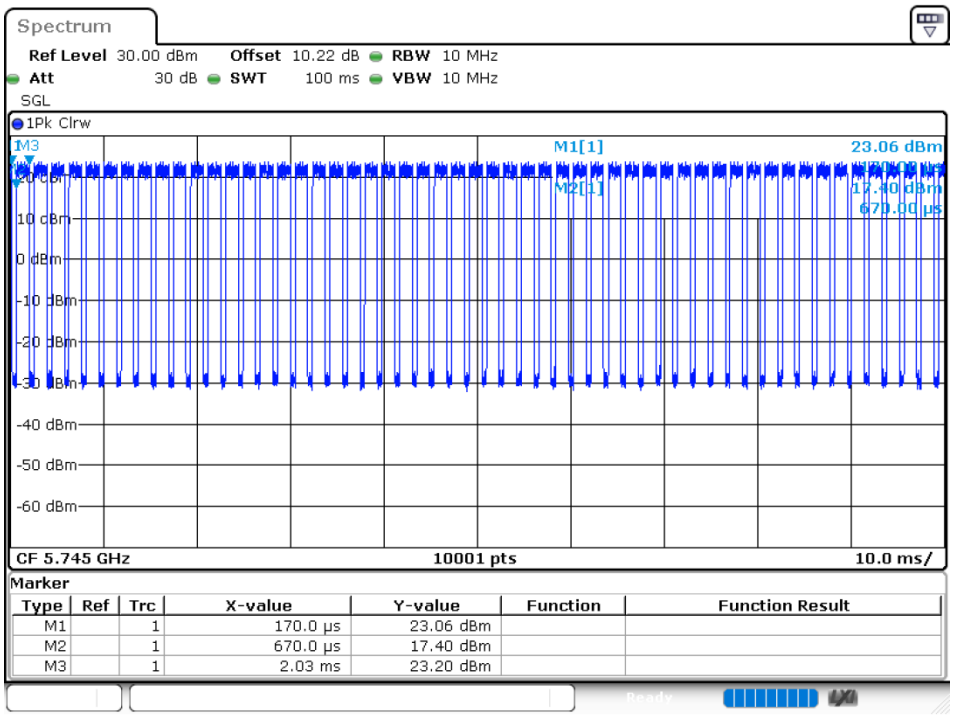
5.8G:

Duty Cycle

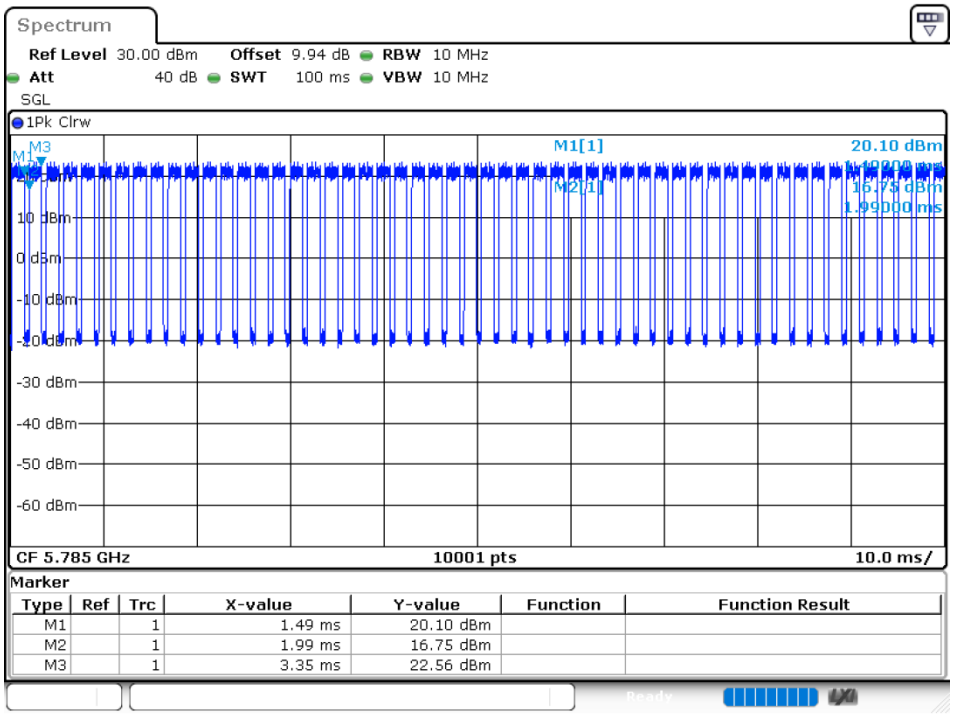
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	73.49	1.34	0.74
NVNT	a	5785	Ant1	73.81	1.32	0.74
NVNT	a	5825	Ant1	73.78	1.32	0.74
NVNT	a	5745	Ant2	73.45	1.34	0.74
NVNT	a	5785	Ant2	73.46	1.34	0.74
NVNT	a	5825	Ant2	73.94	1.31	0.74
NVNT	n20	5745	Ant1	72.47	1.4	0.78
NVNT	n20	5785	Ant1	72.01	1.43	0.79
NVNT	n20	5825	Ant1	72.36	1.4	0.79
NVNT	n20	5745	Ant2	72.07	1.42	0.79
NVNT	n20	5785	Ant2	72.34	1.41	0.78
NVNT	n20	5825	Ant2	72.18	1.42	0.79
NVNT	n40	5755	Ant1	56.69	2.46	1.56
NVNT	n40	5795	Ant1	56.62	2.47	1.59
NVNT	n40	5755	Ant2	56.7	2.46	1.59
NVNT	n40	5795	Ant2	56.67	2.47	1.56
NVNT	ac20	5745	Ant1	72.52	1.4	0.78
NVNT	ac20	5785	Ant1	72.35	1.41	0.78
NVNT	ac20	5825	Ant1	72.28	1.41	0.78
NVNT	ac20	5745	Ant2	72.48	1.4	0.78
NVNT	ac20	5785	Ant2	72.48	1.4	0.79
NVNT	ac20	5825	Ant2	72.47	1.4	0.79
NVNT	ac40	5755	Ant1	56.96	2.44	1.56
NVNT	ac40	5795	Ant1	56.83	2.45	1.59
NVNT	ac40	5755	Ant2	56.83	2.45	1.56
NVNT	ac40	5795	Ant2	56.73	2.46	1.56
NVNT	ac80	5775	Ant1	40.02	3.98	3.12
NVNT	ac80	5775	Ant2	39.89	3.99	3.12

