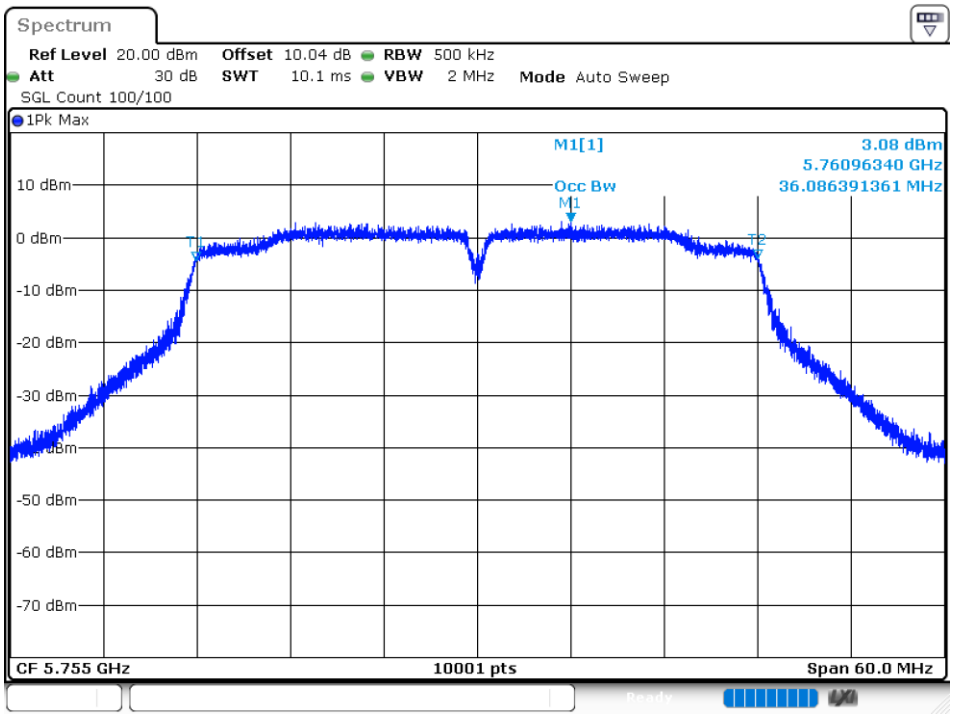
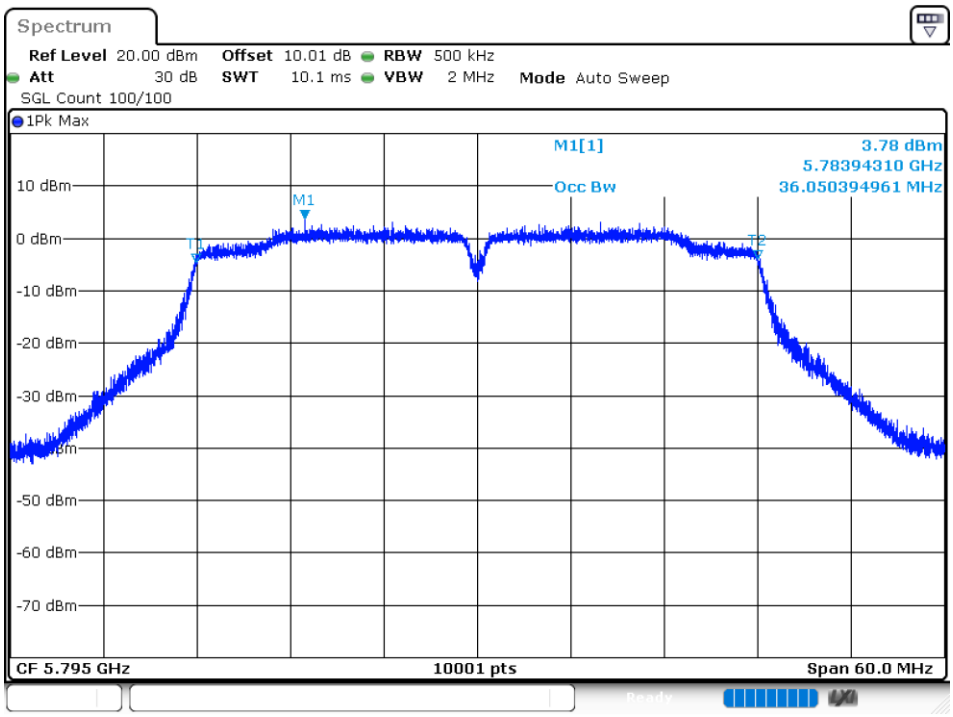
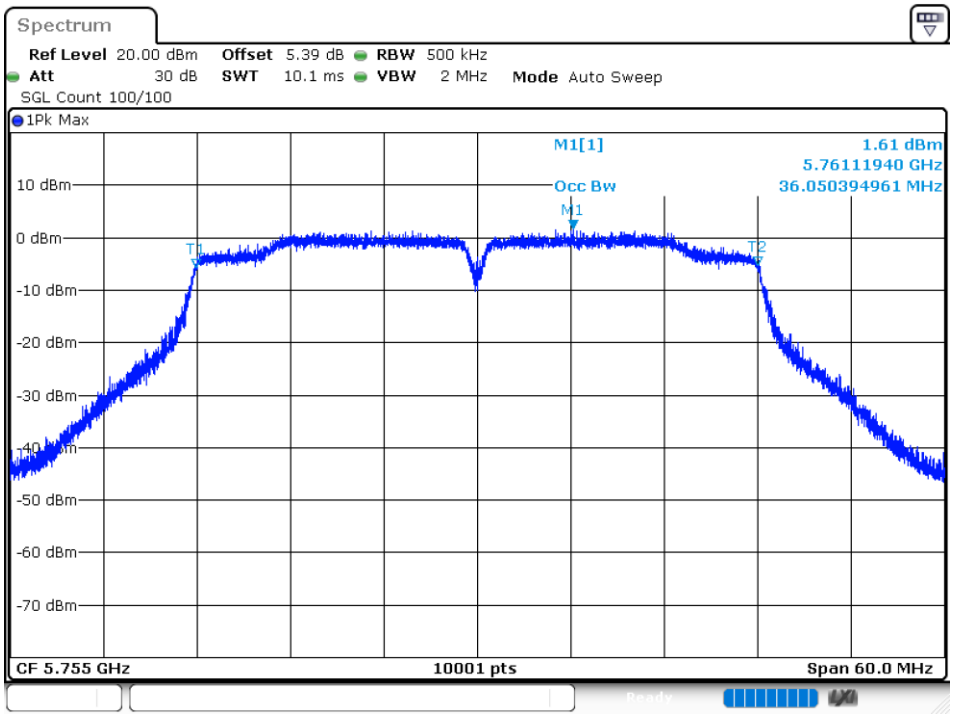
OBW NVNT ac40 5755MHz Ant1



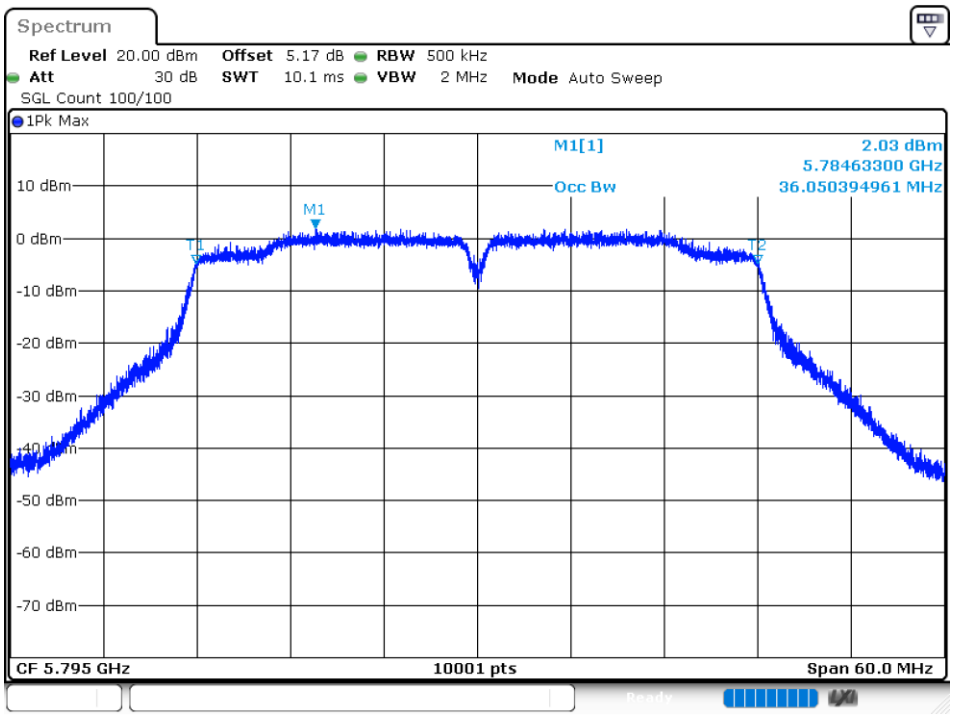
OBW NVNT ac40 5795MHz Ant1



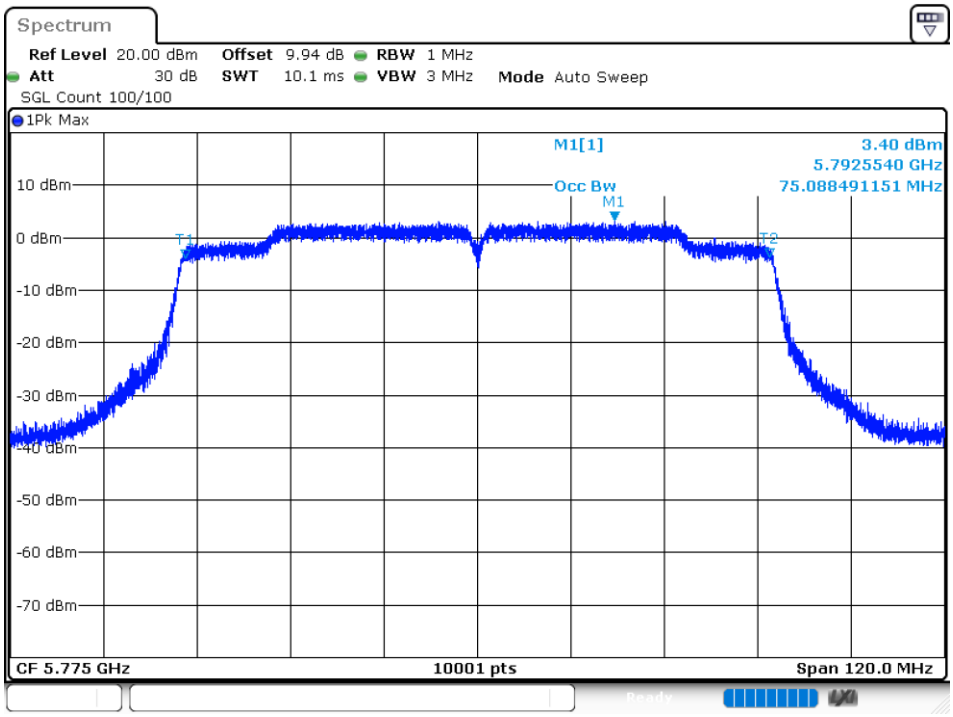
OBW NVNT ac40 5755MHz Ant2



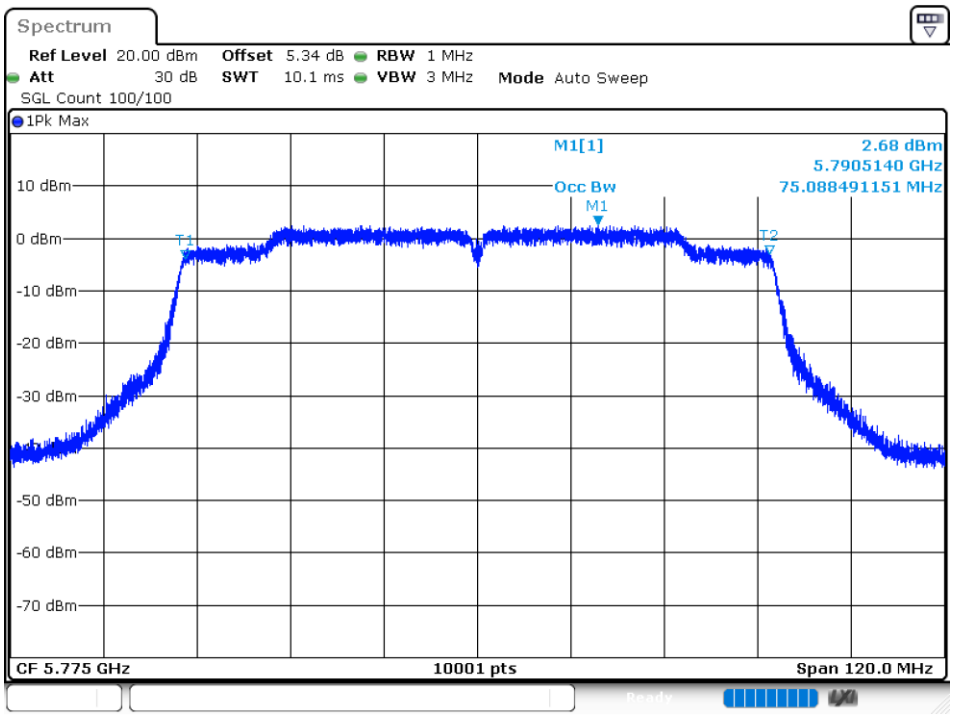
OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5775MHz Ant1



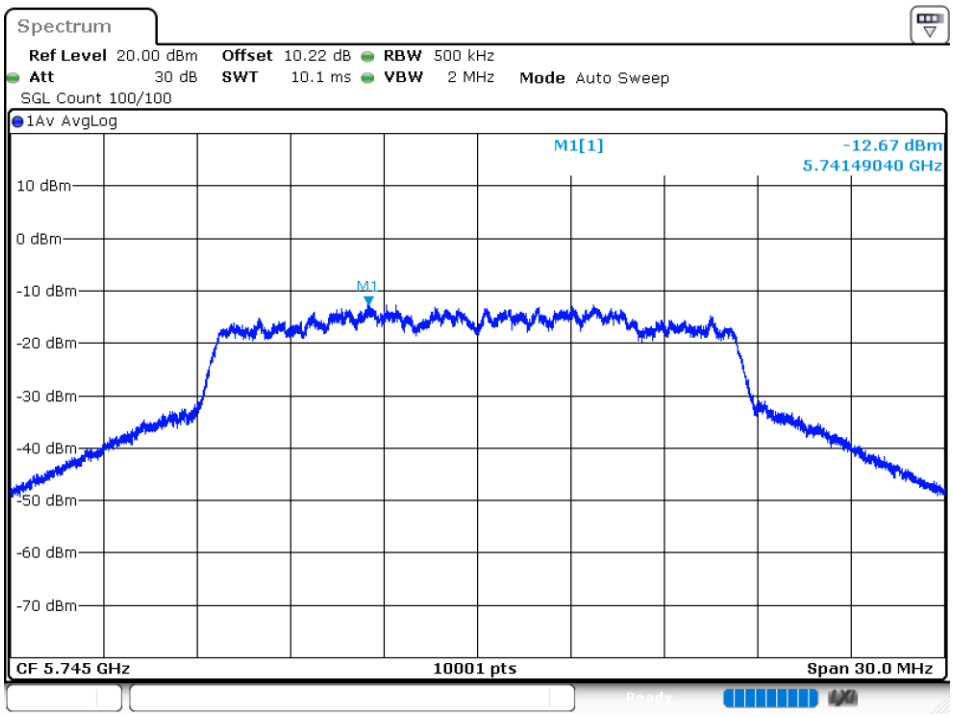
OBW NVNT ac80 5775MHz Ant2



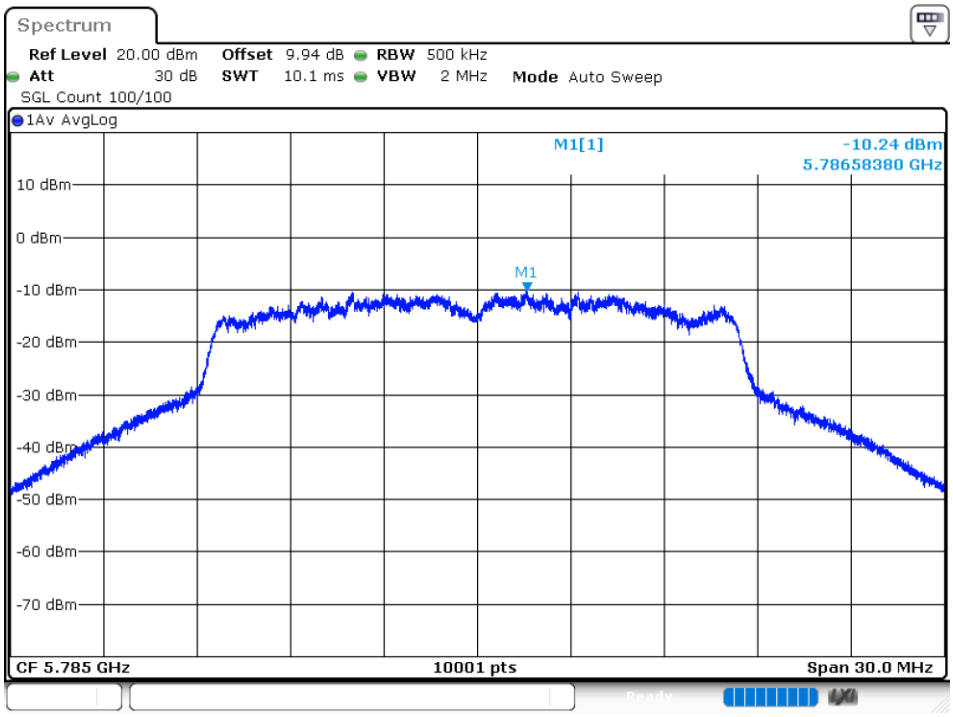
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-12.67	0	-12.67	30	Pass
NVNT	a	5785	Ant1	-10.24	0.89	-9.35	30	Pass
NVNT	a	5825	Ant1	-10.44	0.89	-9.55	30	Pass
NVNT	a	5745	Ant2	-12.64	0	-12.64	30	Pass
NVNT	a	5785	Ant2	-10.95	0.14	-10.81	30	Pass
NVNT	a	5825	Ant2	-11.21	0.09	-11.12	30	Pass
NVNT	n20	5745	Ant1	-10.12	0.89	-9.23	30	Pass
NVNT	n20	5785	Ant1	-10.03	0.92	-9.11	30	Pass
NVNT	n20	5825	Ant1	-9.68	0.91	-8.77	30	Pass
NVNT	n20	5745	Ant2	-11.67	0.16	-11.51	30	Pass
NVNT	n20	5785	Ant2	-11.47	0.14	-11.33	30	Pass
NVNT	n20	5825	Ant2	-12.11	0.08	-12.03	30	Pass
NVNT	n40	5755	Ant1	-11.81	0.88	-10.93	30	Pass
NVNT	n40	5795	Ant1	-12.85	0.95	-11.9	30	Pass
NVNT	n40	5755	Ant2	-13.36	0.12	-13.24	30	Pass
NVNT	n40	5795	Ant2	-14.21	0.12	-14.09	30	Pass
NVNT	ac20	5745	Ant1	-9.25	0.92	-8.33	30	Pass
NVNT	ac20	5785	Ant1	-10	0.9	-9.1	30	Pass
NVNT	ac20	5825	Ant1	-8.7	0.91	-7.79	30	Pass
NVNT	ac20	5745	Ant2	-11.88	0.17	-11.71	30	Pass
NVNT	ac20	5785	Ant2	-11	0.13	-10.87	30	Pass
NVNT	ac20	5825	Ant2	-11.77	0.07	-11.7	30	Pass
NVNT	ac40	5755	Ant1	-11.6	0.88	-10.72	30	Pass
NVNT	ac40	5795	Ant1	-13.12	0.94	-12.18	30	Pass
NVNT	ac40	5755	Ant2	-13.84	0.13	-13.71	30	Pass
NVNT	ac40	5795	Ant2	-13.93	0.12	-13.81	30	Pass
NVNT	ac80	5775	Ant1	-15.08	0.92	-14.16	30	Pass
NVNT	ac80	5775	Ant2	-16.64	0.11	-16.53	30	Pass

