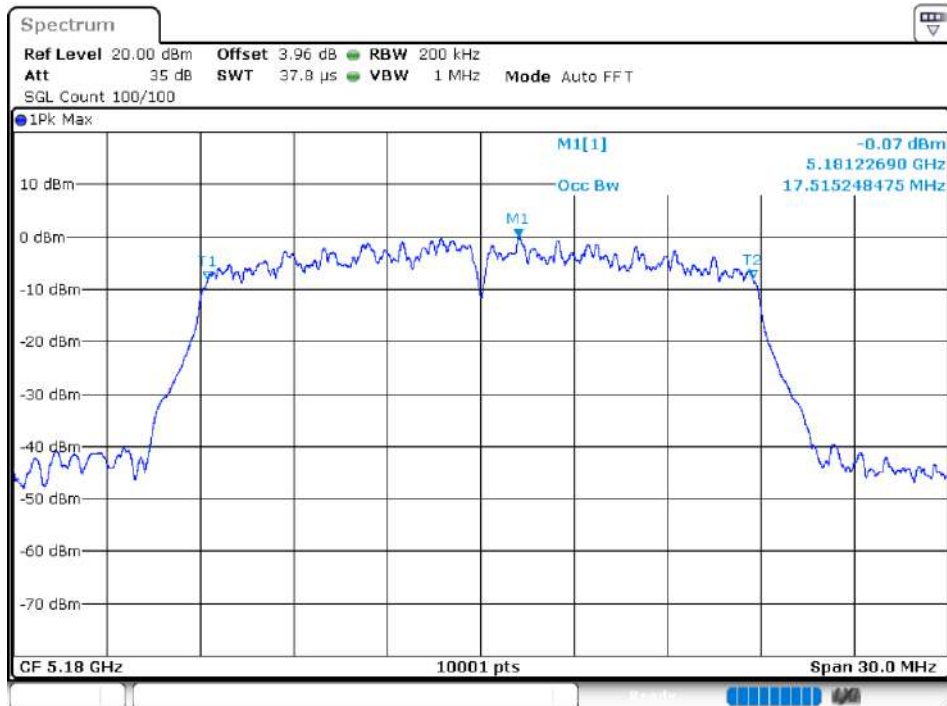
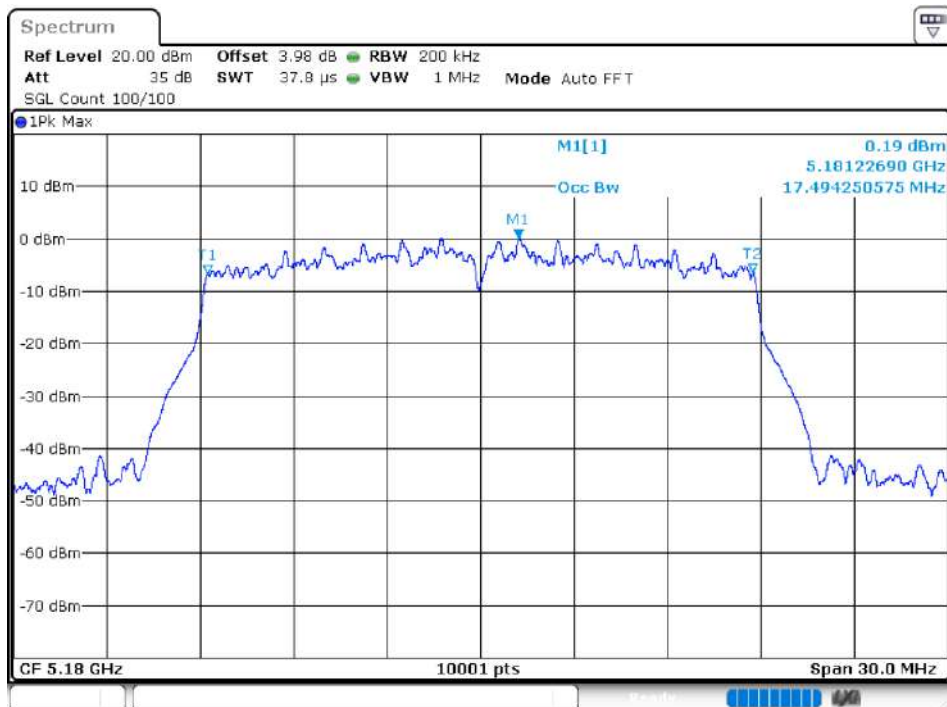


