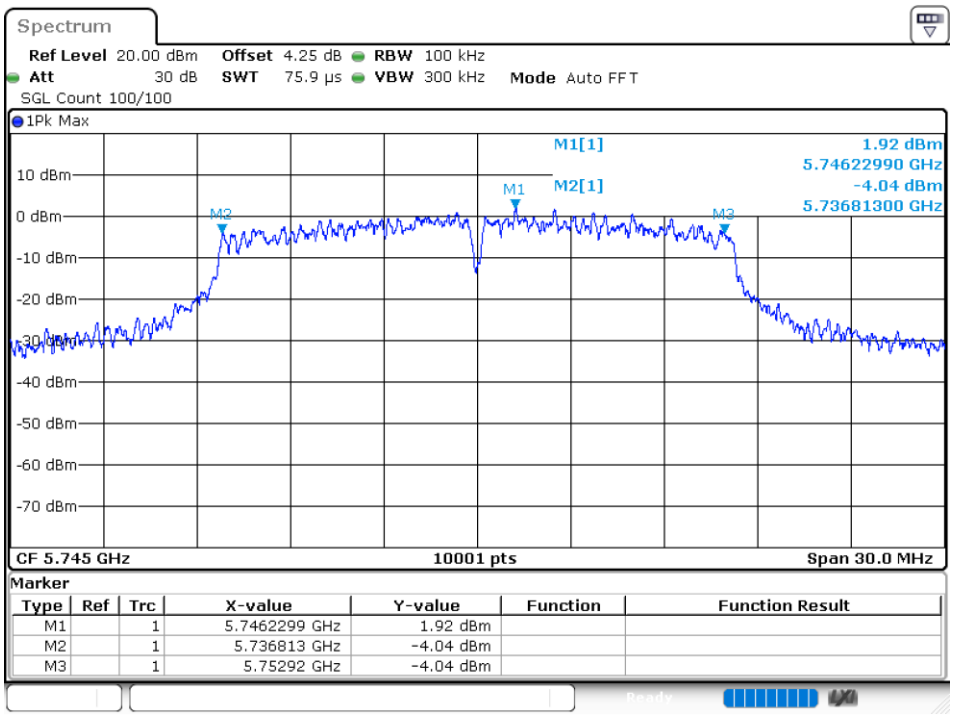
-6dB Bandwidth

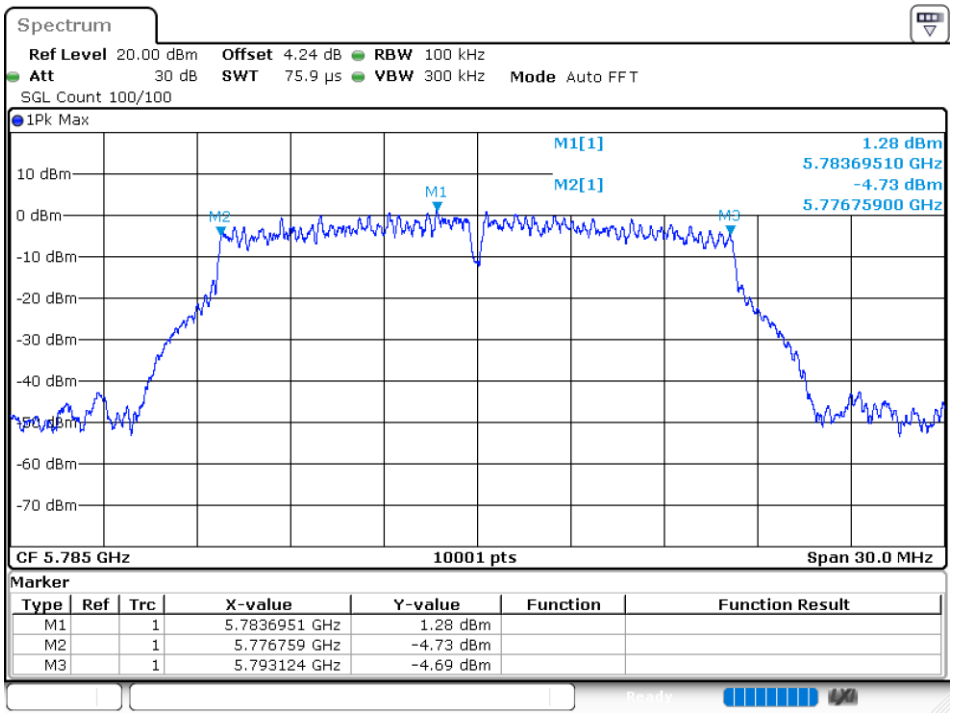
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.107	0.5	Pass
NVNT	a	5785	Ant1	16.365	0.5	Pass
NVNT	a	5825	Ant1	15.678	0.5	Pass
NVNT	a	5745	Ant2	15.024	0.5	Pass
NVNT	a	5785	Ant2	15.078	0.5	Pass
NVNT	a	5825	Ant2	16.032	0.5	Pass
NVNT	n20	5745	Ant1	16.878	0.5	Pass
NVNT	n20	5785	Ant1	16.023	0.5	Pass
NVNT	n20	5825	Ant1	15.048	0.5	Pass
NVNT	n20	5745	Ant2	15.009	0.5	Pass
NVNT	n20	5785	Ant2	16.275	0.5	Pass
NVNT	n20	5825	Ant2	15.066	0.5	Pass
NVNT	n40	5755	Ant1	35.106	0.5	Pass
NVNT	n40	5795	Ant1	35.106	0.5	Pass
NVNT	n40	5755	Ant2	35.088	0.5	Pass
NVNT	n40	5795	Ant2	35.076	0.5	Pass
NVNT	ac20	5745	Ant1	13.854	0.5	Pass
NVNT	ac20	5785	Ant1	15.042	0.5	Pass
NVNT	ac20	5825	Ant1	14.442	0.5	Pass
NVNT	ac20	5745	Ant2	15.69	0.5	Pass
NVNT	ac20	5785	Ant2	14.748	0.5	Pass
NVNT	ac20	5825	Ant2	16.686	0.5	Pass
NVNT	ac40	5755	Ant1	35.094	0.5	Pass
NVNT	ac40	5795	Ant1	35.1	0.5	Pass
NVNT	ac40	5755	Ant2	35.076	0.5	Pass
NVNT	ac40	5795	Ant2	35.082	0.5	Pass
NVNT	ac80	5775	Ant1	75.096	0.5	Pass
NVNT	ac80	5775	Ant2	75.072	0.5	Pass

