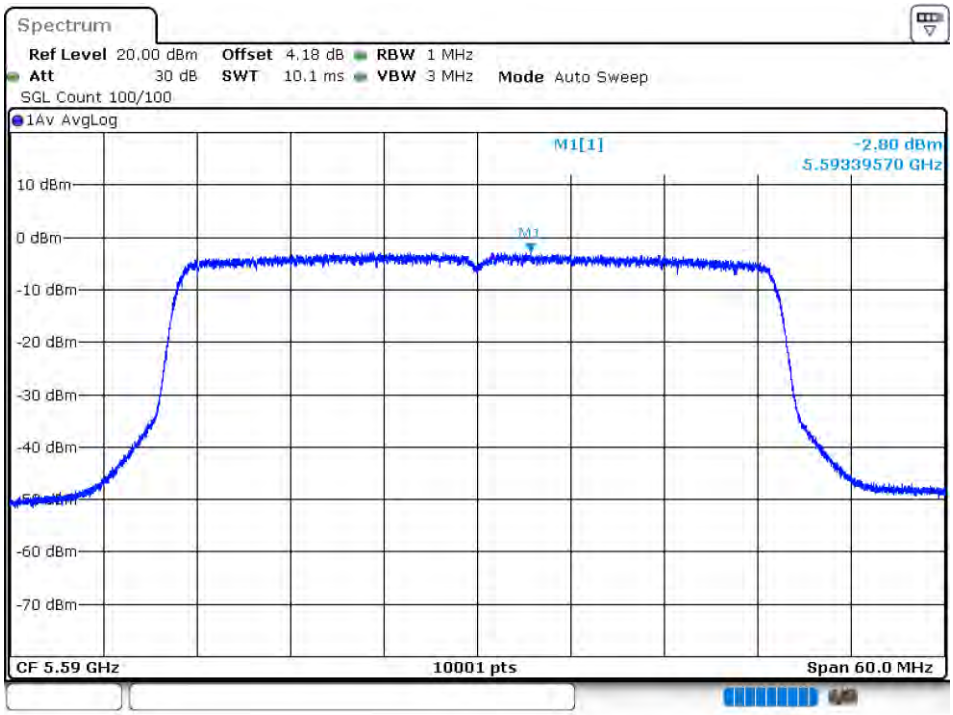
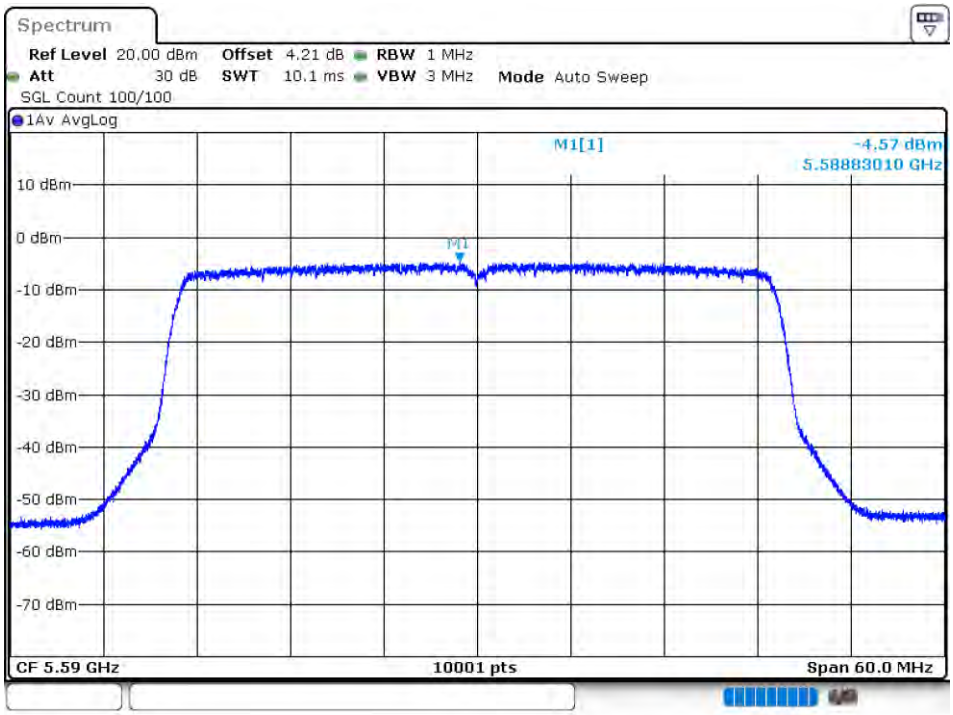
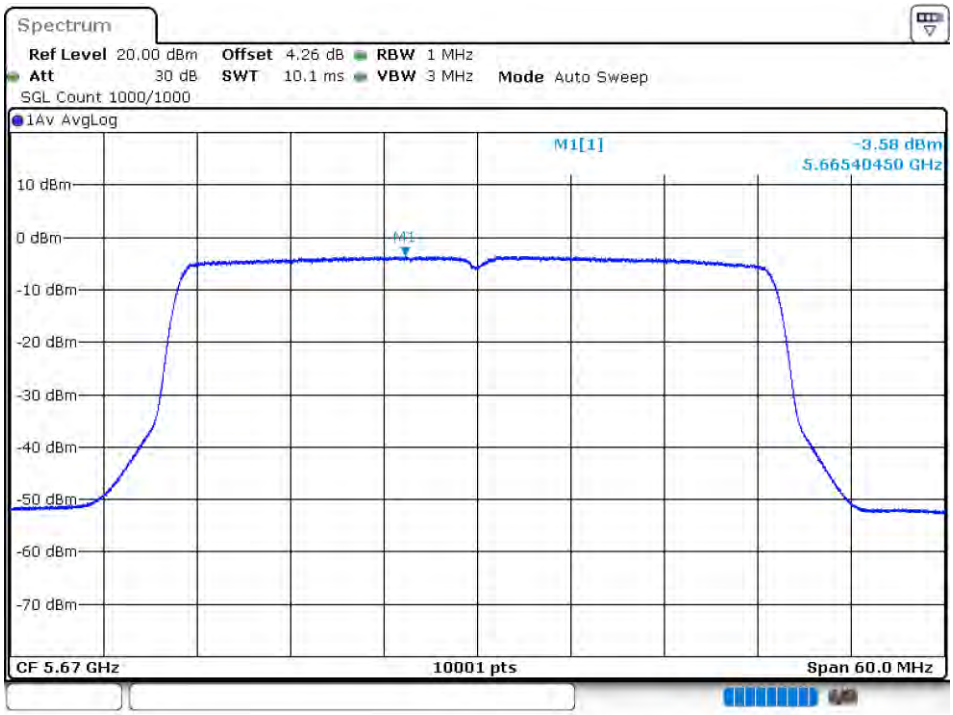
PSD NVNT ax40 5590MHz Ant1



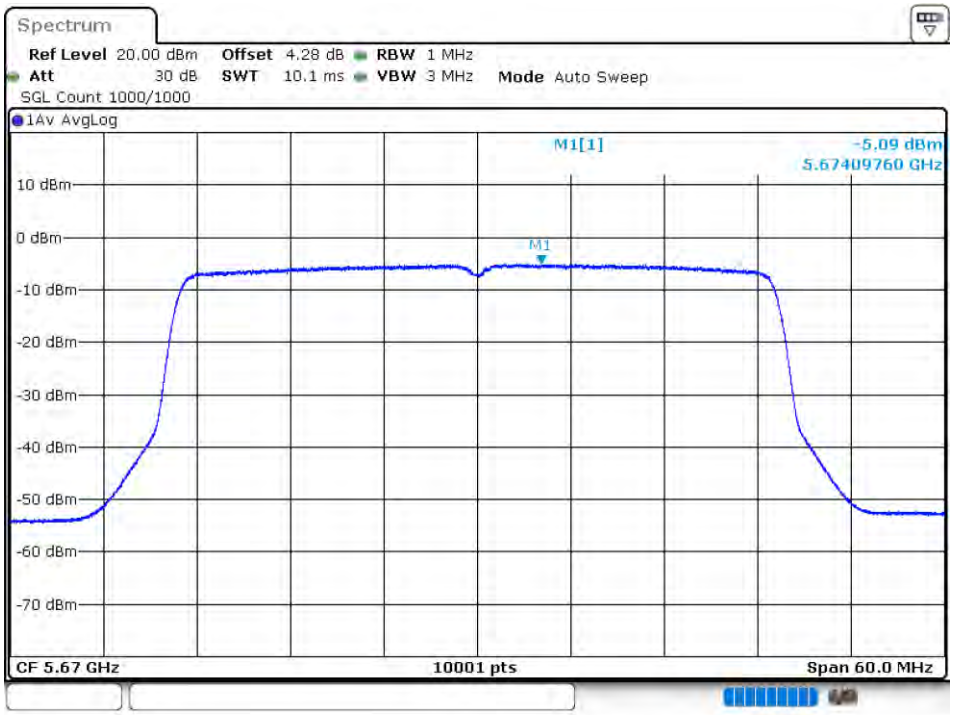
PSD NVNT ax40 5590MHz Ant2



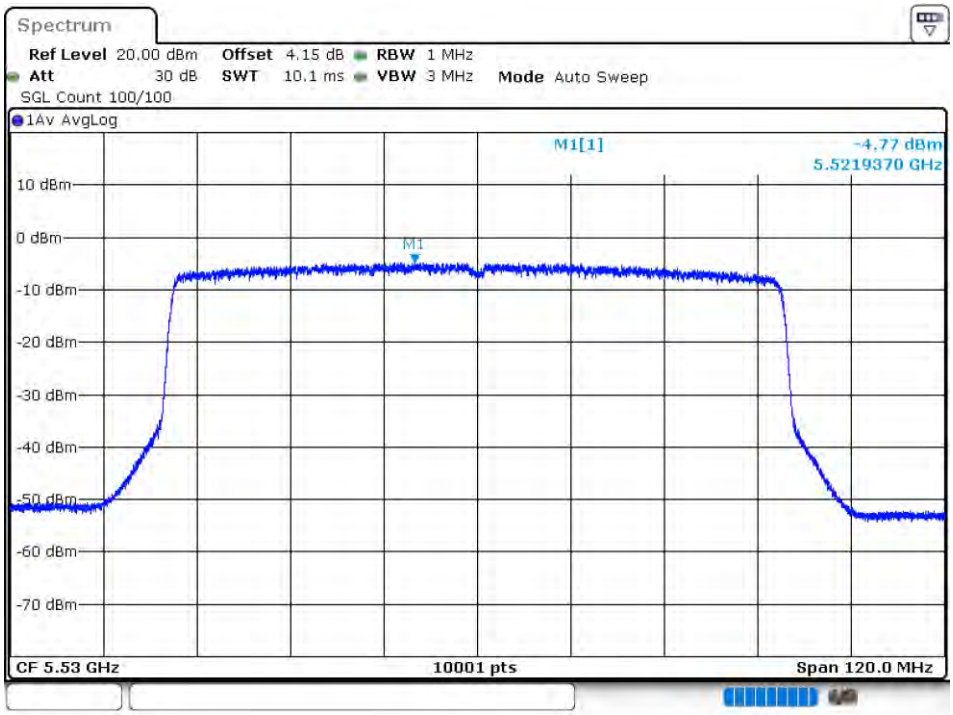
PSD NVNT ax40 5670MHz Ant1



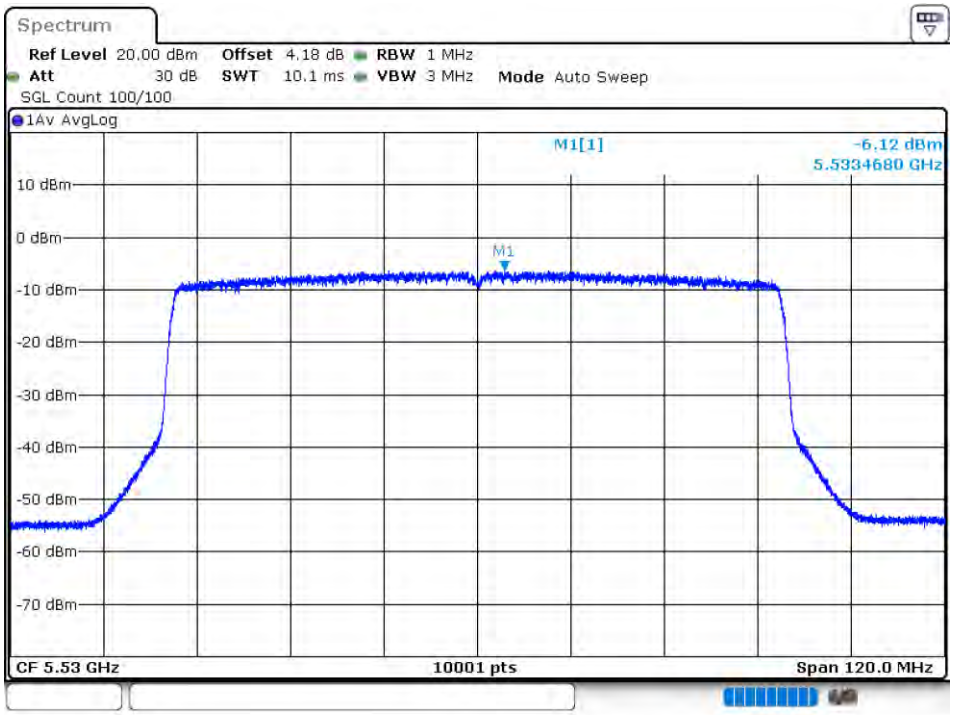
PSD NVNT ax40 5670MHz Ant2



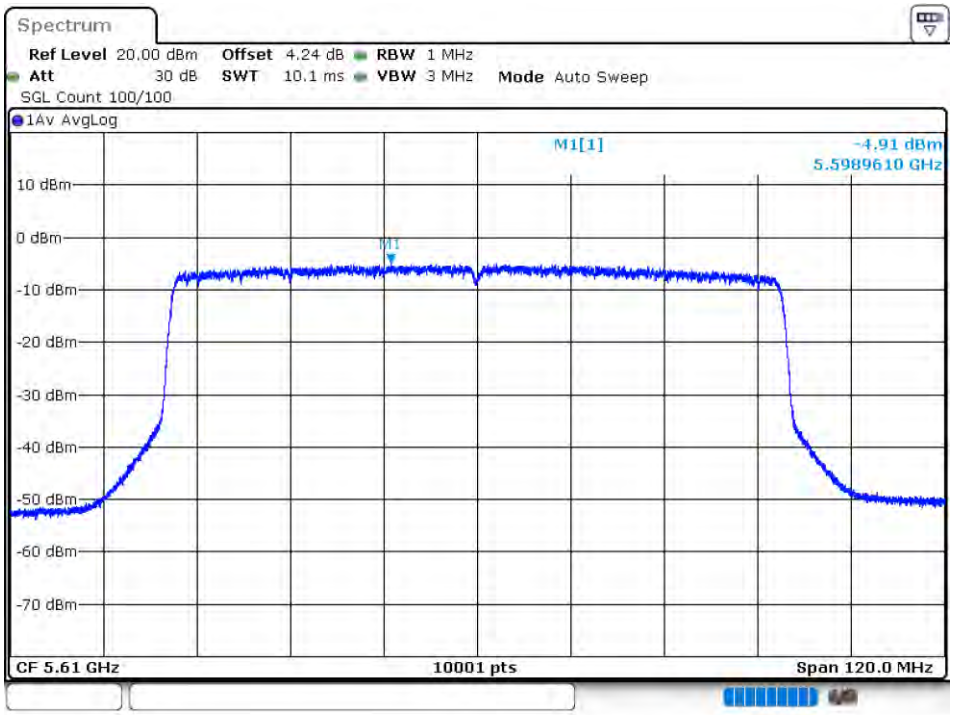
PSD NVNT ax80 5530MHz Ant1



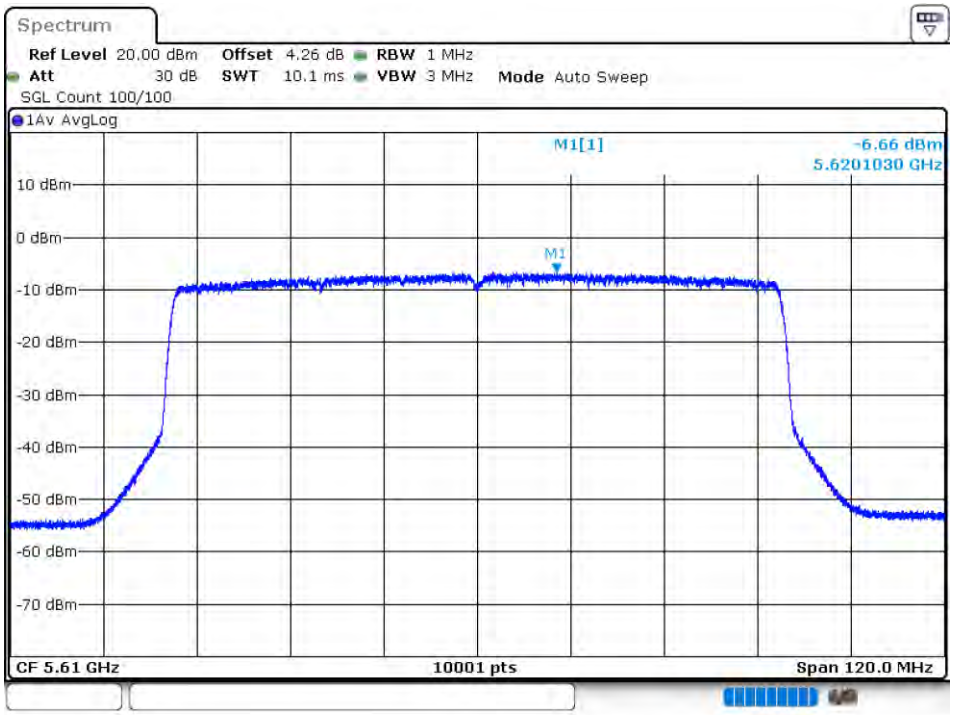
PSD NVNT ax80 5530MHz Ant2



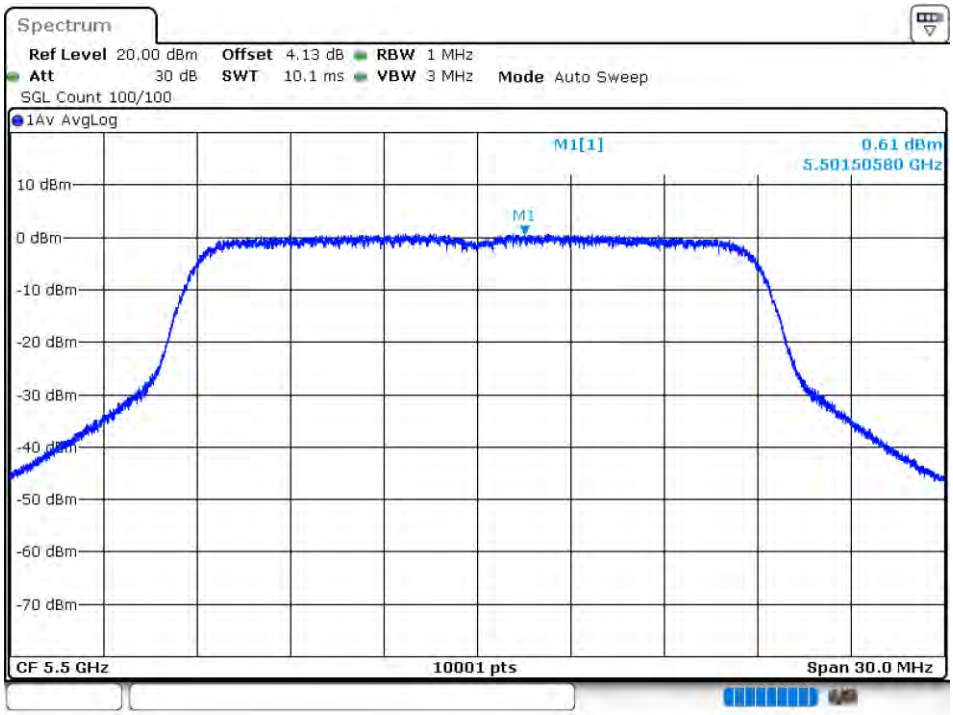
PSD NVNT ax80 5610MHz Ant1



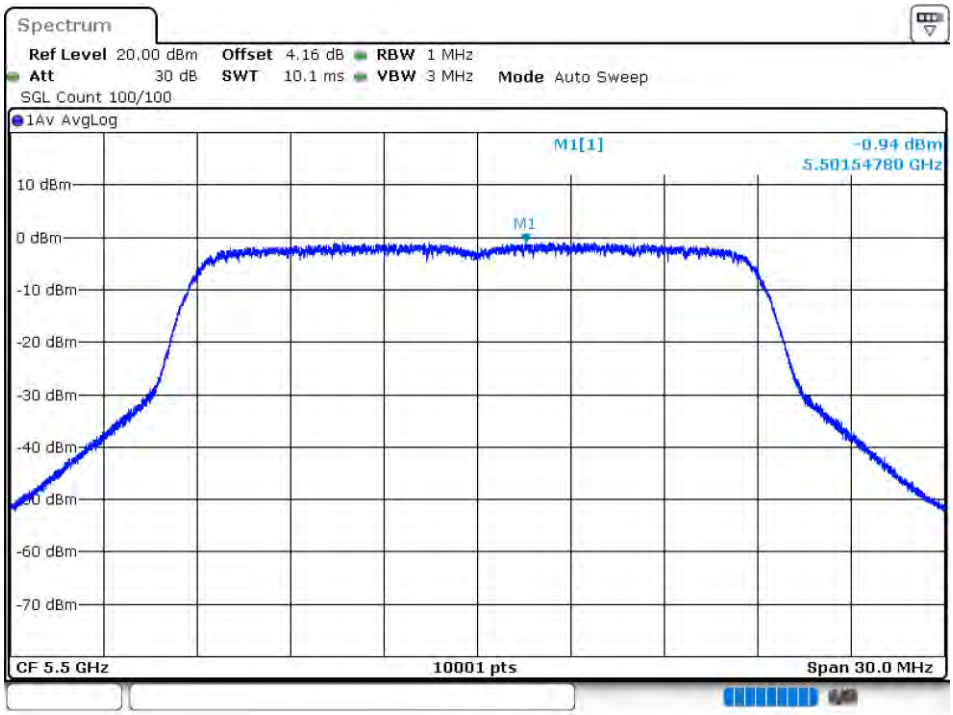
PSD NVNT ax80 5610MHz Ant2



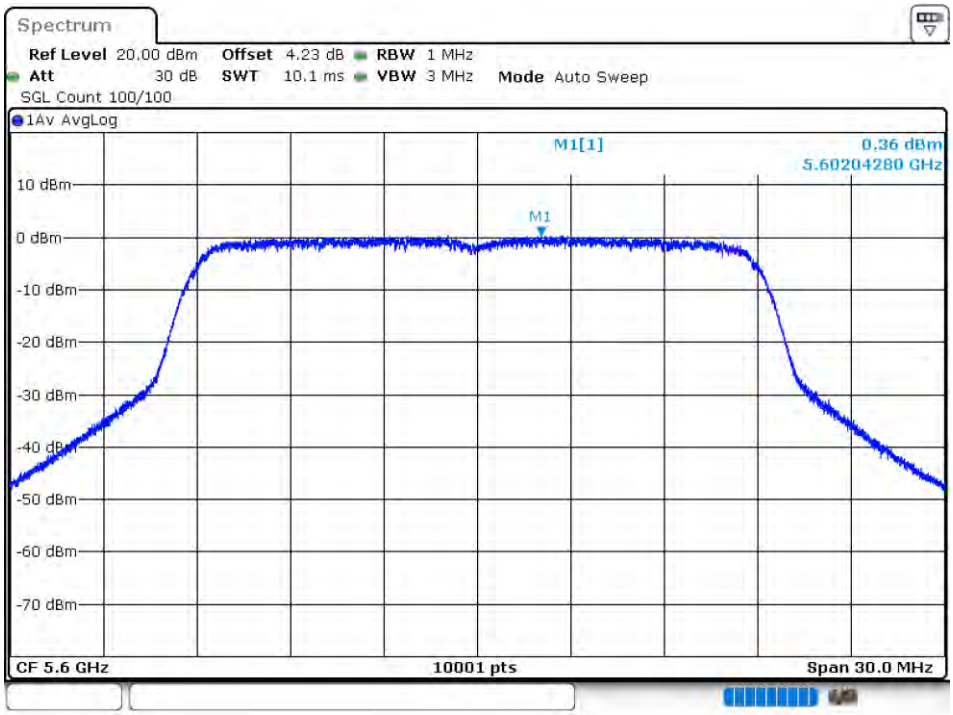
PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5500MHz Ant2



PSD NVNT n20 5600MHz Ant1



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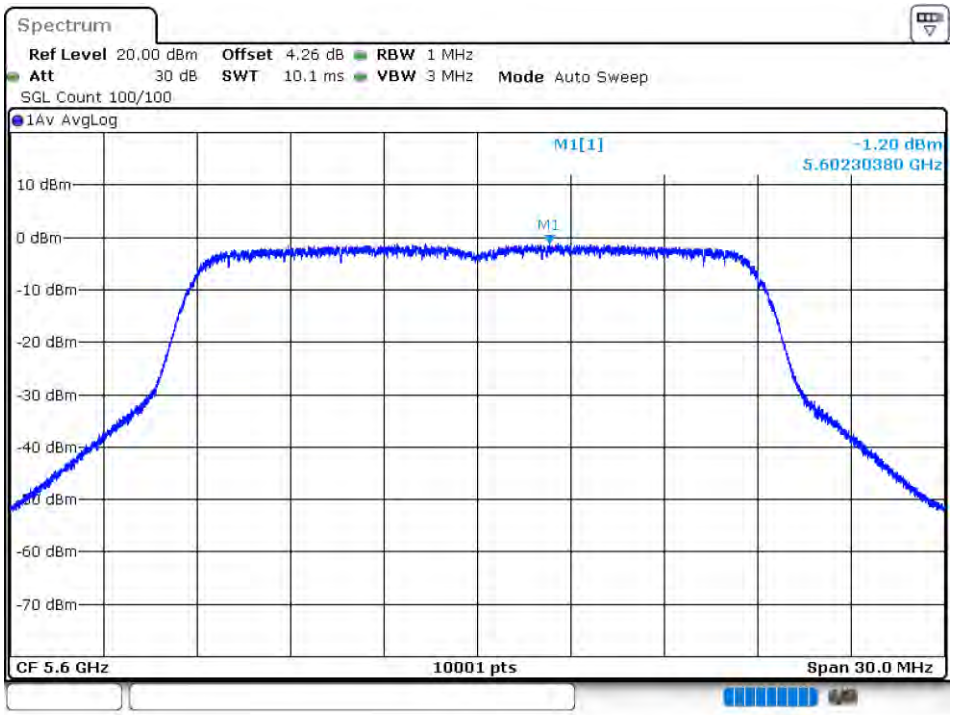
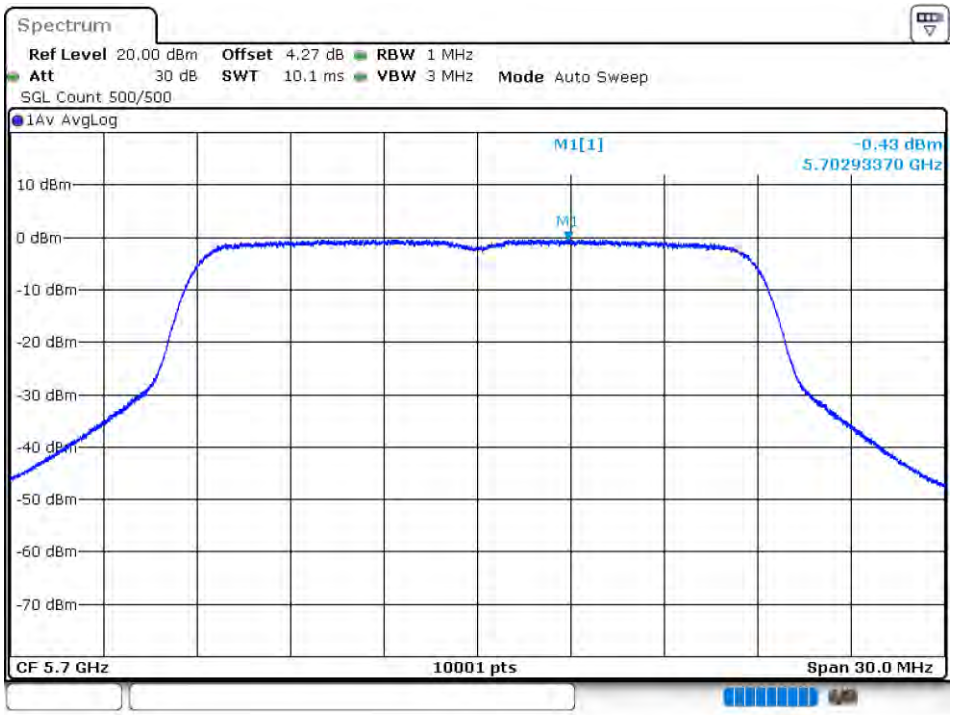
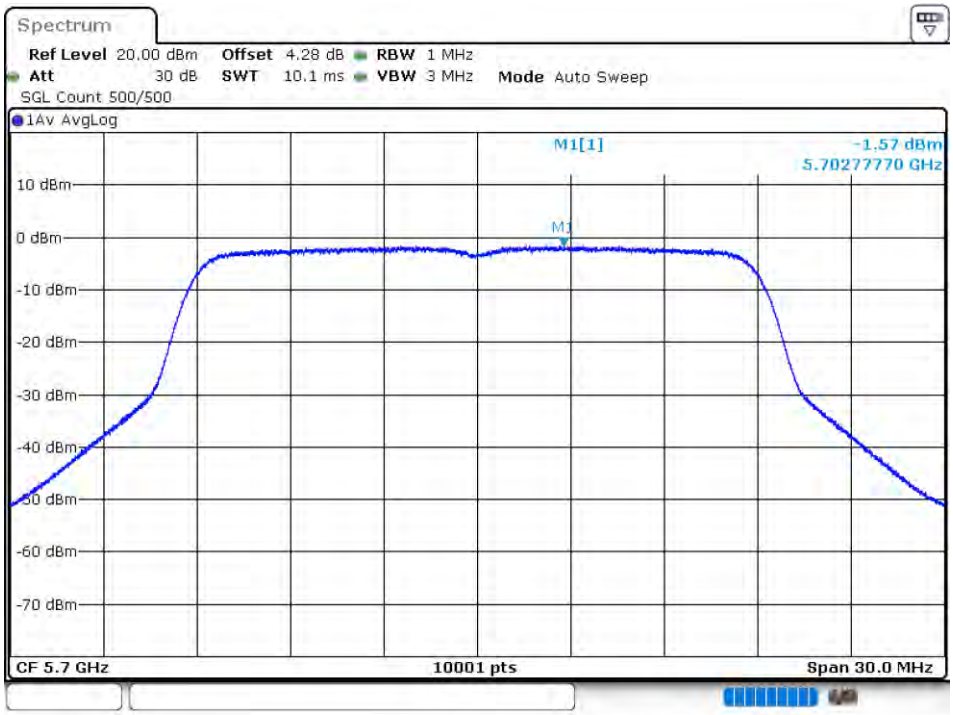


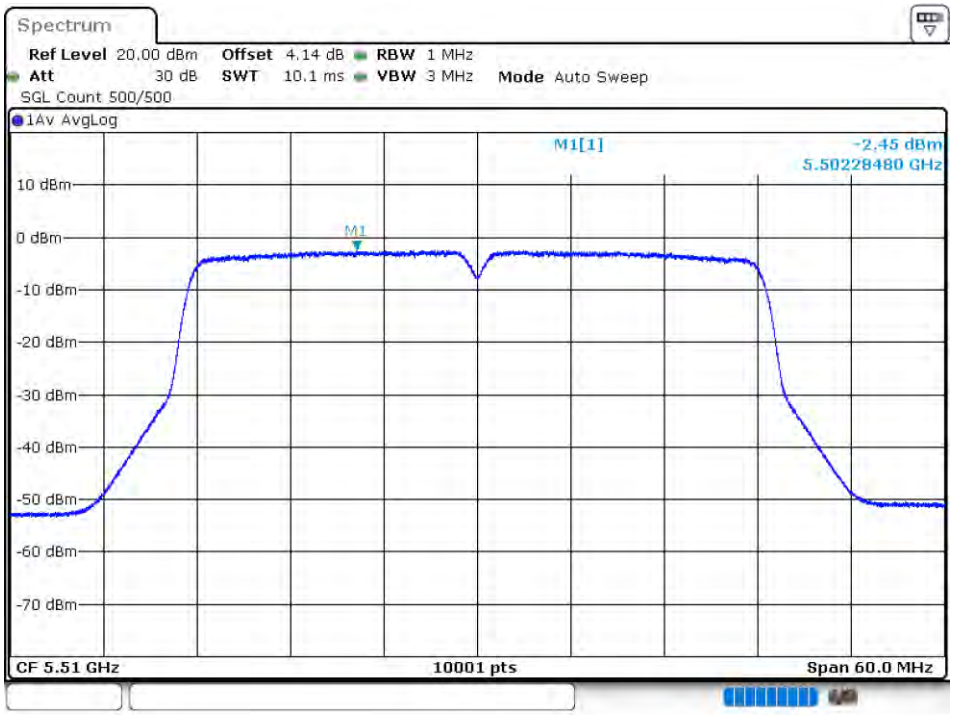
PSD NVNT n20 5700MHz Ant1



PSD NVNT n20 5700MHz Ant2



PSD NVNT n40 5510MHz Ant1



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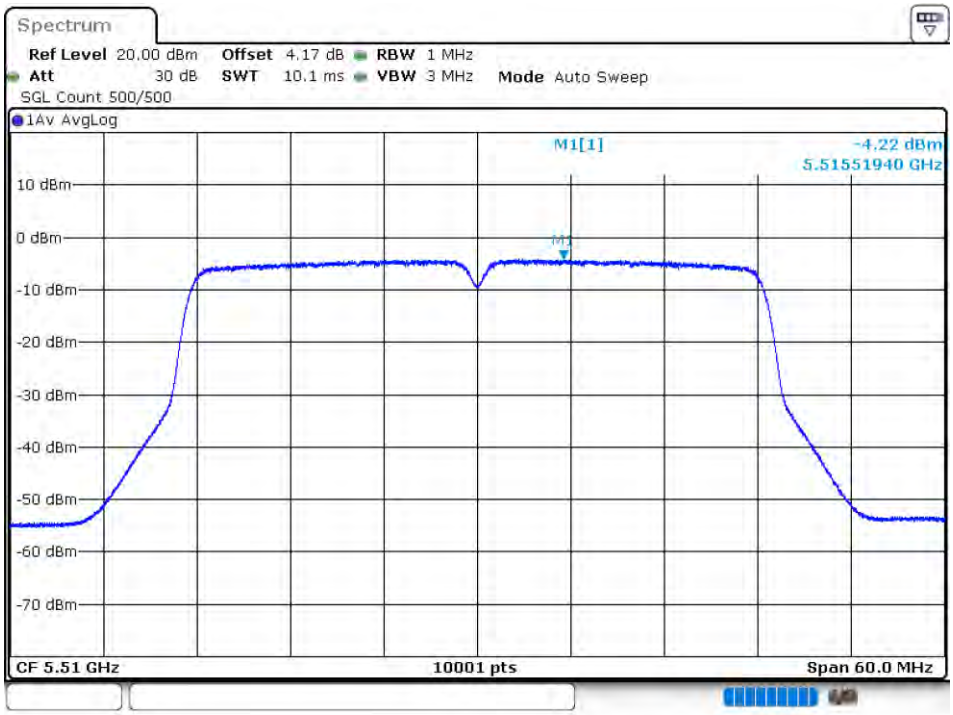
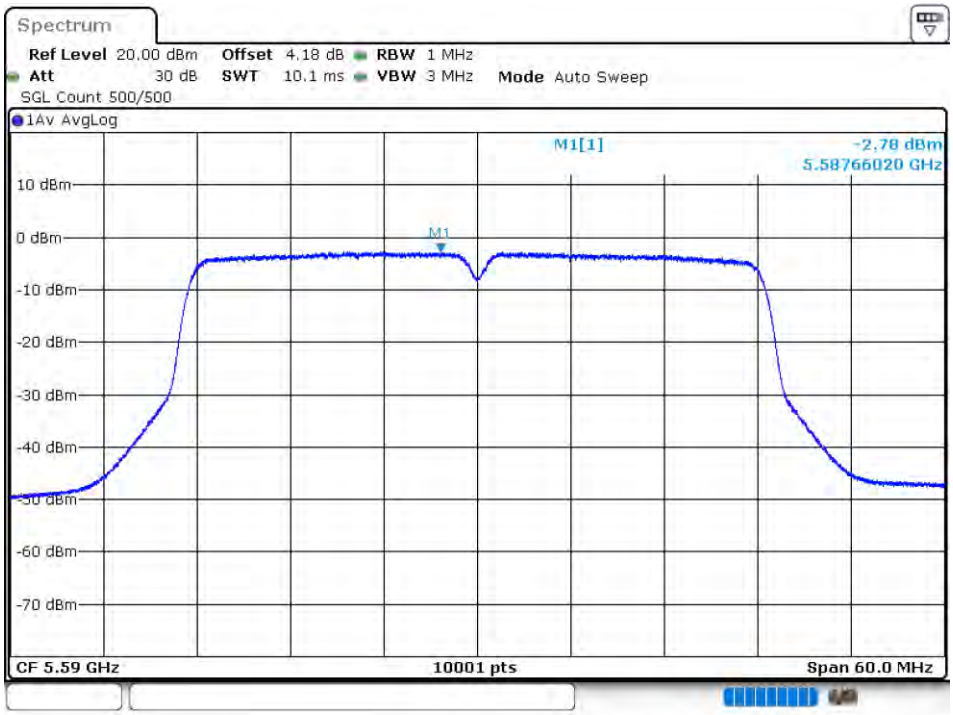


PSD NVNT n40 5590MHz Ant1



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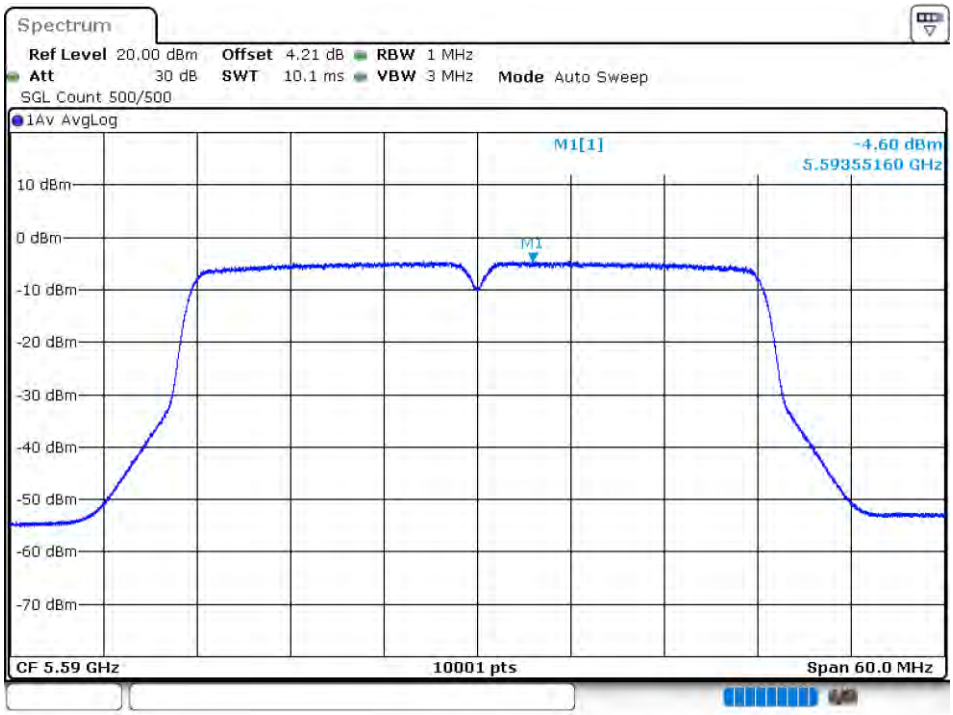
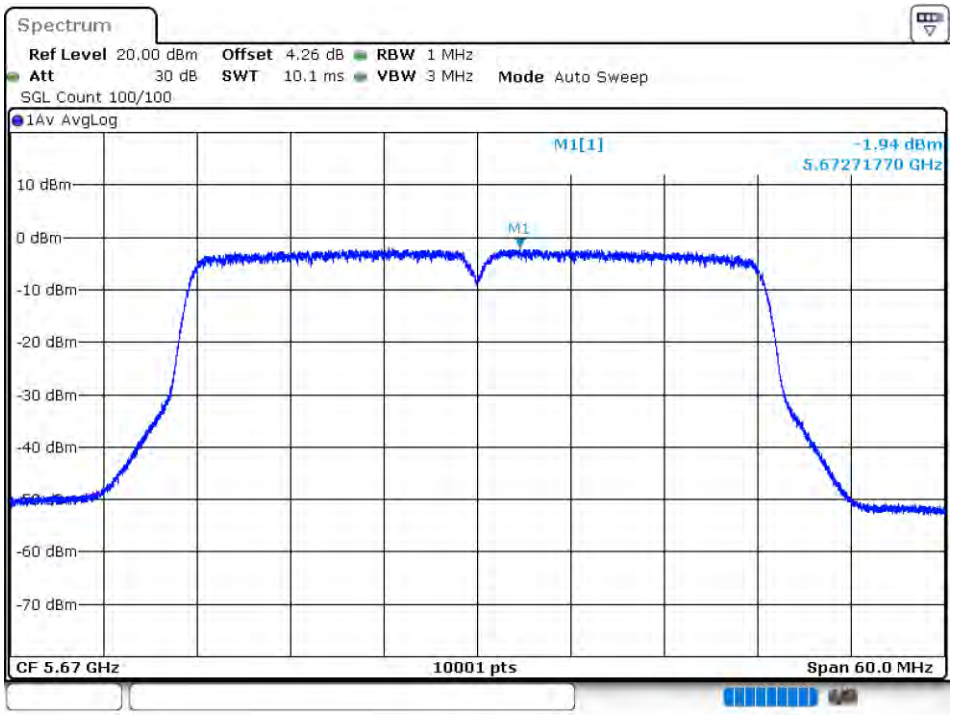


