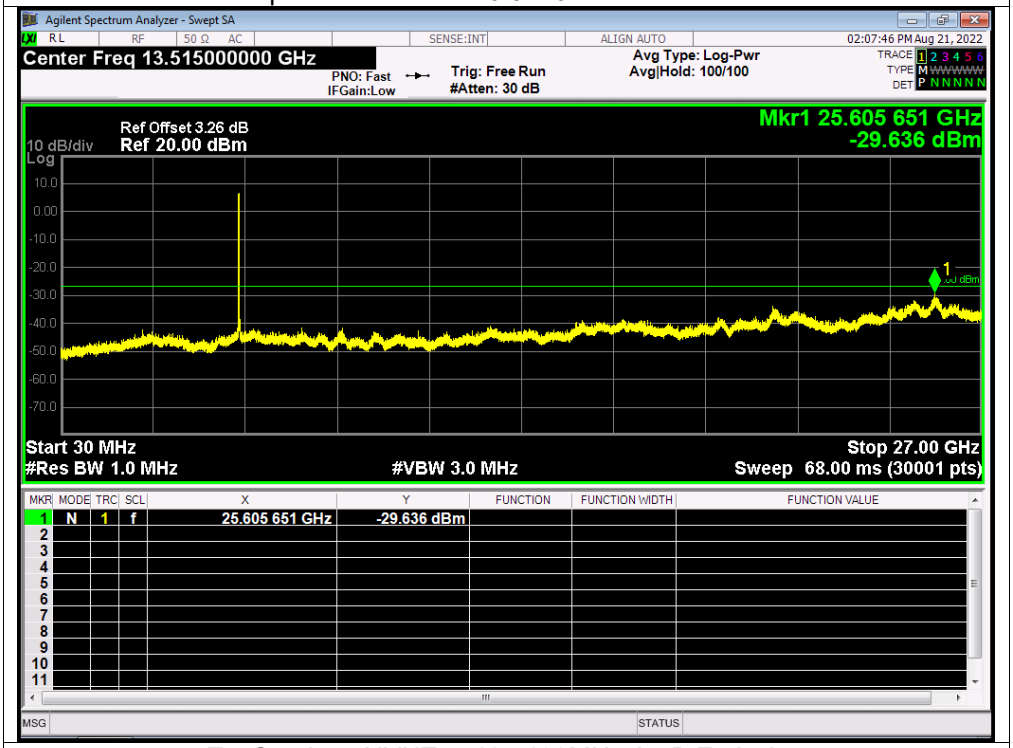
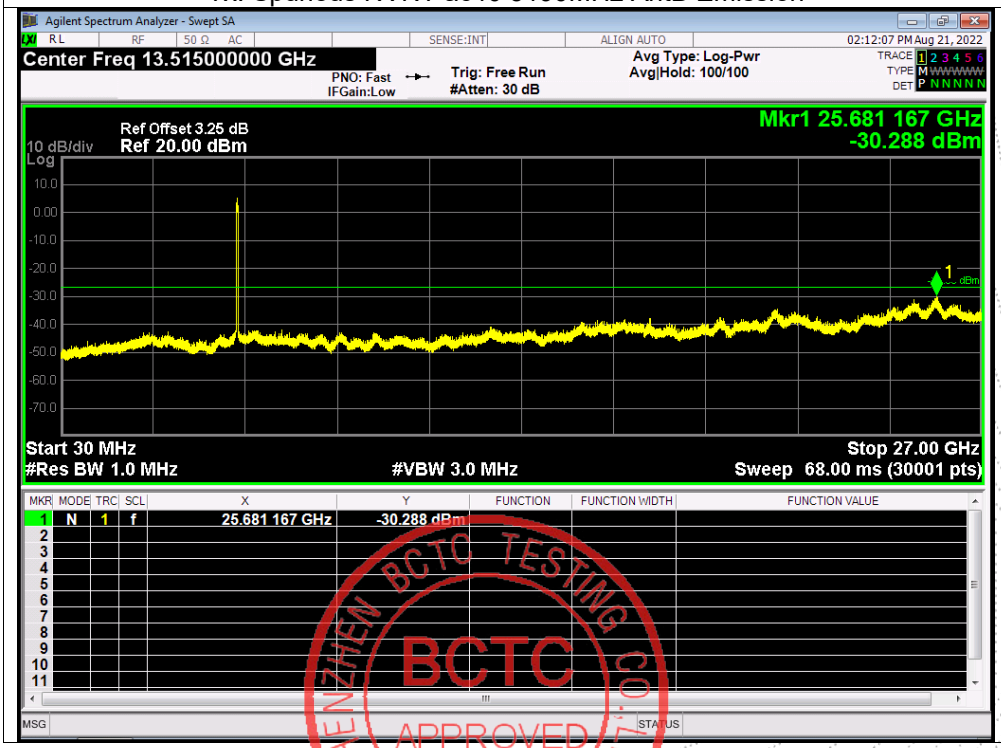
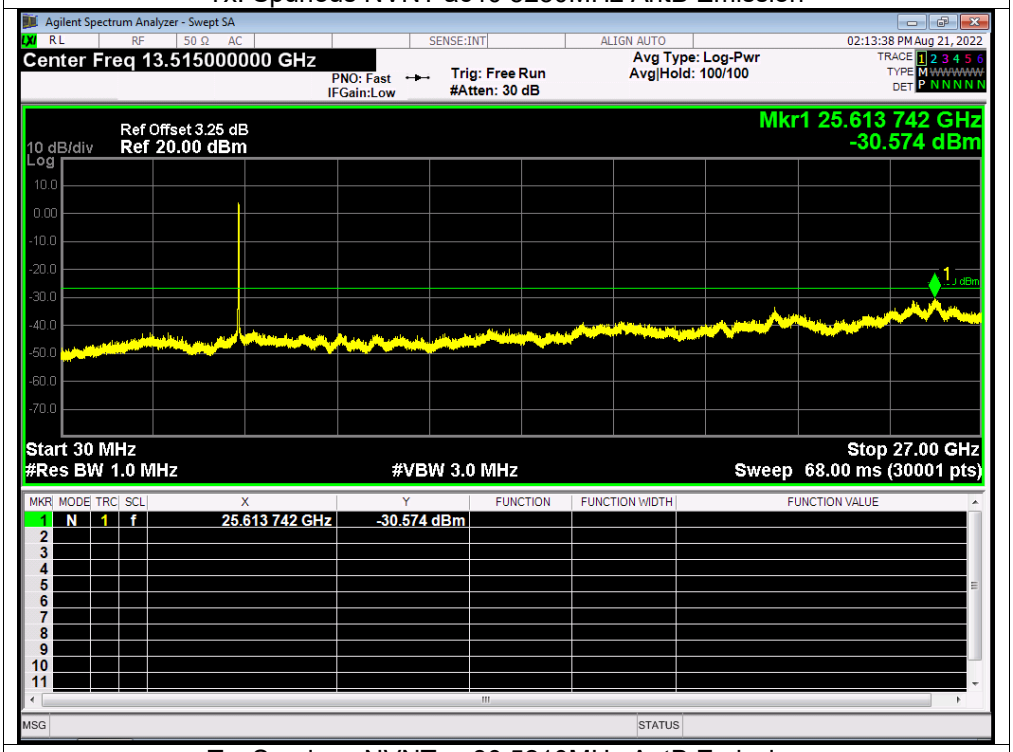
Tx. Spurious NVNT ac20 5240MHz AntB Emission



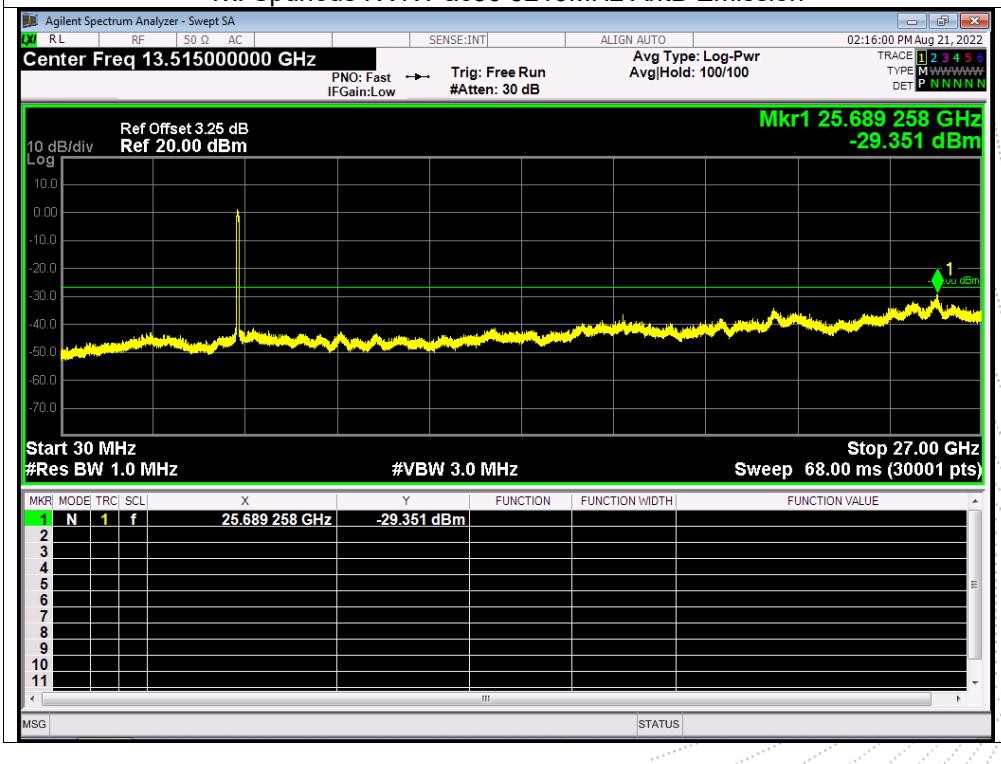
Tx. Spurious NVNT ac40 5190MHz AntB Emission



Tx. Spurious NVNT ac40 5230MHz AntB Emission

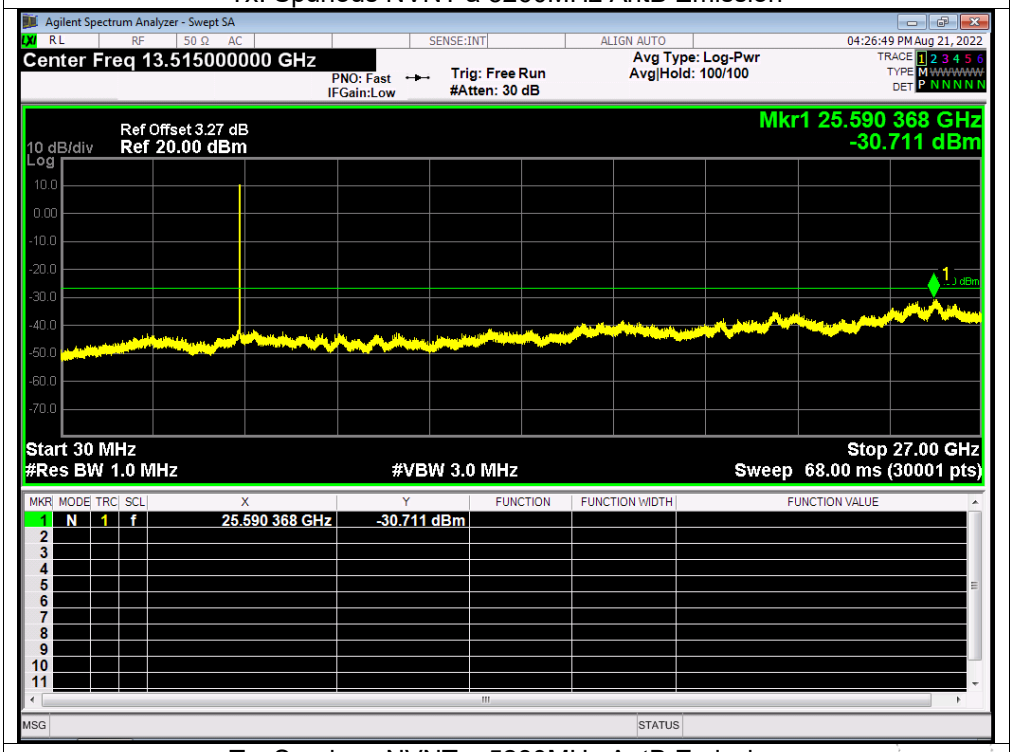


Tx. Spurious NVNT ac80 5210MHz AntB Emission

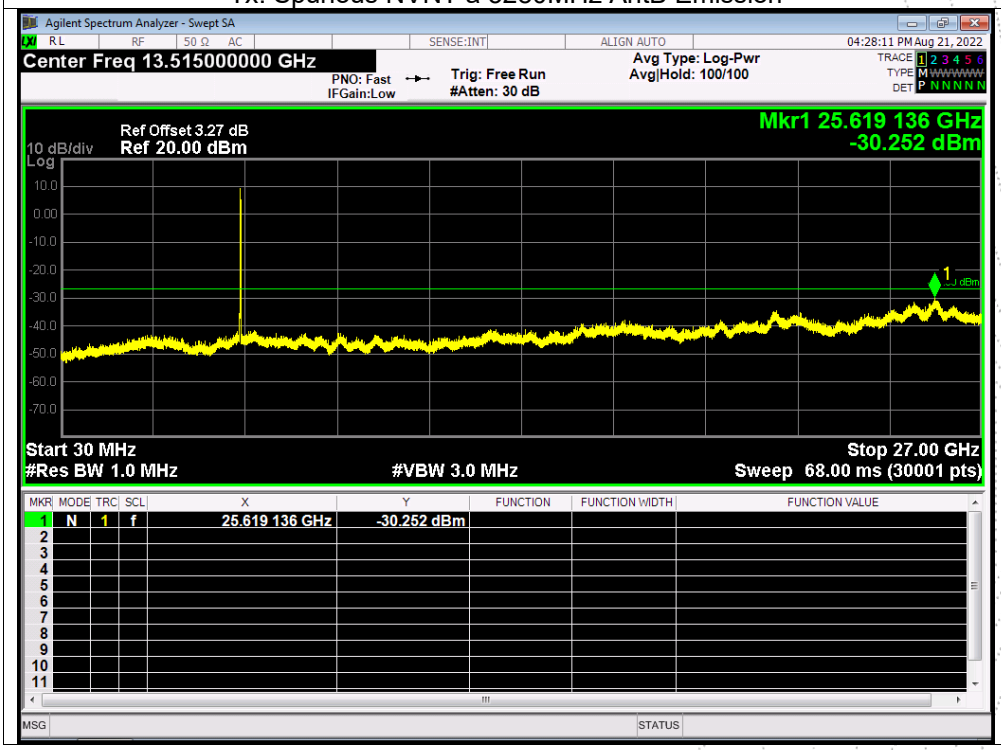


Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B.
Antenna B: 5260-5320MHz

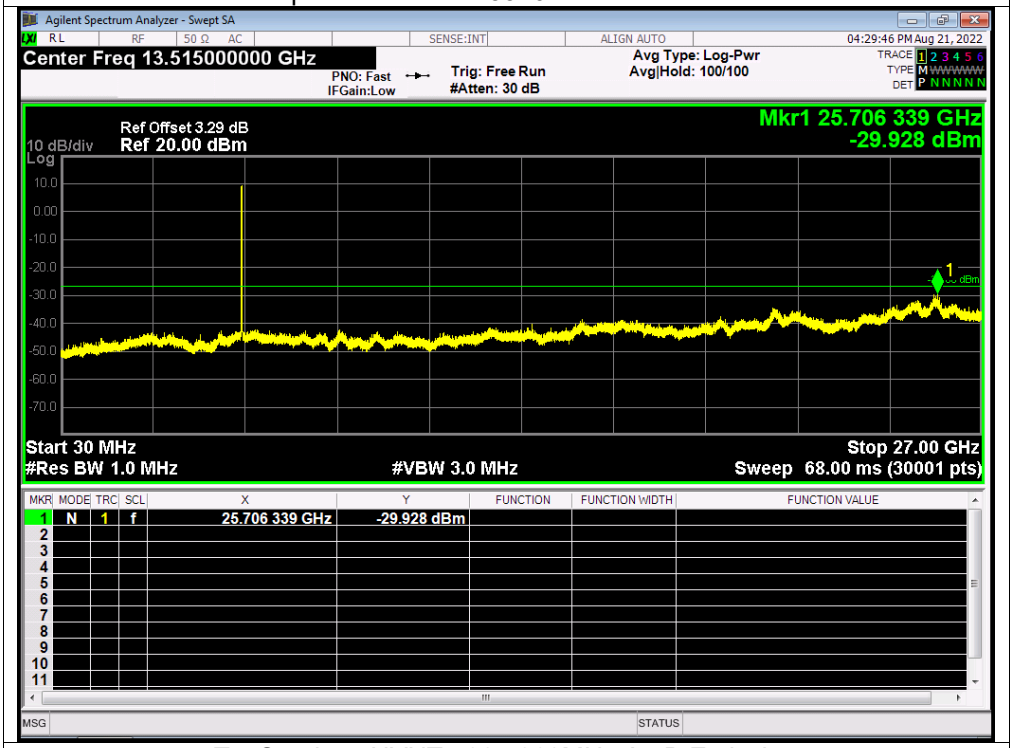
Test Graphs
Tx. Spurious NVNT a 5260MHz AntB Emission



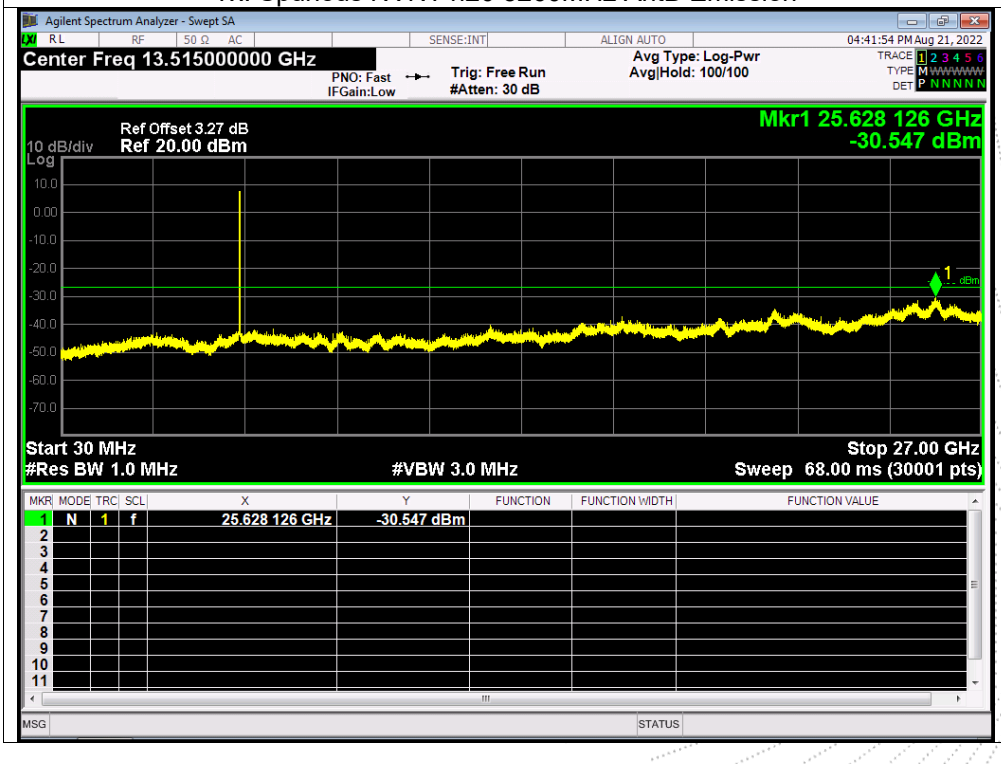
Tx. Spurious NVNT a 5280MHz AntB Emission



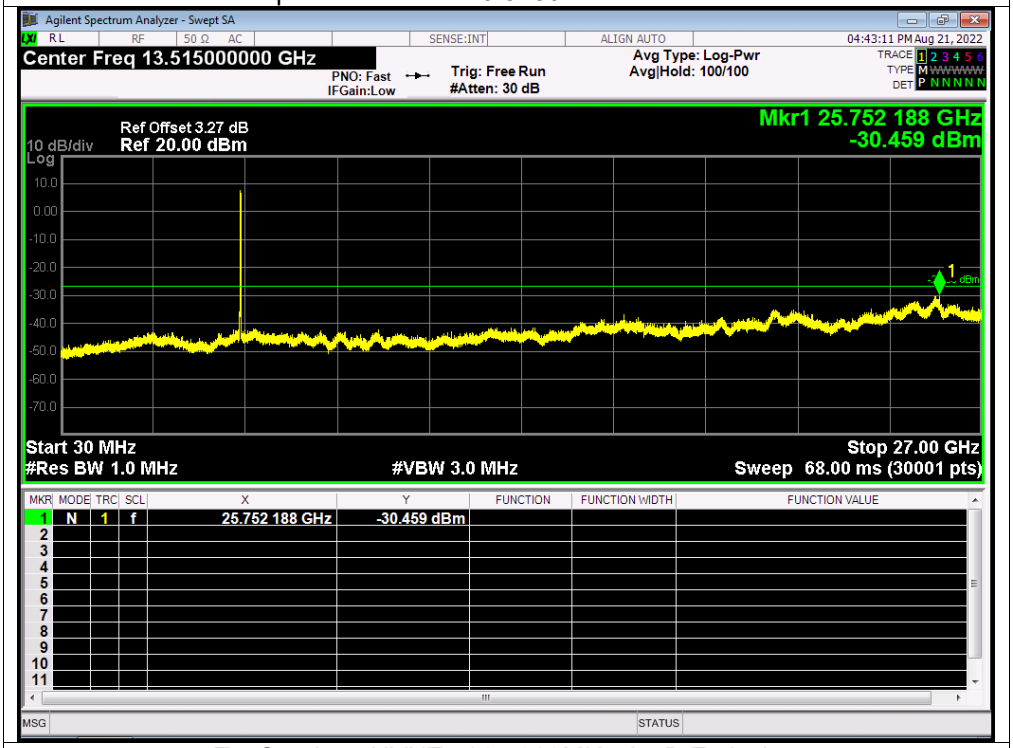
Tx. Spurious NVNT a 5320MHz AntB Emission



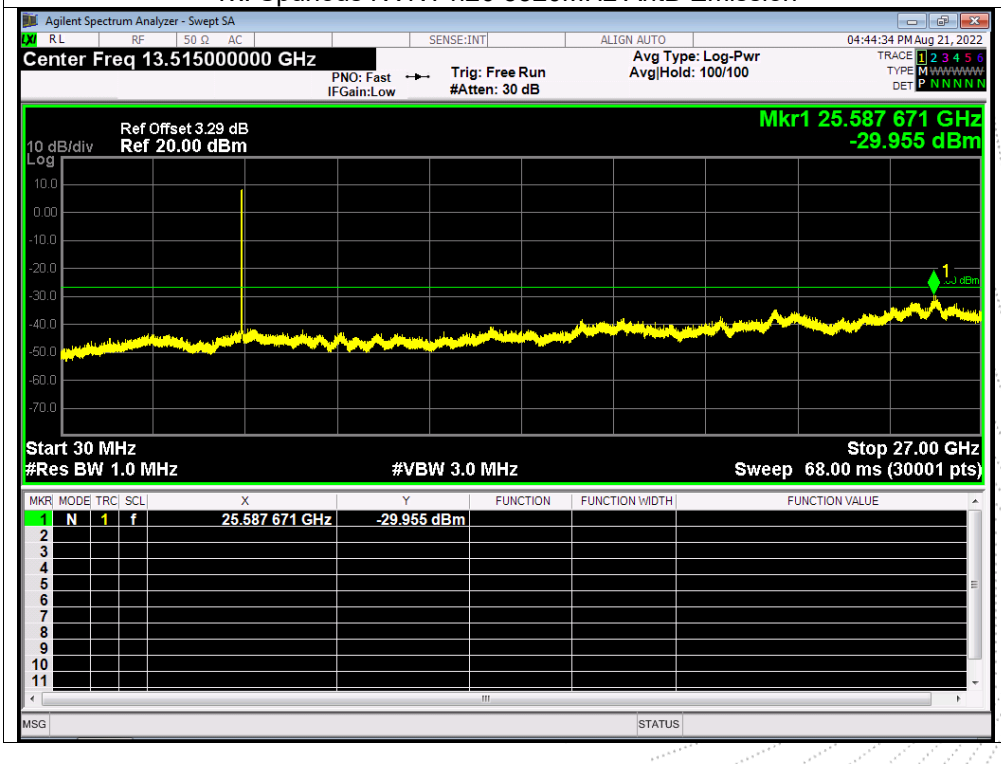
Tx. Spurious NVNT n20 5260MHz AntB Emission



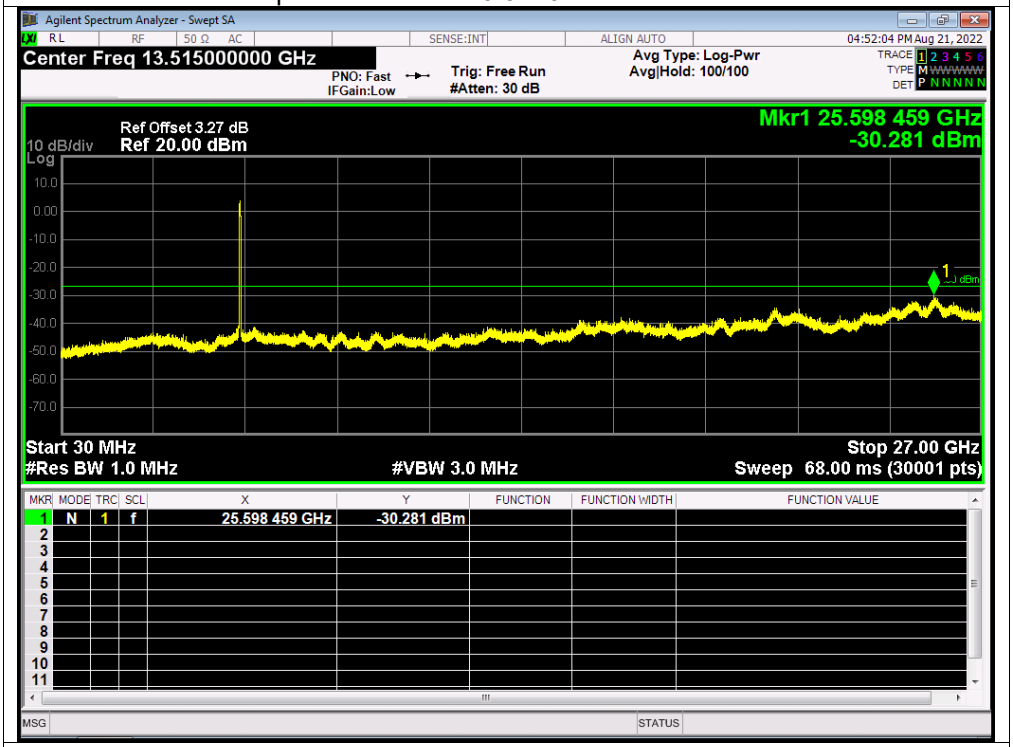
Tx. Spurious NVNT n20 5280MHz AntB Emission



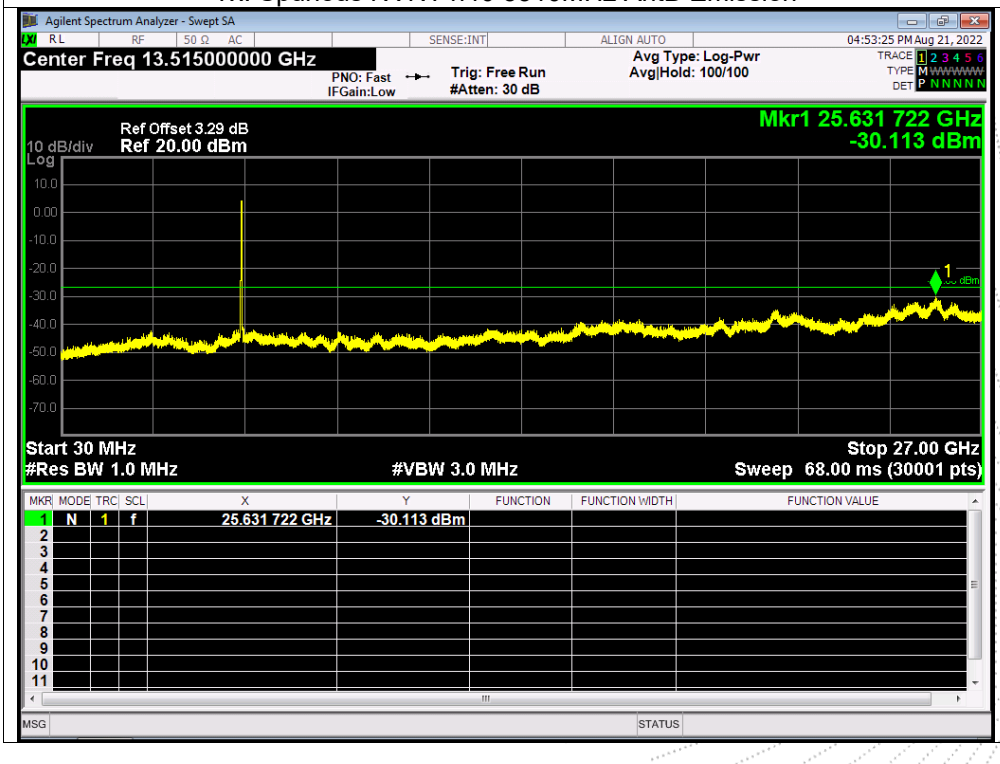
Tx. Spurious NVNT n20 5320MHz AntB Emission



