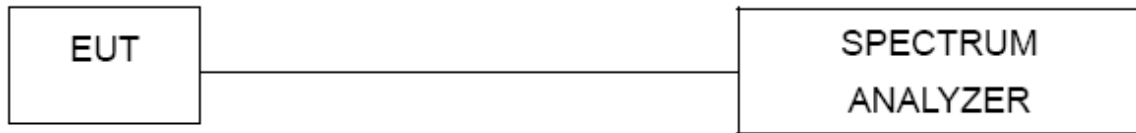


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12. Spurious RF Conducted Emissions

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

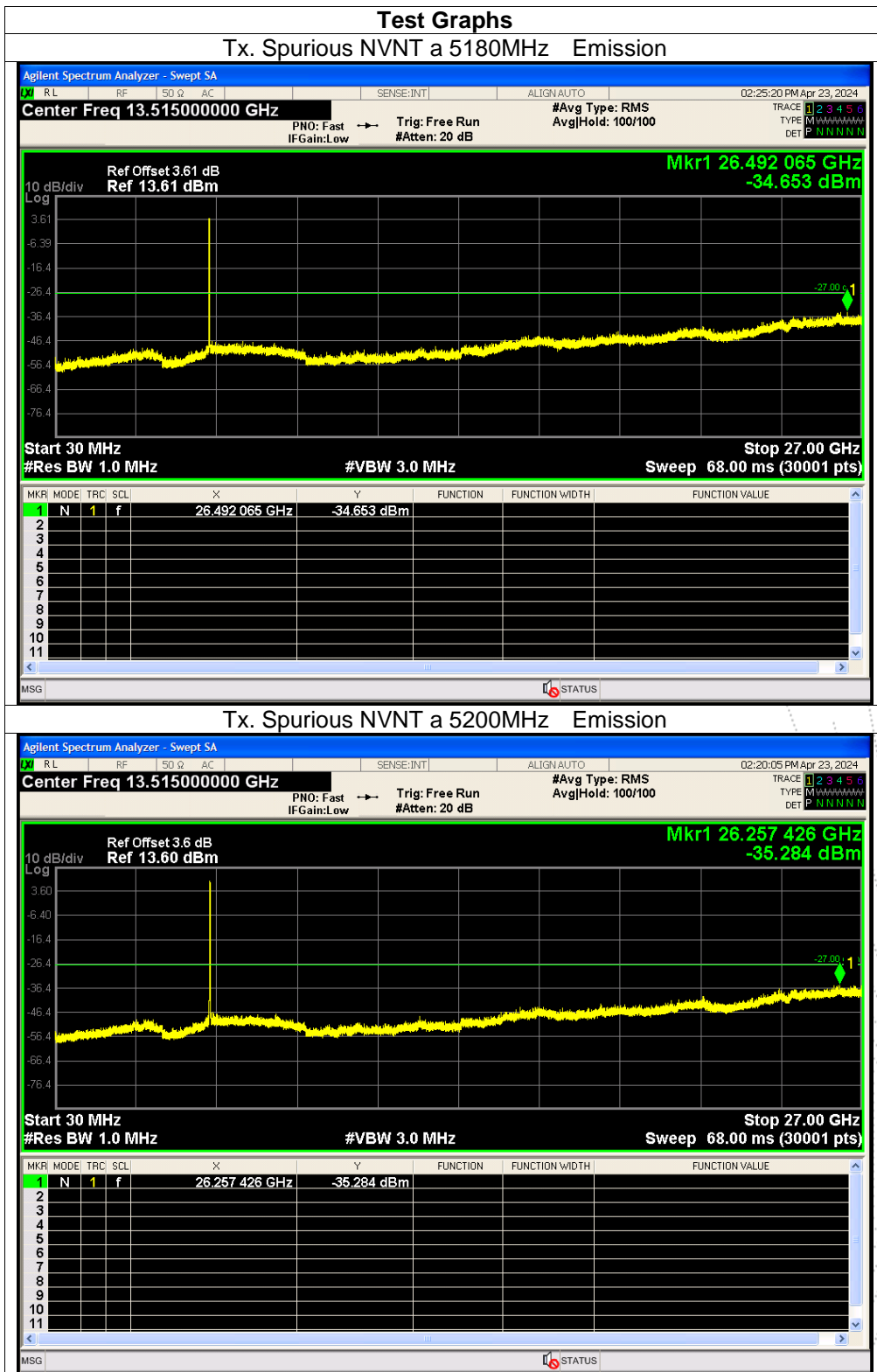
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then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

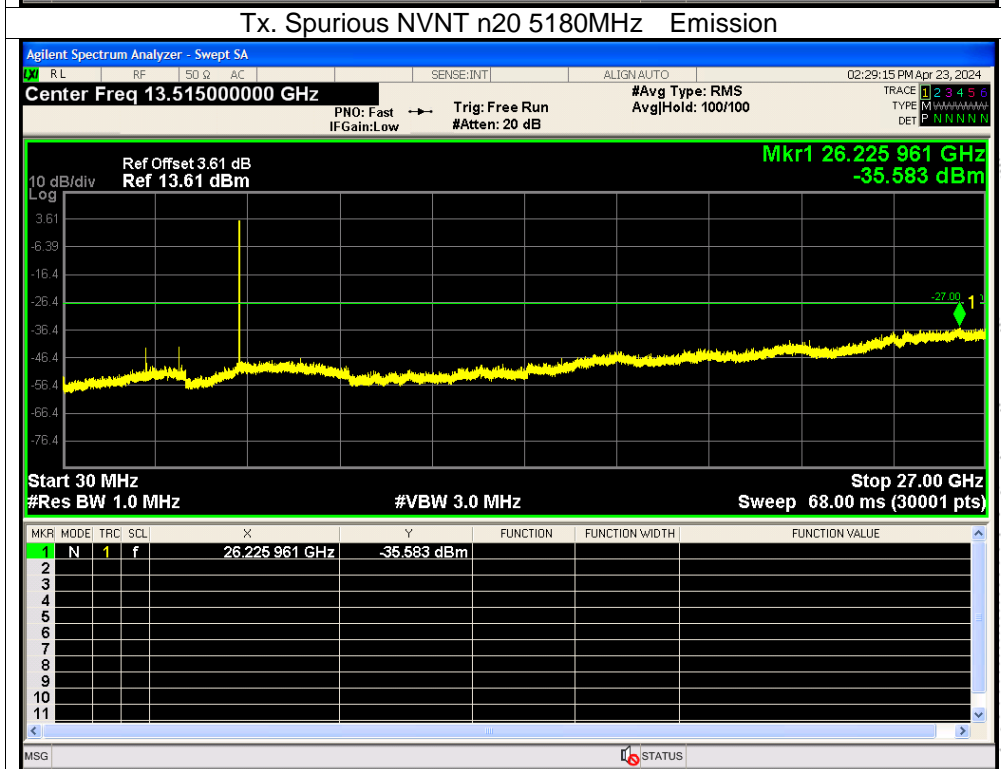
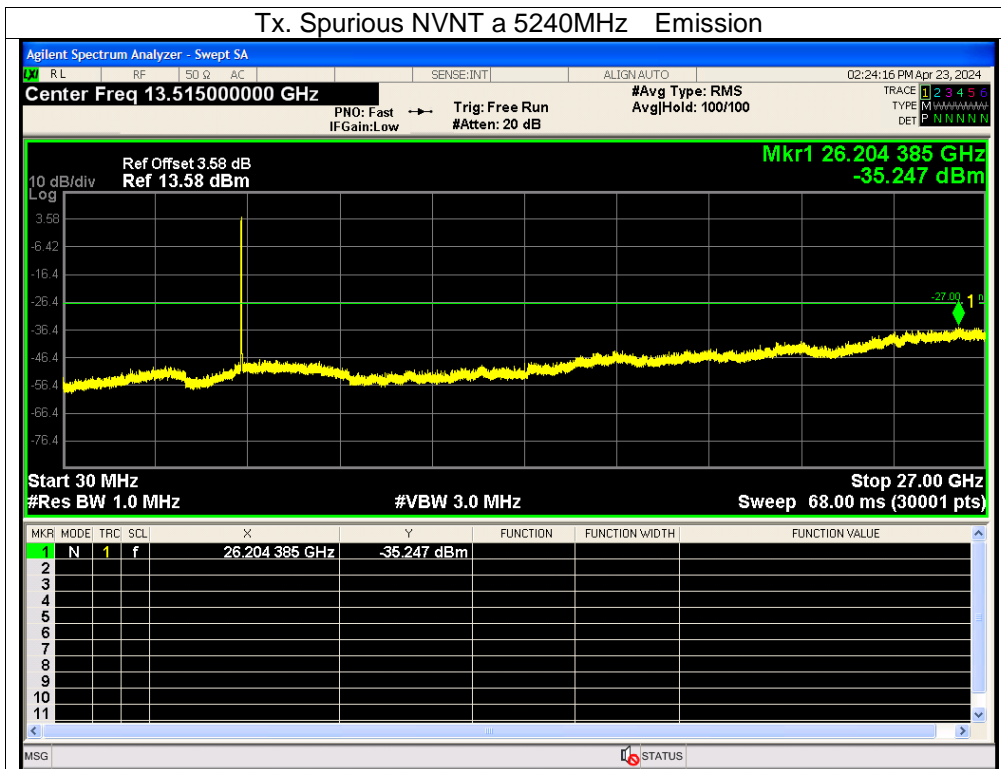
12.4 Test Result

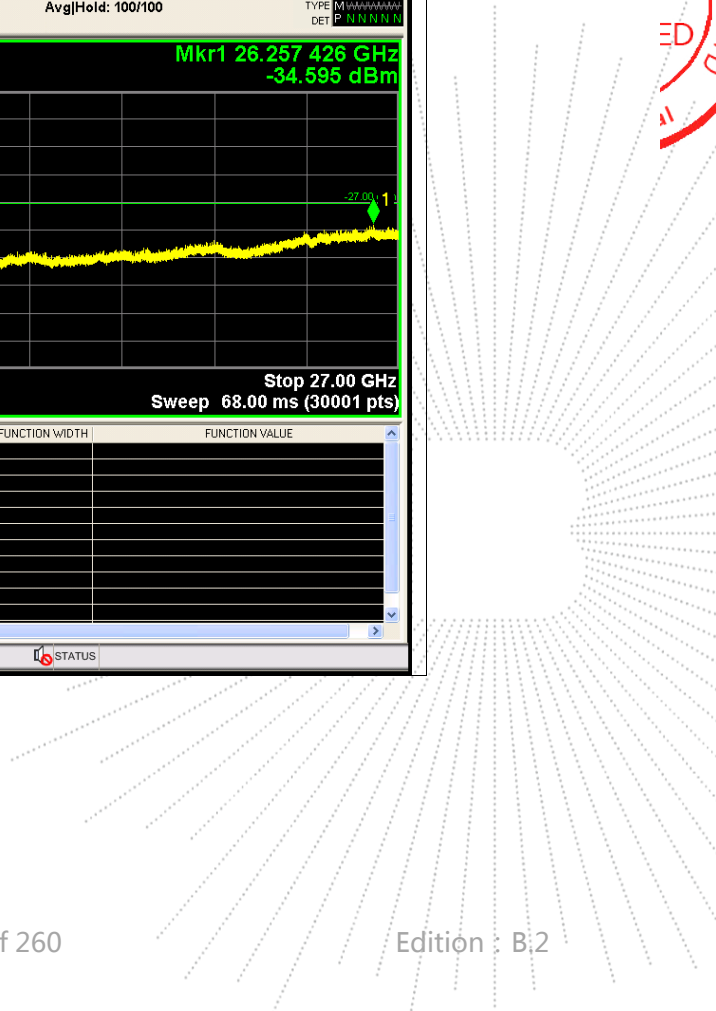
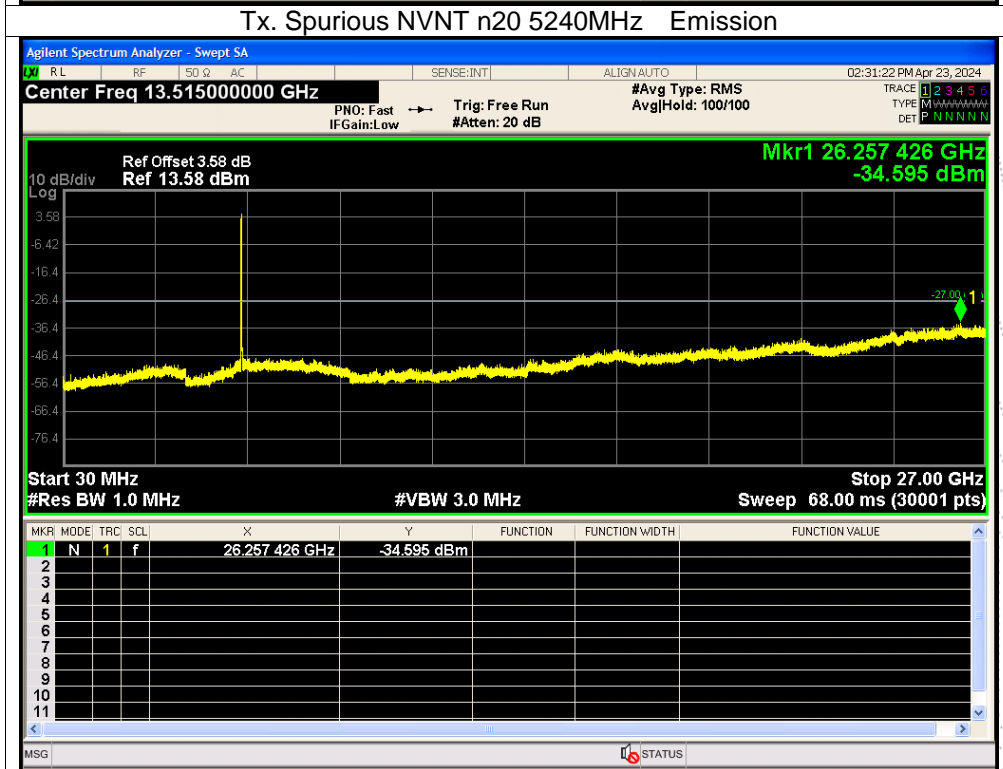
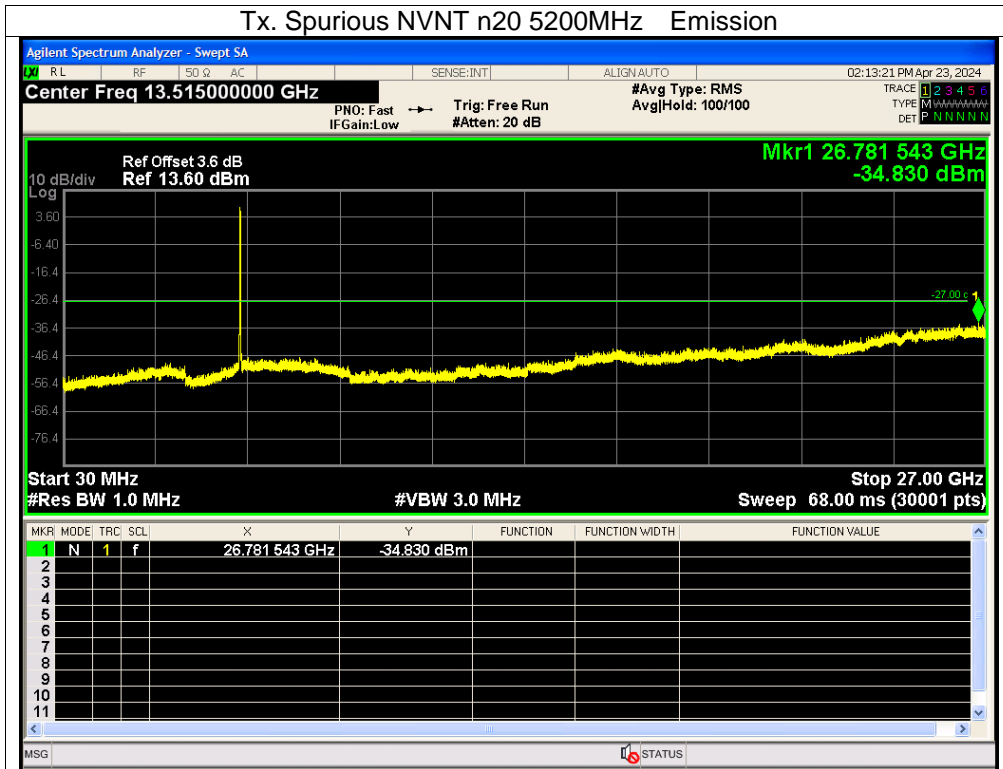
Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.

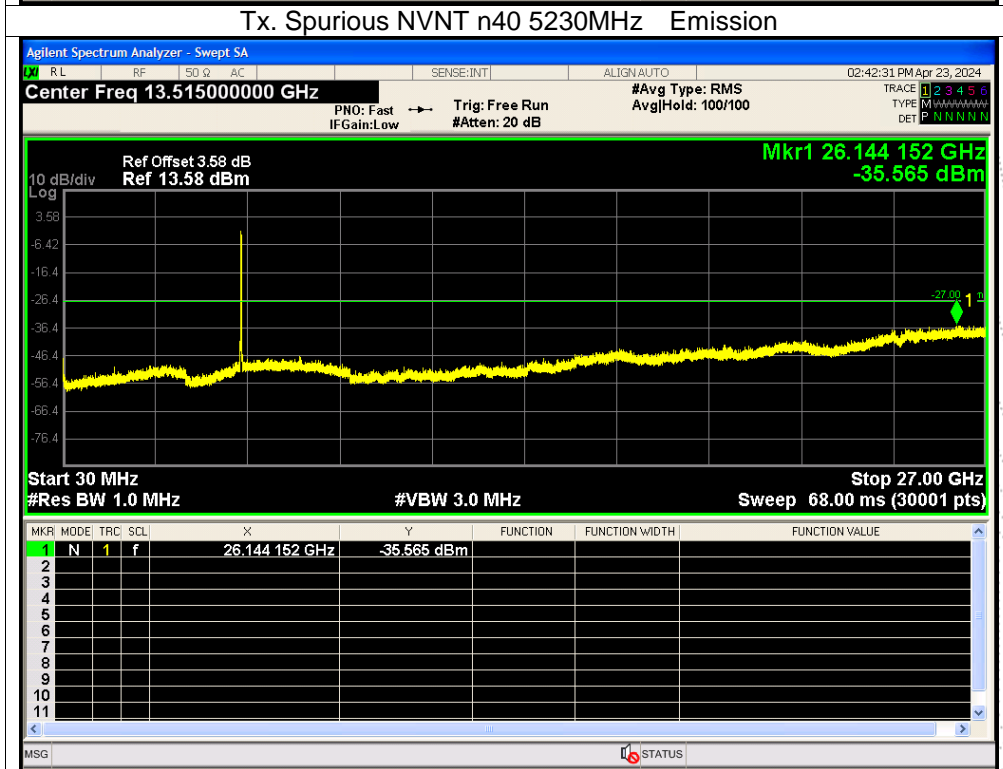
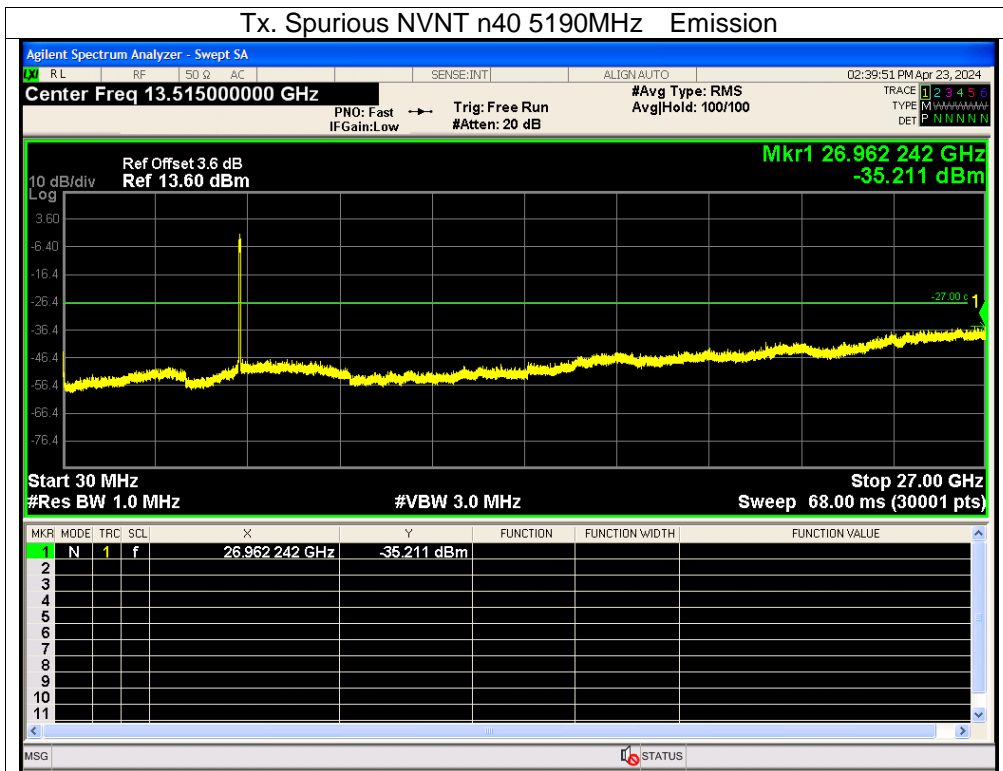
About: 26.5GHz-40GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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

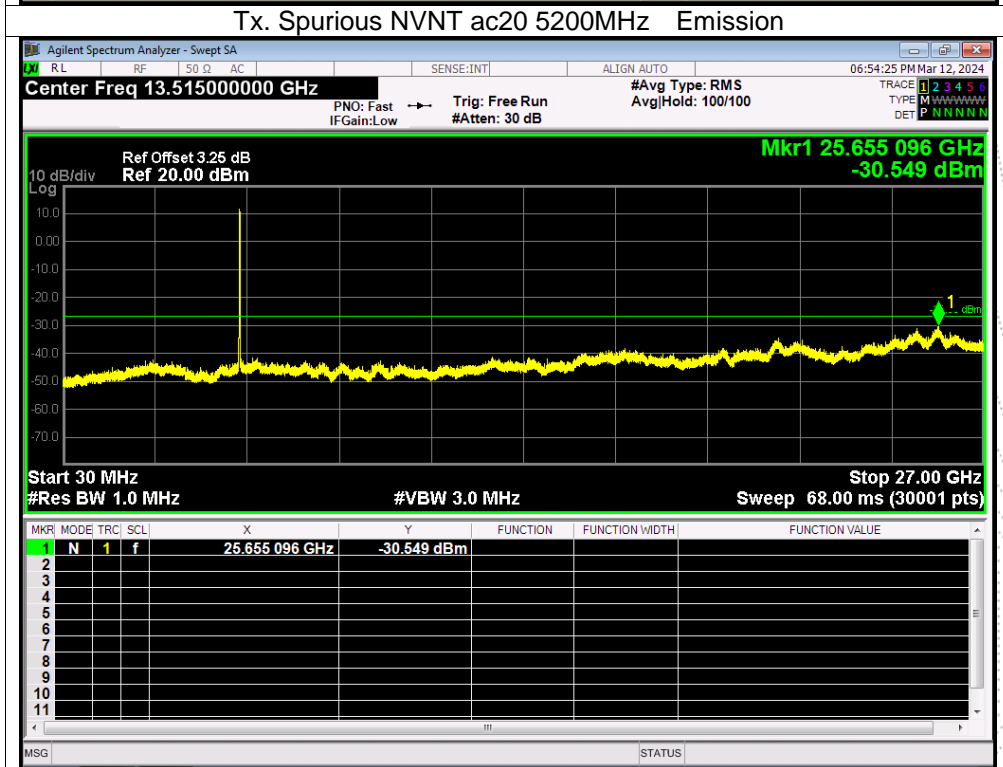
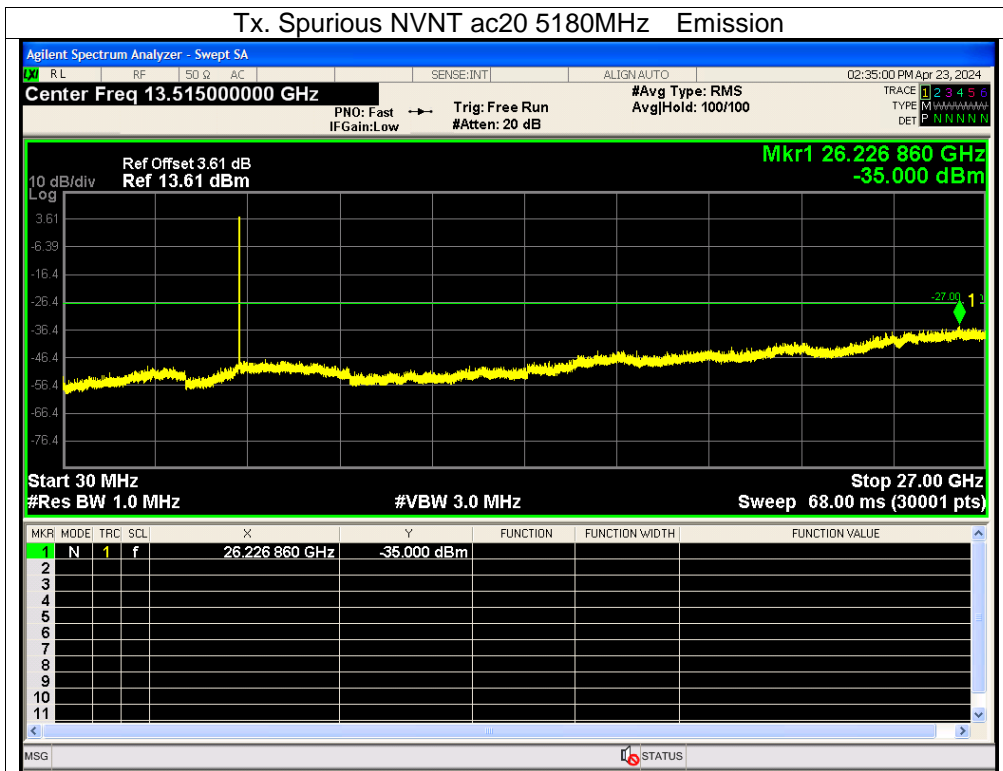