Test Graphs

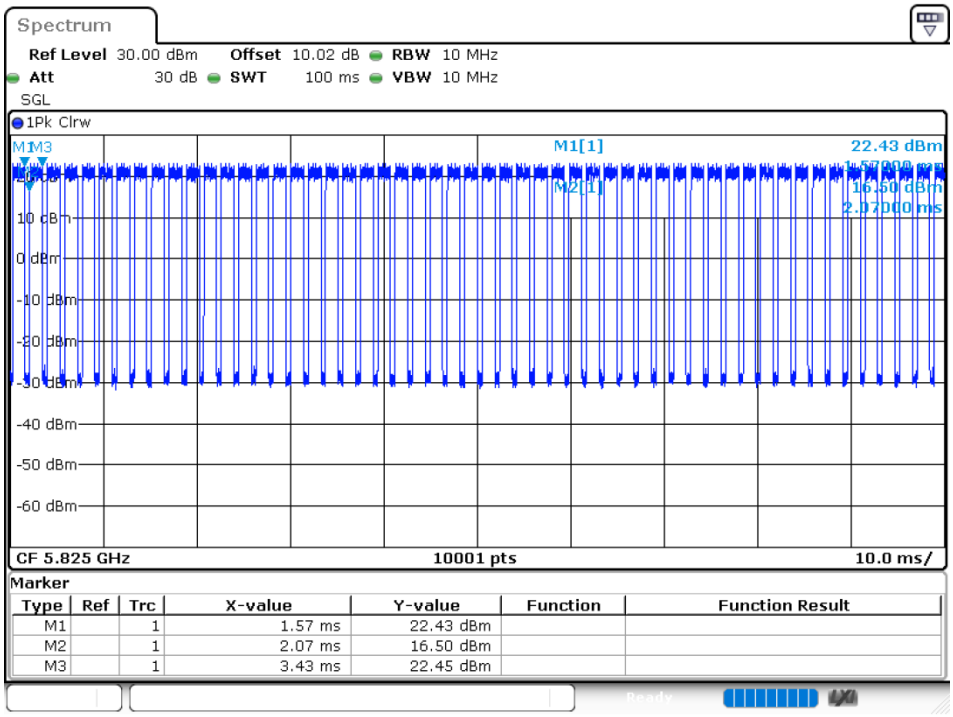
Duty Cycle NVNT a 5745MHz Ant1



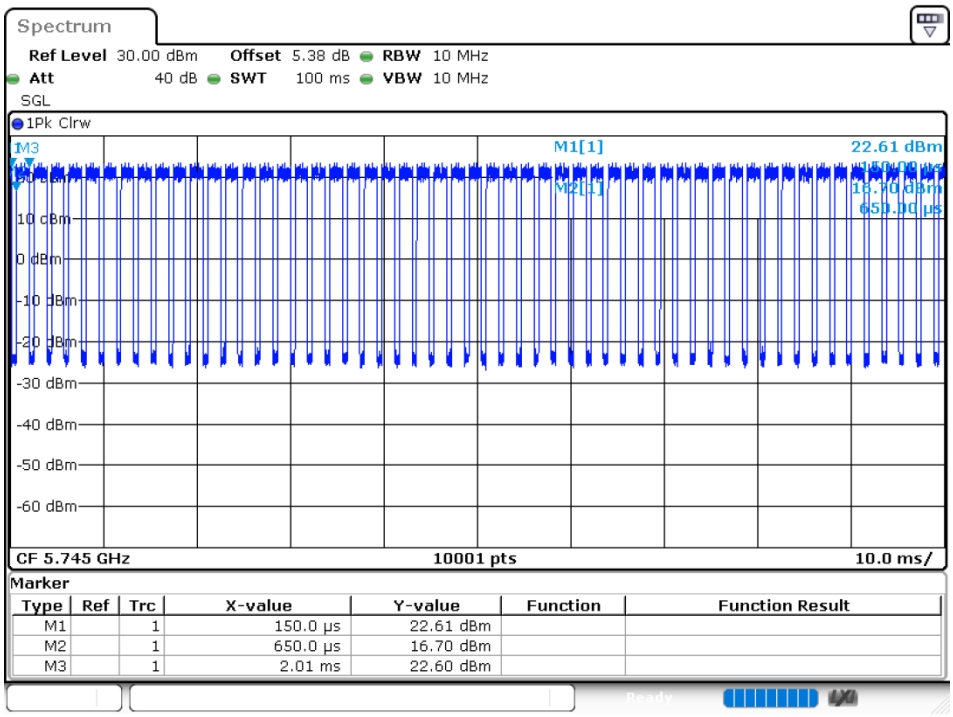
Duty Cycle NVNT a 5785MHz Ant1



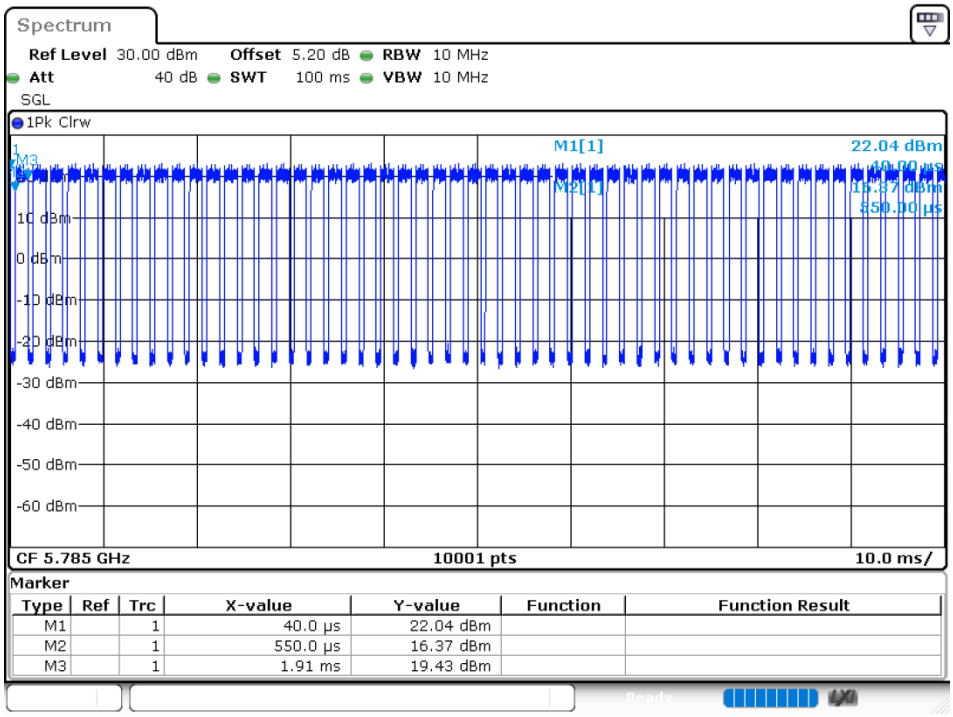
Duty Cycle NVNT a 5825MHz Ant1



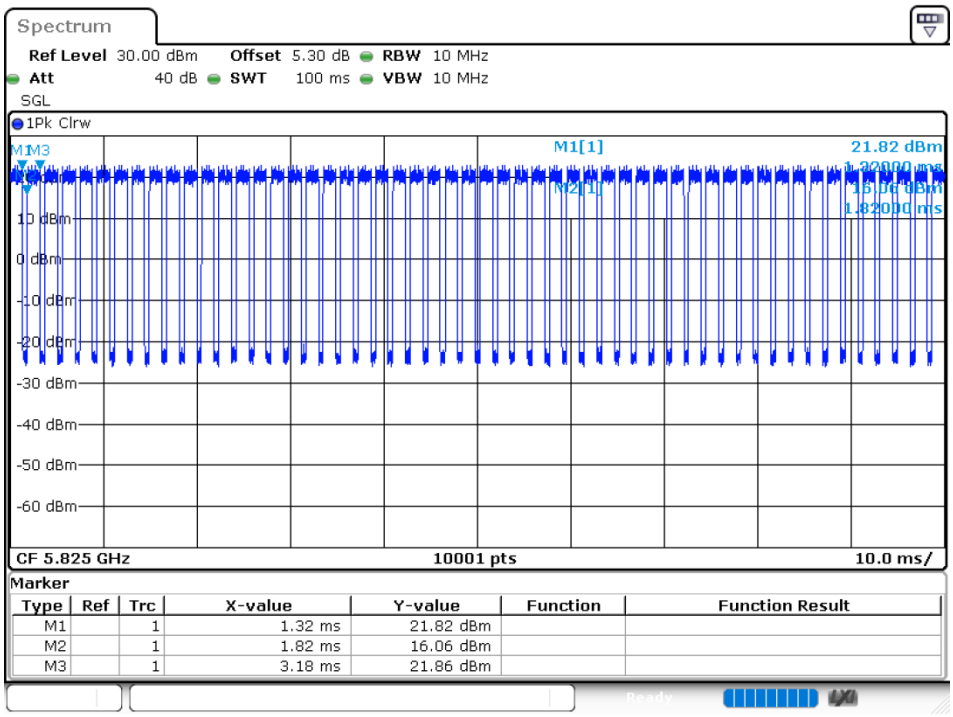
Duty Cycle NVNT a 5745MHz Ant2



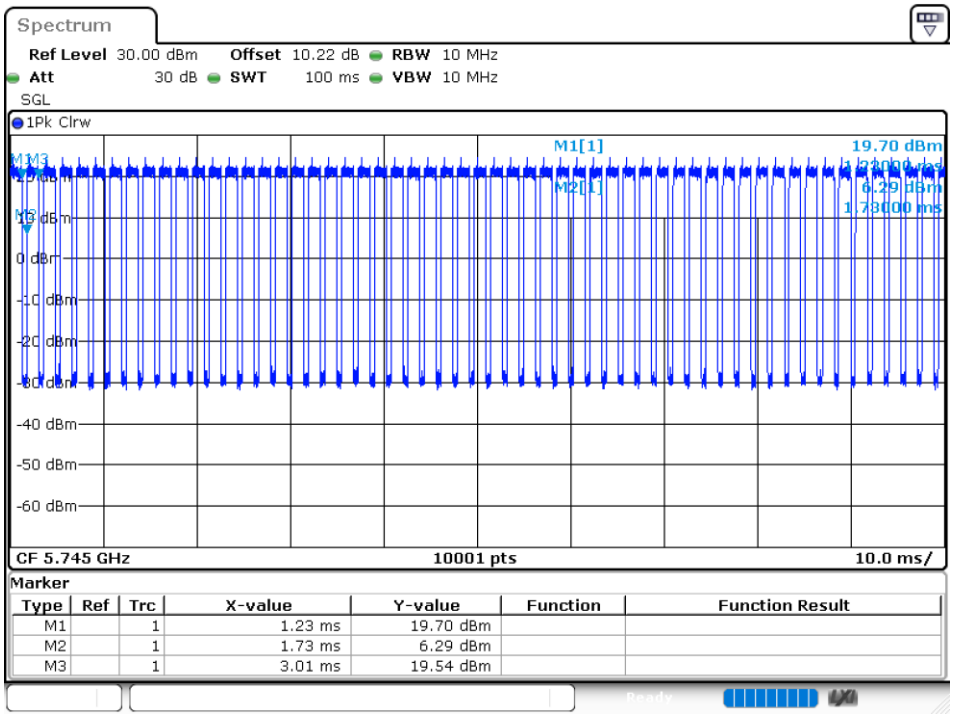
Duty Cycle NVNT a 5785MHz Ant2



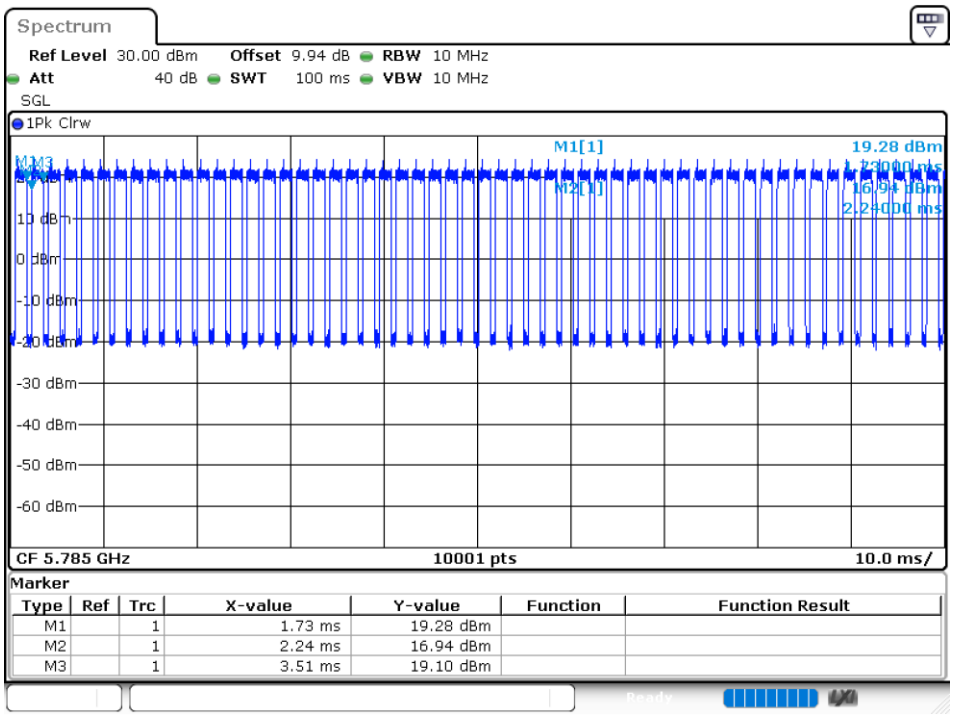
Duty Cycle NVNT a 5825MHz Ant2



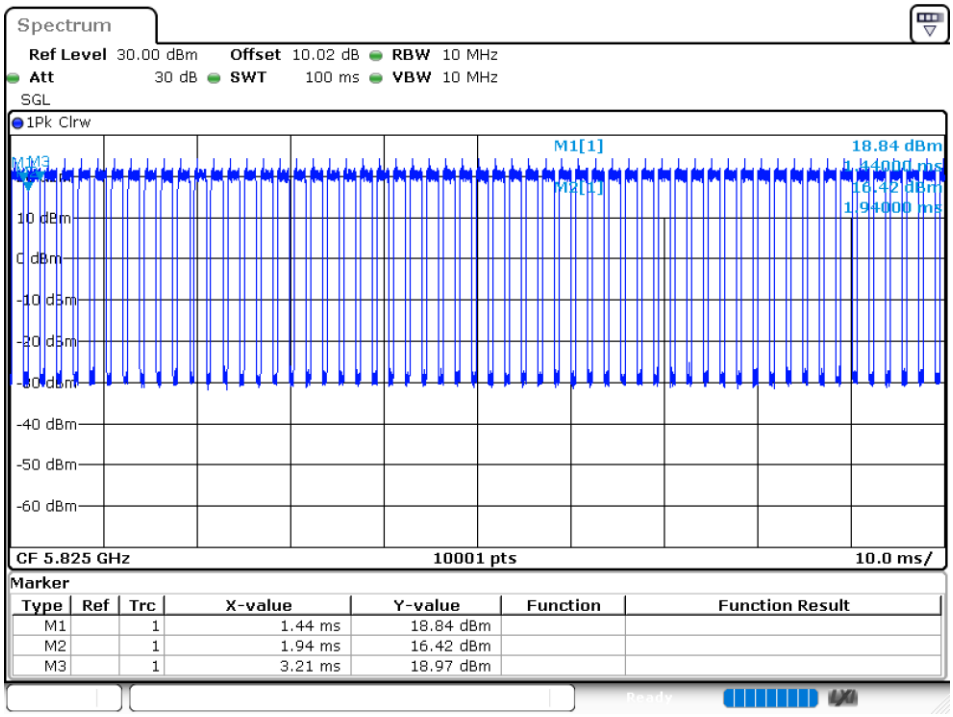
Duty Cycle NVNT n20 5745MHz Ant1



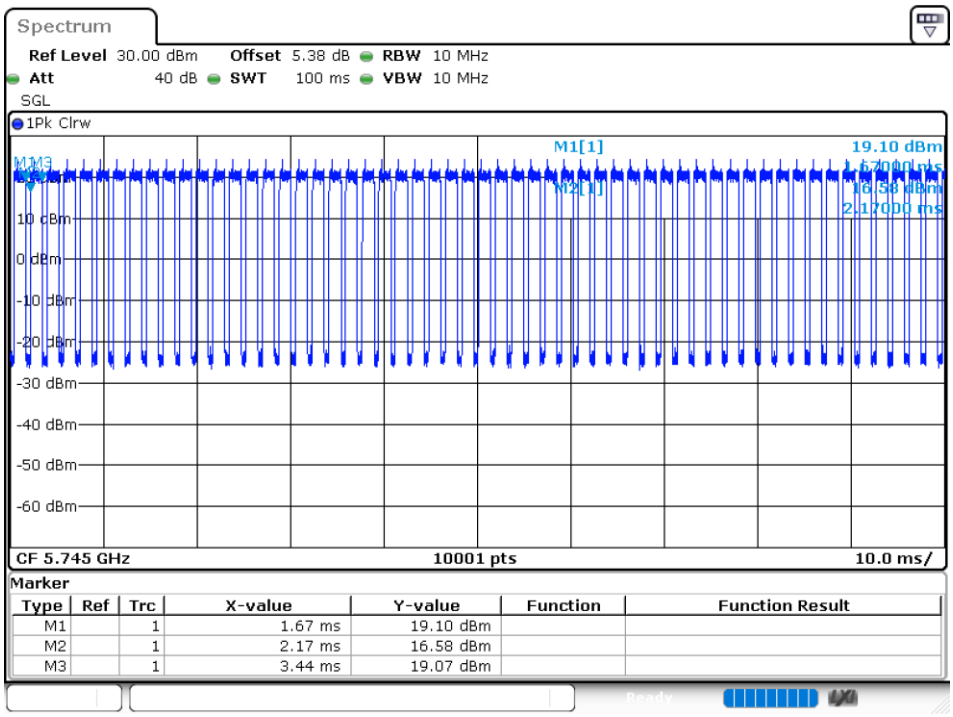
Duty Cycle NVNT n20 5785MHz Ant1



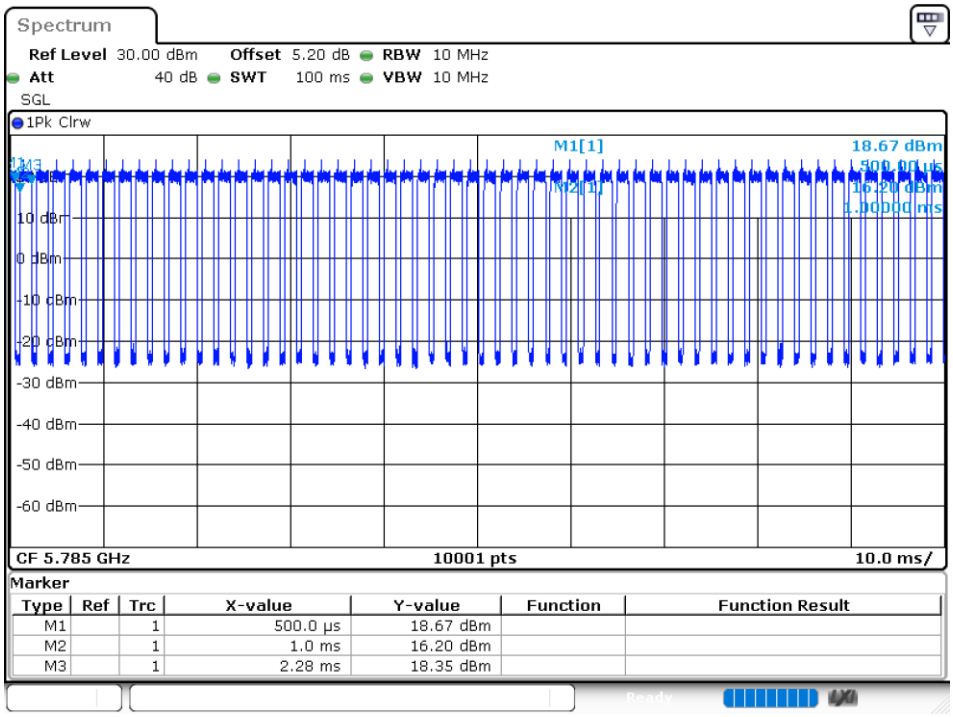
Duty Cycle NVNT n20 5825MHz Ant1



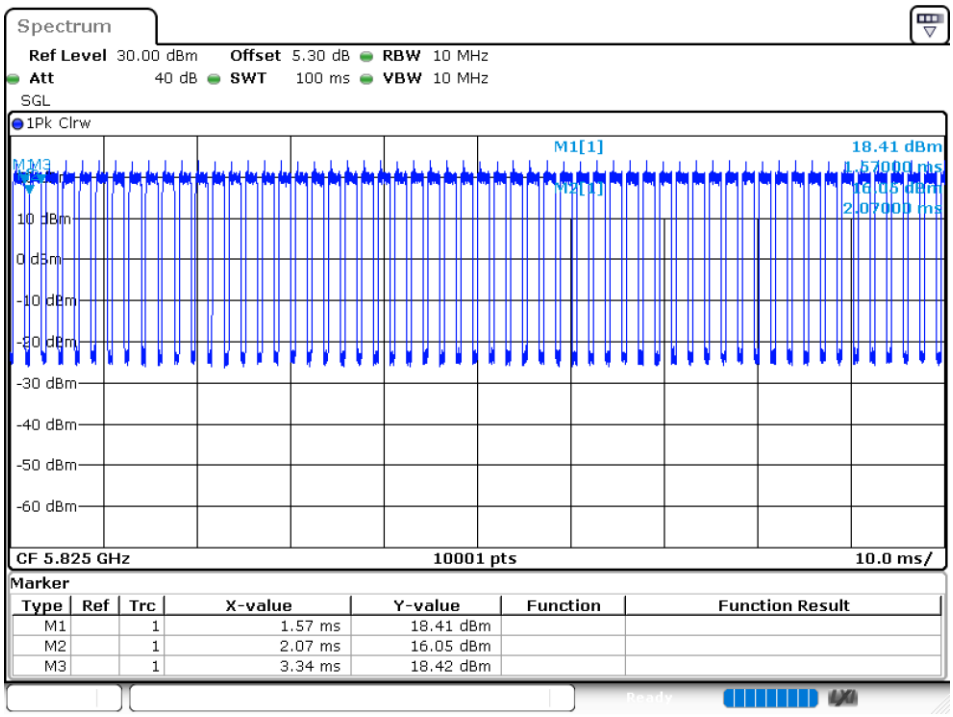
Duty Cycle NVNT n20 5745MHz Ant2



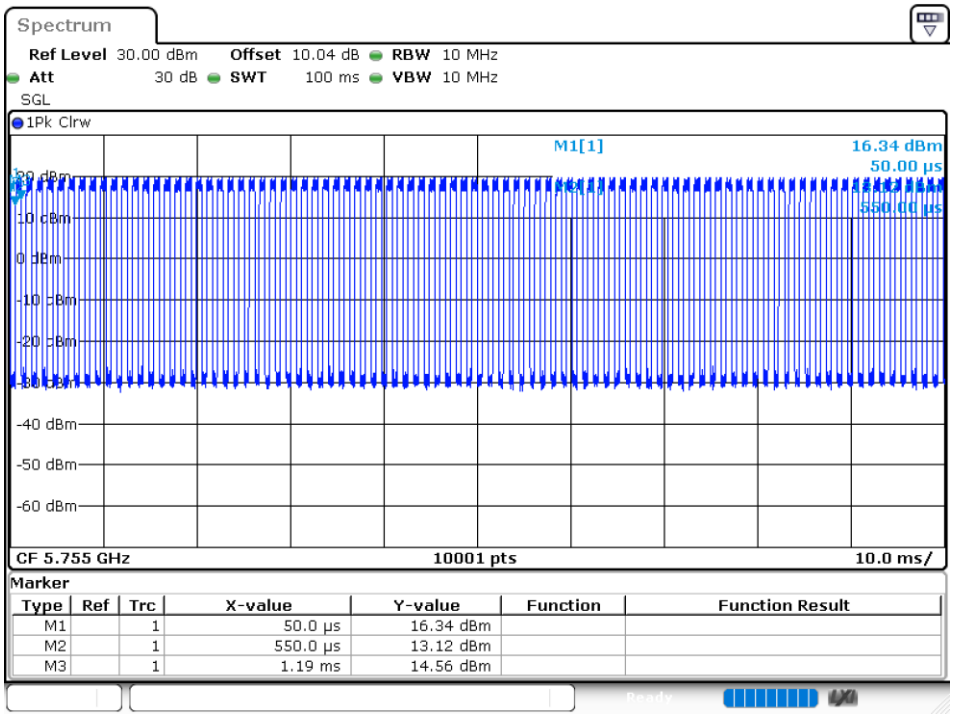
Duty Cycle NVNT n20 5785MHz Ant2



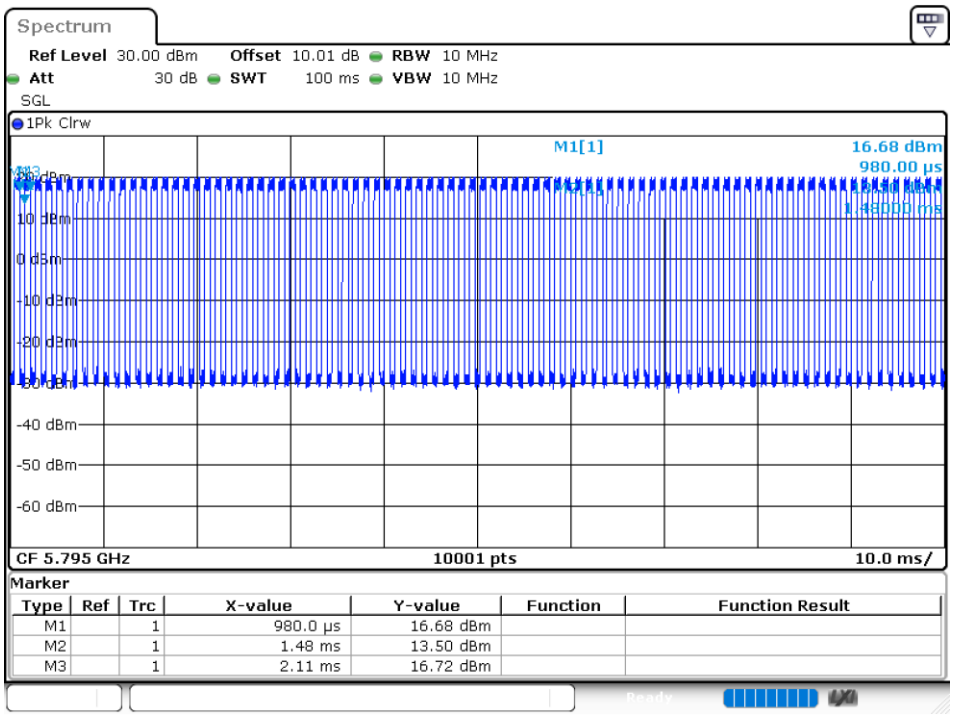
Duty Cycle NVNT n20 5825MHz Ant2



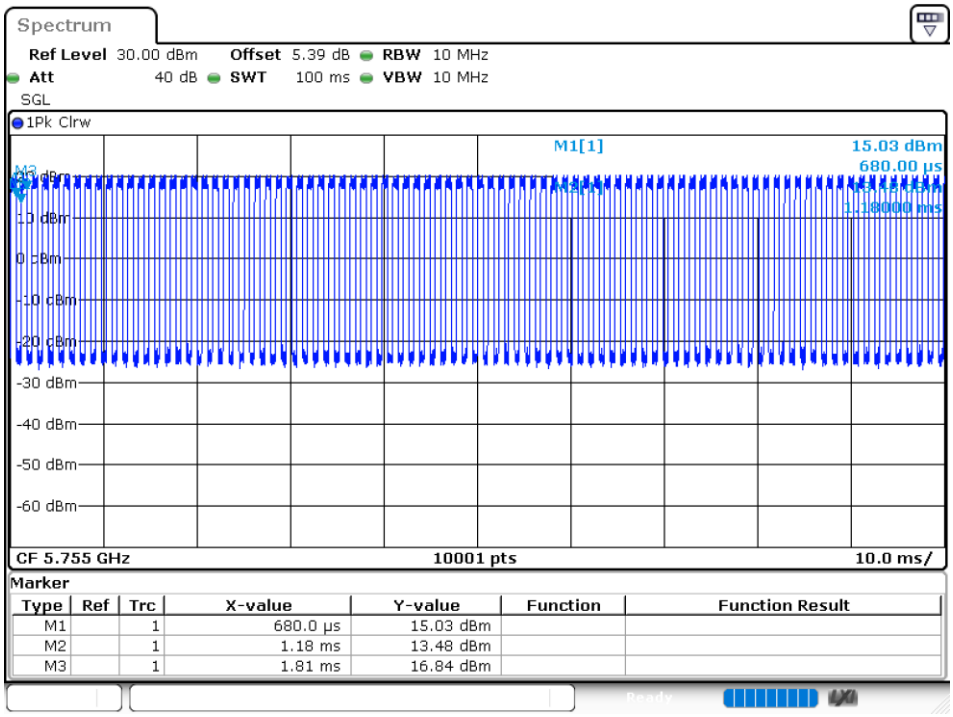
Duty Cycle NVNT n40 5755MHz Ant1



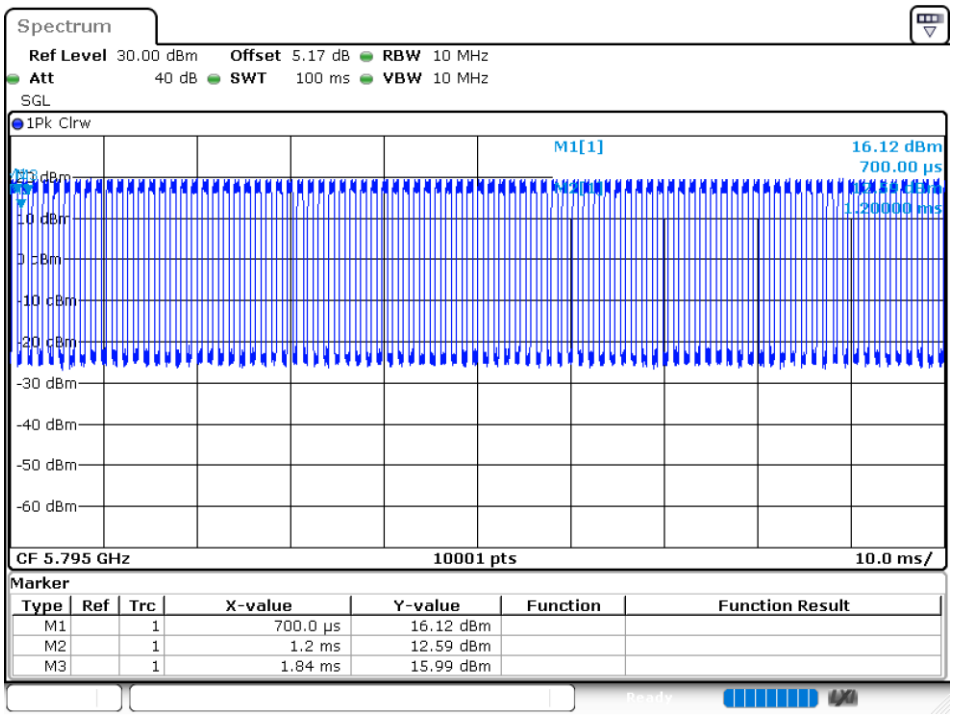
Duty Cycle NVNT n40 5795MHz Ant1



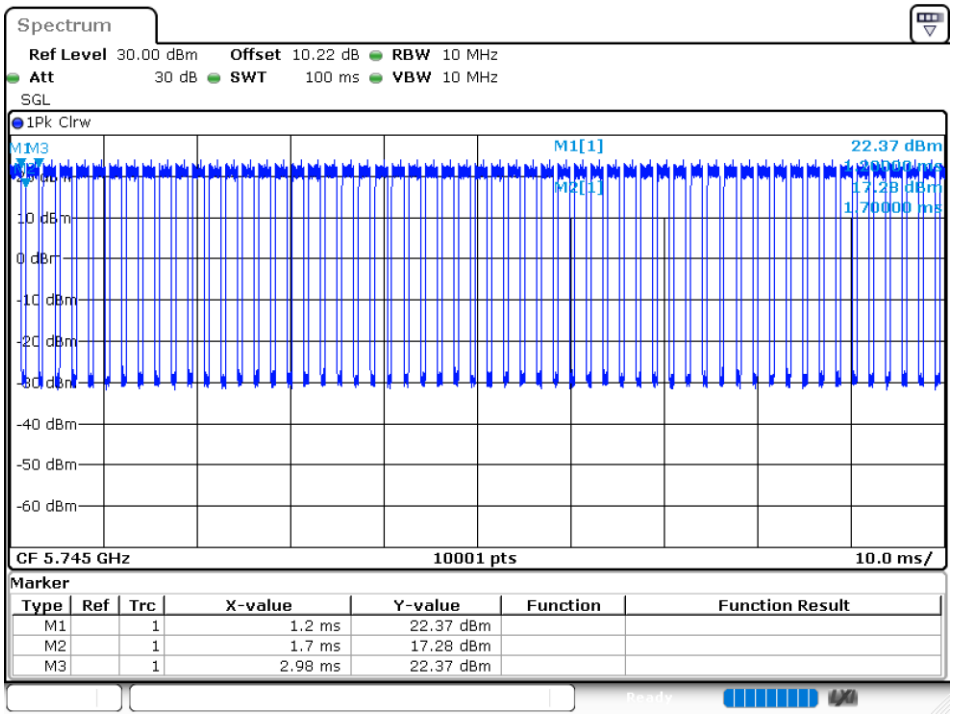
Duty Cycle NVNT n40 5755MHz Ant2



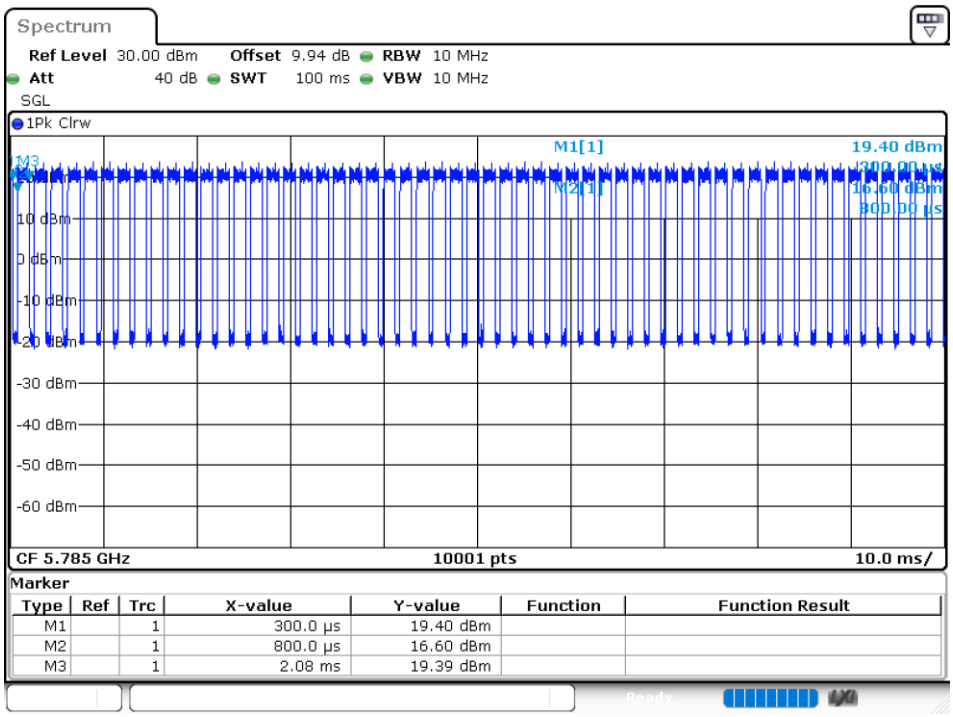
Duty Cycle NVNT n40 5795MHz Ant2



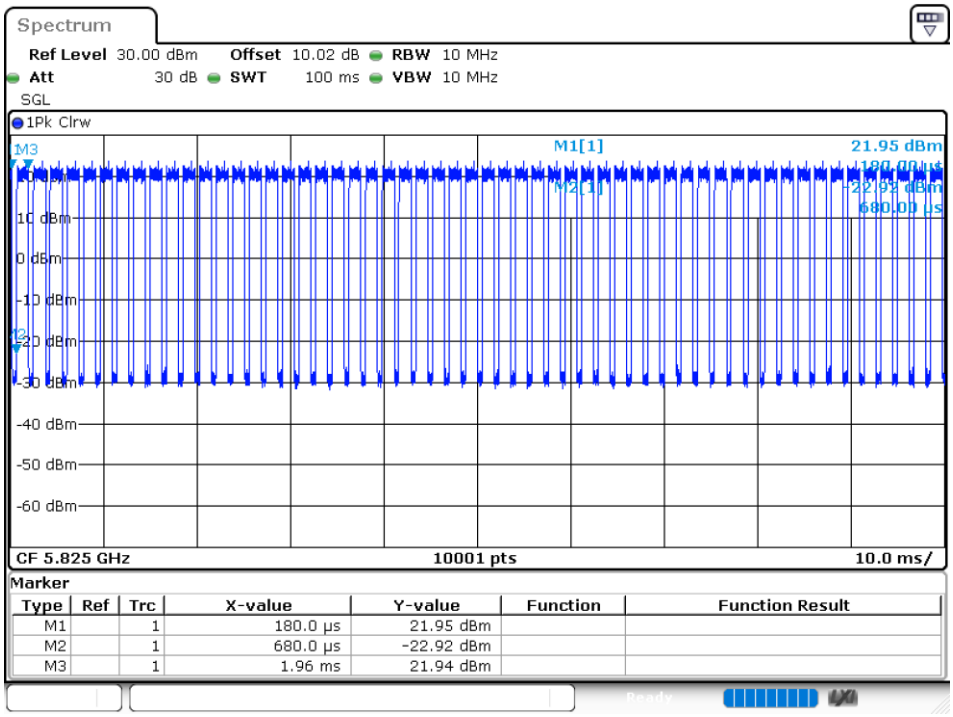
Duty Cycle NVNT ac20 5745MHz Ant1



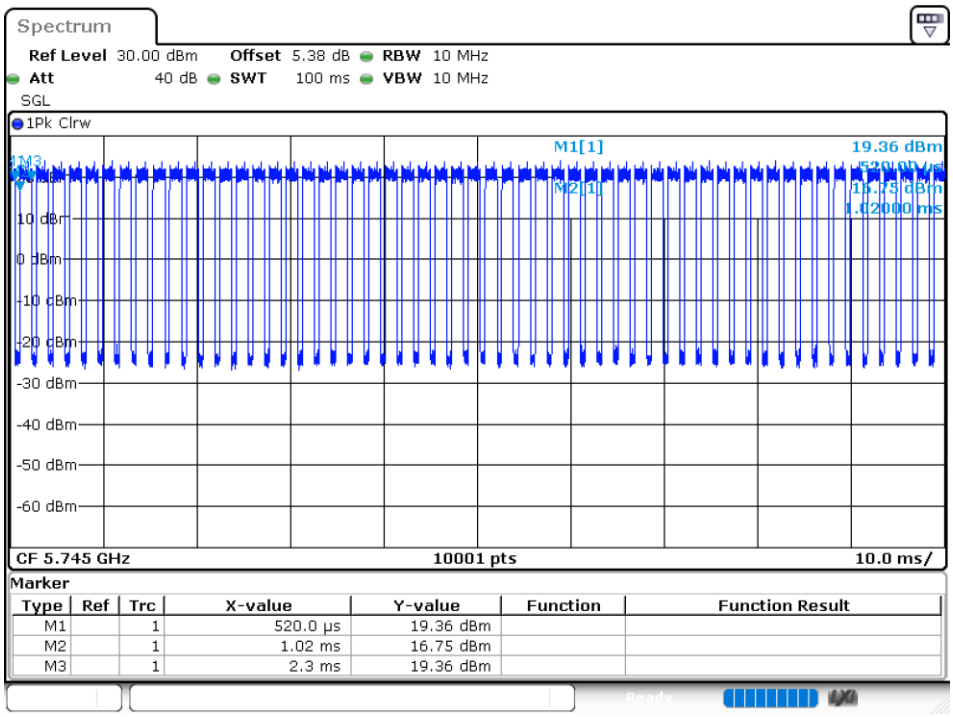
Duty Cycle NVNT ac20 5785MHz Ant1



