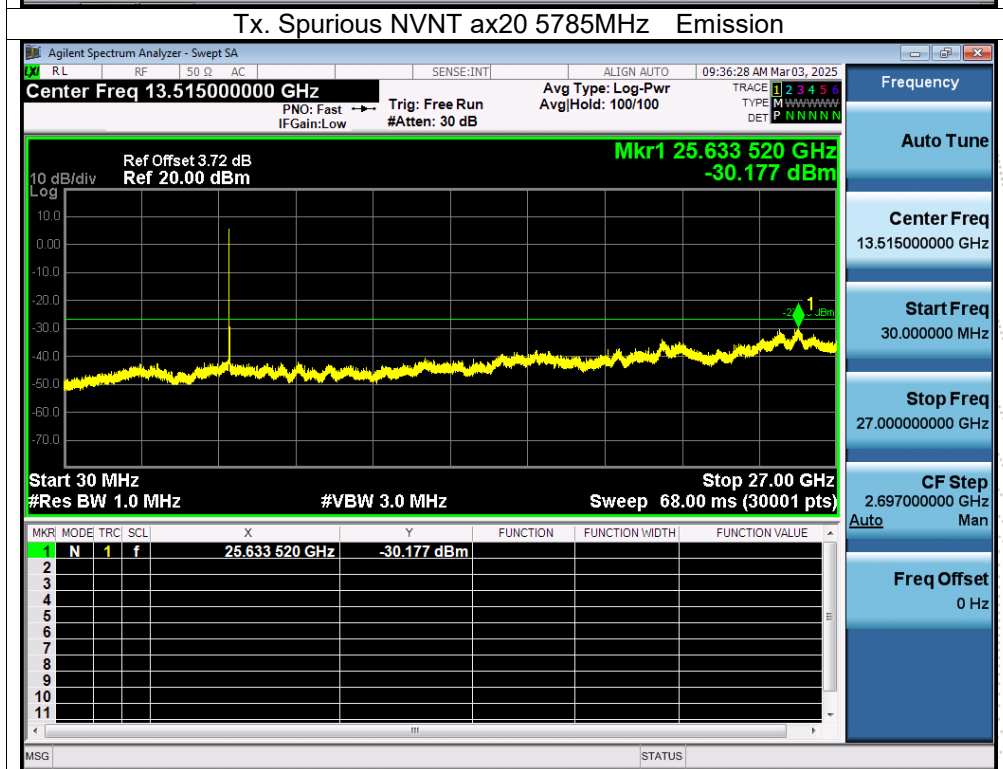
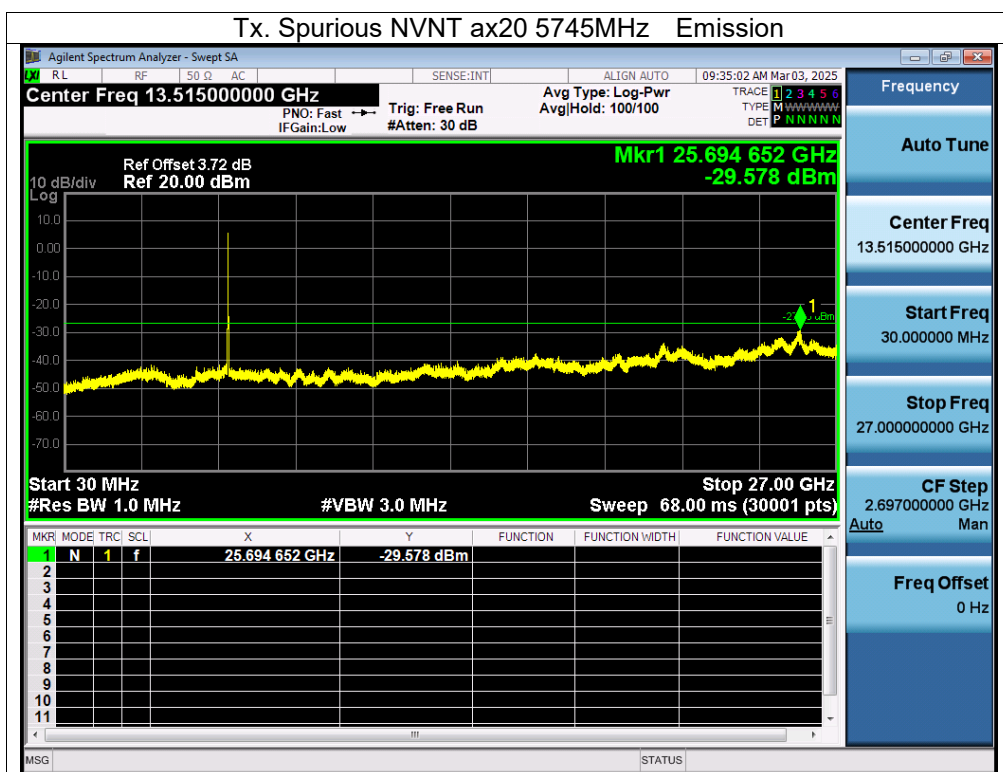
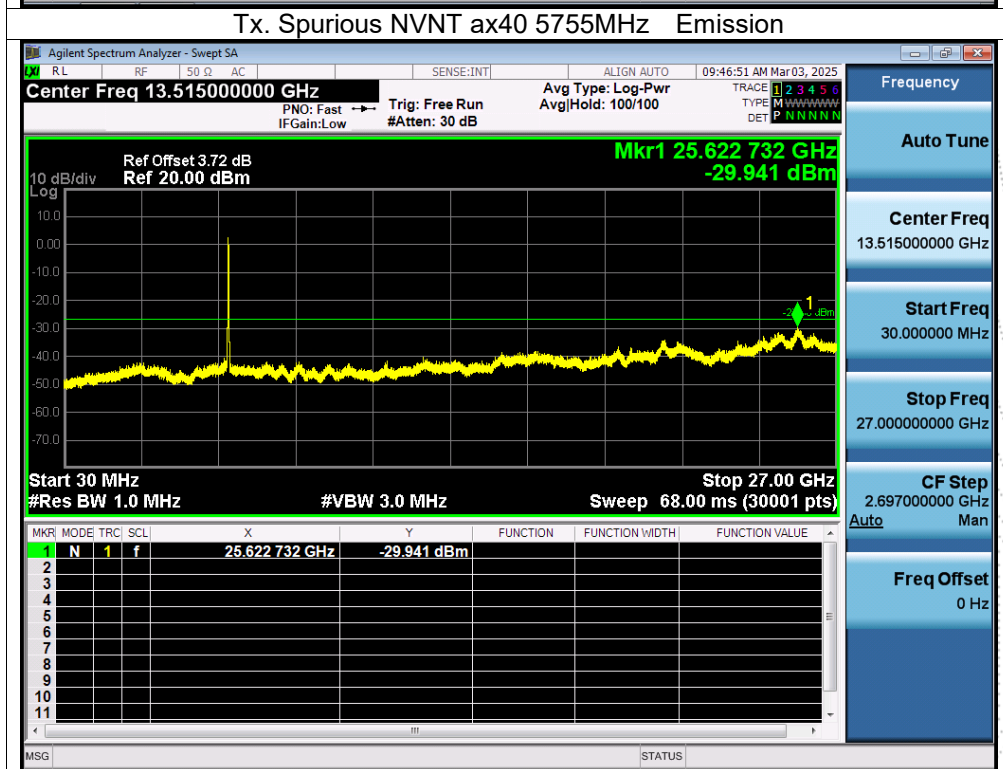
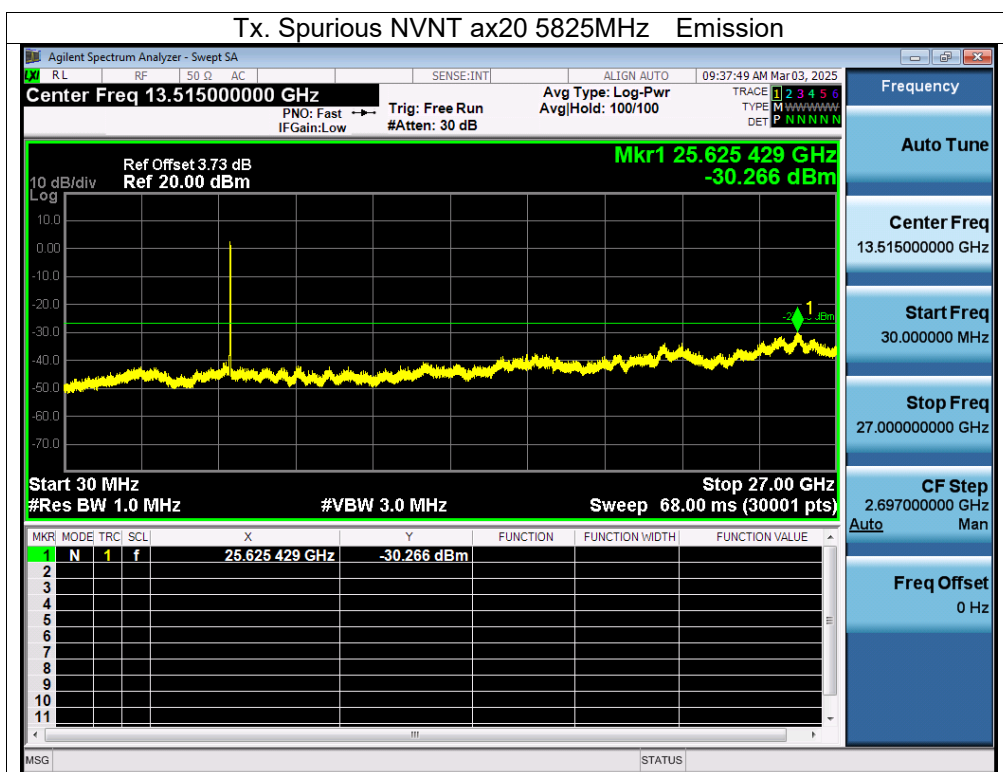
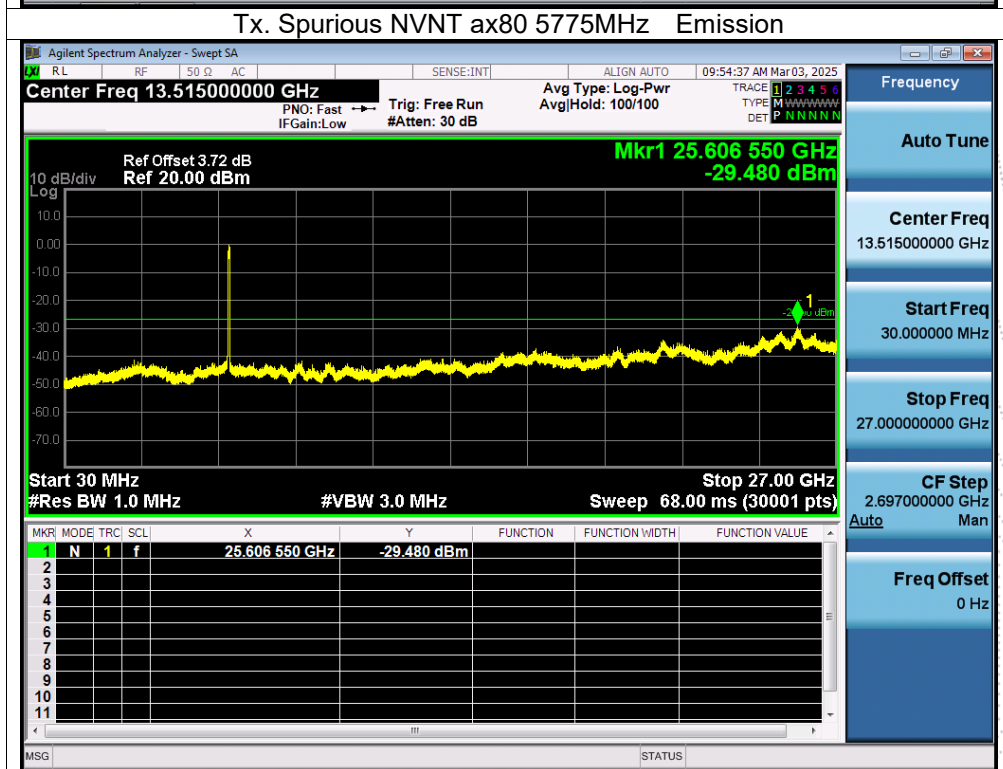
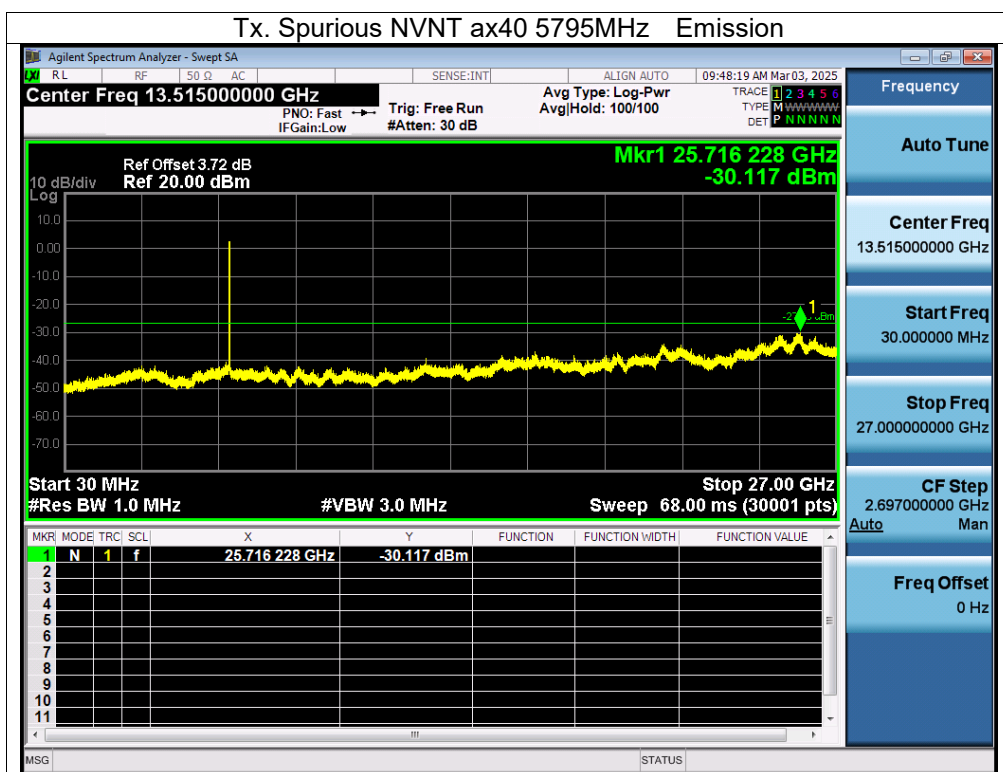








13. Frequency Stability Measurement

13.1 Block Diagram Of Test Setup



13.2 Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification)..

13.3 Test Procedure

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f)/f_c \times 10^6$ ppm and he limit is less than ± 20 ppm (IEEE 802.11n specification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$.

13.4 Test Result

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX (5.1G) Mode Frequency U-NII-1 (5180-5240MHz)		

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5180.0040	5180	0.0040	0.7722
		V max (V)	138	5180.0105	5180	0.0105	2.0270
		V min (V)	102	5180.0134	5180	0.0134	2.5869
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5180.0005	5180	0.0005	0.0965
		T (°C)	-10	5180.0114	5180	0.0114	2.2008
		T (°C)	0	5180.0124	5180	0.0124	2.3938
		T (°C)	10	5180.0054	5180	0.0054	1.0425
		T (°C)	20	5180.0134	5180	0.0134	2.5869
		T (°C)	30	5180.0005	5180	0.0005	0.0965
		T (°C)	40	5180.0054	5180	0.0054	1.0425
		T (°C)	50	5180.0054	5180	0.0054	1.0425
		T (°C)	60	5180.0048	5180	0.0048	0.9266
		T (°C)	70	5180.0094	5180	0.0094	1.8147
Limits				5150-5250 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5200.0014	5200	0.0014	0.2692
		V max (V)	138	5200.0045	5200	0.0045	0.8654
		V min (V)	102	5200.0052	5200	0.0052	1.0000
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5200.00060	5200	0.00060	0.1154
		T (°C)	-10	5200.00260	5200	0.00260	0.5000
		T (°C)	0	5200.01050	5200	0.01050	2.0192
		T (°C)	10	5200.00240	5200	0.00240	0.4615
		T (°C)	20	5200.01260	5200	0.01260	2.4231
		T (°C)	30	5200.00090	5200	0.00090	0.1731
		T (°C)	40	5200.01320	5200	0.01320	2.5385
		T (°C)	50	5200.00590	5200	0.00590	1.1346
		T (°C)	60	5200.00040	5200	0.00040	0.0769
		T (°C)	70	5200.01100	5200	0.01100	2.1154
Limits				5150-5250 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5240.0080	5240	0.0080	1.5267
		V max (V)	138	5240.0082	5240	0.0082	1.5649
		V min (V)	102	5240.0074	5240	0.0074	1.4122
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5240.0120	5240	0.0120	2.2901
		T (°C)	-10	5240.0059	5240	0.0059	1.1260
		T (°C)	0	5240.0012	5240	0.0012	0.2290
		T (°C)	10	5240.0092	5240	0.0092	1.7557
		T (°C)	20	5240.0119	5240	0.0119	2.2710
		T (°C)	30	5240.0064	5240	0.0064	1.2214
		T (°C)	40	5240.0075	5240	0.0075	1.4313
		T (°C)	50	5240.0035	5240	0.0035	0.6679
		T (°C)	60	5240.0118	5240	0.0118	2.2519
		T (°C)	70	5240.0039	5240	0.0039	0.7443
Limits				5150-5250 MHz			
Result				Complies			

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX (5.3G) Mode Frequency U-NII-2A (5260-5320MHz)		

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5260.0035	5260	0.0035	0.6654
		V max (V)	138	5260.0103	5260	0.0103	1.9582
		V min (V)	102	5260.0011	5260	0.0011	0.2091
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5260.0066	5260	0.0066	1.2548
		T (°C)	-10	5260.0087	5260	0.0087	1.6540
		T (°C)	0	5260.0052	5260	0.0052	0.9886
		T (°C)	10	5260.0057	5260	0.0057	1.0837
		T (°C)	20	5260.0056	5260	0.0056	1.0646
		T (°C)	30	5260.0006	5260	0.0006	0.1141
		T (°C)	40	5260.0133	5260	0.0133	2.5285
		T (°C)	50	5260.0054	5260	0.0054	1.0266
		T (°C)	60	5260.0050	5260	0.0050	0.9506
		T (°C)	70	5260.0108	5260	0.0108	2.0532
Limits				5260-5320 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5280.0022	5280	0.0022	0.4167
		V max (V)	138	5280.0093	5280	0.0093	1.7614
		V min (V)	102	5280.0045	5280	0.0045	0.8523
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5280.00700	5280	0.00700	1.3258
		T (°C)	-10	5280.00680	5280	0.00680	1.2879
		T (°C)	0	5280.00930	5280	0.00930	1.7614
		T (°C)	10	5280.00250	5280	0.00250	0.4735
		T (°C)	20	5280.00140	5280	0.00140	0.2652
		T (°C)	30	5280.00780	5280	0.00780	1.4773
		T (°C)	40	5280.00330	5280	0.00330	0.6250
		T (°C)	50	5280.00110	5280	0.00110	0.2083
		T (°C)	60	5280.01320	5280	0.01320	2.5000
		T (°C)	70	5280.00590	5280	0.00590	1.1174
Limits				5260-5320 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5320.0073	5320	0.0073	1.3722
		V max (V)	138	5320.0061	5320	0.0061	1.1466
		V min (V)	102	5320.0044	5320	0.0044	0.8271
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5320.0092	5320	0.0092	1.7293
		T (°C)	-10	5320.0114	5320	0.0114	2.1429
		T (°C)	0	5320.0045	5320	0.0045	0.8459
		T (°C)	10	5320.0107	5320	0.0107	2.0113
		T (°C)	20	5320.0053	5320	0.0053	0.9962
		T (°C)	30	5320.0062	5320	0.0062	1.1654
		T (°C)	40	5320.0105	5320	0.0105	1.9737
		T (°C)	50	5320.0055	5320	0.0055	1.0338
		T (°C)	60	5320.0012	5320	0.0012	0.2256
		T (°C)	70	5320.0043	5320	0.0043	0.8083
Limits				5260-5320 MHz			
Result				Complies			

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX (5.6G) Mode Frequency U-NII-2C (5500-5700MHz)		

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5500.0092	5500	0.0092	1.6727
		V max (V)	138	5500.0049	5500	0.0049	0.8909
		V min (V)	102	5500.0046	5500	0.0046	0.8364
Limits				5500-5700 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5500.0115	5500	0.0115	2.0909
		T (°C)	-10	5500.0078	5500	0.0078	1.4182
		T (°C)	0	5500.0033	5500	0.0033	0.6000
		T (°C)	10	5500.0013	5500	0.0013	0.2364
		T (°C)	20	5500.0025	5500	0.0025	0.4545
		T (°C)	30	5500.0124	5500	0.0124	2.2545
		T (°C)	40	5500.0059	5500	0.0059	1.0727
		T (°C)	50	5500.0031	5500	0.0031	0.5636
		T (°C)	60	5500.0083	5500	0.0083	1.5091
		T (°C)	70	5500.0029	5500	0.0029	0.5273
Limits				5500-5700 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5580.0061	5580	0.0061	1.0932
		V max (V)	138	5580.0039	5580	0.0039	0.6989
		V min (V)	102	5580.0020	5580	0.0020	0.3584
Limits				5500-5700 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5580.00700	5580	0.00700	1.2545
		T (°C)	-10	5580.00980	5580	0.00980	1.7563
		T (°C)	0	5580.01000	5580	0.01000	1.7921
		T (°C)	10	5580.00500	5580	0.00500	0.8961
		T (°C)	20	5580.00560	5580	0.00560	1.0036
		T (°C)	30	5580.00430	5580	0.00430	0.7706
		T (°C)	40	5580.00950	5580	0.00950	1.7025
		T (°C)	50	5580.01000	5580	0.01000	1.7921
		T (°C)	60	5580.00420	5580	0.00420	0.7527
		T (°C)	70	5580.00780	5580	0.00780	1.3978
Limits				5500-5700 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5700.0075	5700	0.0075	1.3158
		V max (V)	138	5700.0053	5700	0.0053	0.9298
		V min (V)	102	5700.0074	5700	0.0074	1.2982
Limits				5500-5700 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5700.0034	5700	0.0034	0.5965
		T (°C)	-10	5700.0044	5700	0.0044	0.7719
		T (°C)	0	5700.0084	5700	0.0084	1.4737
		T (°C)	10	5700.0040	5700	0.0040	0.7018
		T (°C)	20	5700.0095	5700	0.0095	1.6667
		T (°C)	30	5700.0085	5700	0.0085	1.4912
		T (°C)	40	5700.0074	5700	0.0074	1.2982
		T (°C)	50	5700.0057	5700	0.0057	1.0000
		T (°C)	60	5700.0108	5700	0.0108	1.8947
		T (°C)	70	5700.0005	5700	0.0005	0.0877
Limits				5500-5700 MHz			
Result				Complies			

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	TX (5.8G) Mode Frequency U-NII-3 (5745-5825MHz)		

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5745.00070	5745	0.00070	0.1218
		V max (V)	138	5745.01180	5745	0.01180	2.0540
		V min (V)	102	5745.00820	5745	0.00820	1.4273
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5745.00680	5745	0.00680	1.1836
		T (°C)	-10	5745.01250	5745	0.01250	2.1758
		T (°C)	0	5745.00910	5745	0.00910	1.5840
		T (°C)	10	5745.01030	5745	0.01030	1.7929
		T (°C)	20	5745.00250	5745	0.00250	0.4352
		T (°C)	30	5745.01300	5745	0.01300	2.2628
		T (°C)	40	5745.00510	5745	0.00510	0.8877
		T (°C)	50	5745.00570	5745	0.00570	0.9922
		T (°C)	60	5745.00490	5745	0.00490	0.8529
		T (°C)	70	5745.00430	5745	0.00430	0.7485
Limits				5725-5850 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5785.00370	5785	0.00370	0.6396
		V max (V)	138	5785.01010	5785	0.01010	1.7459
		V min (V)	102	5785.00470	5785	0.00470	0.8124
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5785.00700	5785	0.00700	1.2100
		T (°C)	-10	5785.00190	5785	0.00190	0.3284
		T (°C)	0	5785.00830	5785	0.00830	1.4347
		T (°C)	10	5785.00560	5785	0.00560	0.9680
		T (°C)	20	5785.00960	5785	0.00960	1.6595
		T (°C)	30	5785.00760	5785	0.00760	1.3137
		T (°C)	40	5785.00080	5785	0.00080	0.1383
		T (°C)	50	5785.00420	5785	0.00420	0.7260
		T (°C)	60	5785.00510	5785	0.00510	0.8816
		T (°C)	70	5785.01220	5785	0.01220	2.1089
Limits				5725-5850 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5825.00500	5825	0.00500	0.8584
		V max (V)	138	5825.00750	5825	0.00750	1.2876
		V min (V)	102	5825.00320	5825	0.00320	0.5494
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5825.00650	5825	0.00650	1.1159
		T (°C)	-10	5825.00920	5825	0.00920	1.5794
		T (°C)	0	5825.01040	5825	0.01040	1.7854
		T (°C)	10	5825.01240	5825	0.01240	2.1288
		T (°C)	20	5825.00790	5825	0.00790	1.3562
		T (°C)	30	5825.00780	5825	0.00780	1.3391
		T (°C)	40	5825.00220	5825	0.00220	0.3777
		T (°C)	50	5825.00960	5825	0.00960	1.6481
		T (°C)	60	5825.00890	5825	0.00890	1.5279
		T (°C)	70	5825.00490	5825	0.00490	0.8412
Limits				5725-5850 MHz			
Result				Complies			

