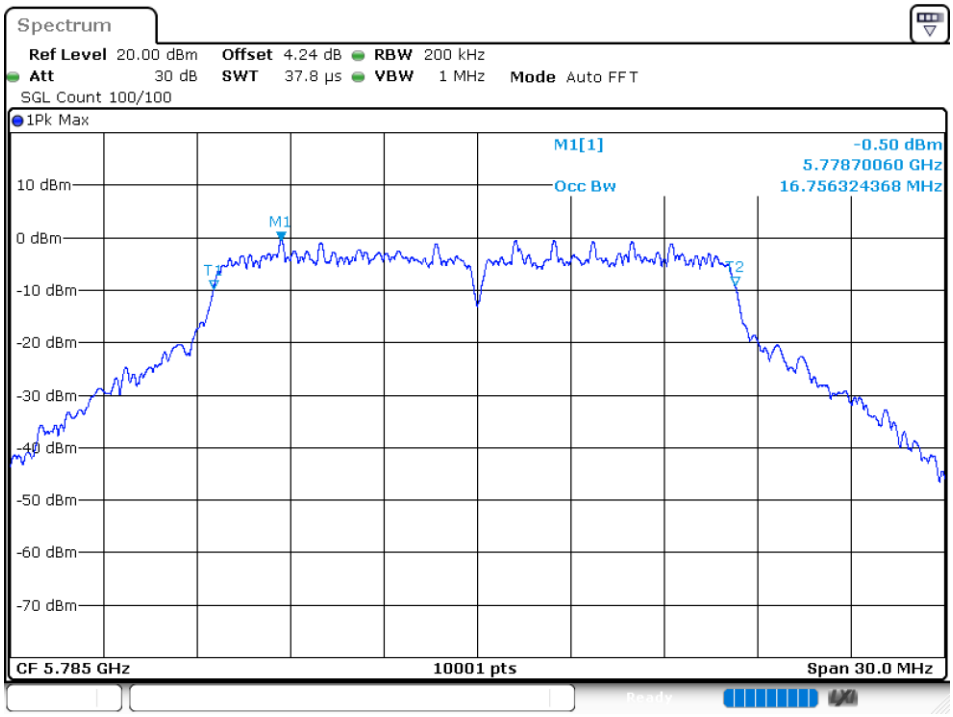
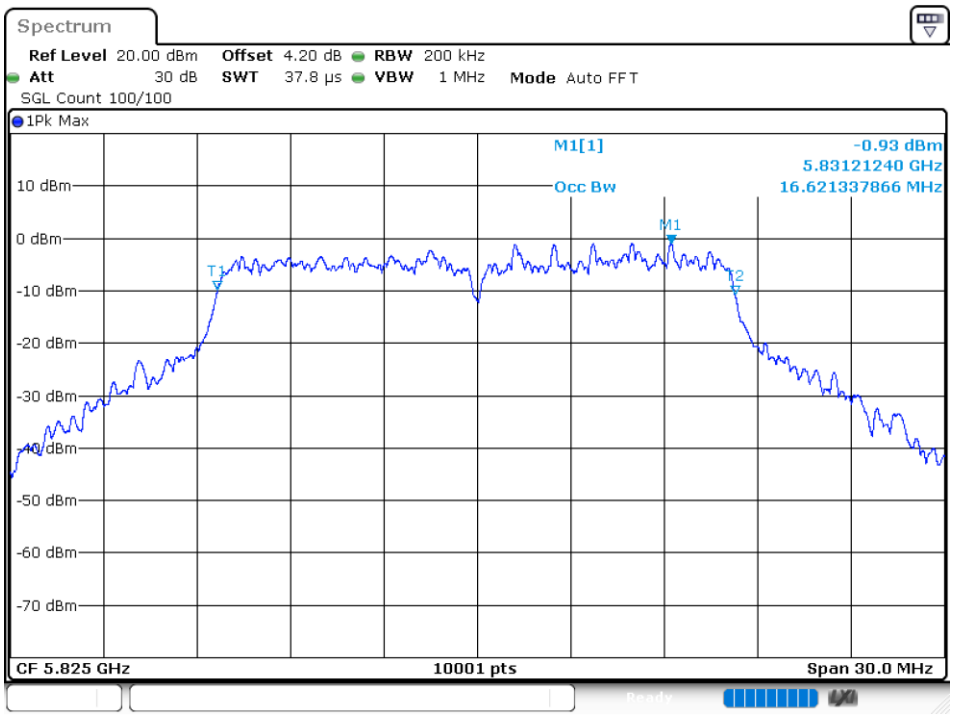
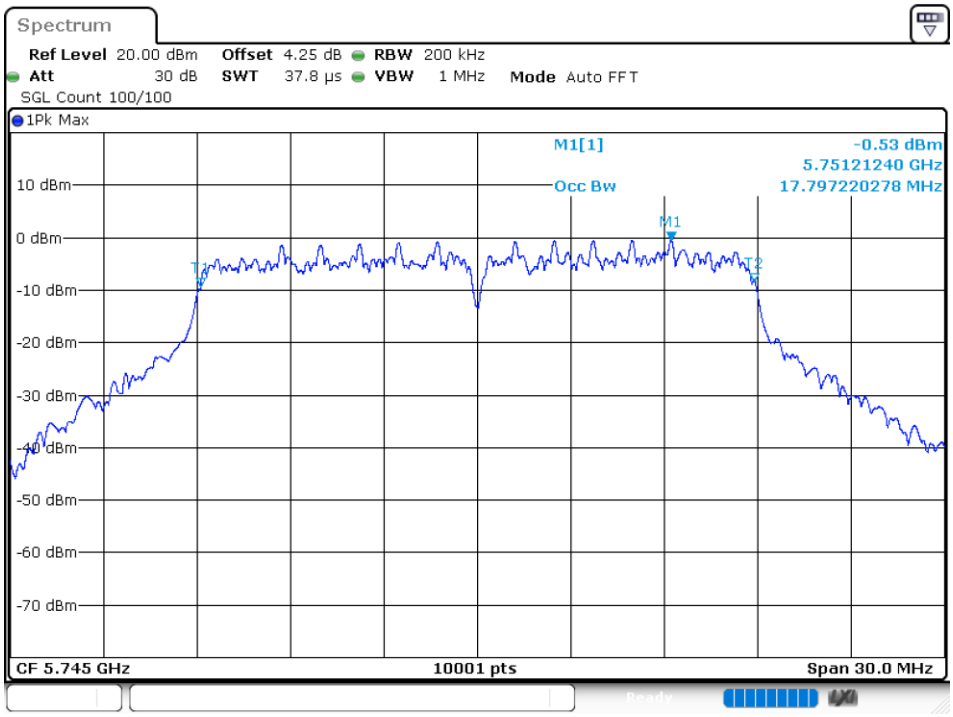
OBW NVNT a 5785MHz Ant2



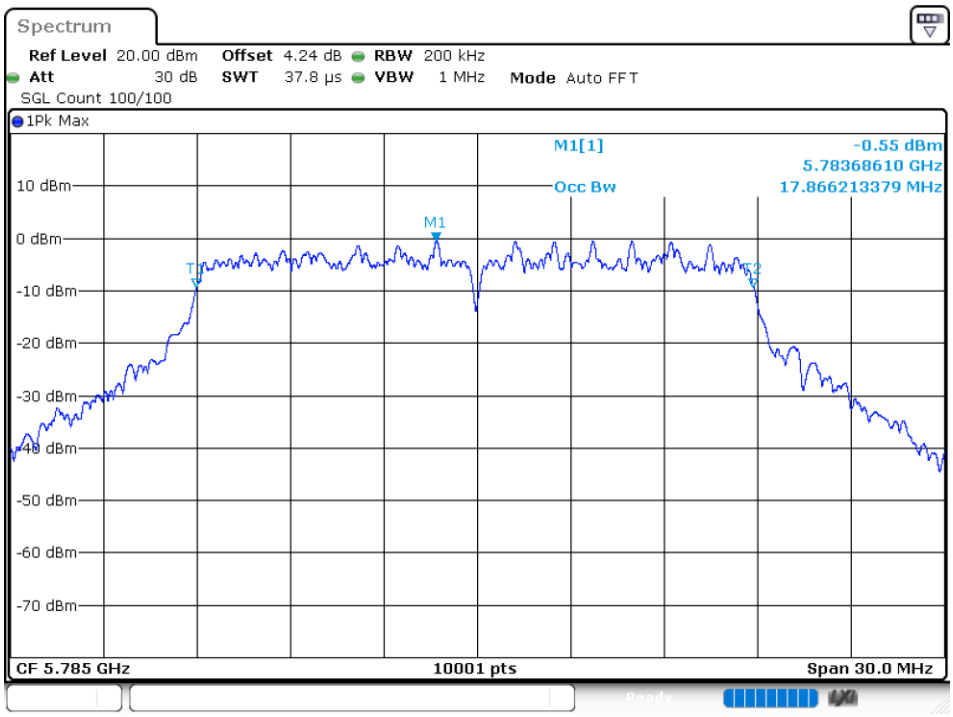
OBW NVNT a 5825MHz Ant2



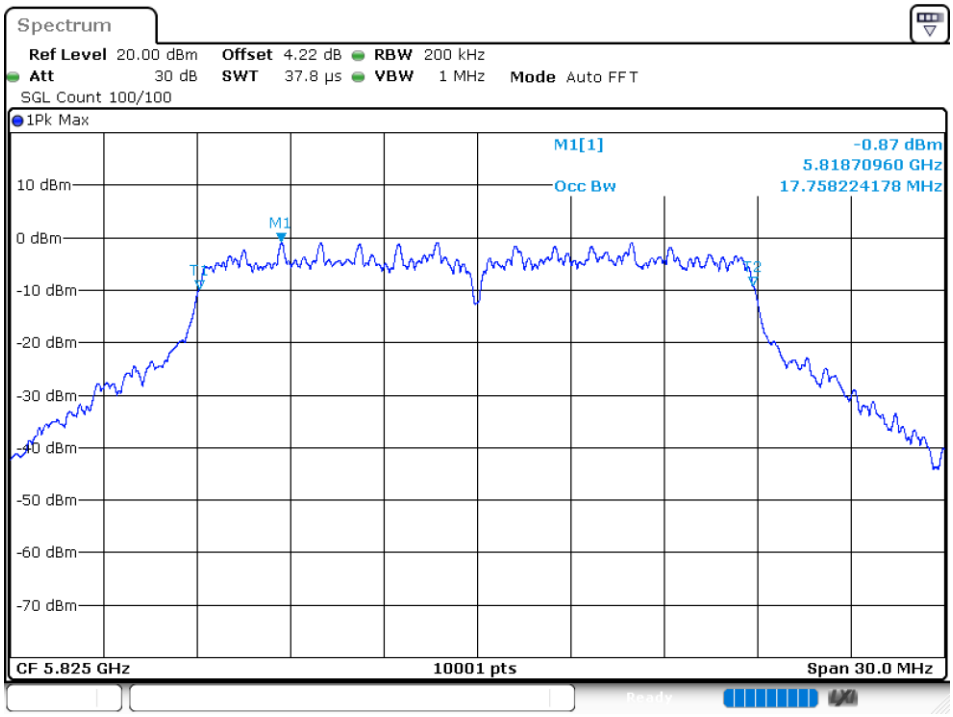
OBW NVNT n20 5745MHz Ant1



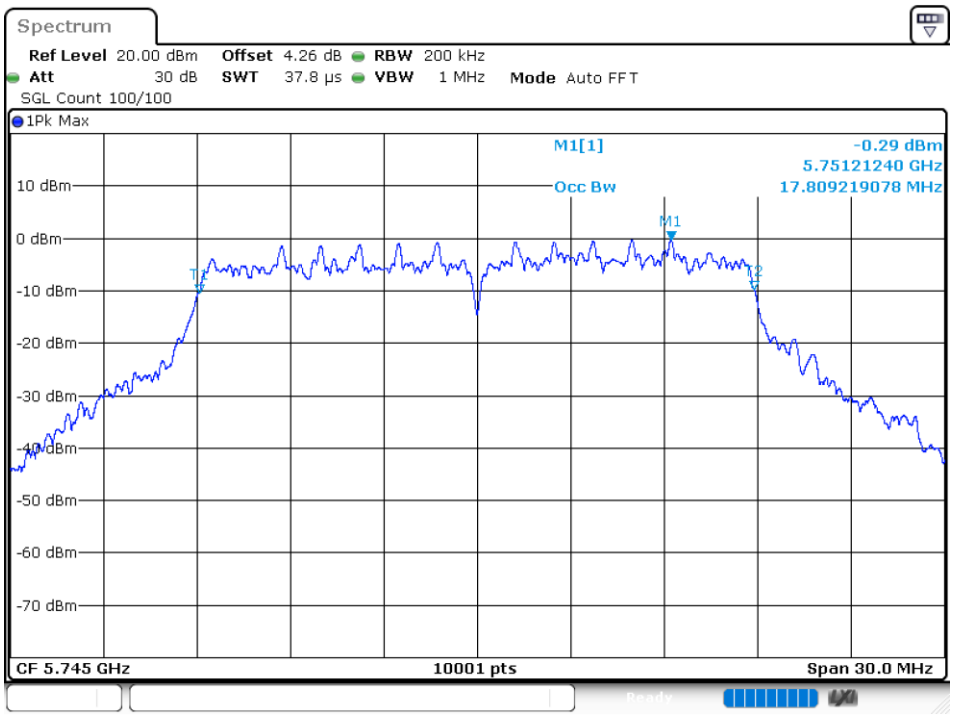
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5745MHz Ant2



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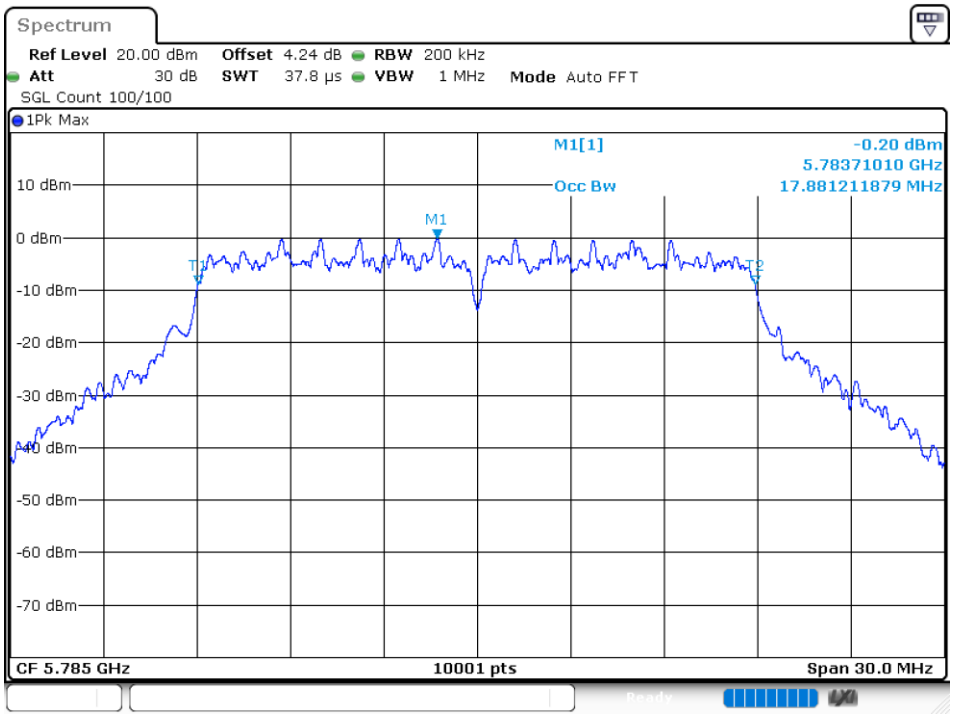

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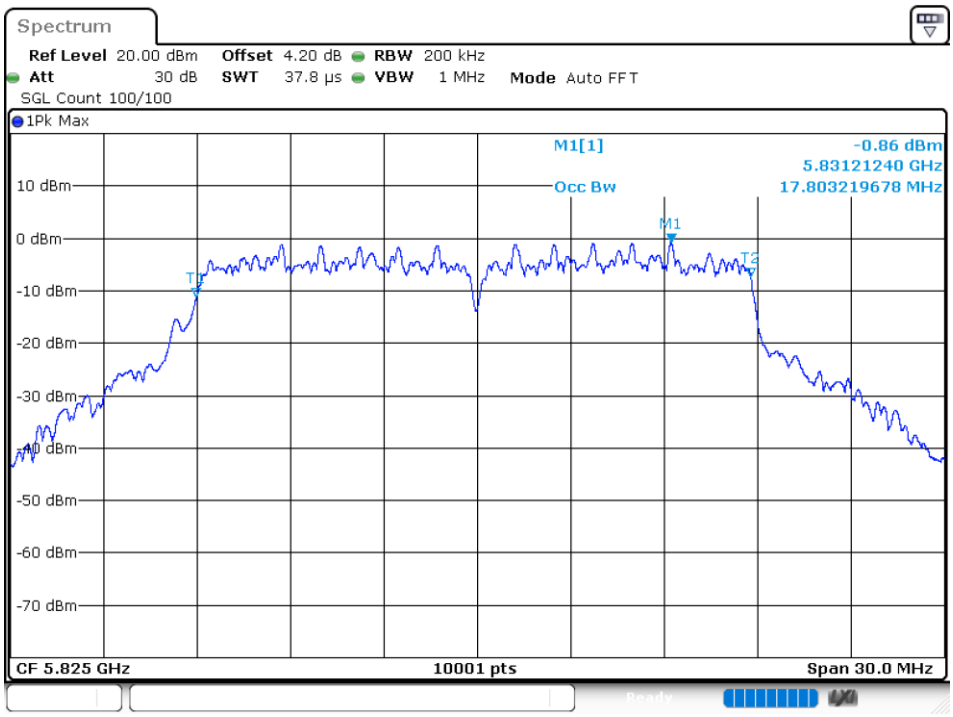
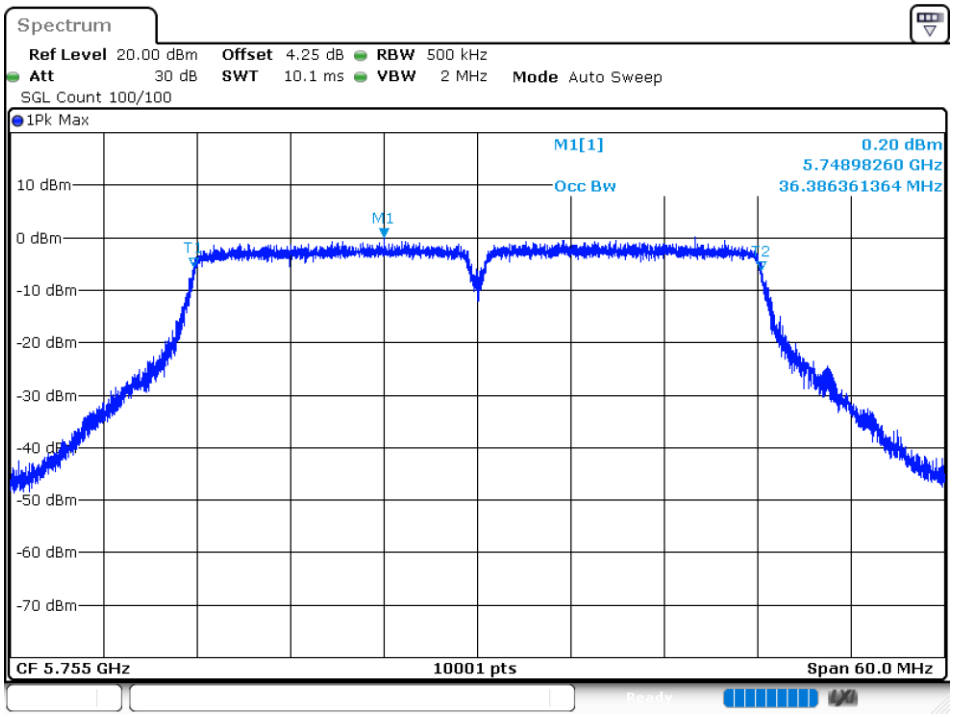


OBW NVNT n40 5755MHz Ant1



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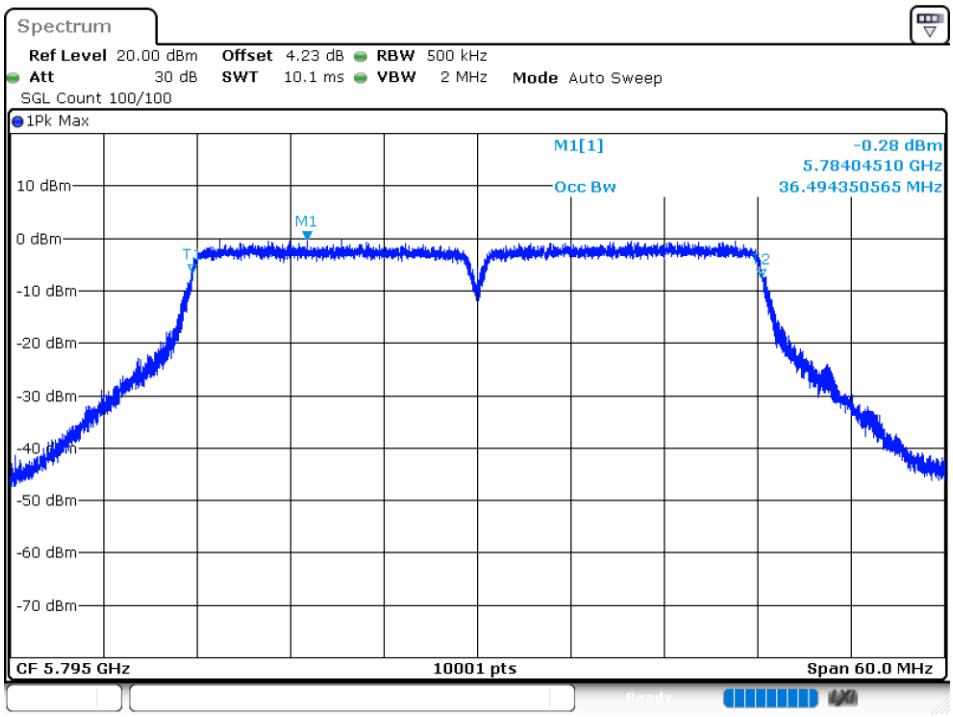

