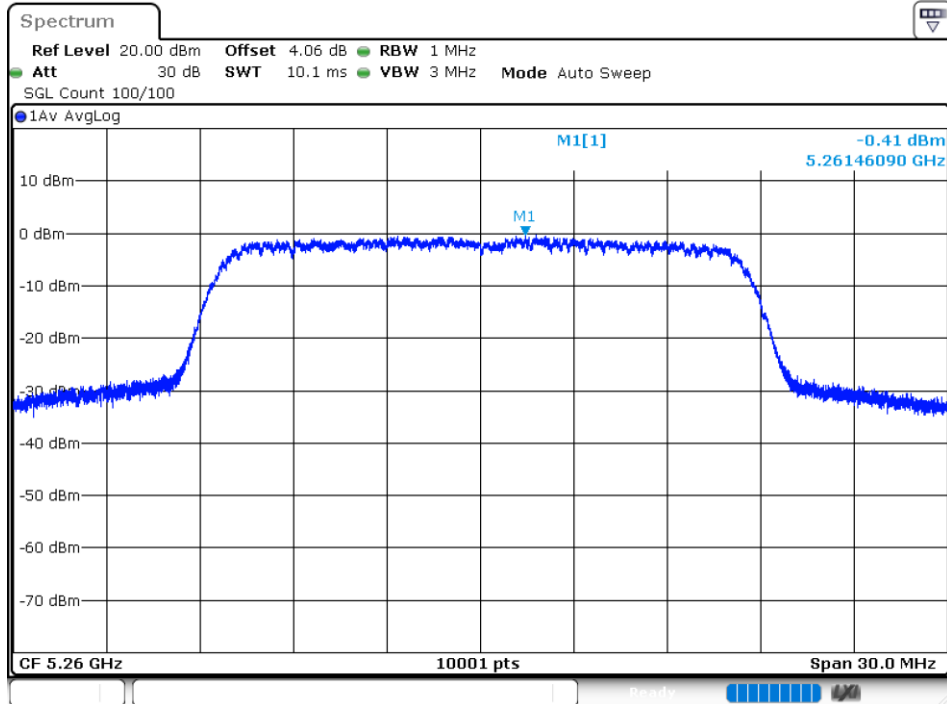


Maximum Power Spectral Density Level

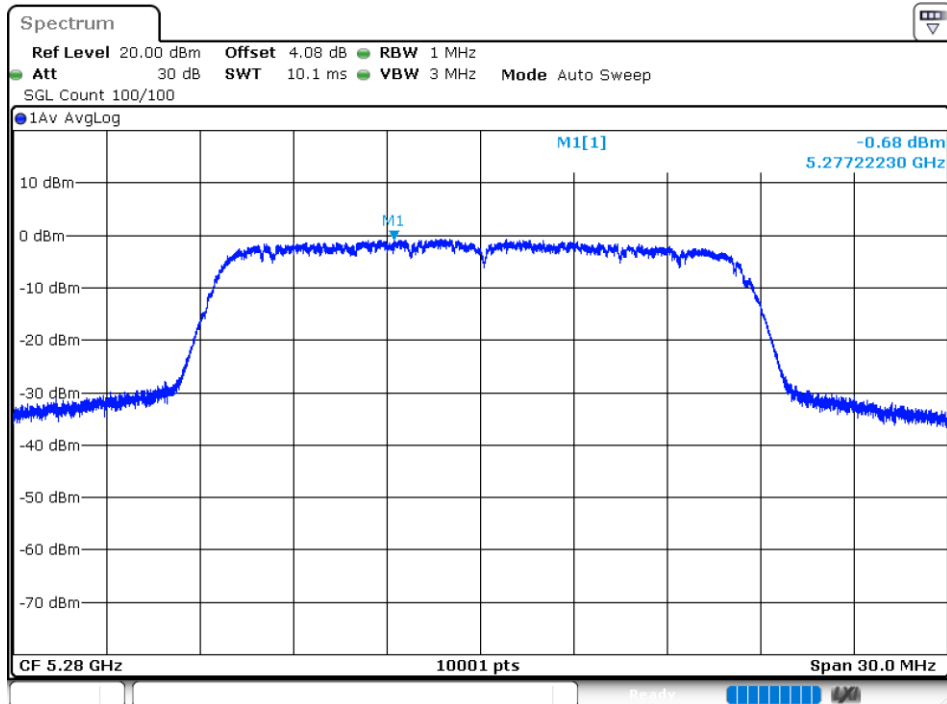
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-0.41	0.02	-0.39	11	Pass
NVNT	a	5280	Ant1	-0.68	0.02	-0.66	11	Pass
NVNT	a	5320	Ant1	-2.83	0.02	-2.81	11	Pass
NVNT	n20	5260	Ant1	-0.87	0.02	-0.85	11	Pass
NVNT	n20	5280	Ant1	-1.16	0.02	-1.14	11	Pass
NVNT	n20	5320	Ant1	-2.95	0.02	-2.93	11	Pass
NVNT	n40	5270	Ant1	-4.64	0.17	-4.47	11	Pass
NVNT	n40	5310	Ant1	-6.02	0.05	-5.97	11	Pass
NVNT	ac20	5260	Ant1	-0.79	0.02	-0.77	11	Pass
NVNT	ac20	5280	Ant1	-1.23	0.02	-1.21	11	Pass
NVNT	ac20	5320	Ant1	-3.13	0.02	-3.11	11	Pass
NVNT	ac40	5270	Ant1	-4.98	0.05	-4.93	11	Pass
NVNT	ac40	5310	Ant1	-6.07	0.05	-6.02	11	Pass
NVNT	ax20	5260	Ant1	-1.3	0.03	-1.27	11	Pass
NVNT	ax20	5280	Ant1	-1.45	0.03	-1.42	11	Pass
NVNT	ax20	5320	Ant1	-3.58	0.03	-3.55	11	Pass
NVNT	ax40	5270	Ant1	-5.15	0.2	-4.95	11	Pass
NVNT	ax40	5310	Ant1	-7.87	0.2	-7.67	11	Pass

