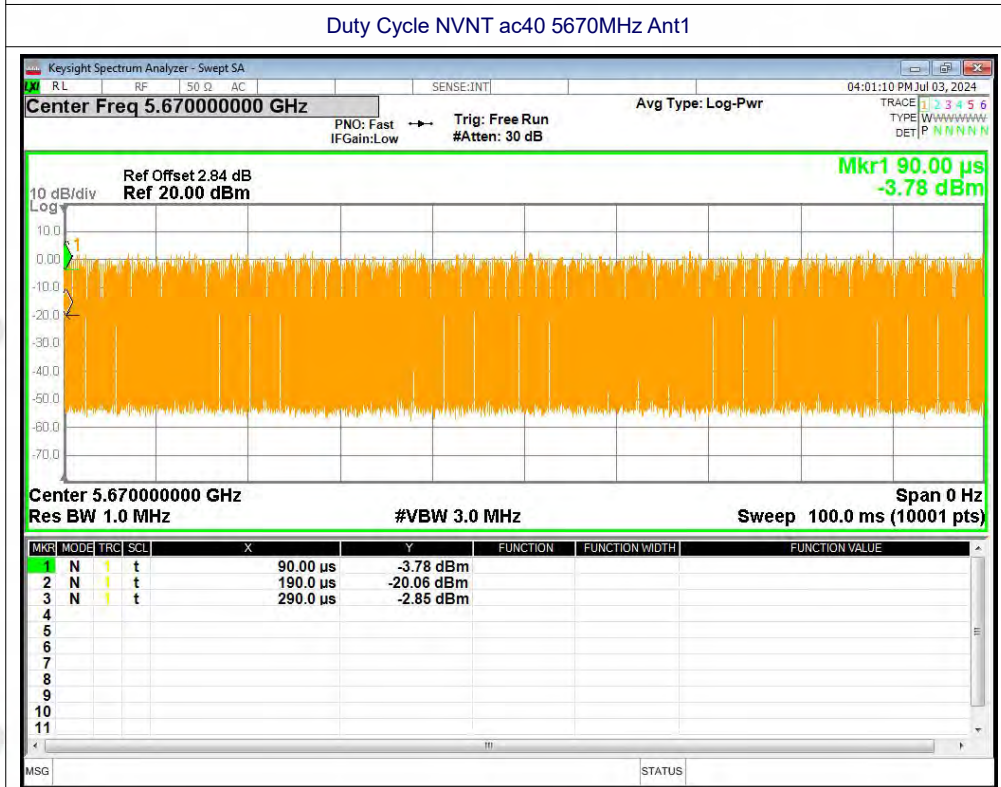
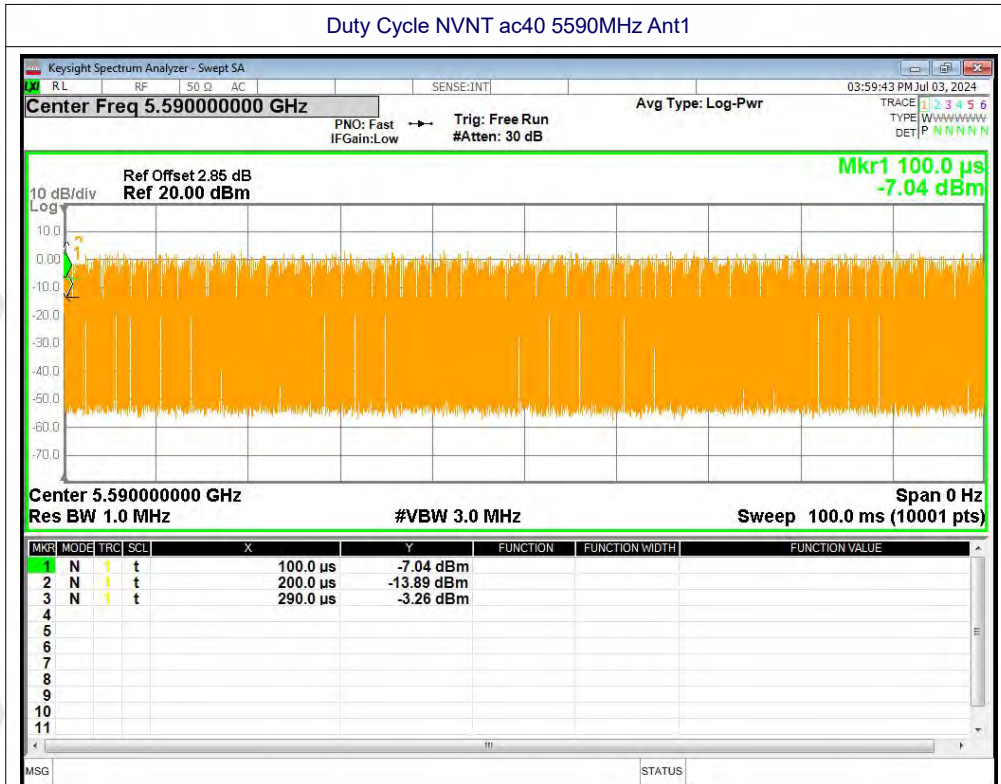
Duty Cycle NVNT ac20 5785MHz Ant1

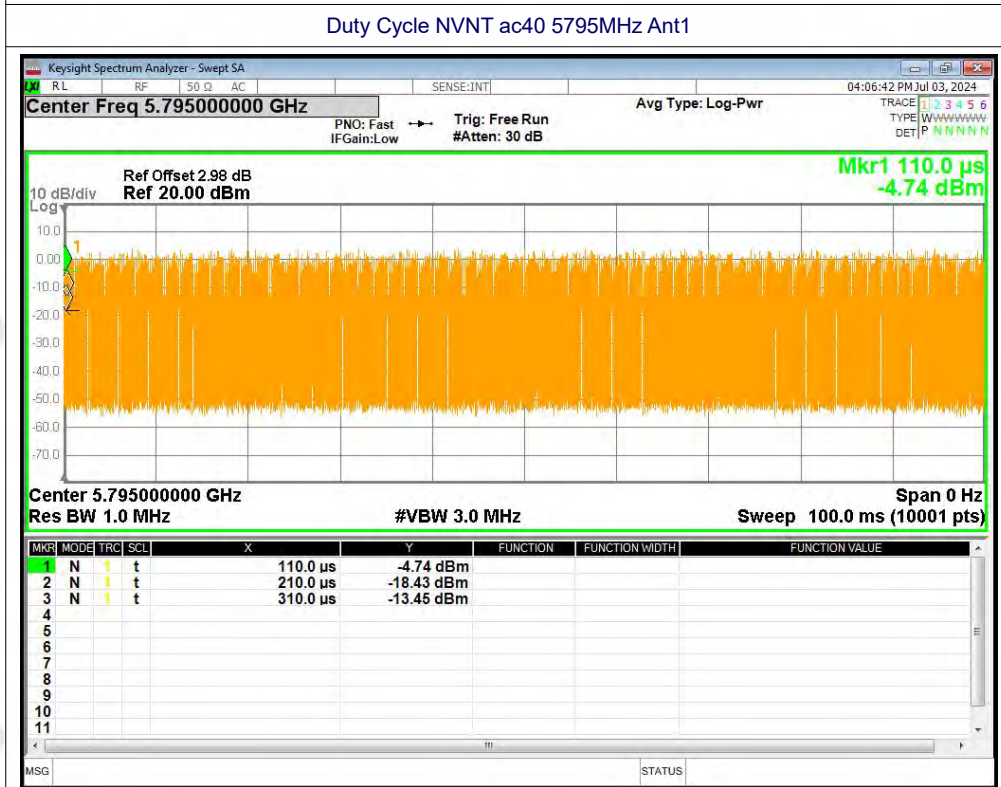
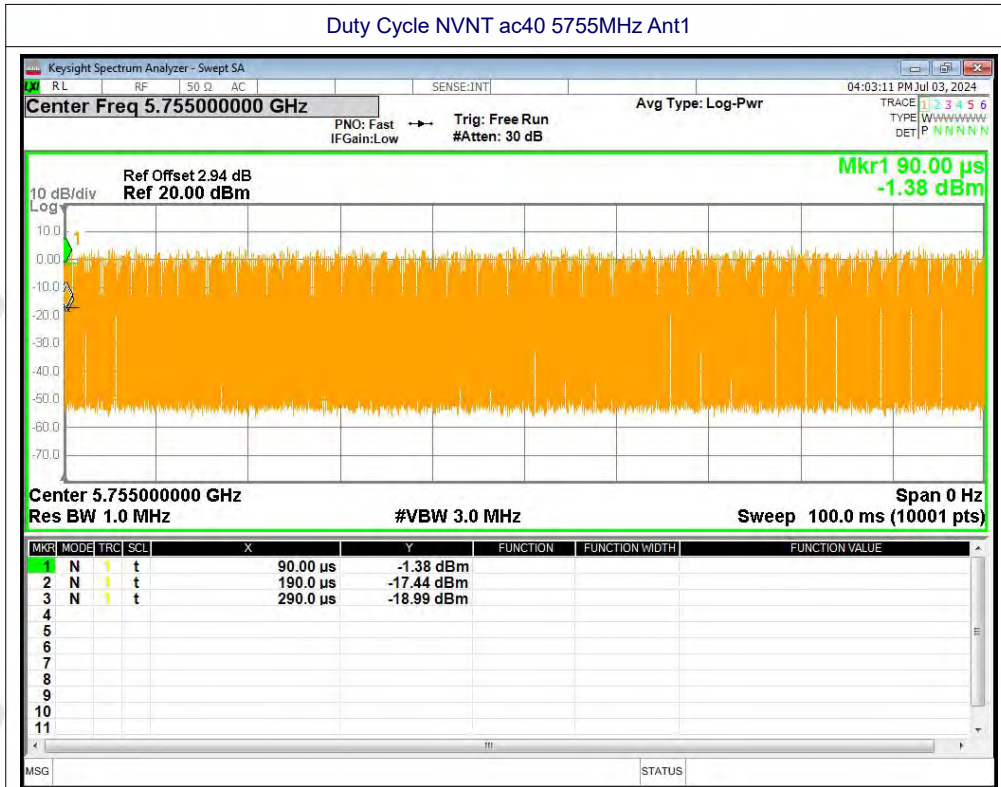


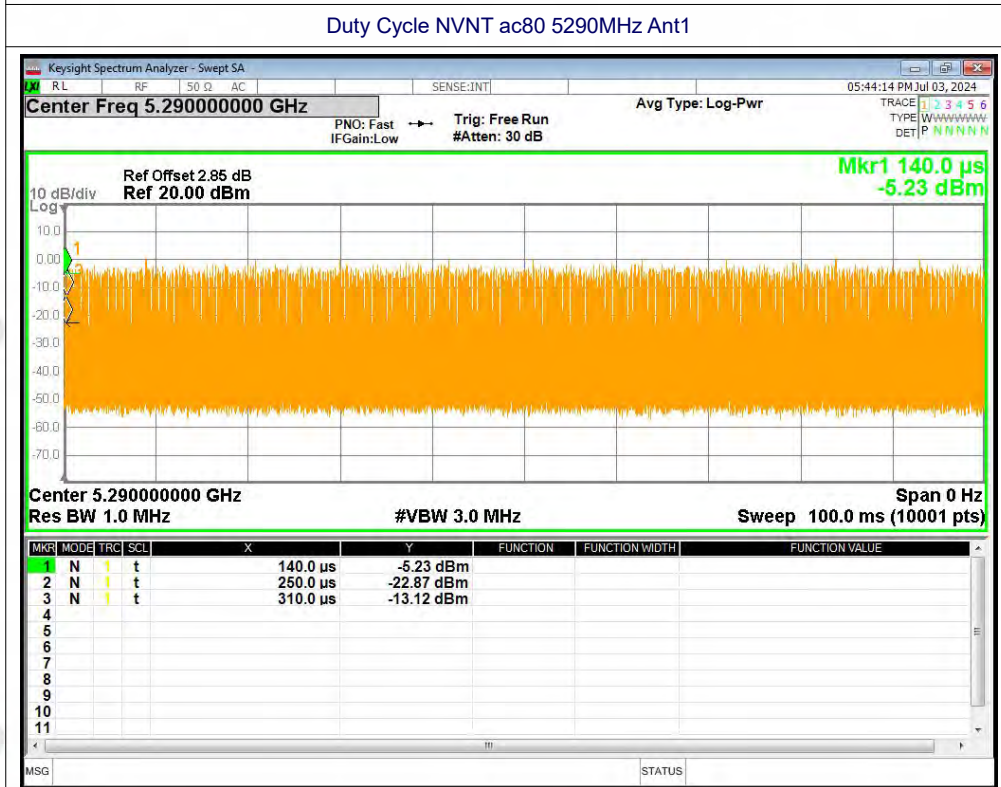
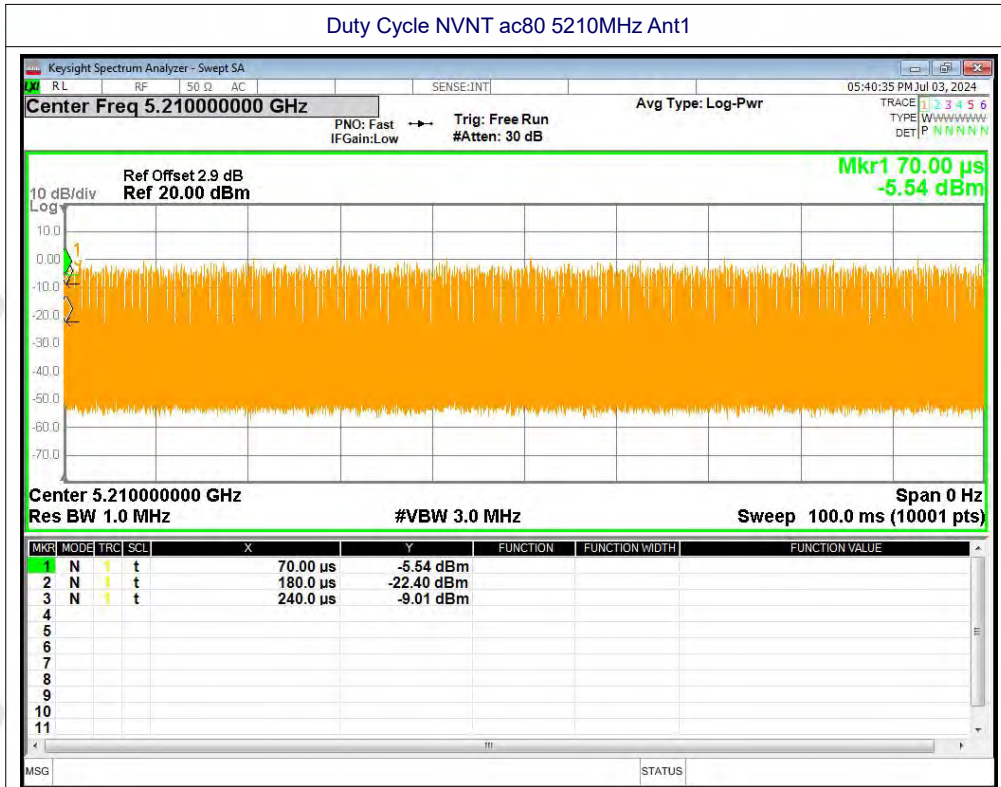


