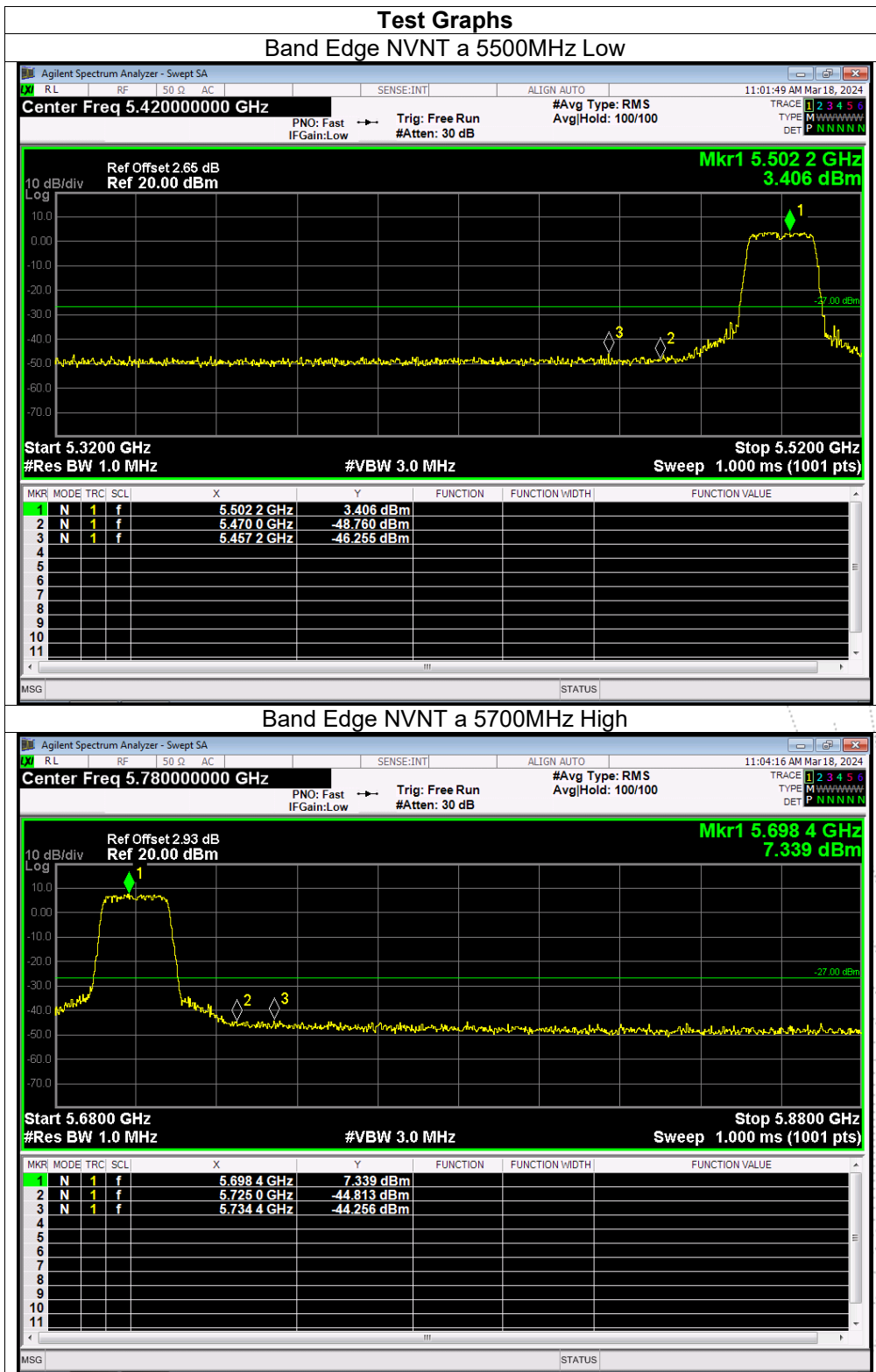
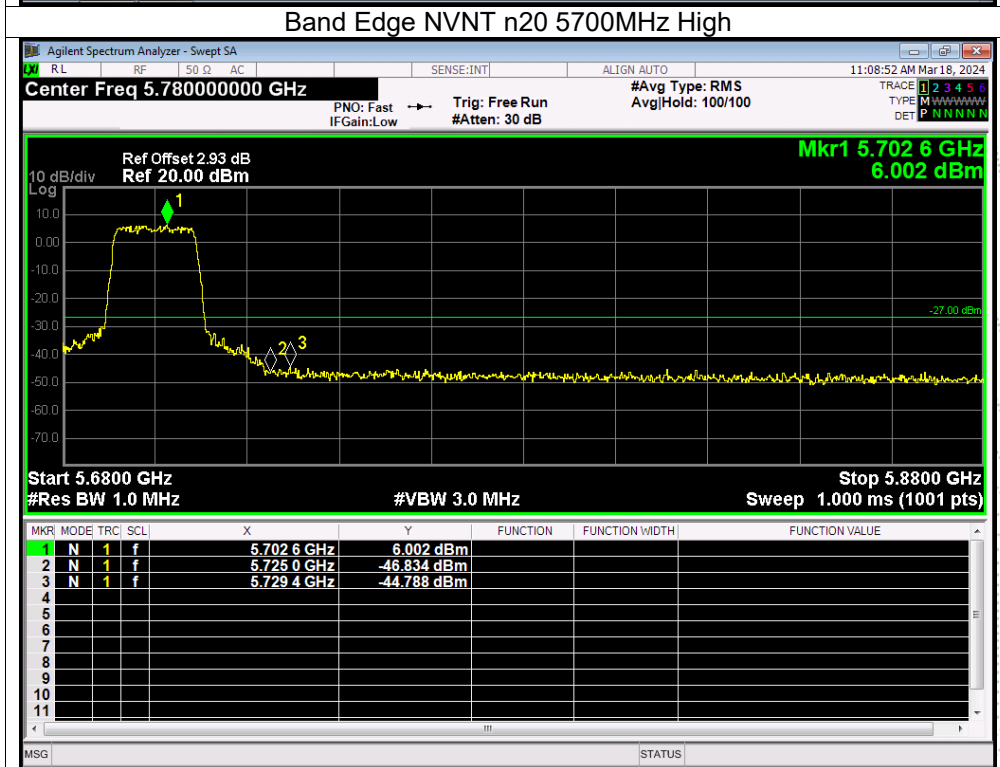
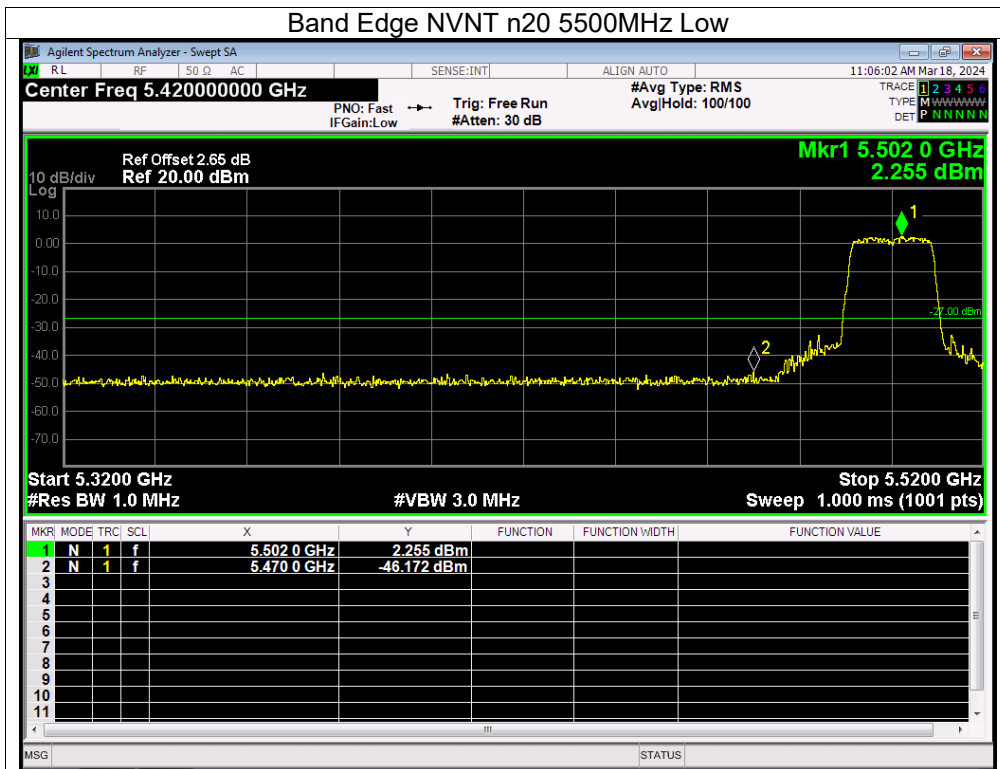
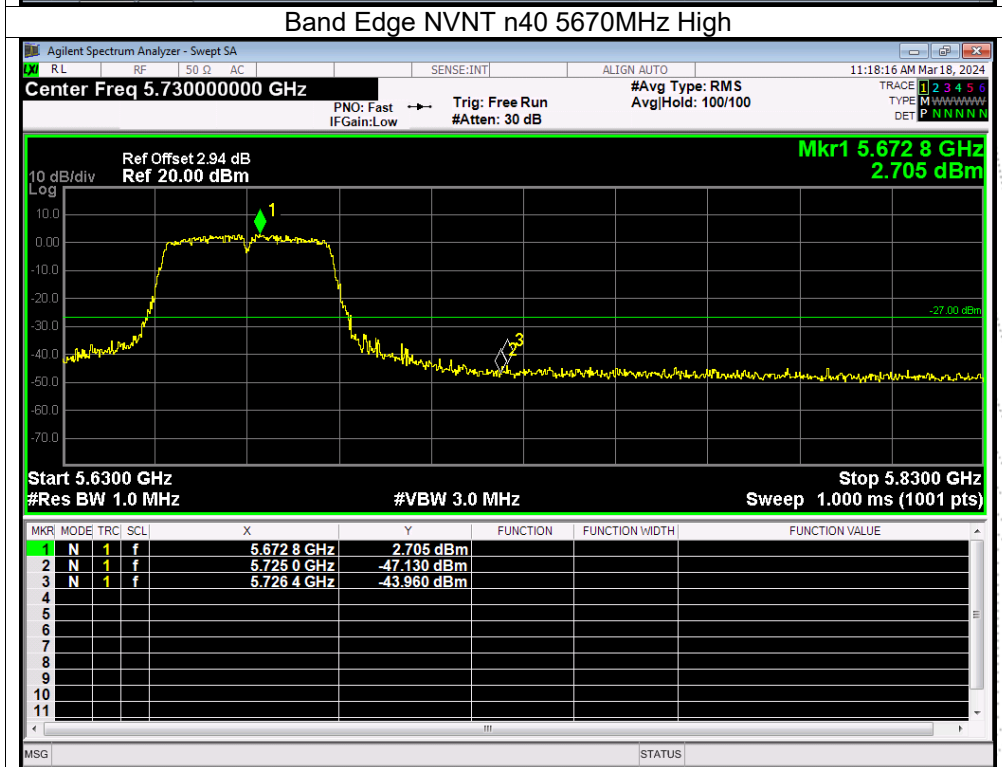
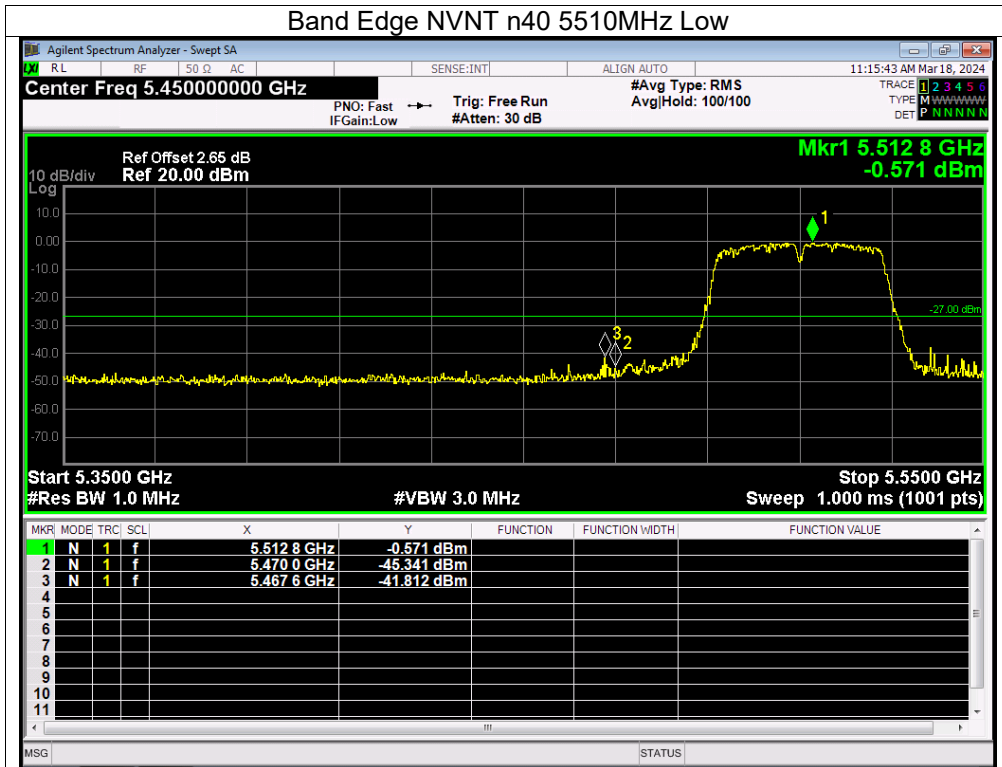
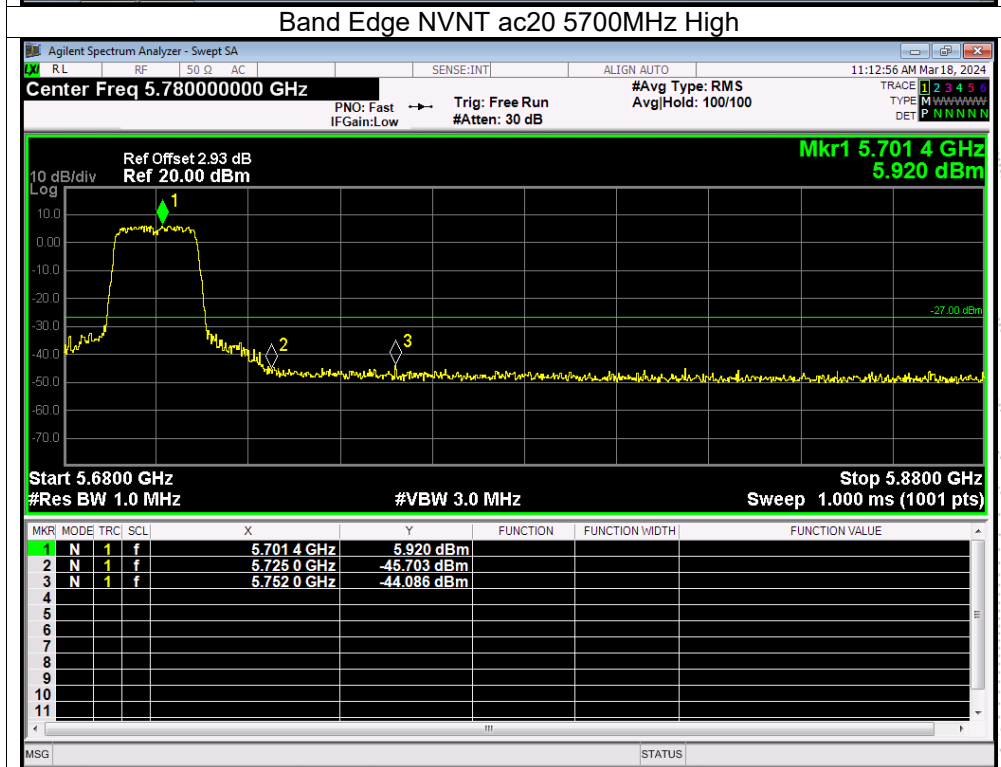
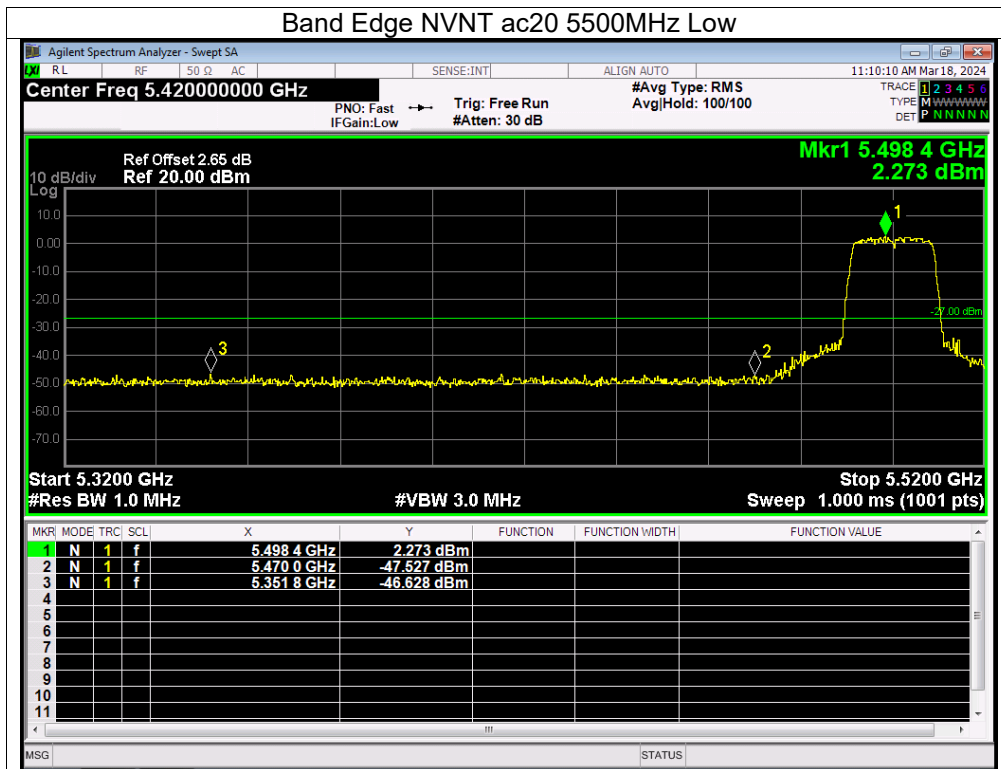


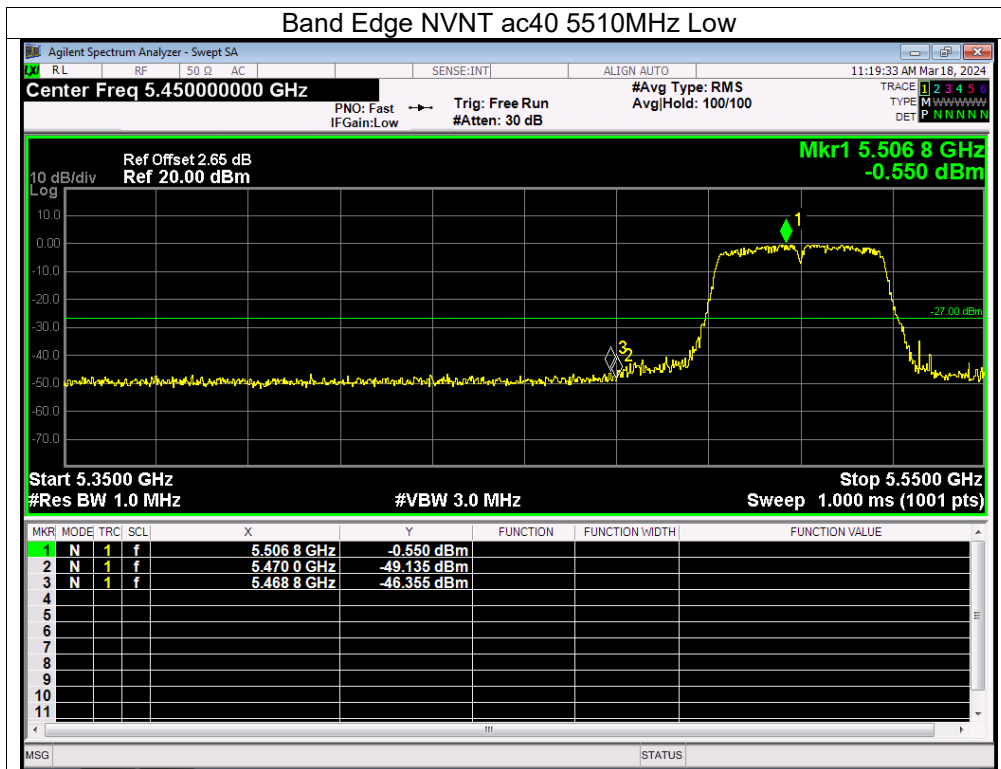
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5500-5700MHz

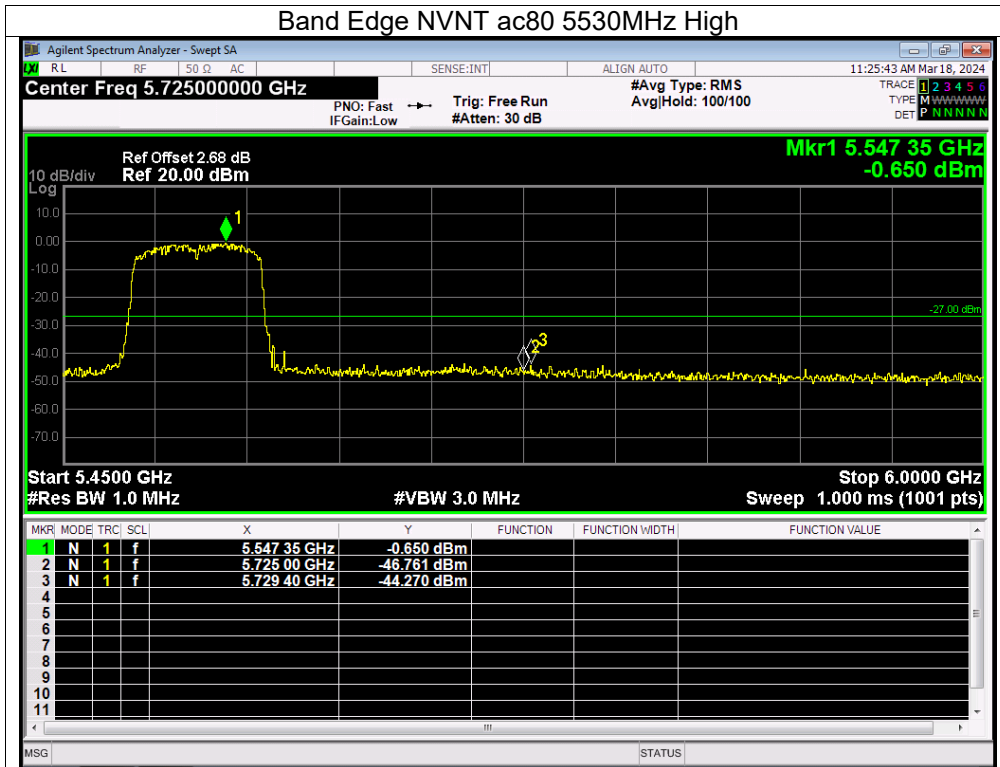




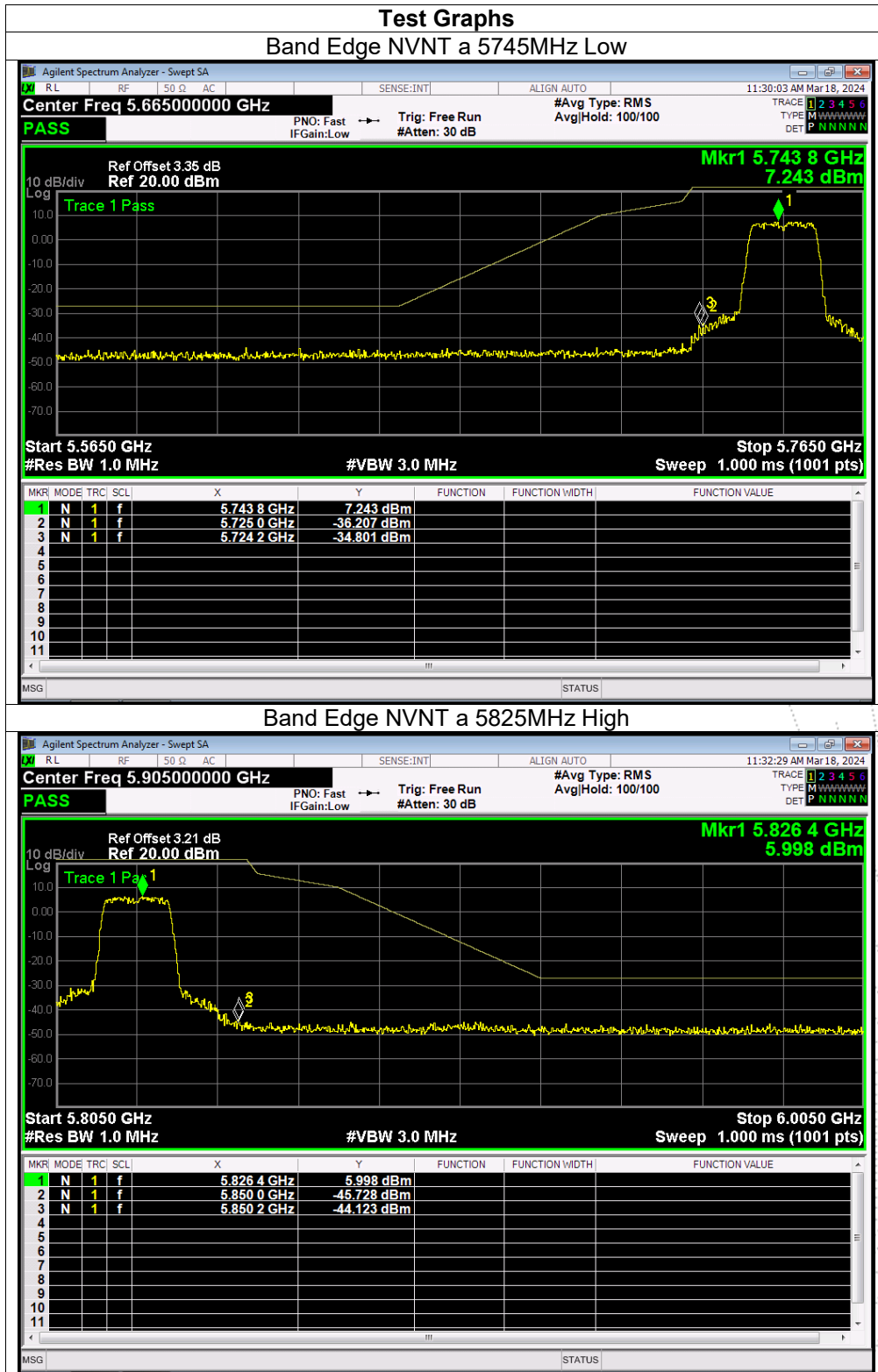


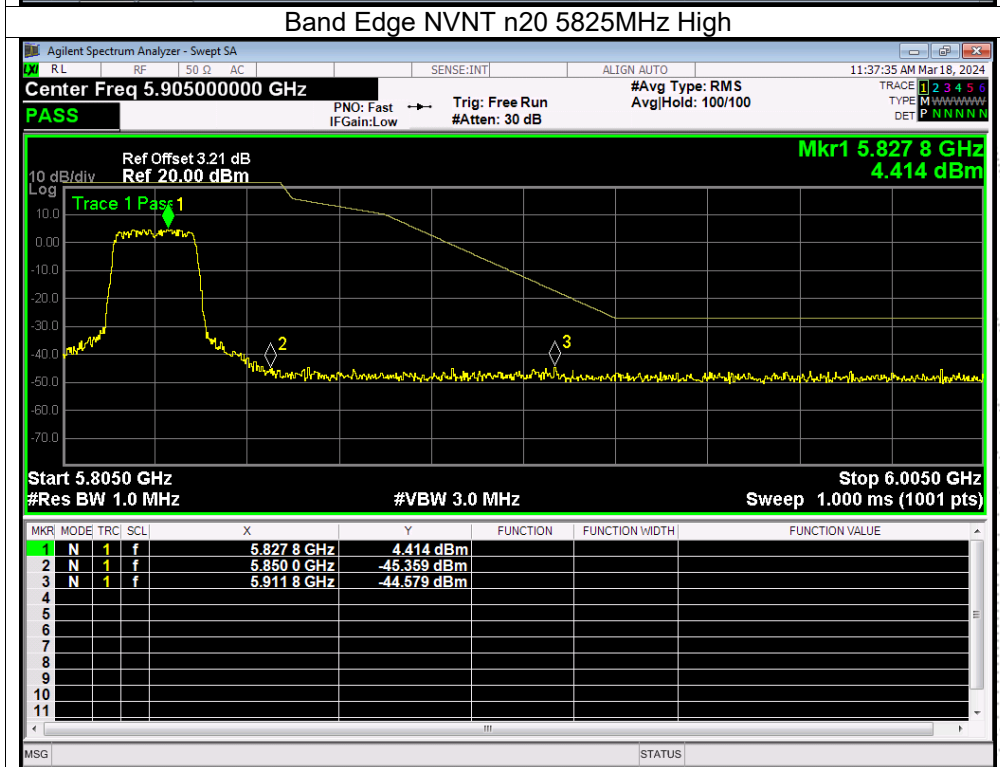
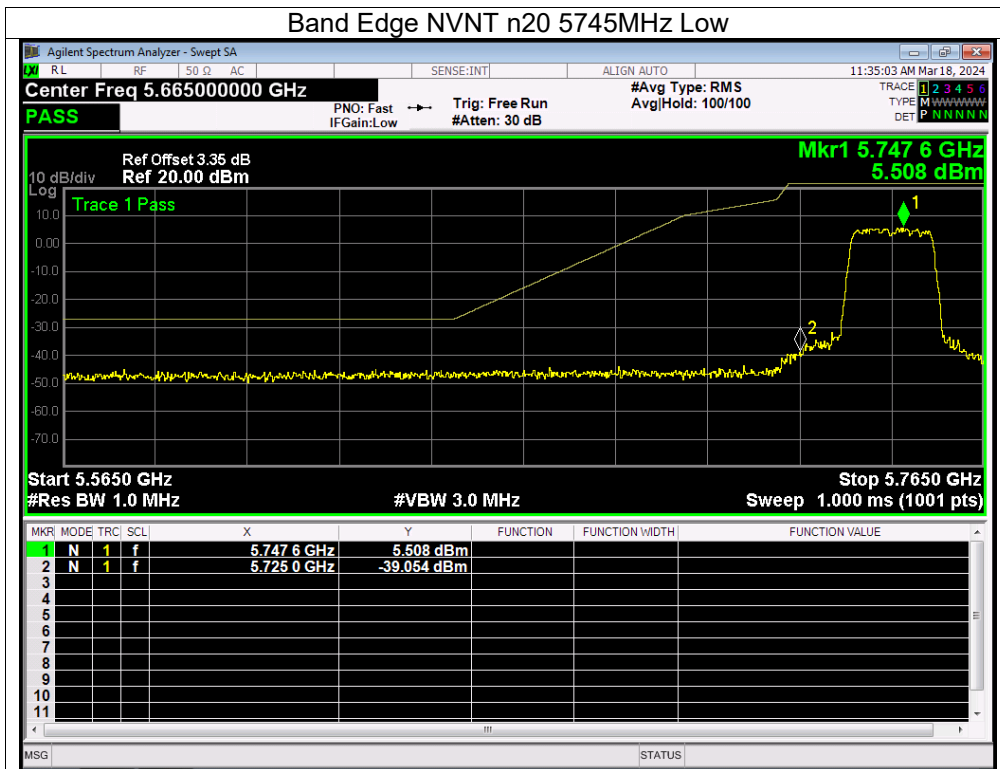