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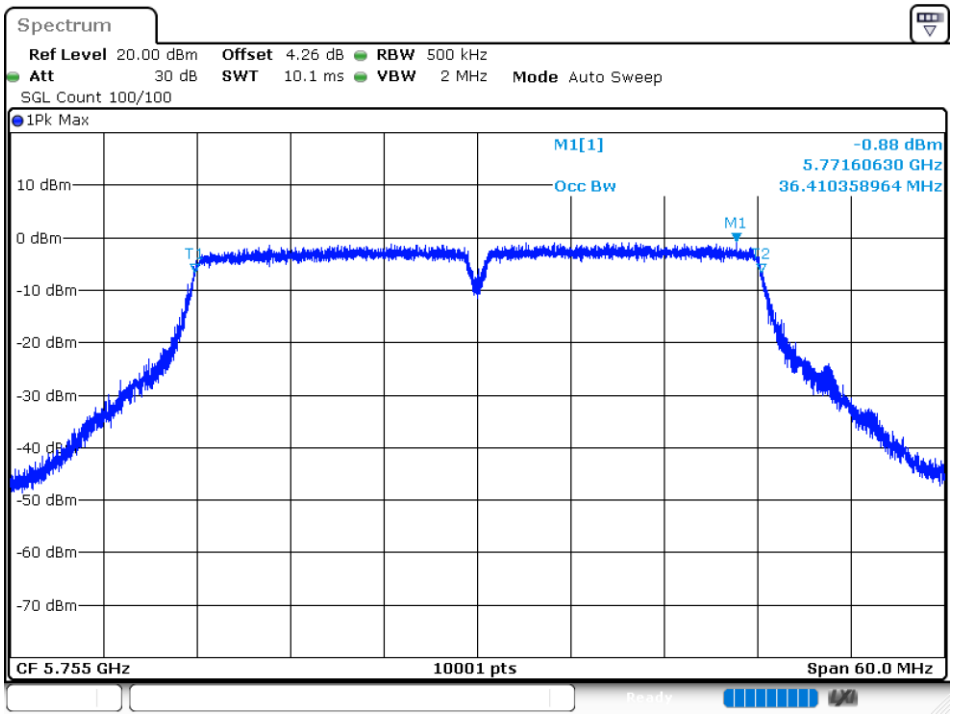

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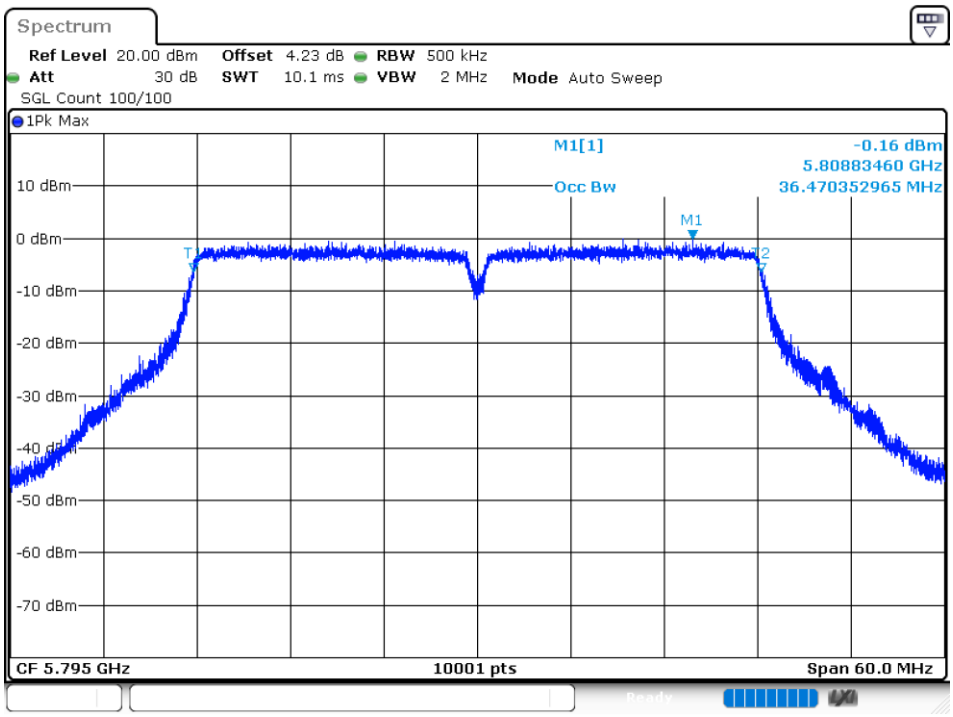

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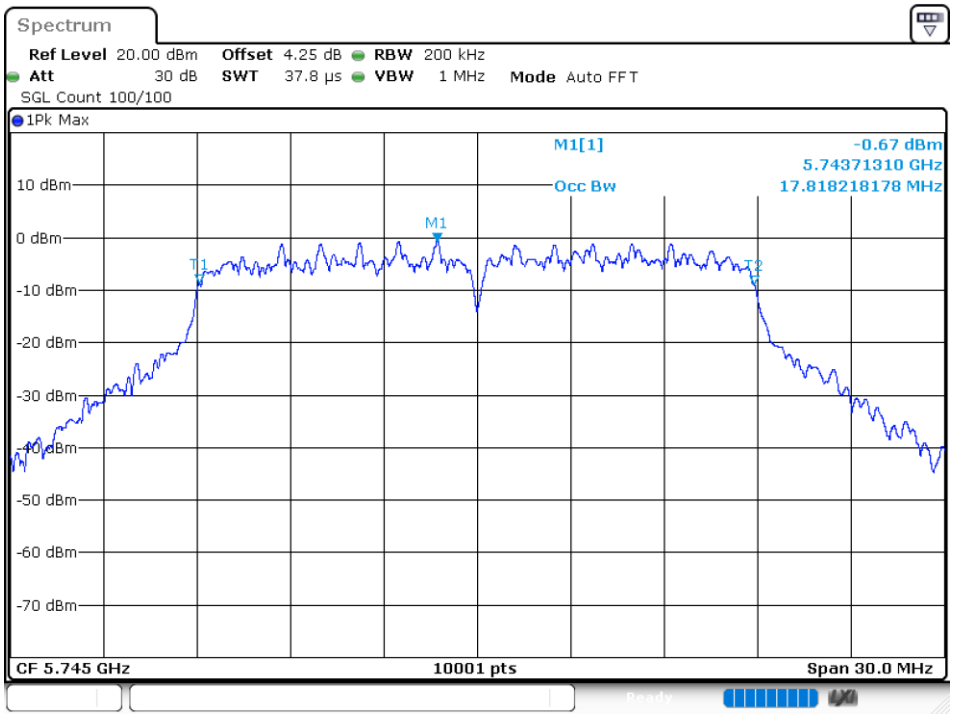
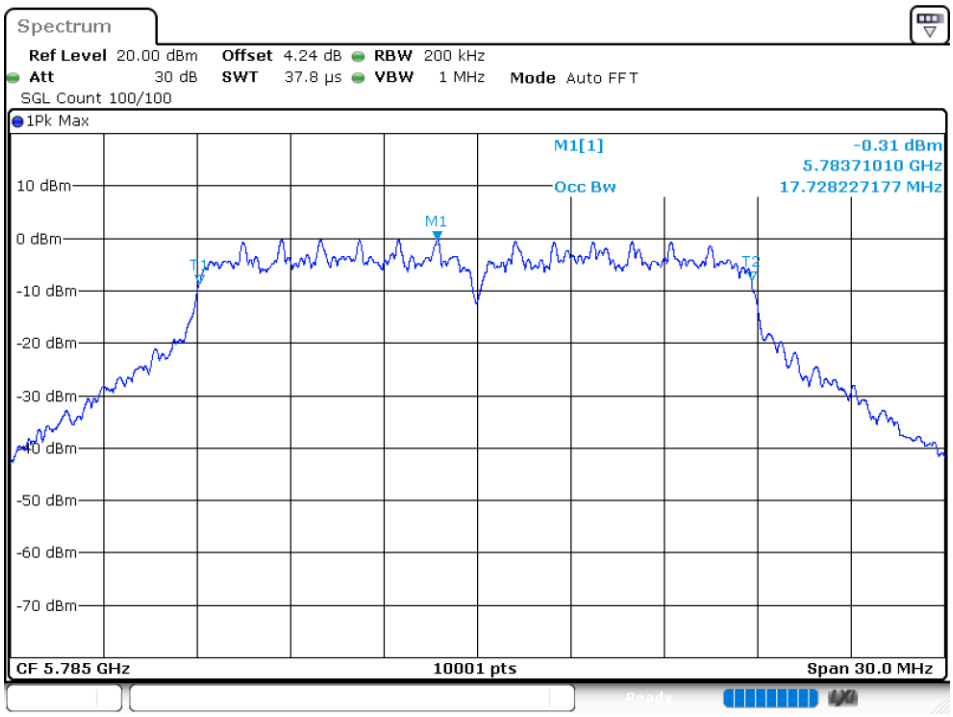
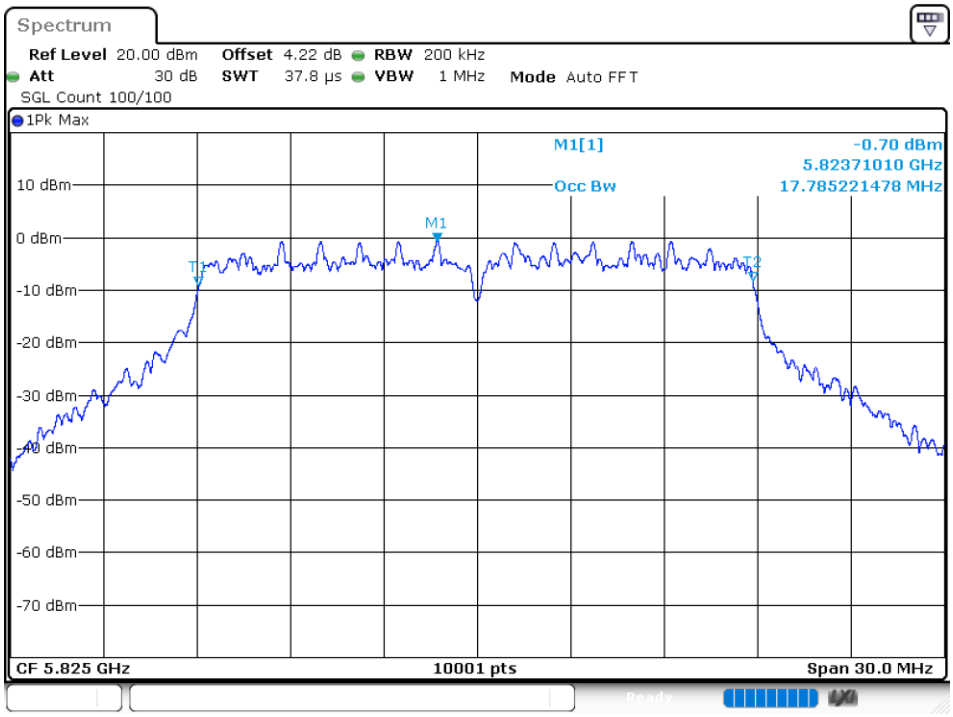