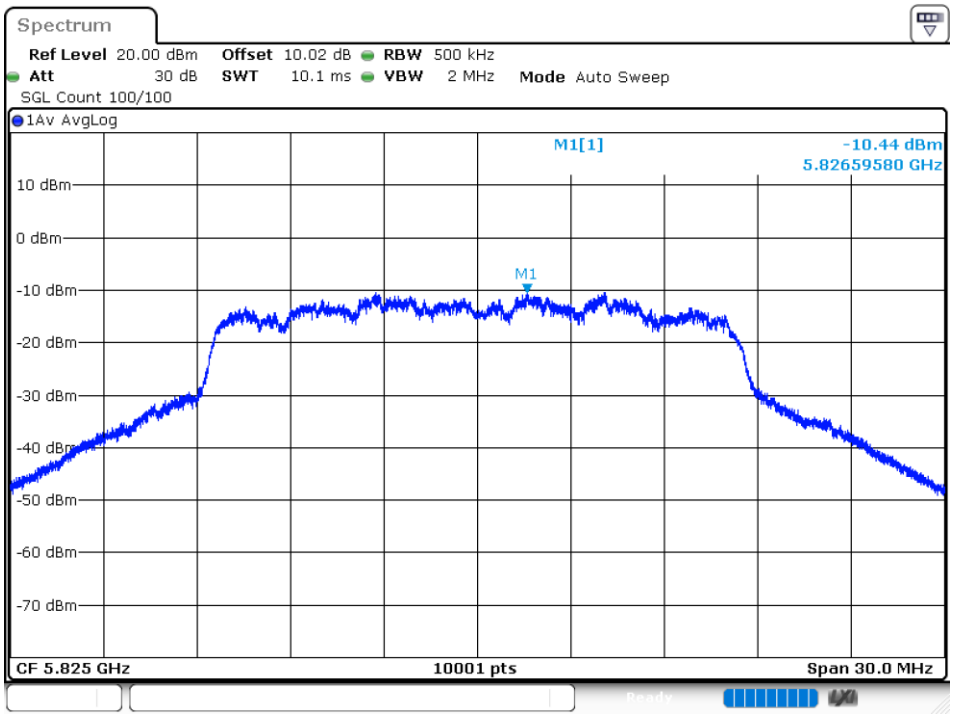
Test Graphs
PSD NVNT a 5745MHz Ant1



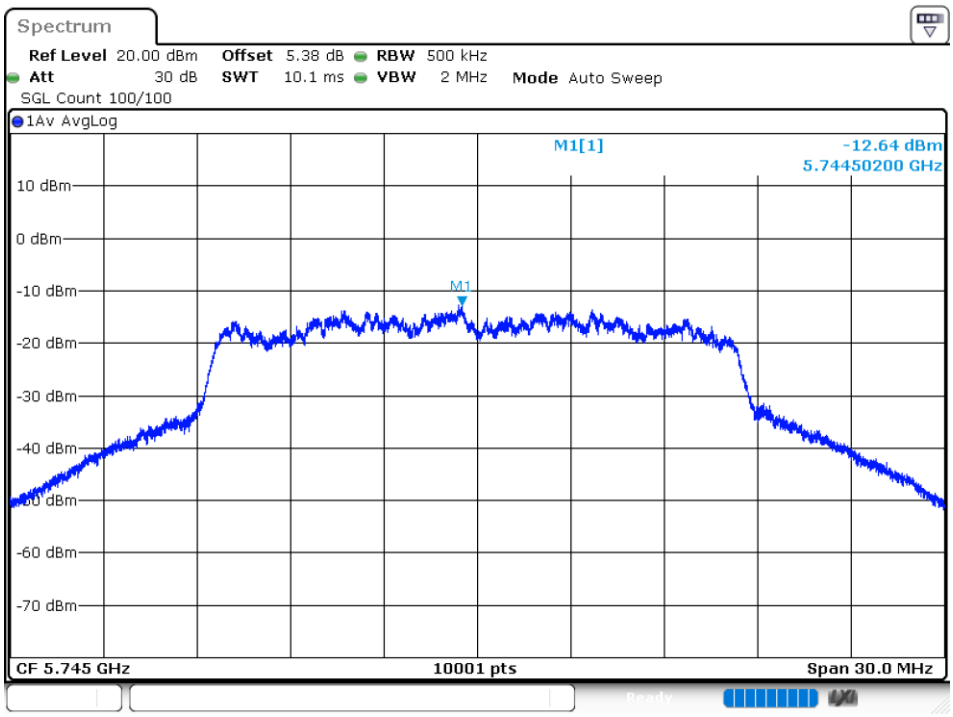
PSD NVNT a 5785MHz Ant1



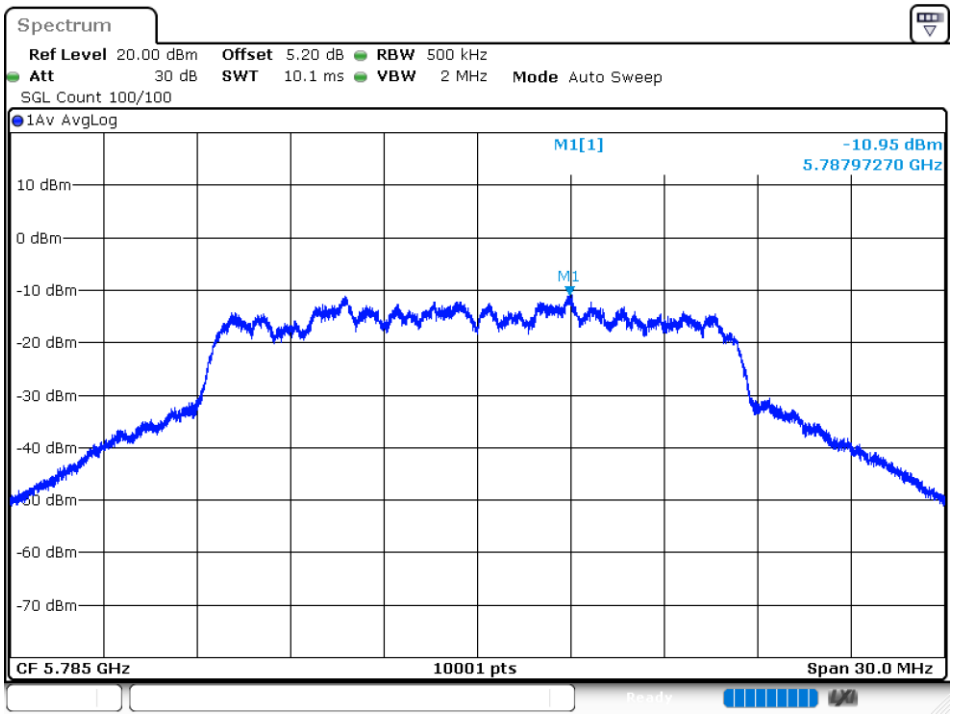
PSD NVNT a 5825MHz Ant1



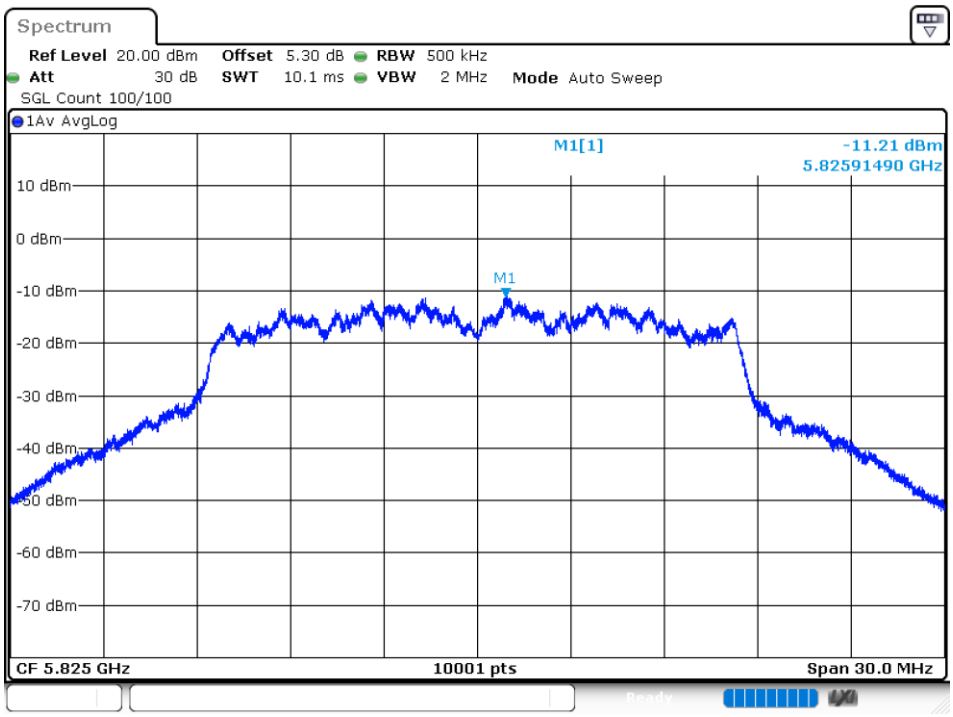
PSD NVNT a 5745MHz Ant2



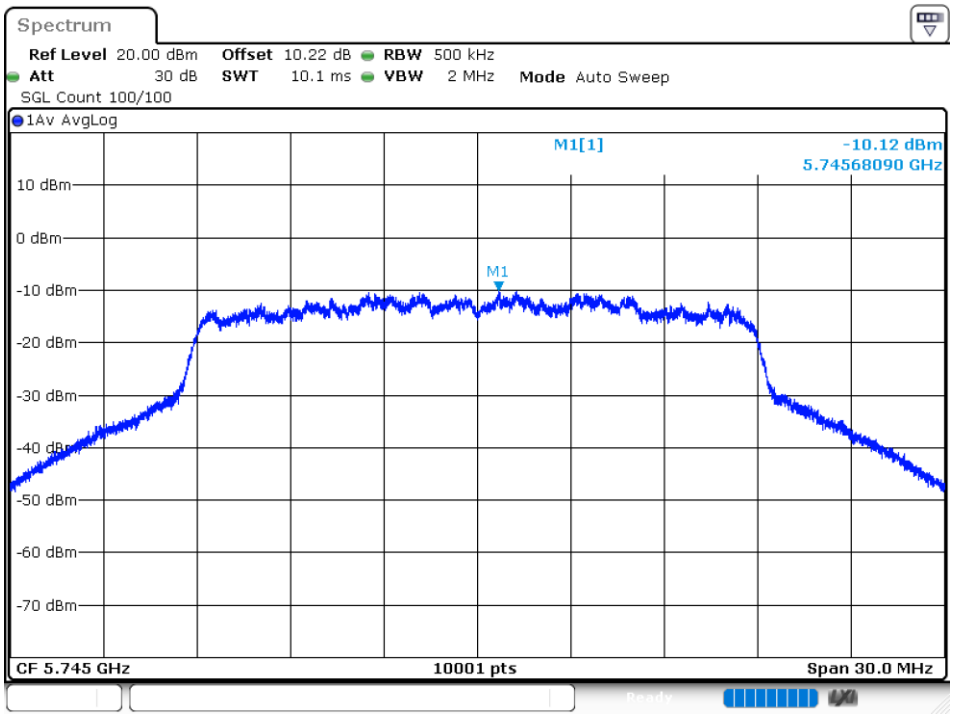
PSD NVNT a 5785MHz Ant2



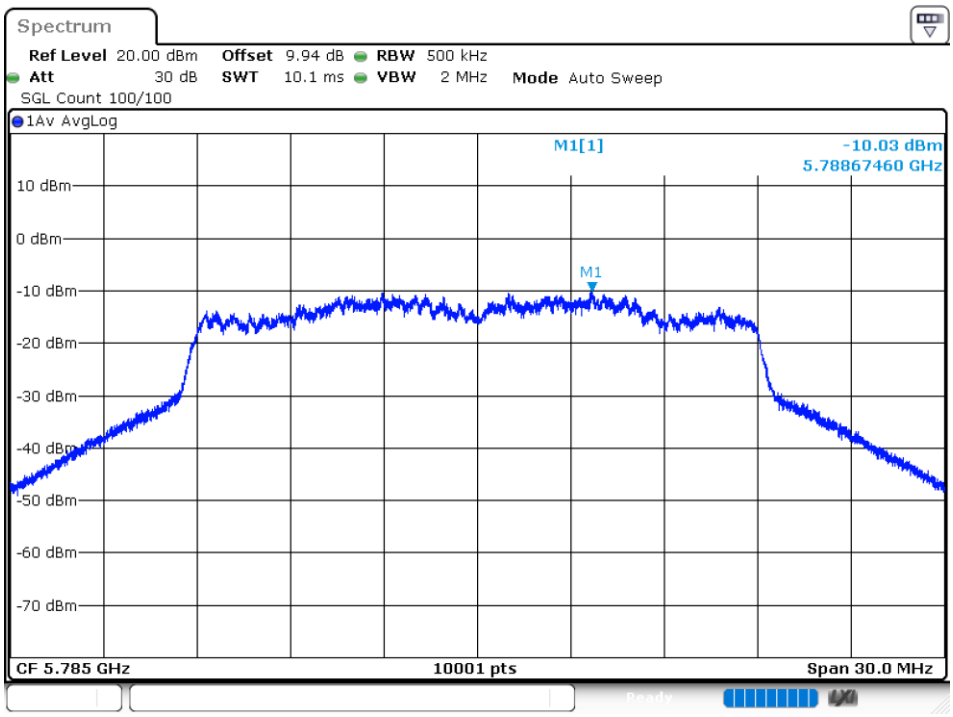
PSD NVNT a 5825MHz Ant2



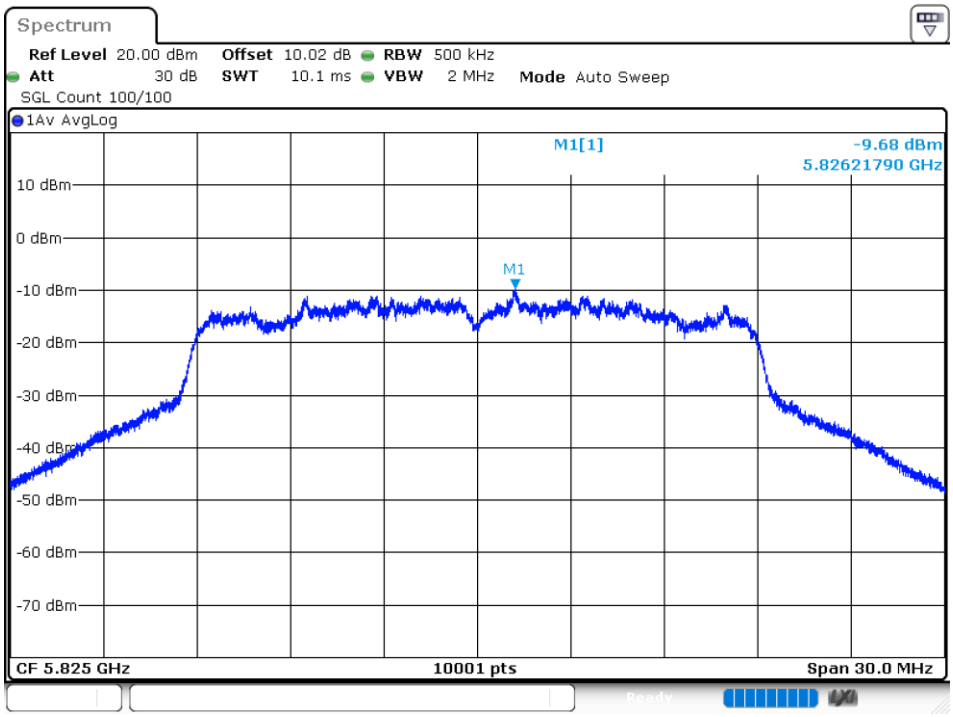
PSD NVNT n20 5745MHz Ant1



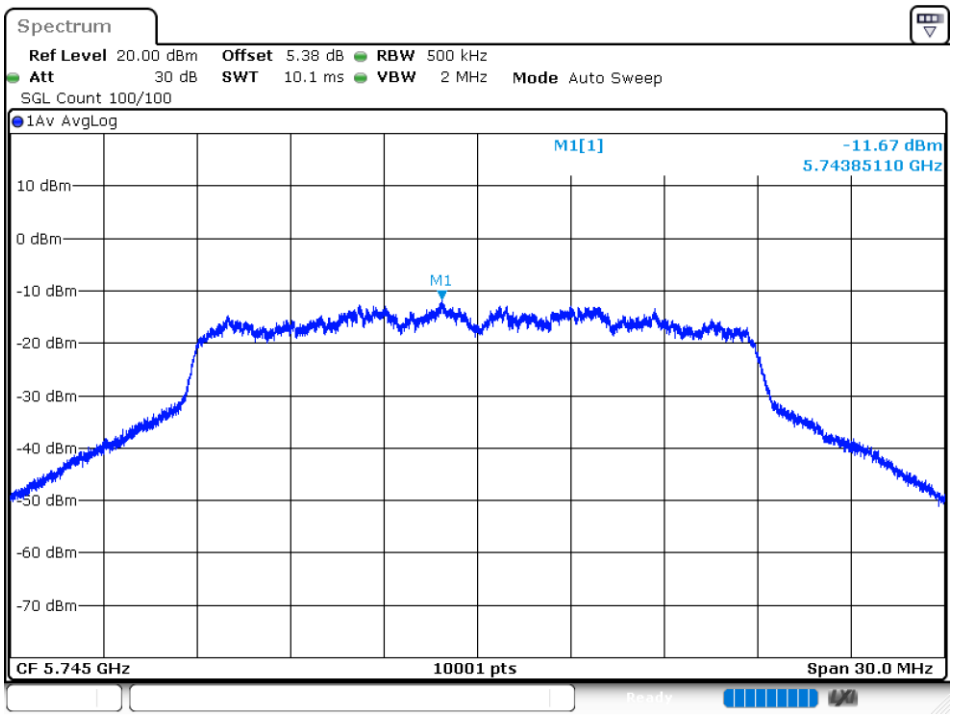
PSD NVNT n20 5785MHz Ant1



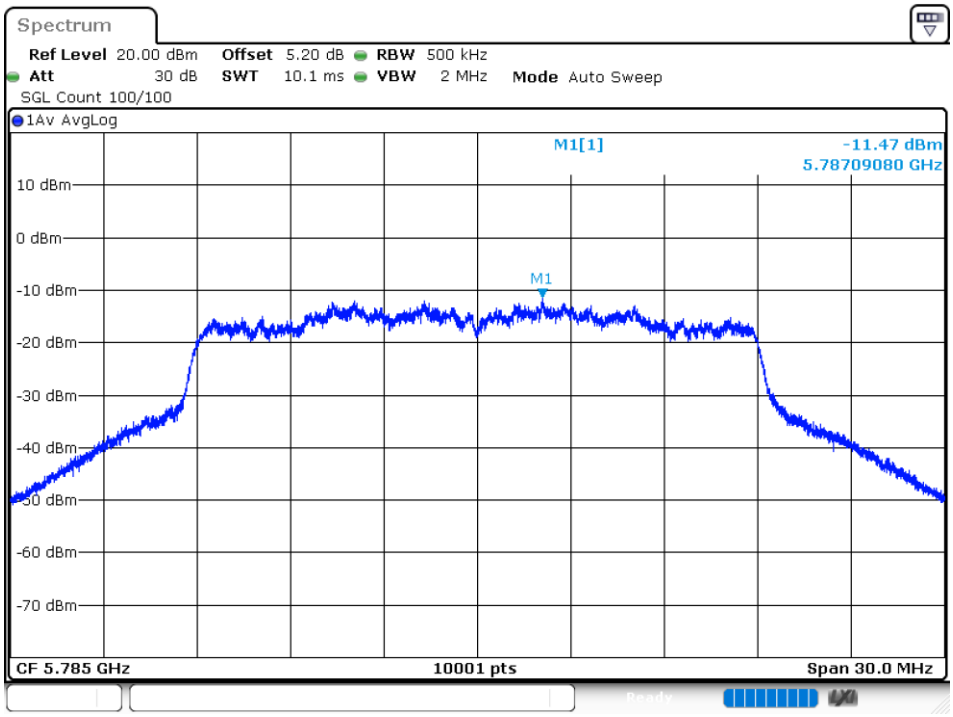
PSD NVNT n20 5825MHz Ant1



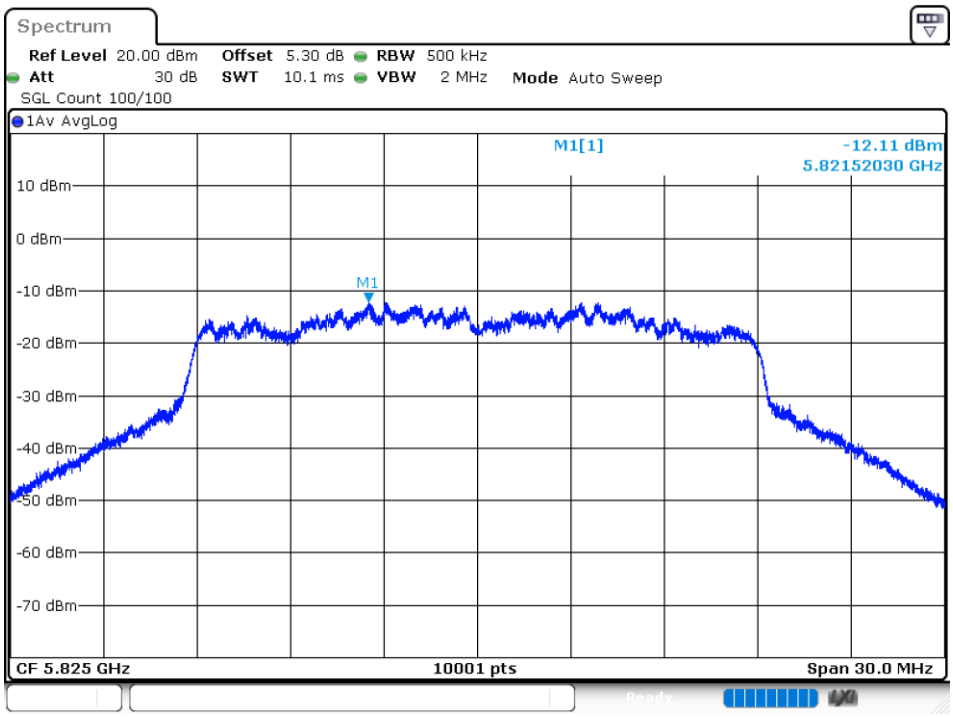
PSD NVNT n20 5745MHz Ant2



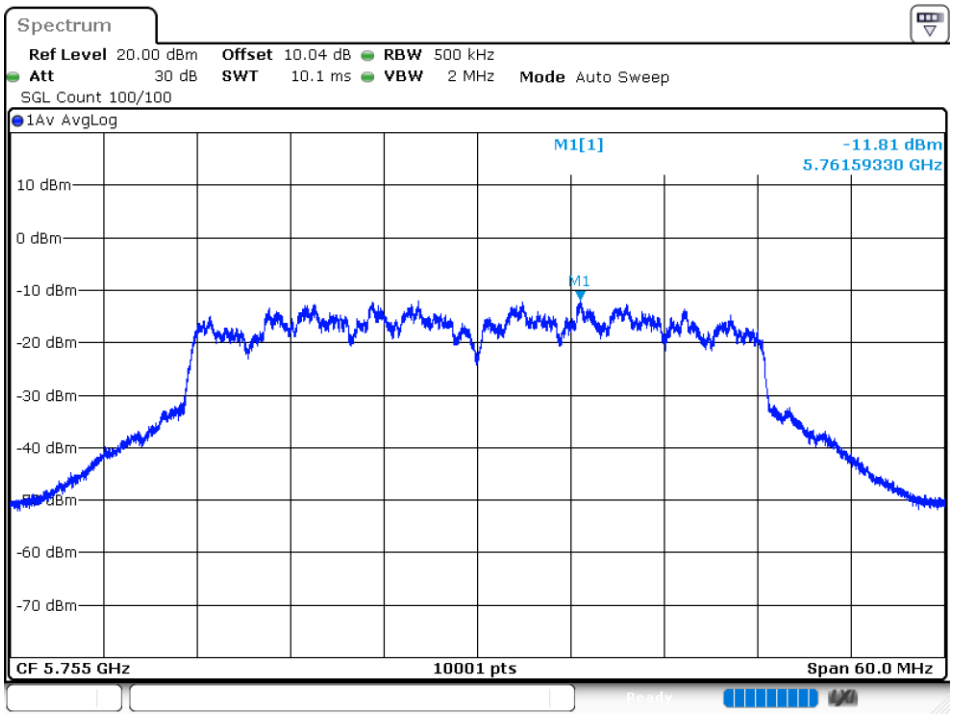