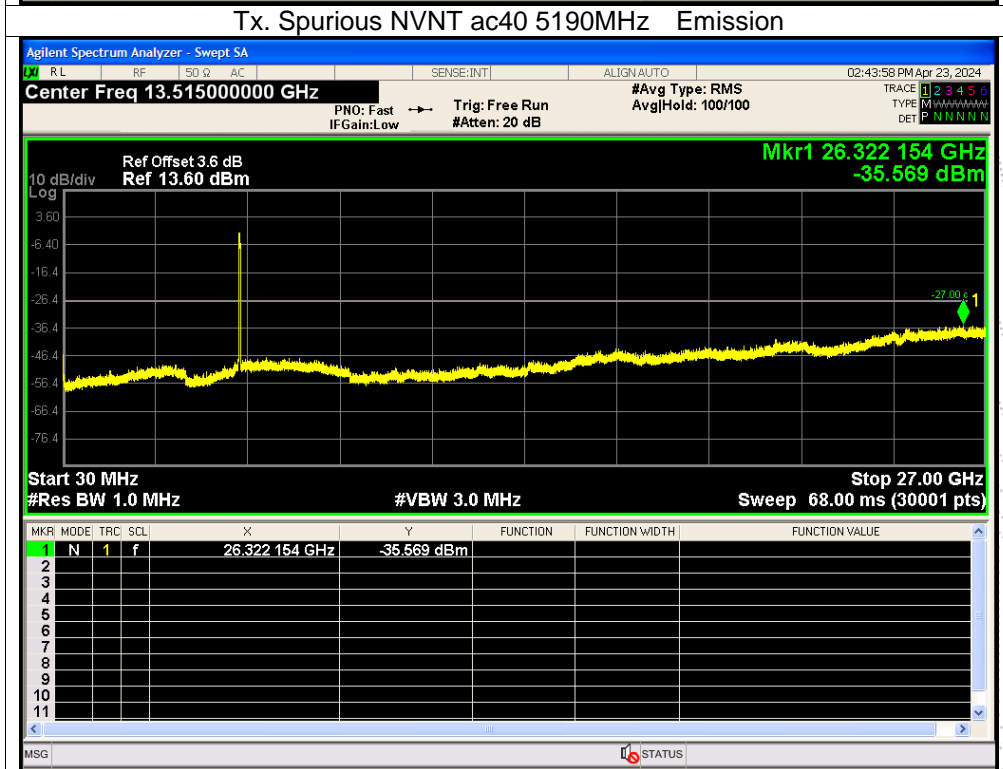
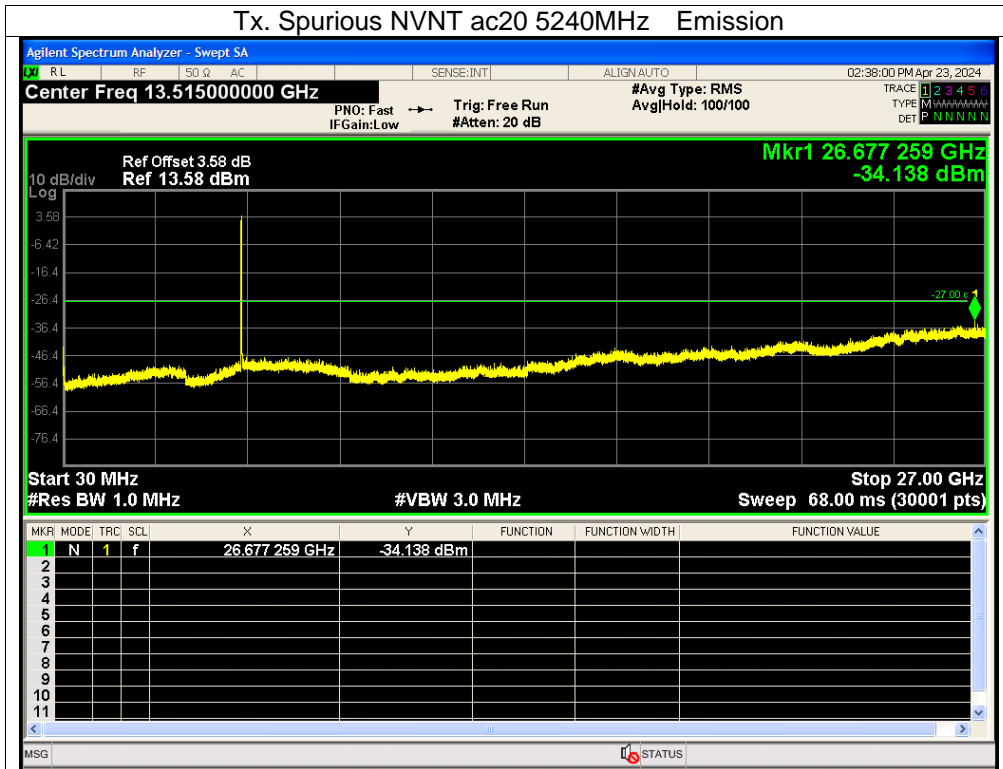


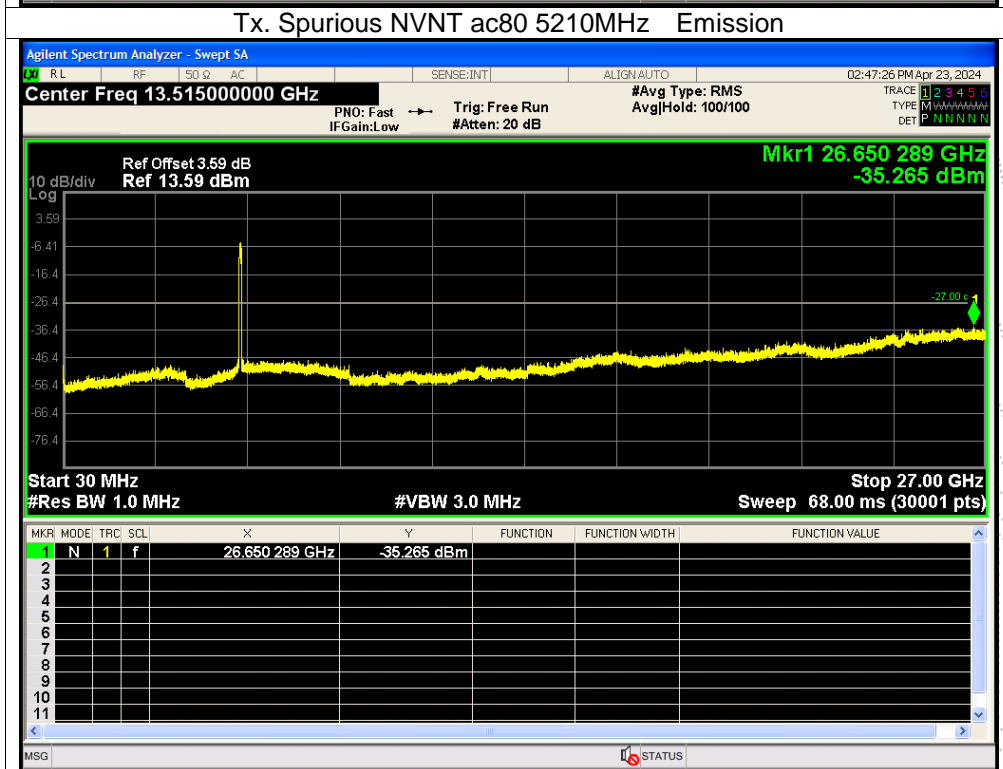
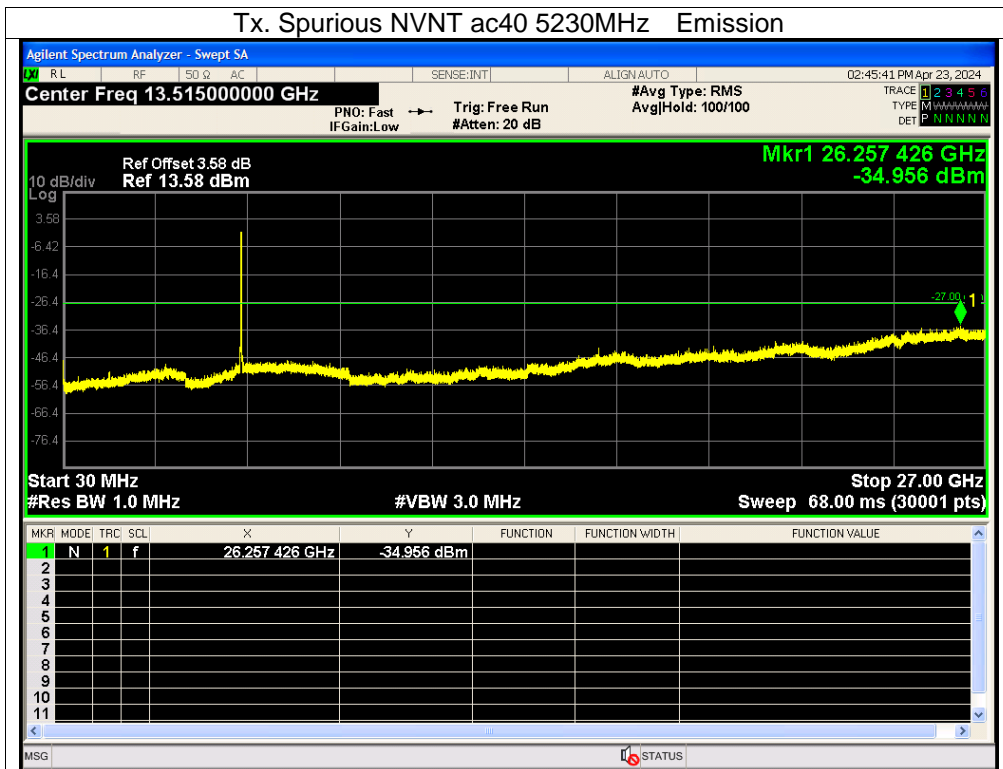


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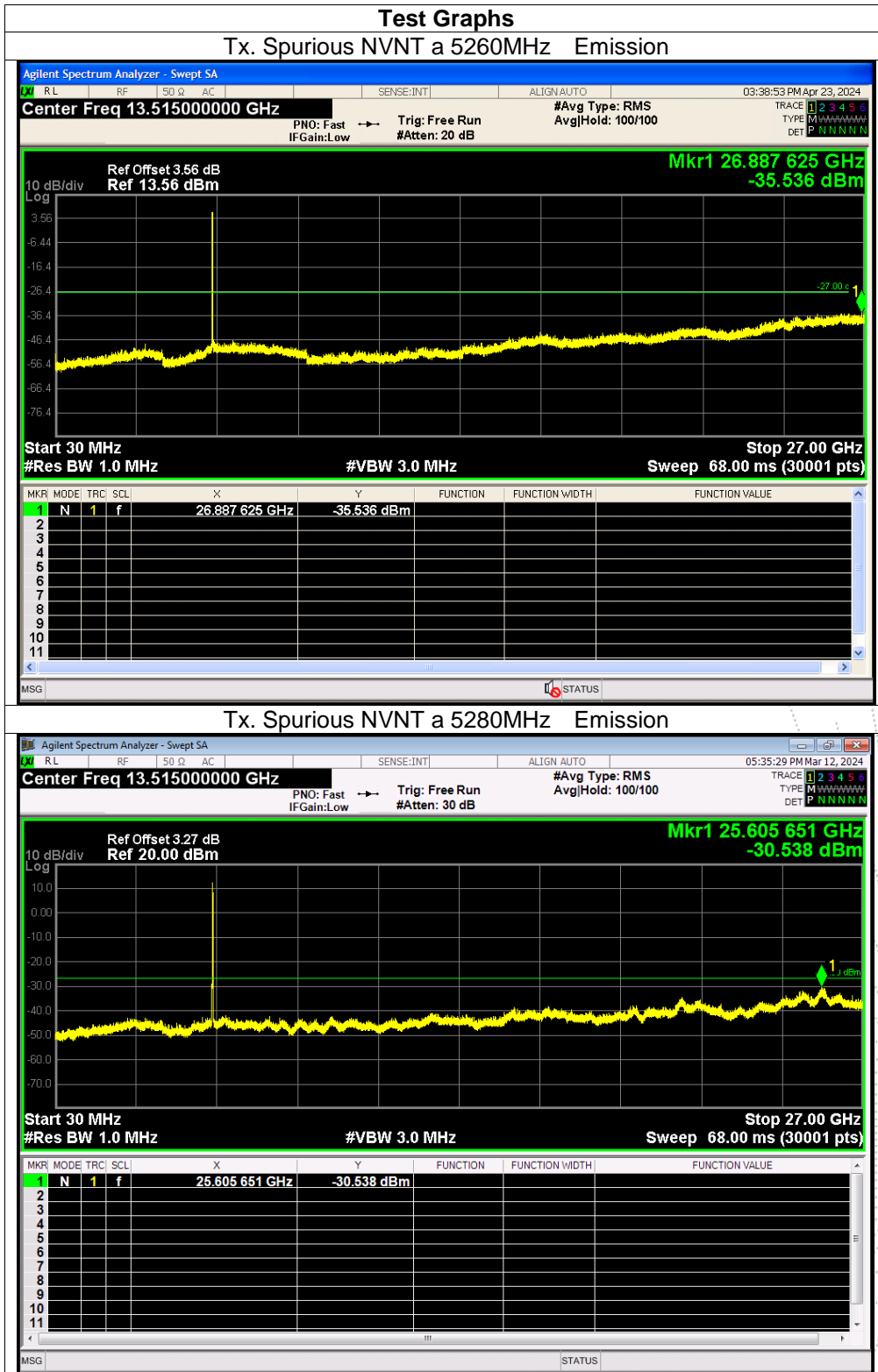


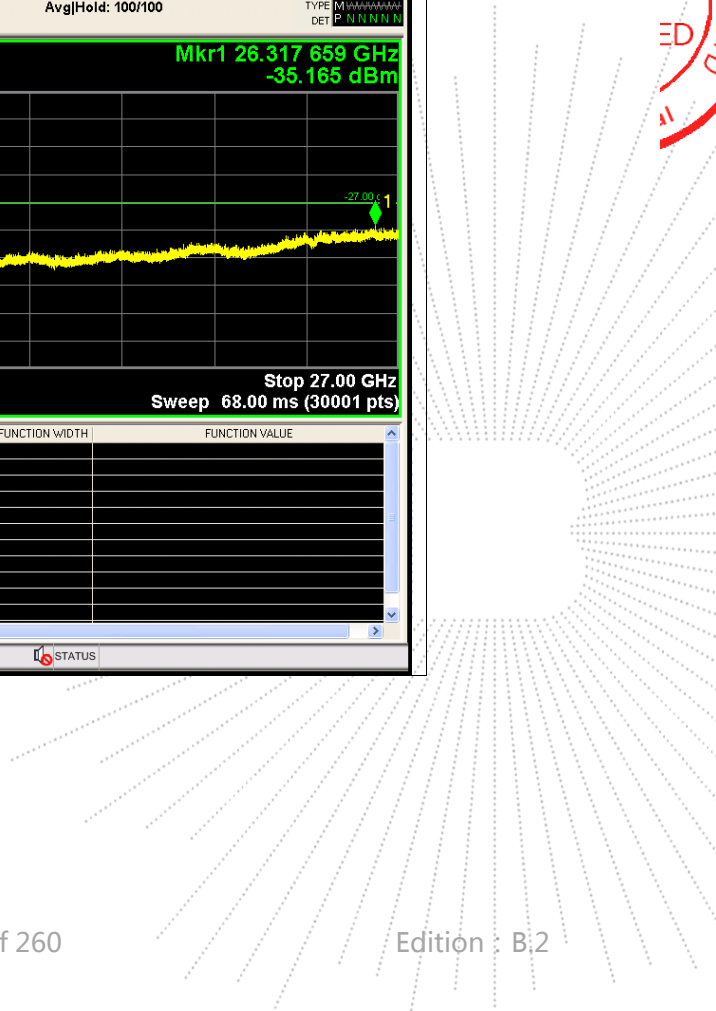
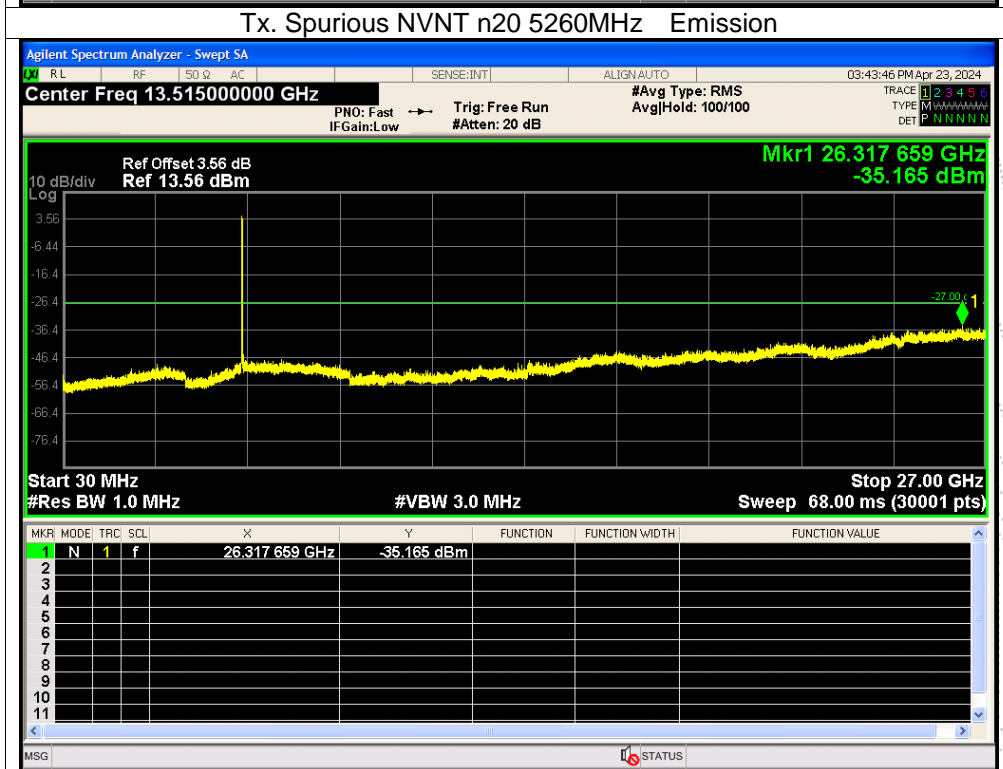
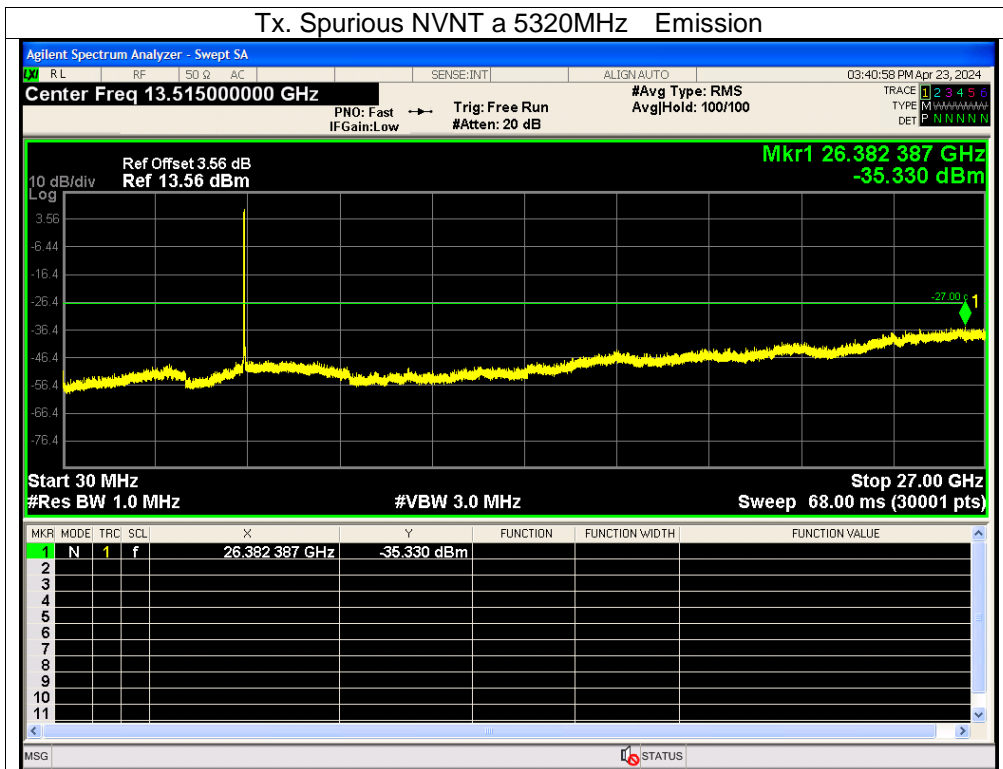
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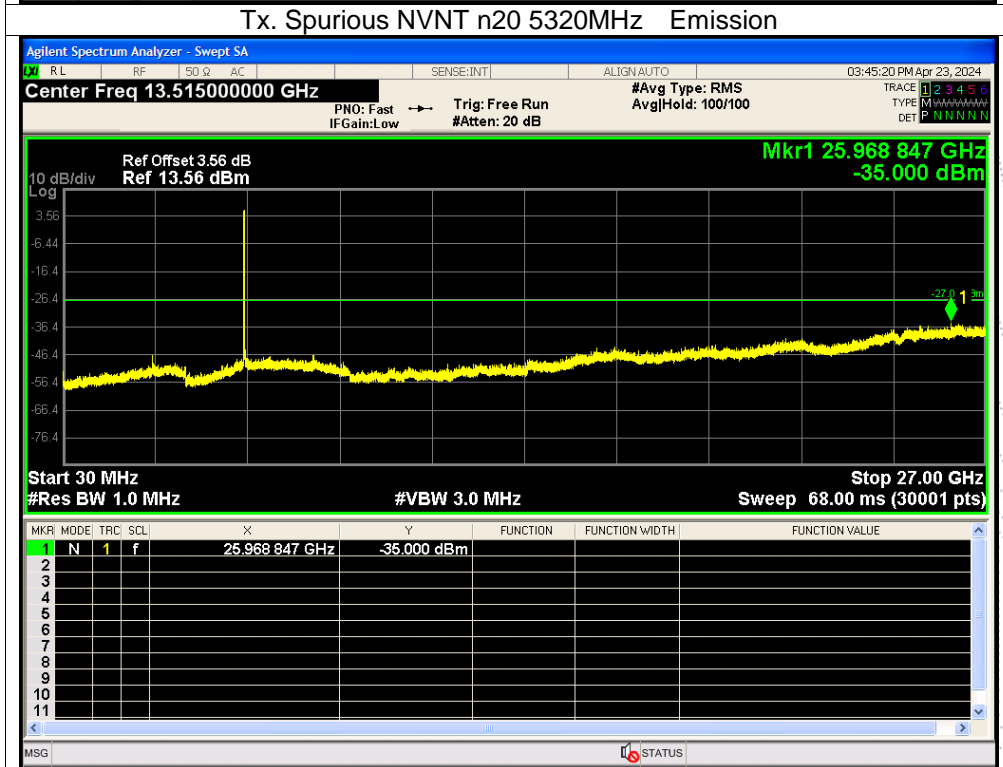
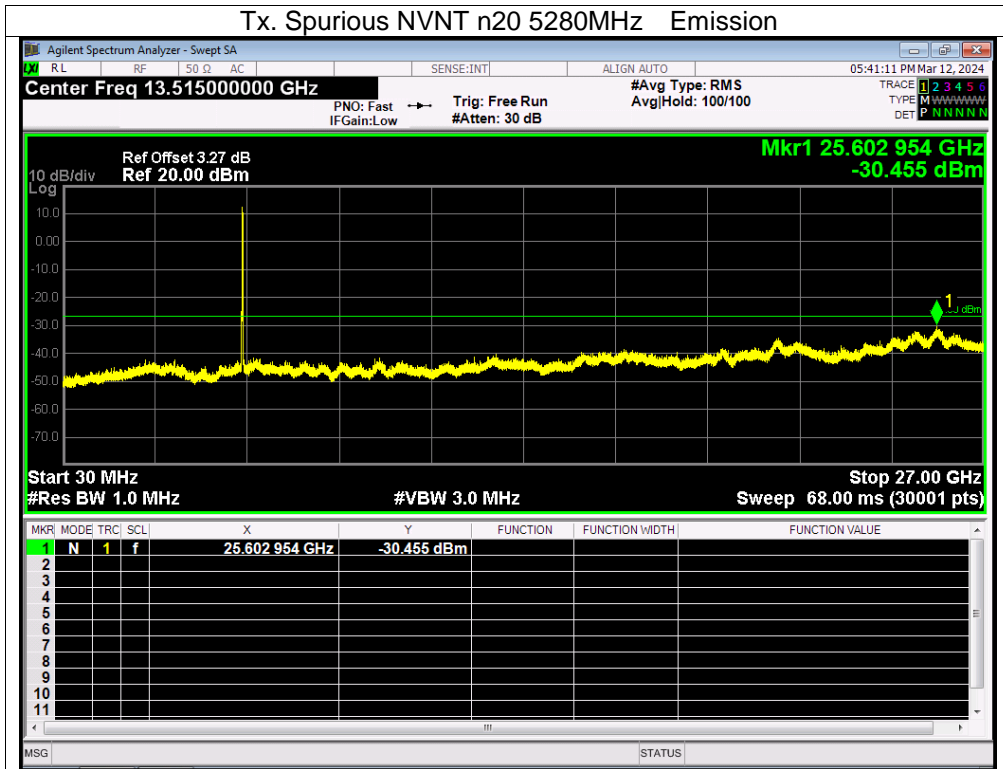




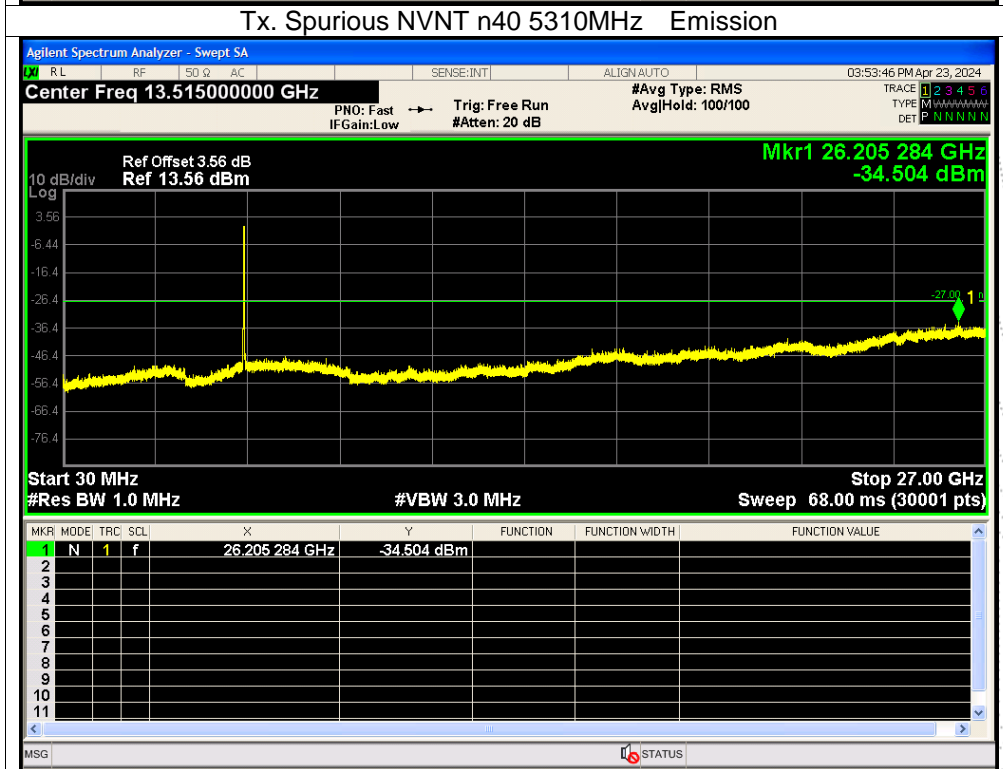
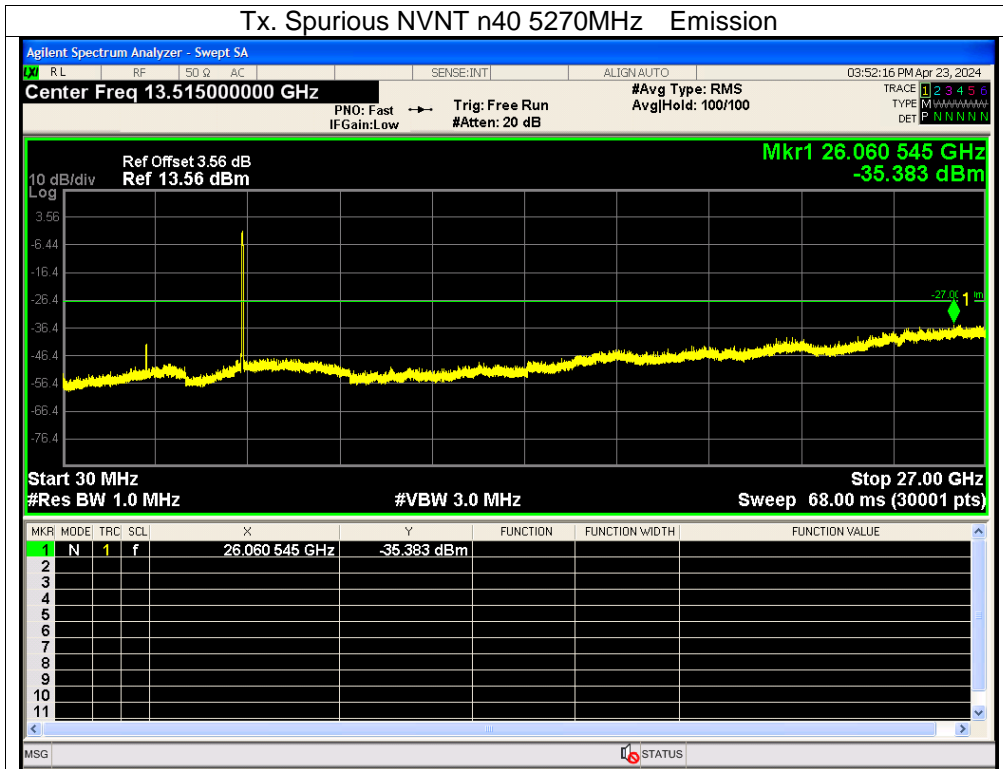
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5260-5320MHz