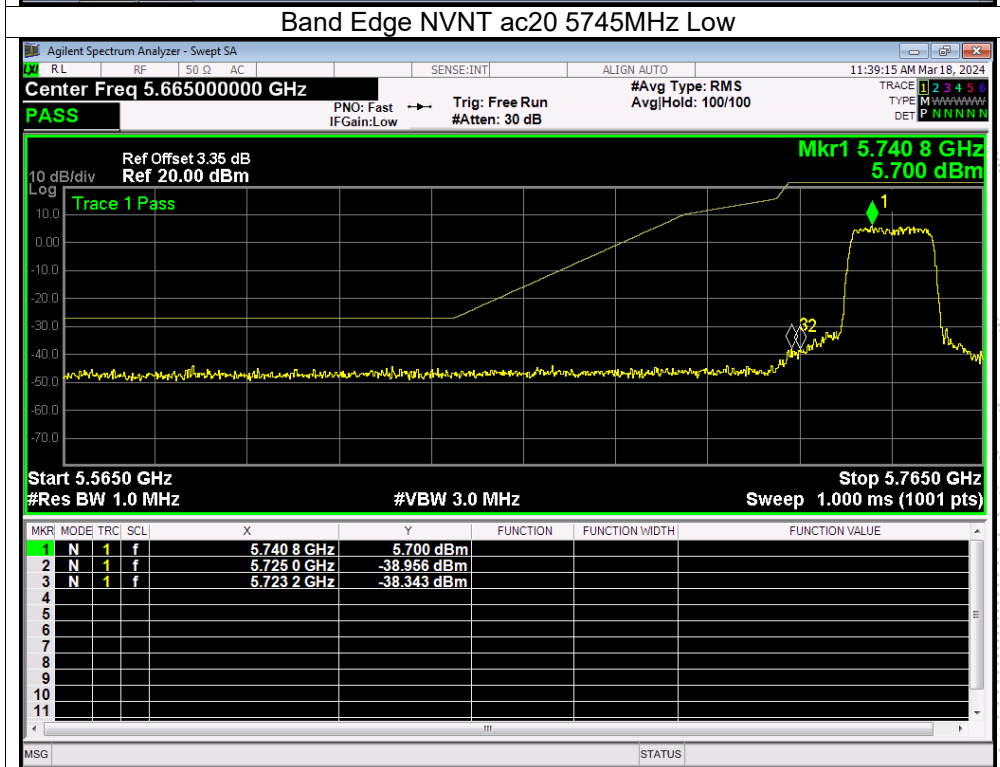
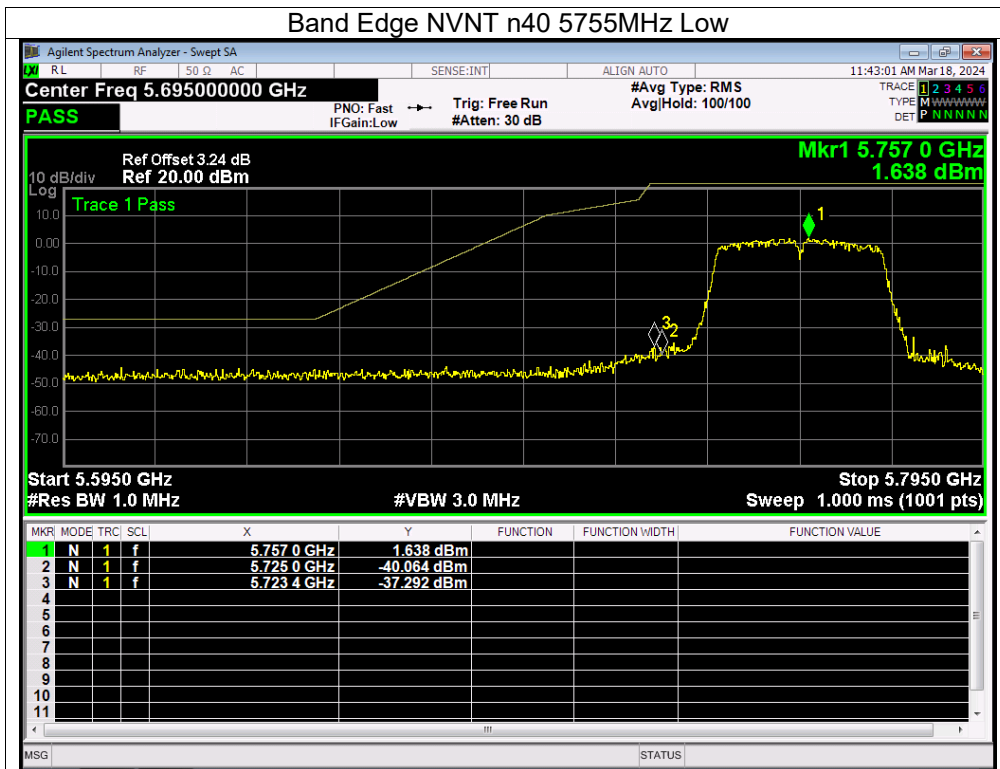


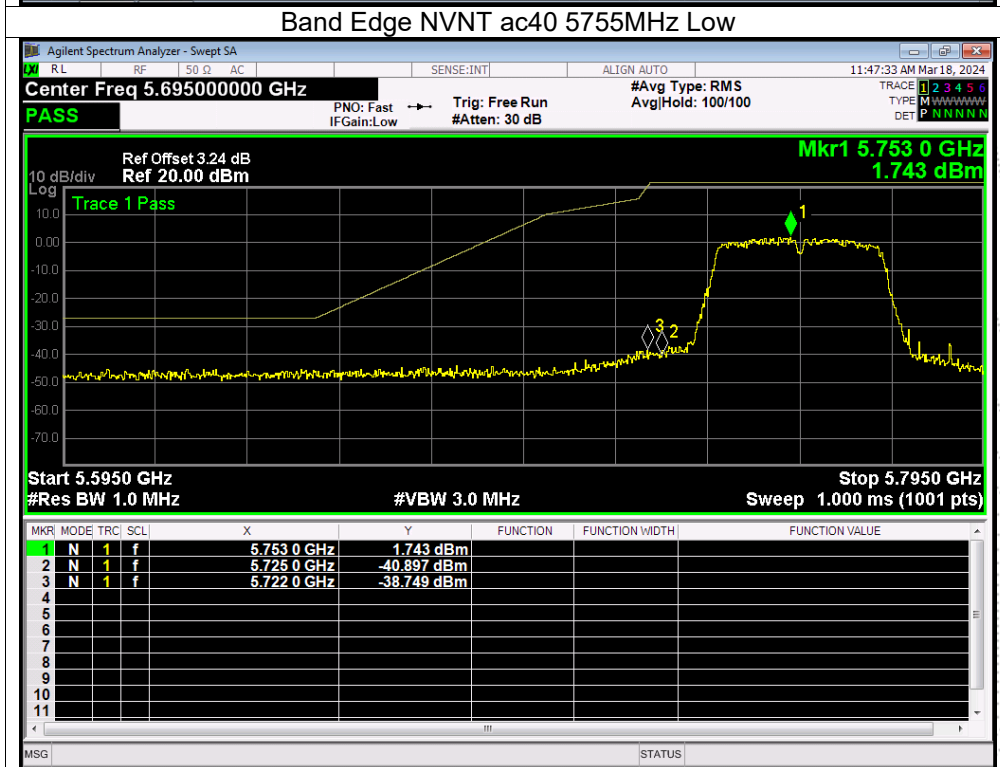
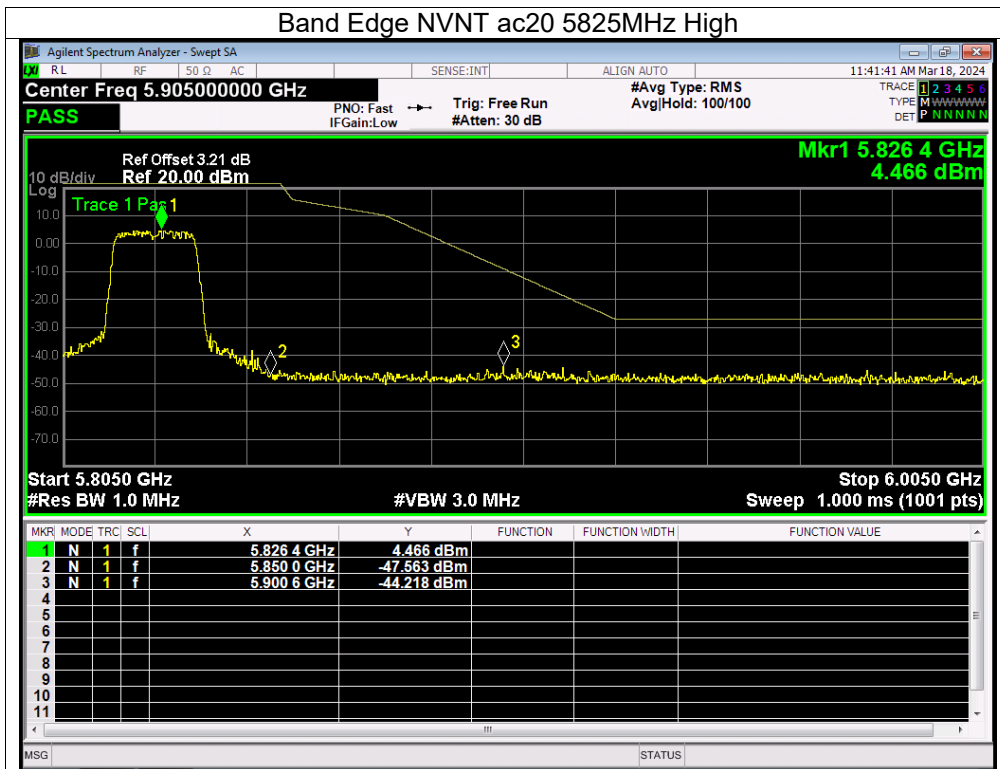


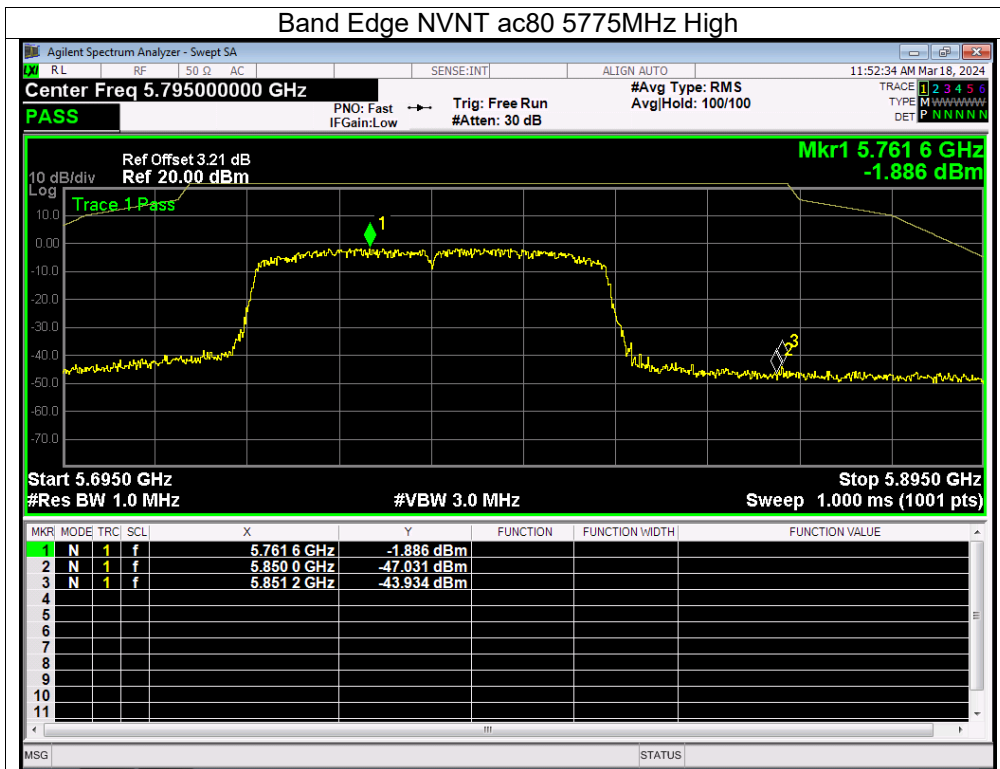
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot. Antenna A: 5745-5825 MHz











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

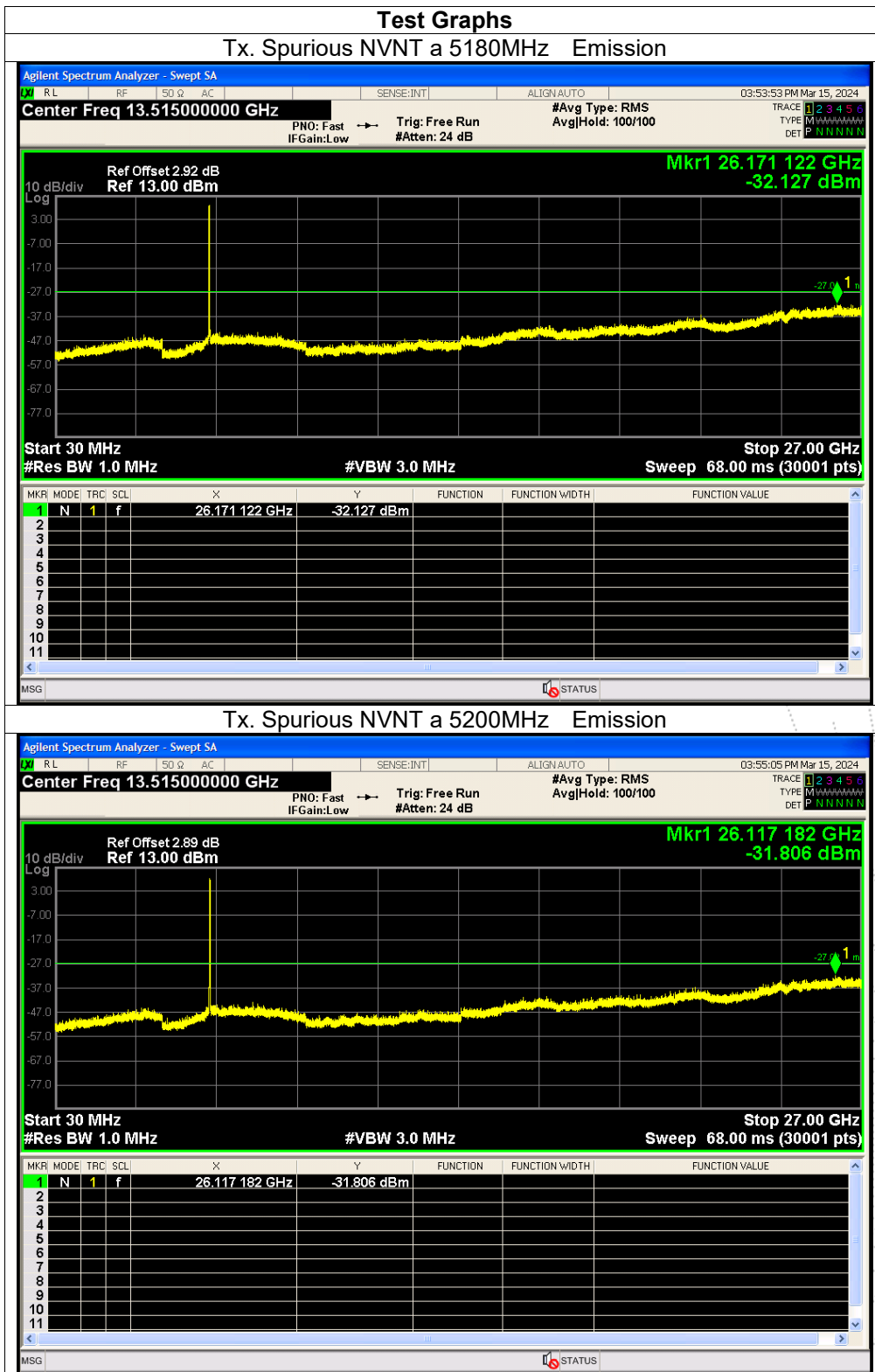
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then 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.

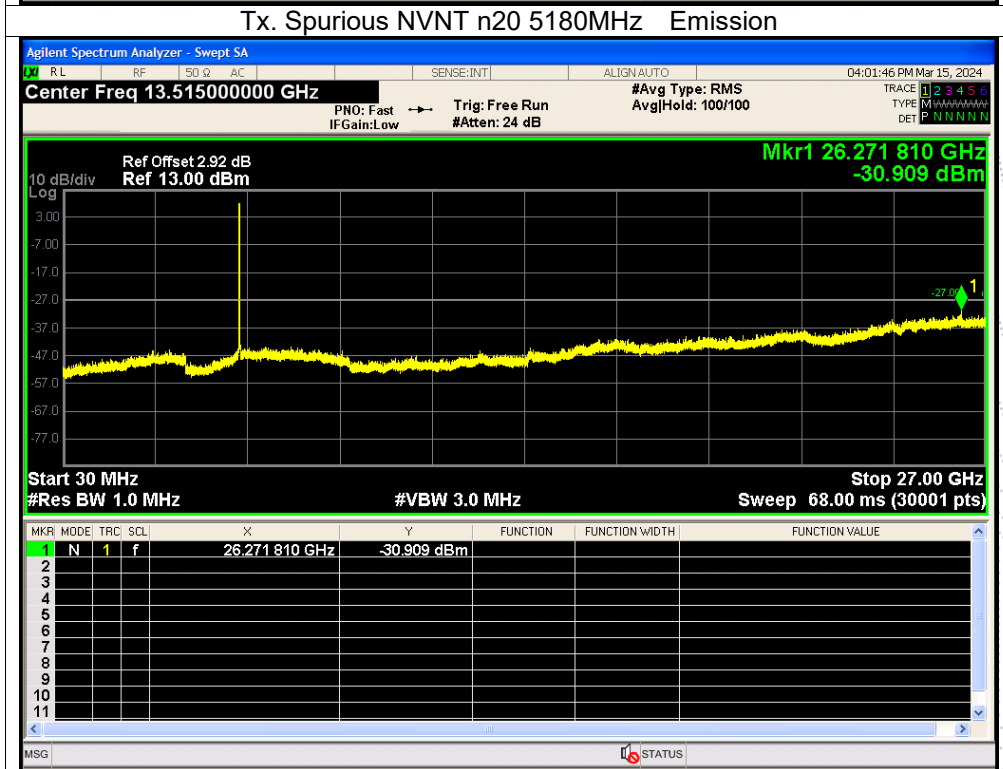
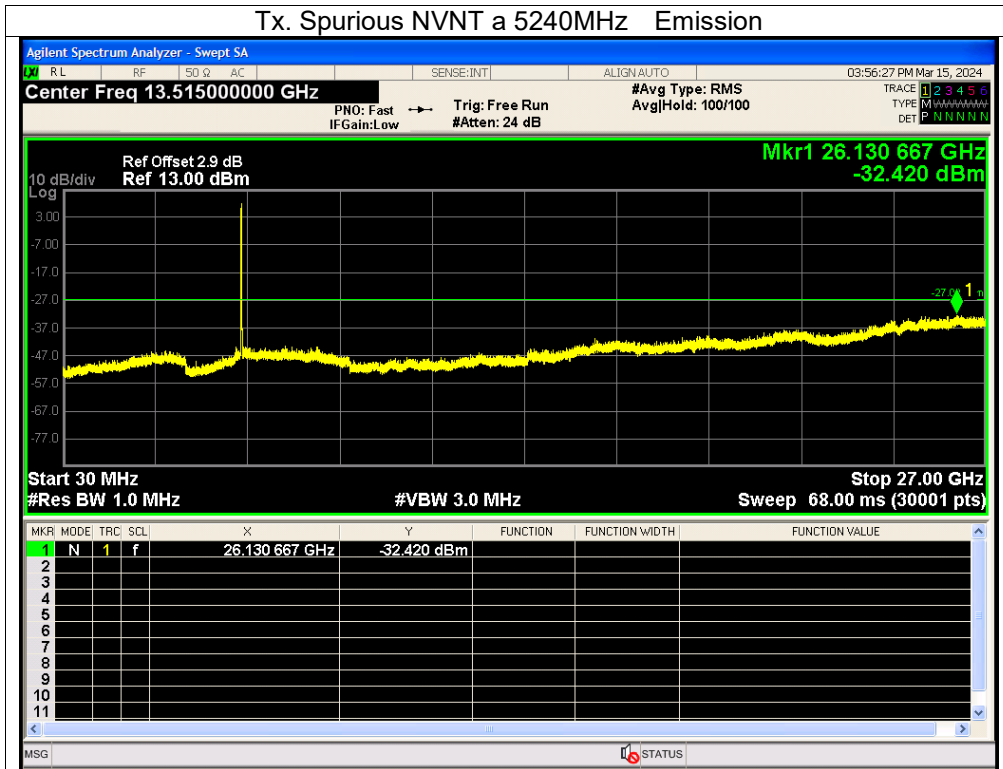
12.4 Test Result

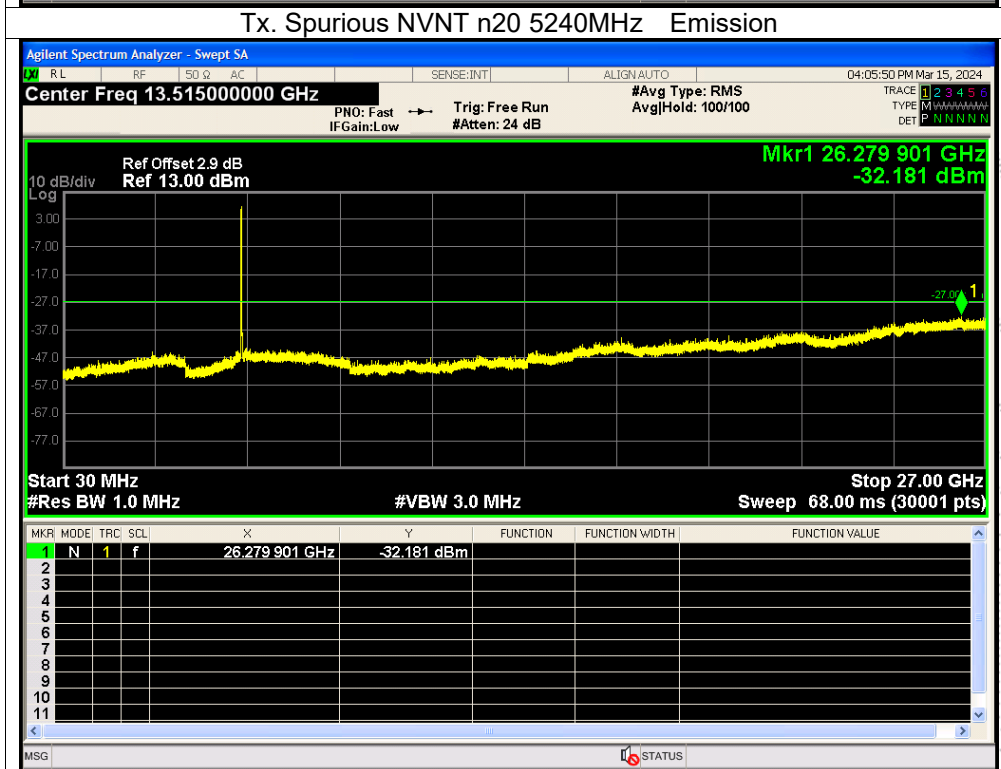
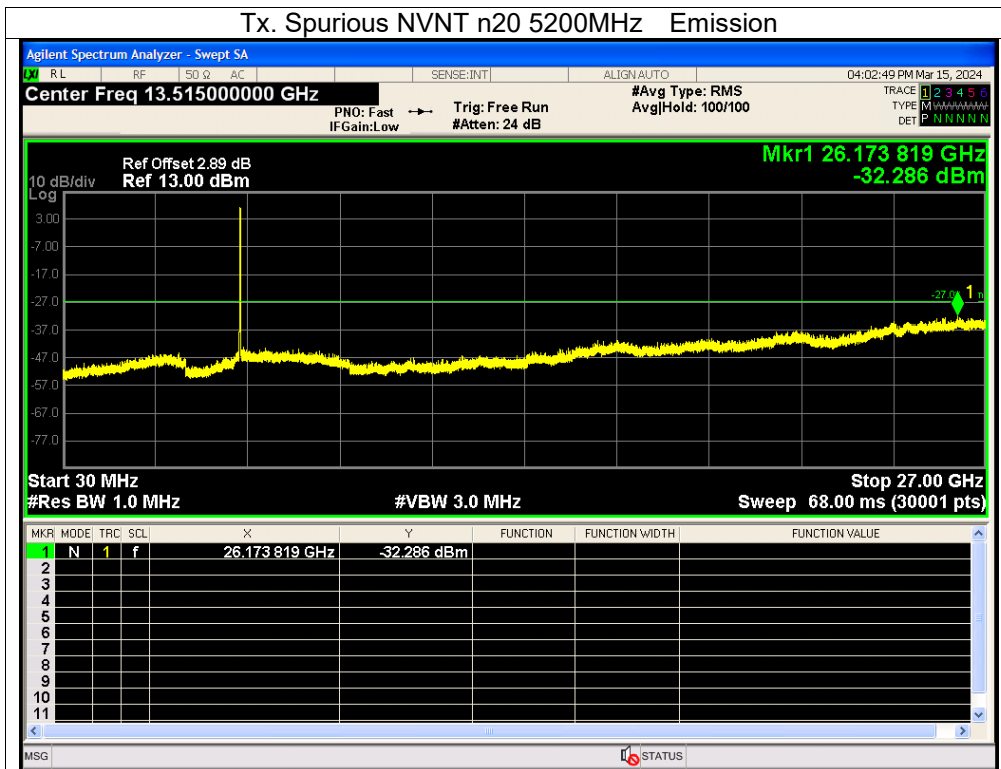
Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.

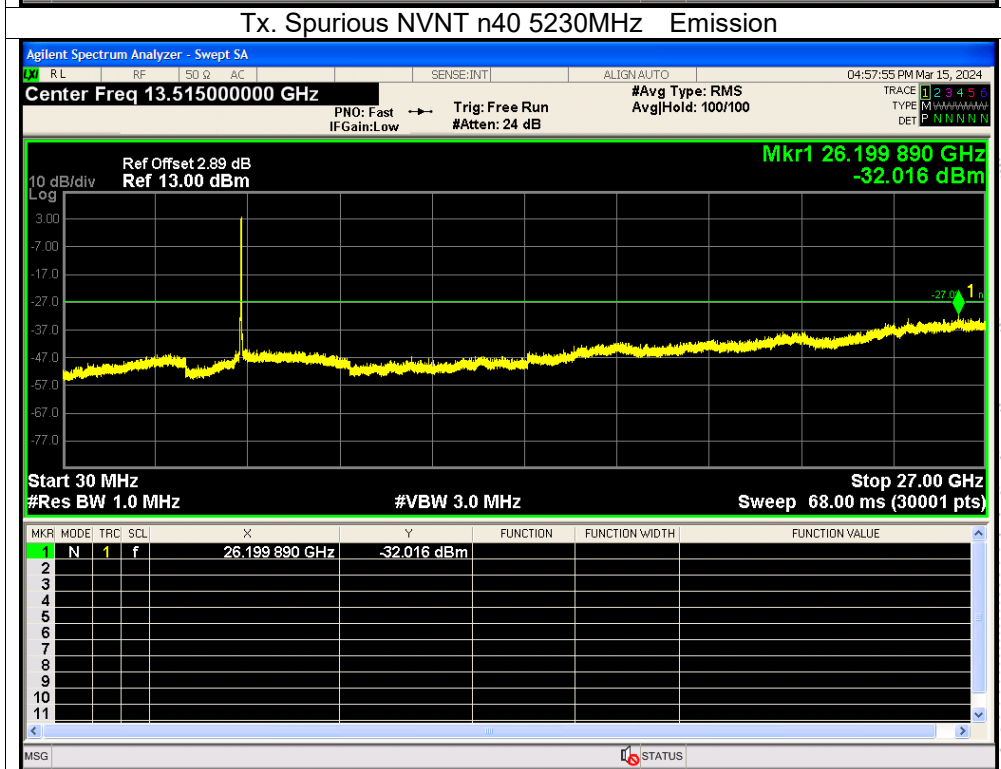
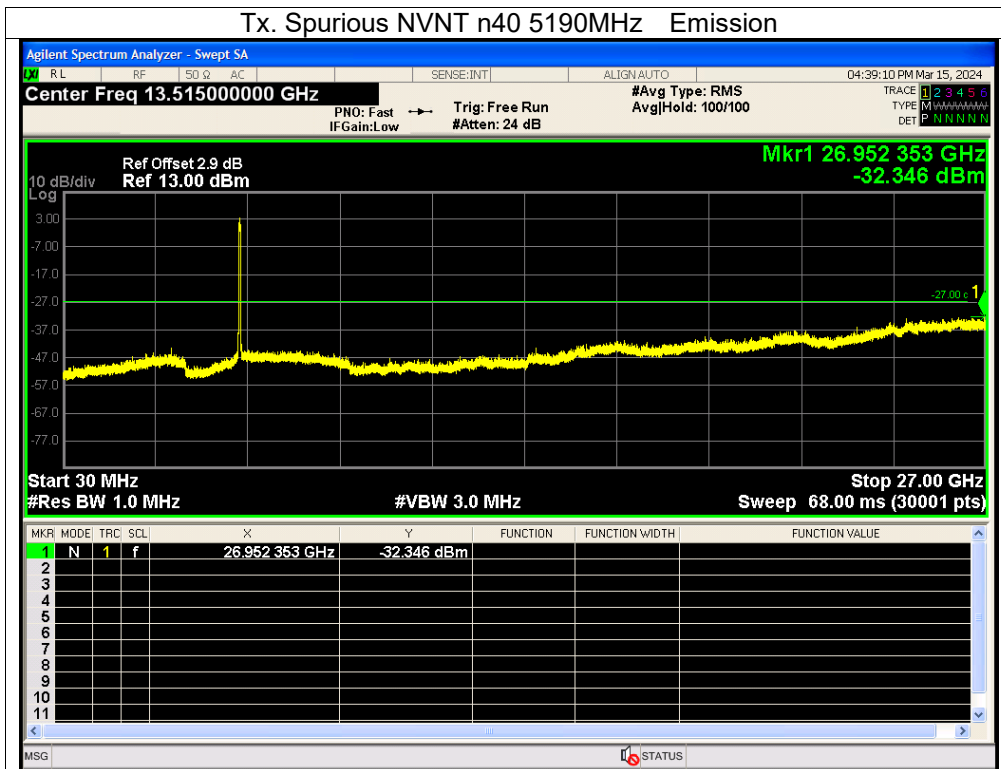
About:26.5GHz-40GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

