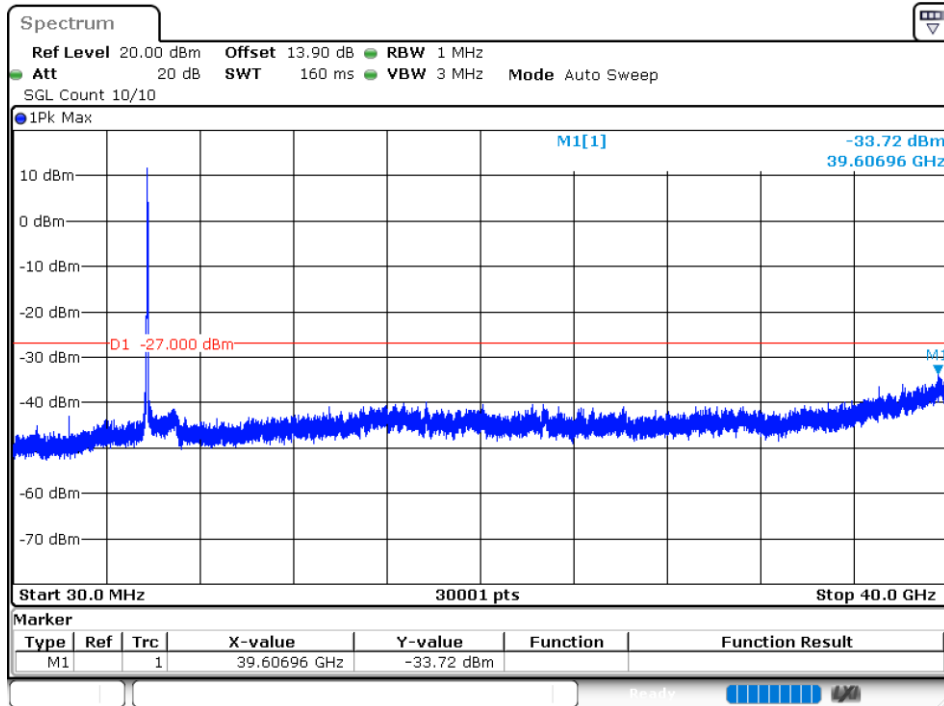
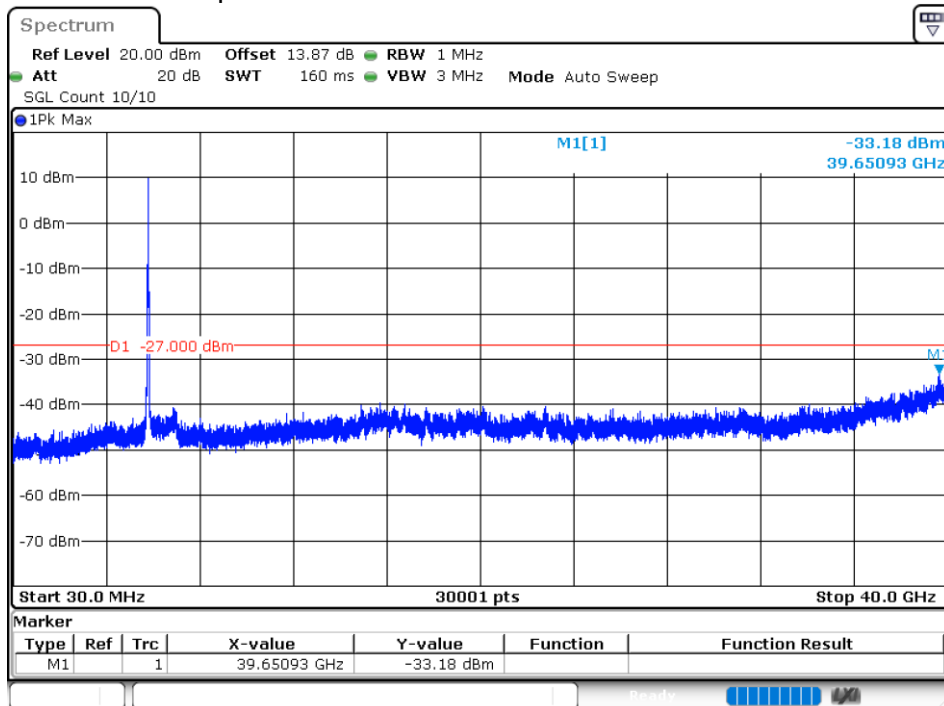
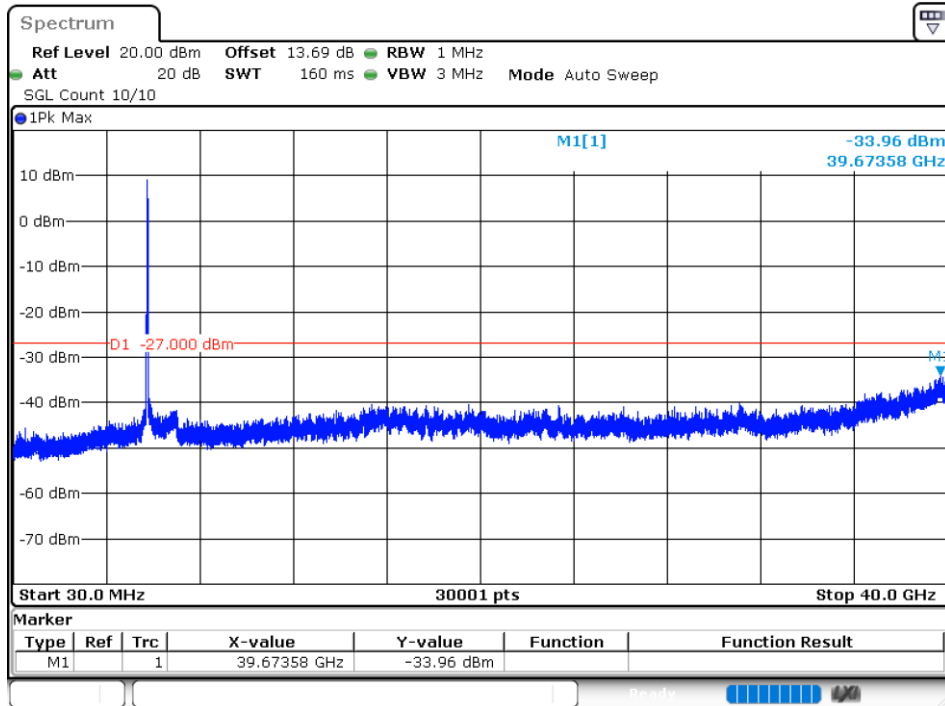




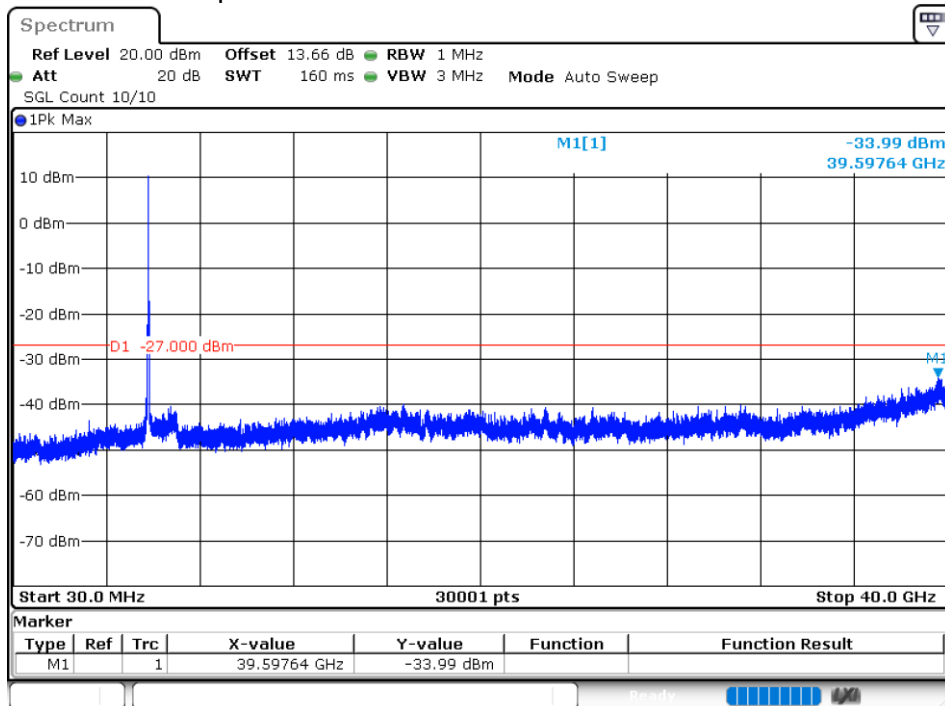
Tx. Spurious NVNT ax40 5795MHz Ant 1 Emission



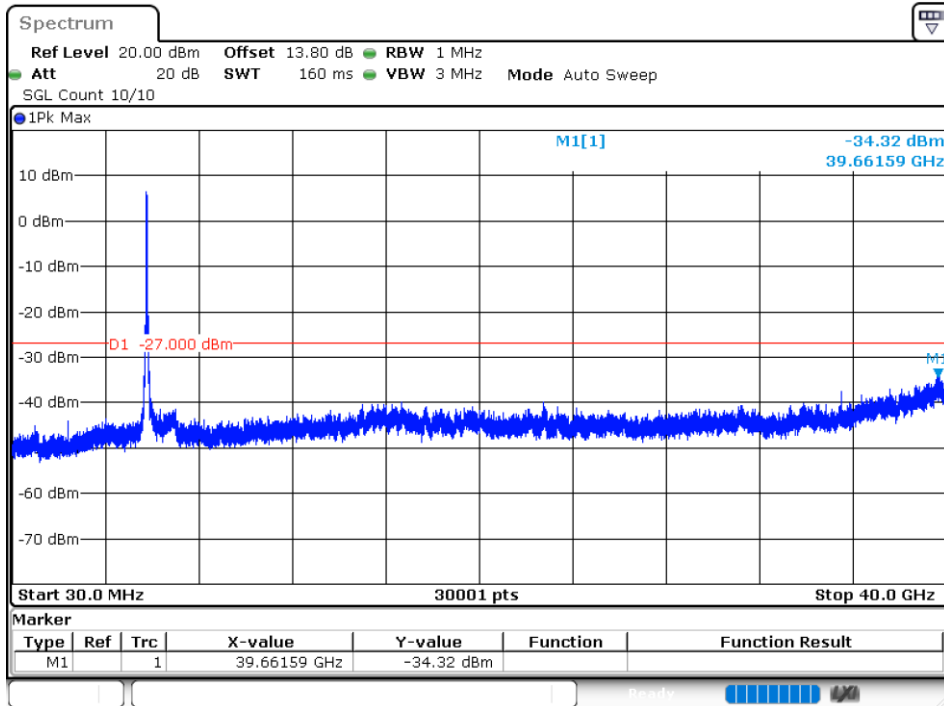
Tx. Spurious NVNT ax40 5755MHz Ant 2 Emission



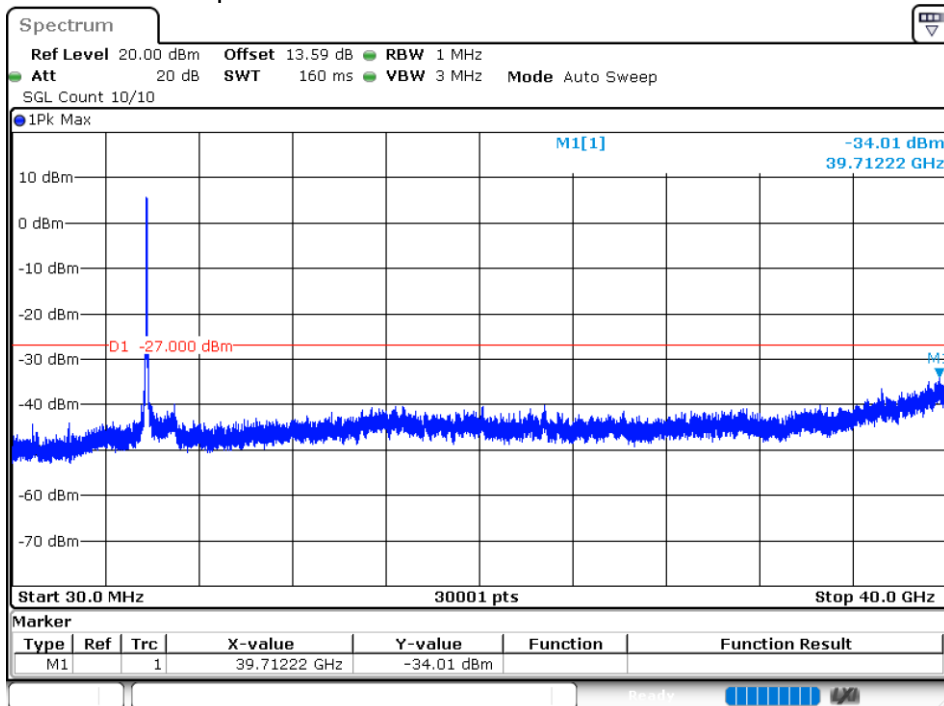
Tx. Spurious NVNT ax40 5795MHz Ant 2 Emission



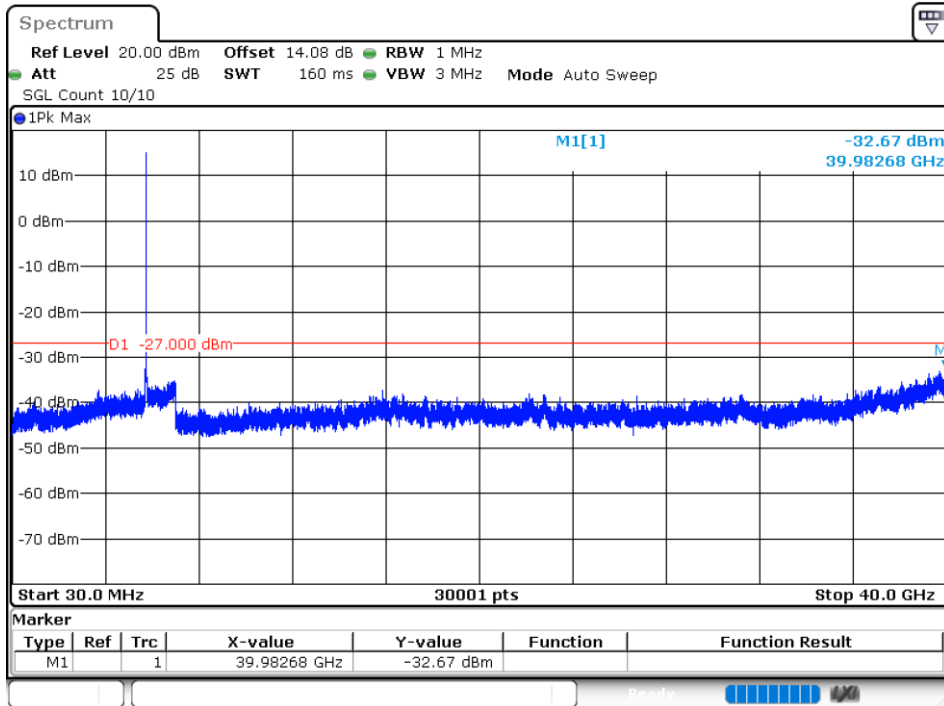
Tx. Spurious NVNT ax80 5775MHz Ant 1 Emission



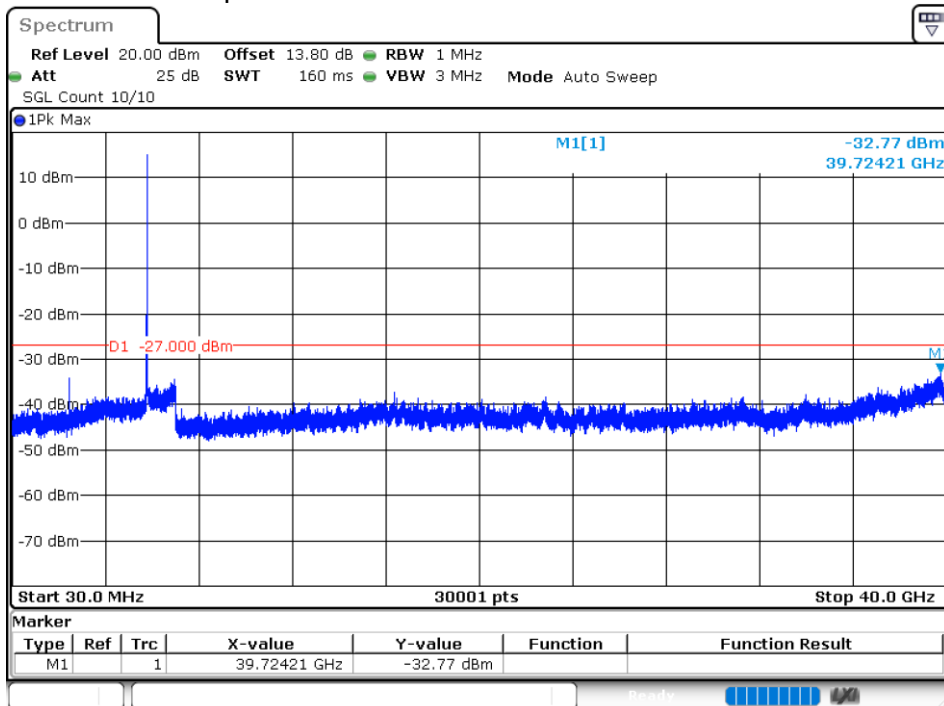
Tx. Spurious NVNT ax80 5775MHz Ant 2 Emission



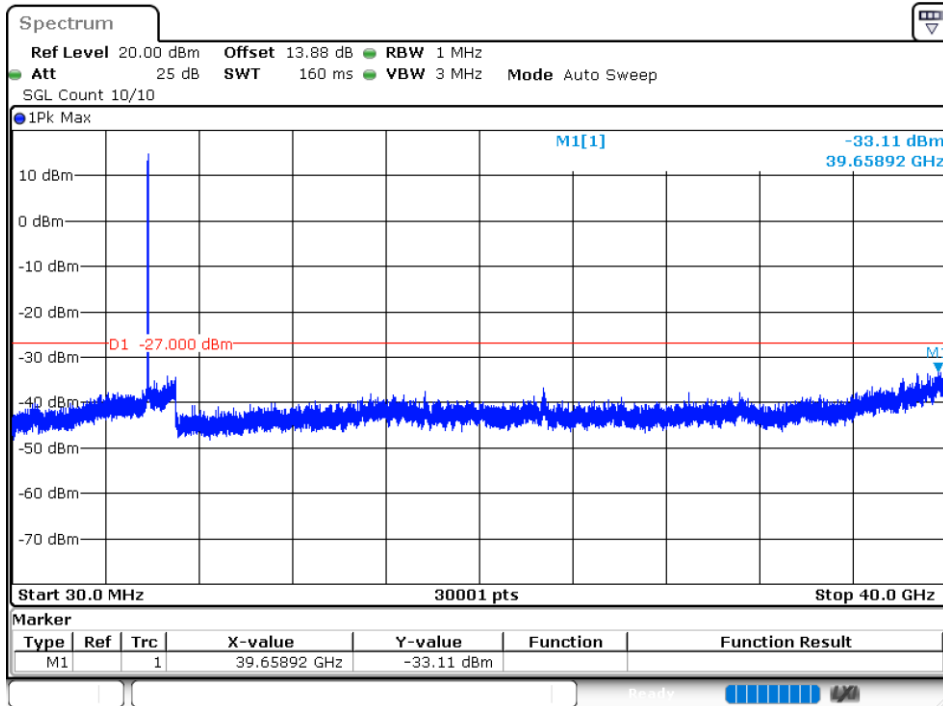
Tx. Spurious NVNT n20 5745MHz Ant 1 Emission



