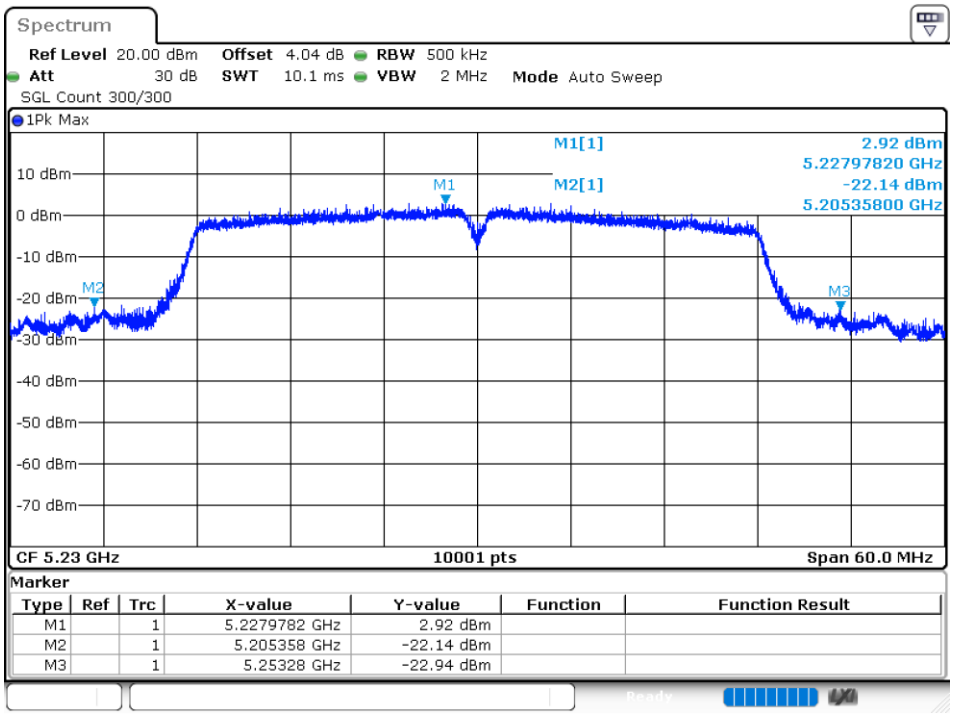
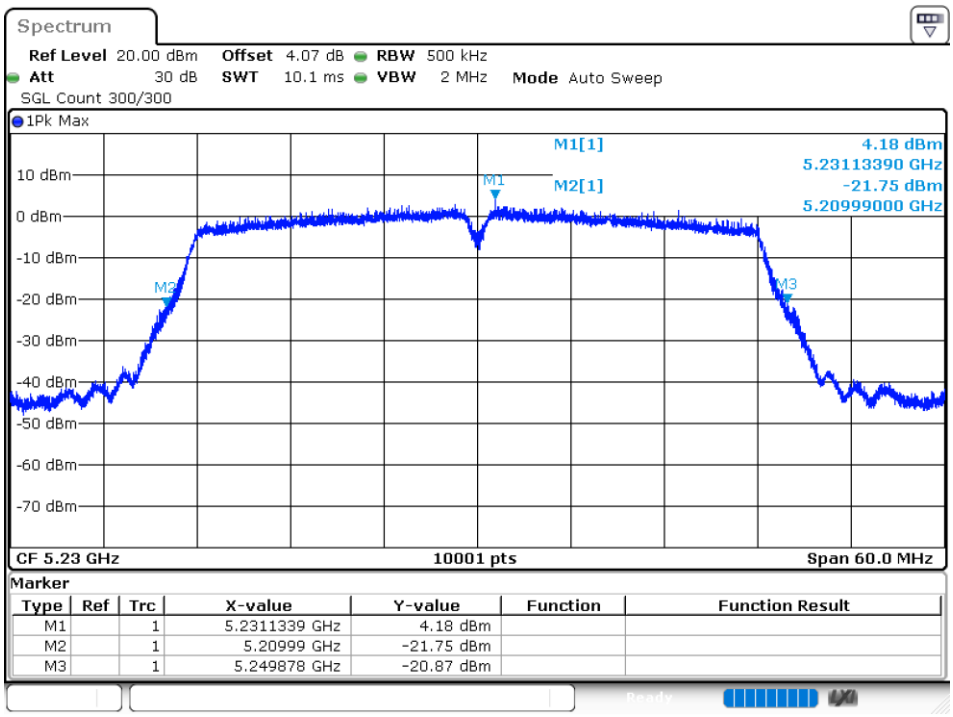
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2

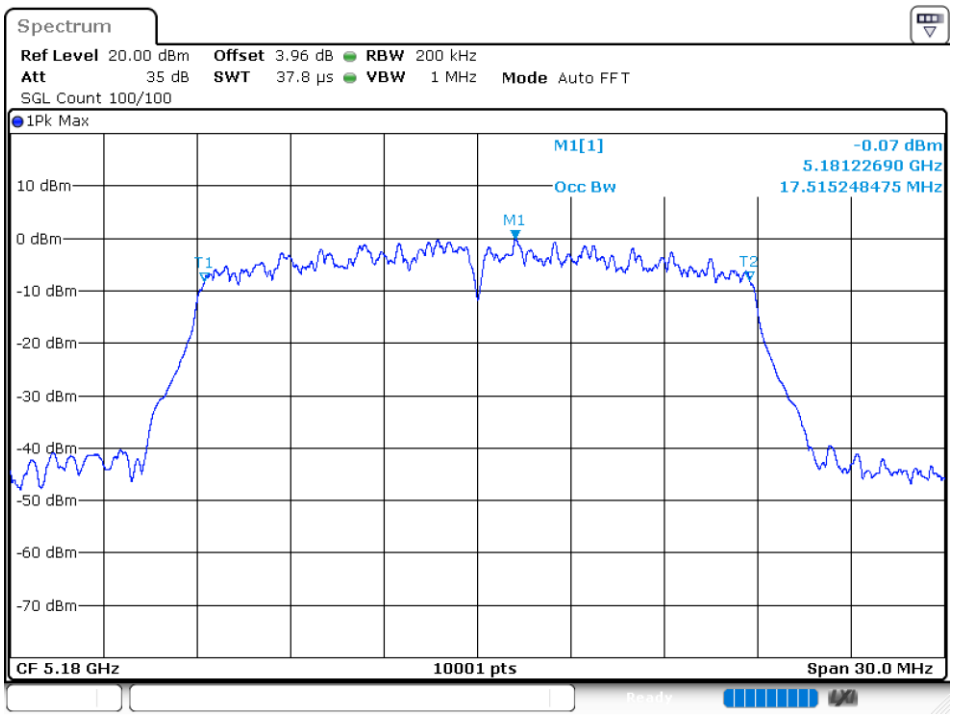


Occupied Channel Bandwidth

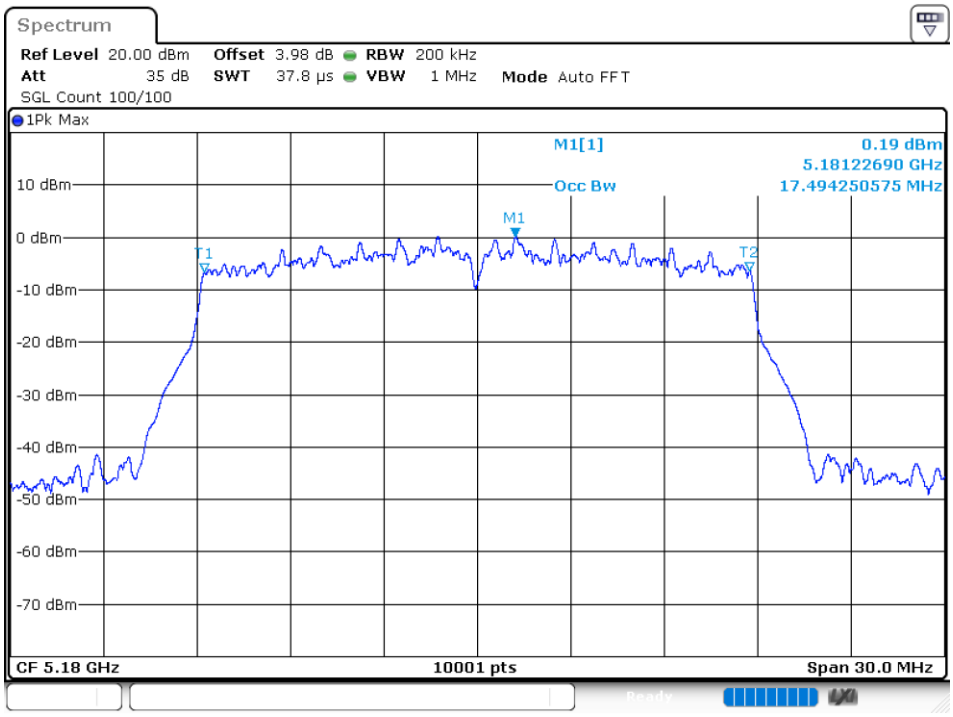
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5180	Ant1	17.515
NVNT	ac20	5180	Ant2	17.494
NVNT	ac20	5200	Ant1	17.476
NVNT	ac20	5200	Ant2	17.566
NVNT	ac20	5240	Ant1	17.62
NVNT	ac20	5240	Ant2	17.596
NVNT	ac40	5190	Ant1	35.894
NVNT	ac40	5190	Ant2	35.918
NVNT	ac40	5230	Ant1	36.134
NVNT	ac40	5230	Ant2	35.96
NVNT	ac80	5210	Ant1	75.484
NVNT	ac80	5210	Ant2	75.352
NVNT	n20	5180	Ant1	17.53
NVNT	n20	5180	Ant2	17.611
NVNT	n20	5200	Ant1	17.596
NVNT	n20	5200	Ant2	17.542
NVNT	n20	5240	Ant1	17.617
NVNT	n20	5240	Ant2	17.536
NVNT	n40	5190	Ant1	35.906
NVNT	n40	5190	Ant2	36.026
NVNT	n40	5230	Ant1	36.272
NVNT	n40	5230	Ant2	36.056

