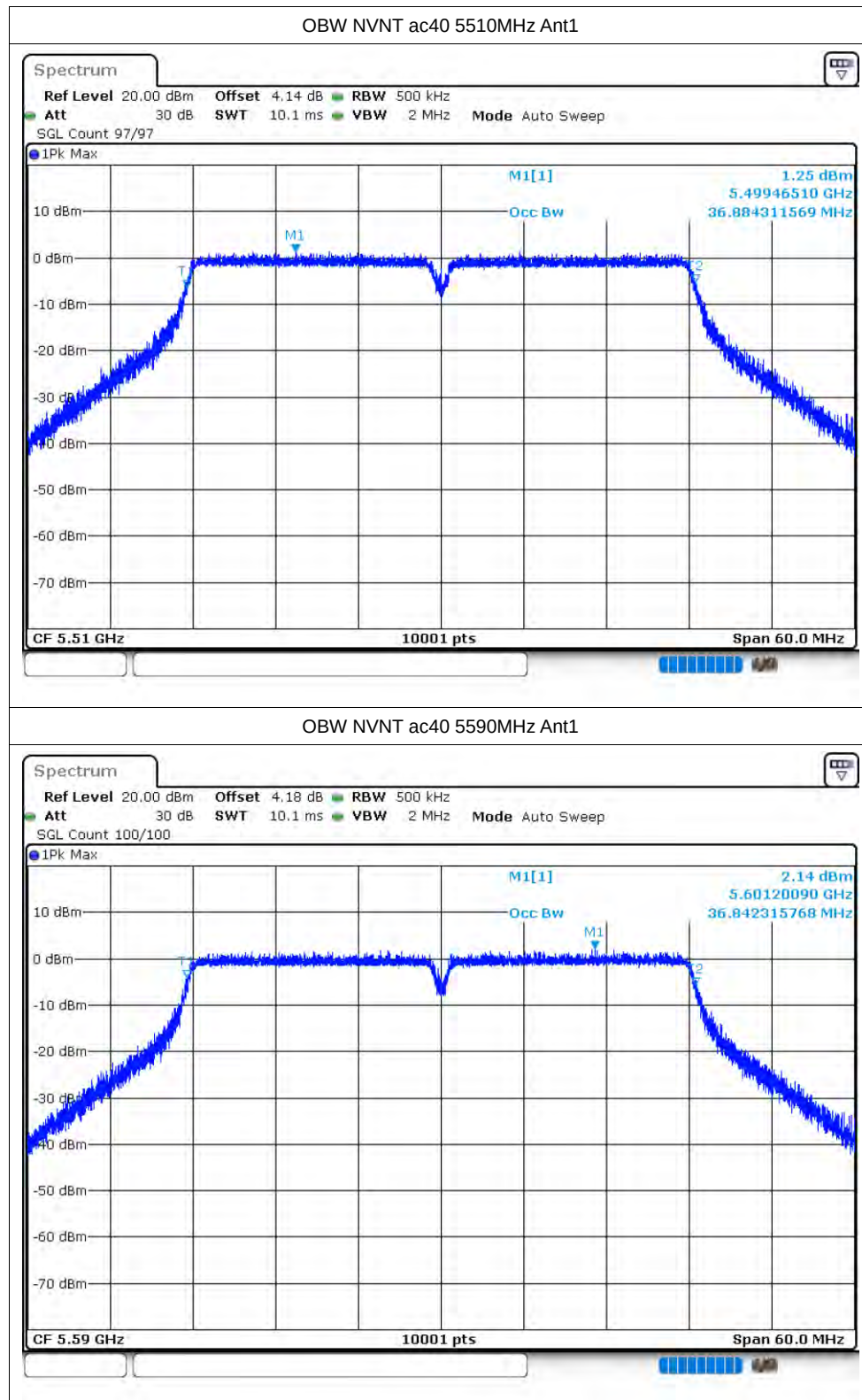
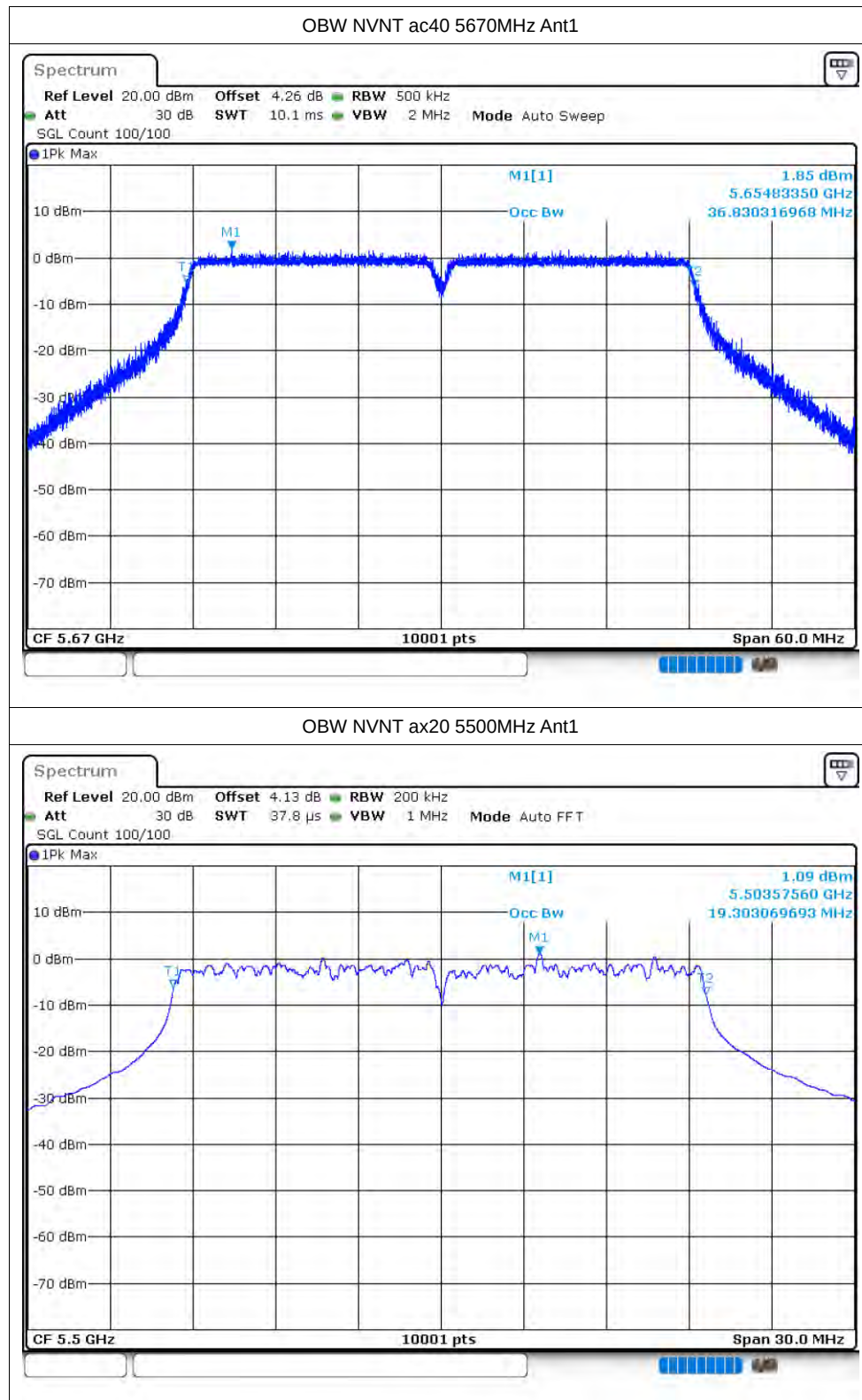
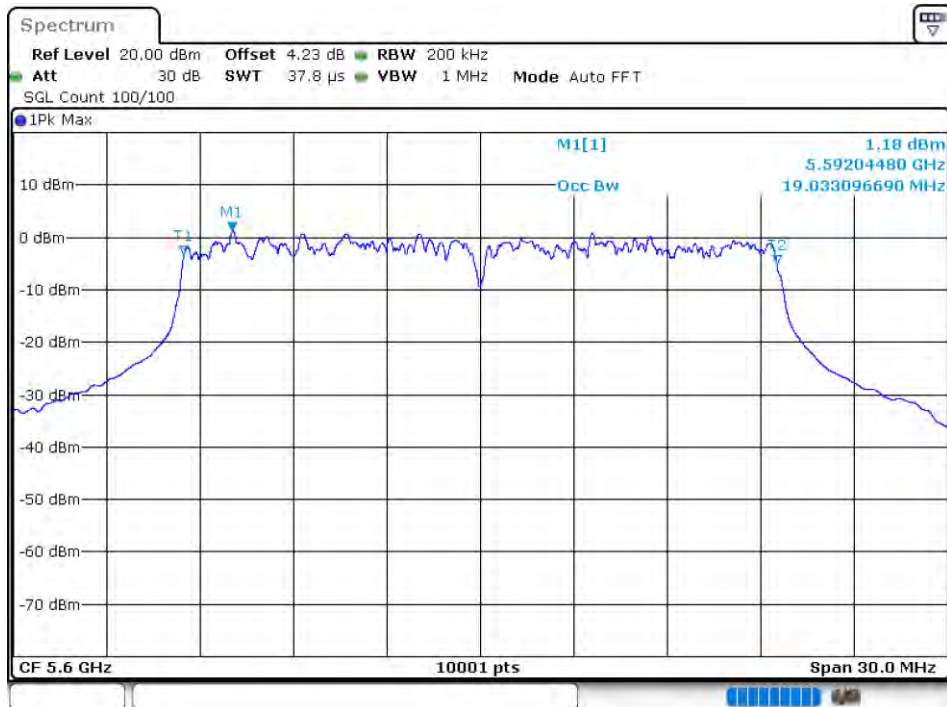