Test Graphs

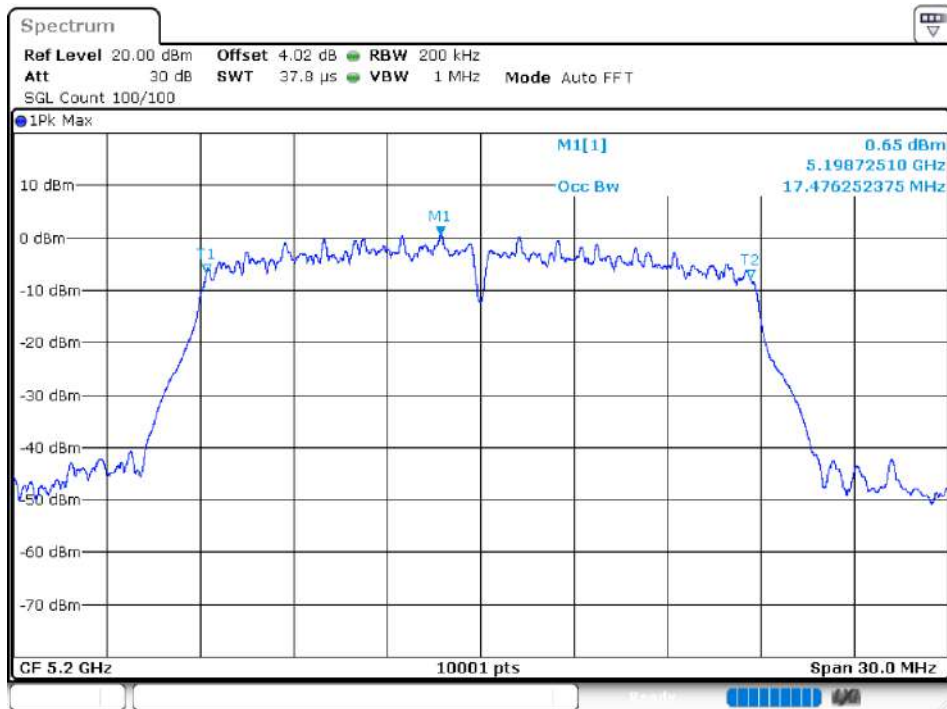
OBW NVNT ac20 5180MHz Ant1



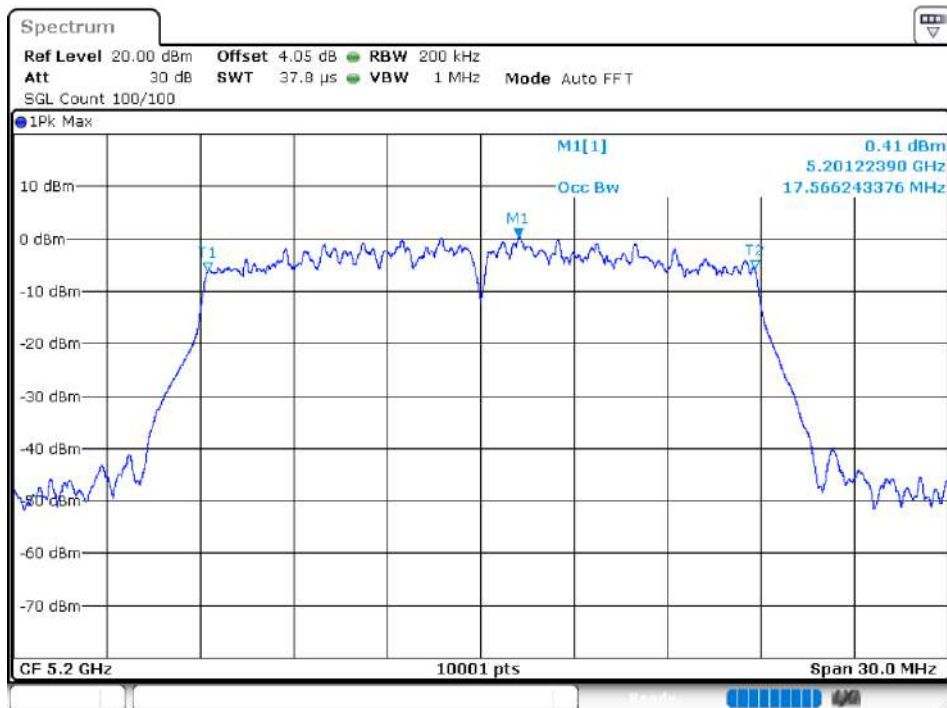
OBW NVNT ac20 5180MHz Ant2



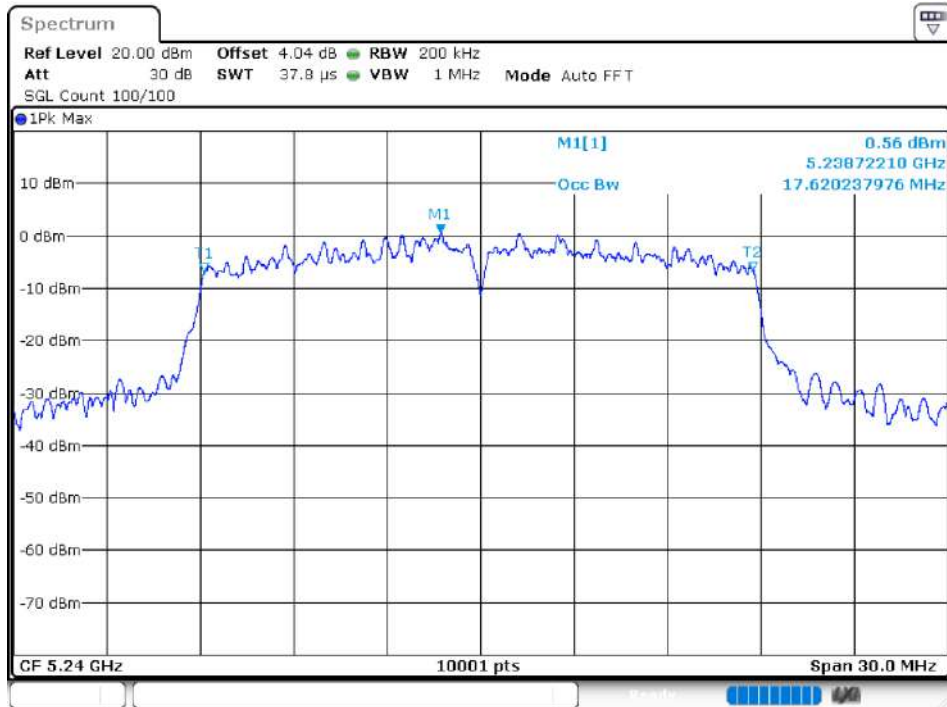
OBW NVNT ac20 5200MHz Ant1



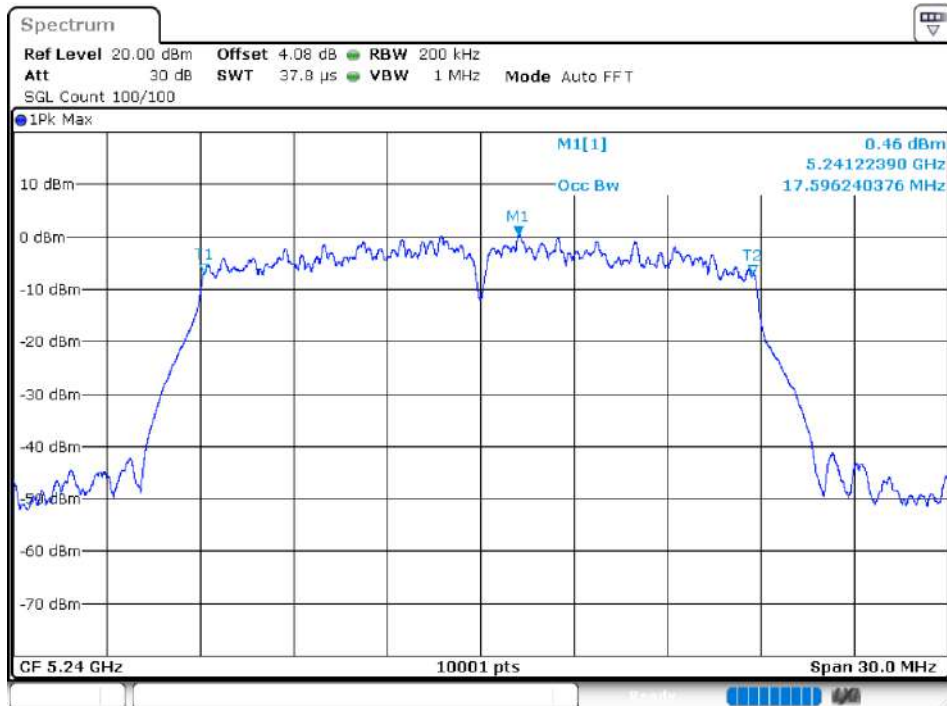
OBW NVNT ac20 5200MHz Ant2



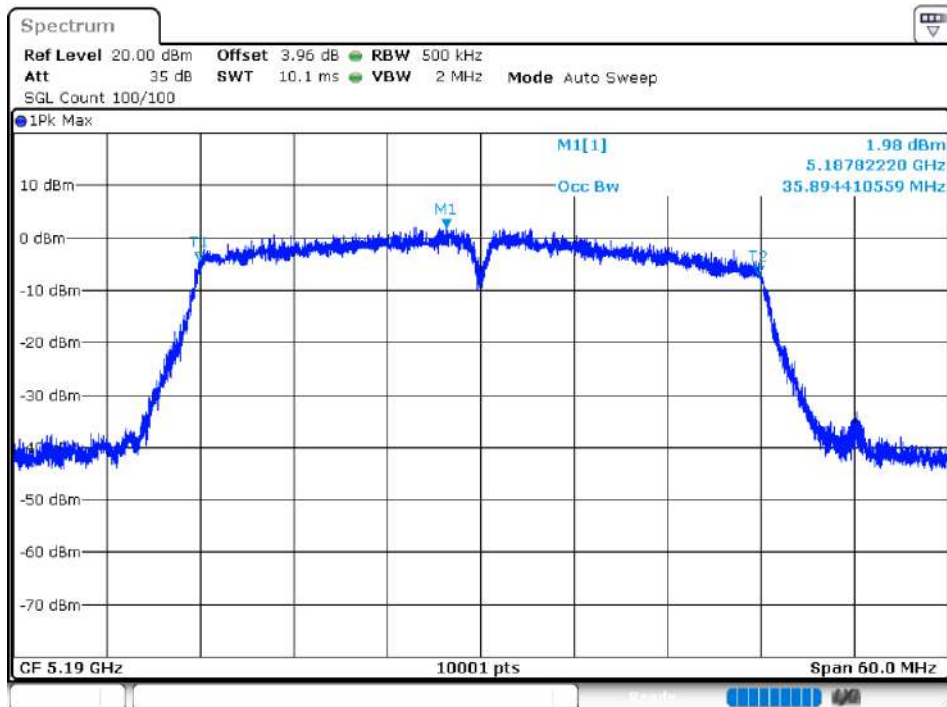
OBW NVNT ac20 5240MHz Ant1



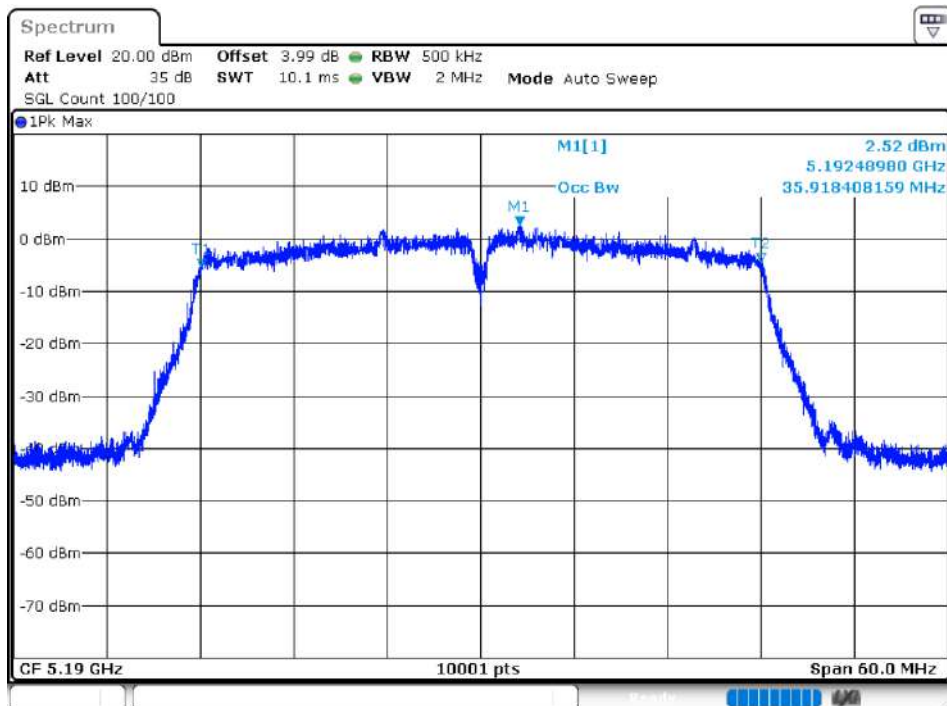
OBW NVNT ac20 5240MHz Ant2



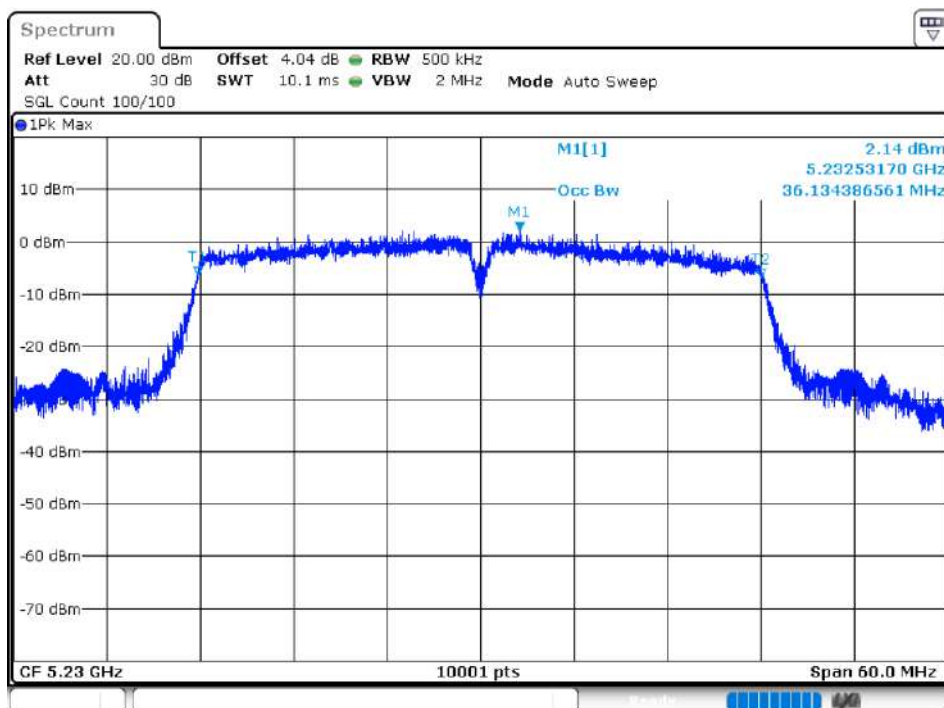
OBW NVNT ac40 5190MHz Ant1



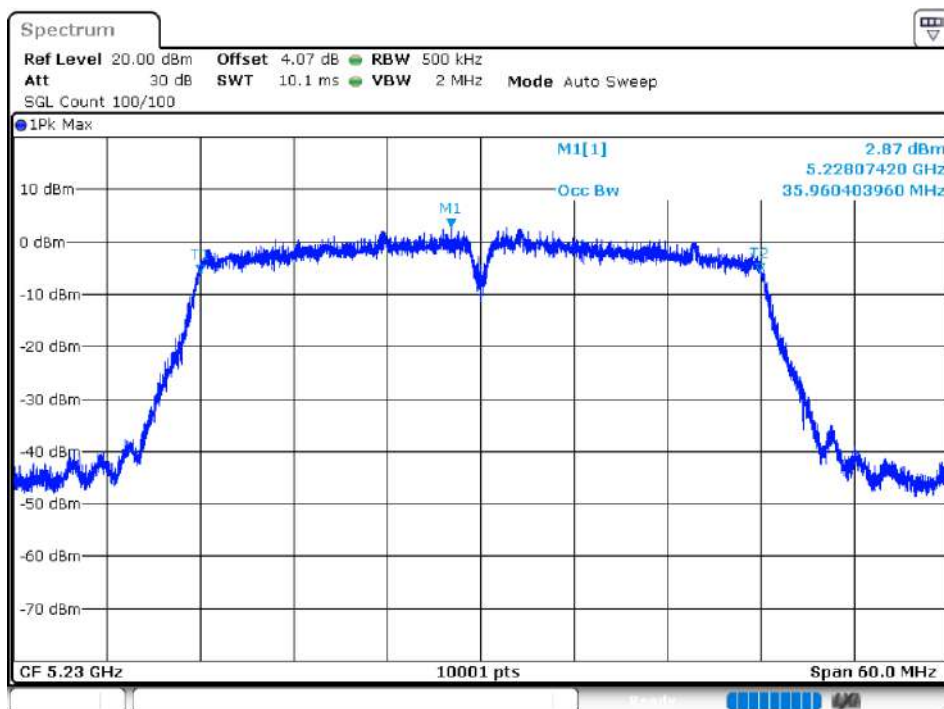
OBW NVNT ac40 5190MHz Ant2

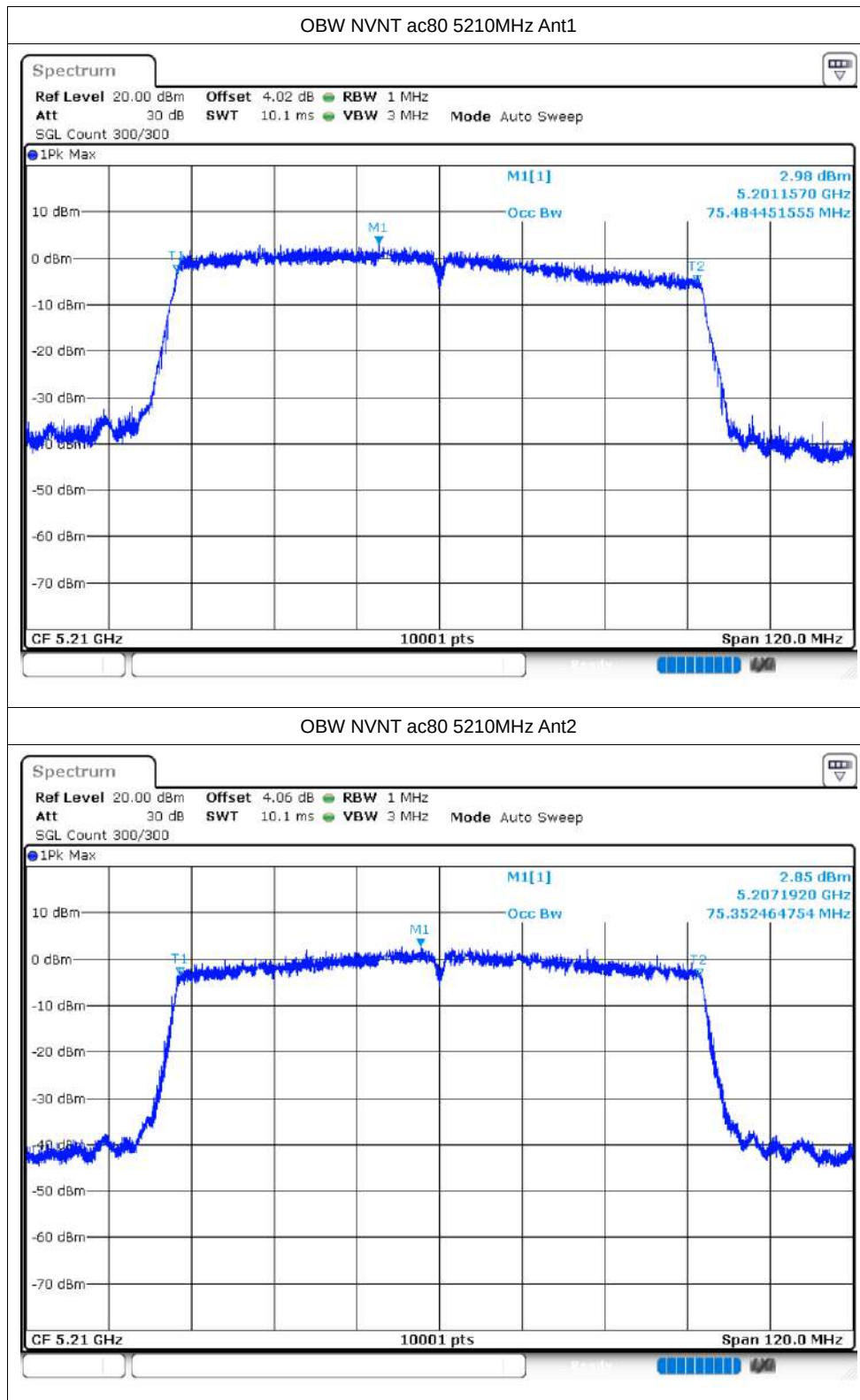


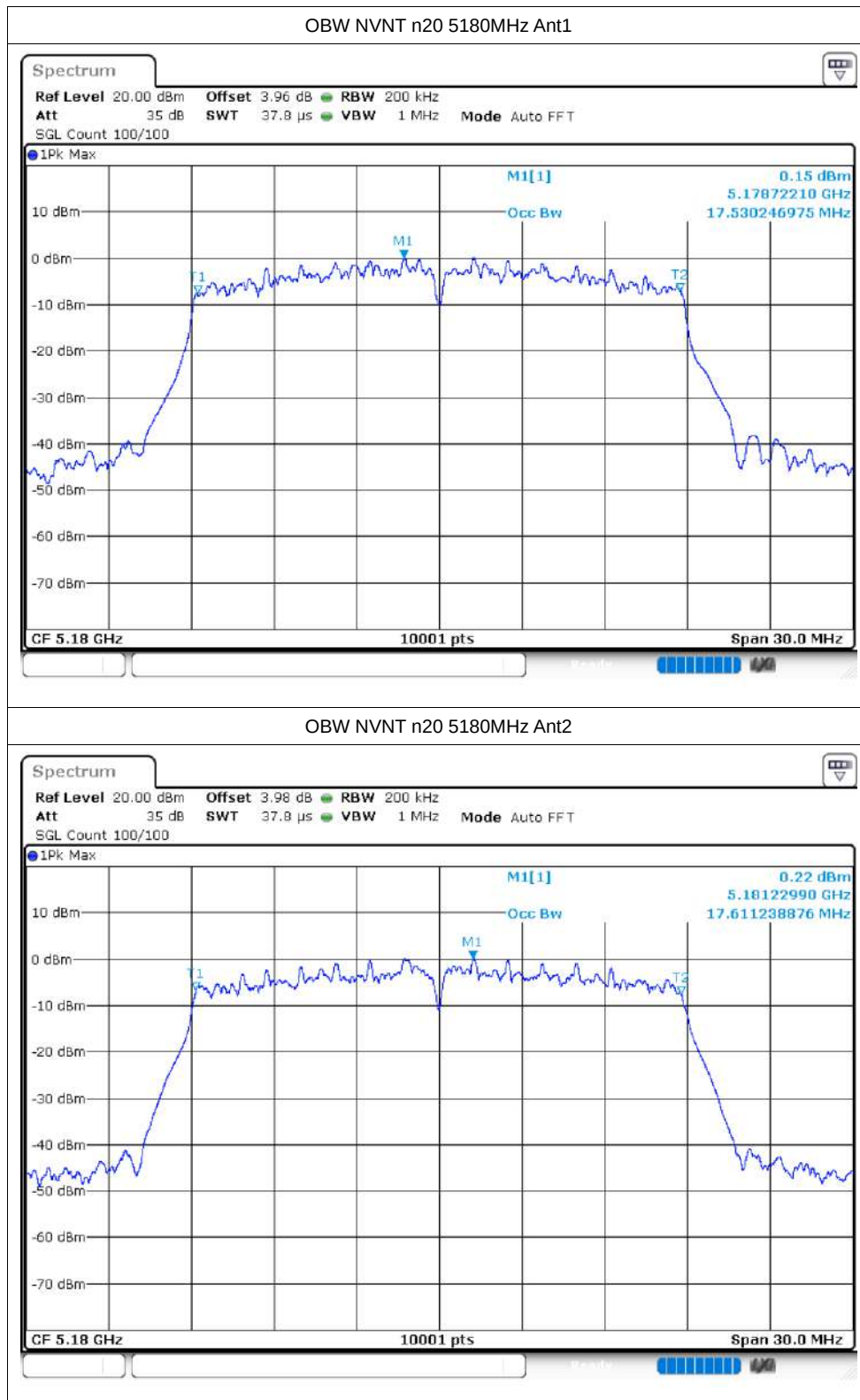
OBW NVNT ac40 5230MHz Ant1

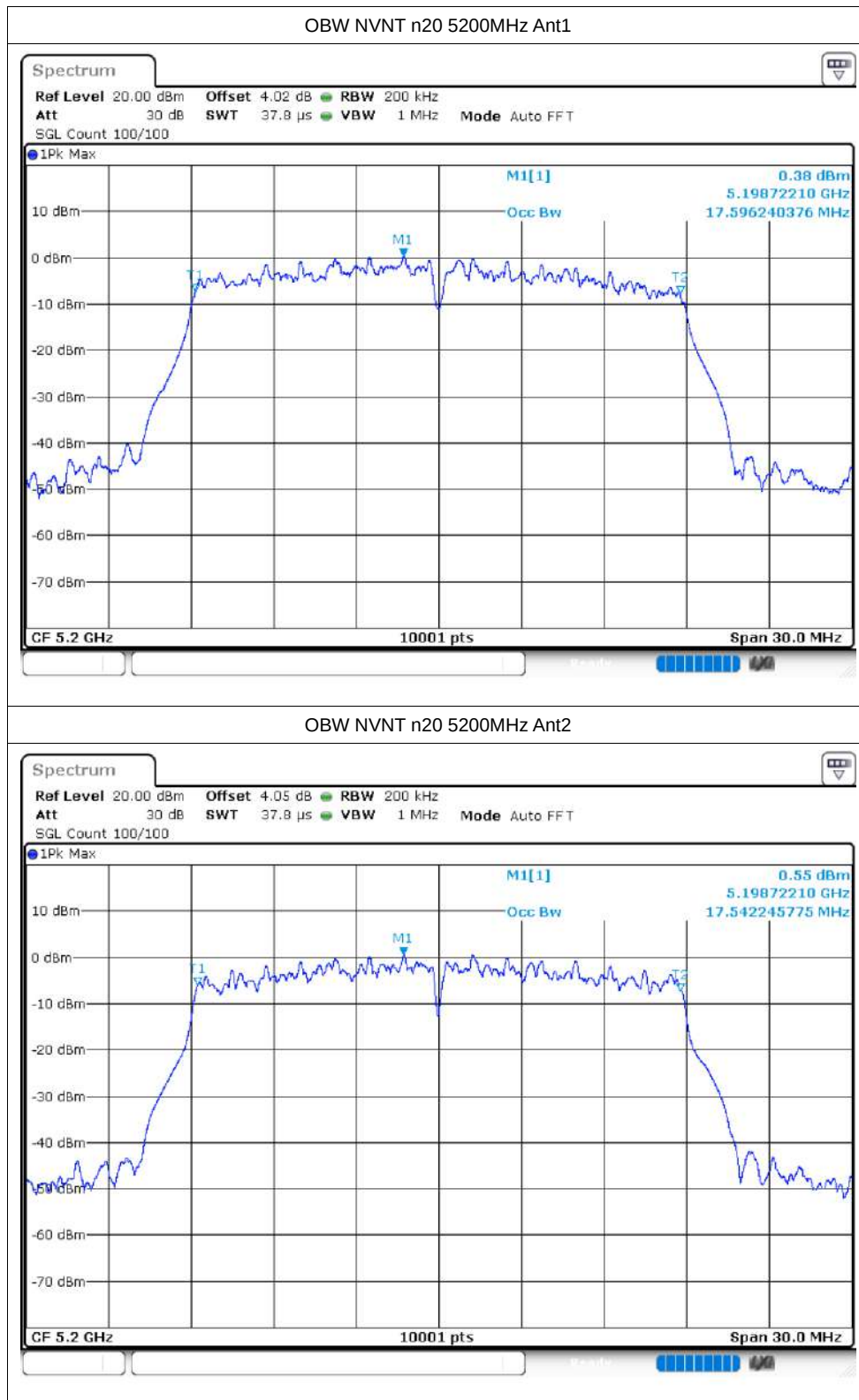


OBW NVNT ac40 5230MHz Ant2

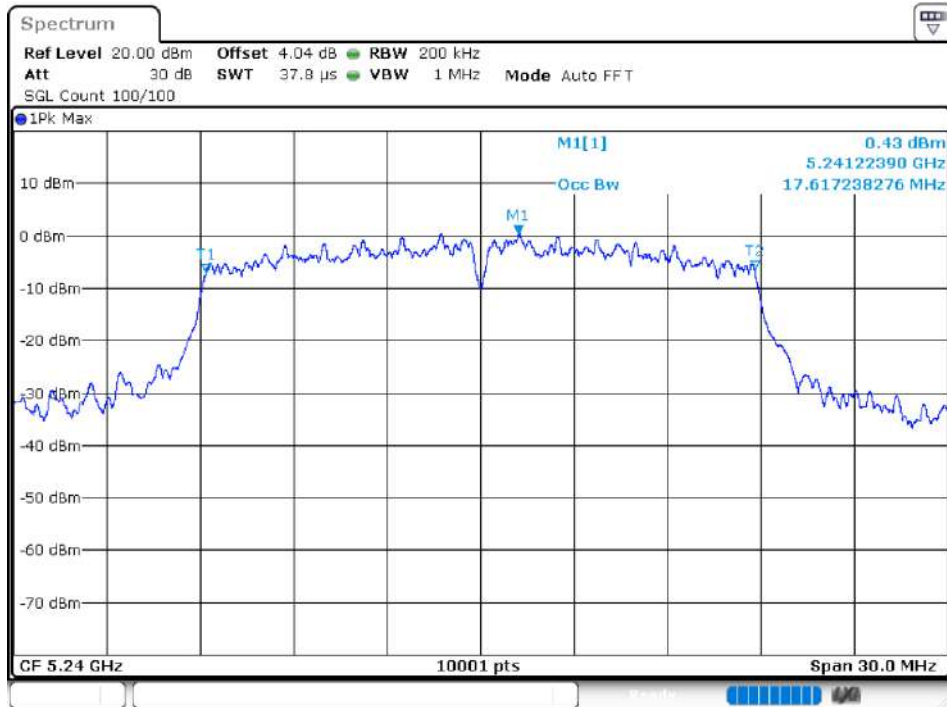




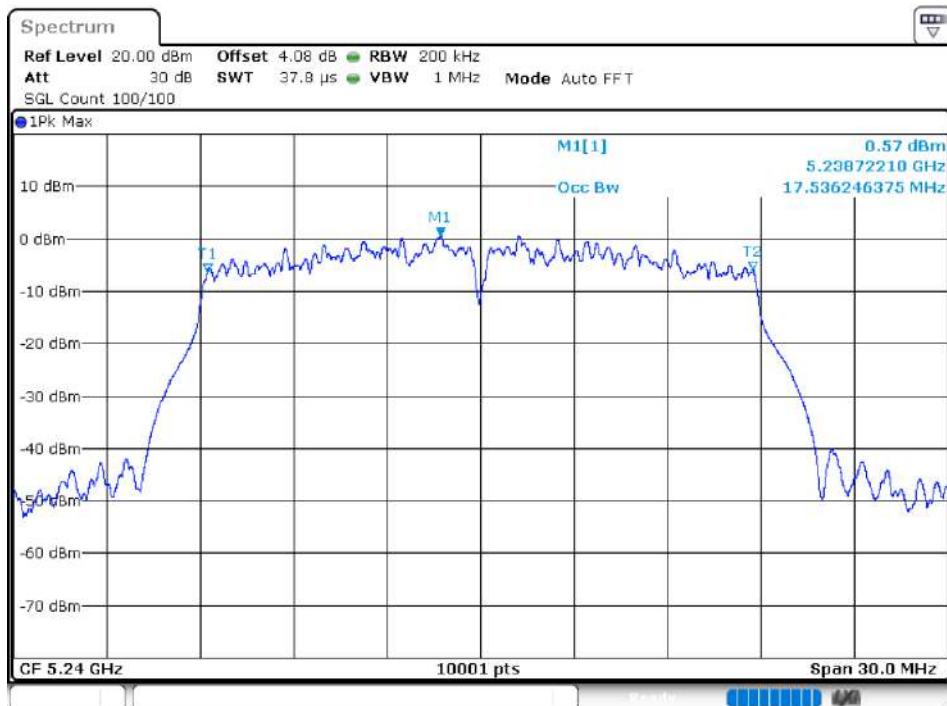




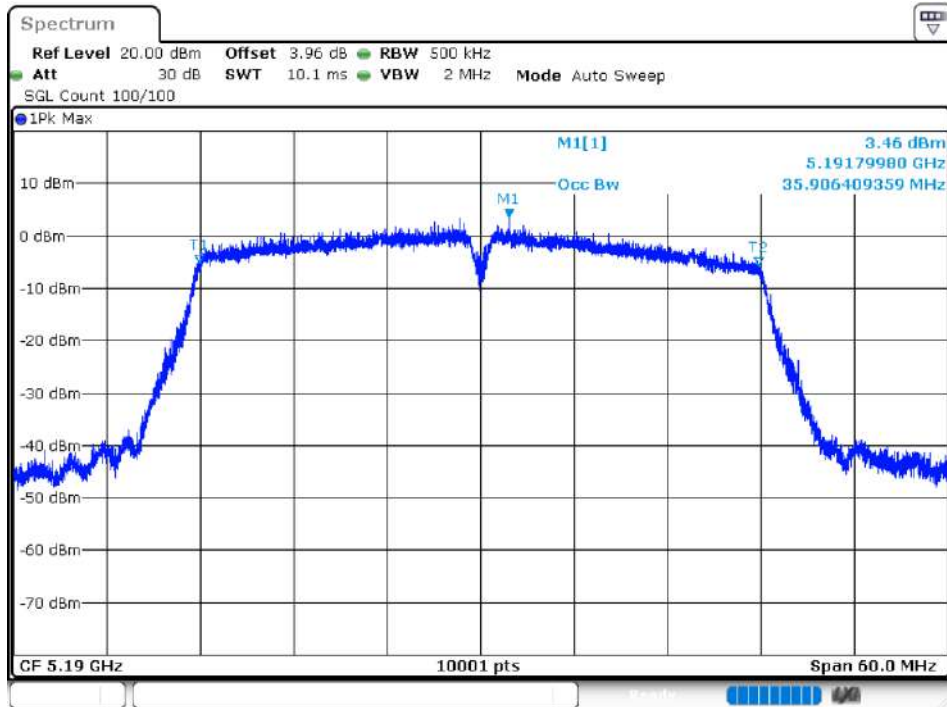
OBW NVNT n20 5240MHz Ant1



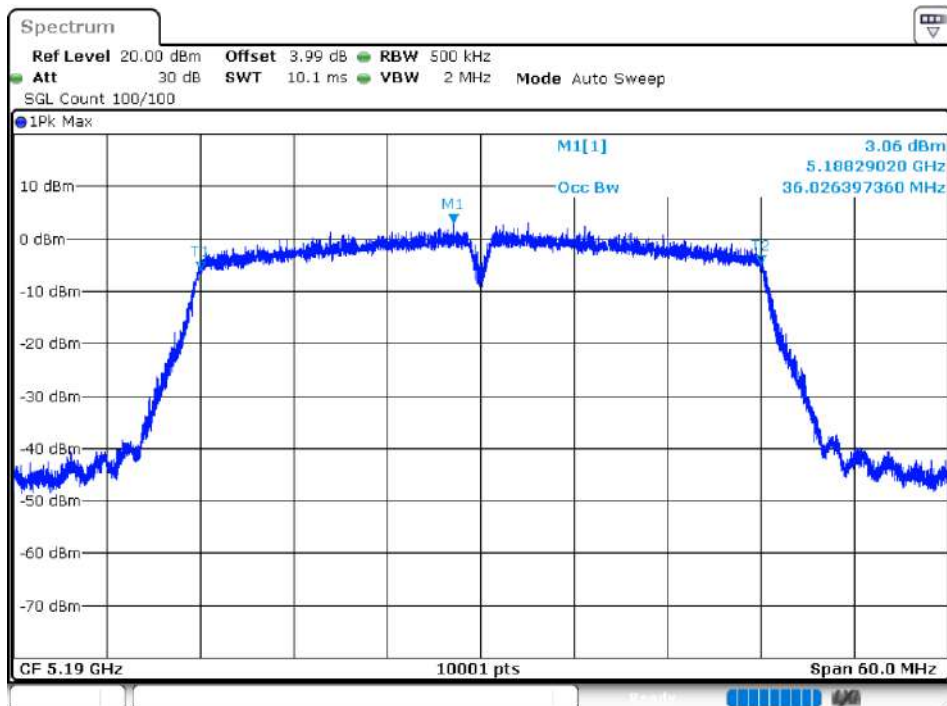