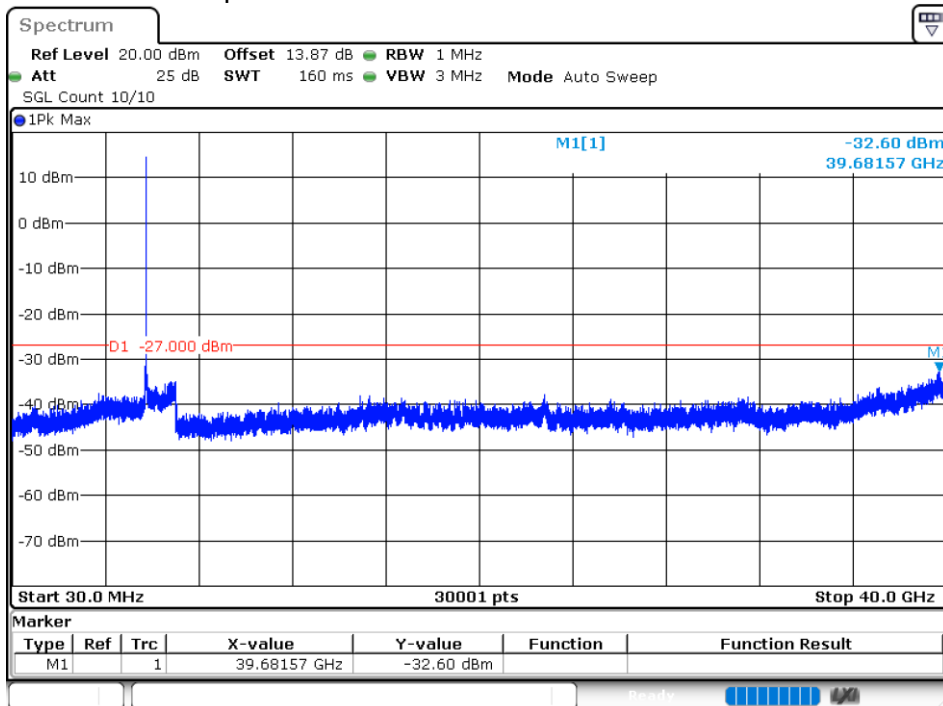
Tx. Spurious NVNT n20 5785MHz Ant 1 Emission



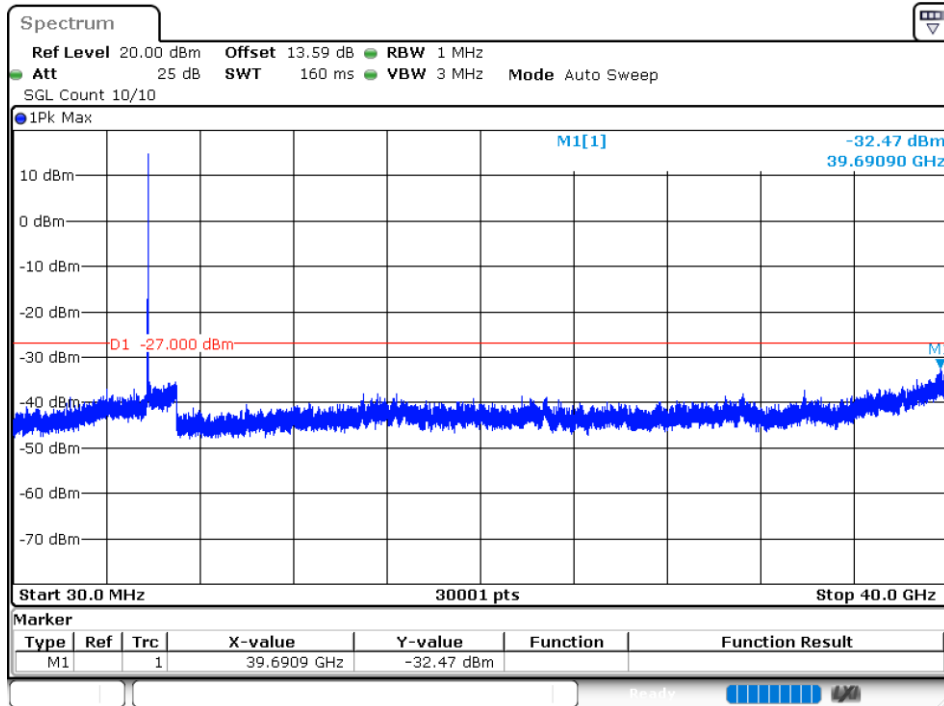
Tx. Spurious NVNT n20 5825MHz Ant 1 Emission



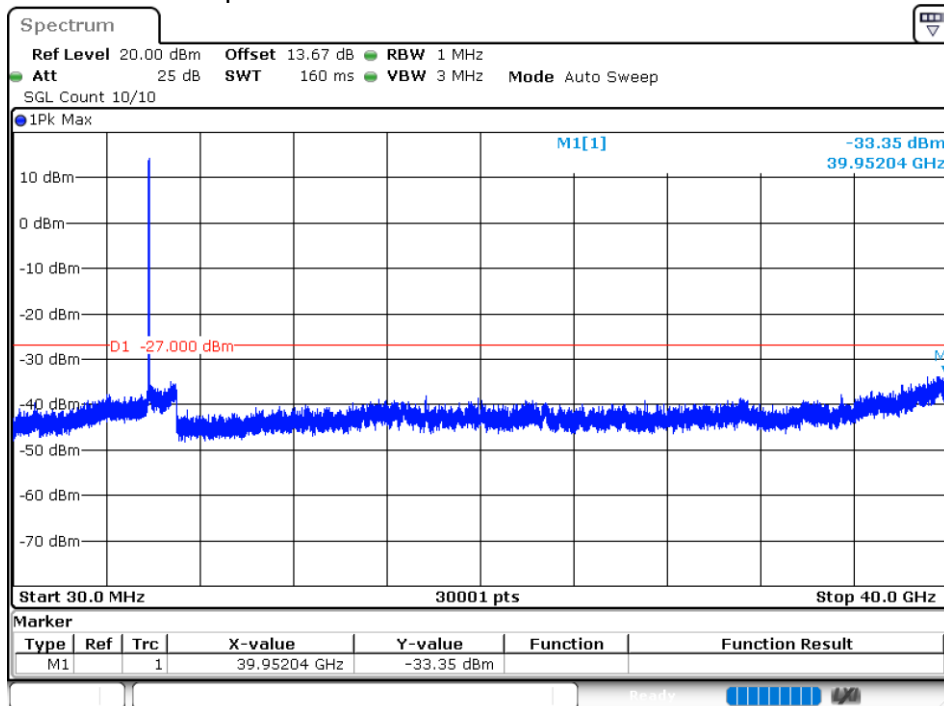
Tx. Spurious NVNT n20 5745MHz Ant 2 Emission



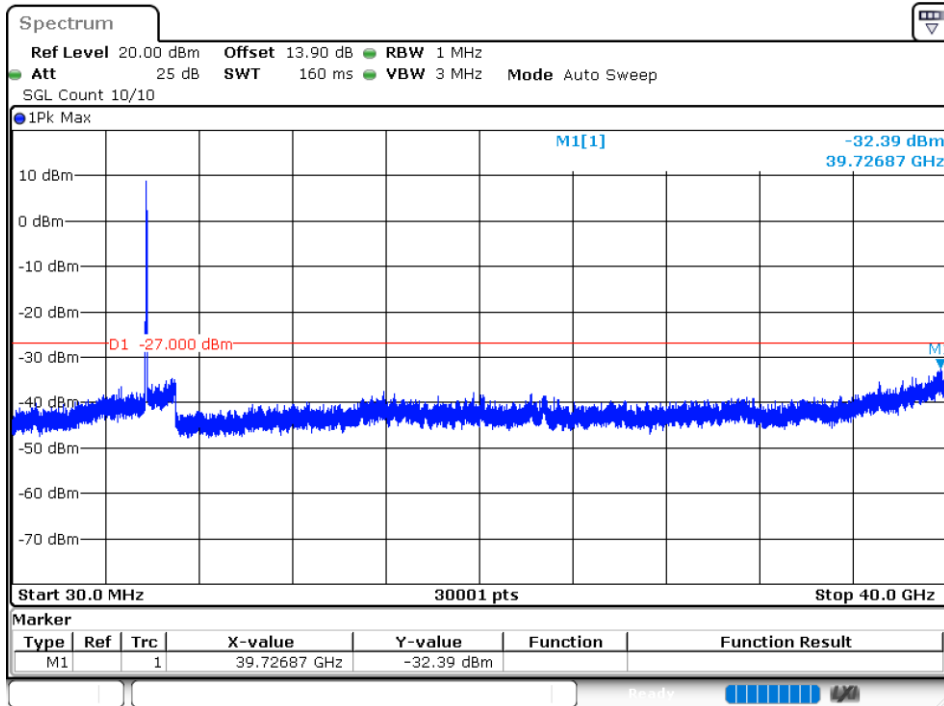
Tx. Spurious NVNT n20 5785MHz Ant 2 Emission



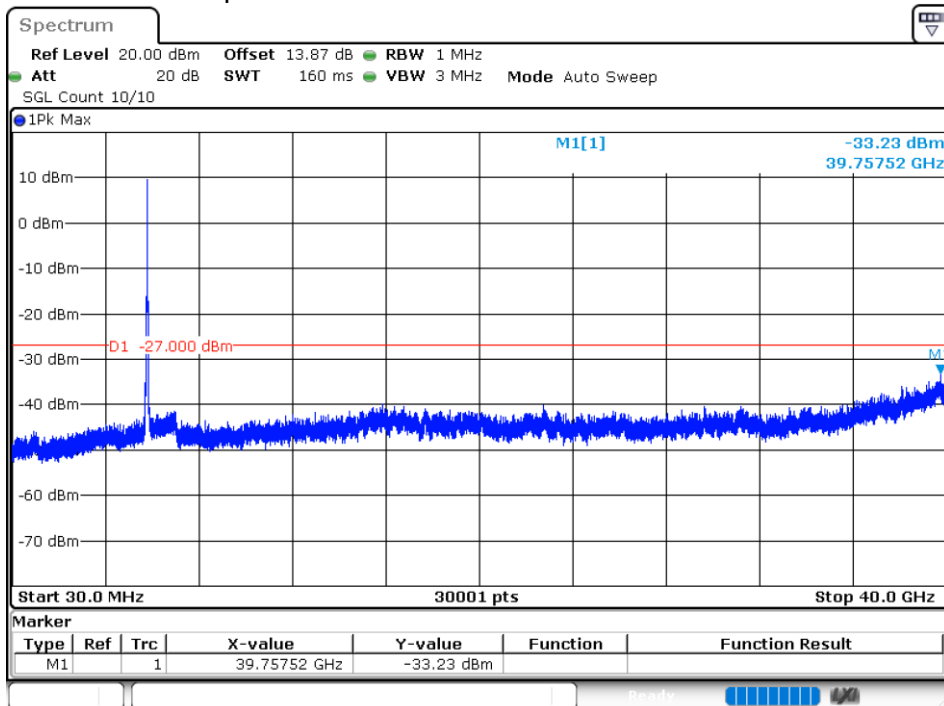
Tx. Spurious NVNT n20 5825MHz Ant 2 Emission



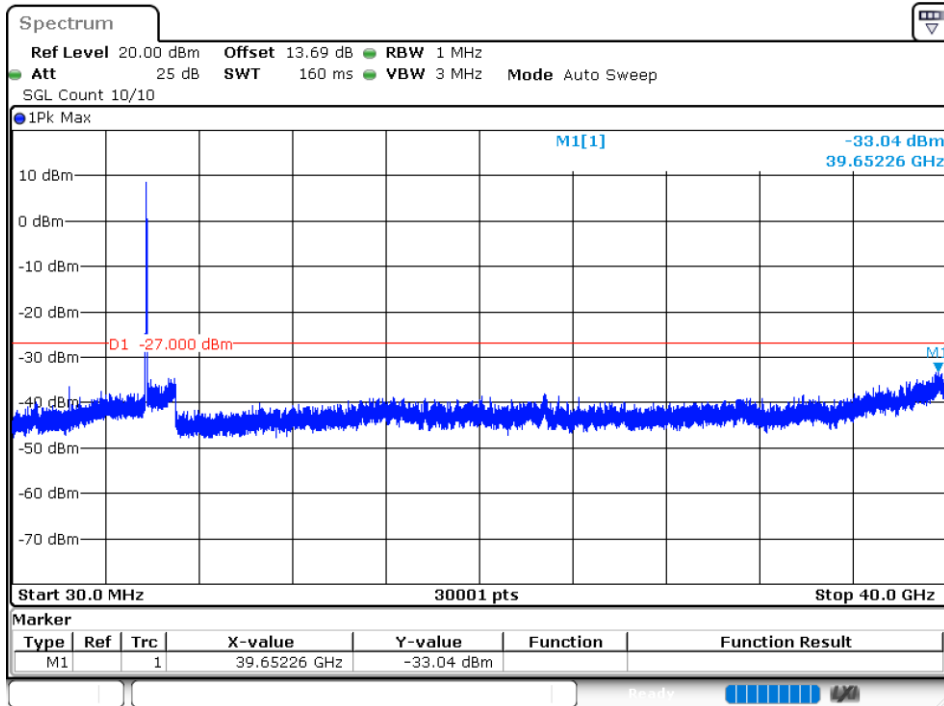
Tx. Spurious NVNT n40 5755MHz Ant 1 Emission



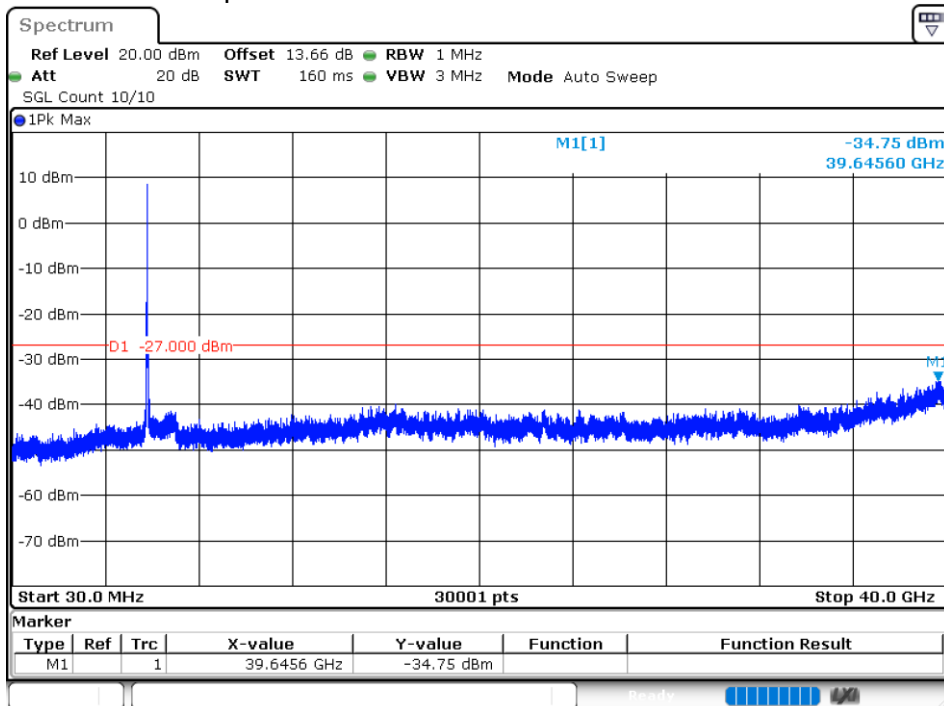
Tx. Spurious NVNT n40 5795MHz Ant 1 Emission



Tx. Spurious NVNT n40 5755MHz Ant 2 Emission



Tx. Spurious NVNT n40 5795MHz Ant 2 Emission



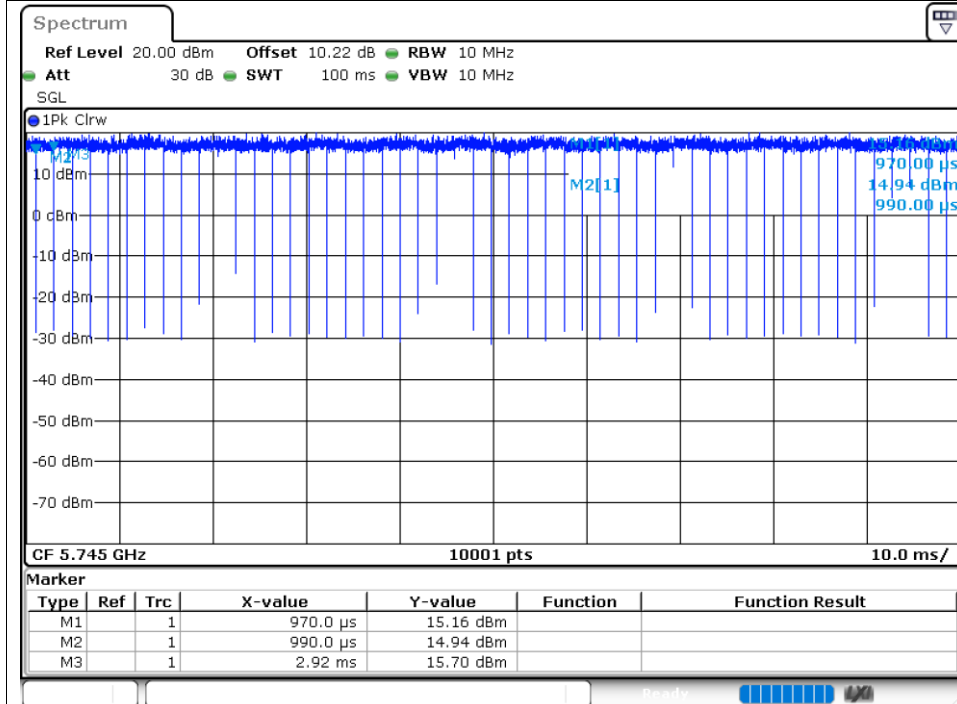
5.4 5.8G WIFI MIMO

5.4.1 DUTY CYCLE

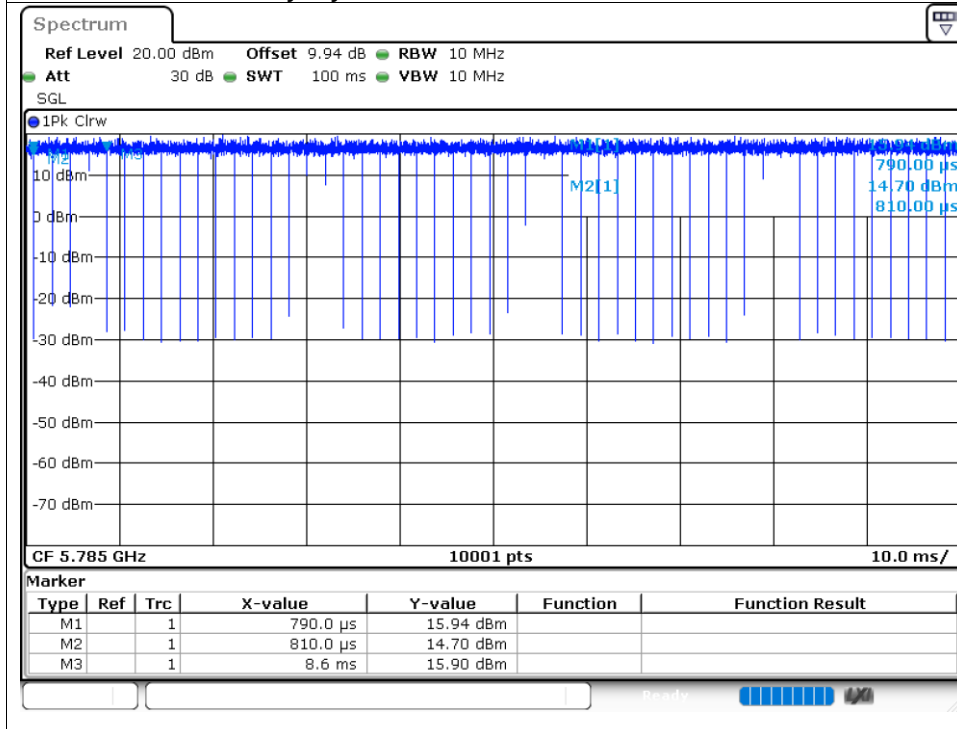
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5745	Sum	99.61	0.02	0.52
NVNT	ac20	5785	Sum	99.61	0.02	0.13
NVNT	ac20	5825	Sum	99.59	0.02	0.52
NVNT	ac40	5755	Sum	99.5	0.02	0.32
NVNT	ac40	5795	Sum	99.48	0.02	0.65
NVNT	ac80	5775	Sum	99.62	0.02	0.45
NVNT	ax20	5745	Sum	98.8	0.05	0.67
NVNT	ax20	5785	Sum	98.81	0.05	0.67
NVNT	ax20	5825	Sum	98.8	0.05	0.67
NVNT	ax40	5755	Sum	97.8	0.1	1.3
NVNT	ax40	5795	Sum	97.8	0.1	1.28
NVNT	ax80	5775	Sum	95.58	0.2	2.5
NVNT	n20	5745	Sum	94.41	0.25	0.77
NVNT	n20	5785	Sum	94.47	0.25	0.77
NVNT	n20	5825	Sum	93.77	0.28	0.77
NVNT	n40	5755	Sum	88.06	0.55	1.54
NVNT	n40	5795	Sum	88.13	0.55	1.54