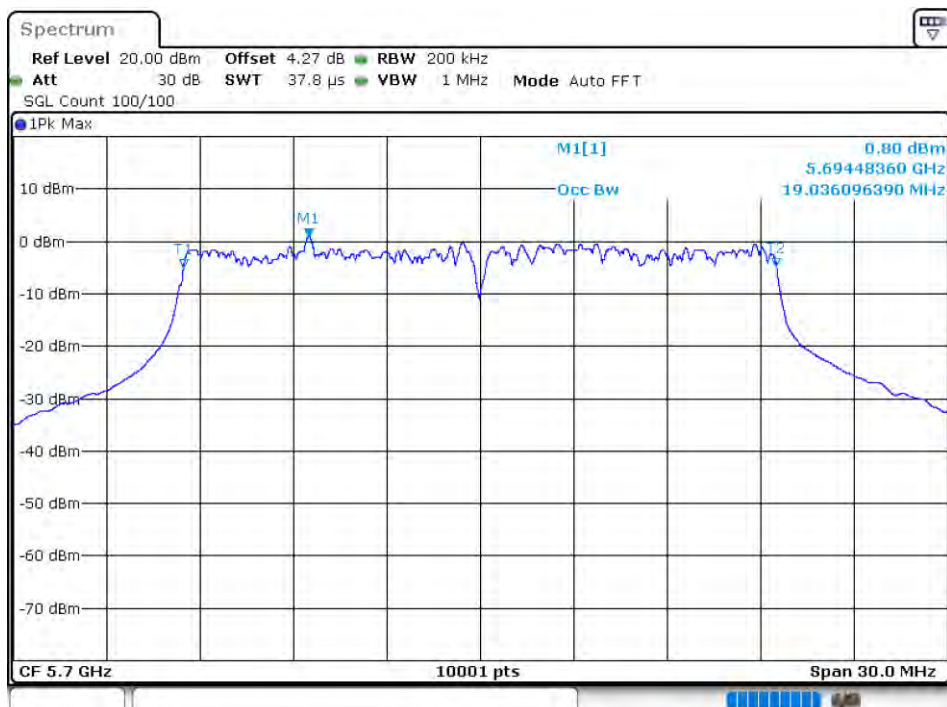


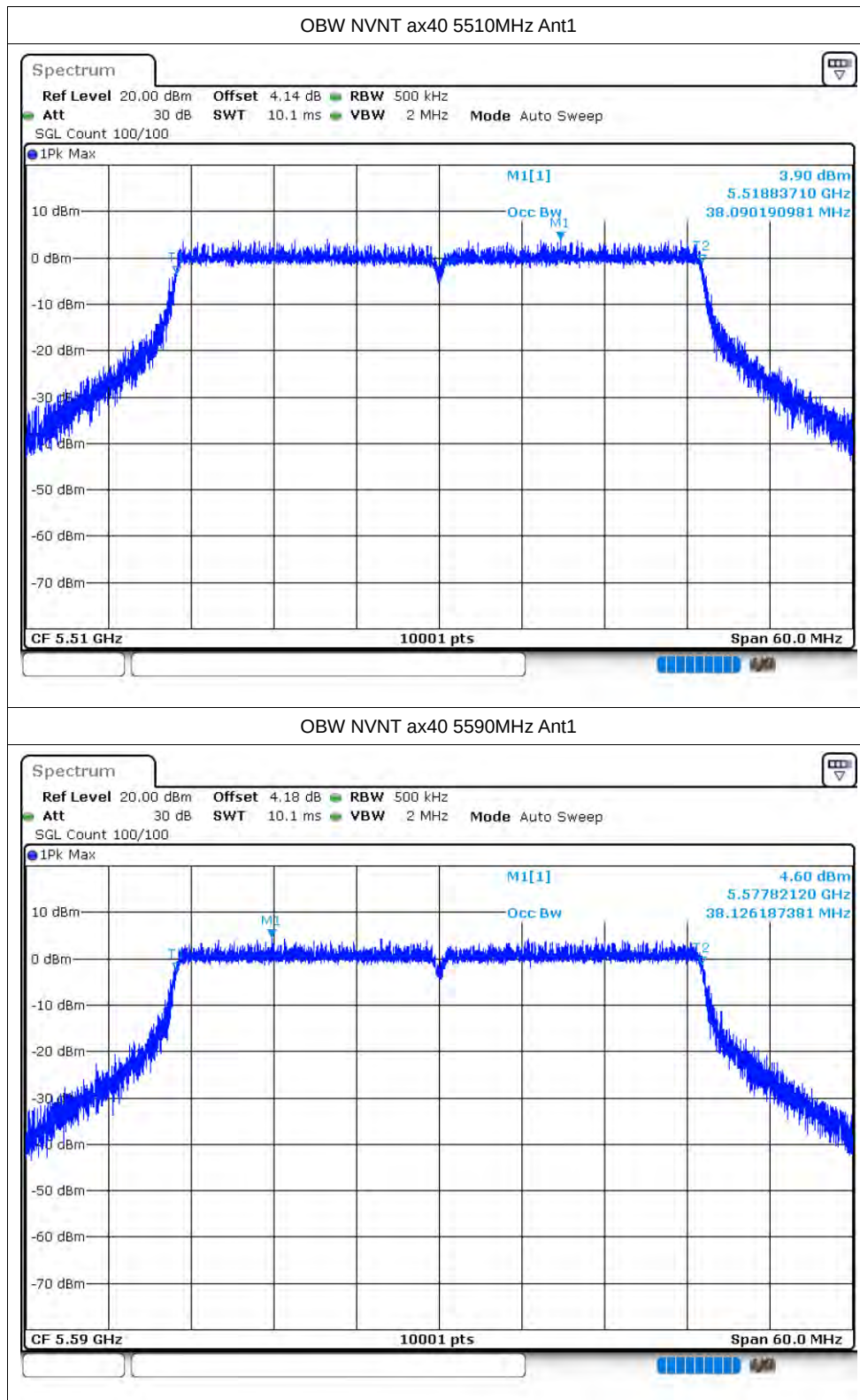


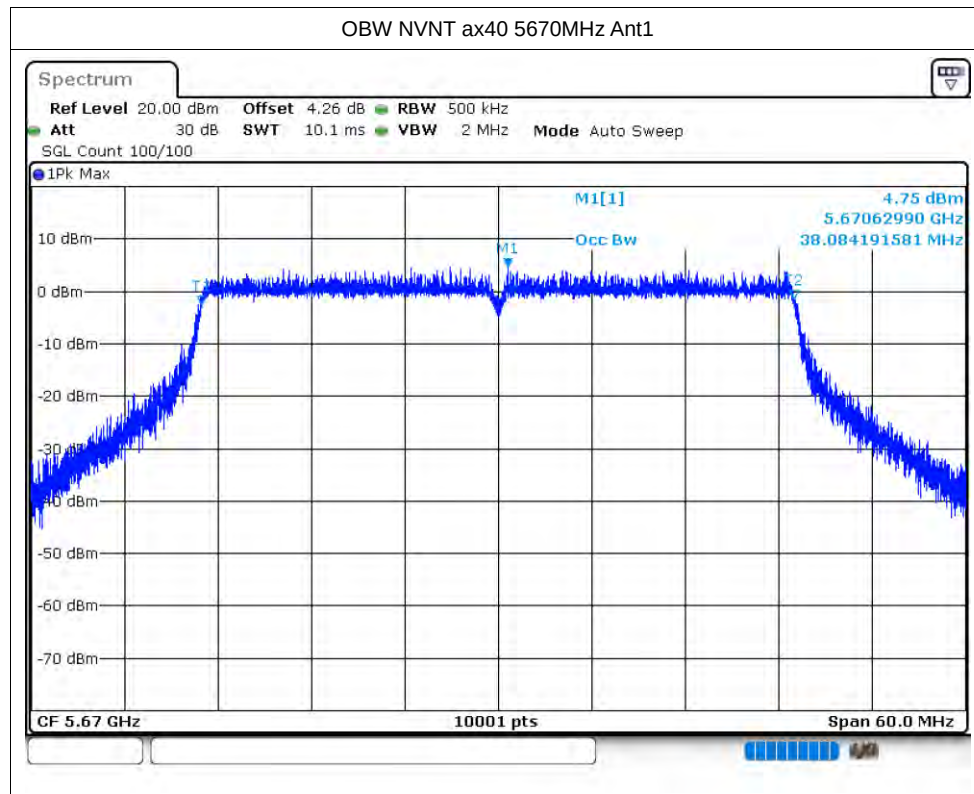
OBW NVNT ax20 5600MHz Ant1



OBW NVNT ax20 5700MHz Ant1





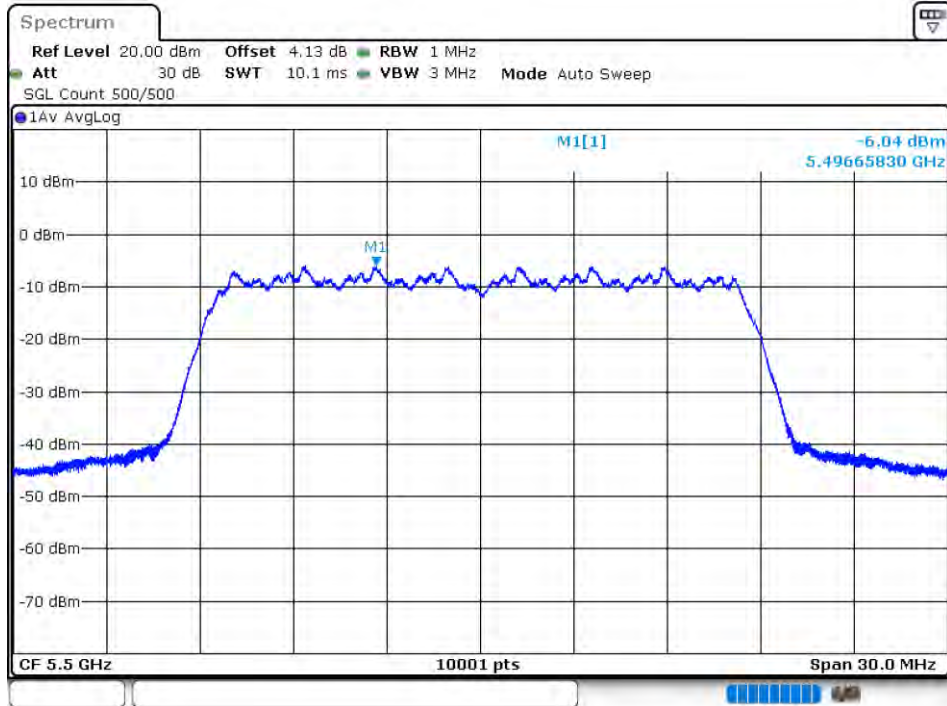


Maximum Power Spectral Density Level

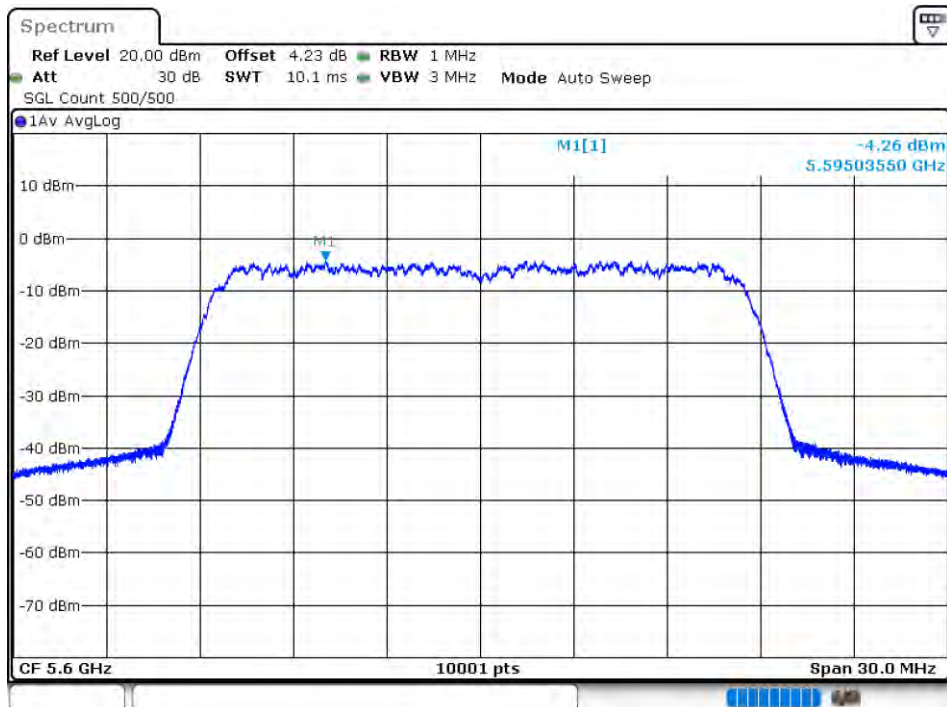
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-6.04	0.53	-5.51	11	Pass
NVNT	a	5600	Ant1	-4.26	0.53	-3.73	11	Pass
NVNT	a	5700	Ant1	-3.31	0.53	-2.78	11	Pass
NVNT	n20	5500	Ant1	-2.88	0.09	-2.79	11	Pass
NVNT	n20	5600	Ant1	-4.58	0.09	-4.49	11	Pass
NVNT	n20	5700	Ant1	-6.58	0.09	-6.49	11	Pass
NVNT	n40	5510	Ant1	-5.47	0.02	-5.45	11	Pass
NVNT	n40	5590	Ant1	-5.03	0.08	-4.95	11	Pass
NVNT	n40	5670	Ant1	-7.68	0.08	-7.6	11	Pass
NVNT	ac20	5500	Ant1	-11.83	0.09	-11.74	11	Pass
NVNT	ac20	5600	Ant1	-3.37	0.08	-3.29	11	Pass
NVNT	ac20	5700	Ant1	-3.68	0.43	-3.25	11	Pass
NVNT	ac40	5510	Ant1	-5.19	0.02	-5.17	11	Pass
NVNT	ac40	5590	Ant1	-4.84	0.02	-4.82	11	Pass
NVNT	ac40	5670	Ant1	-5.01	0.02	-4.99	11	Pass
NVNT	ax20	5500	Ant1	-3.23	0.1	-3.13	11	Pass
NVNT	ax20	5600	Ant1	-2.7	0.03	-2.67	11	Pass
NVNT	ax20	5700	Ant1	-3.05	0.03	-3.02	11	Pass
NVNT	ax40	5510	Ant1	-6.54	0.06	-6.48	11	Pass
NVNT	ax40	5590	Ant1	-6.3	0.06	-6.24	11	Pass
NVNT	ax40	5670	Ant1	-6.64	0.06	-6.58	11	Pass