Test Graphs

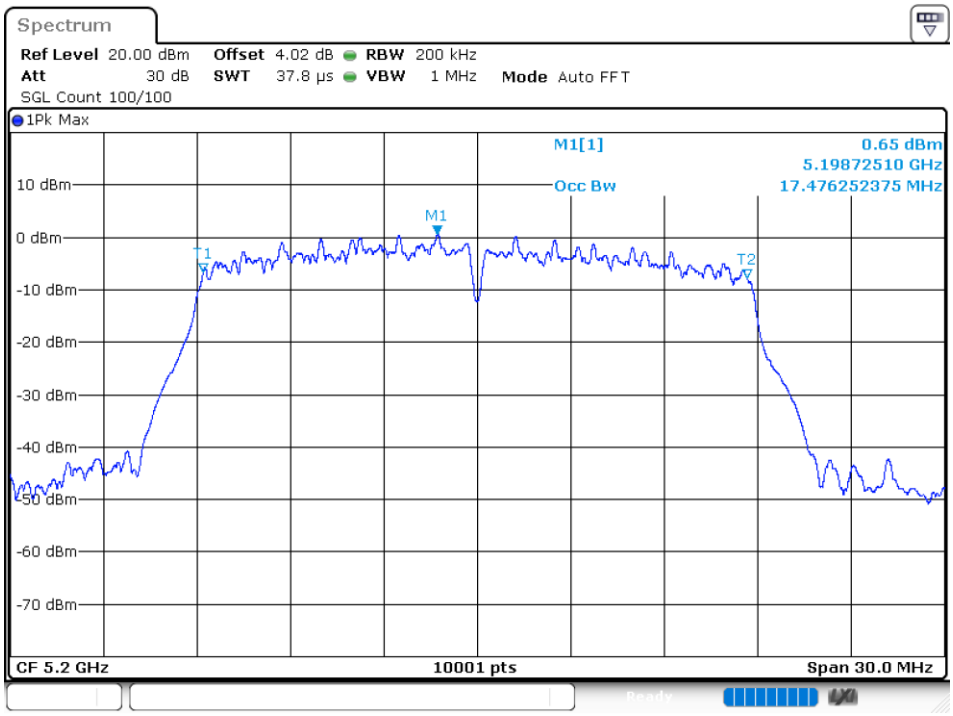
OBW NVNT ac20 5180MHz Ant1



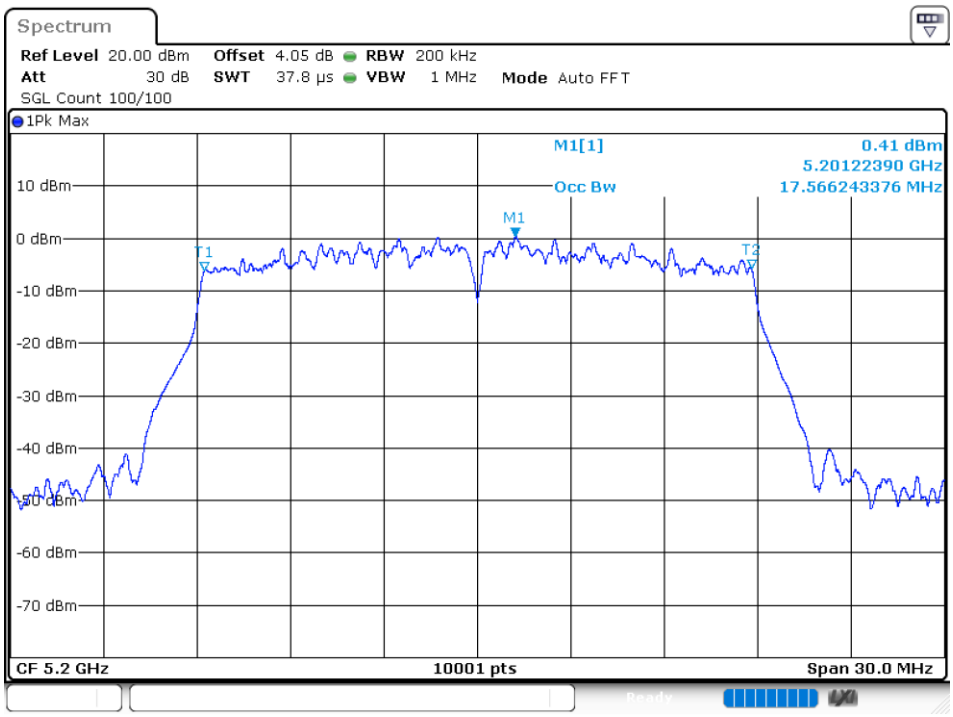
OBW NVNT ac20 5180MHz Ant2



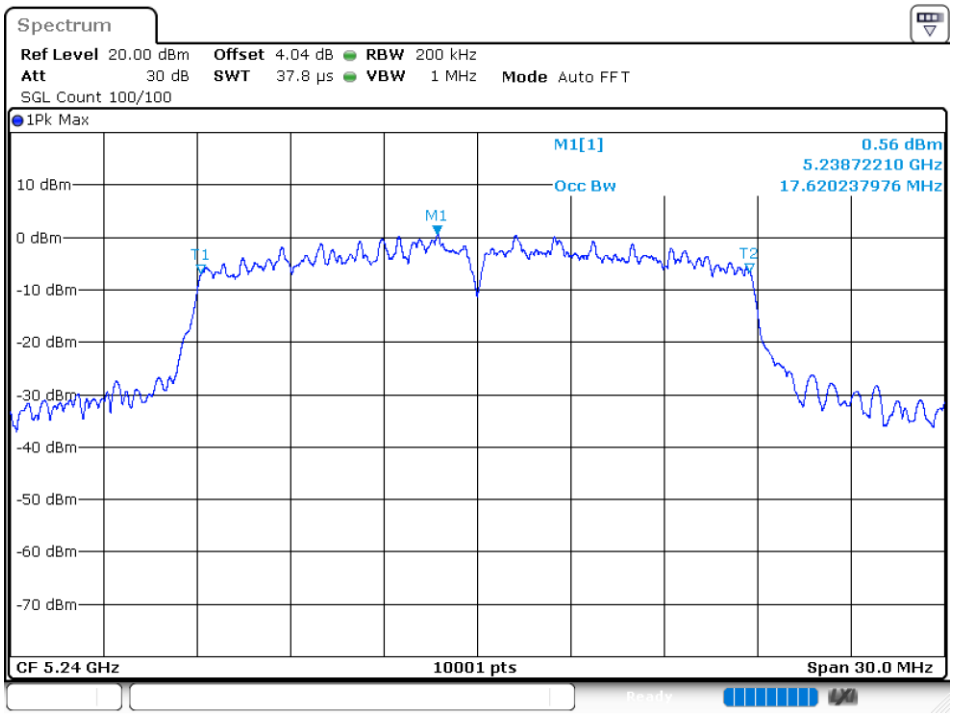
OBW NVNT ac20 5200MHz Ant1



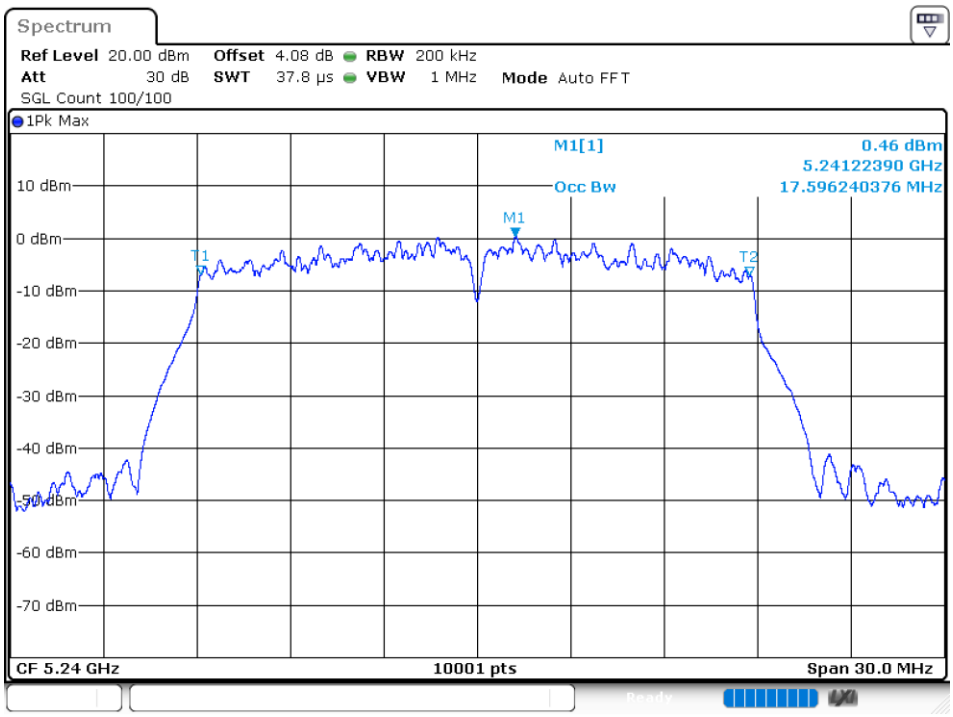
OBW NVNT ac20 5200MHz Ant2



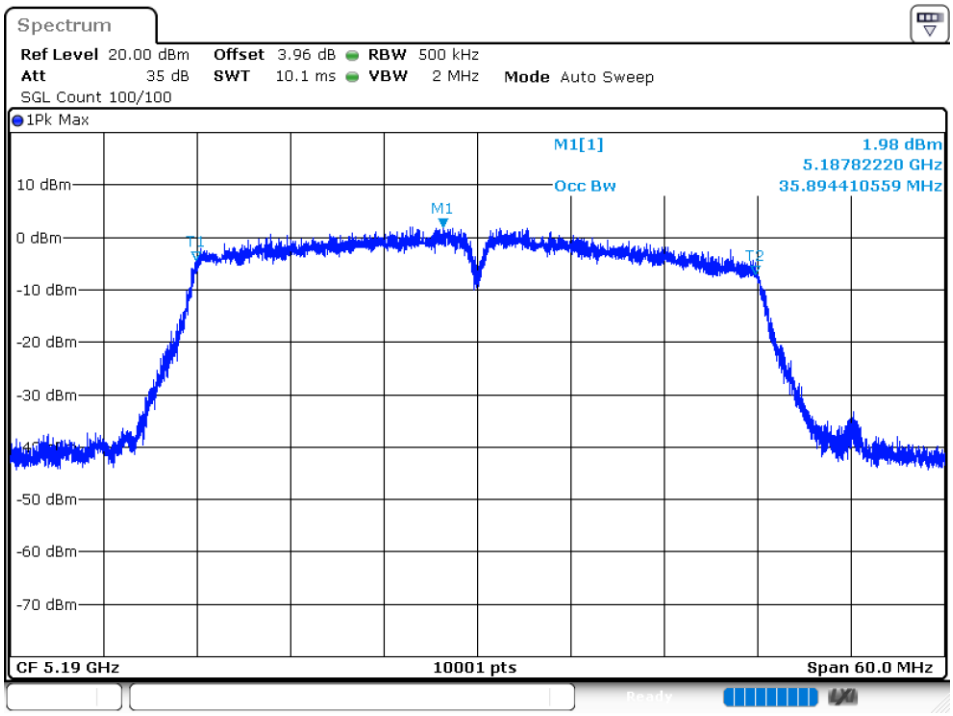
OBW NVNT ac20 5240MHz Ant1



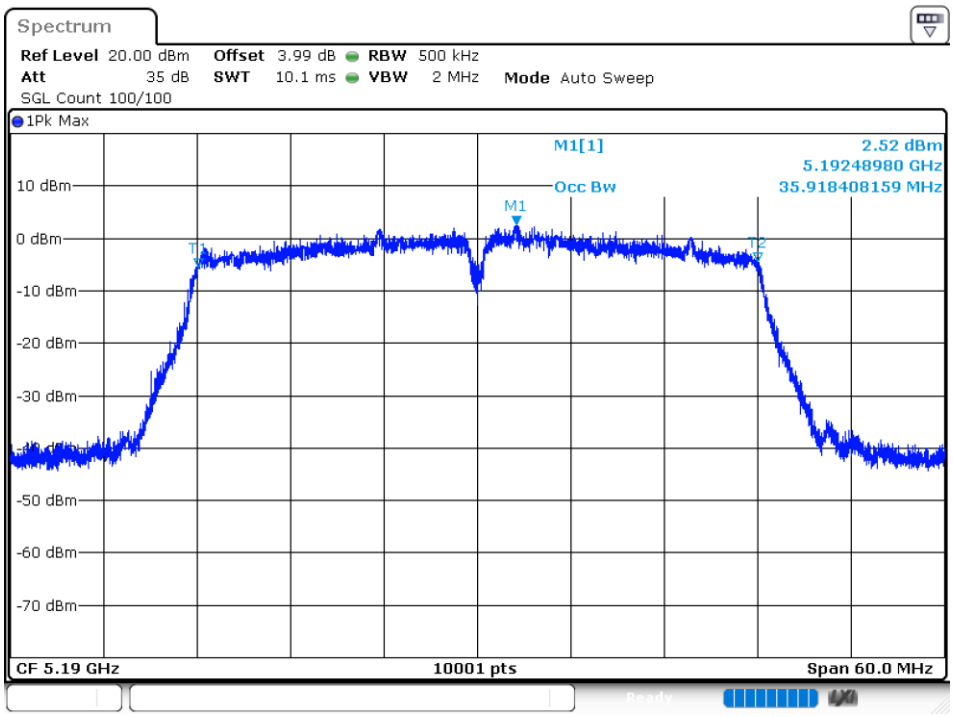
OBW NVNT ac20 5240MHz Ant2



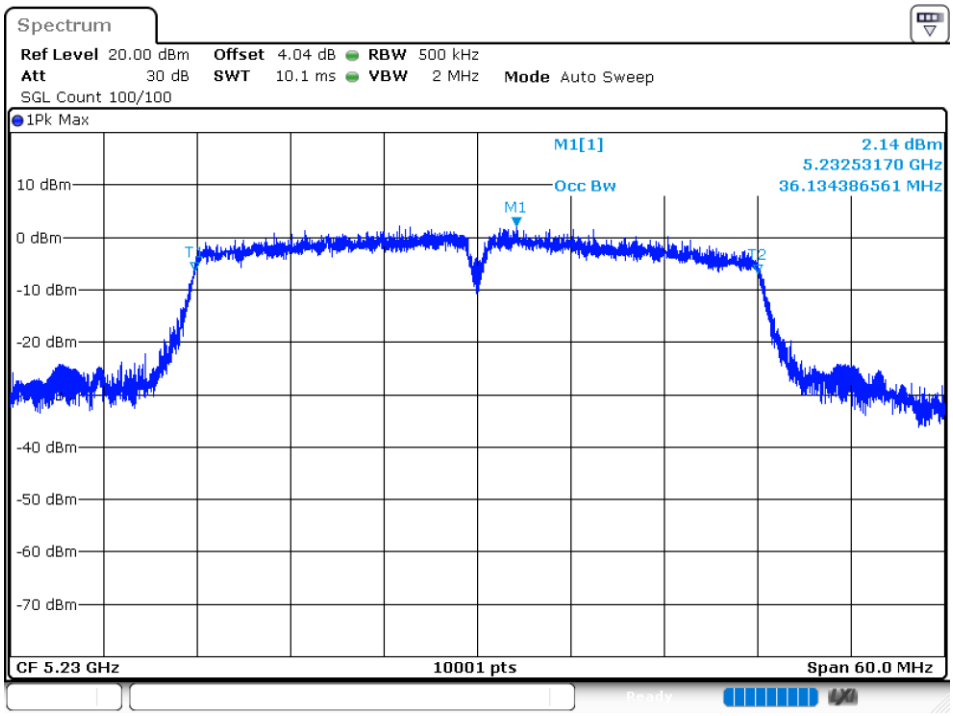
OBW NVNT ac40 5190MHz Ant1



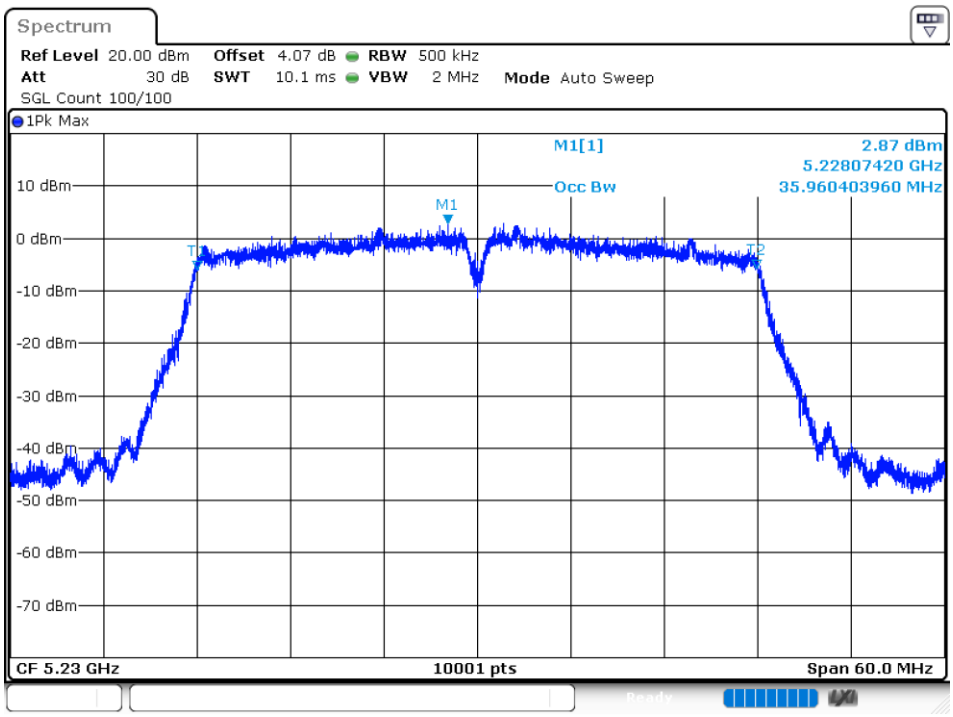
OBW NVNT ac40 5190MHz Ant2



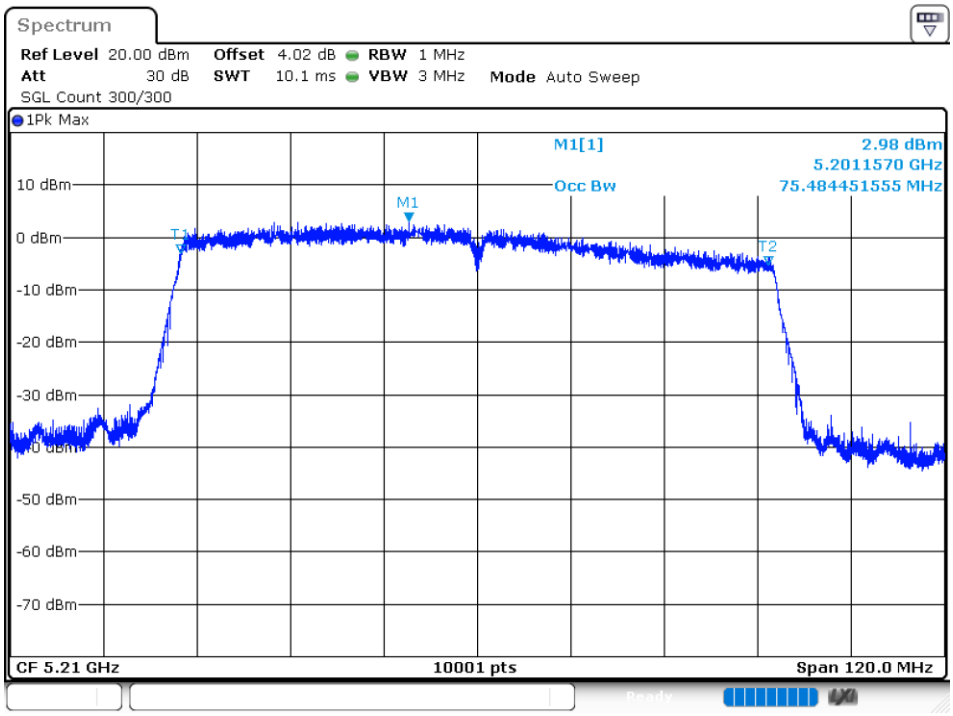
OBW NVNT ac40 5230MHz Ant1



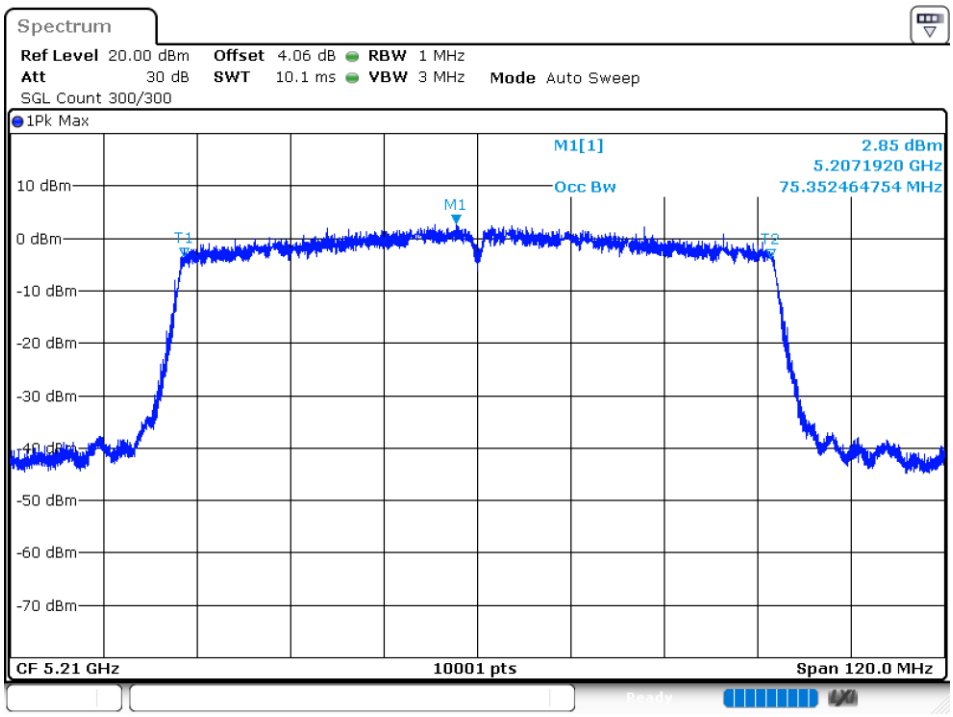
OBW NVNT ac40 5230MHz Ant2



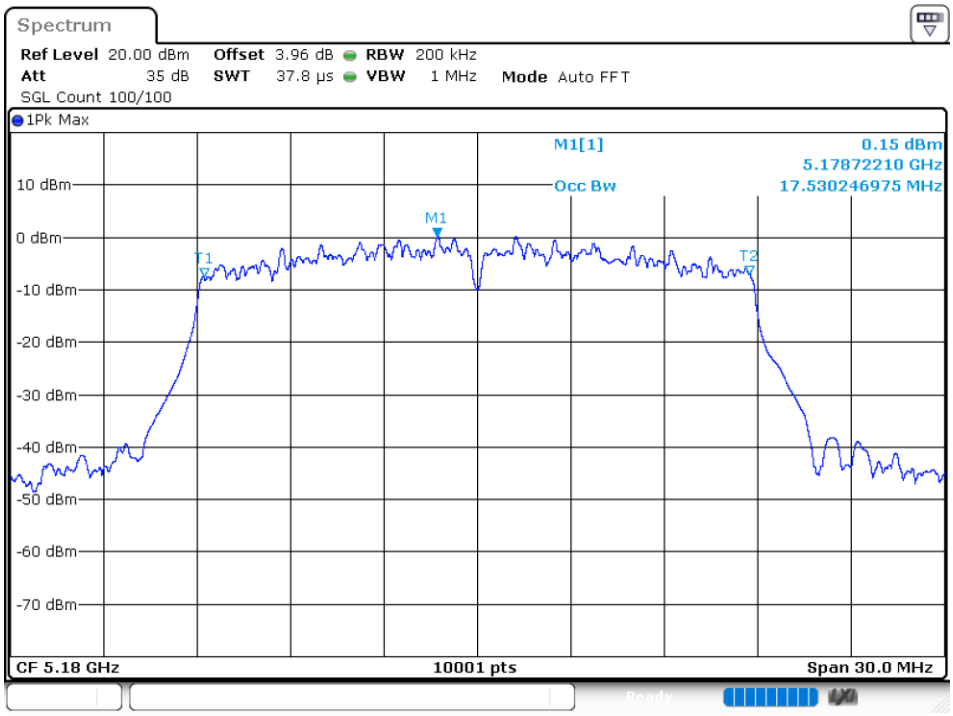
OBW NVNT ac80 5210MHz Ant1



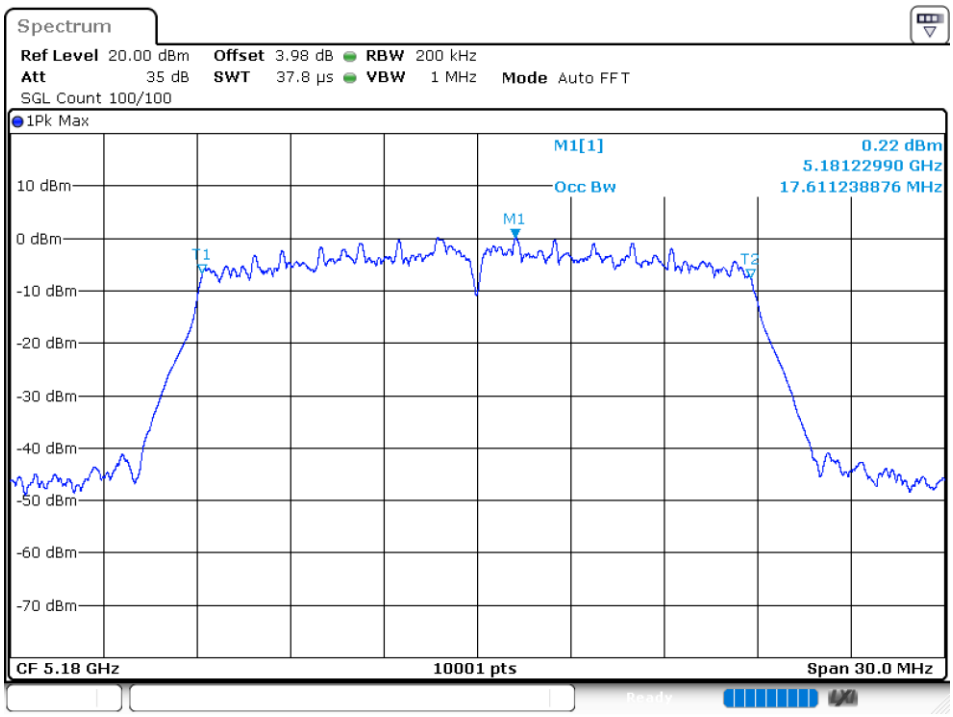
OBW NVNT ac80 5210MHz Ant2



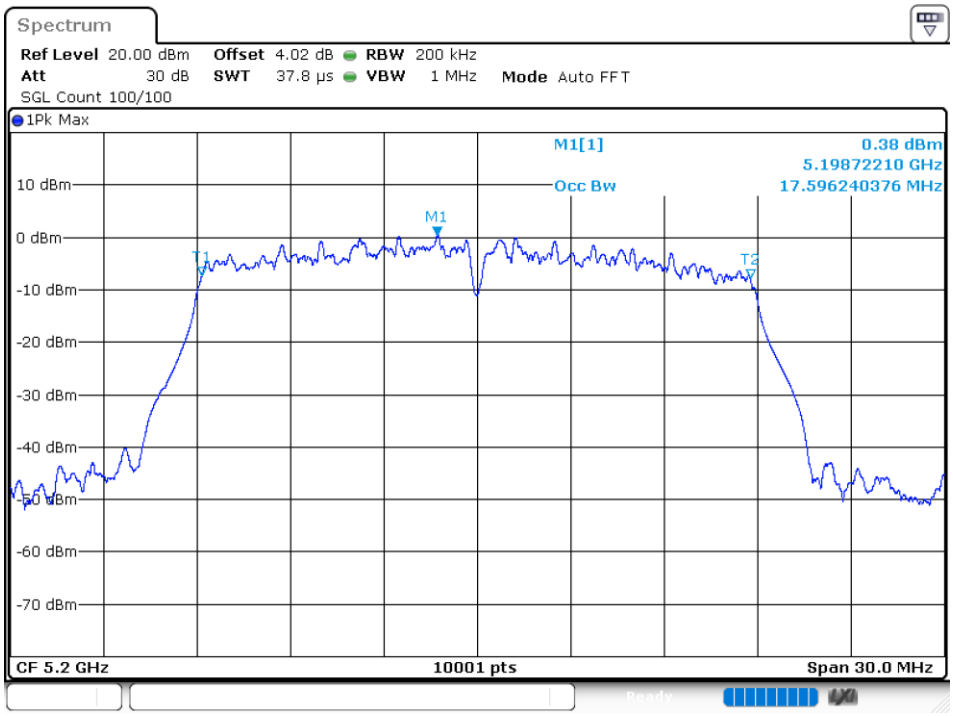
OBW NVNT n20 5180MHz Ant1



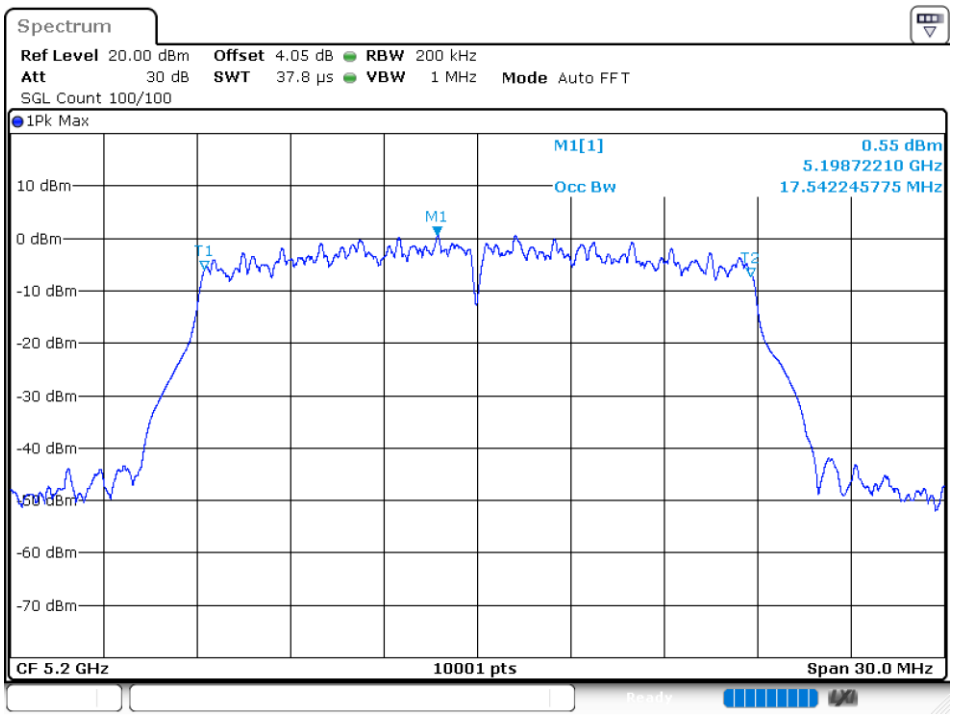
OBW NVNT n20 5180MHz Ant2



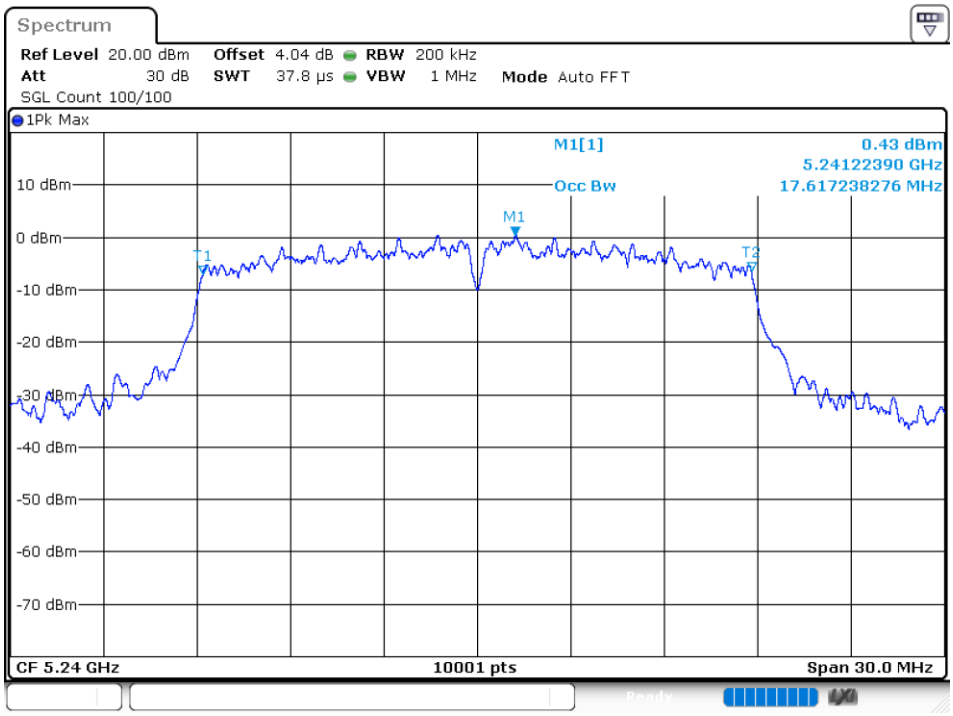
OBW NVNT n20 5200MHz Ant1



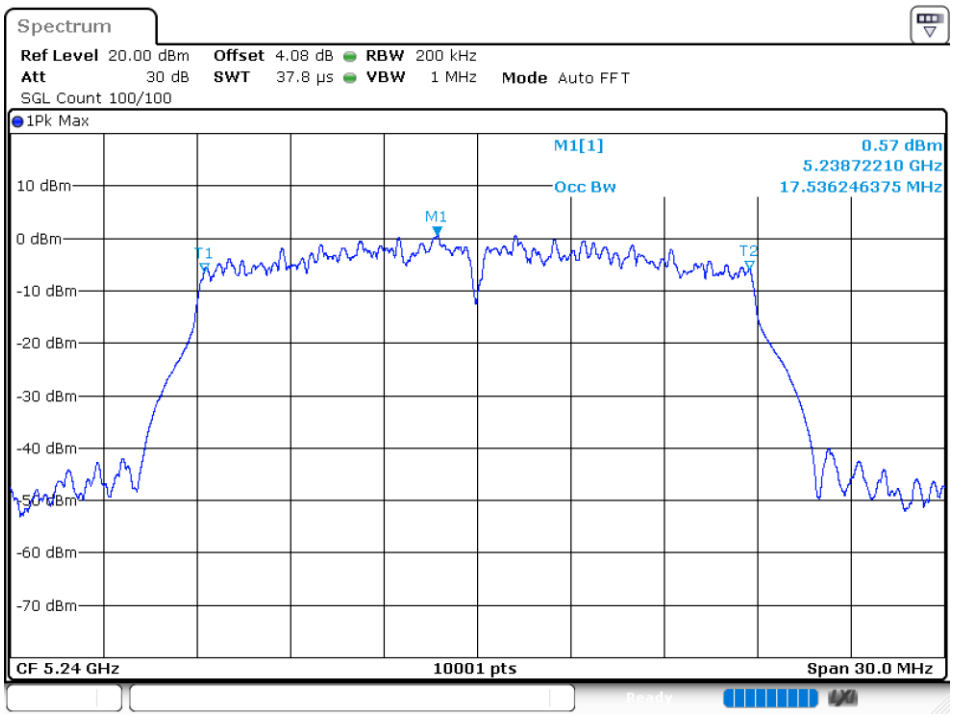
OBW NVNT n20 5200MHz Ant2



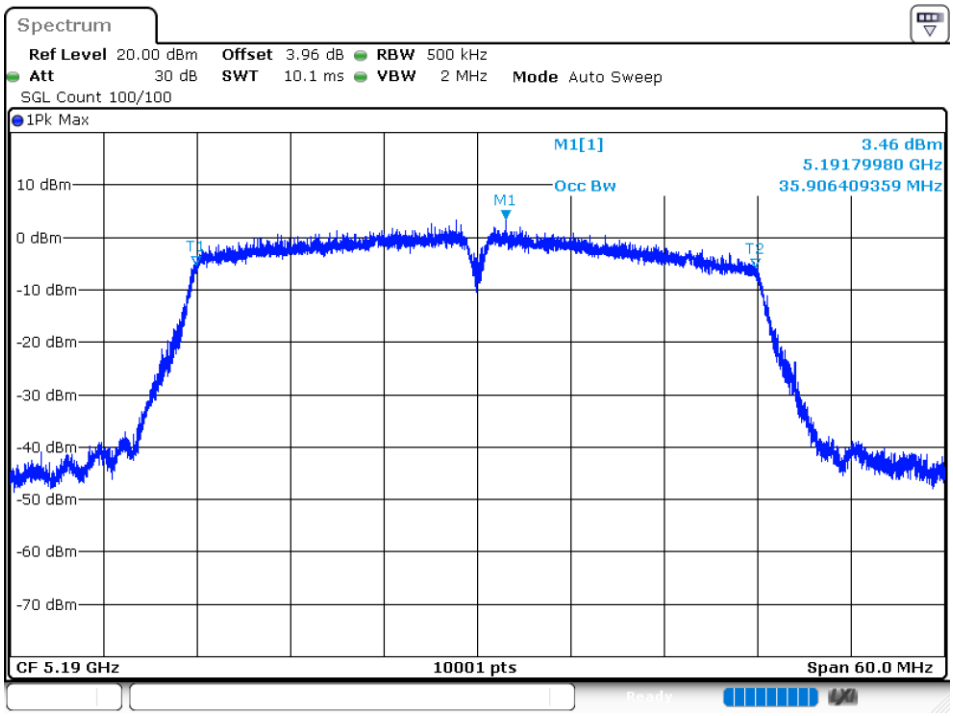
OBW NVNT n20 5240MHz Ant1



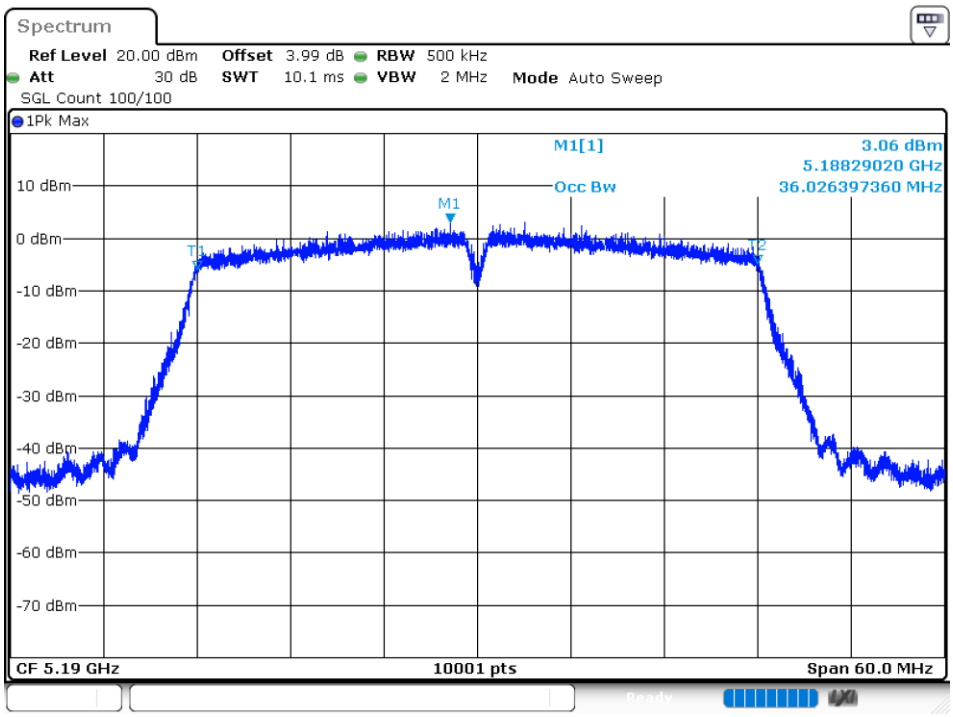
OBW NVNT n20 5240MHz Ant2



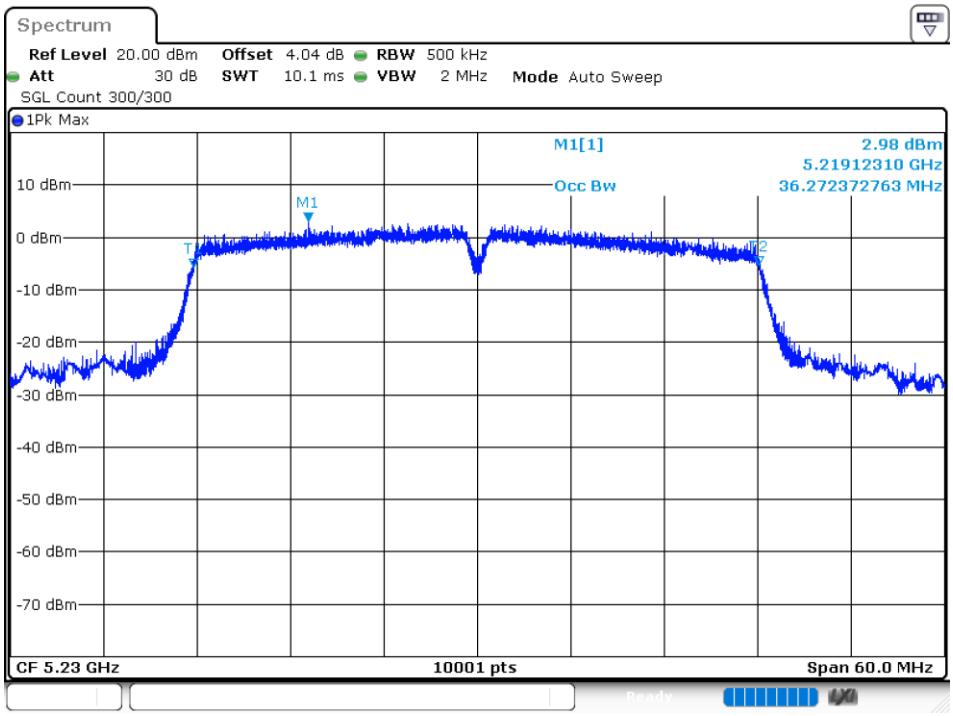
OBW NVNT n40 5190MHz Ant1



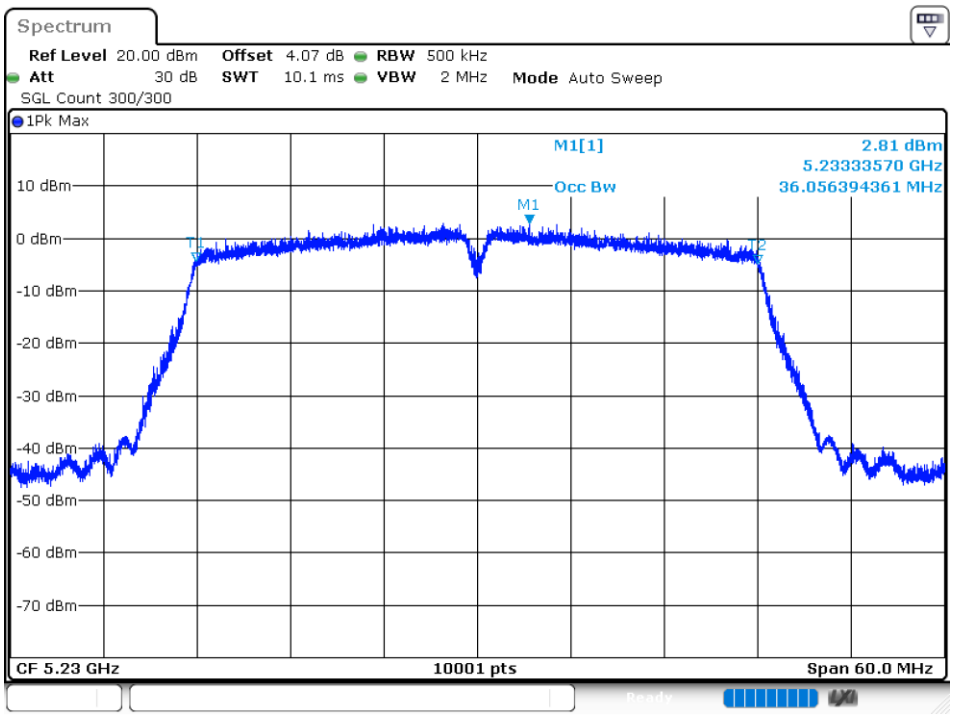
OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5230MHz Ant2

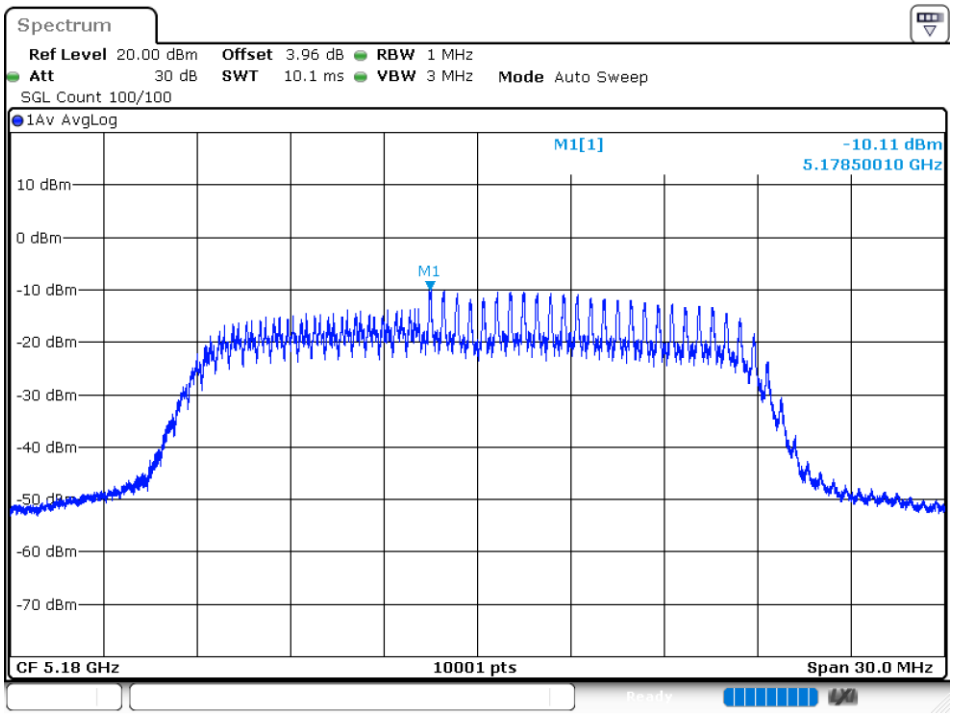


Maximum Power Spectral Density Level

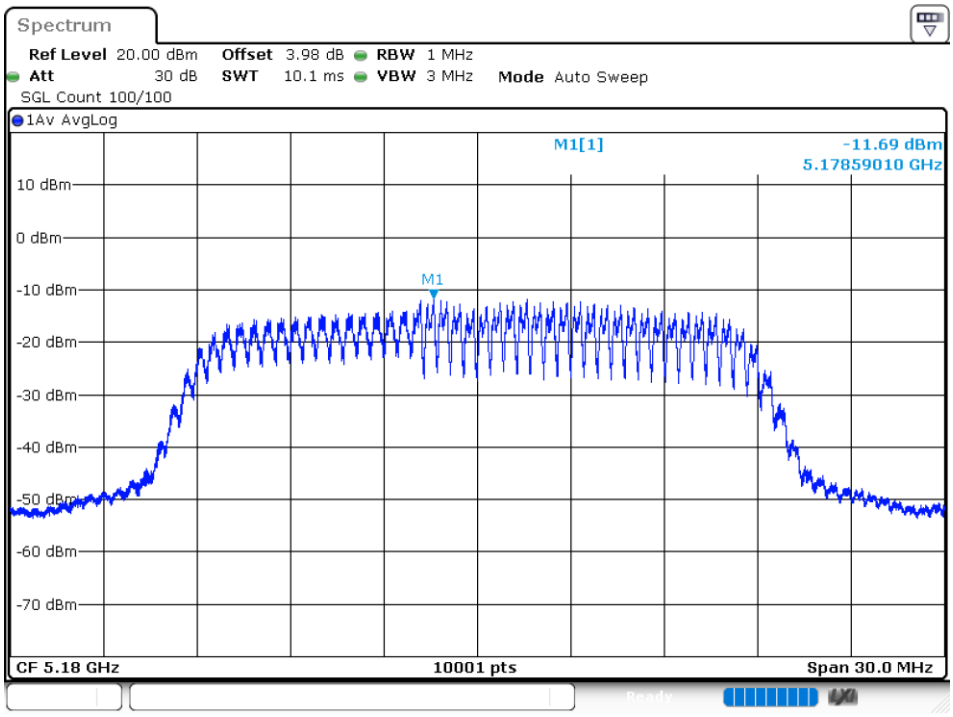