Test Graphs

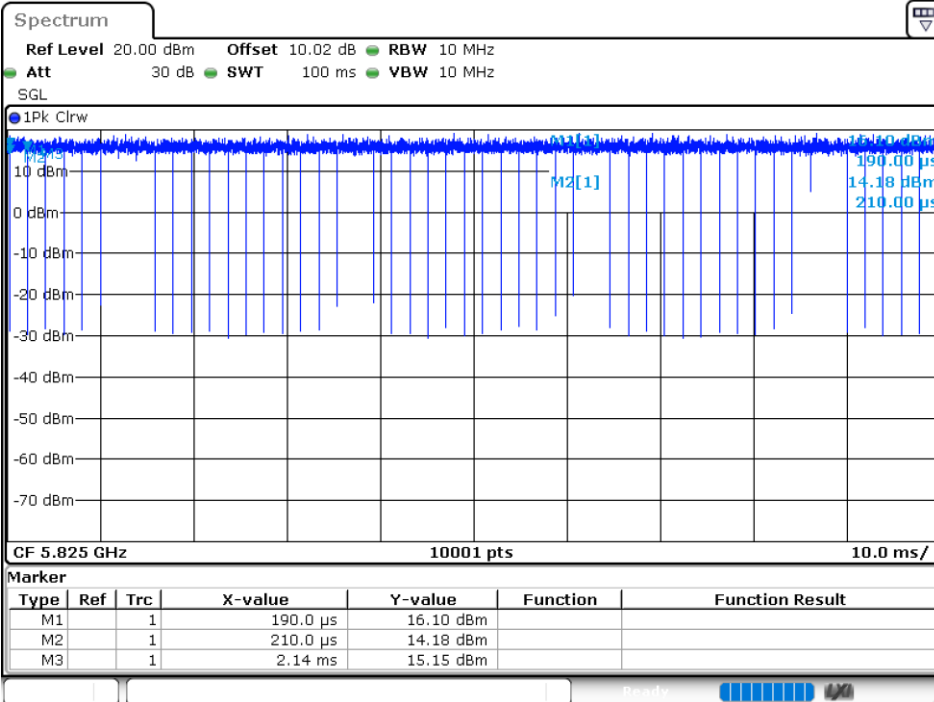
Duty Cycle NVNT ac20 5745MHz Sum



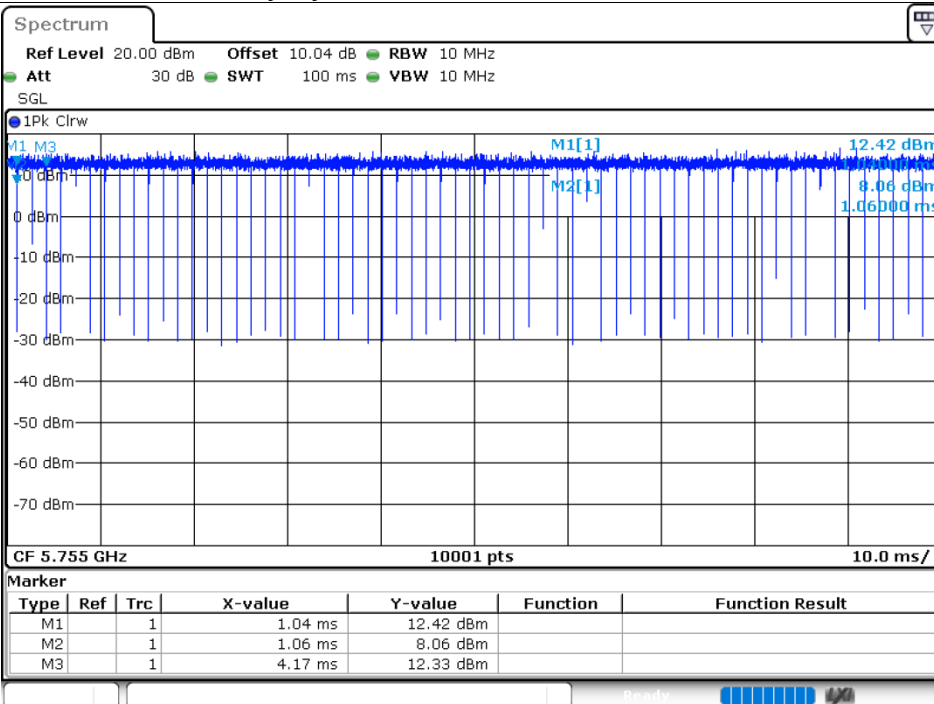
Duty Cycle NVNT ac20 5785MHz Sum

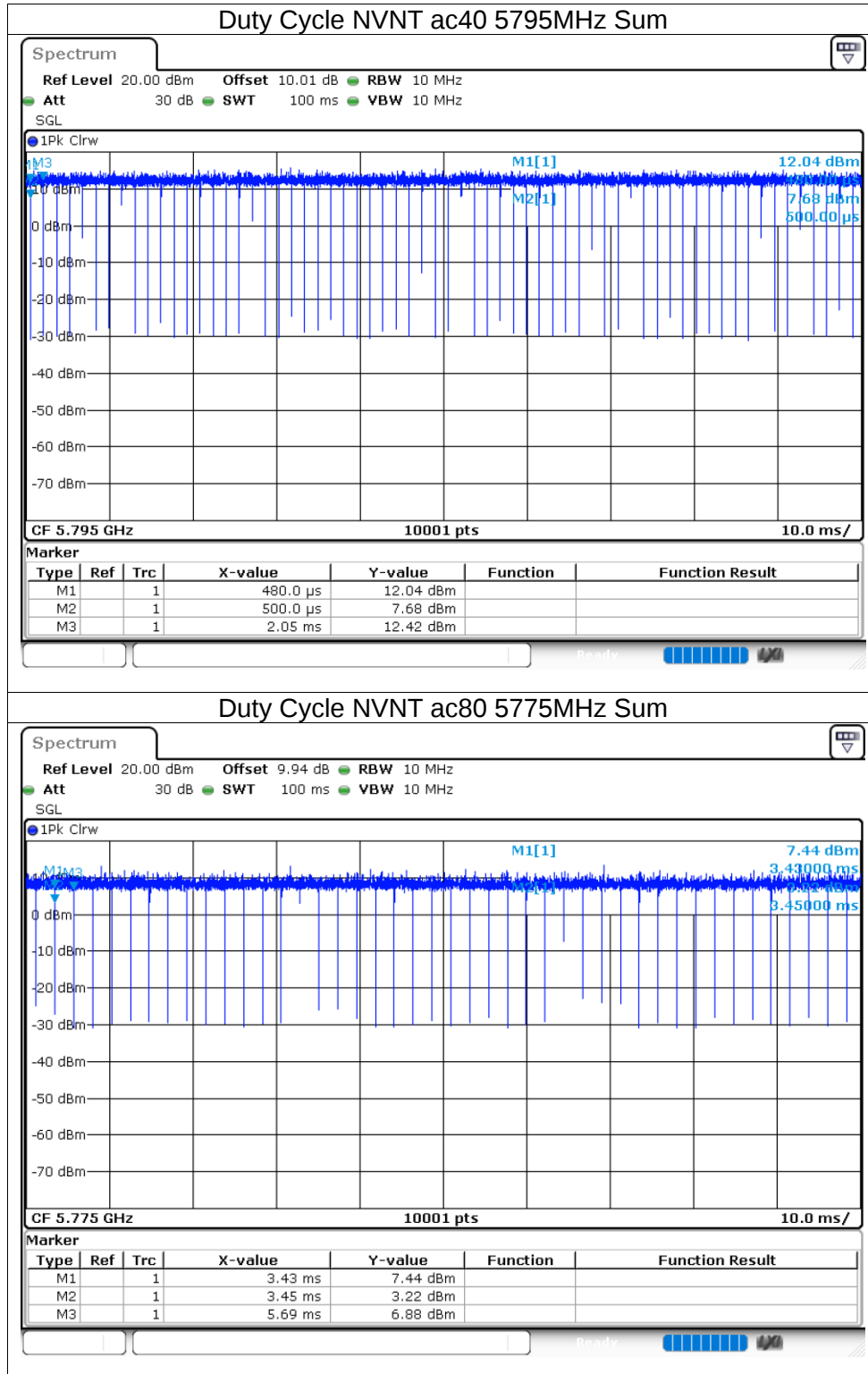


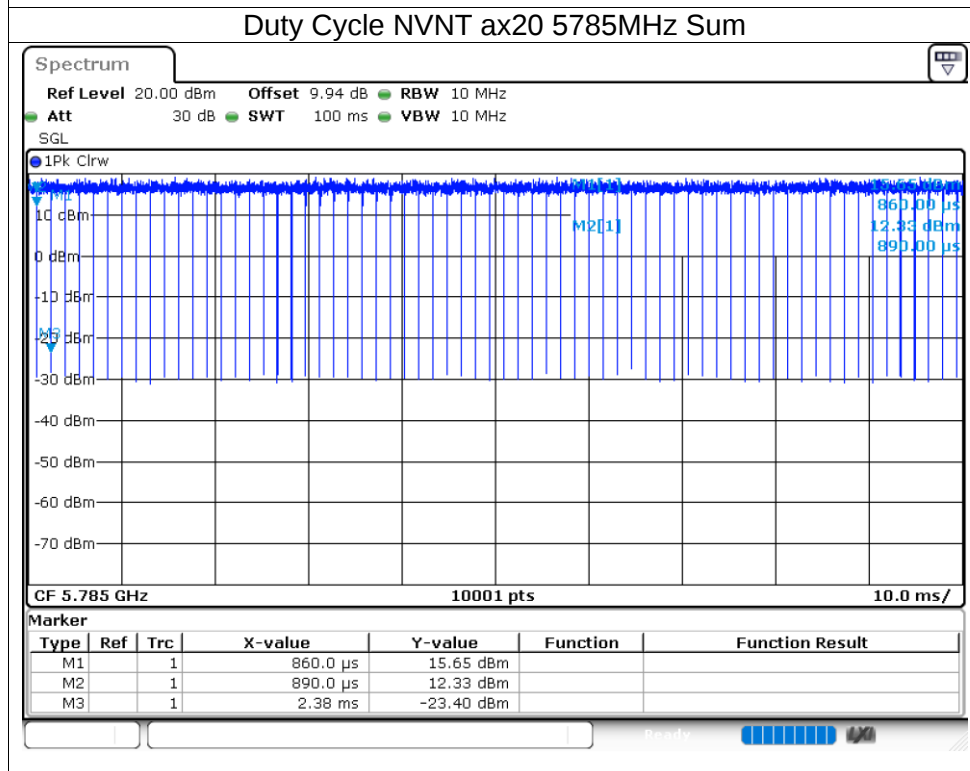
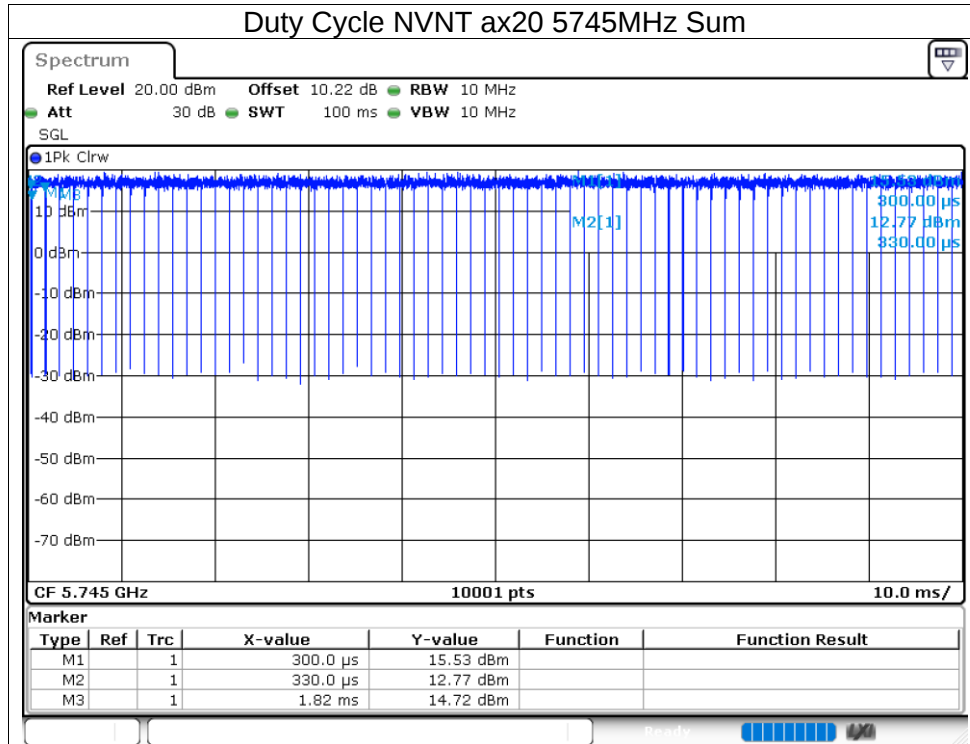
Duty Cycle NVNT ac20 5825MHz Sum

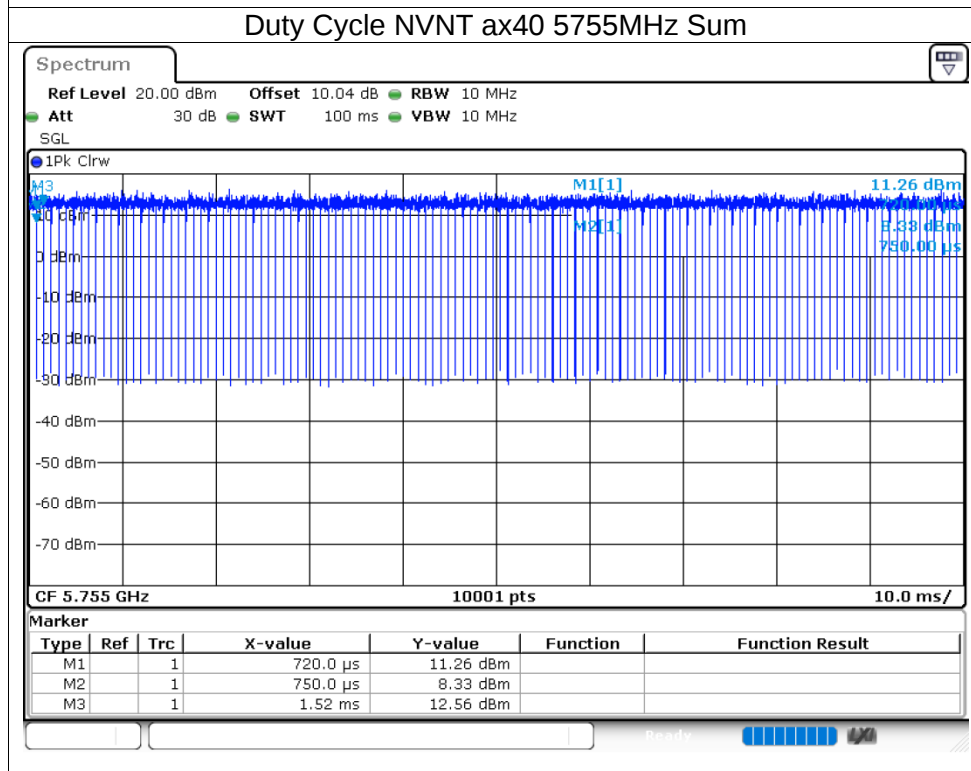
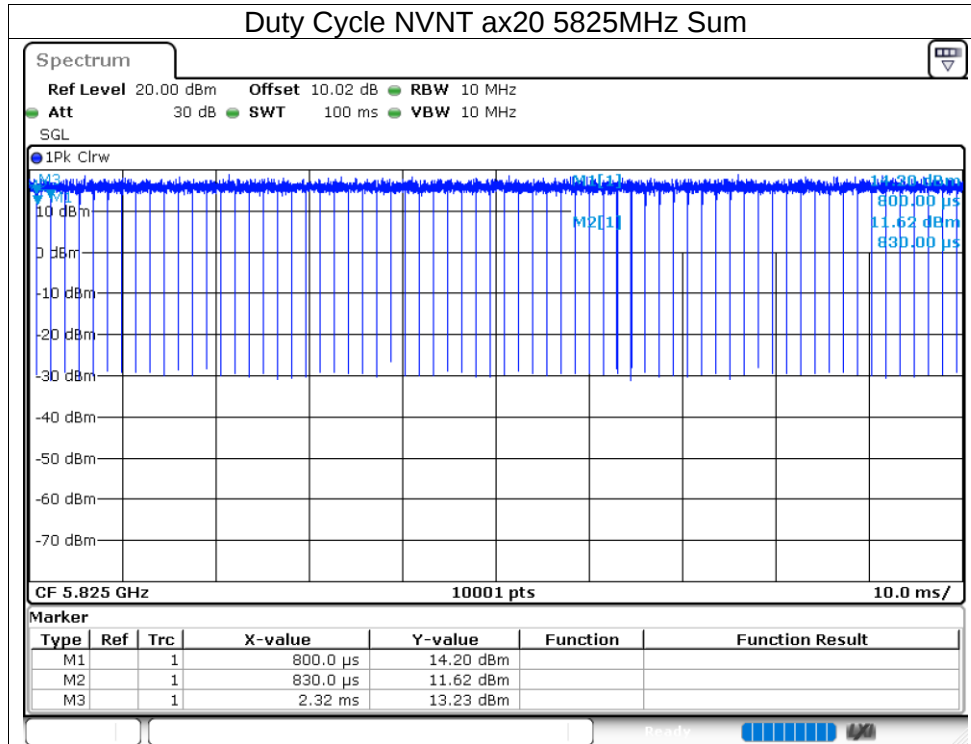