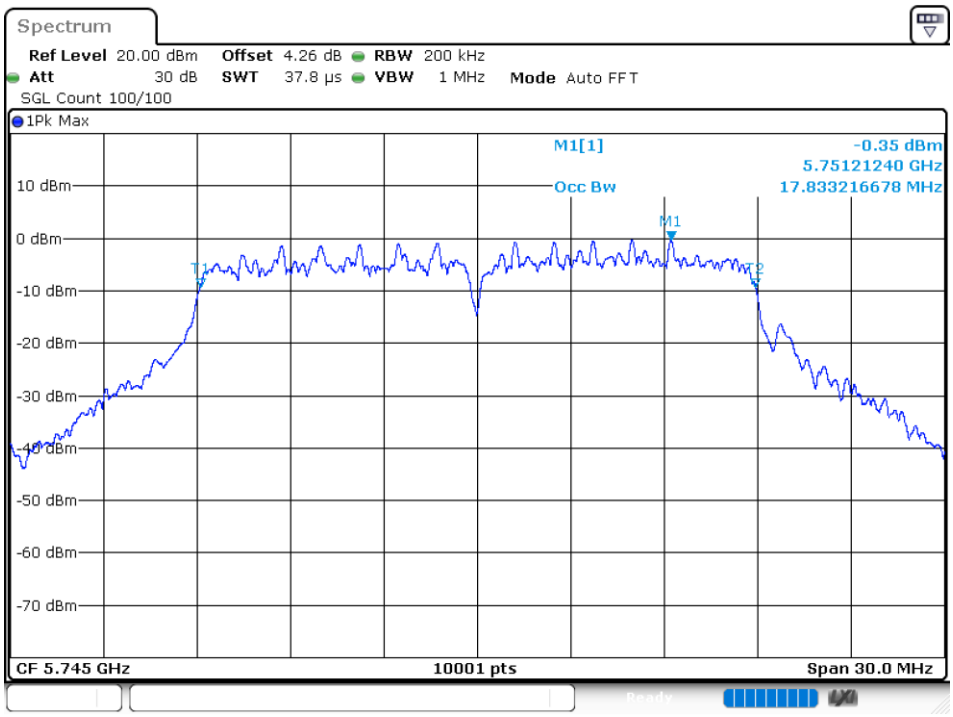
OBW NVNT ac20 5785MHz Ant1



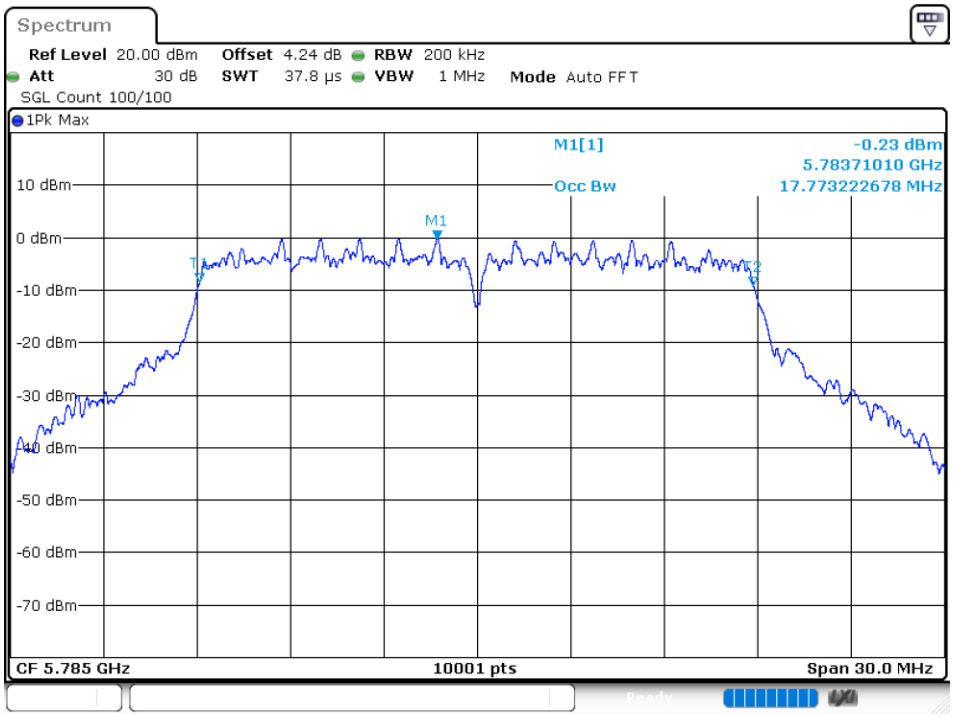
OBW NVNT ac20 5825MHz Ant1



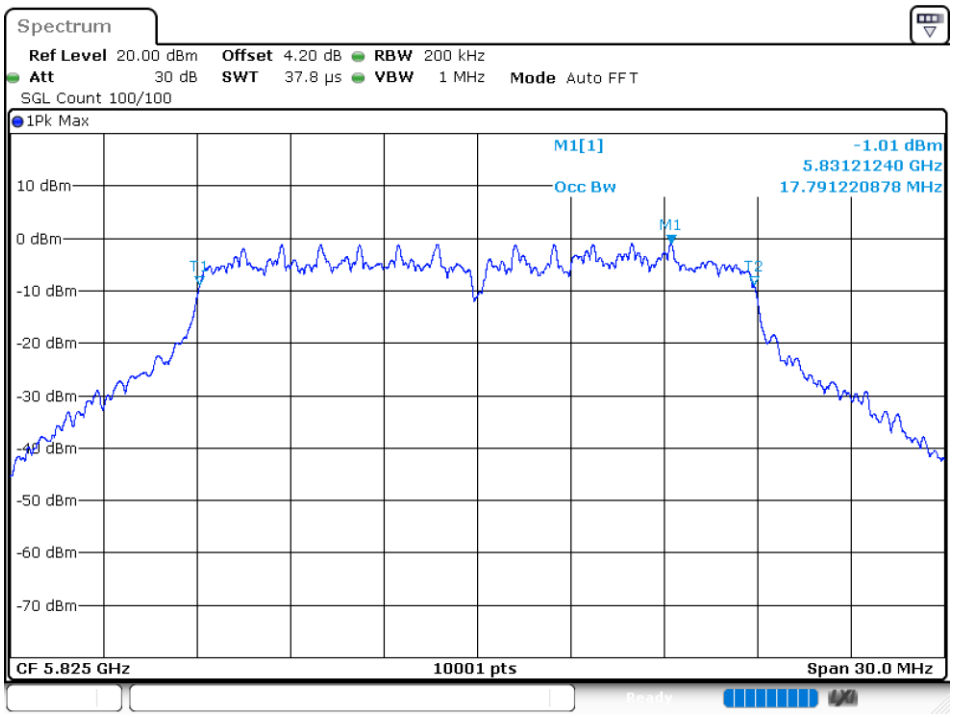
OBW NVNT ac20 5745MHz Ant2



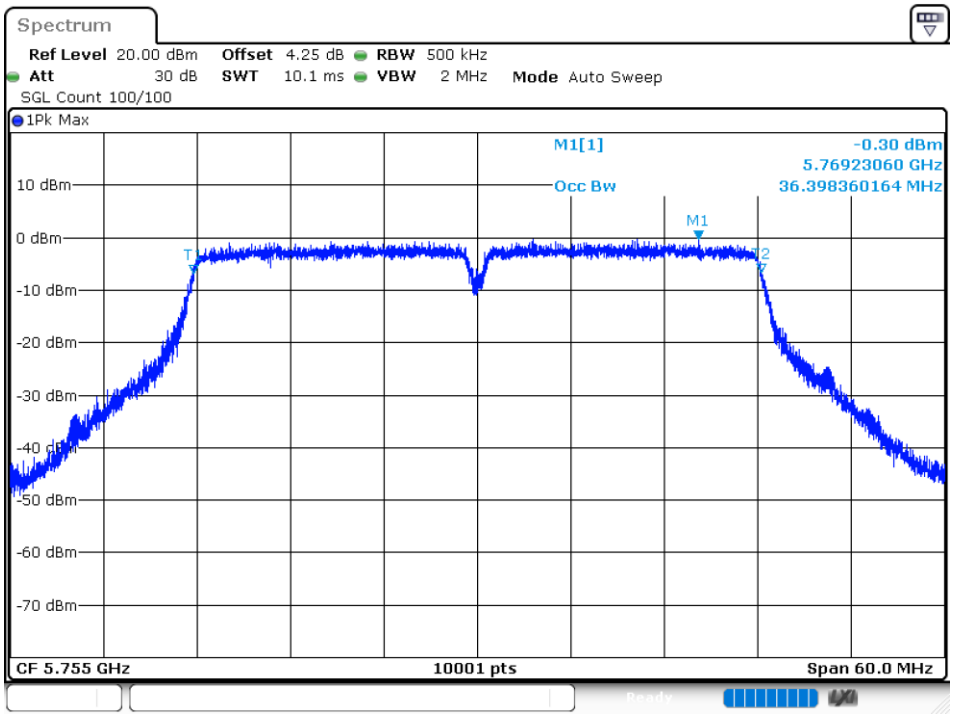
OBW NVNT ac20 5785MHz Ant2



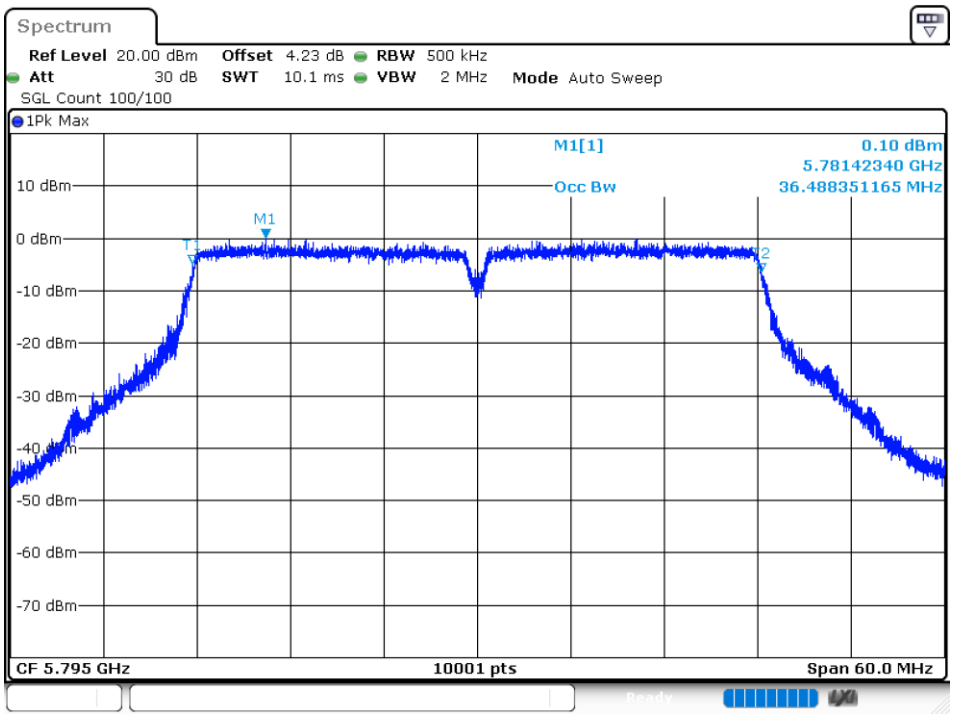
OBW NVNT ac20 5825MHz Ant2



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



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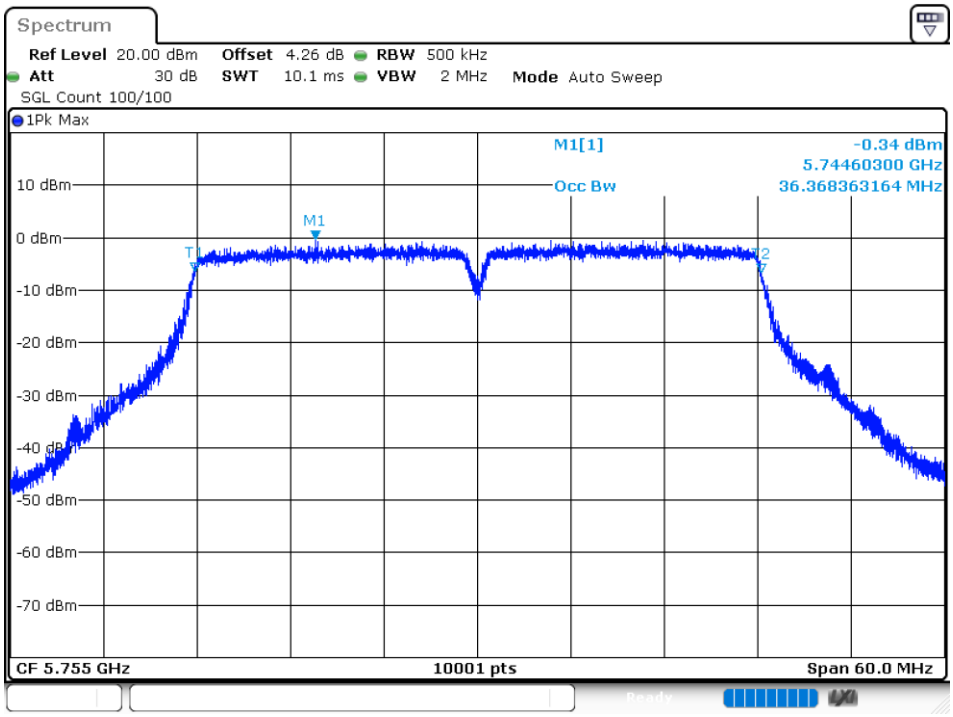
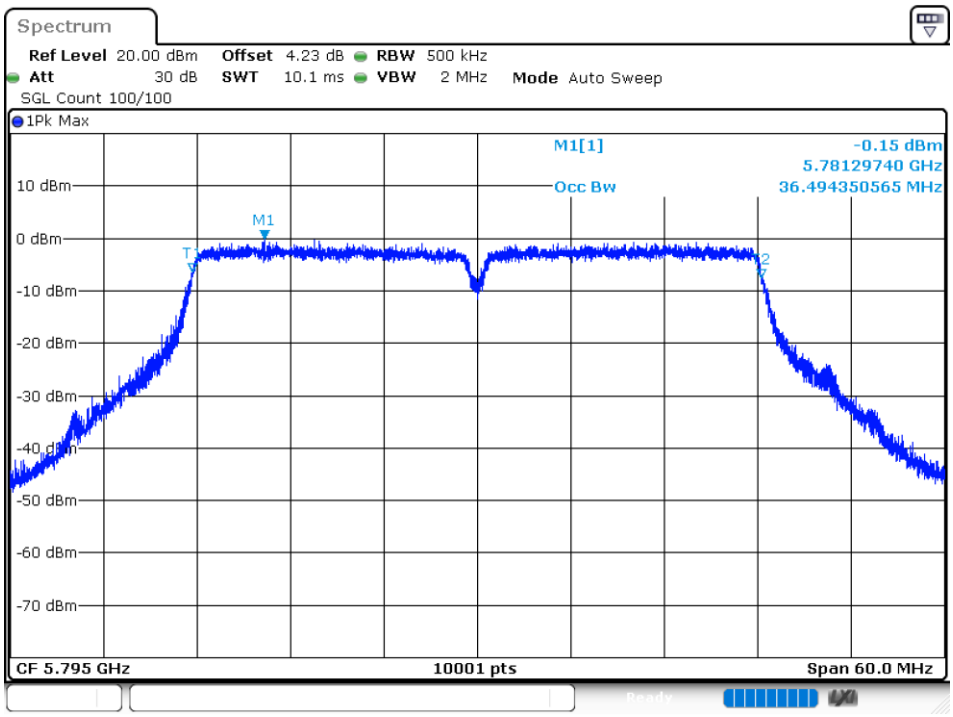
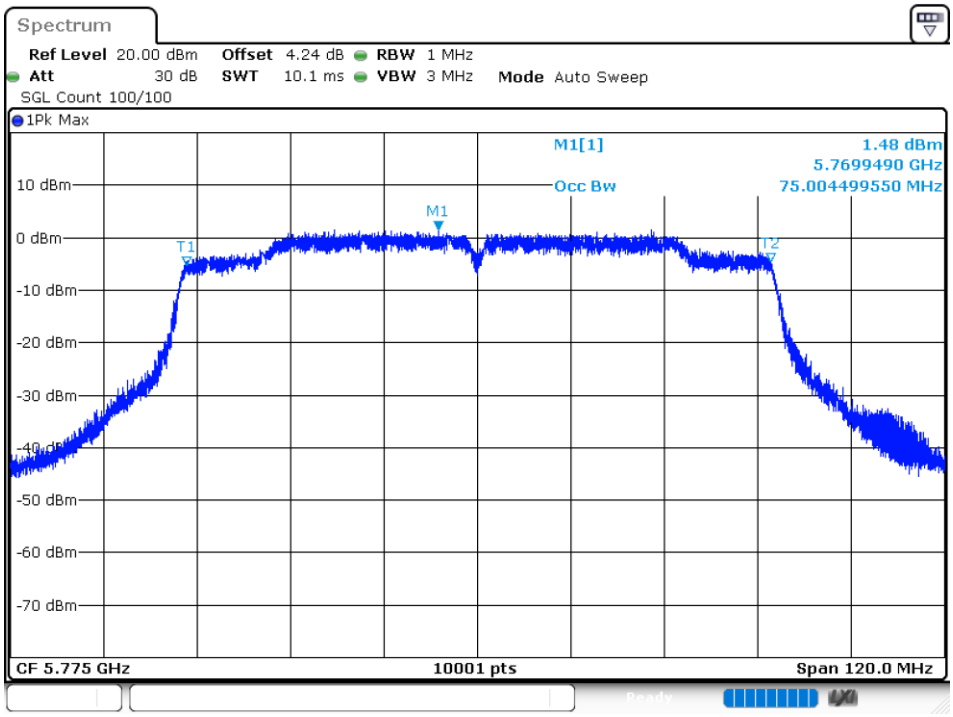


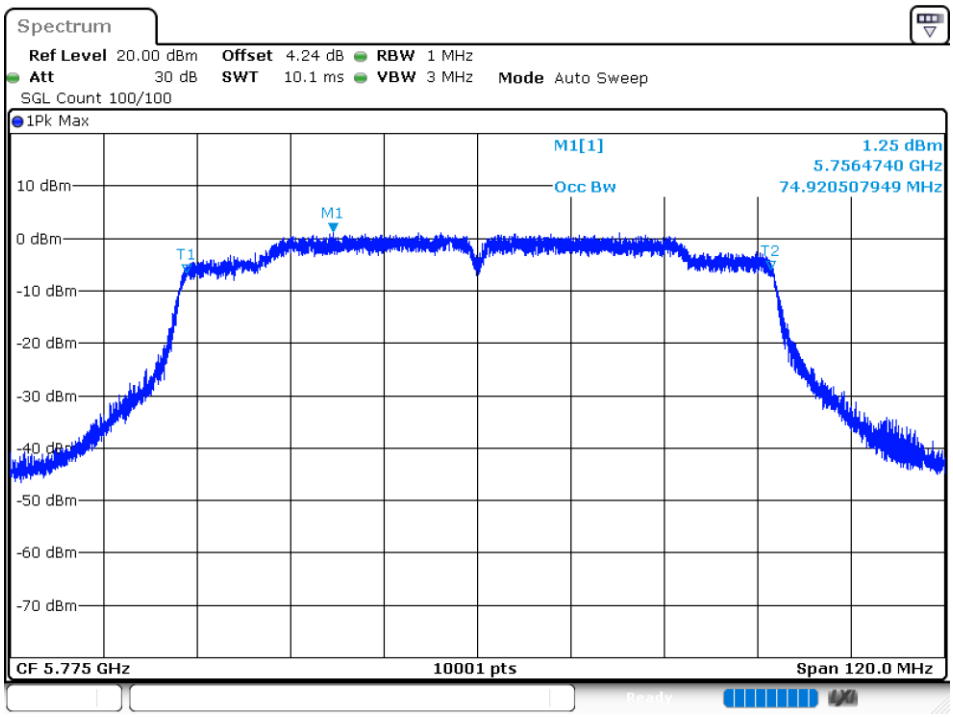
OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2

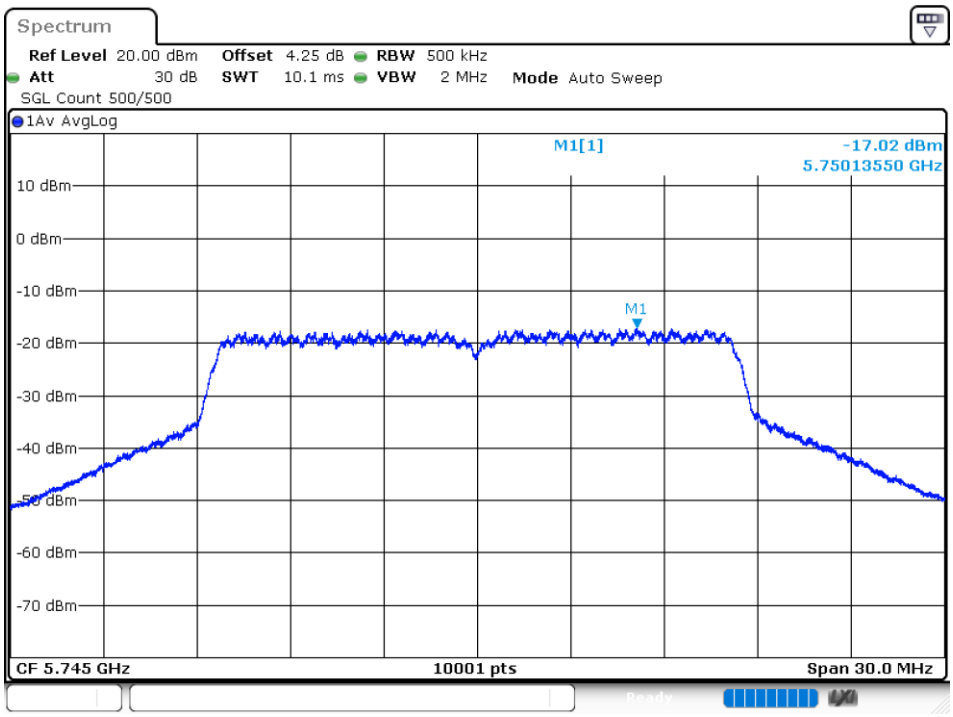


Maximum Power Spectral Density Level

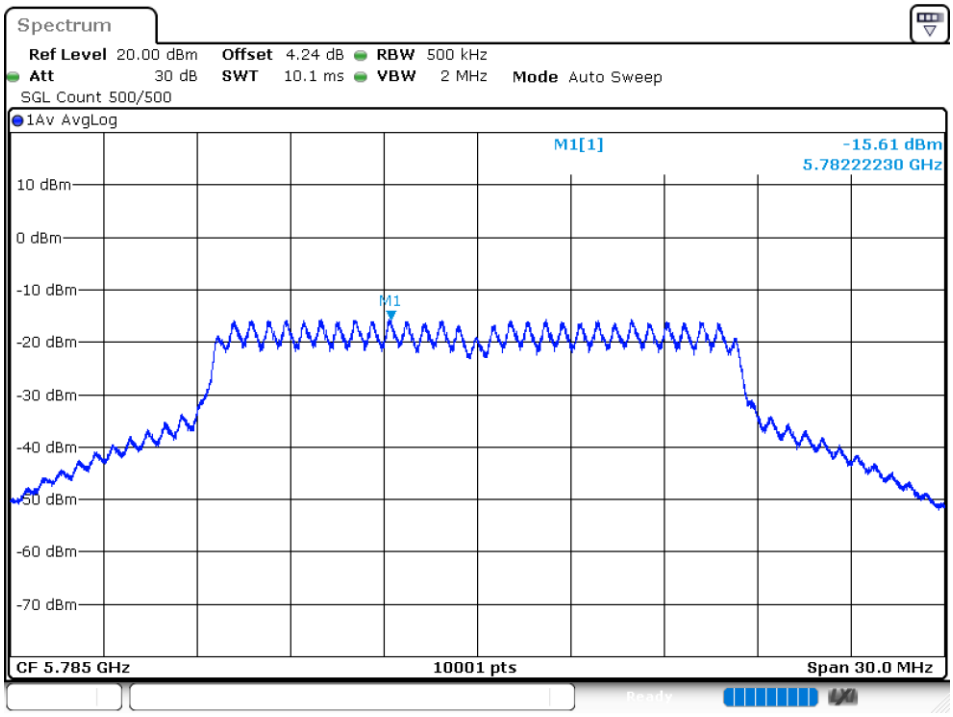
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-17.02	0.64	-16.38	30	Pass
NVNT	a	5785	Ant1	-15.61	0.91	-14.7	30	Pass
NVNT	a	5825	Ant1	-15.7	0.49	-15.21	30	Pass
NVNT	a	5745	Ant2	-14.75	0.91	-13.84	30	Pass
NVNT	a	5785	Ant2	-13.97	0.91	-13.06	30	Pass
NVNT	a	5825	Ant2	-14.19	0.91	-13.28	30	Pass
NVNT	n20	5745	Ant1	-14.48	0.8	-13.68	30	Pass
NVNT	n20	5785	Ant1	-15.34	0.8	-14.54	30	Pass
NVNT	n20	5825	Ant1	-15.91	0.45	-15.46	30	Pass
NVNT	n20	5745	Ant2	-12.9	0.79	-12.11	30	Pass
NVNT	n20	5785	Ant2	-12.68	0.79	-11.89	30	Pass
NVNT	n20	5825	Ant2	-14.97	0.79	-14.18	30	Pass
NVNT	n40	5755	Ant1	-17.33	0.51	-16.82	30	Pass
NVNT	n40	5795	Ant1	-17.34	0.77	-16.57	30	Pass
NVNT	n40	5755	Ant2	-14.47	0.78	-13.69	30	Pass
NVNT	n40	5795	Ant2	-15.48	0.78	-14.7	30	Pass
NVNT	ac20	5745	Ant1	-15.71	0.57	-15.14	30	Pass
NVNT	ac20	5785	Ant1	-15.19	0.84	-14.35	30	Pass
NVNT	ac20	5825	Ant1	-15.58	0.83	-14.75	30	Pass
NVNT	ac20	5745	Ant2	-12.91	0.84	-12.07	30	Pass
NVNT	ac20	5785	Ant2	-13.55	0.84	-12.71	30	Pass
NVNT	ac20	5825	Ant2	-12.92	0.84	-12.08	30	Pass
NVNT	ac40	5755	Ant1	-18.62	0.6	-18.02	30	Pass
NVNT	ac40	5795	Ant1	-18.62	0.51	-18.11	30	Pass
NVNT	ac40	5755	Ant2	-17.48	0.88	-16.6	30	Pass
NVNT	ac40	5795	Ant2	-15.89	0.87	-15.02	30	Pass
NVNT	ac80	5775	Ant1	-19.8	0.84	-18.96	30	Pass
NVNT	ac80	5775	Ant2	-18.61	0.86	-17.75	30	Pass