14. Duty Cycle Of Test Signal

14.1 Standard Requirement

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

14.2 Formula

Duty Cycle = $T_{on} / (T_{on} + T_{off})$

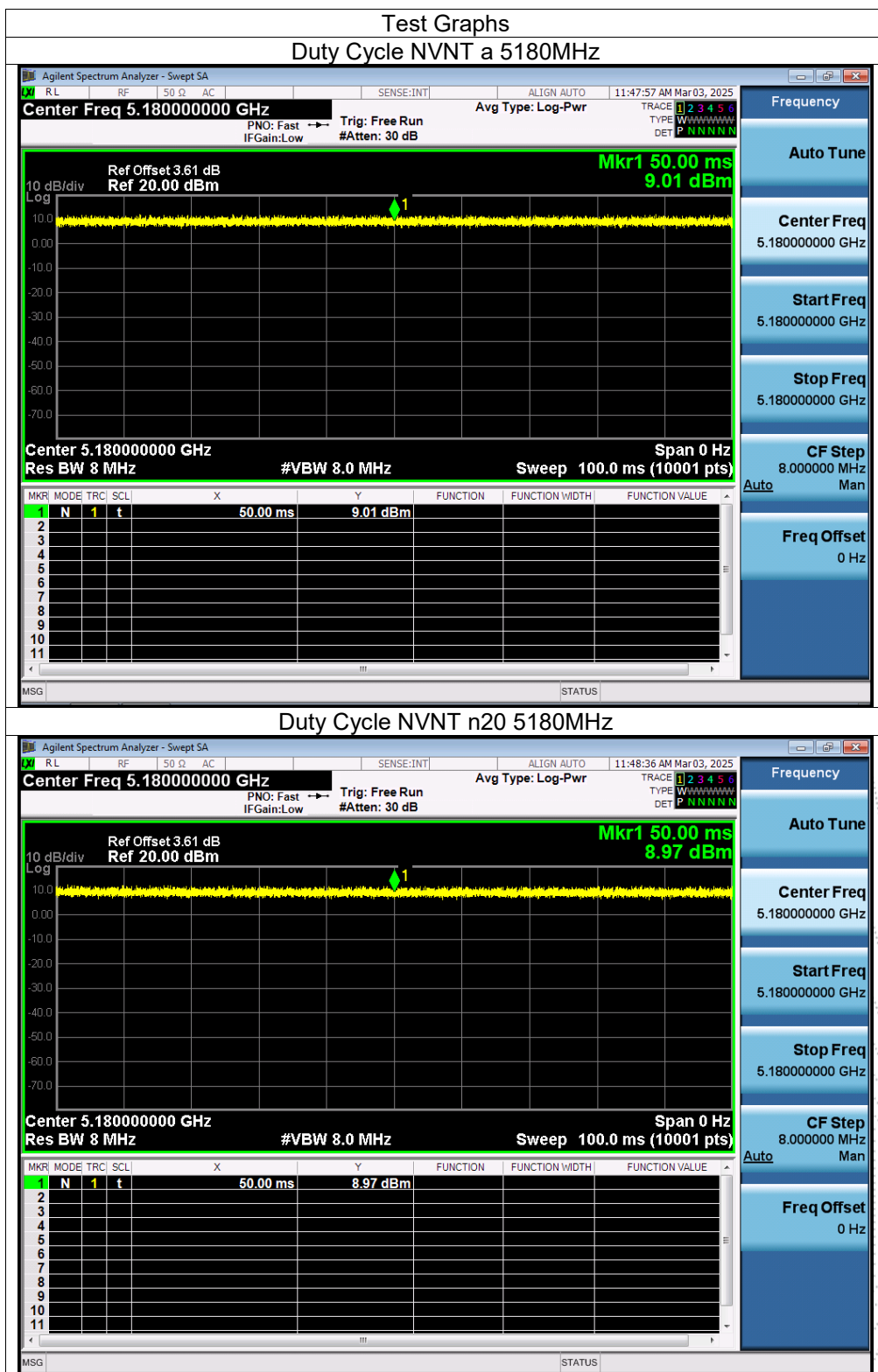
14.3 Test Procedure

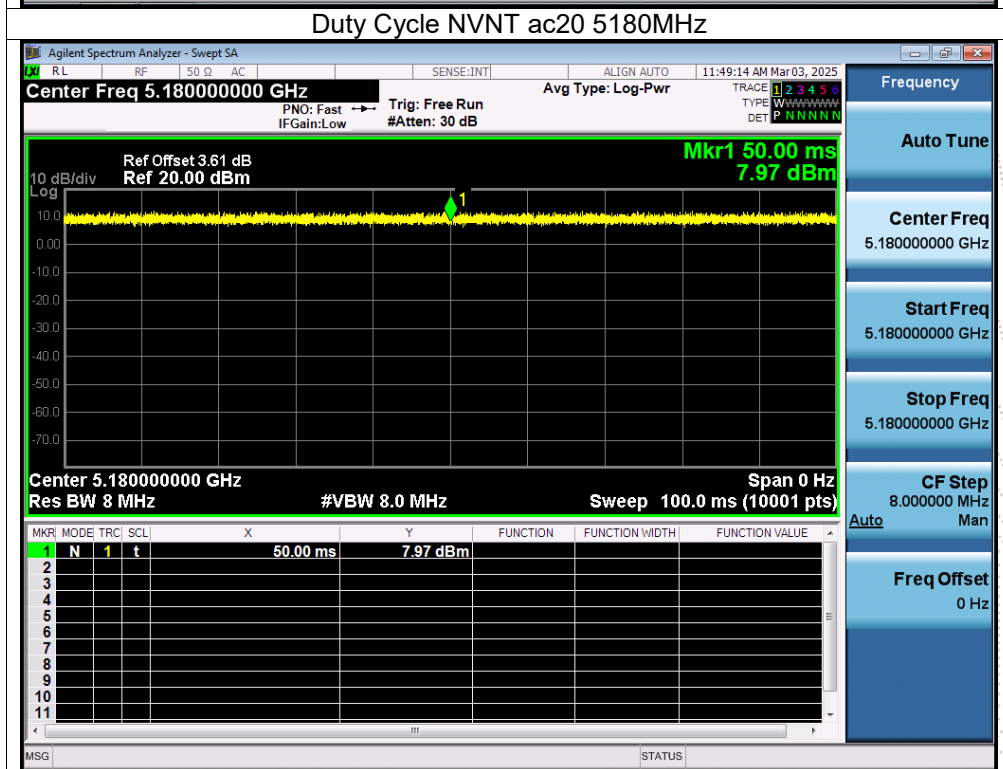
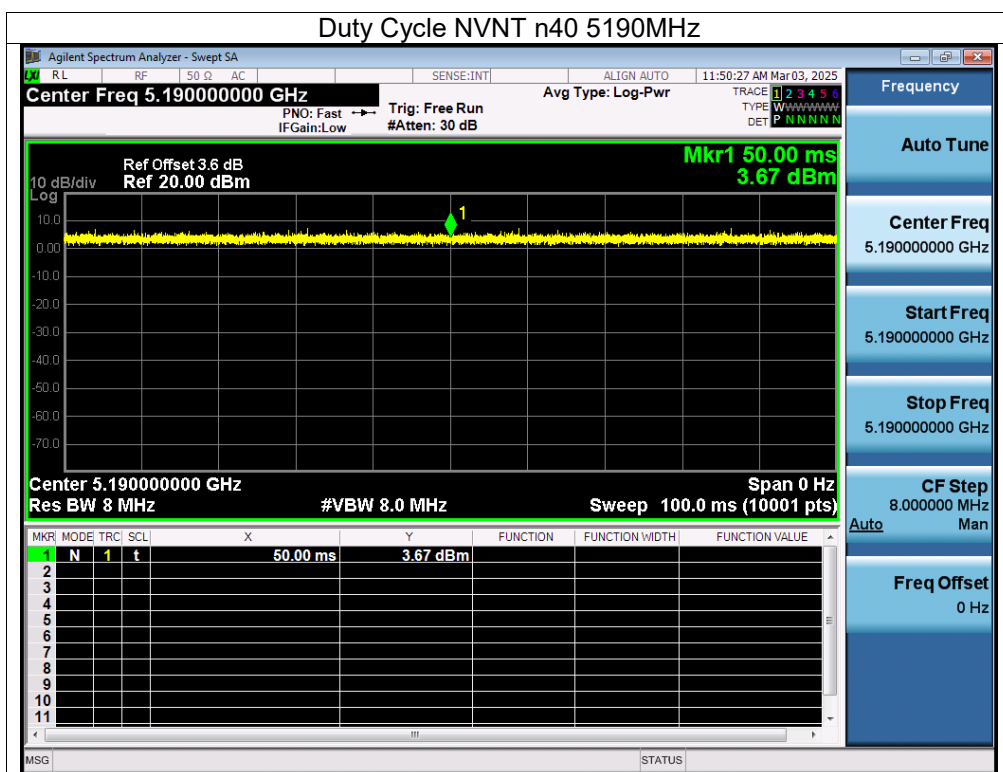
1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

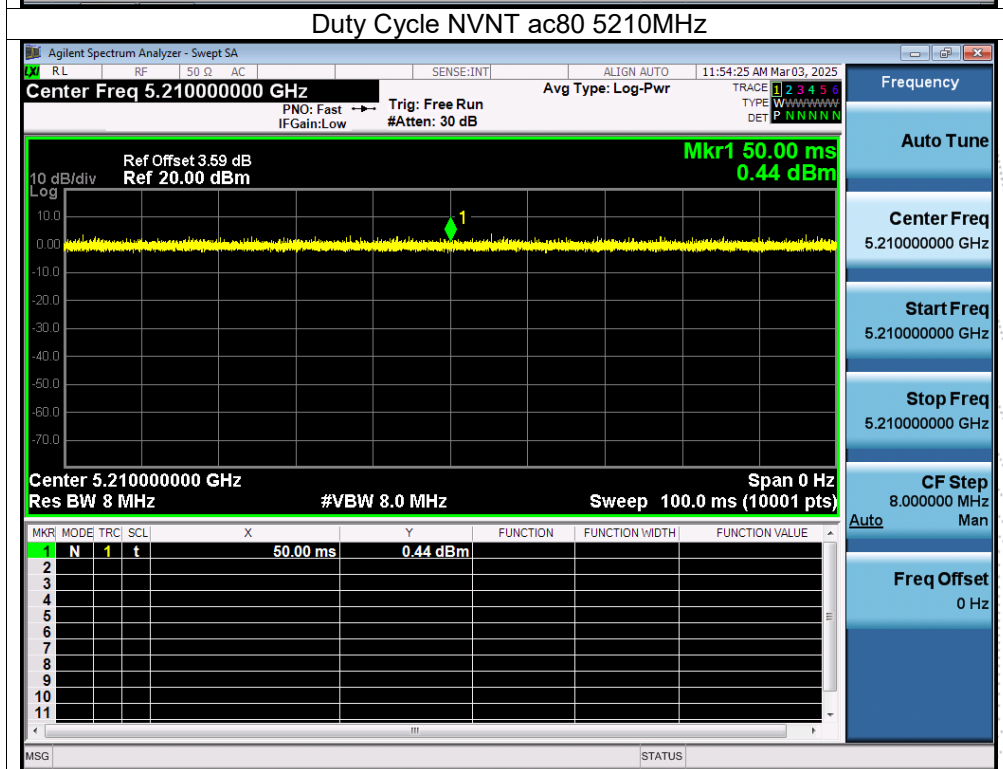
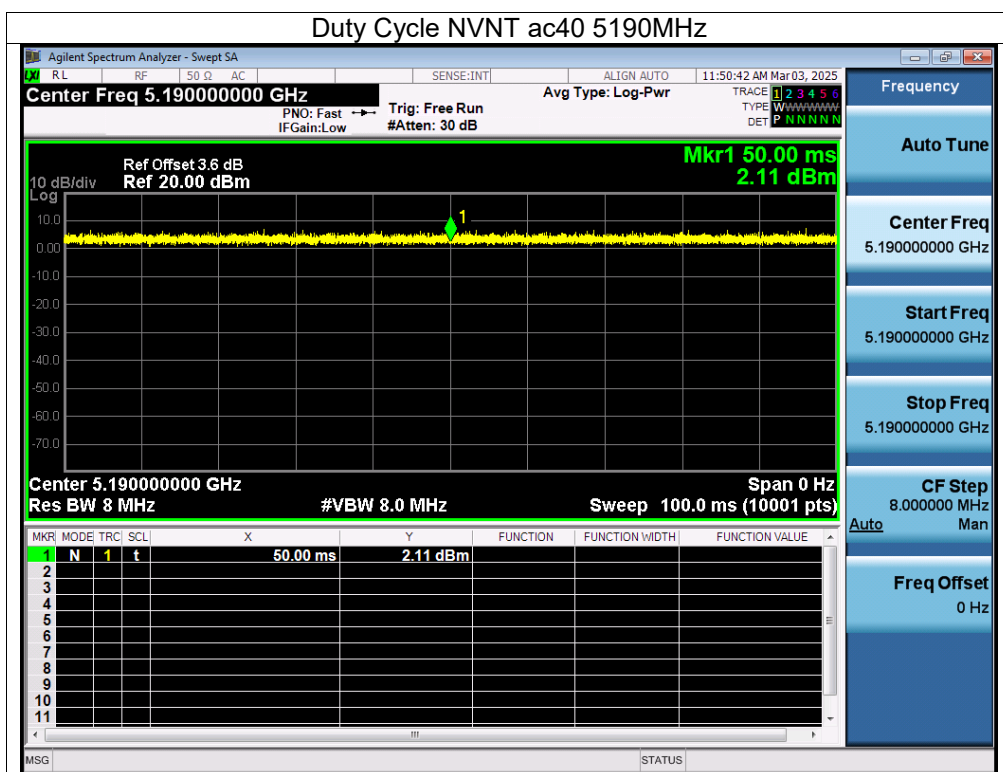
14.4 Test Result

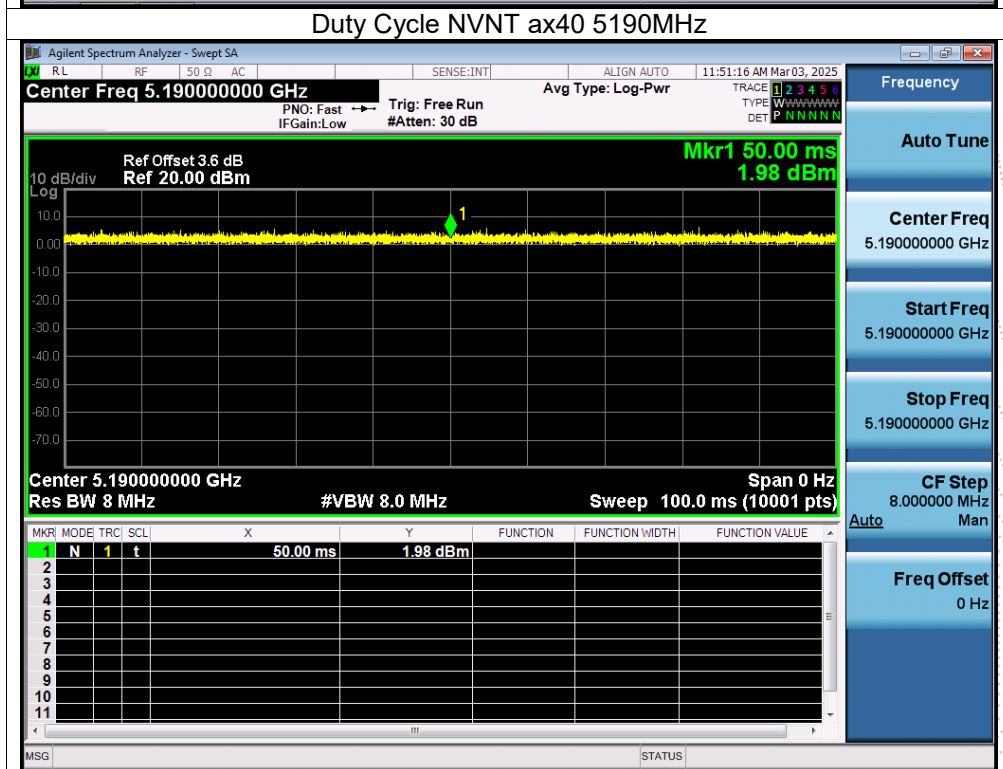
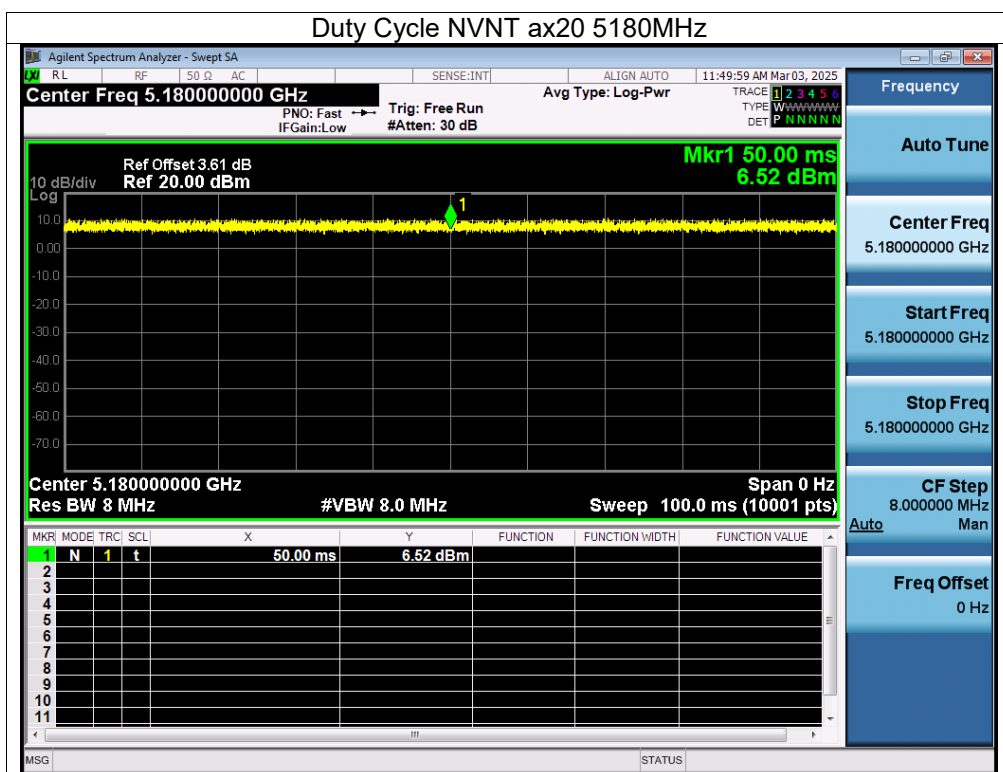
ANT A

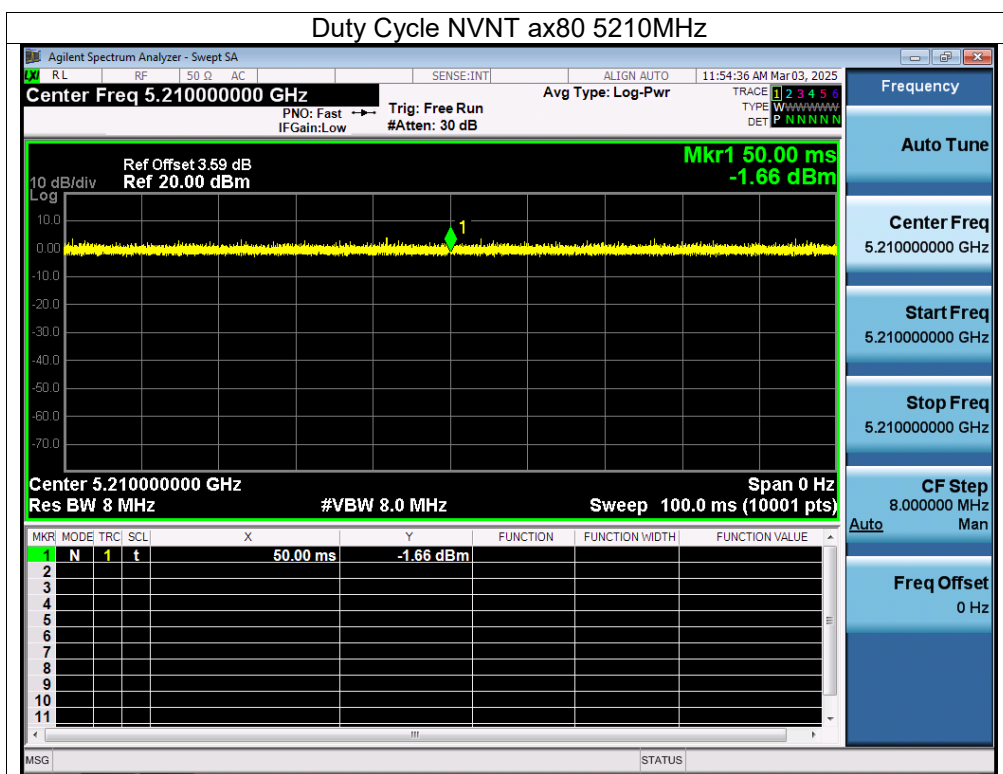
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	100	0
NVNT	n20	5180	100	0
NVNT	n40	5190	100	0
NVNT	ac20	5180	100	0
NVNT	ac40	5190	100	0
NVNT	ac80	5210	100	0
NVNT	ax20	5180	100	0
NVNT	ax40	5190	100	0
NVNT	ax80	5210	100	0