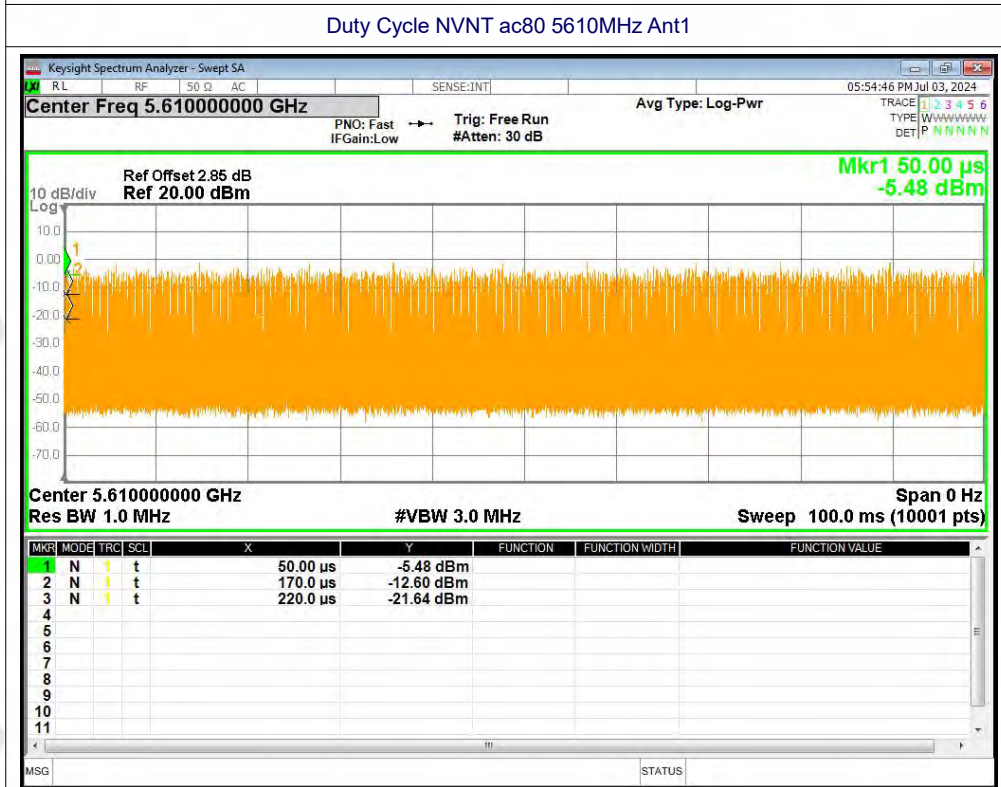
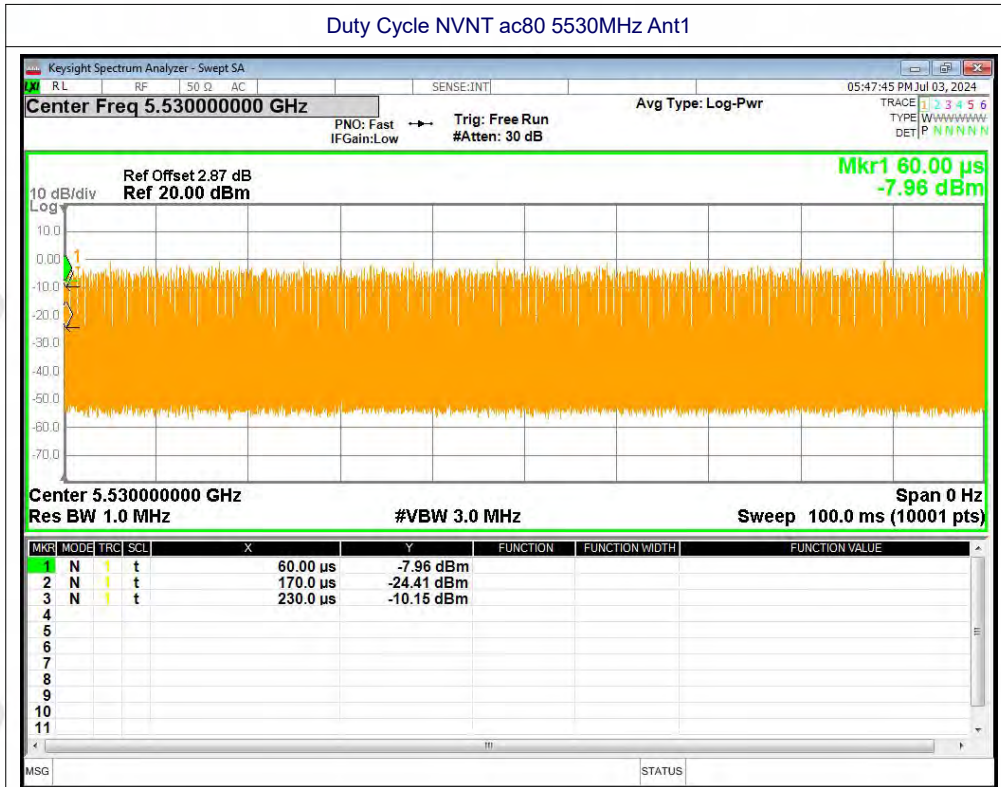


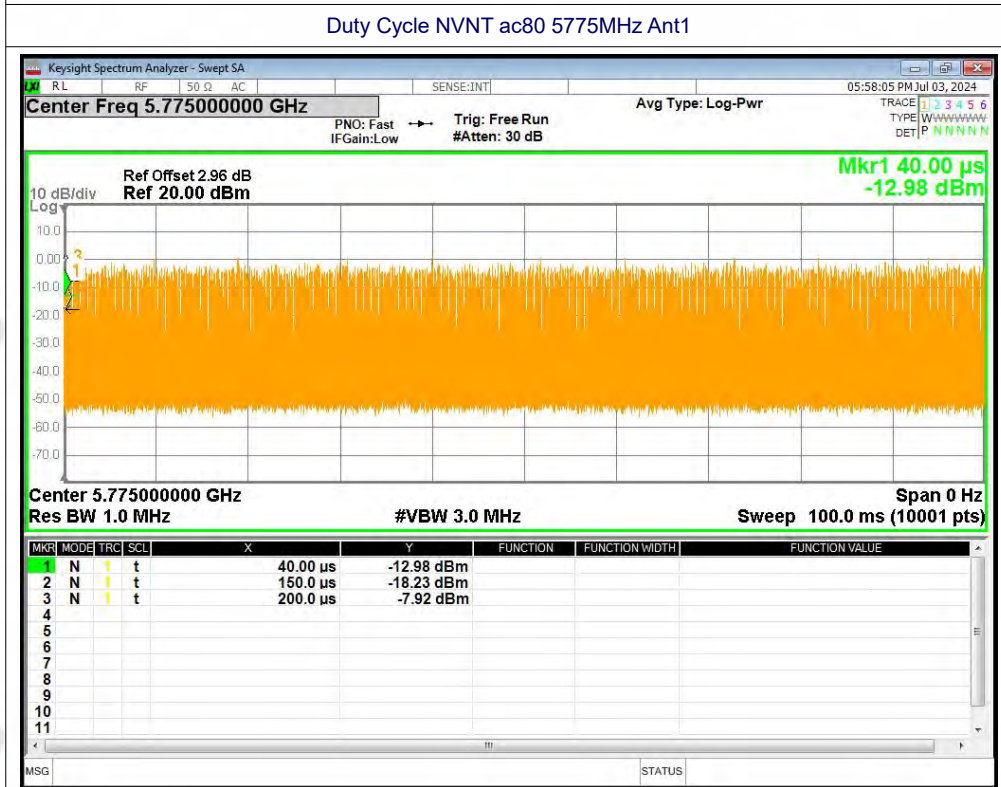
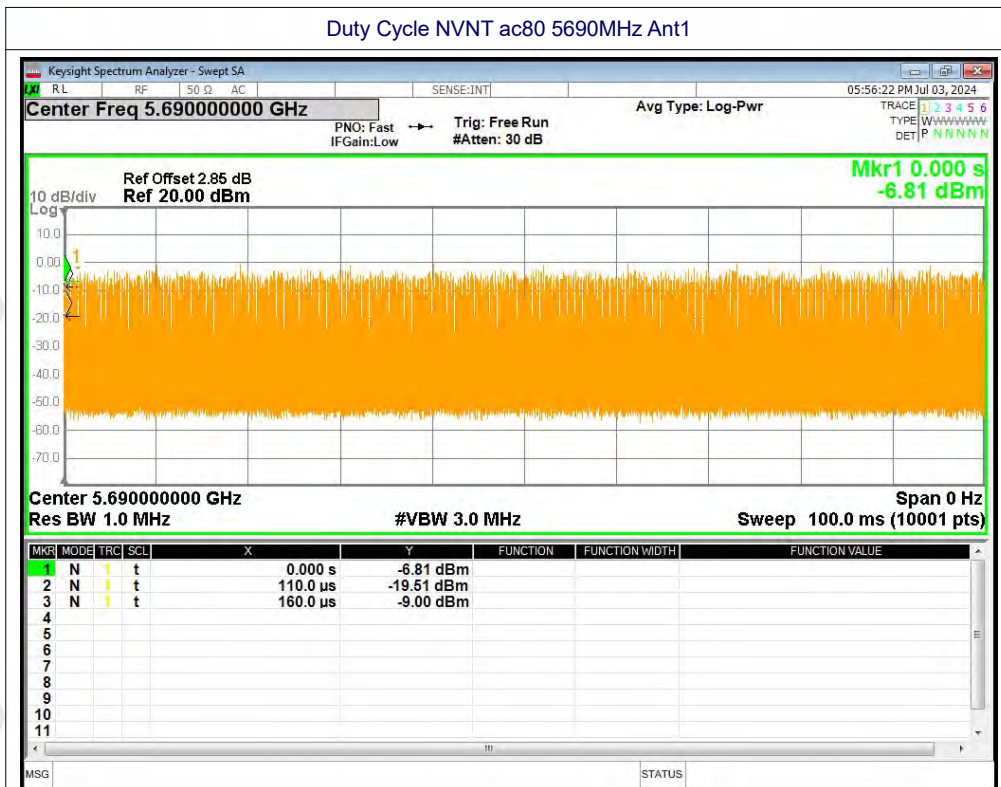














Storage chip 2

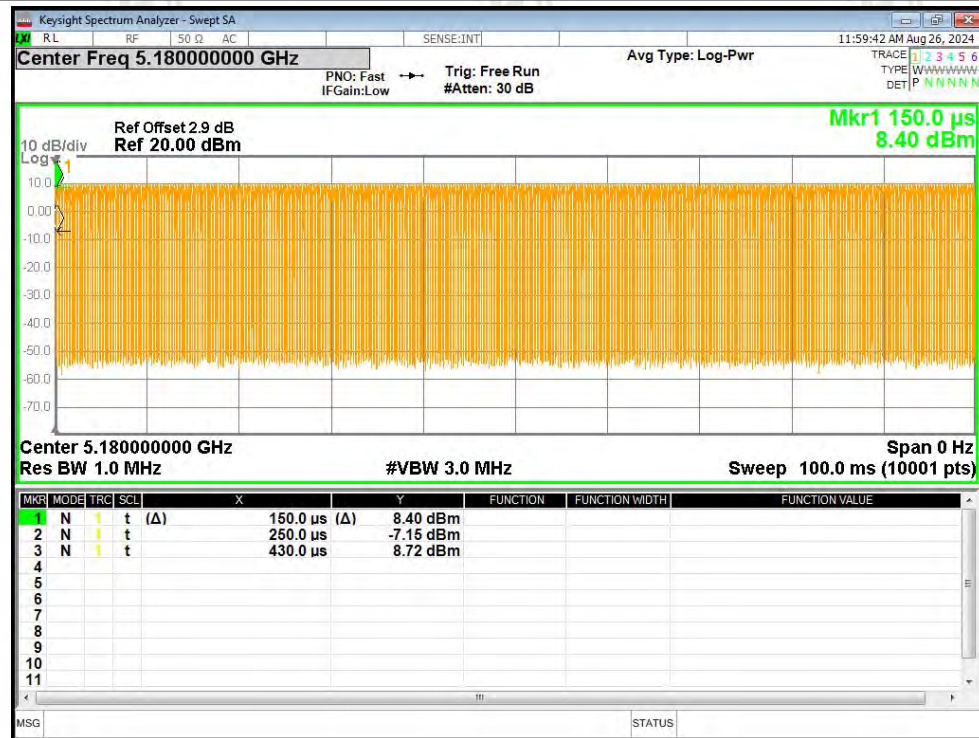