PSD NVNT n40 5670MHz Ant1



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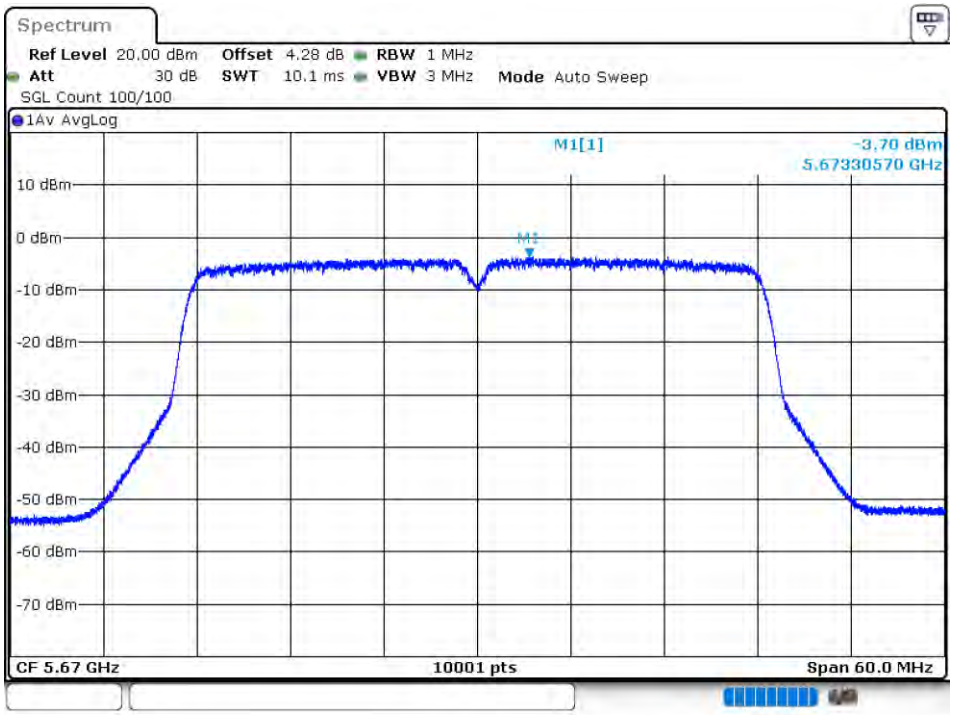
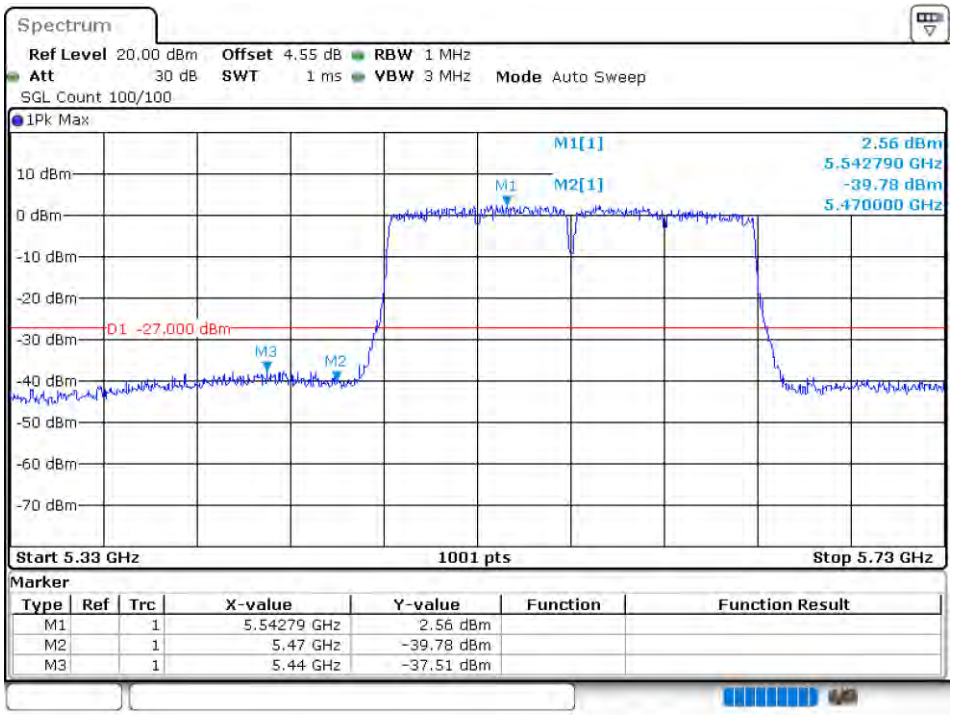


Band Edge

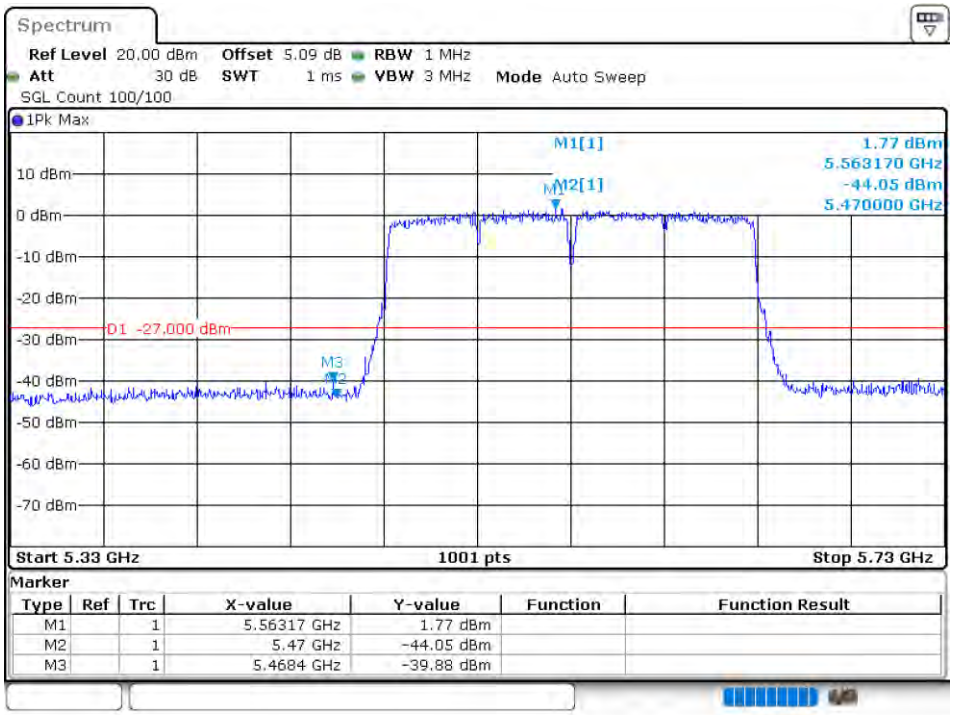
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5570	Ant1	-37.51	-27	Pass
NVNT	ac160	5570	Ant2	-39.88	-27	Pass
NVNT	ac20	5500	Ant1	-36.28	-27	Pass
NVNT	ac20	5500	Ant2	-41.97	-27	Pass
NVNT	ac20	5700	Ant1	-34.44	-27	Pass
NVNT	ac20	5700	Ant2	-40.17	-27	Pass
NVNT	ac40	5510	Ant1	-36.39	-27	Pass
NVNT	ac40	5510	Ant2	-40.71	-27	Pass
NVNT	ac40	5670	Ant1	-34.97	-27	Pass
NVNT	ac40	5670	Ant2	-40.36	-27	Pass
NVNT	ac80	5530	Ant1	-35.93	-27	Pass
NVNT	ac80	5530	Ant2	-41.1	-27	Pass
NVNT	ac80	5610	Ant1	-36.94	-27	Pass
NVNT	ac80	5610	Ant2	-42.43	-27	Pass
NVNT	ax160	5570	Ant1	-37.44	-27	Pass
NVNT	ax160	5570	Ant2	-40.79	-27	Pass
NVNT	ax20	5500	Ant1	-36.2	-27	Pass
NVNT	ax20	5500	Ant2	-41.17	-27	Pass
NVNT	ax20	5700	Ant1	-35.05	-27	Pass
NVNT	ax20	5700	Ant2	-40.34	-27	Pass
NVNT	ax40	5510	Ant1	-35.99	-27	Pass
NVNT	ax40	5510	Ant2	-41.84	-27	Pass
NVNT	ax40	5670	Ant1	-35.05	-27	Pass
NVNT	ax40	5670	Ant2	-40.31	-27	Pass
NVNT	ax80	5530	Ant1	-35.69	-27	Pass
NVNT	ax80	5530	Ant2	-41.12	-27	Pass
NVNT	ax80	5610	Ant1	-36.52	-27	Pass
NVNT	ax80	5610	Ant2	-41.56	-27	Pass
NVNT	n20	5500	Ant1	-41.69	-27	Pass
NVNT	n20	5500	Ant2	-41.88	-27	Pass
NVNT	n20	5700	Ant1	-34.58	-27	Pass
NVNT	n20	5700	Ant2	-40.44	-27	Pass
NVNT	n40	5510	Ant1	-36.2	-27	Pass
NVNT	n40	5510	Ant2	-41.44	-27	Pass
NVNT	n40	5670	Ant1	-35.43	-27	Pass
NVNT	n40	5670	Ant2	-40.37	-27	Pass

Test Graphs

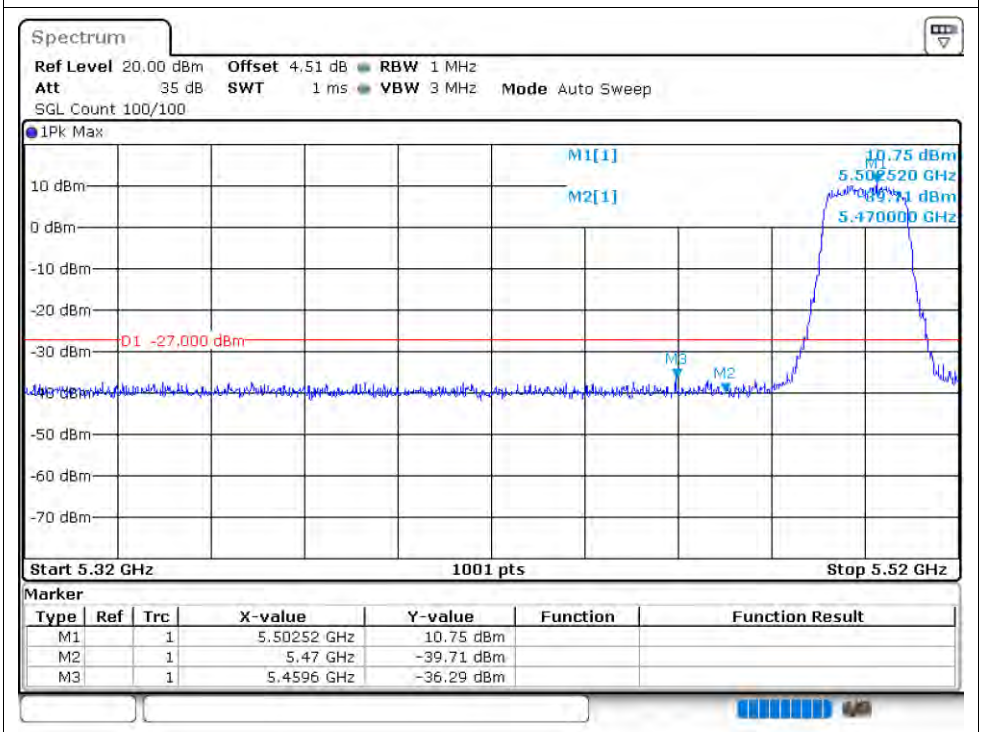
Band Edge NVNT ac160 5570MHz Low Ant1



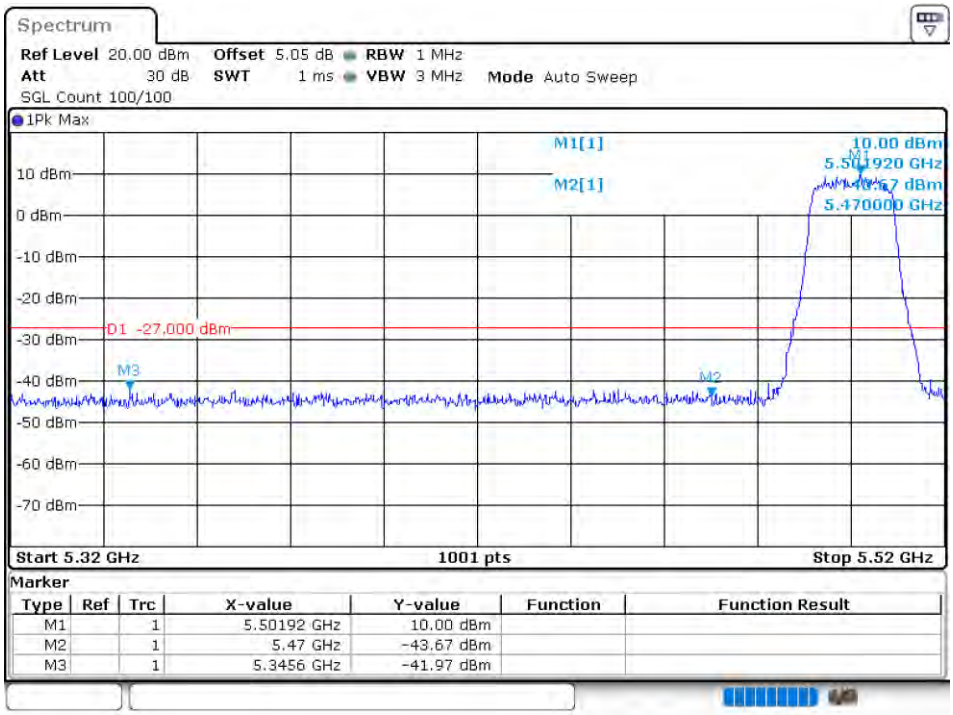
Band Edge NVNT ac160 5570MHz Low Ant2



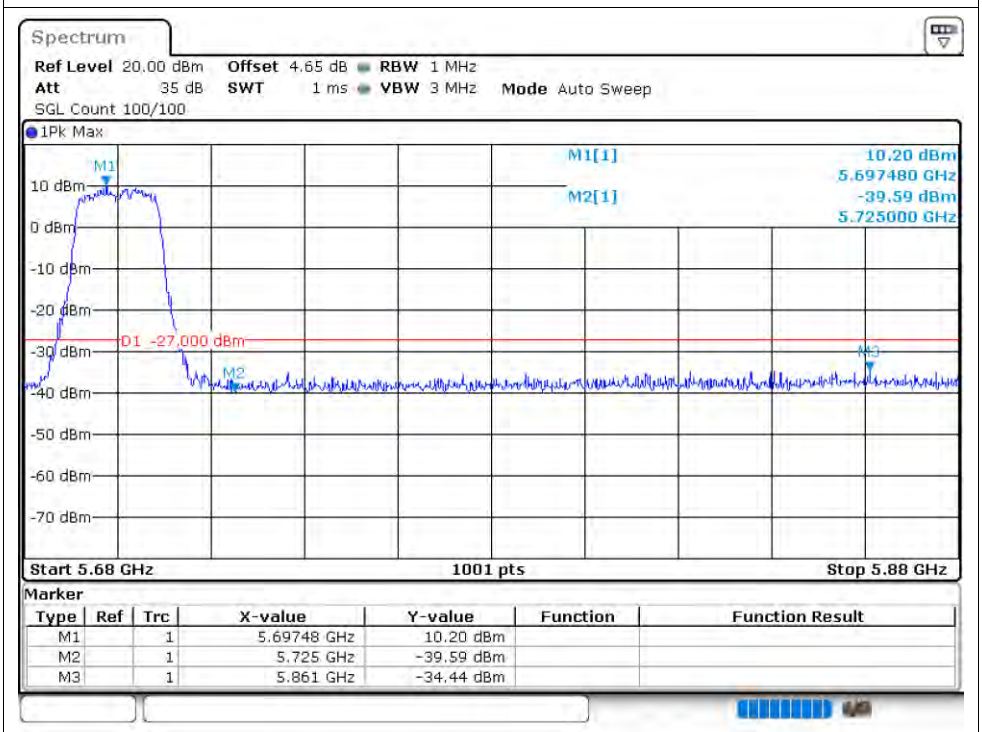
Band Edge NVNT ac20 5500MHz Low Ant1



Band Edge NVNT ac20 5500MHz Low Ant2



Band Edge NVNT ac20 5700MHz High Ant1



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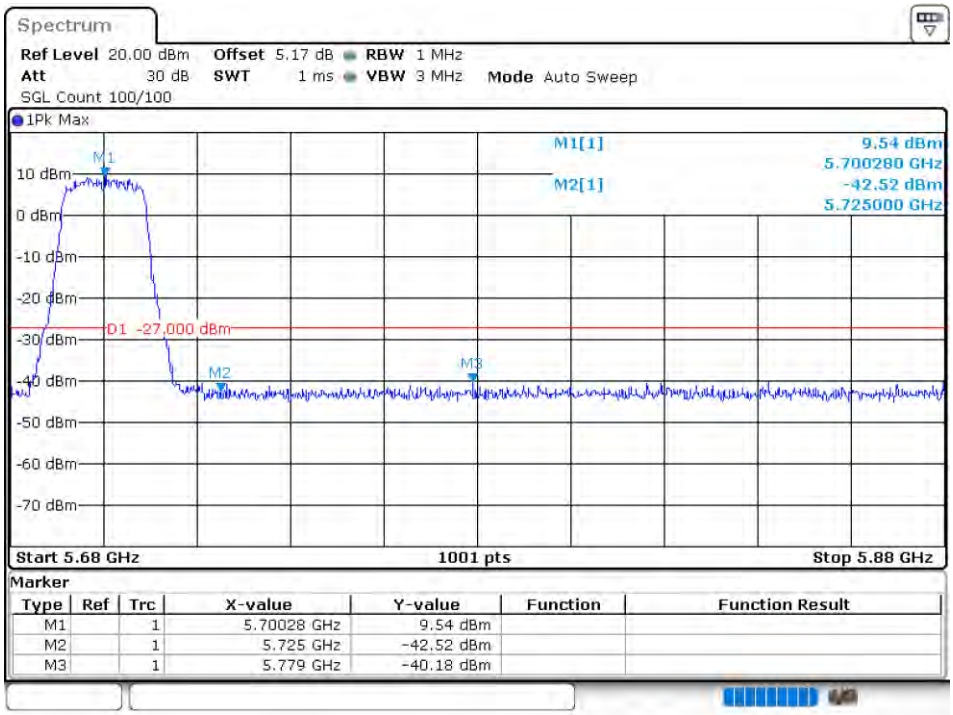
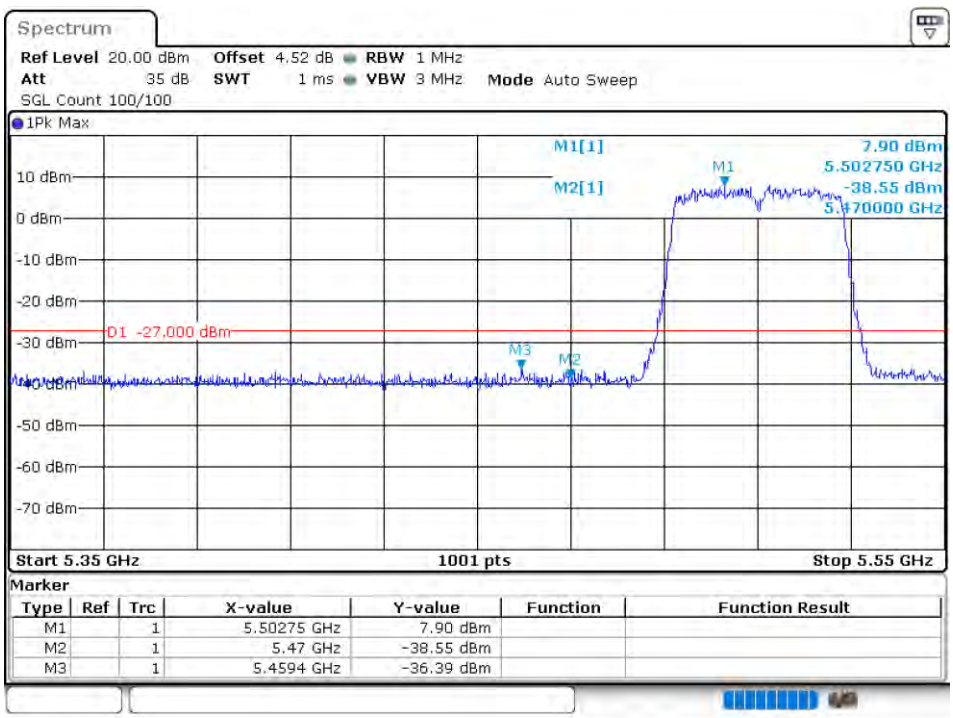
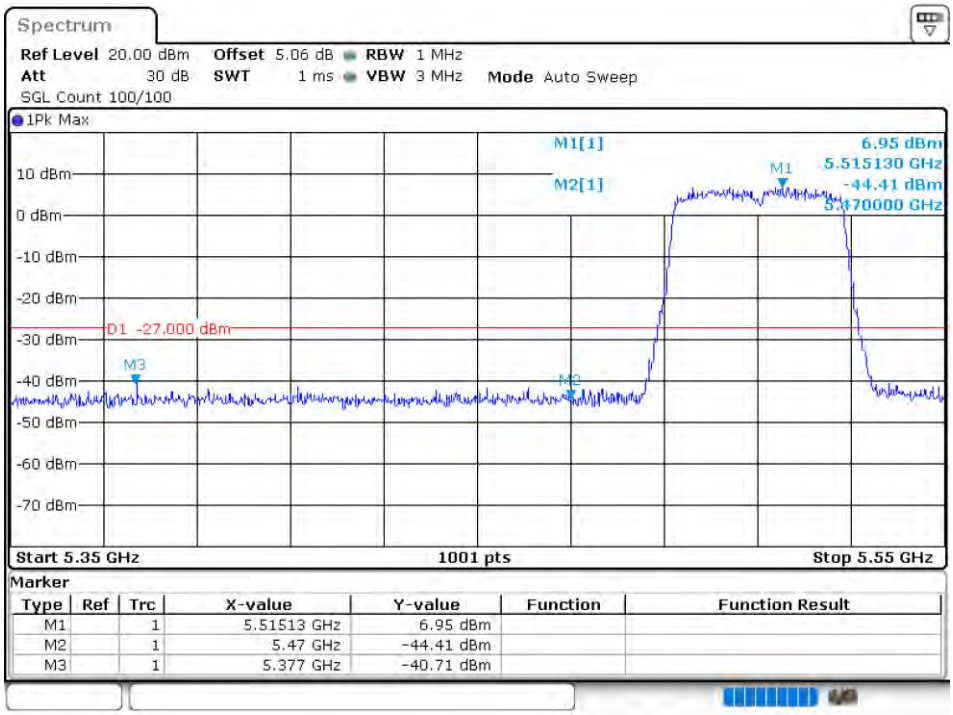


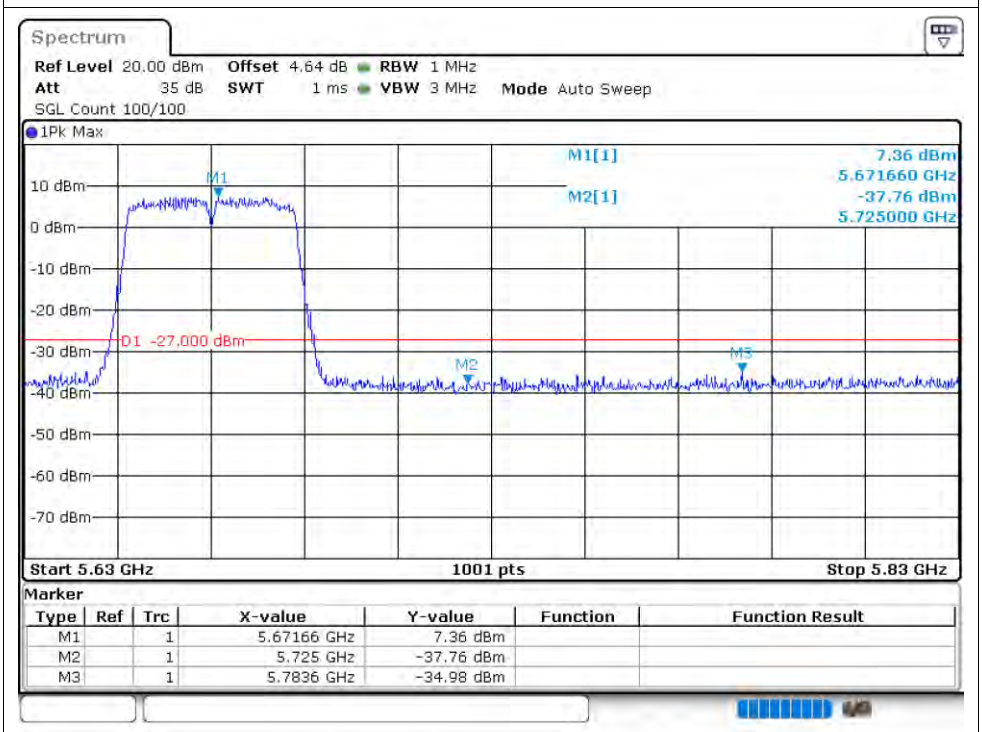
Band Edge NVNT ac40 5510MHz Low Ant1



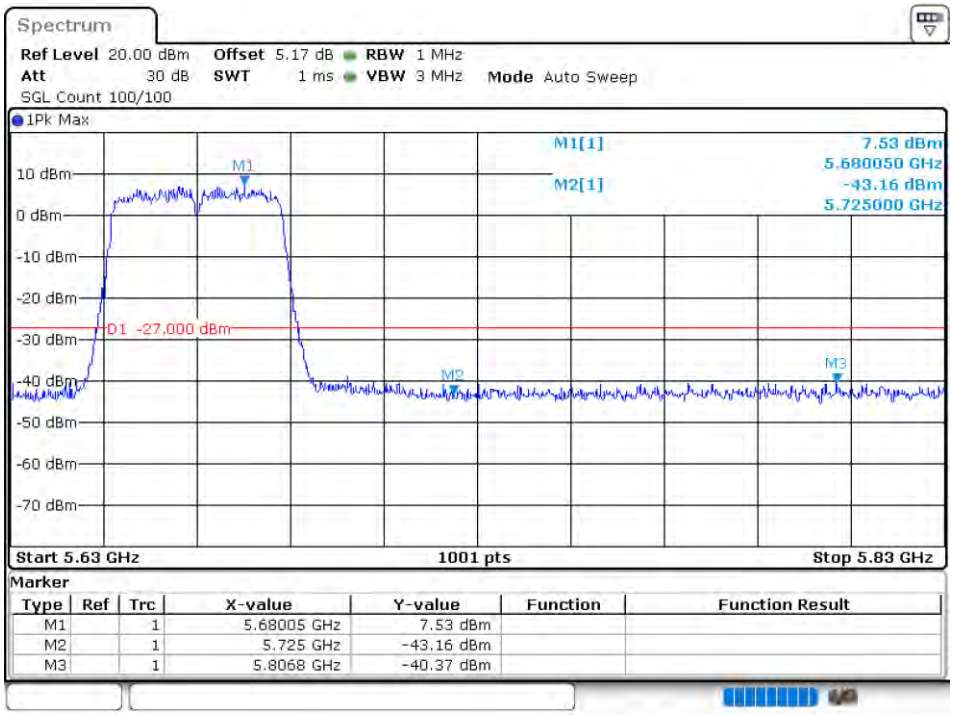
Band Edge NVNT ac40 5510MHz Low Ant2



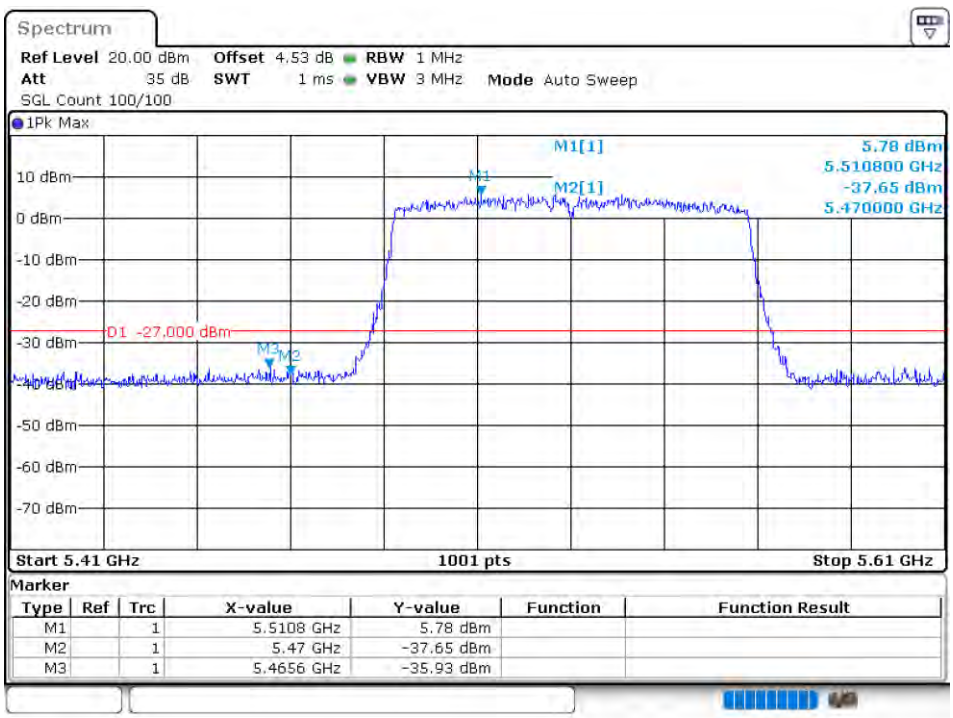
Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac40 5670MHz High Ant2