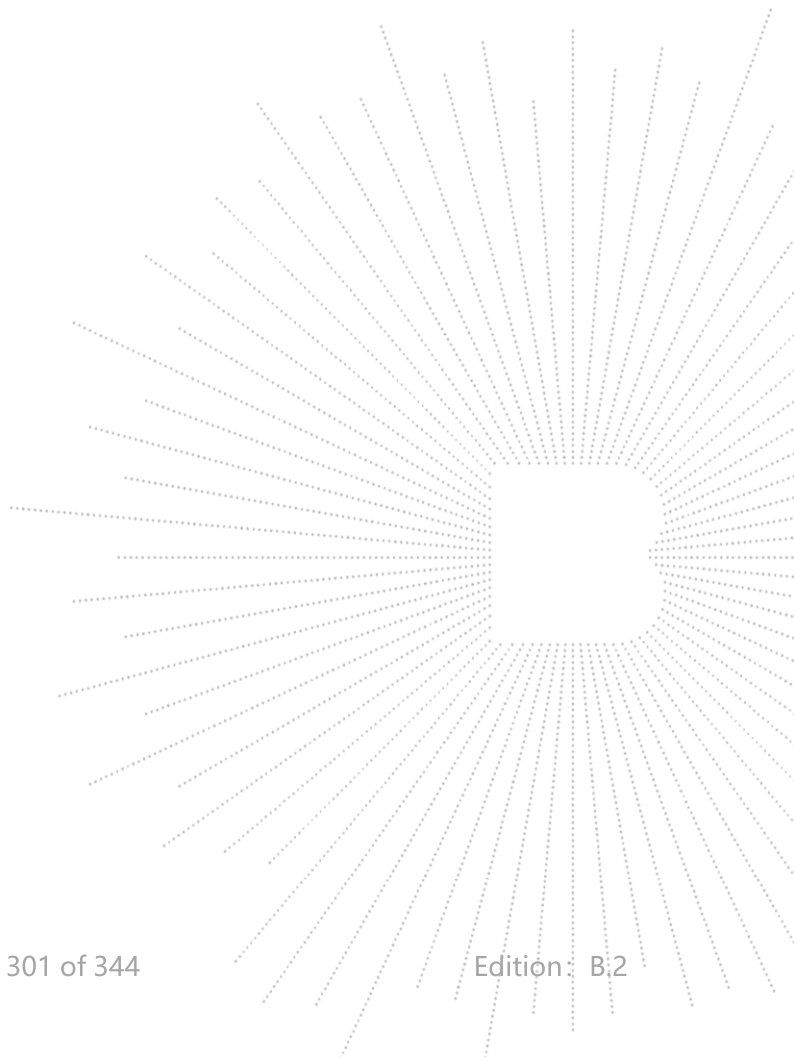


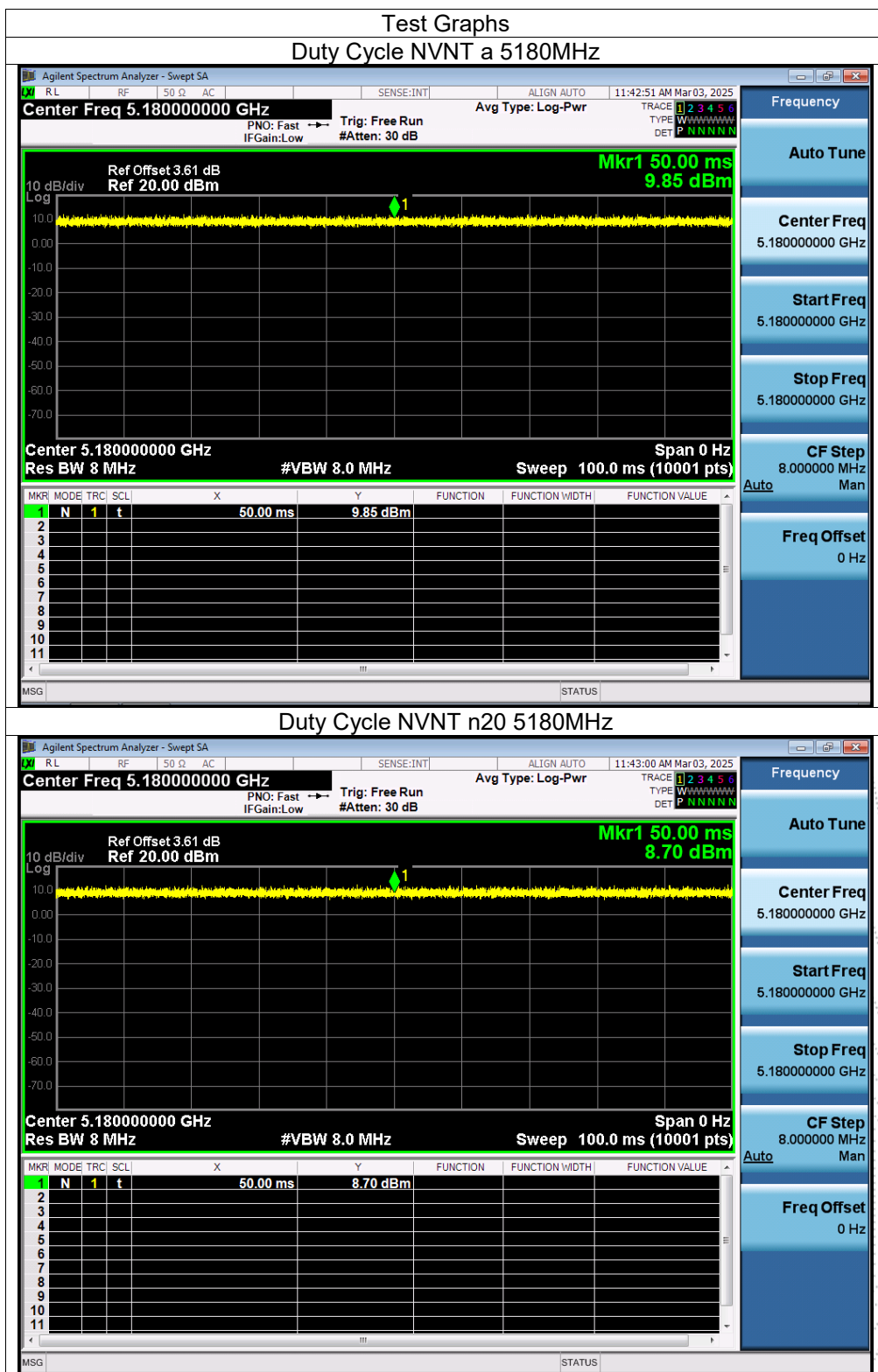


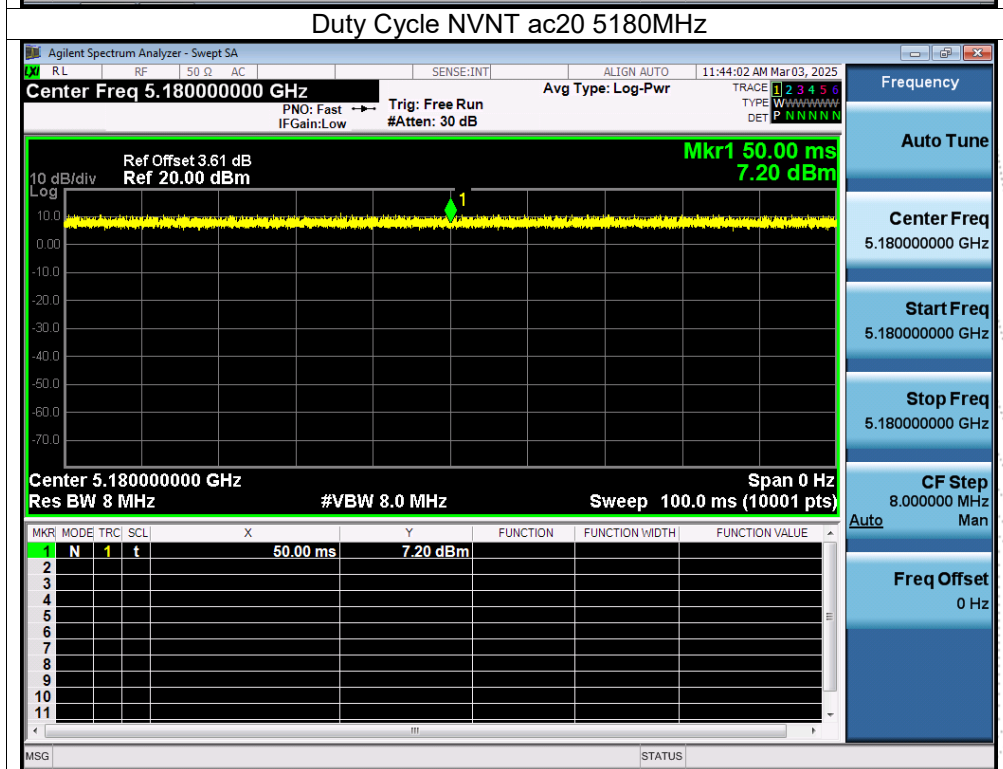
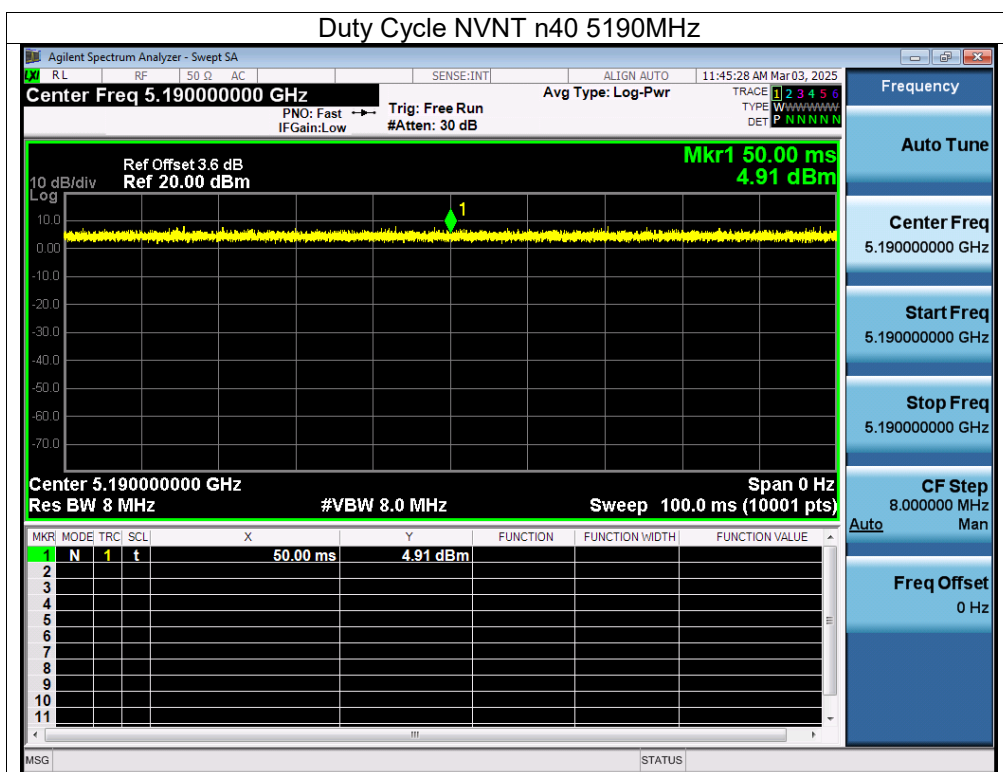


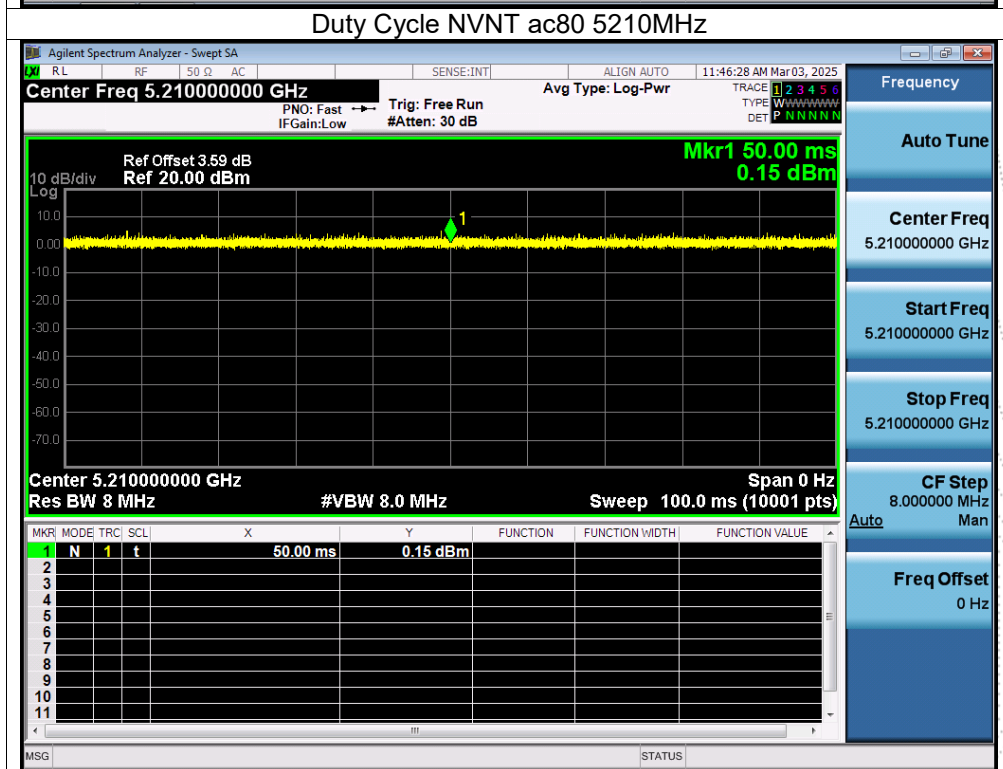
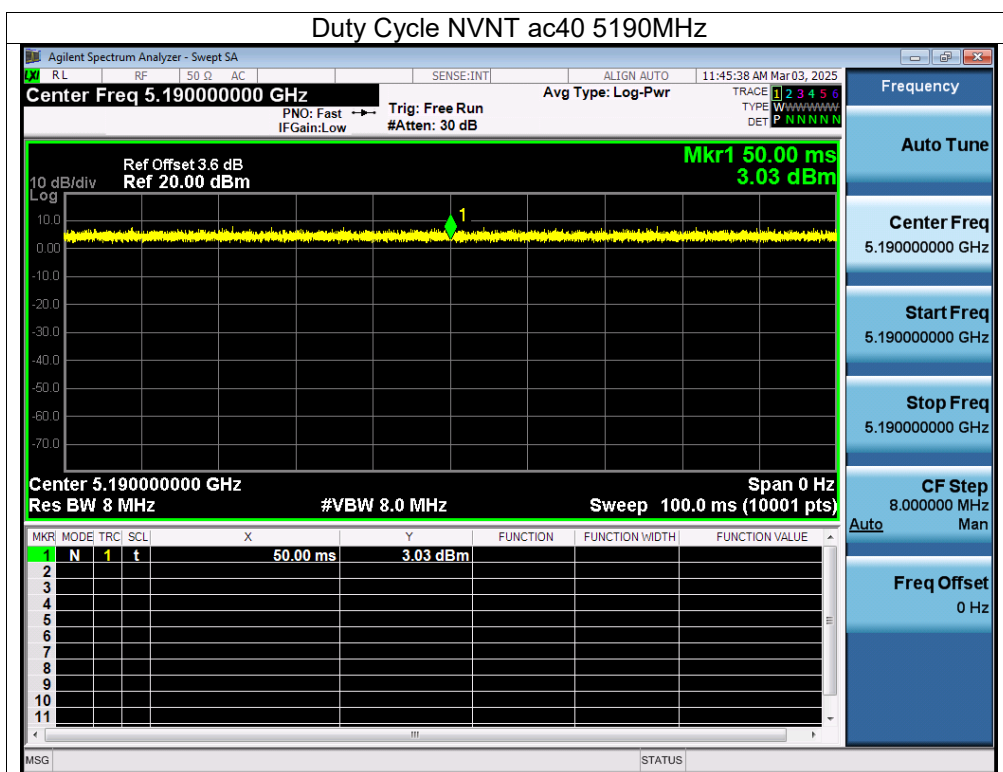
ANT B

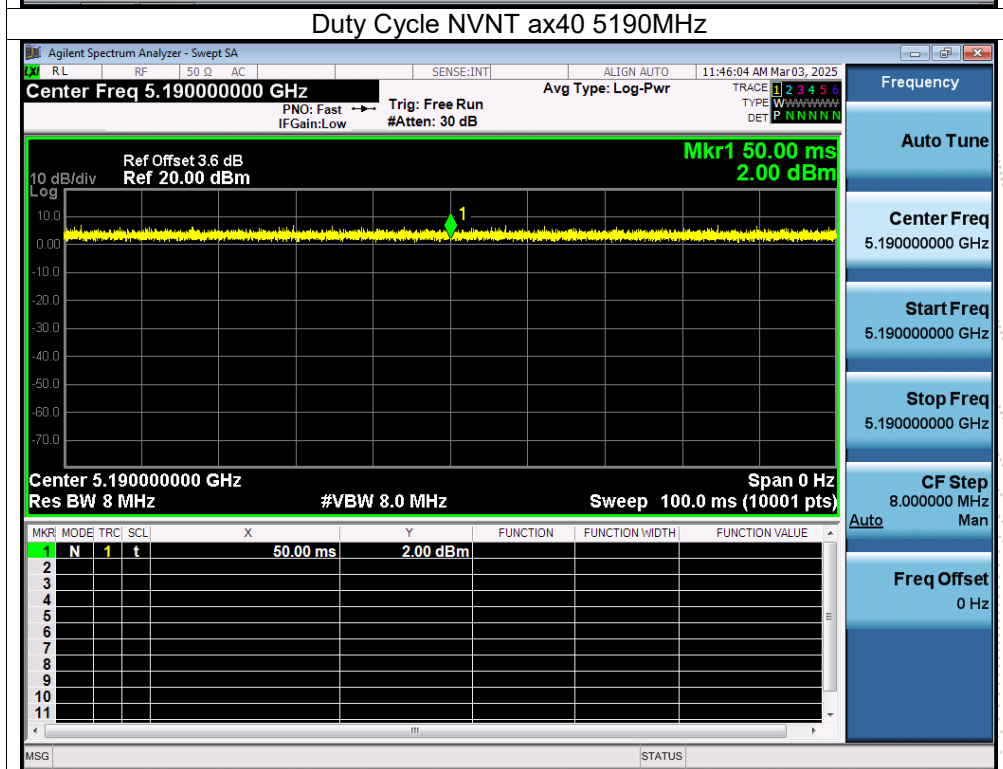
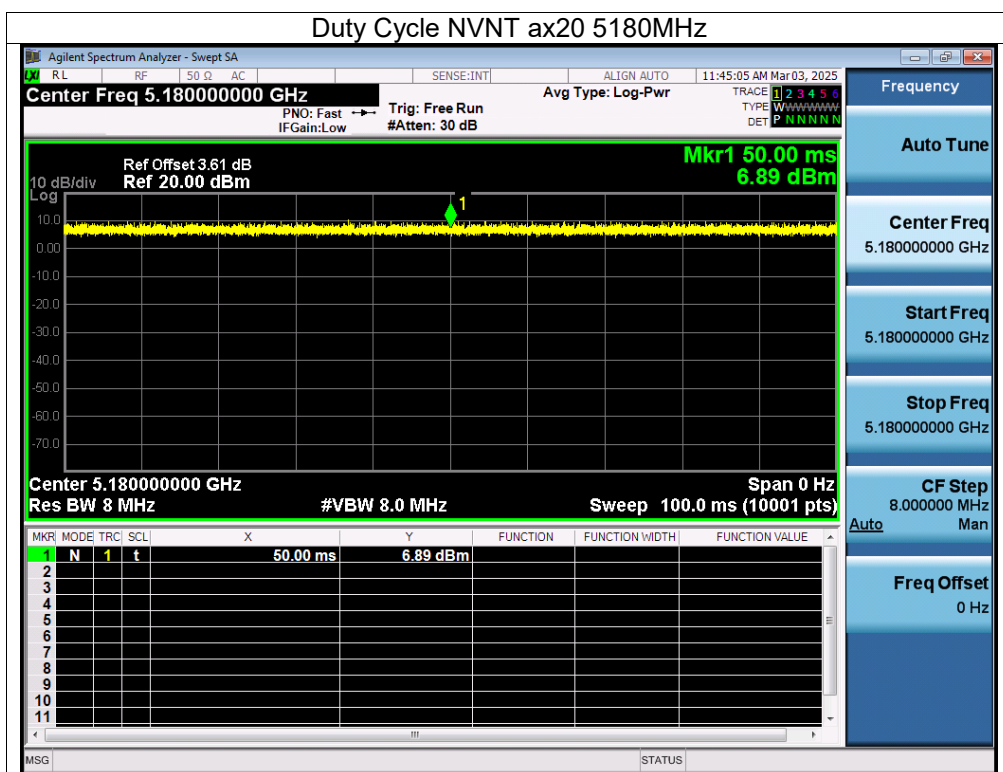
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	100	0
NVNT	n20	5180	100	0
NVNT	n40	5190	100	0
NVNT	ac20	5180	100	0
NVNT	ac40	5190	100	0
NVNT	ac80	5210	100	0
NVNT	ax20	5180	100	0
NVNT	ax40	5190	100	0
NVNT	ax80	5210	100	0