Test Graphs

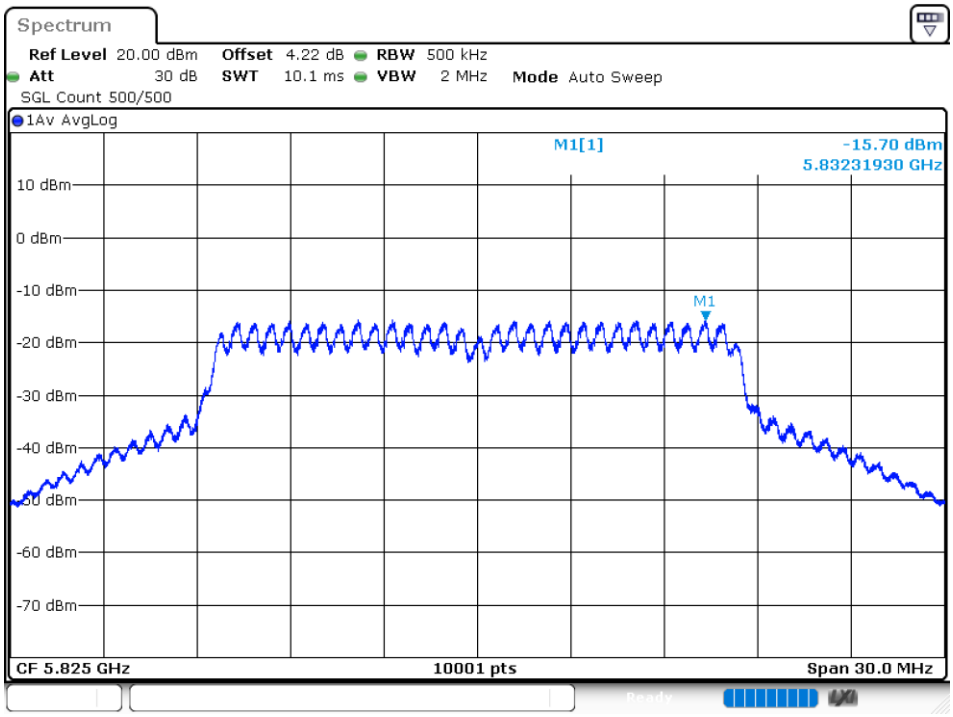
PSD NVNT a 5745MHz Ant1



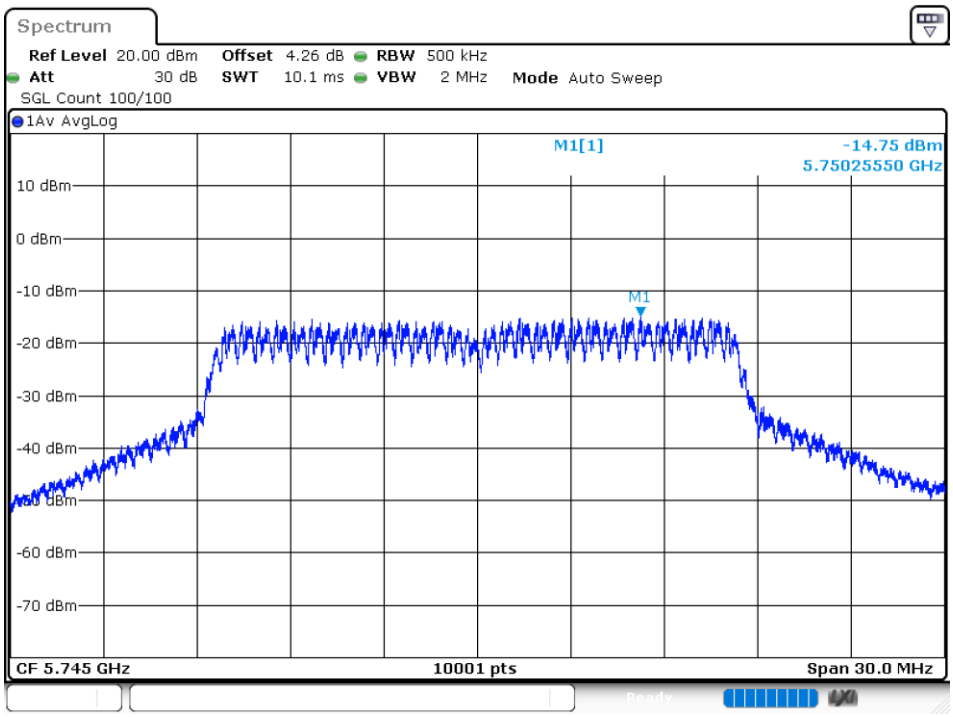
PSD NVNT a 5785MHz Ant1



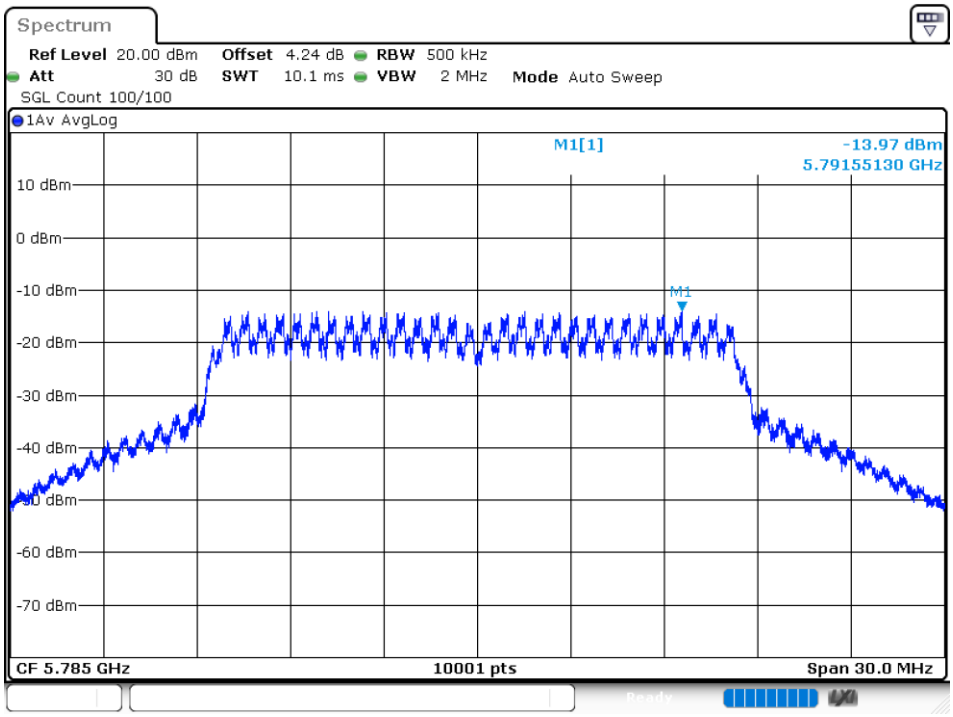
PSD NVNT a 5825MHz Ant1



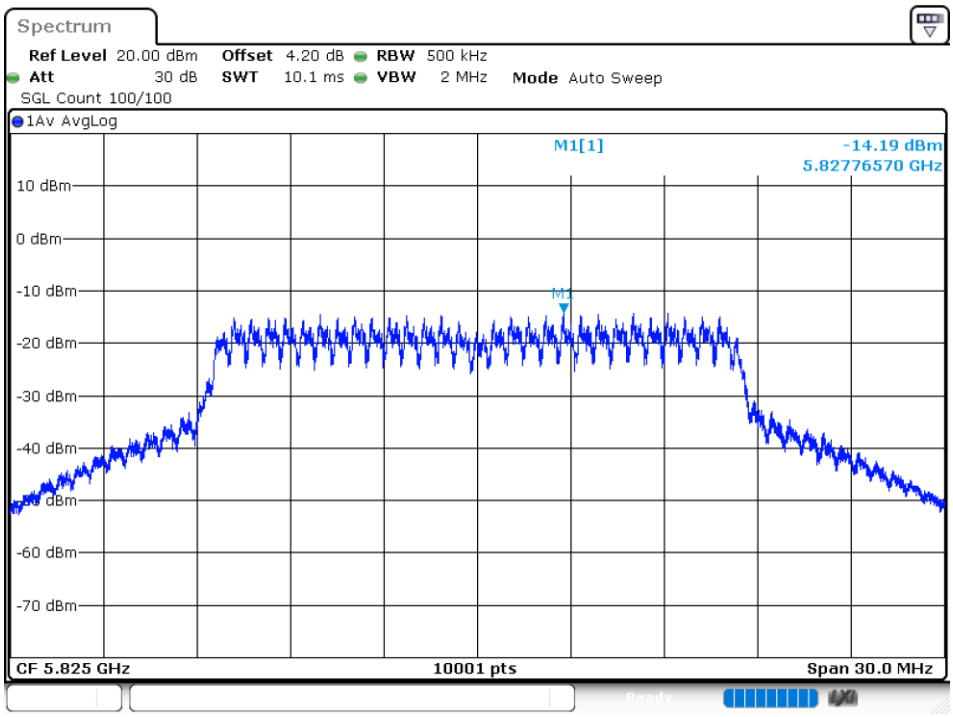
PSD NVNT a 5745MHz Ant2



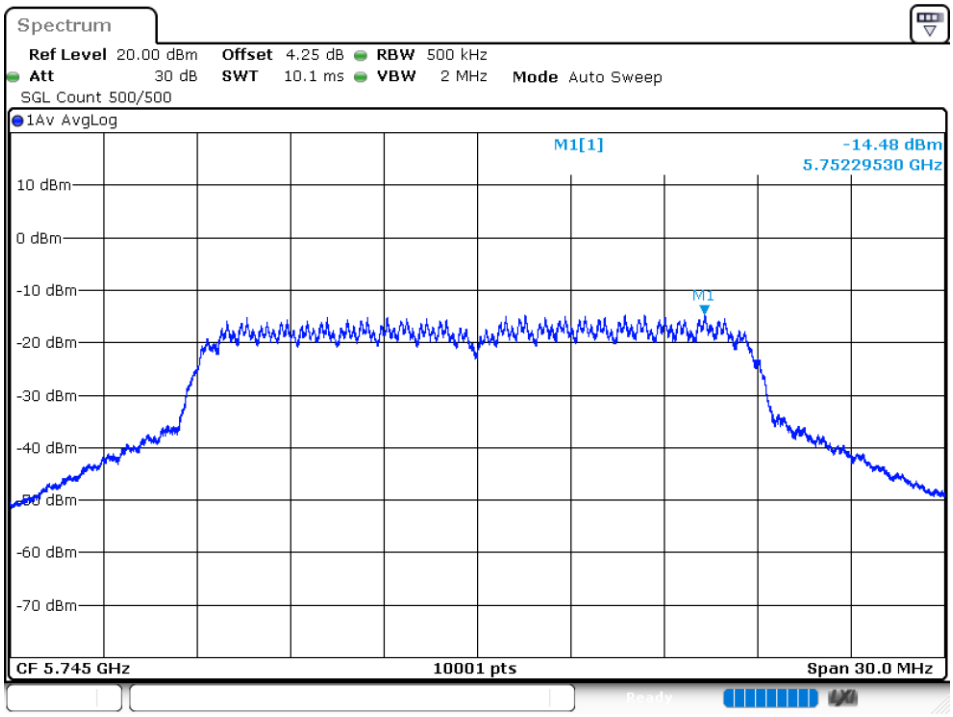
PSD NVNT a 5785MHz Ant2



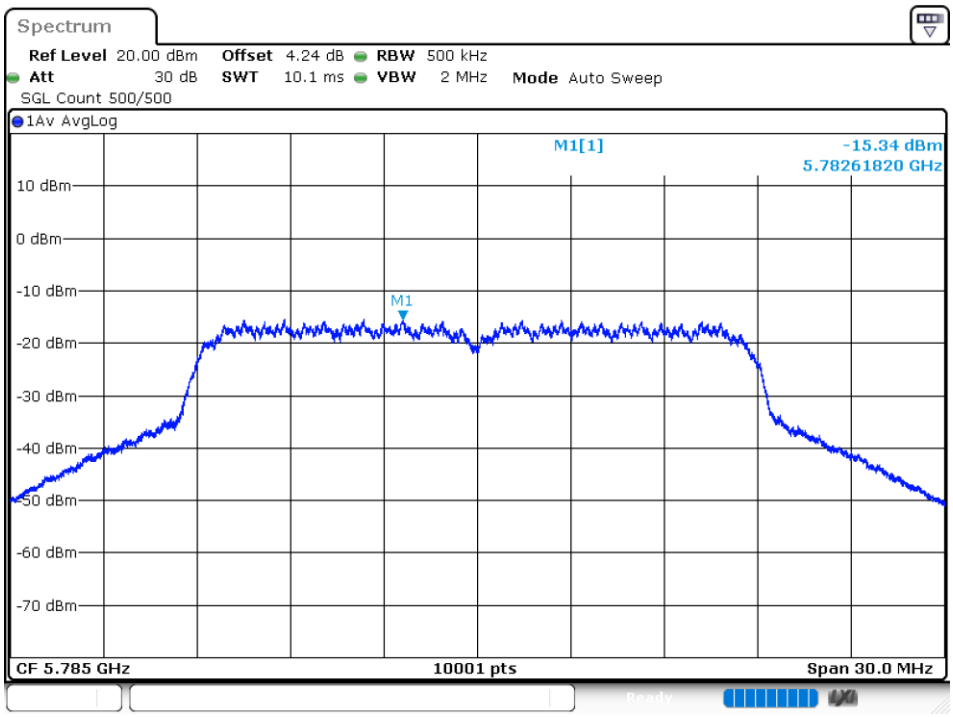
PSD NVNT a 5825MHz Ant2



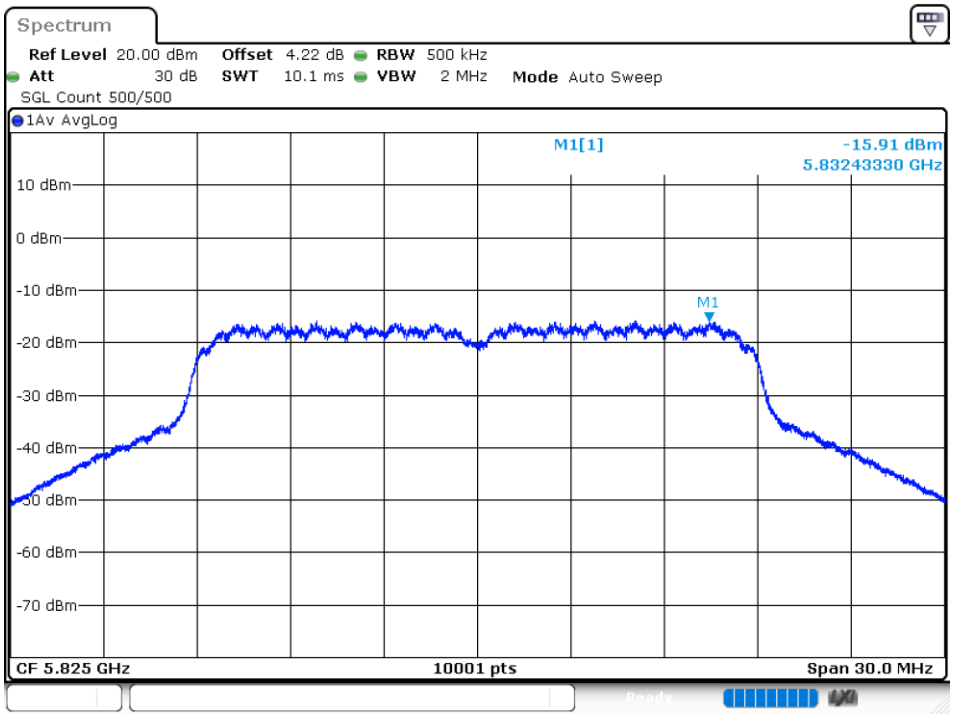
PSD NVNT n20 5745MHz Ant1



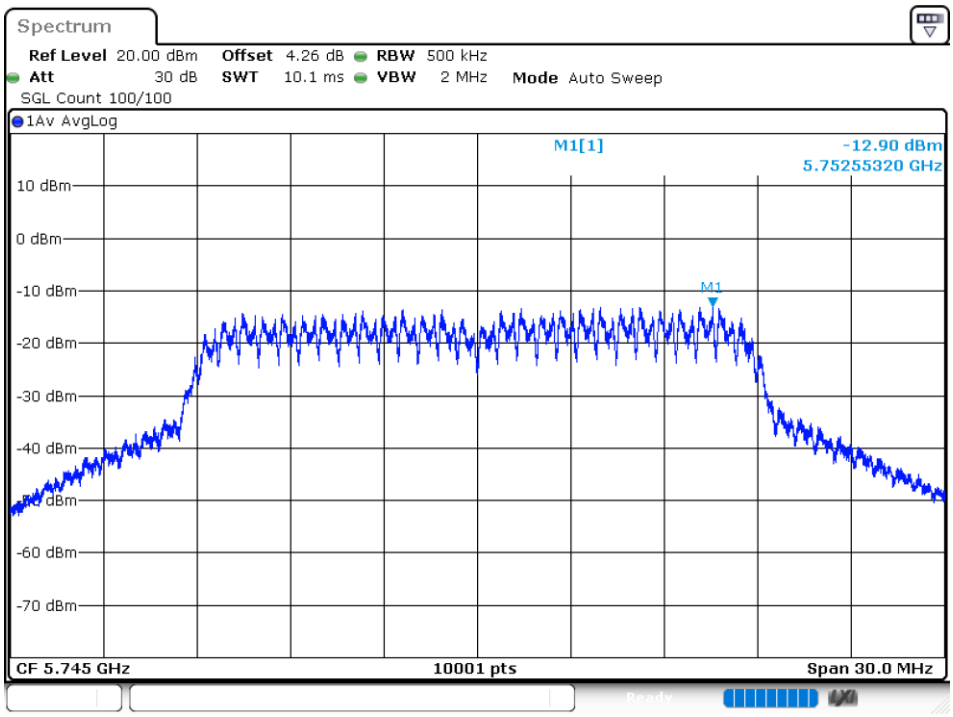
PSD NVNT n20 5785MHz Ant1



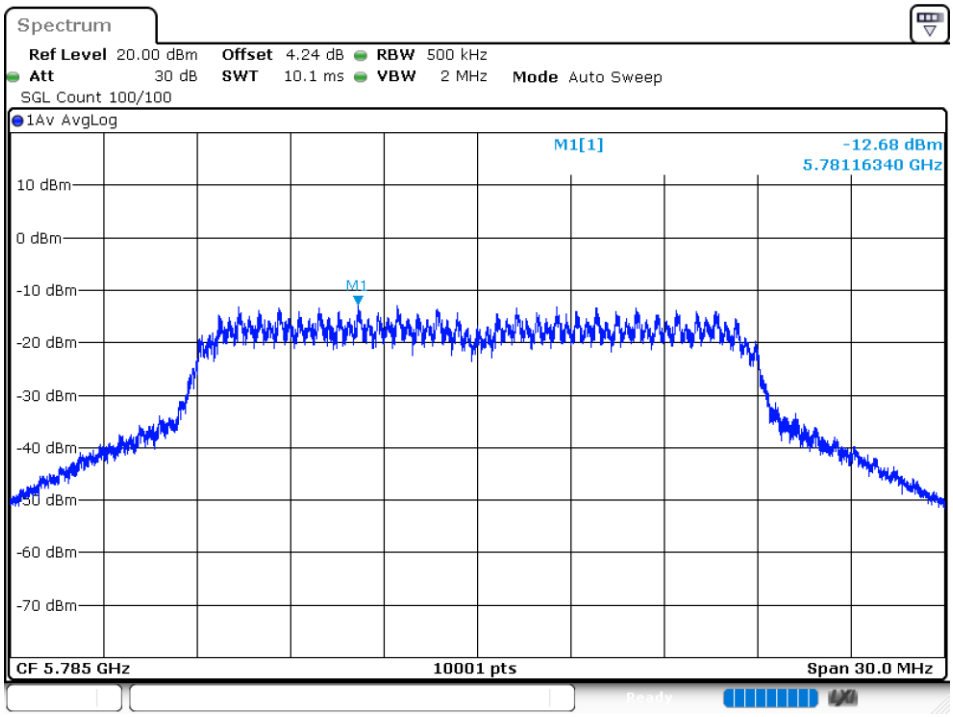
PSD NVNT n20 5825MHz Ant1