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-10.11	1.13	-8.98	9.05	Pass
NVNT	ac20	5180	Ant2	-11.69	1.13	-10.56	9.05	Pass
NVNT	ac20	5180	Sum	-7.82	1.13	-6.69	9.05	Pass
NVNT	ac20	5200	Ant1	-12.31	1.13	-11.18	9.05	Pass
NVNT	ac20	5200	Ant2	-13.68	1.13	-12.55	9.05	Pass
NVNT	ac20	5200	Sum	-9.93	1.13	-8.8	9.05	Pass
NVNT	ac20	5240	Ant1	-10.94	1.12	-9.82	9.05	Pass
NVNT	ac20	5240	Ant2	-12.26	1.12	-11.14	9.05	Pass
NVNT	ac20	5240	Sum	-8.54	1.12	-7.42	9.05	Pass
NVNT	ac40	5190	Ant1	-17.77	1.76	-16.01	9.05	Pass
NVNT	ac40	5190	Ant2	-19.72	1.76	-17.96	9.05	Pass
NVNT	ac40	5190	Sum	-15.63	1.76	-13.87	9.05	Pass
NVNT	ac40	5230	Ant1	-19.28	1.25	-18.03	9.05	Pass
NVNT	ac40	5230	Ant2	-19.35	1.25	-18.1	9.05	Pass
NVNT	ac40	5230	Sum	-16.3	1.25	-15.05	9.05	Pass
NVNT	ac80	5210	Ant1	-21.94	1.71	-20.23	9.05	Pass
NVNT	ac80	5210	Ant2	-21.71	1.71	-20	9.05	Pass
NVNT	ac80	5210	Sum	-18.81	1.71	-17.1	9.05	Pass
NVNT	n20	5180	Ant1	-8.51	0.79	-7.72	9.05	Pass
NVNT	n20	5180	Ant2	-8.06	0.79	-7.27	9.05	Pass
NVNT	n20	5180	Sum	-5.27	0.79	-4.48	9.05	Pass
NVNT	n20	5200	Ant1	-8.59	0.79	-7.8	9.05	Pass
NVNT	n20	5200	Ant2	-7.89	0.79	-7.1	9.05	Pass
NVNT	n20	5200	Sum	-5.22	0.79	-4.43	9.05	Pass
NVNT	n20	5240	Ant1	-7.86	0.79	-7.07	9.05	Pass
NVNT	n20	5240	Ant2	-8.55	0.79	-7.76	9.05	Pass
NVNT	n20	5240	Sum	-5.18	0.79	-4.39	9.05	Pass
NVNT	n40	5190	Ant1	-16.62	1.18	-15.44	9.05	Pass
NVNT	n40	5190	Ant2	-16.1	1.18	-14.92	9.05	Pass
NVNT	n40	5190	Sum	-13.34	1.18	-12.16	9.05	Pass
NVNT	n40	5230	Ant1	-15.82	1.17	-14.65	9.05	Pass
NVNT	n40	5230	Ant2	-14.8	1.17	-13.63	9.05	Pass
NVNT	n40	5230	Sum	-12.27	1.17	-11.1	9.05	Pass

