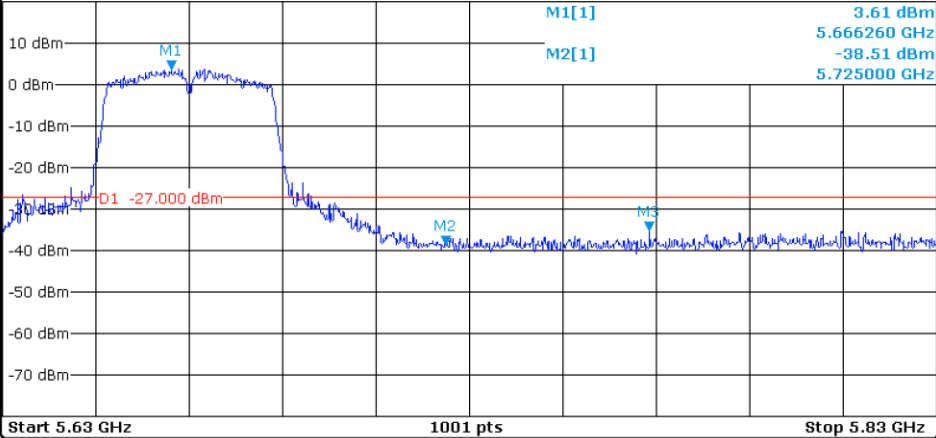


Band Edge NVNT ac40 5670MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

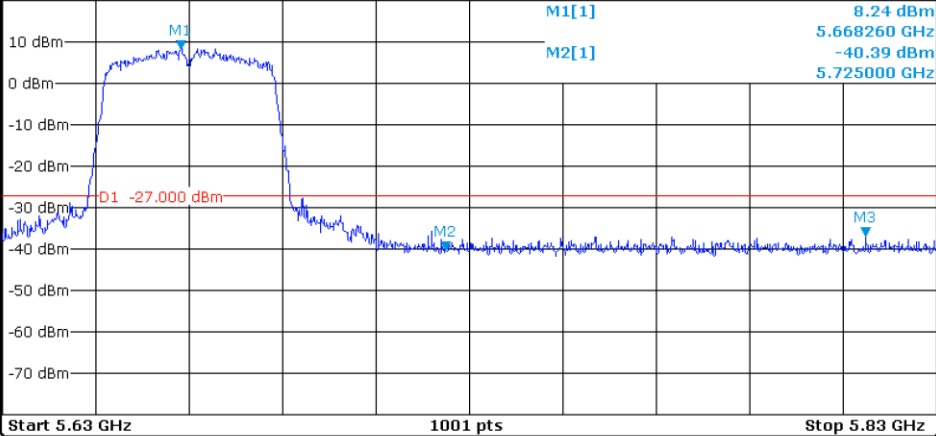
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.66826 GHz	3.61 dBm		
M2	1		5.725 GHz	-38.51 dBm		
M3	1		5.7684 GHz	-35.18 dBm		

Band Edge NVNT ac40 5670MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 8.33 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

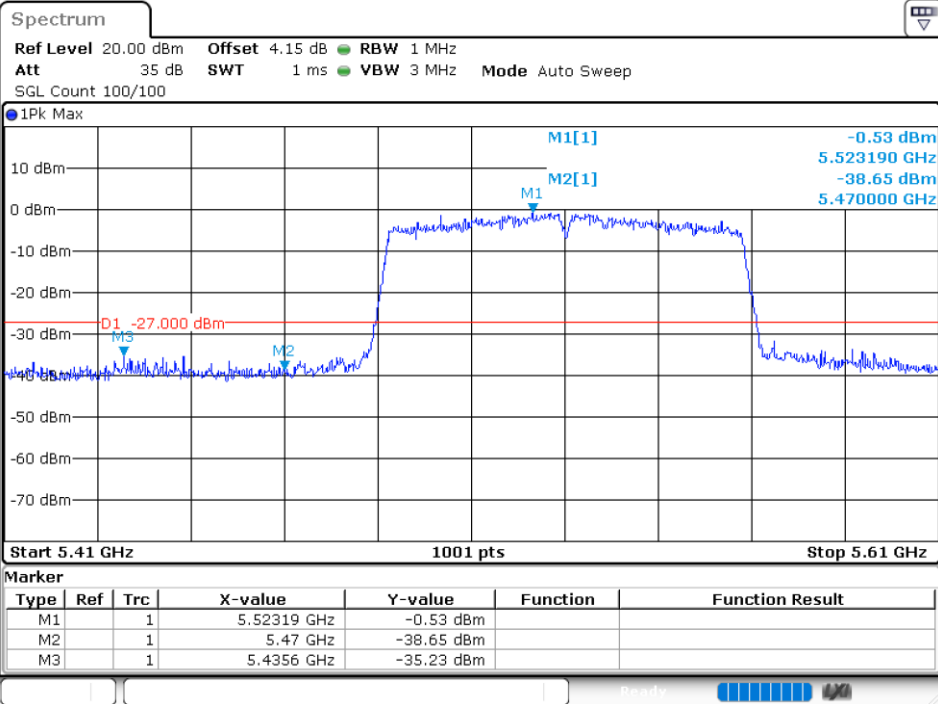
1Pk Max



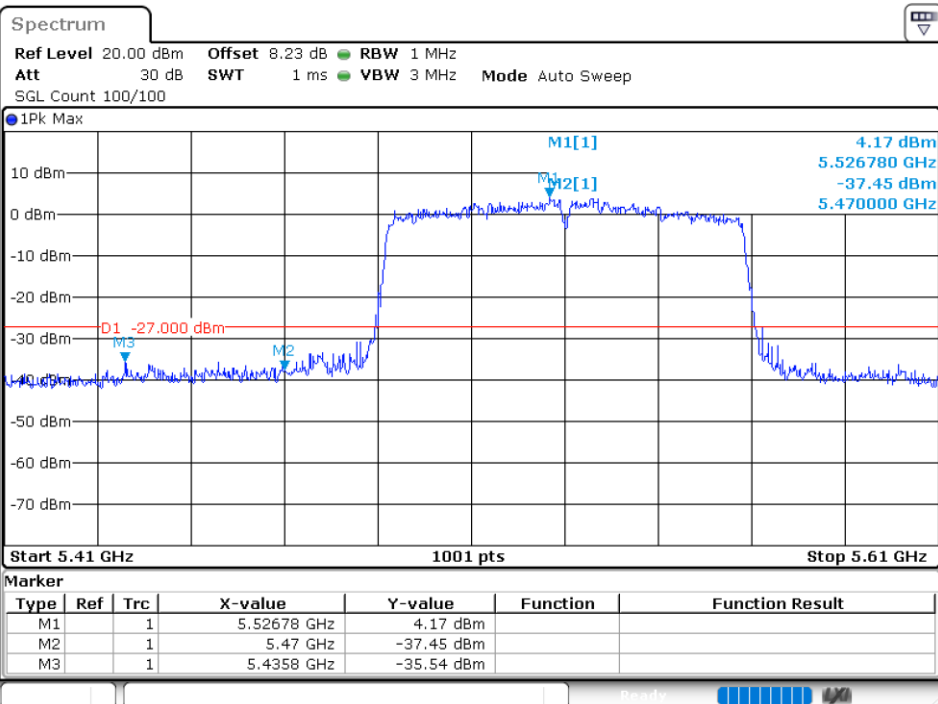
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.66826 GHz	8.24 dBm		
M2	1		5.725 GHz	-40.39 dBm		
M3	1		5.8148 GHz	-36.80 dBm		

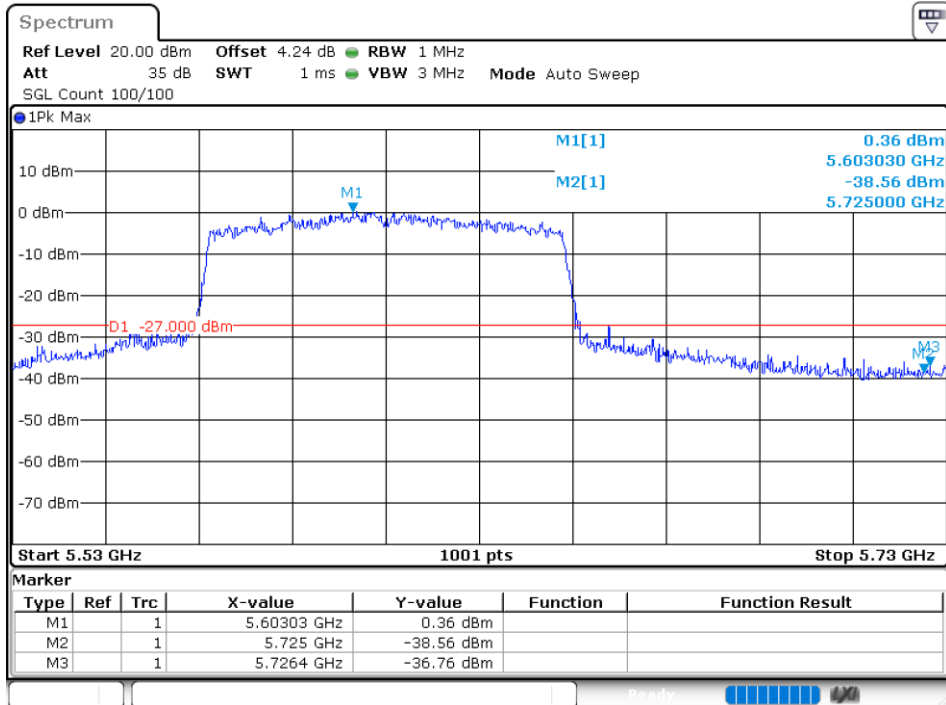
Band Edge NVNT ac80 5530MHz Low Ant1



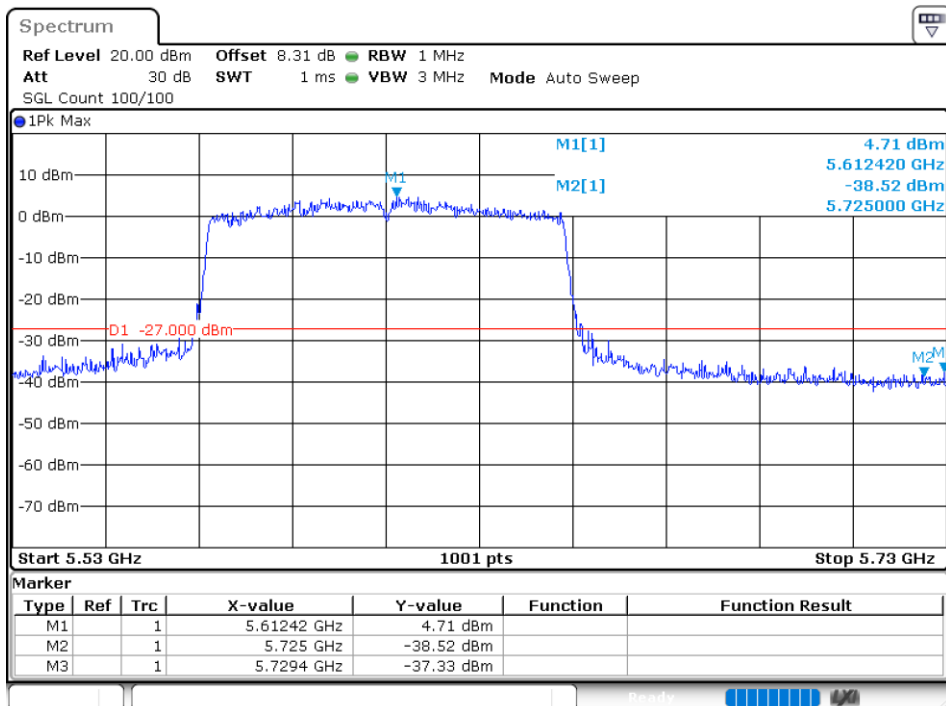
Band Edge NVNT ac80 5530MHz Low Ant2



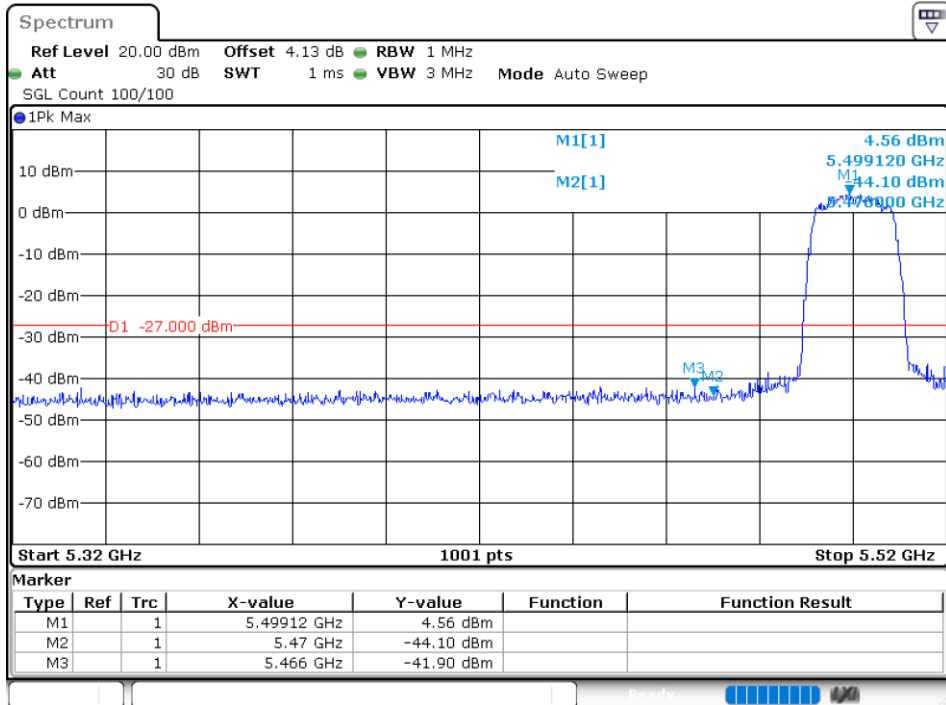
Band Edge NVNT ac80 5610MHz High Ant1



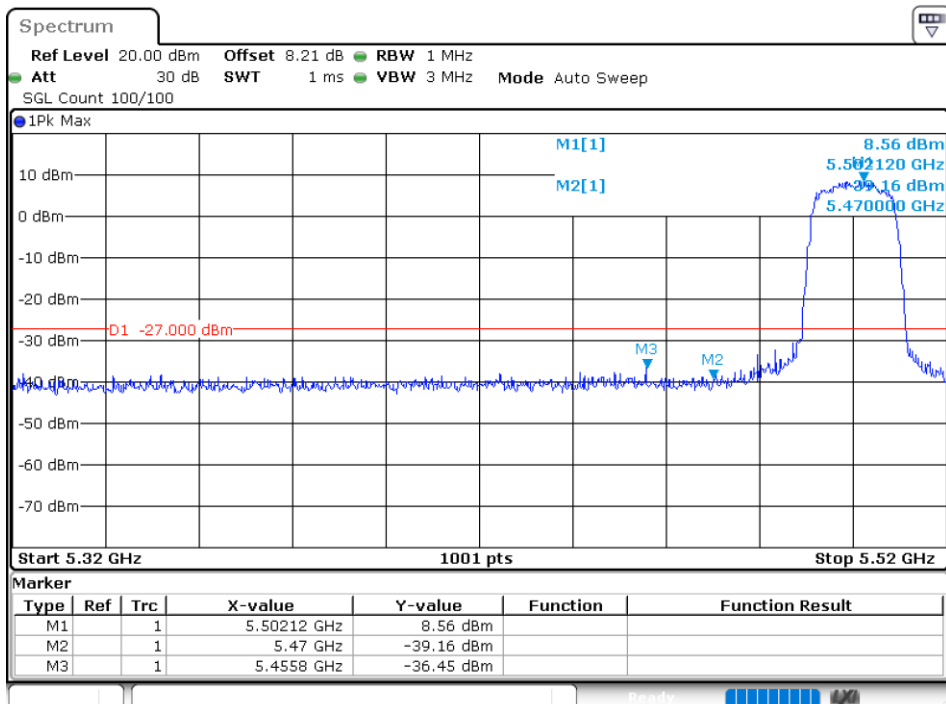
Band Edge NVNT ac80 5610MHz High Ant2



Band Edge NVNT n20 5500MHz Low Ant1



Band Edge NVNT n20 5500MHz Low Ant2

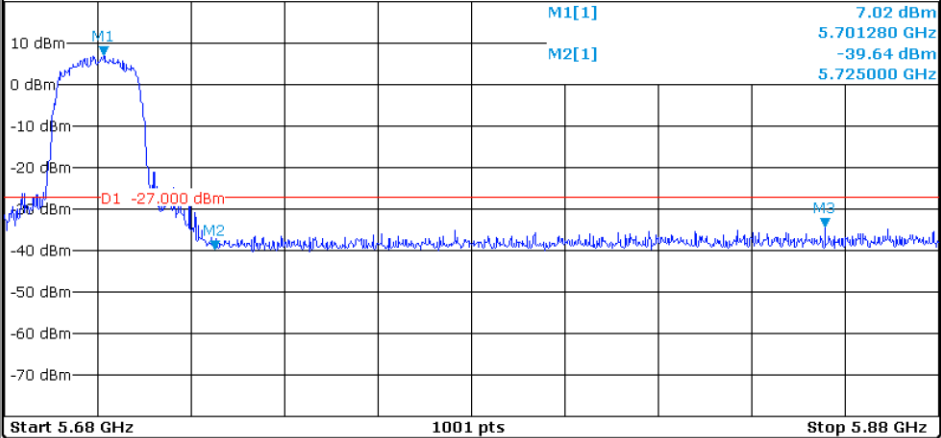


Band Edge NVNT n20 5700MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.27 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

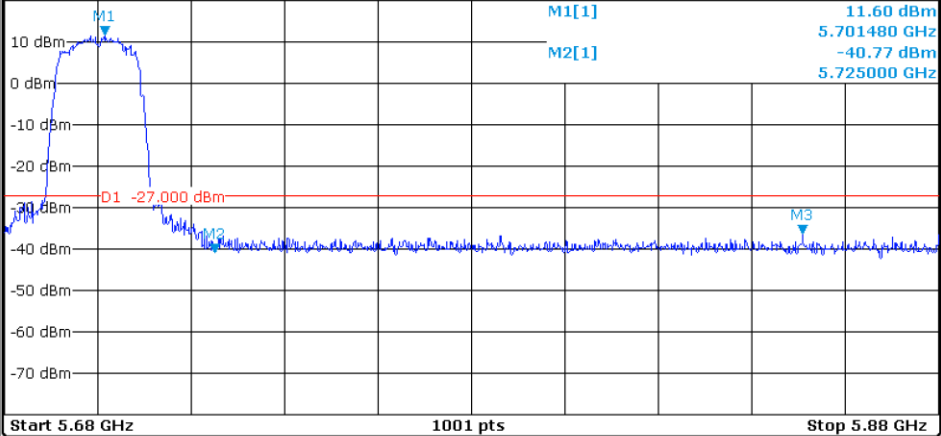
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.70128 GHz	7.02 dBm		
M2	1	1	5.725 GHz	-39.64 dBm		
M3	1	1	5.8556 GHz	-34.31 dBm		

Band Edge NVNT n20 5700MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 8.33 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