Test Graphs

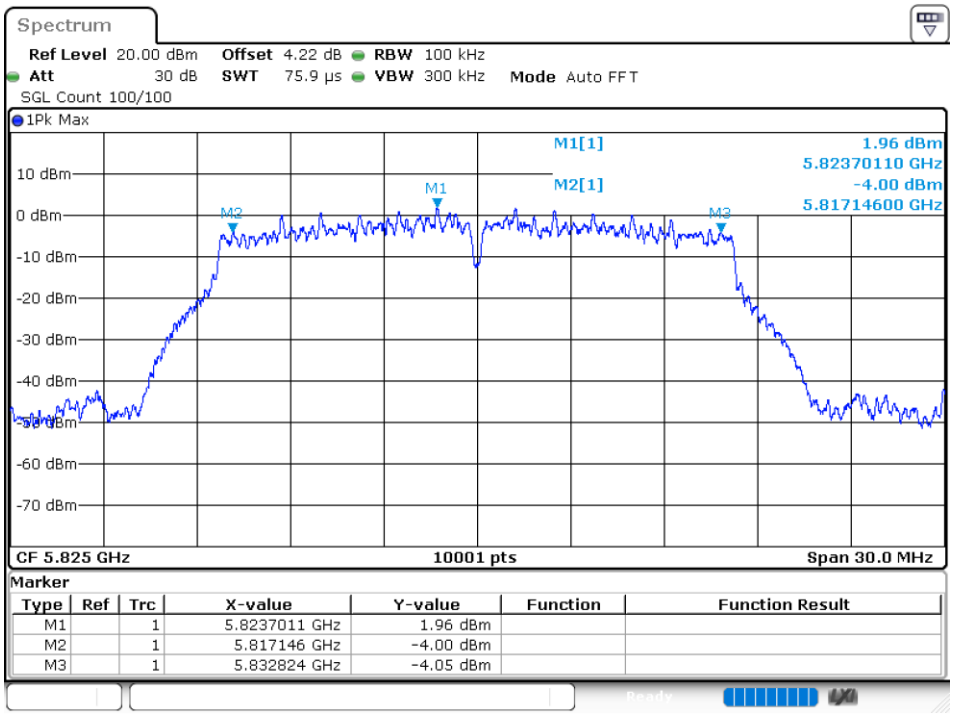
-6dB Bandwidth NVNT a 5745MHz Ant1



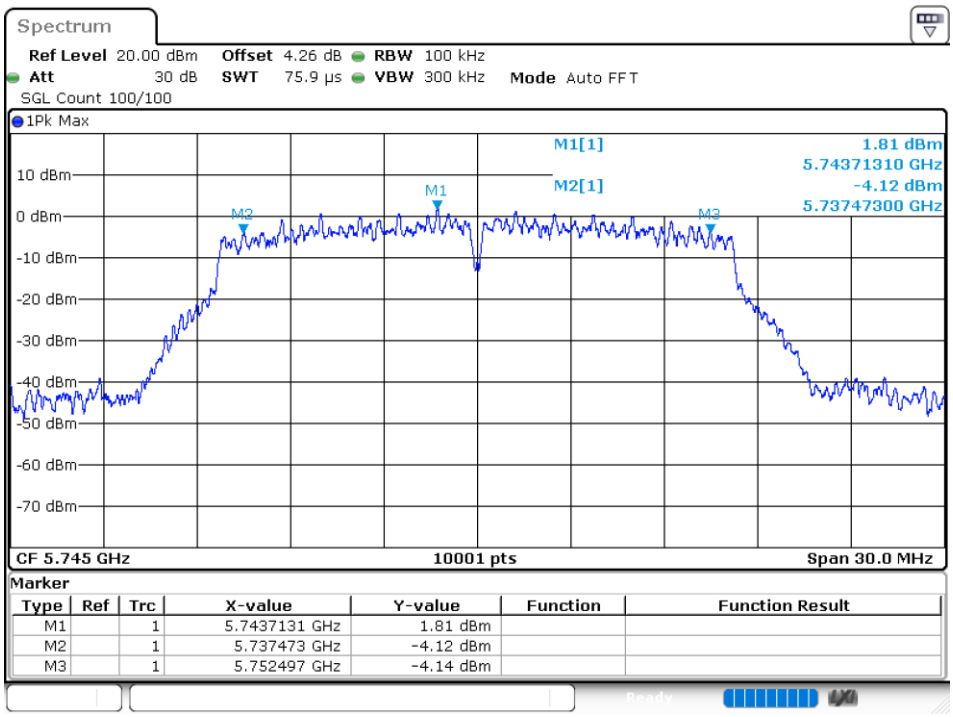
-6dB Bandwidth NVNT a 5785MHz Ant1



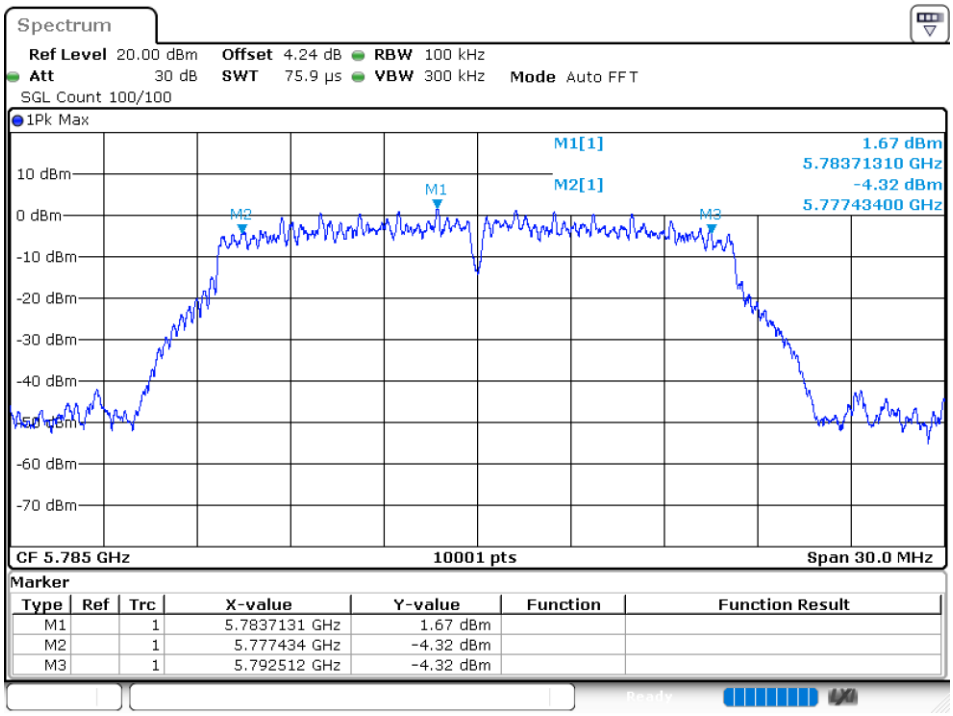
-6dB Bandwidth NVNT a 5825MHz Ant1



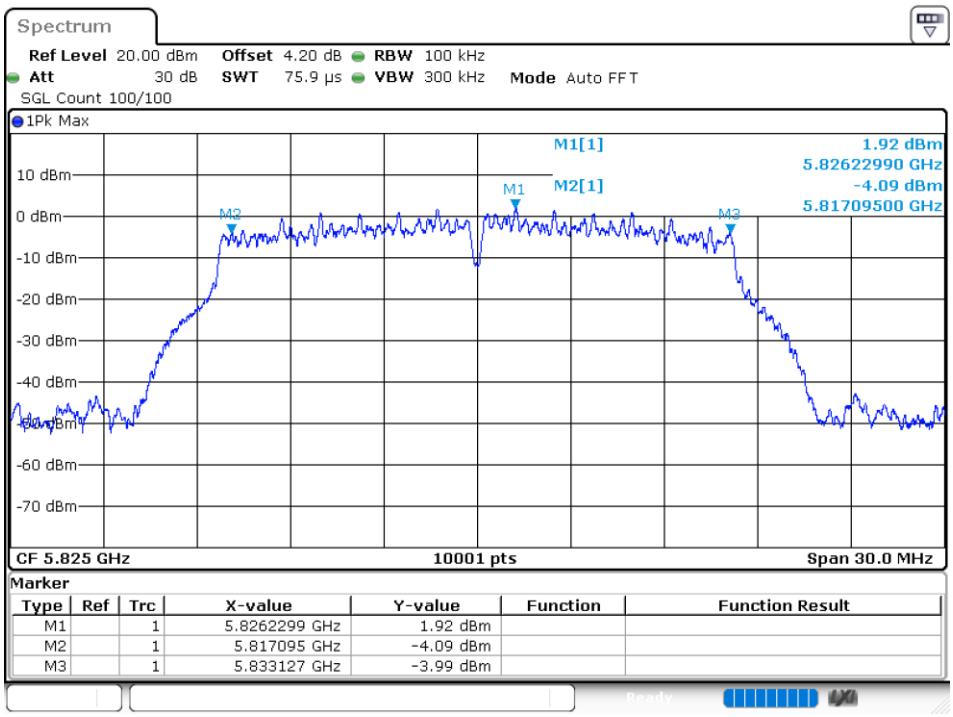
-6dB Bandwidth NVNT a 5745MHz Ant2



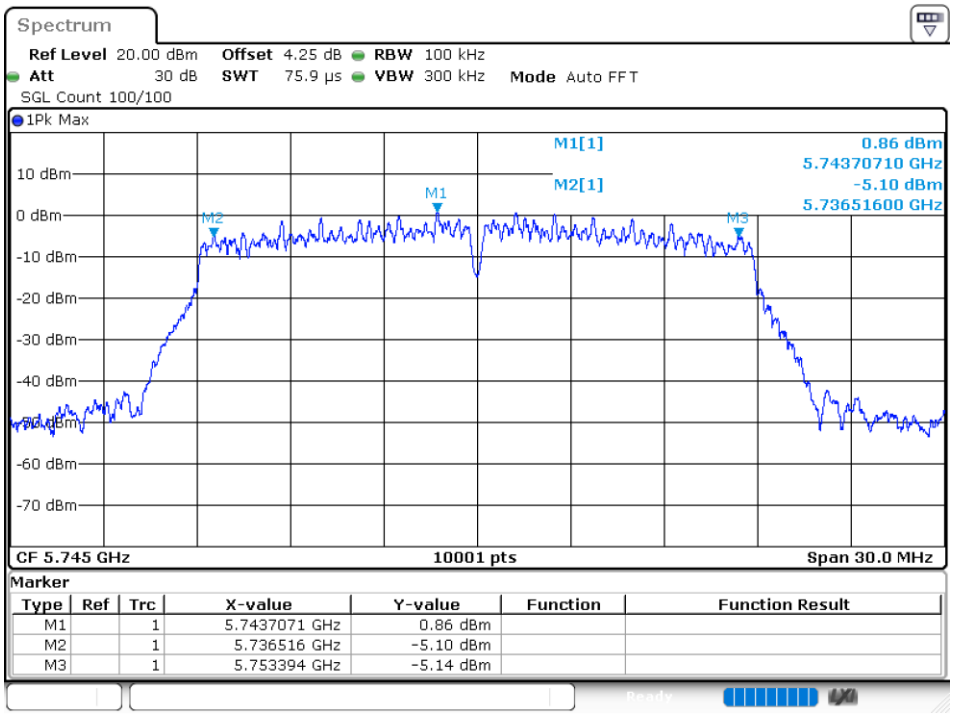
-6dB Bandwidth NVNT a 5785MHz Ant2



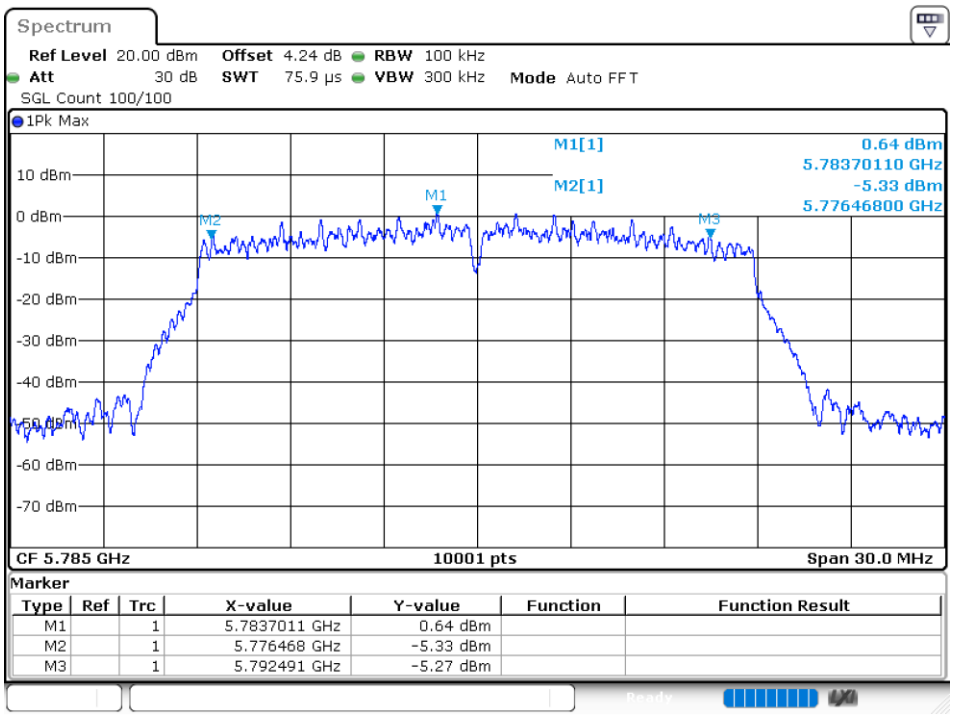
-6dB Bandwidth NVNT a 5825MHz Ant2



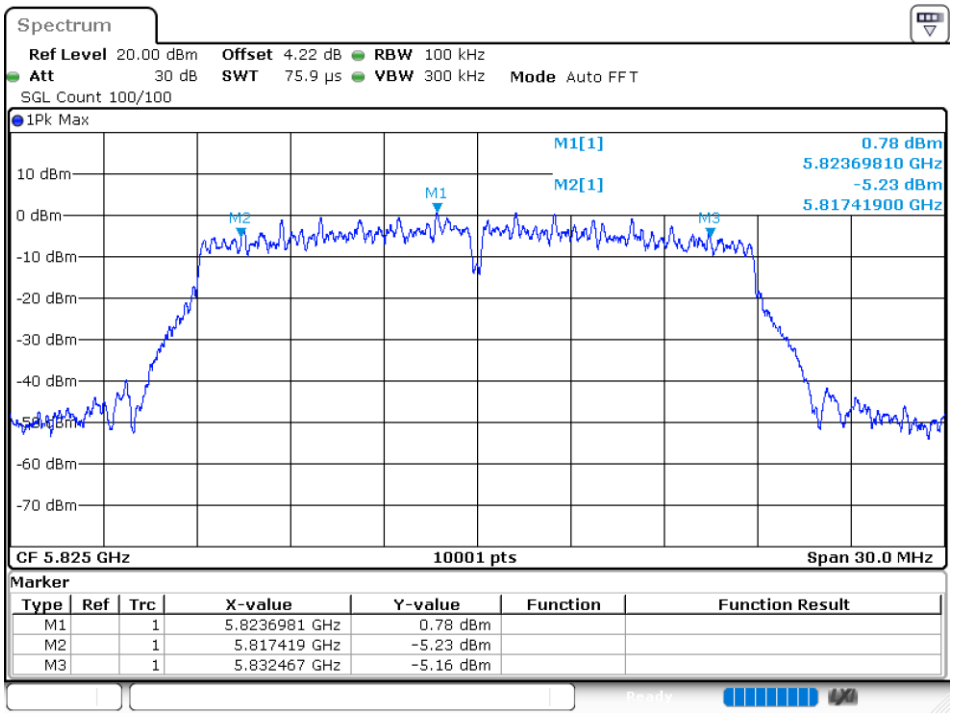
-6dB Bandwidth NVNT n20 5745MHz Ant1



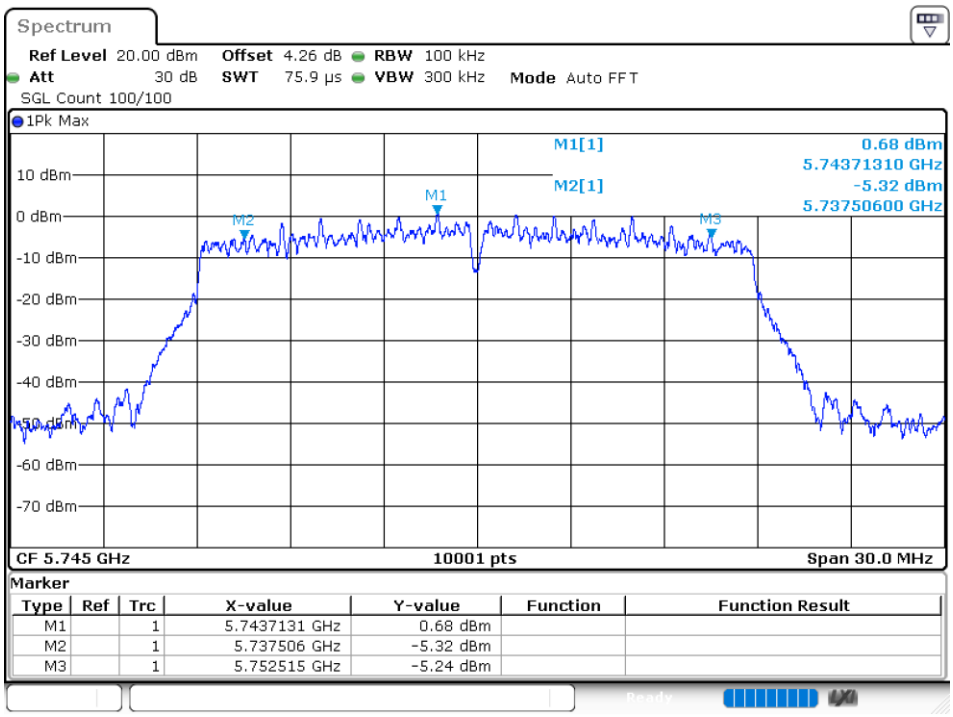
-6dB Bandwidth NVNT n20 5785MHz Ant1



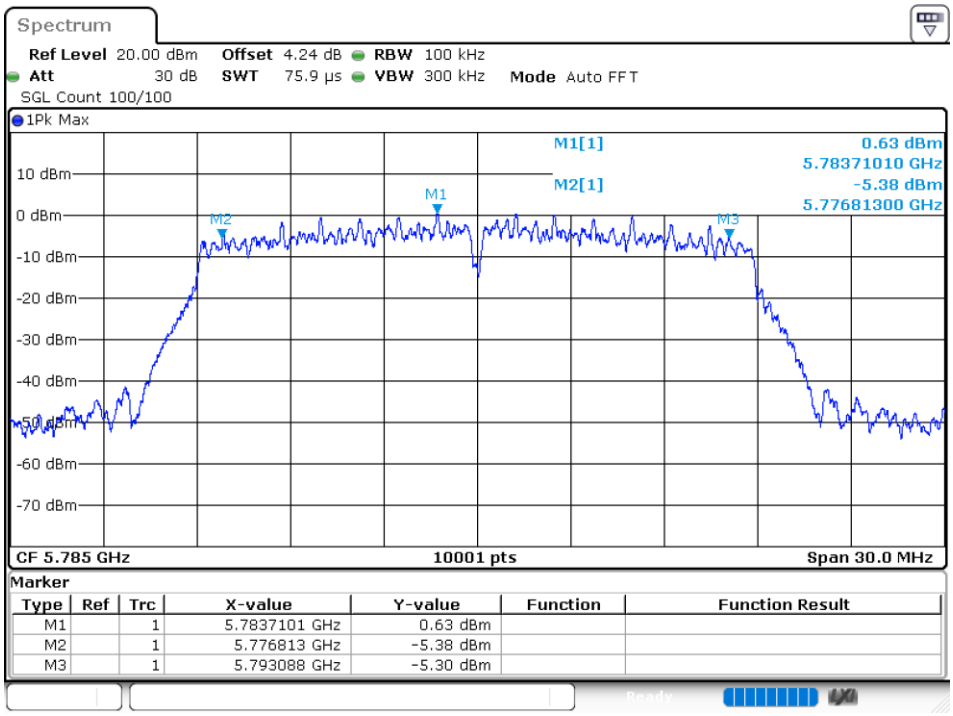
-6dB Bandwidth NVNT n20 5825MHz Ant1



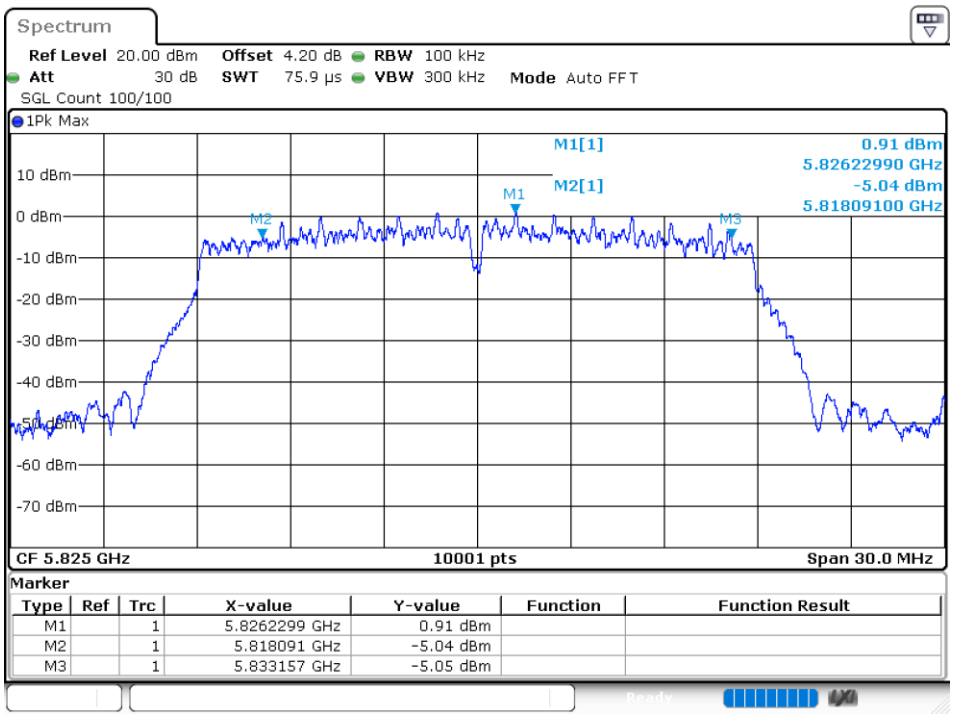
-6dB Bandwidth NVNT n20 5745MHz Ant2



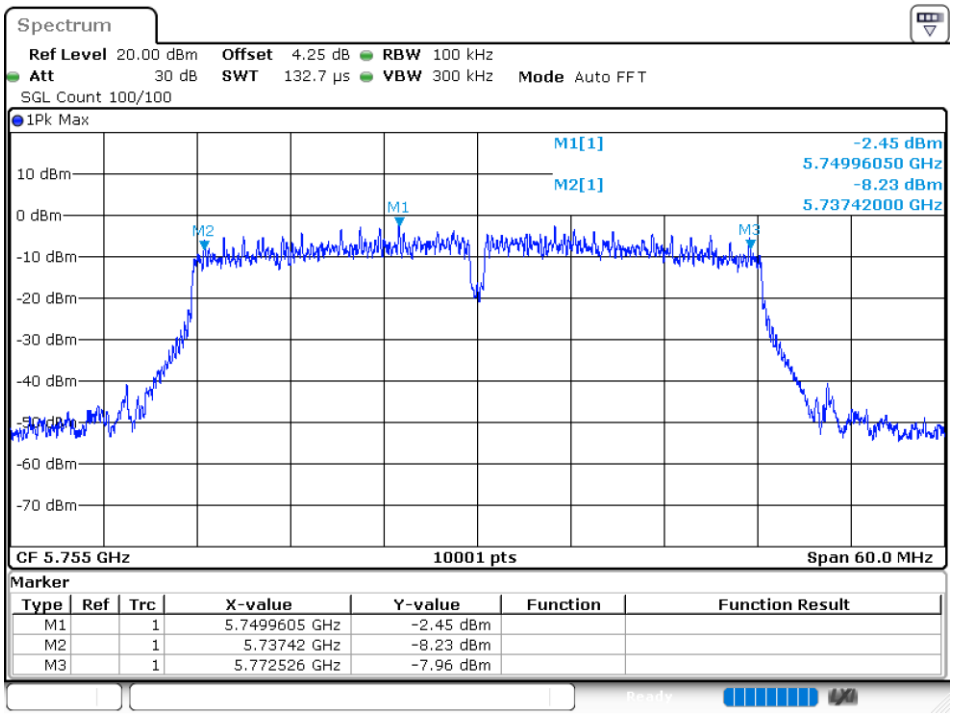
-6dB Bandwidth NVNT n20 5785MHz Ant2



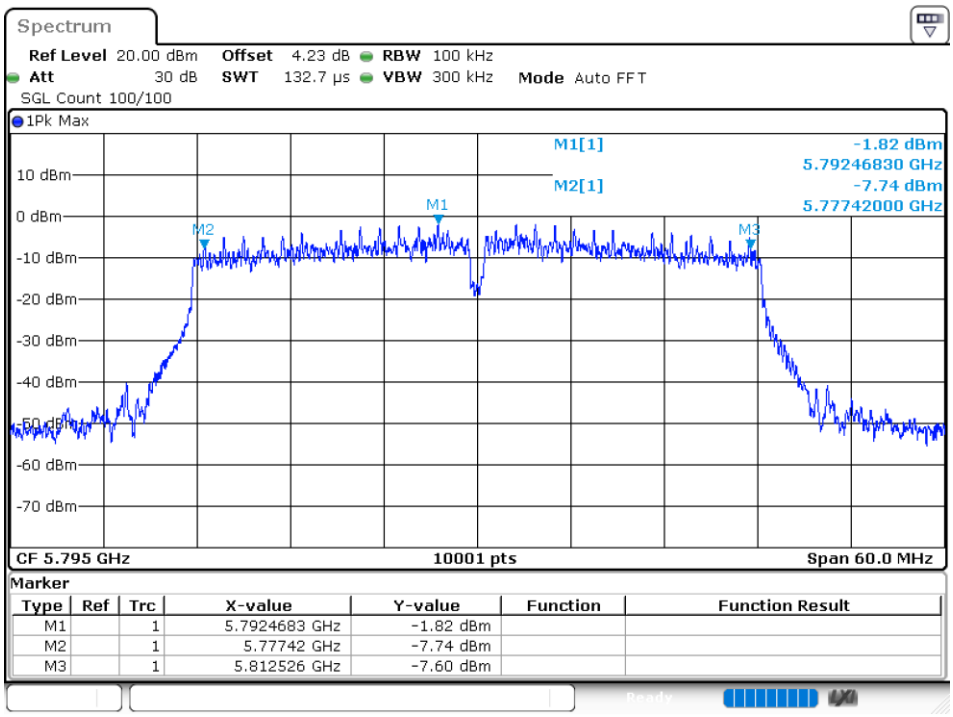
-6dB Bandwidth NVNT n20 5825MHz Ant2



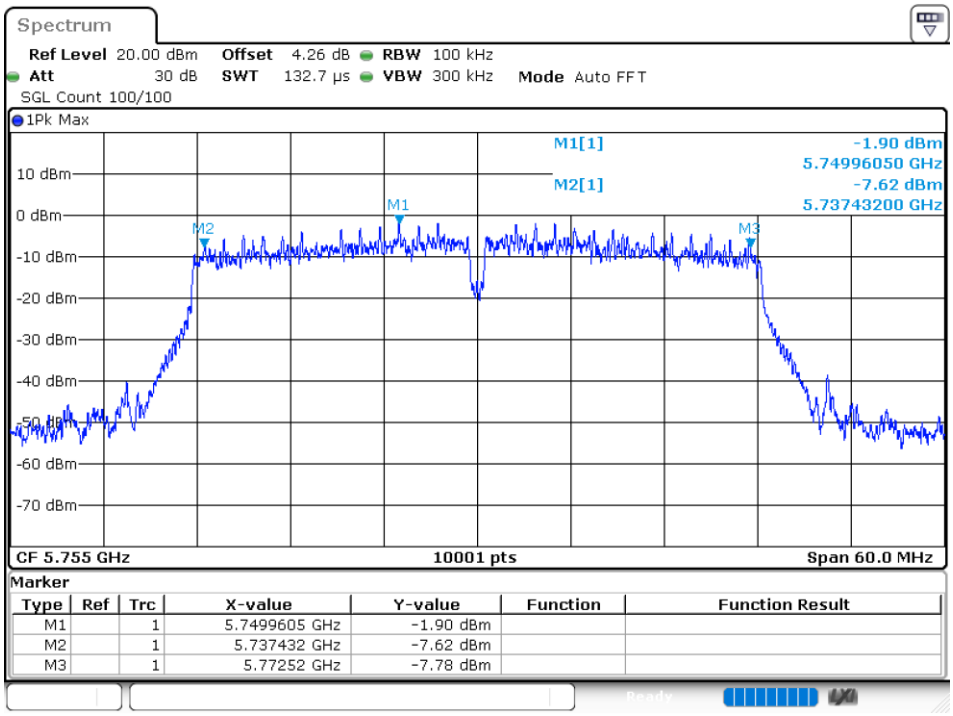
-6dB Bandwidth NVNT n40 5755MHz Ant1