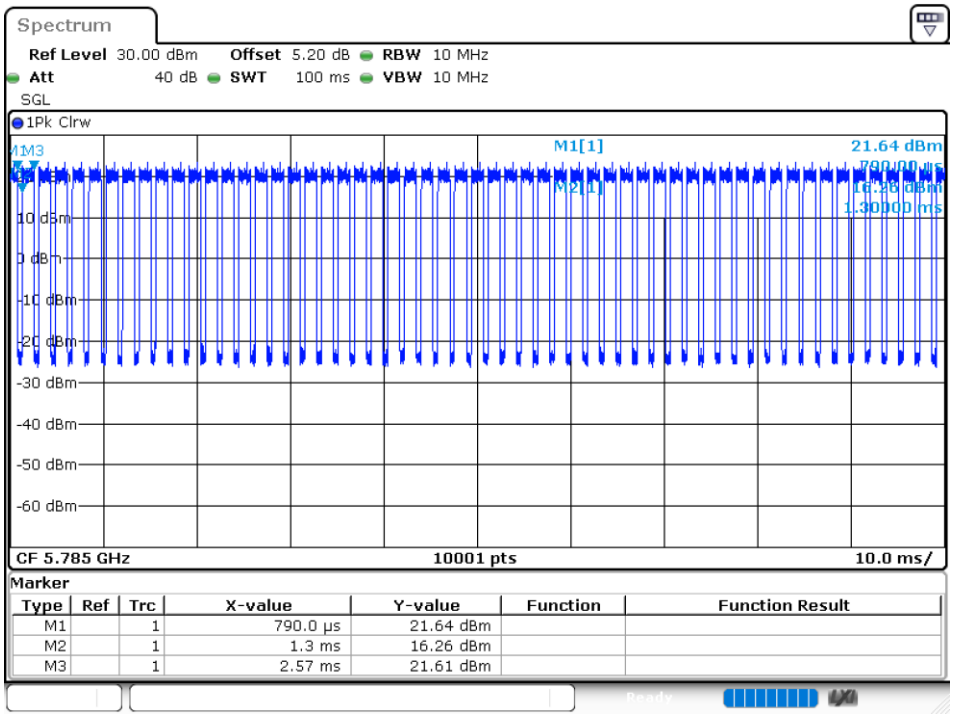
Duty Cycle NVNT ac20 5825MHz Ant1



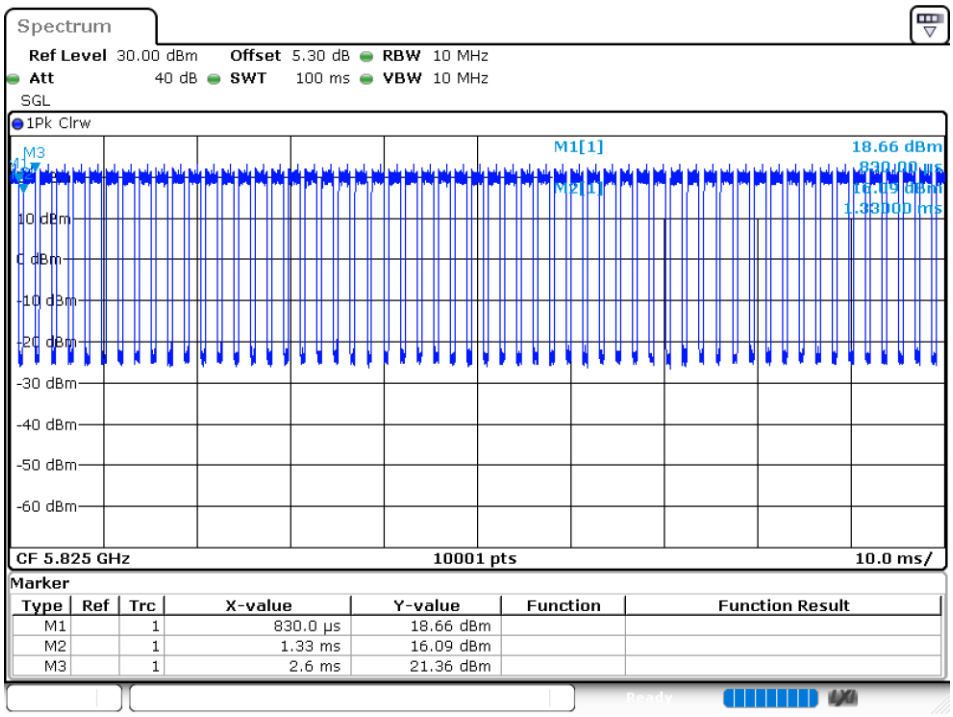
Duty Cycle NVNT ac20 5745MHz Ant2



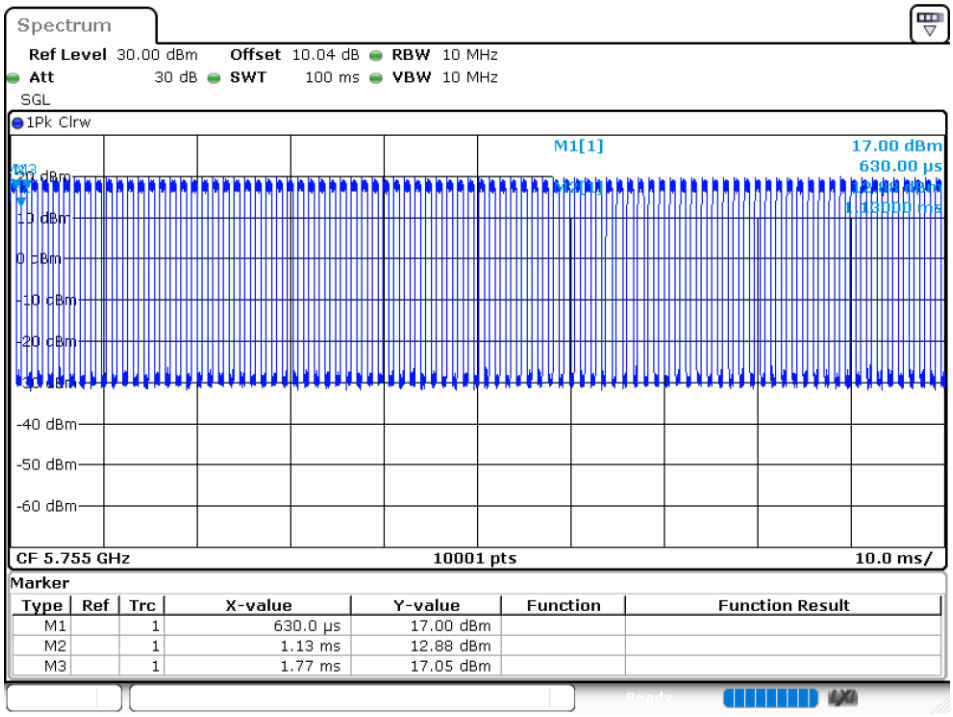
Duty Cycle NVNT ac20 5785MHz Ant2



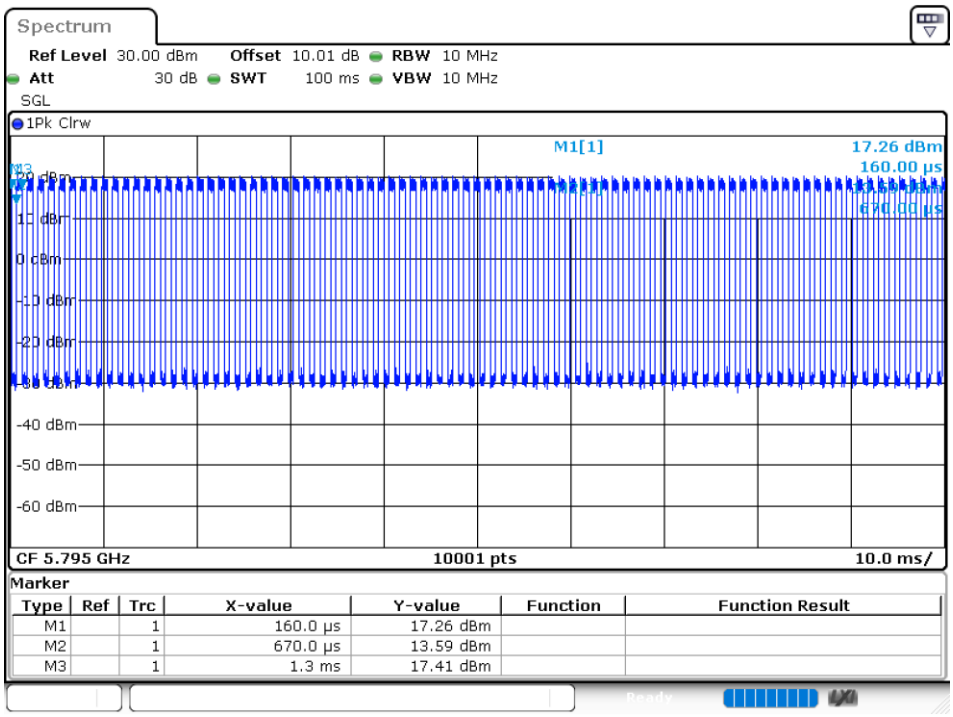
Duty Cycle NVNT ac20 5825MHz Ant2



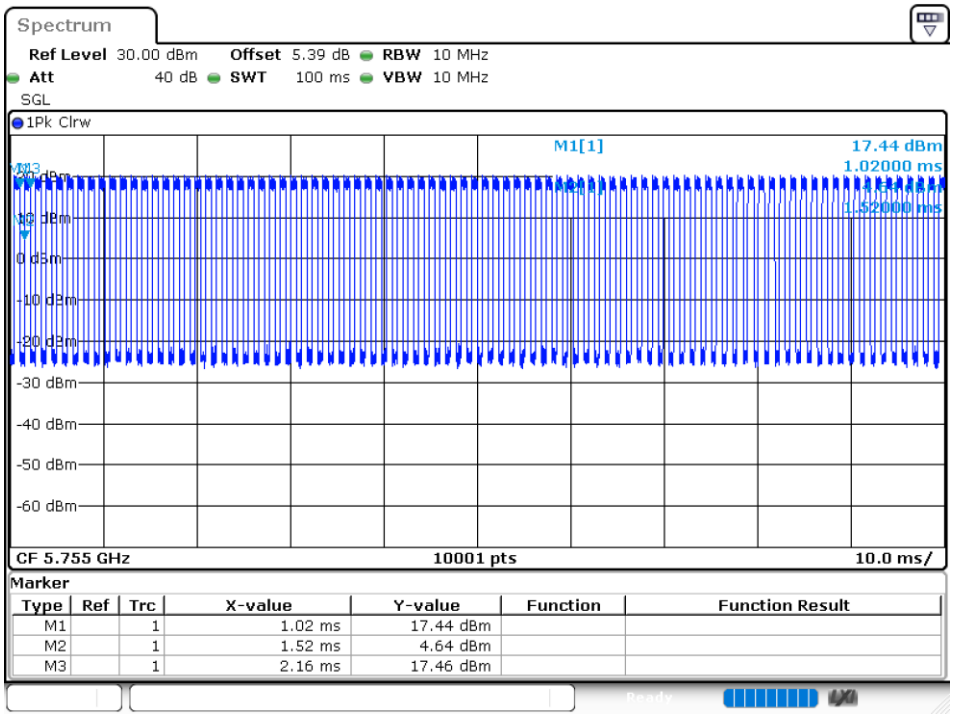
Duty Cycle NVNT ac40 5755MHz Ant1



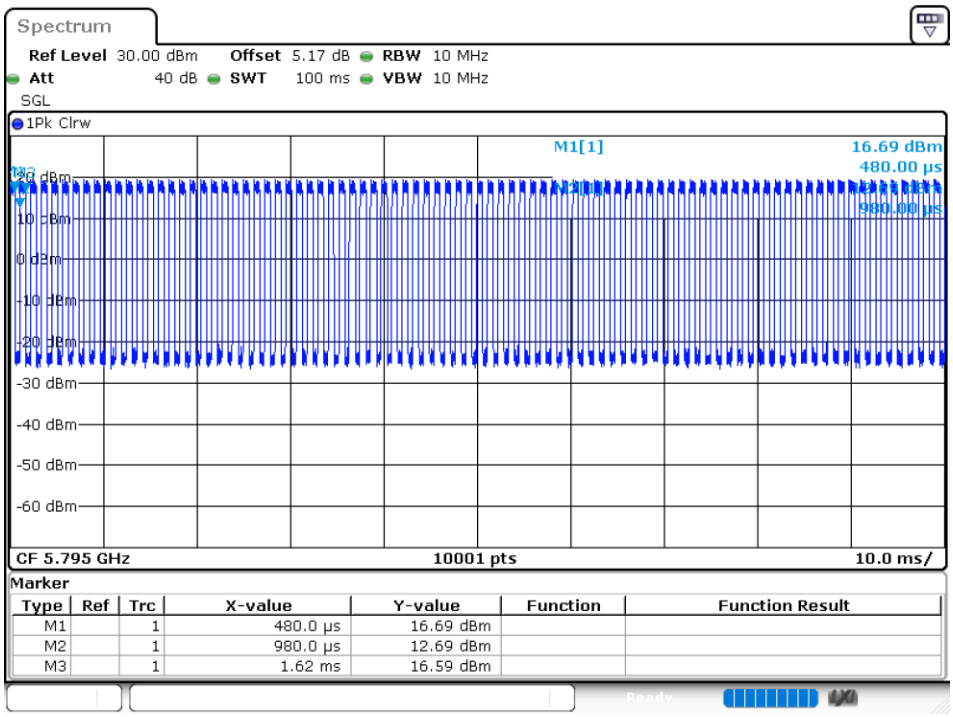
Duty Cycle NVNT ac40 5795MHz Ant1



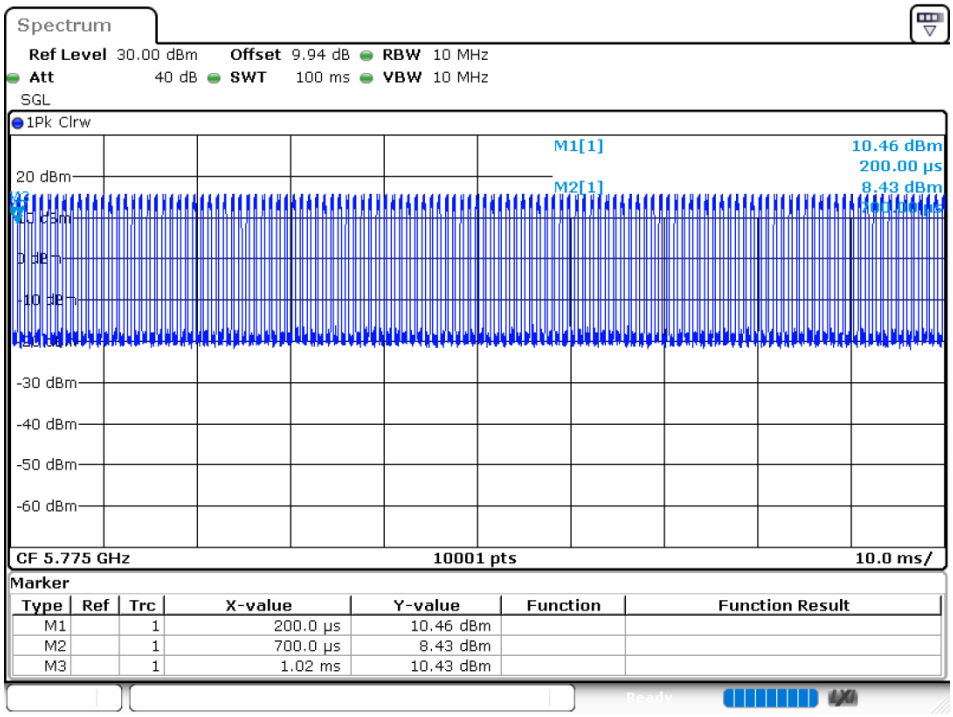
Duty Cycle NVNT ac40 5755MHz Ant2



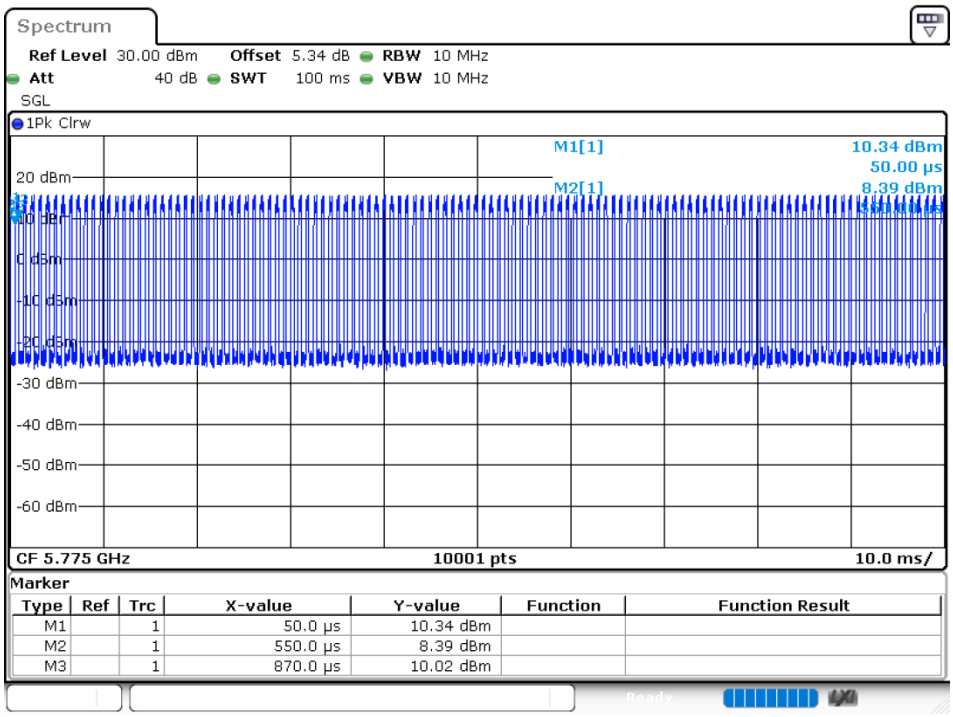
Duty Cycle NVNT ac40 5795MHz Ant2



Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2



Maximum Conducted Output Power

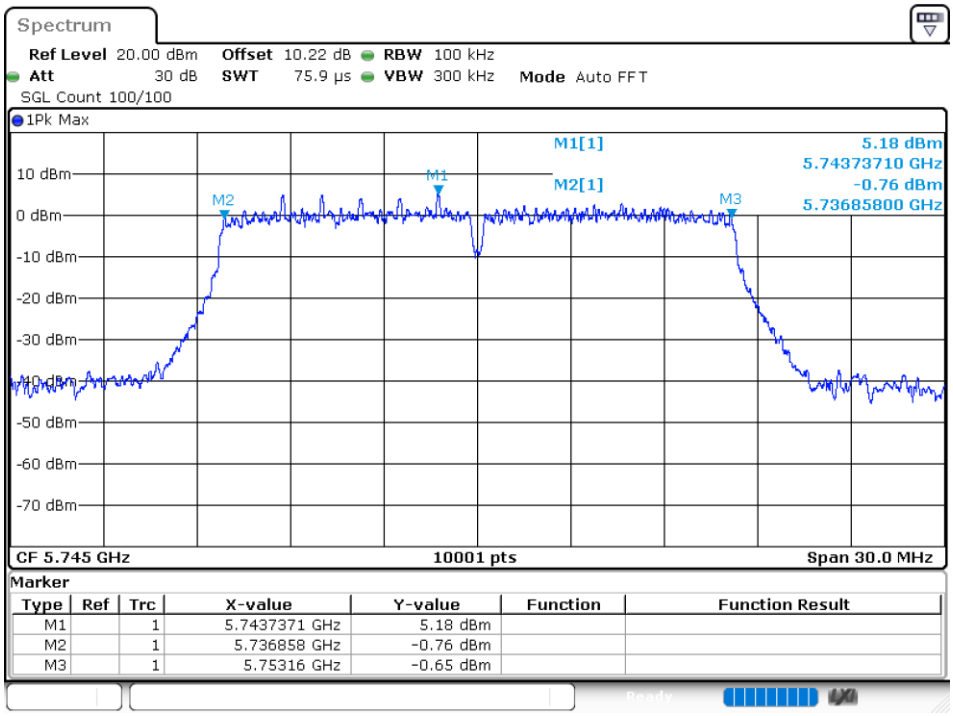
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	14.42	30	Pass
NVNT	a	5785	Ant1	14.26	30	Pass
NVNT	a	5825	Ant1	14.35	30	Pass
NVNT	a	5745	Ant2	14.37	30	Pass
NVNT	a	5785	Ant2	14.73	30	Pass
NVNT	a	5825	Ant2	14.51	30	Pass
NVNT	n20	5745	Ant1	14.33	30	Pass
NVNT	n20	5785	Ant1	14.27	30	Pass
NVNT	n20	5825	Ant1	14.21	30	Pass
NVNT	n20	5745	Ant2	14.27	30	Pass
NVNT	n20	5785	Ant2	14.7	30	Pass
NVNT	n20	5825	Ant2	14.48	30	Pass
NVNT	n40	5755	Ant1	14.3	30	Pass
NVNT	n40	5795	Ant1	14.14	30	Pass
NVNT	n40	5755	Ant2	14.76	30	Pass
NVNT	n40	5795	Ant2	14.53	30	Pass
NVNT	ac20	5745	Ant1	14.33	30	Pass
NVNT	ac20	5785	Ant1	14.17	30	Pass