PSD NVNT n20 5785MHz Ant2



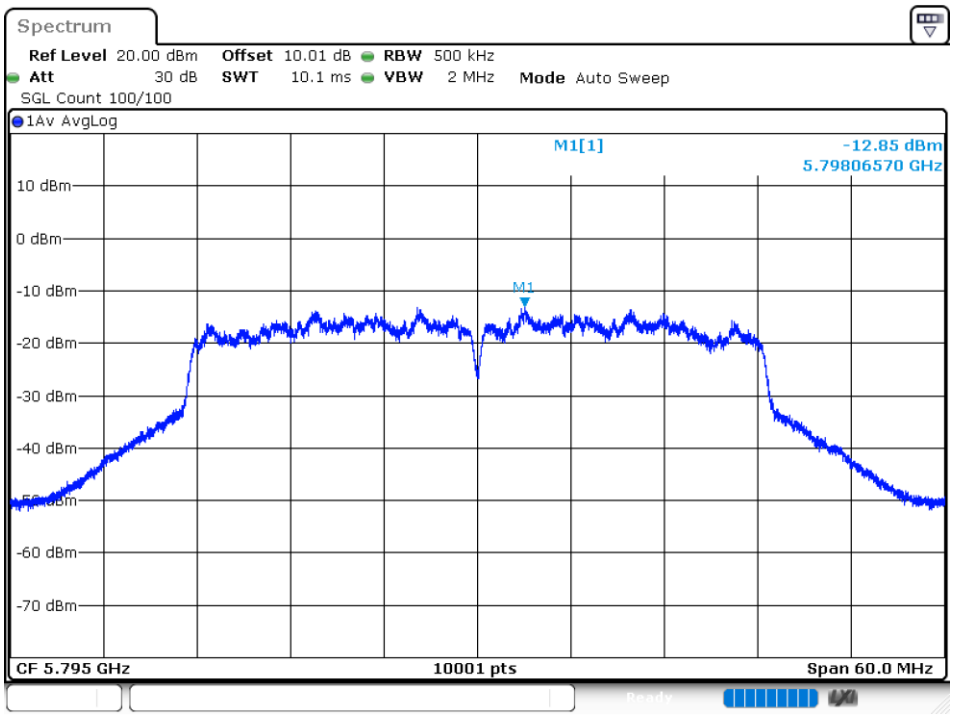
PSD NVNT n20 5825MHz Ant2



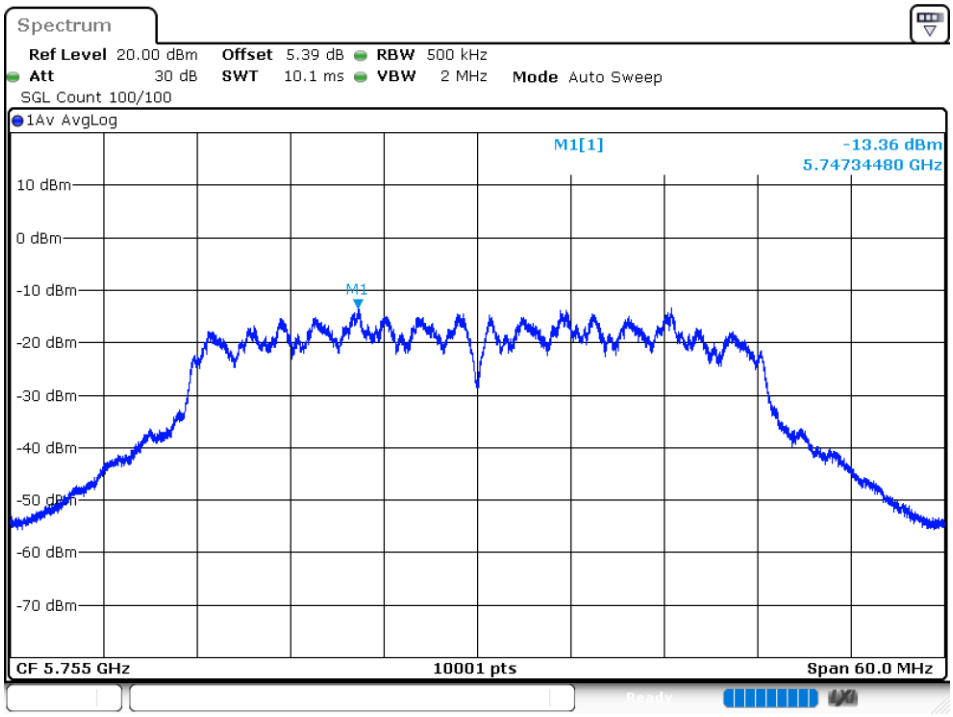
PSD NVNT n40 5755MHz Ant1



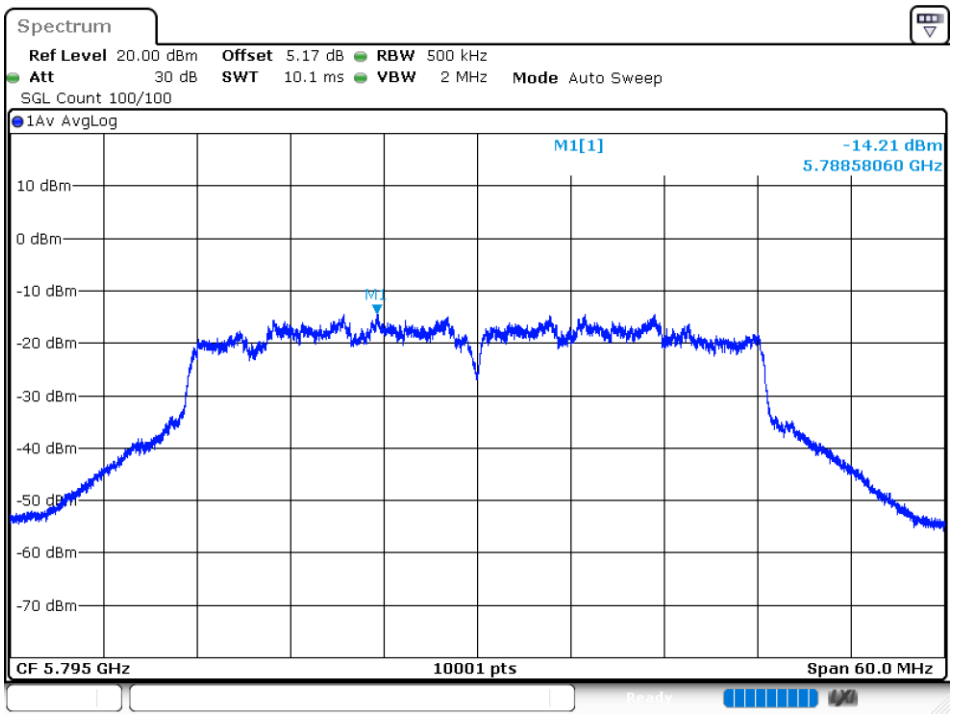
PSD NVNT n40 5795MHz Ant1



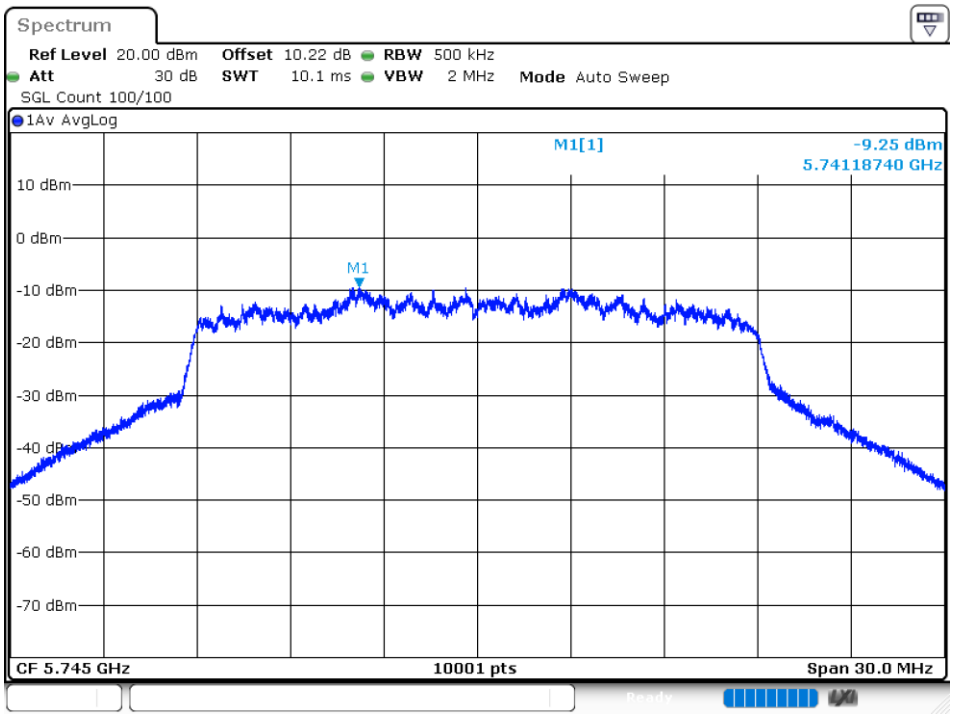
PSD NVNT n40 5755MHz Ant2



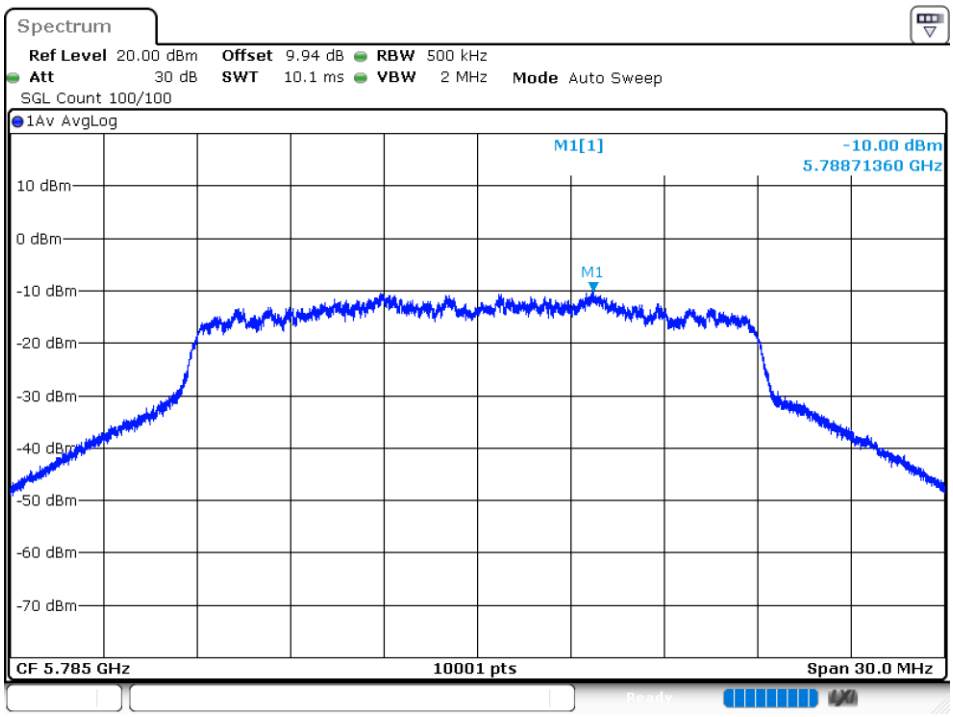
PSD NVNT n40 5795MHz Ant2



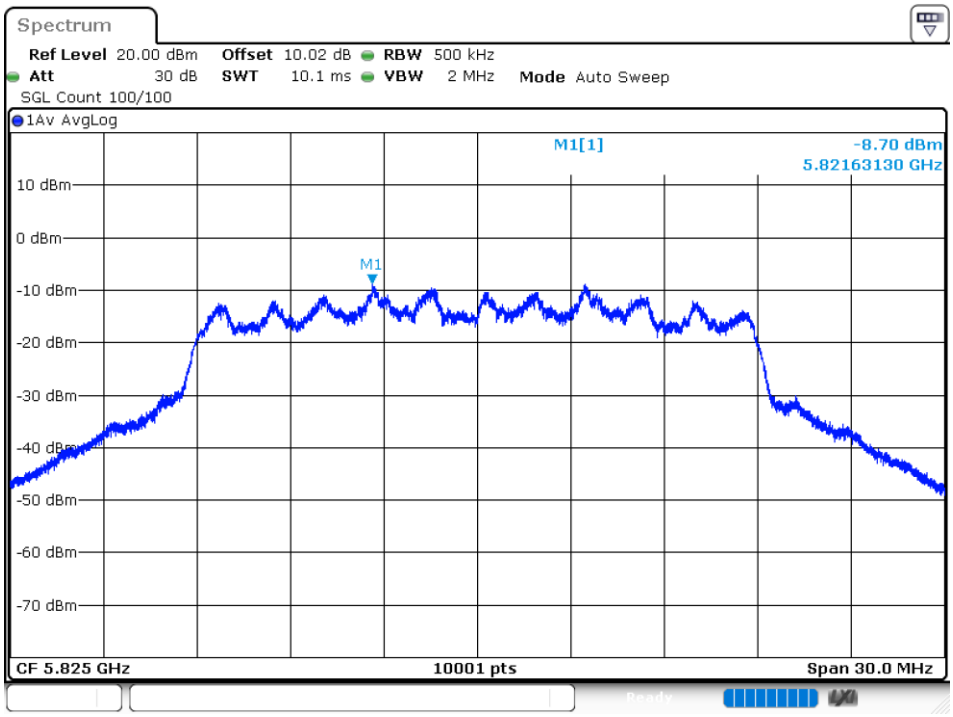
PSD NVNT ac20 5745MHz Ant1



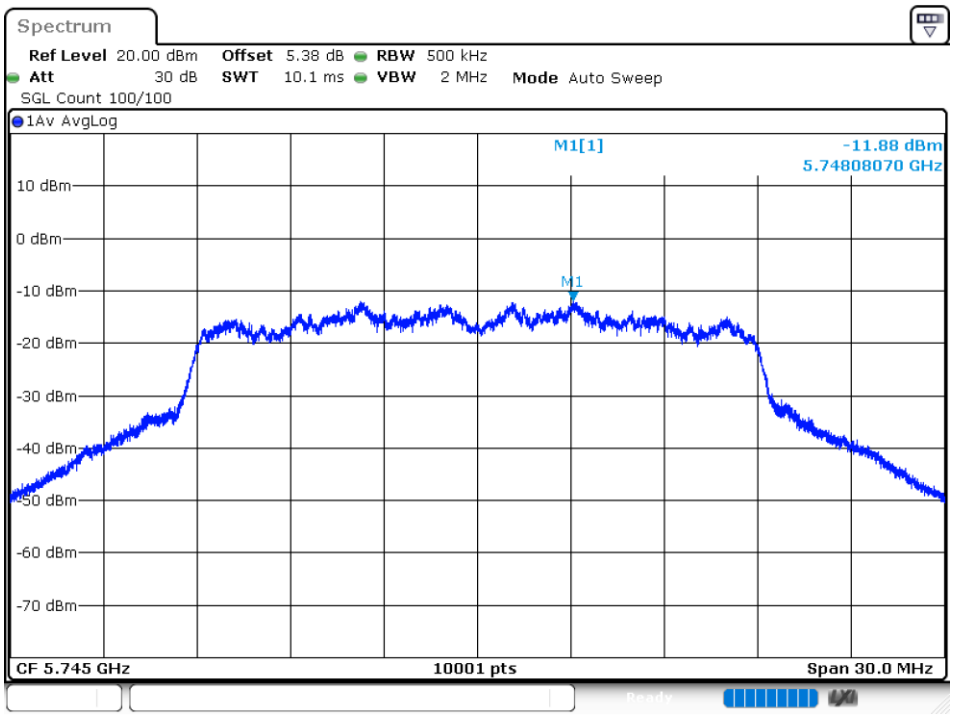
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac20 5745MHz Ant2



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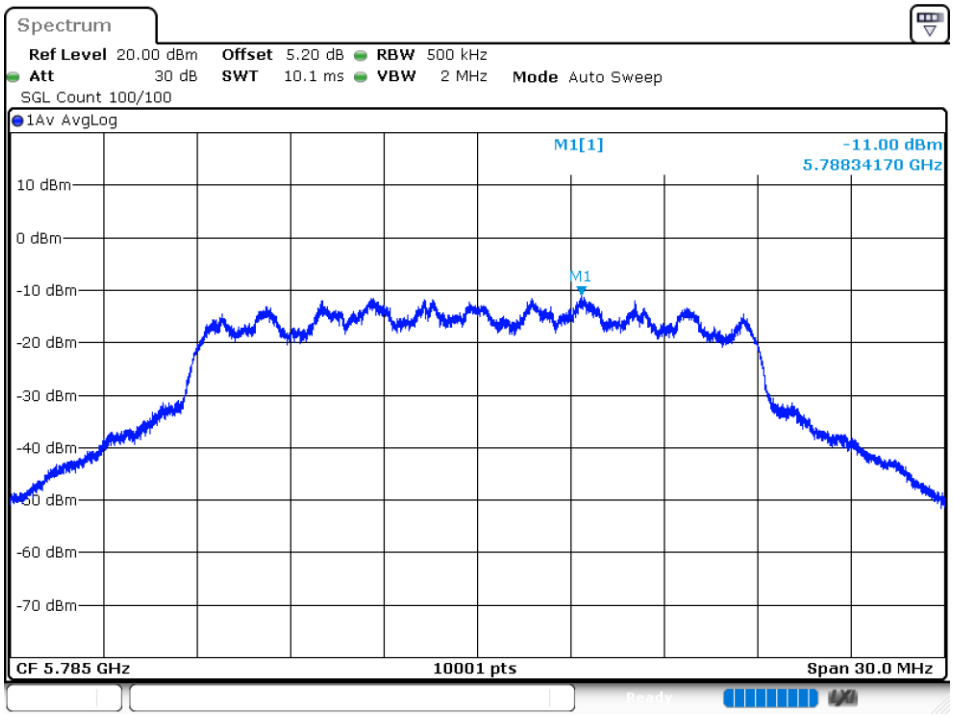
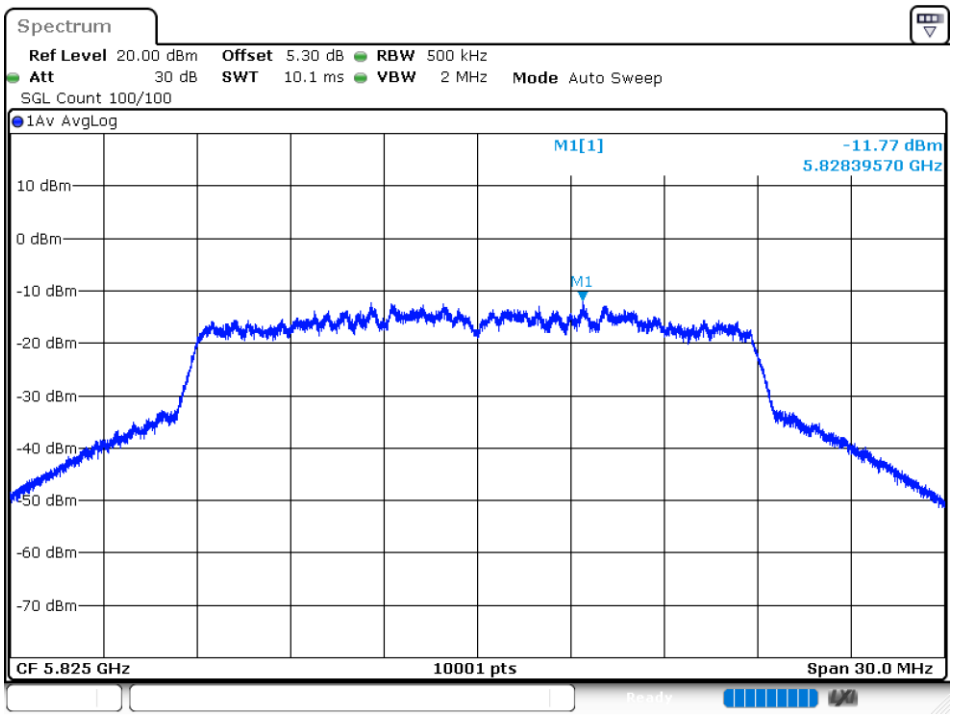
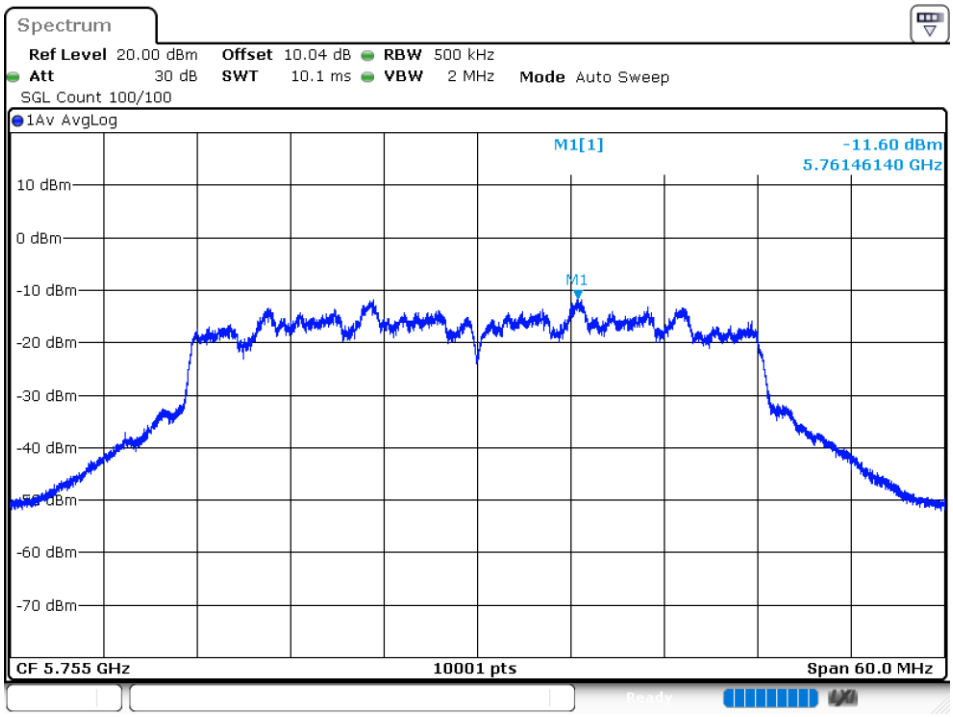