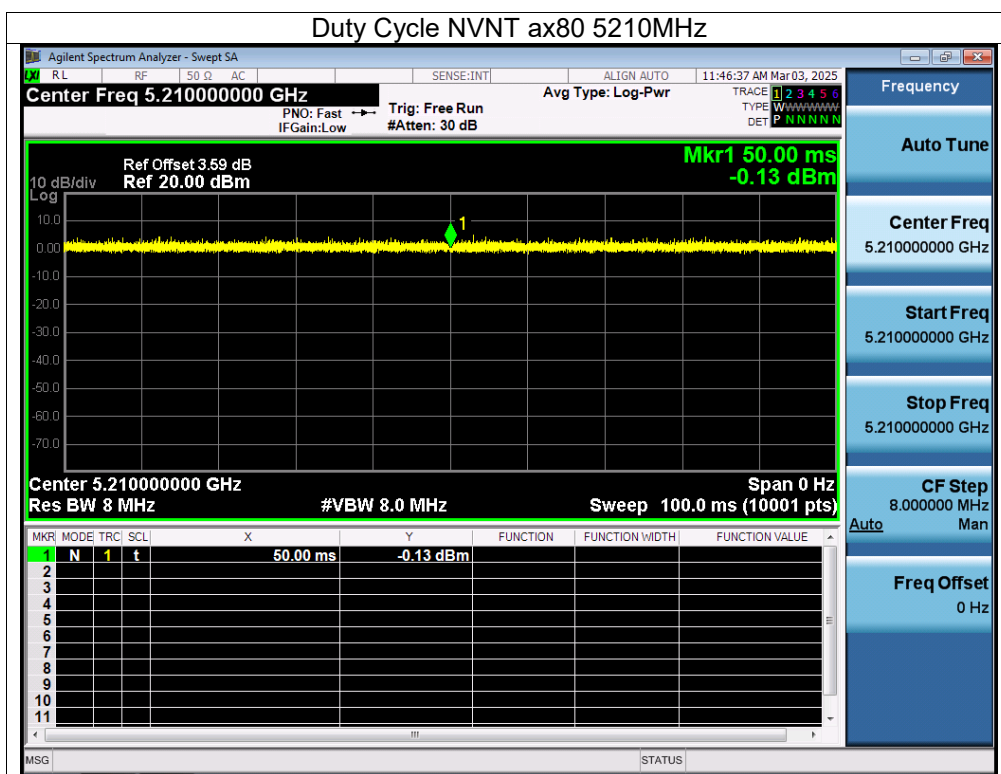






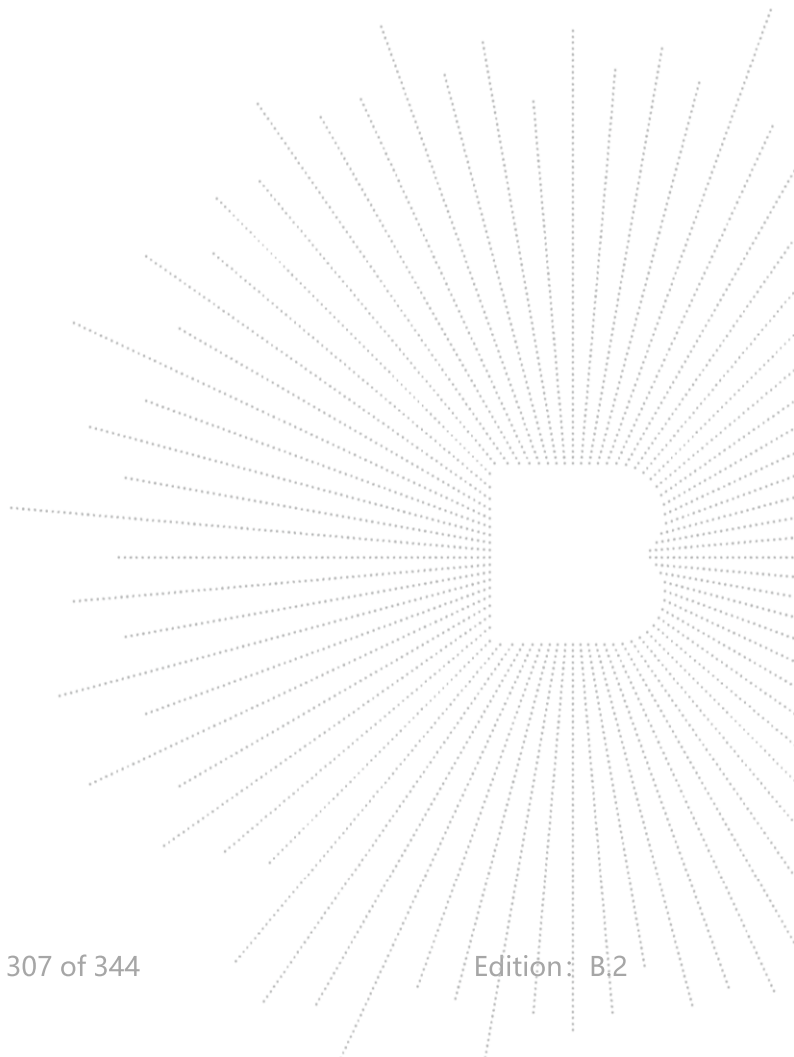


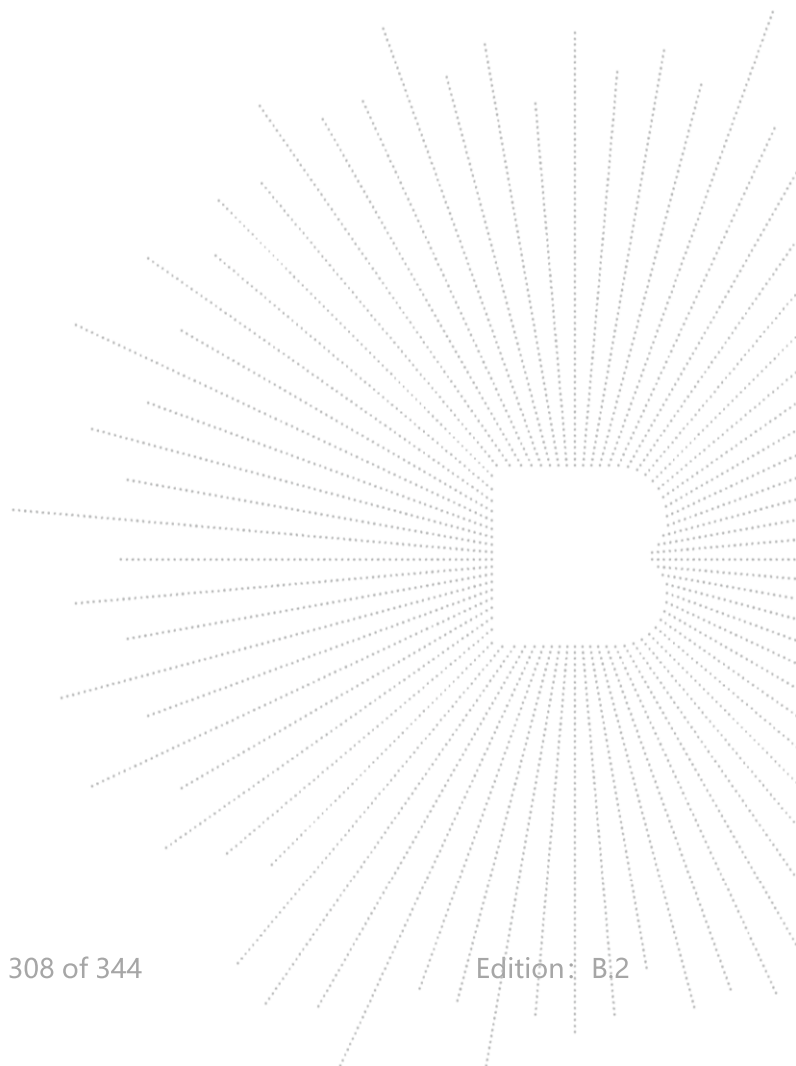




ANT A

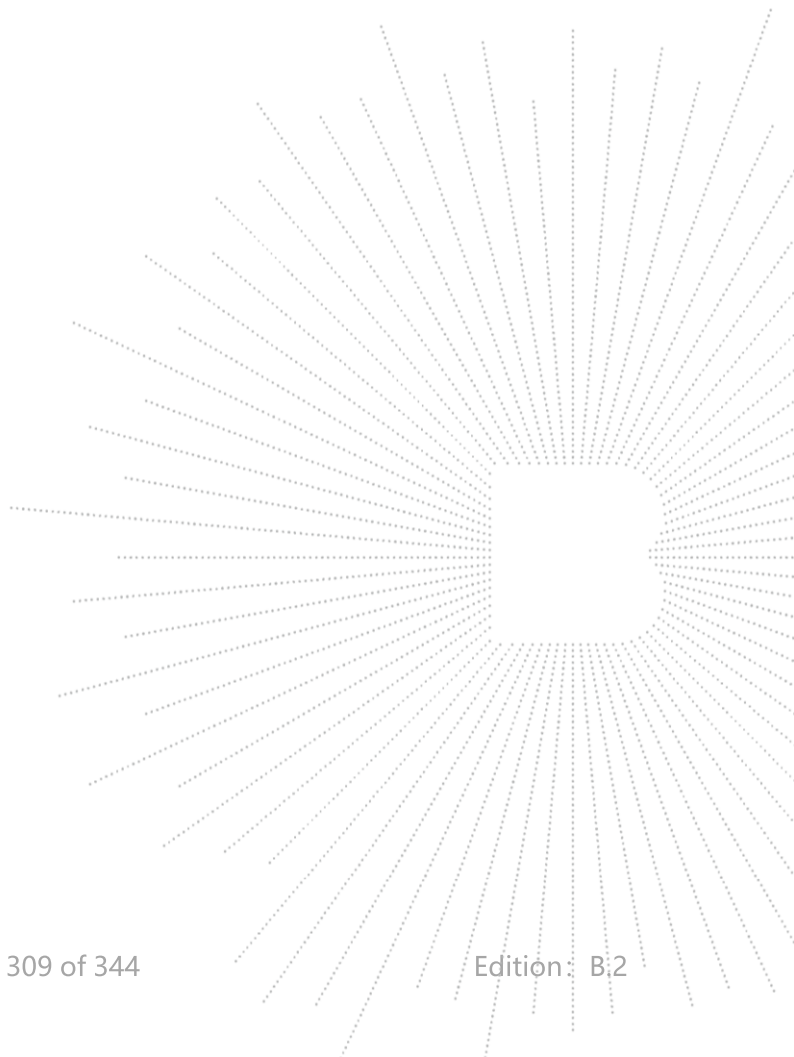
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	100	0
NVNT	n20	5260	100	0
NVNT	n40	5270	100	0
NVNT	ac20	5260	100	0
NVNT	ac40	5270	100	0
NVNT	ac80	5290	100	0
NVNT	ax20	5260	100	0
NVNT	ax40	5270	100	0
NVNT	ax80	5290	100	0

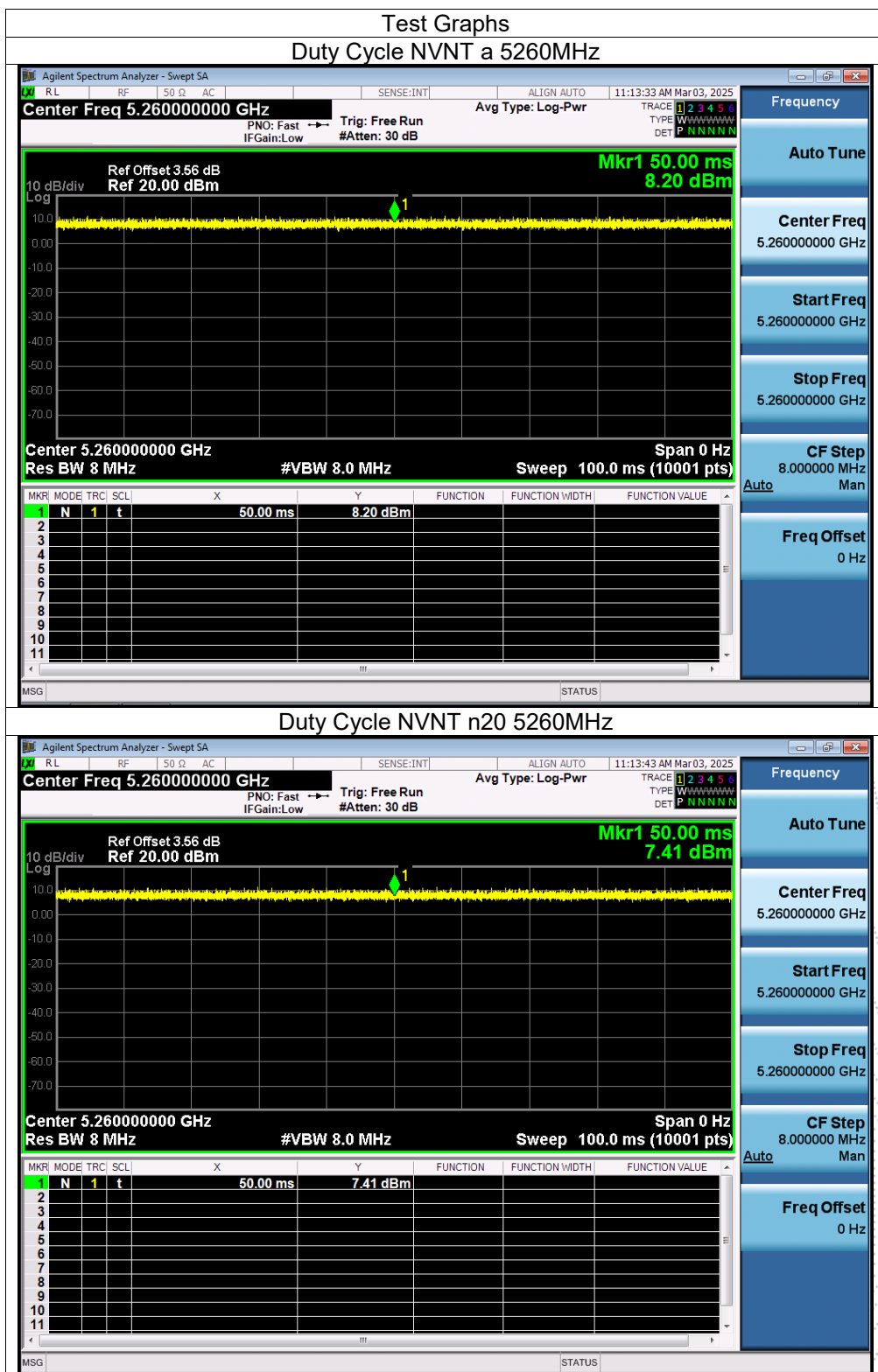


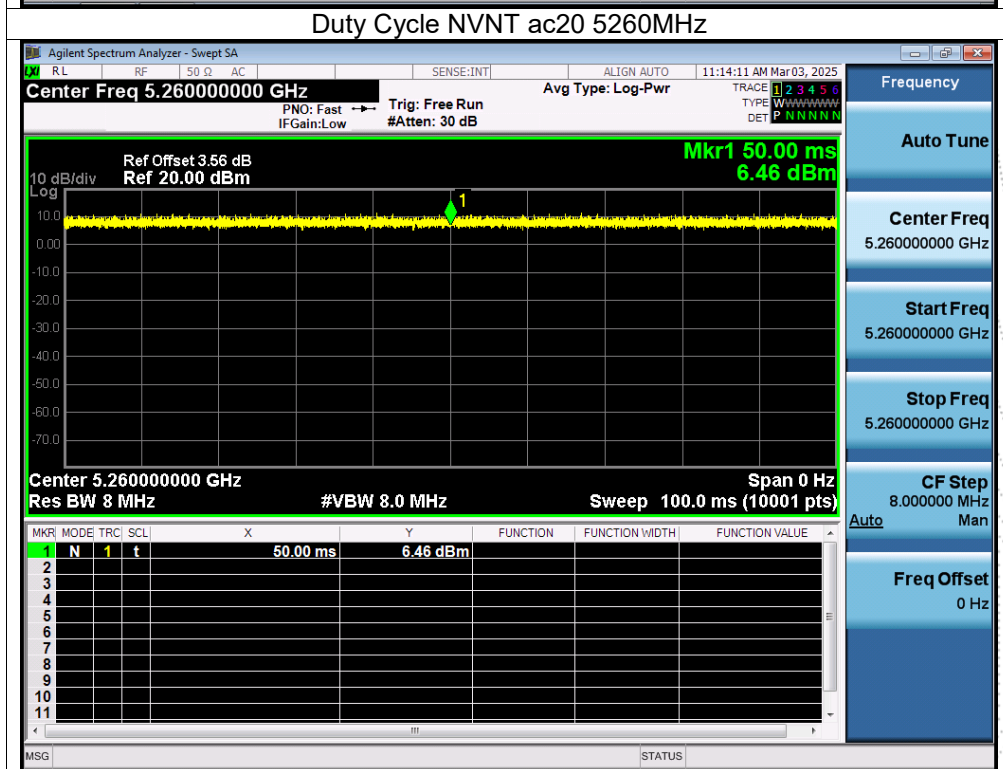
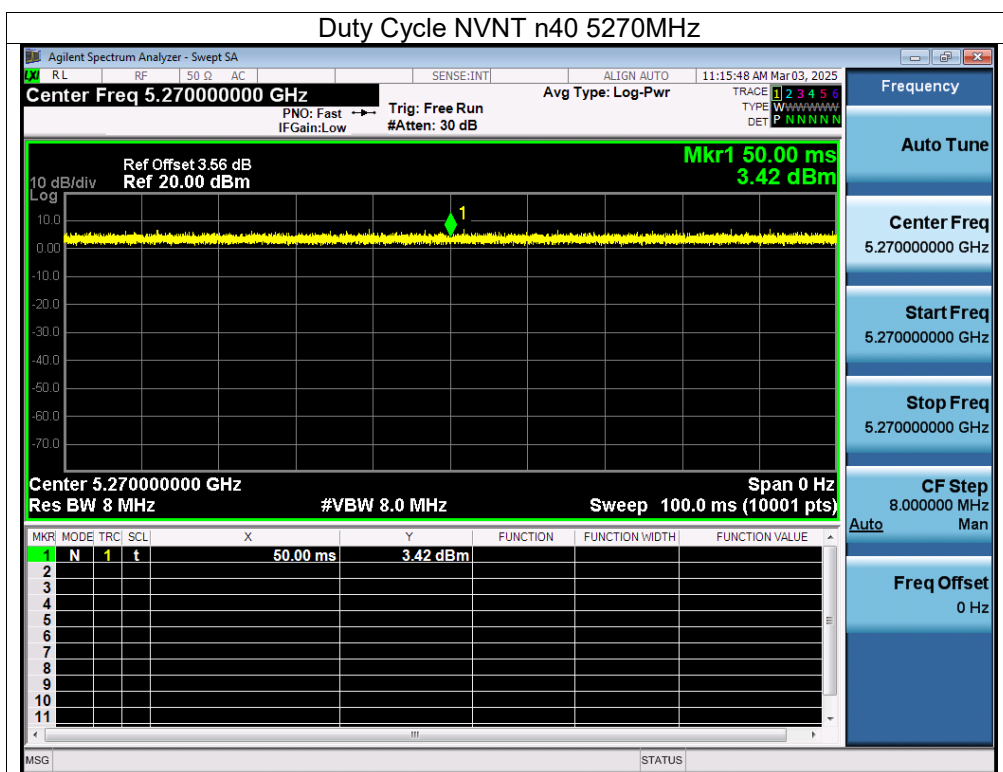


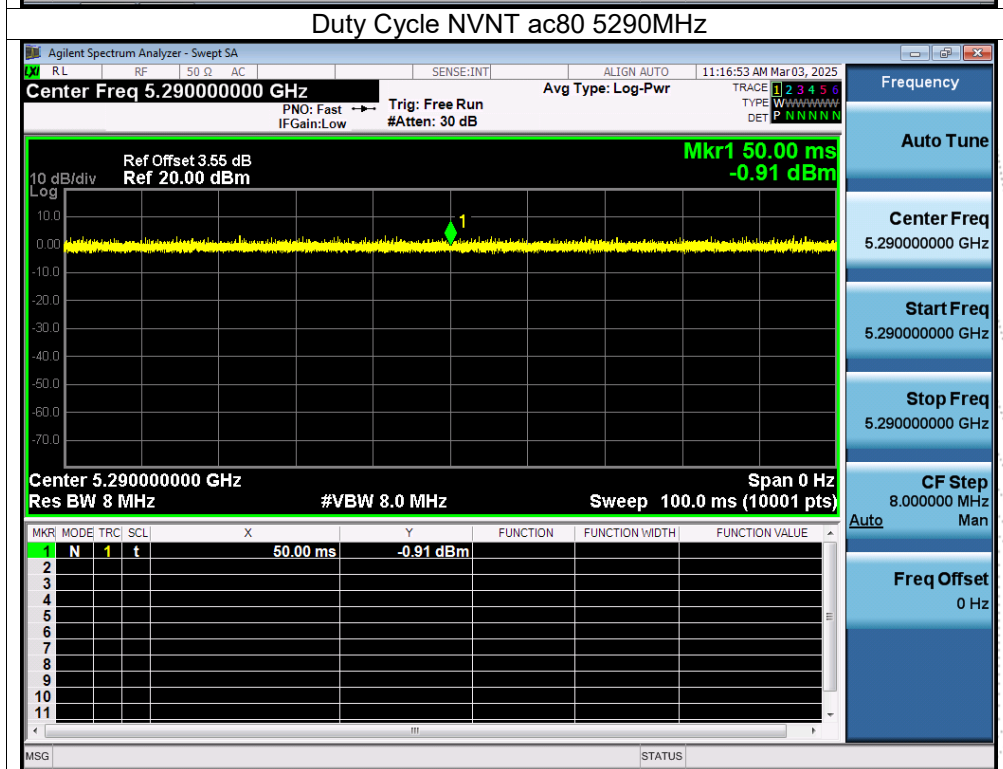
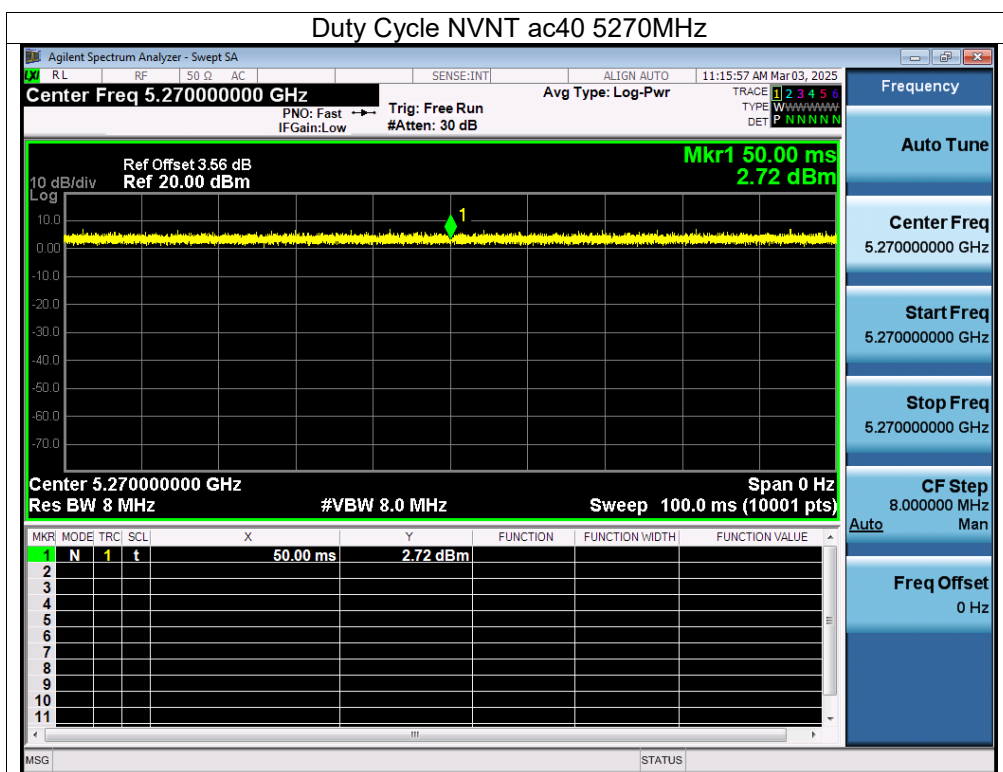
ANT B

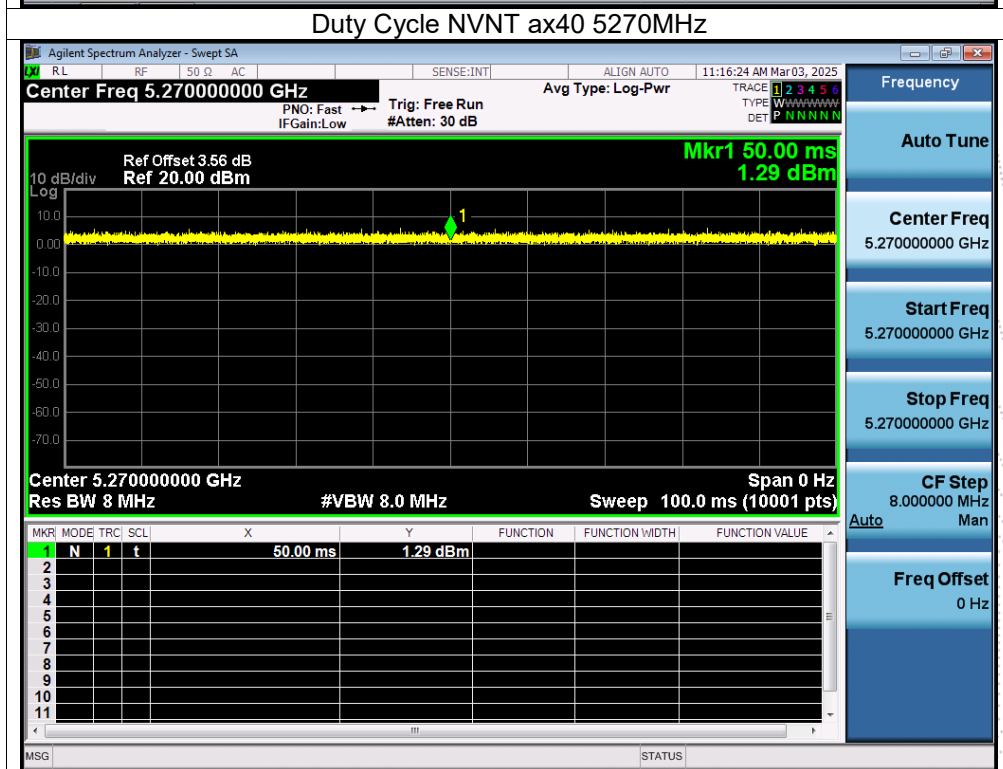
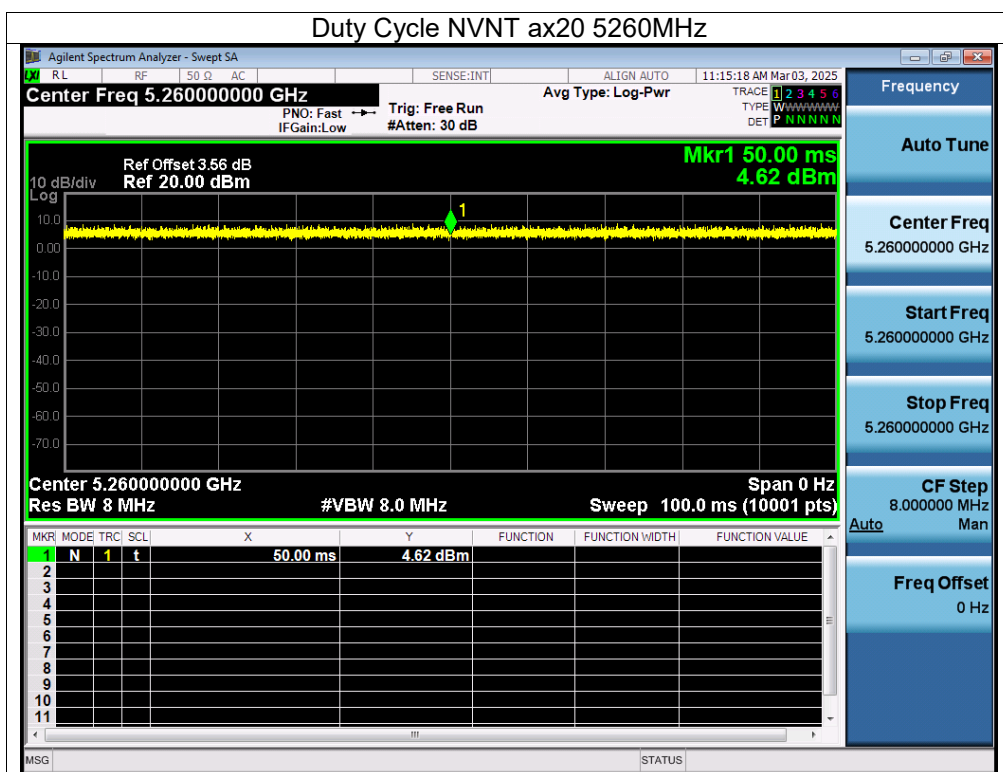
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	100	0
NVNT	n20	5260	100	0
NVNT	n40	5270	100	0
NVNT	ac20	5260	100	0
NVNT	ac40	5270	100	0
NVNT	ac80	5290	100	0
NVNT	ax20	5260	100	0
NVNT	ax40	5270	100	0
NVNT	ax80	5290	100	0