NVNT	ac20	5825	Ant1	14.3	30	Pass
NVNT	ac20	5745	Ant2	14.38	30	Pass
NVNT	ac20	5785	Ant2	14.79	30	Pass
NVNT	ac20	5825	Ant2	14.5	30	Pass
NVNT	ac40	5755	Ant1	14.29	30	Pass
NVNT	ac40	5795	Ant1	14.23	30	Pass
NVNT	ac40	5755	Ant2	14.79	30	Pass
NVNT	ac40	5795	Ant2	14.54	30	Pass
NVNT	ac80	5775	Ant1	13.97	30	Pass
NVNT	ac80	5775	Ant2	14.69	30	Pass

-6dB Bandwidth

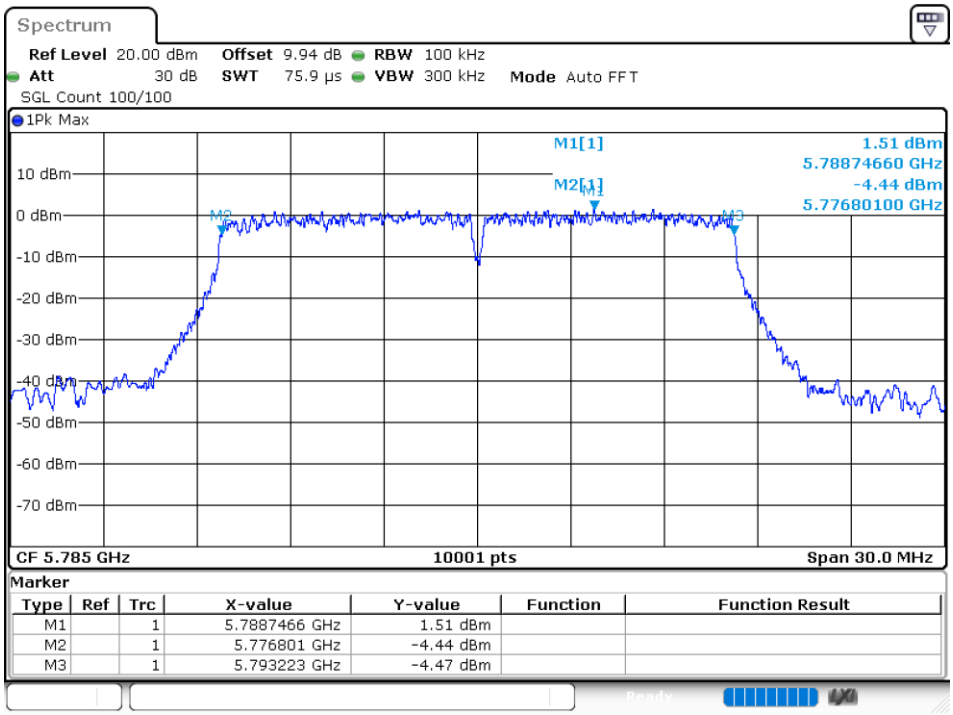
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.302	0.5	Pass
NVNT	a	5785	Ant1	16.422	0.5	Pass
NVNT	a	5825	Ant1	16.527	0.5	Pass
NVNT	a	5745	Ant2	16.386	0.5	Pass
NVNT	a	5785	Ant2	16.296	0.5	Pass
NVNT	a	5825	Ant2	16.317	0.5	Pass
NVNT	n20	5745	Ant1	17.577	0.5	Pass
NVNT	n20	5785	Ant1	17.547	0.5	Pass
NVNT	n20	5825	Ant1	17.664	0.5	Pass
NVNT	n20	5745	Ant2	17.625	0.5	Pass
NVNT	n20	5785	Ant2	17.562	0.5	Pass
NVNT	n20	5825	Ant2	17.568	0.5	Pass
NVNT	n40	5755	Ant1	34.2	0.5	Pass
NVNT	n40	5795	Ant1	34.05	0.5	Pass
NVNT	n40	5755	Ant2	34.992	0.5	Pass
NVNT	n40	5795	Ant2	34.17	0.5	Pass
NVNT	ac20	5745	Ant1	17.685	0.5	Pass
NVNT	ac20	5785	Ant1	17.538	0.5	Pass
NVNT	ac20	5825	Ant1	17.598	0.5	Pass
NVNT	ac20	5745	Ant2	17.64	0.5	Pass
NVNT	ac20	5785	Ant2	17.7	0.5	Pass
NVNT	ac20	5825	Ant2	17.592	0.5	Pass
NVNT	ac40	5755	Ant1	35.682	0.5	Pass
NVNT	ac40	5795	Ant1	35.922	0.5	Pass
NVNT	ac40	5755	Ant2	35.148	0.5	Pass
NVNT	ac40	5795	Ant2	36.276	0.5	Pass
NVNT	ac80	5775	Ant1	73.86	0.5	Pass
NVNT	ac80	5775	Ant2	75.12	0.5	Pass