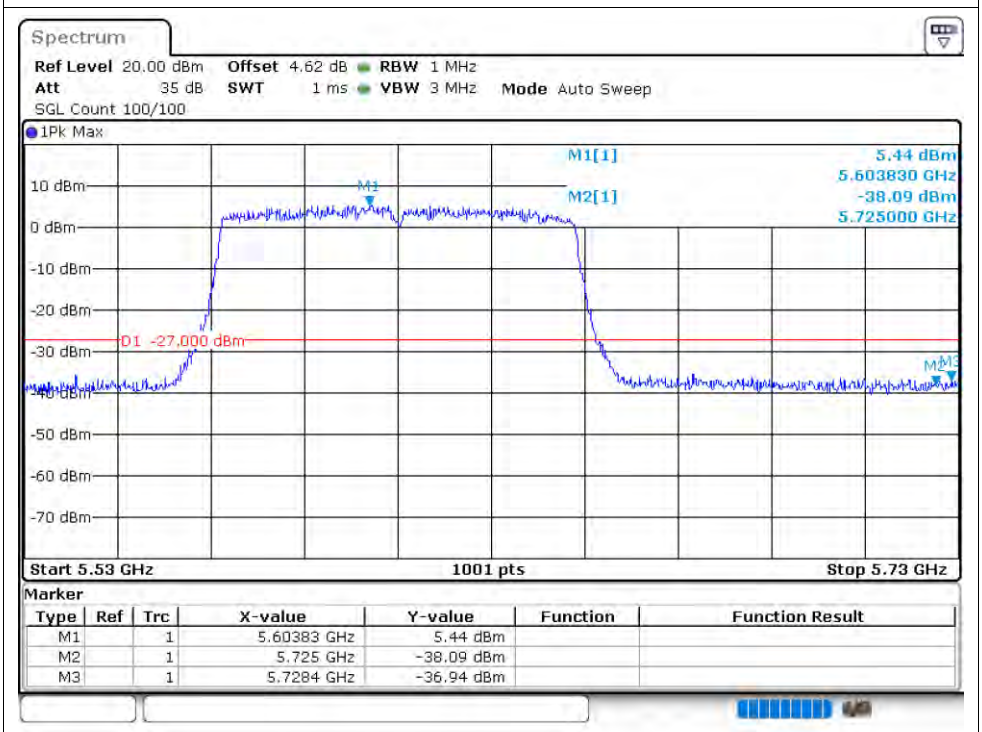


Band Edge NVNT ac80 5530MHz Low Ant1

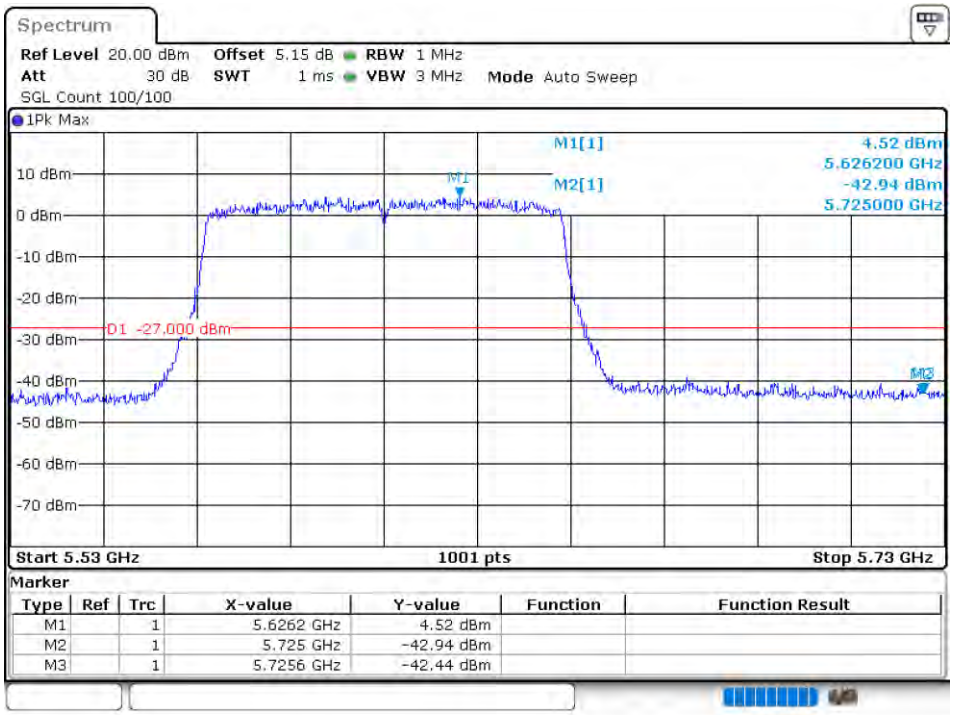


Band Edge NVNT ac80 5530MHz Low Ant2

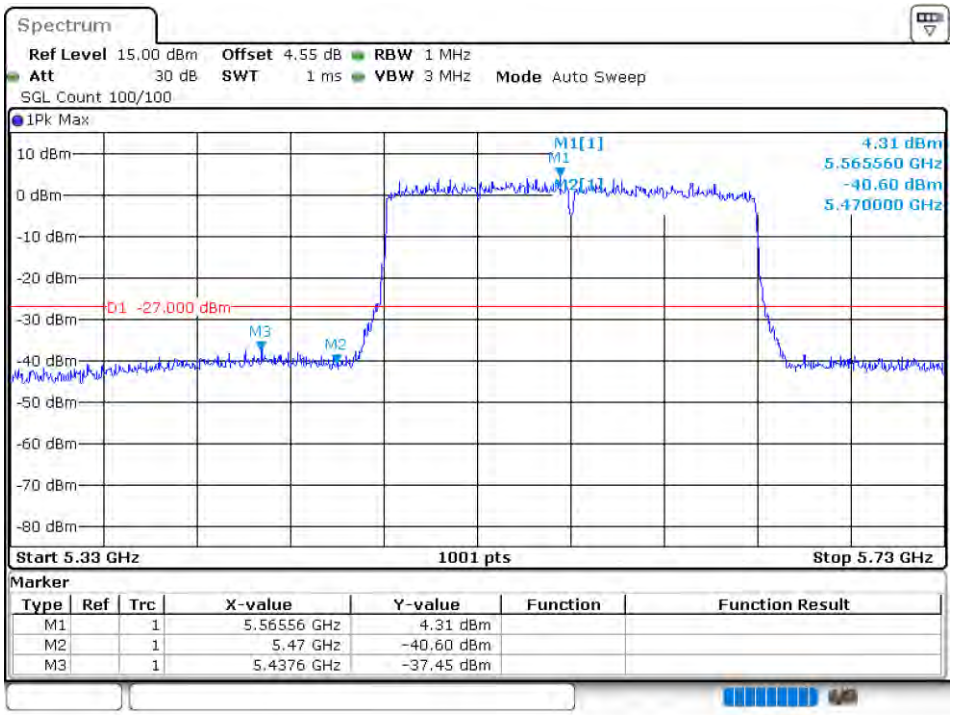
Band Edge NVNT ac80 5610MHz High Ant1



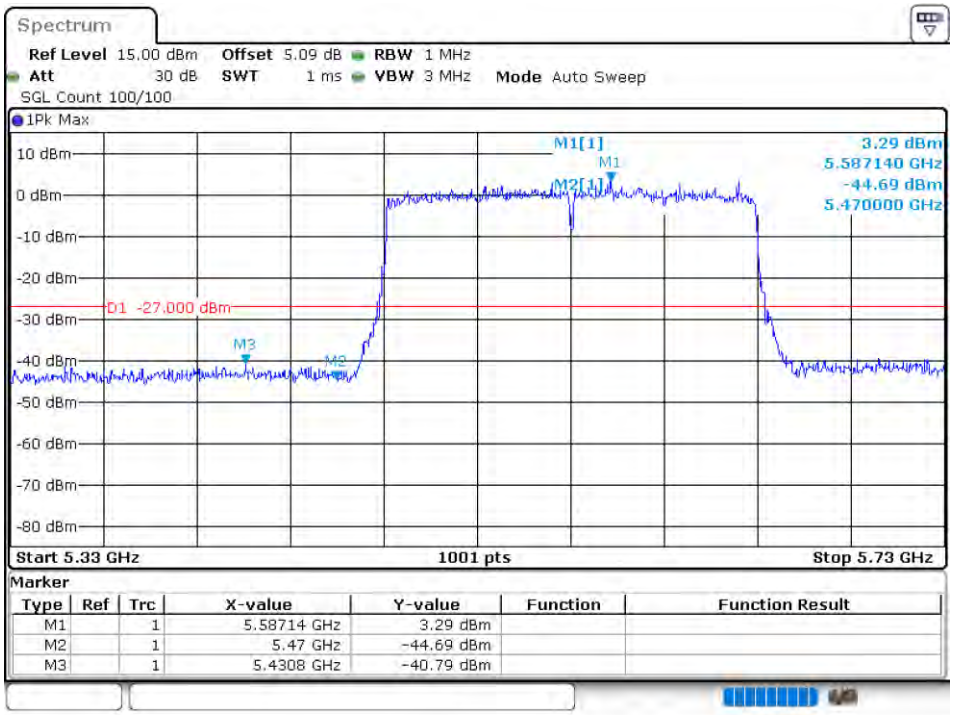
Band Edge NVNT ac80 5610MHz High Ant2



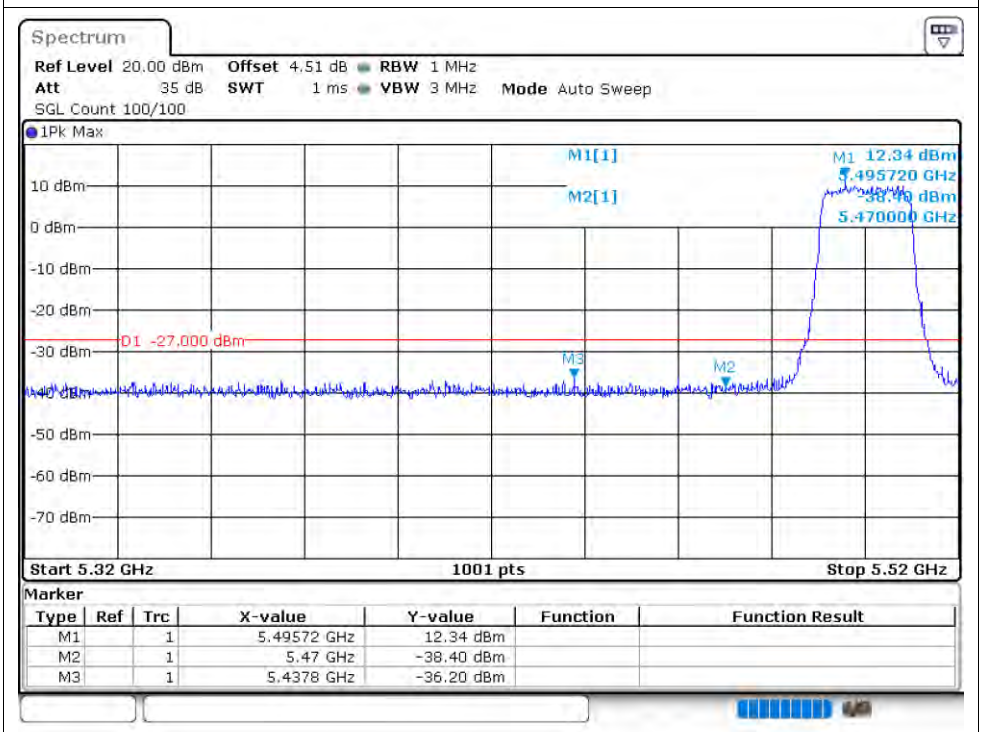
Band Edge NVNT ax160 5570MHz Low Ant1



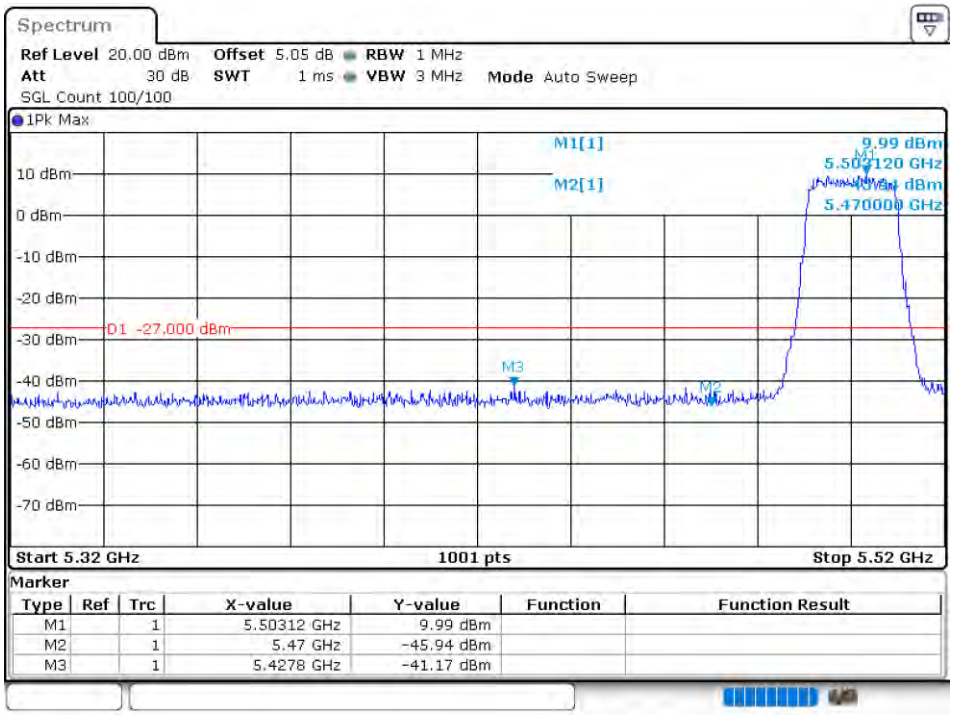
Band Edge NVNT ax160 5570MHz Low Ant2



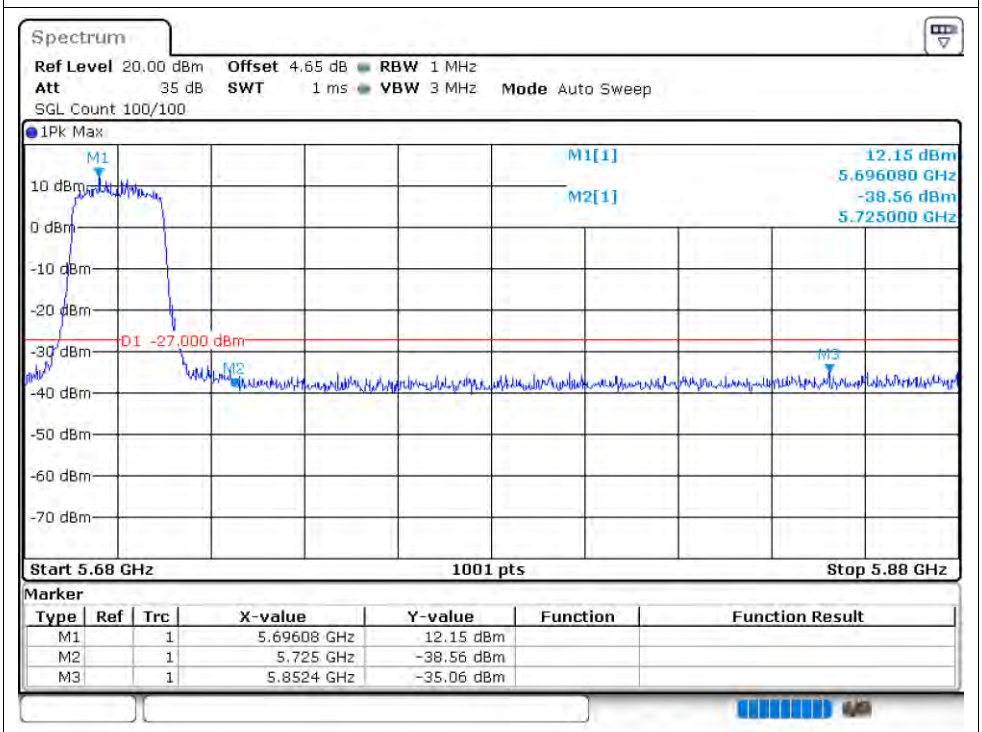
Band Edge NVNT ax20 5500MHz Low Ant1



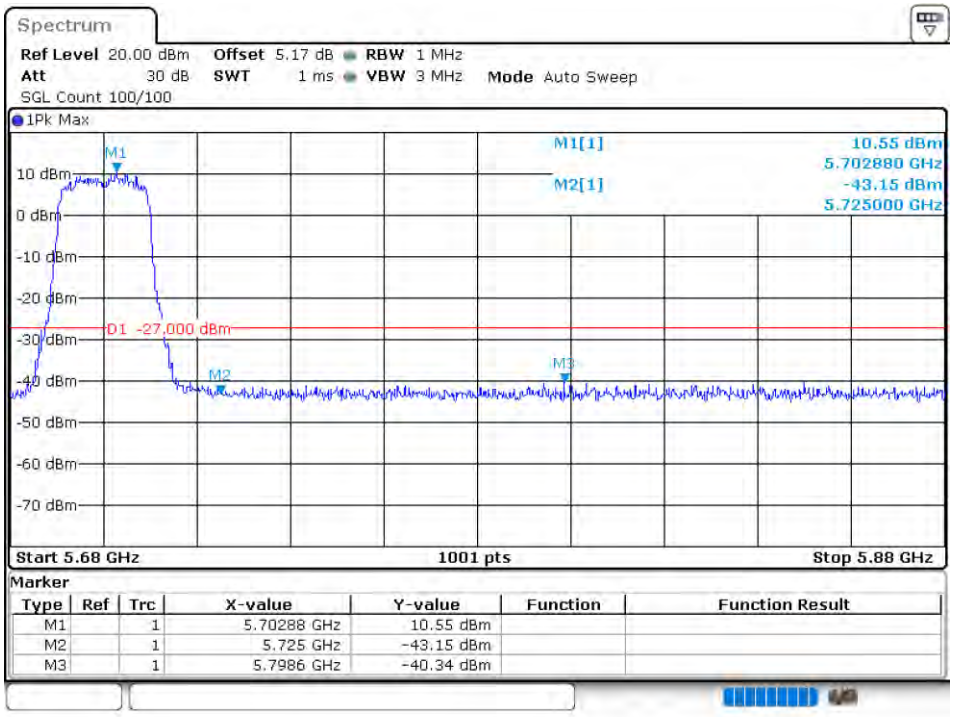
Band Edge NVNT ax20 5500MHz Low Ant2



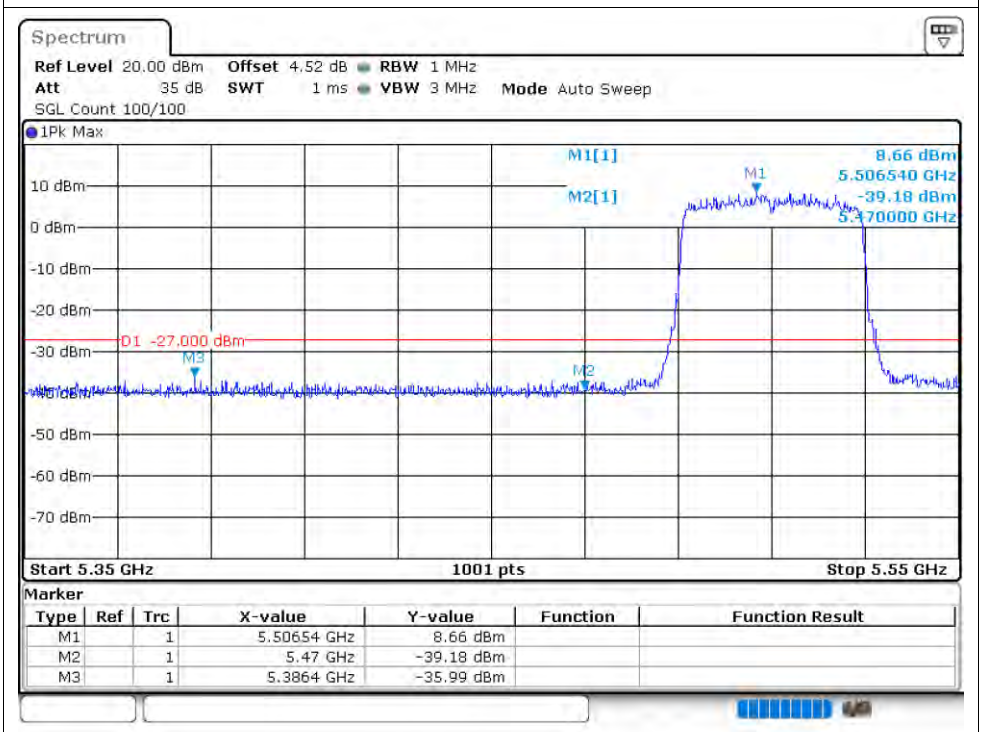
Band Edge NVNT ax20 5700MHz High Ant1



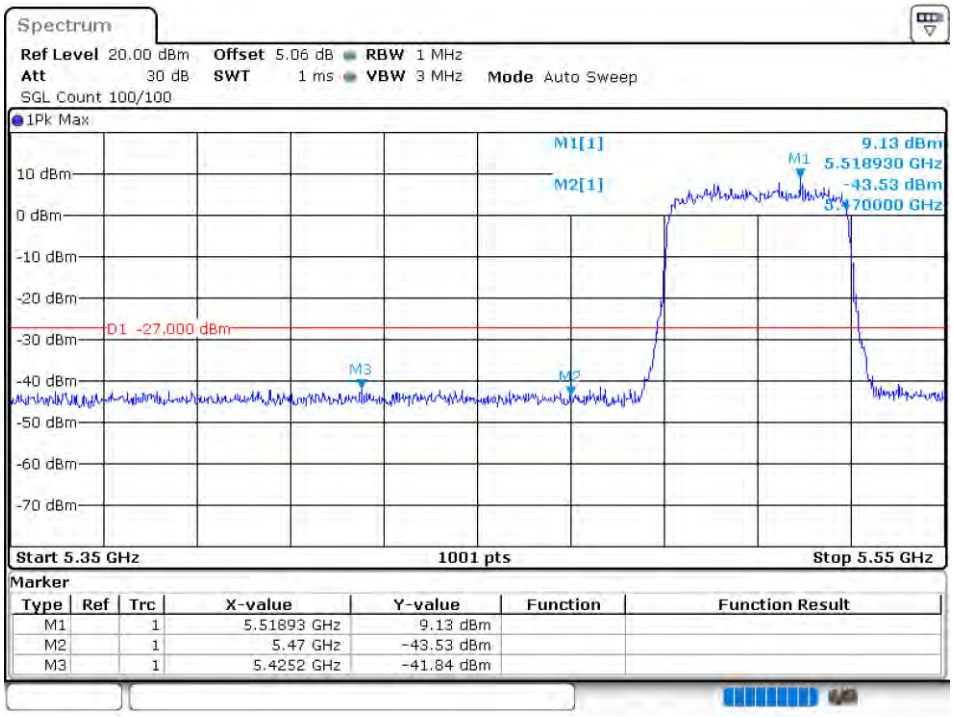
Band Edge NVNT ax20 5700MHz High Ant2



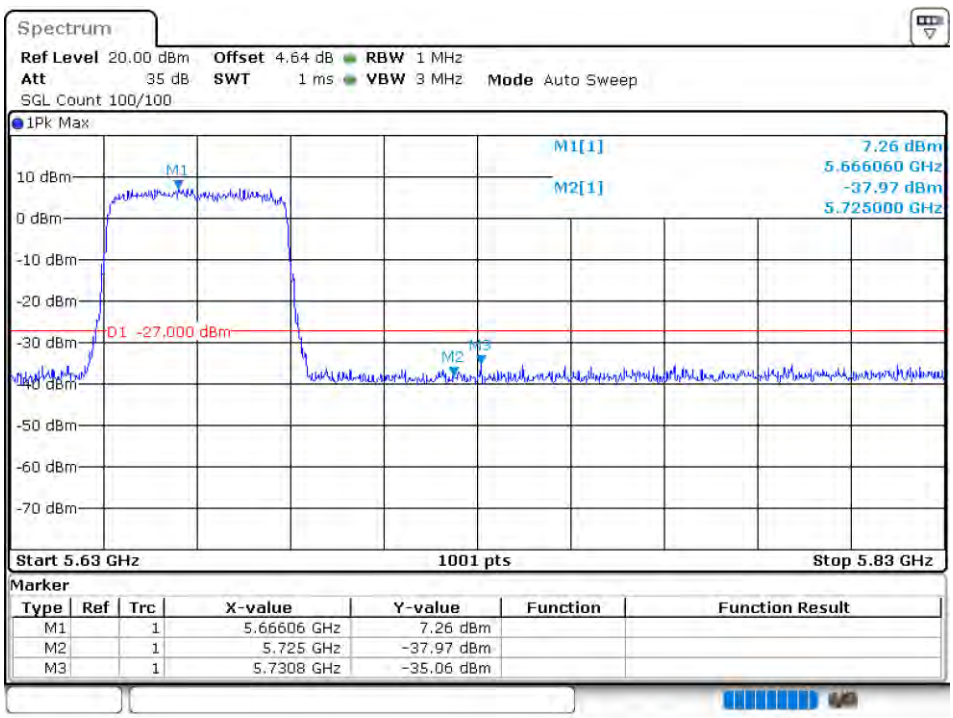
Band Edge NVNT ax40 5510MHz Low Ant1



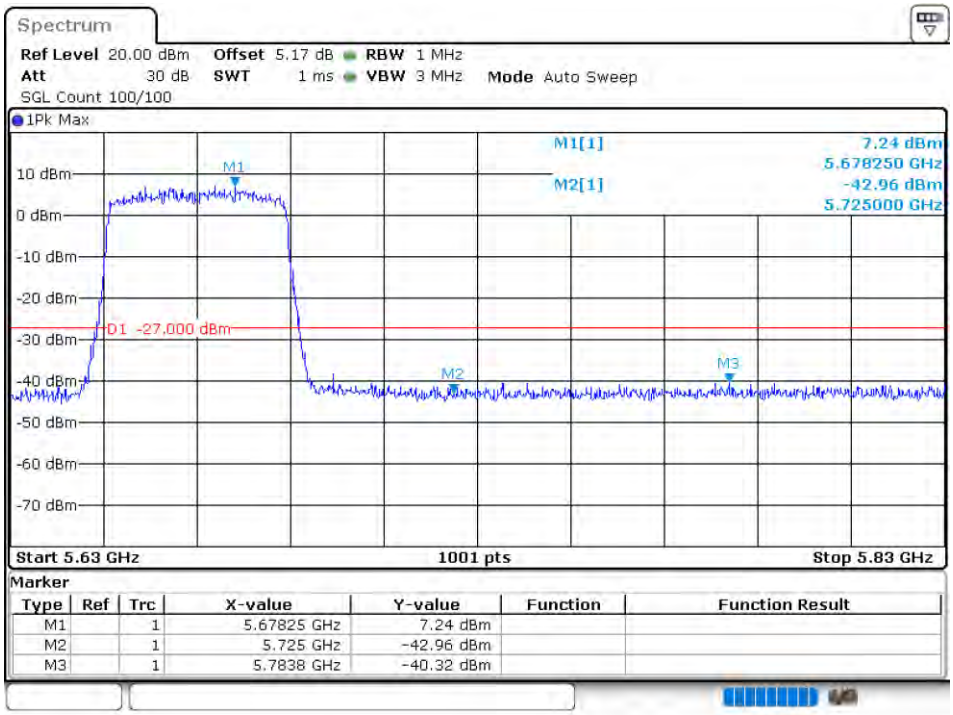
Band Edge NVNT ax40 5510MHz Low Ant2



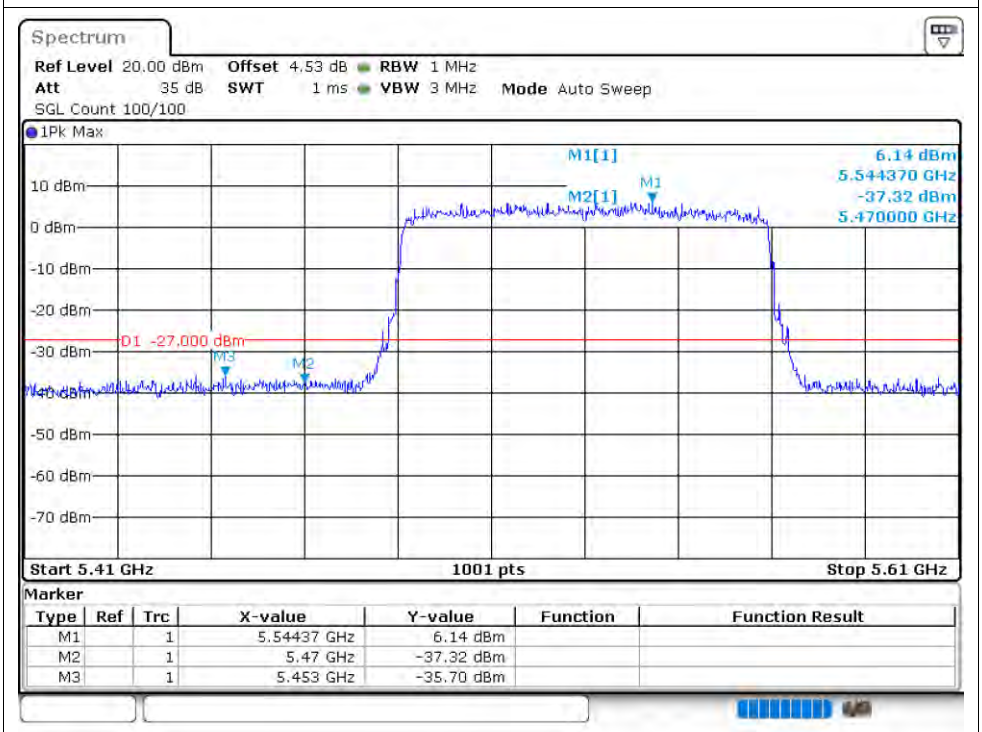
Band Edge NVNT ax40 5670MHz High Ant1



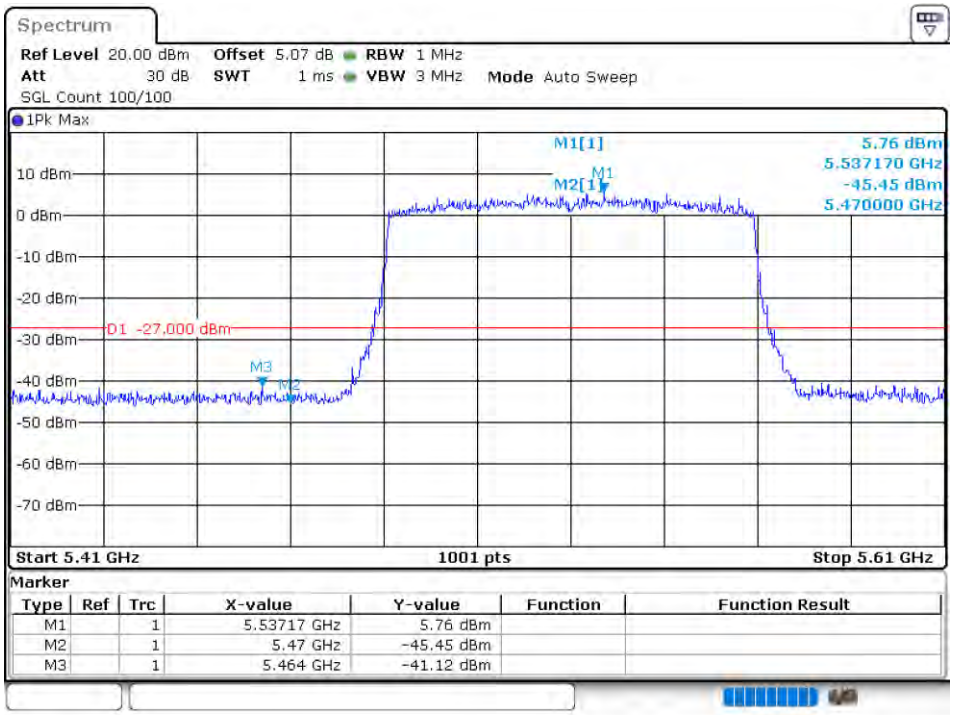
Band Edge NVNT ax40 5670MHz High Ant2



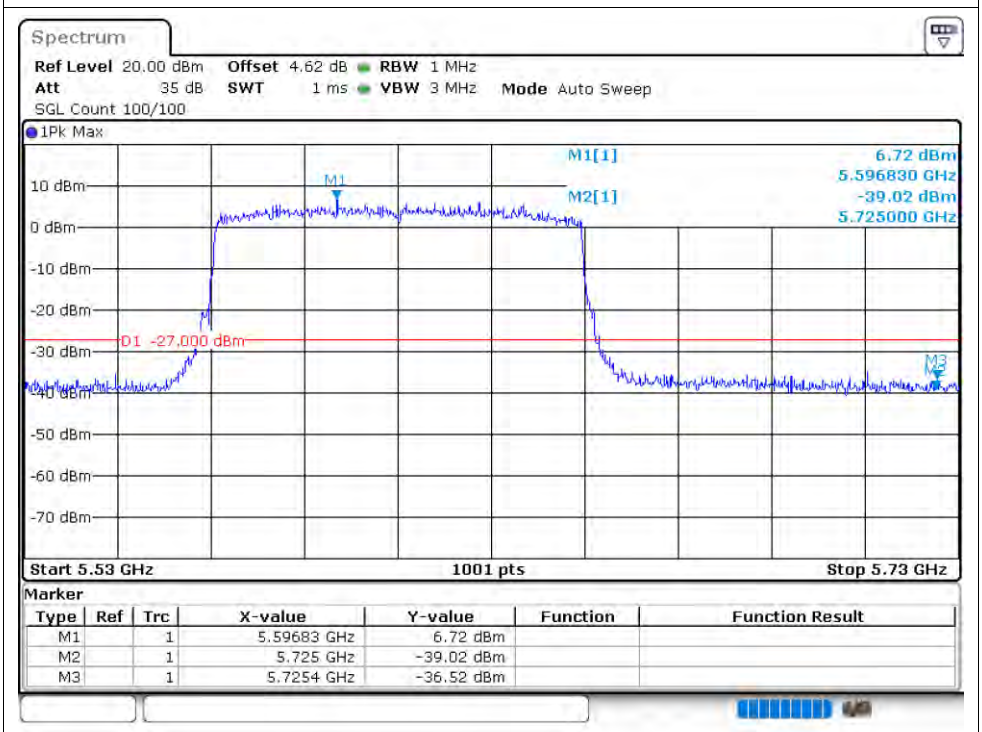
Band Edge NVNT ax80 5530MHz Low Ant1



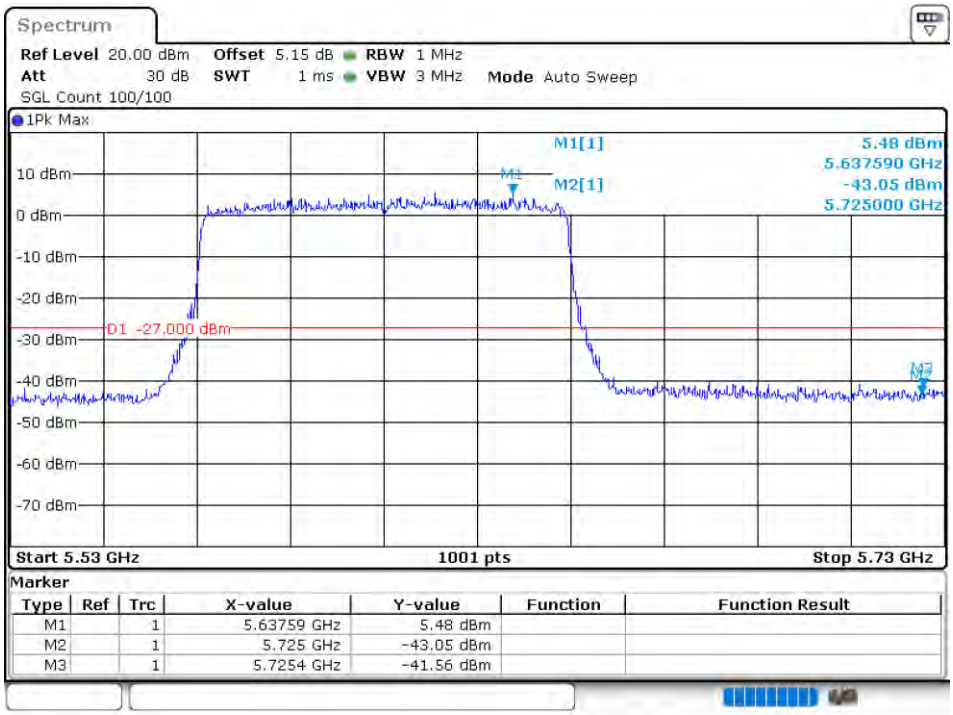
Band Edge NVNT ax80 5530MHz Low Ant2



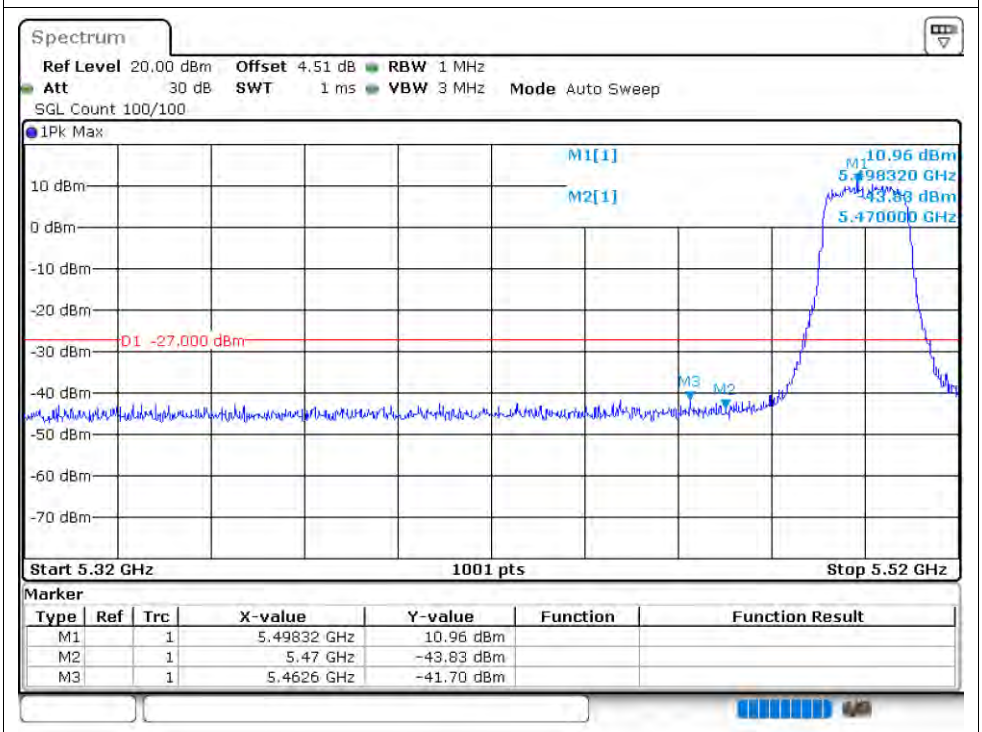
Band Edge NVNT ax80 5610MHz High Ant1



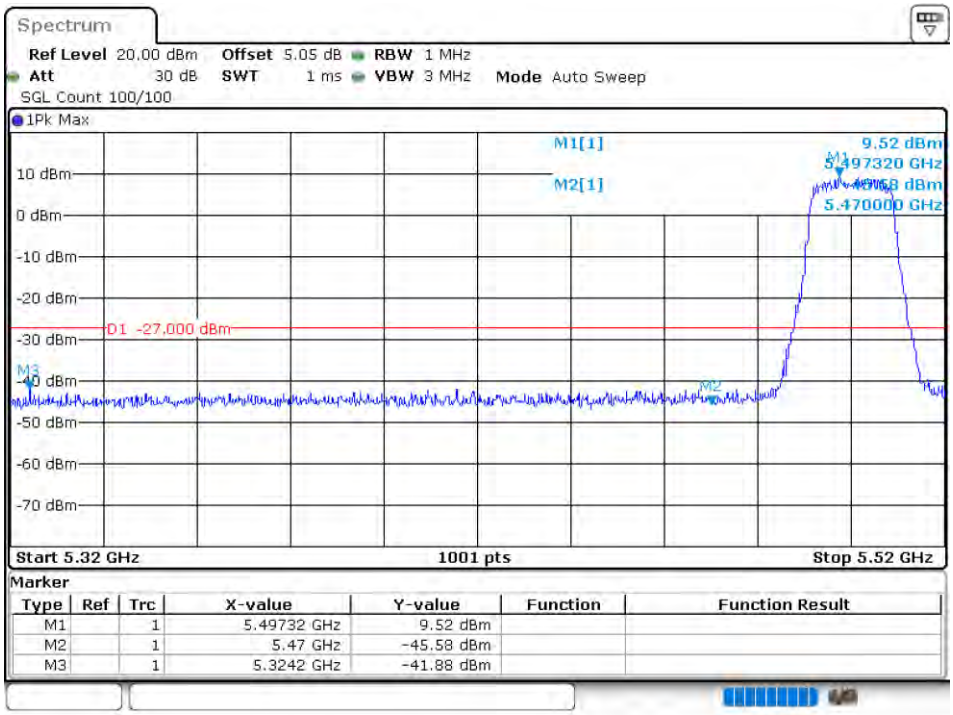
Band Edge NVNT ax80 5610MHz High Ant2



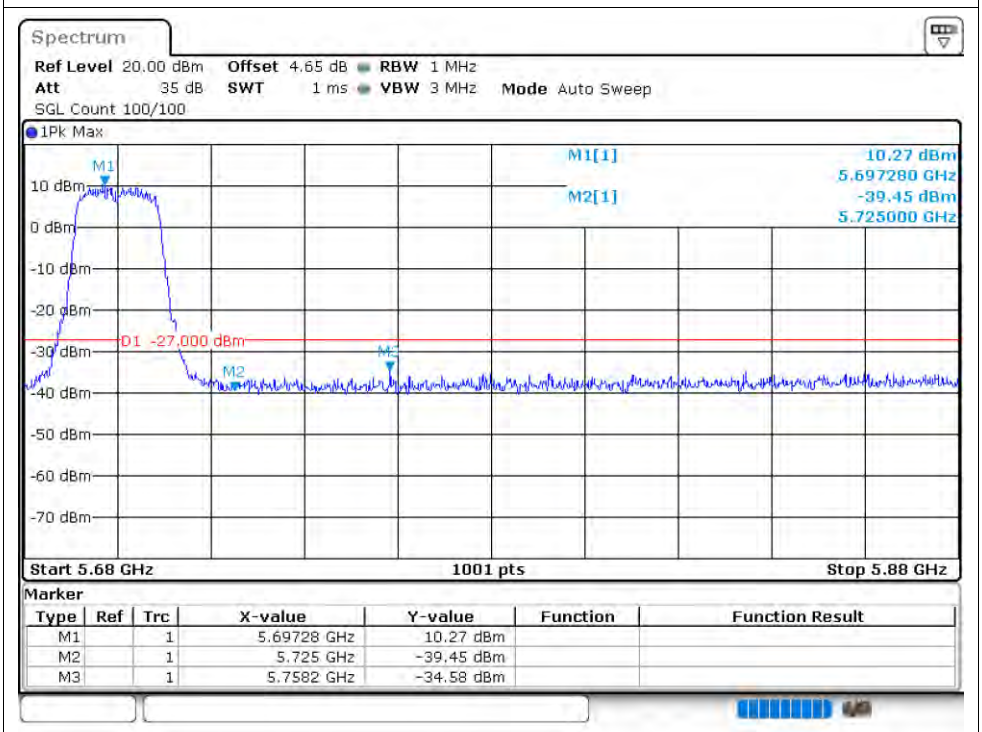
Band Edge NVNT n20 5500MHz Low Ant1



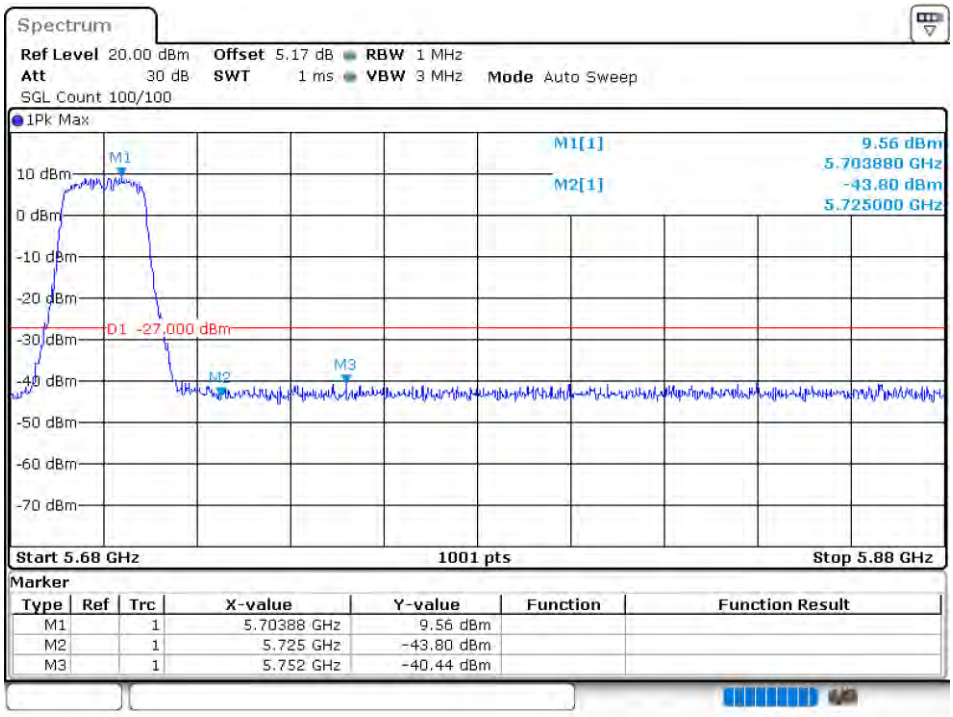
Band Edge NVNT n20 5500MHz Low Ant2



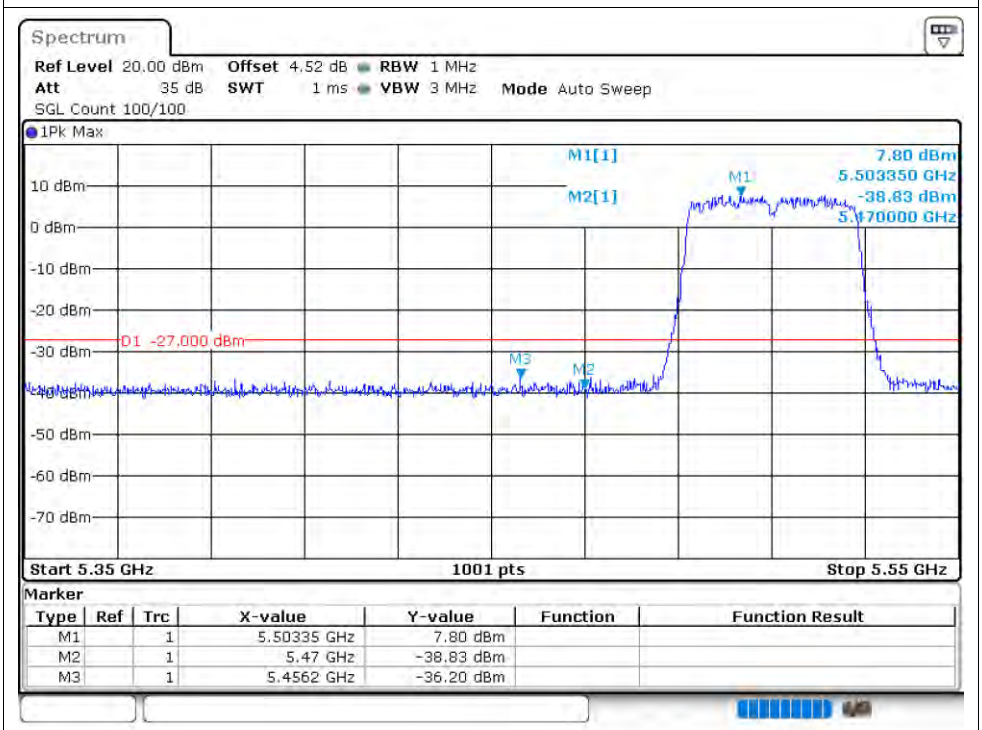
Band Edge NVNT n20 5700MHz High Ant1



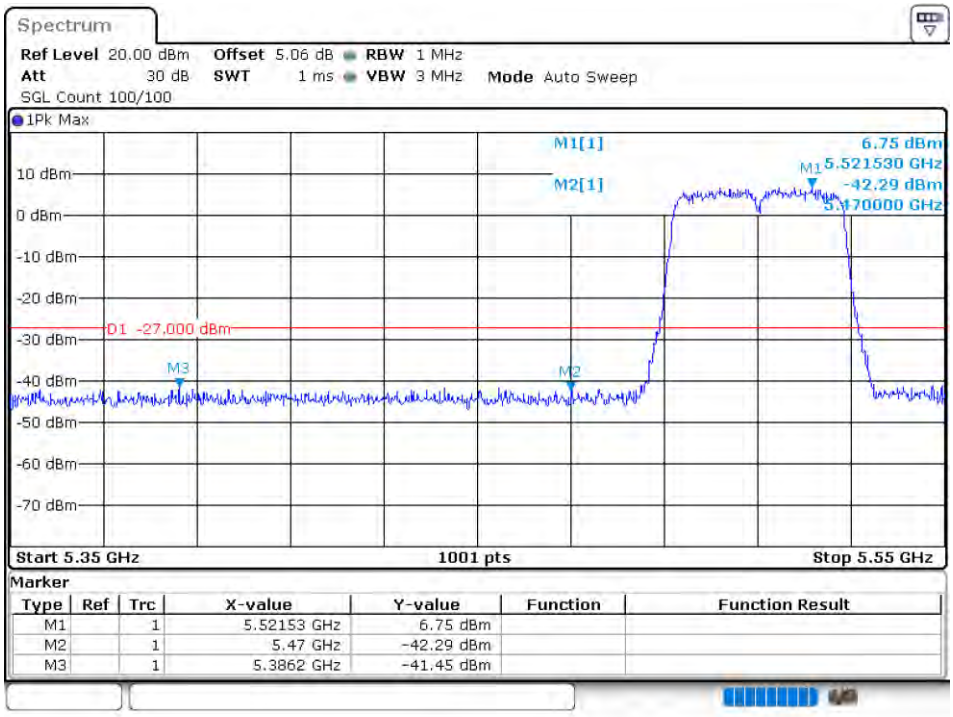
Band Edge NVNT n20 5700MHz High Ant2



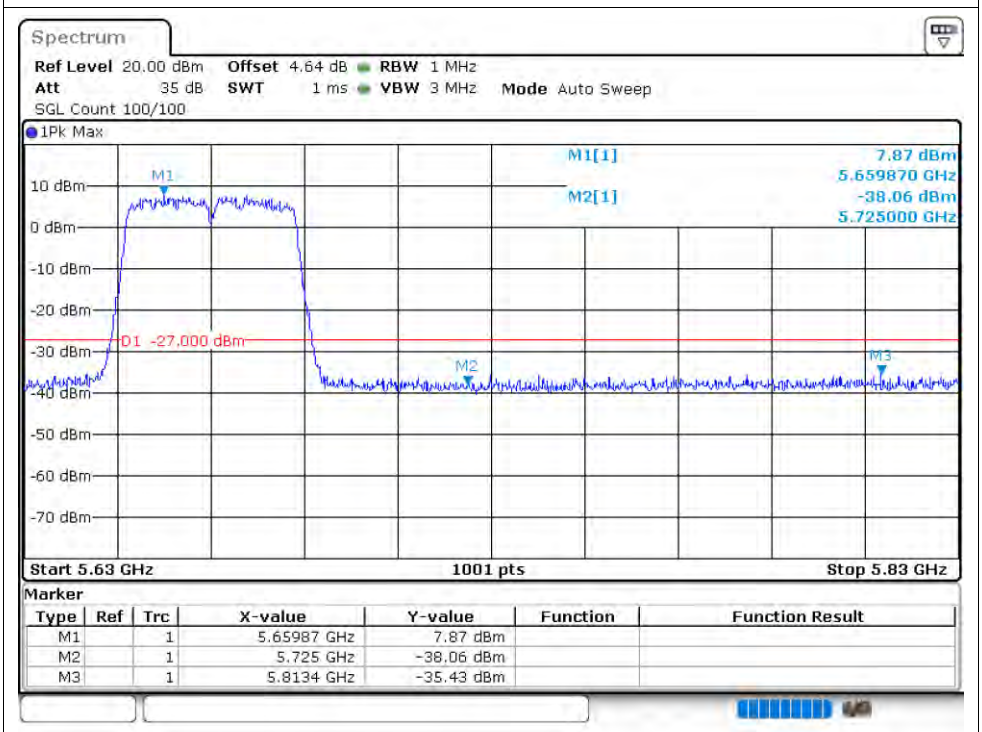
Band Edge NVNT n40 5510MHz Low Ant1



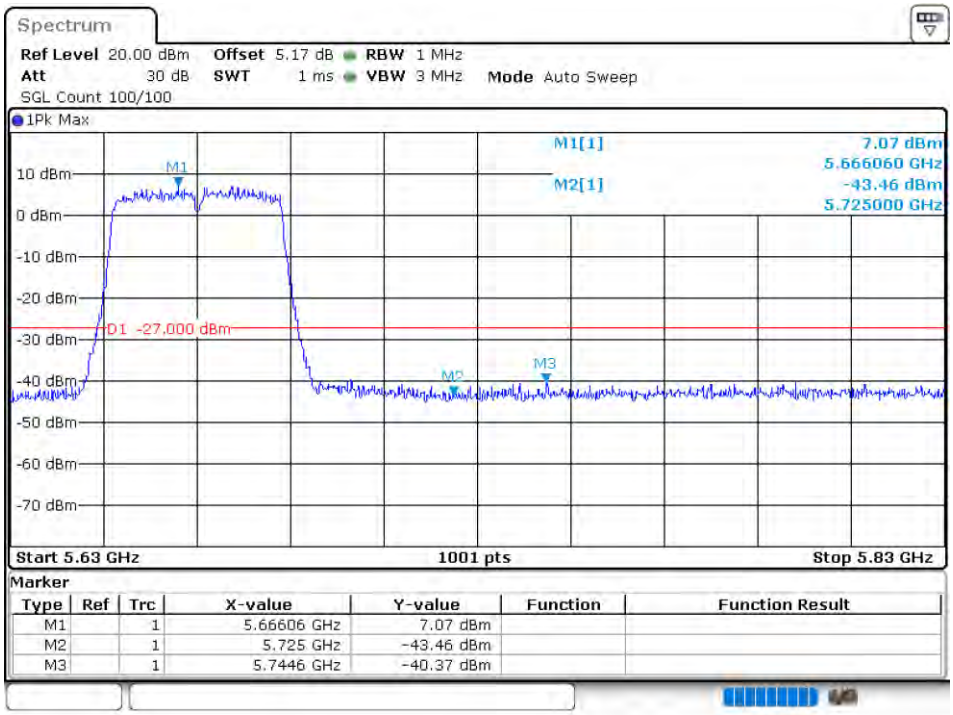
Band Edge NVNT n40 5510MHz Low Ant2



Band Edge NVNT n40 5670MHz High Ant1



Band Edge NVNT n40 5670MHz High Ant2

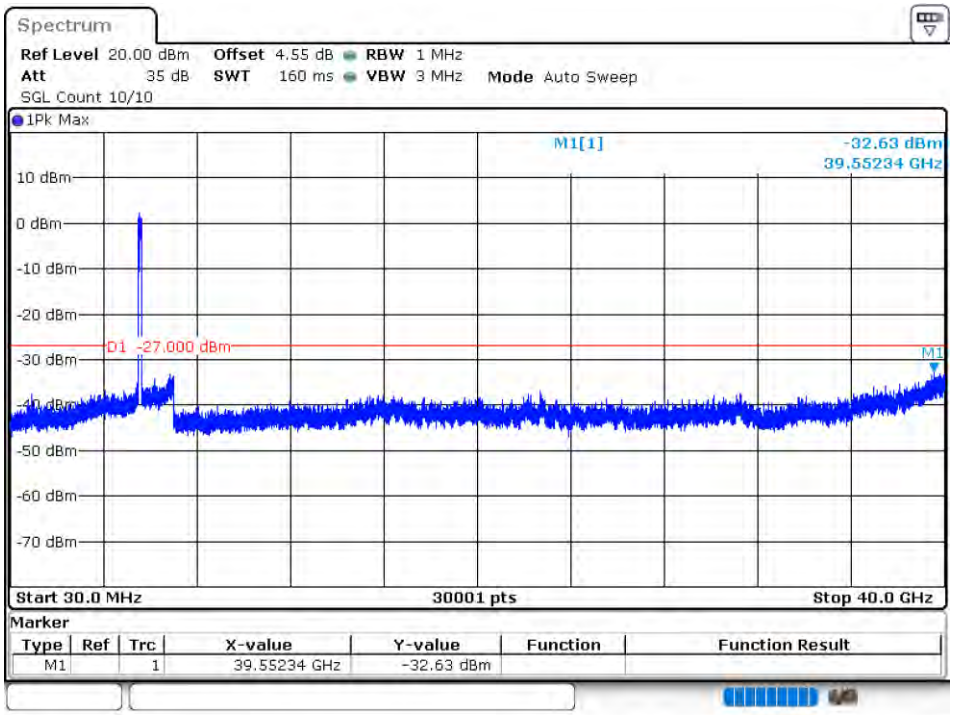


Conducted RF Spurious Emission

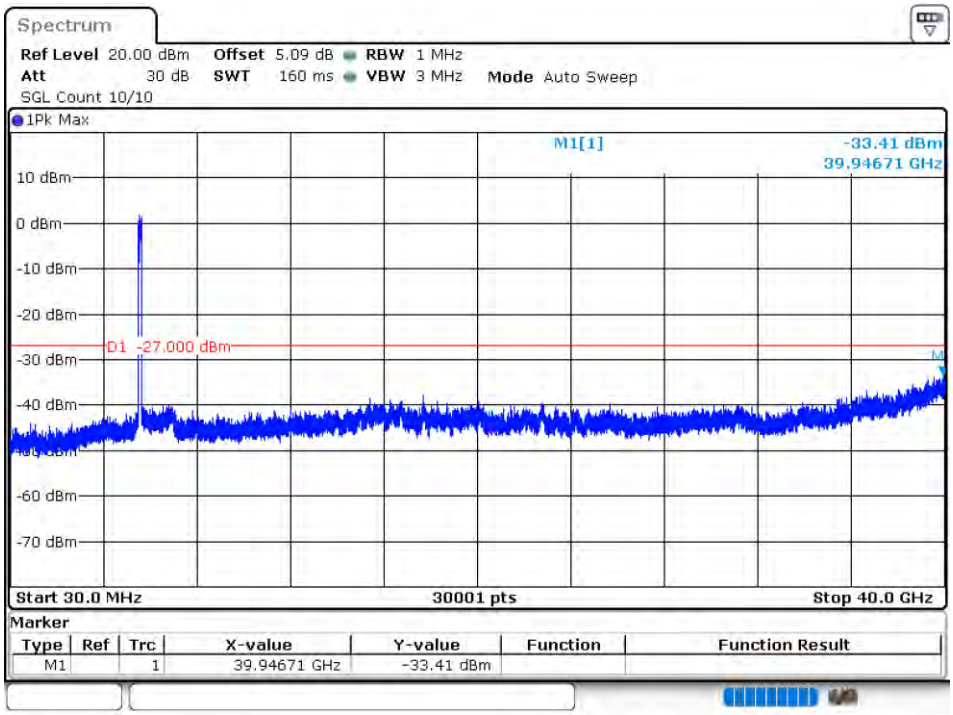
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5570	Ant1	-32.63	-27	Pass
NVNT	ac160	5570	Ant2	-33.41	-27	Pass
NVNT	ac20	5500	Ant1	-33.11	-27	Pass
NVNT	ac20	5500	Ant2	-33.1	-27	Pass
NVNT	ac20	5600	Ant1	-32.23	-27	Pass
NVNT	ac20	5600	Ant2	-33.25	-27	Pass
NVNT	ac20	5700	Ant1	-32.89	-27	Pass
NVNT	ac20	5700	Ant2	-33.87	-27	Pass
NVNT	ac40	5510	Ant1	-32.62	-27	Pass
NVNT	ac40	5510	Ant2	-32.75	-27	Pass
NVNT	ac40	5590	Ant1	-32.77	-27	Pass
NVNT	ac40	5590	Ant2	-33.08	-27	Pass
NVNT	ac40	5670	Ant1	-32.25	-27	Pass