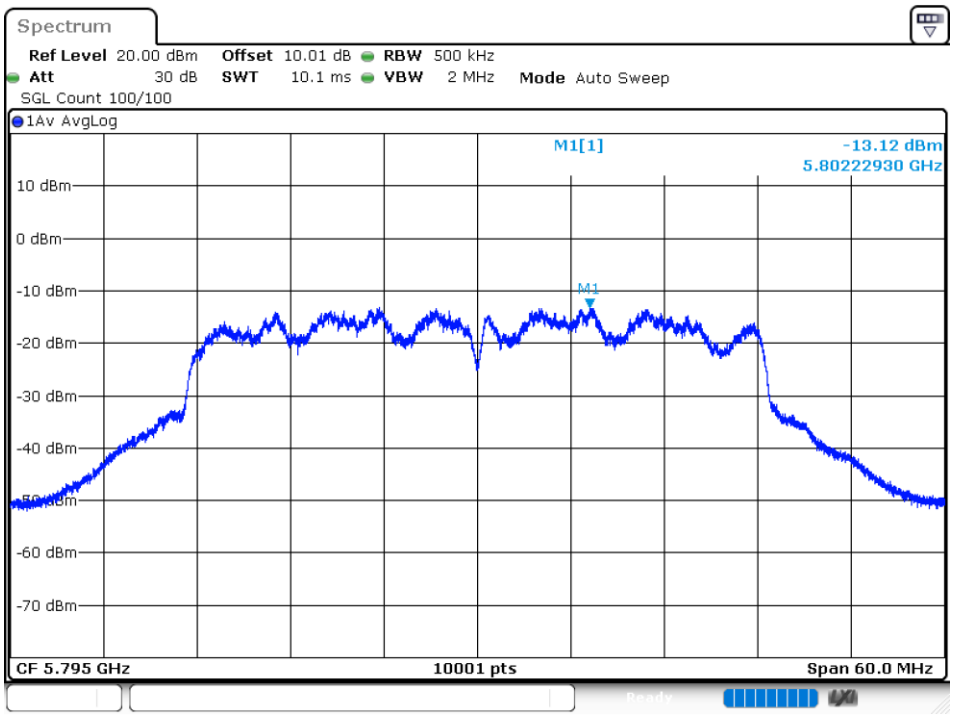
PSD NVNT ac20 5825MHz Ant2



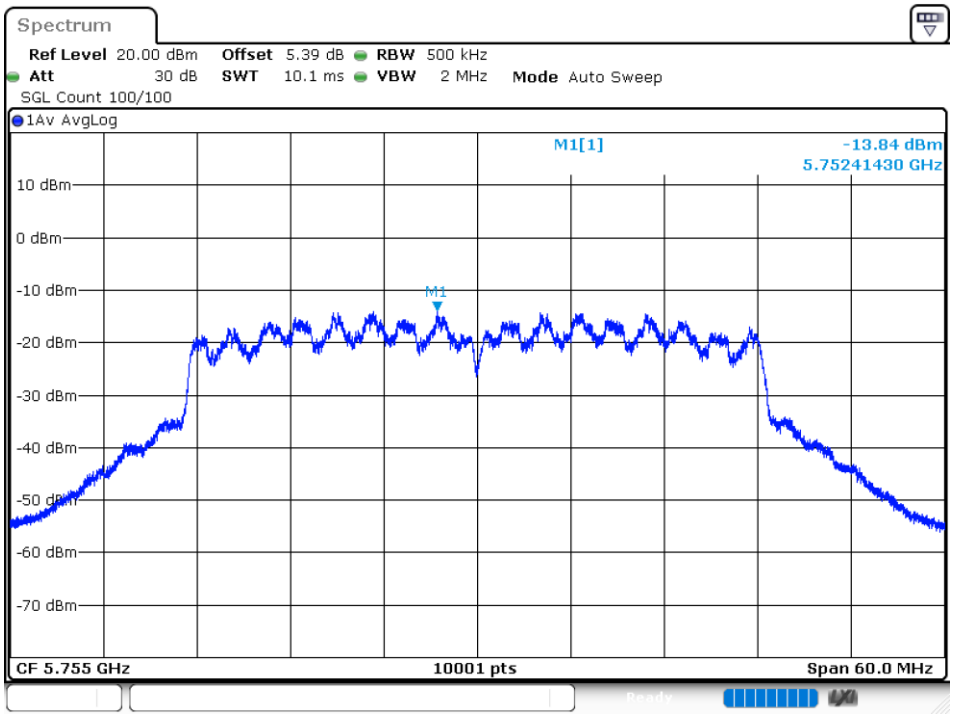
PSD NVNT ac40 5755MHz Ant1



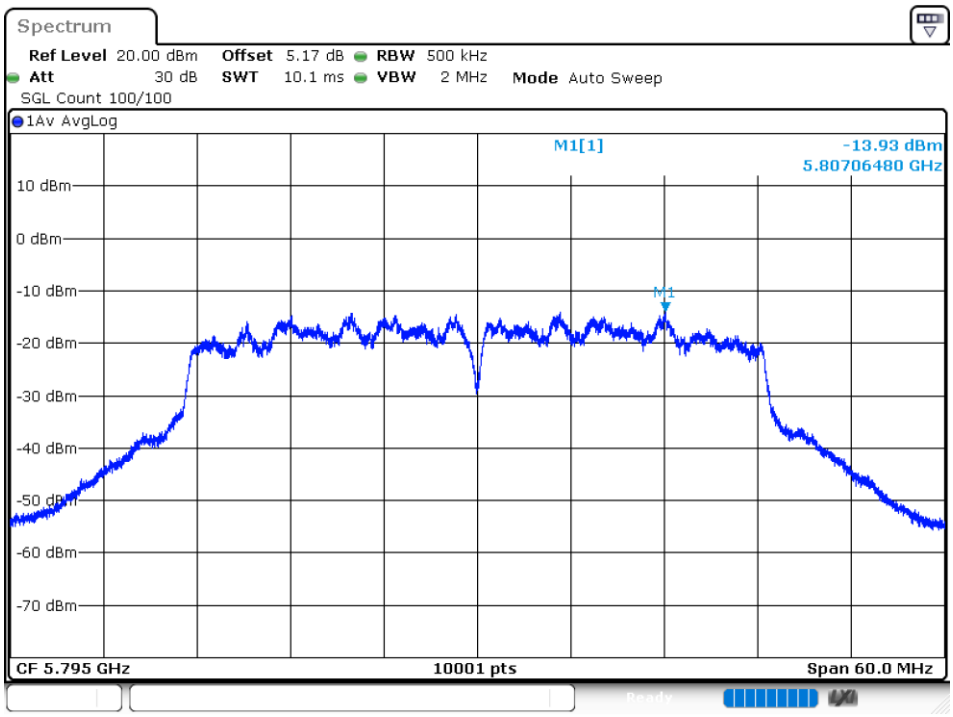
PSD NVNT ac40 5795MHz Ant1



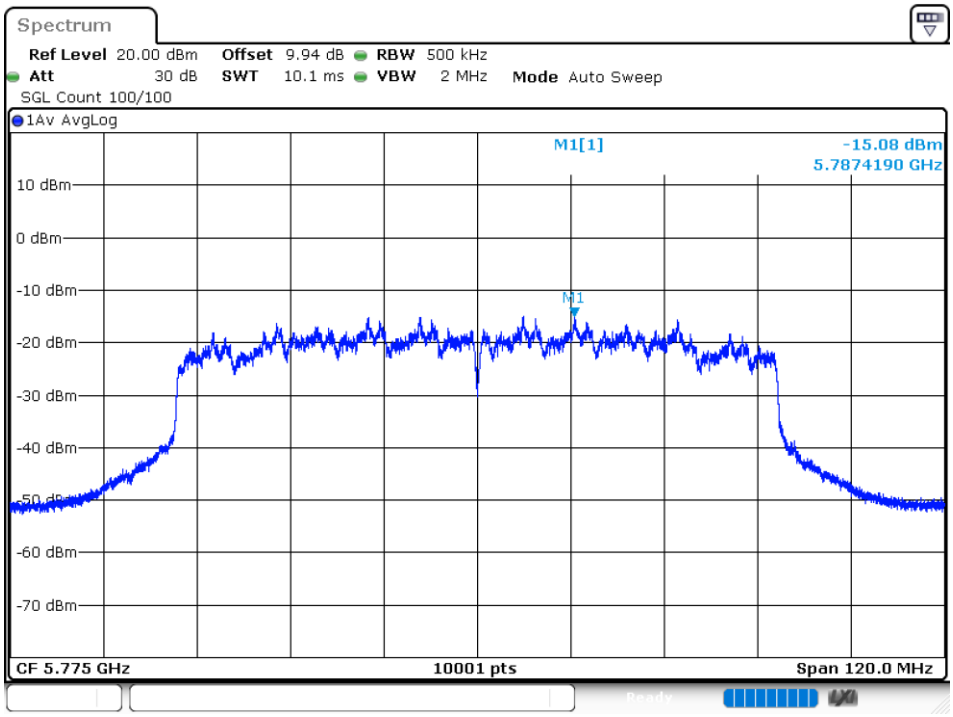
PSD NVNT ac40 5755MHz Ant2



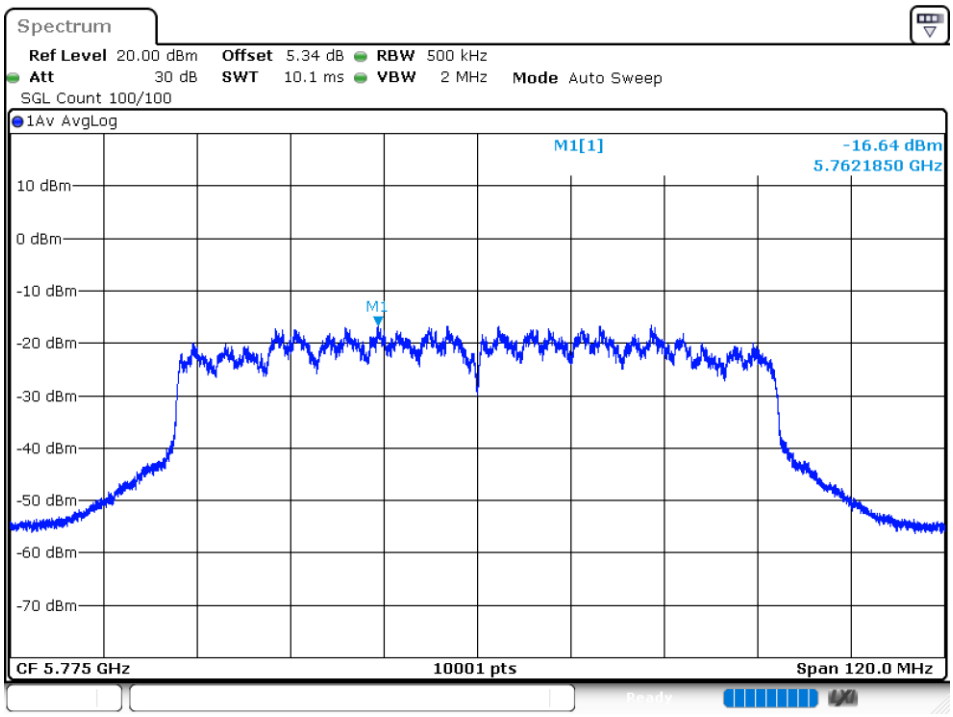
PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2

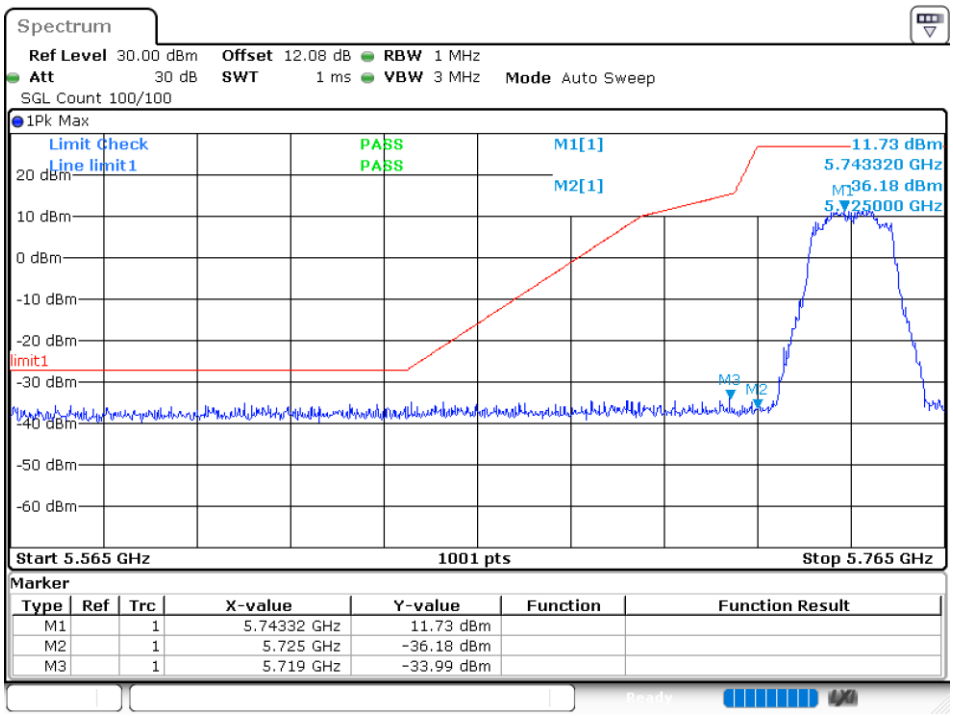


Band Edge

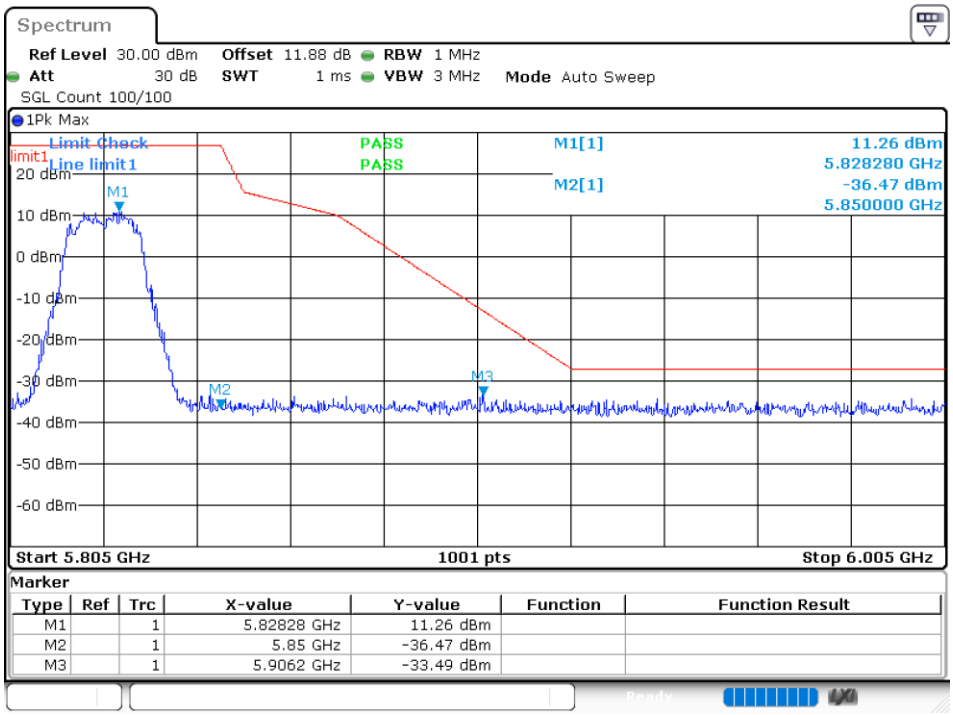
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-33.99	Pass
NVNT	a	5825	Ant1	-33.48	Pass
NVNT	a	5745	Ant2	-35.41	Pass
NVNT	a	5825	Ant2	-37.57	Pass
NVNT	n20	5745	Ant1	-33.09	Pass
NVNT	n20	5825	Ant1	-32.75	Pass
NVNT	n20	5745	Ant2	-36.23	Pass
NVNT	n20	5825	Ant2	-36.92	Pass
NVNT	n40	5755	Ant1	-33.4	Pass
NVNT	n40	5795	Ant1	-34.1	Pass
NVNT	n40	5755	Ant2	-36.3	Pass
NVNT	n40	5795	Ant2	-37.16	Pass
NVNT	ac20	5745	Ant1	-33.61	Pass
NVNT	ac20	5825	Ant1	-33.41	Pass
NVNT	ac20	5745	Ant2	-35.57	Pass
NVNT	ac20	5825	Ant2	-36.85	Pass
NVNT	ac40	5755	Ant1	-33.73	Pass
NVNT	ac40	5795	Ant1	-32.92	Pass
NVNT	ac40	5755	Ant2	-37.35	Pass
NVNT	ac40	5795	Ant2	-37.92	Pass
NVNT	ac80	5775	Ant1	-34.06	Pass
NVNT	ac80	5775	Ant2	-37.35	Pass