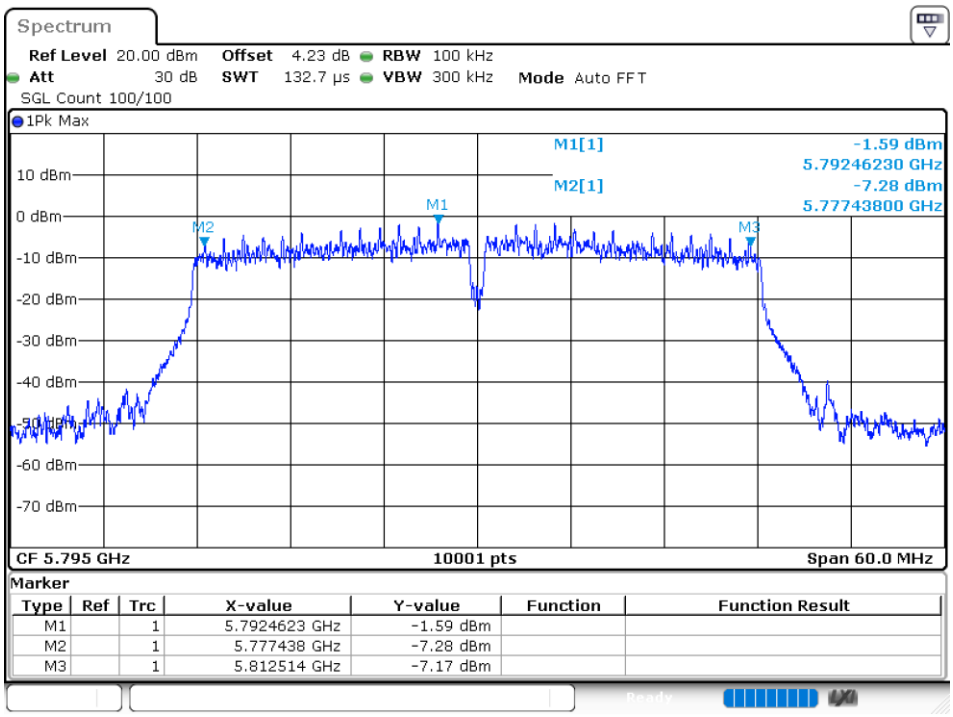
-6dB Bandwidth NVNT n40 5795MHz Ant1



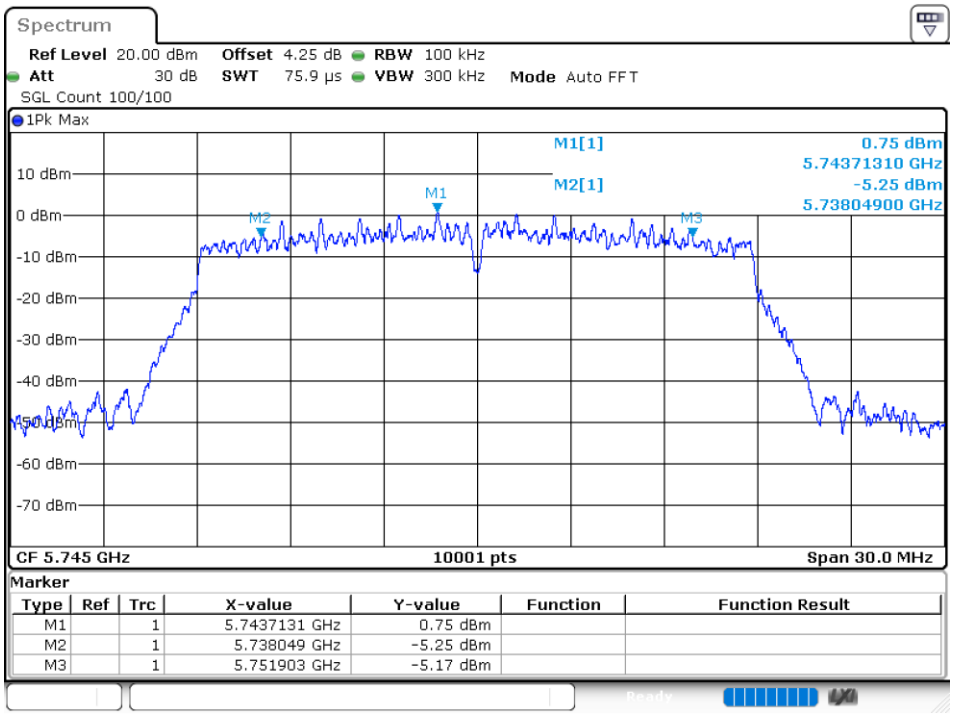
-6dB Bandwidth NVNT n40 5755MHz Ant2



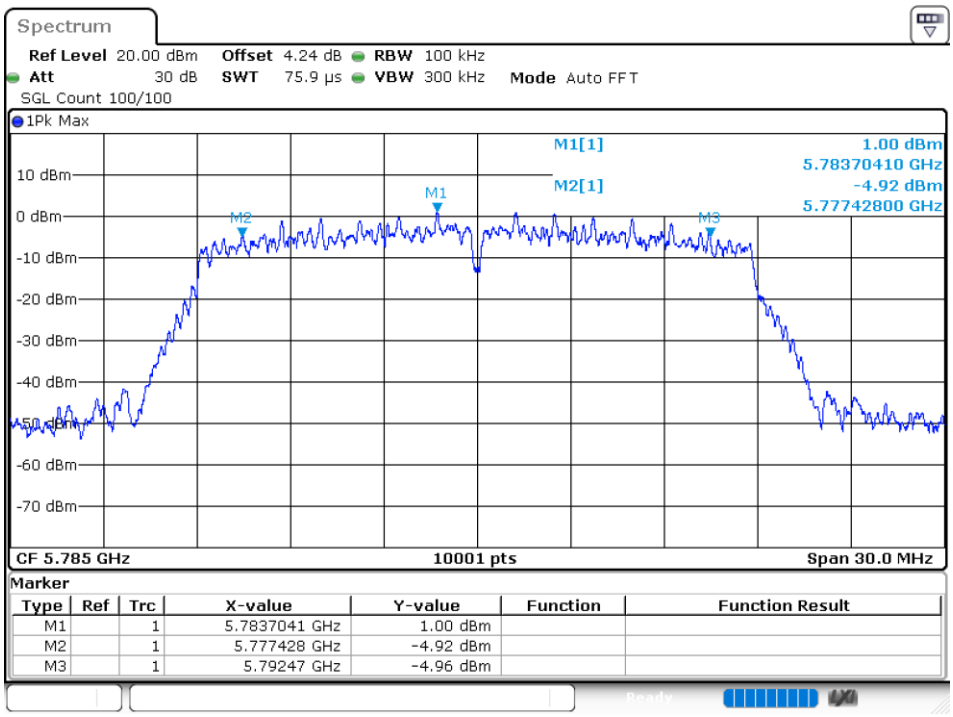
-6dB Bandwidth NVNT n40 5795MHz Ant2



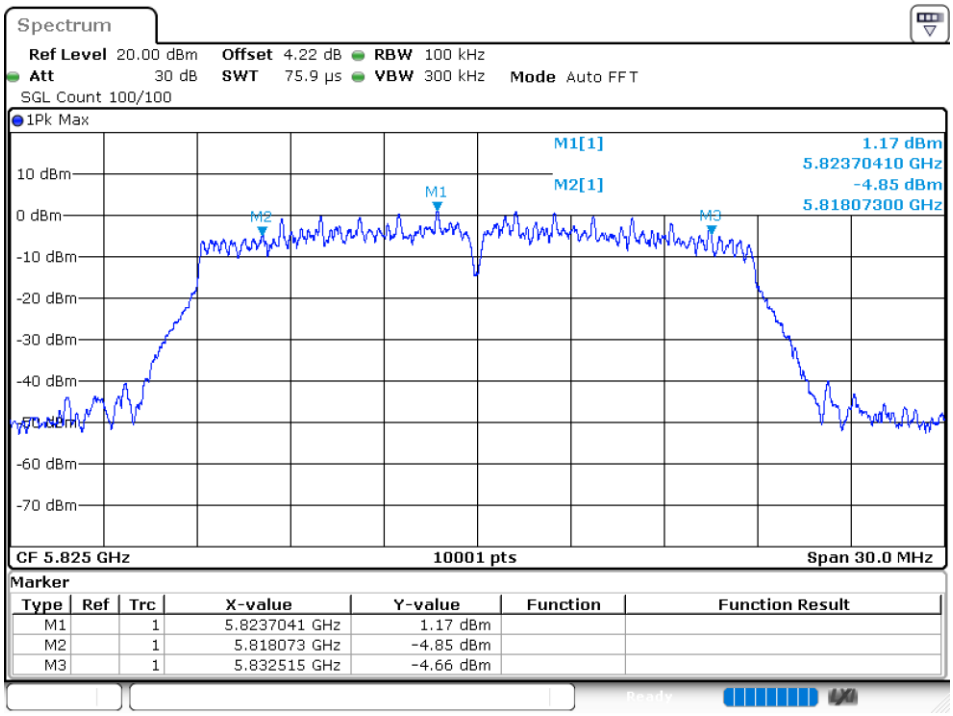
-6dB Bandwidth NVNT ac20 5745MHz Ant1



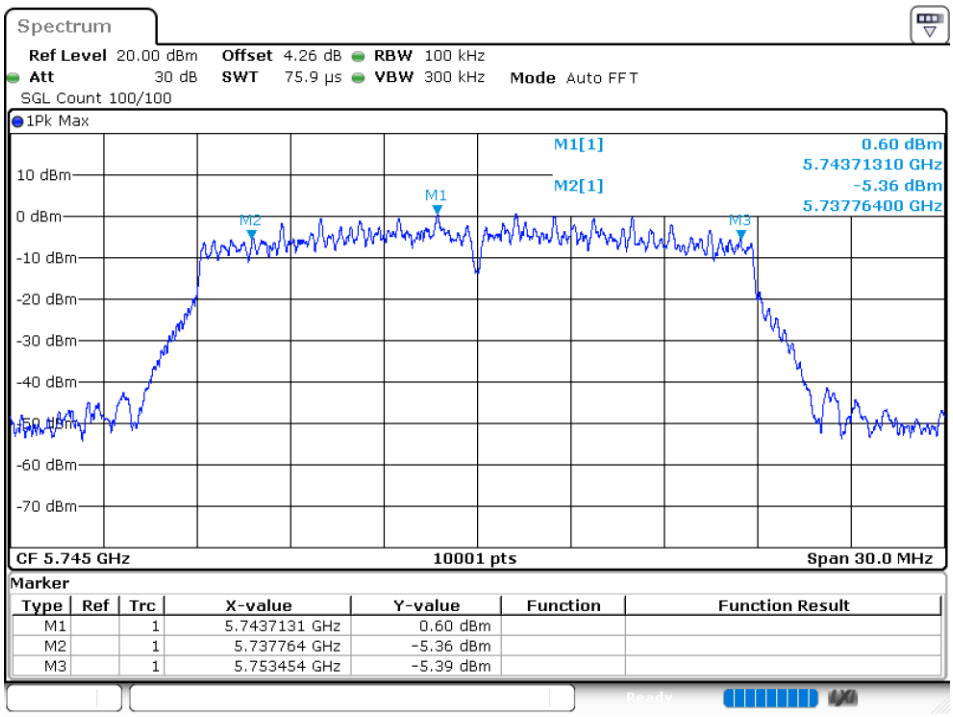
-6dB Bandwidth NVNT ac20 5785MHz Ant1



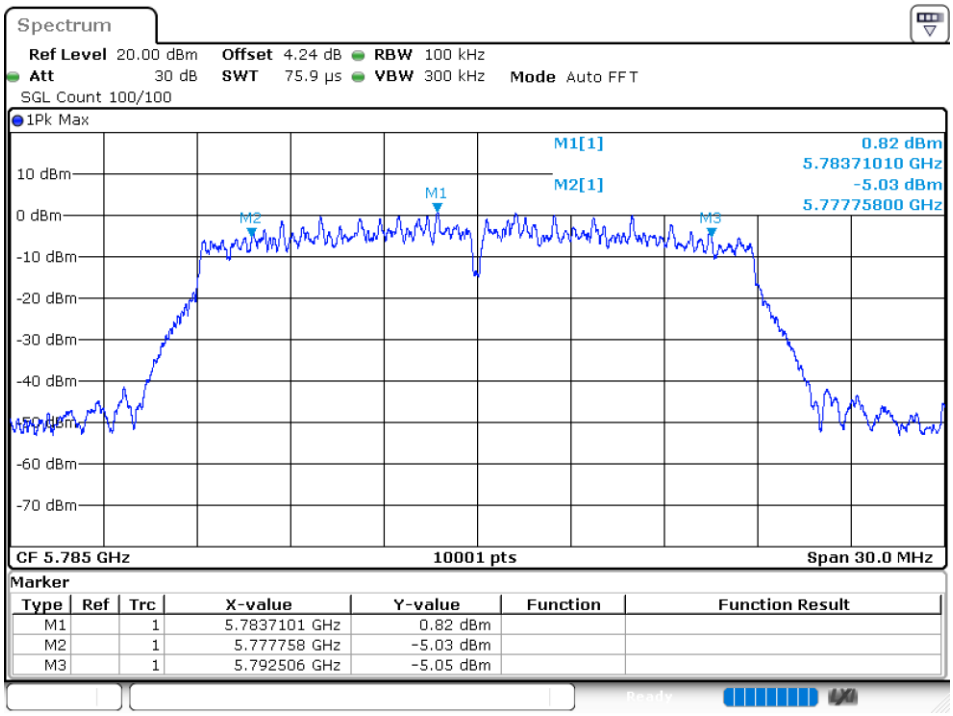
-6dB Bandwidth NVNT ac20 5825MHz Ant1



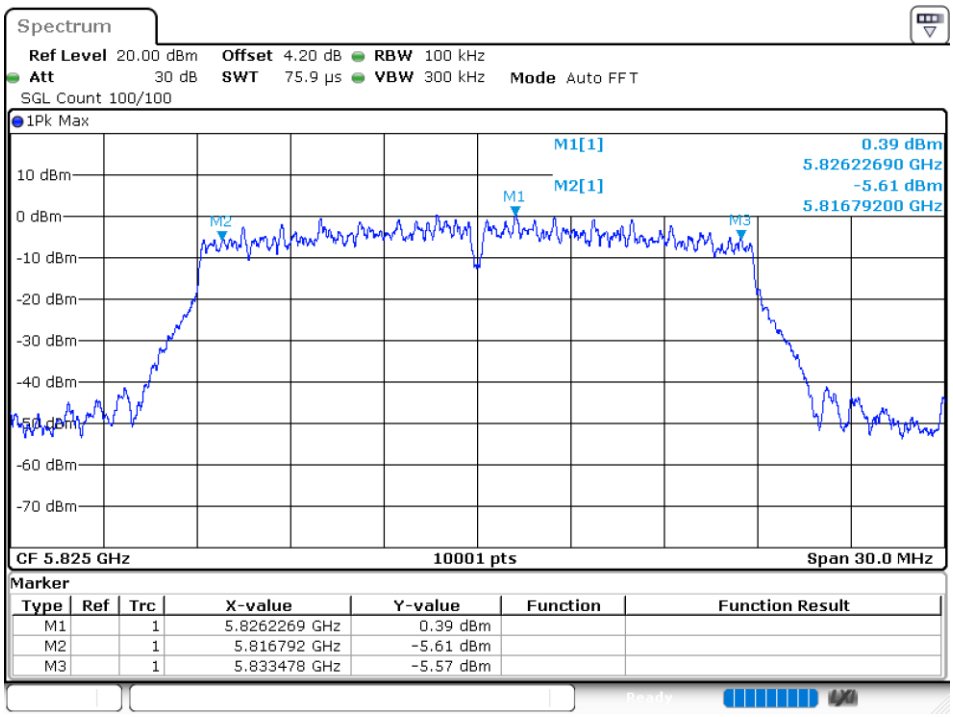
-6dB Bandwidth NVNT ac20 5745MHz Ant2



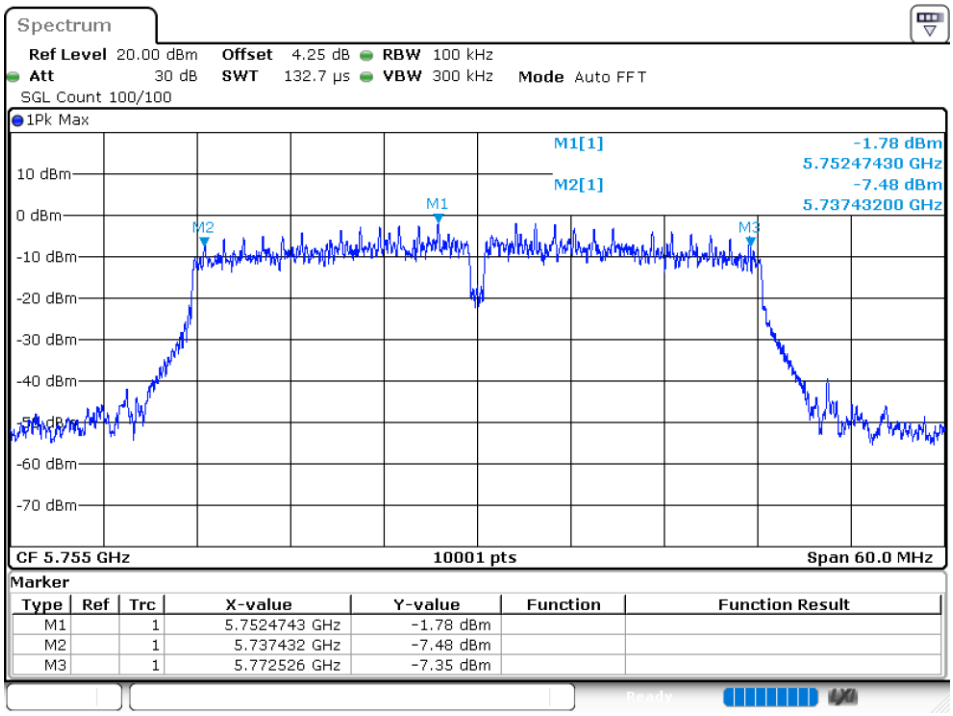
-6dB Bandwidth NVNT ac20 5785MHz Ant2



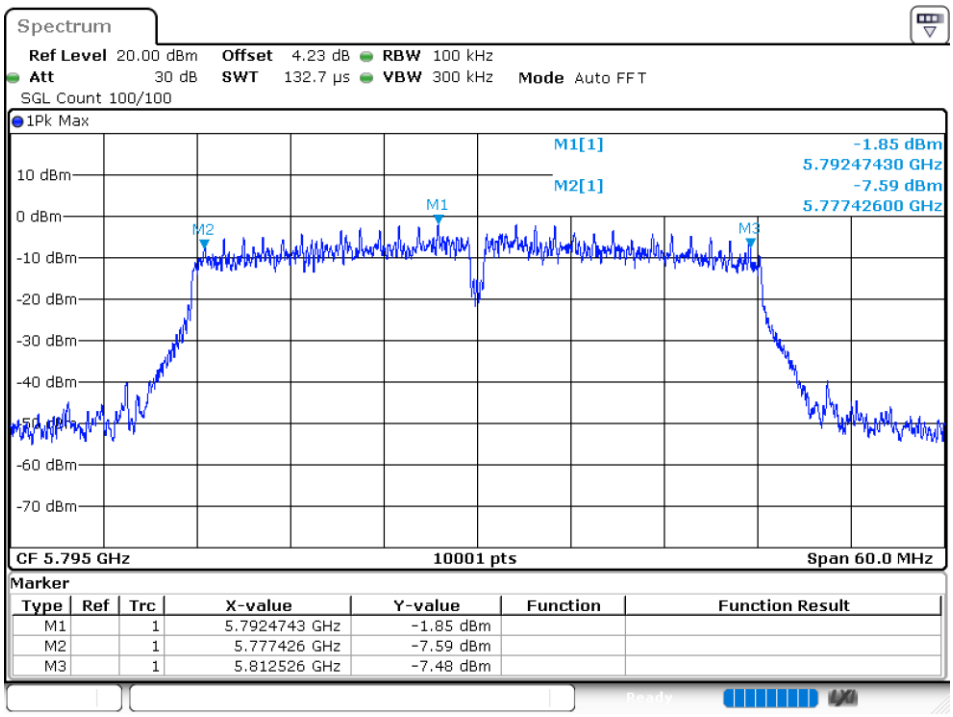
-6dB Bandwidth NVNT ac20 5825MHz Ant2



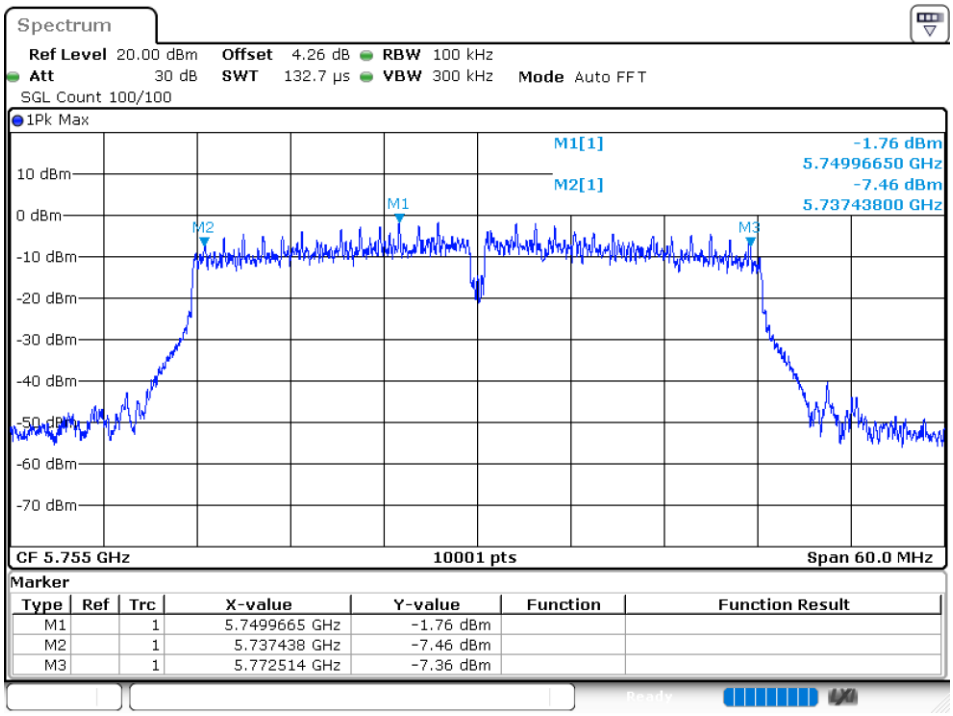
-6dB Bandwidth NVNT ac40 5755MHz Ant1



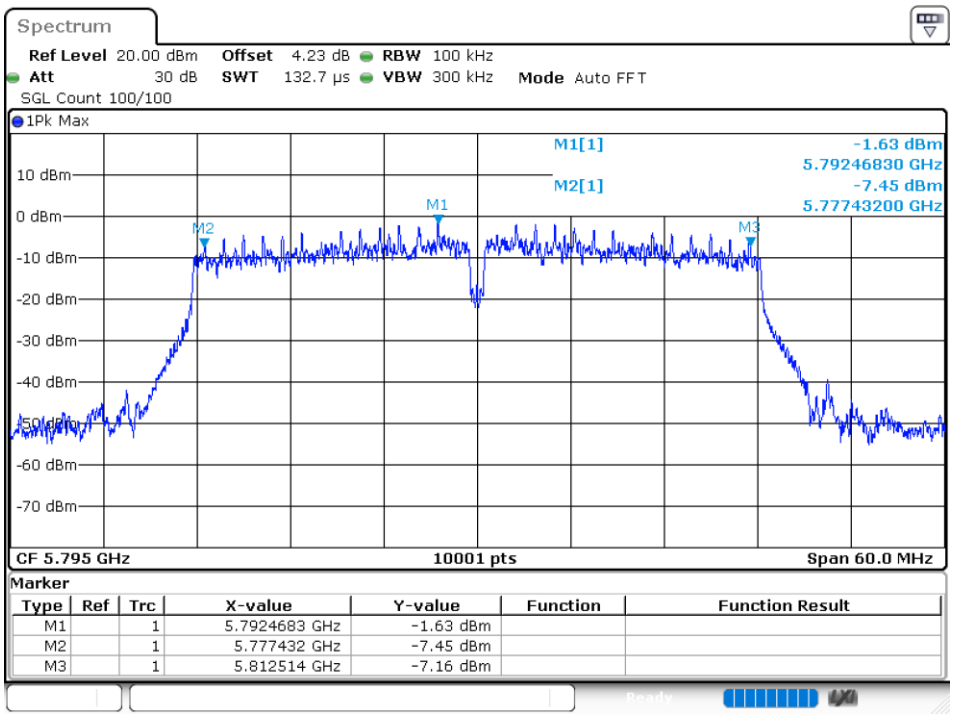
-6dB Bandwidth NVNT ac40 5795MHz Ant1



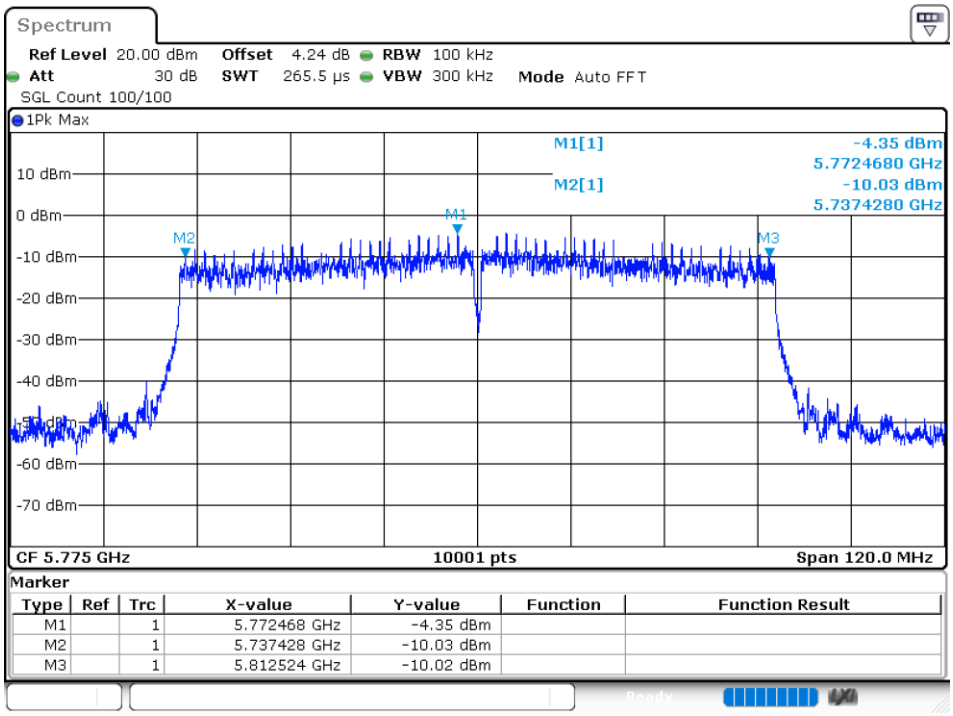
-6dB Bandwidth NVNT ac40 5755MHz Ant2



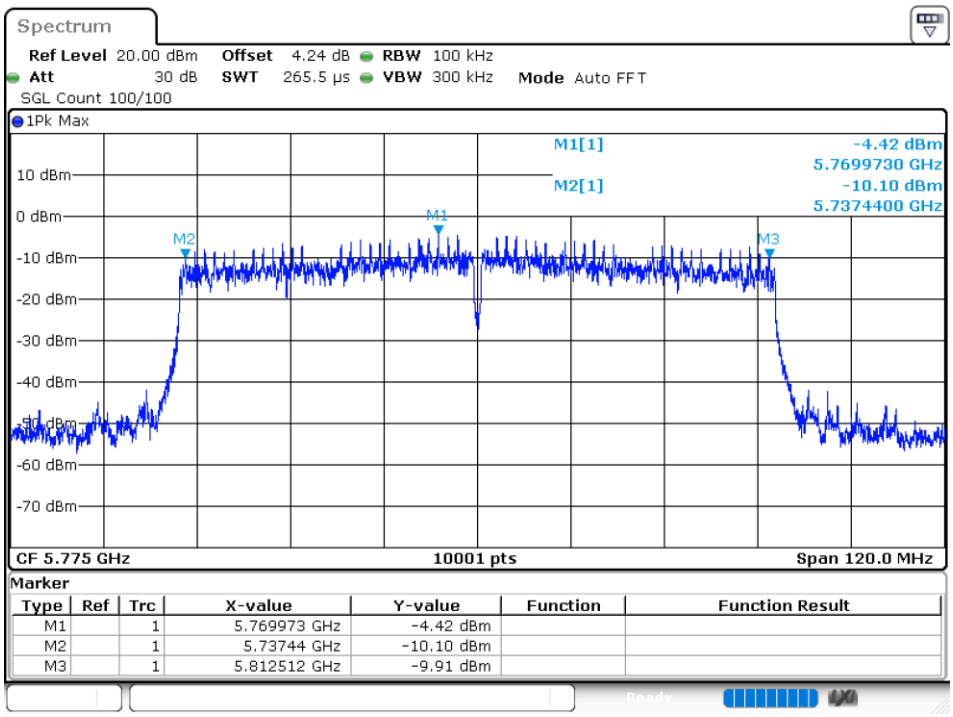
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2