Test Graphs

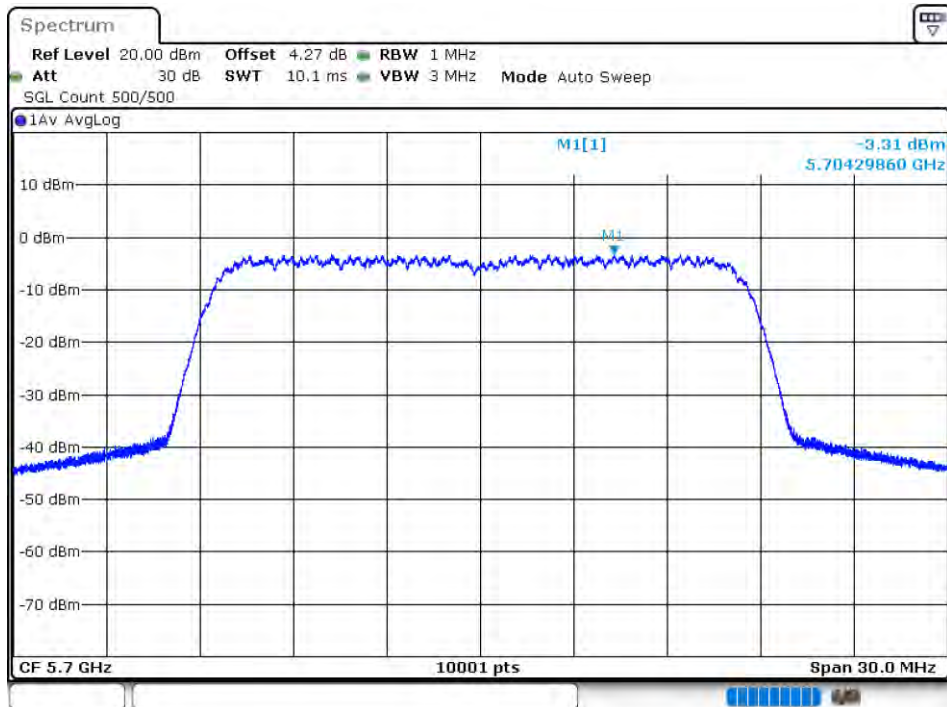
PSD NVNT a 5500MHz Ant1



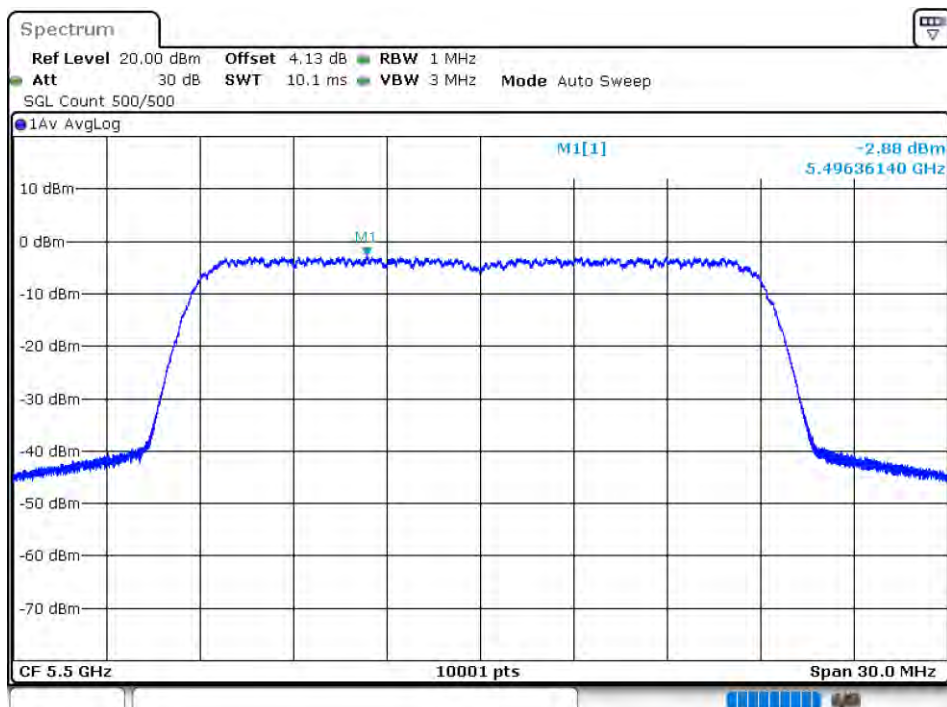
PSD NVNT a 5600MHz Ant1

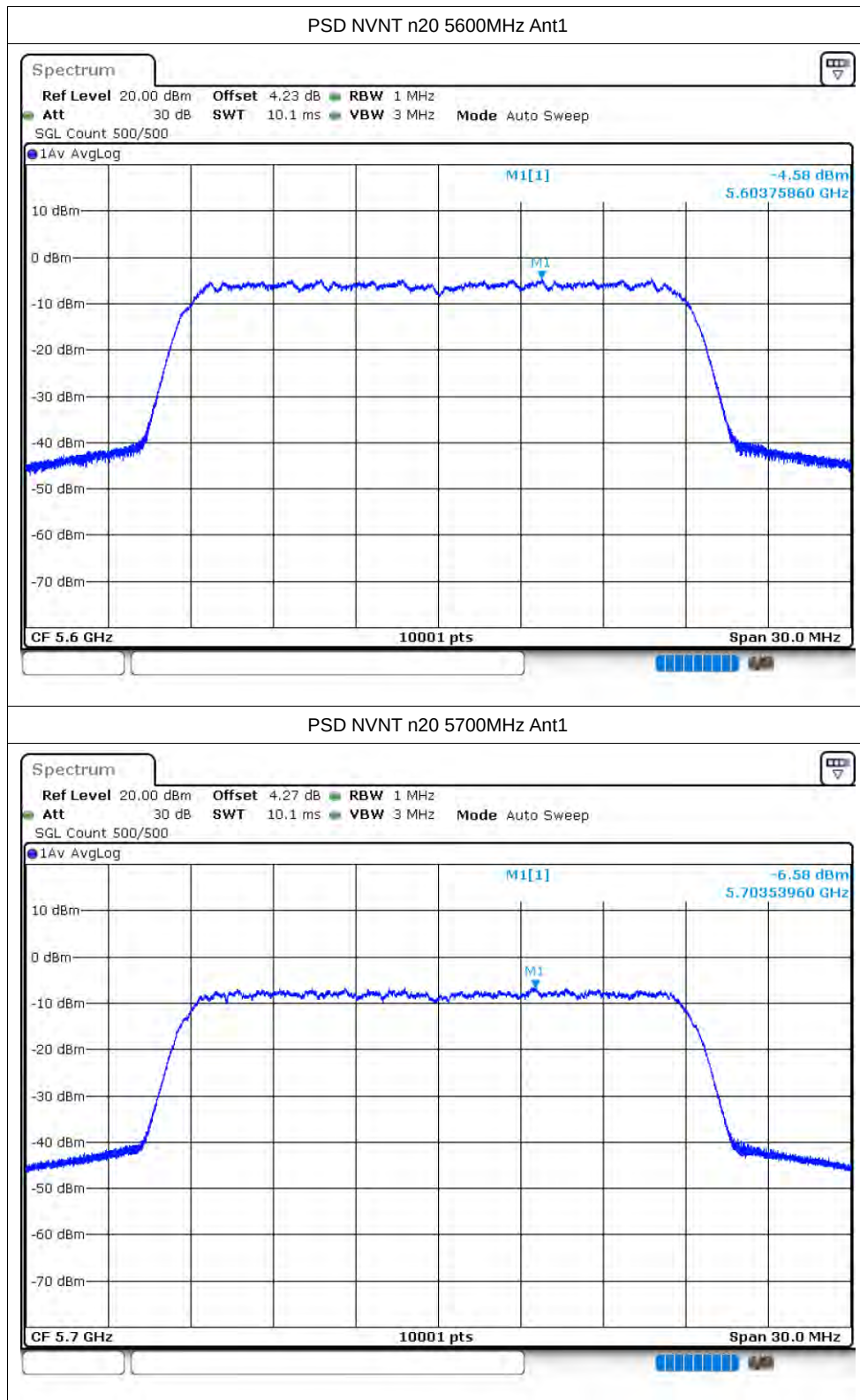


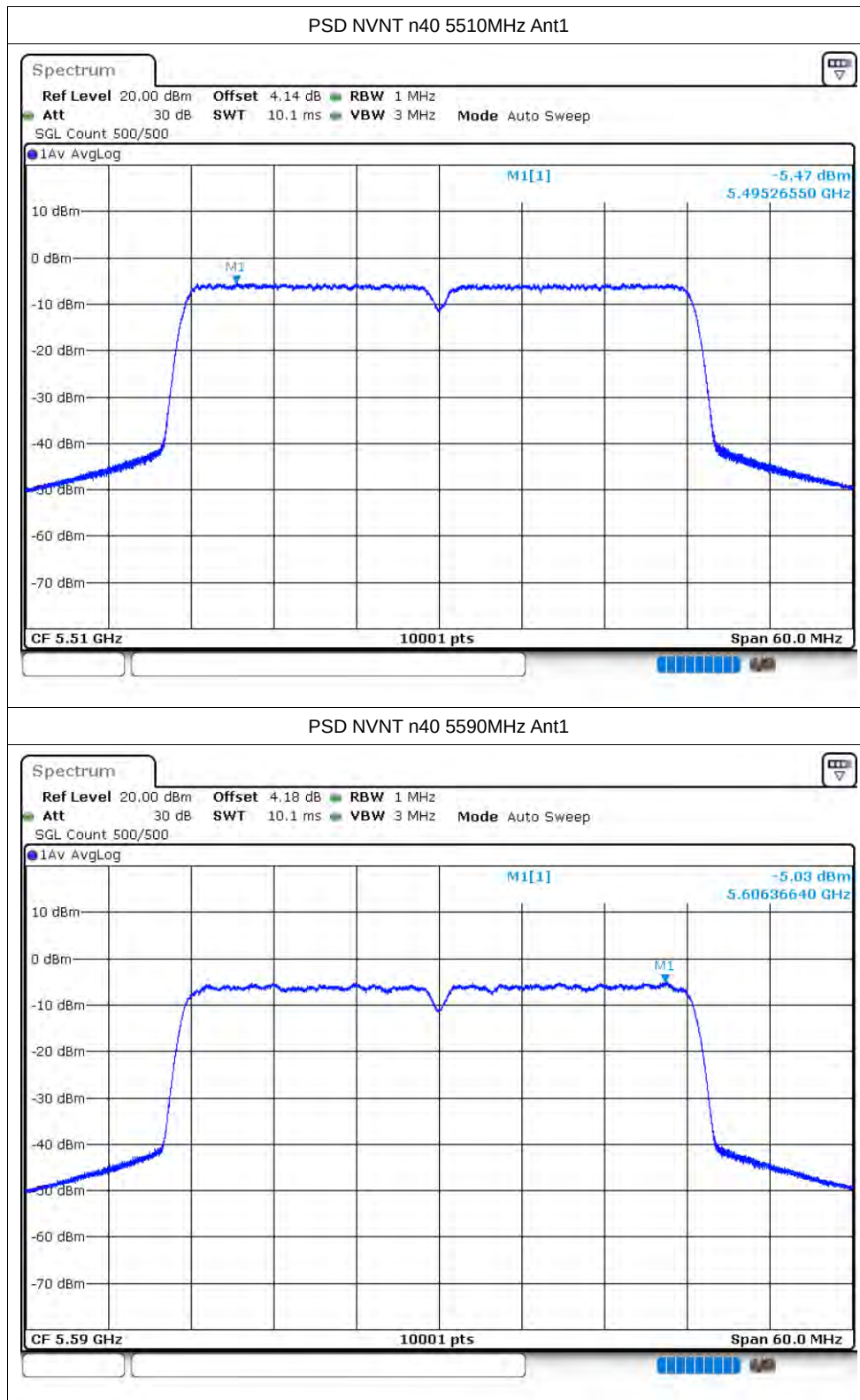
PSD NVNT a 5700MHz Ant1

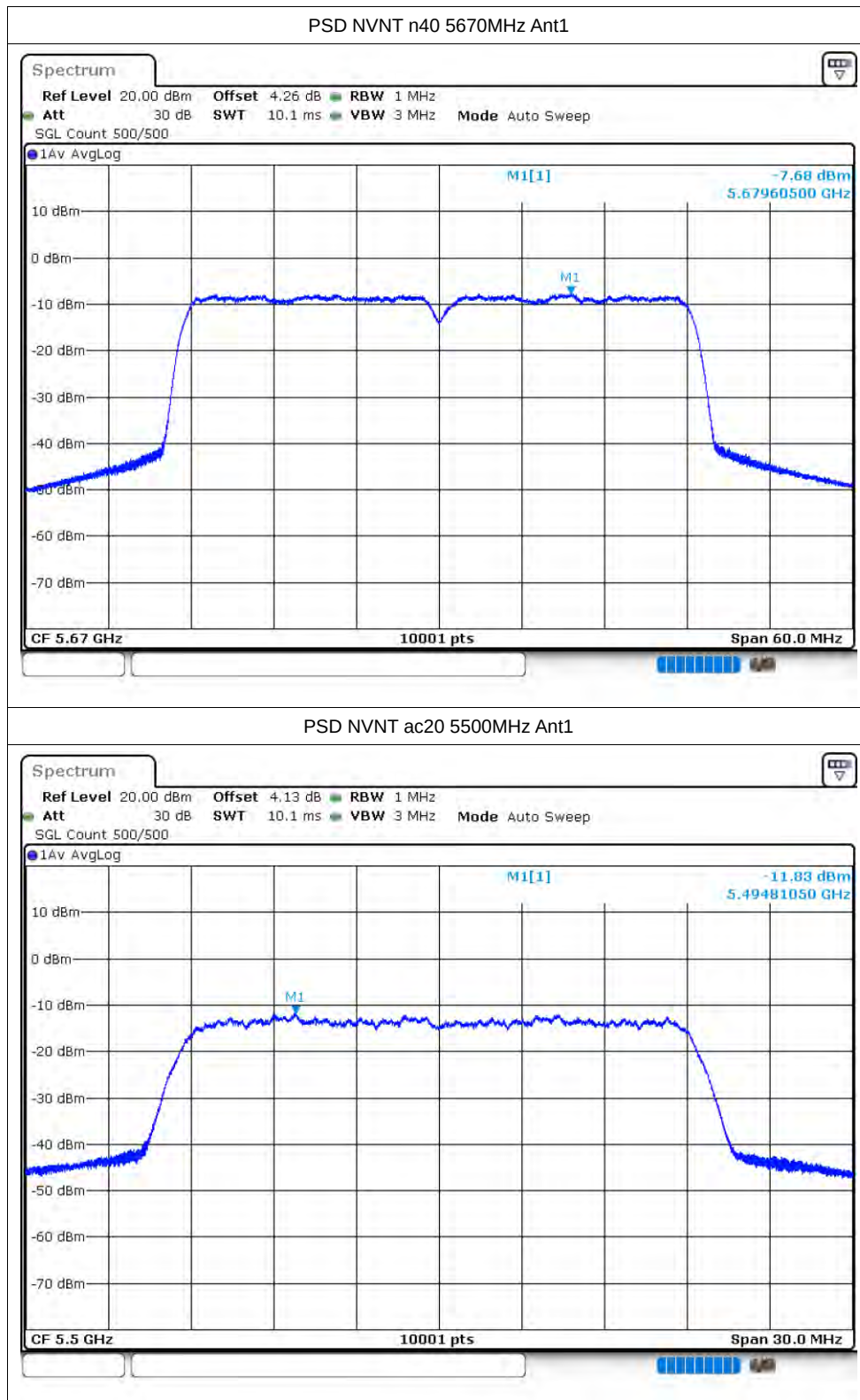


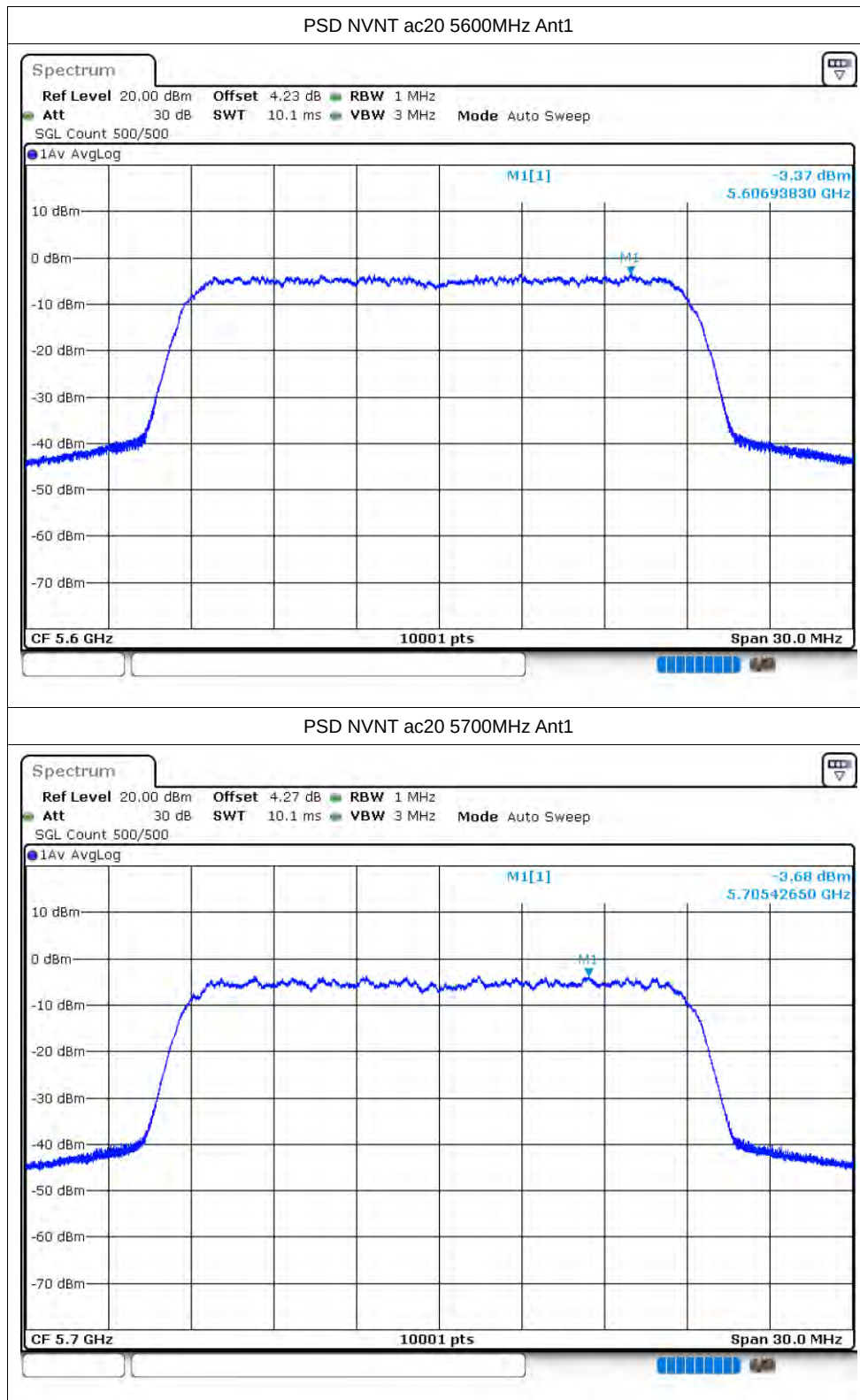
PSD NVNT n20 5500MHz Ant1

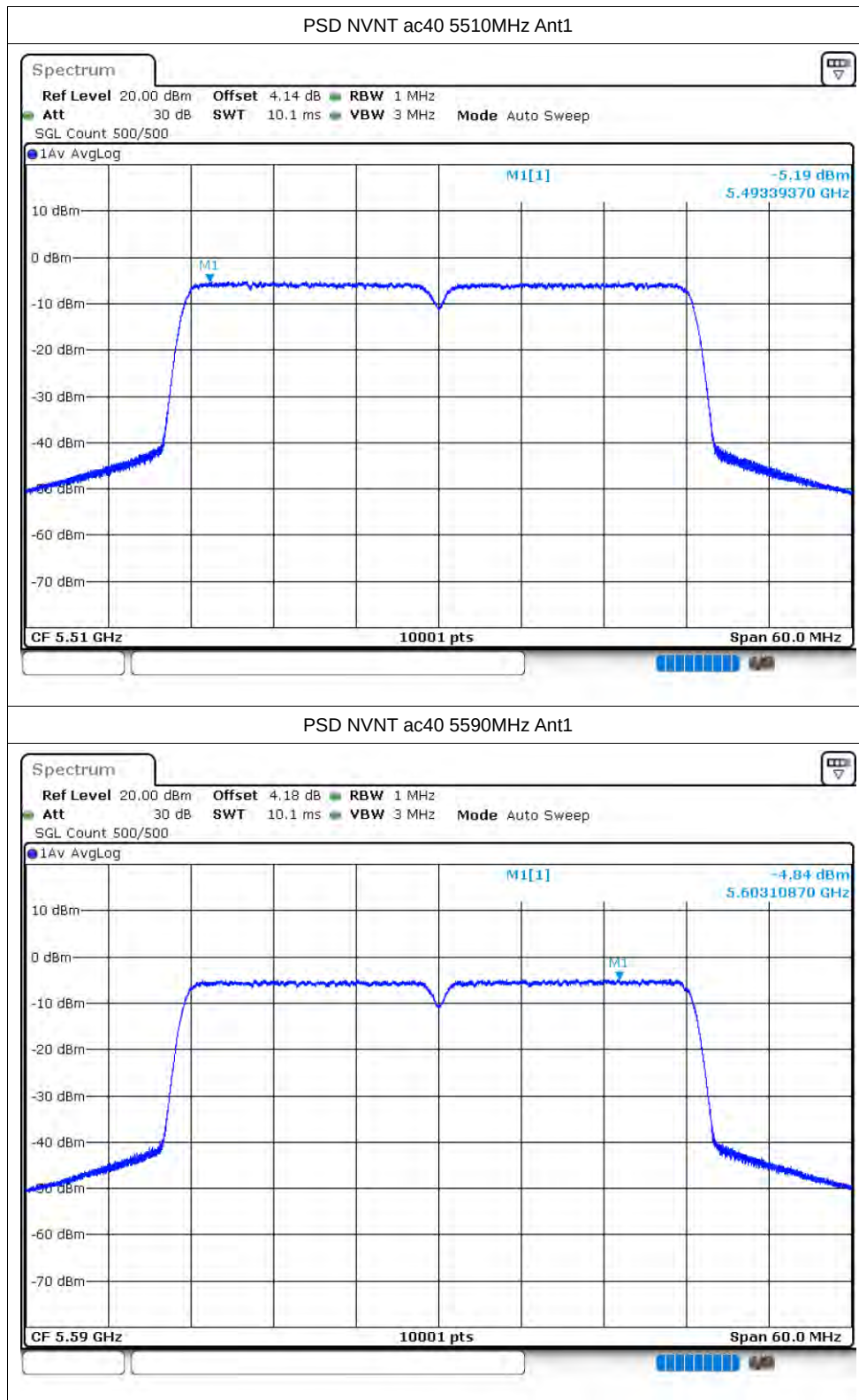


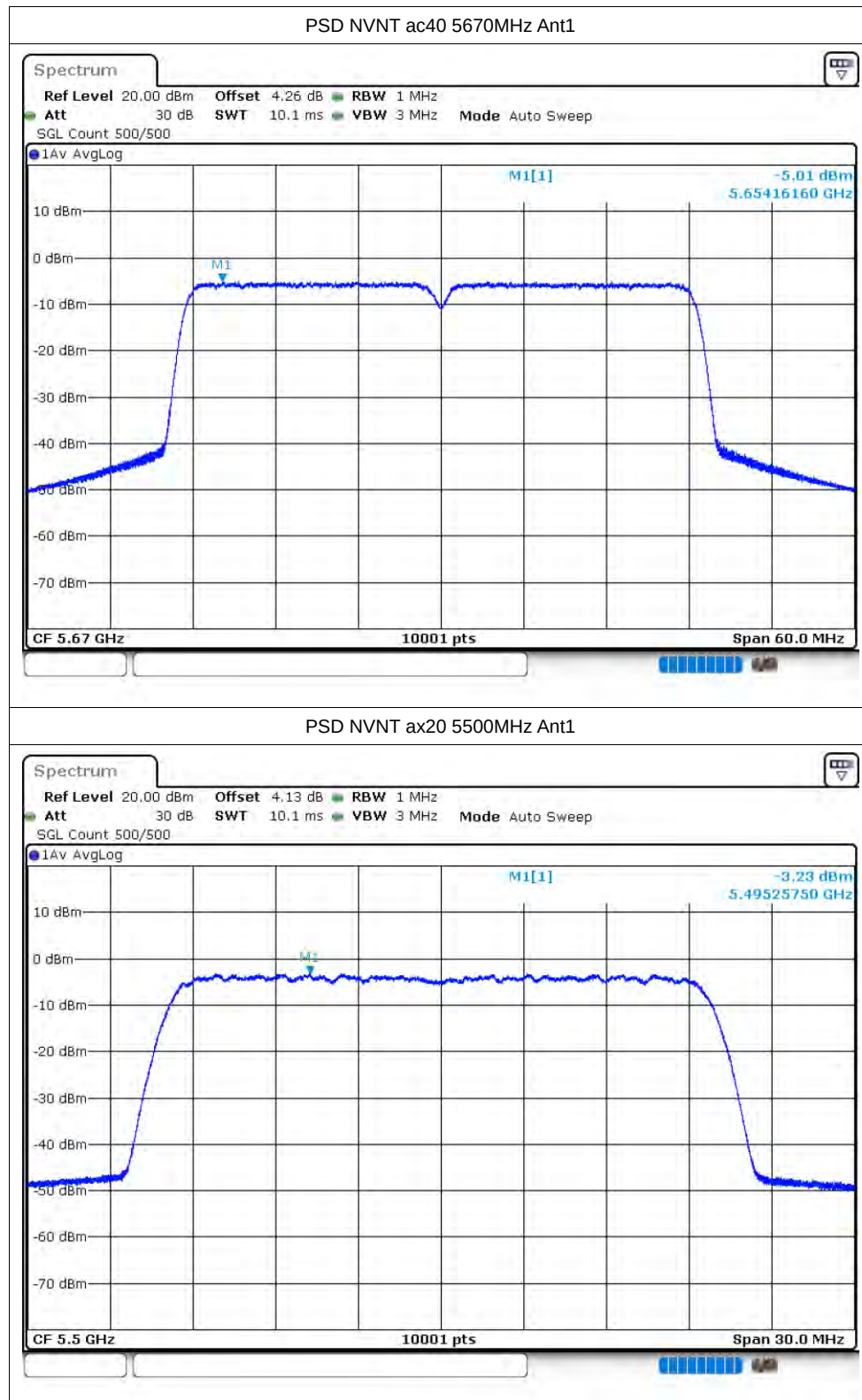


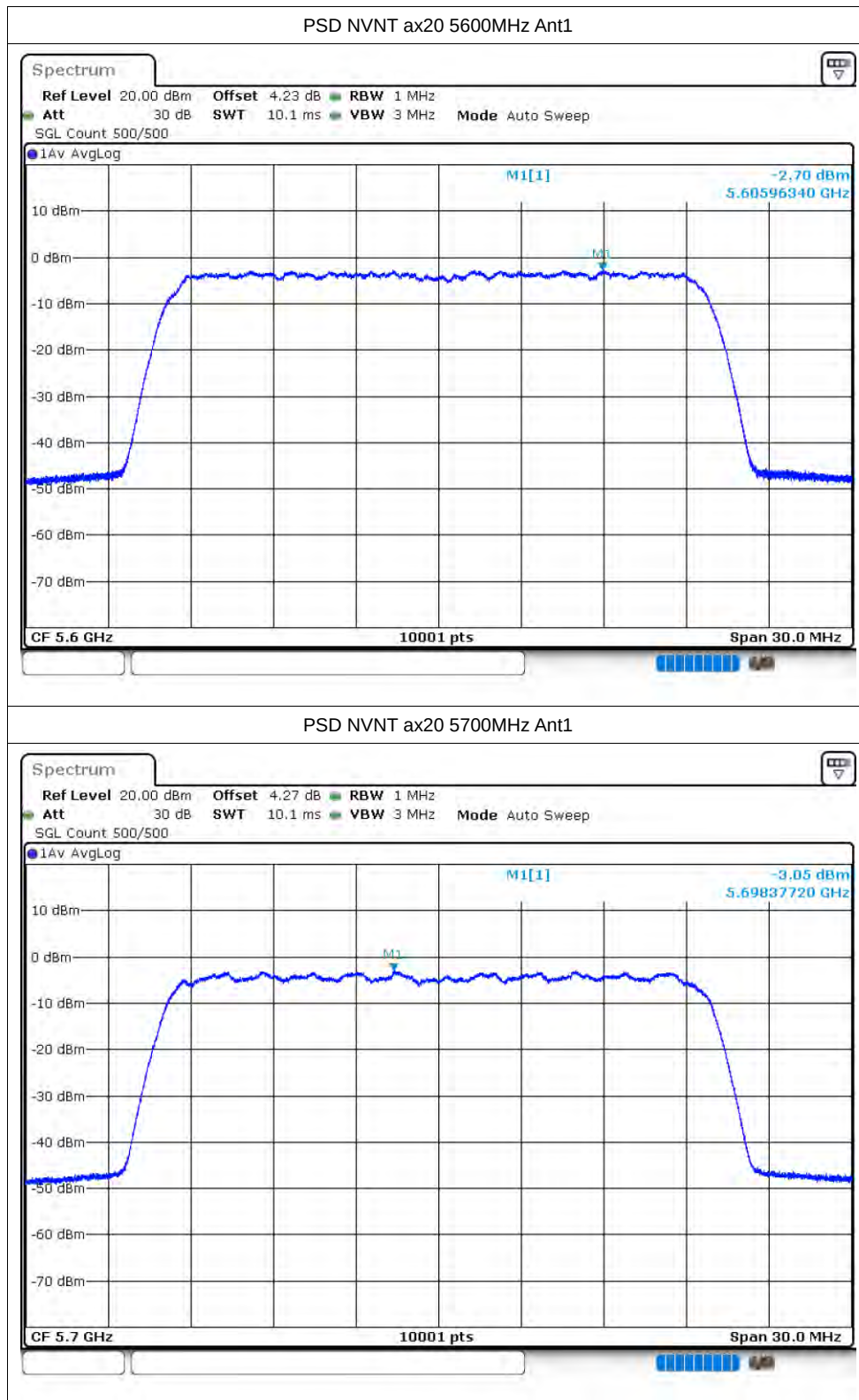




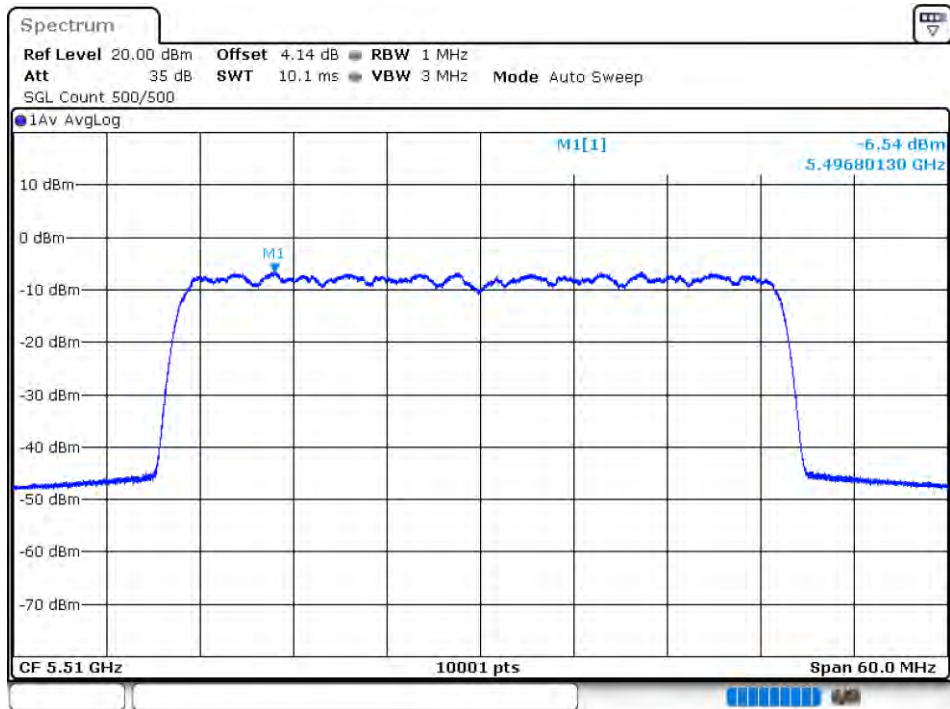




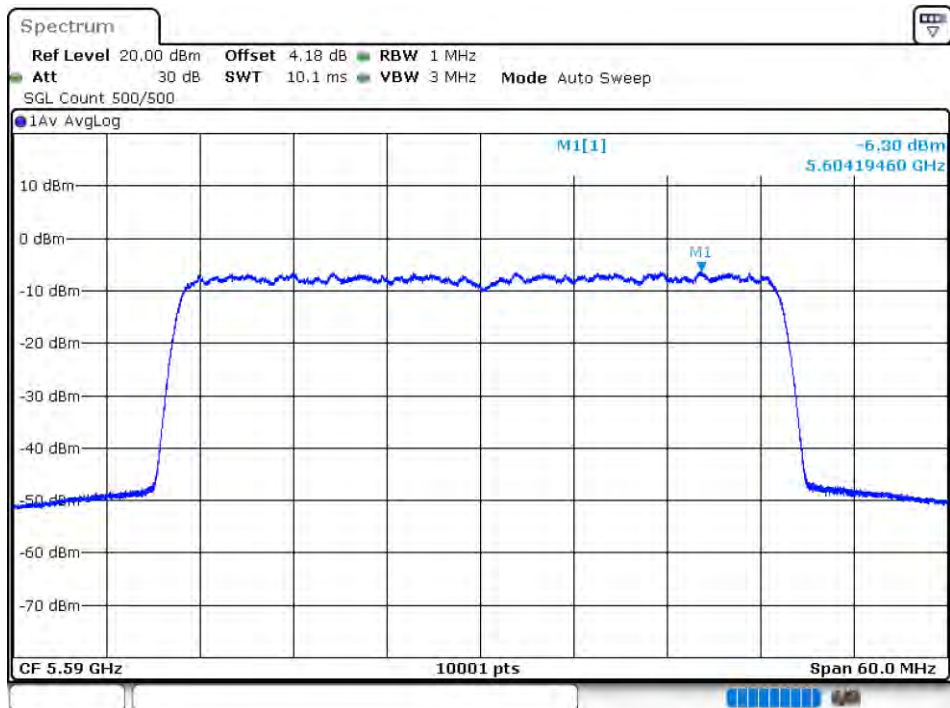


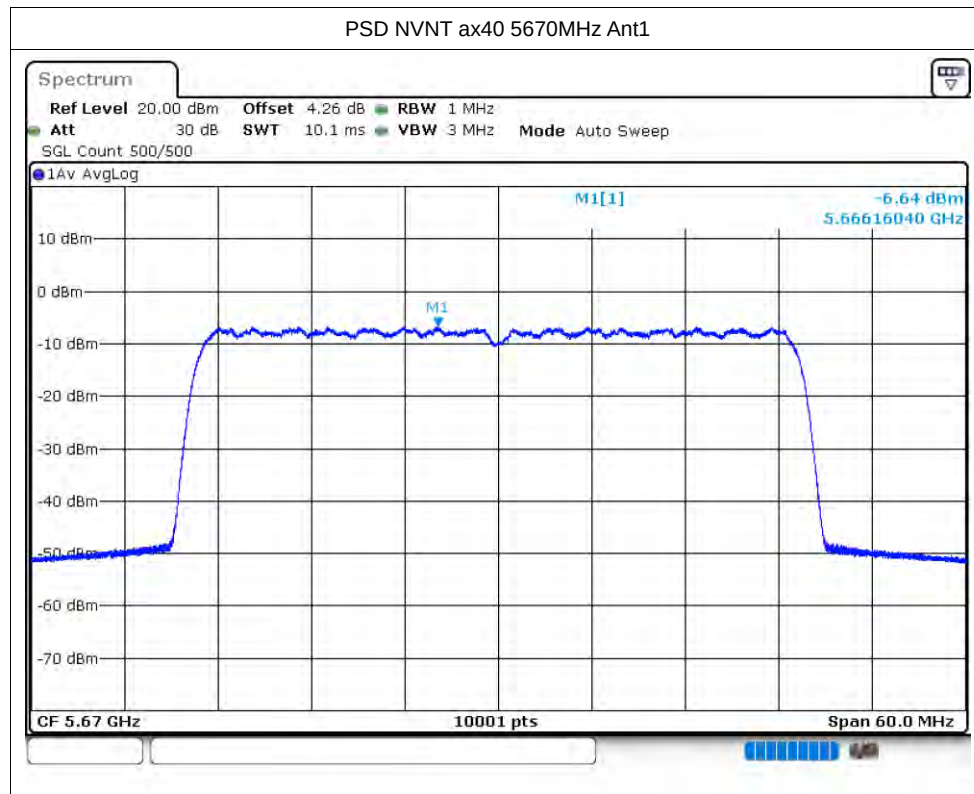