NVNT	ac40	5670	Ant2	-32.82	-27	Pass
NVNT	ac80	5530	Ant1	-32.25	-27	Pass
NVNT	ac80	5530	Ant2	-33.36	-27	Pass
NVNT	ac80	5610	Ant1	-32.78	-27	Pass
NVNT	ac80	5610	Ant2	-32.98	-27	Pass
NVNT	ax160	5570	Ant1	-34.01	-27	Pass
NVNT	ax160	5570	Ant2	-31.52	-27	Pass
NVNT	ax20	5500	Ant1	-32.83	-27	Pass
NVNT	ax20	5500	Ant2	-34.06	-27	Pass
NVNT	ax20	5600	Ant1	-32.92	-27	Pass
NVNT	ax20	5600	Ant2	-32.82	-27	Pass
NVNT	ax20	5700	Ant1	-32.3	-27	Pass
NVNT	ax20	5700	Ant2	-32.88	-27	Pass
NVNT	ax40	5510	Ant1	-31.86	-27	Pass
NVNT	ax40	5510	Ant2	-33.23	-27	Pass
NVNT	ax40	5590	Ant1	-32.71	-27	Pass
NVNT	ax40	5590	Ant2	-32.51	-27	Pass
NVNT	ax40	5670	Ant1	-33.63	-27	Pass
NVNT	ax40	5670	Ant2	-32.49	-27	Pass
NVNT	ax80	5530	Ant1	-32.75	-27	Pass
NVNT	ax80	5530	Ant2	-33.25	-27	Pass
NVNT	ax80	5610	Ant1	-32.55	-27	Pass
NVNT	ax80	5610	Ant2	-33.7	-27	Pass
NVNT	n20	5500	Ant1	-32.9	-27	Pass
NVNT	n20	5500	Ant2	-33.87	-27	Pass
NVNT	n20	5600	Ant1	-32.85	-27	Pass
NVNT	n20	5600	Ant2	-33.53	-27	Pass
NVNT	n20	5700	Ant1	-33.01	-27	Pass
NVNT	n20	5700	Ant2	-33.15	-27	Pass
NVNT	n40	5510	Ant1	-31.93	-27	Pass
NVNT	n40	5510	Ant2	-32.94	-27	Pass
NVNT	n40	5590	Ant1	-32.31	-27	Pass
NVNT	n40	5590	Ant2	-32.74	-27	Pass
NVNT	n40	5670	Ant1	-32.2	-27	Pass
NVNT	n40	5670	Ant2	-32.81	-27	Pass

Test Graphs

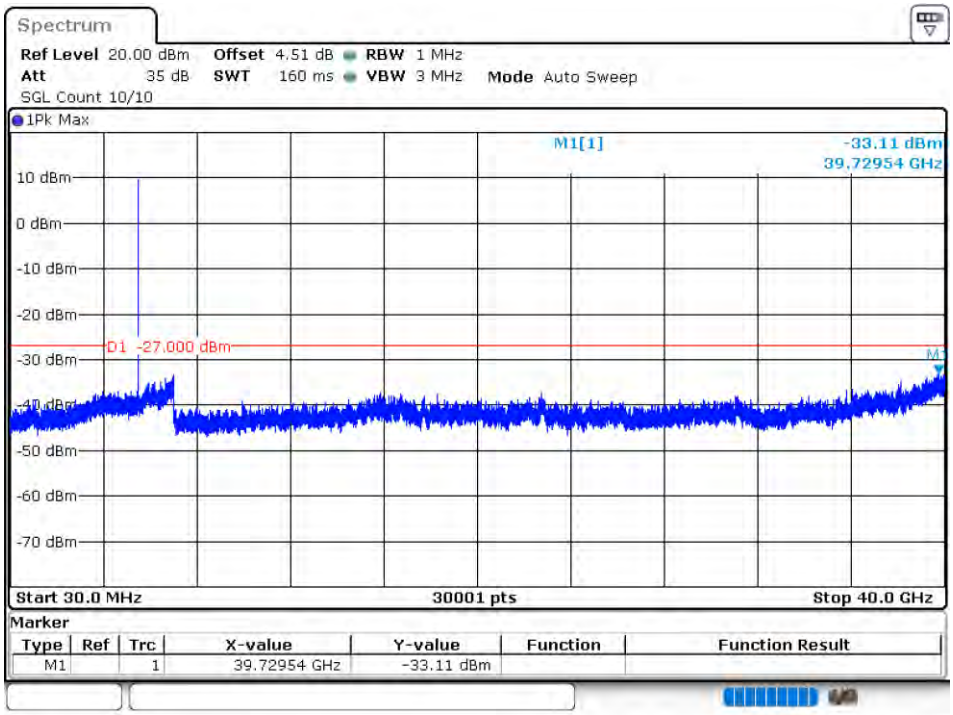
Tx. Spurious NVNT ac160 5570MHz Ant1 Emission



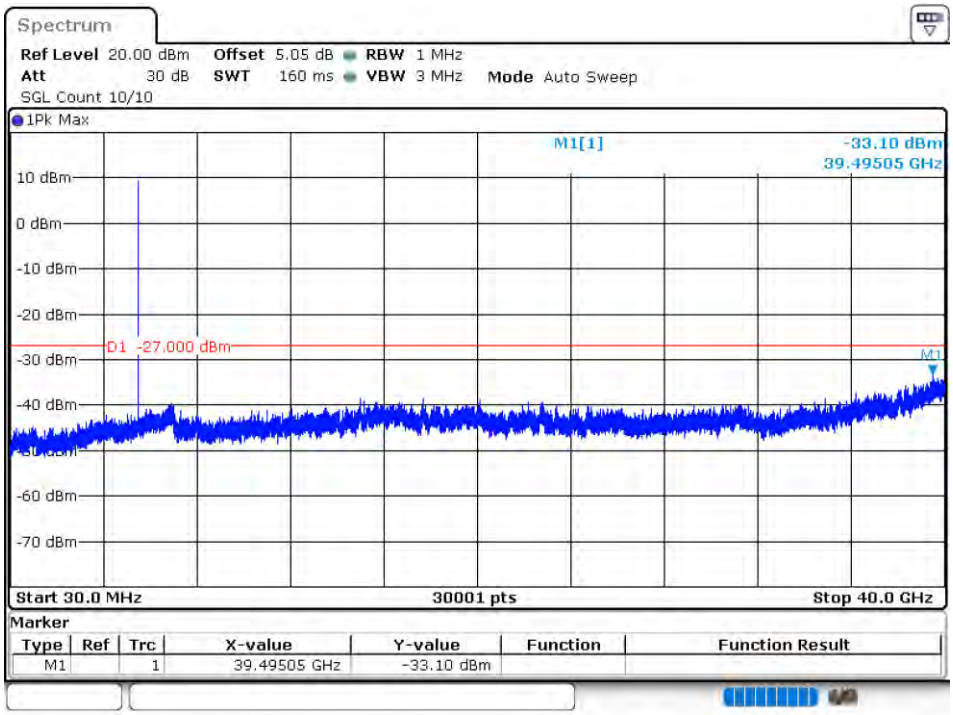
Tx. Spurious NVNT ac160 5570MHz Ant2 Emission



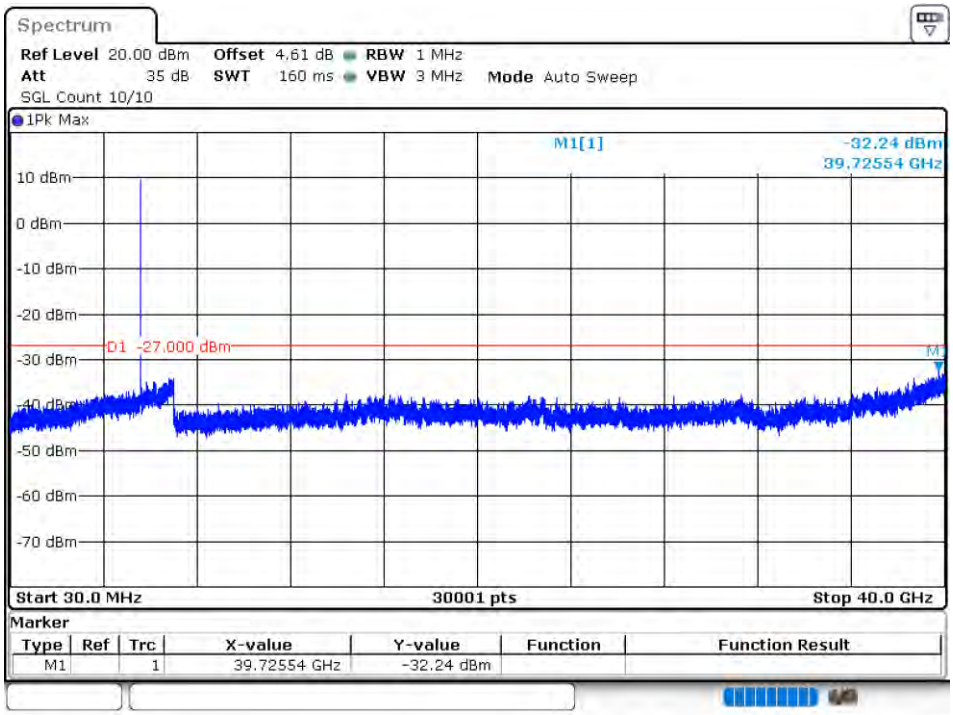
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



Tx. Spurious NVNT ac20 5500MHz Ant2 Emission



Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



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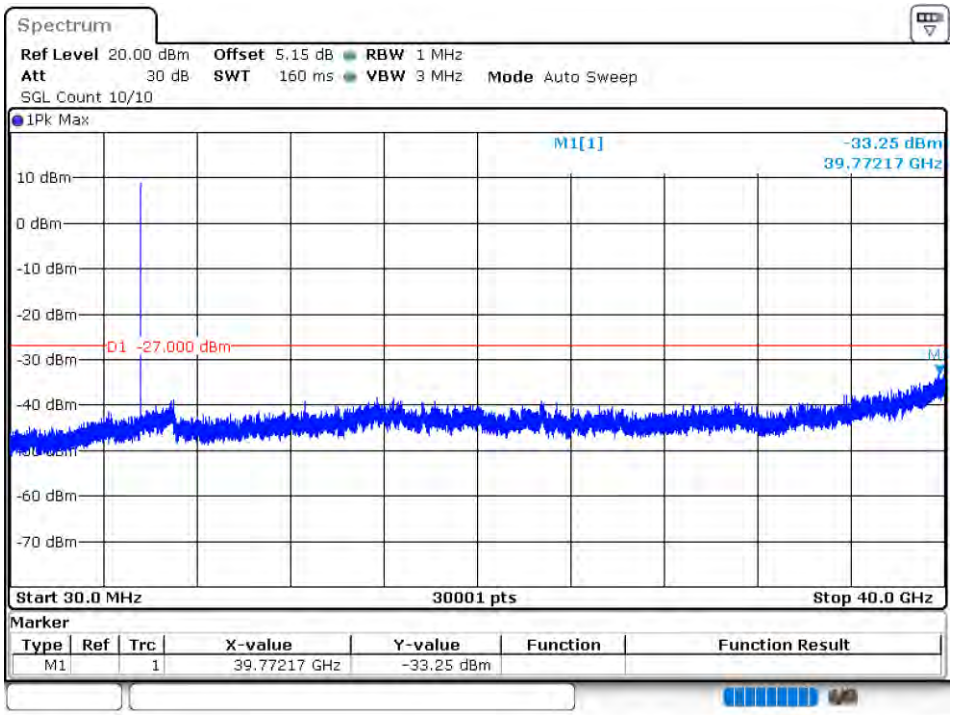
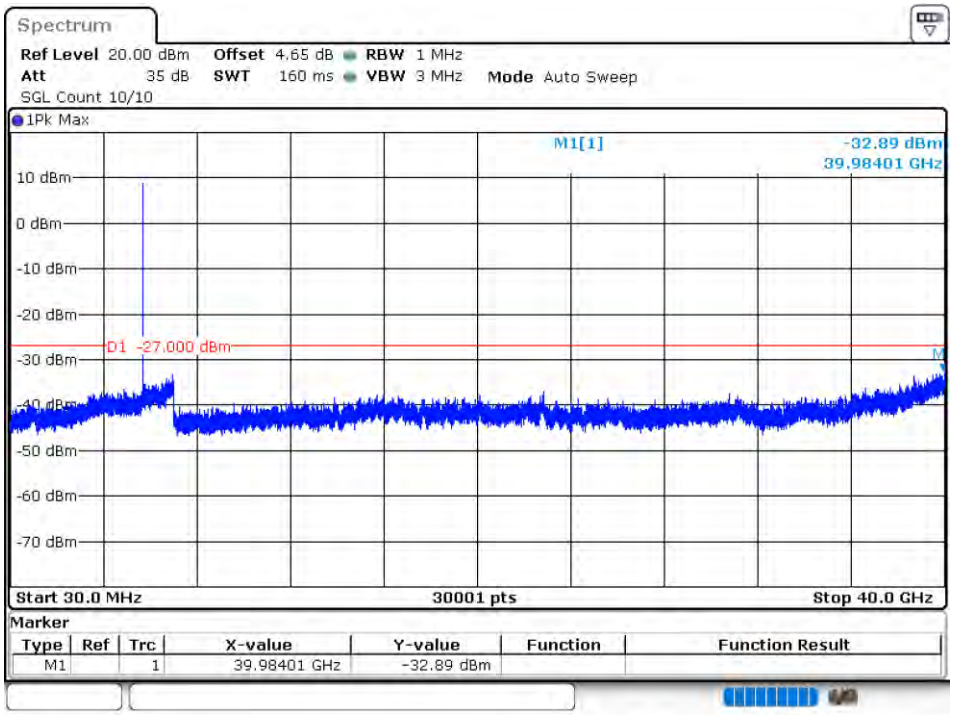
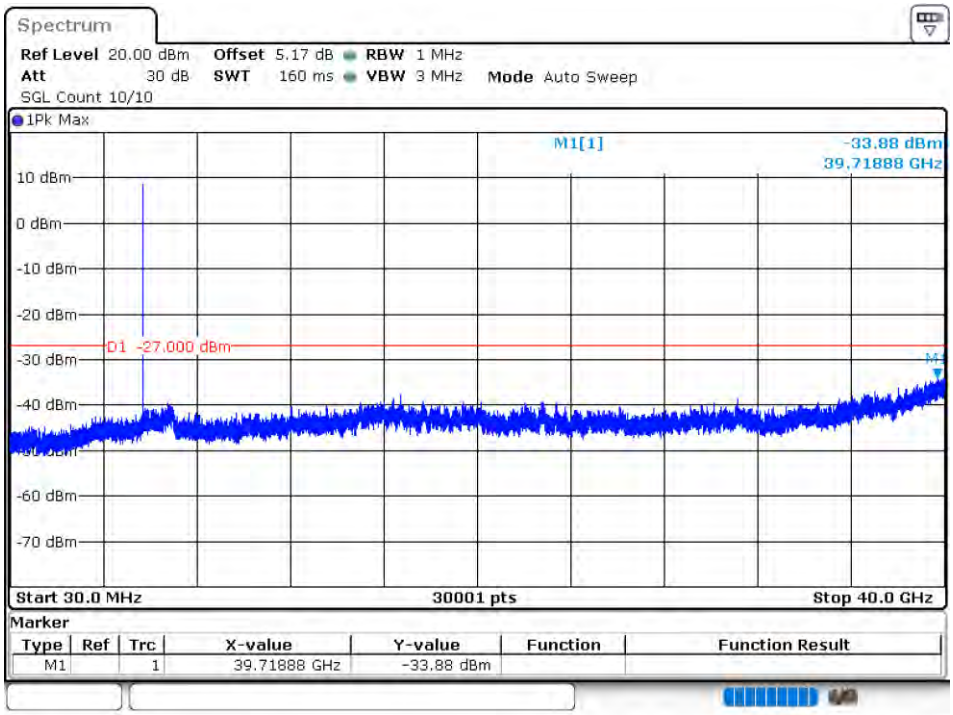


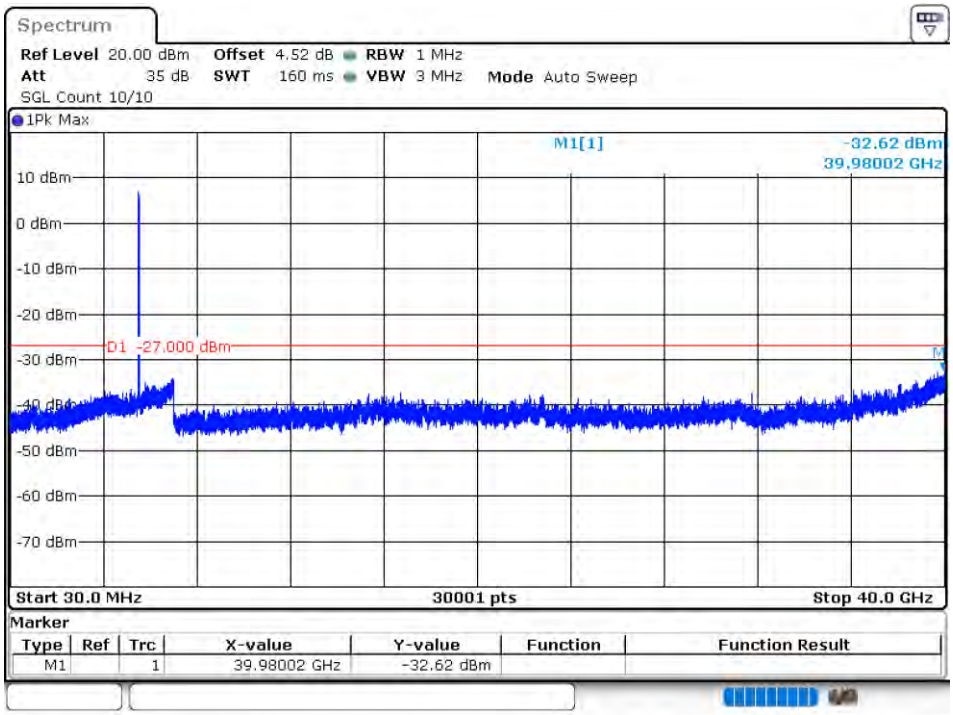
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



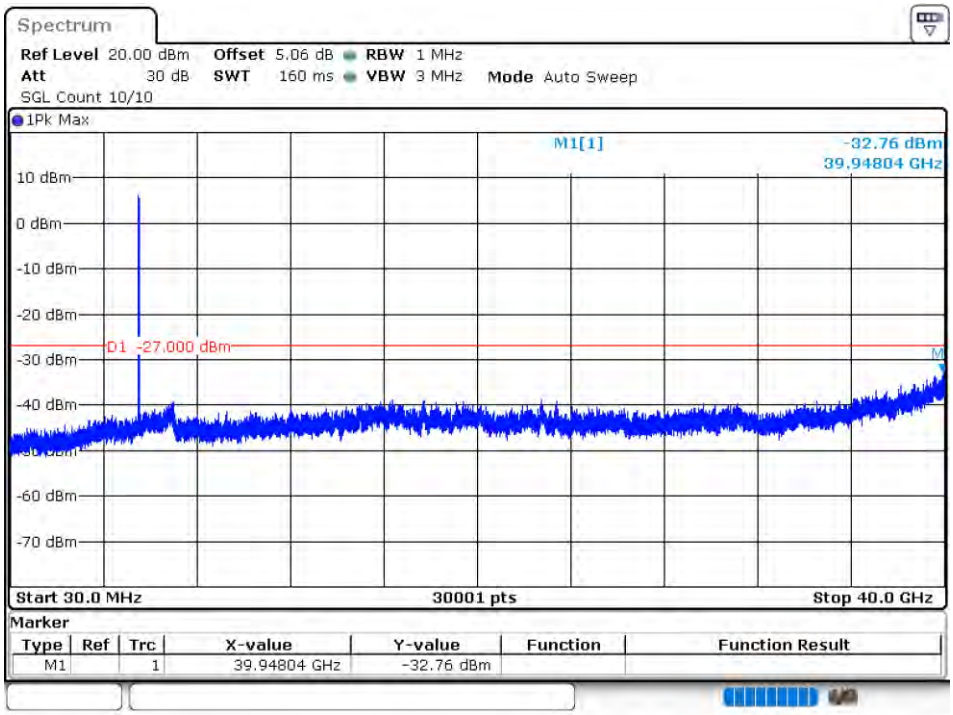
Tx. Spurious NVNT ac20 5700MHz Ant2 Emission



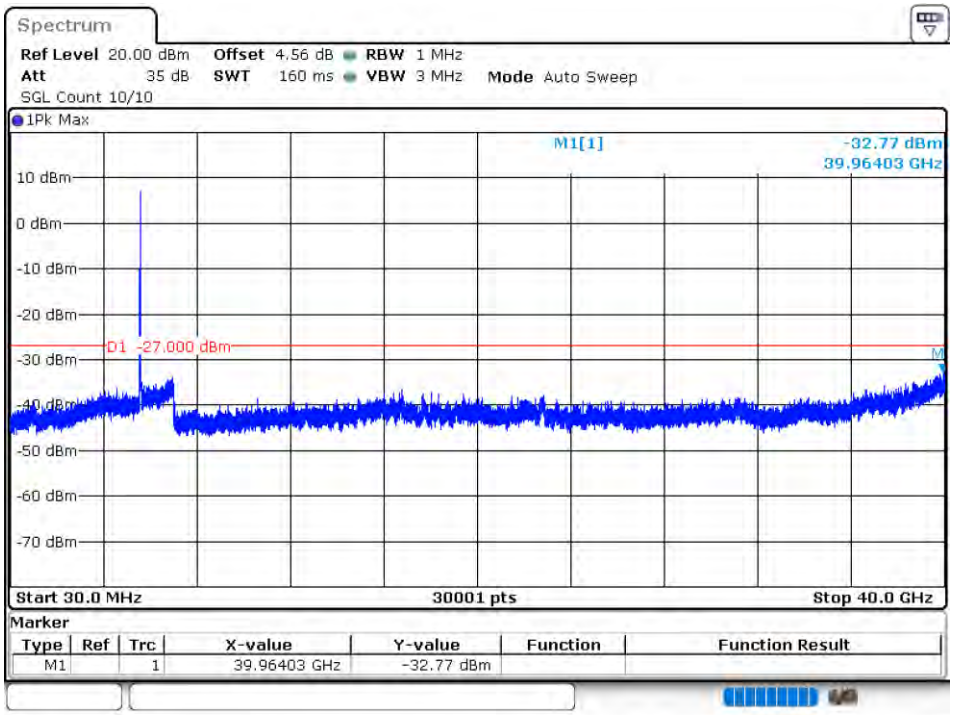
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



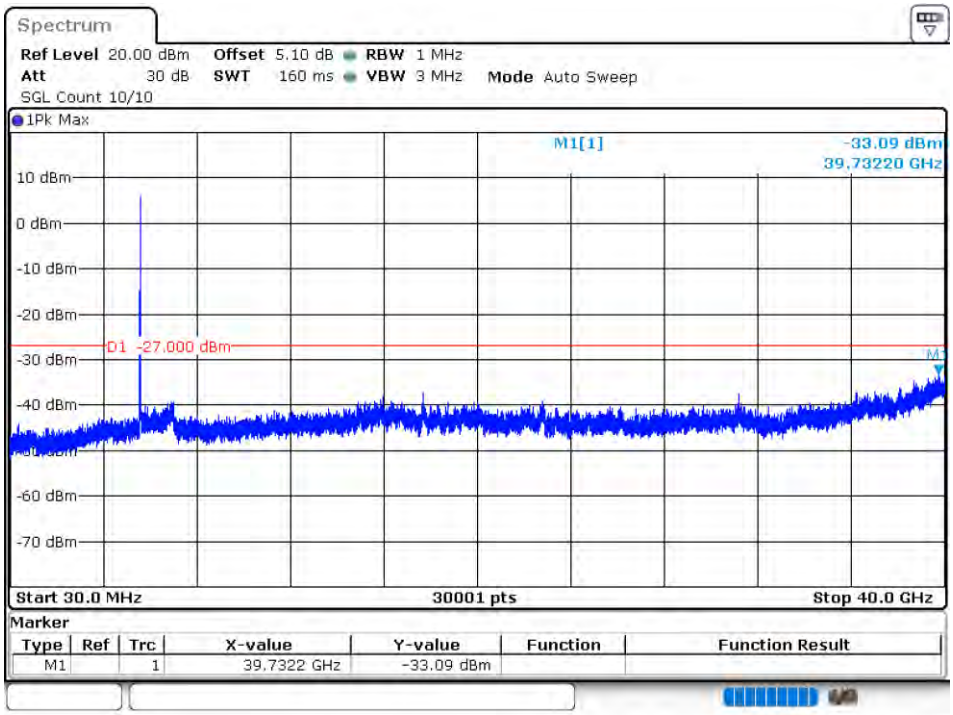
Tx. Spurious NVNT ac40 5510MHz Ant2 Emission



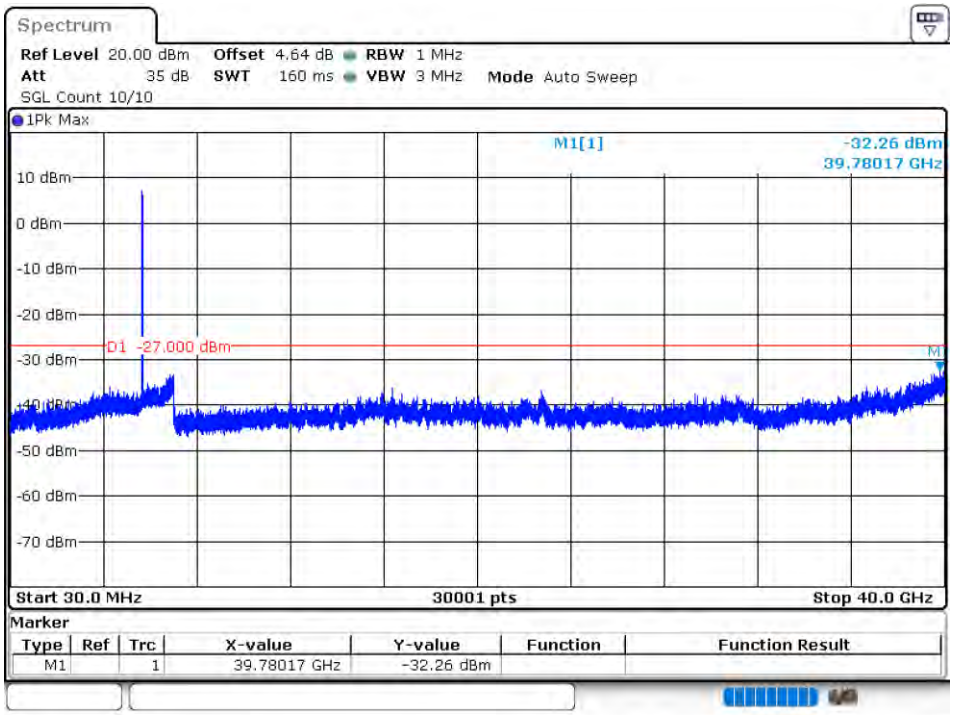
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



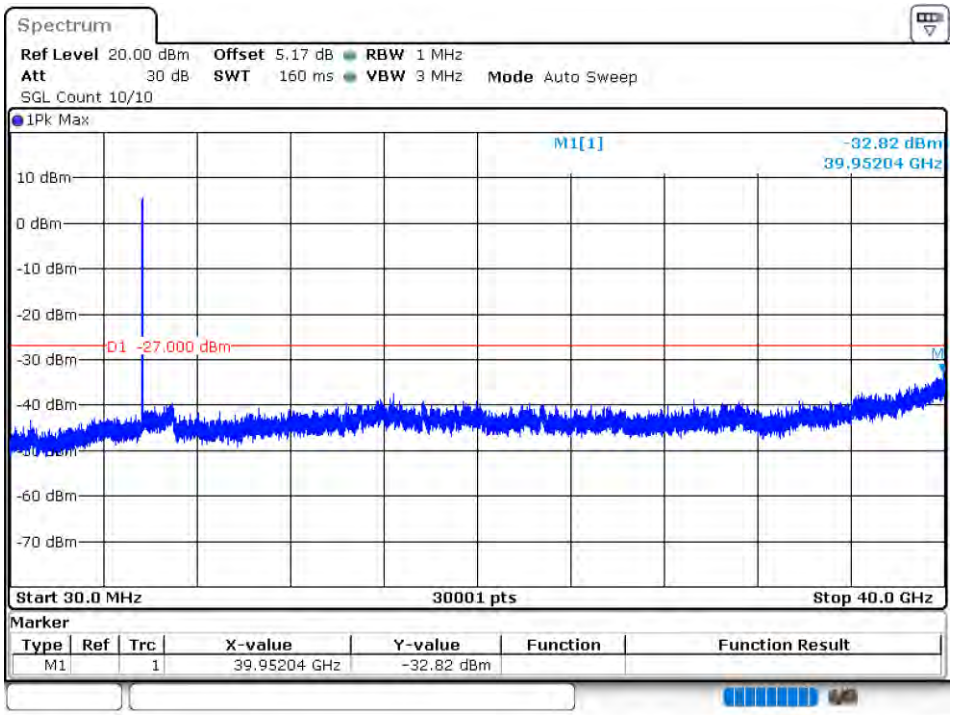
Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



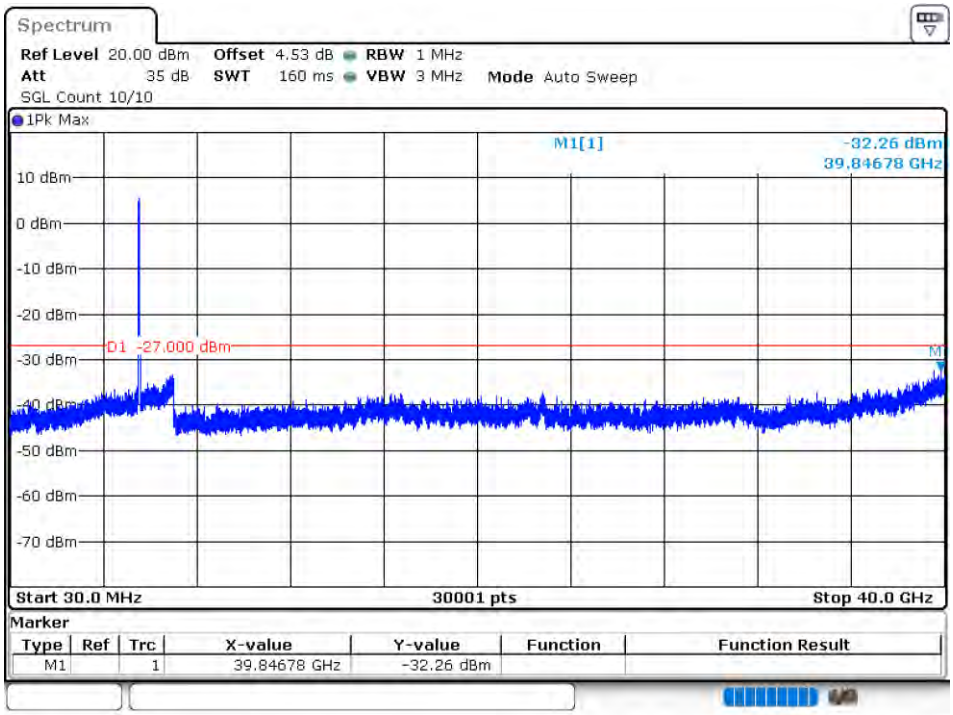
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac40 5670MHz Ant2 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



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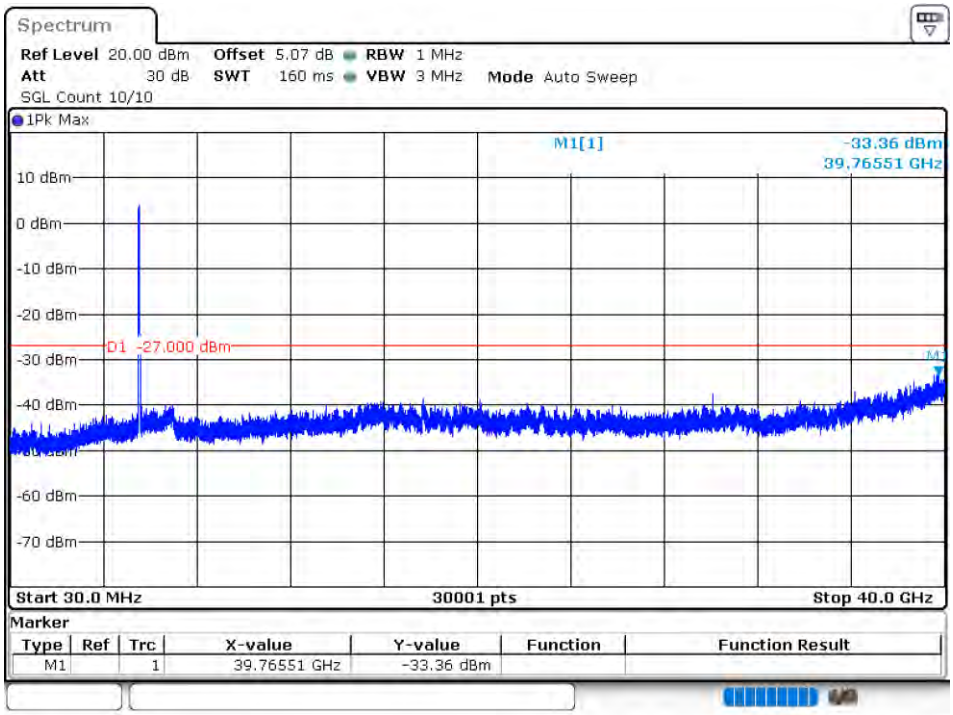