OBW NVNT n20 5240MHz Ant2

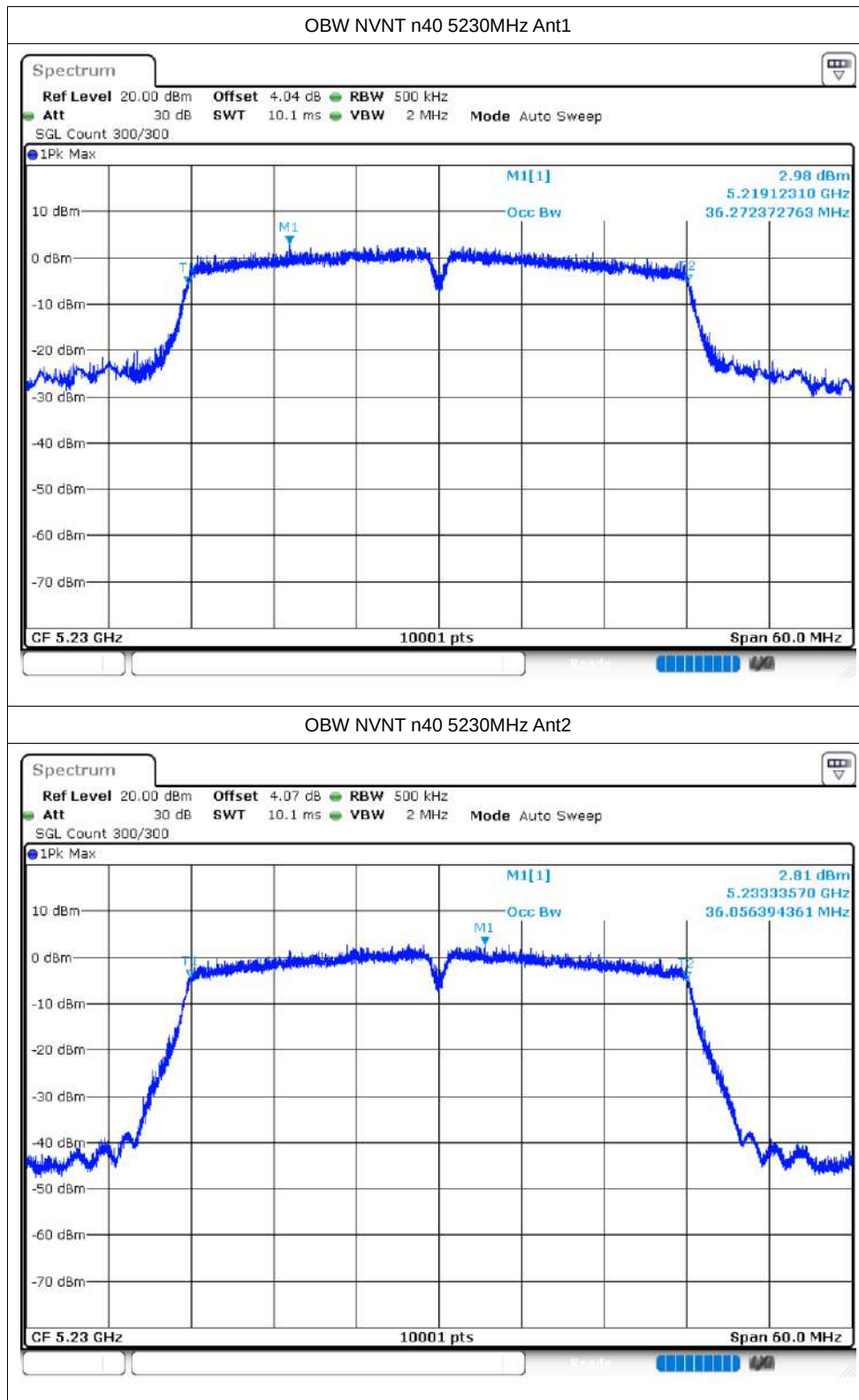


OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5190MHz Ant2



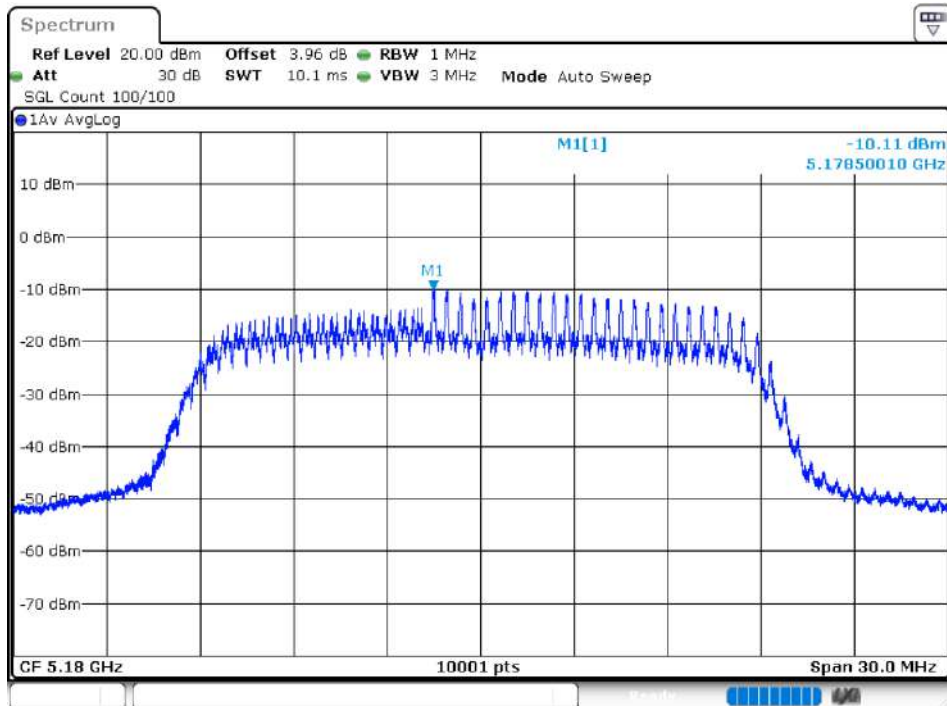


Maximum Power Spectral Density Level

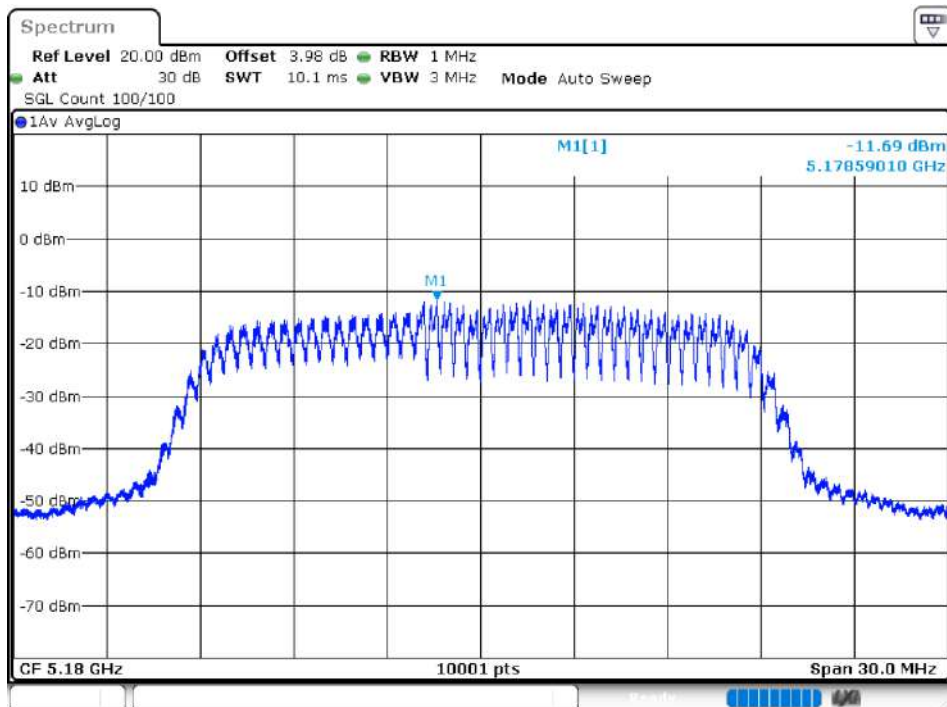
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-10.11	1.13	-8.98	9.05	Pass
NVNT	ac20	5180	Ant2	-11.69	1.13	-10.56	9.05	Pass
NVNT	ac20	5180	Sum	-7.82	1.13	-6.69	9.05	Pass
NVNT	ac20	5200	Ant1	-12.31	1.13	-11.18	9.05	Pass
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

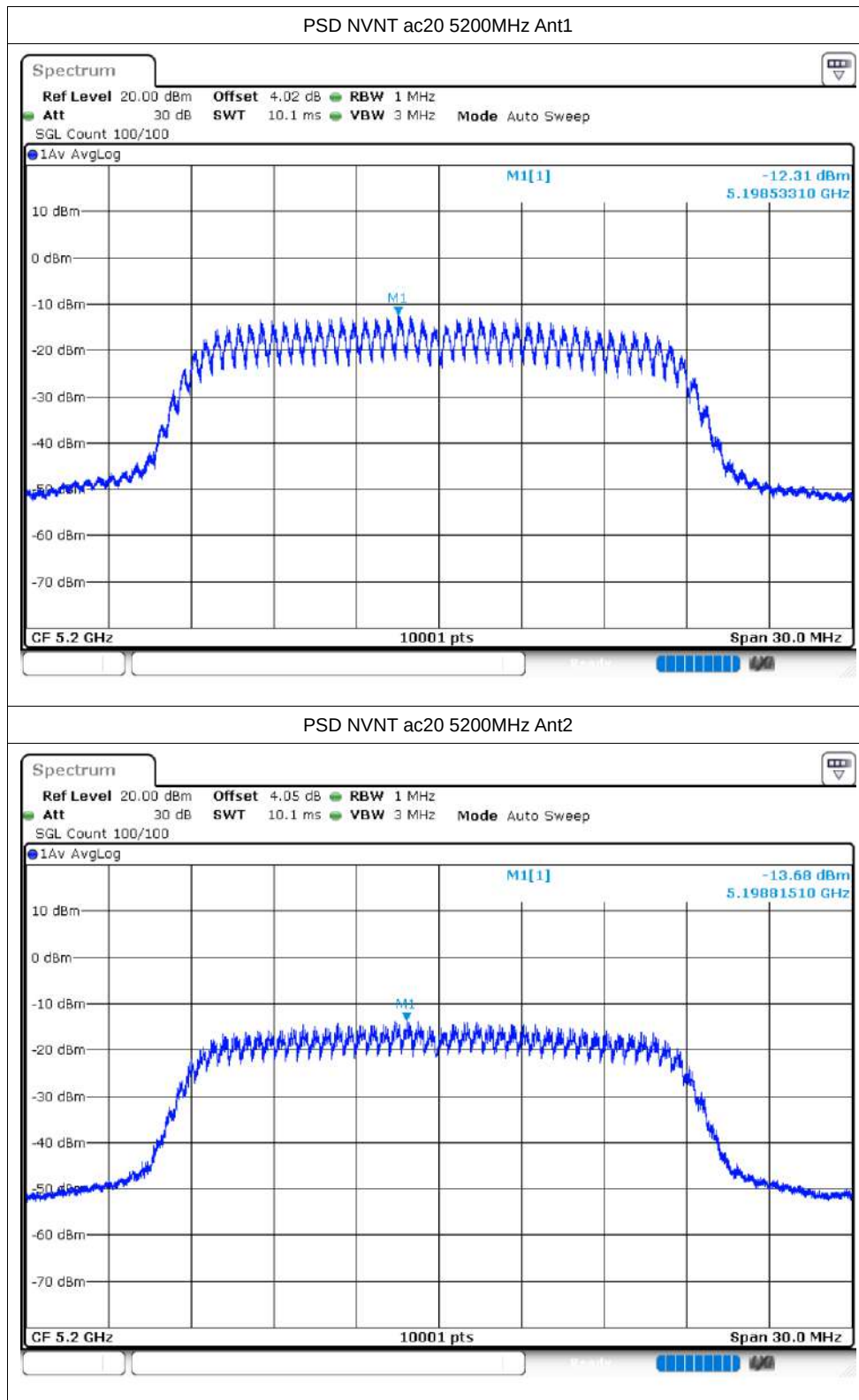
Test Graphs

PSD NVNT ac20 5180MHz Ant1

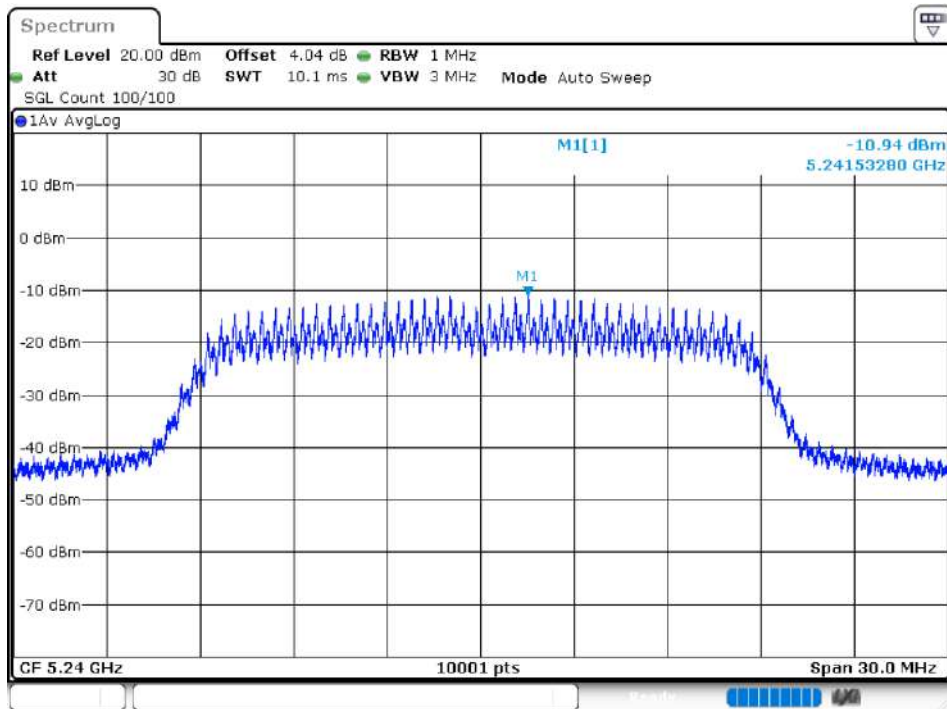


PSD NVNT ac20 5180MHz Ant2

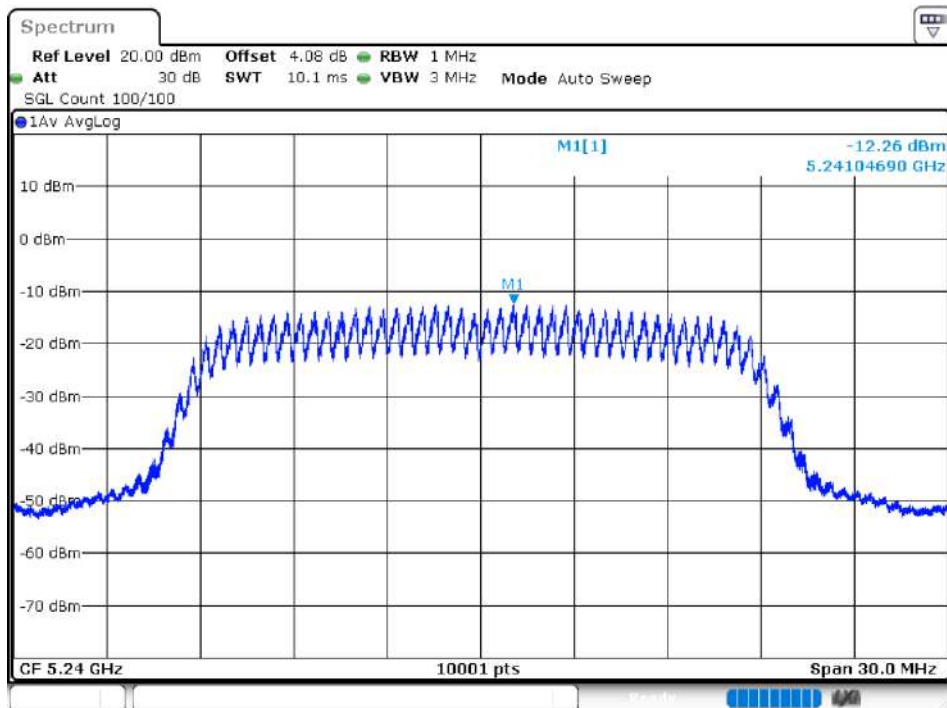


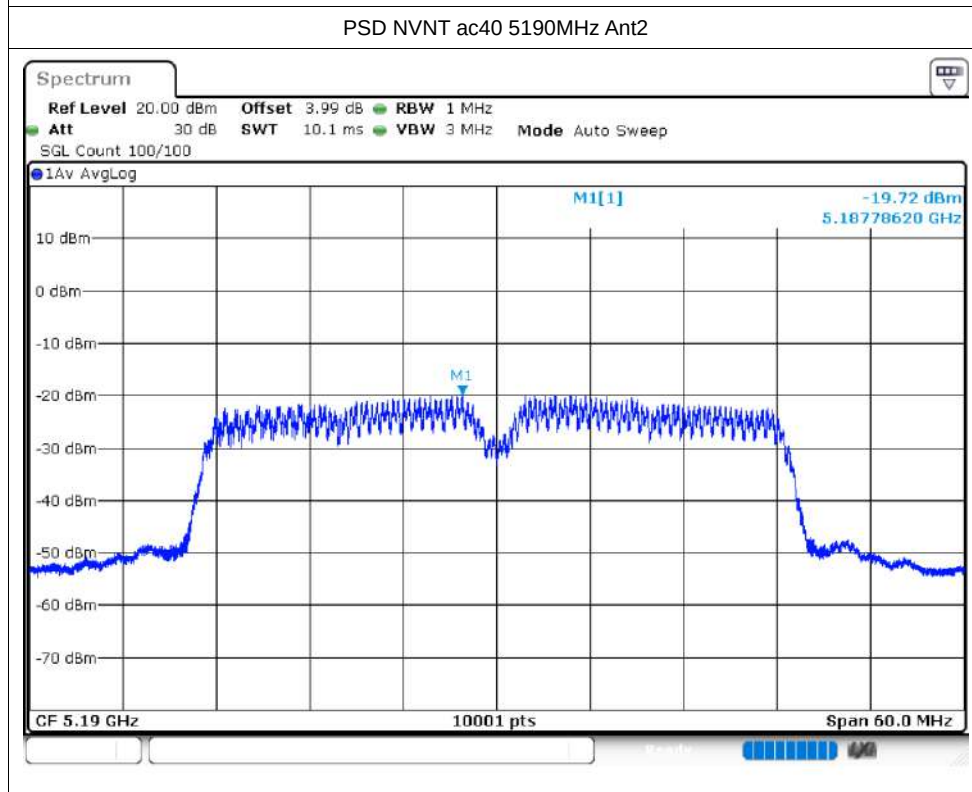
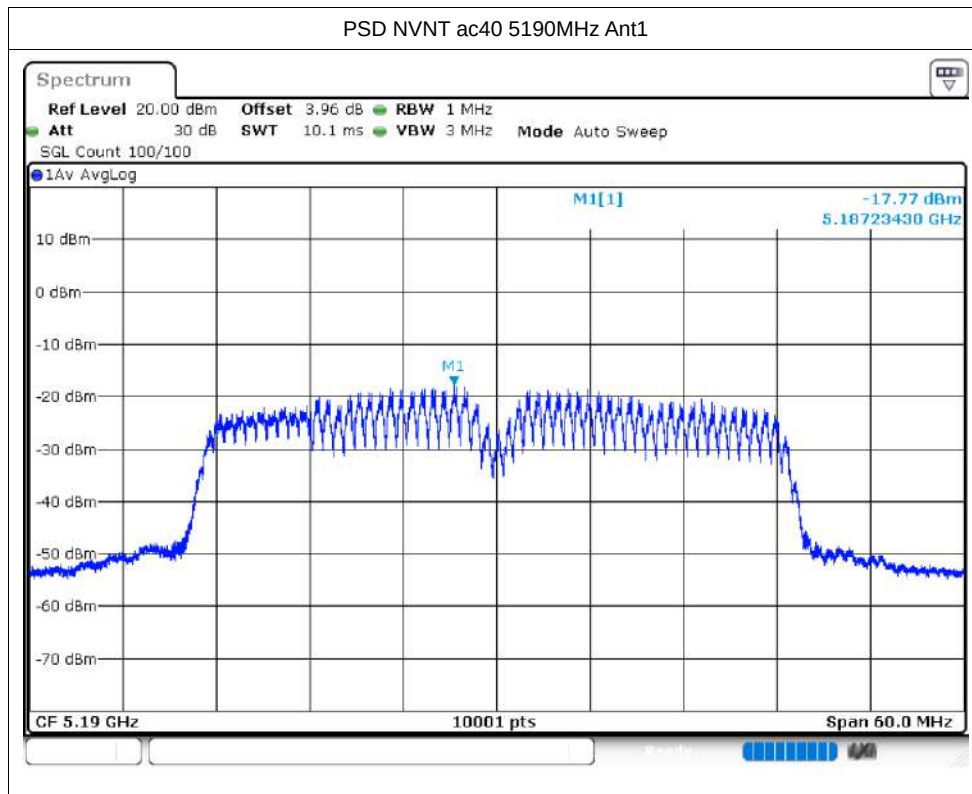


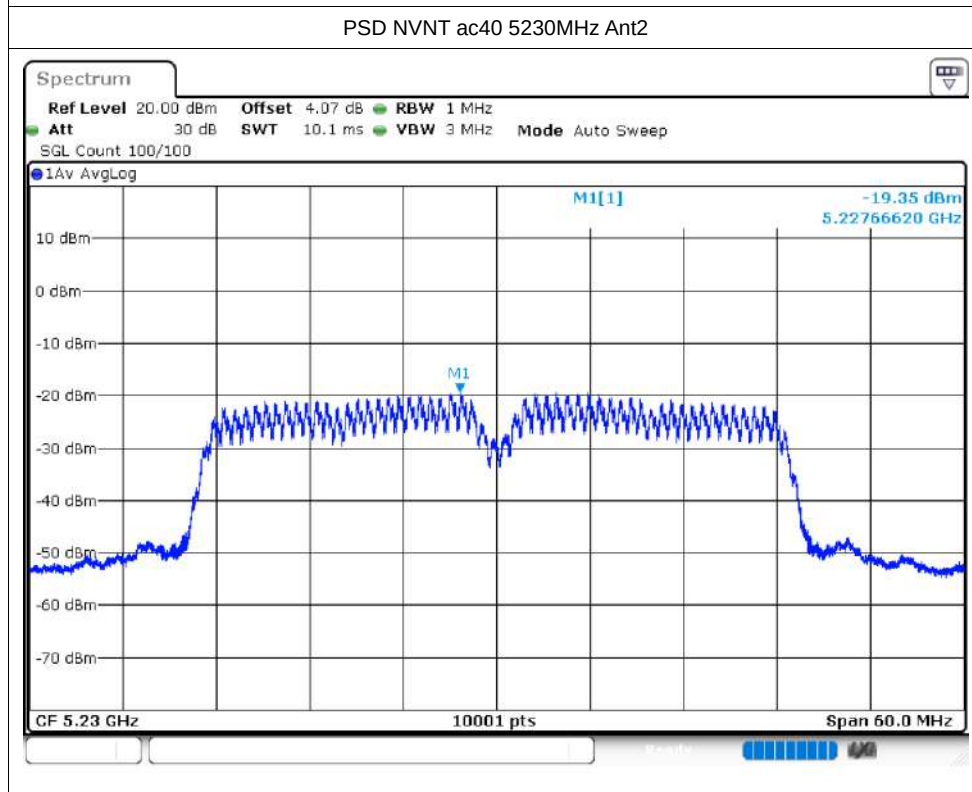
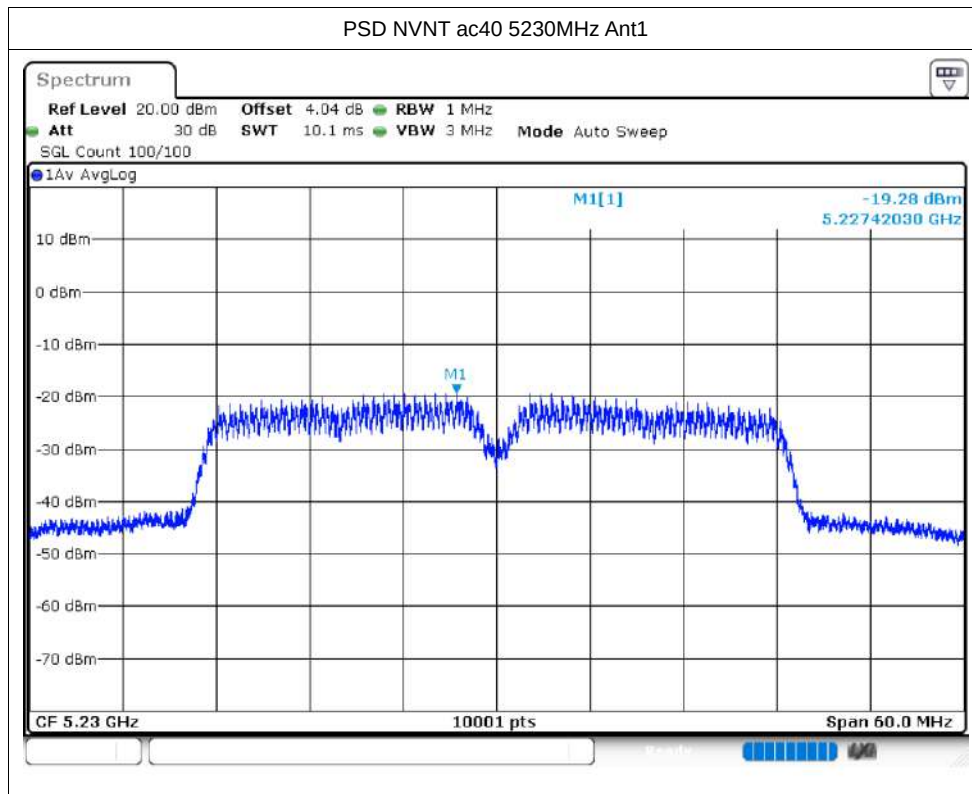
PSD NVNT ac20 5240MHz Ant1