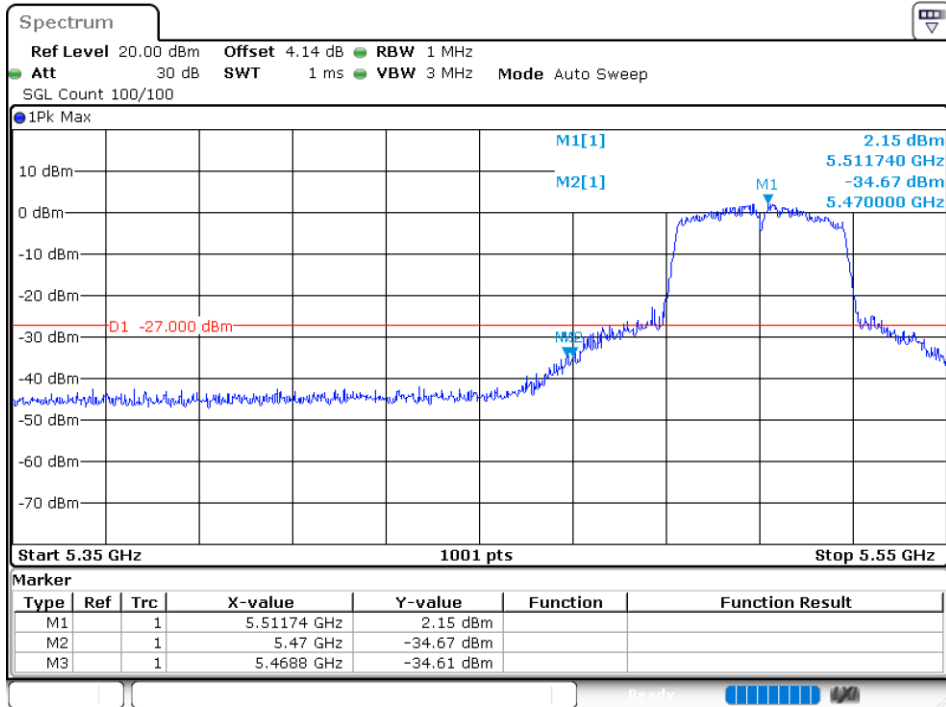
1Pk Max



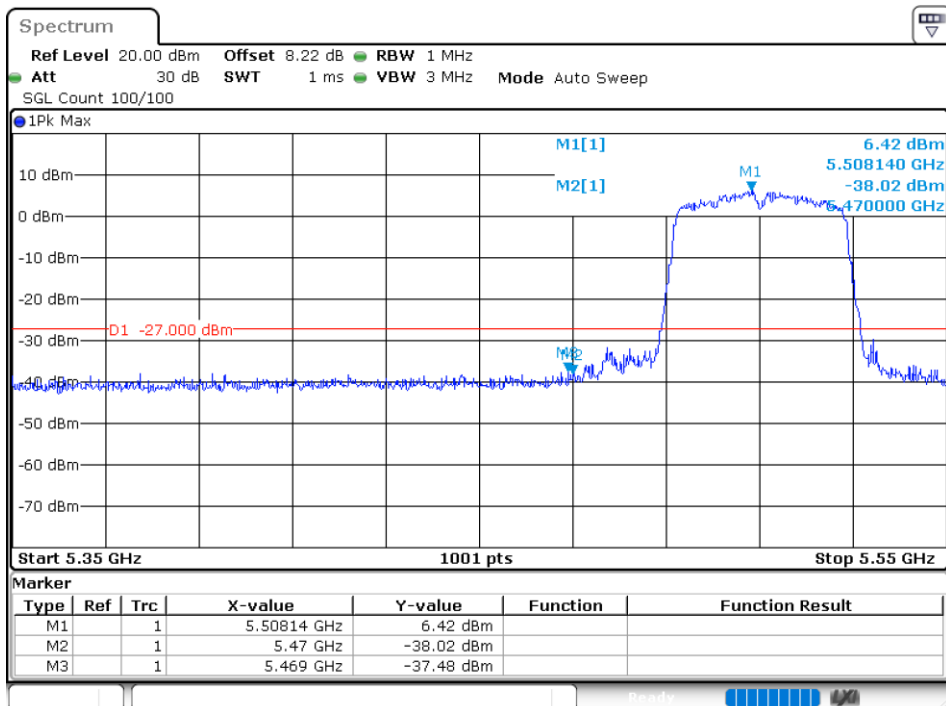
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.70148 GHz	11.60 dBm		
M2	1	1	5.725 GHz	-40.77 dBm		
M3	1	1	5.8508 GHz	-36.25 dBm		

Band Edge NVNT n40 5510MHz Low Ant1



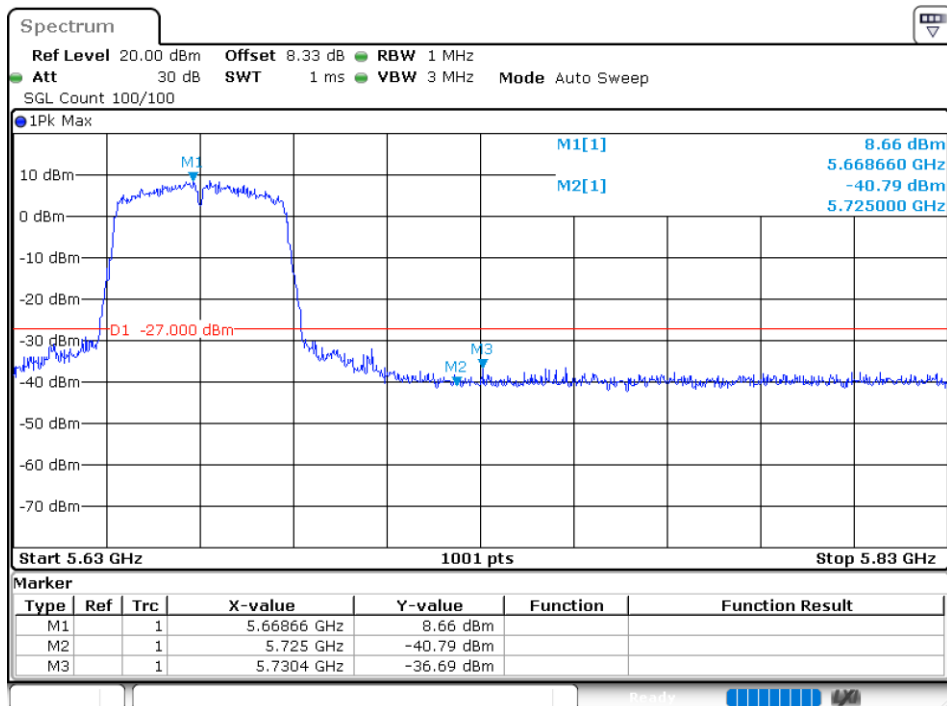
Band Edge NVNT n40 5510MHz Low Ant2



Band Edge NVNT n40 5670MHz High Ant1



Band Edge NVNT n40 5670MHz High Ant2

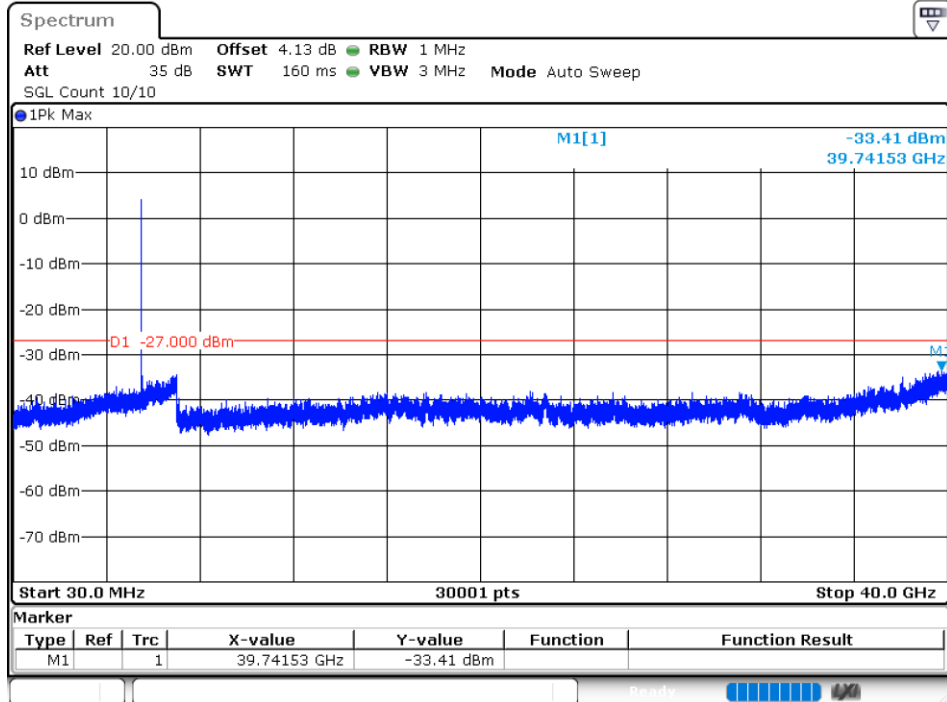


Conducted RF Spurious Emission

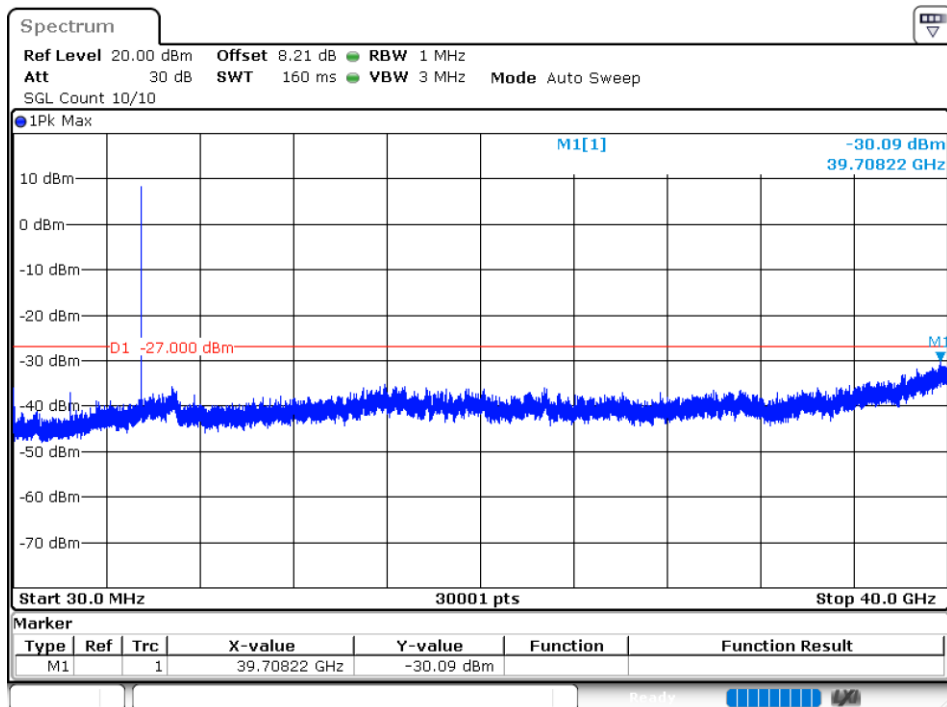
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5500	Ant1	-33.41	-27	Pass
NVNT	ac20	5500	Ant2	-30.08	-27	Pass
NVNT	ac20	5600	Ant1	-33.39	-27	Pass
NVNT	ac20	5600	Ant2	-30.28	-27	Pass
NVNT	ac20	5700	Ant1	-33.16	-27	Pass
NVNT	ac20	5700	Ant2	-29.83	-27	Pass
NVNT	ac40	5510	Ant1	-32.99	-27	Pass
NVNT	ac40	5510	Ant2	-30.58	-27	Pass
NVNT	ac40	5590	Ant1	-33.1	-27	Pass
NVNT	ac40	5590	Ant2	-30.41	-27	Pass
NVNT	ac40	5670	Ant1	-32.79	-27	Pass
NVNT	ac40	5670	Ant2	-29.52	-27	Pass
NVNT	ac80	5530	Ant1	-33.45	-27	Pass
NVNT	ac80	5530	Ant2	-30.36	-27	Pass
NVNT	ac80	5610	Ant1	-32.73	-27	Pass
NVNT	ac80	5610	Ant2	-30.31	-27	Pass
NVNT	n20	5500	Ant1	-32.05	-27	Pass
NVNT	n20	5500	Ant2	-30.01	-27	Pass
NVNT	n20	5600	Ant1	-33.51	-27	Pass
NVNT	n20	5600	Ant2	-29.67	-27	Pass
NVNT	n20	5700	Ant1	-32.76	-27	Pass
NVNT	n20	5700	Ant2	-29.61	-27	Pass
NVNT	n40	5510	Ant1	-32.91	-27	Pass
NVNT	n40	5510	Ant2	-30.12	-27	Pass
NVNT	n40	5590	Ant1	-33.62	-27	Pass
NVNT	n40	5590	Ant2	-29.95	-27	Pass
NVNT	n40	5670	Ant1	-32.92	-27	Pass
NVNT	n40	5670	Ant2	-29.9	-27	Pass

Test Graphs

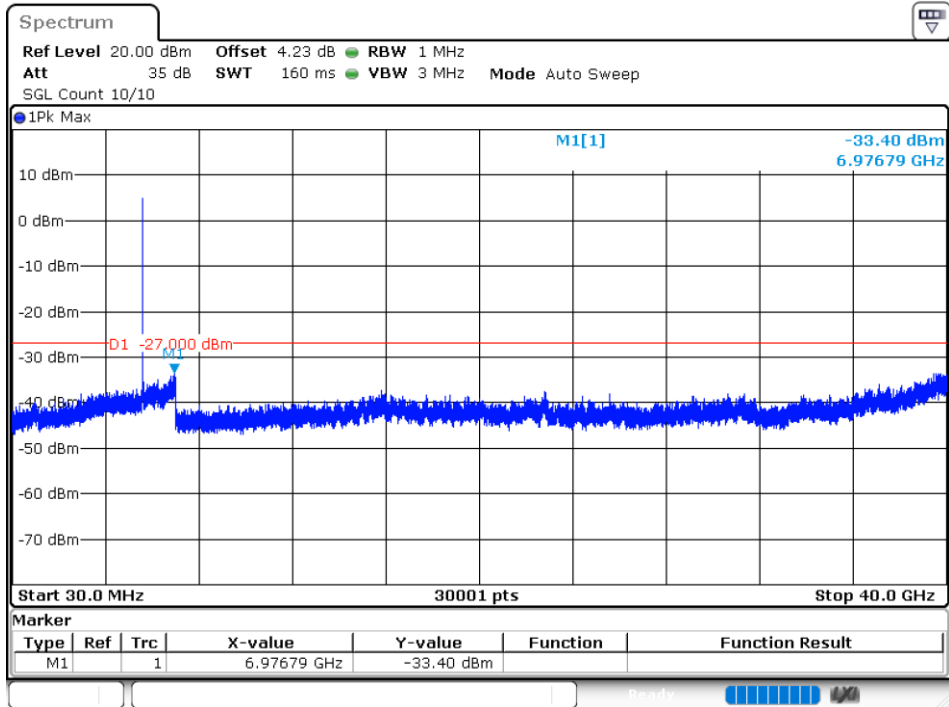
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



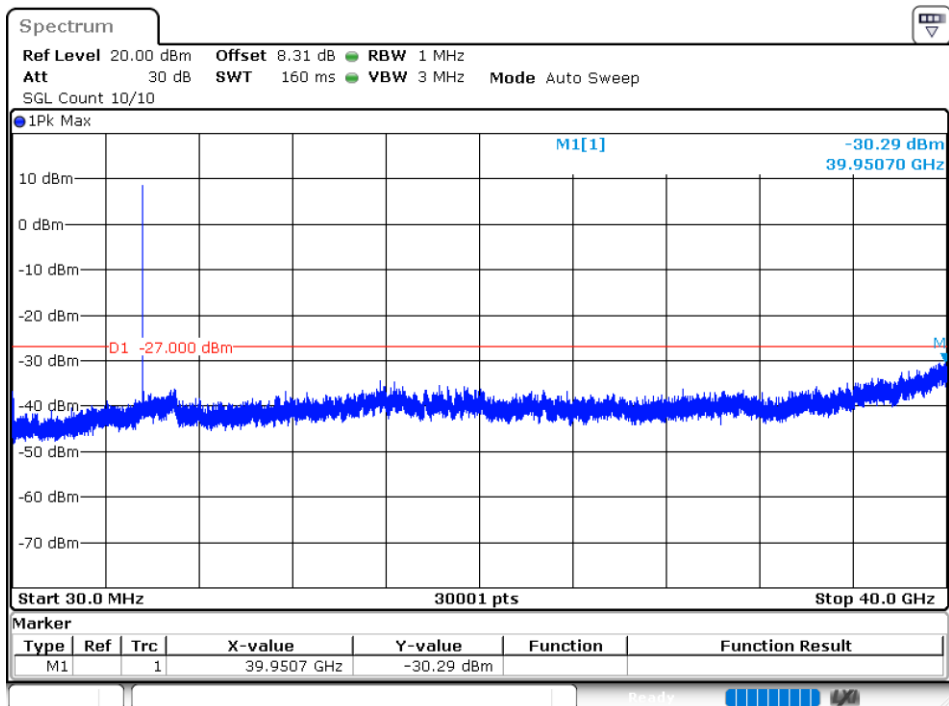
Tx. Spurious NVNT ac20 5500MHz Ant2 Emission



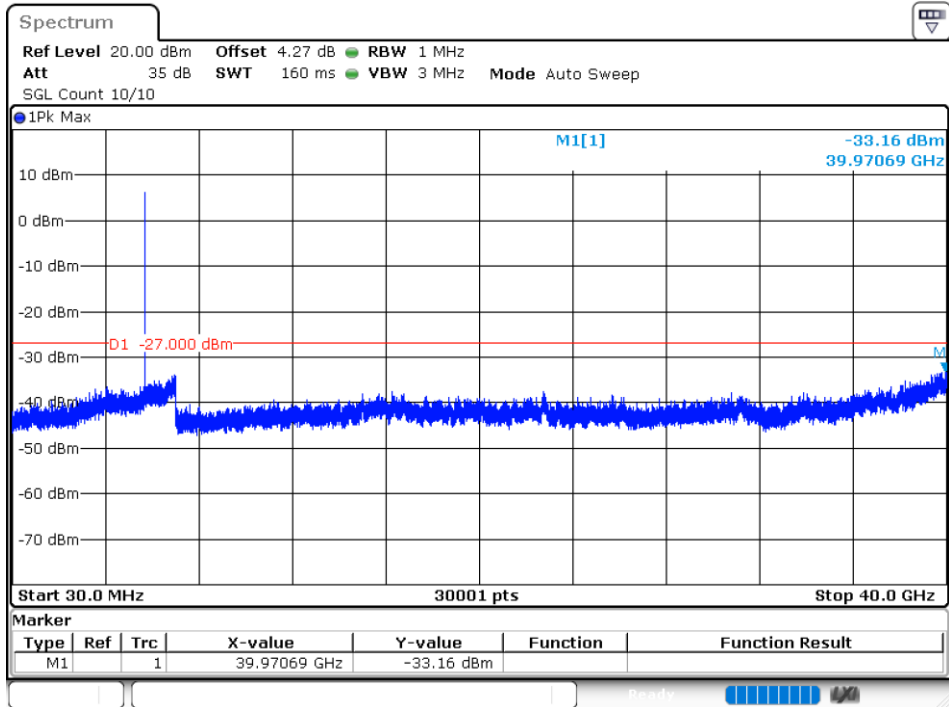
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