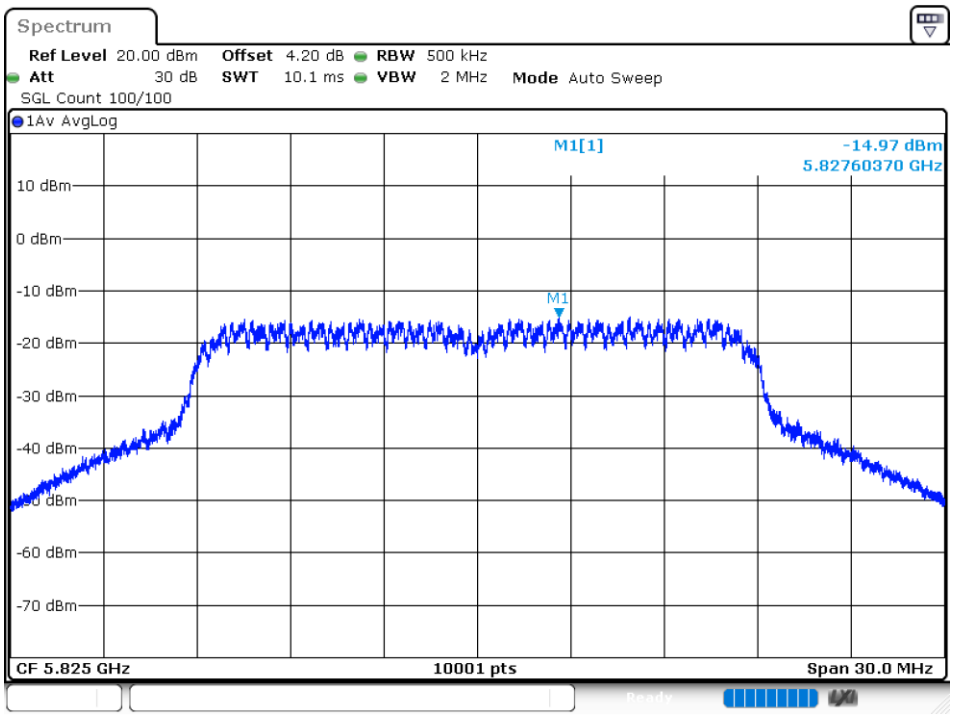
PSD NVNT n20 5745MHz Ant2



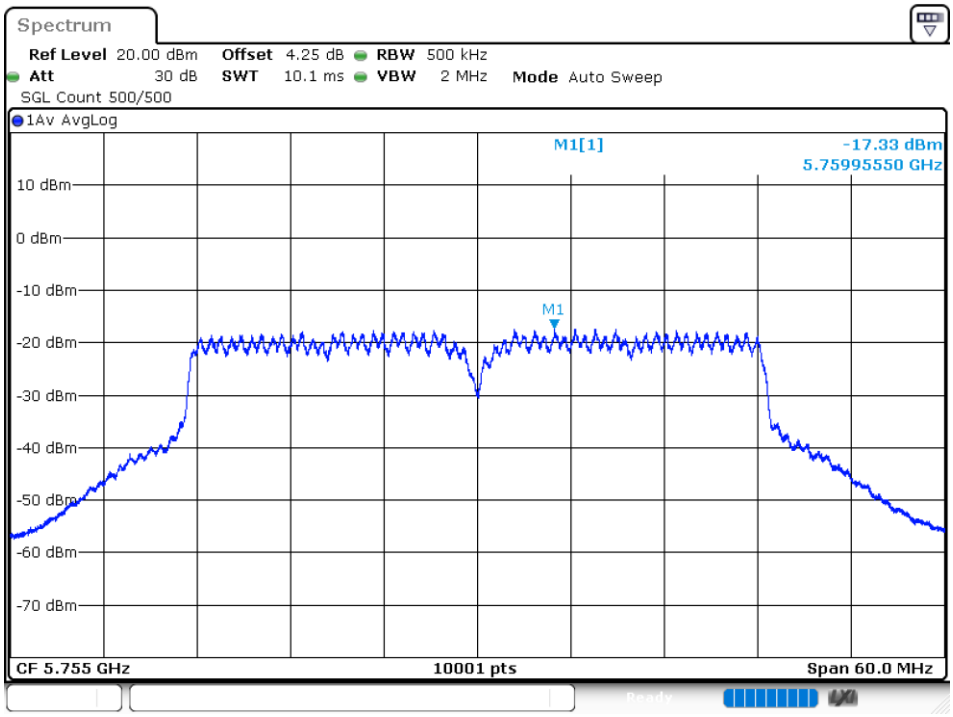
PSD NVNT n20 5785MHz Ant2



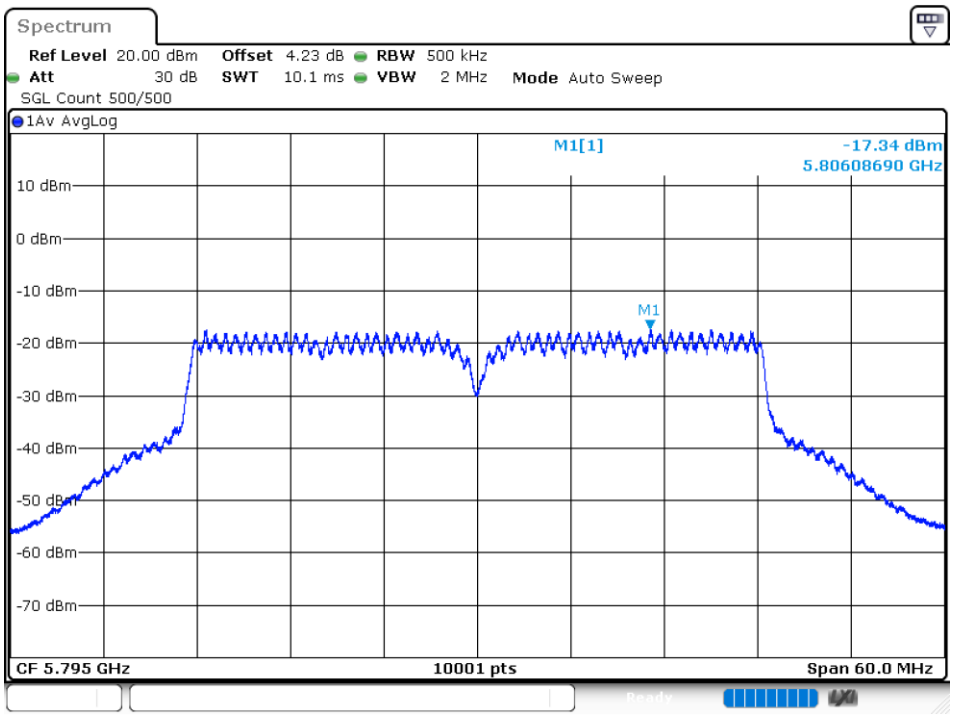
PSD NVNT n20 5825MHz Ant2



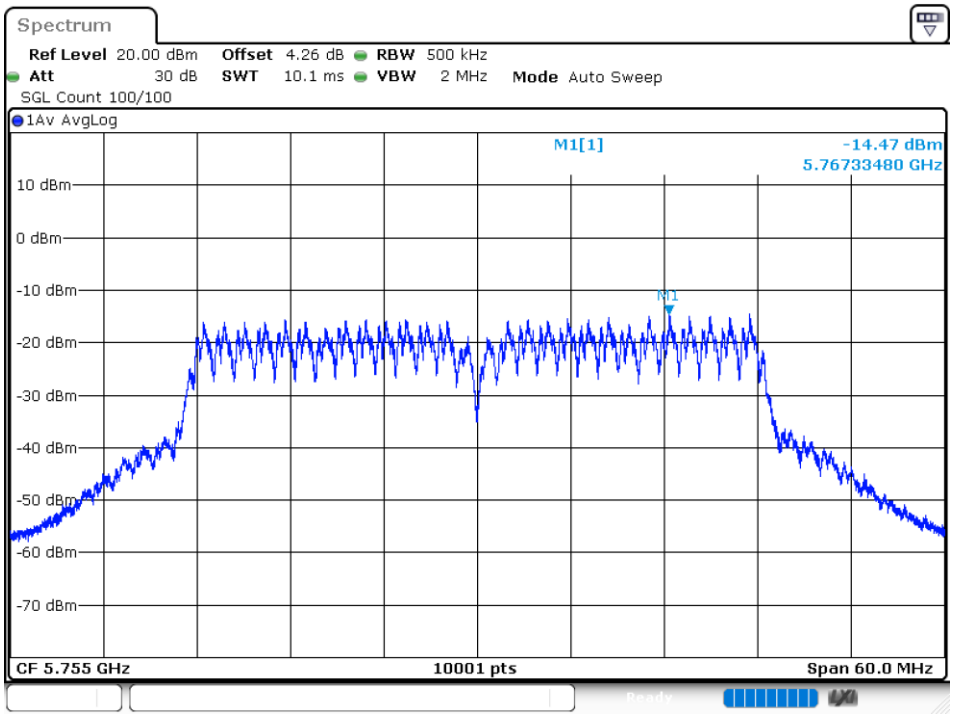
PSD NVNT n40 5755MHz Ant1



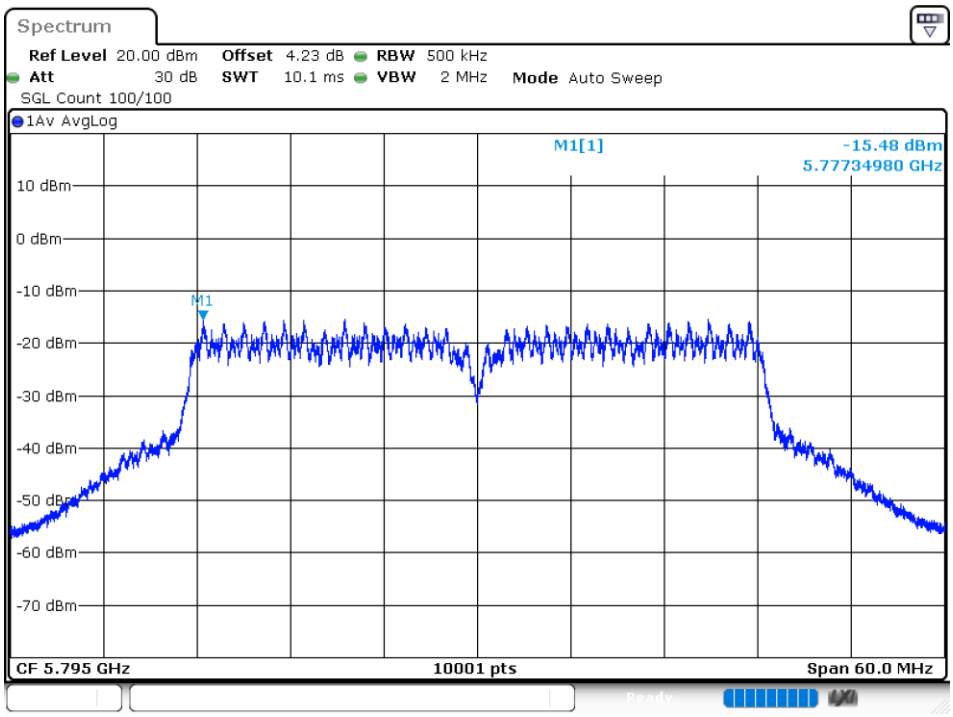
PSD NVNT n40 5795MHz Ant1



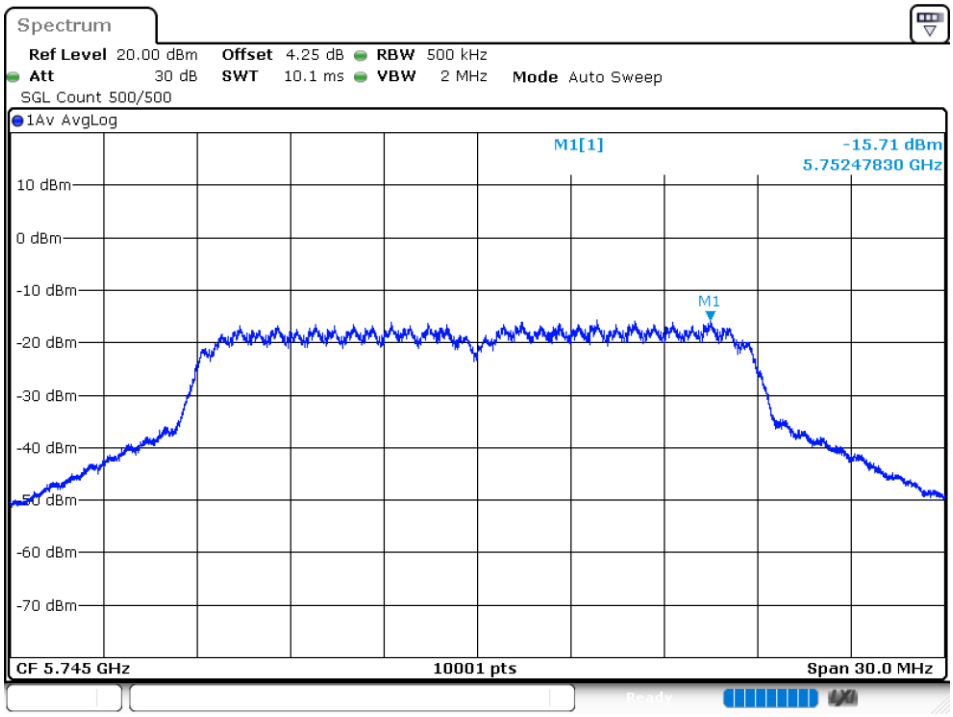
PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2



PSD NVNT ac20 5745MHz Ant1



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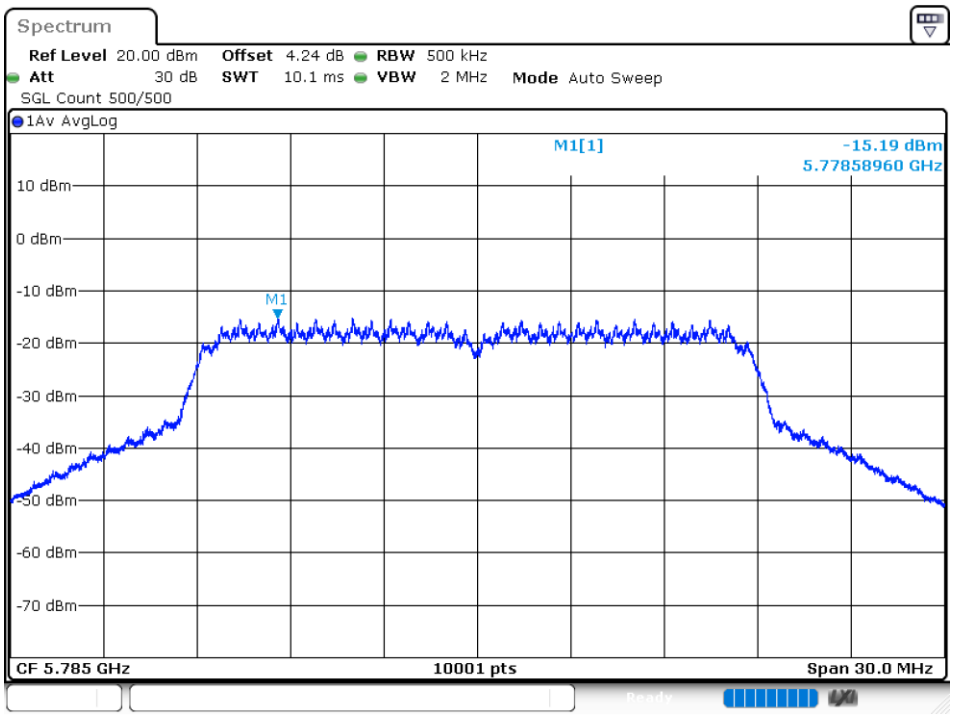
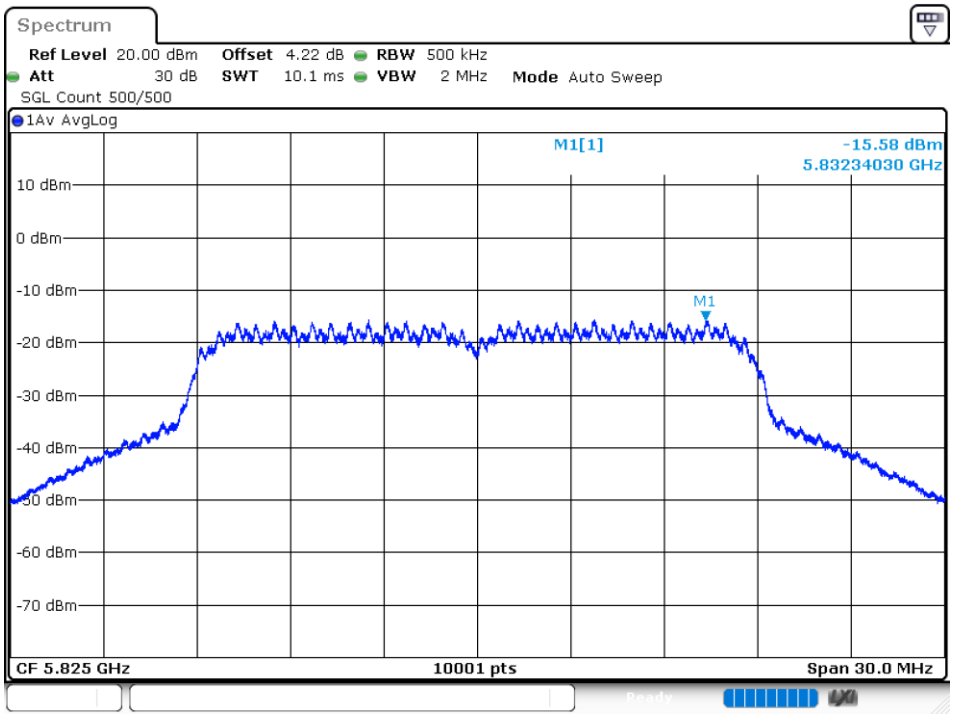
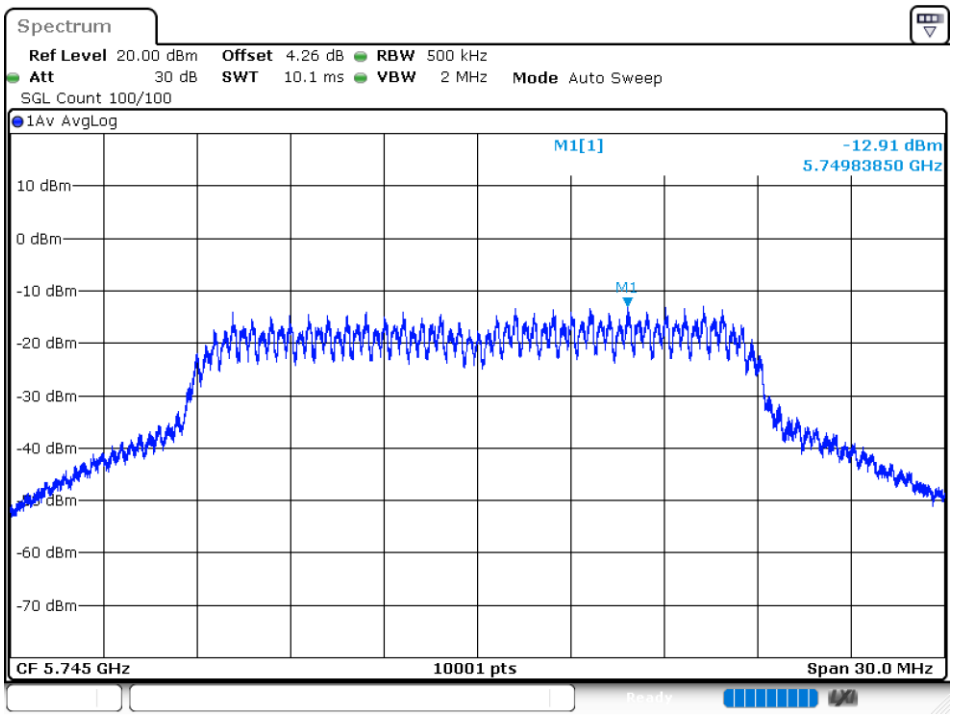


