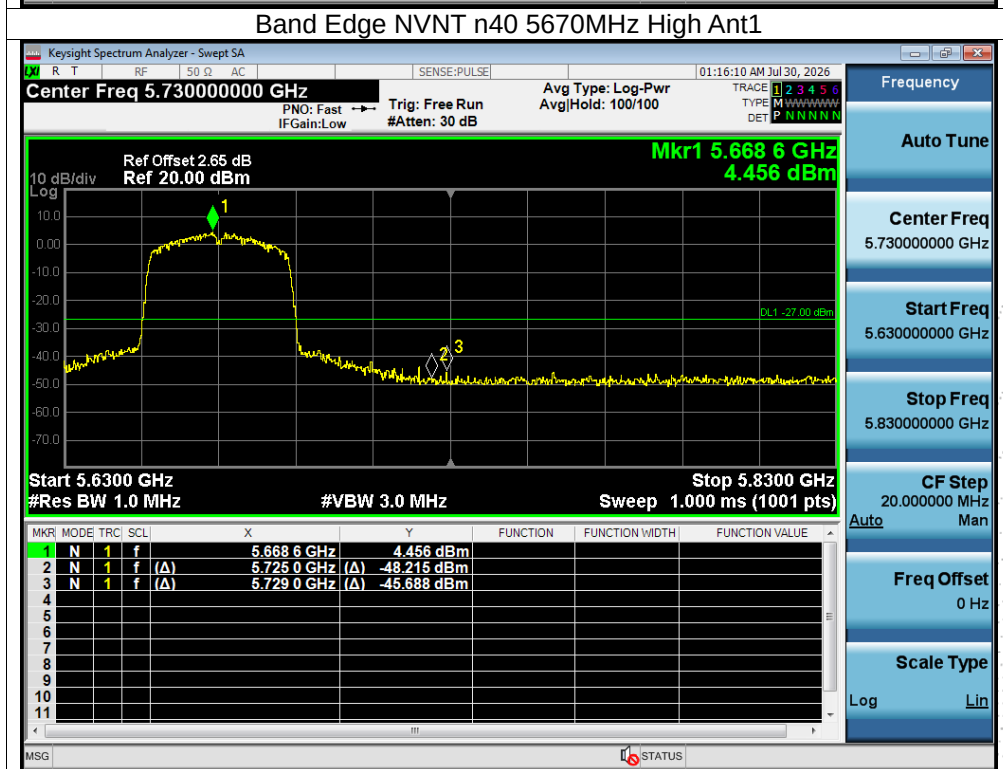
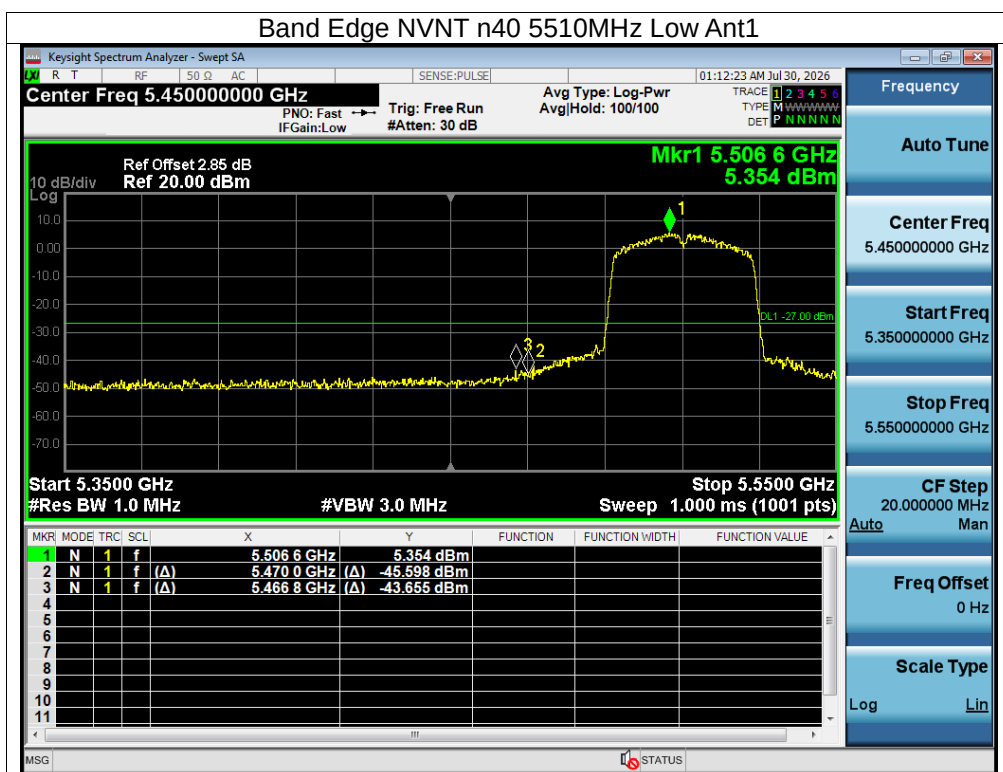
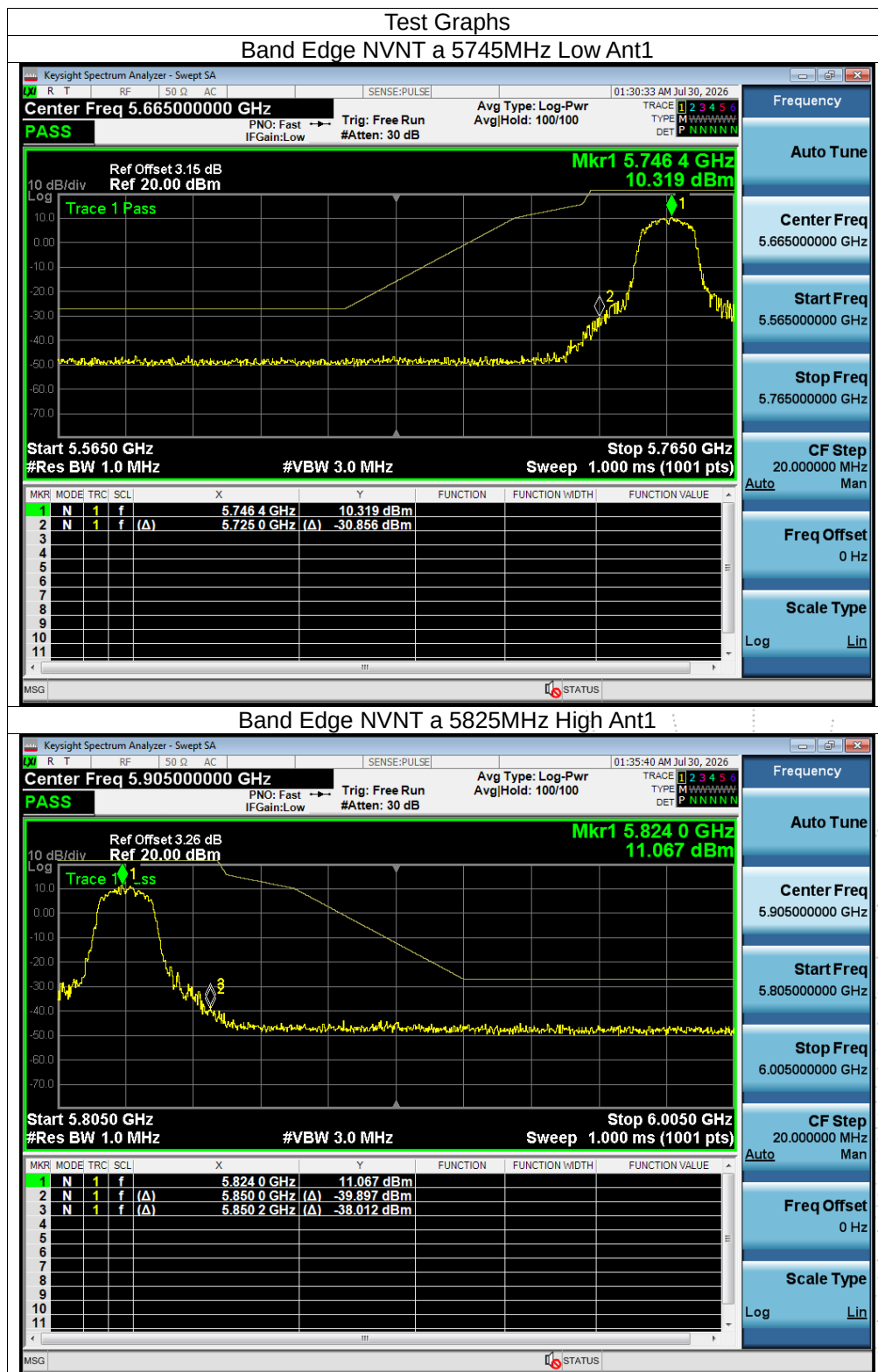
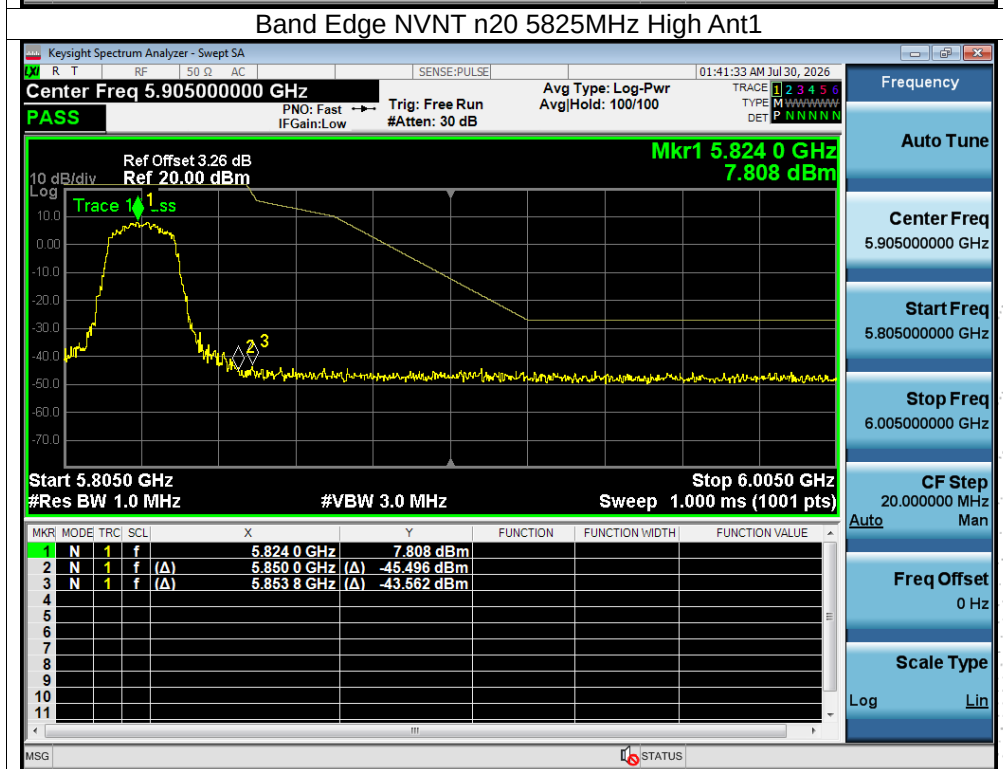
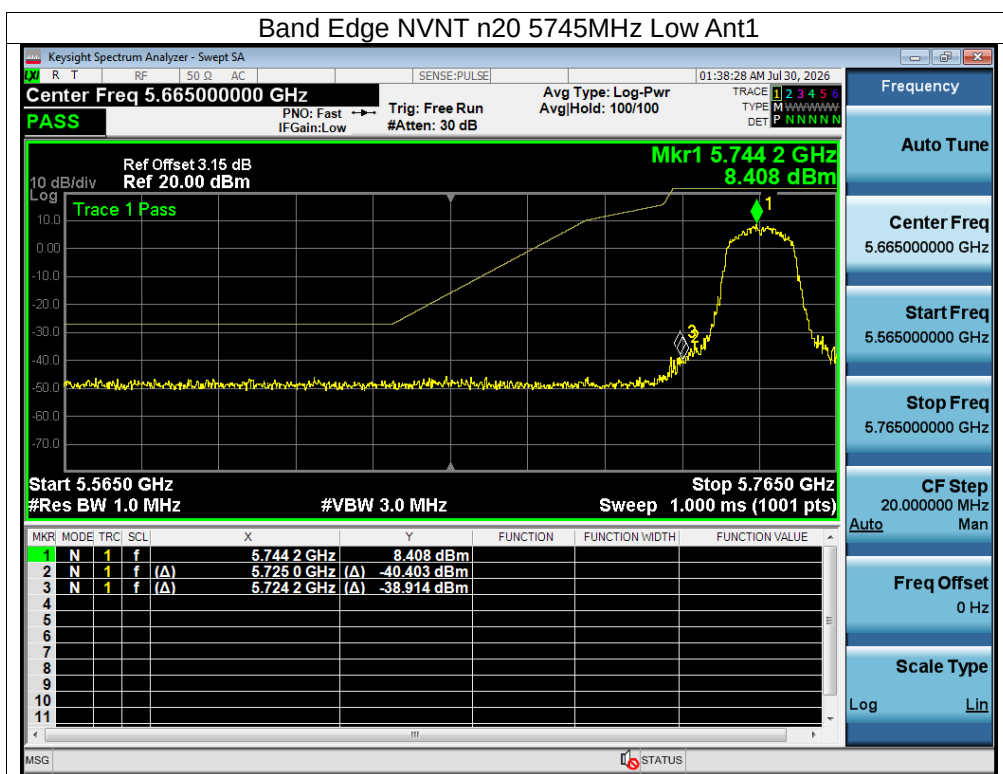
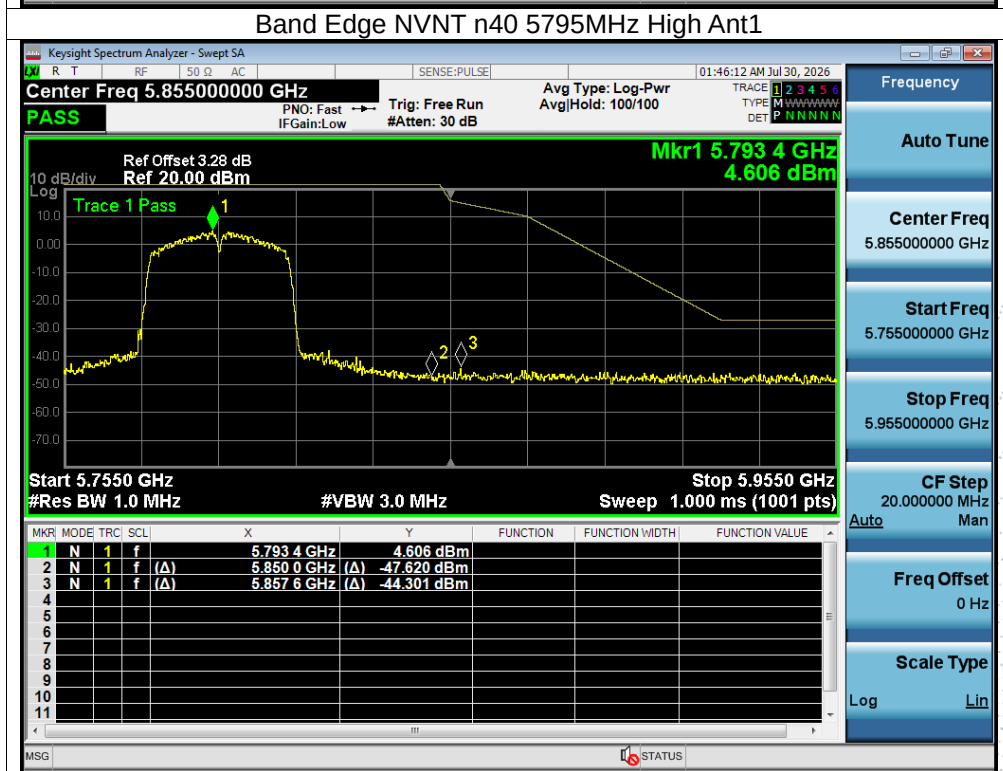
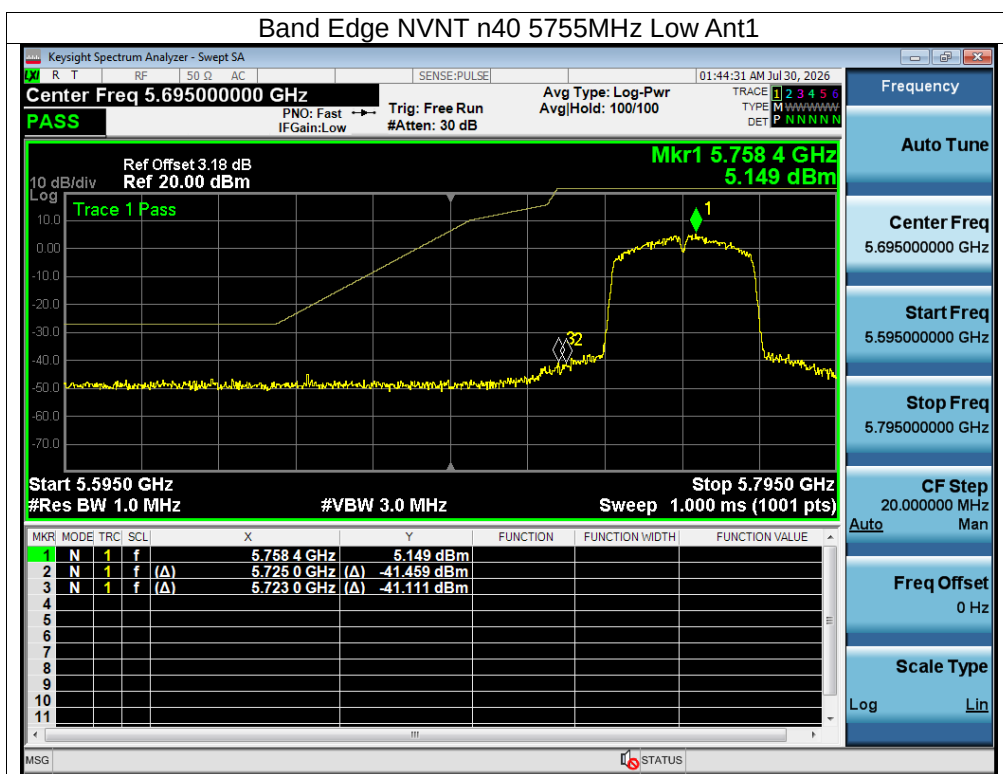




Test Mode:	5745-5825MHz
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12. Spurious RF Conducted Emissions

12.1 Block Diagram Of Test Setup



12.2 Limit

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.725-5.85 GHz band (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge..

(3) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

12.3 Test Procedure

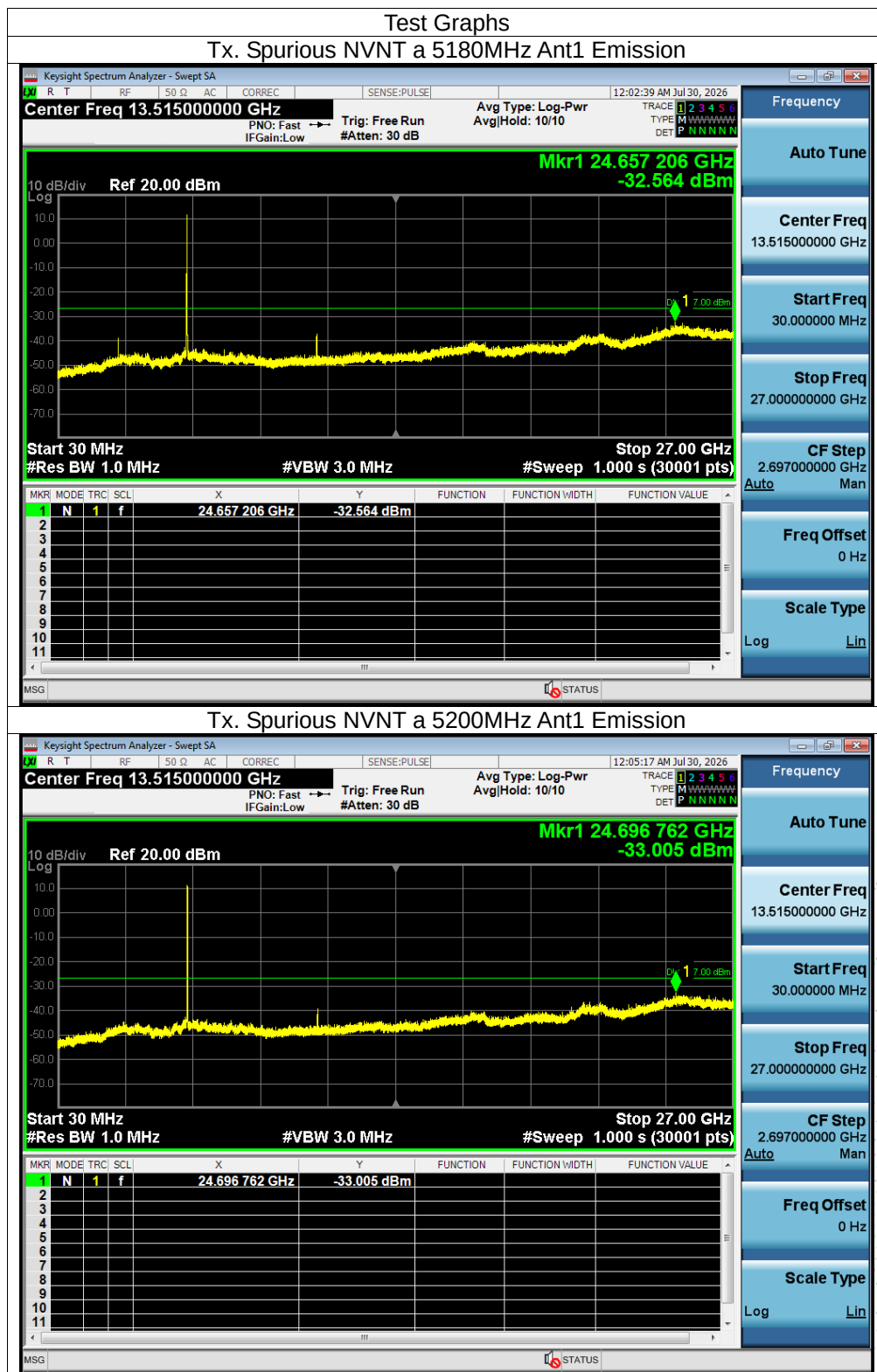
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

12.4 Test Result

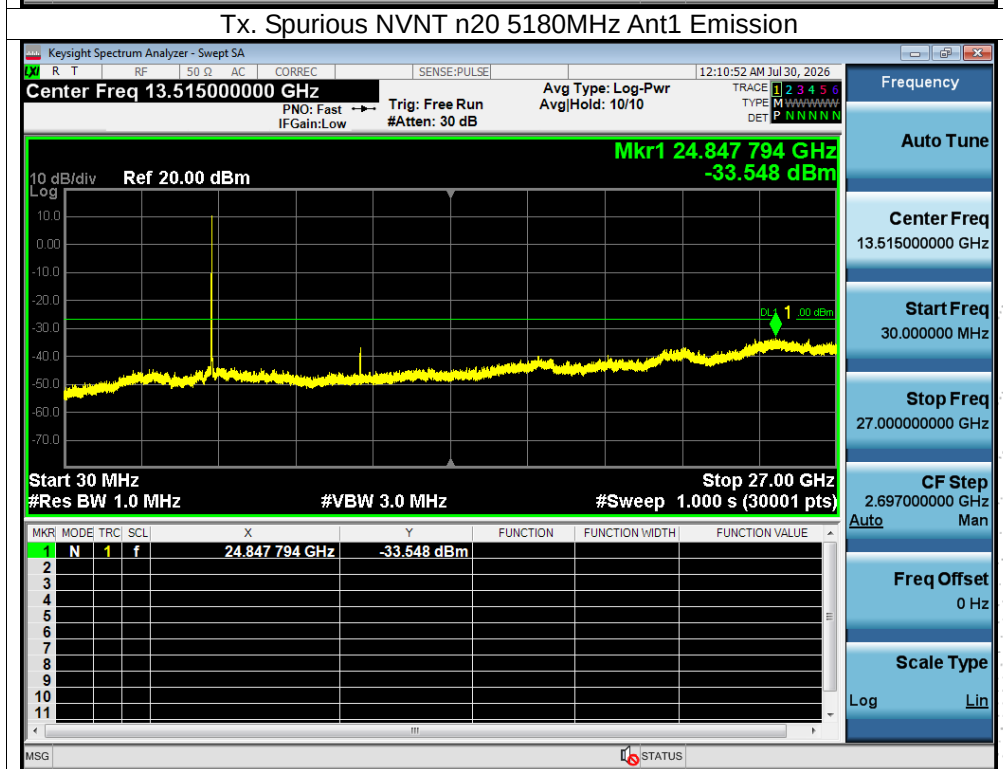
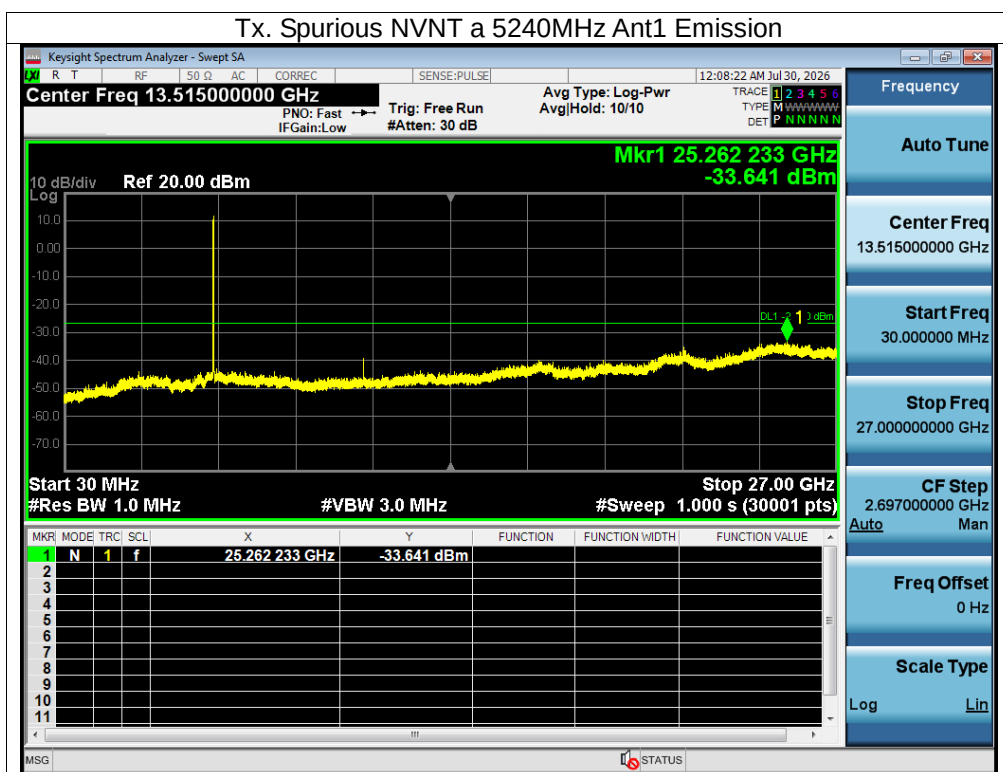
Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and band edge measurement data.

