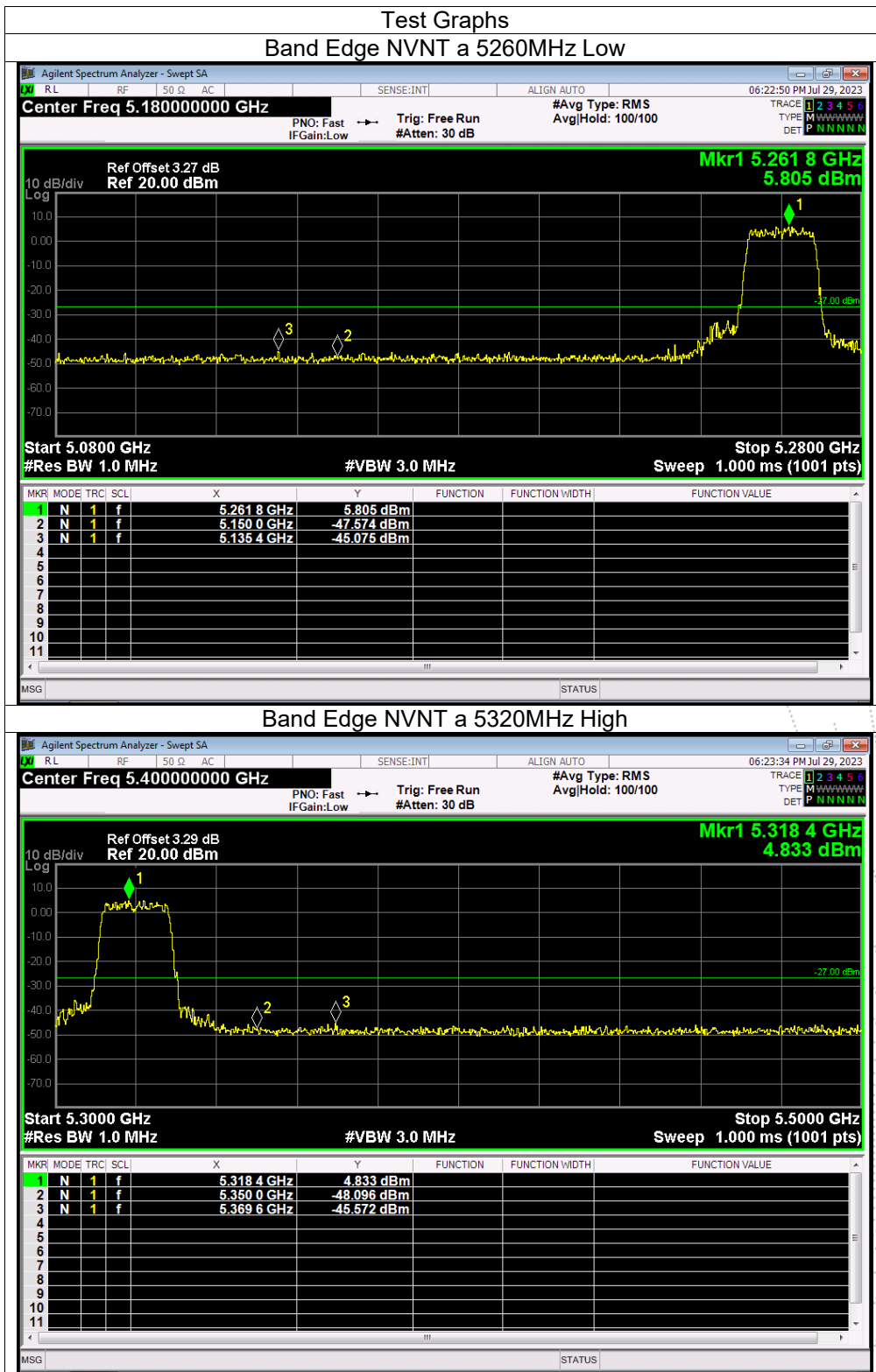
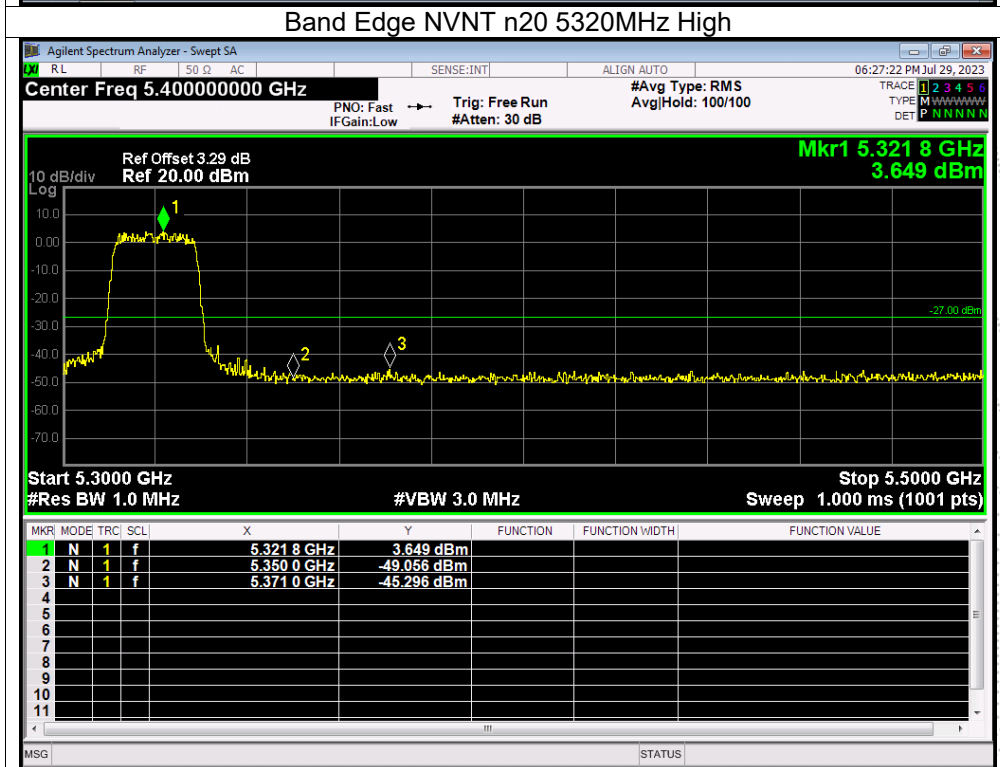
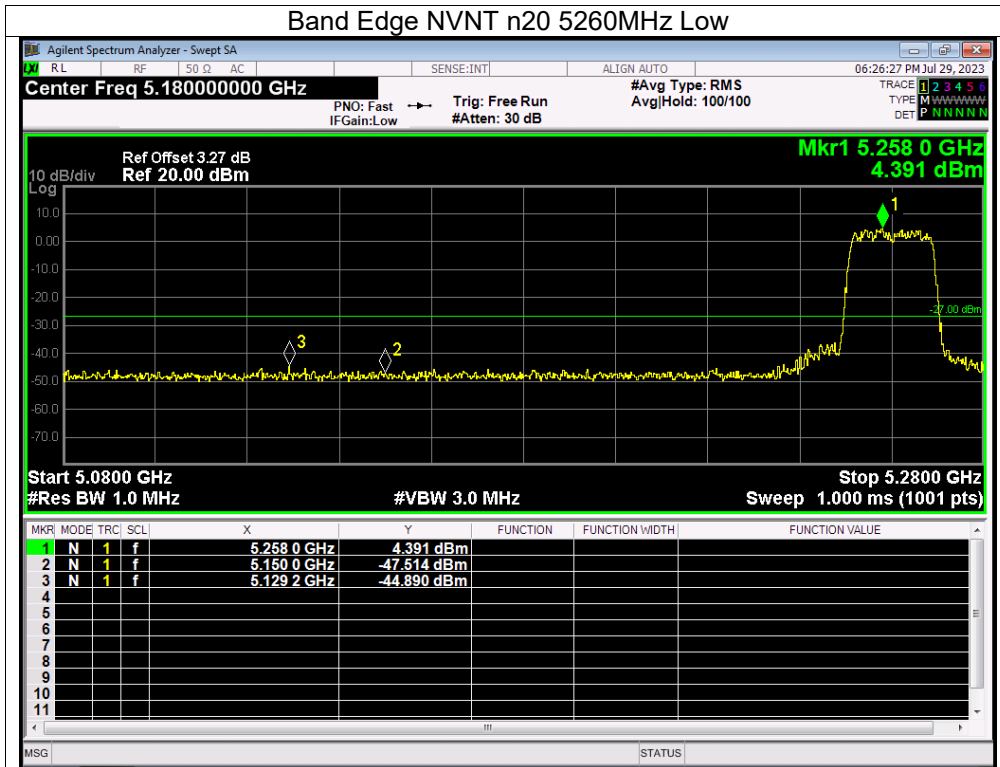
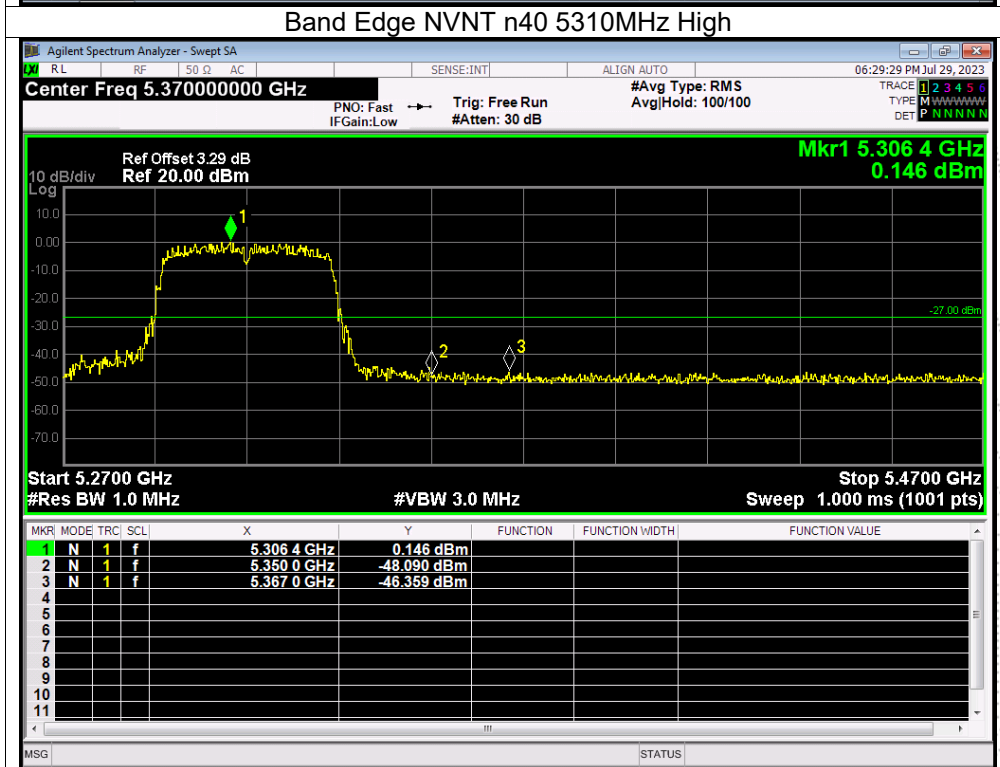
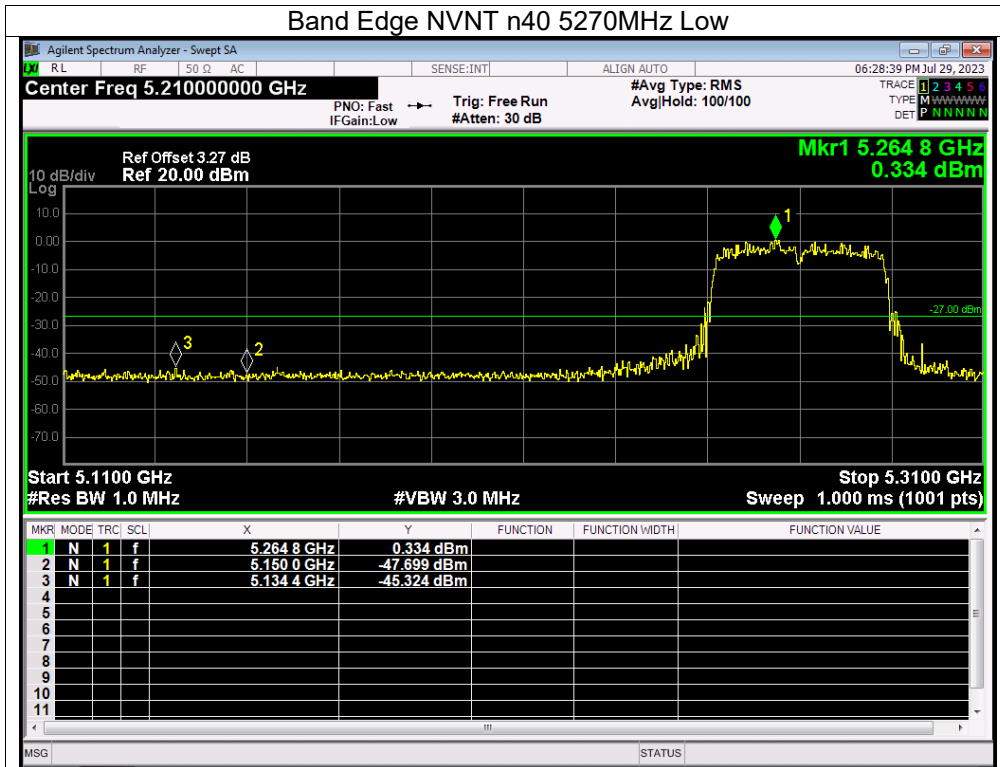
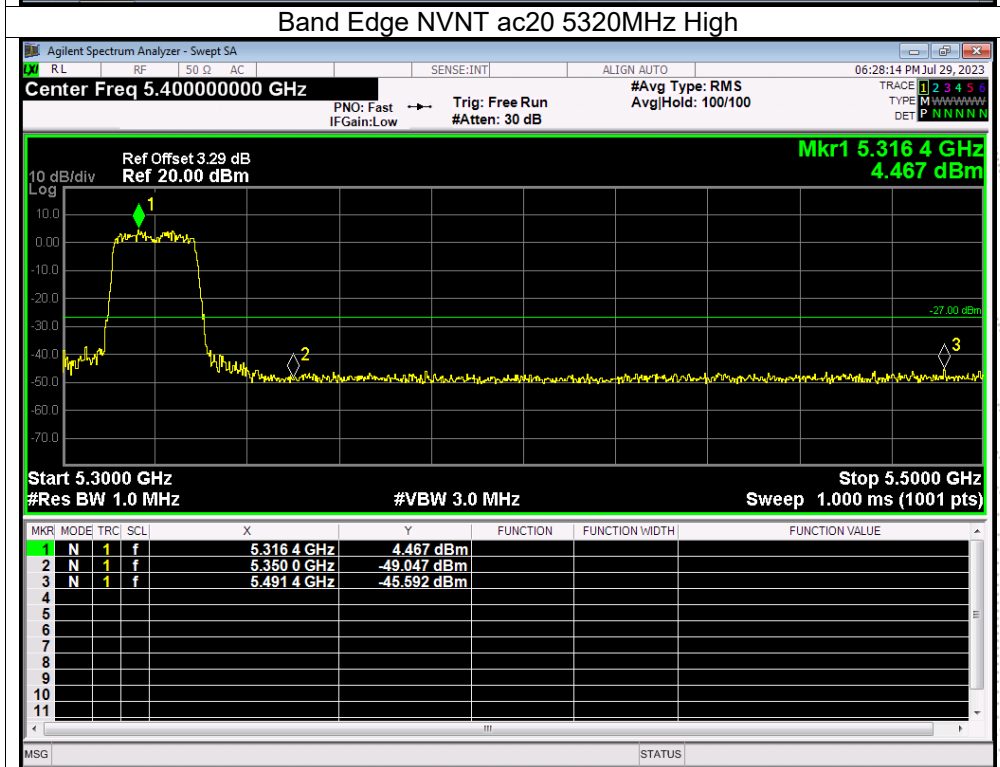
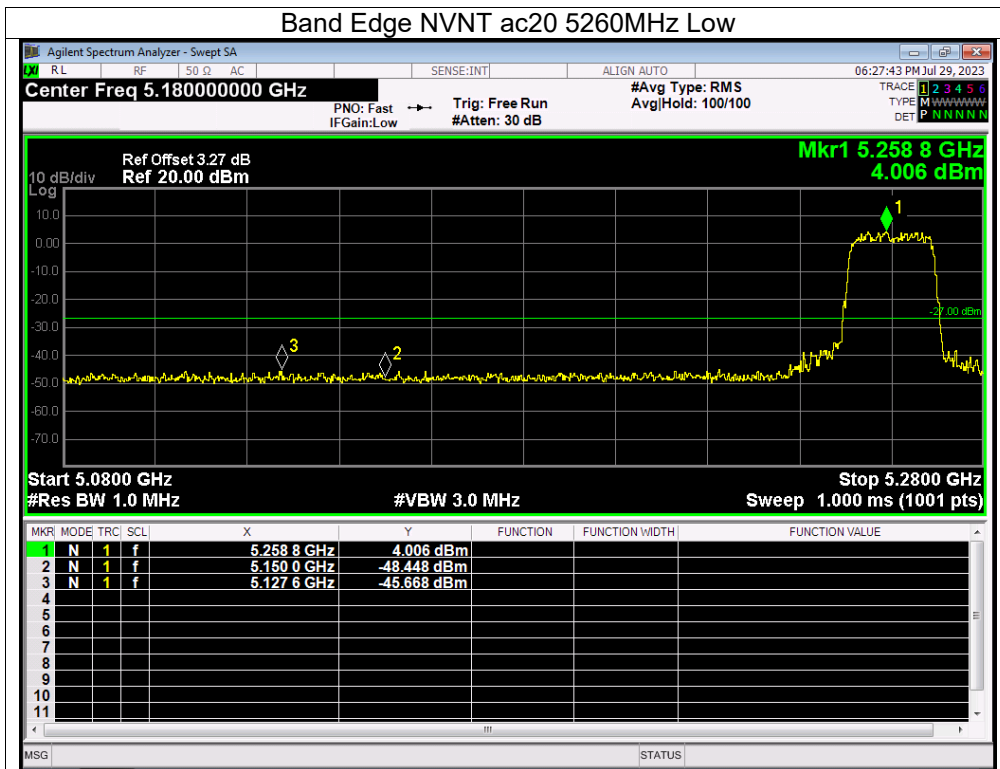


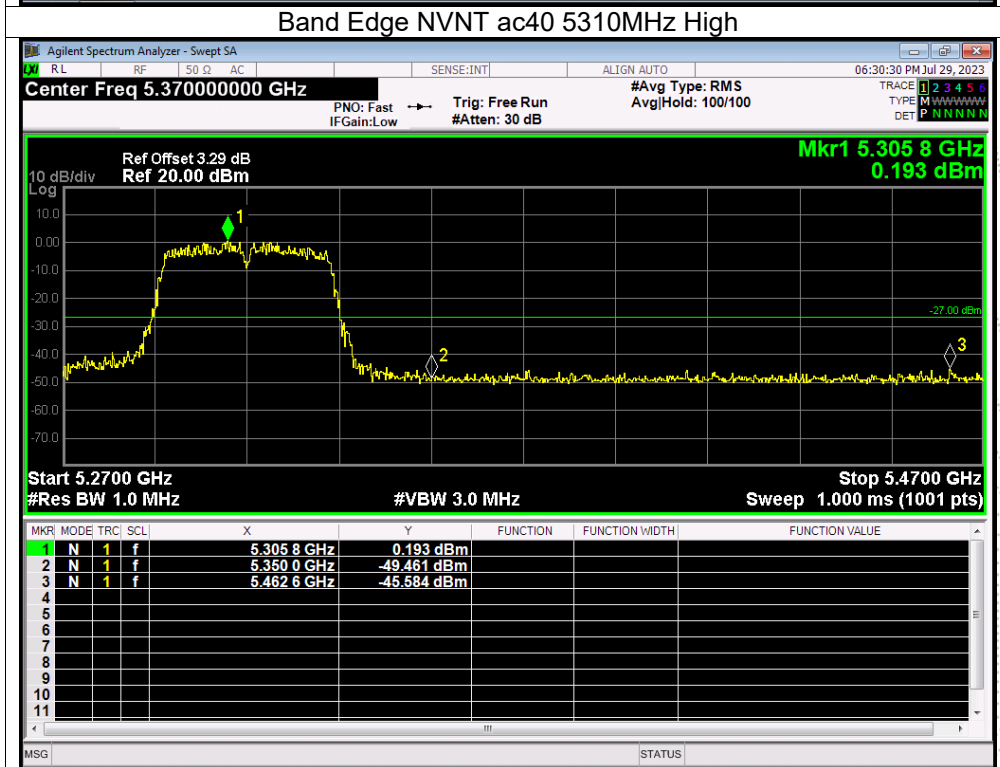
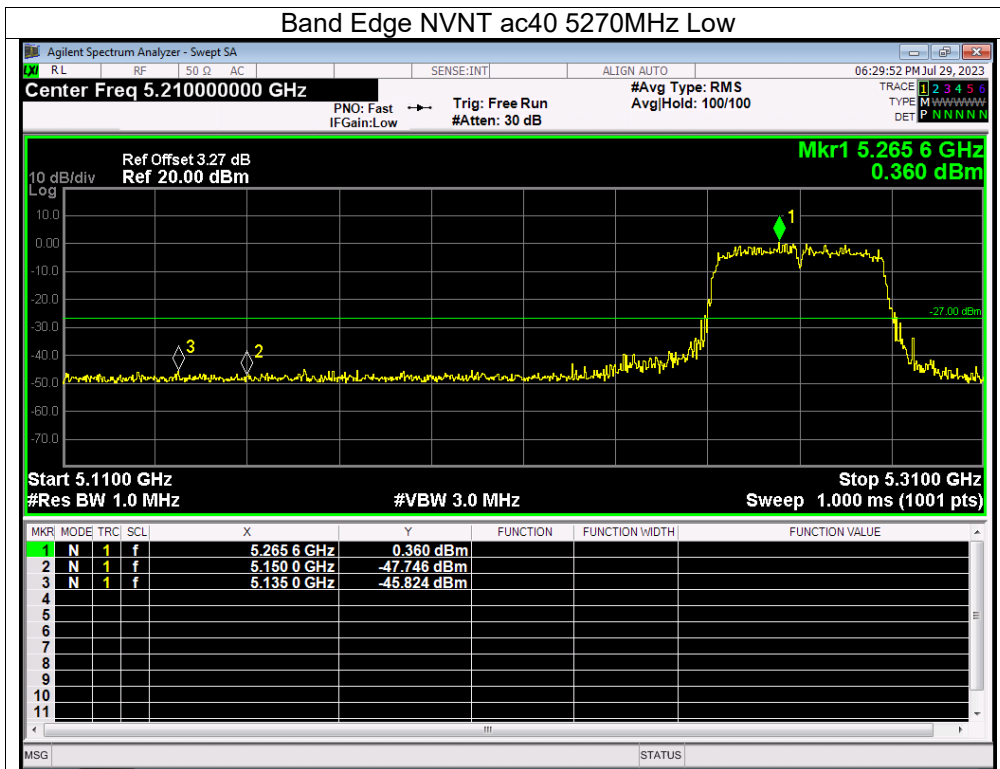
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5260-5230MHz

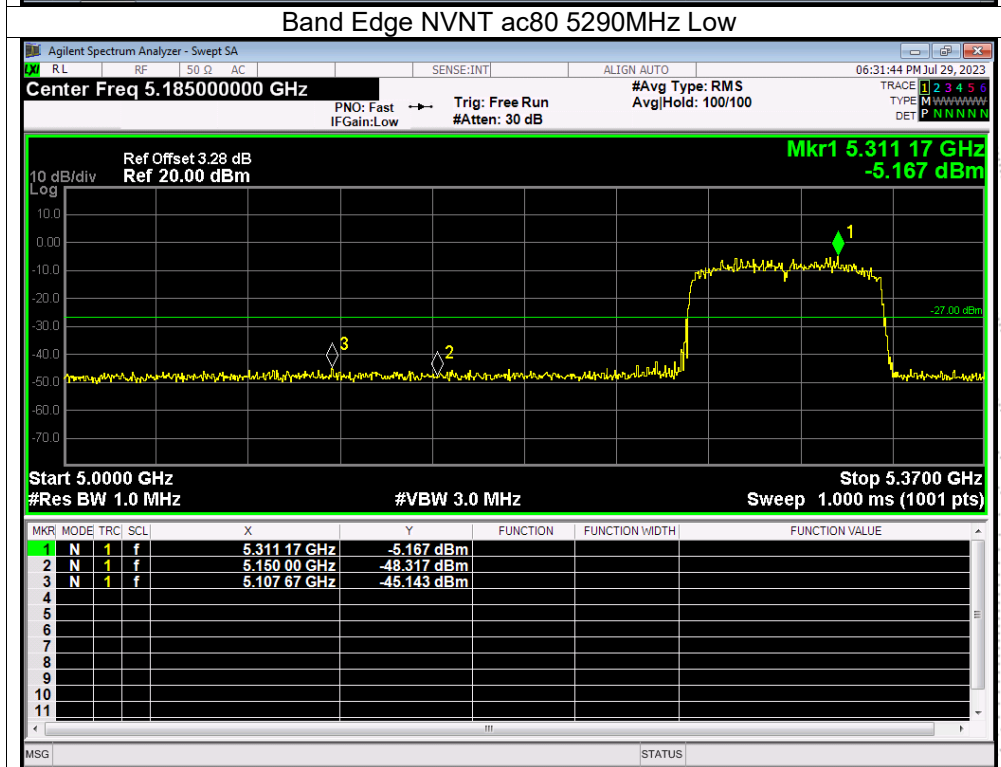
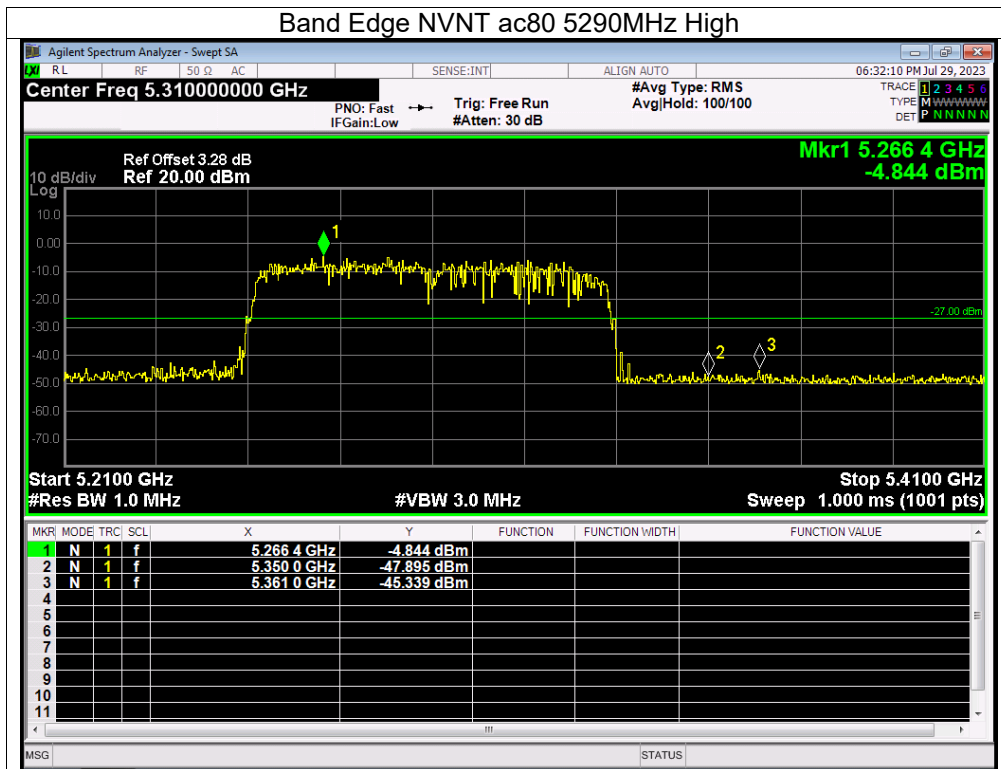