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	64.29	1.92	5.56
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NVNT	n20	5320	Ant1	62.96	2.01	5.88
NVNT	n20	5500	Ant1	61.54	2.11	6.25
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NVNT	n20	5825	Ant1	61.54	2.11	6.25
NVNT	n40	5190	Ant1	52.38	2.81	9.09
NVNT	n40	5230	Ant1	50	3.01	10
NVNT	n40	5270	Ant1	50	3.01	10
NVNT	n40	5310	Ant1	50	3.01	10
NVNT	n40	5510	Ant1	50	3.01	10
NVNT	n40	5590	Ant1	50	3.01	10
NVNT	n40	5670	Ant1	50	3.01	10
NVNT	n40	5755	Ant1	50	3.01	10
NVNT	n40	5795	Ant1	50	3.01	10
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NVNT	ac20	5200	Ant1	62.96	2.01	5.88
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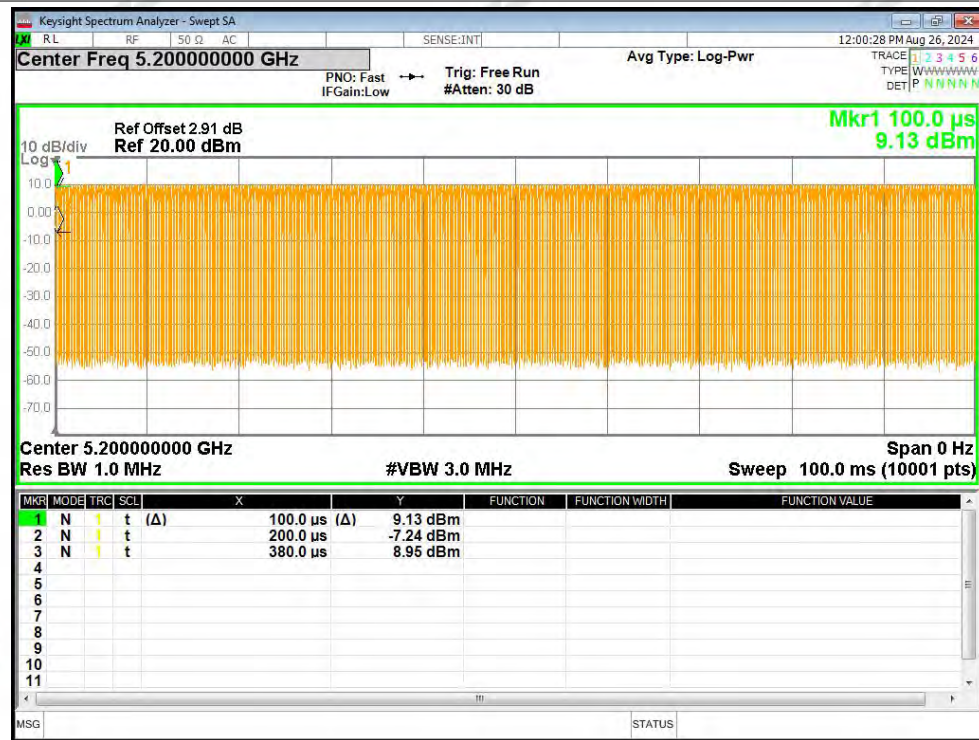
NVNT	ac20	5745	Ant1	61.54	2.11	6.25
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NVNT	ac20	5825	Ant1	62.96	2.01	5.88