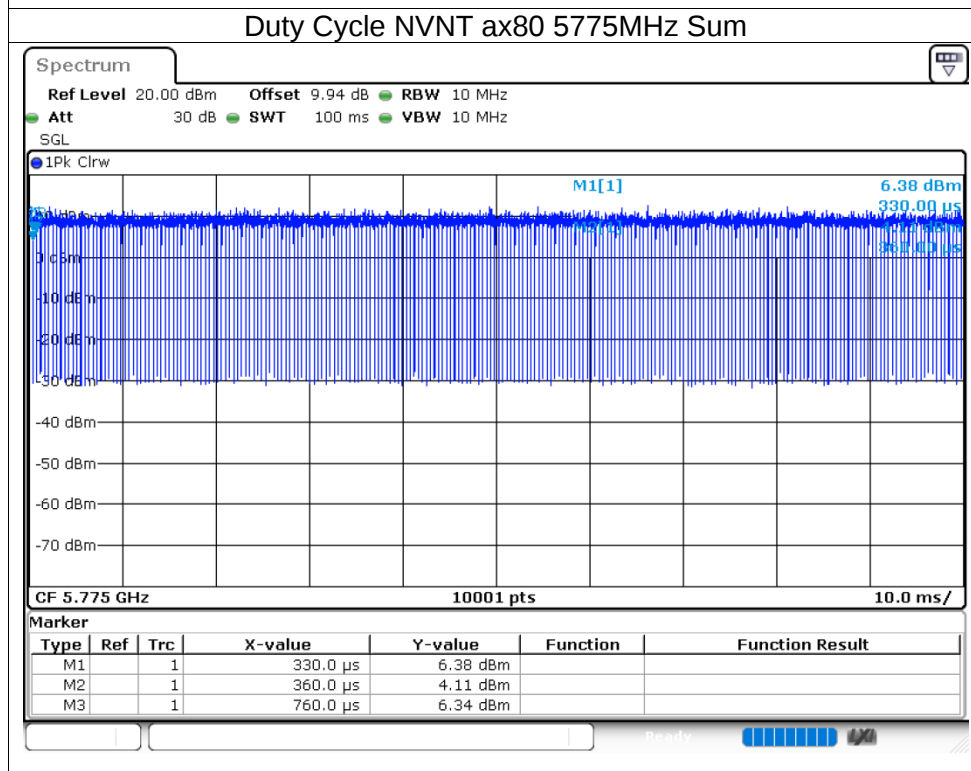
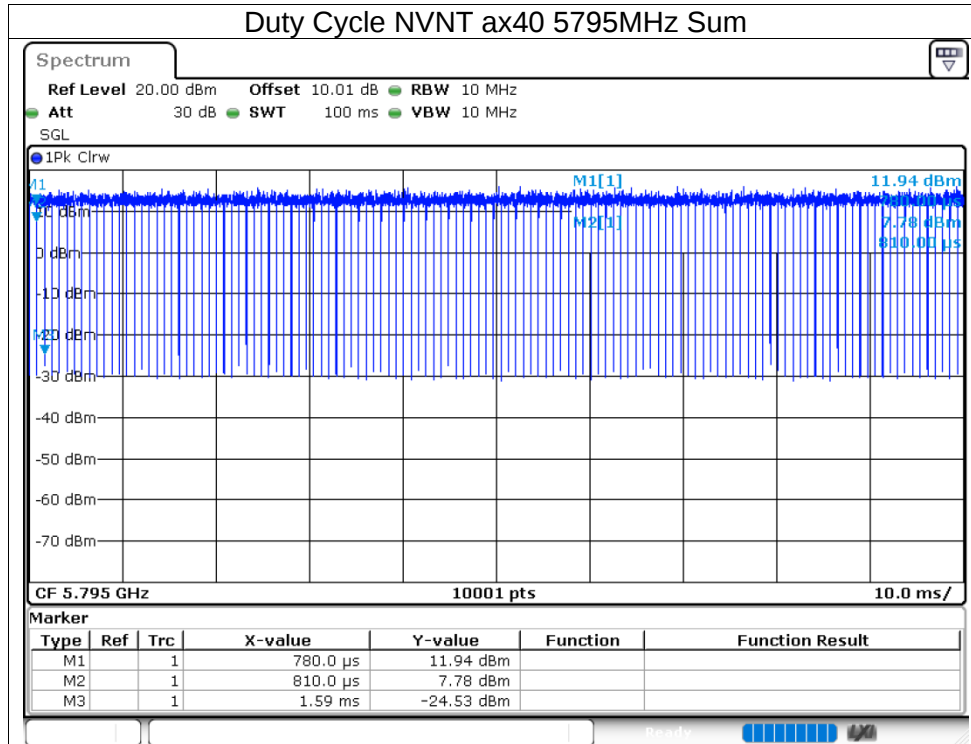
Duty Cycle NVNT ac40 5755MHz Sum

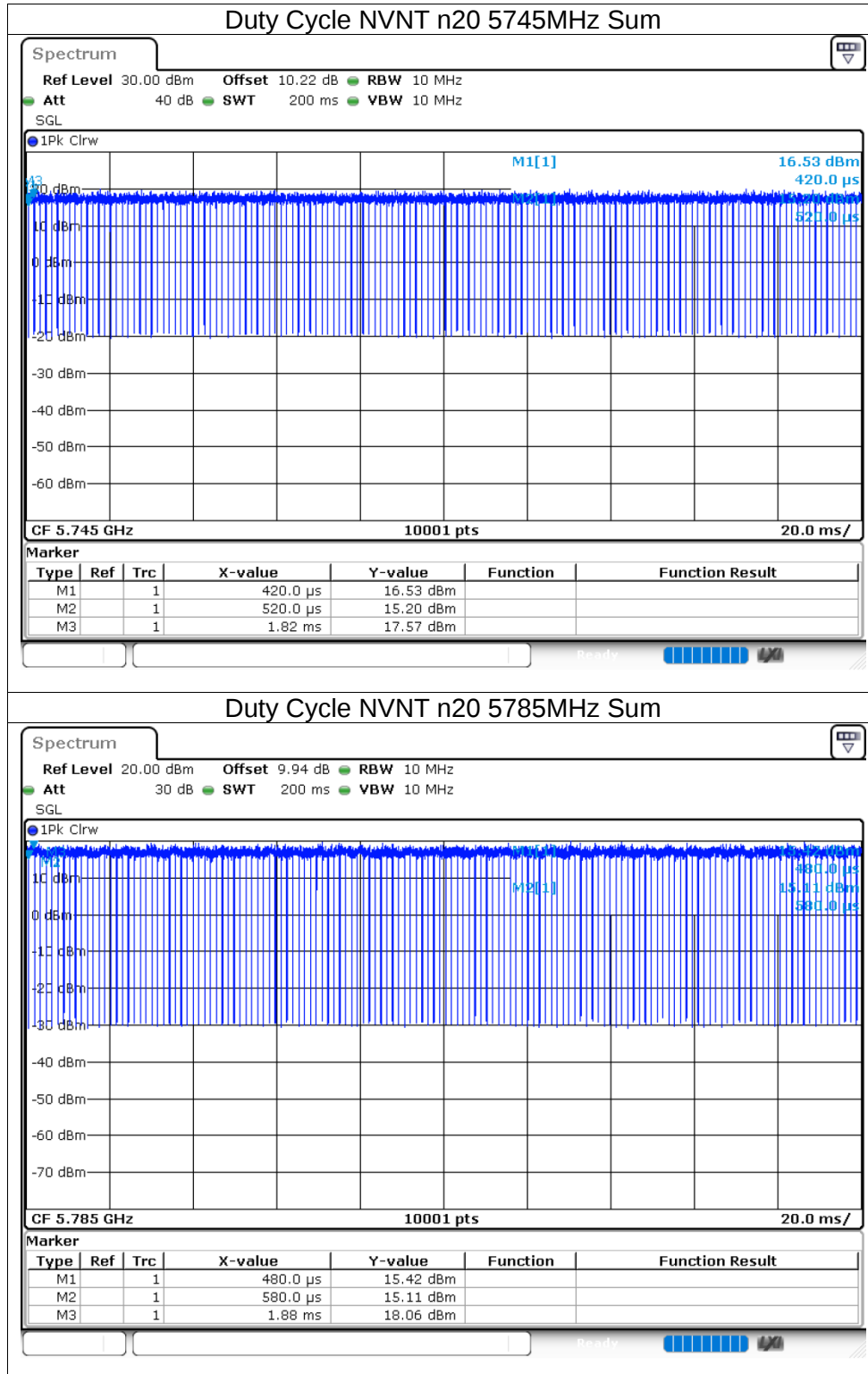


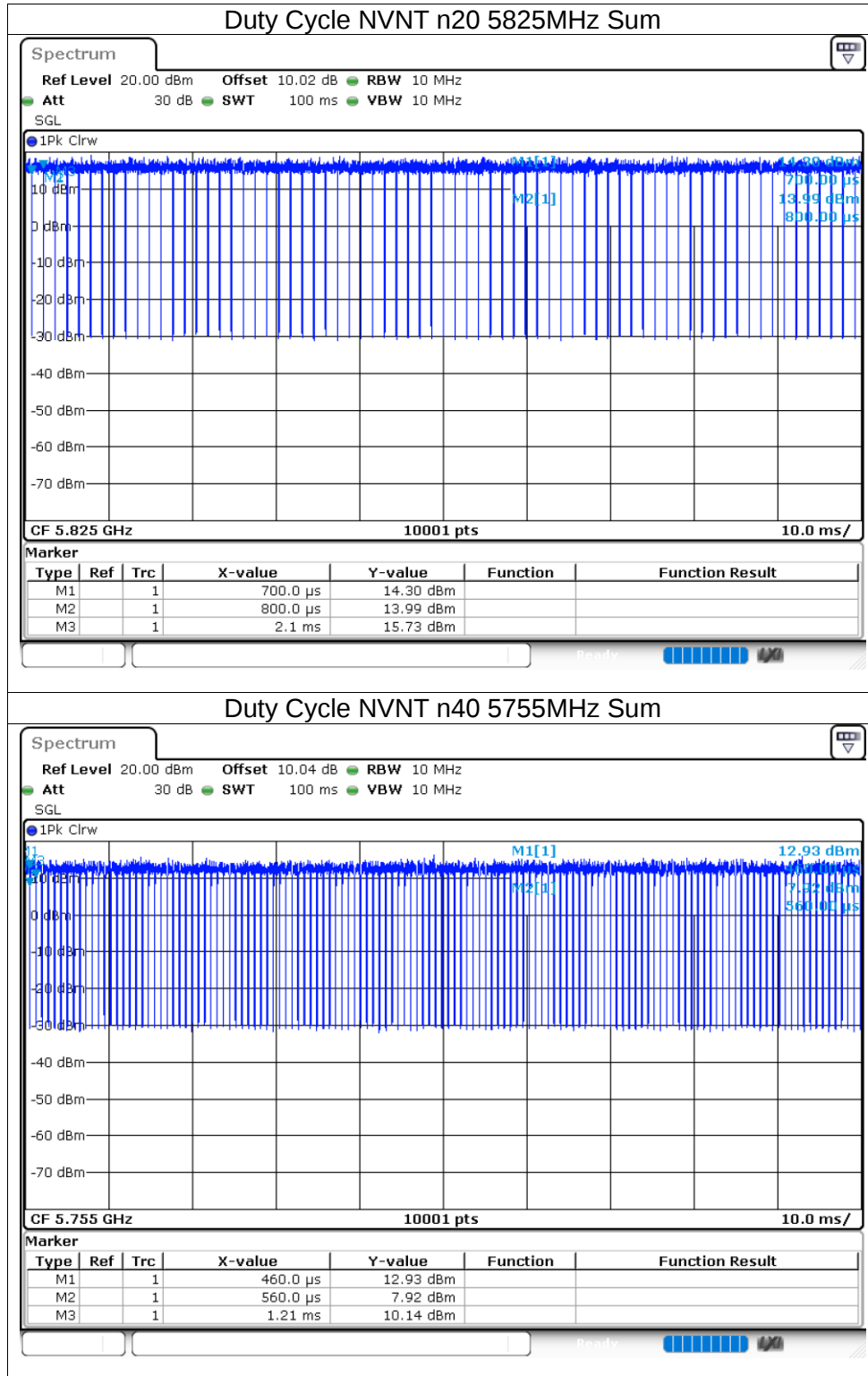


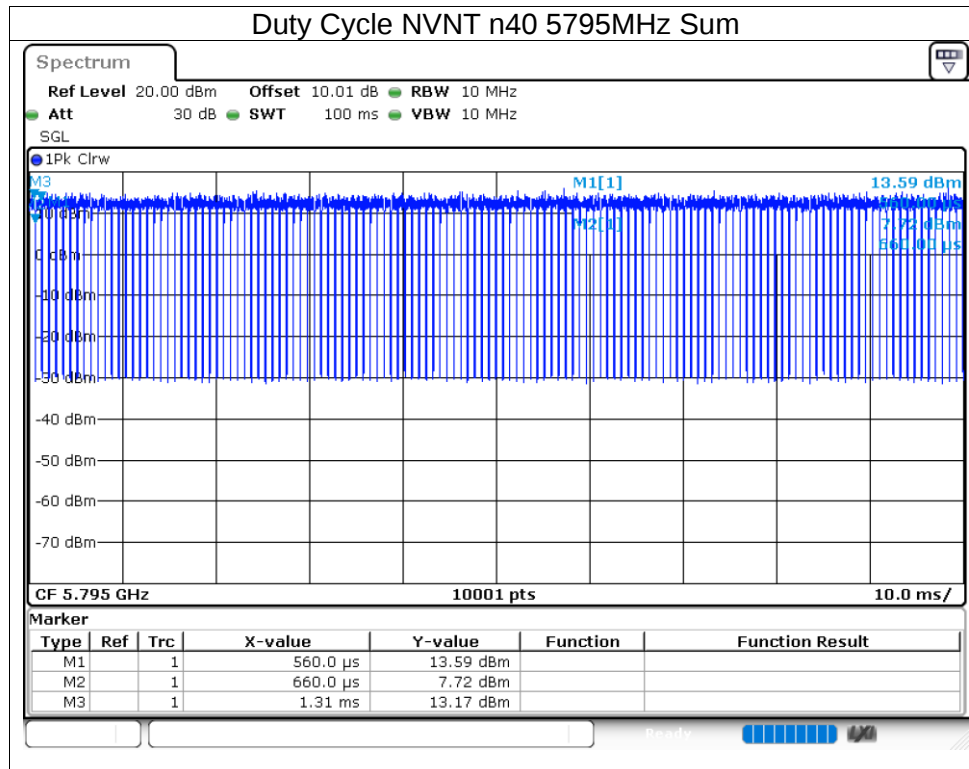










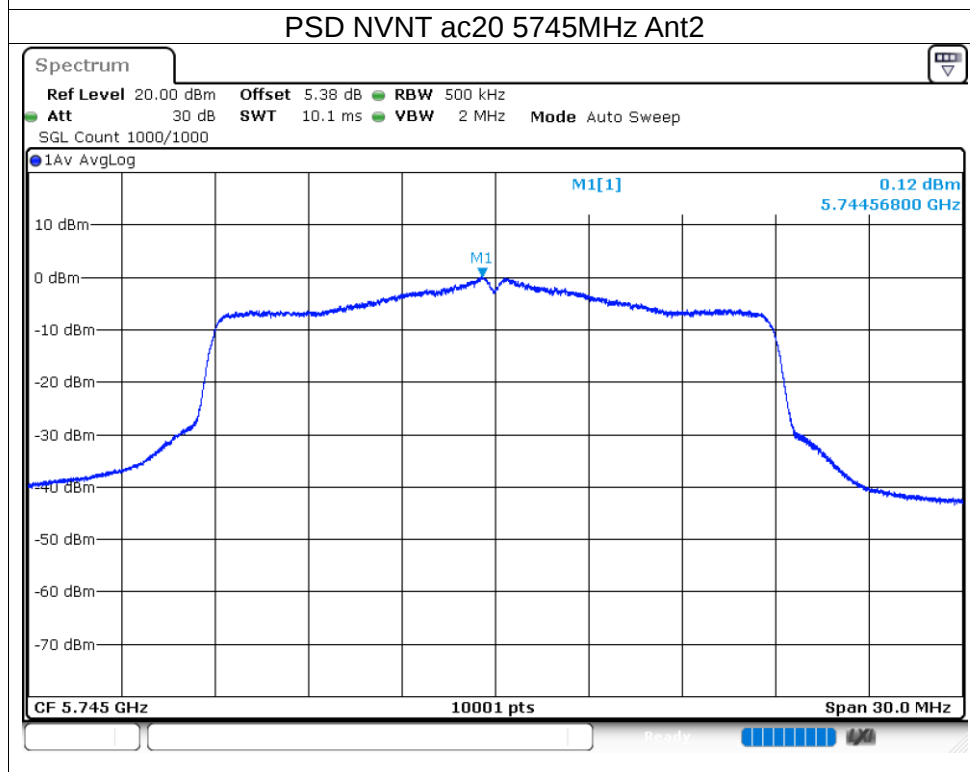
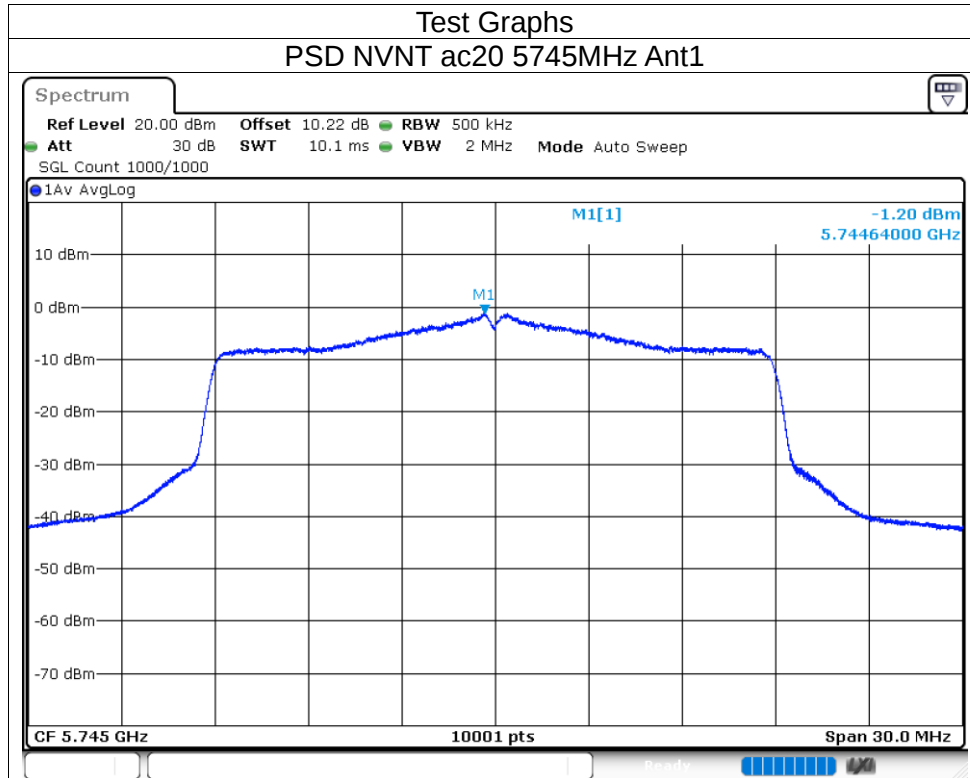