Test Graphs

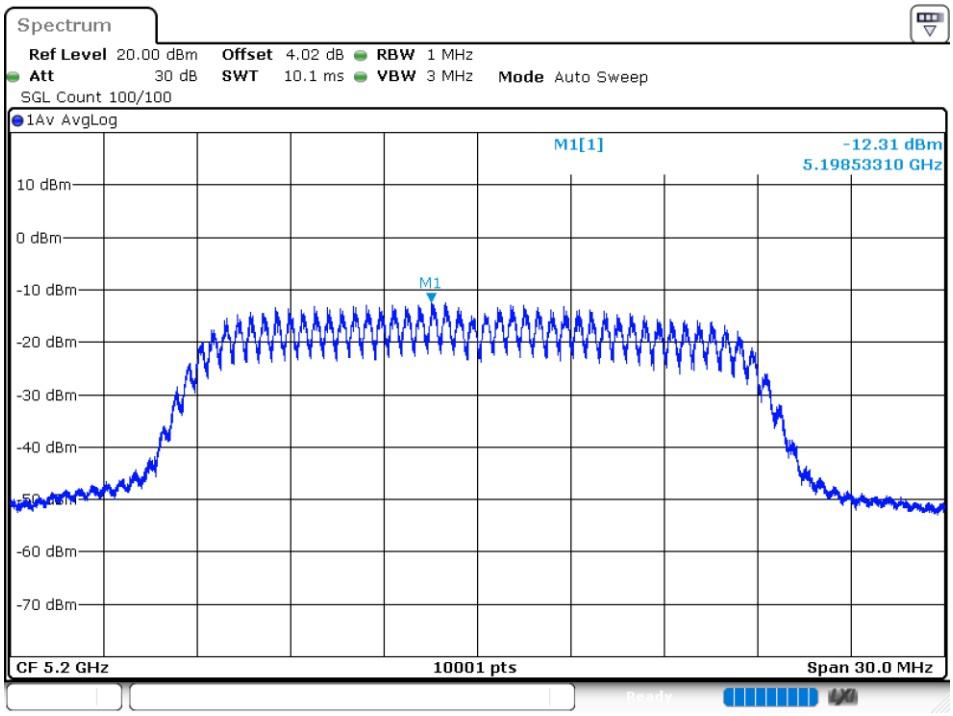
PSD NVNT ac20 5180MHz Ant1



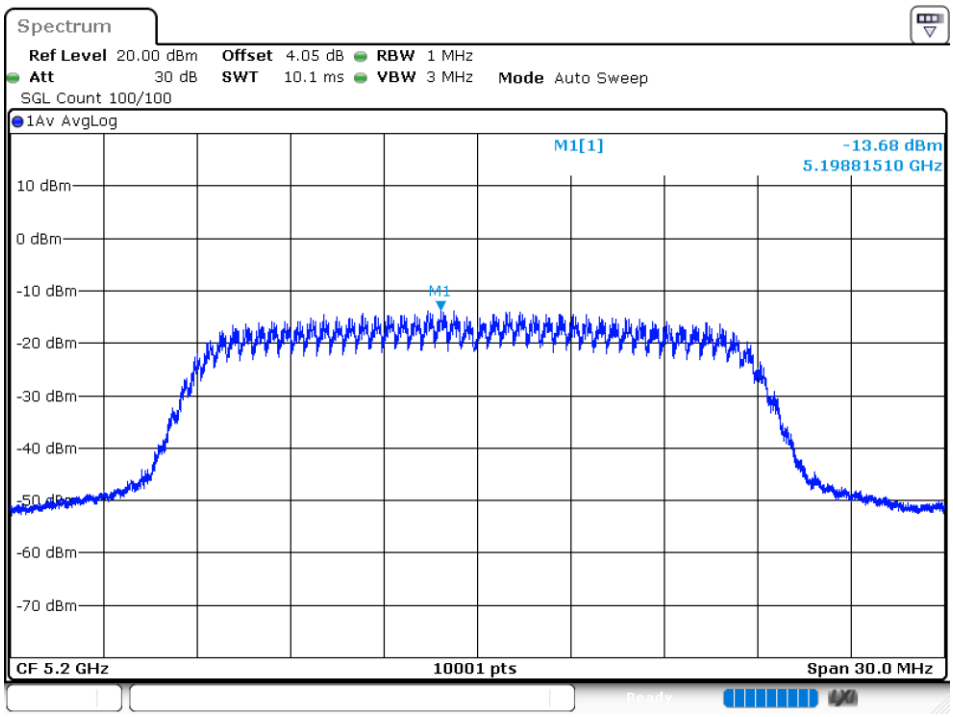
PSD NVNT ac20 5180MHz Ant2



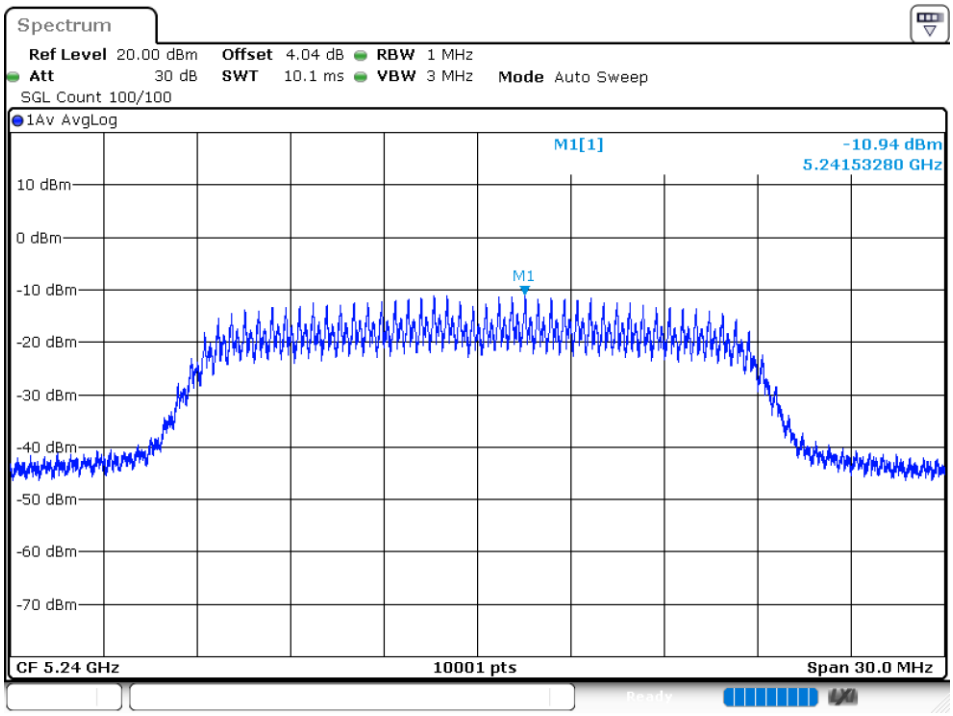
PSD NVNT ac20 5200MHz Ant1



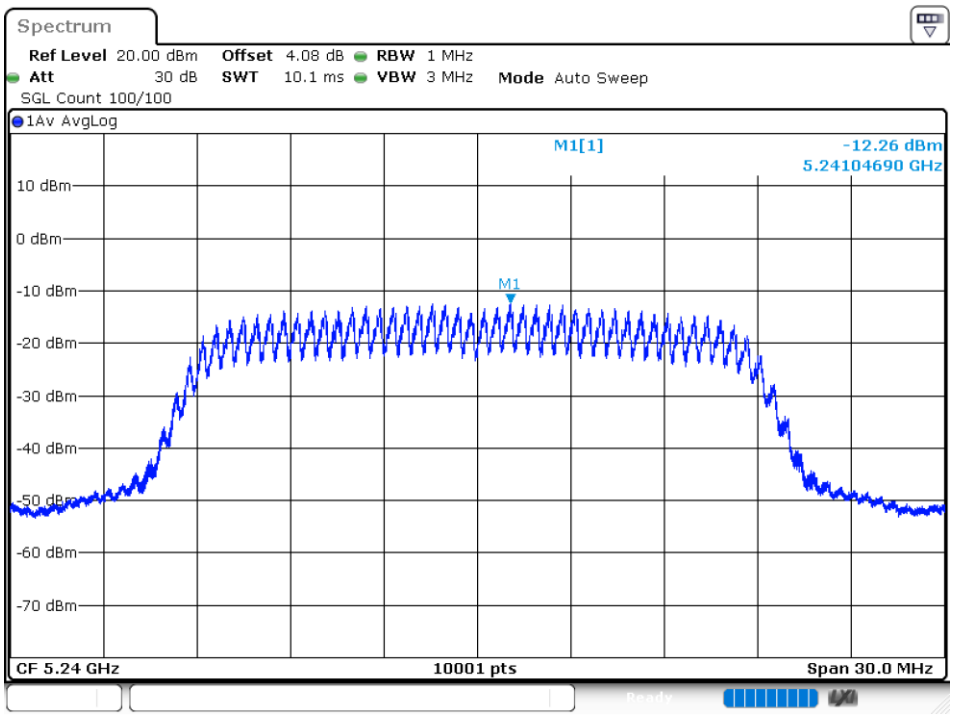
PSD NVNT ac20 5200MHz Ant2



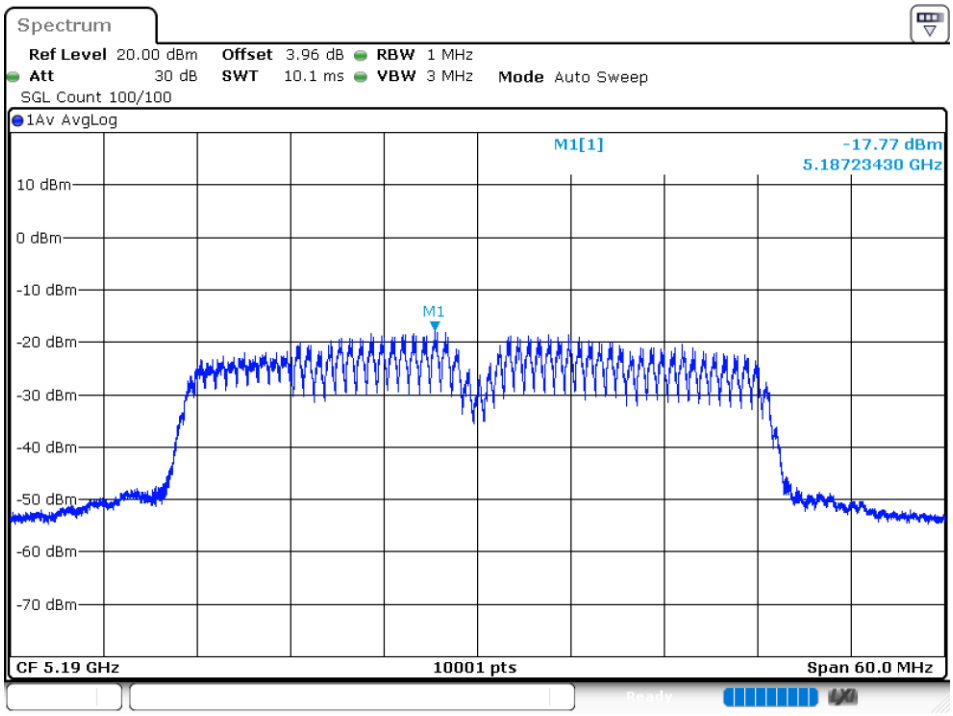
PSD NVNT ac20 5240MHz Ant1



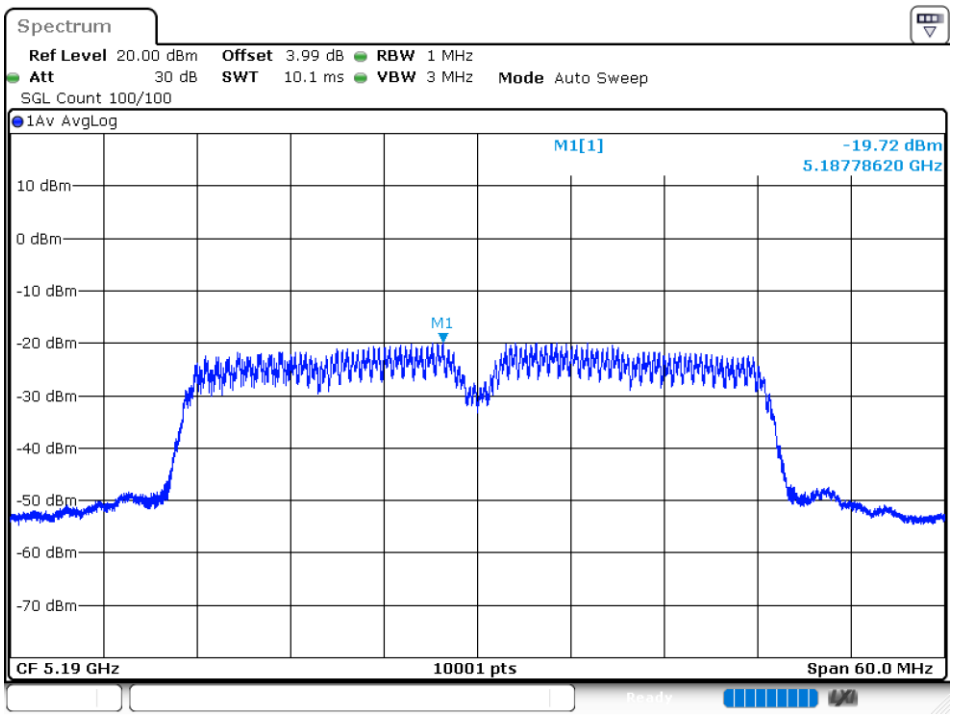
PSD NVNT ac20 5240MHz Ant2



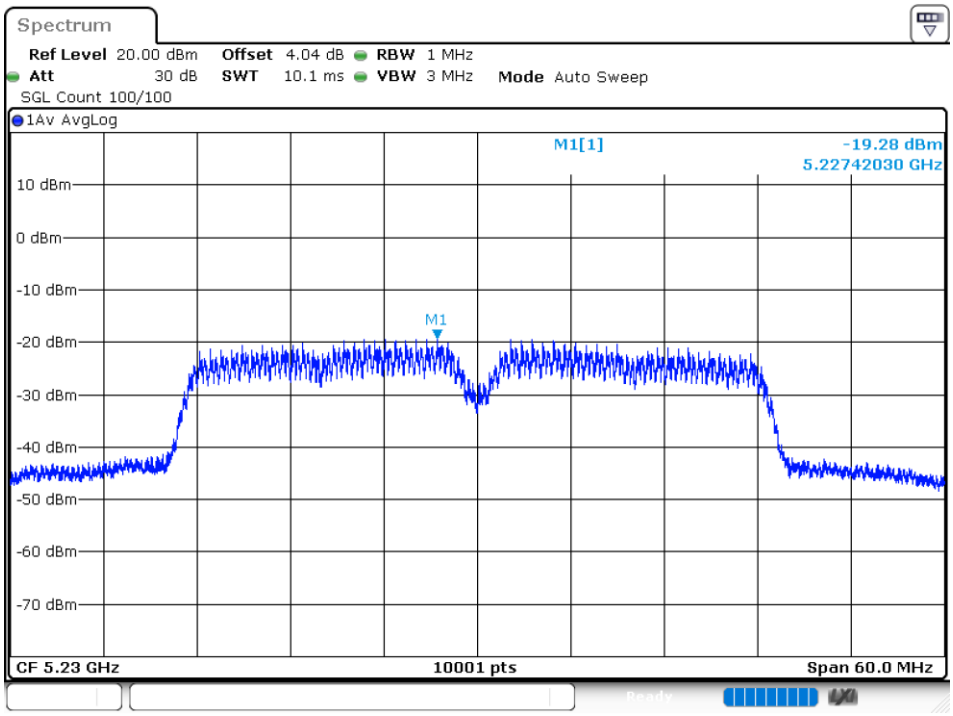
PSD NVNT ac40 5190MHz Ant1



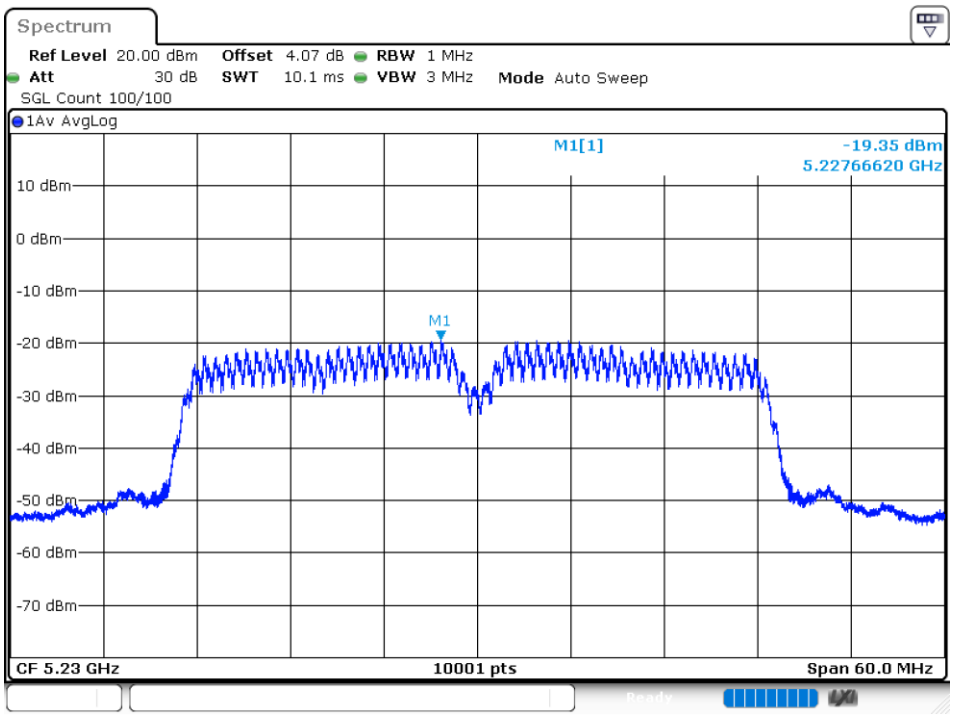
PSD NVNT ac40 5190MHz Ant2



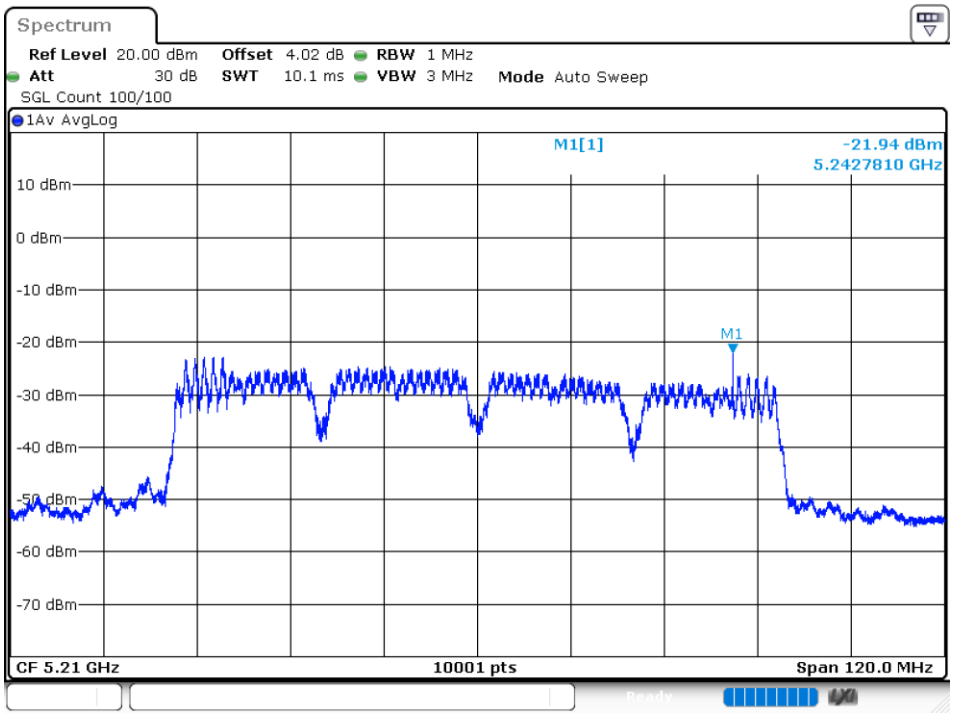
PSD NVNT ac40 5230MHz Ant1



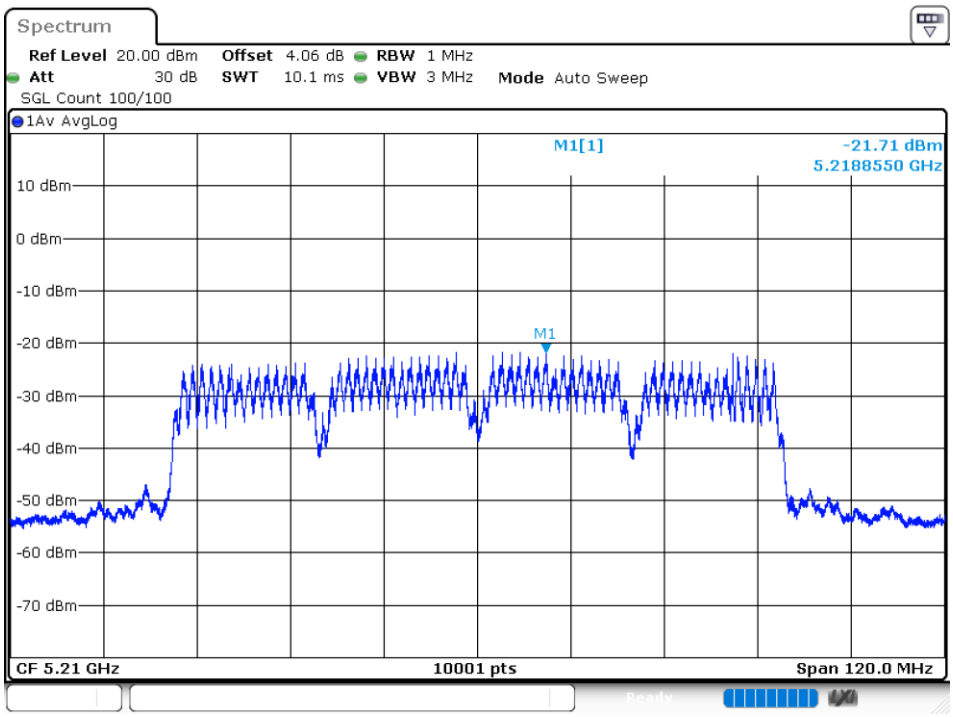
PSD NVNT ac40 5230MHz Ant2



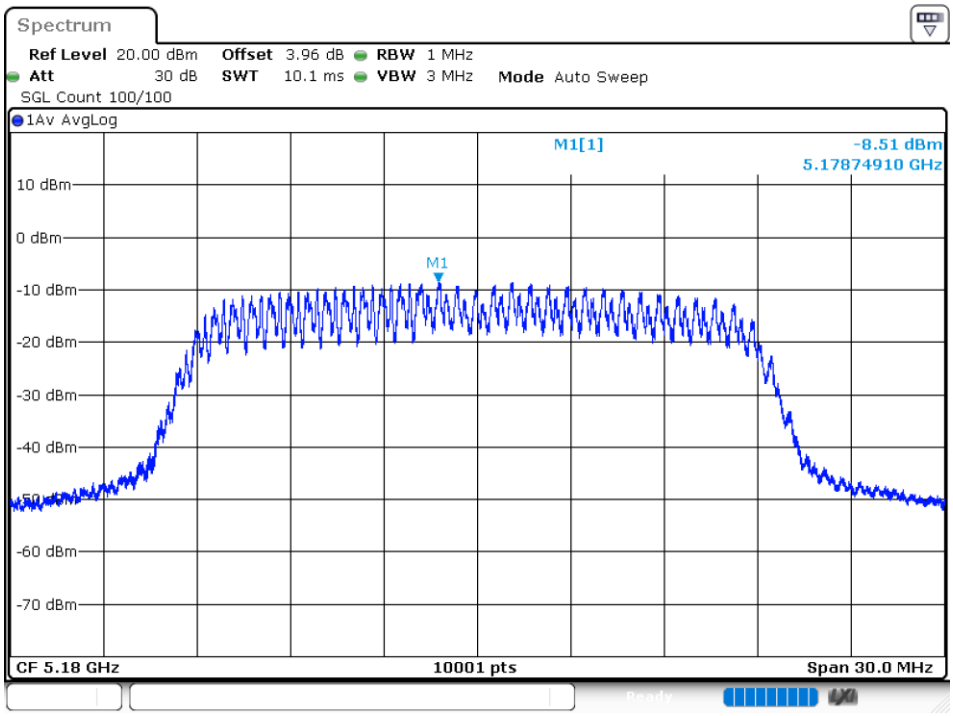
PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2