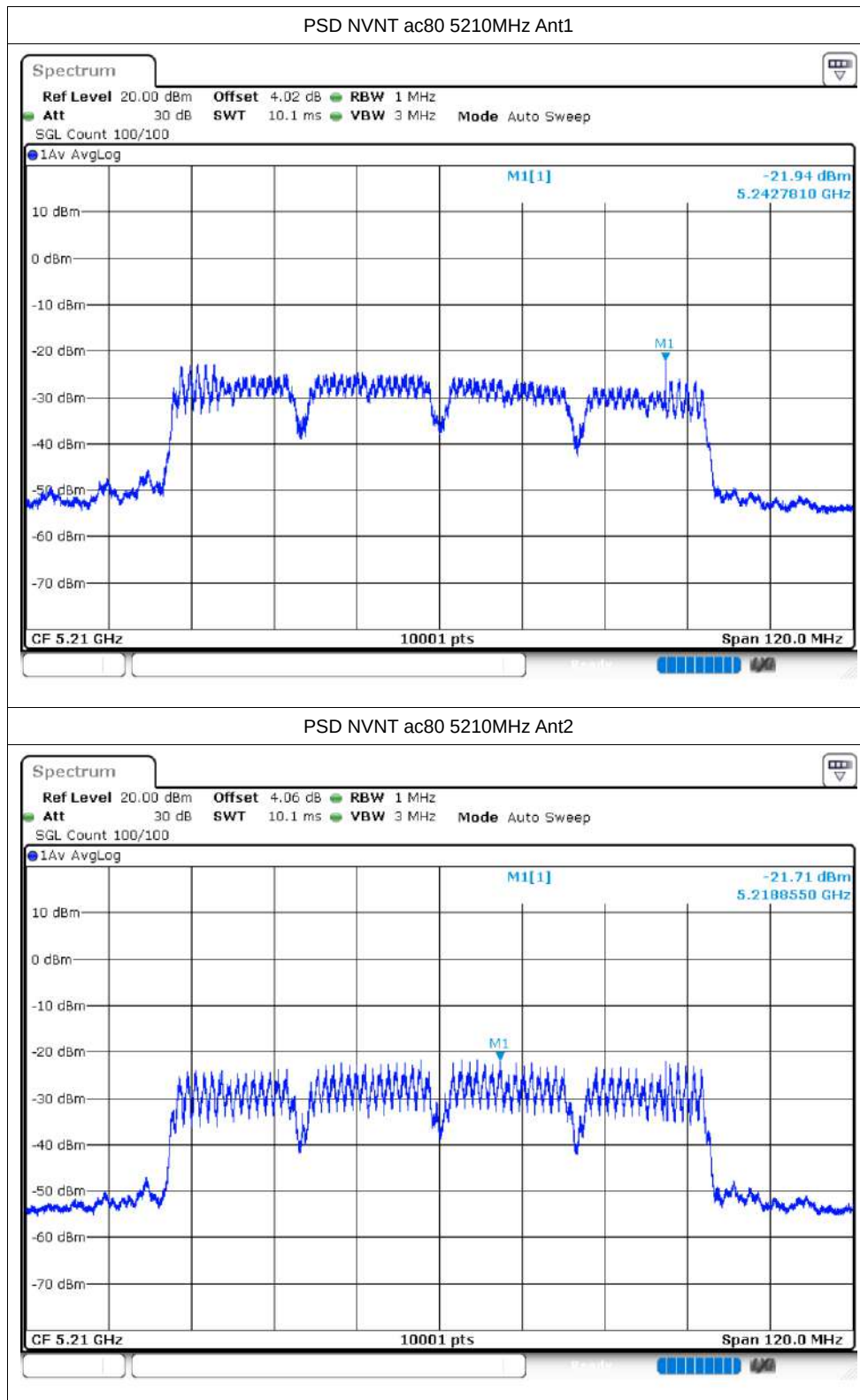


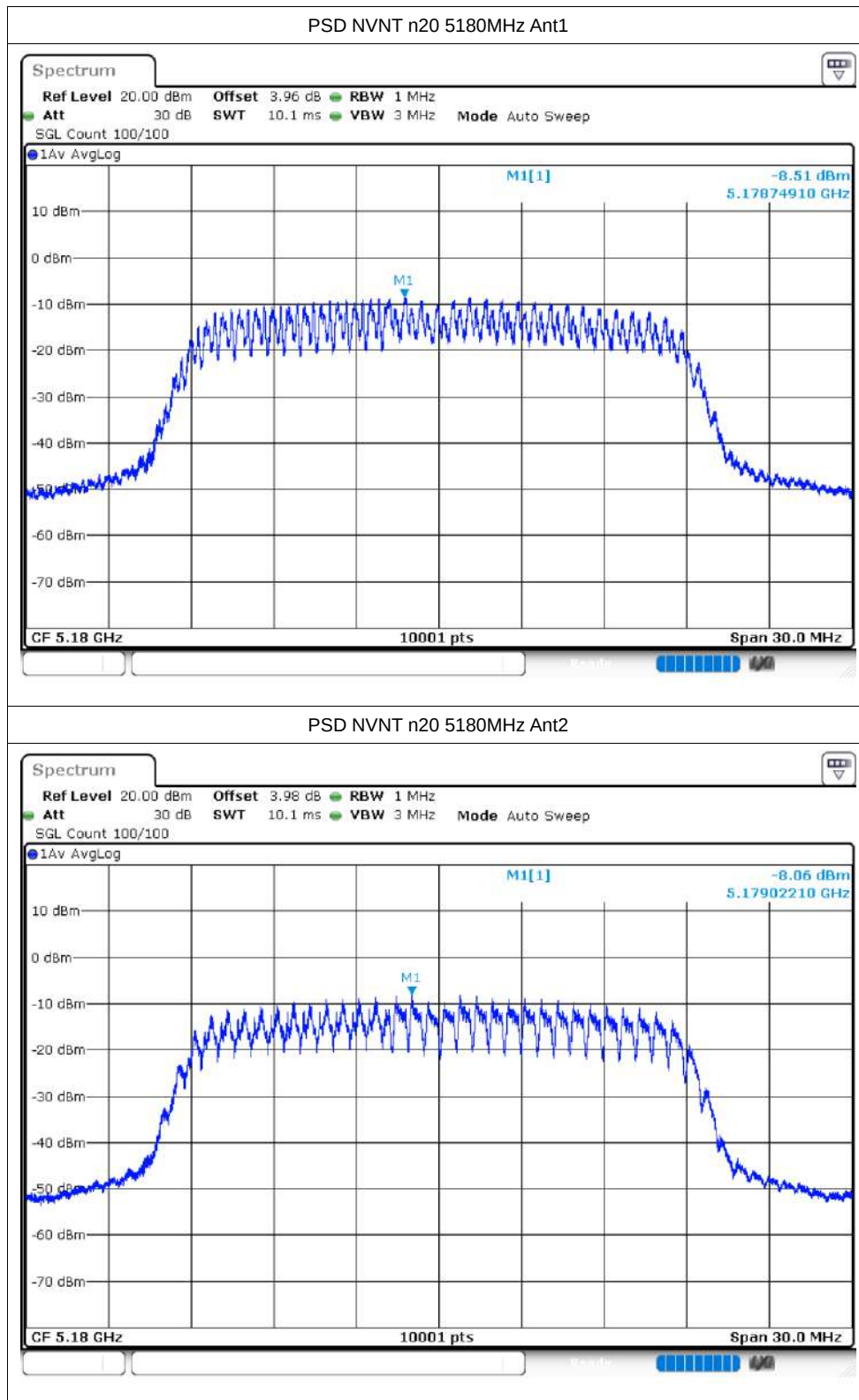
PSD NVNT ac20 5240MHz Ant2

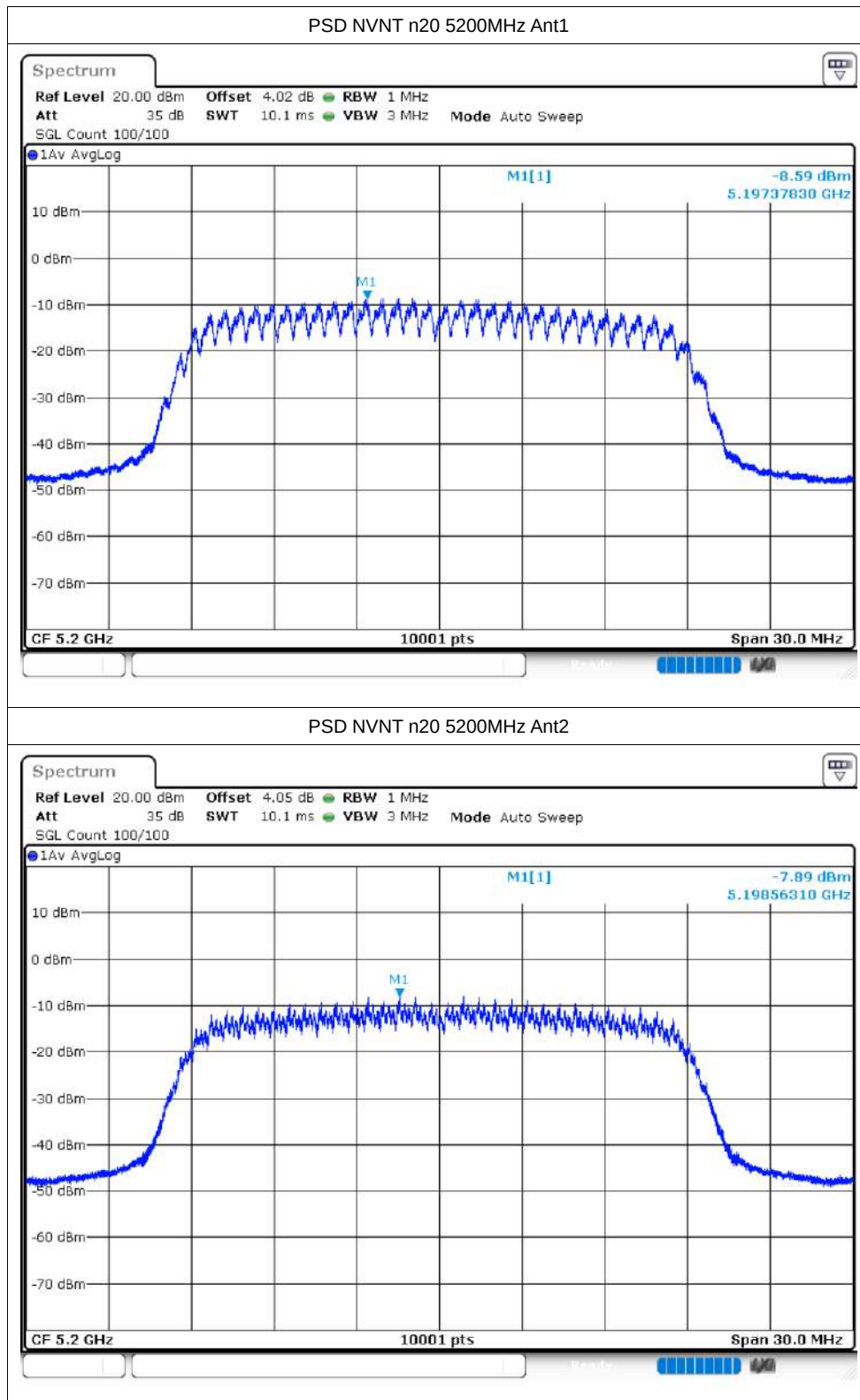


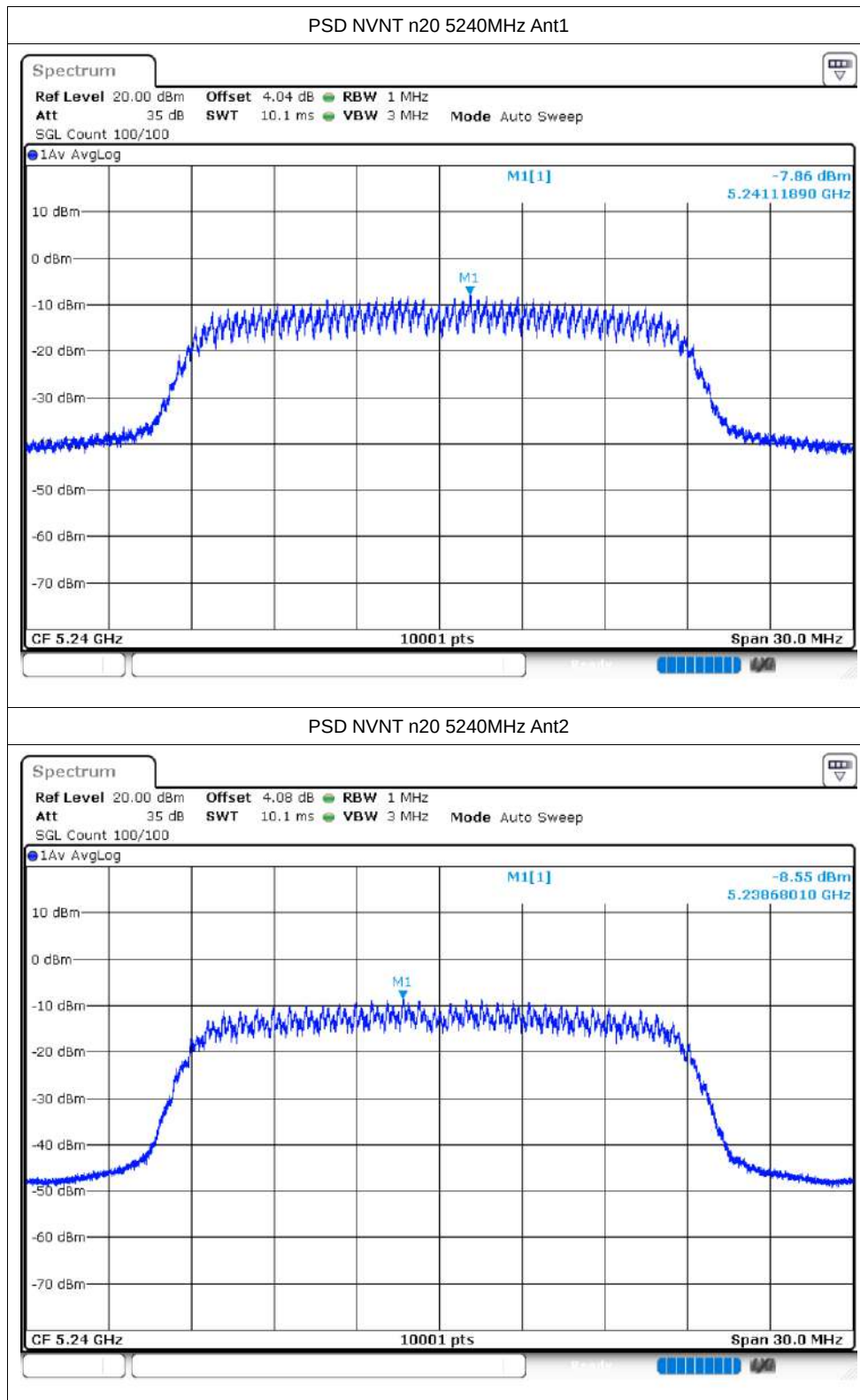


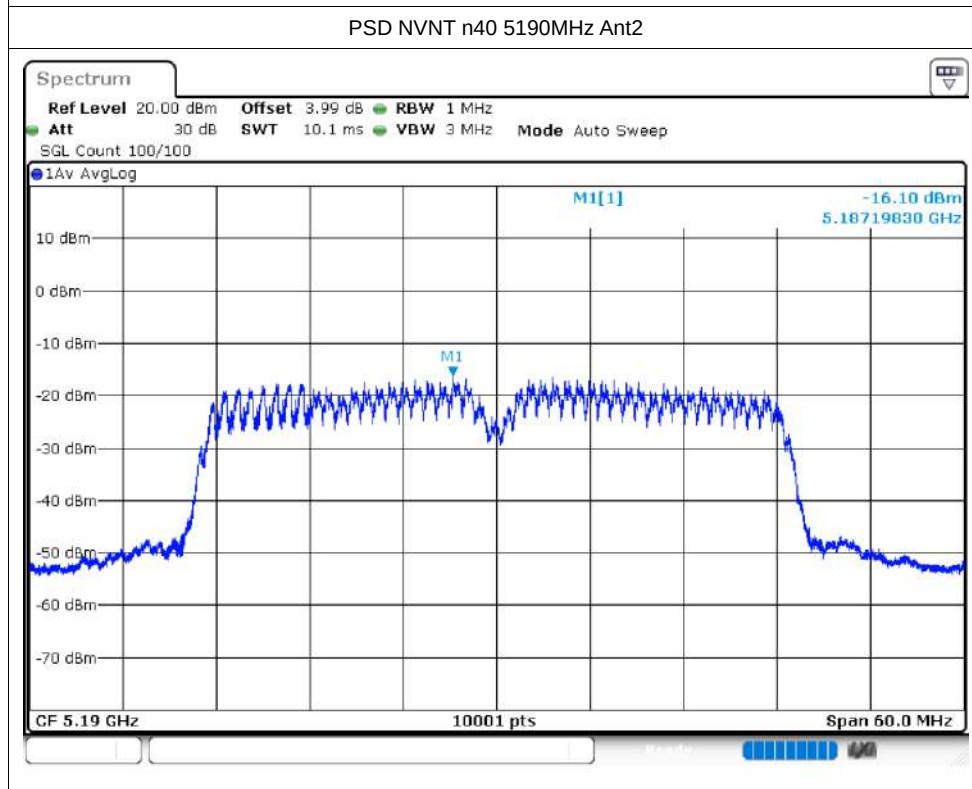
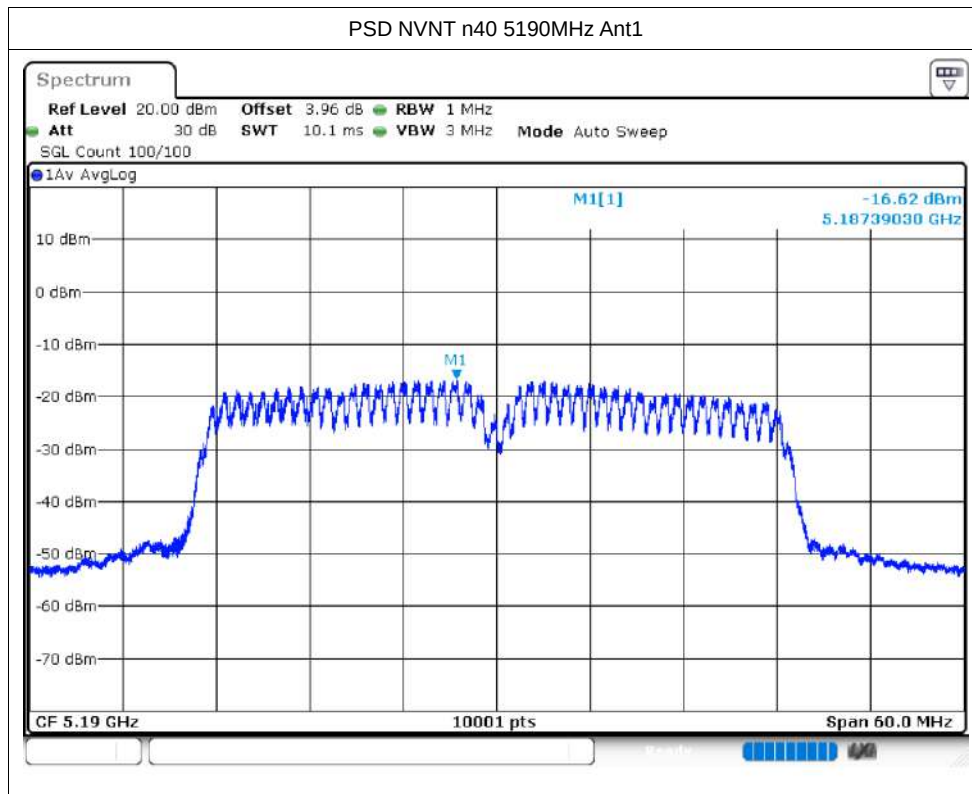


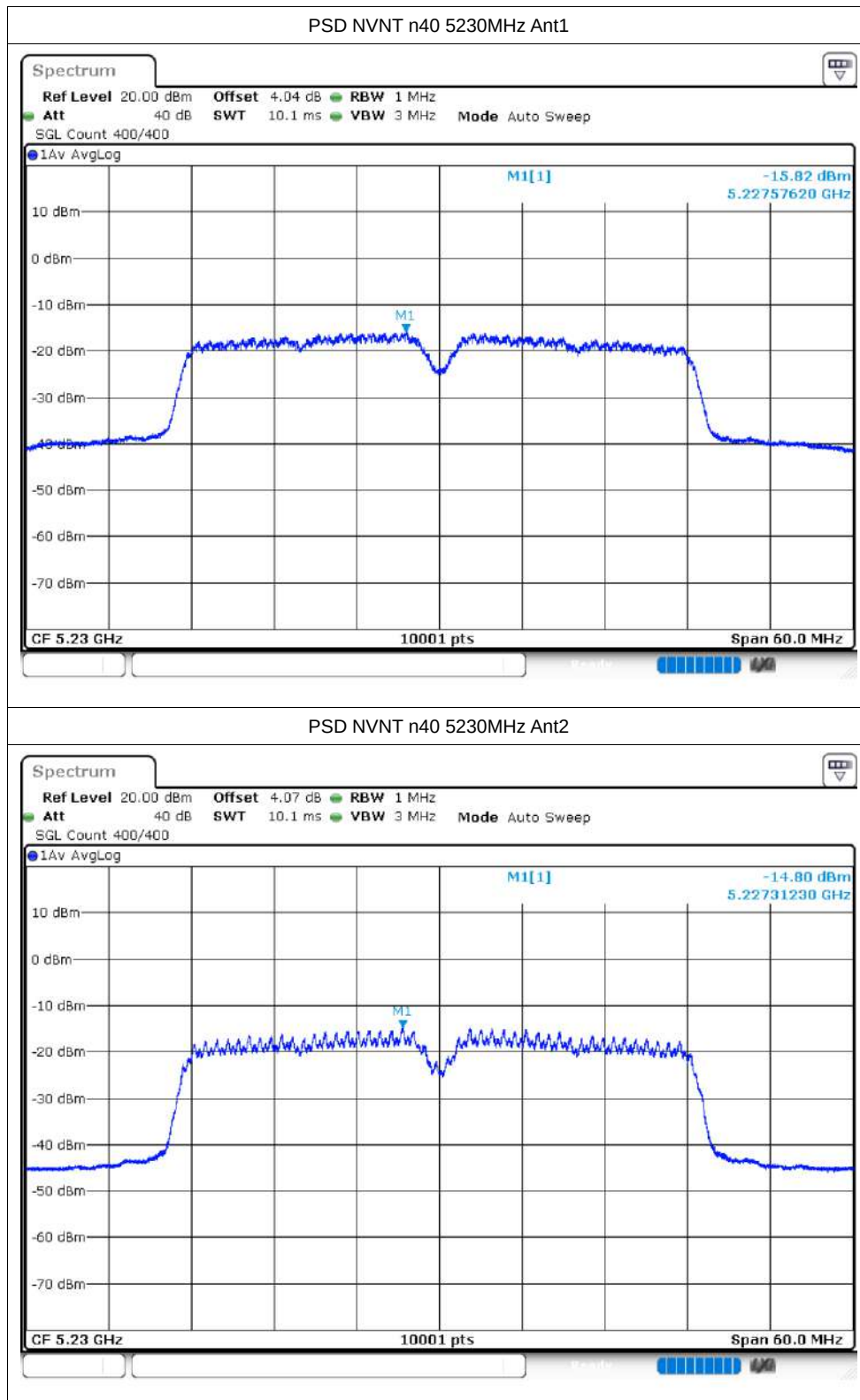












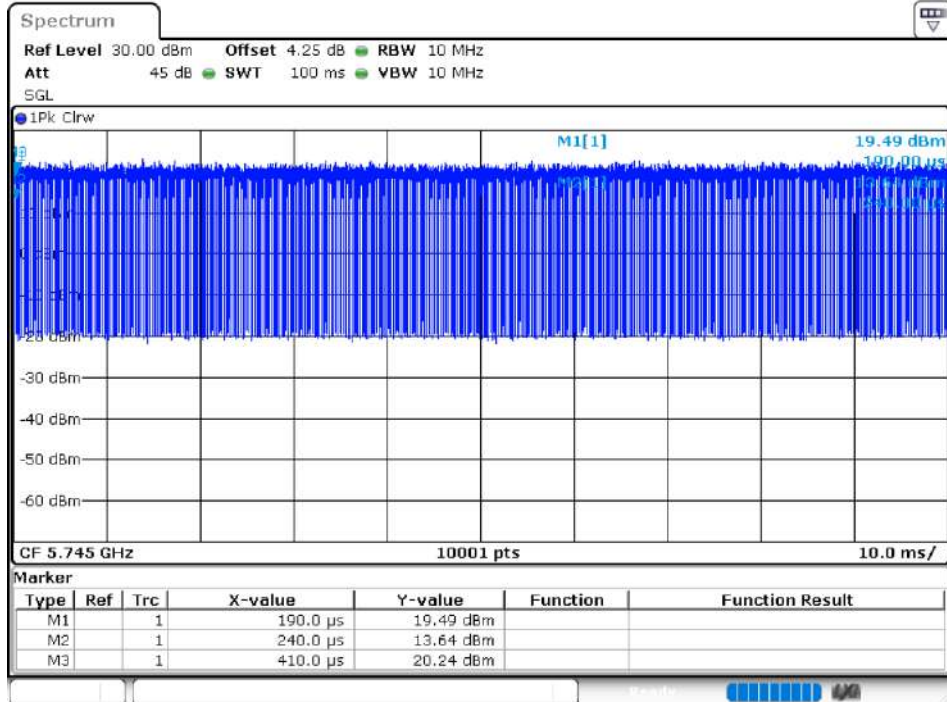
5.8G WIFI

Duty Cycle

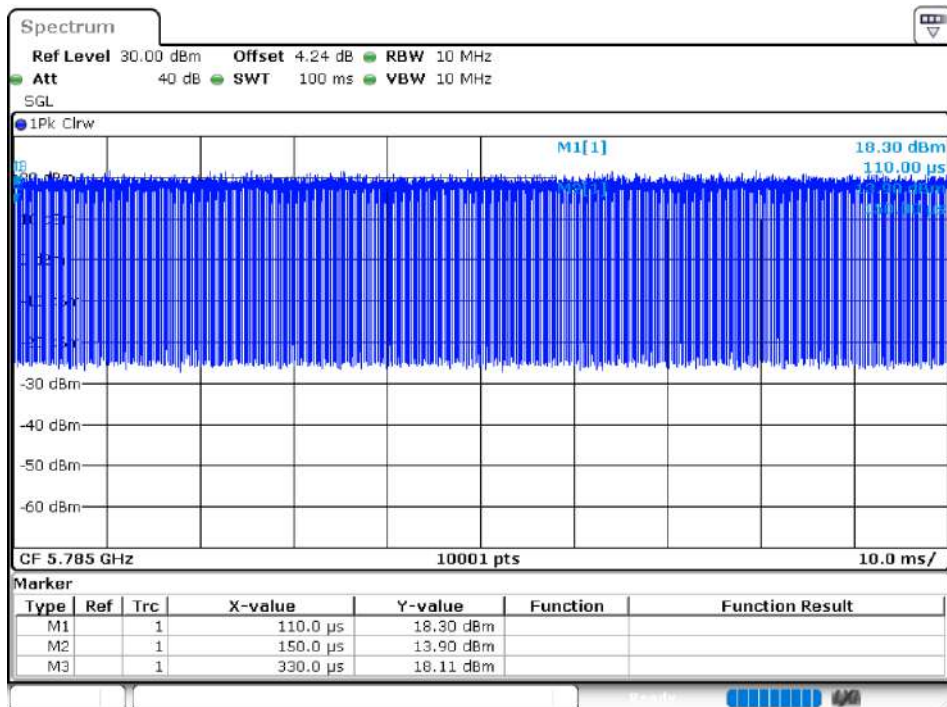
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	84.26	0.74	5.88
NVNT	a	5785	Ant1	84.17	0.75	5.56
NVNT	a	5825	Ant1	96.37	0.16	100
NVNT	a	5745	Ant2	85.34	0.69	5.56
NVNT	a	5785	Ant2	84.94	0.71	5.56
NVNT	a	5825	Ant2	84.77	0.72	5.56
NVNT	n20	5745	Ant1	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