PSD NVNT ax40 5510MHz Ant1



PSD NVNT ax40 5590MHz Ant1





Band Edge

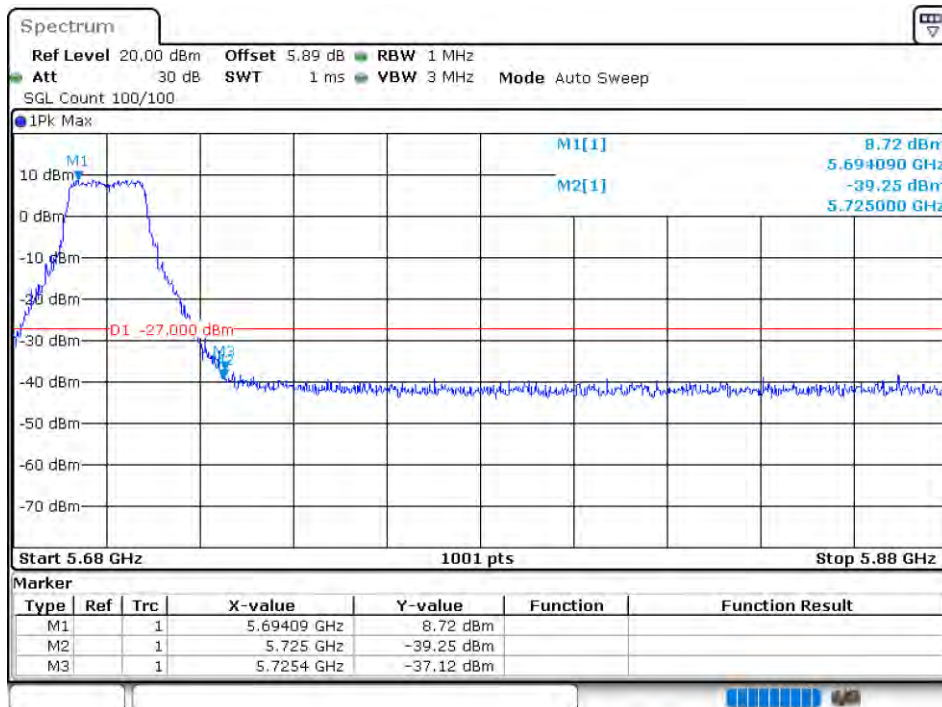
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-39.52	-27	Pass
NVNT	a	5700	Ant1	-37.11	-27	Pass
NVNT	n20	5500	Ant1	-38.38	-27	Pass
NVNT	n20	5700	Ant1	-35.68	-27	Pass
NVNT	n40	5510	Ant1	-35.67	-27	Pass
NVNT	n40	5670	Ant1	-38.86	-27	Pass
NVNT	ac20	5500	Ant1	-37.96	-27	Pass
NVNT	ac20	5700	Ant1	-32.33	-27	Pass
NVNT	ac40	5510	Ant1	-38.56	-27	Pass
NVNT	ac40	5670	Ant1	-39.07	-27	Pass
NVNT	ax20	5500	Ant1	-39.28	-27	Pass
NVNT	ax20	5700	Ant1	-36.67	-27	Pass
NVNT	ax40	5510	Ant1	-38.89	-27	Pass
NVNT	ax40	5670	Ant1	-39.17	-27	Pass