Test Graphs

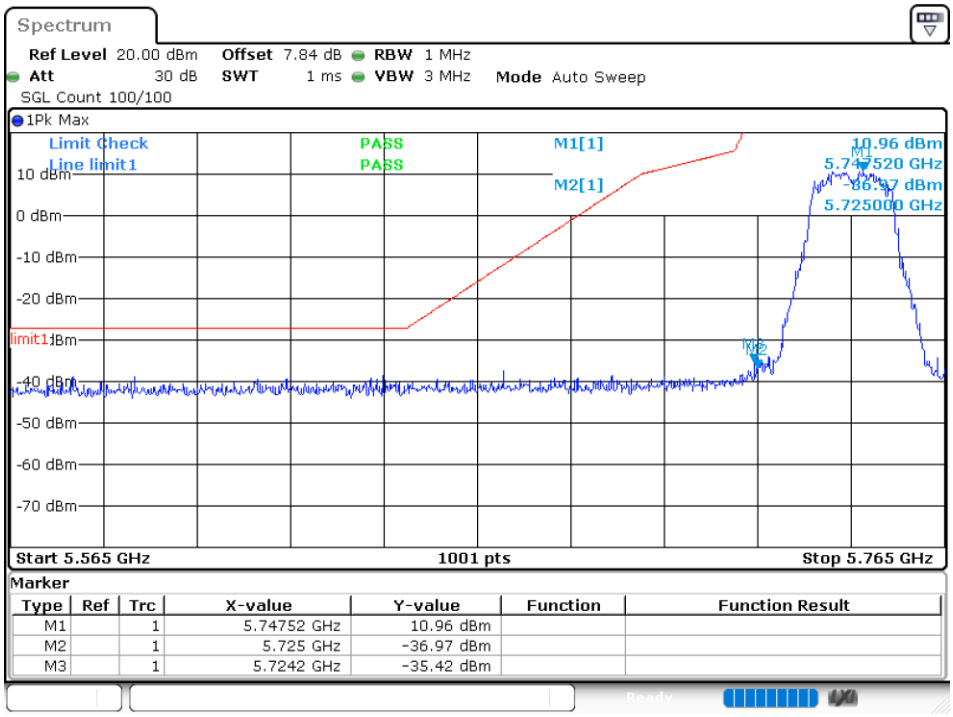
Band Edge NVNT a 5745MHz Low Ant1



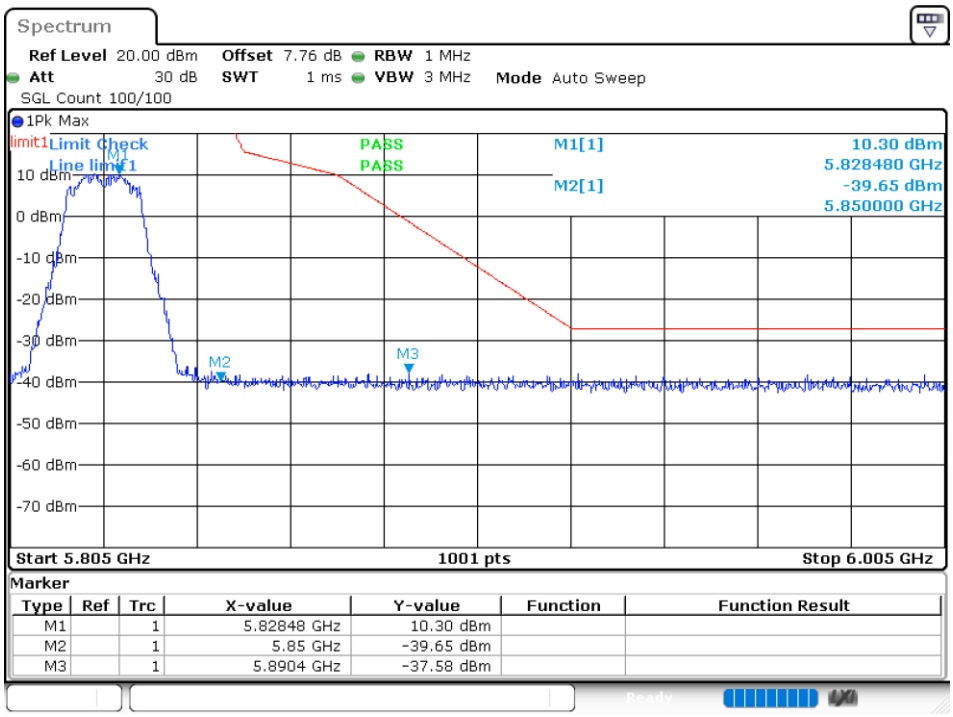
Band Edge NVNT a 5825MHz High Ant1



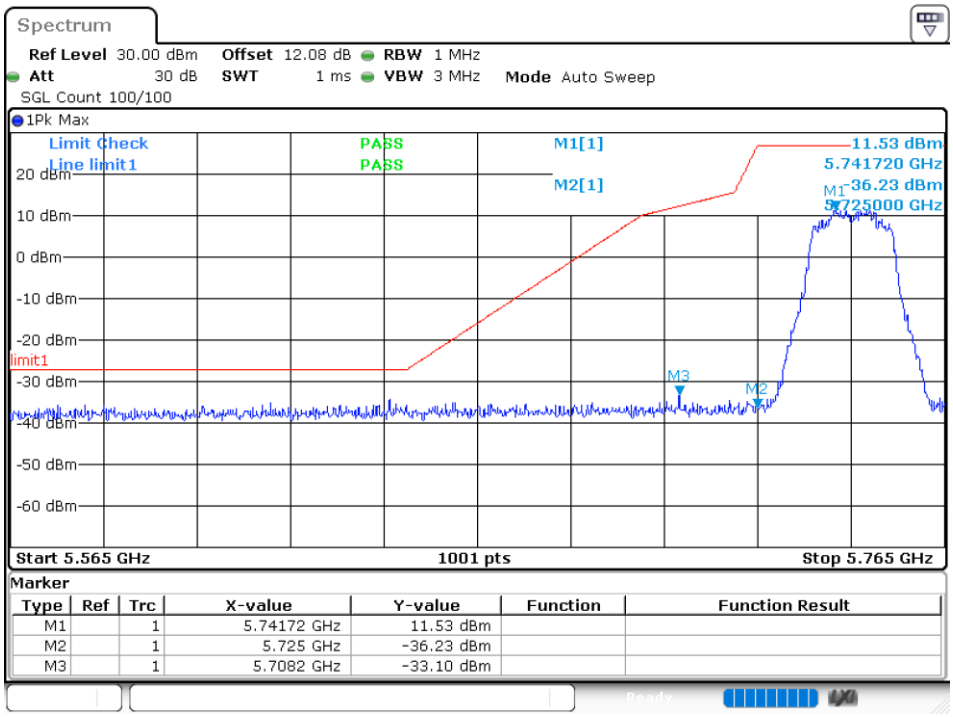
Band Edge NVNT a 5745MHz Low Ant2



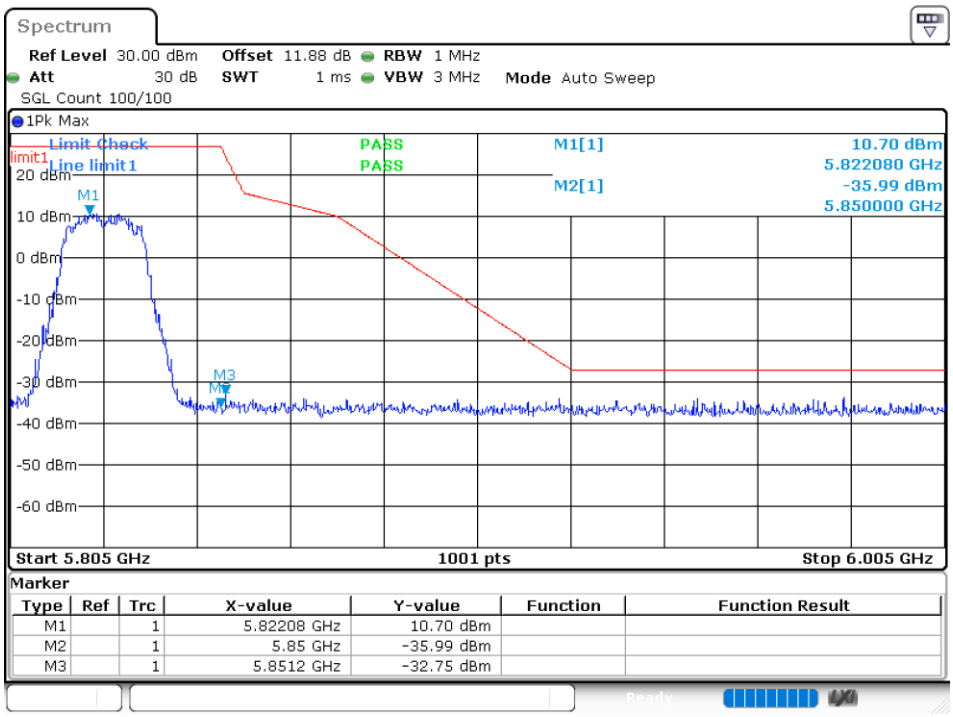
Band Edge NVNT a 5825MHz High Ant2



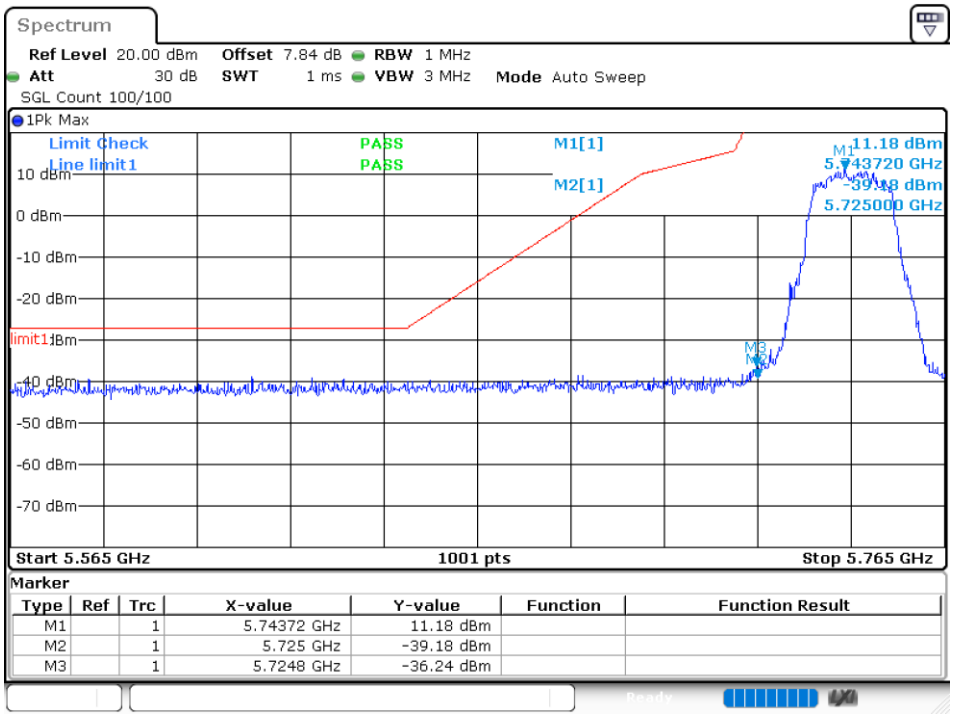
Band Edge NVNT n20 5745MHz Low Ant1



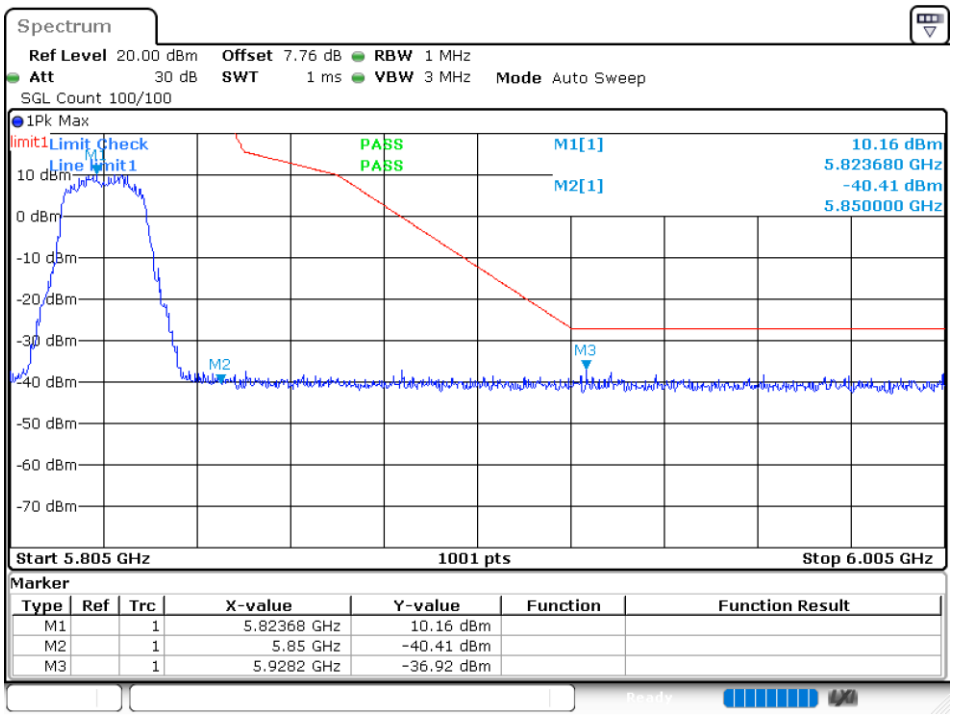
Band Edge NVNT n20 5825MHz High Ant1



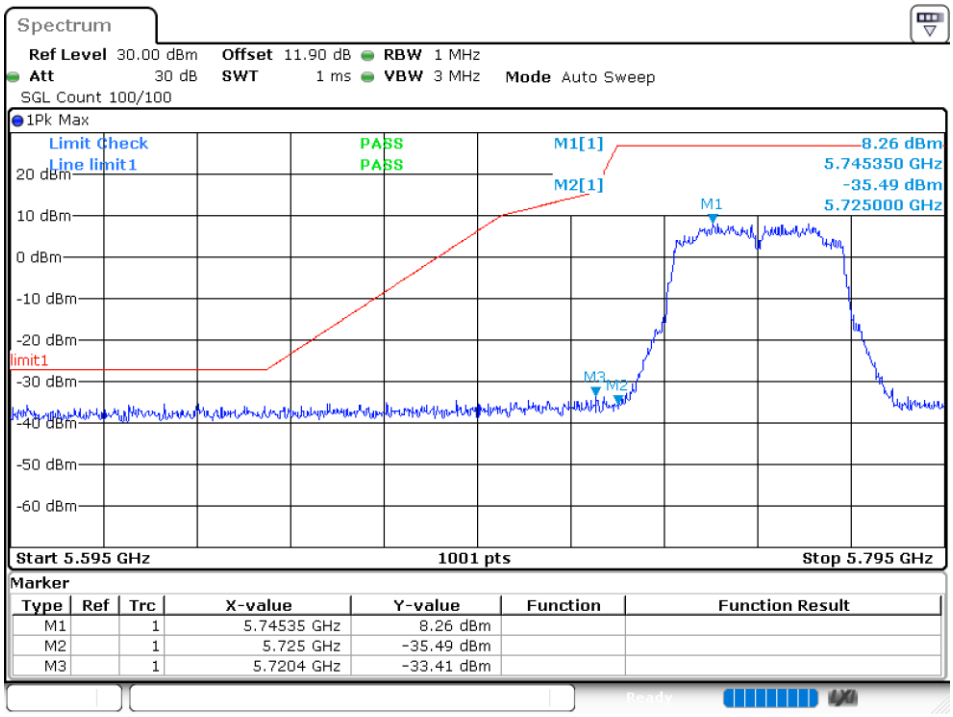
Band Edge NVNT n20 5745MHz Low Ant2



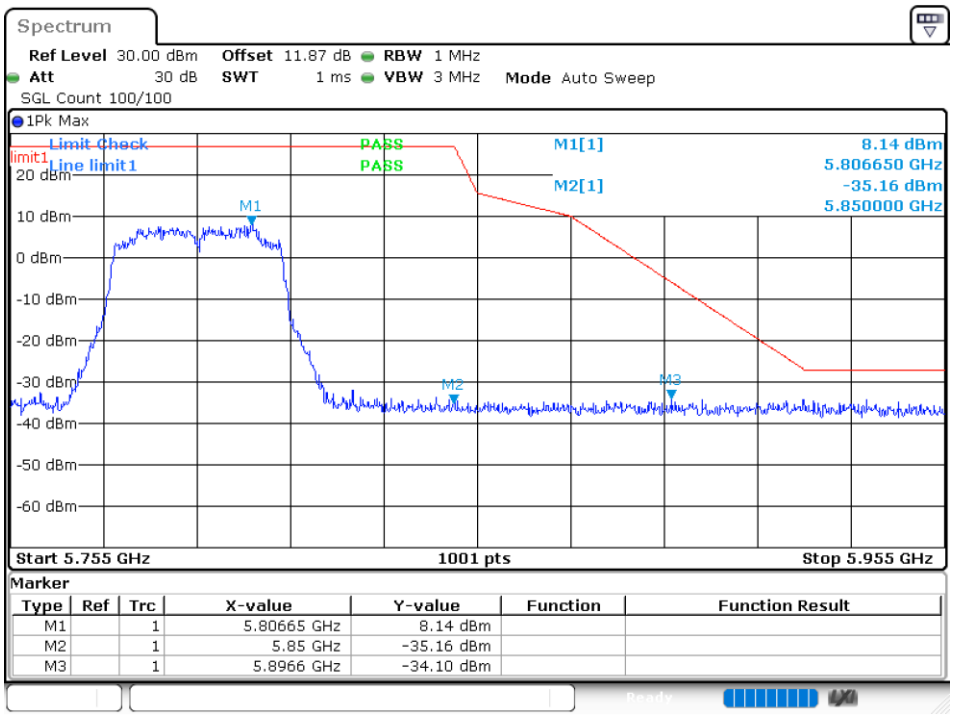
Band Edge NVNT n20 5825MHz High Ant2



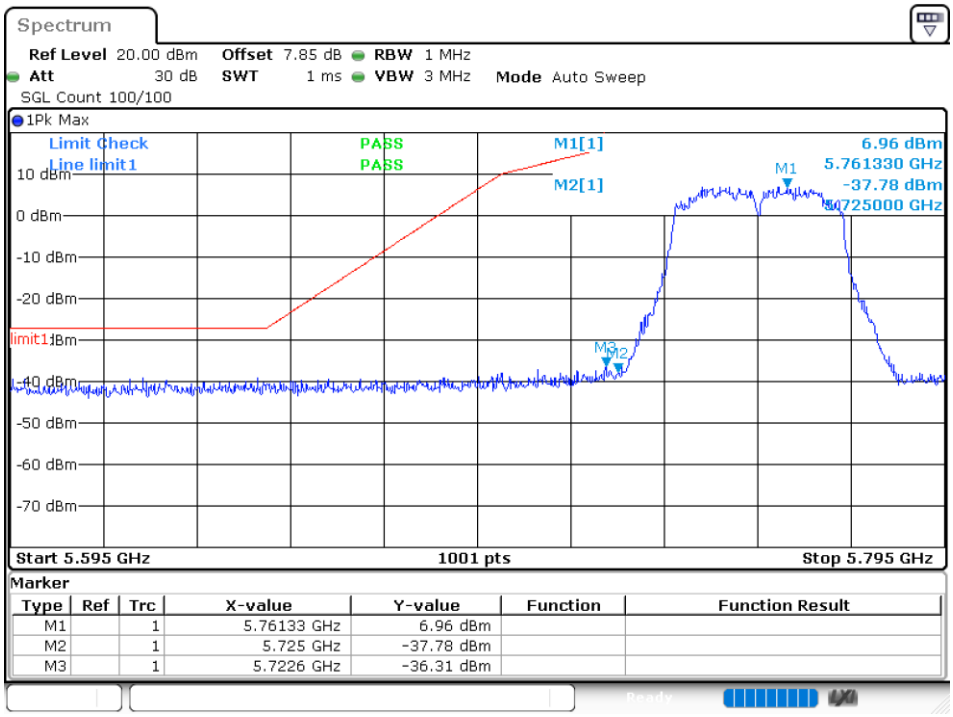
Band Edge NVNT n40 5755MHz Low Ant1



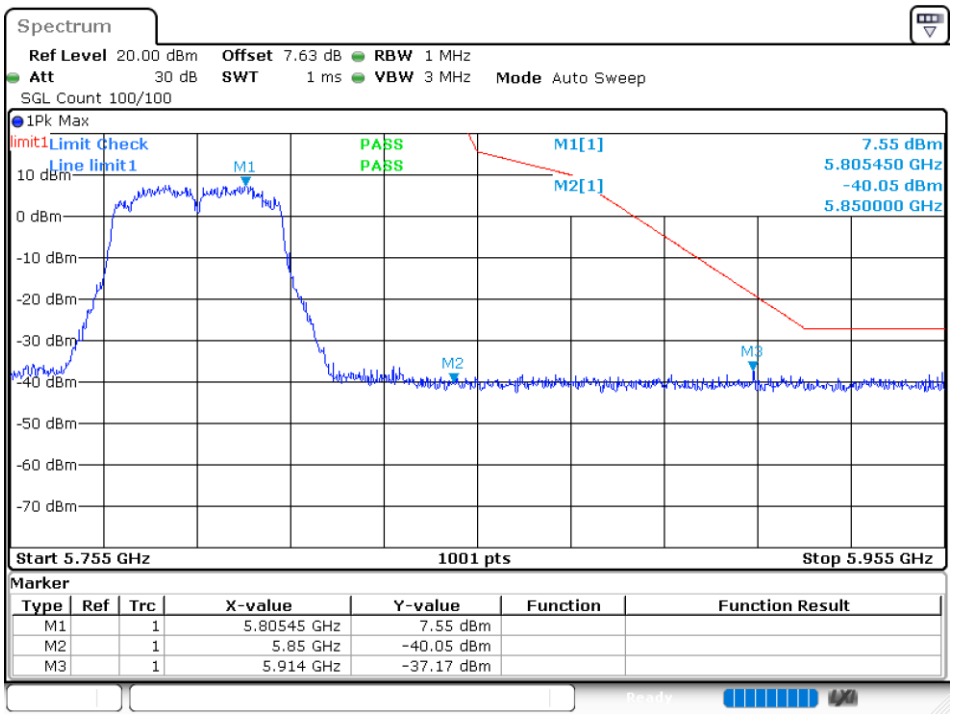
Band Edge NVNT n40 5795MHz High Ant1



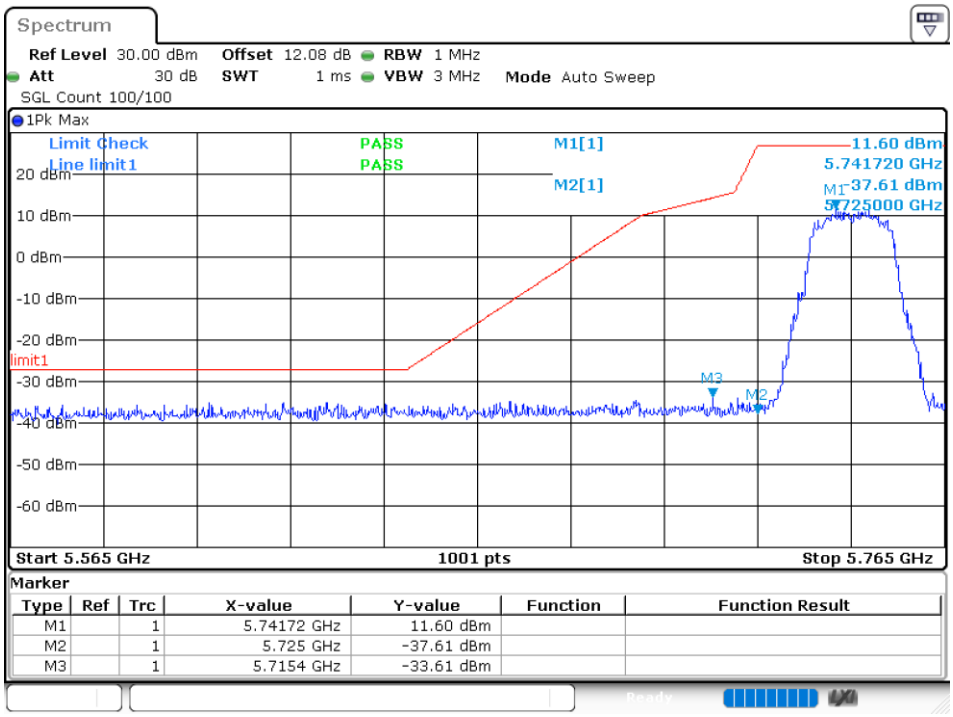
Band Edge NVNT n40 5755MHz Low Ant2



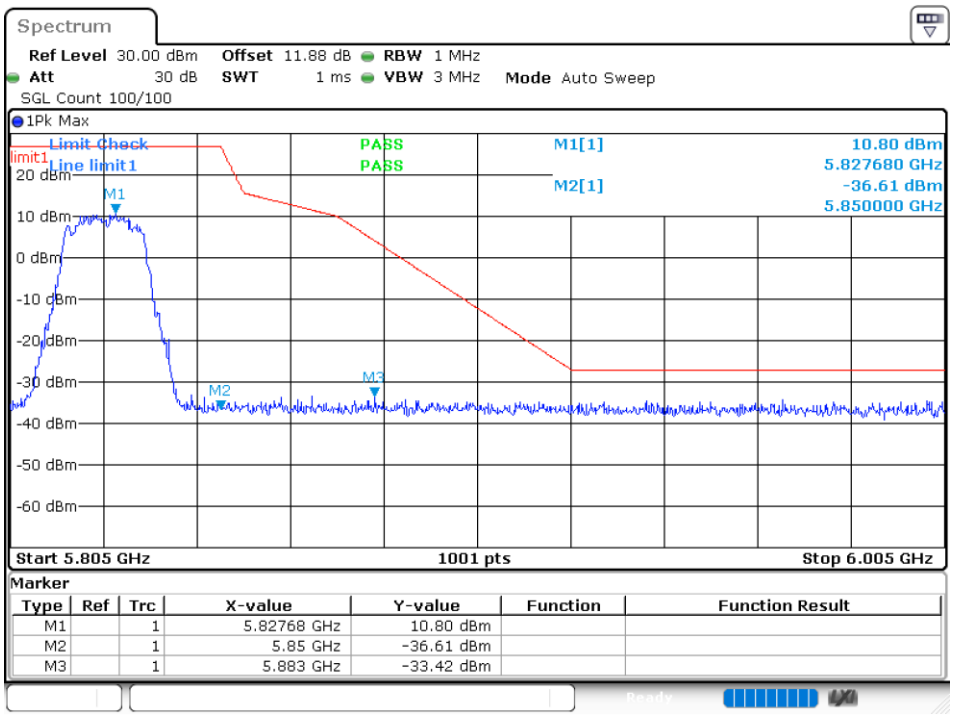
Band Edge NVNT n40 5795MHz High Ant2



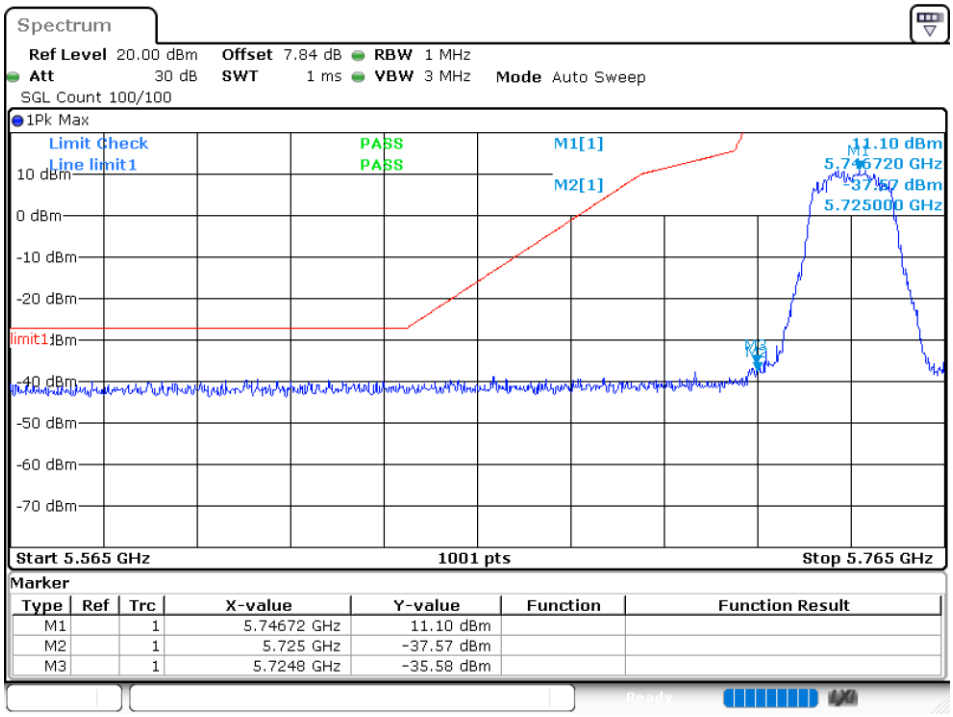
Band Edge NVNT ac20 5745MHz Low Ant1



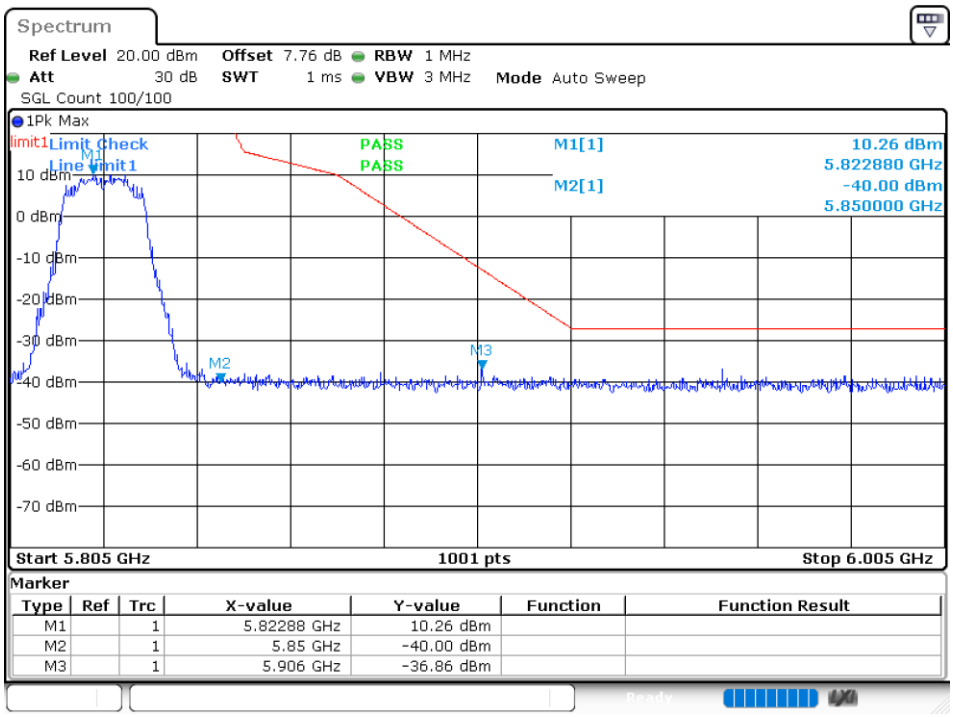
Band Edge NVNT ac20 5825MHz High Ant1



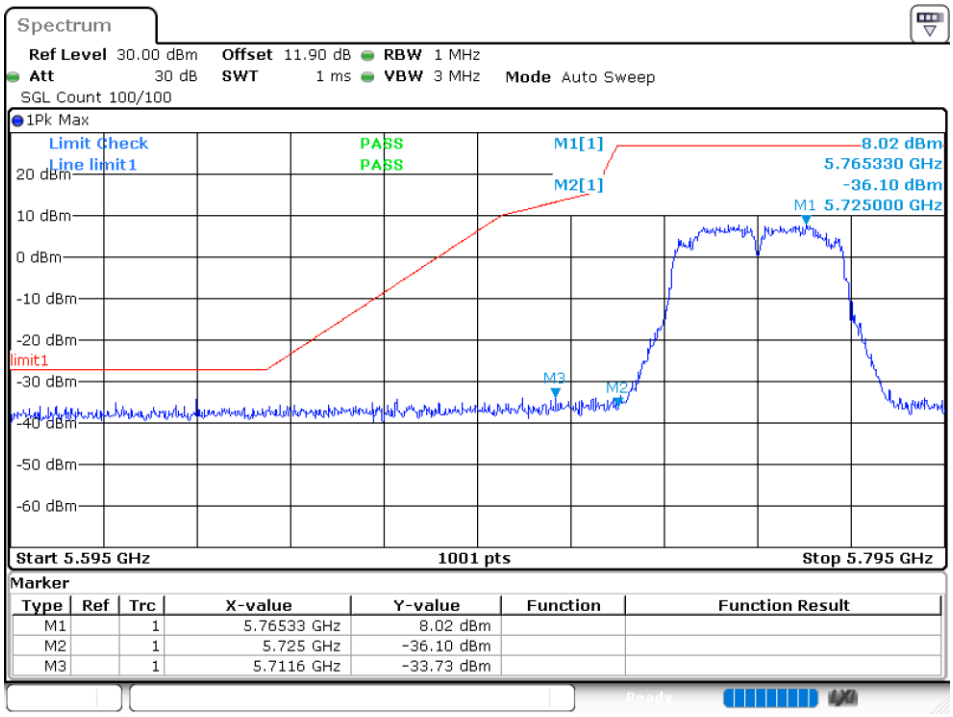
Band Edge NVNT ac20 5745MHz Low Ant2



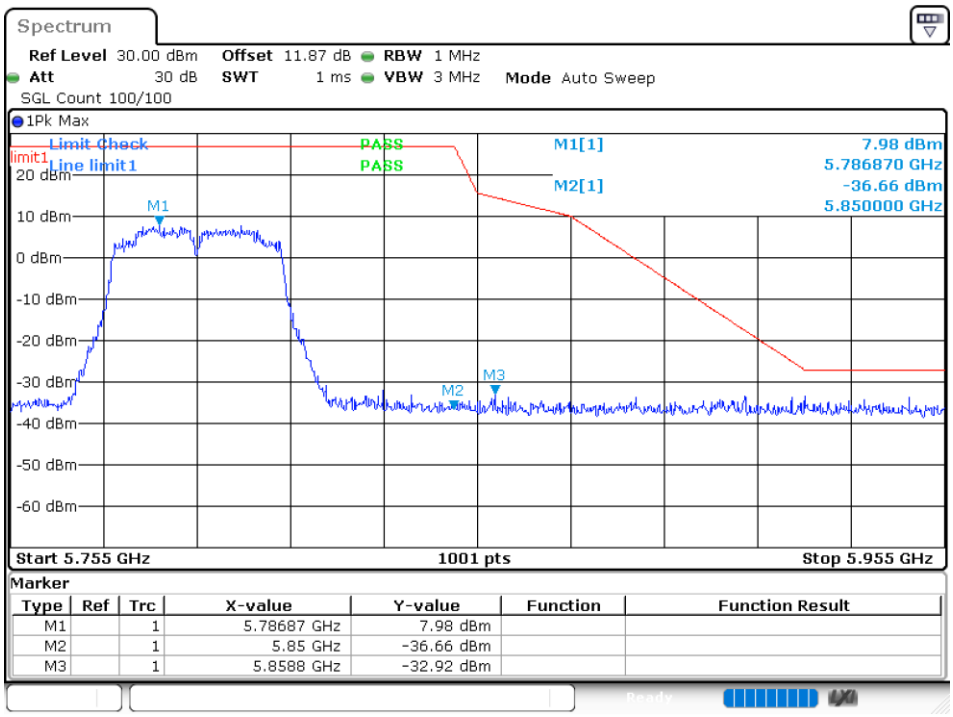
Band Edge NVNT ac20 5825MHz High Ant2



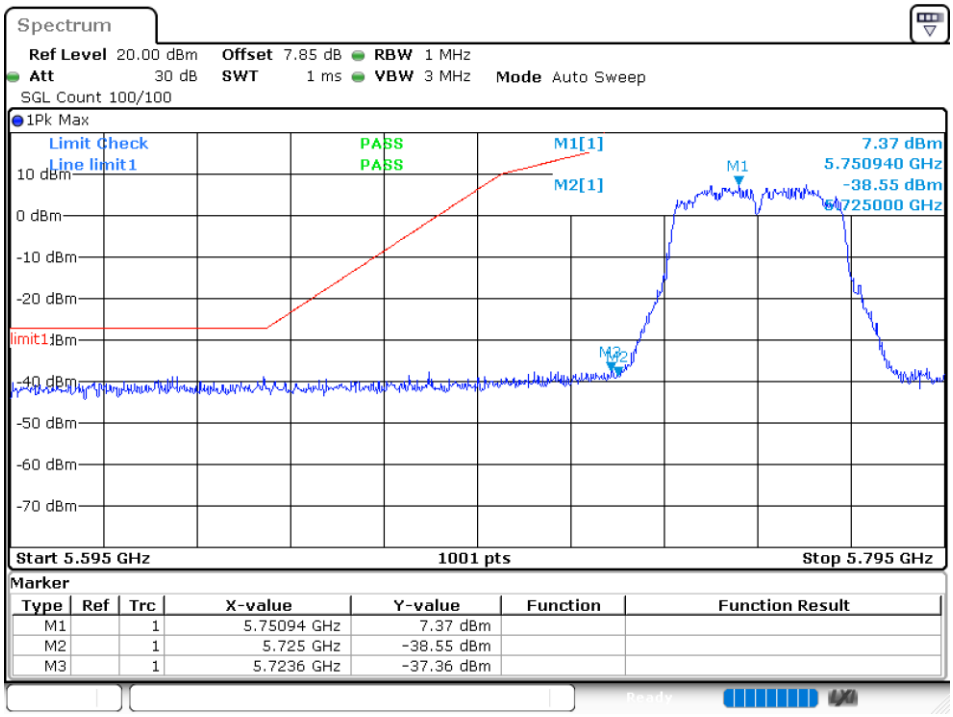
Band Edge NVNT ac40 5755MHz Low Ant1



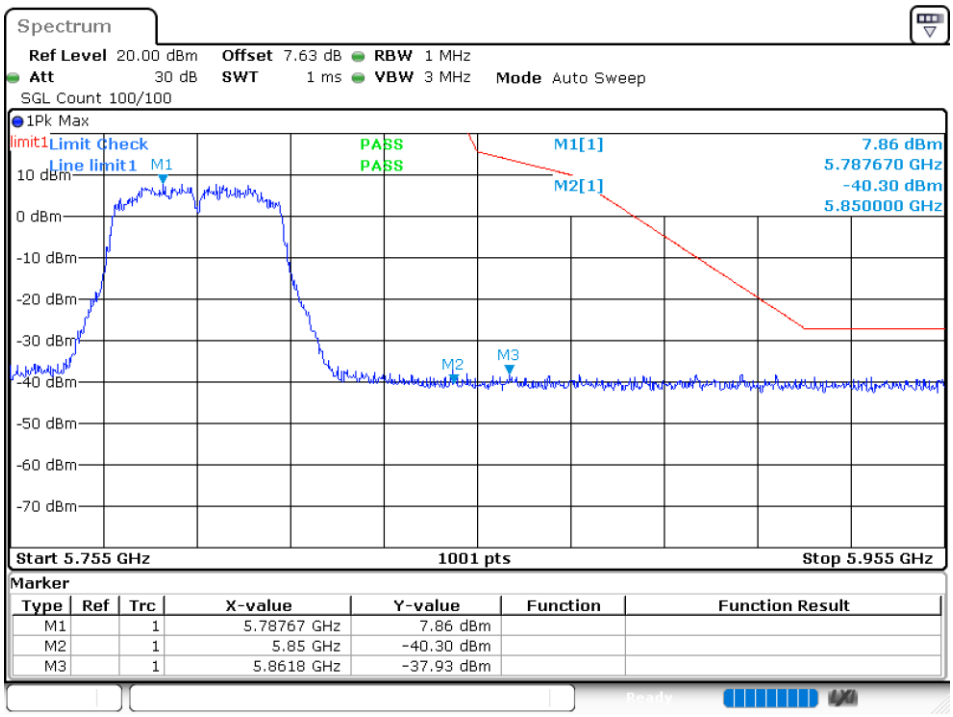
Band Edge NVNT ac40 5795MHz High Ant1



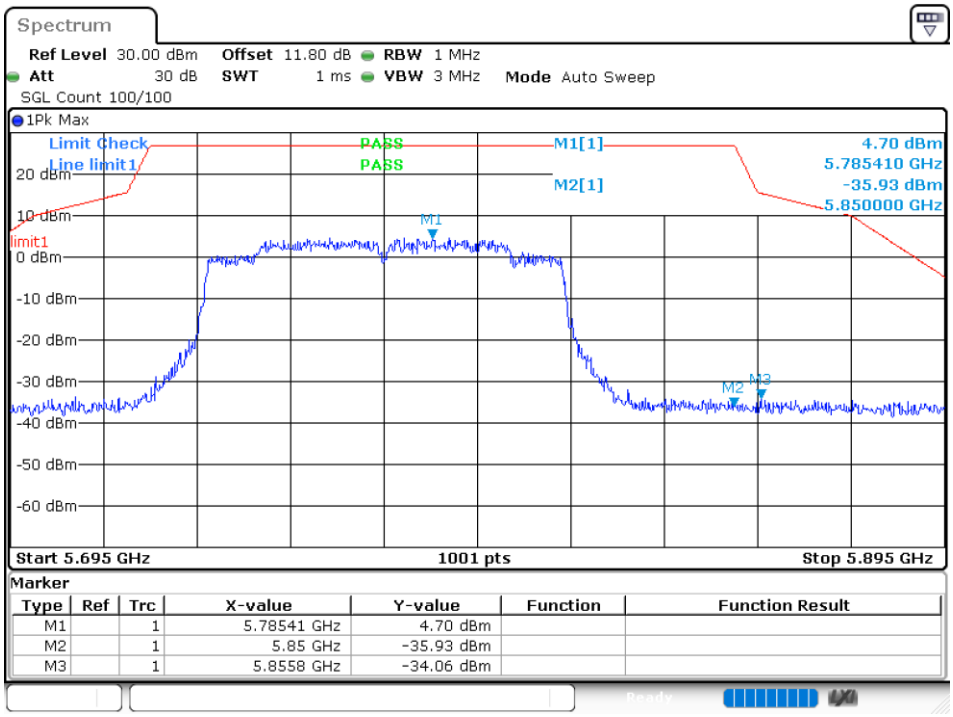
Band Edge NVNT ac40 5755MHz Low Ant2



Band Edge NVNT ac40 5795MHz High Ant2



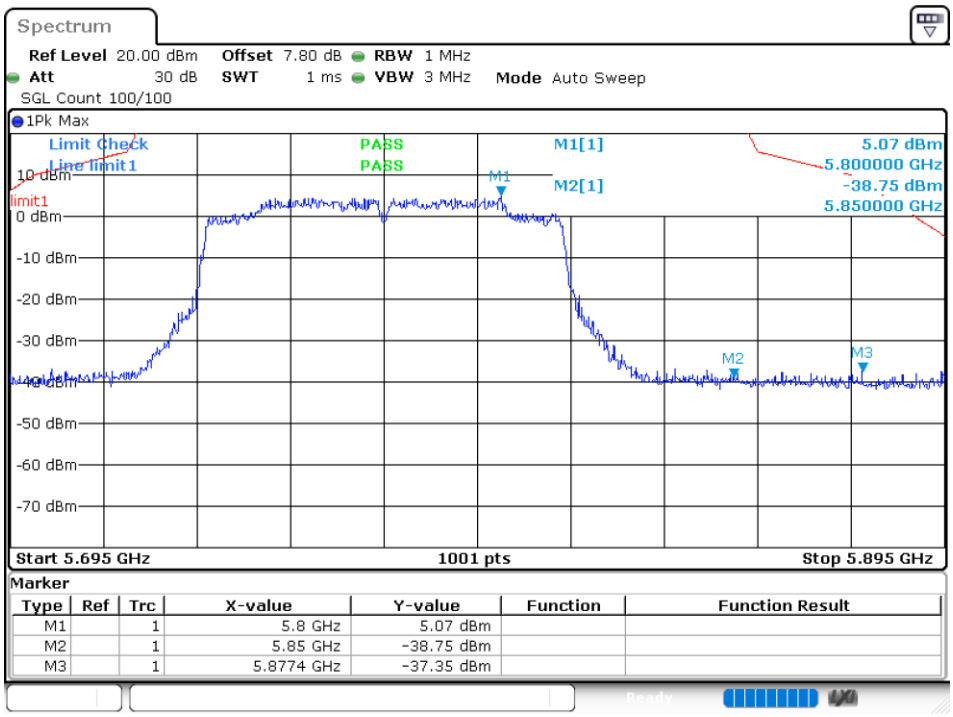
Band Edge NVNT ac80 5775MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.78541 GHz	4.70 dBm		
M2		1	5.85 GHz	-35.93 dBm		
M3		1	5.8558 GHz	-34.06 dBm		