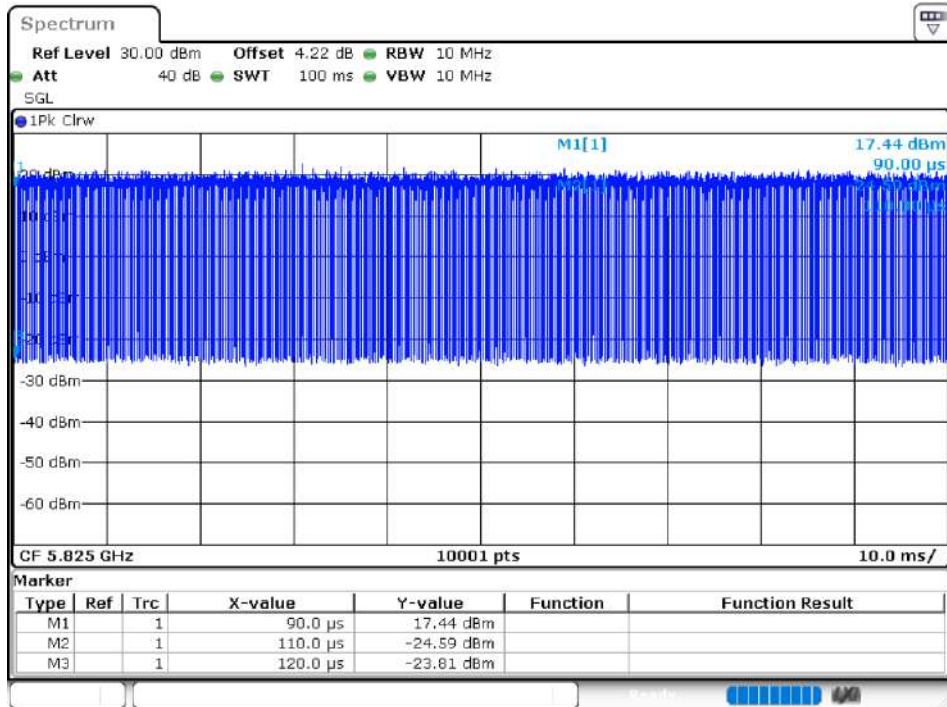
Duty Cycle NVNT a 5745MHz Ant1



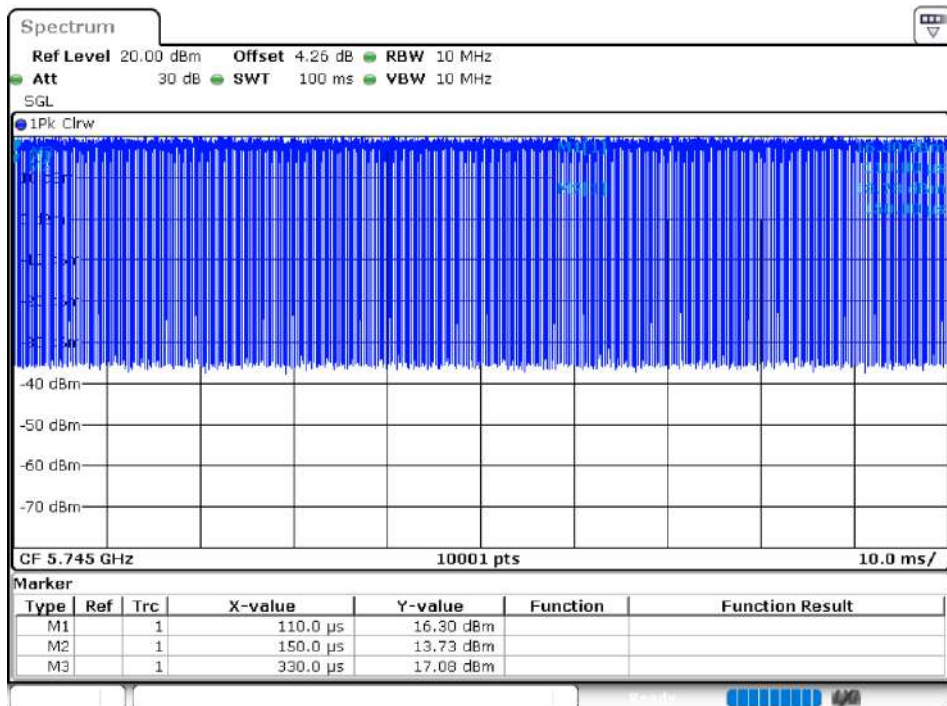
Duty Cycle NVNT a 5785MHz Ant1



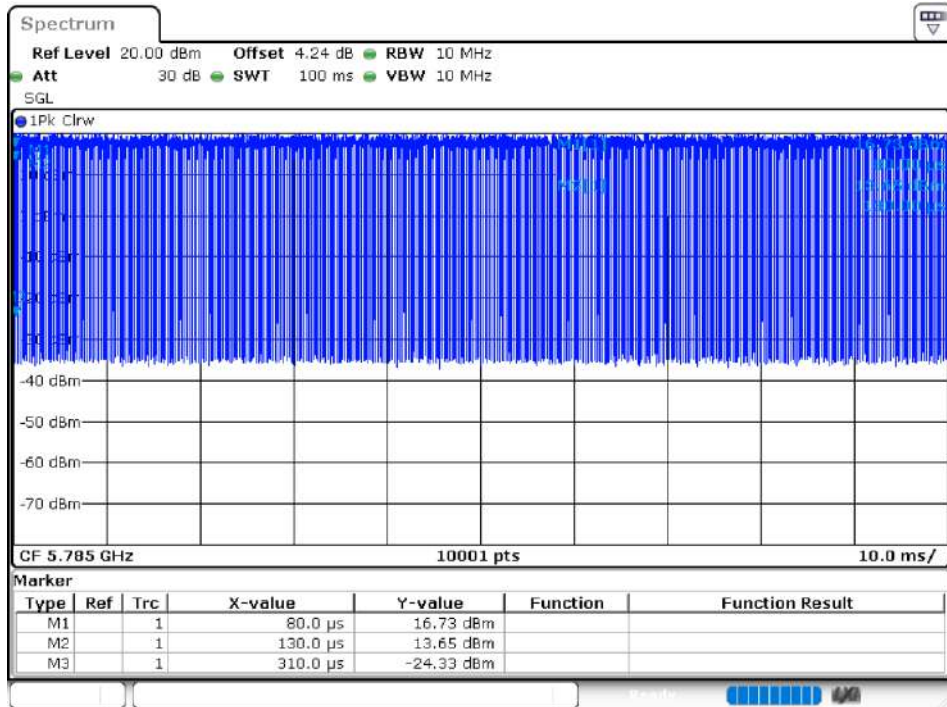
Duty Cycle NVNT a 5825MHz Ant1



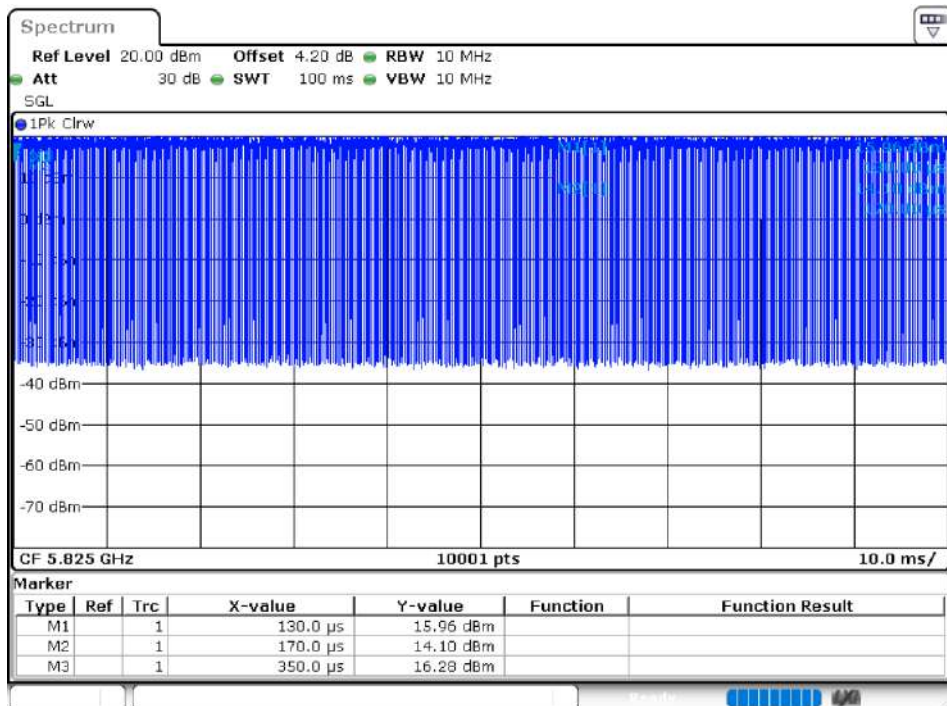
Duty Cycle NVNT a 5745MHz Ant2



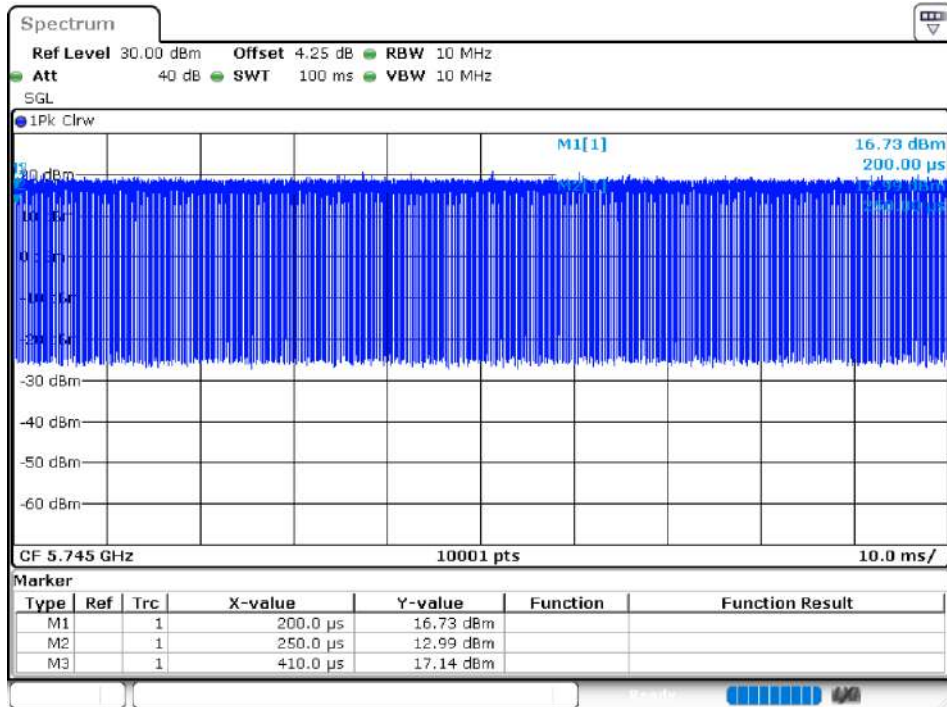
Duty Cycle NVNT a 5785MHz Ant2



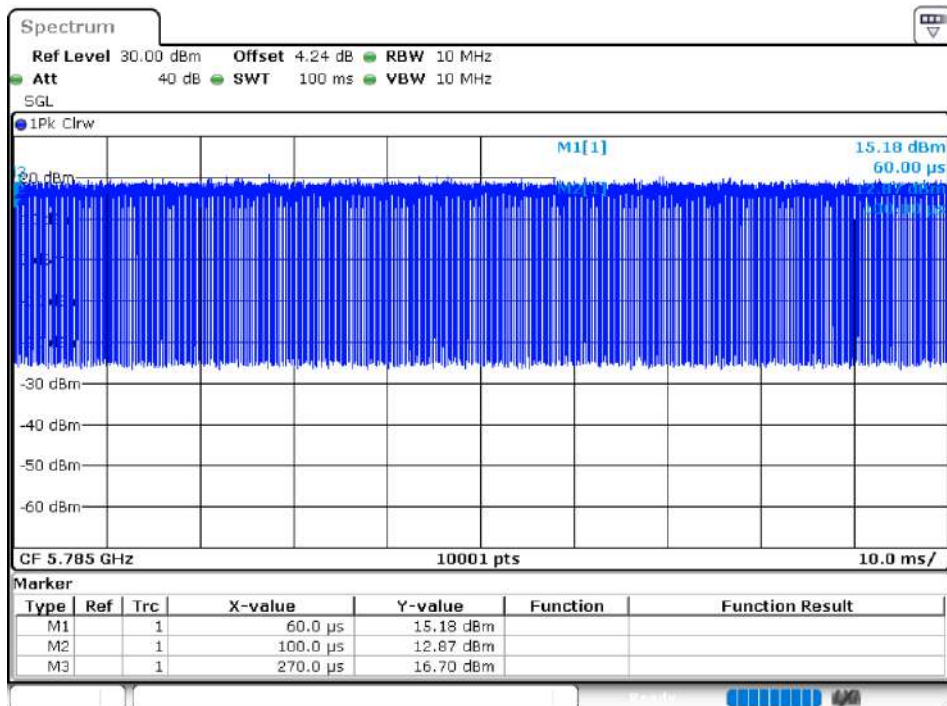
Duty Cycle NVNT a 5825MHz Ant2



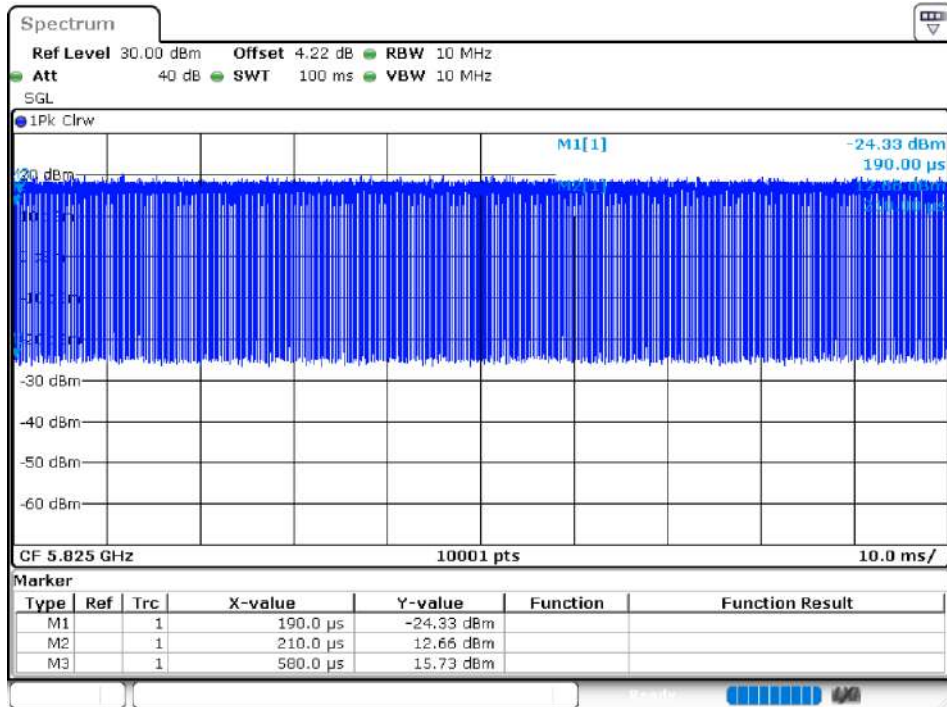
Duty Cycle NVNT n20 5745MHz Ant1



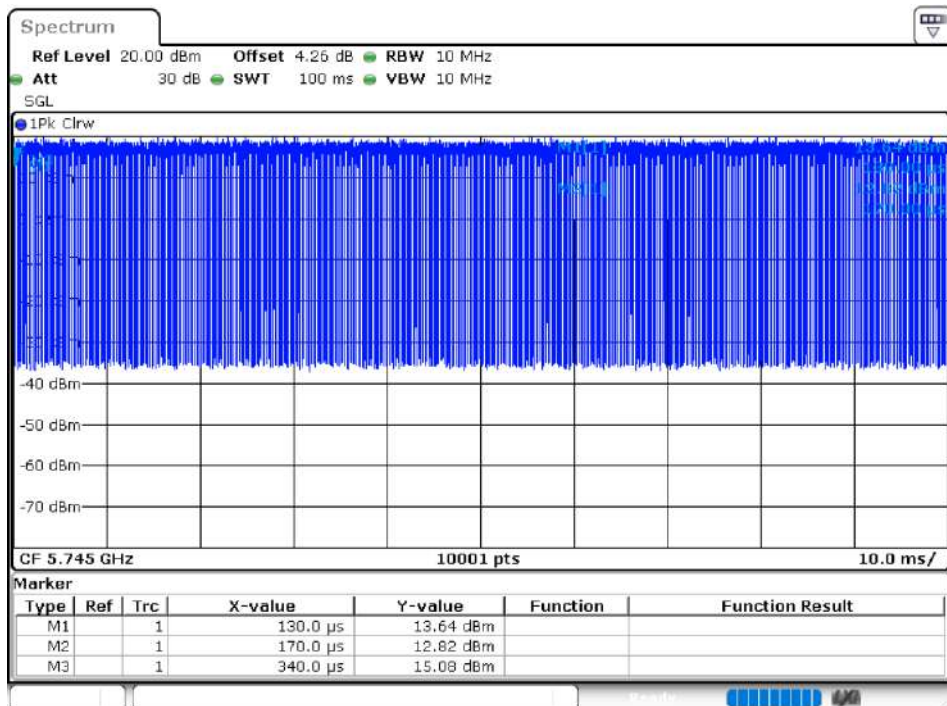
Duty Cycle NVNT n20 5785MHz Ant1



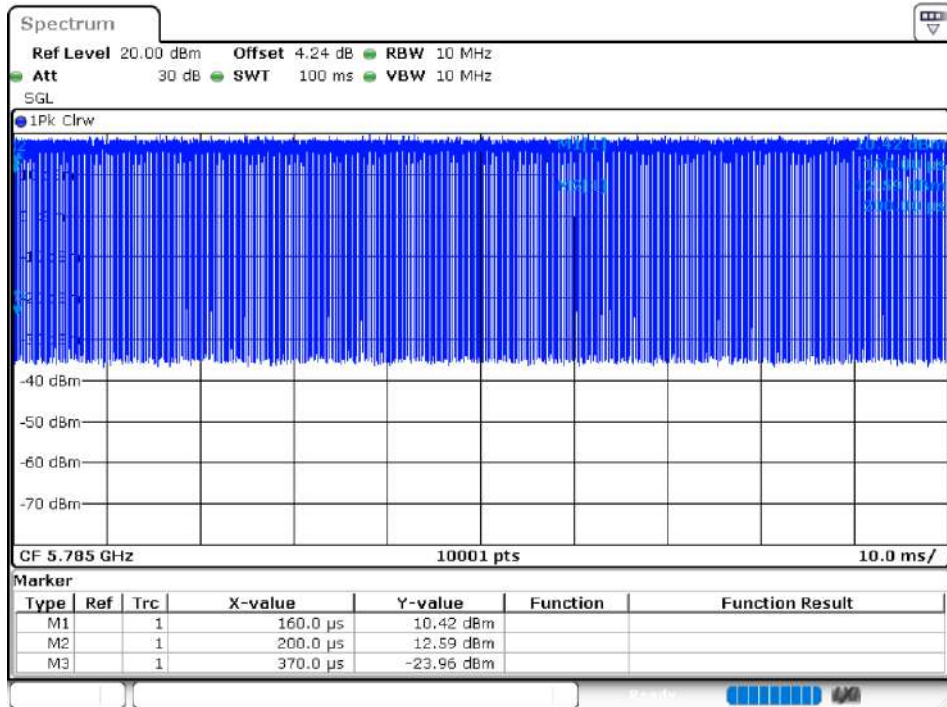
Duty Cycle NVNT n20 5825MHz Ant1



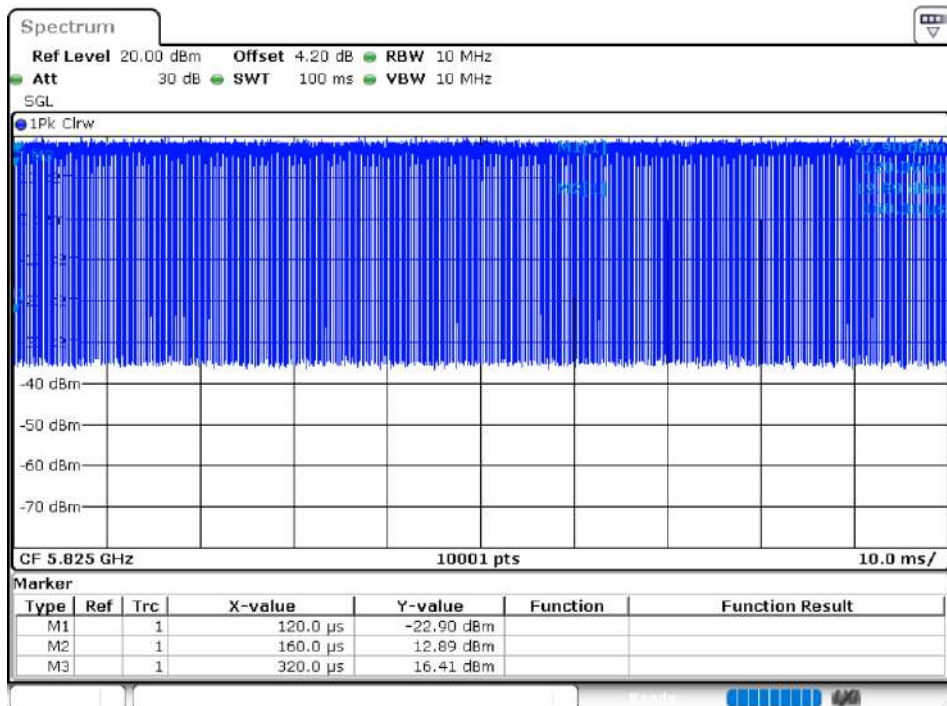
Duty Cycle NVNT n20 5745MHz Ant2



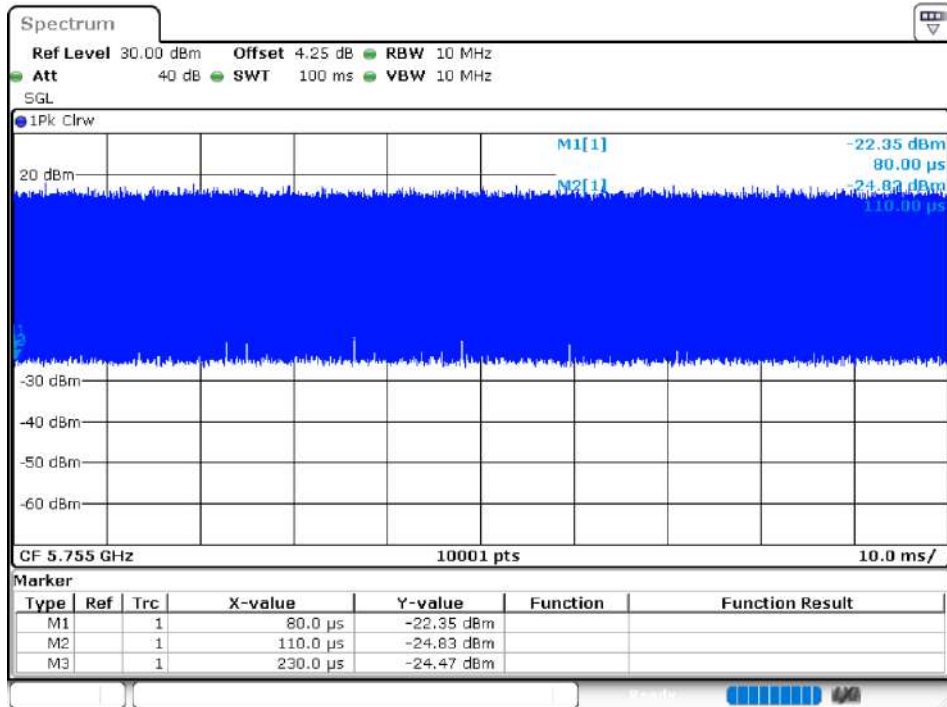
Duty Cycle NVNT n20 5785MHz Ant2



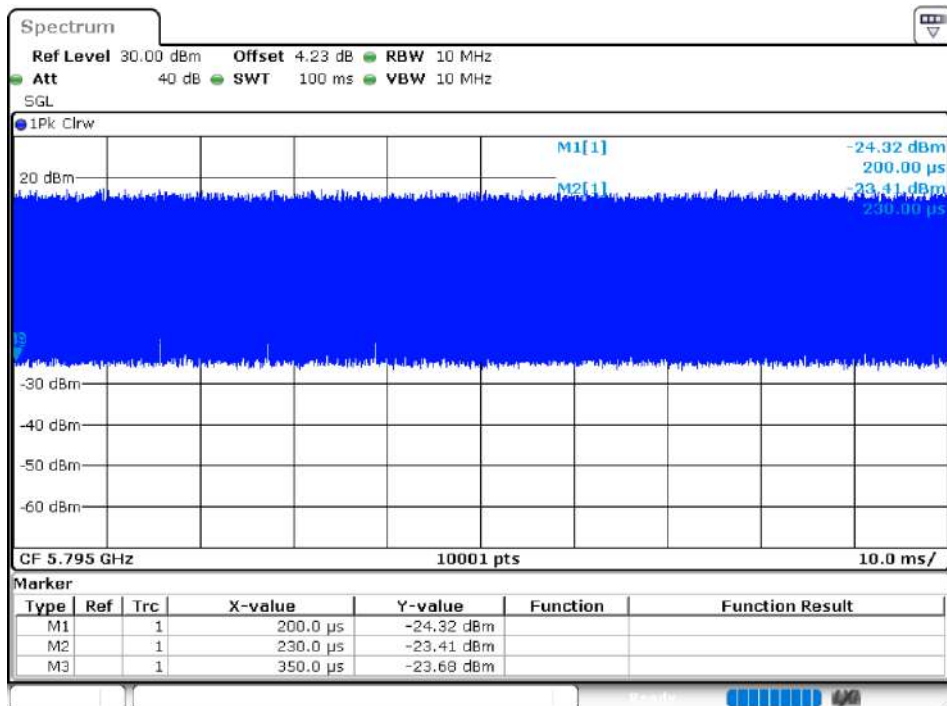
Duty Cycle NVNT n20 5825MHz Ant2

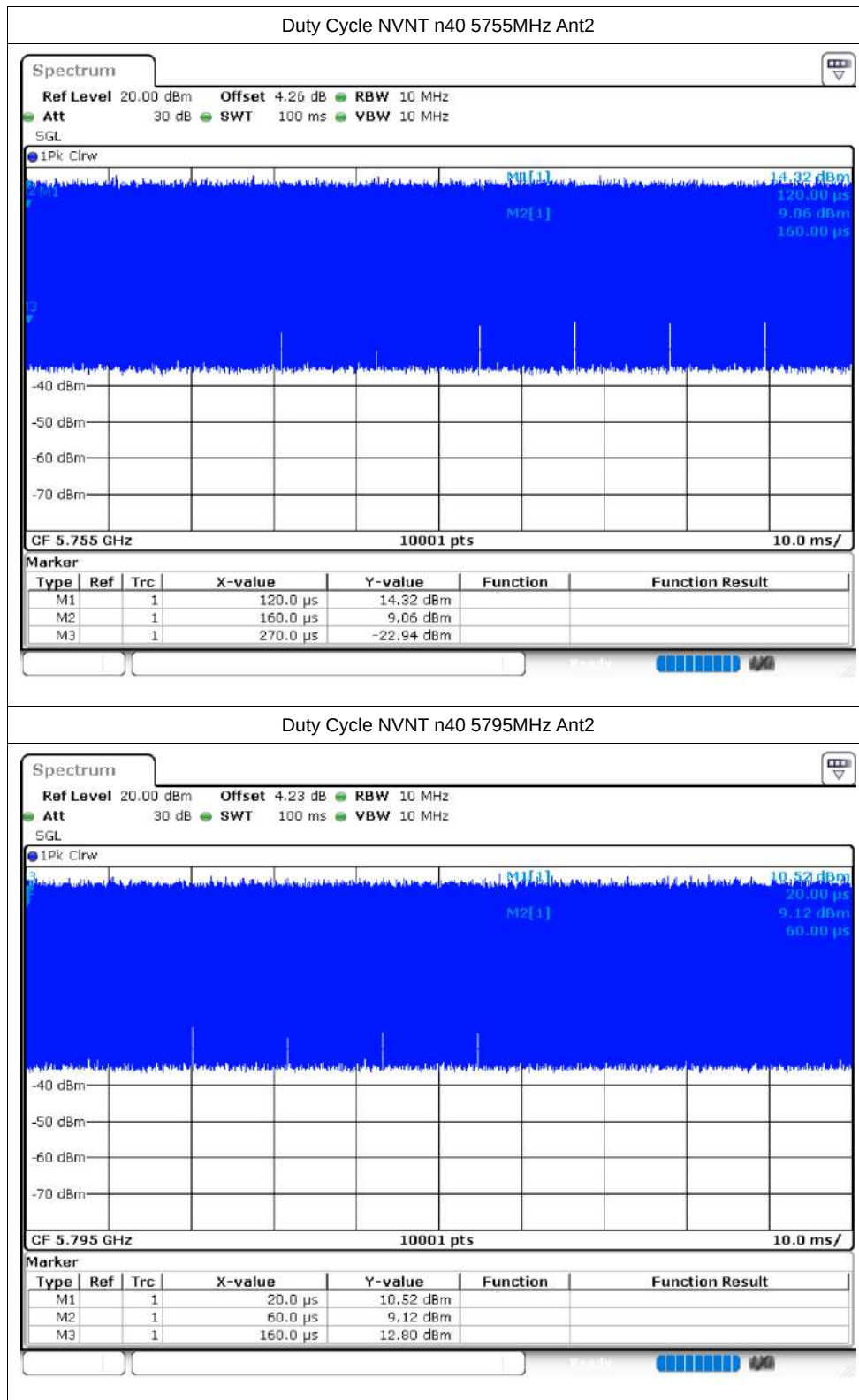


Duty Cycle NVNT n40 5755MHz Ant1

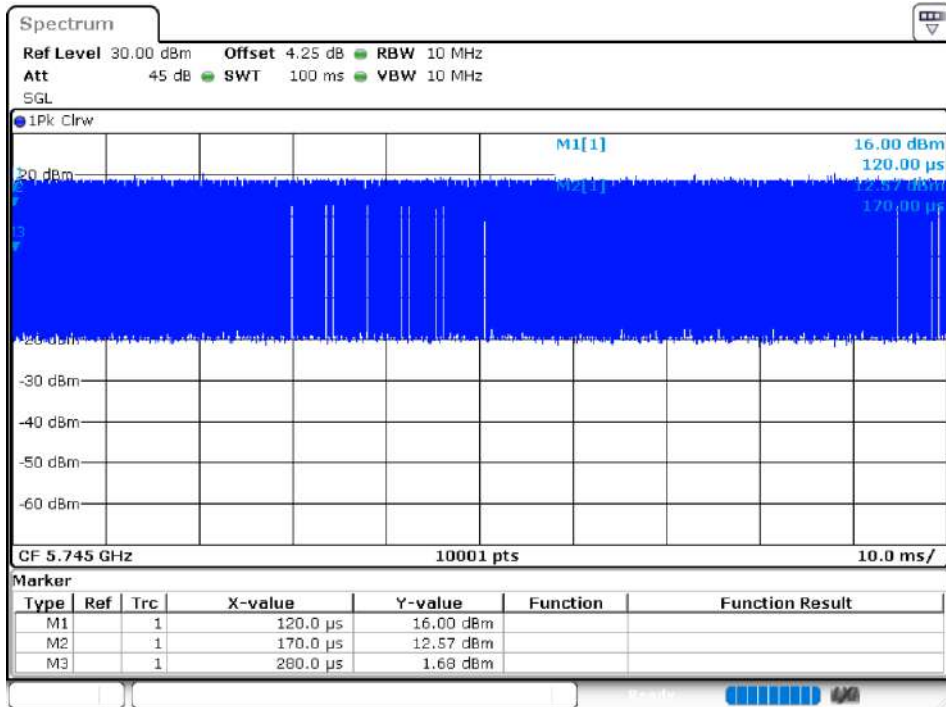


Duty Cycle NVNT n40 5795MHz Ant1

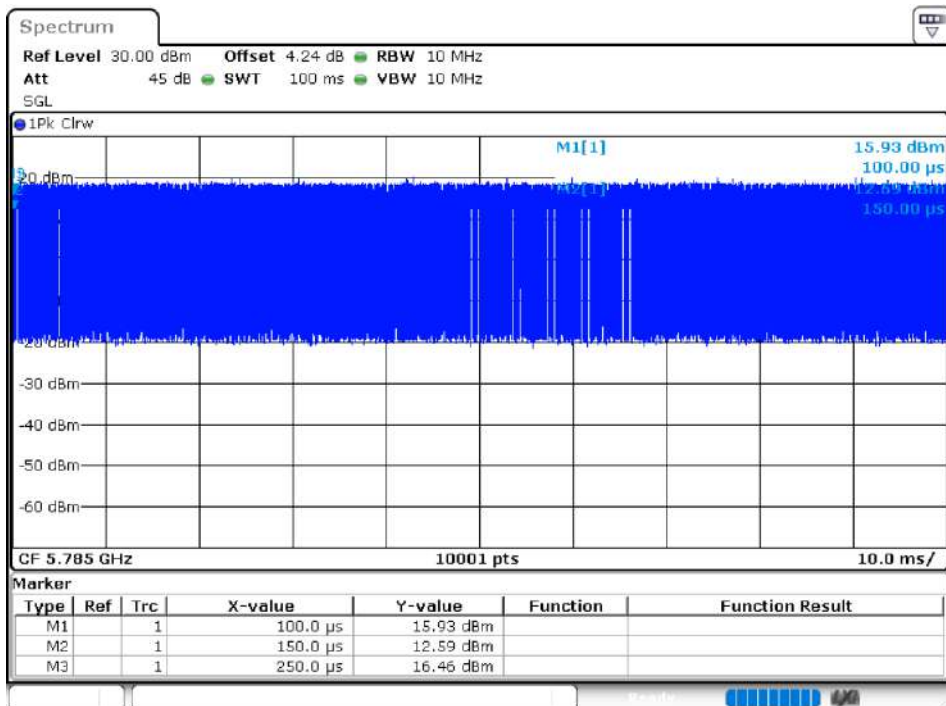




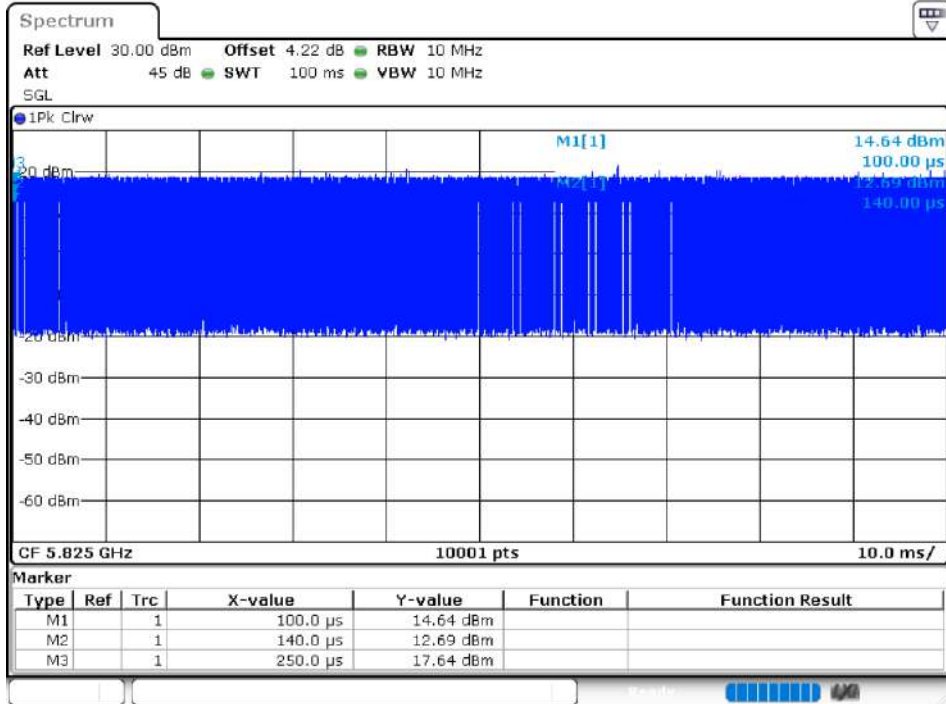
Duty Cycle NVNT ac20 5745MHz Ant1



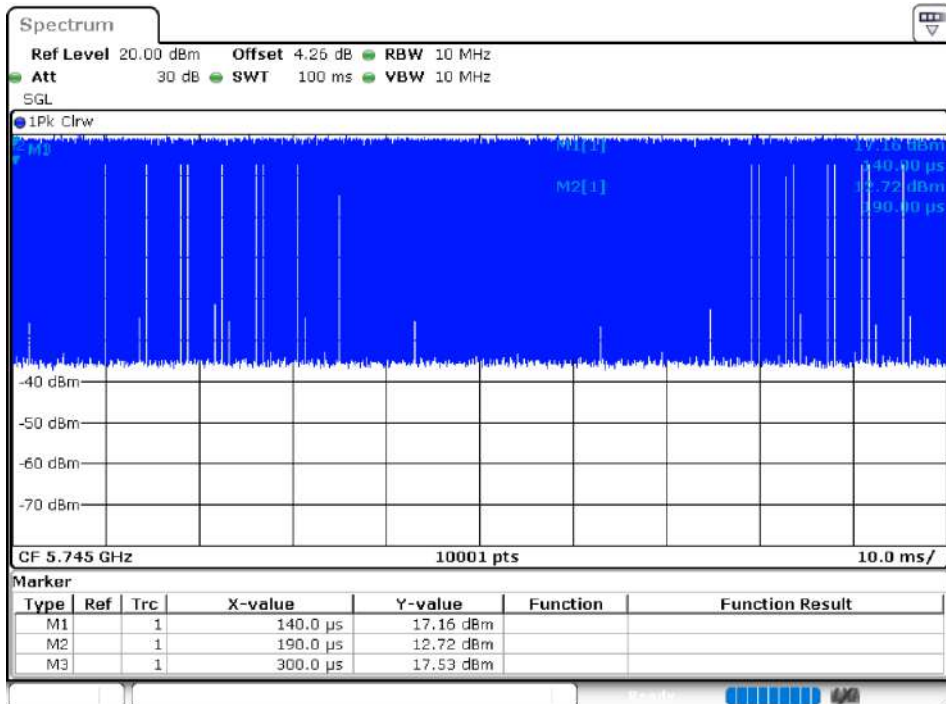
Duty Cycle NVNT ac20 5785MHz Ant1

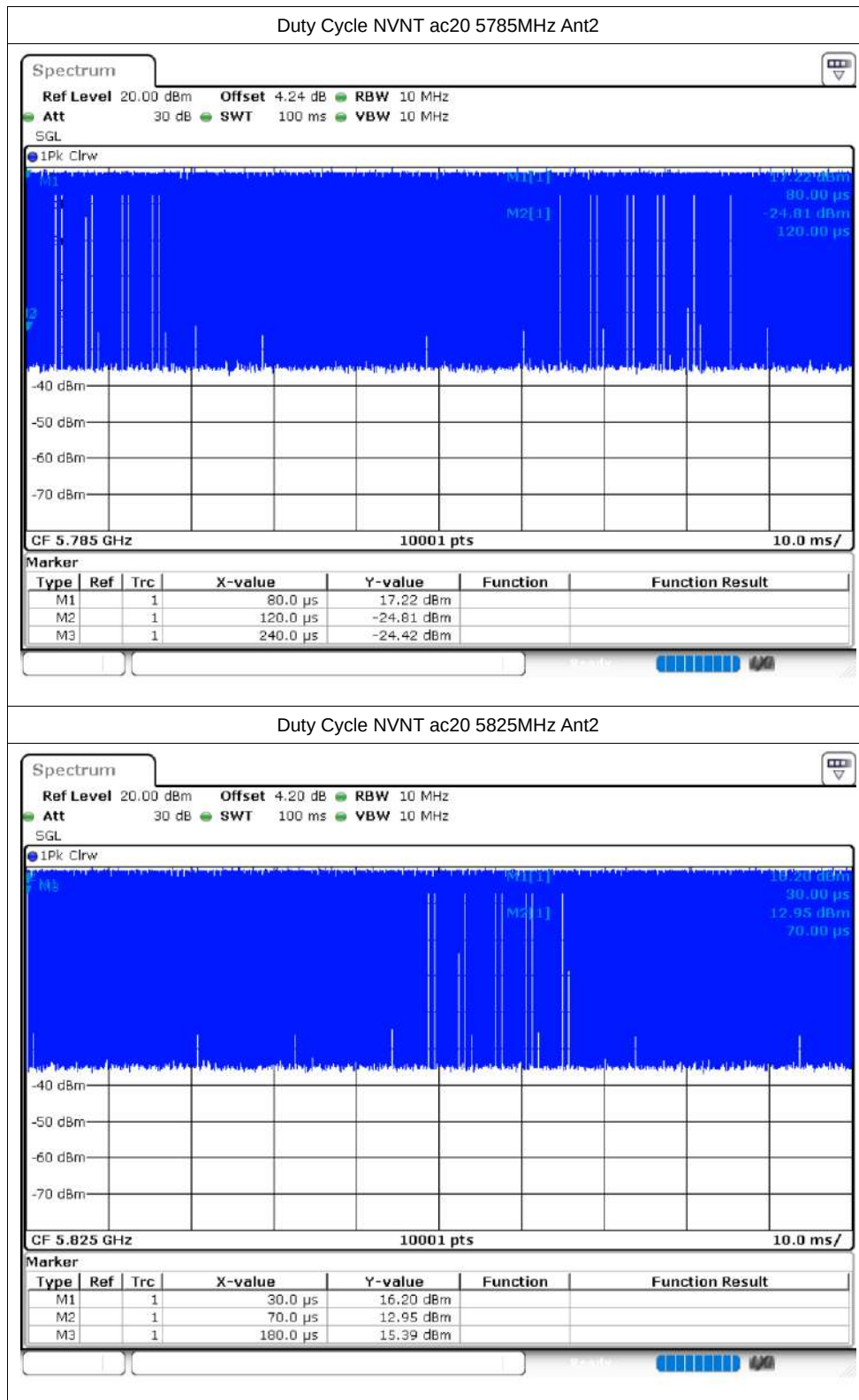


Duty Cycle NVNT ac20 5825MHz Ant1

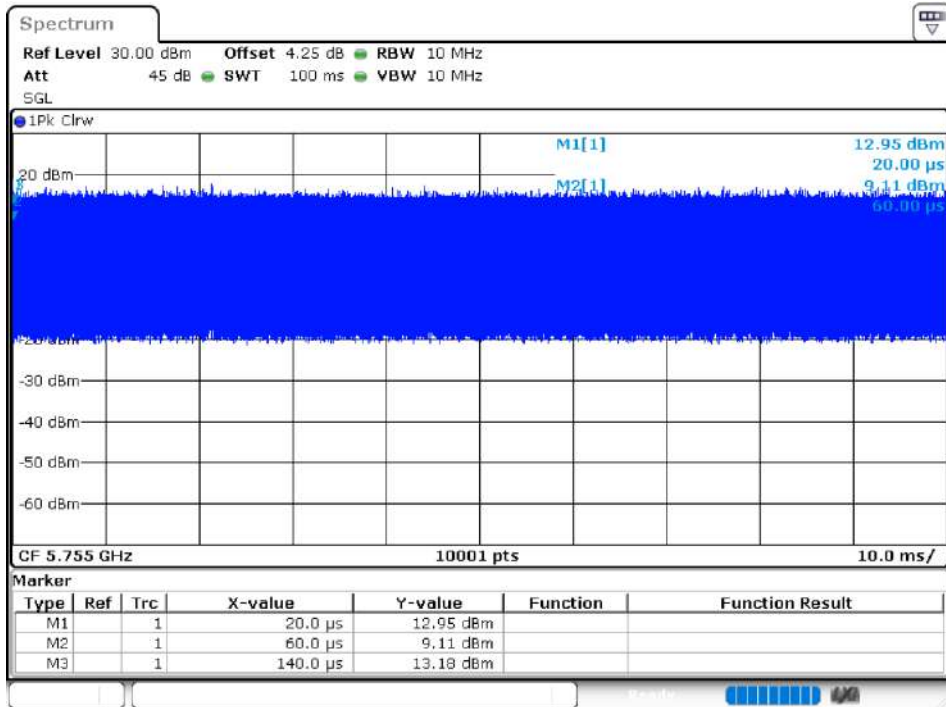


Duty Cycle NVNT ac20 5745MHz Ant2

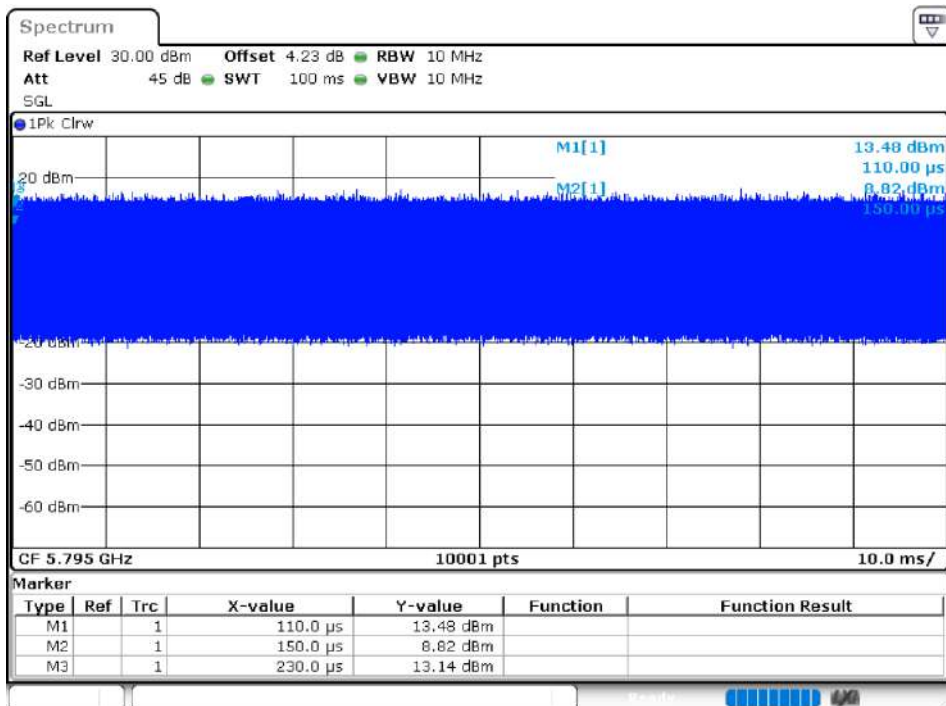


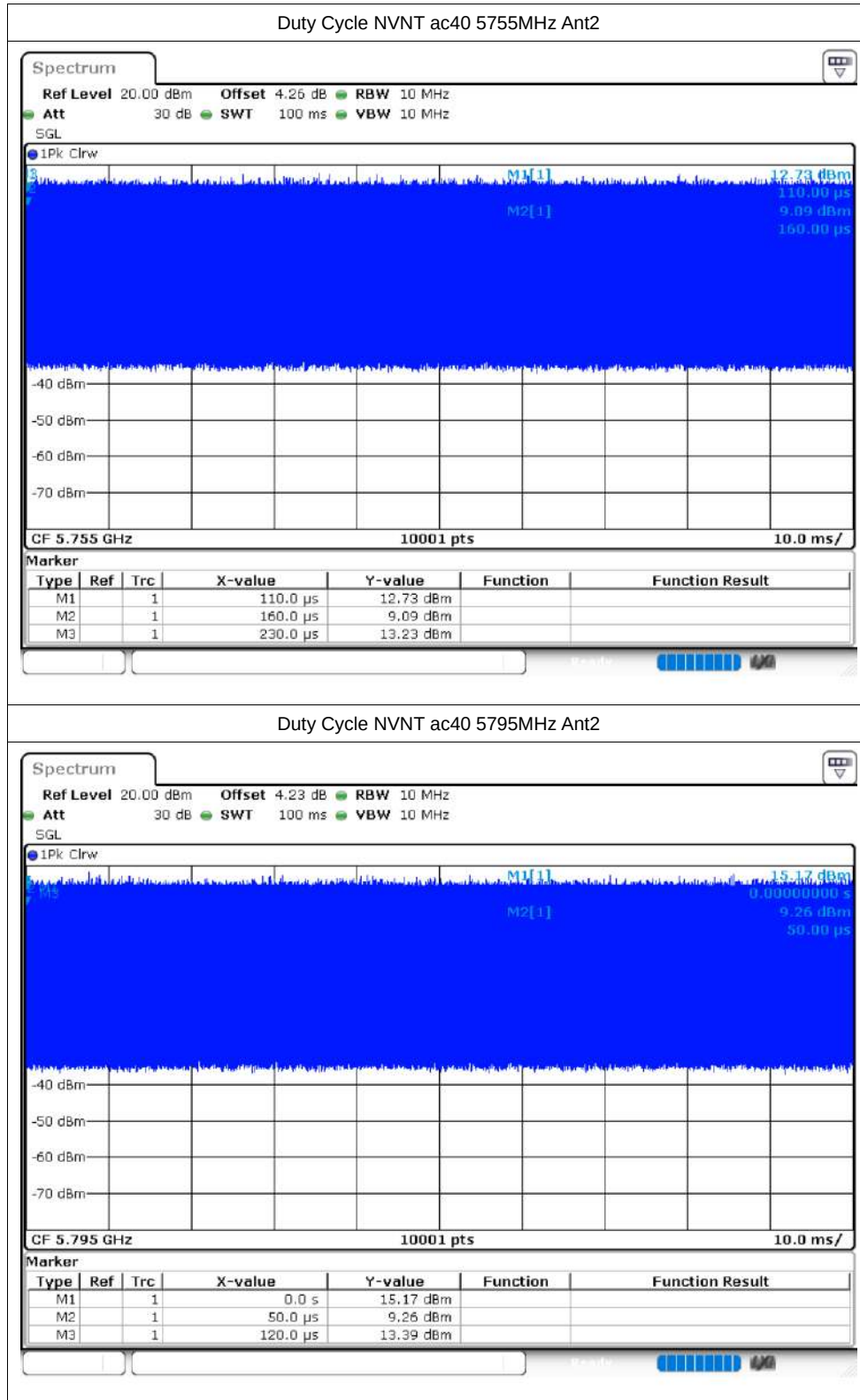


Duty Cycle NVNT ac40 5755MHz Ant1

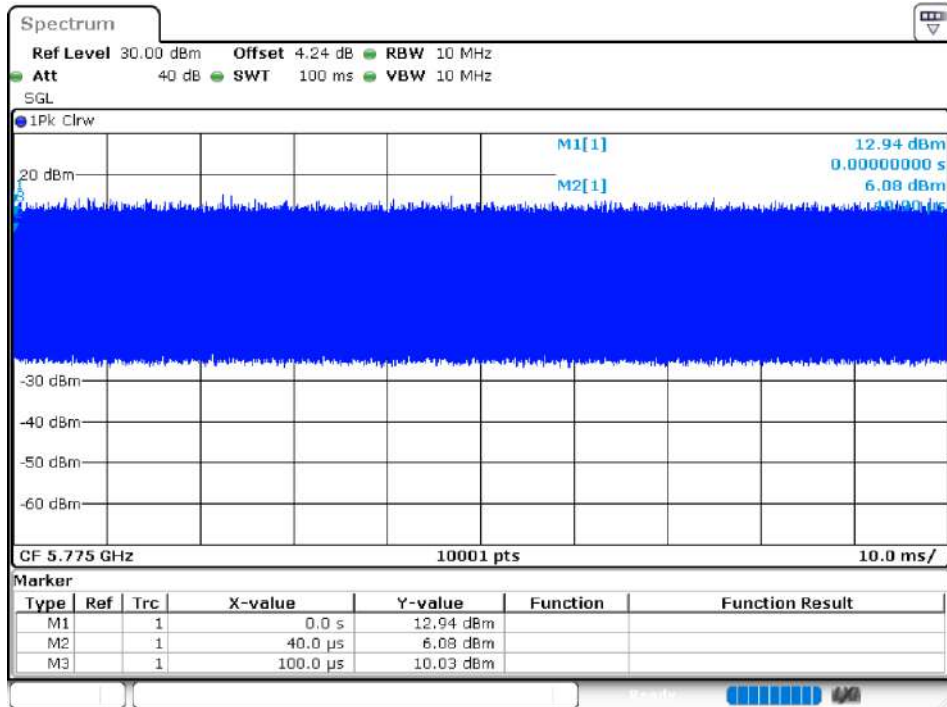


Duty Cycle NVNT ac40 5795MHz Ant1

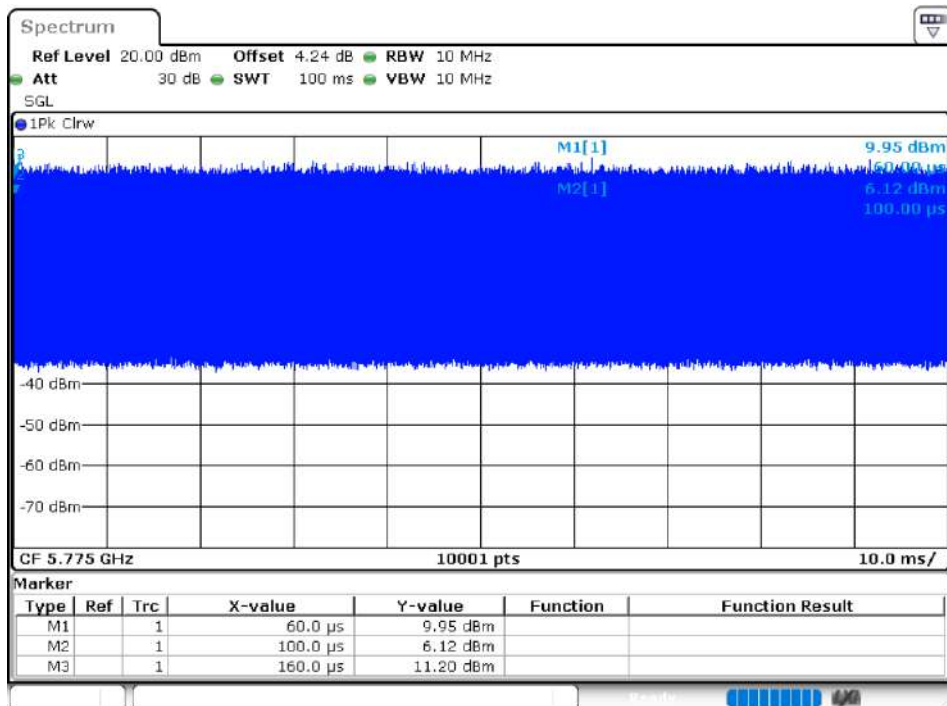




Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2



Maximum Conducted Output Power

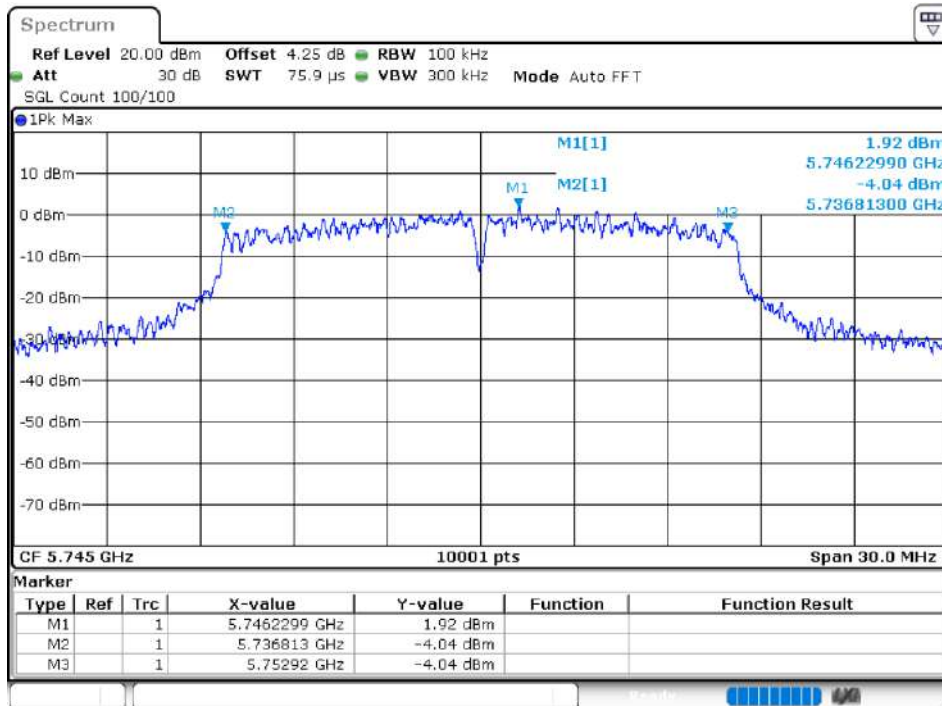
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.54	30	Pass
NVNT	a	5785	Ant1	12.78	30	Pass
NVNT	a	5825	Ant1	13.02	30	Pass
NVNT	a	5745	Ant2	12.67	30	Pass
NVNT	a	5785	Ant2	12.98	30	Pass
NVNT	a	5825	Ant2	13.37	30	Pass
NVNT	n20	5745	Ant1	11.16	30	Pass
NVNT	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

-6dB Bandwidth

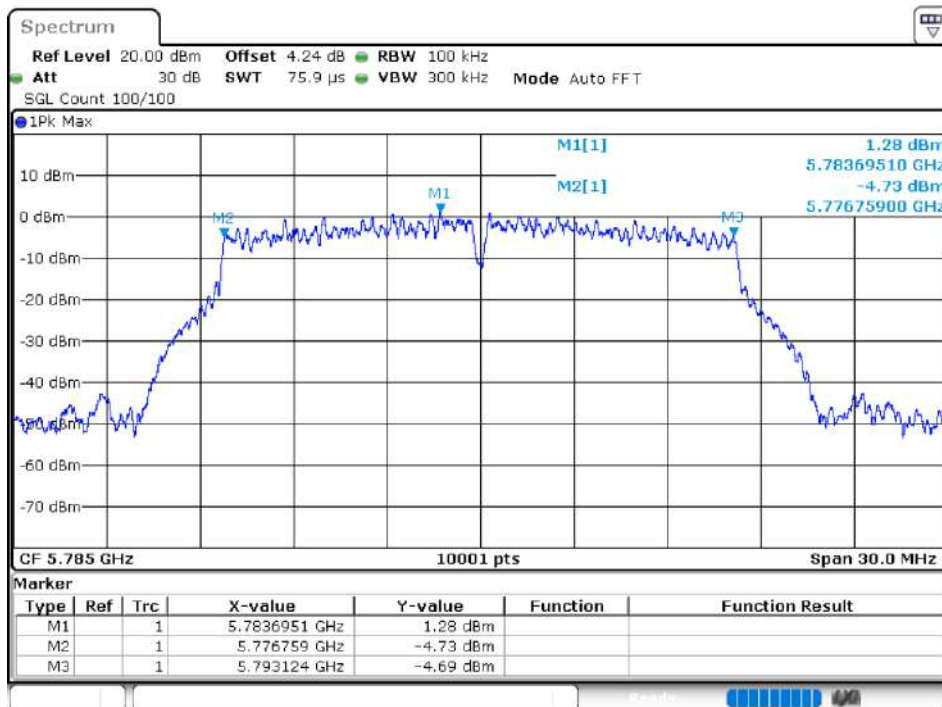
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.107	0.5	Pass
NVNT	a	5785	Ant1	16.365	0.5	Pass
NVNT	a	5825	Ant1	15.678	0.5	Pass
NVNT	a	5745	Ant2	15.024	0.5	Pass
NVNT	a	5785	Ant2	15.078	0.5	Pass
NVNT	a	5825	Ant2	16.032	0.5	Pass
NVNT	n20	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