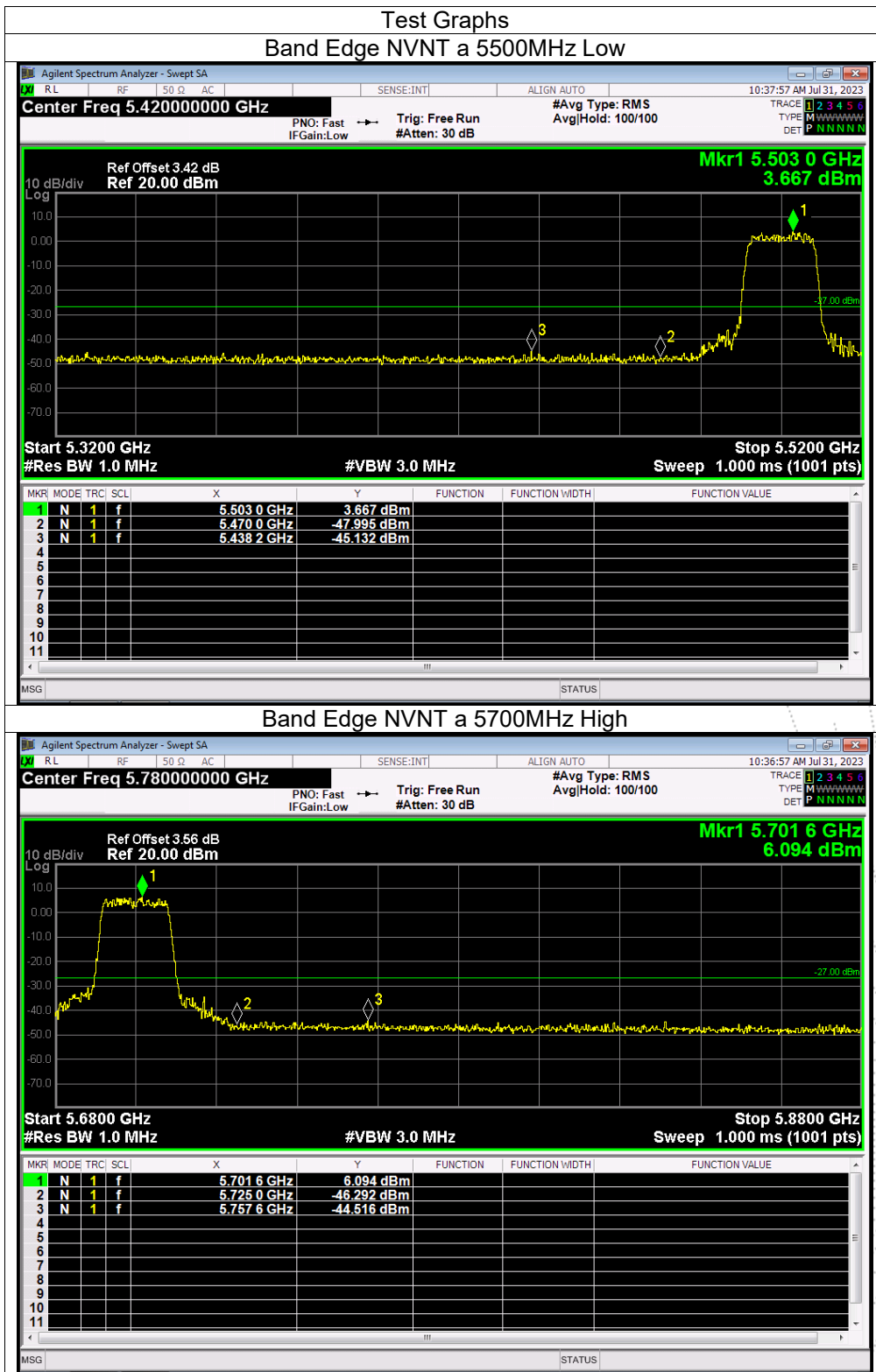


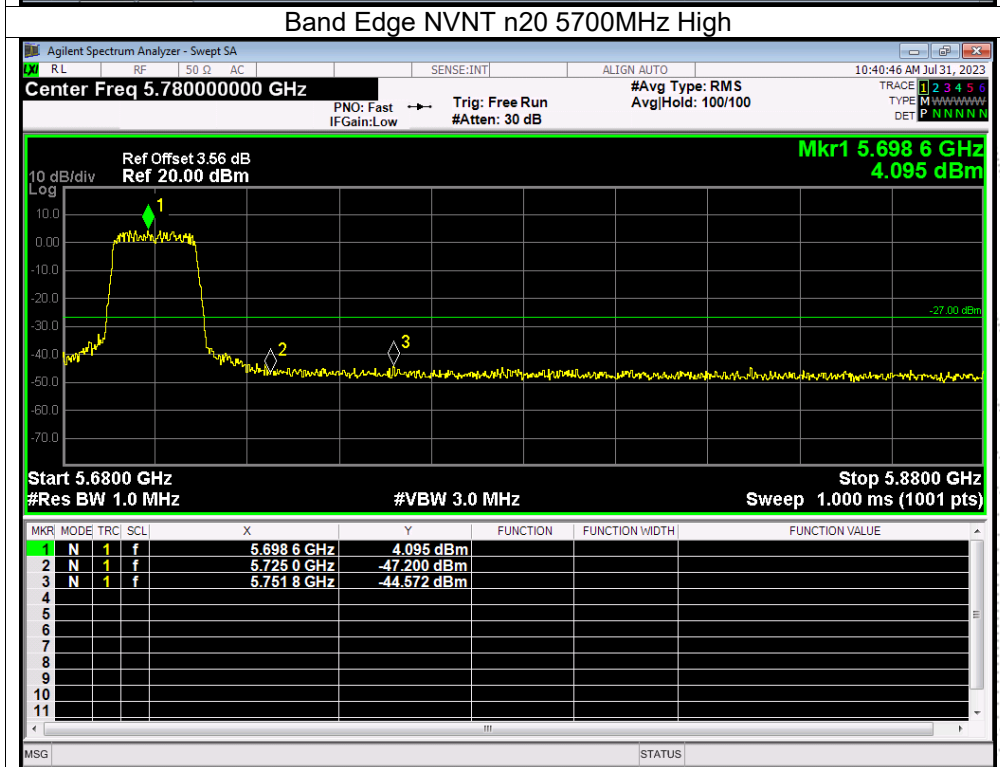
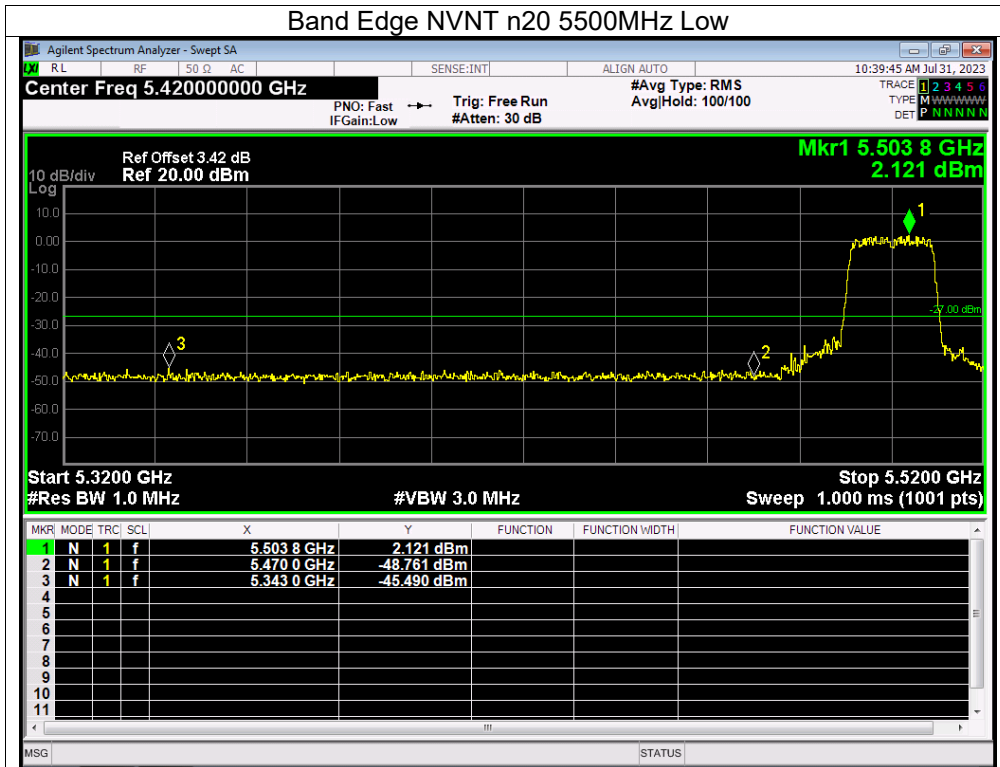


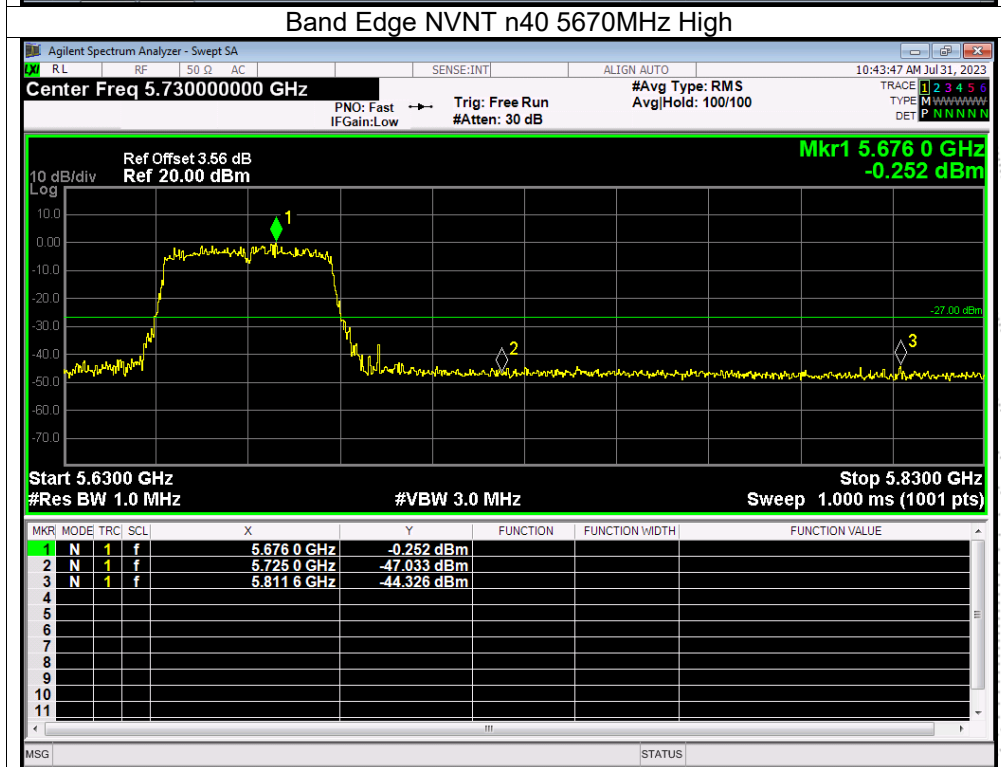
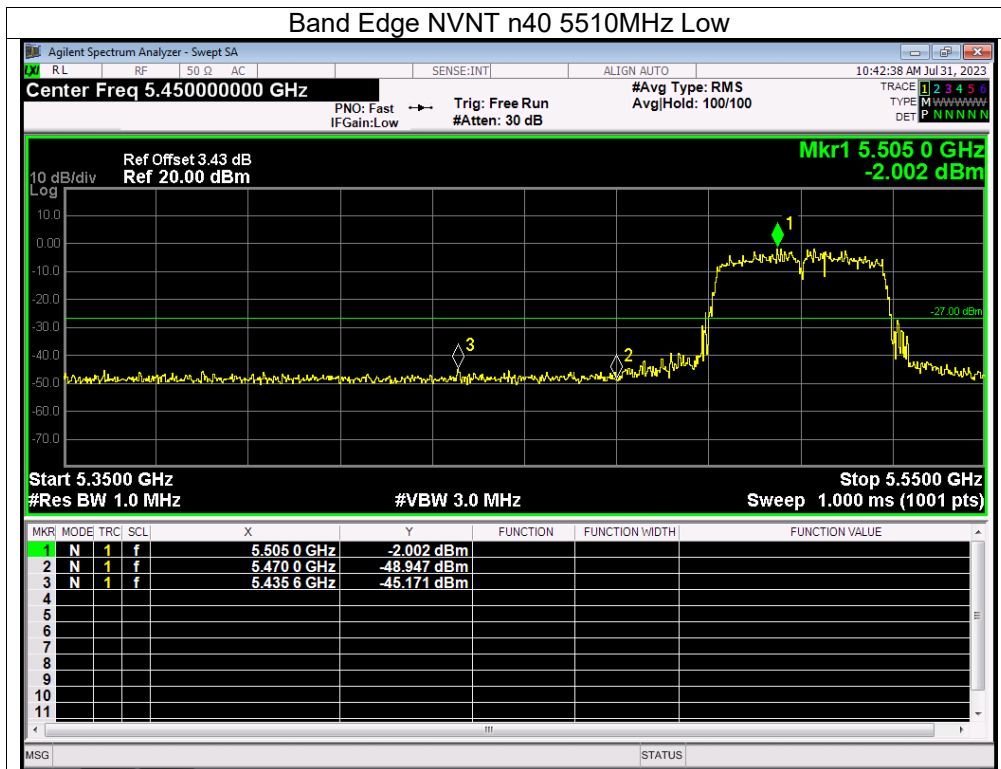


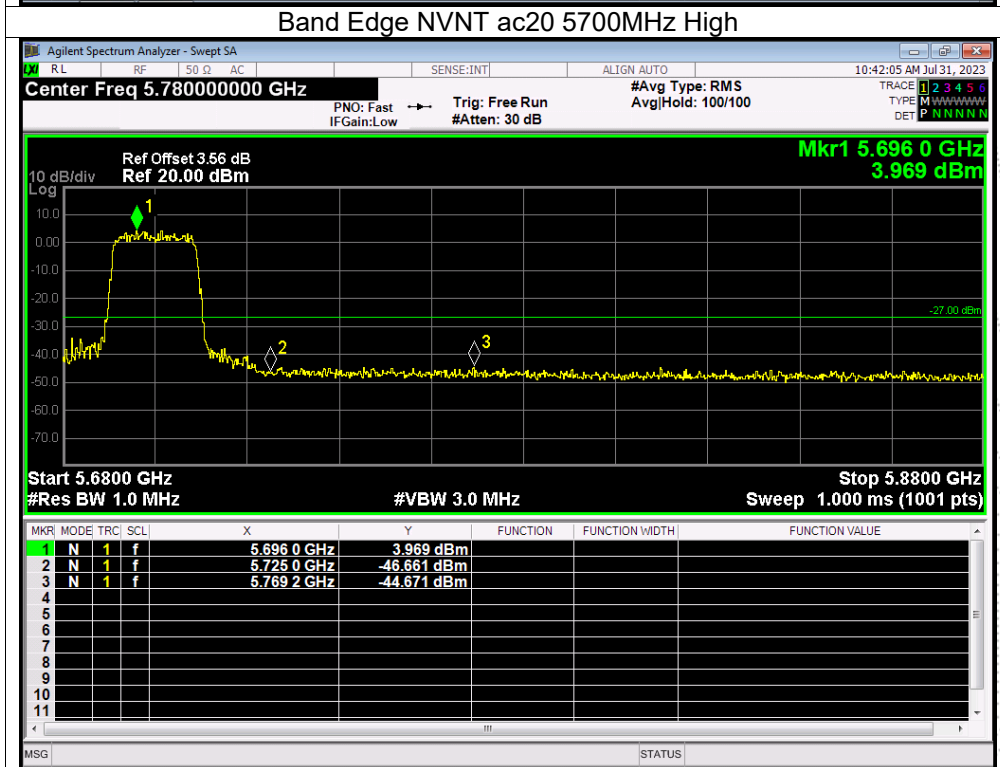
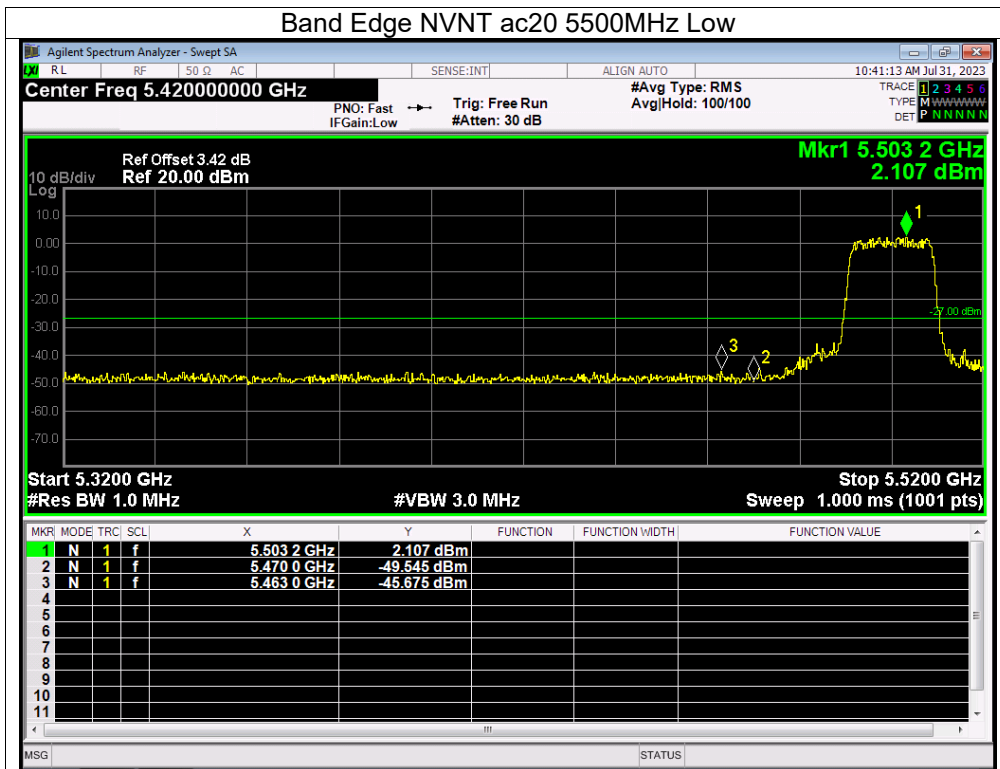


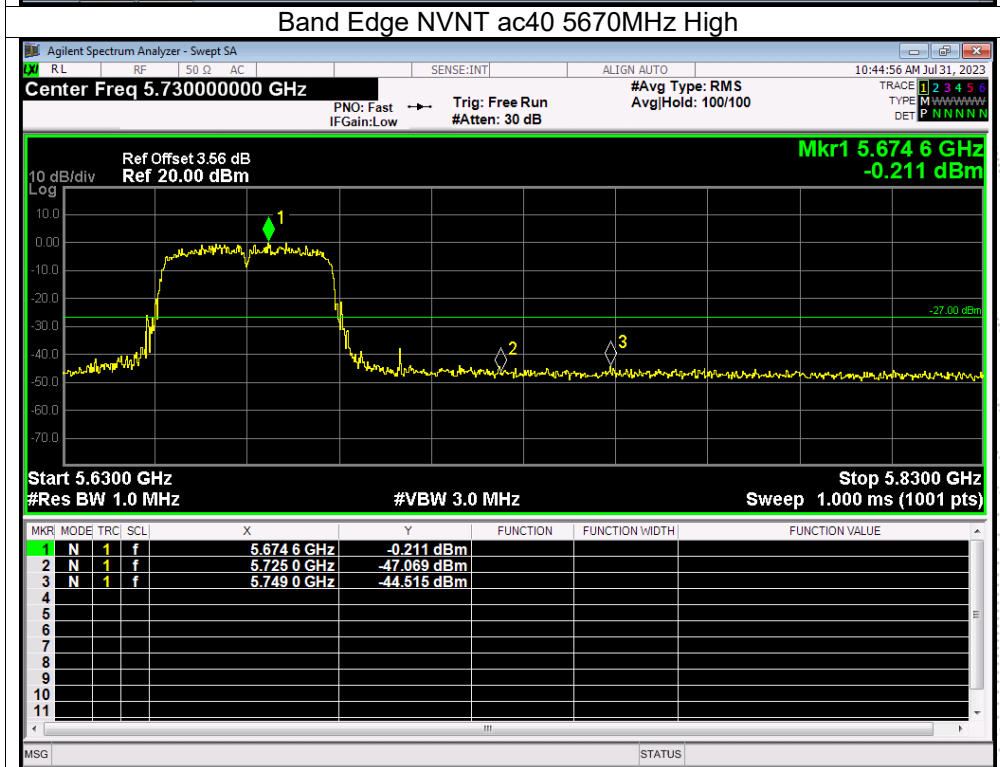
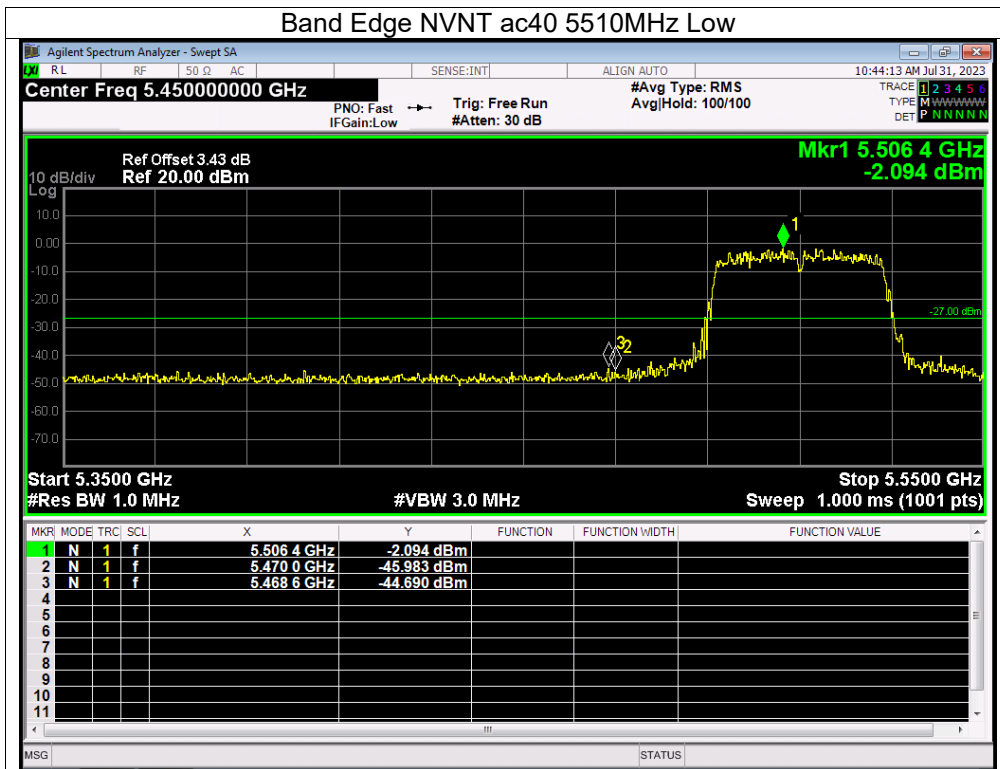
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B.
 Antenna A: 5500-5700MHz

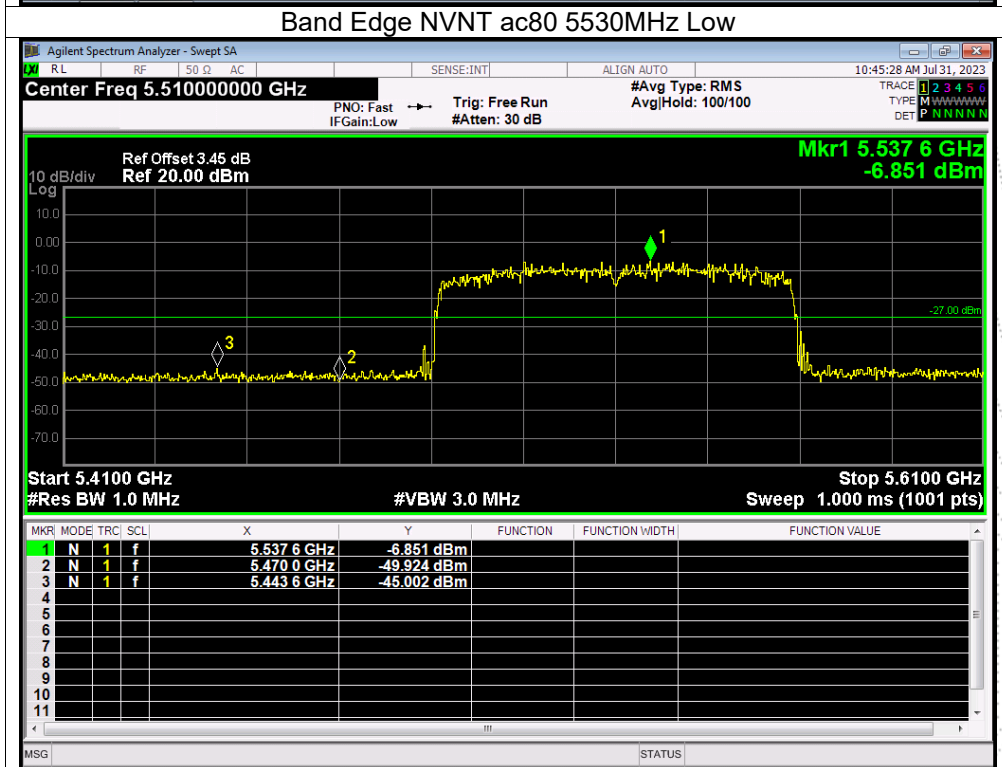
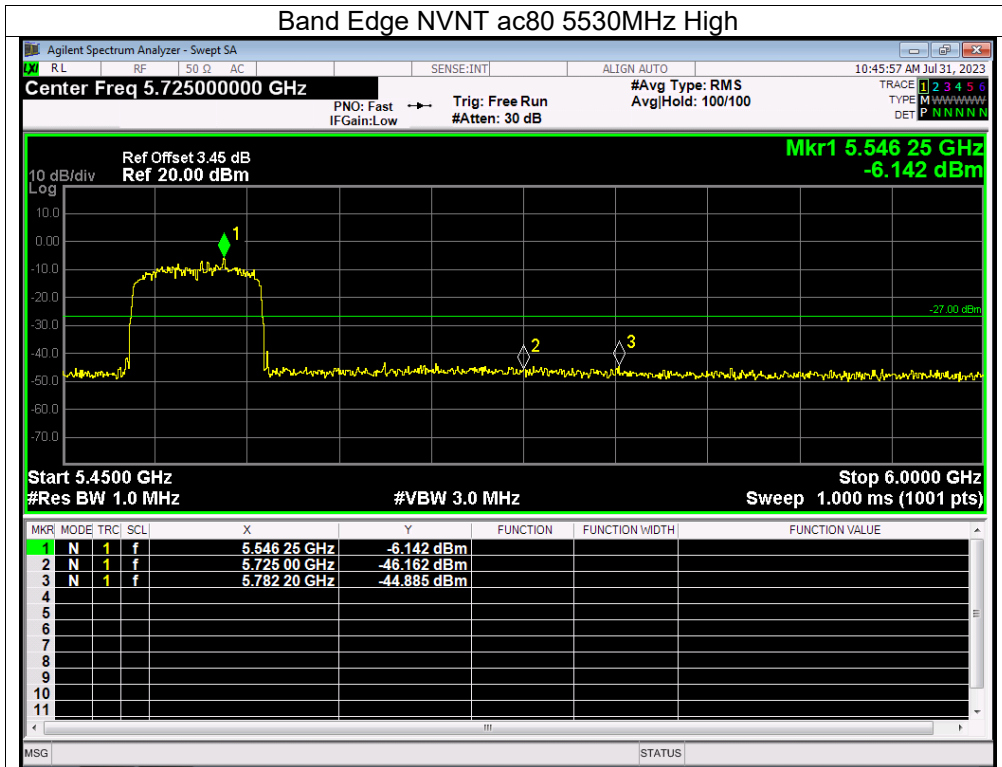




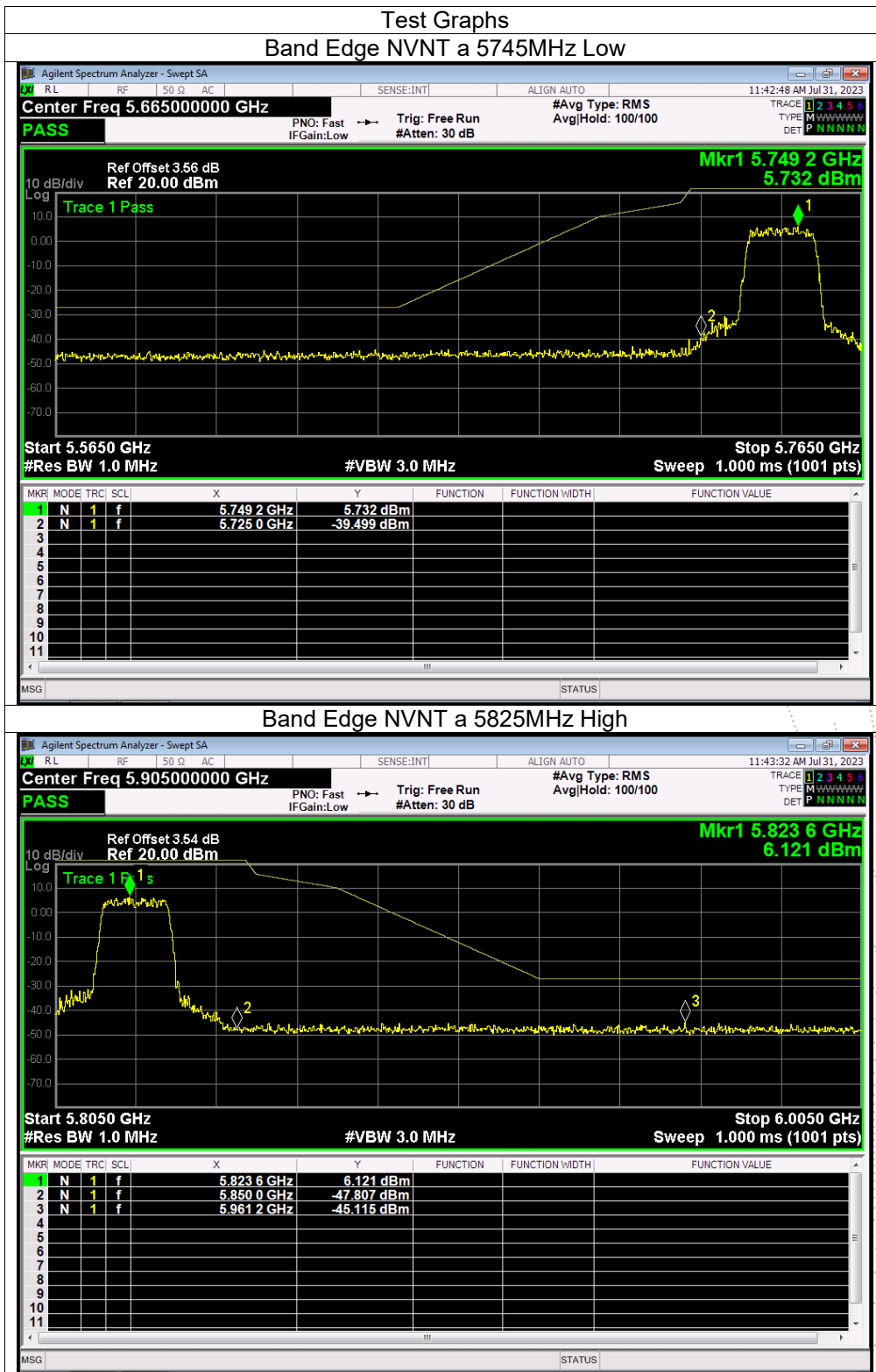


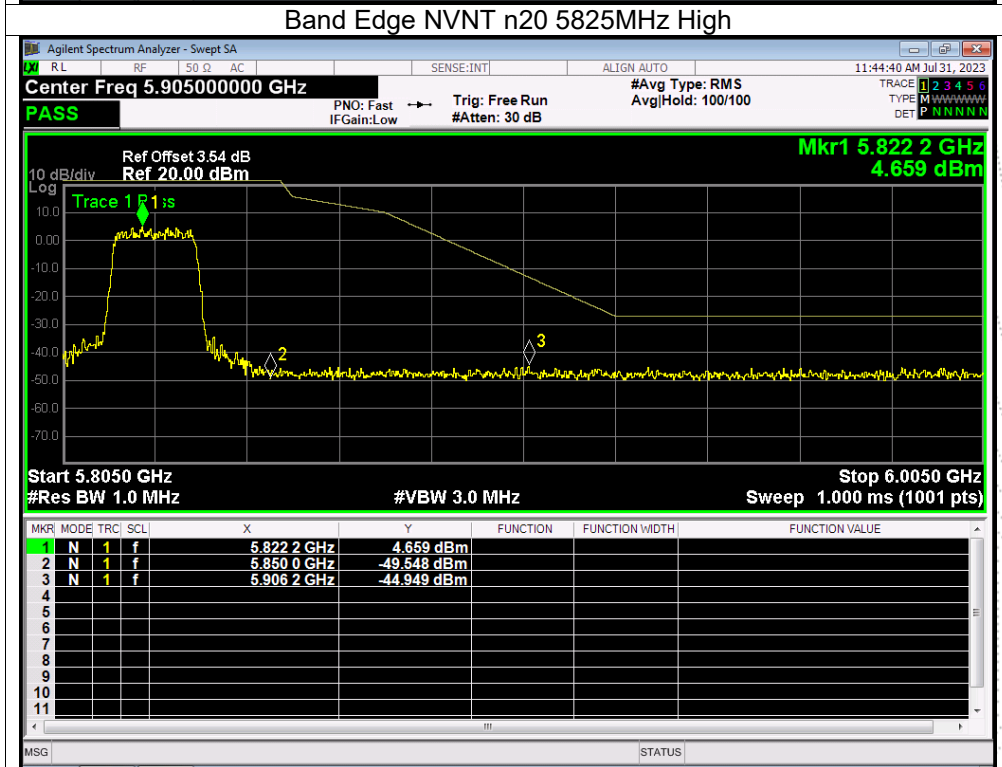
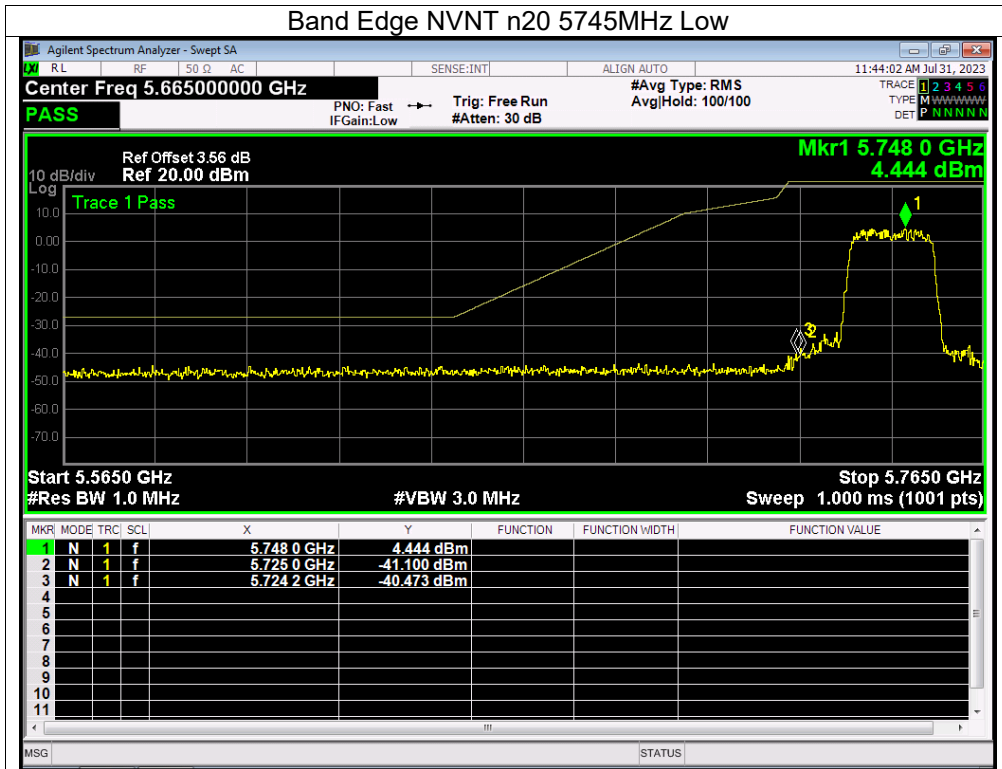