Test Graphs

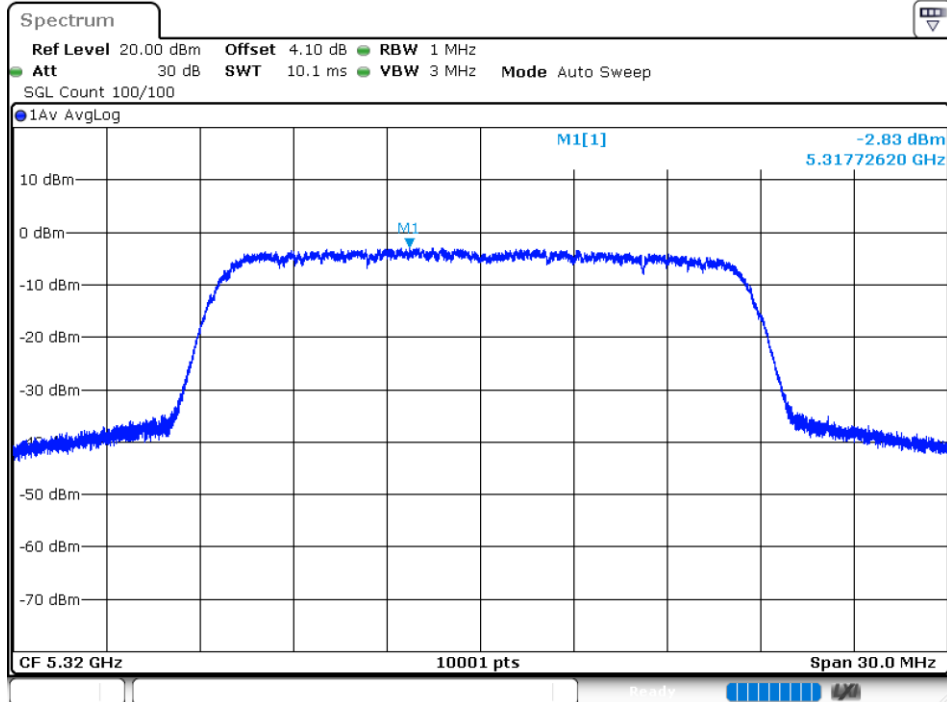
PSD NVNT a 5260MHz Ant1



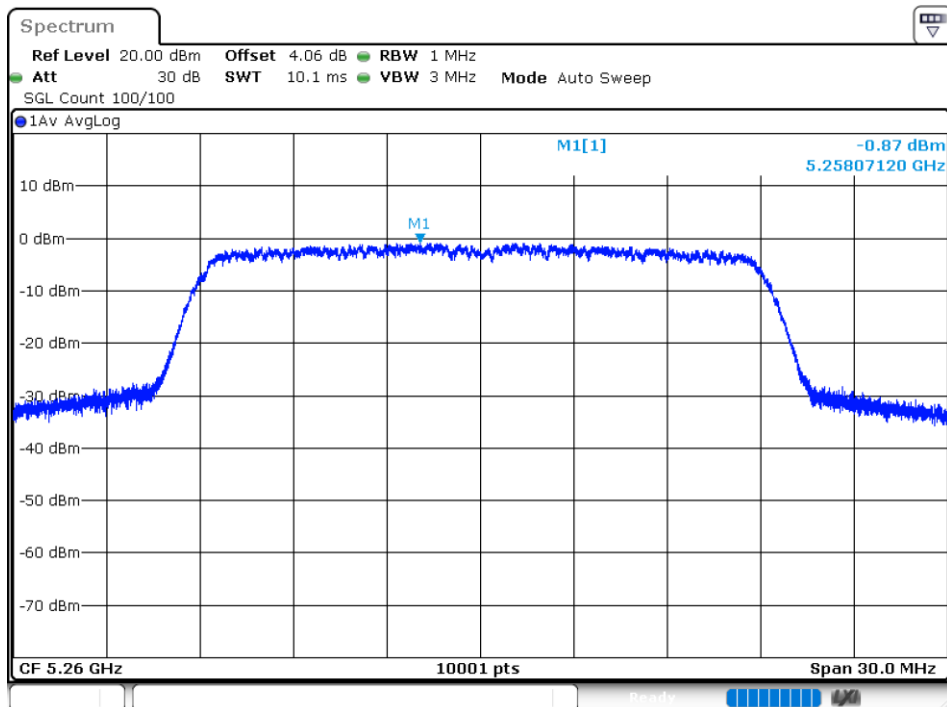
PSD NVNT a 5280MHz Ant1



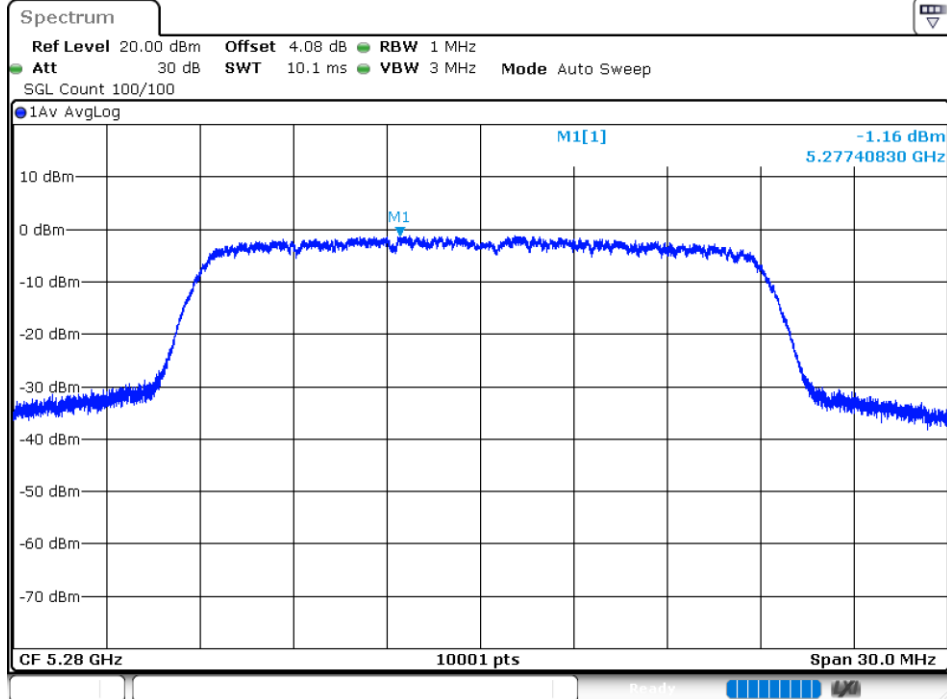
PSD NVNT a 5320MHz Ant1



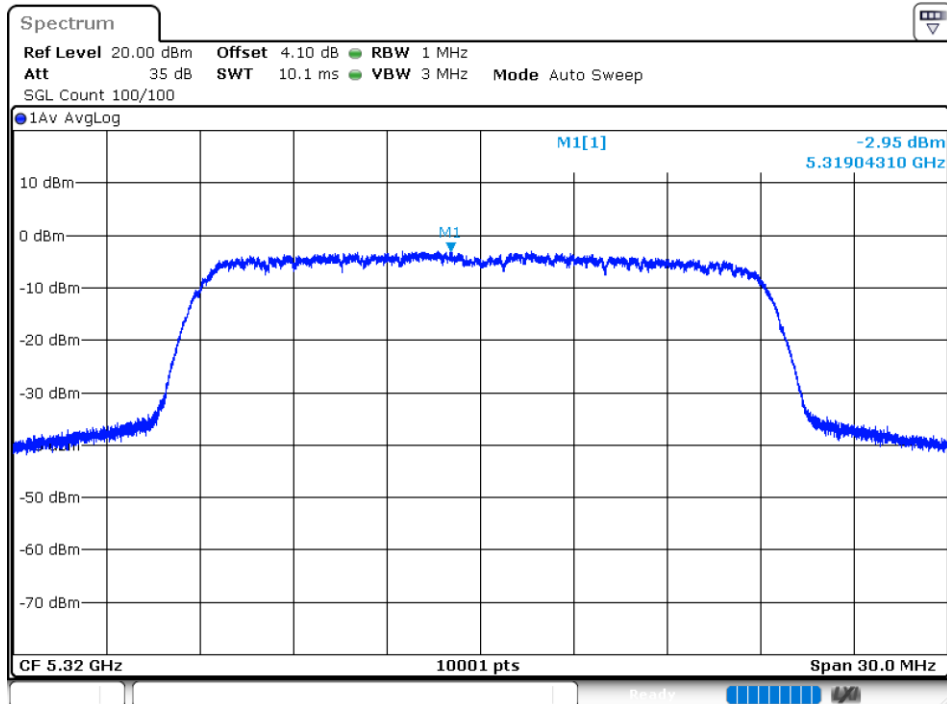
PSD NVNT n20 5260MHz Ant1



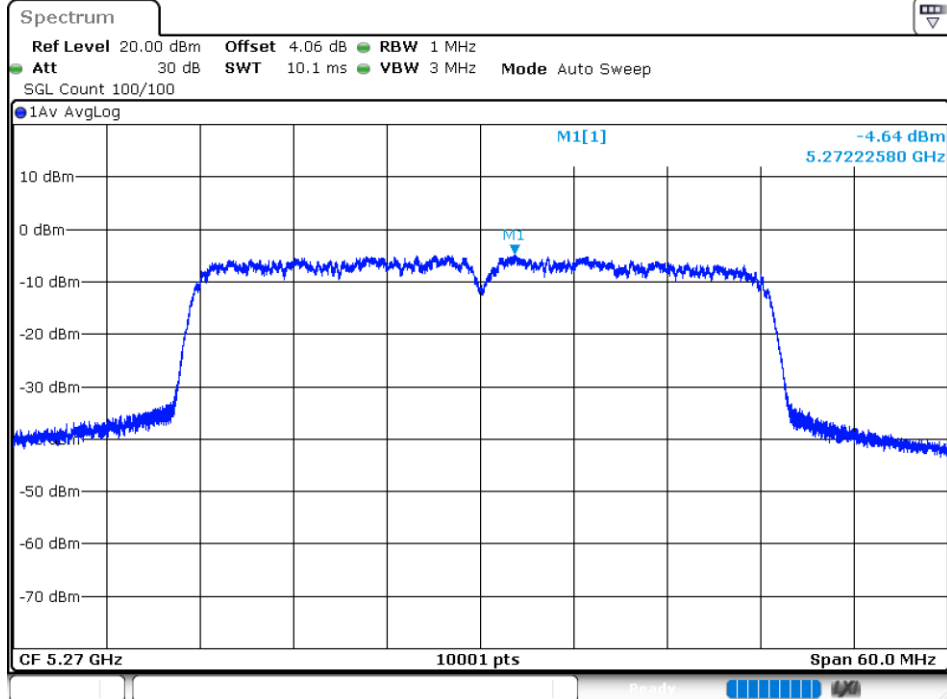
PSD NVNT n20 5280MHz Ant1



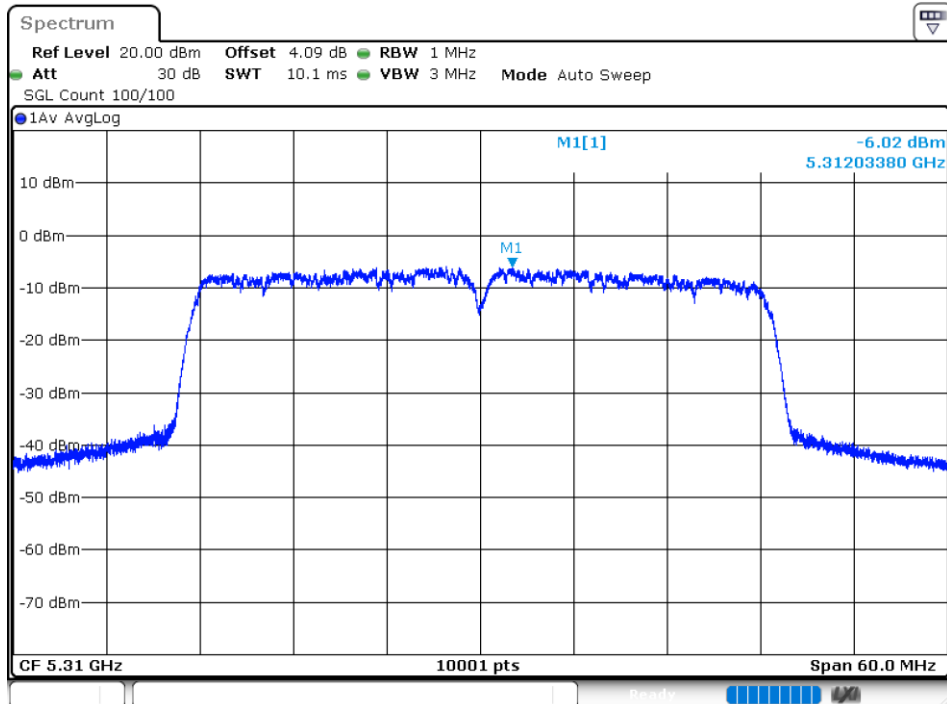
PSD NVNT n20 5320MHz Ant1



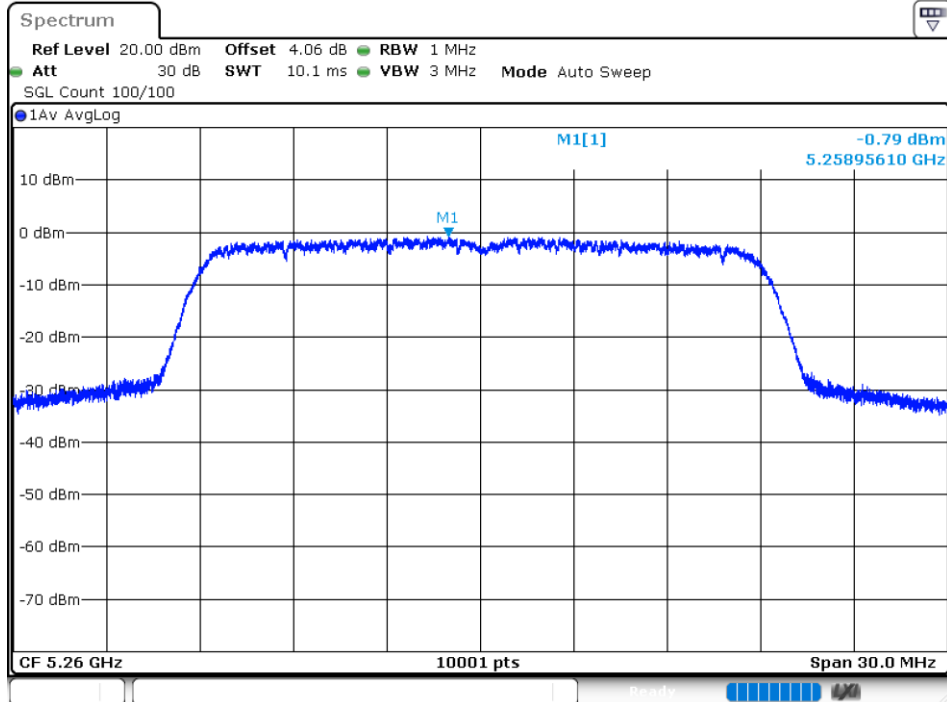
PSD NVNT n40 5270MHz Ant1



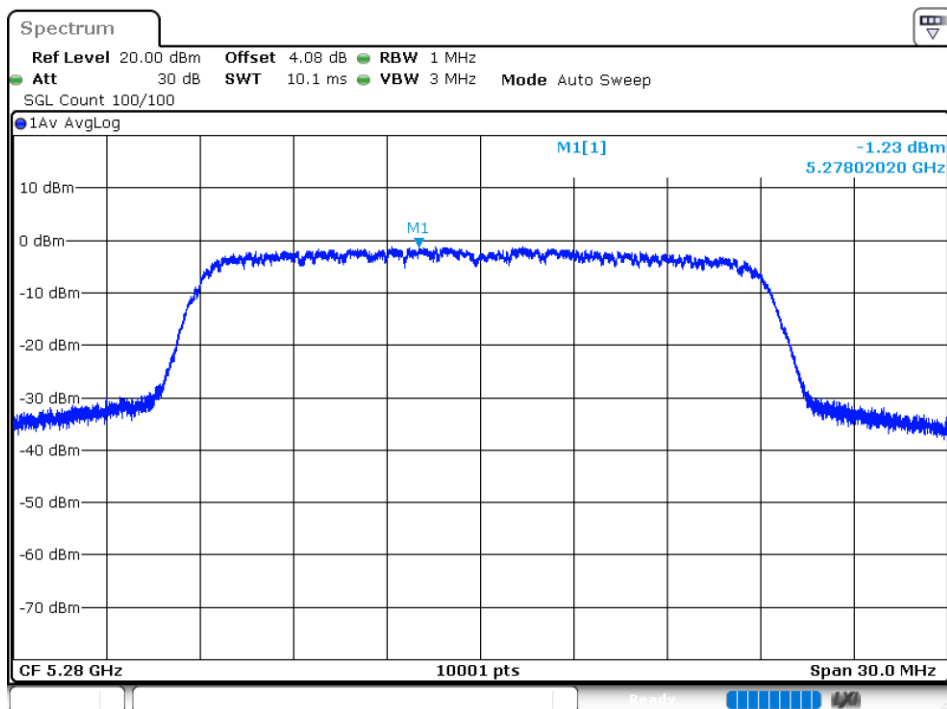
PSD NVNT n40 5310MHz Ant1



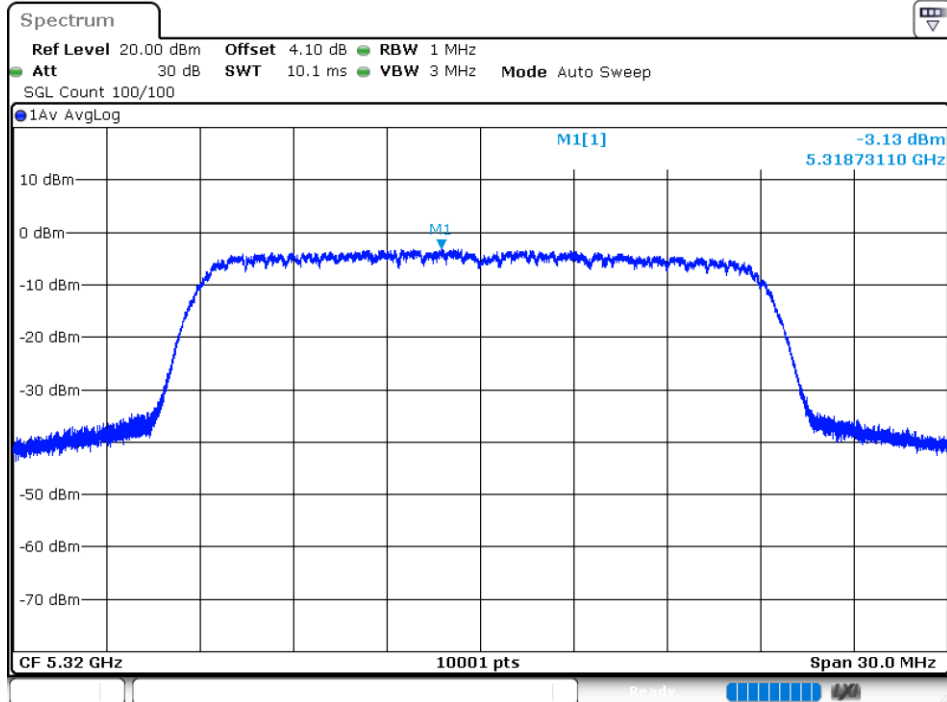
PSD NVNT ac20 5260MHz Ant1



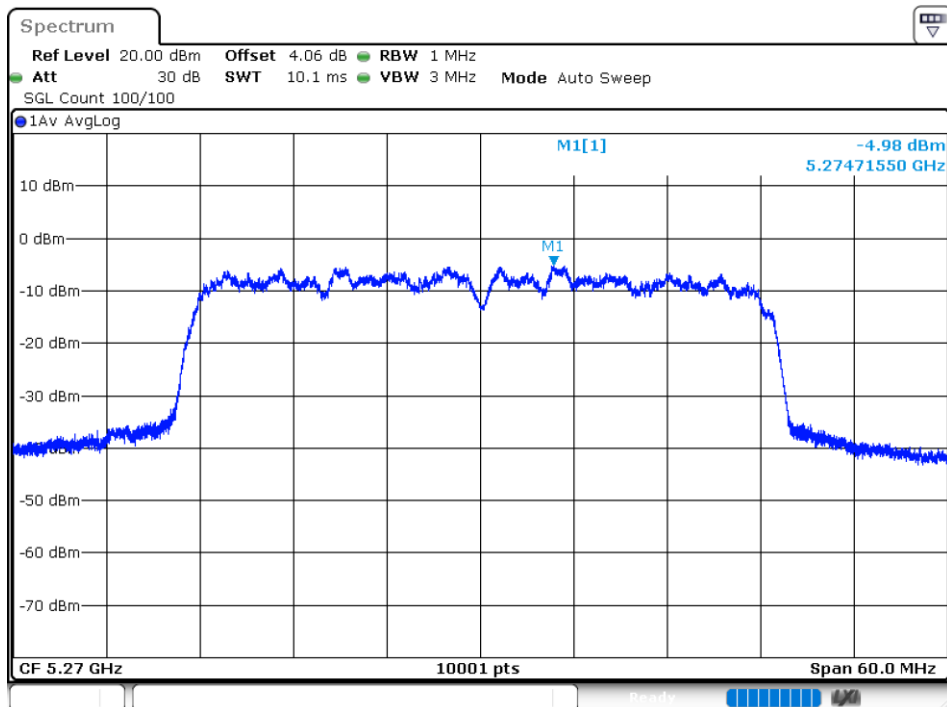
PSD NVNT ac20 5280MHz Ant1



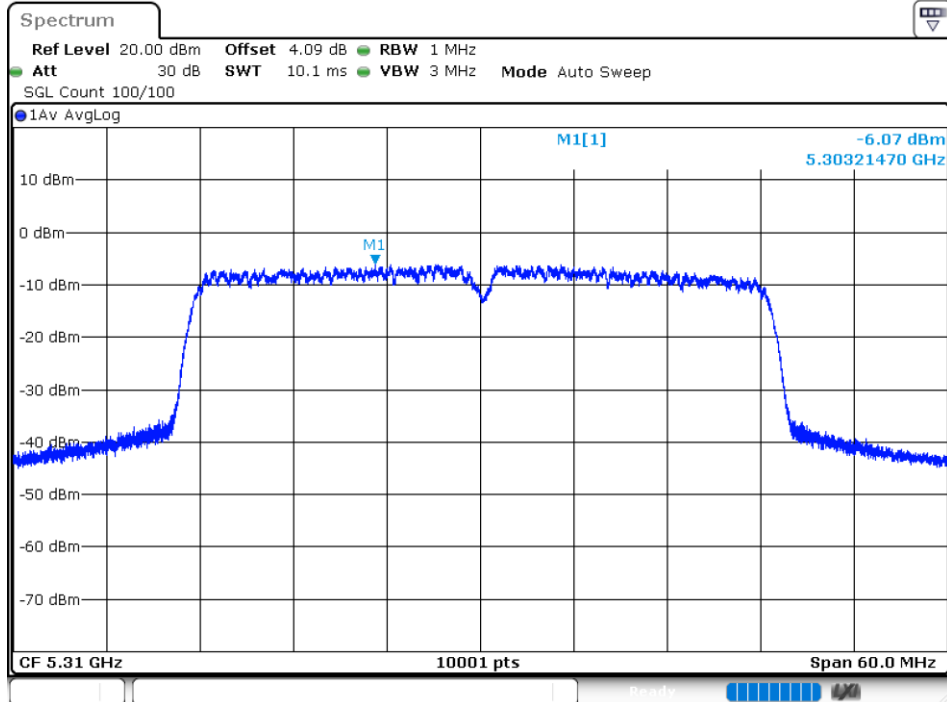
PSD NVNT ac20 5320MHz Ant1



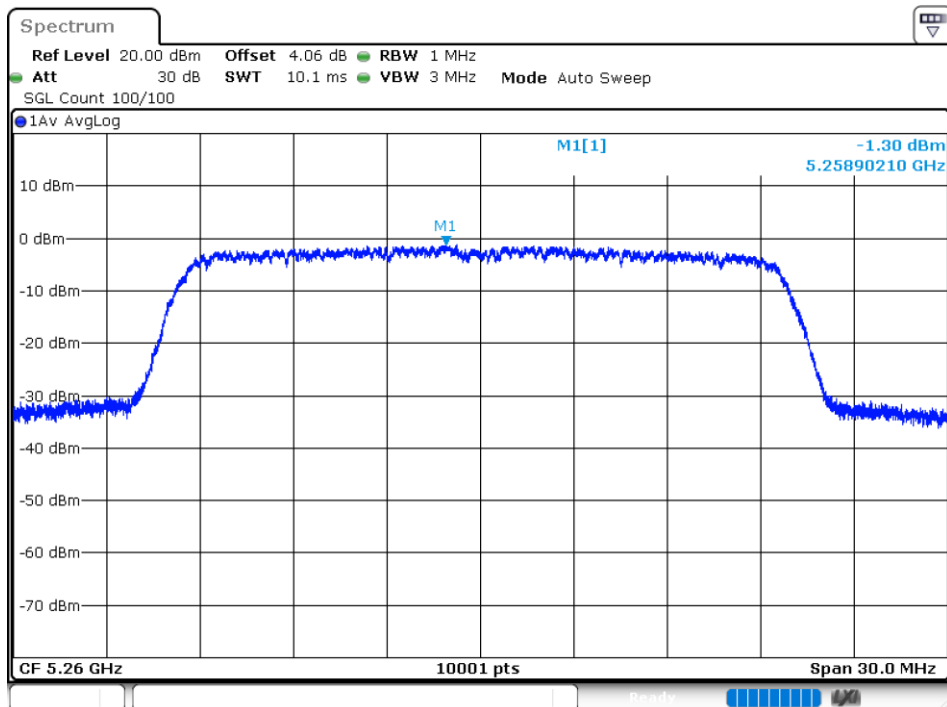
PSD NVNT ac40 5270MHz Ant1



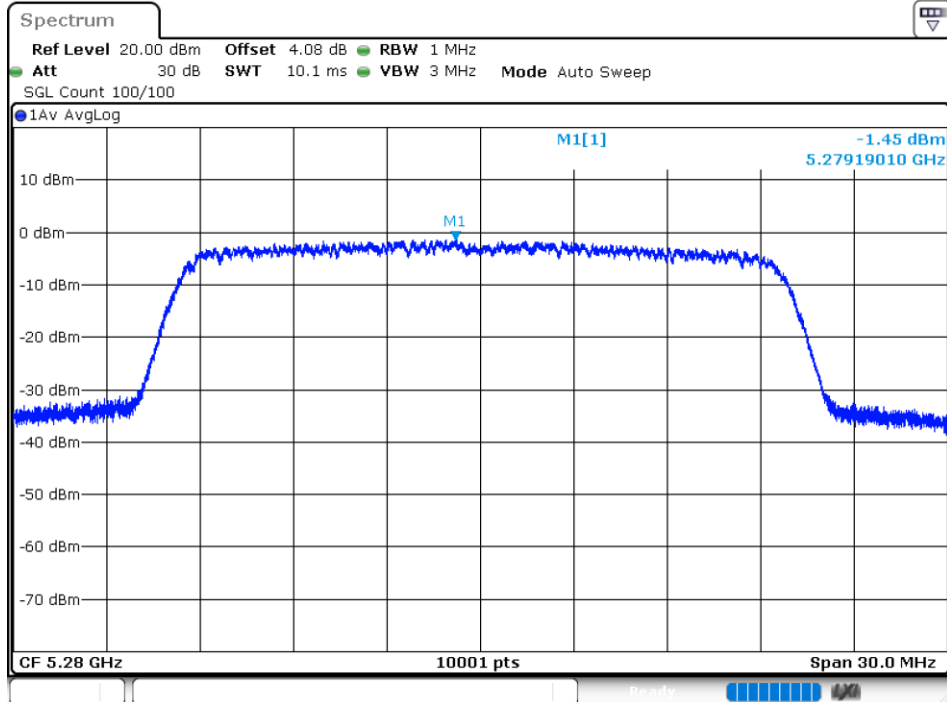
PSD NVNT ac40 5310MHz Ant1



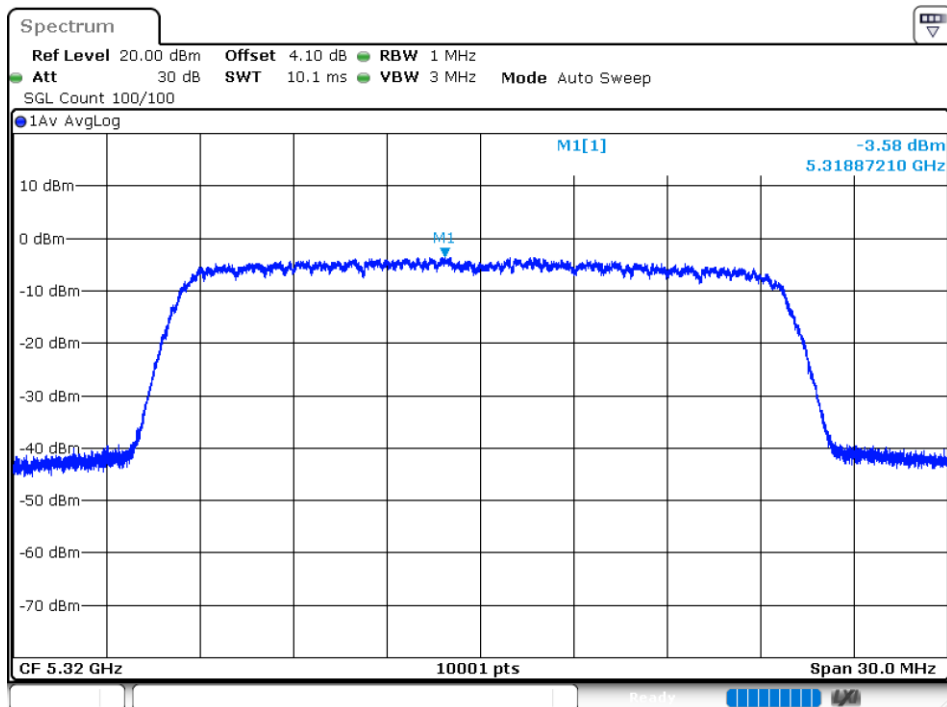
PSD NVNT ax20 5260MHz Ant1



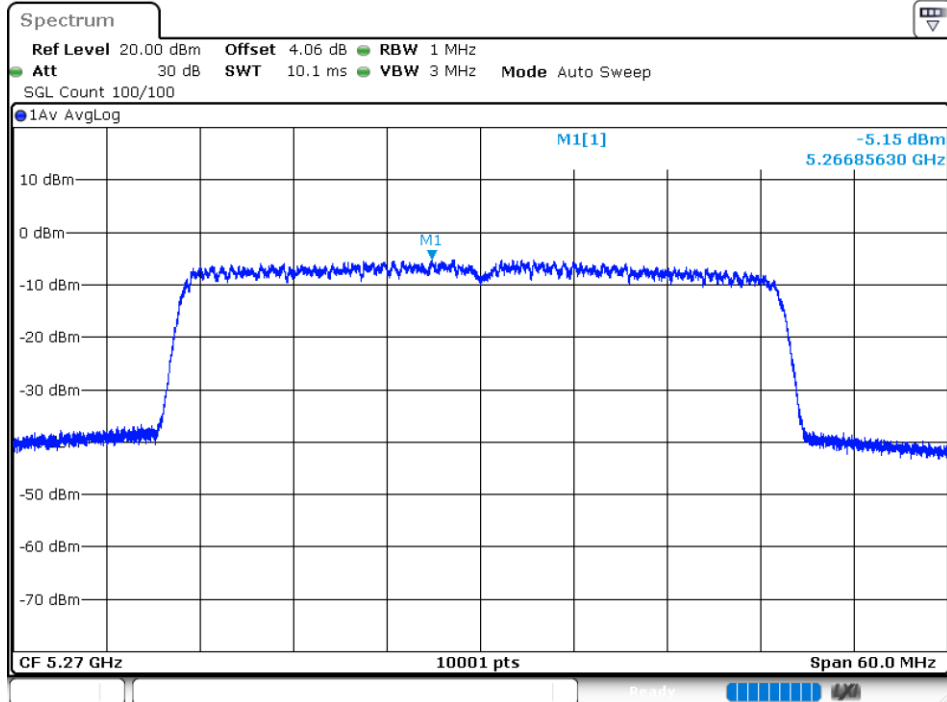
PSD NVNT ax20 5280MHz Ant1



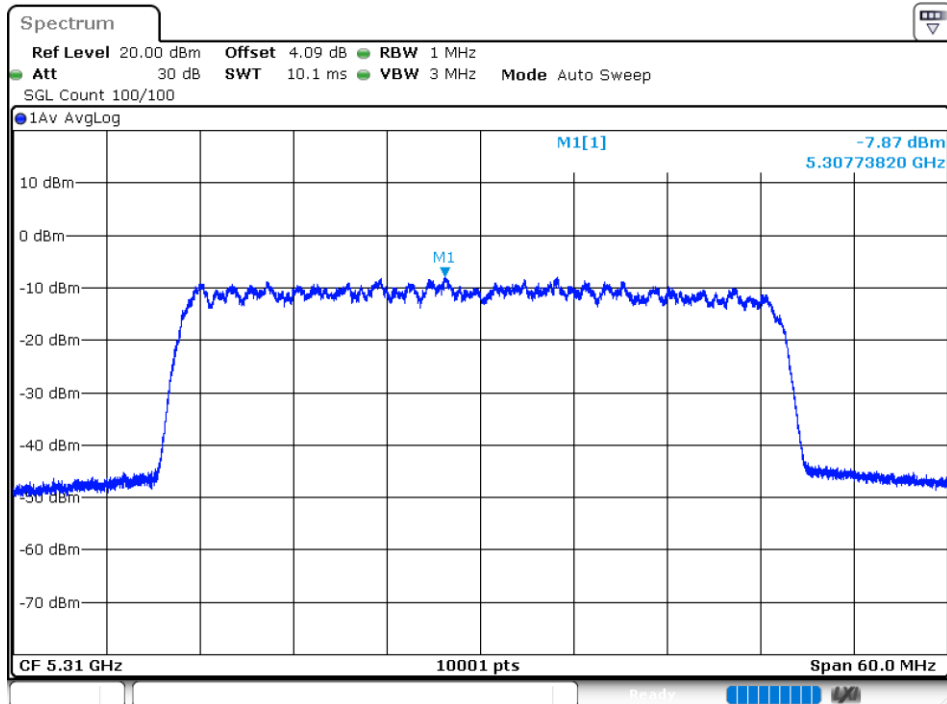
PSD NVNT ax20 5320MHz Ant1



PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	-41.74	-27	Pass
NVNT	a	5320	Ant1	-29.11	-27	Pass
NVNT	n20	5260	Ant1	-41.32	-27	Pass
NVNT	n20	5320	Ant1	-29.63	-27	Pass
NVNT	n40	5270	Ant1	-40.68	-27	Pass
NVNT	n40	5310	Ant1	-28.14	-27	Pass
NVNT	ac20	5260	Ant1	-40.79	-27	Pass