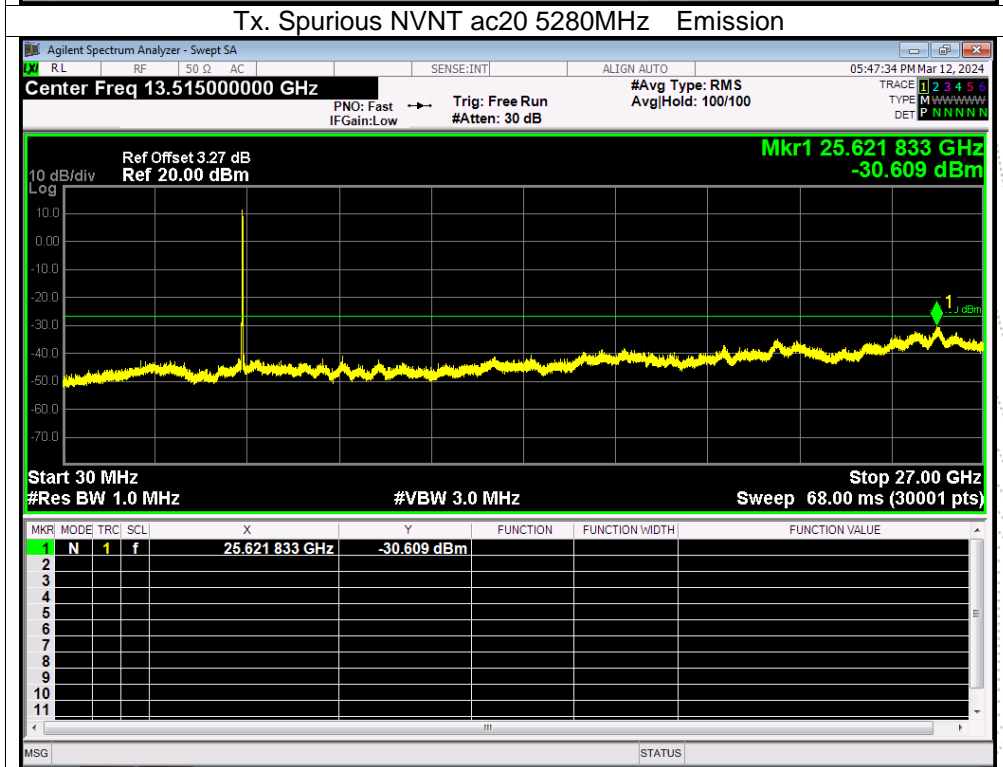
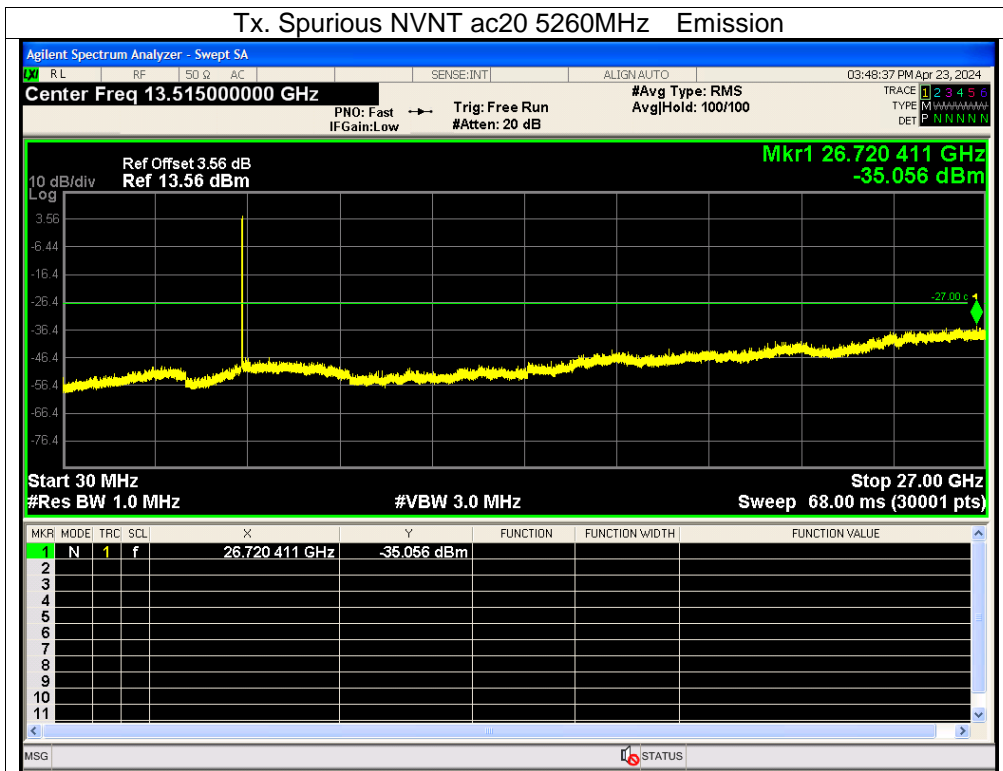


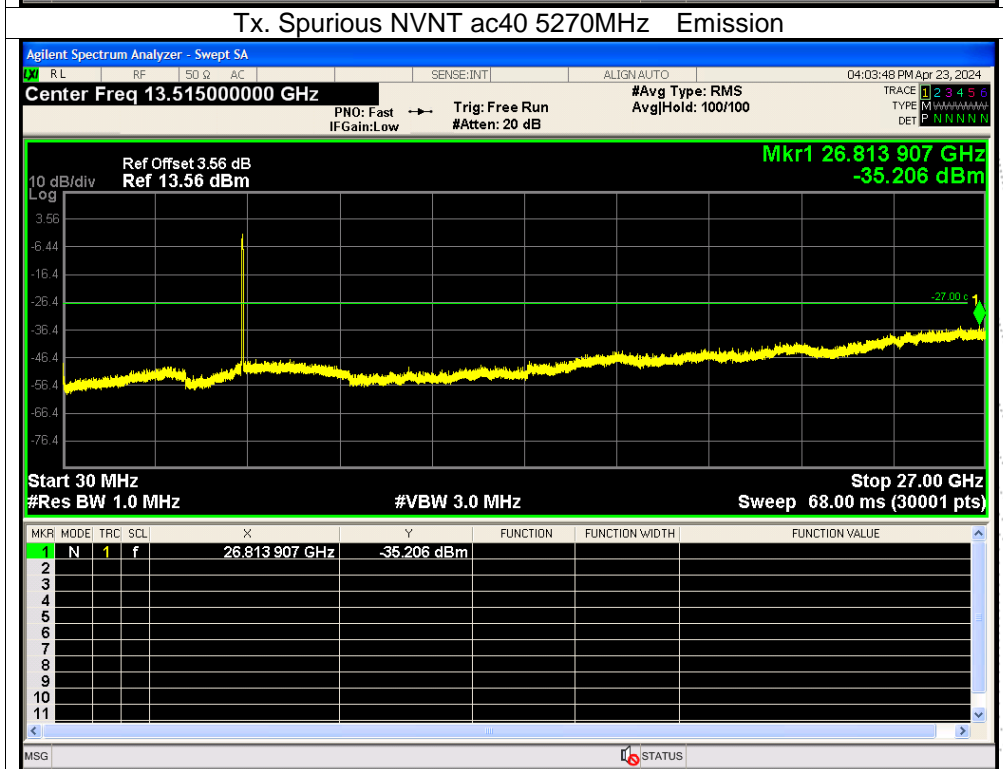
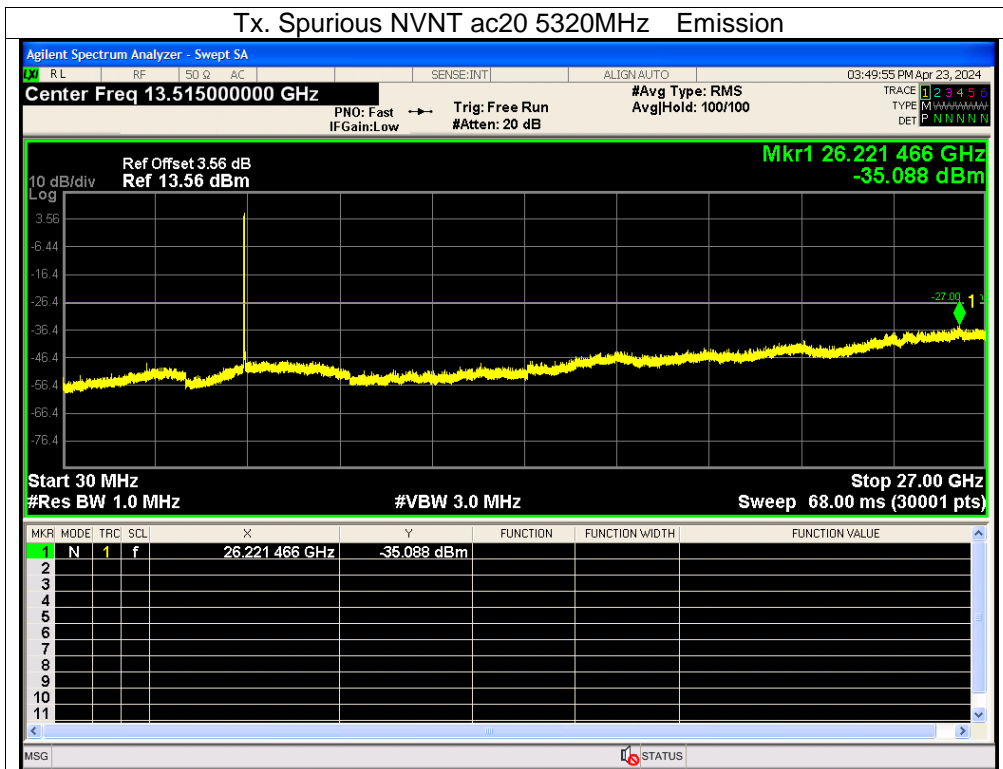


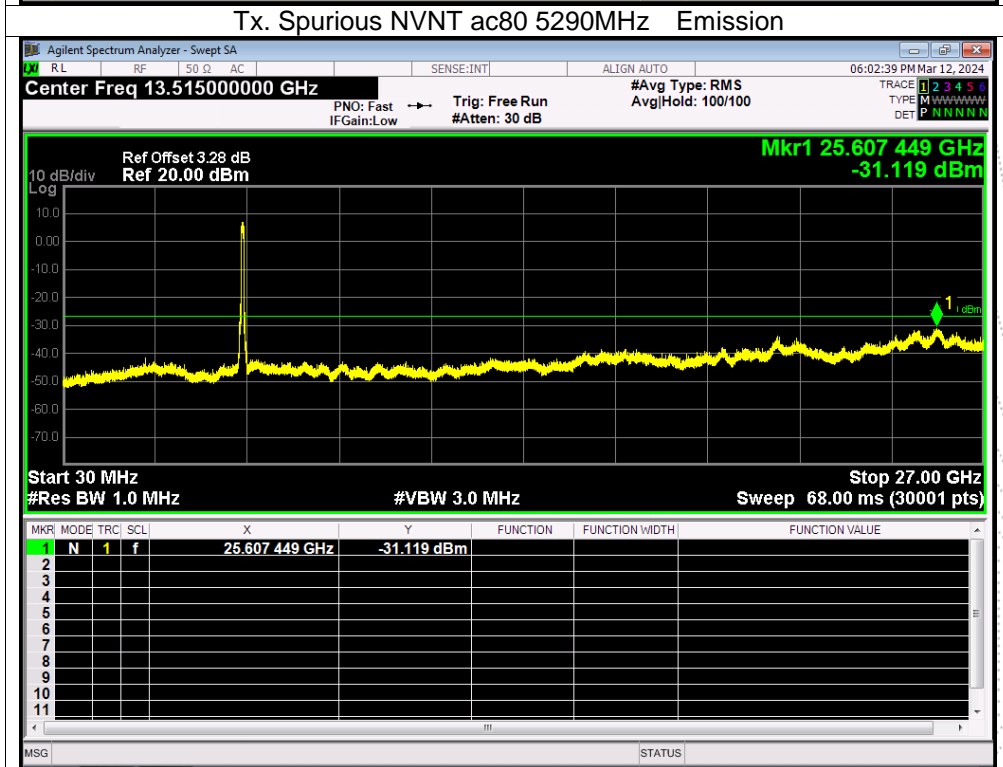
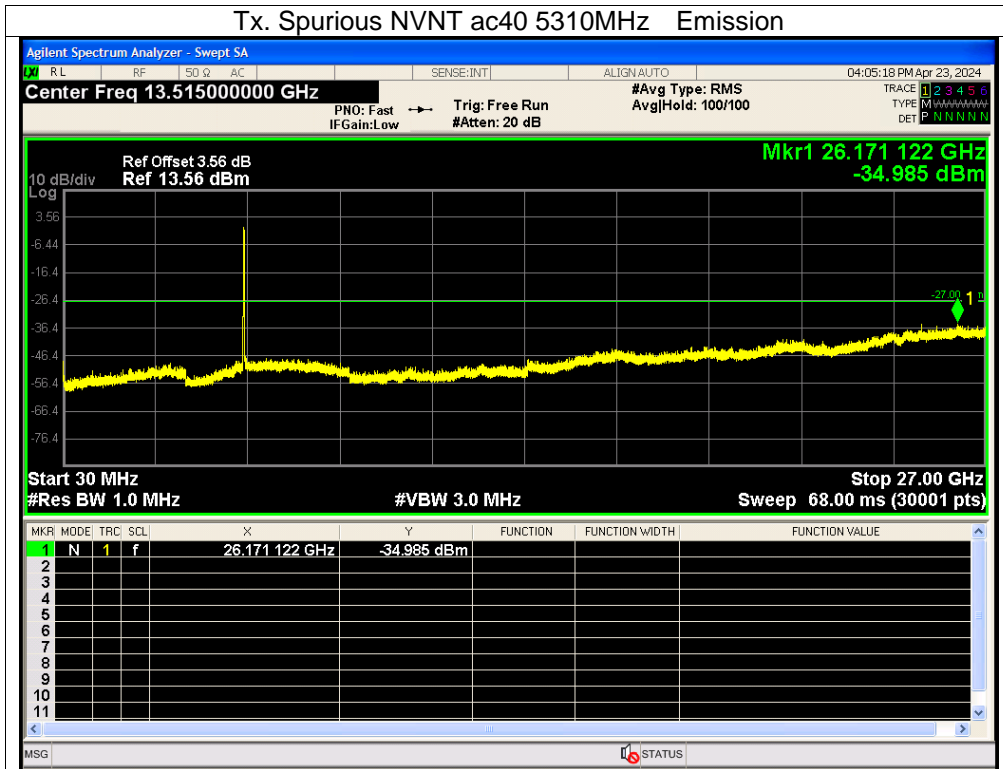
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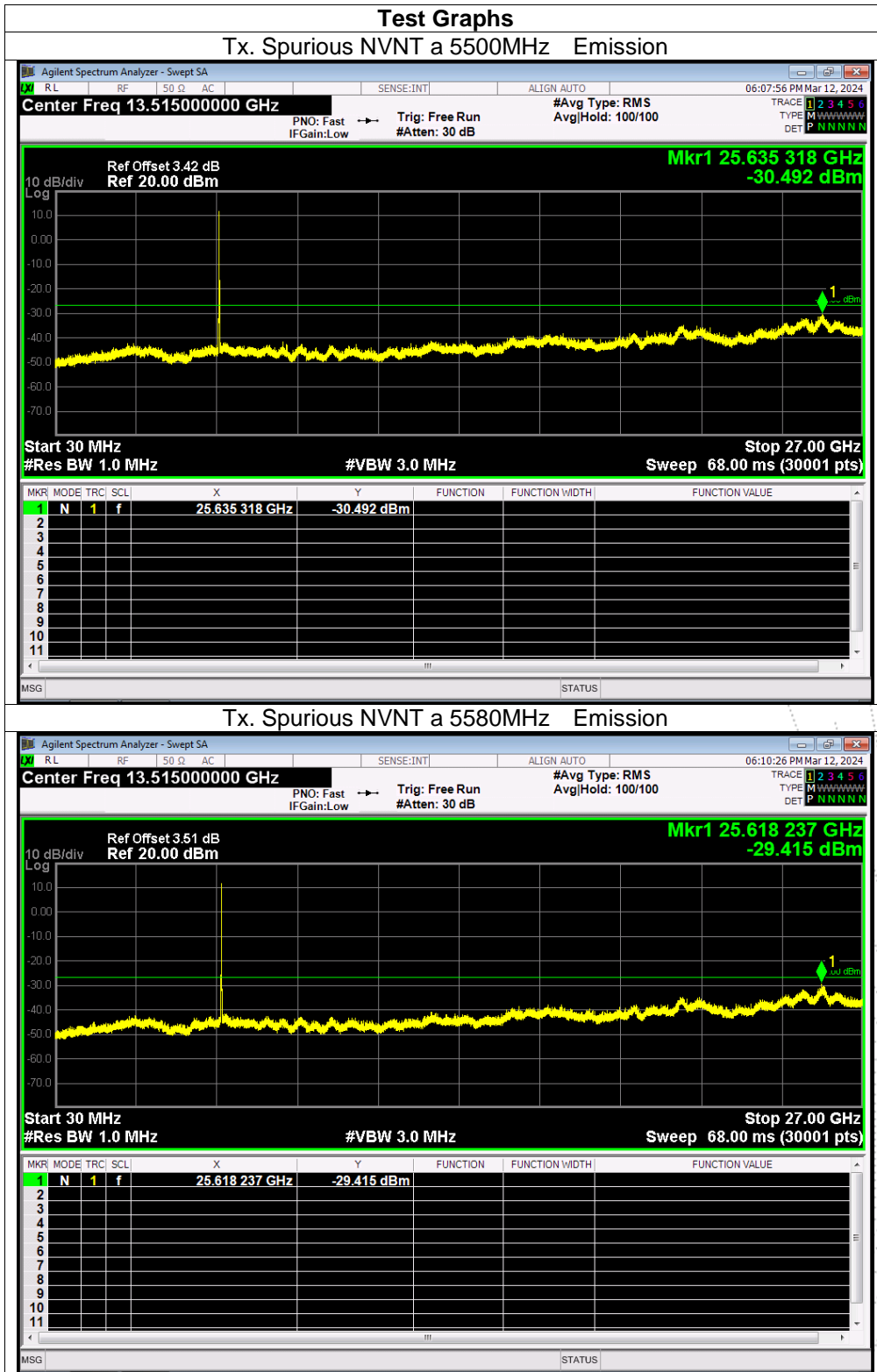
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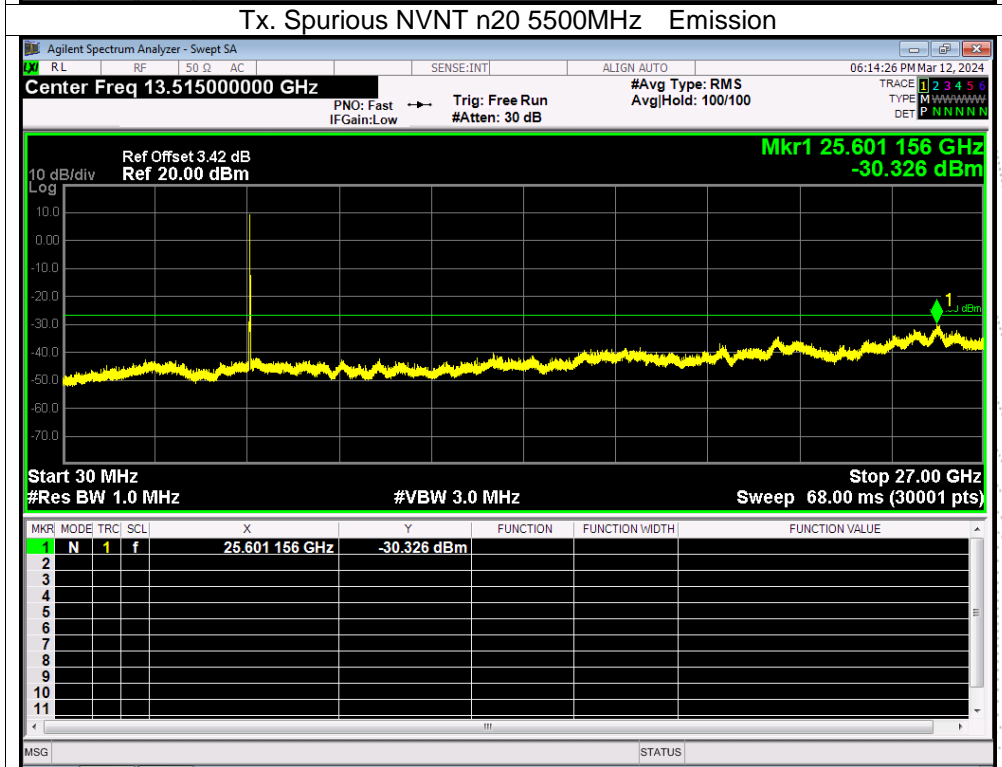
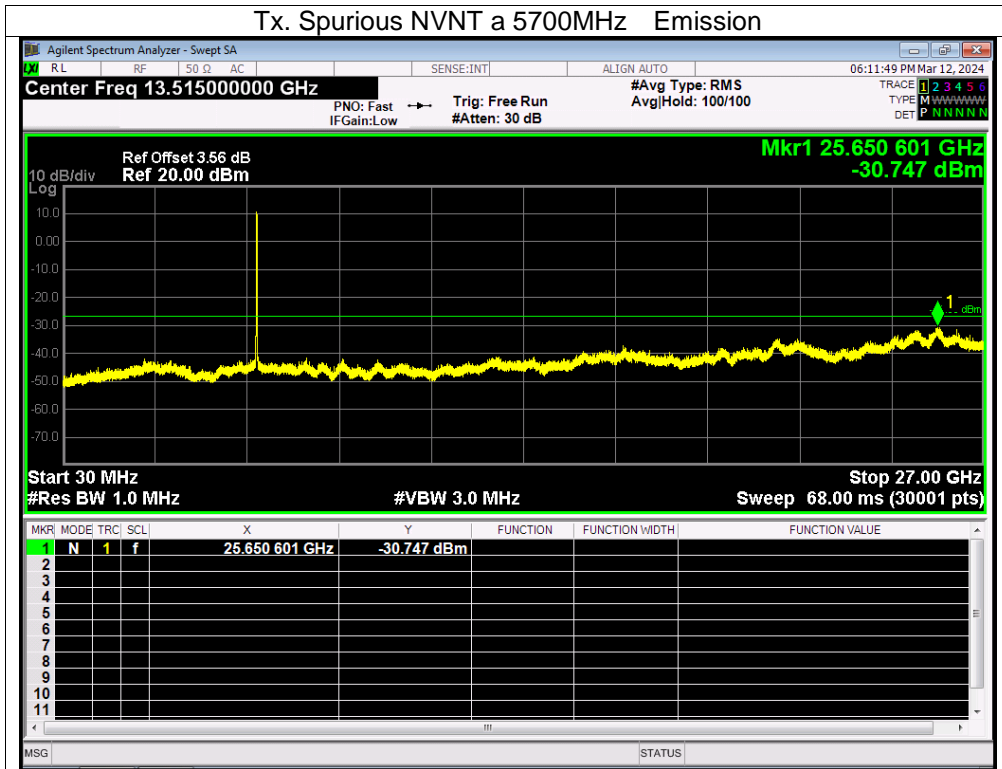