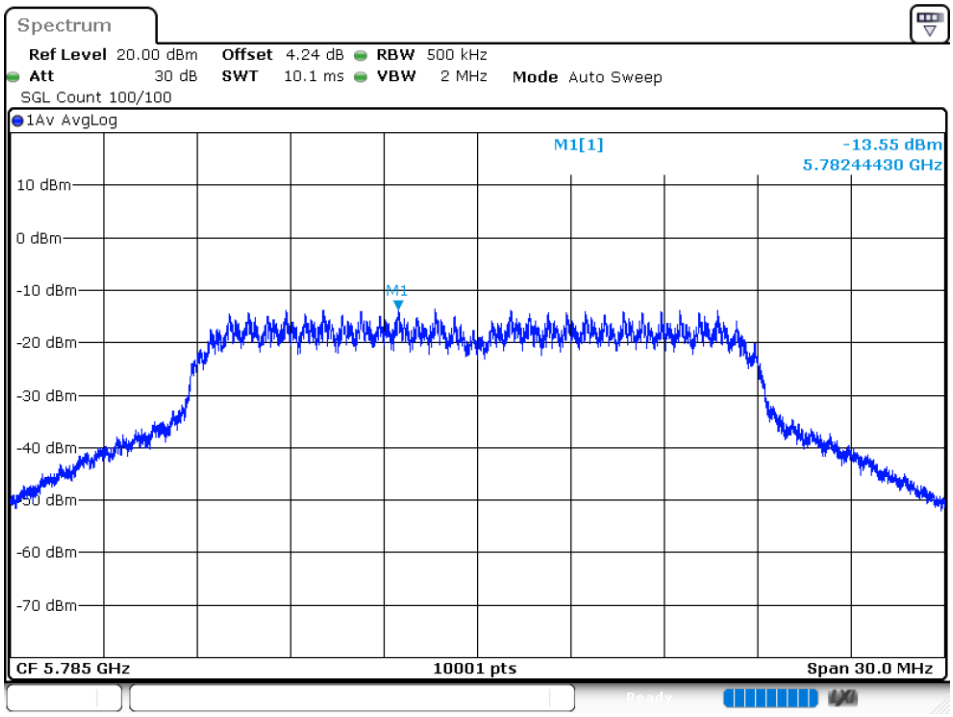
PSD NVNT ac20 5825MHz Ant1



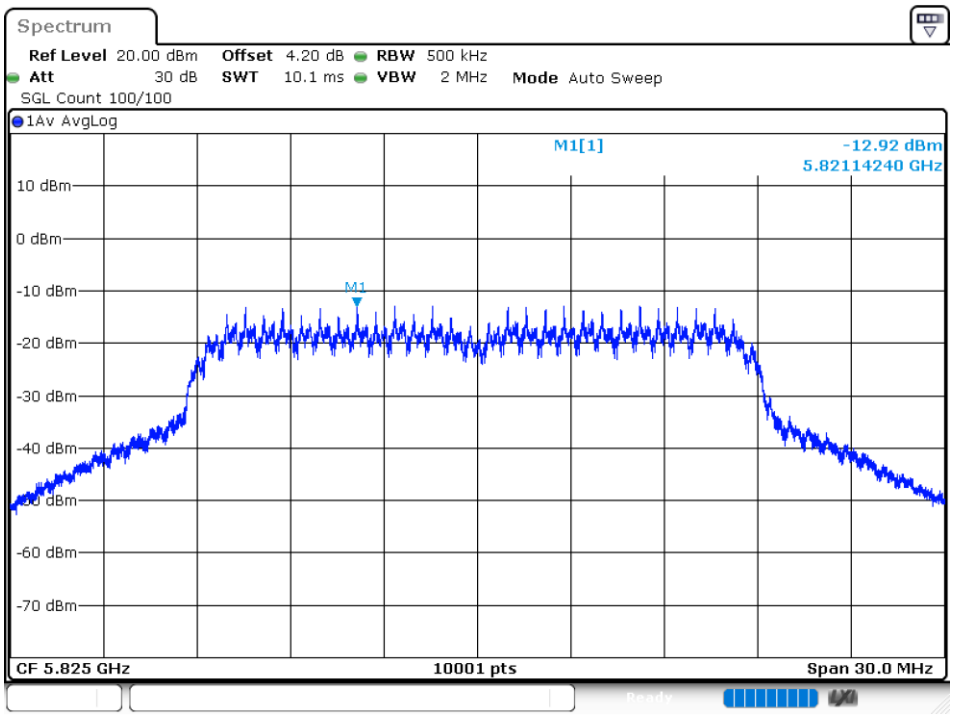
PSD NVNT ac20 5745MHz Ant2



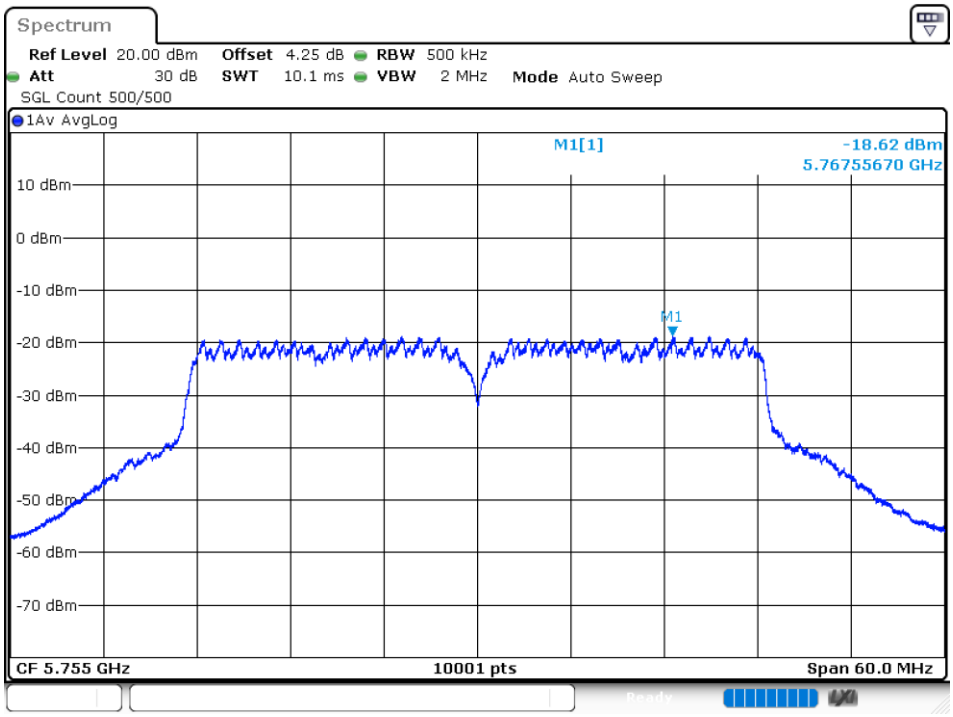
PSD NVNT ac20 5785MHz Ant2



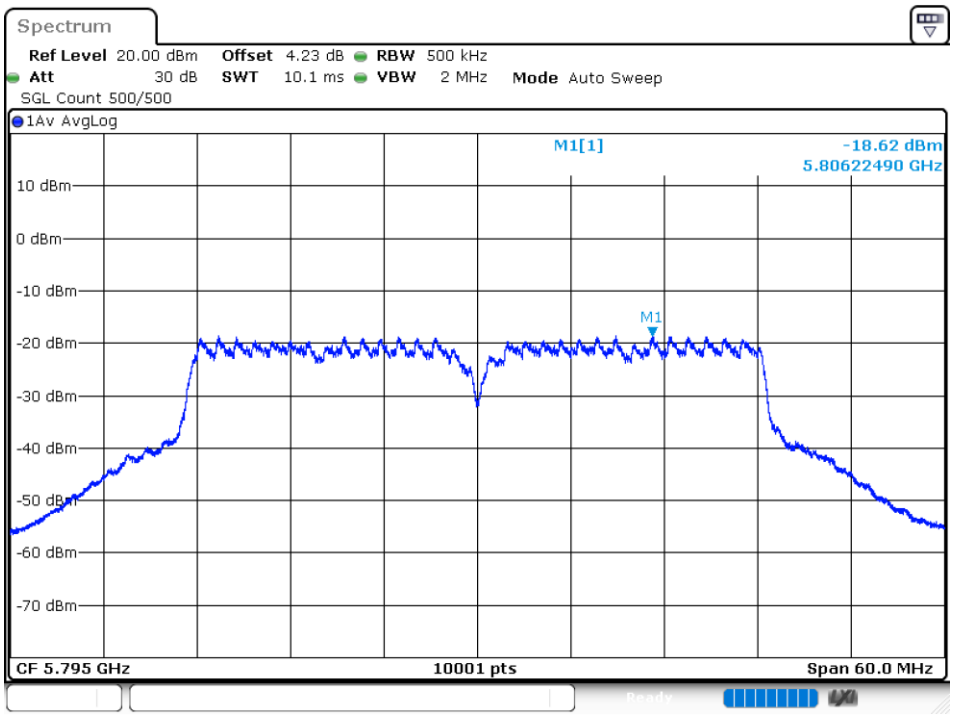
PSD NVNT ac20 5825MHz Ant2



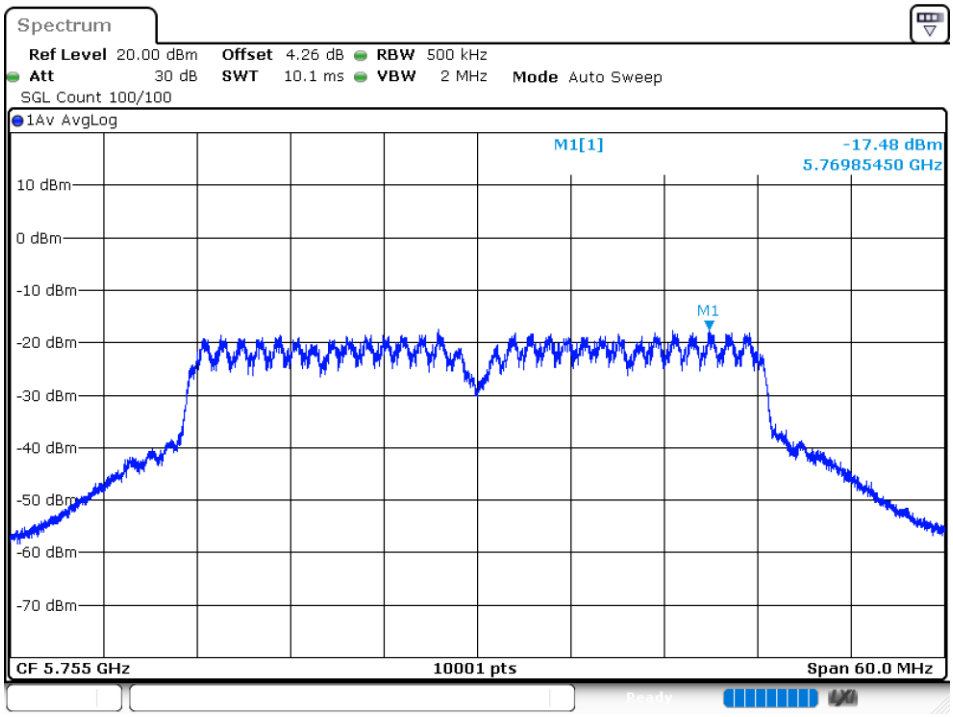
PSD NVNT ac40 5755MHz Ant1



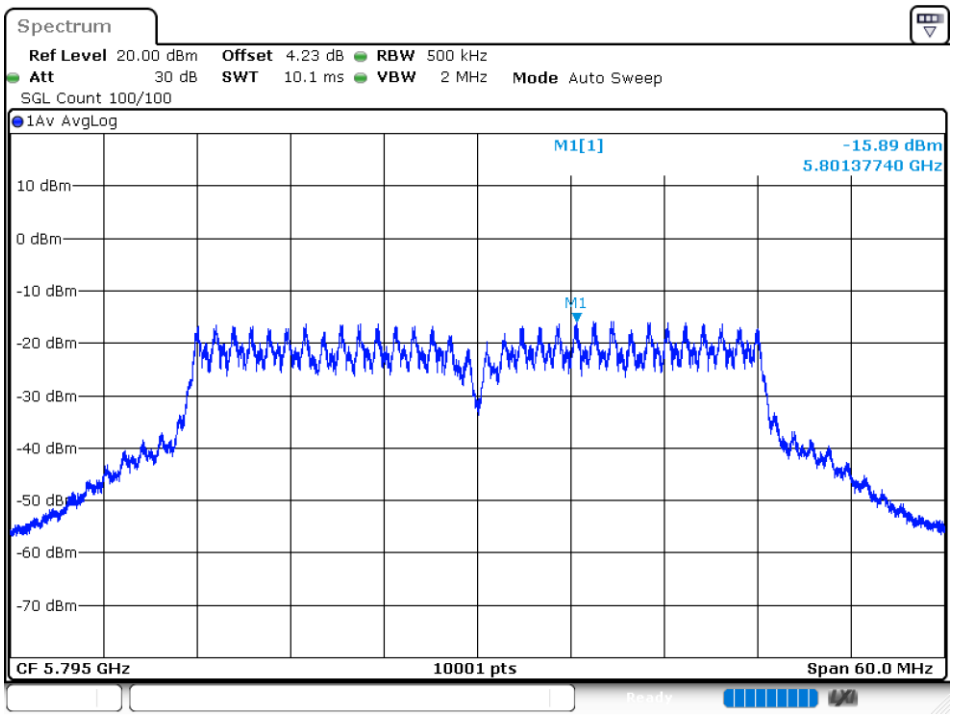
PSD NVNT ac40 5795MHz Ant1



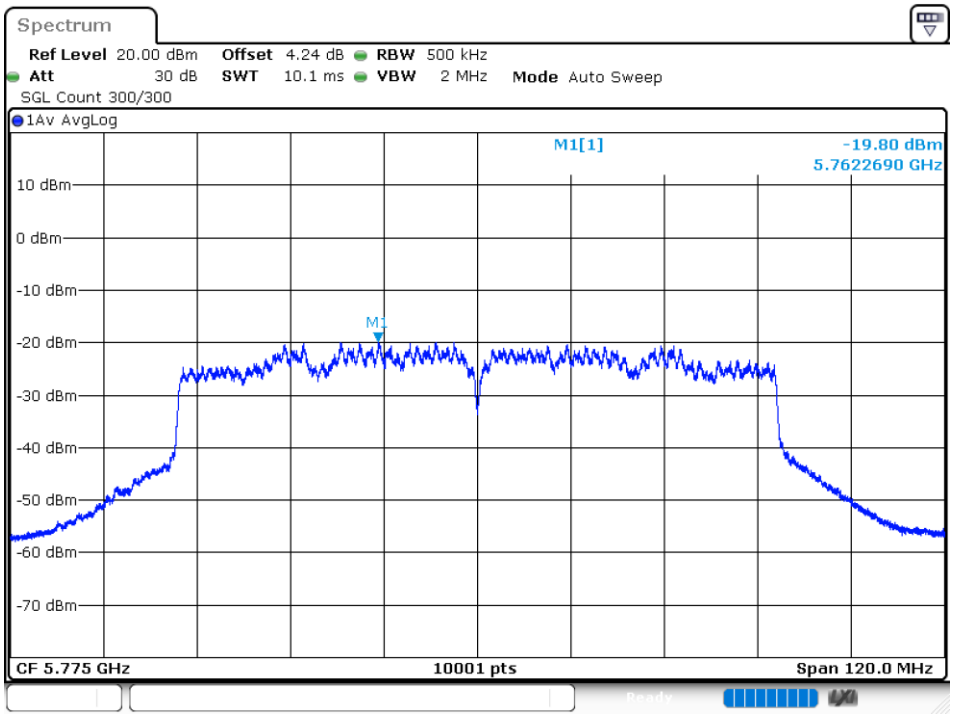
PSD NVNT ac40 5755MHz Ant2



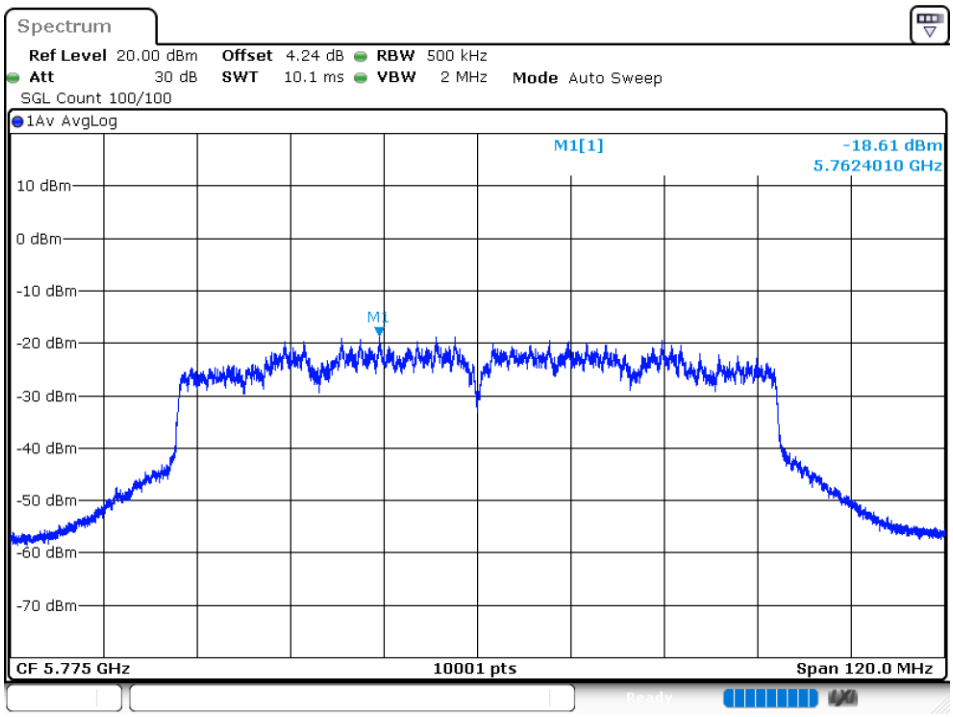
PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2

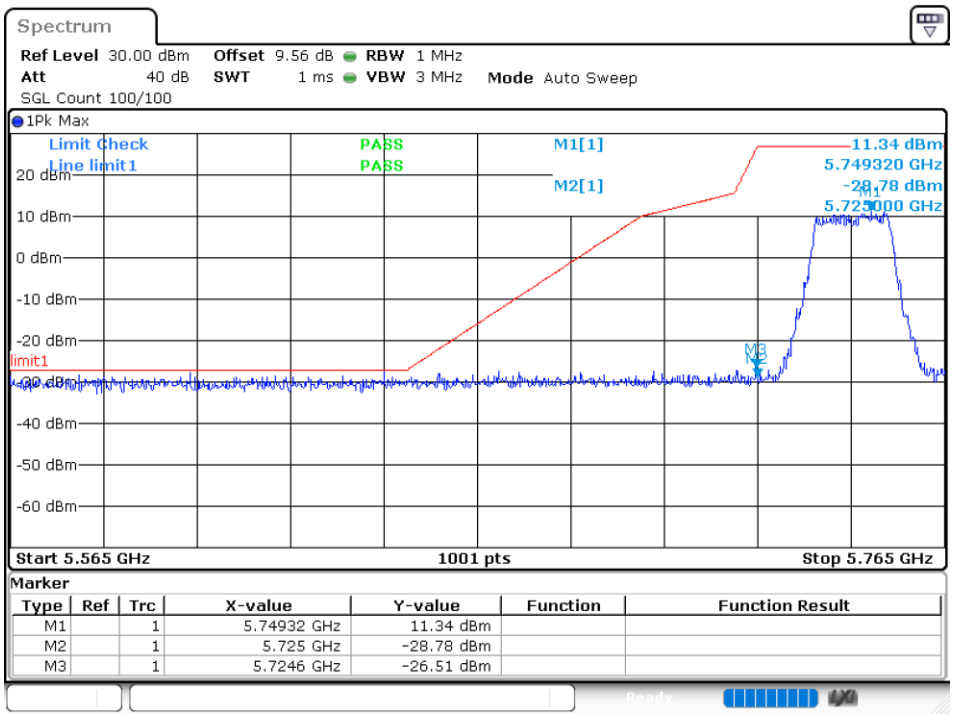


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.51	Pass
NVNT	a	5825	Ant1	-30.18	Pass
NVNT	a	5745	Ant2	-30.51	Pass
NVNT	a	5825	Ant2	-30.44	Pass
NVNT	n20	5745	Ant1	-27.18	Pass
NVNT	n20	5825	Ant1	-29.79	Pass
NVNT	n20	5745	Ant2	-31.32	Pass
NVNT	n20	5825	Ant2	-30.61	Pass
NVNT	n40	5755	Ant1	-27.11	Pass
NVNT	n40	5795	Ant1	-30.51	Pass
NVNT	n40	5755	Ant2	-31.83	Pass
NVNT	n40	5795	Ant2	-30.22	Pass
NVNT	ac20	5745	Ant1	-27.46	Pass
NVNT	ac20	5825	Ant1	-29.53	Pass
NVNT	ac20	5745	Ant2	-31.04	Pass
NVNT	ac20	5825	Ant2	-30.36	Pass
NVNT	ac40	5755	Ant1	-26.45	Pass
NVNT	ac40	5795	Ant1	-30.18	Pass
NVNT	ac40	5755	Ant2	-32.19	Pass
NVNT	ac40	5795	Ant2	-30.79	Pass
NVNT	ac80	5775	Ant1	-26.23	Pass
NVNT	ac80	5775	Ant2	-30.35	Pass

Test Graphs

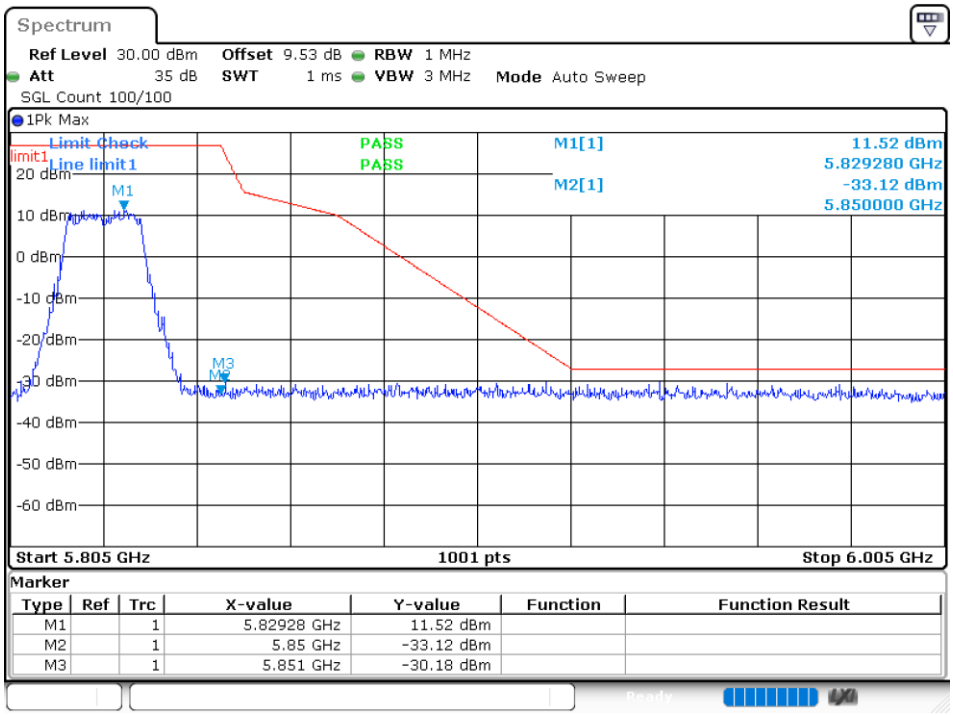
Band Edge NVNT a 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74932 GHz	11.34 dBm		
M2		1	5.725 GHz	-28.78 dBm		
M3		1	5.7246 GHz	-26.51 dBm		

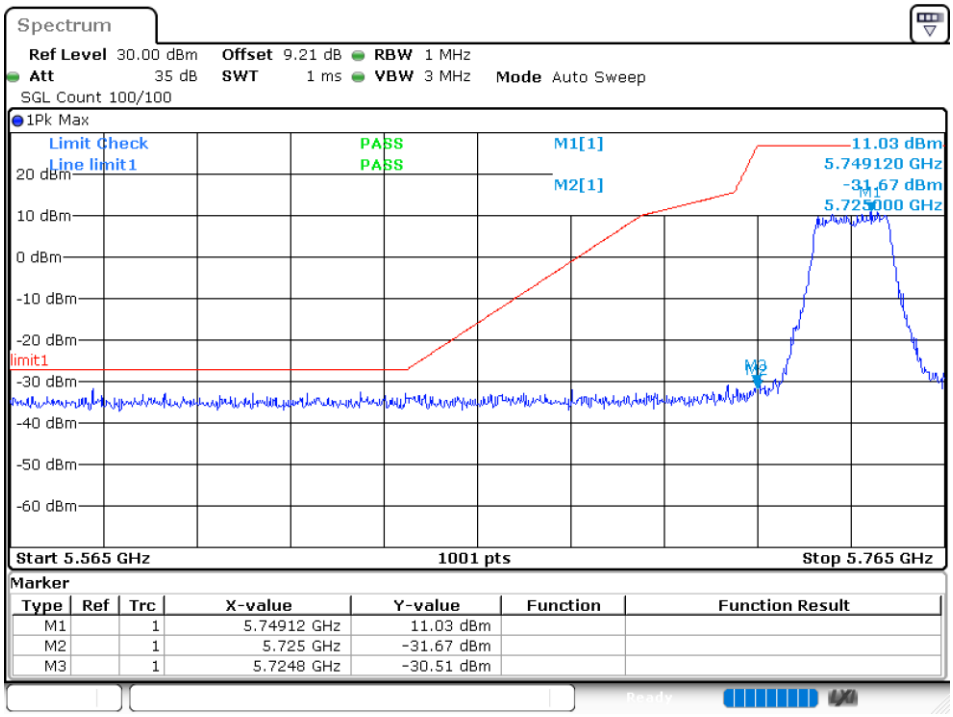
Band Edge NVNT a 5825MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82928 GHz	11.52 dBm		
M2		1	5.85 GHz	-33.12 dBm		
M3		1	5.851 GHz	-30.18 dBm		

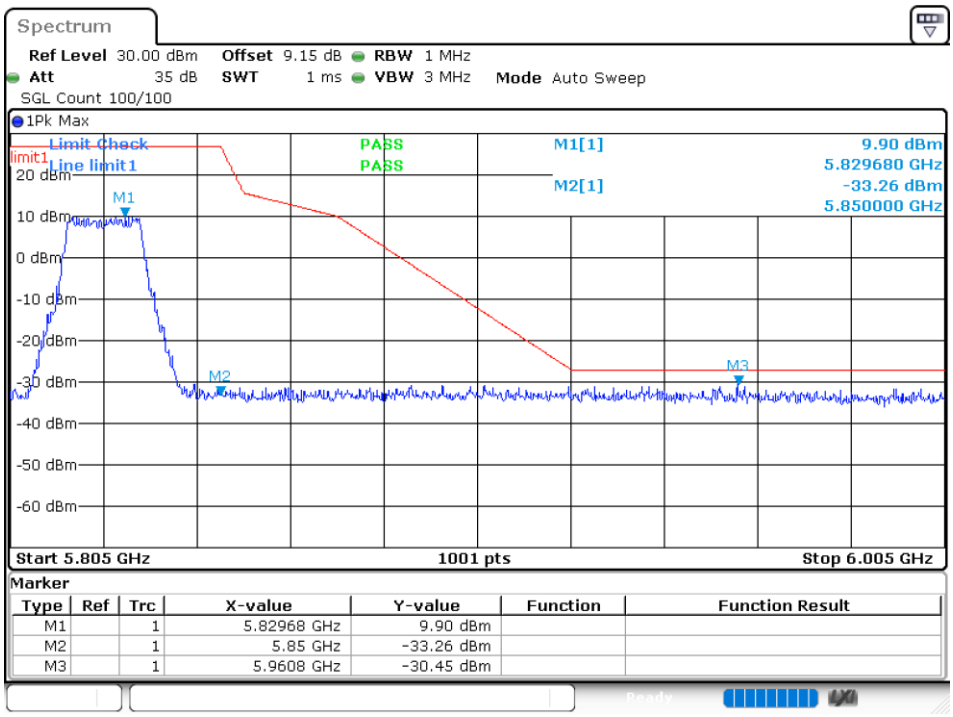
Band Edge NVNT a 5745MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74912 GHz	11.03 dBm		
M2		1	5.725 GHz	-31.67 dBm		
M3		1	5.7248 GHz	-30.51 dBm		