PSD NVNT n20 5180MHz Ant1



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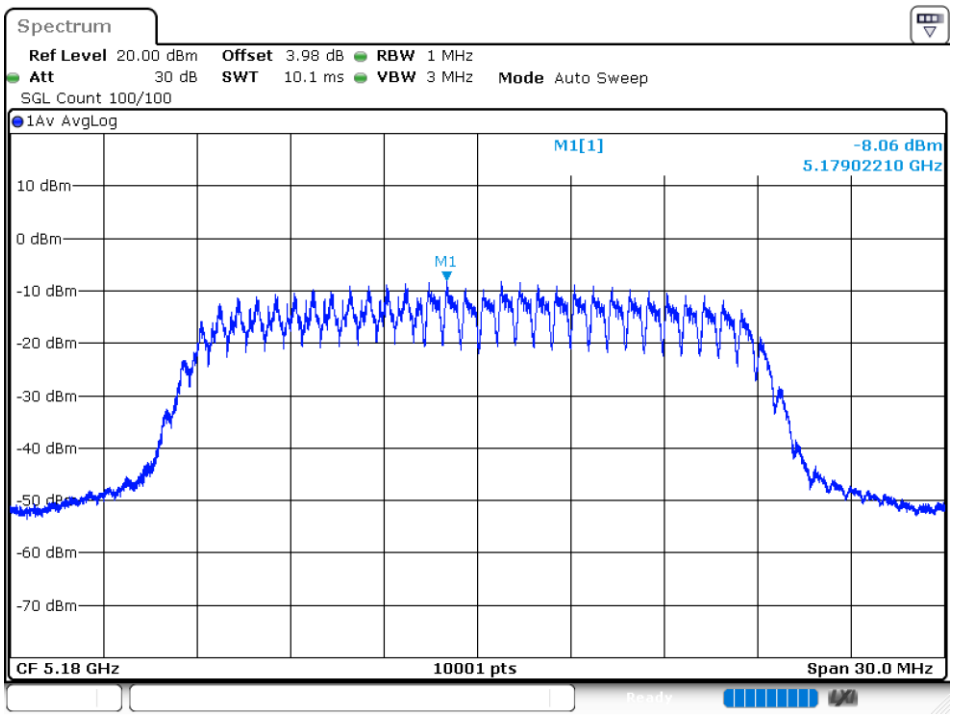
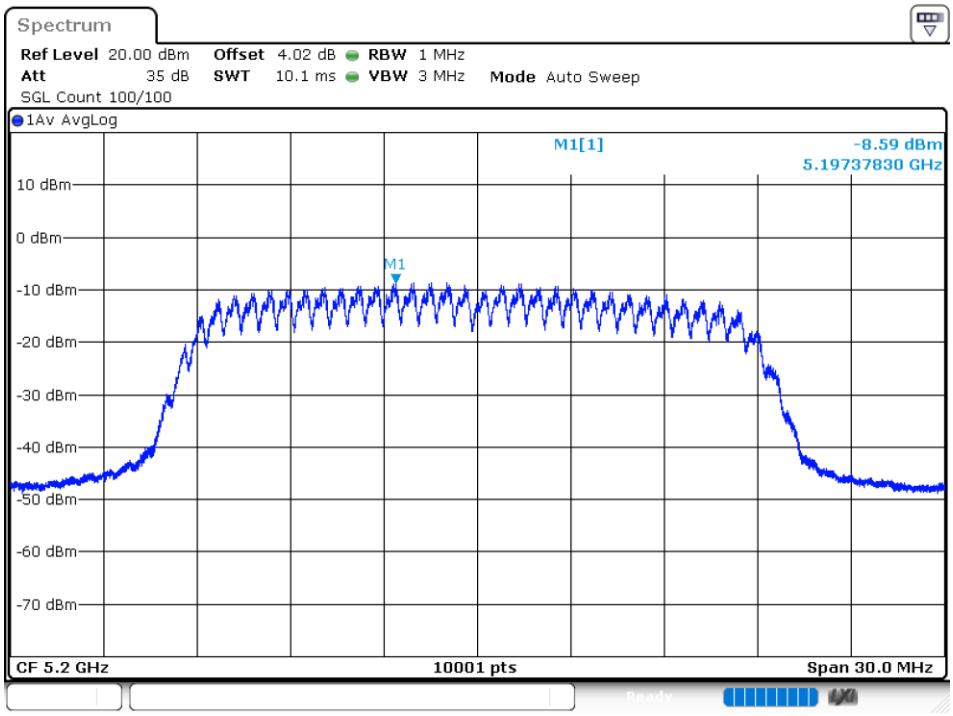
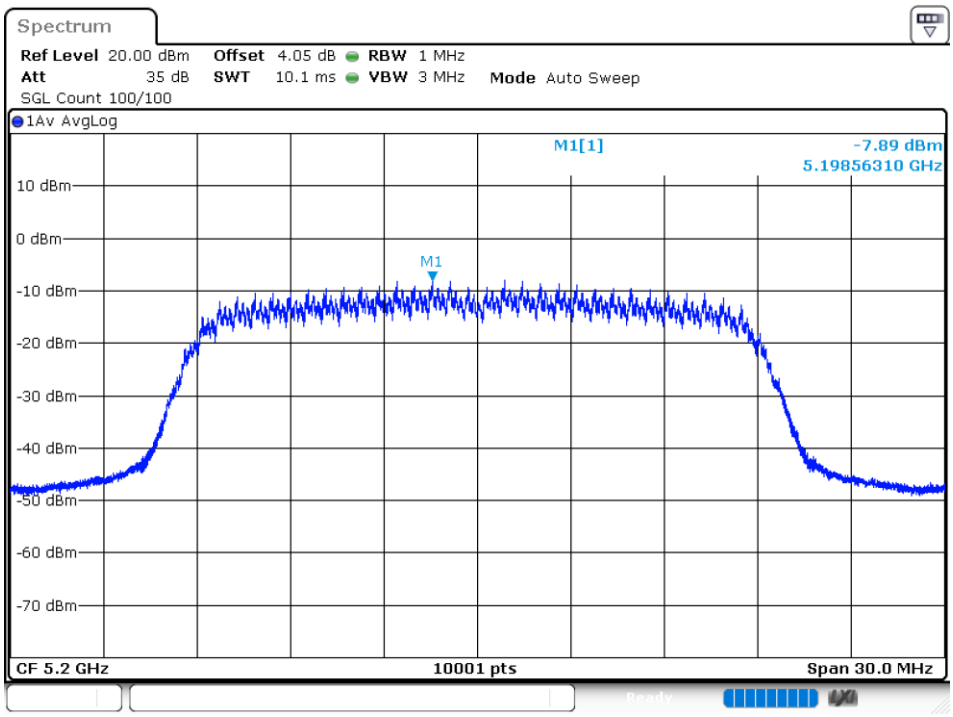


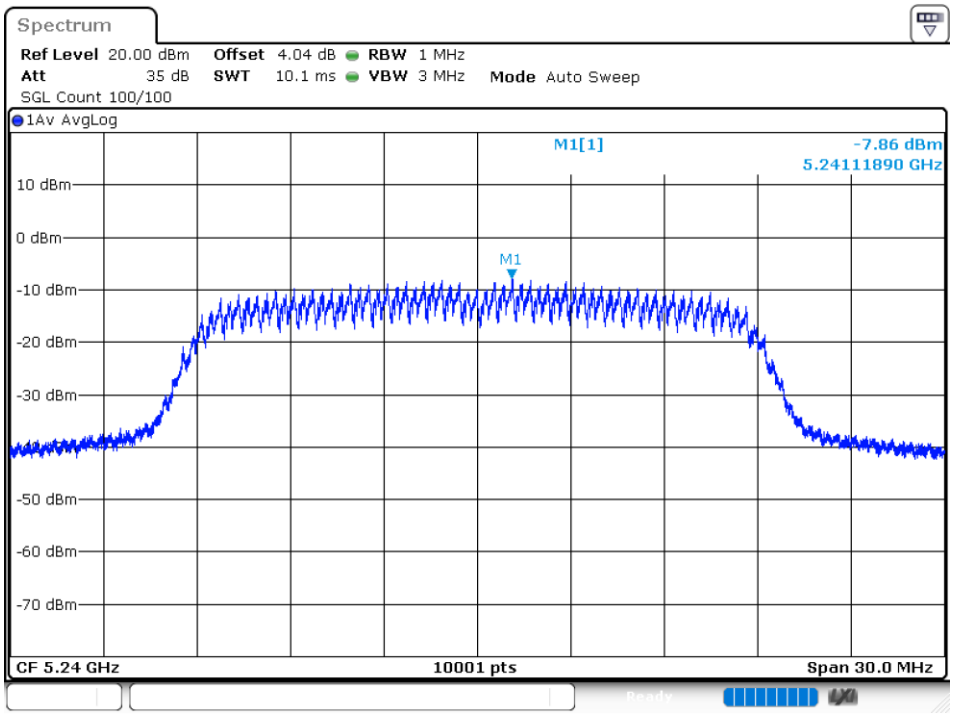
PSD NVNT n20 5200MHz Ant1



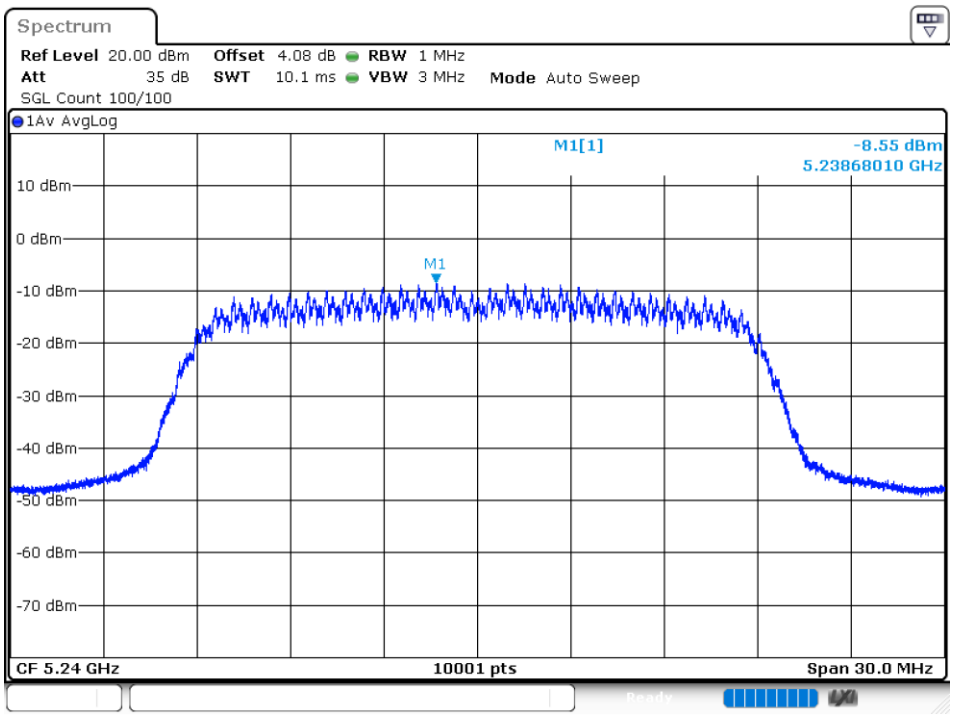
PSD NVNT n20 5200MHz Ant2



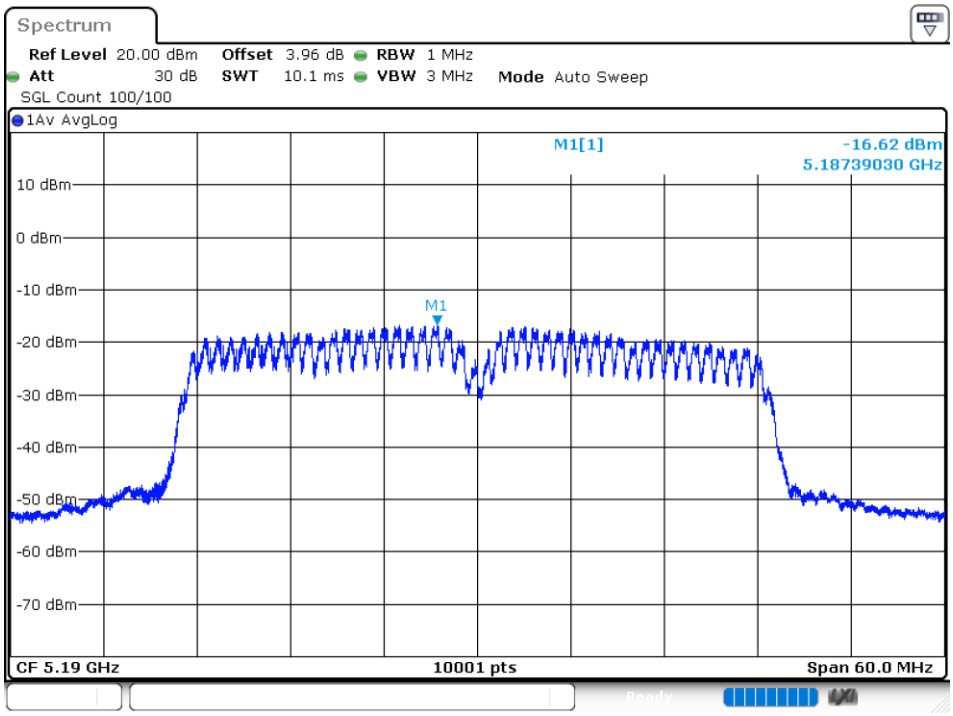
PSD NVNT n20 5240MHz Ant1



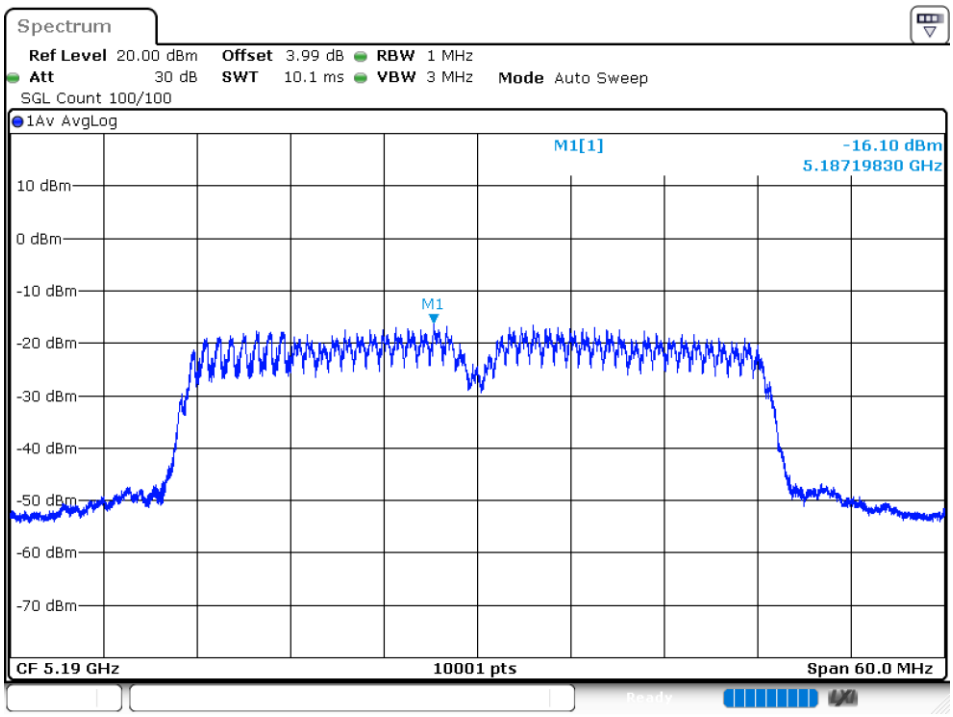
PSD NVNT n20 5240MHz Ant2



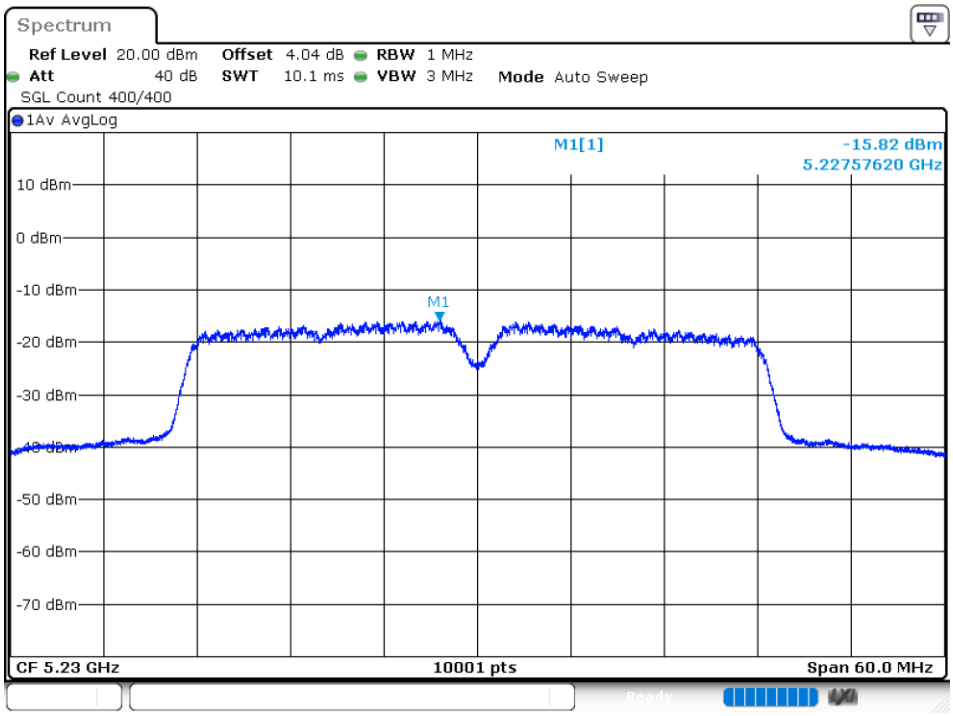
PSD NVNT n40 5190MHz Ant1



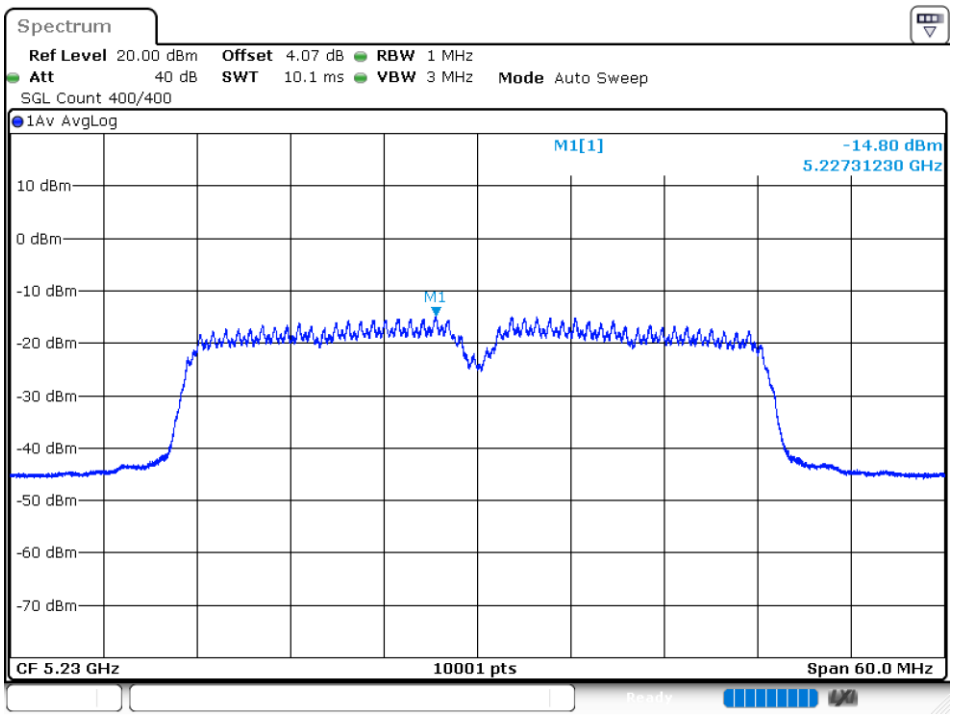
PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5230MHz Ant2