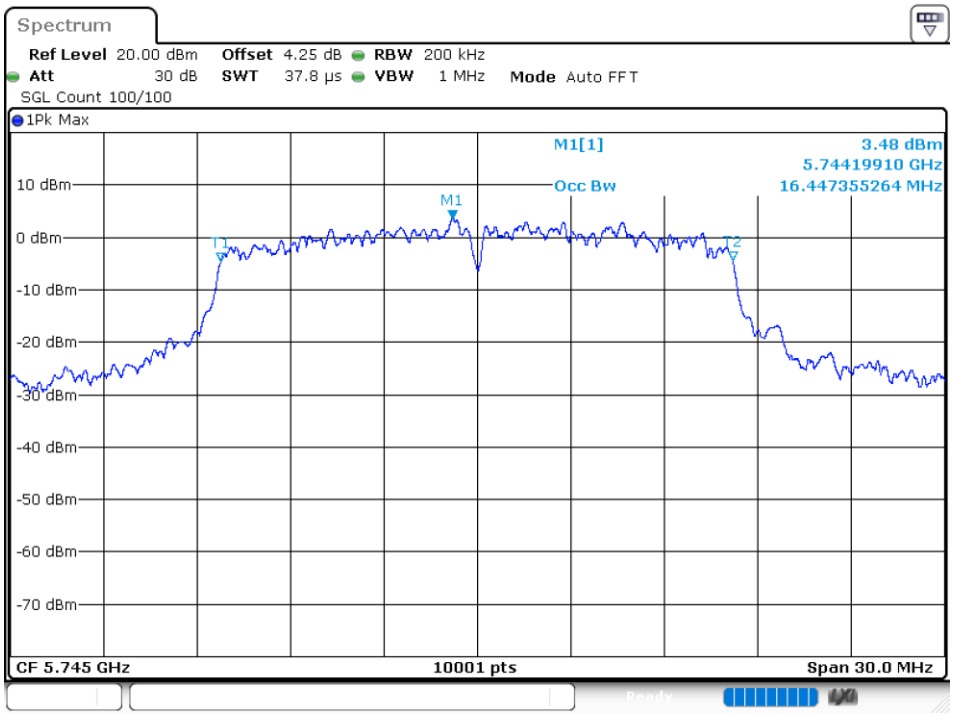


Occupied Channel Bandwidth

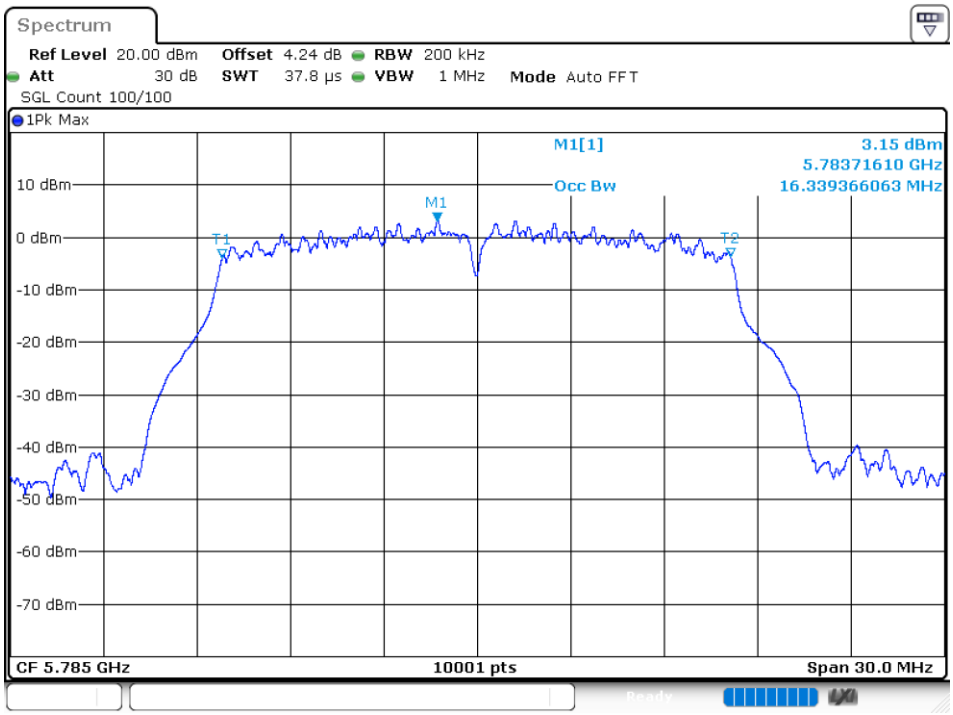
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.447
NVNT	a	5785	Ant1	16.339
NVNT	a	5825	Ant1	16.39
NVNT	a	5745	Ant2	16.36
NVNT	a	5785	Ant2	16.444
NVNT	a	5825	Ant2	16.309
NVNT	n20	5745	Ant1	17.518
NVNT	n20	5785	Ant1	17.527
NVNT	n20	5825	Ant1	17.524
NVNT	n20	5745	Ant2	17.53
NVNT	n20	5785	Ant2	17.632
NVNT	n20	5825	Ant2	17.5
NVNT	n40	5755	Ant1	35.996
NVNT	n40	5795	Ant1	35.99
NVNT	n40	5755	Ant2	36.02
NVNT	n40	5795	Ant2	36.062
NVNT	ac20	5745	Ant1	17.5
NVNT	ac20	5785	Ant1	17.524
NVNT	ac20	5825	Ant1	17.548
NVNT	ac20	5745	Ant2	17.548
NVNT	ac20	5785	Ant2	17.563
NVNT	ac20	5825	Ant2	17.503
NVNT	ac40	5755	Ant1	36.002
NVNT	ac40	5795	Ant1	36.014
NVNT	ac40	5755	Ant2	35.93
NVNT	ac40	5795	Ant2	35.918
NVNT	ac80	5775	Ant1	75.532
NVNT	ac80	5775	Ant2	75.4