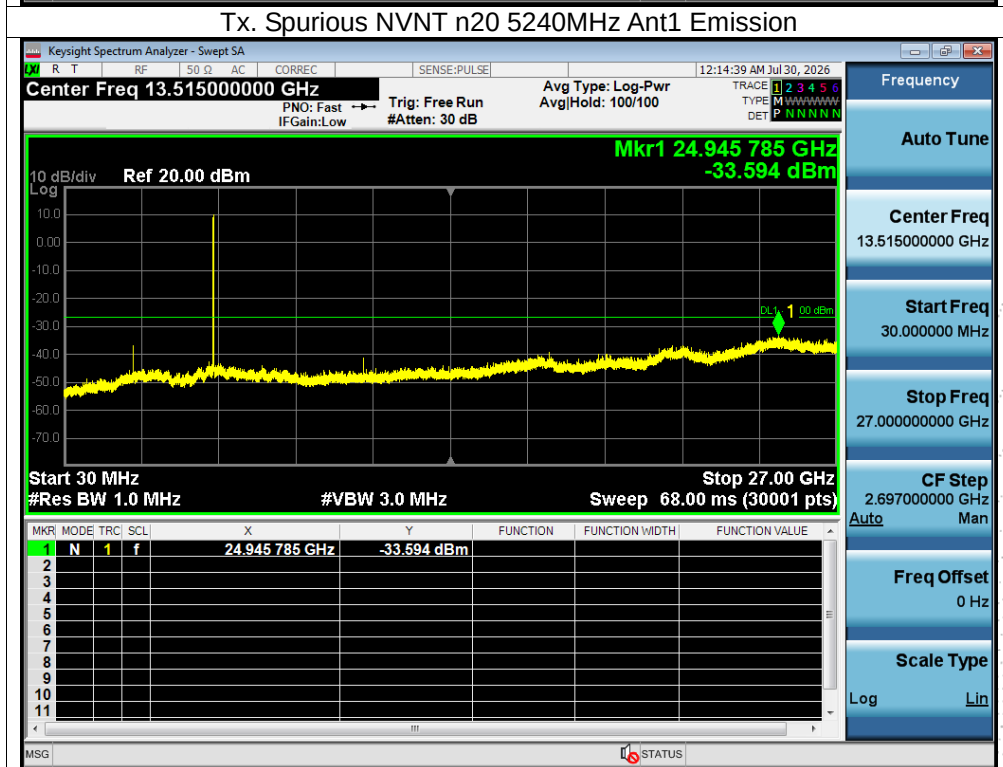
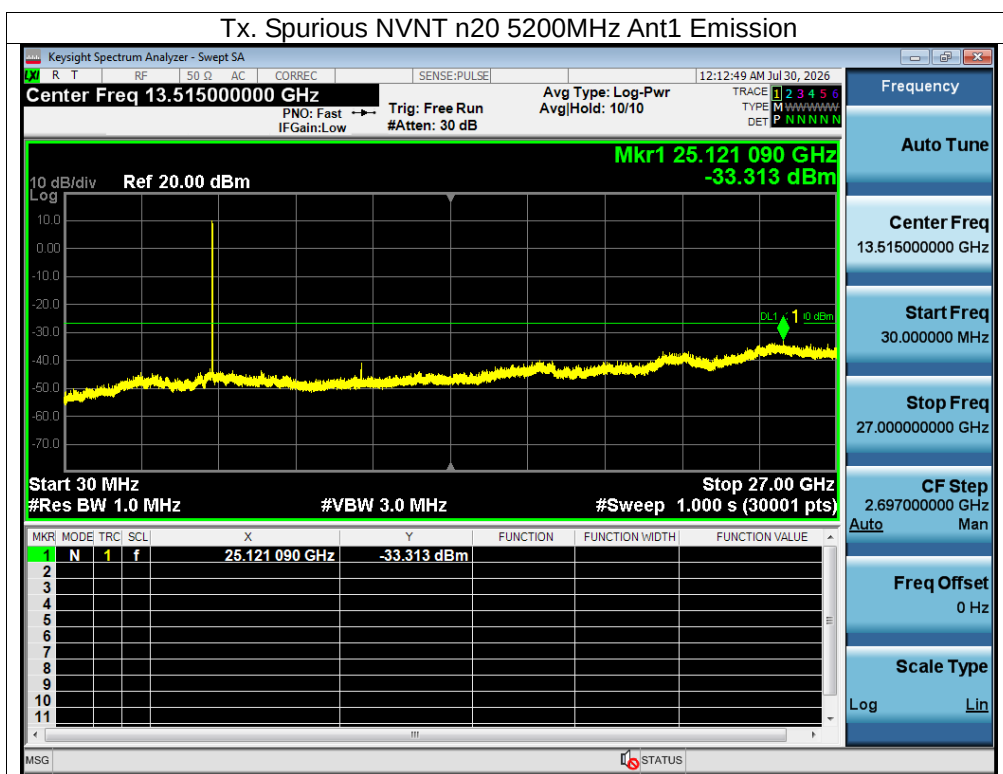
About: 26.5GHz-40GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

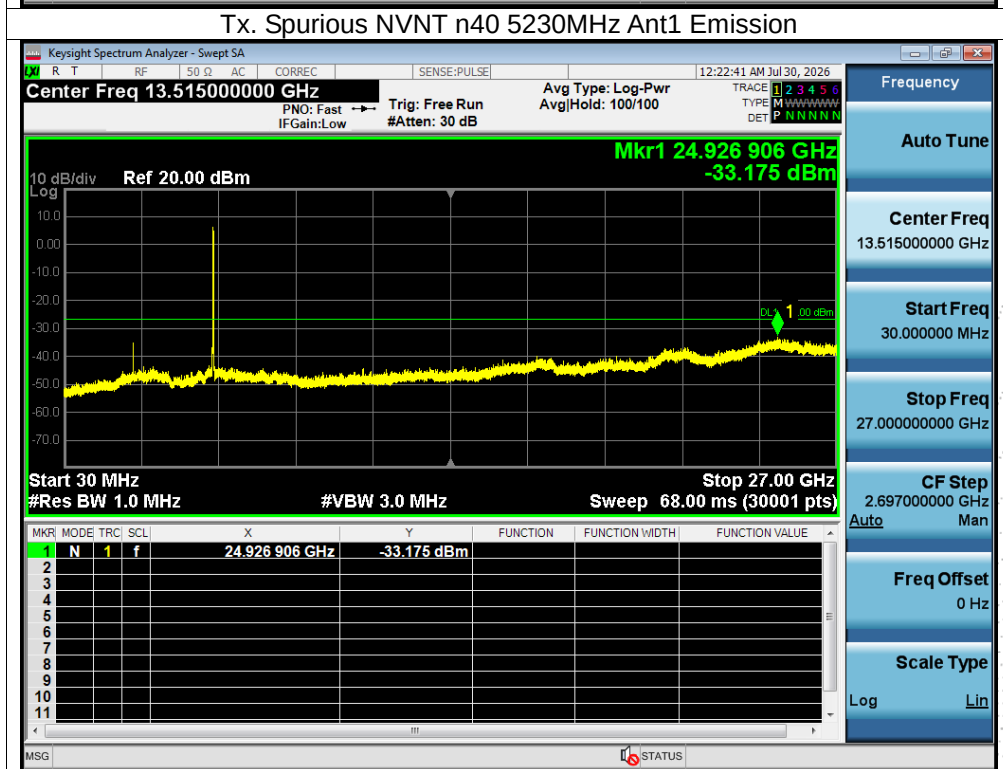
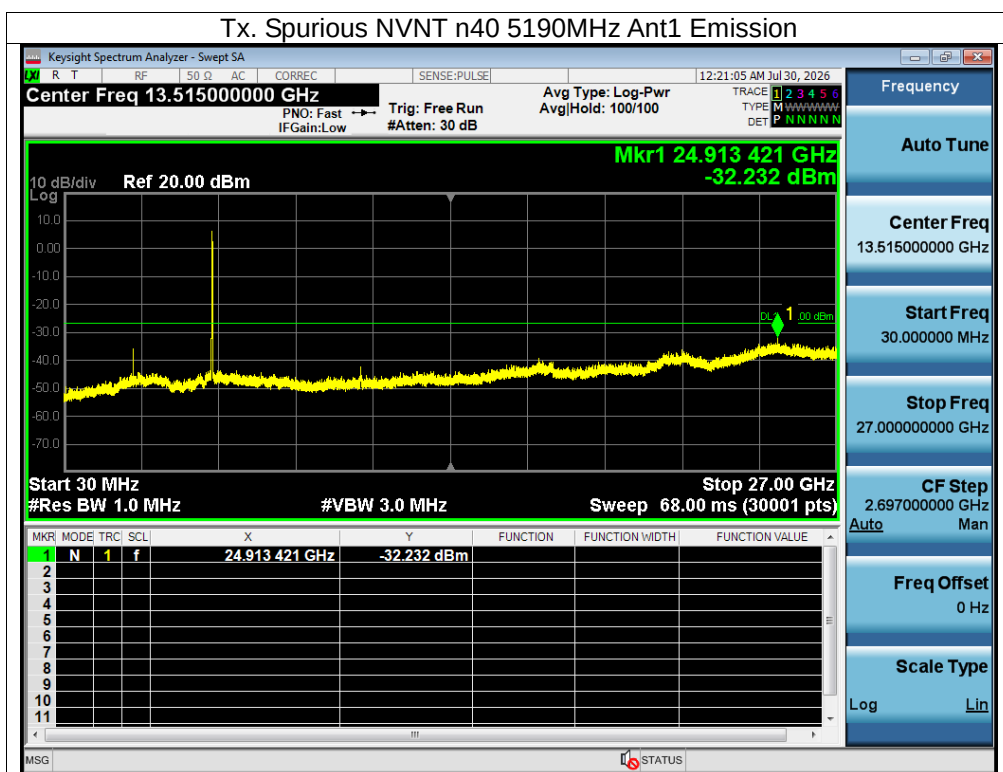
Test Mode:	5180-5240MHz
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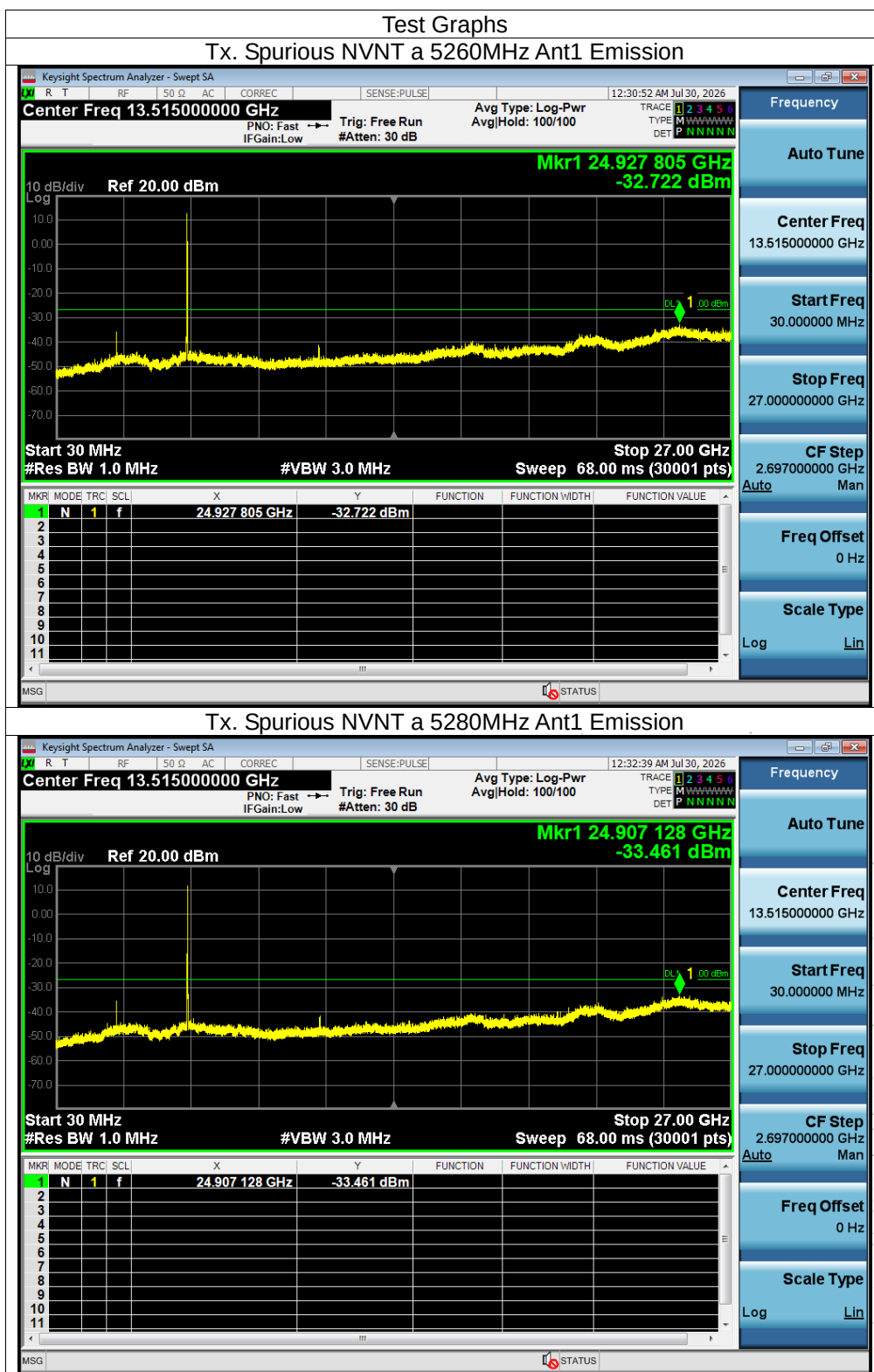
CO., LTD

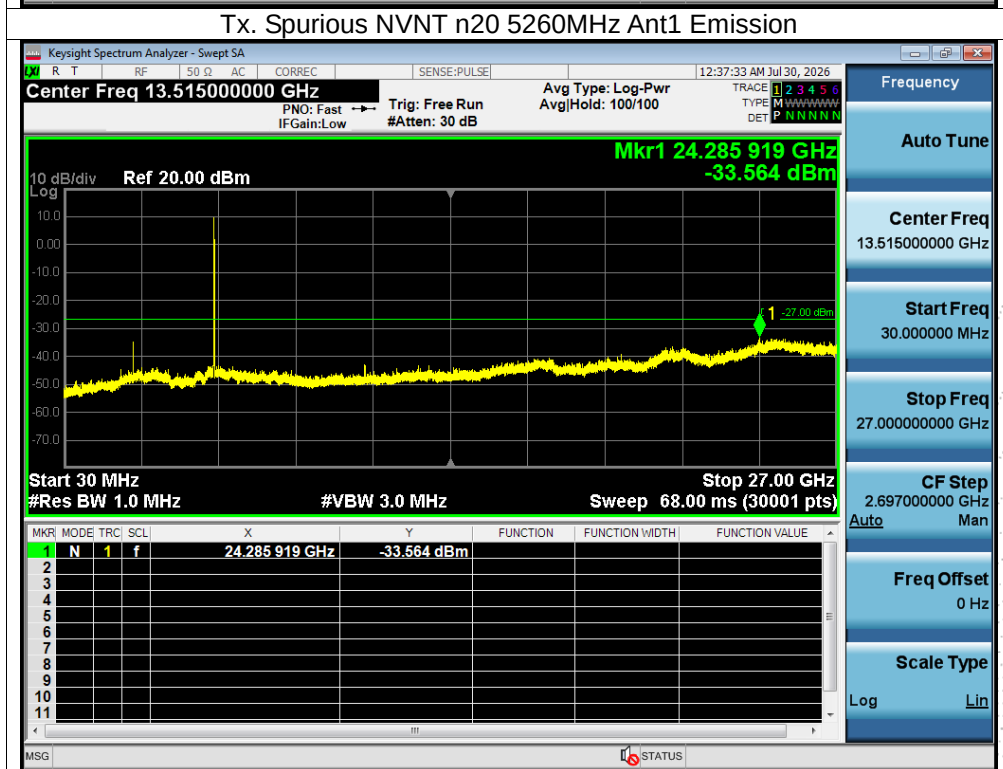
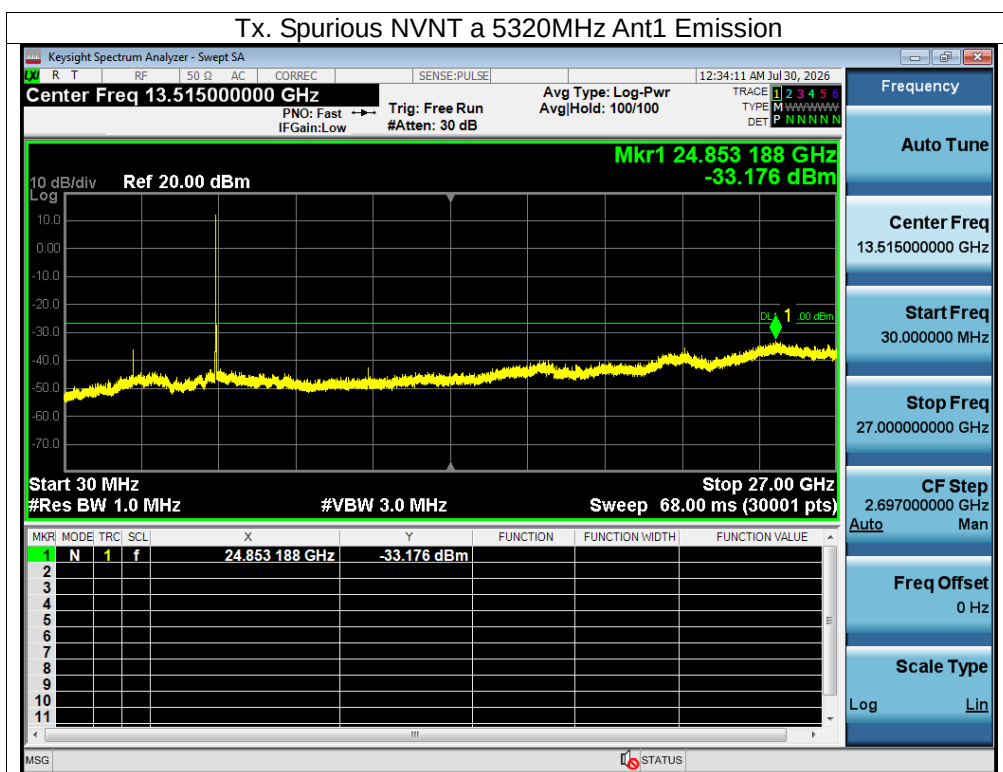


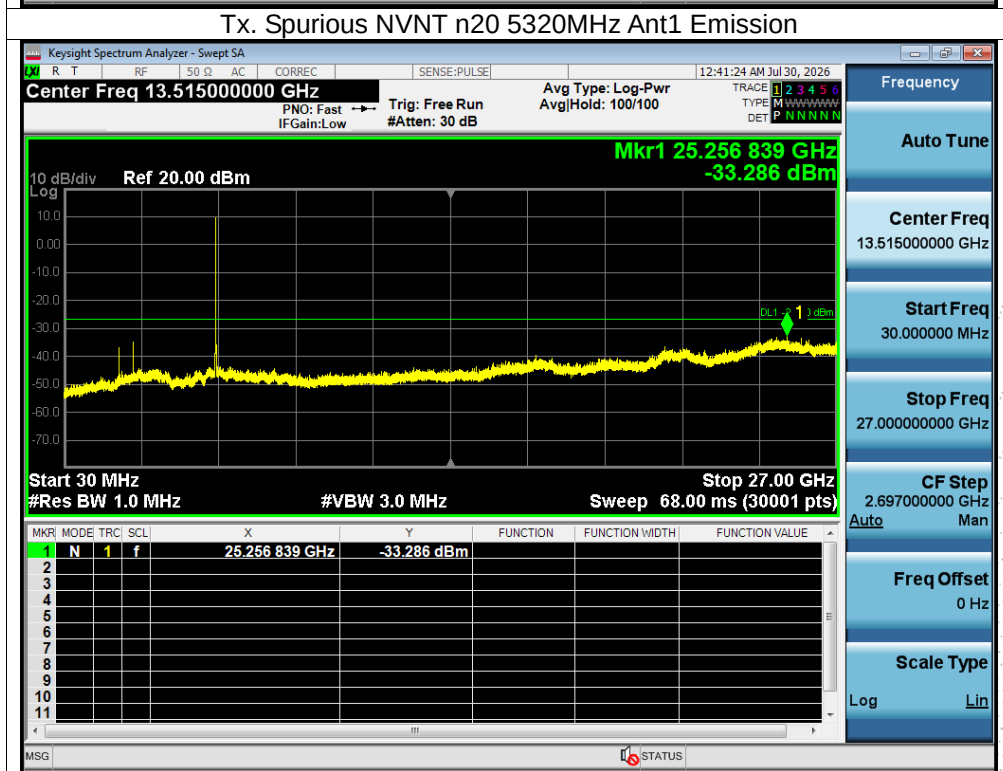
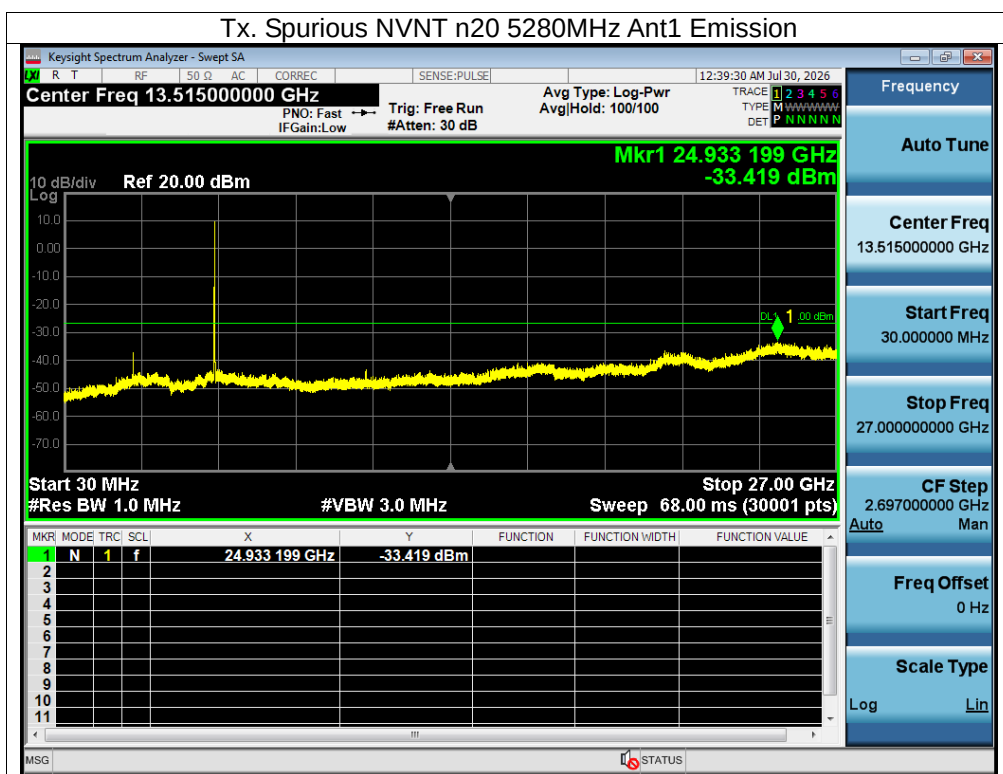