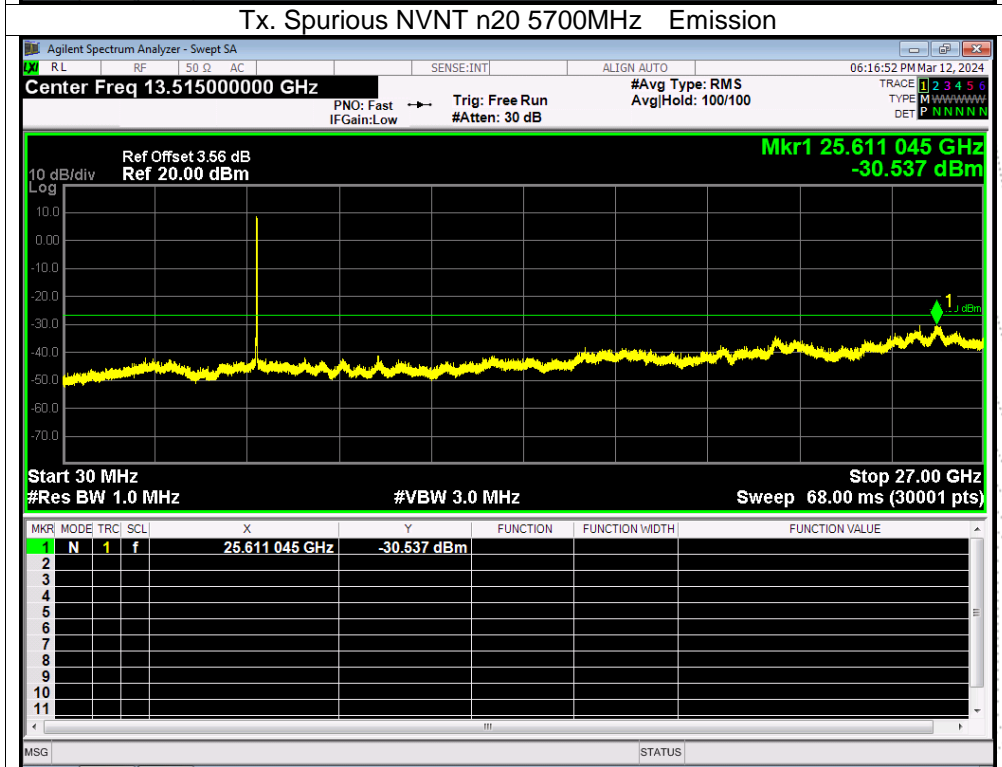
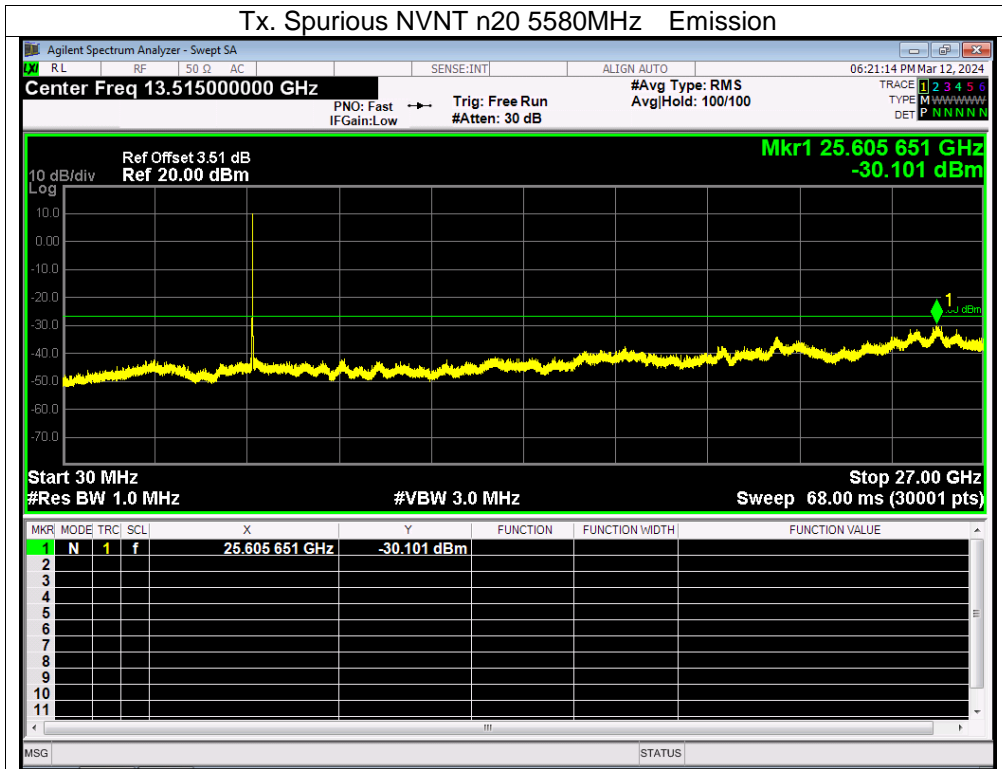


Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5500-5700MHz

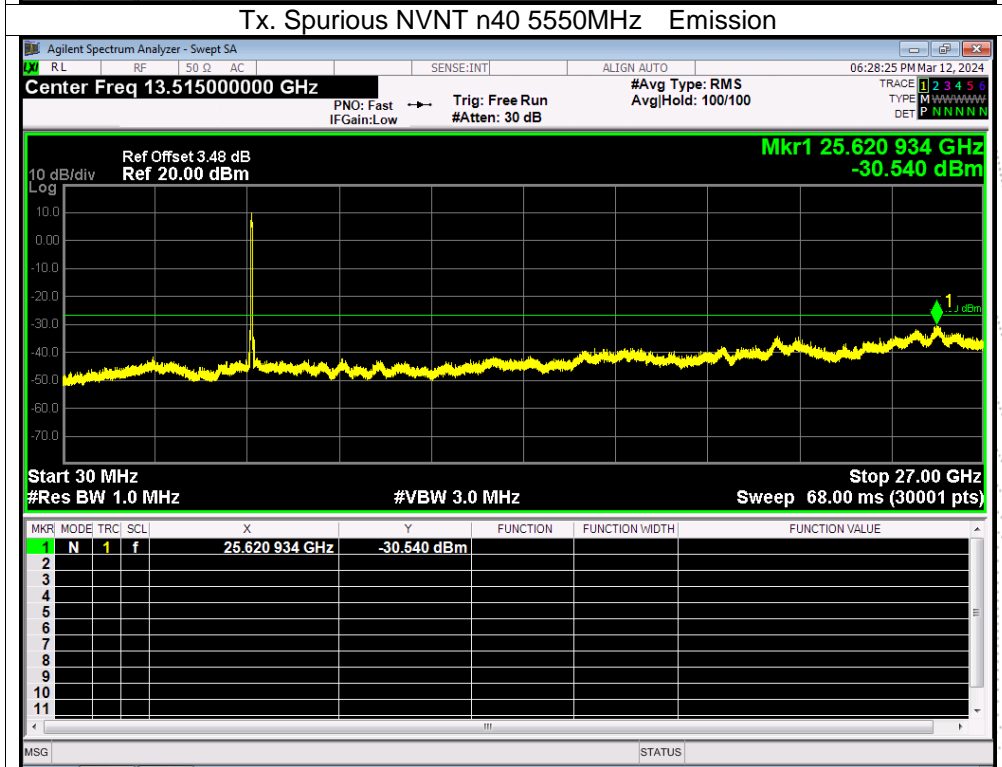
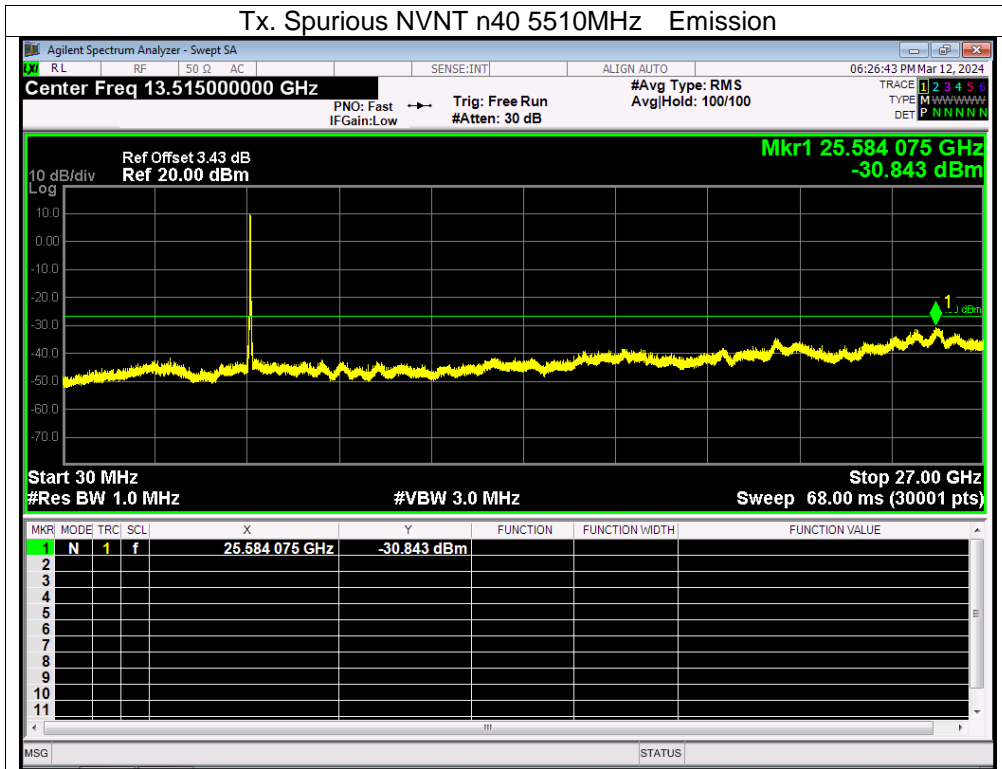


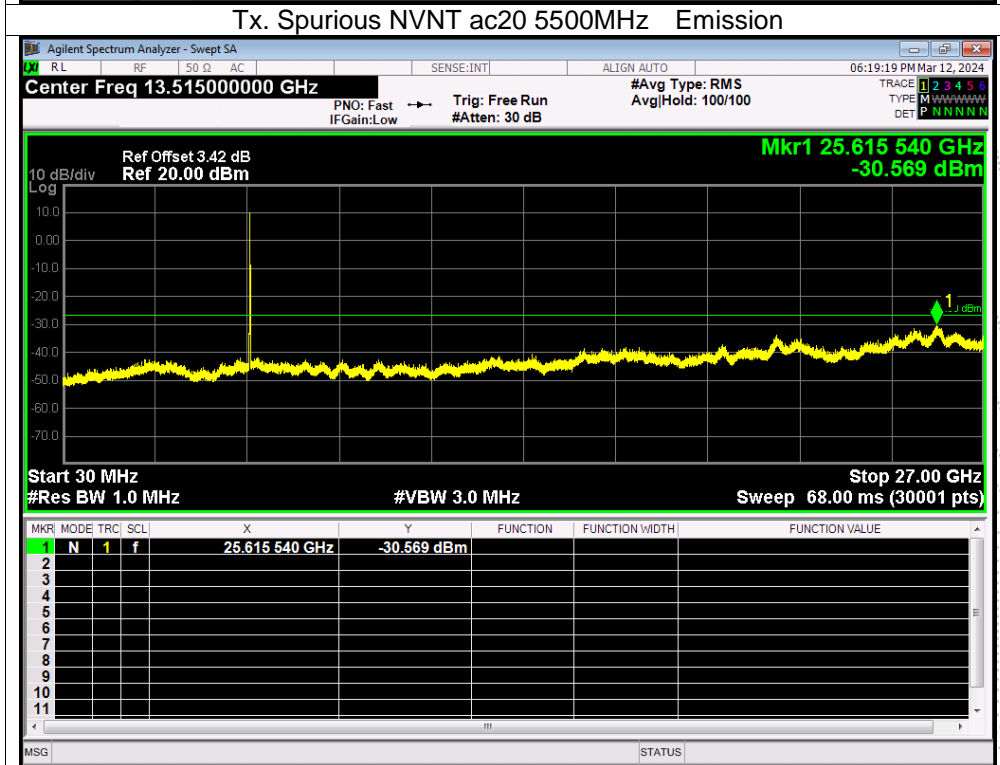
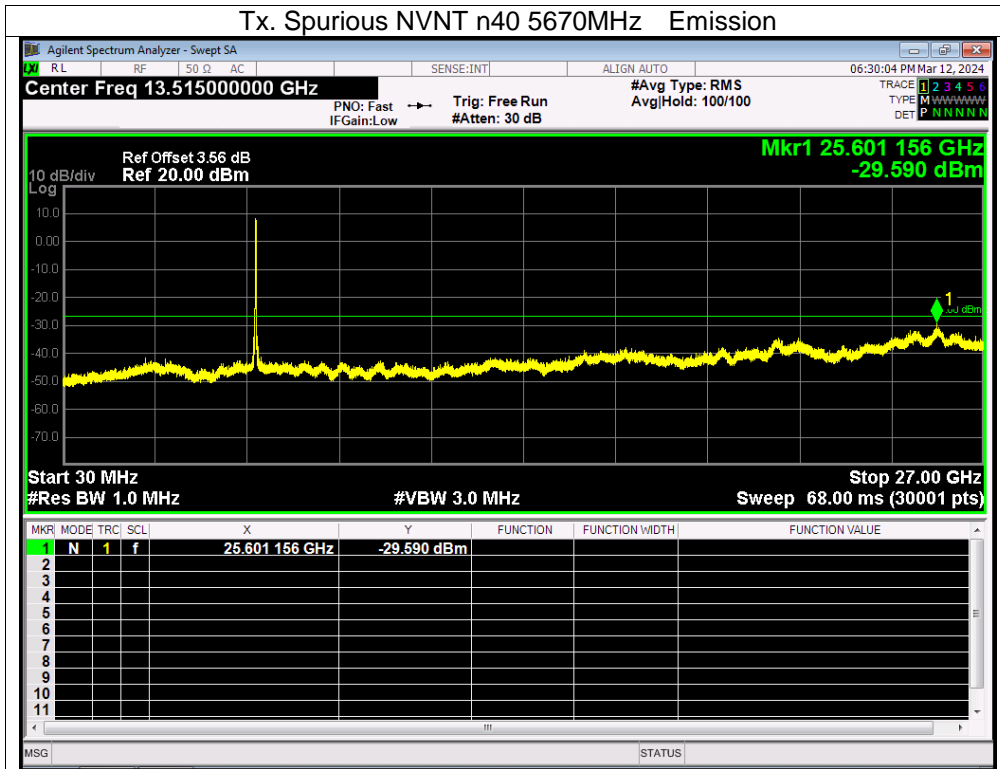


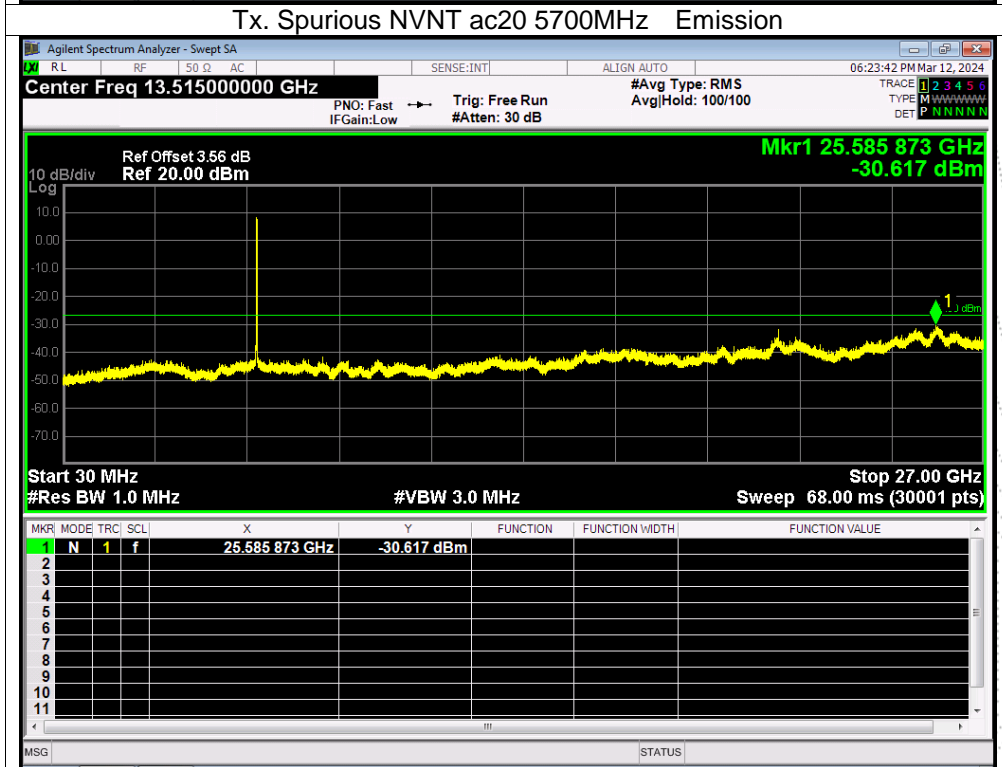
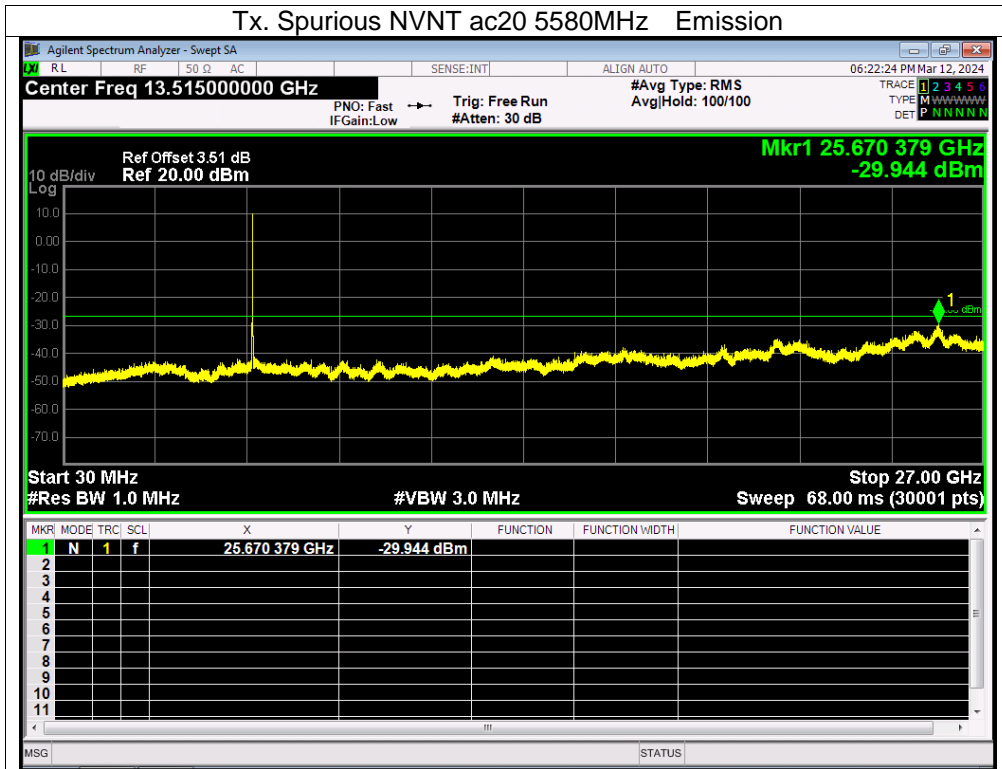
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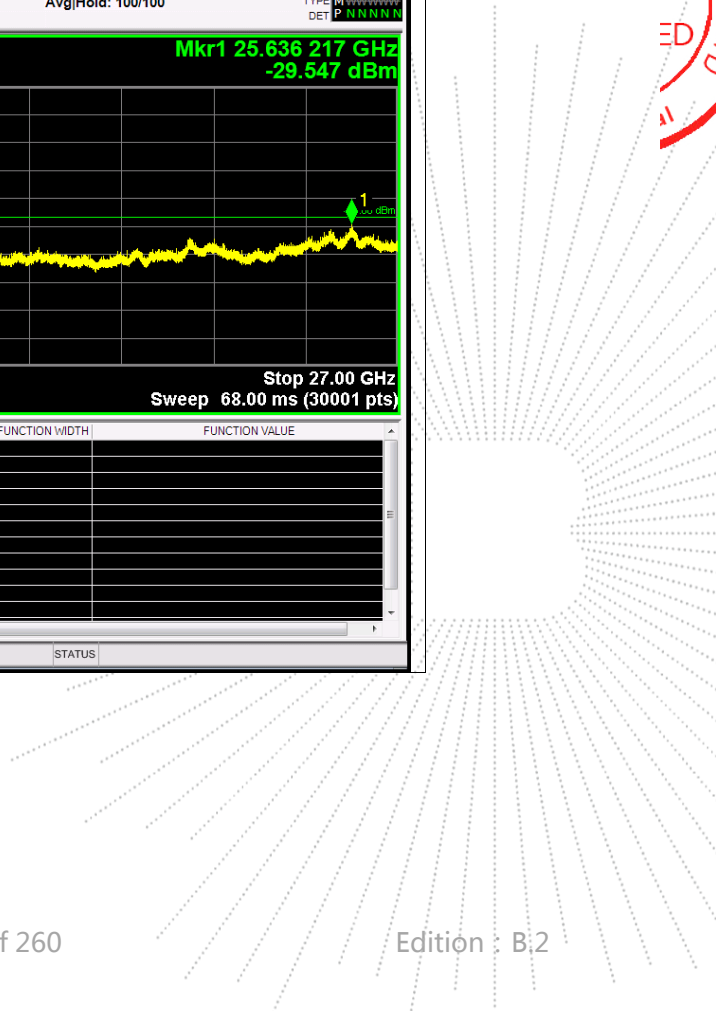
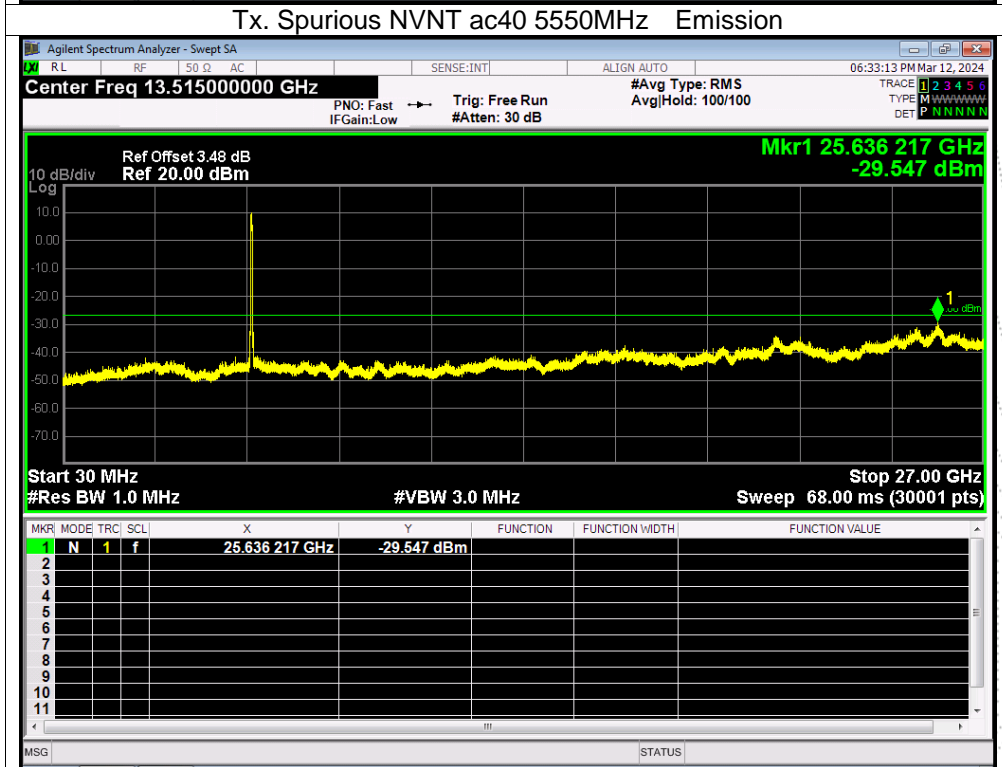
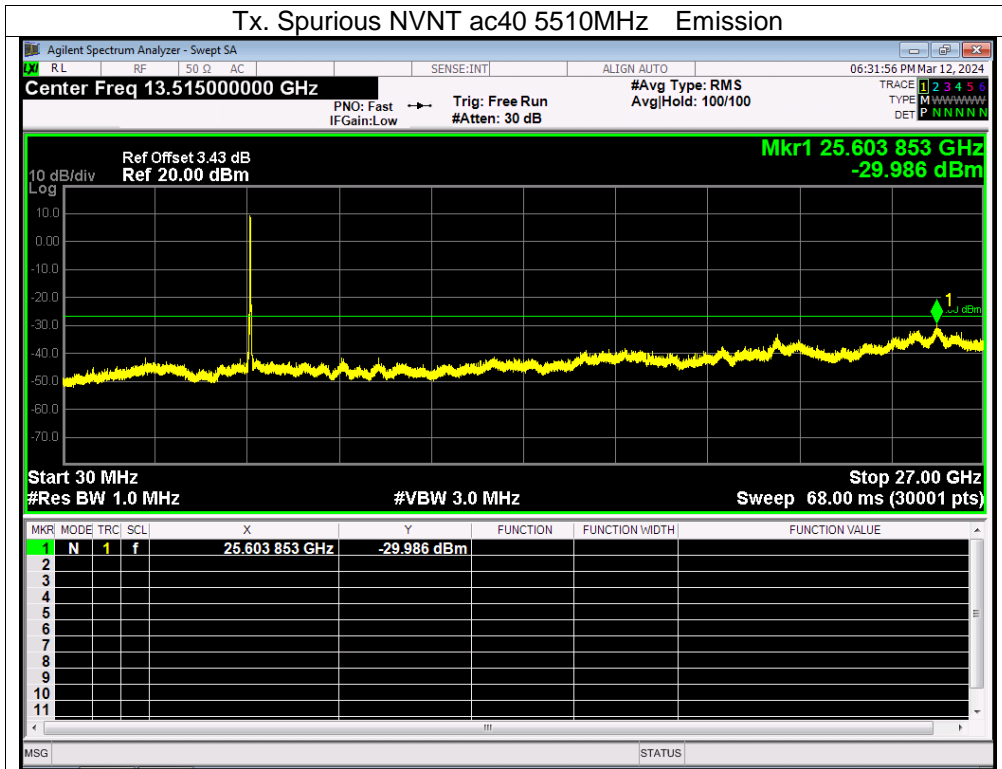