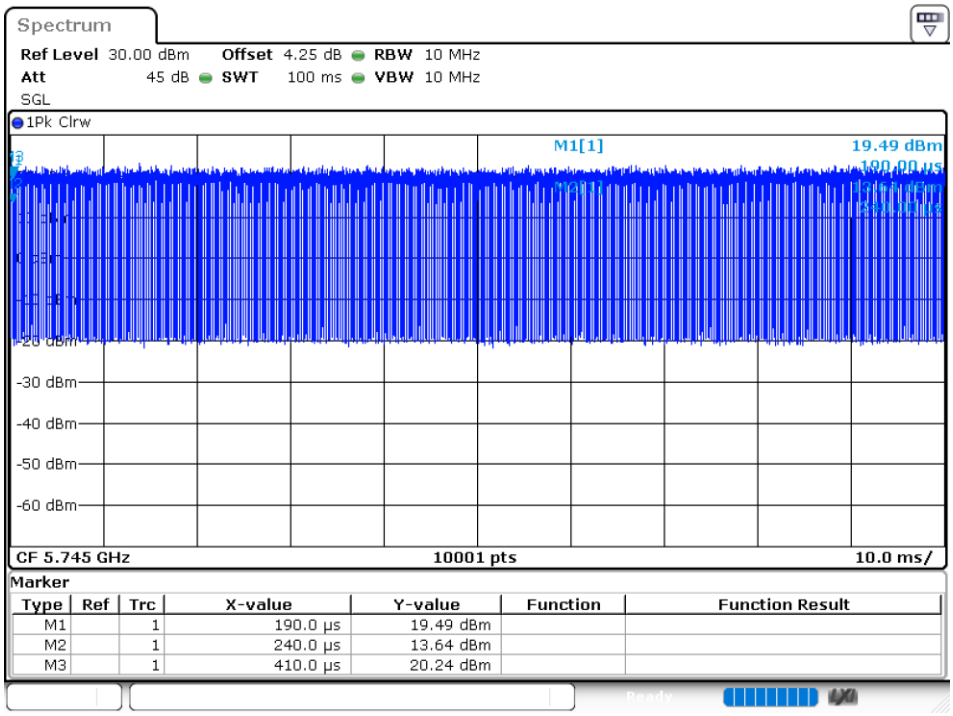
5.8G WIFI

Duty Cycle

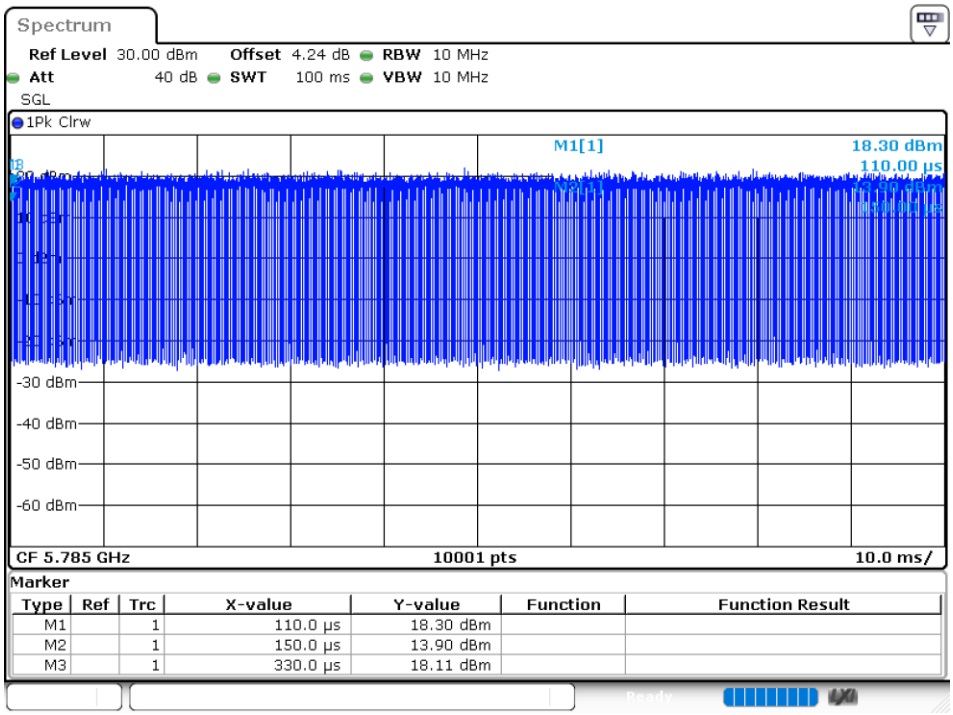
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	84.26	0.74	5.88
NVNT	a	5785	Ant1	84.17	0.75	5.56
NVNT	a	5825	Ant1	96.37	0.16	100
NVNT	a	5745	Ant2	85.34	0.69	5.56
NVNT	a	5785	Ant2	84.94	0.71	5.56
NVNT	a	5825	Ant2	84.77	0.72	5.56
NVNT	n20	5745	Ant1	83.32	0.79	6.25
NVNT	n20	5785	Ant1	83.3	0.79	5.88
NVNT	n20	5825	Ant1	96.48	0.16	2.7
NVNT	n20	5745	Ant2	84.64	0.72	5.88
NVNT	n20	5785	Ant2	84.52	0.73	5.88
NVNT	n20	5825	Ant2	84.43	0.73	6.25
NVNT	n40	5755	Ant1	91.9	0.37	8.33
NVNT	n40	5795	Ant1	93.91	0.27	8.33
NVNT	n40	5755	Ant2	77.83	1.09	9.09
NVNT	n40	5795	Ant2	77.03	1.13	10
NVNT	ac20	5745	Ant1	77.19	1.12	9.09
NVNT	ac20	5785	Ant1	77.15	1.13	10
NVNT	ac20	5825	Ant1	77.18	1.12	9.09
NVNT	ac20	5745	Ant2	78.75	1.04	9.09
NVNT	ac20	5785	Ant2	78.7	1.04	8.33
NVNT	ac20	5825	Ant2	78.39	1.06	9.09
NVNT	ac40	5755	Ant1	74.99	1.25	12.5
NVNT	ac40	5795	Ant1	74.98	1.25	12.5
NVNT	ac40	5755	Ant2	67.4	1.71	14.29
NVNT	ac40	5795	Ant2	66.64	1.76	14.29
NVNT	ac80	5775	Ant1	67.57	1.7	16.67
NVNT	ac80	5775	Ant2	68.35	1.65	16.67