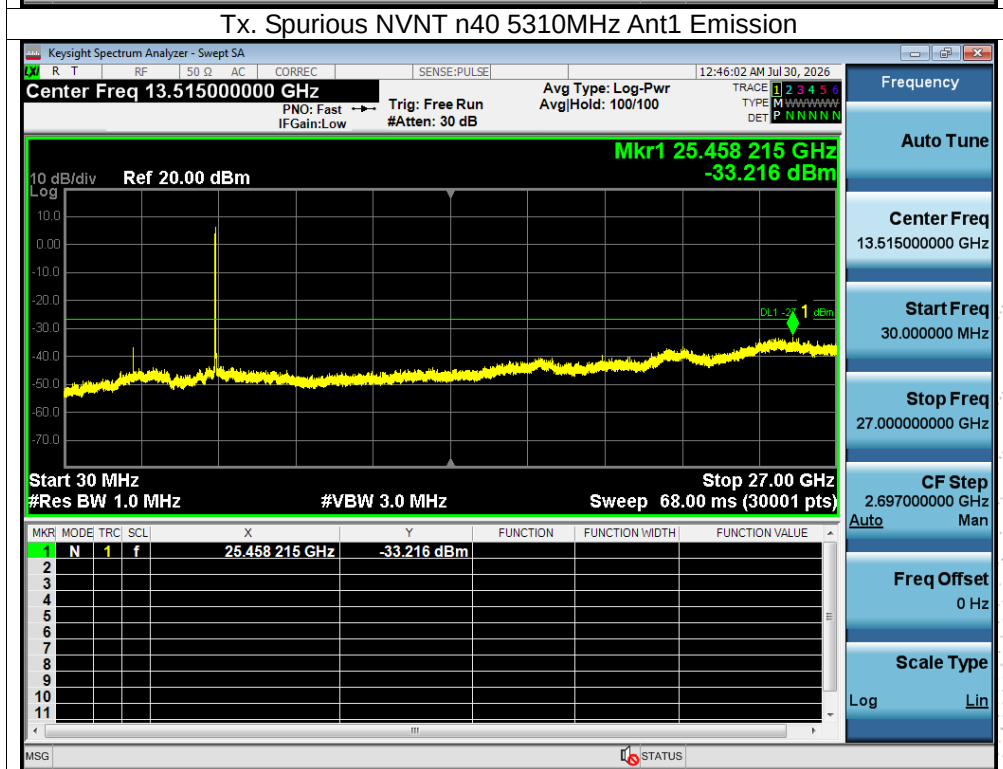
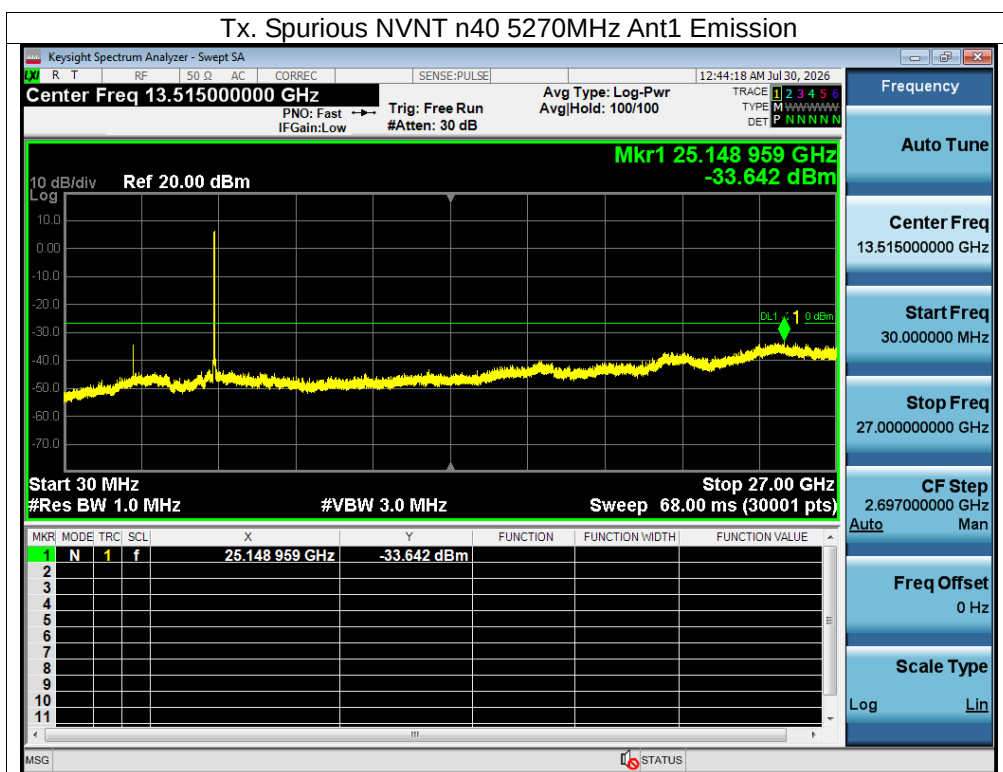
Test Mode:	5260-5320MHz
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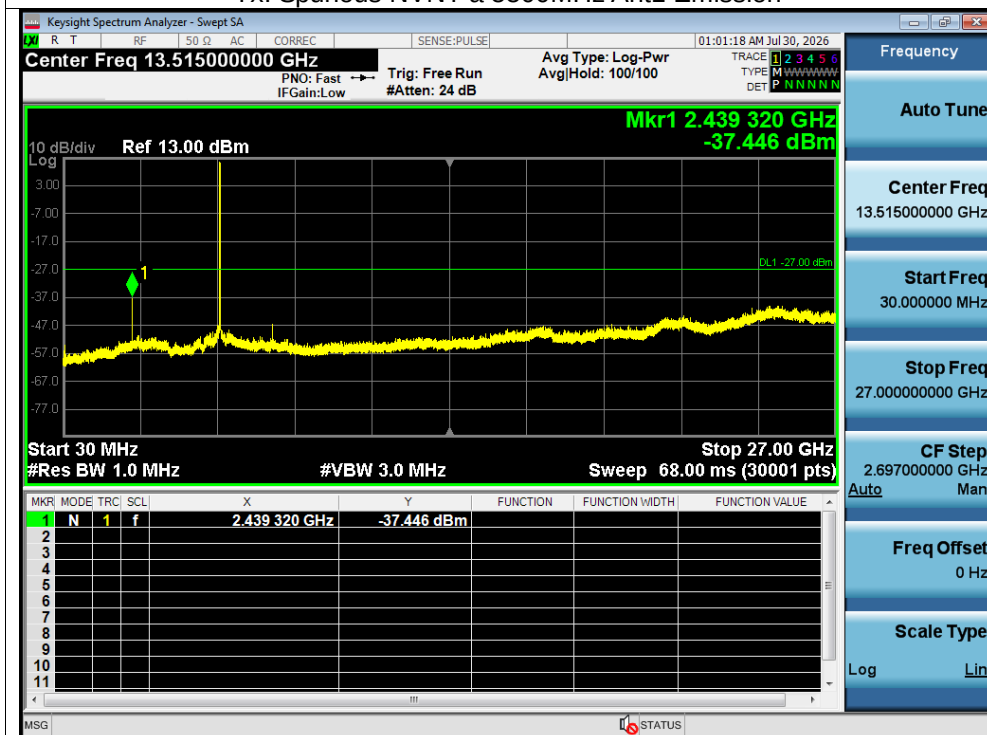
CO., LTD



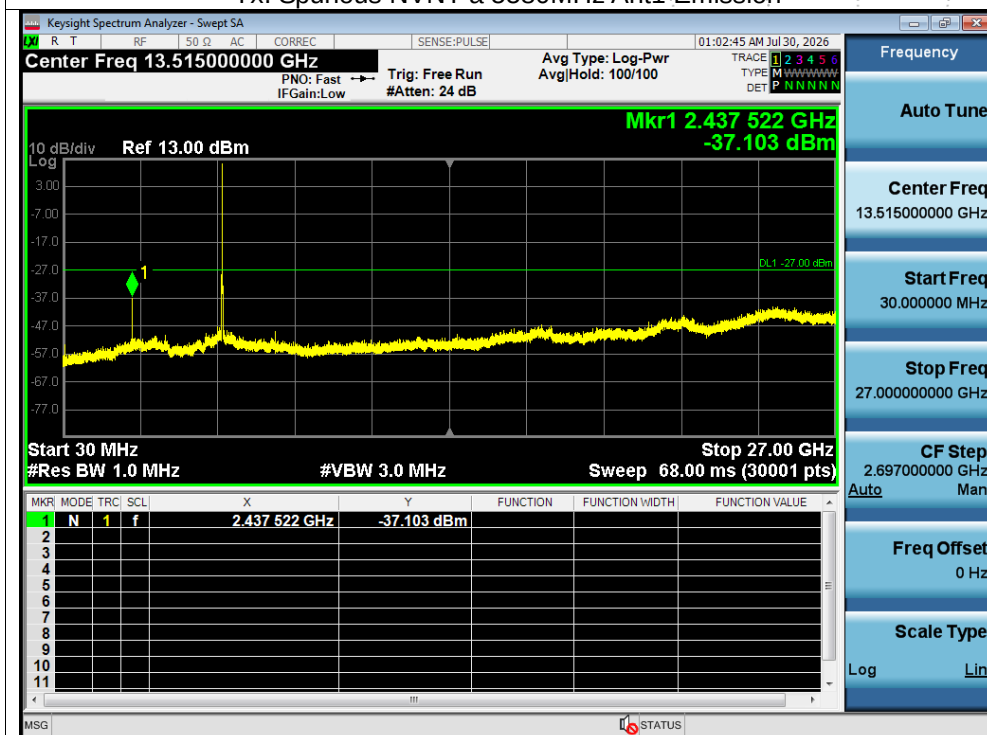
Test Mode:	5500-5700MHz
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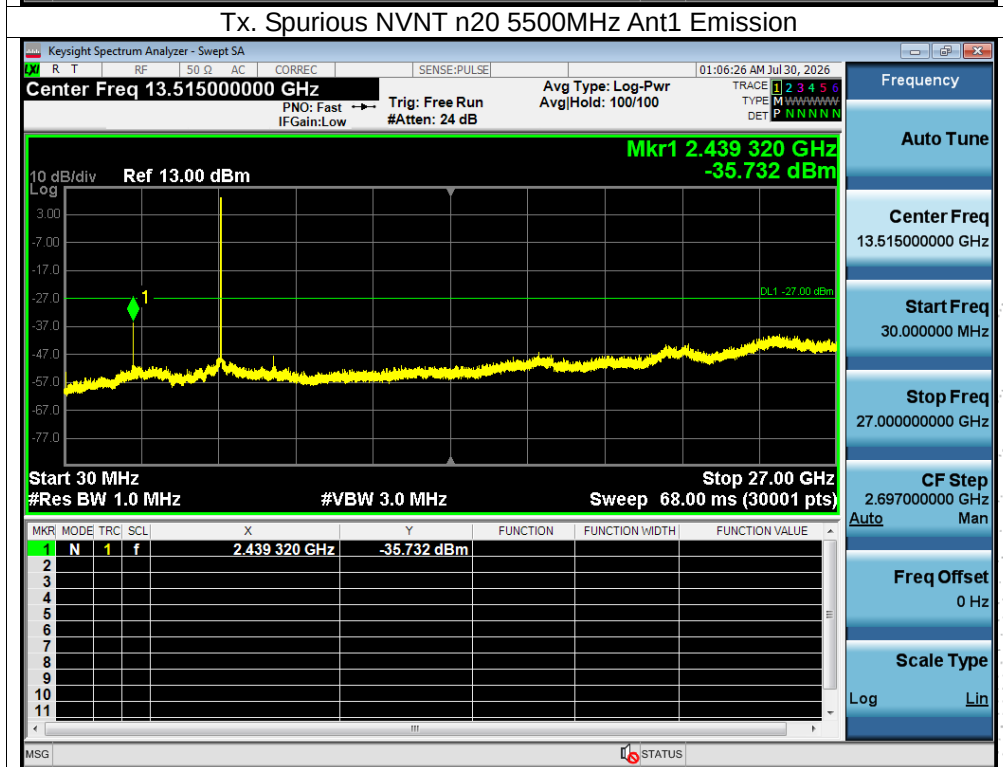
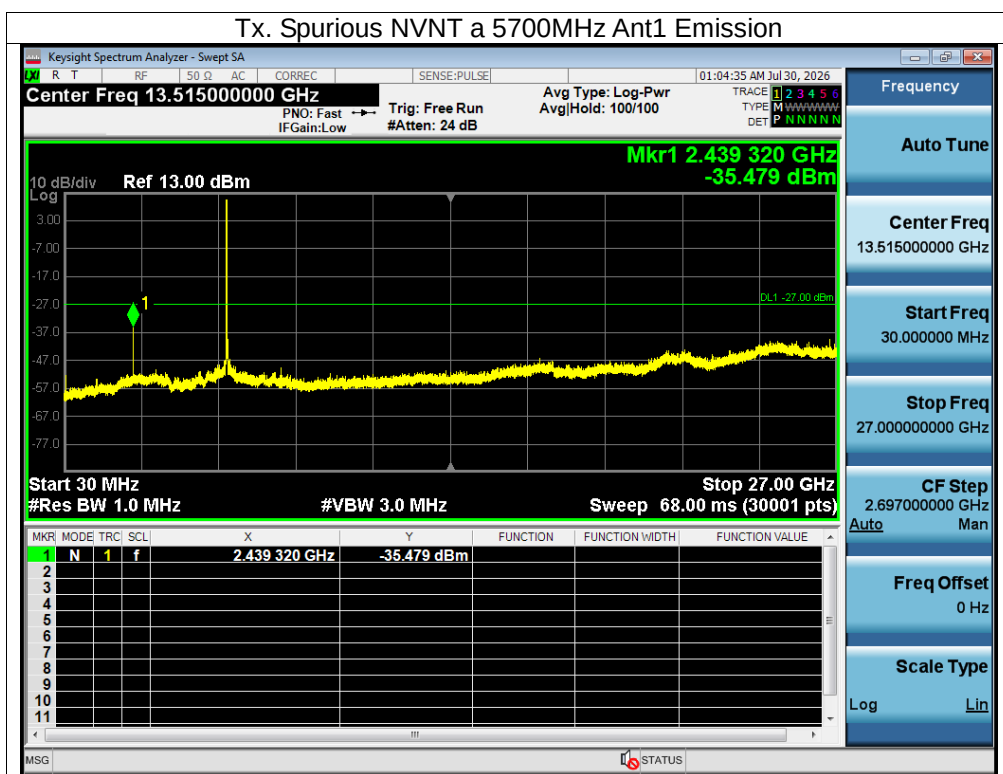
Test Graphs

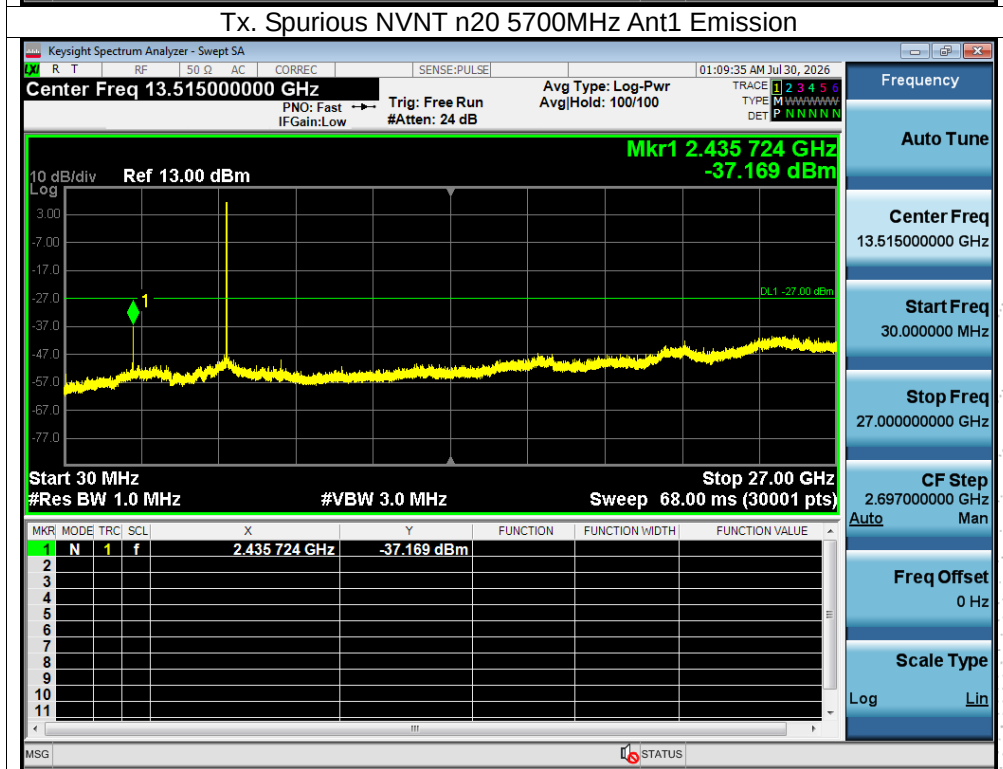
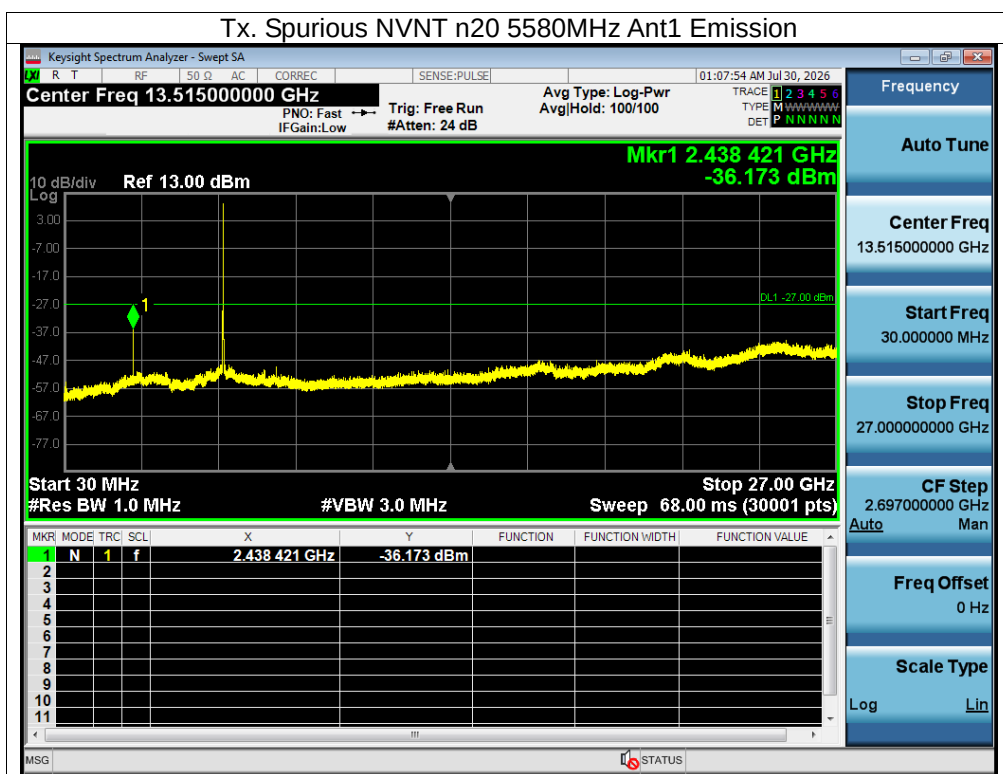
Tx. Spurious NVNT a 5500MHz Ant1 Emission

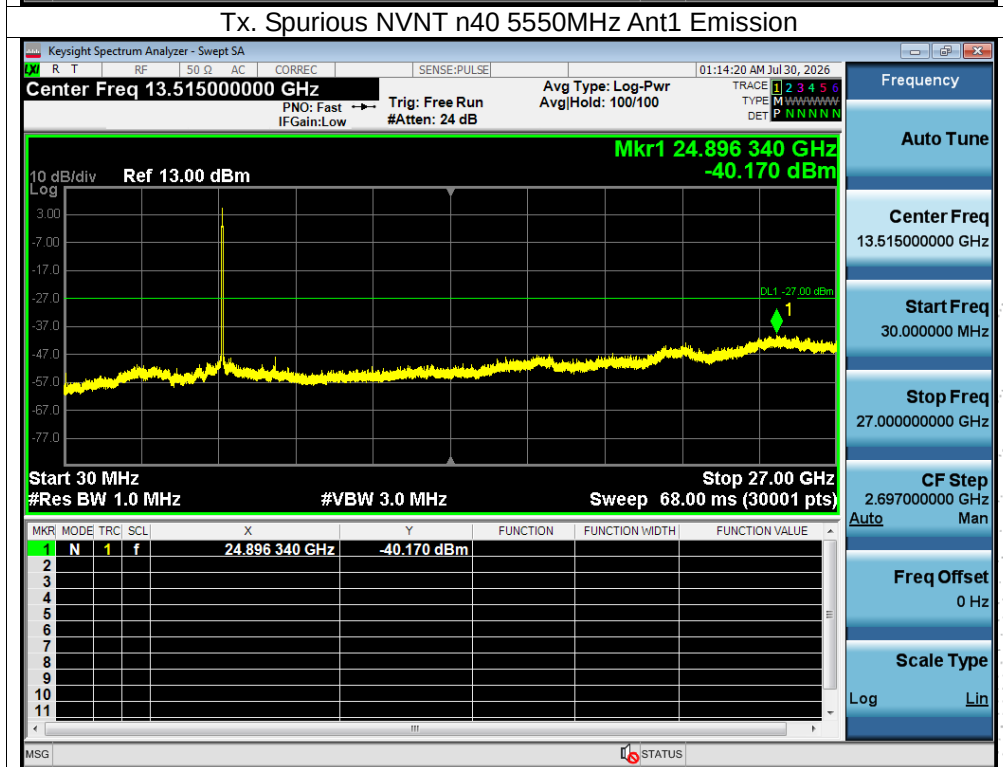
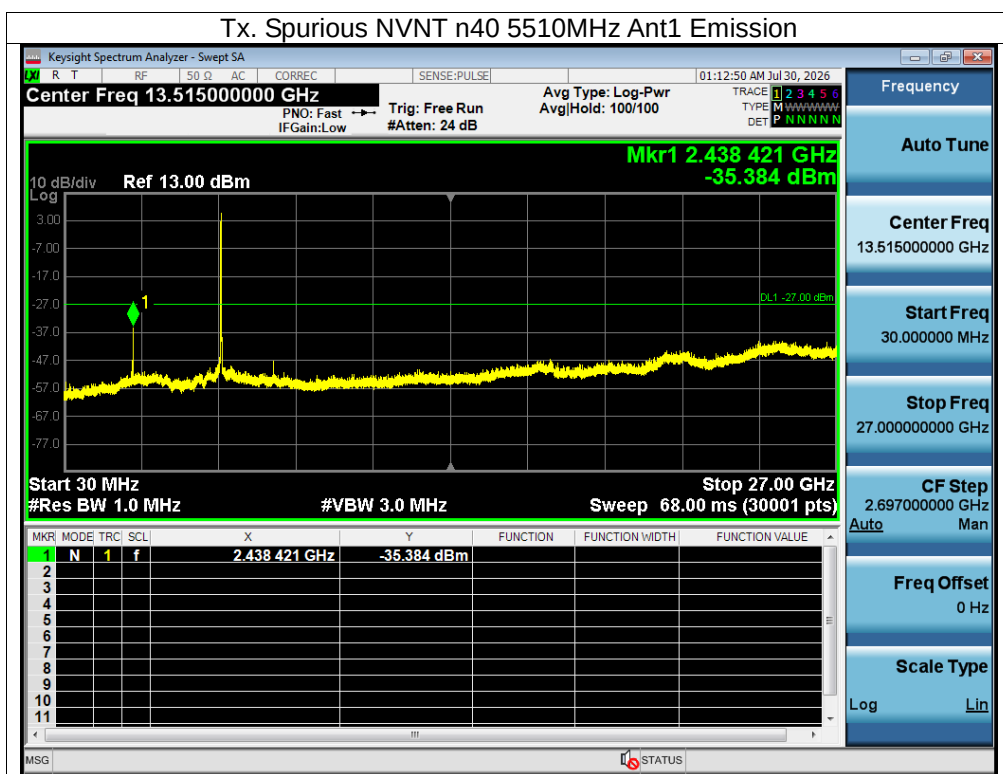