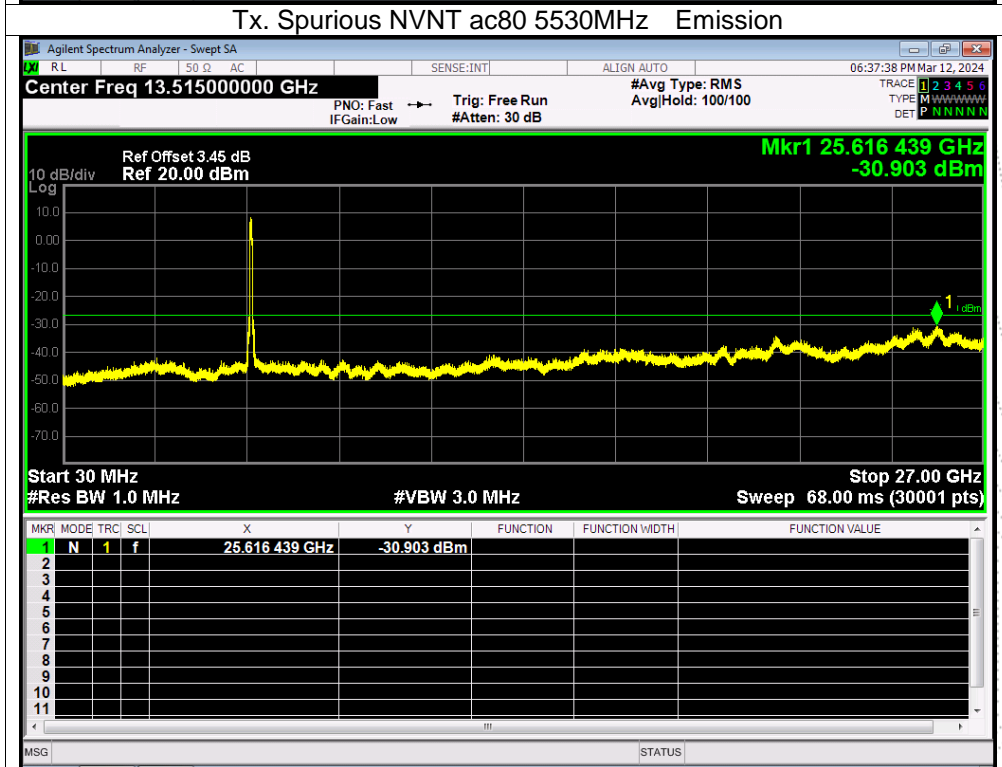
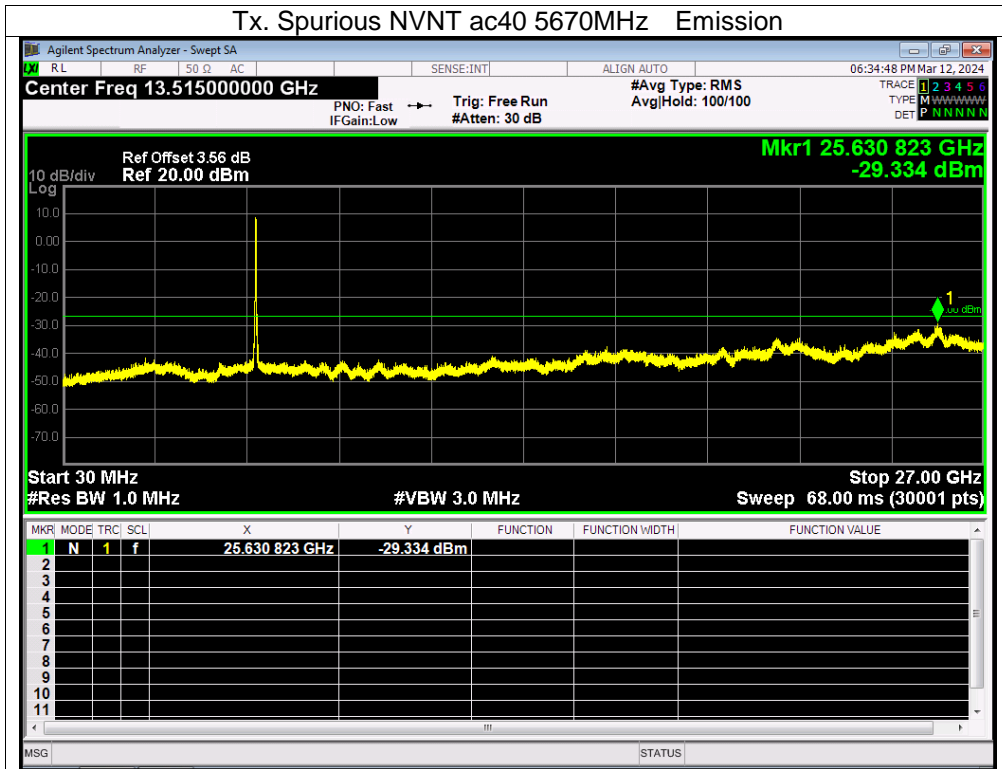
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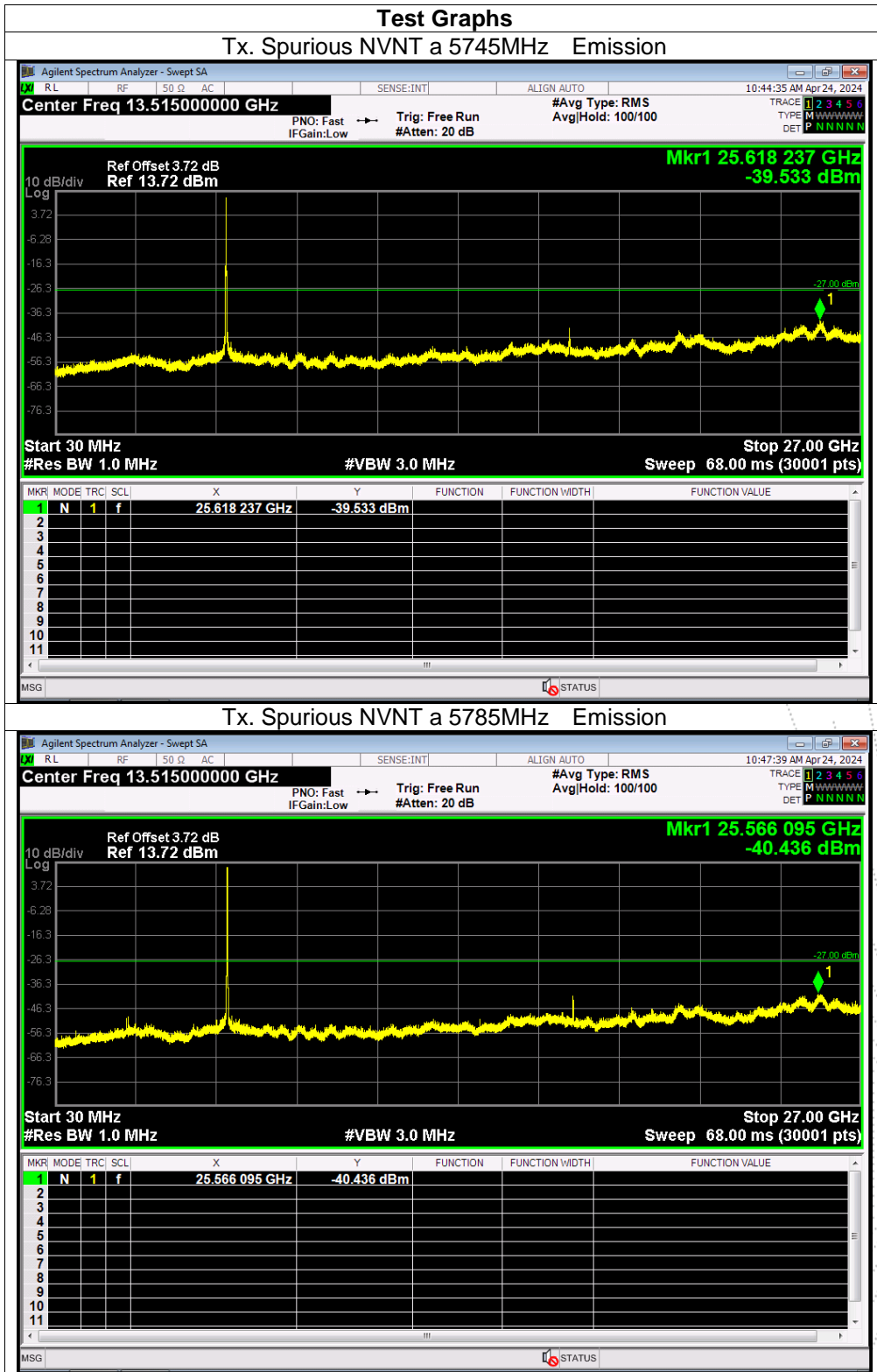


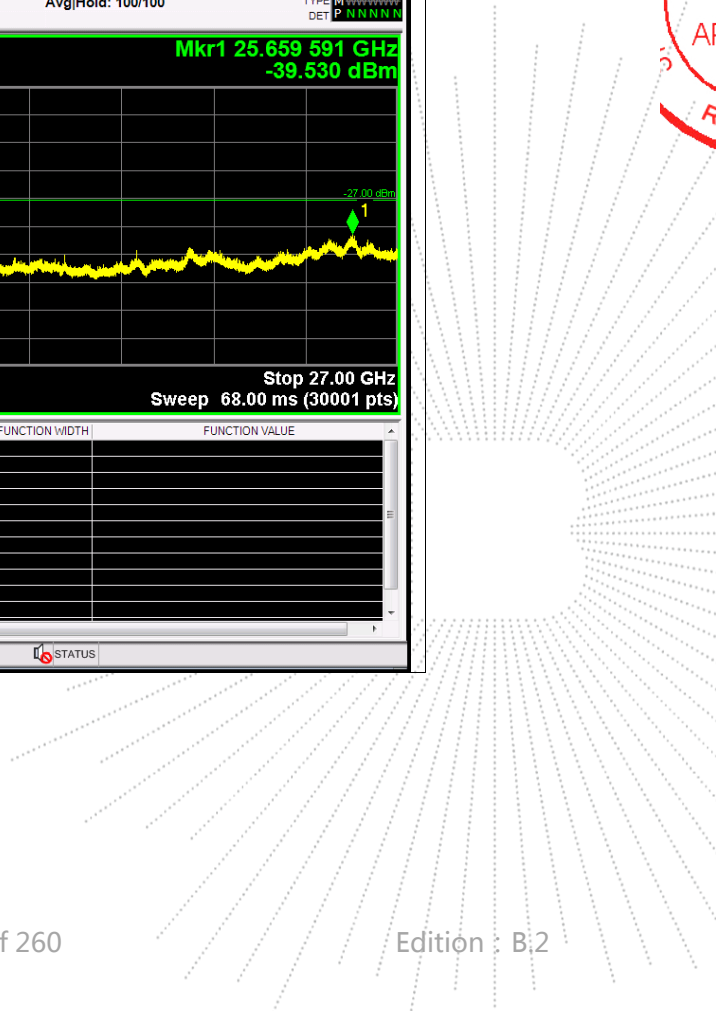
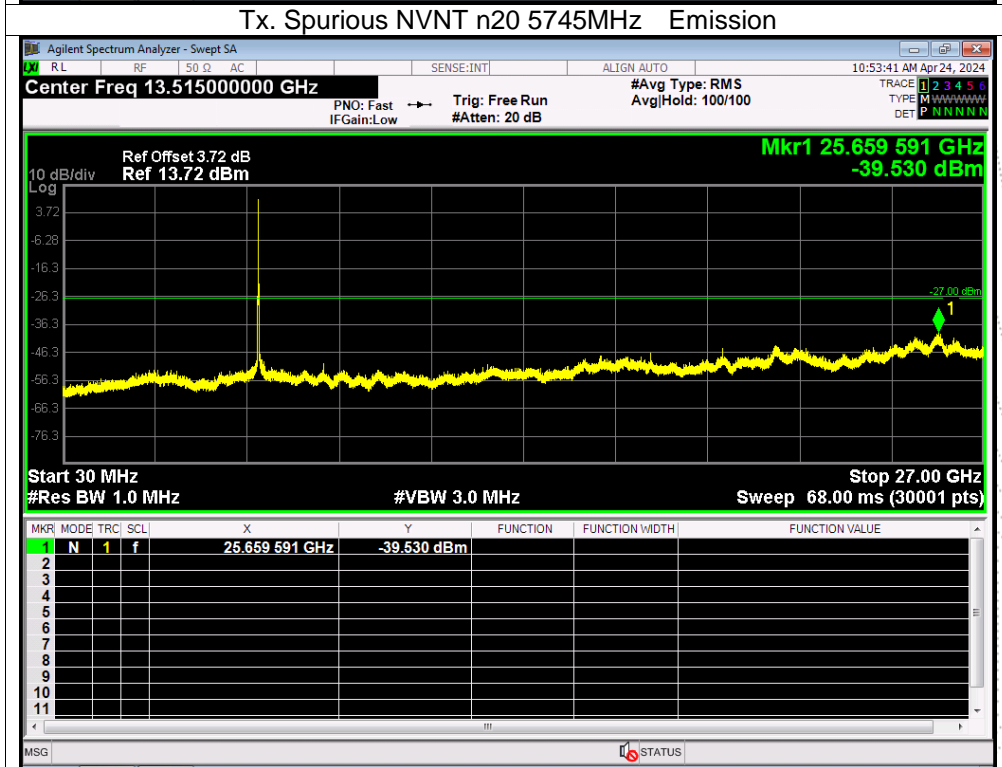
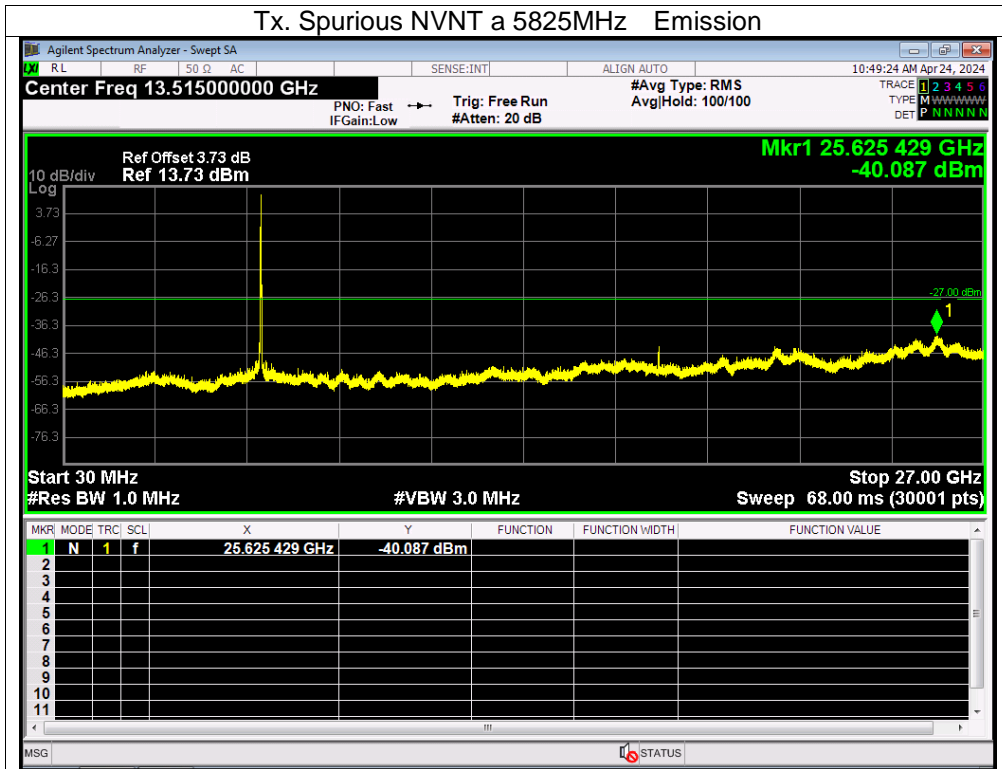


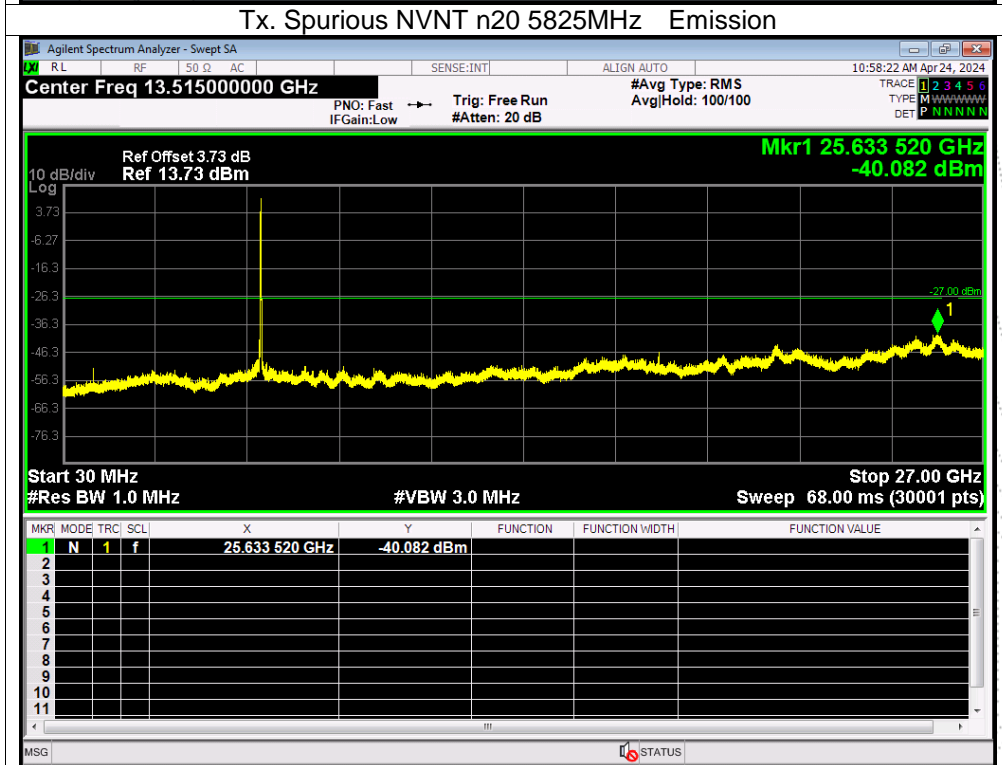
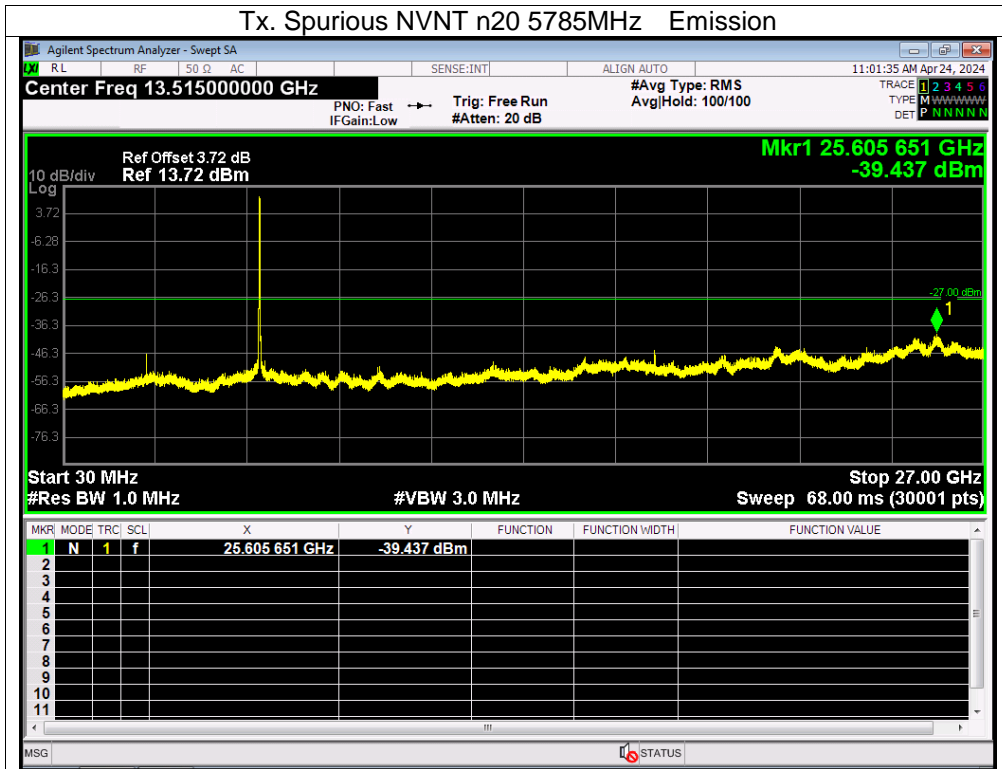


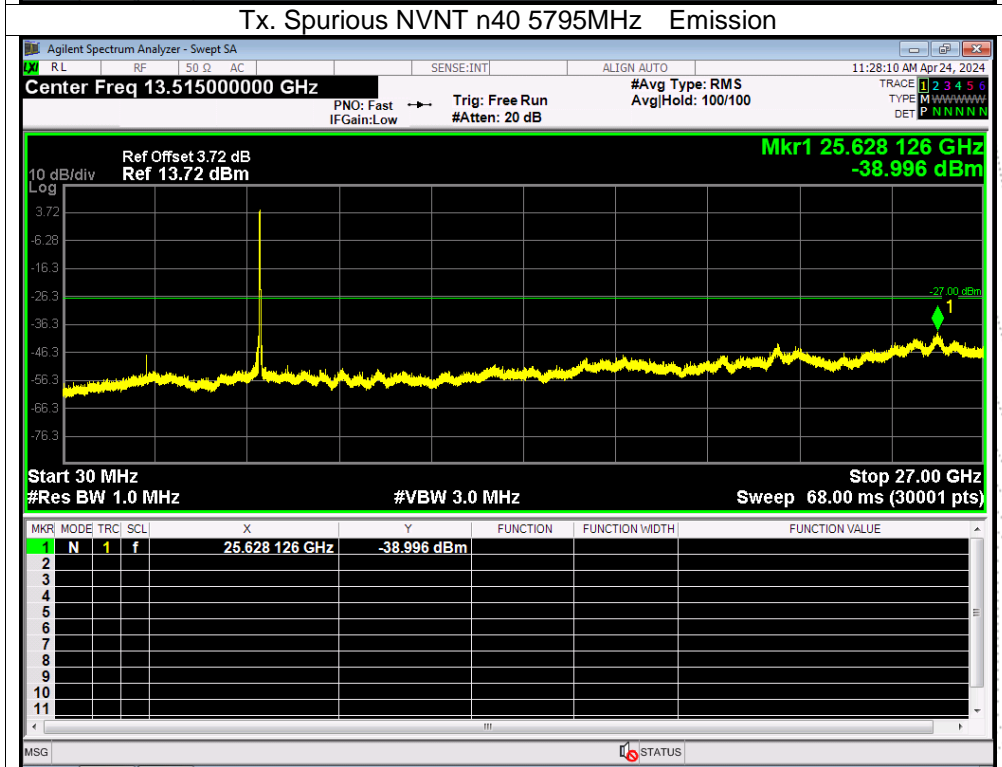
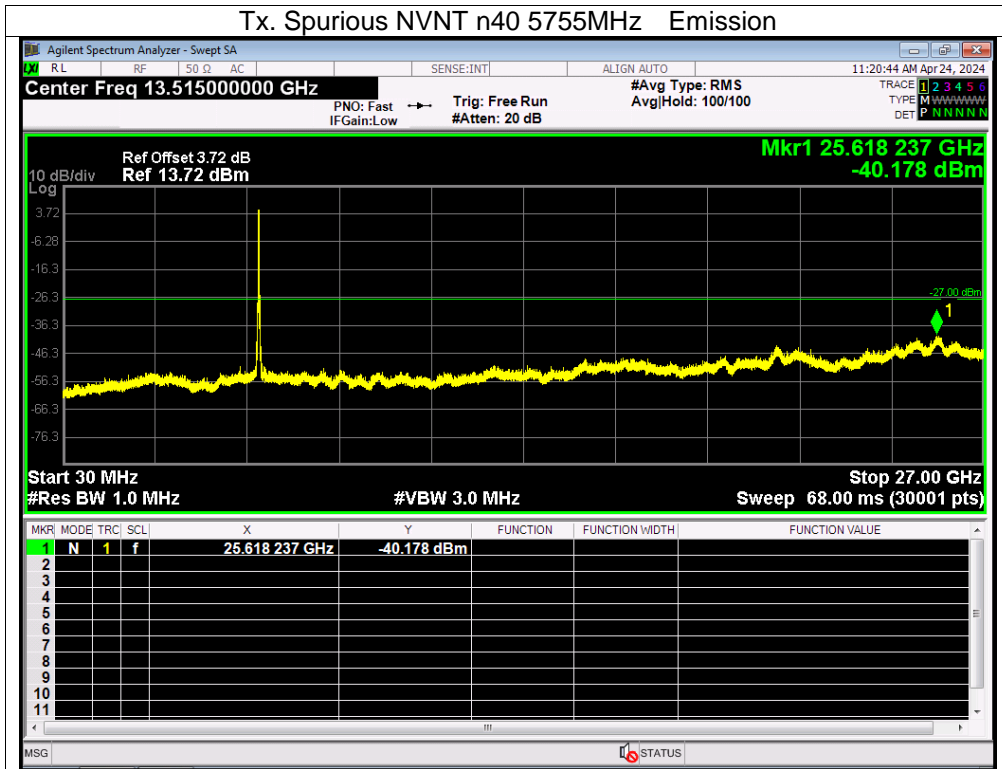
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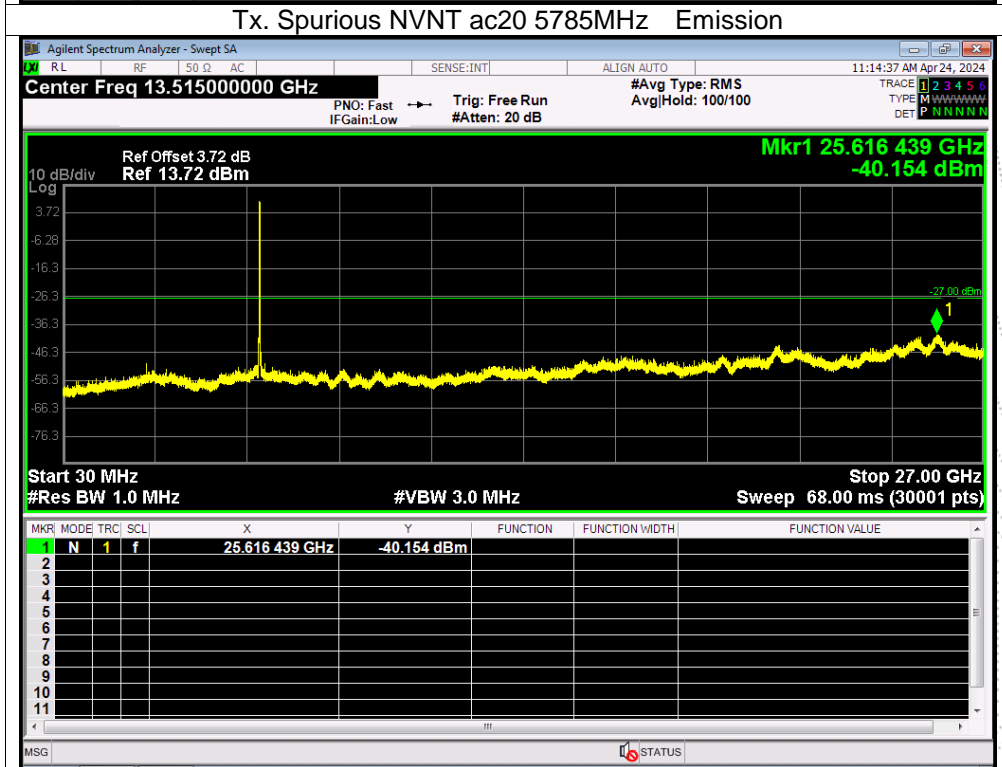
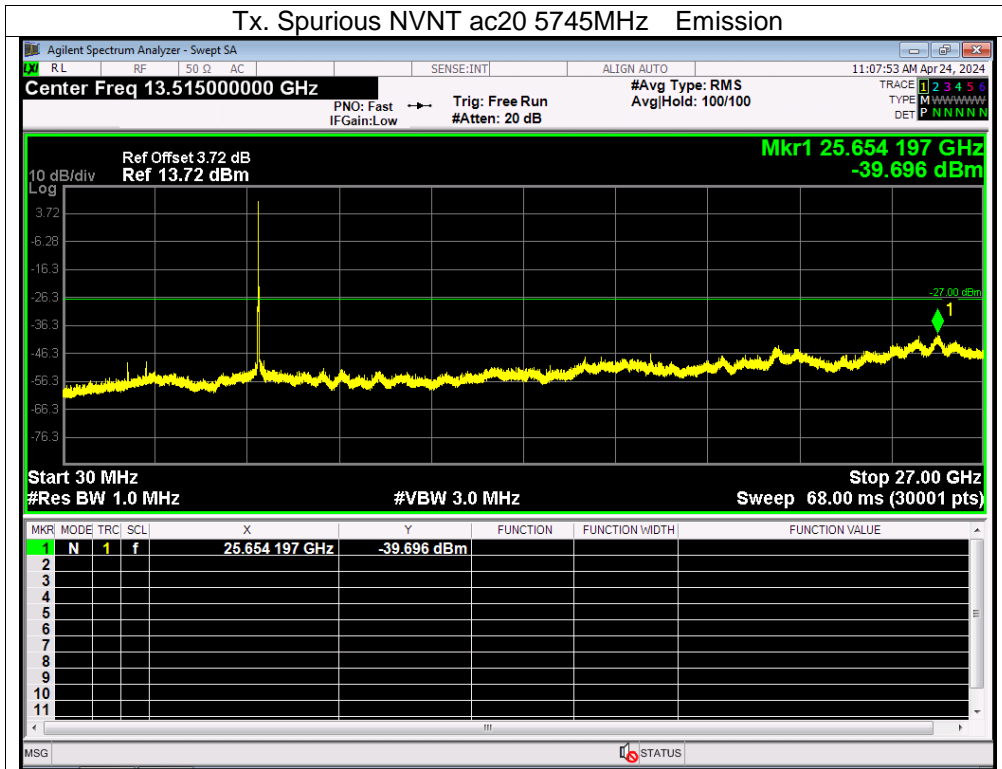
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A.
 Antenna A: 5745-5825 MHz