NVNT	ac20	5320	Ant1	-29.04	-27	Pass
NVNT	ac40	5270	Ant1	-41.44	-27	Pass
NVNT	ac40	5310	Ant1	-27	-27	Pass
NVNT	ax20	5260	Ant1	-42.15	-27	Pass
NVNT	ax20	5320	Ant1	-27.76	-27	Pass
NVNT	ax40	5270	Ant1	-40.81	-27	Pass
NVNT	ax40	5310	Ant1	-27.81	-27	Pass

Note: This test has increased antenna gain.

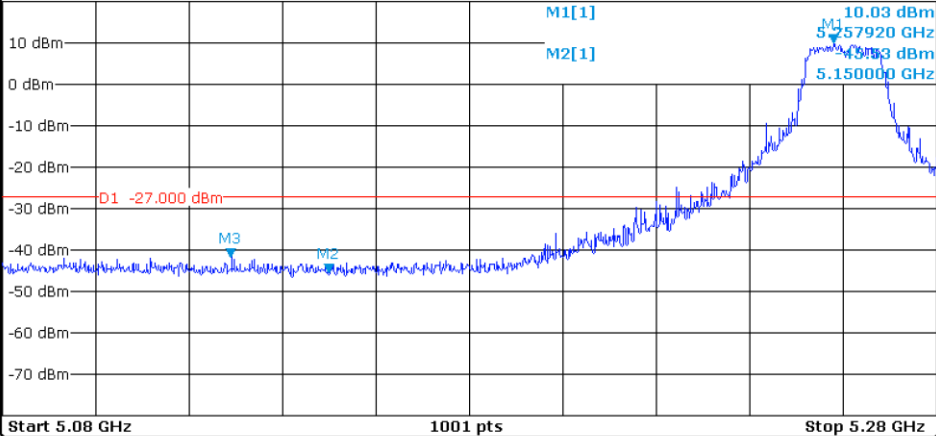
Test Graphs

Band Edge NVNT a 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.56 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



Marker

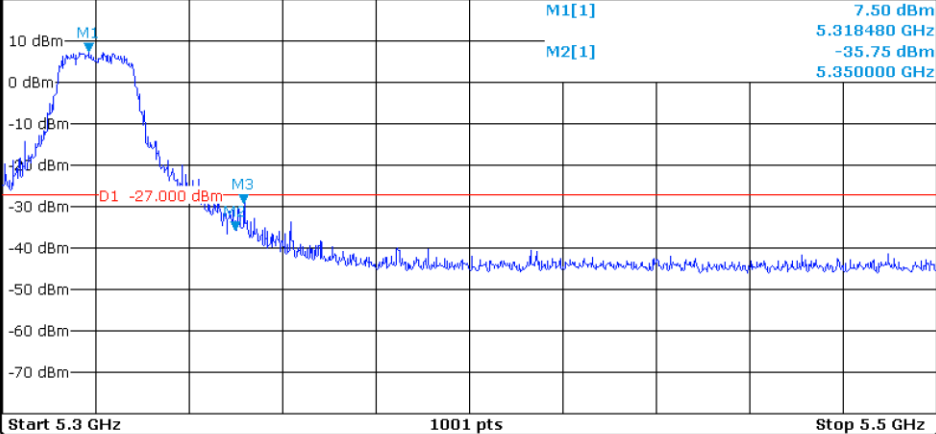
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.25792 GHz	10.03 dBm		
M2	1	1	5.15 GHz	-45.53 dBm		
M3	1	1	5.129 GHz	-41.74 dBm		

Band Edge NVNT a 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.60 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

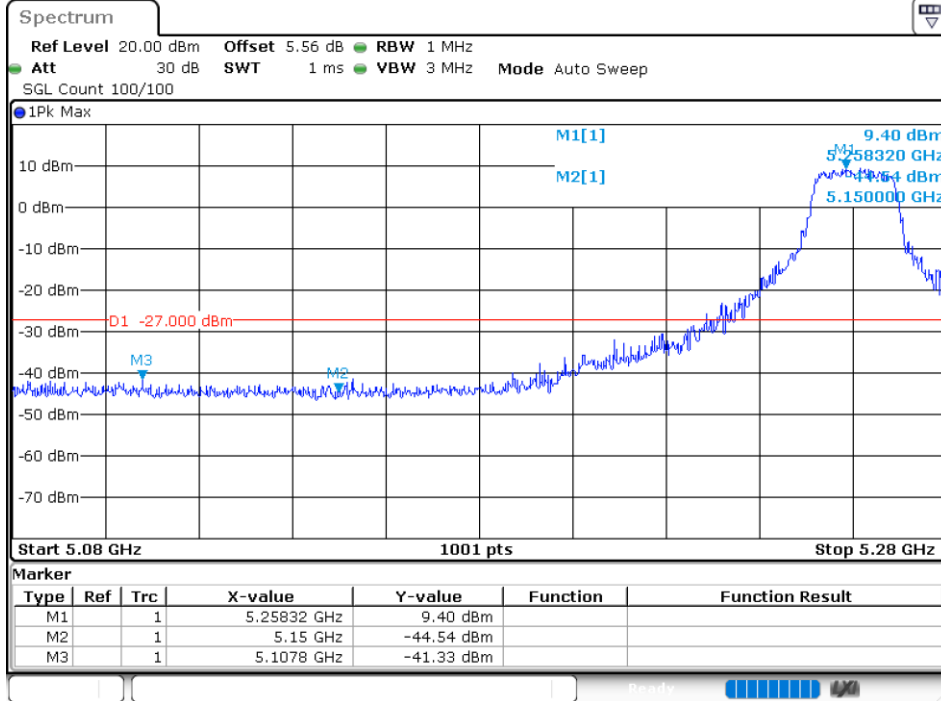
1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.31848 GHz	7.50 dBm		
M2	1	1	5.35 GHz	-35.75 dBm		
M3	1	1	5.3518 GHz	-29.11 dBm		

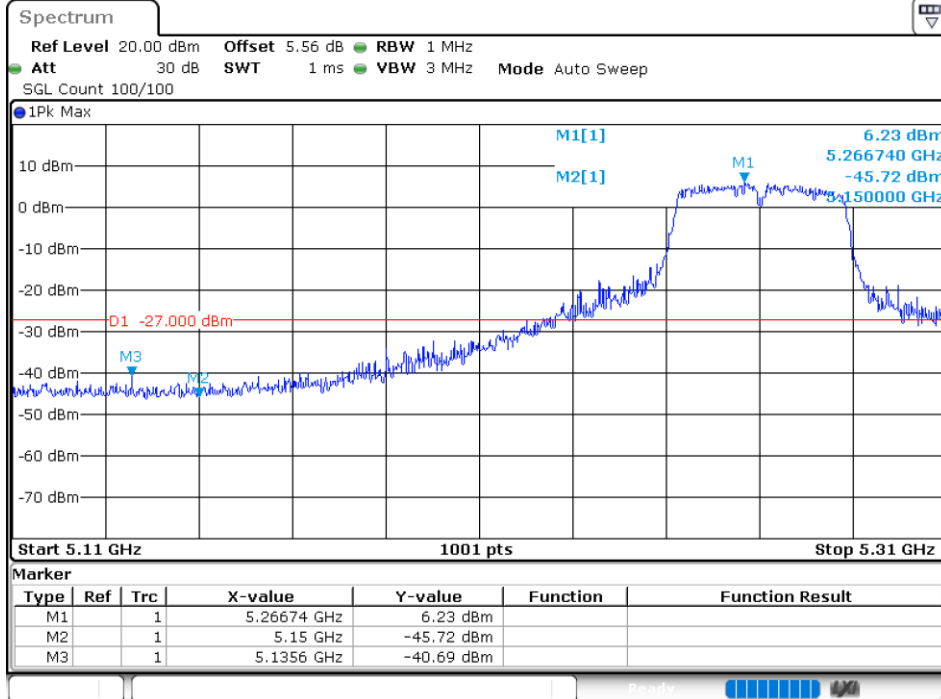
Band Edge NVNT n20 5260MHz Low Ant1



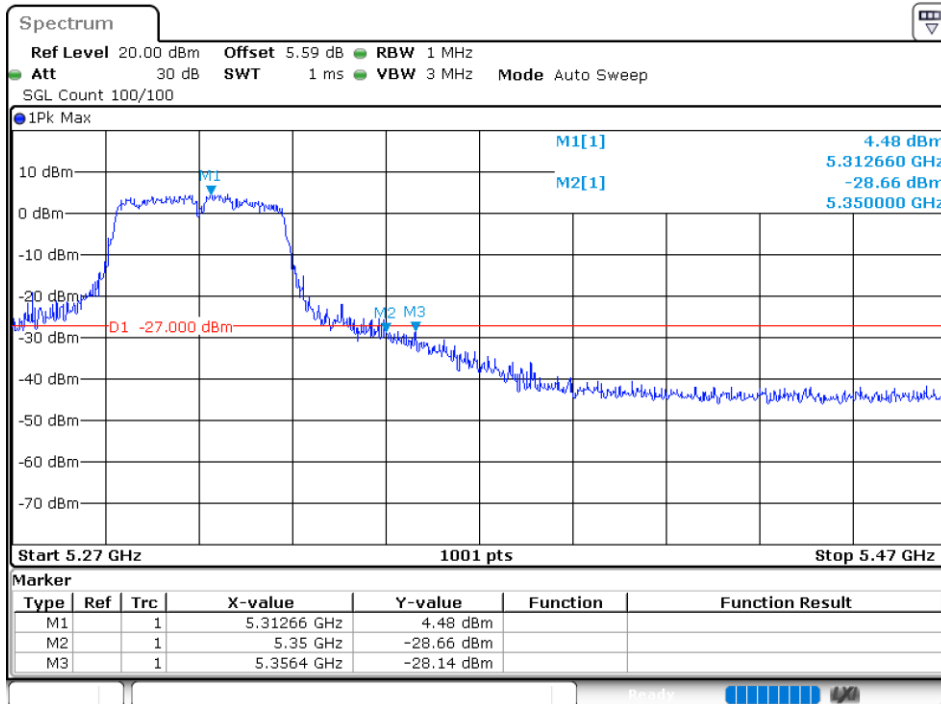
Band Edge NVNT n20 5320MHz High Ant1



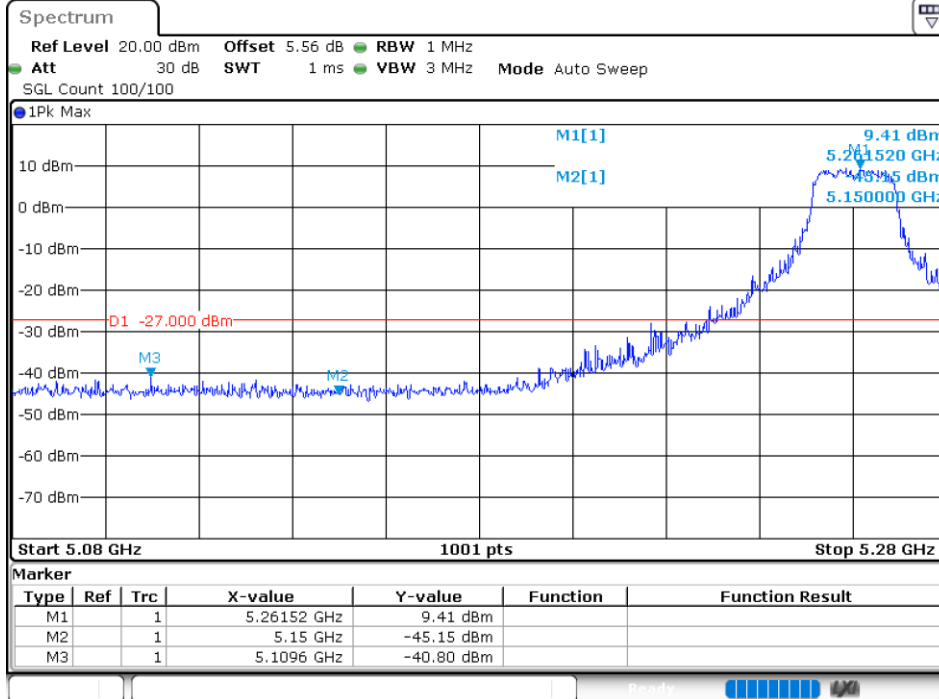
Band Edge NVNT n40 5270MHz Low Ant1



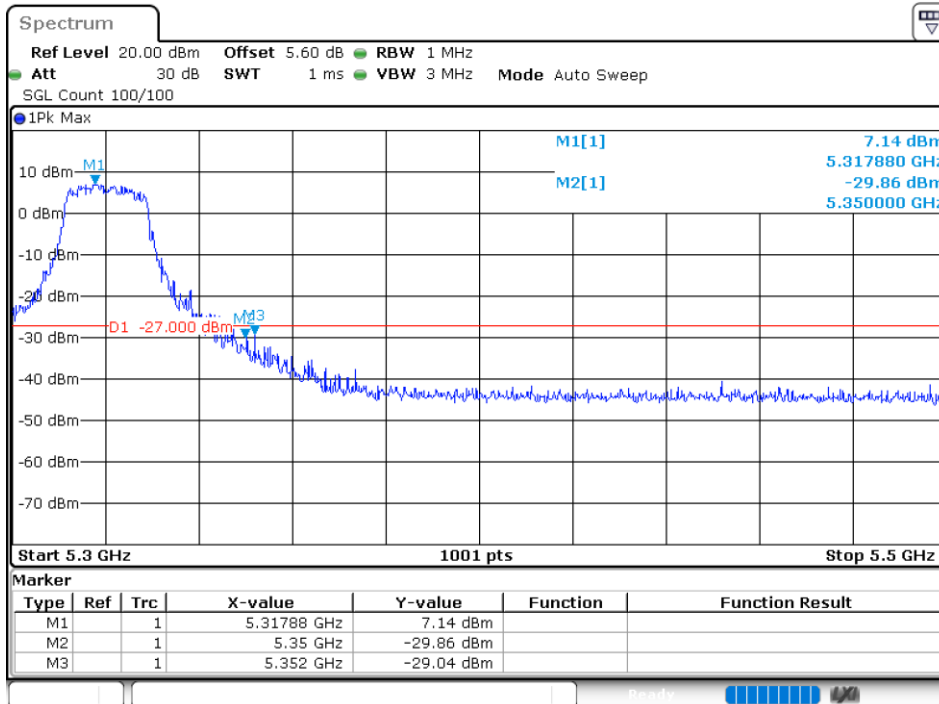
Band Edge NVNT n40 5310MHz High Ant1



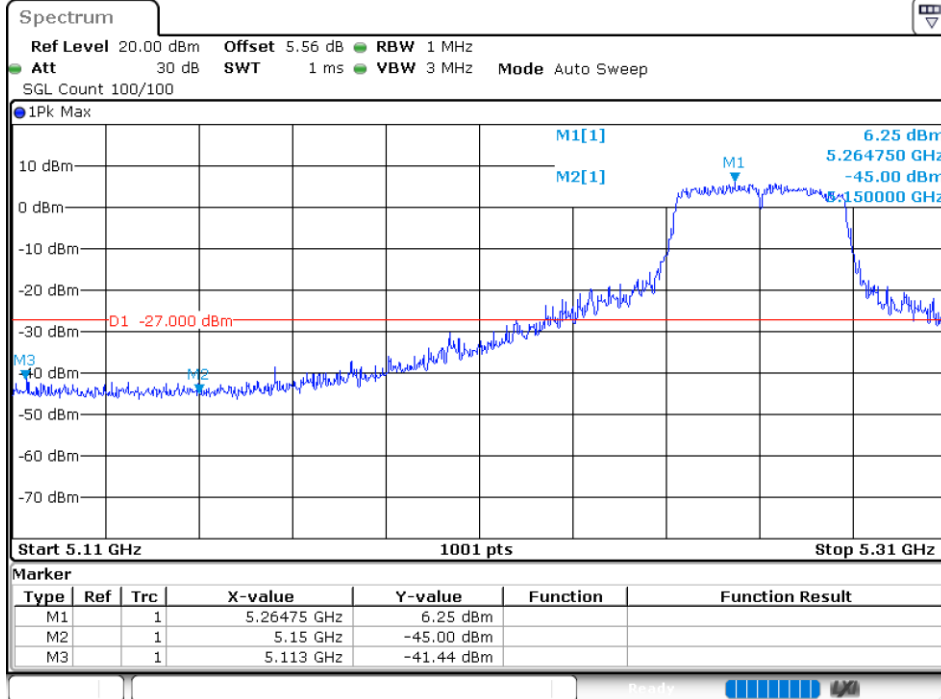
Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5320MHz High Ant1