Band Edge NVNT ac80 5775MHz High Ant2



Marker

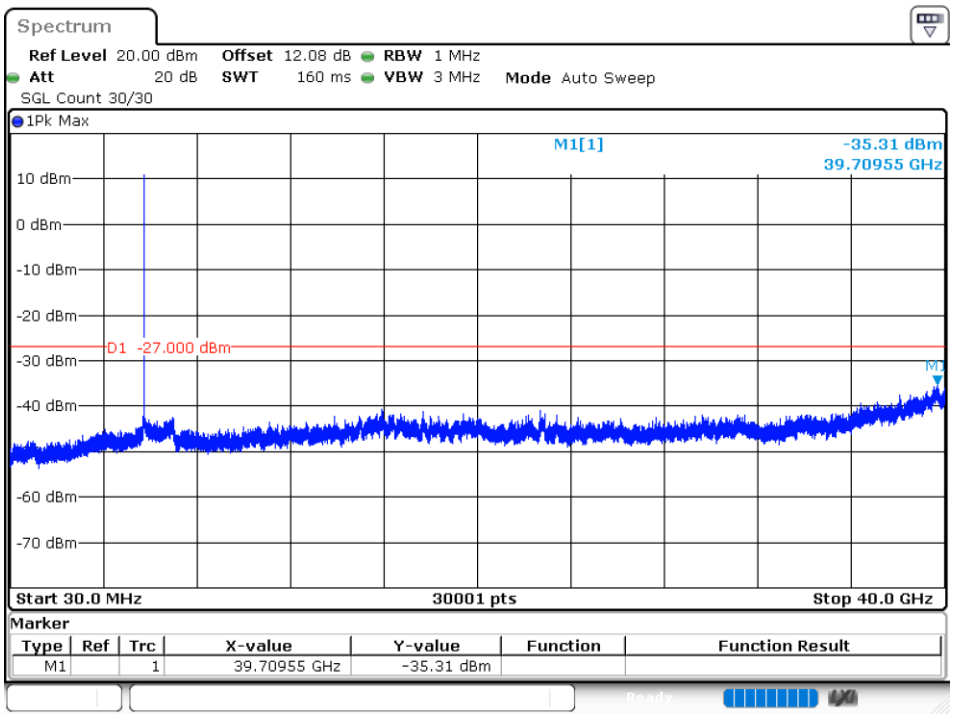
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8 GHz	5.07 dBm		
M2		1	5.85 GHz	-38.75 dBm		
M3		1	5.8774 GHz	-37.35 dBm		

Conducted RF Spurious Emission

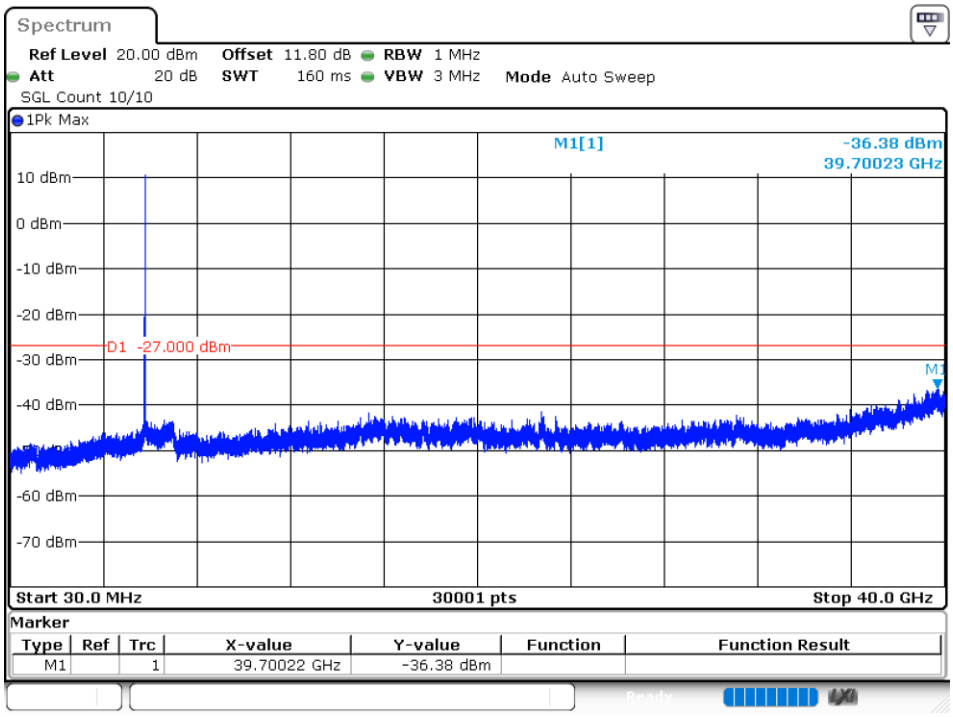
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-35.3	-27	Pass
NVNT	a	5785	Ant1	-36.37	-27	Pass
NVNT	a	5825	Ant1	-35.84	-27	Pass
NVNT	a	5745	Ant2	-30.67	-27	Pass
NVNT	a	5785	Ant2	-30.75	-27	Pass
NVNT	a	5825	Ant2	-30.85	-27	Pass
NVNT	n20	5745	Ant1	-35.83	-27	Pass
NVNT	n20	5785	Ant1	-35.24	-27	Pass
NVNT	n20	5825	Ant1	-36.36	-27	Pass
NVNT	n20	5745	Ant2	-29.6	-27	Pass
NVNT	n20	5785	Ant2	-31.11	-27	Pass
NVNT	n20	5825	Ant2	-28.93	-27	Pass
NVNT	n40	5755	Ant1	-34.69	-27	Pass
NVNT	n40	5795	Ant1	-34.89	-27	Pass
NVNT	n40	5755	Ant2	-30.49	-27	Pass
NVNT	n40	5795	Ant2	-30.54	-27	Pass
NVNT	ac20	5745	Ant1	-35.08	-27	Pass
NVNT	ac20	5785	Ant1	-36.3	-27	Pass
NVNT	ac20	5825	Ant1	-35.81	-27	Pass
NVNT	ac20	5745	Ant2	-30.26	-27	Pass
NVNT	ac20	5785	Ant2	-30.61	-27	Pass
NVNT	ac20	5825	Ant2	-31	-27	Pass
NVNT	ac40	5755	Ant1	-34.98	-27	Pass
NVNT	ac40	5795	Ant1	-35.35	-27	Pass
NVNT	ac40	5755	Ant2	-30.4	-27	Pass
NVNT	ac40	5795	Ant2	-31.16	-27	Pass
NVNT	ac80	5775	Ant1	-36.18	-27	Pass
NVNT	ac80	5775	Ant2	-30.77	-27	Pass

Test Graphs

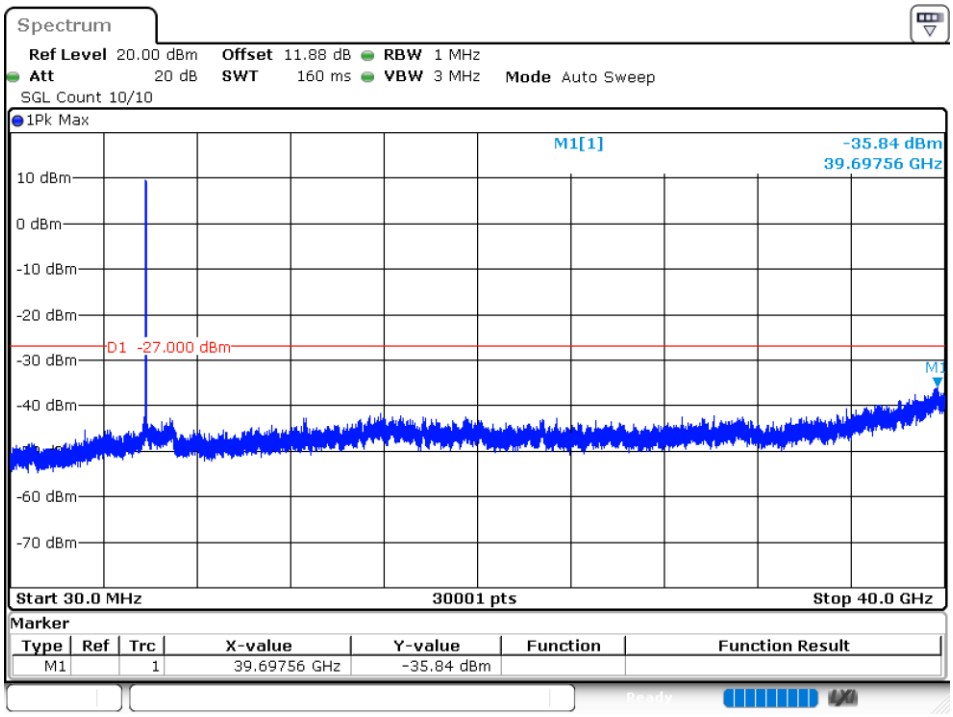
Tx. Spurious NVNT a 5745MHz Ant1 Emission



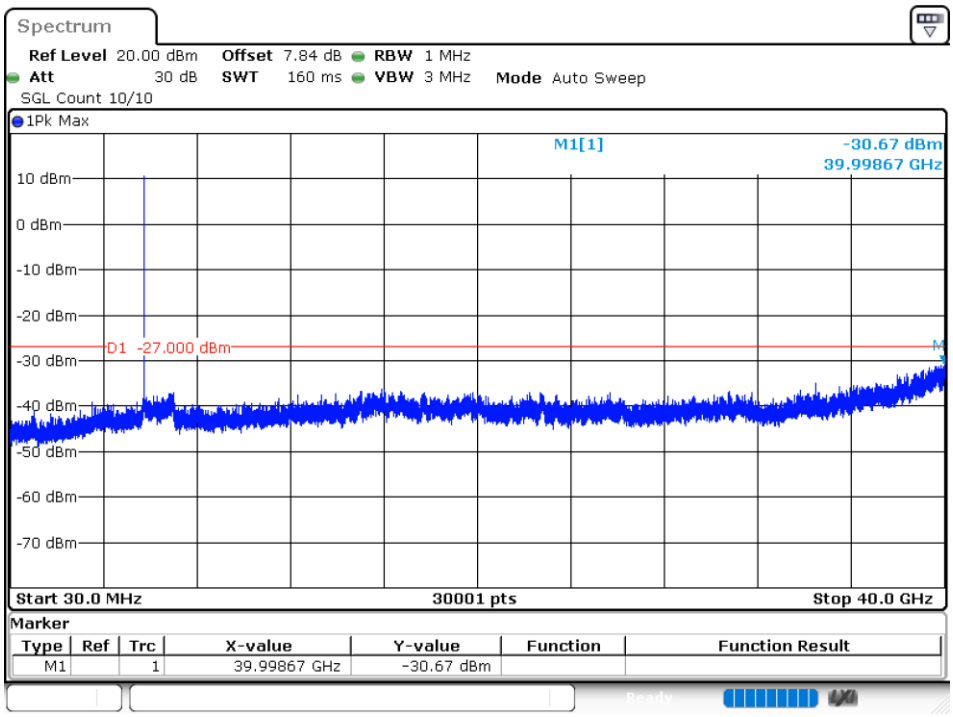
Tx. Spurious NVNT a 5785MHz Ant1 Emission



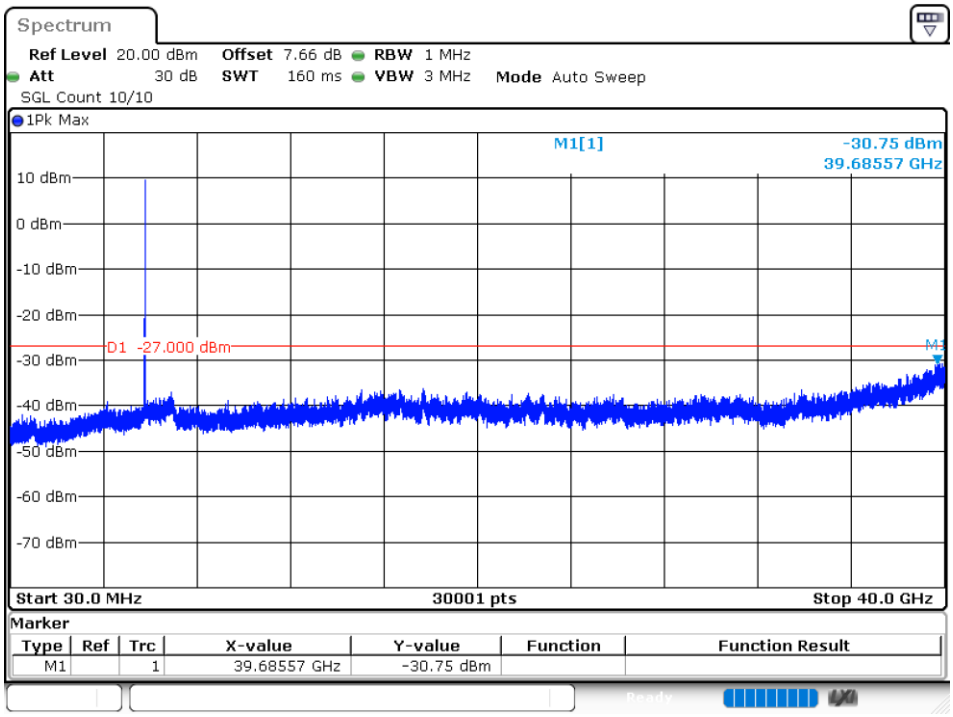
Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT a 5745MHz Ant2 Emission



Tx. Spurious NVNT a 5785MHz Ant2 Emission



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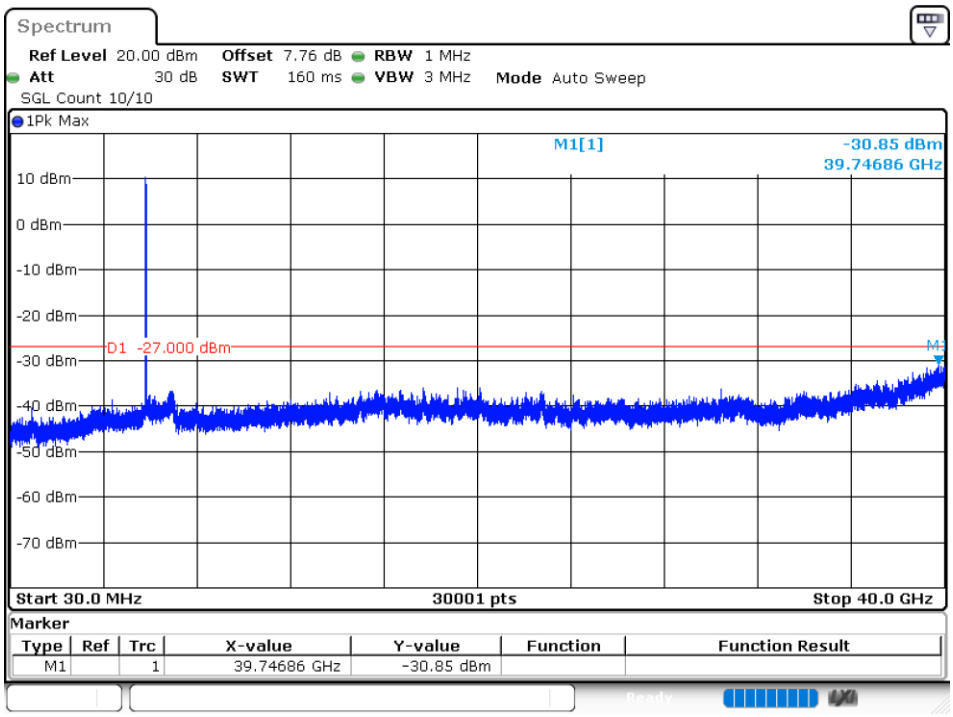
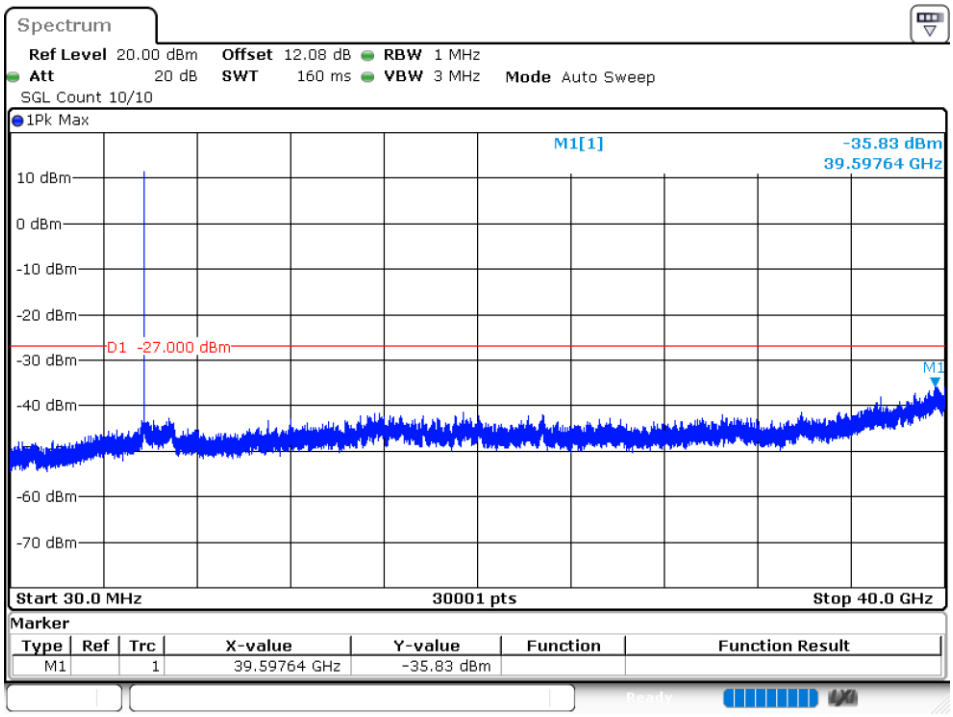