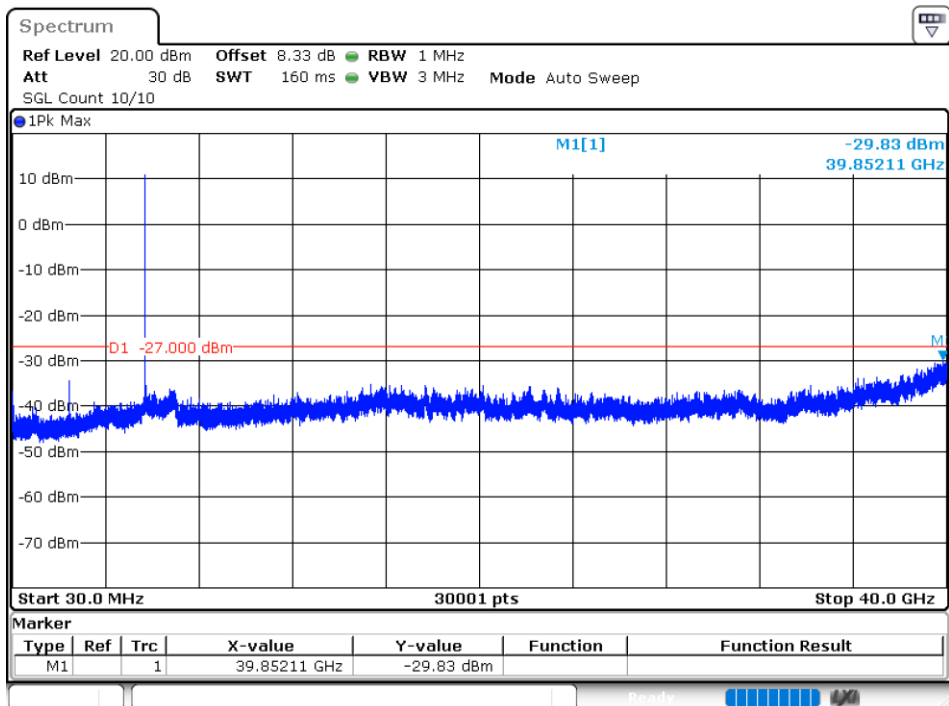
Tx. Spurious NVNT ac20 5600MHz Ant2 Emission



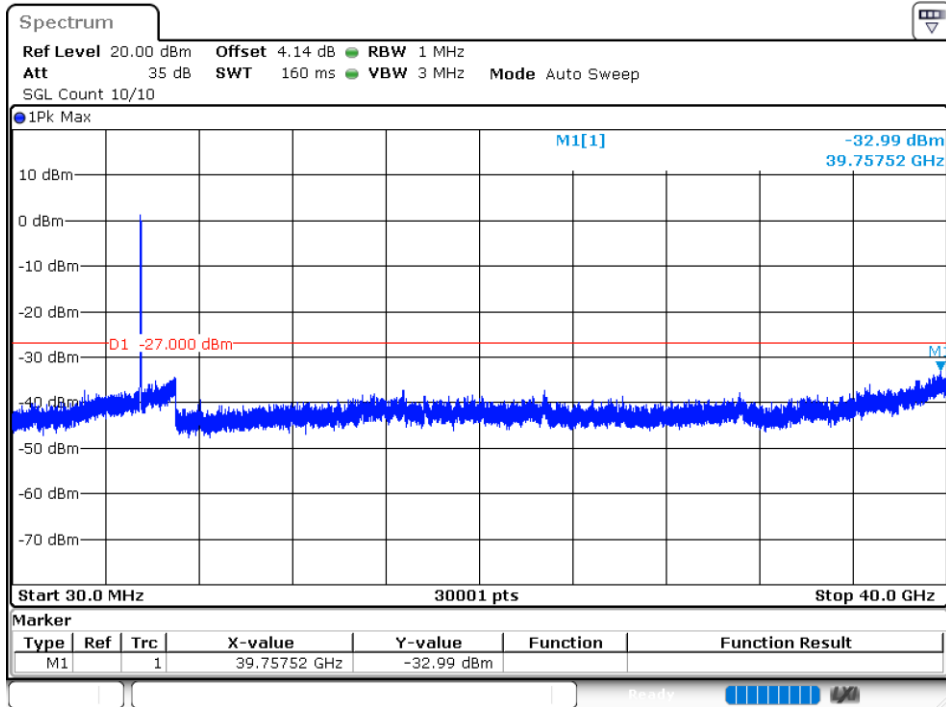
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



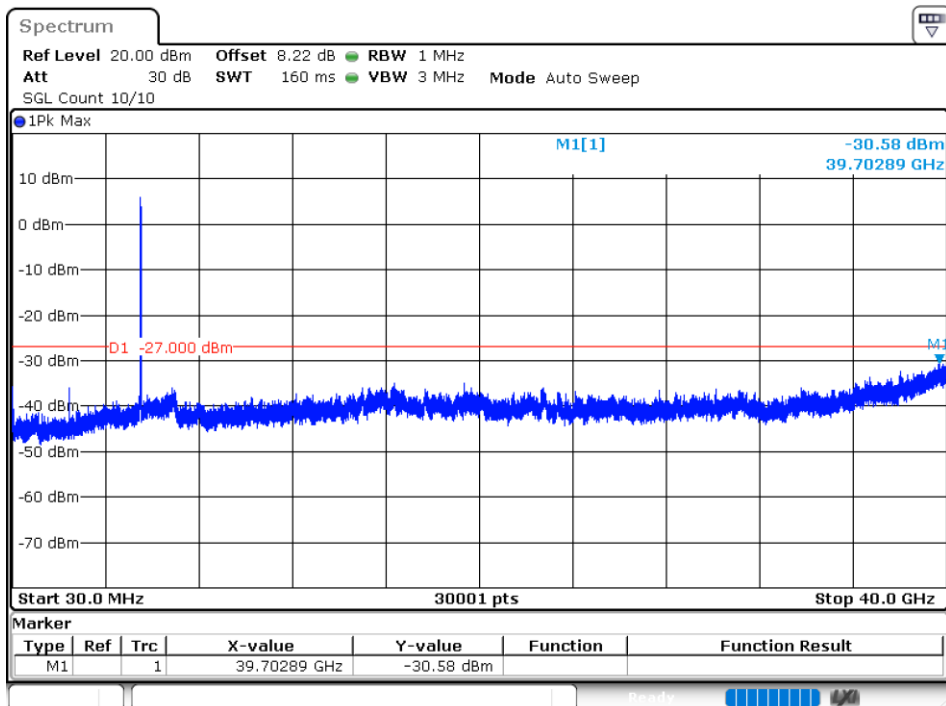
Tx. Spurious NVNT ac20 5700MHz Ant2 Emission



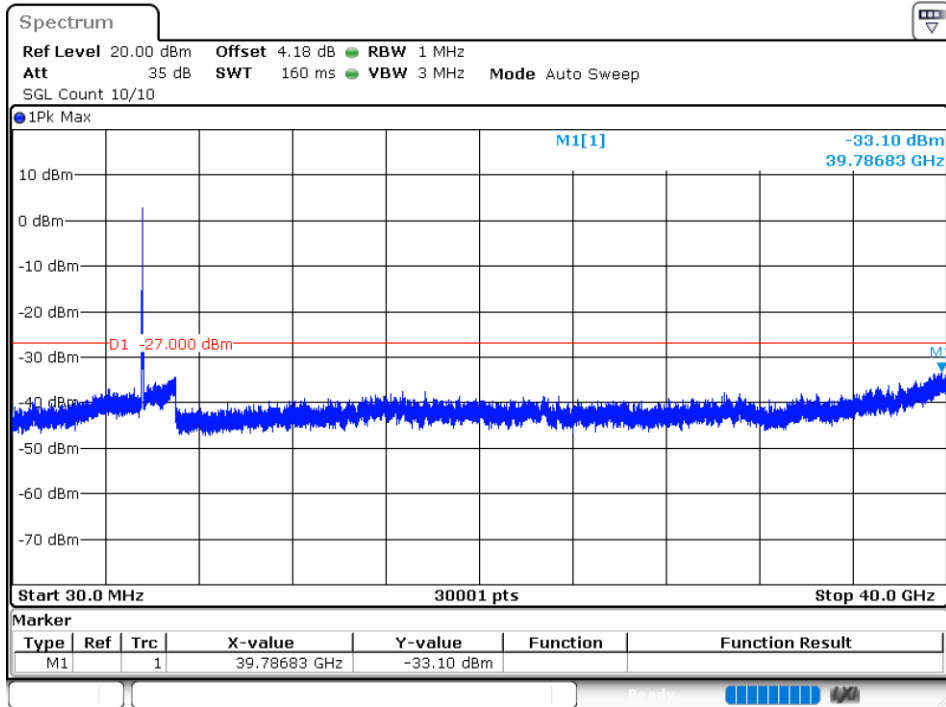
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



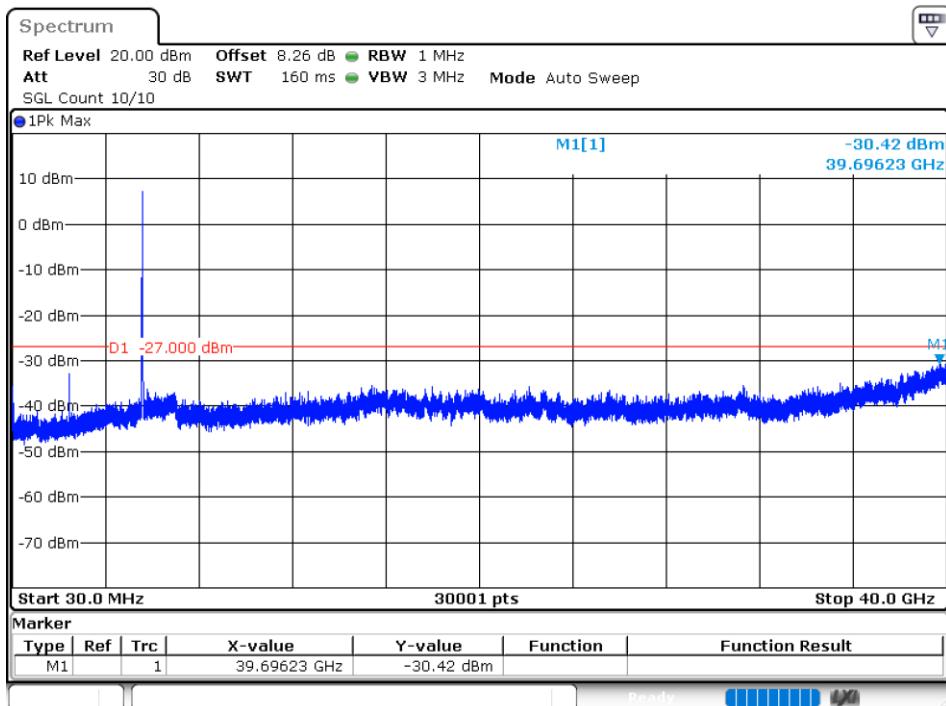
Tx. Spurious NVNT ac40 5510MHz Ant2 Emission



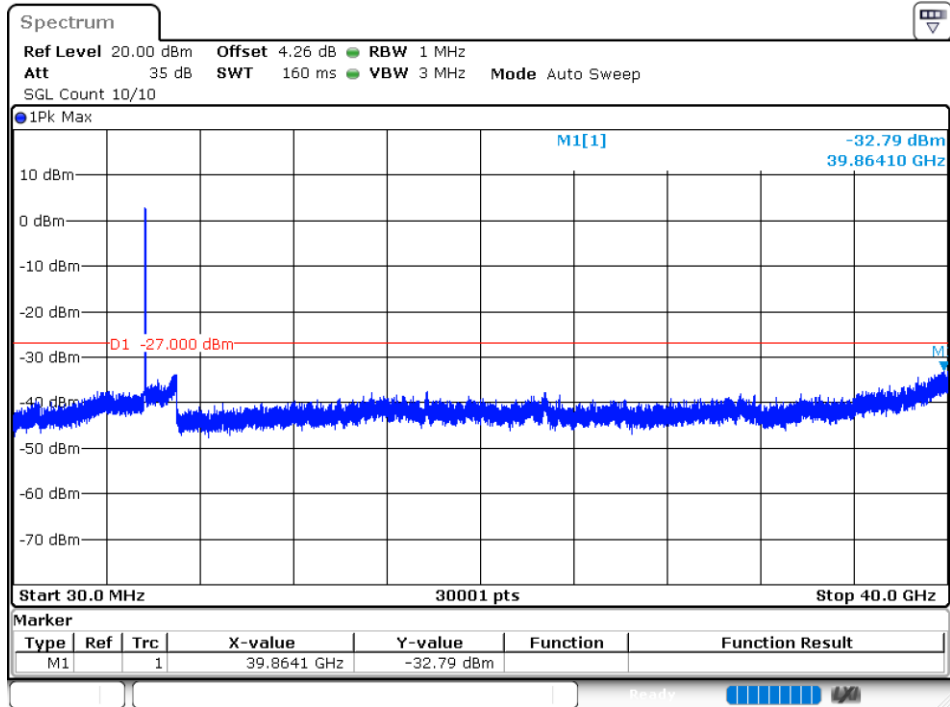
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



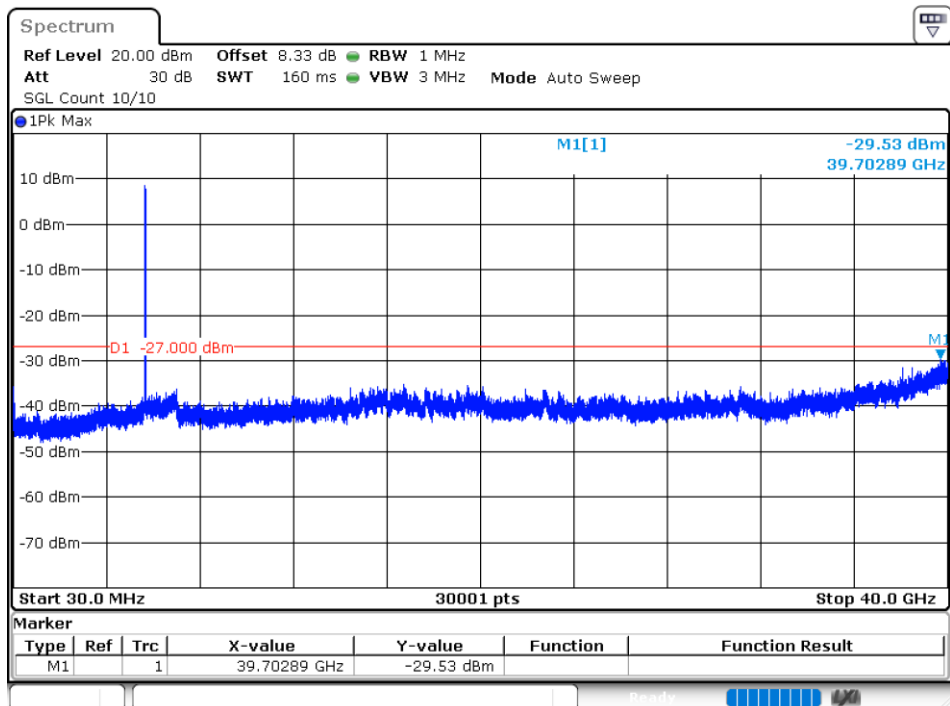
Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



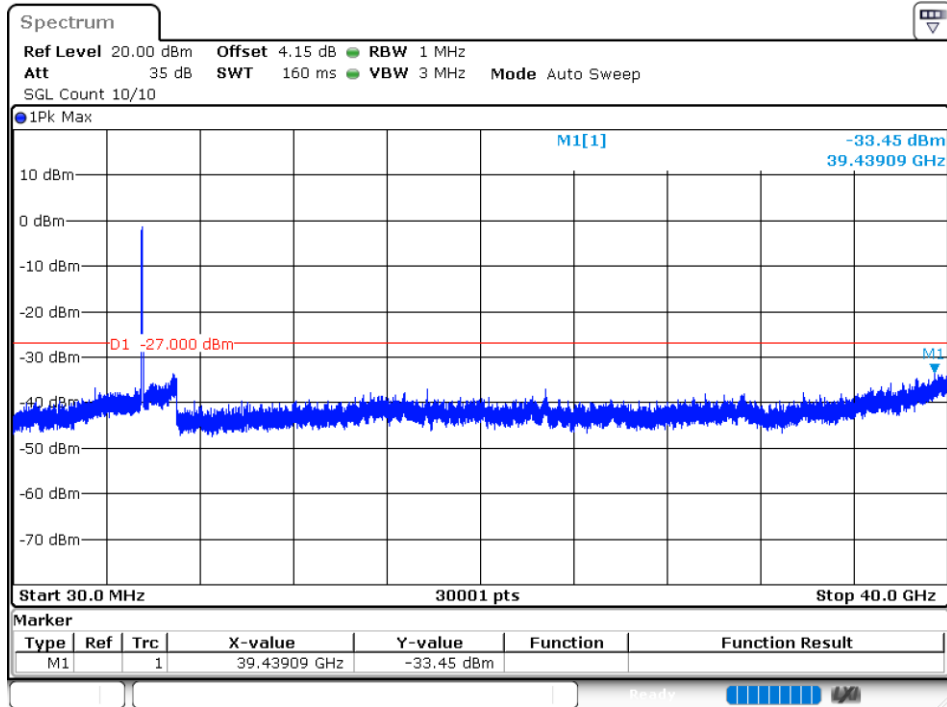
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



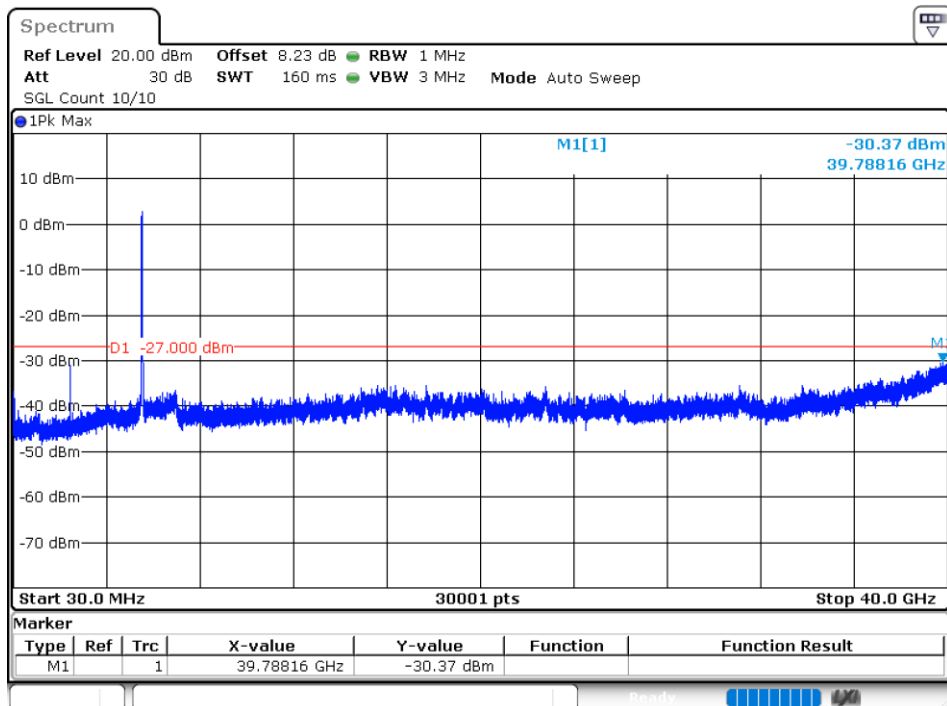
Tx. Spurious NVNT ac40 5670MHz Ant2 Emission