Test Graphs

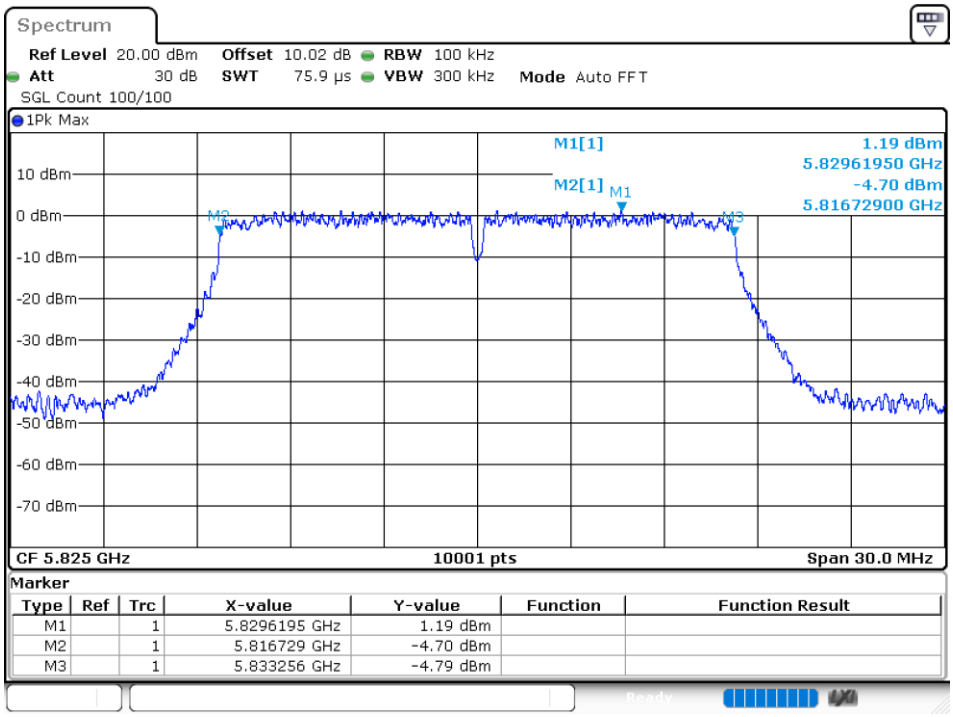
-6dB Bandwidth NVNT a 5745MHz Ant1



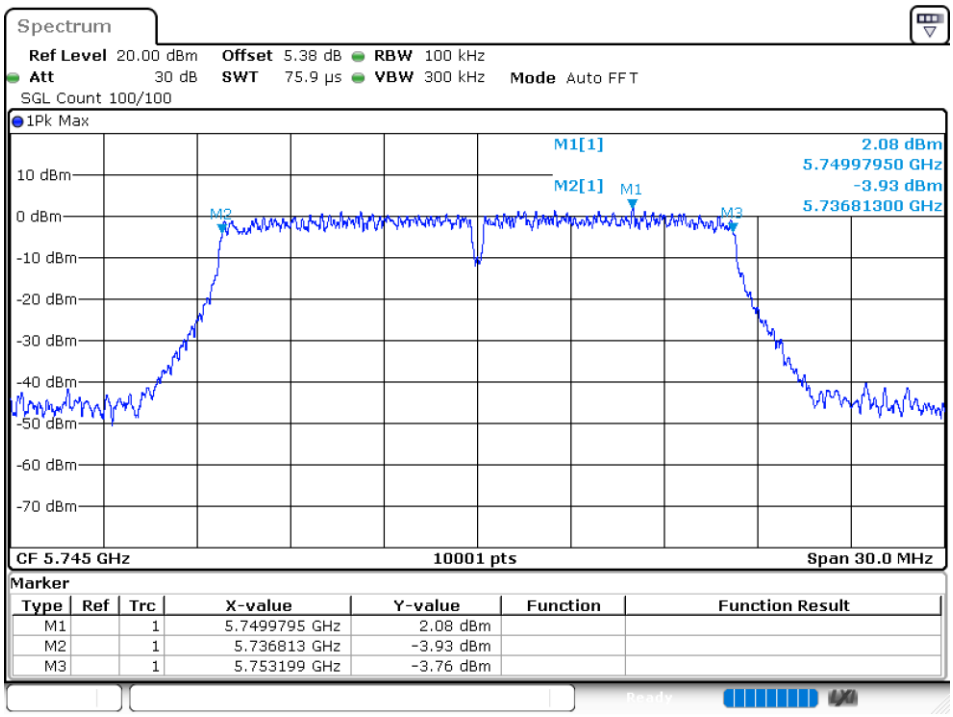
-6dB Bandwidth NVNT a 5785MHz Ant1



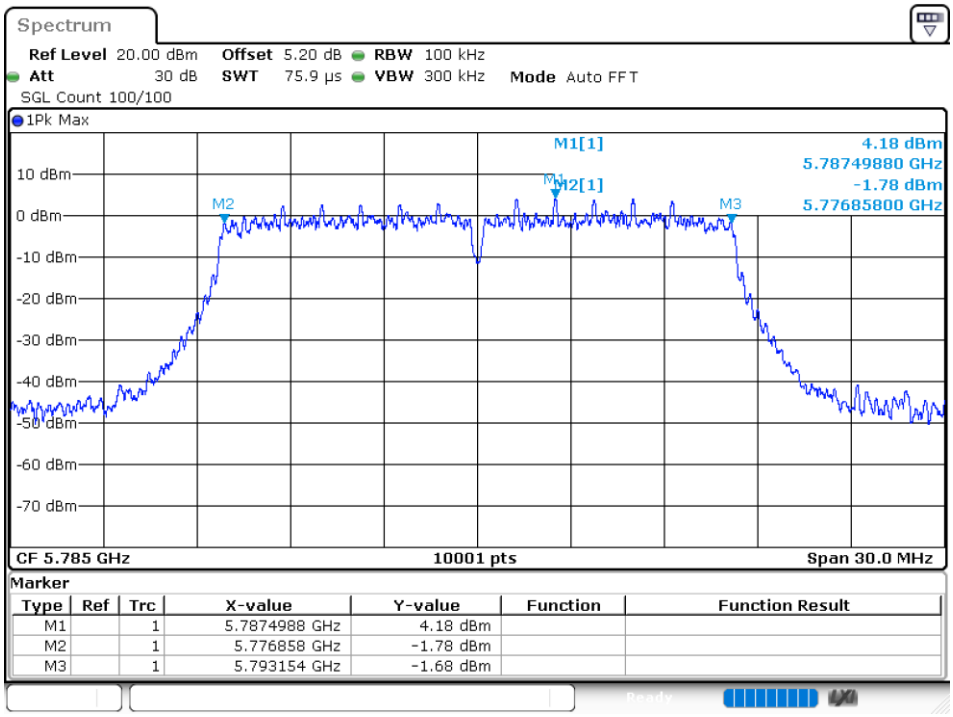
-6dB Bandwidth NVNT a 5825MHz Ant1



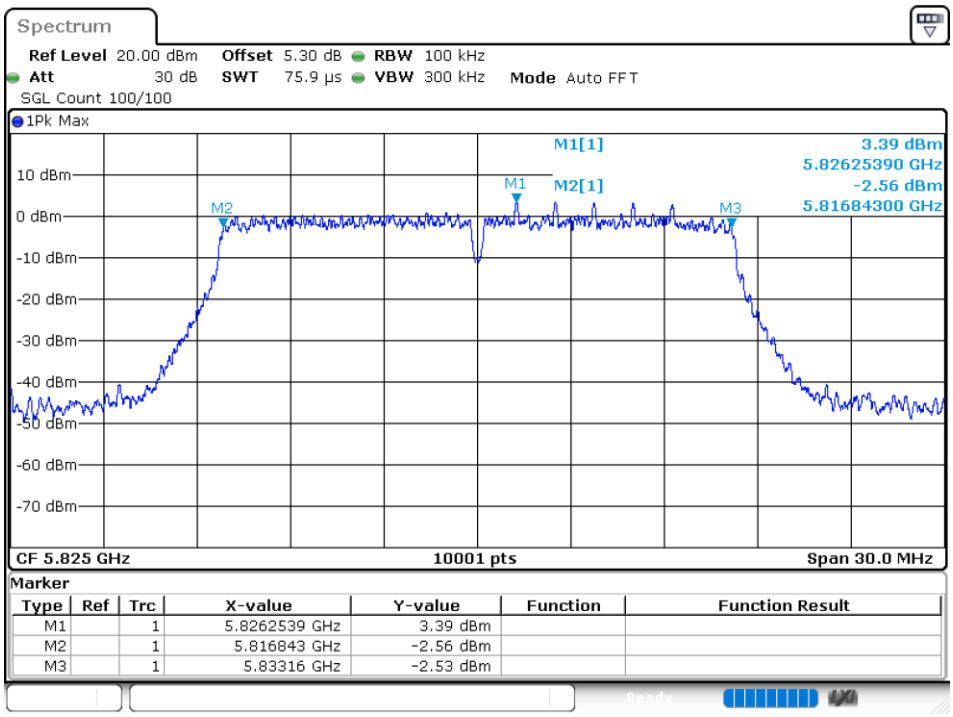
-6dB Bandwidth NVNT a 5745MHz Ant2



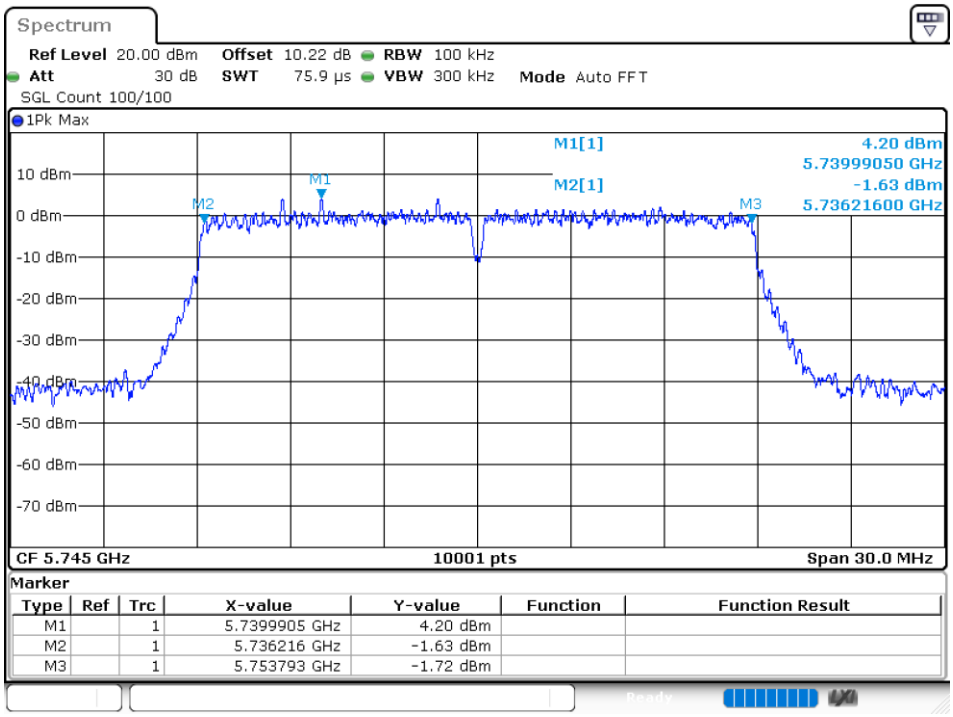
-6dB Bandwidth NVNT a 5785MHz Ant2



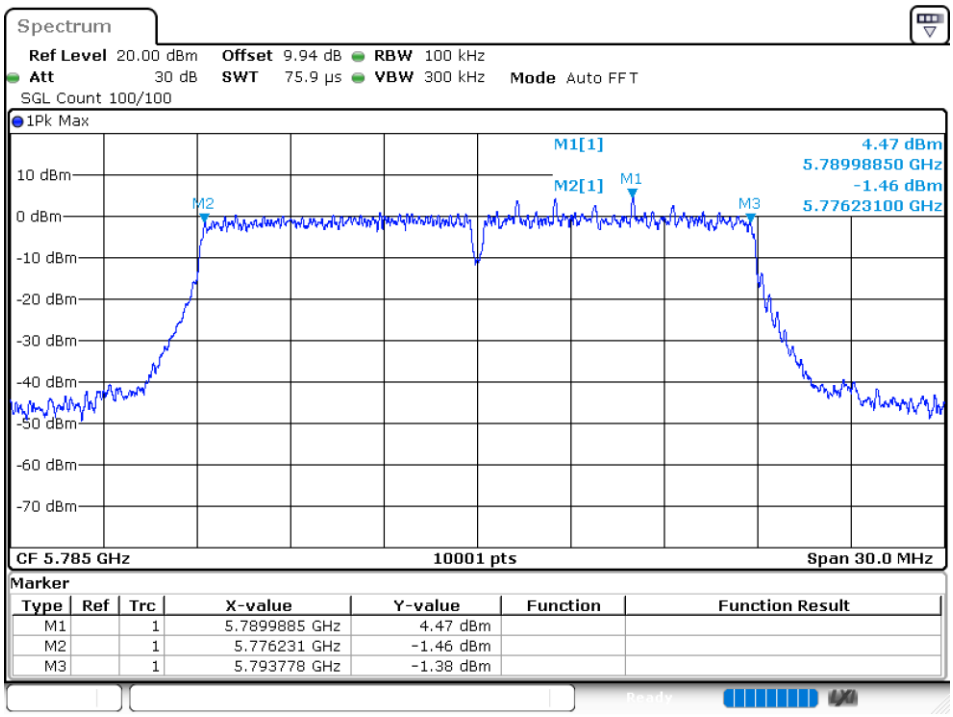
-6dB Bandwidth NVNT a 5825MHz Ant2



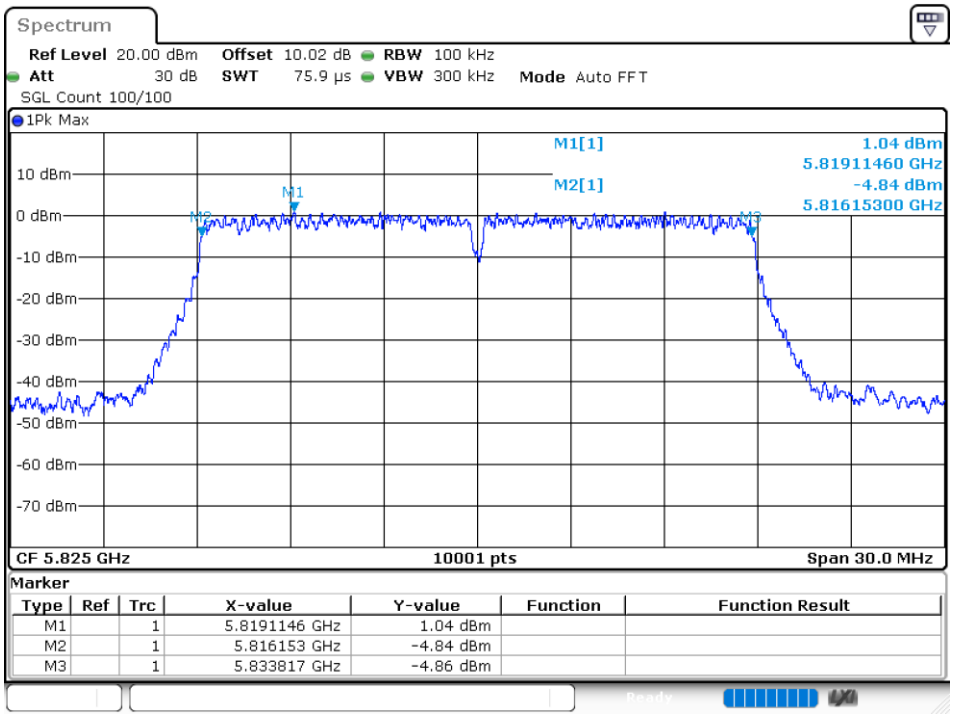
-6dB Bandwidth NVNT n20 5745MHz Ant1



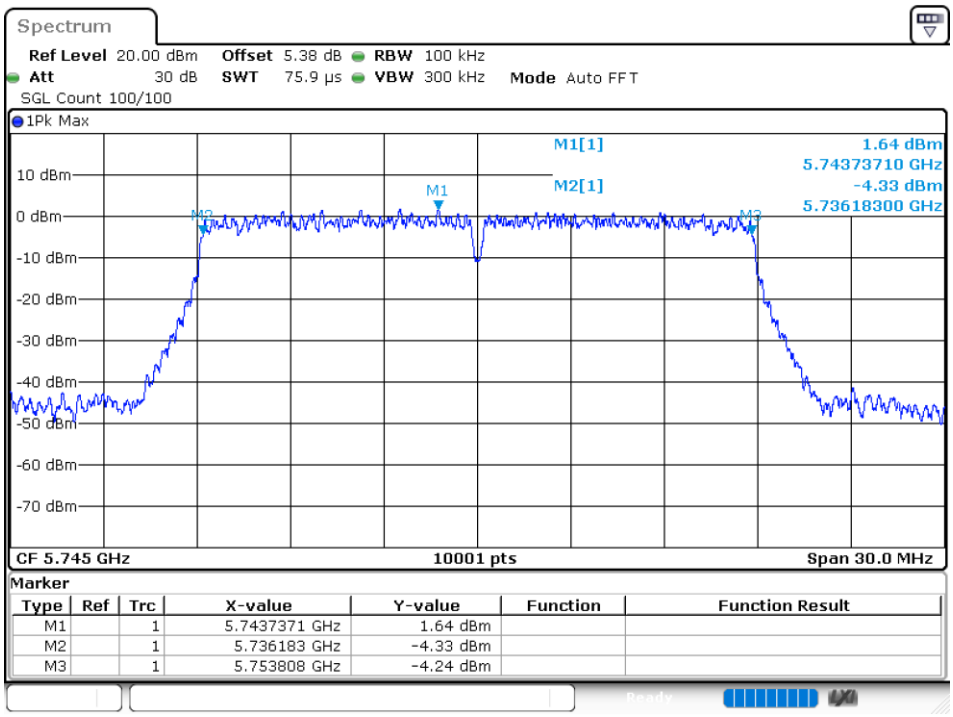
-6dB Bandwidth NVNT n20 5785MHz Ant1



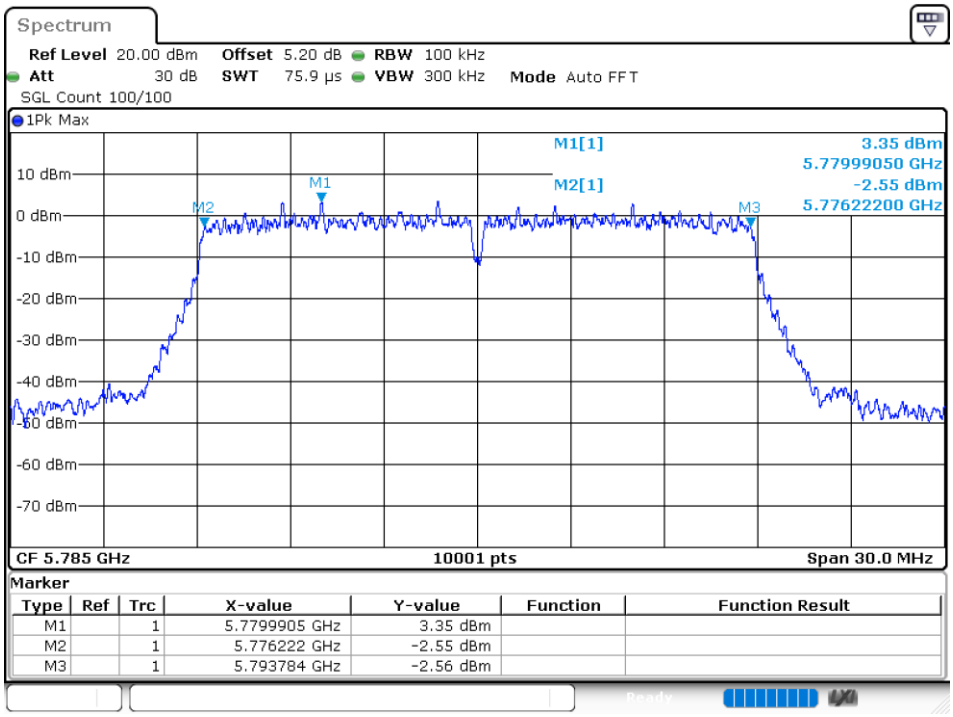
-6dB Bandwidth NVNT n20 5825MHz Ant1



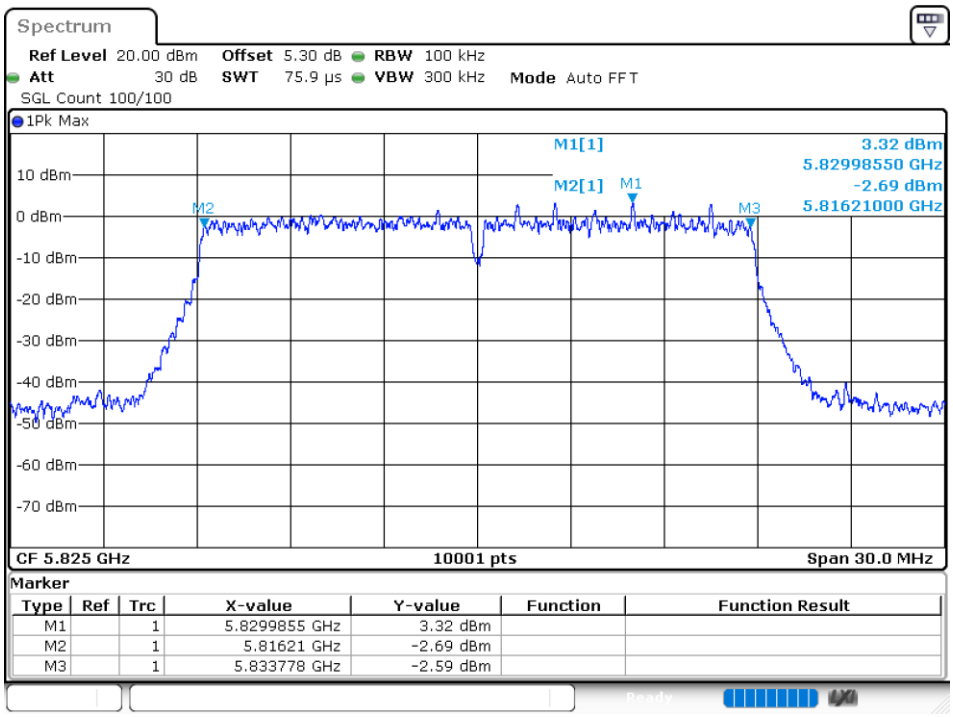
-6dB Bandwidth NVNT n20 5745MHz Ant2



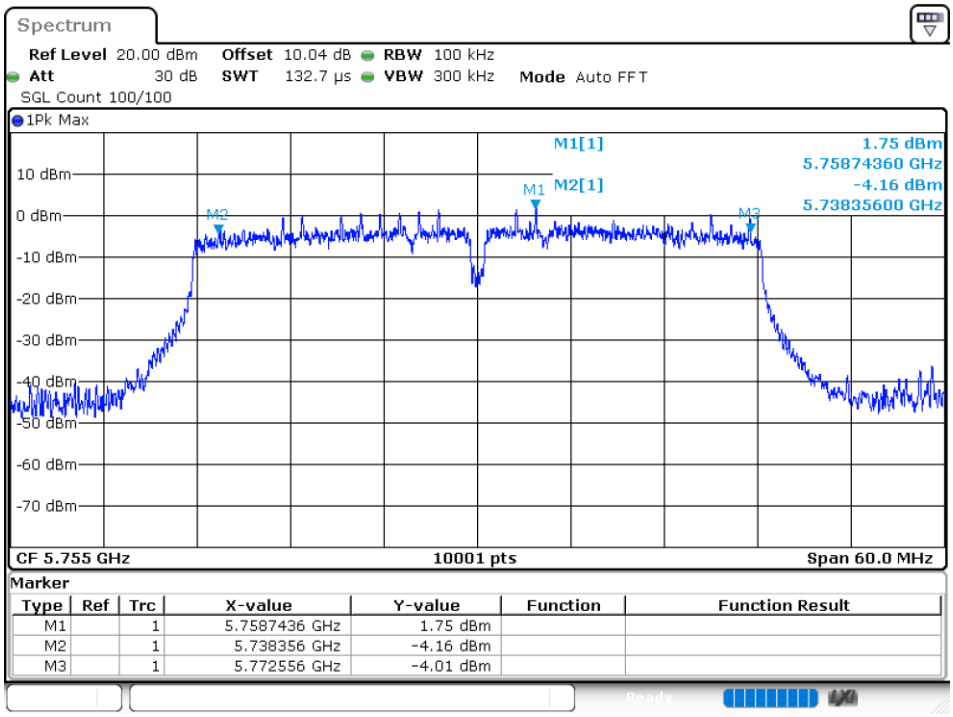
-6dB Bandwidth NVNT n20 5785MHz Ant2



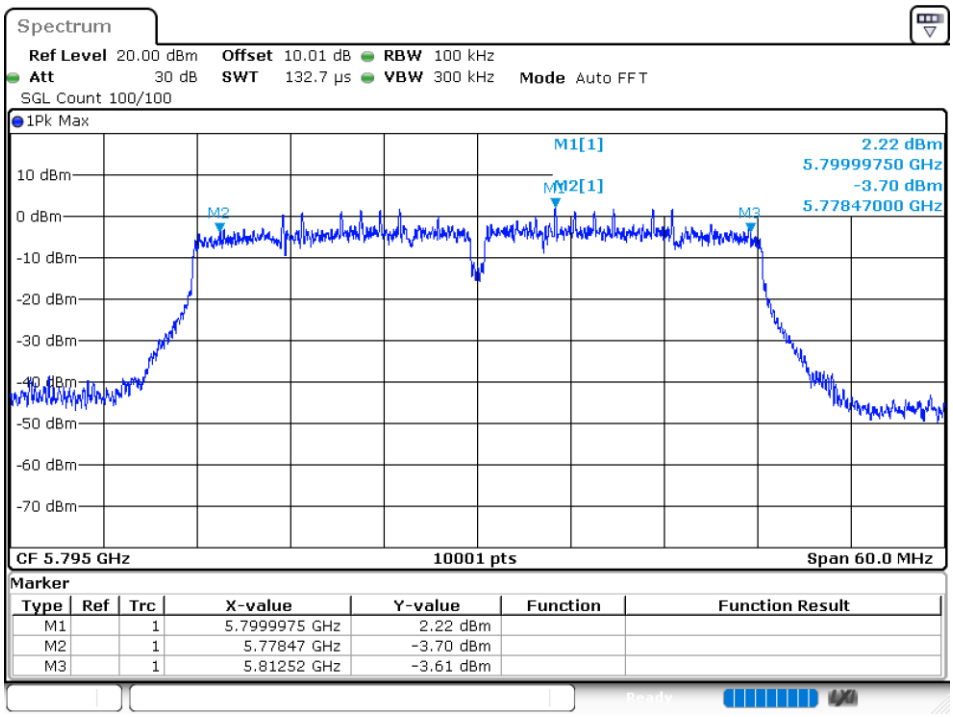
-6dB Bandwidth NVNT n20 5825MHz Ant2



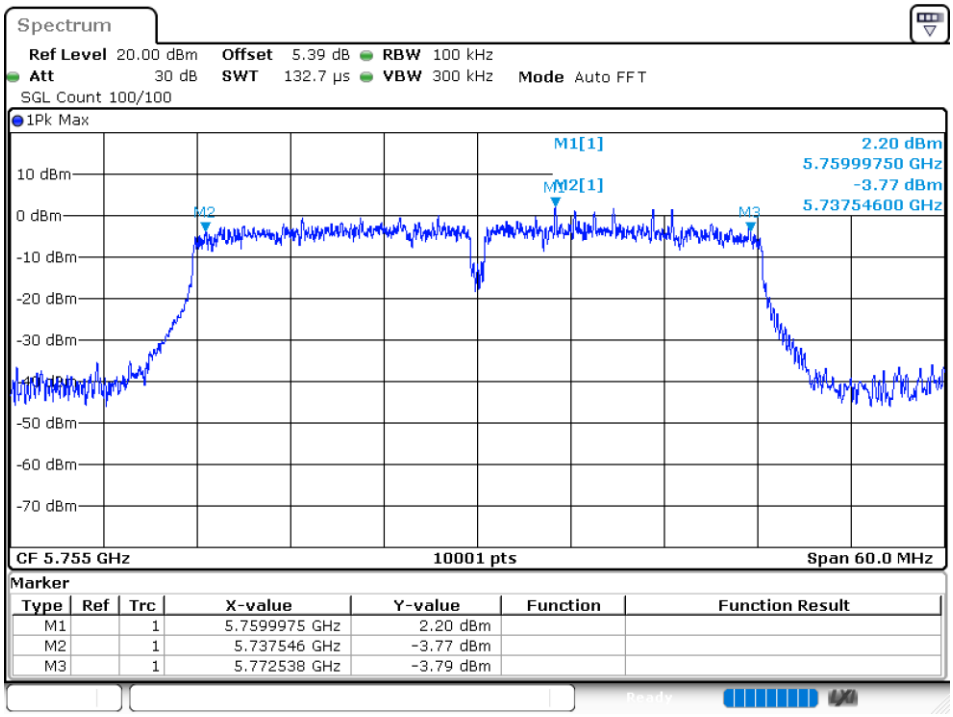