Tx. Spurious NVNT n20 5745MHz Ant1 Emission



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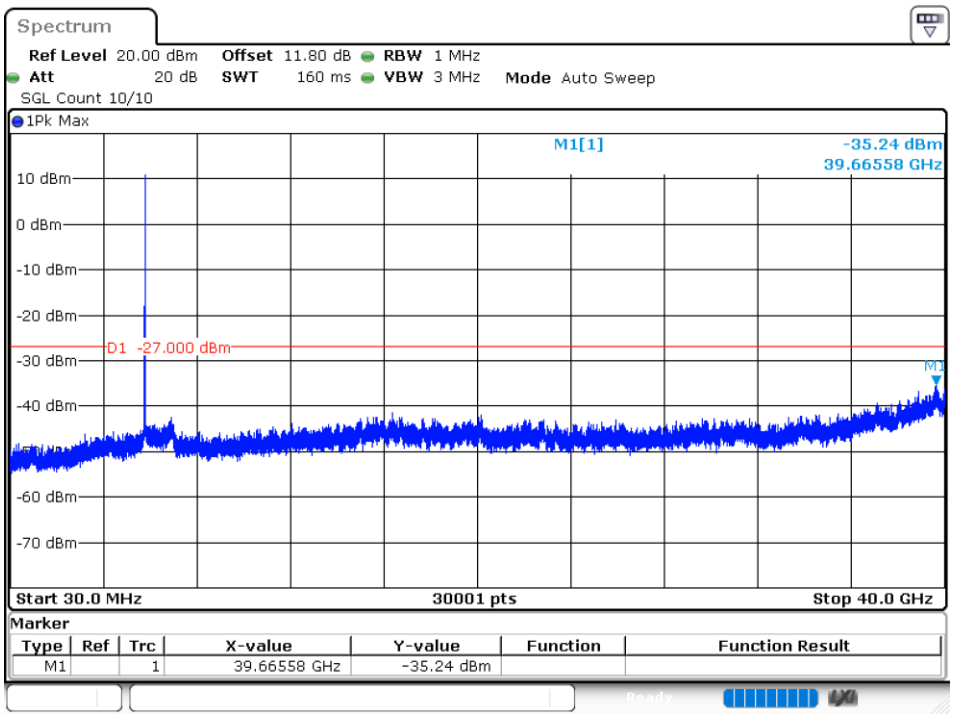

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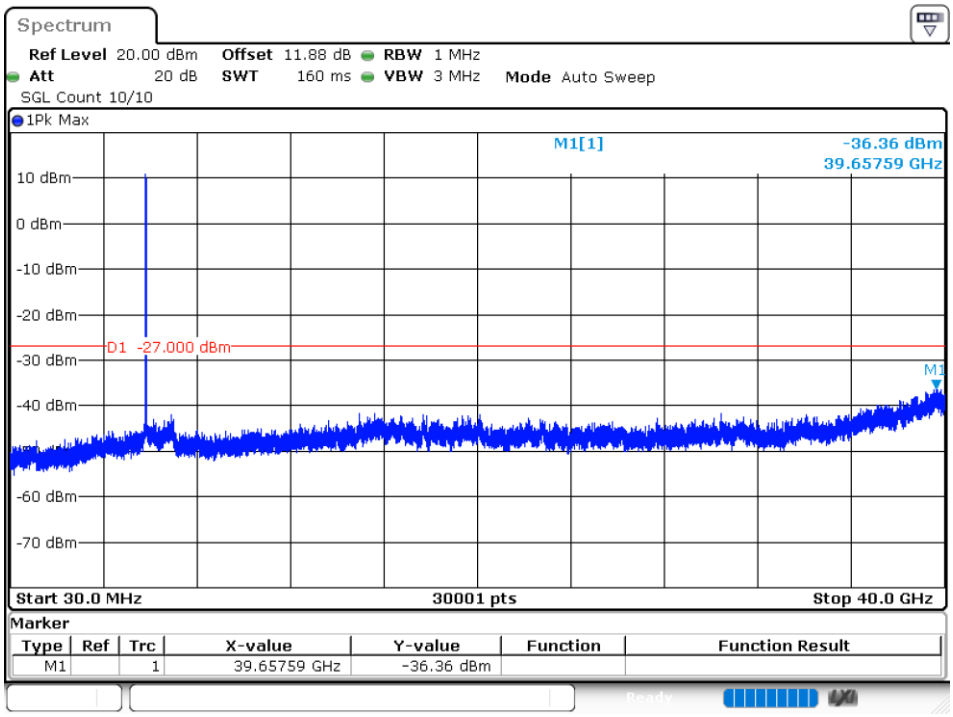

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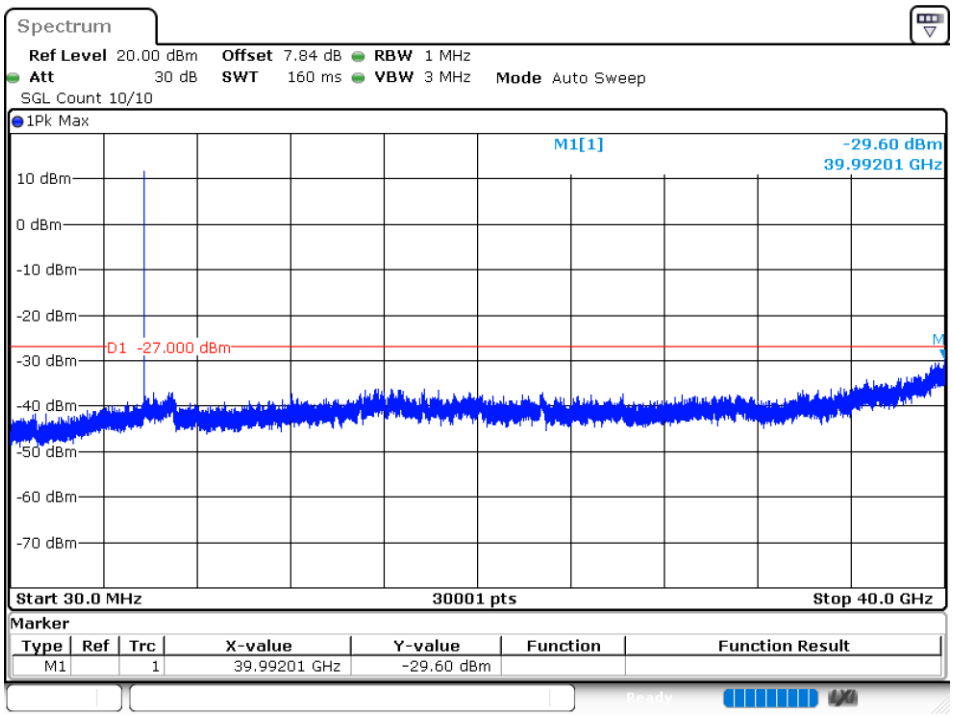
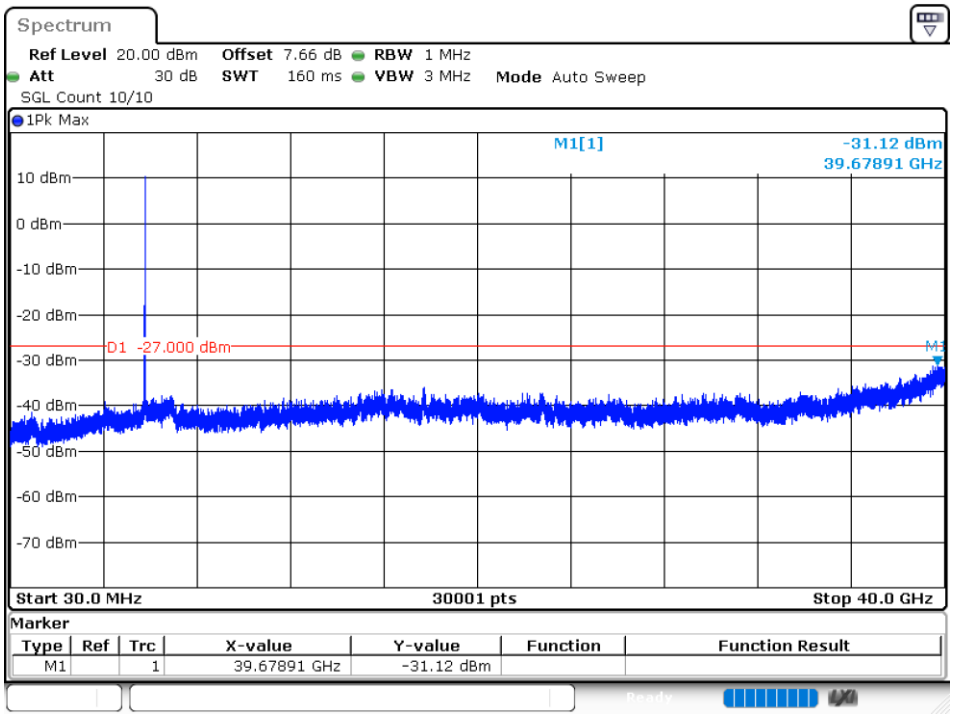


Tx. Spurious NVNT n20 5785MHz Ant2 Emission



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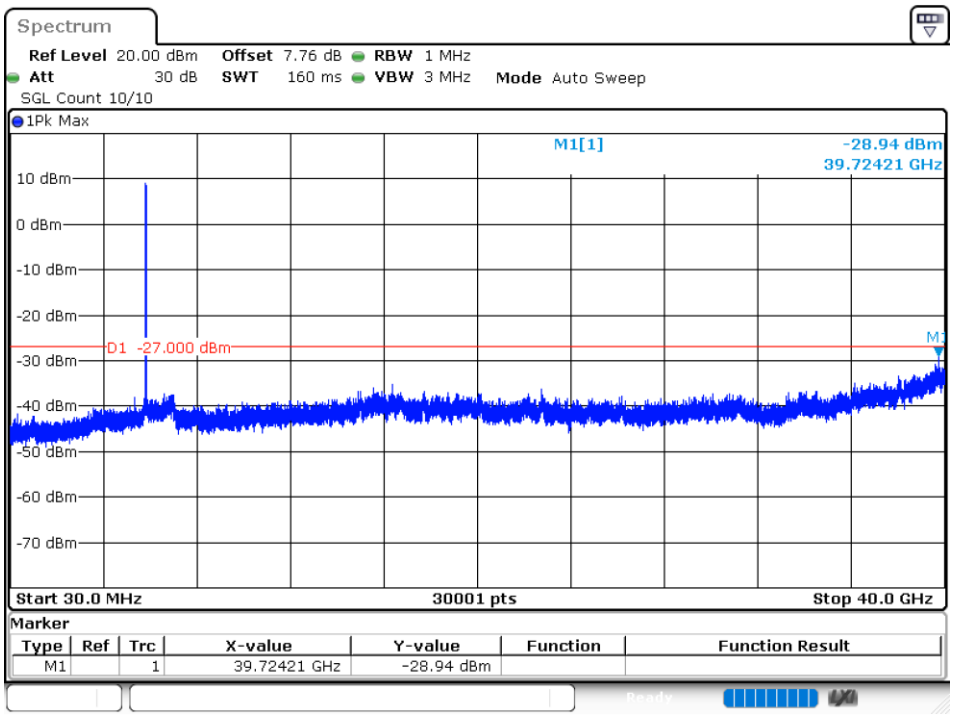
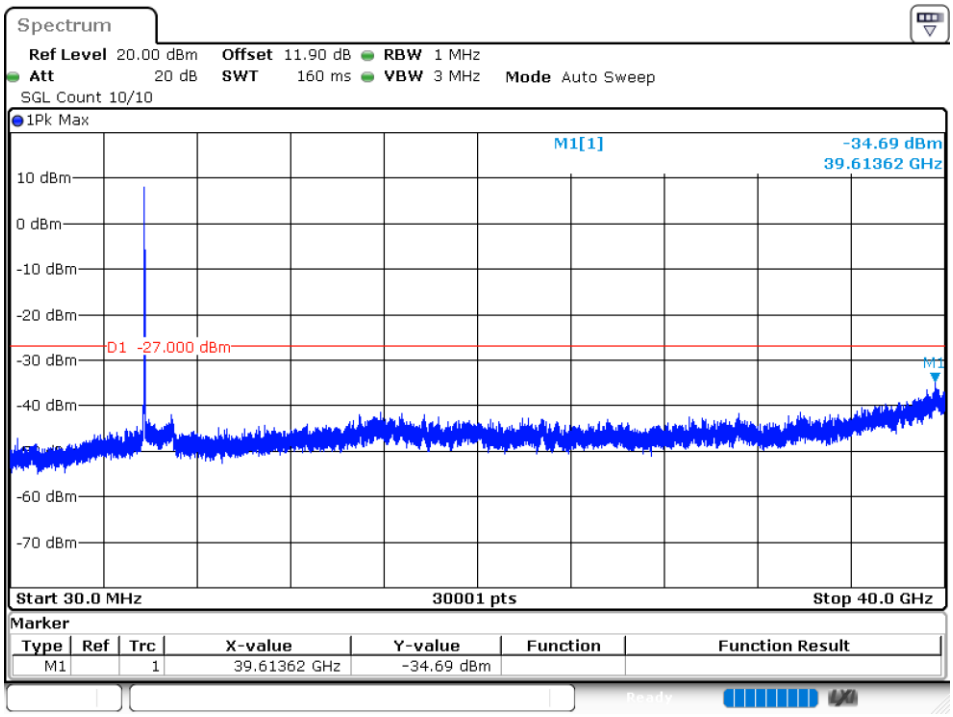


Tx. Spurious NVNT n40 5755MHz Ant1 Emission



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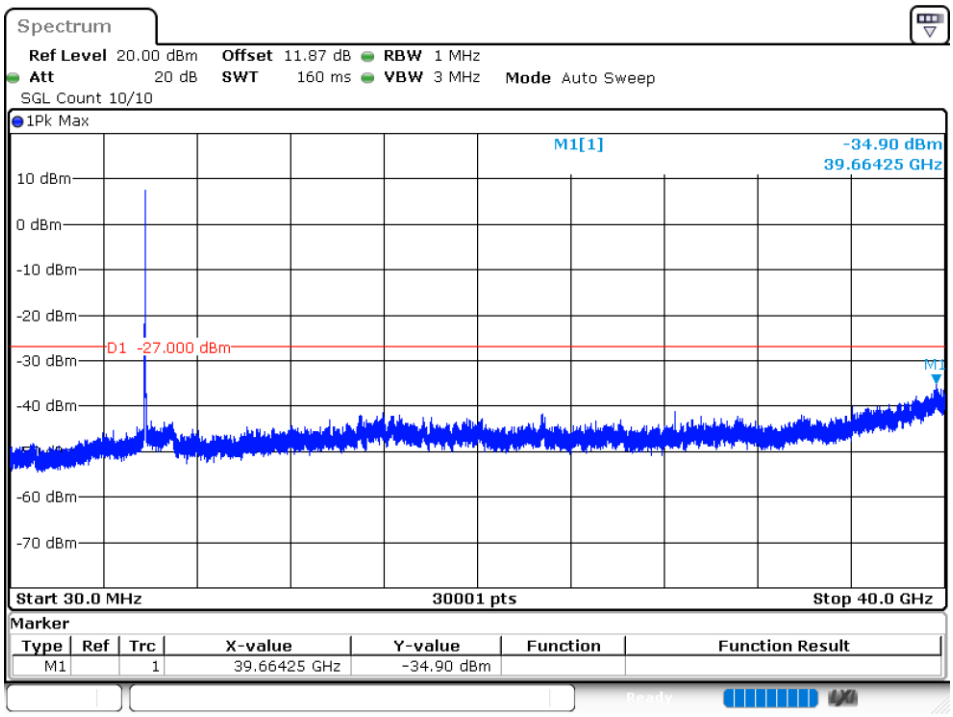

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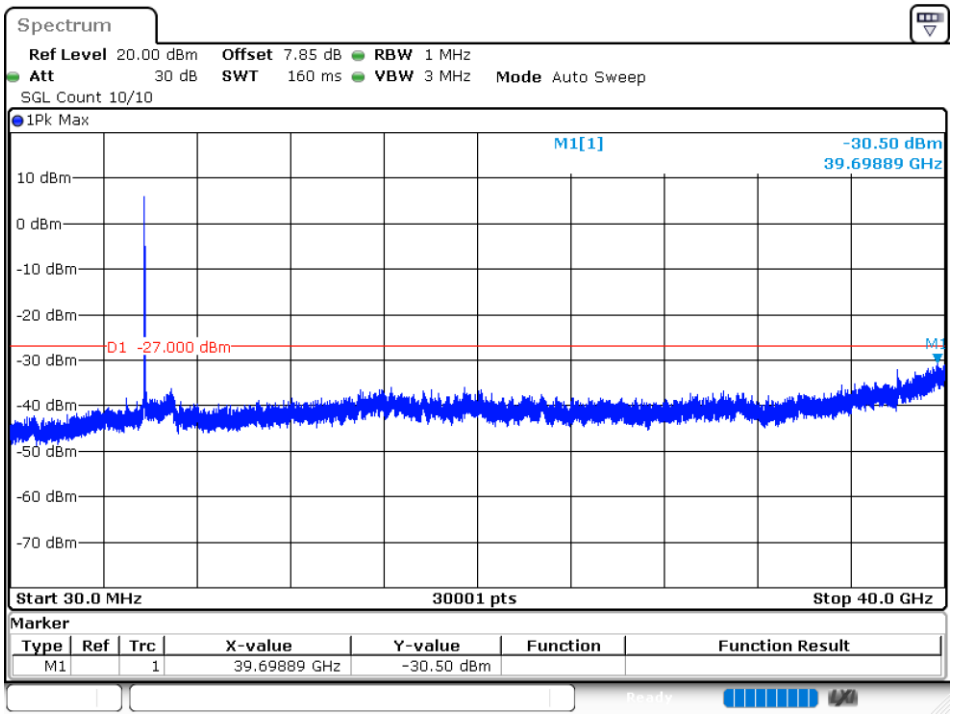
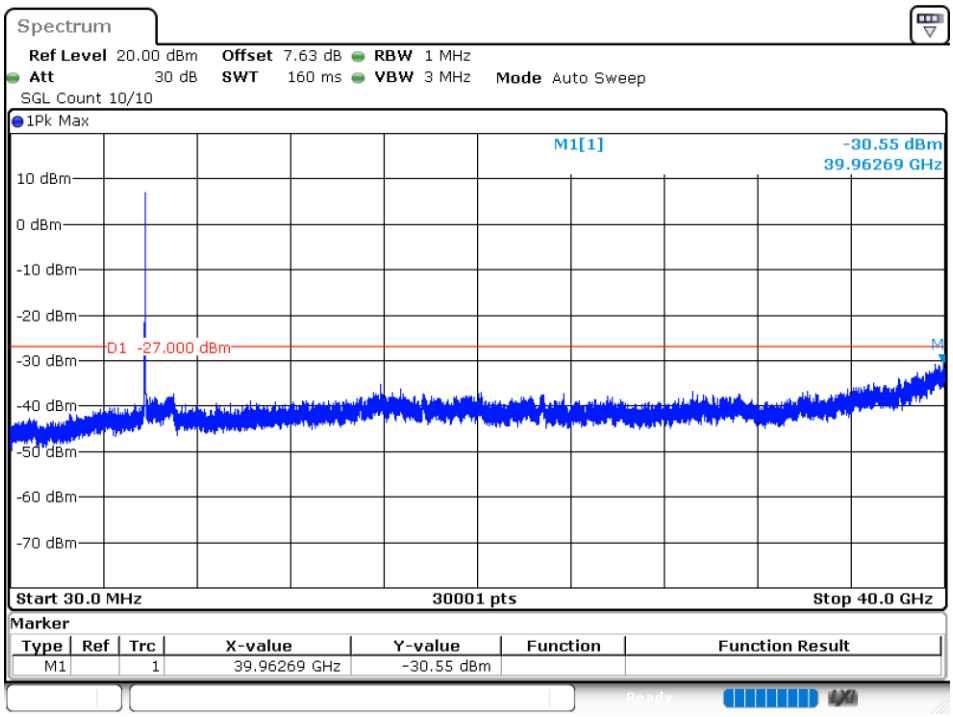


Tx. Spurious NVNT n40 5795MHz Ant2 Emission



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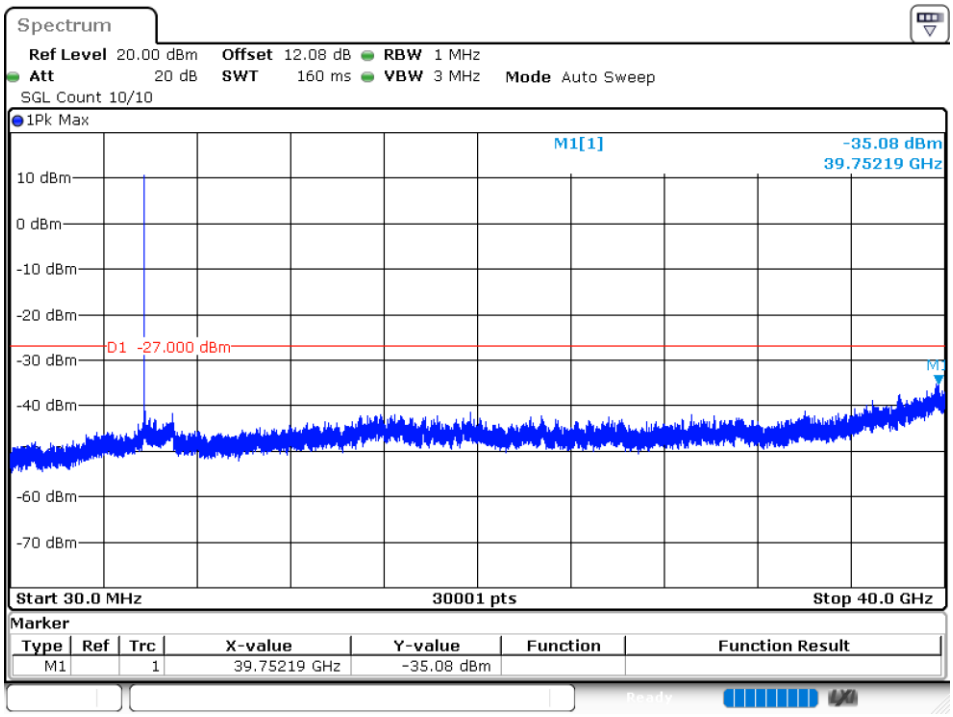