Test Graphs

Band Edge NVNT a 5500MHz Low Ant1



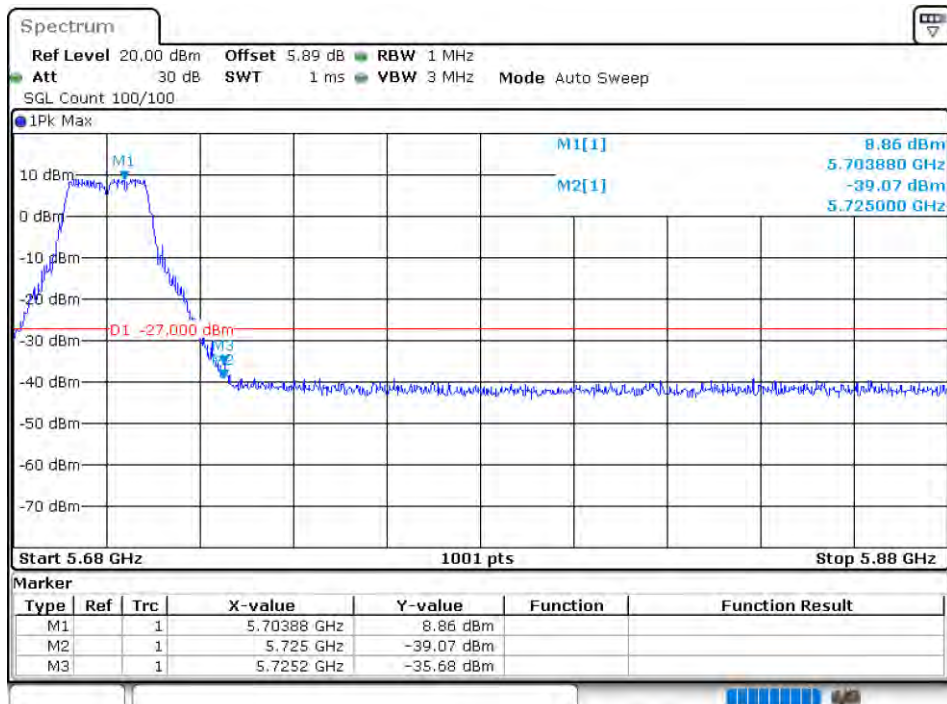
Band Edge NVNT a 5700MHz High Ant1



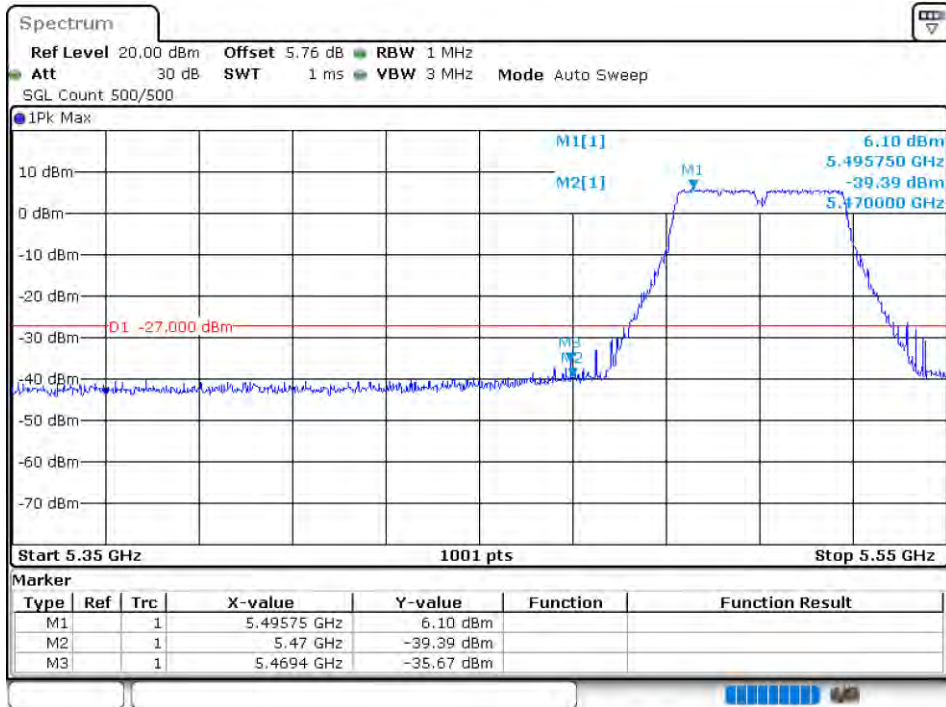
Band Edge NVNT n20 5500MHz Low Ant1



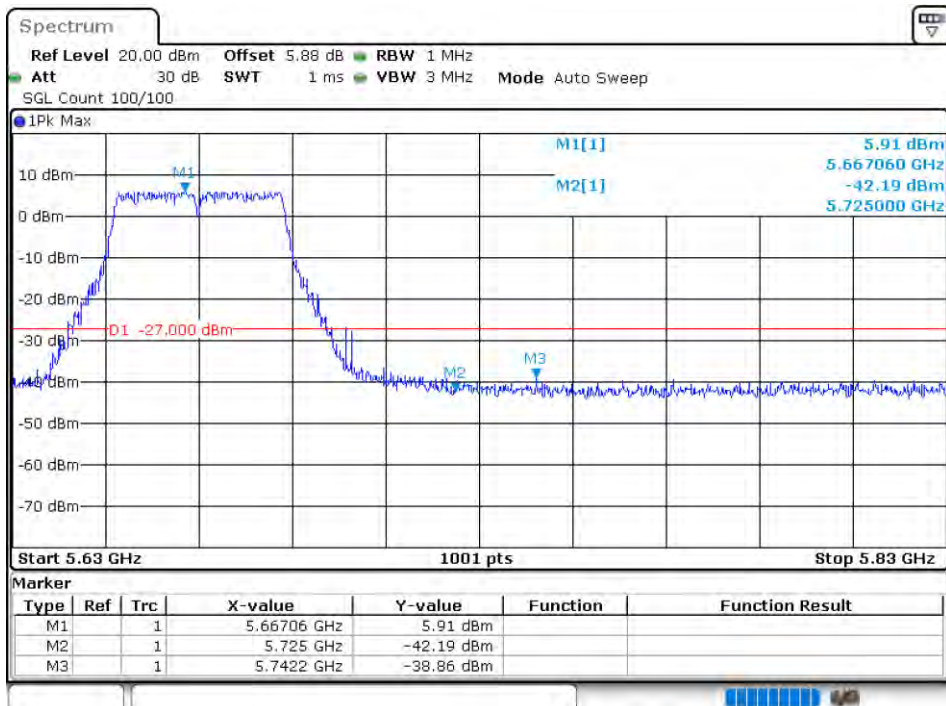
Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1