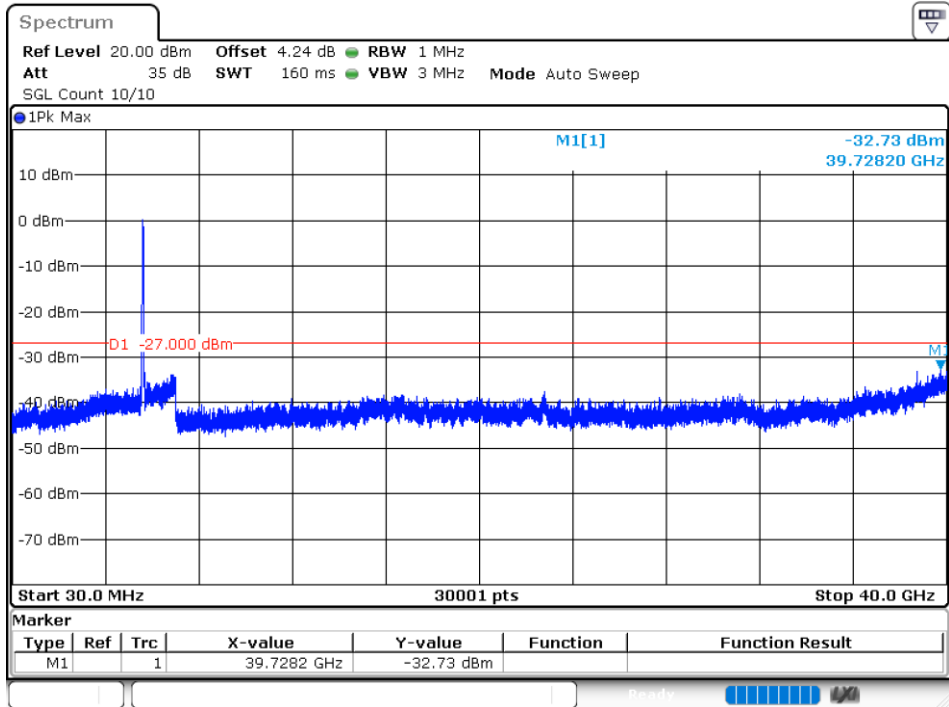
Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



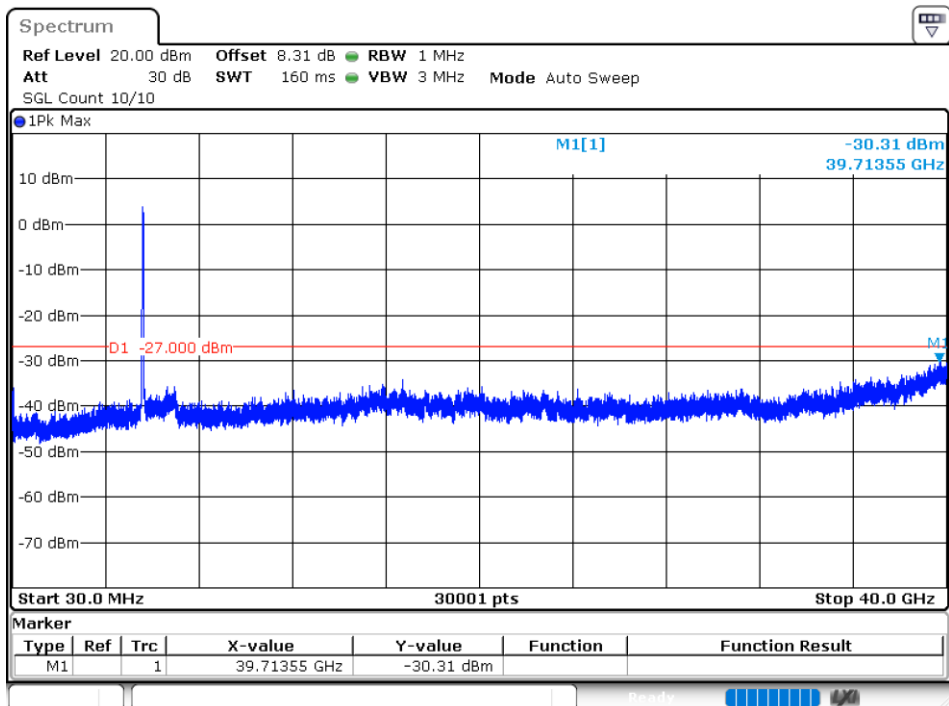
Tx. Spurious NVNT ac80 5530MHz Ant2 Emission



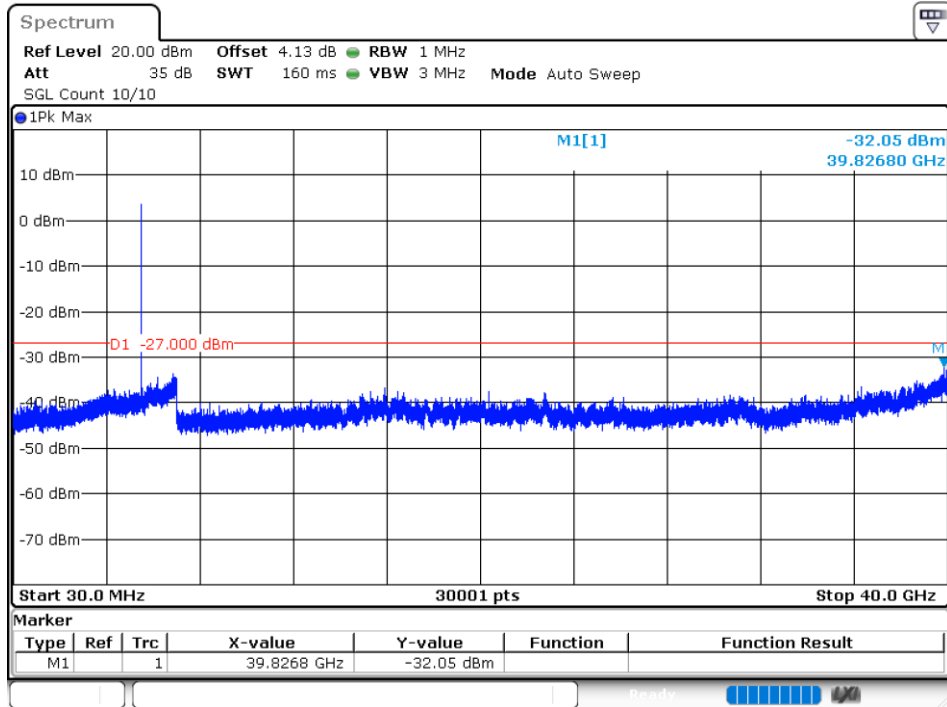
Tx. Spurious NVNT ac80 5610MHz Ant1 Emission



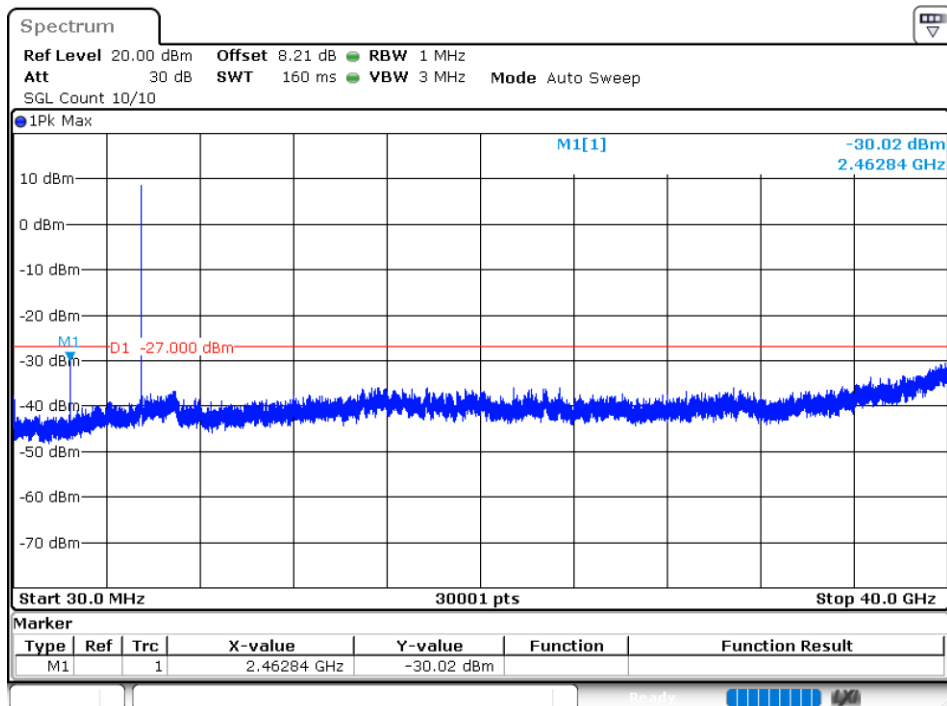
Tx. Spurious NVNT ac80 5610MHz Ant2 Emission



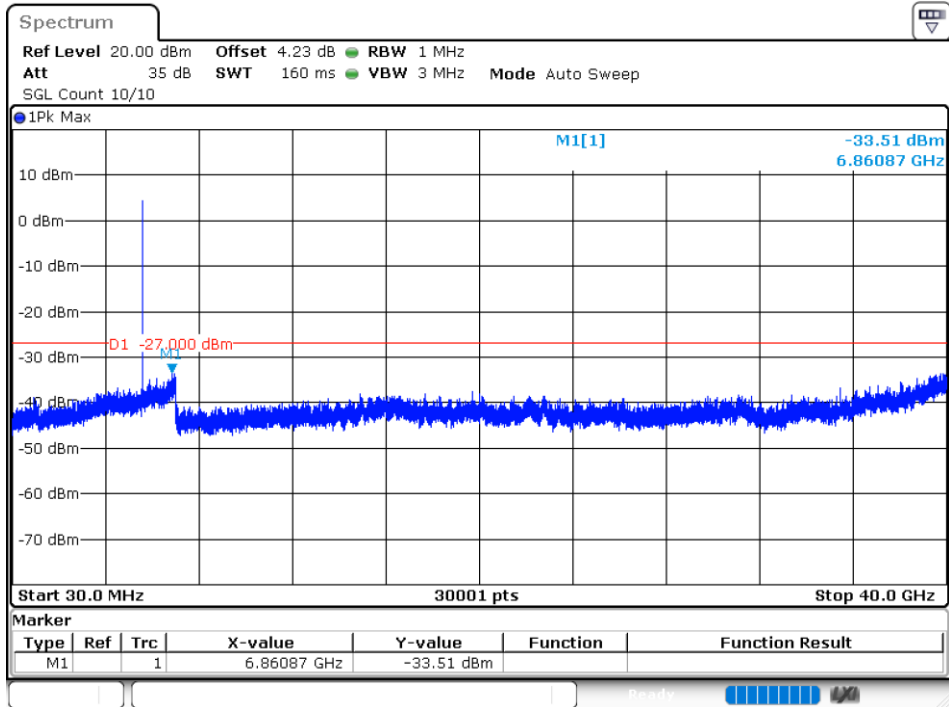
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



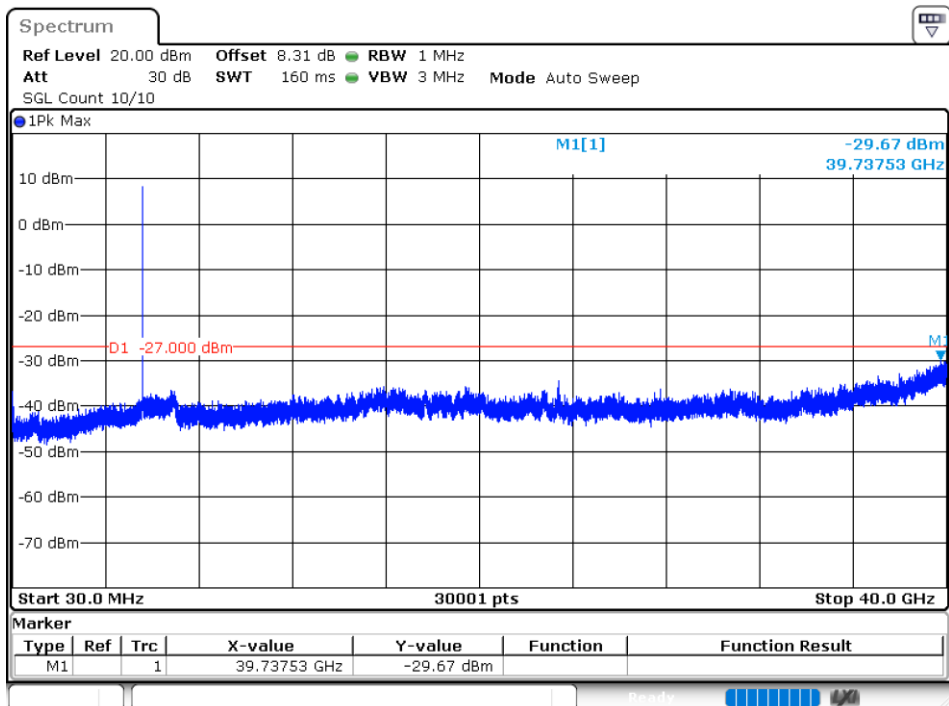
Tx. Spurious NVNT n20 5500MHz Ant2 Emission



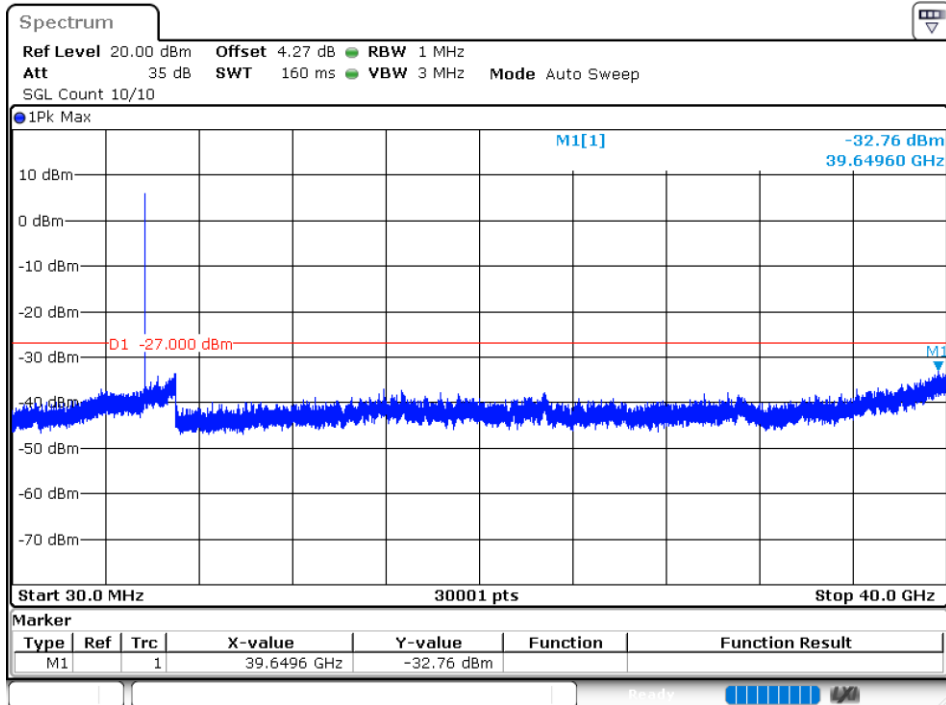
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



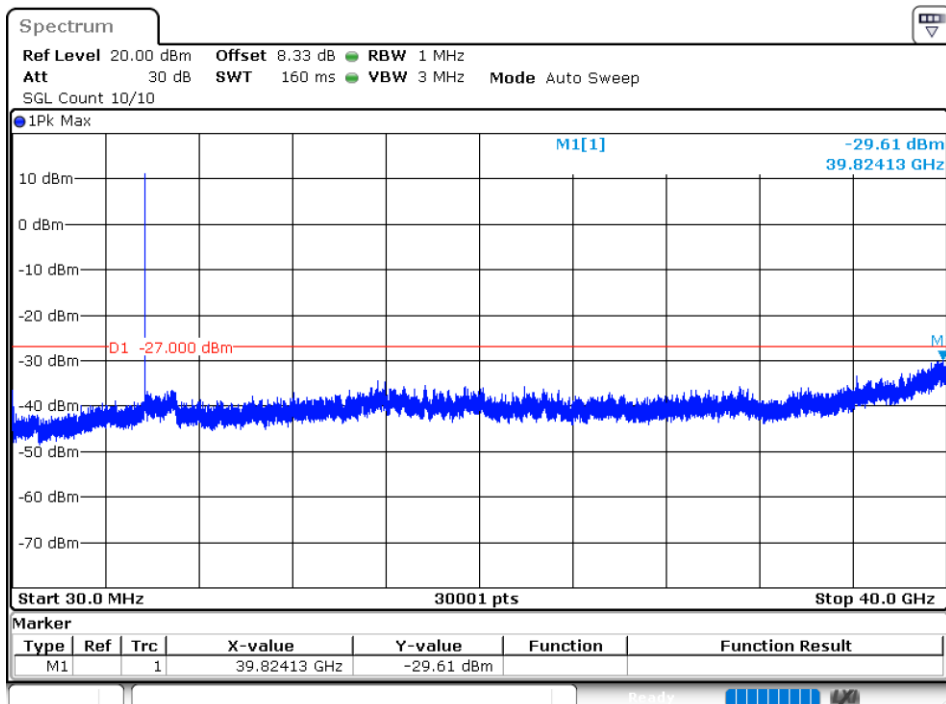
Tx. Spurious NVNT n20 5600MHz Ant2 Emission



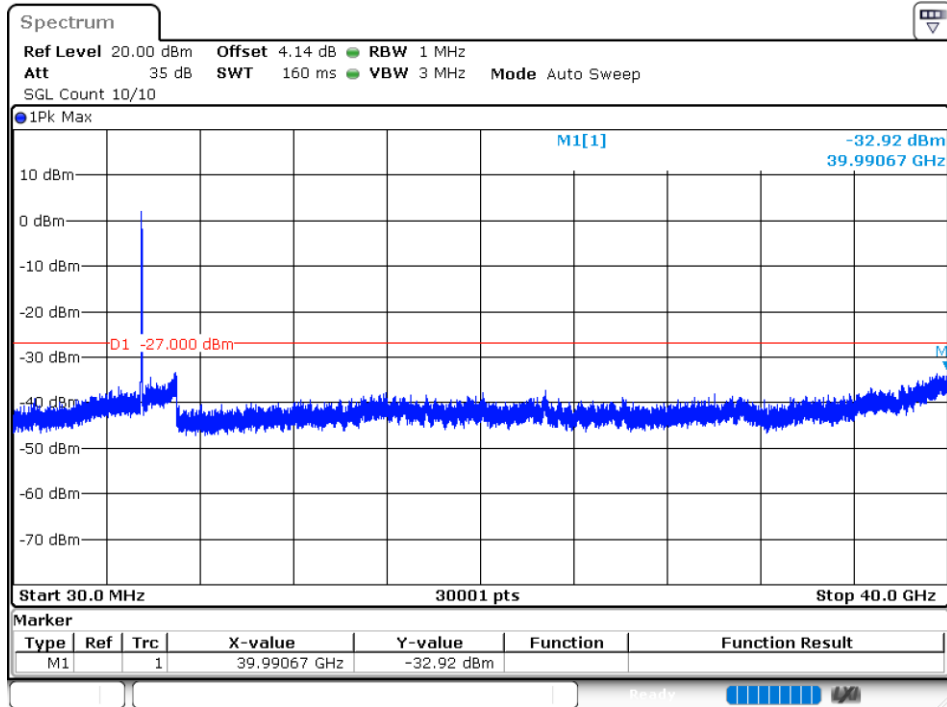
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