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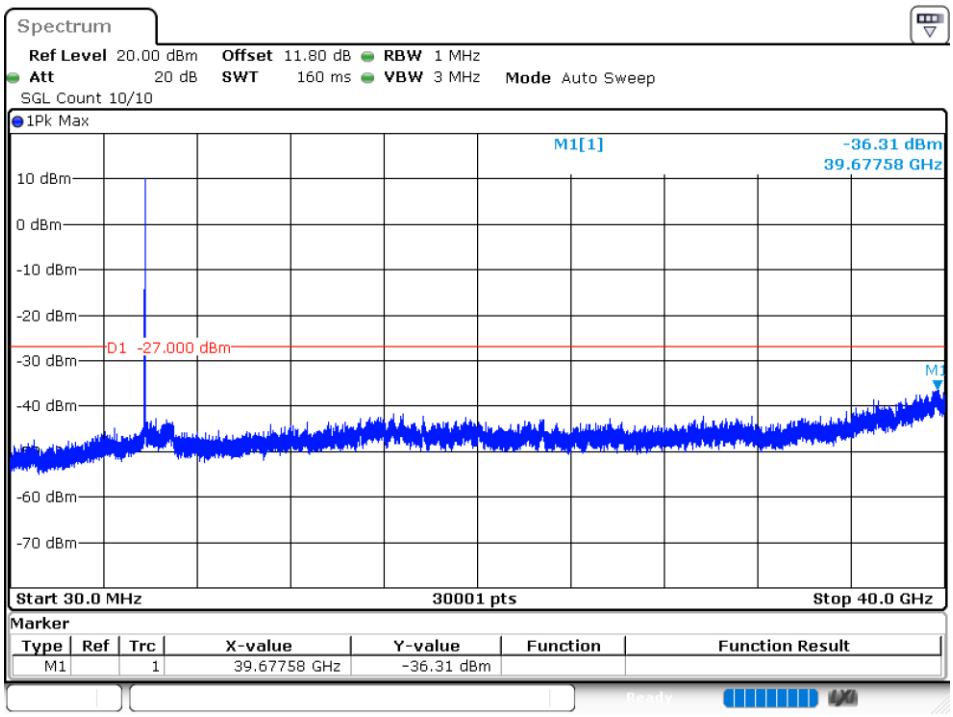

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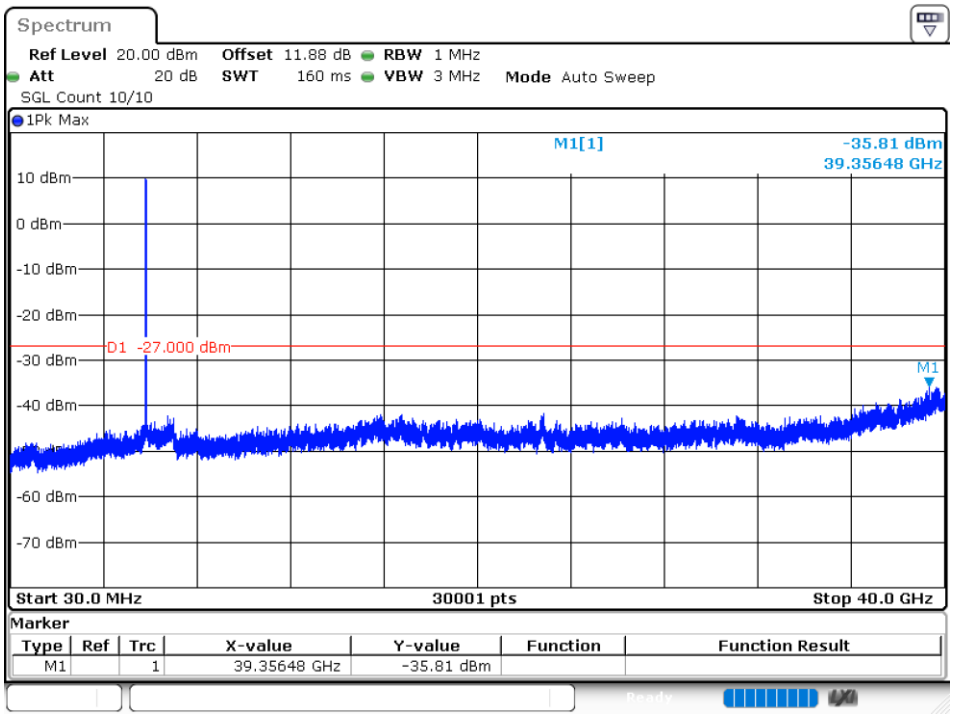

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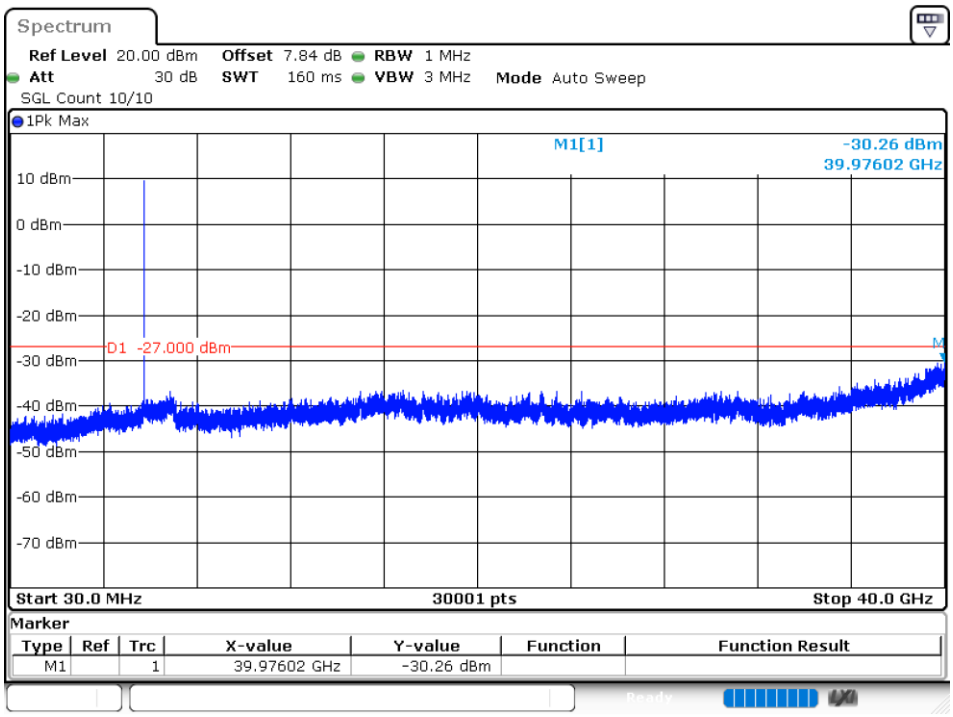

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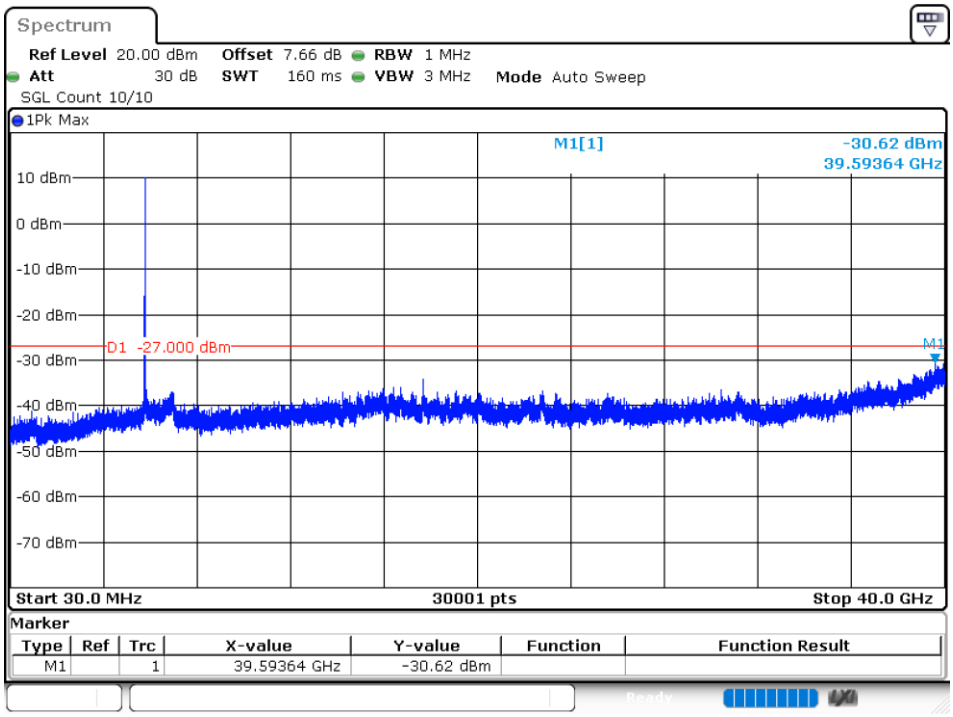

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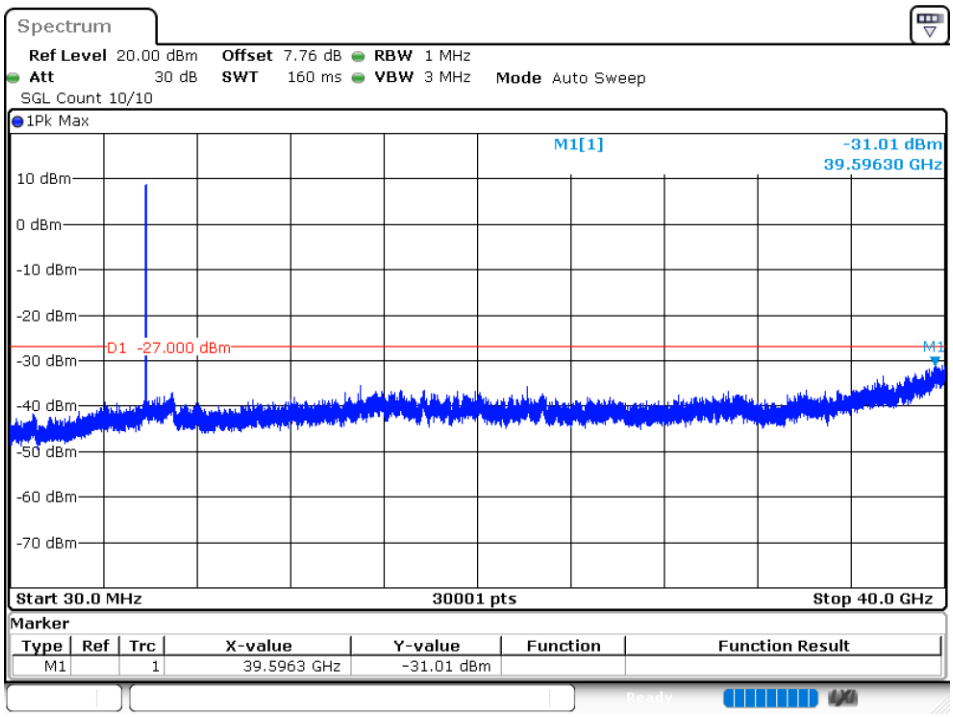

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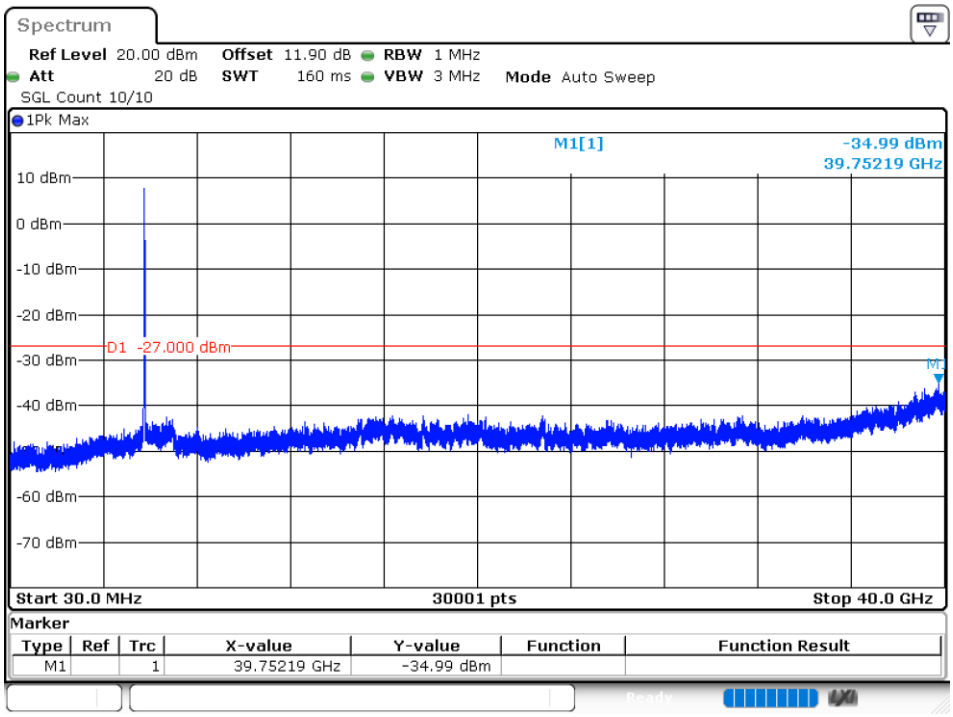

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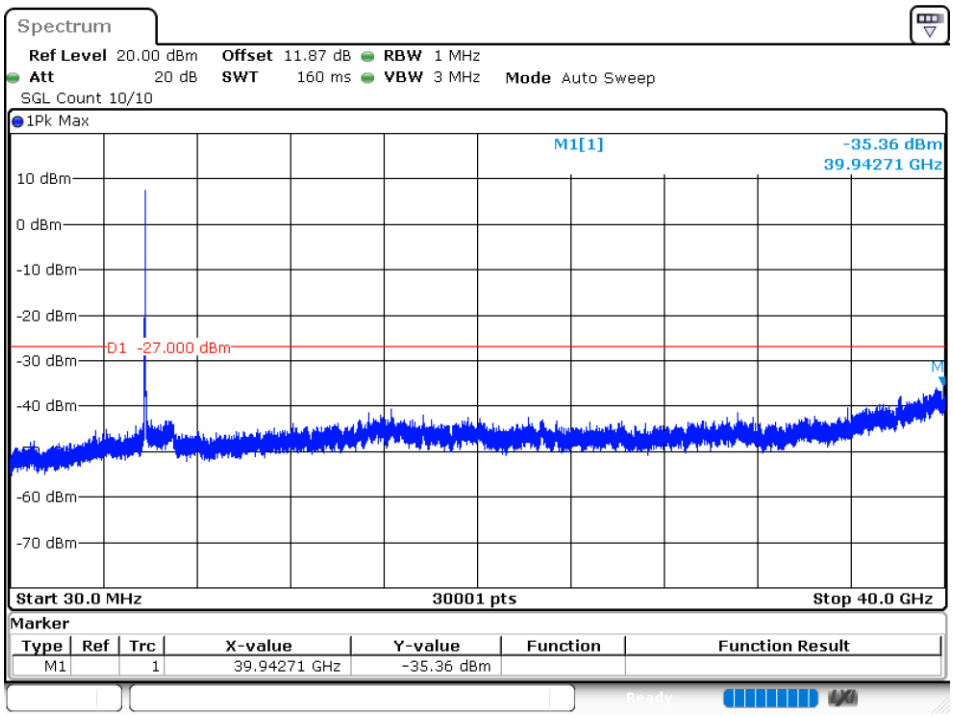

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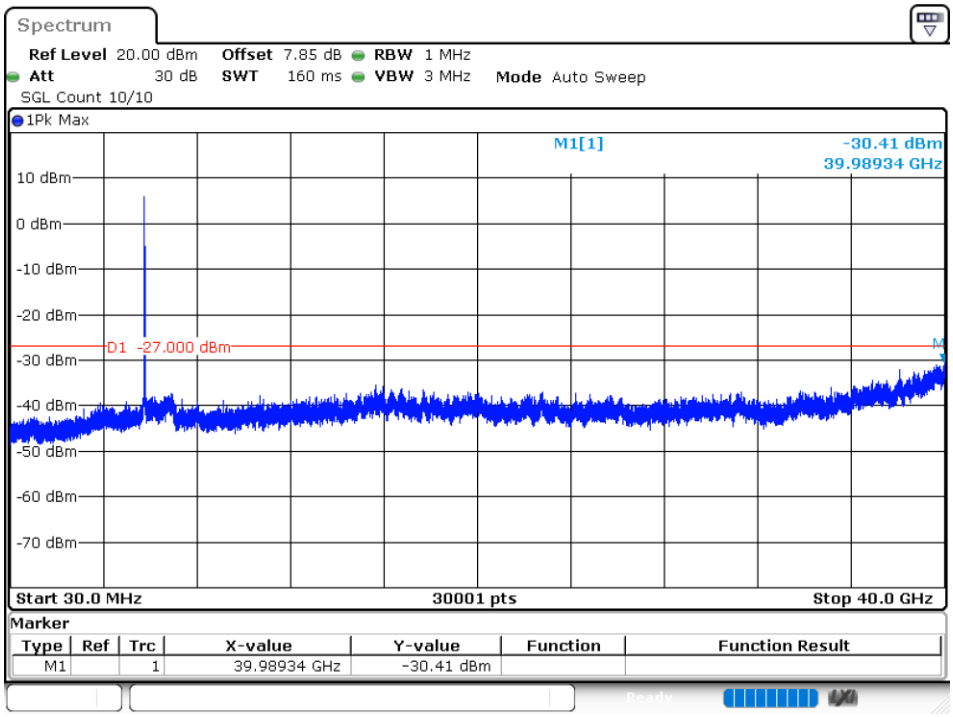
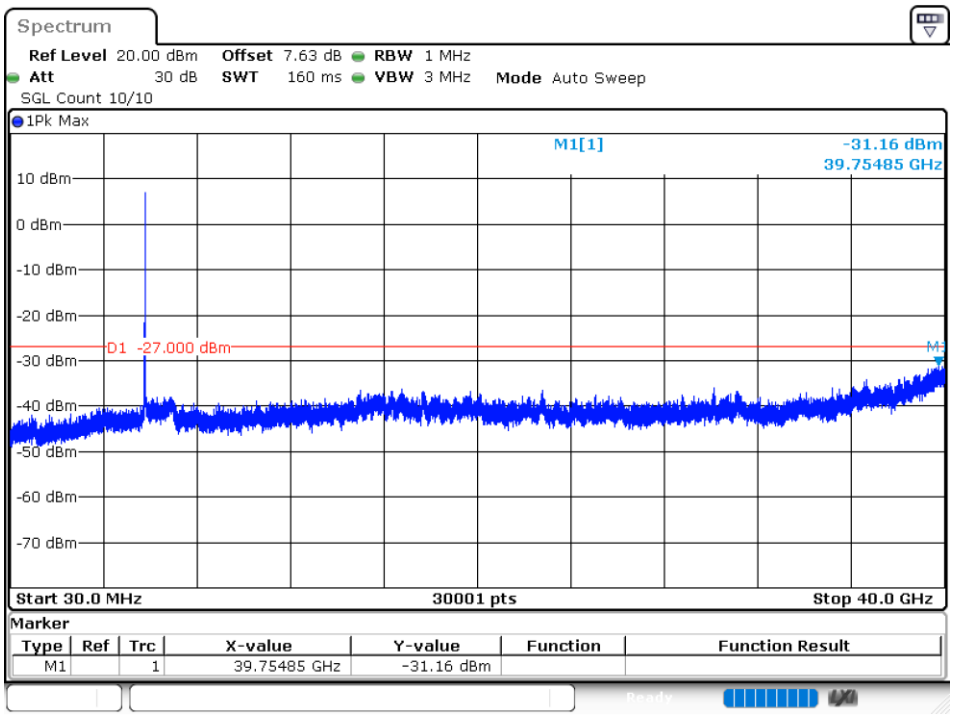
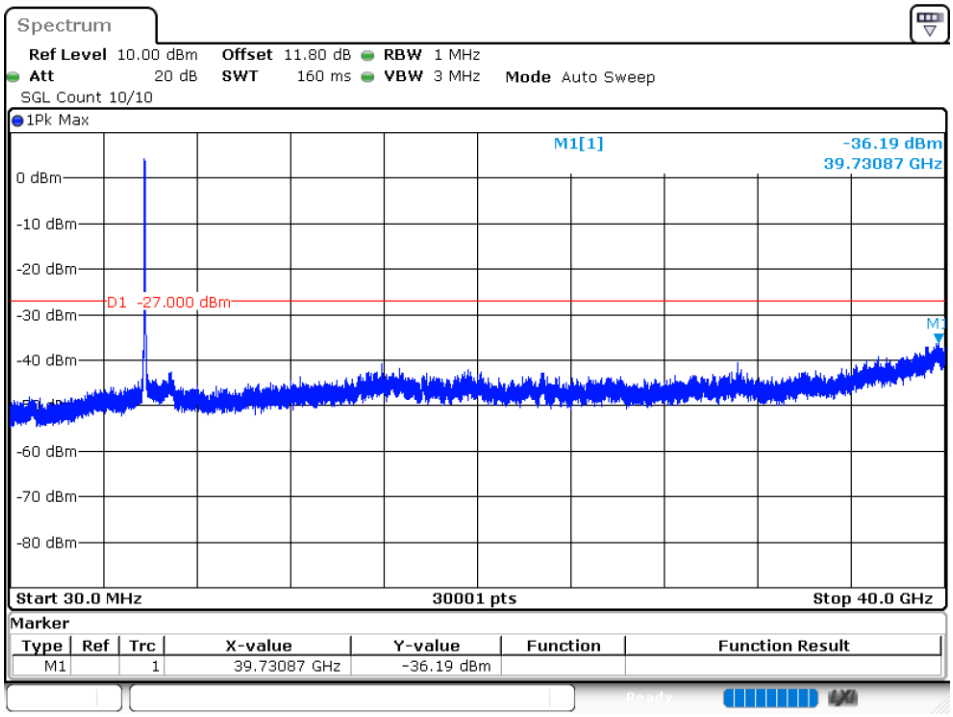
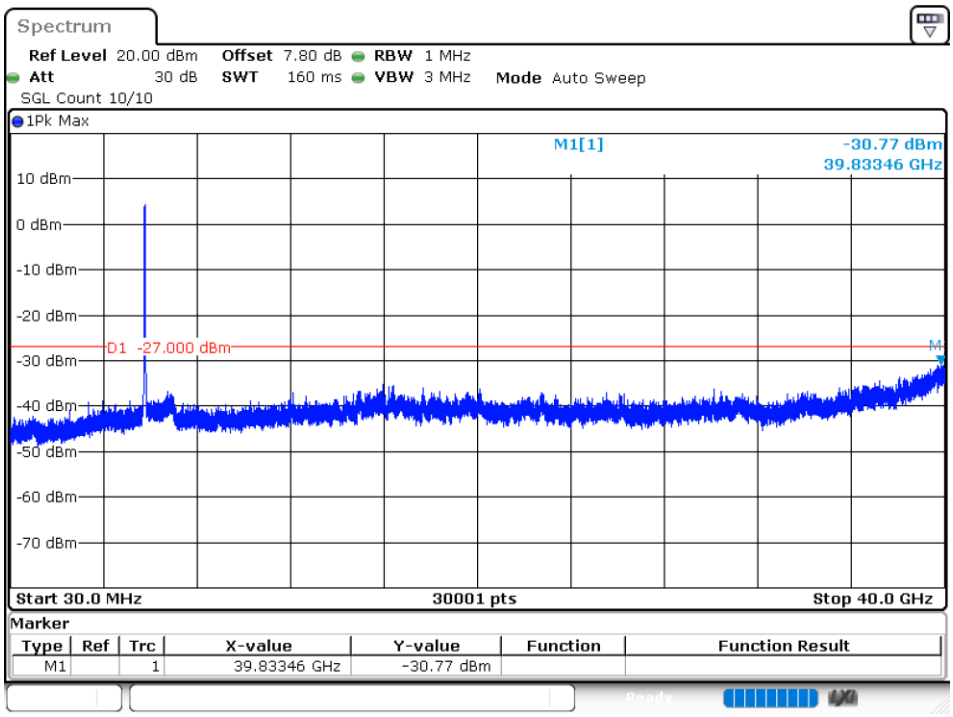


Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant2 Emission