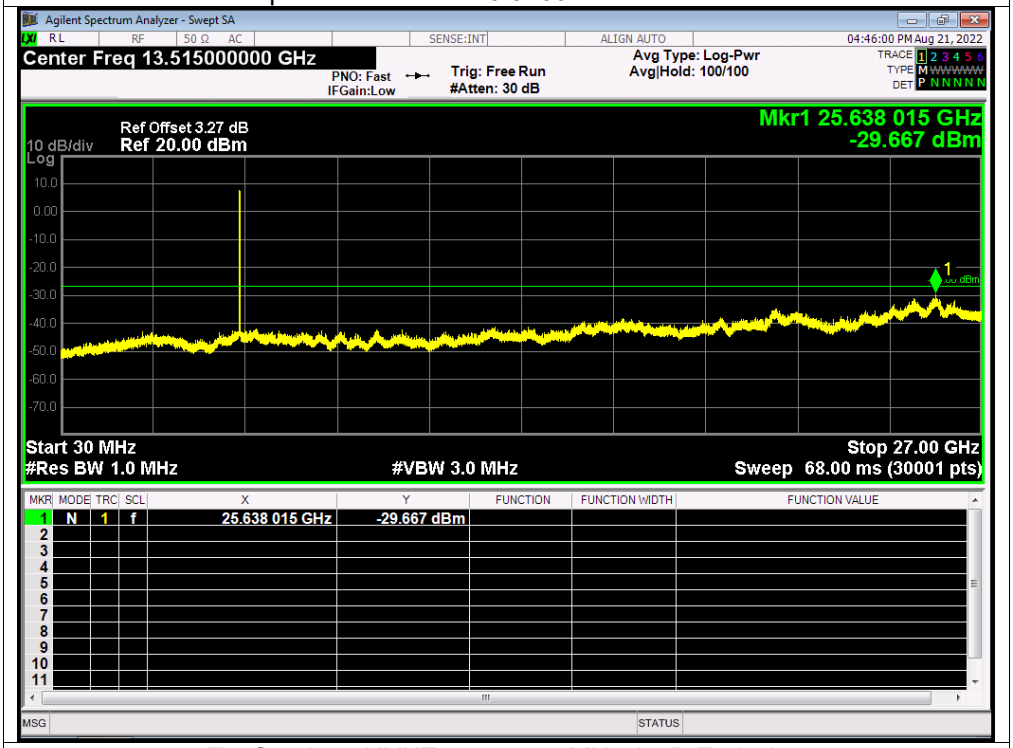
Tx. Spurious NVNT n40 5270MHz AntB Emission



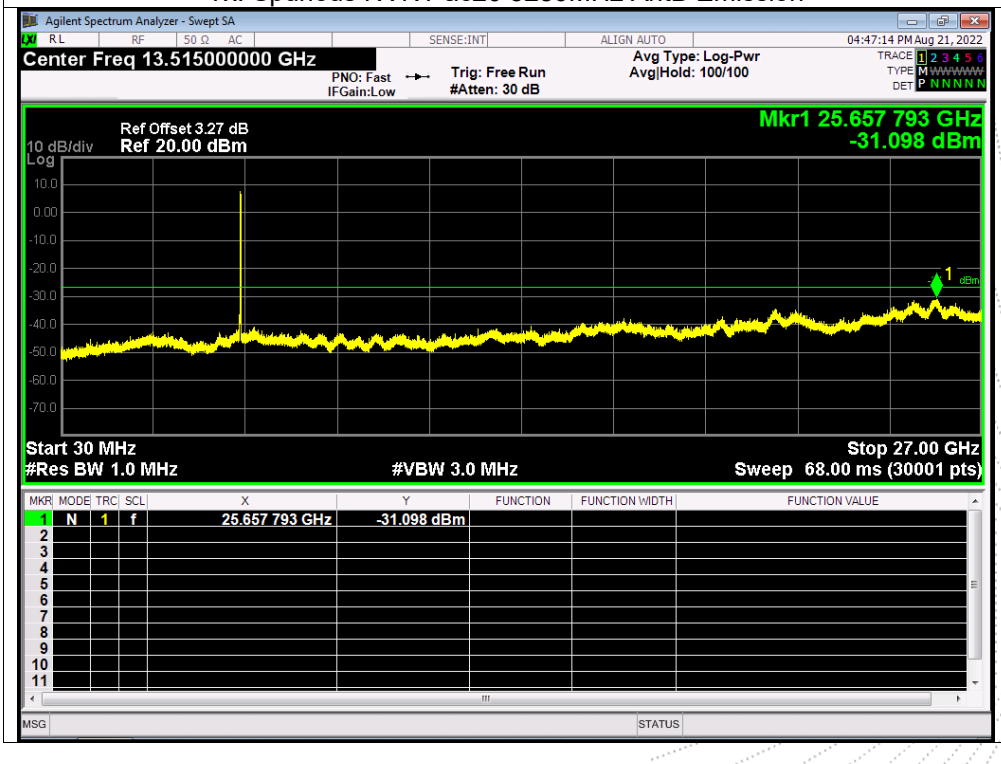
Tx. Spurious NVNT n40 5310MHz AntB Emission



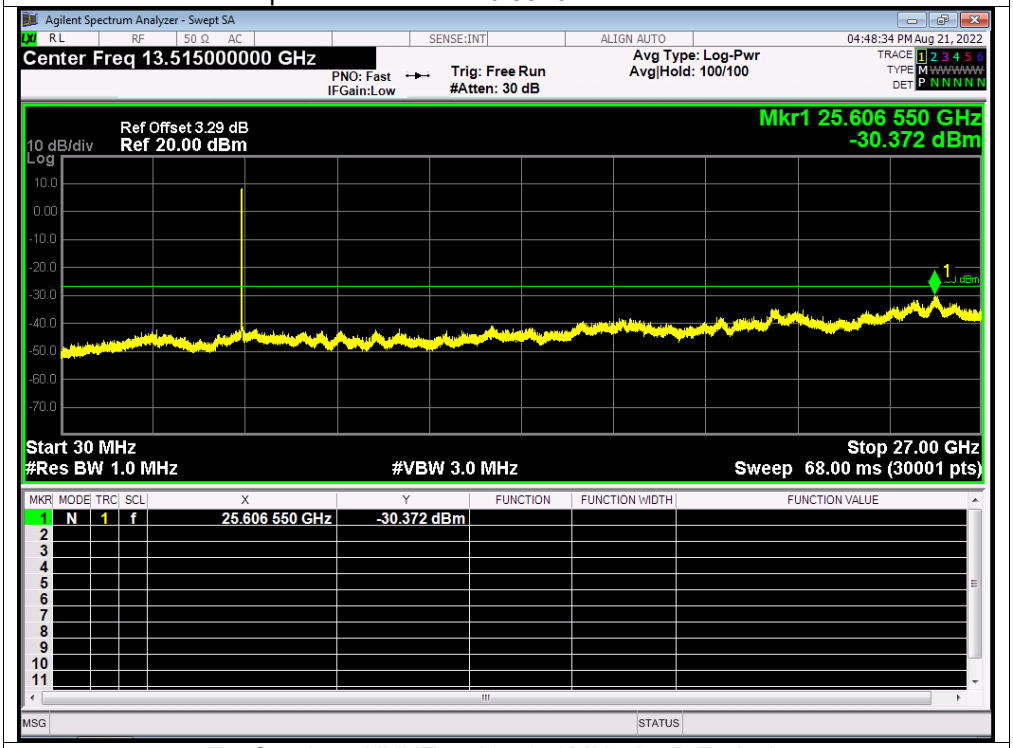
Tx. Spurious NVNT ac20 5260MHz AntB Emission



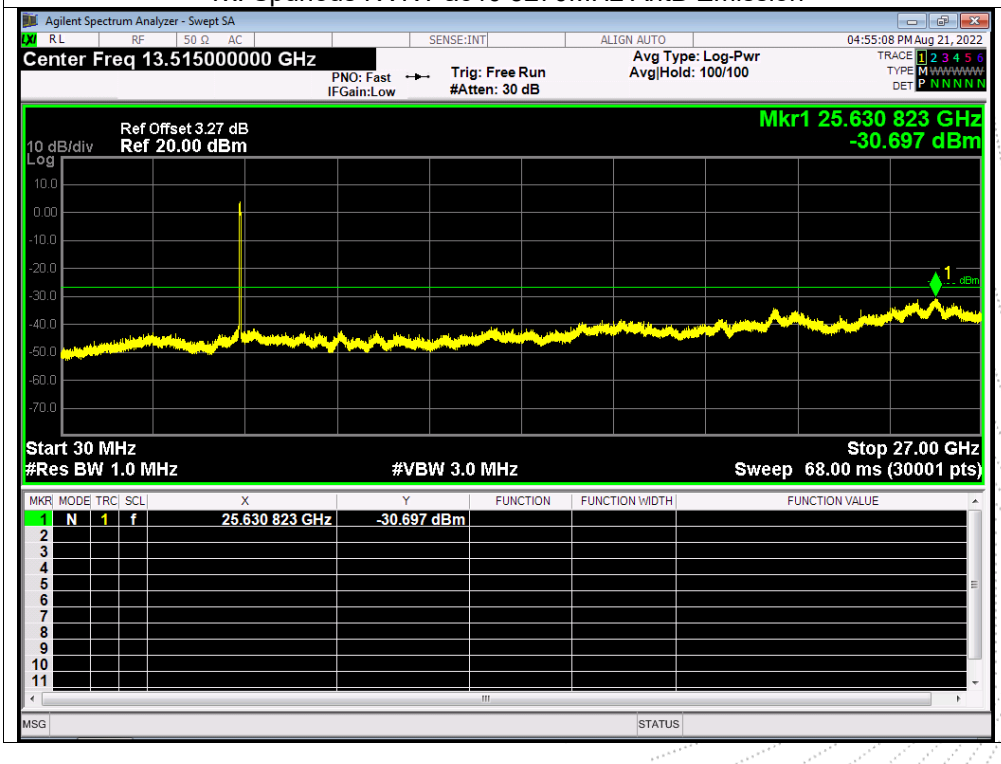
Tx. Spurious NVNT ac20 5280MHz AntB Emission



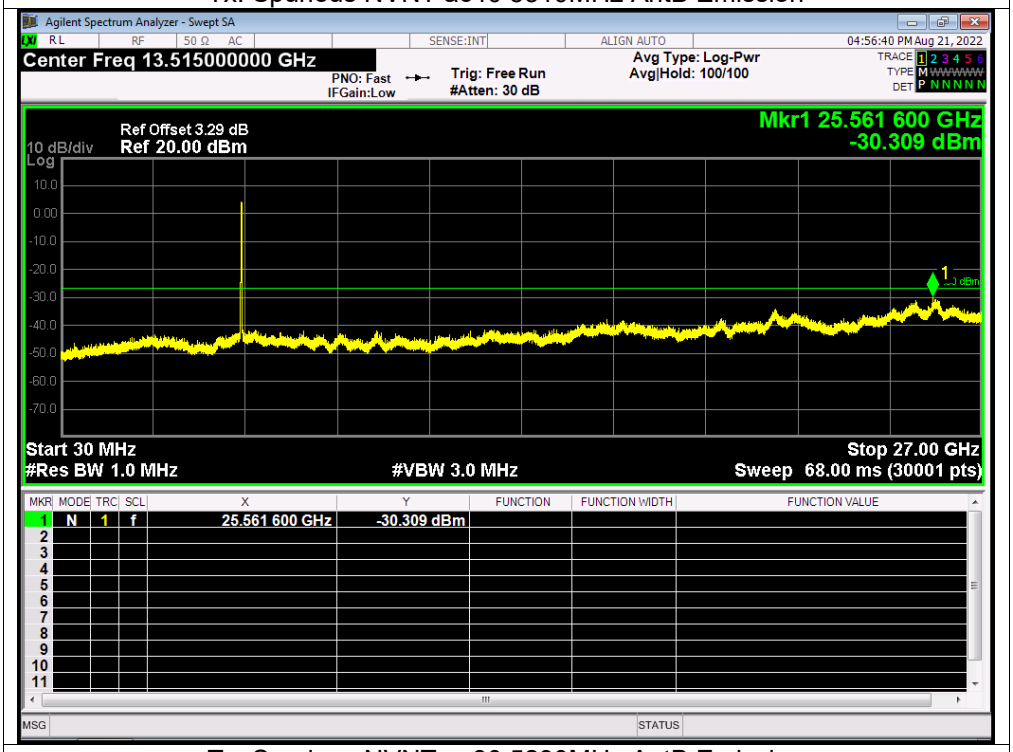
Tx. Spurious NVNT ac20 5320MHz AntB Emission



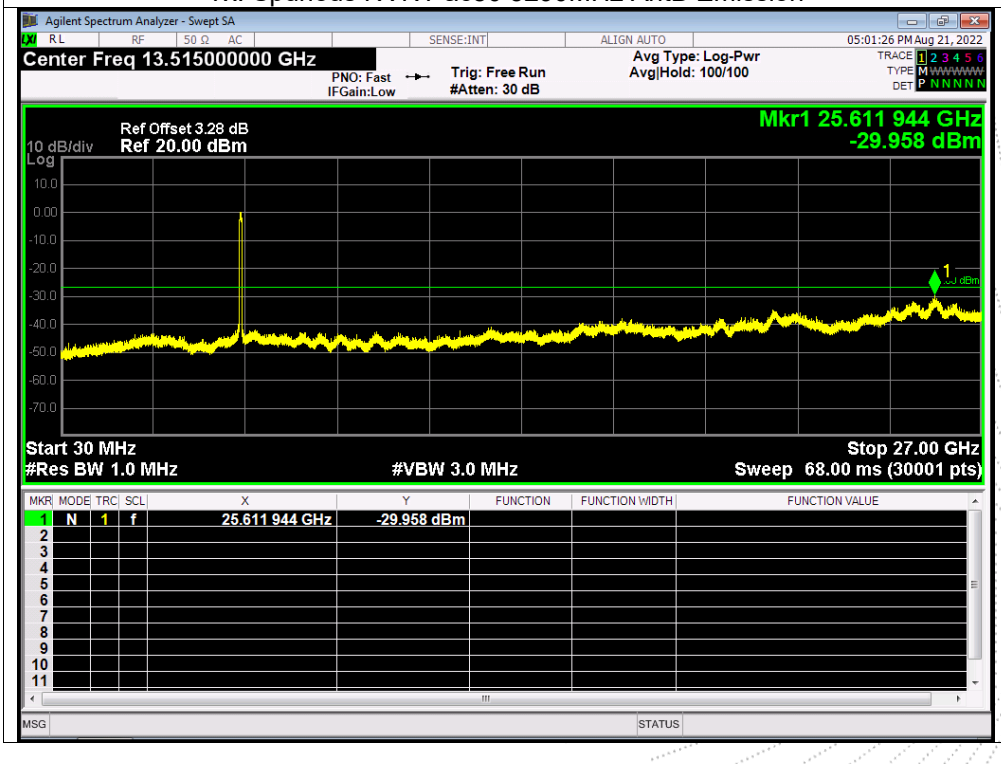
Tx. Spurious NVNT ac40 5270MHz AntB Emission



Tx. Spurious NVNT ac40 5310MHz AntB Emission

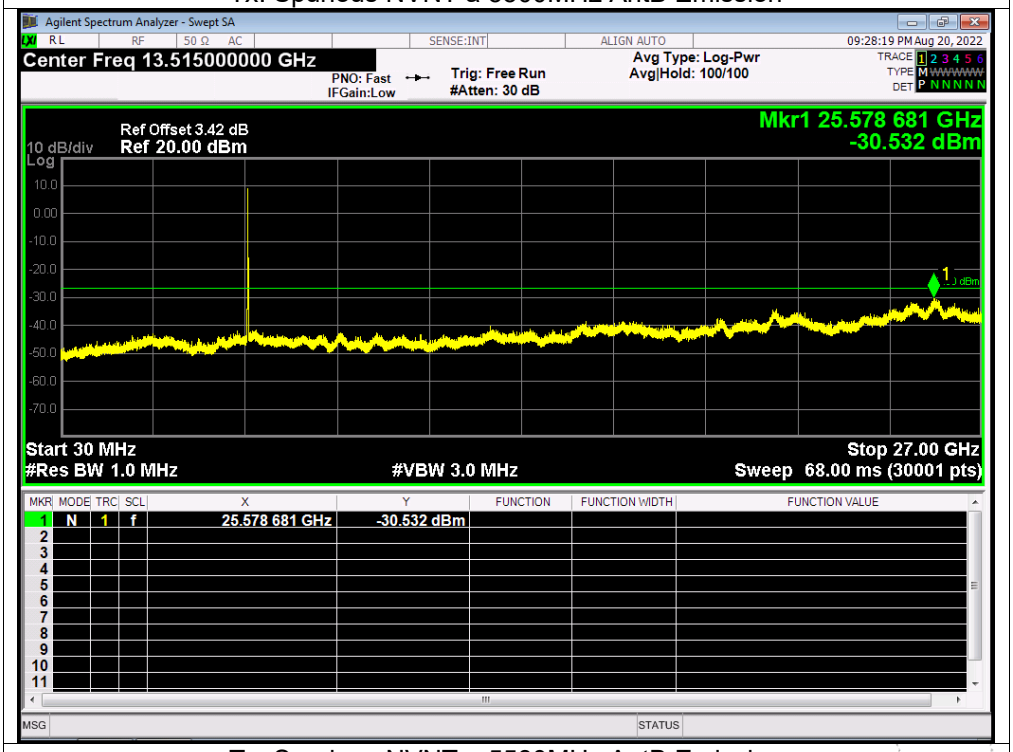


Tx. Spurious NVNT ac80 5290MHz AntB Emission

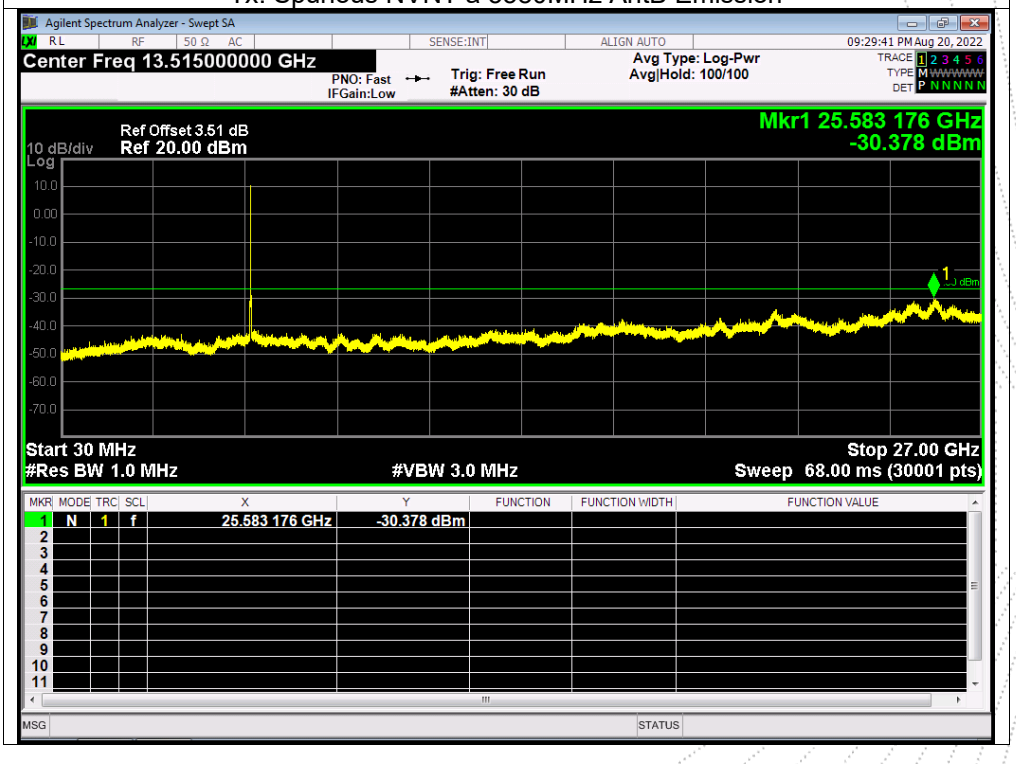


Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B.
Antenna B: 5500-5700MHz

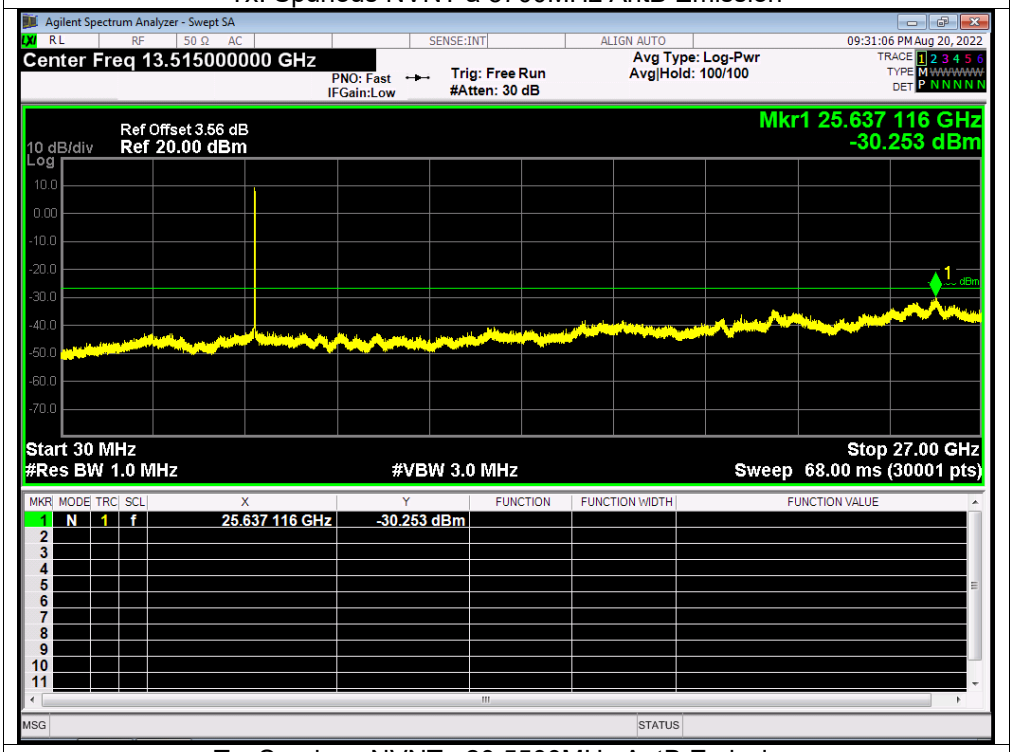
Test Graphs
Tx. Spurious NVNT a 5500MHz AntB Emission



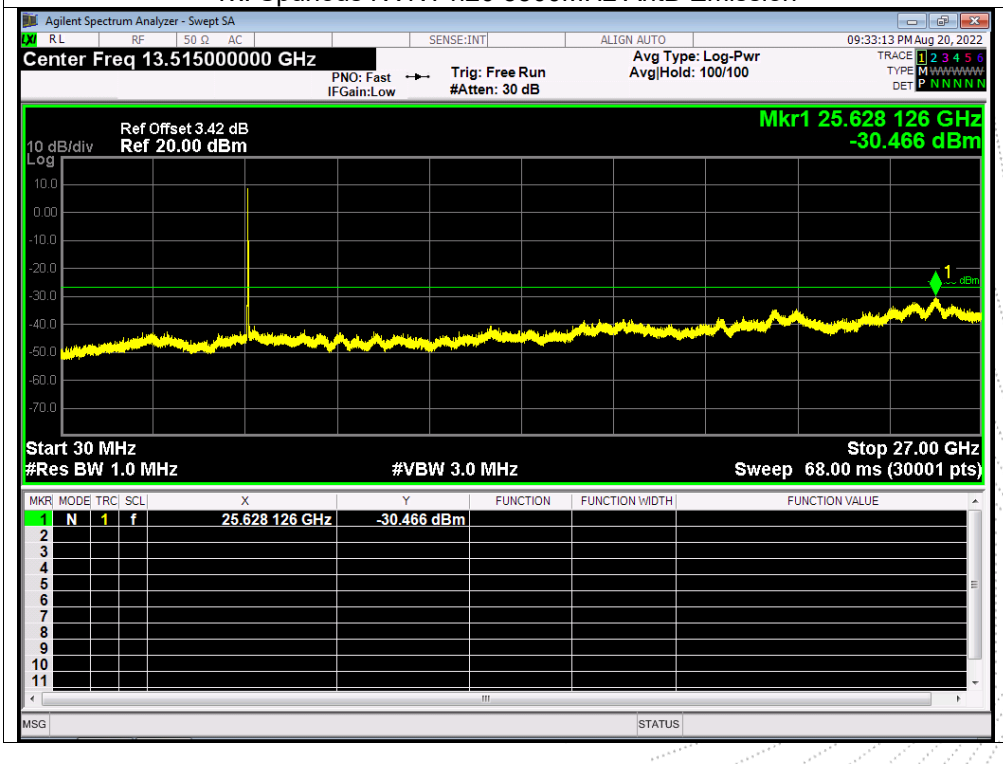
Tx. Spurious NVNT a 5580MHz AntB Emission



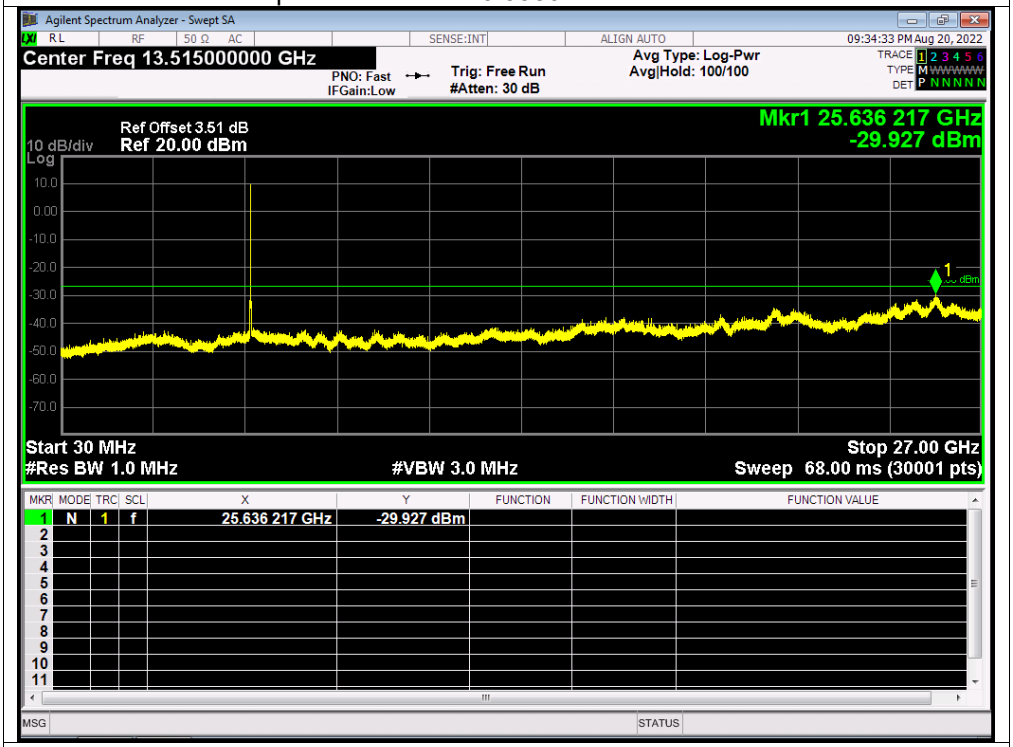
Tx. Spurious NVNT a 5700MHz AntB Emission



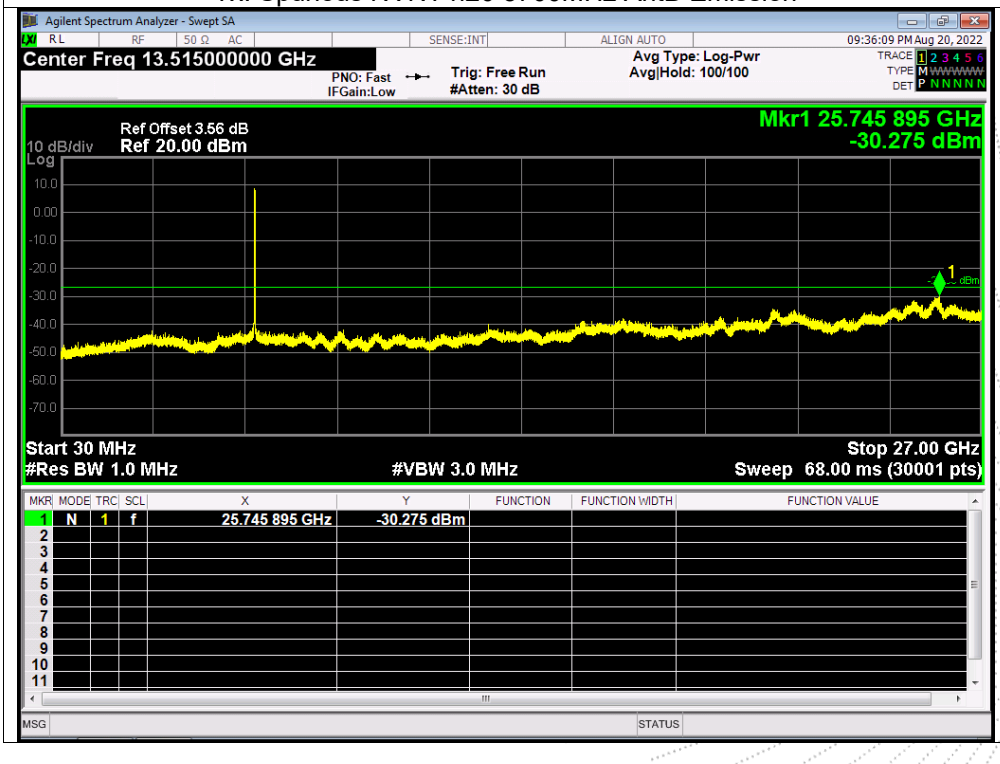
Tx. Spurious NVNT n20 5500MHz AntB Emission