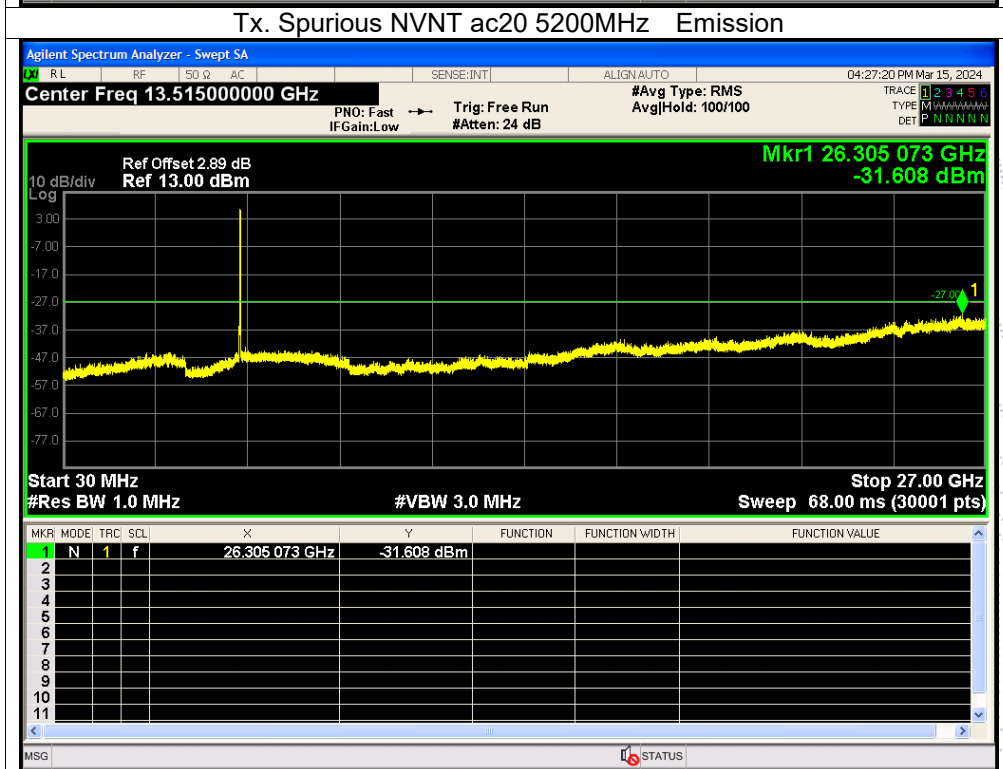
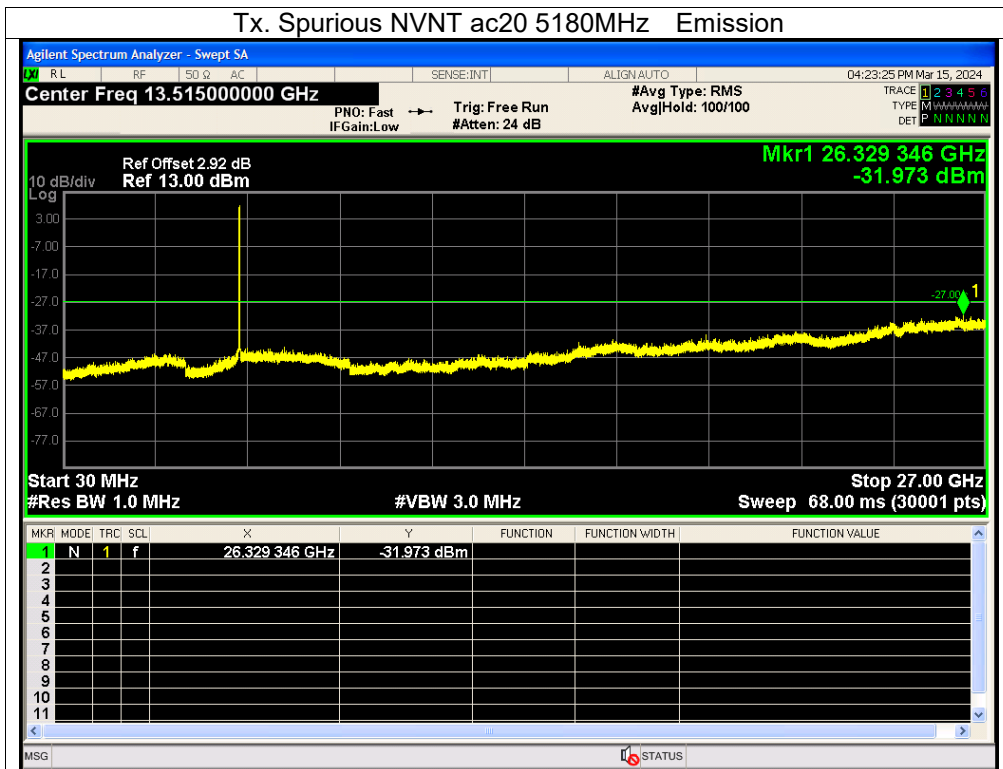
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Plot. Antenna A: 5180-5240MHz

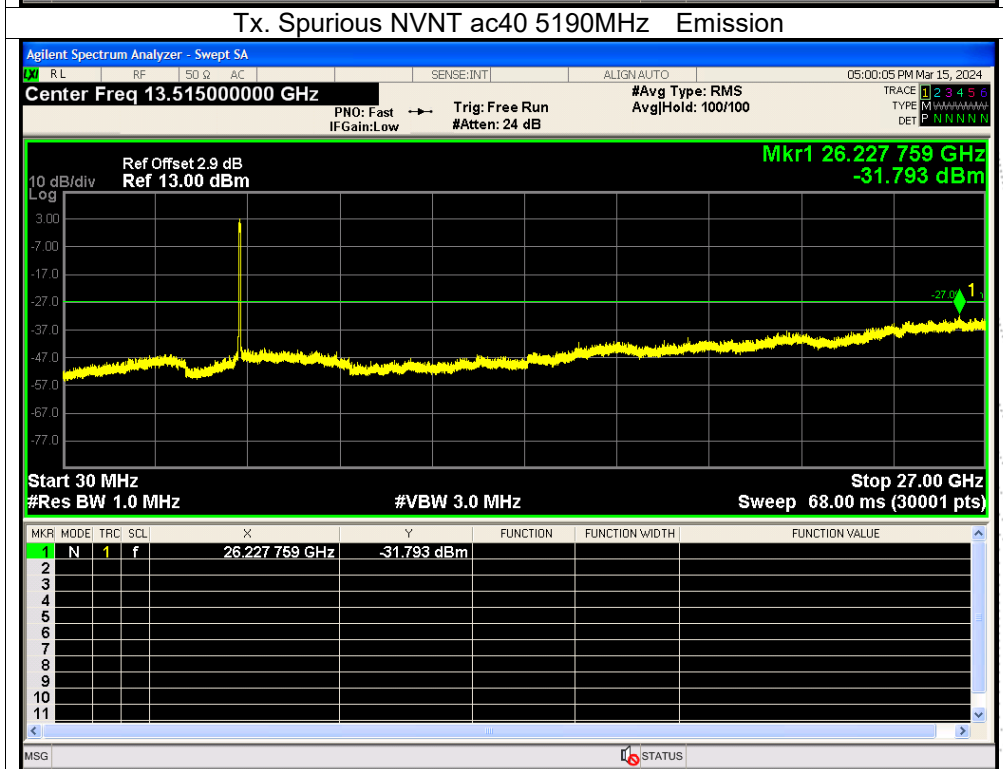
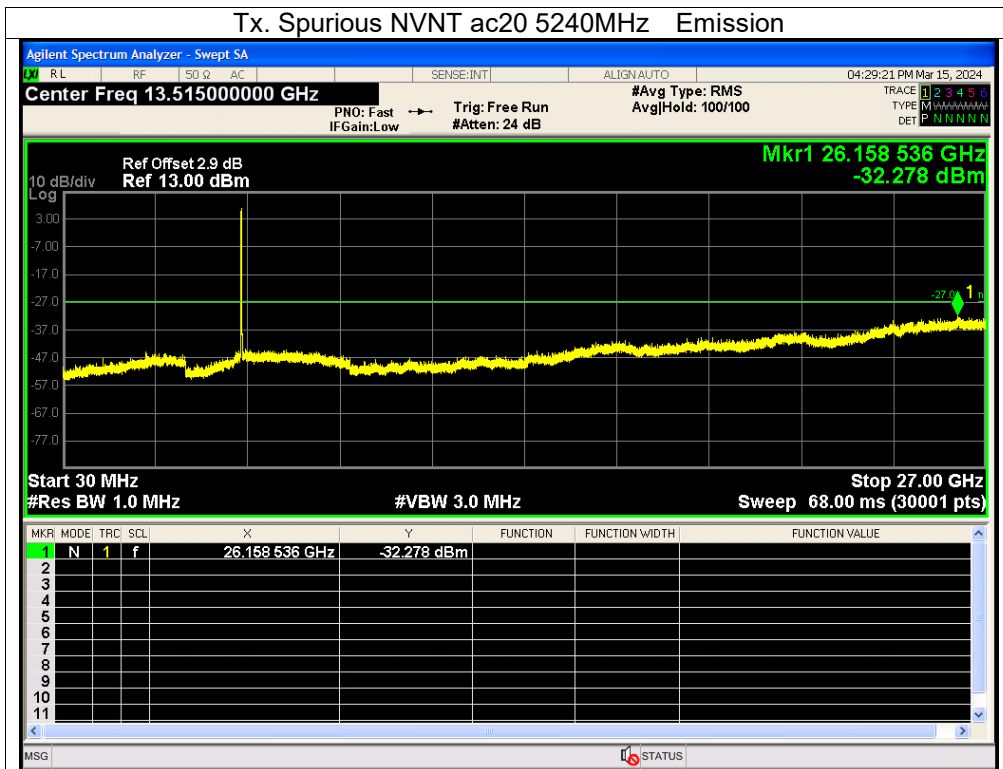


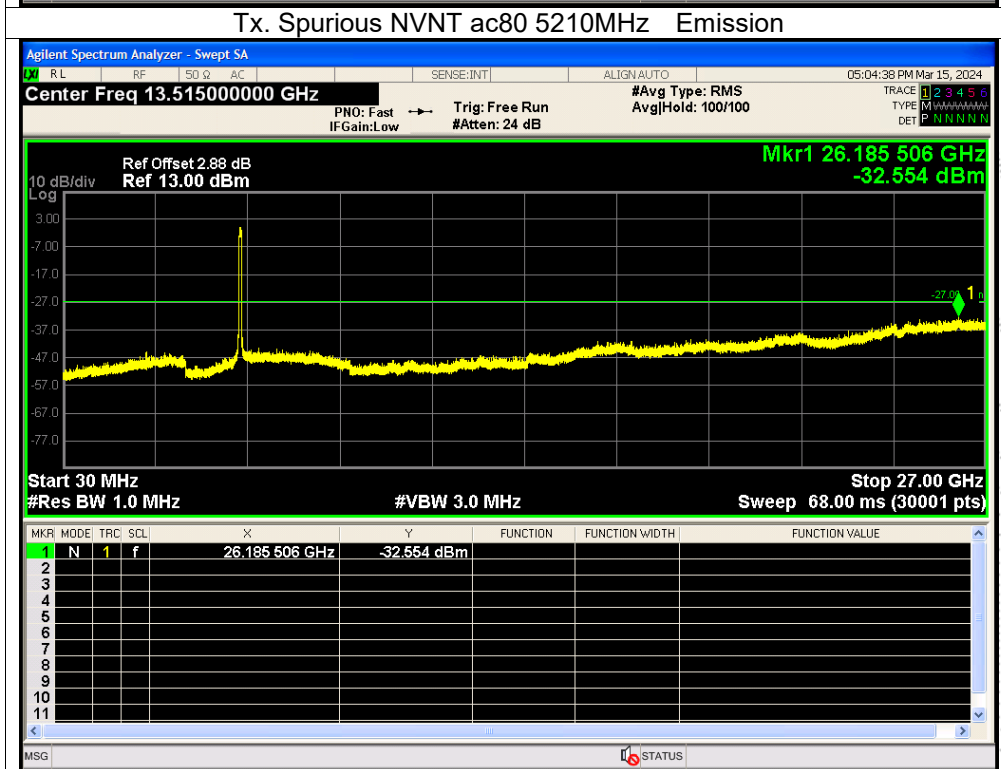
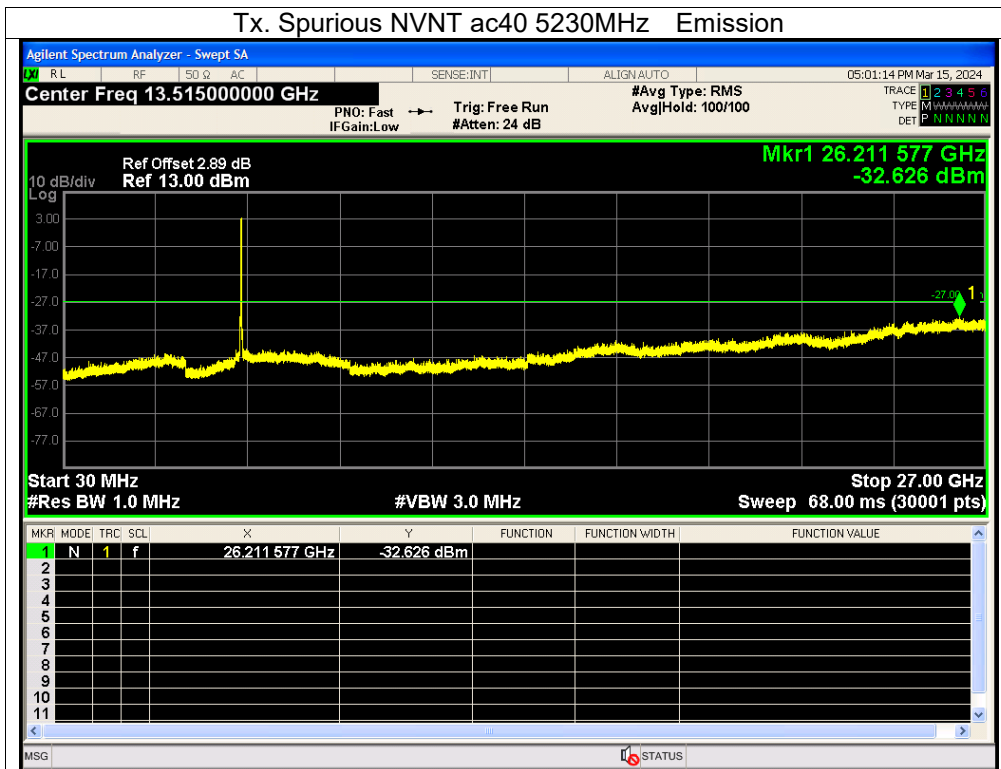




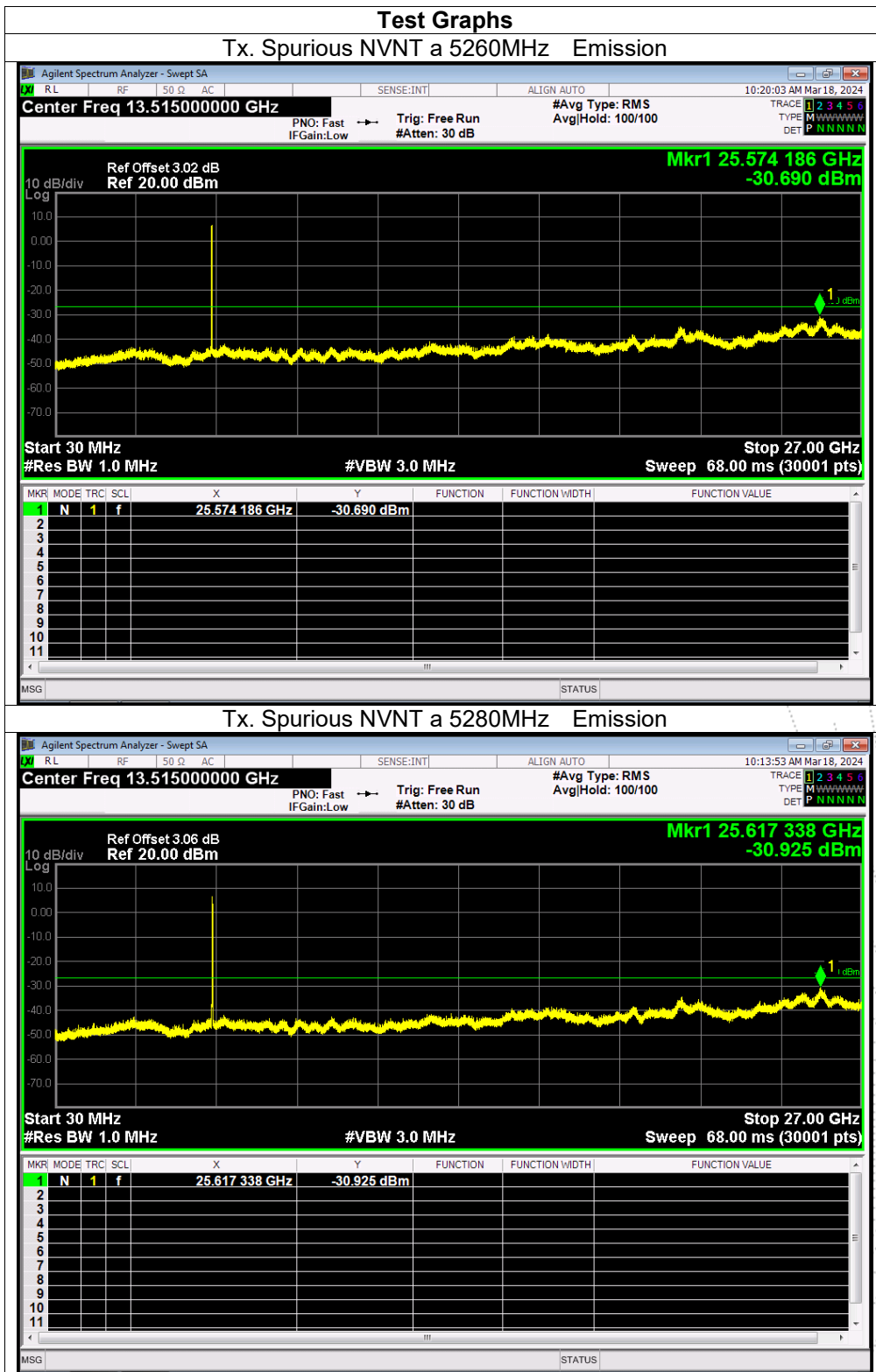


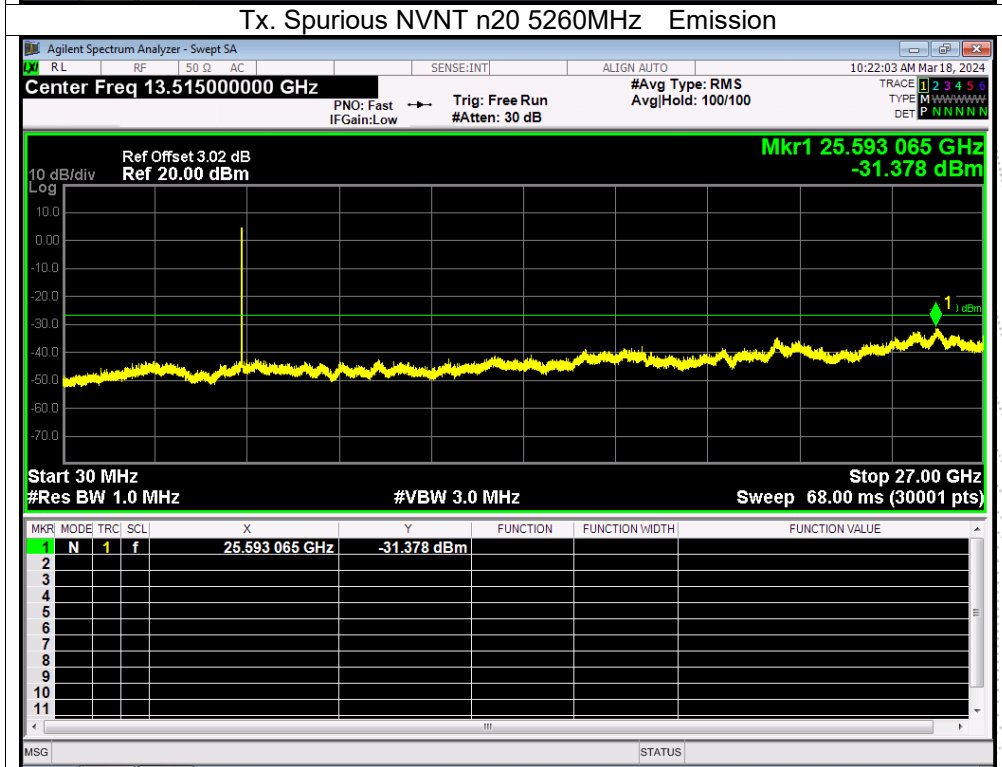
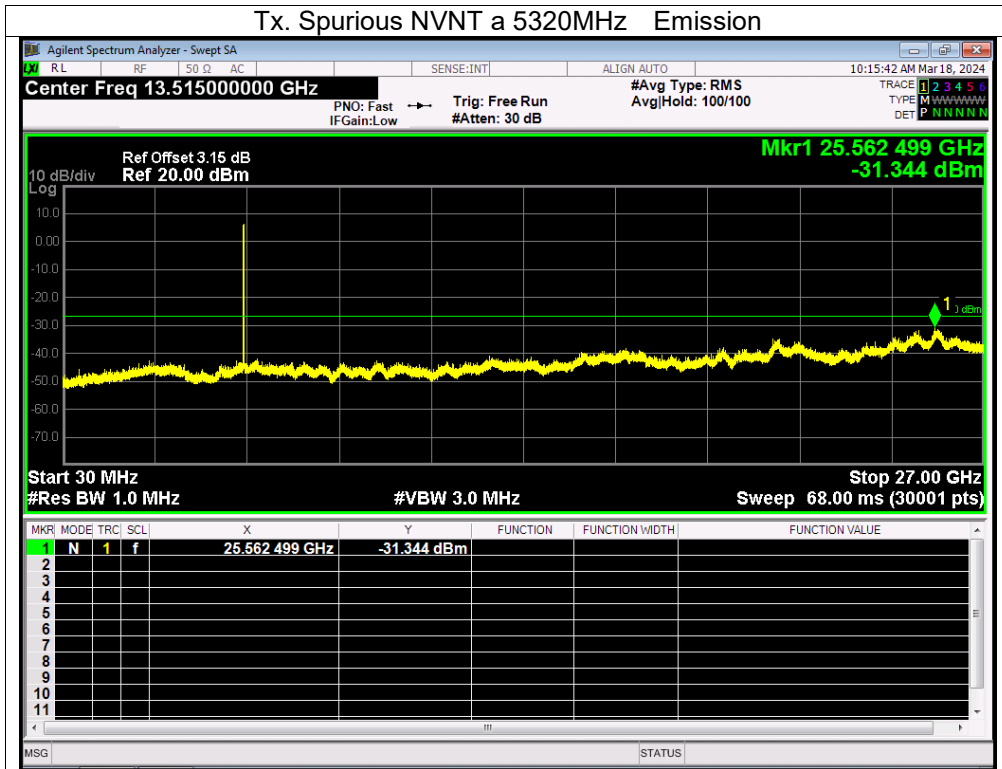


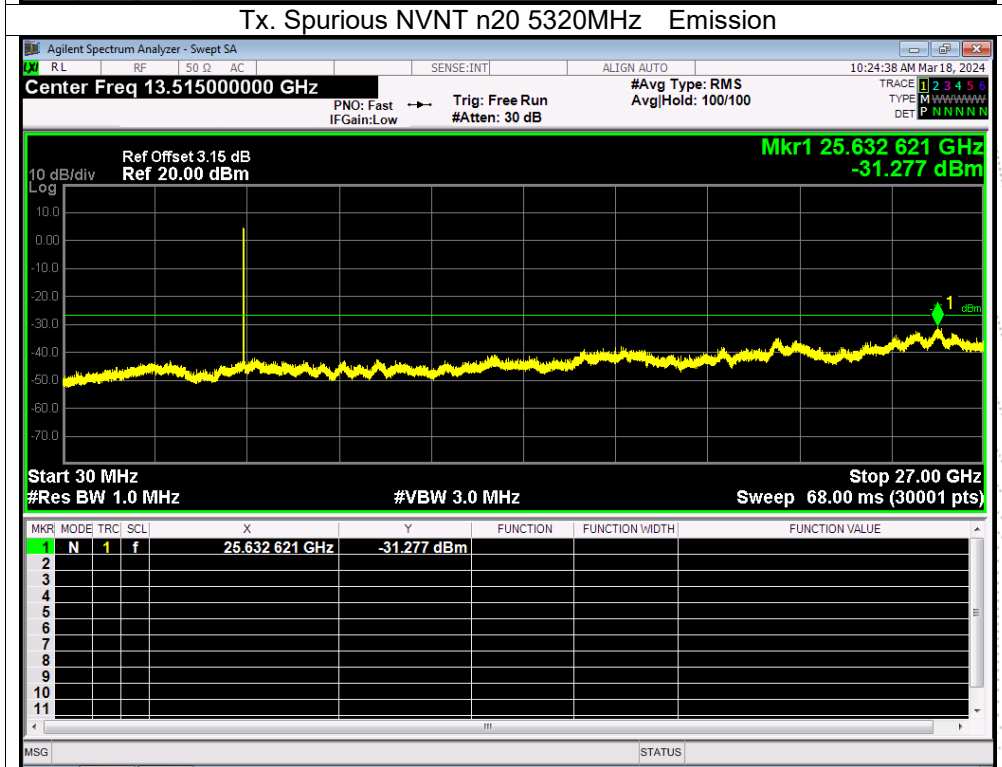
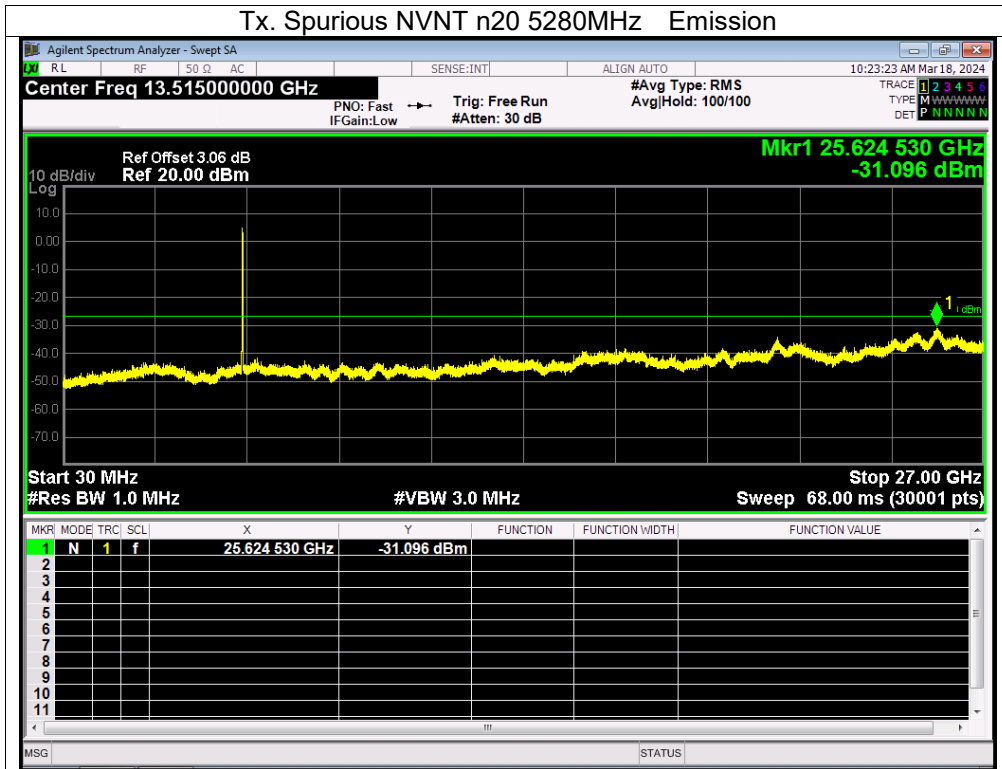


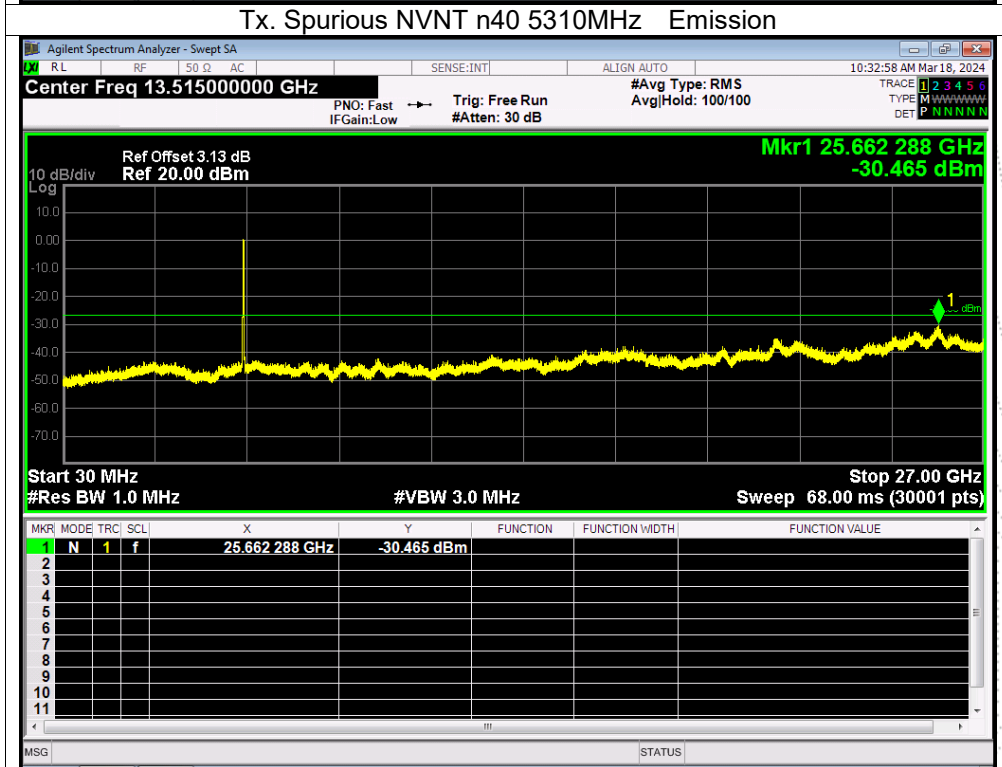
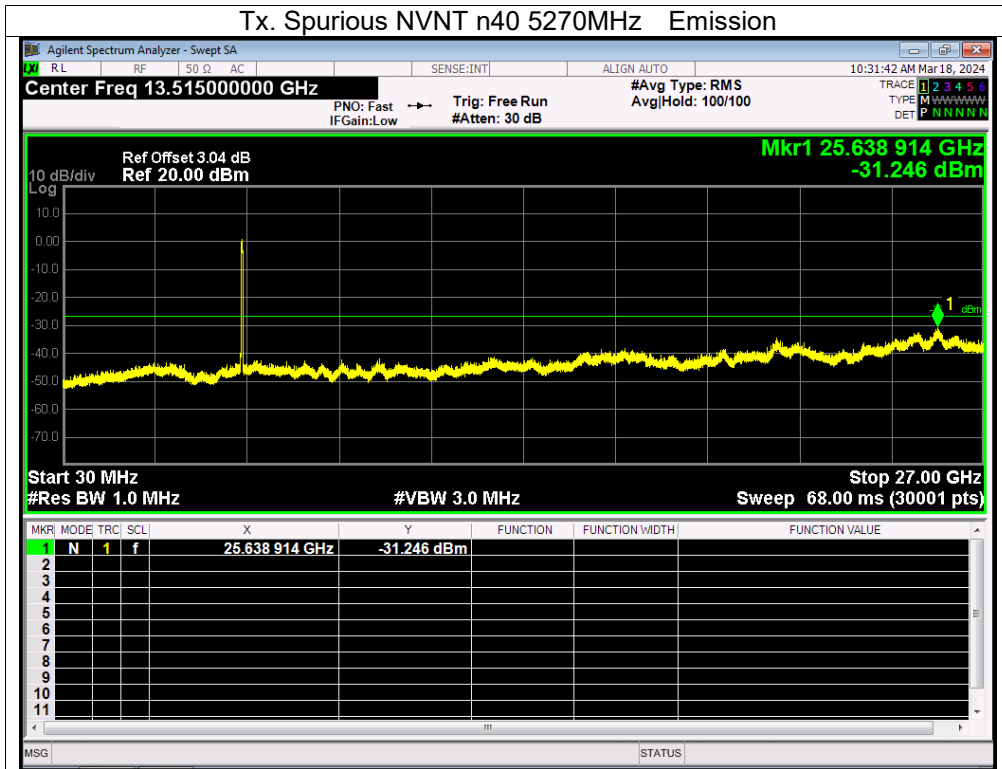