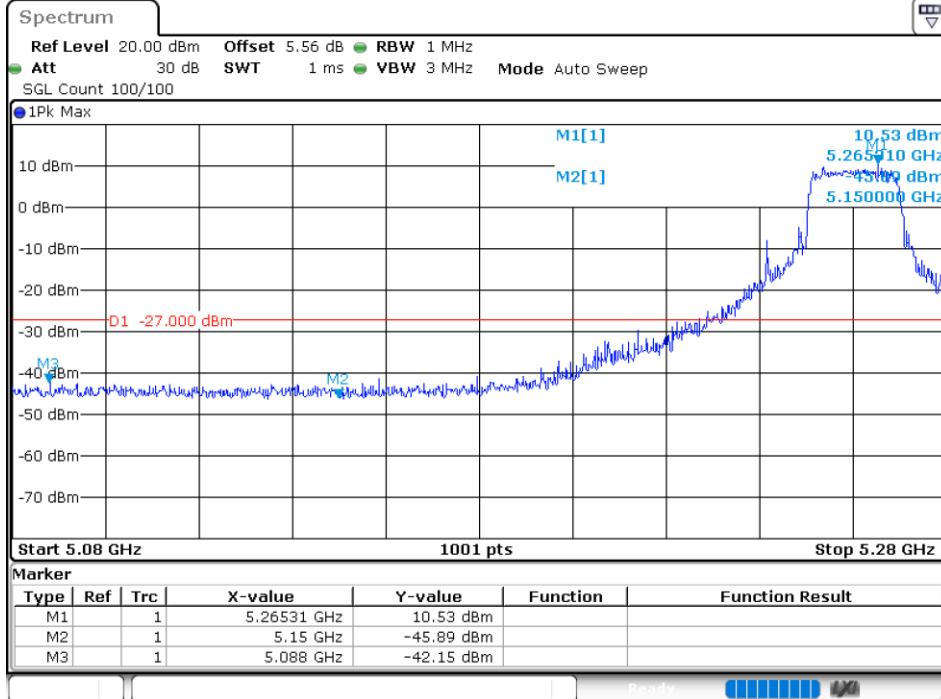
Band Edge NVNT ac40 5270MHz Low Ant1



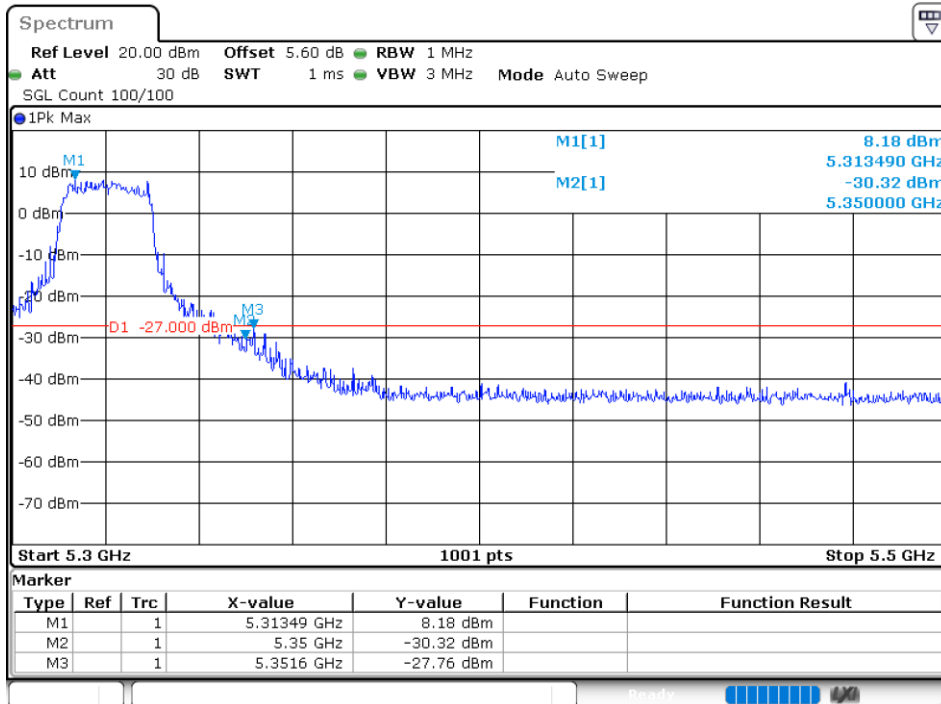
Band Edge NVNT ac40 5310MHz High Ant1



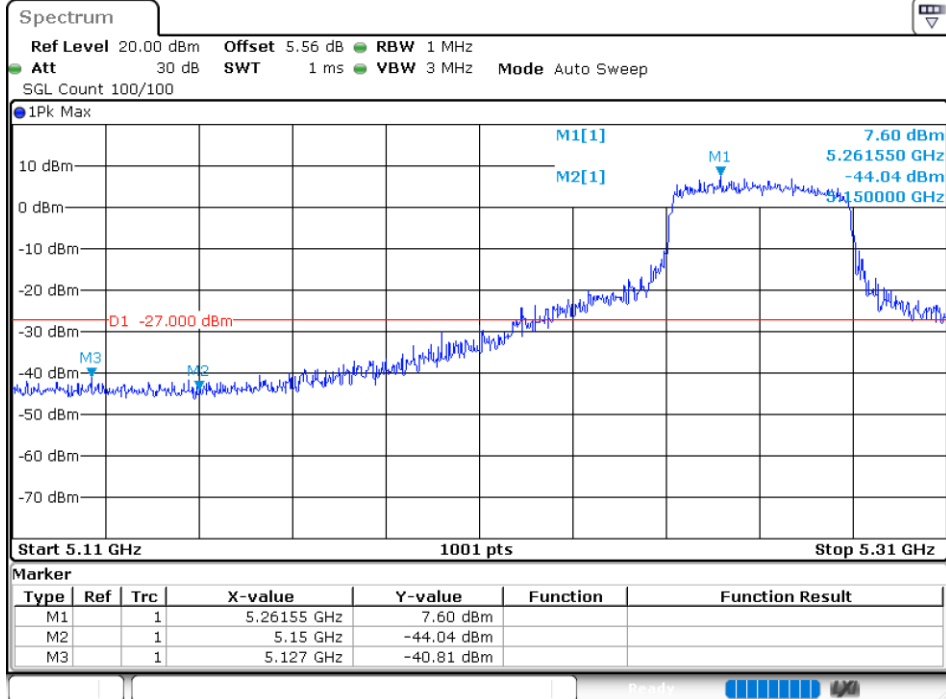
Band Edge NVNT ax20 5260MHz Low Ant1



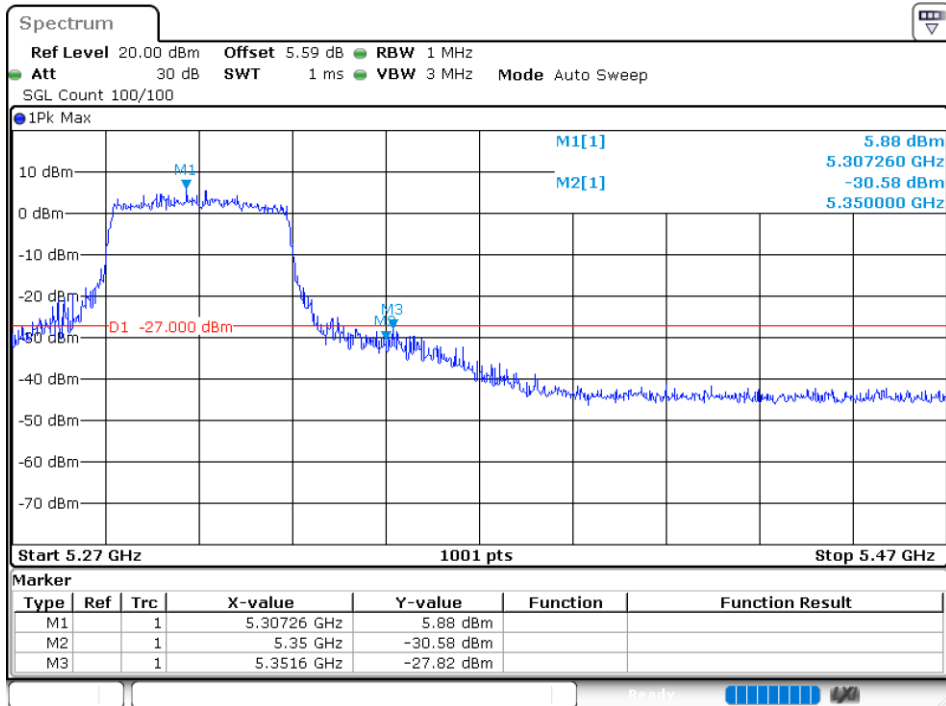
Band Edge NVNT ax20 5320MHz High Ant1



Band Edge NVNT ax40 5270MHz Low Ant1



Band Edge NVNT ax40 5310MHz High Ant1



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	-32.52	-27	Pass
NVNT	a	5280	Ant1	-33.29	-27	Pass
NVNT	a	5320	Ant1	-32.55	-27	Pass
NVNT	n20	5260	Ant1	-32.5	-27	Pass
NVNT	n20	5280	Ant1	-32.27	-27	Pass
NVNT	n20	5320	Ant1	-32.33	-27	Pass
NVNT	n40	5270	Ant1	-32.98	-27	Pass
NVNT	n40	5310	Ant1	-32.36	-27	Pass
NVNT	ac20	5260	Ant1	-32.85	-27	Pass
NVNT	ac20	5280	Ant1	-33.09	-27	Pass
NVNT	ac20	5320	Ant1	-33.05	-27	Pass
NVNT	ac40	5270	Ant1	-32.97	-27	Pass
NVNT	ac40	5310	Ant1	-32.96	-27	Pass
NVNT	ax20	5260	Ant1	-32.38	-27	Pass
NVNT	ax20	5280	Ant1	-32.51	-27	Pass
NVNT	ax20	5320	Ant1	-32.88	-27	Pass
NVNT	ax40	5270	Ant1	-33.1	-27	Pass
NVNT	ax40	5310	Ant1	-32.4	-27	Pass

Note: This test has increased antenna gain.

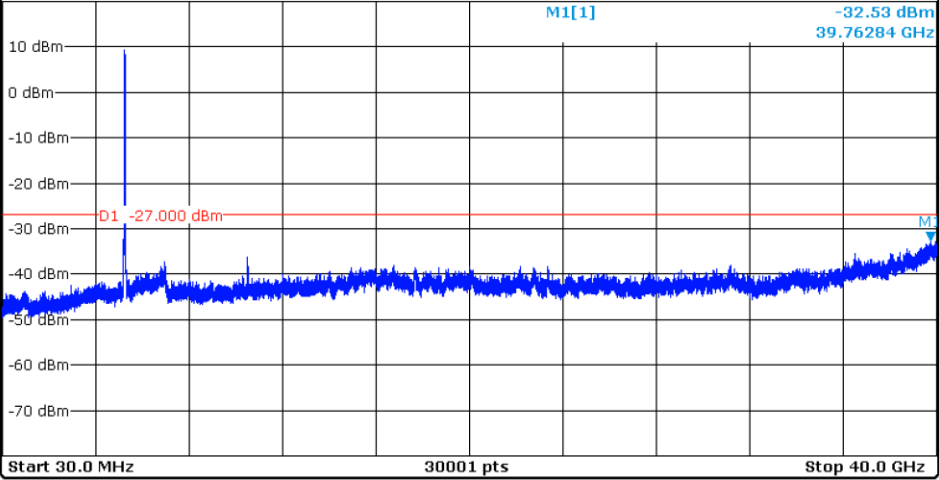
Test Graphs

Tx. Spurious NVNT a 5260MHz Ant1 Emission

Spectrum

Ref Level 20.00 dBm Offset 5.56 dB RBW 1 MHz
 Att 30 dB SWT 160 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 30/30

1Pk Max



Marker

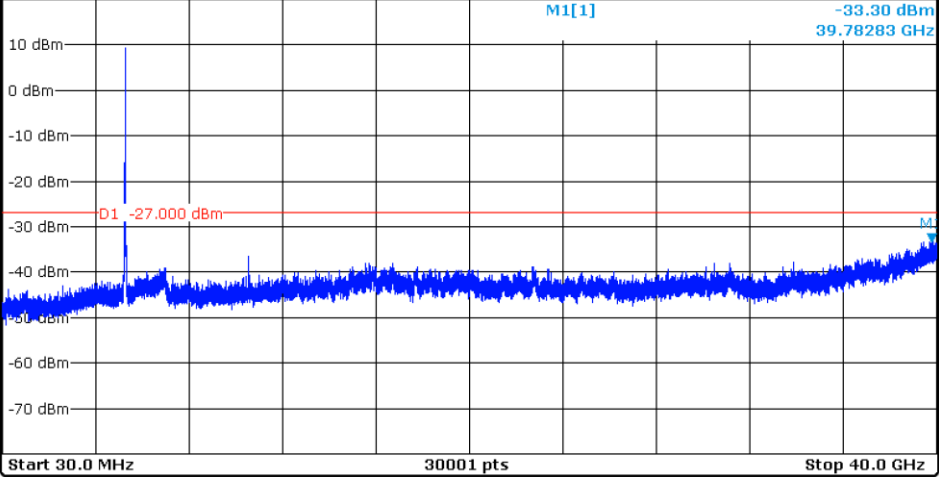
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	39.76284 GHz	-32.53 dBm		

Tx. Spurious NVNT a 5280MHz Ant1 Emission

Spectrum

Ref Level 20.00 dBm Offset 5.58 dB RBW 1 MHz
 Att 30 dB SWT 160 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 10/10

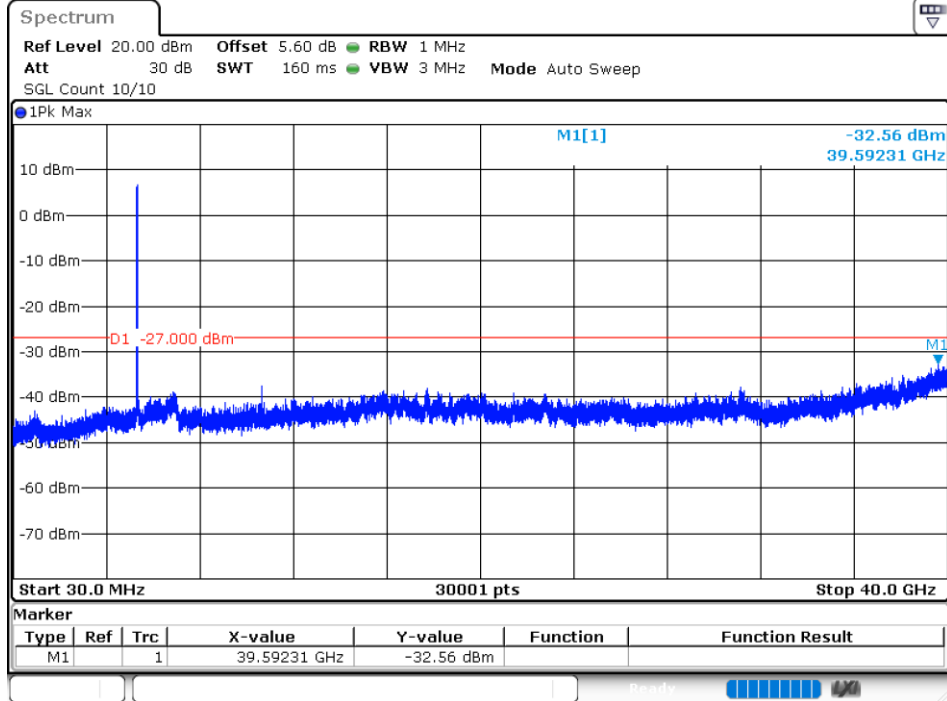
1Pk Max



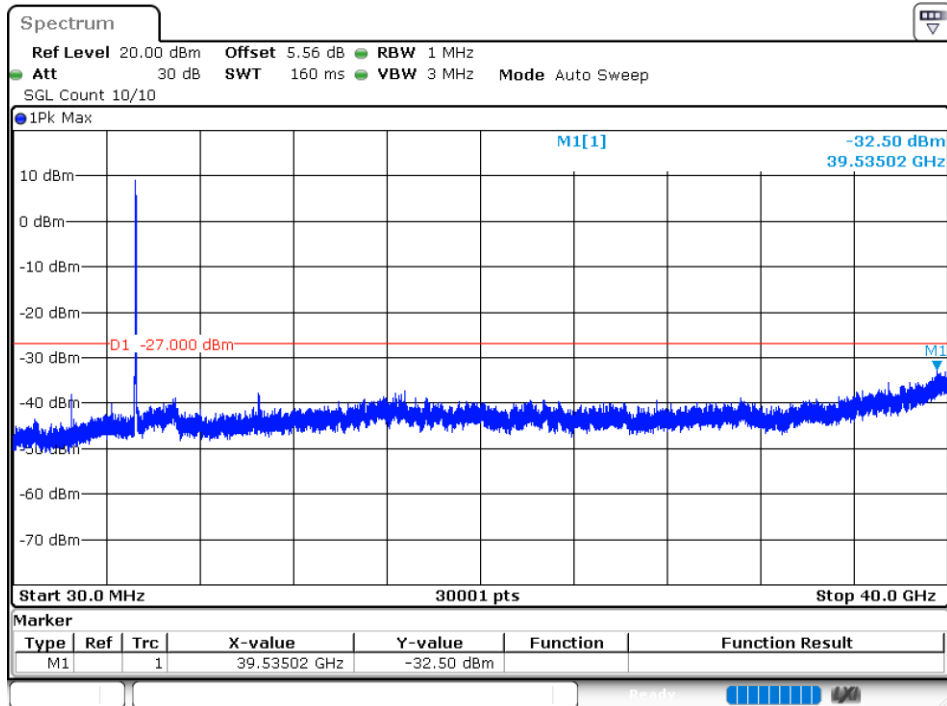
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	39.78283 GHz	-33.30 dBm		