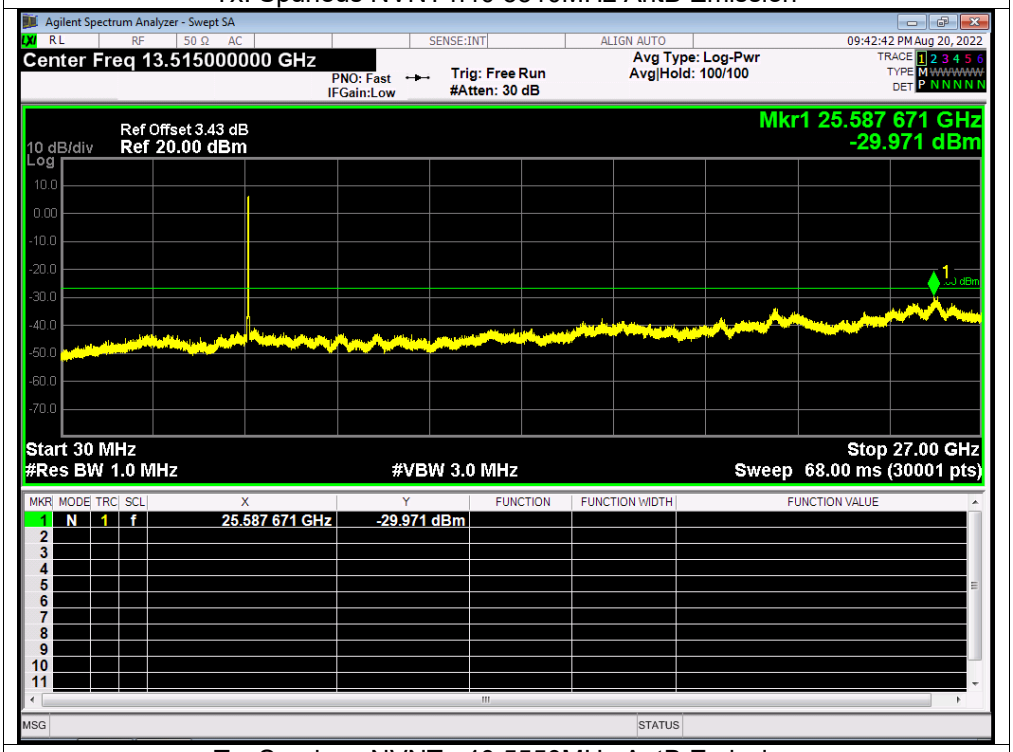
Tx. Spurious NVNT n20 5580MHz AntB Emission



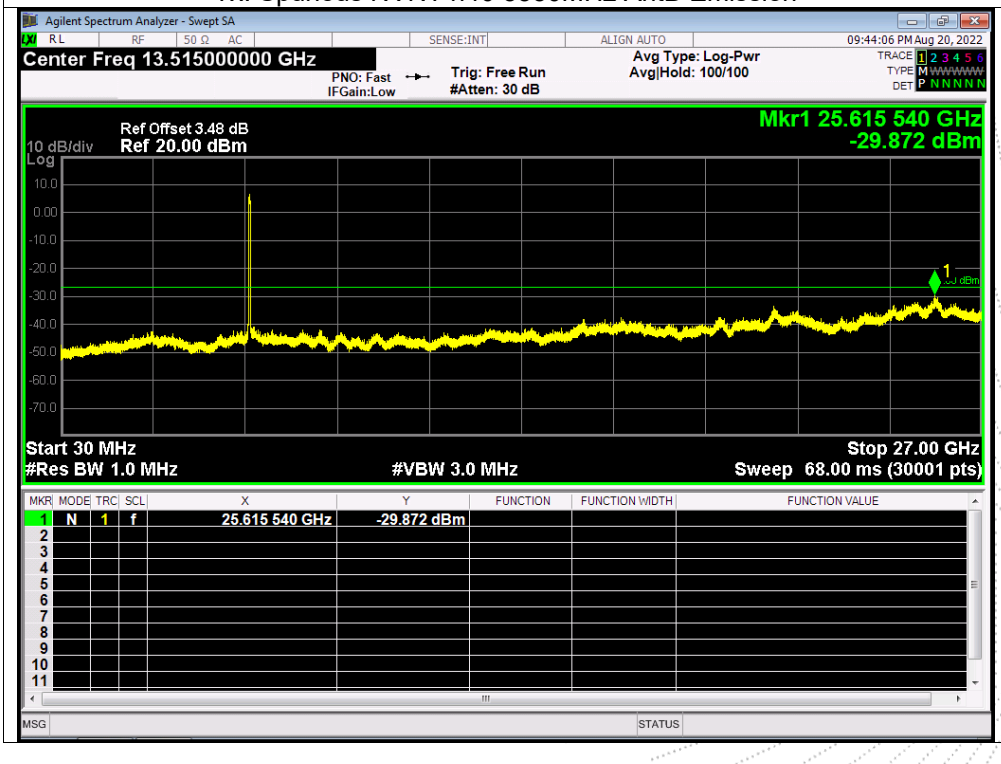
Tx. Spurious NVNT n20 5700MHz AntB Emission



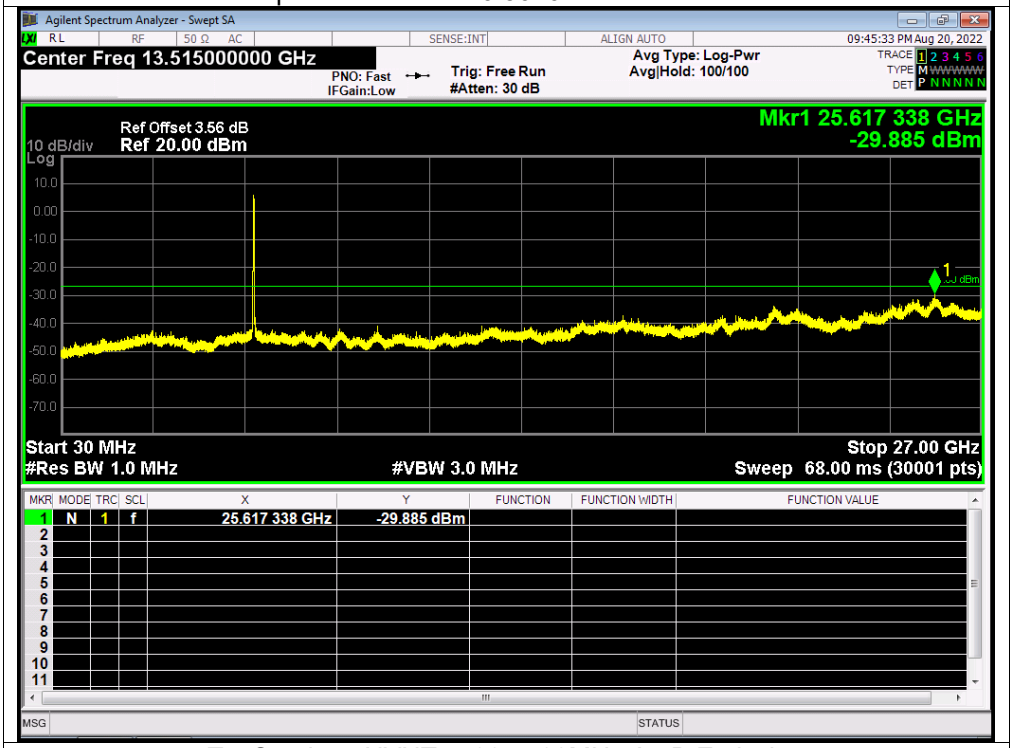
Tx. Spurious NVNT n40 5510MHz AntB Emission



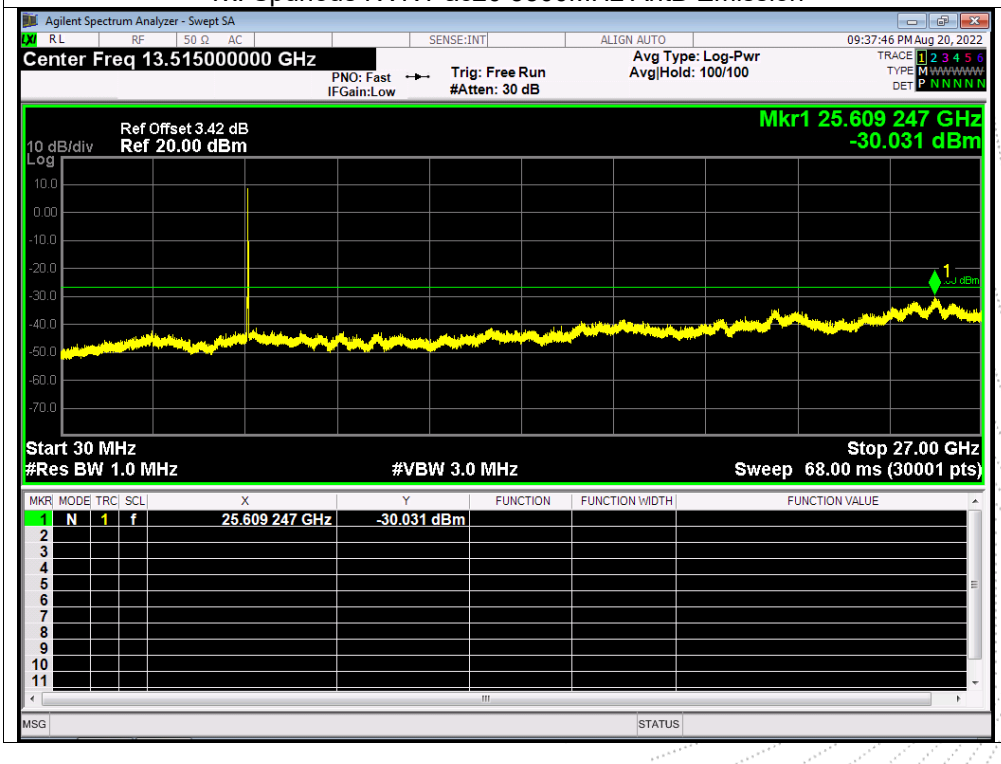
Tx. Spurious NVNT n40 5550MHz AntB Emission



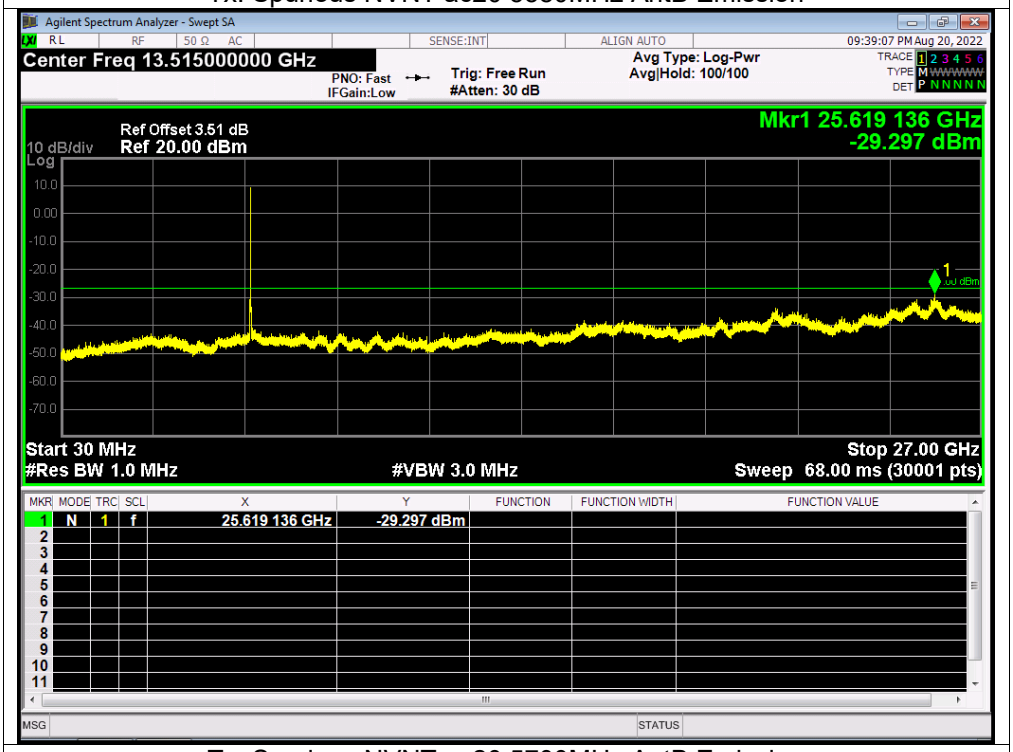
Tx. Spurious NVNT n40 5670MHz AntB Emission



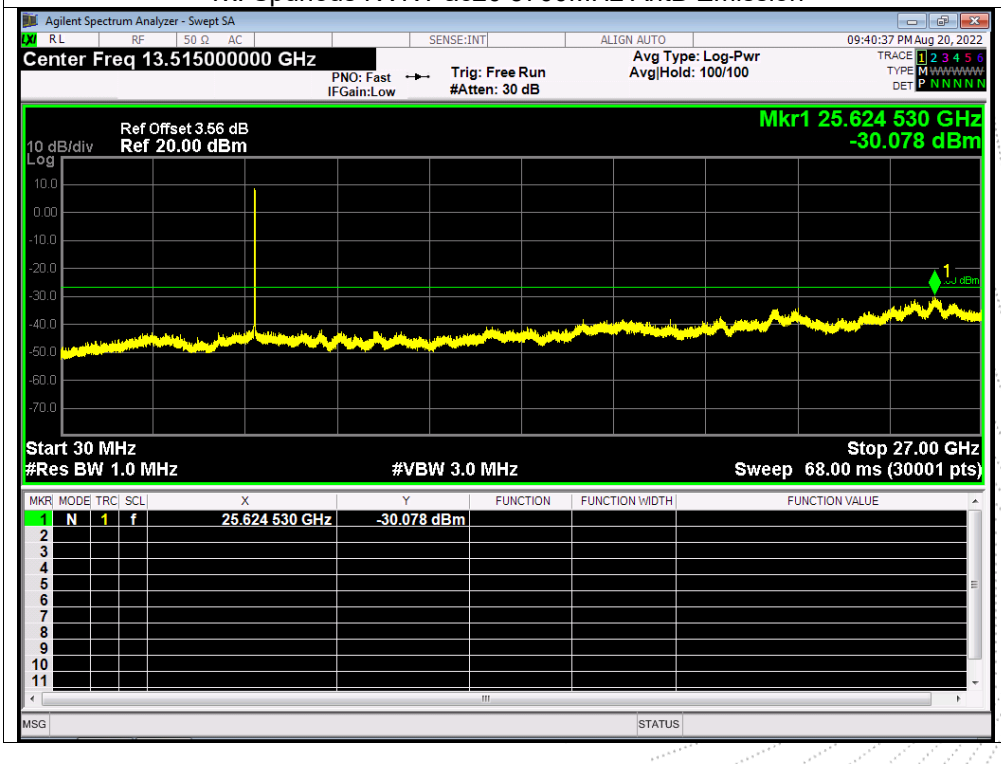
Tx. Spurious NVNT ac20 5500MHz AntB Emission



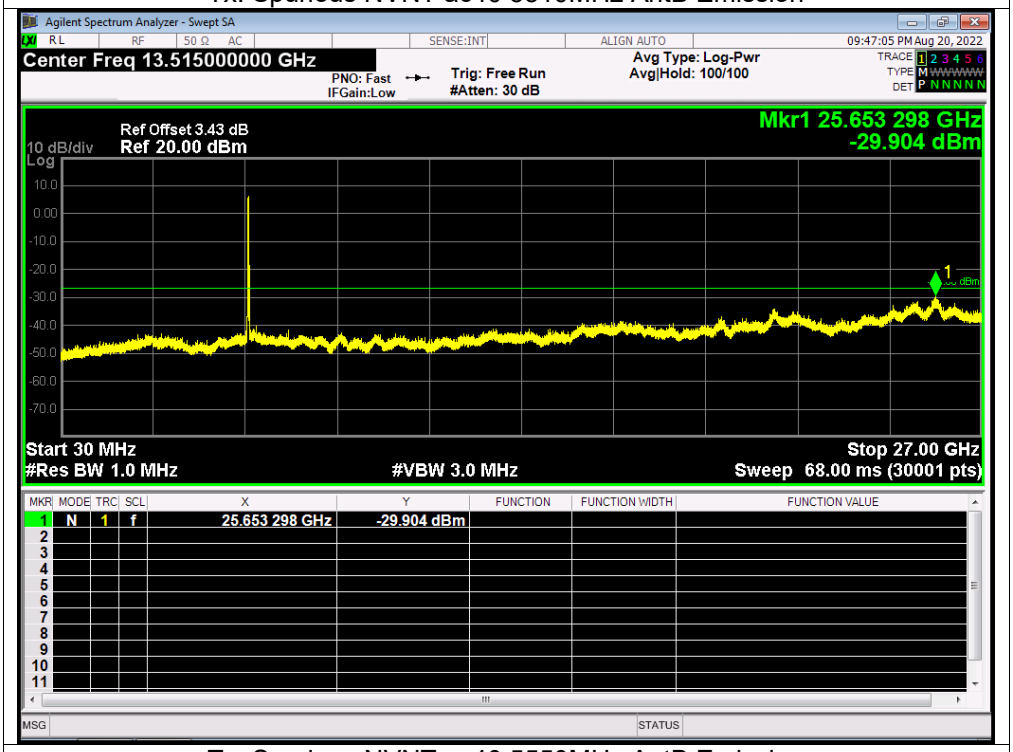
Tx. Spurious NVNT ac20 5580MHz AntB Emission



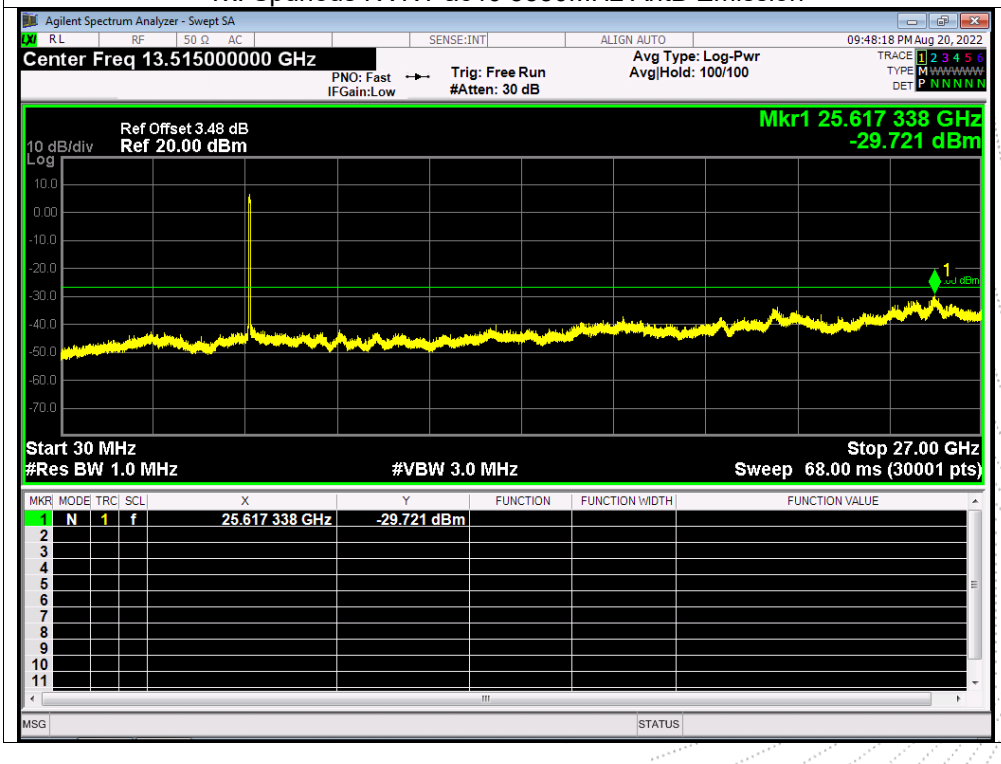
Tx. Spurious NVNT ac20 5700MHz AntB Emission



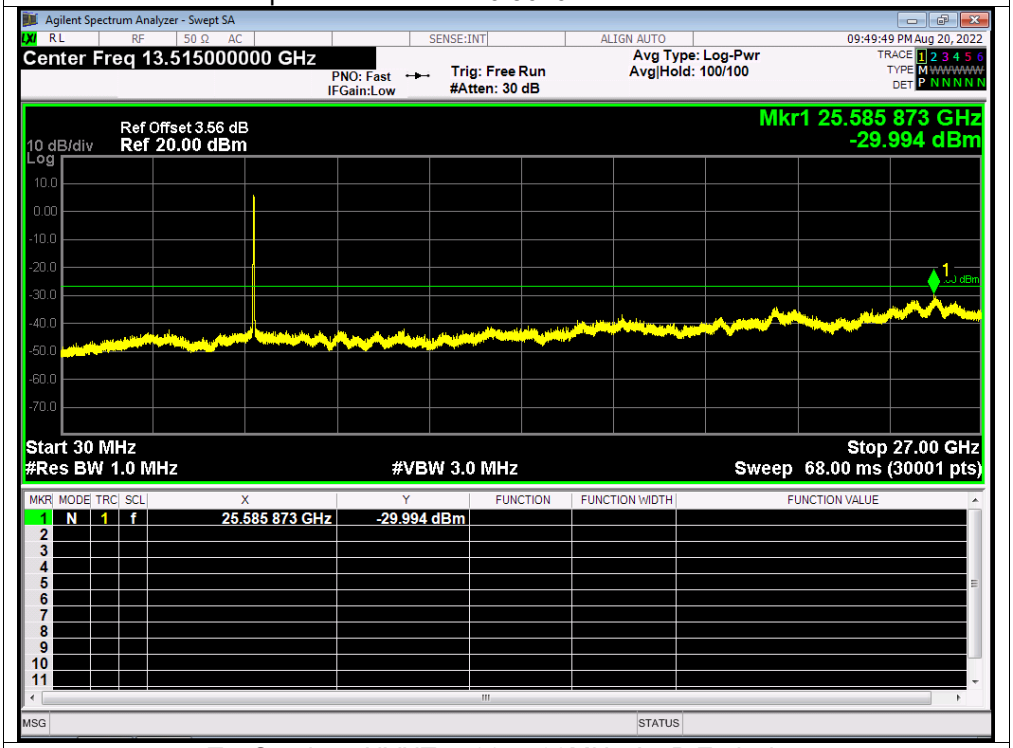
Tx. Spurious NVNT ac40 5510MHz AntB Emission



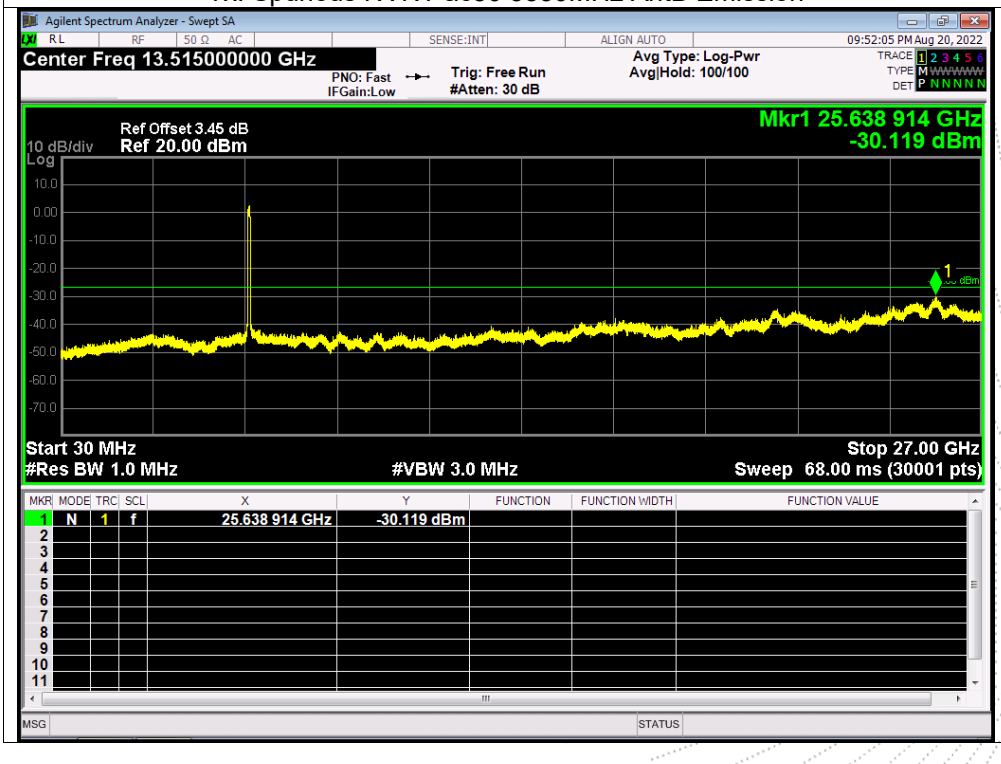
Tx. Spurious NVNT ac40 5550MHz AntB Emission