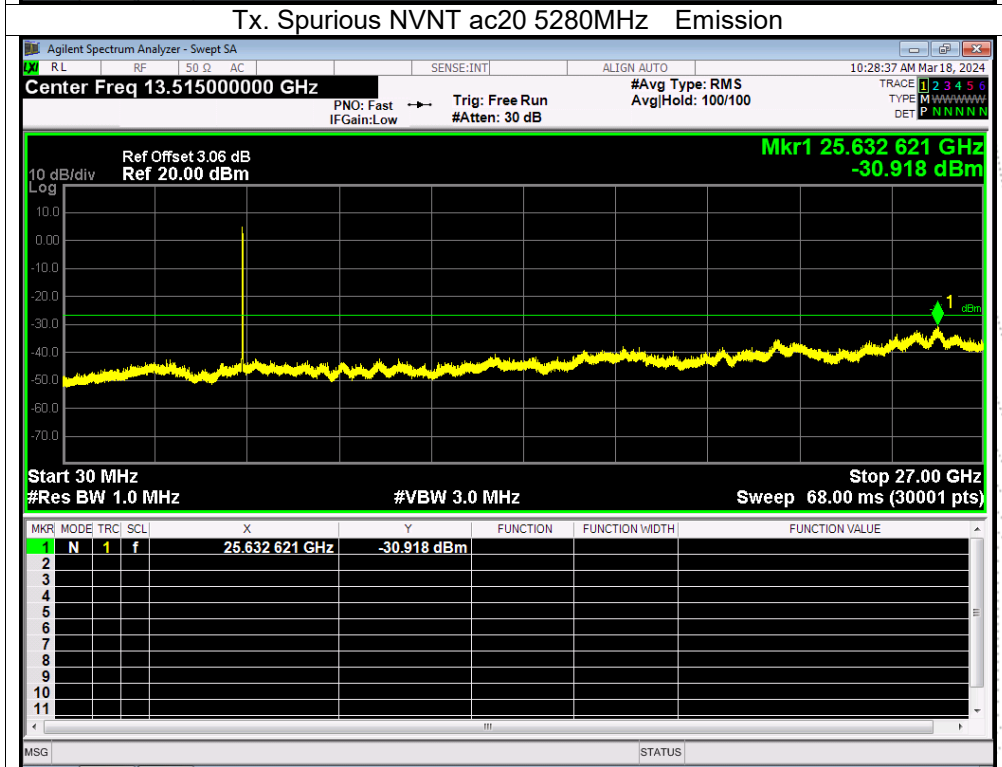
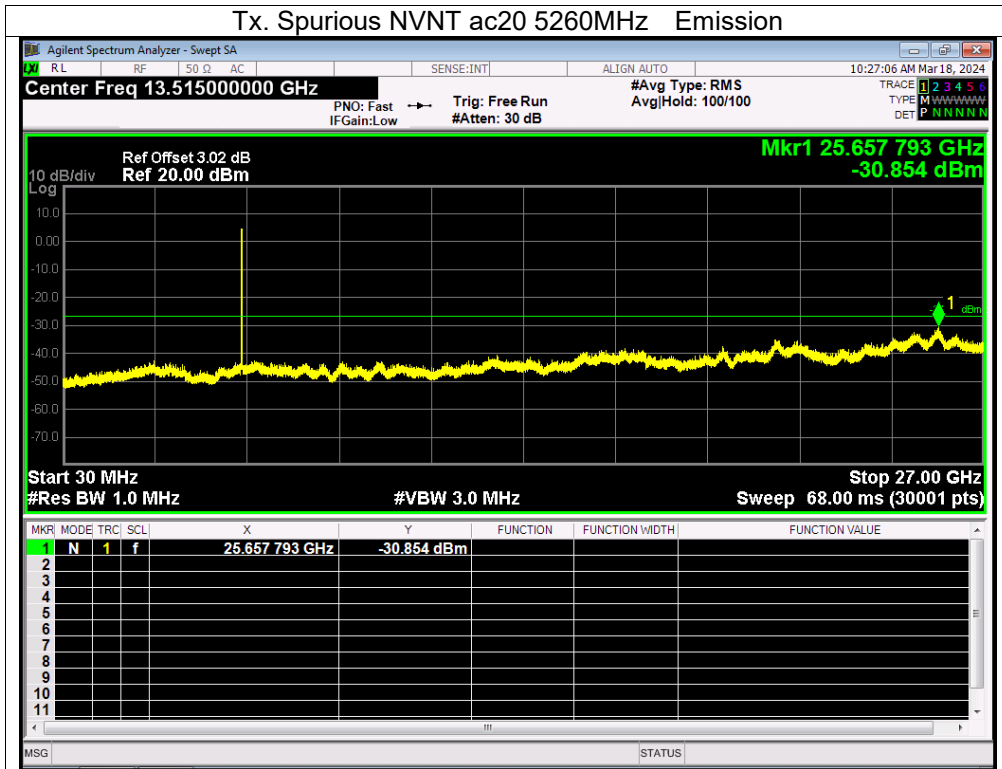
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5260-5320MHz

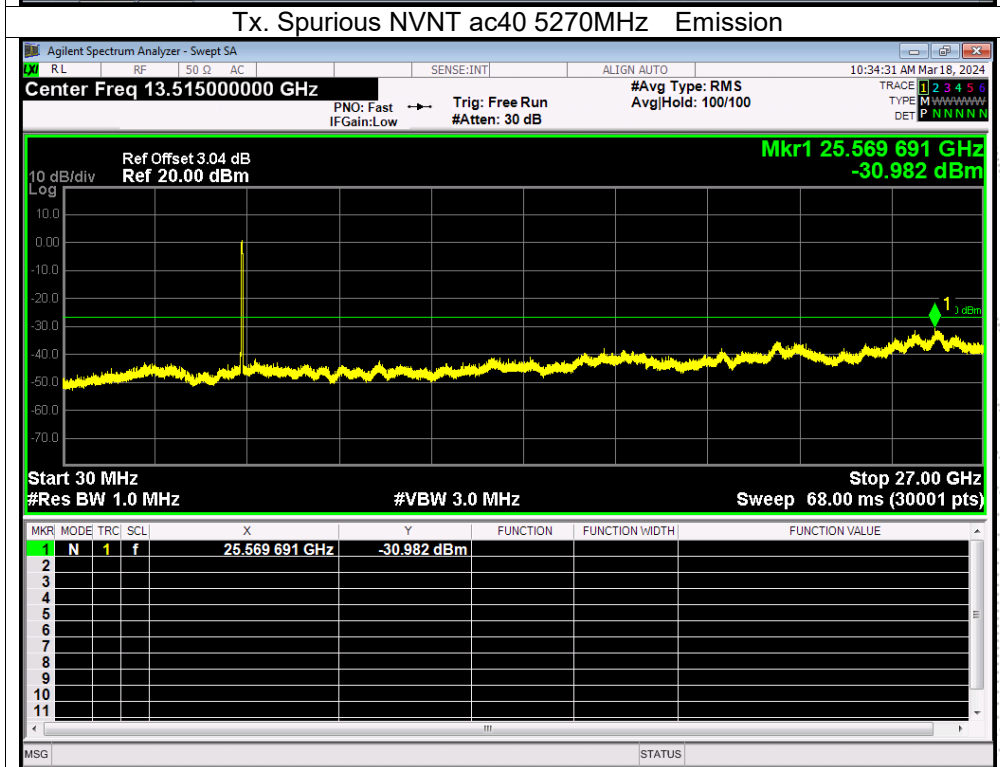
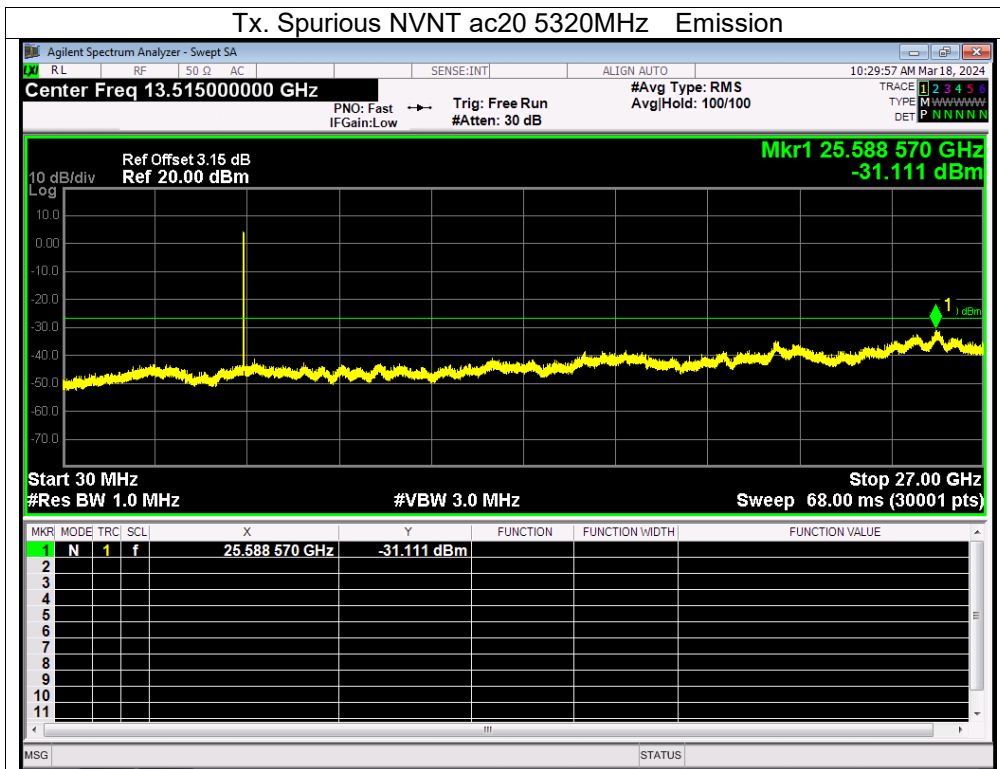


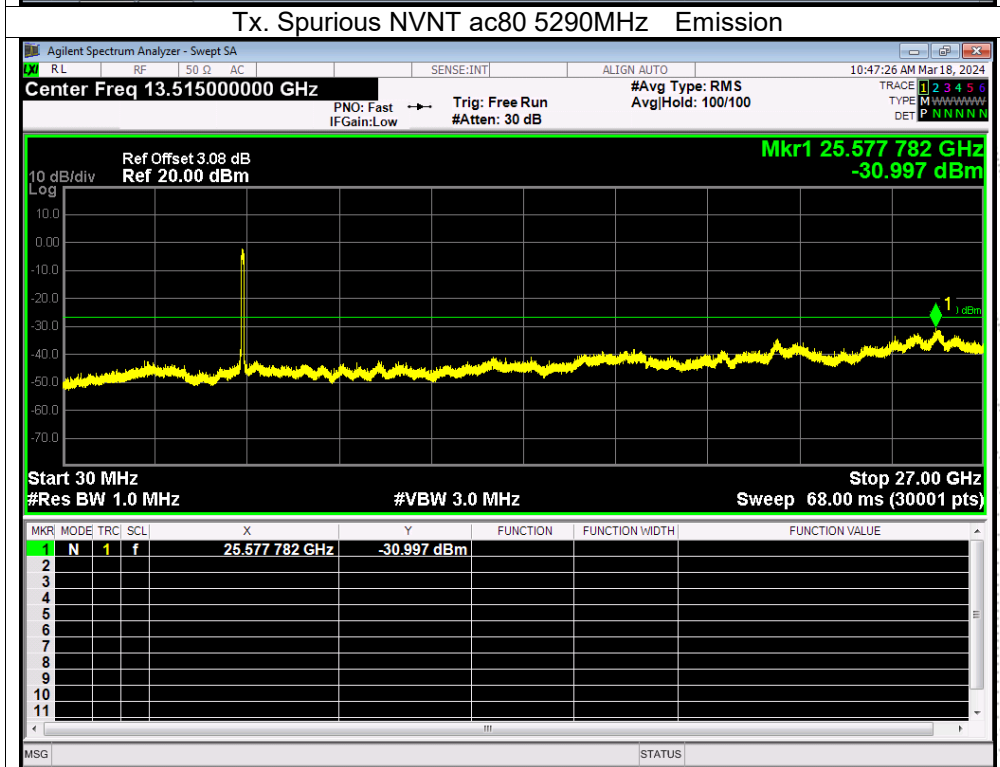
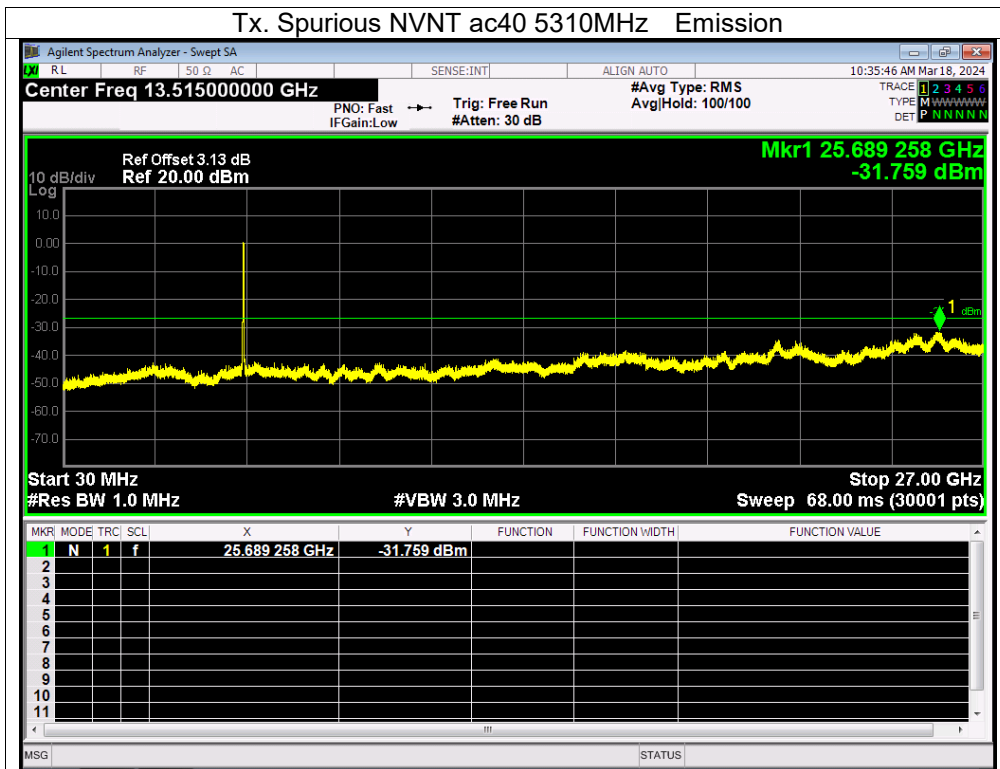




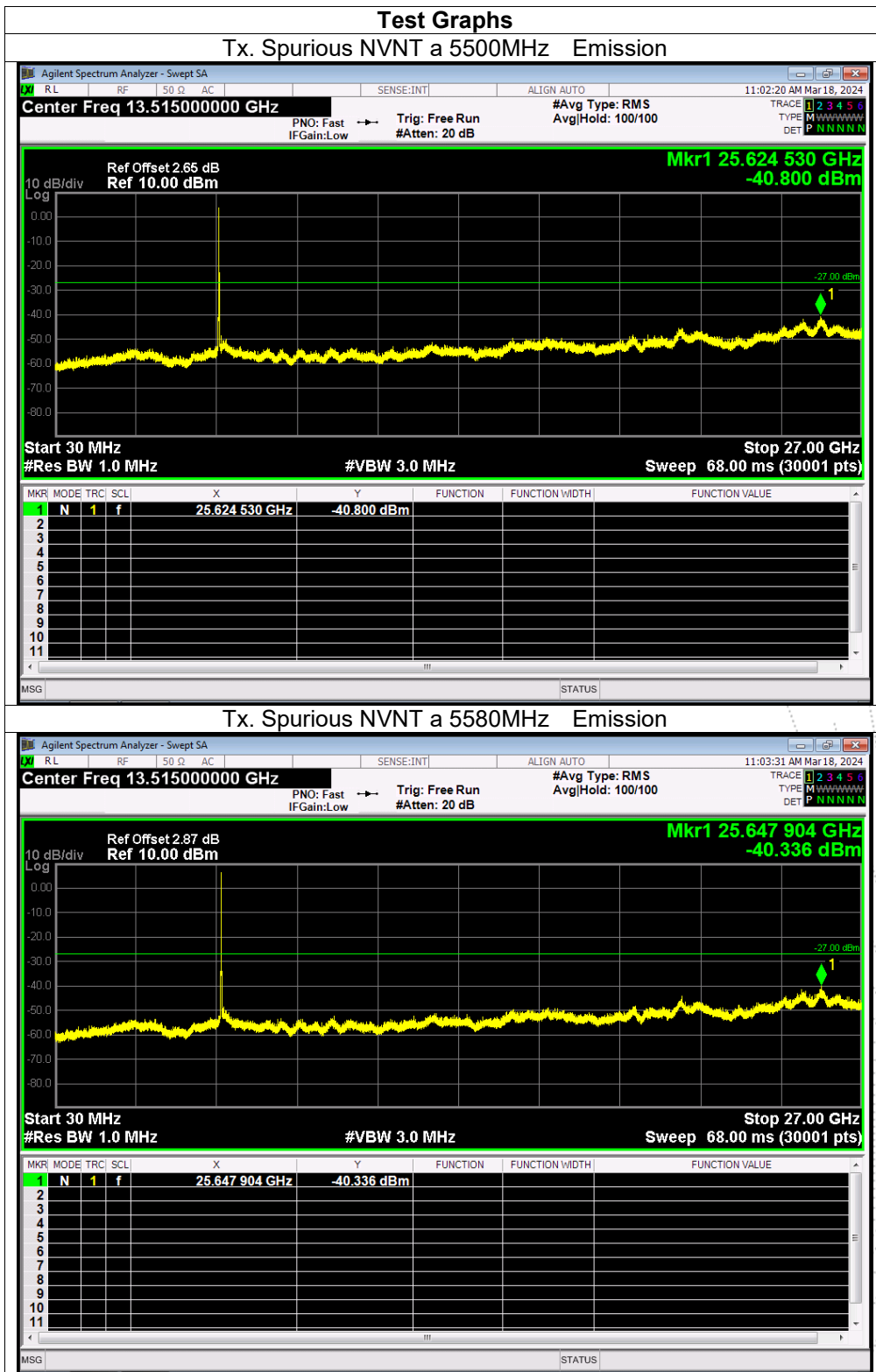


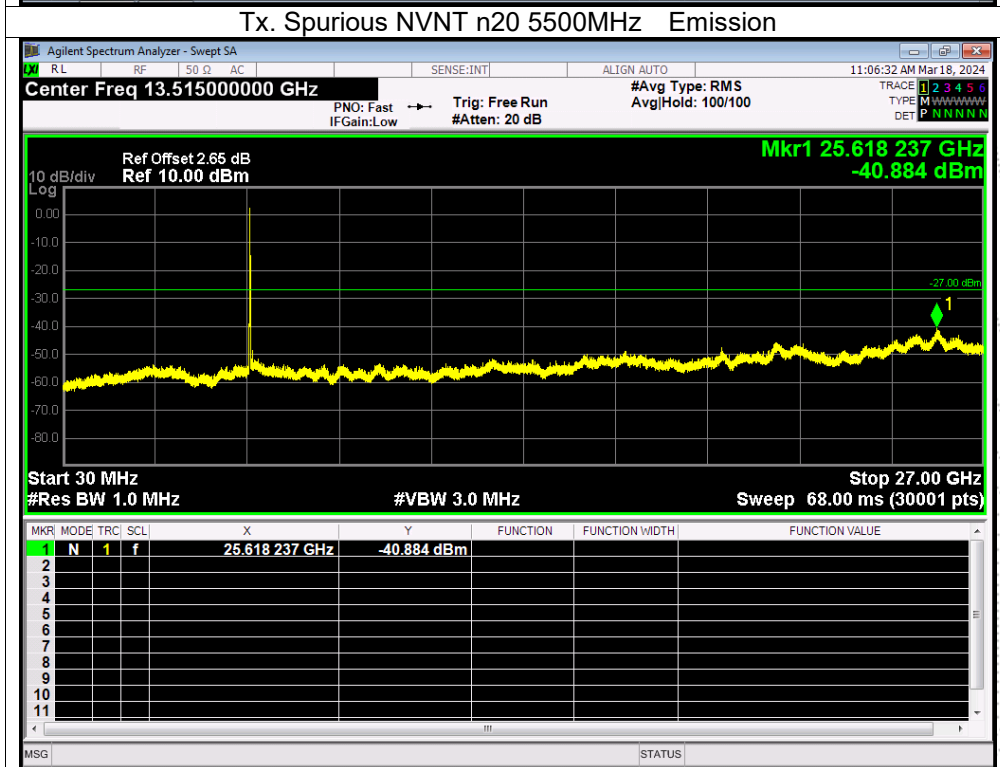
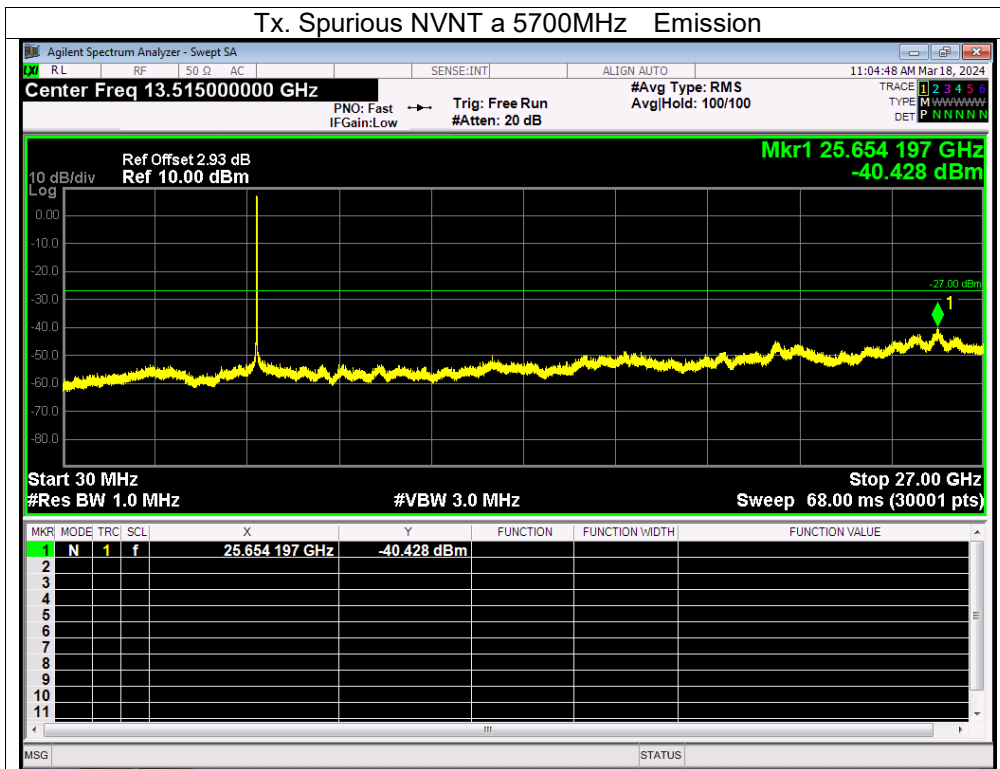


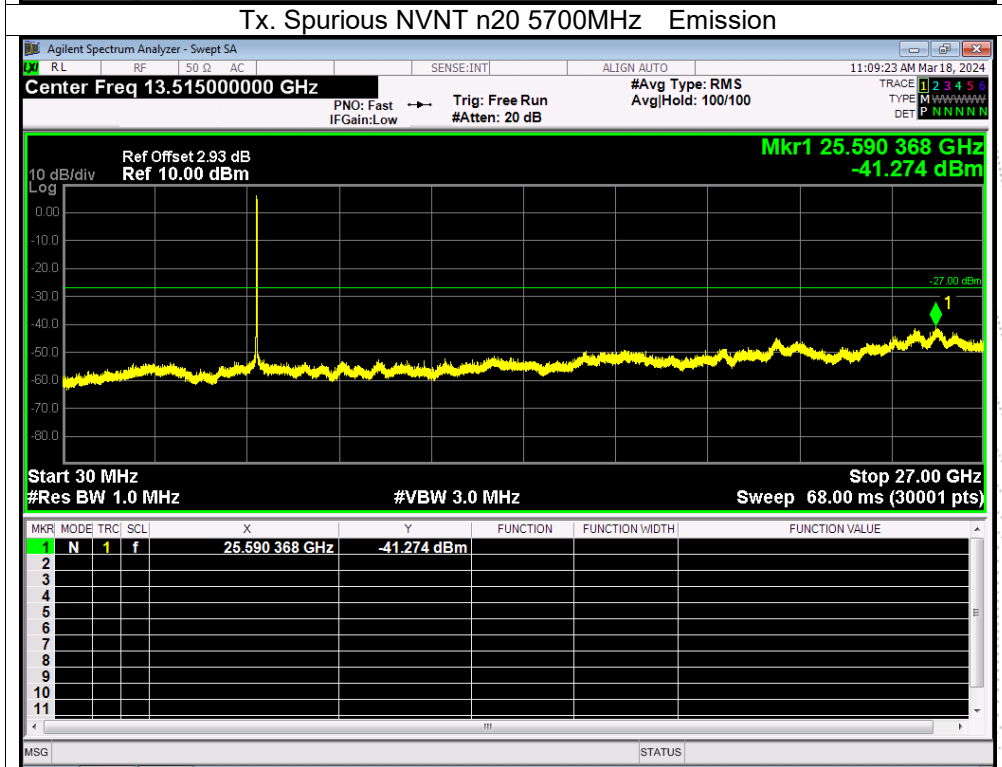
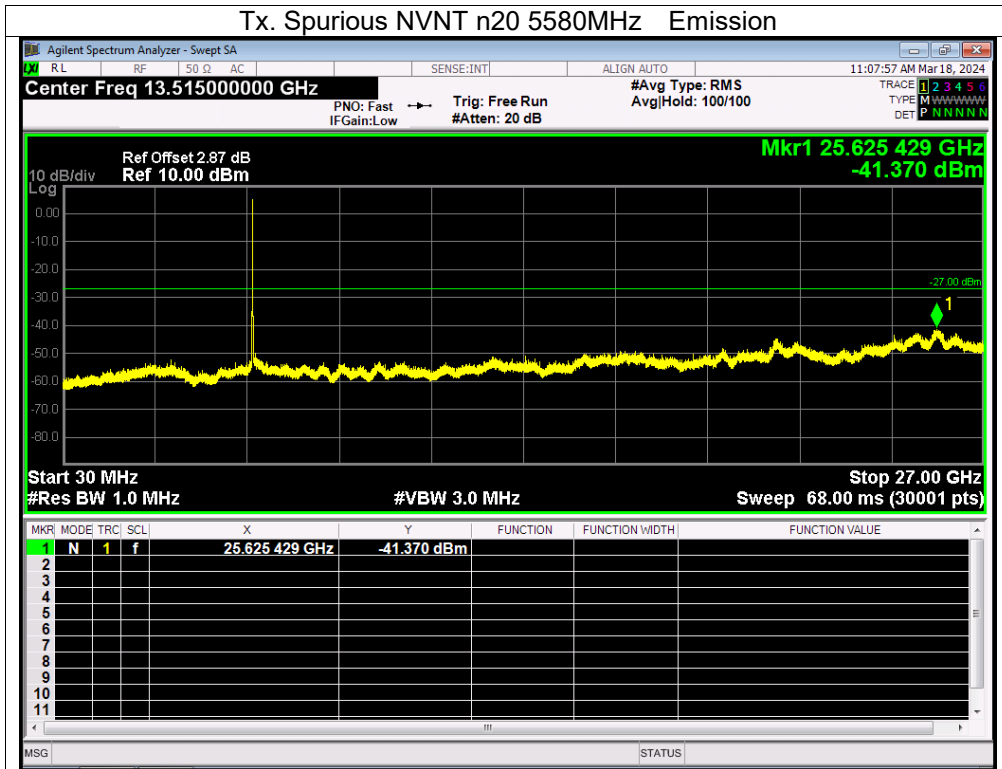