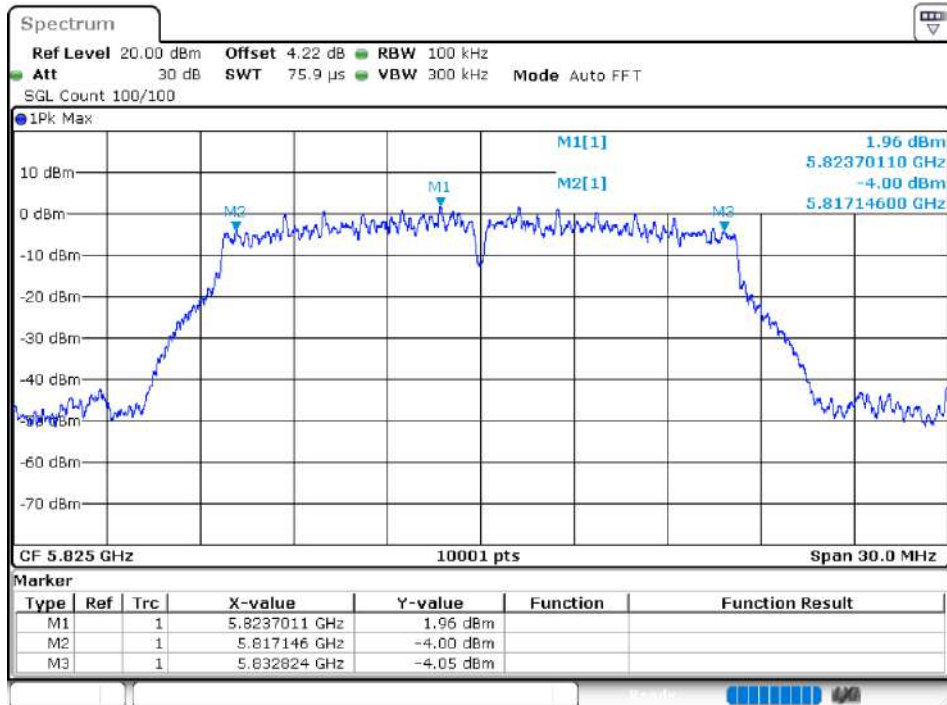
-6dB Bandwidth NVNT a 5745MHz Ant1



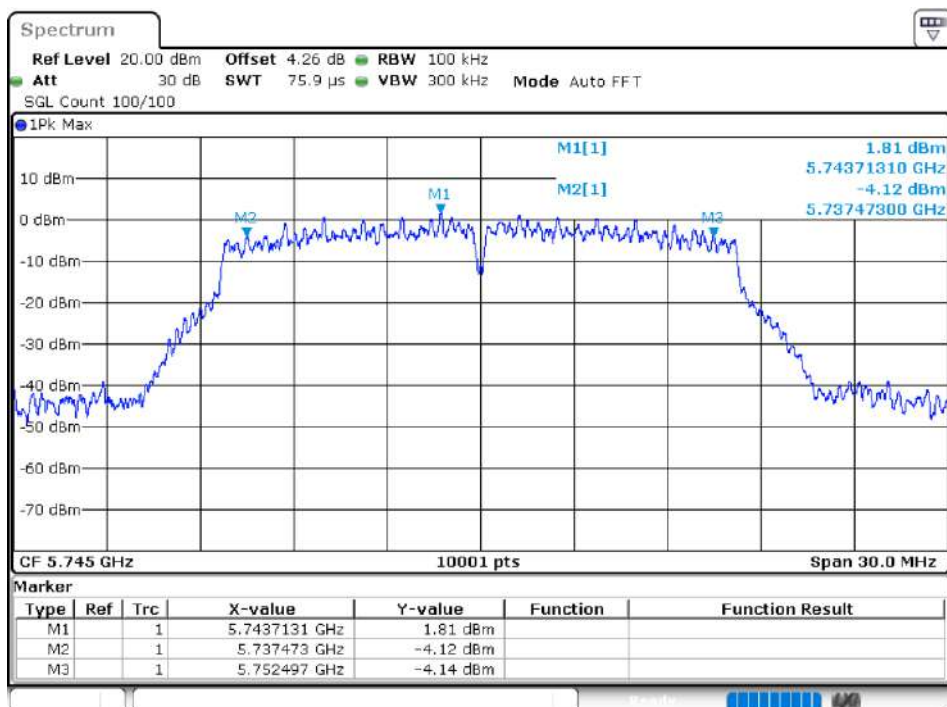
-6dB Bandwidth NVNT a 5785MHz Ant1



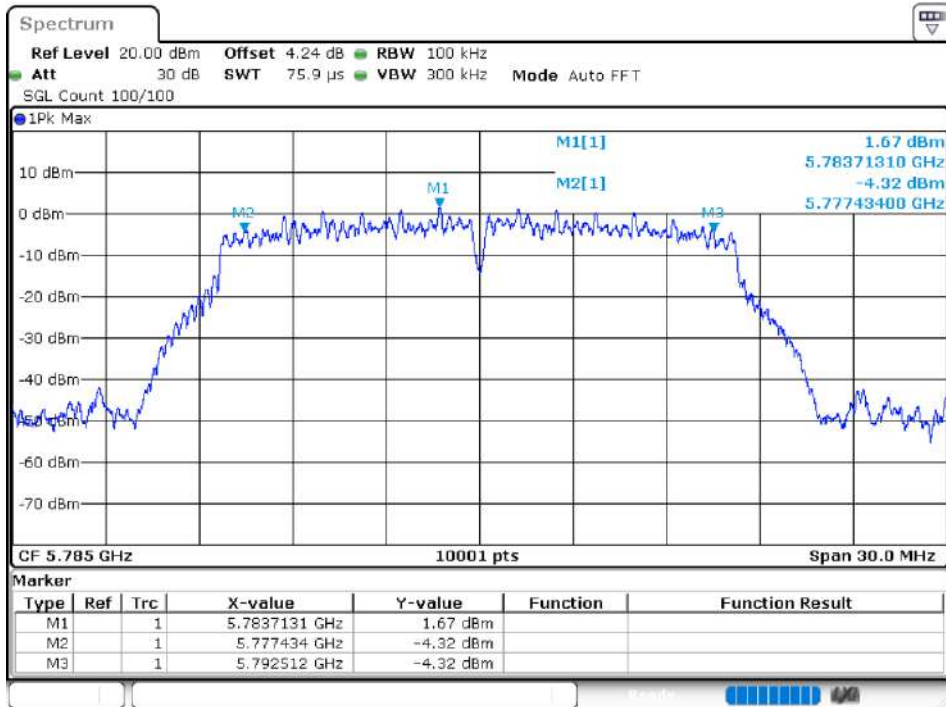
-6dB Bandwidth NVNT a 5825MHz Ant1



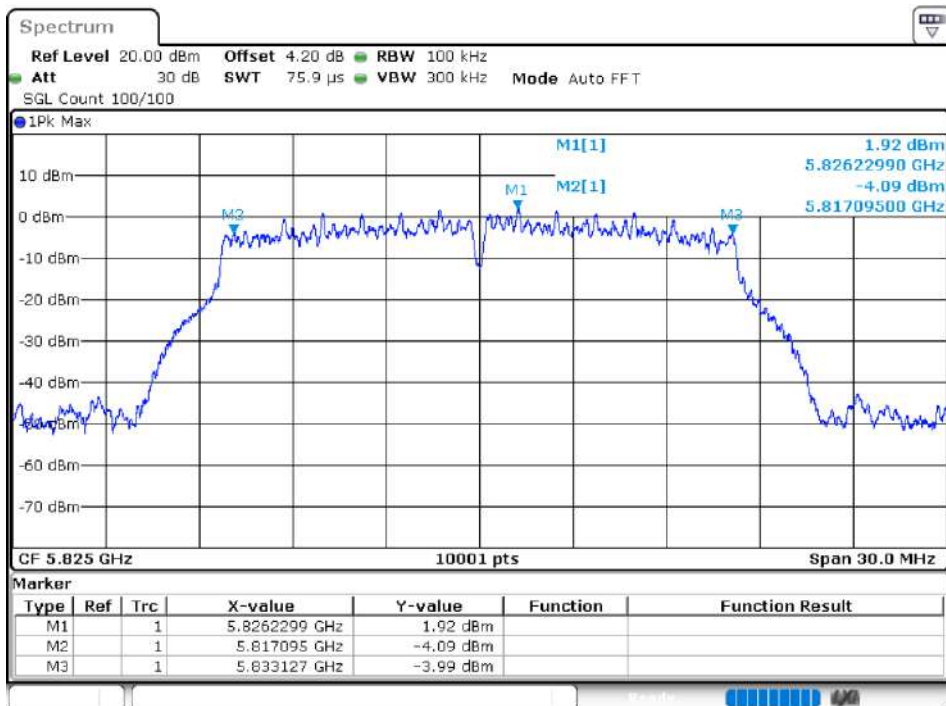
-6dB Bandwidth NVNT a 5745MHz Ant2



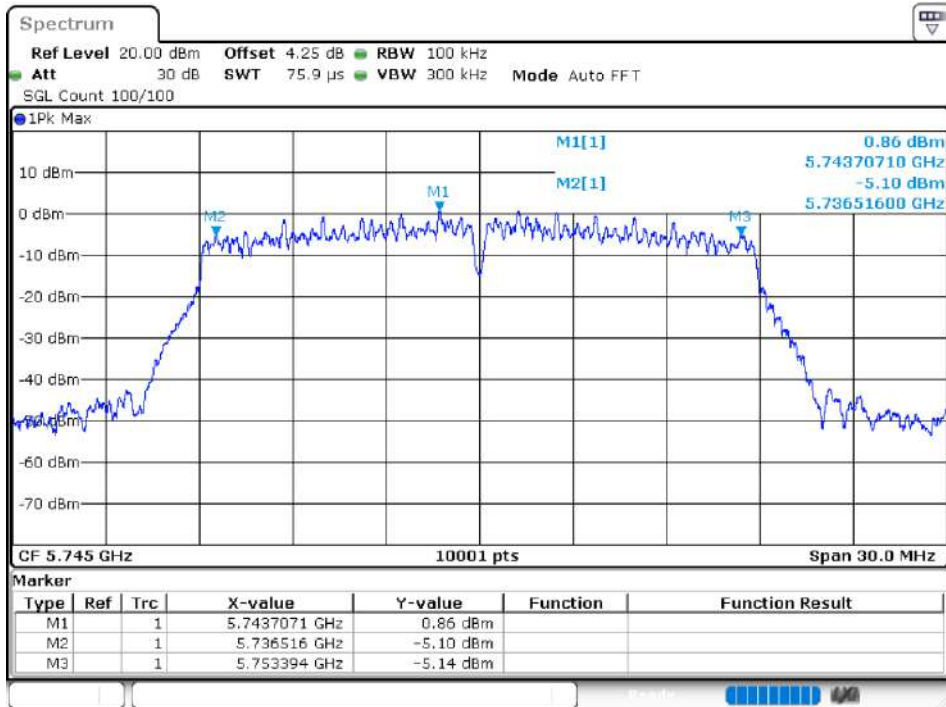
-6dB Bandwidth NVNT a 5785MHz Ant2



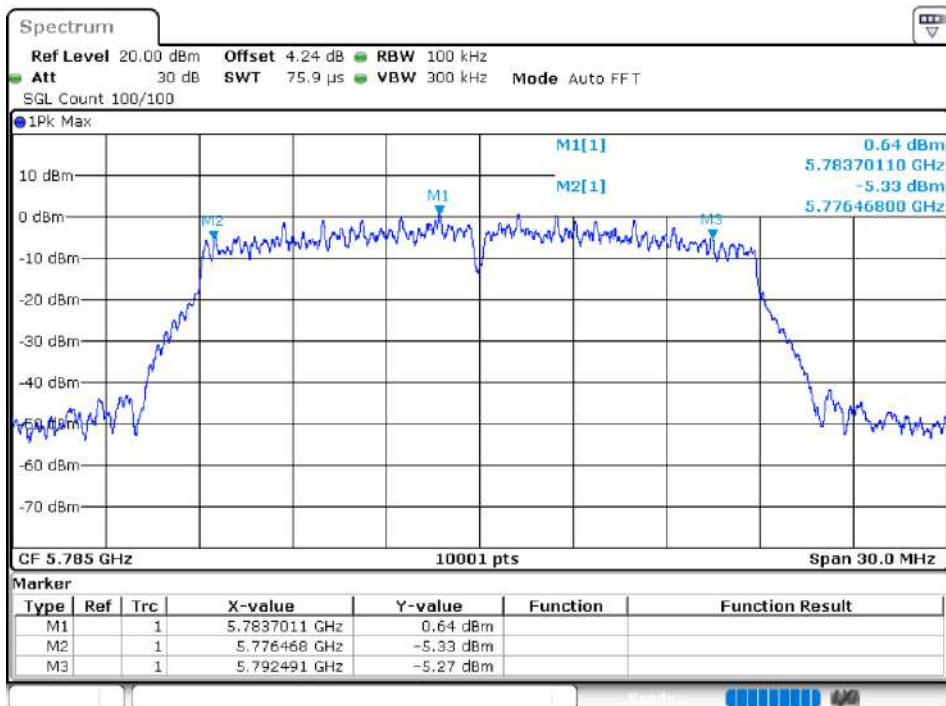
-6dB Bandwidth NVNT a 5825MHz Ant2



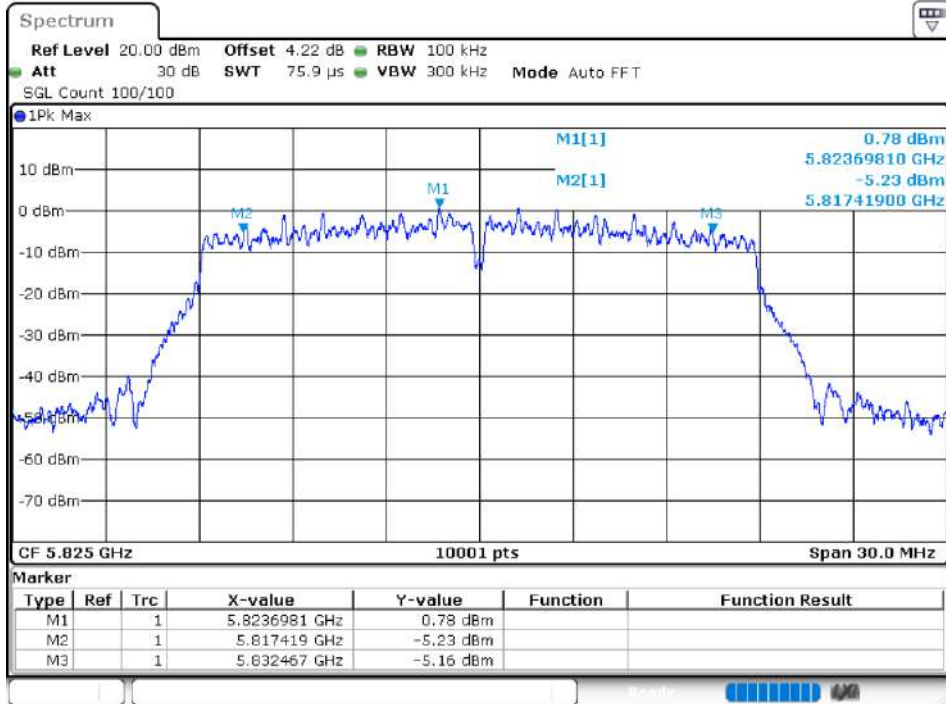
-6dB Bandwidth NVNT n20 5745MHz Ant1



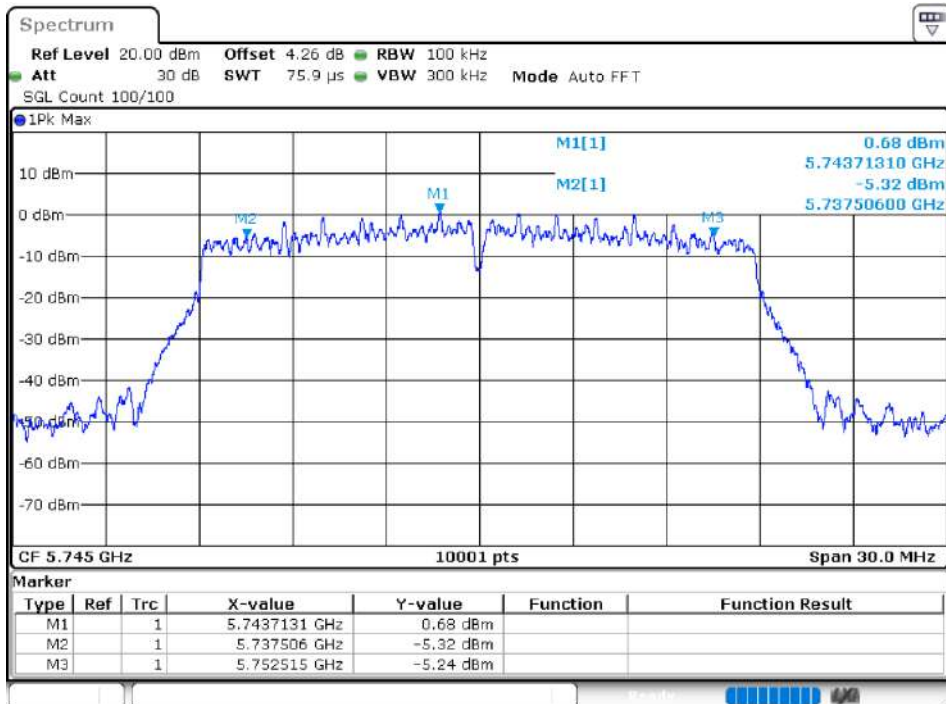
-6dB Bandwidth NVNT n20 5785MHz Ant1



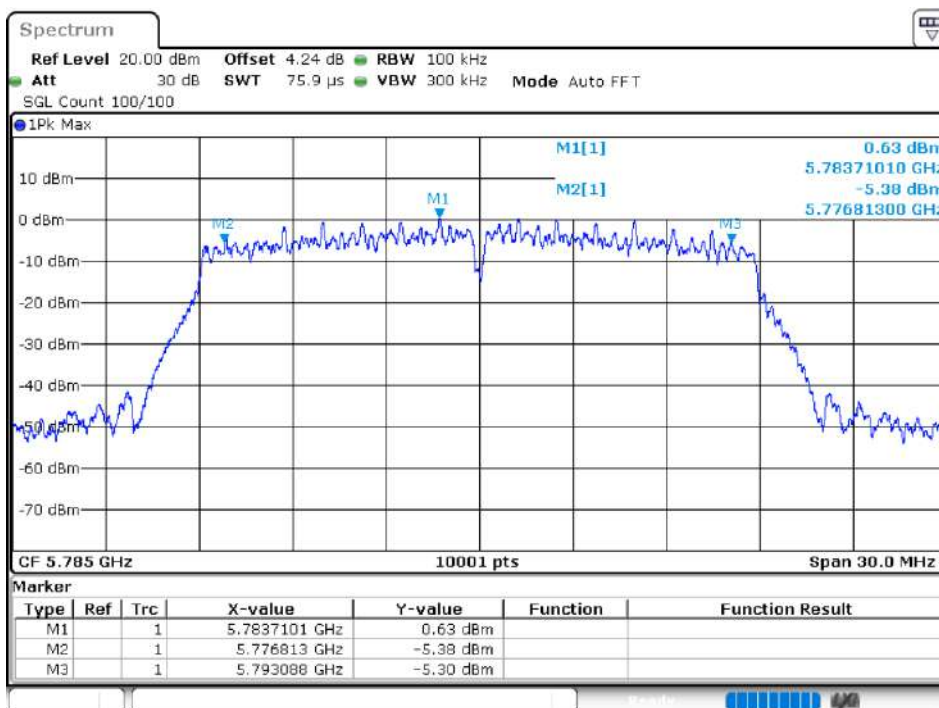
-6dB Bandwidth NVNT n20 5825MHz Ant1



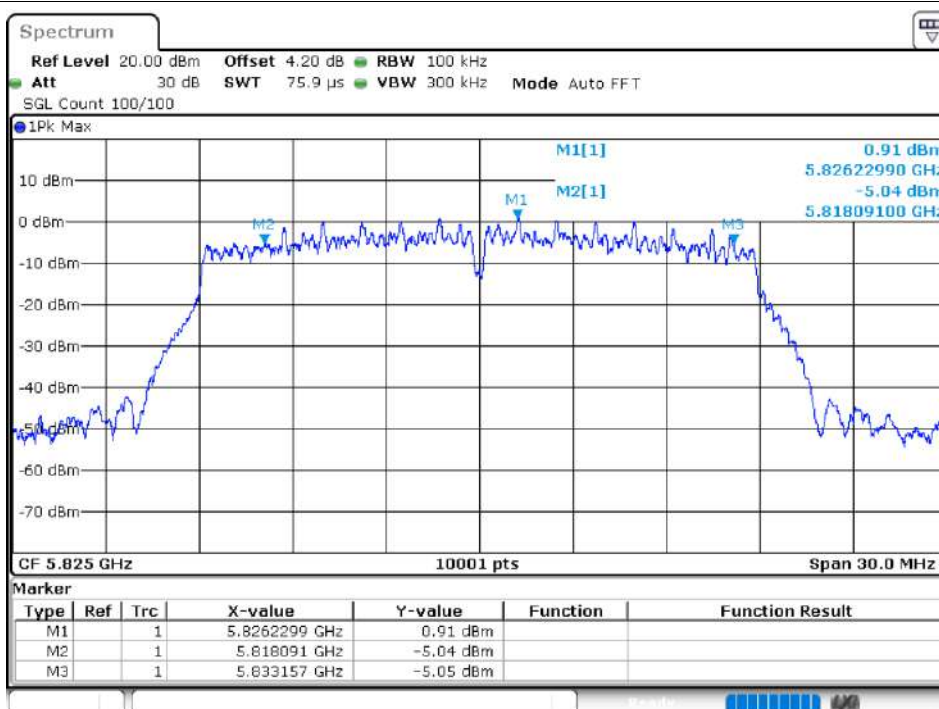
-6dB Bandwidth NVNT n20 5745MHz Ant2



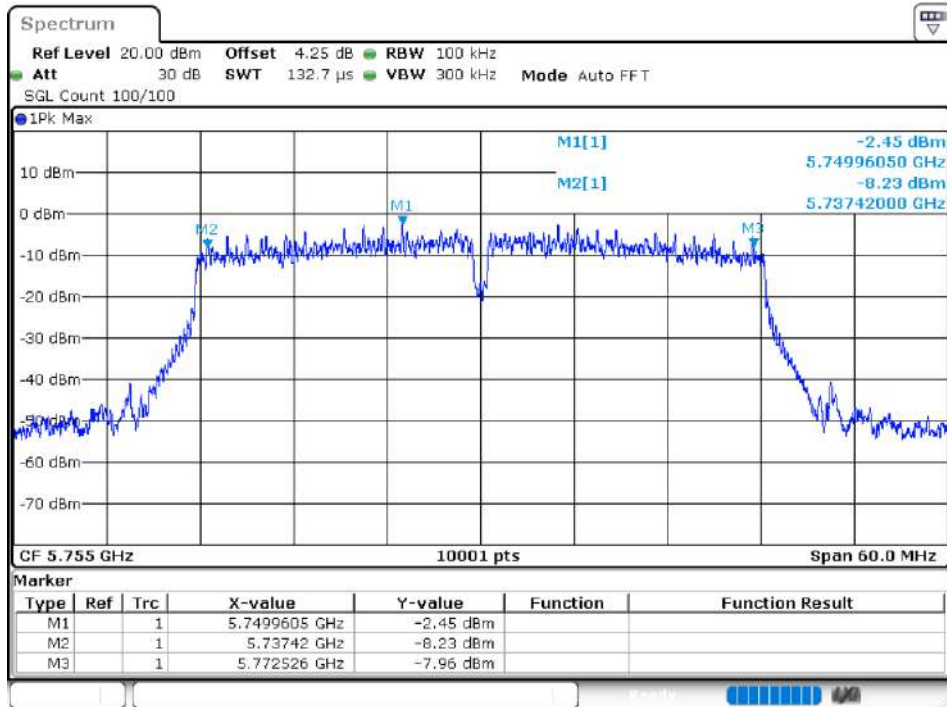
-6dB Bandwidth NVNT n20 5785MHz Ant2



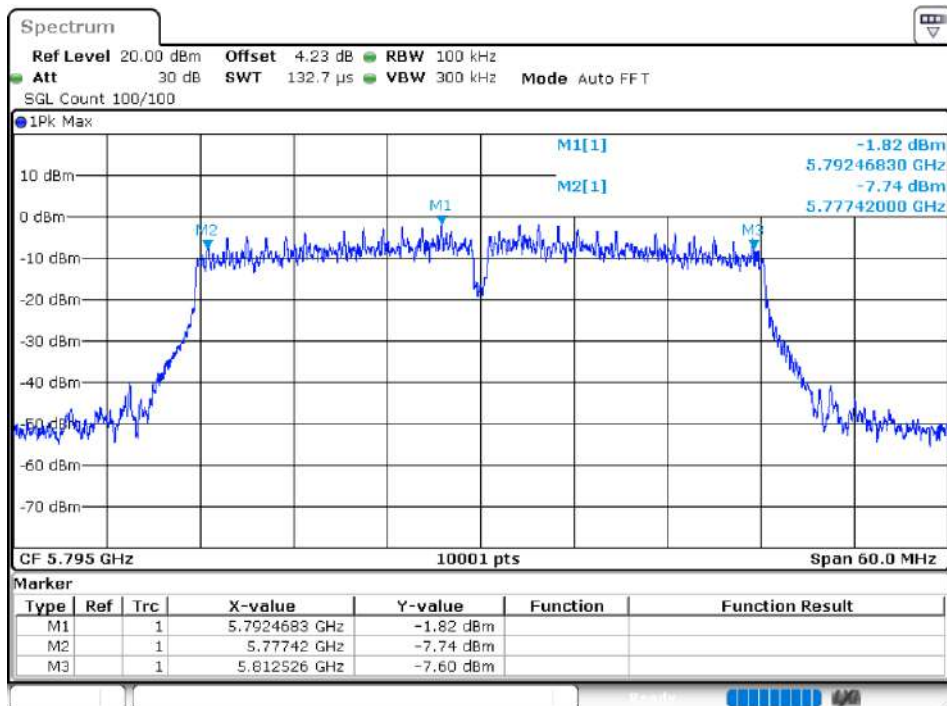
-6dB Bandwidth NVNT n20 5825MHz Ant2



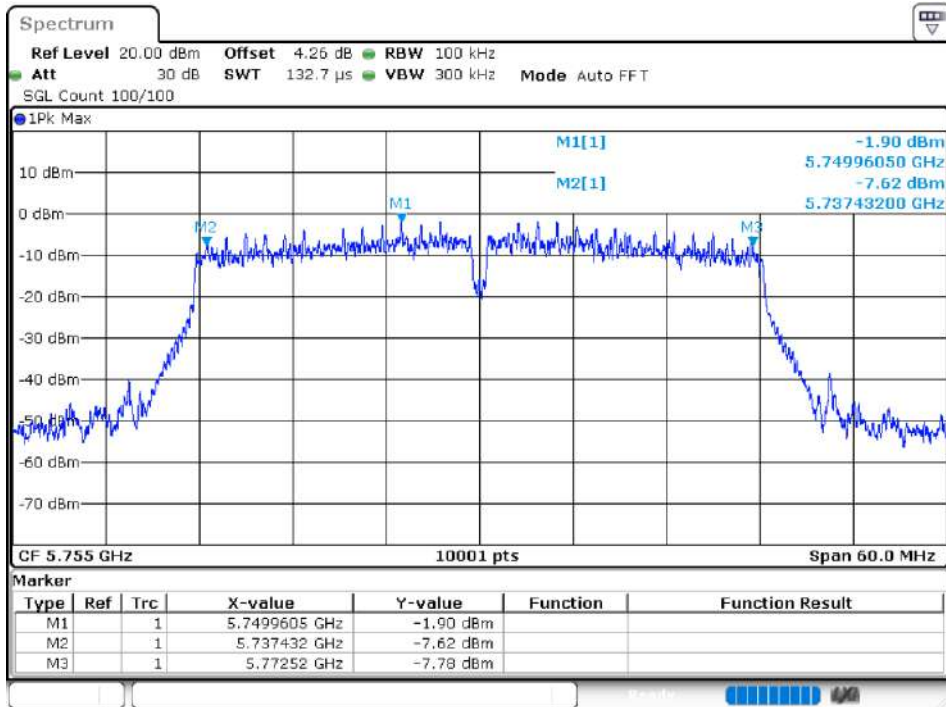
-6dB Bandwidth NVNT n40 5755MHz Ant1



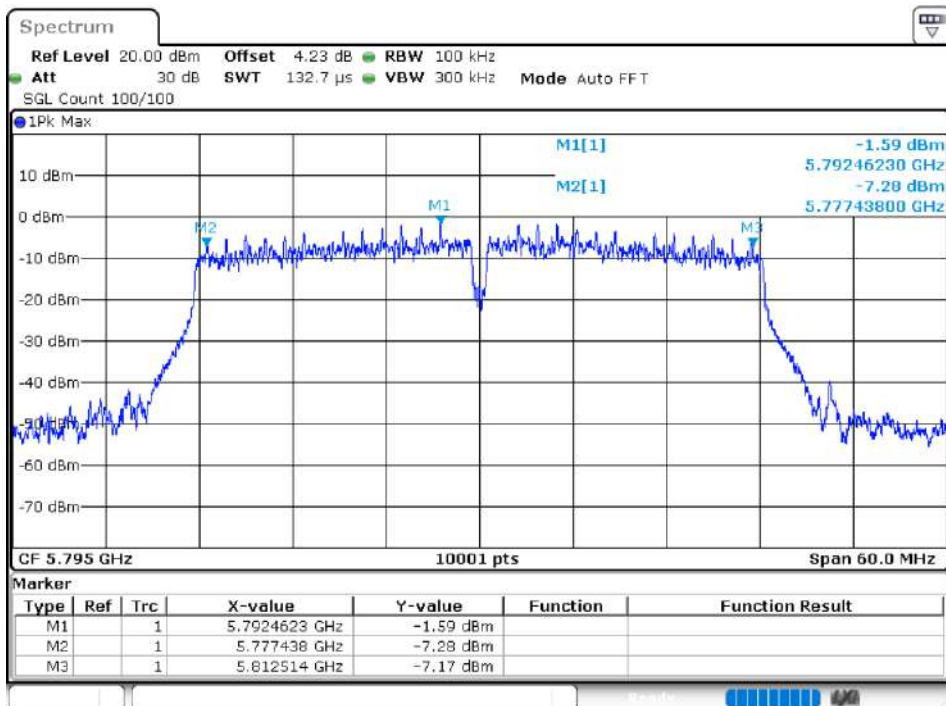
-6dB Bandwidth NVNT n40 5795MHz Ant1



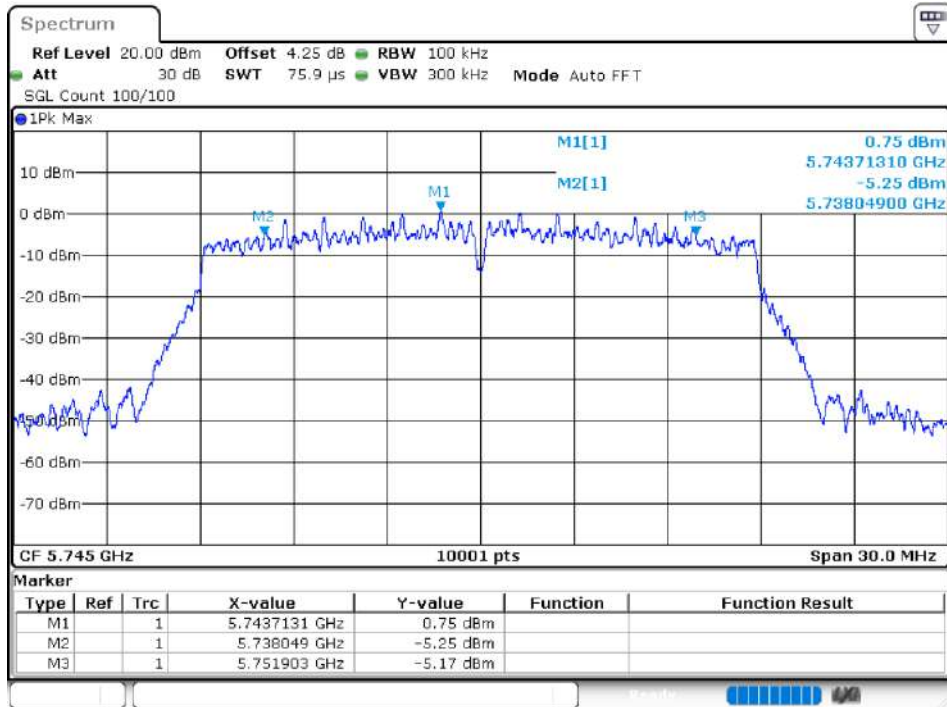
-6dB Bandwidth NVNT n40 5755MHz Ant2



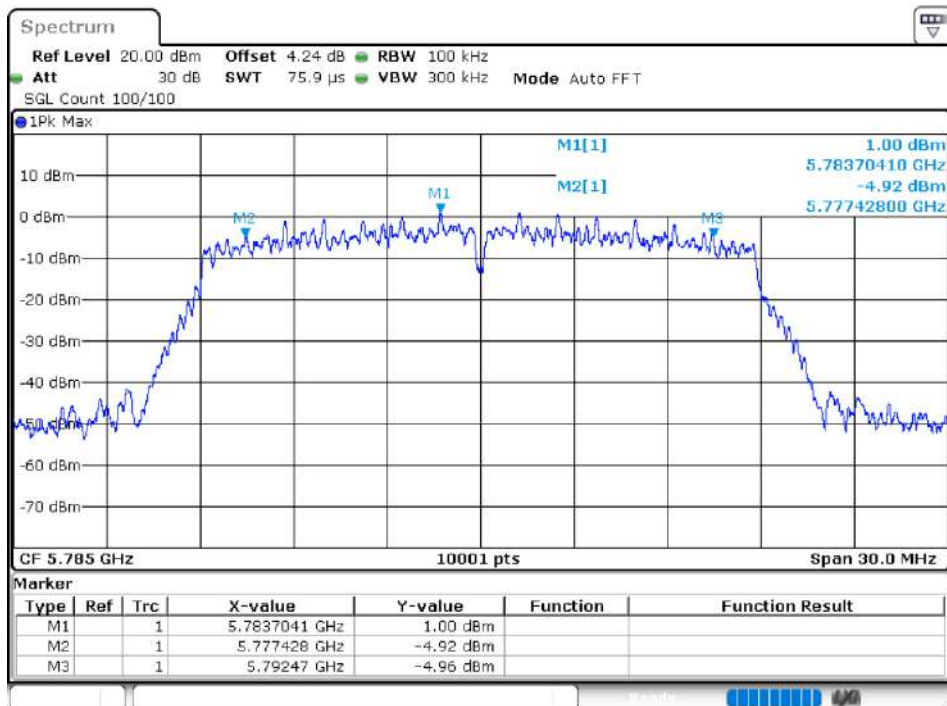
-6dB Bandwidth NVNT n40 5795MHz Ant2



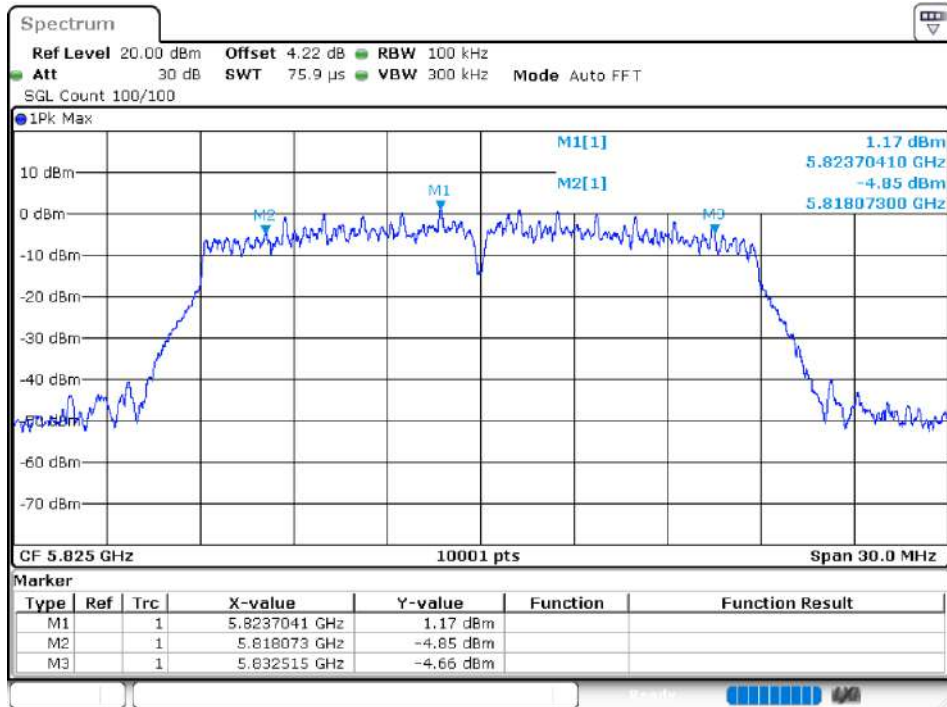
-6dB Bandwidth NVNT ac20 5745MHz Ant1



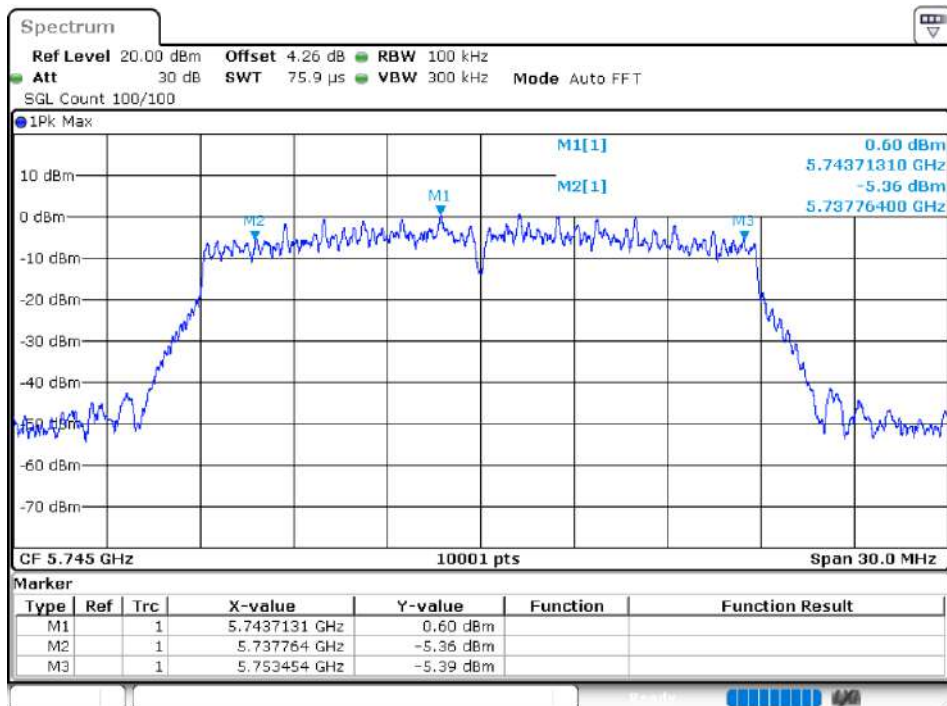
-6dB Bandwidth NVNT ac20 5785MHz Ant1



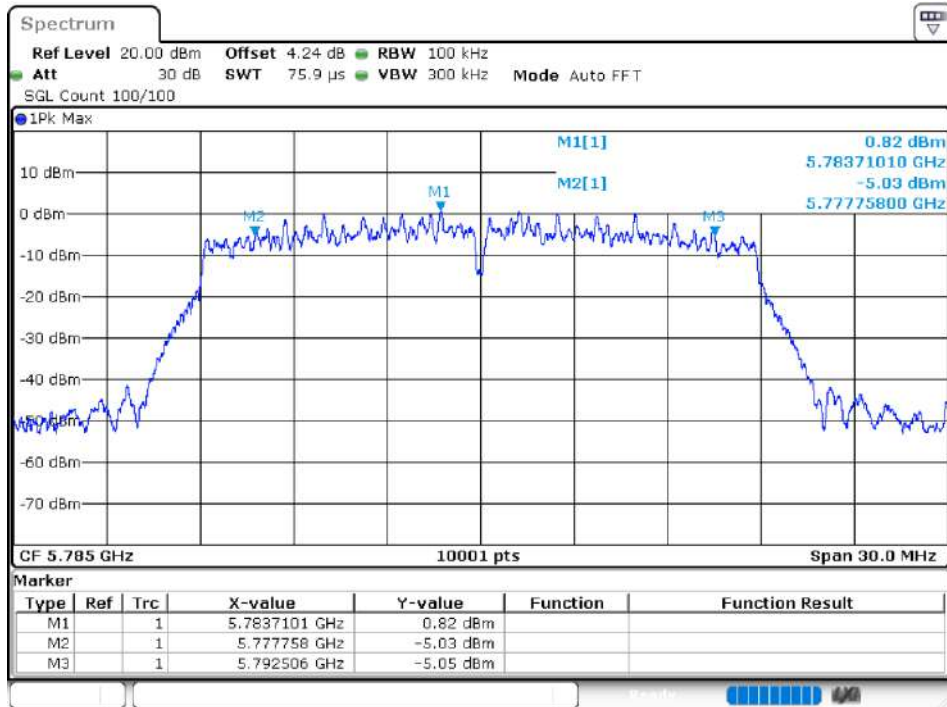
-6dB Bandwidth NVNT ac20 5825MHz Ant1



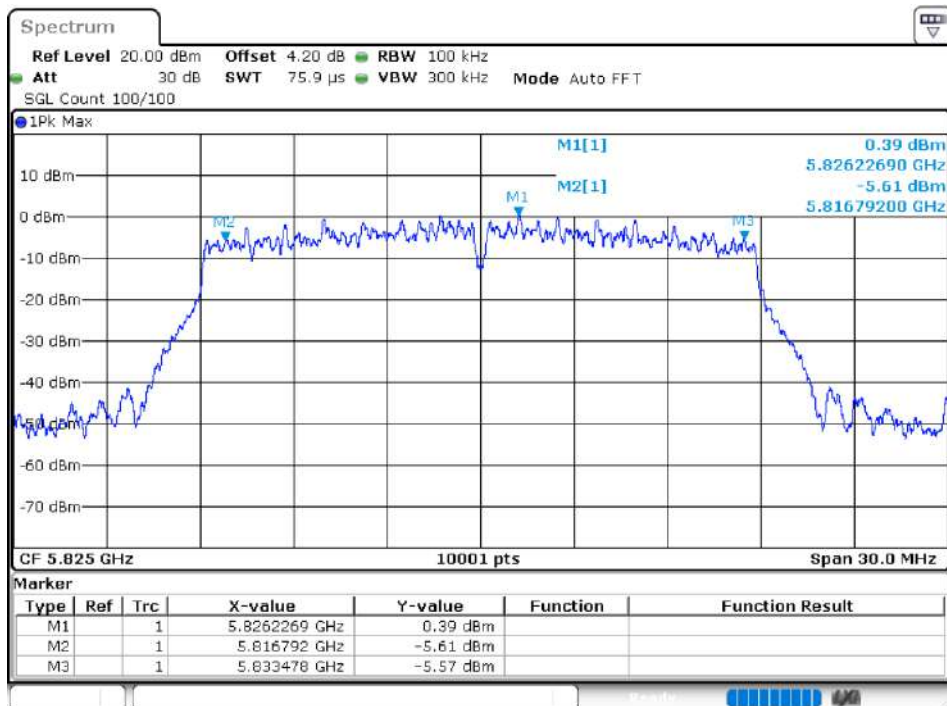
-6dB Bandwidth NVNT ac20 5745MHz Ant2



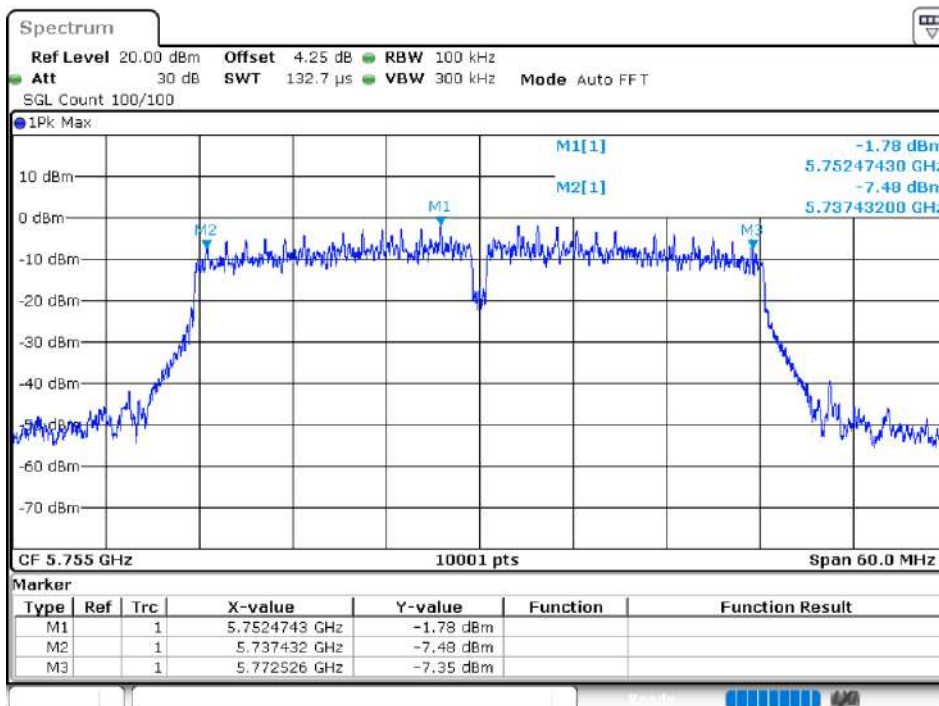
-6dB Bandwidth NVNT ac20 5785MHz Ant2



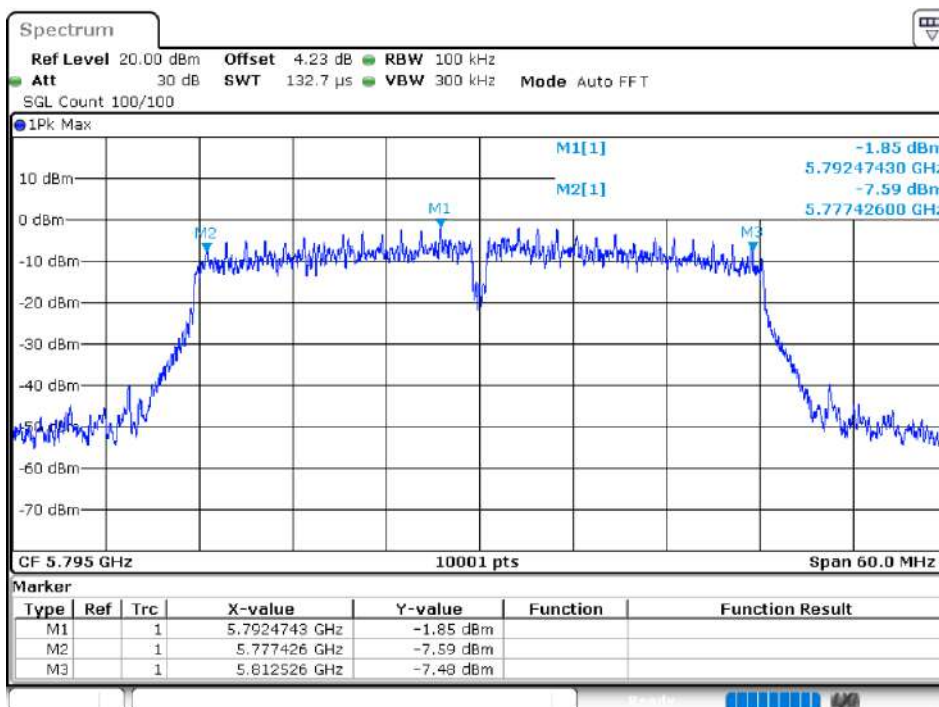
-6dB Bandwidth NVNT ac20 5825MHz Ant2



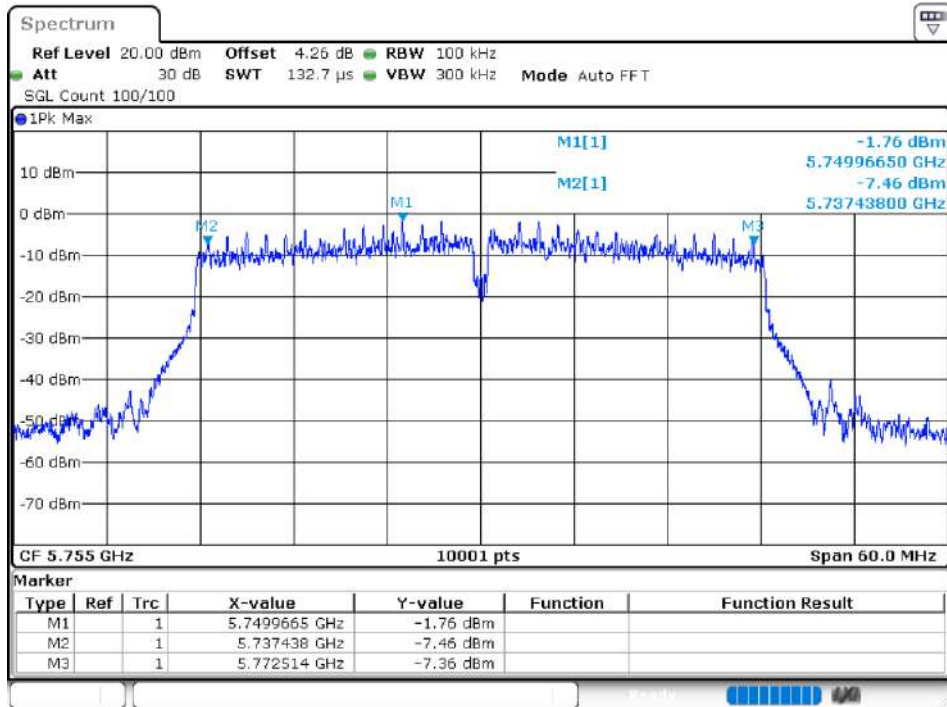
-6dB Bandwidth NVNT ac40 5755MHz Ant1



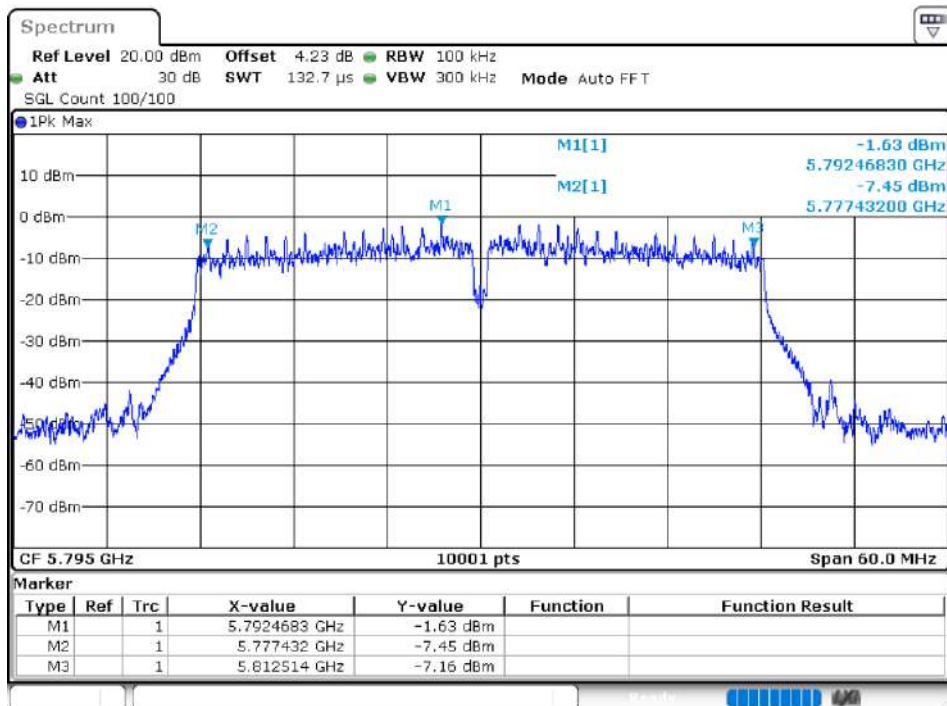
-6dB Bandwidth NVNT ac40 5795MHz Ant1



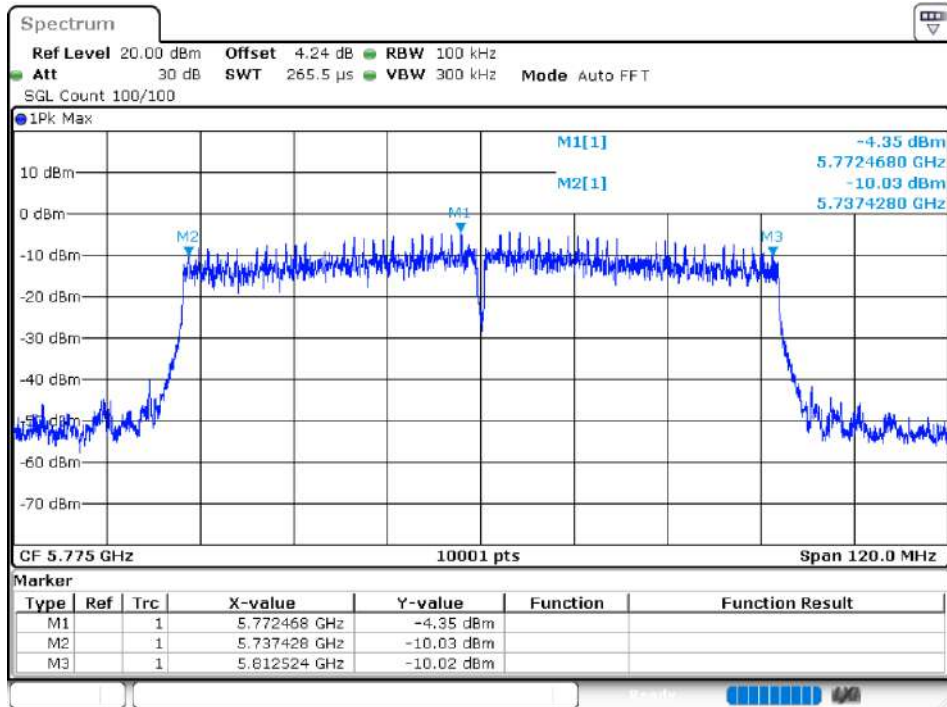
-6dB Bandwidth NVNT ac40 5755MHz Ant2



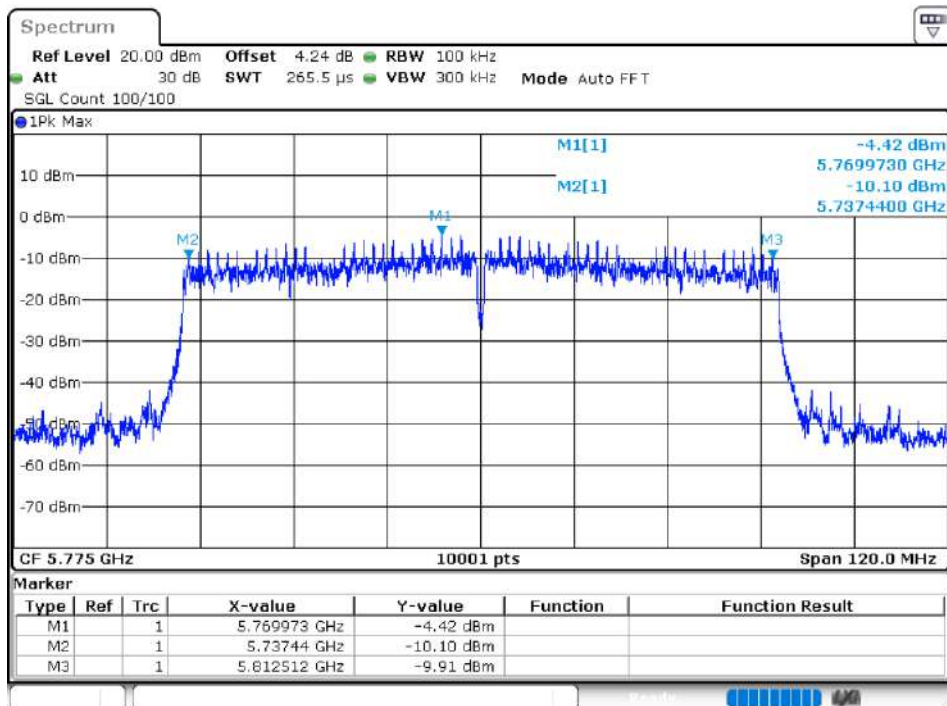
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2