Tx. Spurious NVNT ac40 5670MHz AntB Emission

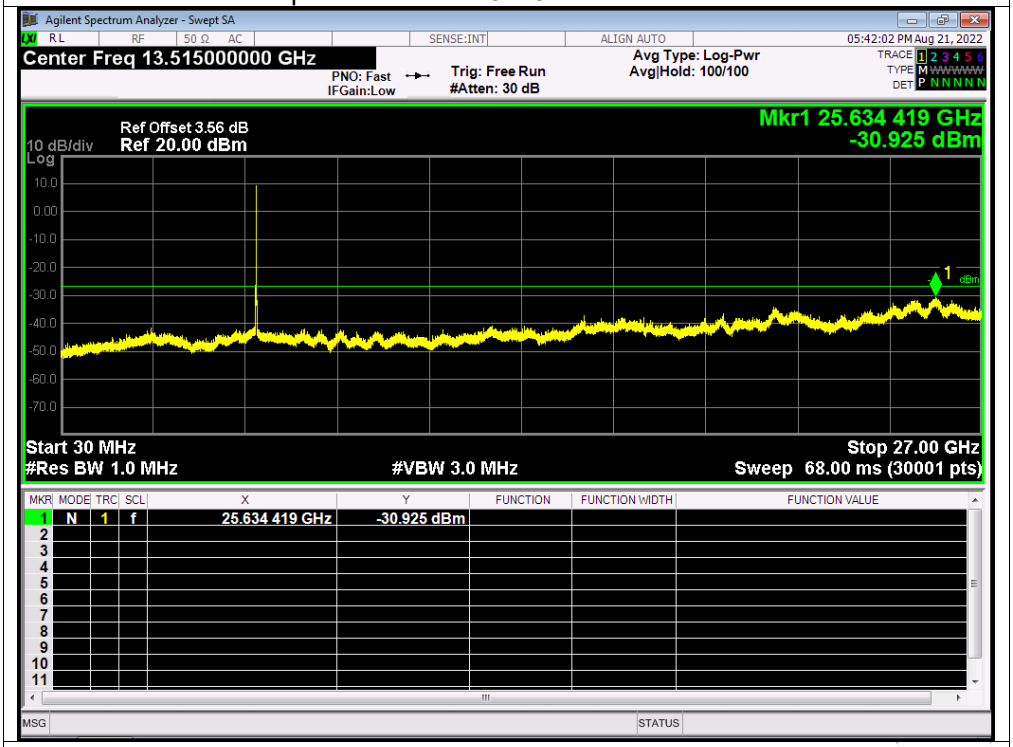


Tx. Spurious NVNT ac80 5530MHz AntB Emission

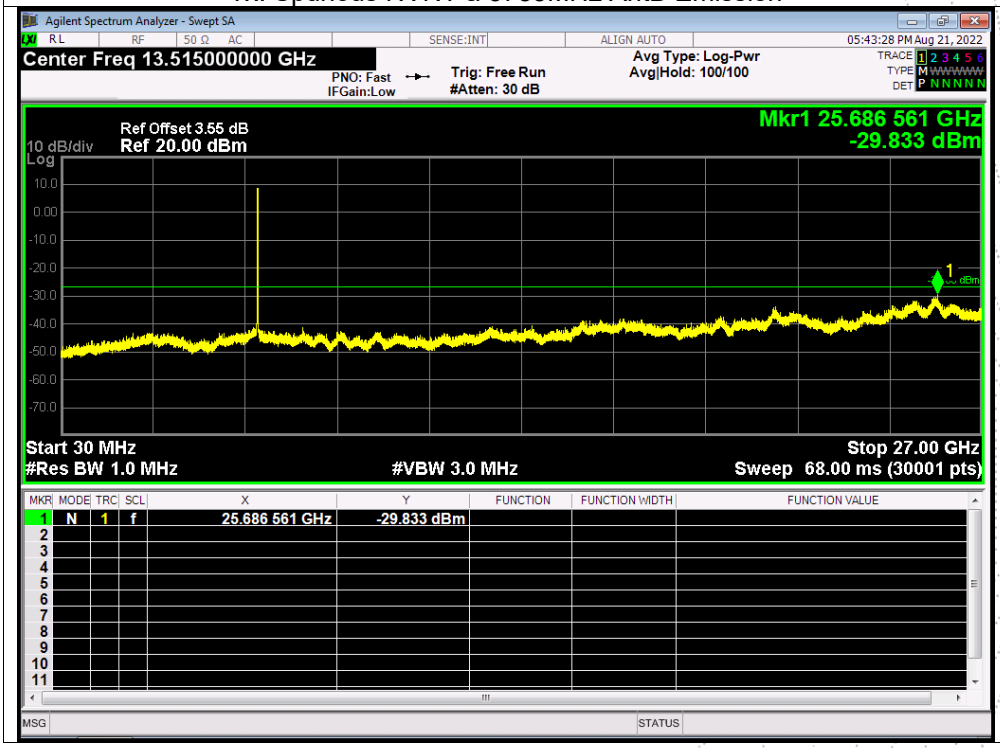


Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B.
Antenna B: 5745-58250MHz

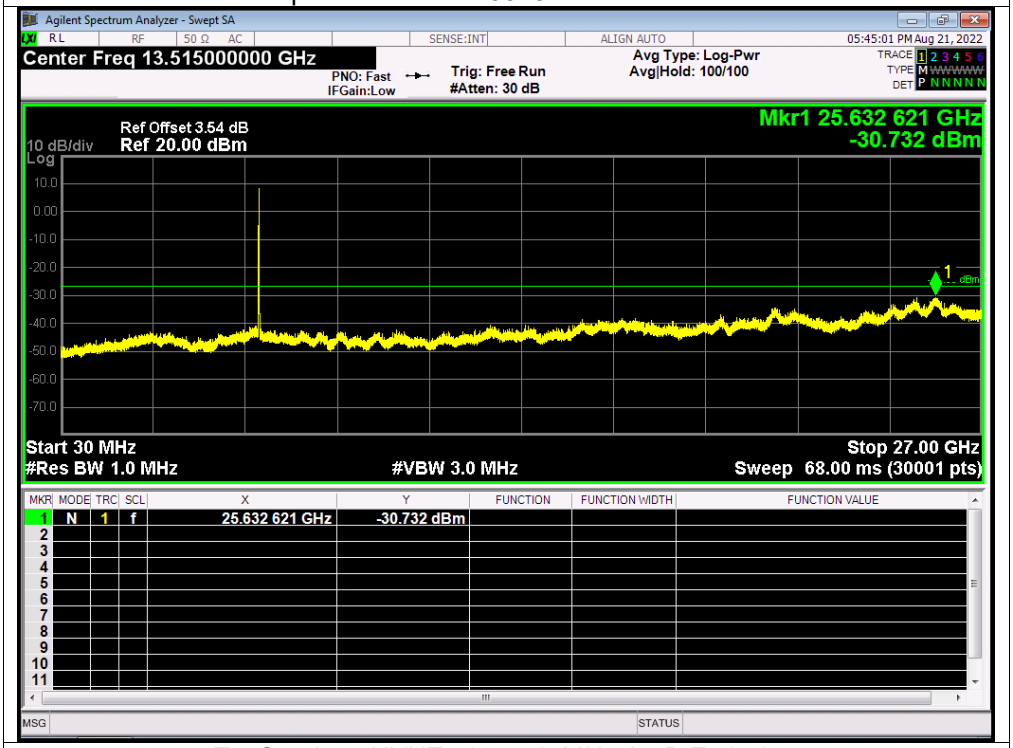
Test Graphs
Tx. Spurious NVNT a 5745MHz AntB Emission



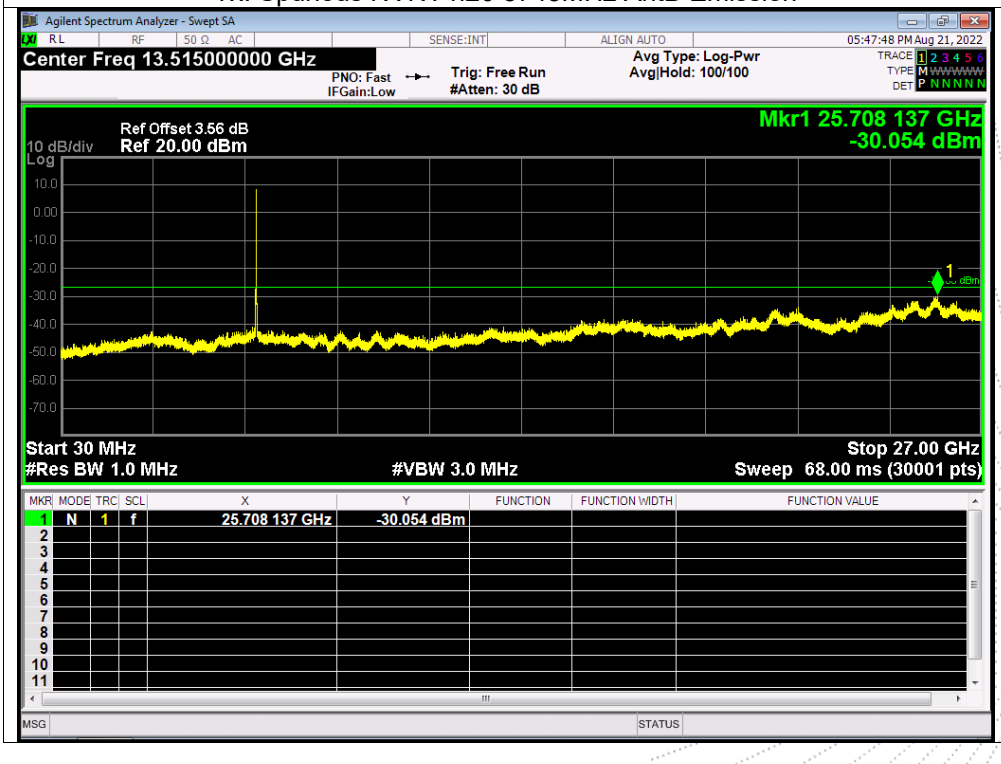
Tx. Spurious NVNT a 5785MHz AntB Emission



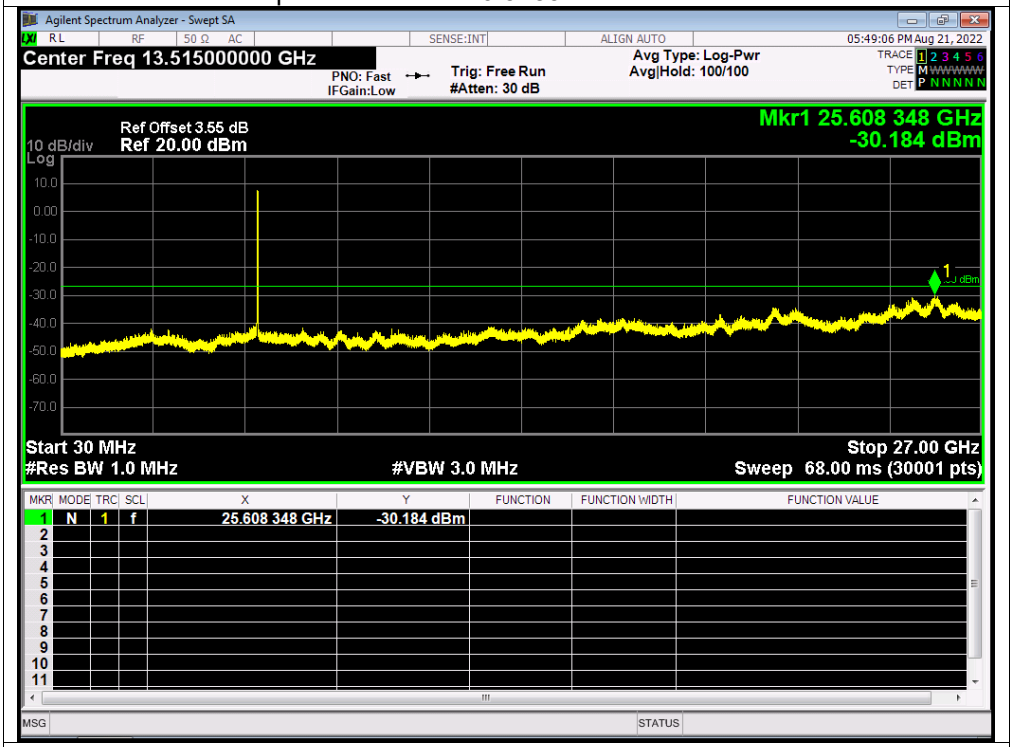
Tx. Spurious NVNT a 5825MHz AntB Emission



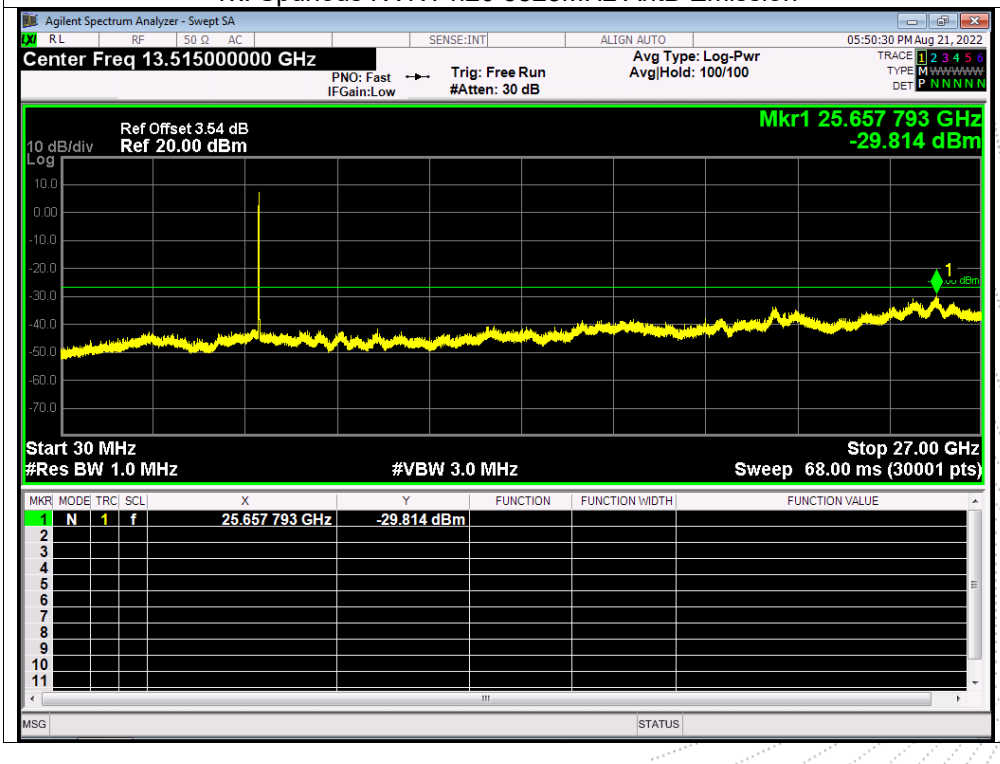
Tx. Spurious NVNT n20 5745MHz AntB Emission



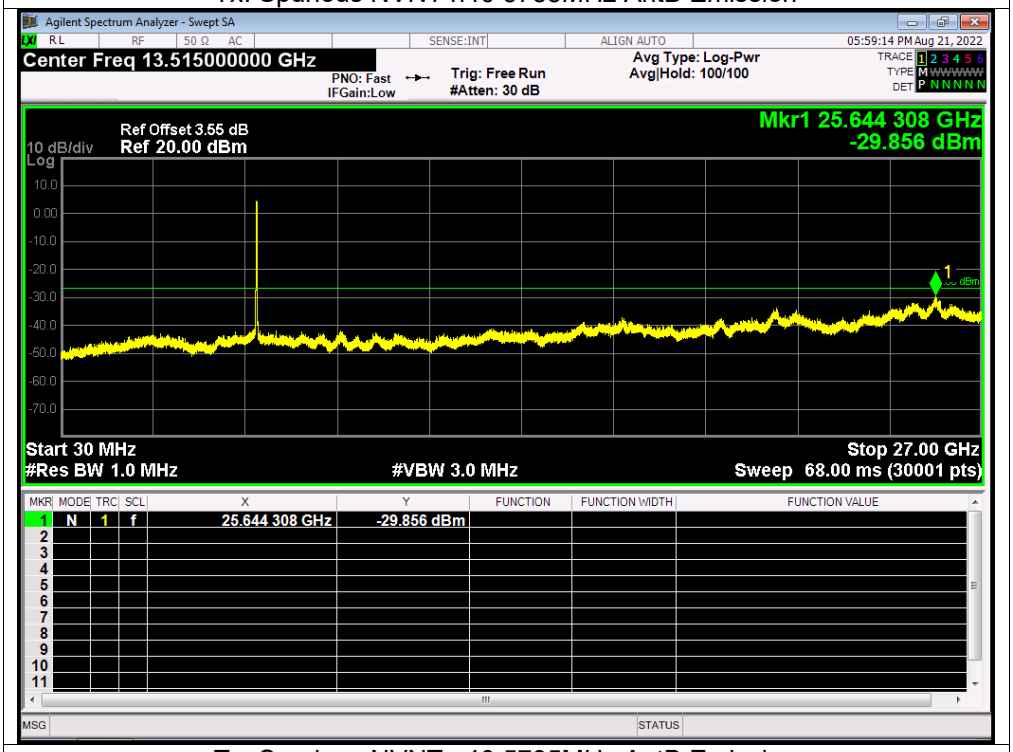
Tx. Spurious NVNT n20 5785MHz AntB Emission



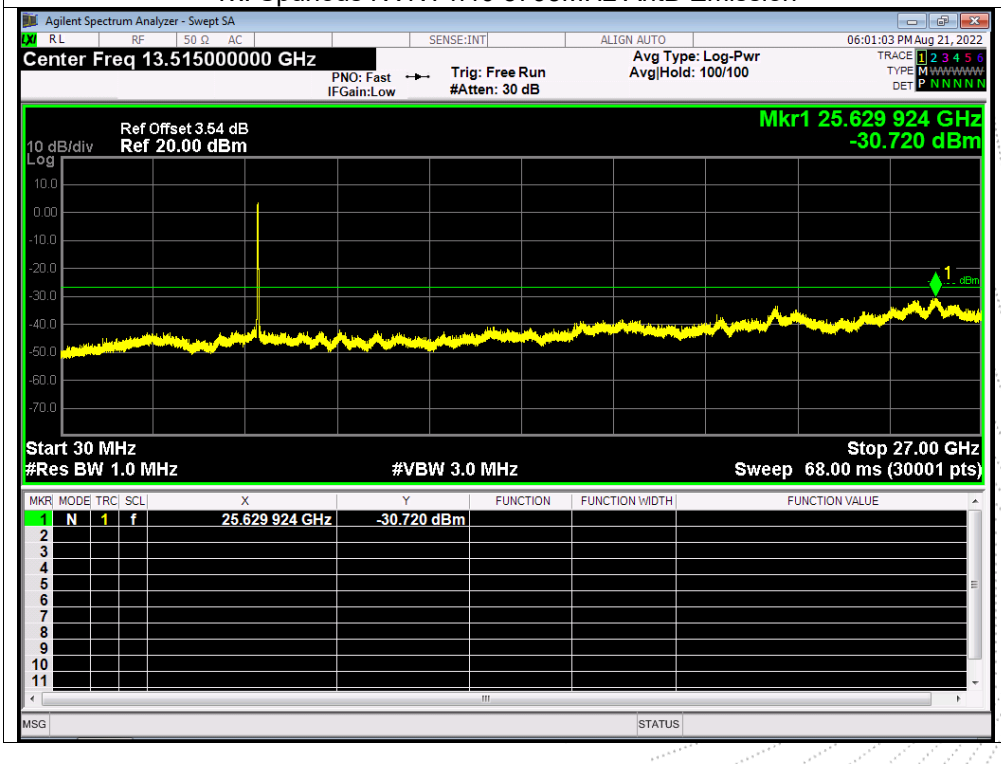
Tx. Spurious NVNT n20 5825MHz AntB Emission



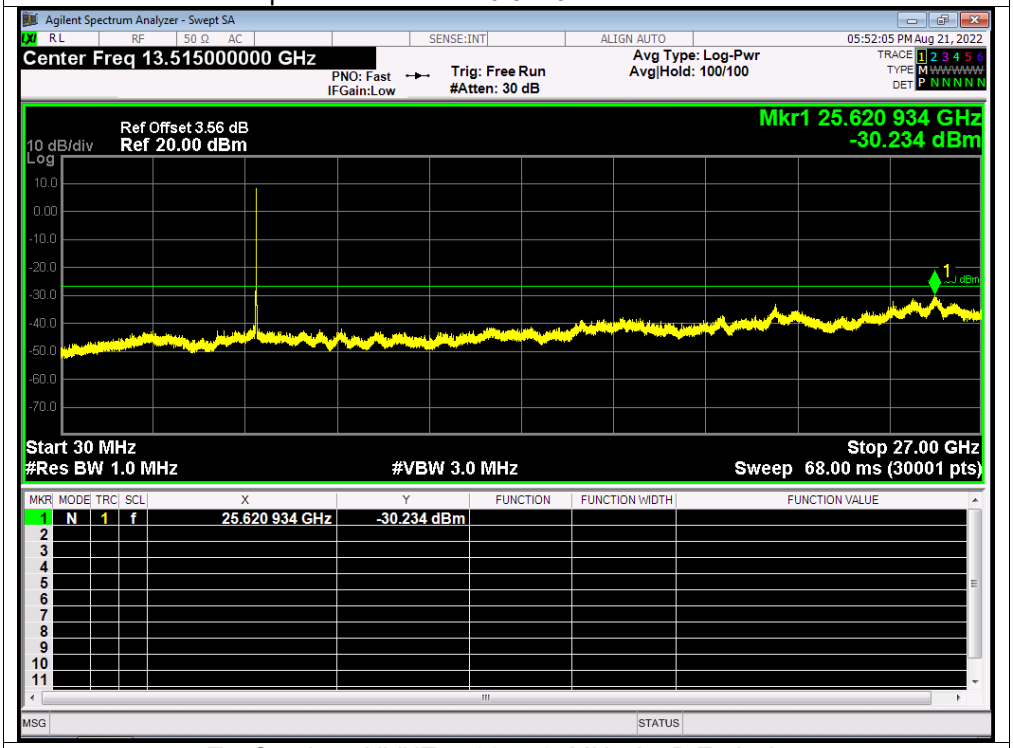
Tx. Spurious NVNT n40 5755MHz AntB Emission



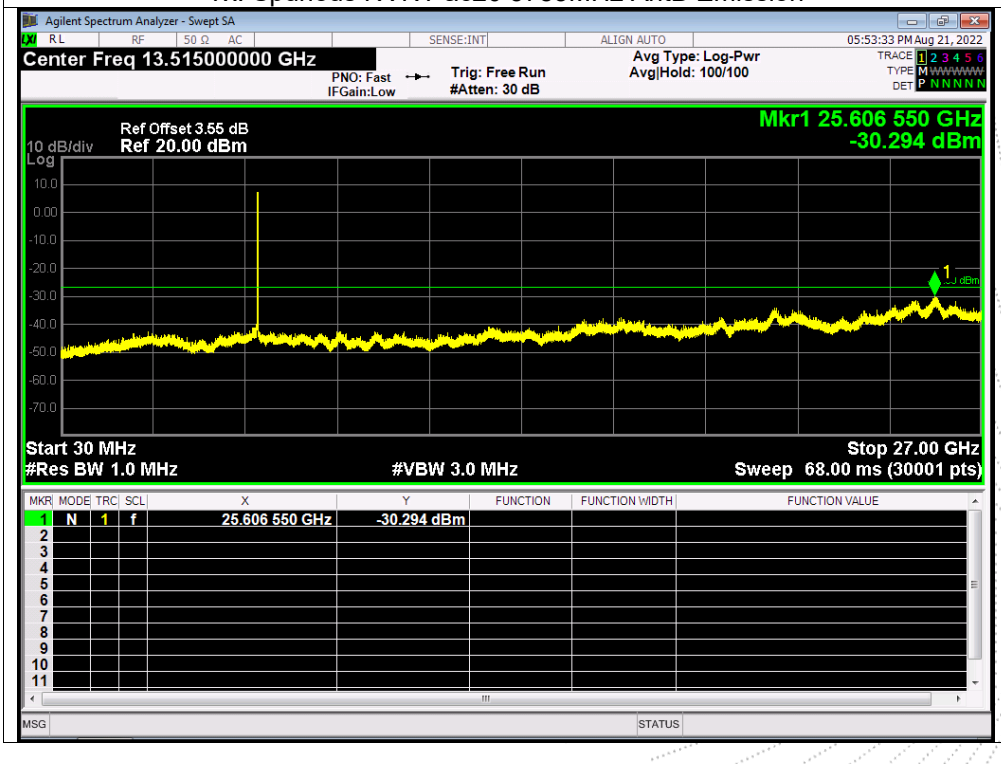
Tx. Spurious NVNT n40 5795MHz AntB Emission



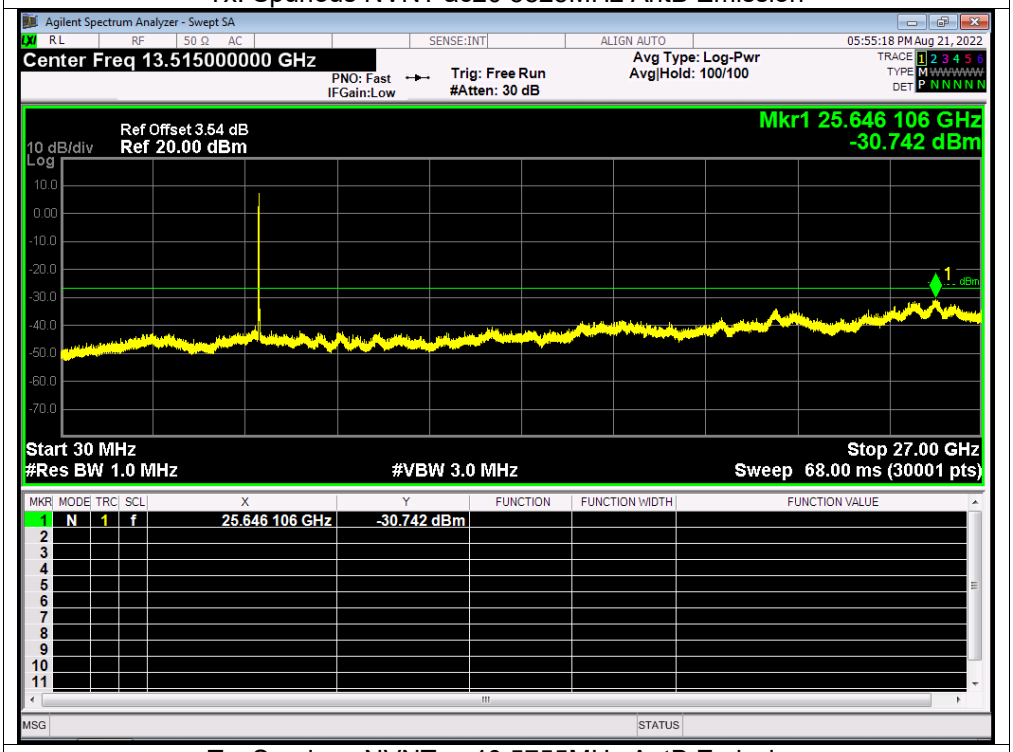
Tx. Spurious NVNT ac20 5745MHz AntB Emission



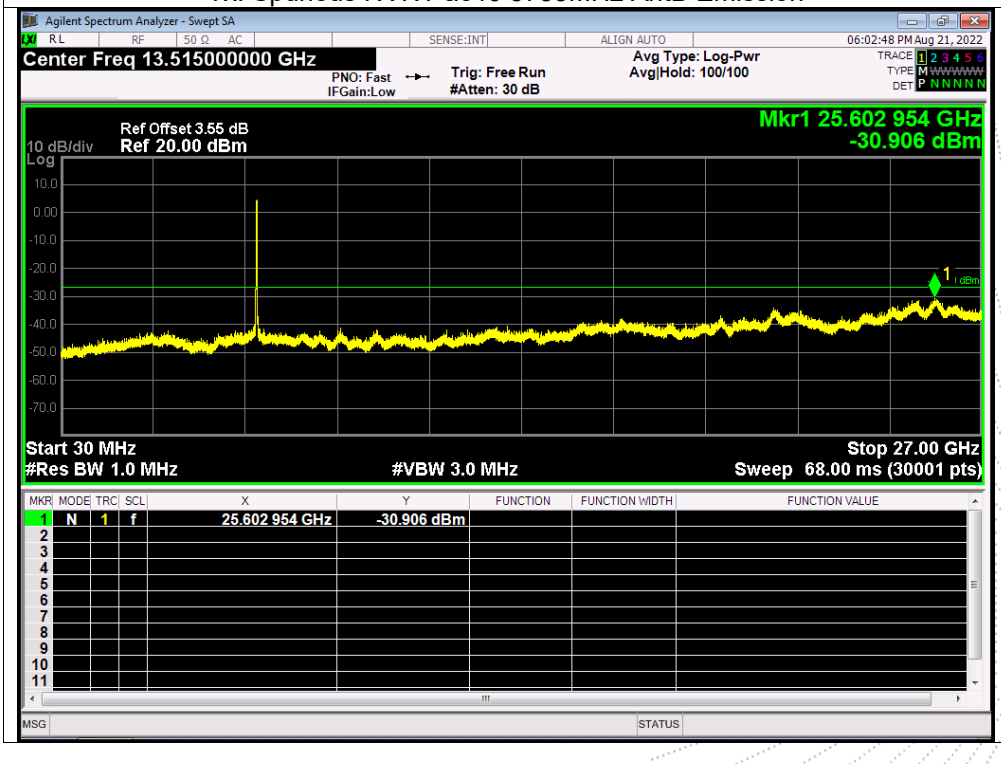
Tx. Spurious NVNT ac20 5785MHz AntB Emission



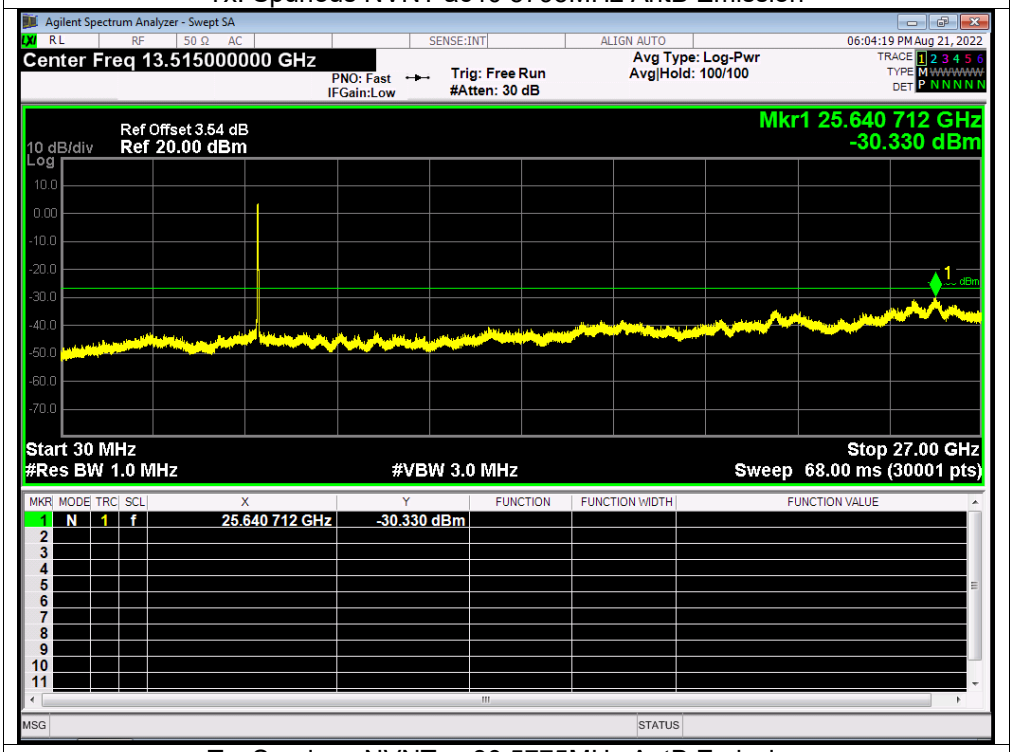
Tx. Spurious NVNT ac20 5825MHz AntB Emission



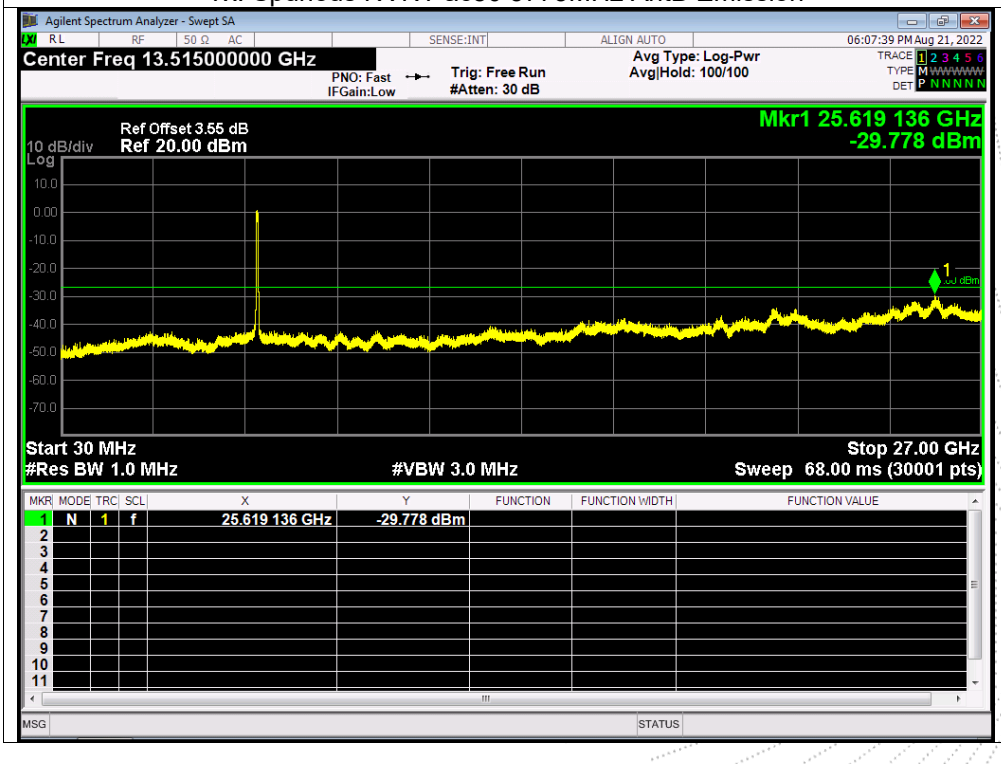
Tx. Spurious NVNT ac40 5755MHz AntB Emission



Tx. Spurious NVNT ac40 5795MHz AntB Emission

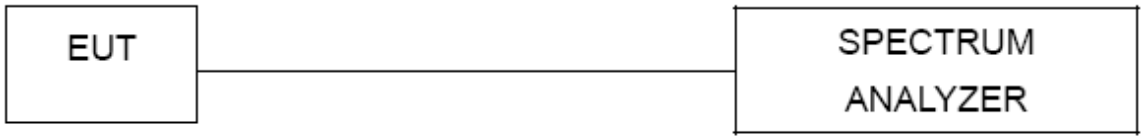


Tx. Spurious NVNT ac80 5775MHz AntB Emission



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. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 106 ppm and he limit is less than ±20ppm (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°C~70°C.