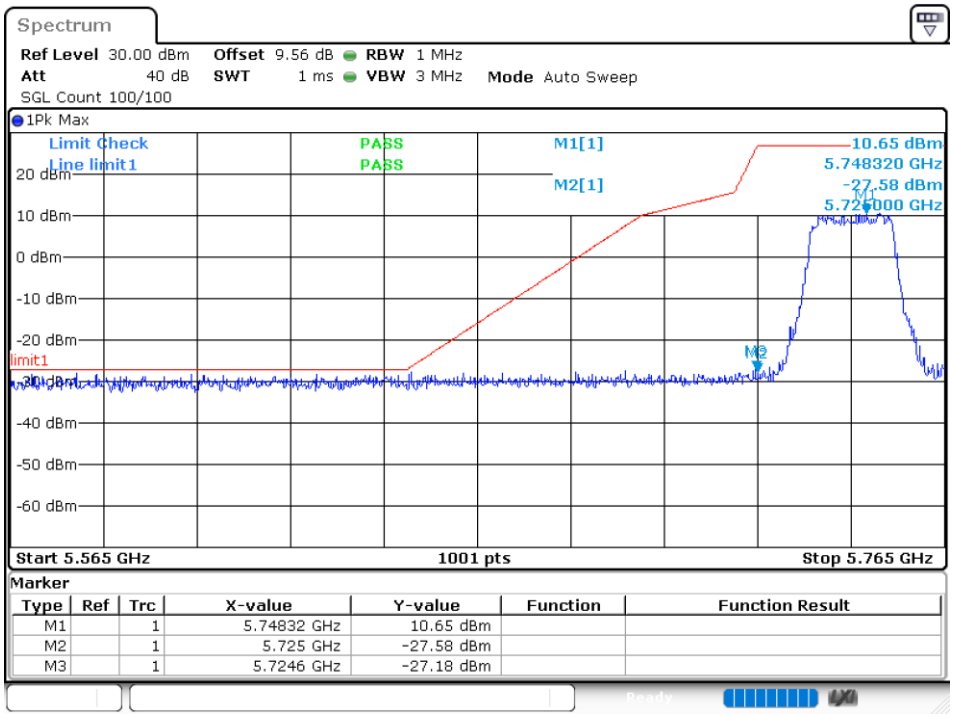
Band Edge NVNT a 5825MHz High Ant2



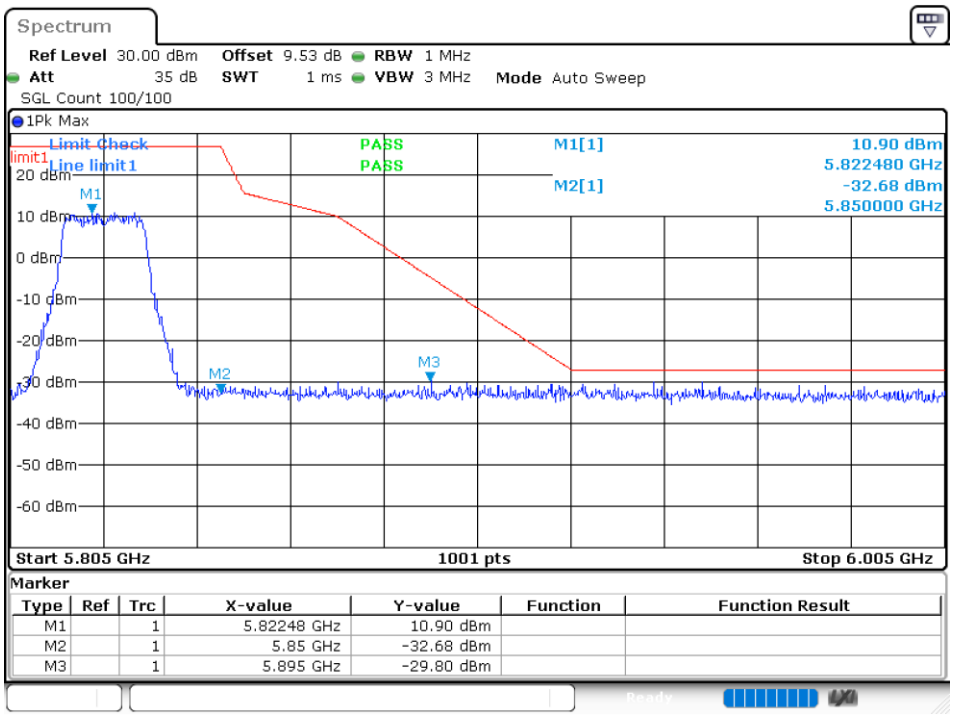
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82968 GHz	9.90 dBm		
M2		1	5.85 GHz	-33.26 dBm		
M3		1	5.9608 GHz	-30.45 dBm		