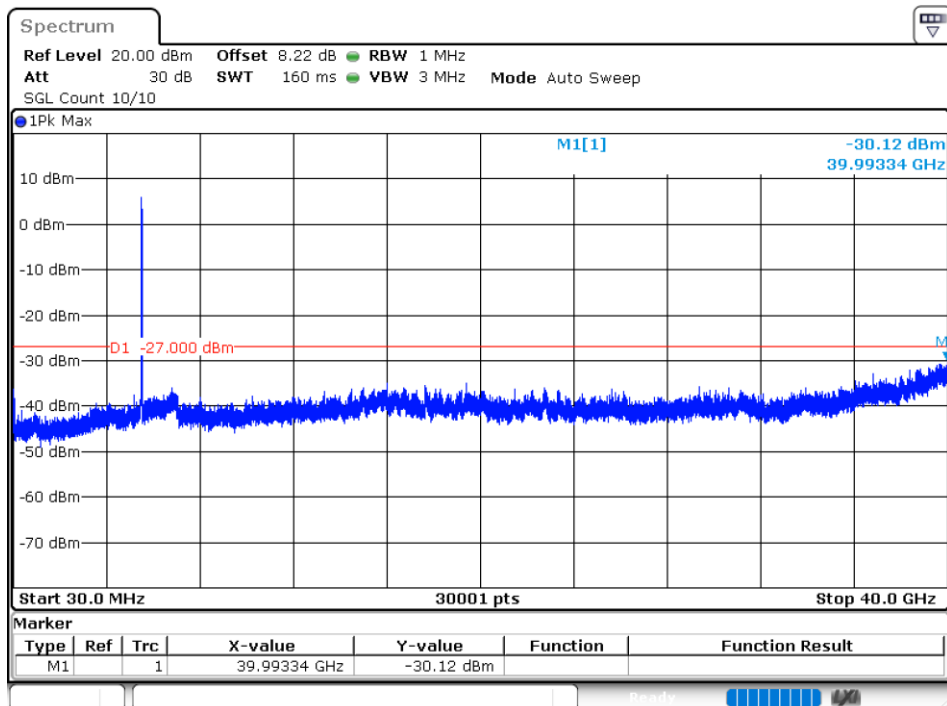
Tx. Spurious NVNT n20 5700MHz Ant2 Emission



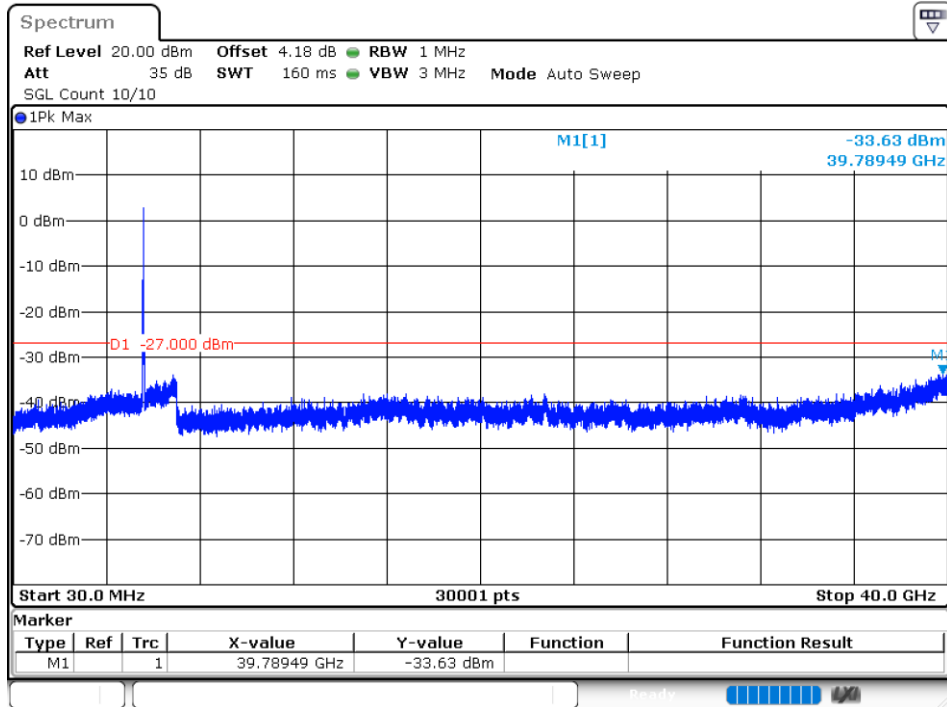
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



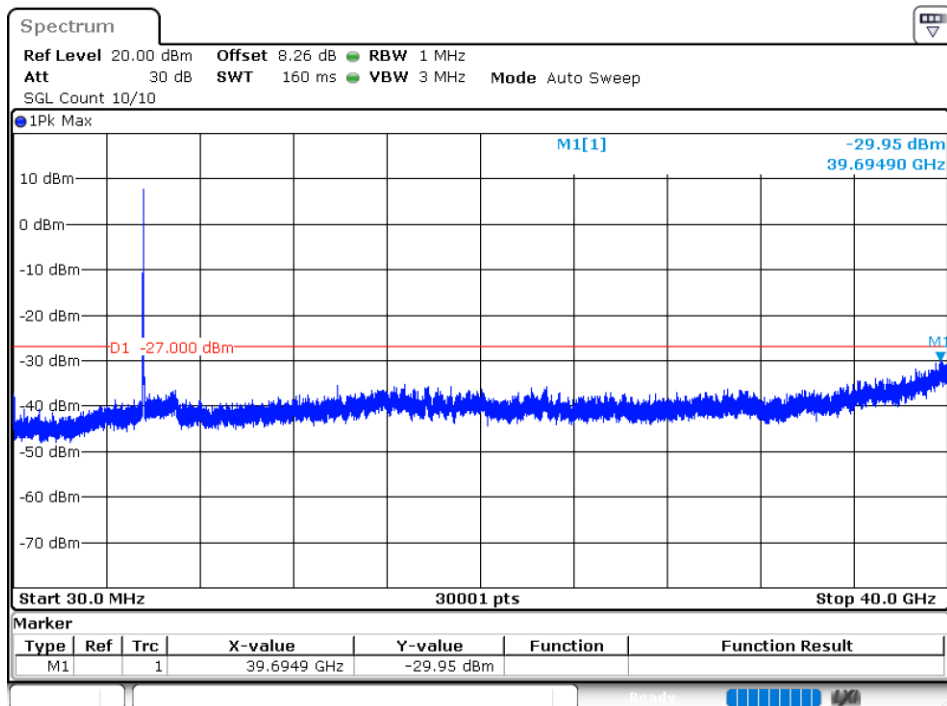
Tx. Spurious NVNT n40 5510MHz Ant2 Emission



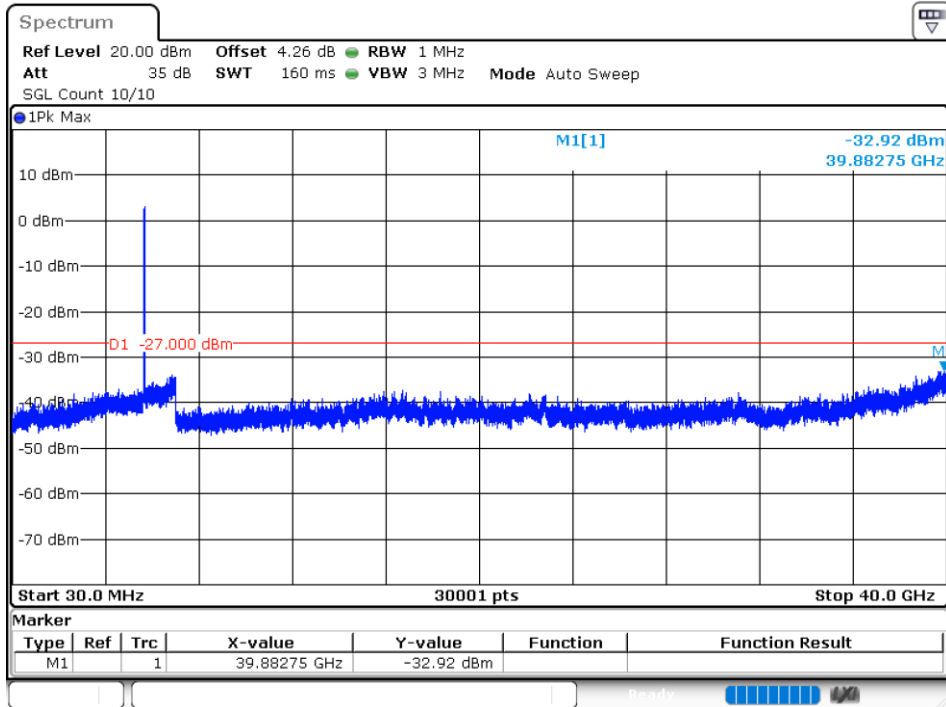
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



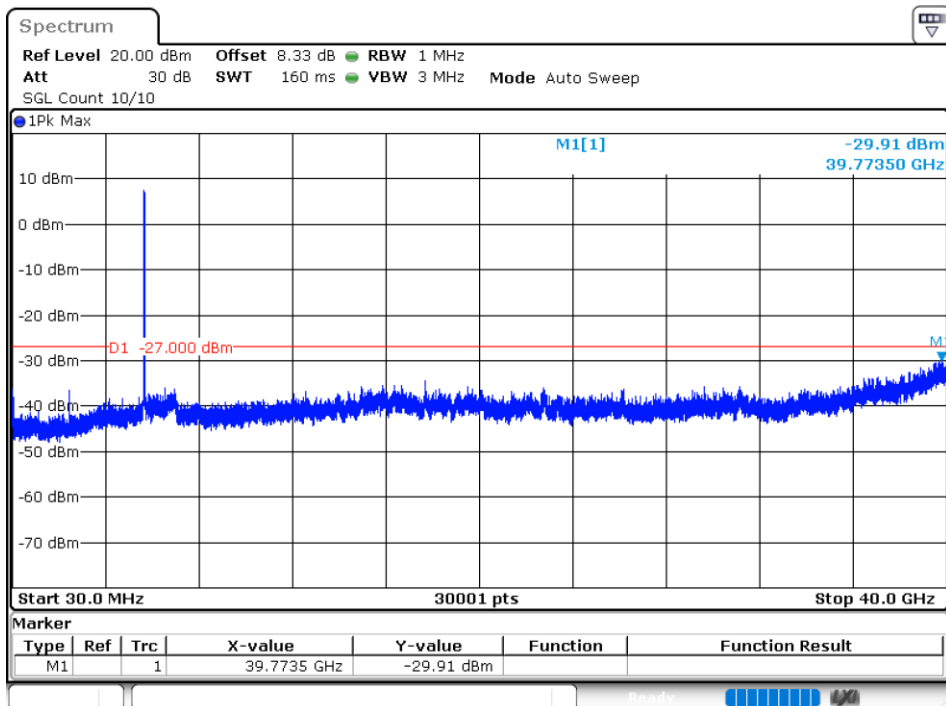
Tx. Spurious NVNT n40 5590MHz Ant2 Emission



Tx. Spurious NVNT n40 5670MHz Ant1 Emission



Tx. Spurious NVNT n40 5670MHz Ant2 Emission



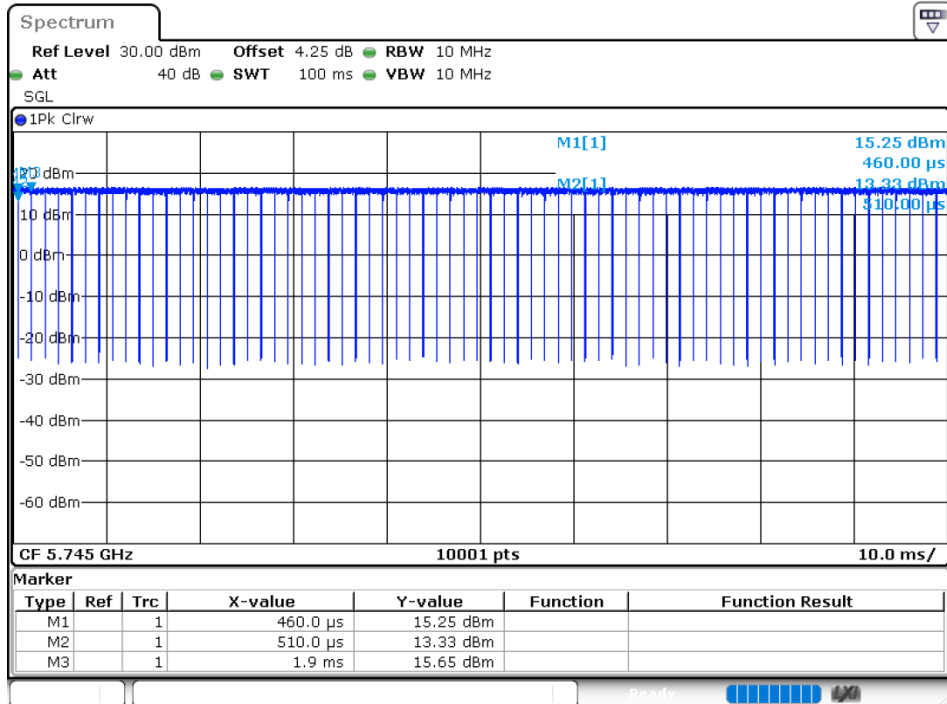
5.8GWIFI

Duty Cycle

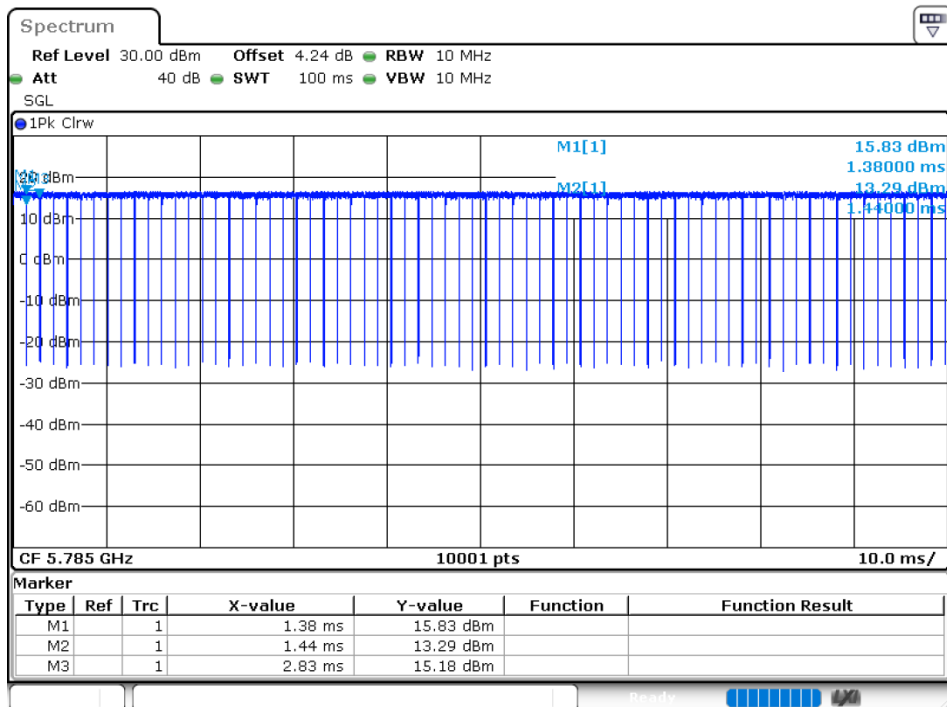
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	96.96	0.13	0.72
NVNT	a	5785	Ant1	96.96	0.13	0.72
NVNT	a	5825	Ant1	96.98	0.13	0.72
NVNT	a	5745	Ant2	96.97	0.13	0.71
NVNT	a	5785	Ant2	96.97	0.13	0.72
NVNT	a	5825	Ant2	96.97	0.13	0.71
NVNT	n20	5745	Ant1	96.74	0.14	0.77
NVNT	n20	5785	Ant1	96.74	0.14	0.77
NVNT	n20	5825	Ant1	96.76	0.14	0.77
NVNT	n20	5745	Ant2	96.74	0.14	0.77
NVNT	n20	5785	Ant2	96.75	0.14	0.77
NVNT	n20	5825	Ant2	96.75	0.14	0.77
NVNT	n40	5755	Ant1	93.83	0.28	1.54
NVNT	n40	5795	Ant1	93.86	0.28	1.54
NVNT	n40	5755	Ant2	93.87	0.27	1.56
NVNT	n40	5795	Ant2	93.9	0.27	1.54
NVNT	ac20	5745	Ant1	96.8	0.14	0.76
NVNT	ac20	5785	Ant1	96.76	0.14	0.76
NVNT	ac20	5825	Ant1	96.77	0.14	0.76
NVNT	ac20	5745	Ant2	96.8	0.14	0.76
NVNT	ac20	5785	Ant2	96.79	0.14	0.76
NVNT	ac20	5825	Ant2	96.79	0.14	0.76
NVNT	ac40	5755	Ant1	94.32	0.25	1.54
NVNT	ac40	5795	Ant1	93.61	0.29	1.54
NVNT	ac40	5755	Ant2	94.32	0.25	1.54
NVNT	ac40	5795	Ant2	93.61	0.29	1.54
NVNT	ac80	5775	Ant1	63.07	2	16.67
NVNT	ac80	5775	Ant2	88.63	0.52	3.12