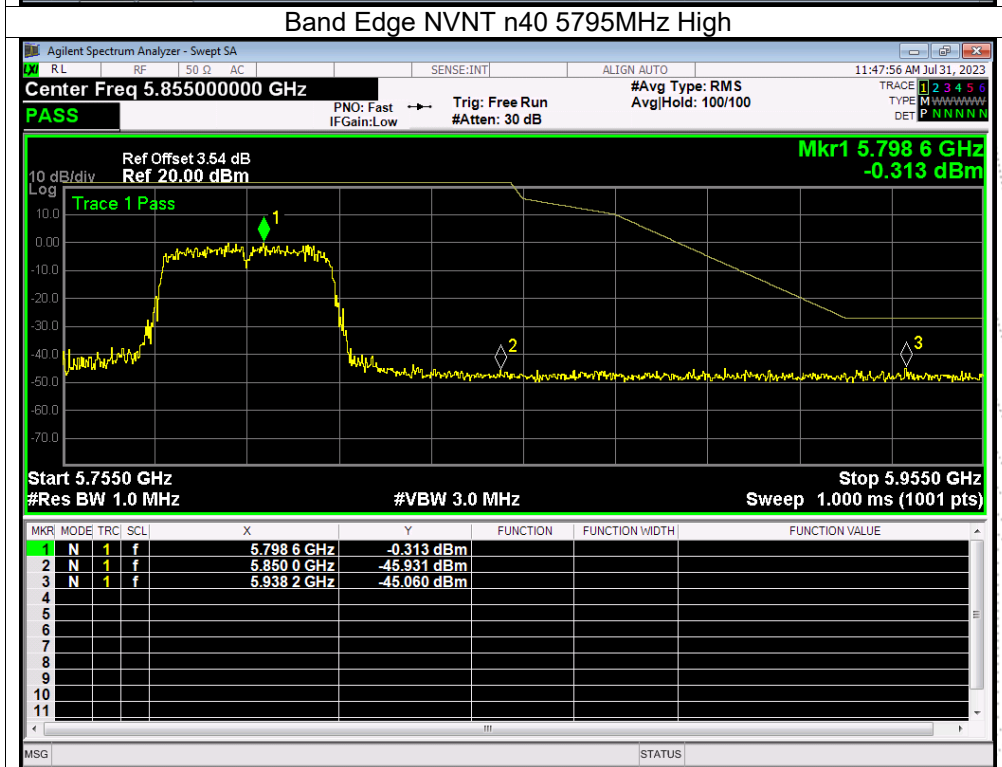
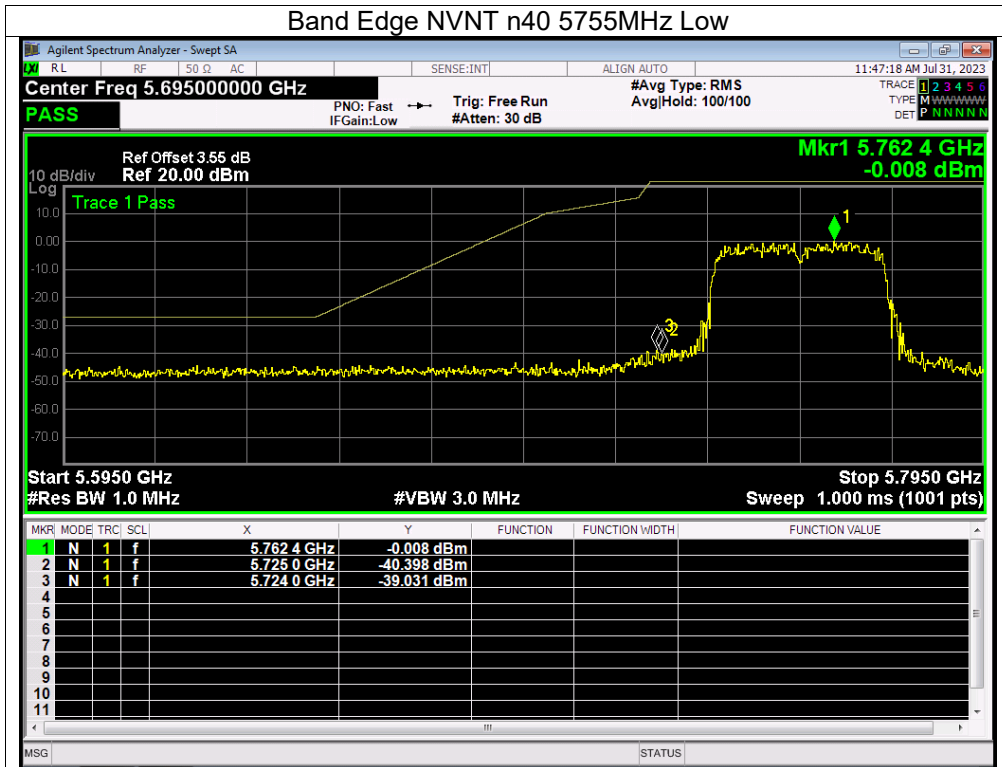


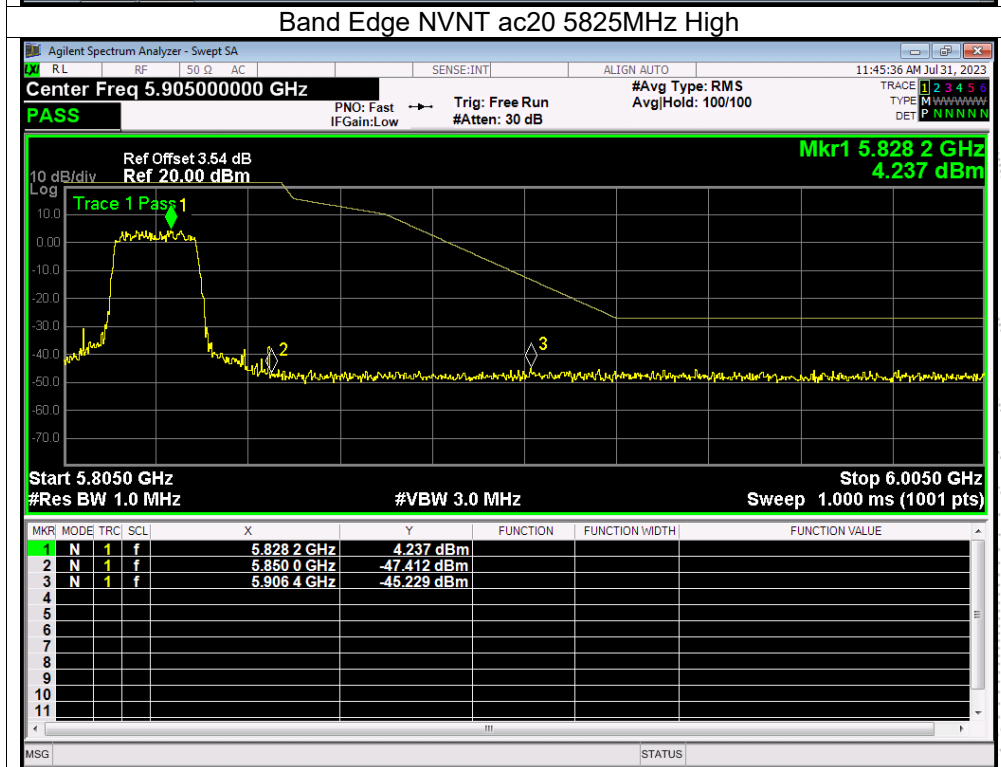
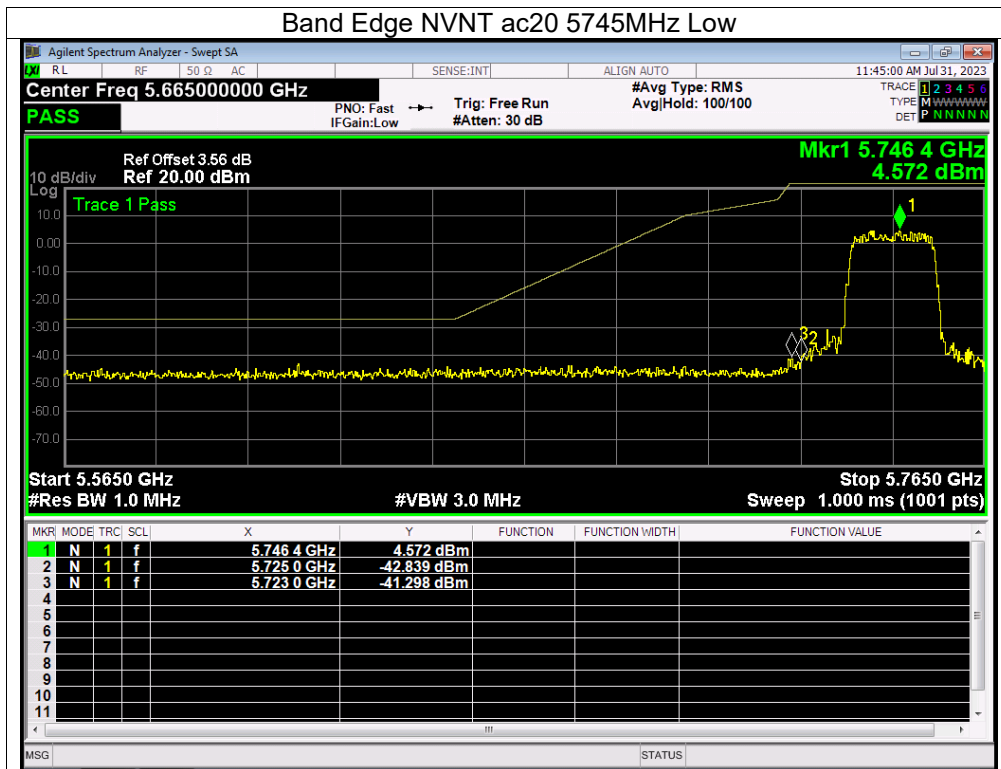


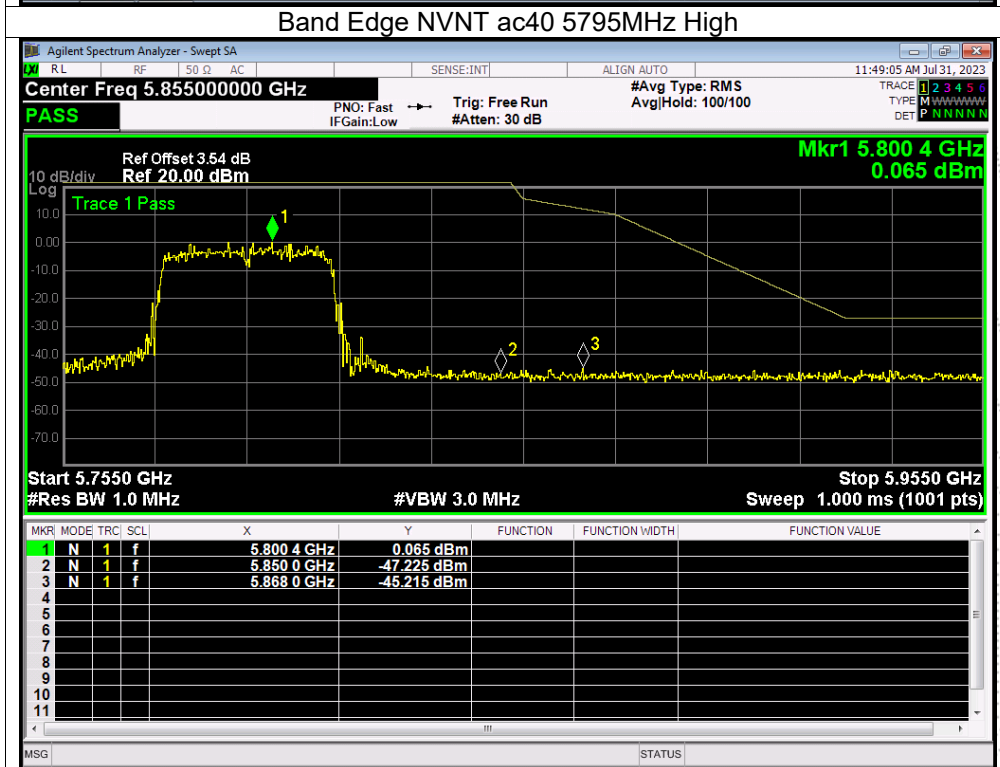
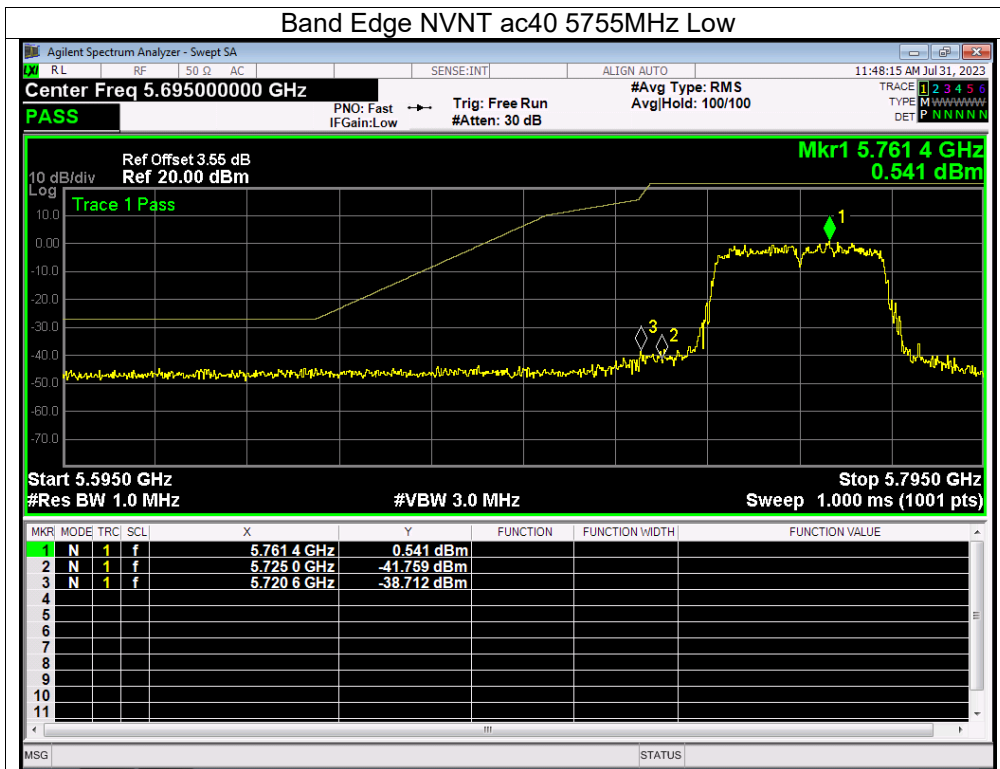
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5745-5825MHz

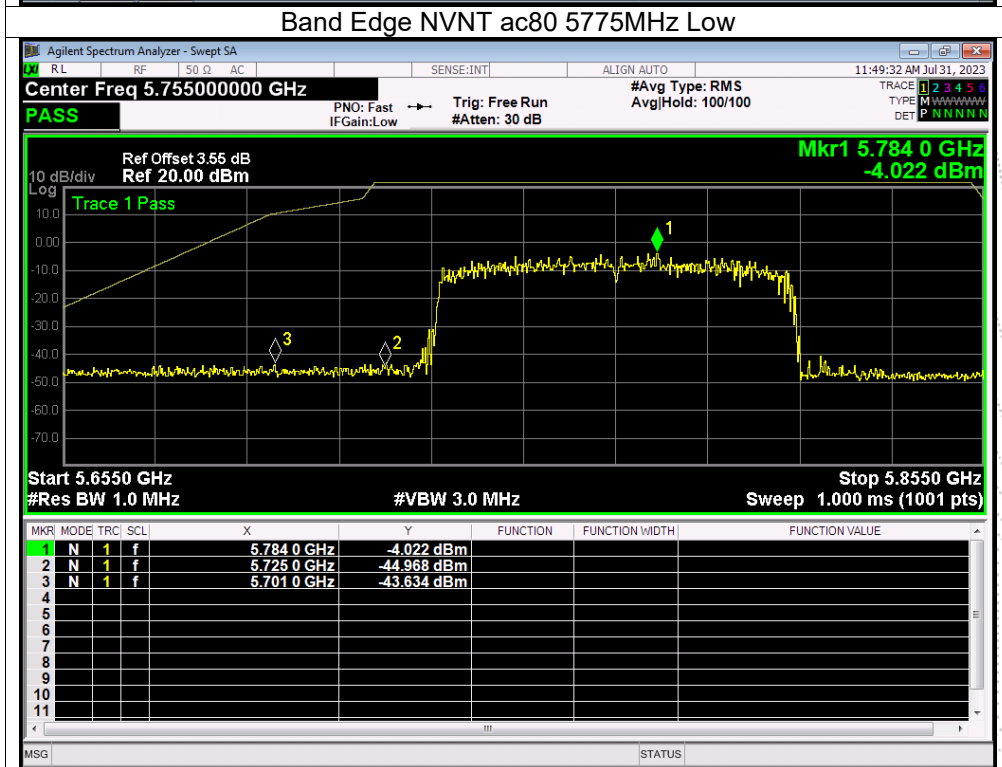
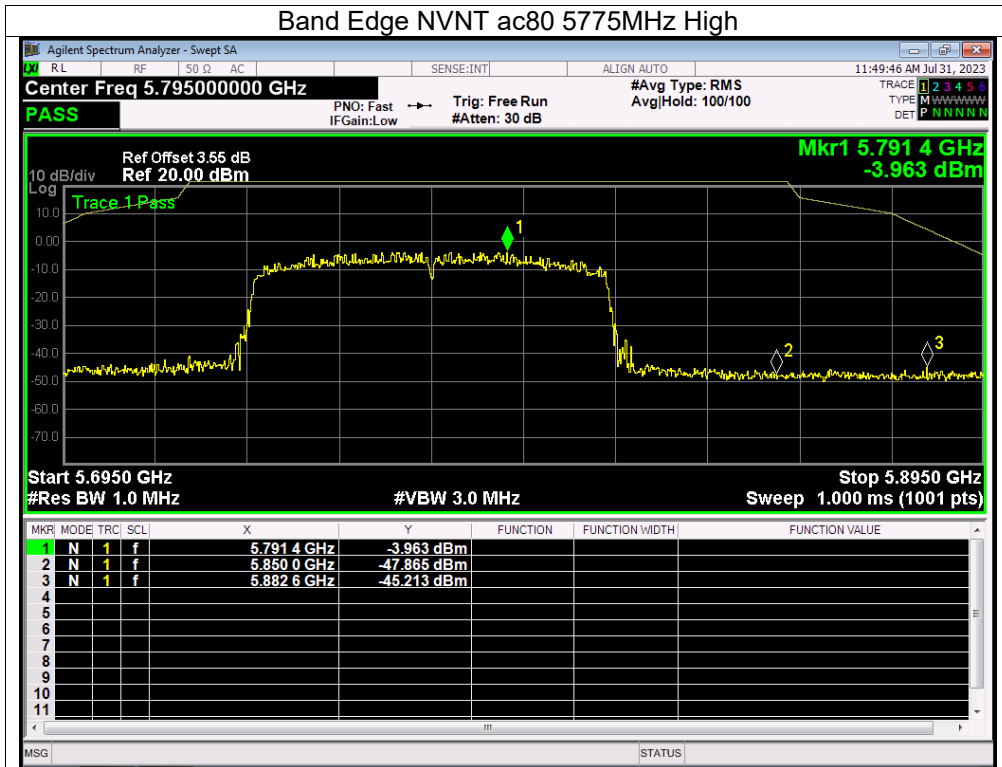












12. Spurious RF Conducted Emissions

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

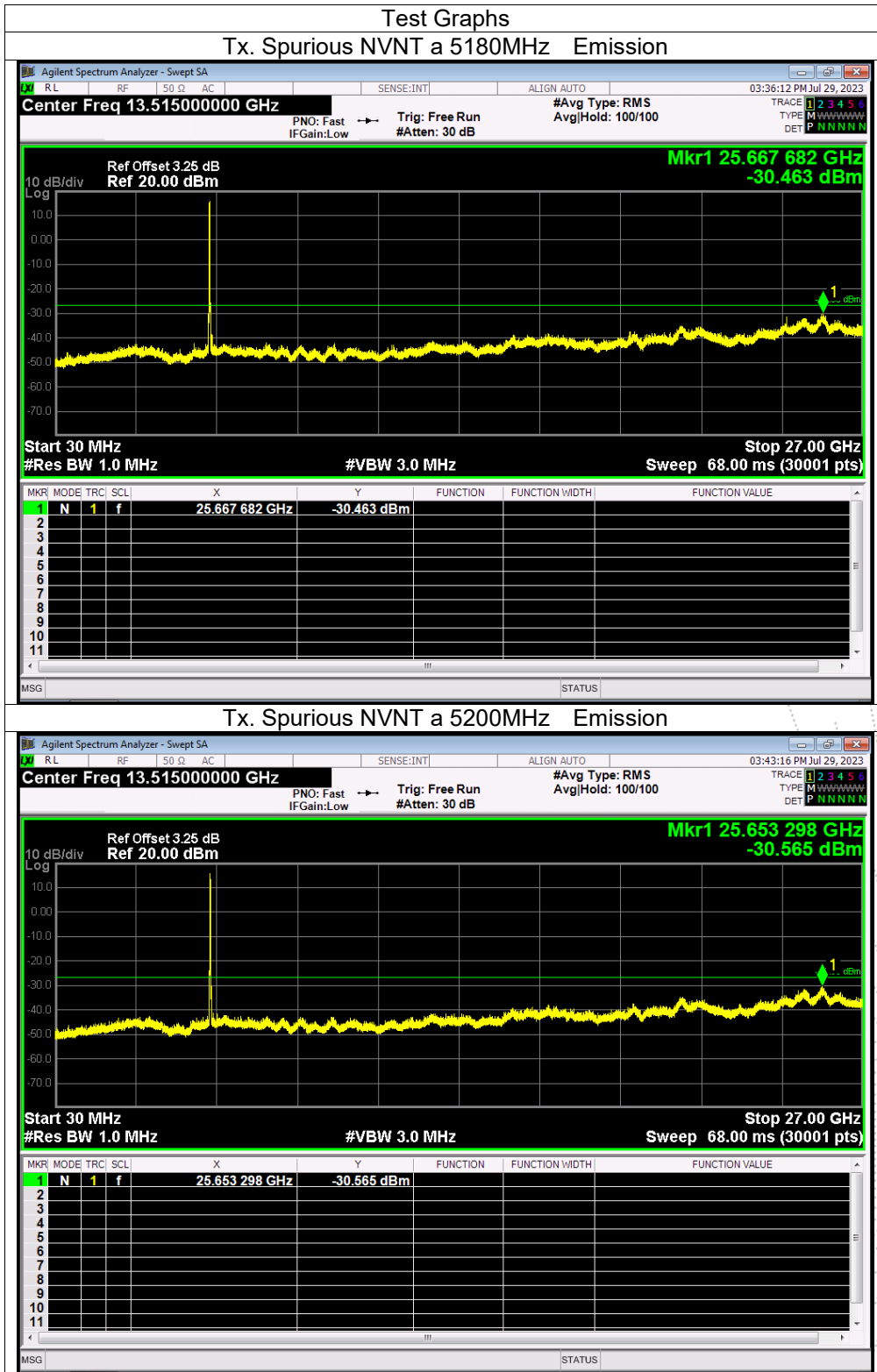
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then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

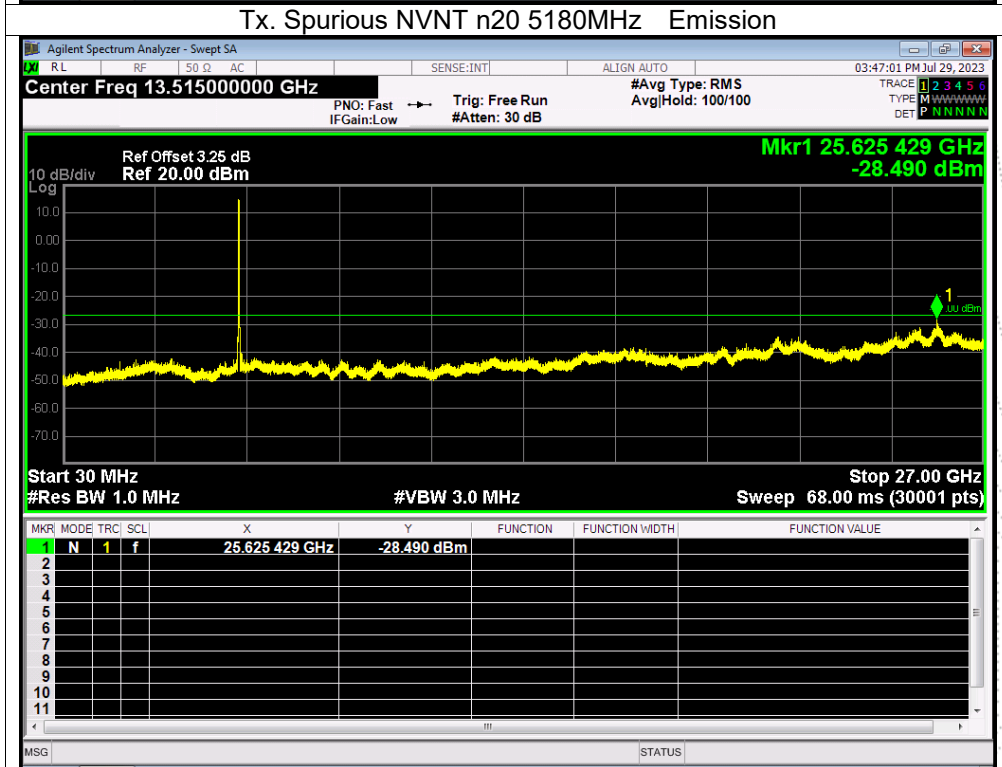
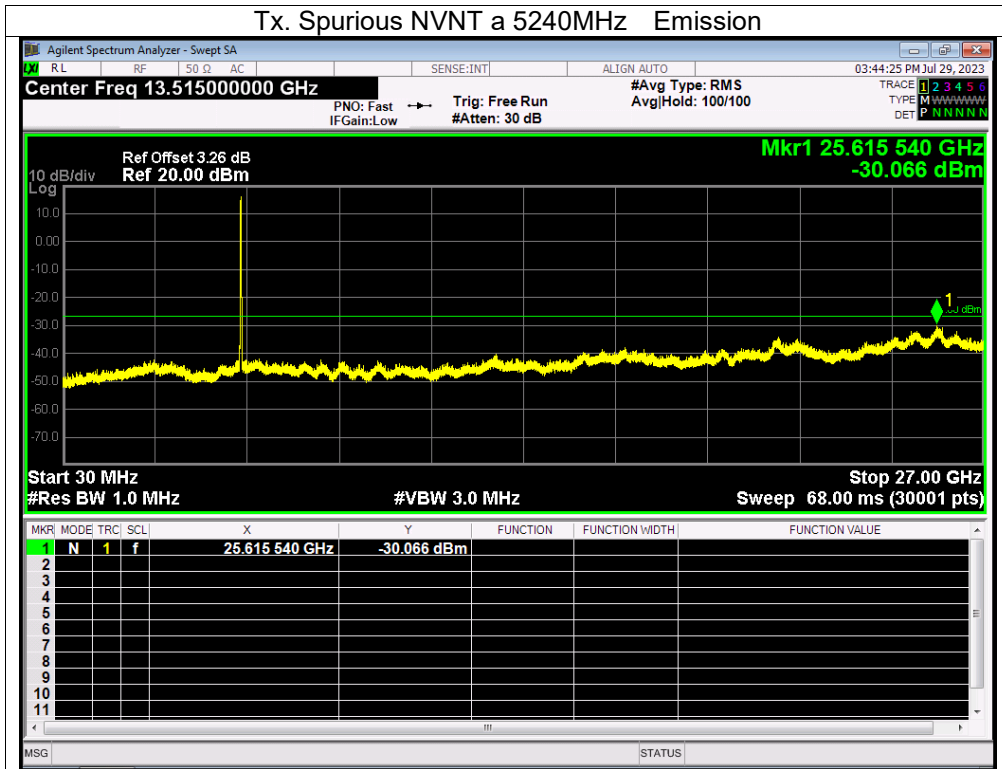
12.4 Test Result