Test Graphs

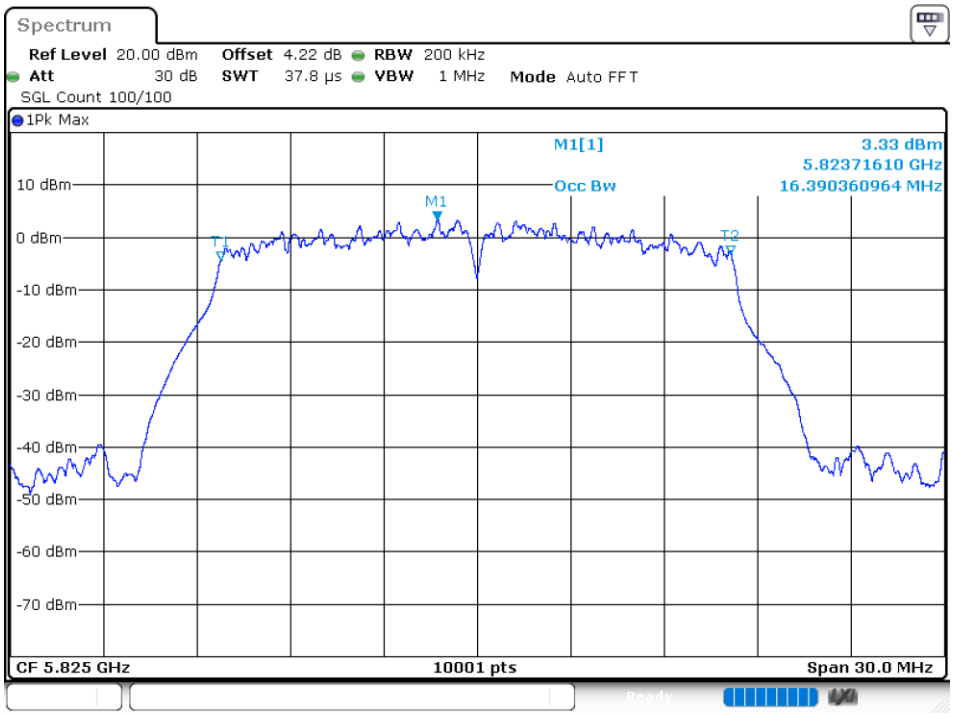
OBW NVNT a 5745MHz Ant1



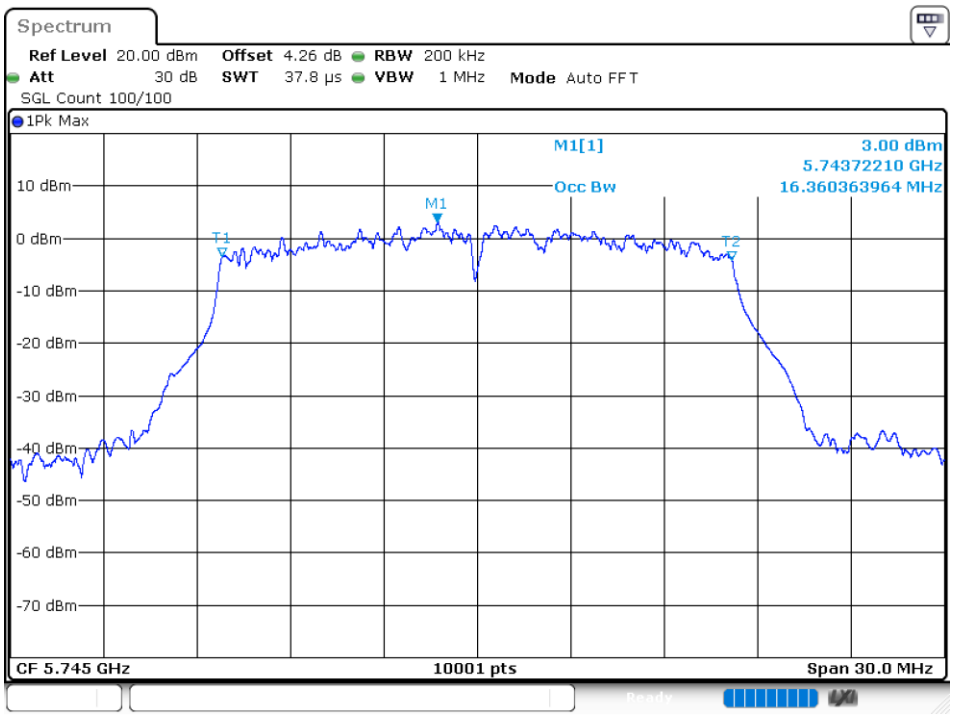
OBW NVNT a 5785MHz Ant1



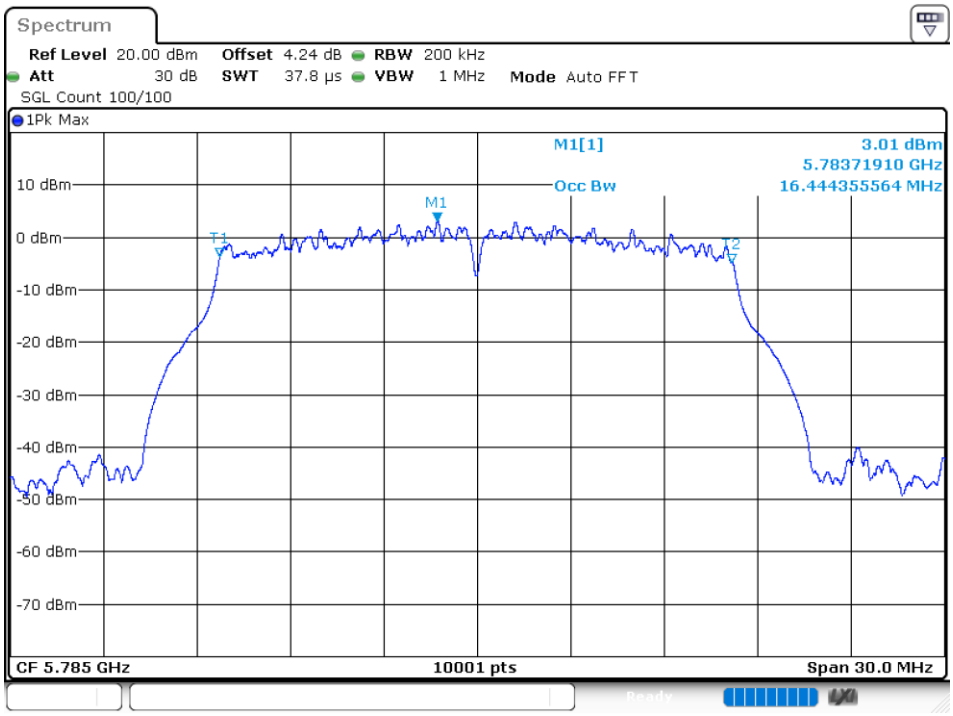
OBW NVNT a 5825MHz Ant1



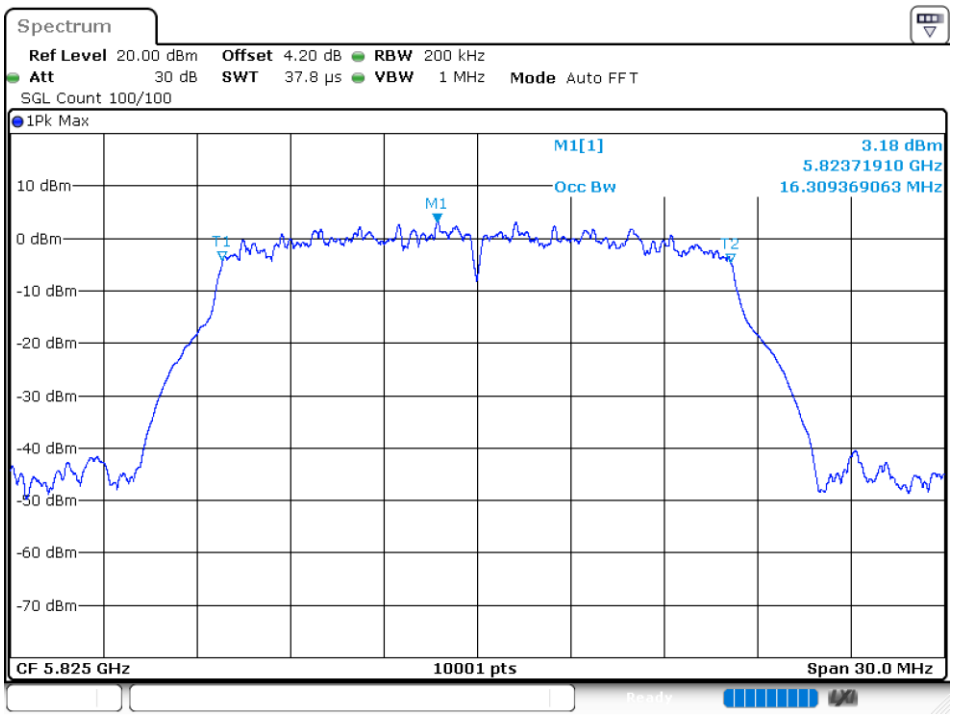
OBW NVNT a 5745MHz Ant2



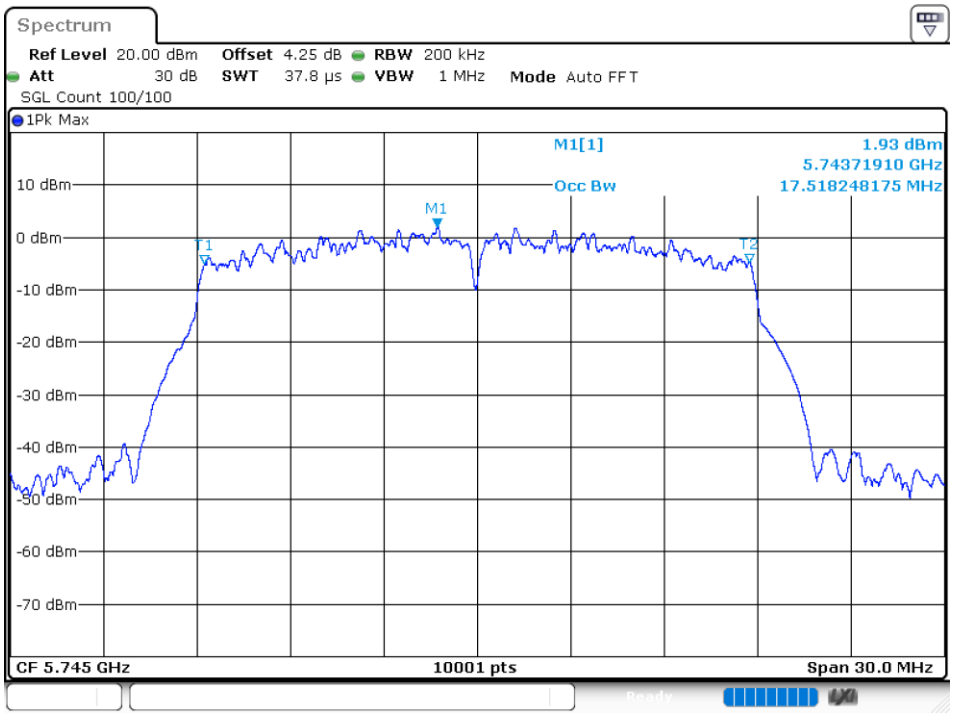
OBW NVNT a 5785MHz Ant2



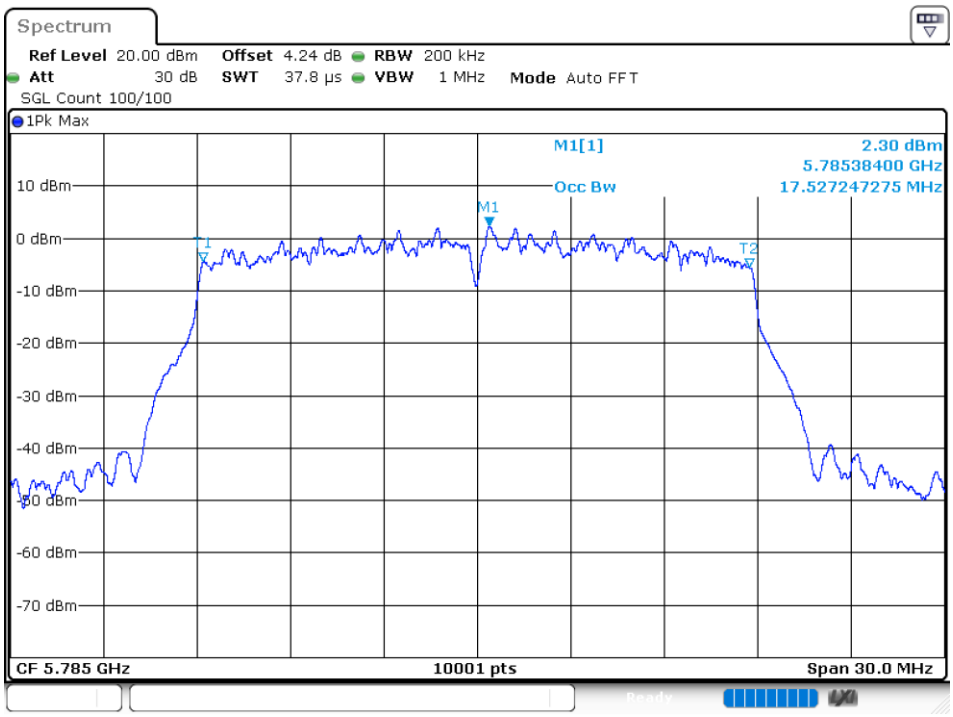
OBW NVNT a 5825MHz Ant2



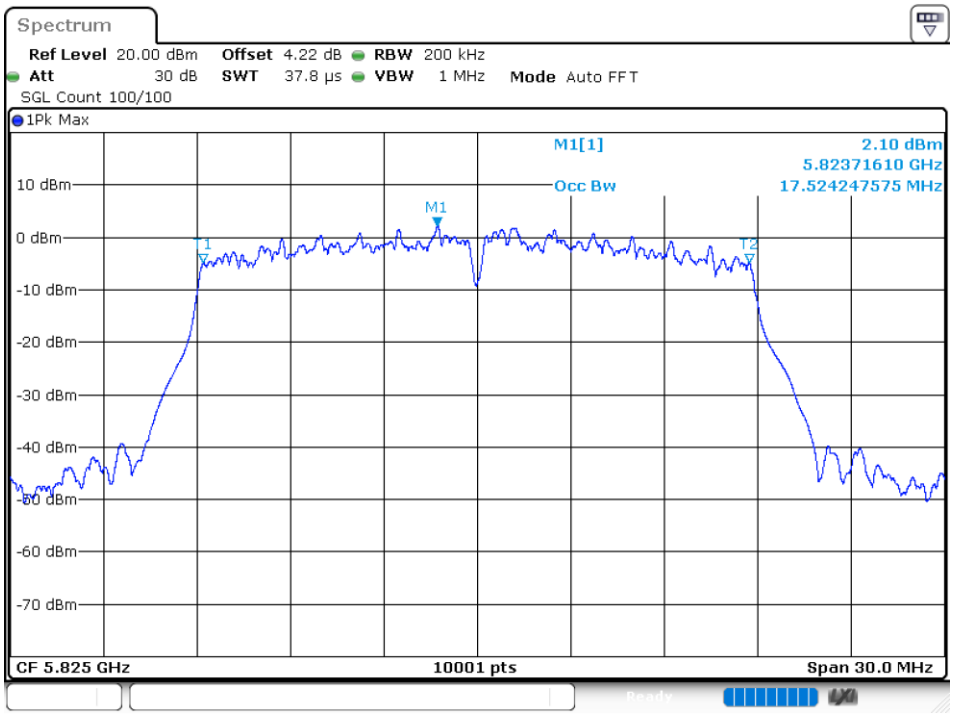
OBW NVNT n20 5745MHz Ant1



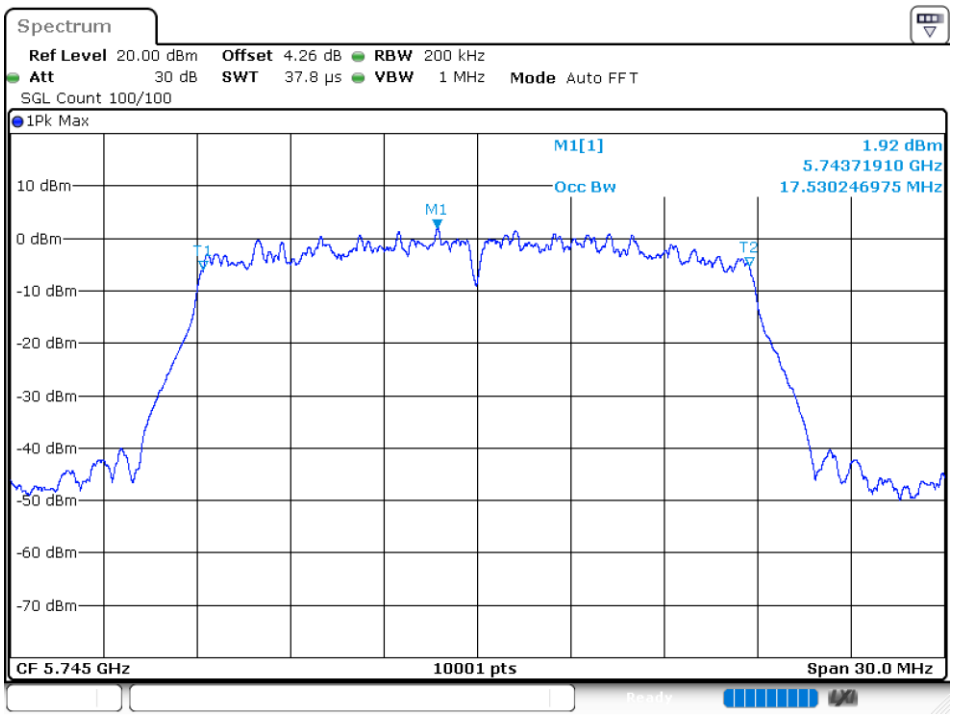
OBW NVNT n20 5785MHz Ant1



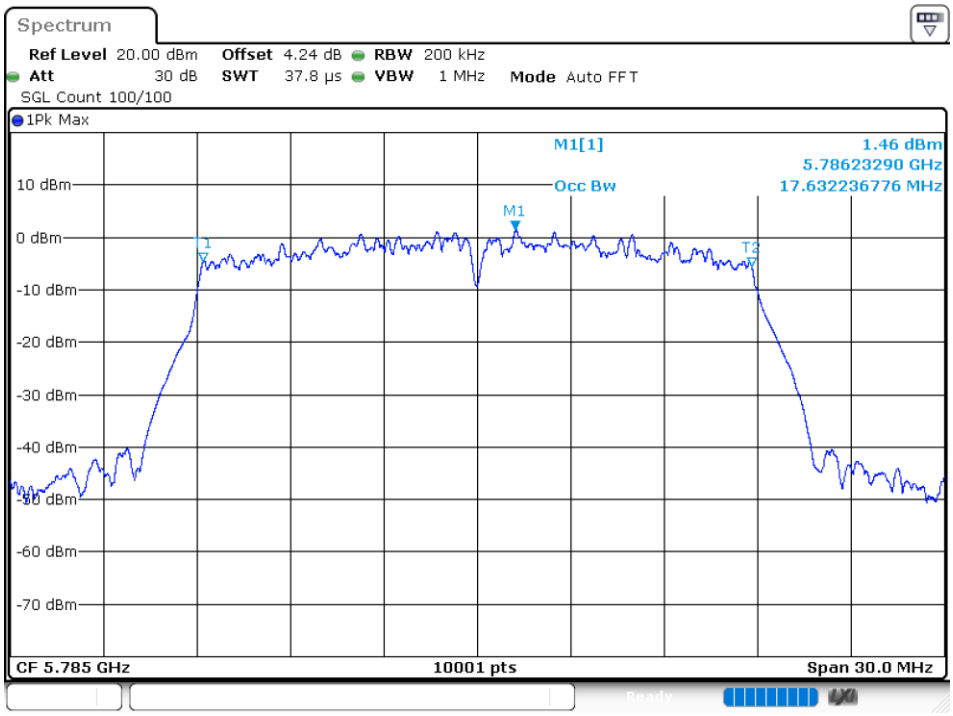
OBW NVNT n20 5825MHz Ant1



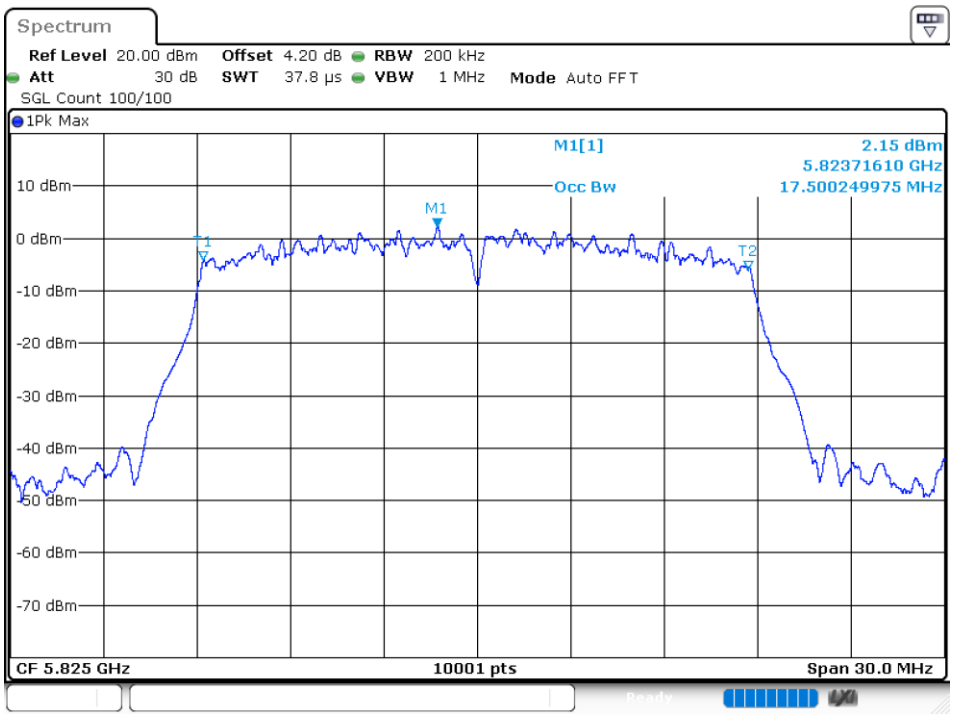
OBW NVNT n20 5745MHz Ant2



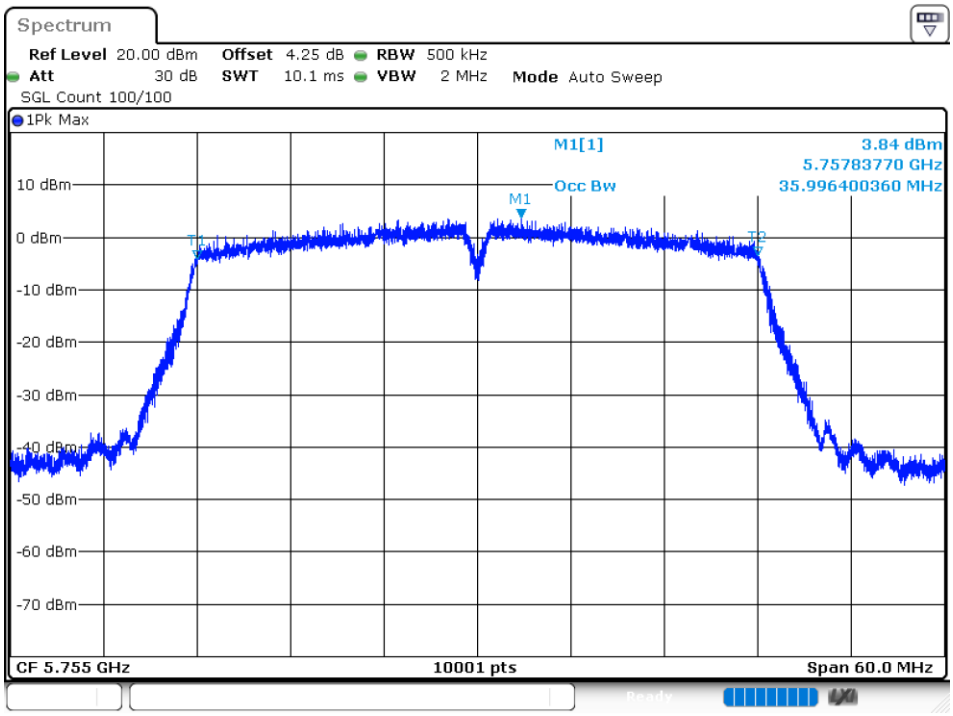
OBW NVNT n20 5785MHz Ant2



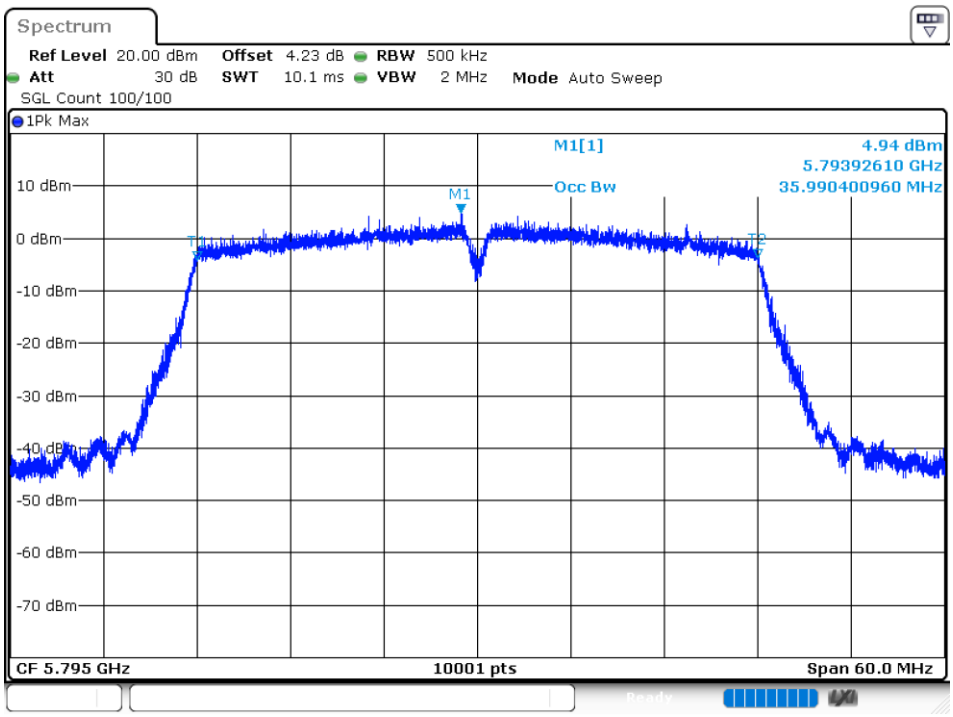
OBW NVNT n20 5825MHz Ant2



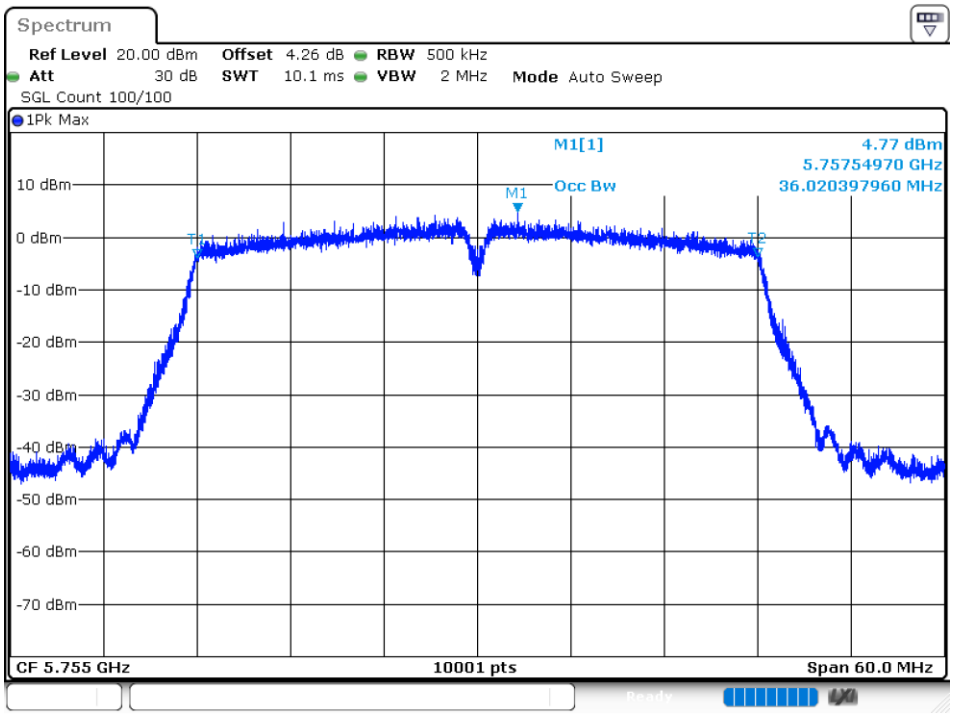
OBW NVNT n40 5755MHz Ant1