Test Graphs

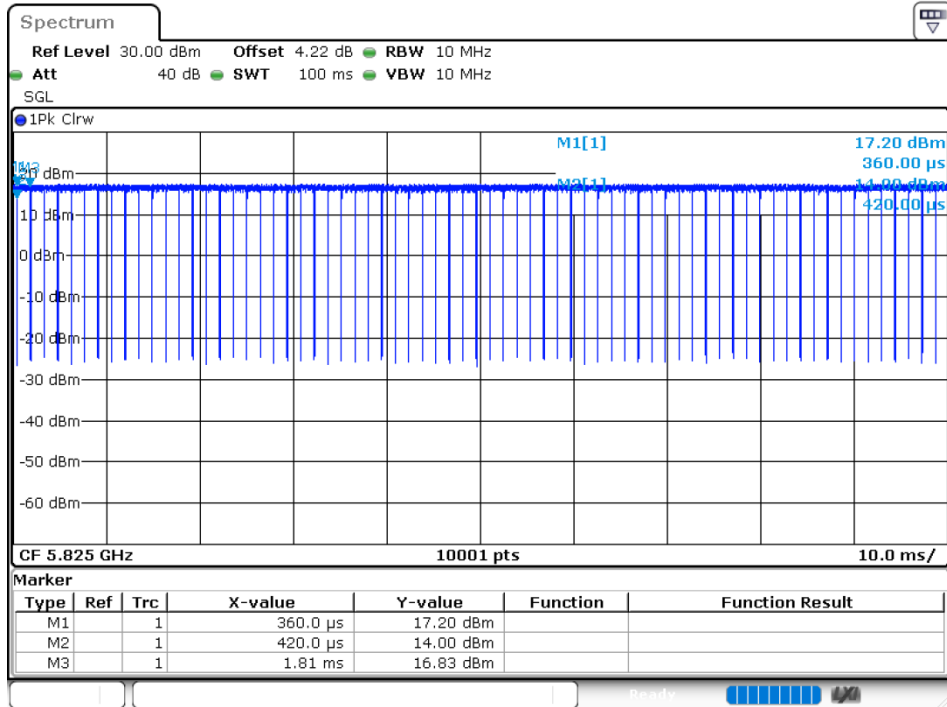
Duty Cycle NVNT a 5745MHz Ant1



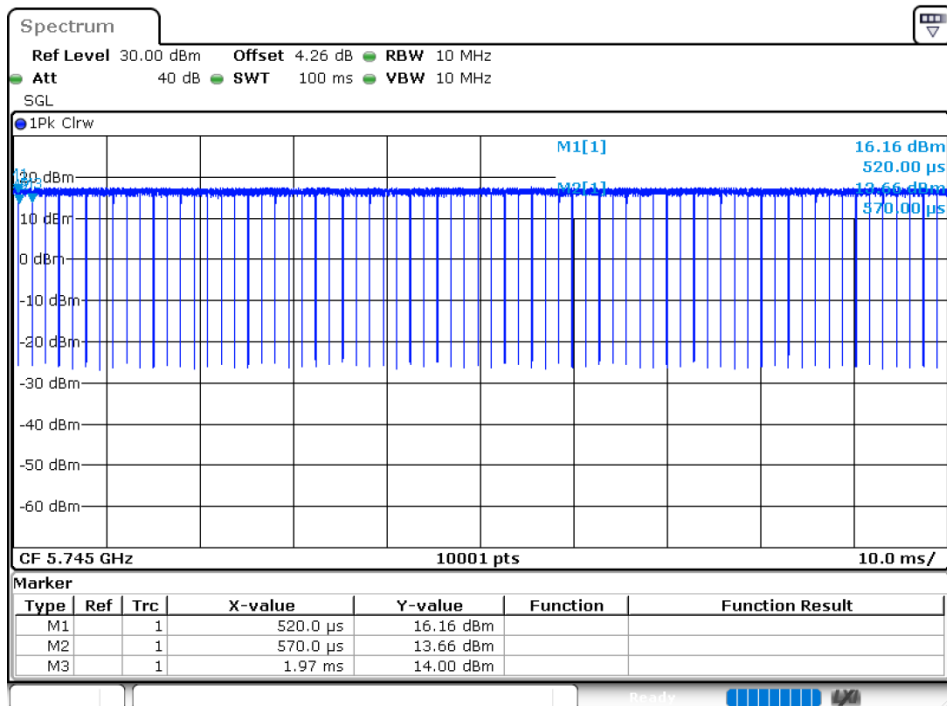
Duty Cycle NVNT a 5785MHz Ant1



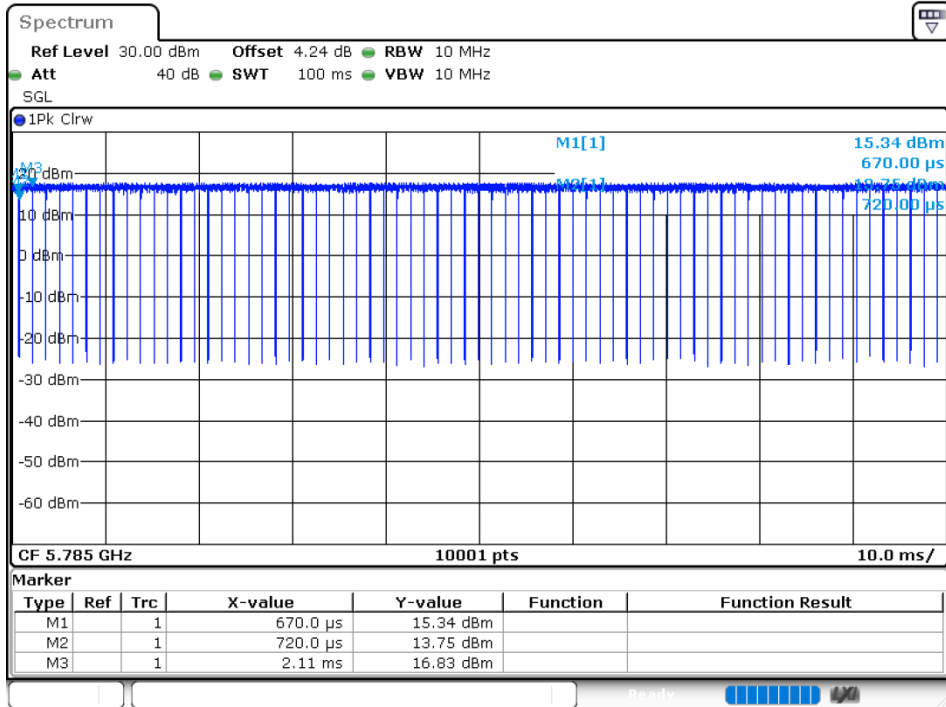
Duty Cycle NVNT a 5825MHz Ant1



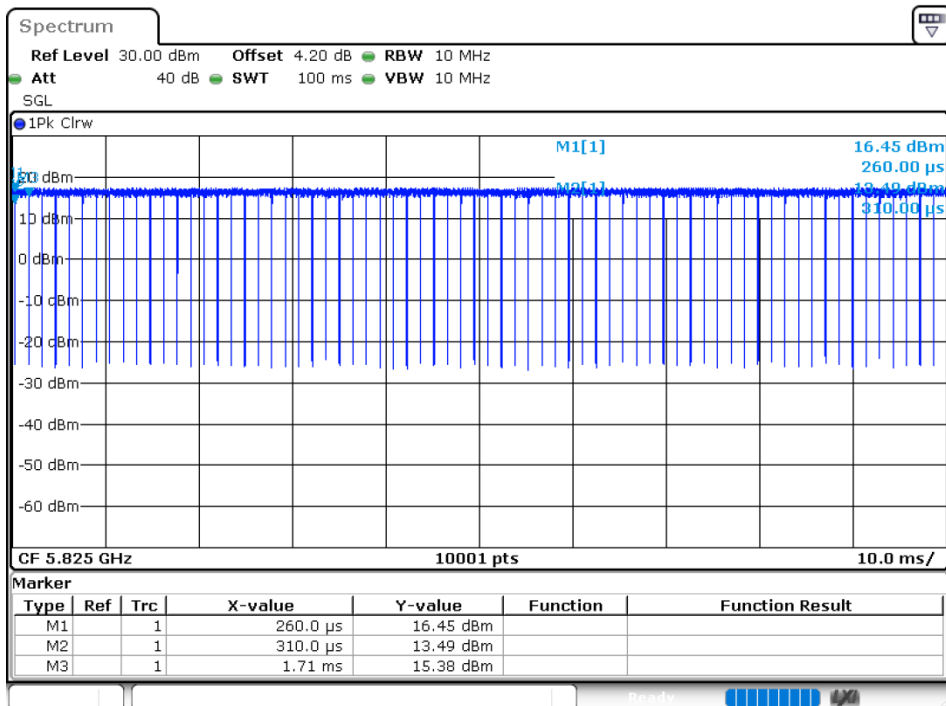
Duty Cycle NVNT a 5745MHz Ant2



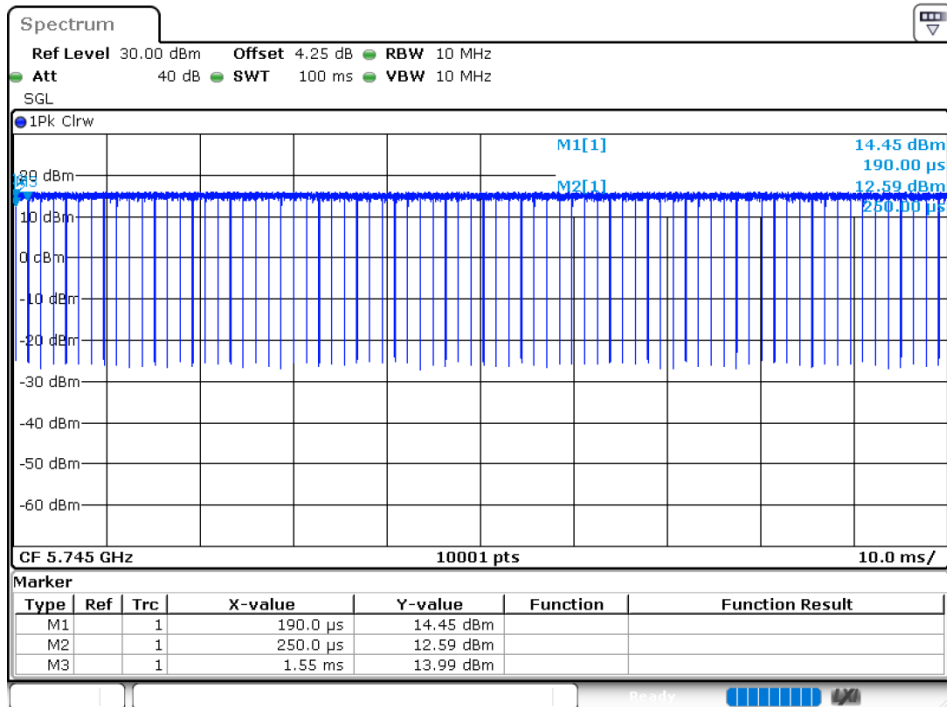
Duty Cycle NVNT a 5785MHz Ant2



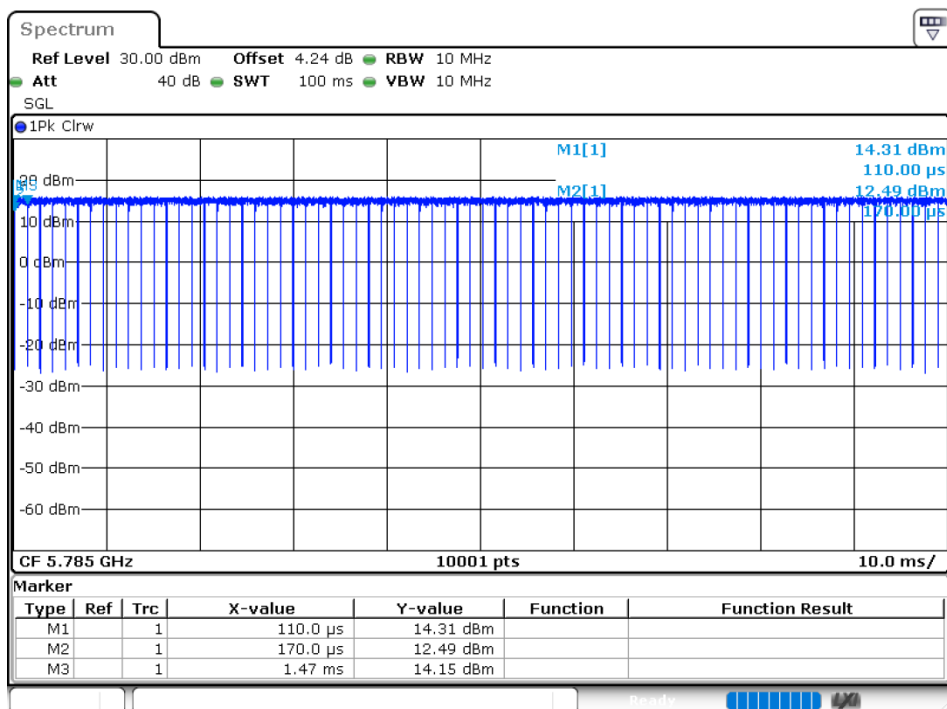
Duty Cycle NVNT a 5825MHz Ant2



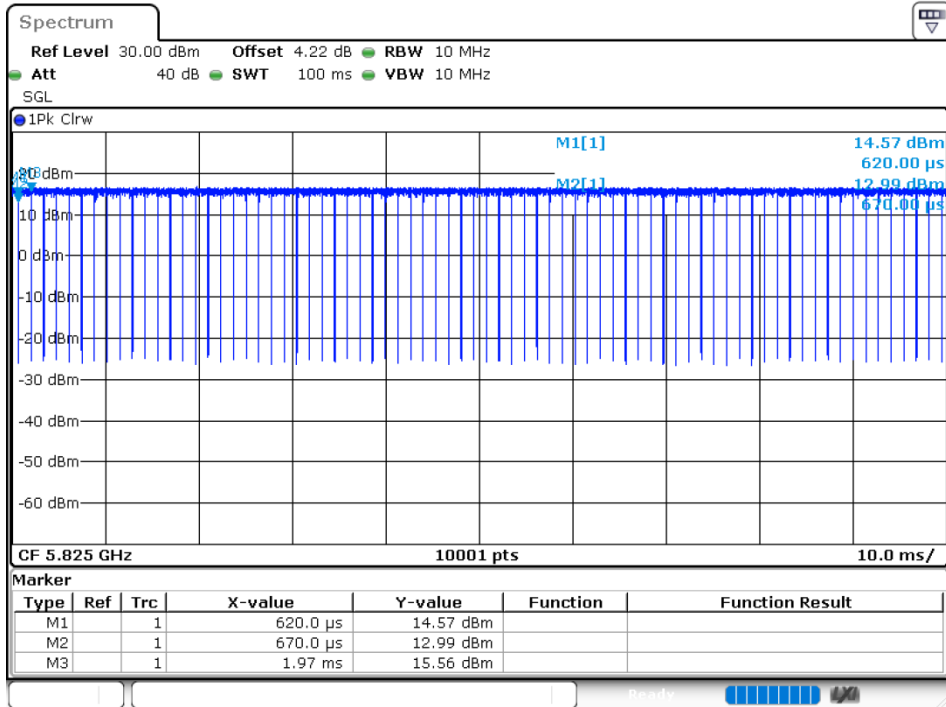
Duty Cycle NVNT n20 5745MHz Ant1



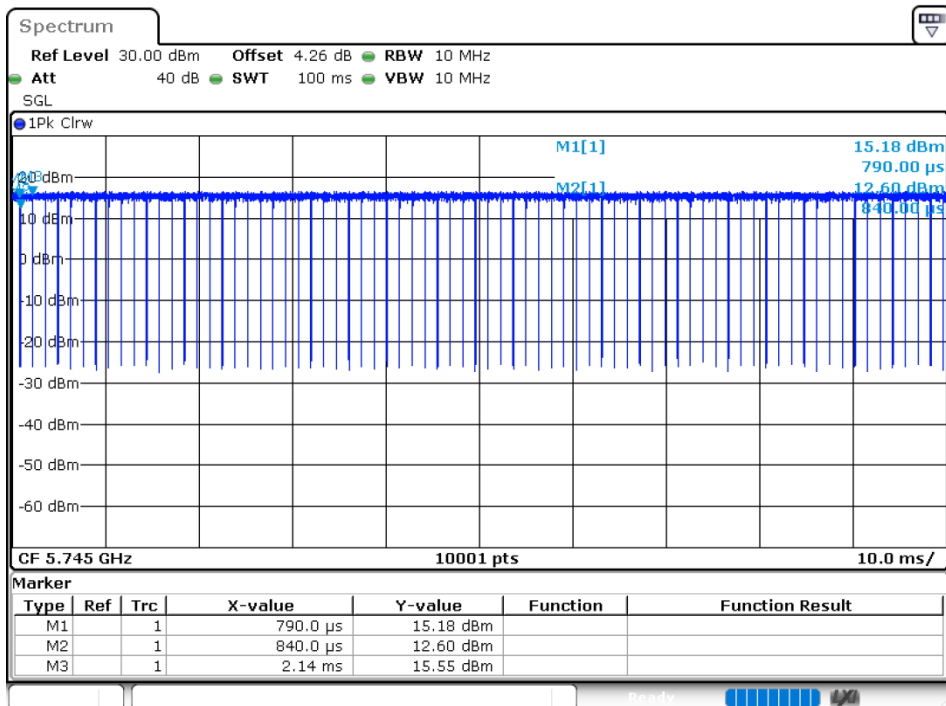
Duty Cycle NVNT n20 5785MHz Ant1



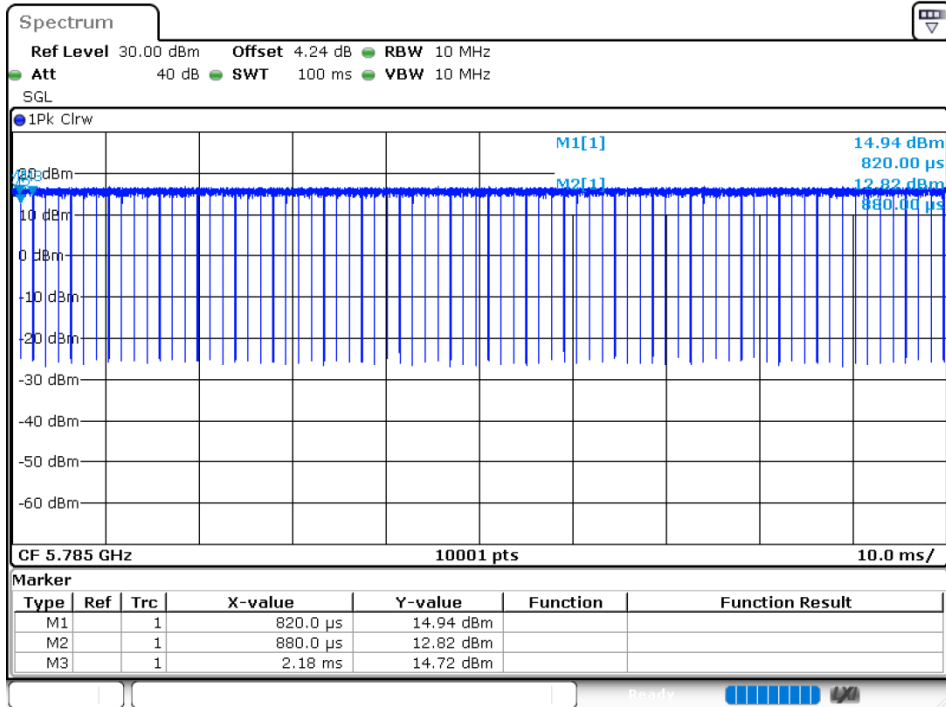
Duty Cycle NVNT n20 5825MHz Ant1



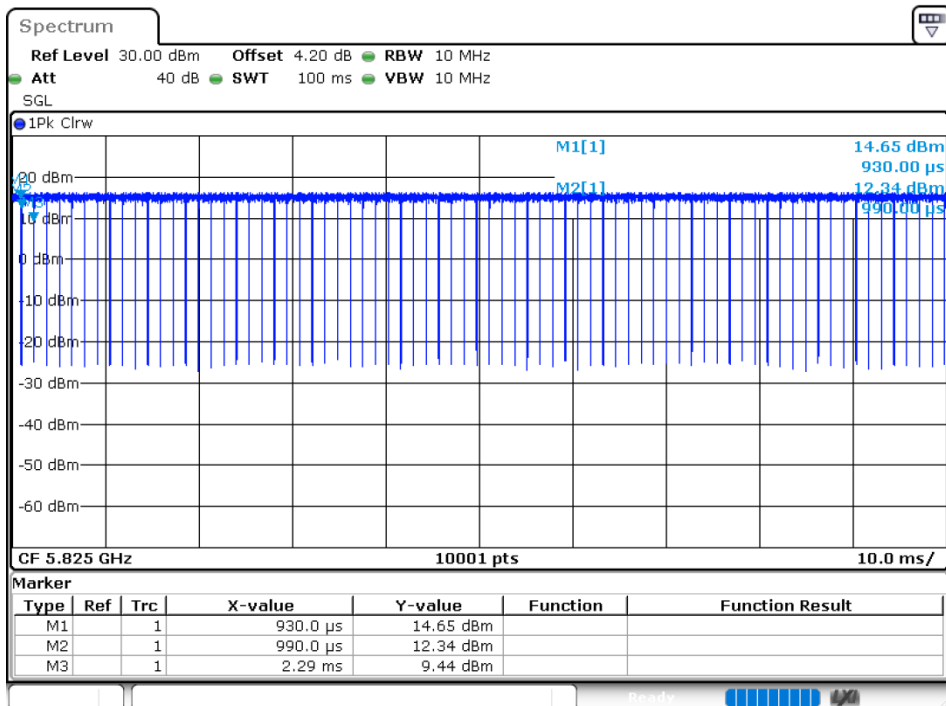
Duty Cycle NVNT n20 5745MHz Ant2



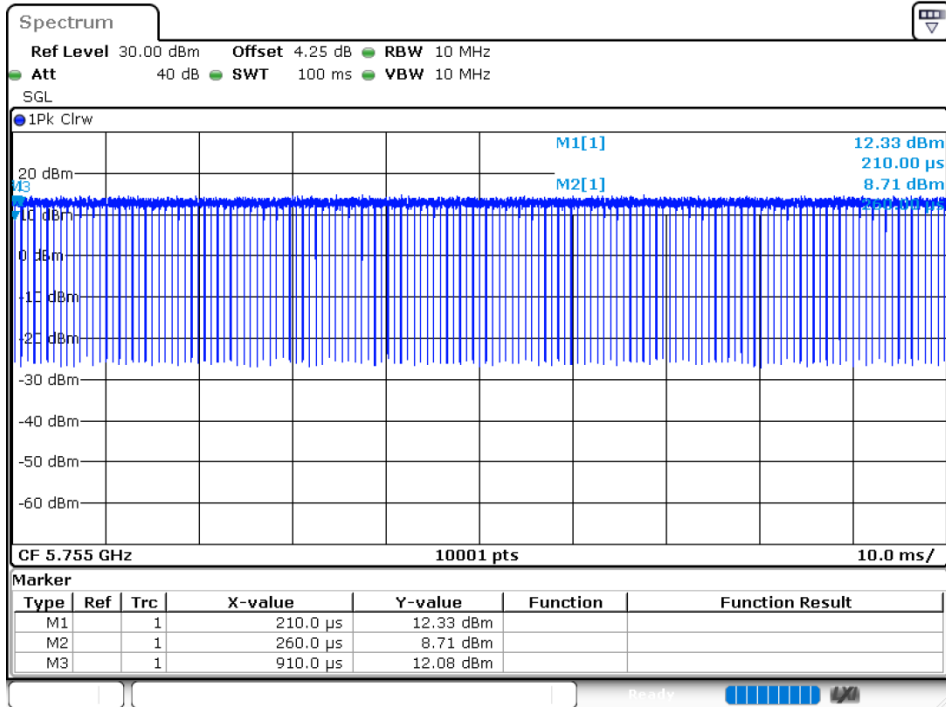
Duty Cycle NVNT n20 5785MHz Ant2



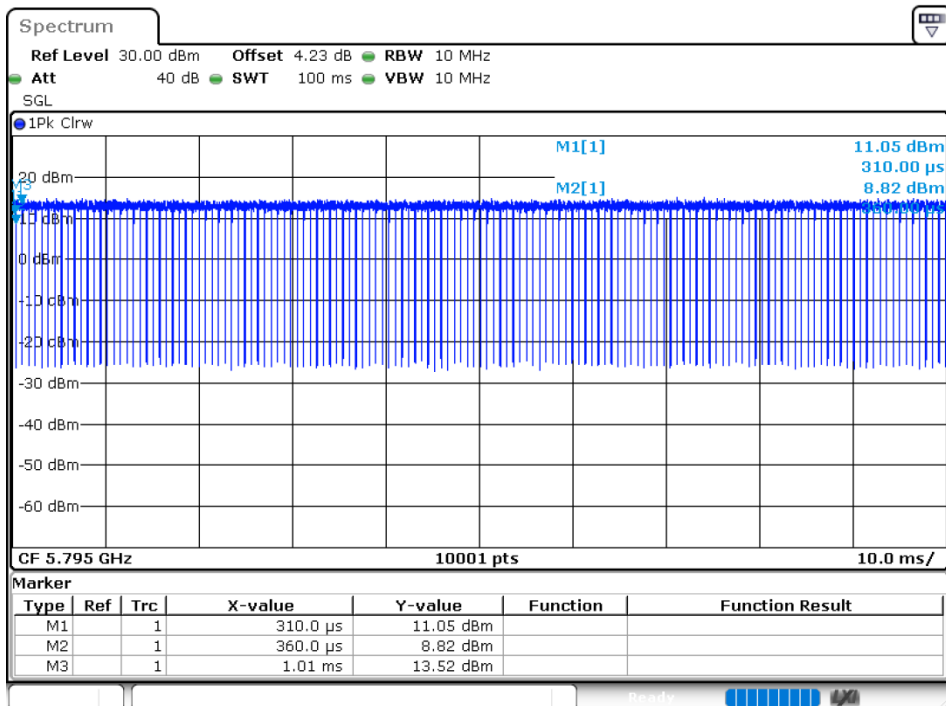
Duty Cycle NVNT n20 5825MHz Ant2



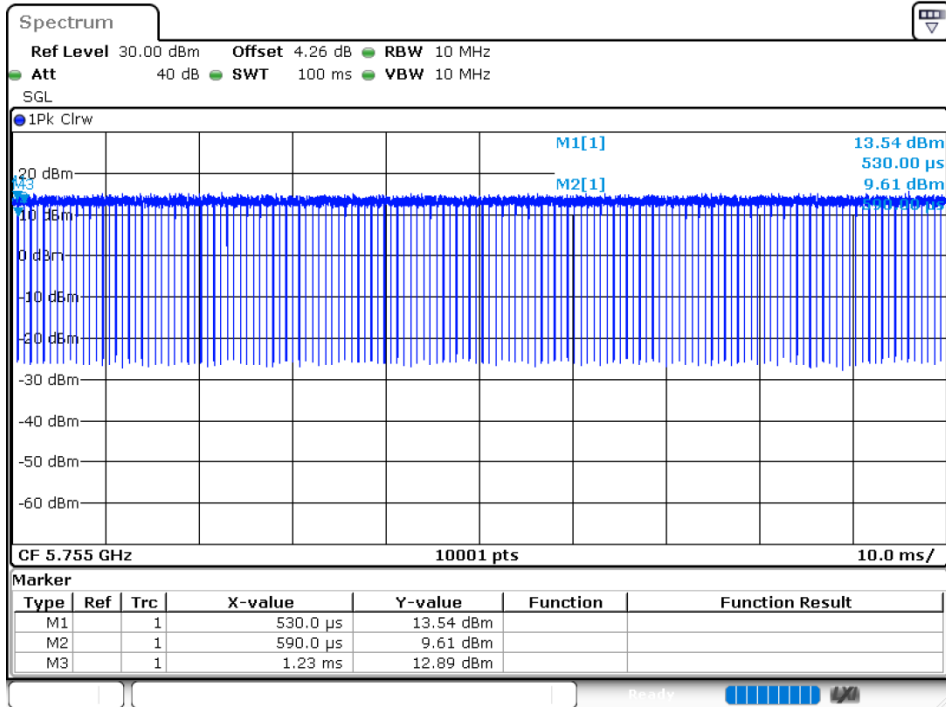
Duty Cycle NVNT n40 5755MHz Ant1



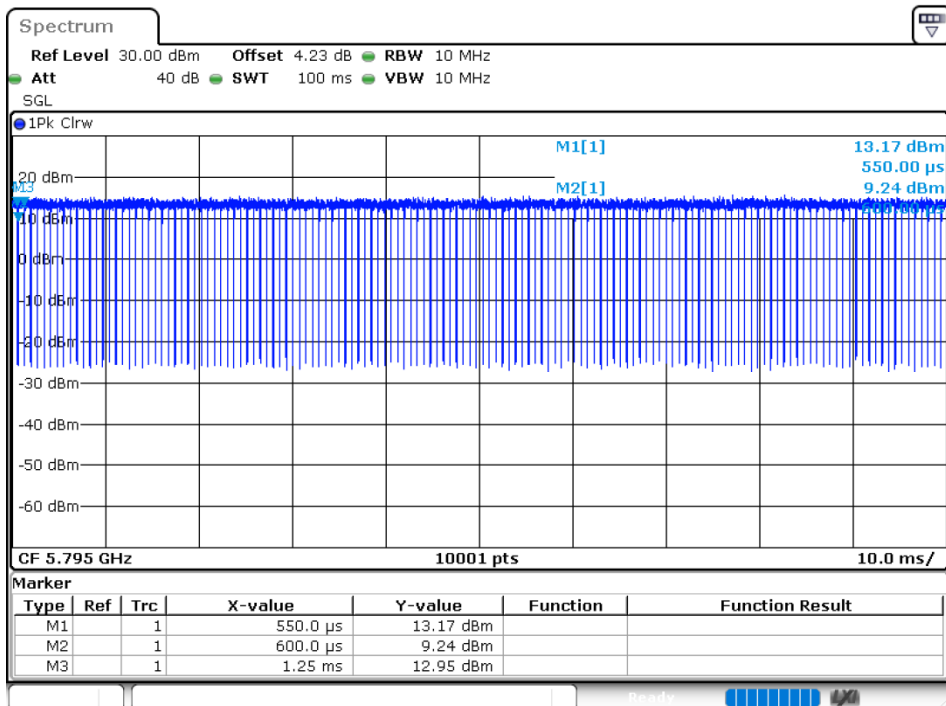
Duty Cycle NVNT n40 5795MHz Ant1



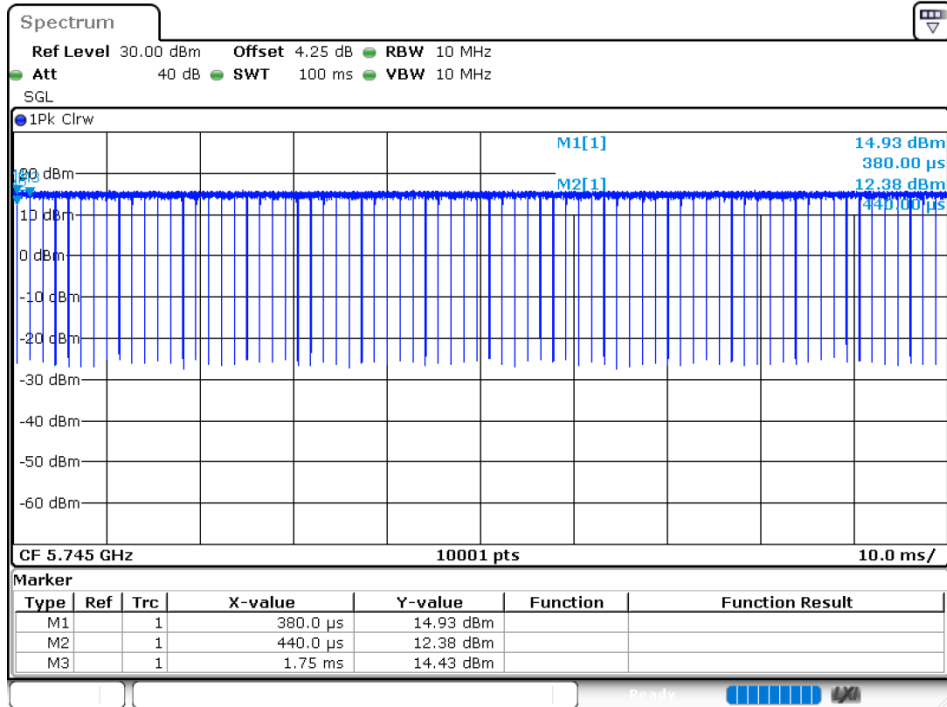
Duty Cycle NVNT n40 5755MHz Ant2



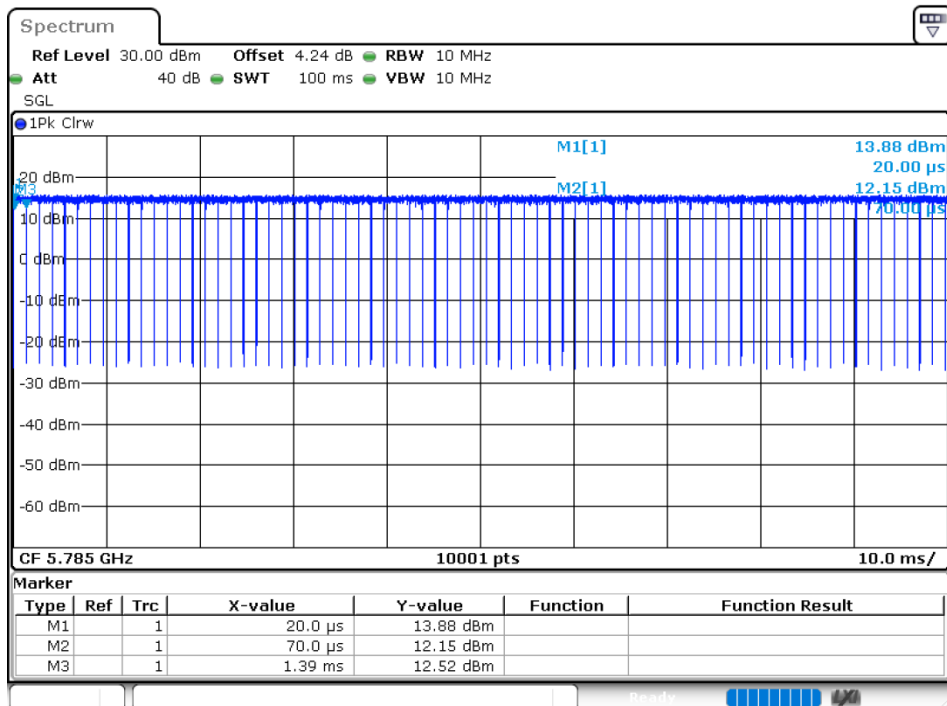
Duty Cycle NVNT n40 5795MHz Ant2



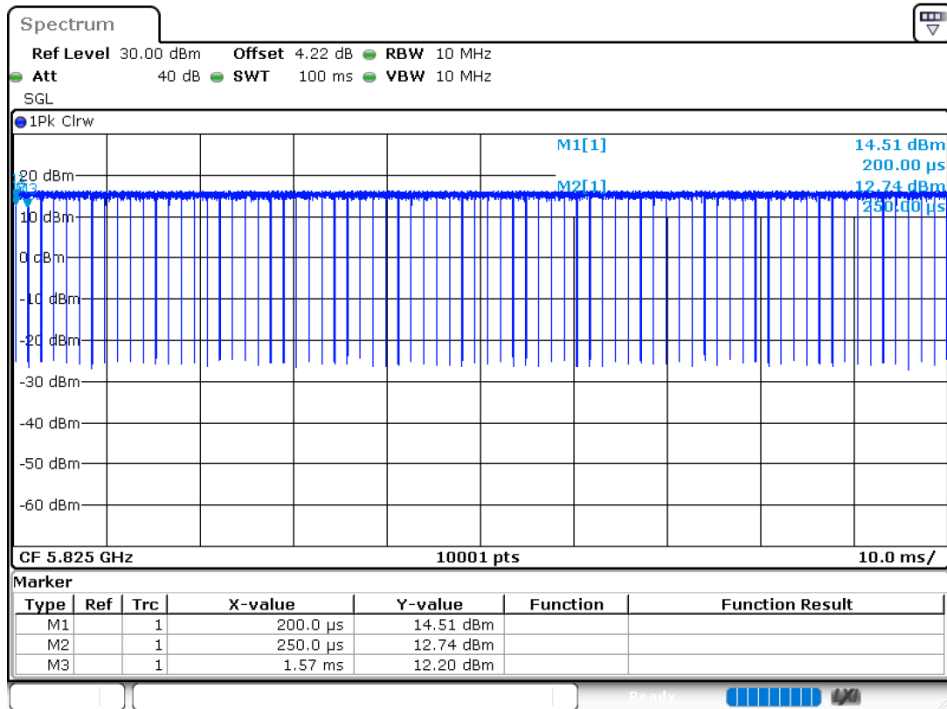
Duty Cycle NVNT ac20 5745MHz Ant1