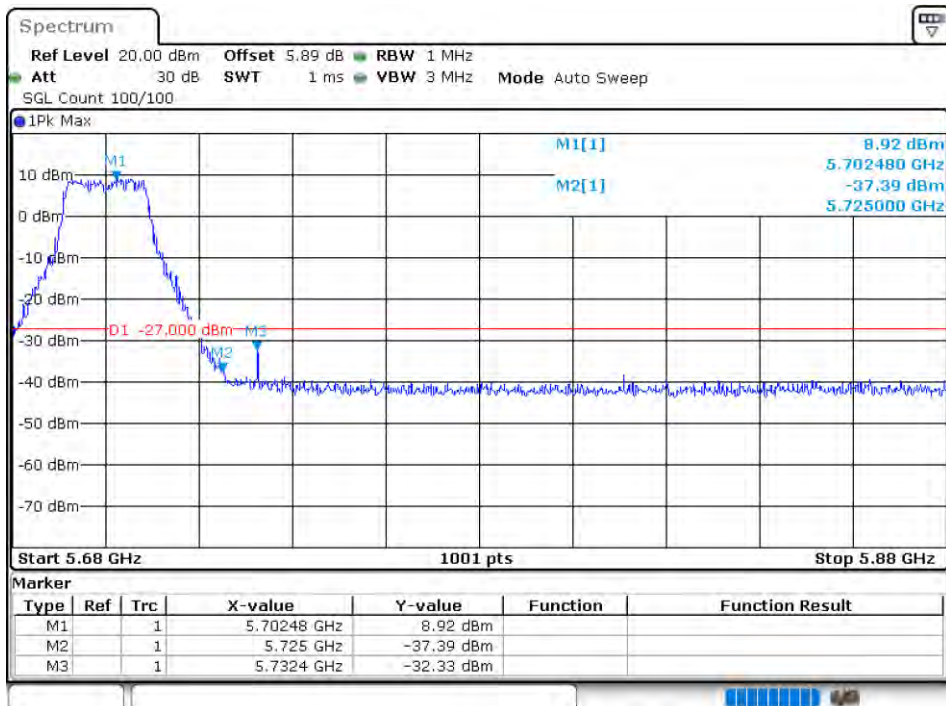
Band Edge NVNT n40 5670MHz High Ant1



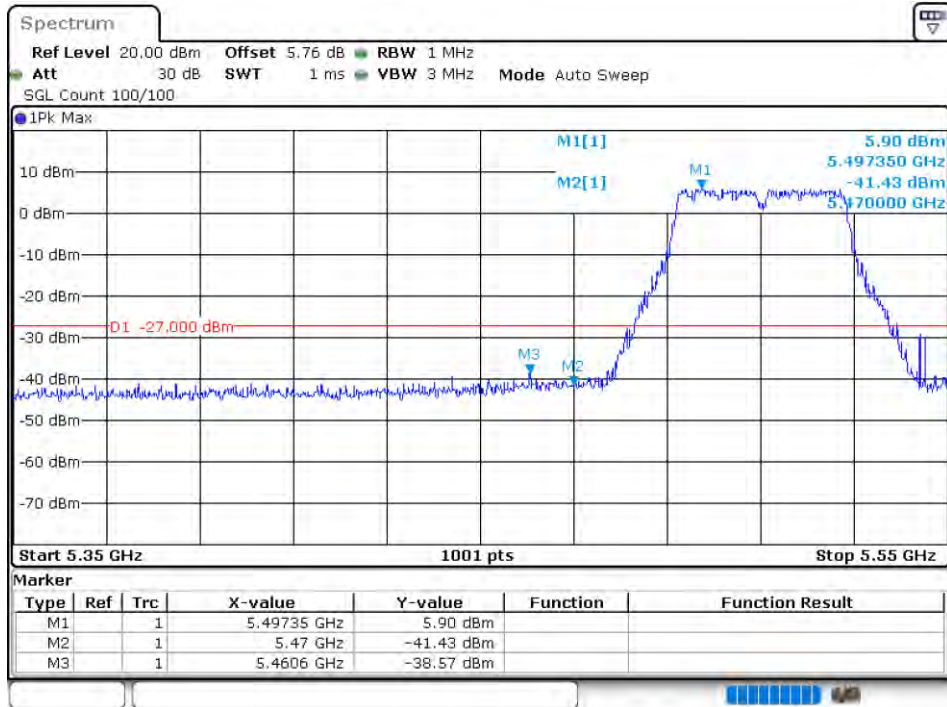
Band Edge NVNT ac20 5500MHz Low Ant1



Band Edge NVNT ac20 5700MHz High Ant1



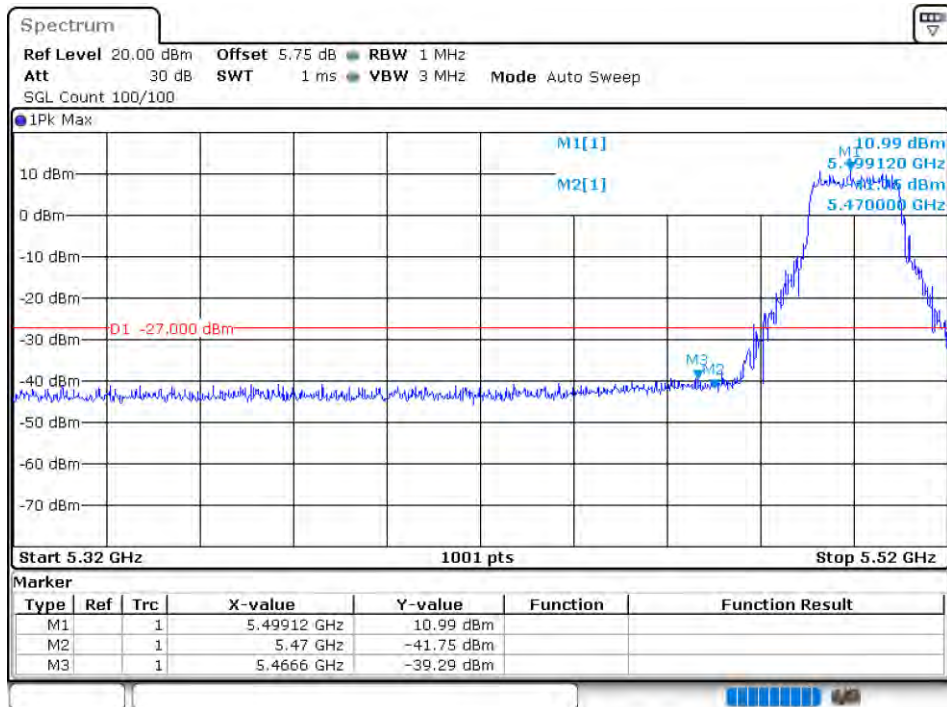
Band Edge NVNT ac40 5510MHz Low Ant1



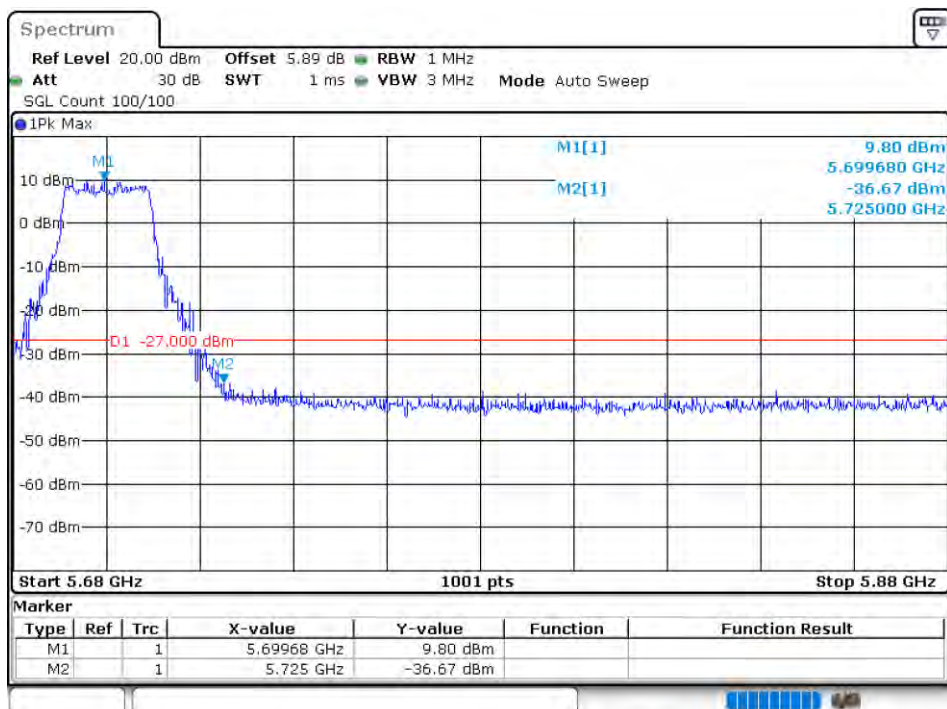
Band Edge NVNT ac40 5670MHz High Ant1



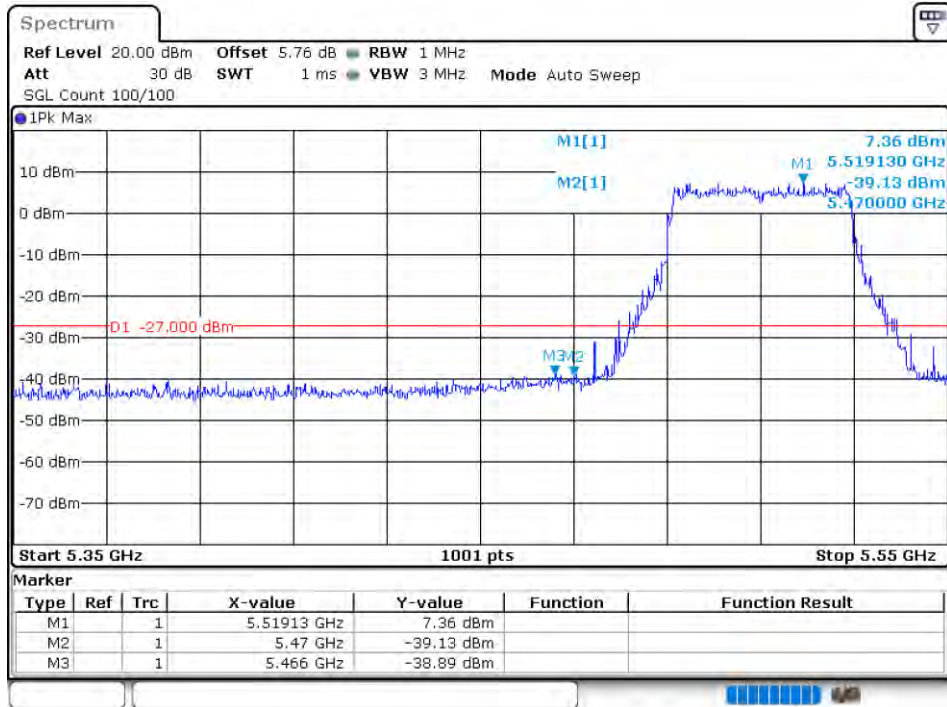
Band Edge NVNT ax20 5500MHz Low Ant1



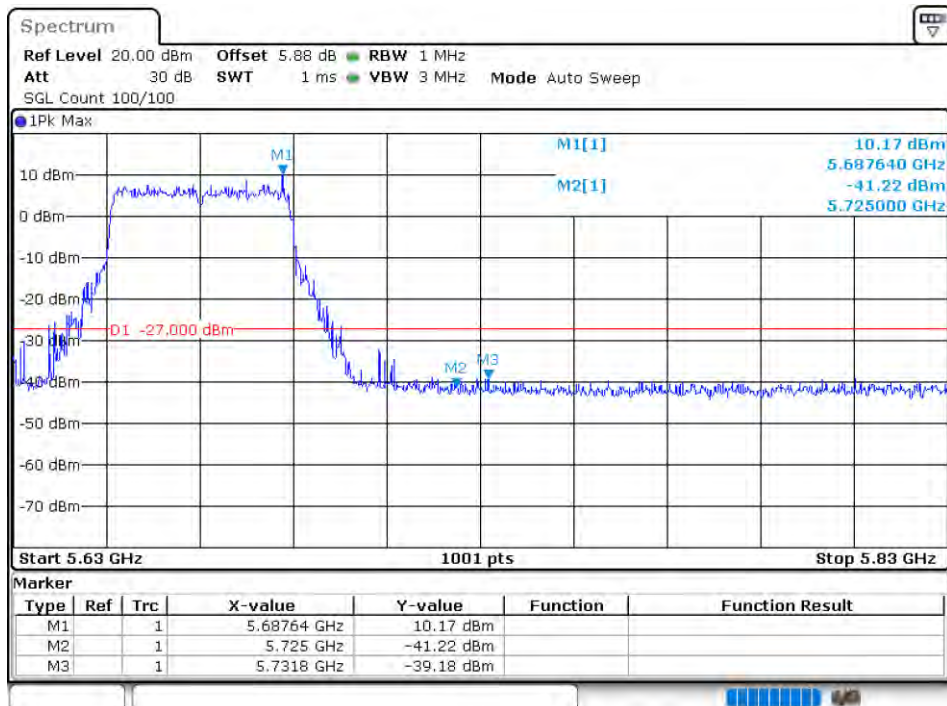
Band Edge NVNT ax20 5700MHz High Ant1



Band Edge NVNT ax40 5510MHz Low Ant1



Band Edge NVNT ax40 5670MHz High Ant1

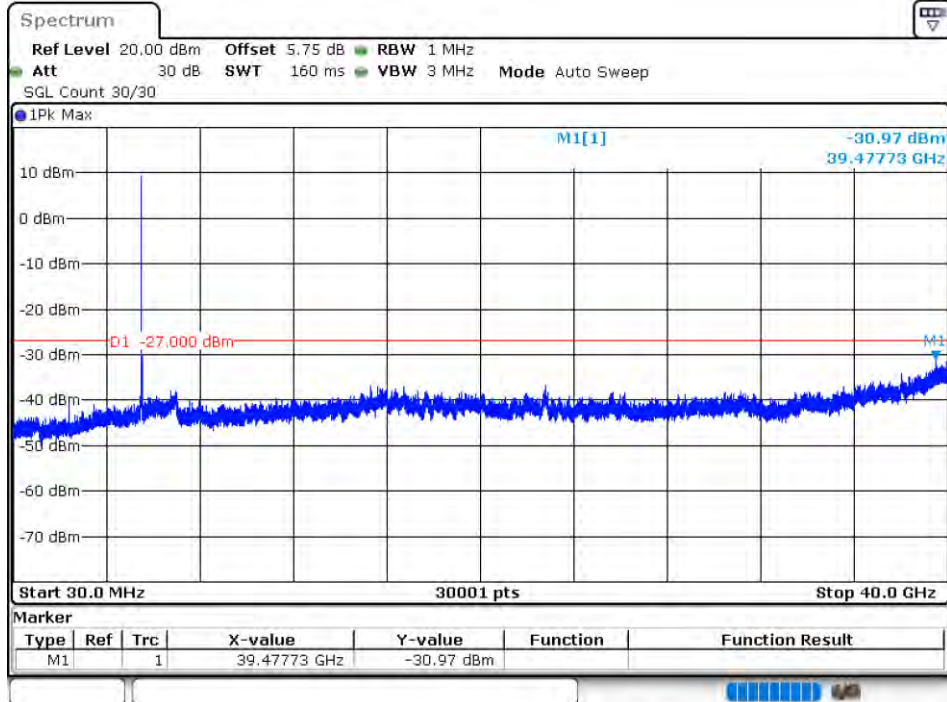


Conducted RF Spurious Emission

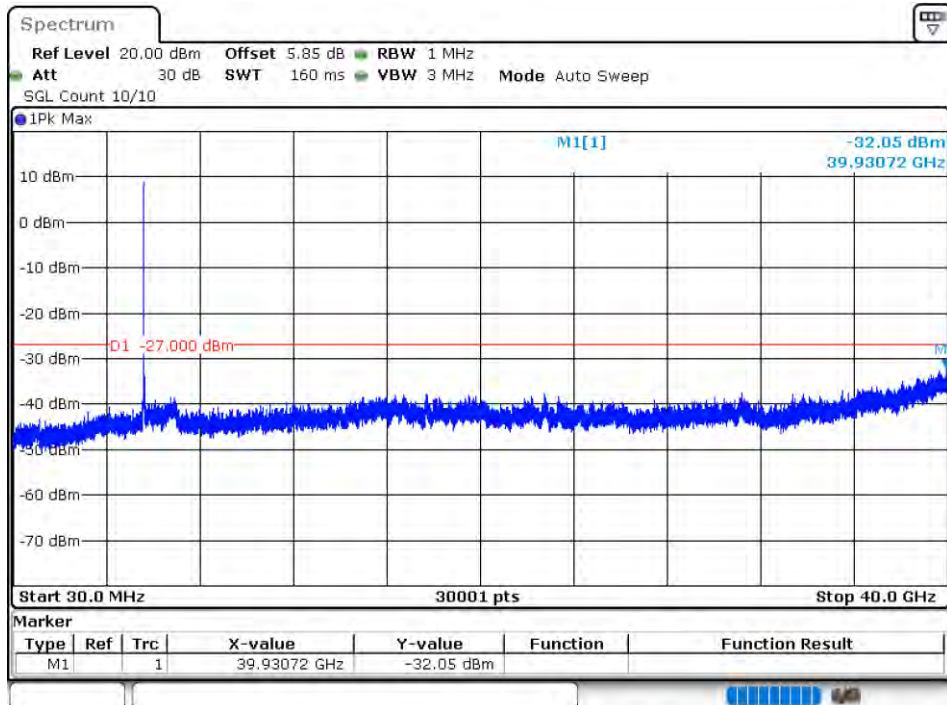
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-30.96	-27	Pass
NVNT	a	5600	Ant1	-32.04	-27	Pass
NVNT	a	5700	Ant1	-32.09	-27	Pass
NVNT	n20	5500	Ant1	-32.42	-27	Pass
NVNT	n20	5600	Ant1	-31.98	-27	Pass
NVNT	n20	5700	Ant1	-32.65	-27	Pass
NVNT	n40	5510	Ant1	-32.57	-27	Pass
NVNT	n40	5590	Ant1	-31.6	-27	Pass
NVNT	n40	5670	Ant1	-32.14	-27	Pass
NVNT	ac20	5500	Ant1	-32.15	-27	Pass
NVNT	ac20	5600	Ant1	-32.06	-27	Pass
NVNT	ac20	5700	Ant1	-31.76	-27	Pass
NVNT	ac40	5510	Ant1	-32.36	-27	Pass
NVNT	ac40	5590	Ant1	-31.65	-27	Pass
NVNT	ac40	5670	Ant1	-32.21	-27	Pass
NVNT	ax20	5500	Ant1	-32.61	-27	Pass
NVNT	ax20	5600	Ant1	-32.36	-27	Pass
NVNT	ax20	5700	Ant1	-31.29	-27	Pass
NVNT	ax40	5510	Ant1	-32.23	-27	Pass
NVNT	ax40	5590	Ant1	-32.63	-27	Pass
NVNT	ax40	5670	Ant1	-32.57	-27	Pass

Test Graphs

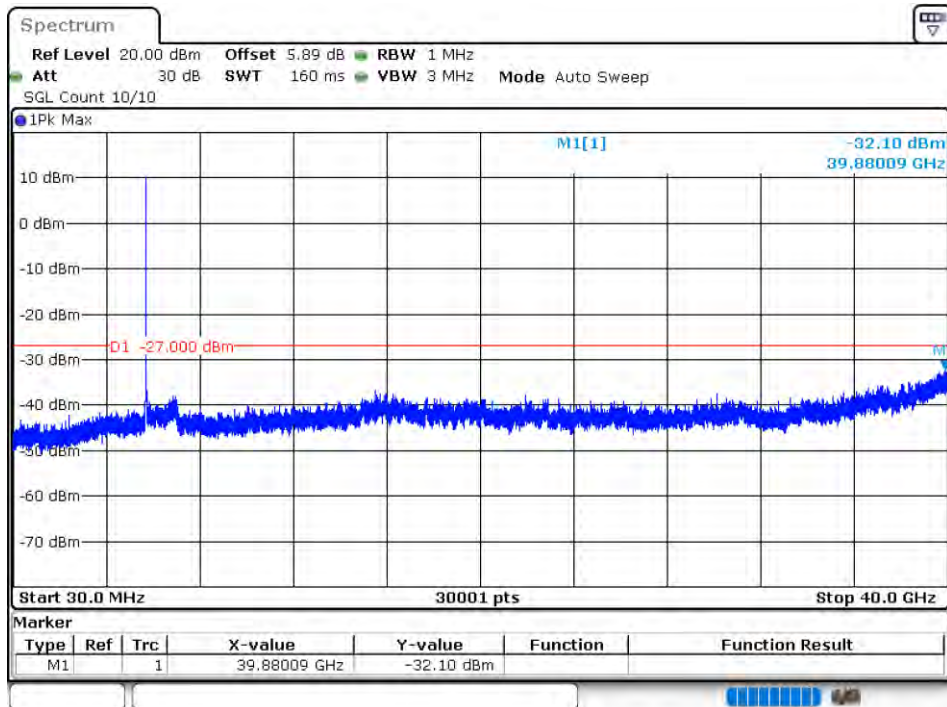
Tx. Spurious NVNT a 5500MHz Ant1 Emission



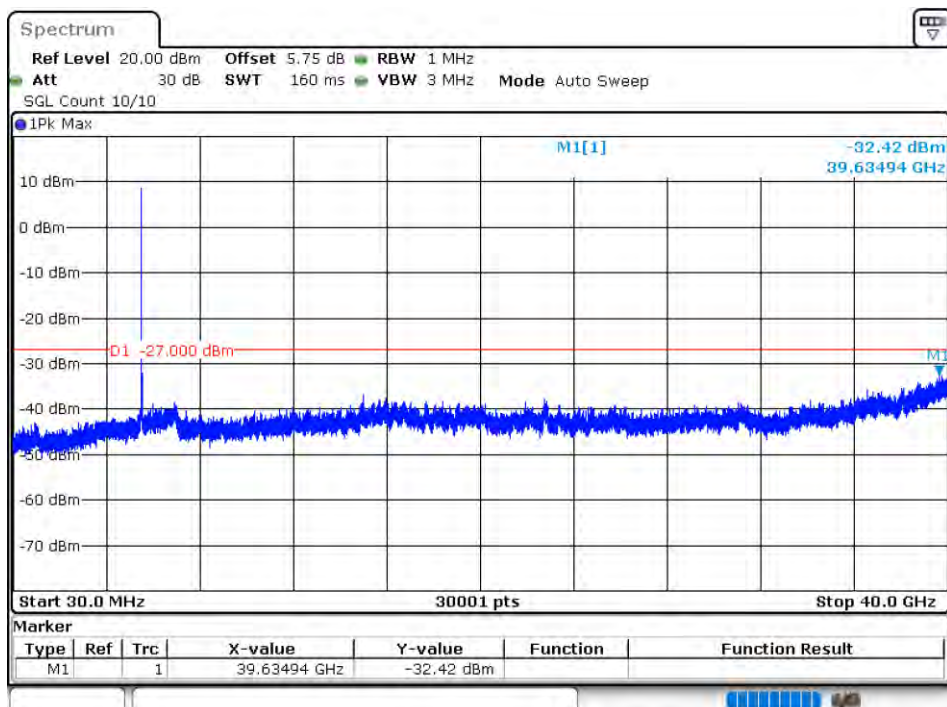
Tx. Spurious NVNT a 5600MHz Ant1 Emission



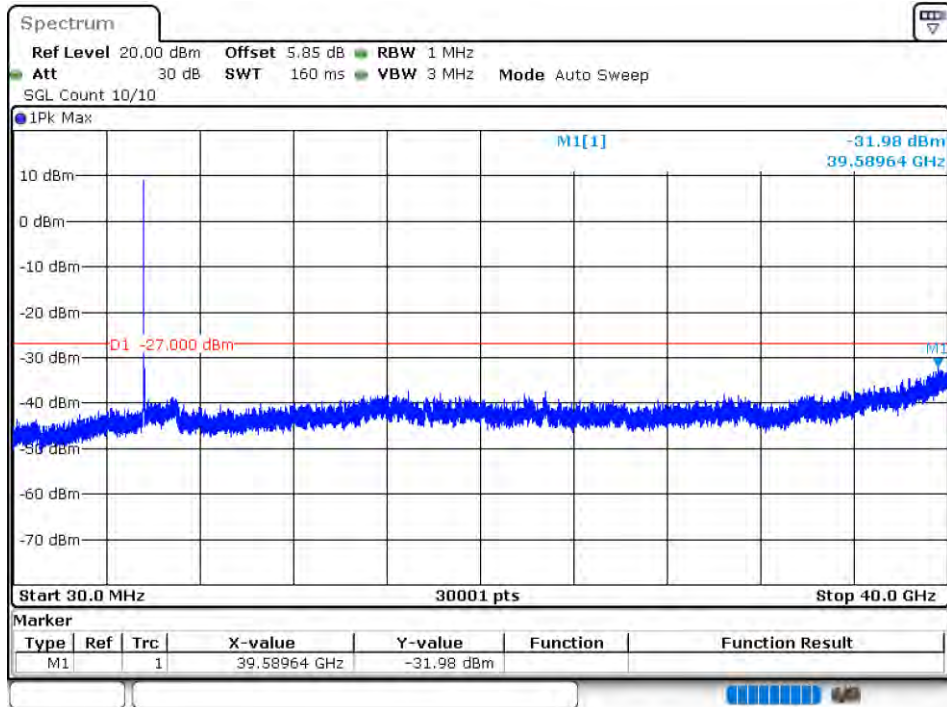
Tx. Spurious NVNT a 5700MHz Ant1 Emission



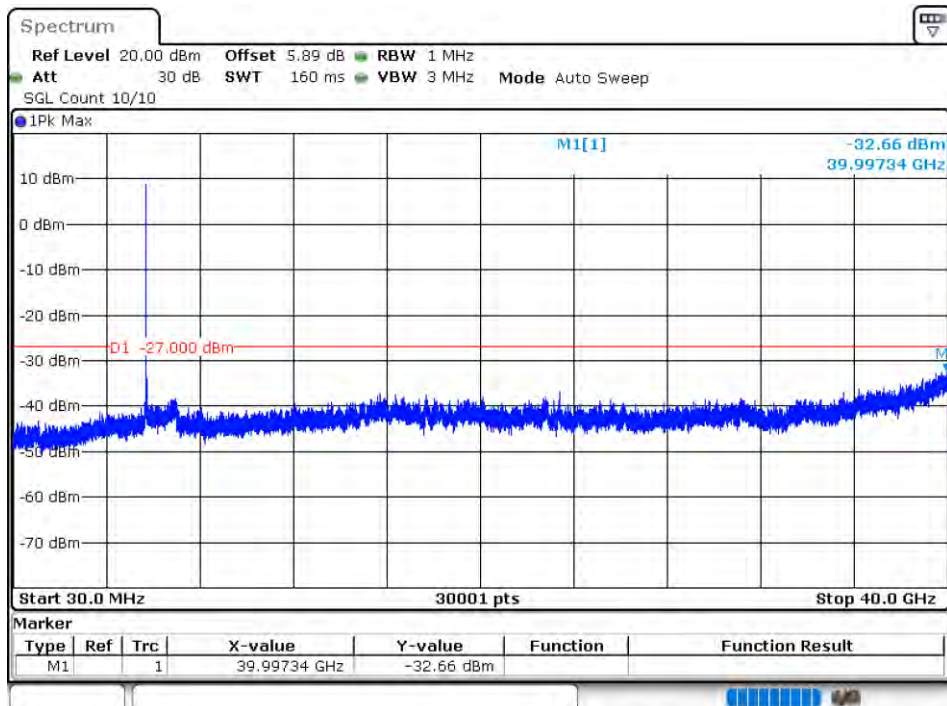
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



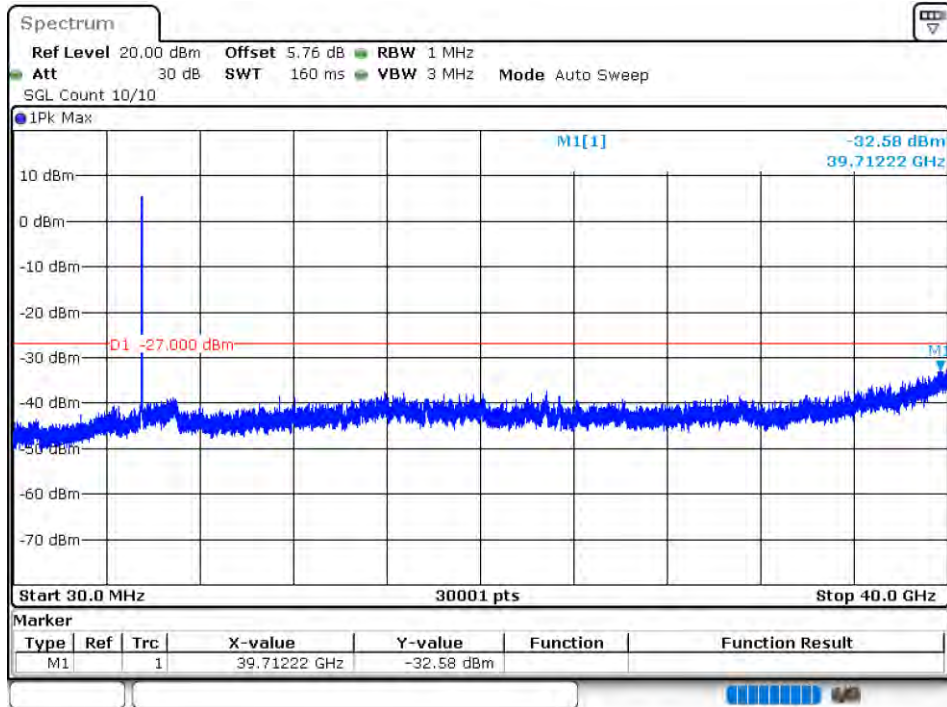
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