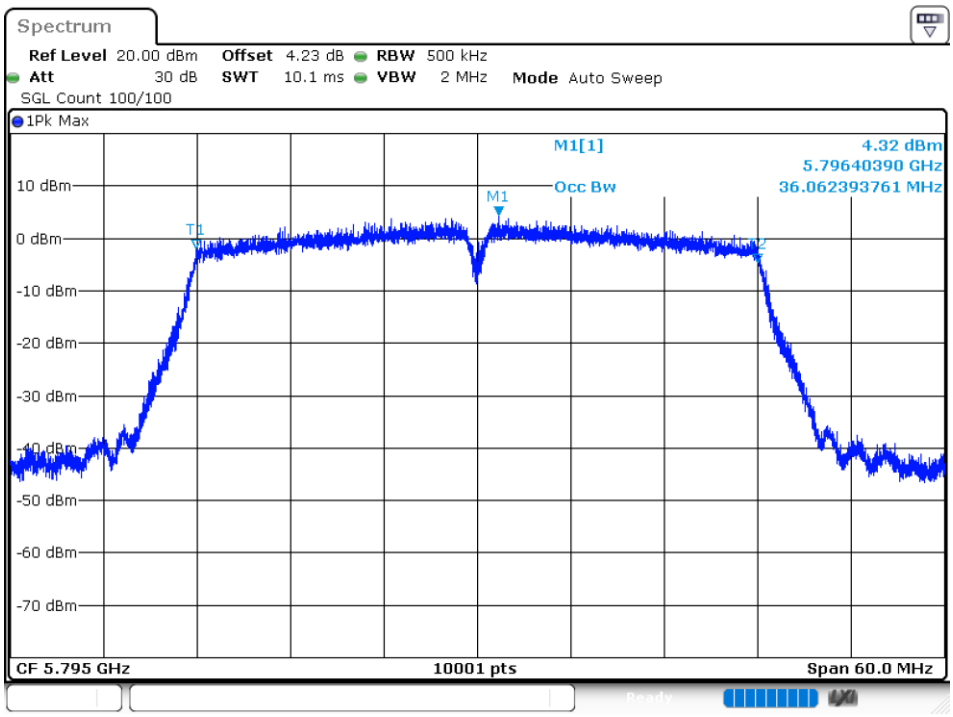
OBW NVNT n40 5795MHz Ant1



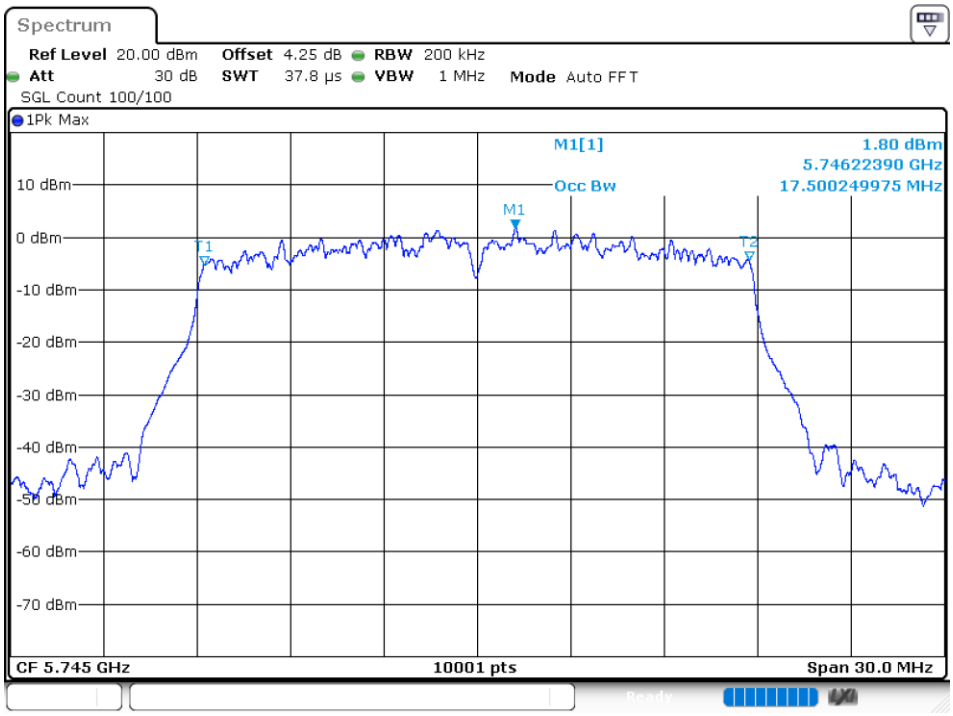
OBW NVNT n40 5755MHz Ant2



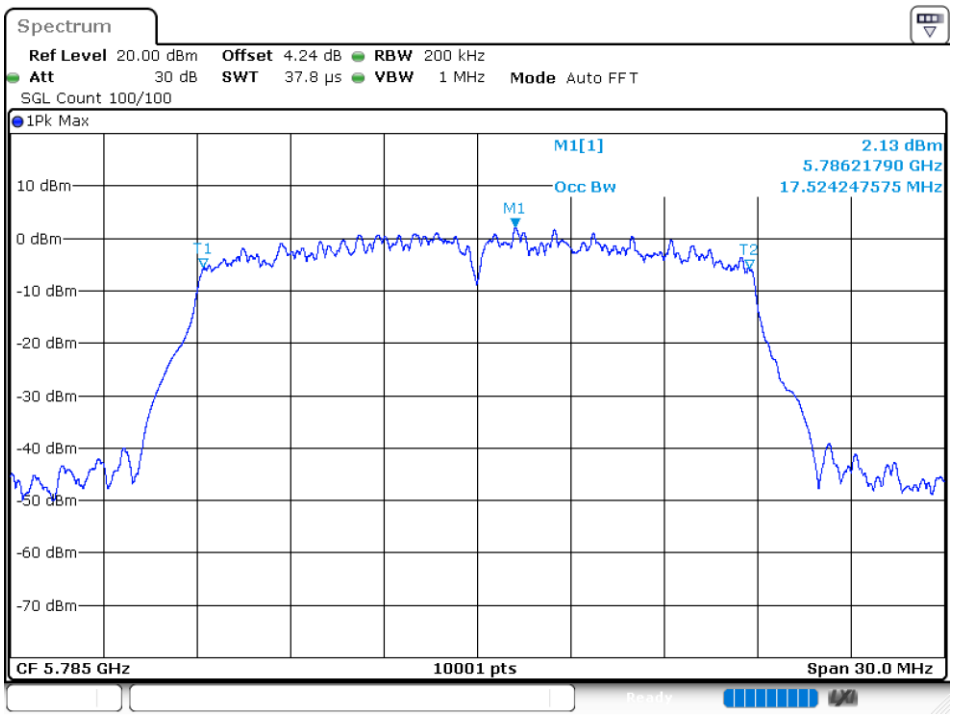
OBW NVNT n40 5795MHz Ant2



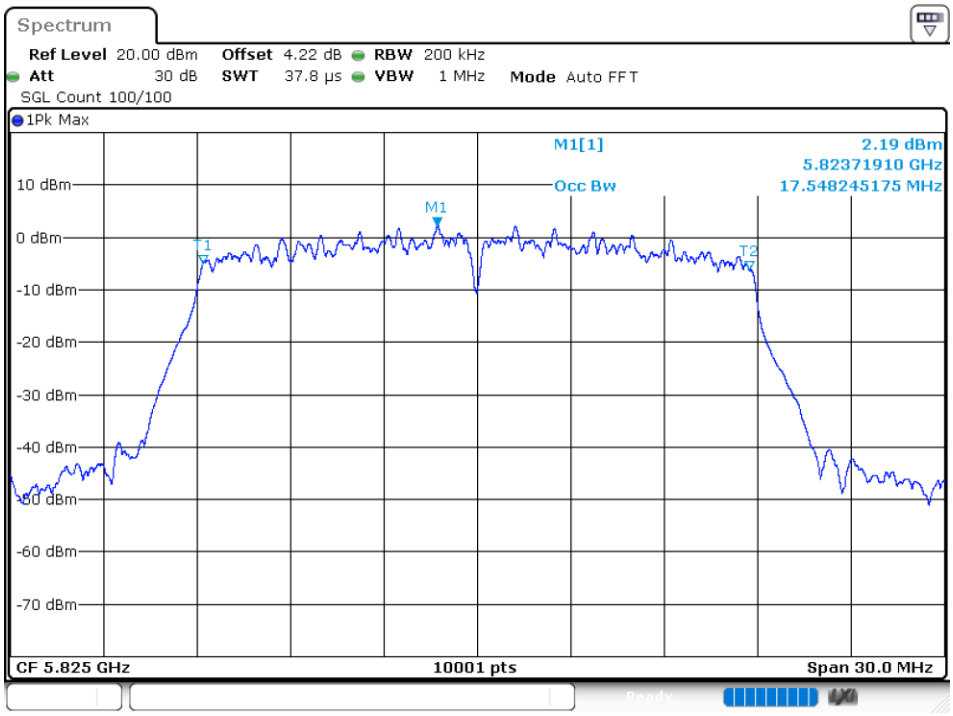
OBW NVNT ac20 5745MHz Ant1



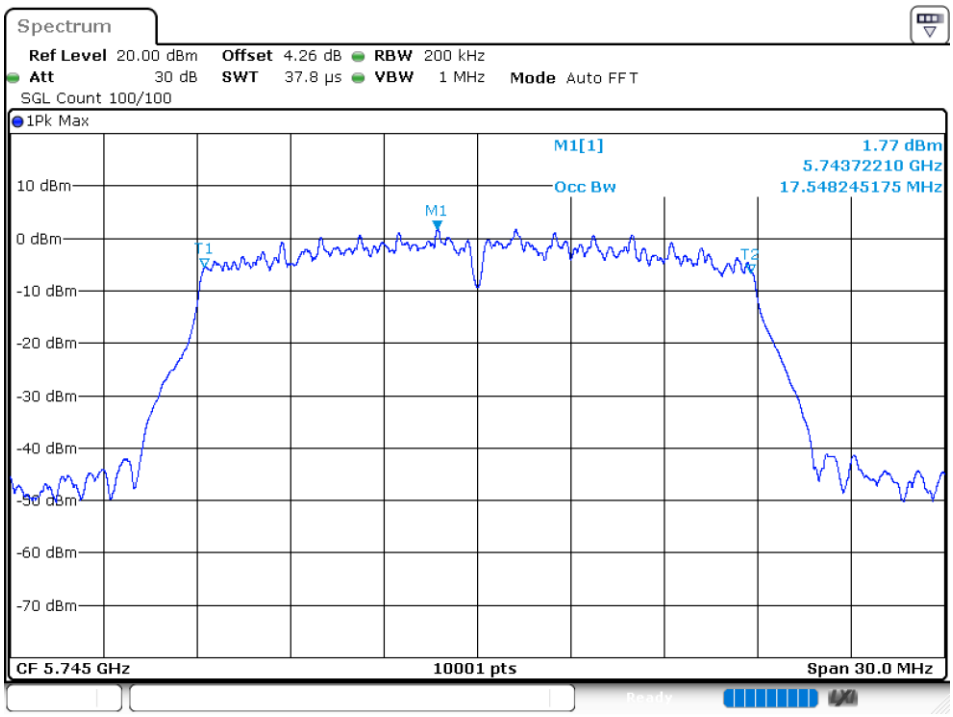
OBW NVNT ac20 5785MHz Ant1



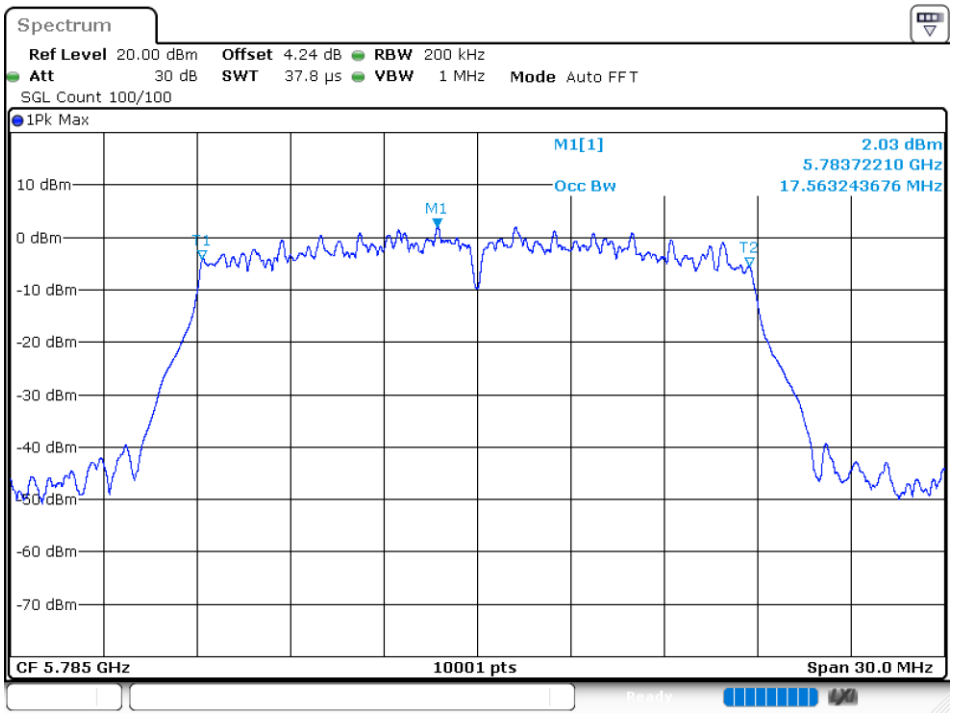
OBW NVNT ac20 5825MHz Ant1



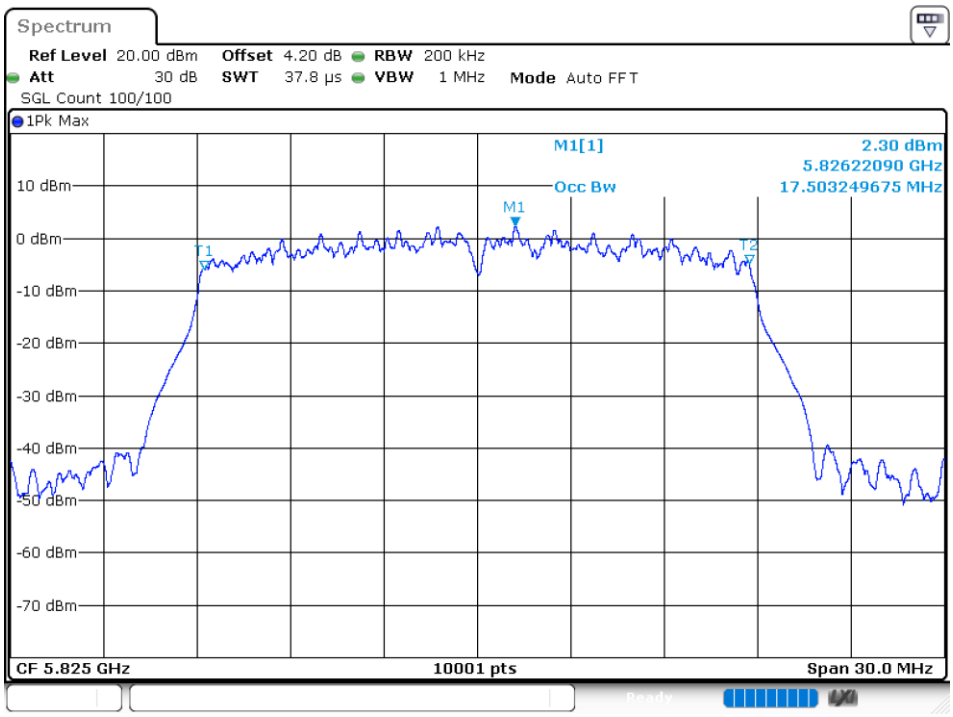
OBW NVNT ac20 5745MHz Ant2



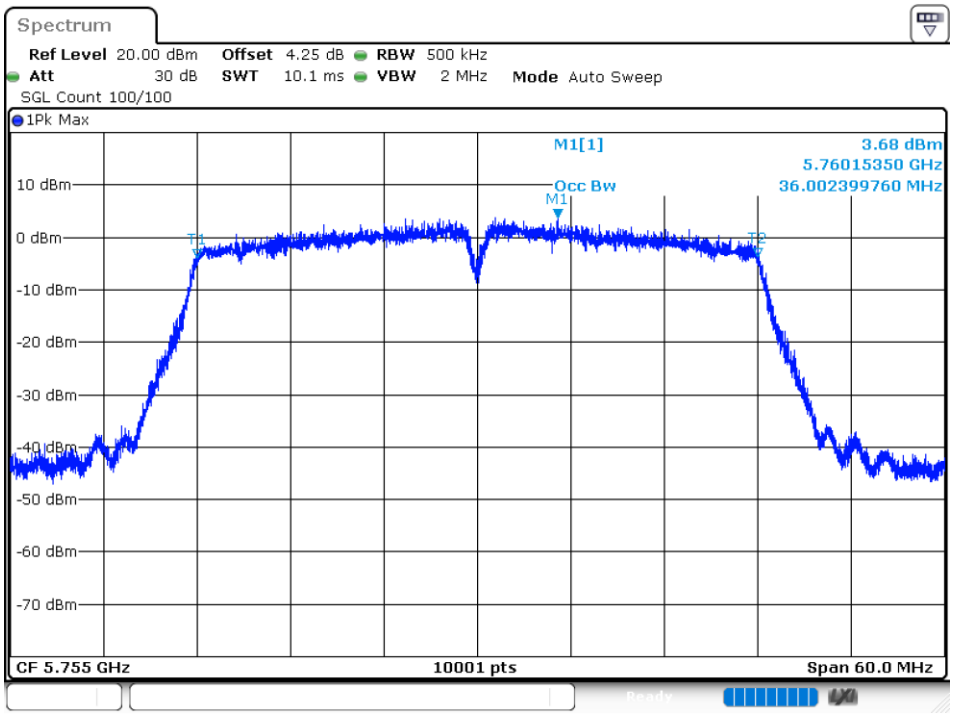
OBW NVNT ac20 5785MHz Ant2



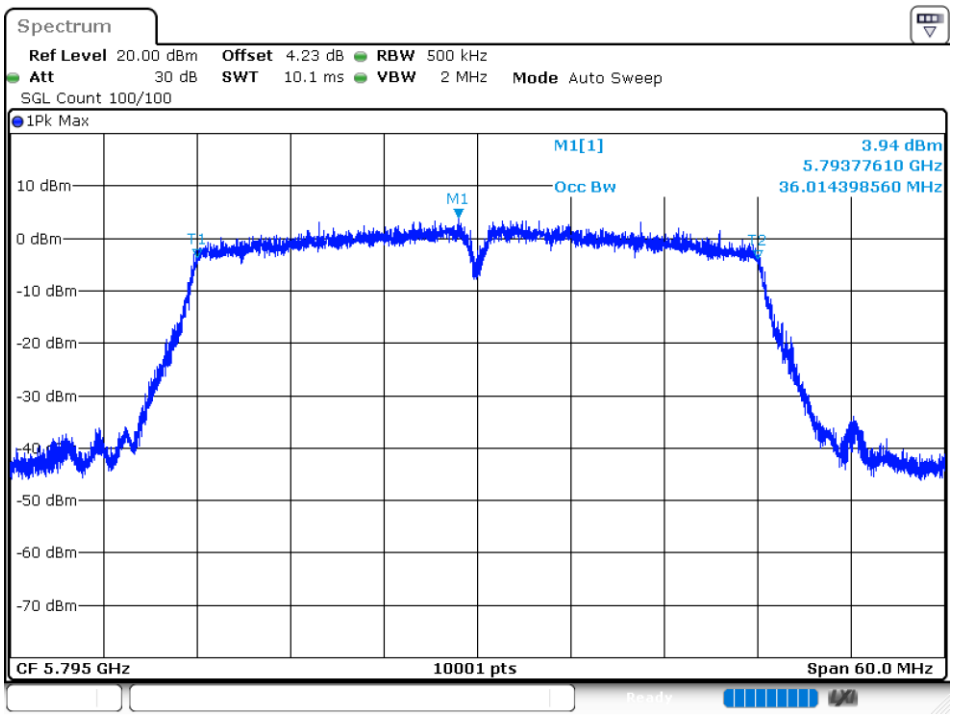
OBW NVNT ac20 5825MHz Ant2



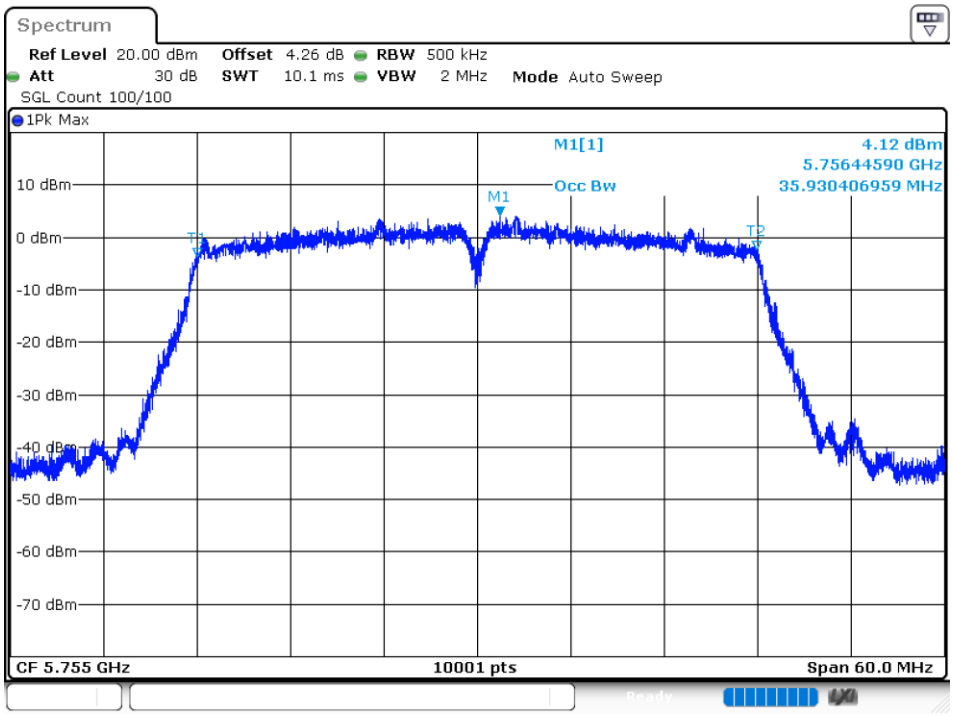
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac40 5755MHz Ant2



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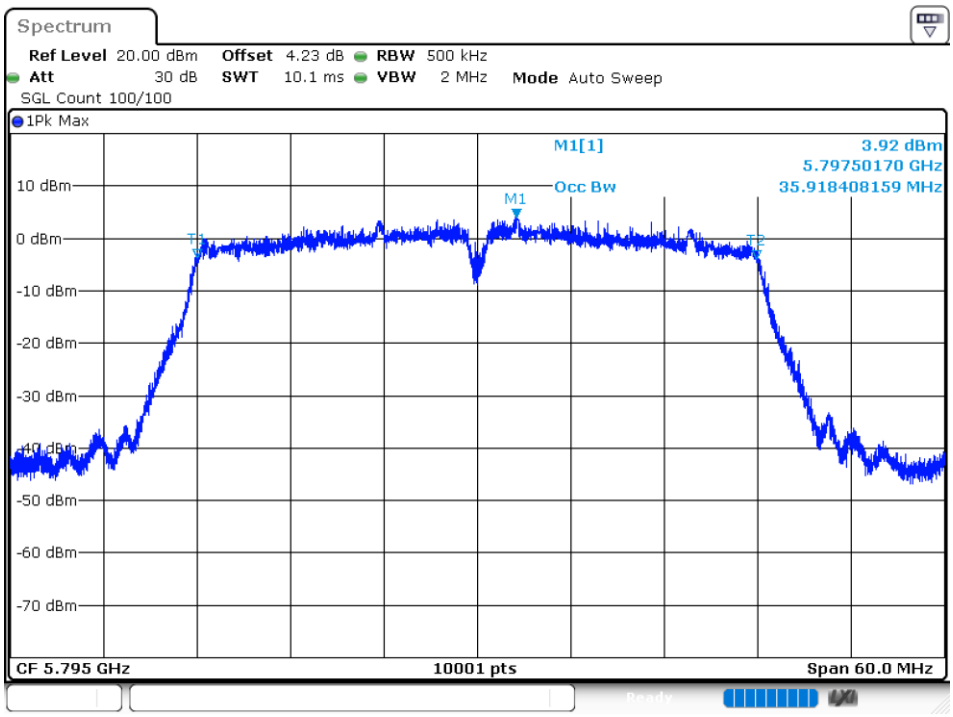
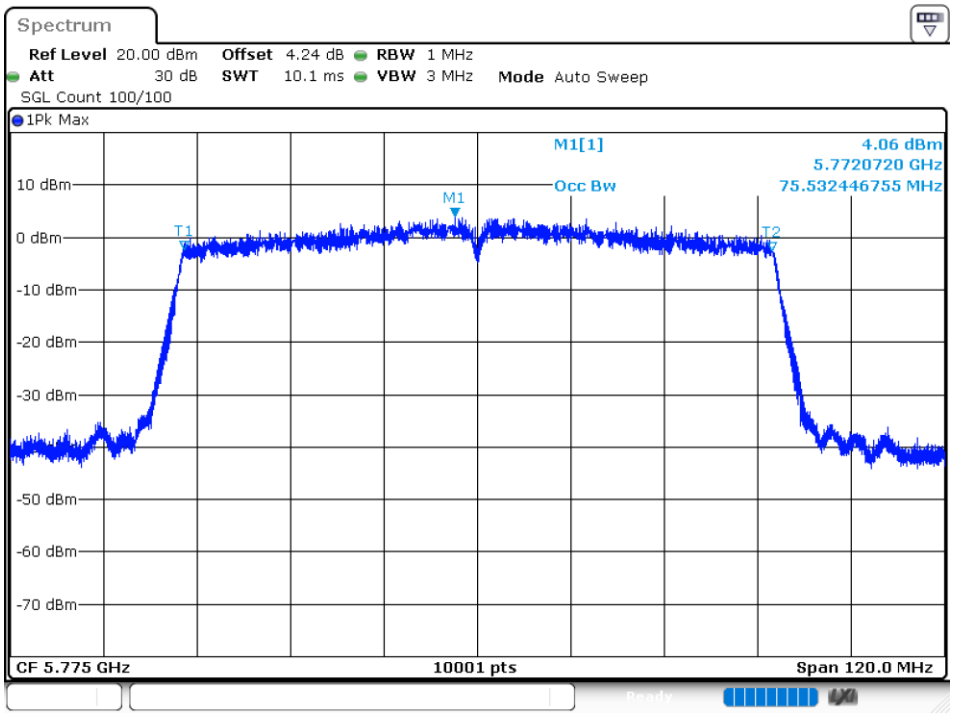