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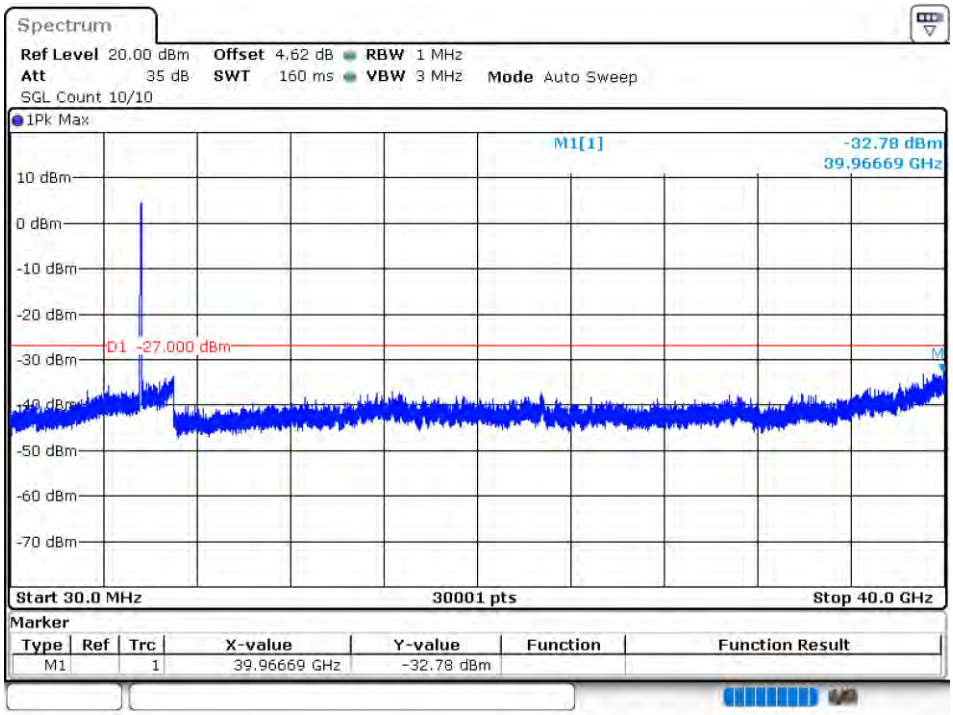
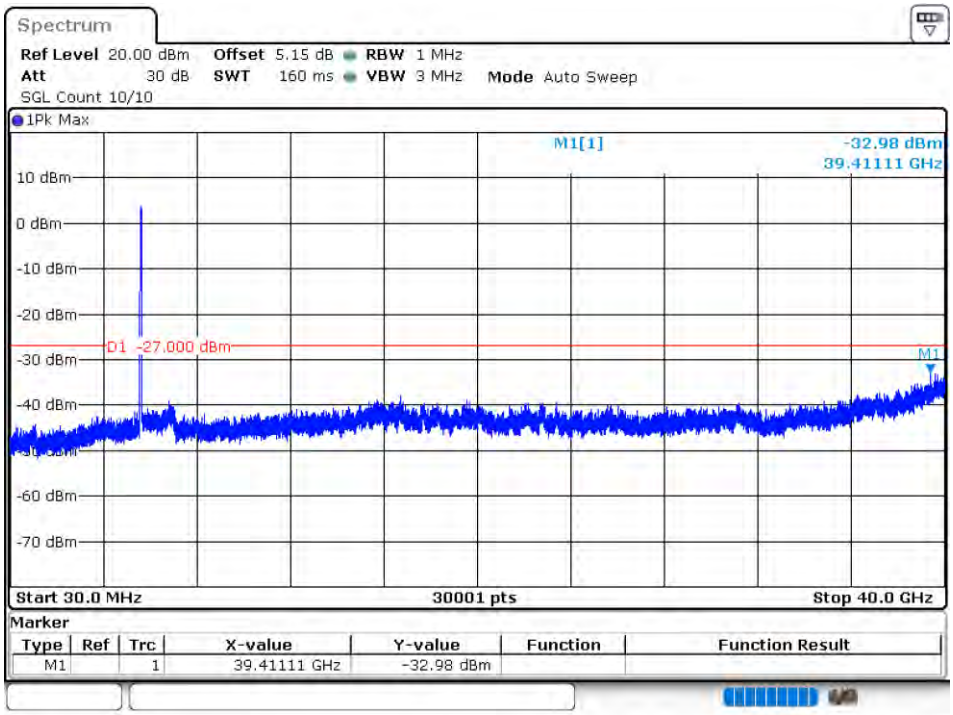
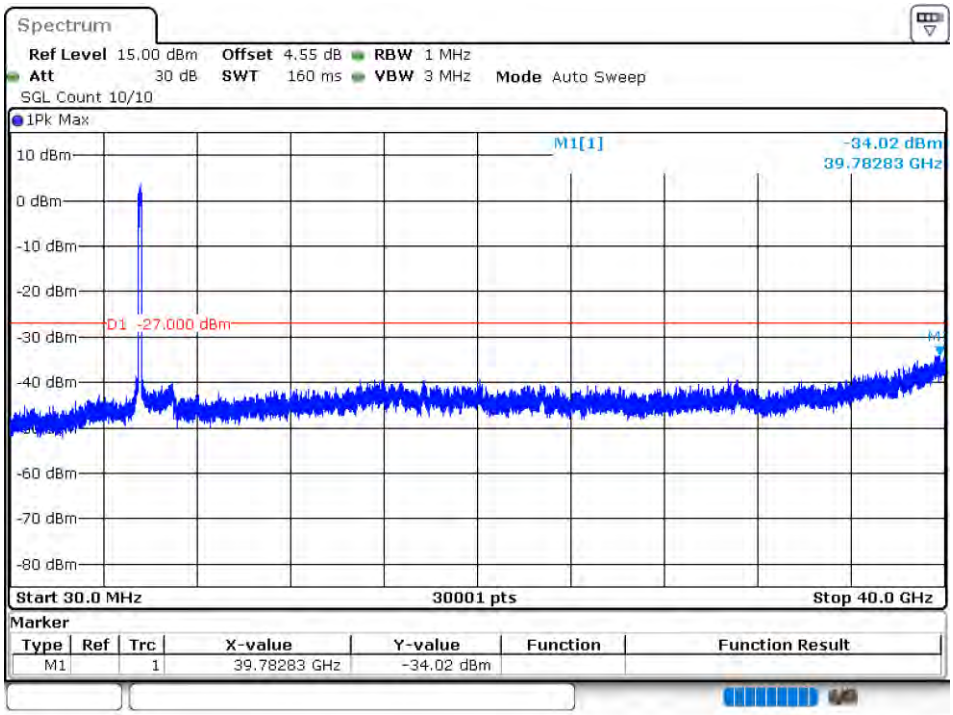


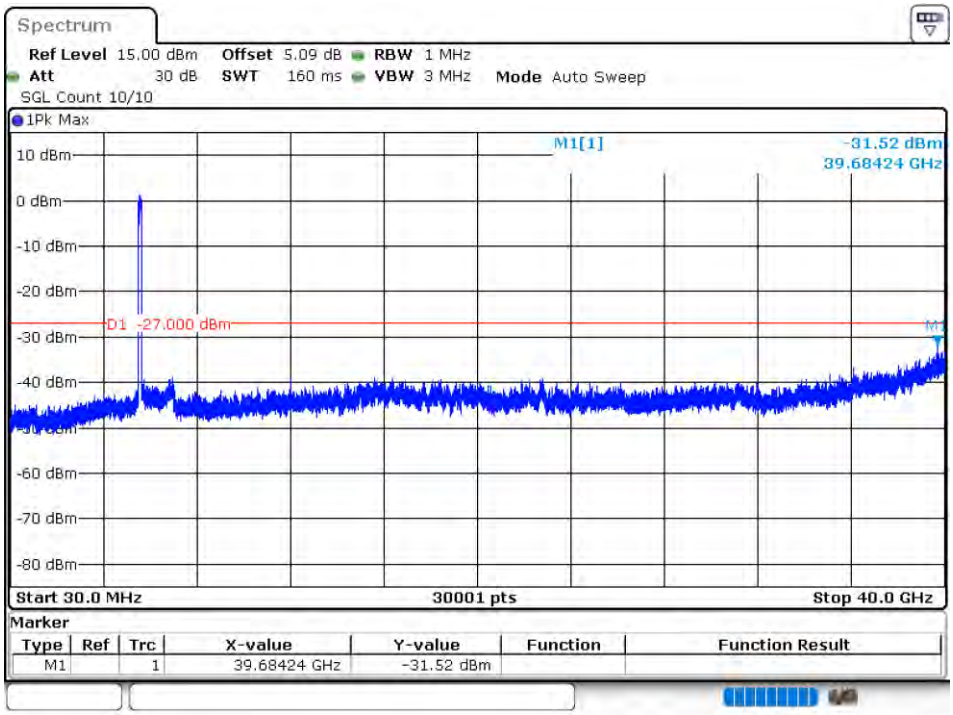
Tx. Spurious NVNT ac80 5610MHz Ant2 Emission



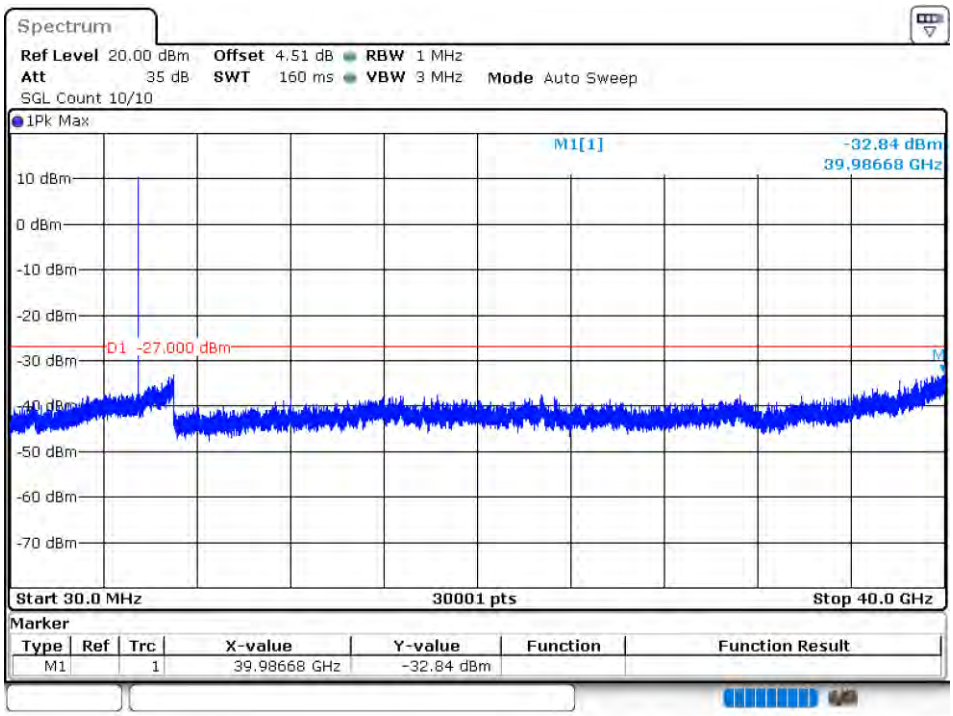
Tx. Spurious NVNT ax160 5570MHz Ant1 Emission



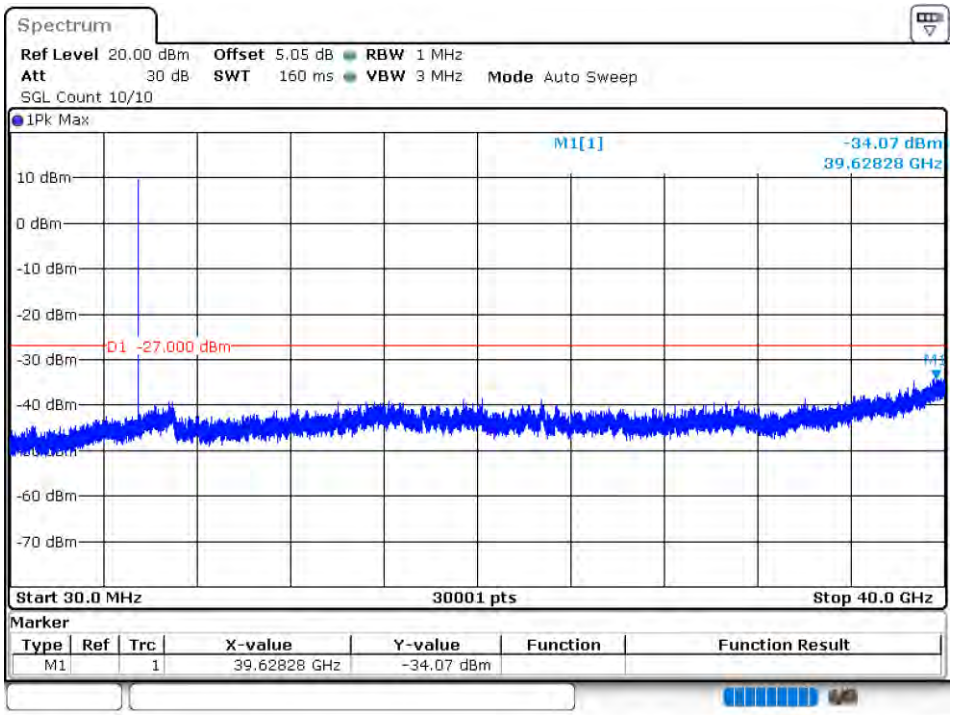
Tx. Spurious NVNT ax160 5570MHz Ant2 Emission



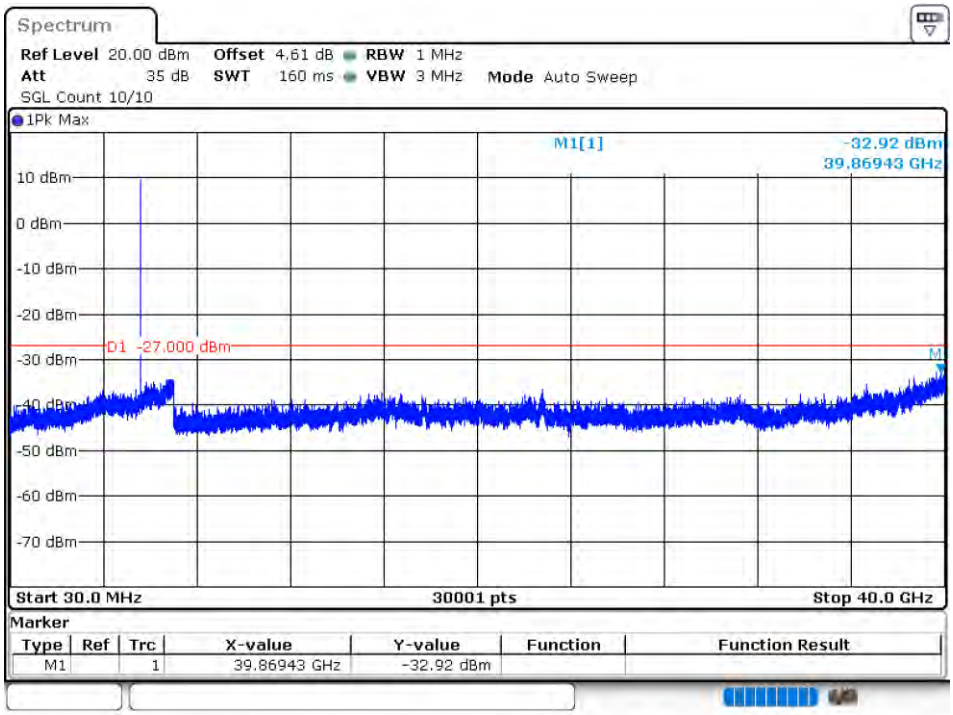
Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



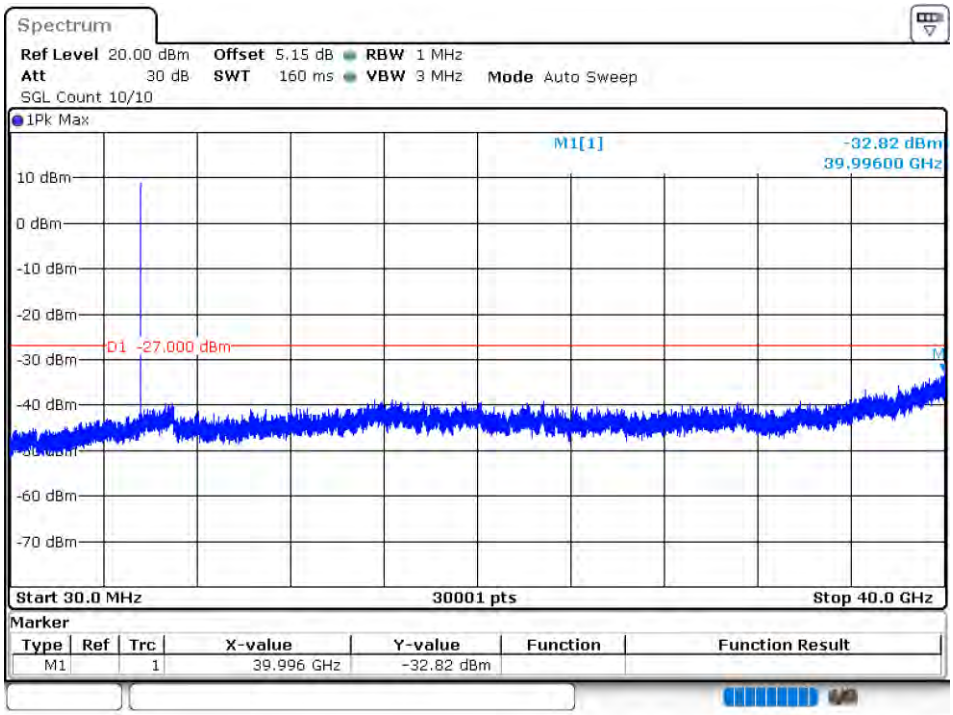
Tx. Spurious NVNT ax20 5500MHz Ant2 Emission



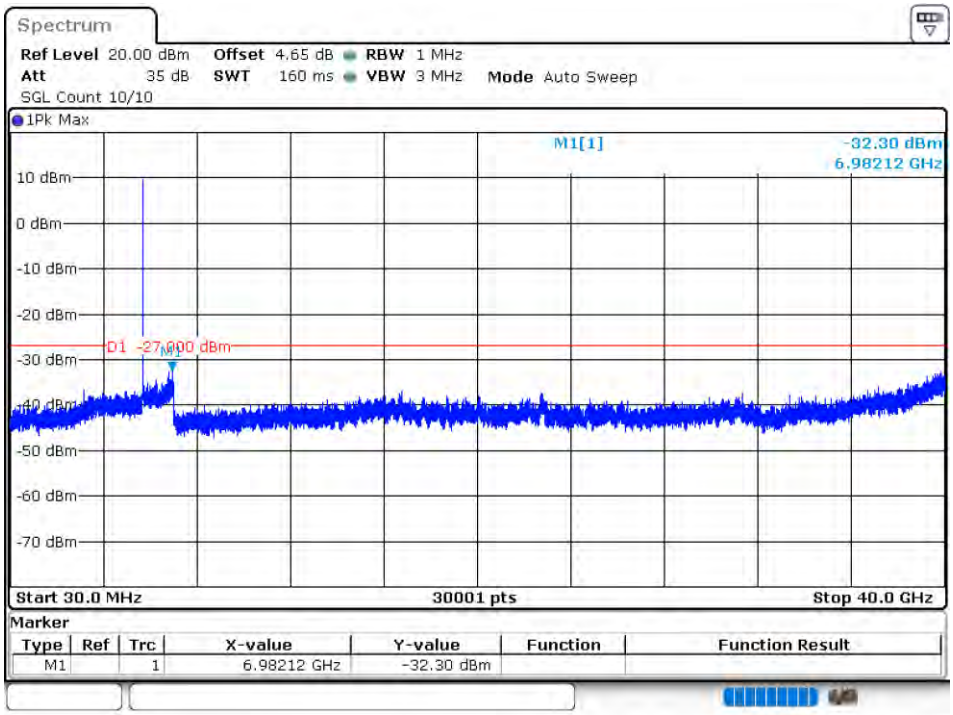
Tx. Spurious NVNT ax20 5600MHz Ant1 Emission



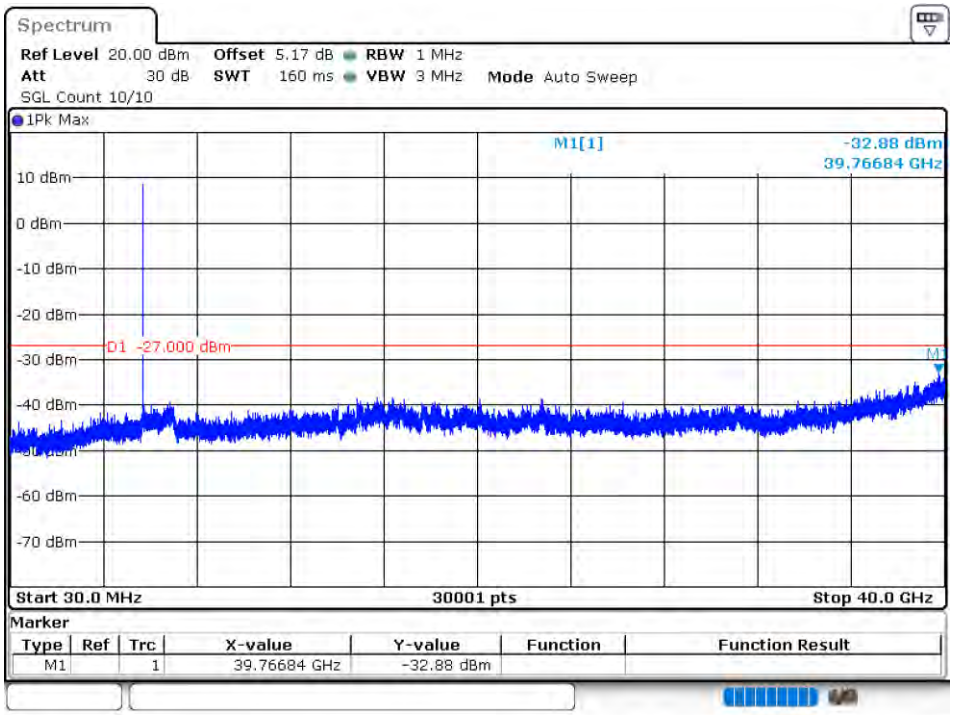
Tx. Spurious NVNT ax20 5600MHz Ant2 Emission



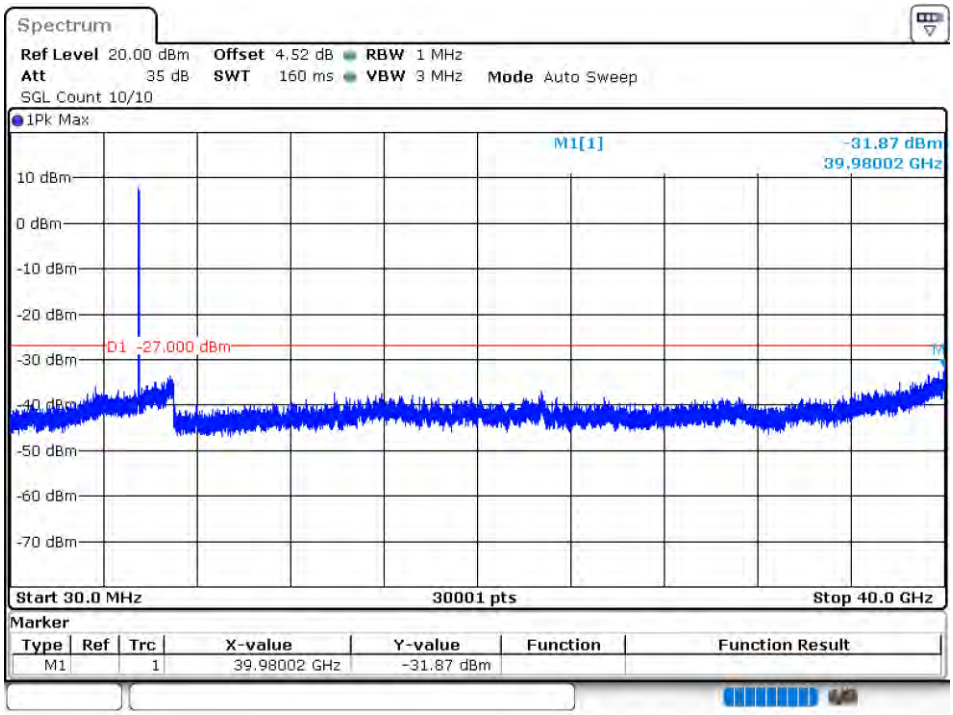
Tx. Spurious NVNT ax20 5700MHz Ant1 Emission



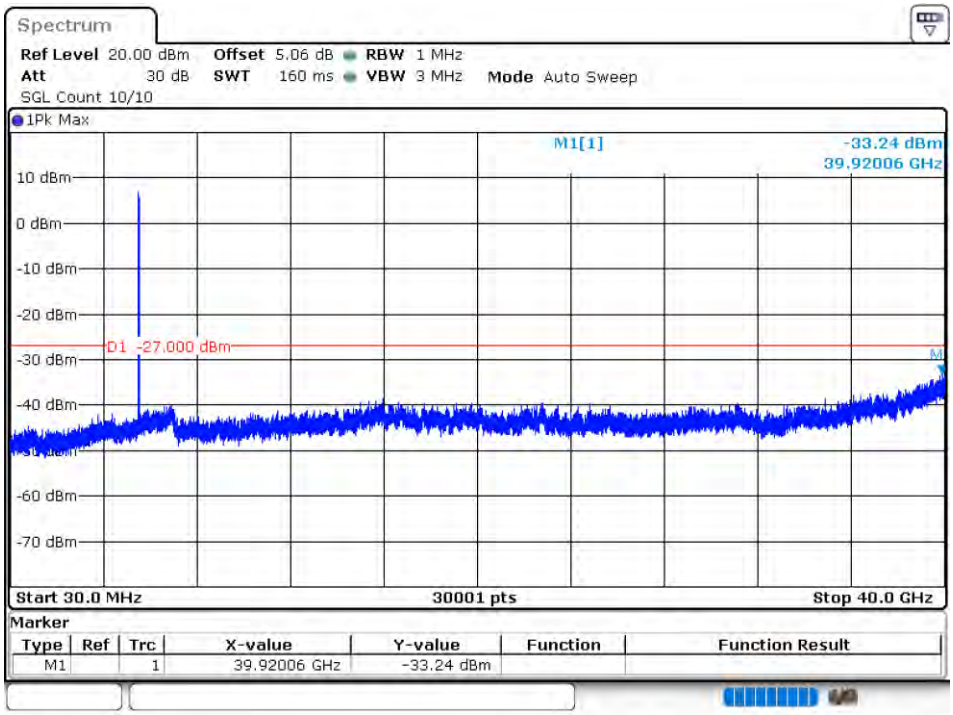
Tx. Spurious NVNT ax20 5700MHz Ant2 Emission



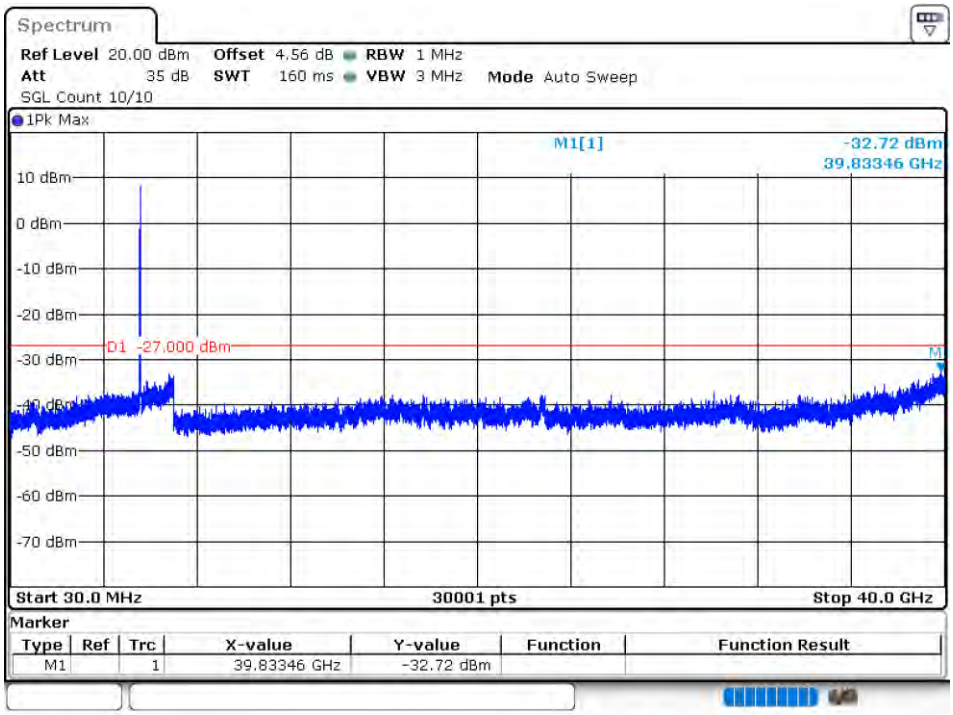
Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



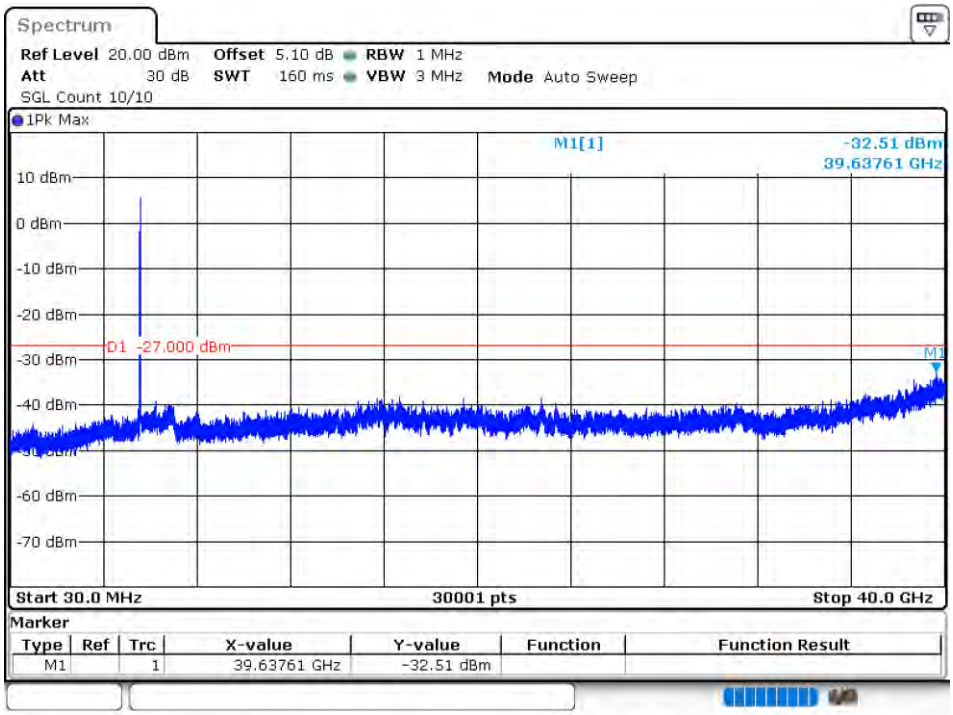
Tx. Spurious NVNT ax40 5510MHz Ant2 Emission



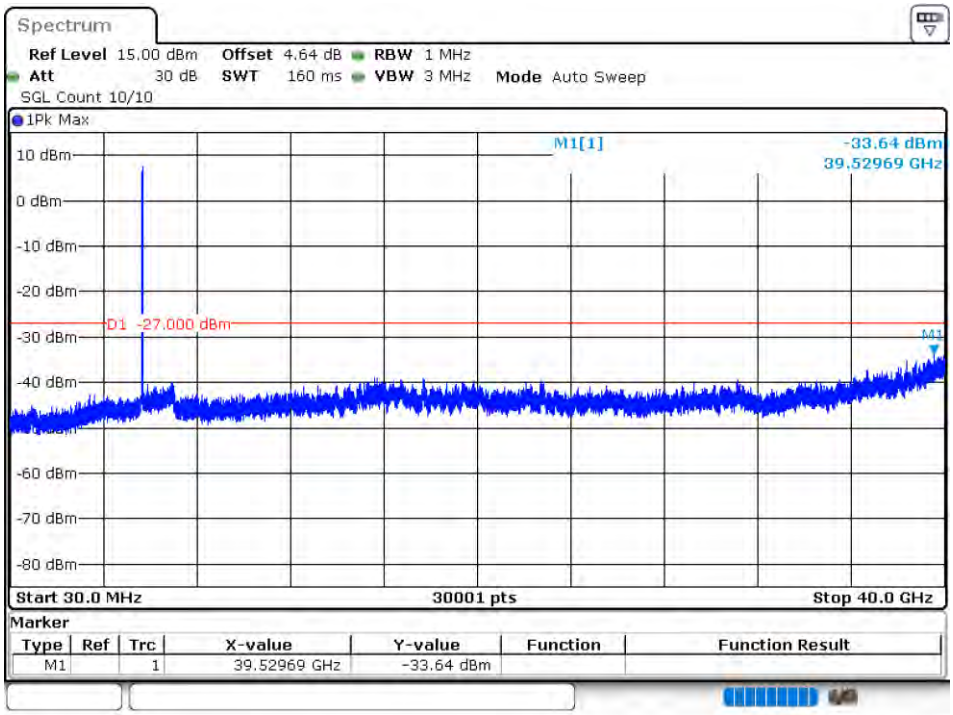
Tx. Spurious NVNT ax40 5590MHz Ant1 Emission



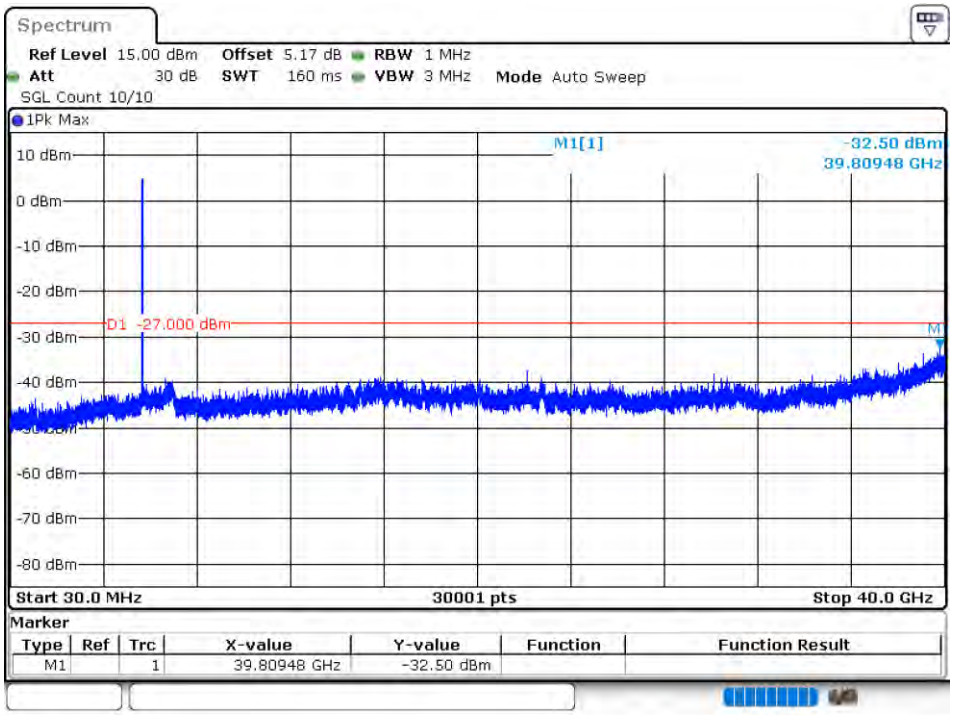
Tx. Spurious NVNT ax40 5590MHz Ant2 Emission



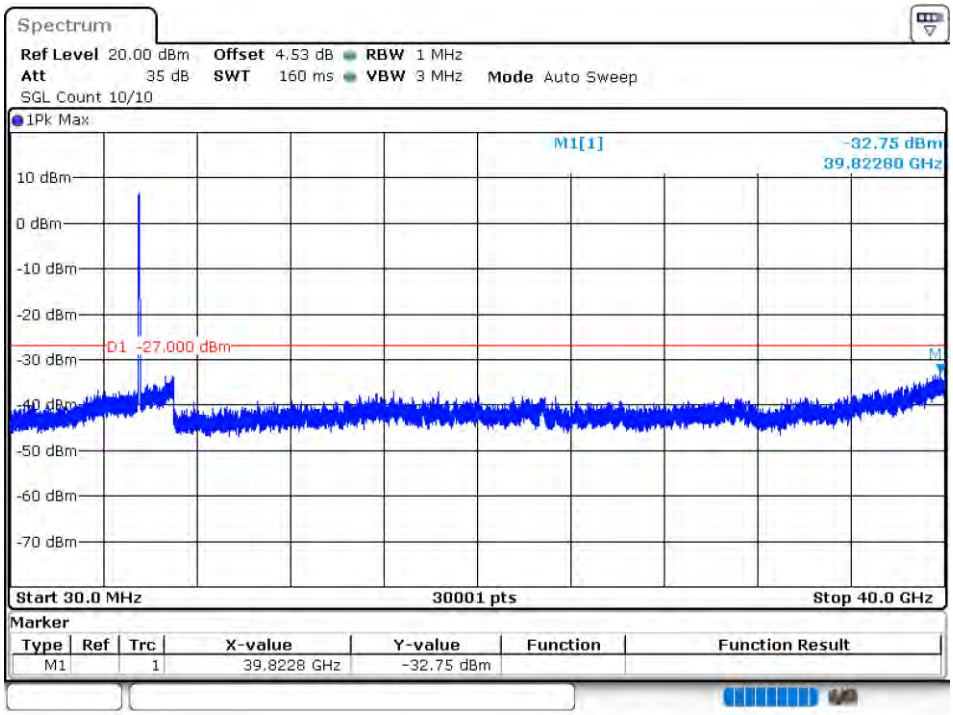
Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



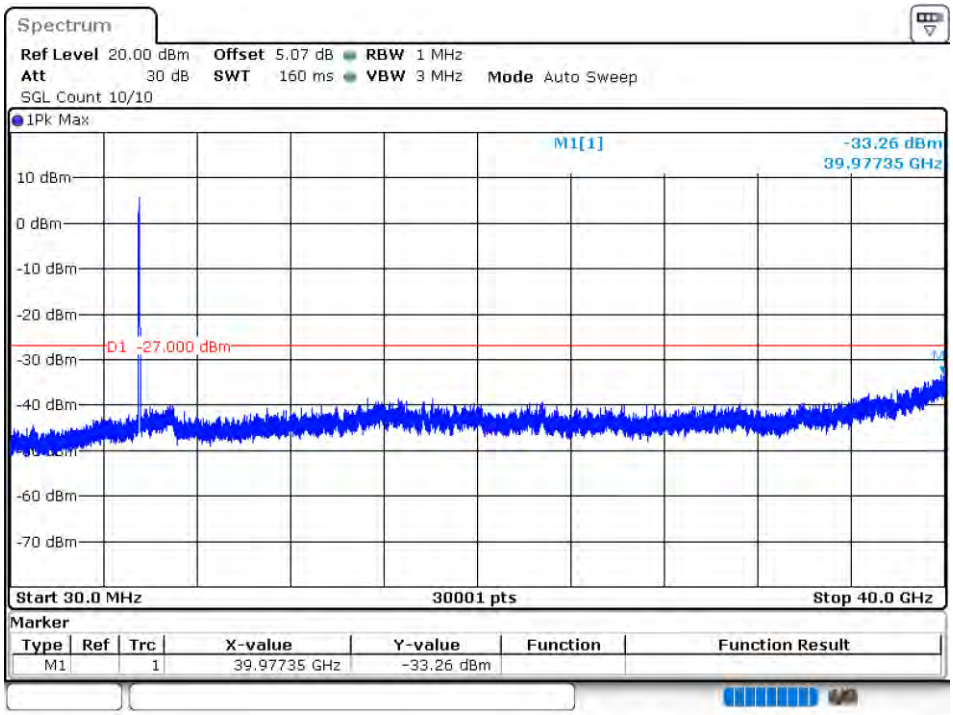
Tx. Spurious NVNT ax40 5670MHz Ant2 Emission



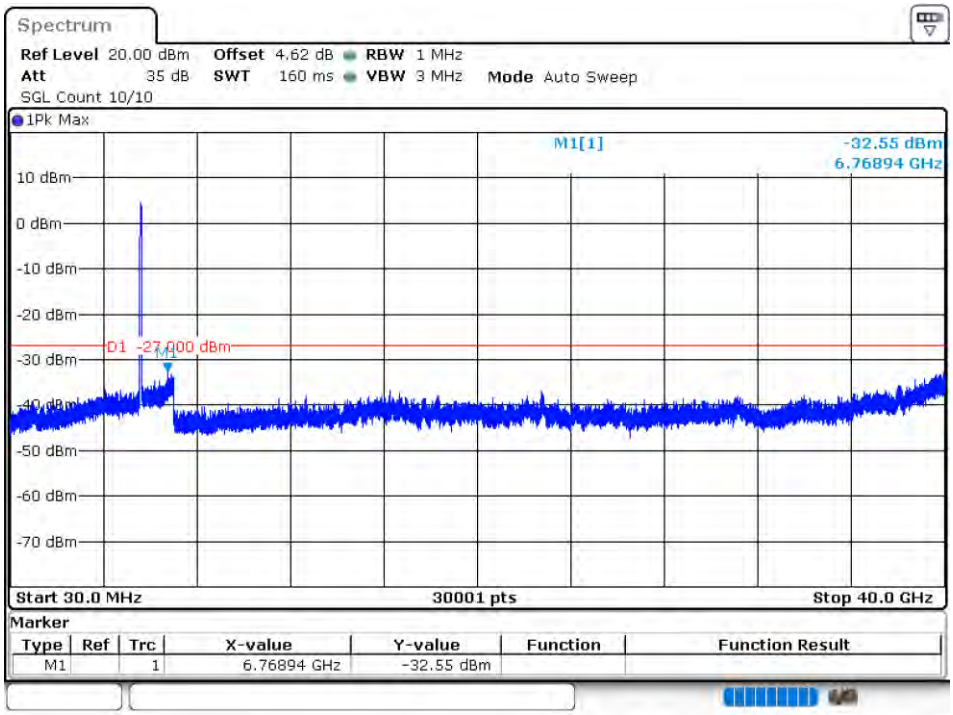
Tx. Spurious NVNT ax80 5530MHz Ant1 Emission



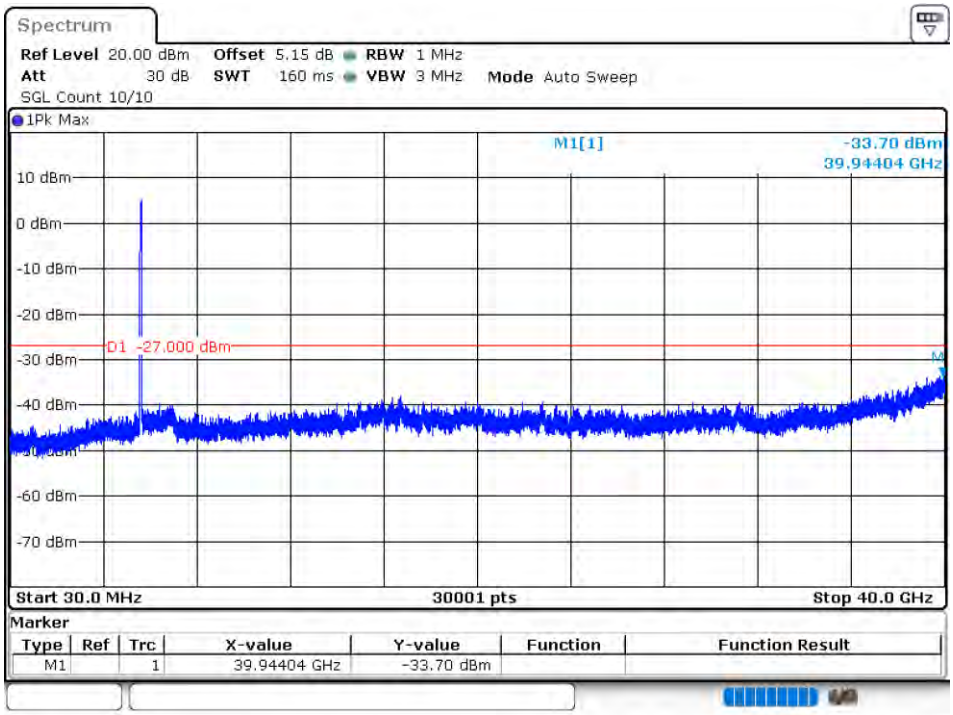
Tx. Spurious NVNT ax80 5530MHz Ant2 Emission