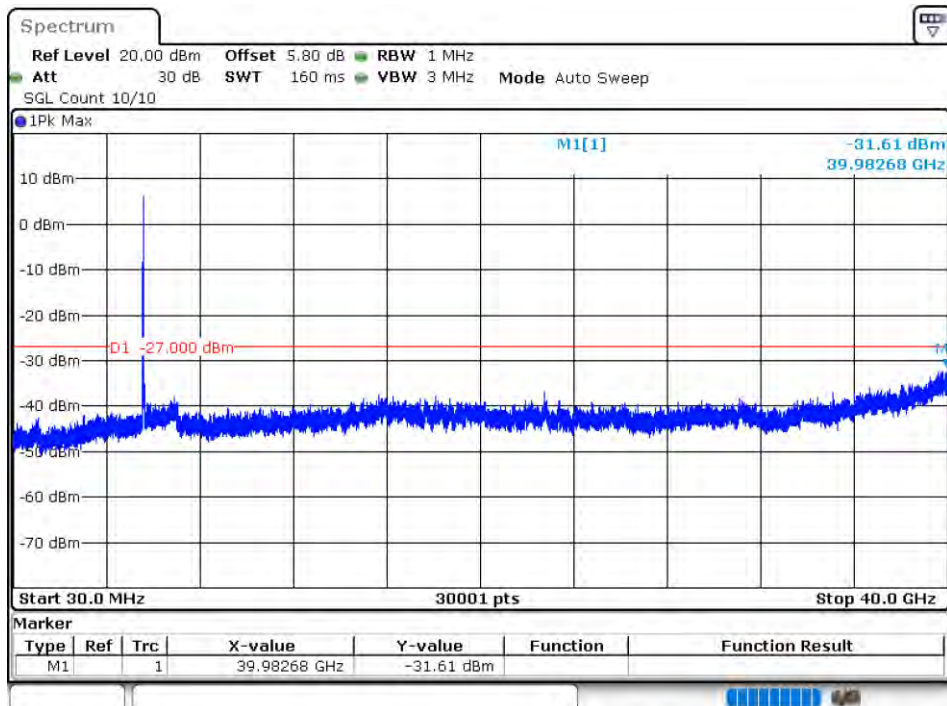
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



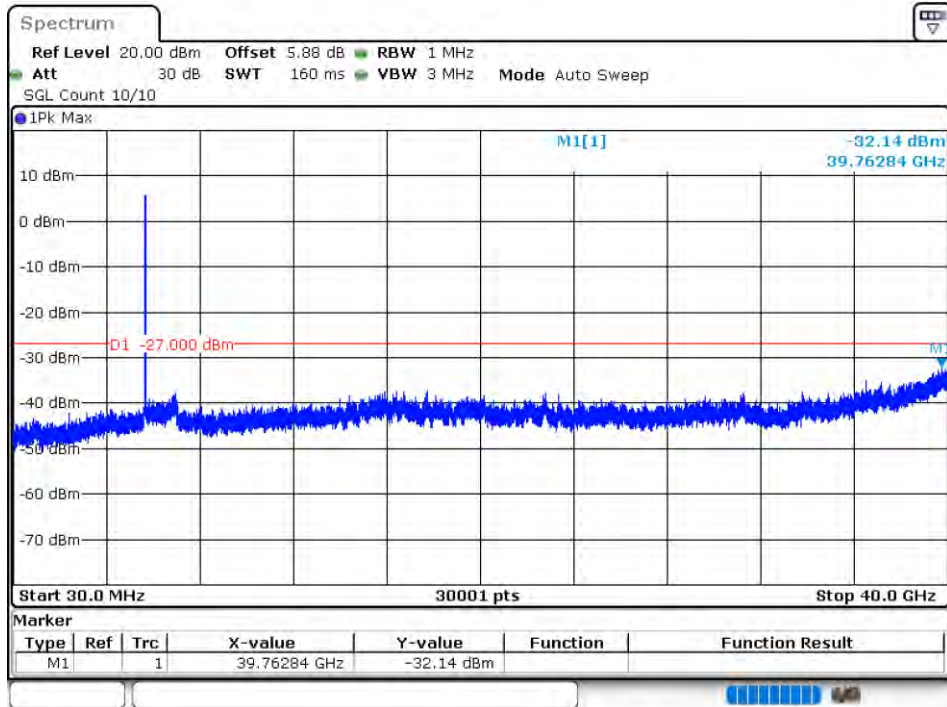
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



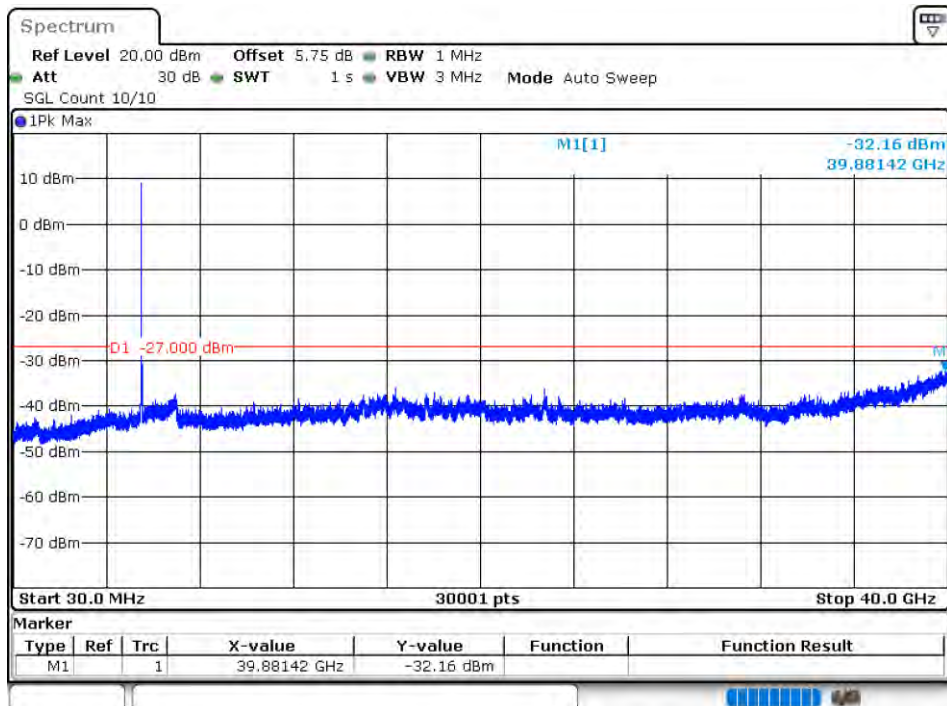
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



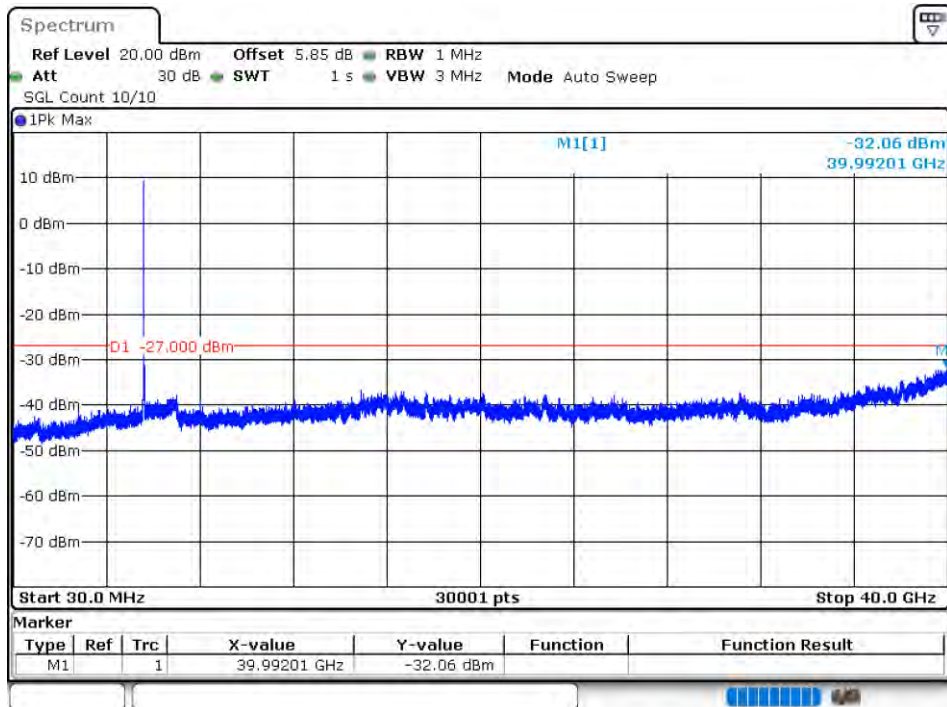
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



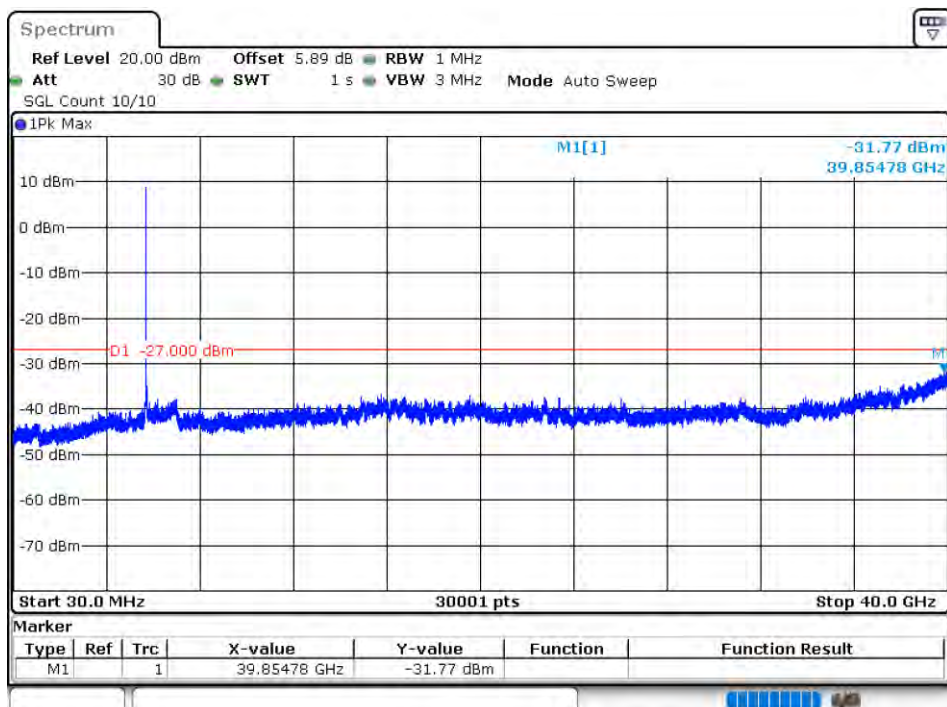
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



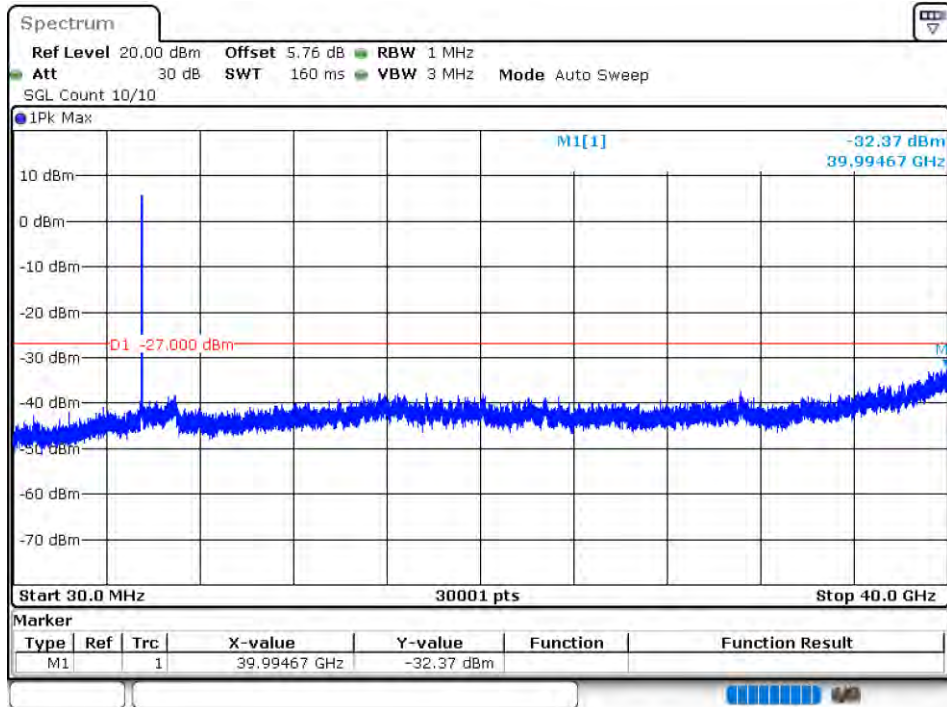
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



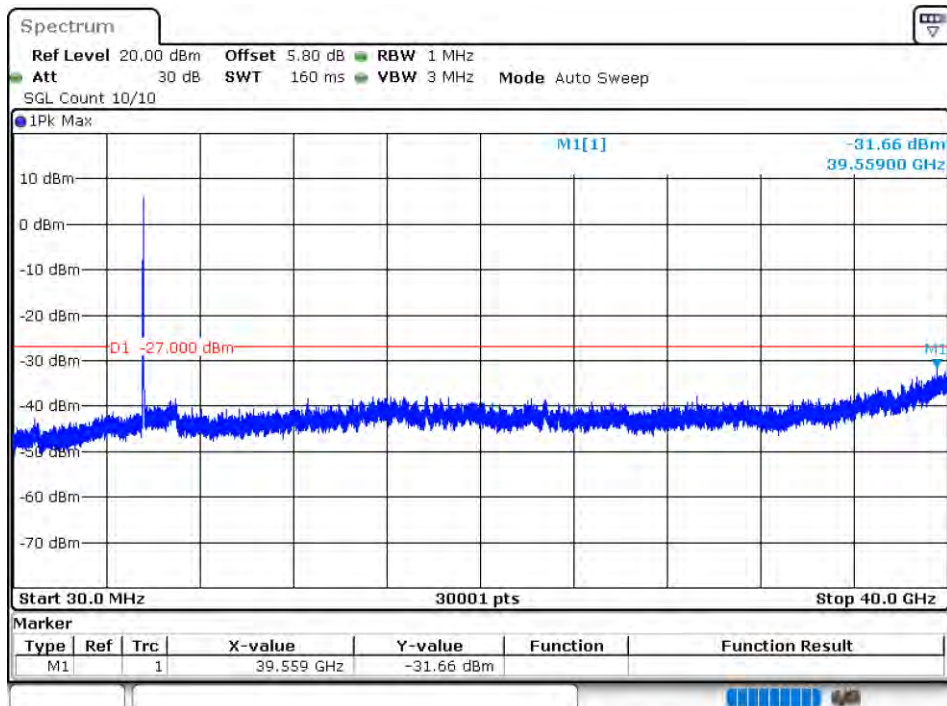
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