-6dB Bandwidth NVNT n40 5755MHz Ant1



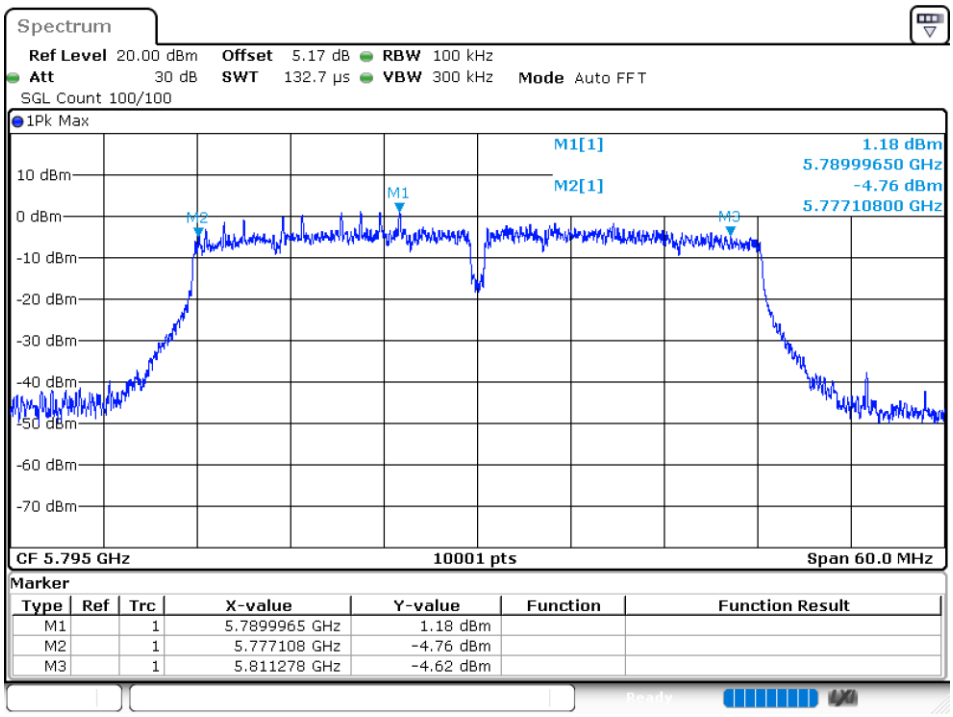
-6dB Bandwidth NVNT n40 5795MHz Ant1



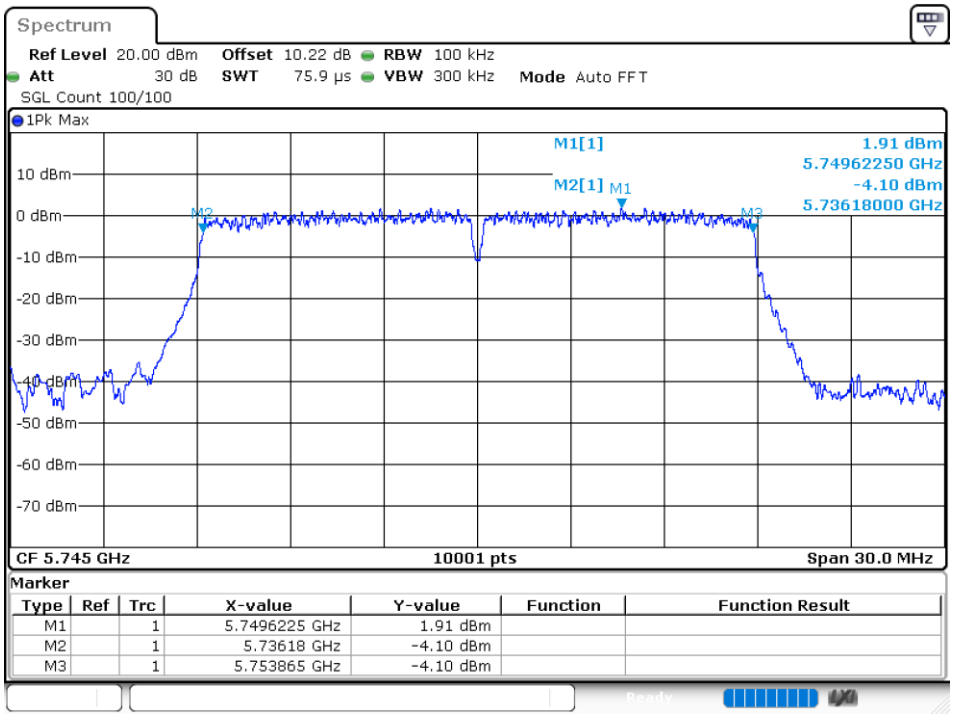
-6dB Bandwidth NVNT n40 5755MHz Ant2



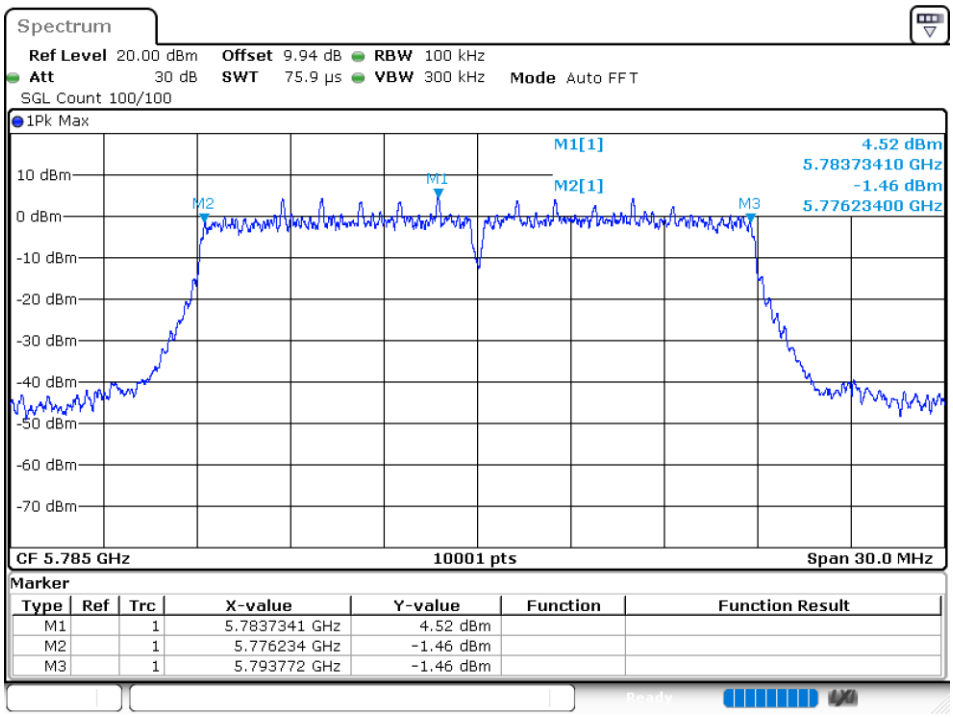
-6dB Bandwidth NVNT n40 5795MHz Ant2



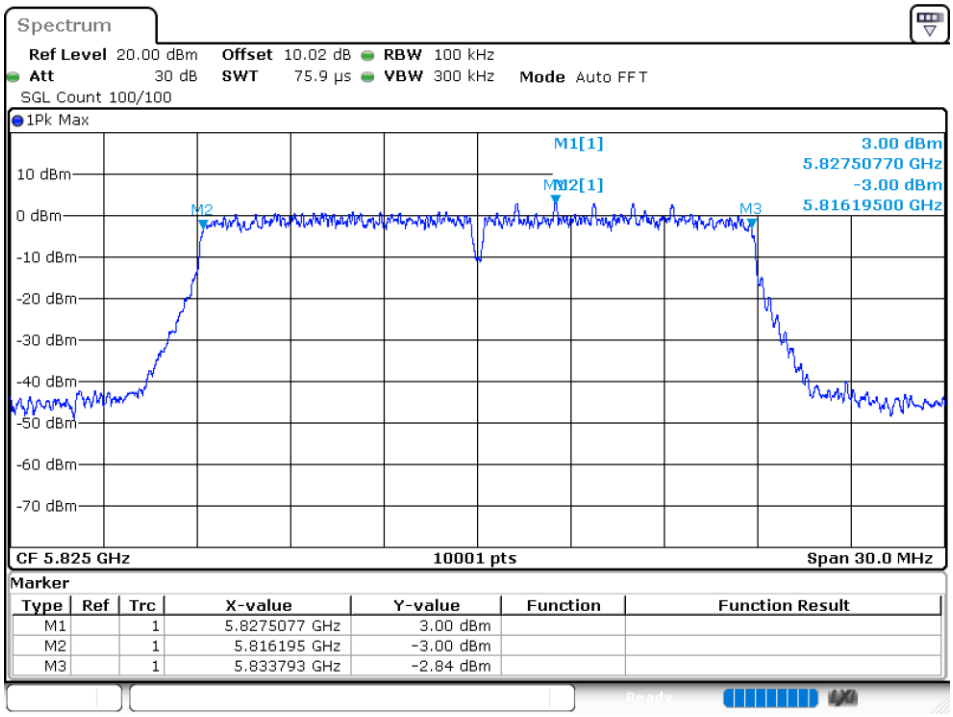
-6dB Bandwidth NVNT ac20 5745MHz Ant1



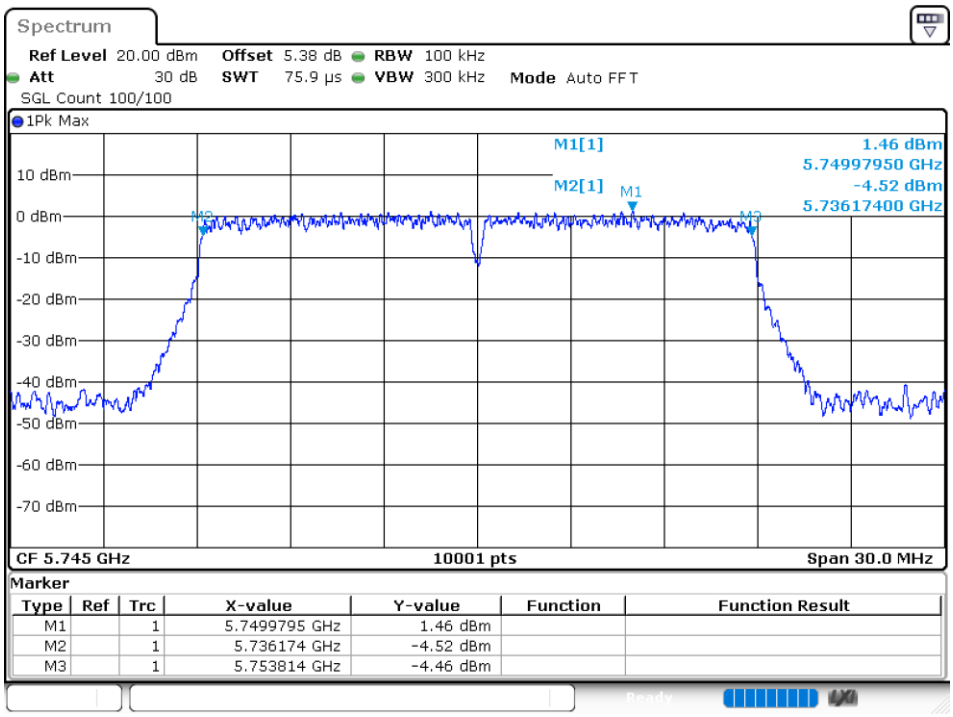
-6dB Bandwidth NVNT ac20 5785MHz Ant1



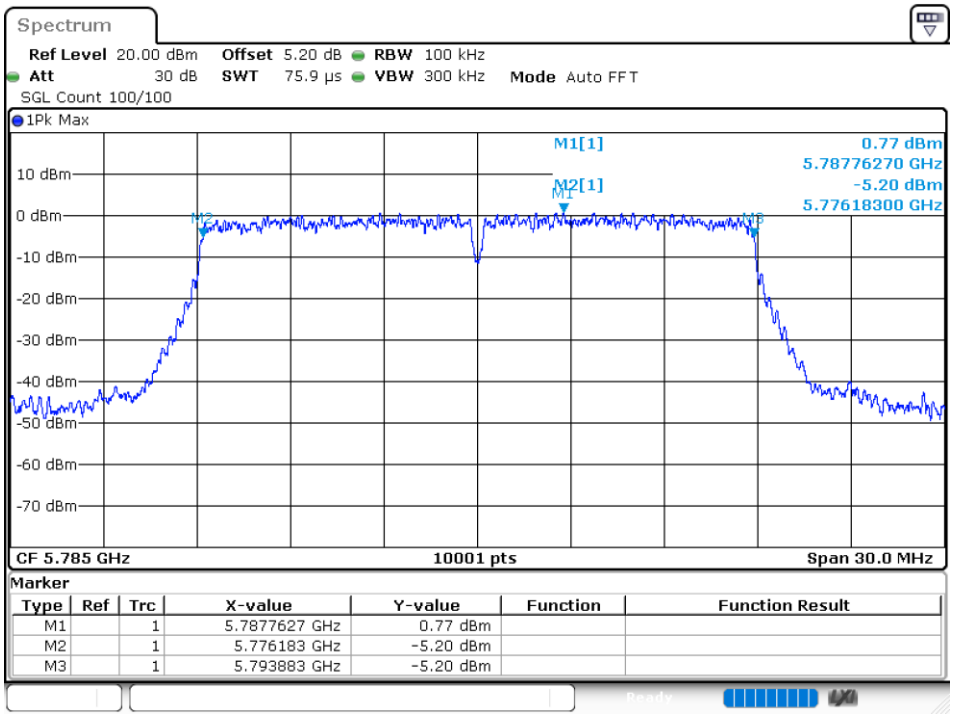
-6dB Bandwidth NVNT ac20 5825MHz Ant1



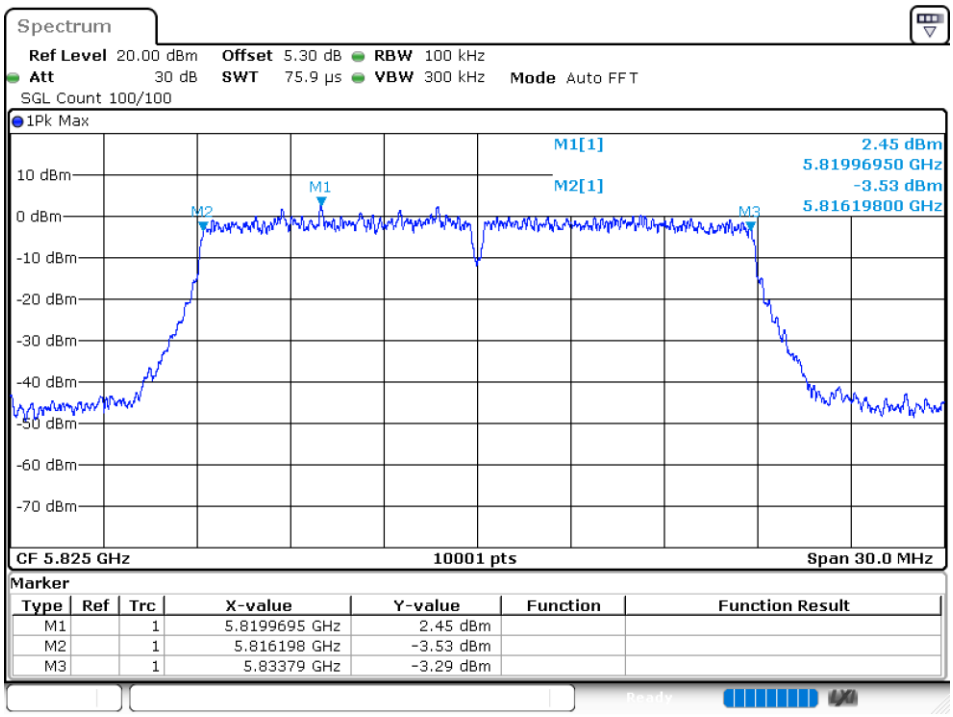
-6dB Bandwidth NVNT ac20 5745MHz Ant2



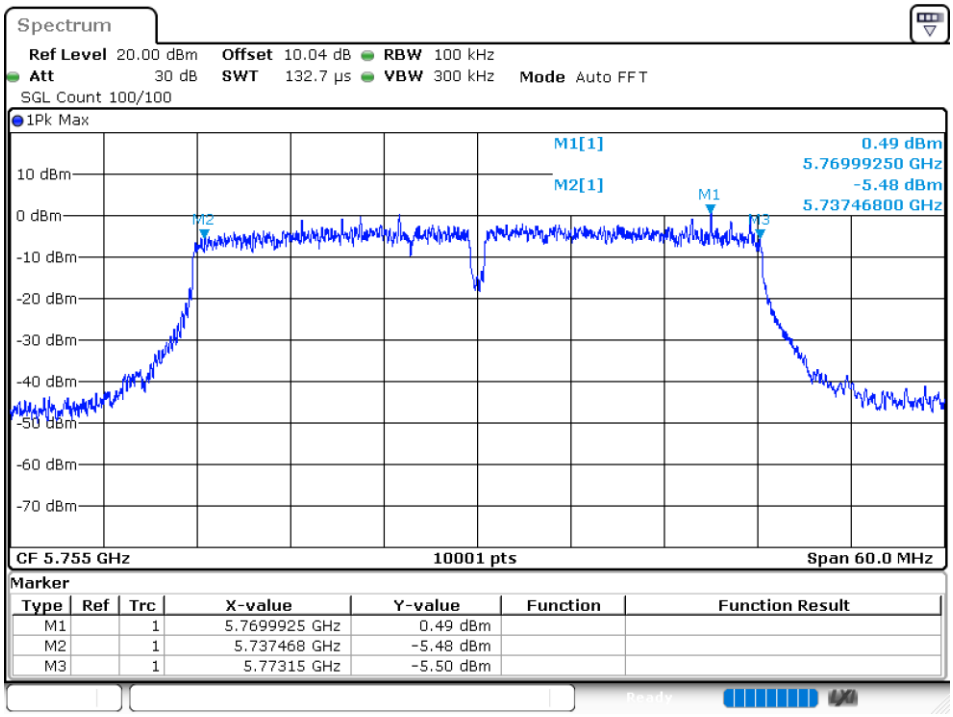
-6dB Bandwidth NVNT ac20 5785MHz Ant2



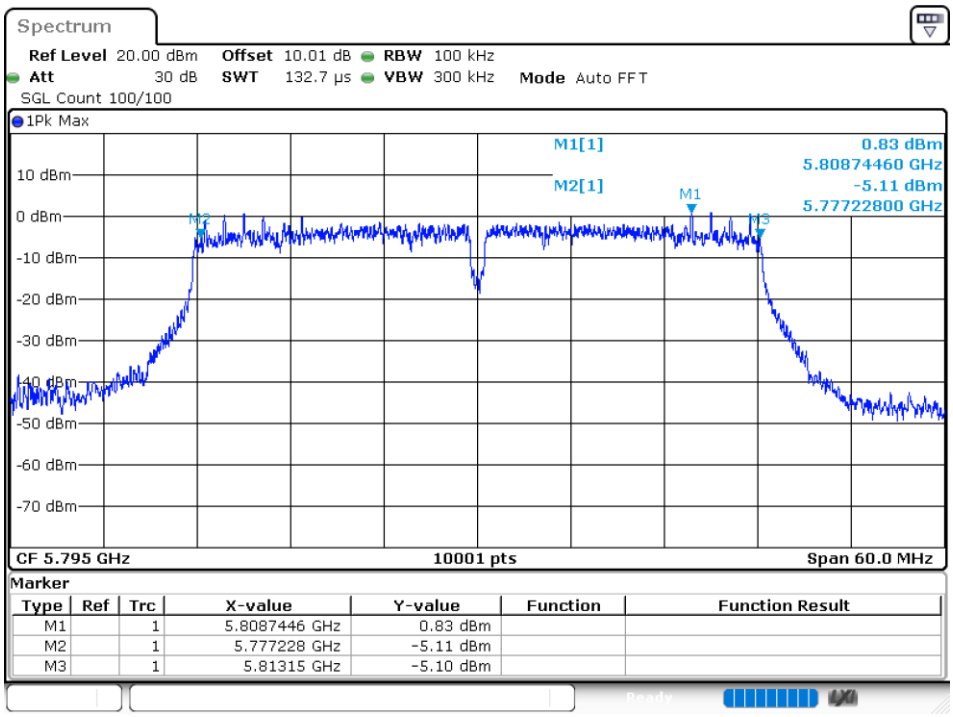
-6dB Bandwidth NVNT ac20 5825MHz Ant2



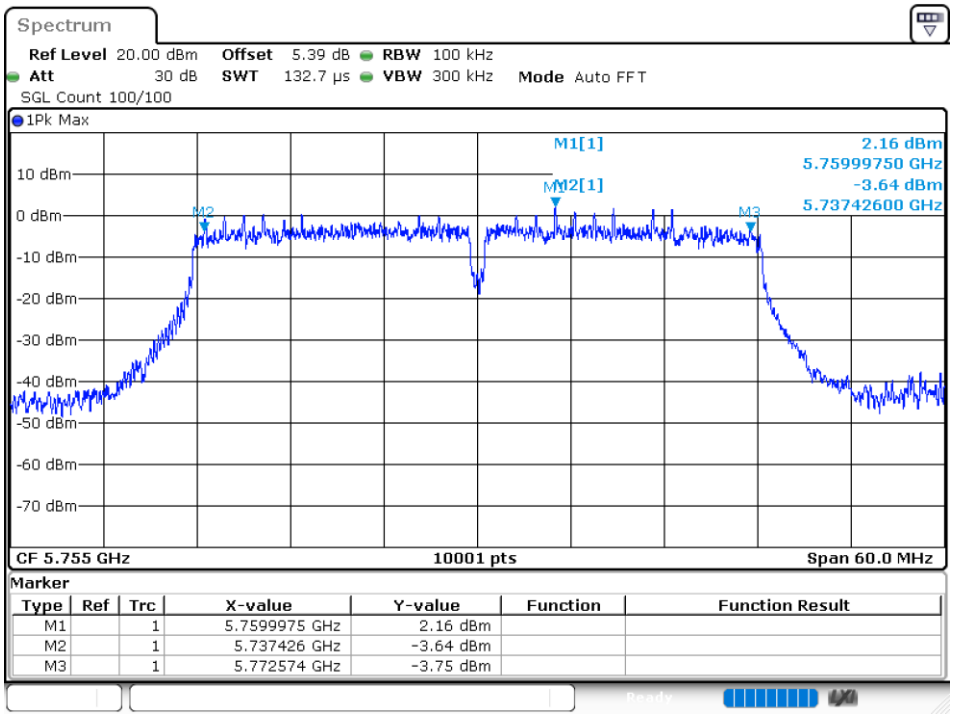
-6dB Bandwidth NVNT ac40 5755MHz Ant1



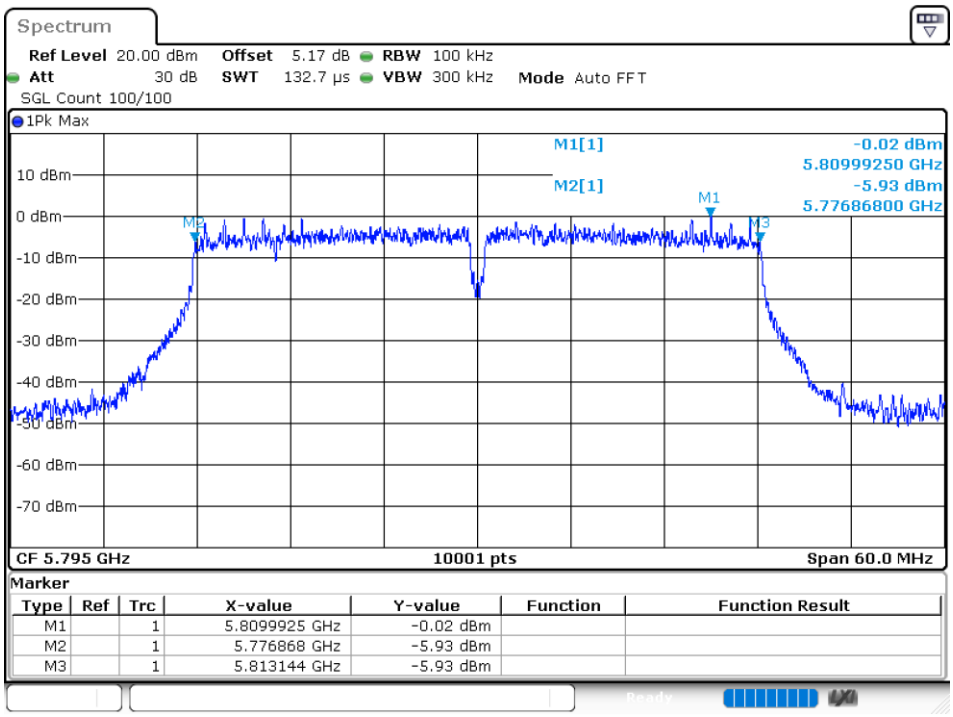
-6dB Bandwidth NVNT ac40 5795MHz Ant1



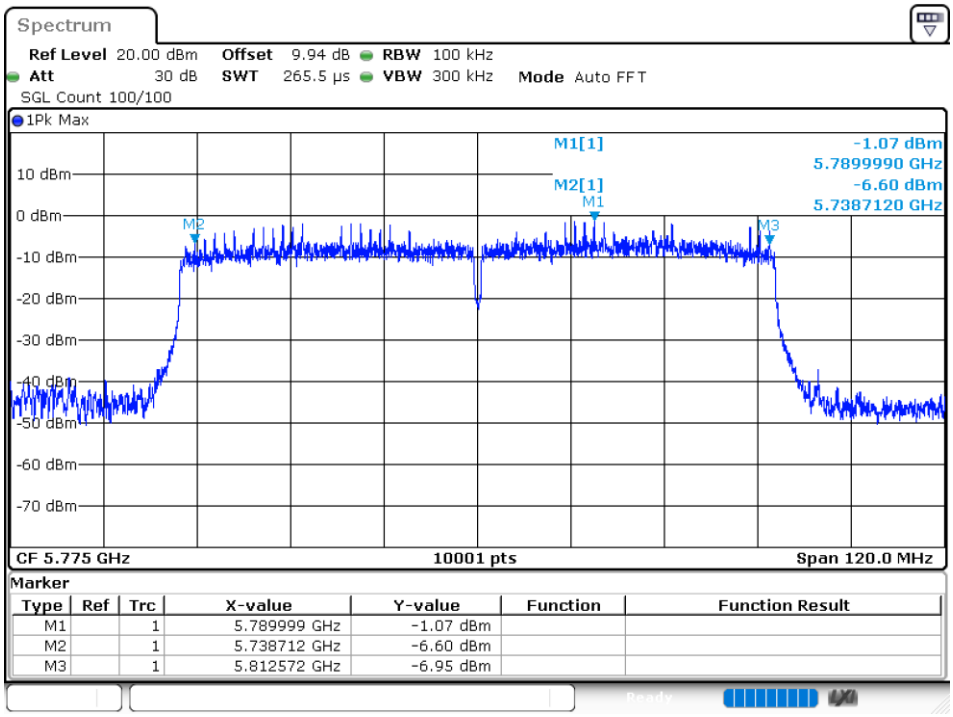