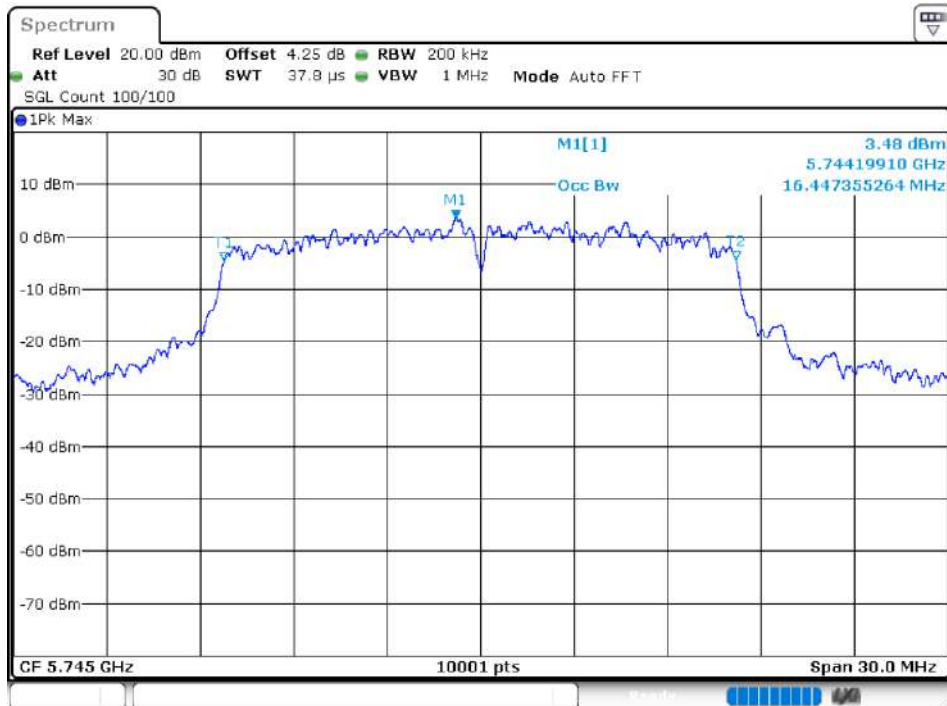


Occupied Channel Bandwidth

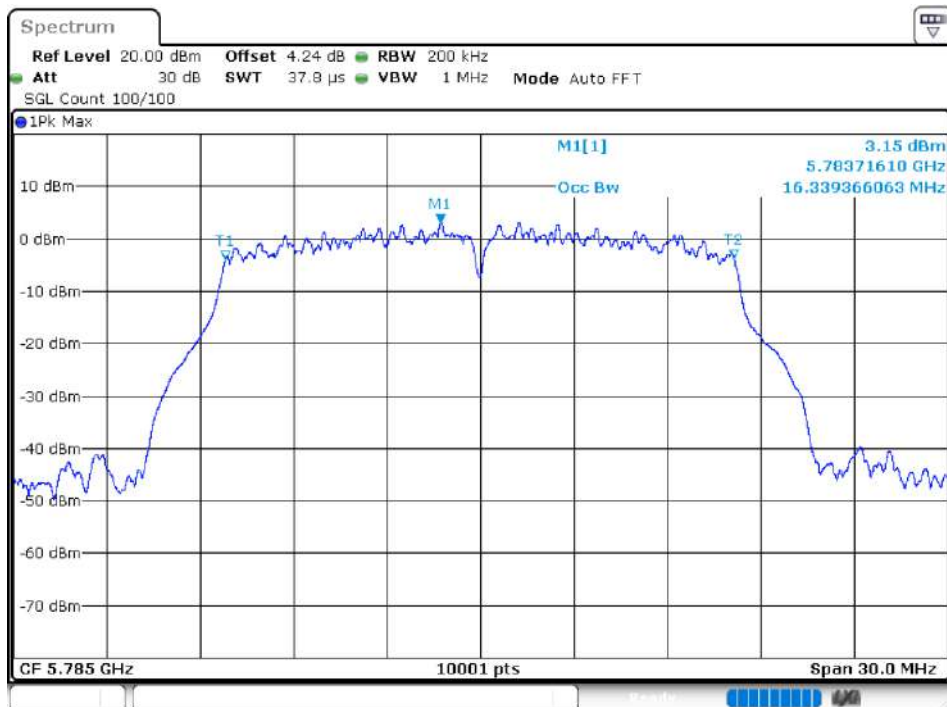
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.447
NVNT	a	5785	Ant1	16.339
NVNT	a	5825	Ant1	16.39
NVNT	a	5745	Ant2	16.36
NVNT	a	5785	Ant2	16.444
NVNT	a	5825	Ant2	16.309
NVNT	n20	5745	Ant1	17.518
NVNT	n20	5785	Ant1	17.527
NVNT	n20	5825	Ant1	17.524
NVNT	n20	5745	Ant2	17.53
NVNT	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

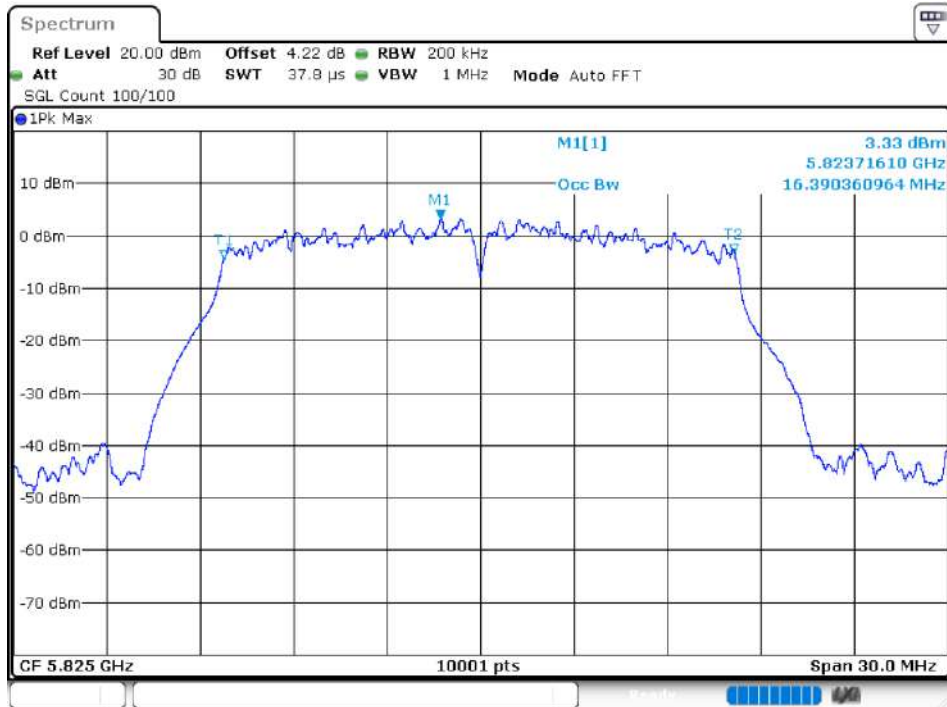
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