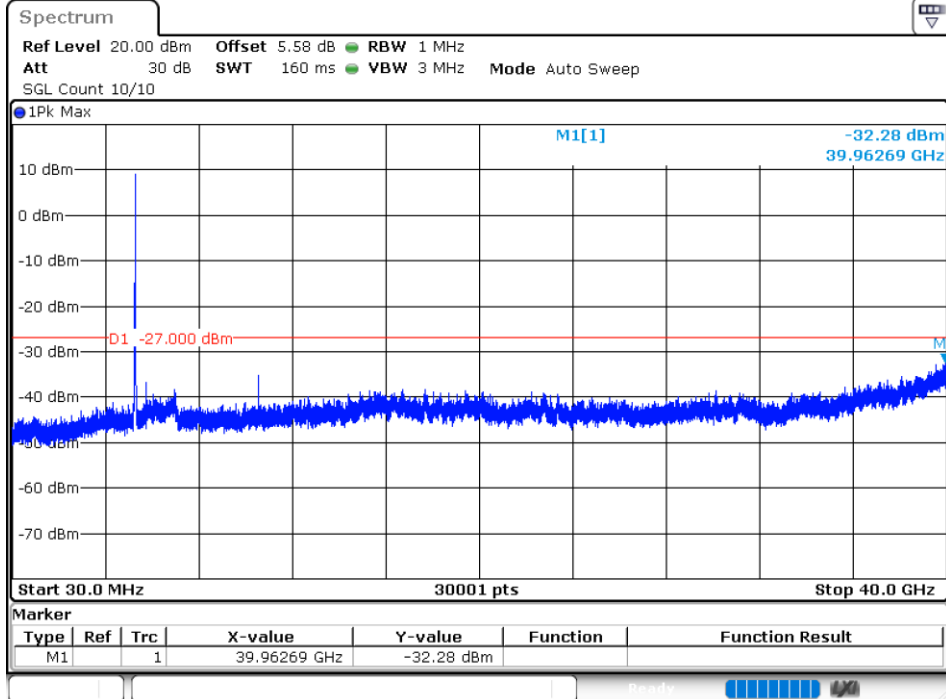
Tx. Spurious NVNT a 5320MHz Ant1 Emission



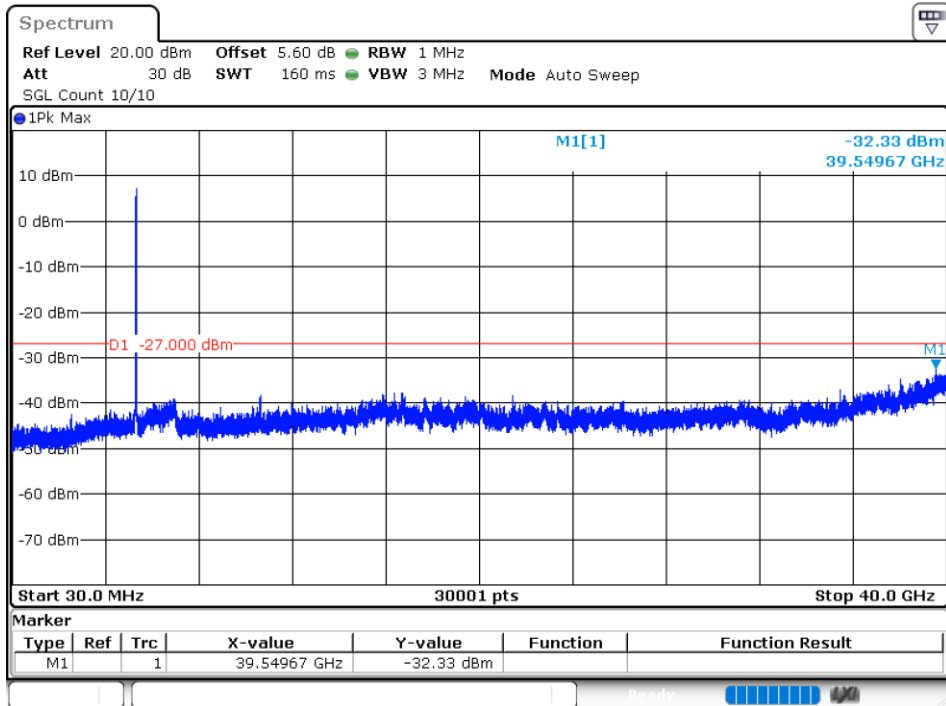
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



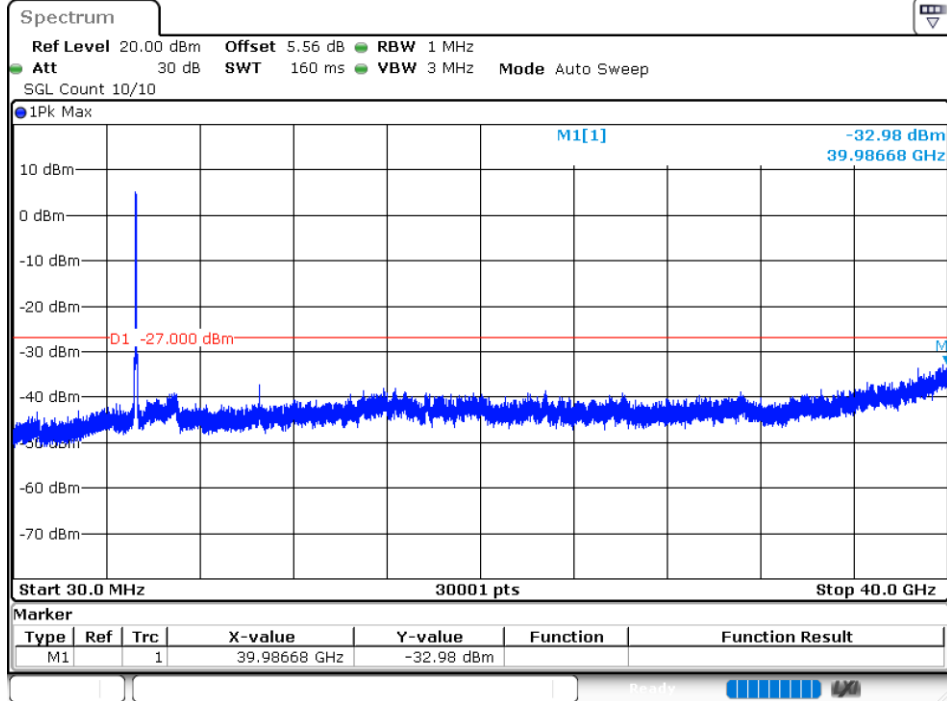
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



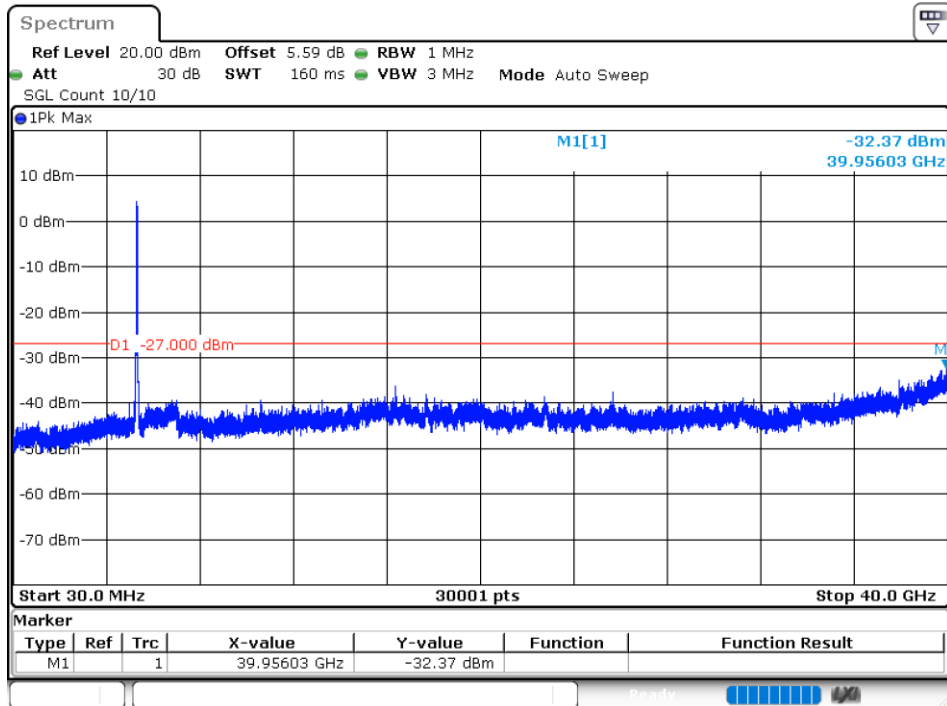
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



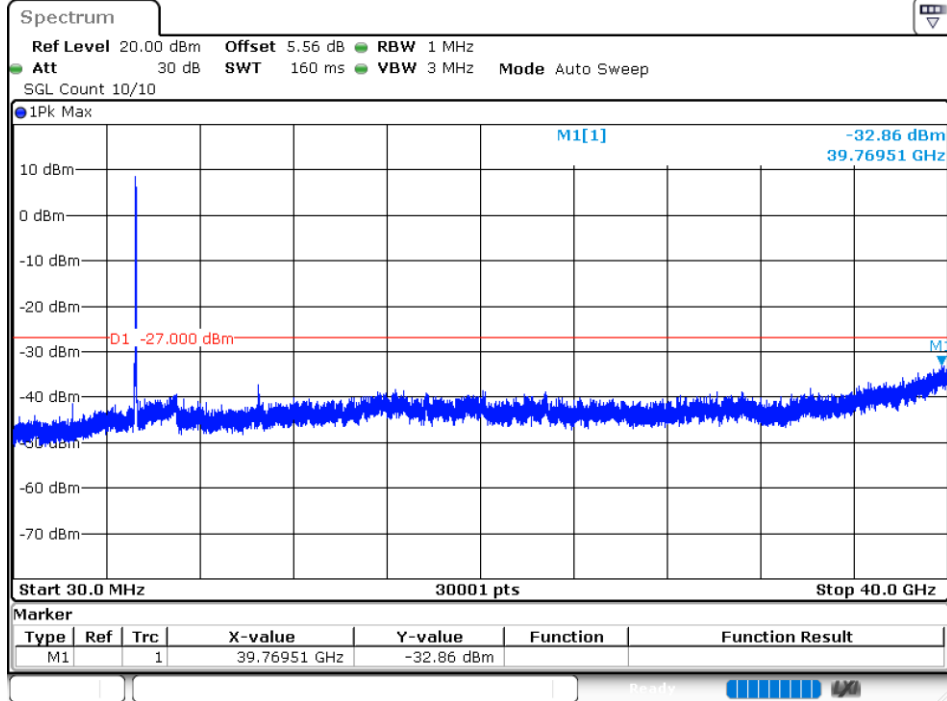
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



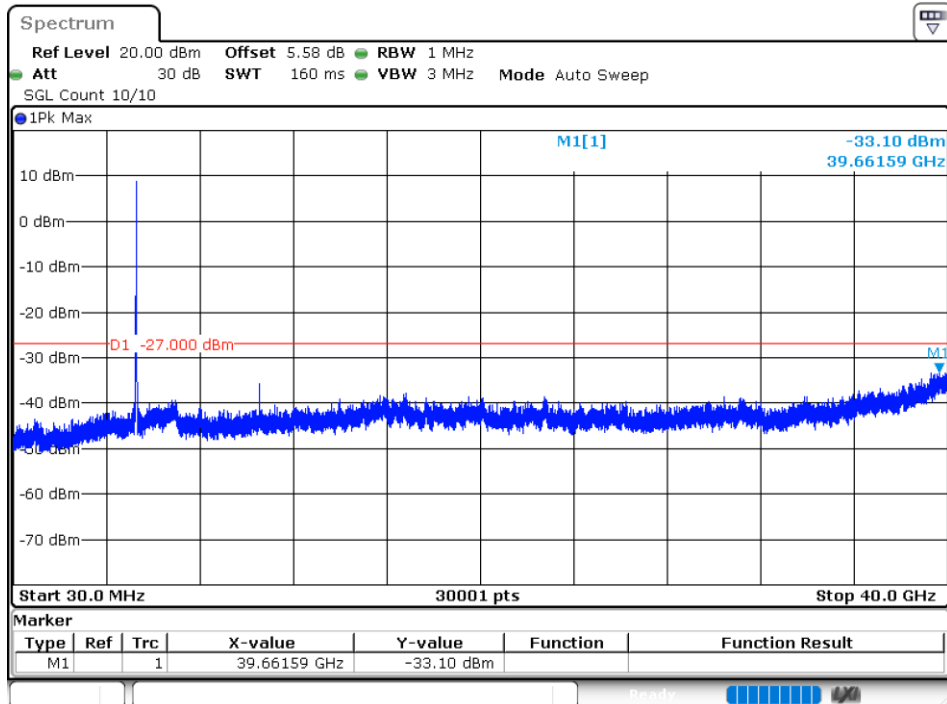
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



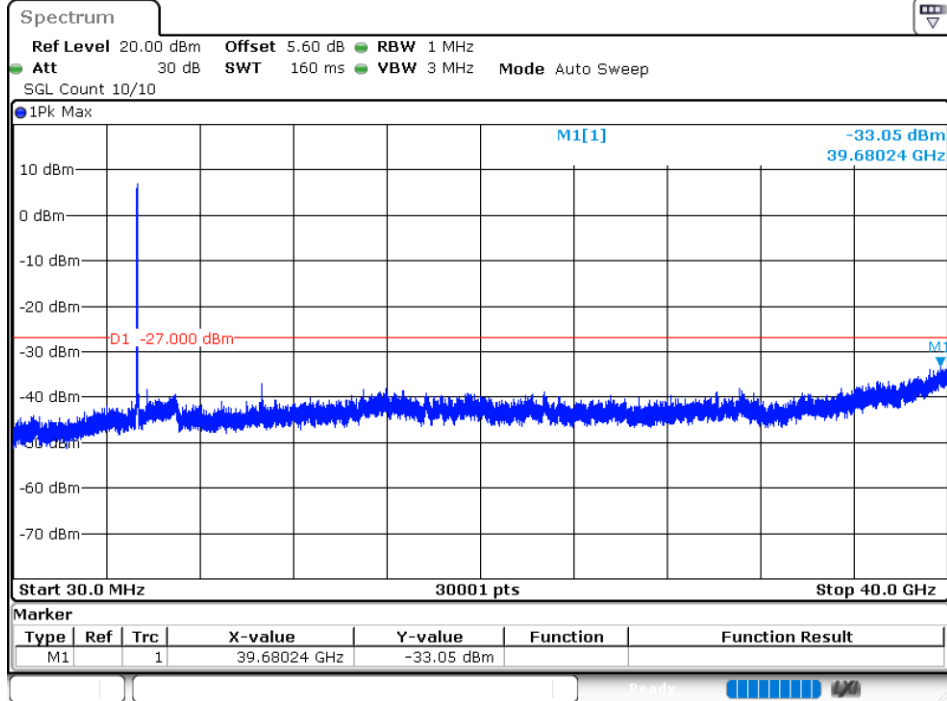
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



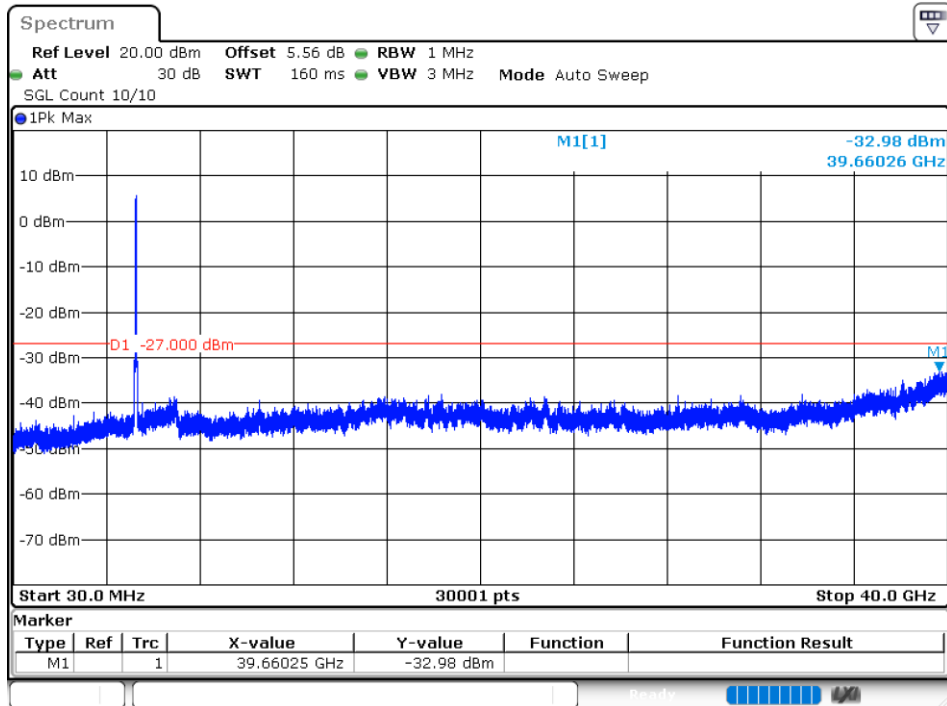
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