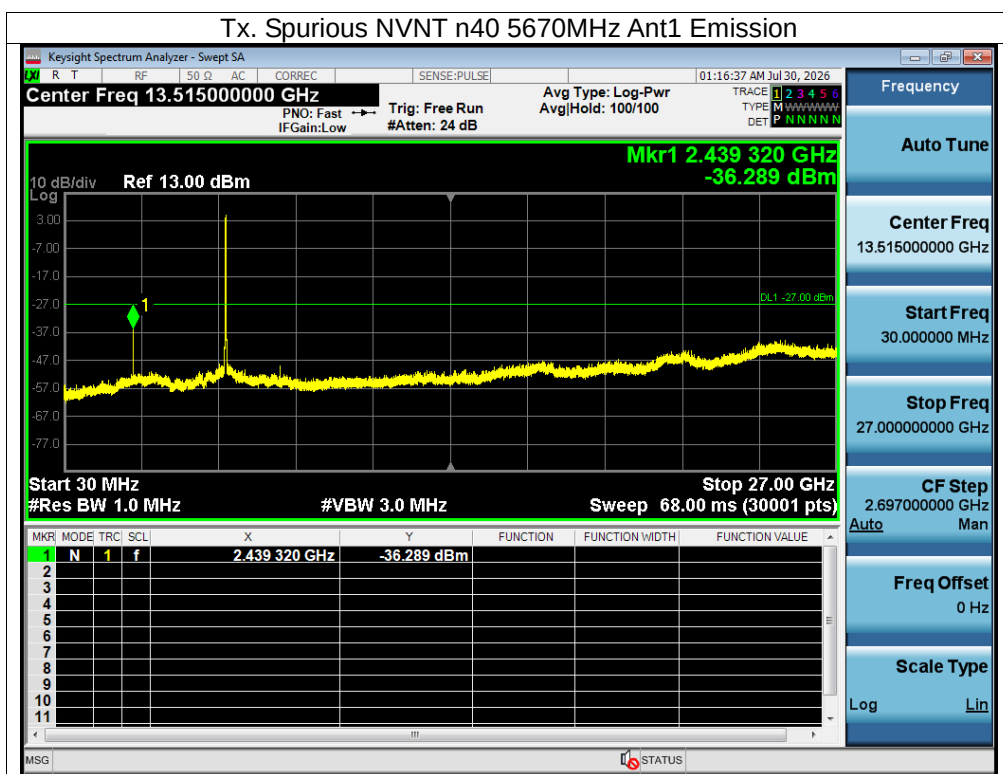
Tx. Spurious NVNT a 5580MHz Ant1 Emission



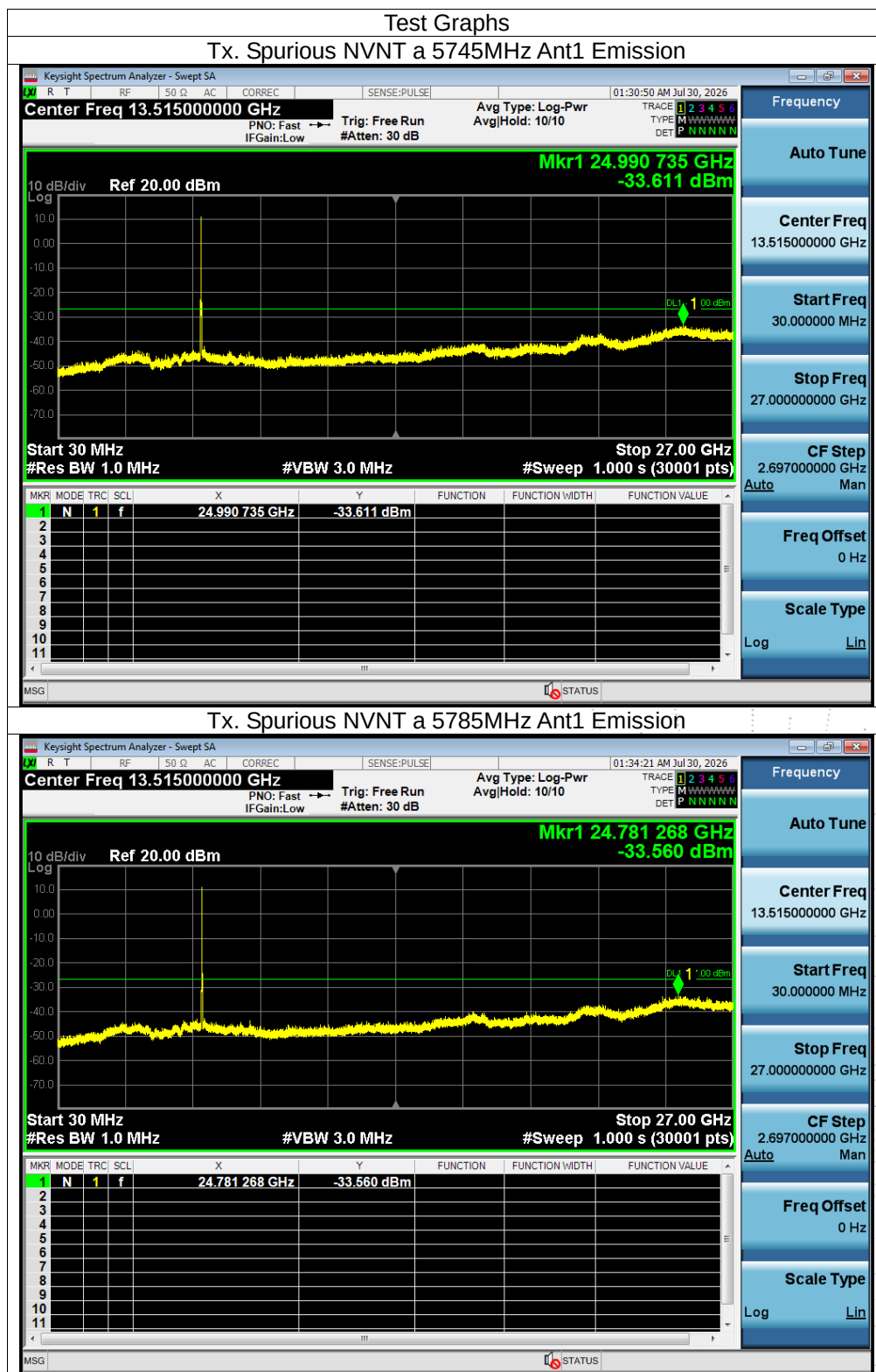


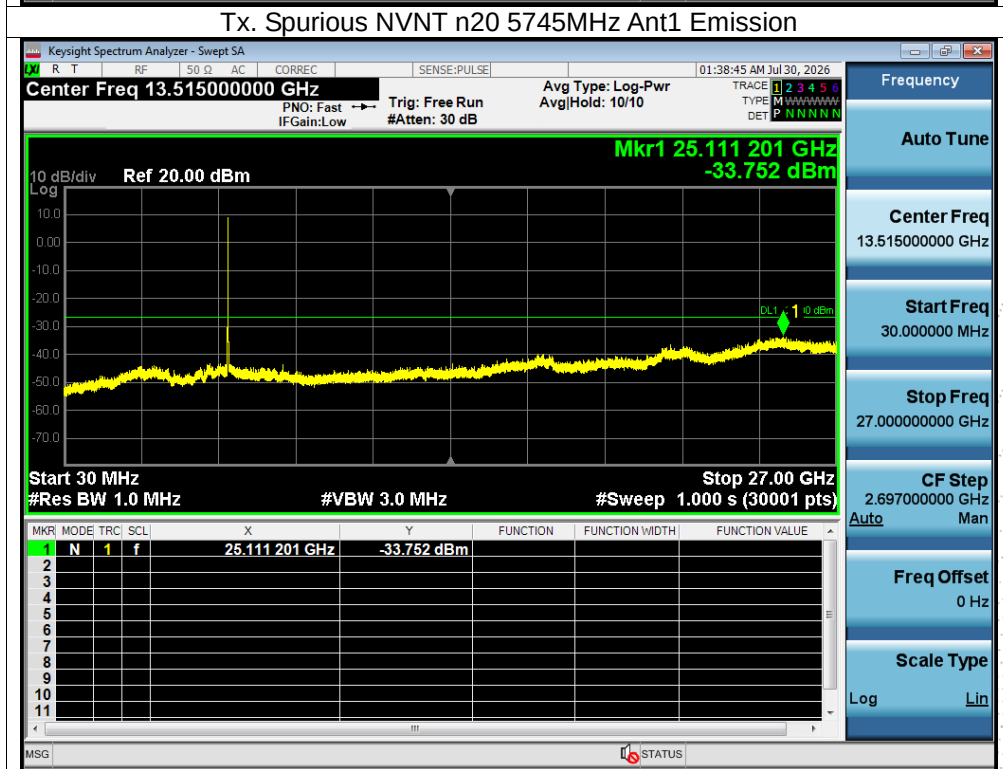
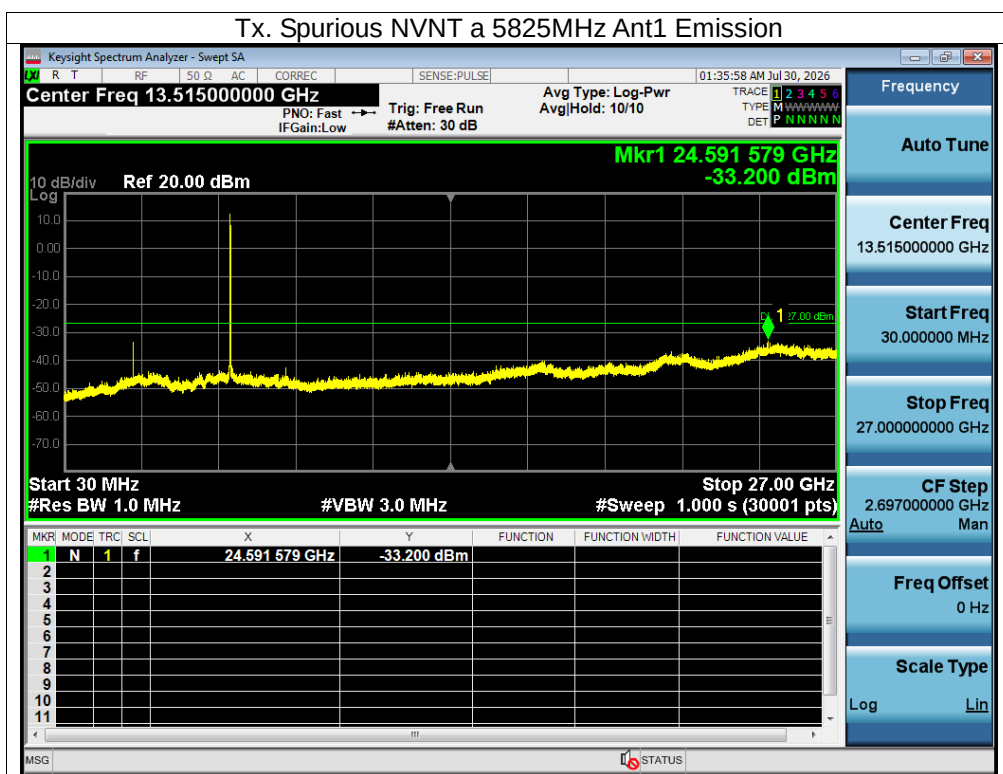


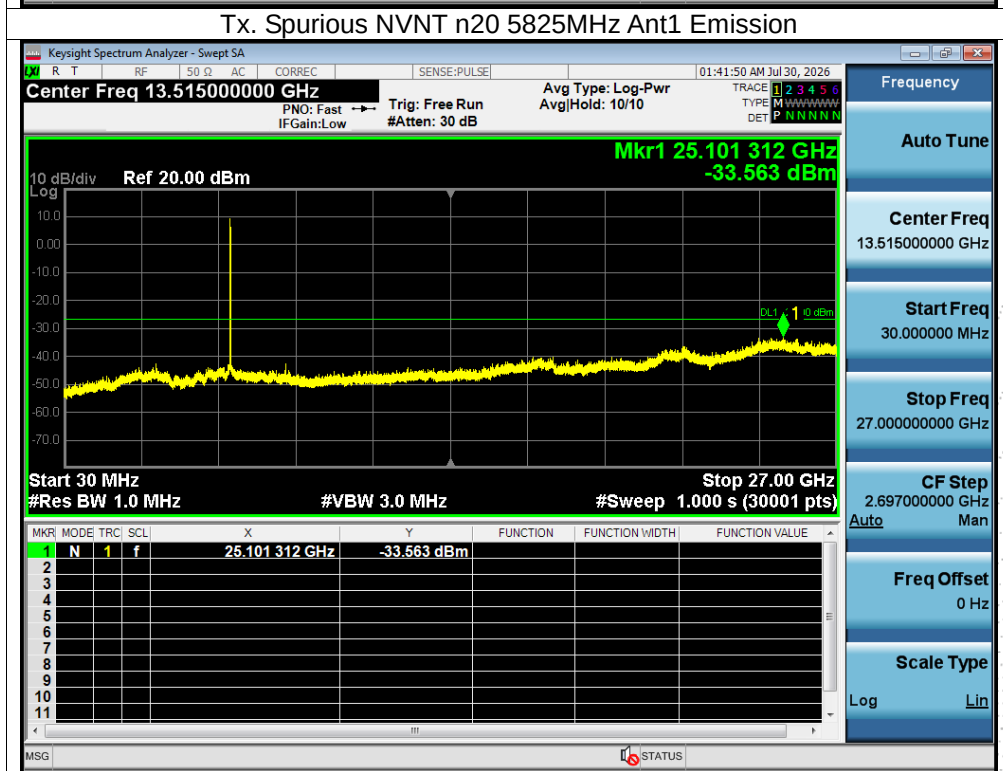
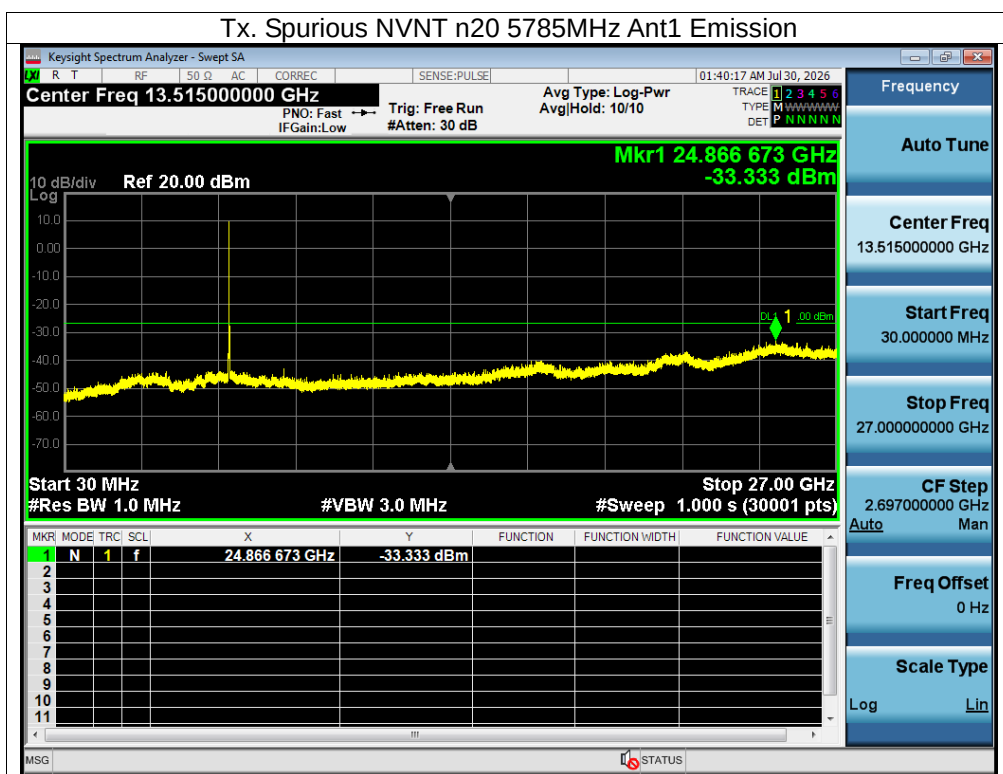


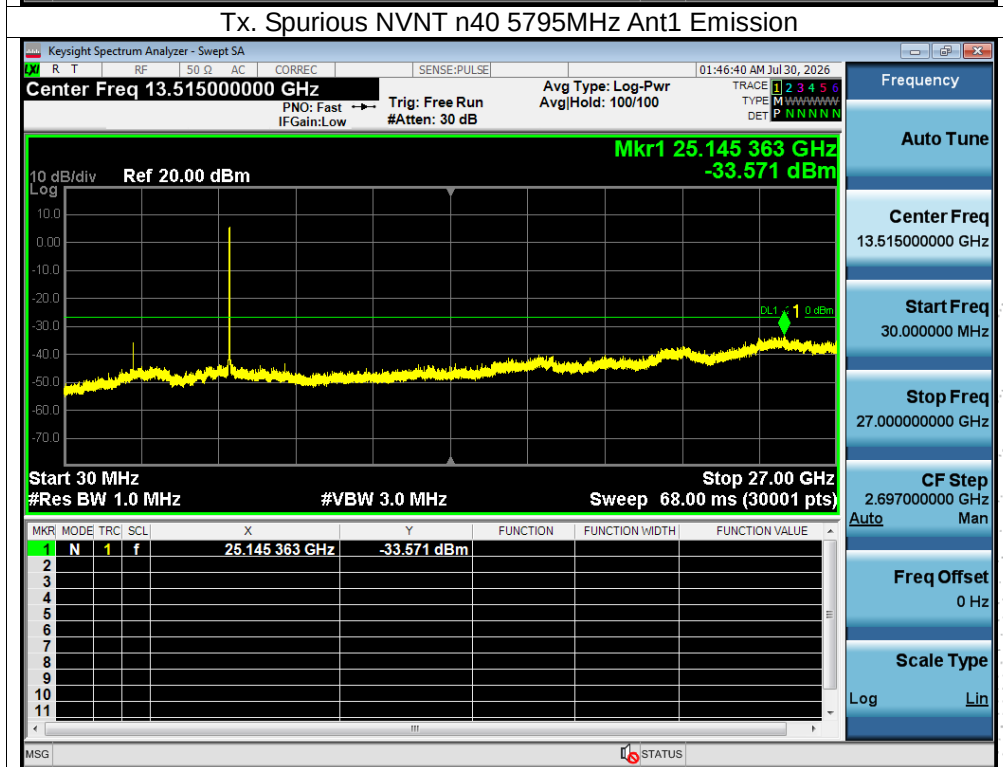
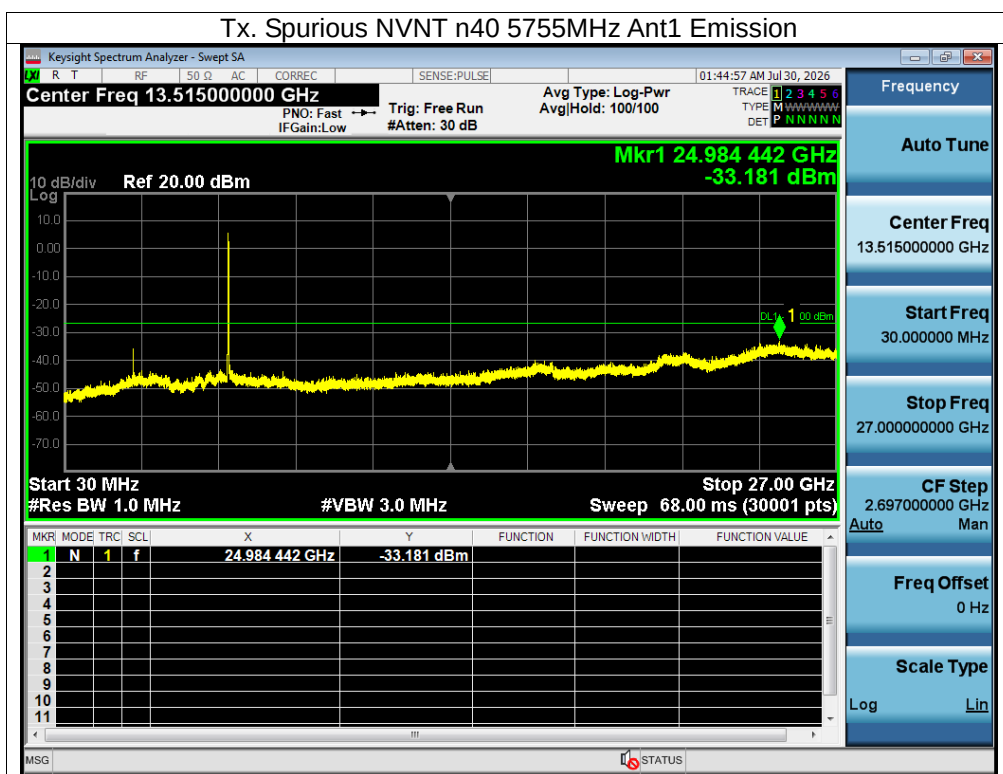


Test Mode:	5745-5825MHz
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13. Frequency Stability Measurement

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°C ~ 70°C .

13.4 Test Result

Temperature:	23.7 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
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)	12.00	5180.0094	5180	0.0094	1.8235
		V max (V)	13.80	5180.0167	5180	0.0167	3.2168
		V min (V)	10.20	5180.0144	5180	0.0144	2.7731
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)	12	T (°C)	-20	5180.0046	5180	0.0046	0.8820
		T (°C)	-10	5180.0130	5180	0.0130	2.5135
		T (°C)	0	5180.0028	5180	0.0028	0.5480
		T (°C)	10	5180.0012	5180	0.0012	0.2401
		T (°C)	20	5180.0006	5180	0.0006	0.1185
		T (°C)	30	5180.0055	5180	0.0055	1.0542
		T (°C)	40	5180.0099	5180	0.0099	1.9185
		T (°C)	50	5180.0067	5180	0.0067	1.3006
		T (°C)	60	5180.0117	5180	0.0117	2.2608
		T (°C)	70	5180.0066	5180	0.0066	1.2782
Limits				5150-5250 MHz			
Result				Complies			

KJ CO., LTD

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5200.0096	5200	0.0096	1.8473
		V max (V)	13.80	5200.0087	5200	0.0087	1.6741
		V min (V)	10.20	5200.0096	5200	0.0096	1.8458
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5200.00027	5200	0.00027	0.0515
		T (°C)	-10	5200.01086	5200	0.01086	2.0881
		T (°C)	0	5200.00672	5200	0.00672	1.2915
		T (°C)	10	5200.00258	5200	0.00258	0.4958
		T (°C)	20	5200.00572	5200	0.00572	1.1004
		T (°C)	30	5200.01246	5200	0.01246	2.3960
		T (°C)	40	5200.00284	5200	0.00284	0.5470
		T (°C)	50	5200.00191	5200	0.00191	0.3673
		T (°C)	60	5200.00009	5200	0.00009	0.0174
		T (°C)	70	5200.00493	5200	0.00493	0.9481
Limits				5150-5250 MHz			
Result				Complies			

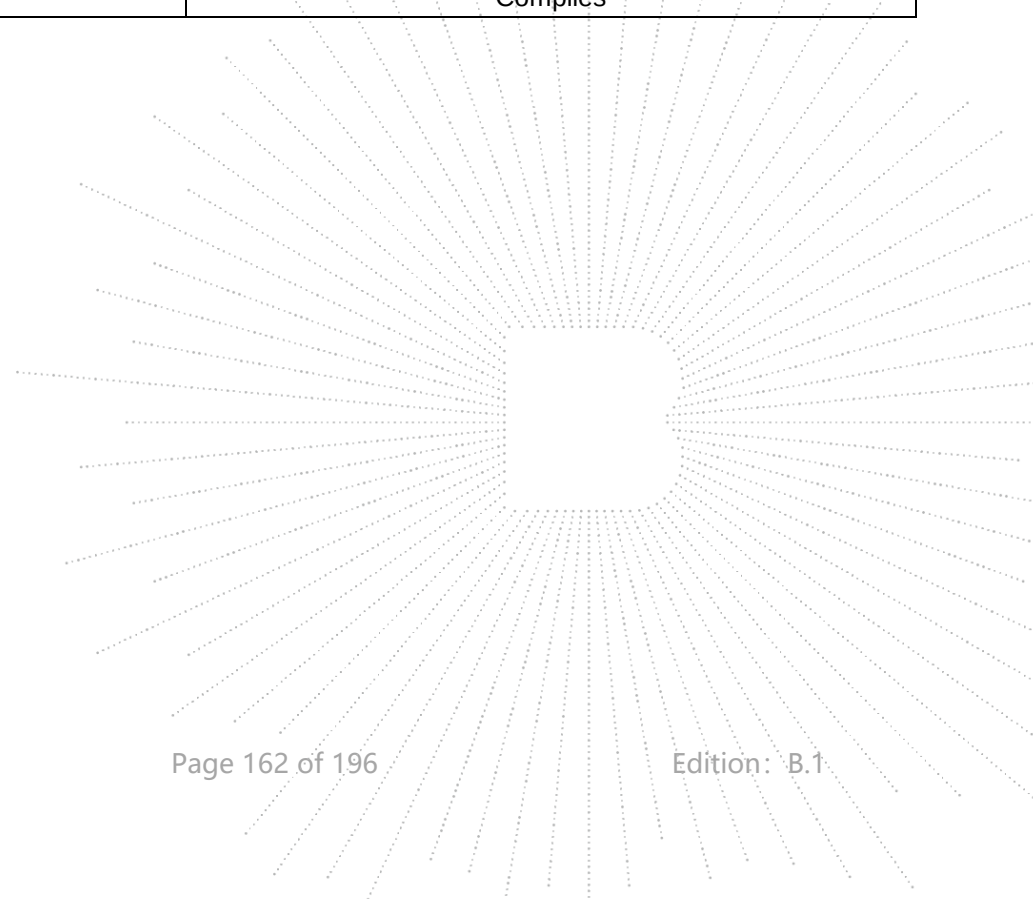
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Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5240.0081	5240	0.0081	1.5367
		V max (V)	13.80	5240.0065	5240	0.0065	1.2364
		V min (V)	10.20	5240.0067	5240	0.0067	1.2760
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)	12	T (°C)	-20	5240.0115	5240	0.0115	2.1899
		T (°C)	-10	5240.0001	5240	0.0001	0.0096
		T (°C)	0	5240.0077	5240	0.0077	1.4699
		T (°C)	10	5240.0098	5240	0.0098	1.8694
		T (°C)	20	5240.0029	5240	0.0029	0.5498
		T (°C)	30	5240.0024	5240	0.0024	0.4624
		T (°C)	40	5240.0055	5240	0.0055	1.0537
		T (°C)	50	5240.0050	5240	0.0050	0.9623
		T (°C)	60	5240.0017	5240	0.0017	0.3218
		T (°C)	70	5240.0041	5240	0.0041	0.7866
Limits				5150-5250 MHz			
Result				Complies			