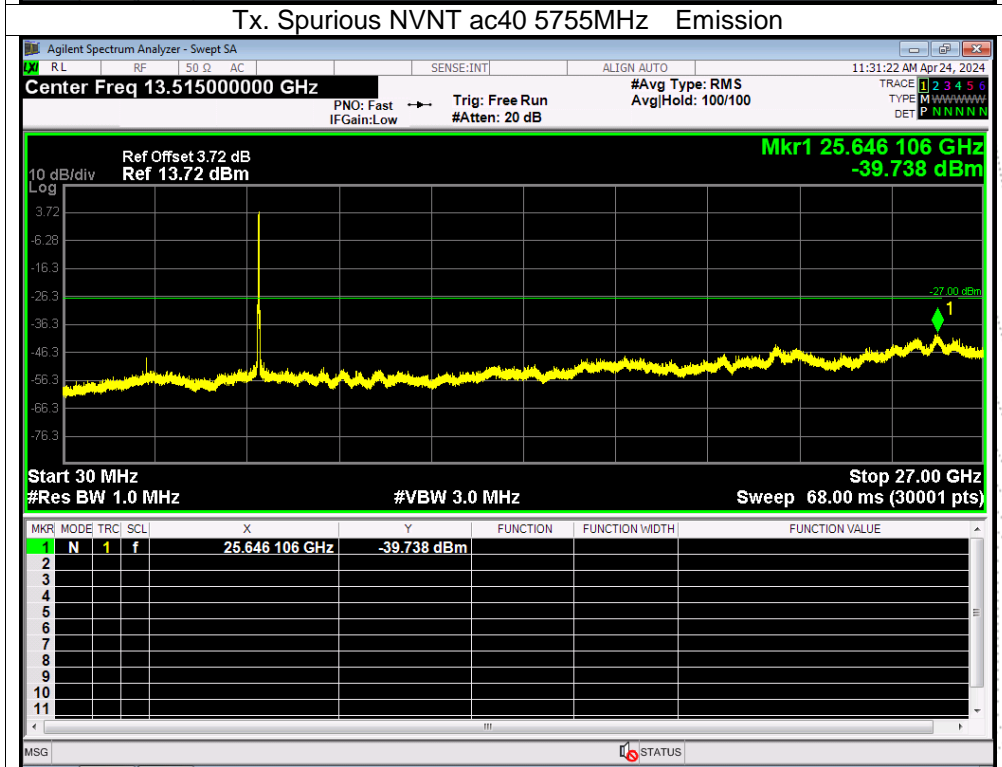
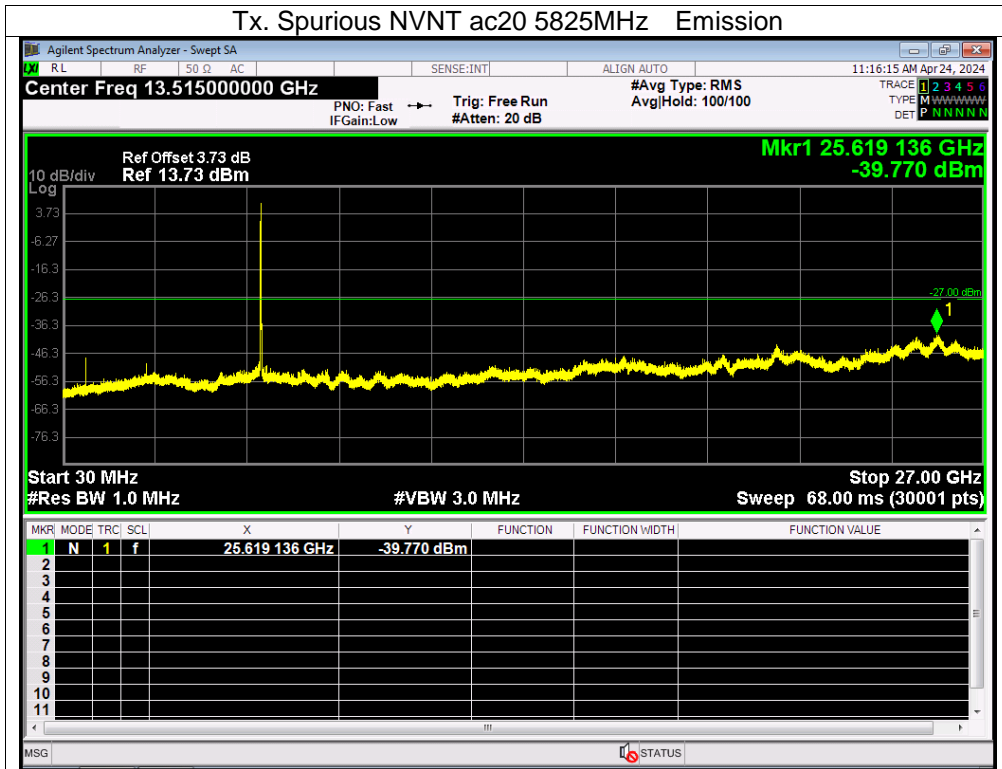




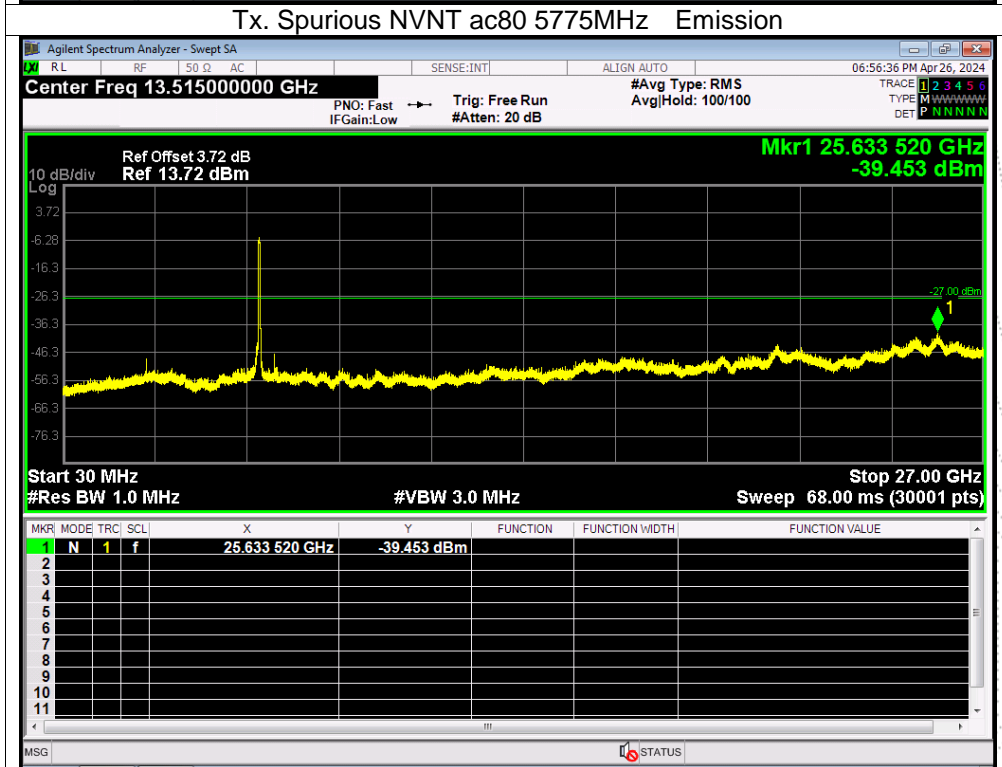
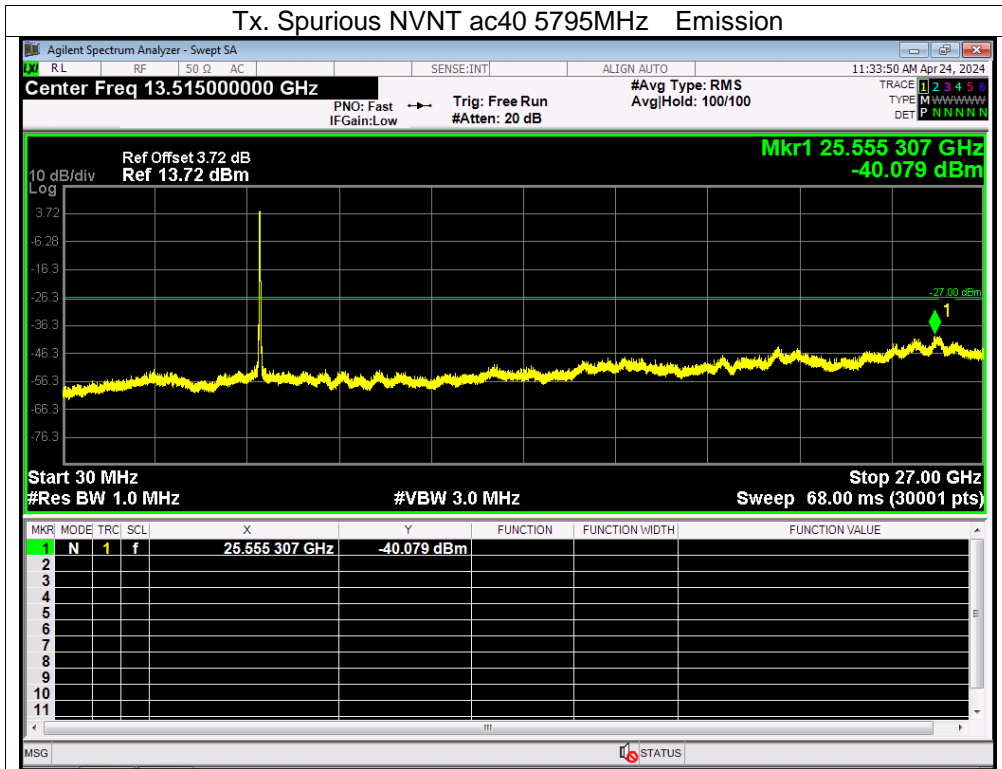








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13. Frequency Stability Measurement

13.1 Block Diagram Of Test Setup



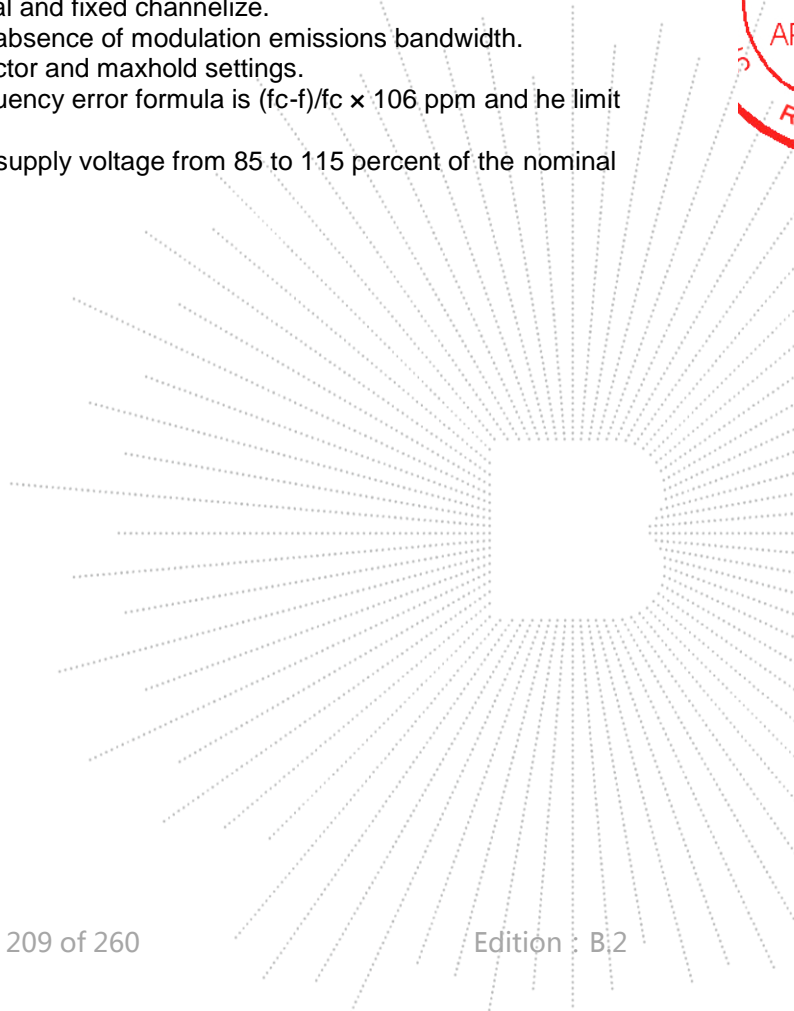
13.2 Limit

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 802.11nspecification).
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:	AC120V/60Hz
Test Mode:	TX (5.1G) Mode Frequency U-NII-1 (5180-5240MHz)		

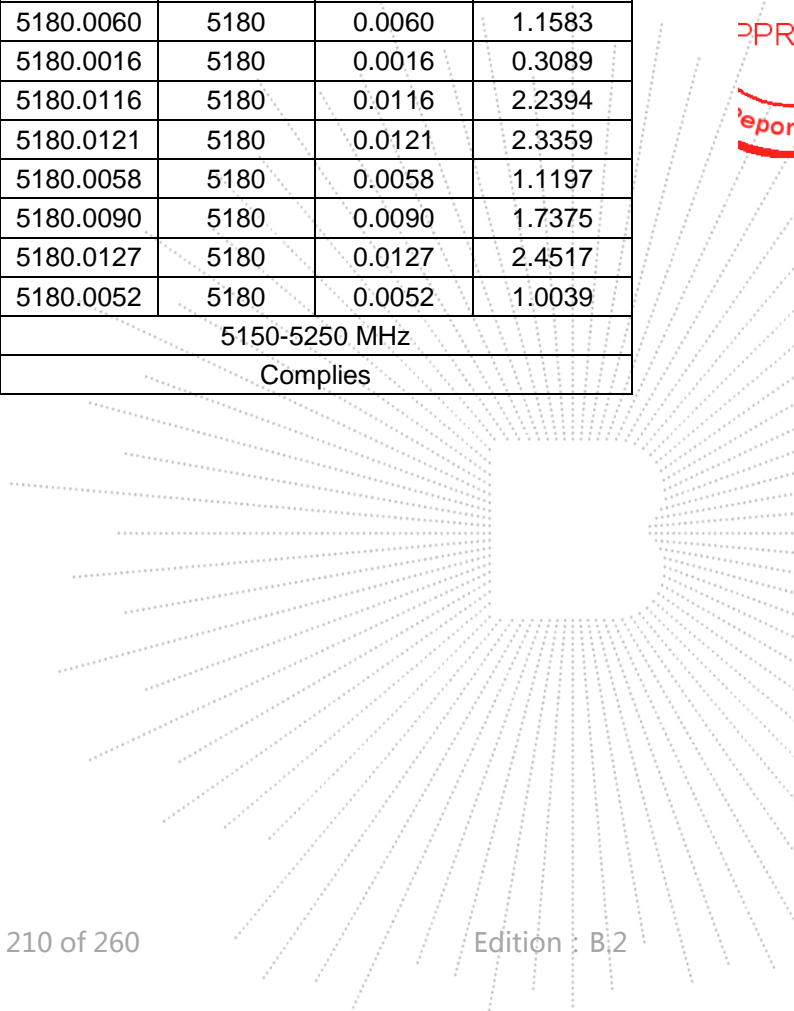
Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5180.0046	5180	0.0046	0.8880
		V max (V)	138.00	5180.0042	5180	0.0042	0.8108
		V min (V)	102.00	5180.0103	5180	0.0103	1.9884
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	5180.0111	5180	0.0111	2.1429
		T (°C)	-10	5180.0129	5180	0.0129	2.4903
		T (°C)	0	5180.0060	5180	0.0060	1.1583
		T (°C)	10	5180.0016	5180	0.0016	0.3089
		T (°C)	20	5180.0116	5180	0.0116	2.2394
		T (°C)	30	5180.0121	5180	0.0121	2.3359
		T (°C)	40	5180.0058	5180	0.0058	1.1197
		T (°C)	50	5180.0090	5180	0.0090	1.7375
		T (°C)	60	5180.0127	5180	0.0127	2.4517
		T (°C)	70	5180.0052	5180	0.0052	1.0039
Limits				5150-5250 MHz			
Result				Complies			

BCTC
 3C
 PPR
 Report

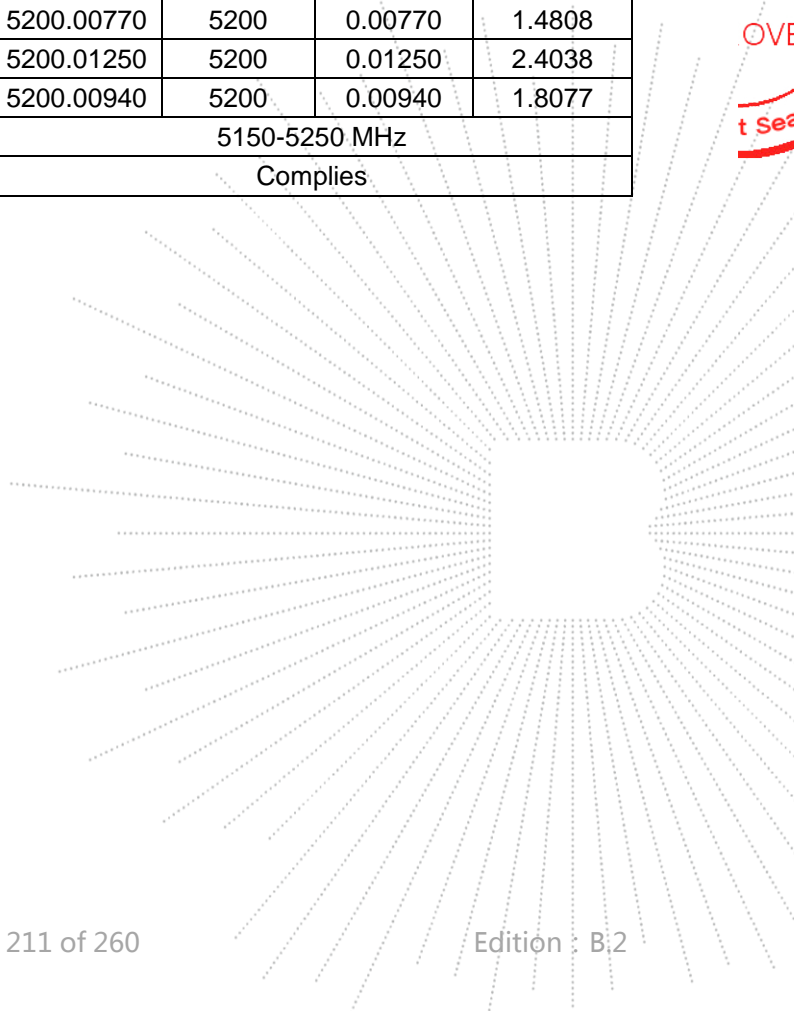


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5200.0076	5200	0.0076	1.4615
		V max (V)	138.00	5200.0096	5200	0.0096	1.8462
		V min (V)	102.00	5200.0012	5200	0.0012	0.2308
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)	120	T (°C)	-20	5200.00280	5200	0.00280	0.5385
		T (°C)	-10	5200.00390	5200	0.00390	0.7500
		T (°C)	0	5200.00930	5200	0.00930	1.7885
		T (°C)	10	5200.01170	5200	0.01170	2.2500
		T (°C)	20	5200.00060	5200	0.00060	0.1154
		T (°C)	30	5200.00350	5200	0.00350	0.6731
		T (°C)	40	5200.00610	5200	0.00610	1.1731
		T (°C)	50	5200.00770	5200	0.00770	1.4808
		T (°C)	60	5200.01250	5200	0.01250	2.4038
		T (°C)	70	5200.00940	5200	0.00940	1.8077
Limits				5150-5250 MHz			
Result				Complies			



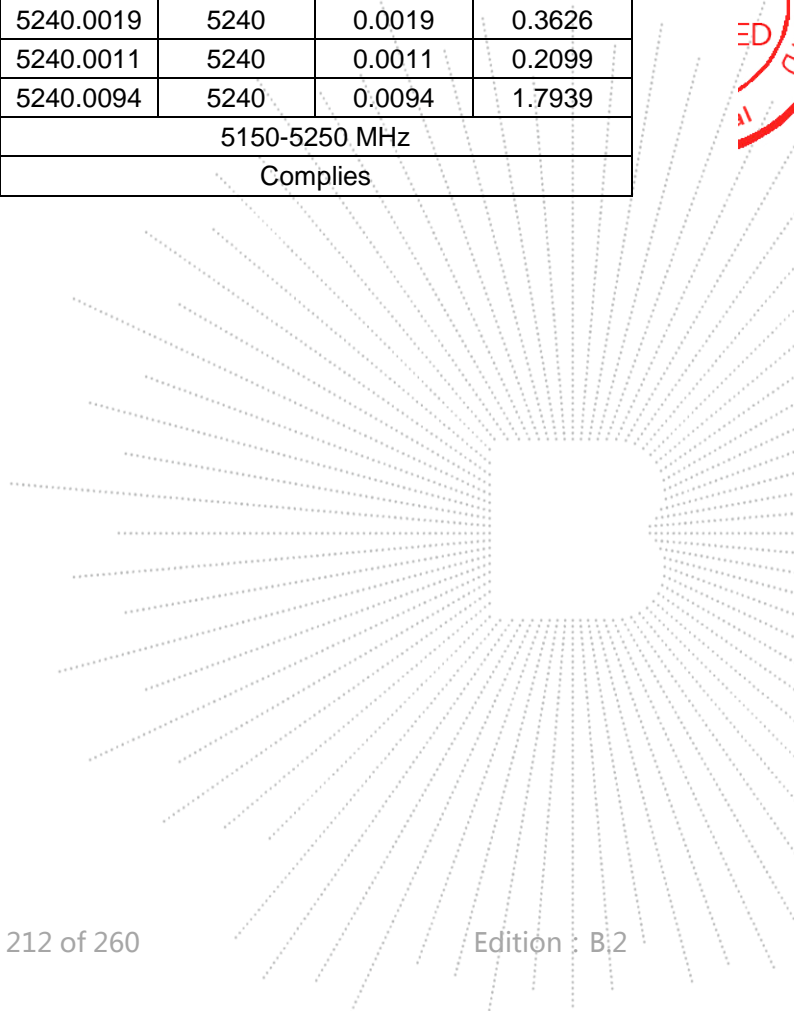
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Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5240.0085	5240	0.0085	1.6221
		V max (V)	138.00	5240.0076	5240	0.0076	1.4504
		V min (V)	102.00	5240.0081	5240	0.0081	1.5458
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	5240.0030	5240	0.0030	0.5725
		T (°C)	-10	5240.0040	5240	0.0040	0.7634
		T (°C)	0	5240.0030	5240	0.0030	0.5725
		T (°C)	10	5240.0085	5240	0.0085	1.6221
		T (°C)	20	5240.0131	5240	0.0131	2.5000
		T (°C)	30	5240.0088	5240	0.0088	1.6794
		T (°C)	40	5240.0043	5240	0.0043	0.8206
		T (°C)	50	5240.0019	5240	0.0019	0.3626
		T (°C)	60	5240.0011	5240	0.0011	0.2099
		T (°C)	70	5240.0094	5240	0.0094	1.7939
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	5260.0047	5260	0.0047	0.8935
		V max (V)	138.00	5260.0042	5260	0.0042	0.7985
		V min (V)	102.00	5260.0025	5260	0.0025	0.4753
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)	120	T (°C)	-20	5260.0018	5260	0.0018	0.3422
		T (°C)	-10	5260.0009	5260	0.0009	0.1711
		T (°C)	0	5260.0049	5260	0.0049	0.9316
		T (°C)	10	5260.0096	5260	0.0096	1.8251
		T (°C)	20	5260.0102	5260	0.0102	1.9392
		T (°C)	30	5260.0032	5260	0.0032	0.6084
		T (°C)	40	5260.0026	5260	0.0026	0.4943
		T (°C)	50	5260.0094	5260	0.0094	1.7871
		T (°C)	60	5260.0036	5260	0.0036	0.6844
		T (°C)	70	5260.0007	5260	0.0007	0.1331
Limits				5250-5350 MHz			
Result				Complies			

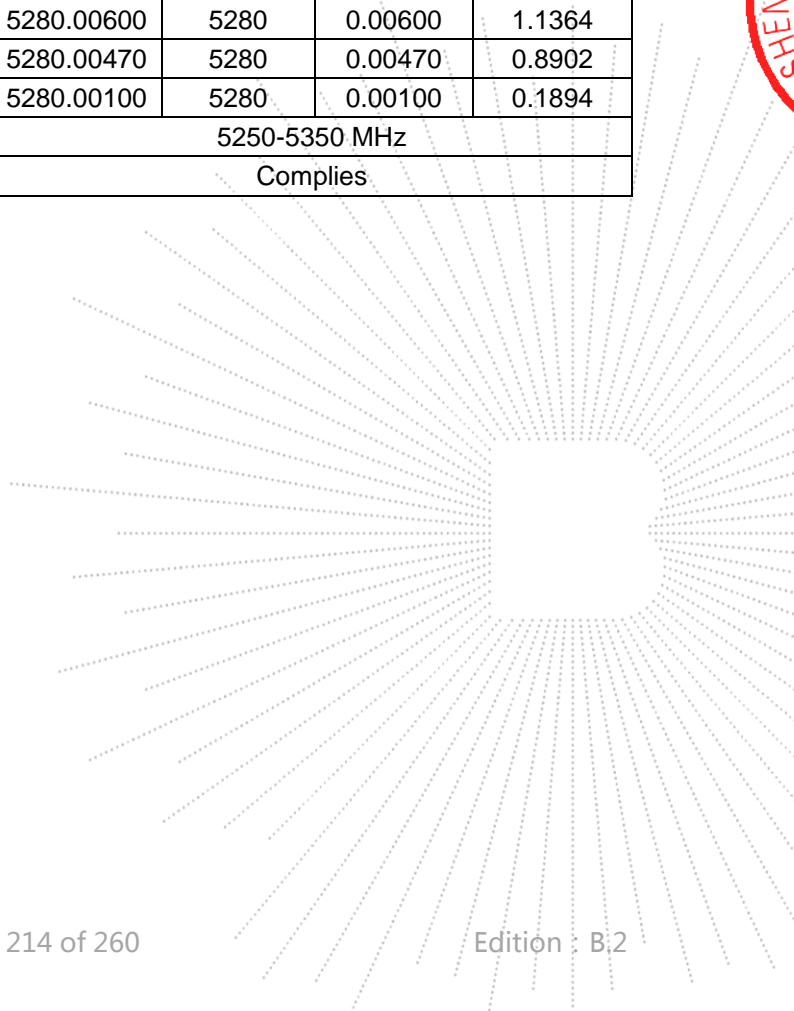
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Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5280.0049	5280	0.0049	0.9280
		V max (V)	138.00	5280.0041	5280	0.0041	0.7765
		V min (V)	102.00	5280.0110	5280	0.0110	2.0833
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)	120	T (°C)	-20	5280.00270	5280	0.00270	0.5114
		T (°C)	-10	5280.01040	5280	0.01040	1.9697
		T (°C)	0	5280.00970	5280	0.00970	1.8371
		T (°C)	10	5280.00180	5280	0.00180	0.3409
		T (°C)	20	5280.01220	5280	0.01220	2.3106
		T (°C)	30	5280.00030	5280	0.00030	0.0568
		T (°C)	40	5280.01190	5280	0.01190	2.2538
		T (°C)	50	5280.00600	5280	0.00600	1.1364
		T (°C)	60	5280.00470	5280	0.00470	0.8902
		T (°C)	70	5280.00100	5280	0.00100	0.1894
Limits				5250-5350 MHz			
Result				Complies			