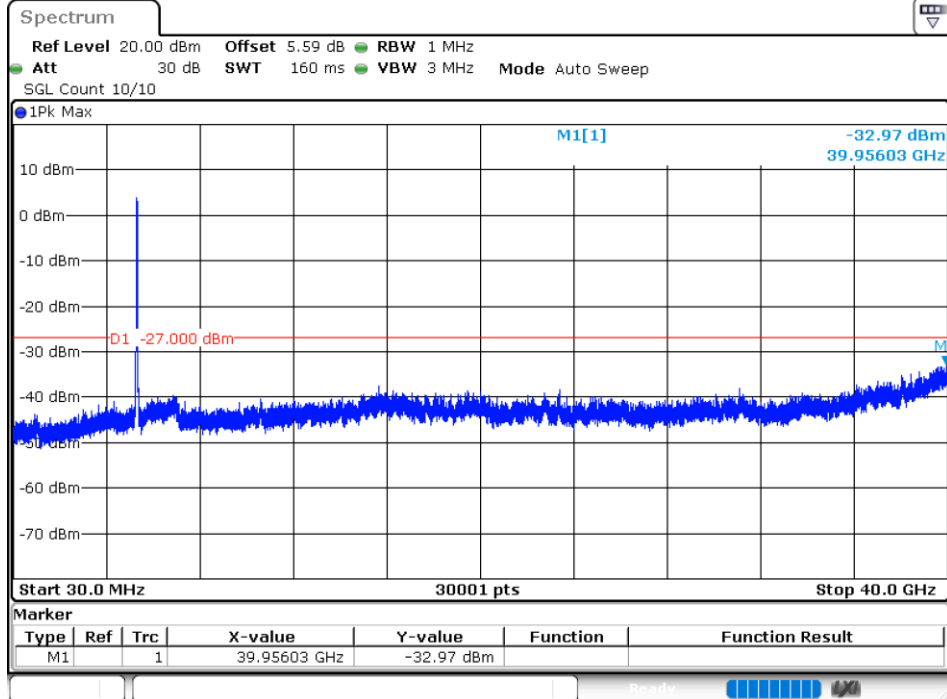
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



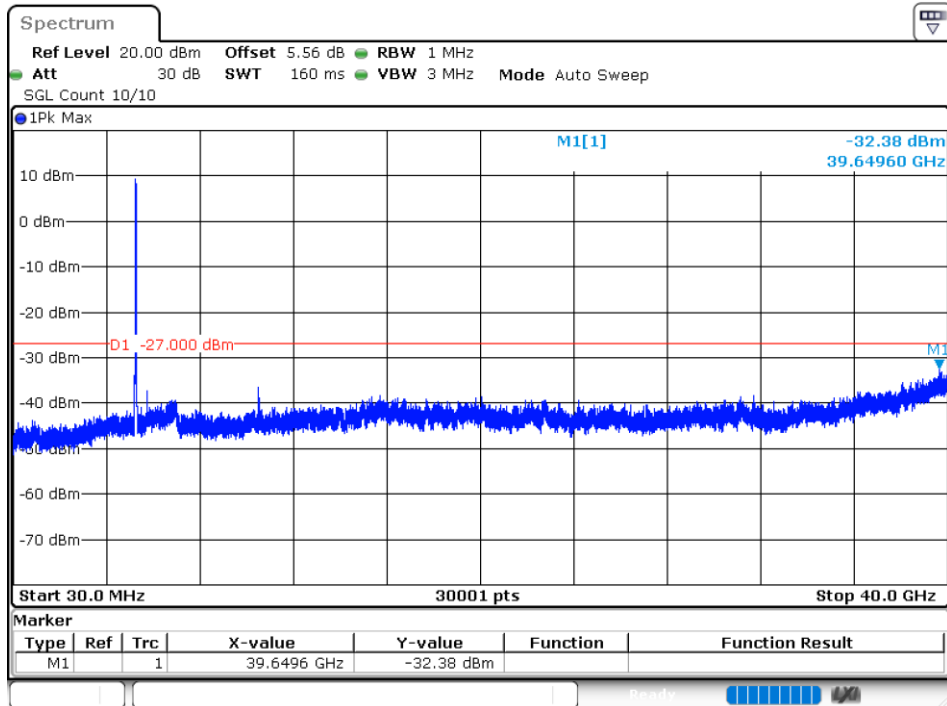
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



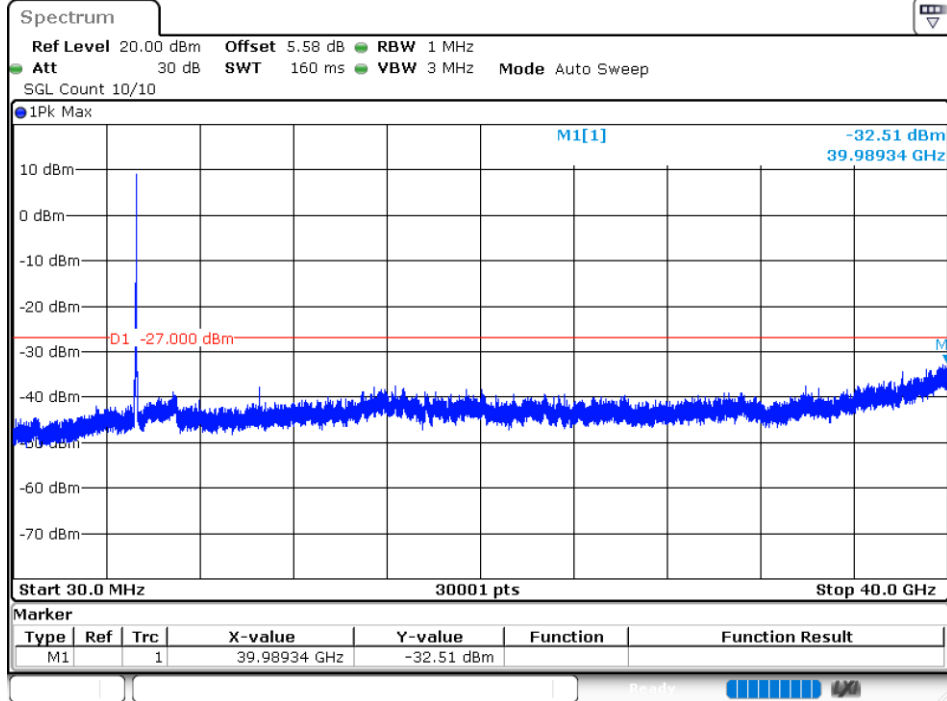
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



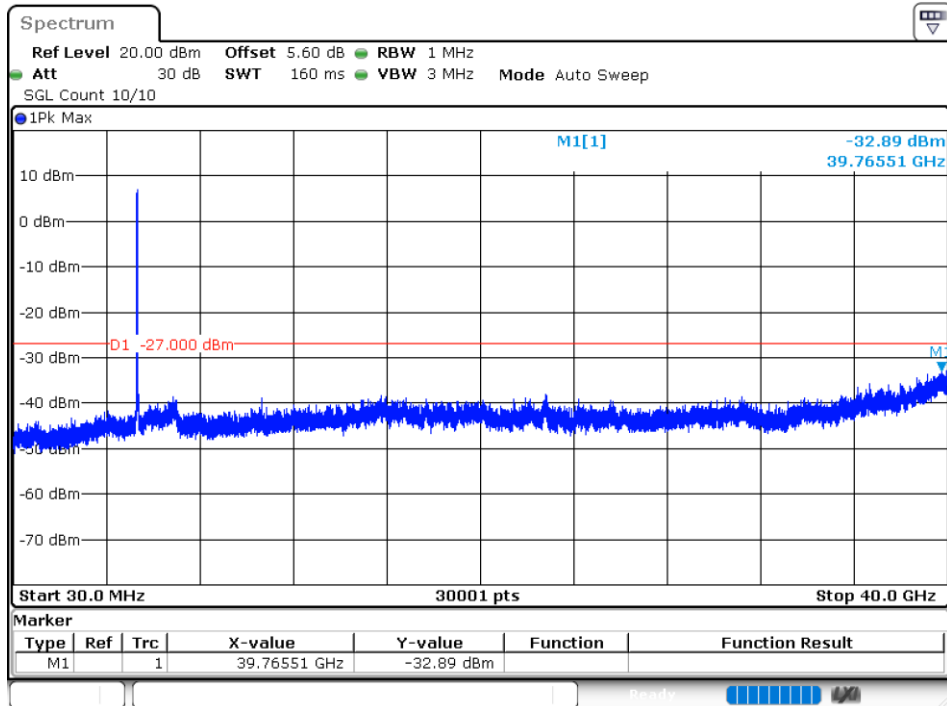
Tx. Spurious NVNT ax20 5260MHz Ant1 Emission



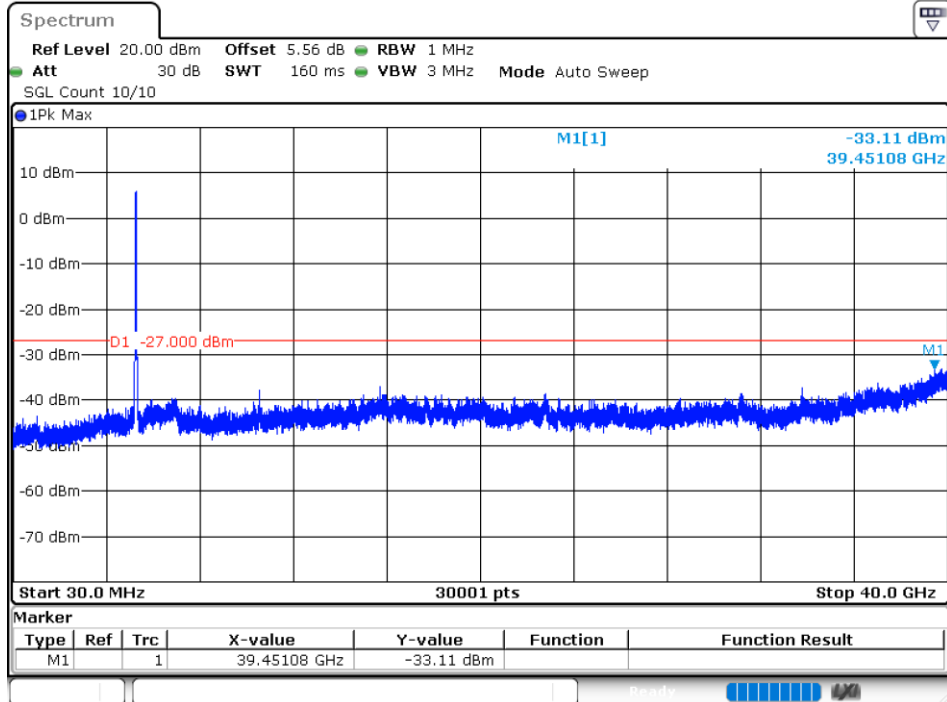
Tx. Spurious NVNT ax20 5280MHz Ant1 Emission



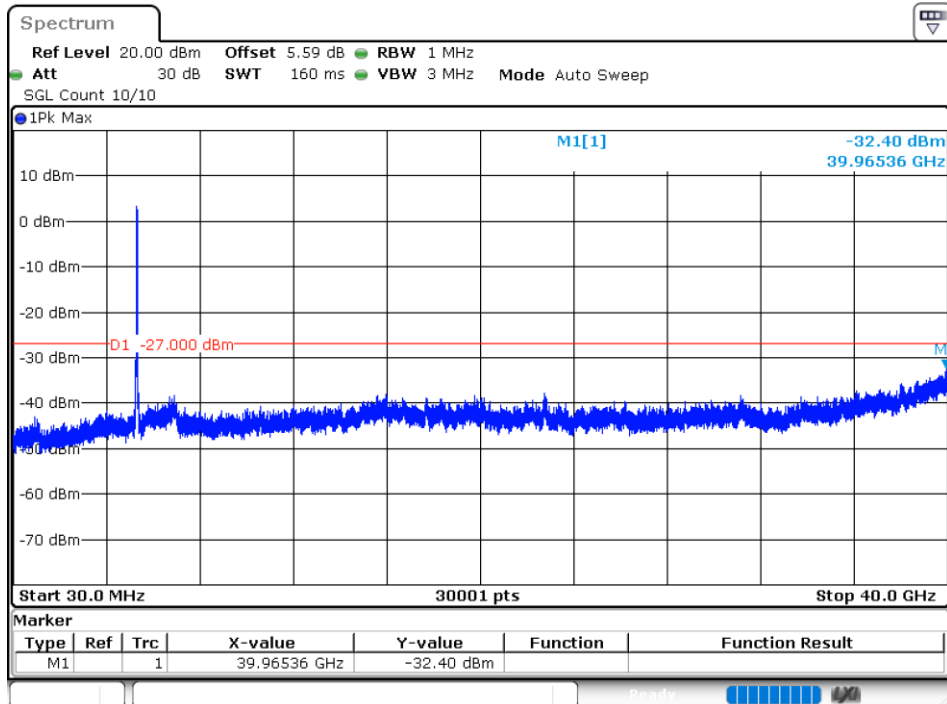
Tx. Spurious NVNT ax20 5320MHz Ant1 Emission



Tx. Spurious NVNT ax40 5270MHz Ant1 Emission



Tx. Spurious NVNT ax40 5310MHz Ant1 Emission



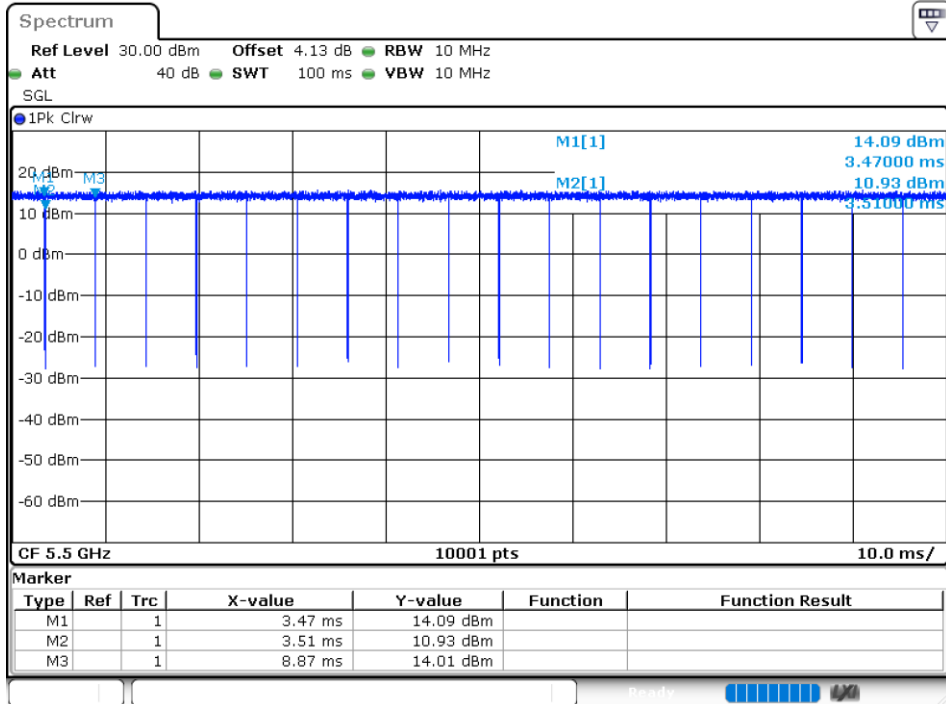
5.6G WIFI

Duty Cycle

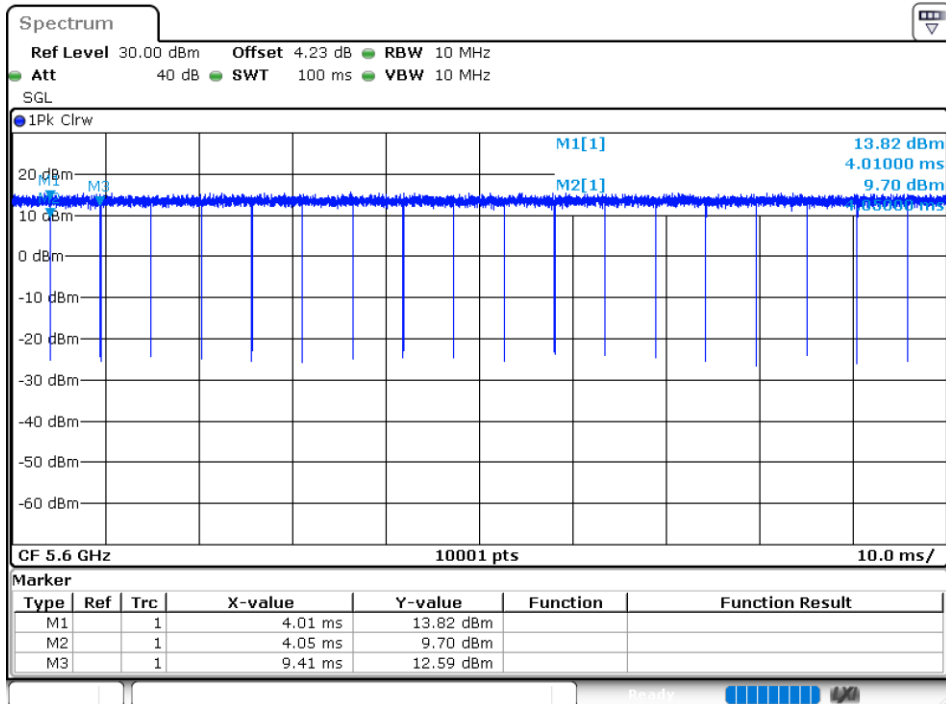
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	99.46	0.02	0.19
NVNT	a	5600	Ant1	99.46	0.02	0.19
NVNT	a	5700	Ant1	99.64	0.02	0.19
NVNT	n20	5500	Ant1	99.47	0.02	0.2
NVNT	n20	5600	Ant1	99.48	0.02	0.2
NVNT	n20	5700	Ant1	99.47	0.02	0.2
NVNT	n40	5510	Ant1	96.31	0.16	0.41
NVNT	n40	5590	Ant1	96.3	0.16	0.41
NVNT	n40	5670	Ant1	96.3	0.16	0.41
NVNT	ac20	5500	Ant1	99.46	0.02	0.2
NVNT	ac20	5600	Ant1	99.48	0.02	0.2
NVNT	ac20	5700	Ant1	99.48	0.02	0.2
NVNT	ac40	5510	Ant1	96.39	0.16	0.41
NVNT	ac40	5590	Ant1	96.19	0.17	0.41
NVNT	ac40	5670	Ant1	96.31	0.16	0.41
NVNT	ax20	5500	Ant1	99.28	0.03	0.26
NVNT	ax20	5600	Ant1	99.33	0.03	0.26
NVNT	ax20	5700	Ant1	99.33	0.03	0.26
NVNT	ax40	5510	Ant1	98.66	0.06	0.52
NVNT	ax40	5590	Ant1	95.48	0.2	0.52
NVNT	ax40	5670	Ant1	95.43	0.2	0.52