Temperature:	23.7 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
Test Mode:	TX (5.3G) Mode Frequency U-NII-2A (5260-5320MHz)		

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5260.0150	5260	0.0150	2.8435
		V max (V)	13.80	5260.0021	5260	0.0021	0.3939
		V min (V)	10.20	5260.0017	5260	0.0017	0.3235
Limits				5250-5350 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5260.0032	5260	0.0032	0.6165
		T (°C)	-10	5260.0050	5260	0.0050	0.9425
		T (°C)	0	5260.0095	5260	0.0095	1.8012
		T (°C)	10	5260.0125	5260	0.0125	2.3832
		T (°C)	20	5260.0127	5260	0.0127	2.4084
		T (°C)	30	5260.0040	5260	0.0040	0.7516
		T (°C)	40	5260.0029	5260	0.0029	0.5425
		T (°C)	50	5260.0044	5260	0.0044	0.8448
		T (°C)	60	5260.0117	5260	0.0117	2.2156
		T (°C)	70	5260.0132	5260	0.0132	2.5023
Limits				5250-5350 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5280.0061	5280	0.0061	1.1619
		V max (V)	13.80	5280.0007	5280	0.0007	0.1338
		V min (V)	10.20	5280.0085	5280	0.0085	1.6167
Limits				5250-5350 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5280.01268	5280	0.01268	2.4010
		T (°C)	-10	5280.01320	5280	0.01320	2.5001
		T (°C)	0	5280.01288	5280	0.01288	2.4394
		T (°C)	10	5280.00637	5280	0.00637	1.2073
		T (°C)	20	5280.01054	5280	0.01054	1.9957
		T (°C)	30	5280.00935	5280	0.00935	1.7713
		T (°C)	40	5280.00001	5280	0.00001	0.0028
		T (°C)	50	5280.00821	5280	0.00821	1.5551
		T (°C)	60	5280.00719	5280	0.00719	1.3610
		T (°C)	70	5280.01130	5280	0.01130	2.1400
Limits				5250-5350 MHz			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5320.0079	5320	0.0079	1.4777
		V max (V)	13.80	5320.0093	5320	0.0093	1.7536
		V min (V)	10.20	5320.0023	5320	0.0023	0.4248
Limits				5250-5350 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5320.0014	5320	0.0014	0.2639
		T (°C)	-10	5320.0125	5320	0.0125	2.3587
		T (°C)	0	5320.0071	5320	0.0071	1.3434
		T (°C)	10	5320.0044	5320	0.0044	0.8288
		T (°C)	20	5320.0065	5320	0.0065	1.2246
		T (°C)	30	5320.0015	5320	0.0015	0.2896
		T (°C)	40	5320.0097	5320	0.0097	1.8267
		T (°C)	50	5320.0122	5320	0.0122	2.2868
		T (°C)	60	5320.0108	5320	0.0108	2.0263
		T (°C)	70	5320.0100	5320	0.0100	1.8722
Limits				5250-5350 MHz			
Result				Complies			

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Temperature:	23.7 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
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)	12.00	5500.0130	5500	0.0130	2.3715
		V max (V)	13.80	5500.0084	5500	0.0084	1.5233
		V min (V)	10.20	5500.0164	5500	0.0164	2.9757
Limits				5470-5720 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5500.0051	5500	0.0051	0.9353
		T (°C)	-10	5500.0125	5500	0.0125	2.2798
		T (°C)	0	5500.0016	5500	0.0016	0.2999
		T (°C)	10	5500.0129	5500	0.0129	2.3532
		T (°C)	20	5500.0103	5500	0.0103	1.8806
		T (°C)	30	5500.0067	5500	0.0067	1.2144
		T (°C)	40	5500.0014	5500	0.0014	0.2613
		T (°C)	50	5500.0091	5500	0.0091	1.6567
		T (°C)	60	5500.0002	5500	0.0002	0.0418
		T (°C)	70	5500.0094	5500	0.0094	1.7175
Limits				5470-5720 MHz			
Result				Complies			

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Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5580.0063	5580	0.0063	1.1358
		V max (V)	13.80	5580.0067	5580	0.0067	1.2023
		V min (V)	10.20	5580.0026	5580	0.0026	0.4677
Limits				5470-5720 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5580.00740	5580	0.00740	1.3262
		T (°C)	-10	5580.00268	5580	0.00268	0.4811
		T (°C)	0	5580.00324	5580	0.00324	0.5810
		T (°C)	10	5580.00709	5580	0.00709	1.2714
		T (°C)	20	5580.00552	5580	0.00552	0.9889
		T (°C)	30	5580.00695	5580	0.00695	1.2464
		T (°C)	40	5580.00591	5580	0.00591	1.0585
		T (°C)	50	5580.00034	5580	0.00034	0.0601
		T (°C)	60	5580.00872	5580	0.00872	1.5623
		T (°C)	70	5580.00168	5580	0.00168	0.3004
Limits				5470-5720 MHz			
Result				Complies			

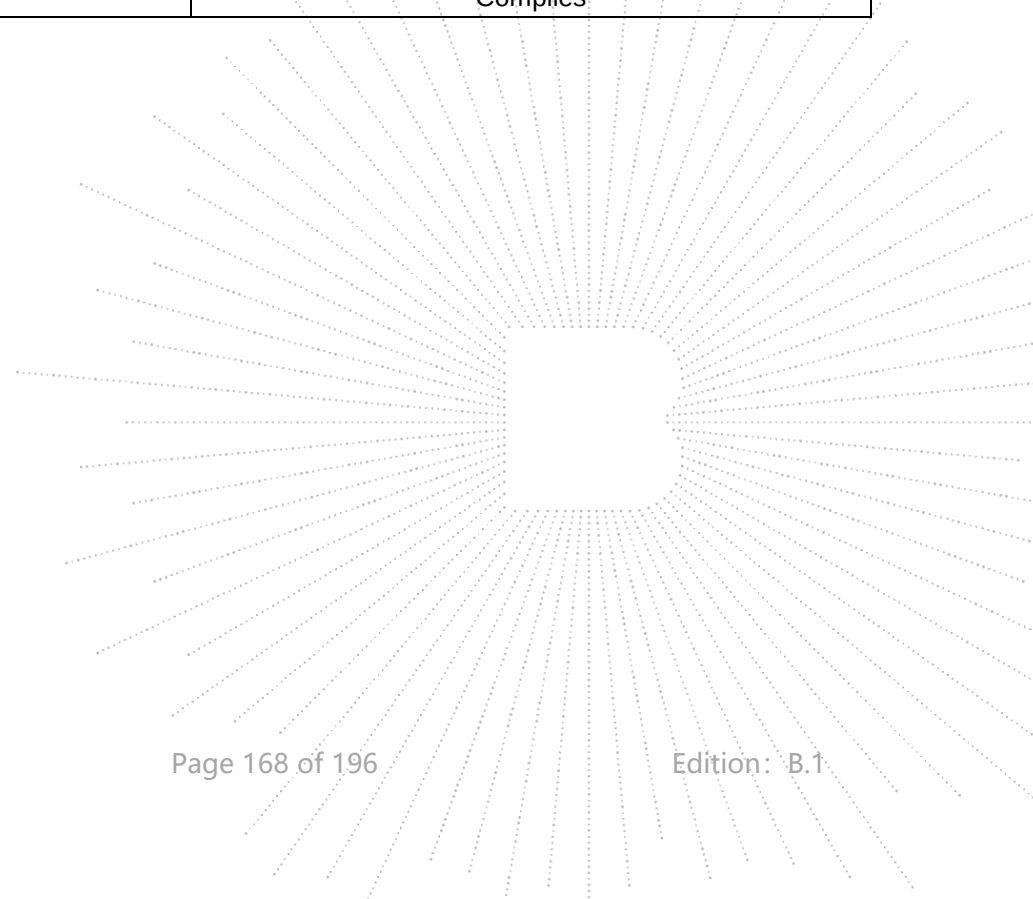
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Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	12.00	5700.0084	5700	0.0084	1.4781
		V max (V)	13.80	5700.0061	5700	0.0061	1.0788
		V min (V)	10.20	5700.0064	5700	0.0064	1.1269
Limits				5470-5720 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency:5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5700.0011	5700	0.0011	0.1986
		T (°C)	-10	5700.0026	5700	0.0026	0.4550
		T (°C)	0	5700.0055	5700	0.0055	0.9600
		T (°C)	10	5700.0083	5700	0.0083	1.4640
		T (°C)	20	5700.0101	5700	0.0101	1.7720
		T (°C)	30	5700.0073	5700	0.0073	1.2847
		T (°C)	40	5700.0050	5700	0.0050	0.8749
		T (°C)	50	5700.0034	5700	0.0034	0.5928
		T (°C)	60	5700.0111	5700	0.0111	1.9421
		T (°C)	70	5700.0002	5700	0.0002	0.0430
Limits				5470-5720 MHz			
Result				Complies			



Temperature:	23.7 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
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)	12.00	5745.00495	5745	0.00495	0.8622
		V max (V)	13.80	5745.01113	5745	0.01113	1.9376
		V min (V)	10.20	5745.00079	5745	0.00079	0.1368
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)	12	T (°C)	-20	5745.00979	5745	0.00979	1.7046
		T (°C)	-10	5745.00709	5745	0.00709	1.2347
		T (°C)	0	5745.00595	5745	0.00595	1.0356
		T (°C)	10	5745.00159	5745	0.00159	0.2765
		T (°C)	20	5745.00435	5745	0.00435	0.7567
		T (°C)	30	5745.01071	5745	0.01071	1.8643
		T (°C)	40	5745.00738	5745	0.00738	1.2850
		T (°C)	50	5745.01050	5745	0.01050	1.8278
		T (°C)	60	5745.00002	5745	0.00002	0.0037
		T (°C)	70	5745.00410	5745	0.00410	0.7130
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)	12.00	5785.01329	5785	0.01329	2.2978
		V max (V)	13.80	5785.00652	5785	0.00652	1.1272
		V min (V)	10.20	5785.00177	5785	0.00177	0.3053
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)	12	T (°C)	-20	5785.01138	5785	0.01138	1.9663
		T (°C)	-10	5785.00728	5785	0.00728	1.2579
		T (°C)	0	5785.00949	5785	0.00949	1.6396
		T (°C)	10	5785.01235	5785	0.01235	2.1343
		T (°C)	20	5785.00985	5785	0.00985	1.7021
		T (°C)	30	5785.00143	5785	0.00143	0.2477
		T (°C)	40	5785.00790	5785	0.00790	1.3648
		T (°C)	50	5785.00398	5785	0.00398	0.6885
		T (°C)	60	5785.00300	5785	0.00300	0.5187
		T (°C)	70	5785.00349	5785	0.00349	0.6028
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)	12.00	5825.00192	5825	0.00192	0.3288
		V max (V)	13.80	5825.00843	5825	0.00843	1.4474
		V min (V)	10.20	5825.00068	5825	0.00068	0.1168
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

Temperature vs. Frequency Stability				Reference Frequency:5825MHz			
TEST CONDITIONS				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	12	T (°C)	-20	5825.00100	5825	0.00100	0.1716
		T (°C)	-10	5825.00399	5825	0.00399	0.6851
		T (°C)	0	5825.00457	5825	0.00457	0.7844
		T (°C)	10	5825.00809	5825	0.00809	1.3895
		T (°C)	20	5825.00255	5825	0.00255	0.4379
		T (°C)	30	5825.01024	5825	0.01024	1.7576
		T (°C)	40	5825.00417	5825	0.00417	0.7155
		T (°C)	50	5825.00702	5825	0.00702	1.2058
		T (°C)	60	5825.00562	5825	0.00562	0.9647
		T (°C)	70	5825.00400	5825	0.00400	0.6863
Limits				5725-5850 MHz			
Result				Complies			

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

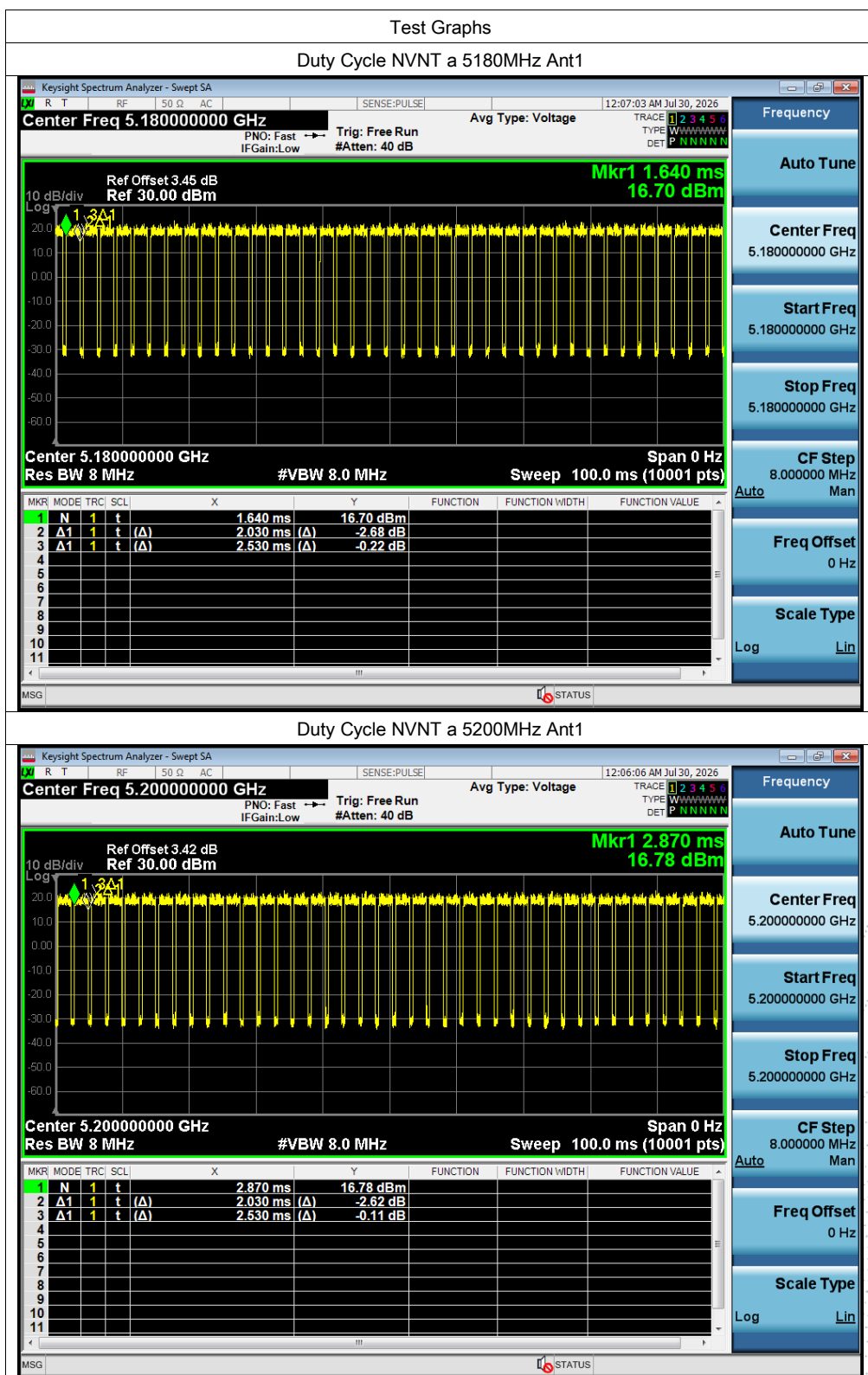
14.3 Test Procedure

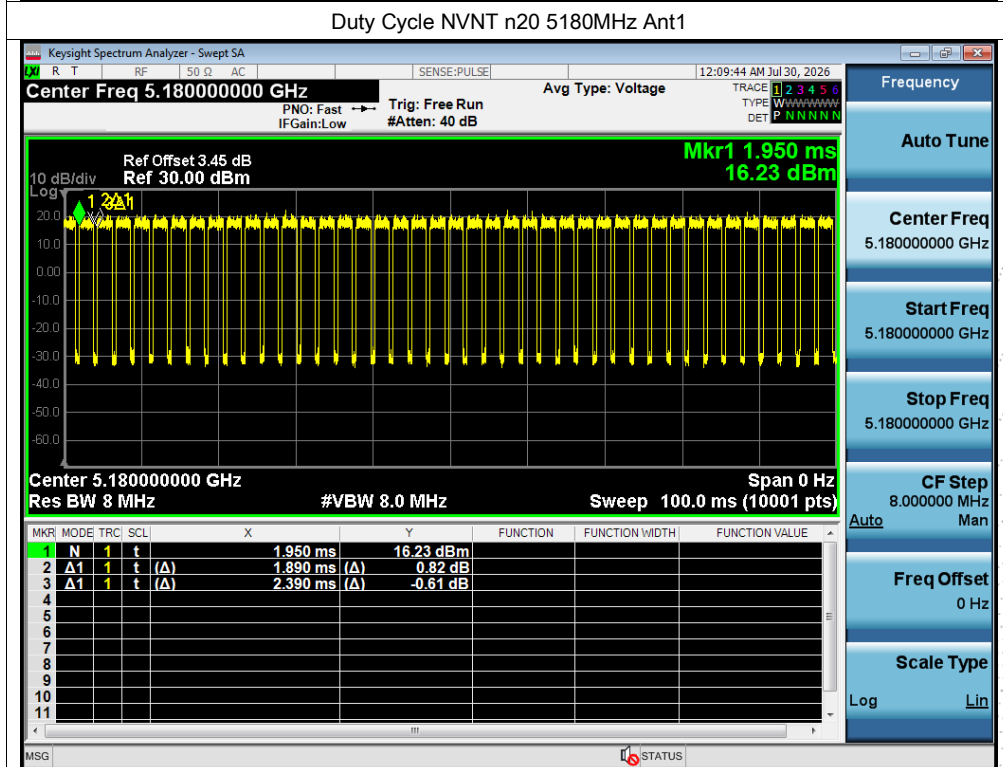
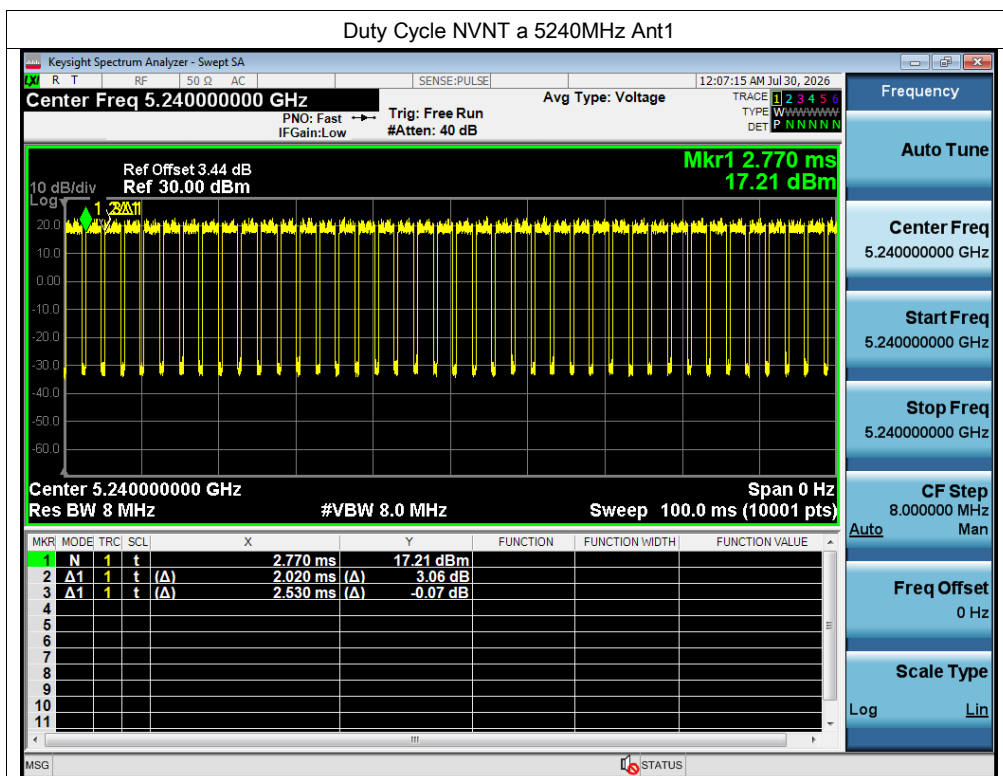
1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

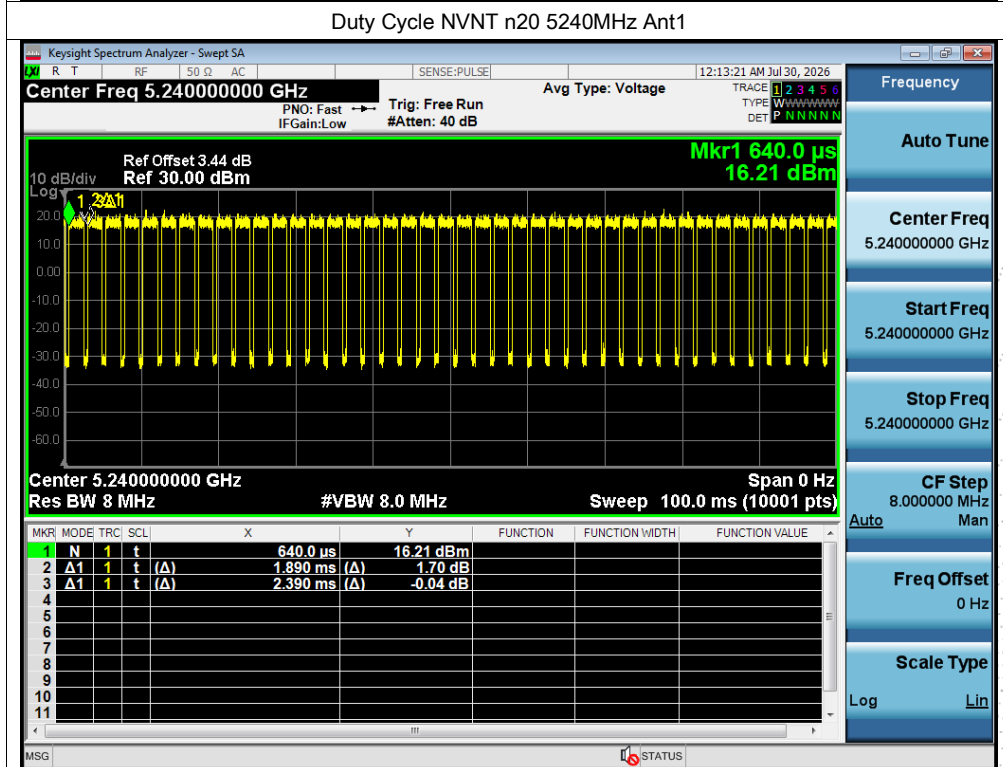
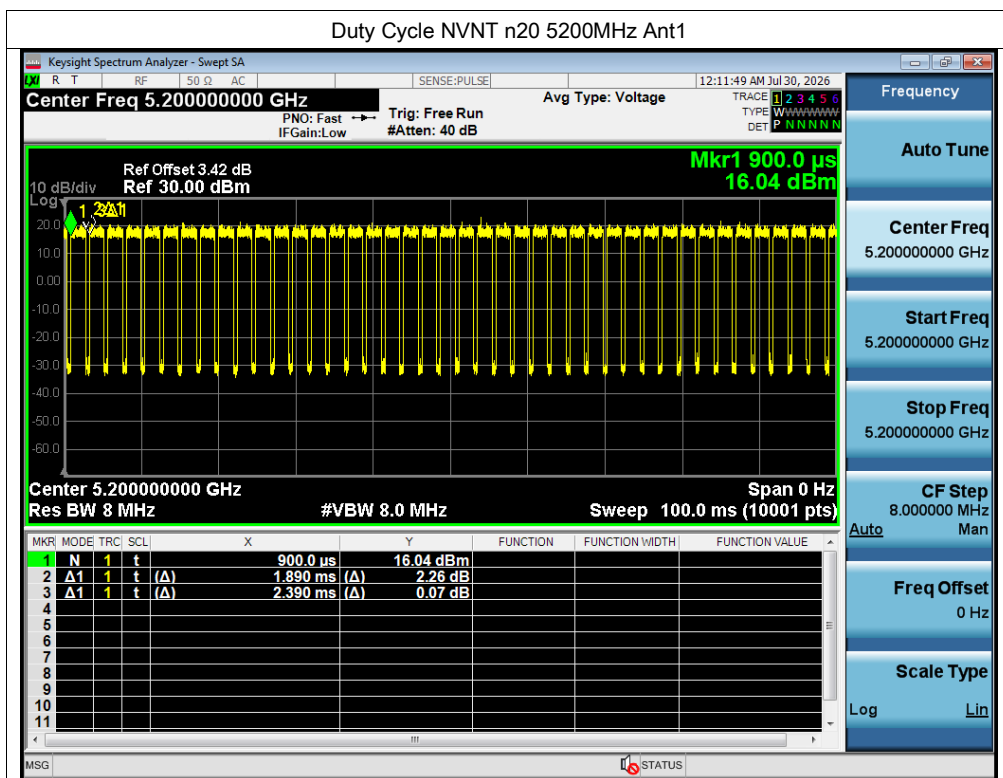
14.4 Test Result