13.4 Test Result

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
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)	5.00	5180.0199	5180	0.0199	3.8379
		V max (V)	5.75	5180.0016	5180	0.0016	0.3138
		V min (V)	4.25	5180.0168	5180	0.0168	3.2509
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)	5	T (°C)	-20	5180.0111	5180	0.0111	2.1438
		T (°C)	-10	5180.0026	5180	0.0026	0.5111
		T (°C)	0	5180.0056	5180	0.0056	1.0833
		T (°C)	10	5180.0093	5180	0.0093	1.7925
		T (°C)	20	5180.0017	5180	0.0017	0.3337
		T (°C)	30	5180.0083	5180	0.0083	1.6016
		T (°C)	40	5180.0066	5180	0.0066	1.2651
		T (°C)	50	5180.0112	5180	0.0112	2.1543
		T (°C)	60	5180.0125	5180	0.0125	2.4170
		T (°C)	70	5180.0035	5180	0.0035	0.6793
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)	5.00	5200.0093	5200	0.0093	1.7924
		V max (V)	5.75	5200.0049	5200	0.0049	0.9465
		V min (V)	4.25	5200.0056	5200	0.0056	1.0695
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)	5	T (°C)	-20	5200.00052	5200	0.00052	0.0992
		T (°C)	-10	5200.00754	5200	0.00754	1.4501
		T (°C)	0	5200.00487	5200	0.00487	0.9369
		T (°C)	10	5200.00937	5200	0.00937	1.8018
		T (°C)	20	5200.01272	5200	0.01272	2.4462
		T (°C)	30	5200.00111	5200	0.00111	0.2140
		T (°C)	40	5200.01180	5200	0.01180	2.2688
		T (°C)	50	5200.00465	5200	0.00465	0.8935
		T (°C)	60	5200.00974	5200	0.00974	1.8724
		T (°C)	70	5200.00483	5200	0.00483	0.9287
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)	5.00	5240.0073	5240	0.0073	1.3909
		V max (V)	5.75	5240.0058	5240	0.0058	1.1108
		V min (V)	4.25	5240.0007	5240	0.0007	0.1372
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)	5	T (°C)	-20	5240.0057	5240	0.0057	1.0845
		T (°C)	-10	5240.0007	5240	0.0007	0.1384
		T (°C)	0	5240.0110	5240	0.0110	2.0980
		T (°C)	10	5240.0057	5240	0.0057	1.0858
		T (°C)	20	5240.0003	5240	0.0003	0.0634
		T (°C)	30	5240.0101	5240	0.0101	1.9316
		T (°C)	40	5240.0024	5240	0.0024	0.4544
		T (°C)	50	5240.0019	5240	0.0019	0.3588
		T (°C)	60	5240.0047	5240	0.0047	0.9063
		T (°C)	70	5240.0112	5240	0.0112	2.1357
Limits				5150-5250 MHz			
Result				Complies			

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
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)	5.00	5260.0002	5260	0.0002	0.0403
		V max (V)	5.75	5260.0115	5260	0.0115	2.1944
		V min (V)	4.25	5260.0005	5260	0.0005	0.0951
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)	5	T (°C)	-20	5260.0103	5260	0.0103	1.9655
		T (°C)	-10	5260.0037	5260	0.0037	0.6996
		T (°C)	0	5260.0030	5260	0.0030	0.5754
		T (°C)	10	5260.0048	5260	0.0048	0.9133
		T (°C)	20	5260.0073	5260	0.0073	1.3939
		T (°C)	30	5260.0078	5260	0.0078	1.4818
		T (°C)	40	5260.0041	5260	0.0041	0.7790
		T (°C)	50	5260.0099	5260	0.0099	1.8873
		T (°C)	60	5260.0089	5260	0.0089	1.7003
		T (°C)	70	5260.0018	5260	0.0018	0.3360
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)	5.00	5280.0107	5280	0.0107	2.0203
		V max (V)	5.75	5280.0097	5280	0.0097	1.8385
		V min (V)	4.25	5280.0086	5280	0.0086	1.6309
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)	5	T (°C)	-20	5280.00029	5280	0.00029	0.0543
		T (°C)	-10	5280.01159	5280	0.01159	2.1953
		T (°C)	0	5280.01306	5280	0.01306	2.4734
		T (°C)	10	5280.00825	5280	0.00825	1.5624
		T (°C)	20	5280.01015	5280	0.01015	1.9232
		T (°C)	30	5280.00946	5280	0.00946	1.7918
		T (°C)	40	5280.00516	5280	0.00516	0.9775
		T (°C)	50	5280.00561	5280	0.00561	1.0623
		T (°C)	60	5280.01088	5280	0.01088	2.0611
		T (°C)	70	5280.00937	5280	0.00937	1.7742
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)	5.00	5320.0057	5320	0.0057	1.0756
		V max (V)	5.75	5320.0120	5320	0.0120	2.2596
		V min (V)	4.25	5320.0105	5320	0.0105	1.9689
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)	5	T (°C)	-20	5320.0054	5320	0.0054	1.0157
		T (°C)	-10	5320.0085	5320	0.0085	1.6059
		T (°C)	0	5320.0046	5320	0.0046	0.8573
		T (°C)	10	5320.0127	5320	0.0127	2.3888
		T (°C)	20	5320.0040	5320	0.0040	0.7562
		T (°C)	30	5320.0003	5320	0.0003	0.0472
		T (°C)	40	5320.0093	5320	0.0093	1.7436
		T (°C)	50	5320.0061	5320	0.0061	1.1429
		T (°C)	60	5320.0097	5320	0.0097	1.8220
		T (°C)	70	5320.0025	5320	0.0025	0.4667
Limits				5260-5320 MHz			
Result				Complies			

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
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)	5.00	5500.0056	5500	0.0056	1.0167
		V max (V)	5.75	5500.0077	5500	0.0077	1.3972
		V min (V)	4.25	5500.0160	5500	0.0160	2.9179
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)	5	T (°C)	-20	5500.0001	5500	0.0001	0.0262
		T (°C)	-10	5500.0086	5500	0.0086	1.5699
		T (°C)	0	5500.0077	5500	0.0077	1.4001
		T (°C)	10	5500.0090	5500	0.0090	1.6285
		T (°C)	20	5500.0101	5500	0.0101	1.8452
		T (°C)	30	5500.0035	5500	0.0035	0.6327
		T (°C)	40	5500.0086	5500	0.0086	1.5646
		T (°C)	50	5500.0021	5500	0.0021	0.3845
		T (°C)	60	5500.0038	5500	0.0038	0.6843
		T (°C)	70	5500.0090	5500	0.0090	1.6279
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)	5.00	5580.0127	5580	0.0127	2.2735
		V max (V)	5.75	5580.0054	5580	0.0054	0.9755
		V min (V)	4.25	5580.0009	5580	0.0009	0.1569
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)	5	T (°C)	-20	5580.01030	5580	0.01030	1.8465
		T (°C)	-10	5580.00322	5580	0.00322	0.5778
		T (°C)	0	5580.00811	5580	0.00811	1.4535
		T (°C)	10	5580.00569	5580	0.00569	1.0195
		T (°C)	20	5580.00266	5580	0.00266	0.4765
		T (°C)	30	5580.00647	5580	0.00647	1.1593
		T (°C)	40	5580.00574	5580	0.00574	1.0285
		T (°C)	50	5580.00848	5580	0.00848	1.5192
		T (°C)	60	5580.00229	5580	0.00229	0.4096
		T (°C)	70	5580.00512	5580	0.00512	0.9171
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)	5.00	5700.0069	5700	0.0069	1.2090
		V max (V)	5.75	5700.0102	5700	0.0102	1.7862
		V min (V)	4.25	5700.0043	5700	0.0043	0.7615
Limits				5500-5700 MHz			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency : 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	5	T (°C)	-20	5700.0082	5700	0.0082	1.4405
		T (°C)	-10	5700.0025	5700	0.0025	0.4454
		T (°C)	0	5700.0093	5700	0.0093	1.6381
		T (°C)	10	5700.0133	5700	0.0133	2.3268
		T (°C)	20	5700.0089	5700	0.0089	1.5585
		T (°C)	30	5700.0053	5700	0.0053	0.9245
		T (°C)	40	5700.0108	5700	0.0108	1.8864
		T (°C)	50	5700.0002	5700	0.0002	0.0331
		T (°C)	60	5700.0099	5700	0.0099	1.7390
		T (°C)	70	5700.0043	5700	0.0043	0.7597
Limits				5500-5700 MHz			
Result				Complies			

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
Test Mode:	TX (5.8G) Mode Frequency U-NII-3 (5745-5825MHz)		

Voltage vs. Frequency Stabilit

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	5.00	5745.00988	5745	0.00988	1.7192
		V max (V)	5.75	5745.00914	5745	0.00914	1.5912
		V min (V)	4.25	5745.00609	5745	0.00609	1.0598
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)	5	T (°C)	-20	5745.00542	5745	0.00542	0.9426
		T (°C)	-10	5745.00422	5745	0.00422	0.7345
		T (°C)	0	5745.01075	5745	0.01075	1.8706
		T (°C)	10	5745.00982	5745	0.00982	1.7088
		T (°C)	20	5745.00384	5745	0.00384	0.6687
		T (°C)	30	5745.01163	5745	0.01163	2.0237
		T (°C)	40	5745.00074	5745	0.00074	0.1293
		T (°C)	50	5745.00341	5745	0.00341	0.5935
		T (°C)	60	5745.00936	5745	0.00936	1.6293
		T (°C)	70	5745.00563	5745	0.00563	0.9800
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)	5.00	5785.00342	5785	0.00342	0.5910
		V max (V)	5.75	5785.00762	5785	0.00762	1.3179
		V min (V)	4.25	5785.00039	5785	0.00039	0.0682
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)	5	T (°C)	-20	5785.00624	5785	0.00624	1.0782
		T (°C)	-10	5785.00946	5785	0.00946	1.6360
		T (°C)	0	5785.00083	5785	0.00083	0.1439
		T (°C)	10	5785.00752	5785	0.00752	1.2992
		T (°C)	20	5785.00504	5785	0.00504	0.8716
		T (°C)	30	5785.01284	5785	0.01284	2.2204
		T (°C)	40	5785.00320	5785	0.00320	0.5538
		T (°C)	50	5785.00862	5785	0.00862	1.4907
		T (°C)	60	5785.00421	5785	0.00421	0.7280
		T (°C)	70	5785.01251	5785	0.01251	2.1623
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)	5.00	5825.00720	5825	0.00720	1.2356
		V max (V)	5.75	5825.00149	5825	0.00149	0.2563
		V min (V)	4.25	5825.00784	5825	0.00784	1.3458
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)	5	T (°C)	-20	5825.00449	5825	0.00449	0.7700
		T (°C)	-10	5825.00449	5825	0.00449	0.7707
		T (°C)	0	5825.00687	5825	0.00687	1.1785
		T (°C)	10	5825.00361	5825	0.00361	0.6197
		T (°C)	20	5825.00779	5825	0.00779	1.3369
		T (°C)	30	5825.00932	5825	0.00932	1.5994
		T (°C)	40	5825.00566	5825	0.00566	0.9715
		T (°C)	50	5825.00699	5825	0.00699	1.1994
		T (°C)	60	5825.01015	5825	0.01015	1.7419
		T (°C)	70	5825.00735	5825	0.00735	1.2618
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 = Ton / (Ton+Toff)

14.3 Test Procedure

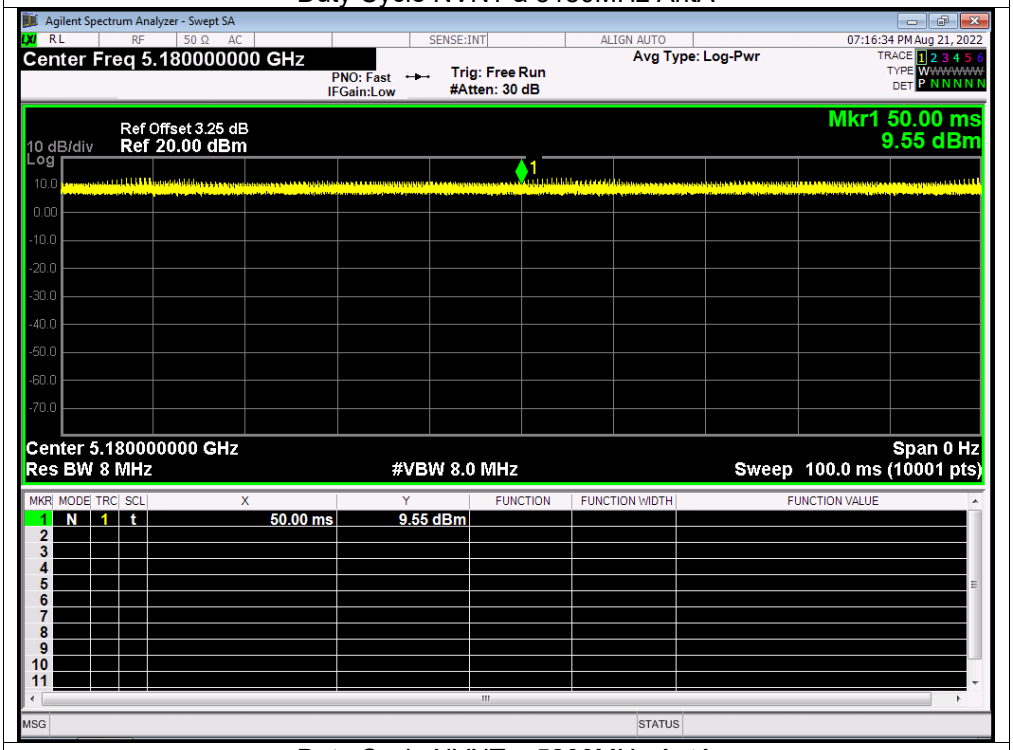
1.Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

14.4 Test Result

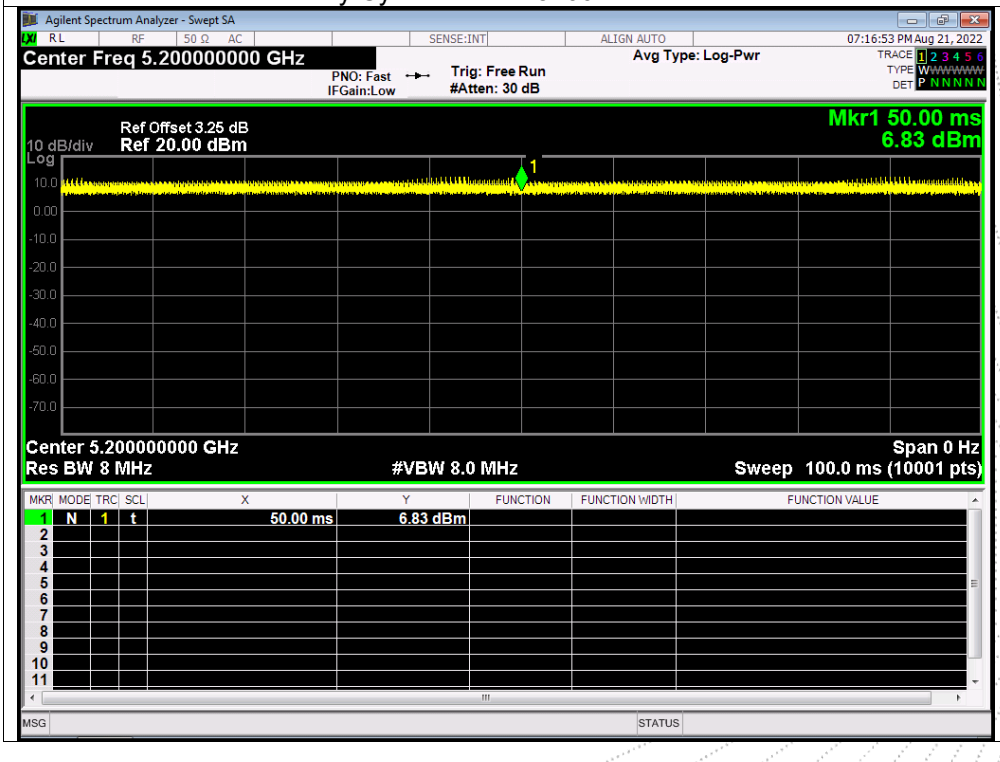
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	AntA	100	0	0
NVNT	a	5200	AntA	100	0	0
NVNT	a	5240	AntA	100	0	0
NVNT	n20	5180	AntA	100	0	0
NVNT	n20	5200	AntA	100	0	0
NVNT	n20	5240	AntA	100	0	0
NVNT	n40	5190	AntA	100	0	0
NVNT	n40	5230	AntA	100	0	0
NVNT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