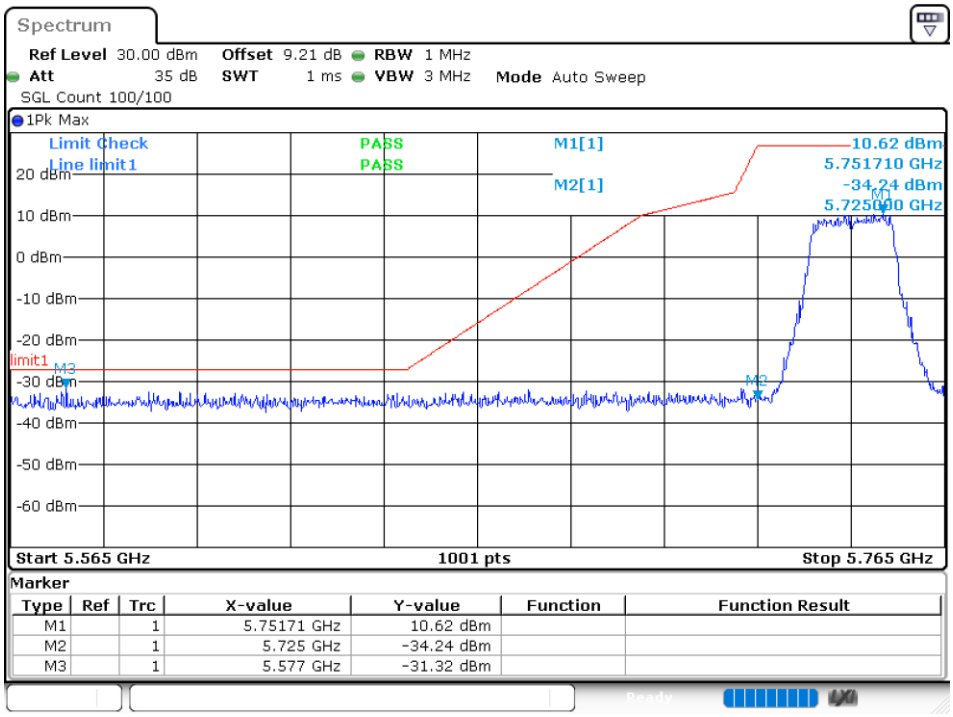
Band Edge NVNT n20 5745MHz Low Ant1



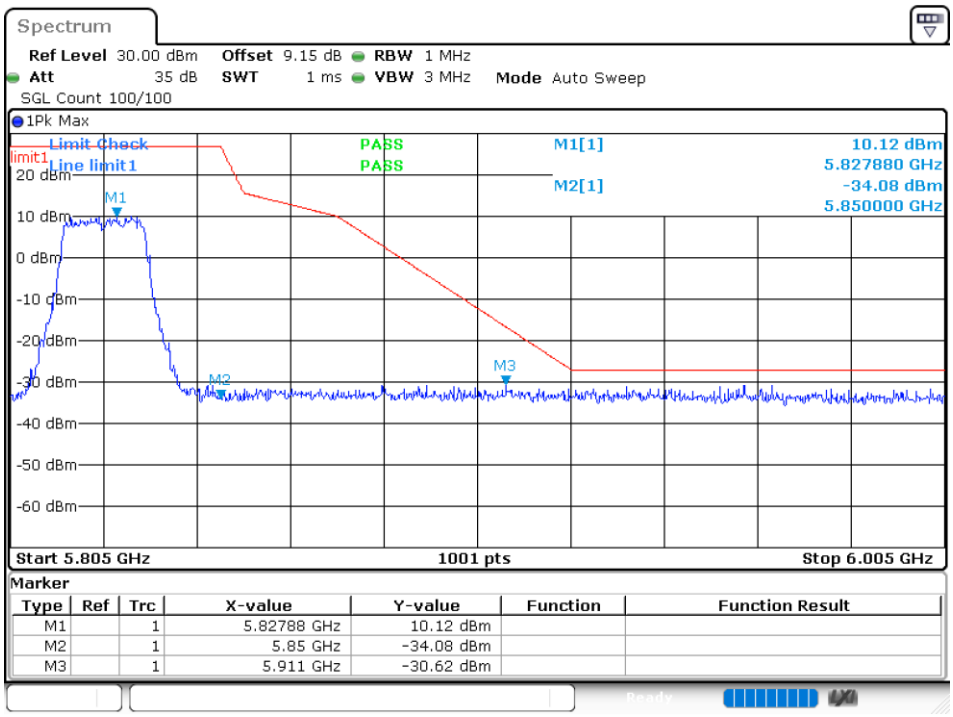
Band Edge NVNT n20 5825MHz High Ant1



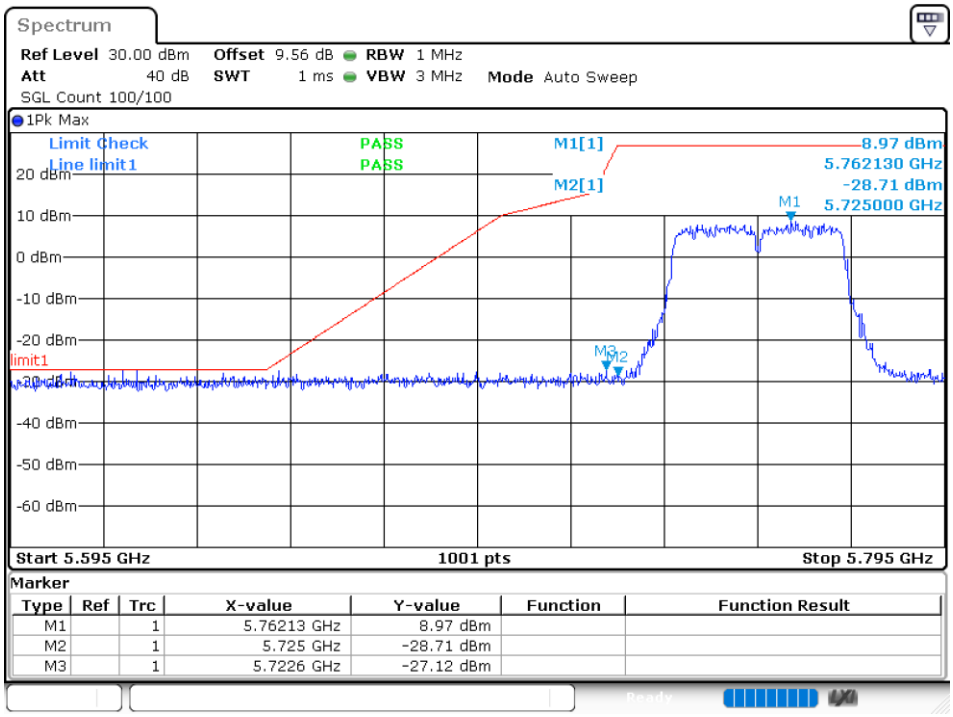
Band Edge NVNT n20 5745MHz Low Ant2



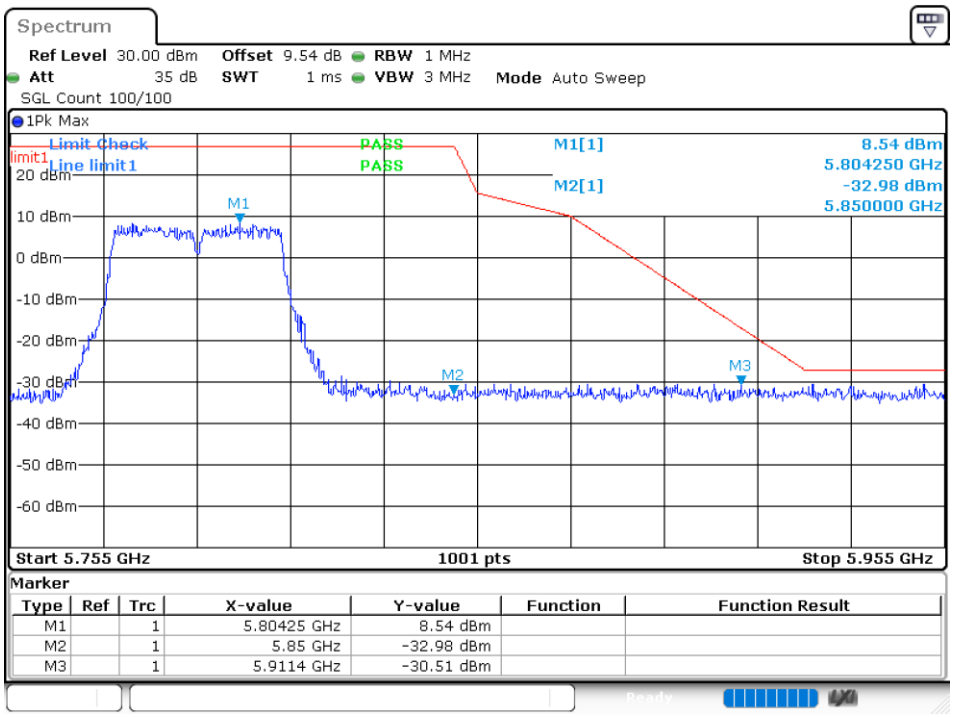
Band Edge NVNT n20 5825MHz High Ant2



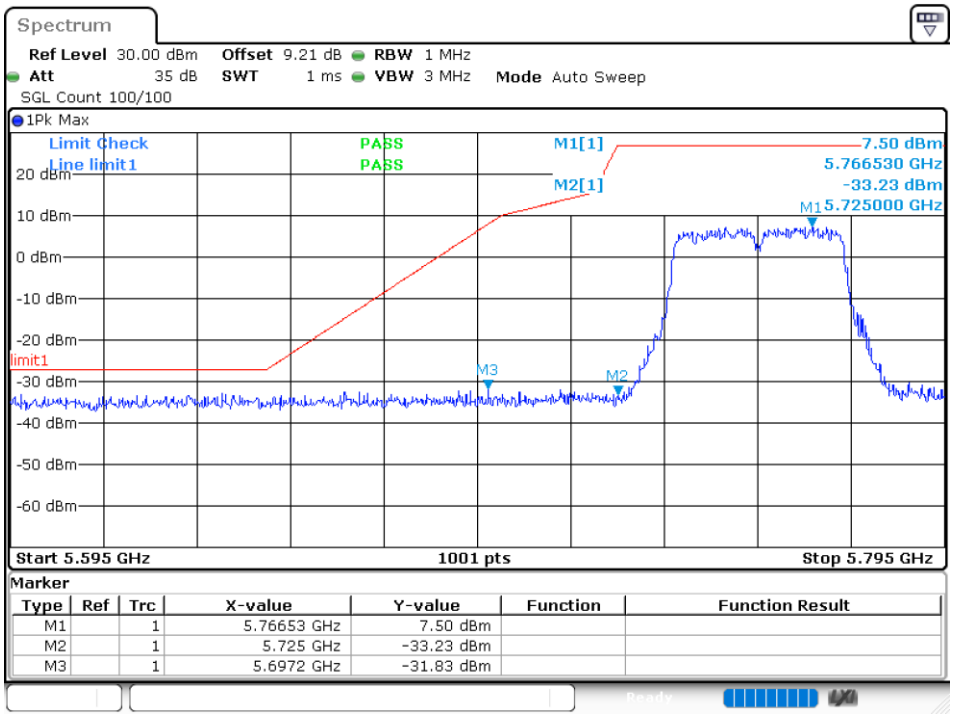
Band Edge NVNT n40 5755MHz Low Ant1



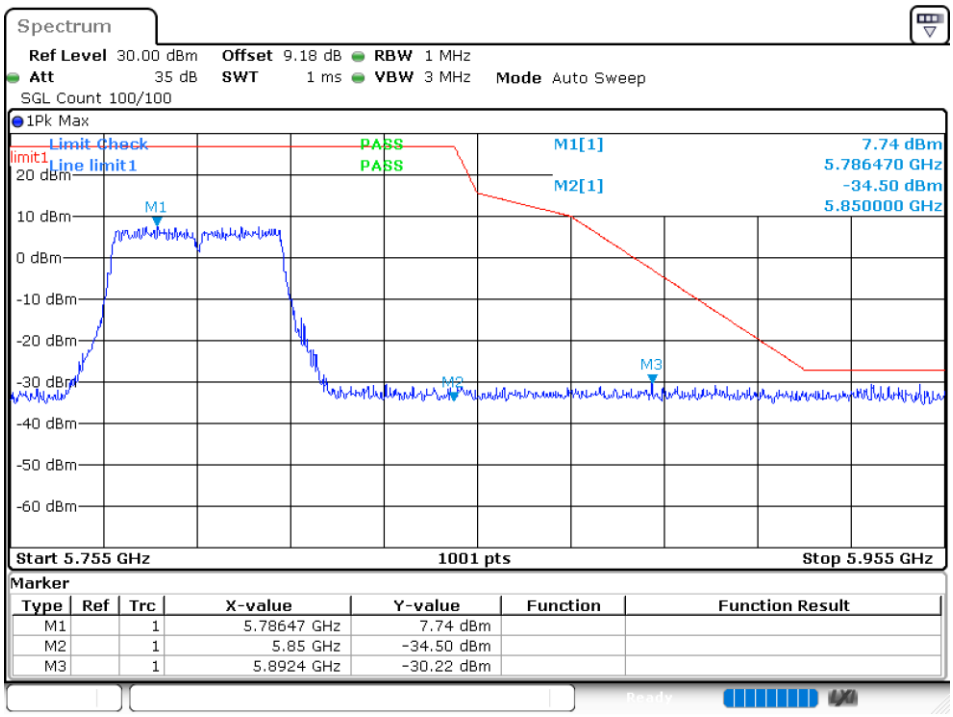
Band Edge NVNT n40 5795MHz High Ant1



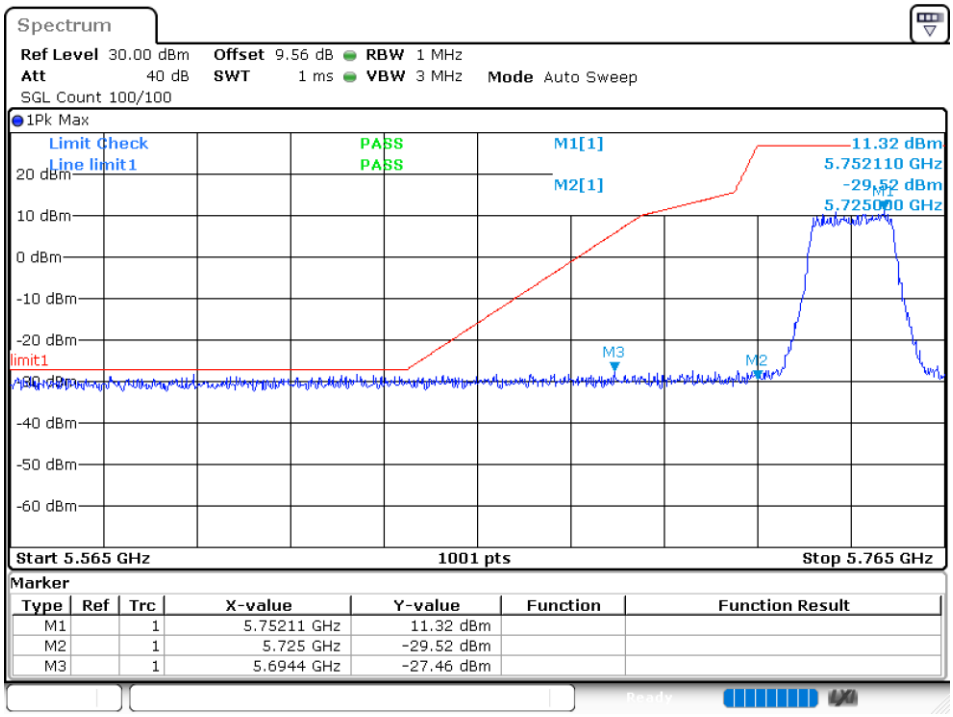
Band Edge NVNT n40 5755MHz Low Ant2



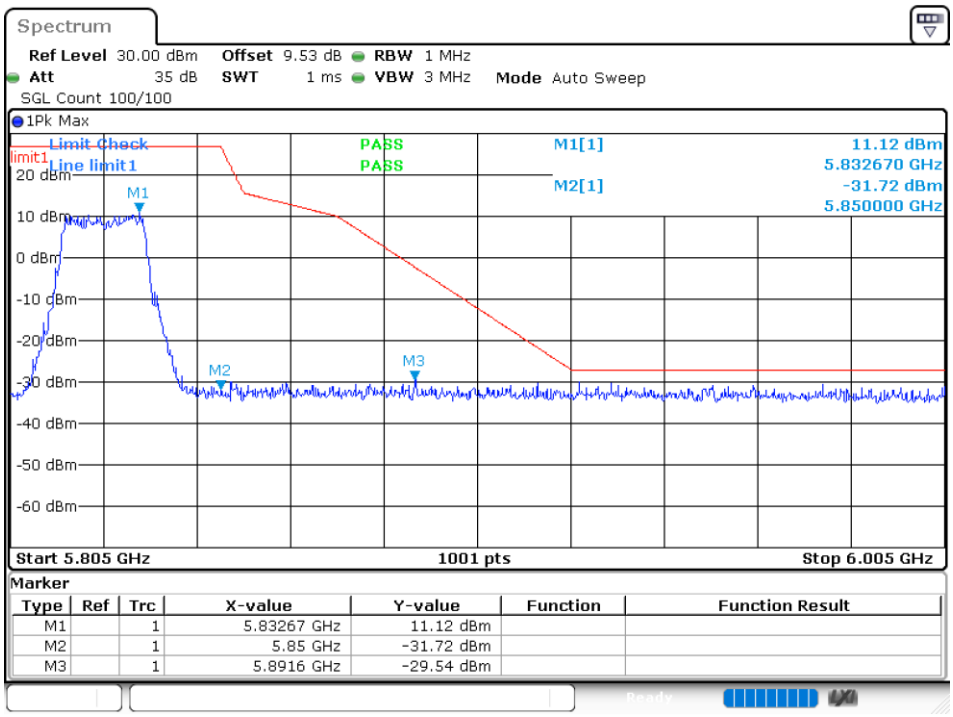
Band Edge NVNT n40 5795MHz High Ant2



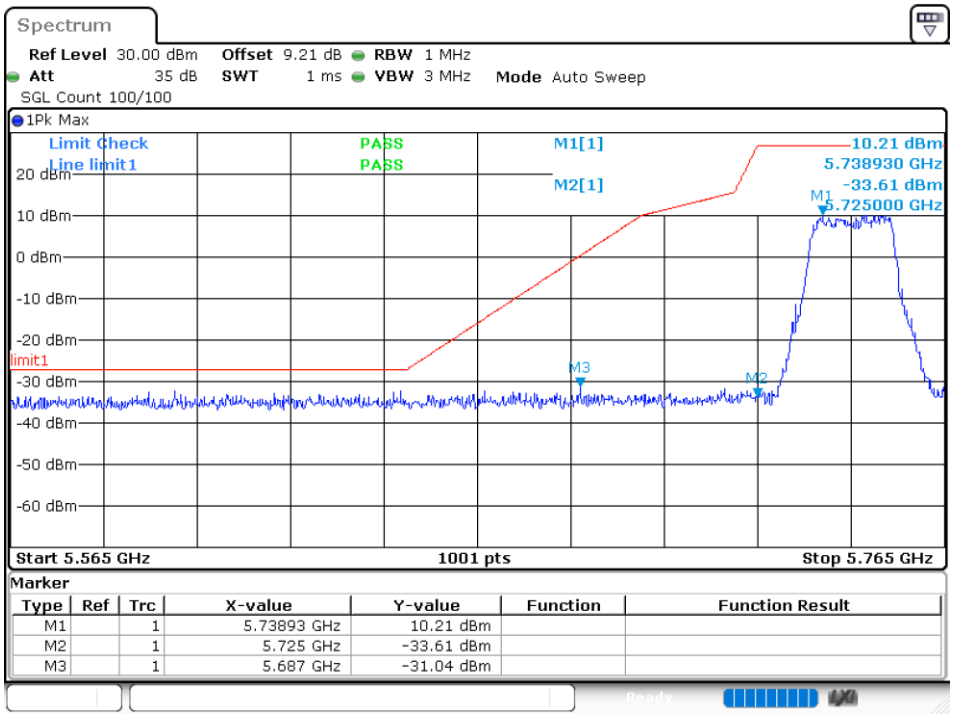
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



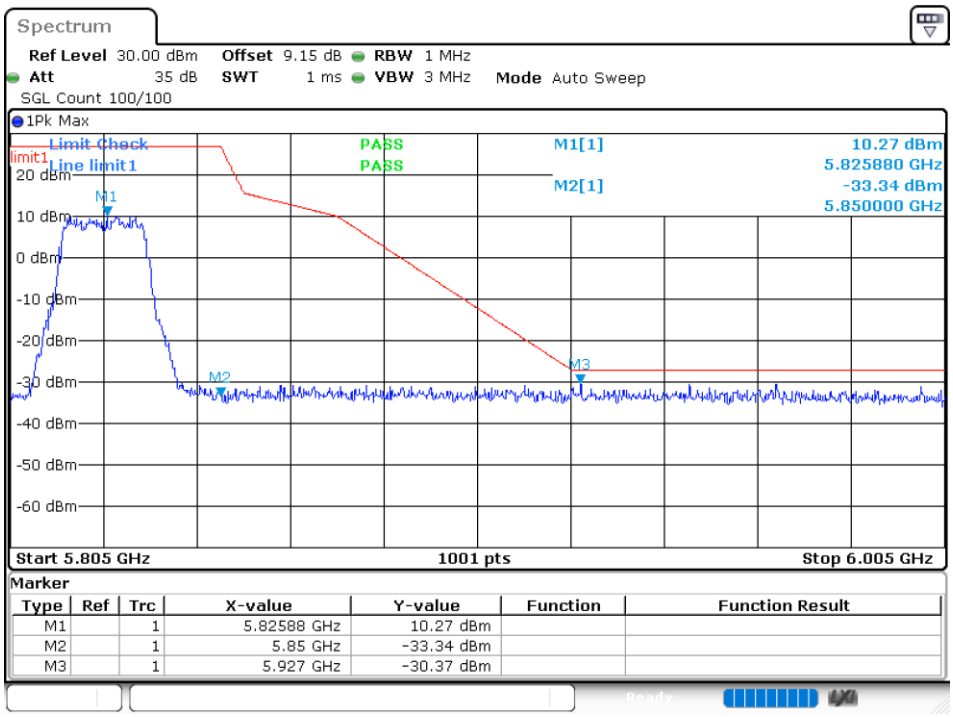
Band Edge NVNT ac20 5745MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.73893 GHz	10.21 dBm		
M2		1	5.725 GHz	-33.61 dBm		
M3		1	5.687 GHz	-31.04 dBm		

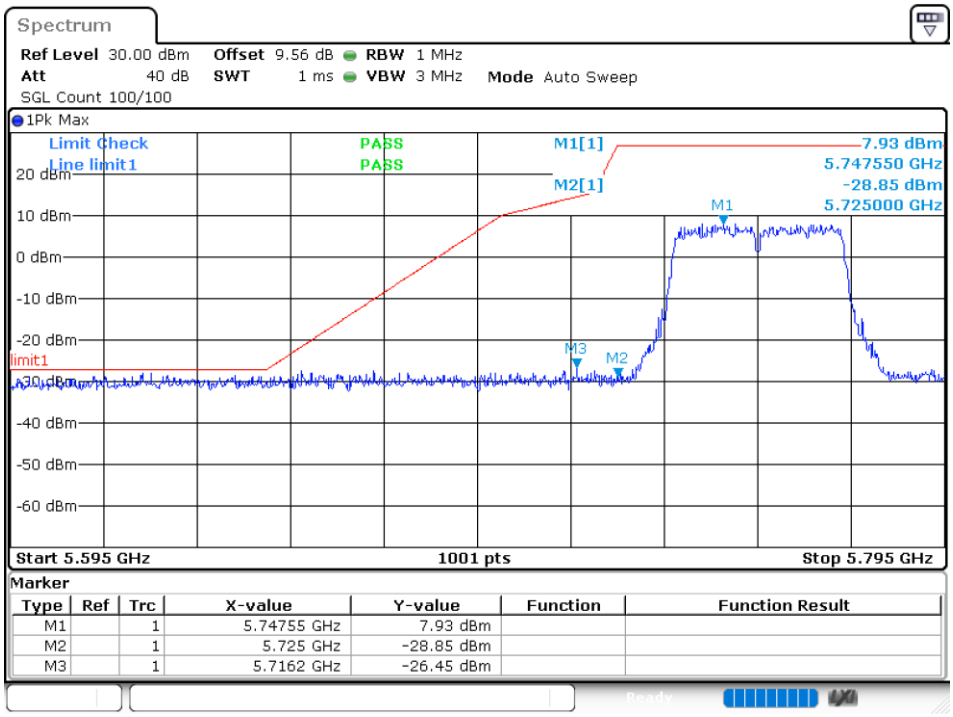
Band Edge NVNT ac20 5825MHz High Ant2



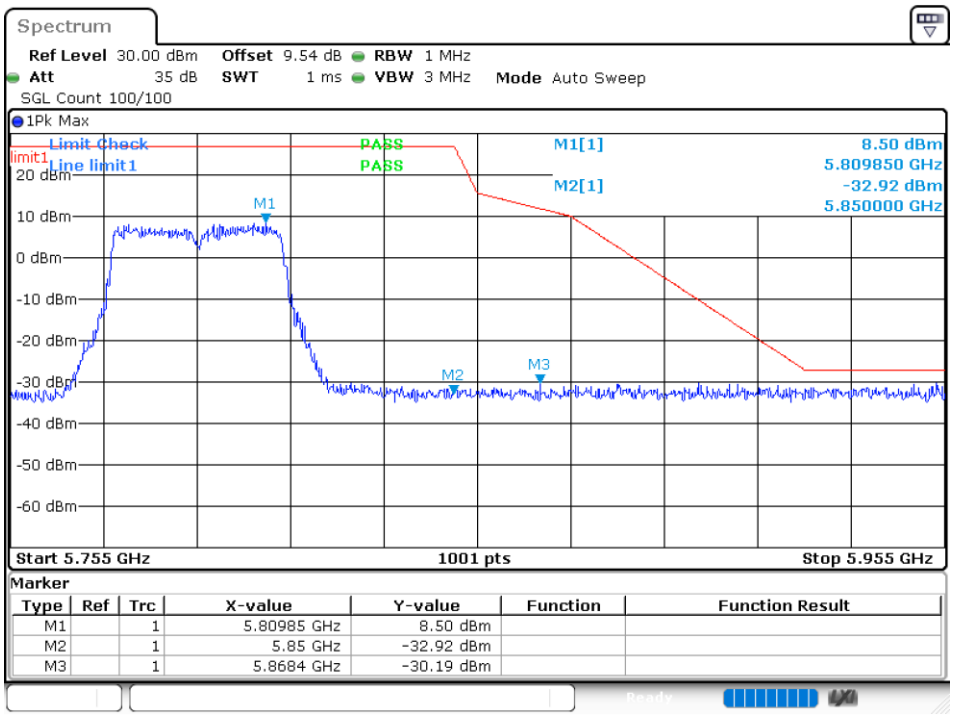
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82588 GHz	10.27 dBm		
M2		1	5.85 GHz	-33.34 dBm		
M3		1	5.927 GHz	-30.37 dBm		

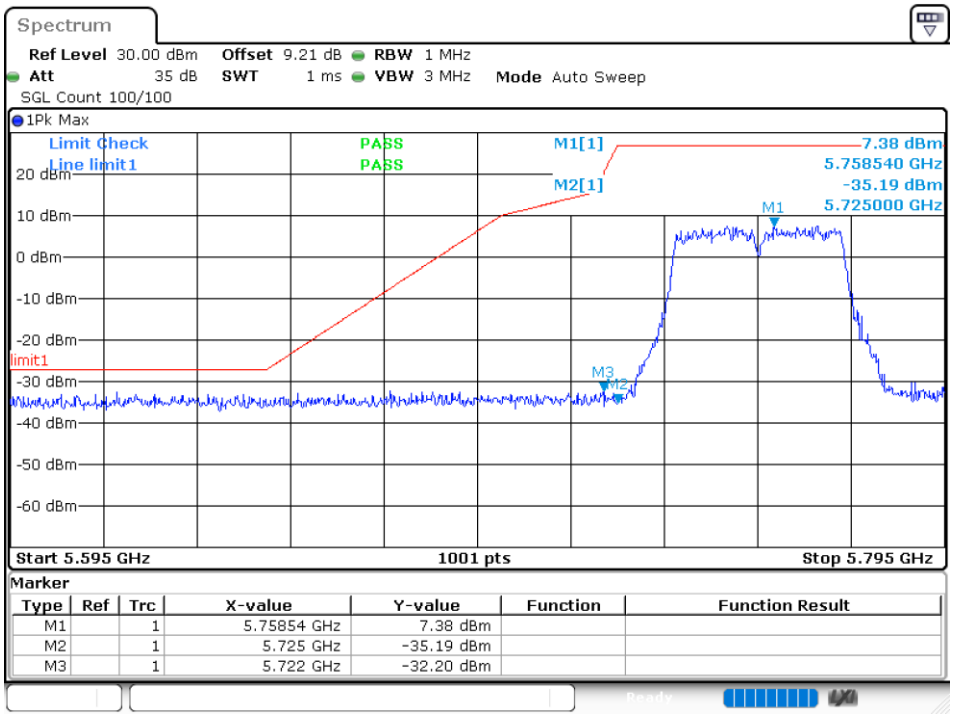
Band Edge NVNT ac40 5755MHz Low Ant1



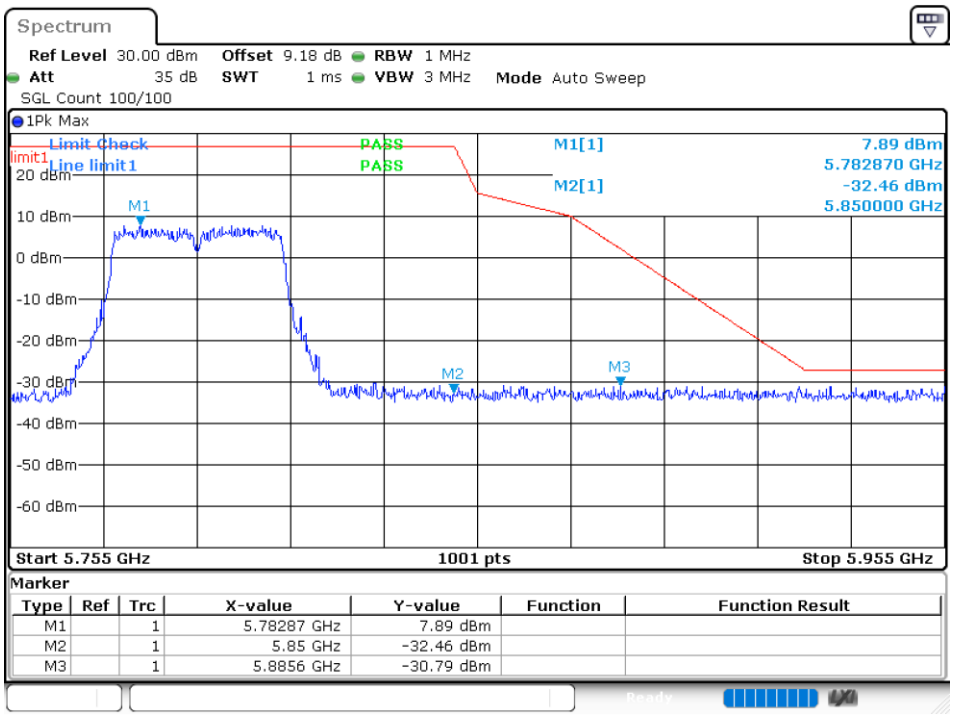
Band Edge NVNT ac40 5795MHz High Ant1



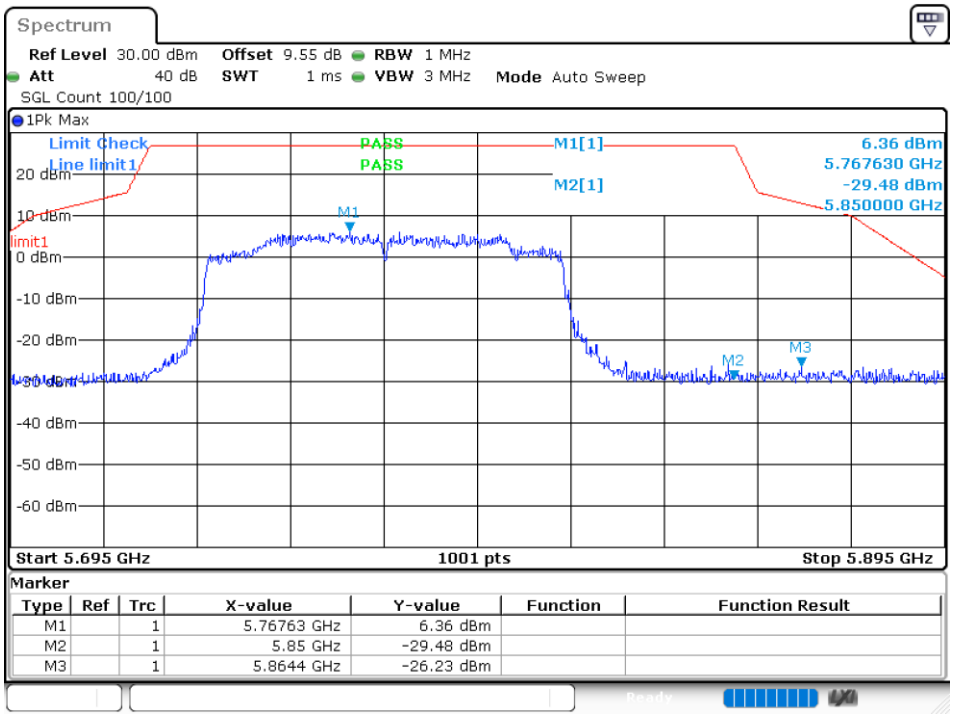
Band Edge NVNT ac40 5755MHz Low Ant2



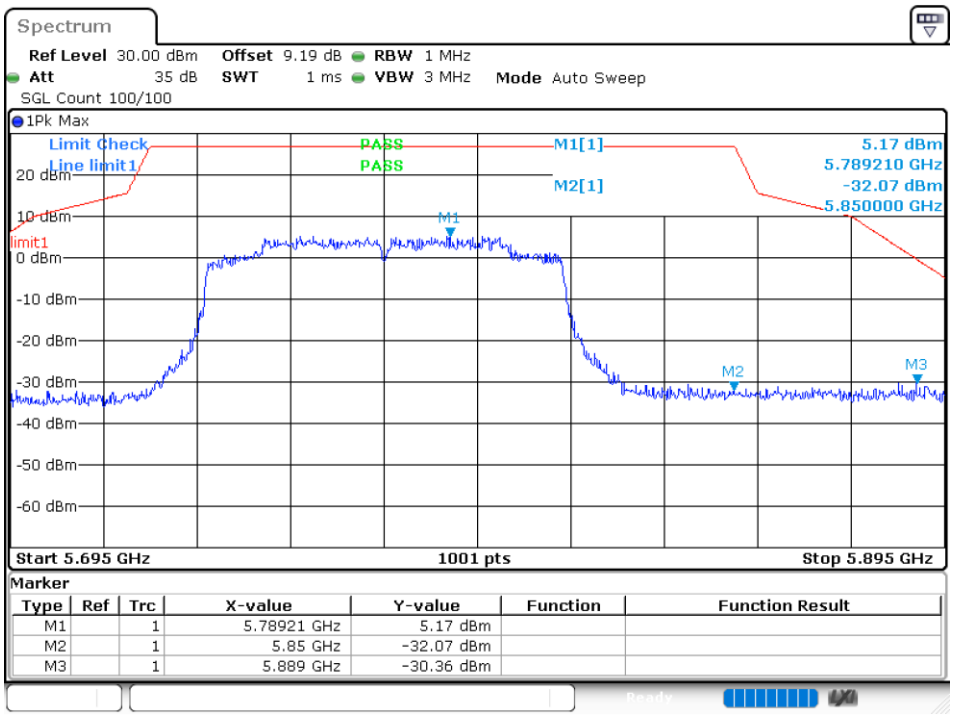
Band Edge NVNT ac40 5795MHz High Ant2



Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant2



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-29.73	-27	Pass
NVNT	a	5785	Ant1	-29.23	-27	Pass
NVNT	a	5825	Ant1	-29.1	-27	Pass
NVNT	a	5745	Ant2	-38.26	-27	Pass
NVNT	a	5785	Ant2	-37.63	-27	Pass
NVNT	a	5825	Ant2	-38.03	-27	Pass
NVNT	n20	5745	Ant1	-29.34	-27	Pass
NVNT	n20	5785	Ant1	-28.74	-27	Pass
NVNT	n20	5825	Ant1	-28.15	-27	Pass
NVNT	n20	5745	Ant2	-37.73	-27	Pass
NVNT	n20	5785	Ant2	-37.13	-27	Pass
NVNT	n20	5825	Ant2	-37.95	-27	Pass
NVNT	n40	5755	Ant1	-28.39	-27	Pass
NVNT	n40	5795	Ant1	-29.44	-27	Pass
NVNT	n40	5755	Ant2	-38.39	-27	Pass
NVNT	n40	5795	Ant2	-38.16	-27	Pass
NVNT	ac20	5745	Ant1	-27.89	-27	Pass
NVNT	ac20	5785	Ant1	-28.86	-27	Pass
NVNT	ac20	5825	Ant1	-29.6	-27	Pass
NVNT	ac20	5745	Ant2	-37.53	-27	Pass
NVNT	ac20	5785	Ant2	-37.83	-27	Pass
NVNT	ac20	5825	Ant2	-37.34	-27	Pass
NVNT	ac40	5755	Ant1	-29.36	-27	Pass
NVNT	ac40	5795	Ant1	-28.99	-27	Pass
NVNT	ac40	5755	Ant2	-37.12	-27	Pass
NVNT	ac40	5795	Ant2	-38.06	-27	Pass
NVNT	ac80	5775	Ant1	-28.07	-27	Pass
NVNT	ac80	5775	Ant2	-37.96	-27	Pass