NVNT	ac40	5190	Ant1	50	3.01	10
NVNT	ac40	5230	Ant1	47.37	3.24	11.11
NVNT	ac40	5270	Ant1	47.37	3.24	11.11
NVNT	ac40	5310	Ant1	47.37	3.24	11.11
NVNT	ac40	5510	Ant1	47.37	3.24	11.11
NVNT	ac40	5590	Ant1	47.37	3.24	11.11
NVNT	ac40	5670	Ant1	50	3.01	10
NVNT	ac40	5755	Ant1	50	3.01	10
NVNT	ac40	5795	Ant1	47.37	3.24	11.11
NVNT	ac80	5210	Ant1	37.5	4.26	16.67
NVNT	ac80	5290	Ant1	35.29	4.52	16.67
NVNT	ac80	5530	Ant1	35.29	4.52	16.67
NVNT	ac80	5610	Ant1	31.25	5.05	20
NVNT	ac80	5690	Ant1	37.5	4.26	16.67
NVNT	ac80	5775	Ant1	29.41	5.32	20

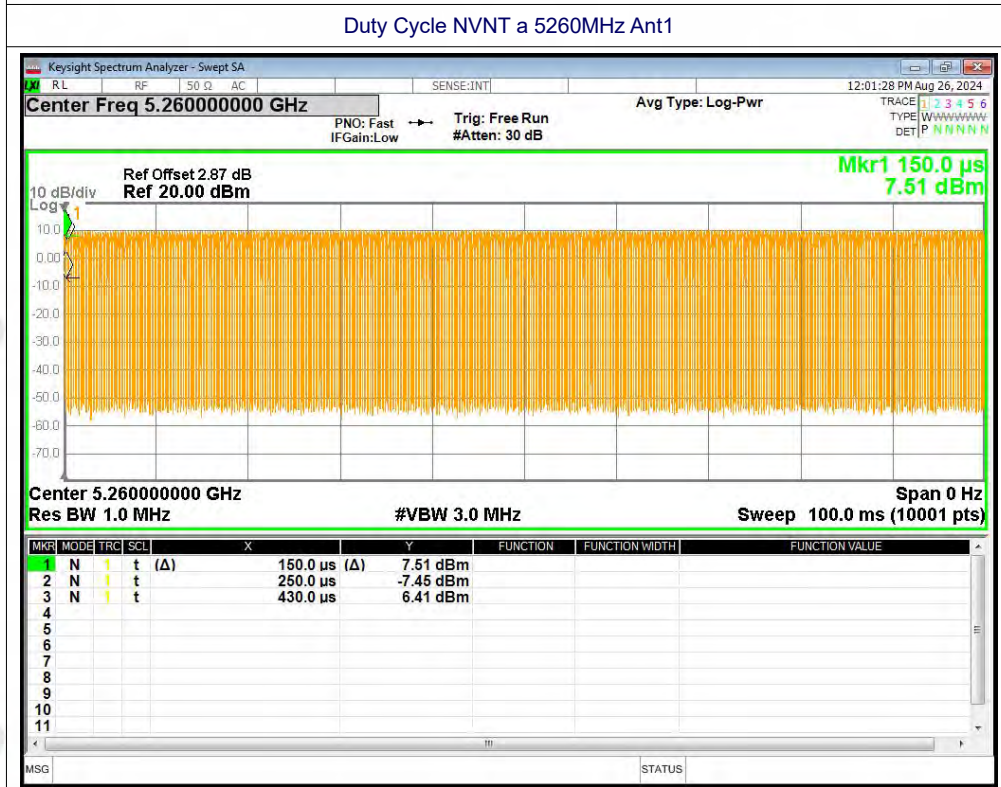
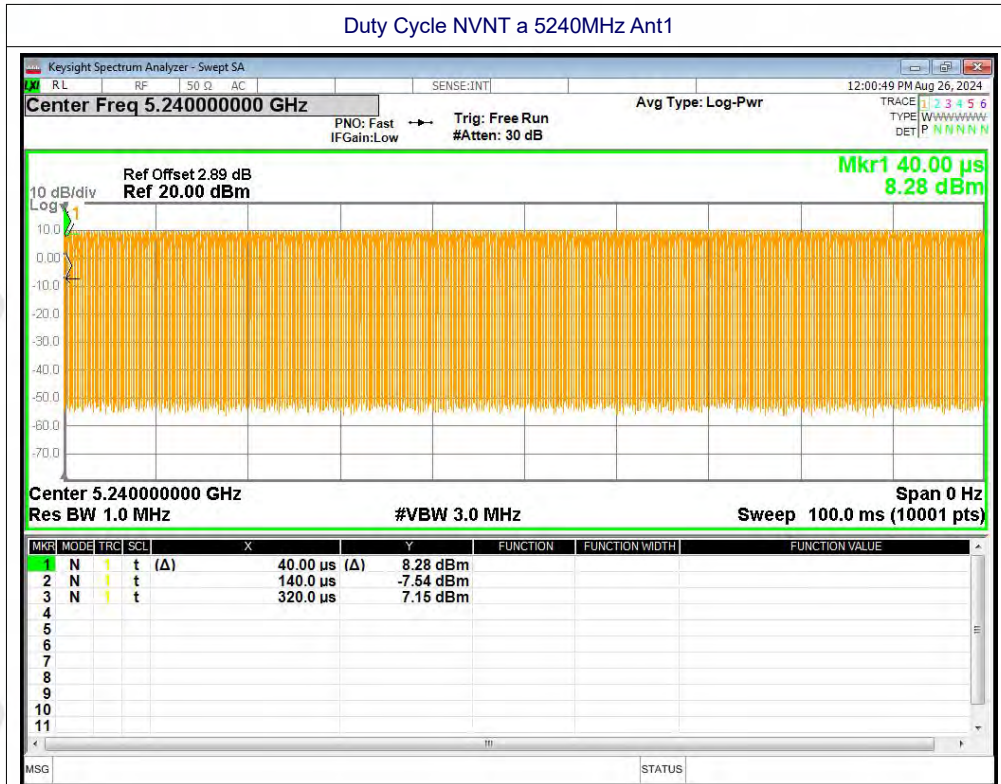
Test Graphs

Duty Cycle NVNT a 5180MHz Ant1

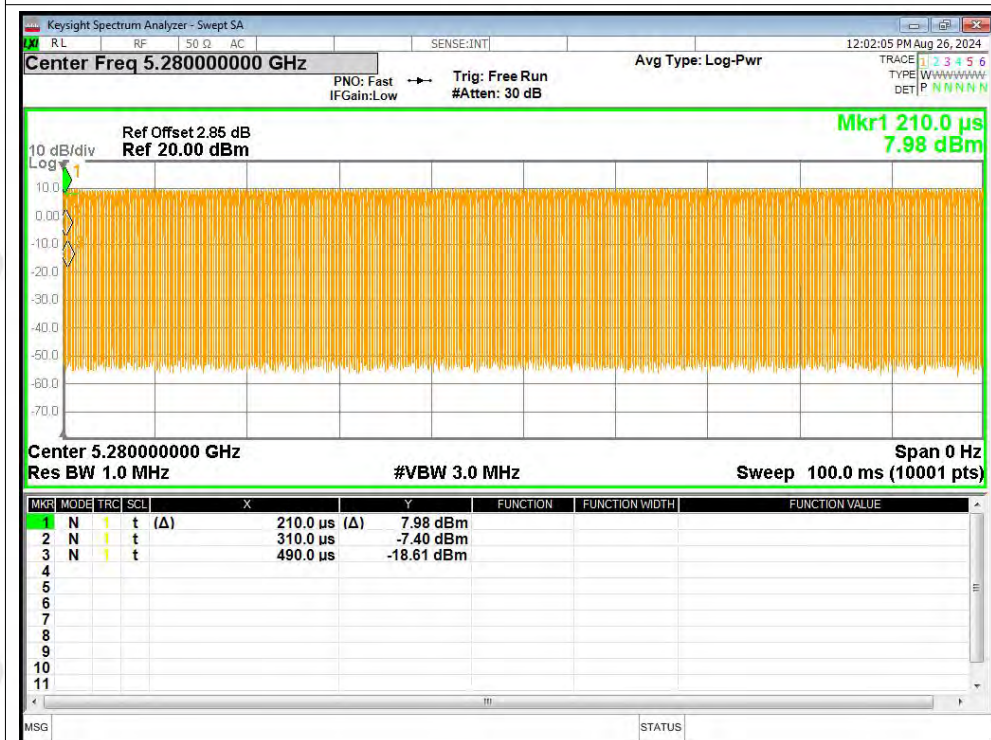


Duty Cycle NVNT a 5200MHz Ant1





Duty Cycle NVNT a 5280MHz Ant1



Duty Cycle NVNT a 5320MHz Ant1