-6dB Bandwidth NVNT ac40 5755MHz Ant2



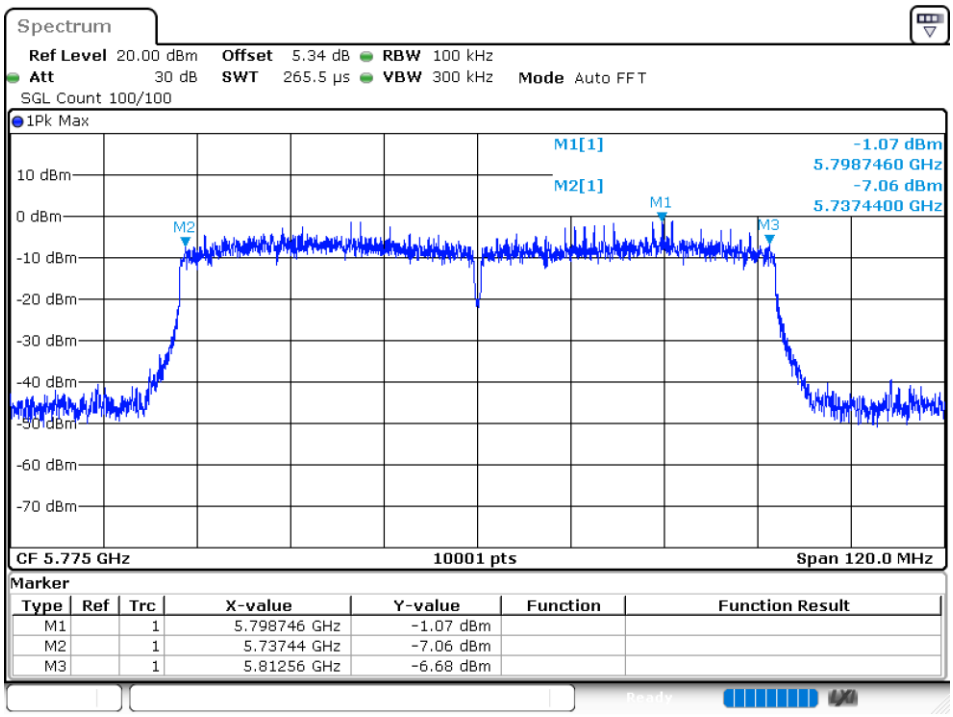
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2

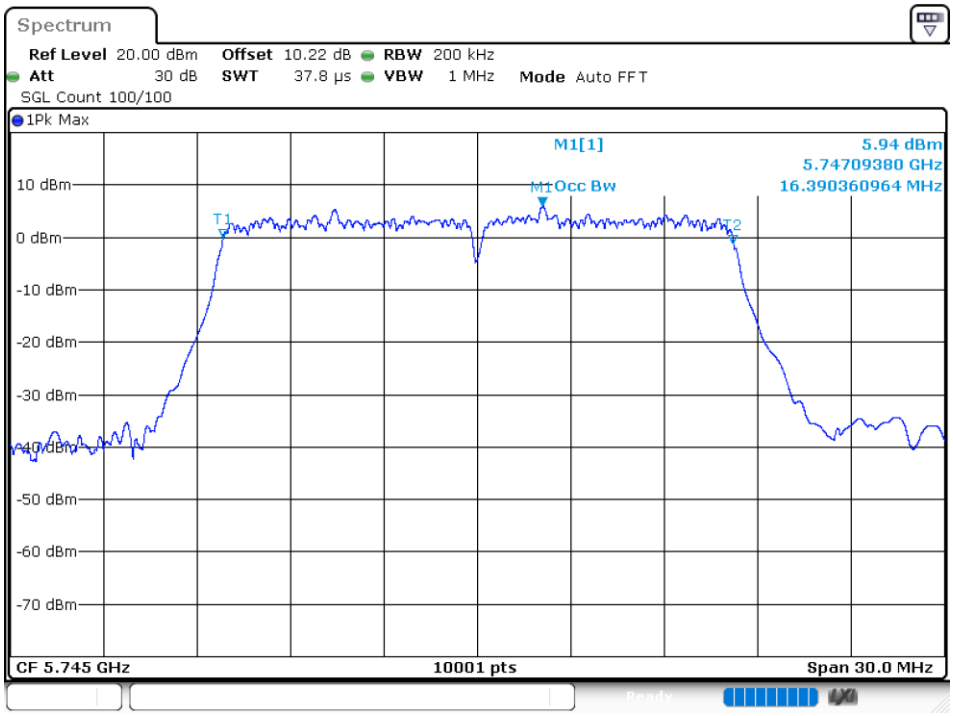


Occupied Channel Bandwidth

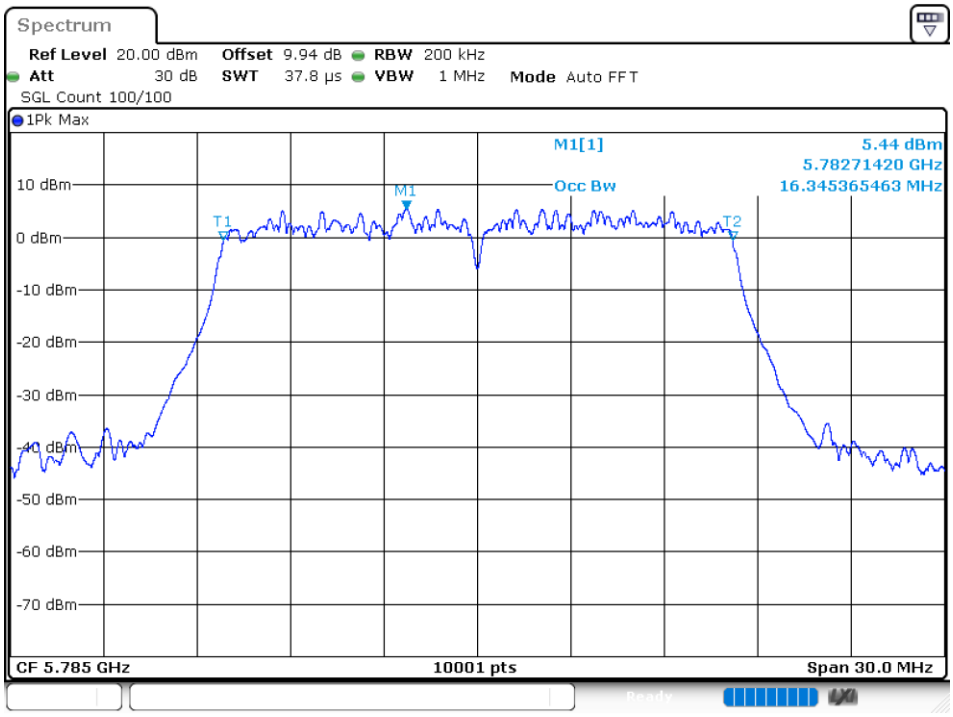
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.39
NVNT	a	5785	Ant1	16.345
NVNT	a	5825	Ant1	16.363
NVNT	a	5745	Ant2	16.315
NVNT	a	5785	Ant2	16.339
NVNT	a	5825	Ant2	16.372
NVNT	n20	5745	Ant1	17.572
NVNT	n20	5785	Ant1	17.503
NVNT	n20	5825	Ant1	17.563
NVNT	n20	5745	Ant2	17.545
NVNT	n20	5785	Ant2	17.539
NVNT	n20	5825	Ant2	17.548
NVNT	n40	5755	Ant1	36.14
NVNT	n40	5795	Ant1	36.2
NVNT	n40	5755	Ant2	36.146
NVNT	n40	5795	Ant2	36.098
NVNT	ac20	5745	Ant1	17.548
NVNT	ac20	5785	Ant1	17.566
NVNT	ac20	5825	Ant1	17.53
NVNT	ac20	5745	Ant2	17.521
NVNT	ac20	5785	Ant2	17.53
NVNT	ac20	5825	Ant2	17.575
NVNT	ac40	5755	Ant1	36.146
NVNT	ac40	5795	Ant1	36.116
NVNT	ac40	5755	Ant2	36.188
NVNT	ac40	5795	Ant2	36.122
NVNT	ac80	5775	Ant1	75.292
NVNT	ac80	5775	Ant2	75.364