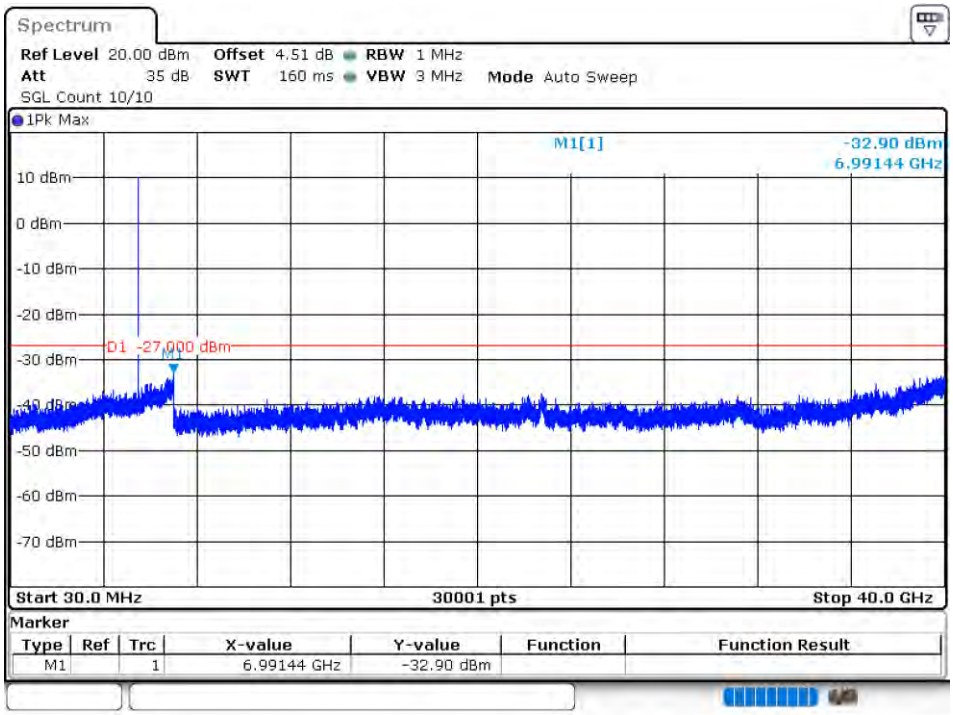
Tx. Spurious NVNT ax80 5610MHz Ant1 Emission



Tx. Spurious NVNT ax80 5610MHz Ant2 Emission



Tx. Spurious NVNT n20 5500MHz Ant1 Emission



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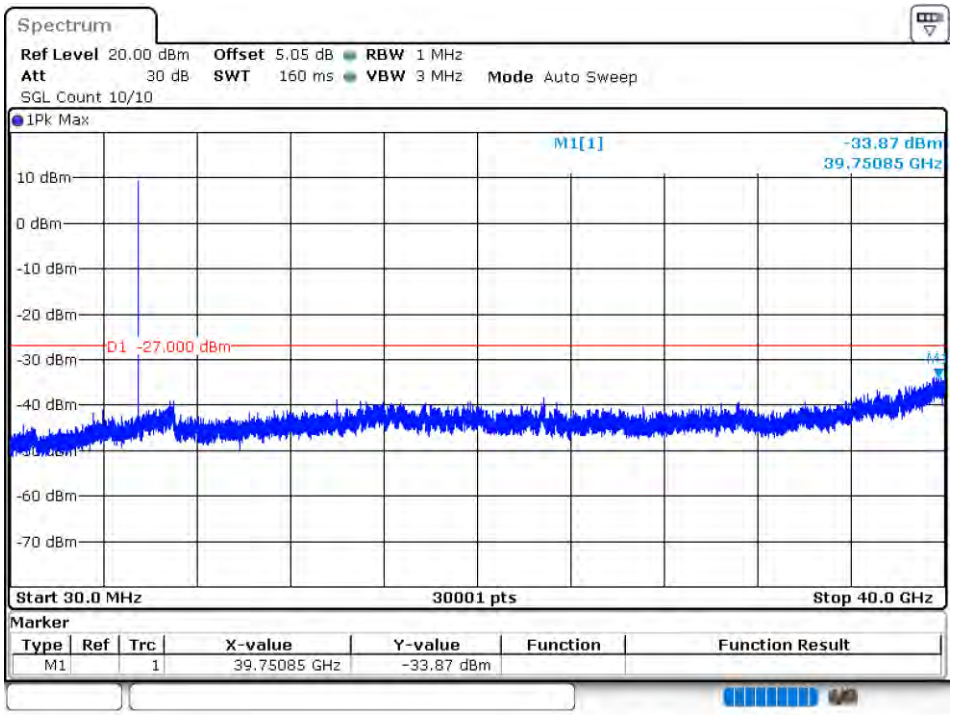

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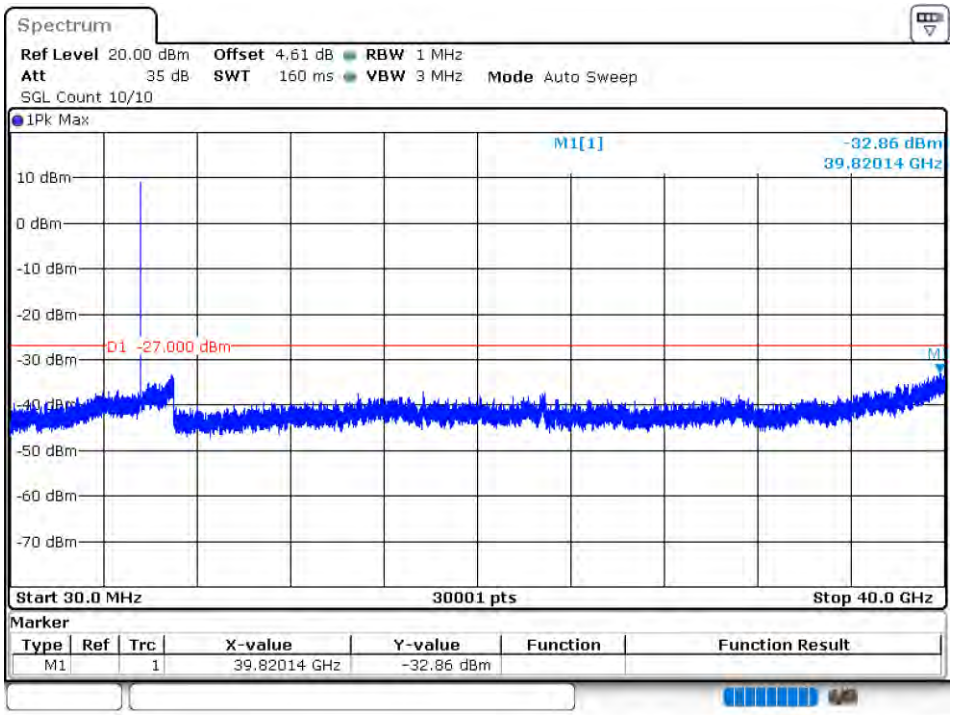

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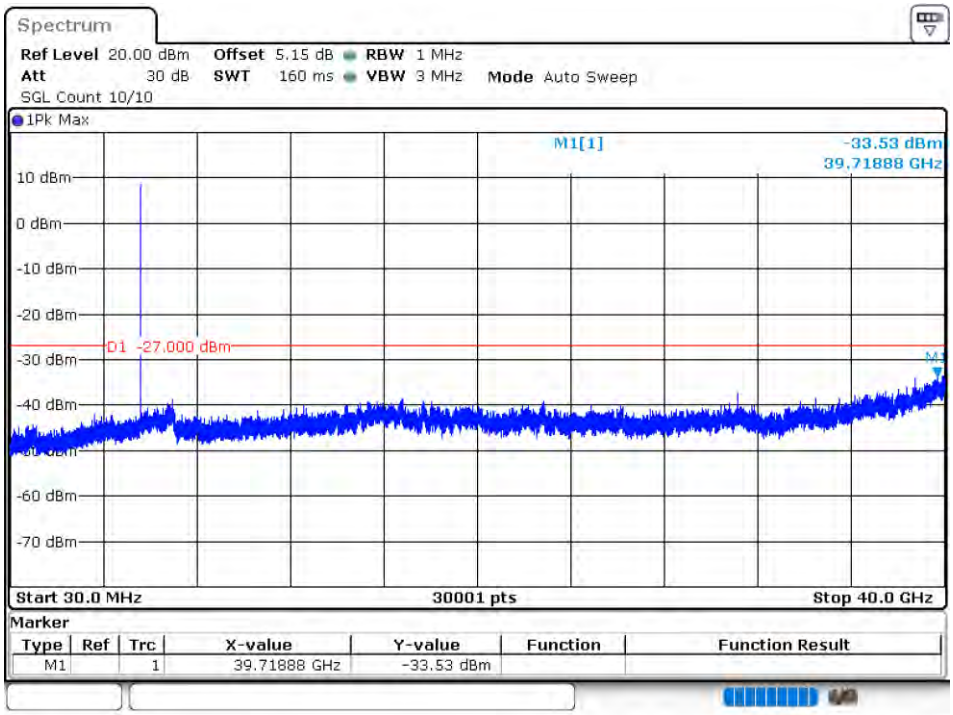

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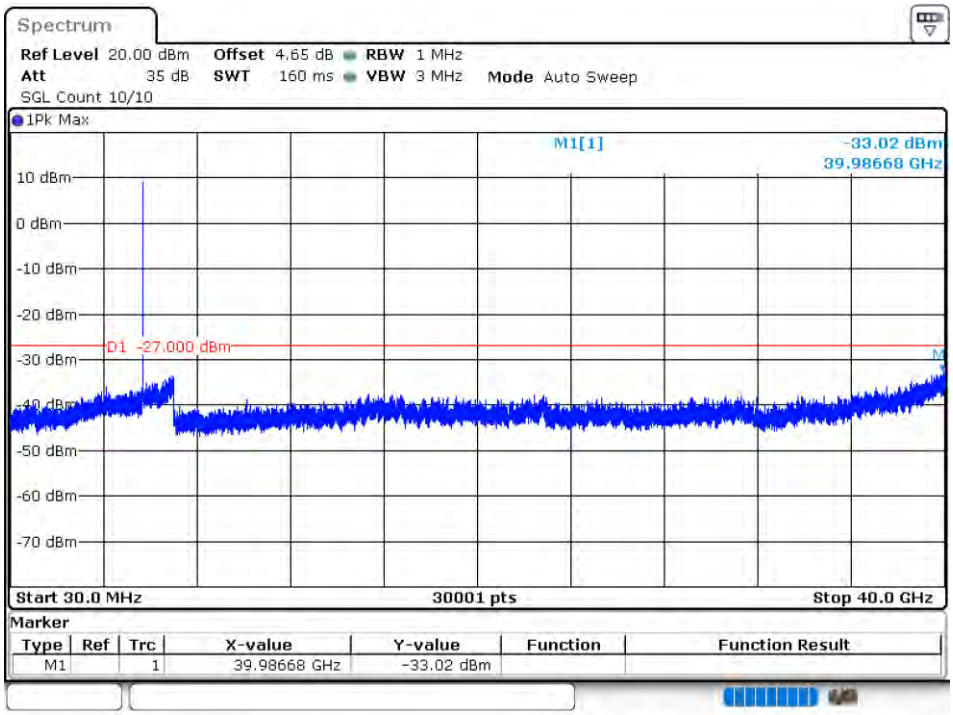

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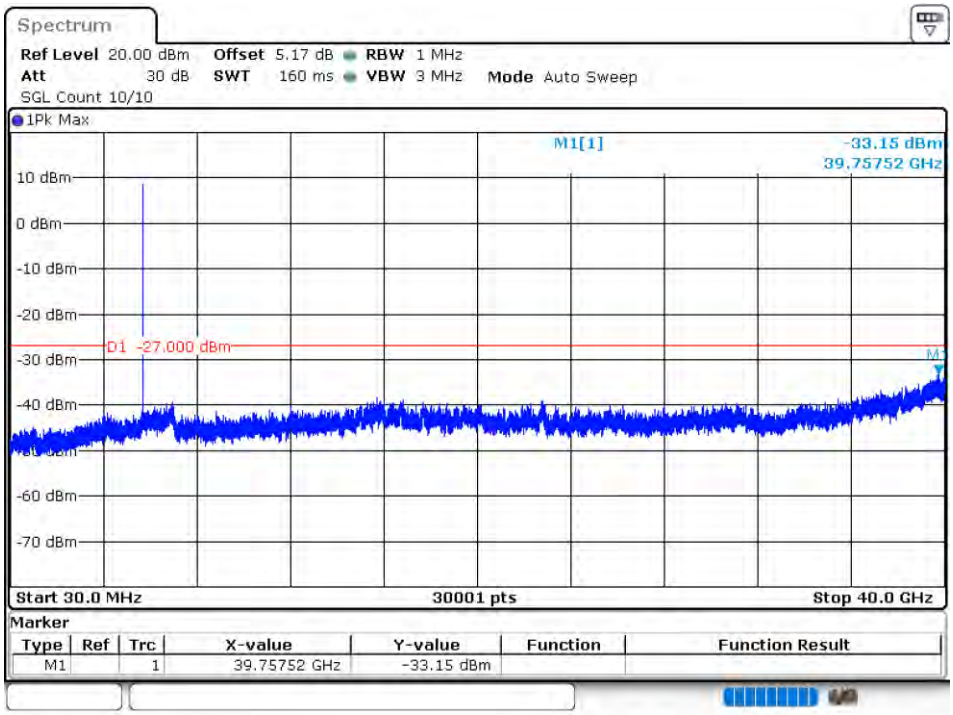
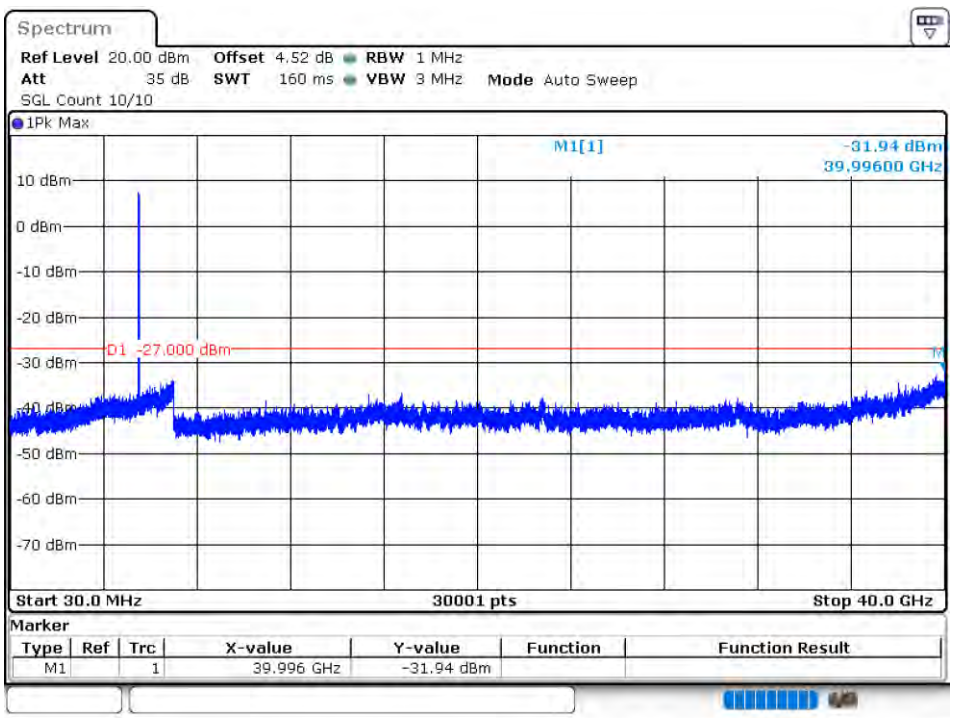


Tx. Spurious NVNT n40 5510MHz Ant1 Emission



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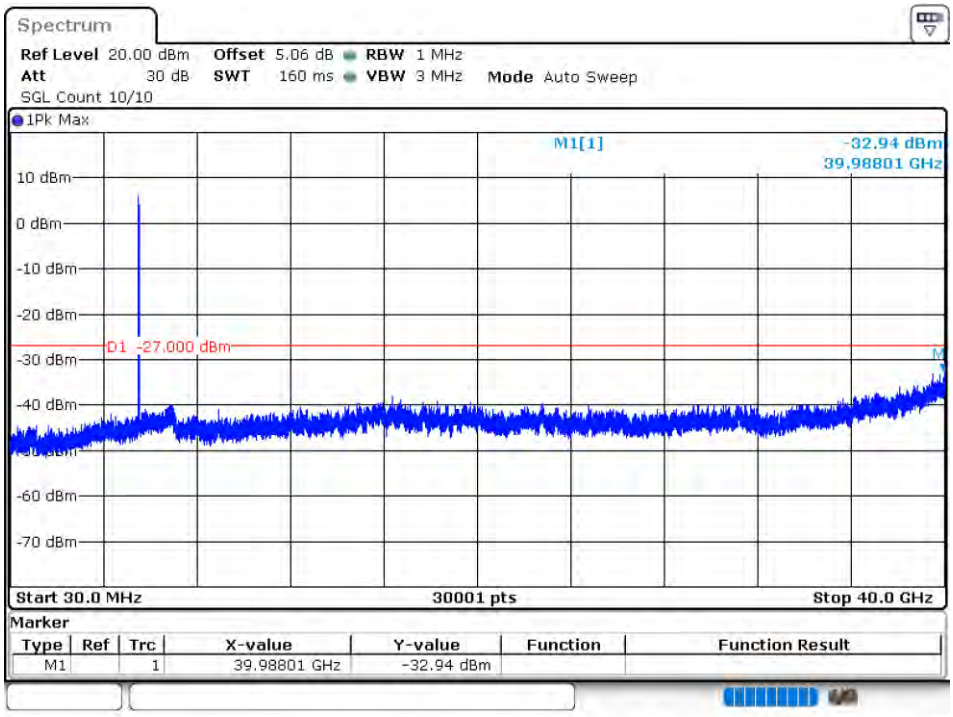

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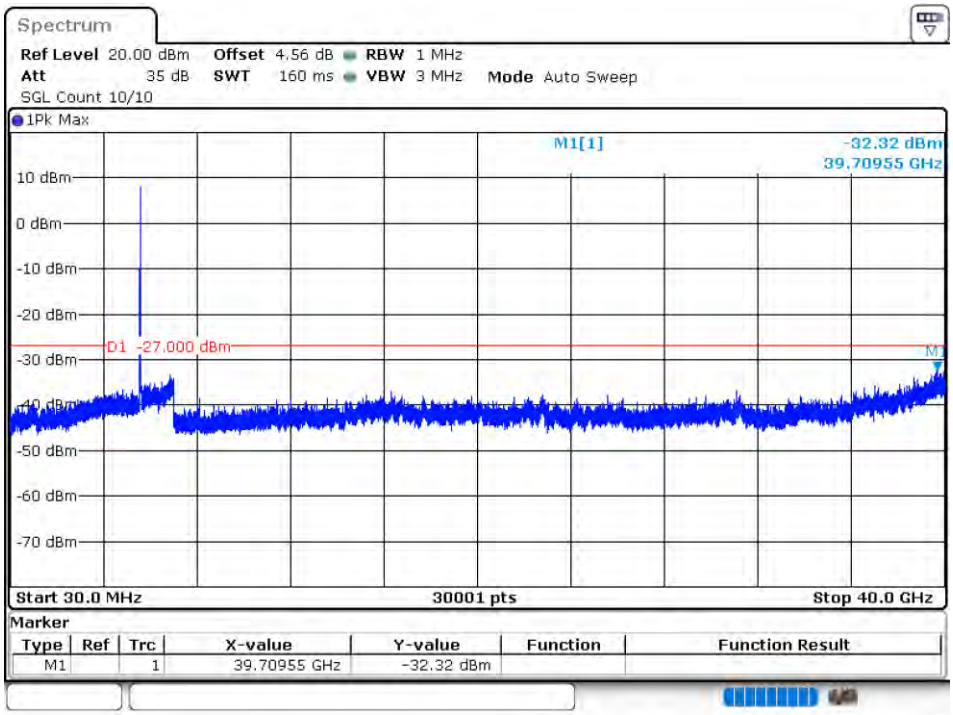
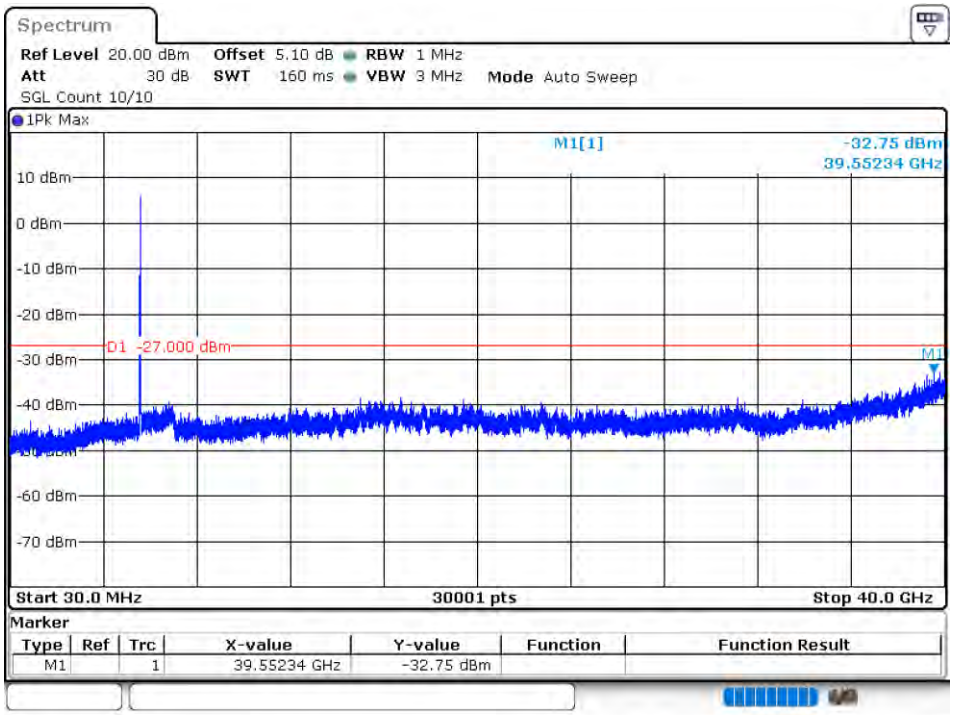
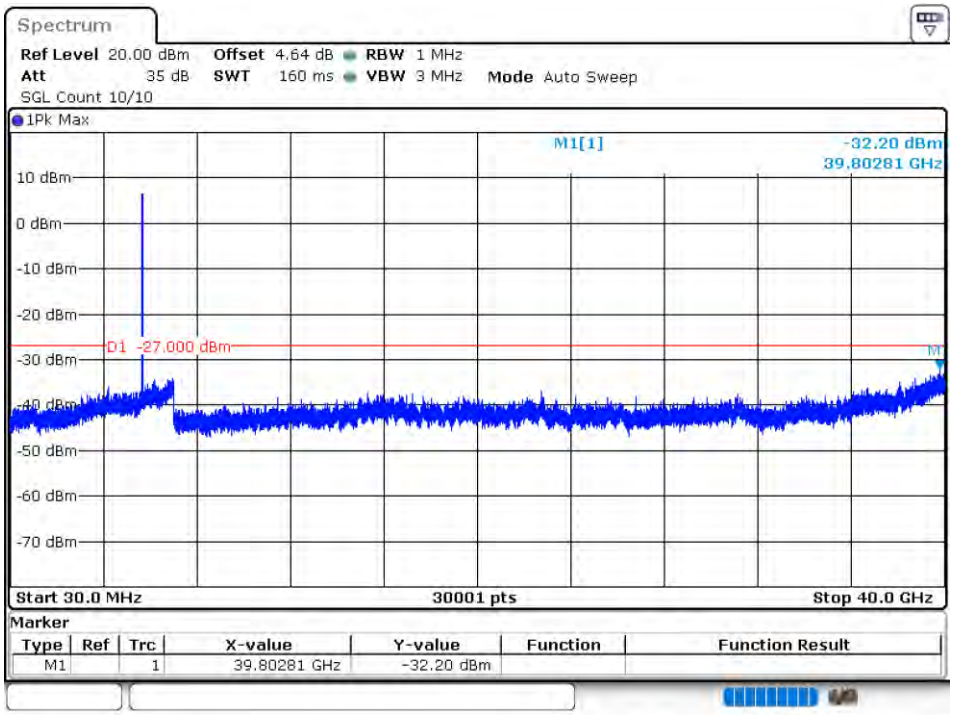


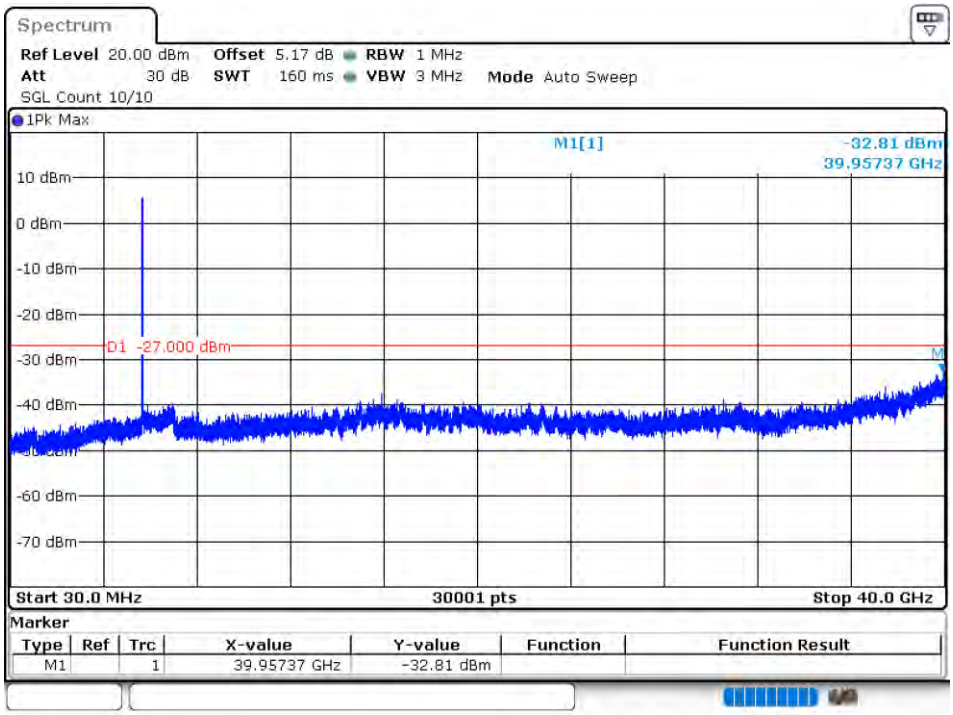
Tx. Spurious NVNT n40 5590MHz Ant2 Emission



Tx. Spurious NVNT n40 5670MHz Ant1 Emission



Tx. Spurious NVNT n40 5670MHz Ant2 Emission



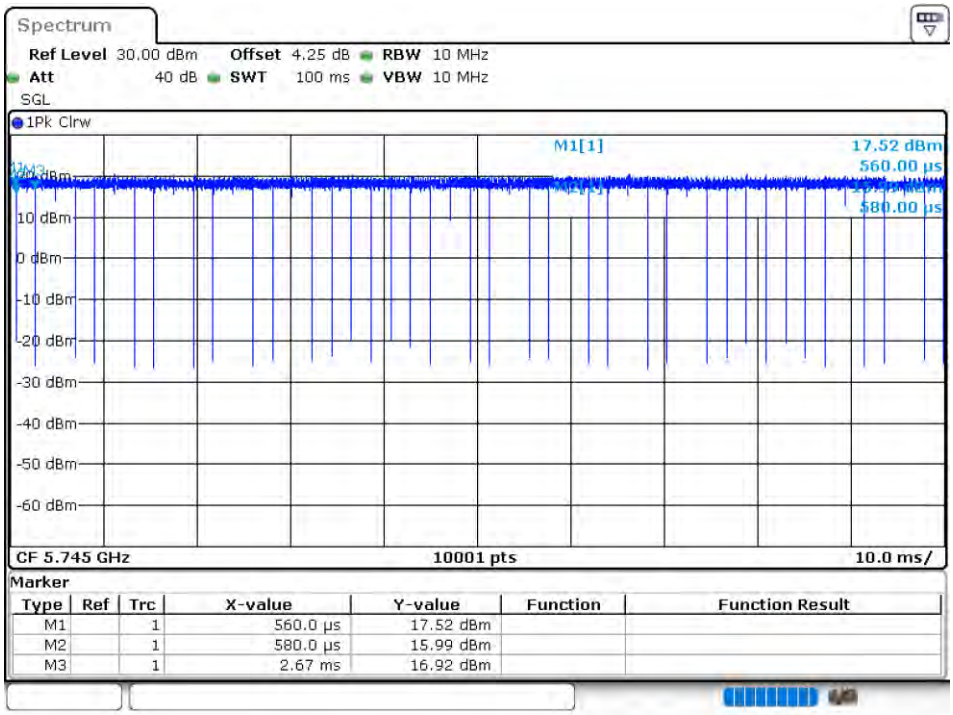
5.8G WIFI

Duty Cycle

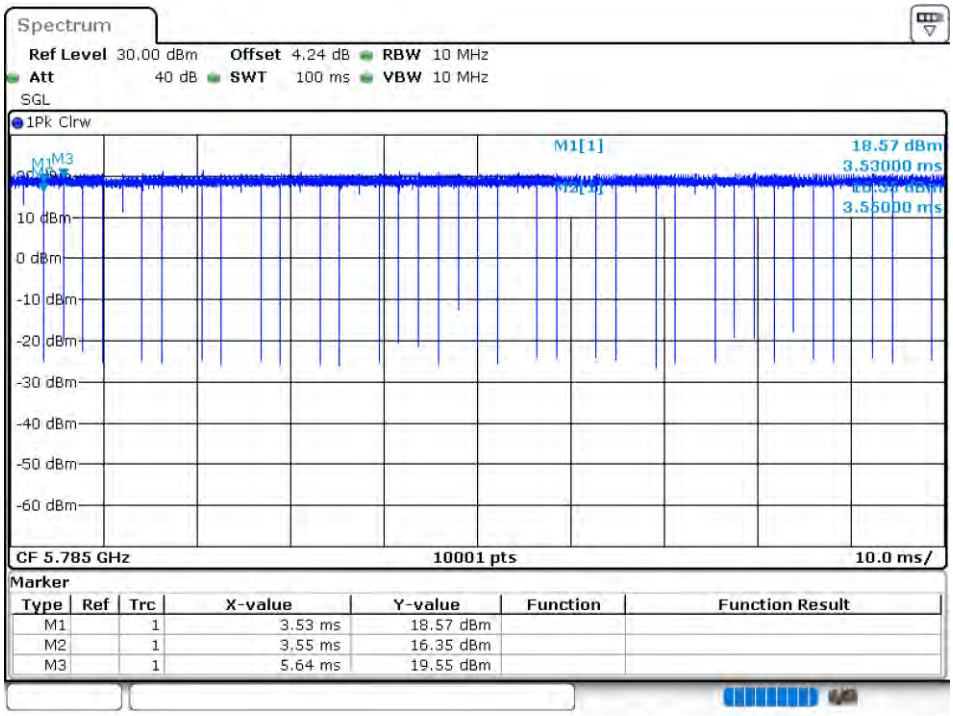
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	99.64	0.02	0.48
NVNT	a	5785	Ant1	99.65	0.02	0.48
NVNT	a	5825	Ant1	99.65	0.02	0.48
NVNT	a	5745	Ant2	99.66	0.01	0.48
NVNT	a	5785	Ant2	99.65	0.02	0.48
NVNT	a	5825	Ant2	99.64	0.02	0.48
NVNT	n20	5745	Ant1	99.86	0.01	0.19
NVNT	n20	5785	Ant1	99.85	0.01	0.19
NVNT	n20	5825	Ant1	99.86	0.01	0.19
NVNT	n20	5745	Ant2	99.87	0.01	0.09
NVNT	n20	5785	Ant2	99.86	0.01	0.19
NVNT	n20	5825	Ant2	99.87	0.01	0.09
NVNT	n40	5755	Ant1	99.86	0.01	0.18
NVNT	n40	5795	Ant1	99.87	0.01	0.1
NVNT	n40	5755	Ant2	99.89	0	0.18
NVNT	n40	5795	Ant2	99.88	0.01	0.05
NVNT	ac20	5745	Ant1	99.85	0.01	0.19
NVNT	ac20	5785	Ant1	99.84	0.01	0.22
NVNT	ac20	5825	Ant1	99.87	0.01	0.19
NVNT	ac20	5745	Ant2	99.85	0.01	0.19
NVNT	ac20	5785	Ant2	99.87	0.01	0.19
NVNT	ac20	5825	Ant2	99.86	0.01	0.03
NVNT	ac40	5755	Ant1	99.88	0.01	0.18
NVNT	ac40	5795	Ant1	99.81	0.01	0.3
NVNT	ac40	5755	Ant2	99.87	0.01	0.18
NVNT	ac40	5795	Ant2	99.87	0.01	0.06
NVNT	ac80	5775	Ant1	99.87	0.01	0.19
NVNT	ac80	5775	Ant2	99.88	0.01	0.19
NVNT	ax20	5745	Ant1	99.81	0.01	0.19
NVNT	ax20	5785	Ant1	99.88	0.01	0.19
NVNT	ax20	5825	Ant1	99.86	0.01	0.2
NVNT	ax20	5745	Ant2	99.89	0	0.09
NVNT	ax20	5785	Ant2	99.91	0	0.09
NVNT	ax20	5825	Ant2	99.87	0.01	0.09
NVNT	ax40	5755	Ant1	99.87	0.01	0.19
NVNT	ax40	5795	Ant1	99.88	0.01	0.06
NVNT	ax40	5755	Ant2	99.87	0.01	0.09
NVNT	ax40	5795	Ant2	99.87	0.01	0.1
NVNT	ax80	5775	Ant1	99.88	0.01	0.19
NVNT	ax80	5775	Ant2	99.92	0	0.19