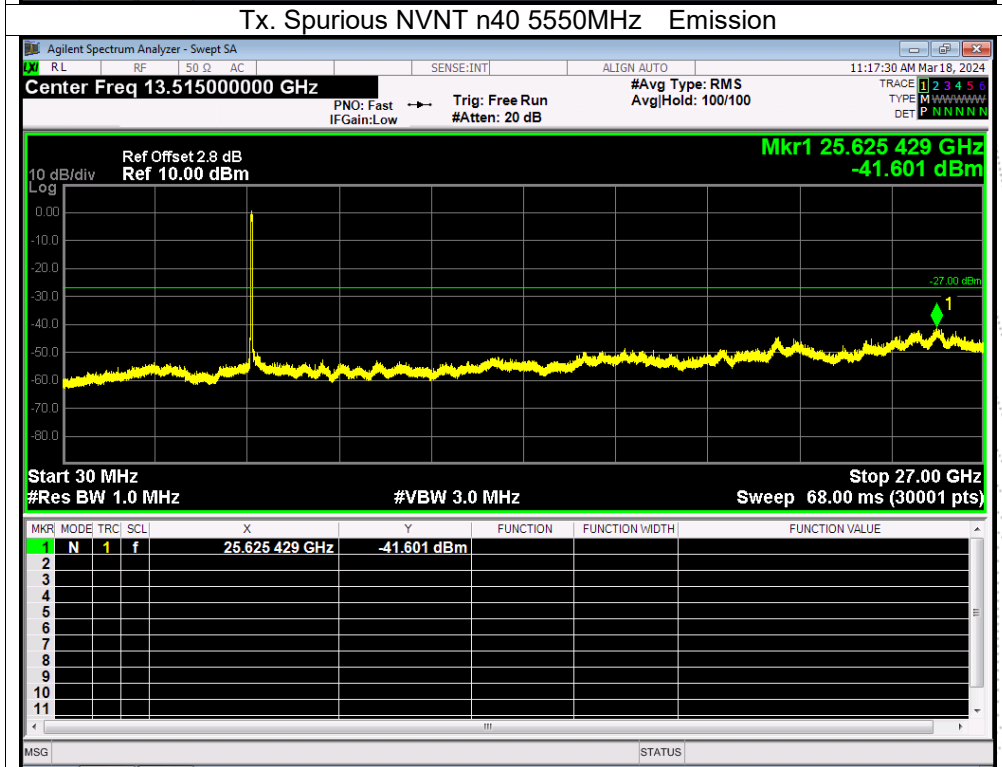
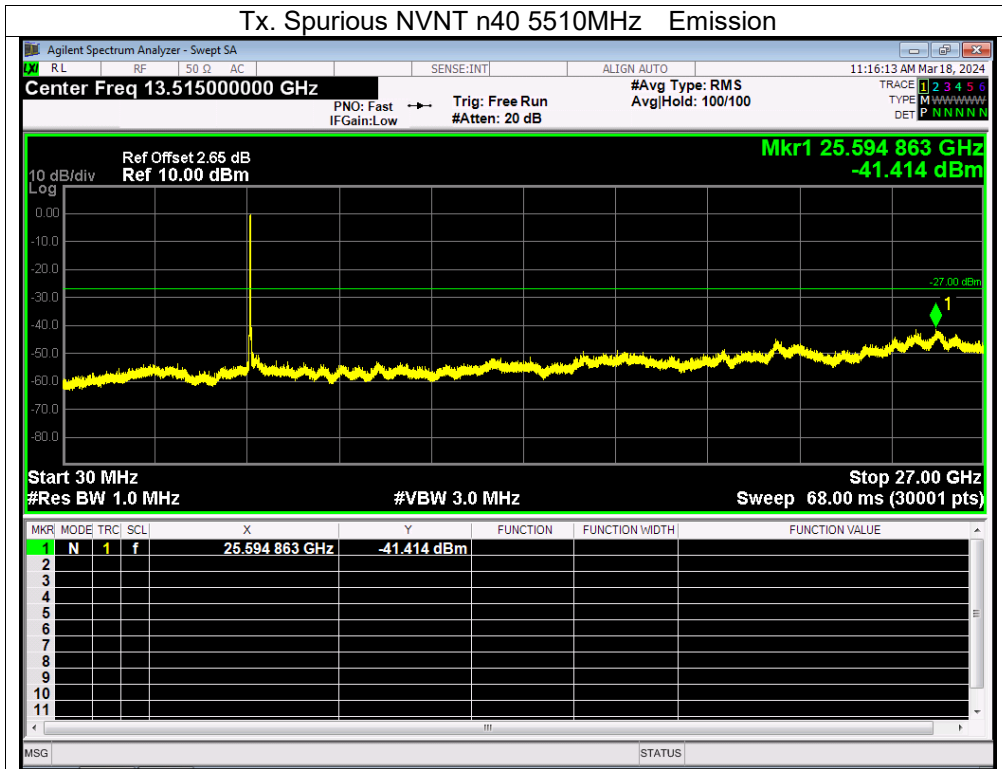


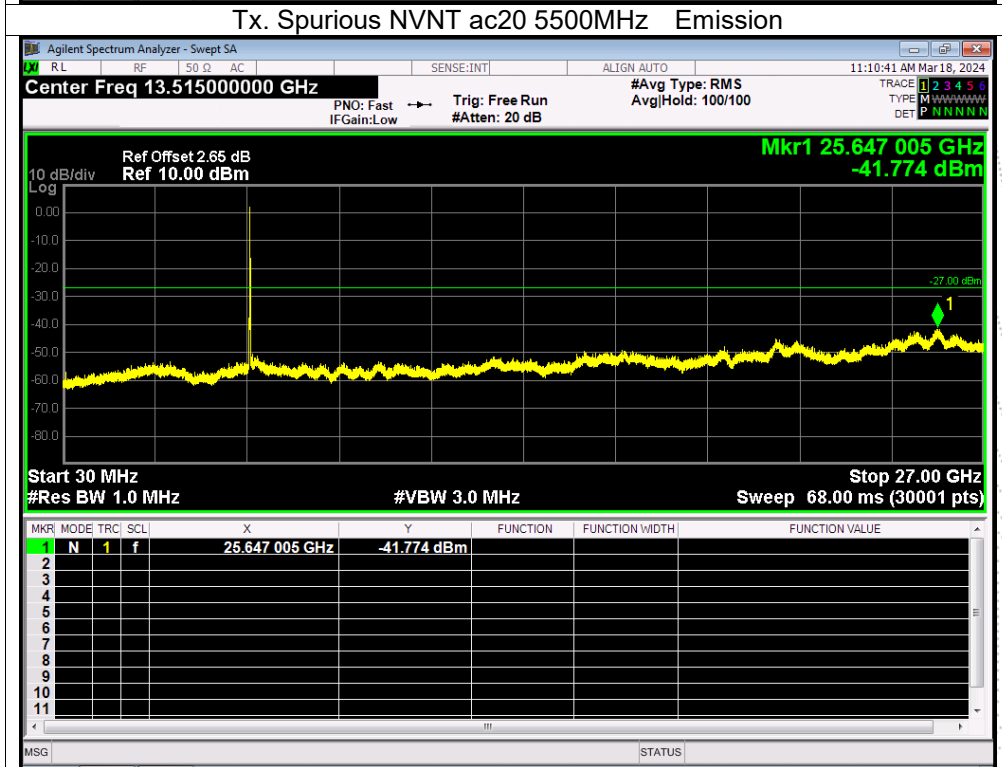
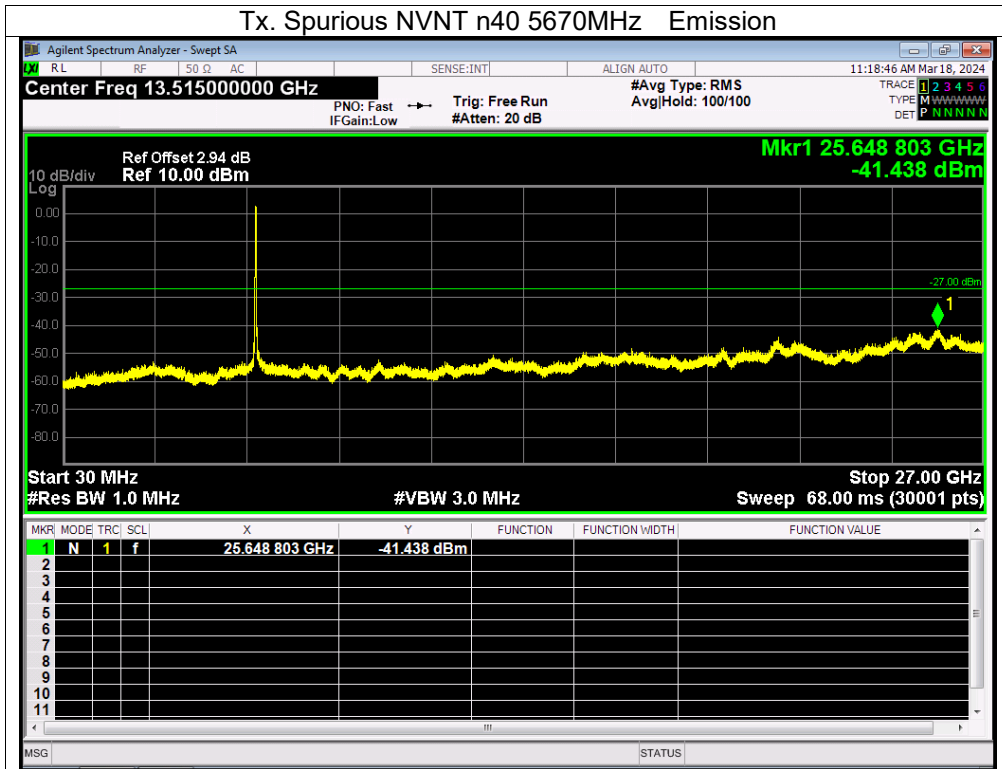
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5500-5700MHz

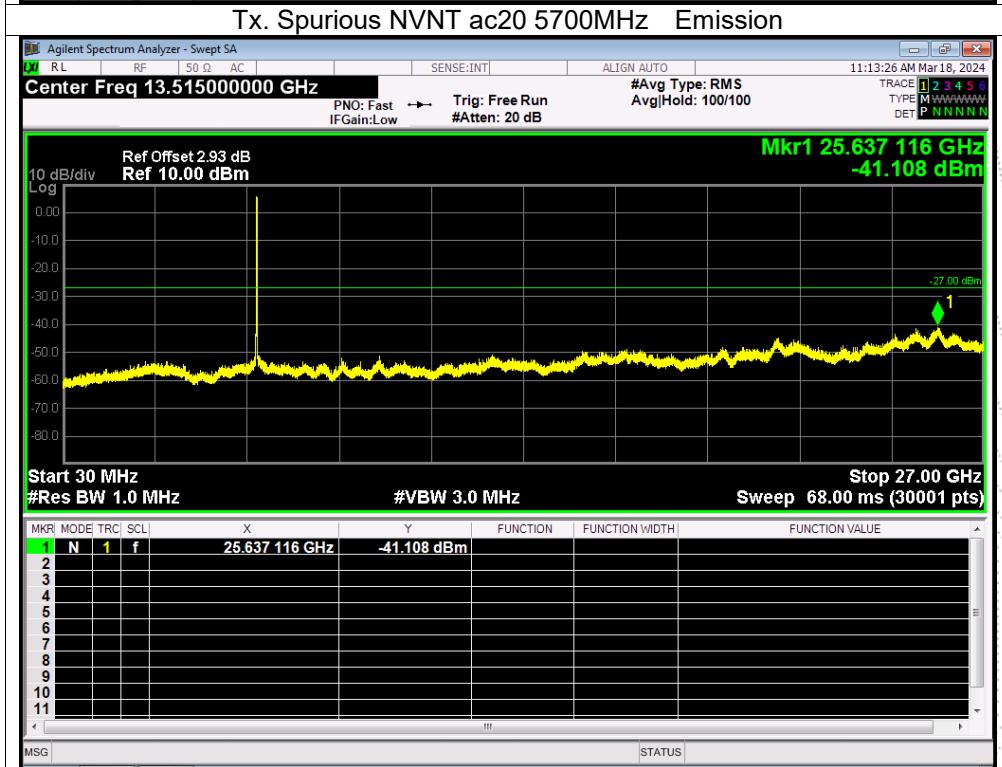
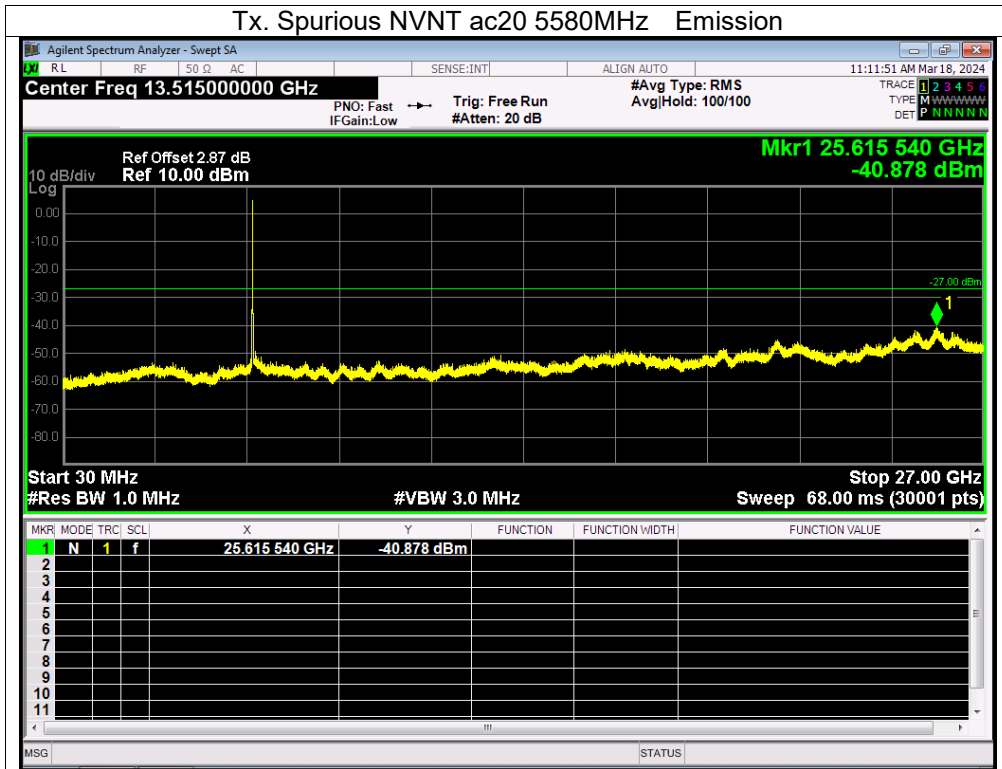


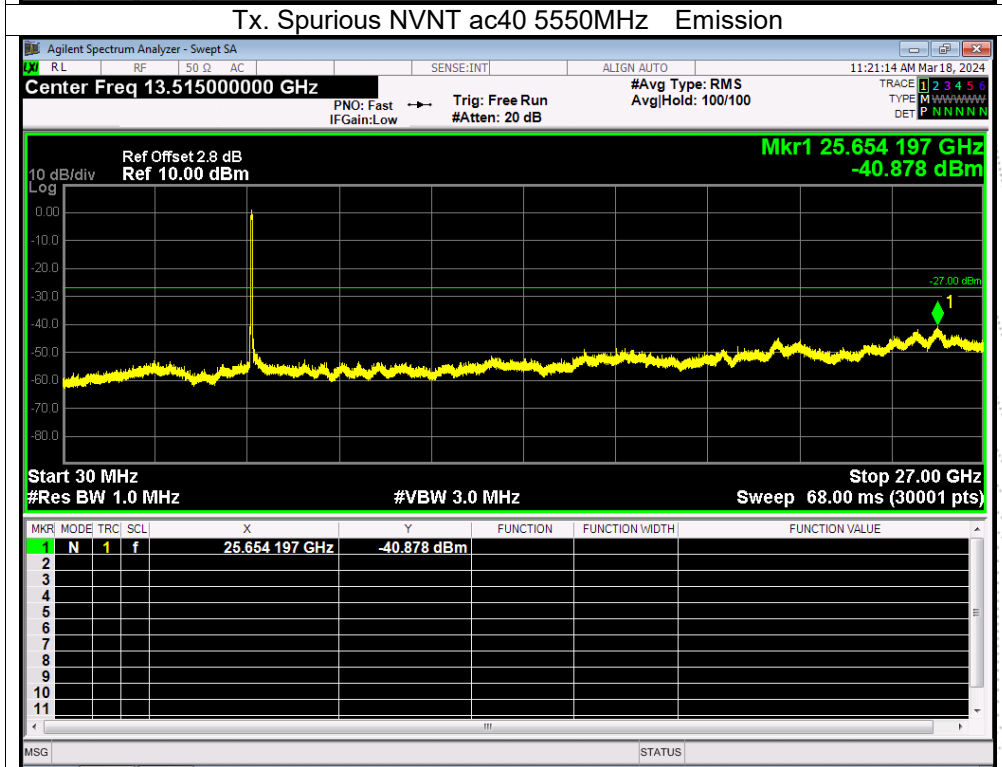
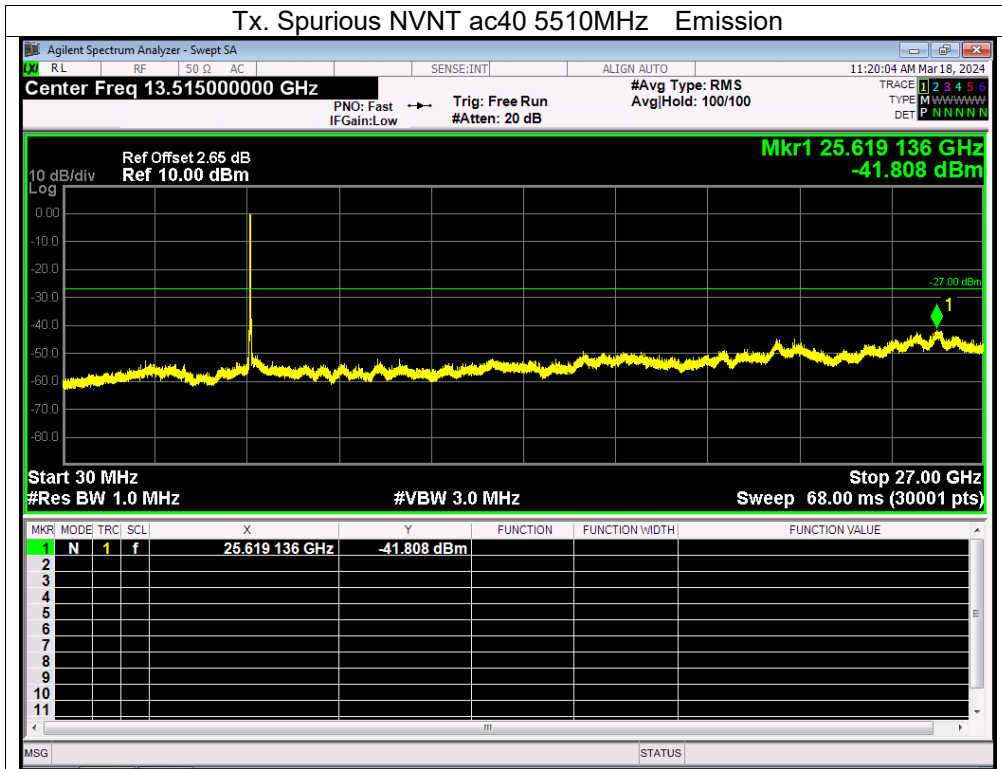


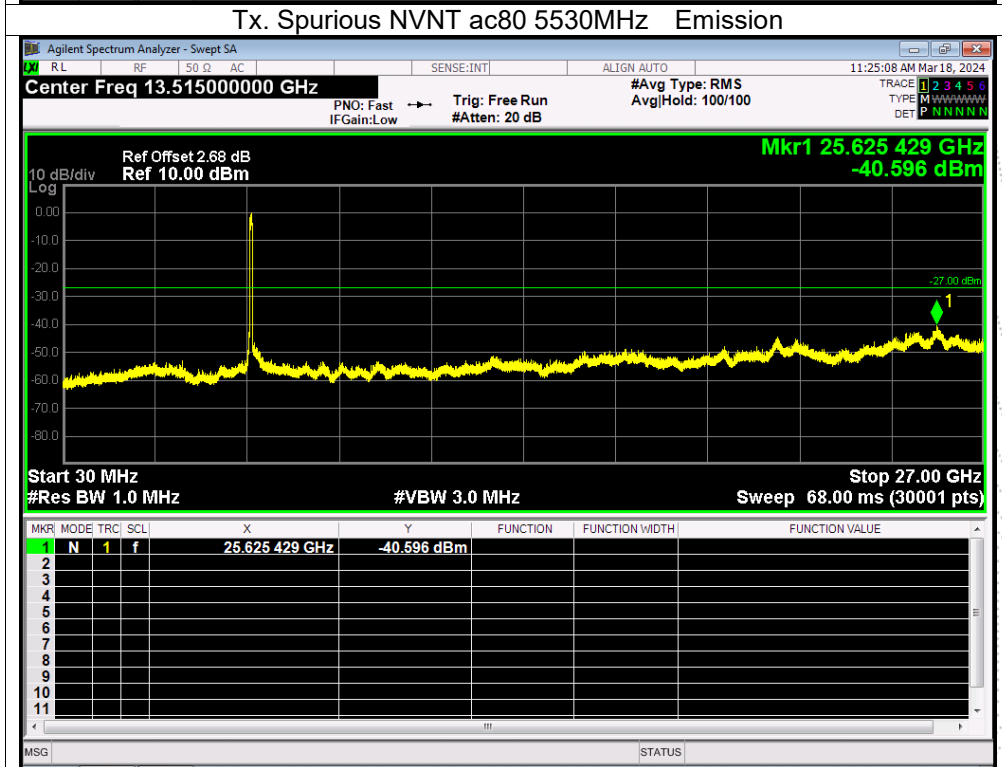
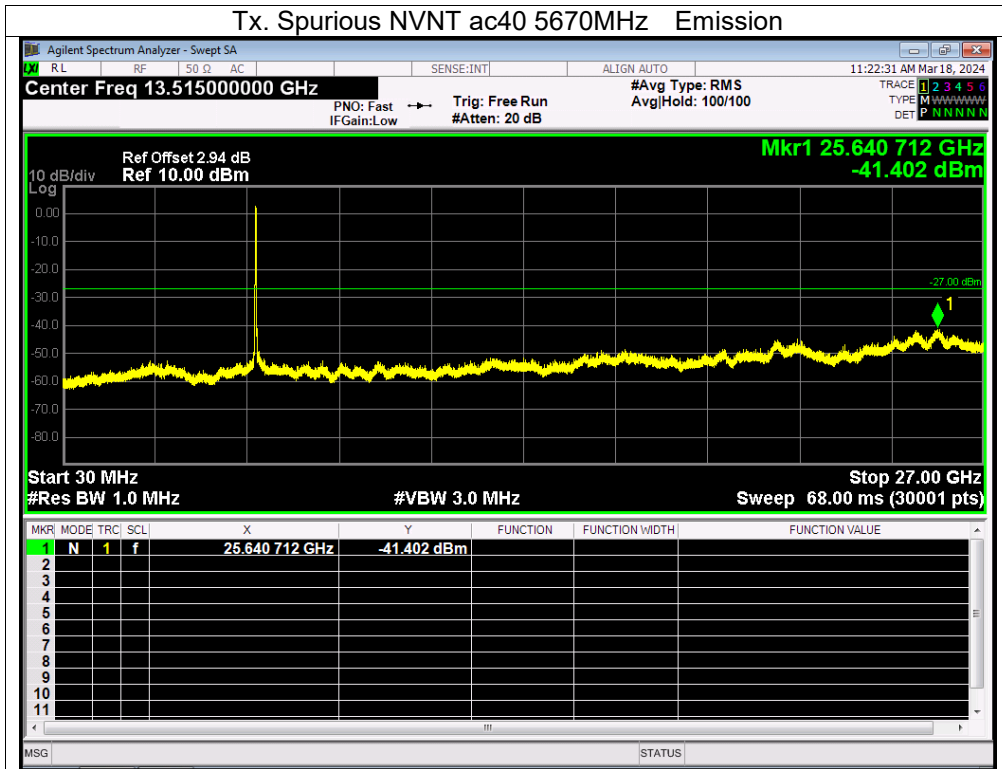




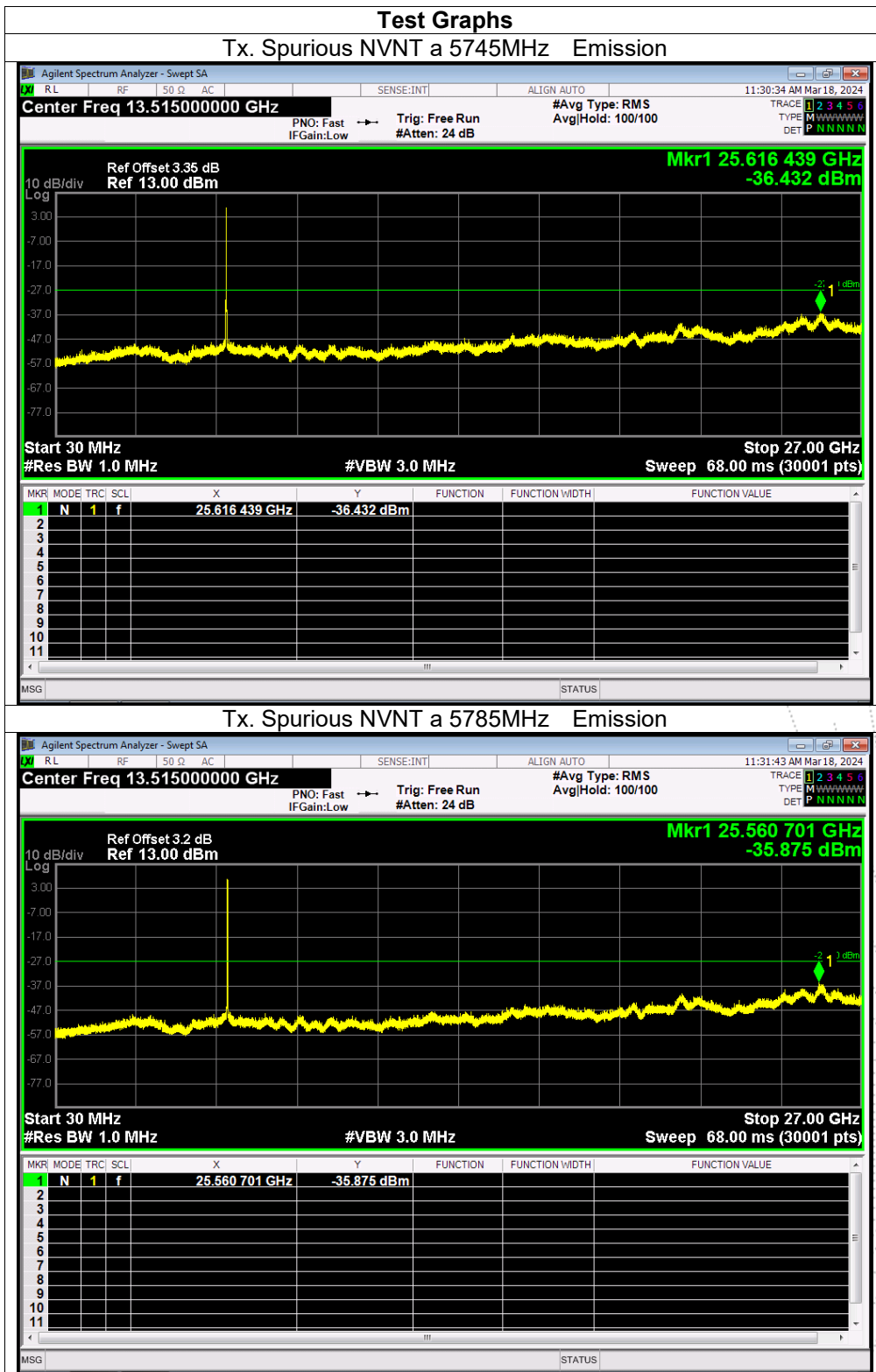


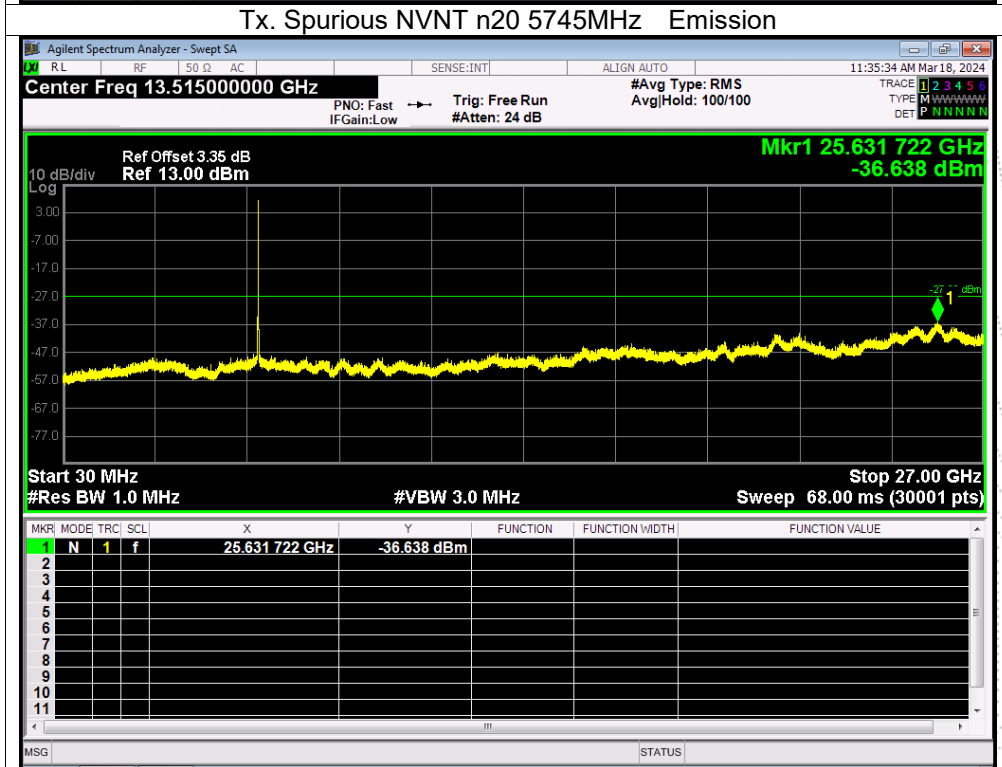
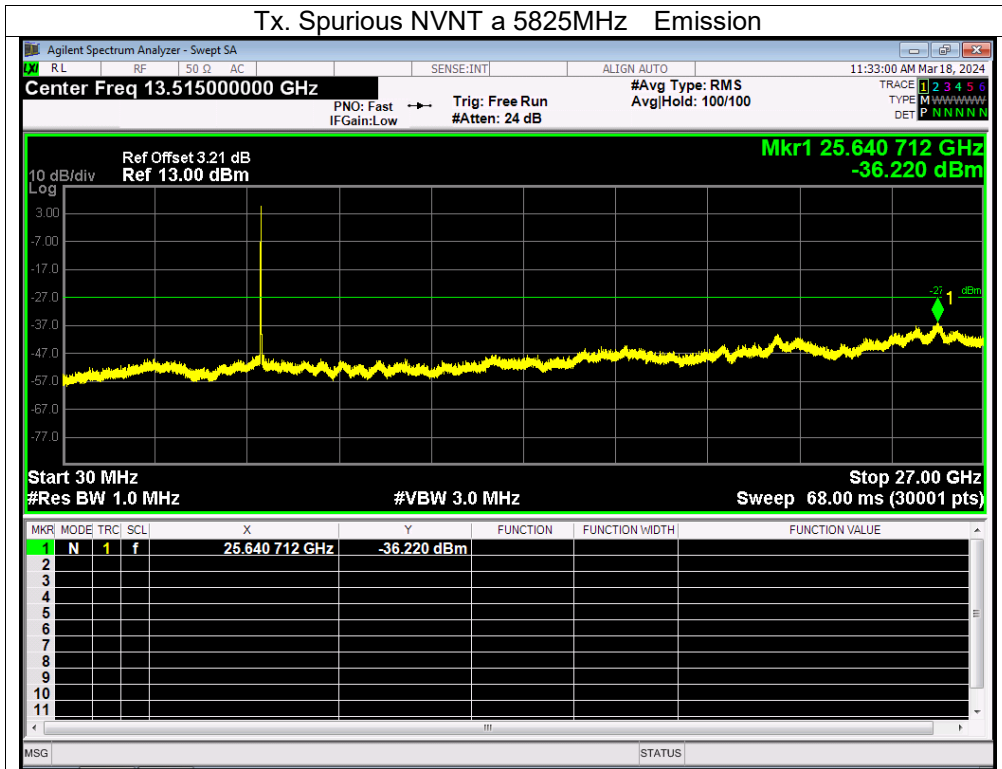