Test Graphs

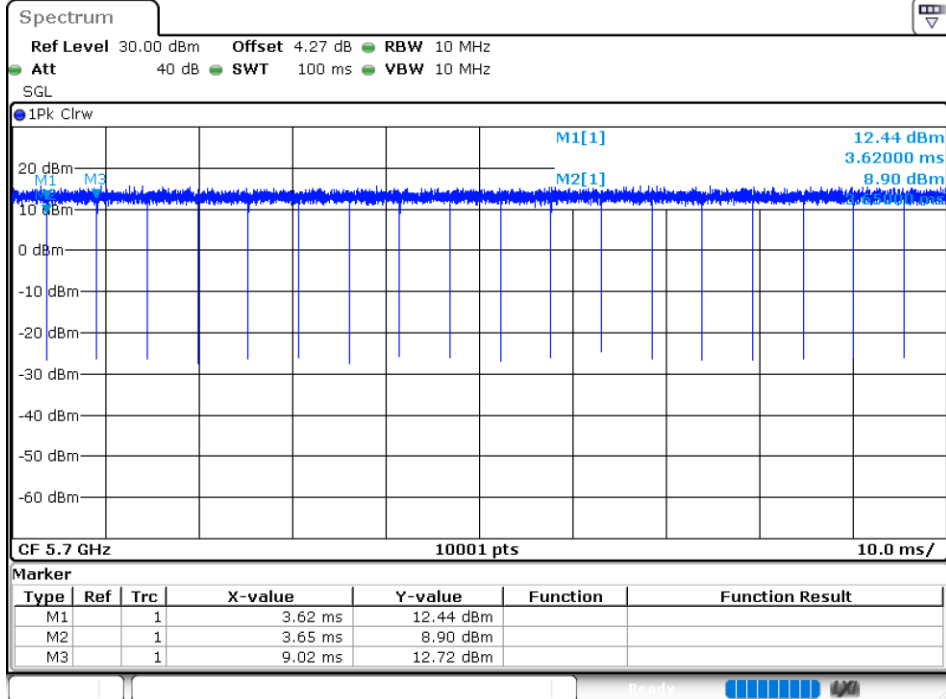
Duty Cycle NVNT a 5500MHz Ant1



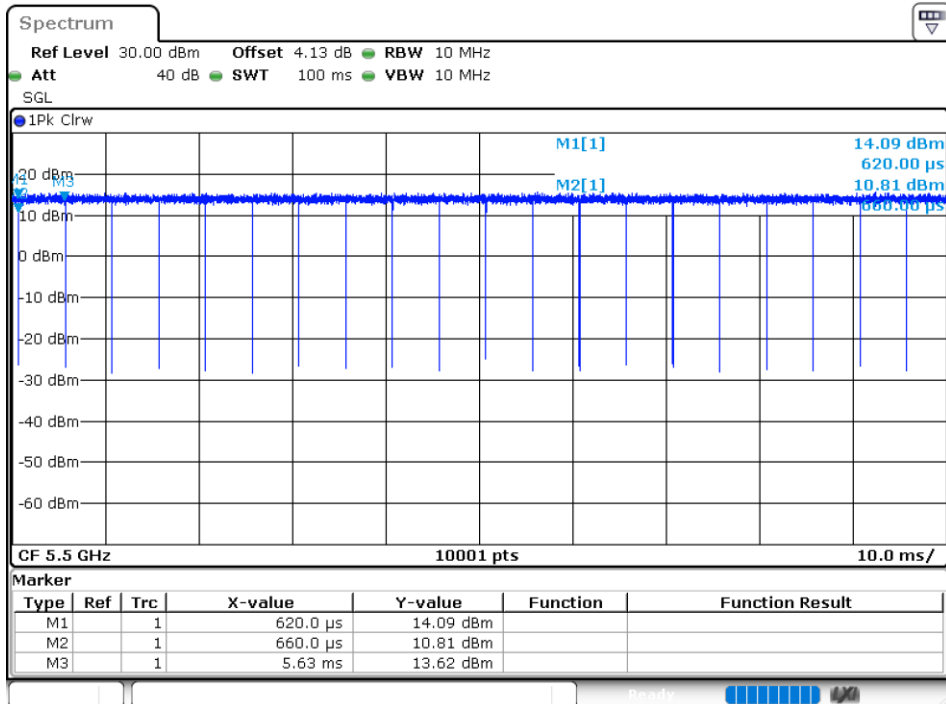
Duty Cycle NVNT a 5600MHz Ant1



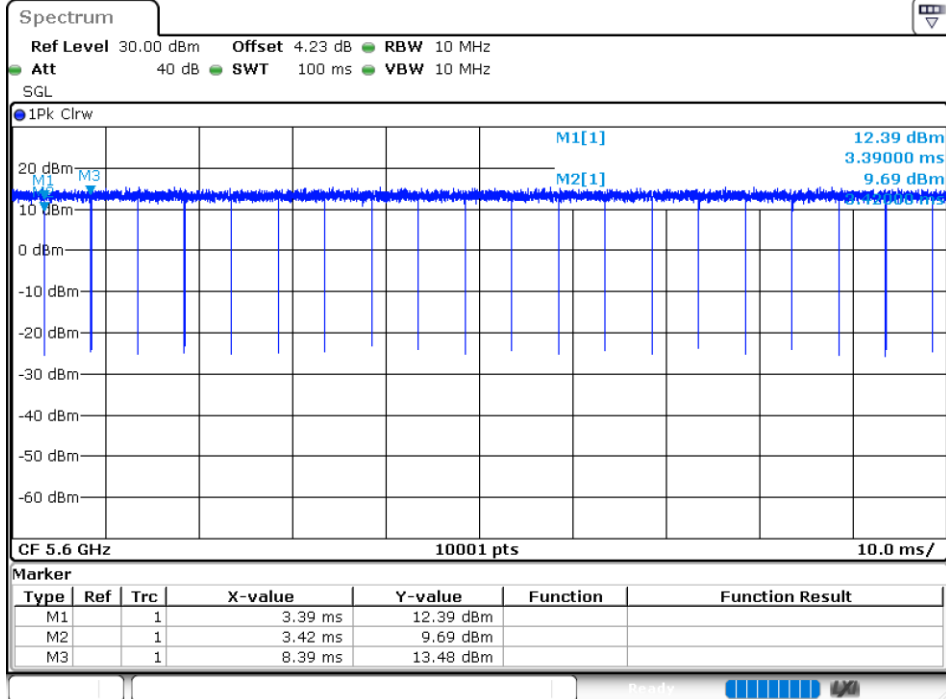
Duty Cycle NVNT a 5700MHz Ant1



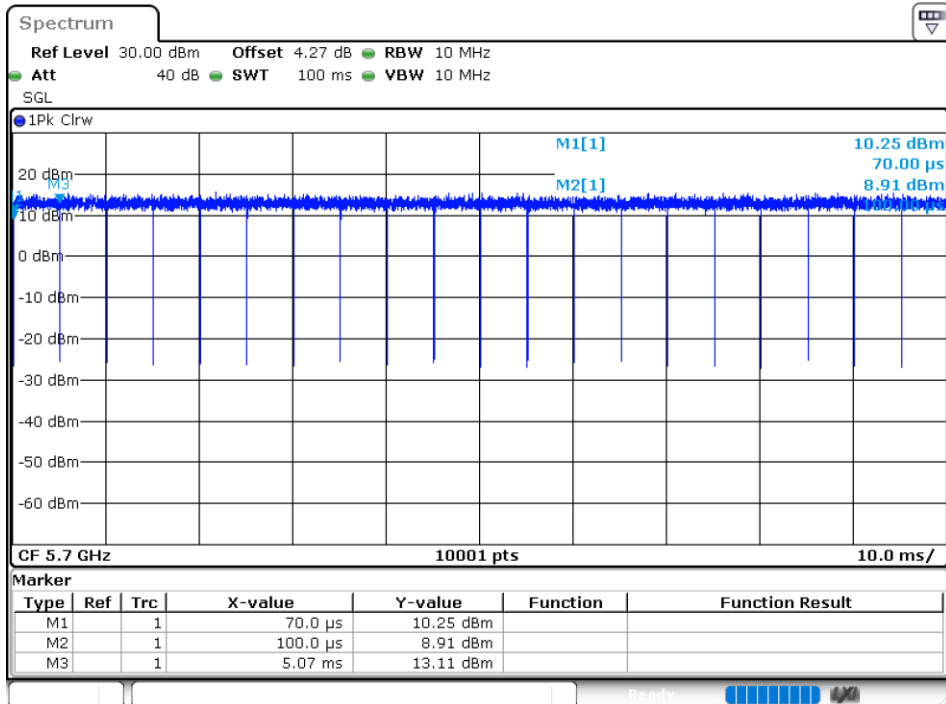
Duty Cycle NVNT n20 5500MHz Ant1



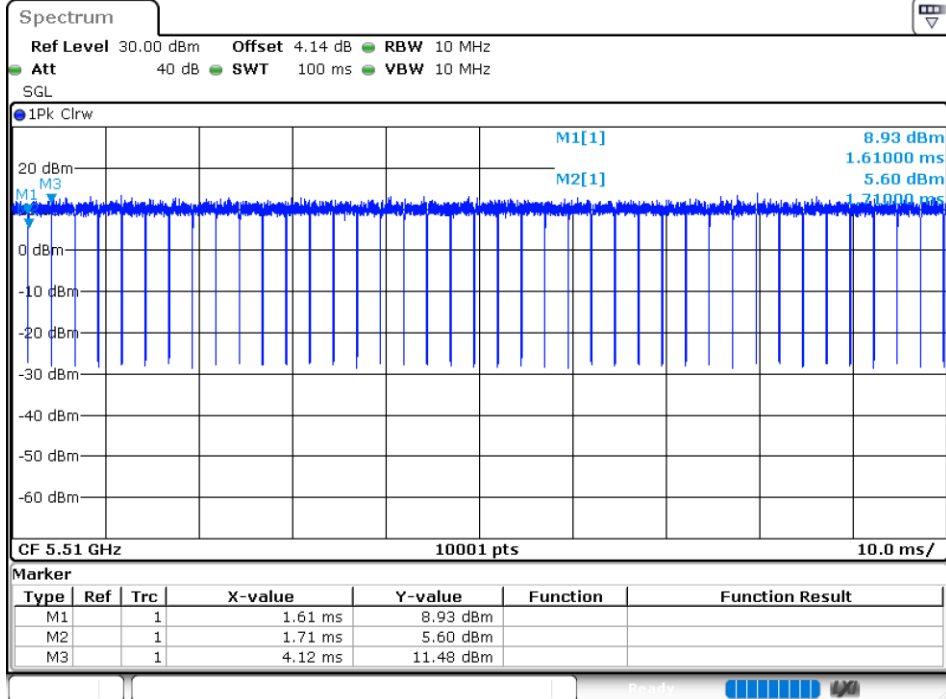
Duty Cycle NVNT n20 5600MHz Ant1



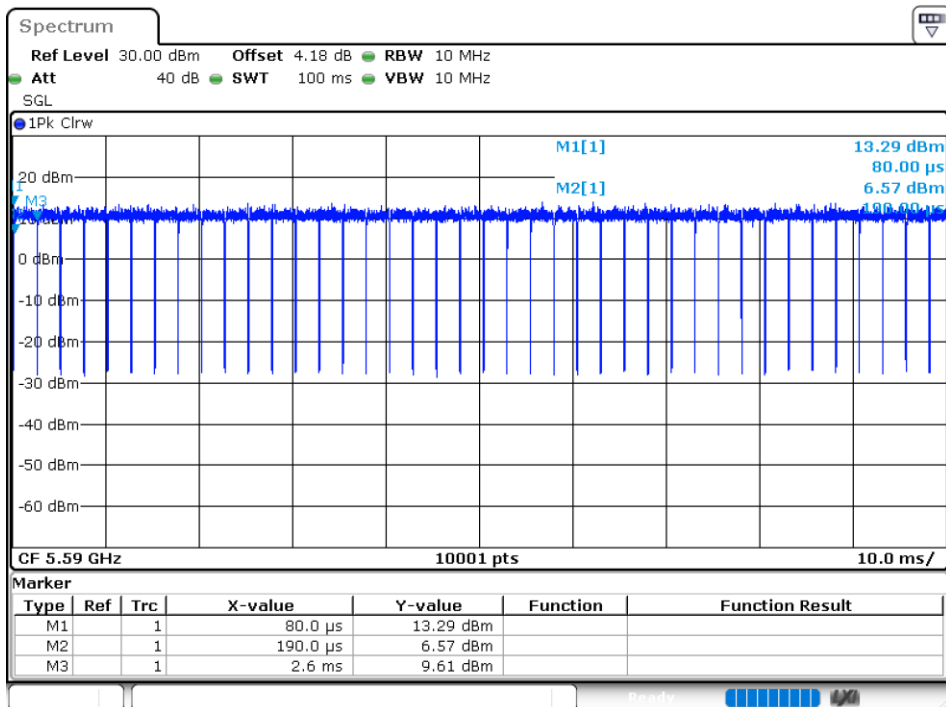
Duty Cycle NVNT n20 5700MHz Ant1



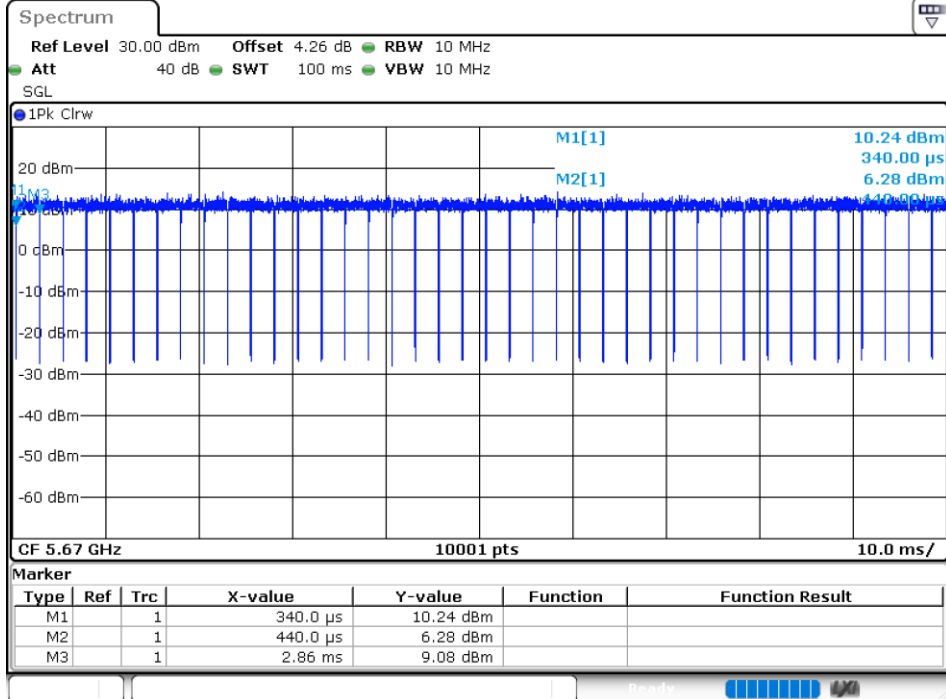
Duty Cycle NVNT n40 5510MHz Ant1



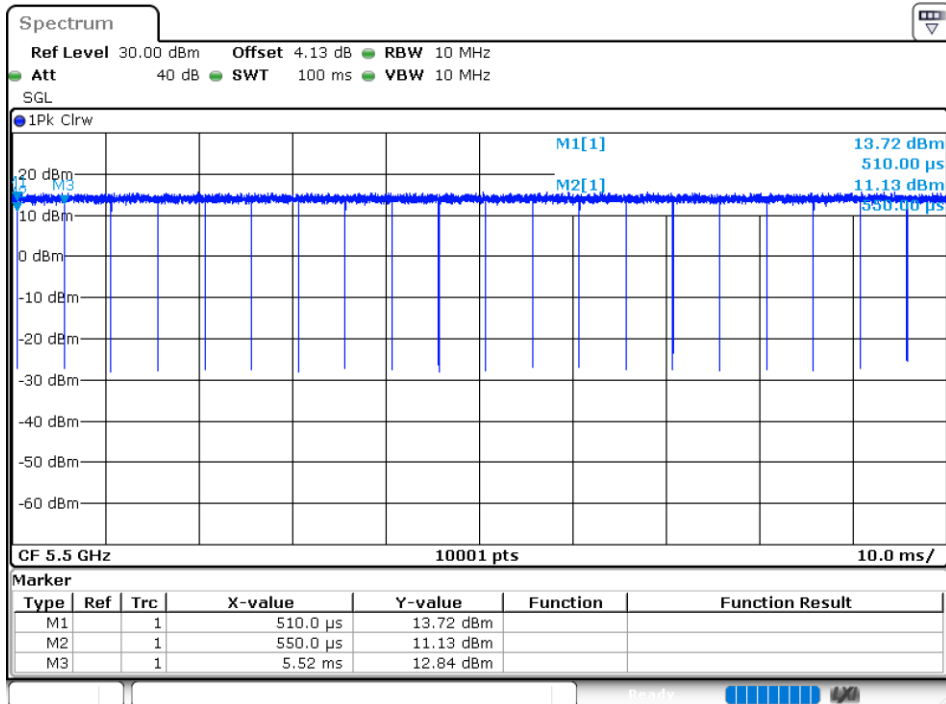
Duty Cycle NVNT n40 5590MHz Ant1



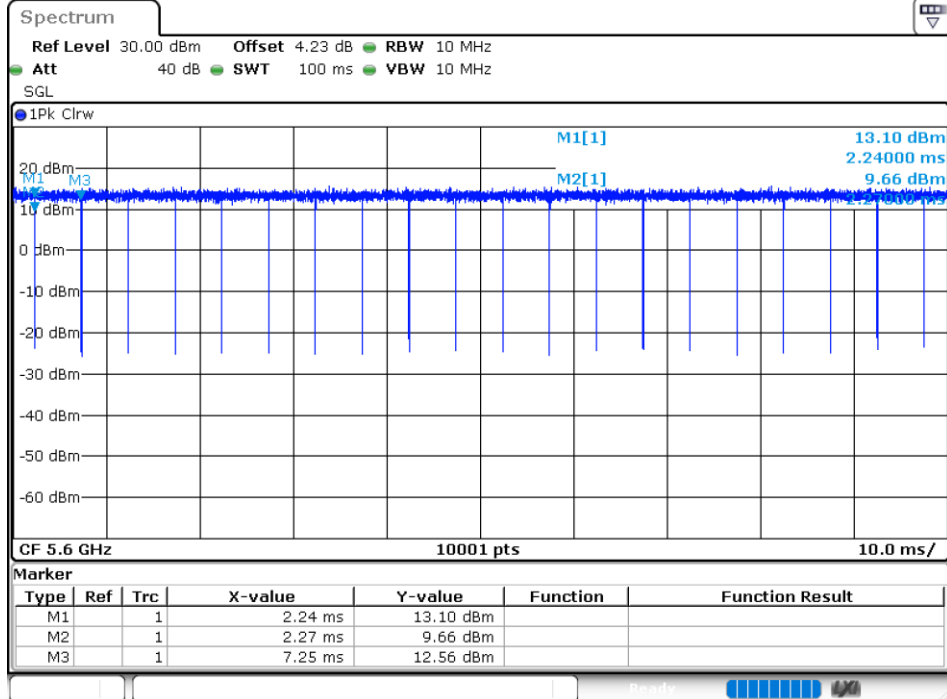
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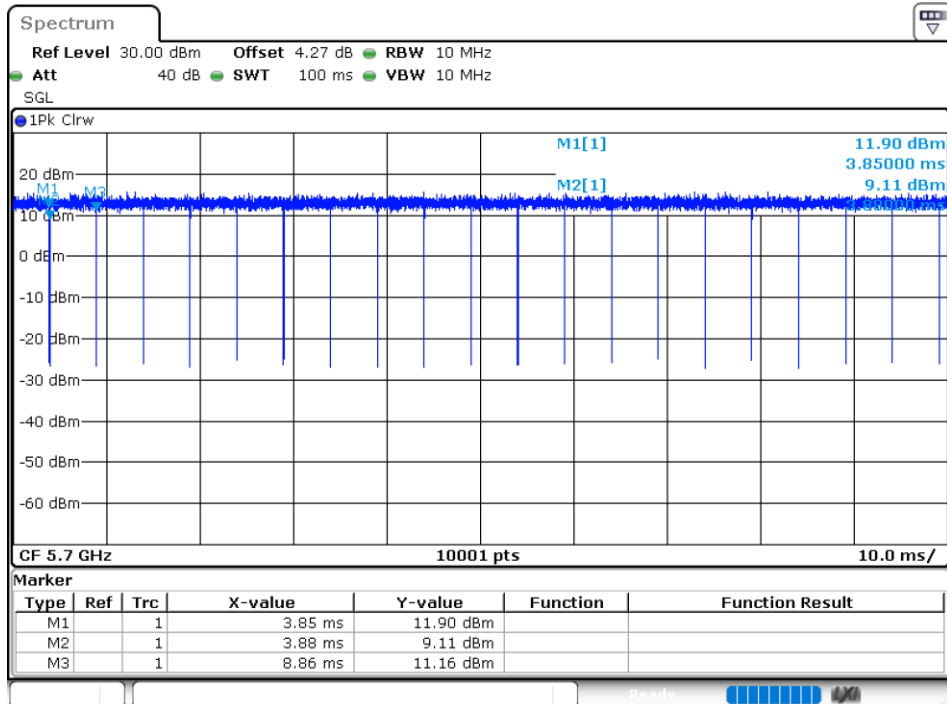