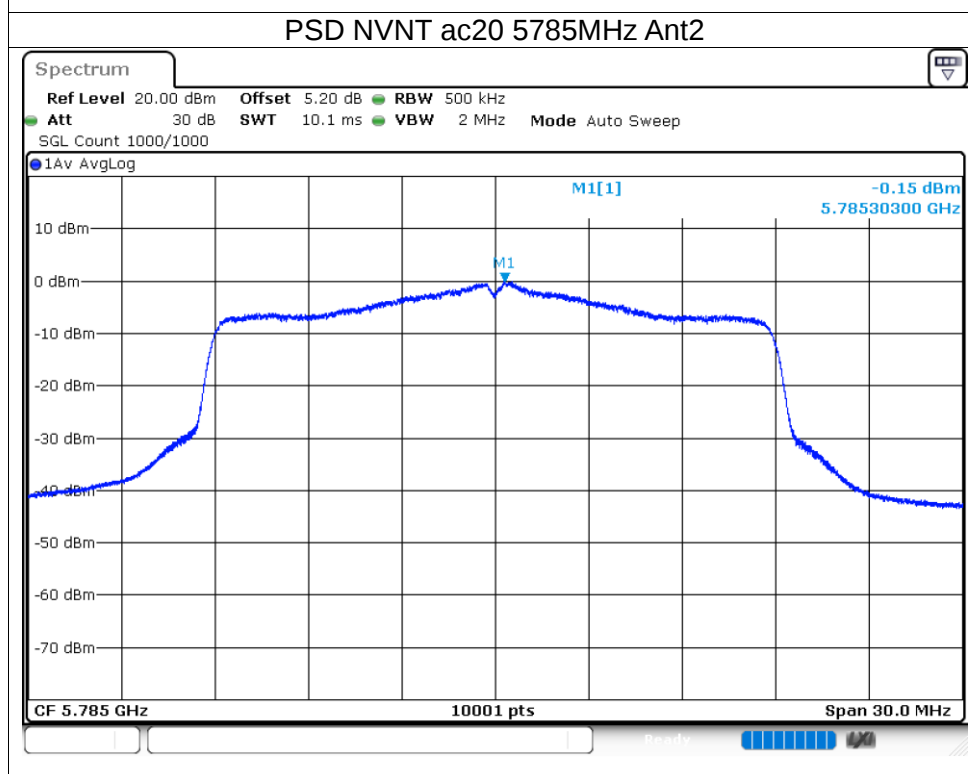
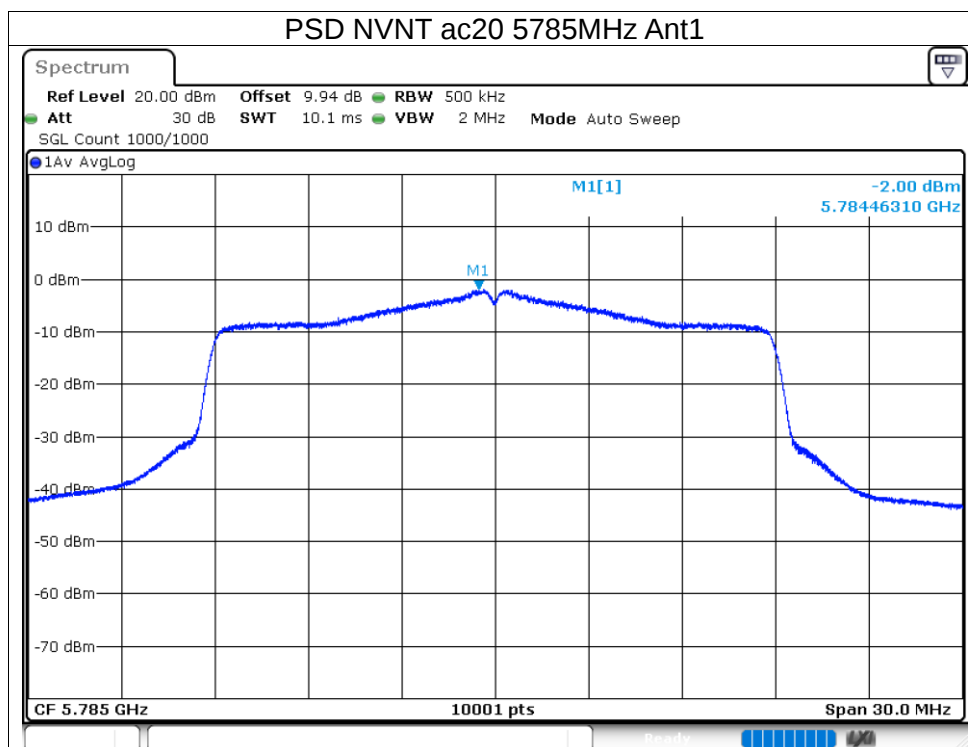
5.4.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	10.1	0.02	10.12	30	Pass
NVNT	ac20	5745	Ant2	11.91	0.02	11.93	30	Pass
NVNT	ac20	5745	Sum	14.11	0.02	14.13	29.23	Pass
NVNT	ac20	5785	Ant1	9.96	0.02	9.98	30	Pass
NVNT	ac20	5785	Ant2	12.67	0.02	12.69	30	Pass
NVNT	ac20	5785	Sum	14.53	0.02	14.55	29.23	Pass
NVNT	ac20	5825	Ant1	9.85	0.02	9.87	30	Pass
NVNT	ac20	5825	Ant2	12.57	0.02	12.59	30	Pass
NVNT	ac20	5825	Sum	14.43	0.02	14.45	29.23	Pass
NVNT	ac40	5755	Ant1	10.25	0.02	10.27	30	Pass
NVNT	ac40	5755	Ant2	12.55	0.02	12.57	30	Pass
NVNT	ac40	5755	Sum	14.56	0.02	14.58	29.23	Pass
NVNT	ac40	5795	Ant1	9.42	0.02	9.44	30	Pass
NVNT	ac40	5795	Ant2	12.61	0.02	12.63	30	Pass
NVNT	ac40	5795	Sum	14.31	0.02	14.33	29.23	Pass
NVNT	ac80	5775	Ant1	9.03	0.02	9.05	30	Pass
NVNT	ac80	5775	Ant2	11.78	0.02	11.8	30	Pass
NVNT	ac80	5775	Sum	13.63	0.02	13.65	29.23	Pass
NVNT	ax20	5745	Ant1	10.21	0.05	10.26	30	Pass
NVNT	ax20	5745	Ant2	12.26	0.05	12.31	30	Pass
NVNT	ax20	5745	Sum	14.37	0.05	14.42	29.23	Pass
NVNT	ax20	5785	Ant1	10.19	0.05	10.24	30	Pass
NVNT	ax20	5785	Ant2	12.88	0.05	12.93	30	Pass
NVNT	ax20	5785	Sum	14.75	0.05	14.8	29.23	Pass
NVNT	ax20	5825	Ant1	10.09	0.05	10.14	30	Pass
NVNT	ax20	5825	Ant2	12.75	0.05	12.8	30	Pass
NVNT	ax20	5825	Sum	14.63	0.05	14.68	29.23	Pass
NVNT	ax40	5755	Ant1	10.52	0.1	10.62	30	Pass
NVNT	ax40	5755	Ant2	12.7	0.1	12.8	30	Pass
NVNT	ax40	5755	Sum	14.76	0.1	14.86	29.23	Pass
NVNT	ax40	5795	Ant1	9.62	0.1	9.72	30	Pass
NVNT	ax40	5795	Ant2	12.85	0.1	12.95	30	Pass
NVNT	ax40	5795	Sum	14.54	0.1	14.64	29.23	Pass
NVNT	ax80	5775	Ant1	9.21	0.2	9.41	30	Pass
NVNT	ax80	5775	Ant2	11.95	0.2	12.15	30	Pass
NVNT	ax80	5775	Sum	13.8	0.2	14	29.23	Pass
NVNT	n20	5745	Ant1	10.24	0.25	10.49	30	Pass
NVNT	n20	5745	Ant2	11.93	0.25	12.18	30	Pass
NVNT	n20	5745	Sum	14.18	0.25	14.43	29.23	Pass
NVNT	n20	5785	Ant1	10.31	0.25	10.56	30	Pass
NVNT	n20	5785	Ant2	12.59	0.25	12.84	30	Pass
NVNT	n20	5785	Sum	14.61	0.25	14.86	29.23	Pass
NVNT	n20	5825	Ant1	9.94	0.28	10.22	30	Pass
NVNT	n20	5825	Ant2	12.56	0.28	12.84	30	Pass
NVNT	n20	5825	Sum	14.45	0.28	14.73	29.23	Pass
NVNT	n40	5755	Ant1	10.19	0.55	10.74	30	Pass
NVNT	n40	5755	Ant2	12.5	0.55	13.05	30	Pass
NVNT	n40	5755	Sum	14.51	0.55	15.06	29.23	Pass
NVNT	n40	5795	Ant1	9.46	0.55	10.01	30	Pass
NVNT	n40	5795	Ant2	12.43	0.55	12.98	30	Pass
NVNT	n40	5795	Sum	14.2	0.55	14.75	29.23	Pass

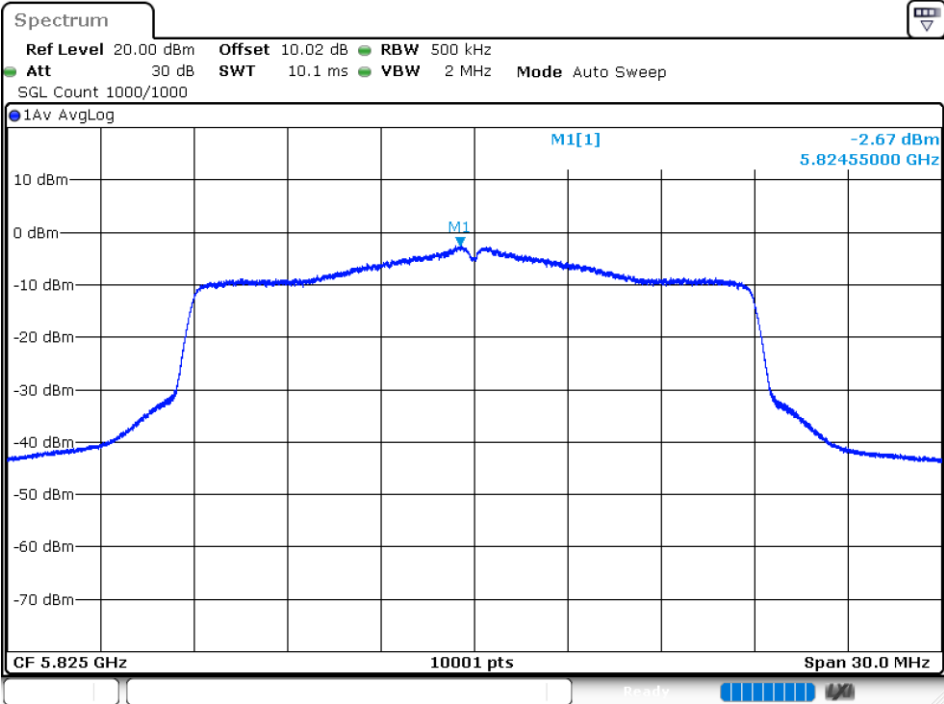
5.4.3 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	-1.2	0.02	-1.18	30	Pass
NVNT	ac20	5745	Ant2	0.12	0.02	0.14	30	Pass
NVNT	ac20	5745	Sum	2.52	0.02	2.54	29.23	Pass
NVNT	ac20	5785	Ant1	-2	0.02	-1.98	30	Pass
NVNT	ac20	5785	Ant2	-0.15	0.02	-0.13	30	Pass
NVNT	ac20	5785	Sum	2.03	0.02	2.05	29.23	Pass
NVNT	ac20	5825	Ant1	-2.67	0.02	-2.65	30	Pass
NVNT	ac20	5825	Ant2	0.02	0.02	0.04	30	Pass
NVNT	ac20	5825	Sum	1.89	0.02	1.91	29.23	Pass
NVNT	ac40	5755	Ant1	-8.67	0.02	-8.65	30	Pass
NVNT	ac40	5755	Ant2	-6.17	0.02	-6.15	30	Pass
NVNT	ac40	5755	Sum	-4.23	0.02	-4.21	29.23	Pass
NVNT	ac40	5795	Ant1	-8.69	0.02	-8.67	30	Pass
NVNT	ac40	5795	Ant2	-6.62	0.02	-6.6	30	Pass
NVNT	ac40	5795	Sum	-4.52	0.02	-4.5	29.23	Pass
NVNT	ac80	5775	Ant1	-12.58	0.02	-12.56	30	Pass
NVNT	ac80	5775	Ant2	-13.02	0.02	-13	30	Pass
NVNT	ac80	5775	Sum	-9.78	0.02	-9.76	29.23	Pass
NVNT	ax20	5745	Ant1	-6.45	0.05	-6.4	30	Pass
NVNT	ax20	5745	Ant2	-4.31	0.05	-4.26	30	Pass
NVNT	ax20	5745	Sum	-2.24	0.05	-2.19	29.23	Pass
NVNT	ax20	5785	Ant1	-4.3	0.05	-4.25	30	Pass
NVNT	ax20	5785	Ant2	-2.59	0.05	-2.54	30	Pass
NVNT	ax20	5785	Sum	-0.35	0.05	-0.3	29.23	Pass
NVNT	ax20	5825	Ant1	-6.77	0.05	-6.72	30	Pass
NVNT	ax20	5825	Ant2	-2.62	0.05	-2.57	30	Pass
NVNT	ax20	5825	Sum	-1.21	0.05	-1.16	29.23	Pass
NVNT	ax40	5755	Ant1	-9.26	0.1	-9.16	30	Pass
NVNT	ax40	5755	Ant2	-8.76	0.1	-8.66	30	Pass
NVNT	ax40	5755	Sum	-5.99	0.1	-5.89	29.23	Pass
NVNT	ax40	5795	Ant1	-9.33	0.1	-9.23	30	Pass
NVNT	ax40	5795	Ant2	-7.23	0.1	-7.13	30	Pass
NVNT	ax40	5795	Sum	-5.14	0.1	-5.04	29.23	Pass
NVNT	ax80	5775	Ant1	-14.26	0.2	-14.06	30	Pass
NVNT	ax80	5775	Ant2	-12.09	0.2	-11.89	30	Pass
NVNT	ax80	5775	Sum	-10.03	0.2	-9.83	29.23	Pass
NVNT	n20	5745	Ant1	-4.92	0.25	-4.67	30	Pass
NVNT	n20	5745	Ant2	-4.2	0.25	-3.95	30	Pass
NVNT	n20	5745	Sum	-1.53	0.25	-1.28	29.23	Pass
NVNT	n20	5785	Ant1	-4.72	0.25	-4.47	30	Pass
NVNT	n20	5785	Ant2	-3.38	0.25	-3.13	30	Pass
NVNT	n20	5785	Sum	-0.99	0.25	-0.74	29.23	Pass
NVNT	n20	5825	Ant1	-5.28	0.28	-5	30	Pass
NVNT	n20	5825	Ant2	-3.13	0.28	-2.85	30	Pass
NVNT	n20	5825	Sum	-1.06	0.28	-0.78	29.23	Pass
NVNT	n40	5755	Ant1	-13.22	0.55	-12.67	30	Pass
NVNT	n40	5755	Ant2	-11.18	0.55	-10.63	30	Pass
NVNT	n40	5755	Sum	-9.07	0.55	-8.52	29.23	Pass
NVNT	n40	5795	Ant1	-13.45	0.55	-12.9	30	Pass
NVNT	n40	5795	Ant2	-12.22	0.55	-11.67	30	Pass
NVNT	n40	5795	Sum	-9.78	0.55	-9.23	29.23	Pass