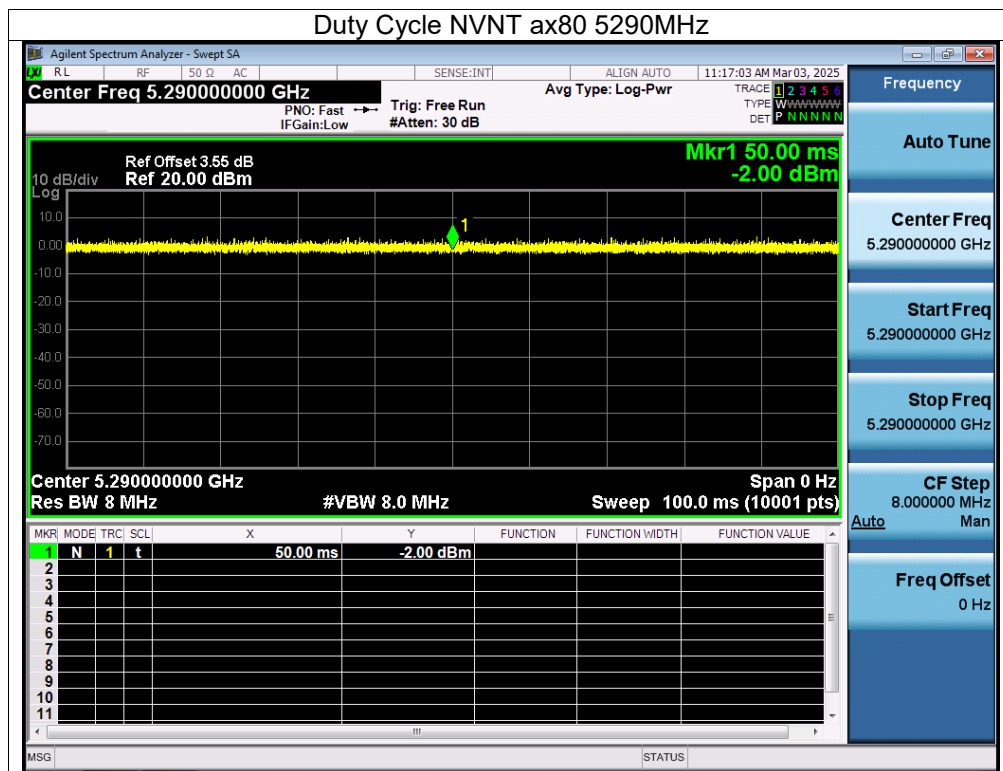






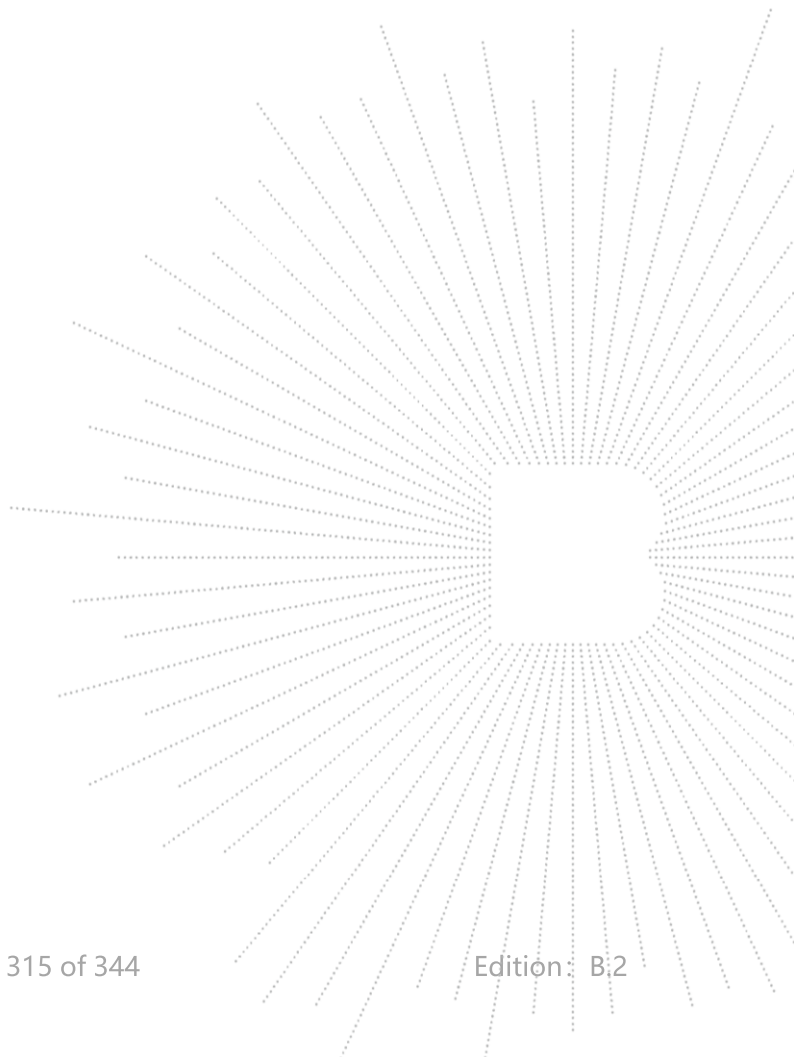


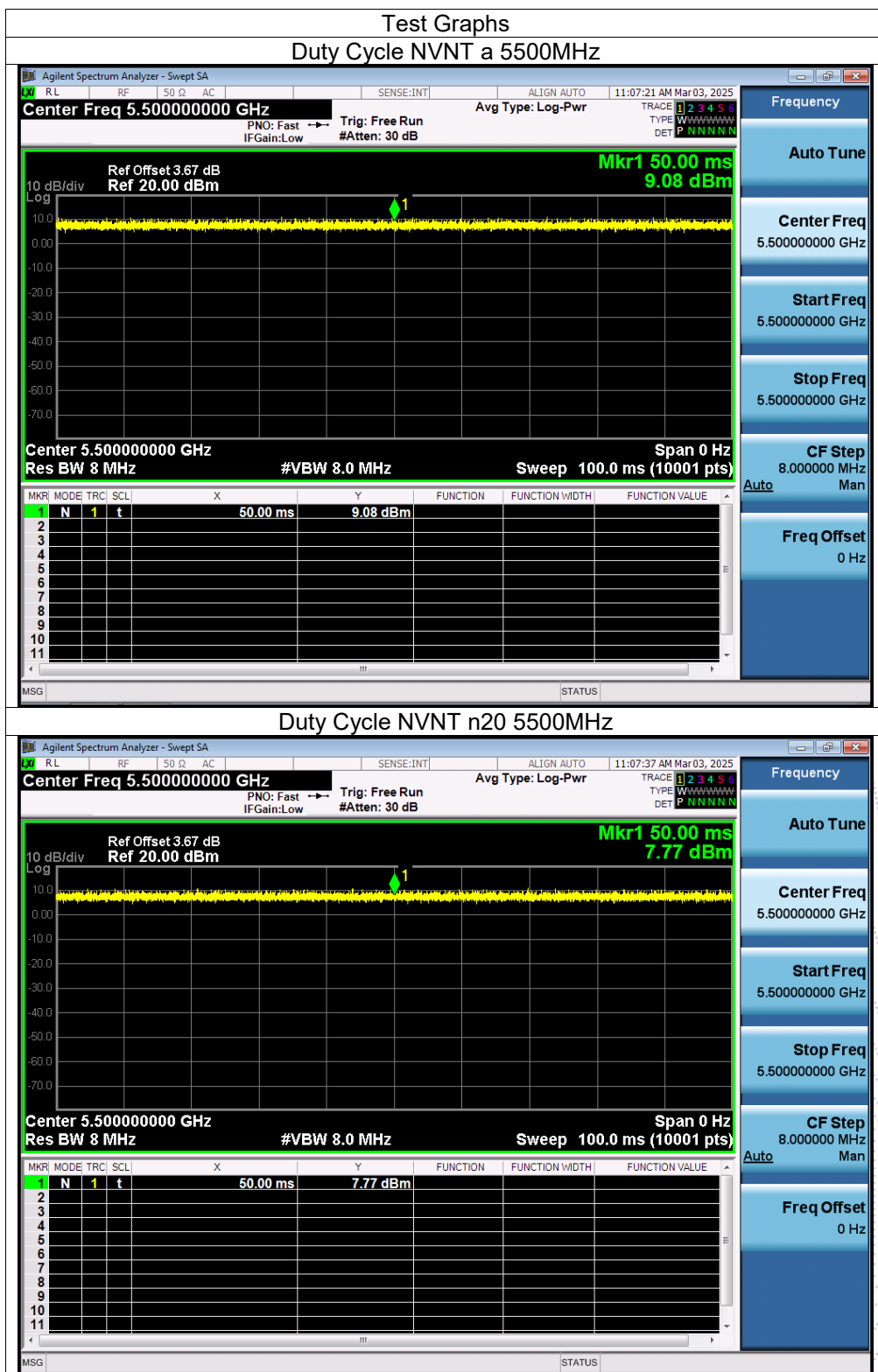


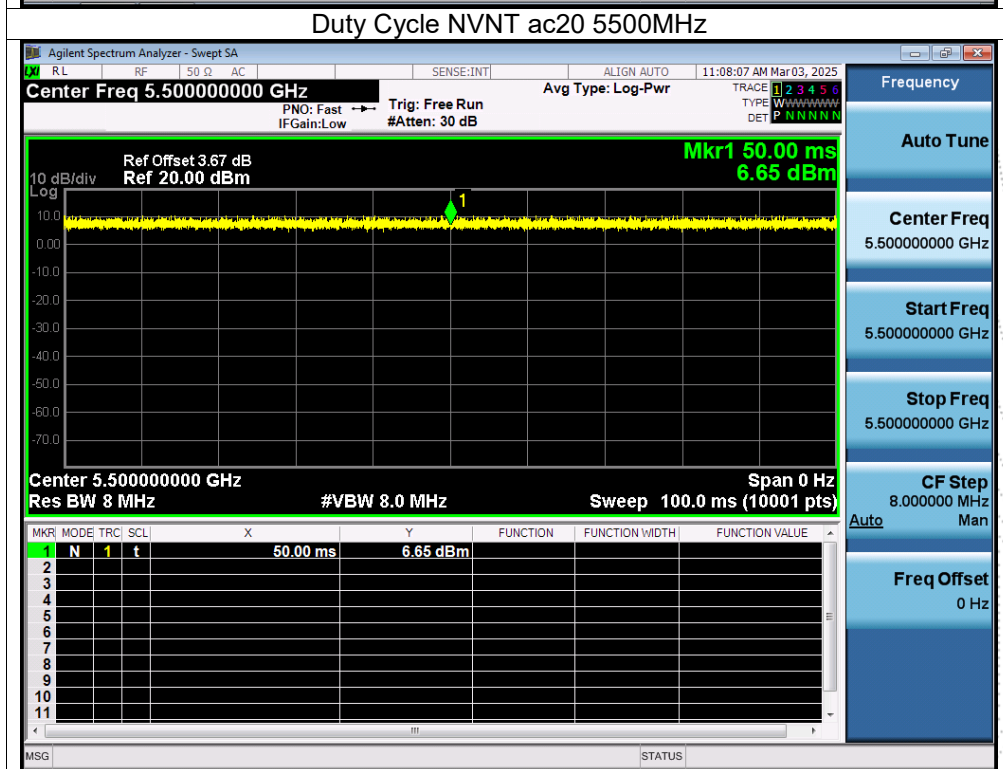
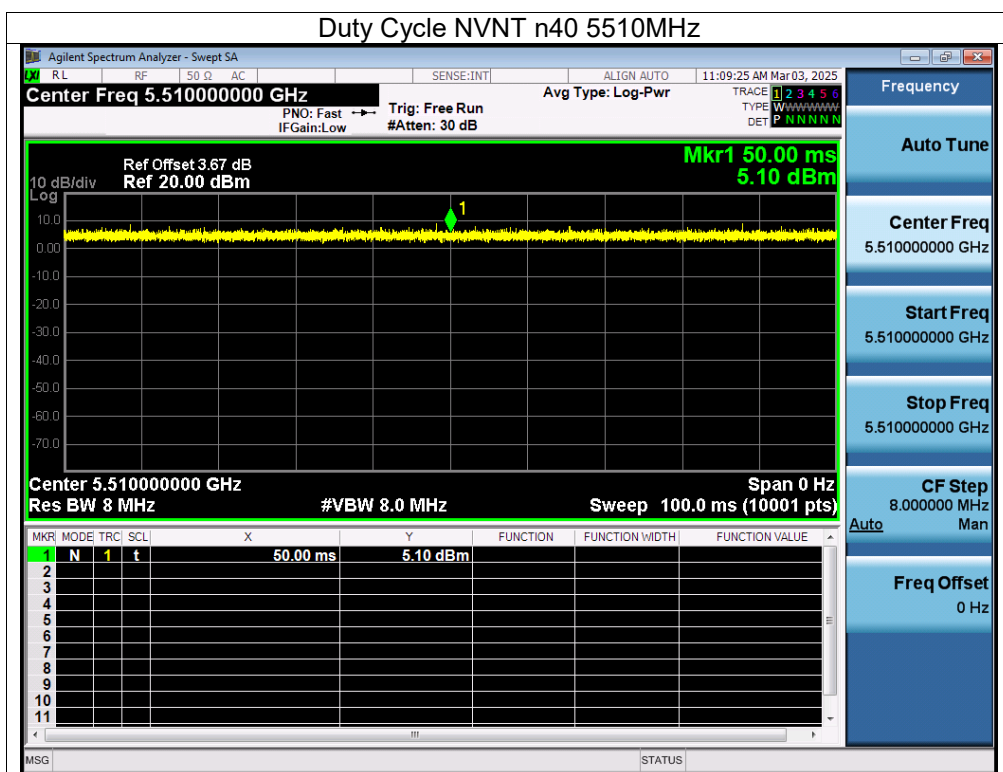


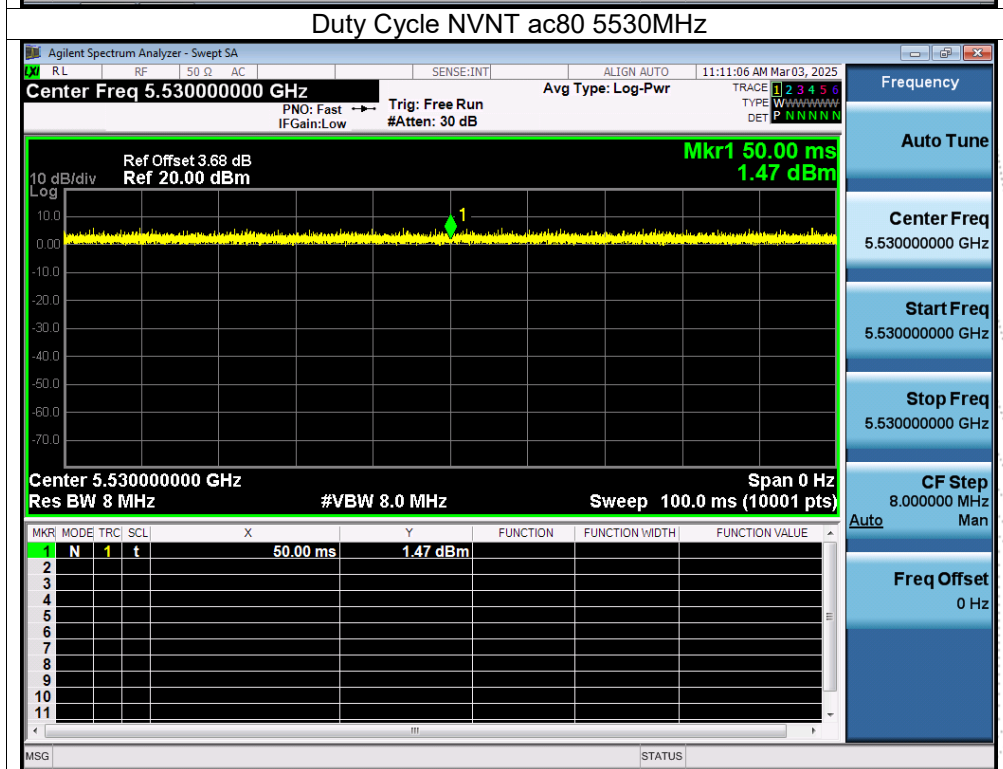
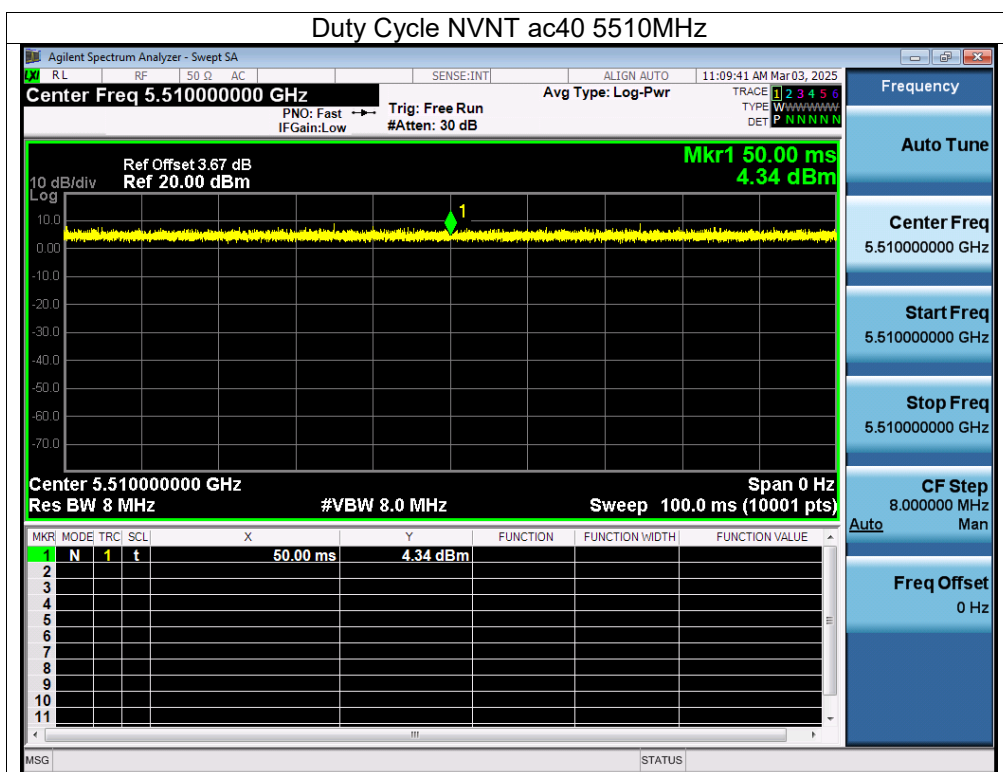
ANT A

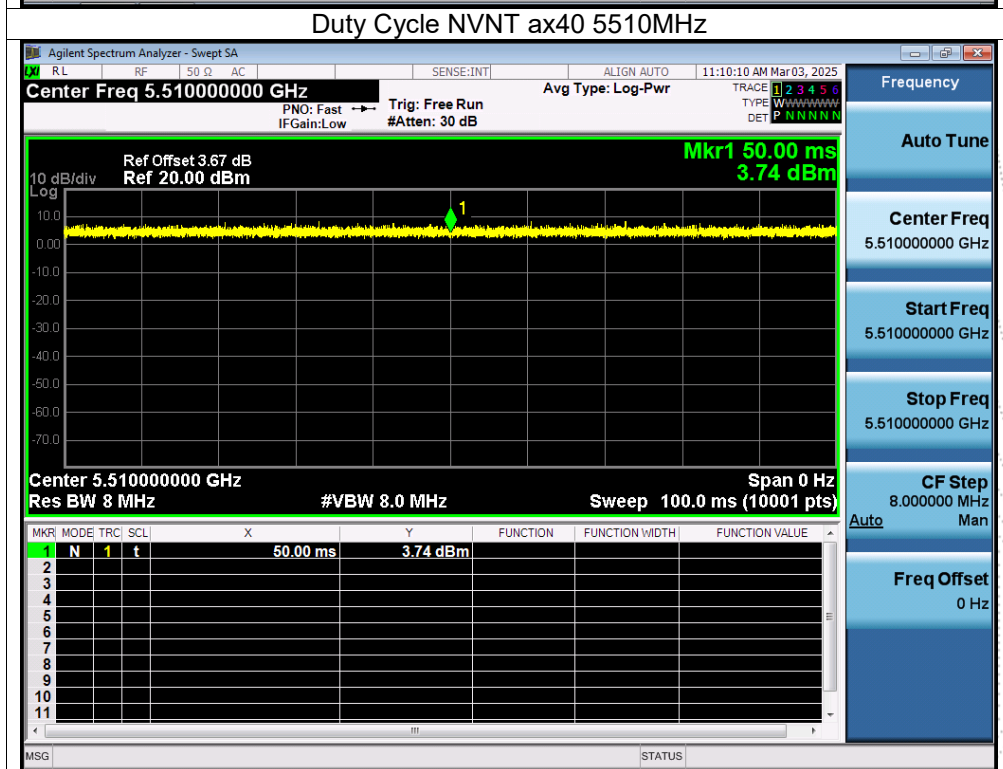
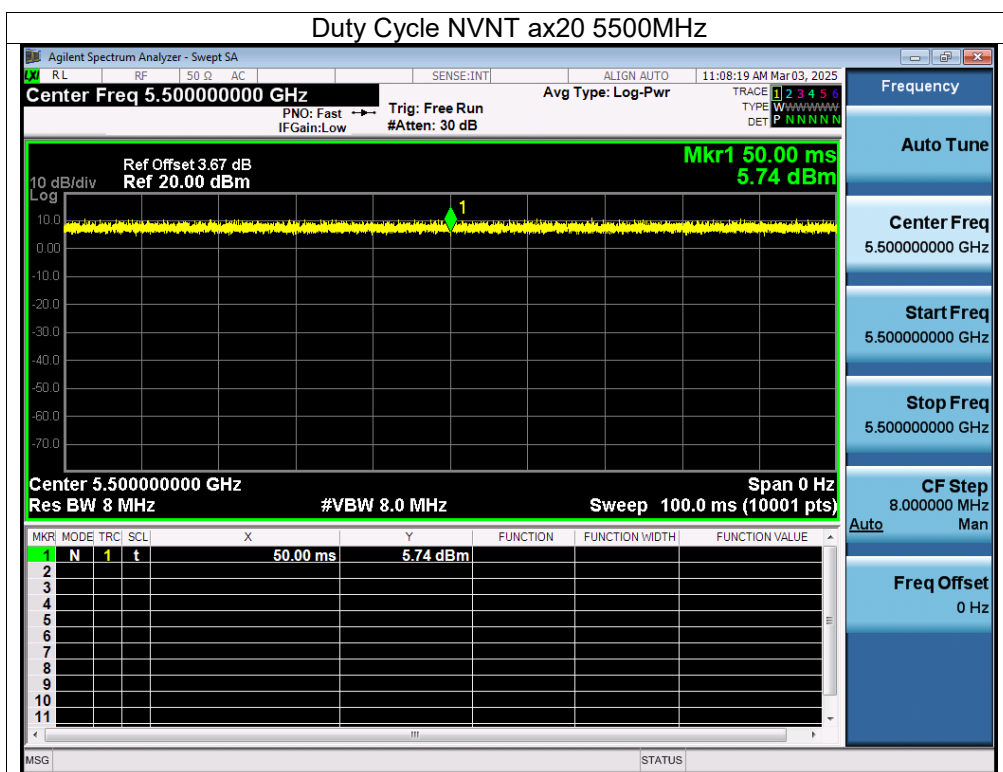
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	100	0
NVNT	n20	5500	100	0
NVNT	n40	5510	100	0
NVNT	ac20	5500	100	0
NVNT	ac40	5510	100	0
NVNT	ac80	5530	100	0
NVNT	ax20	5500	100	0
NVNT	ax40	5510	100	0
NVNT	ax80	5530	100	0