Test Graphs

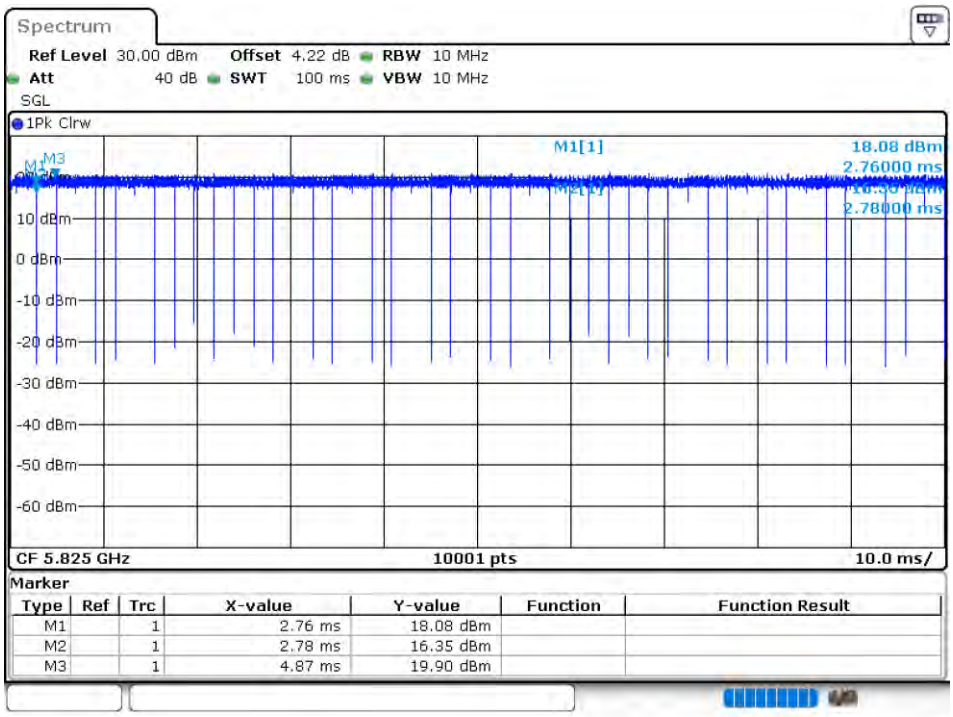
Duty Cycle NVNT a 5745MHz Ant1



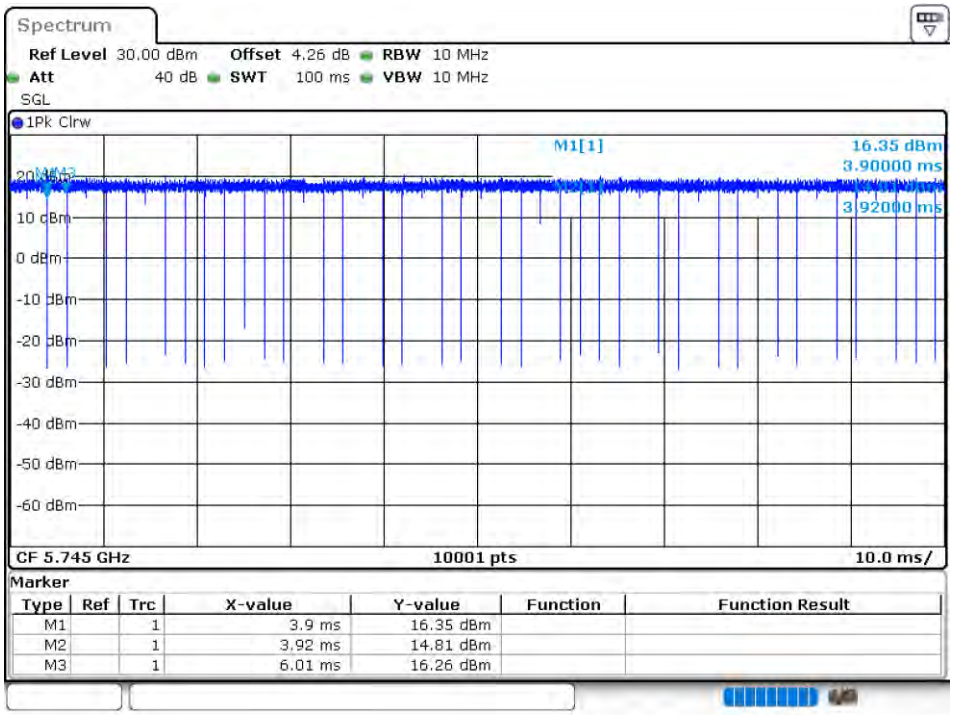
Duty Cycle NVNT a 5785MHz Ant1



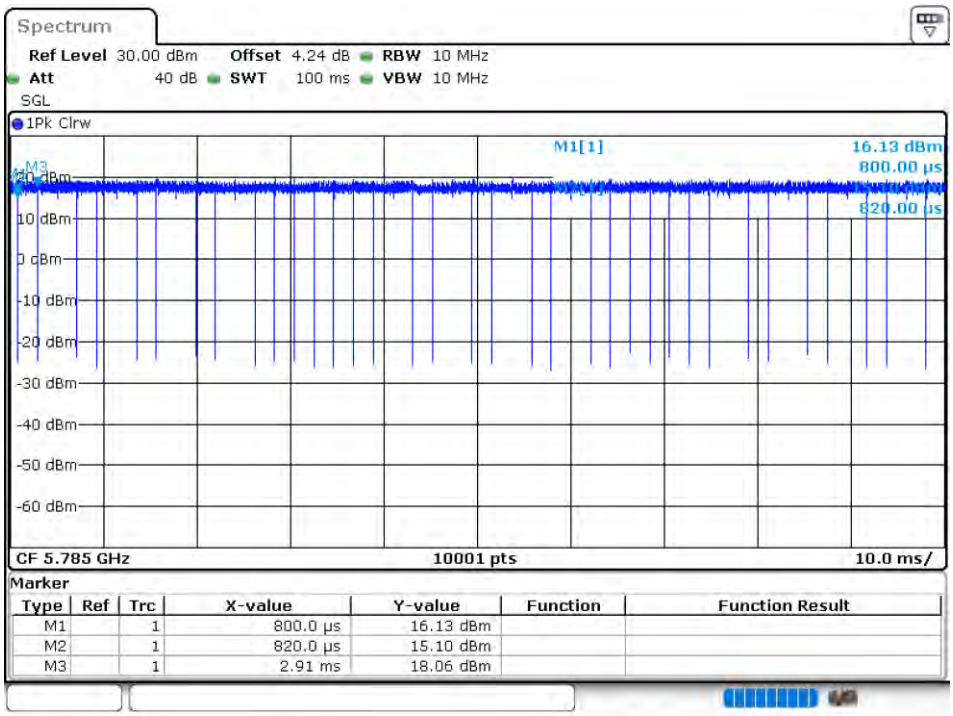
Duty Cycle NVNT a 5825MHz Ant1



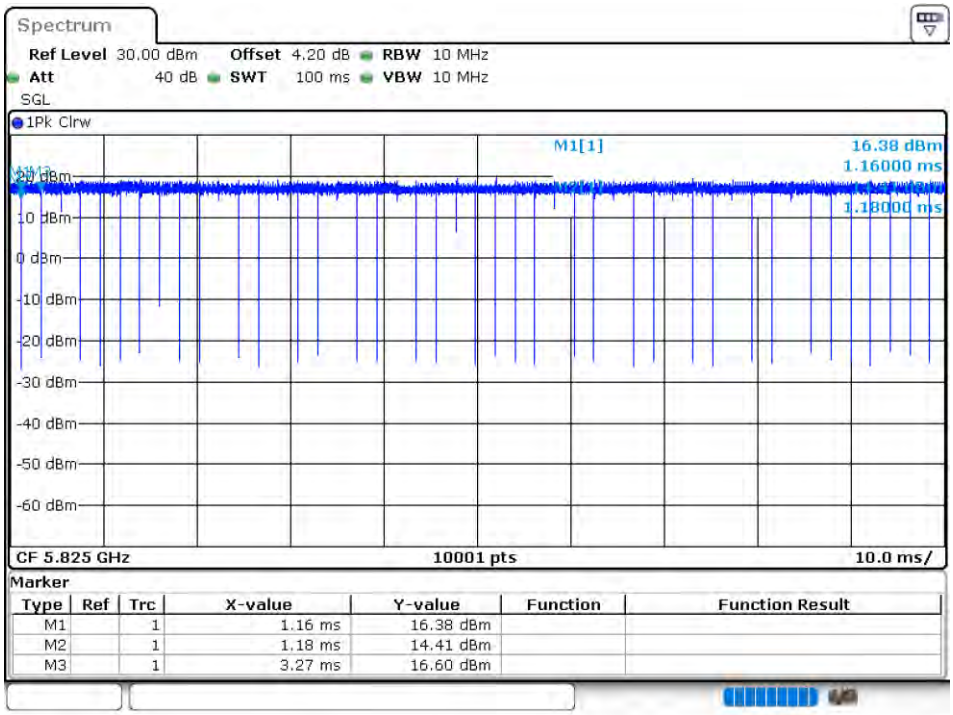
Duty Cycle NVNT a 5745MHz Ant2



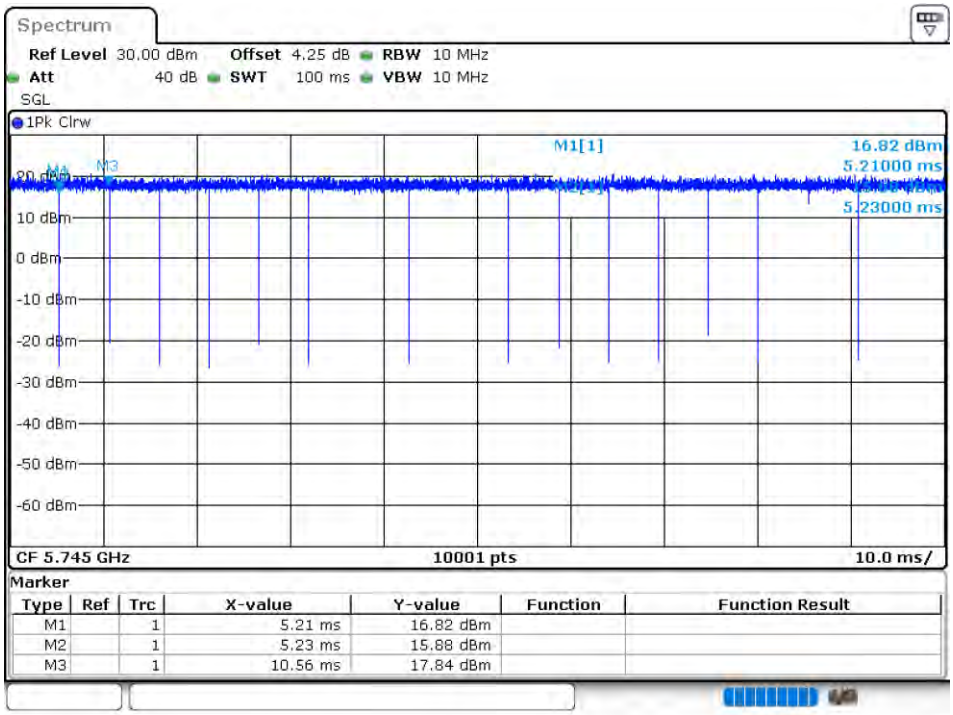
Duty Cycle NVNT a 5785MHz Ant2



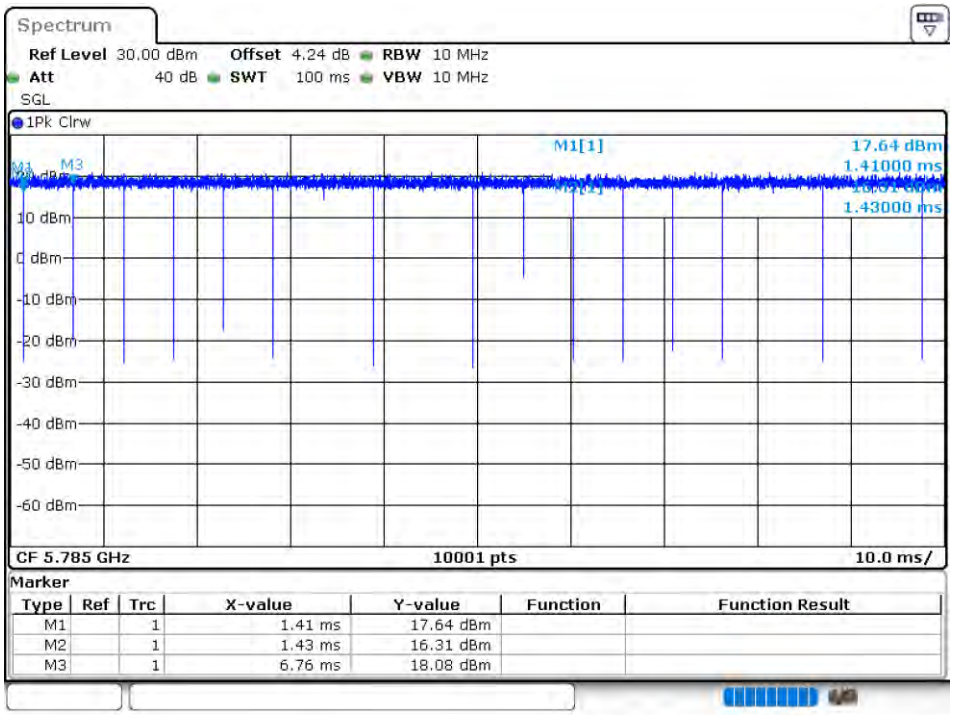
Duty Cycle NVNT a 5825MHz Ant2



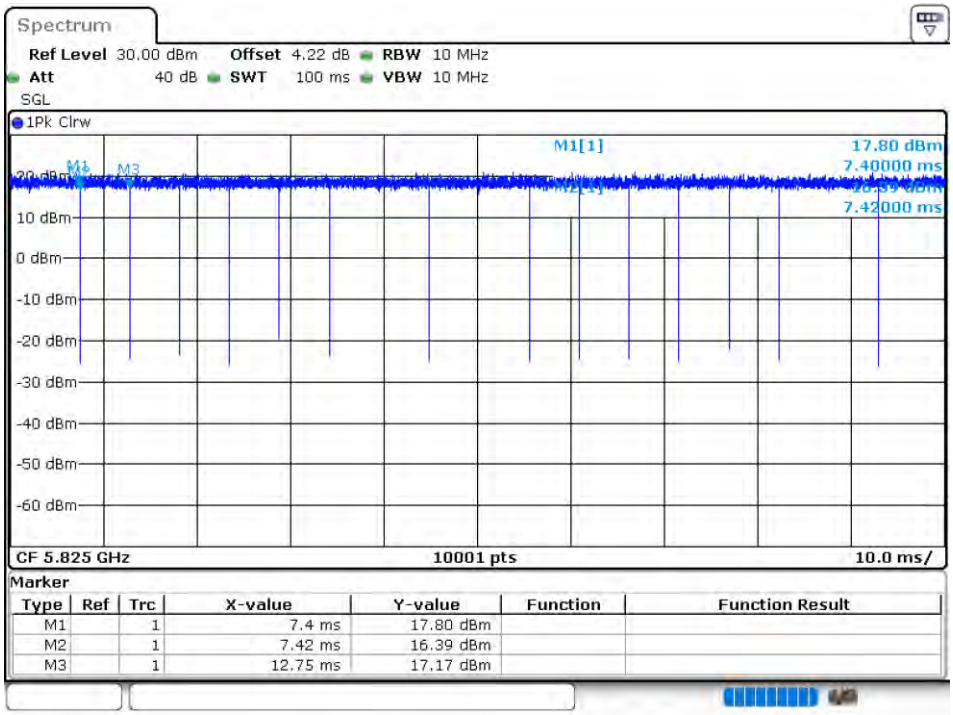
Duty Cycle NVNT n20 5745MHz Ant1



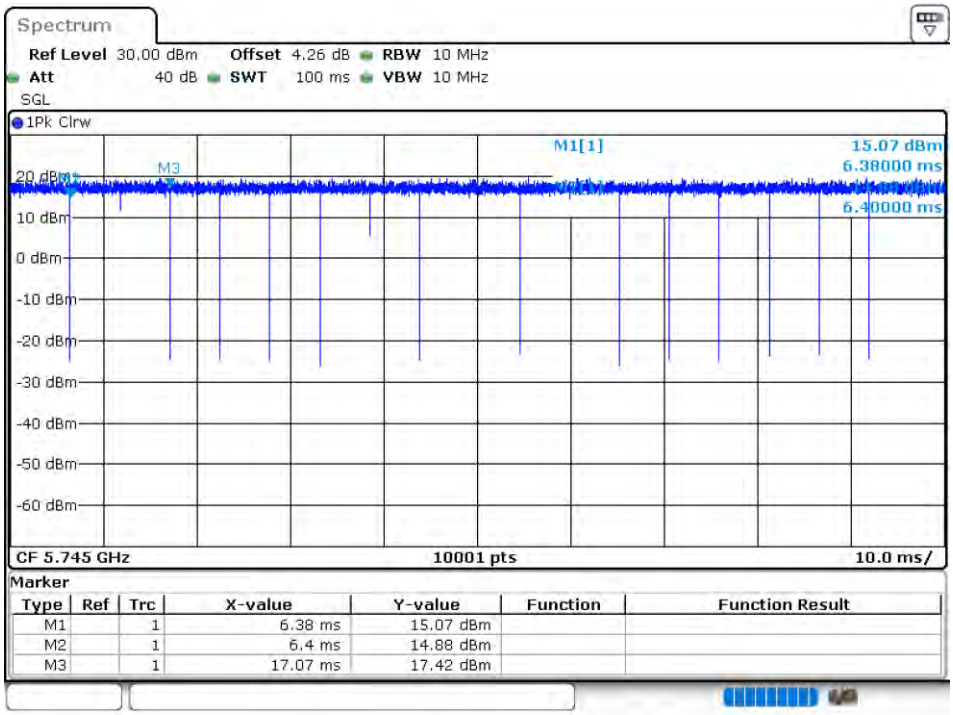
Duty Cycle NVNT n20 5785MHz Ant1



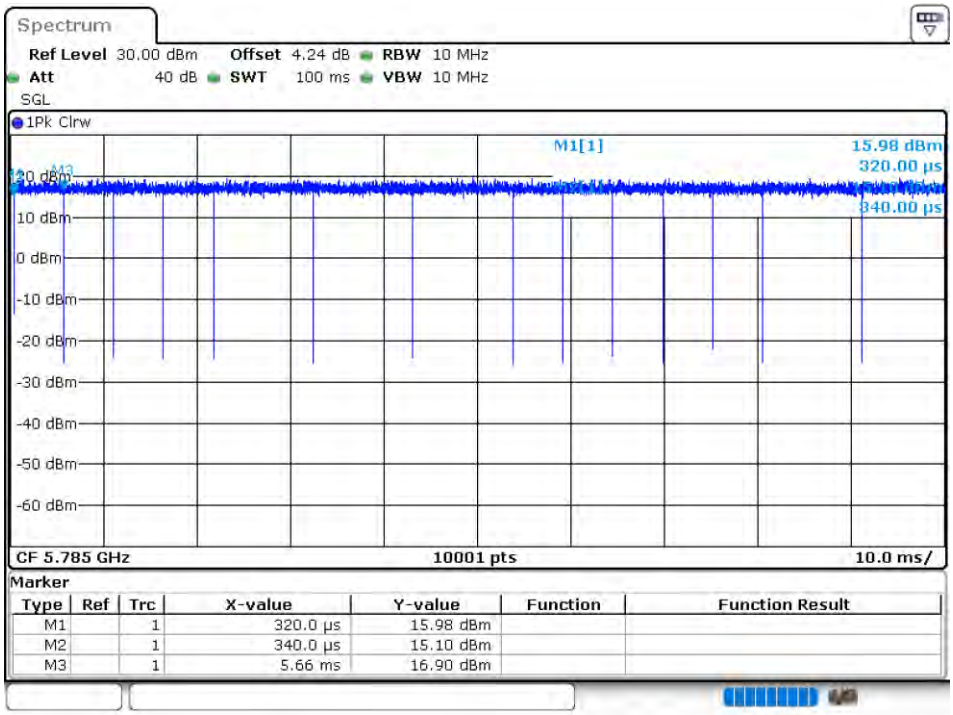
Duty Cycle NVNT n20 5825MHz Ant1



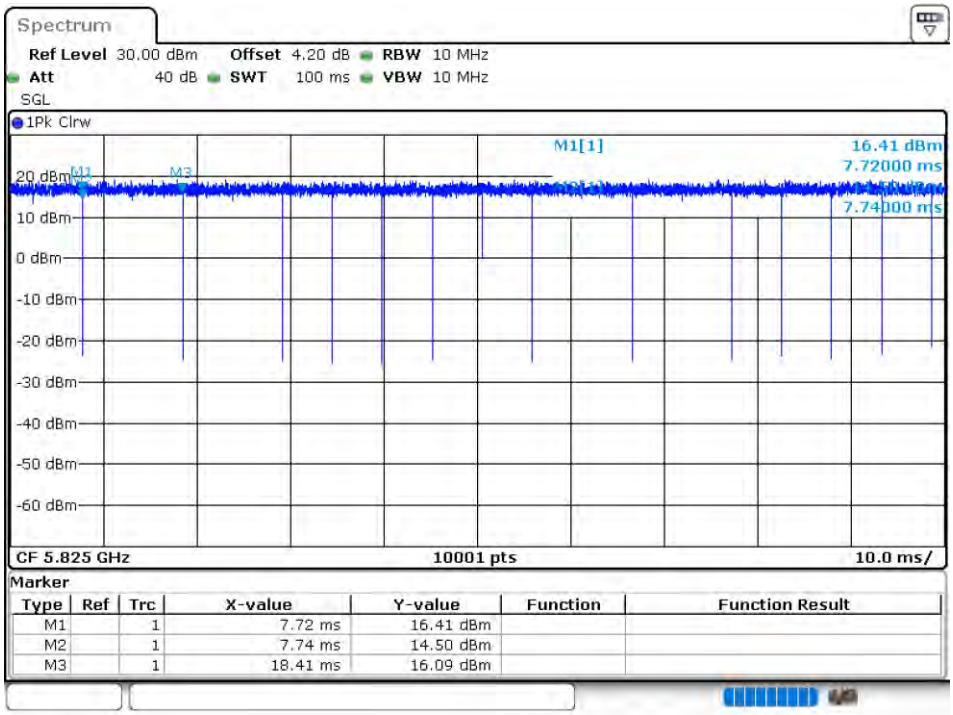
Duty Cycle NVNT n20 5745MHz Ant2



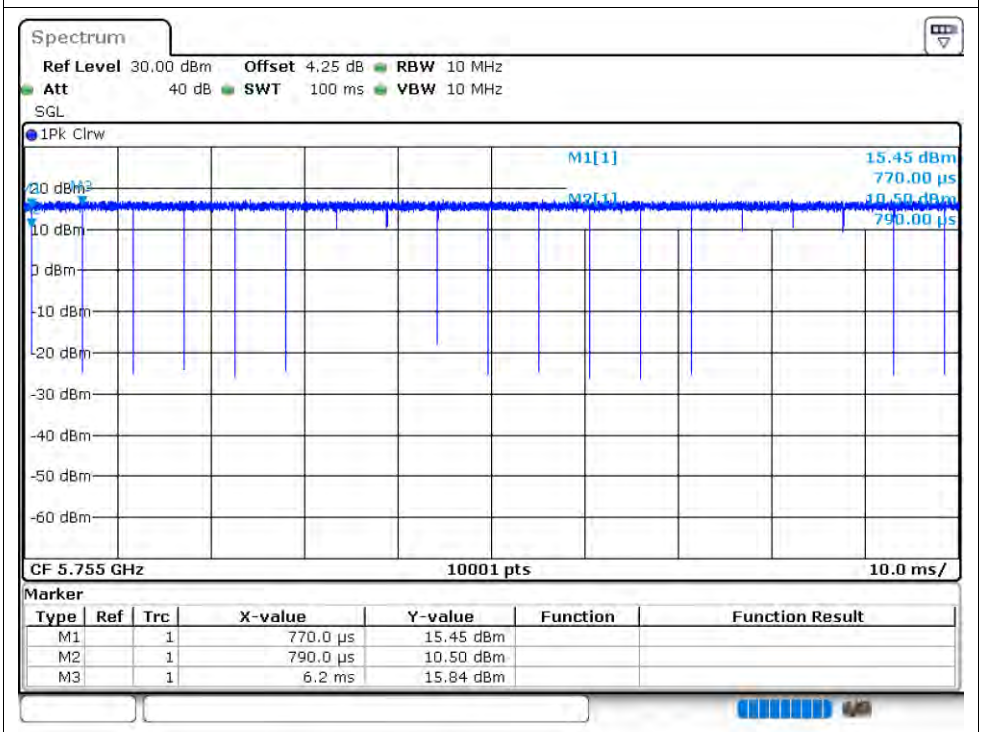
Duty Cycle NVNT n20 5785MHz Ant2



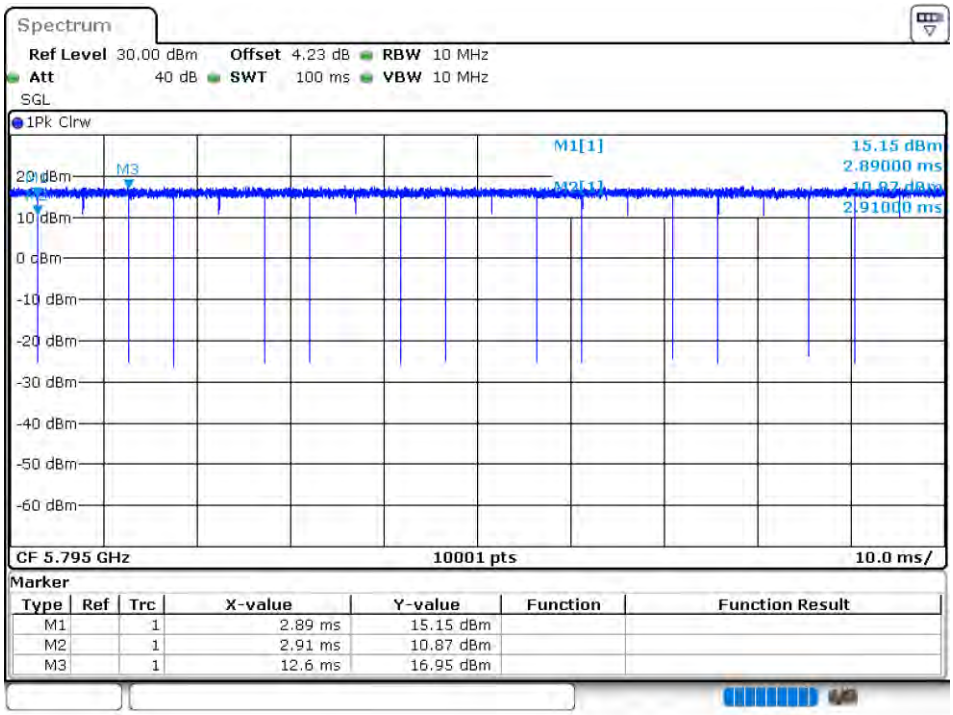
Duty Cycle NVNT n20 5825MHz Ant2



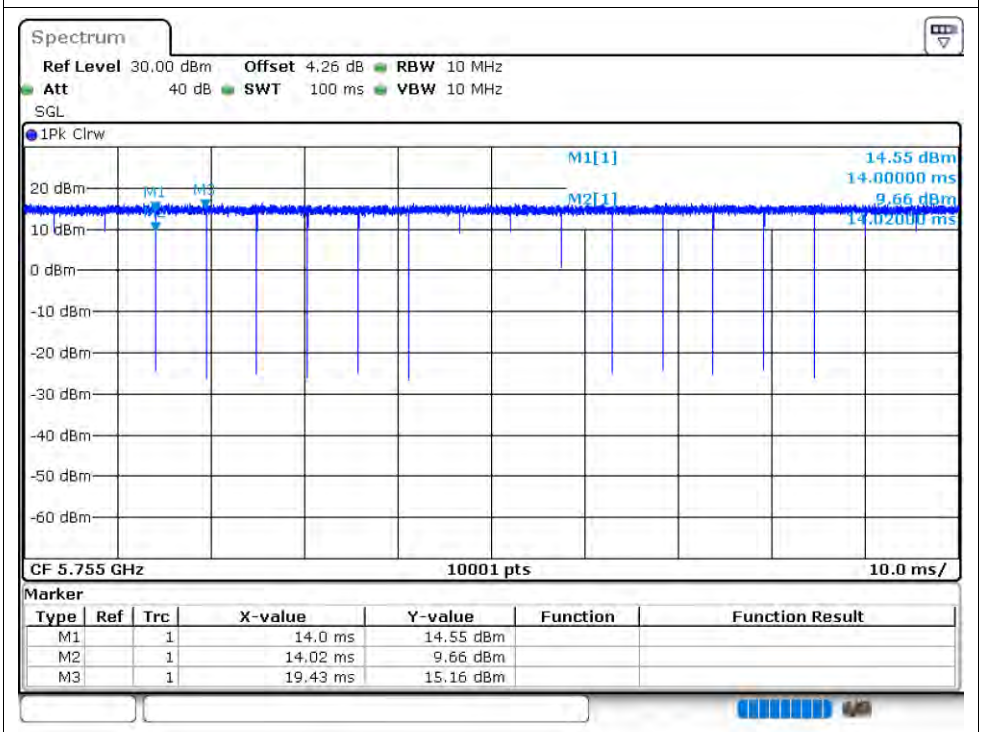
Duty Cycle NVNT n40 5755MHz Ant1



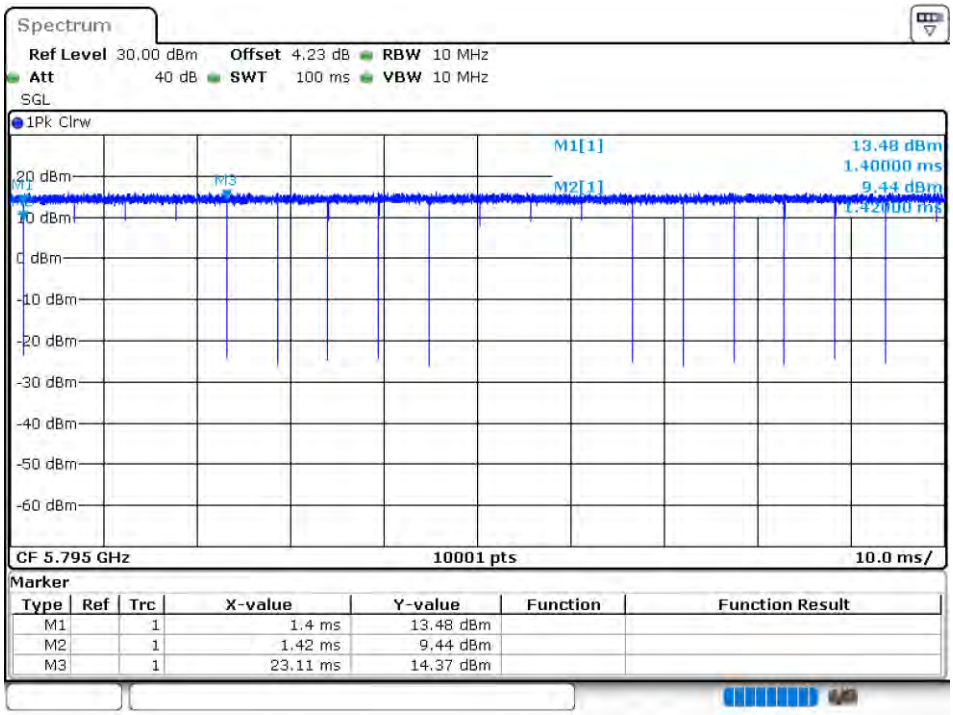
Duty Cycle NVNT n40 5795MHz Ant1



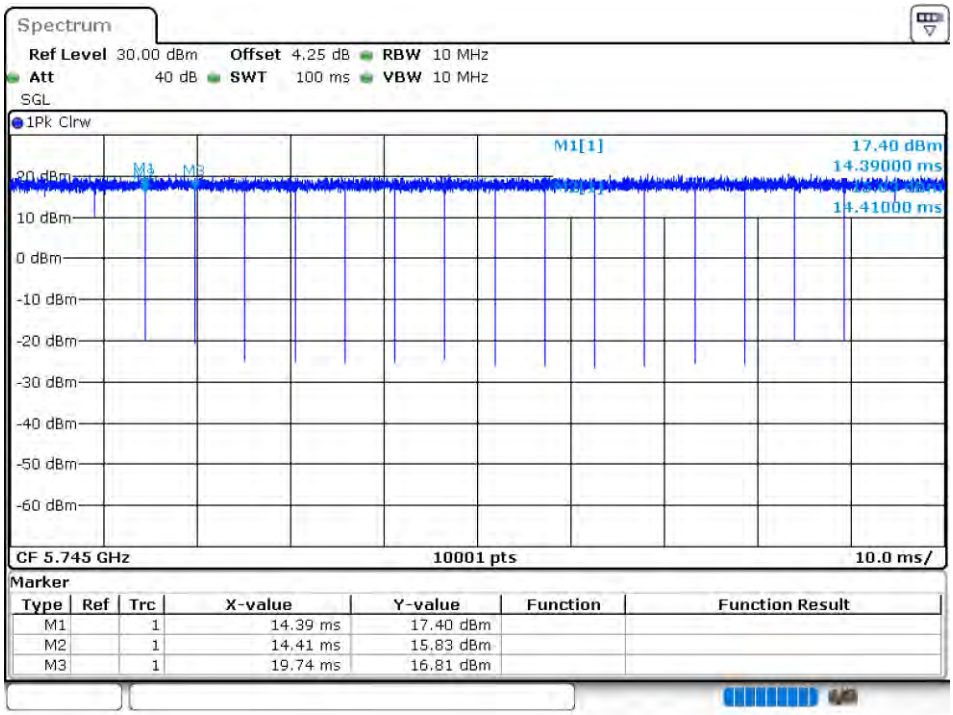
Duty Cycle NVNT n40 5755MHz Ant2



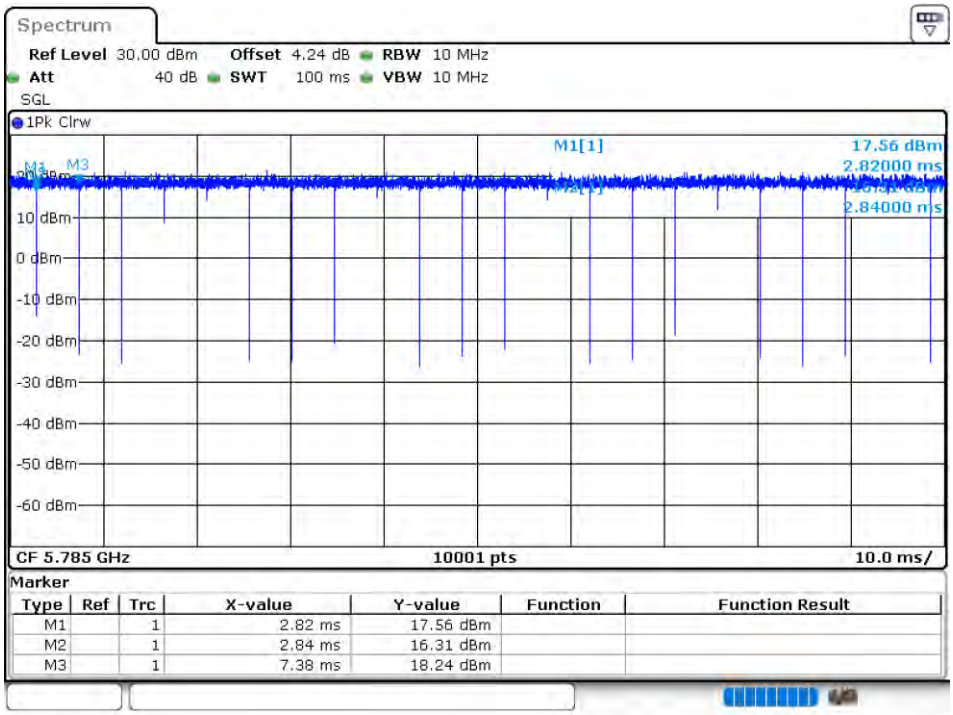
Duty Cycle NVNT n40 5795MHz Ant2



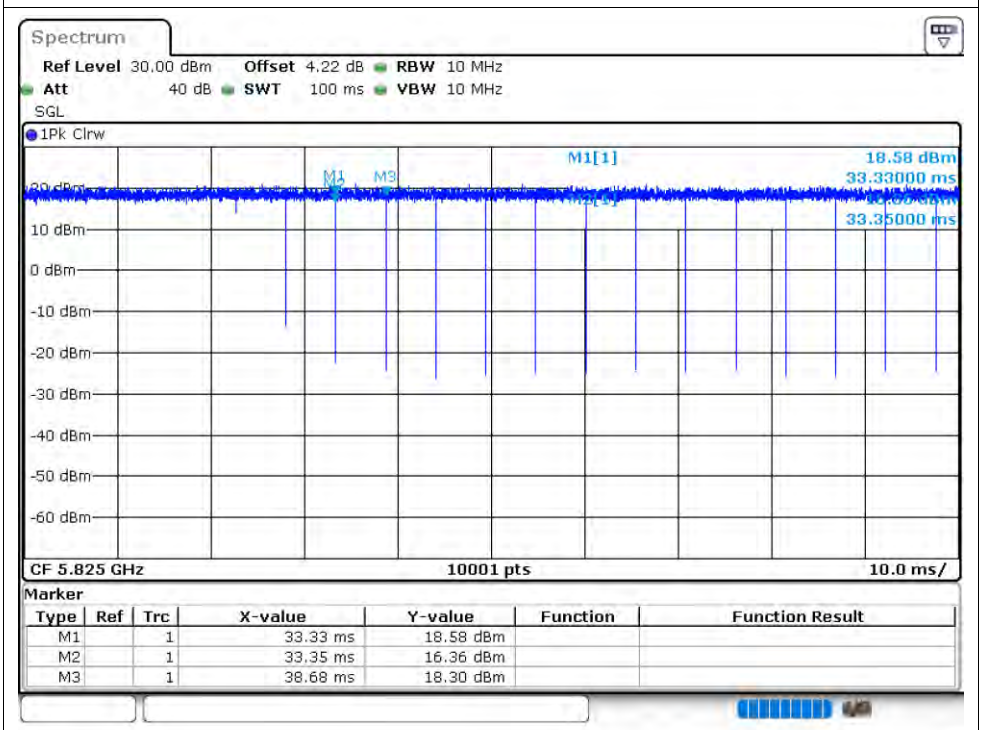
Duty Cycle NVNT ac20 5745MHz Ant1



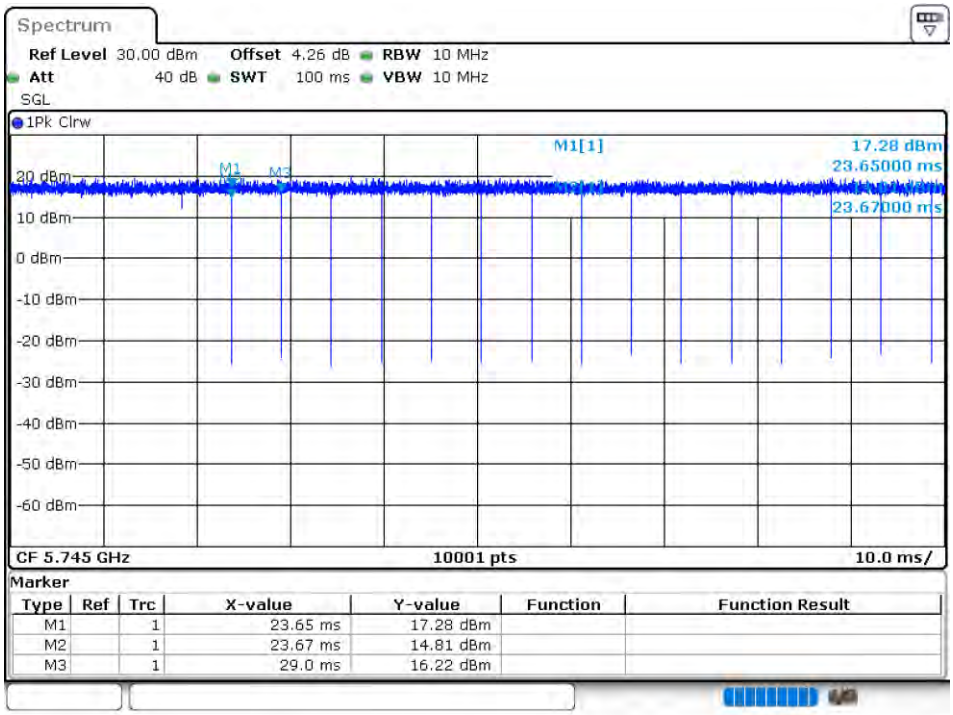
Duty Cycle NVNT ac20 5785MHz Ant1



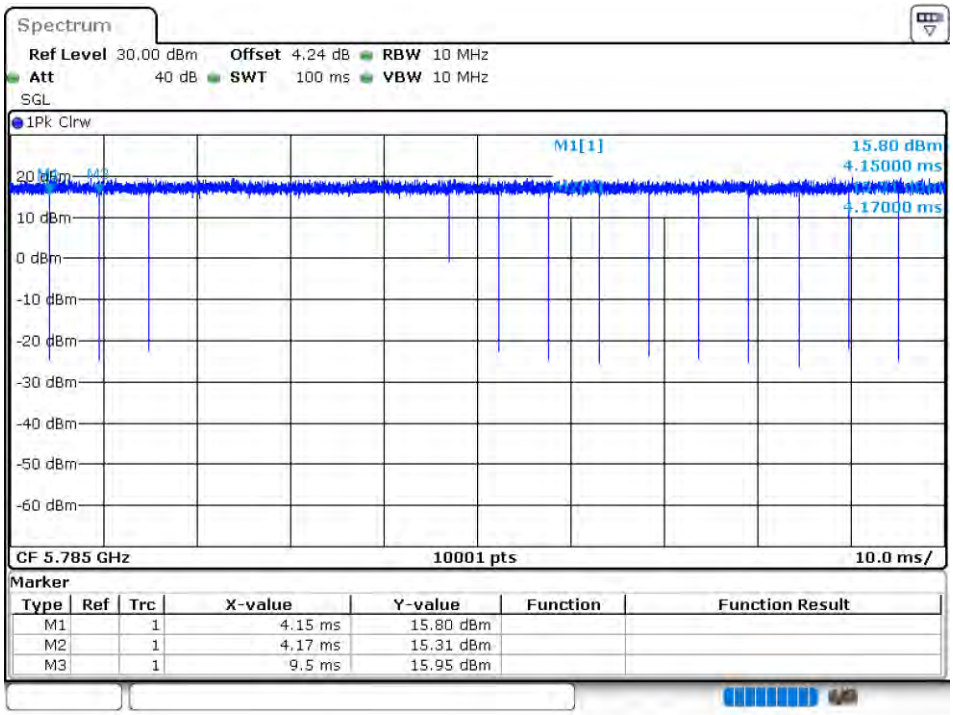
Duty Cycle NVNT ac20 5825MHz Ant1



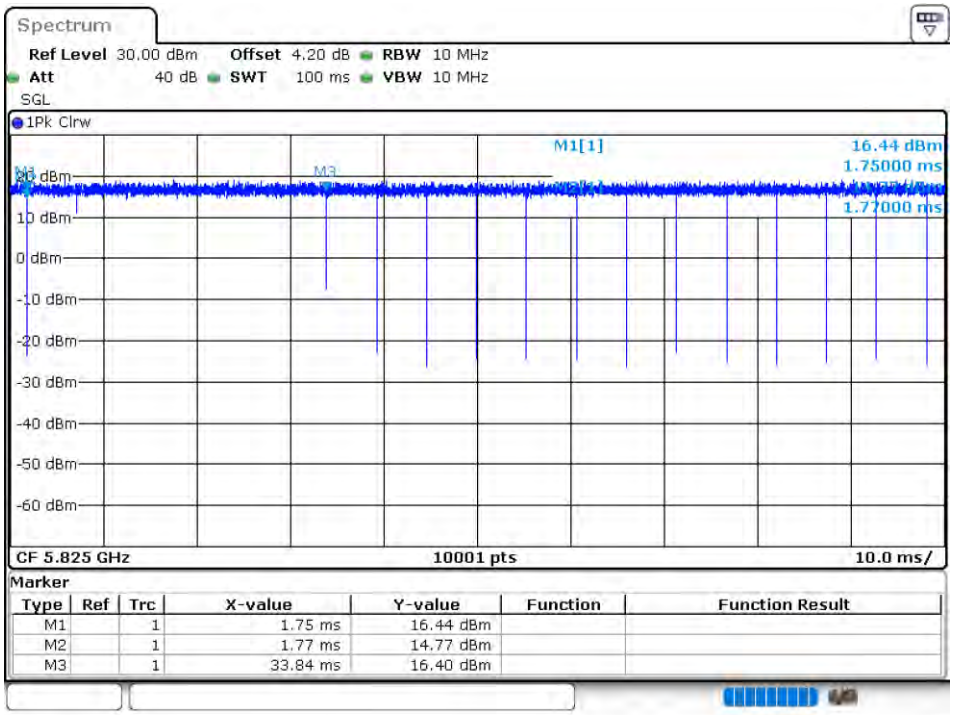
Duty Cycle NVNT ac20 5745MHz Ant2



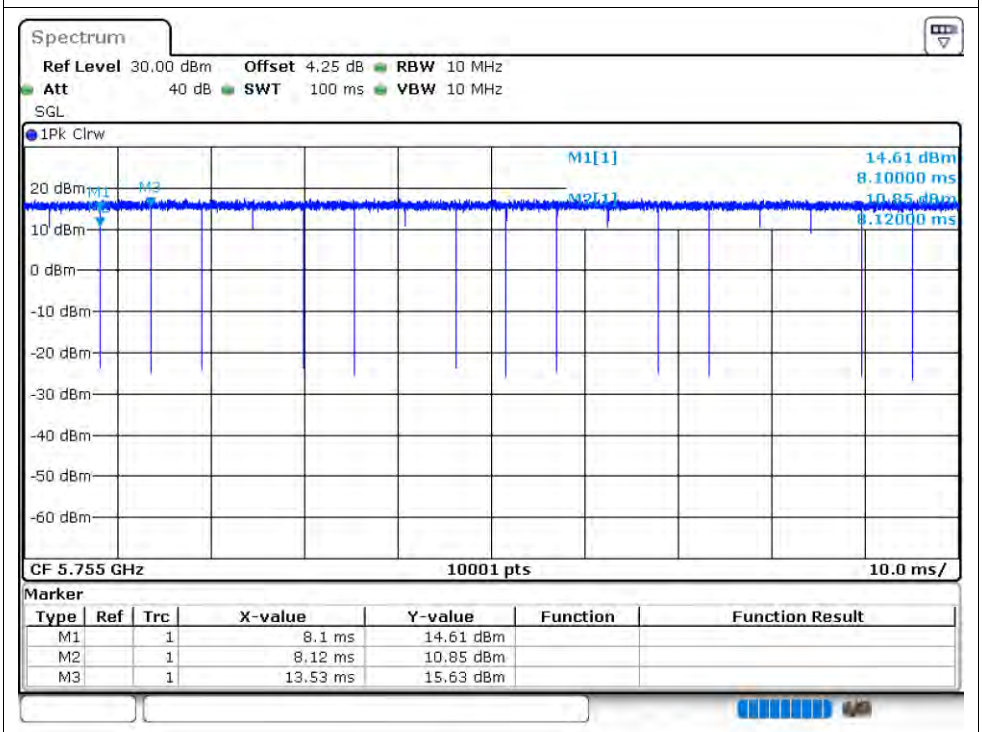
Duty Cycle NVNT ac20 5785MHz Ant2



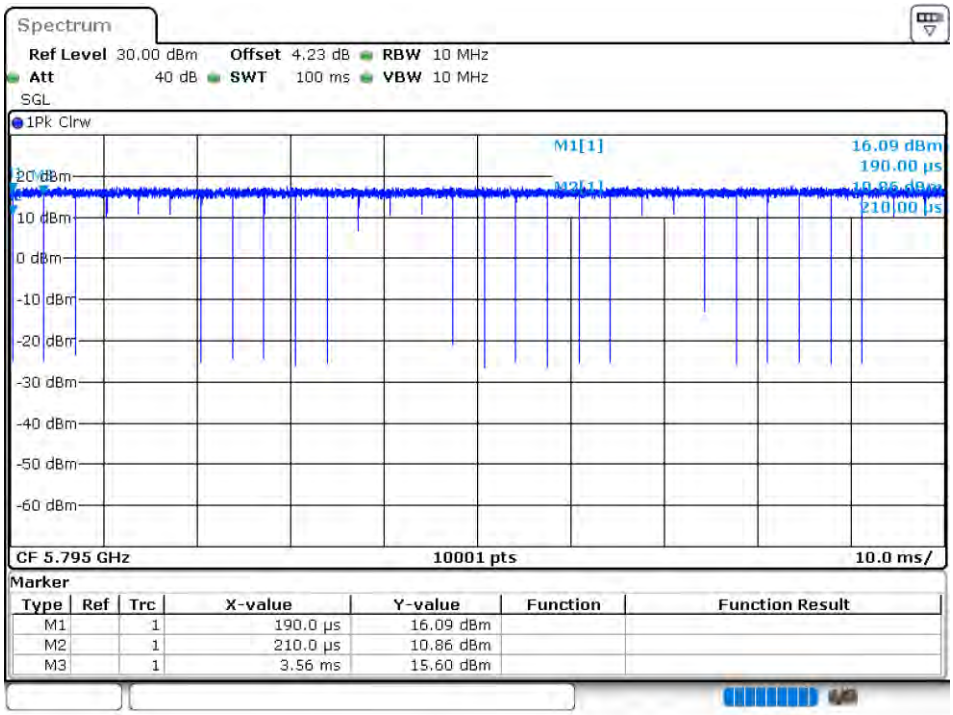
Duty Cycle NVNT ac20 5825MHz Ant2



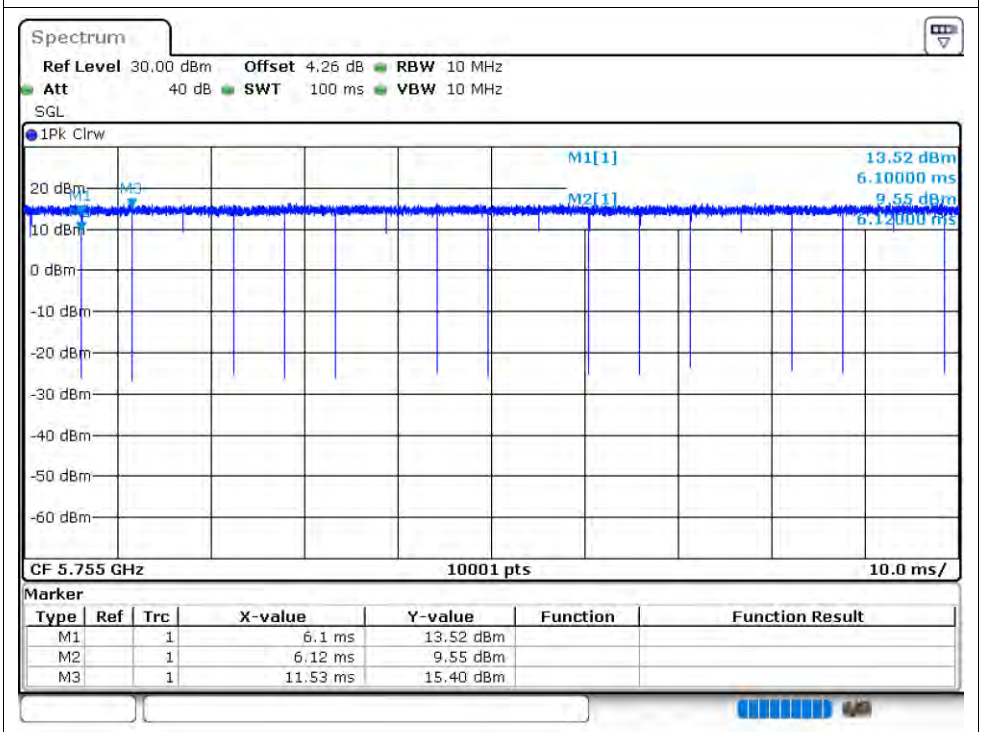
Duty Cycle NVNT ac40 5755MHz Ant1



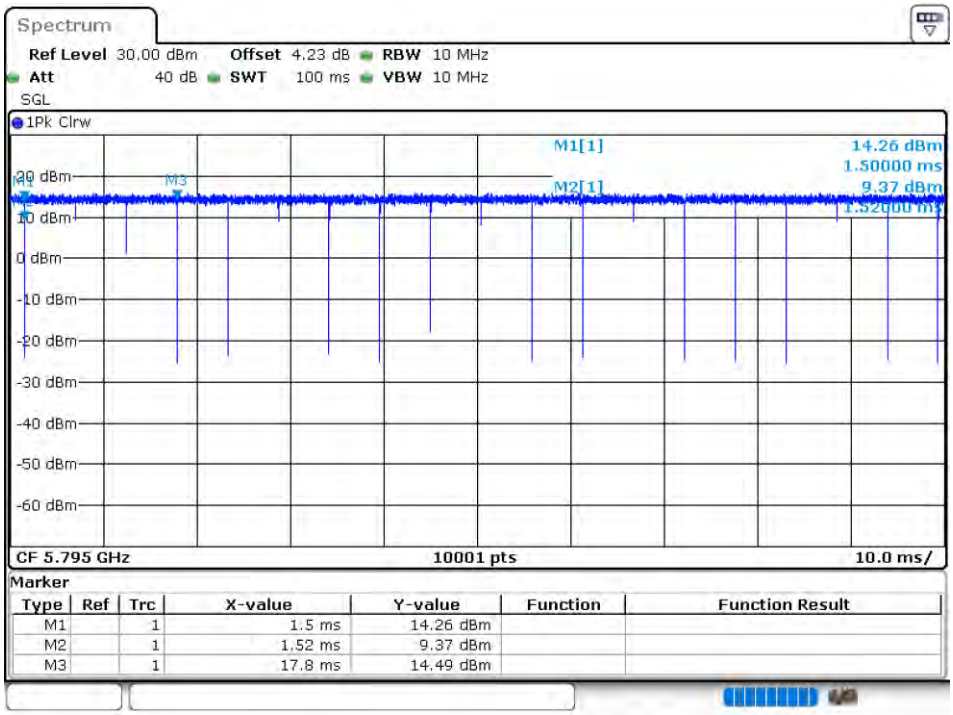
Duty Cycle NVNT ac40 5795MHz Ant1



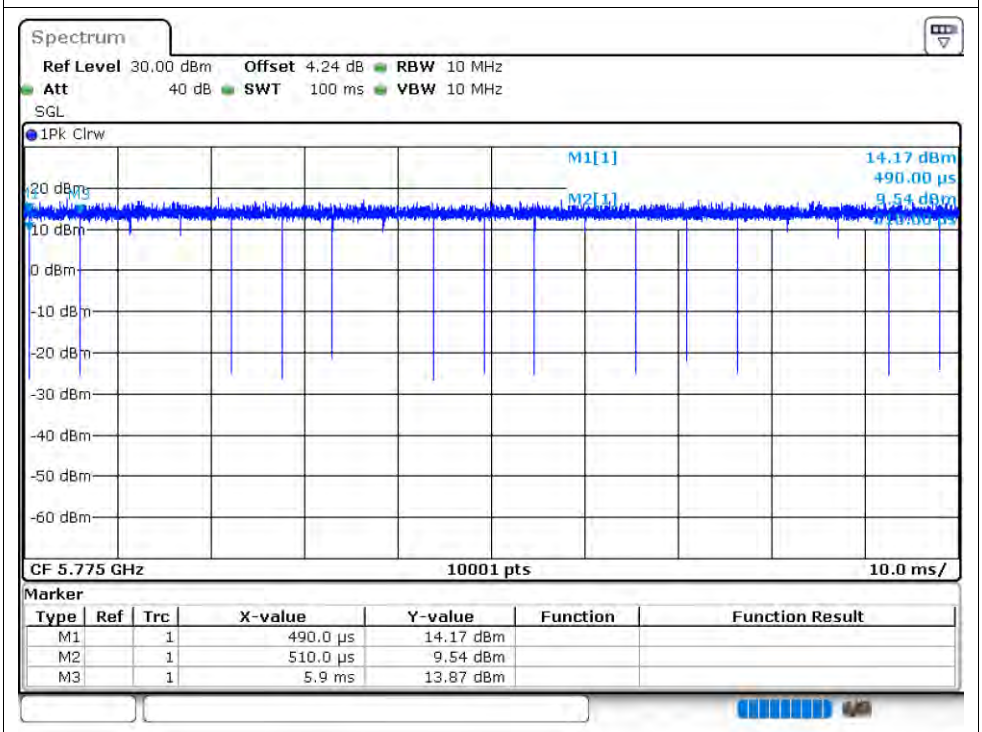
Duty Cycle NVNT ac40 5755MHz Ant2



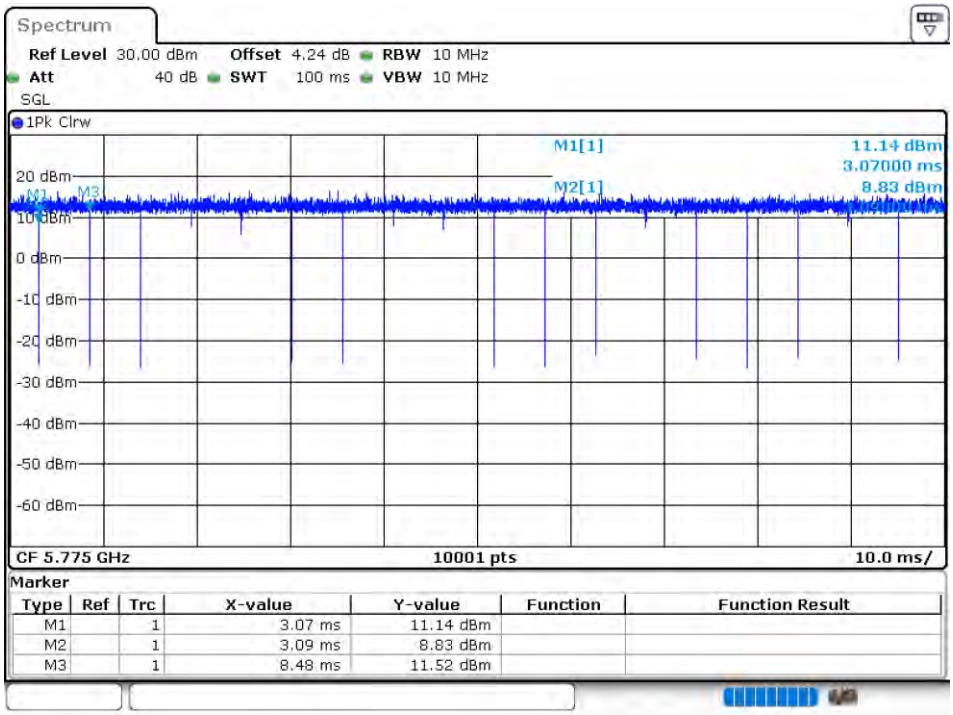
Duty Cycle NVNT ac40 5795MHz Ant2



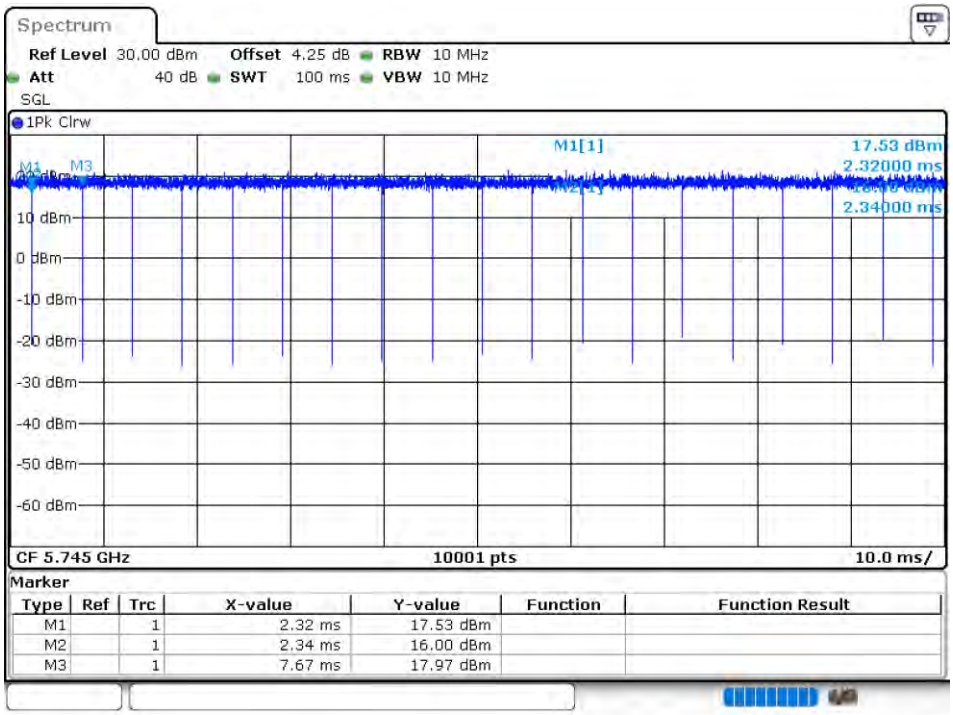
Duty Cycle NVNT ac80 5775MHz Ant1



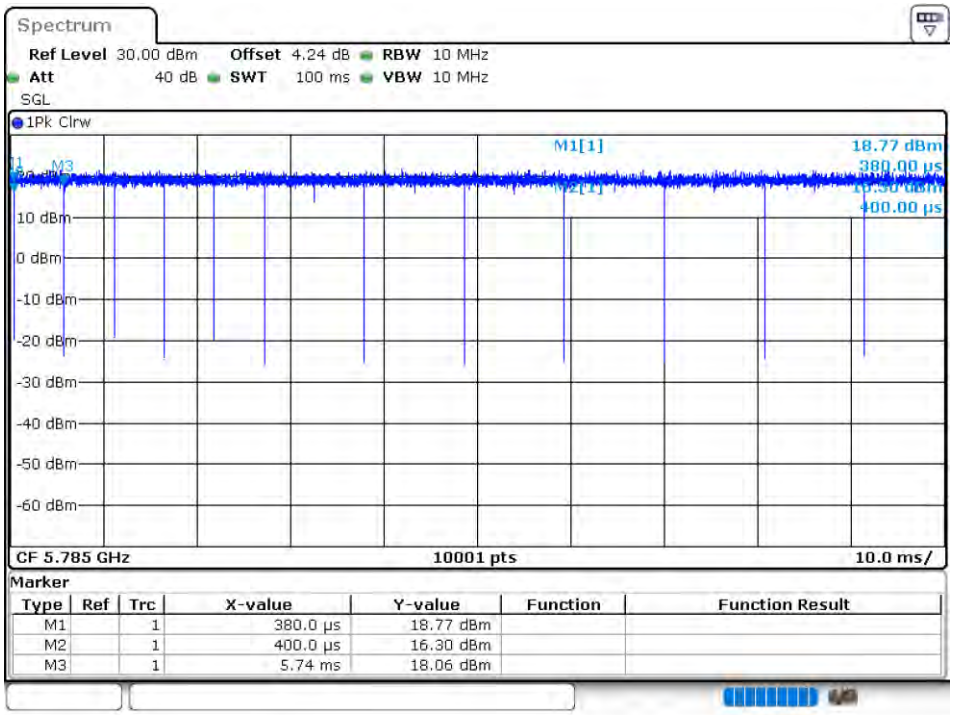
Duty Cycle NVNT ac80 5775MHz Ant2



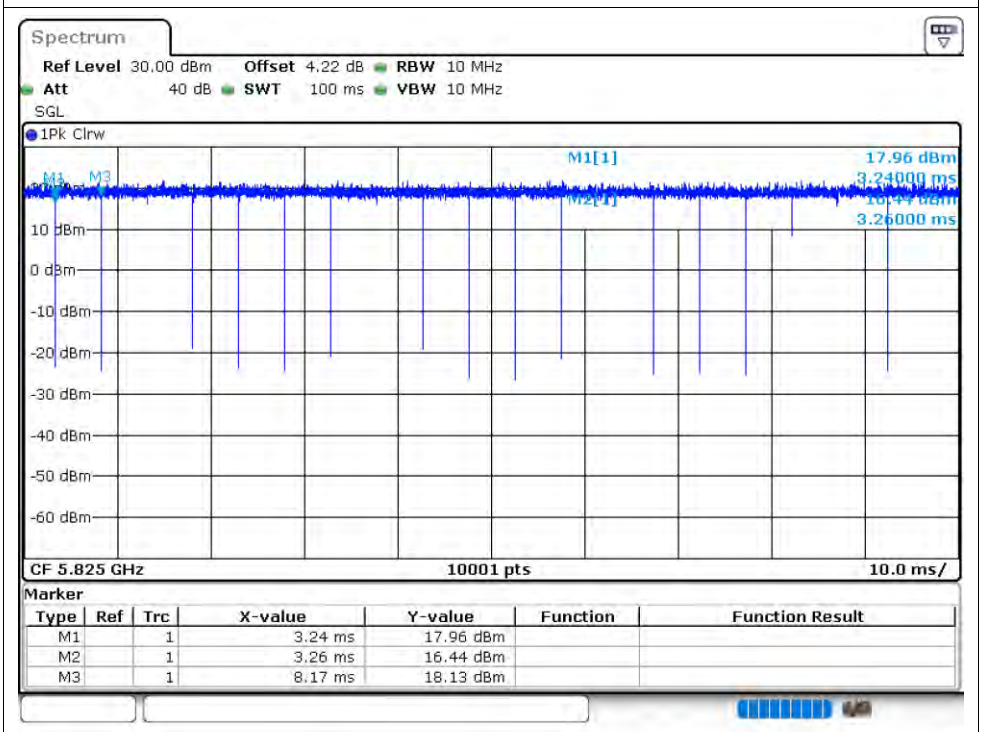
Duty Cycle NVNT ax20 5745MHz Ant1



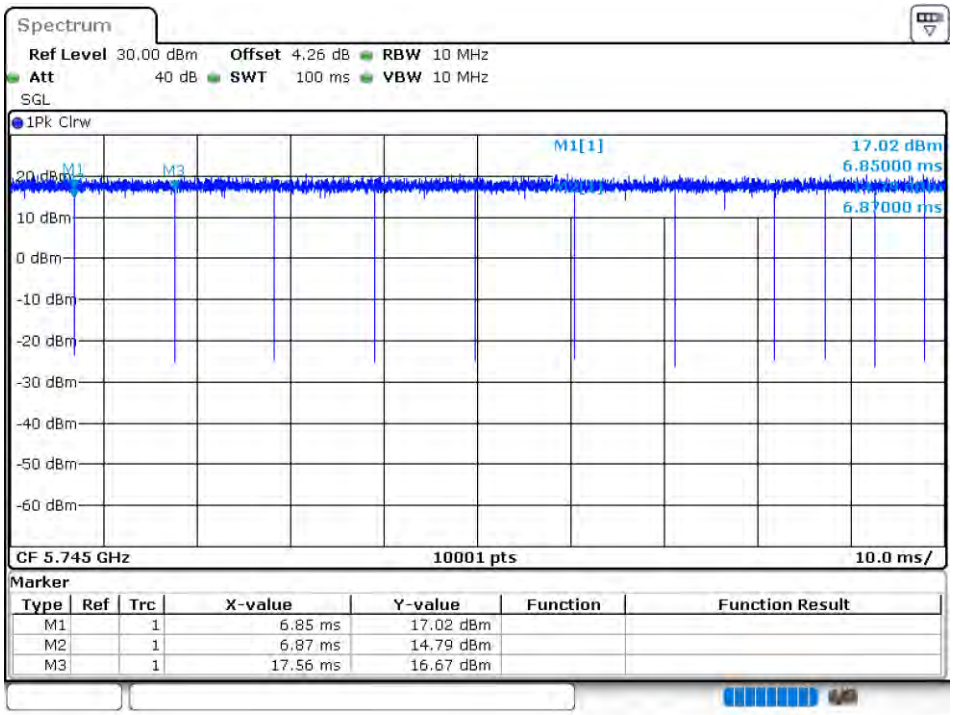
Duty Cycle NVNT ax20 5785MHz Ant1



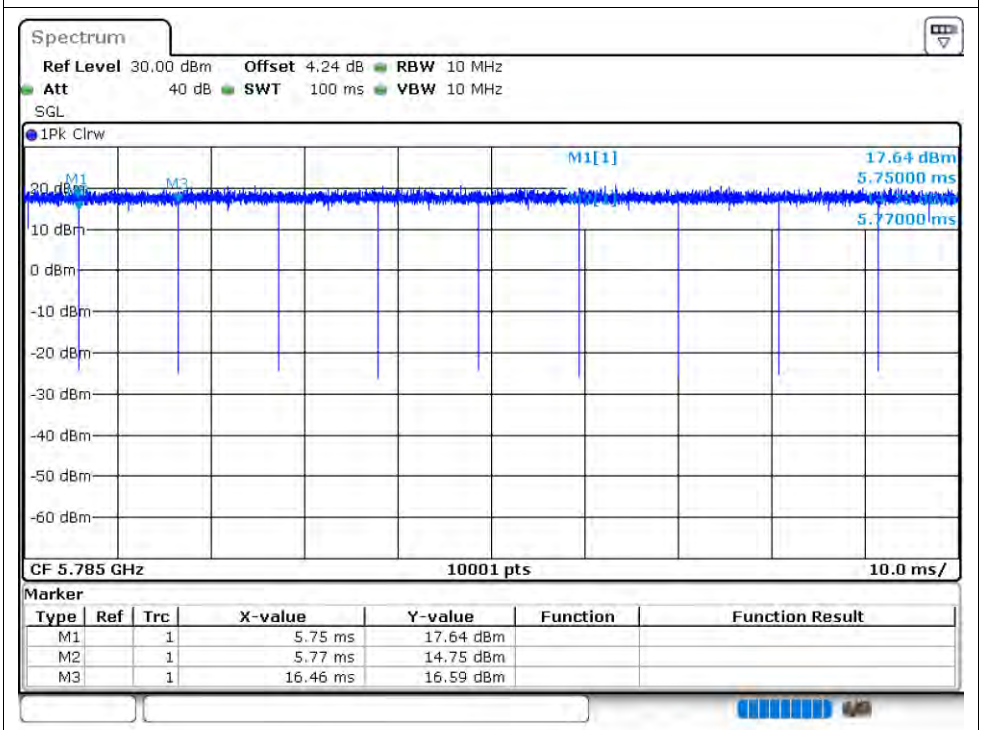
Duty Cycle NVNT ax20 5825MHz Ant1



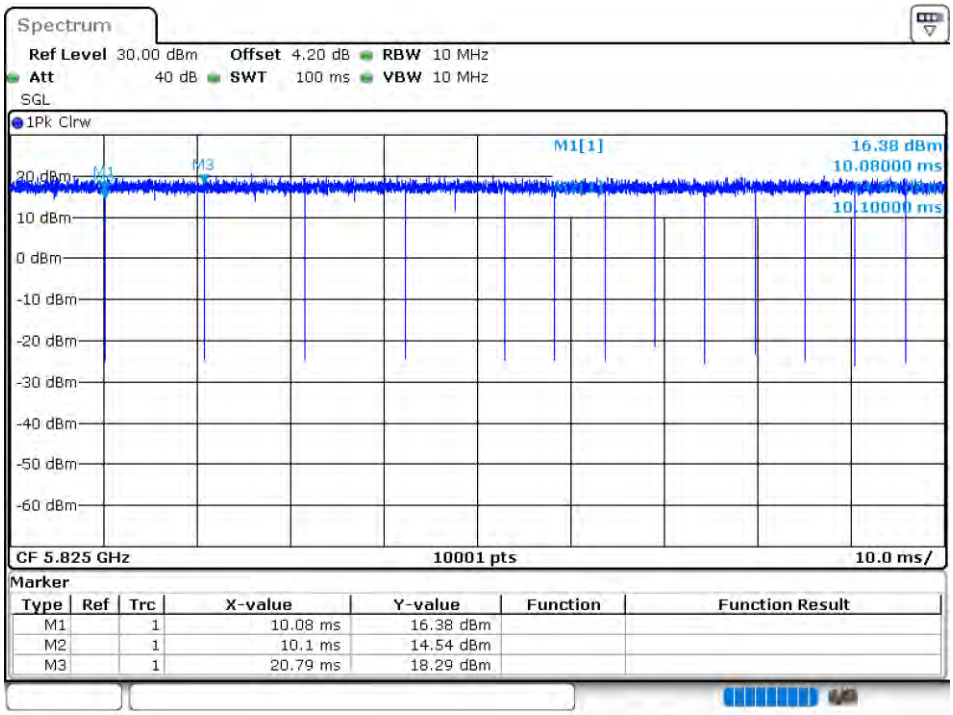
Duty Cycle NVNT ax20 5745MHz Ant2



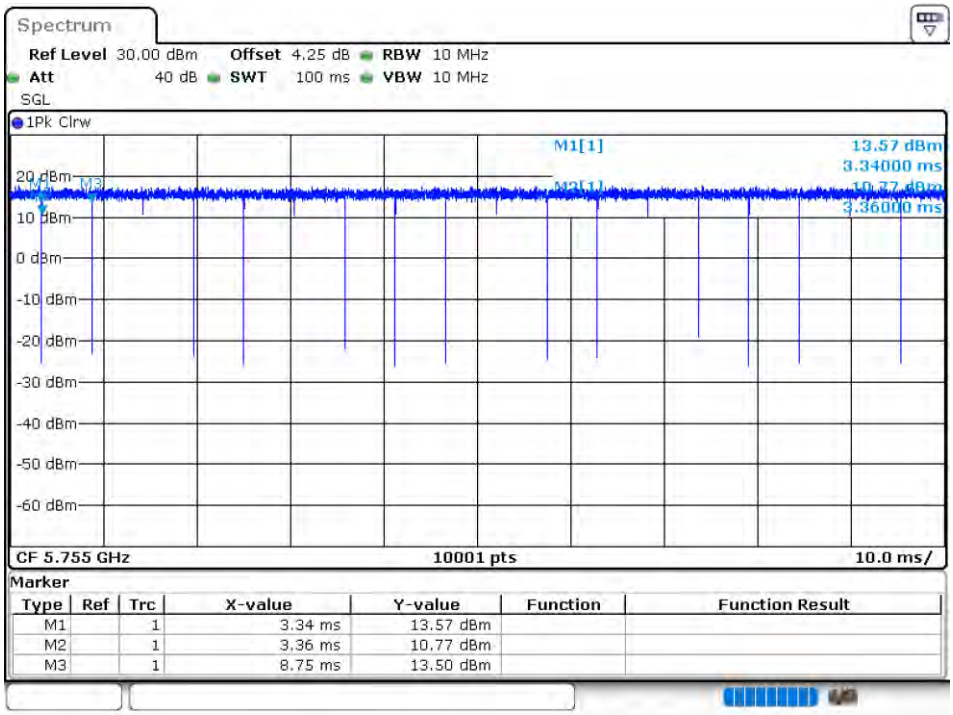
Duty Cycle NVNT ax20 5785MHz Ant2



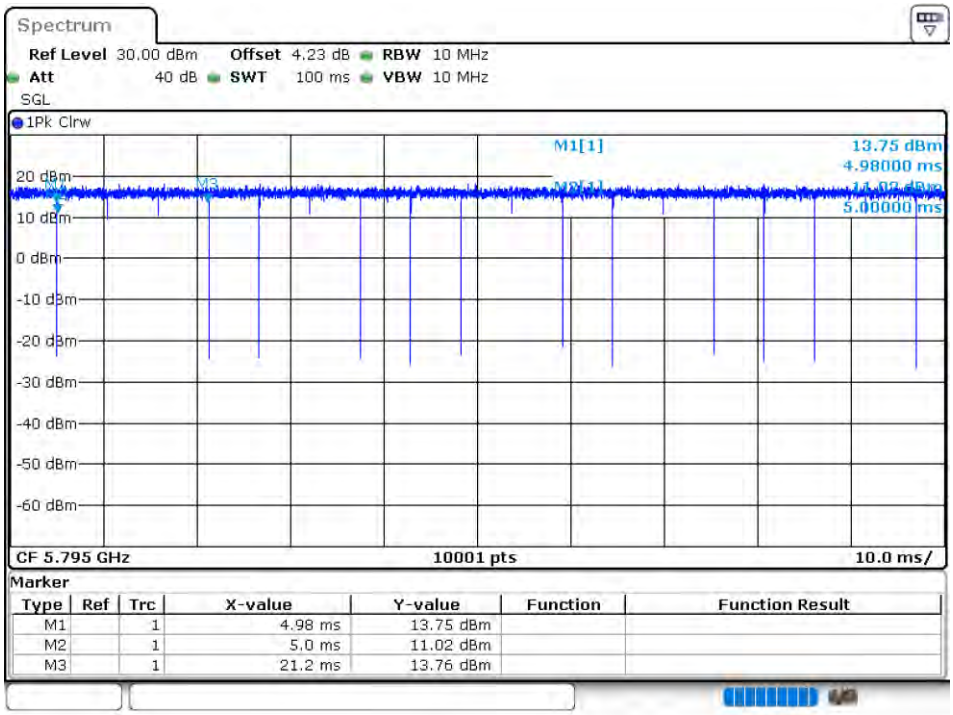
Duty Cycle NVNT ax20 5825MHz Ant2



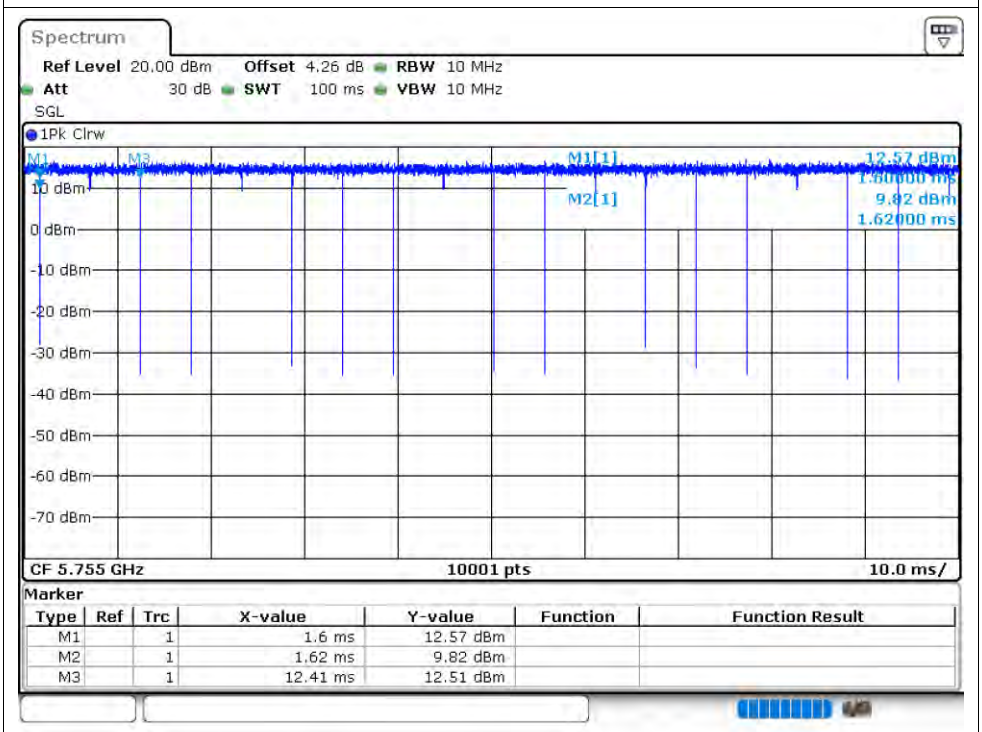
Duty Cycle NVNT ax40 5755MHz Ant1



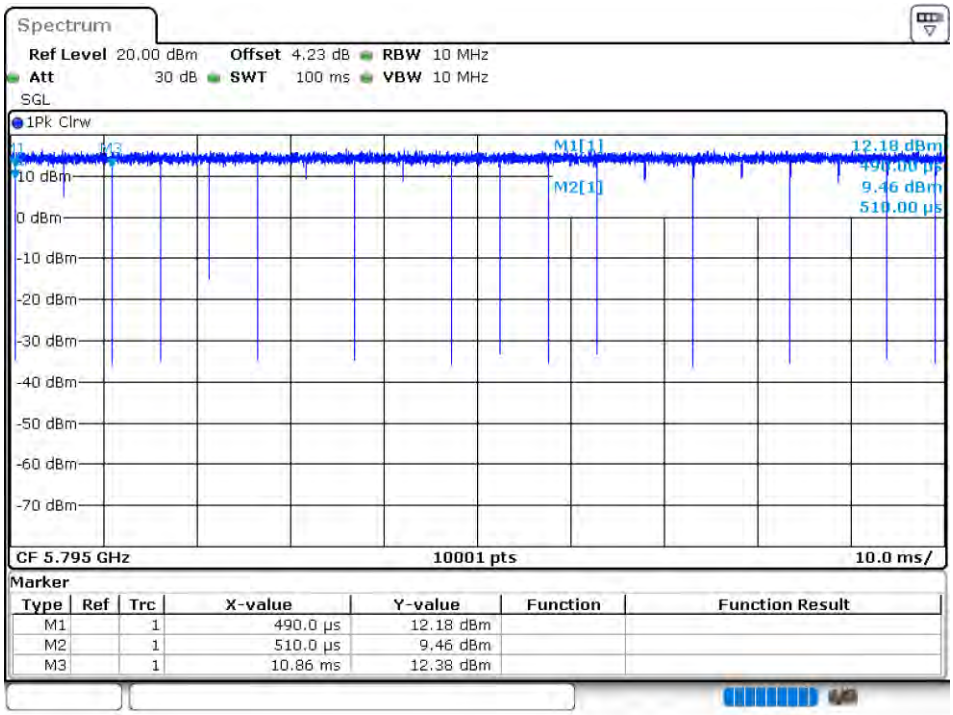
Duty Cycle NVNT ax40 5795MHz Ant1



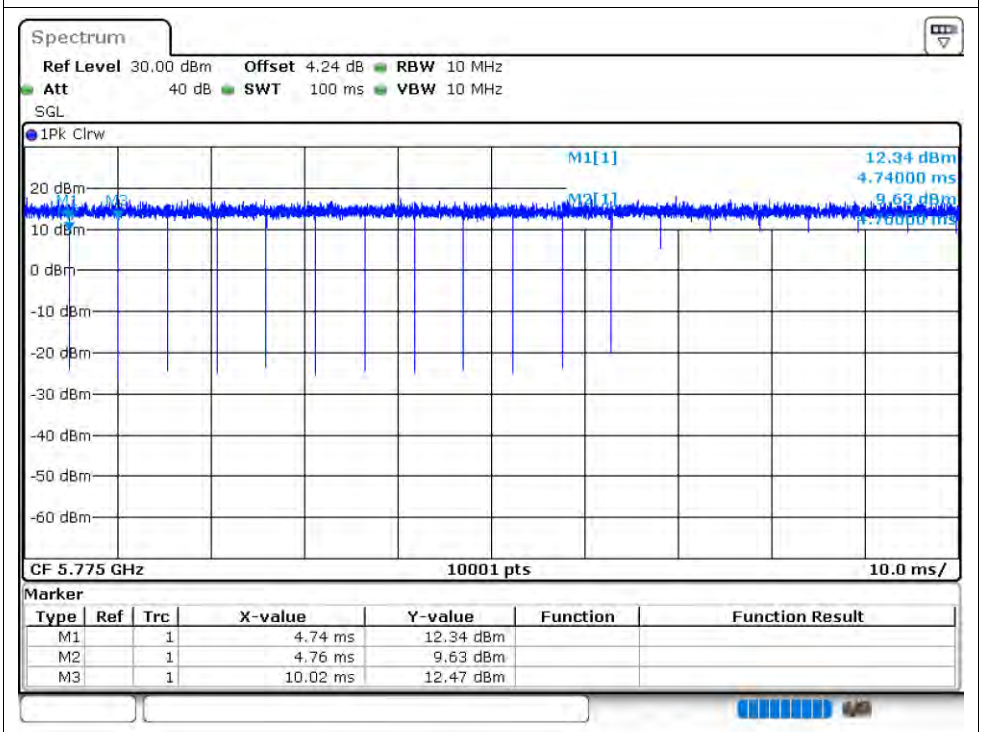
Duty Cycle NVNT ax40 5755MHz Ant2



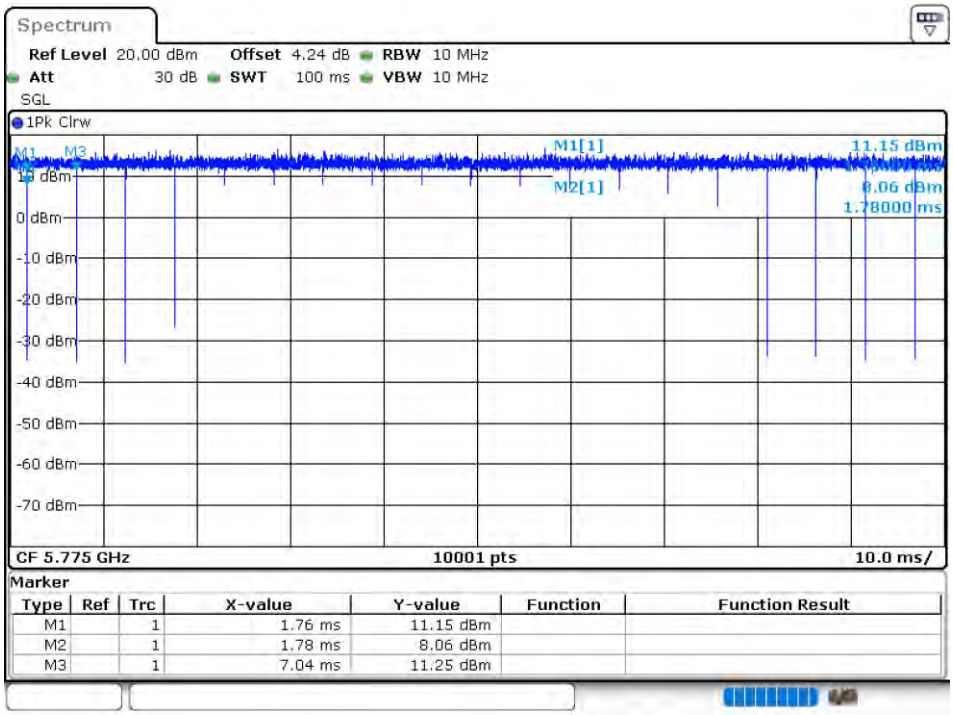
Duty Cycle NVNT ax40 5795MHz Ant2



Duty Cycle NVNT ax80 5775MHz Ant1



Duty Cycle NVNT ax80 5775MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	15.42	0.02	15.44	30	Pass
NVNT	a	5785	Ant1	15.49	0.02	15.51	30	Pass