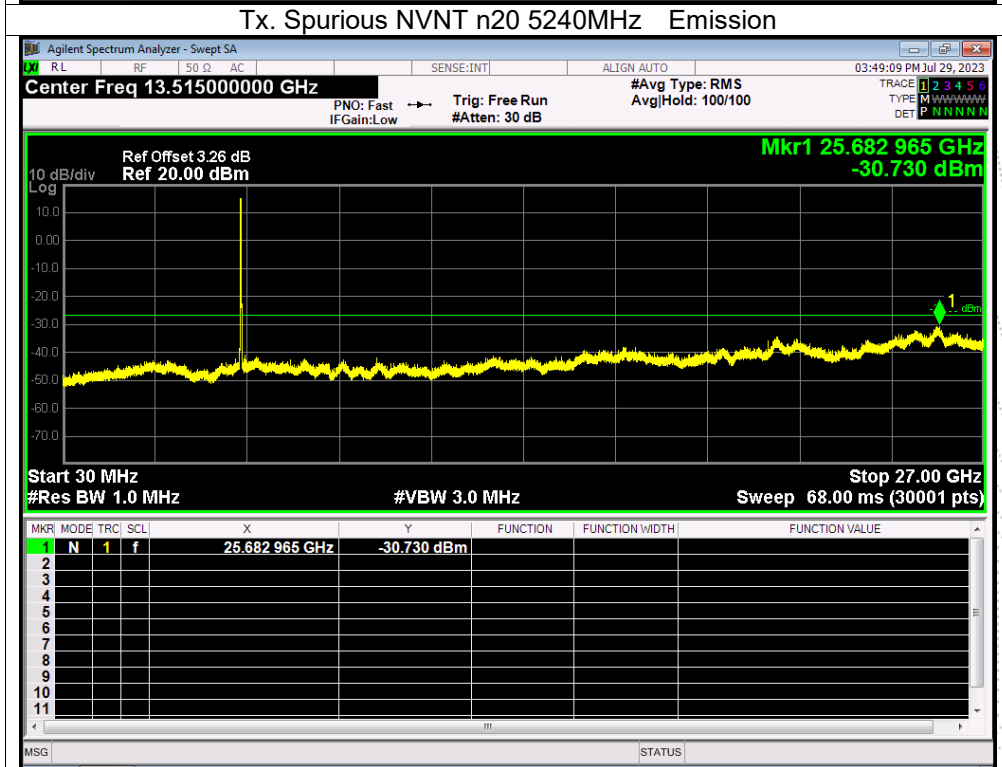
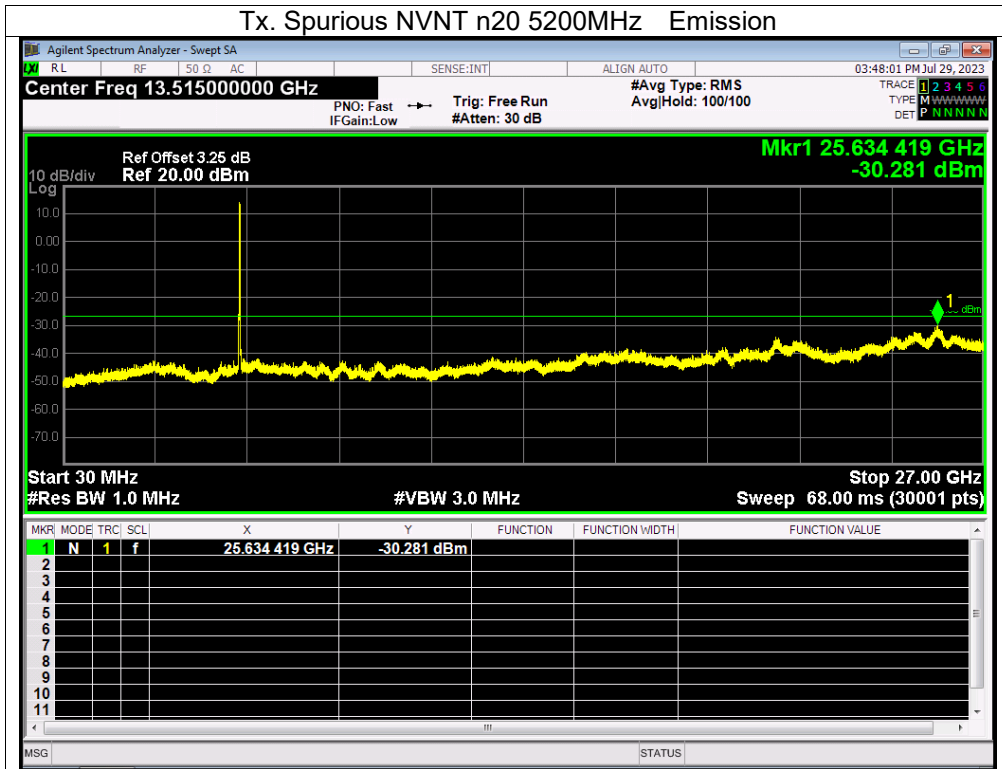
Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.

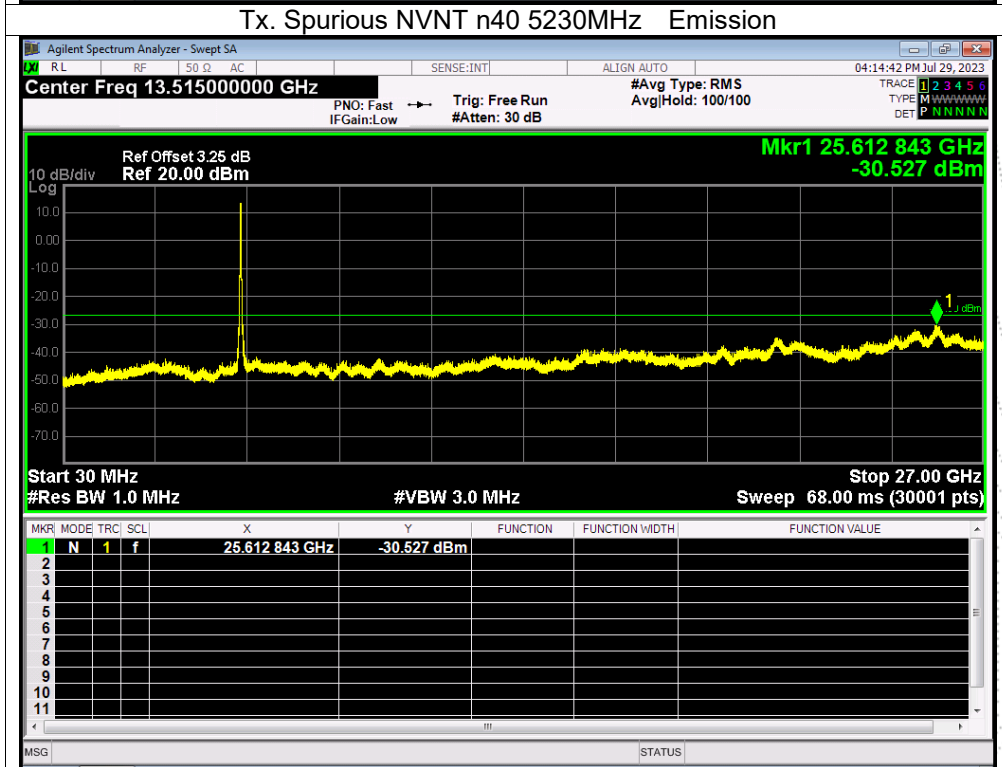
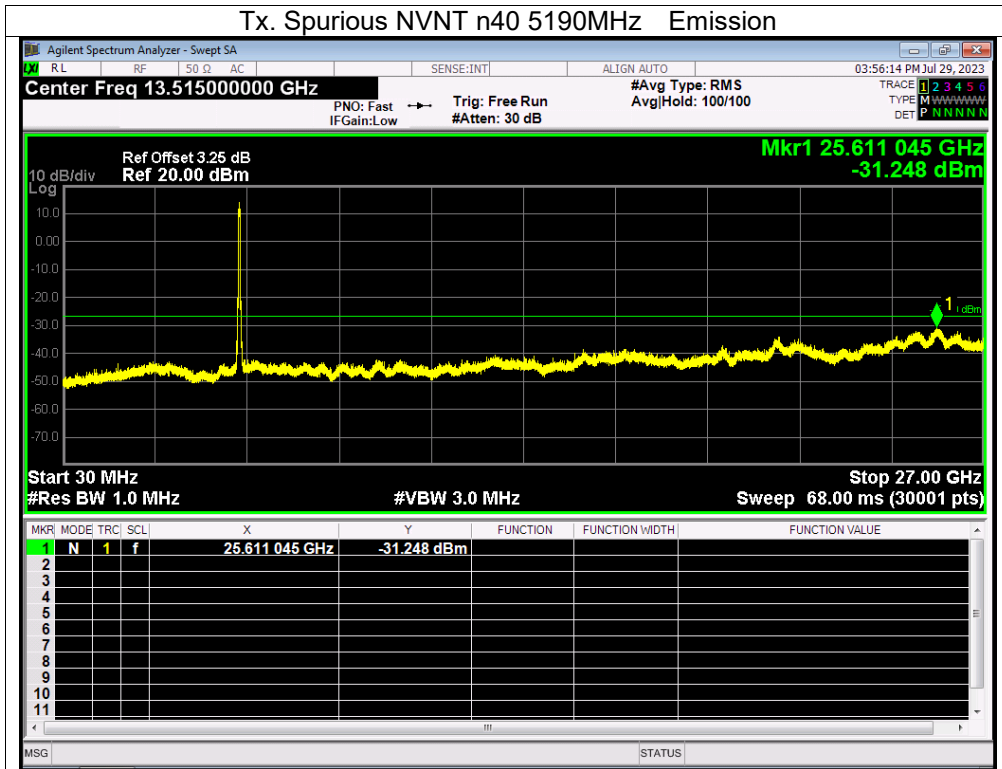
About:26.5GHz-40GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

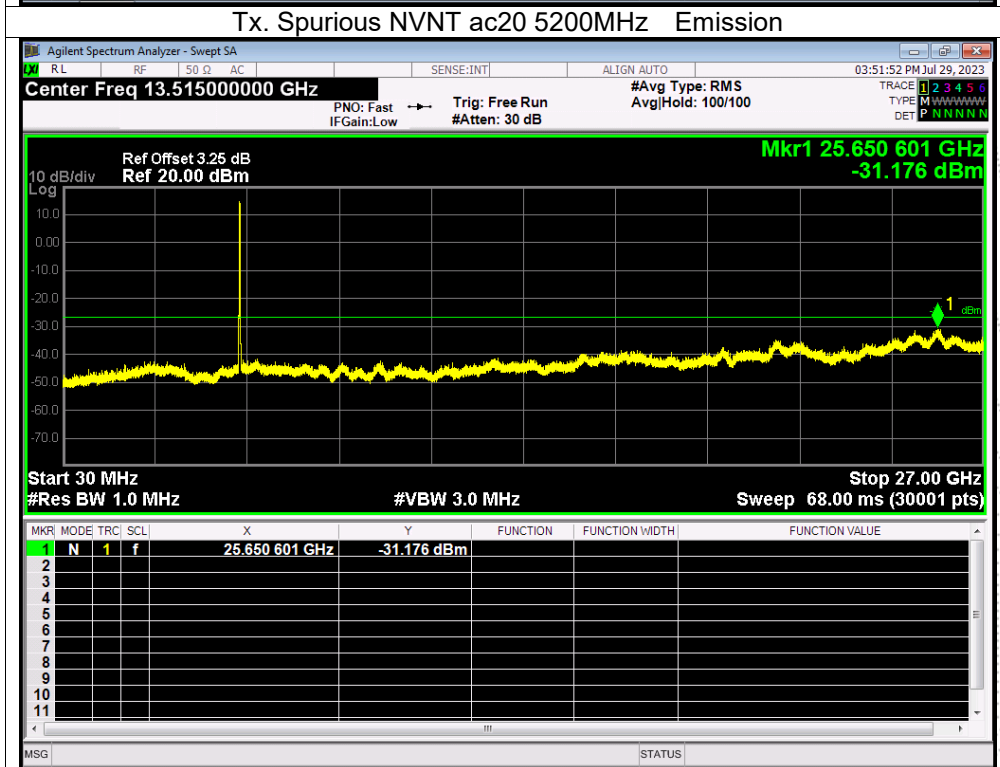
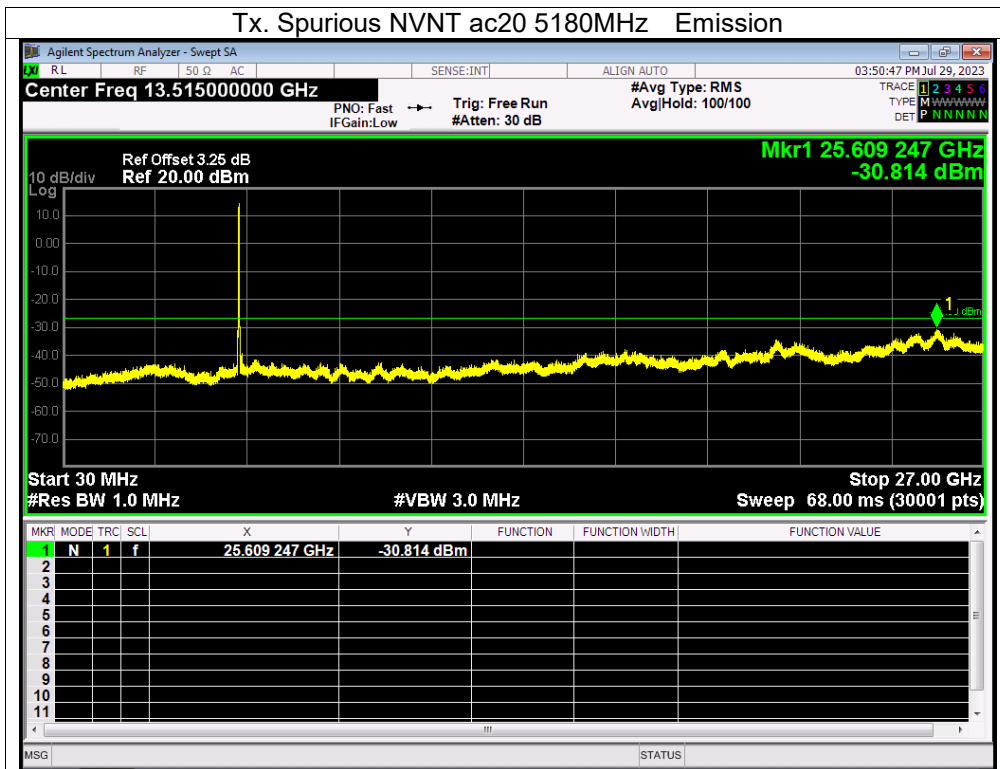
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Plot. Antenna A: 5180-5240MHz

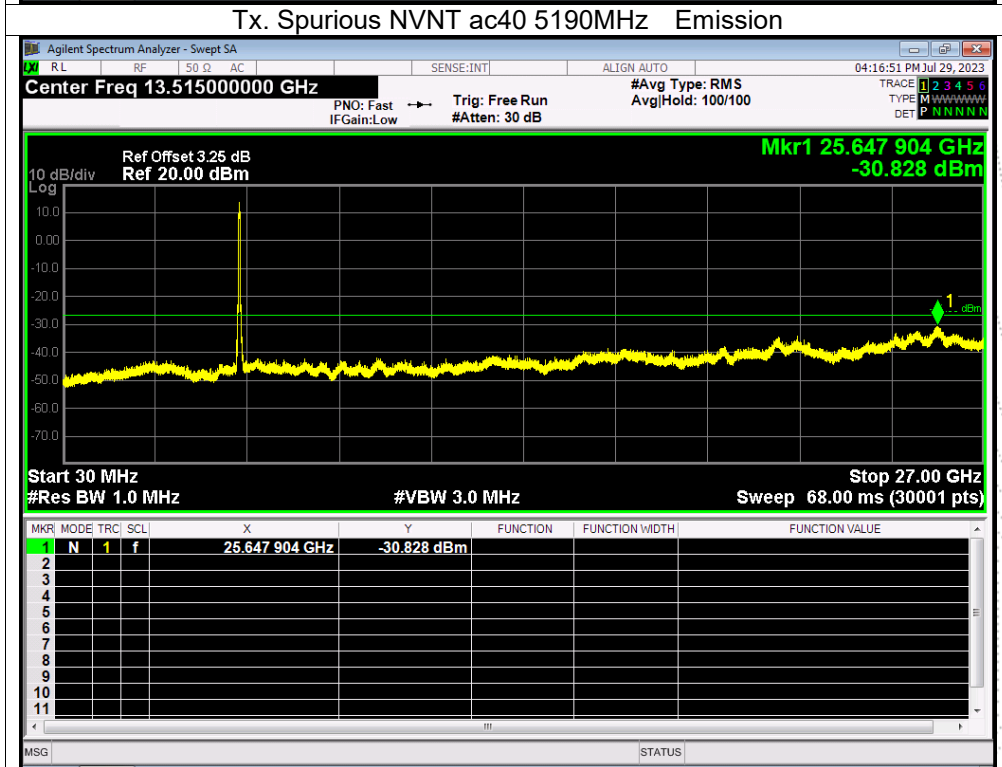
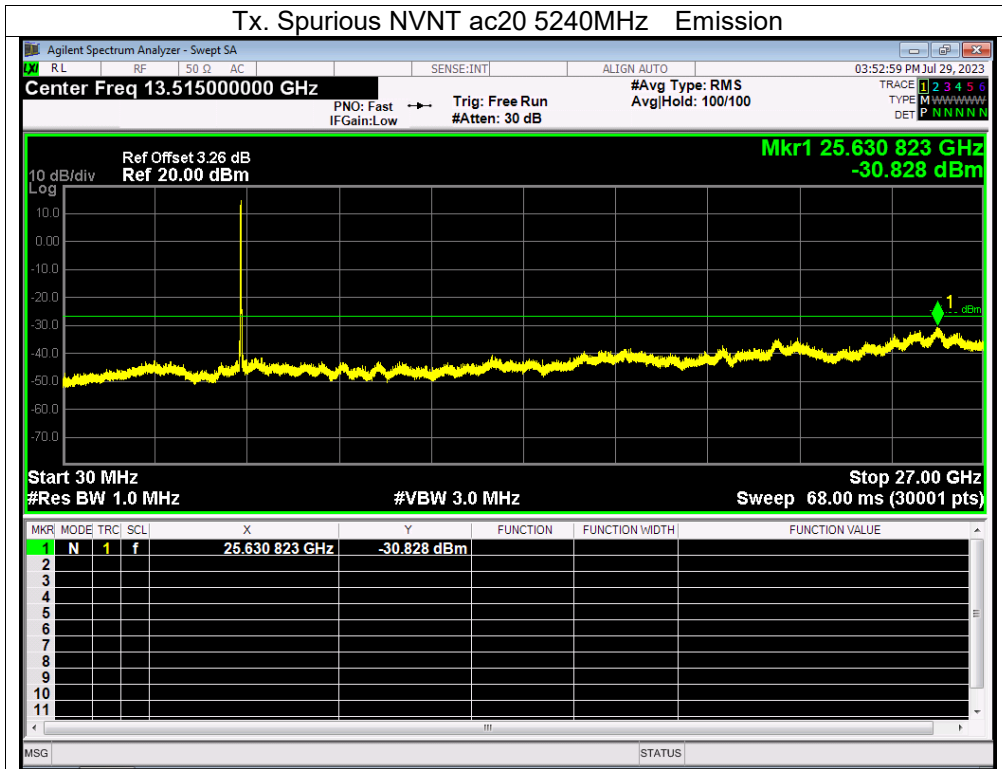


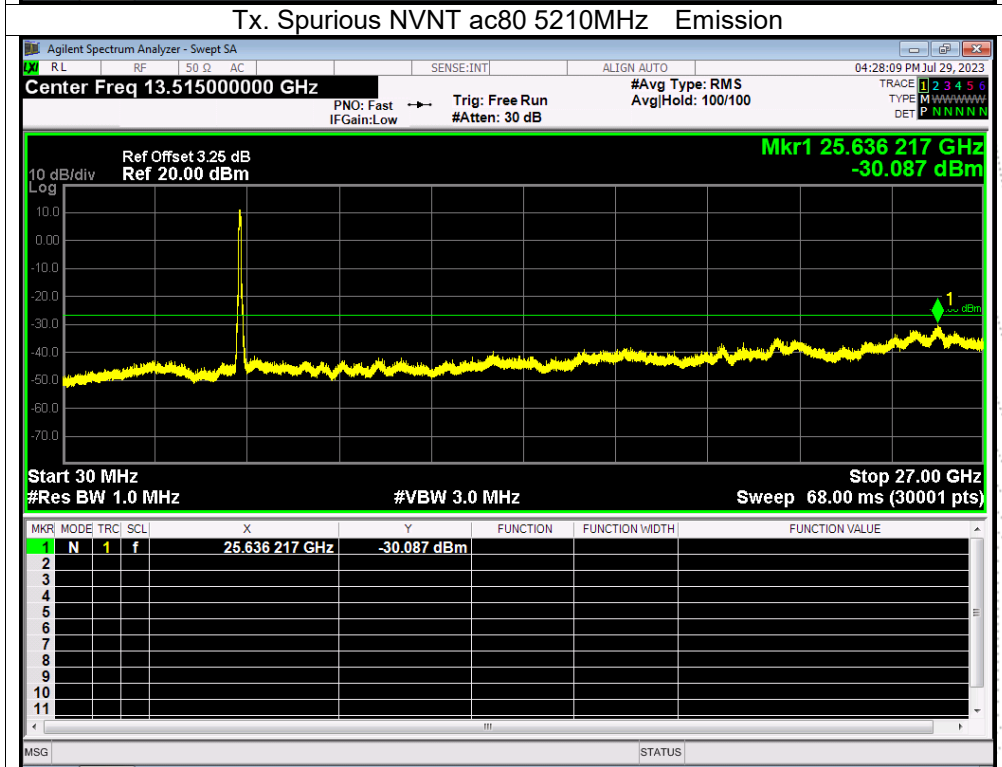
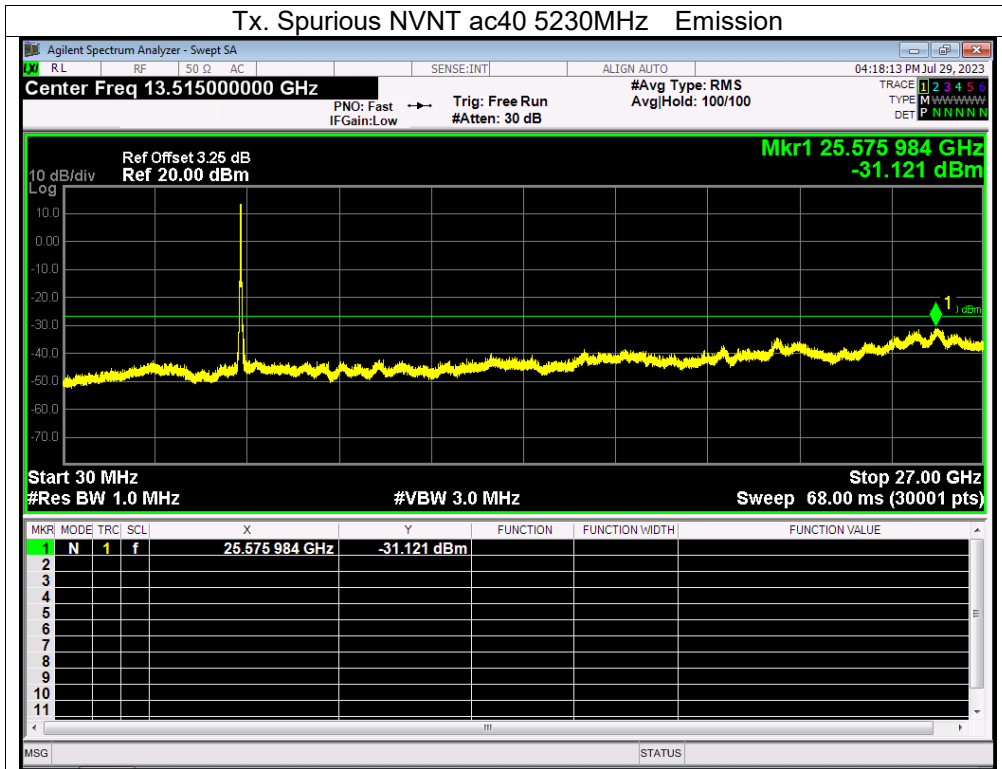




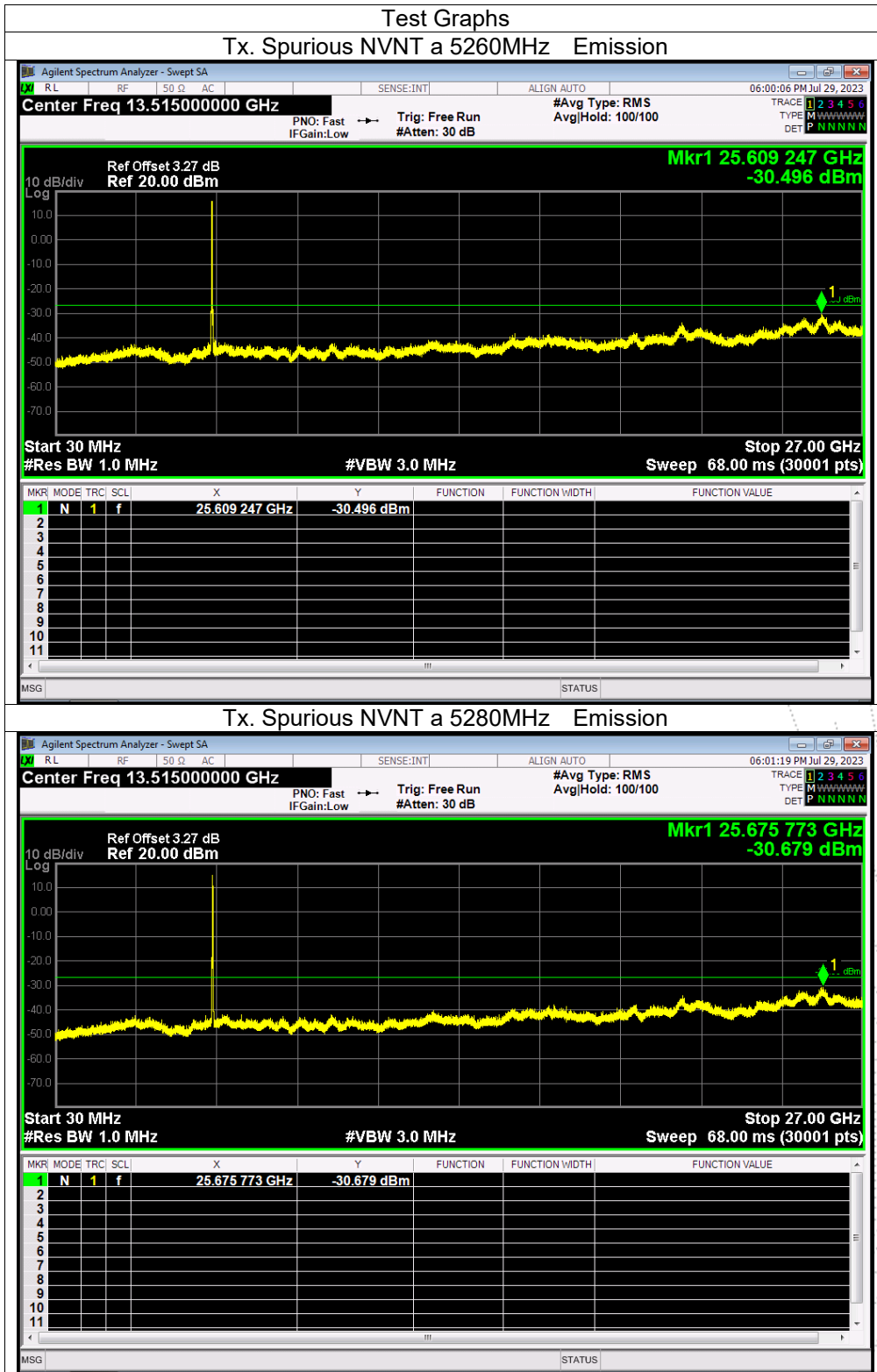


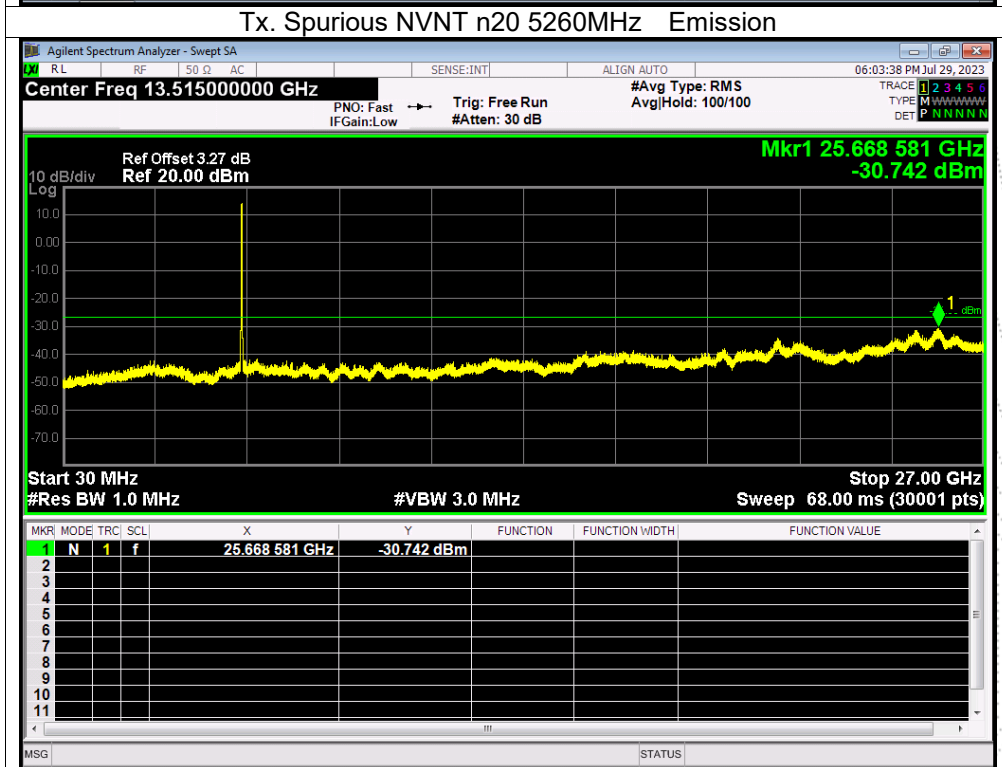
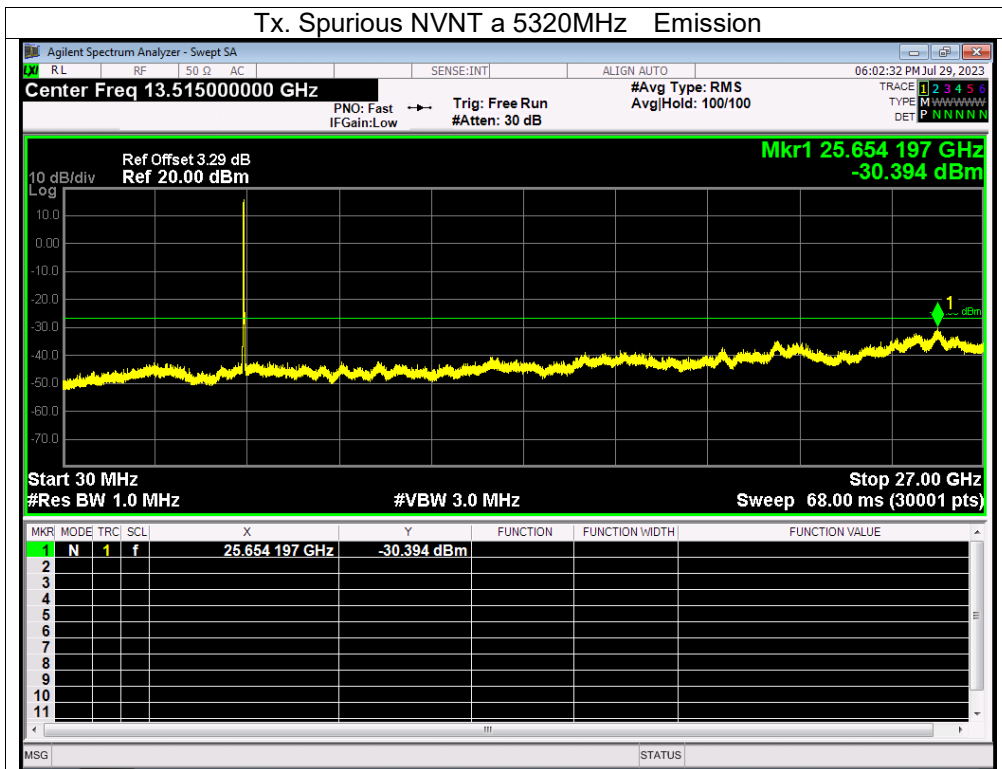