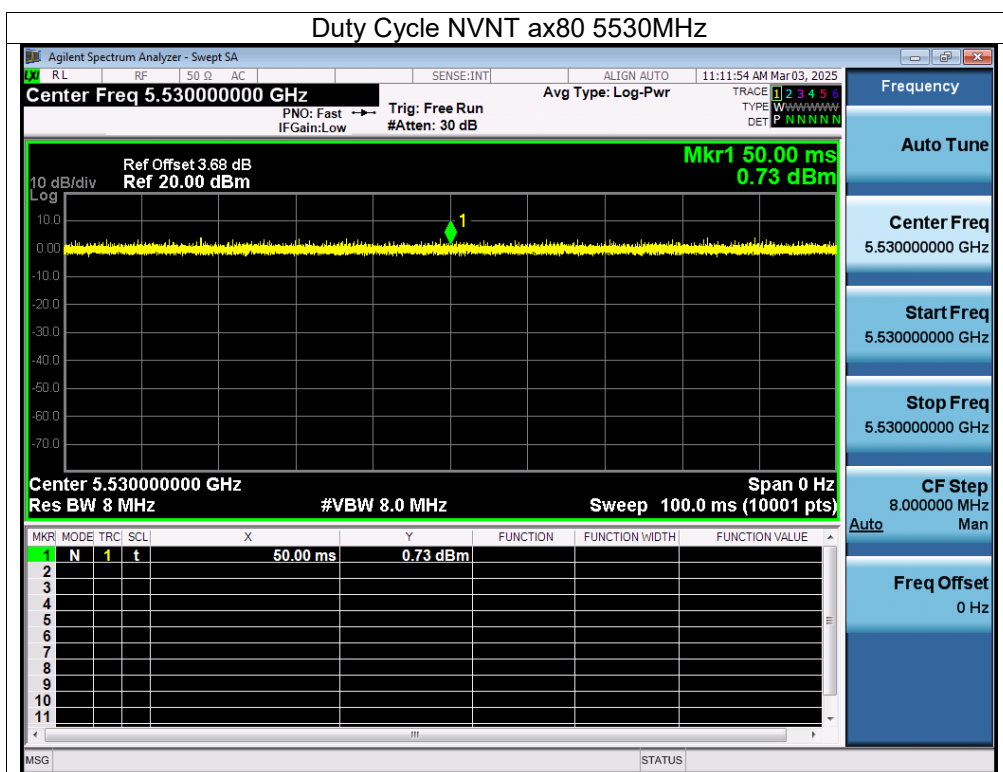






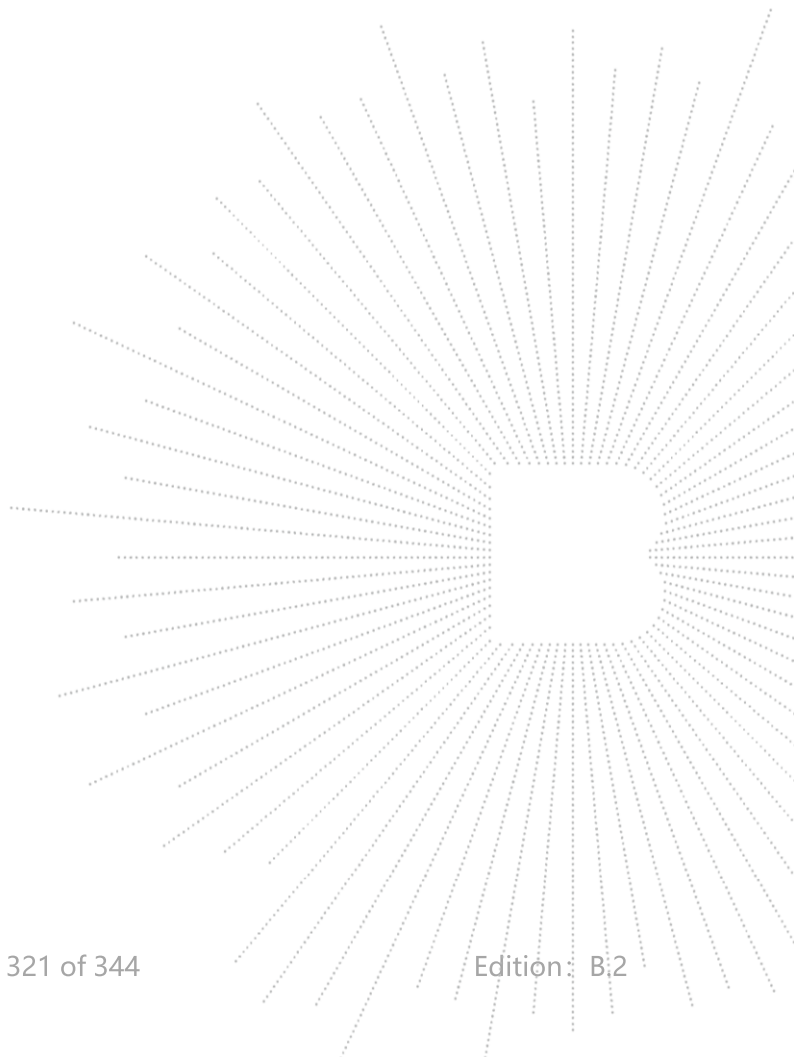


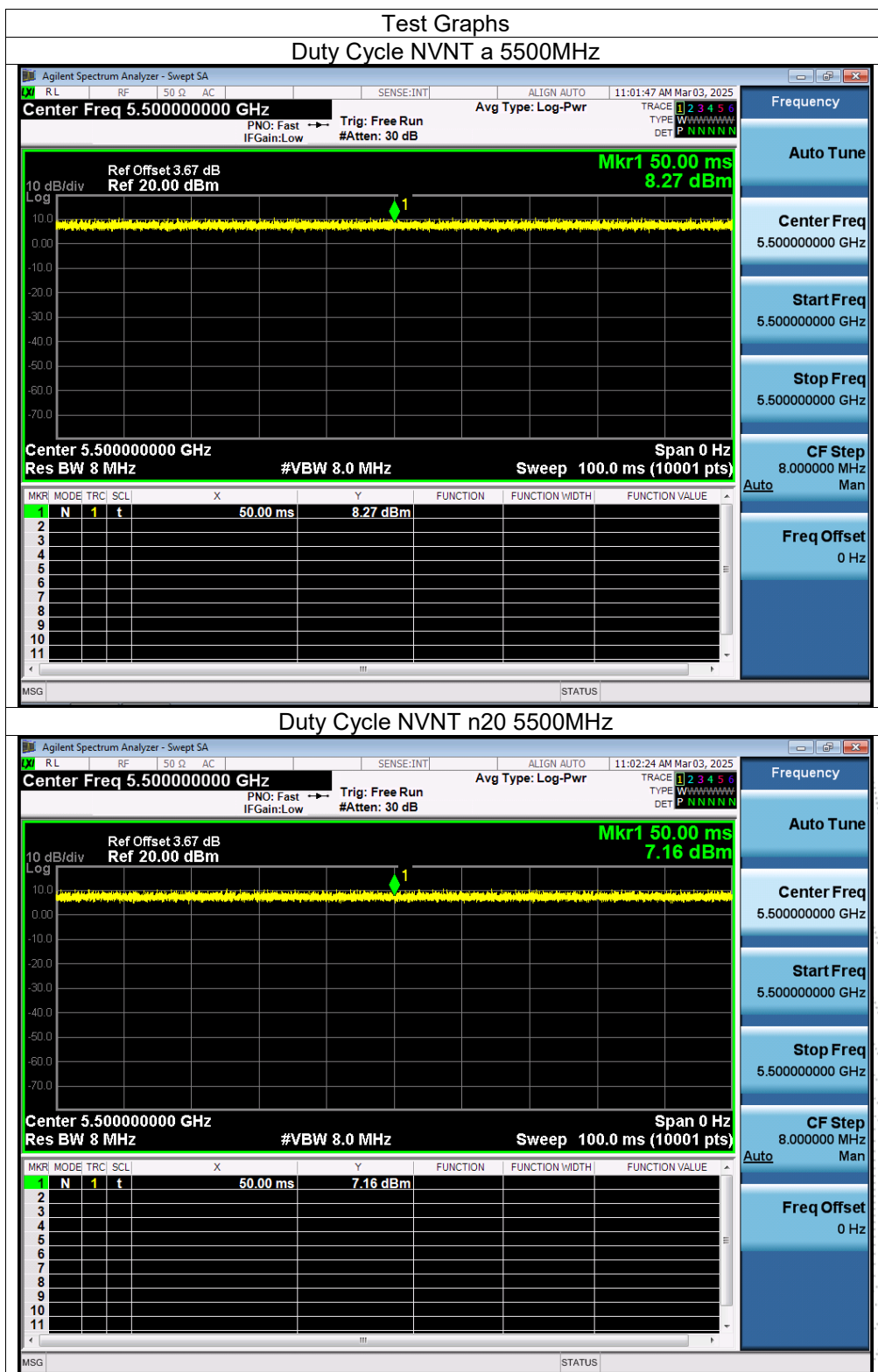


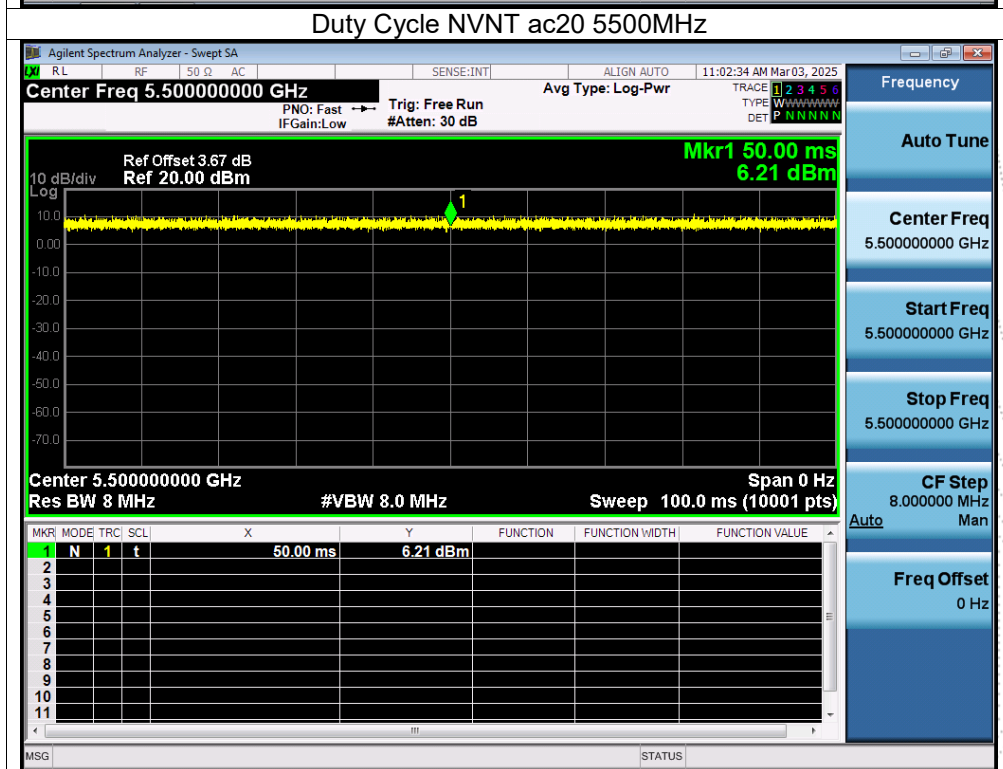
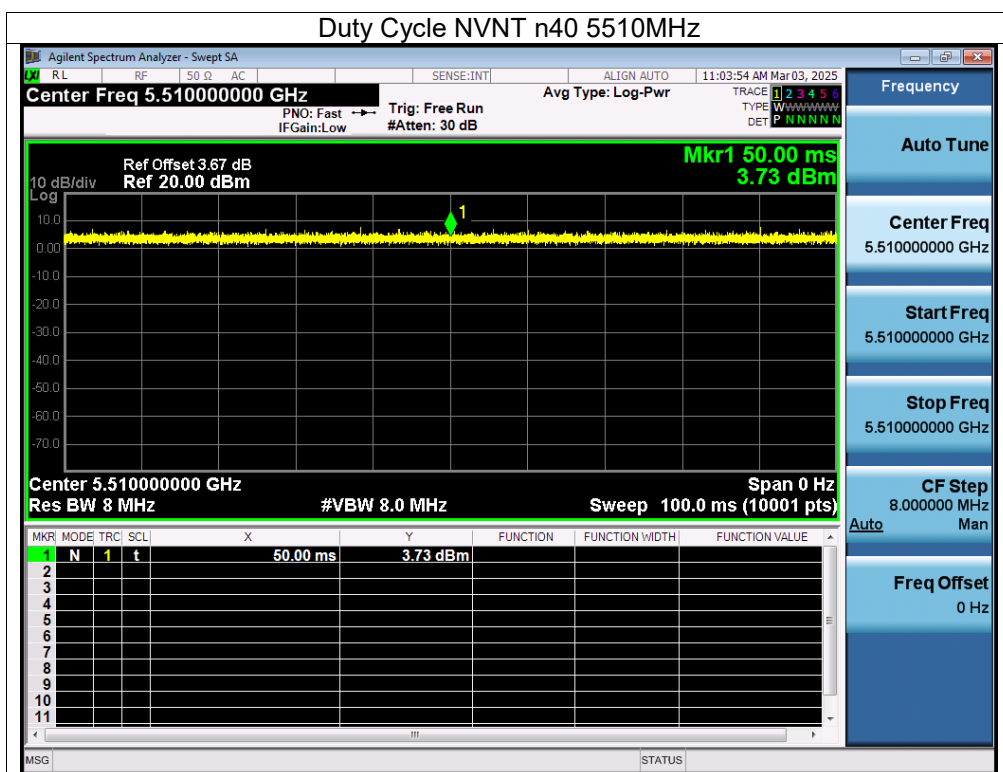


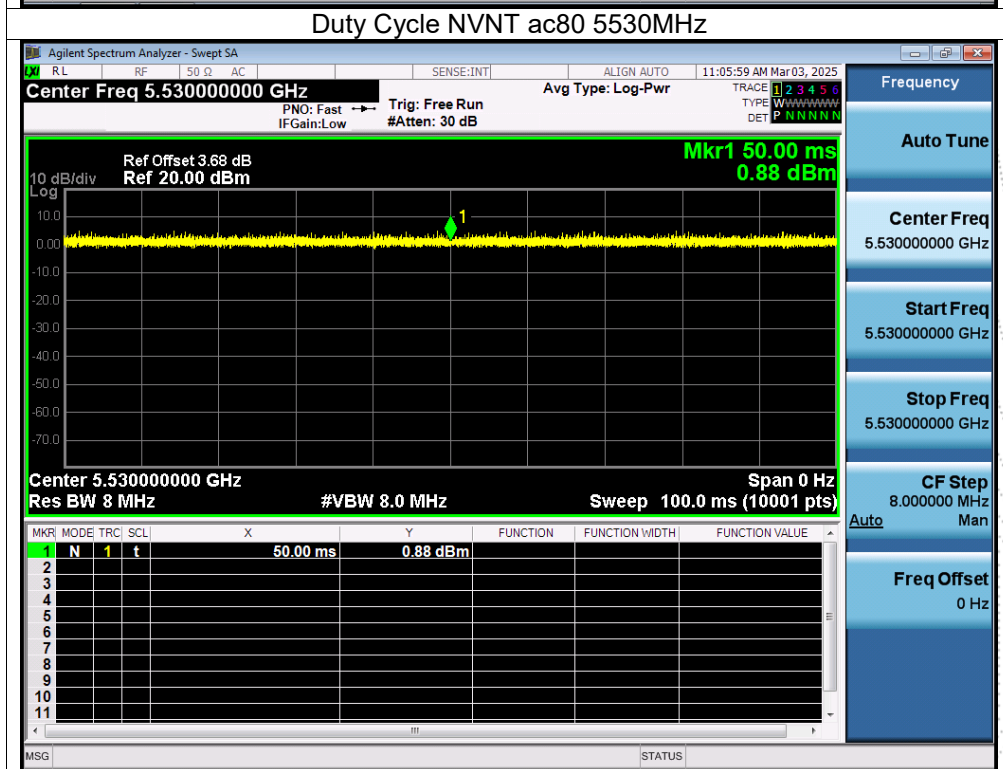
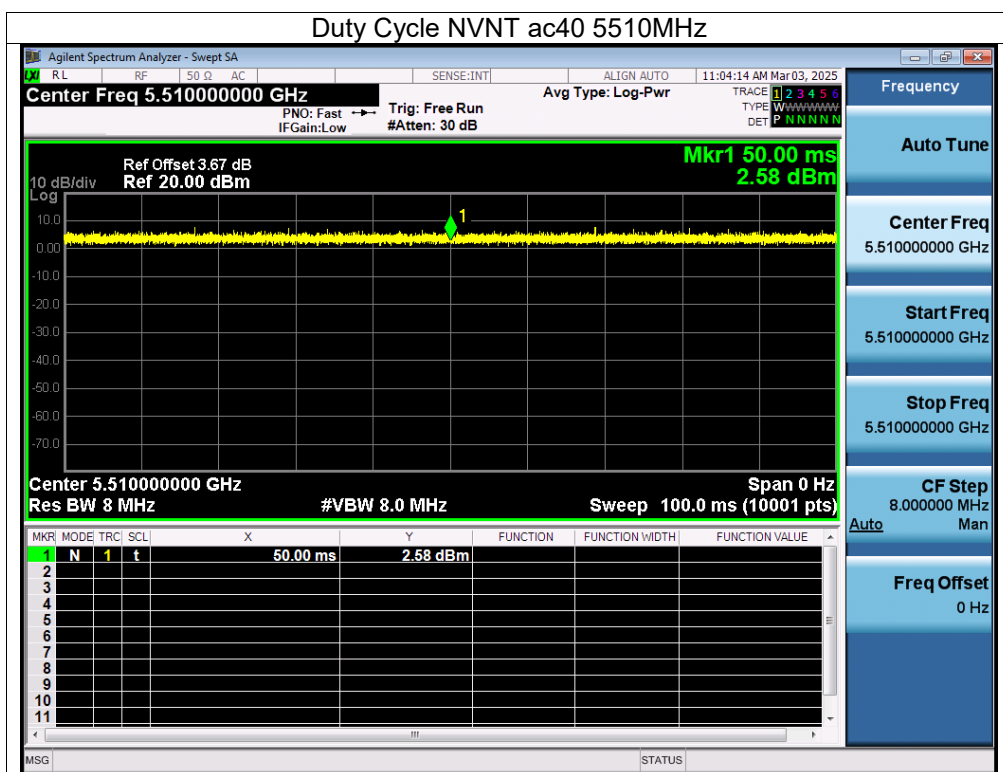
ANT B

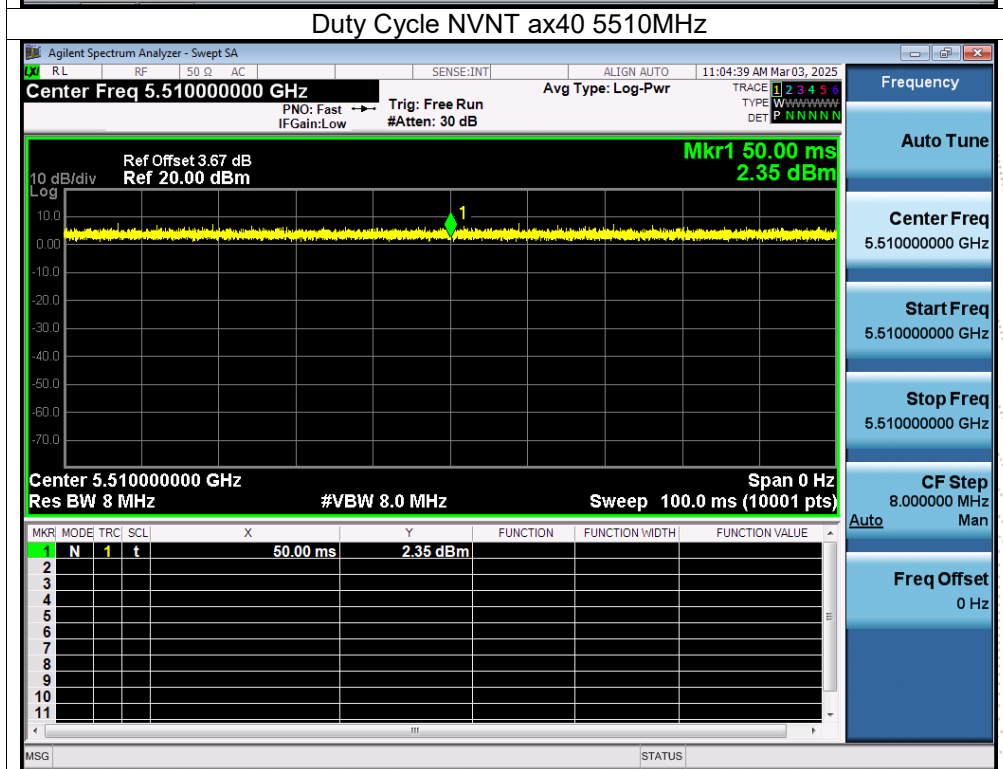
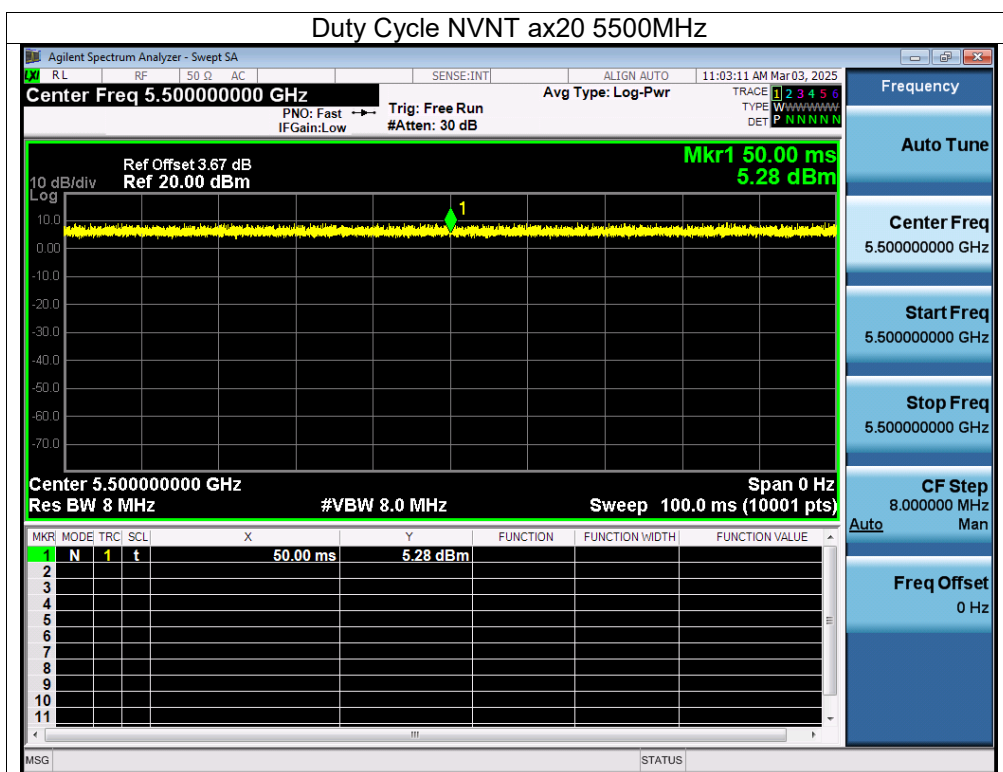
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	100	0
NVNT	n20	5500	100	0
NVNT	n40	5510	100	0
NVNT	ac20	5500	100	0
NVNT	ac40	5510	100	0
NVNT	ac80	5530	100	0
NVNT	ax20	5500	100	0
NVNT	ax40	5510	100	0
NVNT	ax80	5530	100	0