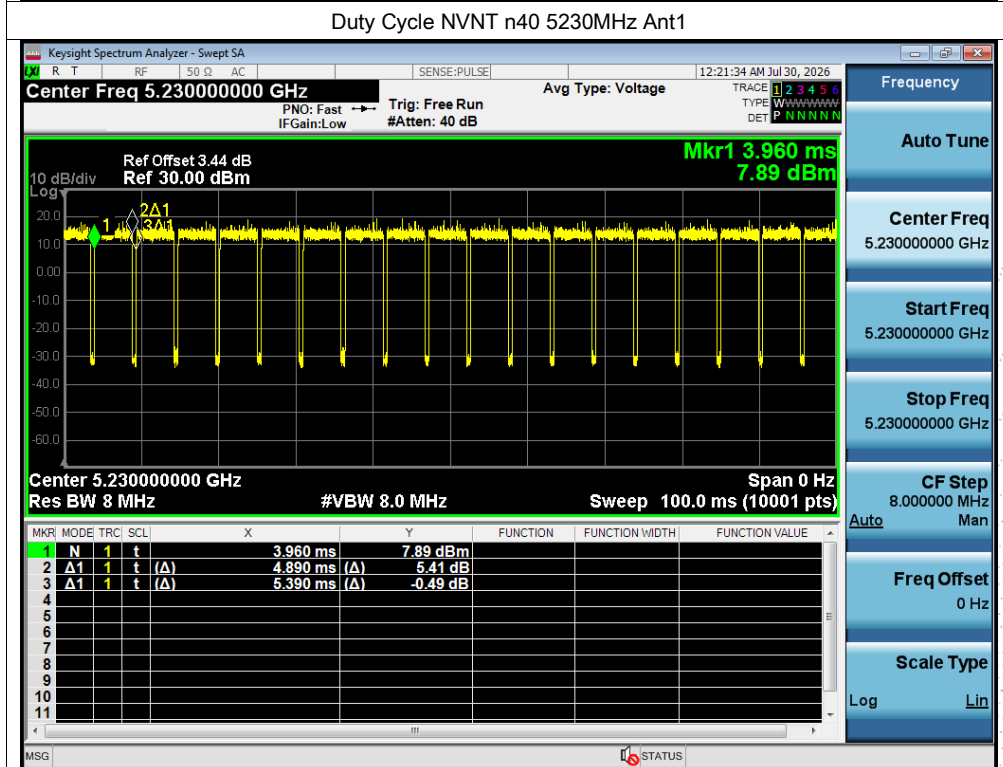
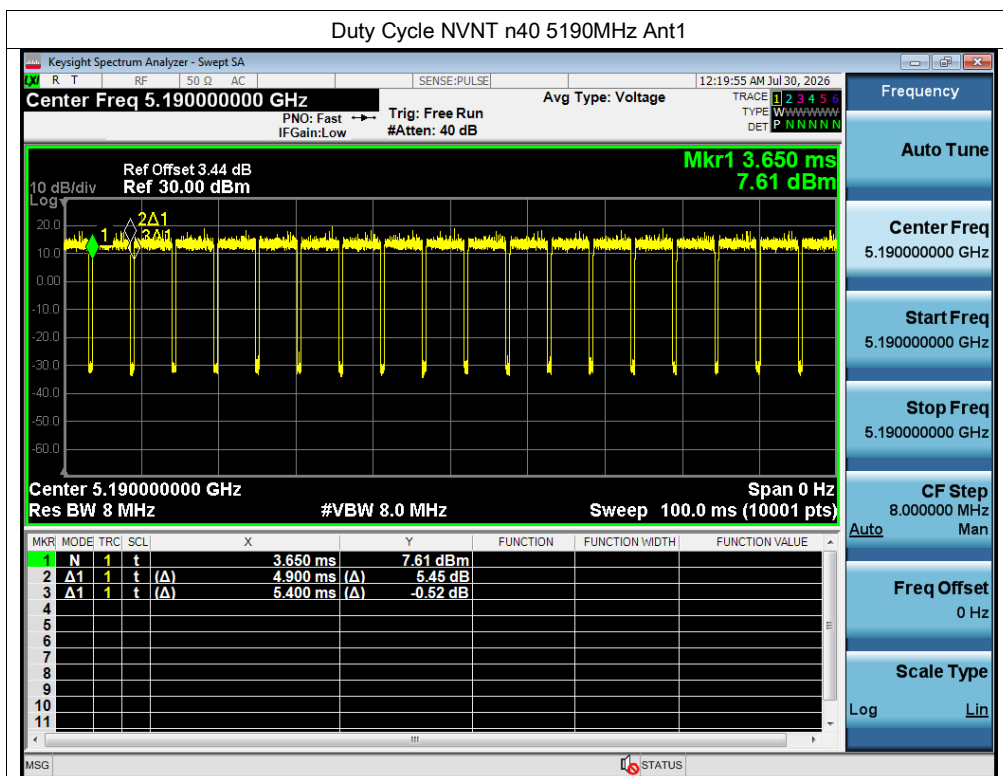
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	80.24	0.96	0.49
NVNT	a	5200	80.24	0.96	0.49
NVNT	a	5240	79.84	0.98	0.5
NVNT	n20	5180	79.08	1.02	0.53
NVNT	n20	5200	79.08	1.02	0.53
NVNT	n20	5240	79.08	1.02	0.53
NVNT	n40	5190	90.74	0.42	0.2
NVNT	n40	5230	90.72	0.42	0.2

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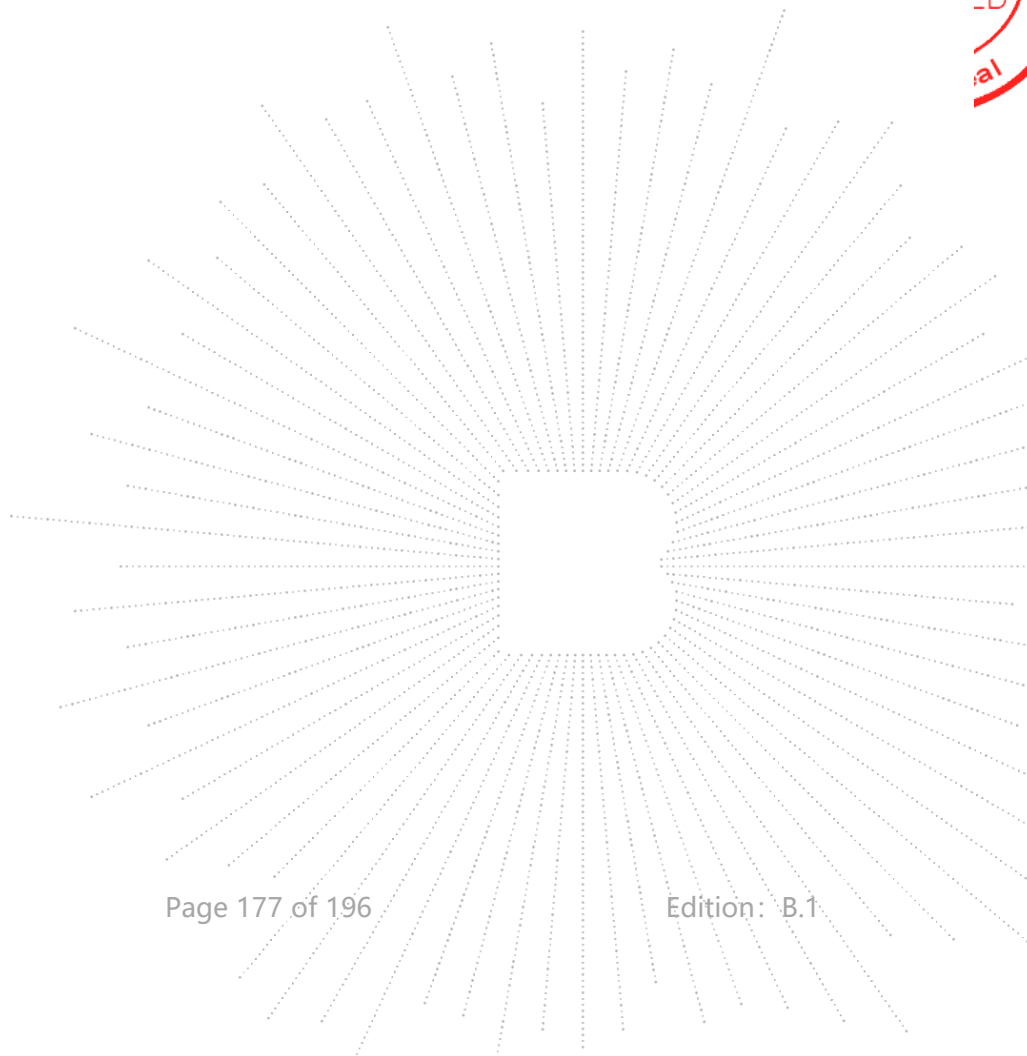


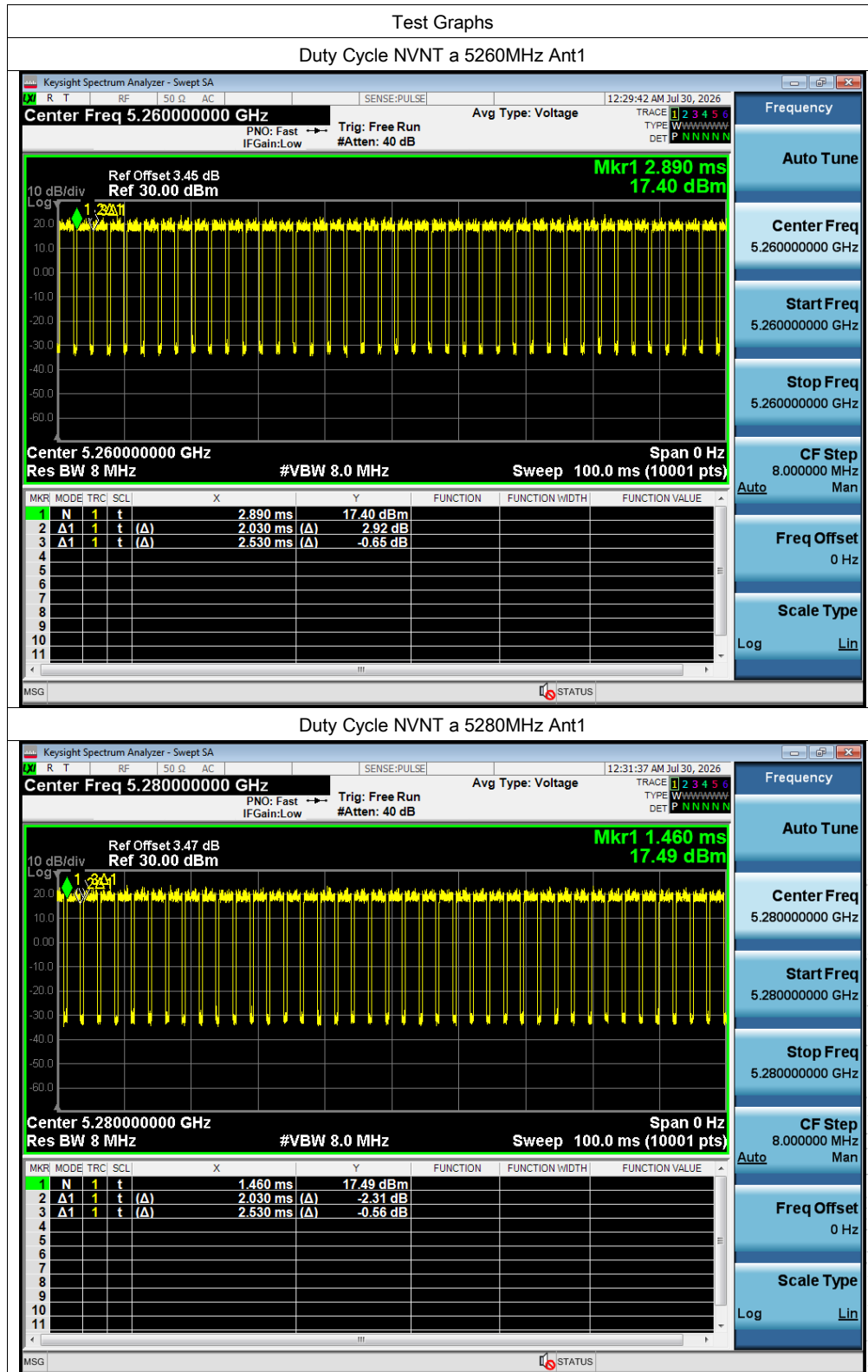


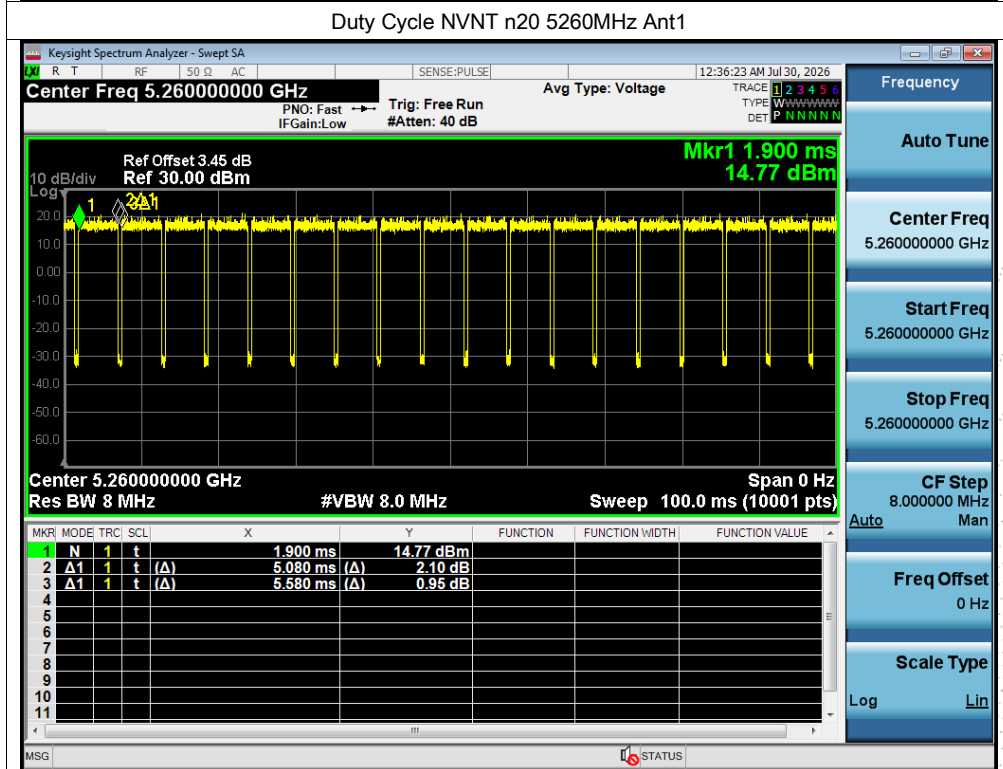
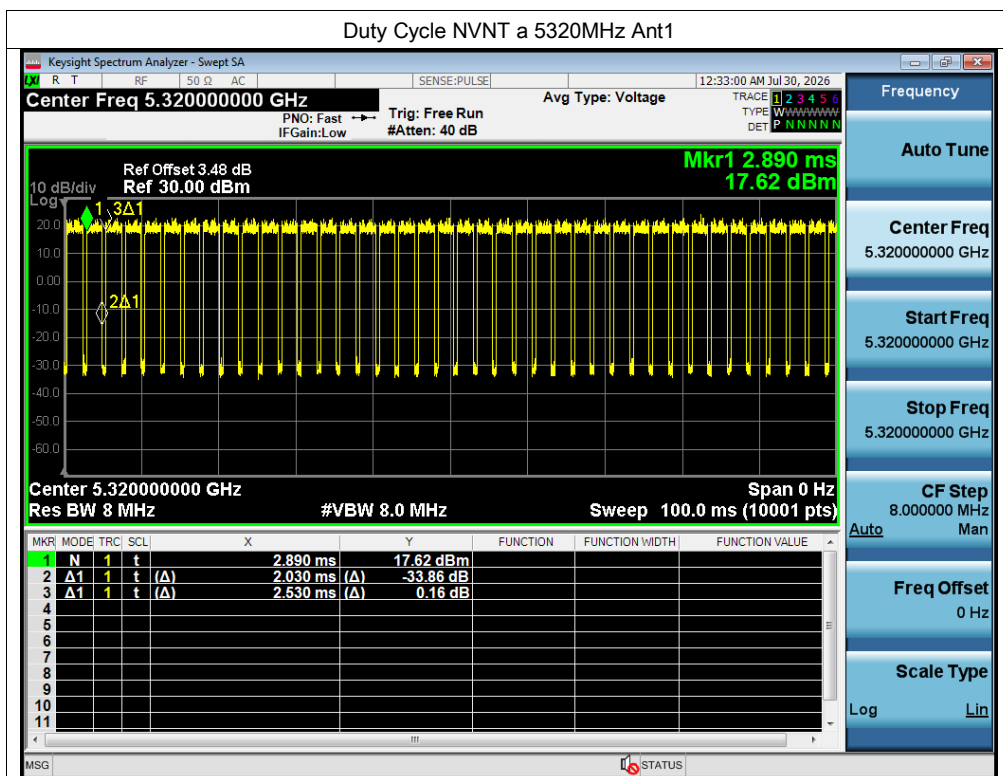


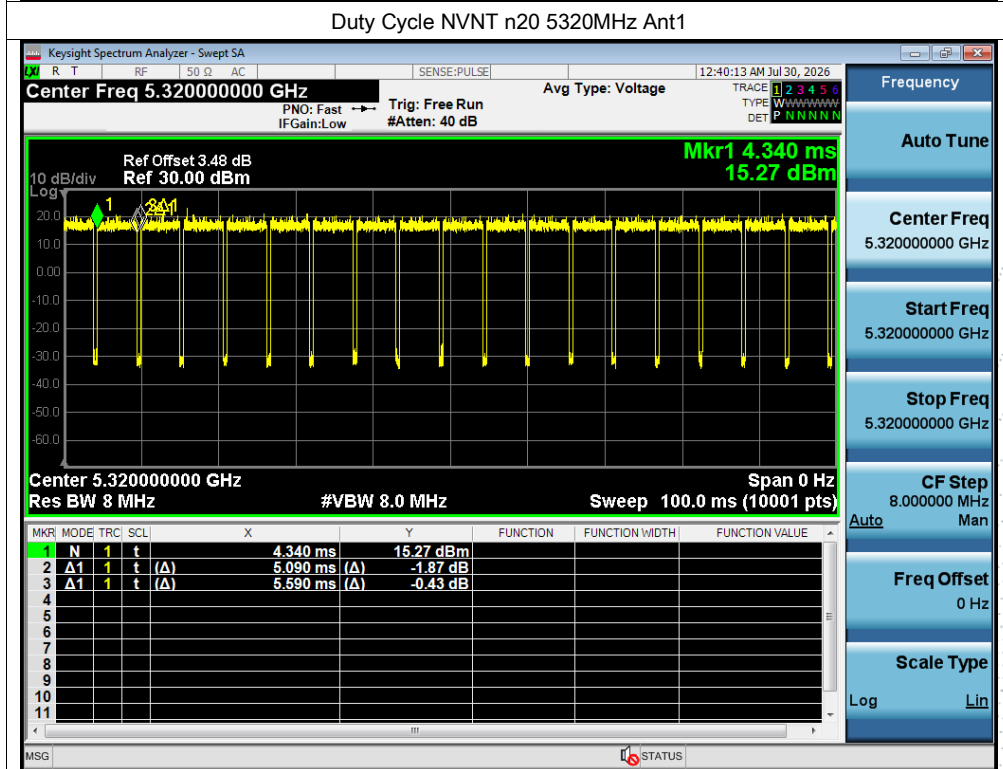
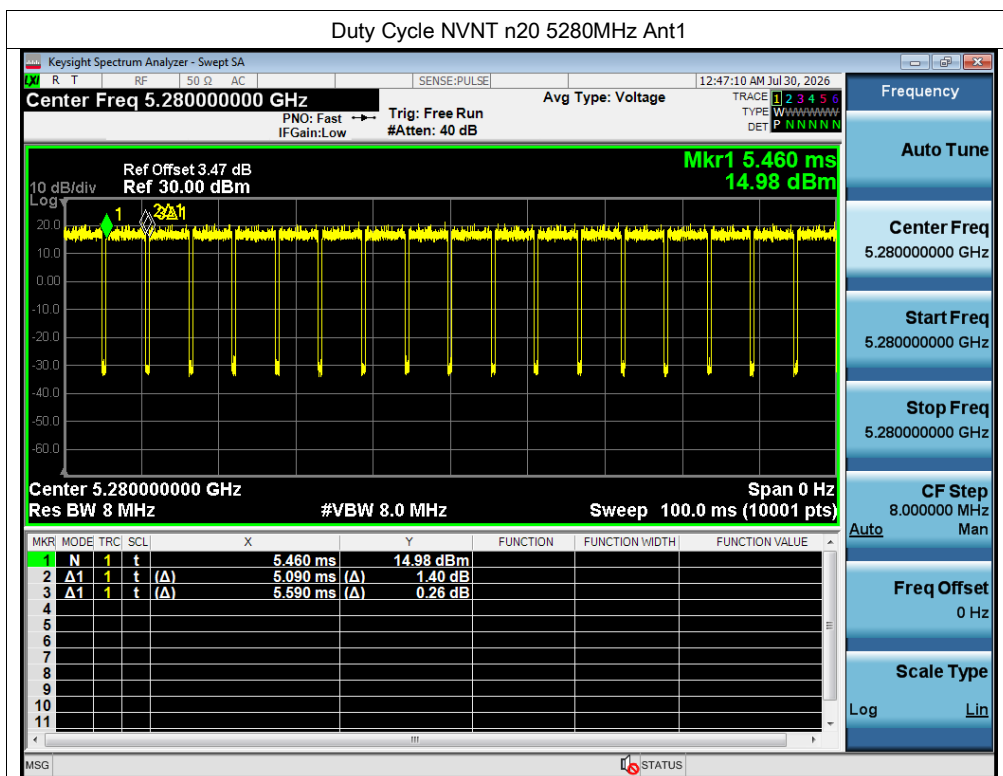