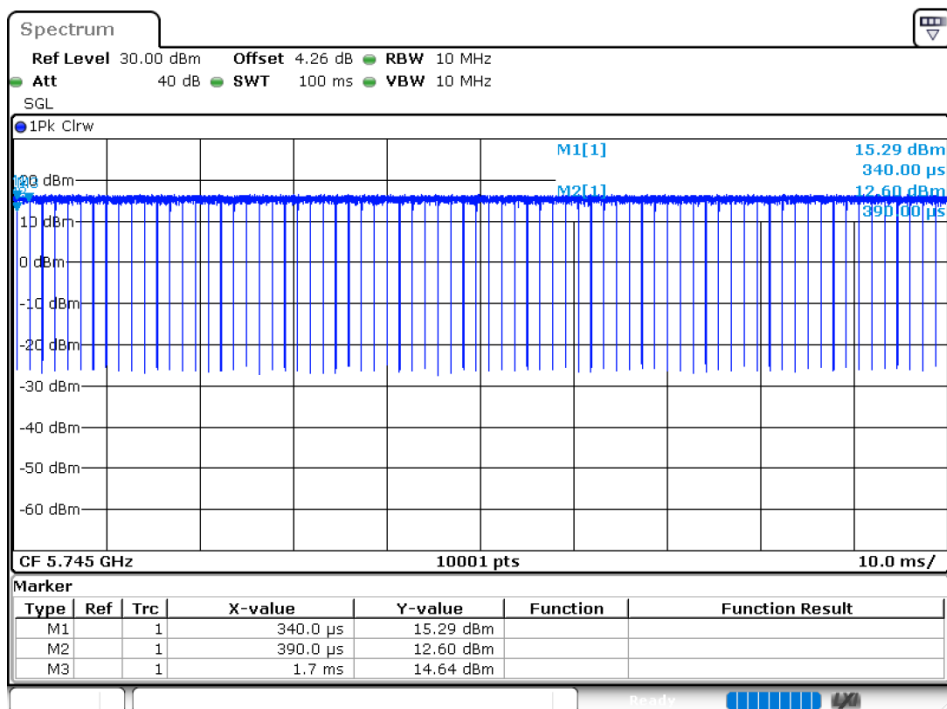
Duty Cycle NVNT ac20 5785MHz Ant1



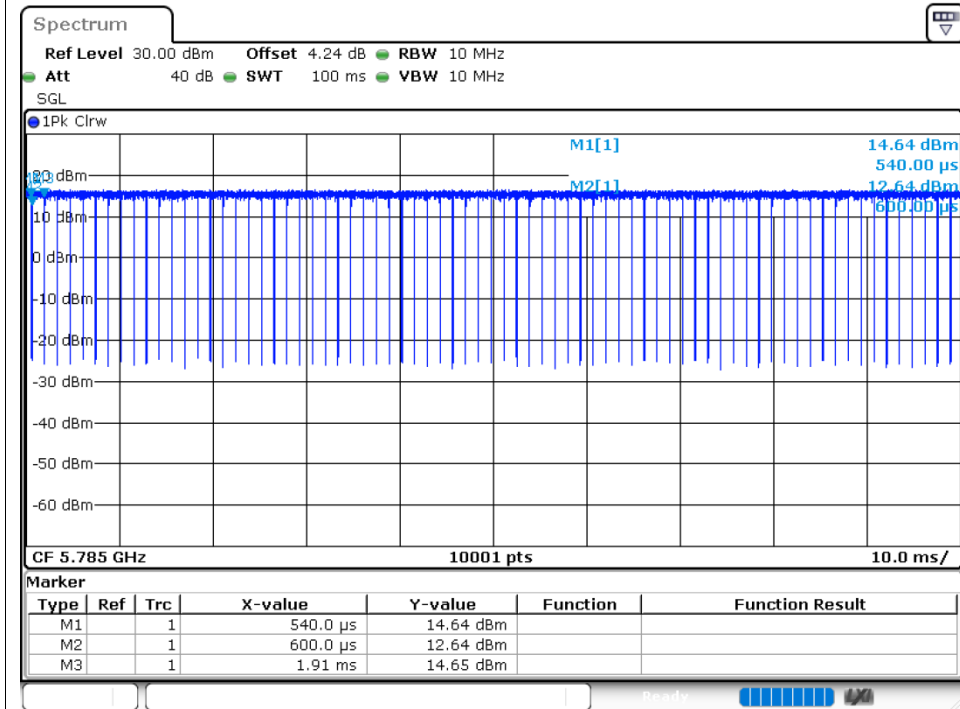
Duty Cycle NVNT ac20 5825MHz Ant1



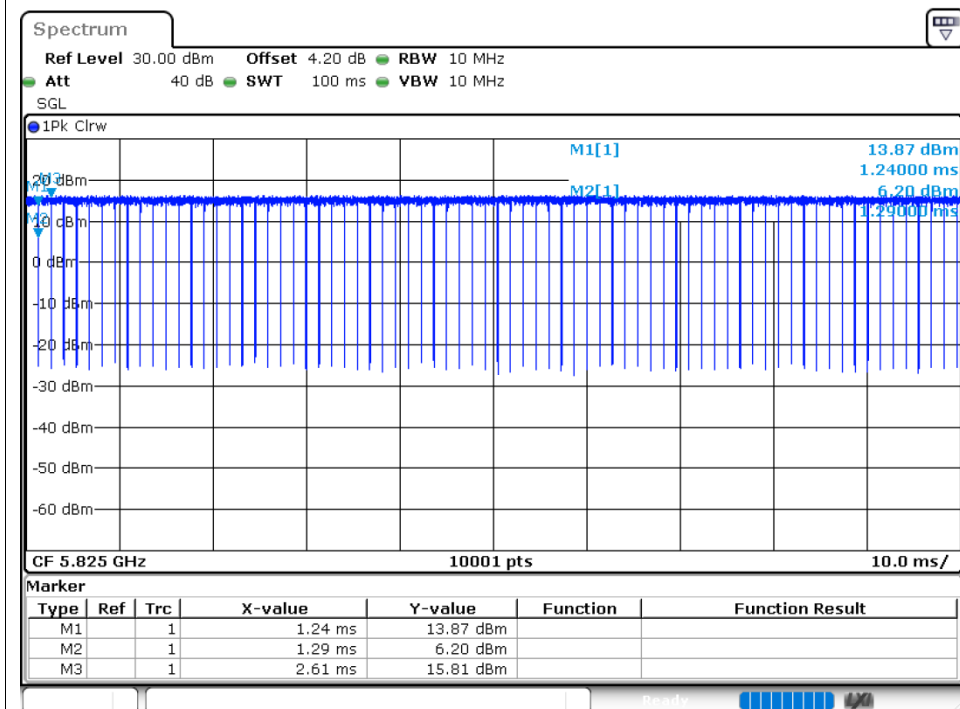
Duty Cycle NVNT ac20 5745MHz Ant2



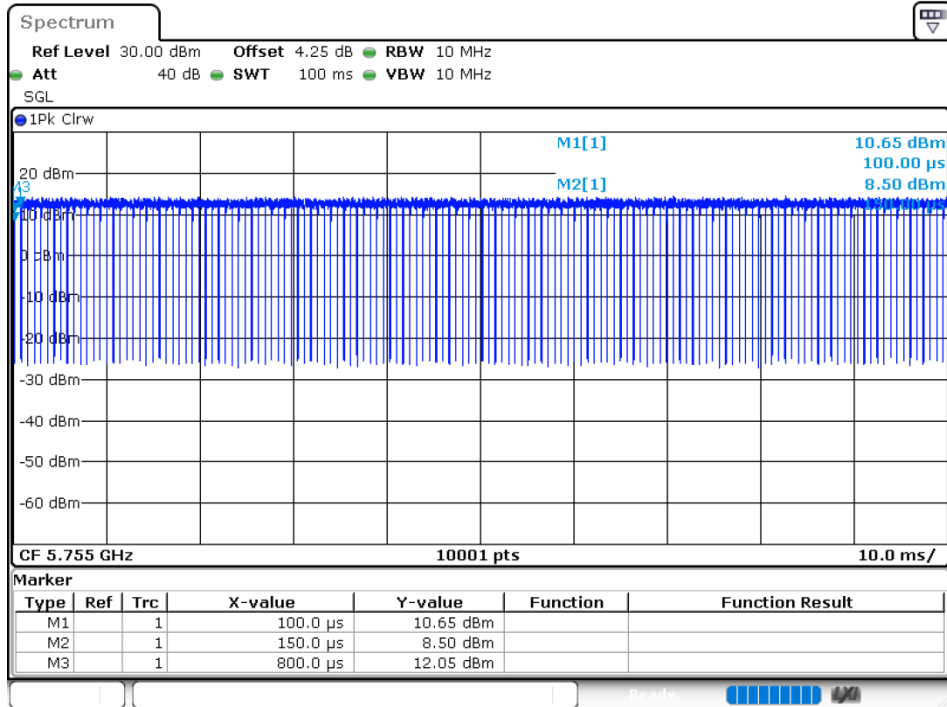
Duty Cycle NVNT ac20 5785MHz Ant2



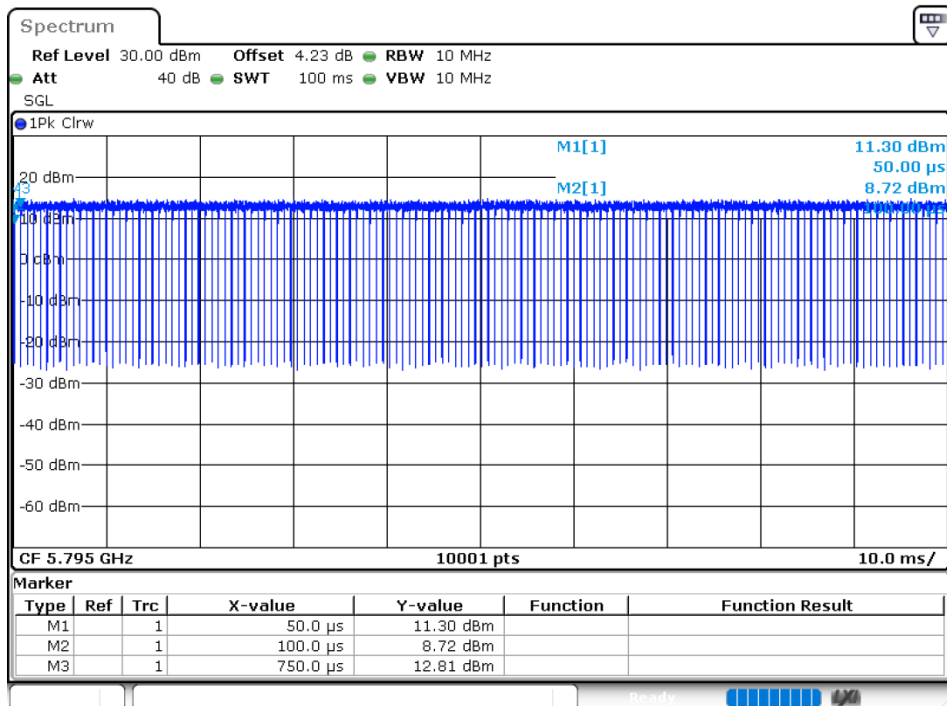
Duty Cycle NVNT ac20 5825MHz Ant2



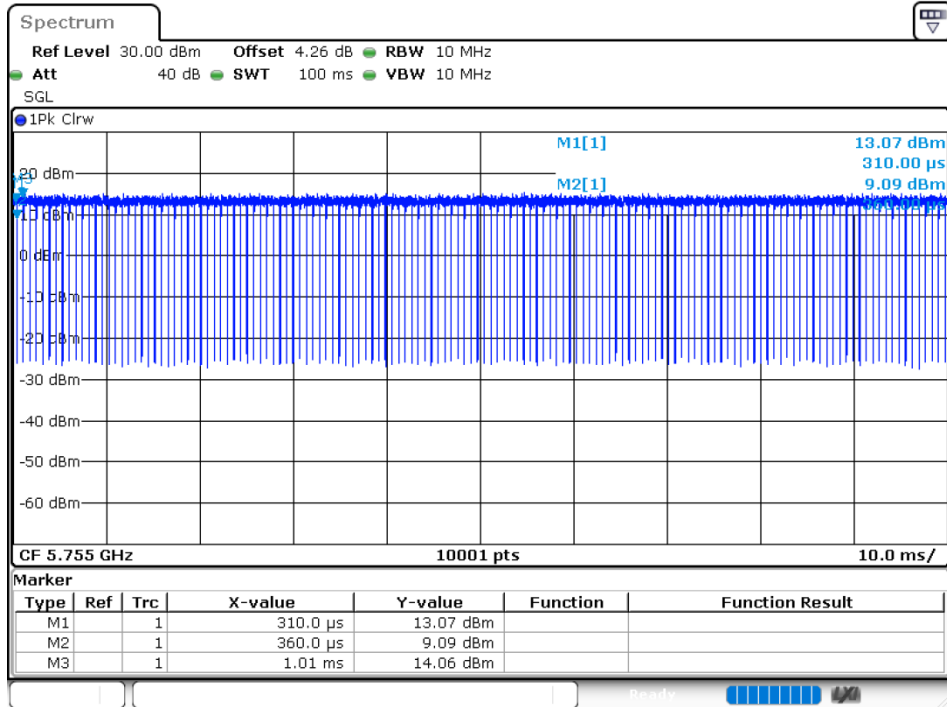
Duty Cycle NVNT ac40 5755MHz Ant1



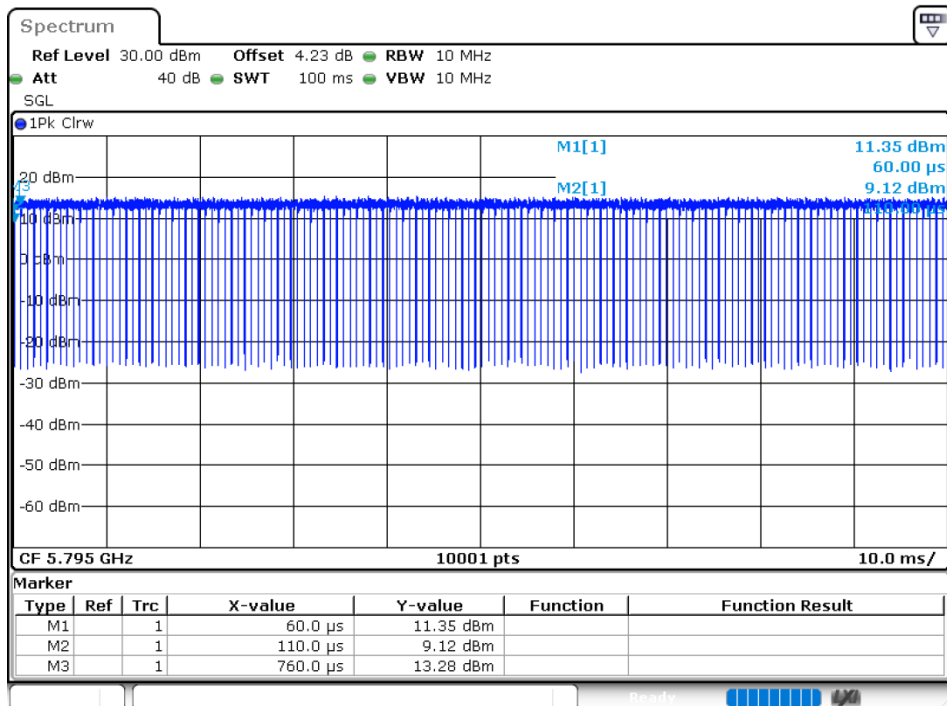
Duty Cycle NVNT ac40 5795MHz Ant1



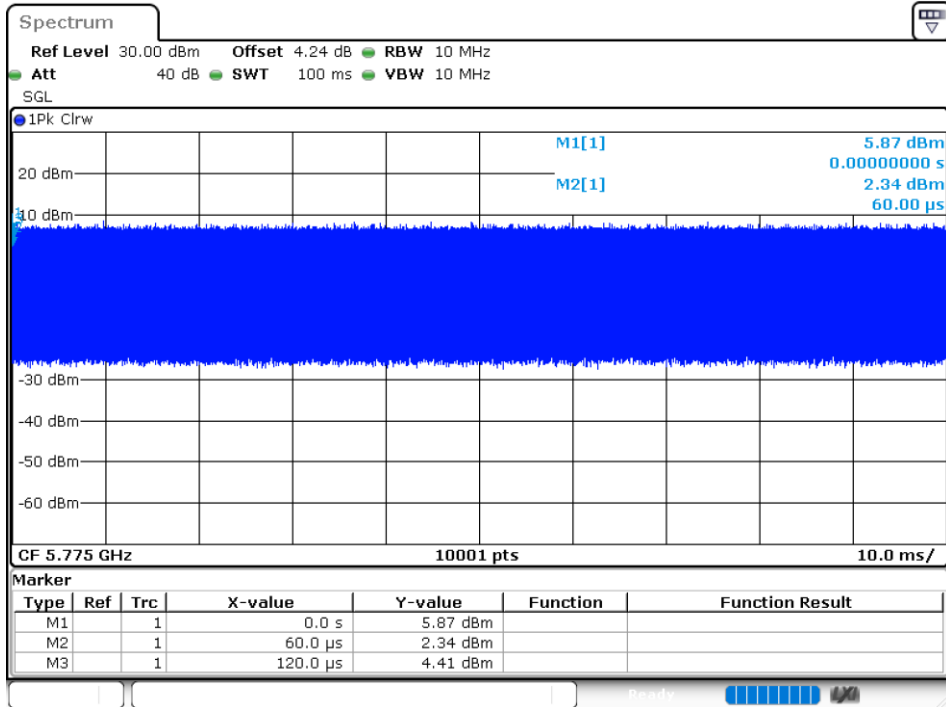
Duty Cycle NVNT ac40 5755MHz Ant2



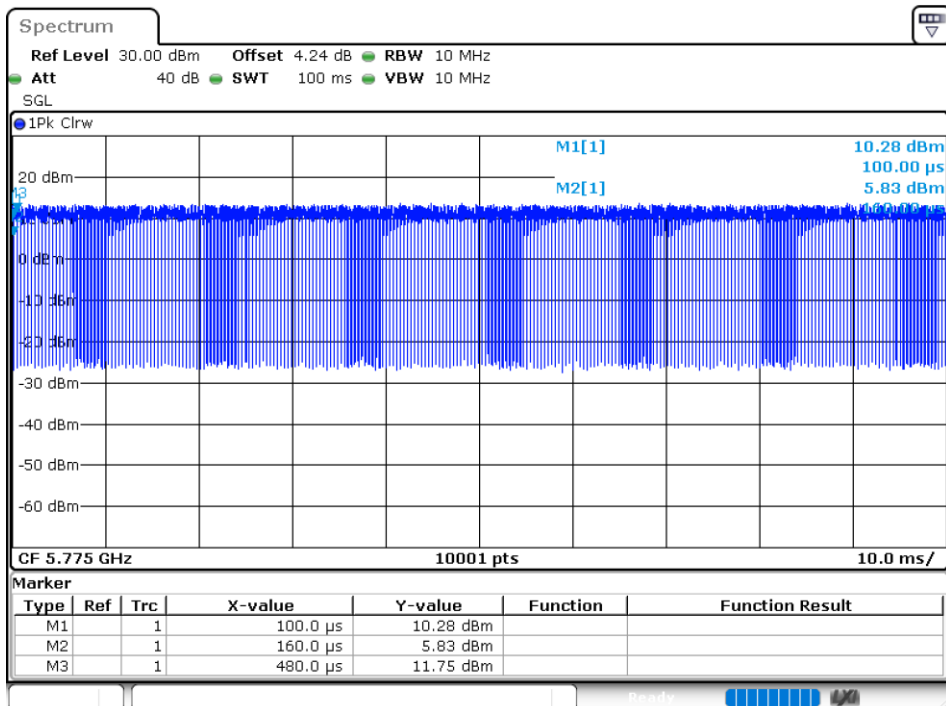
Duty Cycle NVNT ac40 5795MHz Ant2



Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.79	30	Pass
NVNT	a	5785	Ant1	12.38	30	Pass
NVNT	a	5825	Ant1	12.45	30	Pass
NVNT	a	5745	Ant2	12.86	30	Pass
NVNT	a	5785	Ant2	12.57	30	Pass
NVNT	a	5825	Ant2	12.62	30	Pass
NVNT	n20	5745	Ant1	10.87	30	Pass
NVNT	n20	5785	Ant1	11.42	30	Pass
NVNT	n20	5825	Ant1	11.46	30	Pass
NVNT	n20	5745	Ant2	11.65	30	Pass
NVNT	n20	5785	Ant2	11.59	30	Pass
NVNT	n20	5825	Ant2	11.43	30	Pass
NVNT	n40	5755	Ant1	11.15	30	Pass
NVNT	n40	5795	Ant1	11.69	30	Pass
NVNT	n40	5755	Ant2	11.81	30	Pass
NVNT	n40	5795	Ant2	11.81	30	Pass
NVNT	ac20	5745	Ant1	10.9	30	Pass
NVNT	ac20	5785	Ant1	11.32	30	Pass