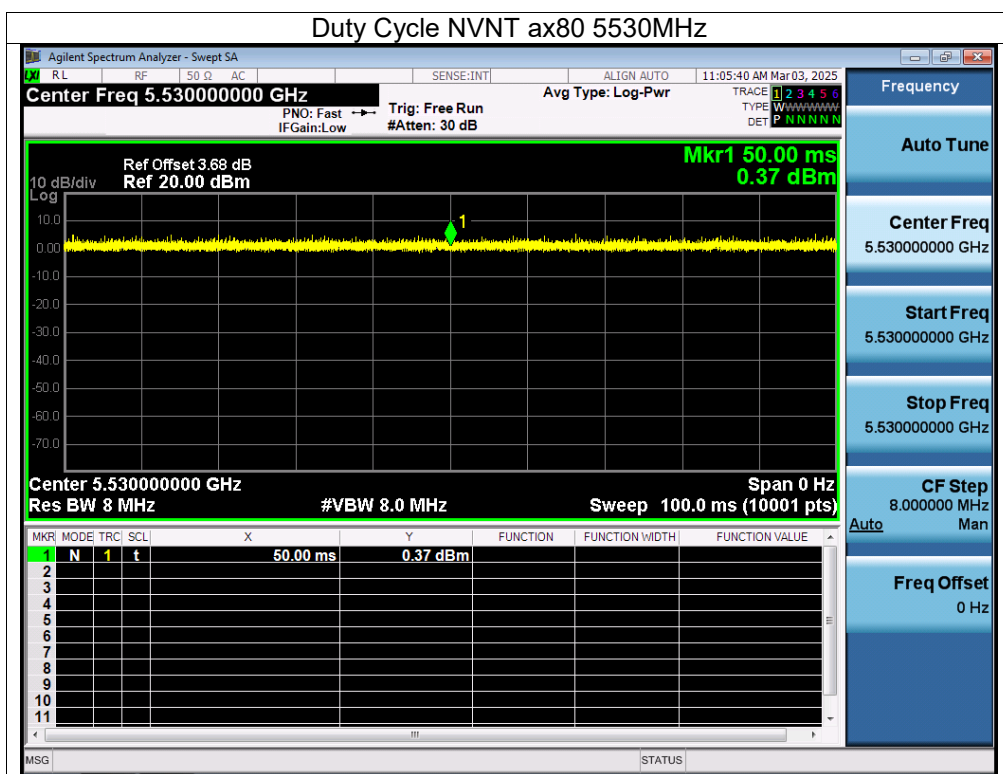






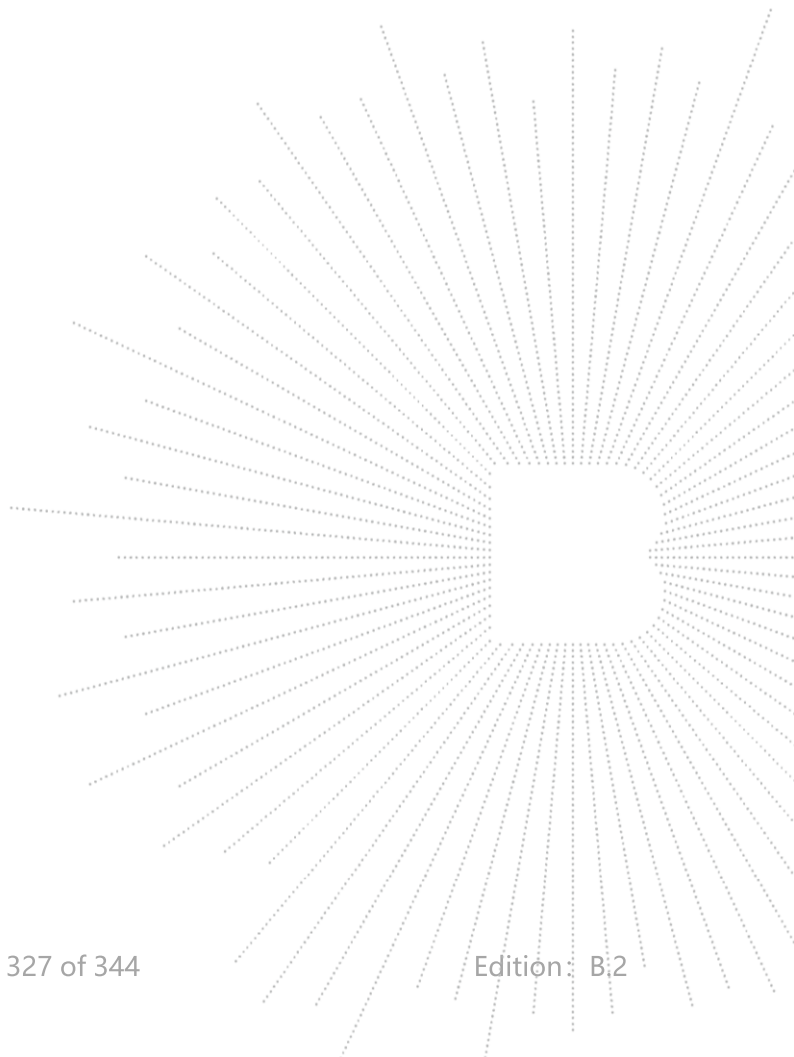


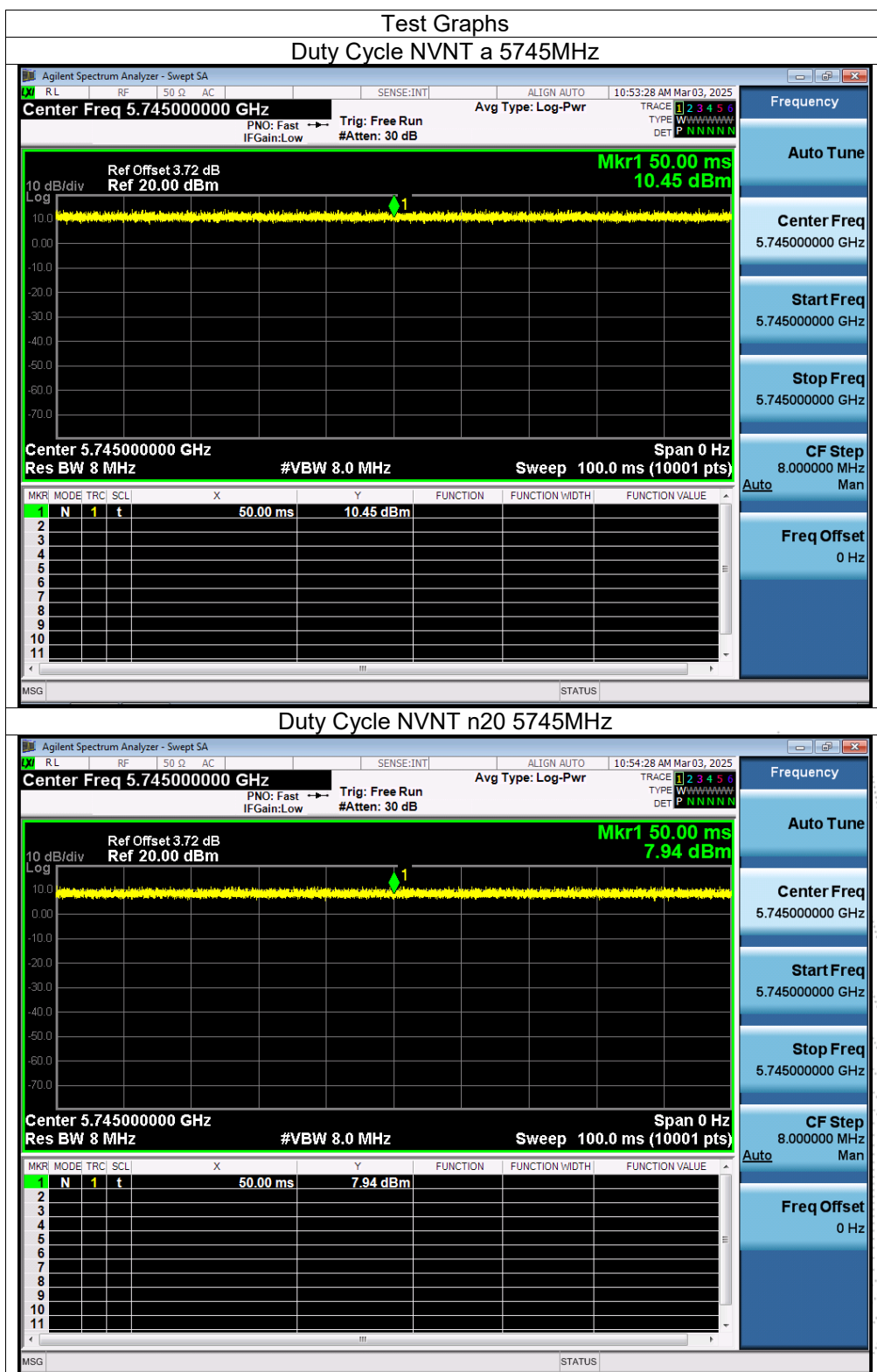


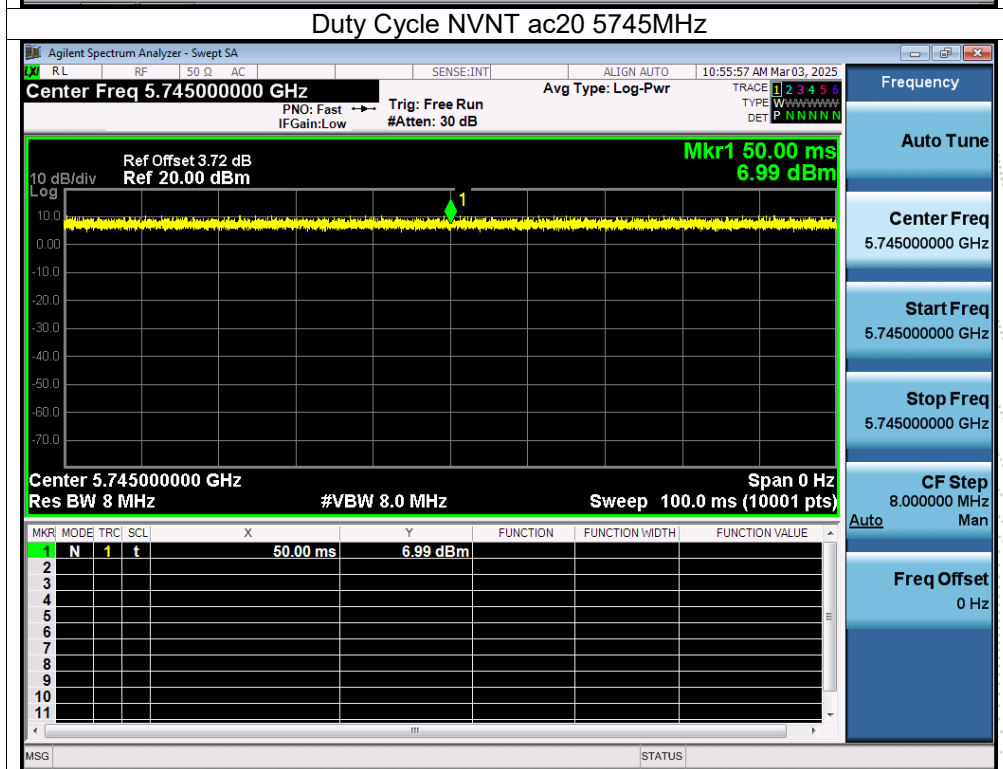
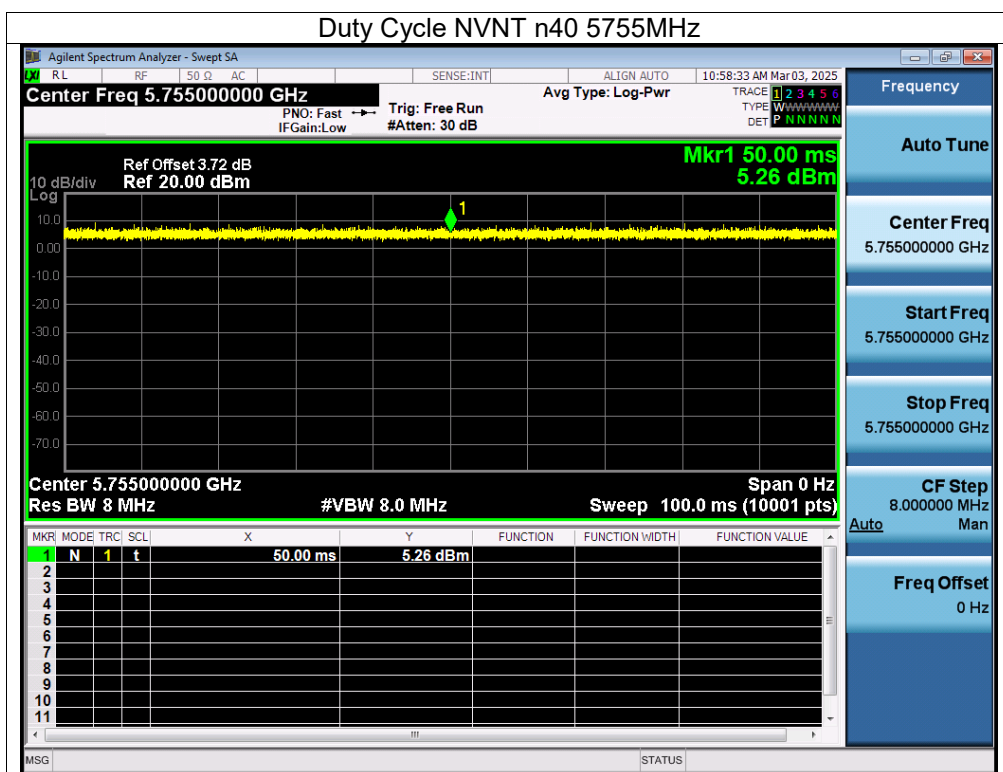


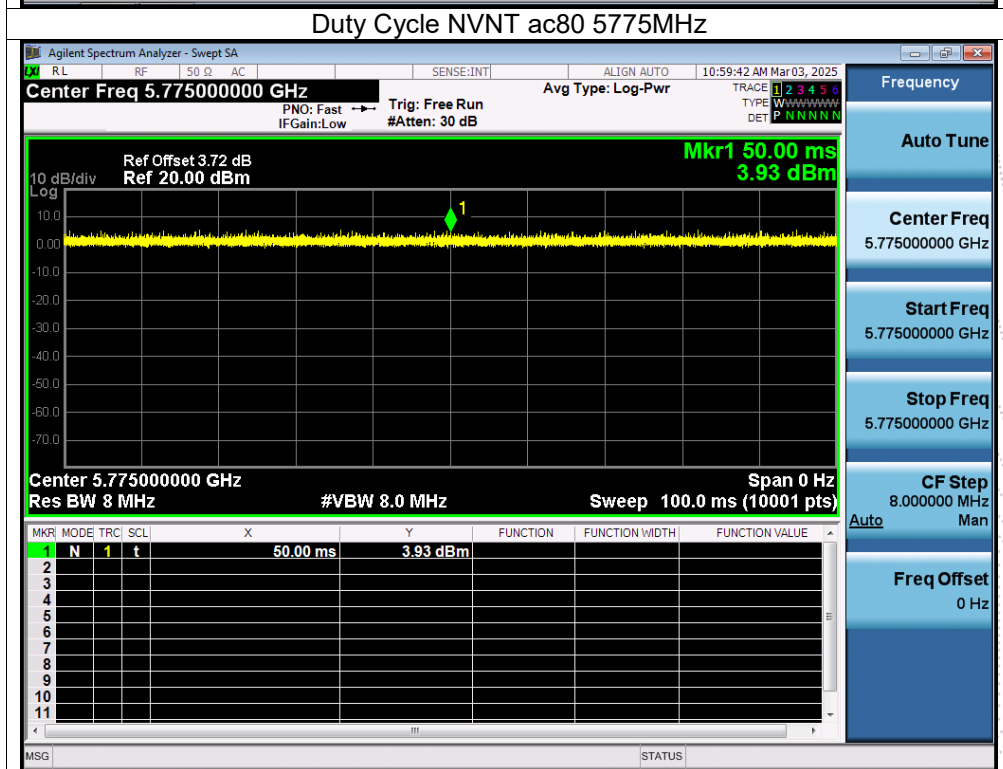
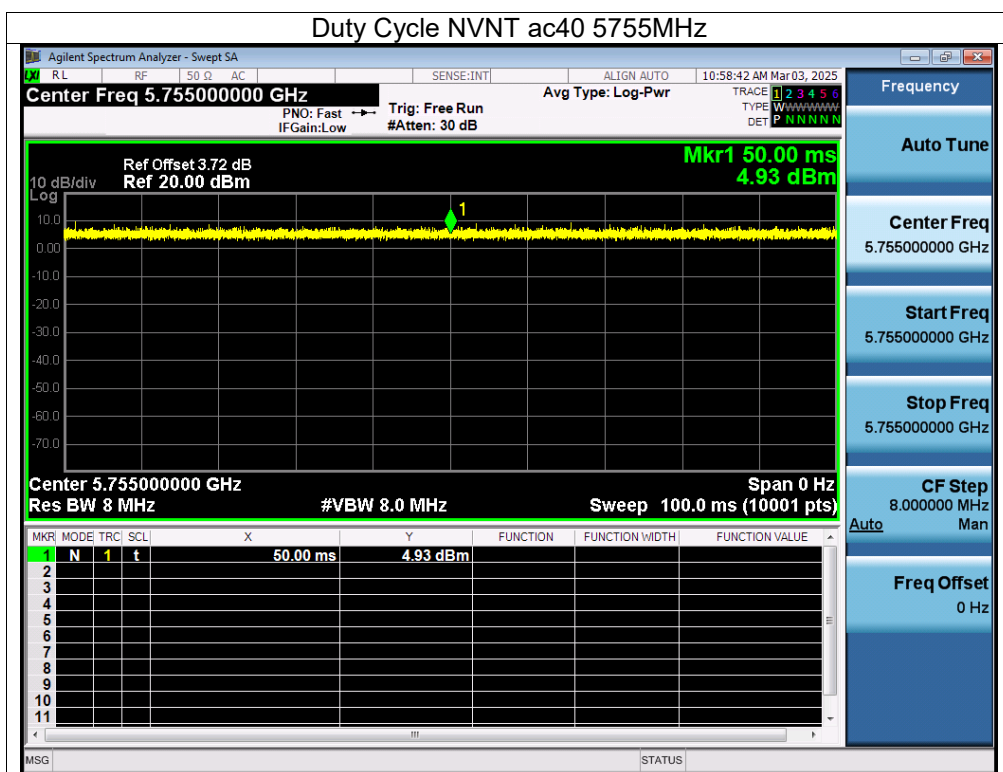
ANT A

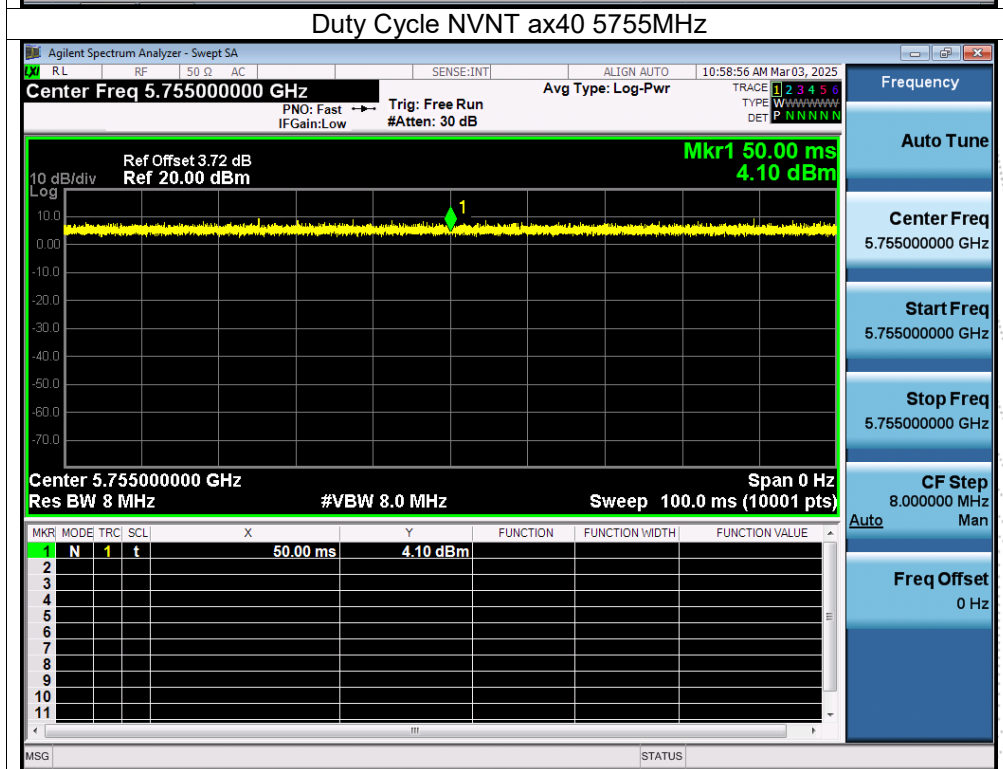
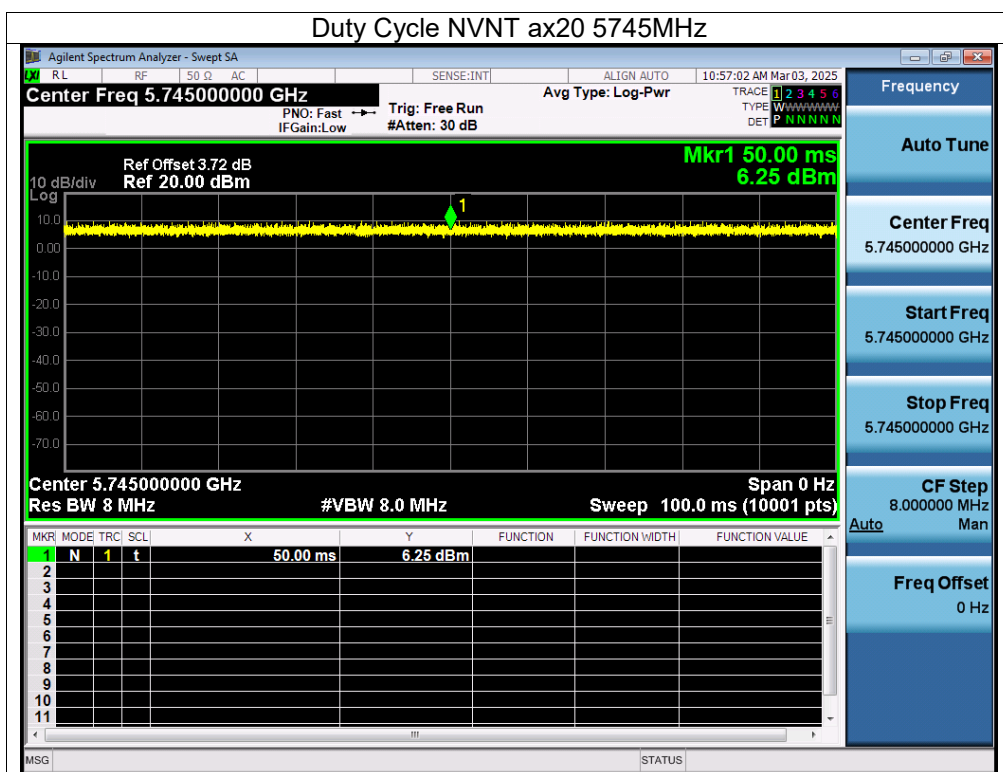
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	100	0
NVNT	n20	5745	100	0
NVNT	n40	5755	100	0
NVNT	ac20	5745	100	0
NVNT	ac40	5755	100	0
NVNT	ac80	5775	100	0
NVNT	ax20	5745	100	0
NVNT	ax40	5755	100	0
NVNT	ax80	5775	100	0