Test Graphs

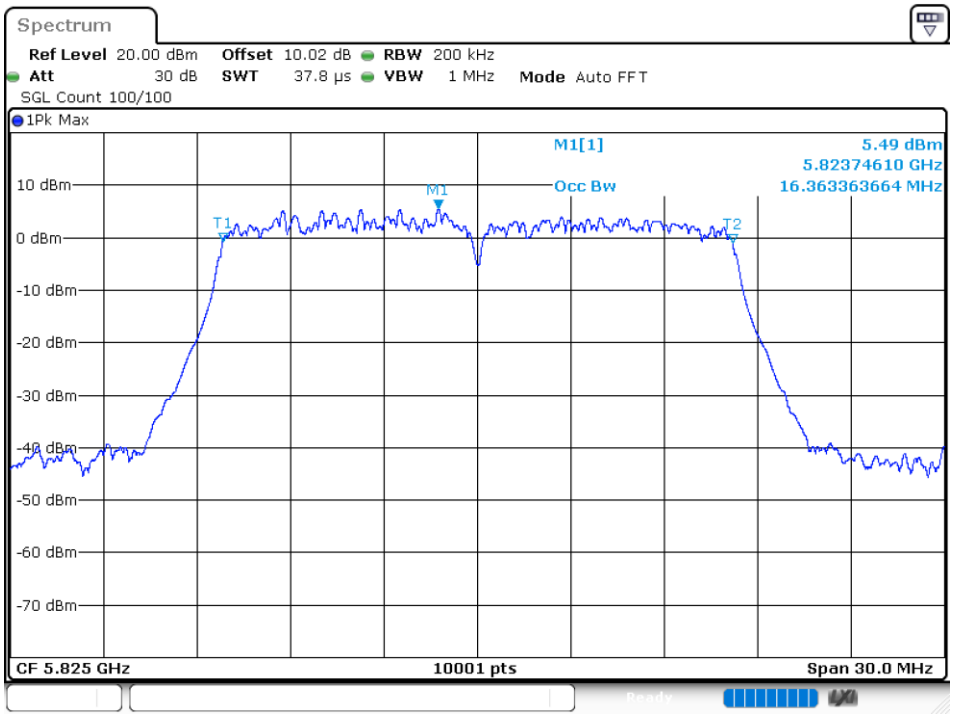
OBW NVNT a 5745MHz Ant1



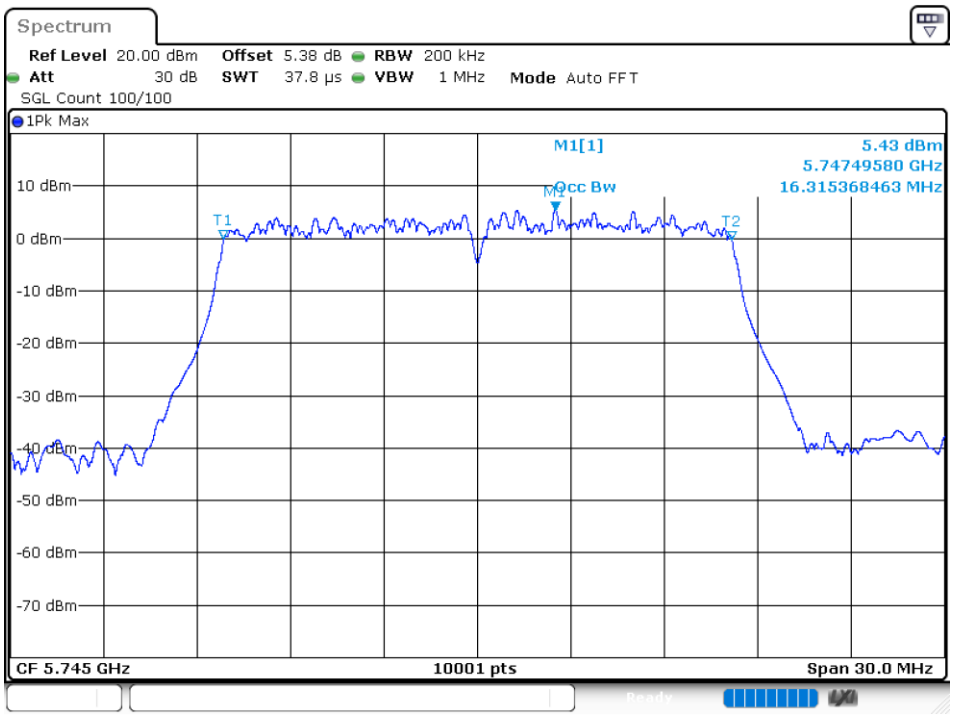
OBW NVNT a 5785MHz Ant1



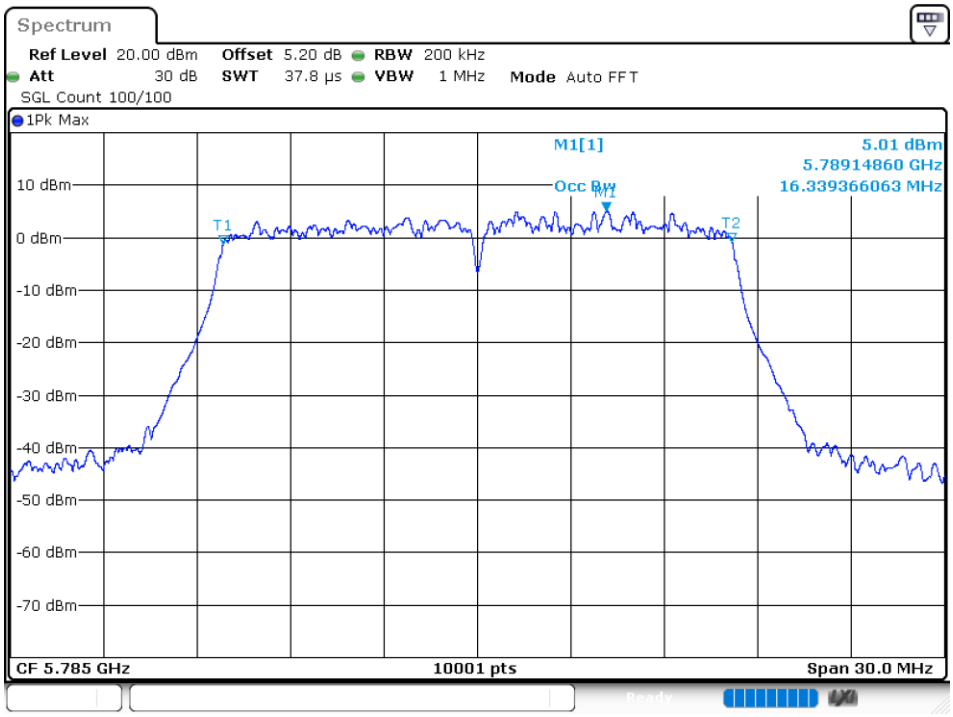
OBW NVNT a 5825MHz Ant1



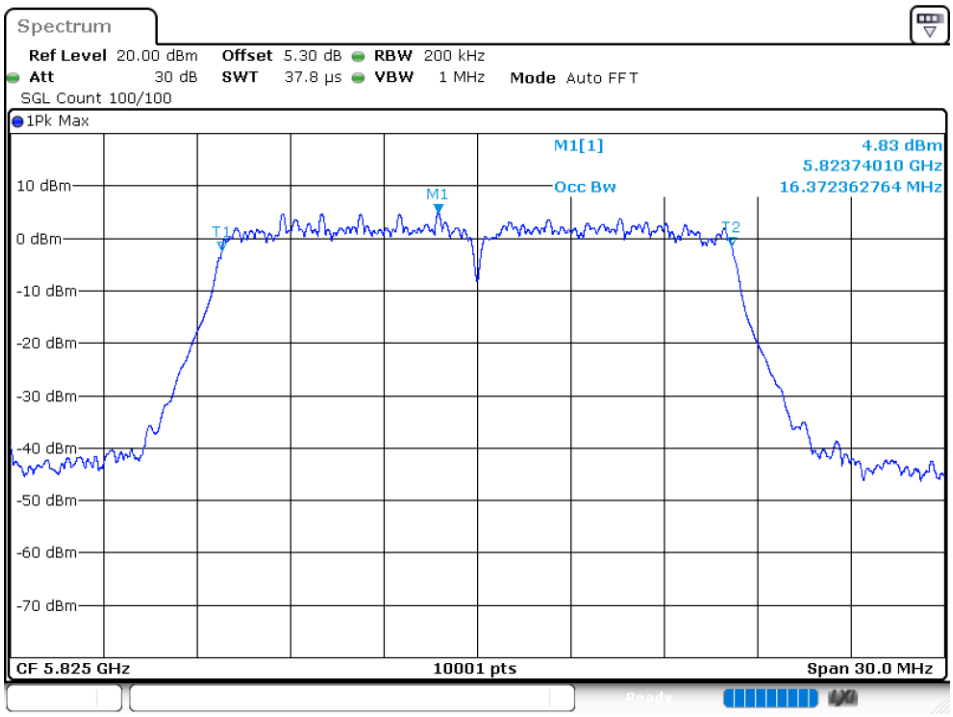
OBW NVNT a 5745MHz Ant2



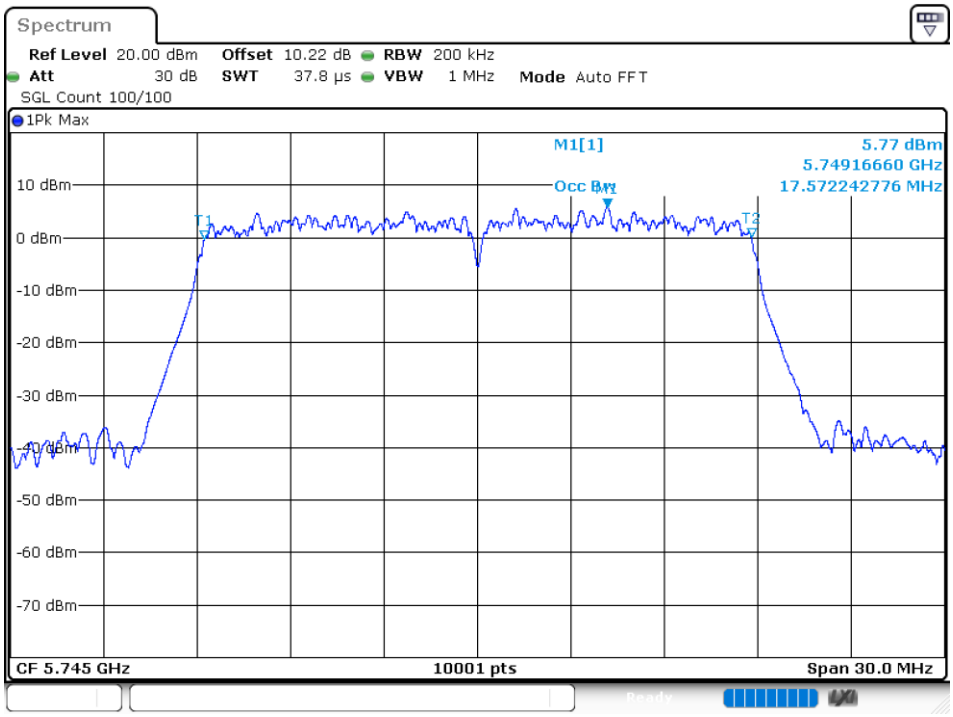
OBW NVNT a 5785MHz Ant2



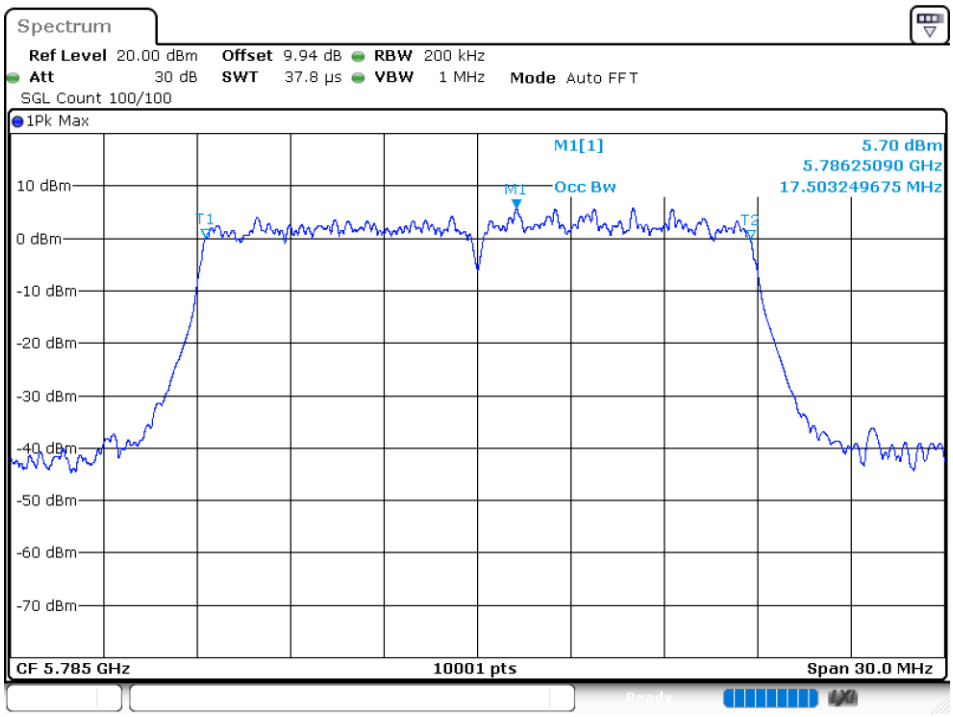
OBW NVNT a 5825MHz Ant2



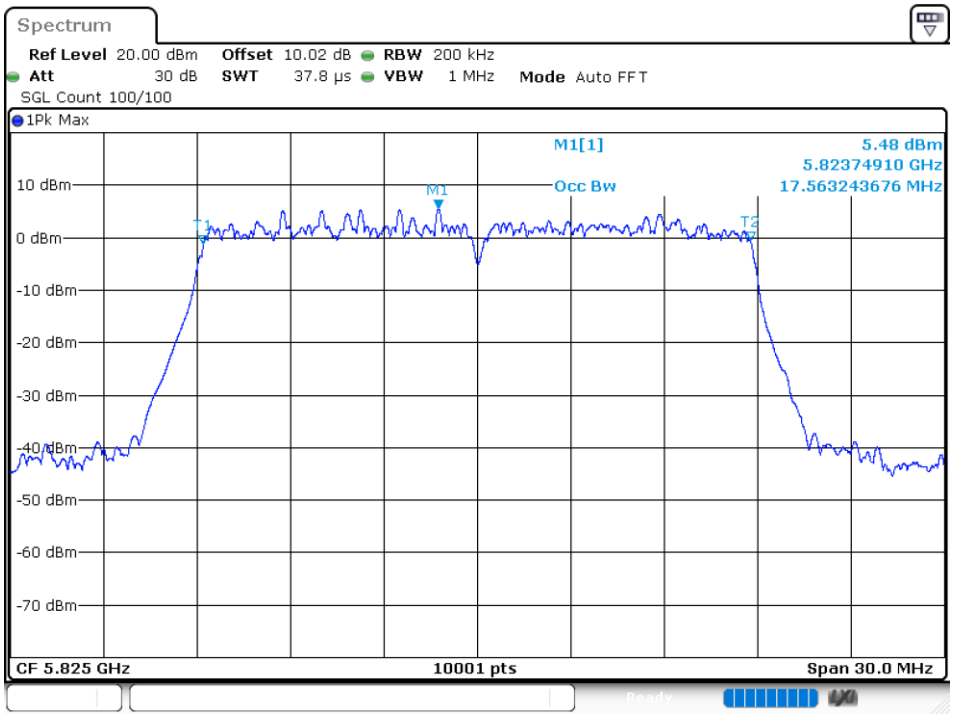
OBW NVNT n20 5745MHz Ant1



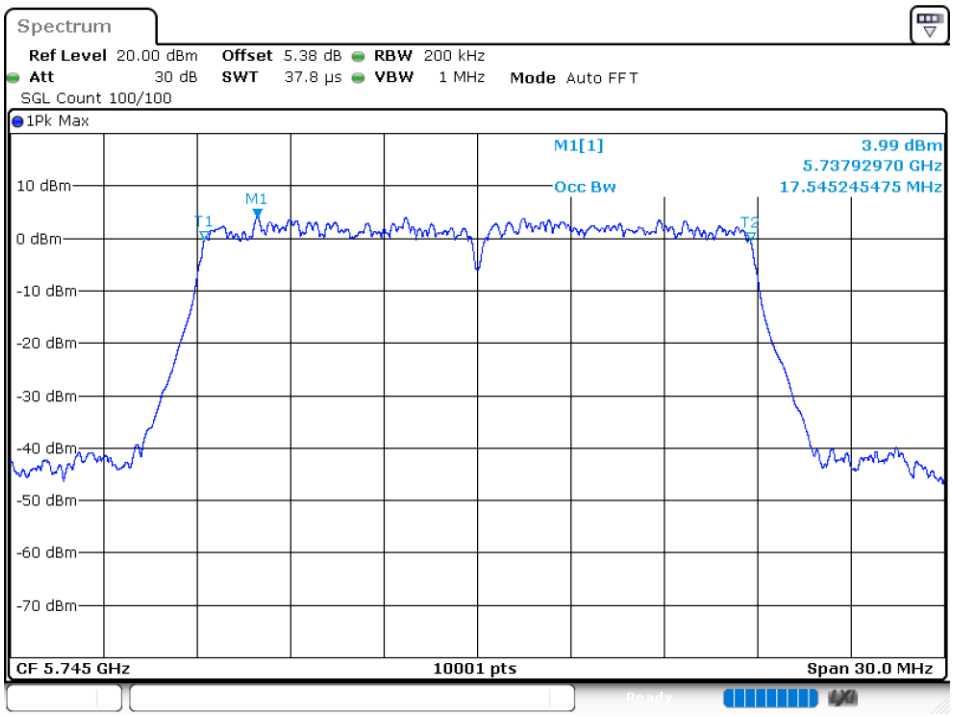
OBW NVNT n20 5785MHz Ant1



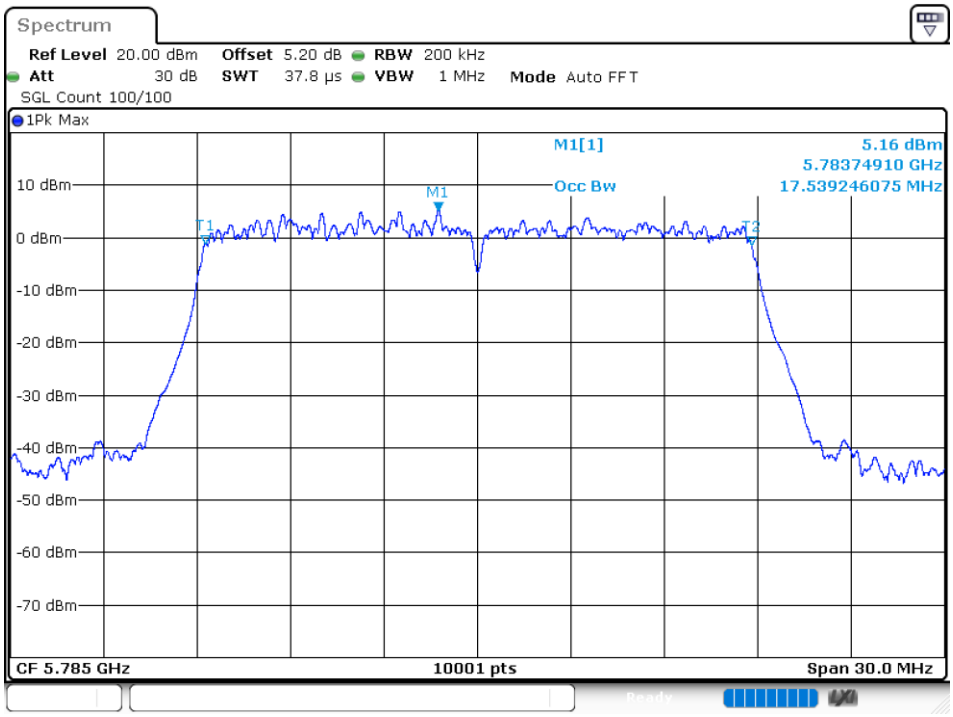
OBW NVNT n20 5825MHz Ant1



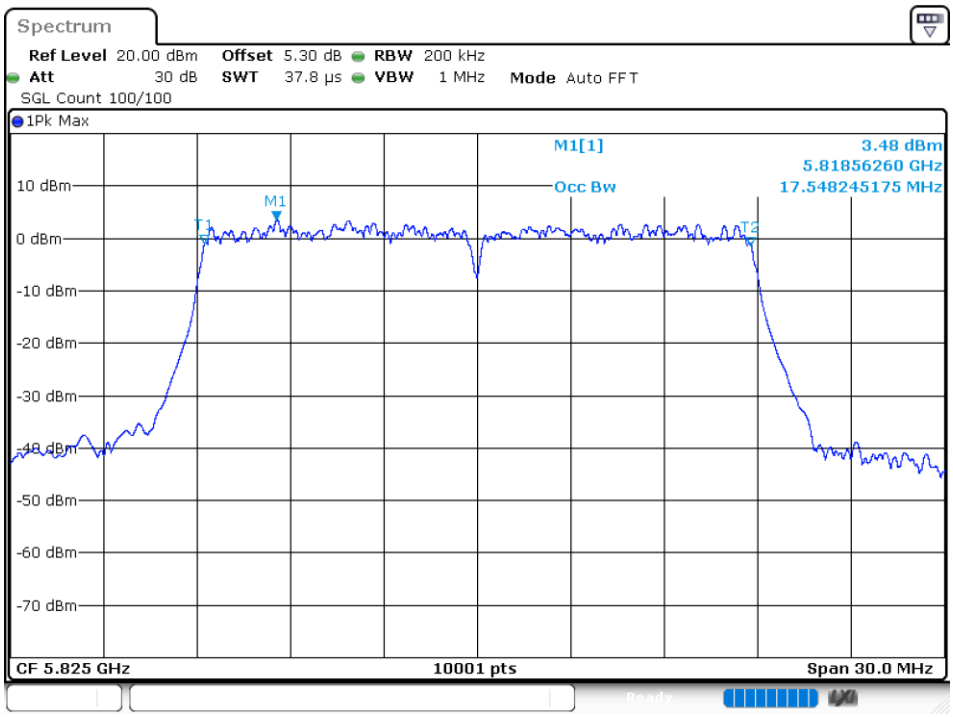
OBW NVNT n20 5745MHz Ant2



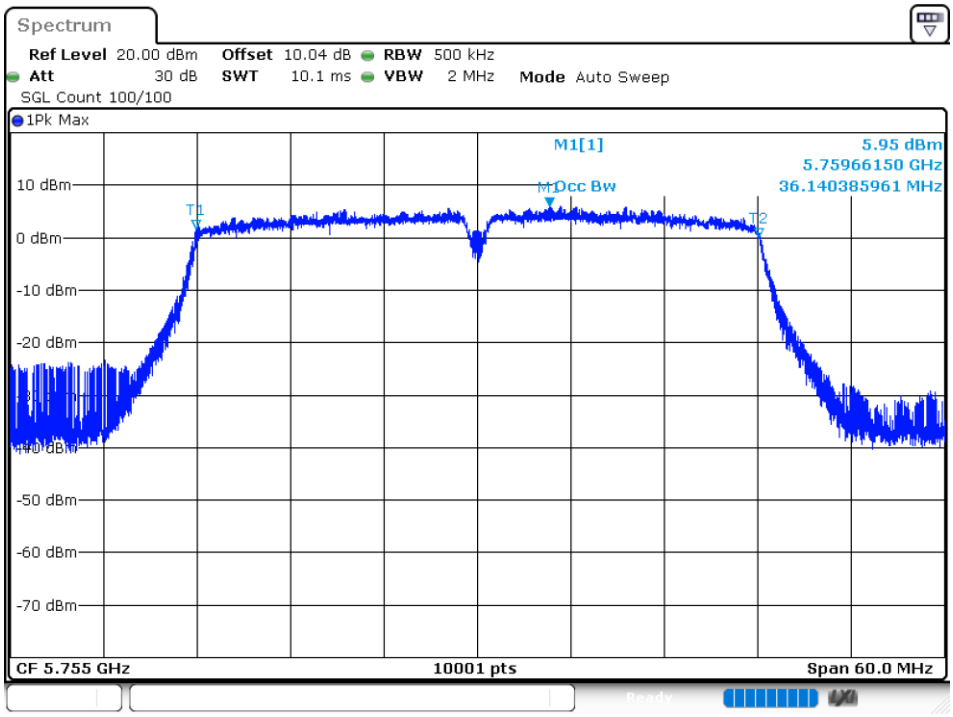
OBW NVNT n20 5785MHz Ant2



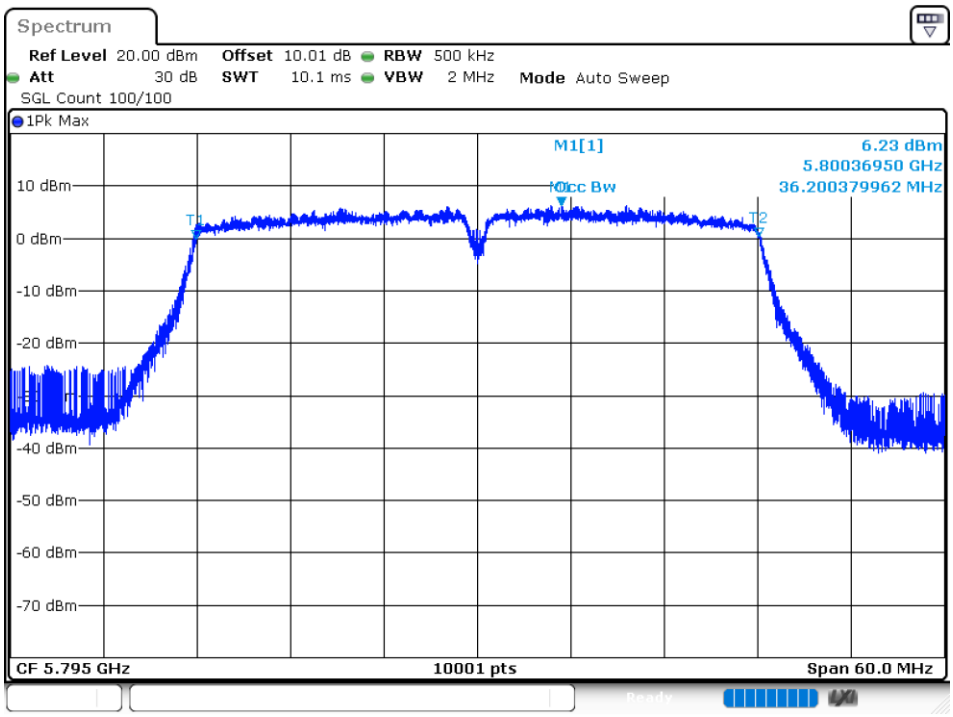
OBW NVNT n20 5825MHz Ant2



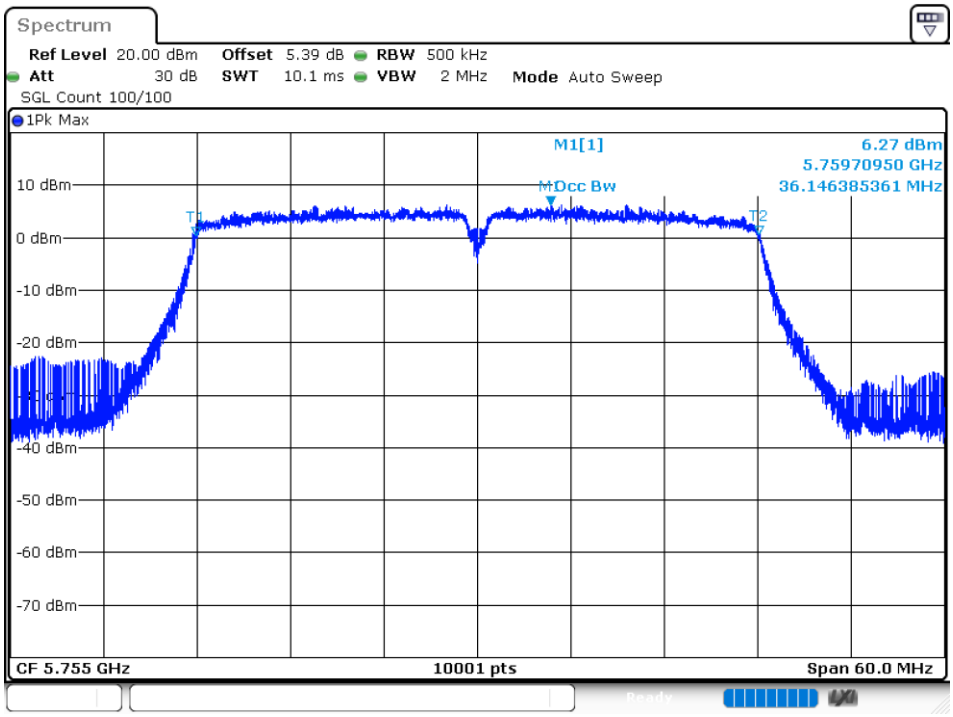
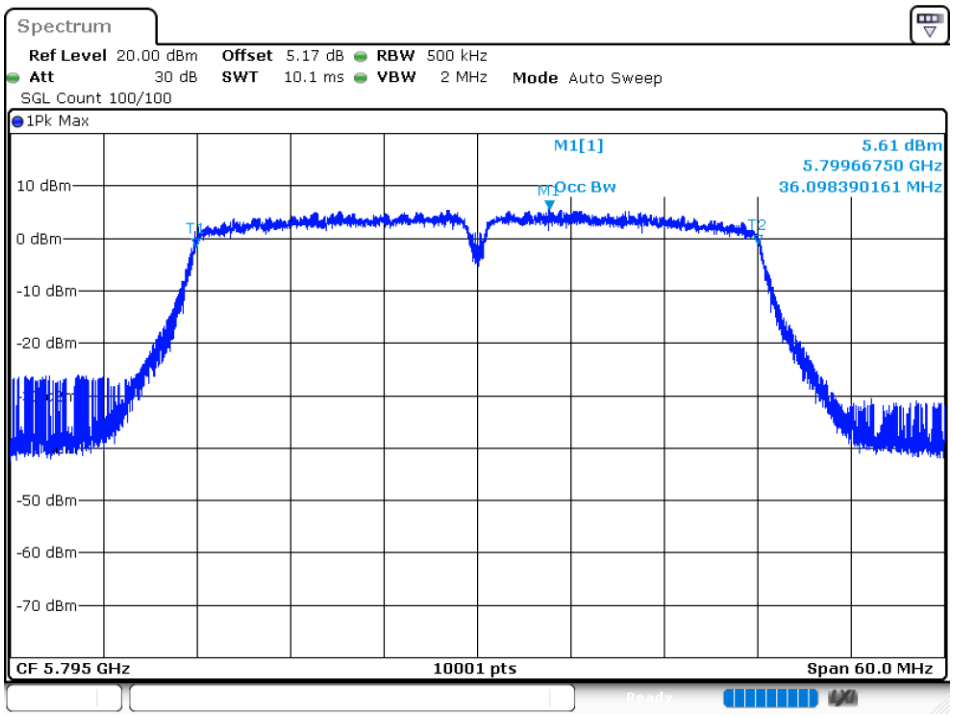
OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2