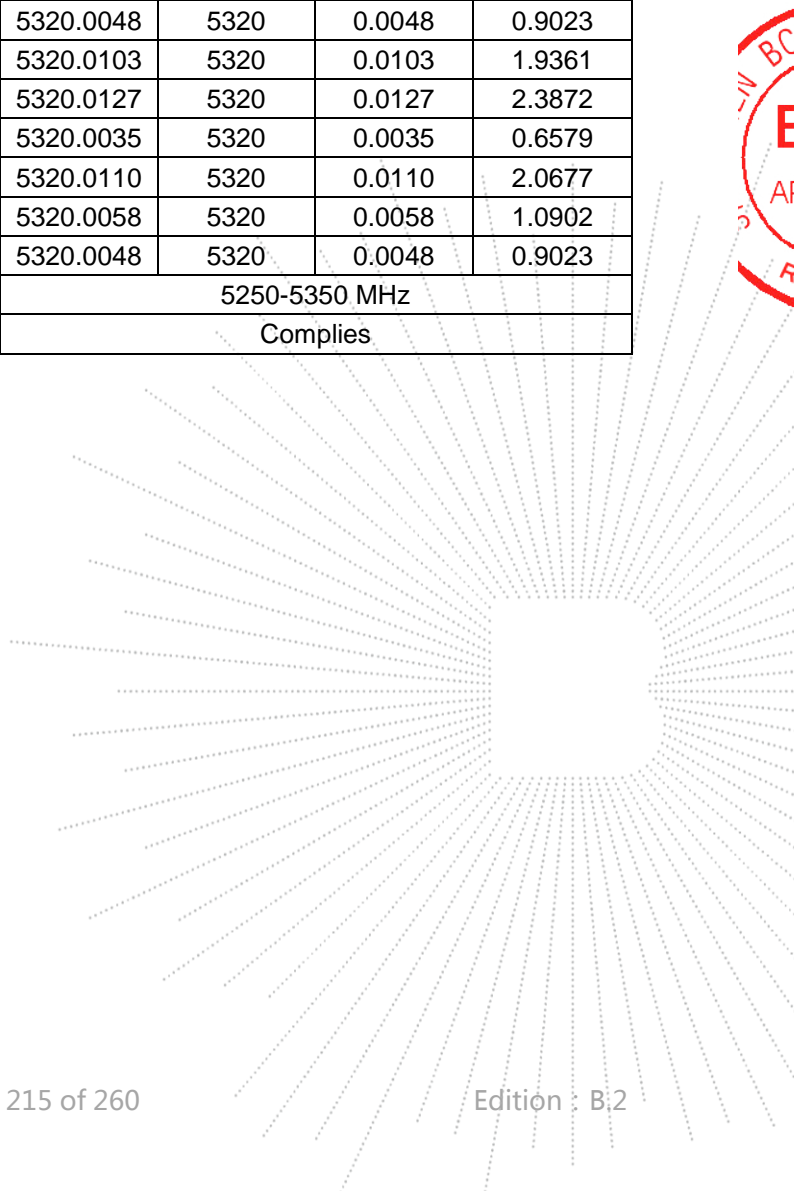



Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5320.0027	5320	0.0027	0.5075
		V max (V)	138.00	5320.0025	5320	0.0025	0.4699
		V min (V)	102.00	5320.0097	5320	0.0097	1.8233
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)	120	T (°C)	-20	5320.0007	5320	0.0007	0.1316
		T (°C)	-10	5320.0100	5320	0.0100	1.8797
		T (°C)	0	5320.0046	5320	0.0046	0.8647
		T (°C)	10	5320.0048	5320	0.0048	0.9023
		T (°C)	20	5320.0103	5320	0.0103	1.9361
		T (°C)	30	5320.0127	5320	0.0127	2.3872
		T (°C)	40	5320.0035	5320	0.0035	0.6579
		T (°C)	50	5320.0110	5320	0.0110	2.0677
		T (°C)	60	5320.0058	5320	0.0058	1.0902
		T (°C)	70	5320.0048	5320	0.0048	0.9023
Limits				5250-5350 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)		

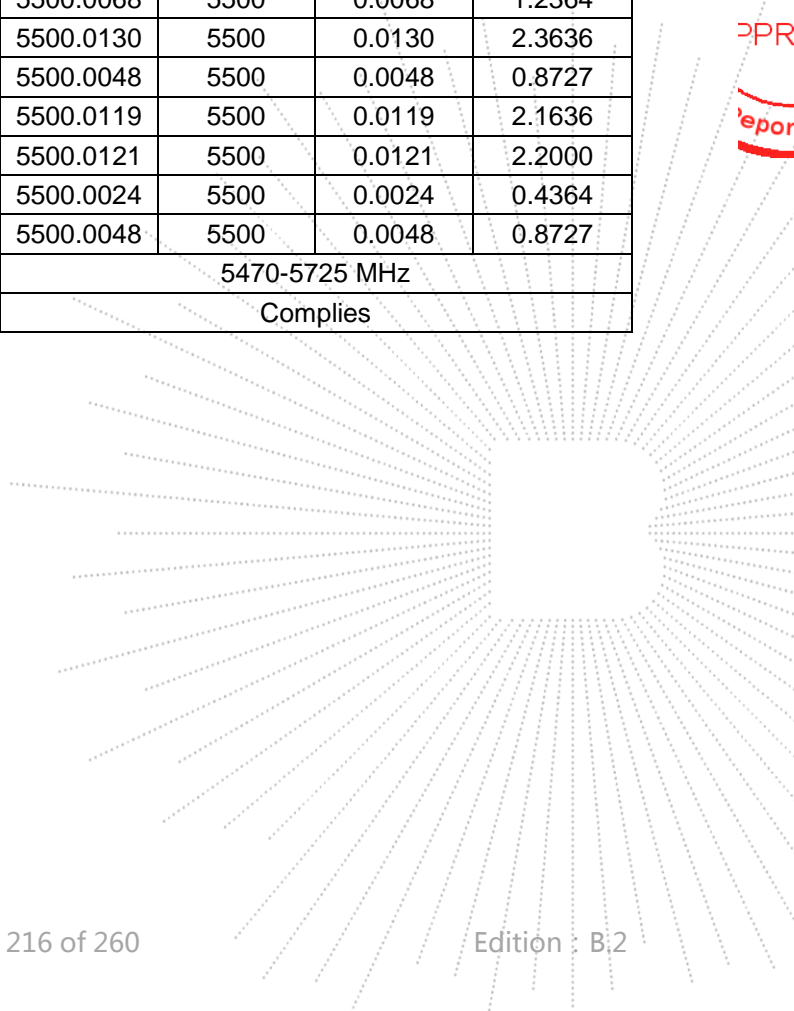
Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5500.0113	5500	0.0113	2.0545
		V max (V)	138.00	5500.0062	5500	0.0062	1.1273
		V min (V)	102.00	5500.0075	5500	0.0075	1.3636
Limits				5470-5725 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	5500.0124	5500	0.0124	2.2545
		T (°C)	-10	5500.0024	5500	0.0024	0.4364
		T (°C)	0	5500.0044	5500	0.0044	0.8000
		T (°C)	10	5500.0068	5500	0.0068	1.2364
		T (°C)	20	5500.0130	5500	0.0130	2.3636
		T (°C)	30	5500.0048	5500	0.0048	0.8727
		T (°C)	40	5500.0119	5500	0.0119	2.1636
		T (°C)	50	5500.0121	5500	0.0121	2.2000
		T (°C)	60	5500.0024	5500	0.0024	0.4364
		T (°C)	70	5500.0048	5500	0.0048	0.8727
Limits				5470-5725 MHz			
Result				Complies			

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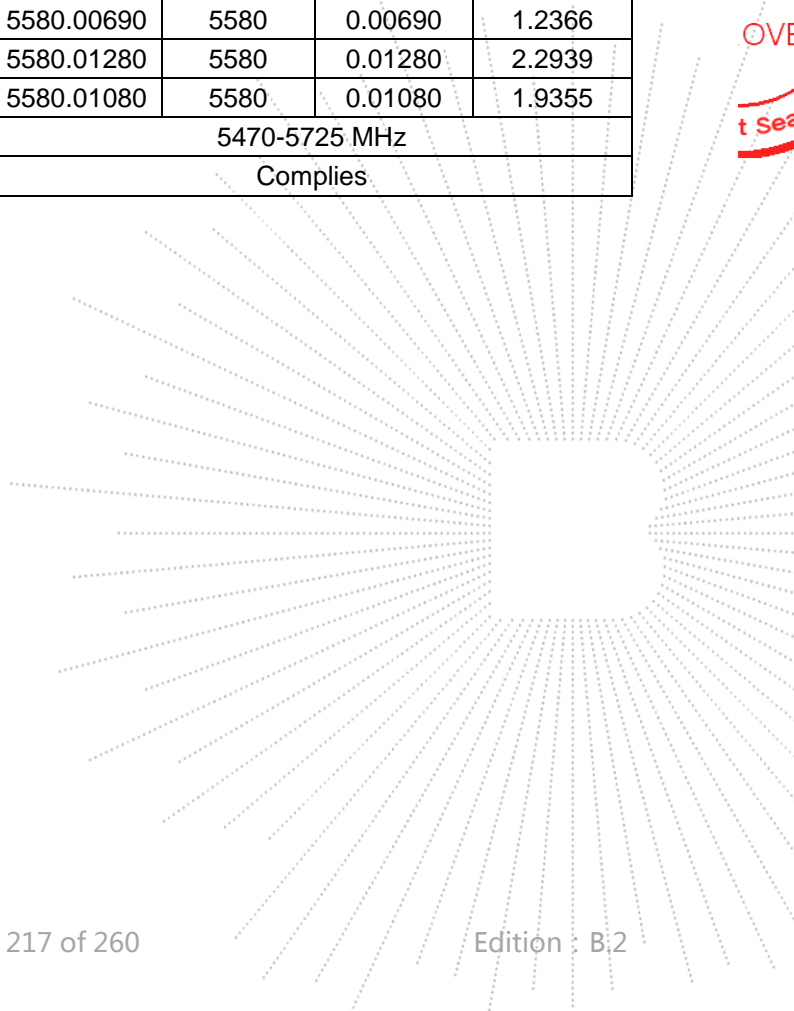


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5580.0093	5580	0.0093	1.6667
		V max (V)	138.00	5580.0065	5580	0.0065	1.1649
		V min (V)	102.00	5580.0039	5580	0.0039	0.6989
Limits				5470-5725 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	5580.00570	5580	0.00570	1.0215
		T (°C)	-10	5580.00570	5580	0.00570	1.0215
		T (°C)	0	5580.00430	5580	0.00430	0.7706
		T (°C)	10	5580.00370	5580	0.00370	0.6631
		T (°C)	20	5580.00020	5580	0.00020	0.0358
		T (°C)	30	5580.00630	5580	0.00630	1.1290
		T (°C)	40	5580.00010	5580	0.00010	0.0179
		T (°C)	50	5580.00690	5580	0.00690	1.2366
		T (°C)	60	5580.01280	5580	0.01280	2.2939
		T (°C)	70	5580.01080	5580	0.01080	1.9355
Limits				5470-5725 MHz			
Result				Complies			



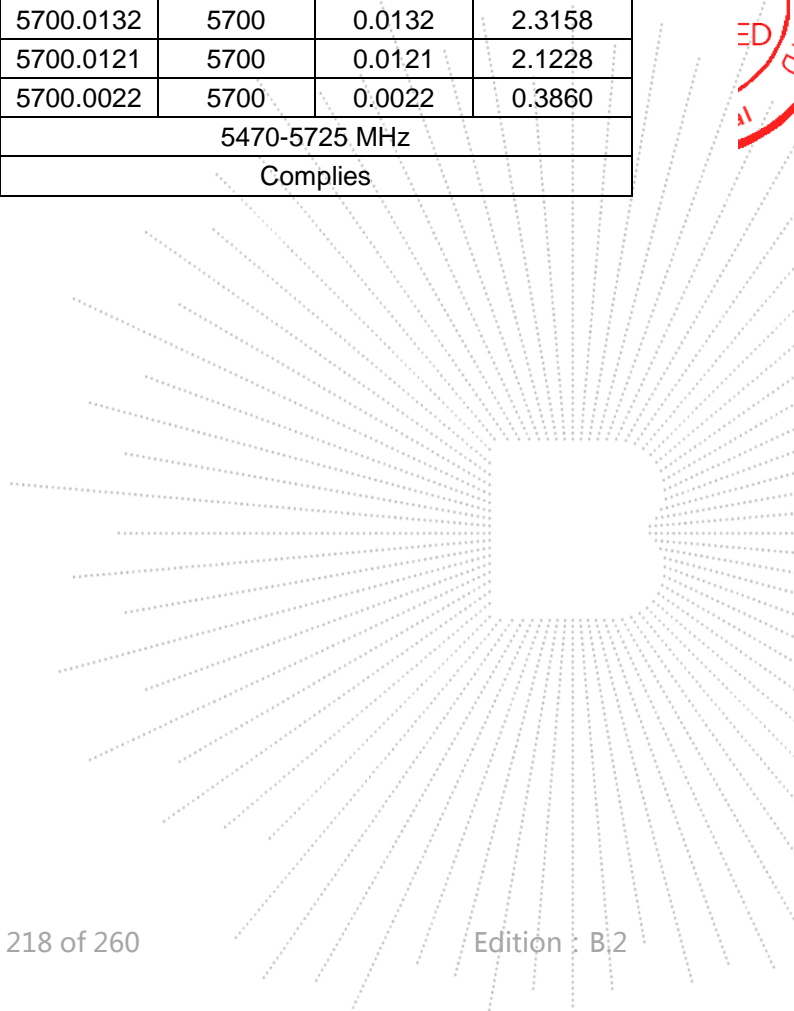
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Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5700.0066	5700	0.0066	1.1579
		V max (V)	138.00	5700.0099	5700	0.0099	1.7368
		V min (V)	102.00	5700.0059	5700	0.0059	1.0351
Limits				5470-5725 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	5700.0028	5700	0.0028	0.4912
		T (°C)	-10	5700.0052	5700	0.0052	0.9123
		T (°C)	0	5700.0129	5700	0.0129	2.2632
		T (°C)	10	5700.0089	5700	0.0089	1.5614
		T (°C)	20	5700.0117	5700	0.0117	2.0526
		T (°C)	30	5700.0086	5700	0.0086	1.5088
		T (°C)	40	5700.0089	5700	0.0089	1.5614
		T (°C)	50	5700.0132	5700	0.0132	2.3158
		T (°C)	60	5700.0121	5700	0.0121	2.1228
		T (°C)	70	5700.0022	5700	0.0022	0.3860
Limits				5470-5725 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	5745.00350	5745	0.00350	0.6092
		V max (V)	138.00	5745.00760	5745	0.00760	1.3229
		V min (V)	102.00	5745.00980	5745	0.00980	1.7058
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	5745.01000	5745	0.01000	1.7406
		T (°C)	-10	5745.01110	5745	0.01110	1.9321
		T (°C)	0	5745.00950	5745	0.00950	1.6536
		T (°C)	10	5745.01260	5745	0.01260	2.1932
		T (°C)	20	5745.00580	5745	0.00580	1.0096
		T (°C)	30	5745.00780	5745	0.00780	1.3577
		T (°C)	40	5745.00220	5745	0.00220	0.3829
		T (°C)	50	5745.01010	5745	0.01010	1.7581
		T (°C)	60	5745.00590	5745	0.00590	1.0270
		T (°C)	70	5745.00610	5745	0.00610	1.0618
Limits				5725-5850 MHz			
Result				Complies			

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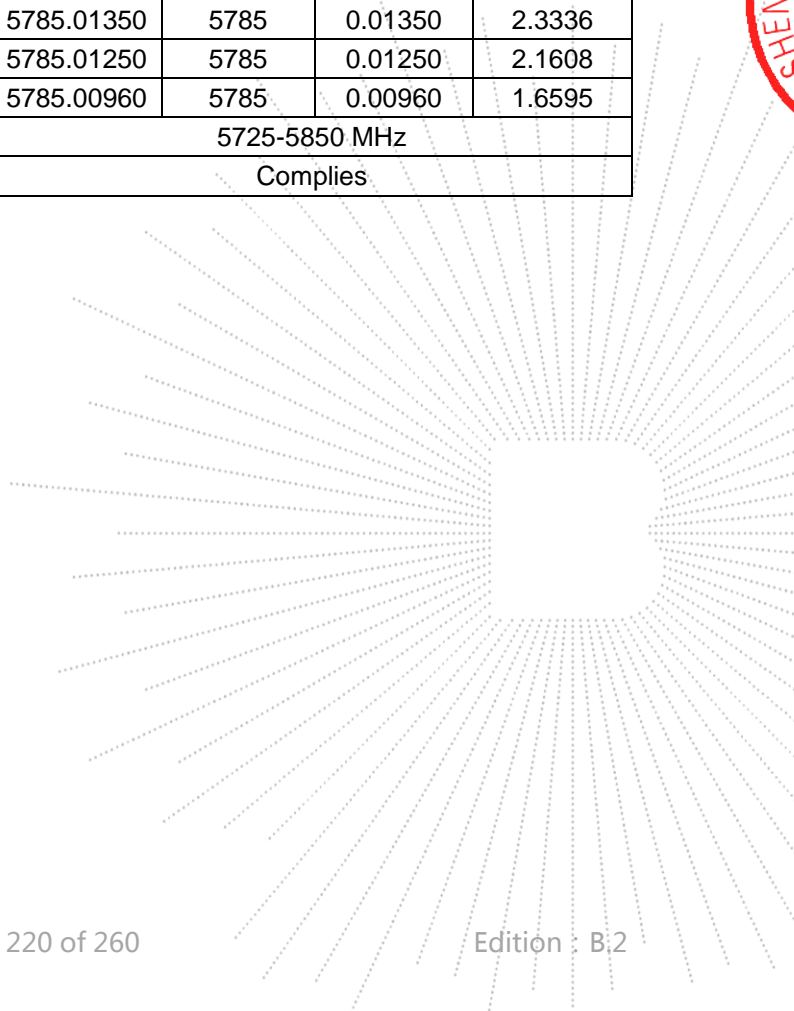
Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5785.00460	5785	0.00460	0.7952
		V max (V)	138.00	5785.00880	5785	0.00880	1.5212
		V min (V)	102.00	5785.00140	5785	0.00140	0.2420
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	5785.01280	5785	0.01280	2.2126
		T (°C)	-10	5785.01030	5785	0.01030	1.7805
		T (°C)	0	5785.00660	5785	0.00660	1.1409
		T (°C)	10	5785.01030	5785	0.01030	1.7805
		T (°C)	20	5785.01350	5785	0.01350	2.3336
		T (°C)	30	5785.00200	5785	0.00200	0.3457
		T (°C)	40	5785.01110	5785	0.01110	1.9188
		T (°C)	50	5785.01350	5785	0.01350	2.3336
		T (°C)	60	5785.01250	5785	0.01250	2.1608
		T (°C)	70	5785.00960	5785	0.00960	1.6595
Limits				5725-5850 MHz			
Result				Complies			

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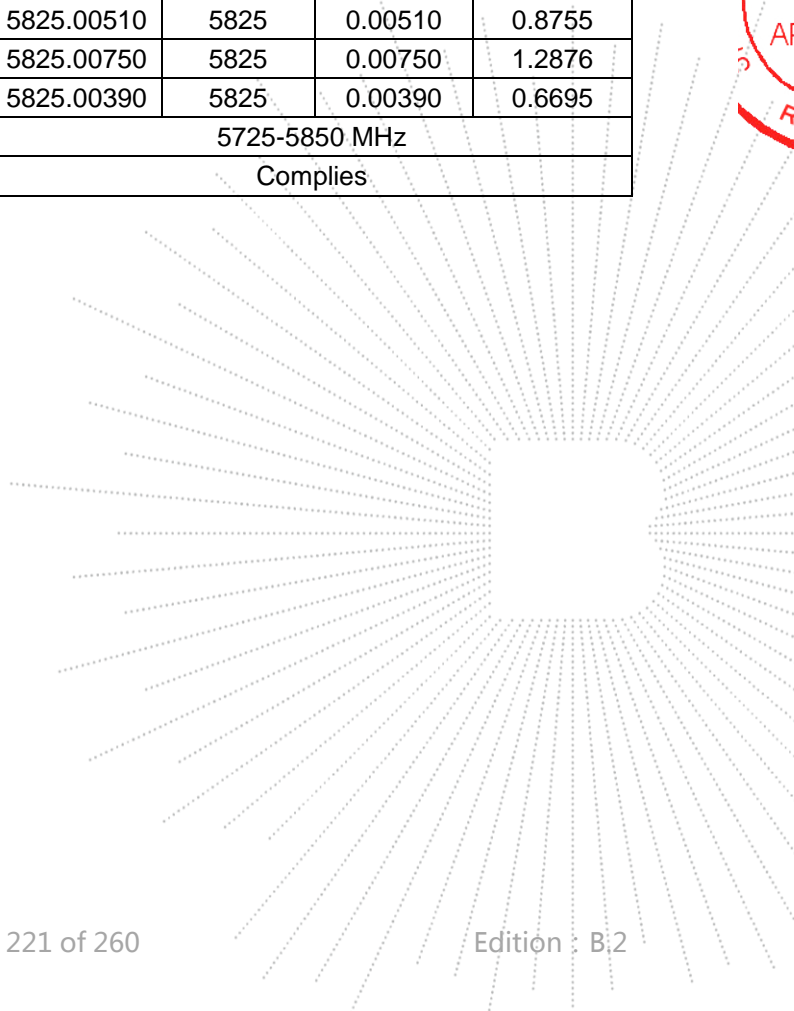


Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120.00	5825.00720	5825	0.00720	1.2361
		V max (V)	138.00	5825.00820	5825	0.00820	1.4077
		V min (V)	102.00	5825.00110	5825	0.00110	0.1888
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	5825.00540	5825	0.00540	0.9270
		T (°C)	-10	5825.01000	5825	0.01000	1.7167
		T (°C)	0	5825.01320	5825	0.01320	2.2661
		T (°C)	10	5825.00730	5825	0.00730	1.2532
		T (°C)	20	5825.00350	5825	0.00350	0.6009
		T (°C)	30	5825.00190	5825	0.00190	0.3262
		T (°C)	40	5825.01350	5825	0.01350	2.3176
		T (°C)	50	5825.00510	5825	0.00510	0.8755
		T (°C)	60	5825.00750	5825	0.00750	1.2876
		T (°C)	70	5825.00390	5825	0.00390	0.6695
Limits				5725-5850 MHz			
Result				Complies			



14. Duty Cycle Of Test Signal

14.1 Standard Requirement

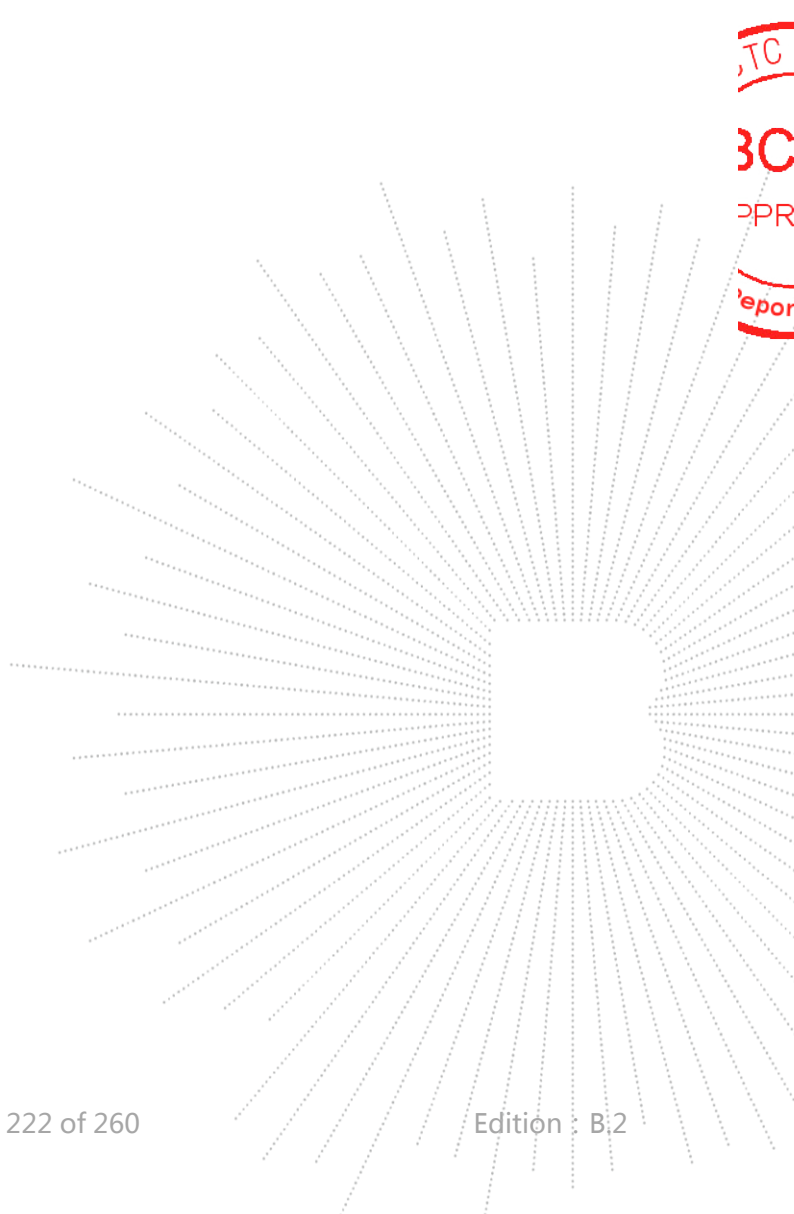
Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative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