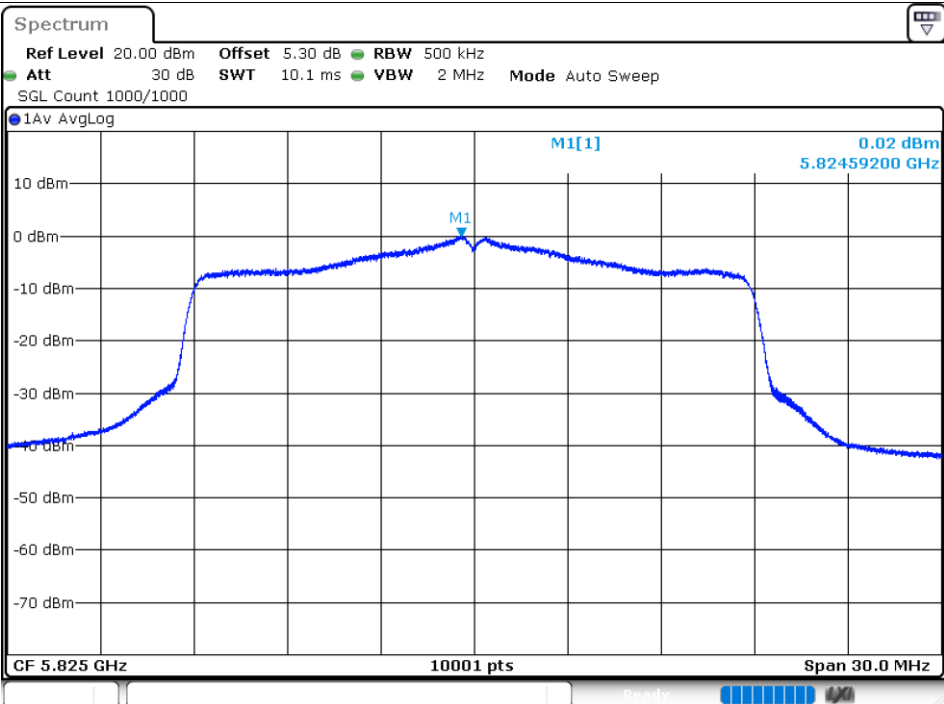




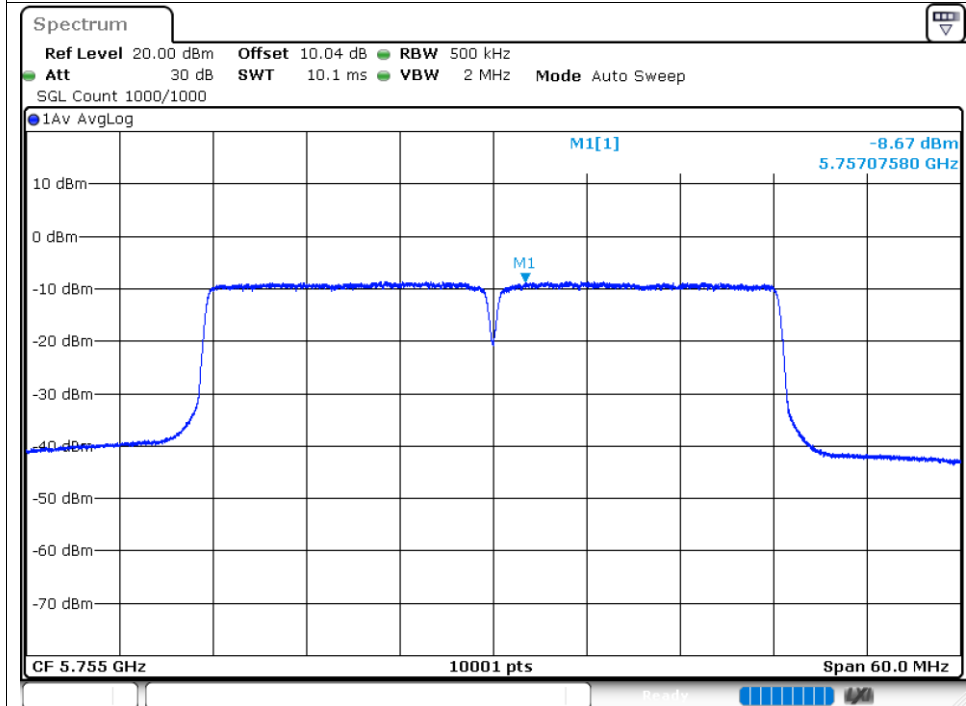
PSD NVNT ac20 5825MHz Ant1



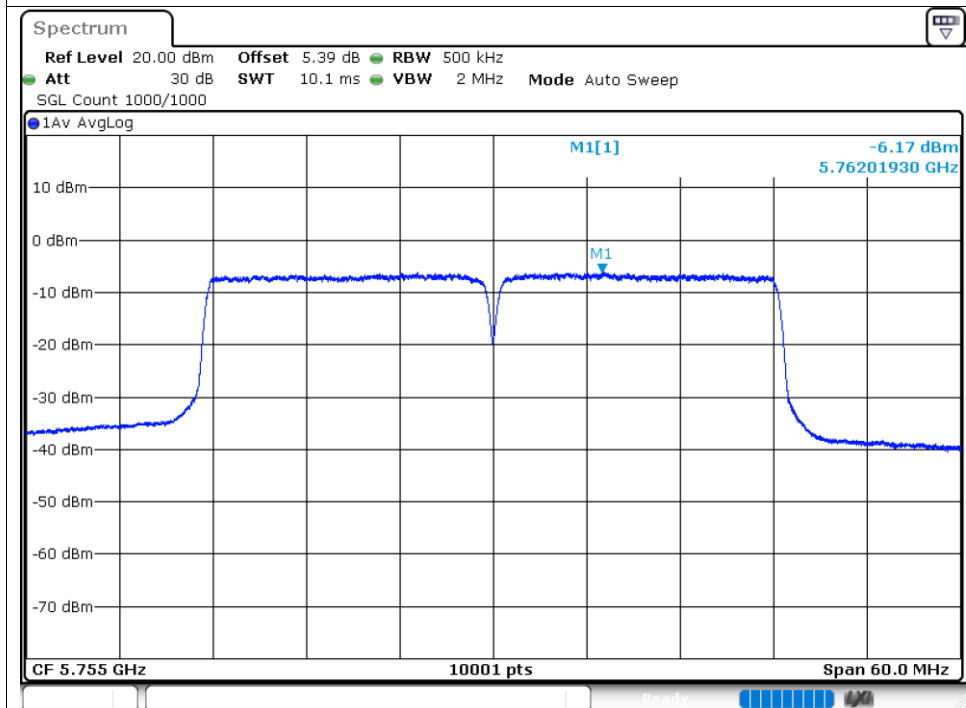
PSD NVNT ac20 5825MHz Ant2



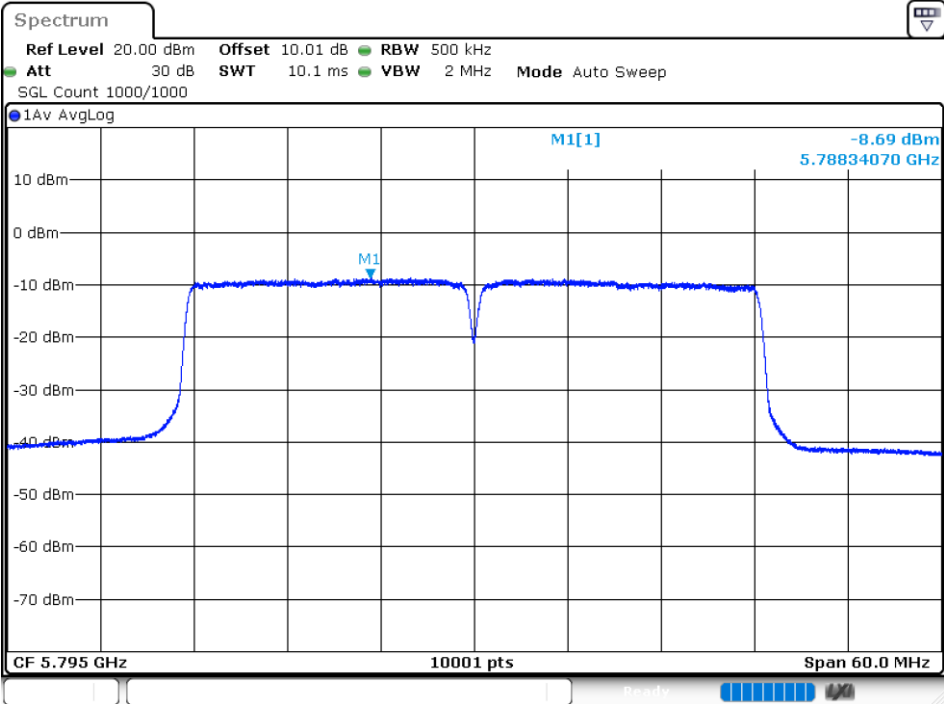
PSD NVNT ac40 5755MHz Ant1



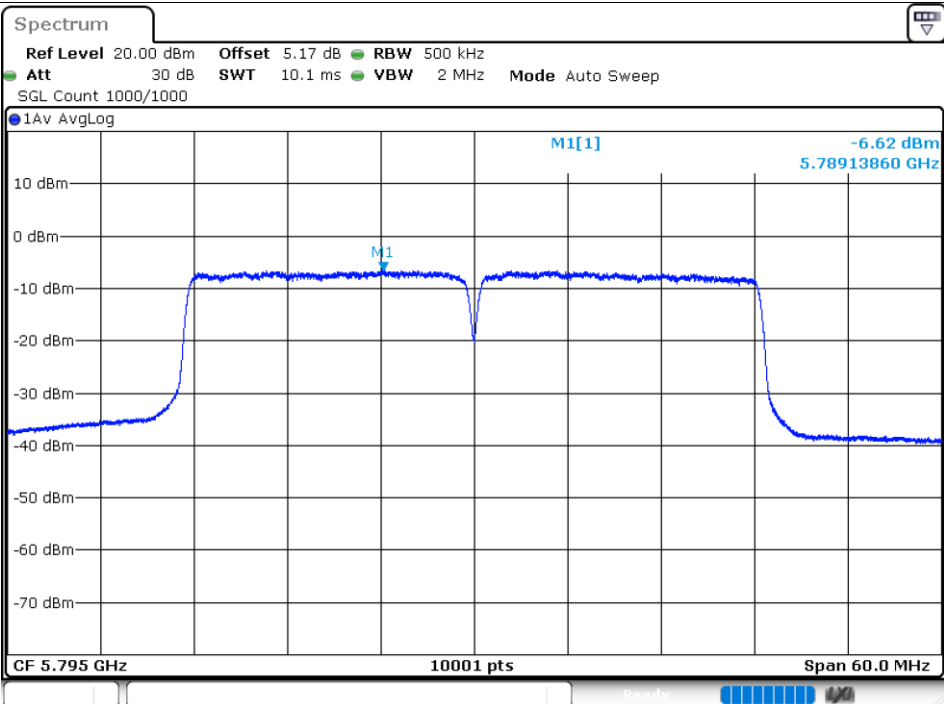
PSD NVNT ac40 5755MHz Ant2



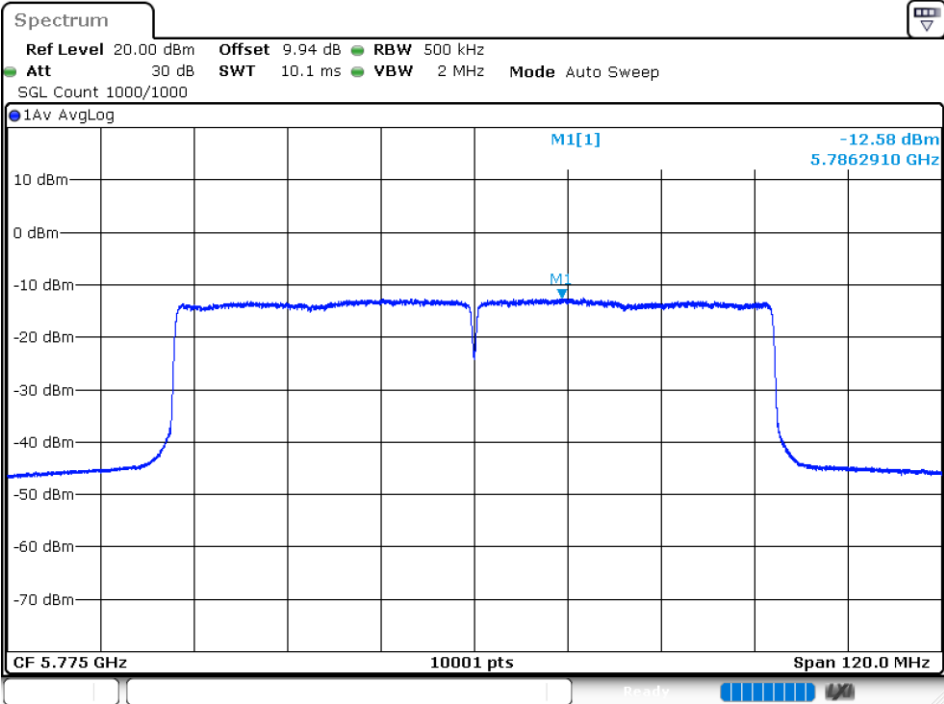
PSD NVNT ac40 5795MHz Ant1



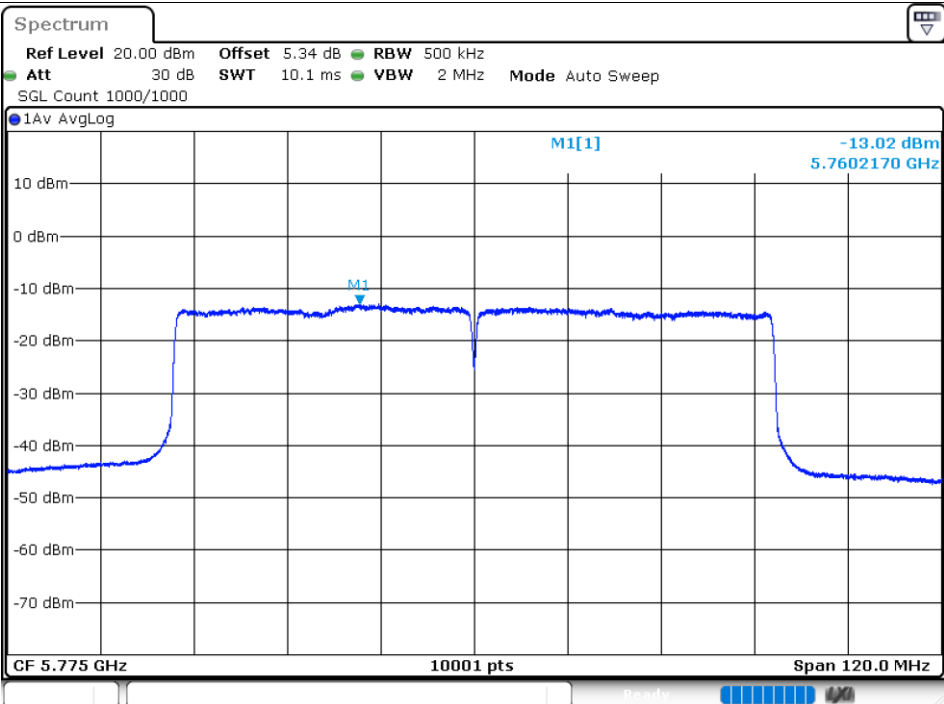
PSD NVNT ac40 5795MHz Ant2



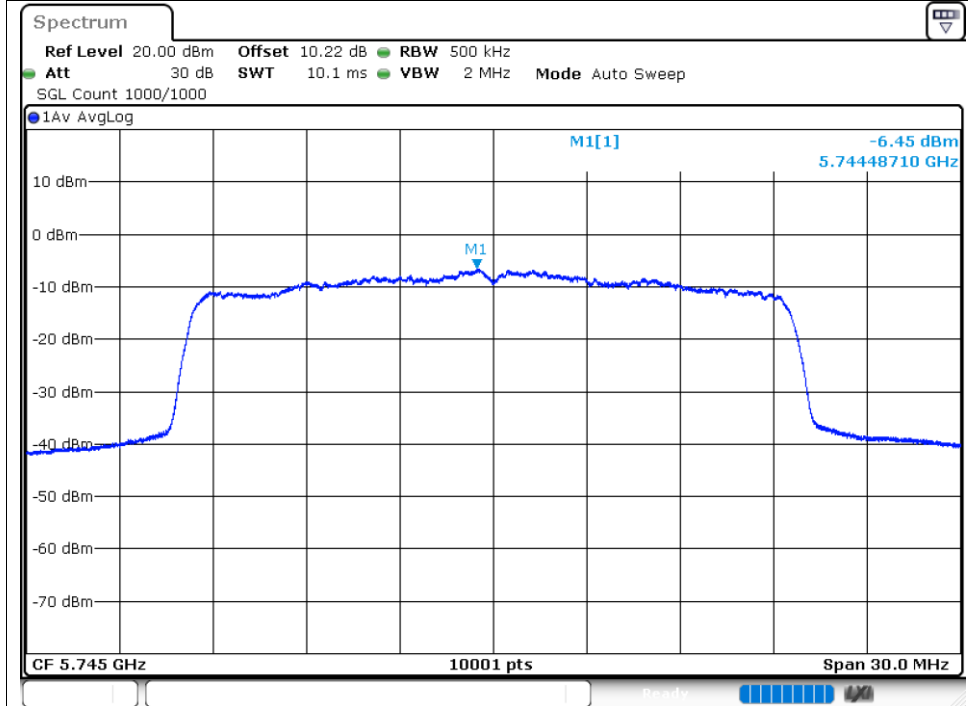
PSD NVNT ac80 5775MHz Ant1



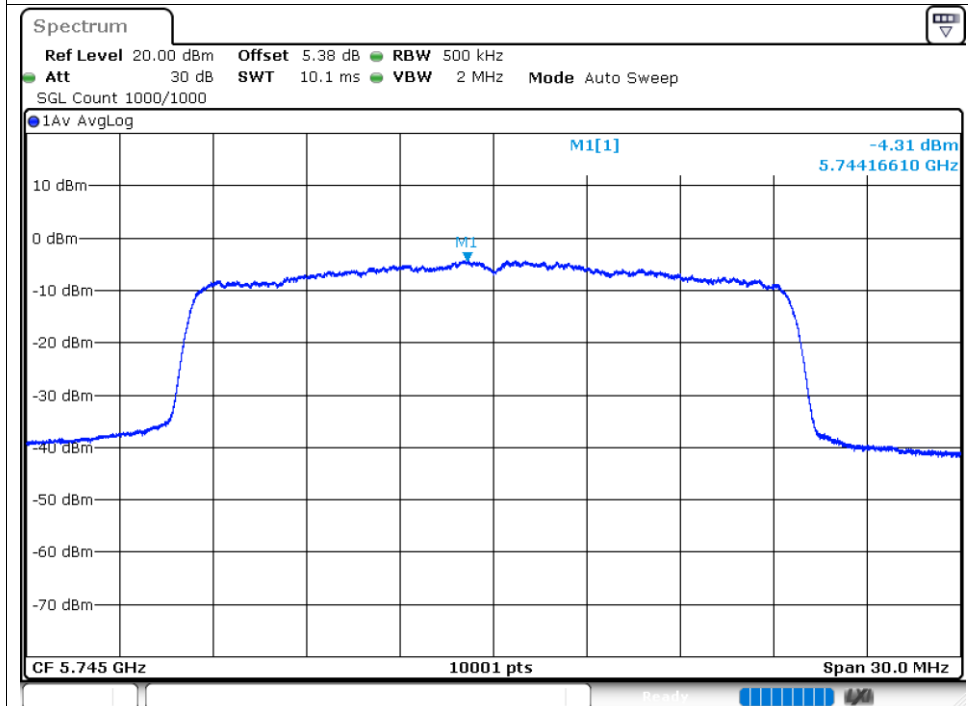
PSD NVNT ac80 5775MHz Ant2



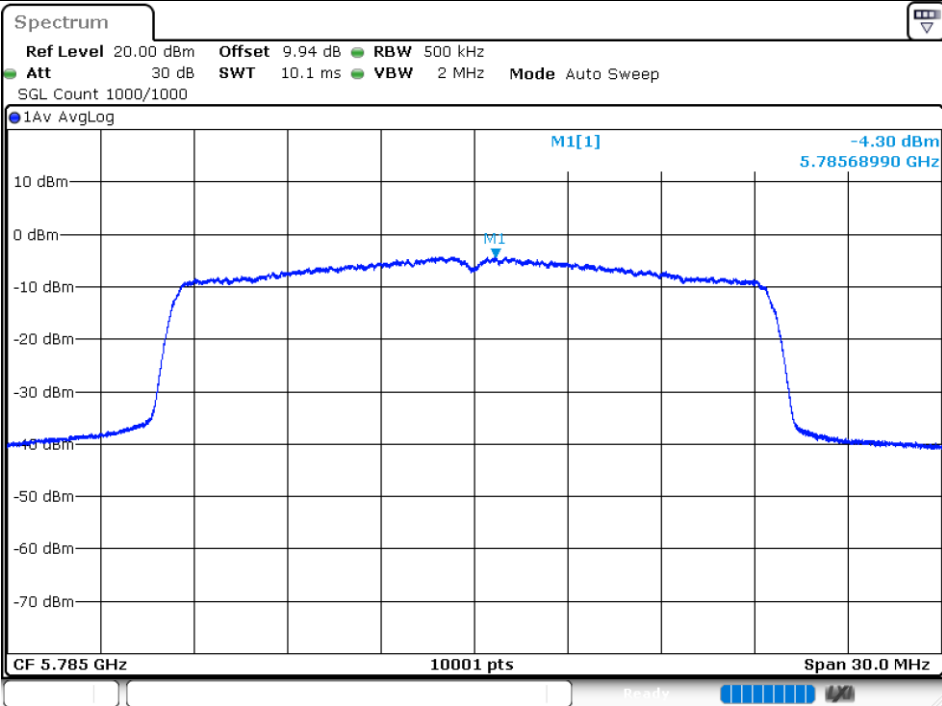
PSD NVNT ax20 5745MHz Ant1



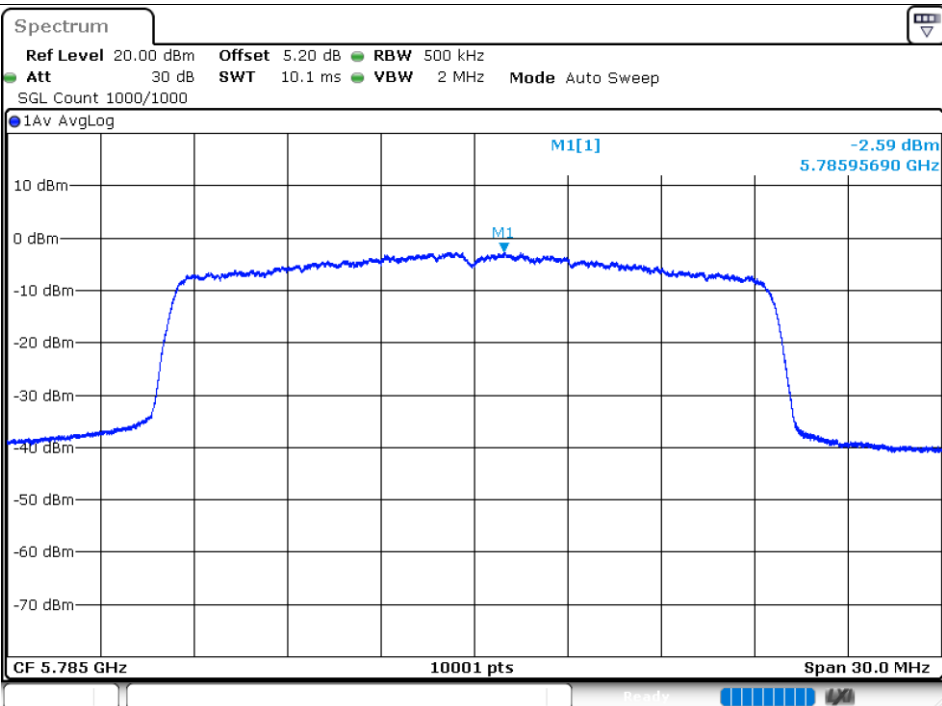
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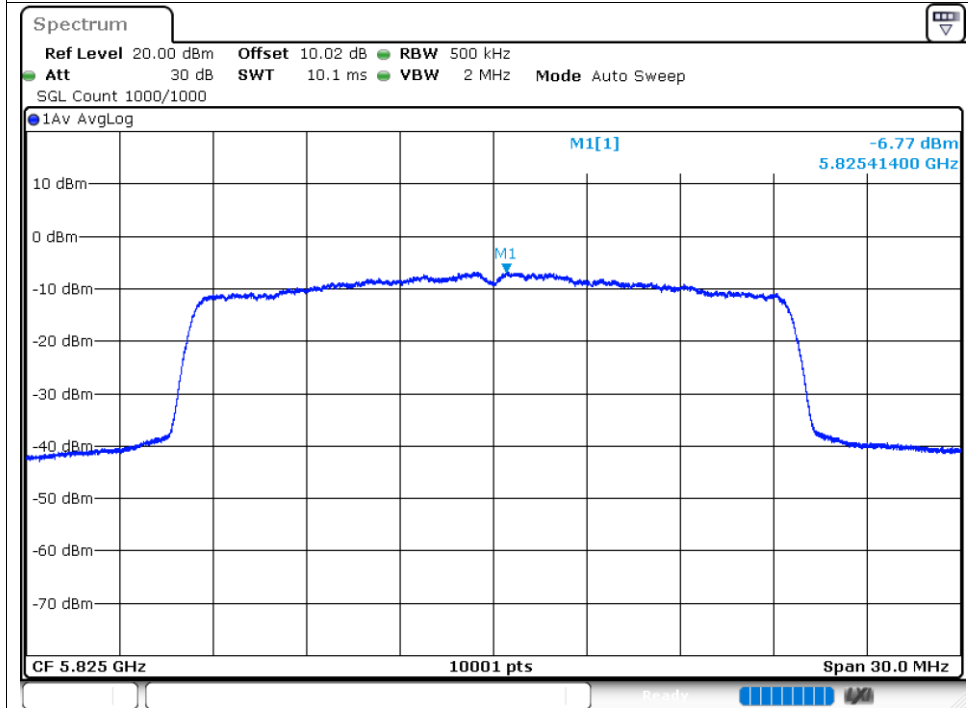