OBW NVNT ac80 5775MHz Ant1



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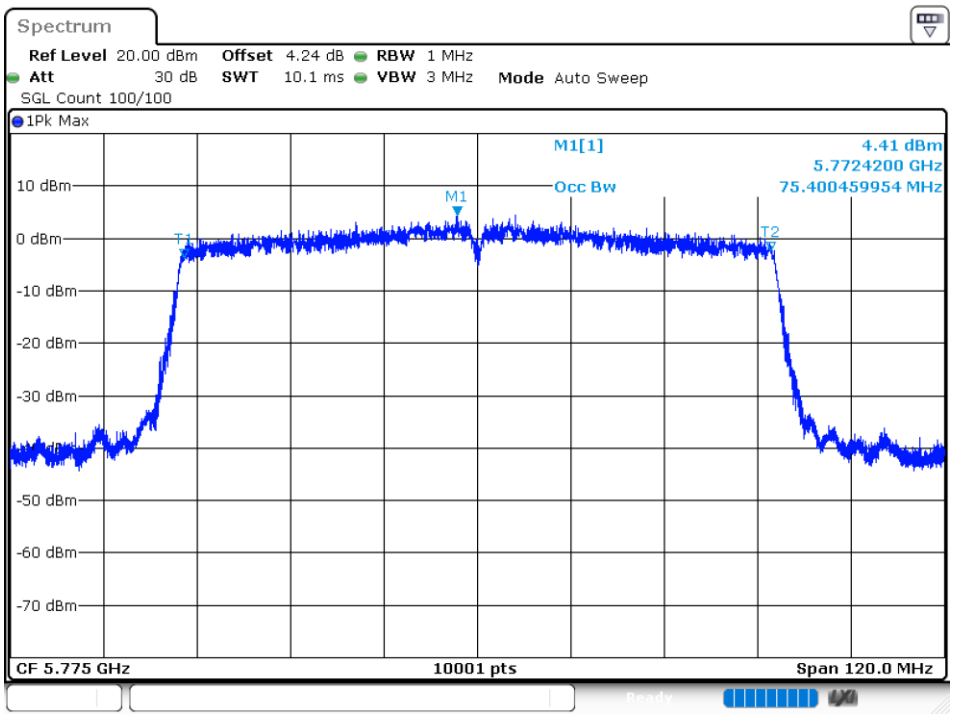
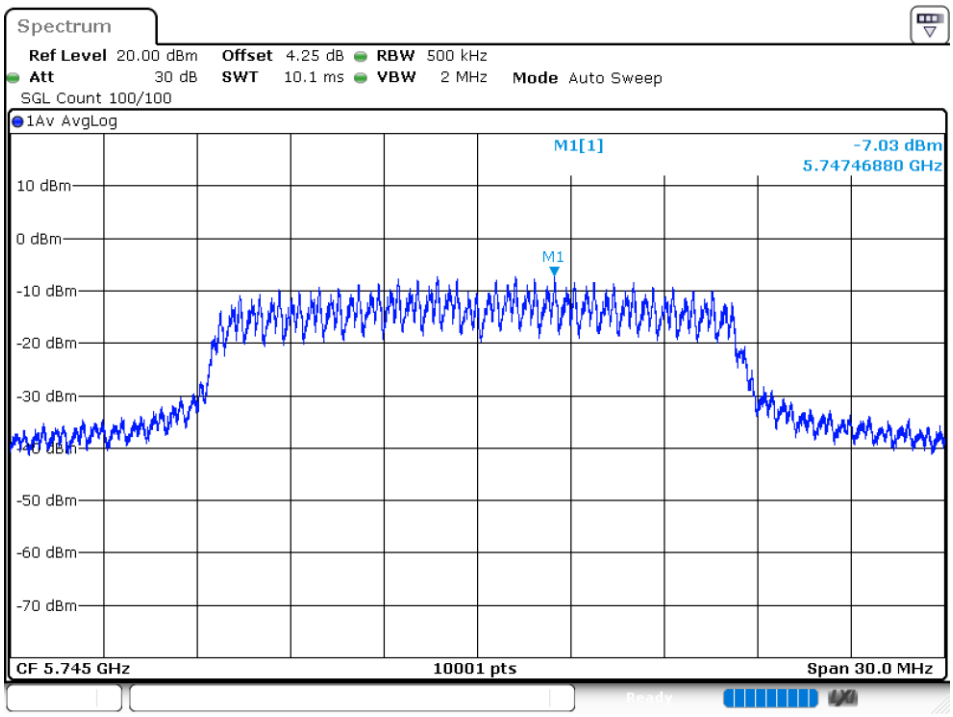


Maximum Power Spectral Density Level

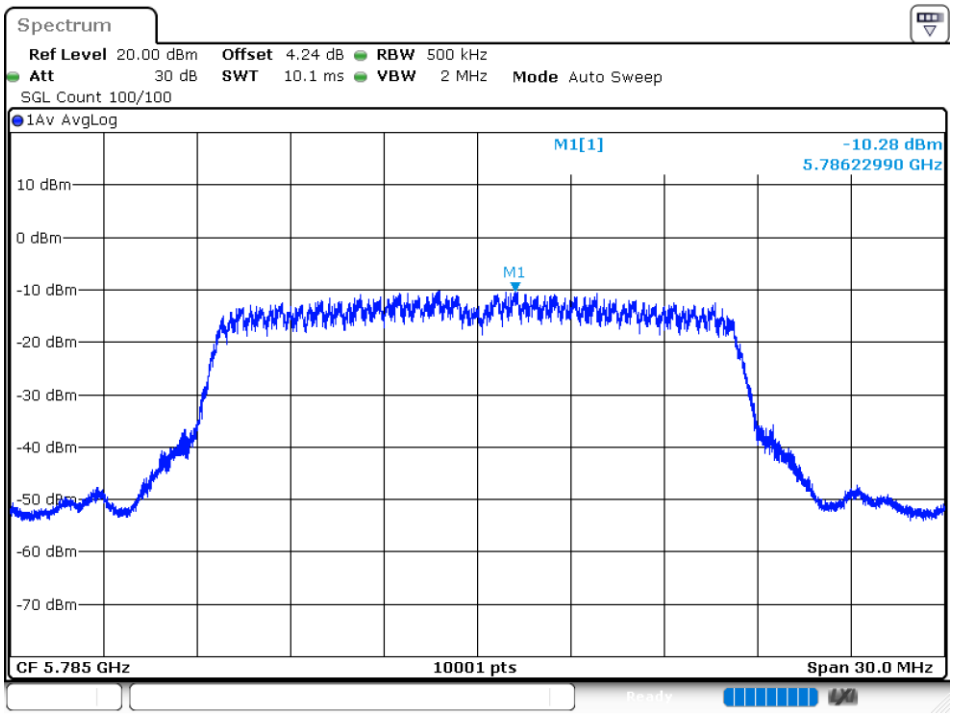
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.03	0.74	-6.29	30	Pass
NVNT	a	5785	Ant1	-10.28	0.75	-9.53	30	Pass
NVNT	a	5825	Ant1	-8.34	0.16	-8.18	30	Pass
NVNT	a	5745	Ant2	-7.67	0.69	-6.98	30	Pass
NVNT	a	5785	Ant2	-5.13	0.71	-4.42	30	Pass
NVNT	a	5825	Ant2	-7.88	0.72	-7.16	30	Pass
NVNT	n20	5745	Ant1	-11.73	0.79	-10.94	30	Pass
NVNT	n20	5785	Ant1	-11.39	0.79	-10.6	30	Pass
NVNT	n20	5825	Ant1	-10.34	0.17	-10.17	30	Pass
NVNT	n20	5745	Ant2	-11.35	0.72	-10.63	30	Pass
NVNT	n20	5785	Ant2	-11.3	0.73	-10.57	30	Pass
NVNT	n20	5825	Ant2	-10.34	0.73	-9.61	30	Pass
NVNT	n40	5755	Ant1	-18.94	0.38	-18.56	30	Pass
NVNT	n40	5795	Ant1	-17.13	0.27	-16.86	30	Pass
NVNT	n40	5755	Ant2	-16.66	1.09	-15.57	30	Pass
NVNT	n40	5795	Ant2	-18.63	1.13	-17.5	30	Pass
NVNT	ac20	5745	Ant1	-13.18	1.12	-12.06	30	Pass
NVNT	ac20	5785	Ant1	-12.4	1.13	-11.27	30	Pass
NVNT	ac20	5825	Ant1	-15.27	1.12	-14.15	30	Pass
NVNT	ac20	5745	Ant2	-15.24	1.04	-14.2	30	Pass
NVNT	ac20	5785	Ant2	-14.55	1.04	-13.51	30	Pass
NVNT	ac20	5825	Ant2	-13.03	1.06	-11.97	30	Pass
NVNT	ac40	5755	Ant1	-18.18	1.25	-16.93	30	Pass
NVNT	ac40	5795	Ant1	-21.16	1.25	-19.91	30	Pass
NVNT	ac40	5755	Ant2	-16.95	1.71	-15.24	30	Pass
NVNT	ac40	5795	Ant2	-18.6	1.76	-16.84	30	Pass
NVNT	ac80	5775	Ant1	-24.95	1.7	-23.25	30	Pass
NVNT	ac80	5775	Ant2	-23.44	1.65	-21.79	30	Pass

Test Graphs

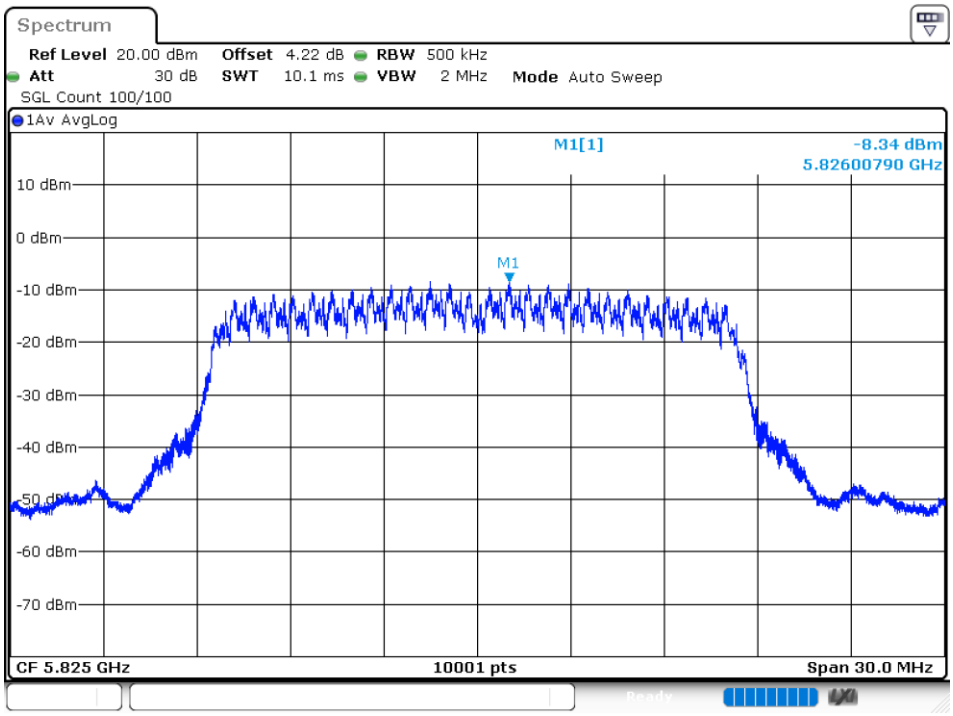
PSD NVNT a 5745MHz Ant1



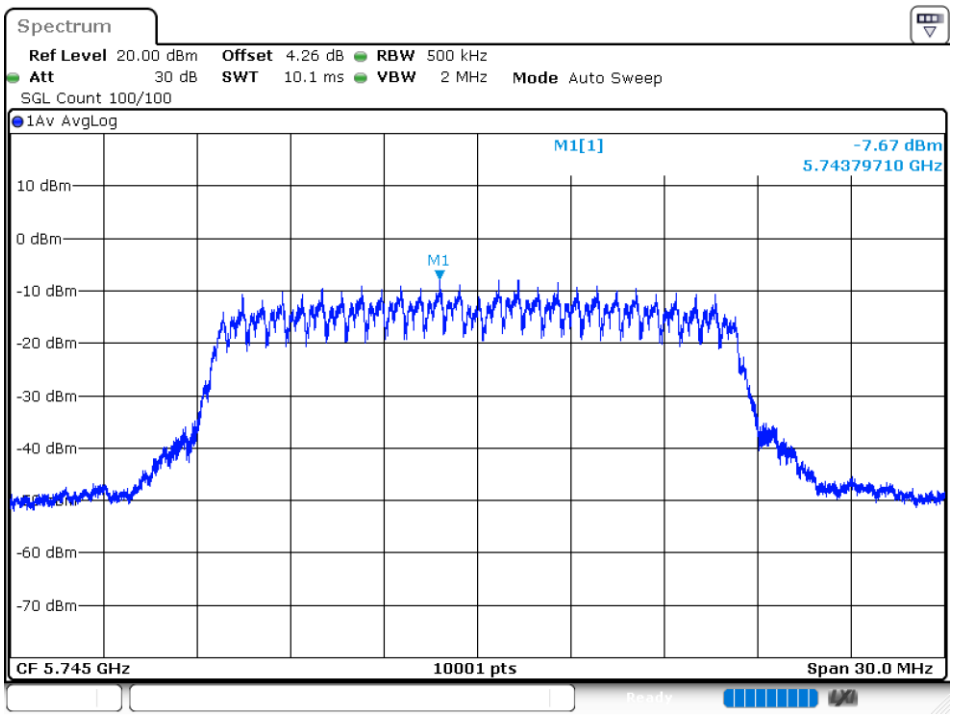
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT a 5745MHz Ant2



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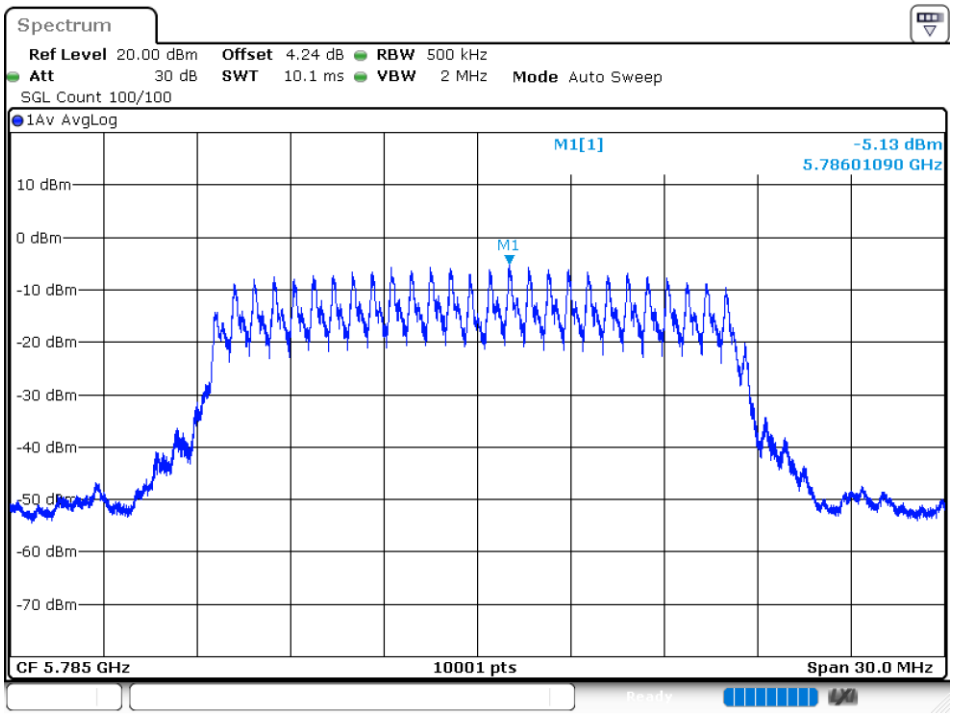
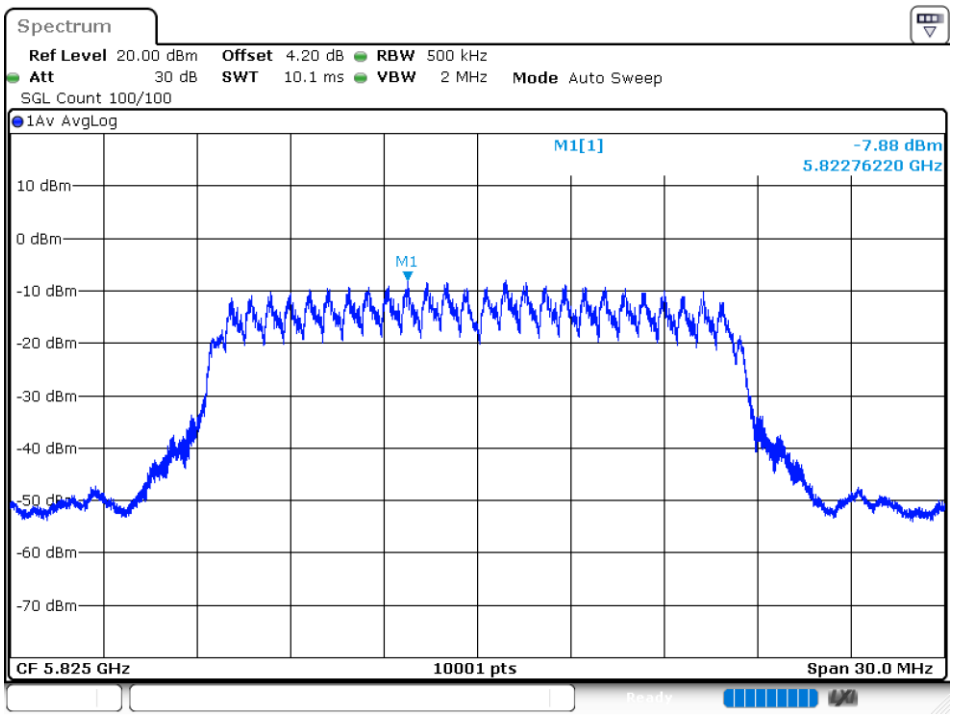
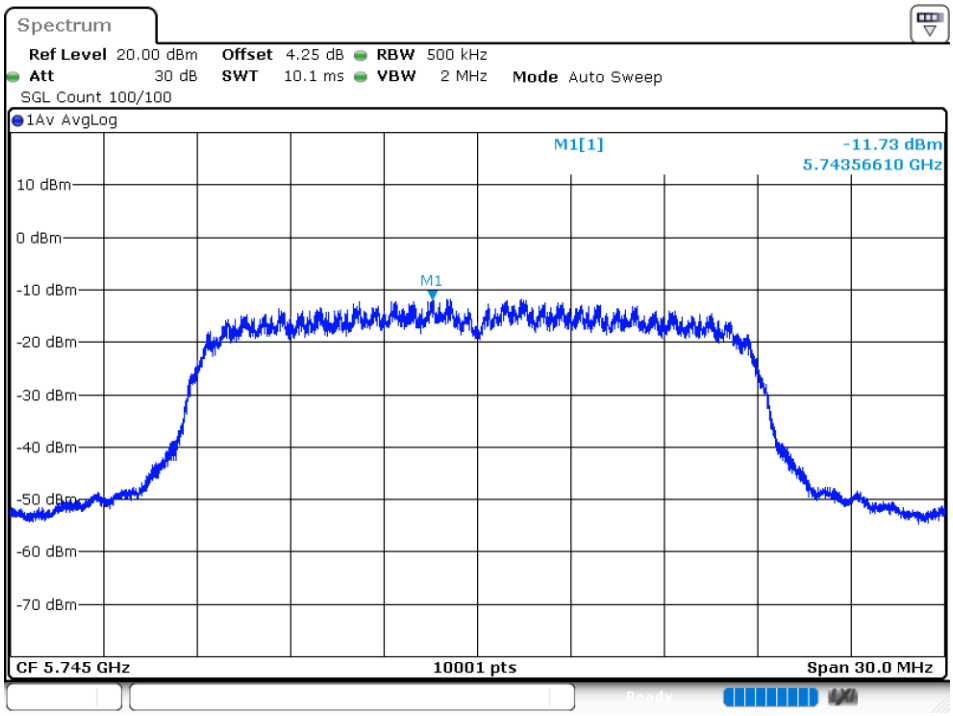