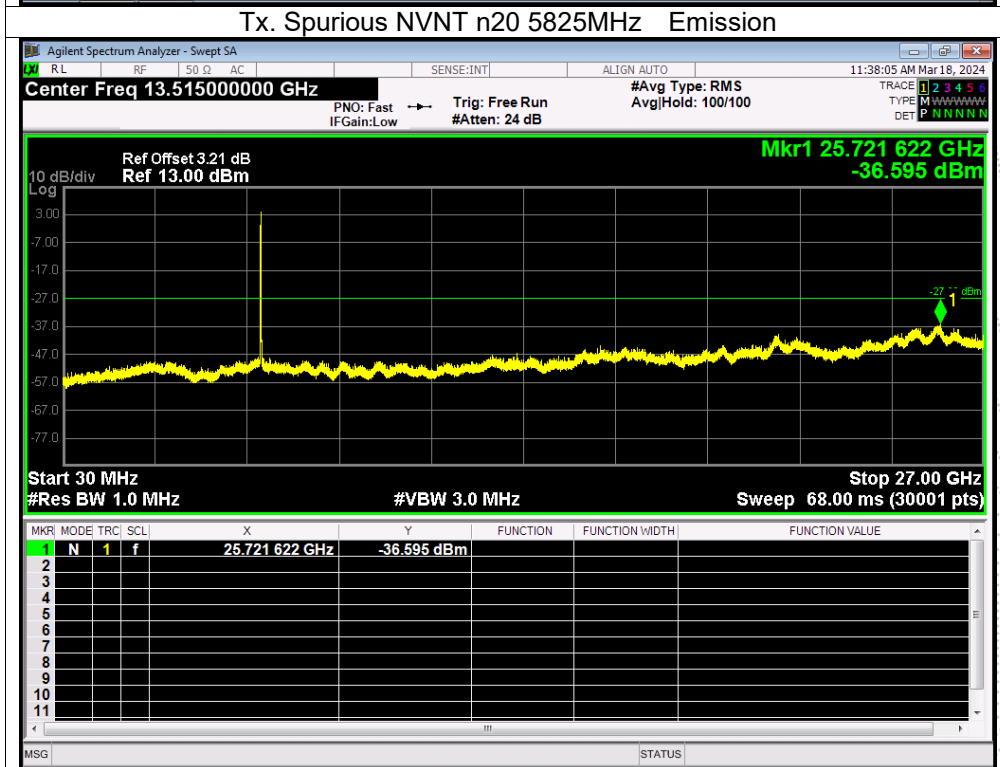
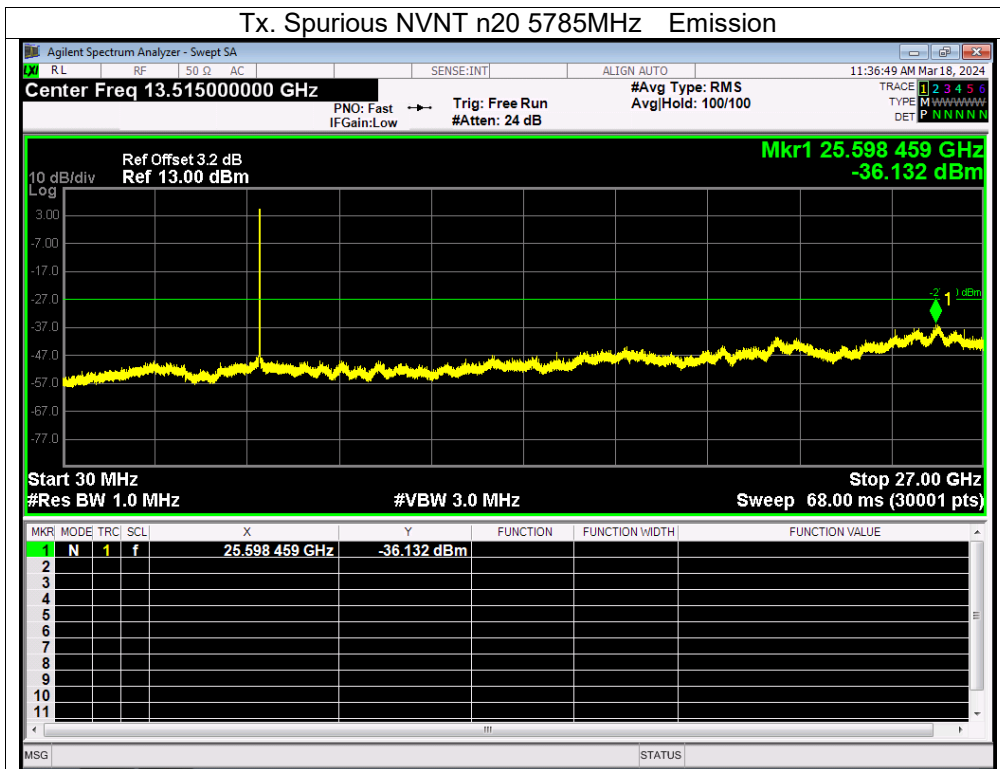


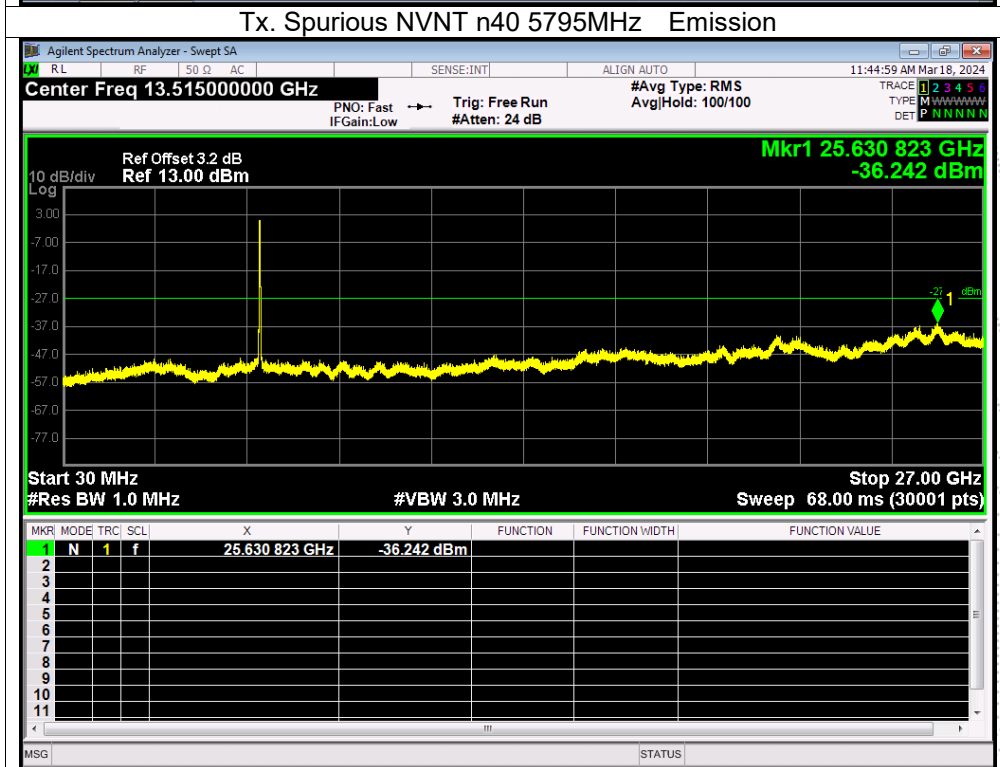
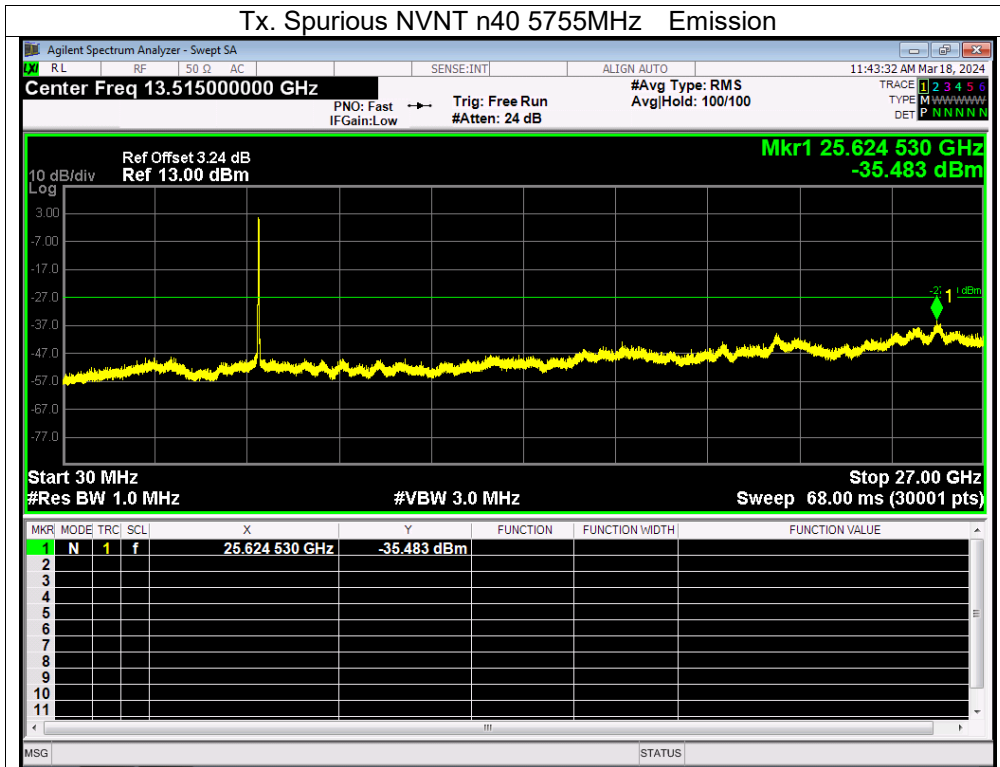


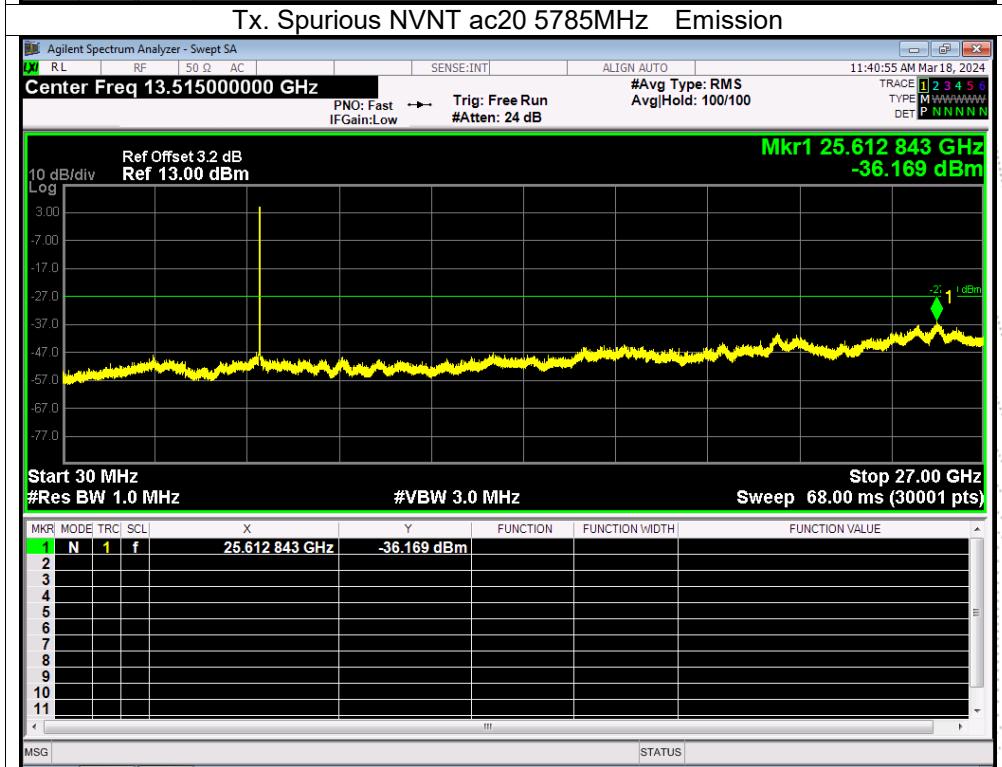
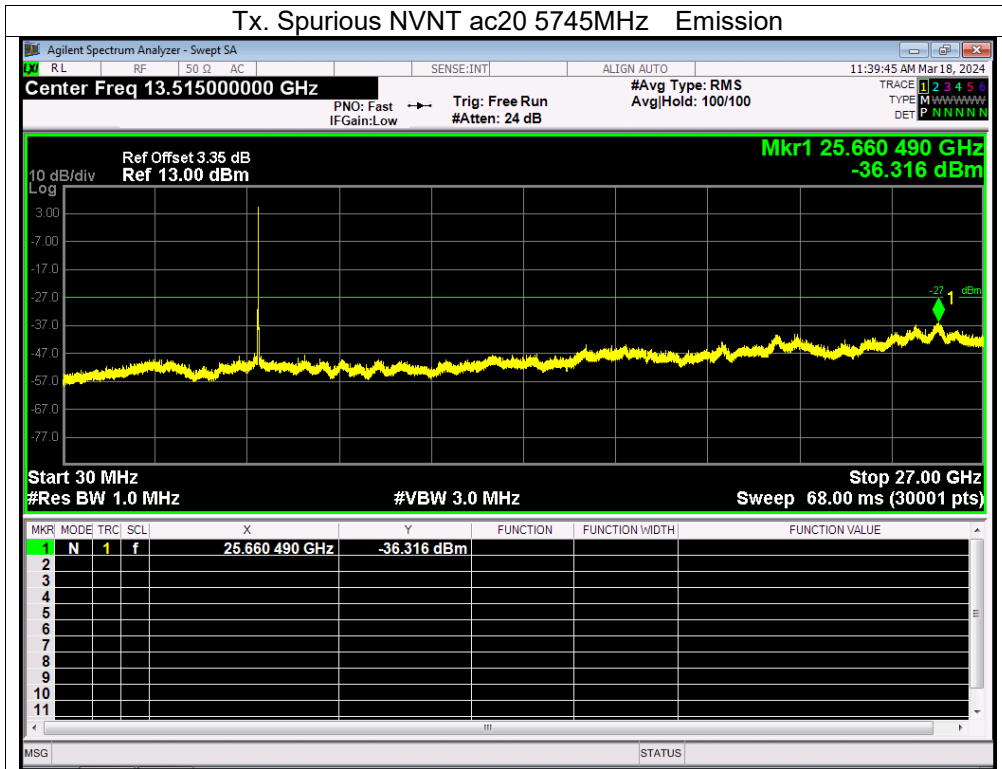
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5745-5825 MHz

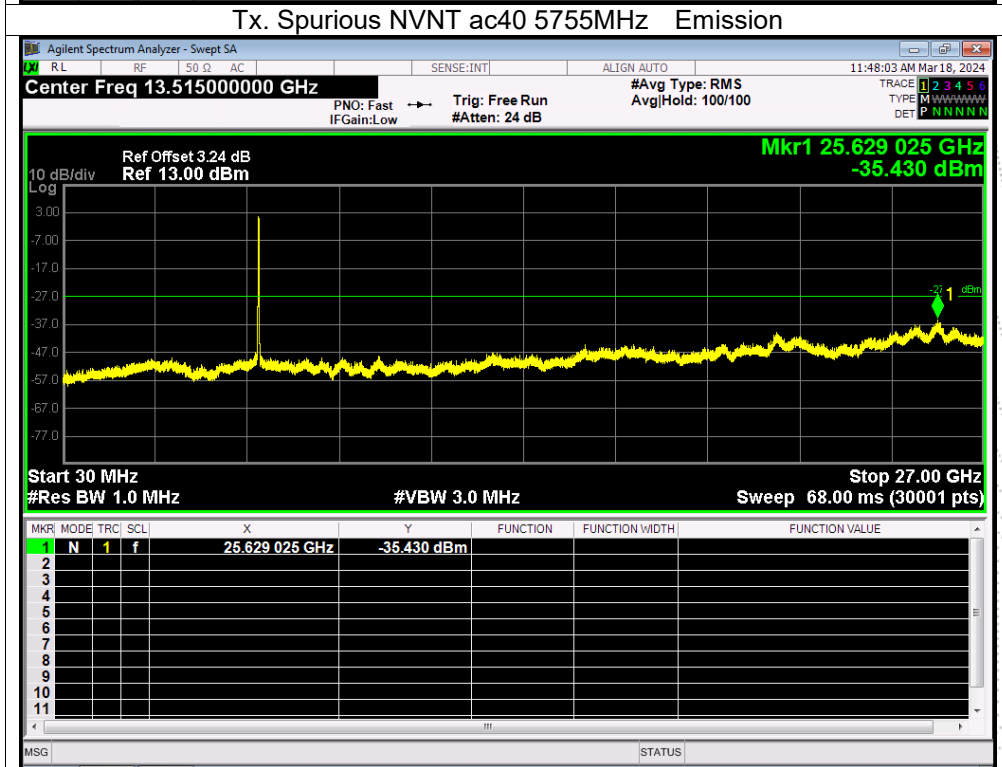
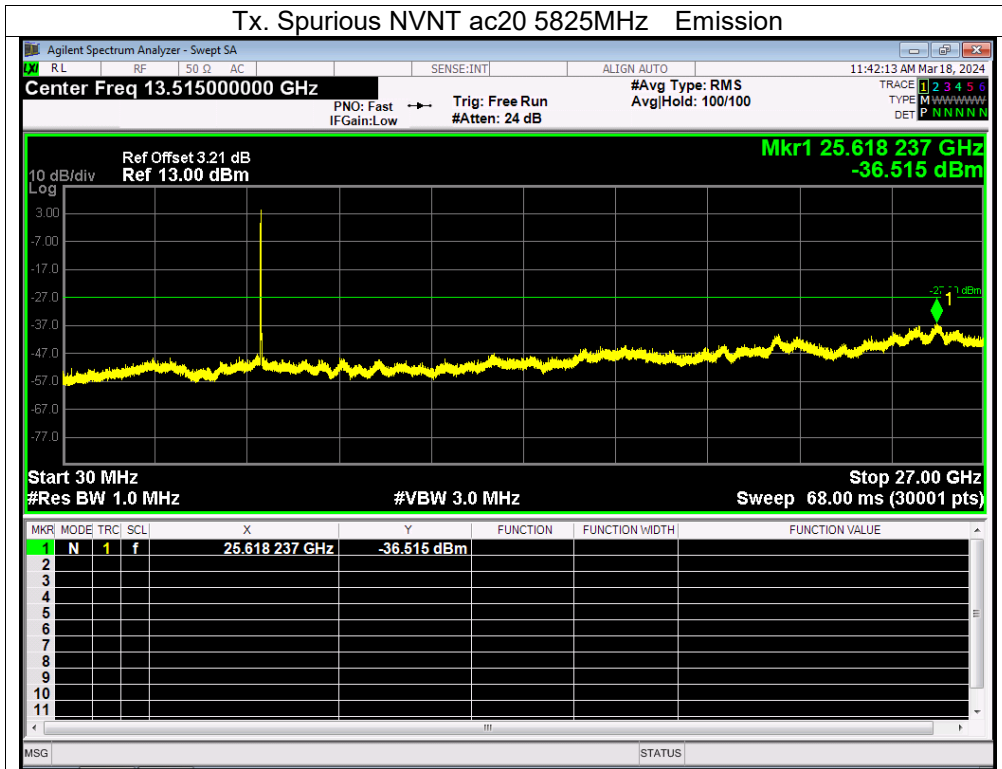


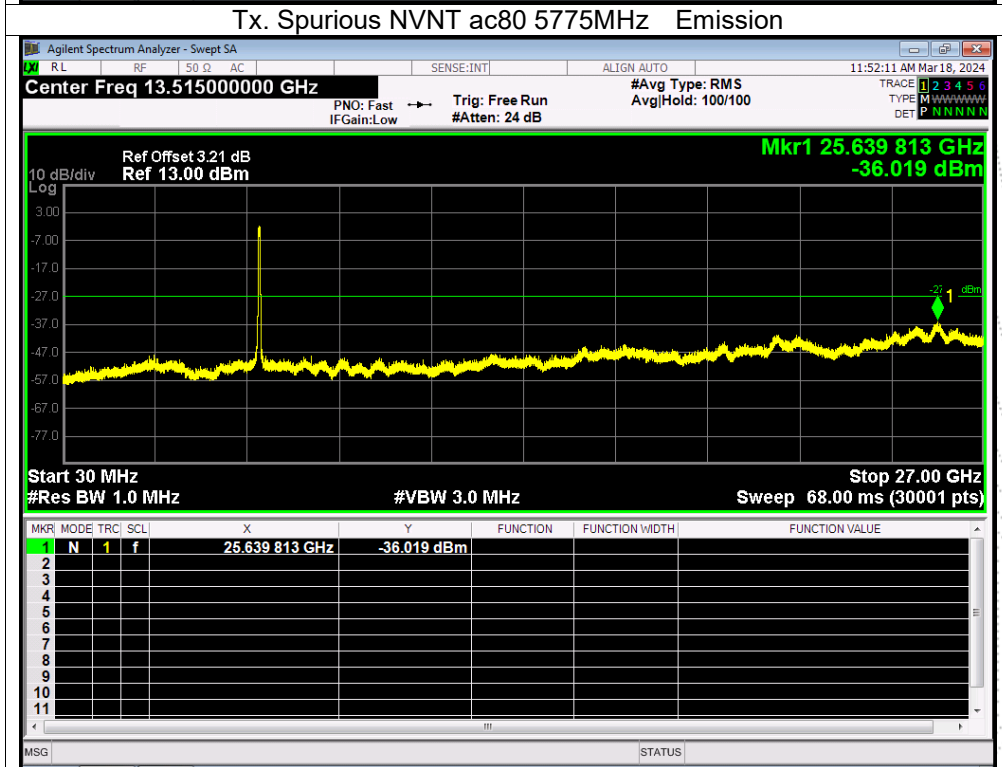
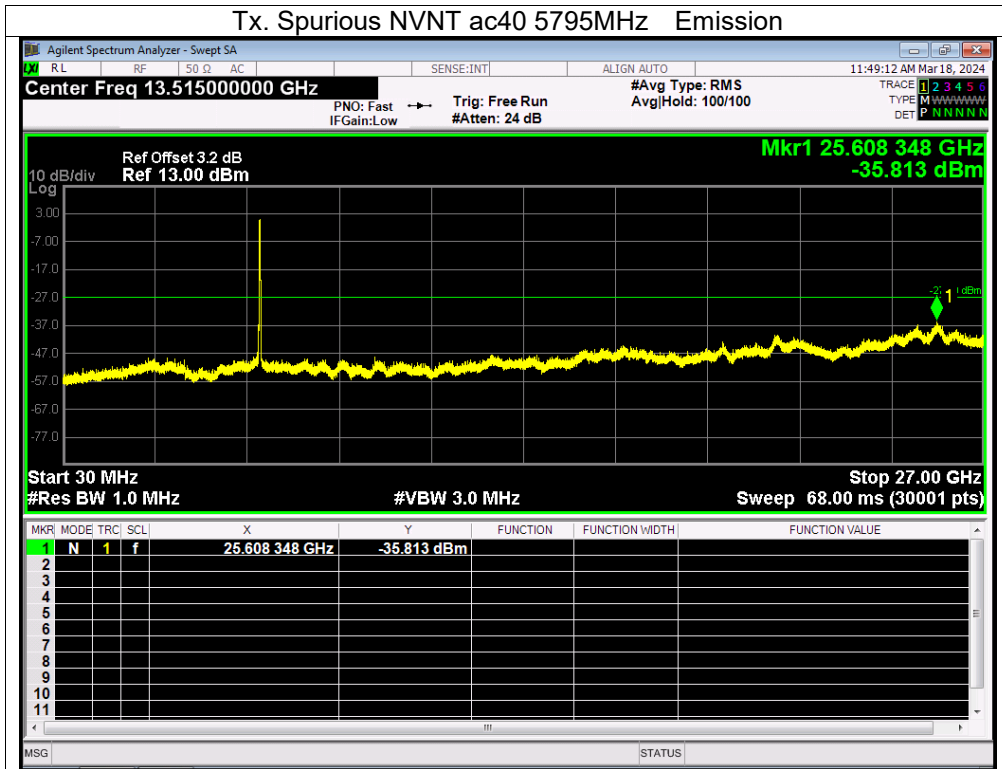






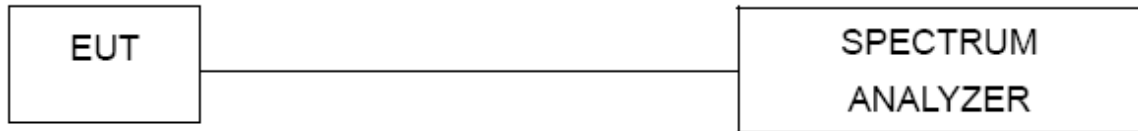






13. Frequency Stability Measurement

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 : 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5180.0088	5180	0.0088	1.6988
		V max (V)	138.00	5180.0004	5180	0.0004	0.0772
		V min (V)	102.00	5180.0029	5180	0.0029	0.5598
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

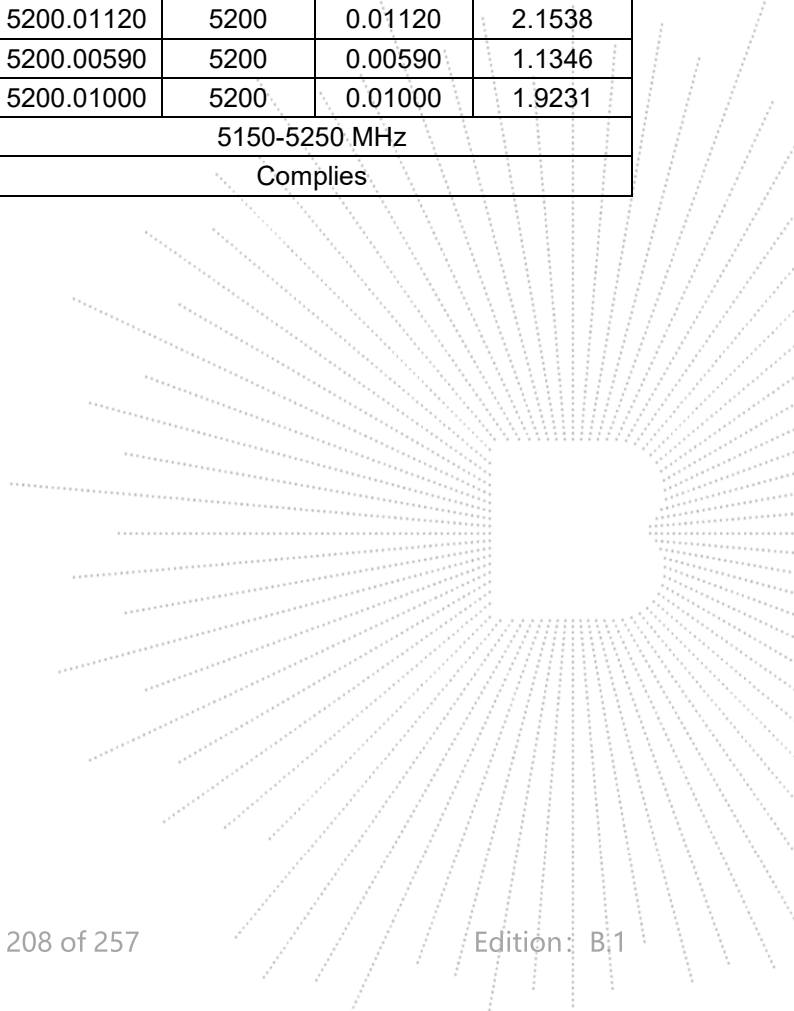
TEST CONDITIONS				Reference Frequency : 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5180.0048	5180	0.0048	0.9266
		T (°C)	-10	5180.0090	5180	0.0090	1.7375
		T (°C)	0	5180.0003	5180	0.0003	0.0579
		T (°C)	10	5180.0076	5180	0.0076	1.4672
		T (°C)	20	5180.0127	5180	0.0127	2.4517
		T (°C)	30	5180.0126	5180	0.0126	2.4324
		T (°C)	40	5180.0090	5180	0.0090	1.7375
		T (°C)	50	5180.0061	5180	0.0061	1.1776
		T (°C)	60	5180.0120	5180	0.0120	2.3166
		T (°C)	70	5180.0107	5180	0.0107	2.0656
Limits				5150-5250 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)	120.00	5200.0116	5200	0.0116	2.2308
		V max (V)	138.00	5200.0013	5200	0.0013	0.2500
		V min (V)	102.00	5200.0062	5200	0.0062	1.1923
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5200.01340	5200	0.01340	2.5769
		T (°C)	-10	5200.00110	5200	0.00110	0.2115
		T (°C)	0	5200.00160	5200	0.00160	0.3077
		T (°C)	10	5200.00900	5200	0.00900	1.7308
		T (°C)	20	5200.00650	5200	0.00650	1.2500
		T (°C)	30	5200.00250	5200	0.00250	0.4808
		T (°C)	40	5200.00620	5200	0.00620	1.1923
		T (°C)	50	5200.01120	5200	0.01120	2.1538
		T (°C)	60	5200.00590	5200	0.00590	1.1346
		T (°C)	70	5200.01000	5200	0.01000	1.9231
Limits				5150-5250 MHz			
Result				Complies			

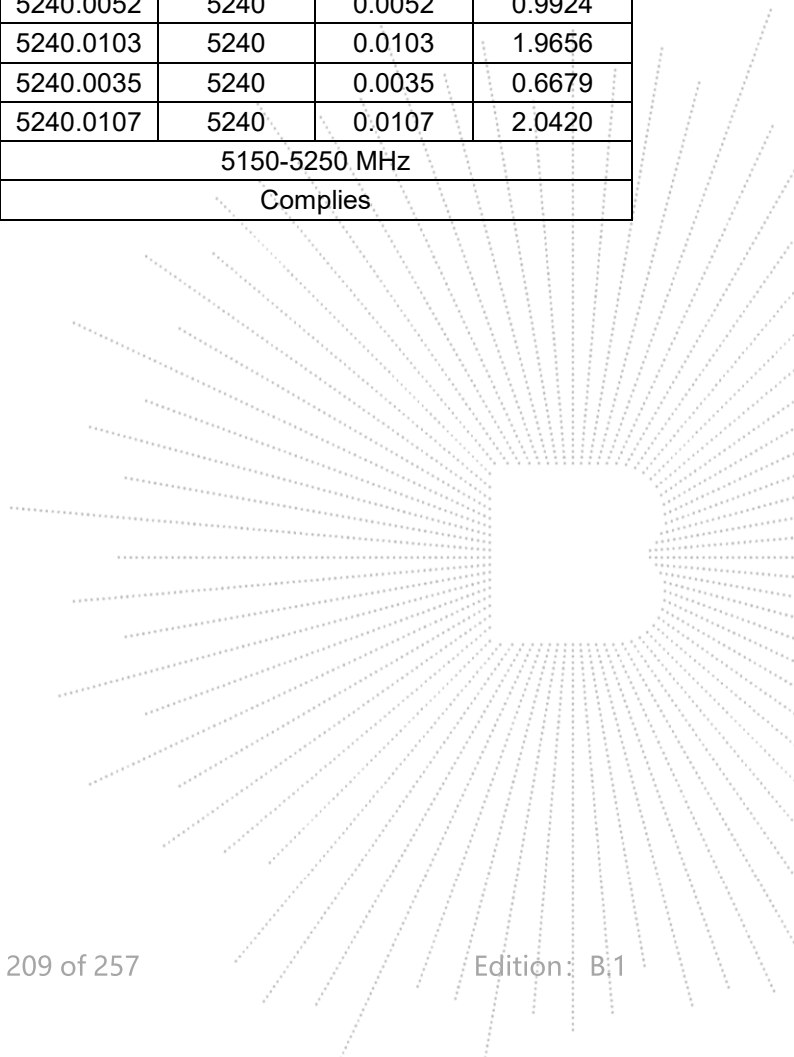


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5240.0043	5240	0.0043	0.8206
		V max (V)	138.00	5240.0002	5240	0.0002	0.0382
		V min (V)	102.00	5240.0018	5240	0.0018	0.3435
Limits				5150-5250 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5240.0097	5240	0.0097	1.8511
		T (°C)	-10	5240.0070	5240	0.0070	1.3359
		T (°C)	0	5240.0035	5240	0.0035	0.6679
		T (°C)	10	5240.0133	5240	0.0133	2.5382
		T (°C)	20	5240.0001	5240	0.0001	0.0191
		T (°C)	30	5240.0019	5240	0.0019	0.3626
		T (°C)	40	5240.0052	5240	0.0052	0.9924
		T (°C)	50	5240.0103	5240	0.0103	1.9656
		T (°C)	60	5240.0035	5240	0.0035	0.6679
		T (°C)	70	5240.0107	5240	0.0107	2.0420
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: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5260.0083	5260	0.0083	1.5779
		V max (V)	138.00	5260.0029	5260	0.0029	0.5513
		V min (V)	102.00	5260.0034	5260	0.0034	0.6464
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