Test Graphs

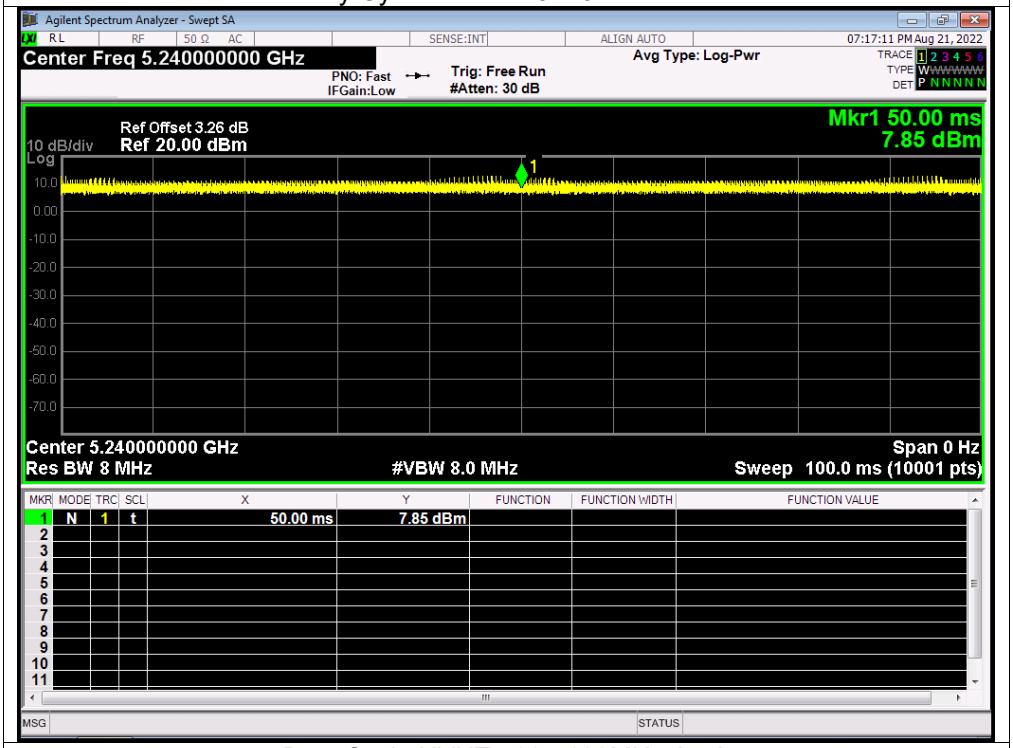
Duty Cycle NVNT a 5180MHz AntA



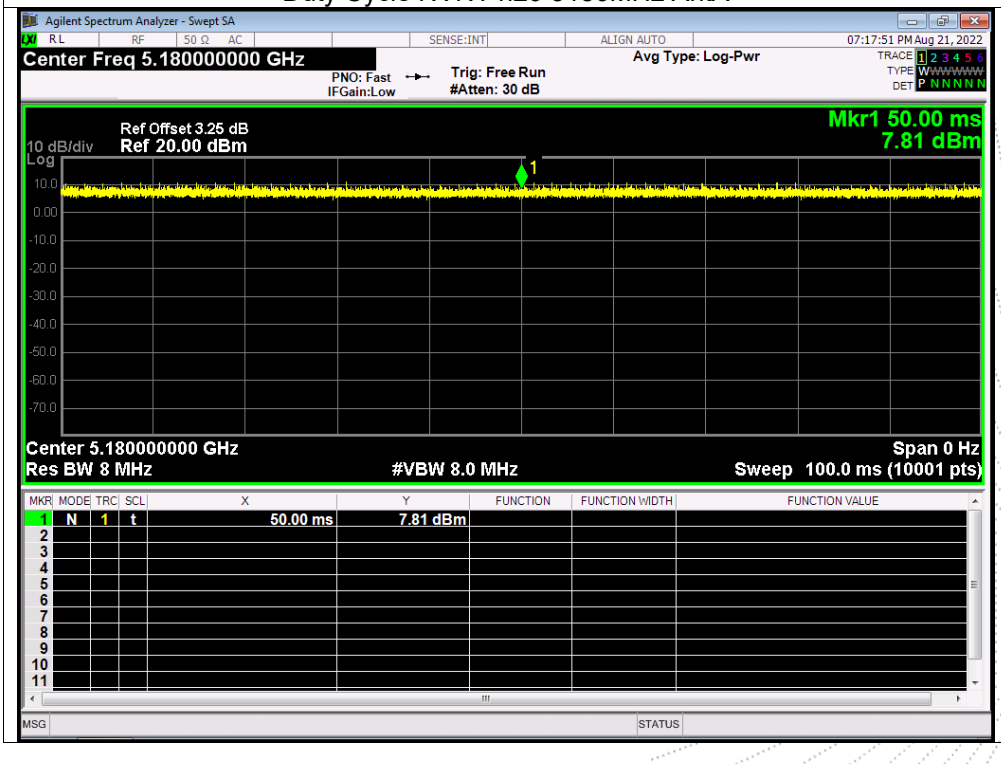
Duty Cycle NVNT a 5200MHz AntA



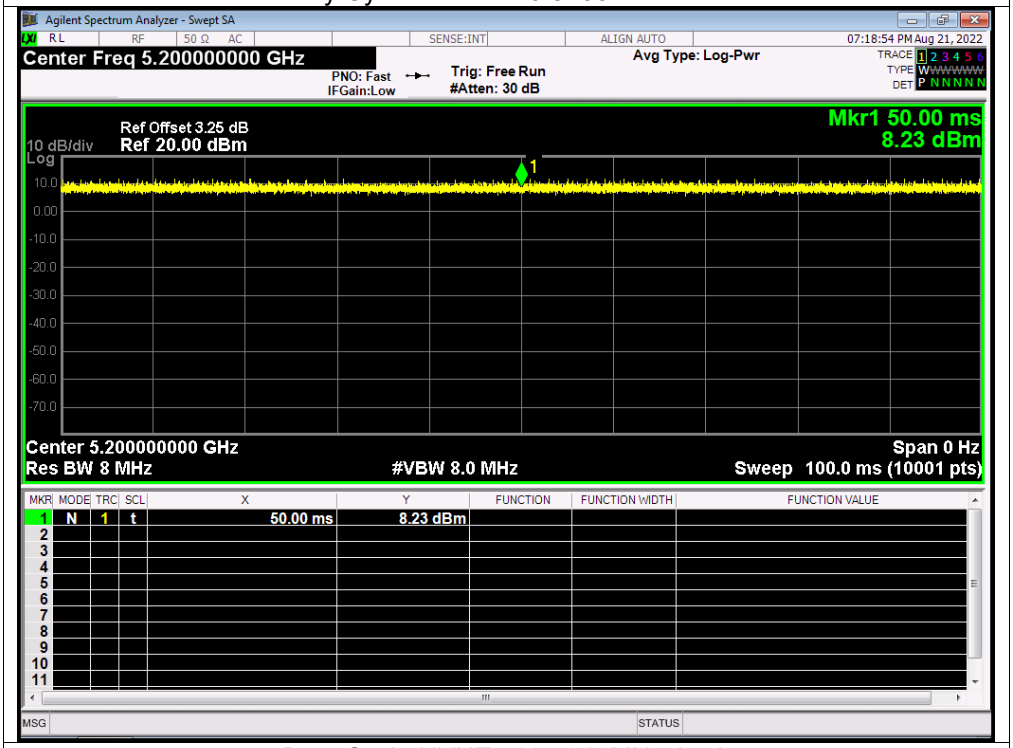
Duty Cycle NVNT a 5240MHz AntA



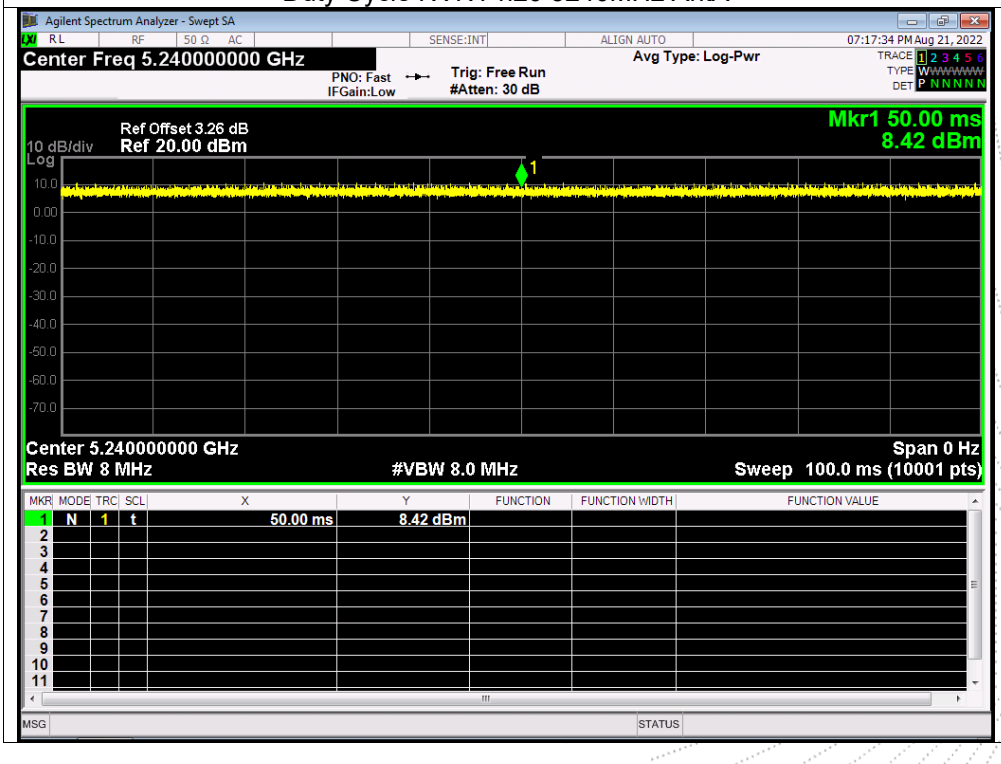
Duty Cycle NVNT n20 5180MHz AntA



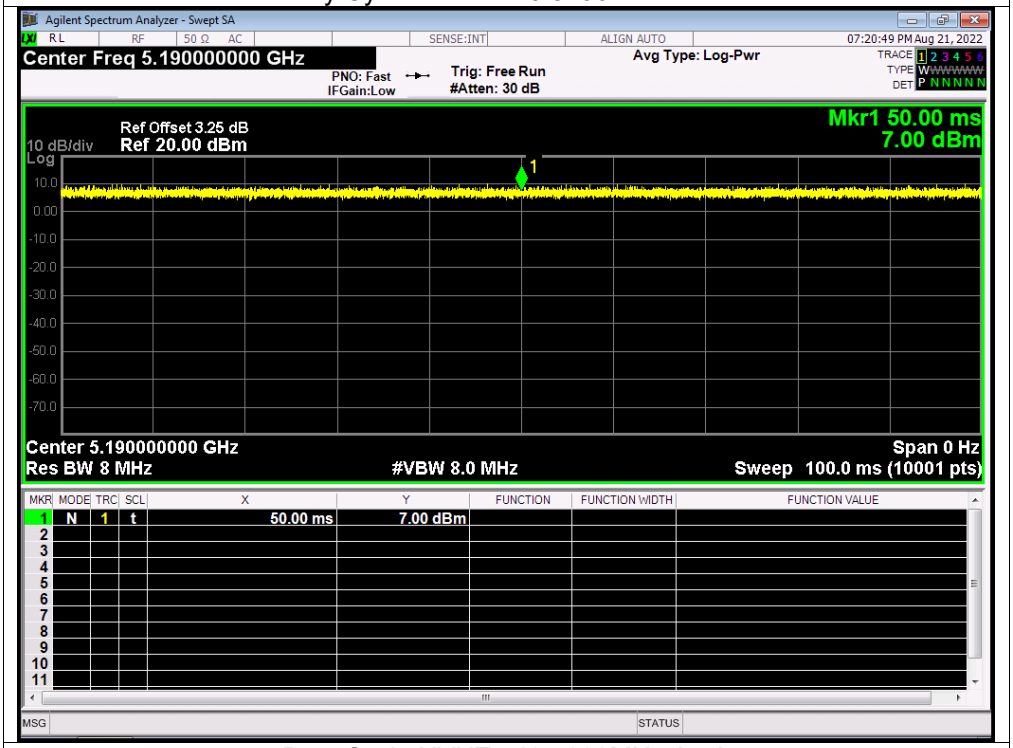
Duty Cycle NVNT n20 5200MHz AntA



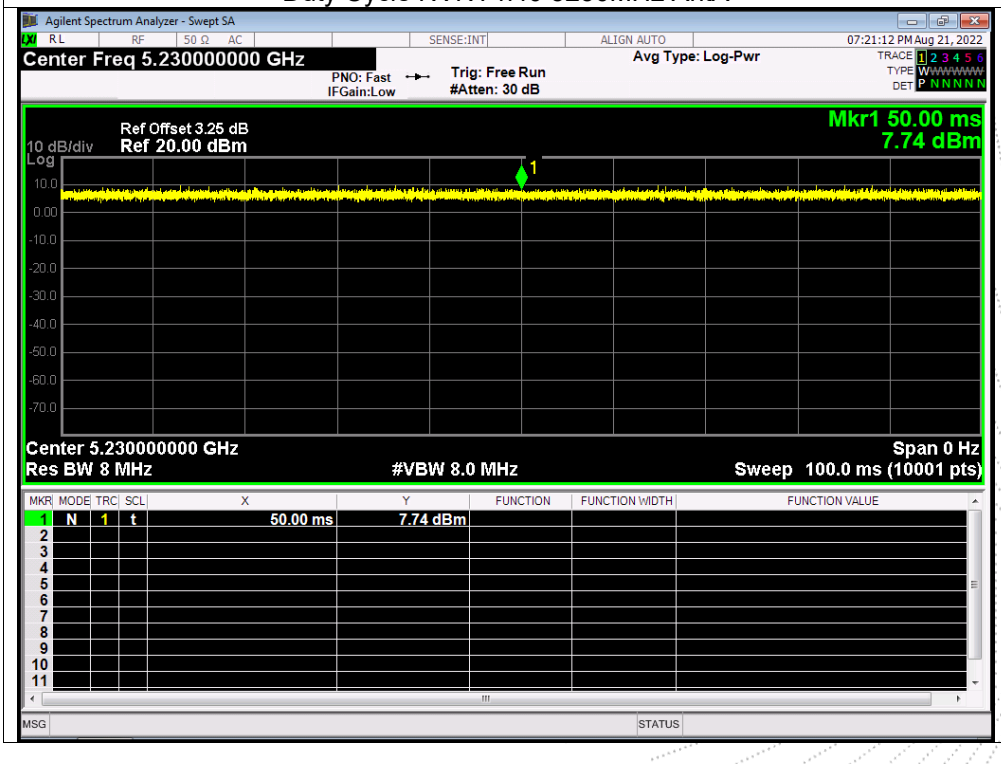
Duty Cycle NVNT n20 5240MHz AntA



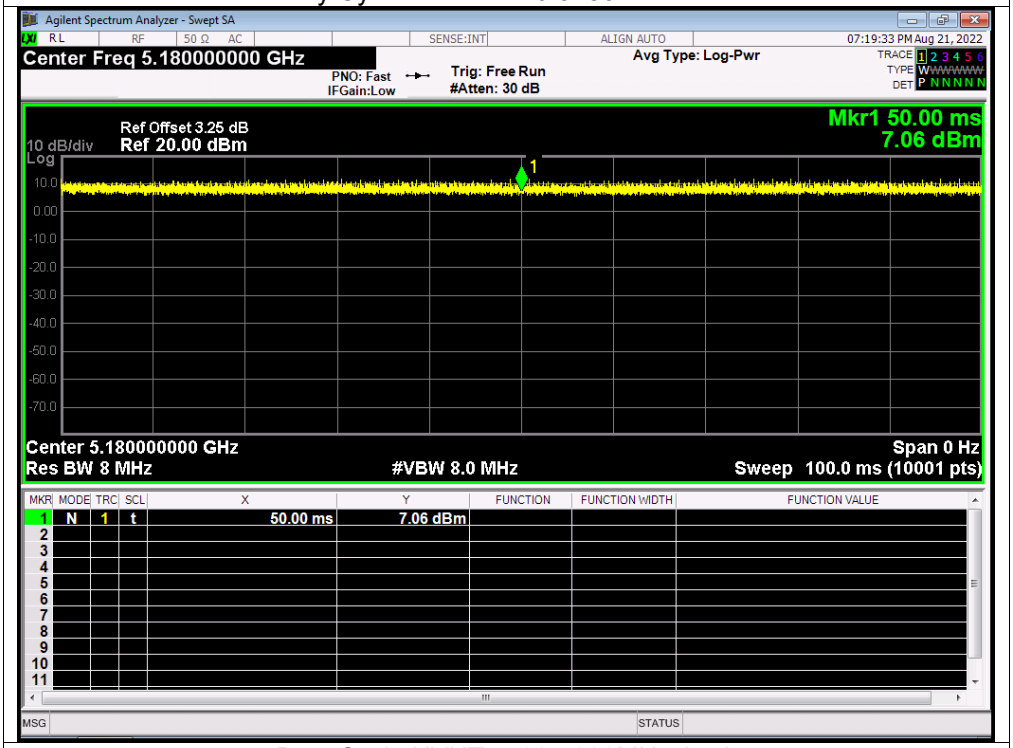
Duty Cycle NVNT n40 5190MHz AntA



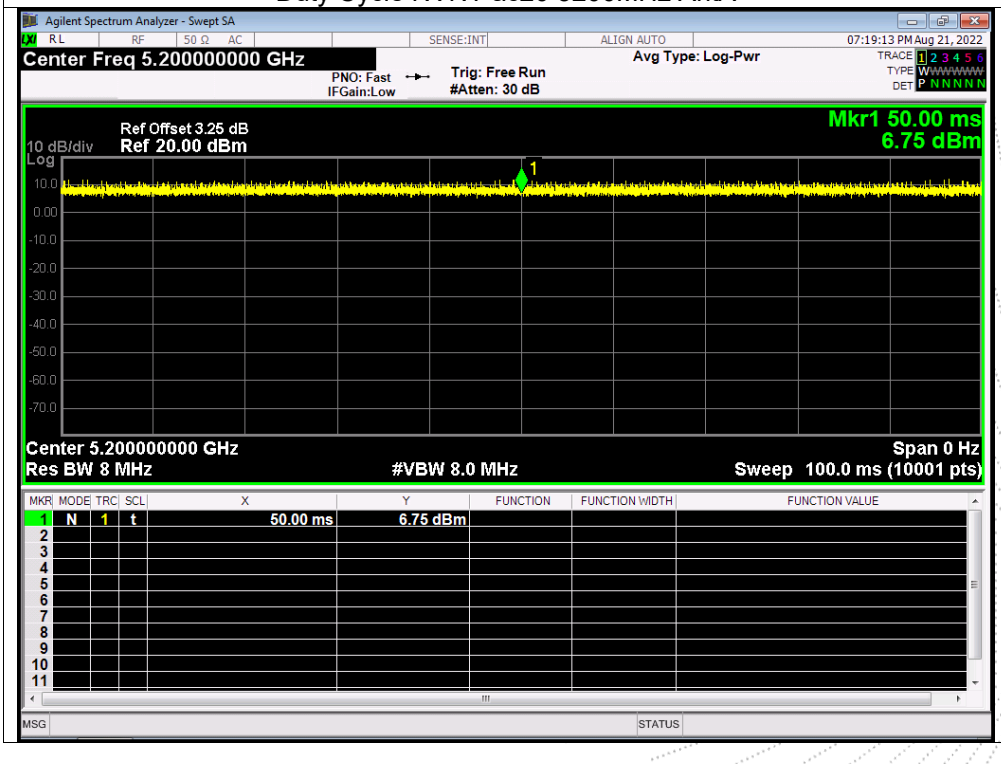
Duty Cycle NVNT n40 5230MHz AntA



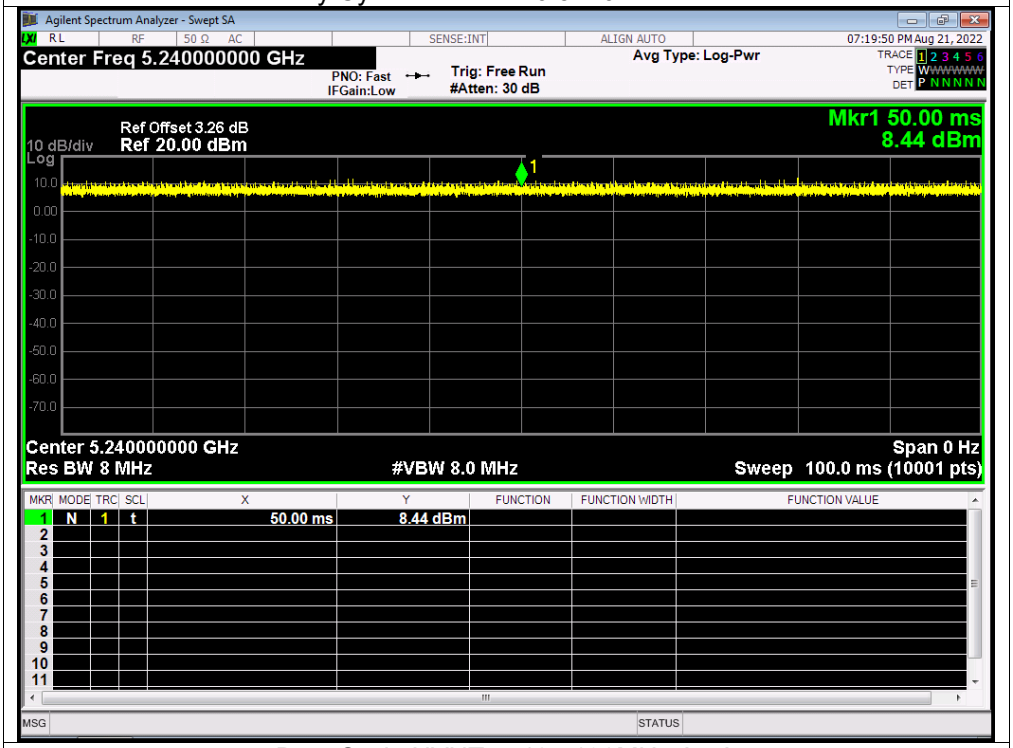
Duty Cycle NVNT ac20 5180MHz AntA



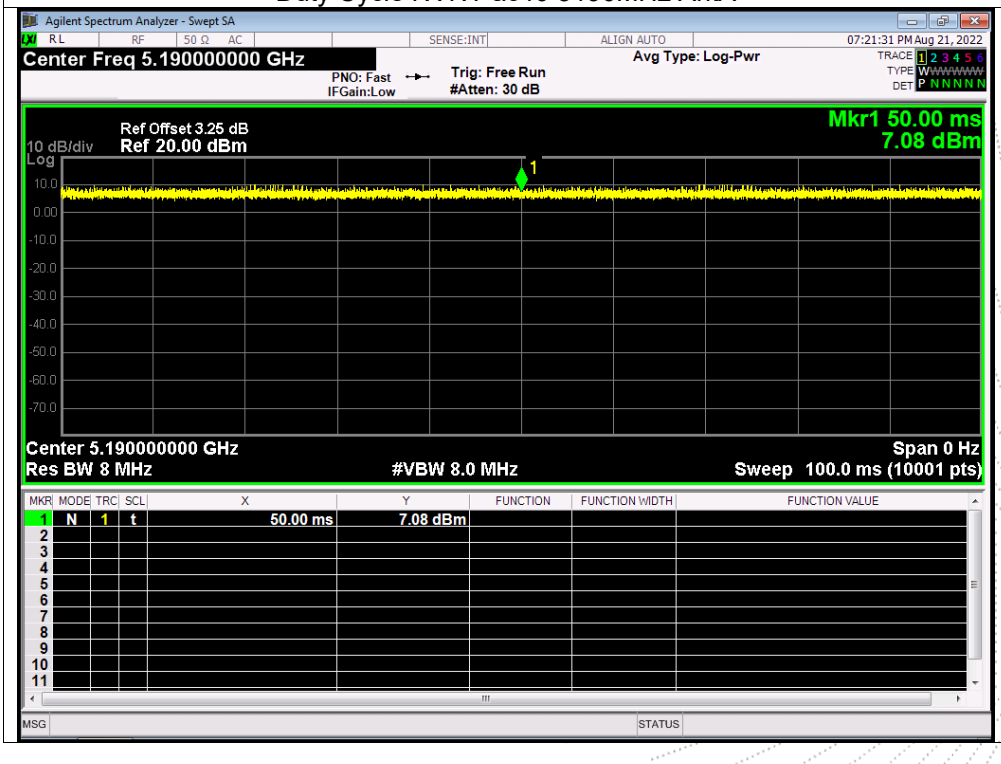
Duty Cycle NVNT ac20 5200MHz AntA



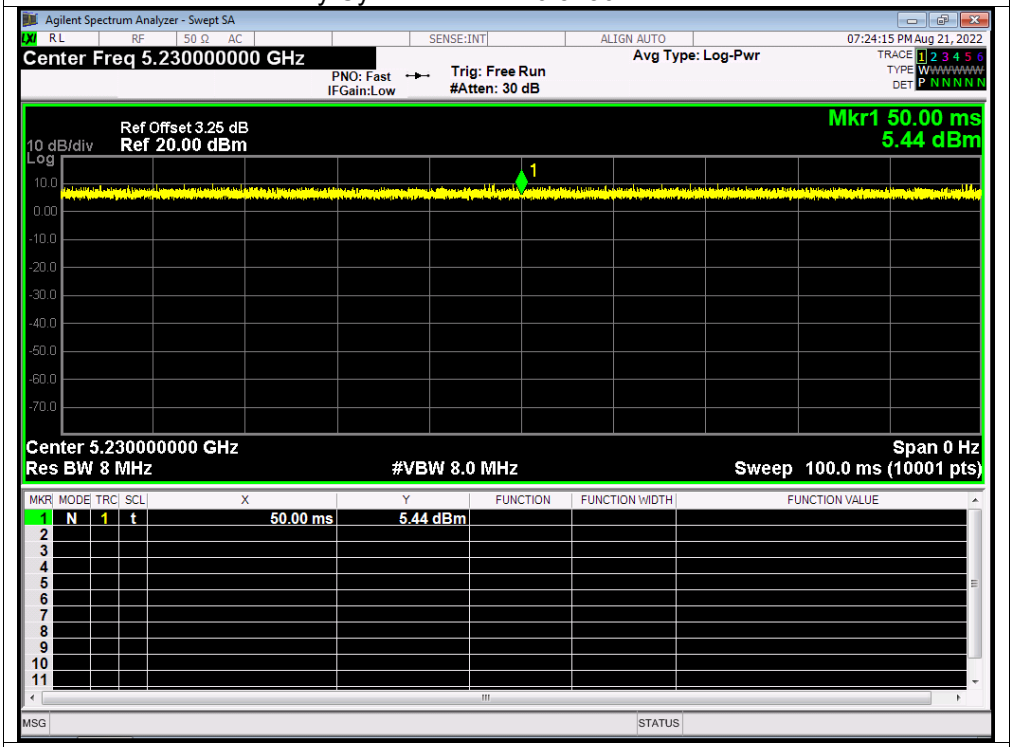
Duty Cycle NVNT ac20 5240MHz AntA



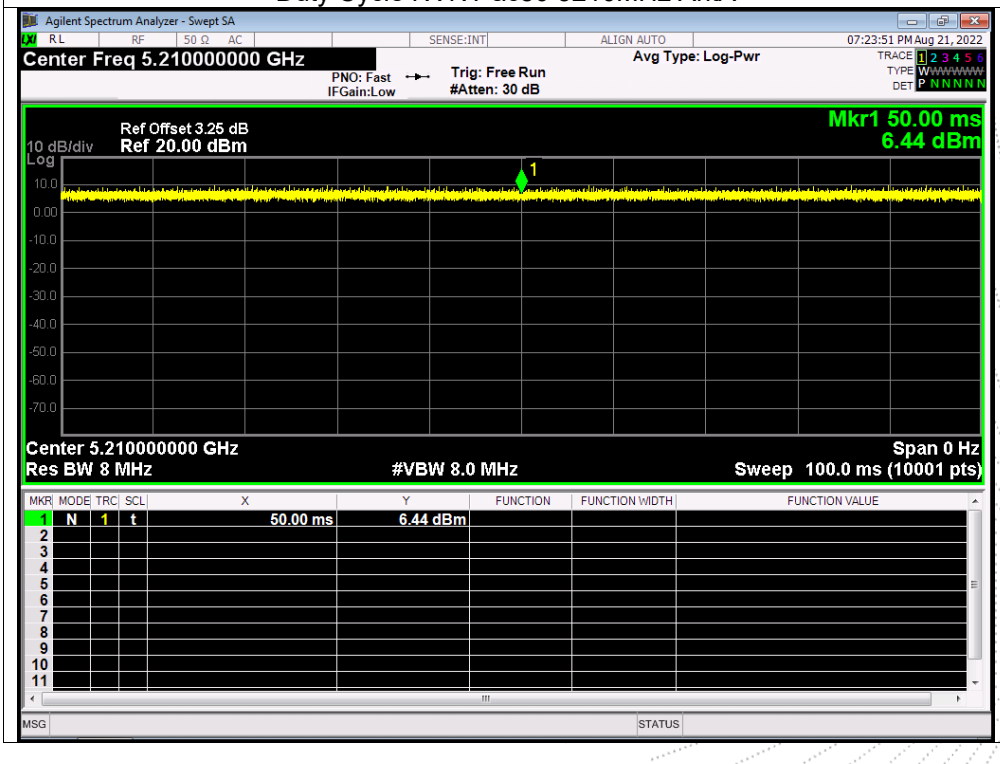
Duty Cycle NVNT ac40 5190MHz AntA



Duty Cycle NVNT ac40 5230MHz AntA



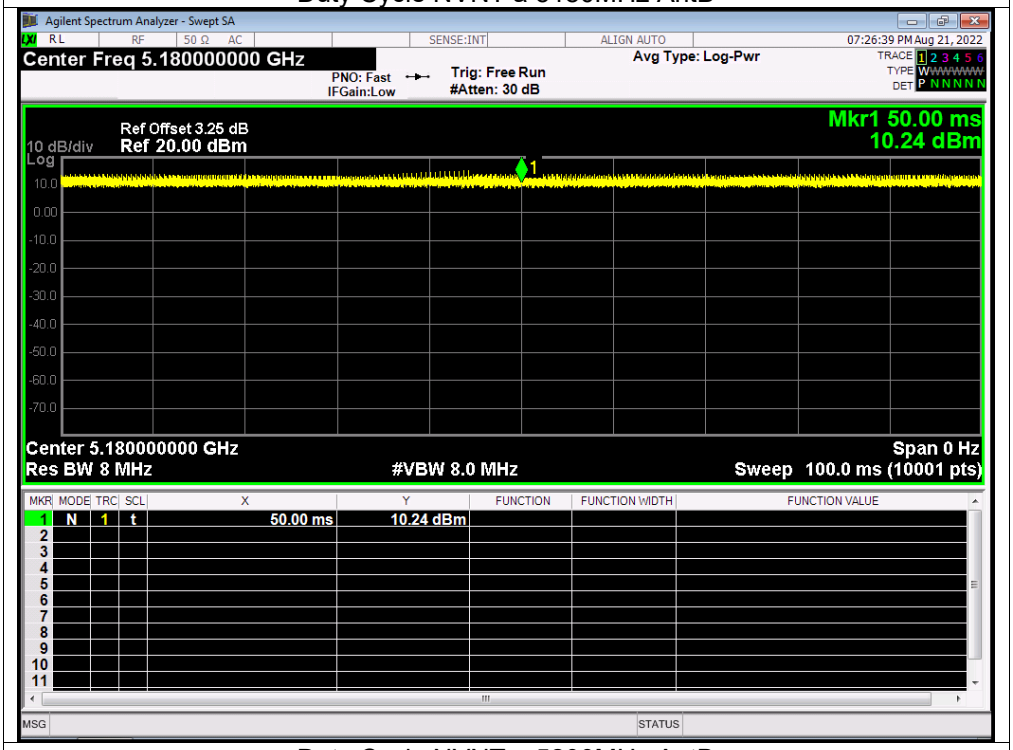
Duty Cycle NVNT ac80 5210MHz AntA



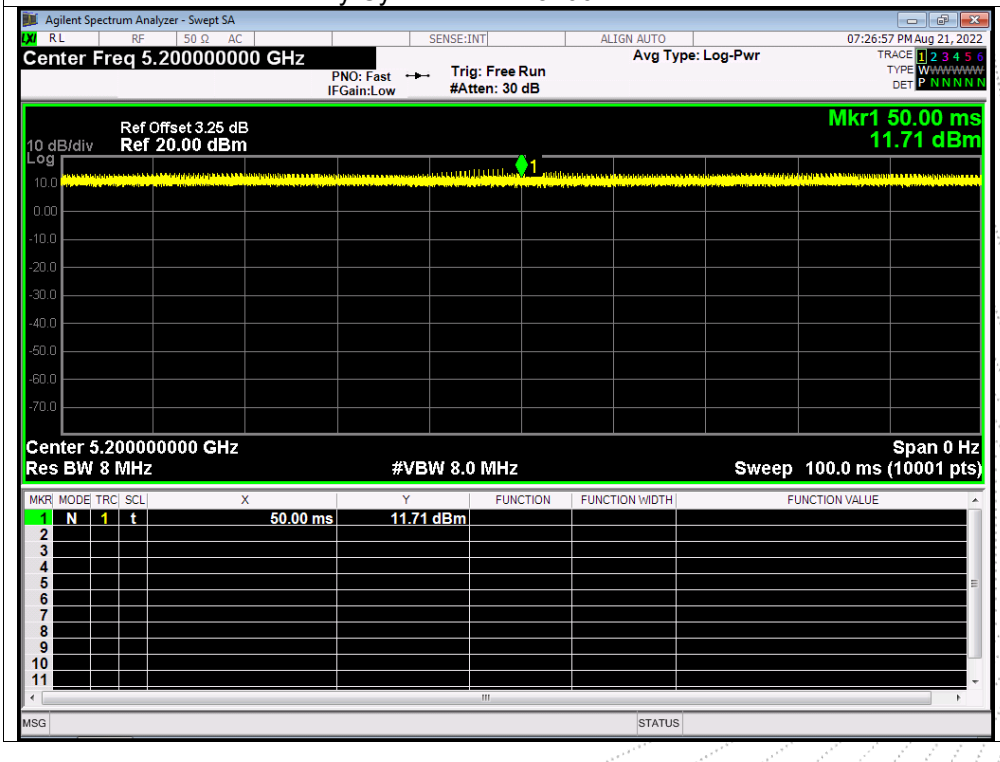
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	AntB	100	0	0
NVNT	a	5200	AntB	100	0	0
NVNT	a	5240	AntB	100	0	0
NVNT	n20	5180	AntB	100	0	0
NVNT	n20	5200	AntB	100	0	0
NVNT	n20	5240	AntB	100	0	0
NVNT	n40	5190	AntB	100	0	0
NVNT	n40	5230	AntB	100	0	0
NVNT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