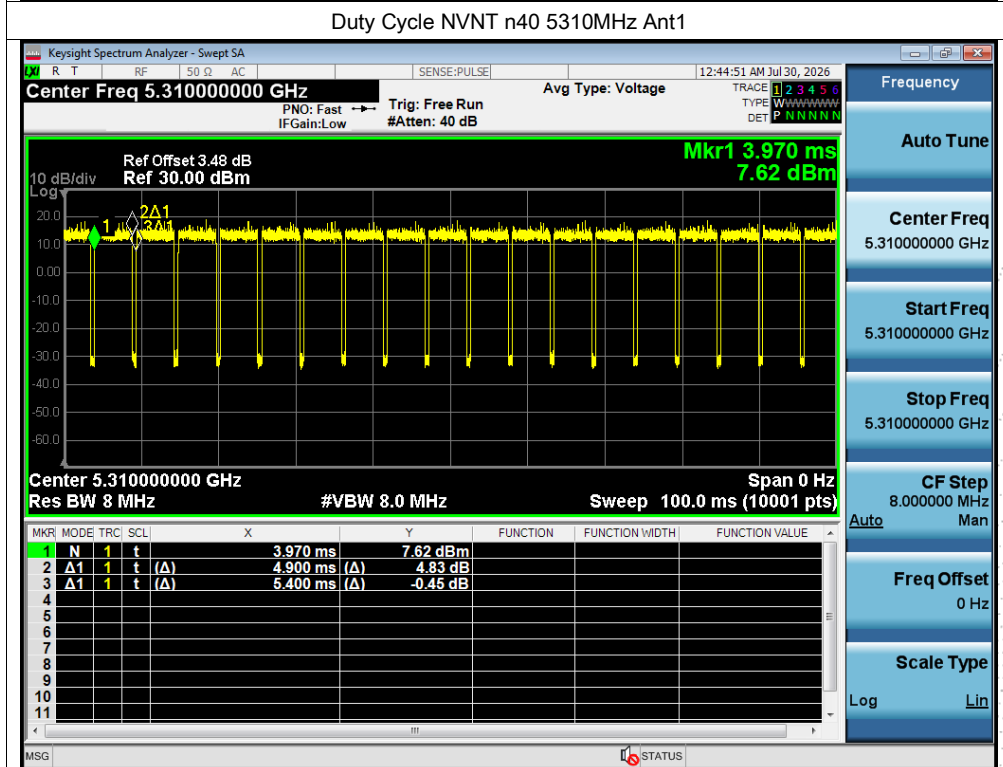
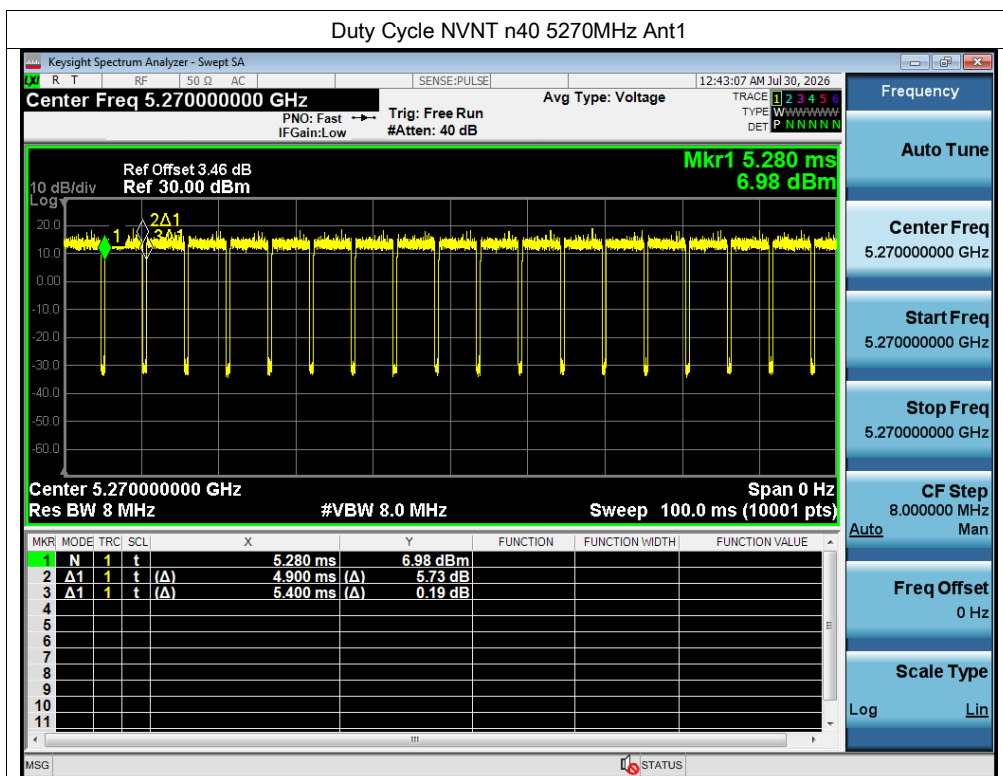
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	80.24	0.96	0.49
NVNT	a	5280	80.24	0.96	0.49
NVNT	a	5320	80.24	0.96	0.49
NVNT	n20	5260	91.04	0.41	0.2
NVNT	n20	5280	91.06	0.41	0.2
NVNT	n20	5320	91.06	0.41	0.2
NVNT	n40	5270	90.74	0.42	0.2
NVNT	n40	5310	90.74	0.42	0.2



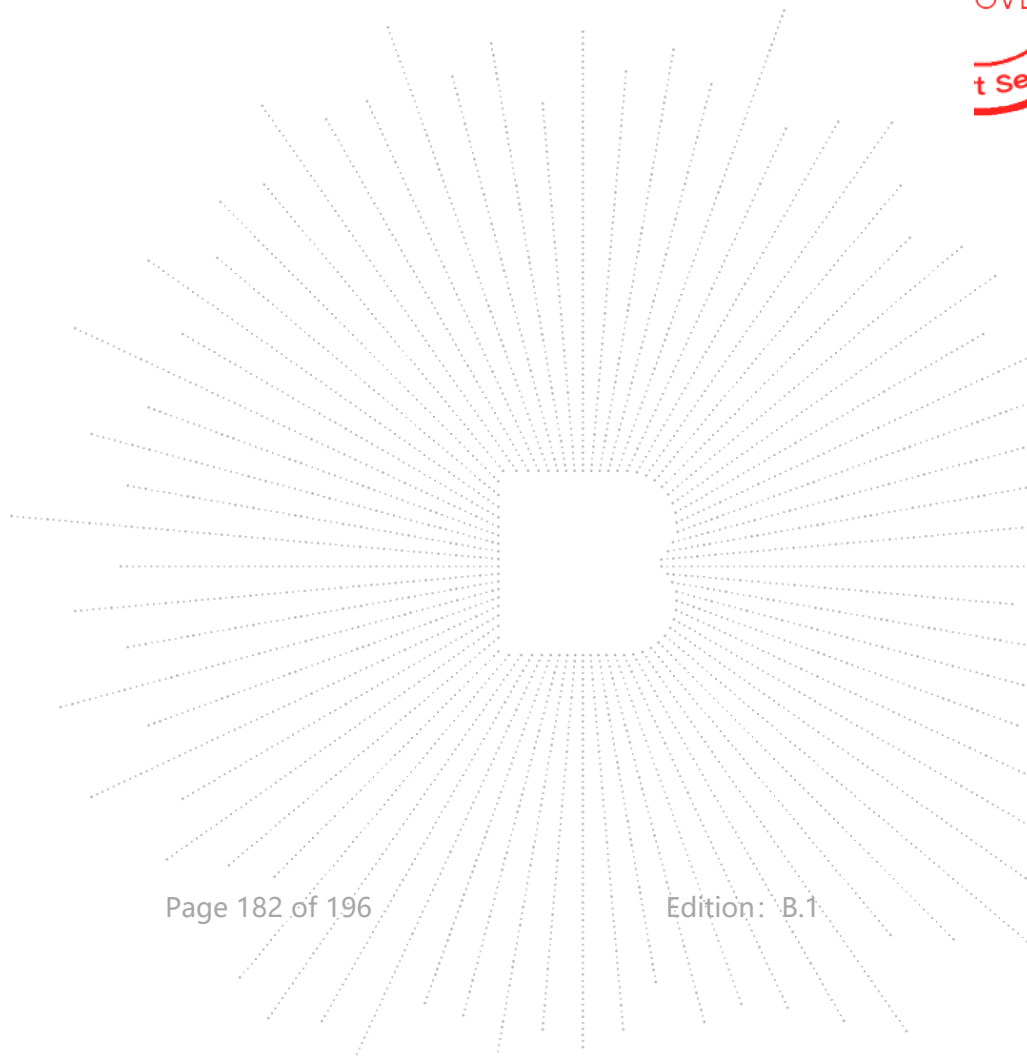


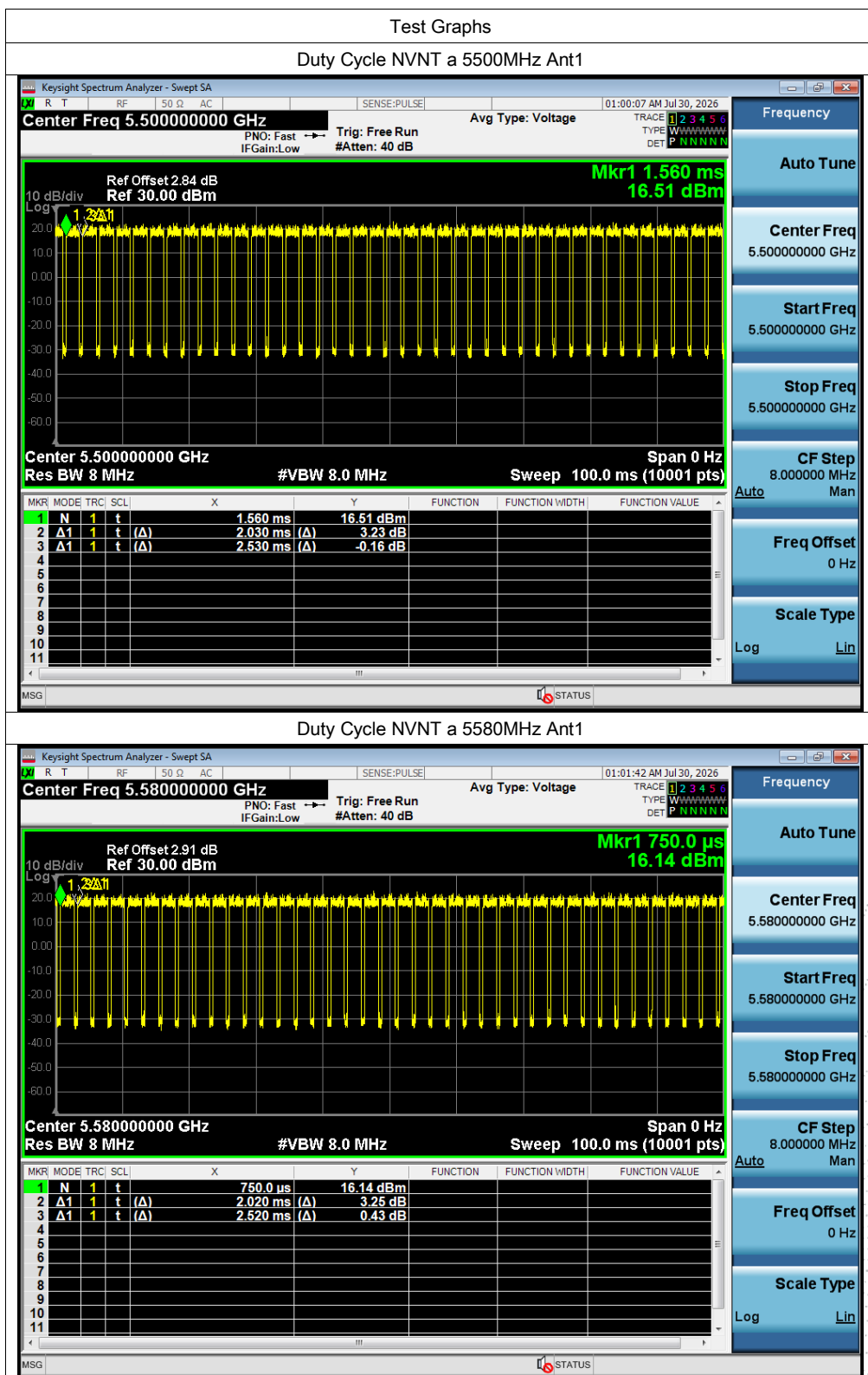


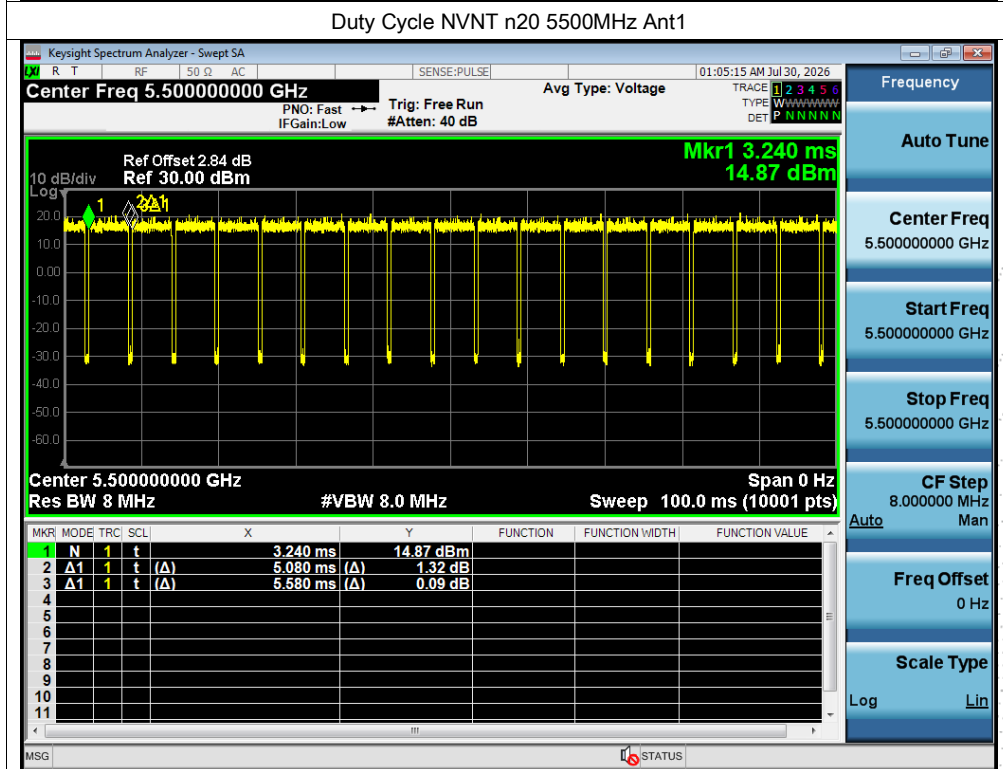
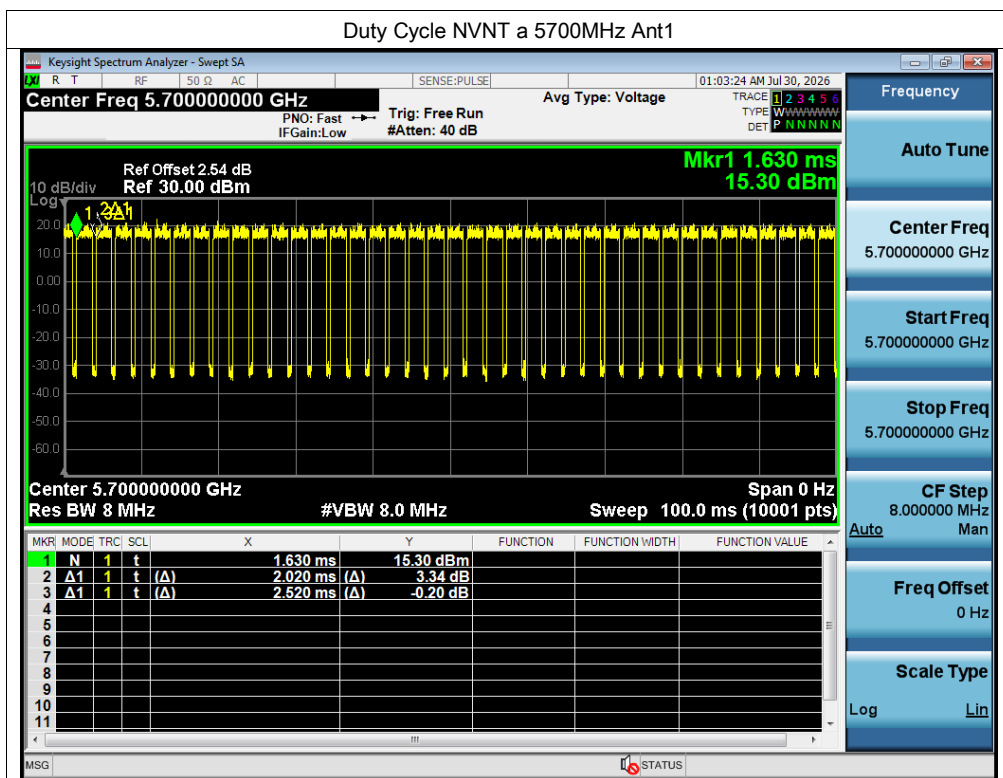




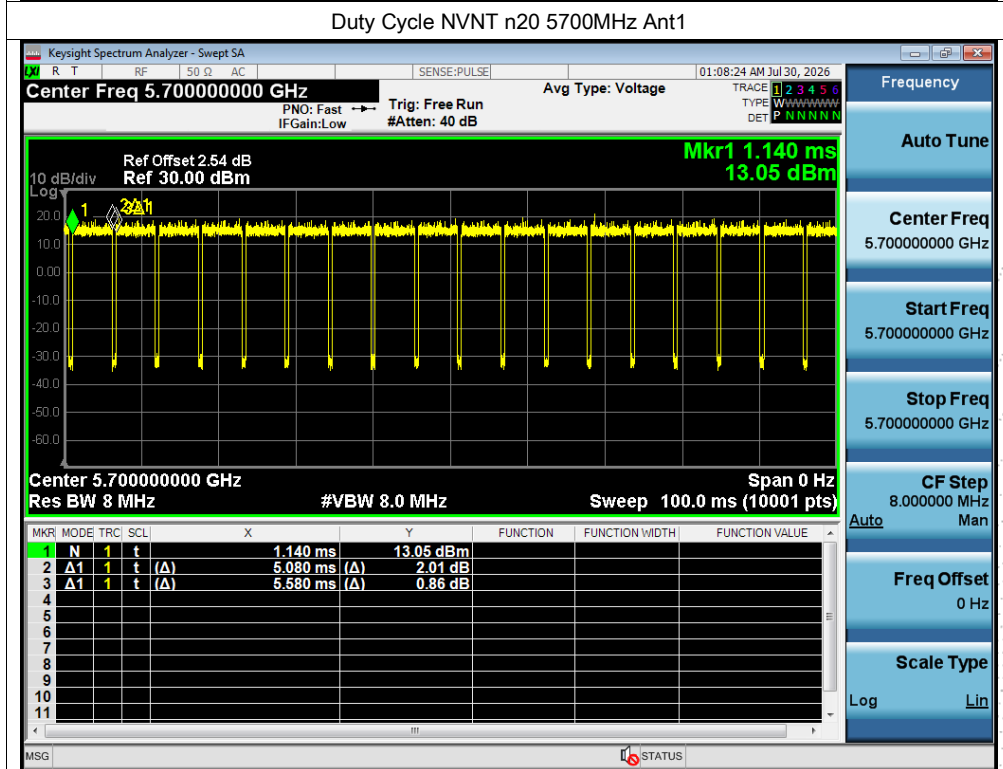
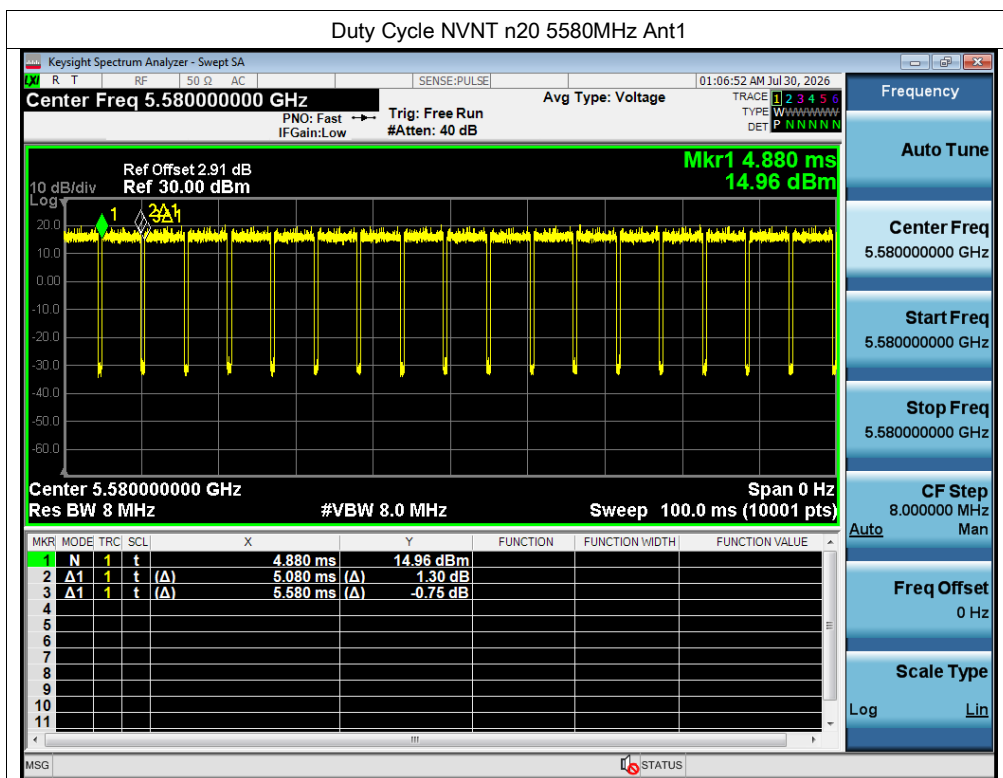
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	80.24	0.96	0.49
NVNT	a	5580	80.16	0.96	0.5
NVNT	a	5700	80.16	0.96	0.5
NVNT	n20	5500	91.04	0.41	0.2
NVNT	n20	5580	91.04	0.41	0.2
NVNT	n20	5700	91.04	0.41	0.2
NVNT	n40	5510	90.74	0.42	0.2
NVNT	n40	5550	90.72	0.42	0.2
NVNT	n40	5670	90.74	0.42	0.2

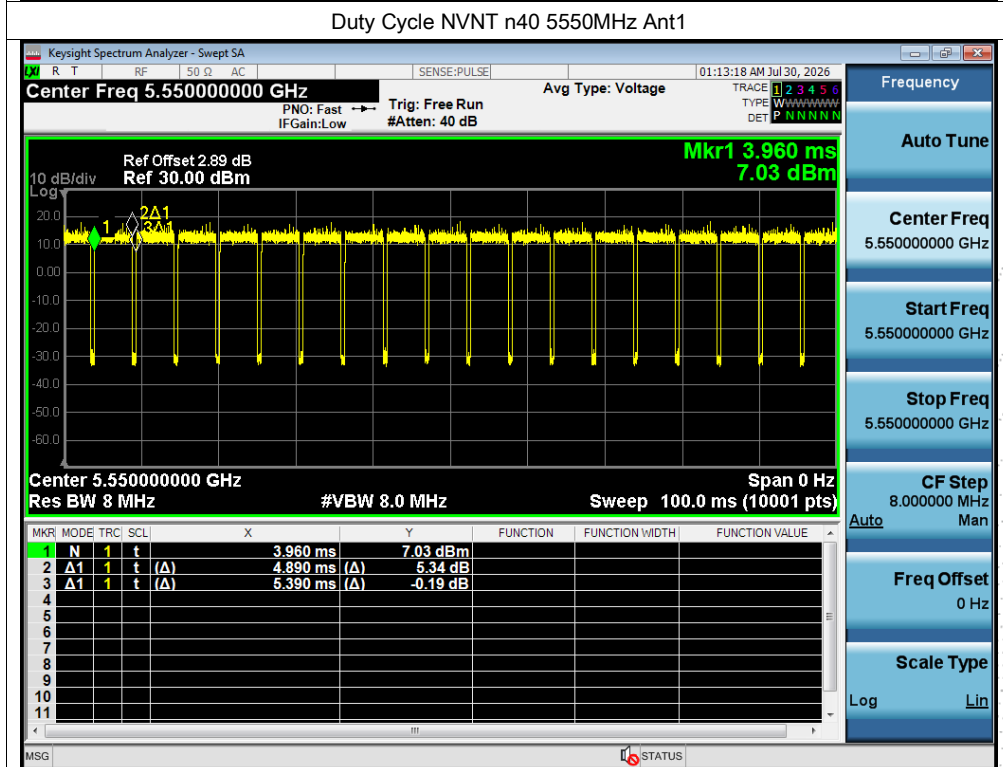
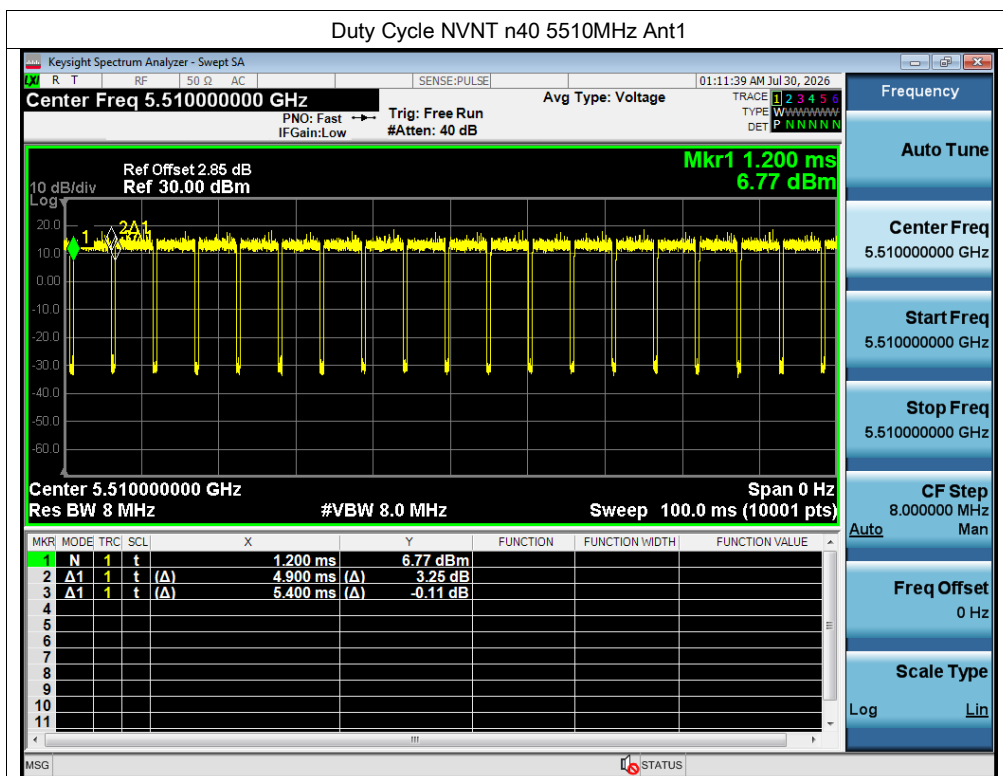