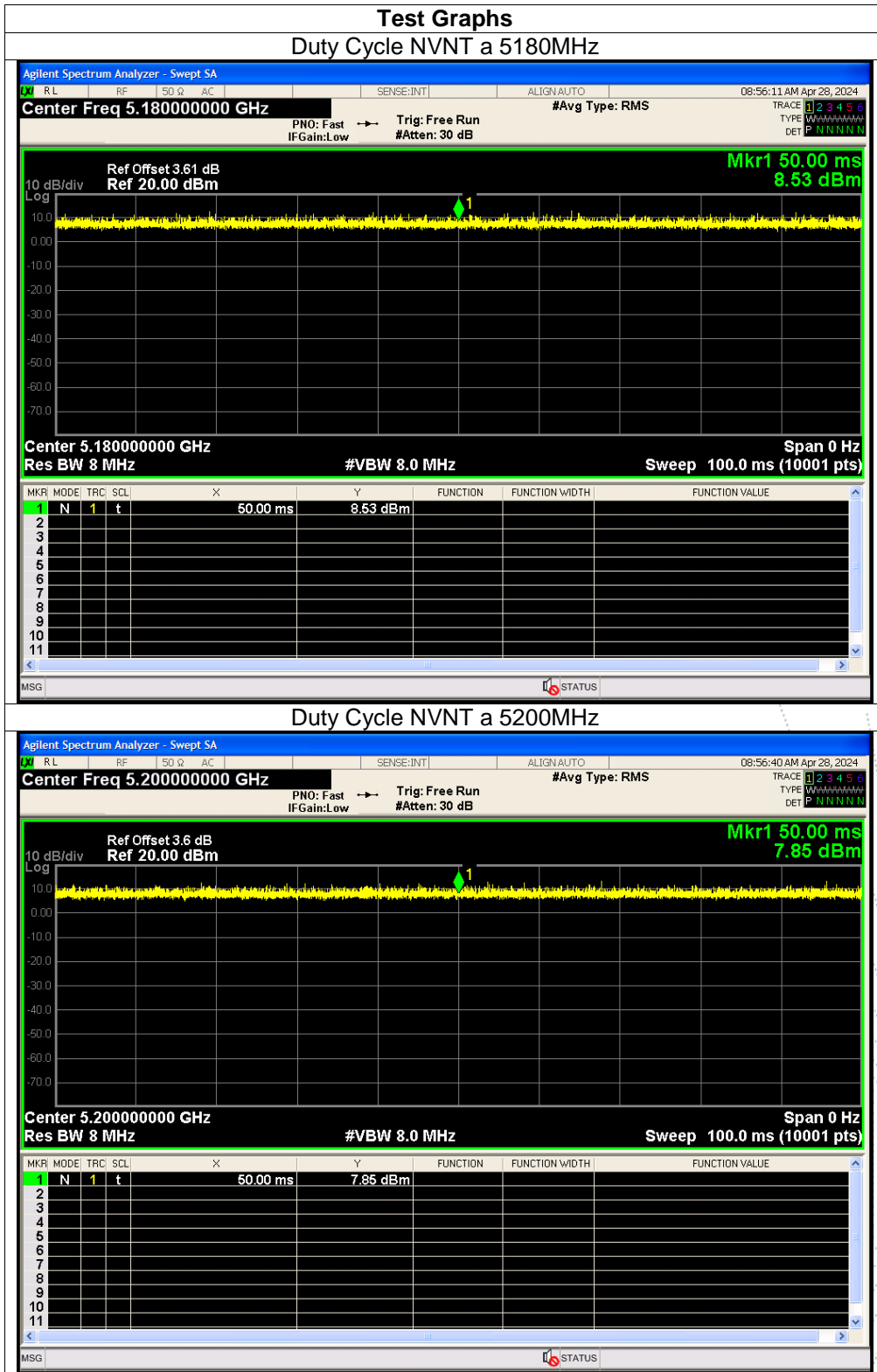
14.4 Test Result

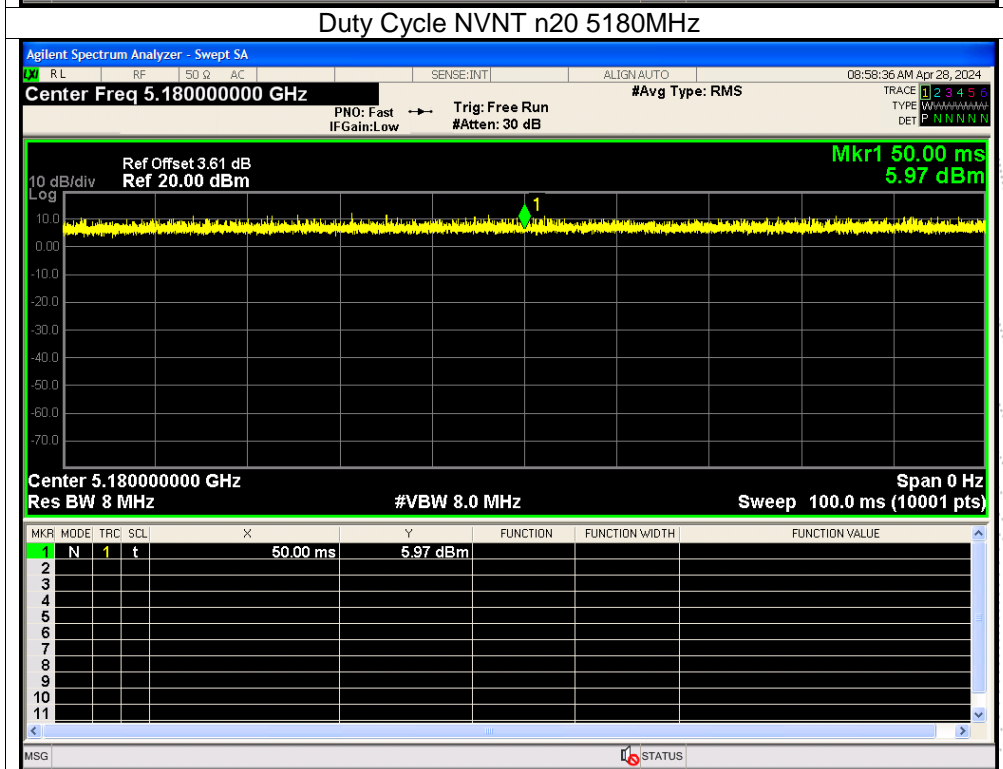
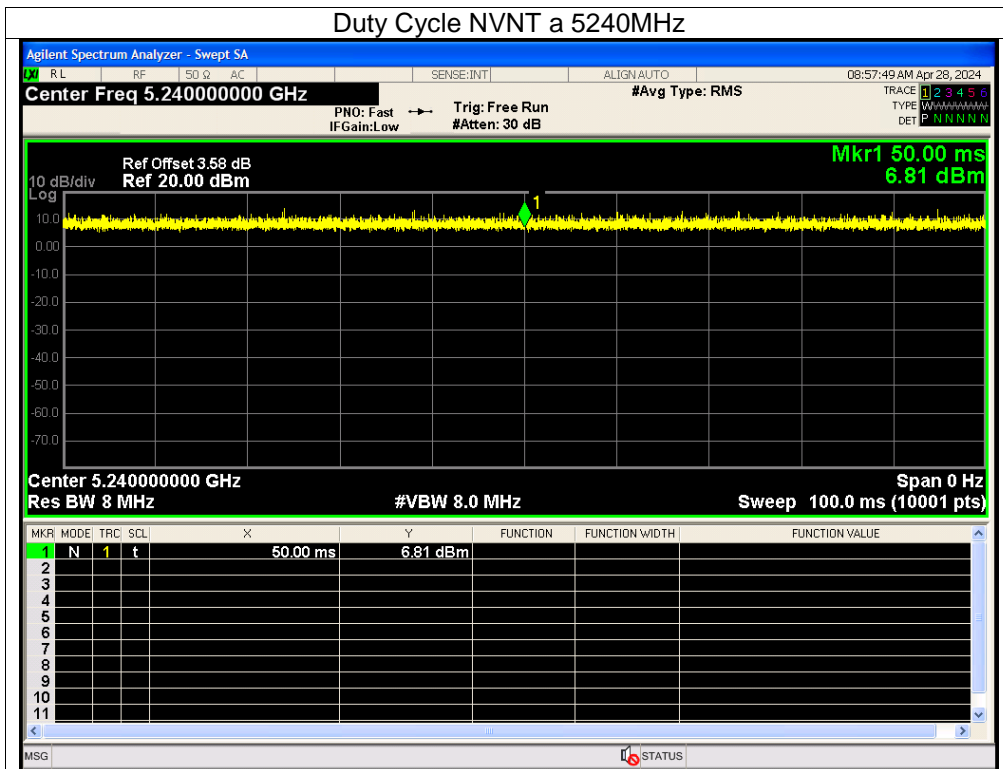
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	AntA	100	0	0
NVNT	a	5200	AntA	100	0	0
NVNT	a	5240	AntA	100	0	0
NVNT	n20	5180	AntA	100	0	0
NVNT	n20	5200	AntA	100	0	0
NVNT	n20	5240	AntA	100	0	0
NVNT	n40	5190	AntA	100	0	0
NVNT	n40	5230	AntA	100	0	0
NVNT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

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

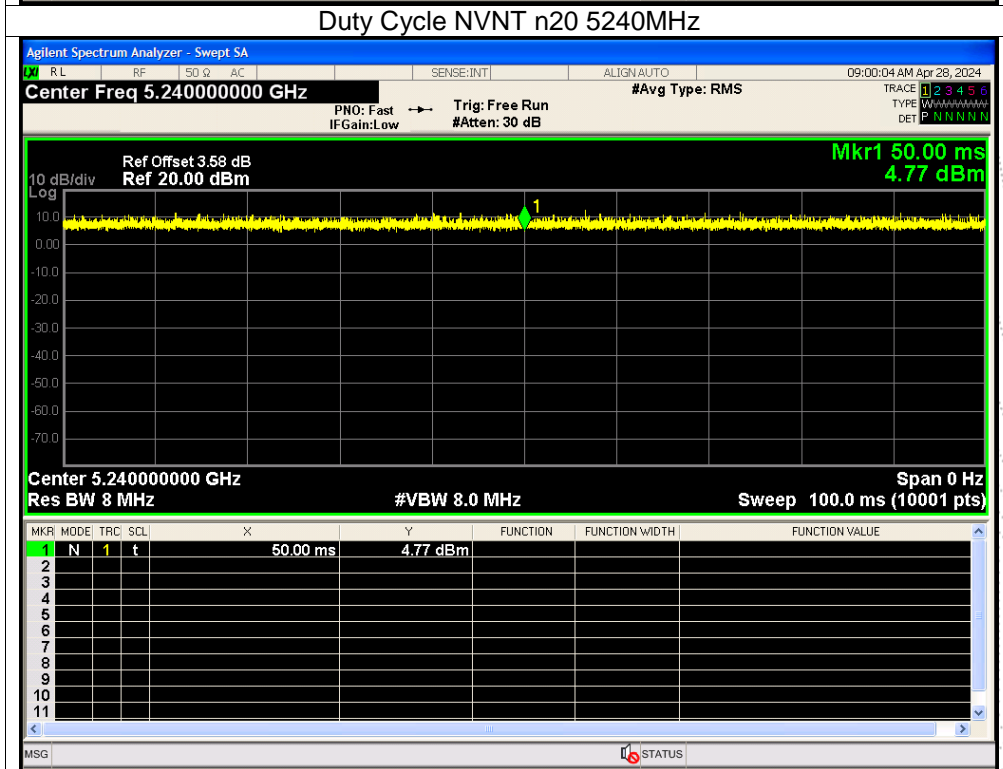
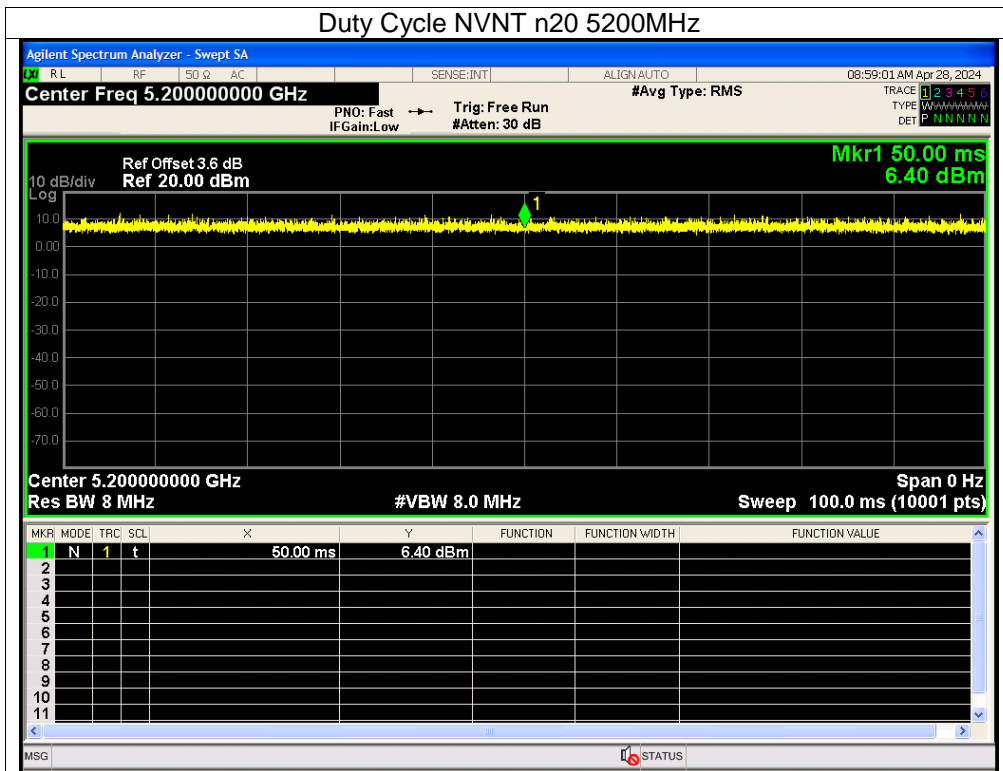
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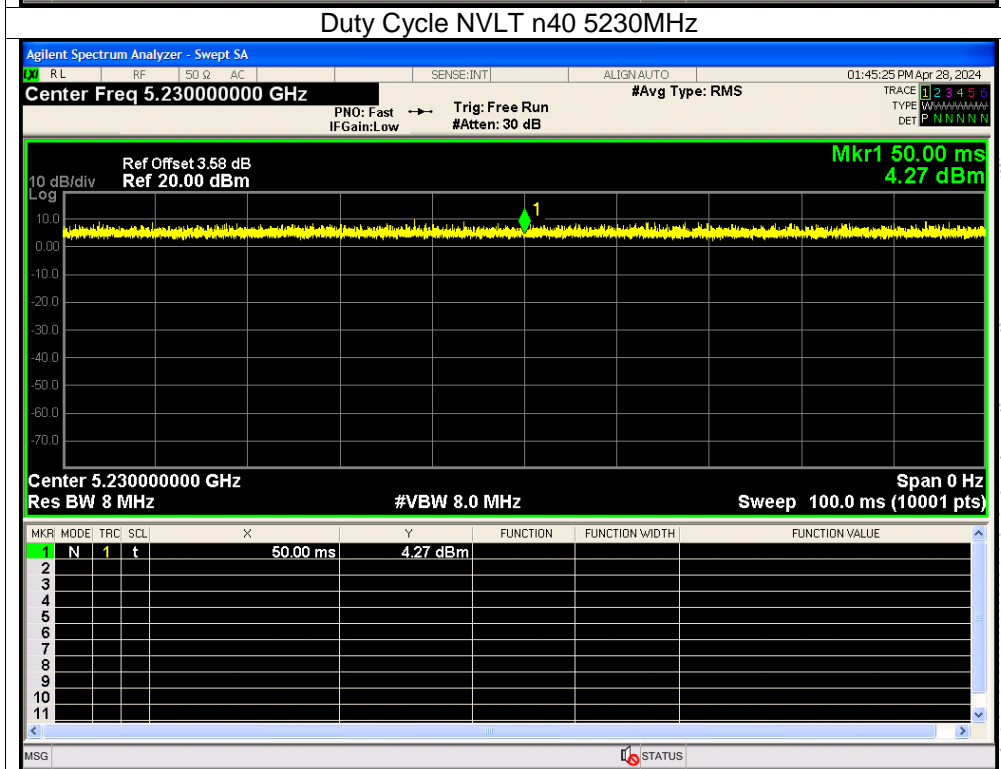
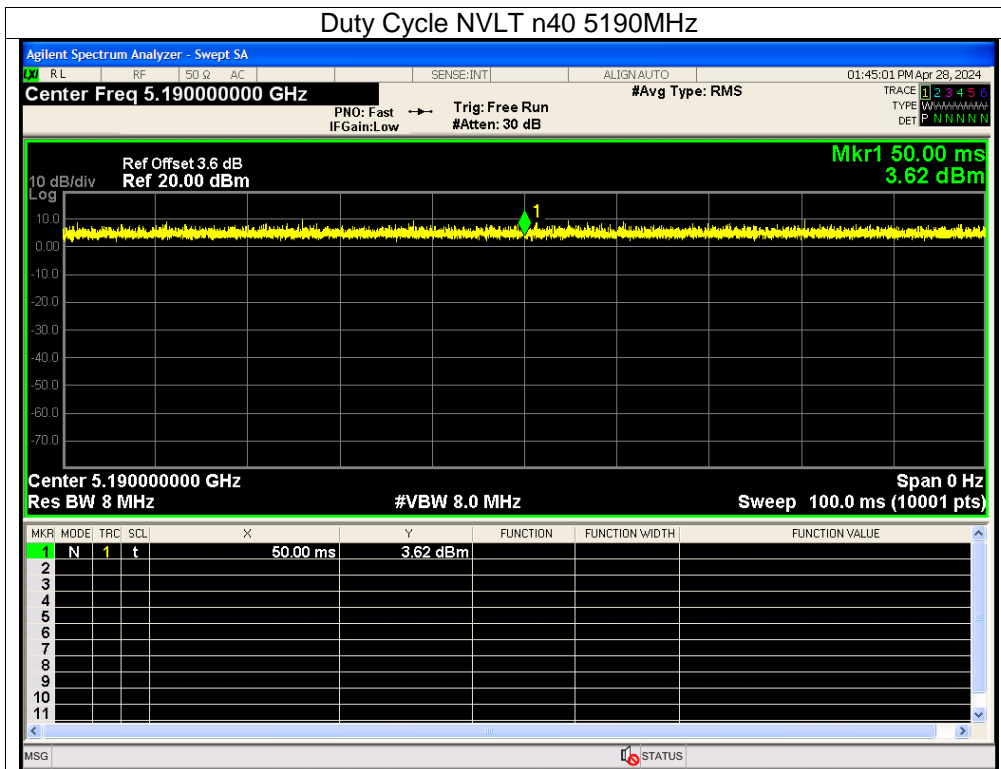
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot.

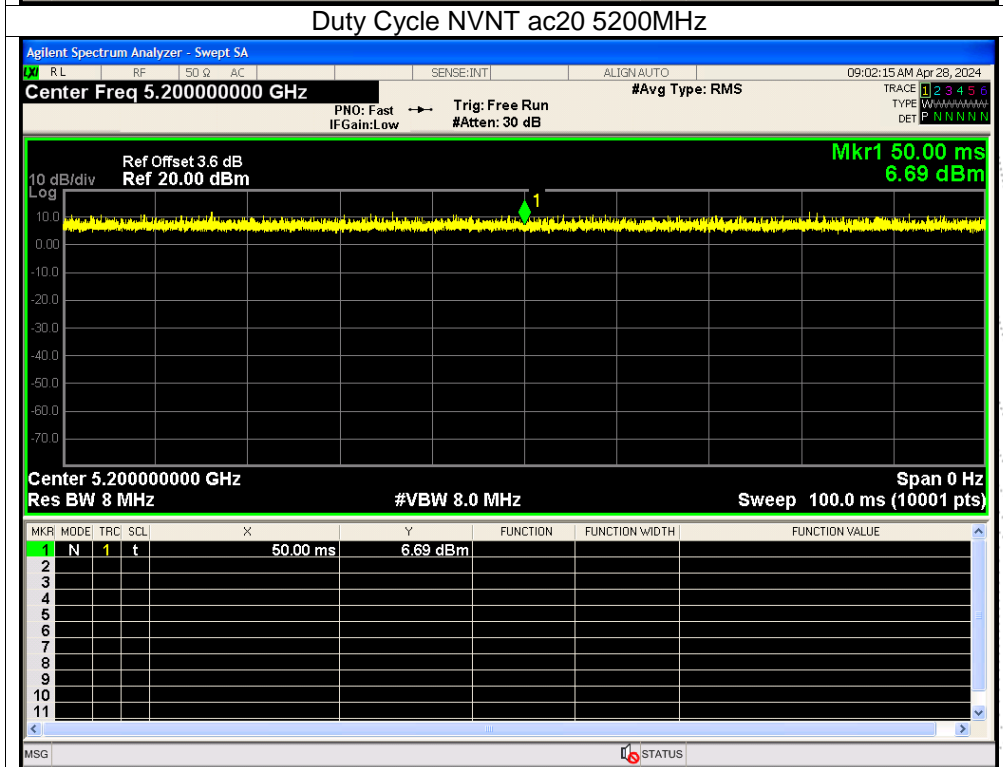
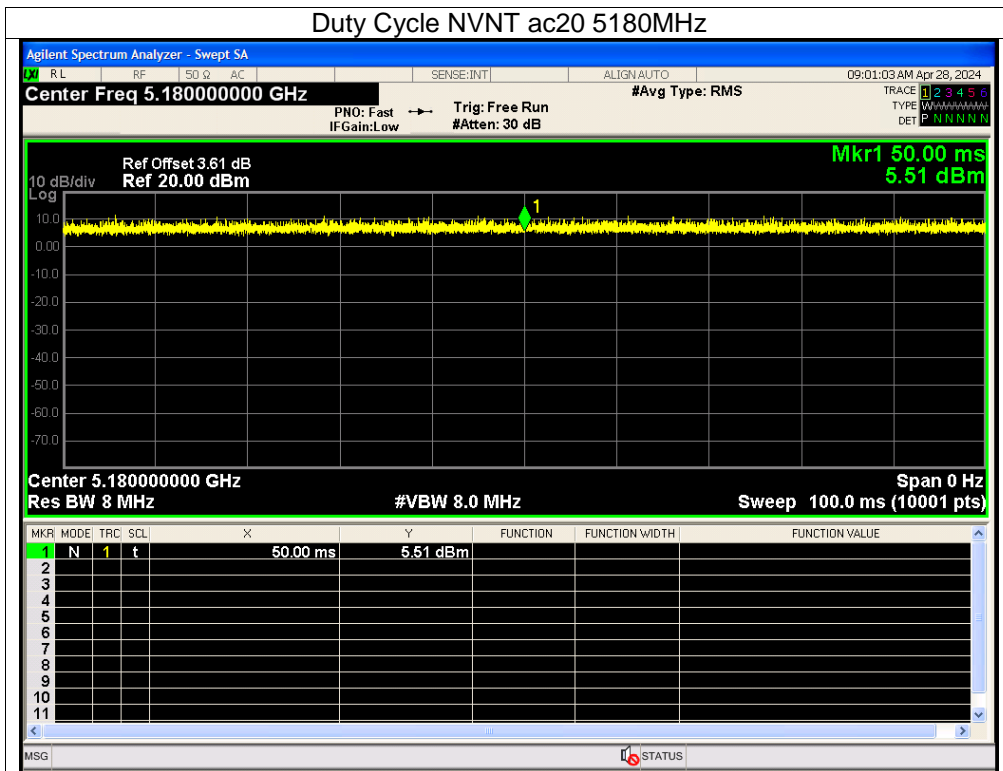




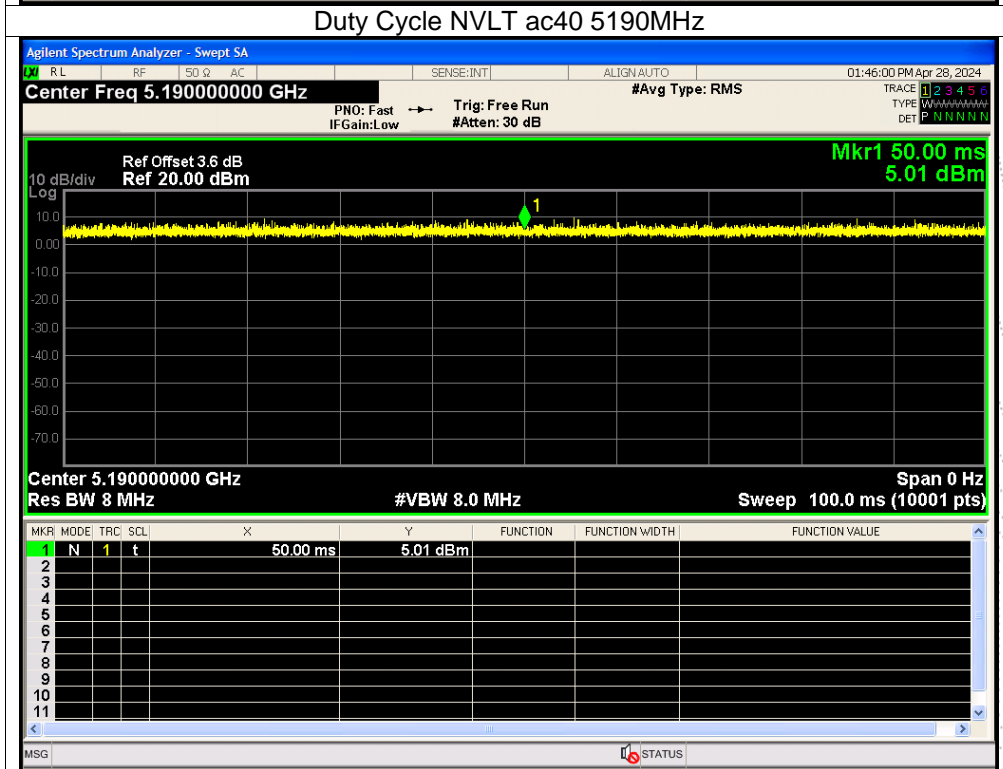
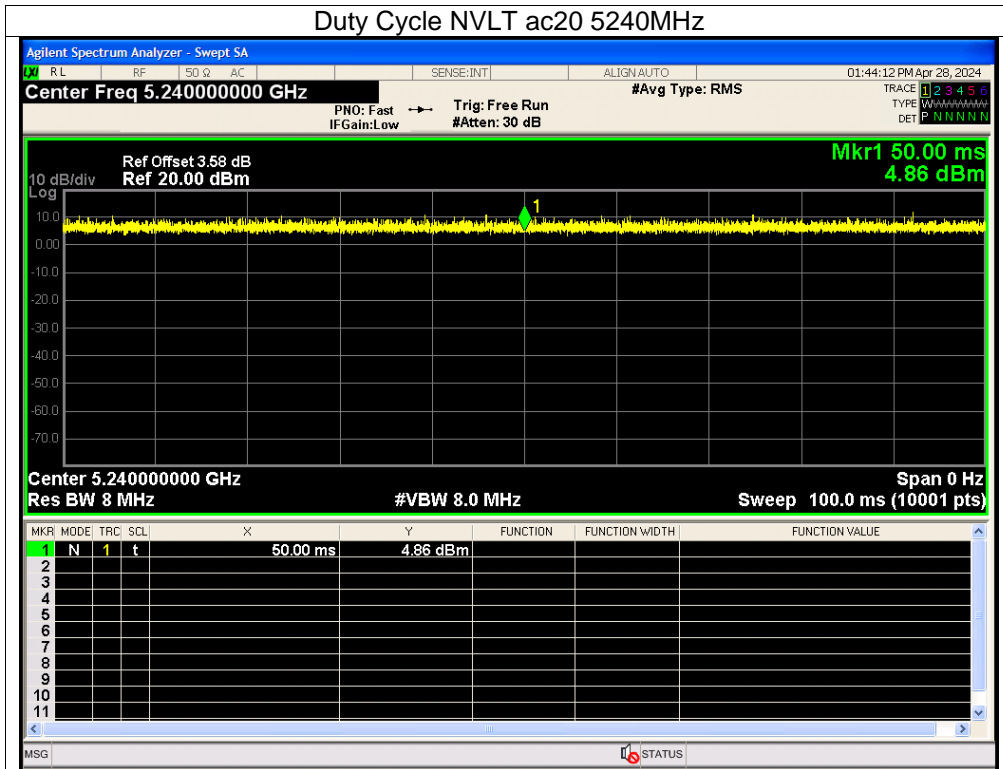
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