Test Graphs

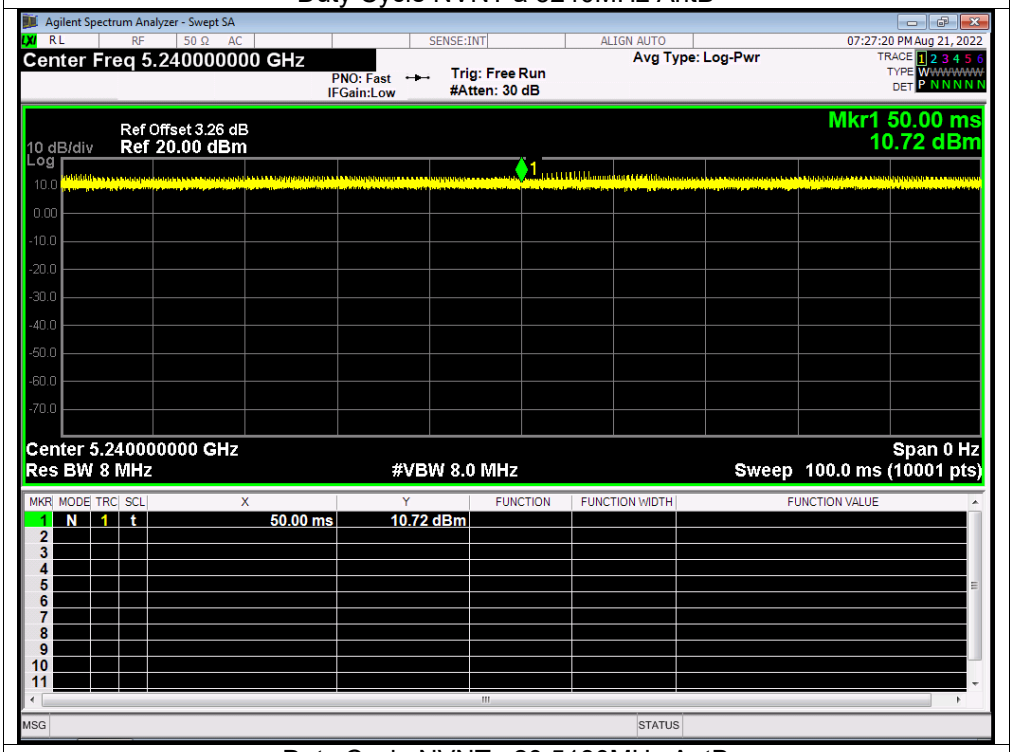
Duty Cycle NVNT a 5180MHz AntB



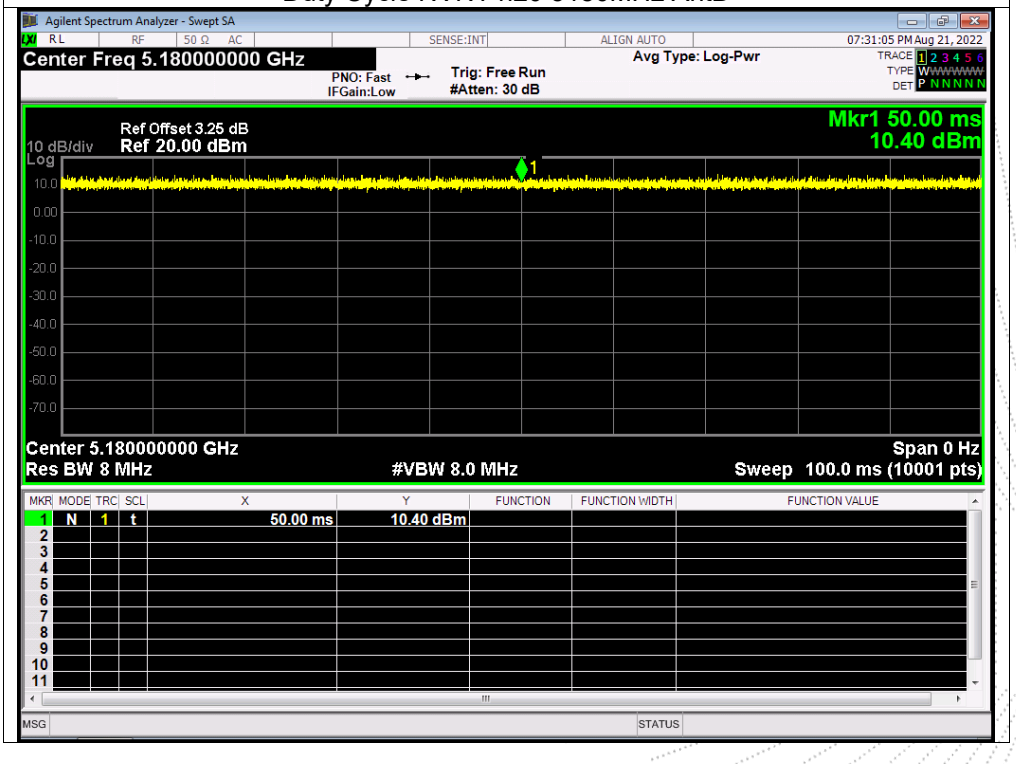
Duty Cycle NVNT a 5200MHz AntB



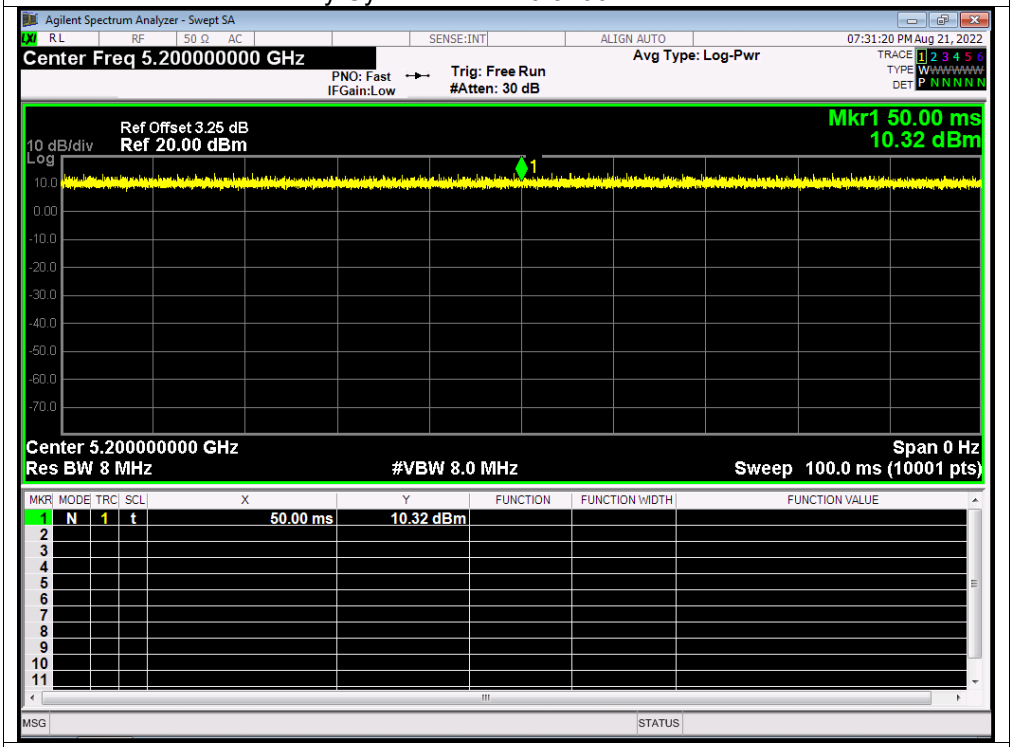
Duty Cycle NVNT a 5240MHz AntB



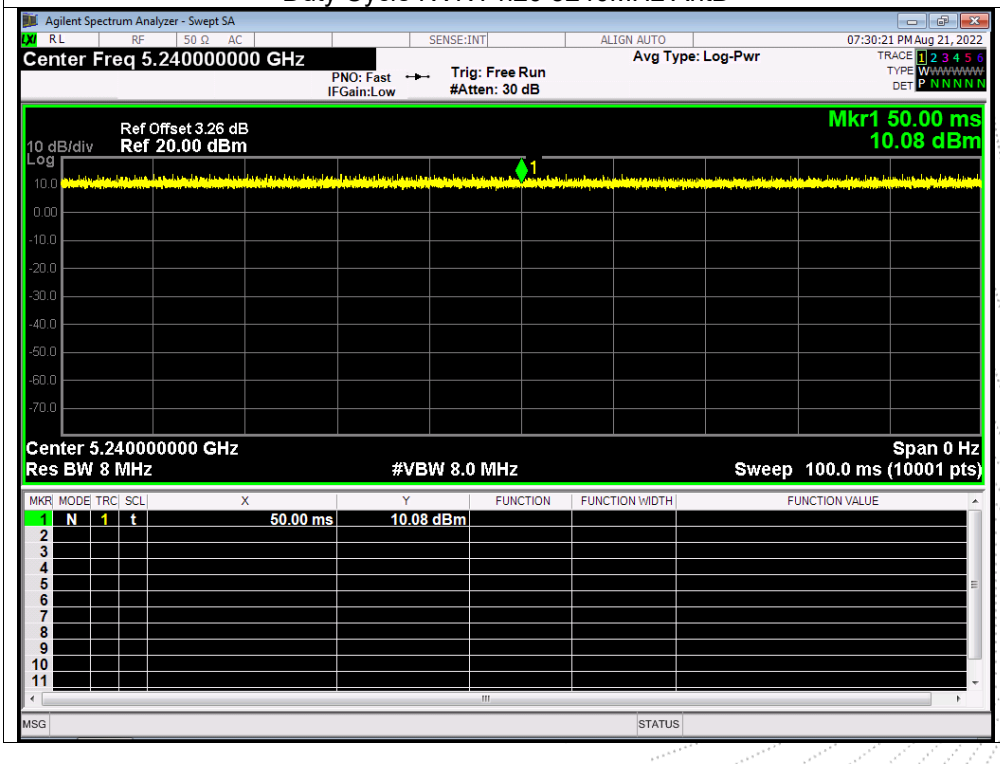
Duty Cycle NVNT n20 5180MHz AntB



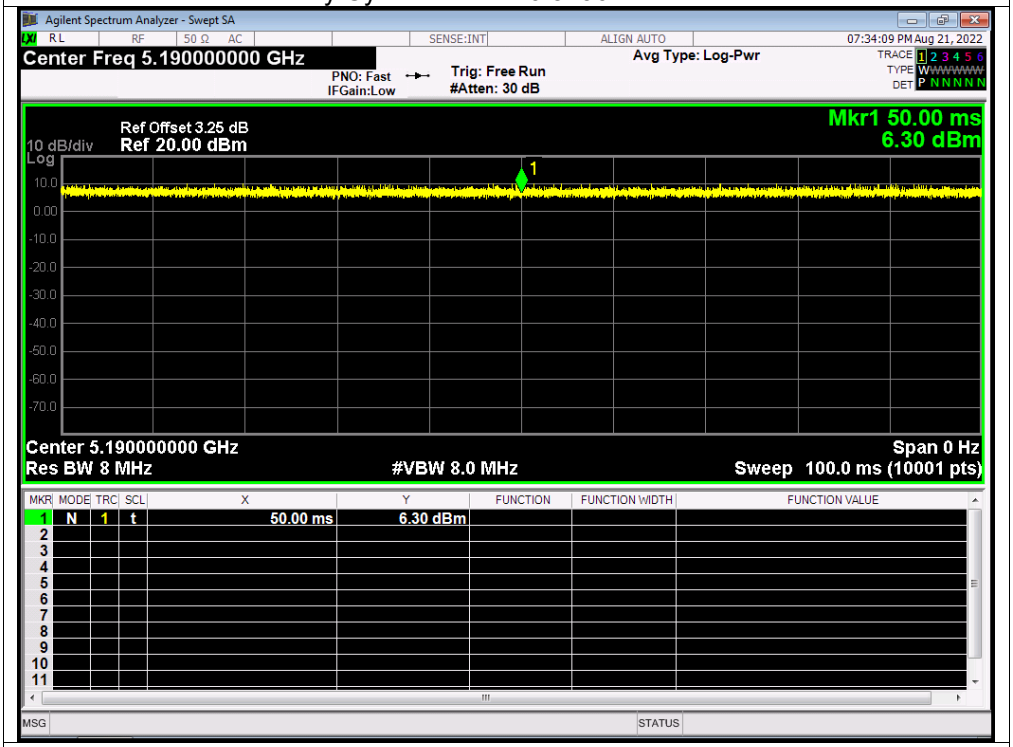
Duty Cycle NVNT n20 5200MHz AntB



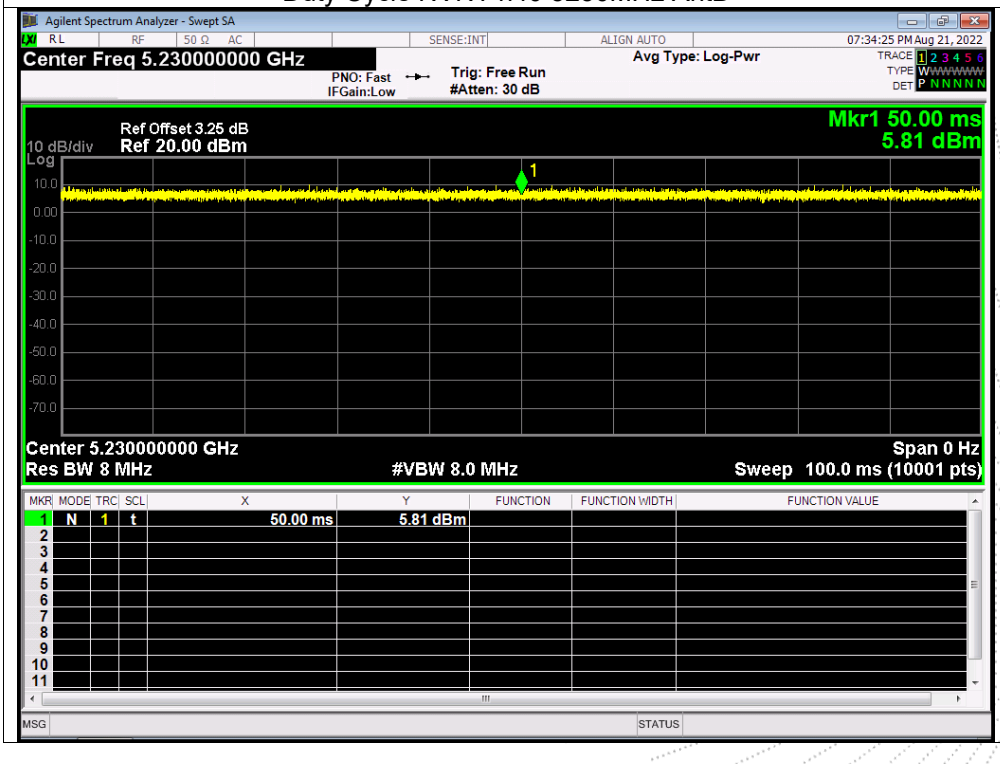
Duty Cycle NVNT n20 5240MHz AntB



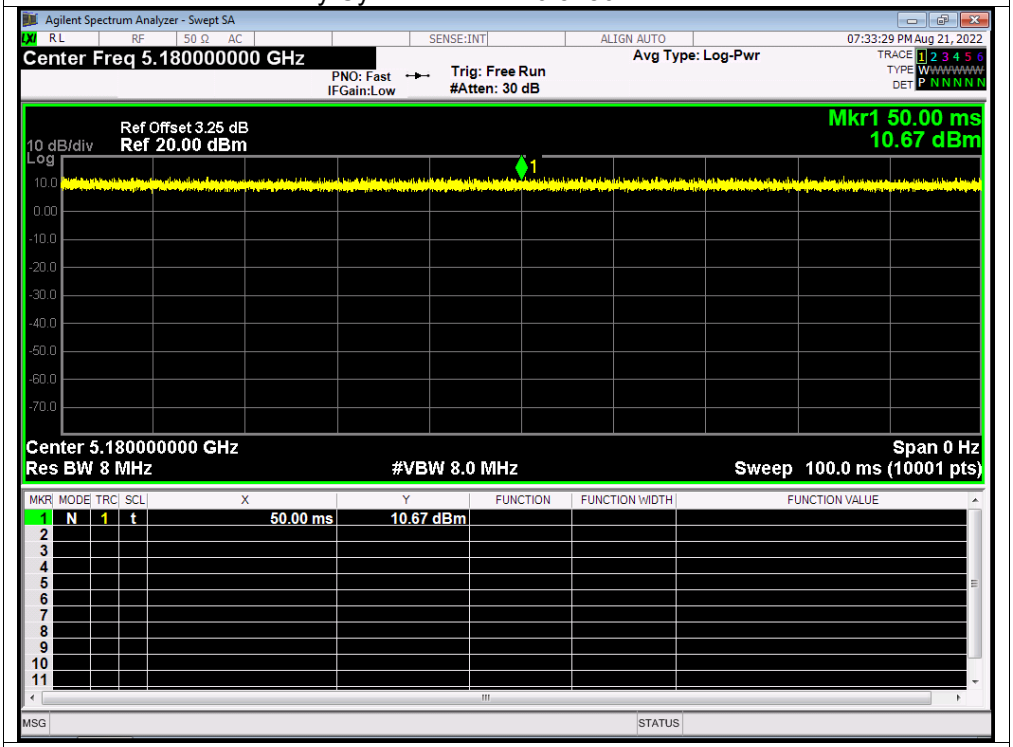
Duty Cycle NVNT n40 5190MHz AntB



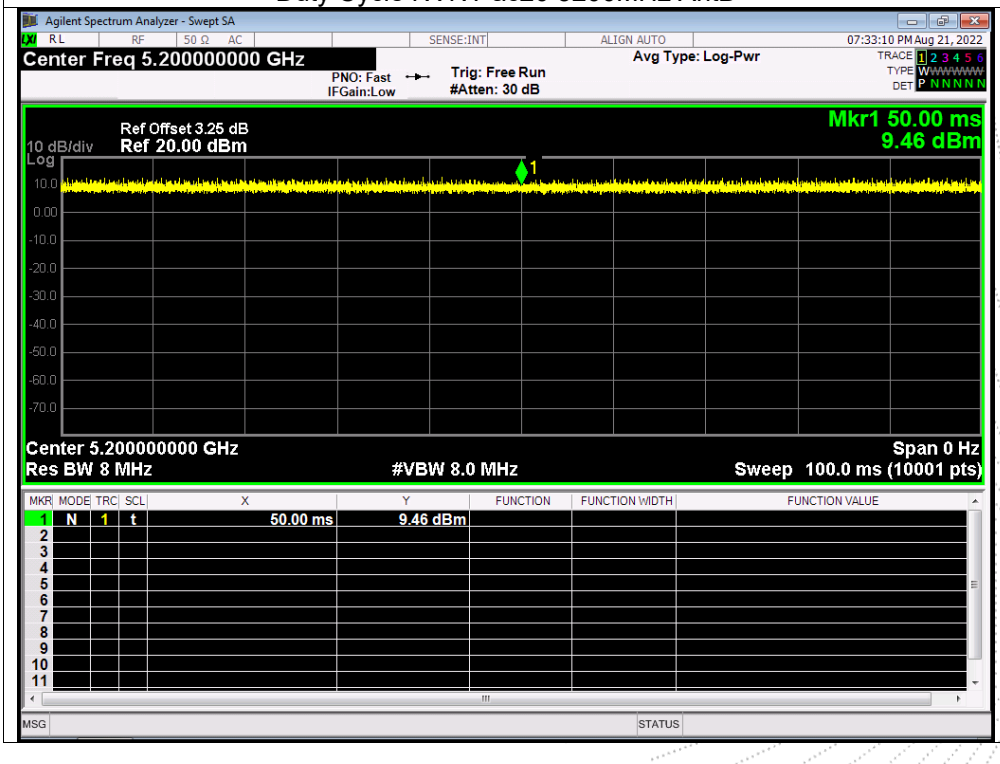
Duty Cycle NVNT n40 5230MHz AntB



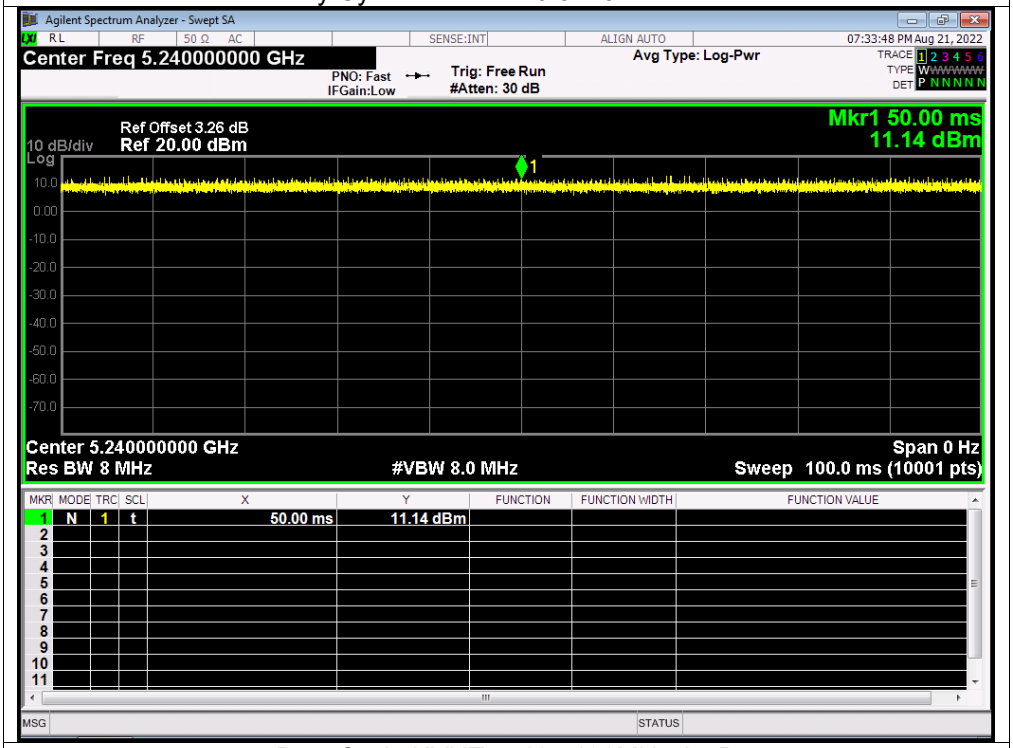
Duty Cycle NVNT ac20 5180MHz AntB



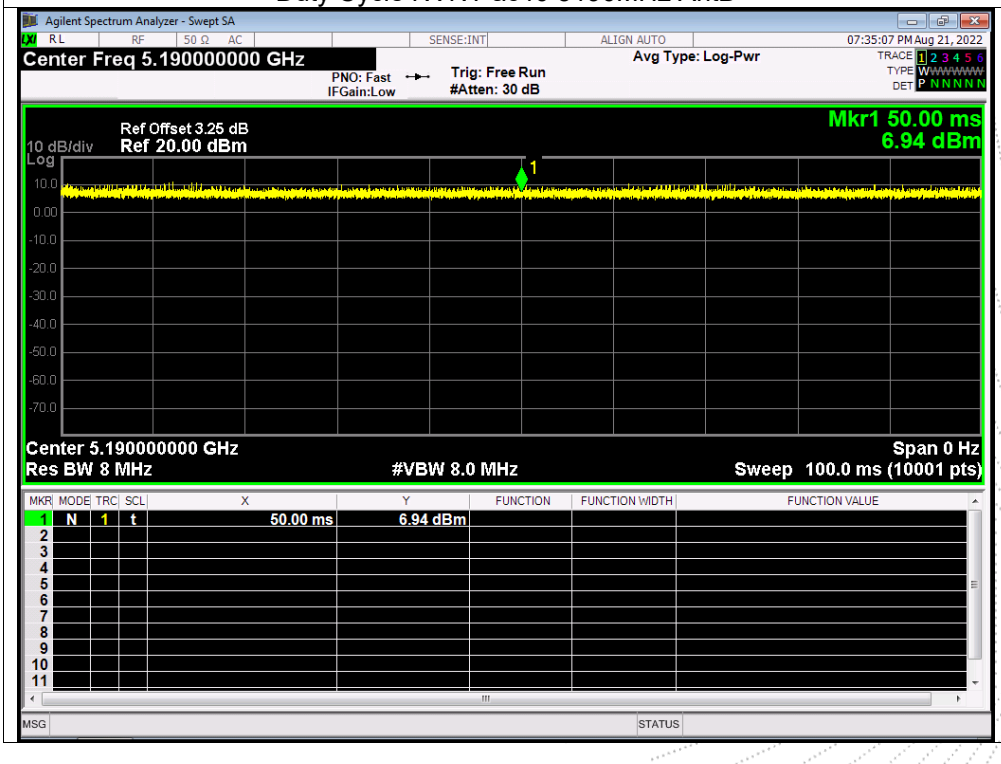
Duty Cycle NVNT ac20 5200MHz AntB



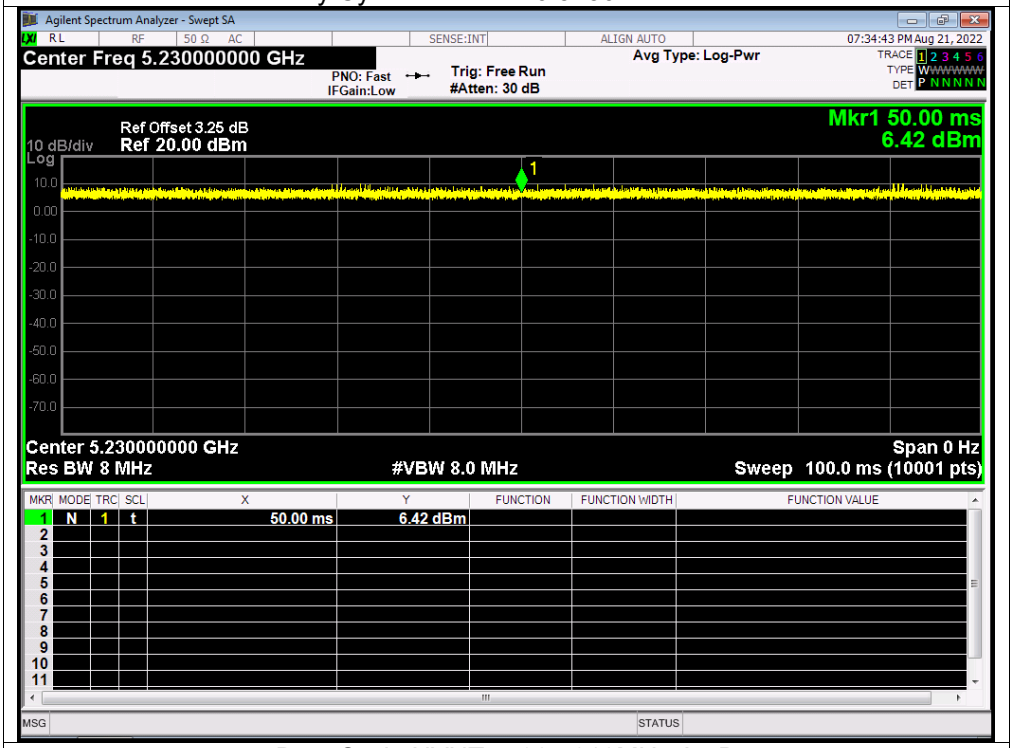
Duty Cycle NVNT ac20 5240MHz AntB



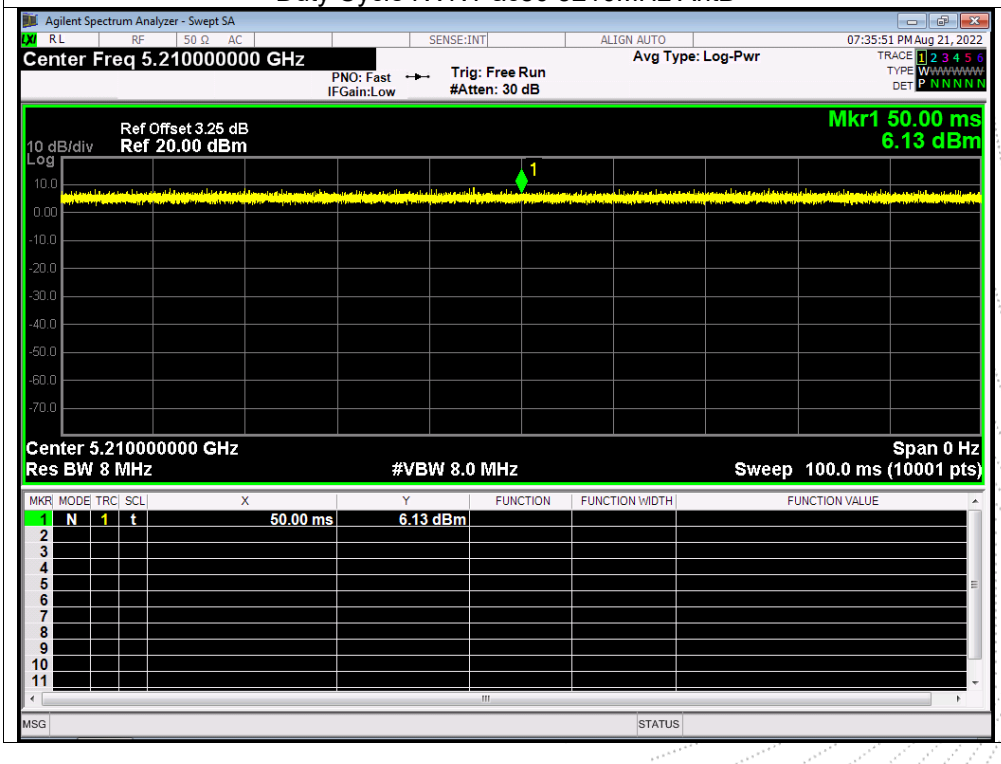
Duty Cycle NVNT ac40 5190MHz AntB



Duty Cycle NVNT ac40 5230MHz AntB



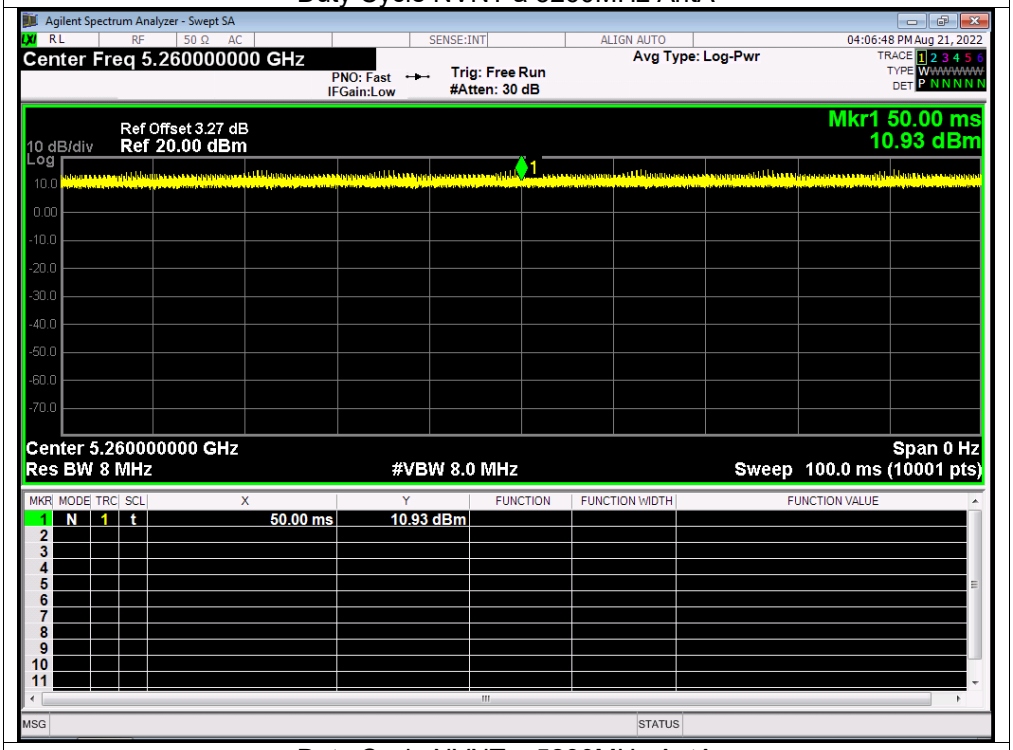
Duty Cycle NVNT ac80 5210MHz AntB



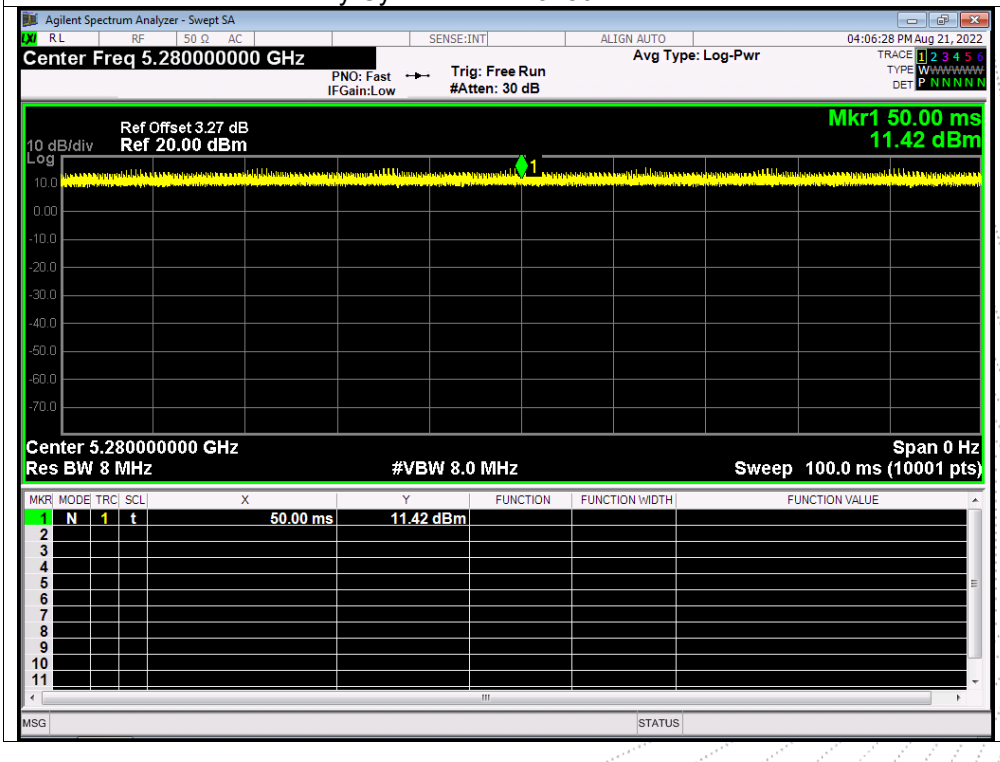
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	AntA	100	0	0
NVNT	a	5280	AntA	100	0	0
NVNT	a	5320	AntA	100	0	0
NVNT	n20	5260	AntA	100	0	0
NVNT	n20	5280	AntA	100	0	0
NVNT	n20	5320	AntA	100	0	0
NVNT	n40	5270	AntA	100	0	0
NVNT	n40	5310	AntA	100	0	0
NVNT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