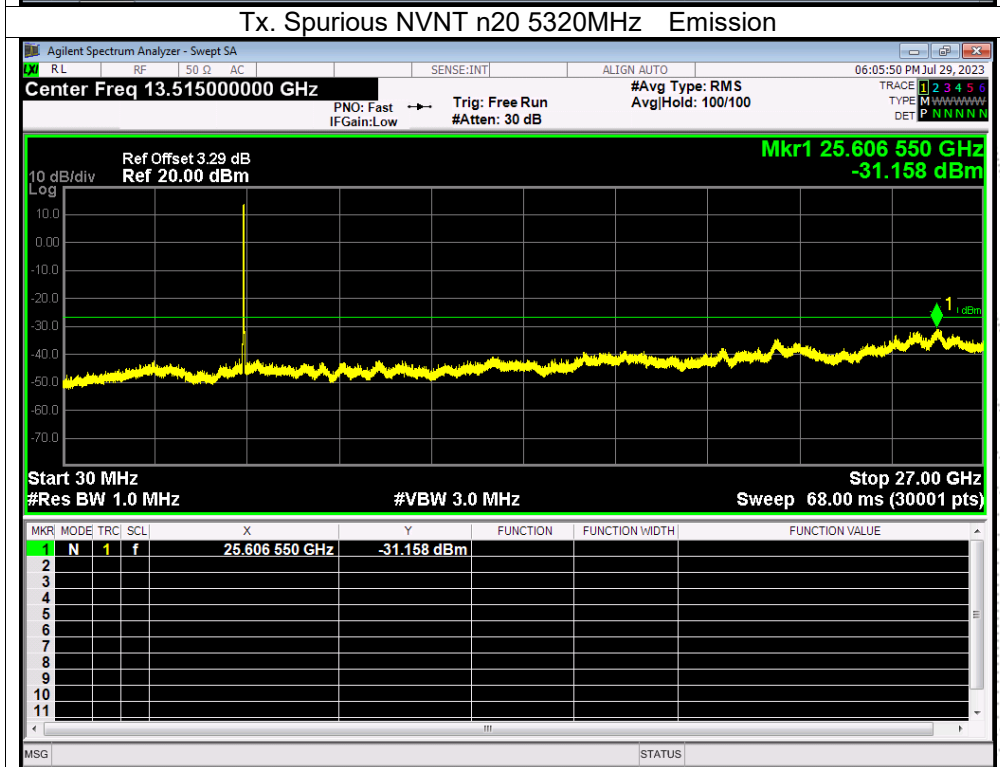
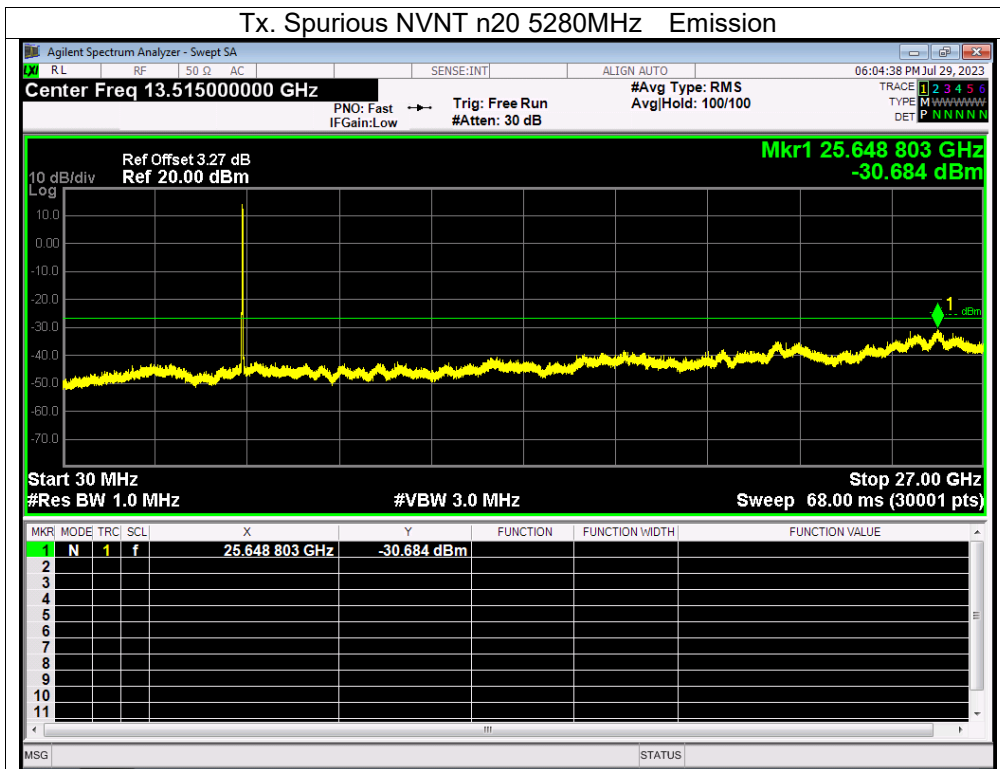


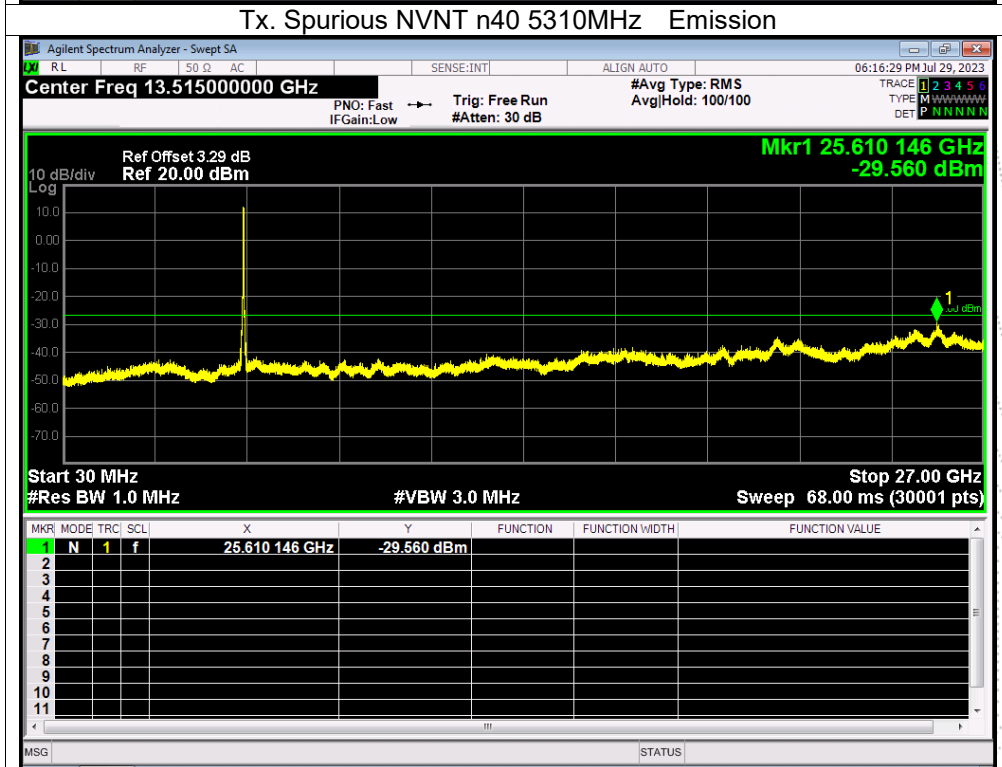
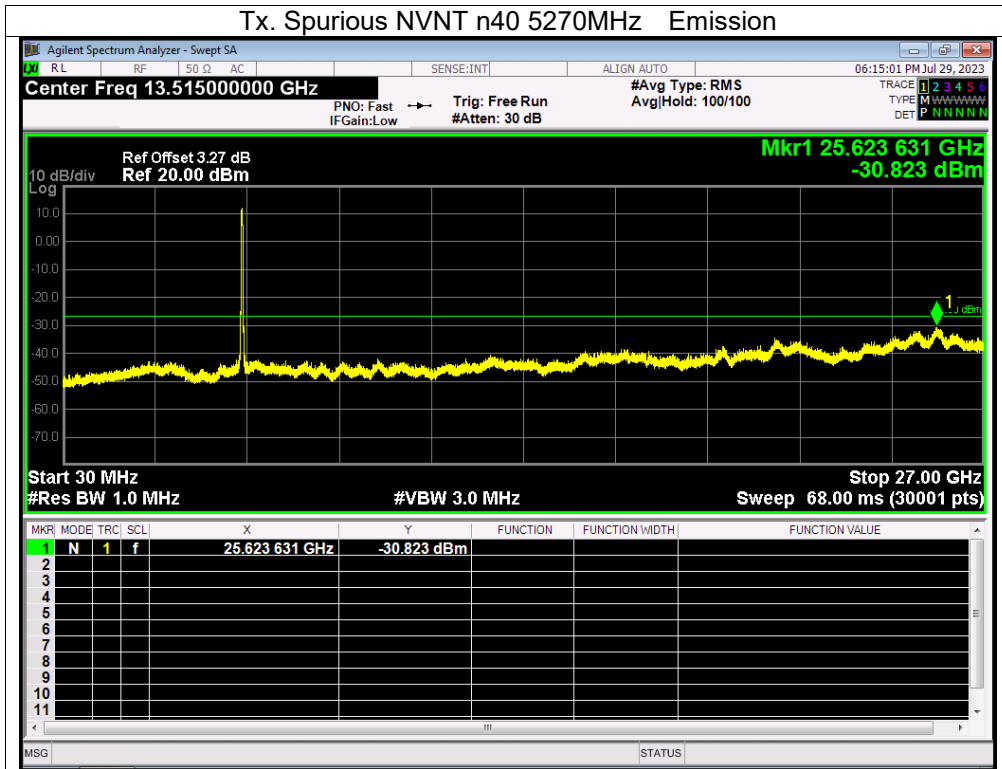


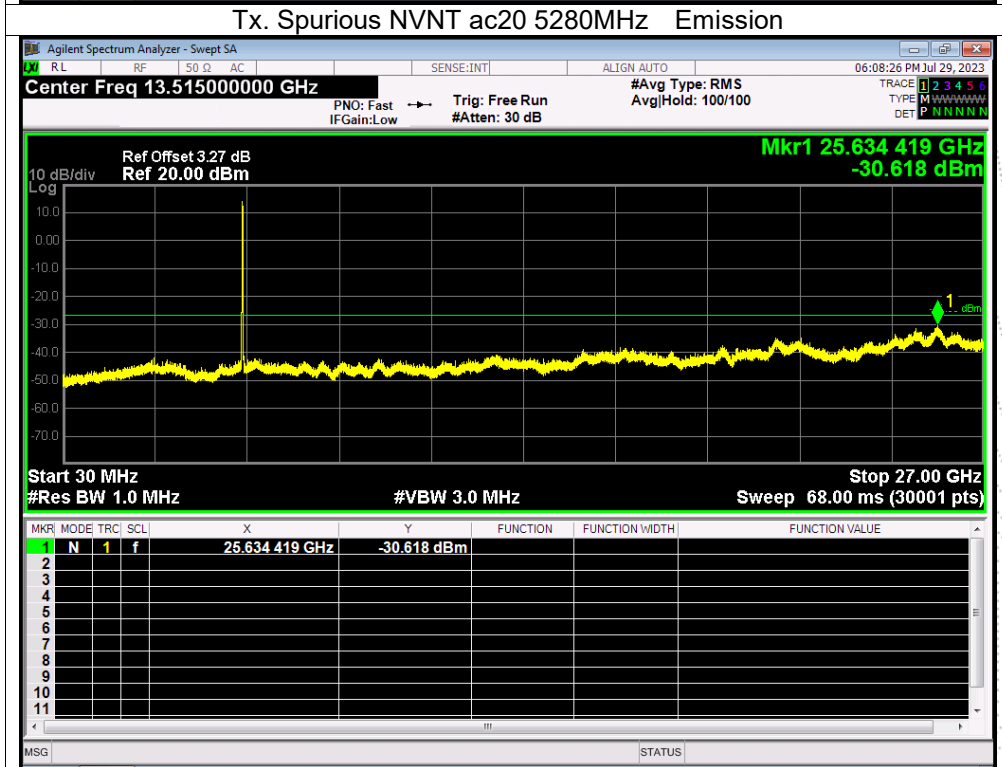
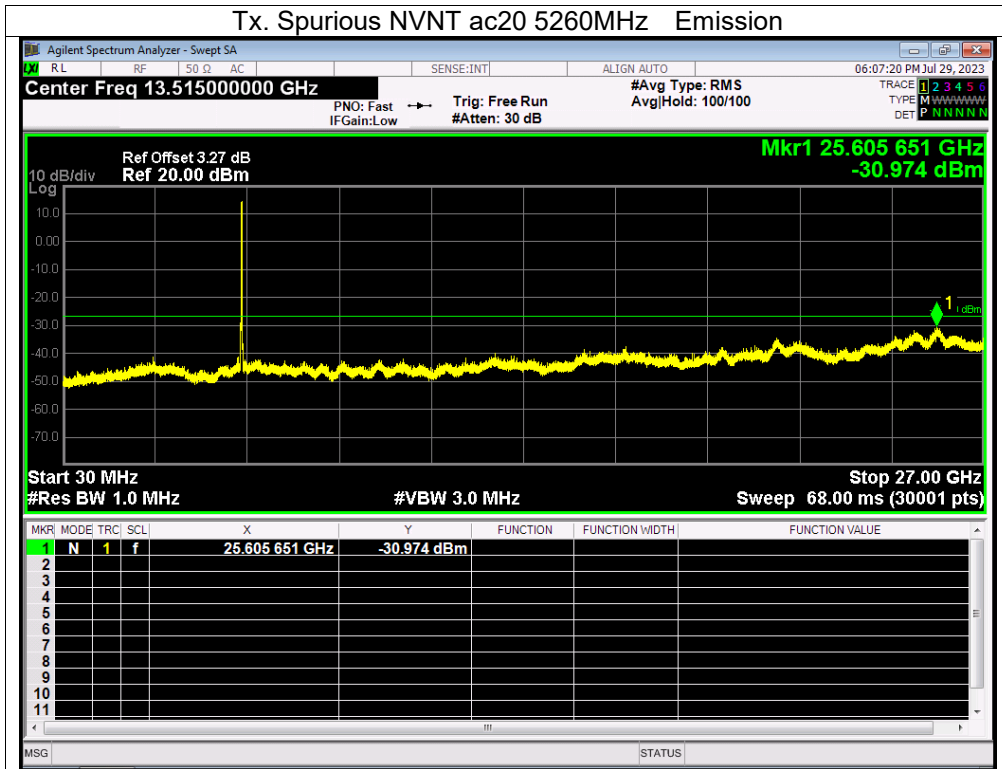
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5260-5320MHz

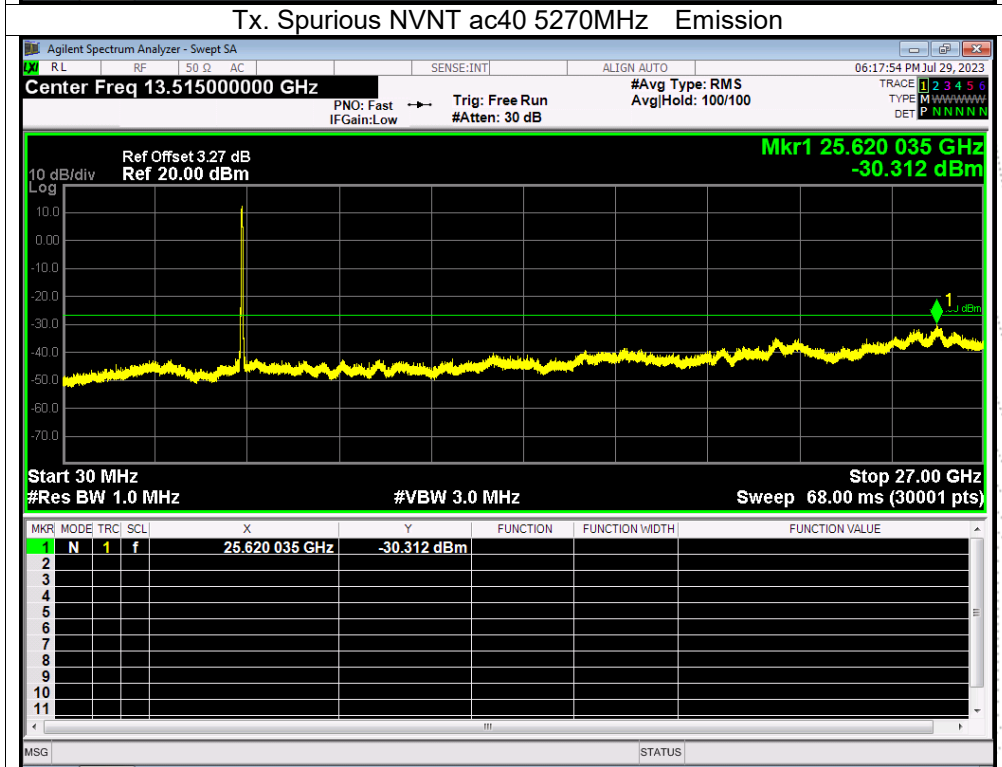
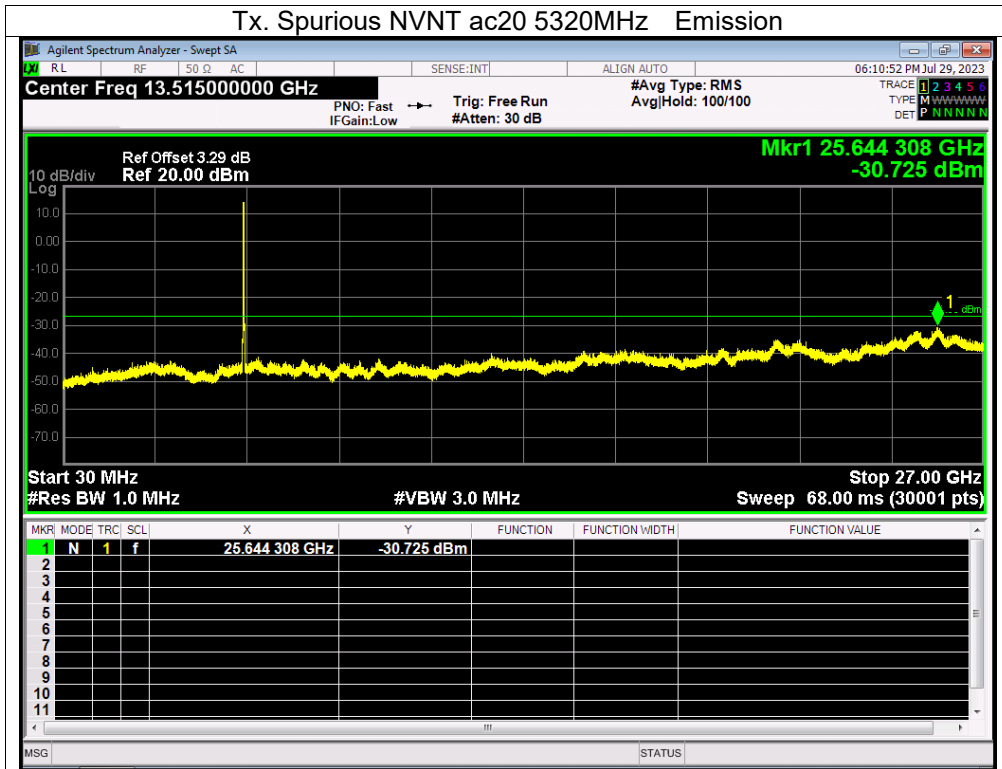


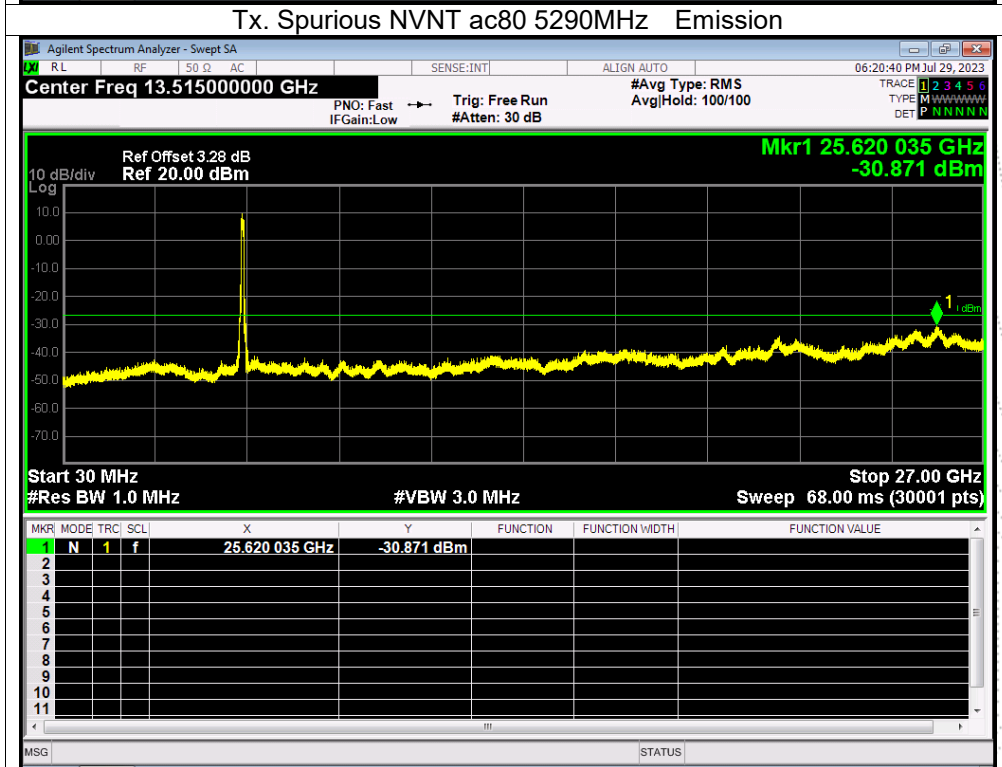
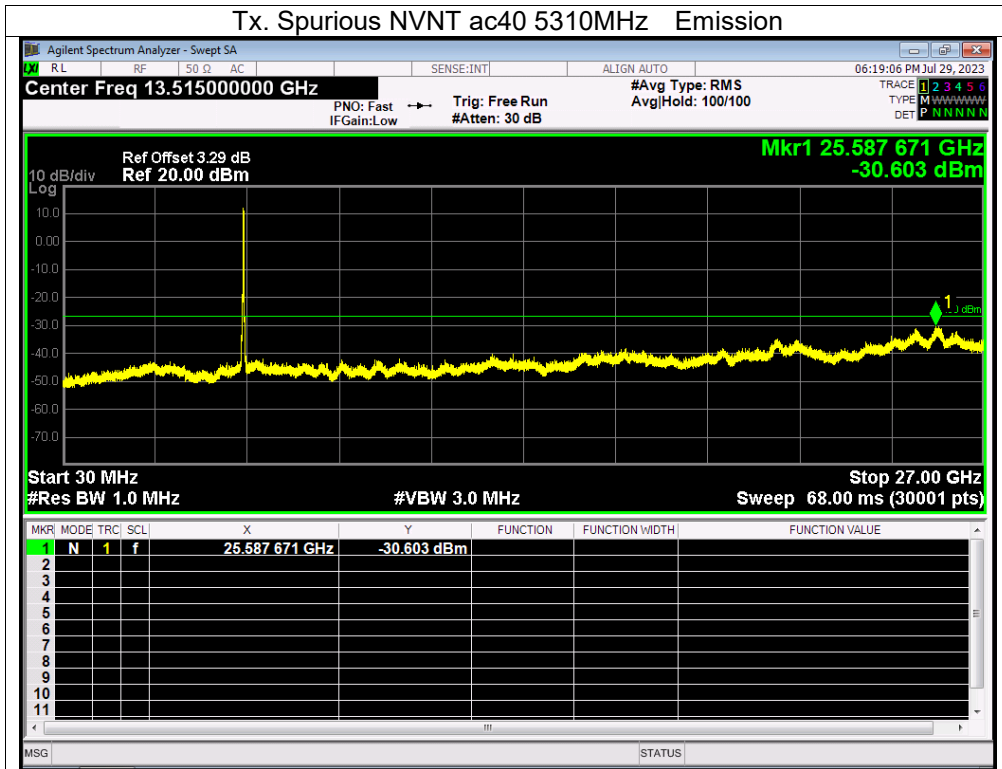