NVNT	ac20	5825	Ant1	11.4	30	Pass
NVNT	ac20	5745	Ant2	11.62	30	Pass
NVNT	ac20	5785	Ant2	11.57	30	Pass
NVNT	ac20	5825	Ant2	11.44	30	Pass
NVNT	ac40	5755	Ant1	11.11	30	Pass
NVNT	ac40	5795	Ant1	11.84	30	Pass
NVNT	ac40	5755	Ant2	11.85	30	Pass
NVNT	ac40	5795	Ant2	11.79	30	Pass
NVNT	ac80	5775	Ant1	11.06	30	Pass
NVNT	ac80	5775	Ant2	11.58	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.332	0.5	Pass
NVNT	a	5785	Ant1	16.341	0.5	Pass
NVNT	a	5825	Ant1	16.329	0.5	Pass
NVNT	a	5745	Ant2	14.226	0.5	Pass
NVNT	a	5785	Ant2	16.329	0.5	Pass
NVNT	a	5825	Ant2	16.305	0.5	Pass
NVNT	n20	5745	Ant1	14.709	0.5	Pass
NVNT	n20	5785	Ant1	17.592	0.5	Pass
NVNT	n20	5825	Ant1	17.274	0.5	Pass
NVNT	n20	5745	Ant2	17.55	0.5	Pass
NVNT	n20	5785	Ant2	17.553	0.5	Pass
NVNT	n20	5825	Ant2	13.452	0.5	Pass
NVNT	n40	5755	Ant1	35.1	0.5	Pass
NVNT	n40	5795	Ant1	33.828	0.5	Pass
NVNT	n40	5755	Ant2	33.84	0.5	Pass
NVNT	n40	5795	Ant2	35.04	0.5	Pass
NVNT	ac20	5745	Ant1	14.625	0.5	Pass
NVNT	ac20	5785	Ant1	15.078	0.5	Pass
NVNT	ac20	5825	Ant1	14.154	0.5	Pass
NVNT	ac20	5745	Ant2	17.529	0.5	Pass
NVNT	ac20	5785	Ant2	17.568	0.5	Pass
NVNT	ac20	5825	Ant2	16.767	0.5	Pass
NVNT	ac40	5755	Ant1	34.884	0.5	Pass
NVNT	ac40	5795	Ant1	35.082	0.5	Pass
NVNT	ac40	5755	Ant2	35.112	0.5	Pass
NVNT	ac40	5795	Ant2	27.174	0.5	Pass
NVNT	ac80	5775	Ant1	75.42	0.5	Pass
NVNT	ac80	5775	Ant2	75.084	0.5	Pass