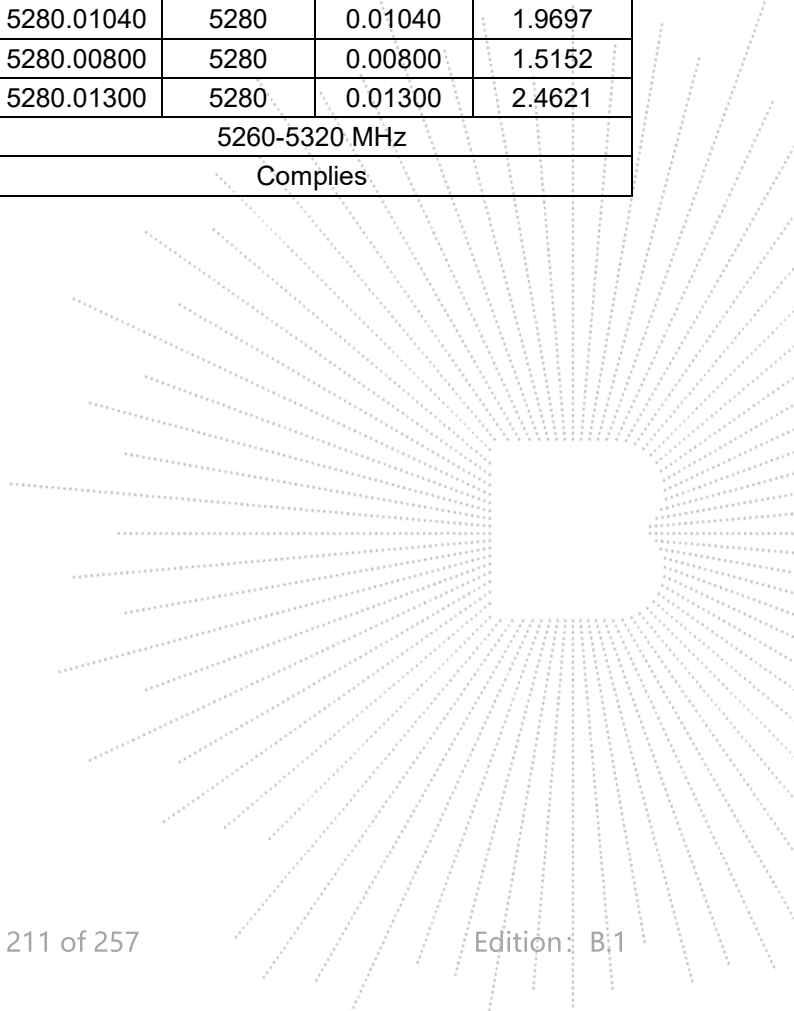
TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5260.0060	5260	0.0060	1.1407
		T (°C)	-10	5260.0053	5260	0.0053	1.0076
		T (°C)	0	5260.0121	5260	0.0121	2.3004
		T (°C)	10	5260.0122	5260	0.0122	2.3194
		T (°C)	20	5260.0071	5260	0.0071	1.3498
		T (°C)	30	5260.0050	5260	0.0050	0.9506
		T (°C)	40	5260.0094	5260	0.0094	1.7871
		T (°C)	50	5260.0055	5260	0.0055	1.0456
		T (°C)	60	5260.0032	5260	0.0032	0.6084
		T (°C)	70	5260.0130	5260	0.0130	2.4715
Limits				5260-5320 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)	120.00	5280.0087	5280	0.0087	1.6477
		V max (V)	138.00	5280.0081	5280	0.0081	1.5341
		V min (V)	102.00	5280.0120	5280	0.0120	2.2727
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5280.00600	5280	0.00600	1.1364
		T (°C)	-10	5280.00440	5280	0.00440	0.8333
		T (°C)	0	5280.01330	5280	0.01330	2.5189
		T (°C)	10	5280.00410	5280	0.00410	0.7765
		T (°C)	20	5280.01240	5280	0.01240	2.3485
		T (°C)	30	5280.00100	5280	0.00100	0.1894
		T (°C)	40	5280.00250	5280	0.00250	0.4735
		T (°C)	50	5280.01040	5280	0.01040	1.9697
		T (°C)	60	5280.00800	5280	0.00800	1.5152
		T (°C)	70	5280.01300	5280	0.01300	2.4621
Limits				5260-5320 MHz			
Result				Complies			

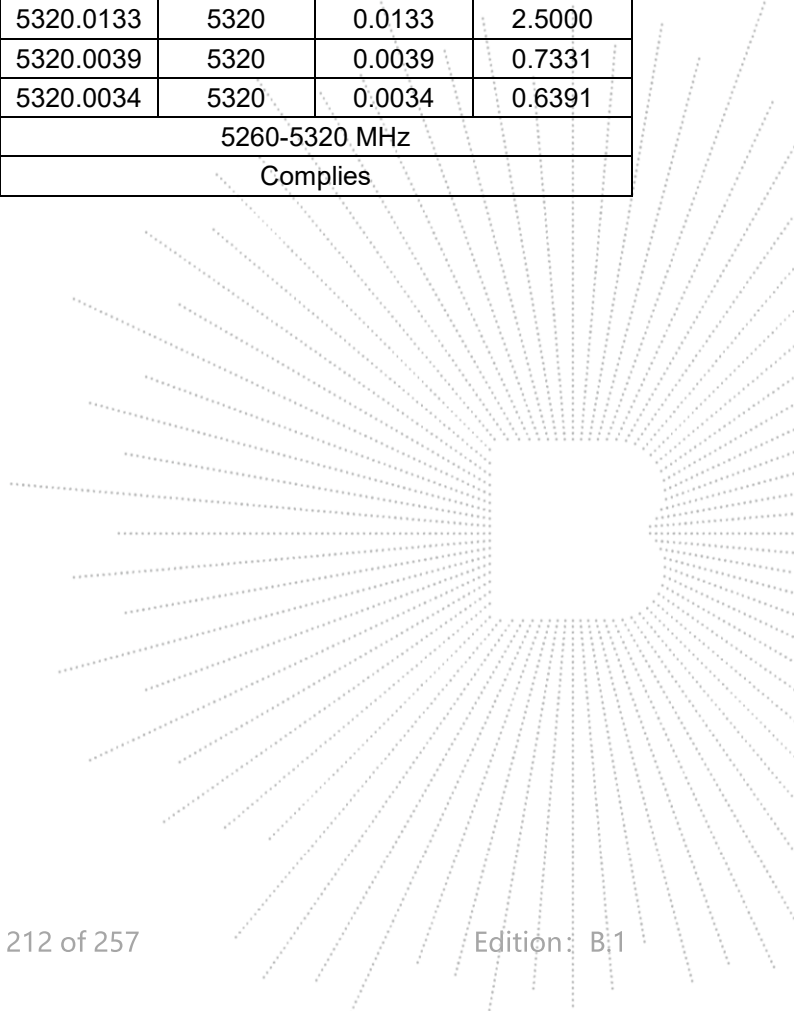


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5320.0129	5320	0.0129	2.4248
		V max (V)	138.00	5320.0116	5320	0.0116	2.1805
		V min (V)	102.00	5320.0088	5320	0.0088	1.6541
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5320.0044	5320	0.0044	0.8271
		T (°C)	-10	5320.0059	5320	0.0059	1.1090
		T (°C)	0	5320.0006	5320	0.0006	0.1128
		T (°C)	10	5320.0094	5320	0.0094	1.7669
		T (°C)	20	5320.0083	5320	0.0083	1.5602
		T (°C)	30	5320.0107	5320	0.0107	2.0113
		T (°C)	40	5320.0072	5320	0.0072	1.3534
		T (°C)	50	5320.0133	5320	0.0133	2.5000
		T (°C)	60	5320.0039	5320	0.0039	0.7331
		T (°C)	70	5320.0034	5320	0.0034	0.6391
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)	120.00	5500.0012	5500	0.0012	0.2182
		V max (V)	138.00	5500.0086	5500	0.0086	1.5636
		V min (V)	102.00	5500.0117	5500	0.0117	2.1273
Limits				5500-5700 MHz			
Result				Complies			

Temperature vs. Frequency Stability

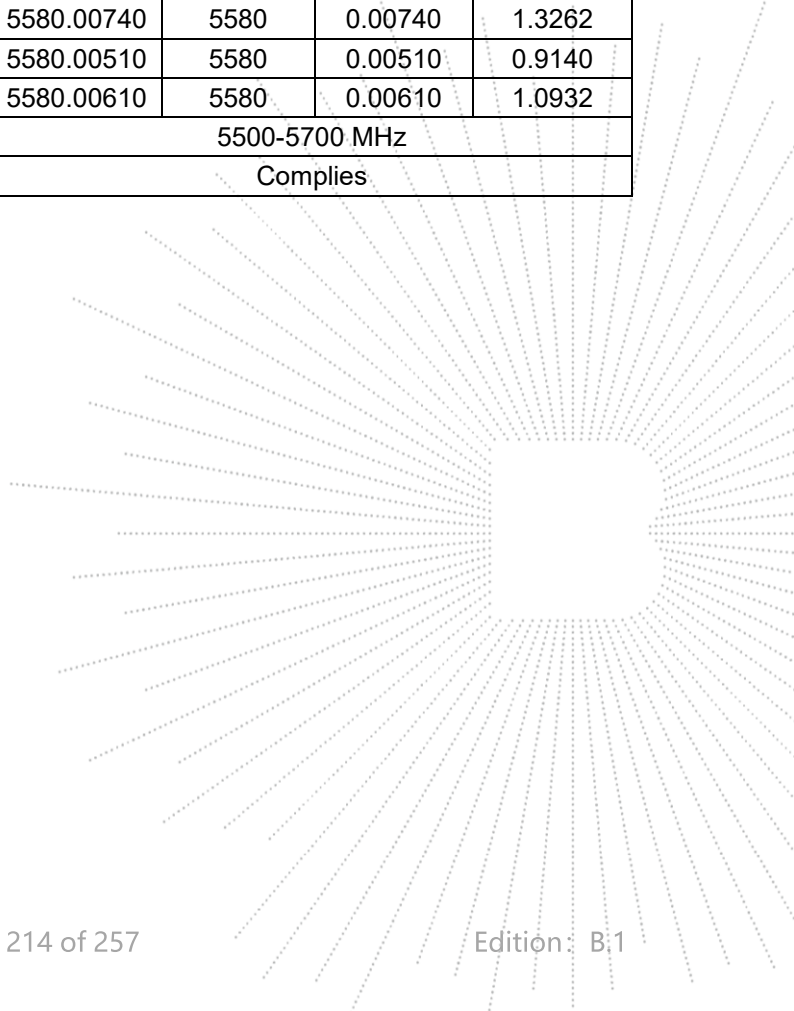
TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5500.0106	5500	0.0106	1.9273
		T (°C)	-10	5500.0004	5500	0.0004	0.0727
		T (°C)	0	5500.0062	5500	0.0062	1.1273
		T (°C)	10	5500.0003	5500	0.0003	0.0545
		T (°C)	20	5500.0080	5500	0.0080	1.4545
		T (°C)	30	5500.0074	5500	0.0074	1.3455
		T (°C)	40	5500.0022	5500	0.0022	0.4000
		T (°C)	50	5500.0052	5500	0.0052	0.9455
		T (°C)	60	5500.0134	5500	0.0134	2.4364
		T (°C)	70	5500.0083	5500	0.0083	1.5091
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)	120.00	5580.0101	5580	0.0101	1.8100
		V max (V)	138.00	5580.0133	5580	0.0133	2.3835
		V min (V)	102.00	5580.0048	5580	0.0048	0.8602
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	5580.00370	5580	0.00370	0.6631
		T (°C)	-10	5580.00940	5580	0.00940	1.6846
		T (°C)	0	5580.00610	5580	0.00610	1.0932
		T (°C)	10	5580.00290	5580	0.00290	0.5197
		T (°C)	20	5580.01190	5580	0.01190	2.1326
		T (°C)	30	5580.00690	5580	0.00690	1.2366
		T (°C)	40	5580.00970	5580	0.00970	1.7384
		T (°C)	50	5580.00740	5580	0.00740	1.3262
		T (°C)	60	5580.00510	5580	0.00510	0.9140
		T (°C)	70	5580.00610	5580	0.00610	1.0932
Limits				5500-5700 MHz			
Result				Complies			

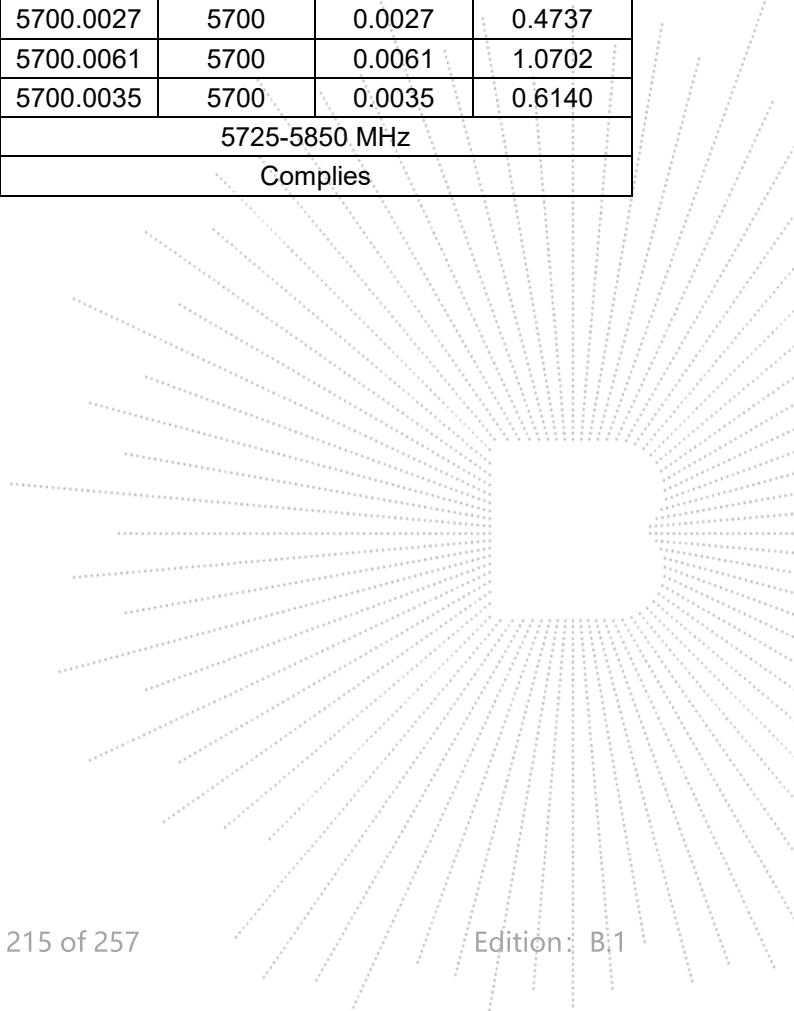


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5700.0070	5700	0.0070	1.2281
		V max (V)	138.00	5700.0135	5700	0.0135	2.3684
		V min (V)	102.00	5700.0069	5700	0.0069	1.2105
Limits				5725-5850 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	5700.0122	5700	0.0122	2.1404
		T (°C)	-10	5700.0051	5700	0.0051	0.8947
		T (°C)	0	5700.0016	5700	0.0016	0.2807
		T (°C)	10	5700.0132	5700	0.0132	2.3158
		T (°C)	20	5700.0122	5700	0.0122	2.1404
		T (°C)	30	5700.0039	5700	0.0039	0.6842
		T (°C)	40	5700.0101	5700	0.0101	1.7719
		T (°C)	50	5700.0027	5700	0.0027	0.4737
		T (°C)	60	5700.0061	5700	0.0061	1.0702
		T (°C)	70	5700.0035	5700	0.0035	0.6140
Limits				5725-5850 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)	120.00	5745.01300	5745	0.01300	2.2628
		V max (V)	138.00	5745.01230	5745	0.01230	2.1410
		V min (V)	102.00	5745.01190	5745	0.01190	2.0714
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

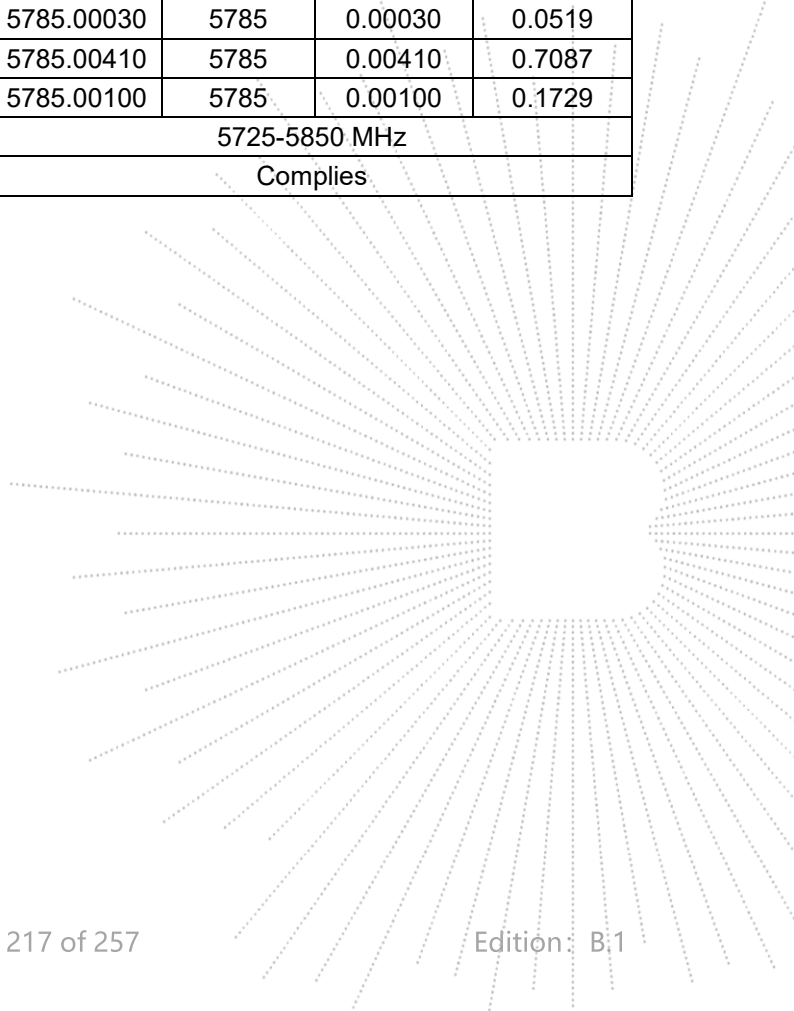
TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5745.00220	5745	0.00220	0.3829
		T (°C)	-10	5745.00350	5745	0.00350	0.6092
		T (°C)	0	5745.01130	5745	0.01130	1.9669
		T (°C)	10	5745.01200	5745	0.01200	2.0888
		T (°C)	20	5745.00600	5745	0.00600	1.0444
		T (°C)	30	5745.00050	5745	0.00050	0.0870
		T (°C)	40	5745.00710	5745	0.00710	1.2359
		T (°C)	50	5745.01010	5745	0.01010	1.7581
		T (°C)	60	5745.00270	5745	0.00270	0.4700
		T (°C)	70	5745.00470	5745	0.00470	0.8181
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)	120.00	5785.01190	5785	0.01190	2.0570
		V max (V)	138.00	5785.00310	5785	0.00310	0.5359
		V min (V)	102.00	5785.00540	5785	0.00540	0.9334
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	5785.00510	5785	0.00510	0.8816
		T (°C)	-10	5785.00920	5785	0.00920	1.5903
		T (°C)	0	5785.01300	5785	0.01300	2.2472
		T (°C)	10	5785.00380	5785	0.00380	0.6569
		T (°C)	20	5785.01290	5785	0.01290	2.2299
		T (°C)	30	5785.00950	5785	0.00950	1.6422
		T (°C)	40	5785.00450	5785	0.00450	0.7779
		T (°C)	50	5785.00030	5785	0.00030	0.0519
		T (°C)	60	5785.00410	5785	0.00410	0.7087
		T (°C)	70	5785.00100	5785	0.00100	0.1729
Limits				5725-5850 MHz			
Result				Complies			

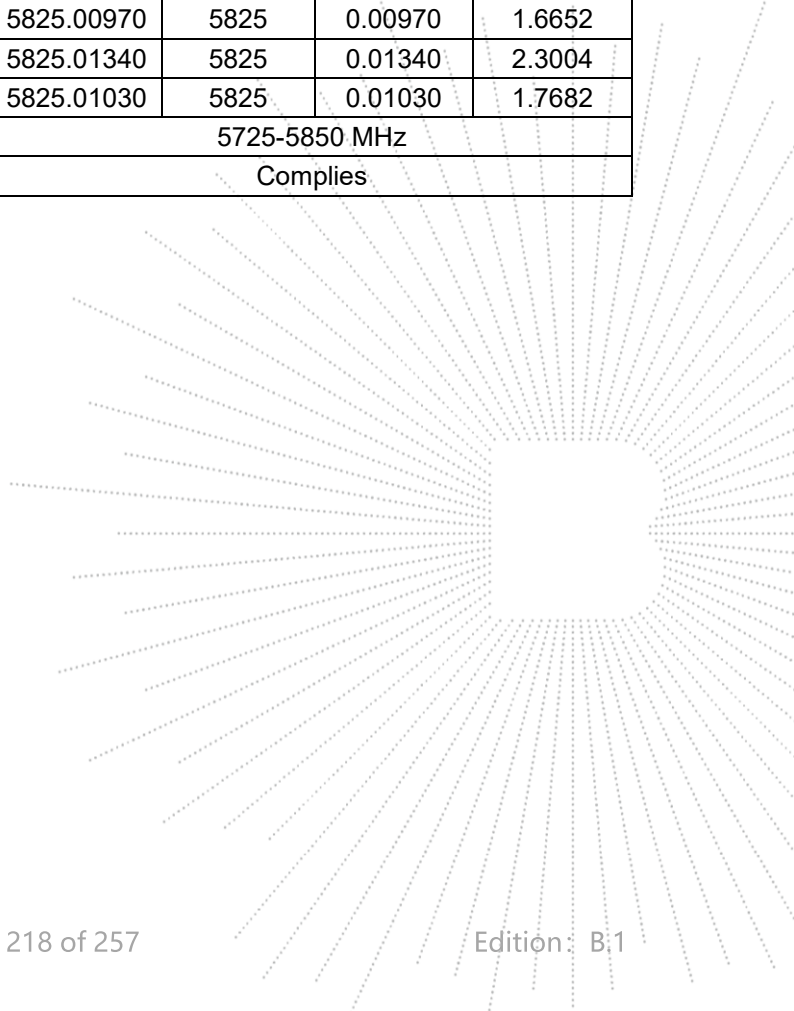


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5825.00210	5825	0.00210	0.3605
		V max (V)	138.00	5825.00990	5825	0.00990	1.6996
		V min (V)	102.00	5825.00100	5825	0.00100	0.1717
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	5825.01100	5825	0.01100	1.8884
		T (°C)	-10	5825.00140	5825	0.00140	0.2403
		T (°C)	0	5825.00670	5825	0.00670	1.1502
		T (°C)	10	5825.00740	5825	0.00740	1.2704
		T (°C)	20	5825.00840	5825	0.00840	1.4421
		T (°C)	30	5825.00650	5825	0.00650	1.1159
		T (°C)	40	5825.01340	5825	0.01340	2.3004
		T (°C)	50	5825.00970	5825	0.00970	1.6652
		T (°C)	60	5825.01340	5825	0.01340	2.3004
		T (°C)	70	5825.01030	5825	0.01030	1.7682
Limits				5725-5850 MHz			
Result				Complies			



14. Duty Cycle Of Test Signal

14.1 Standard Requirement

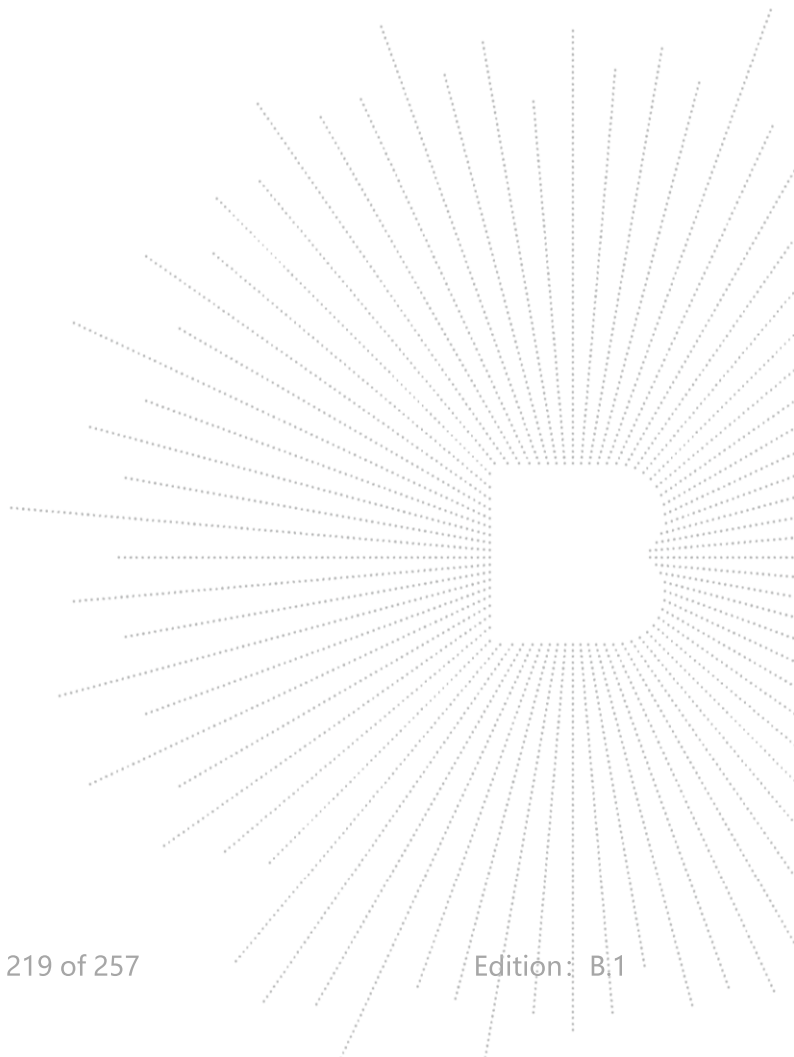
Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative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