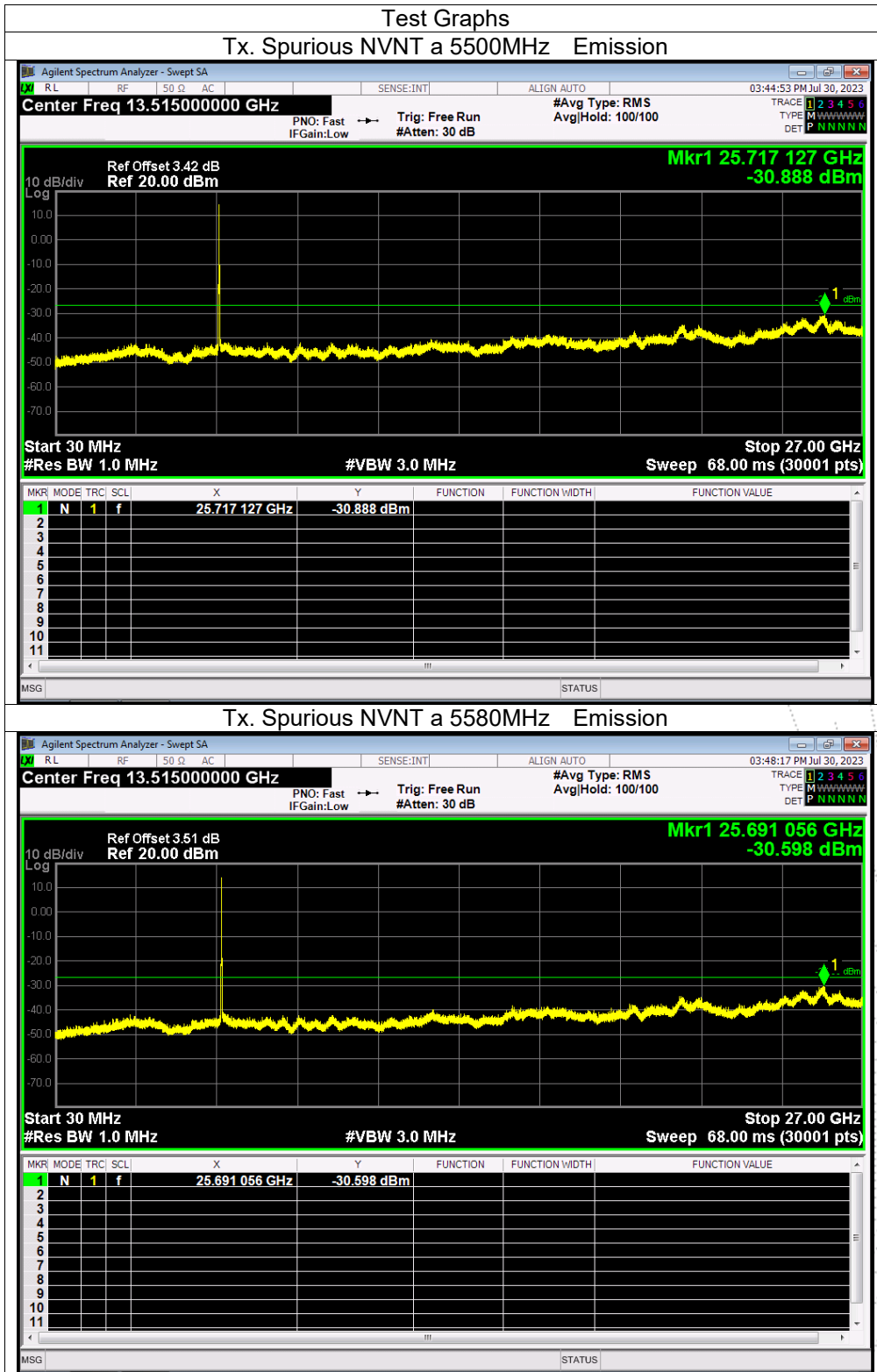


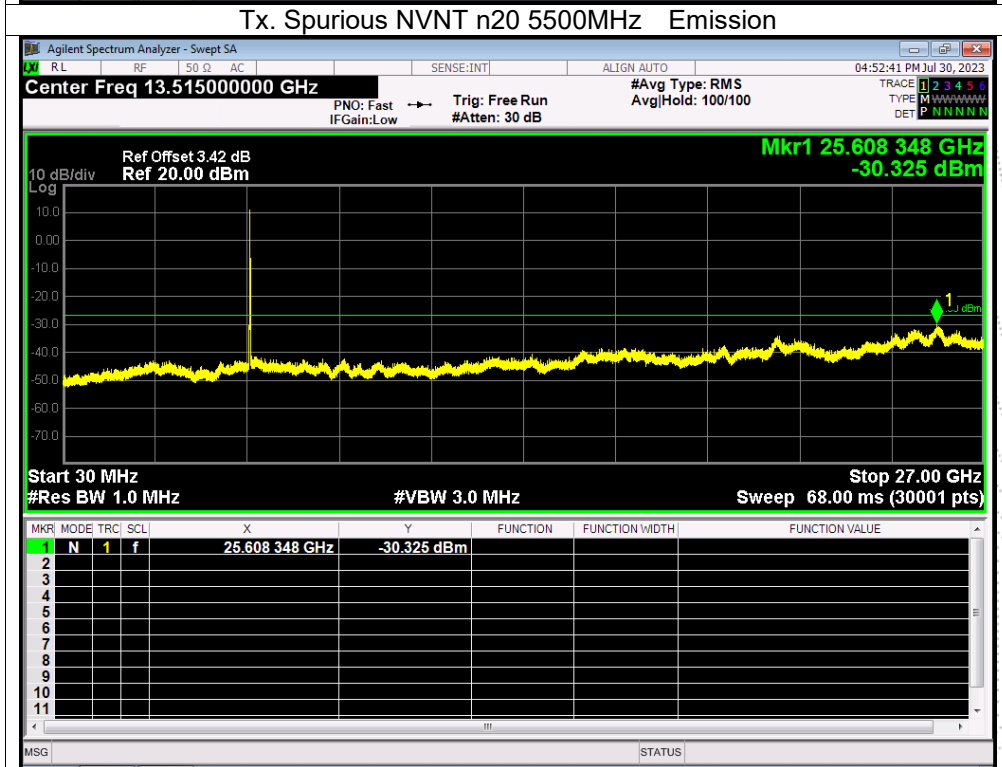
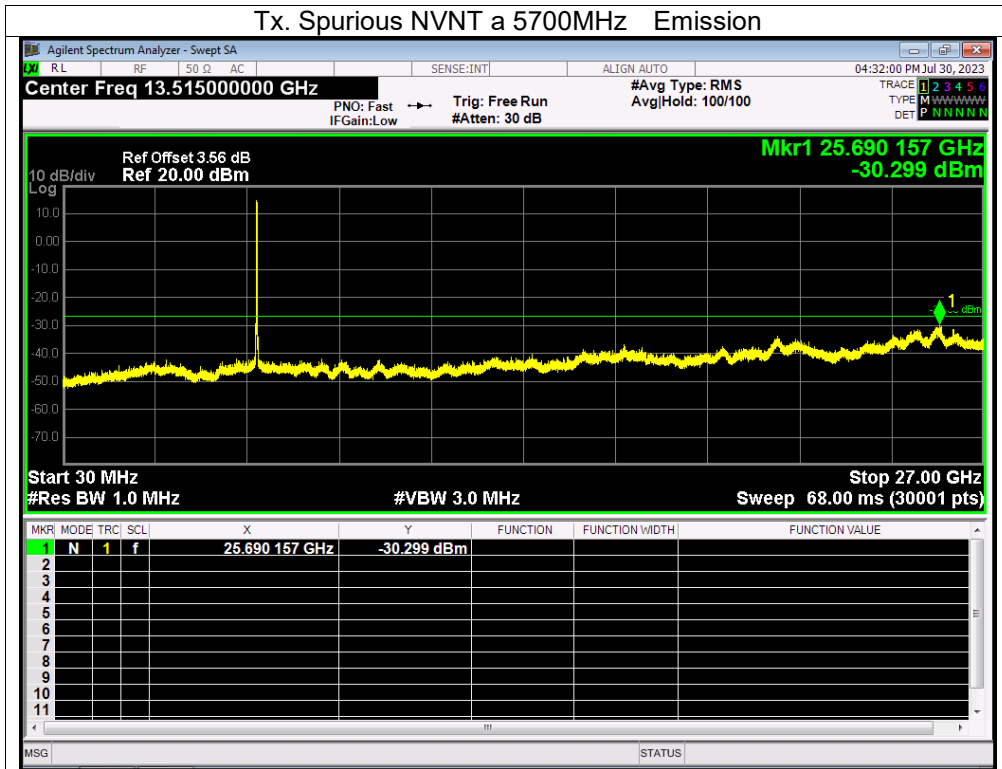


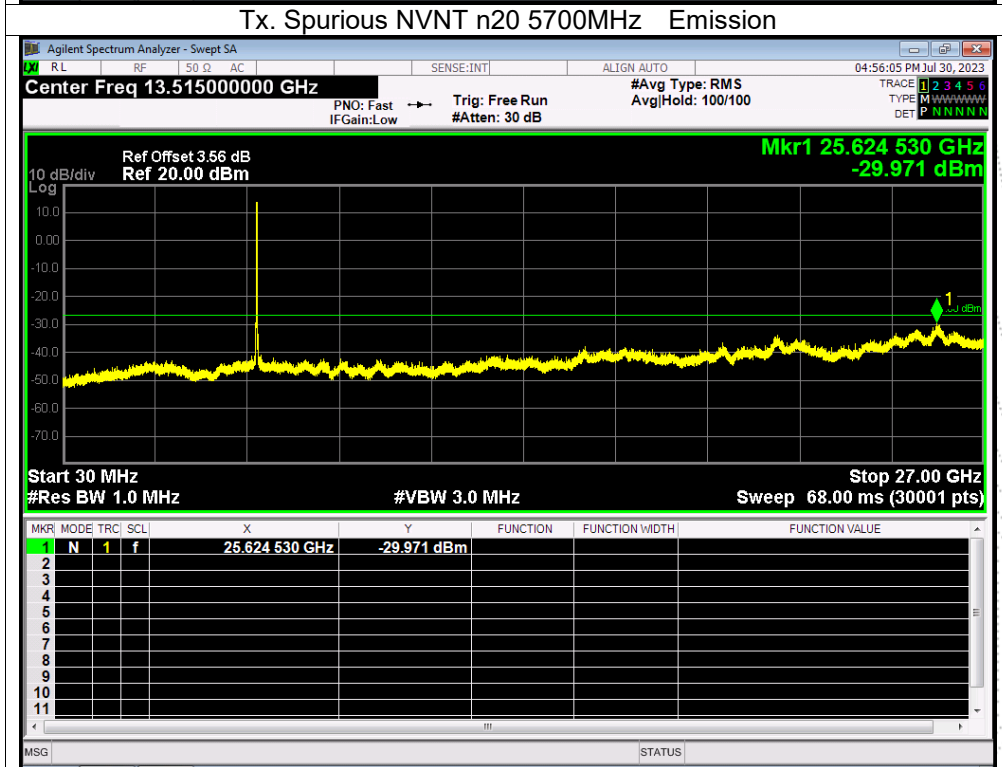
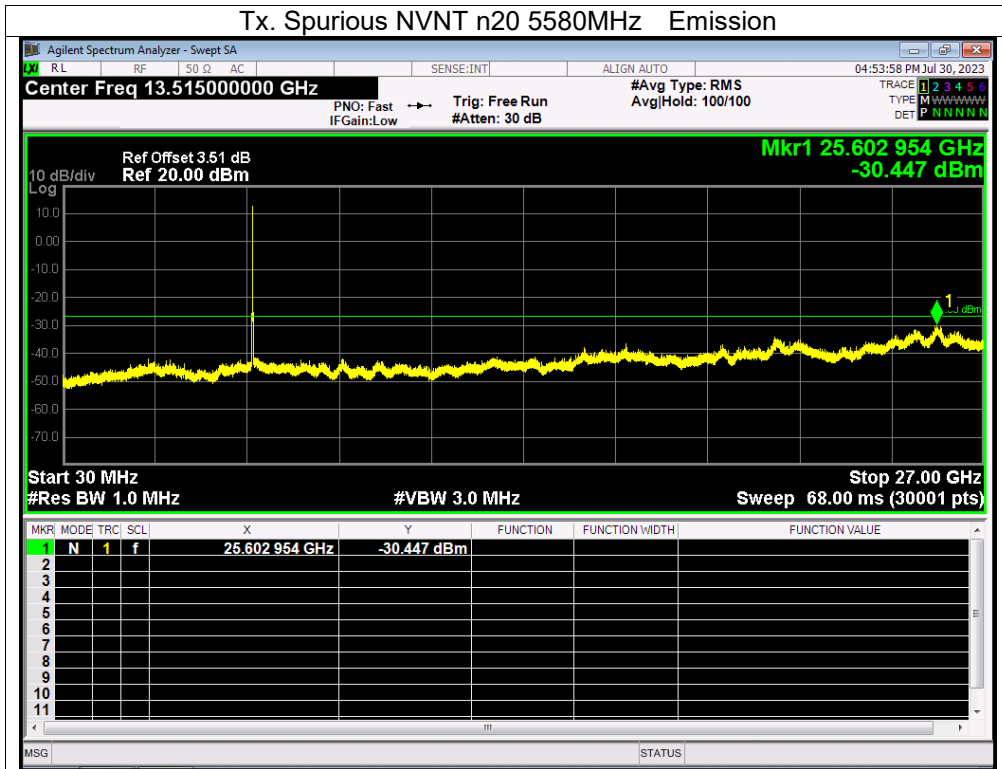


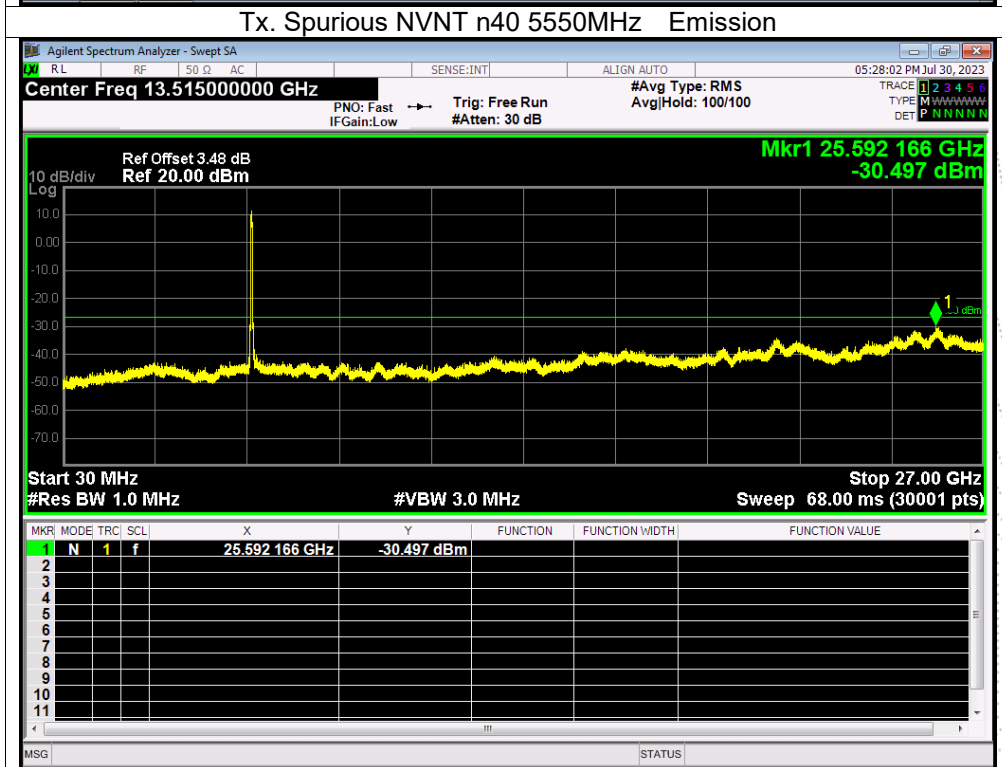
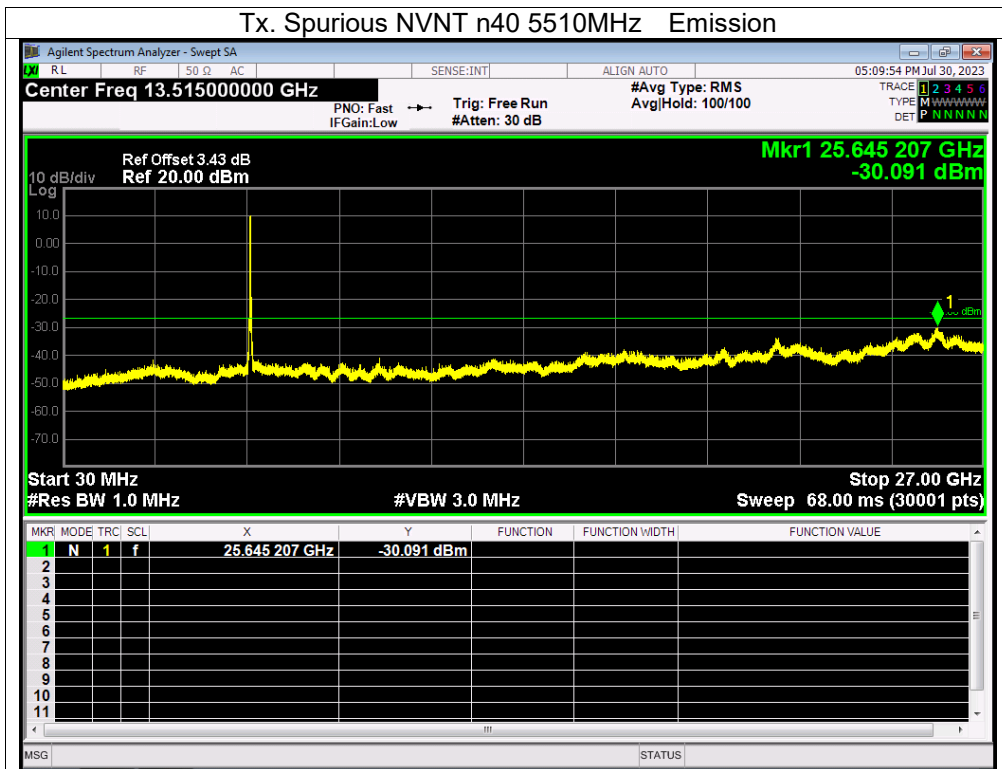


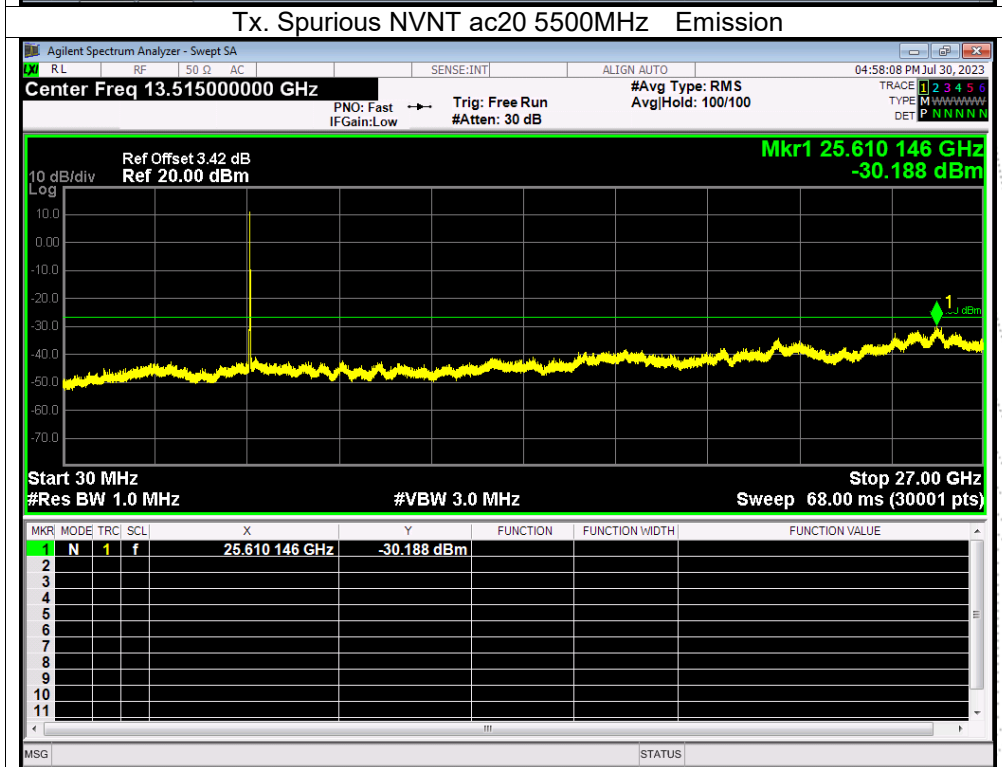
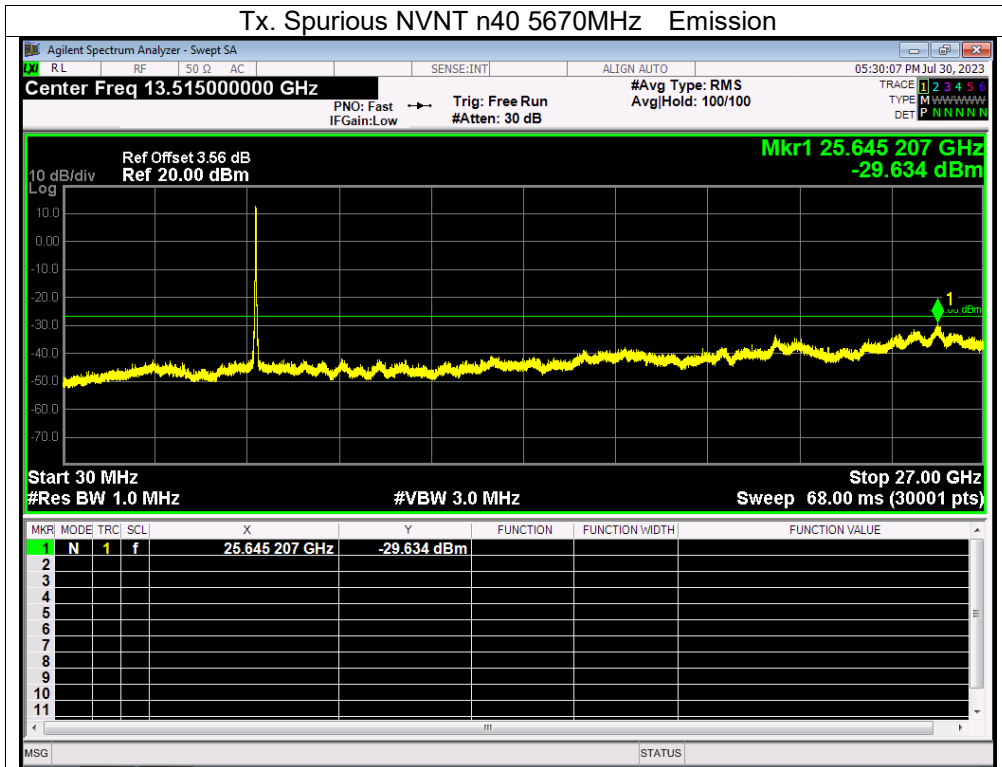
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B.
 Antenna A: 5500-5700MHz

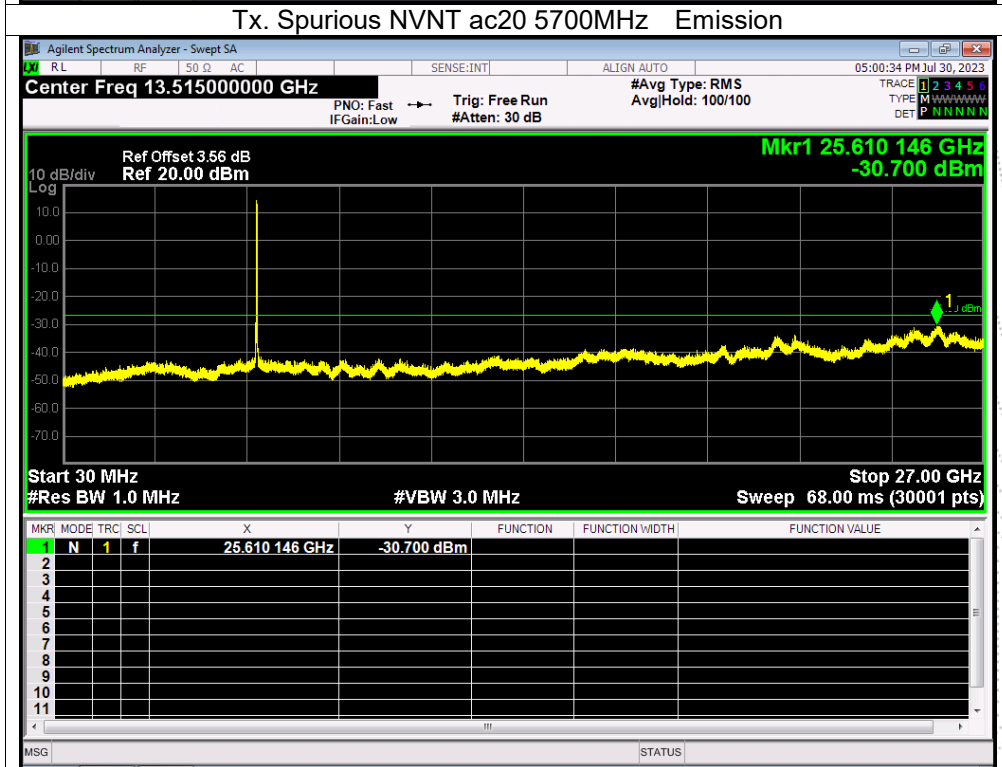
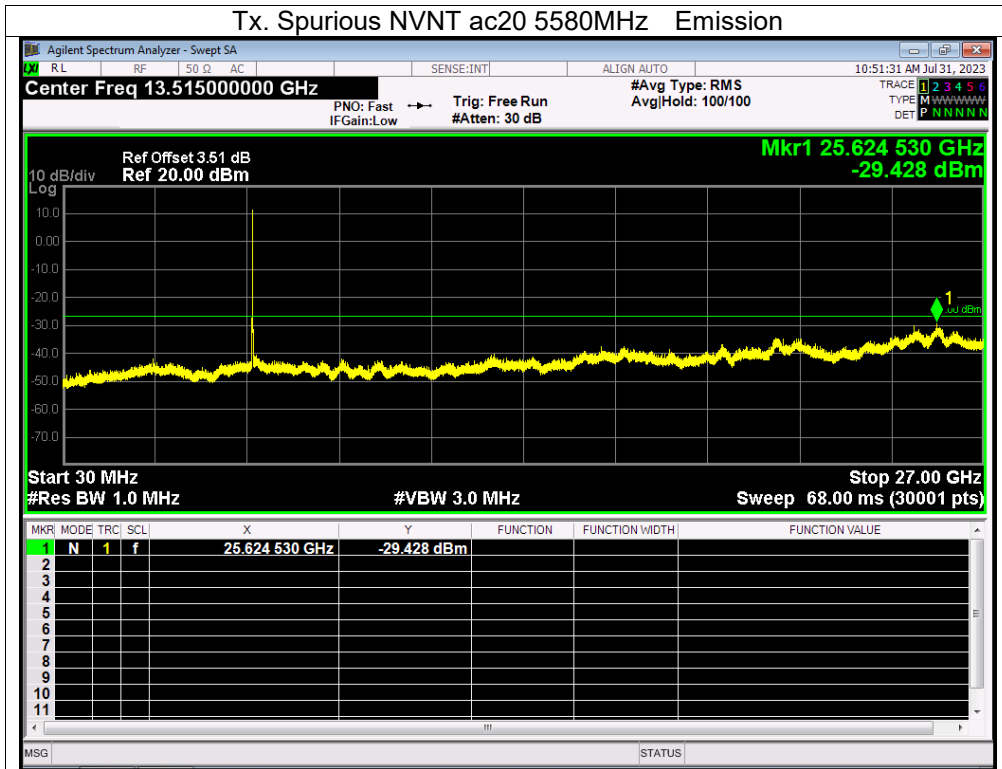


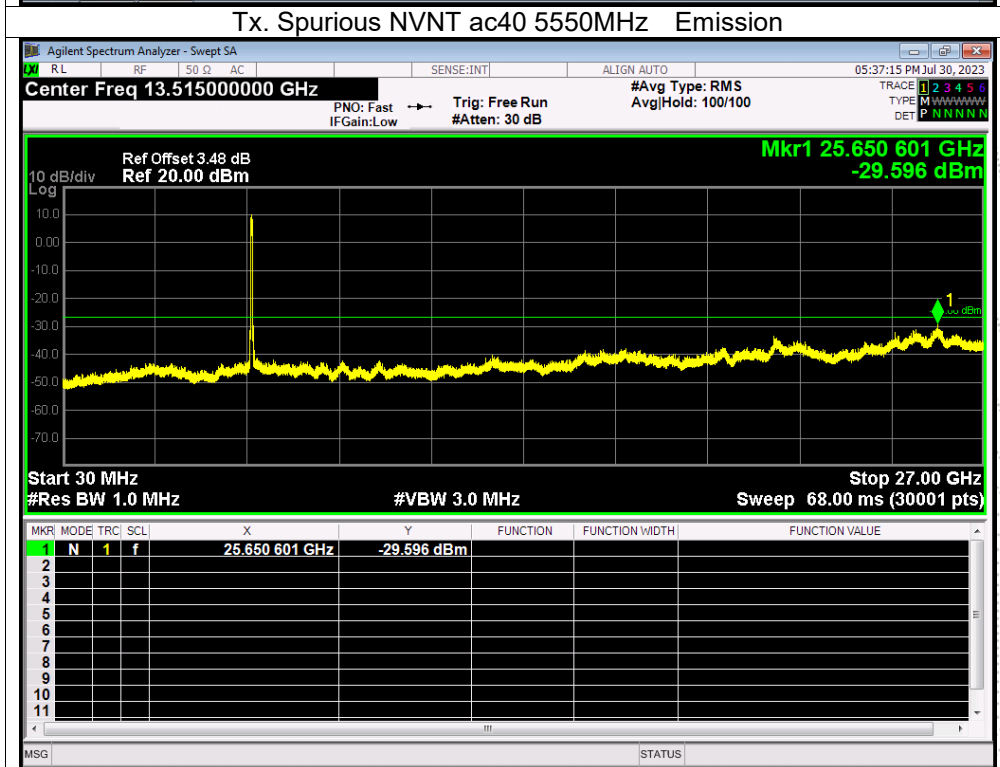
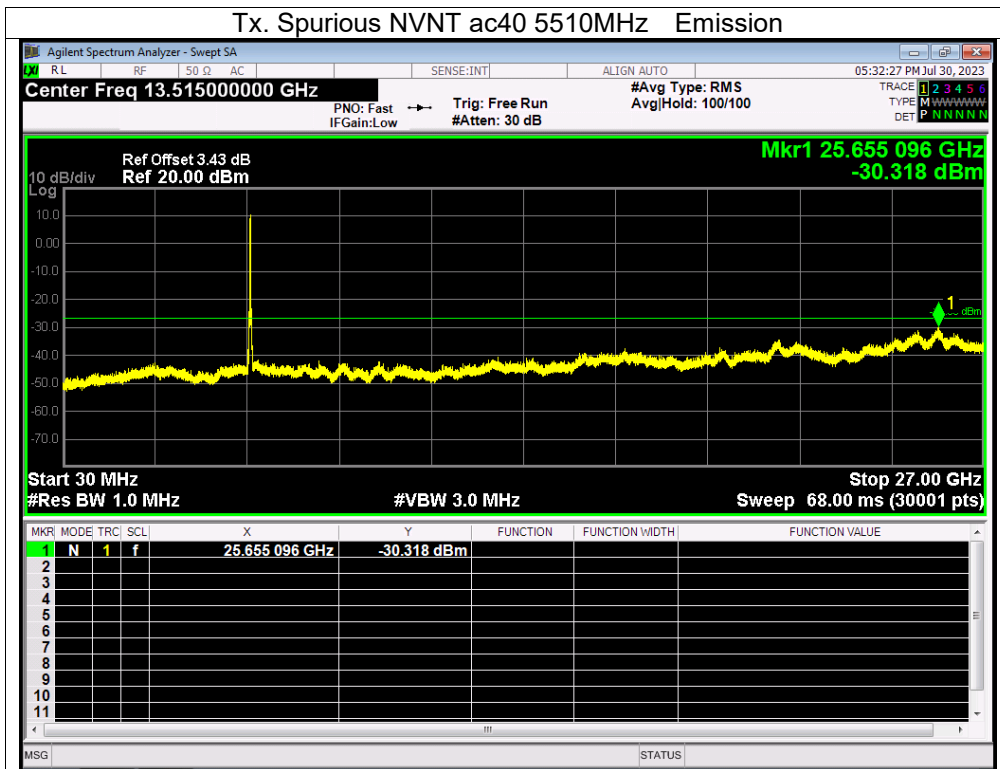