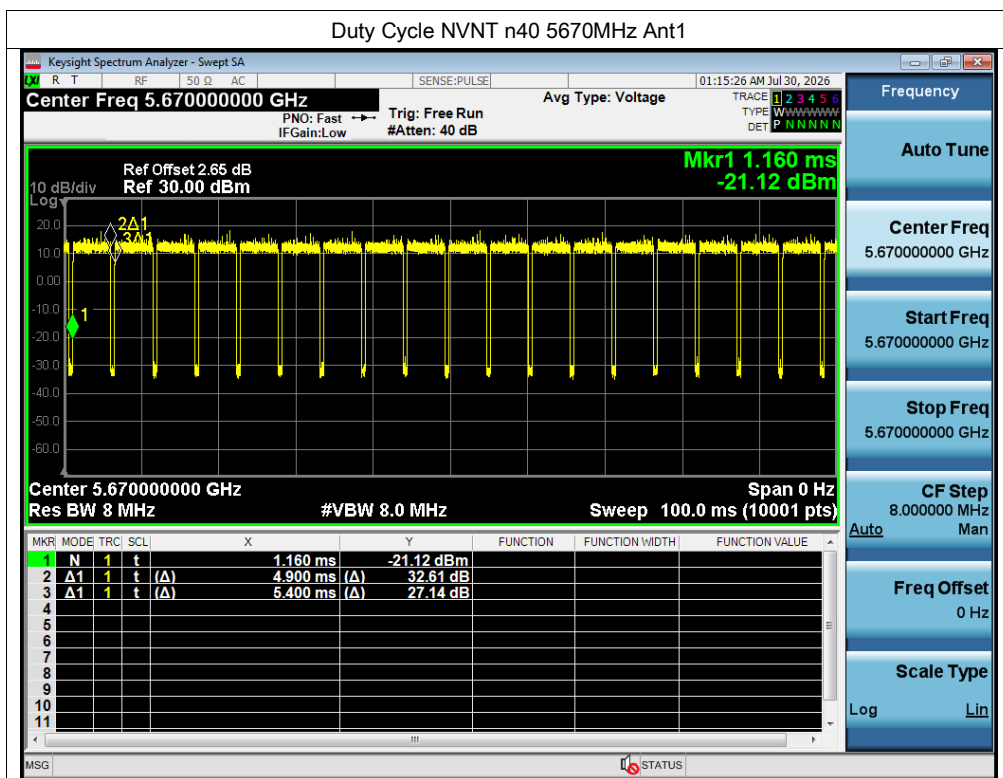




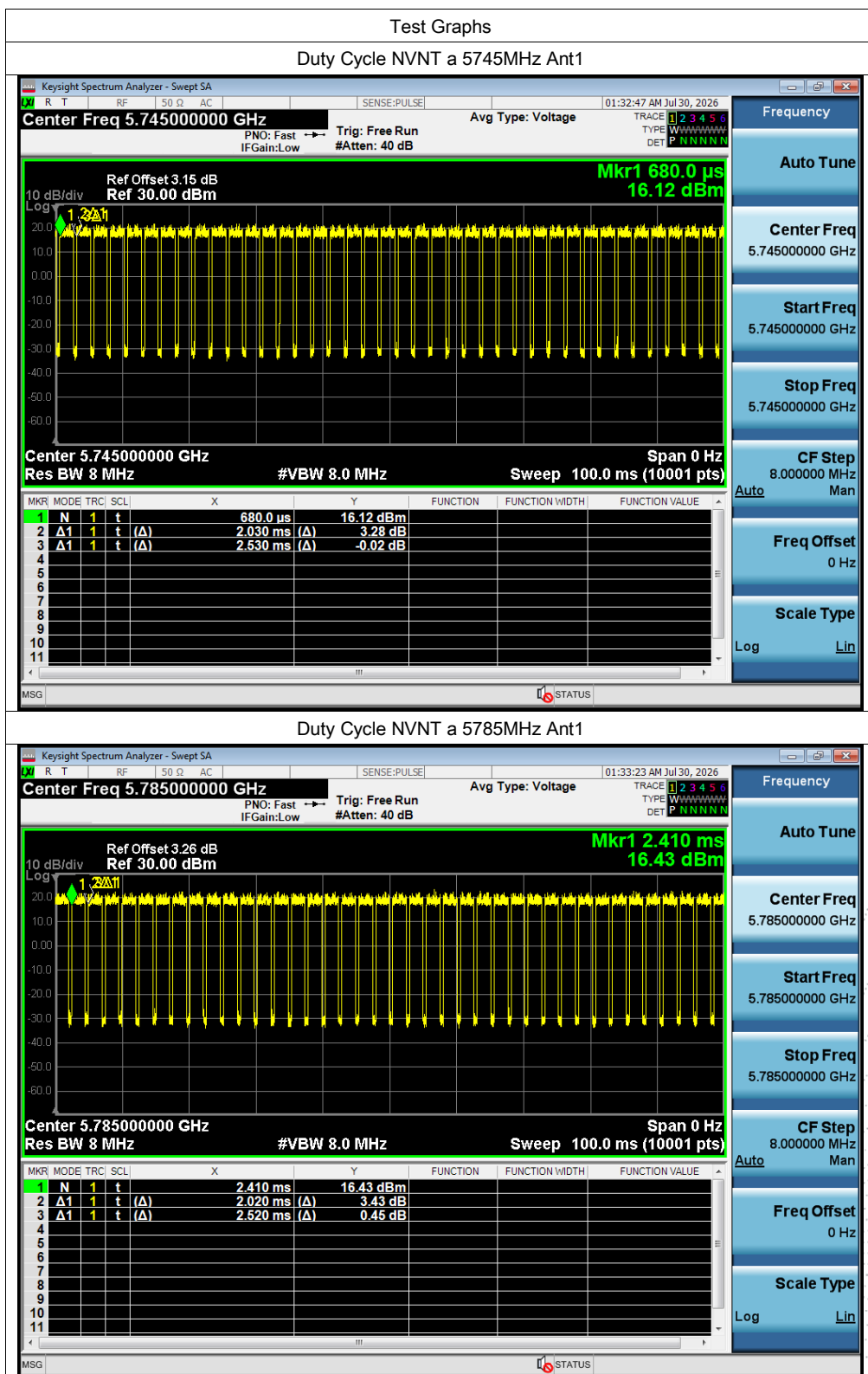
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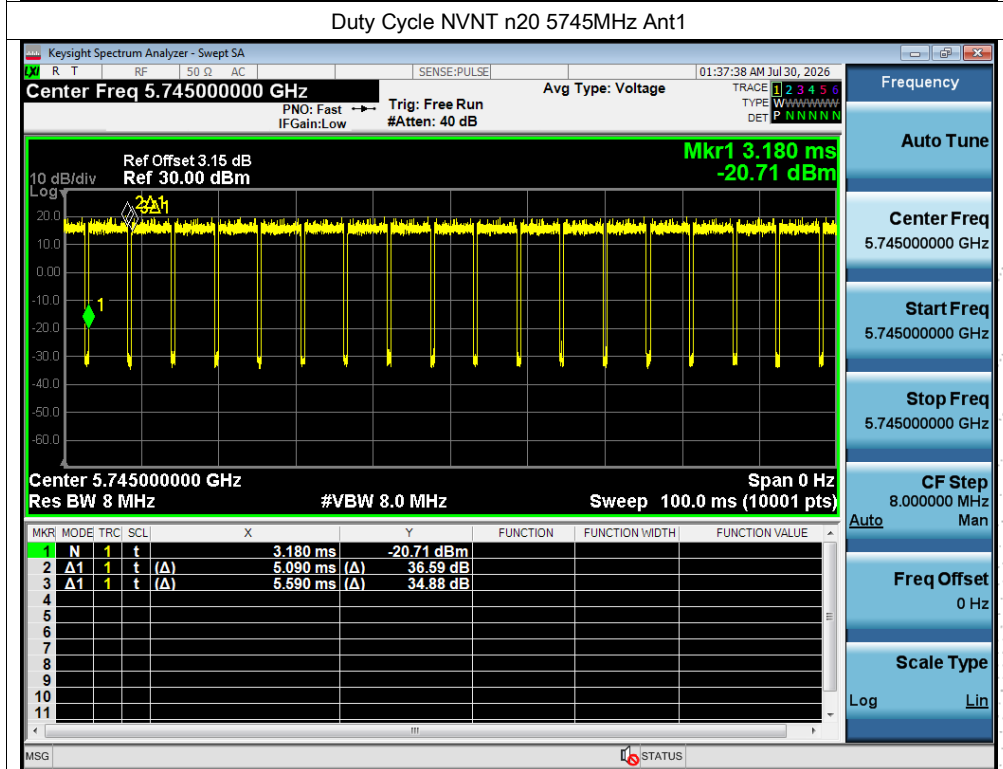
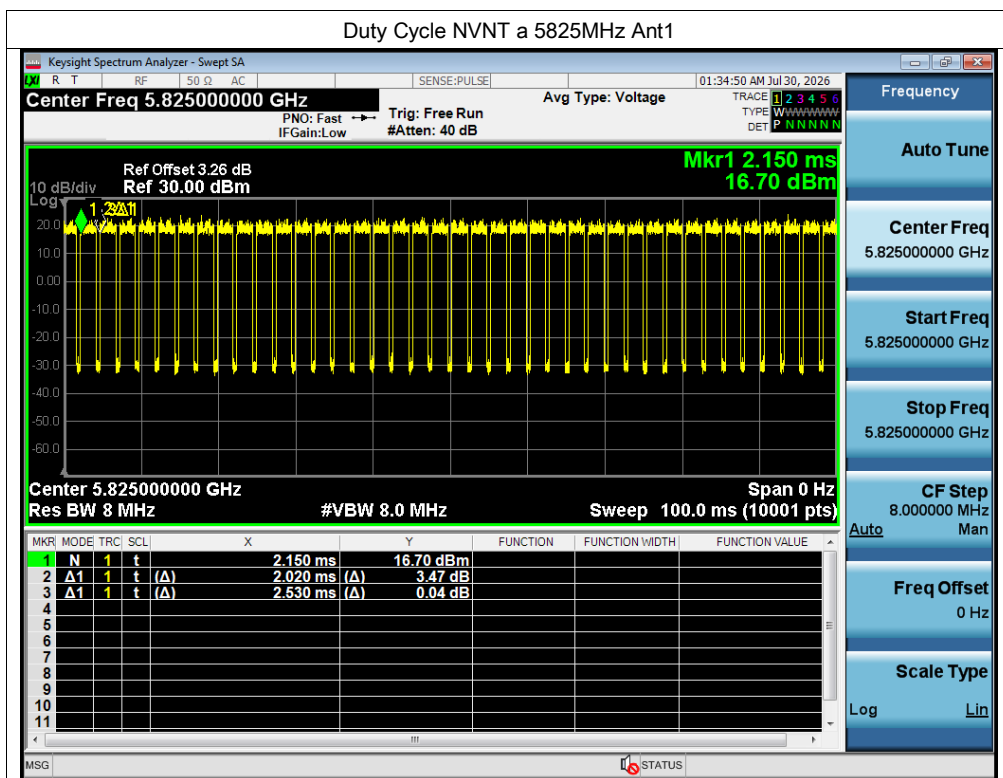




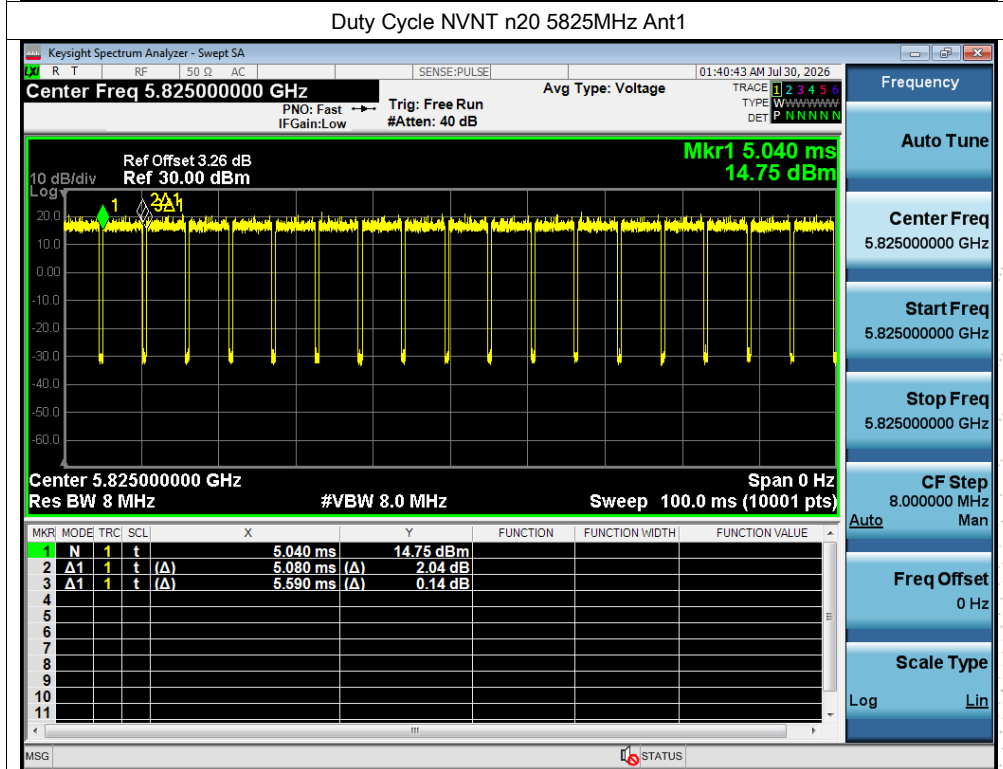
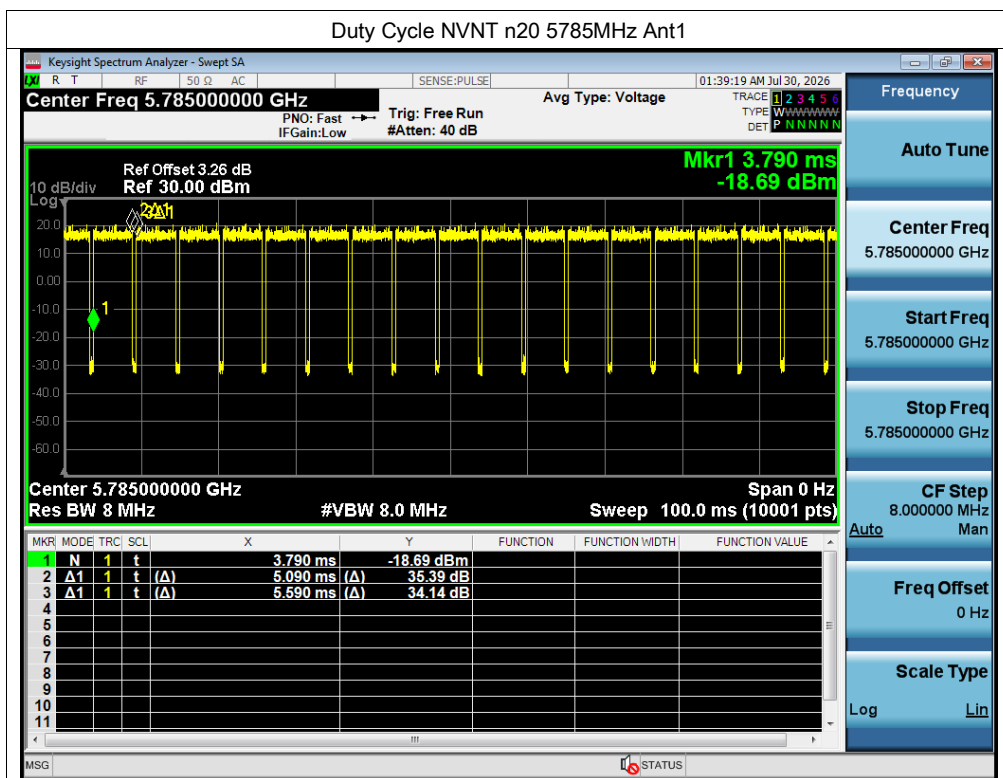


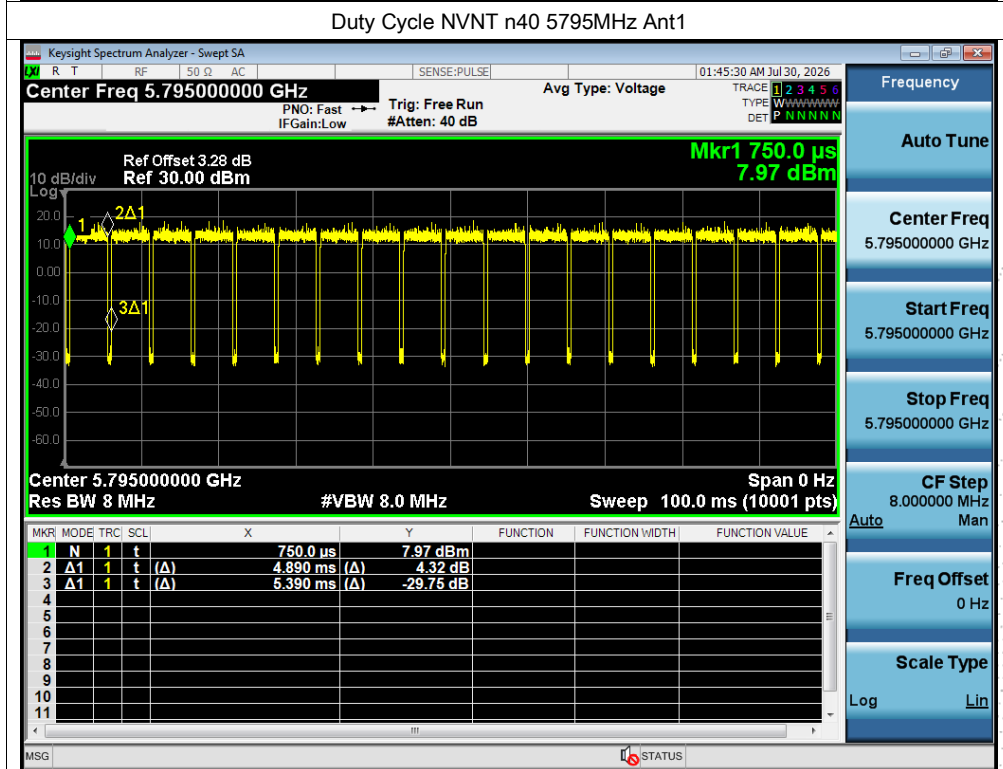
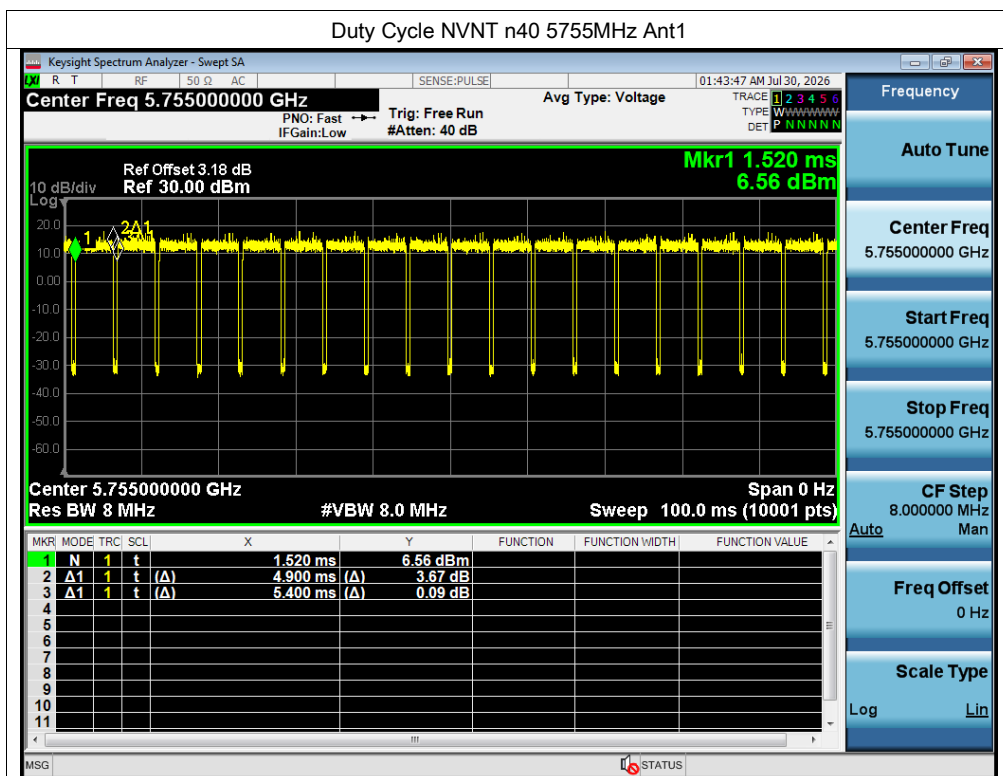
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	80.24	0.96	0.49
NVNT	a	5785	80.16	0.96	0.5
NVNT	a	5825	79.84	0.98	0.5
NVNT	n20	5745	91.06	0.41	0.2
NVNT	n20	5785	91.06	0.41	0.2
NVNT	n20	5825	90.88	0.42	0.2
NVNT	n40	5755	90.74	0.42	0.2
NVNT	n40	5795	90.72	0.42	0.2





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15. Antenna Requirement

15.1 Limit

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

15.2 Test Result

The EUT antenna is Internal antenna, fulfill the requirement of this section.

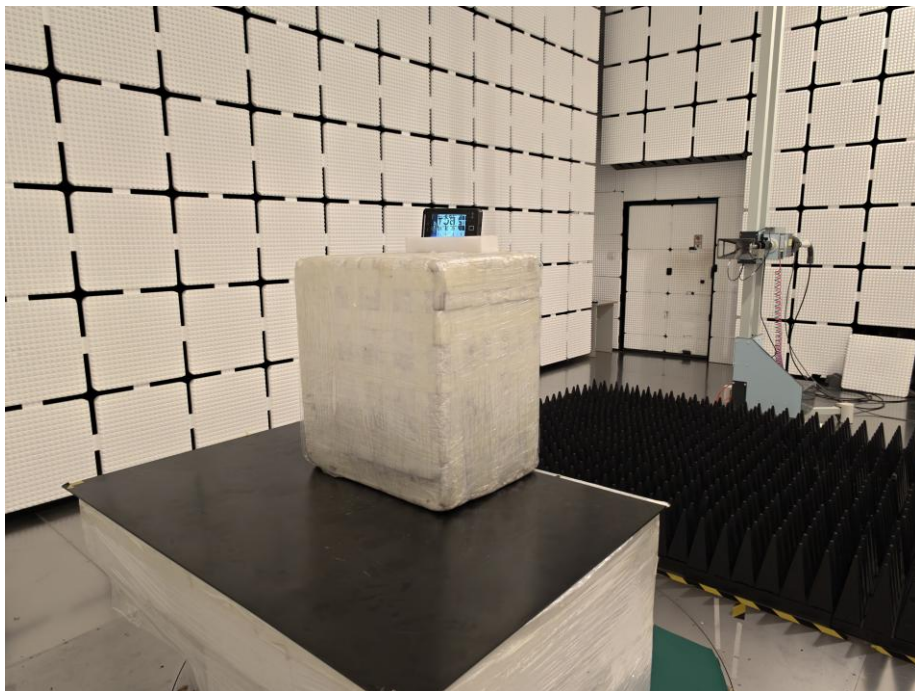
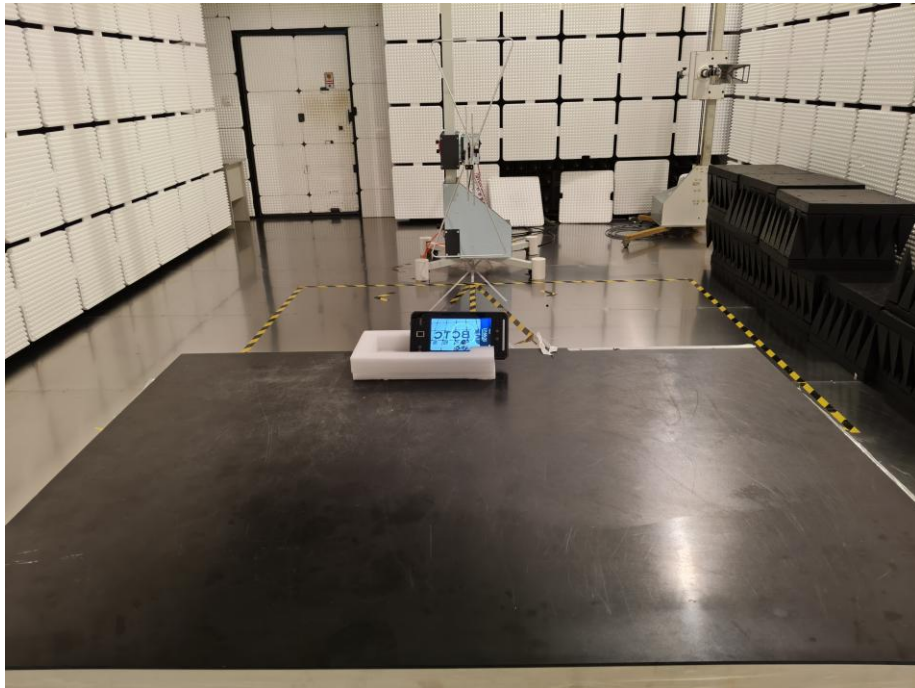
16. EUT Test Setup Photographs

Conducted Emissions Photo



Radiated Measurement Photos





STATEMENT

1. The equipment lists are traceable to the International System of Units (SI)
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC 17025:2017.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

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FAX: 0755-33229357

Website: <http://www.chnbctc.com>

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

***** END *****

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