5.1G

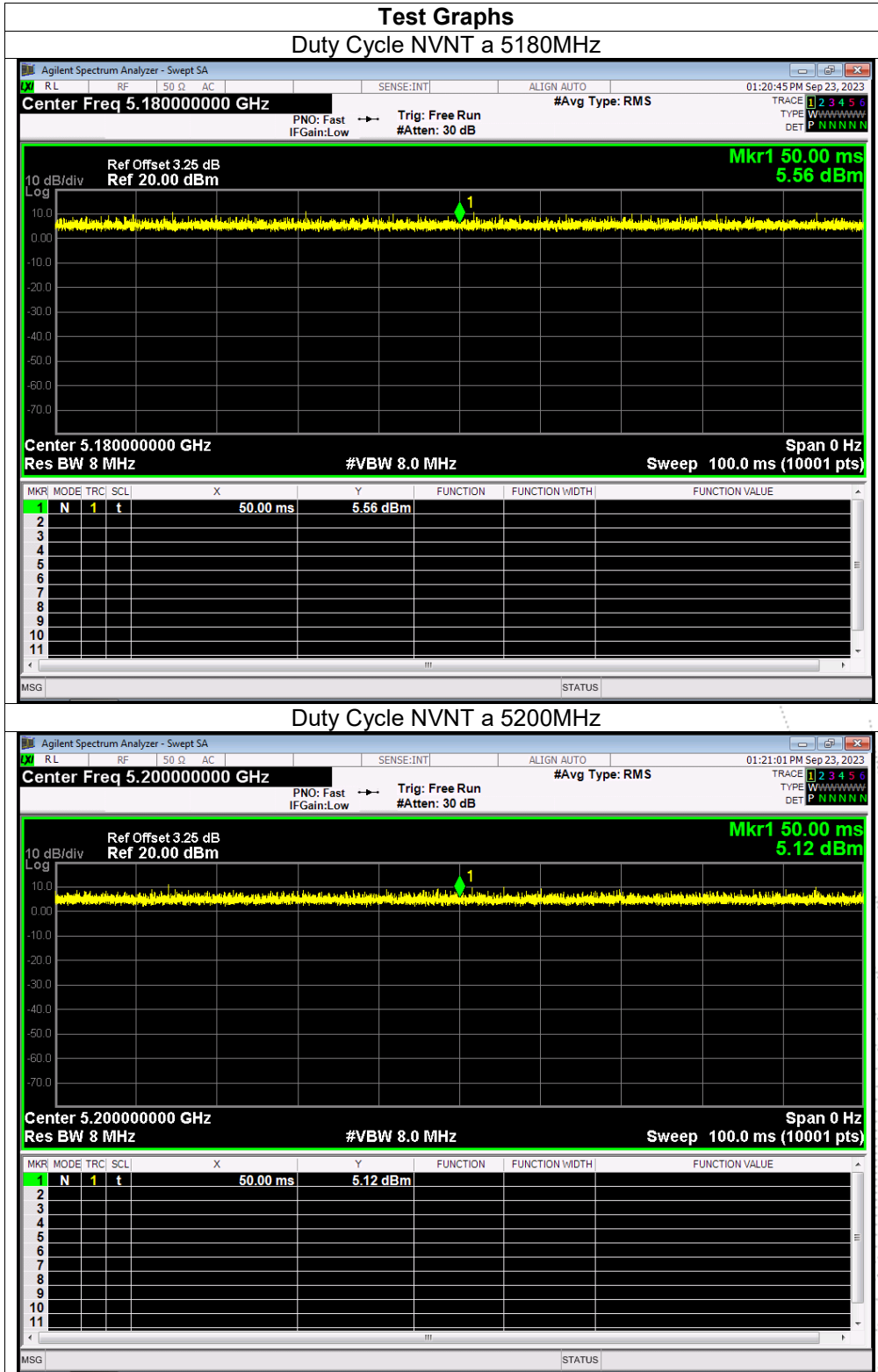
ANT A

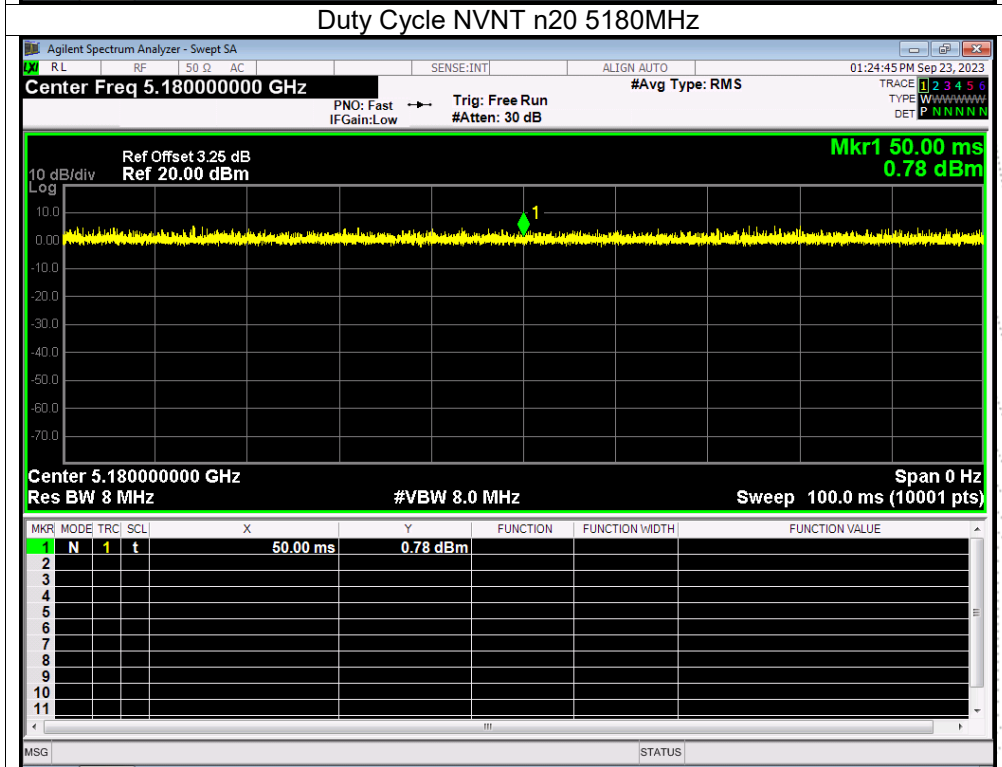
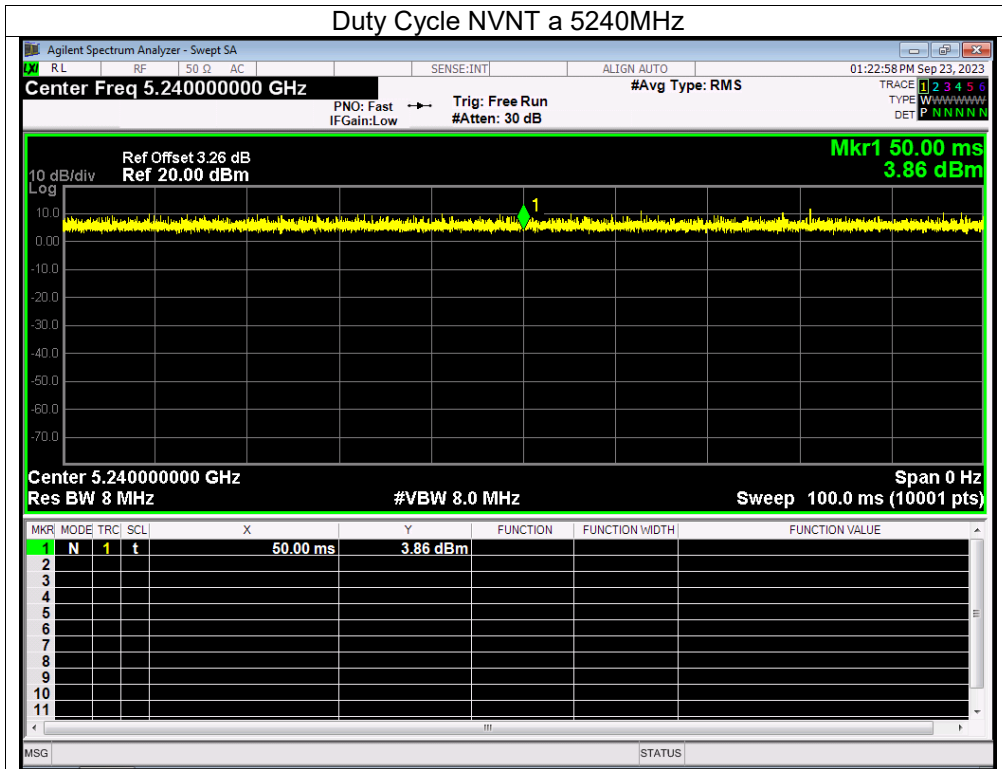
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	100	0	0
NVNT	a	5200	100	0	0
NVNT	a	5240	100	0	0
NVNT	n20	5180	100	0	0
NVNT	n20	5200	100	0	0
NVNT	n20	5240	100	0	0
NVNT	n40	5190	100	0	0
NVNT	n40	5230	100	0	0
NVNT	ac20	5180	100	0	0
NVNT	ac20	5200	100	0	0
NVNT	ac20	5240	100	0	0
NVNT	ac40	5190	100	0	0
NVNT	ac40	5230	100	0	0
NVNT	ac80	5210	100	0	0

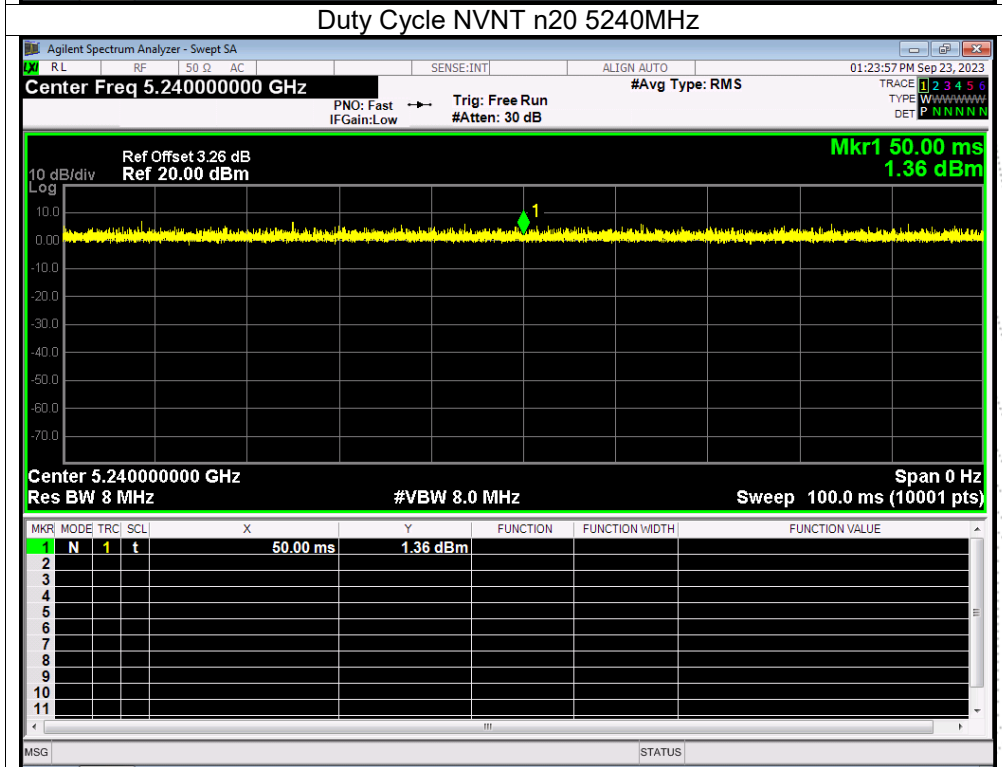
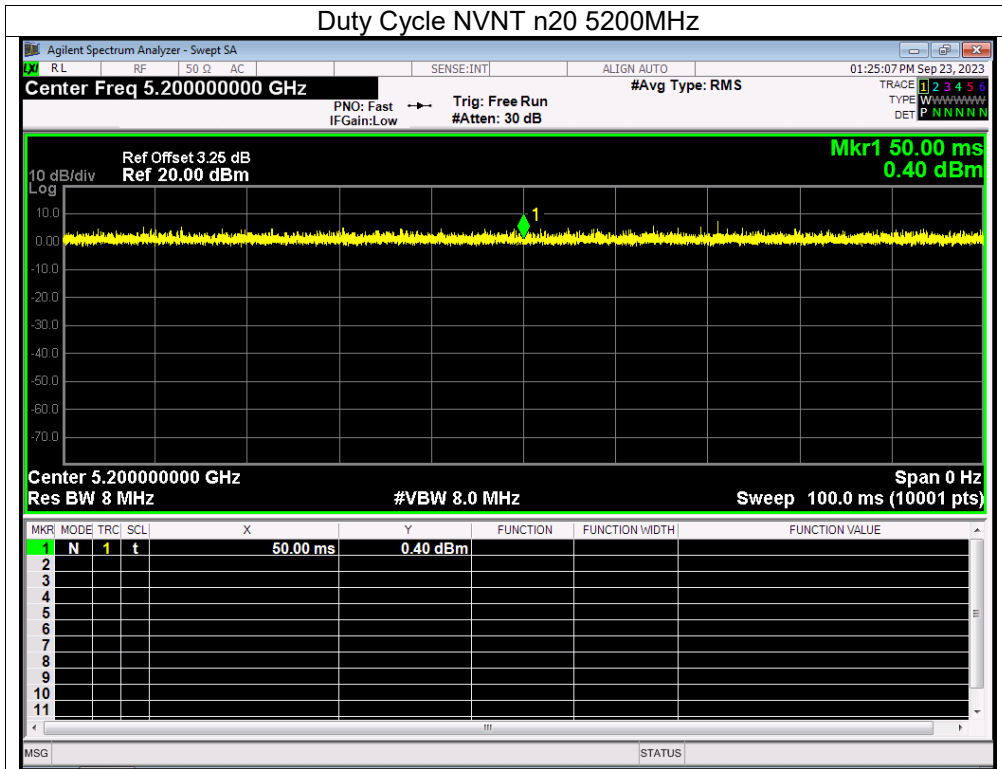
ANT B

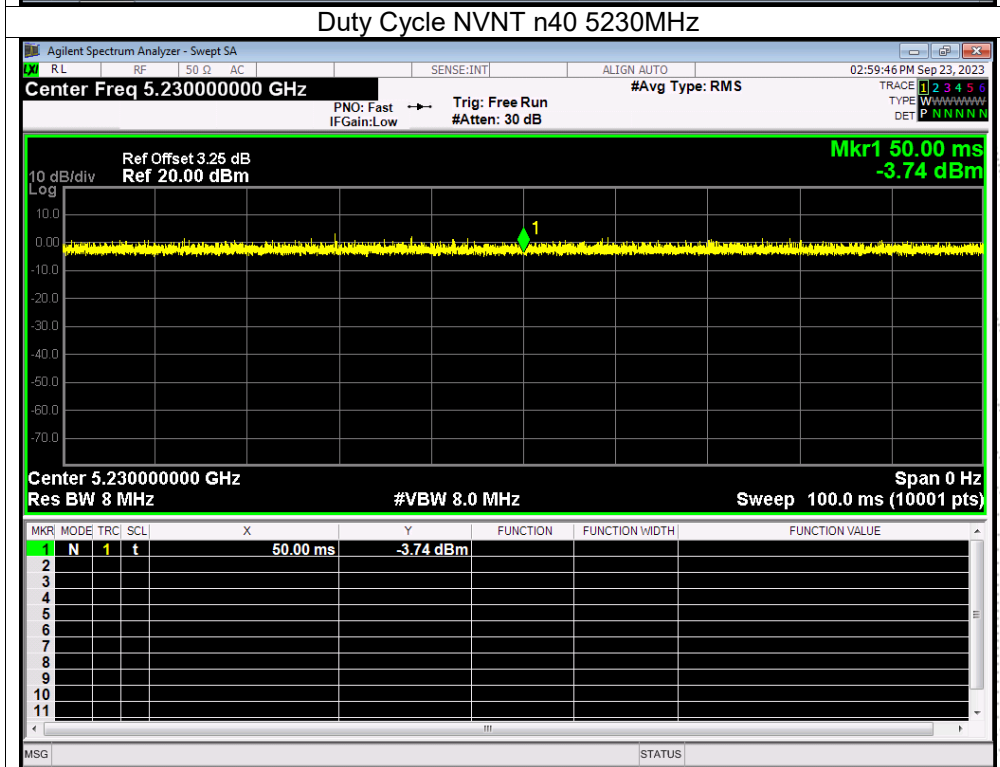
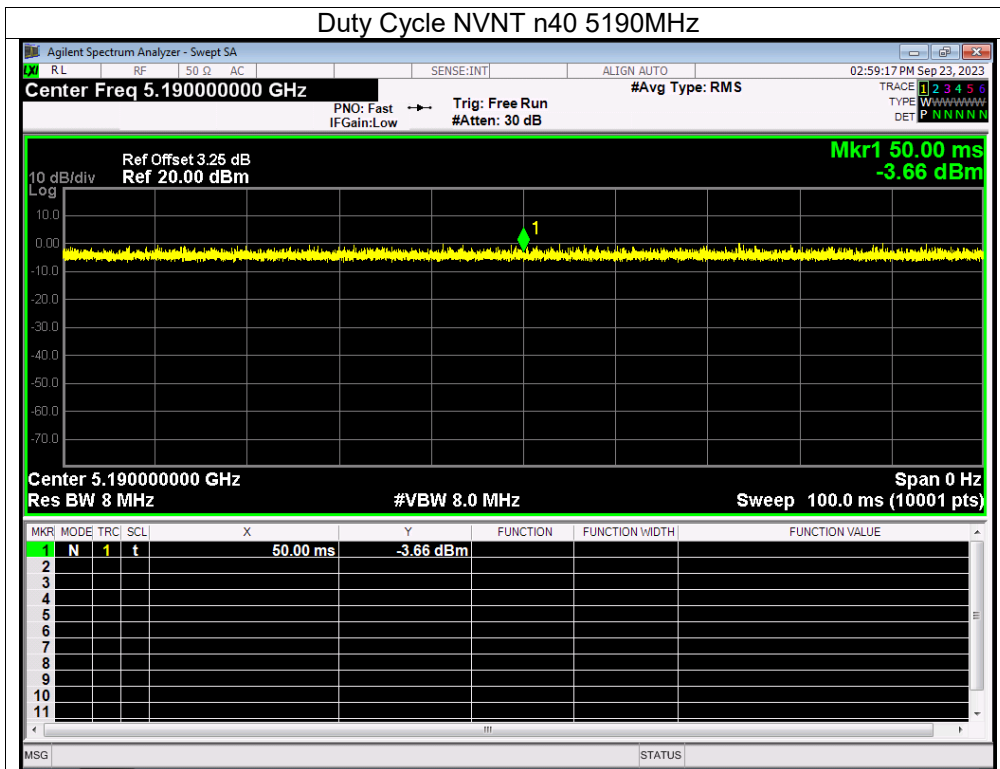
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	100	0	0
NVNT	a	5200	100	0	0
NVNT	a	5240	100	0	0
NVNT	n20	5180	100	0	0
NVNT	n20	5200	100	0	0
NVNT	n20	5240	100	0	0
NVNT	n40	5190	100	0	0
NVNT	n40	5230	100	0	0
NVNT	ac20	5180	100	0	0
NVNT	ac20	5200	100	0	0
NVNT	ac20	5240	100	0	0
NVNT	ac40	5190	100	0	0
NVNT	ac40	5230	100	0	0
NVNT	ac80	5210	100	0	0

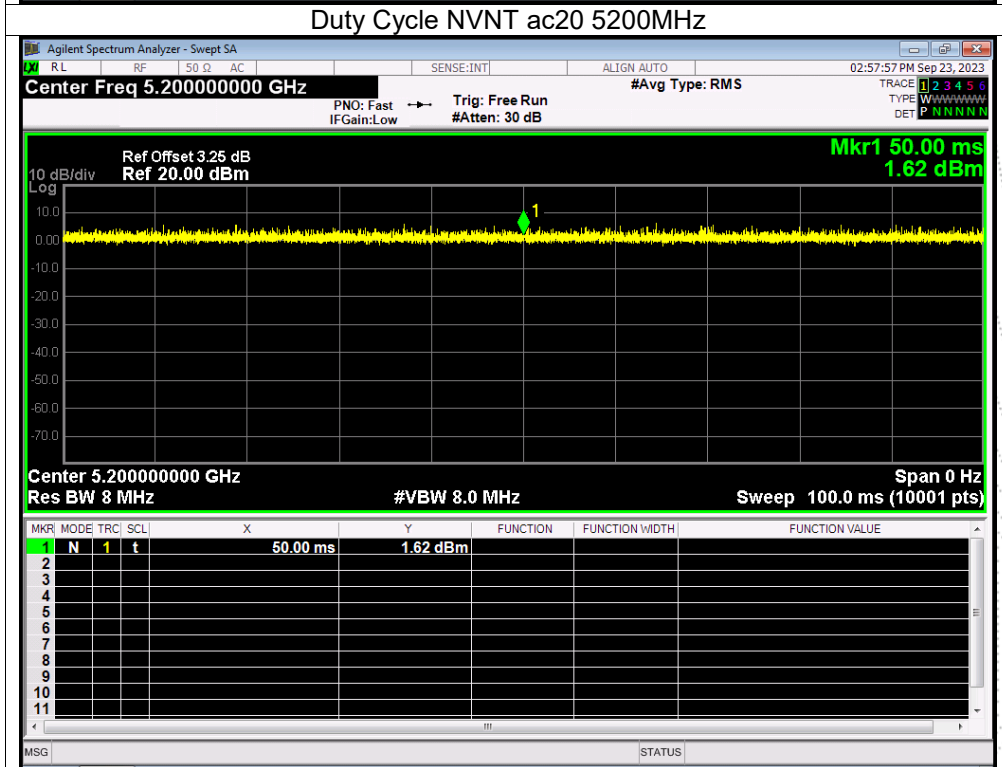
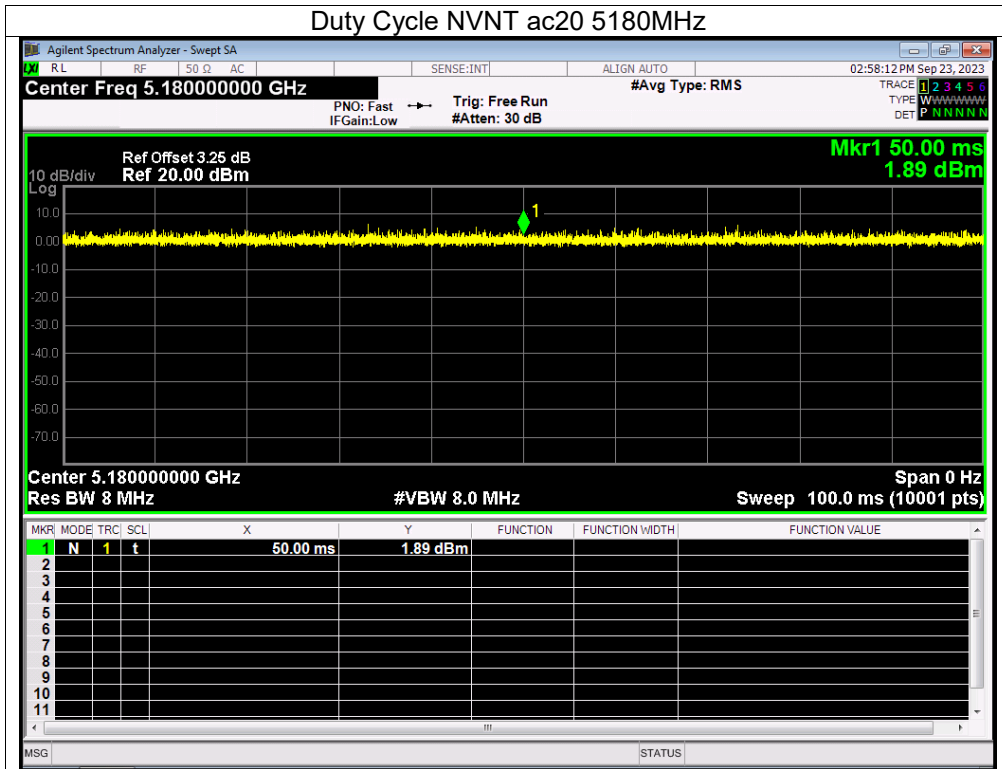
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A . Plot.

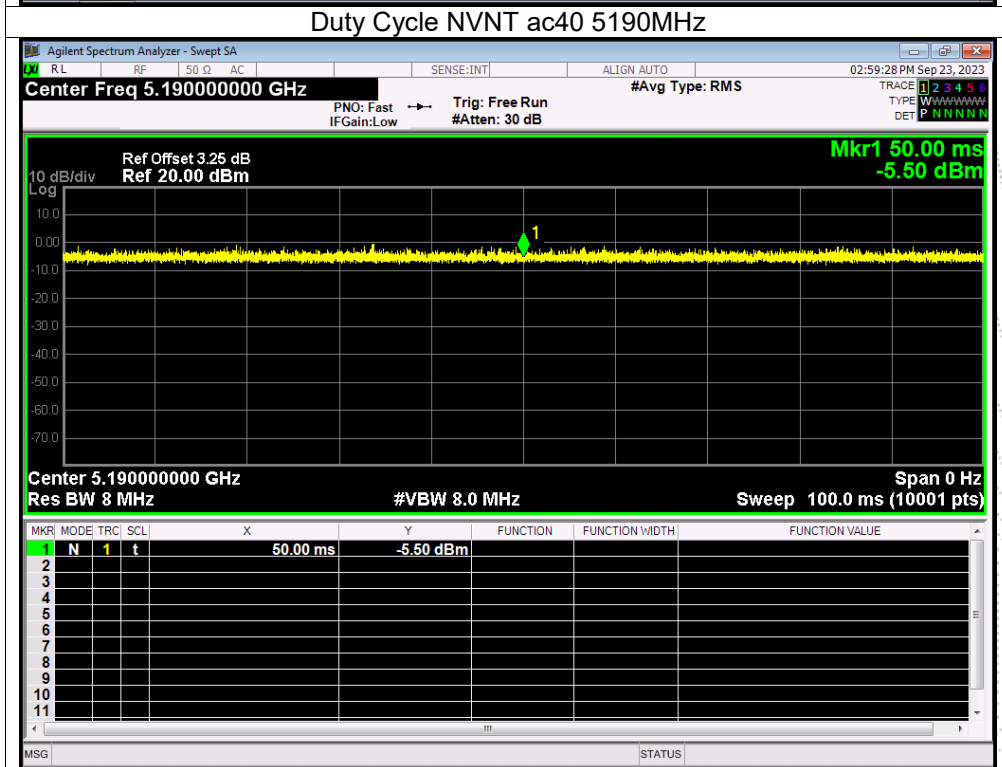
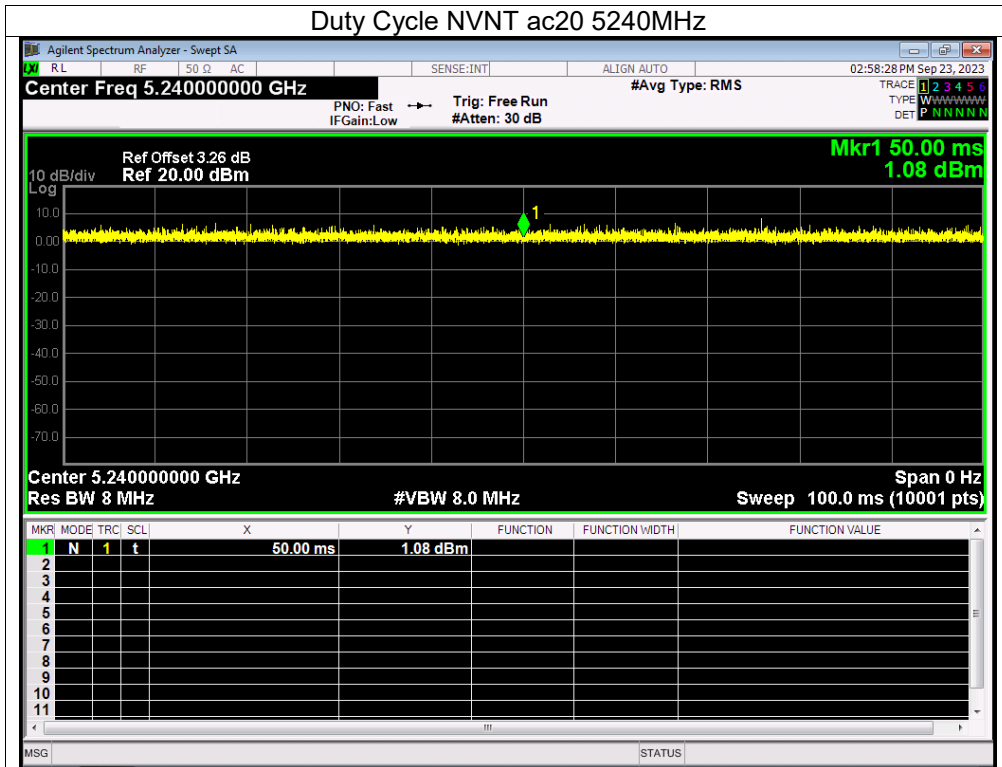


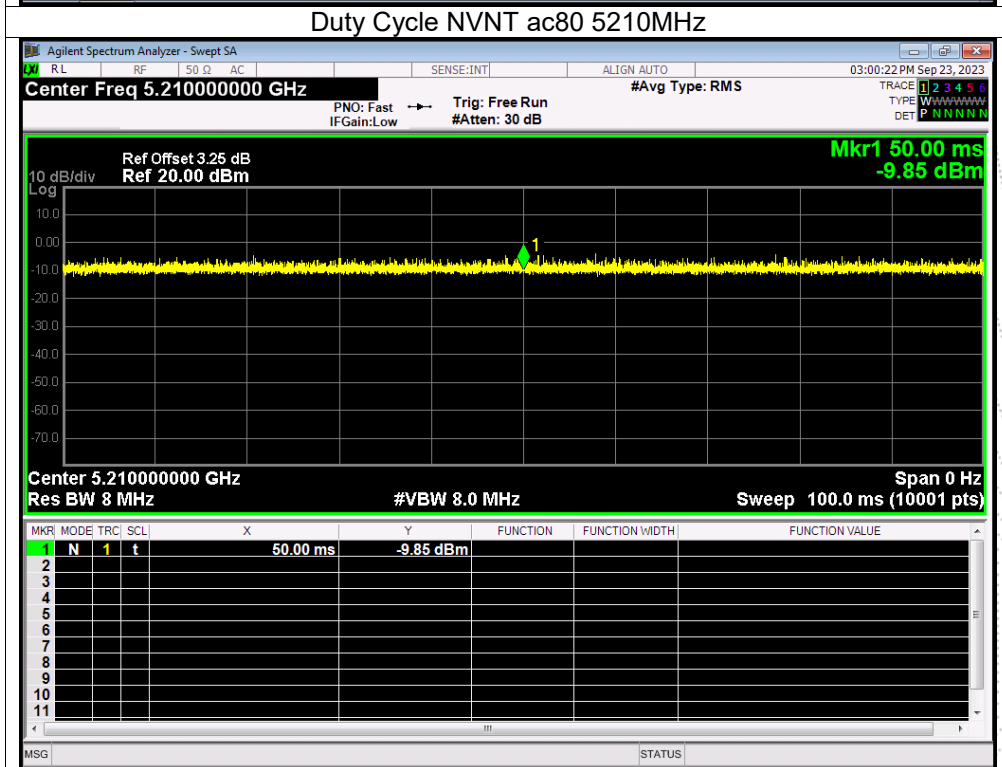
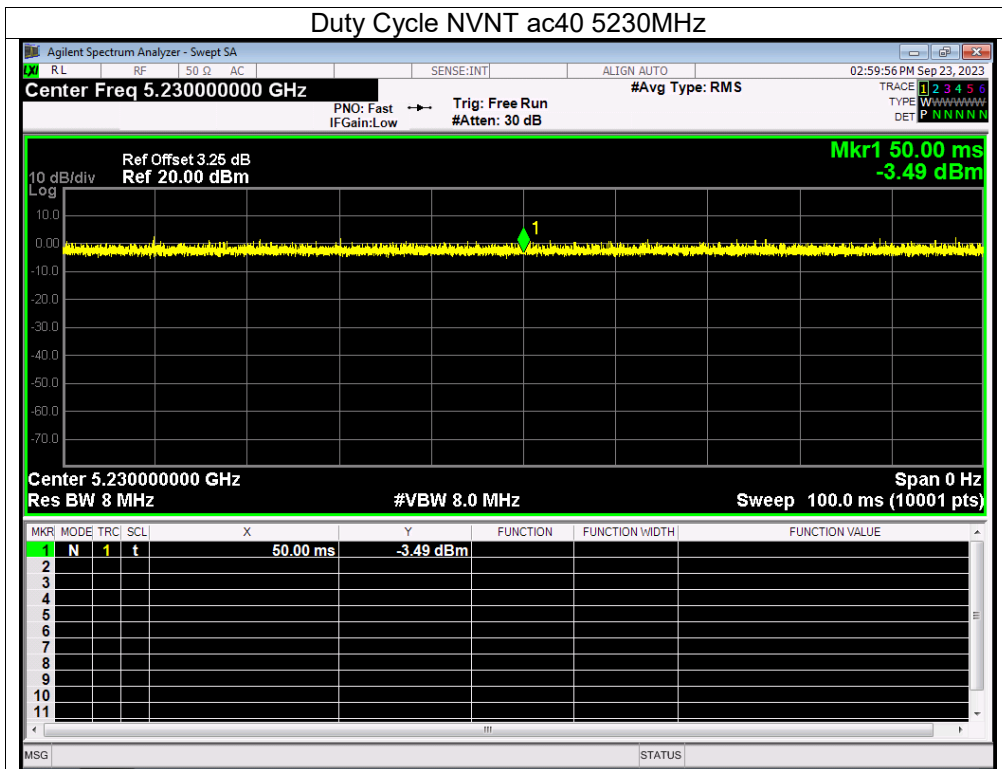












5.3G
 ANT A

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	100	0	0
NVNT	a	5280	100	0	0
NVNT	a	5320	100	0	0
NVNT	n20	5260	100	0	0
NVNT	n20	5280	100	0	0
NVNT	n20	5320	100	0	0
NVNT	n40	5270	100	0	0
NVNT	n40	5310	100	0	0
NVNT	ac20	5260	100	0	0
NVNT	ac20	5280	100	0	0
NVNT	ac20	5320	100	0	0
NVNT	ac40	5270	100	0	0
NVNT	ac40	5310	100	0	0
NVNT	ac80	5290	100	0	0

ANT B

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	100	0	0
NVNT	a	5280	100	0	0
NVNT	a	5320	100	0	0
NVNT	n20	5260	100	0	0
NVNT	n20	5280	100	0	0
NVNT	n20	5320	100	0	0
NVNT	n40	5270	100	0	0
NVNT	n40	5310	100	0	0
NVNT	ac20	5260	100	0	0
NVNT	ac20	5280	100	0	0
NVNT	ac20	5320	100	0	0
NVNT	ac40	5270	100	0	0
NVNT	ac40	5310	100	0	0
NVNT	ac80	5290	100	0	0

Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A. Plot.