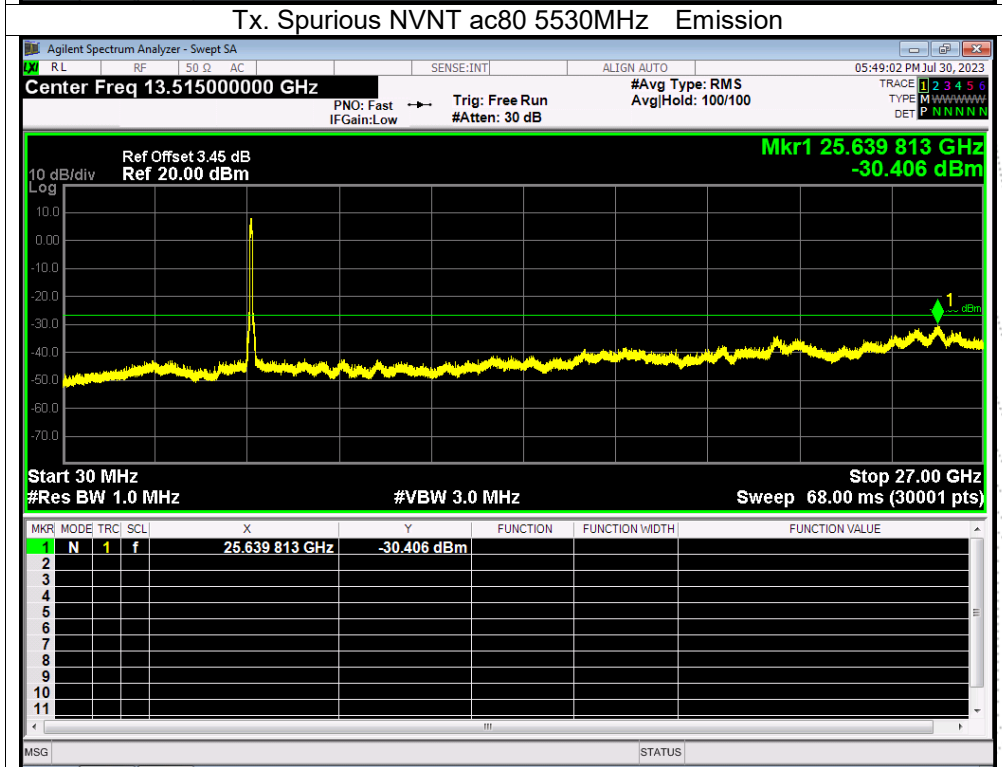
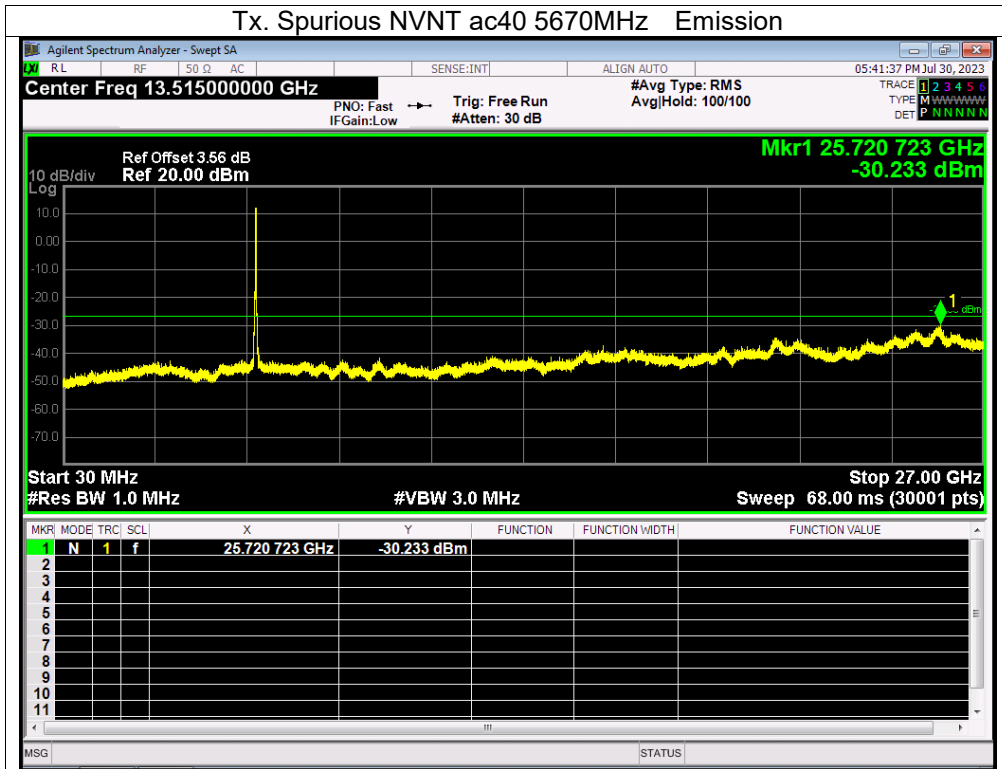




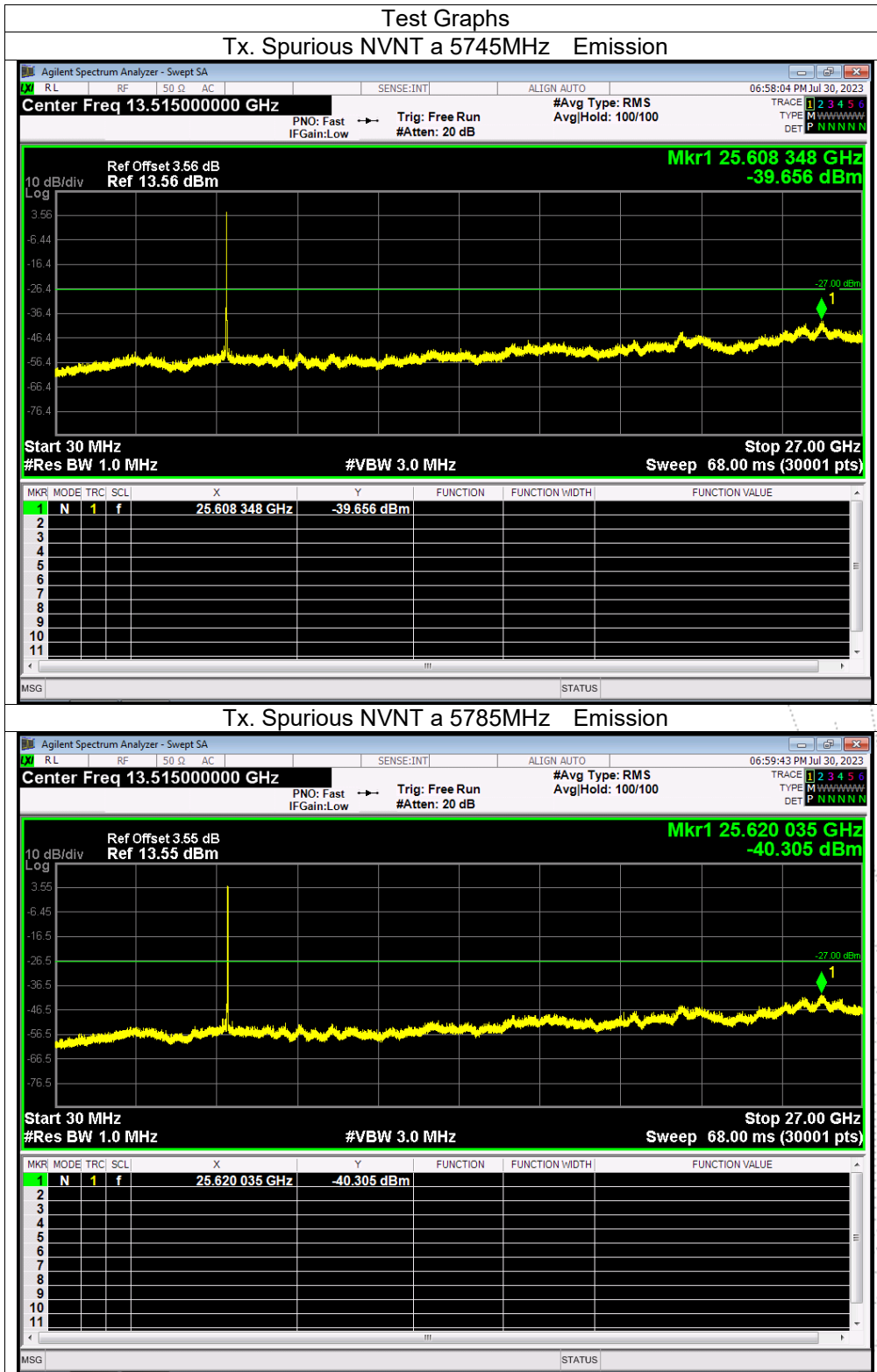


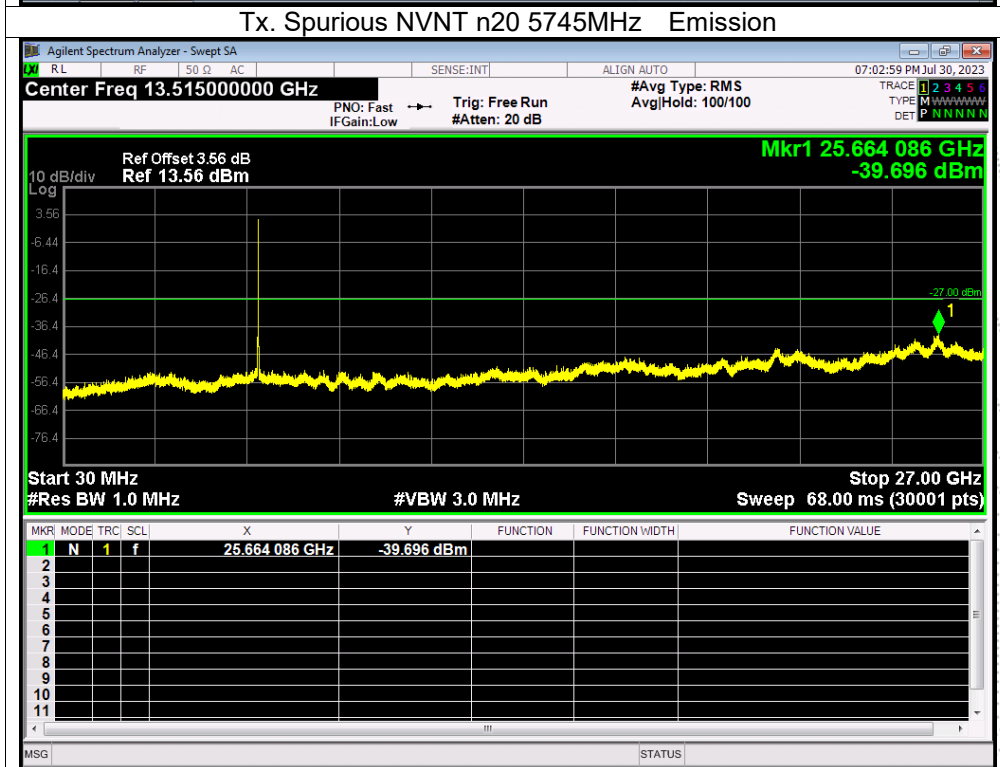
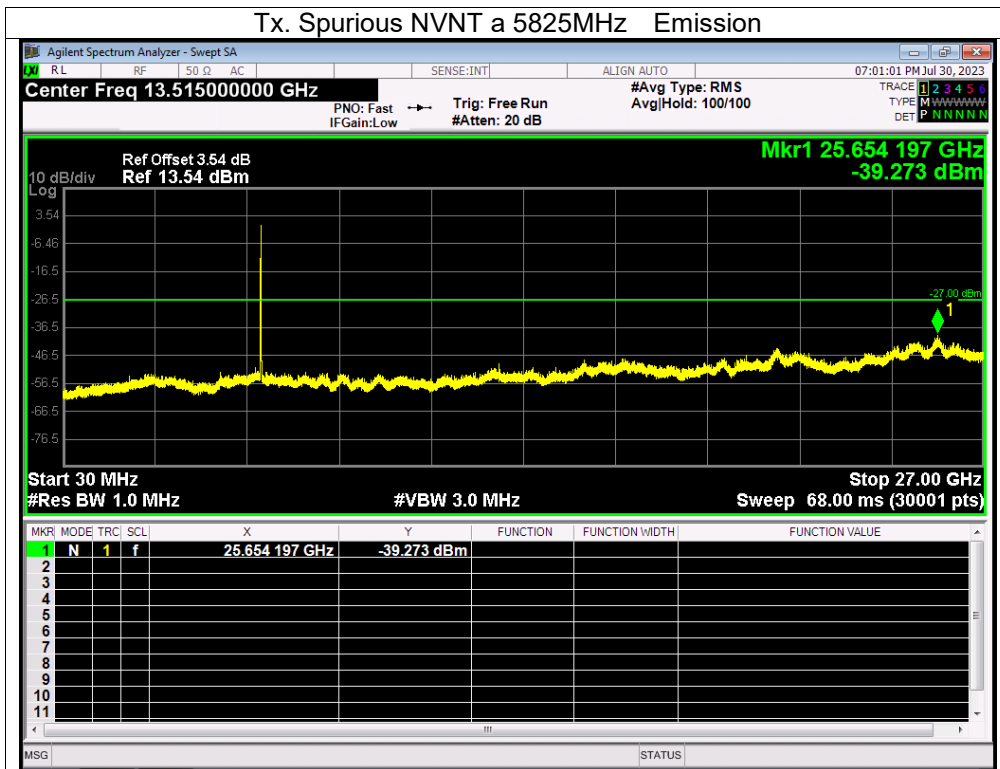


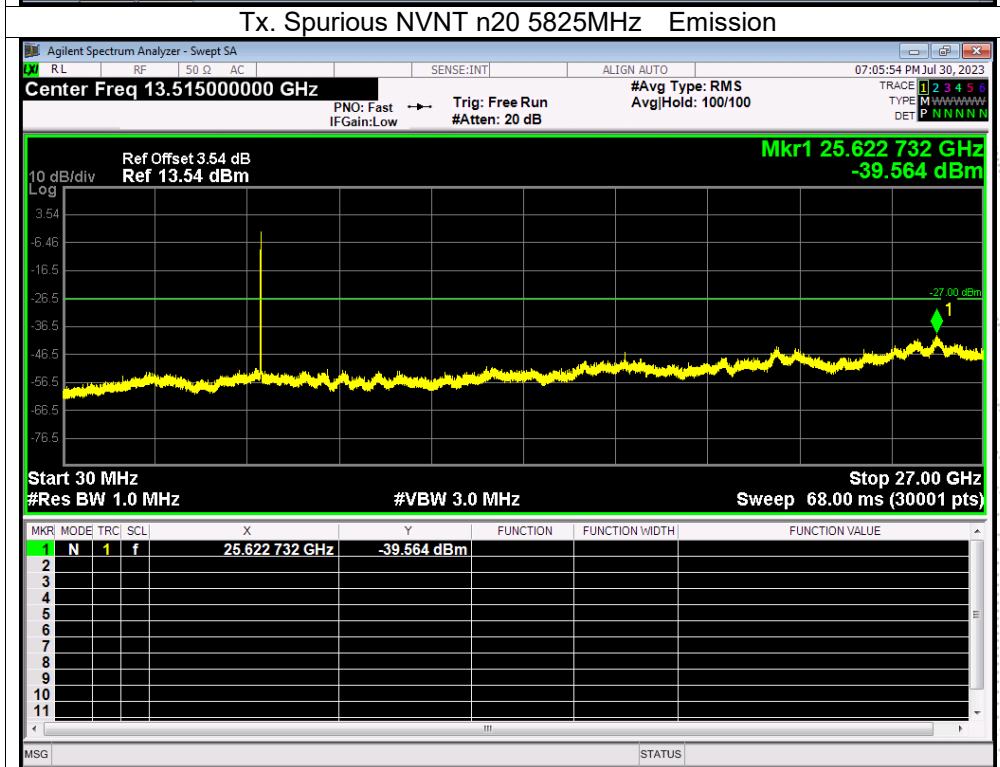
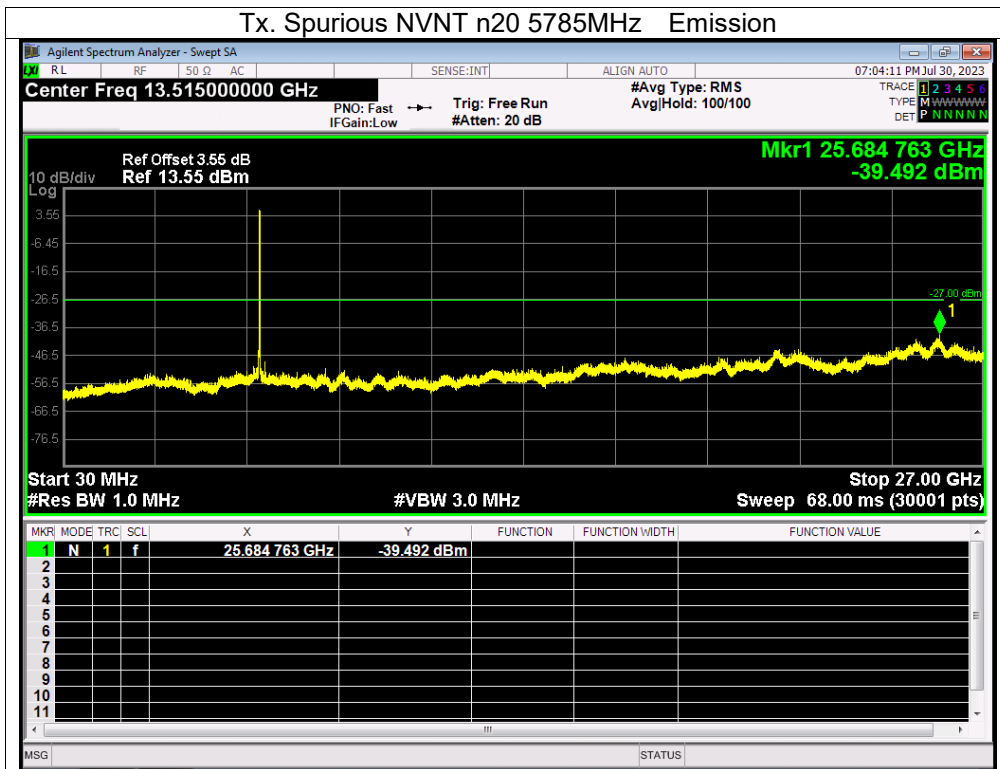


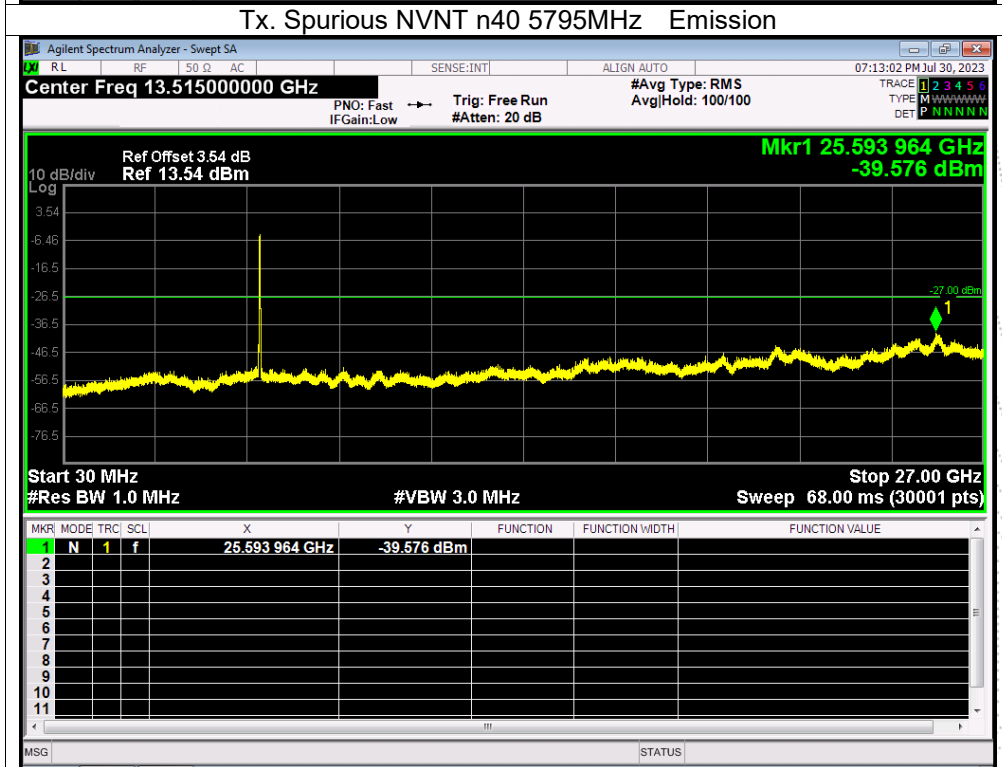
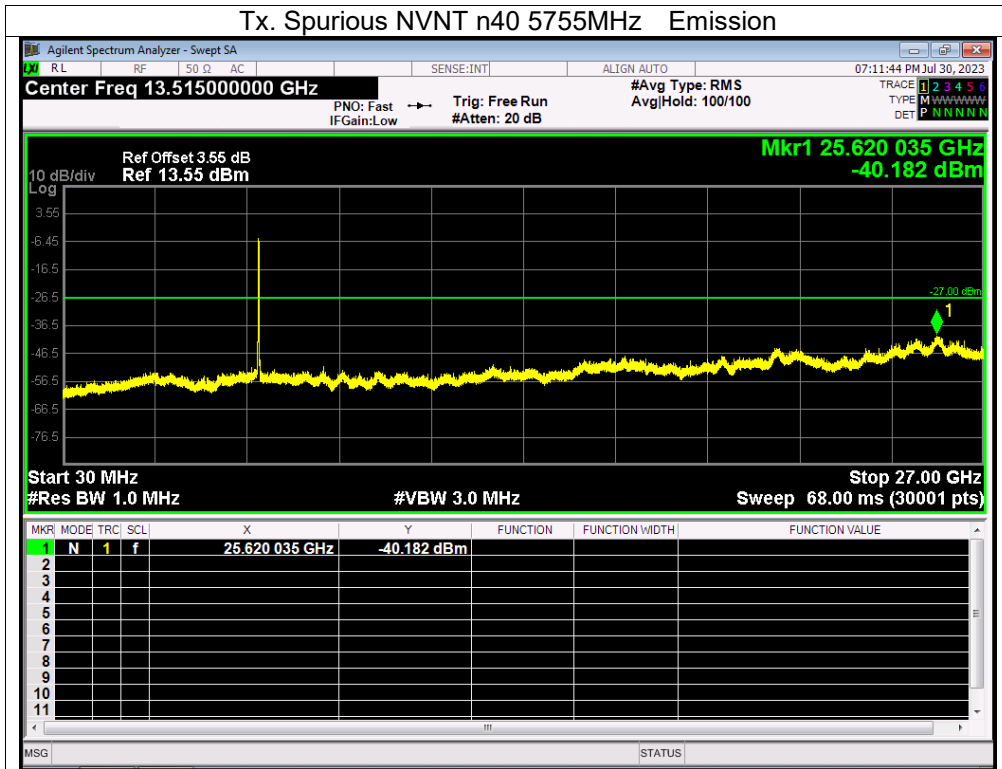


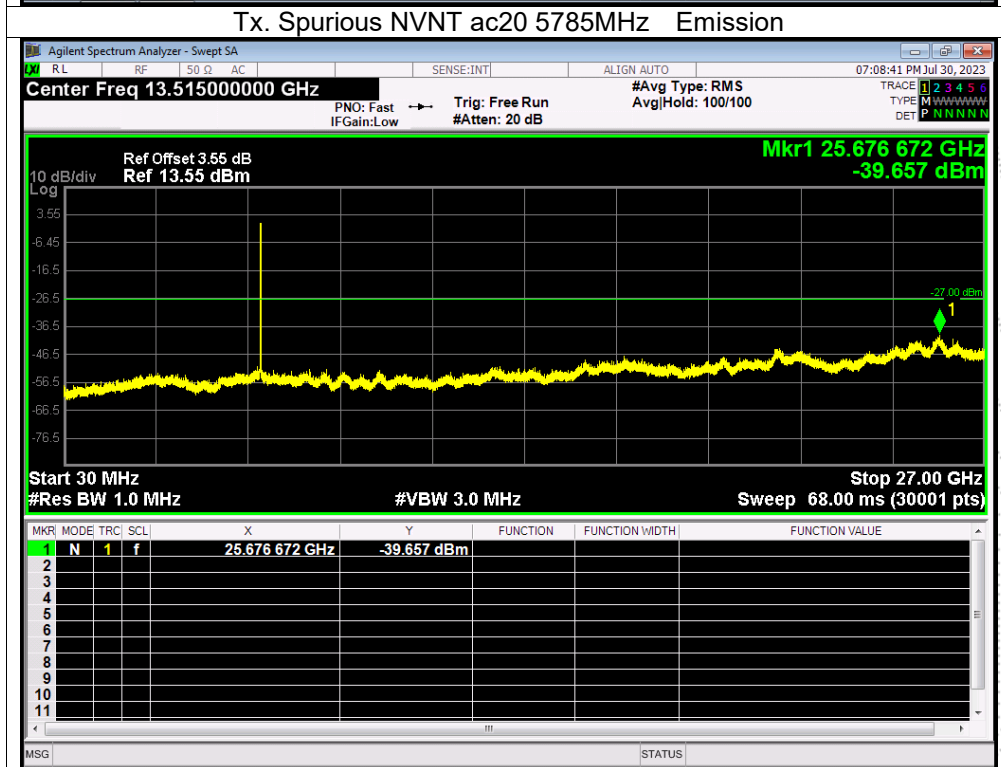
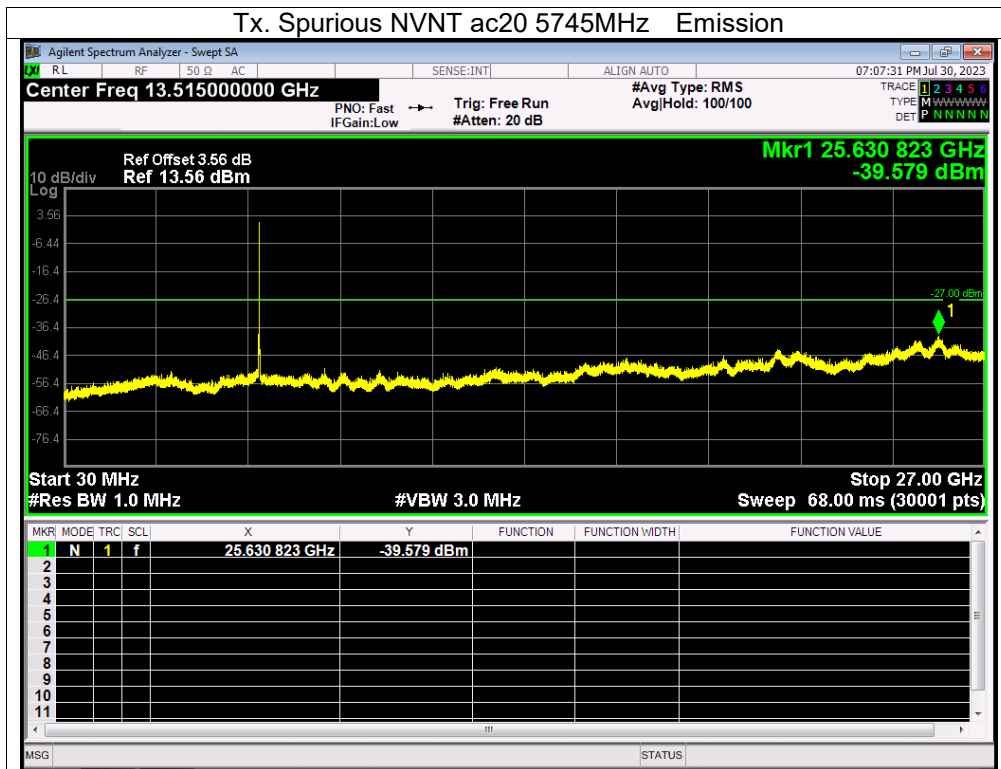
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5745-58250MHz

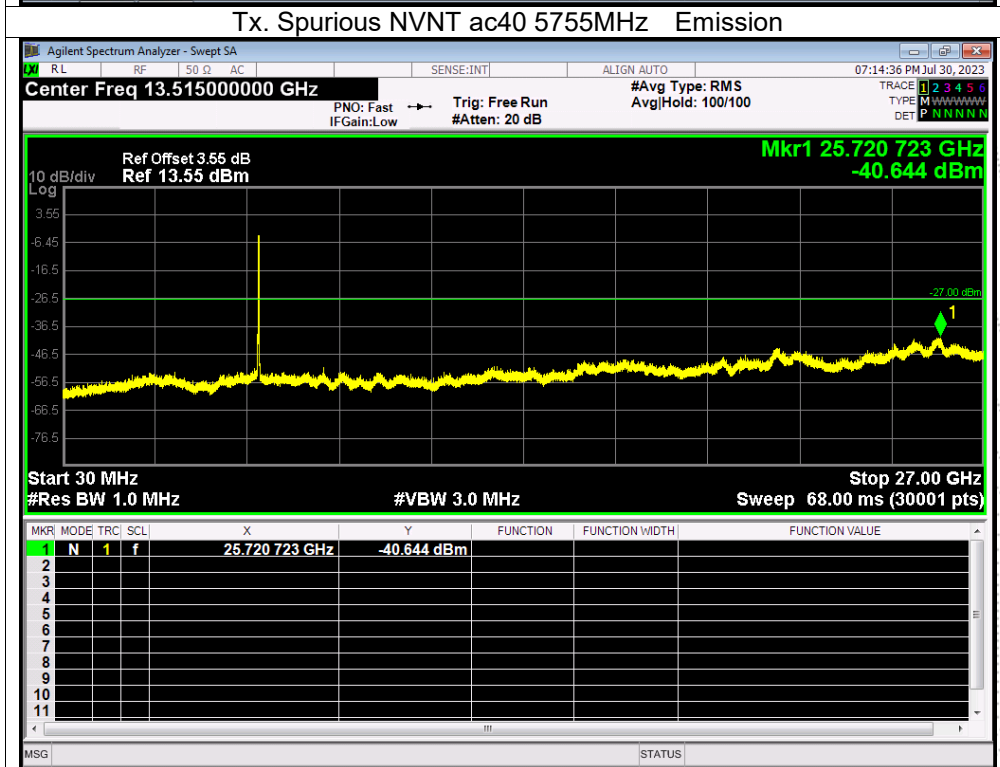
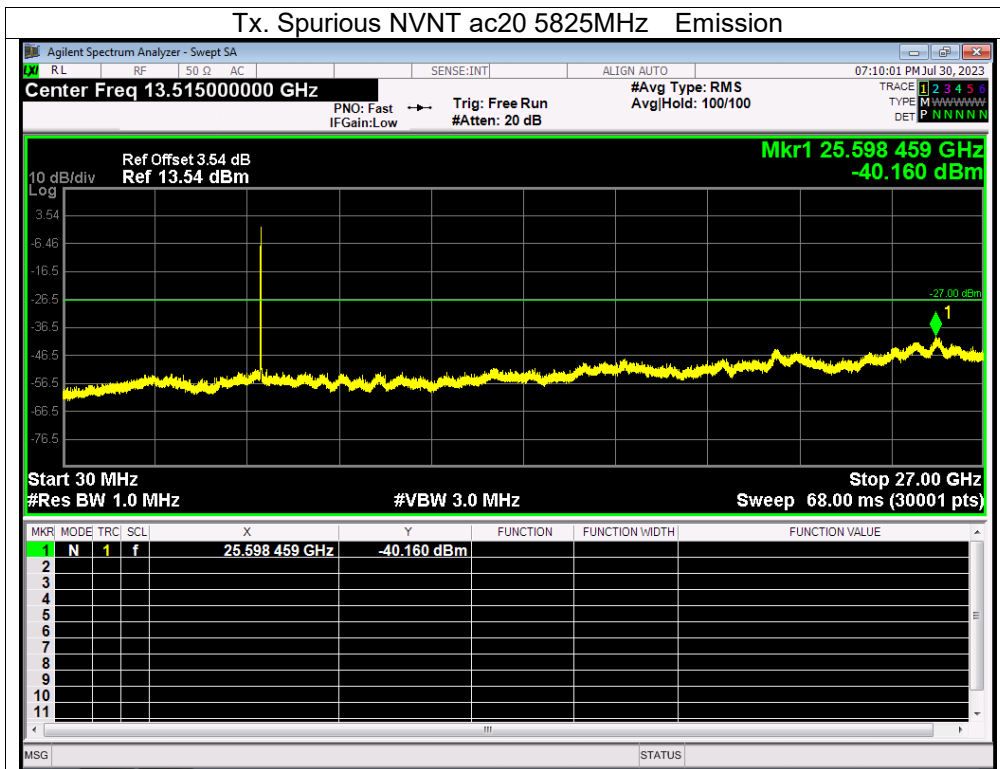