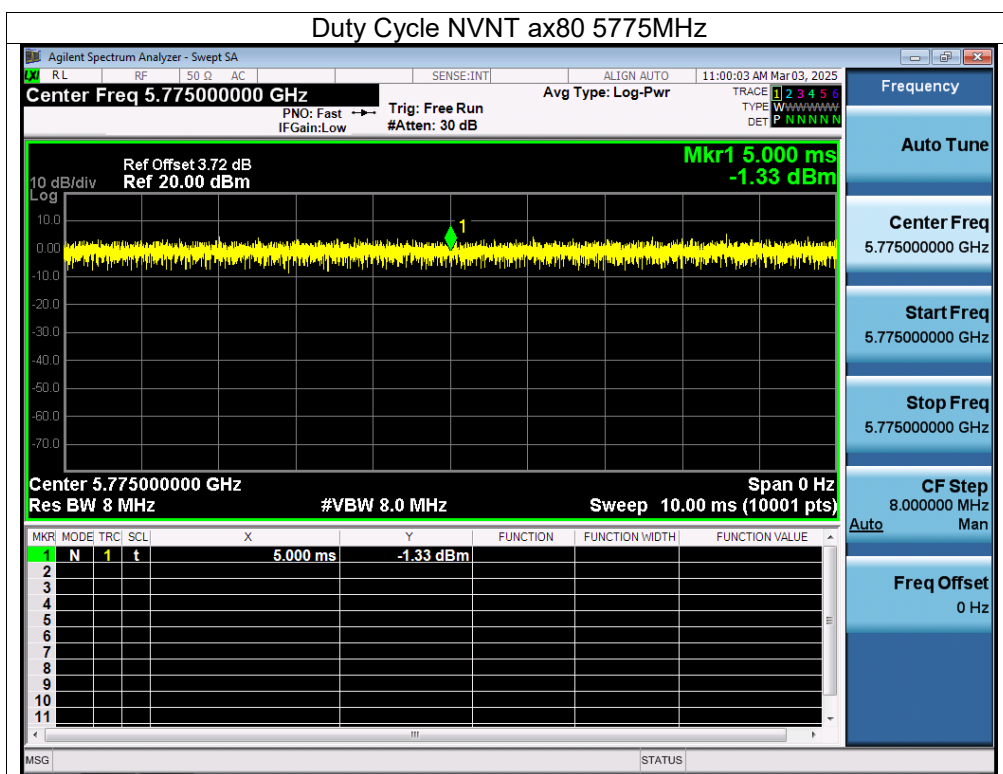






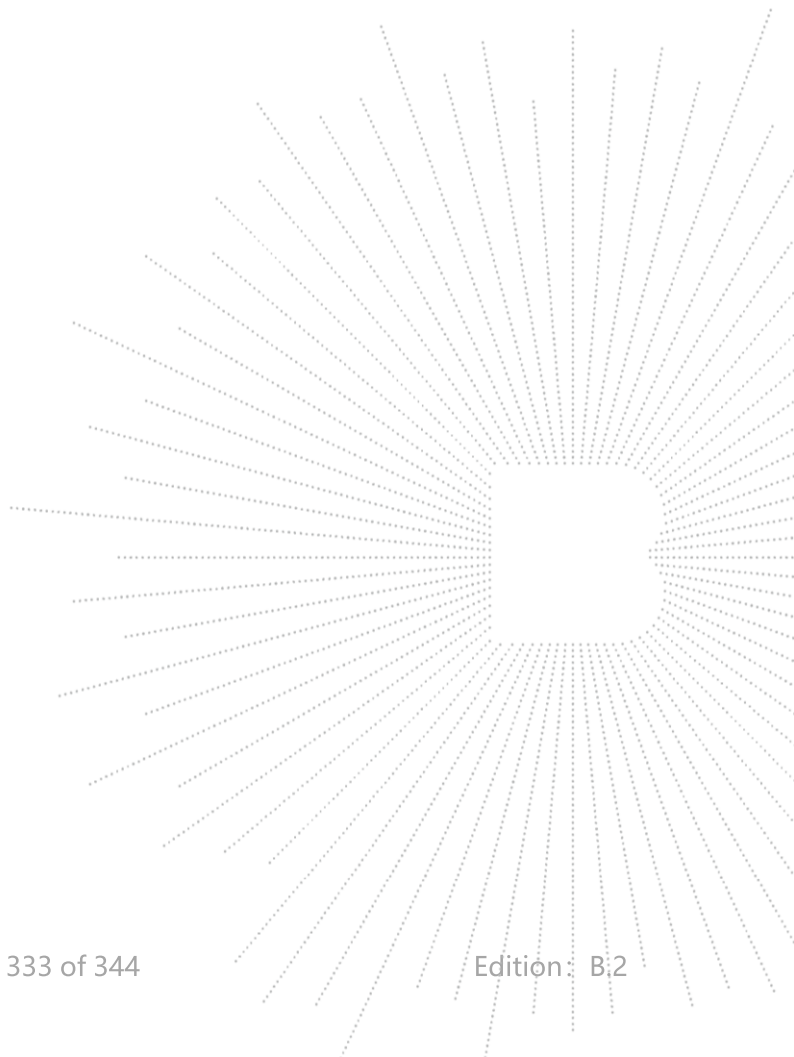


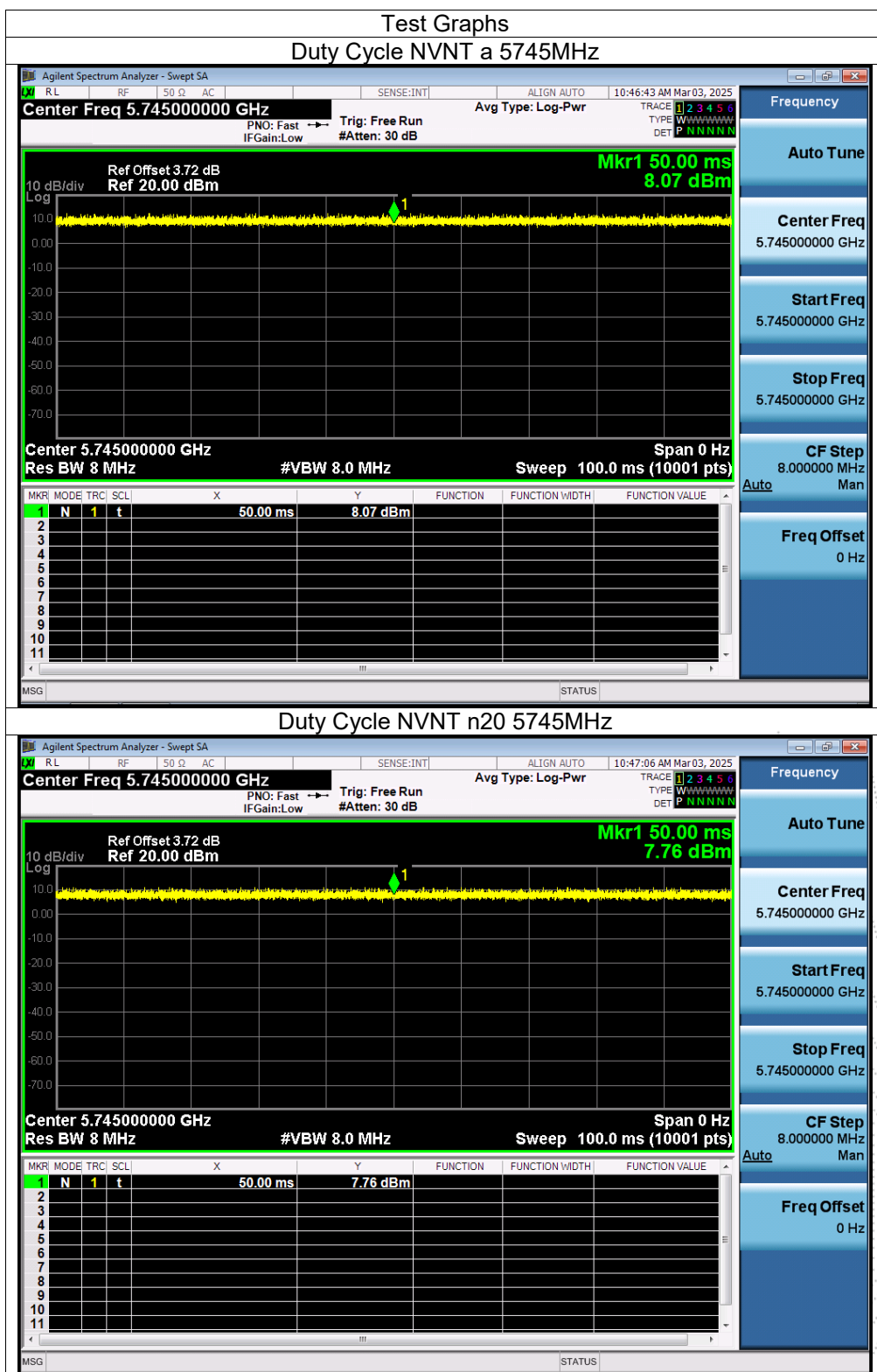


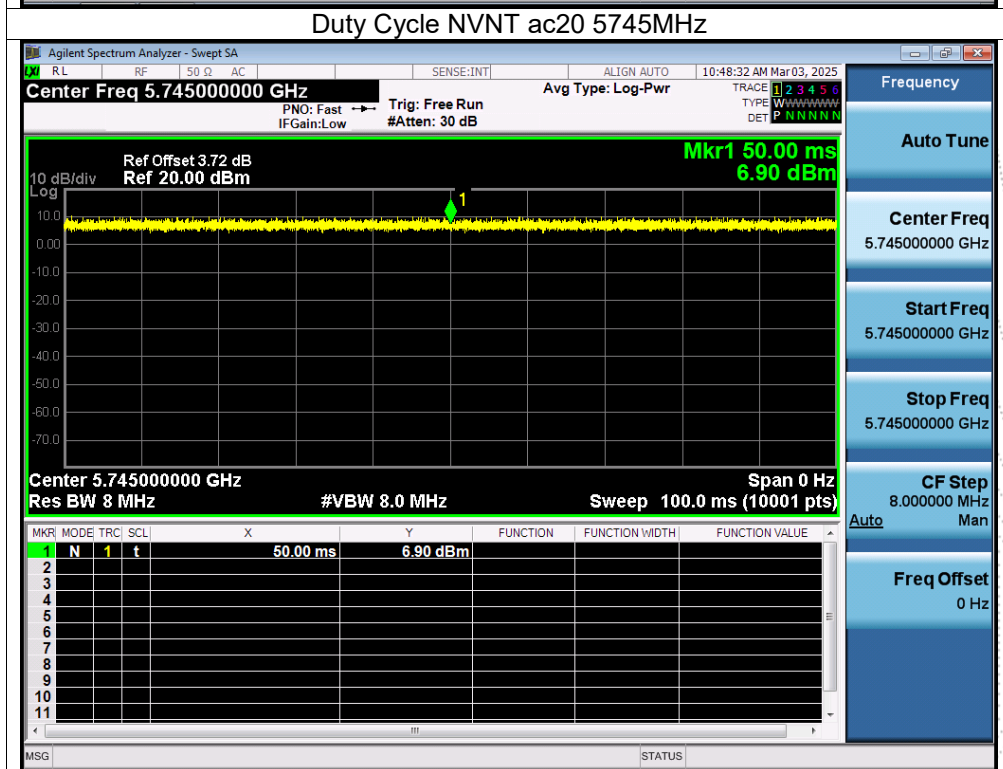
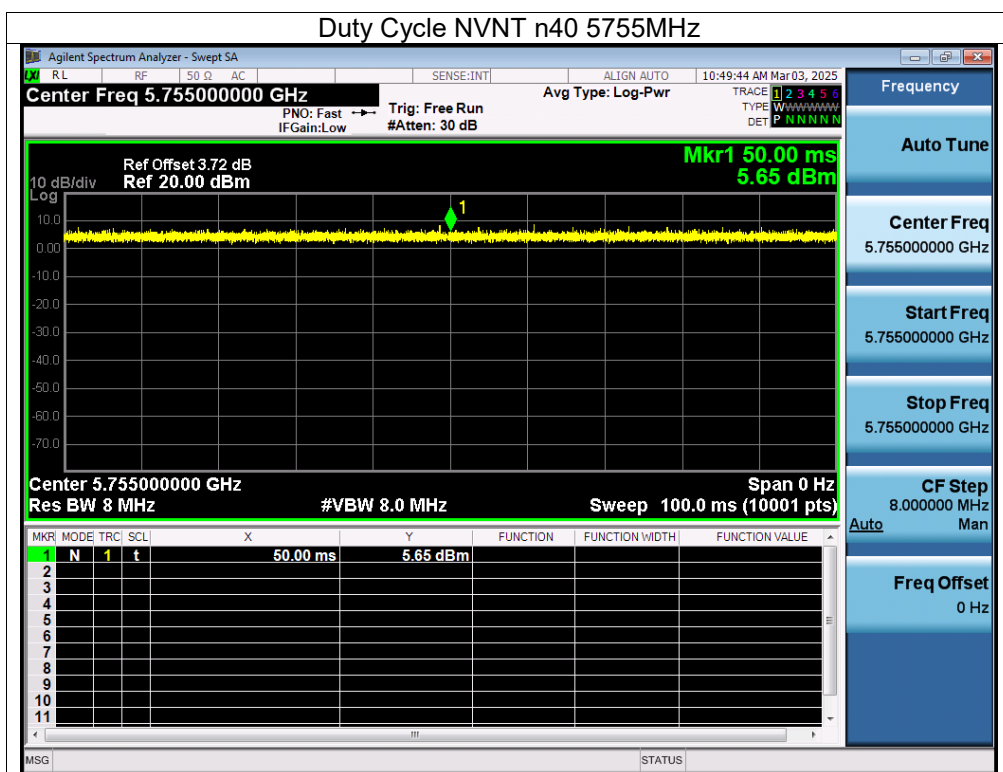


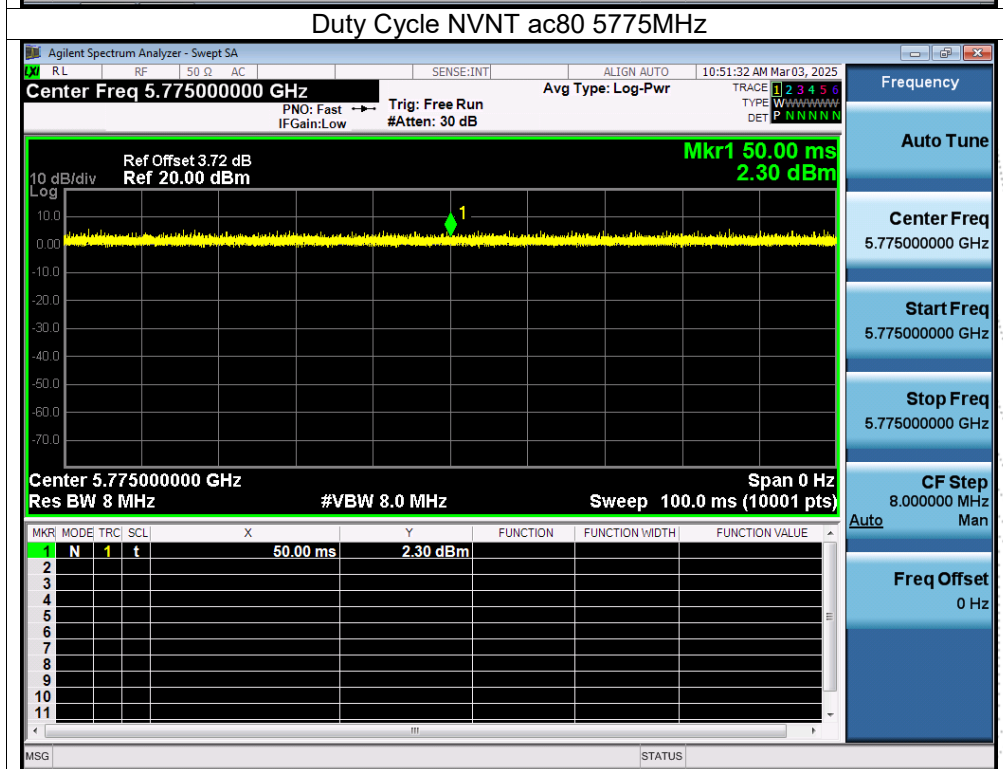
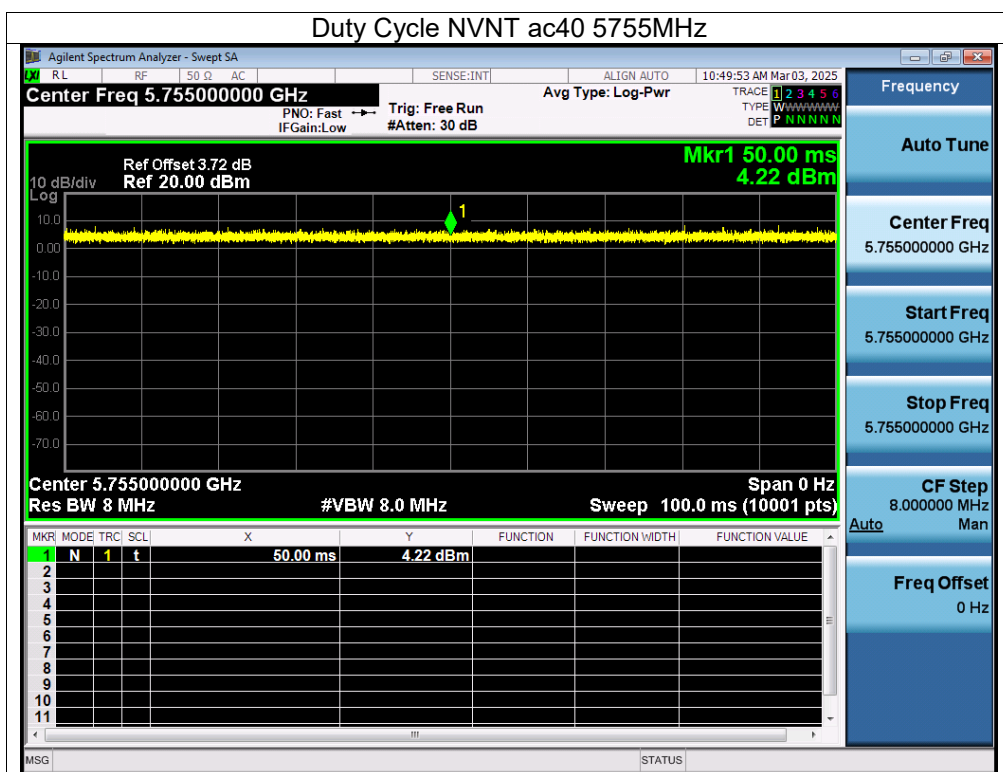
ANT B

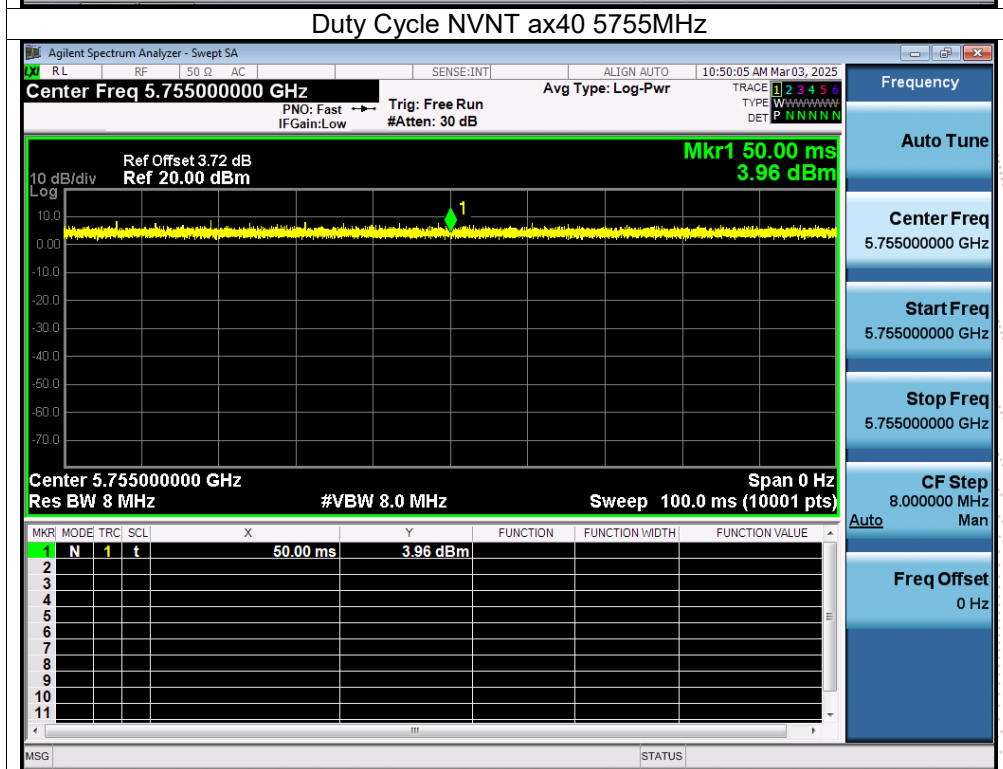
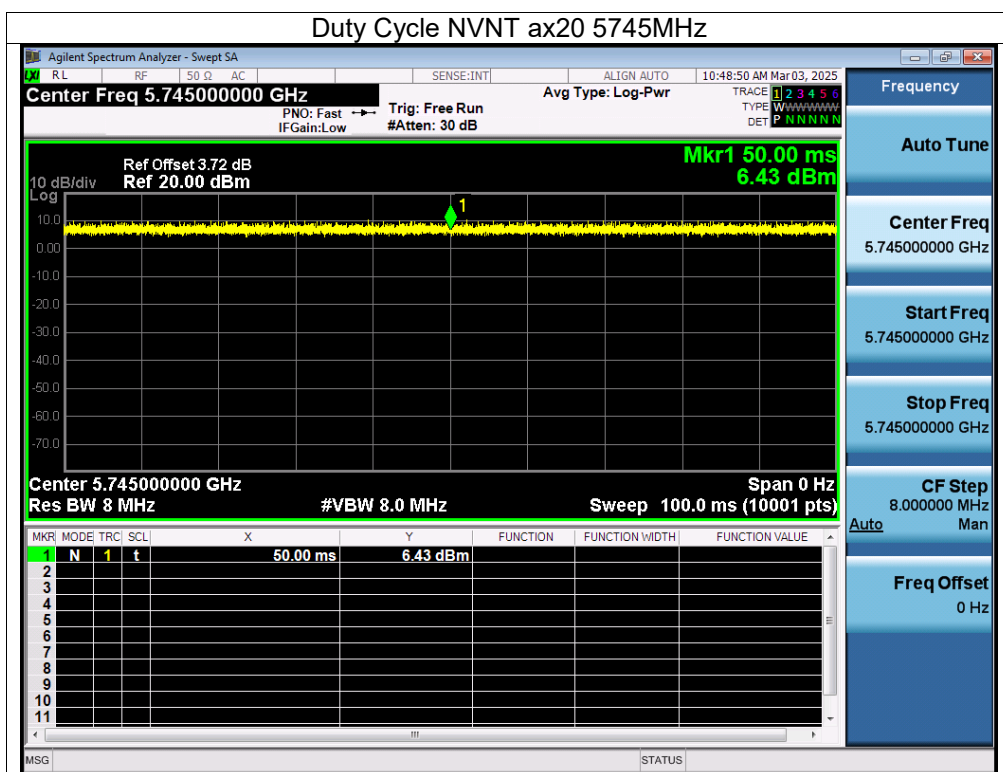
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	100	0
NVNT	n20	5745	100	0
NVNT	n40	5755	100	0
NVNT	ac20	5745	100	0
NVNT	ac40	5755	100	0
NVNT	ac80	5775	100	0
NVNT	ax20	5745	100	0
NVNT	ax40	5755	100	0
NVNT	ax80	5775	100	0

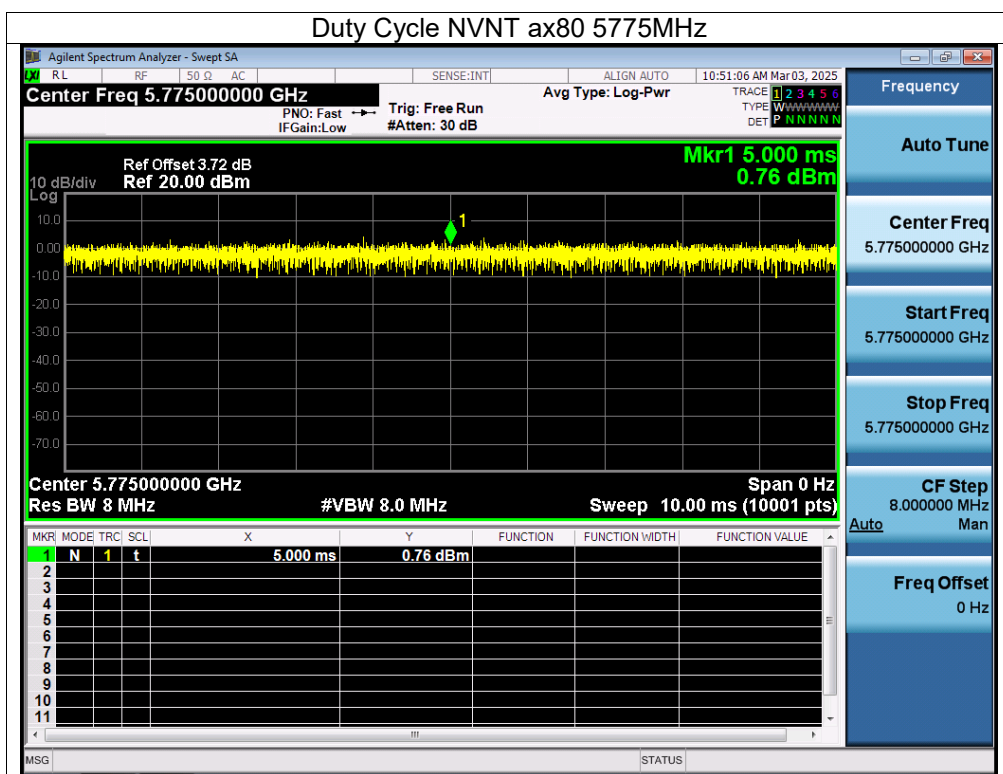












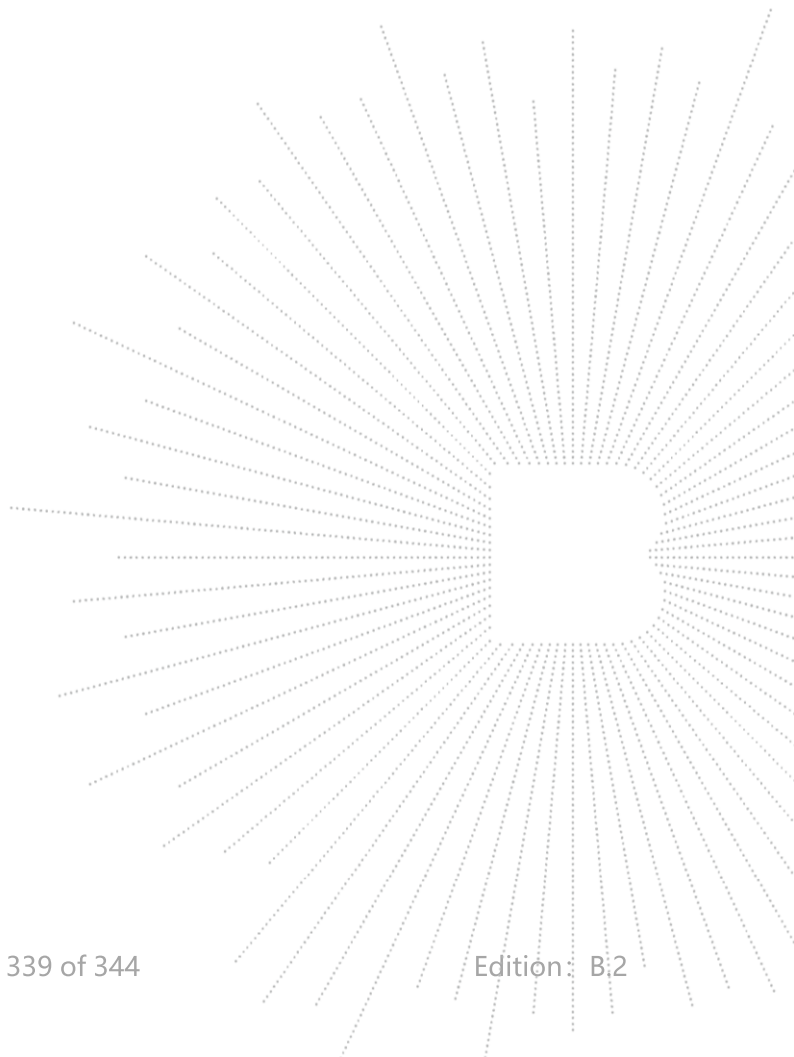
15. Antenna Requirement

15.1 Limit

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

15.2 Test Result

The EUT antenna is Internal antenna (antenna gain (A): 3.74 dBi; antenna gain (B): 3.85 dBi). It comply with the standard requirement.



16. EUT Photographs

EUT Photo 1



EUT Photo 2