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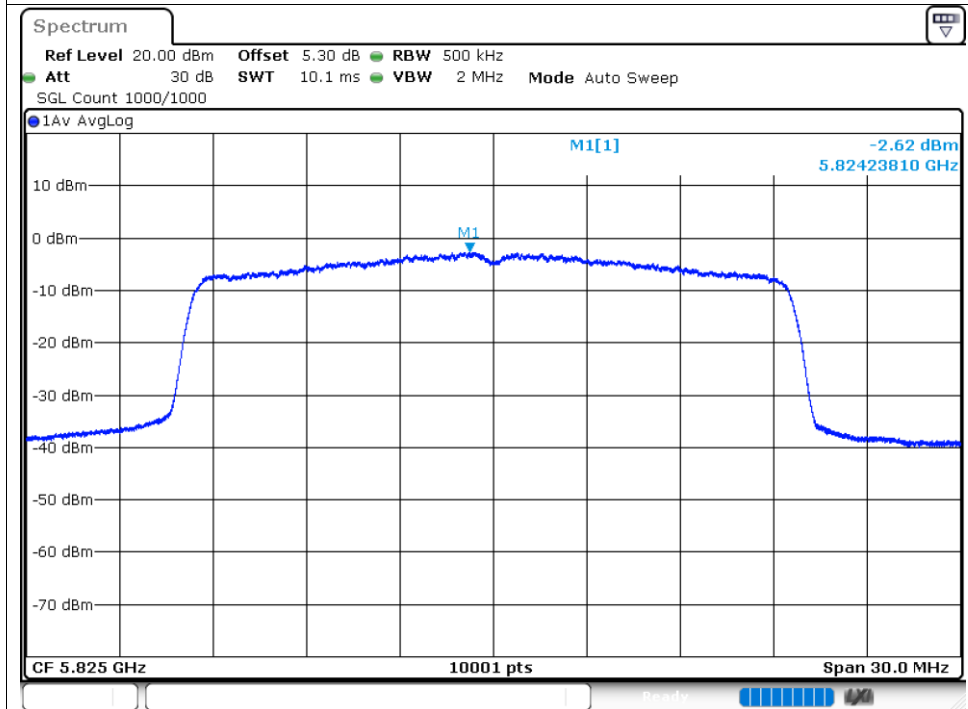
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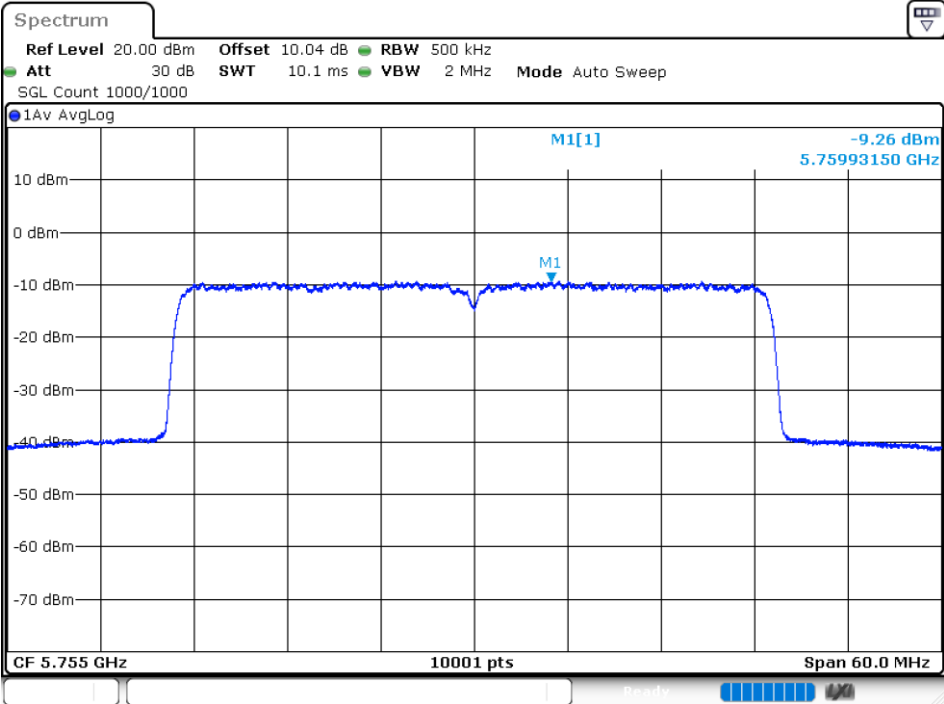
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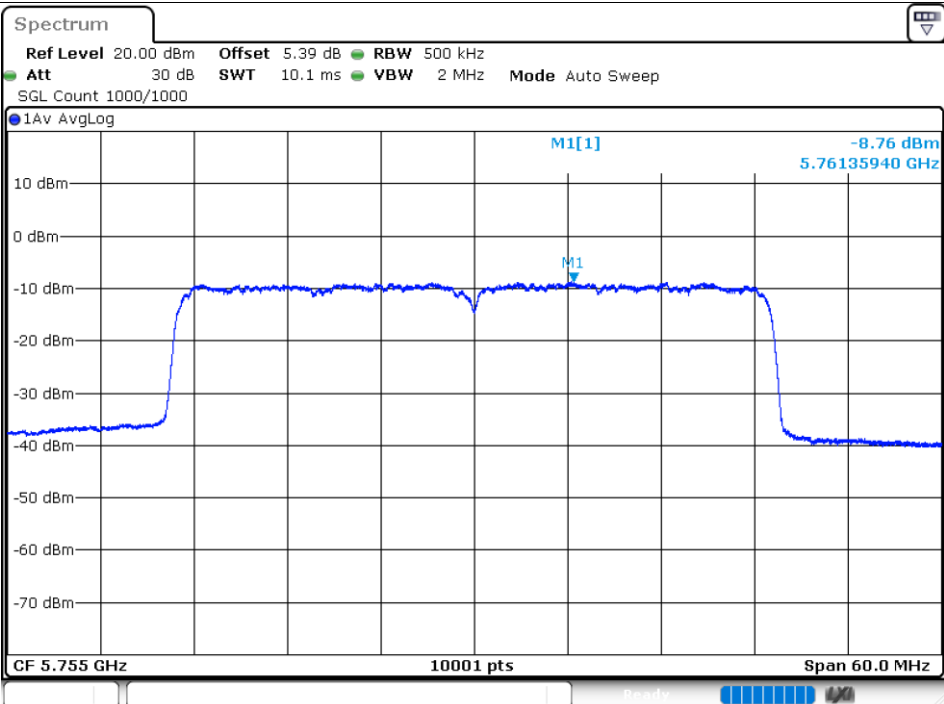
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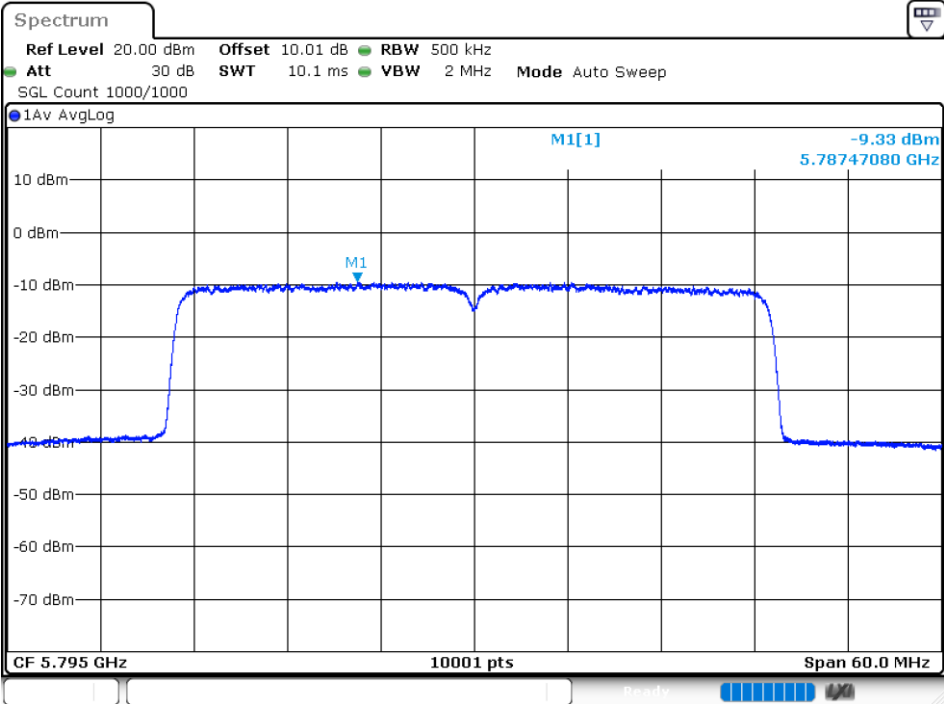
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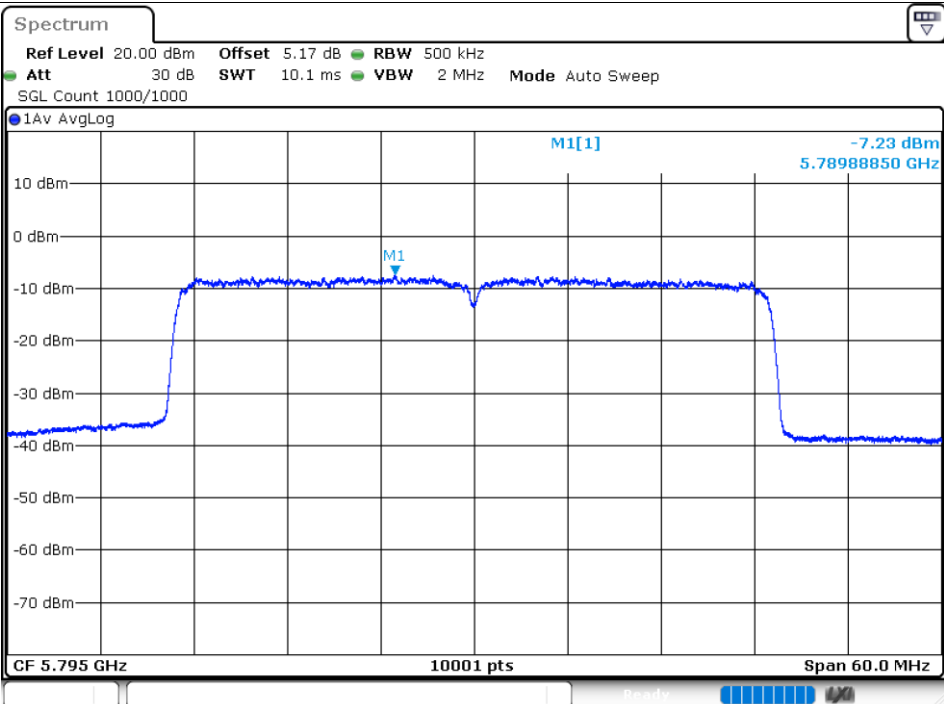
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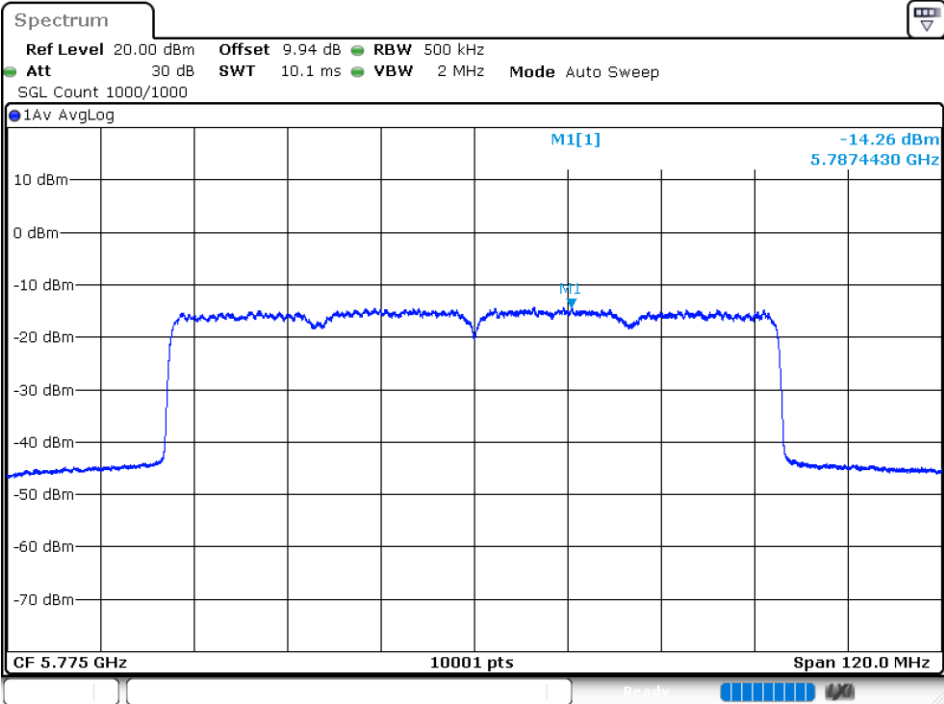
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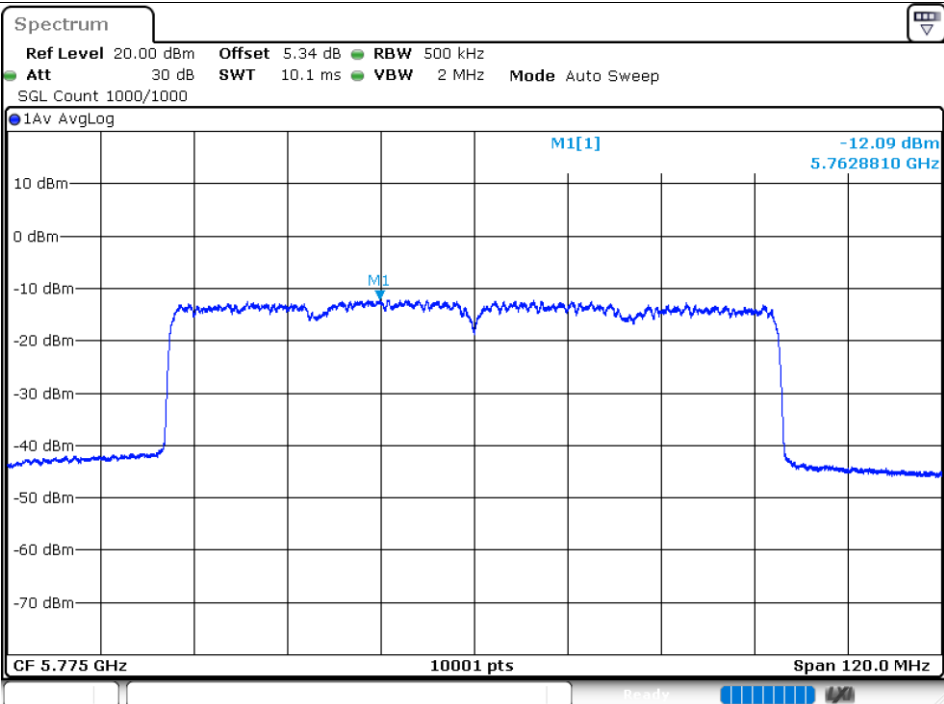
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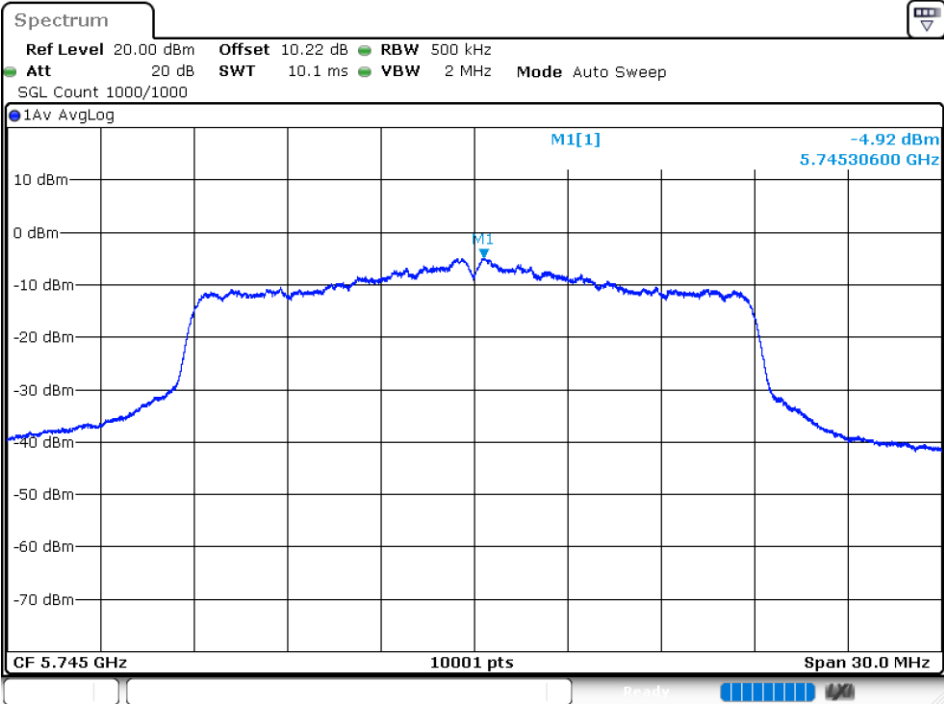
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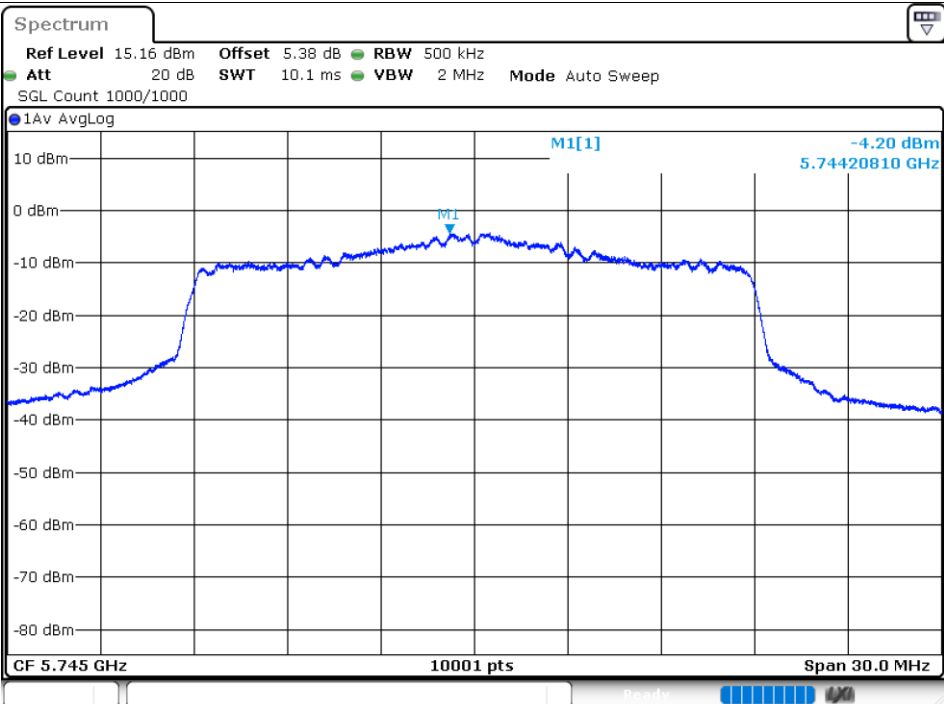