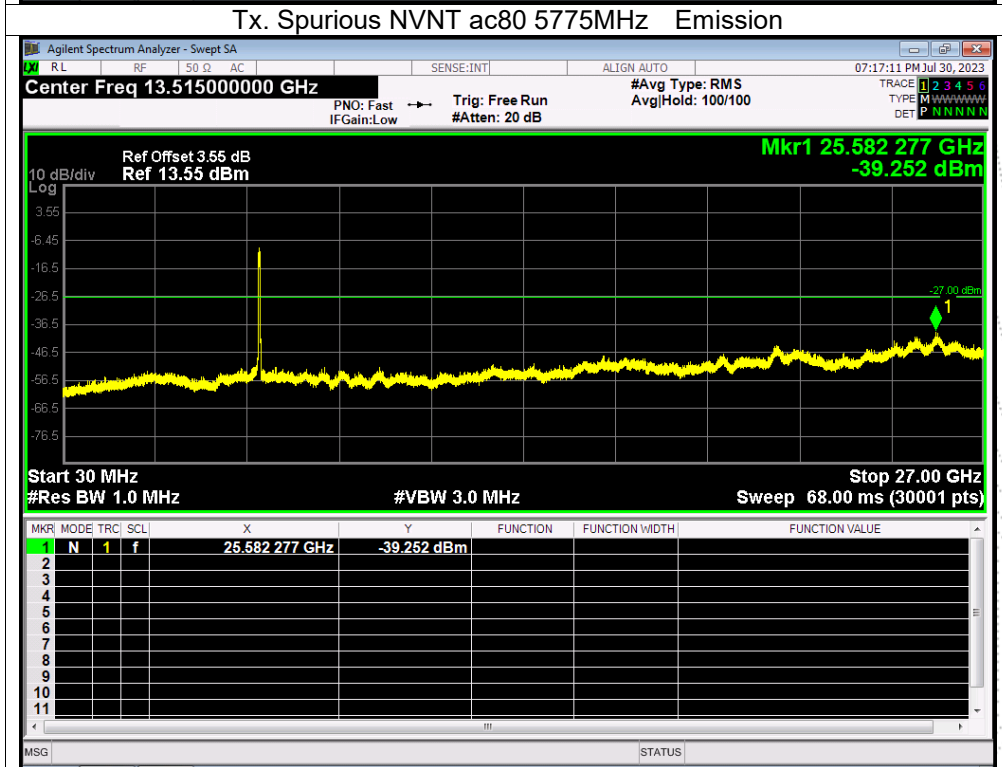
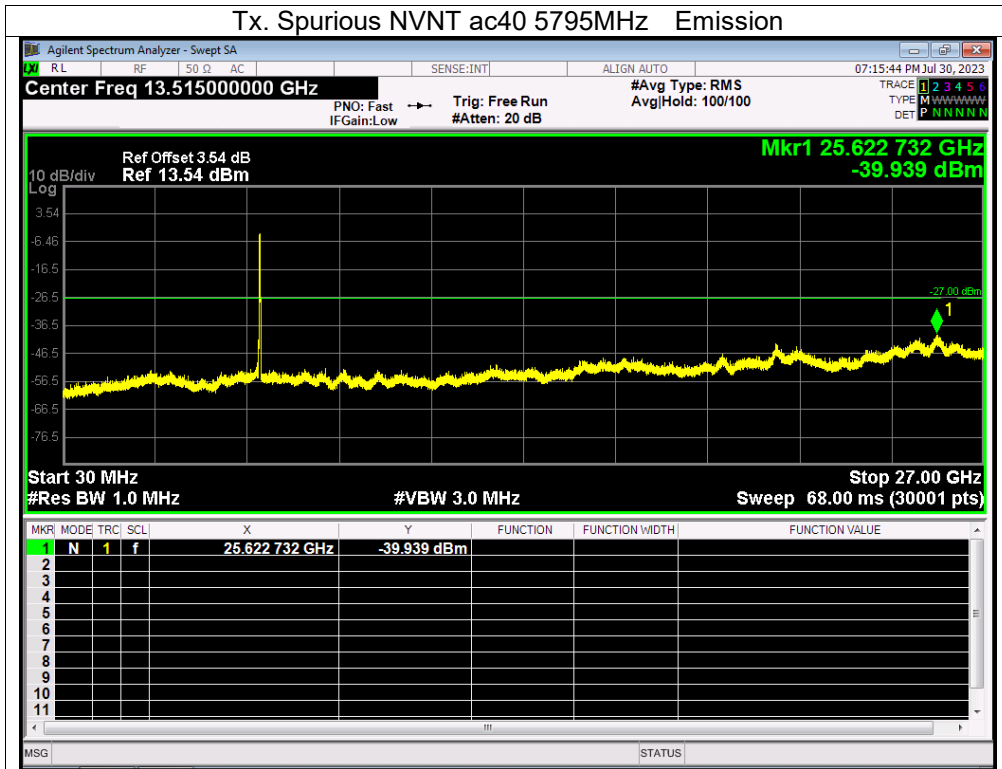












13. Frequency Stability Measurement

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)	120.00	5180.0086	5180	0.0086	1.6695
		V max (V)	138.00	5180.0115	5180	0.0115	2.2272
		V min (V)	102.00	5180.0080	5180	0.0080	1.5434
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	5180.0054	5180	0.0054	1.0497
		T (°C)	-10	5180.0071	5180	0.0071	1.3690
		T (°C)	0	5180.0030	5180	0.0030	0.5765
		T (°C)	10	5180.0023	5180	0.0023	0.4506
		T (°C)	20	5180.0021	5180	0.0021	0.3974
		T (°C)	30	5180.0101	5180	0.0101	1.9509
		T (°C)	40	5180.0004	5180	0.0004	0.0856
		T (°C)	50	5180.0068	5180	0.0068	1.3196
		T (°C)	60	5180.0096	5180	0.0096	1.8616
		T (°C)	70	5180.0106	5180	0.0106	2.0500
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)	120.00	5200.0106	5200	0.0106	2.0292
		V max (V)	138.00	5200.0021	5200	0.0021	0.3986
		V min (V)	102.00	5200.0029	5200	0.0029	0.5512
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

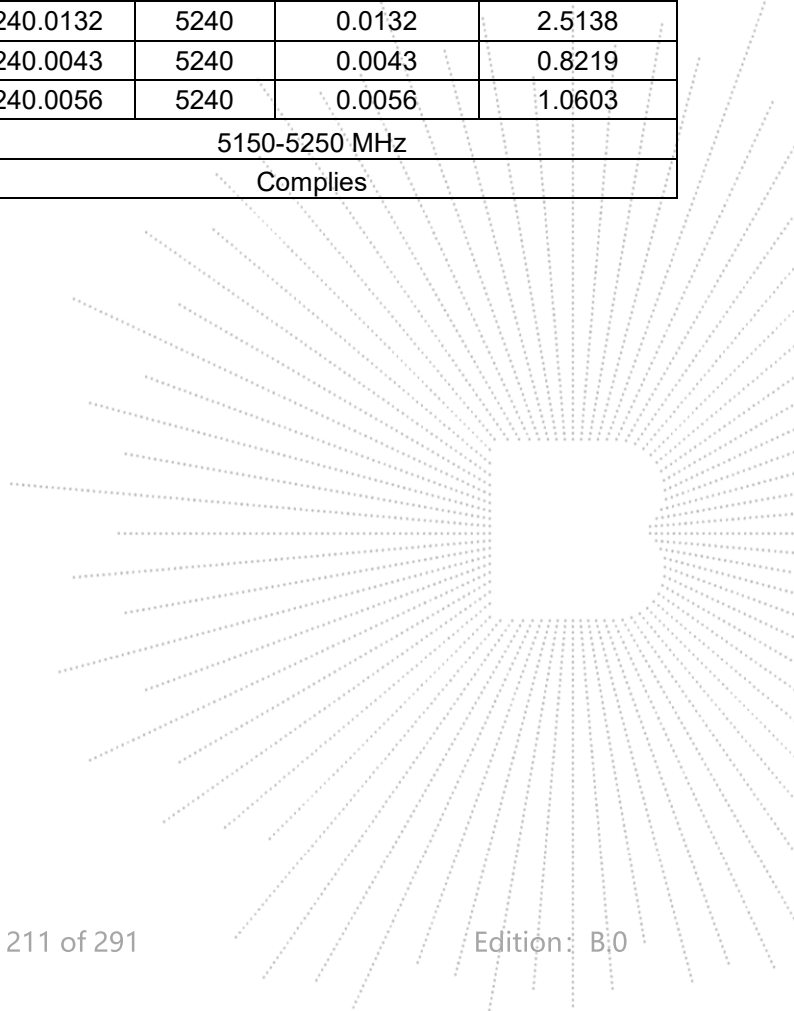
TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5200.00382	5200	0.00382	0.7344
		T (°C)	-10	5200.00864	5200	0.00864	1.6618
		T (°C)	0	5200.00511	5200	0.00511	0.9829
		T (°C)	10	5200.00181	5200	0.00181	0.3486
		T (°C)	20	5200.00847	5200	0.00847	1.6296
		T (°C)	30	5200.00235	5200	0.00235	0.4516
		T (°C)	40	5200.00672	5200	0.00672	1.2915
		T (°C)	50	5200.00911	5200	0.00911	1.7526
		T (°C)	60	5200.00745	5200	0.00745	1.4323
		T (°C)	70	5200.00647	5200	0.00647	1.2449
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)	120.00	5240.0119	5240	0.0119	2.2789
		V max (V)	138.00	5240.0073	5240	0.0073	1.3904
		V min (V)	102.00	5240.0075	5240	0.0075	1.4218
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	5240.0100	5240	0.0100	1.9108
		T (°C)	-10	5240.0055	5240	0.0055	1.0444
		T (°C)	0	5240.0003	5240	0.0003	0.0648
		T (°C)	10	5240.0053	5240	0.0053	1.0118
		T (°C)	20	5240.0029	5240	0.0029	0.5569
		T (°C)	30	5240.0050	5240	0.0050	0.9569
		T (°C)	40	5240.0133	5240	0.0133	2.5472
		T (°C)	50	5240.0132	5240	0.0132	2.5138
		T (°C)	60	5240.0043	5240	0.0043	0.8219
		T (°C)	70	5240.0056	5240	0.0056	1.0603
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	5260.0177	5260	0.0177	3.3664
		V max (V)	138.00	5260.0064	5260	0.0064	1.2260
		V min (V)	102.00	5260.0002	5260	0.0002	0.0323
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	5260.0037	5260	0.0037	0.6983
		T (°C)	-10	5260.0004	5260	0.0004	0.0837
		T (°C)	0	5260.0036	5260	0.0036	0.6758
		T (°C)	10	5260.0032	5260	0.0032	0.6054
		T (°C)	20	5260.0120	5260	0.0120	2.2838
		T (°C)	30	5260.0052	5260	0.0052	0.9845
		T (°C)	40	5260.0080	5260	0.0080	1.5132
		T (°C)	50	5260.0022	5260	0.0022	0.4148
		T (°C)	60	5260.0002	5260	0.0002	0.0292
		T (°C)	70	5260.0030	5260	0.0030	0.5755
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	5280.0019	5280	0.0019	0.3637
		V max (V)	138.00	5280.0090	5280	0.0090	1.7118
		V min (V)	102.00	5280.0017	5280	0.0017	0.3299
Limits				5260-5320 MHz			
Result				Complies			

Temperature vs. Frequency Stability

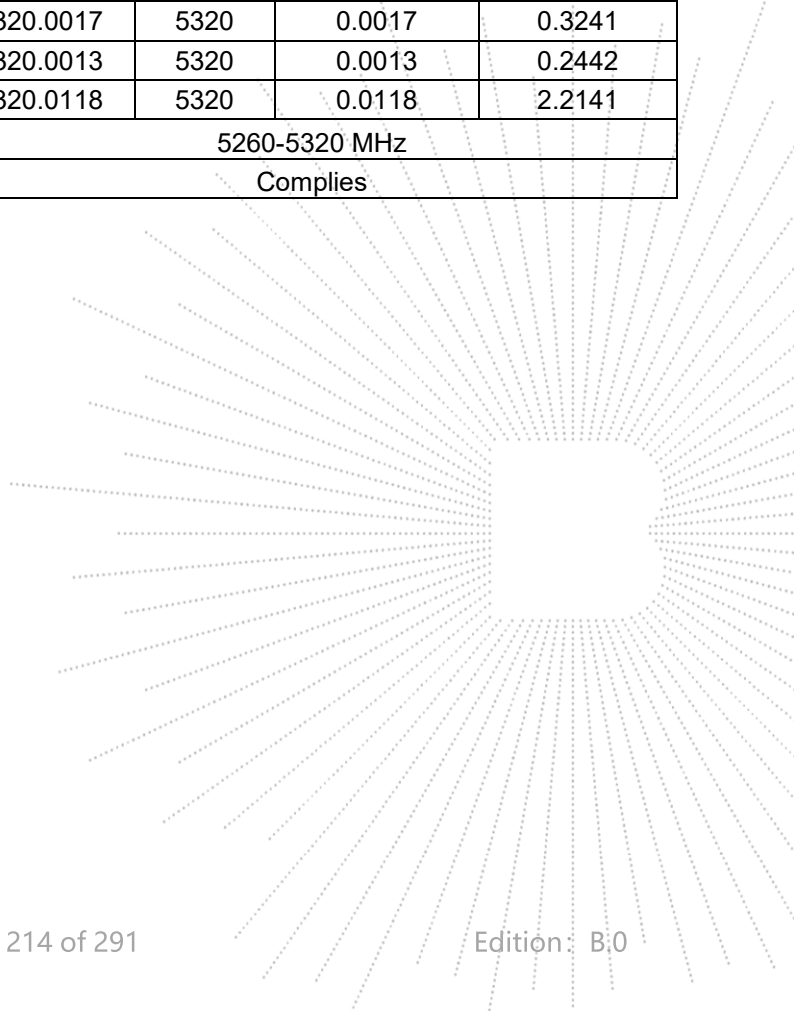
TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5280.00569	5280	0.00569	1.0781
		T (°C)	-10	5280.01263	5280	0.01263	2.3915
		T (°C)	0	5280.00577	5280	0.00577	1.0929
		T (°C)	10	5280.00042	5280	0.00042	0.0804
		T (°C)	20	5280.00432	5280	0.00432	0.8177
		T (°C)	30	5280.01226	5280	0.01226	2.3215
		T (°C)	40	5280.01072	5280	0.01072	2.0297
		T (°C)	50	5280.00331	5280	0.00331	0.6263
		T (°C)	60	5280.00251	5280	0.00251	0.4751
		T (°C)	70	5280.00766	5280	0.00766	1.4508
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	5320.0026	5320	0.0026	0.4932
		V max (V)	138.00	5320.0012	5320	0.0012	0.2262
		V min (V)	102.00	5320.0041	5320	0.0041	0.7800
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	5320.0004	5320	0.0004	0.0667
		T (°C)	-10	5320.0094	5320	0.0094	1.7672
		T (°C)	0	5320.0118	5320	0.0118	2.2255
		T (°C)	10	5320.0066	5320	0.0066	1.2319
		T (°C)	20	5320.0026	5320	0.0026	0.4917
		T (°C)	30	5320.0020	5320	0.0020	0.3825
		T (°C)	40	5320.0114	5320	0.0114	2.1436
		T (°C)	50	5320.0017	5320	0.0017	0.3241
		T (°C)	60	5320.0013	5320	0.0013	0.2442
		T (°C)	70	5320.0118	5320	0.0118	2.2141
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	5500.0102	5500	0.0102	1.8508
		V max (V)	138.00	5500.0049	5500	0.0049	0.8970
		V min (V)	102.00	5500.0133	5500	0.0133	2.4253
Limits				5500-5700 MHz			
Result				Complies			

Temperature vs. Frequency Stability

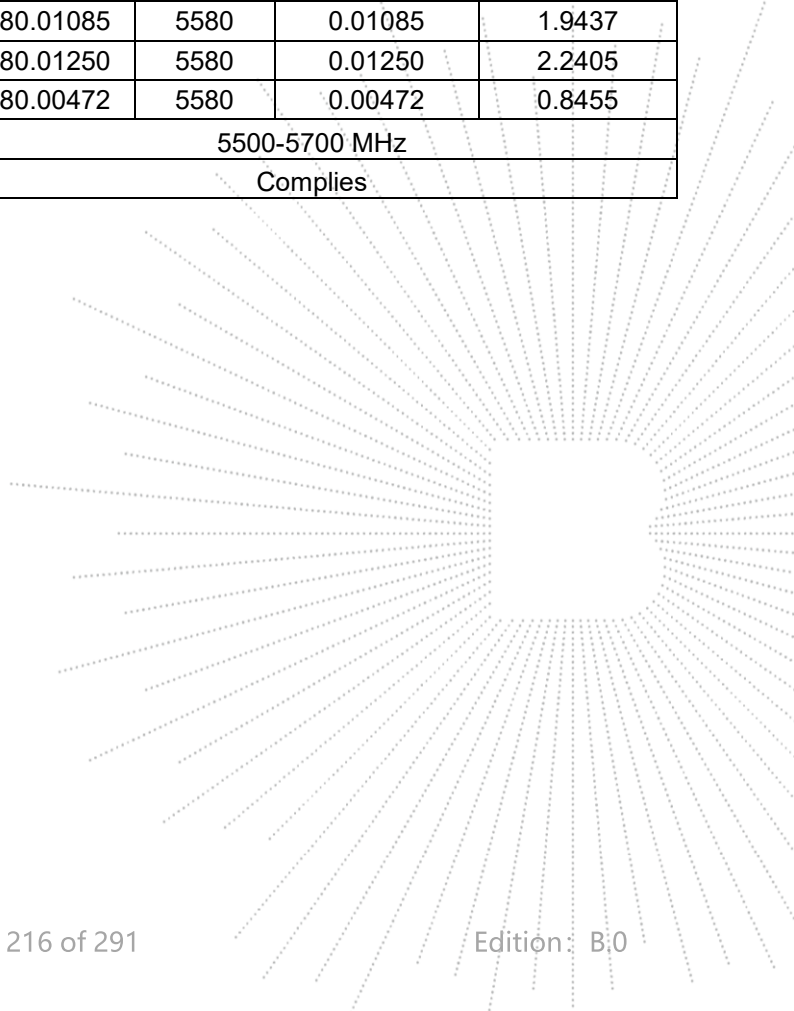
TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5500.0023	5500	0.0023	0.4260
		T (°C)	-10	5500.0107	5500	0.0107	1.9375
		T (°C)	0	5500.0078	5500	0.0078	1.4225
		T (°C)	10	5500.0091	5500	0.0091	1.6457
		T (°C)	20	5500.0037	5500	0.0037	0.6753
		T (°C)	30	5500.0029	5500	0.0029	0.5276
		T (°C)	40	5500.0060	5500	0.0060	1.0983
		T (°C)	50	5500.0095	5500	0.0095	1.7317
		T (°C)	60	5500.0070	5500	0.0070	1.2656
		T (°C)	70	5500.0053	5500	0.0053	0.9637
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	5580.0119	5580	0.0119	2.1269
		V max (V)	138.00	5580.0026	5580	0.0026	0.4666
		V min (V)	102.00	5580.0048	5580	0.0048	0.8647
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	5580.00737	5580	0.00737	1.3213
		T (°C)	-10	5580.01221	5580	0.01221	2.1879
		T (°C)	0	5580.00384	5580	0.00384	0.6878
		T (°C)	10	5580.01189	5580	0.01189	2.1305
		T (°C)	20	5580.00223	5580	0.00223	0.3988
		T (°C)	30	5580.00241	5580	0.00241	0.4323
		T (°C)	40	5580.00680	5580	0.00680	1.2191
		T (°C)	50	5580.01085	5580	0.01085	1.9437
		T (°C)	60	5580.01250	5580	0.01250	2.2405
		T (°C)	70	5580.00472	5580	0.00472	0.8455
Limits				5500-5700 MHz			
Result				Complies			

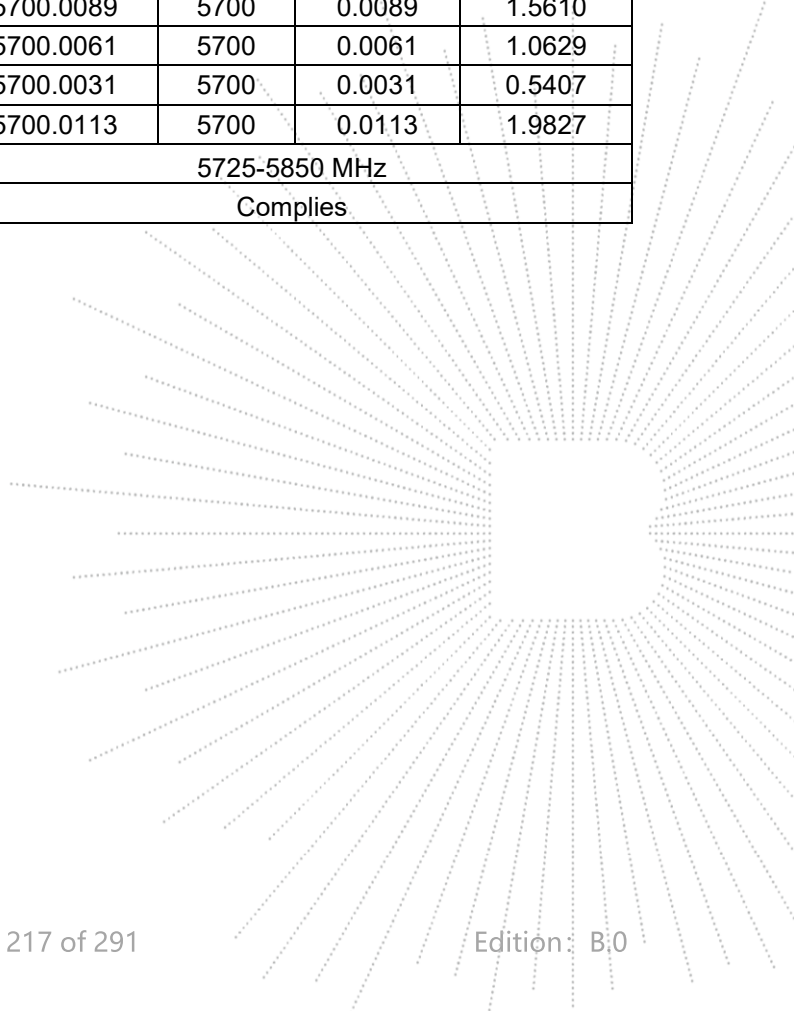


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5700.0065	5700	0.0065	1.1448
		V max (V)	138.00	5700.0096	5700	0.0096	1.6873
		V min (V)	102.00	5700.0121	5700	0.0121	2.1221
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	5700.0056	5700	0.0056	0.9794
		T (°C)	-10	5700.0069	5700	0.0069	1.2072
		T (°C)	0	5700.0049	5700	0.0049	0.8602
		T (°C)	10	5700.0096	5700	0.0096	1.6902
		T (°C)	20	5700.0081	5700	0.0081	1.4187
		T (°C)	30	5700.0117	5700	0.0117	2.0558
		T (°C)	40	5700.0089	5700	0.0089	1.5610
		T (°C)	50	5700.0061	5700	0.0061	1.0629
		T (°C)	60	5700.0031	5700	0.0031	0.5407
		T (°C)	70	5700.0113	5700	0.0113	1.9827
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	5745.00343	5745	0.00343	0.5978
		V max (V)	138.00	5745.00738	5745	0.00738	1.2841
		V min (V)	102.00	5745.01124	5745	0.01124	1.9559
Limits				5725-5850 MHz			
Result				Complies			

Temperature vs. Frequency Stability

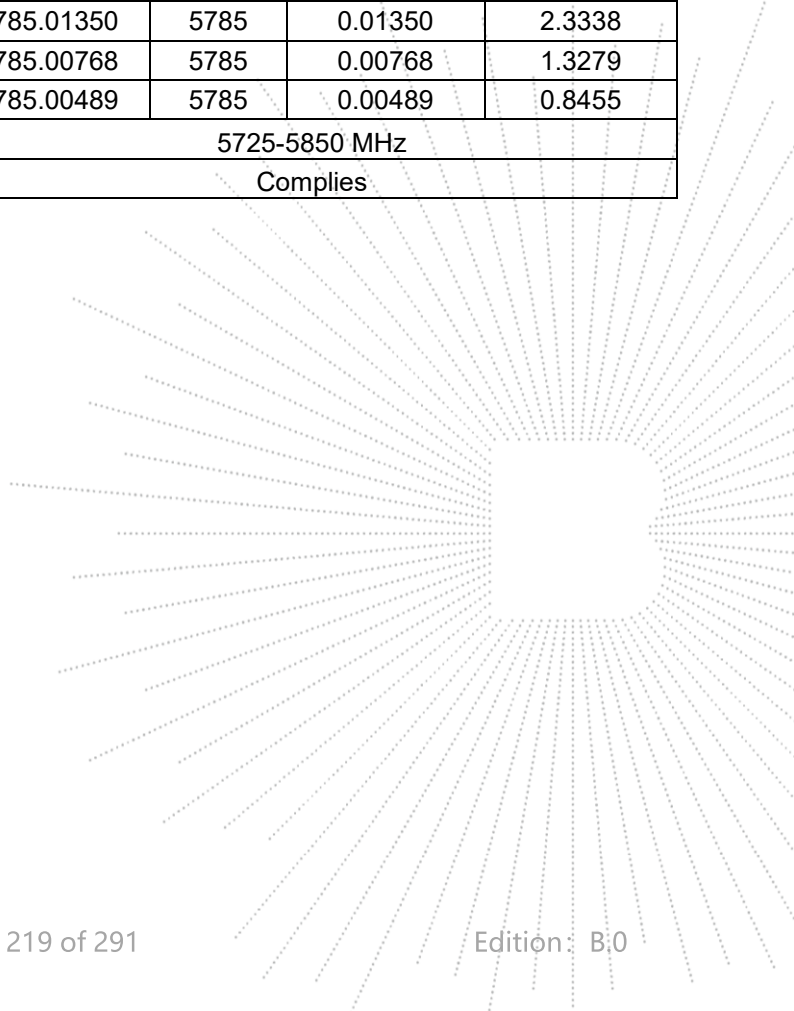
TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	-20	5745.00708	5745	0.00708	1.2325
		T (°C)	-10	5745.01300	5745	0.01300	2.2635
		T (°C)	0	5745.00648	5745	0.00648	1.1285
		T (°C)	10	5745.01317	5745	0.01317	2.2924
		T (°C)	20	5745.00335	5745	0.00335	0.5831
		T (°C)	30	5745.01198	5745	0.01198	2.0858
		T (°C)	40	5745.00840	5745	0.00840	1.4619
		T (°C)	50	5745.00194	5745	0.00194	0.3379
		T (°C)	60	5745.00615	5745	0.00615	1.0702
		T (°C)	70	5745.00960	5745	0.00960	1.6712
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	5785.00390	5785	0.00390	0.6749
		V max (V)	138.00	5785.00149	5785	0.00149	0.2571
		V min (V)	102.00	5785.01346	5785	0.01346	2.3265
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	5785.01219	5785	0.01219	2.1072
		T (°C)	-10	5785.01054	5785	0.01054	1.8220
		T (°C)	0	5785.00649	5785	0.00649	1.1213
		T (°C)	10	5785.00453	5785	0.00453	0.7832
		T (°C)	20	5785.00196	5785	0.00196	0.3390
		T (°C)	30	5785.01032	5785	0.01032	1.7846
		T (°C)	40	5785.00333	5785	0.00333	0.5758
		T (°C)	50	5785.01350	5785	0.01350	2.3338
		T (°C)	60	5785.00768	5785	0.00768	1.3279
		T (°C)	70	5785.00489	5785	0.00489	0.8455
Limits				5725-5850 MHz			
Result				Complies			

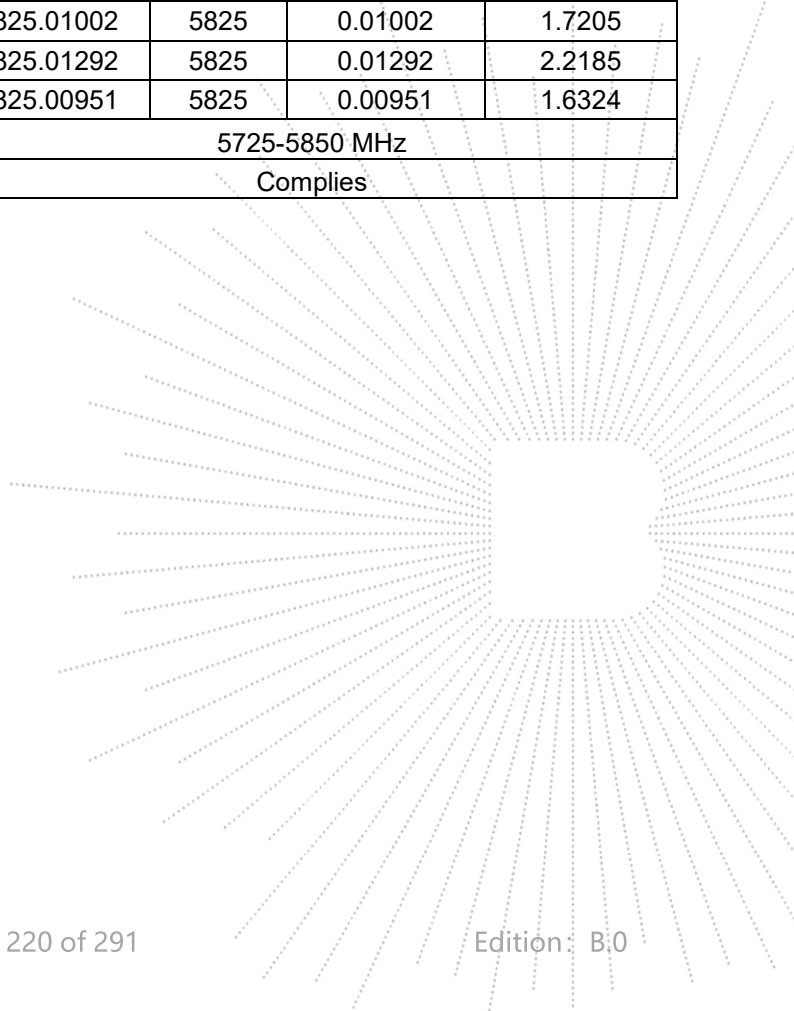


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5825.01200	5825	0.01200	2.0609
		V max (V)	138.00	5825.00160	5825	0.00160	0.2739
		V min (V)	102.00	5825.00590	5825	0.00590	1.0121
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	5825.01355	5825	0.01355	2.3263
		T (°C)	-10	5825.00824	5825	0.00824	1.4152
		T (°C)	0	5825.00820	5825	0.00820	1.4072
		T (°C)	10	5825.00287	5825	0.00287	0.4933
		T (°C)	20	5825.00876	5825	0.00876	1.5034
		T (°C)	30	5825.00671	5825	0.00671	1.1512
		T (°C)	40	5825.00317	5825	0.00317	0.5445
		T (°C)	50	5825.01002	5825	0.01002	1.7205
		T (°C)	60	5825.01292	5825	0.01292	2.2185
		T (°C)	70	5825.00951	5825	0.00951	1.6324
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

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