Test Graphs

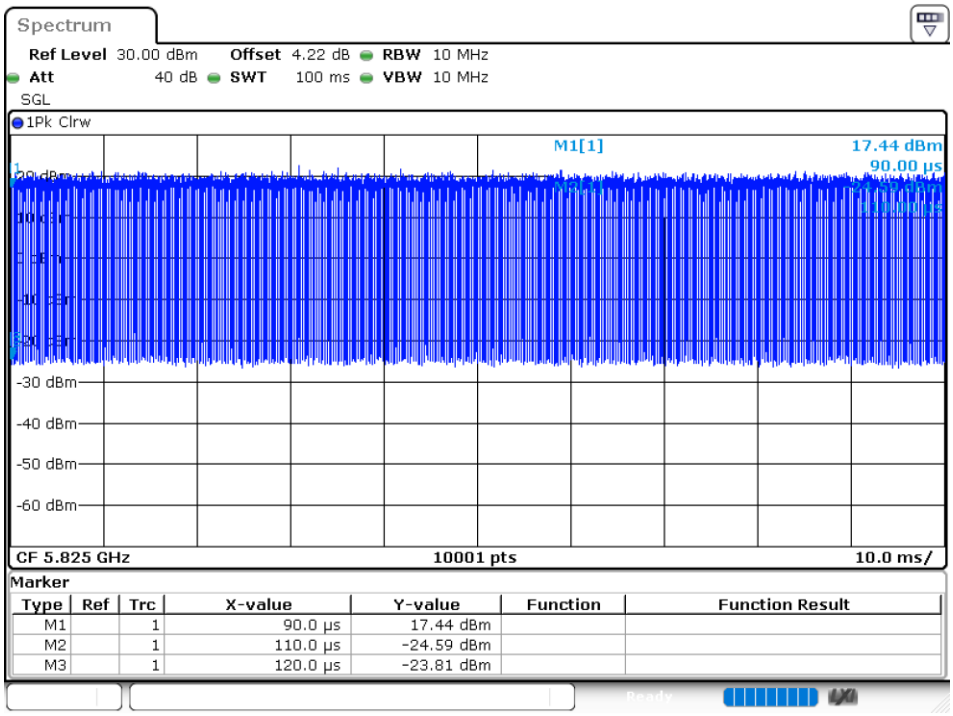
Duty Cycle NVNT a 5745MHz Ant1



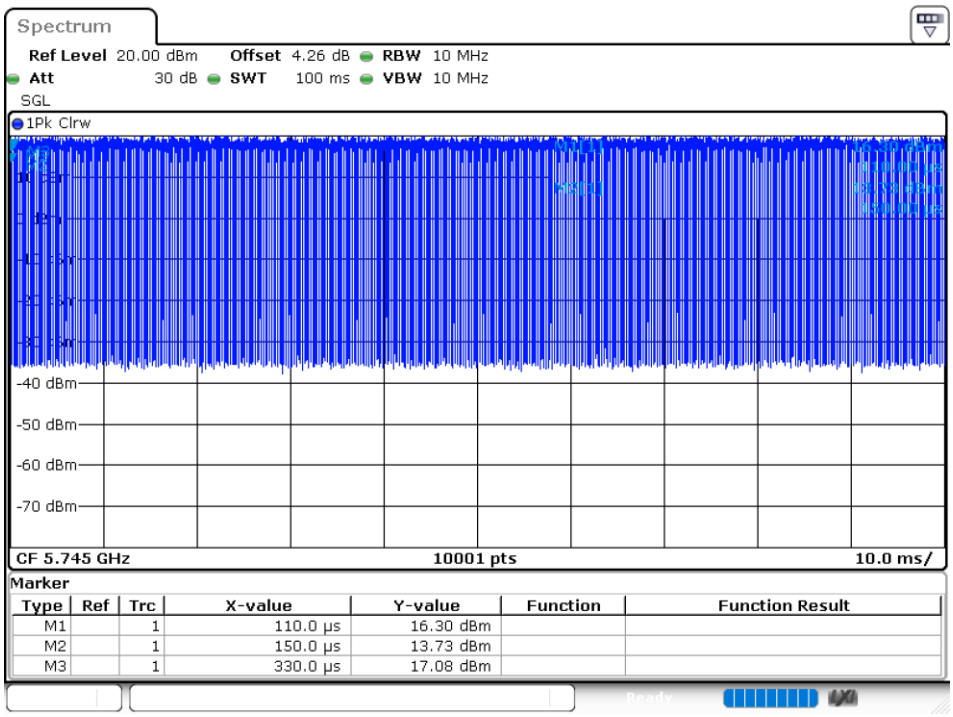
Duty Cycle NVNT a 5785MHz Ant1



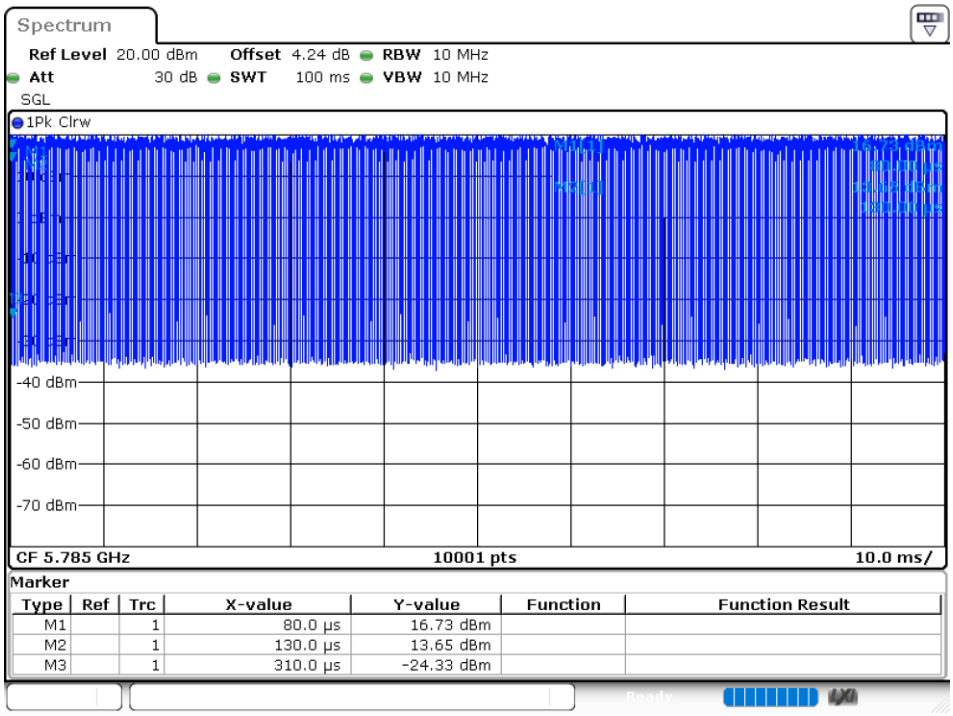
Duty Cycle NVNT a 5825MHz Ant1



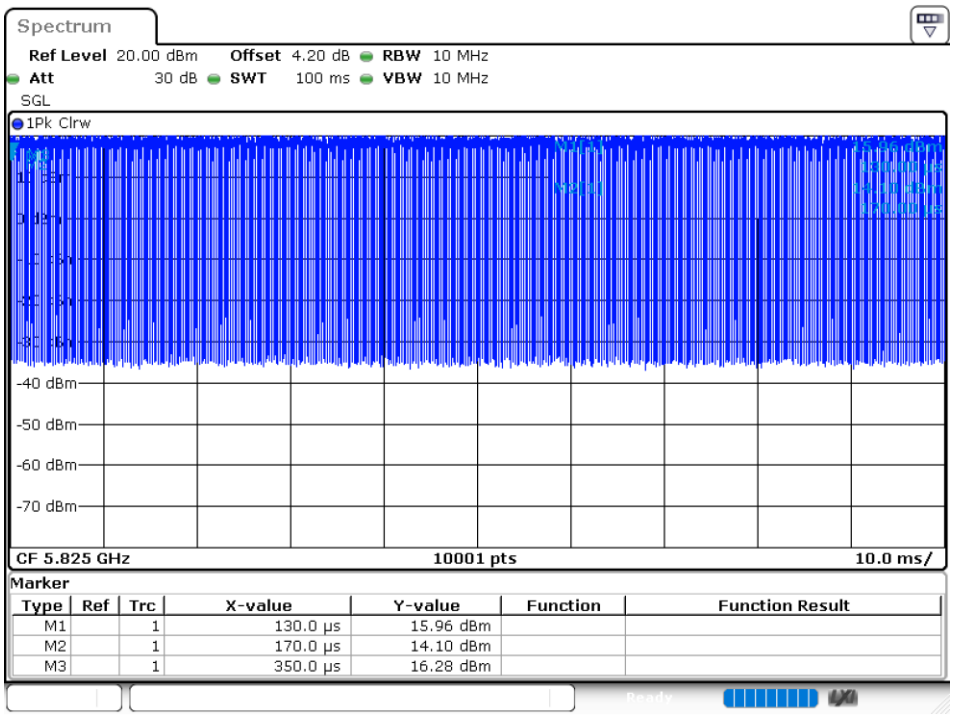
Duty Cycle NVNT a 5745MHz Ant2



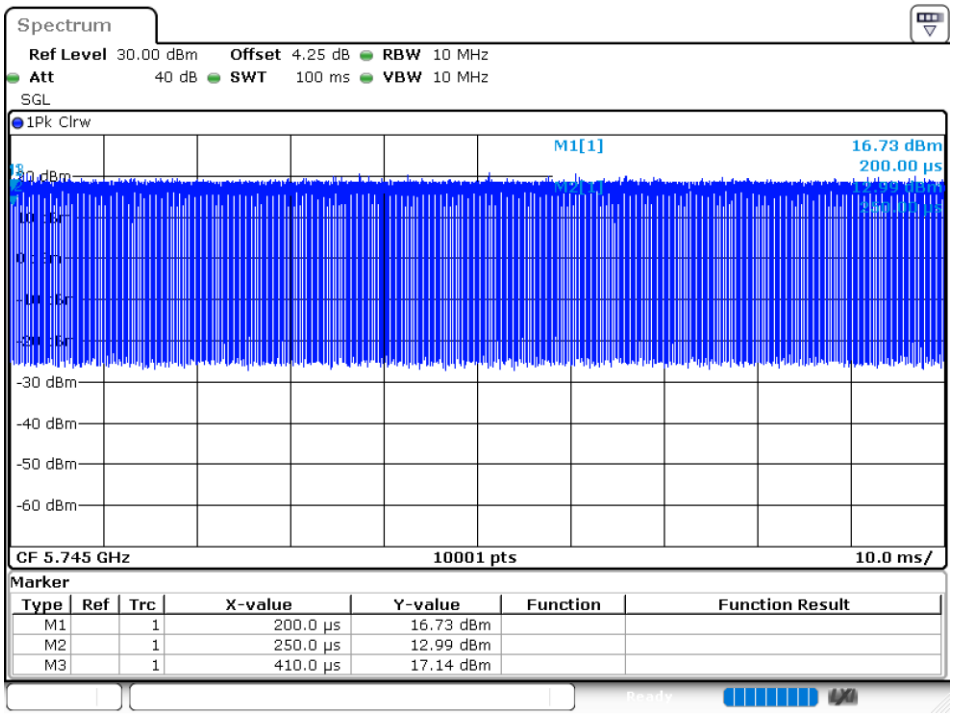
Duty Cycle NVNT a 5785MHz Ant2



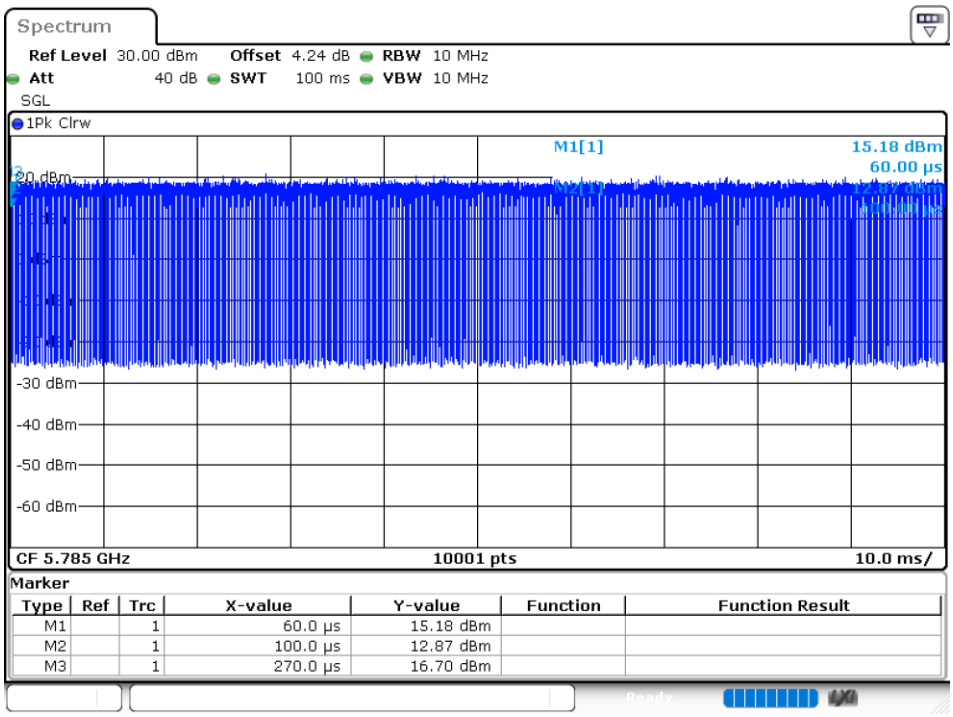
Duty Cycle NVNT a 5825MHz Ant2



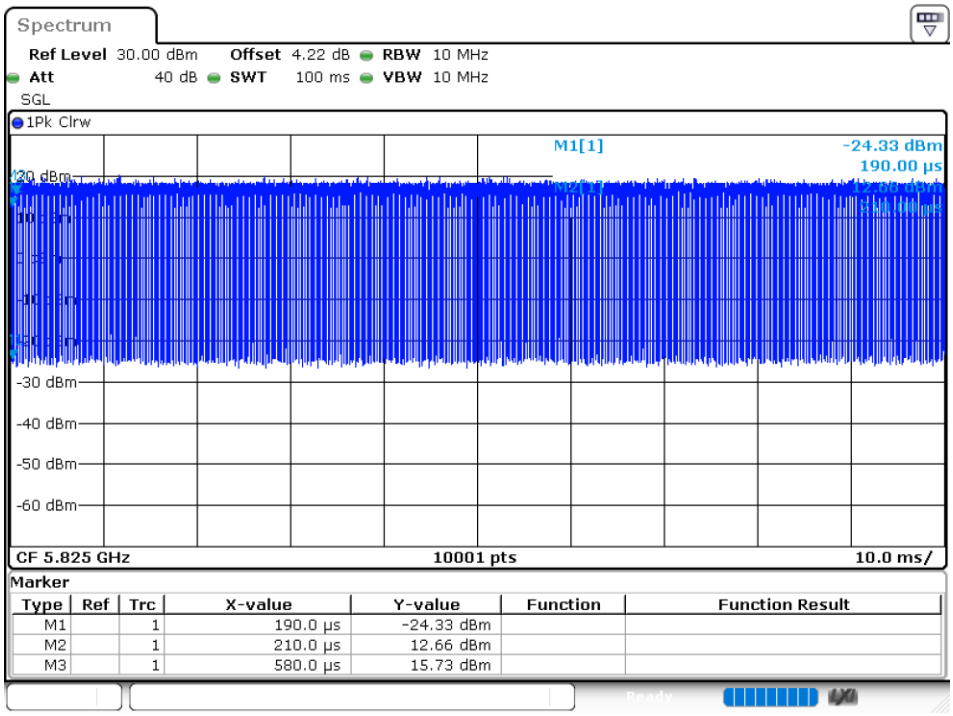
Duty Cycle NVNT n20 5745MHz Ant1



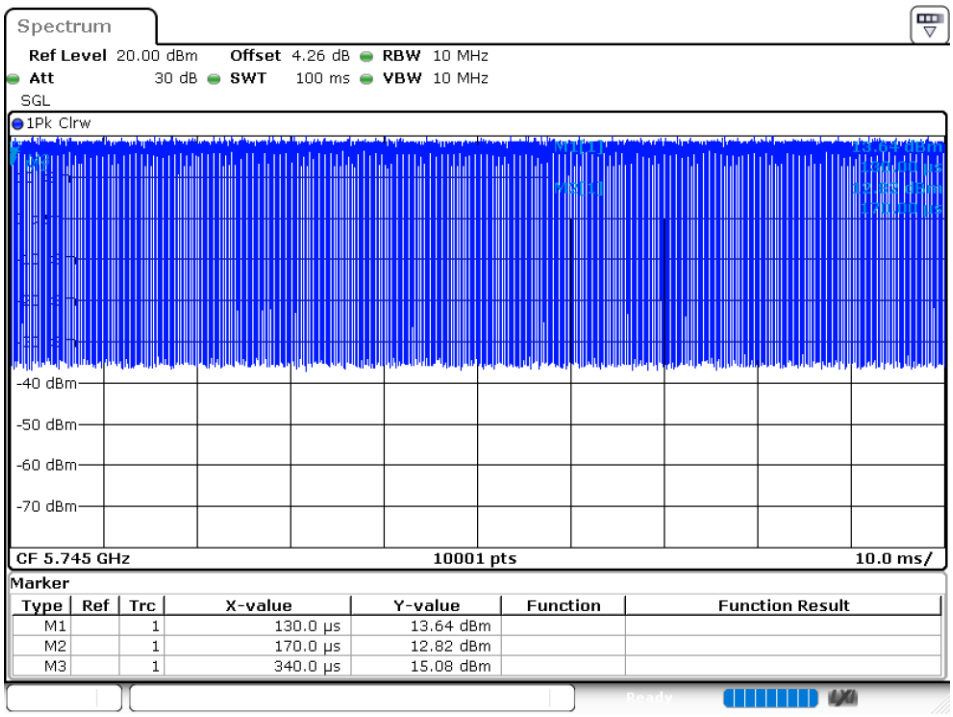
Duty Cycle NVNT n20 5785MHz Ant1



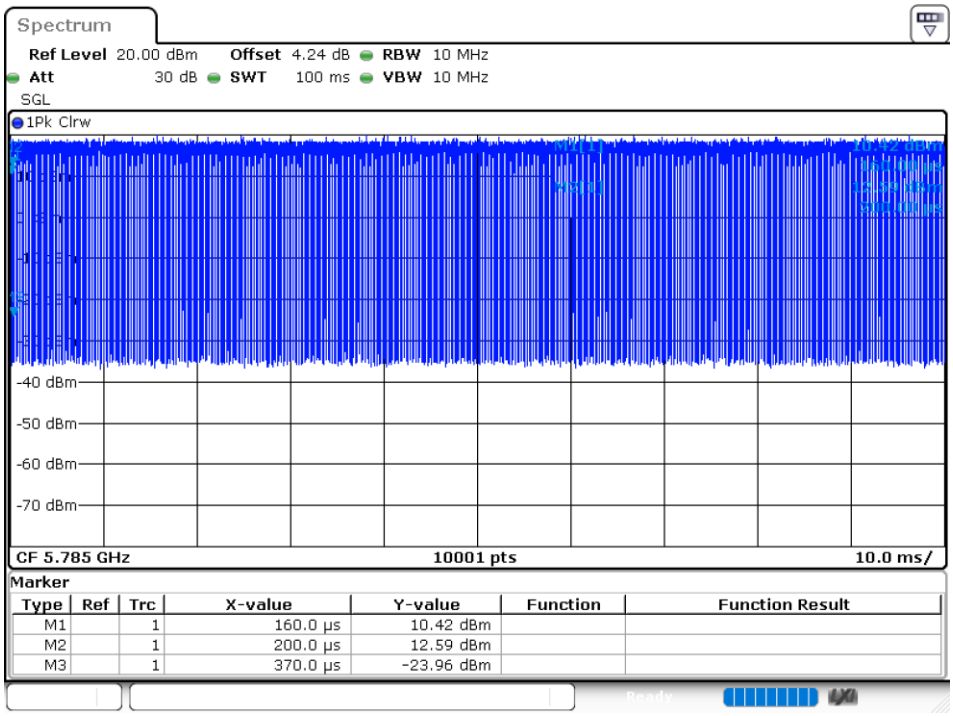
Duty Cycle NVNT n20 5825MHz Ant1



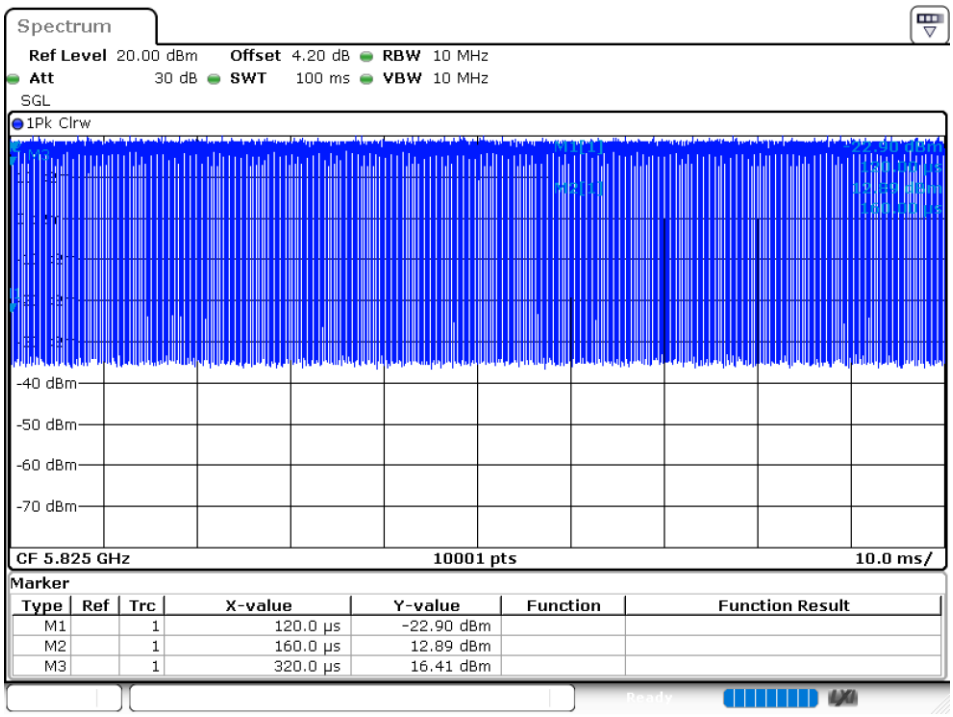
Duty Cycle NVNT n20 5745MHz Ant2



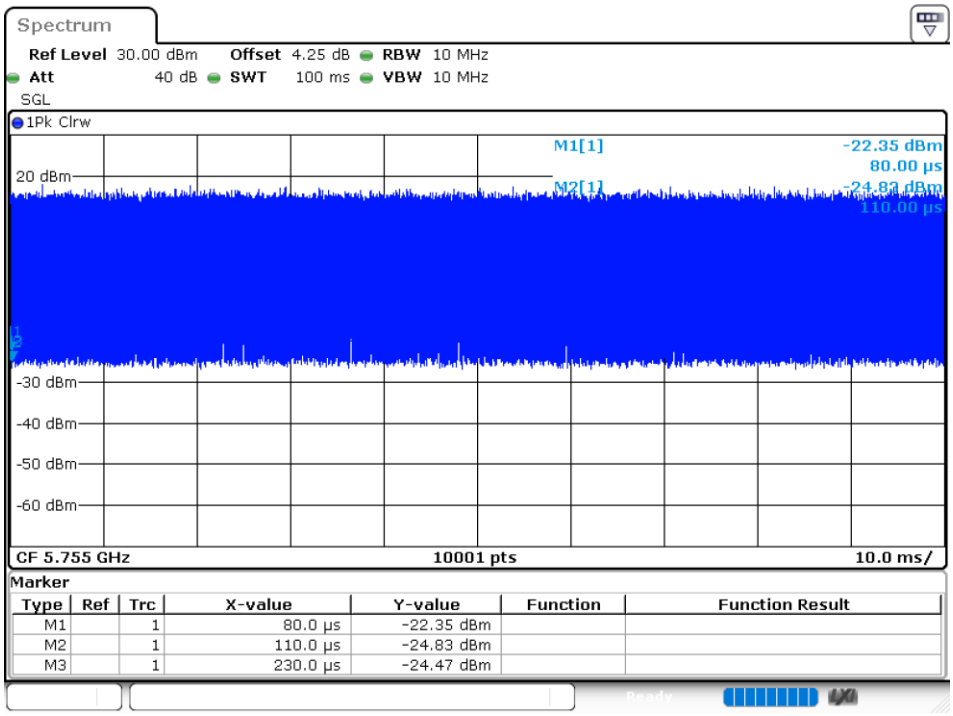
Duty Cycle NVNT n20 5785MHz Ant2



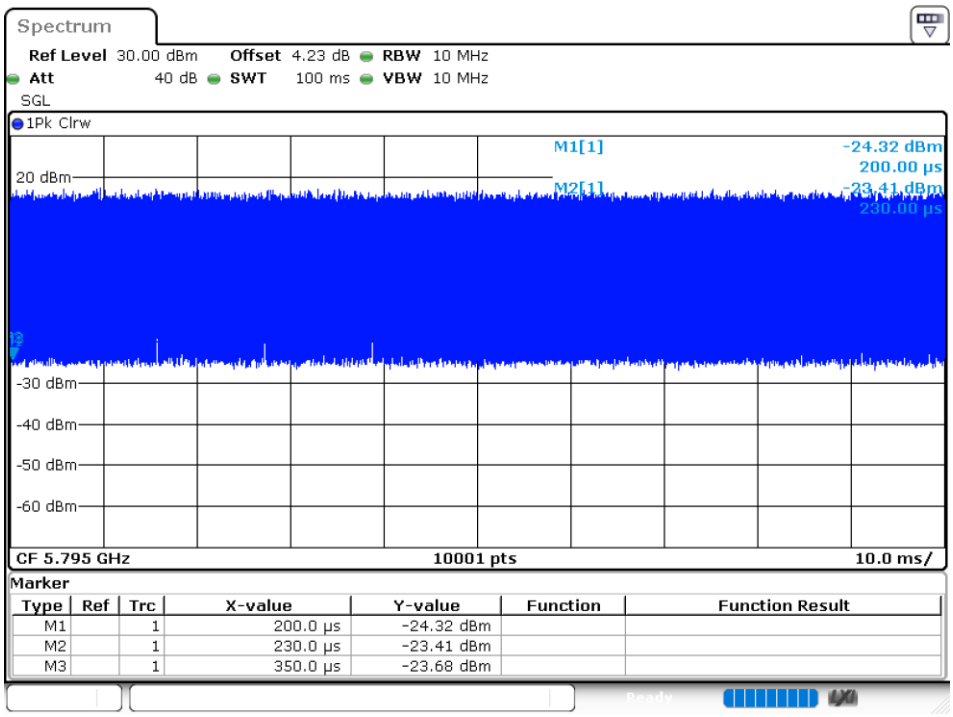
Duty Cycle NVNT n20 5825MHz Ant2



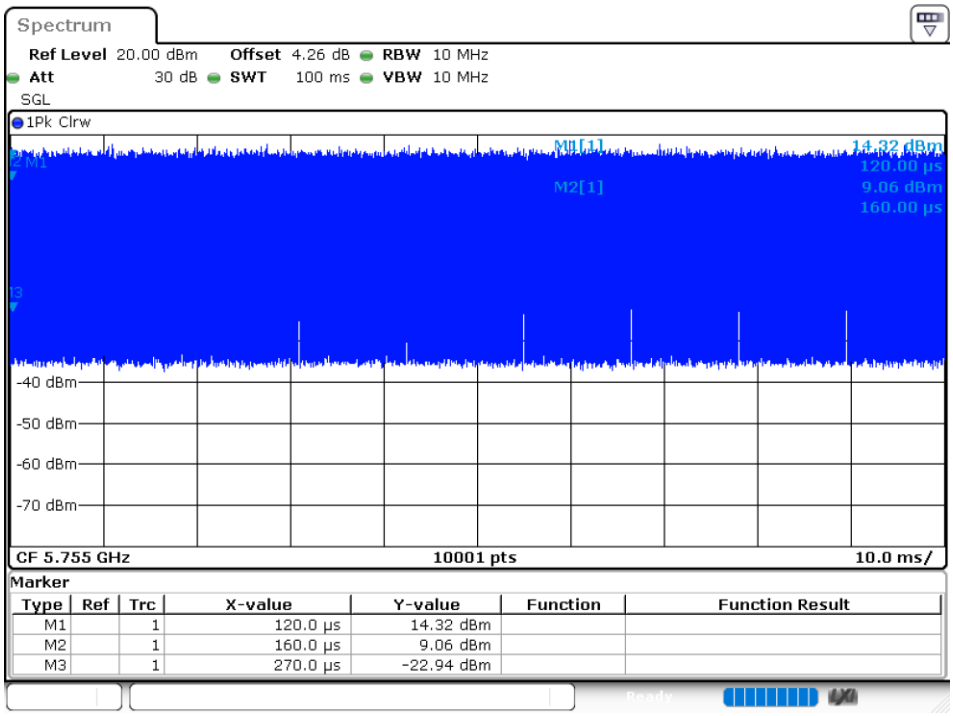
Duty Cycle NVNT n40 5755MHz Ant1



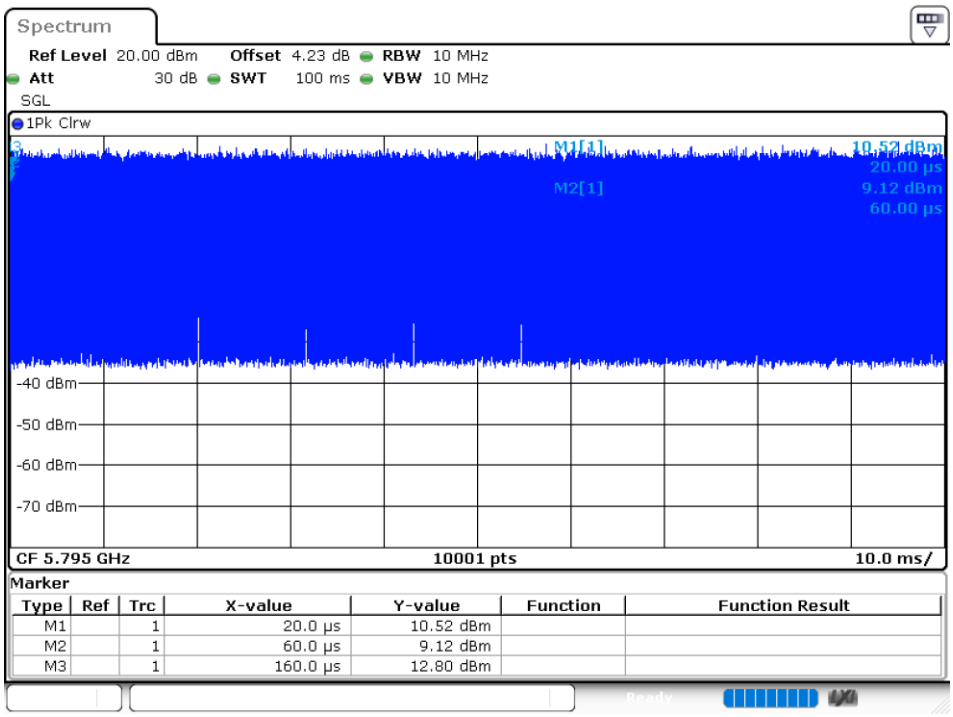
Duty Cycle NVNT n40 5795MHz Ant1



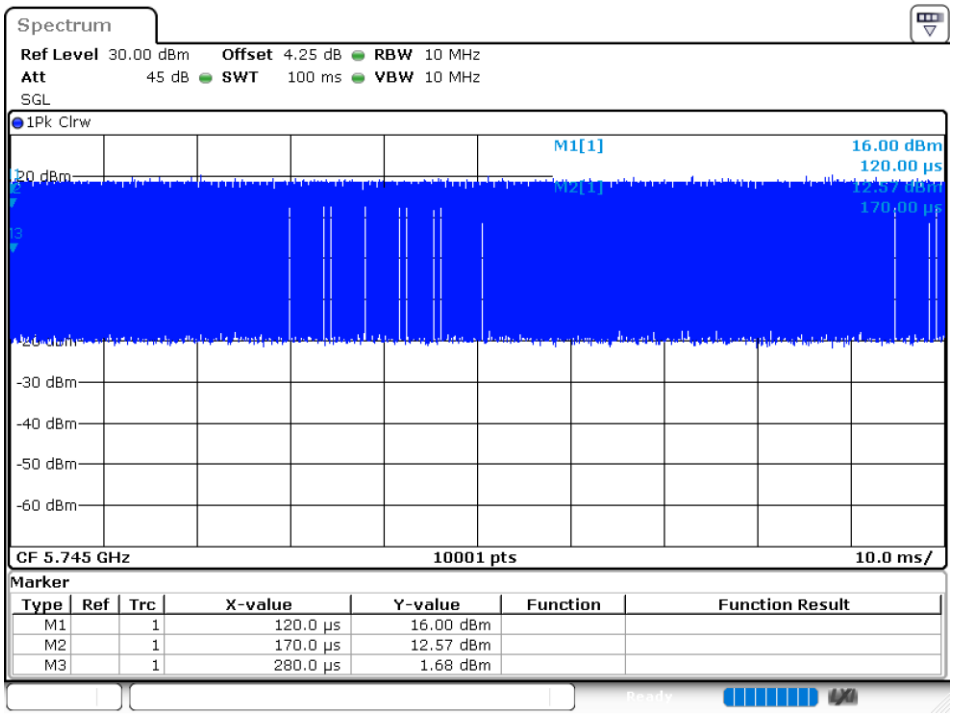
Duty Cycle NVNT n40 5755MHz Ant2



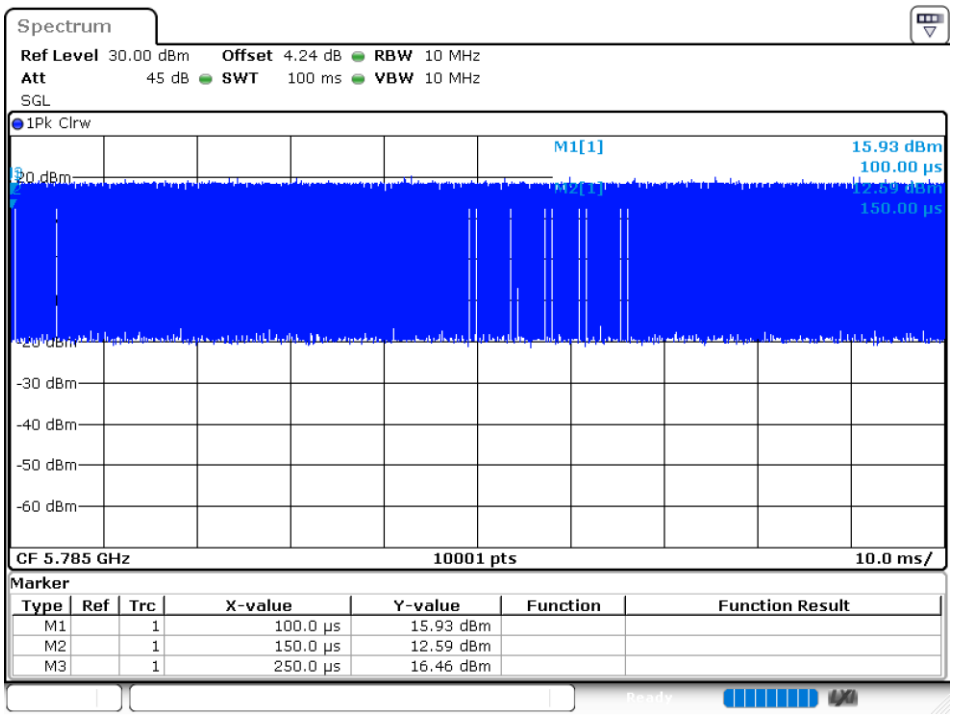
Duty Cycle NVNT n40 5795MHz Ant2



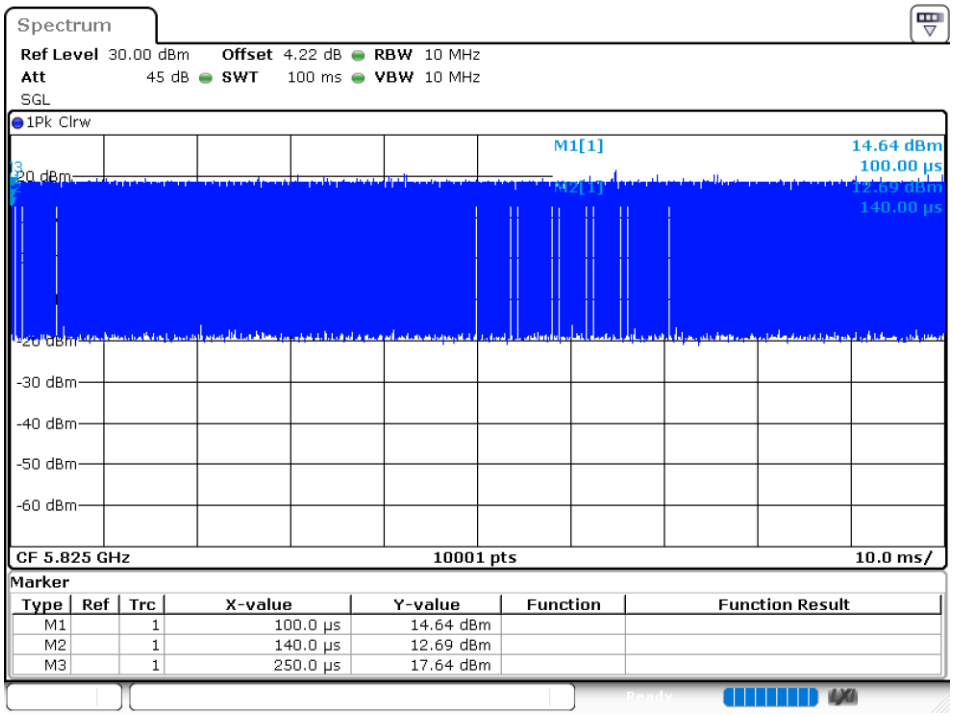
Duty Cycle NVNT ac20 5745MHz Ant1



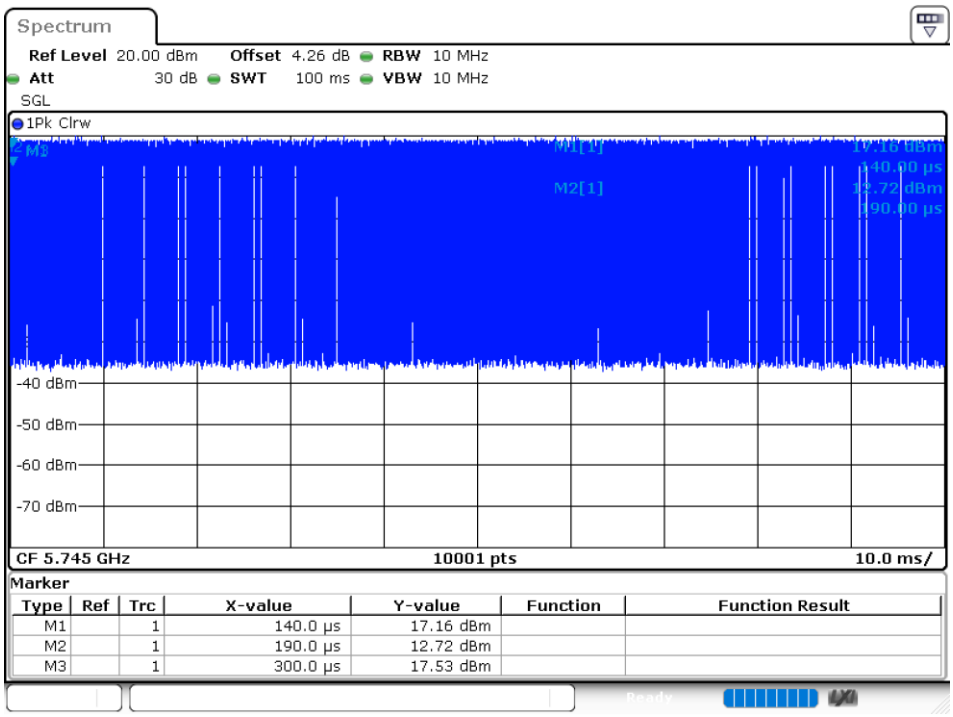
Duty Cycle NVNT ac20 5785MHz Ant1



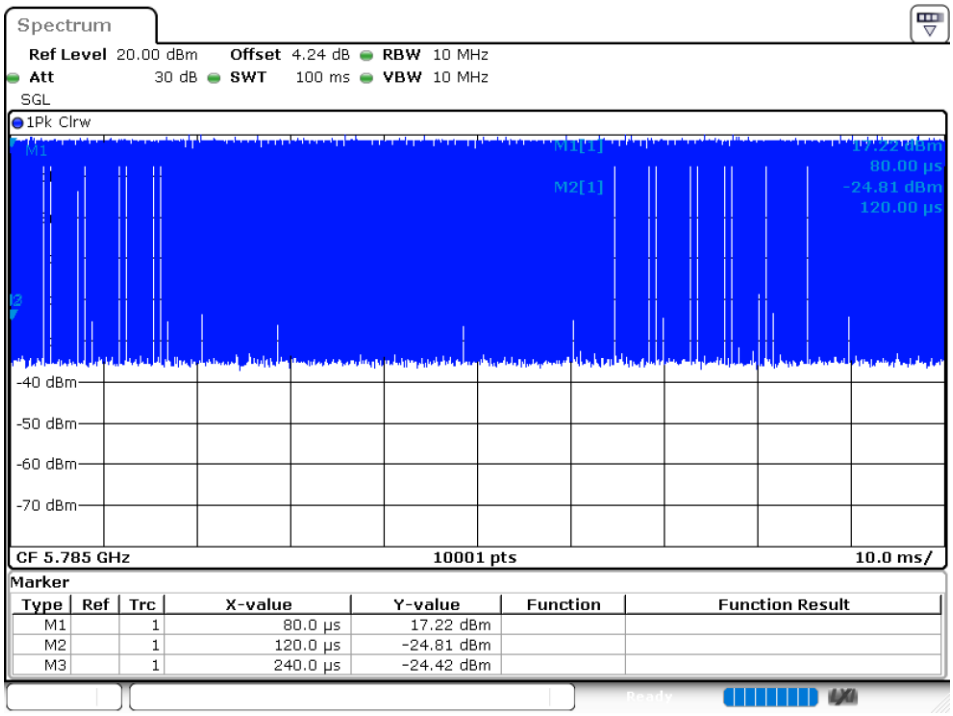
Duty Cycle NVNT ac20 5825MHz Ant1