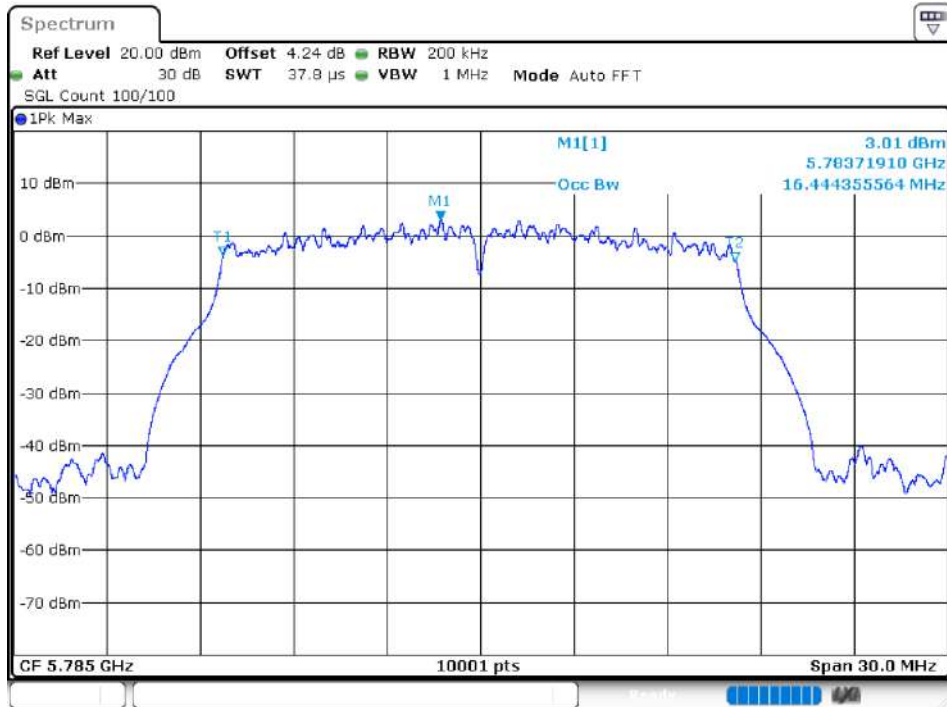
OBW NVNT a 5825MHz Ant1



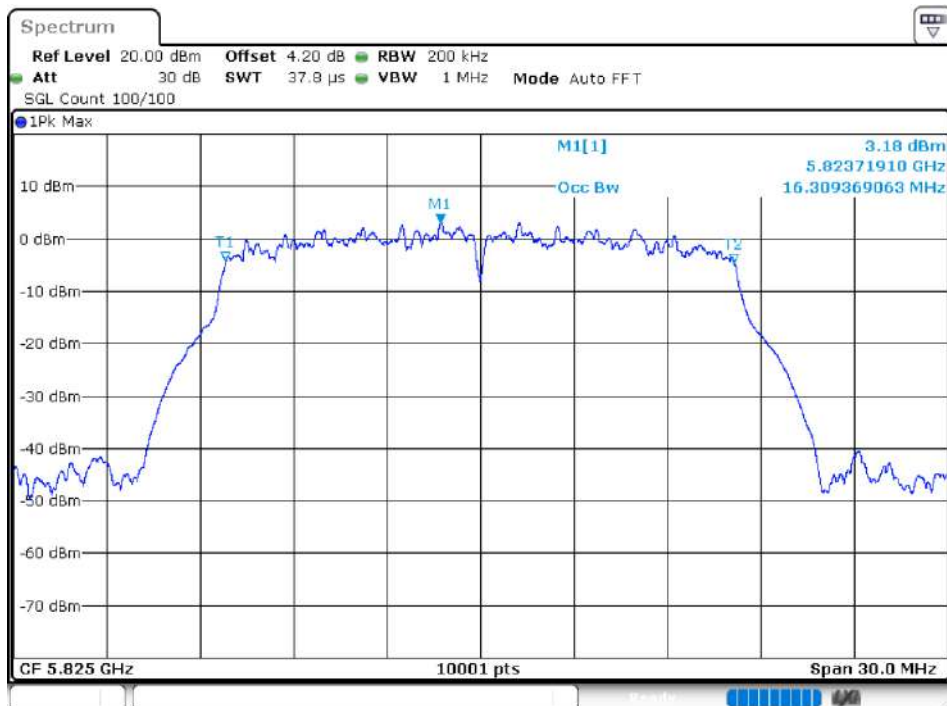
OBW NVNT a 5745MHz Ant2



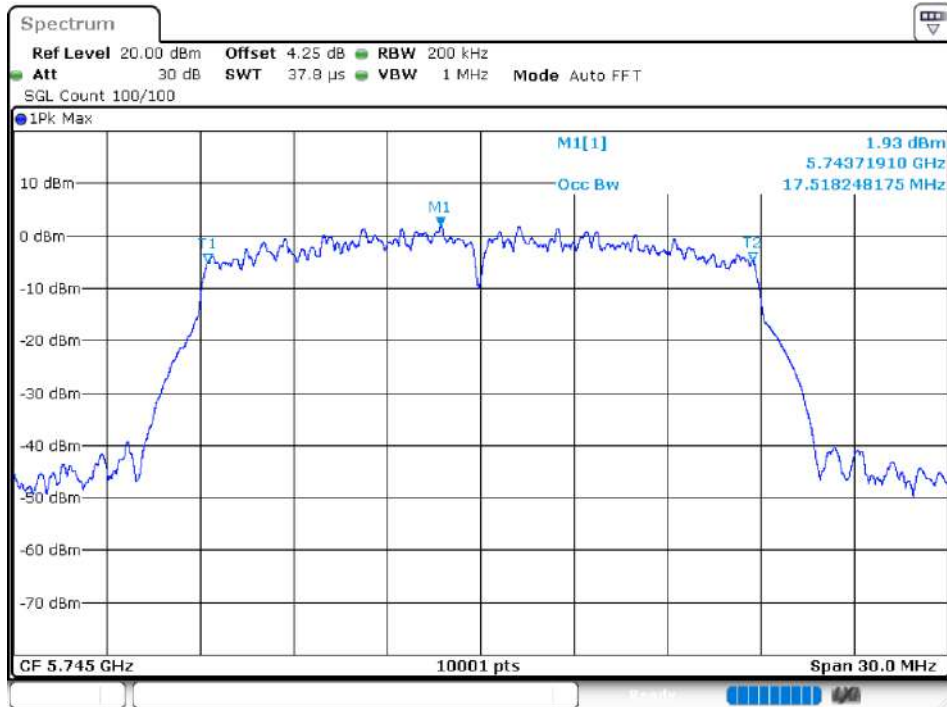
OBW NVNT a 5785MHz Ant2



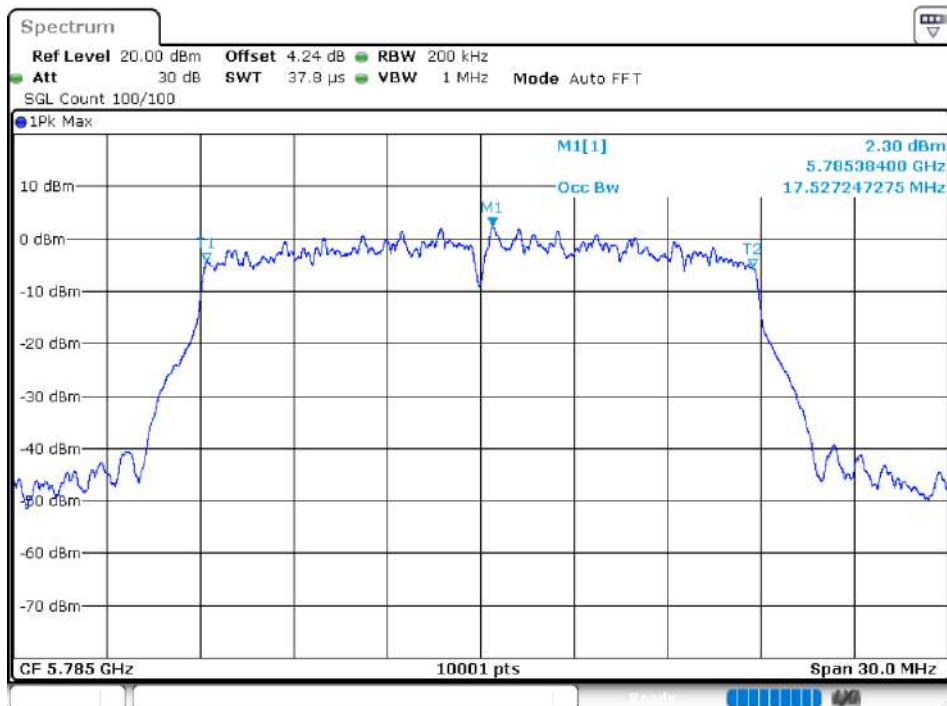
OBW NVNT a 5825MHz Ant2

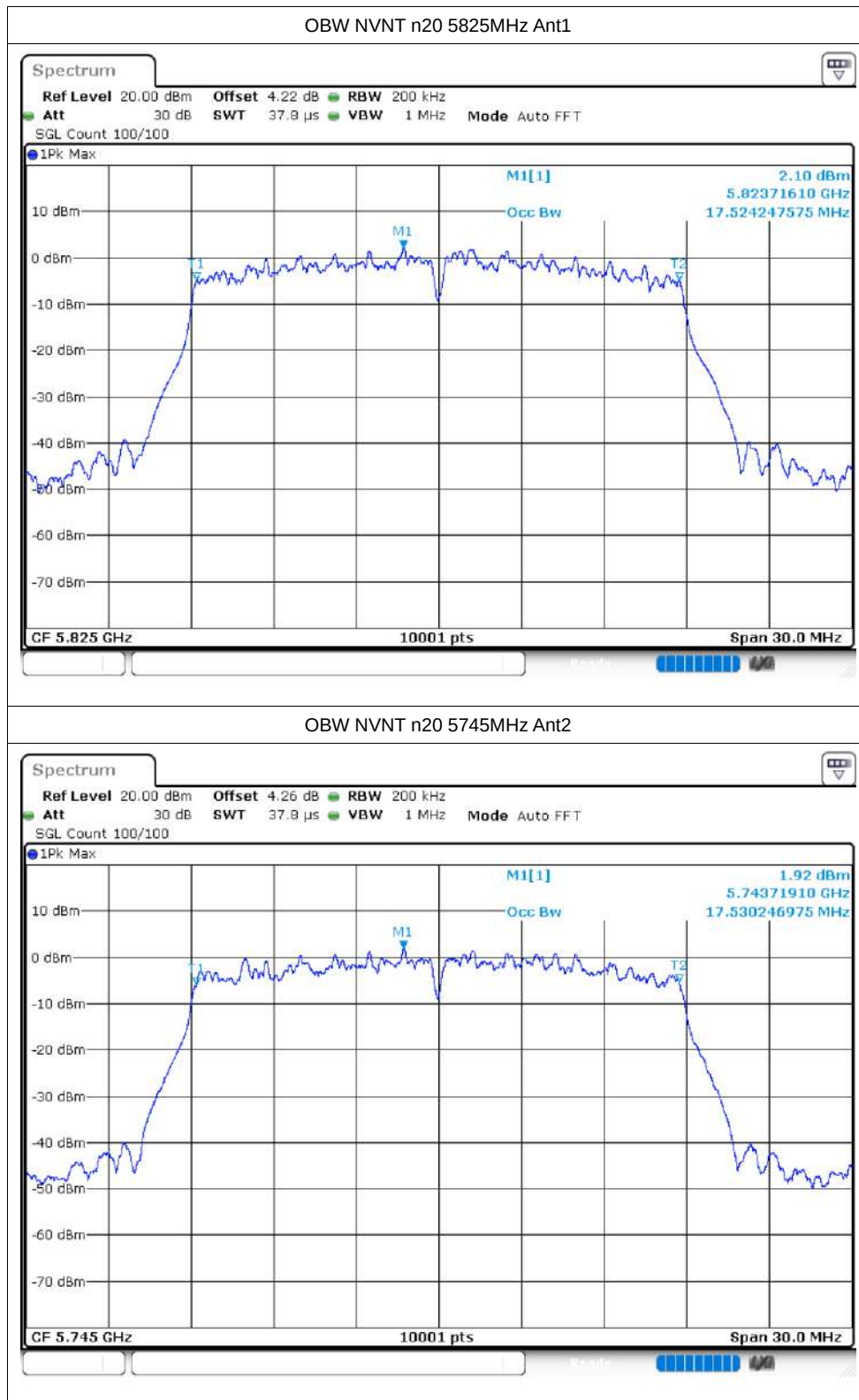


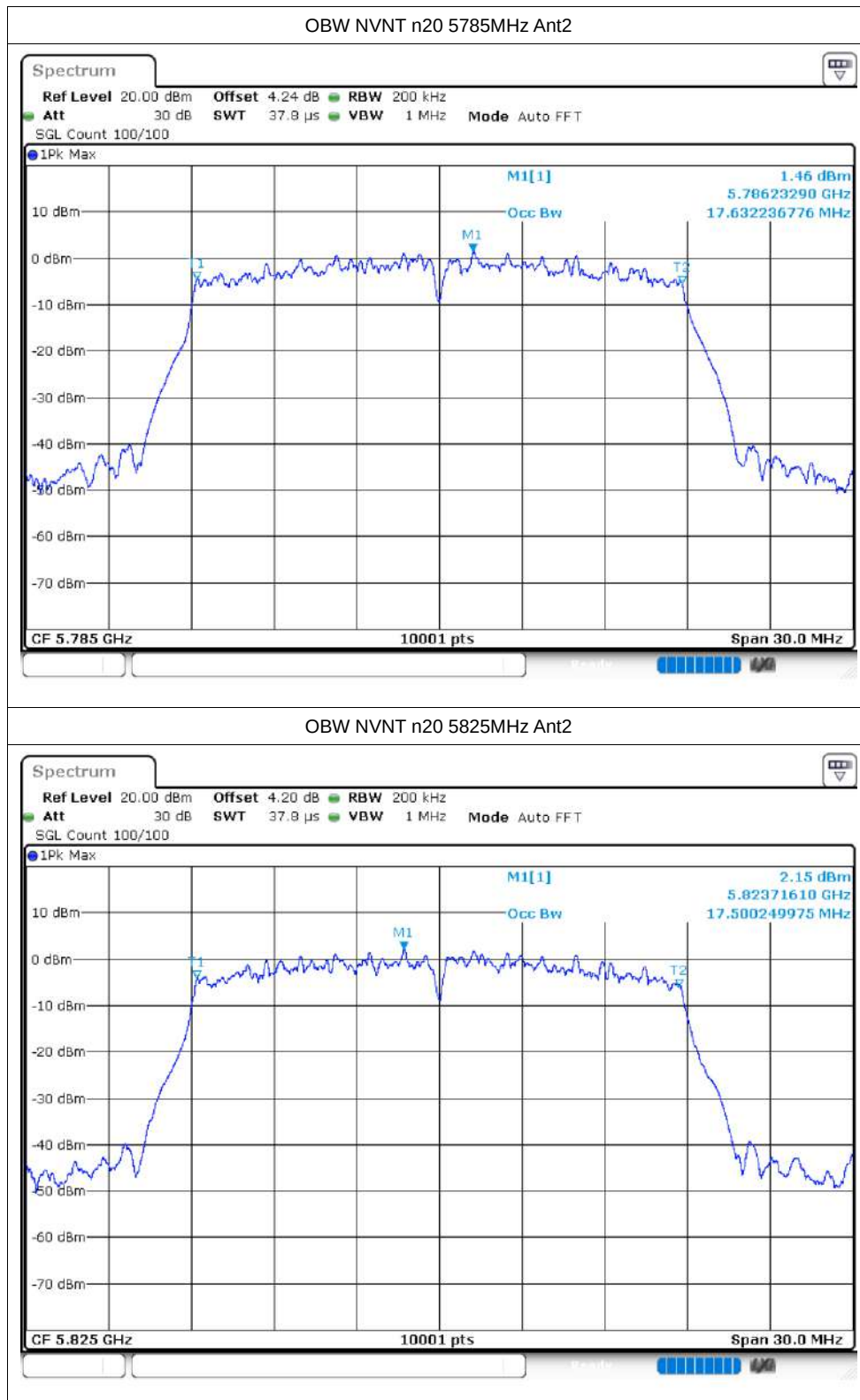
OBW NVNT n20 5745MHz Ant1

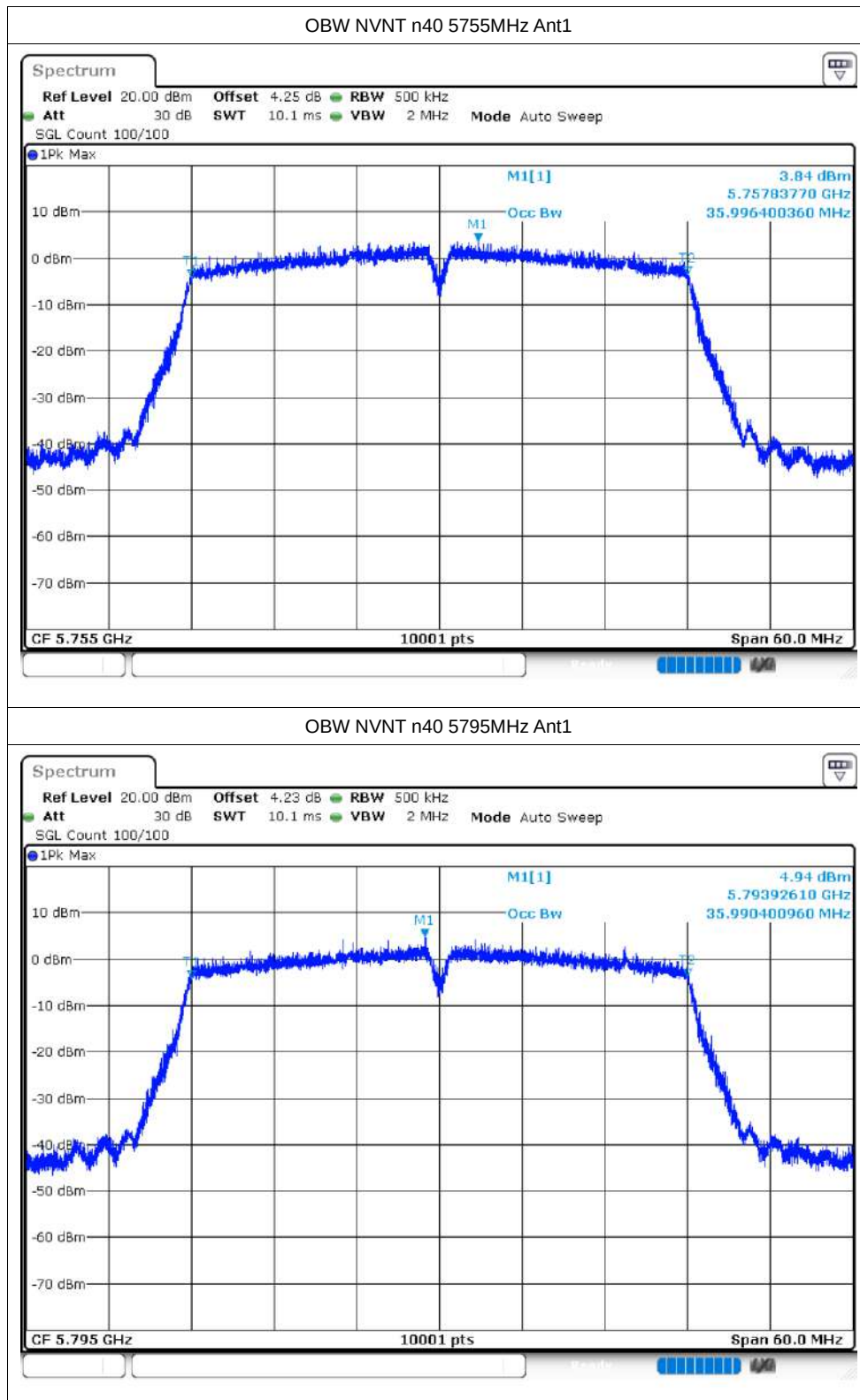


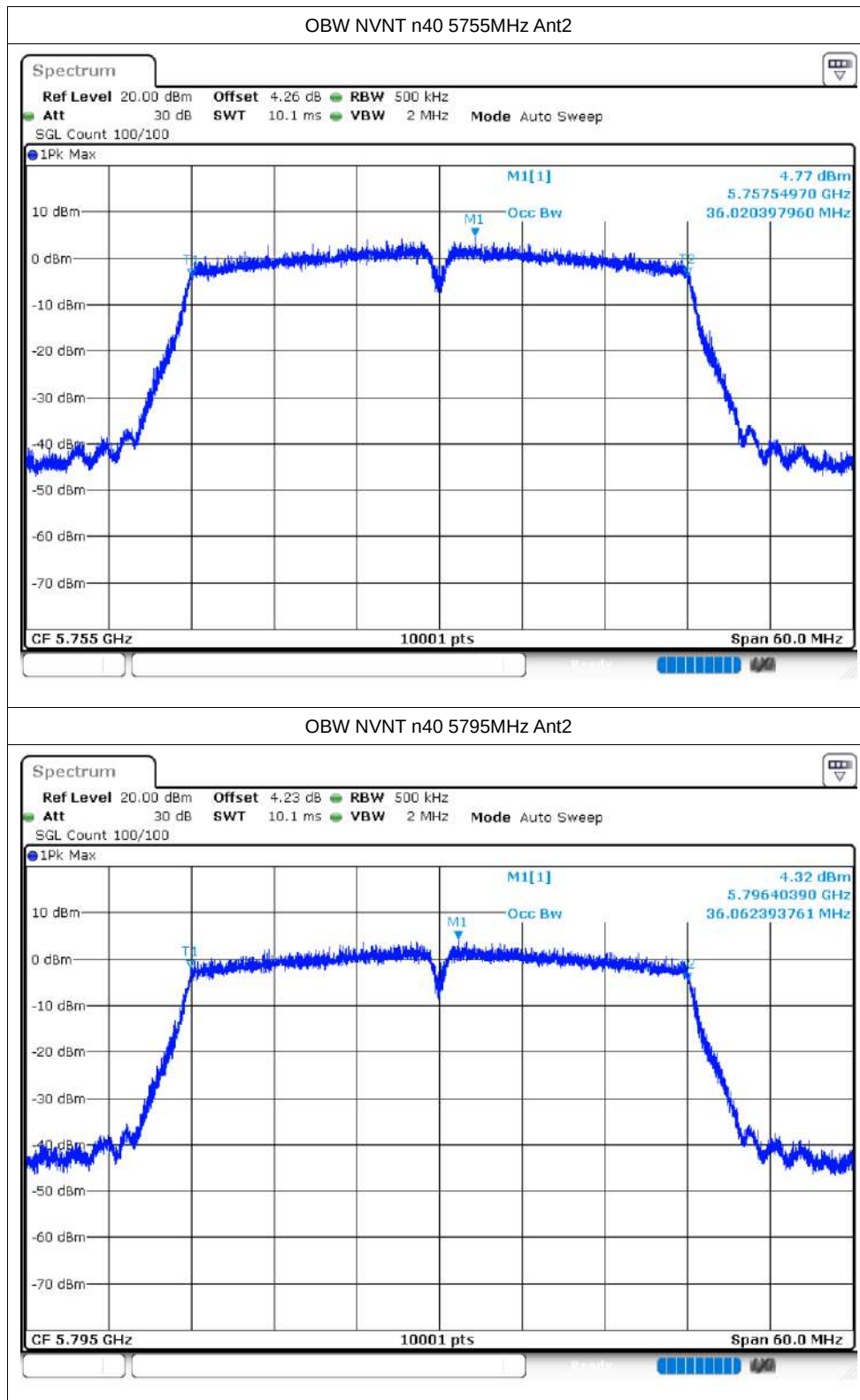
OBW NVNT n20 5785MHz Ant1



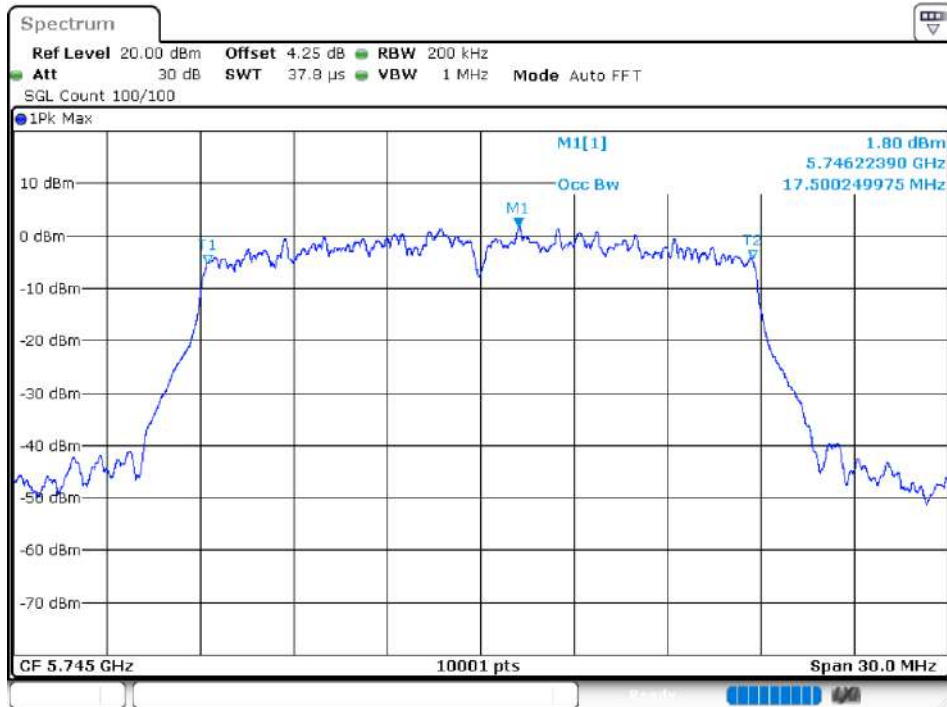




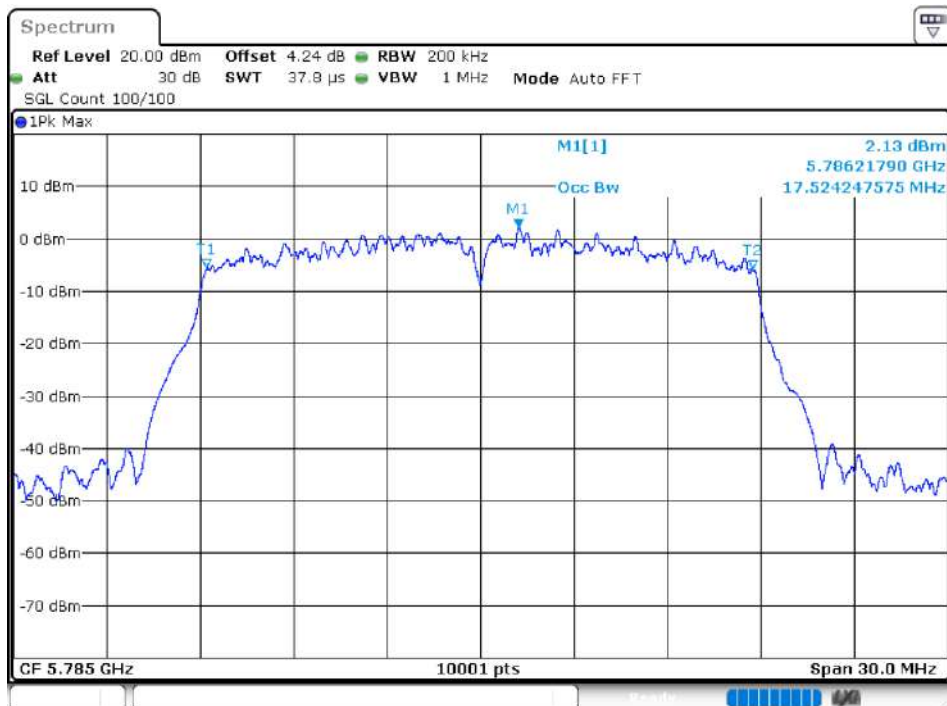


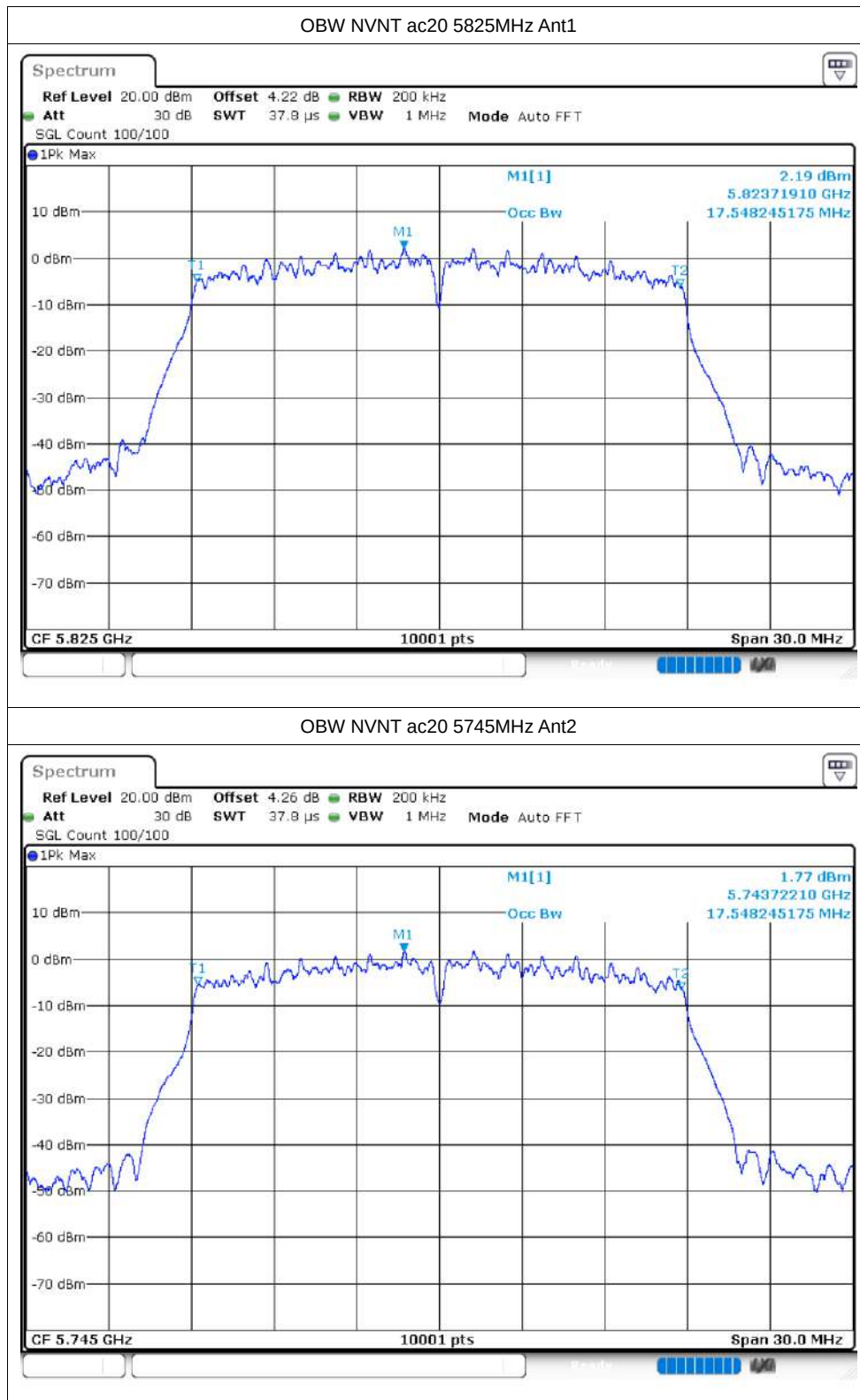


OBW NVNT ac20 5745MHz Ant1

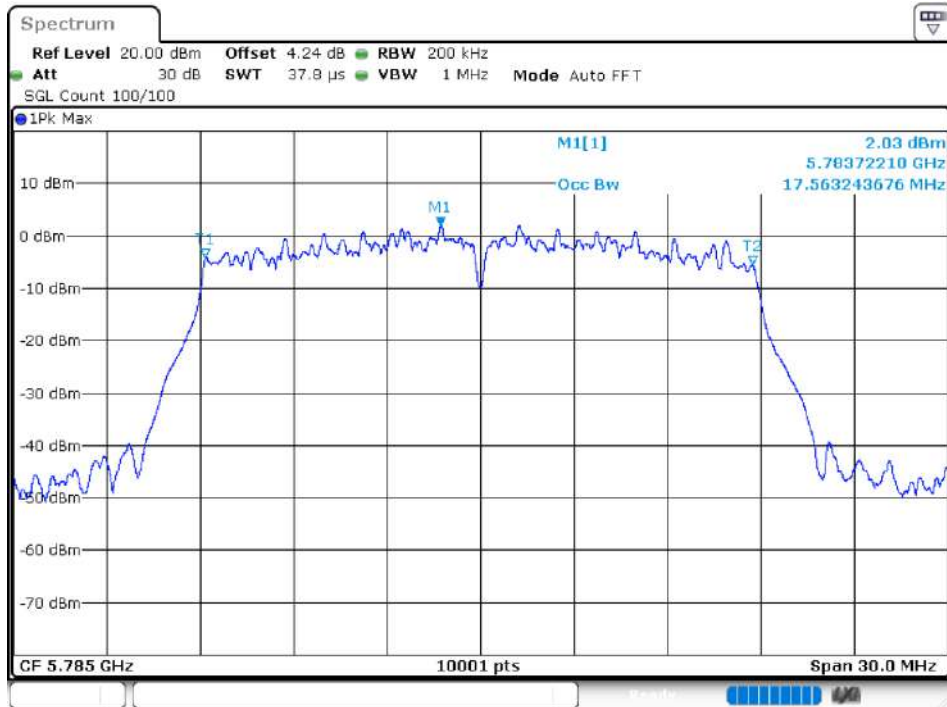


OBW NVNT ac20 5785MHz Ant1

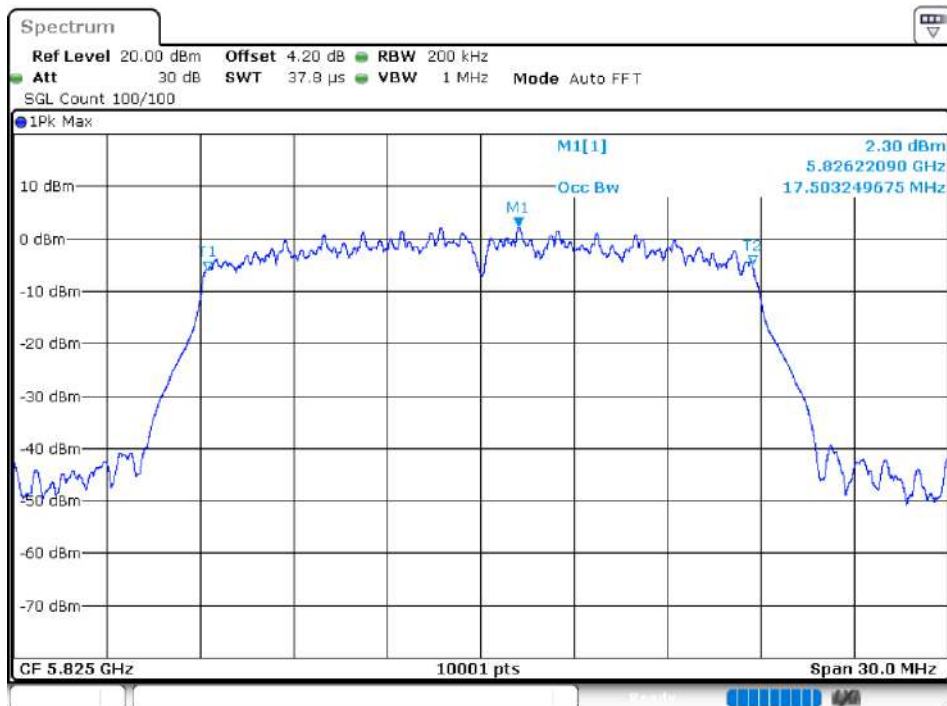




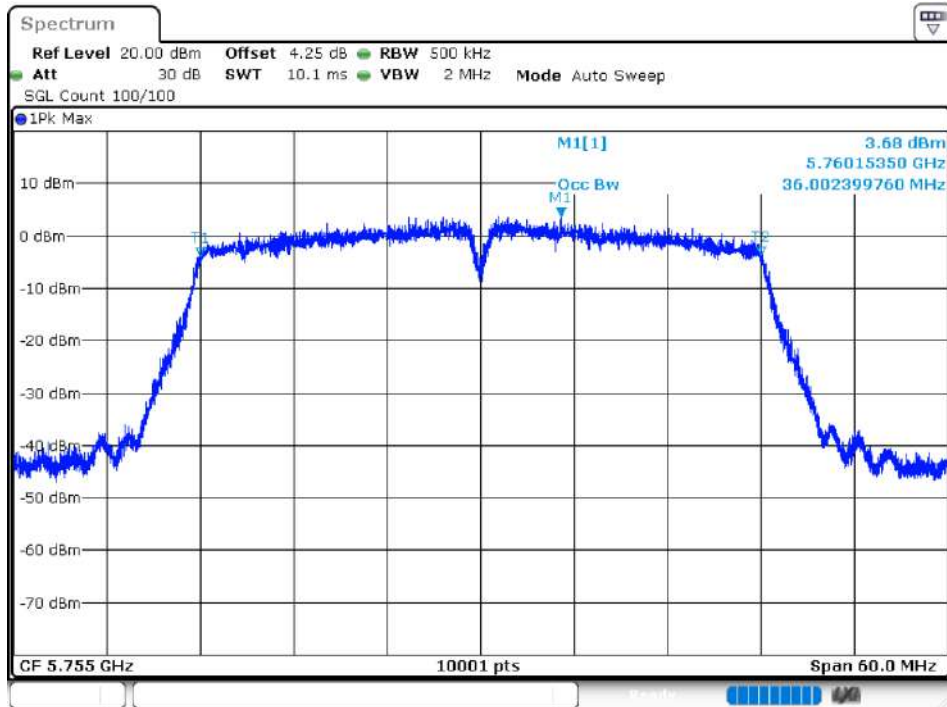
OBW NVNT ac20 5785MHz Ant2



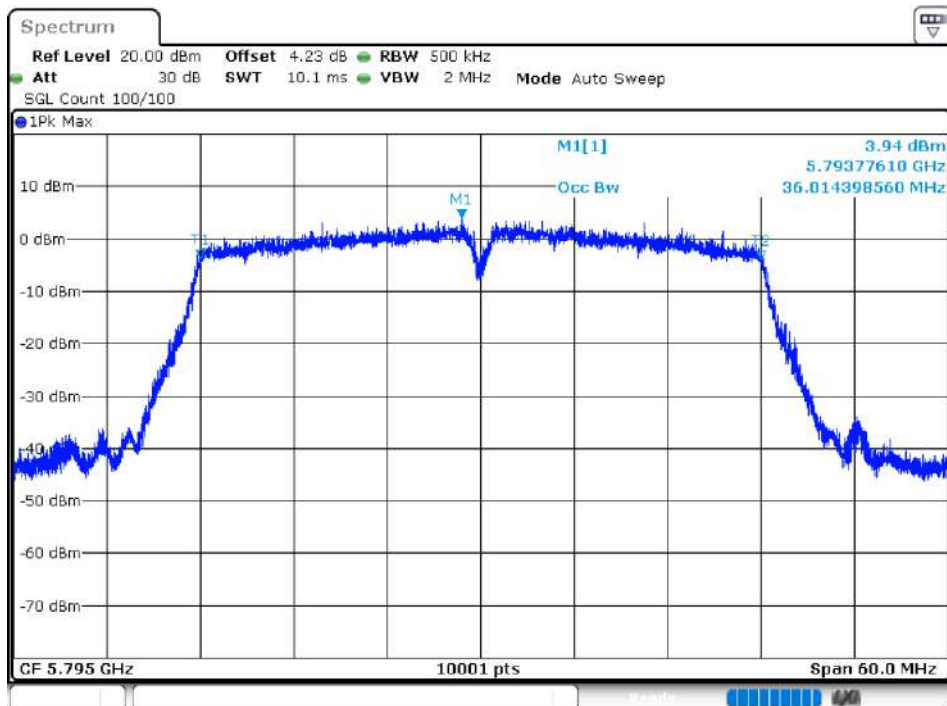
OBW NVNT ac20 5825MHz Ant2

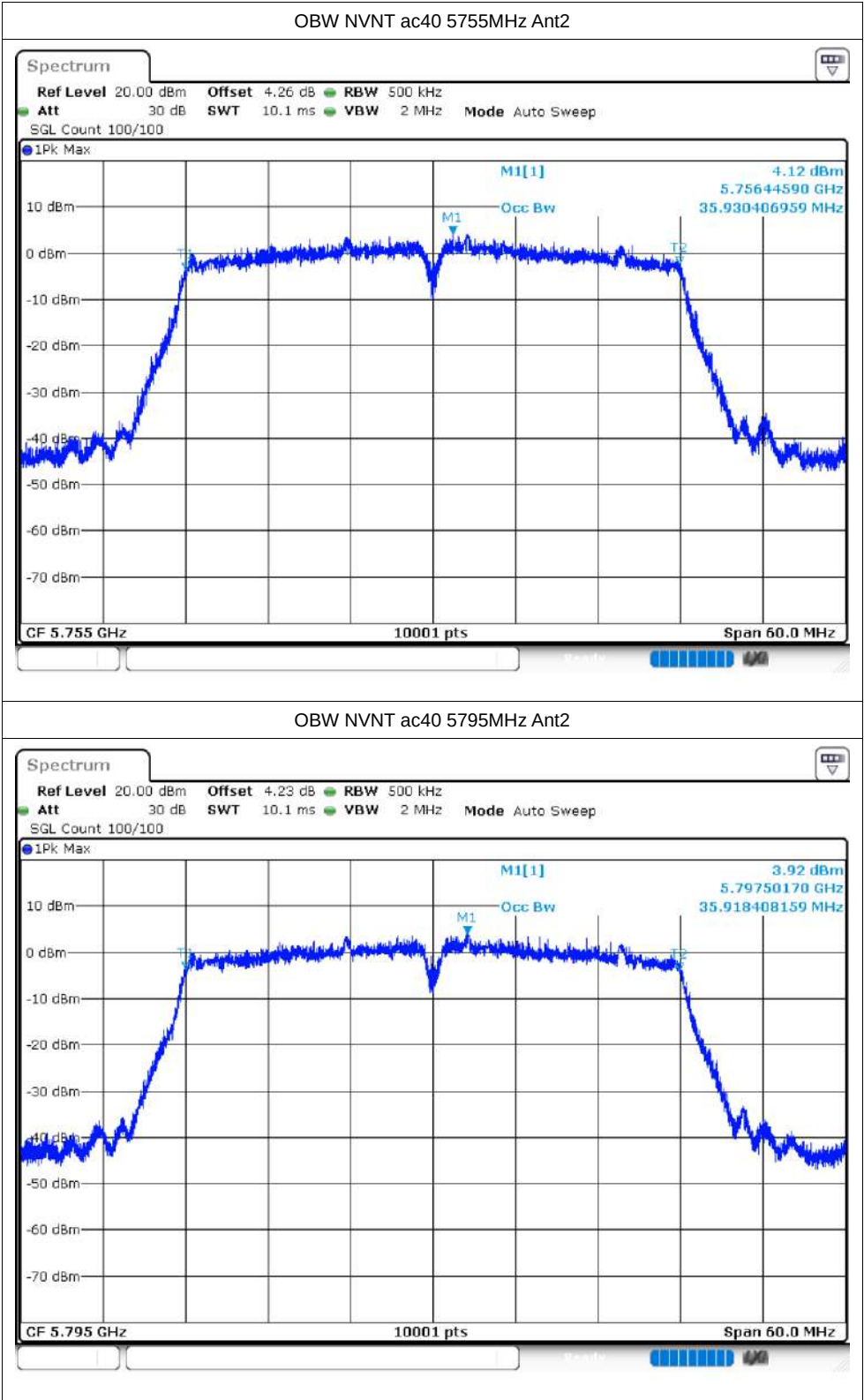


OBW NVNT ac40 5755MHz Ant1

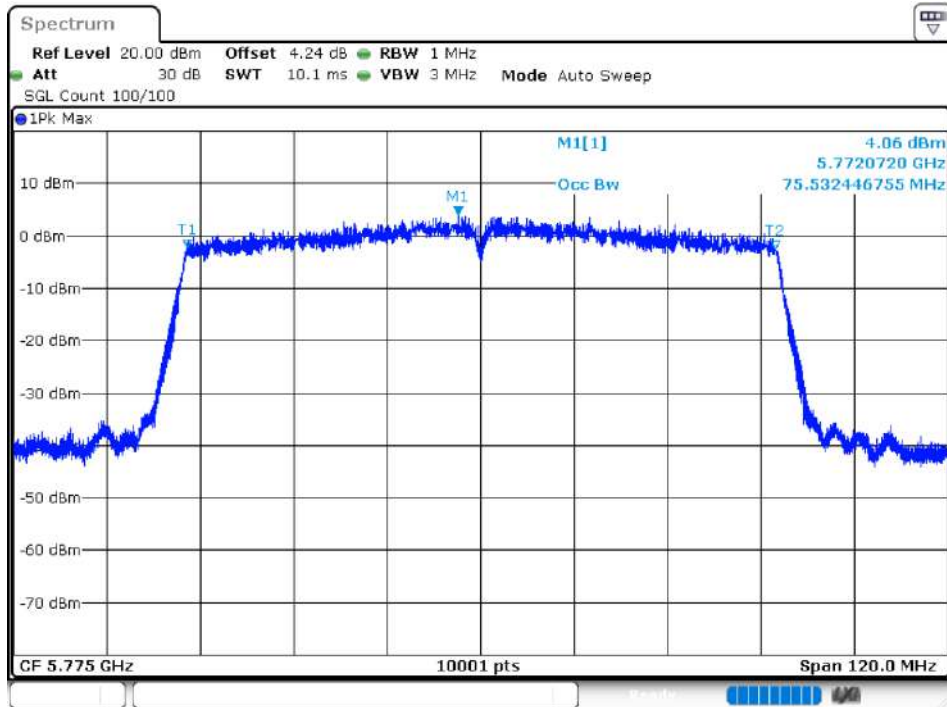


OBW NVNT ac40 5795MHz Ant1

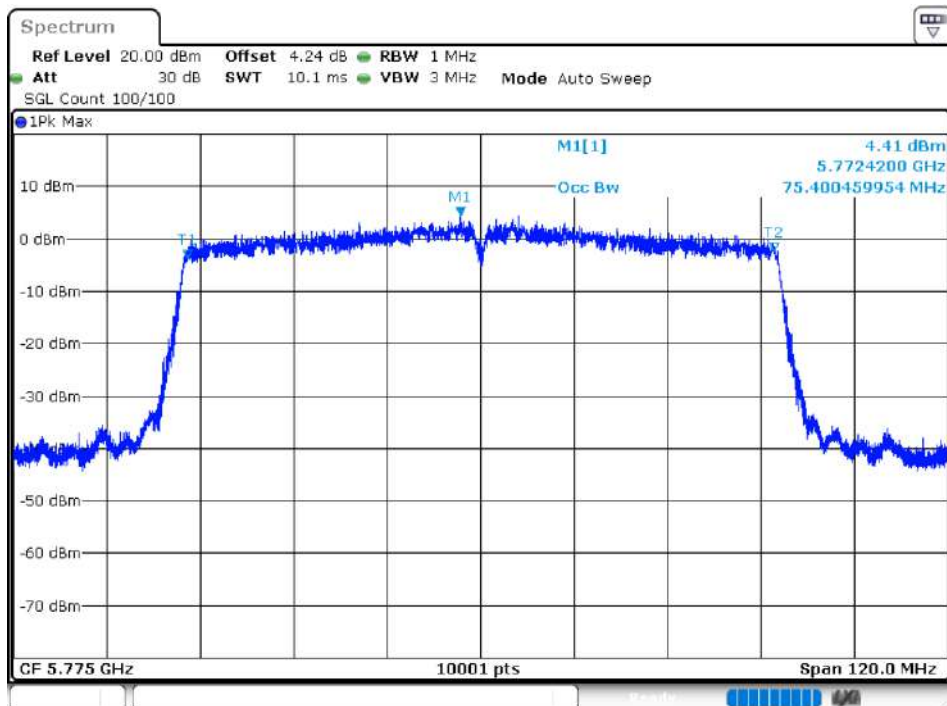




OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2

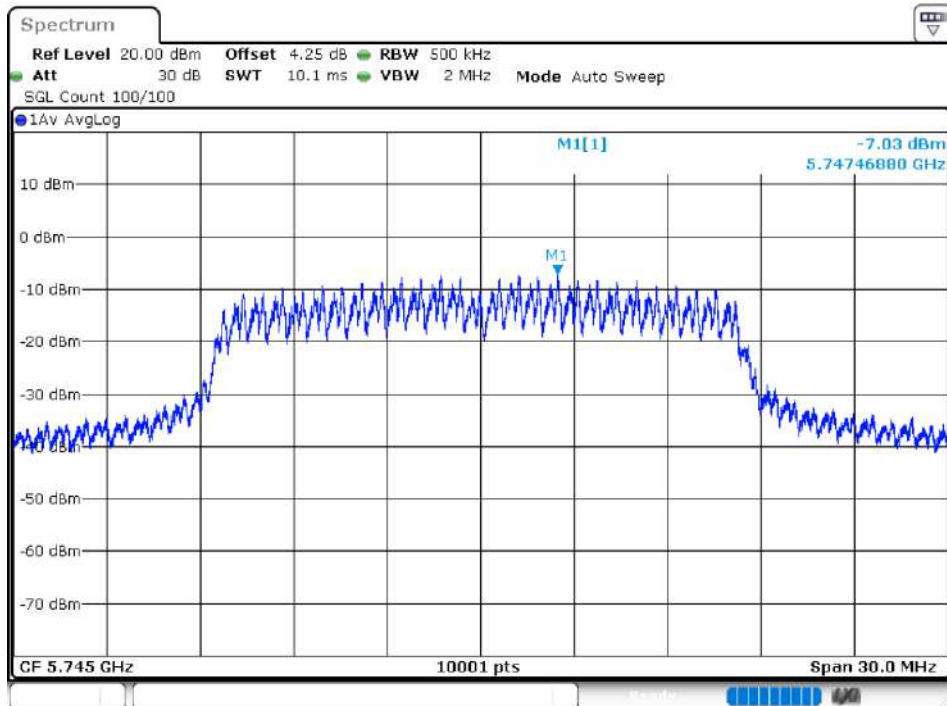


Maximum Power Spectral Density Level

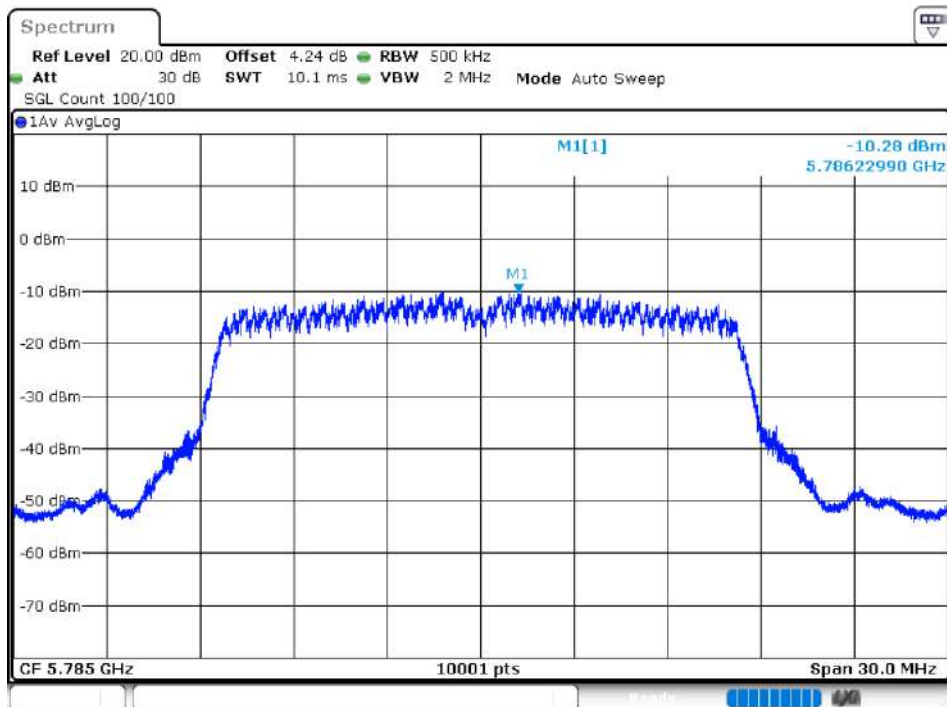
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.03	0.74	-6.29	30	Pass
NVNT	a	5785	Ant1	-10.28	0.75	-9.53	30	Pass
NVNT	a	5825	Ant1	-8.34	0.16	-8.18	30	Pass
NVNT	a	5745	Ant2	-7.67	0.69	-6.98	30	Pass
NVNT	a	5785	Ant2	-5.13	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

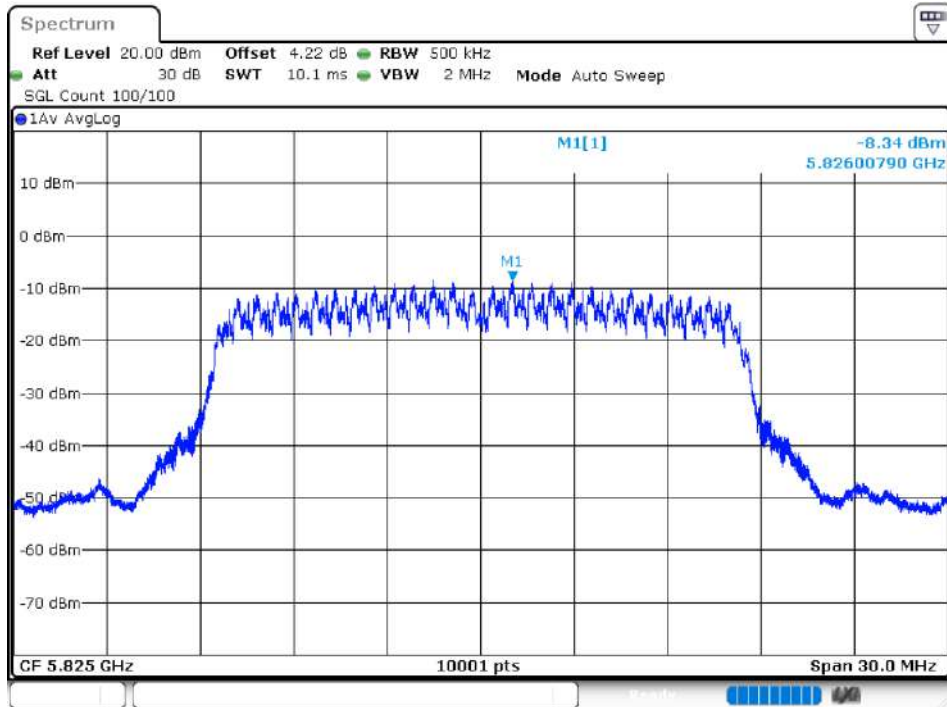
PSD NVNT a 5745MHz Ant1



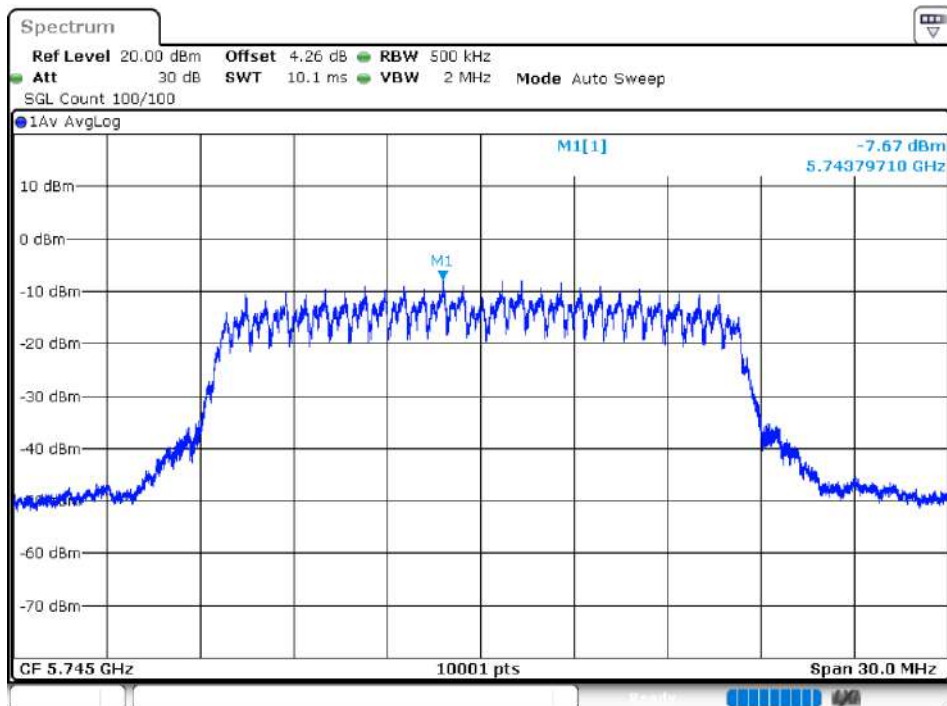
PSD NVNT a 5785MHz Ant1



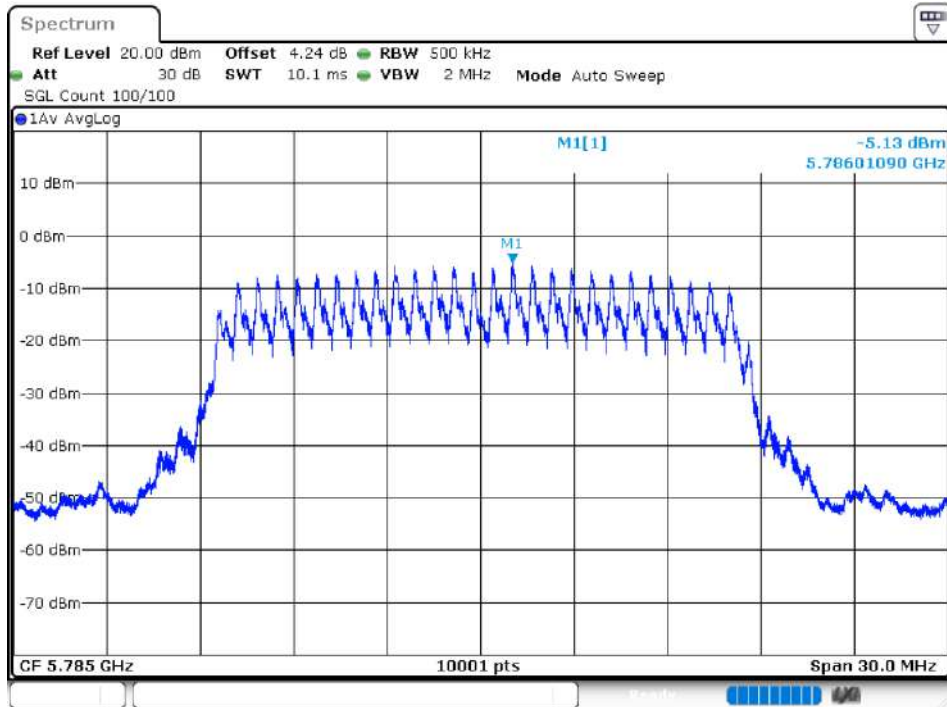
PSD NVNT a 5825MHz Ant1



PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant2



PSD NVNT a 5825MHz Ant2