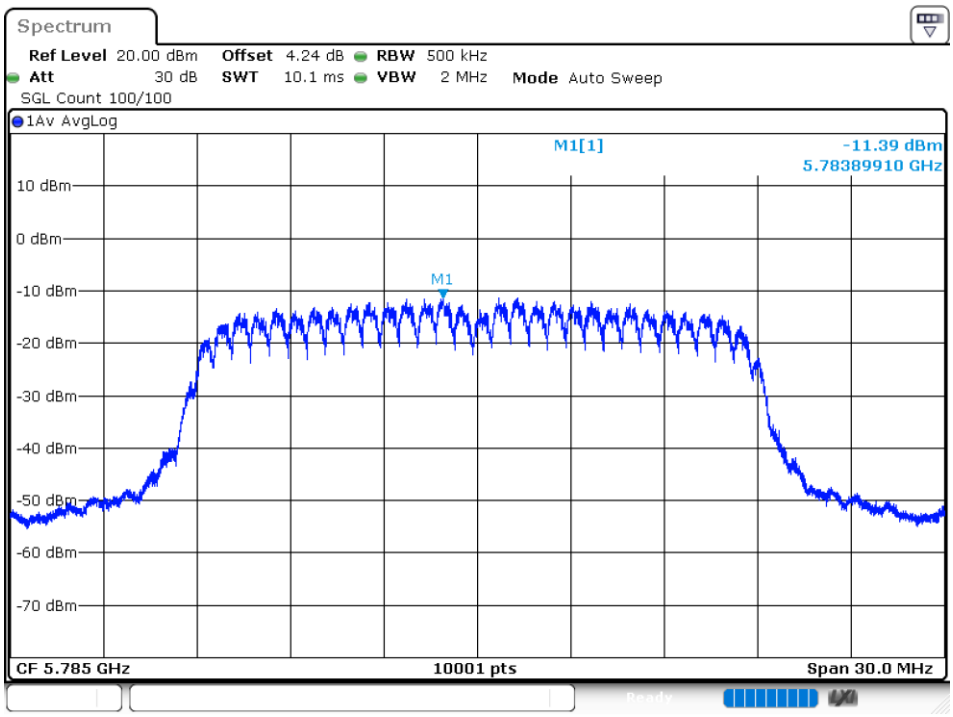
PSD NVNT a 5825MHz Ant2



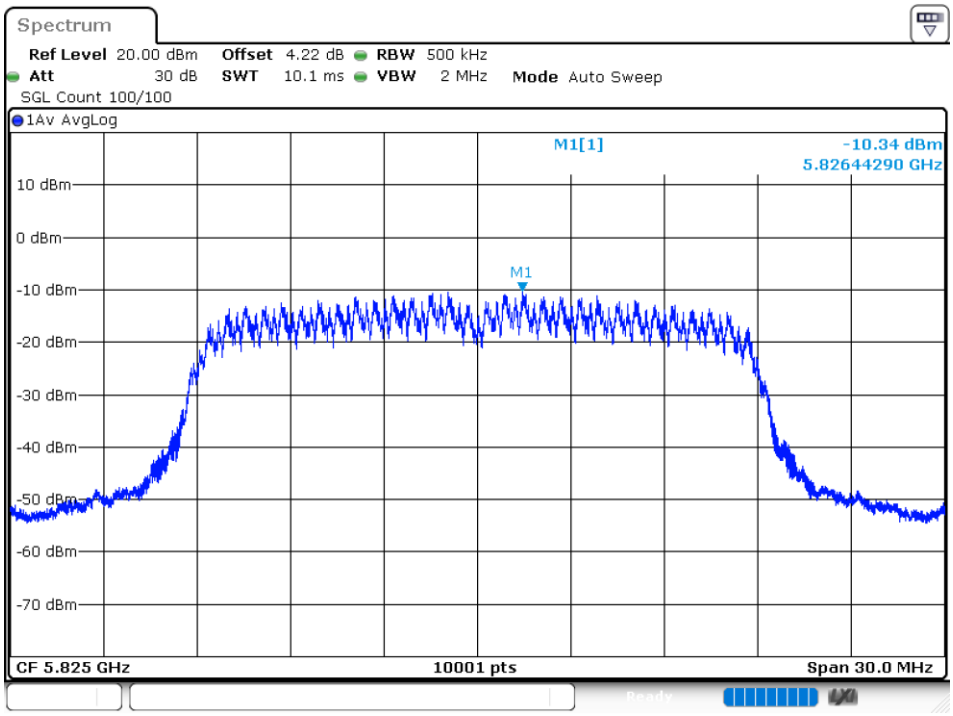
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



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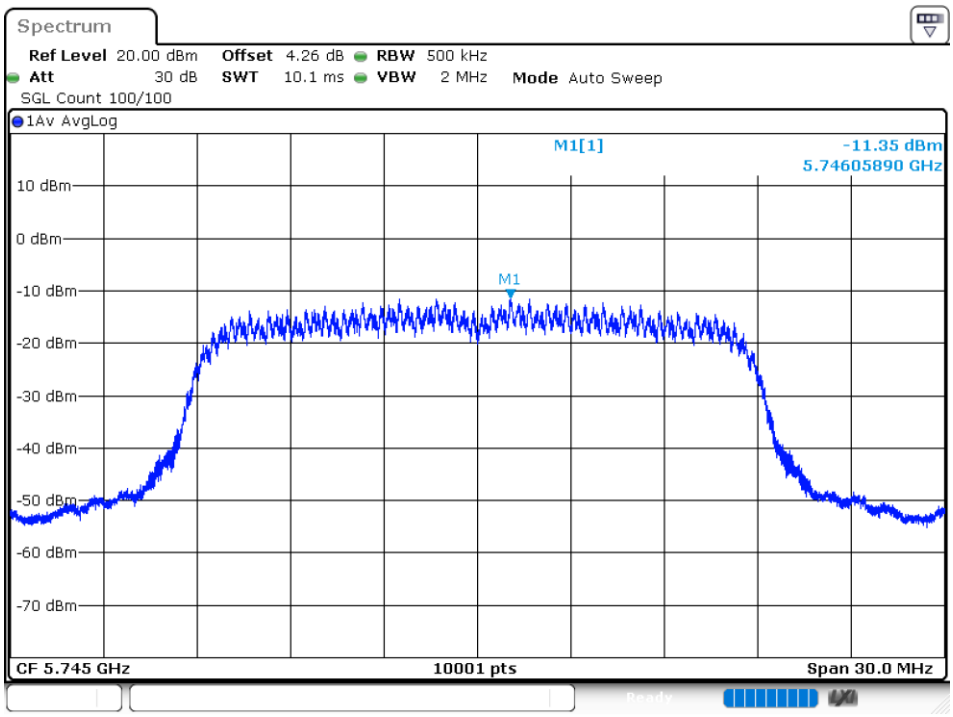

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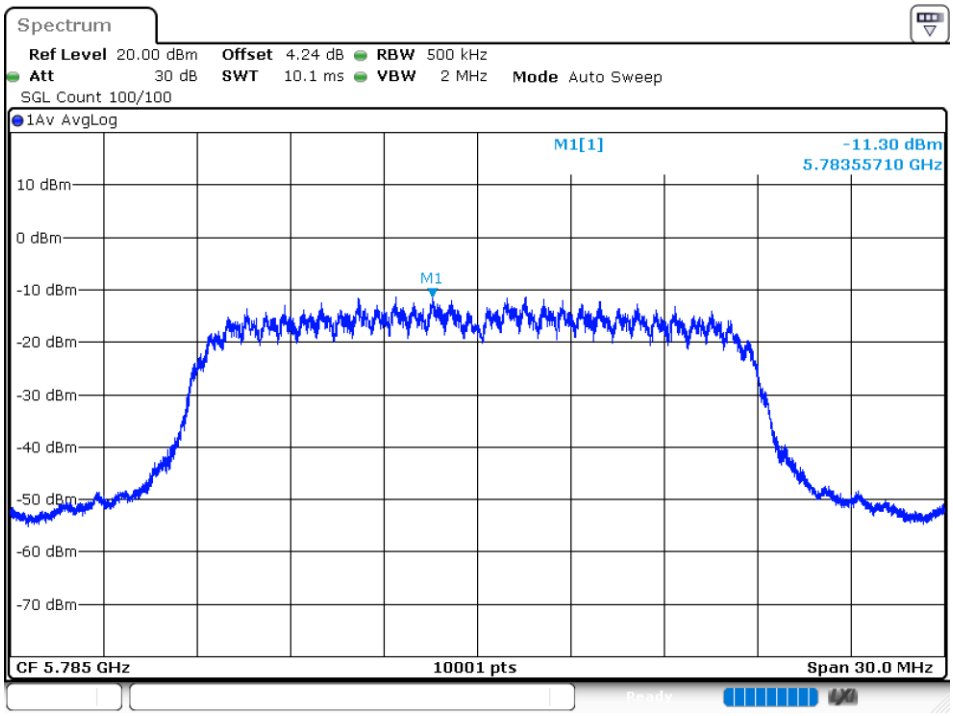
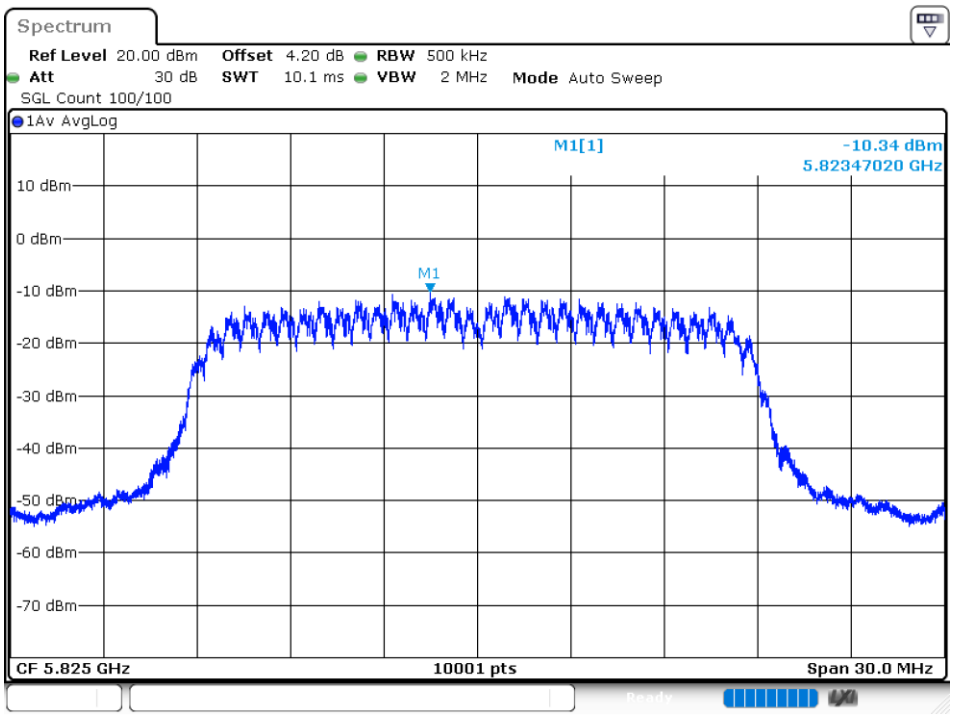
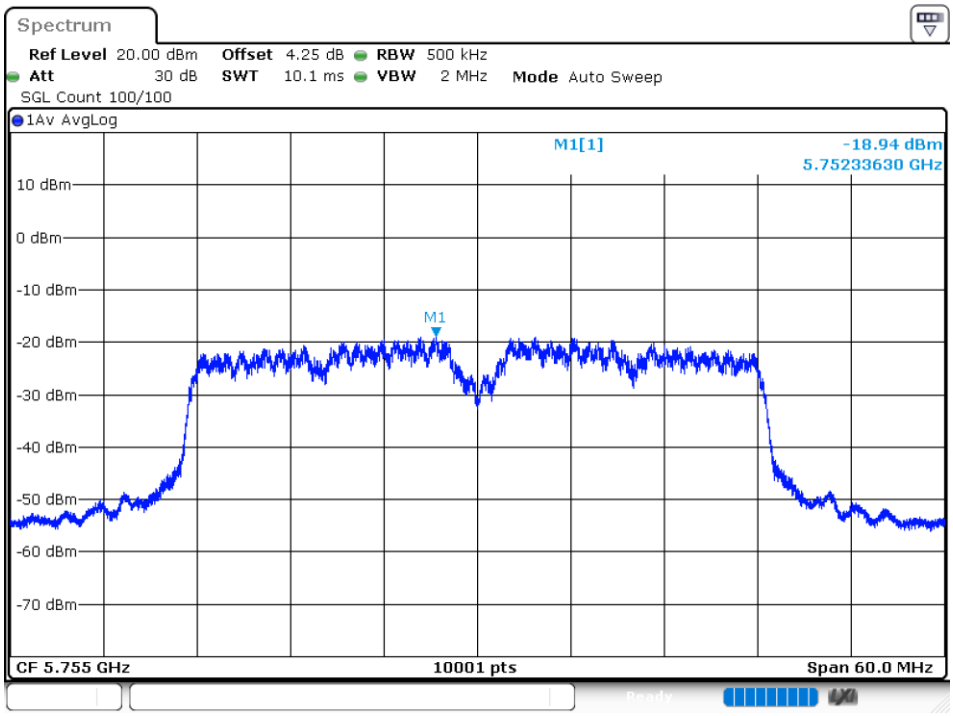


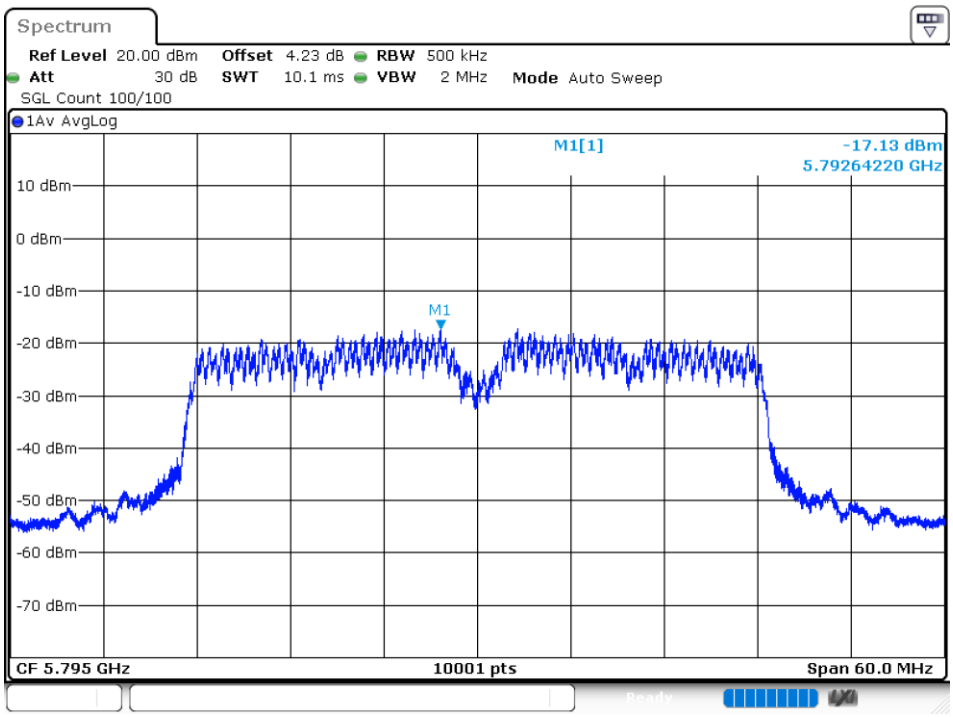
PSD NVNT n20 5825MHz Ant2



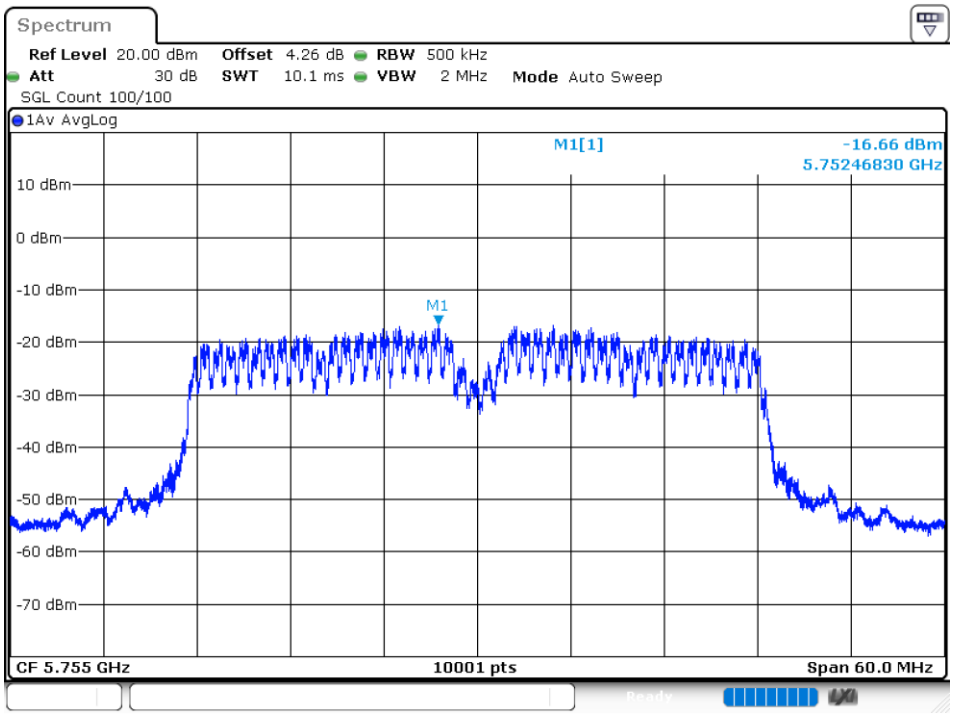
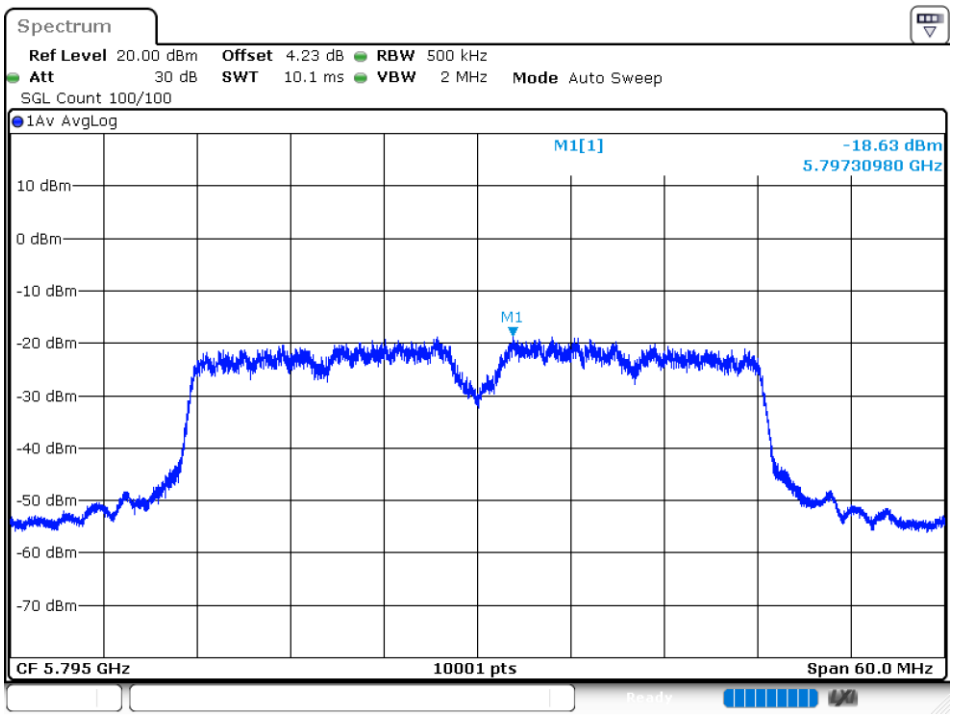
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2