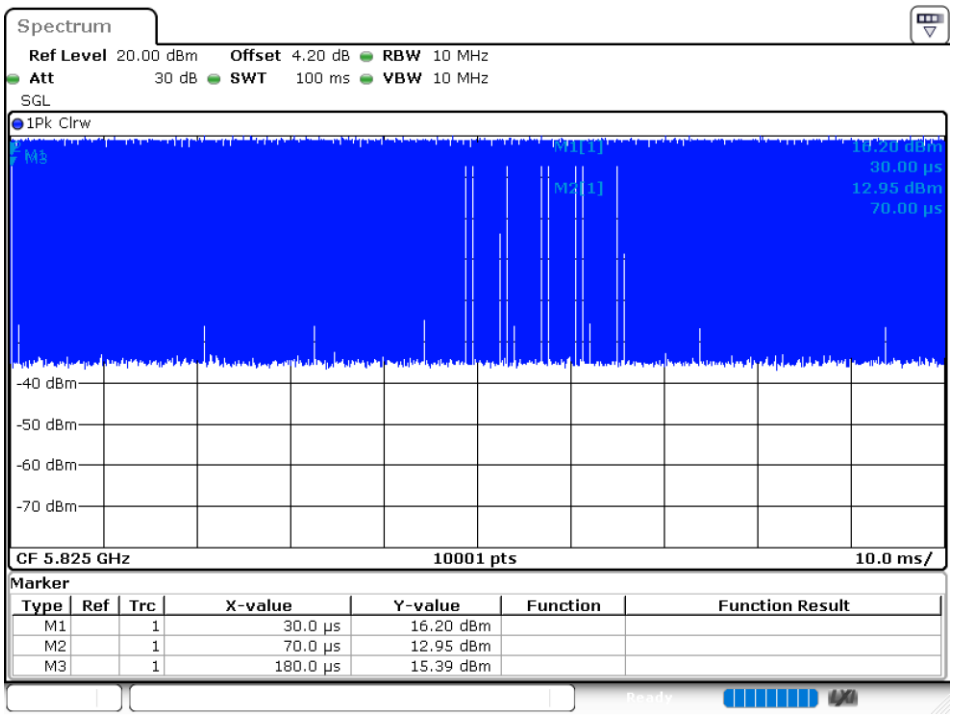
Duty Cycle NVNT ac20 5745MHz Ant2



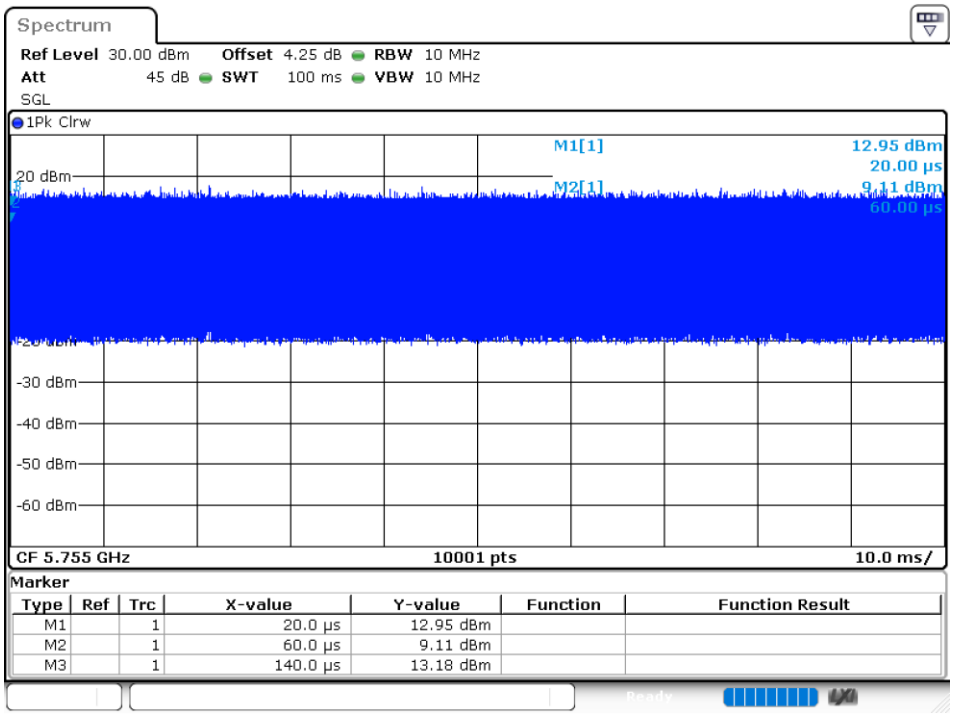
Duty Cycle NVNT ac20 5785MHz Ant2



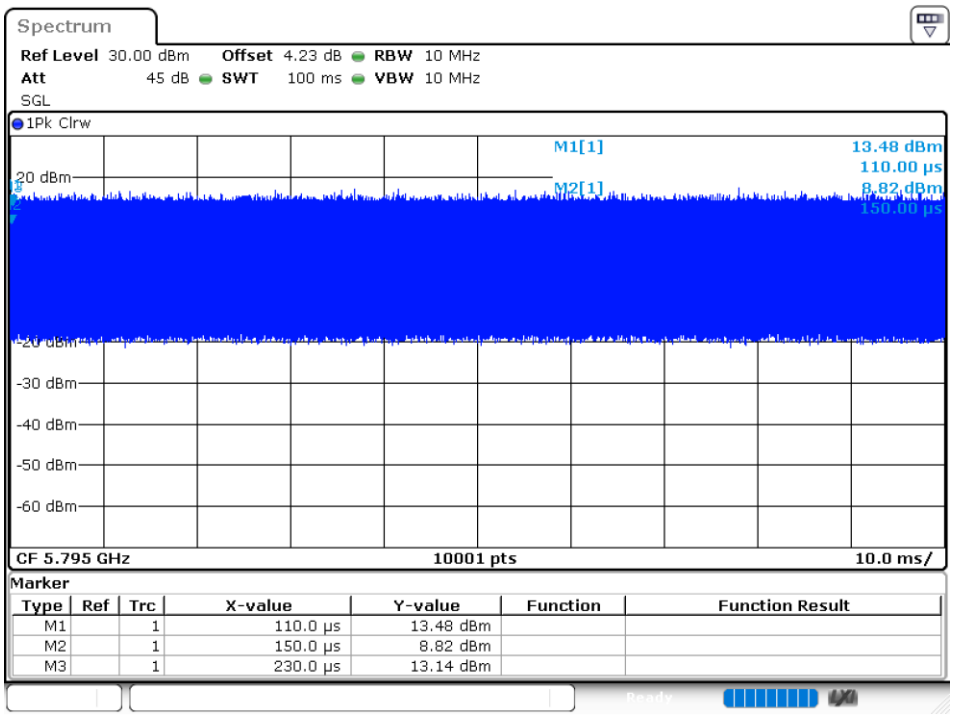
Duty Cycle NVNT ac20 5825MHz Ant2



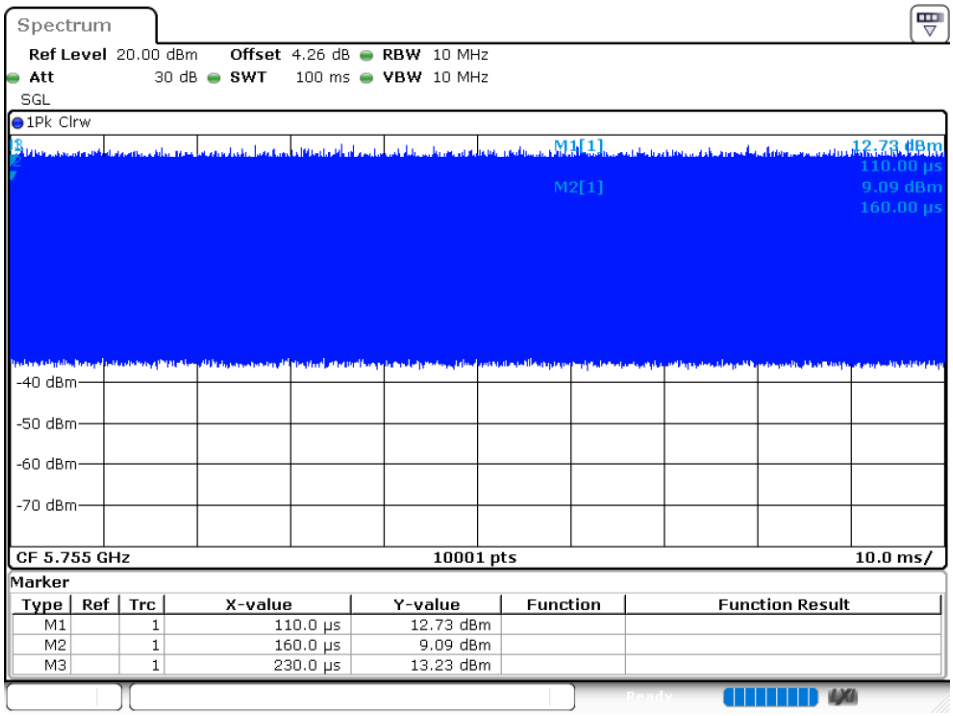
Duty Cycle NVNT ac40 5755MHz Ant1



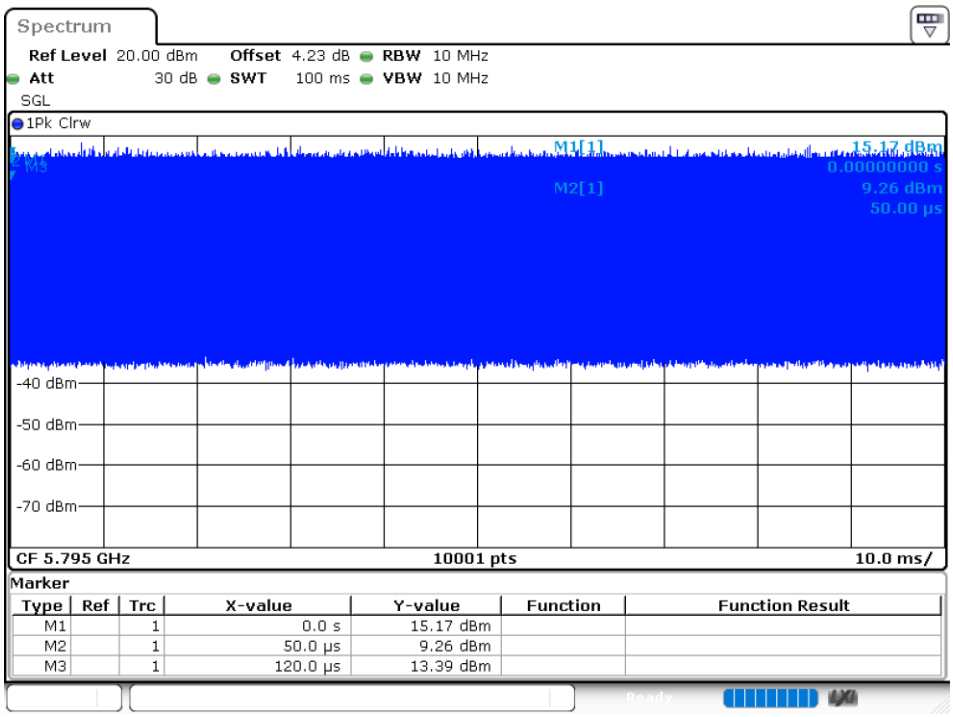
Duty Cycle NVNT ac40 5795MHz Ant1



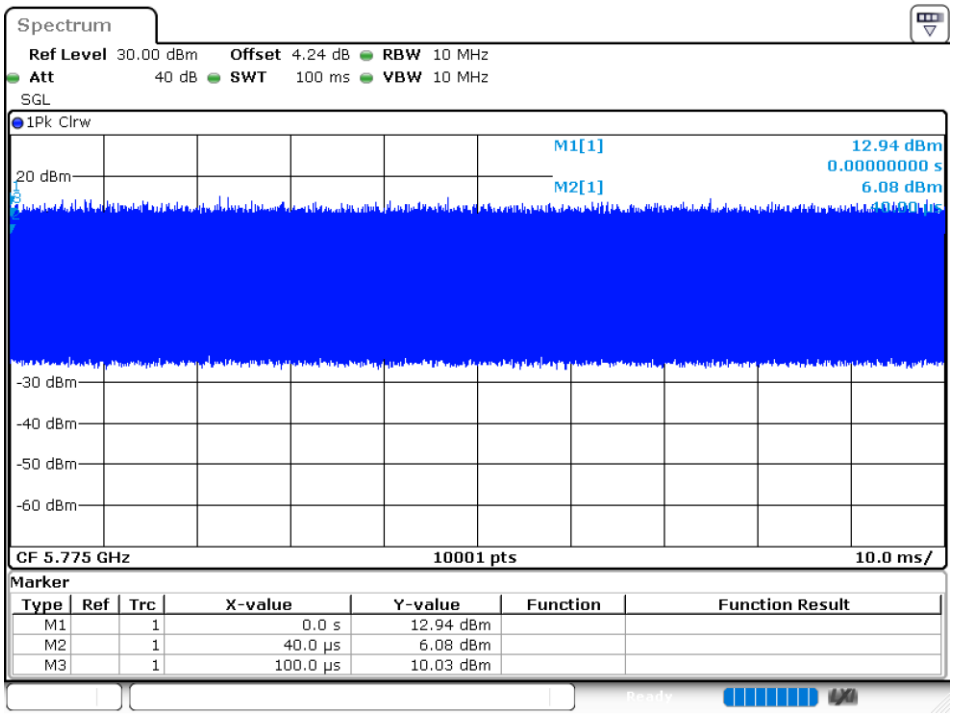
Duty Cycle NVNT ac40 5755MHz Ant2



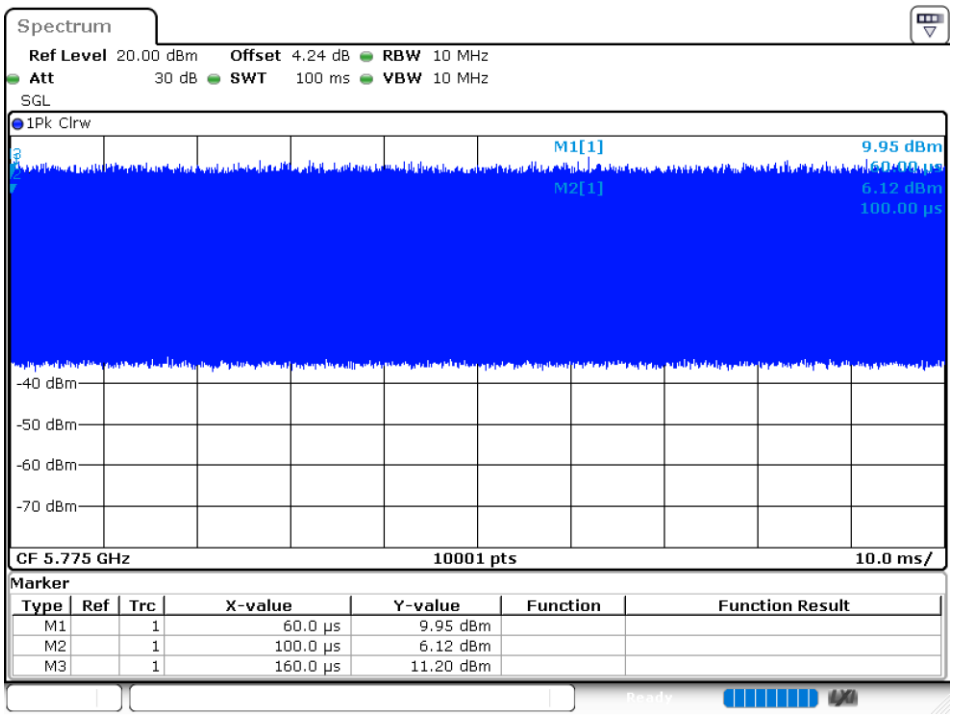
Duty Cycle NVNT ac40 5795MHz Ant2



Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.54	30	Pass
NVNT	a	5785	Ant1	12.78	30	Pass
NVNT	a	5825	Ant1	13.02	30	Pass
NVNT	a	5745	Ant2	12.67	30	Pass
NVNT	a	5785	Ant2	12.98	30	Pass
NVNT	a	5825	Ant2	13.37	30	Pass
NVNT	n20	5745	Ant1	11.16	30	Pass
NVNT	n20	5785	Ant1	11.72	30	Pass
NVNT	n20	5825	Ant1	11.74	30	Pass
NVNT	n20	5745	Ant2	11.66	30	Pass
NVNT	n20	5785	Ant2	11.86	30	Pass
NVNT	n20	5825	Ant2	12.24	30	Pass
NVNT	n40	5755	Ant1	11.44	30	Pass
NVNT	n40	5795	Ant1	11.86	30	Pass
NVNT	n40	5755	Ant2	11.59	30	Pass
NVNT	n40	5795	Ant2	11.96	30	Pass
NVNT	ac20	5745	Ant1	11.27	30	Pass
NVNT	ac20	5785	Ant1	11.78	30	Pass
NVNT	ac20	5825	Ant1	11.86	30	Pass
NVNT	ac20	5745	Ant2	11.76	30	Pass
NVNT	ac20	5785	Ant2	11.95	30	Pass
NVNT	ac20	5825	Ant2	12.32	30	Pass
NVNT	ac40	5755	Ant1	11.33	30	Pass
NVNT	ac40	5795	Ant1	11.48	30	Pass
NVNT	ac40	5755	Ant2	11.61	30	Pass
NVNT	ac40	5795	Ant2	11.92	30	Pass
NVNT	ac80	5775	Ant1	11.45	30	Pass
NVNT	ac80	5775	Ant2	11.74	30	Pass