NVNT	a	5825	Ant1	15.37	0.02	15.39	30	Pass
NVNT	a	5745	Ant2	14.32	0.01	14.33	30	Pass
NVNT	a	5785	Ant2	14.36	0.02	14.38	30	Pass
NVNT	a	5825	Ant2	14.49	0.02	14.51	30	Pass
NVNT	n20	5745	Ant1	15.13	0.01	15.14	30	Pass
NVNT	n20	5785	Ant1	15.06	0.01	15.07	30	Pass
NVNT	n20	5825	Ant1	15.28	0.01	15.29	30	Pass
NVNT	n20	5745	Ant2	14.11	0.01	14.12	30	Pass
NVNT	n20	5785	Ant2	14.08	0.01	14.09	30	Pass
NVNT	n20	5825	Ant2	14.24	0.01	14.25	30	Pass
NVNT	n40	5755	Ant1	15.53	0.01	15.54	30	Pass
NVNT	n40	5795	Ant1	15.46	0.01	15.47	30	Pass
NVNT	n40	5755	Ant2	14.44	0	14.44	30	Pass
NVNT	n40	5795	Ant2	14.33	0.01	14.34	30	Pass
NVNT	ac20	5745	Ant1	14.9	0.01	14.91	30	Pass
NVNT	ac20	5785	Ant1	15.17	0.01	15.18	30	Pass
NVNT	ac20	5825	Ant1	15.07	0.01	15.08	30	Pass
NVNT	ac20	5745	Ant2	14.05	0.01	14.06	30	Pass
NVNT	ac20	5785	Ant2	14.11	0.01	14.12	30	Pass
NVNT	ac20	5825	Ant2	14.19	0.01	14.2	30	Pass
NVNT	ac40	5755	Ant1	15.28	0.01	15.29	30	Pass
NVNT	ac40	5795	Ant1	15.43	0.01	15.44	30	Pass
NVNT	ac40	5755	Ant2	14.41	0.01	14.42	30	Pass
NVNT	ac40	5795	Ant2	14.45	0.01	14.46	30	Pass
NVNT	ac80	5775	Ant1	16.04	0.01	16.05	30	Pass
NVNT	ac80	5775	Ant2	14.95	0.01	14.96	30	Pass
NVNT	ax20	5745	Ant1	15.08	0.01	15.09	30	Pass
NVNT	ax20	5785	Ant1	15.13	0.01	15.14	30	Pass
NVNT	ax20	5825	Ant1	15.14	0.01	15.15	30	Pass
NVNT	ax20	5745	Ant2	14.2	0	14.2	30	Pass
NVNT	ax20	5785	Ant2	14.24	0	14.24	30	Pass
NVNT	ax20	5825	Ant2	14.36	0.01	14.37	30	Pass
NVNT	ax40	5755	Ant1	15.09	0.01	15.1	30	Pass
NVNT	ax40	5795	Ant1	15	0.01	15.01	30	Pass
NVNT	ax40	5755	Ant2	13.97	0.01	13.98	30	Pass
NVNT	ax40	5795	Ant2	14.01	0.01	14.02	30	Pass
NVNT	ax80	5775	Ant1	15.81	0.01	15.82	30	Pass
NVNT	ax80	5775	Ant2	14.73	0	14.73	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.464	0.5	Pass
NVNT	a	5785	Ant1	16.026	0.5	Pass
NVNT	a	5825	Ant1	16.029	0.5	Pass
NVNT	a	5745	Ant2	16.374	0.5	Pass
NVNT	a	5785	Ant2	16.359	0.5	Pass
NVNT	a	5825	Ant2	15.639	0.5	Pass
NVNT	n20	5745	Ant1	17.622	0.5	Pass
NVNT	n20	5785	Ant1	17.571	0.5	Pass
NVNT	n20	5825	Ant1	17.697	0.5	Pass
NVNT	n20	5745	Ant2	17.568	0.5	Pass
NVNT	n20	5785	Ant2	17.631	0.5	Pass
NVNT	n20	5825	Ant2	17.598	0.5	Pass
NVNT	n40	5755	Ant1	35.664	0.5	Pass
NVNT	n40	5795	Ant1	35.022	0.5	Pass
NVNT	n40	5755	Ant2	36.33	0.5	Pass
NVNT	n40	5795	Ant2	36.348	0.5	Pass
NVNT	ac20	5745	Ant1	17.613	0.5	Pass
NVNT	ac20	5785	Ant1	17.61	0.5	Pass
NVNT	ac20	5825	Ant1	17.679	0.5	Pass
NVNT	ac20	5745	Ant2	17.604	0.5	Pass
NVNT	ac20	5785	Ant2	17.631	0.5	Pass
NVNT	ac20	5825	Ant2	17.607	0.5	Pass
NVNT	ac40	5755	Ant1	35.46	0.5	Pass
NVNT	ac40	5795	Ant1	36.36	0.5	Pass
NVNT	ac40	5755	Ant2	36.288	0.5	Pass
NVNT	ac40	5795	Ant2	36.384	0.5	Pass
NVNT	ac80	5775	Ant1	75	0.5	Pass
NVNT	ac80	5775	Ant2	73.812	0.5	Pass
NVNT	ax20	5745	Ant1	18.996	0.5	Pass
NVNT	ax20	5785	Ant1	18.246	0.5	Pass
NVNT	ax20	5825	Ant1	18.324	0.5	Pass
NVNT	ax20	5745	Ant2	18.993	0.5	Pass
NVNT	ax20	5785	Ant2	18.354	0.5	Pass
NVNT	ax20	5825	Ant2	18.894	0.5	Pass
NVNT	ax40	5755	Ant1	37.848	0.5	Pass
NVNT	ax40	5795	Ant1	38.058	0.5	Pass
NVNT	ax40	5755	Ant2	37.914	0.5	Pass
NVNT	ax40	5795	Ant2	37.932	0.5	Pass
NVNT	ax80	5775	Ant1	63.828	0.5	Pass
NVNT	ax80	5775	Ant2	69.792	0.5	Pass