Duty Cycle NVNT ac20 5500MHz Ant1



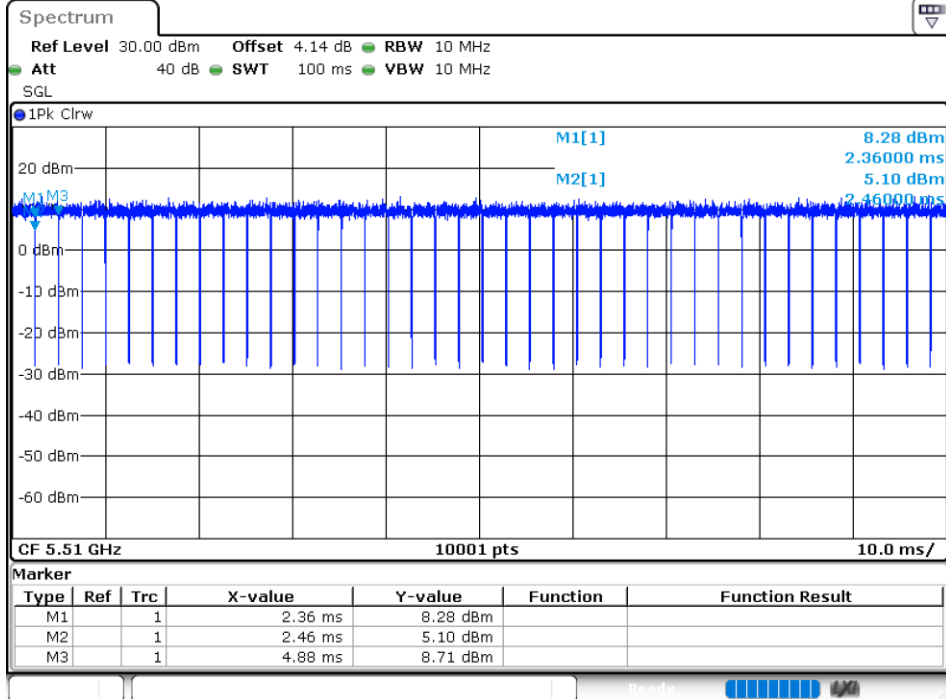
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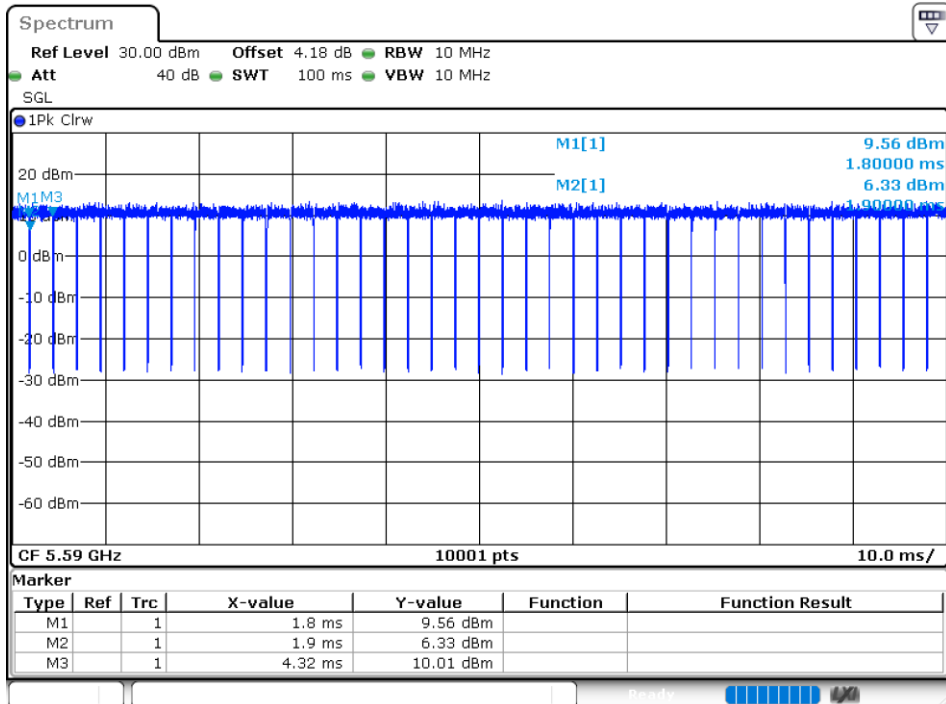
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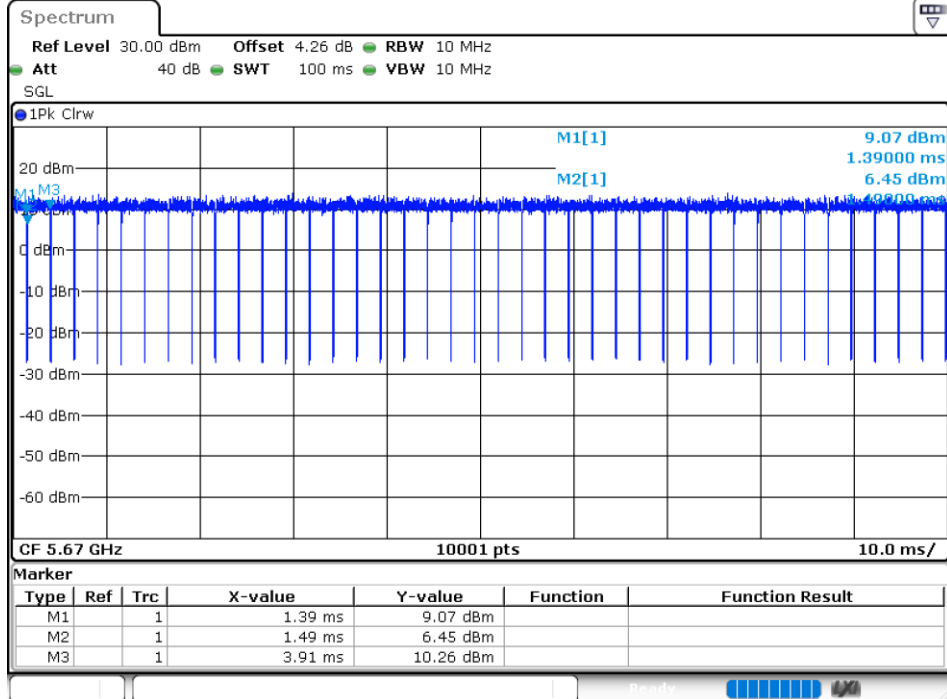
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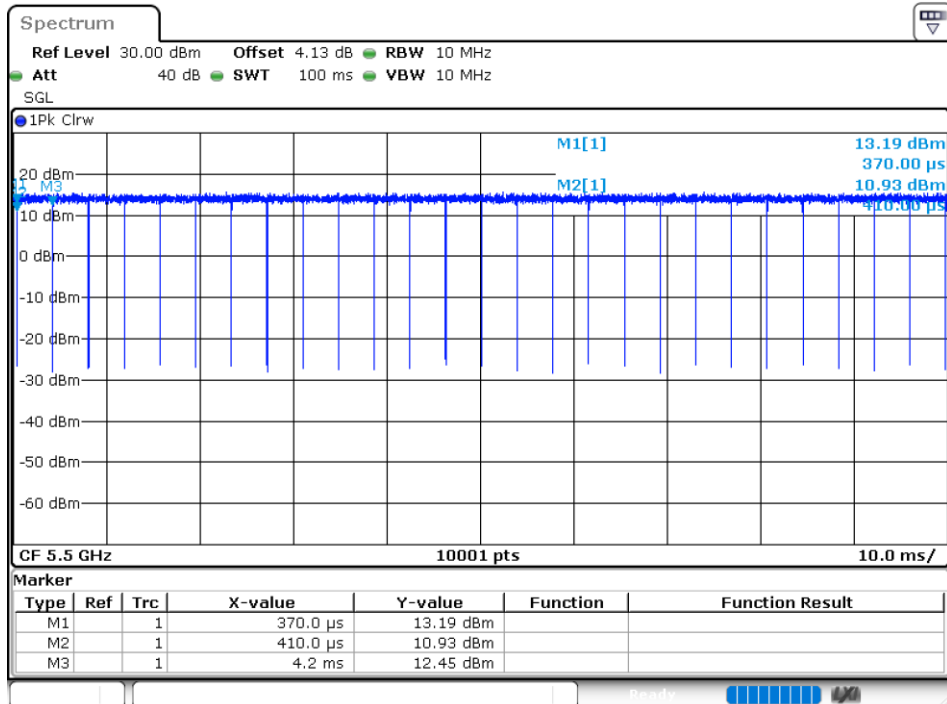
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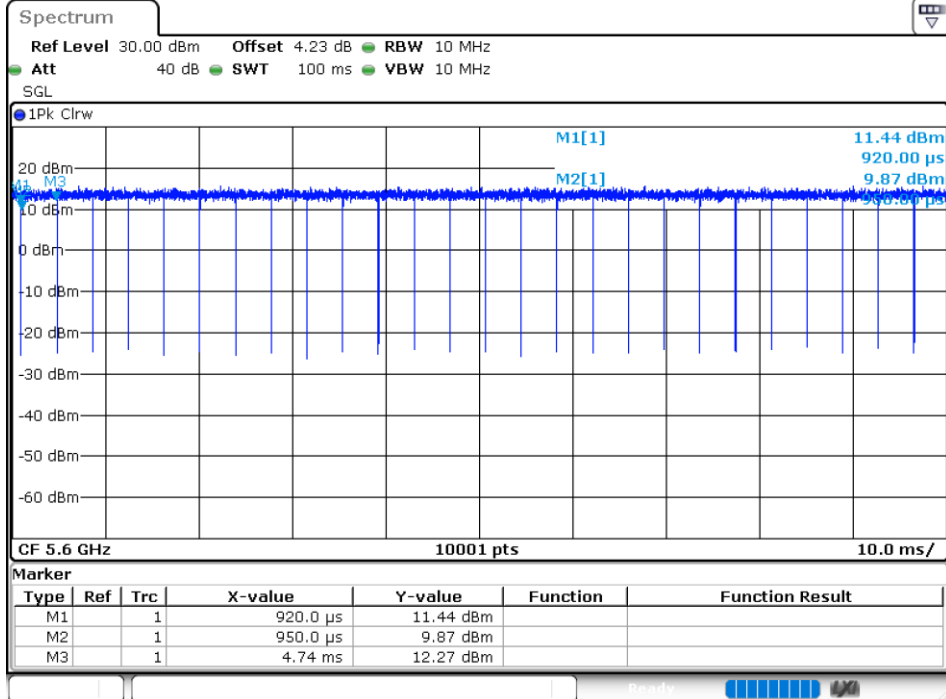
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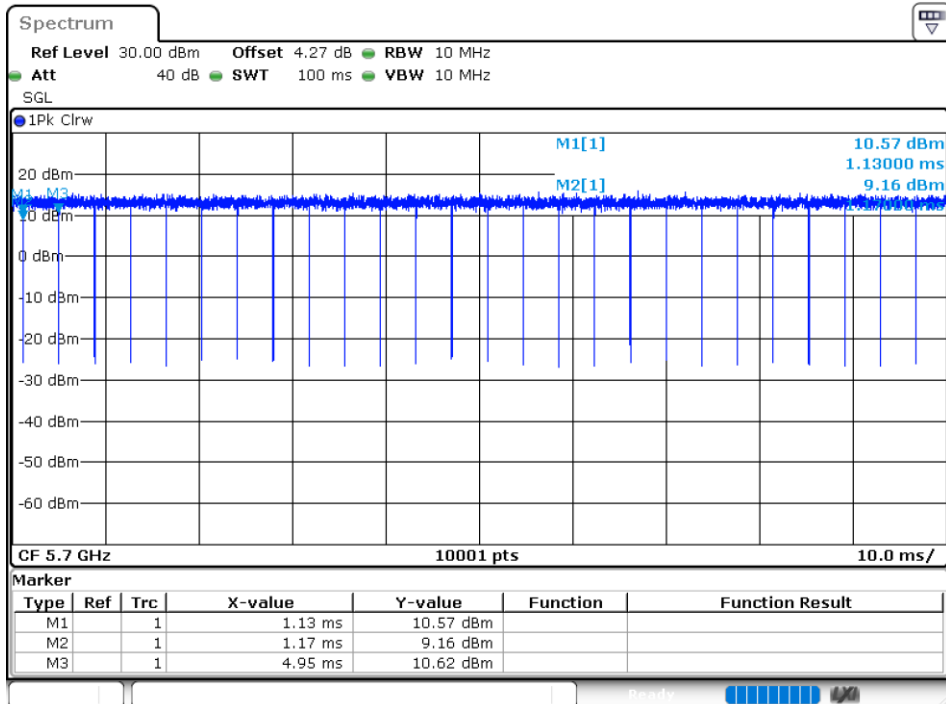
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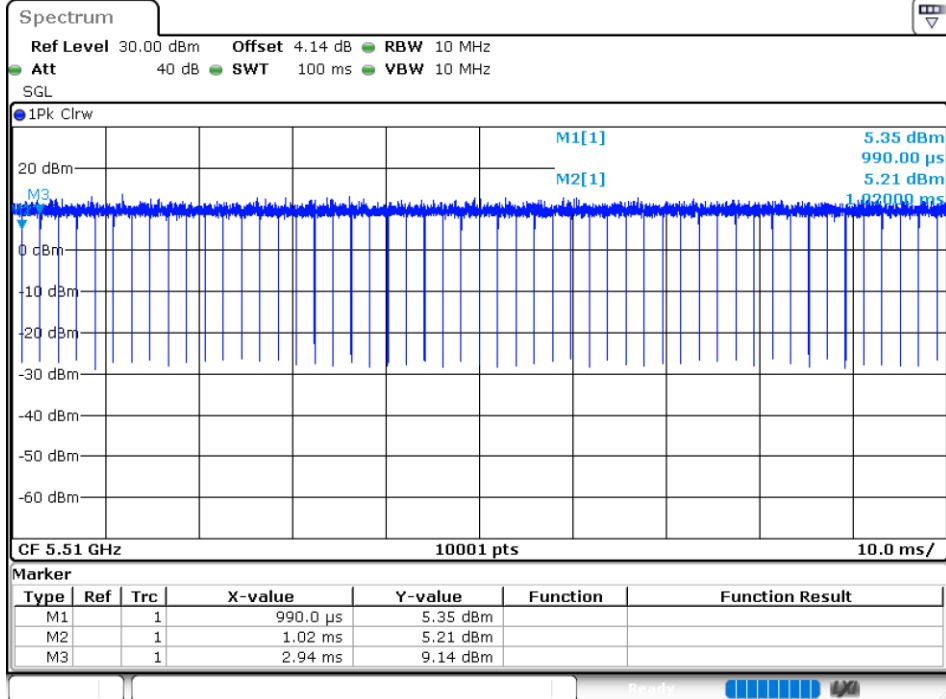
Duty Cycle NVNT ax20 5600MHz Ant1



Duty Cycle NVNT ax20 5700MHz Ant1



Duty Cycle NVNT ax40 5510MHz Ant1



Duty Cycle NVNT ax40 5590MHz Ant1