Test Graphs

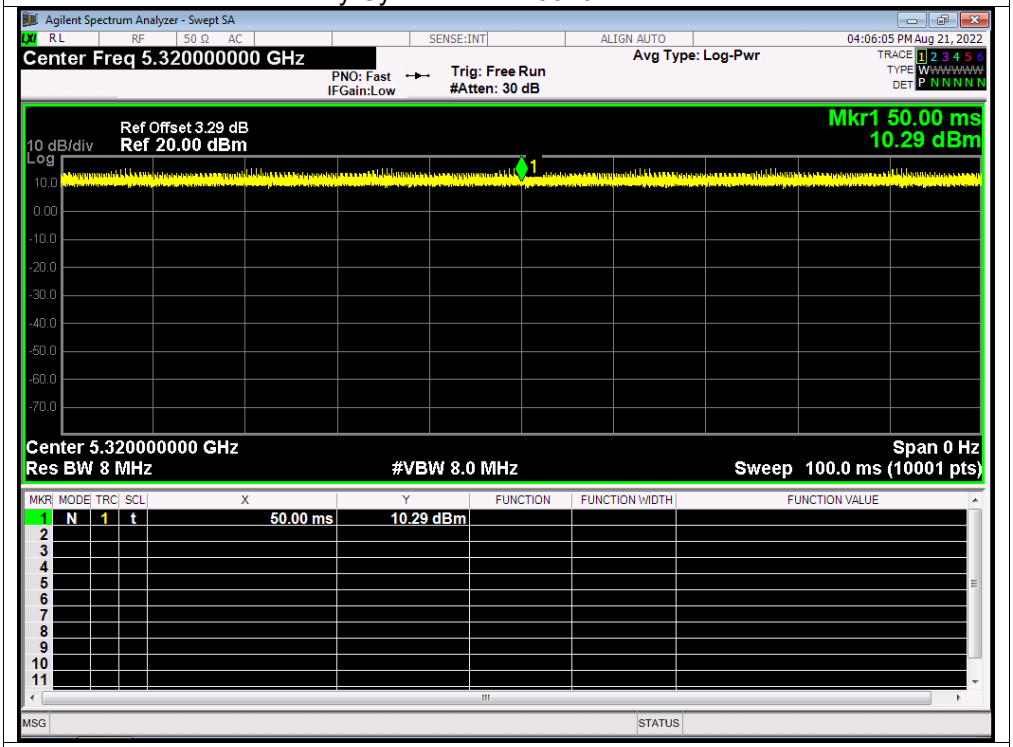
Duty Cycle NVNT a 5260MHz AntA



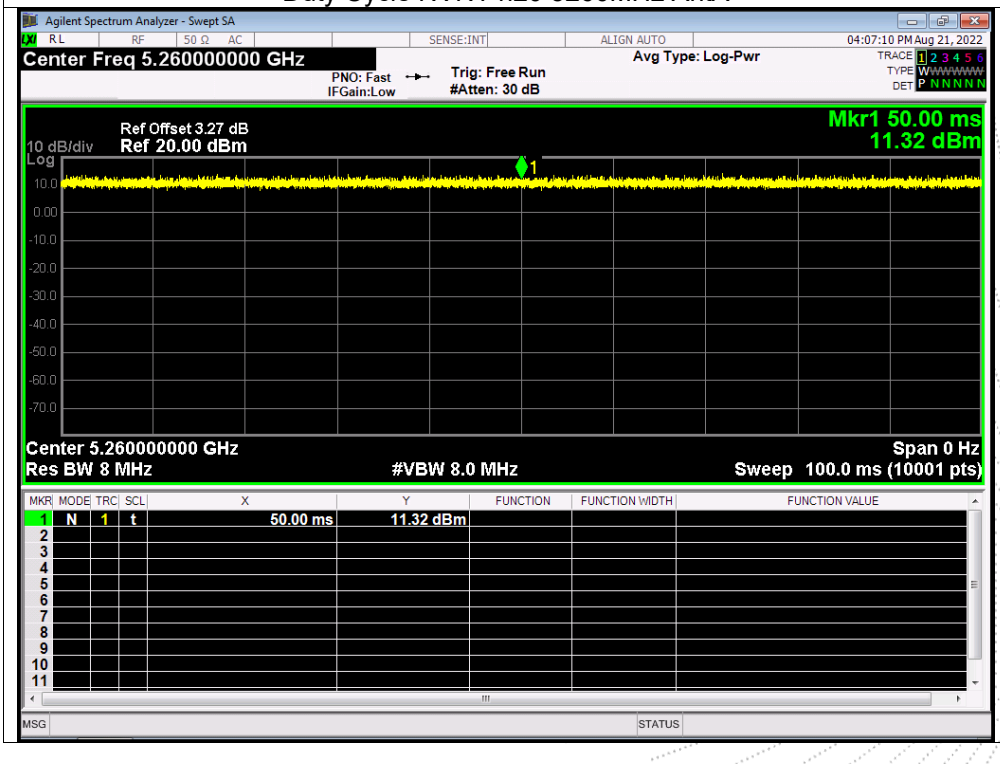
Duty Cycle NVNT a 5280MHz AntA



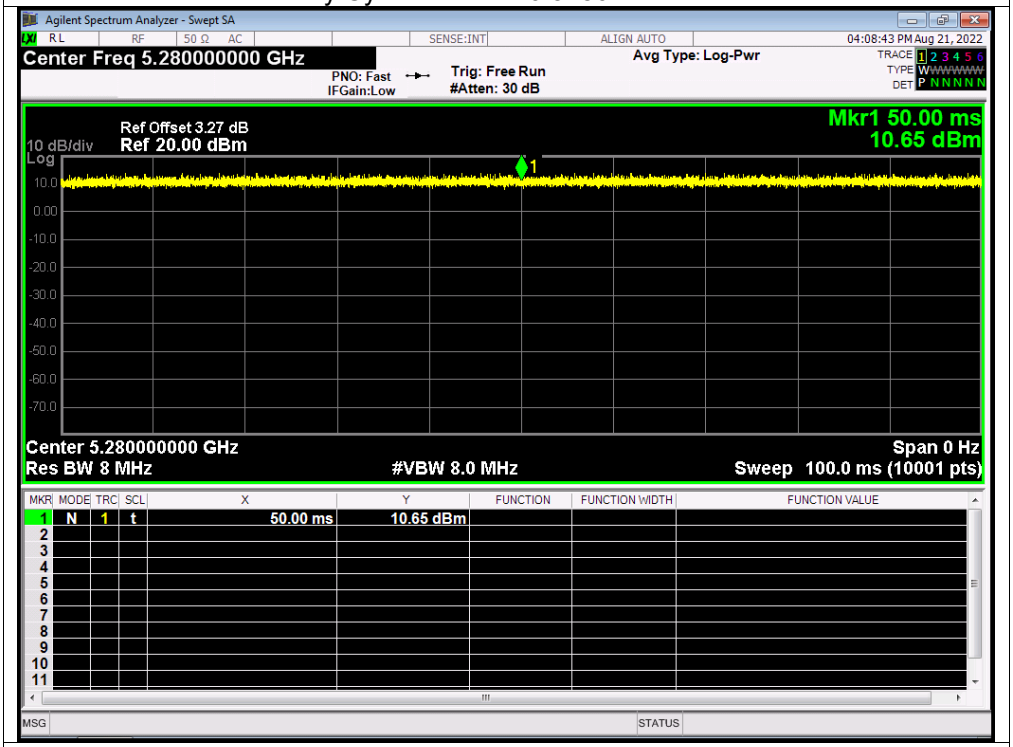
Duty Cycle NVNT a 5320MHz AntA



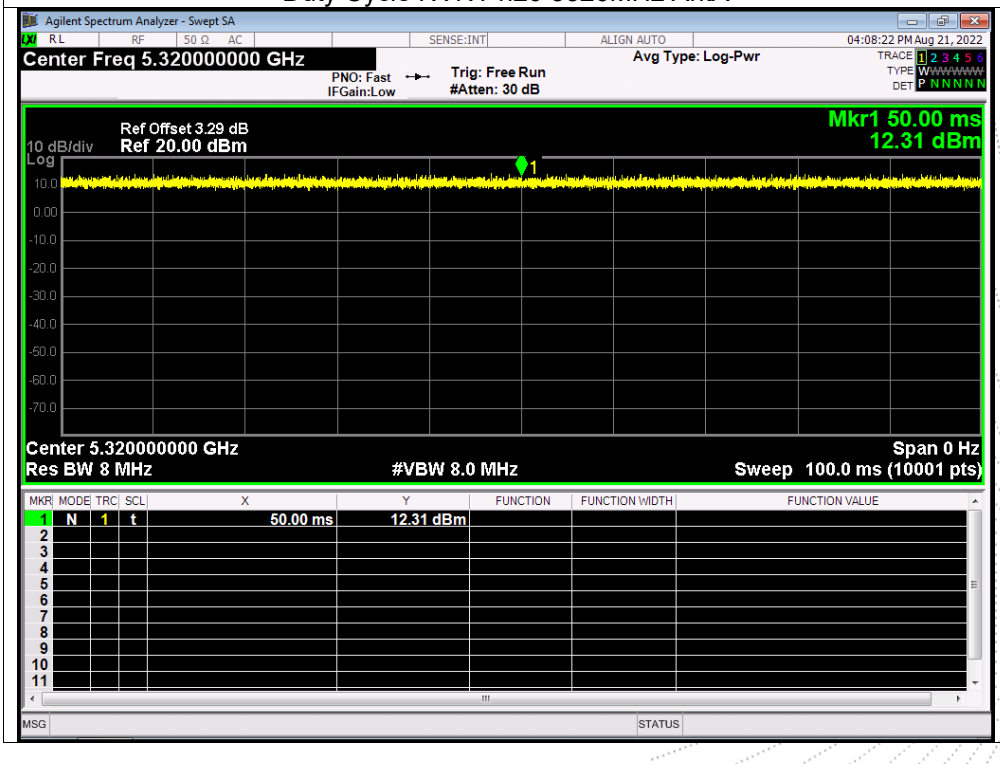
Duty Cycle NVNT n20 5260MHz AntA



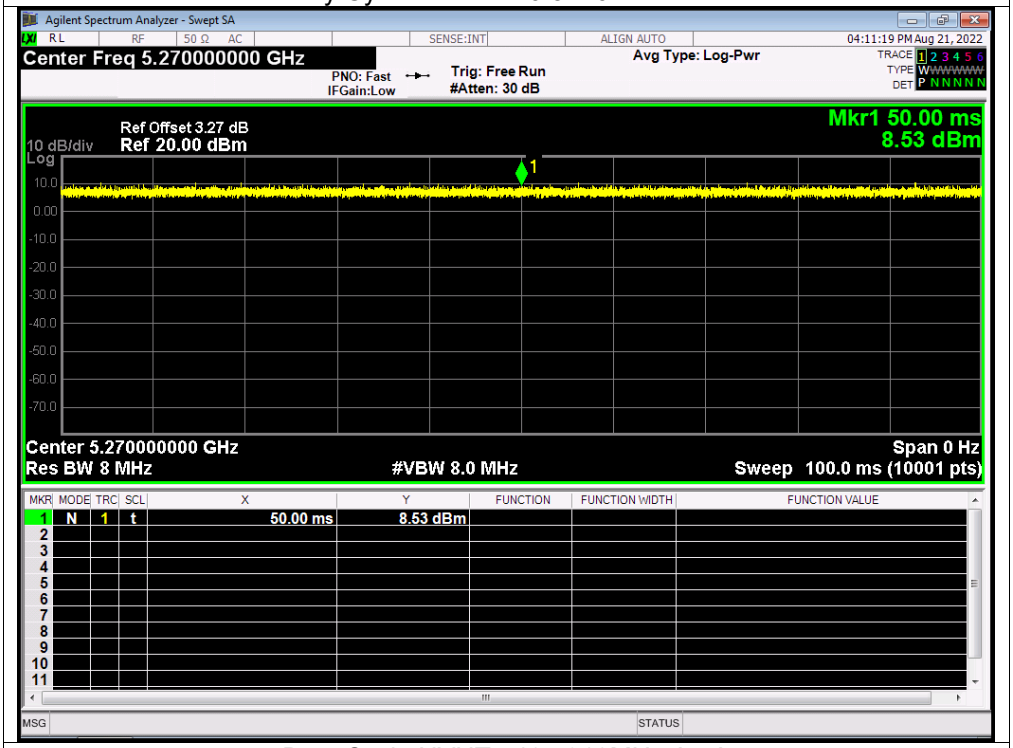
Duty Cycle NVNT n20 5280MHz AntA



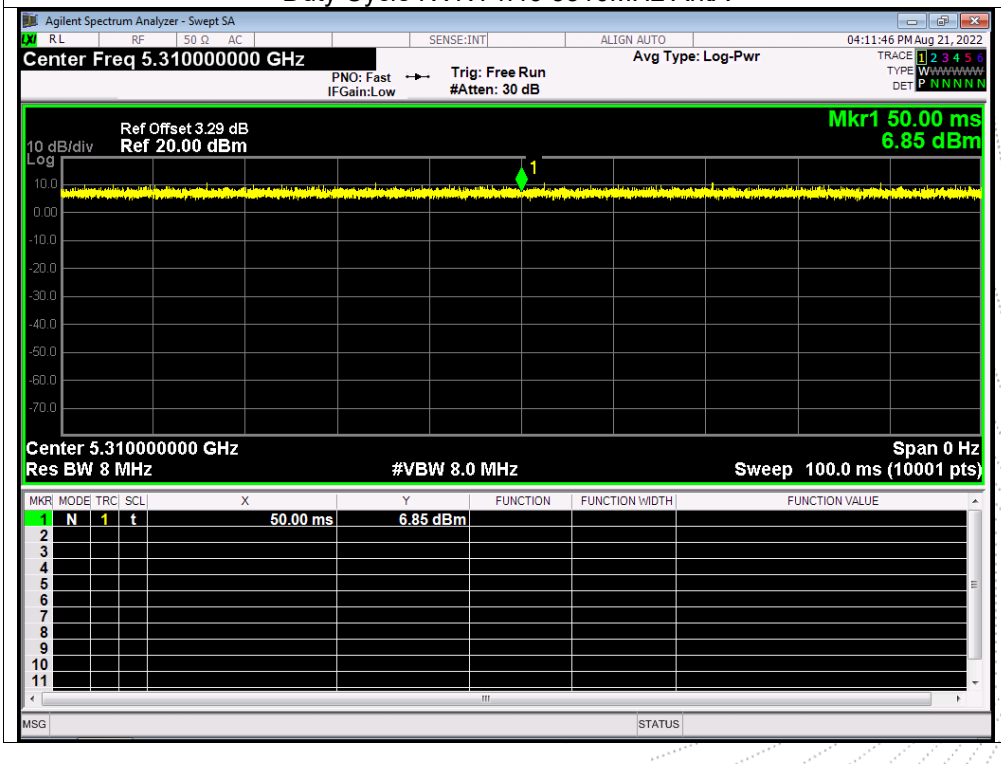
Duty Cycle NVNT n20 5320MHz AntA



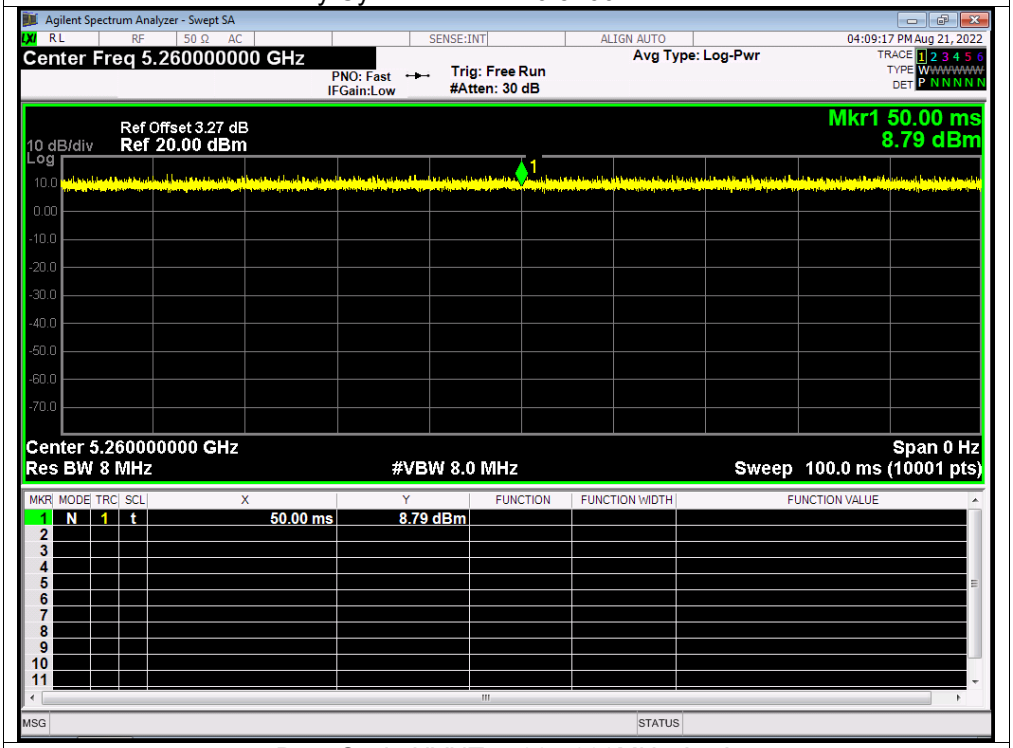
Duty Cycle NVNT n40 5270MHz AntA



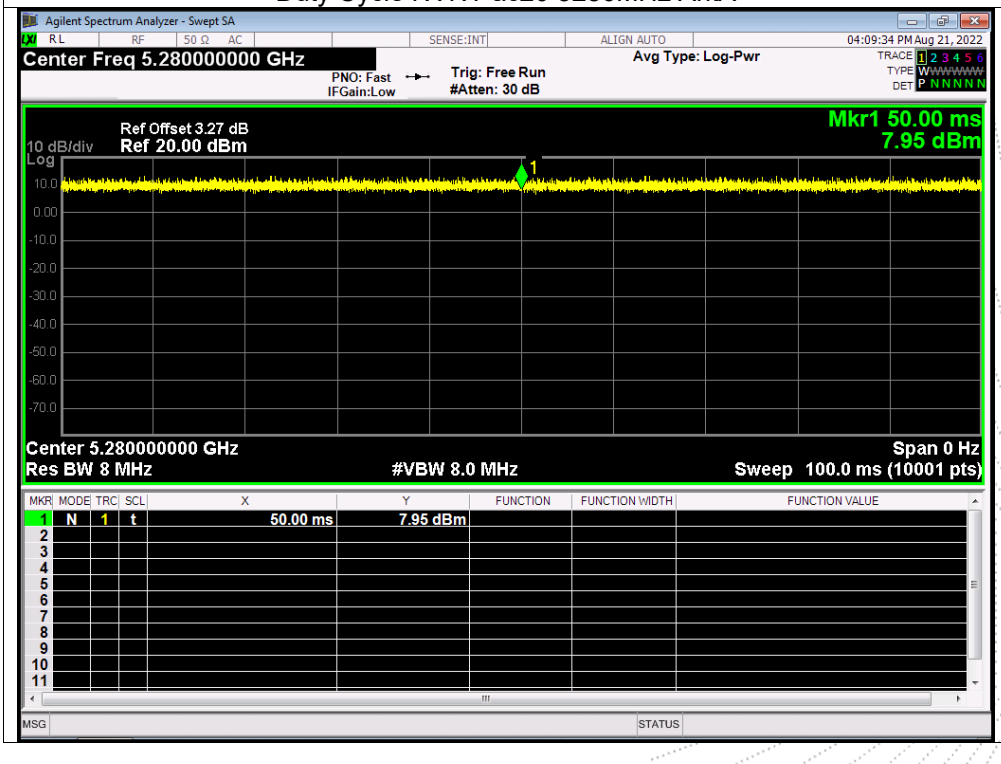
Duty Cycle NVNT n40 5310MHz AntA



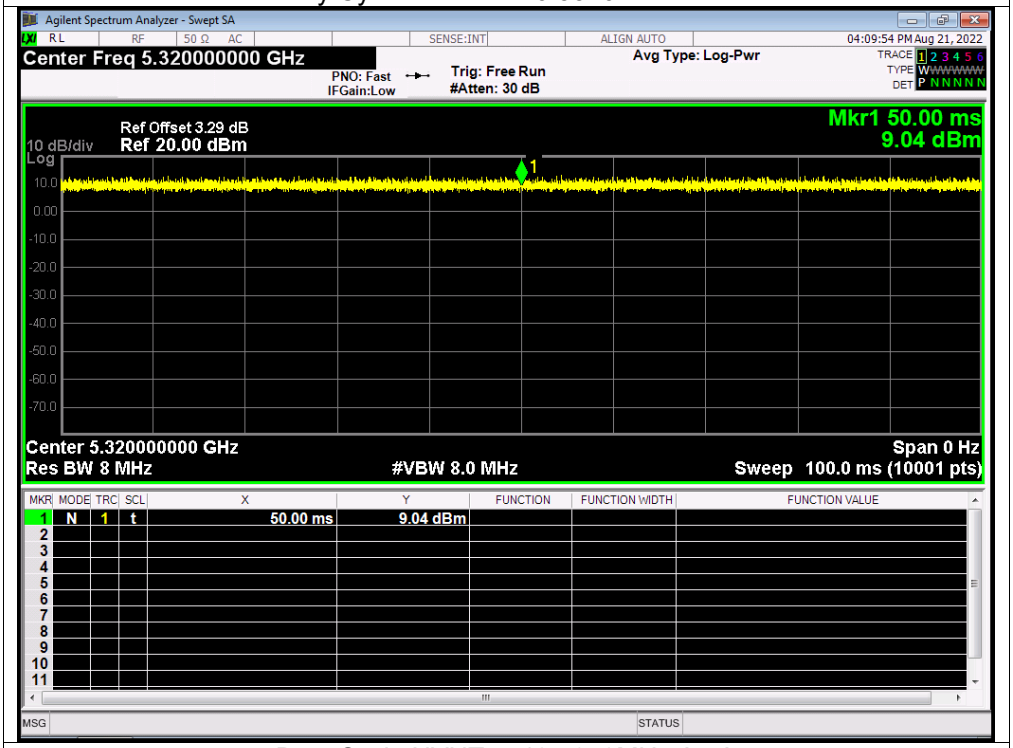
Duty Cycle NVNT ac20 5260MHz AntA



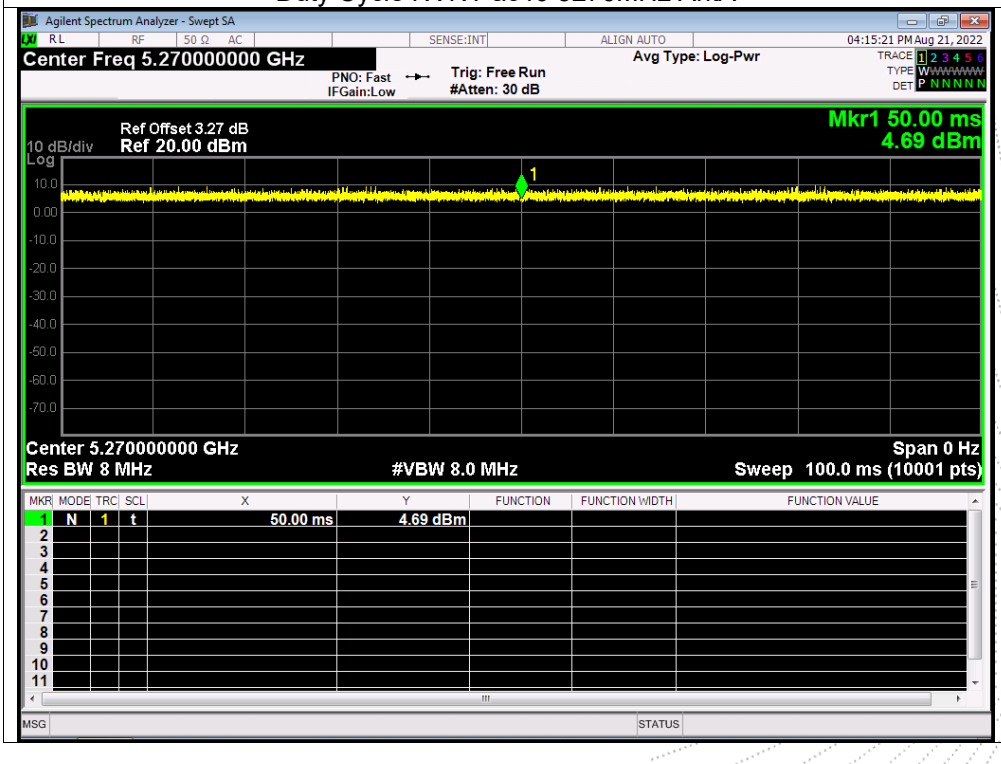
Duty Cycle NVNT ac20 5280MHz AntA



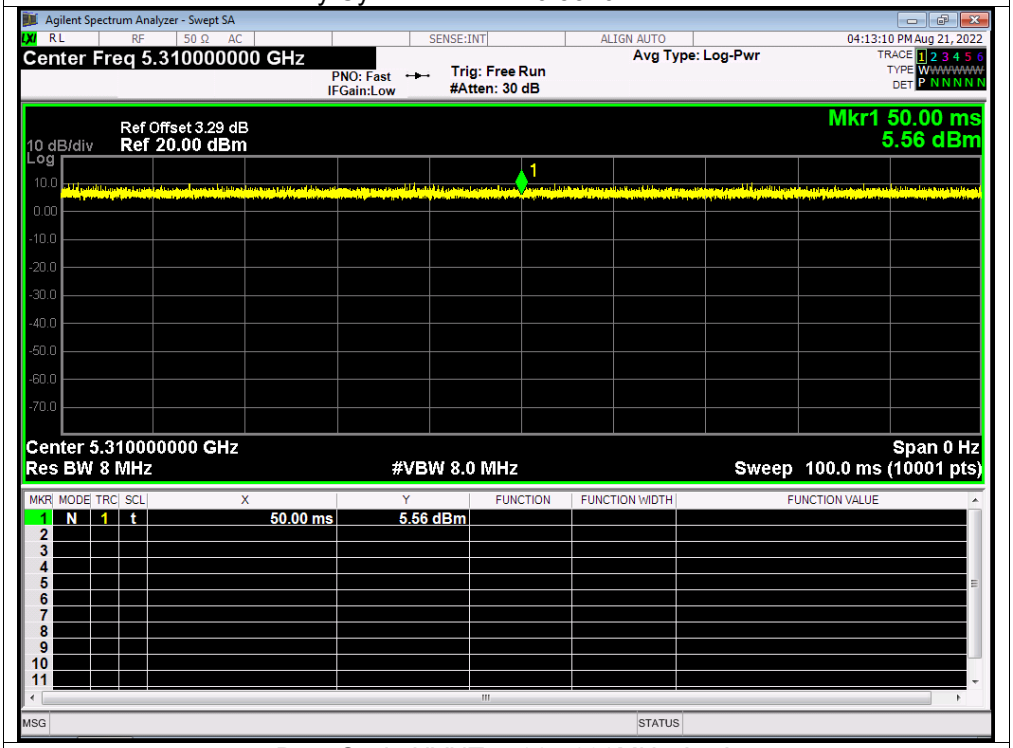
Duty Cycle NVNT ac20 5320MHz AntA



Duty Cycle NVNT ac40 5270MHz AntA



Duty Cycle NVNT ac40 5310MHz AntA



Duty Cycle NVNT ac80 5290MHz AntA