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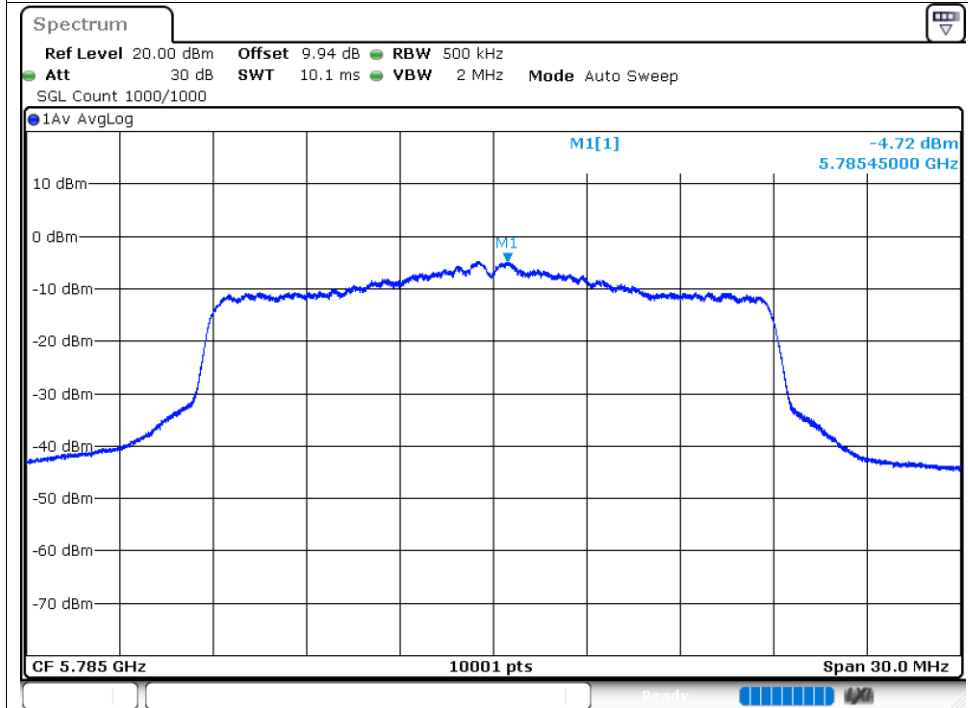
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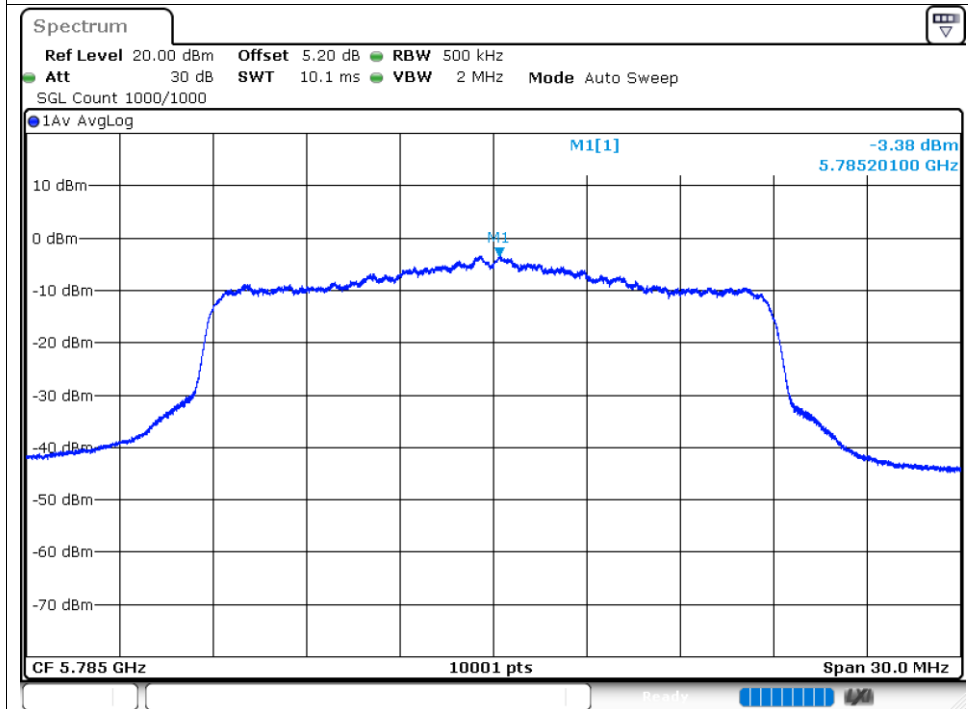
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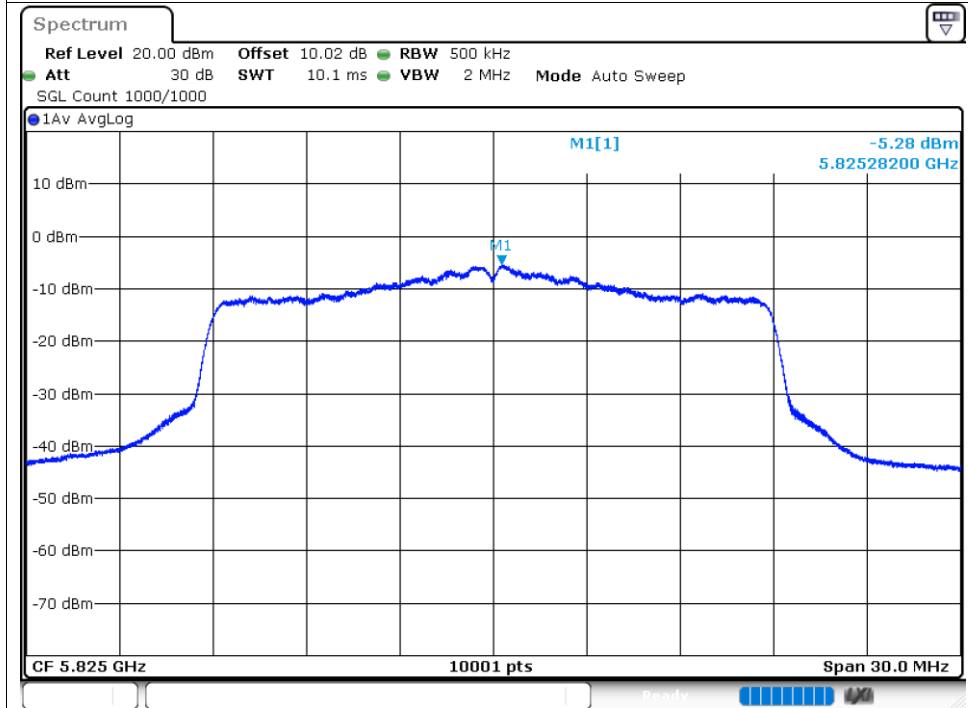
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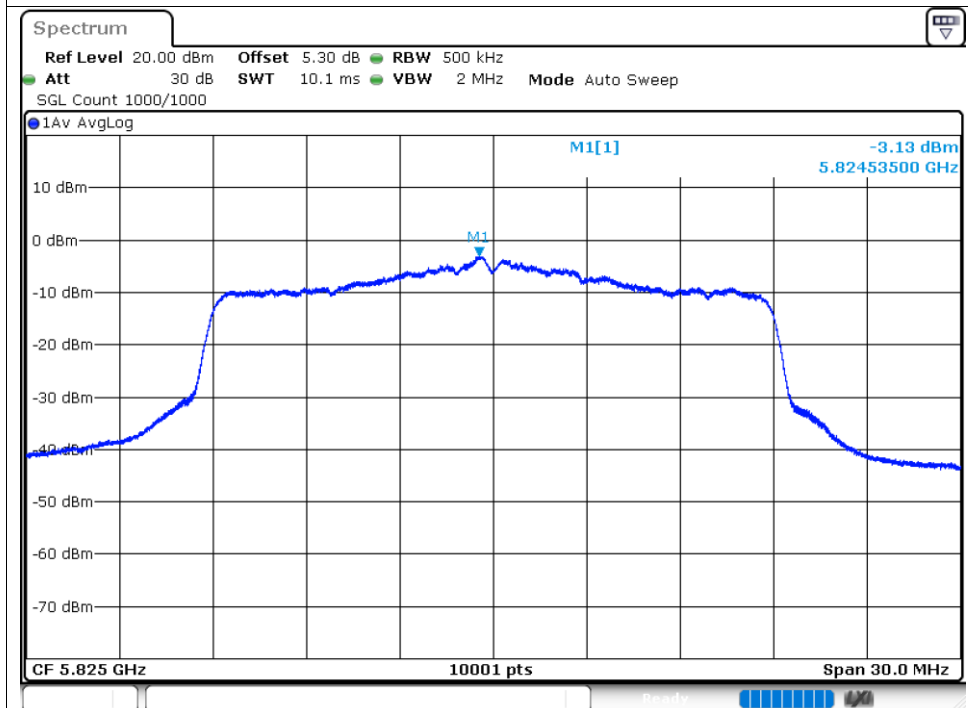
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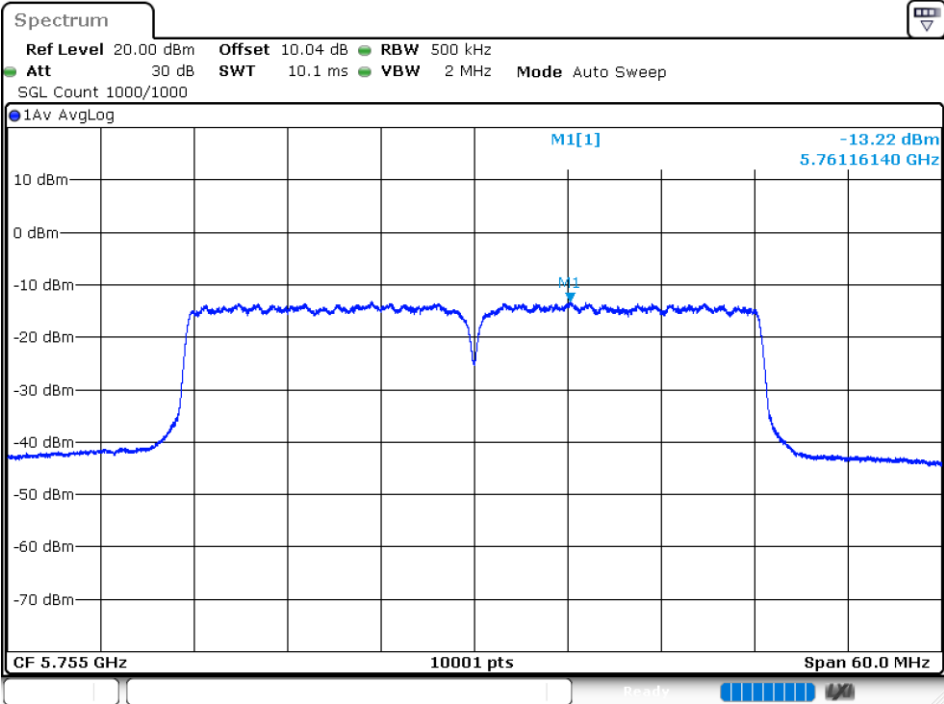
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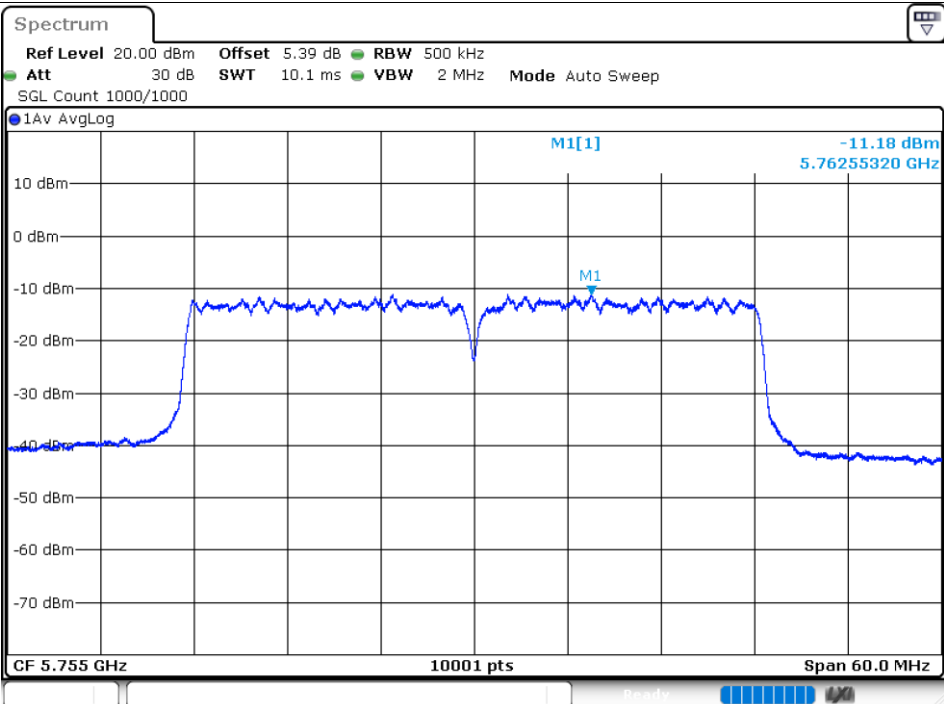
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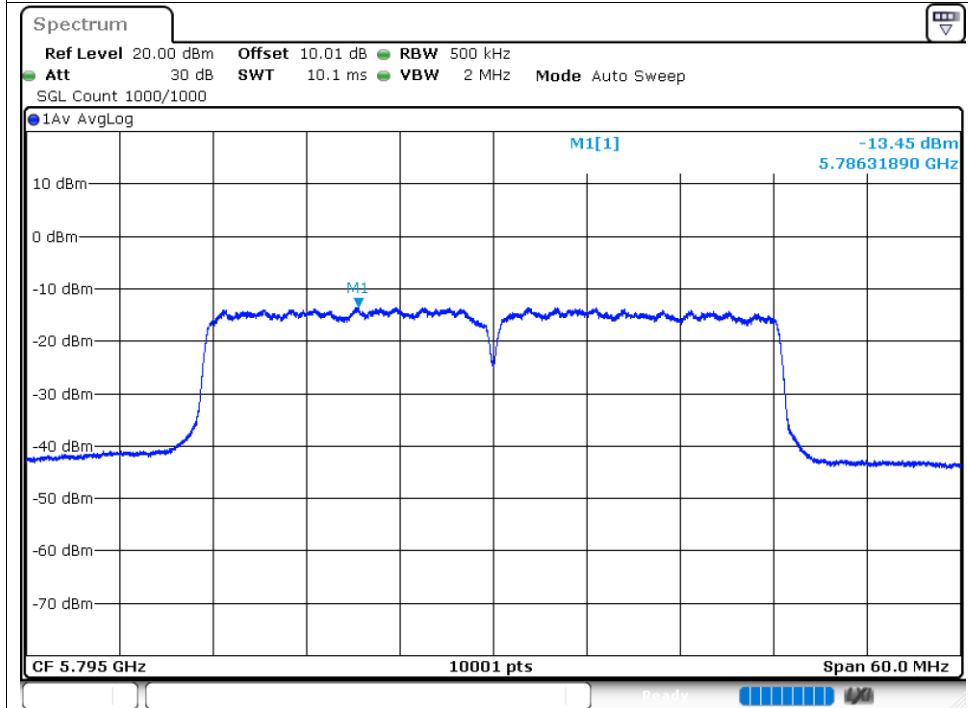
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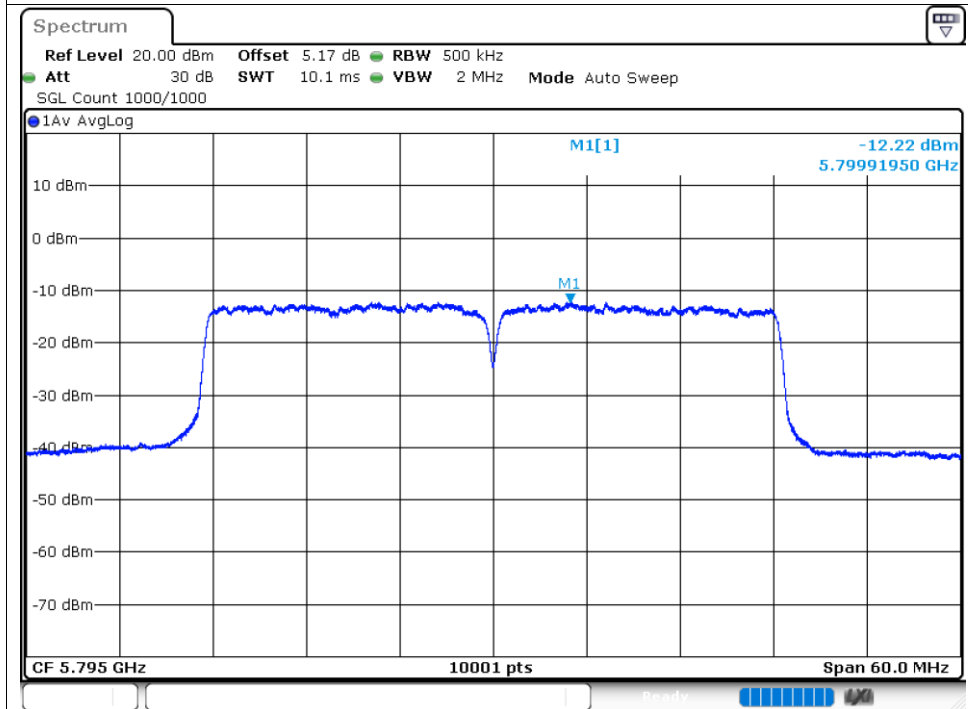
PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2



END OF REPORT