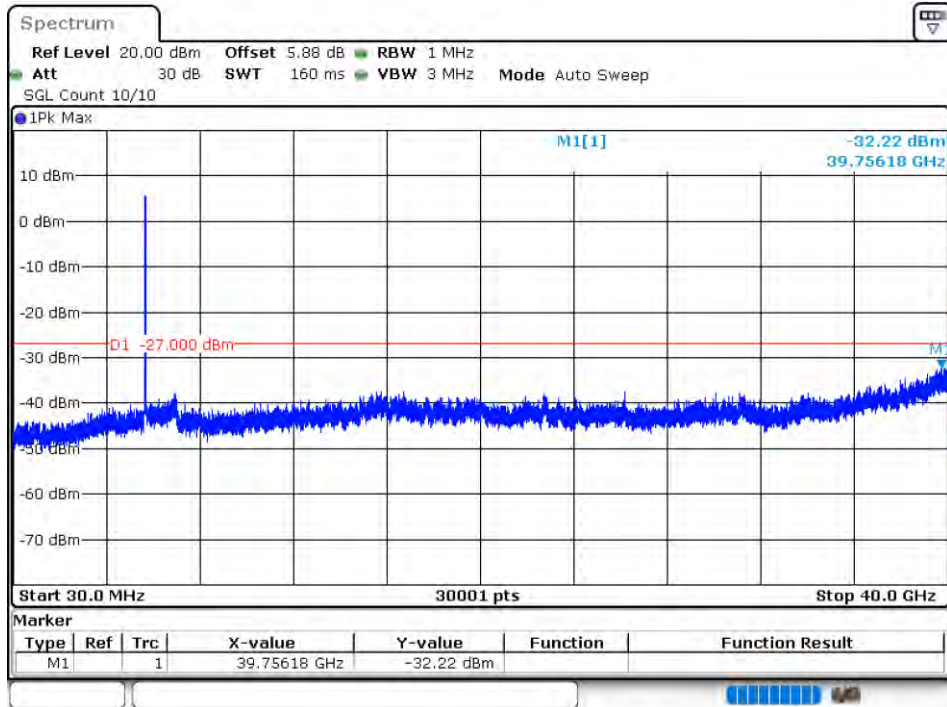
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



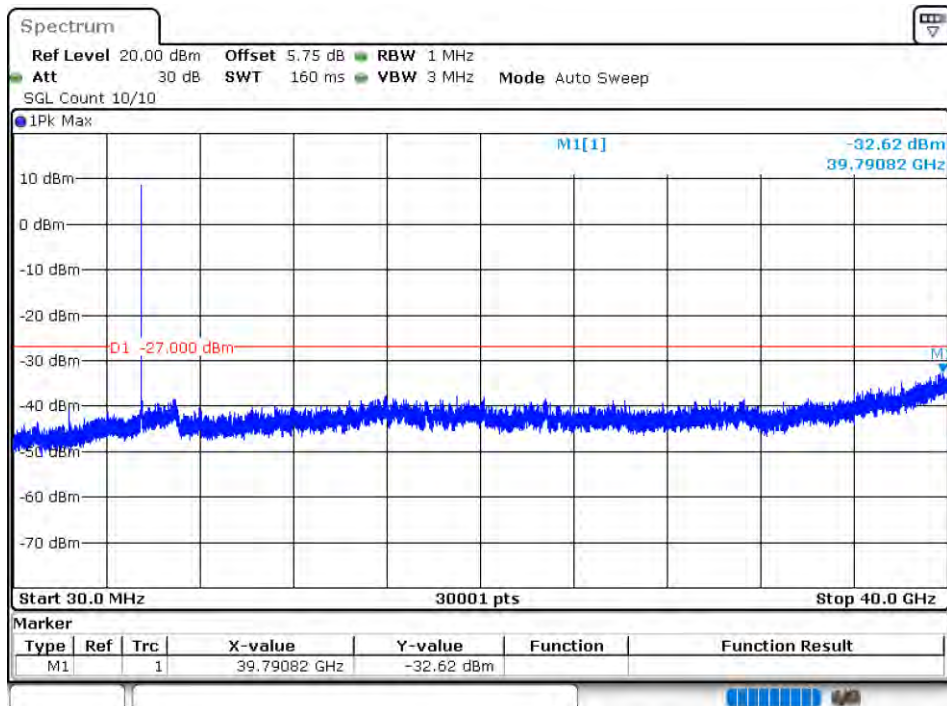
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



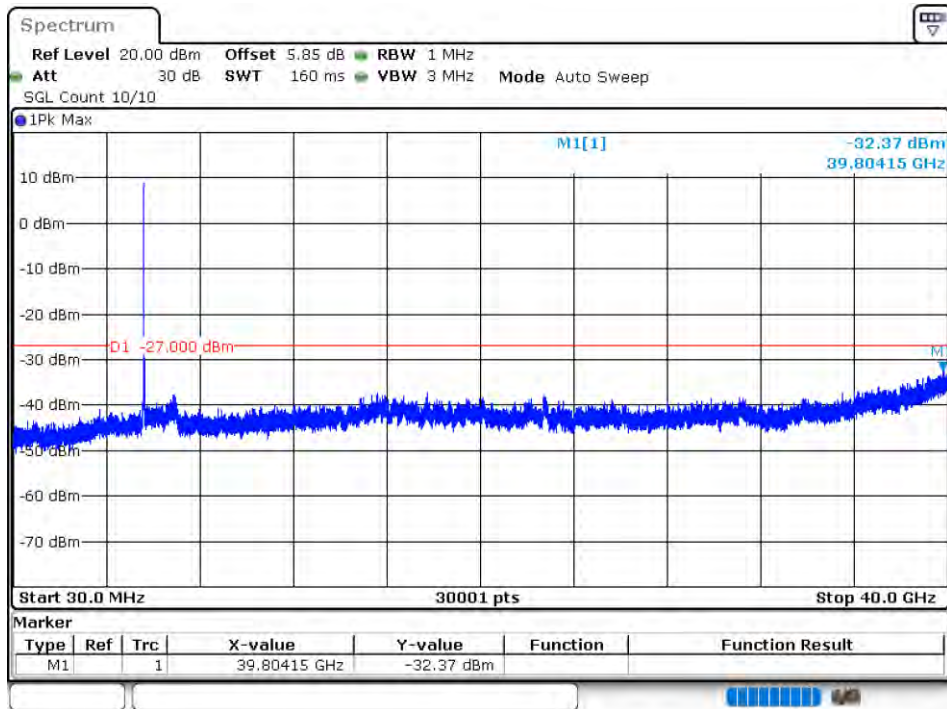
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



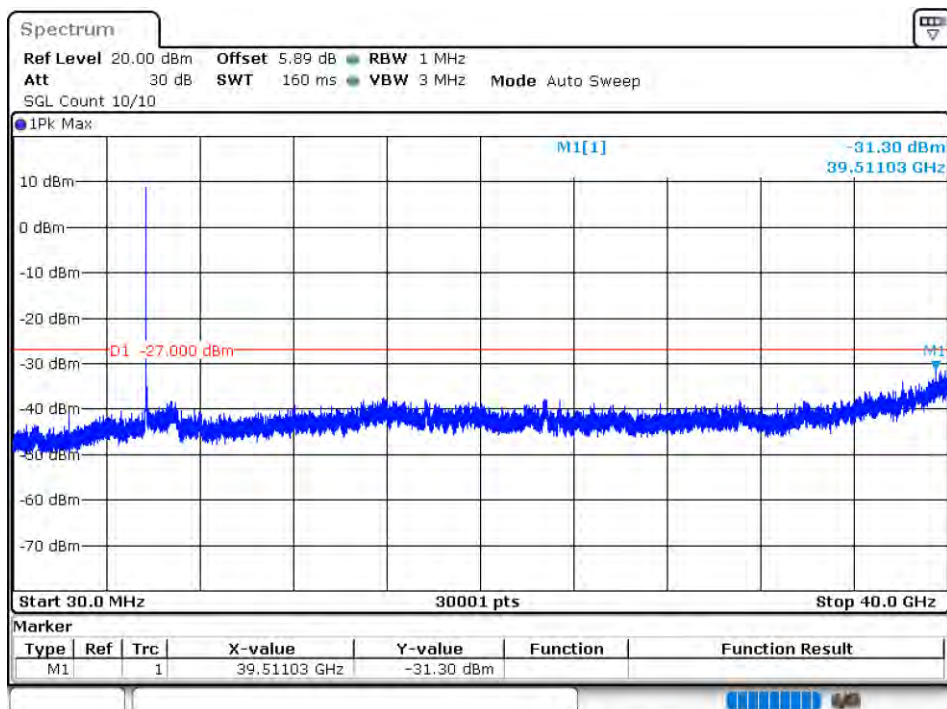
Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



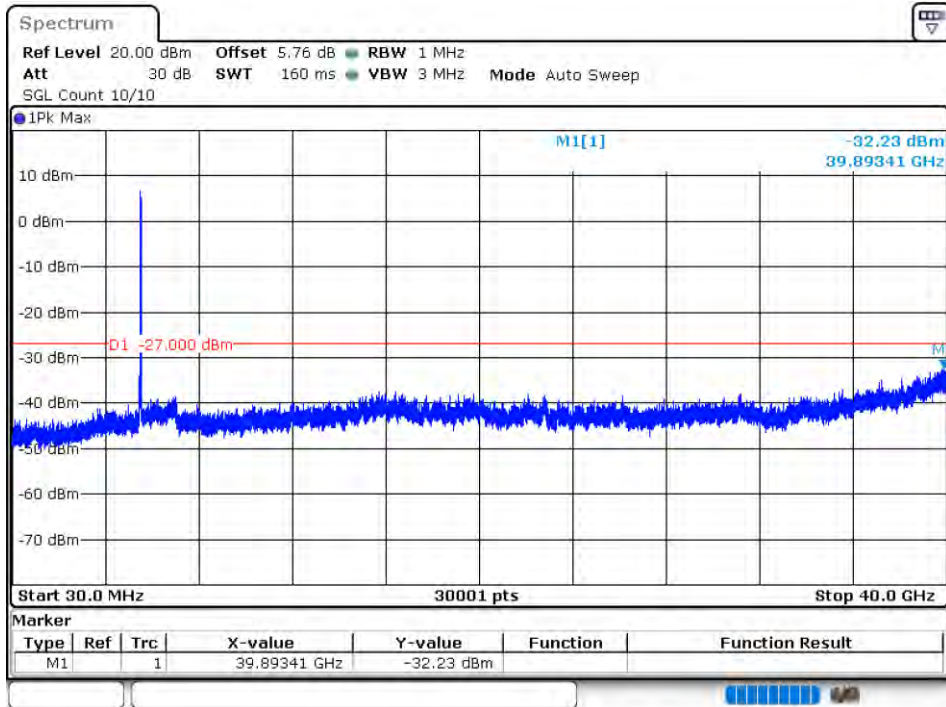
Tx. Spurious NVNT ax20 5600MHz Ant1 Emission



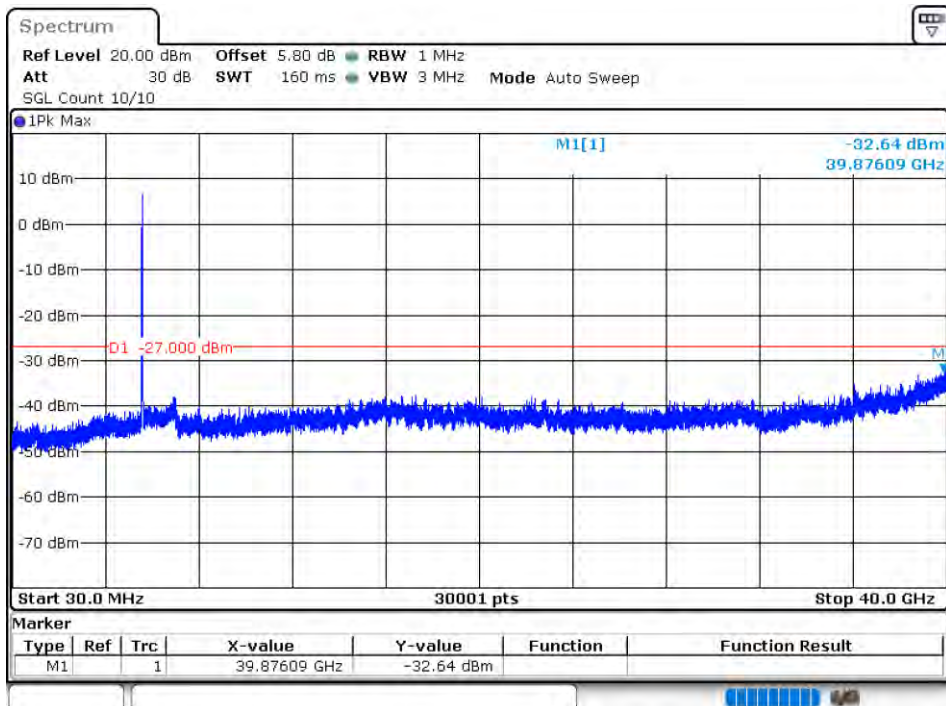
Tx. Spurious NVNT ax20 5700MHz Ant1 Emission

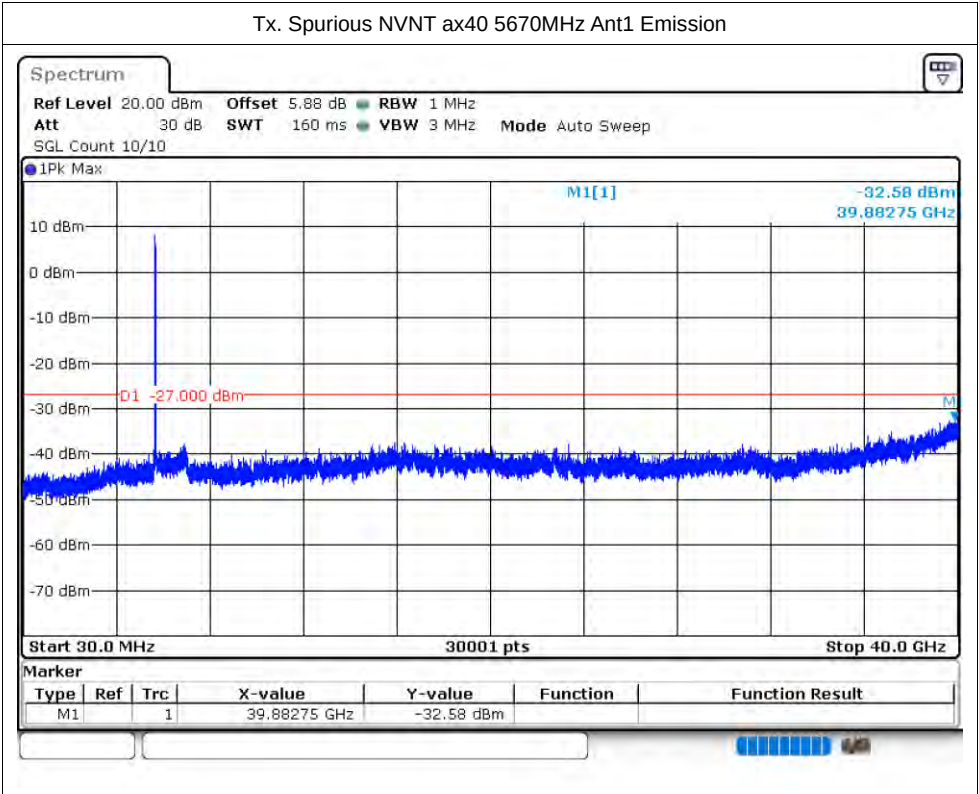


Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5590MHz Ant1 Emission





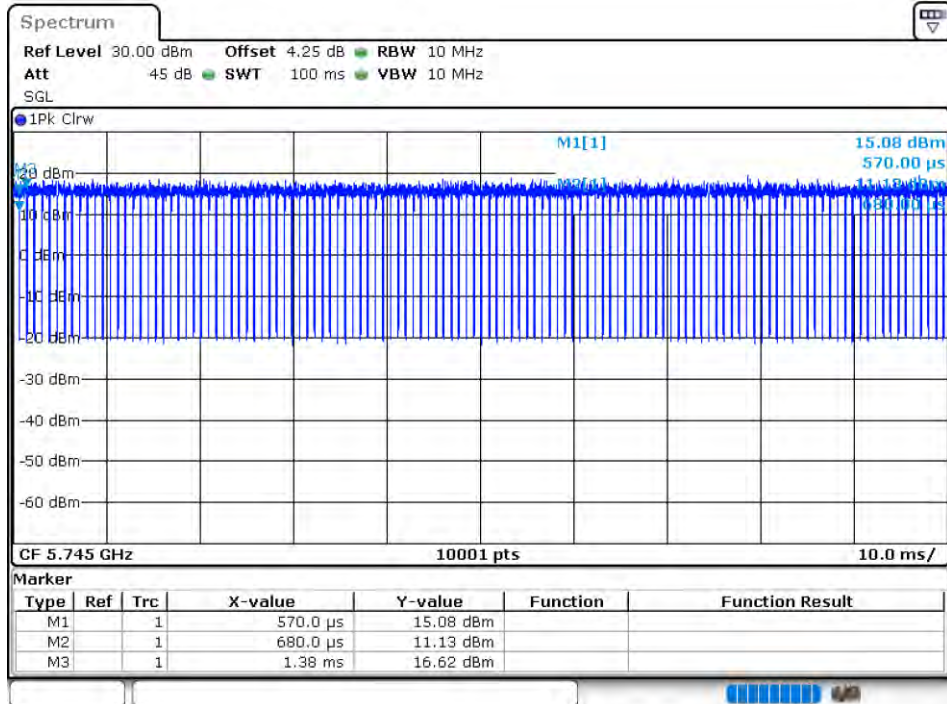
5.8G WIFI

Duty Cycle

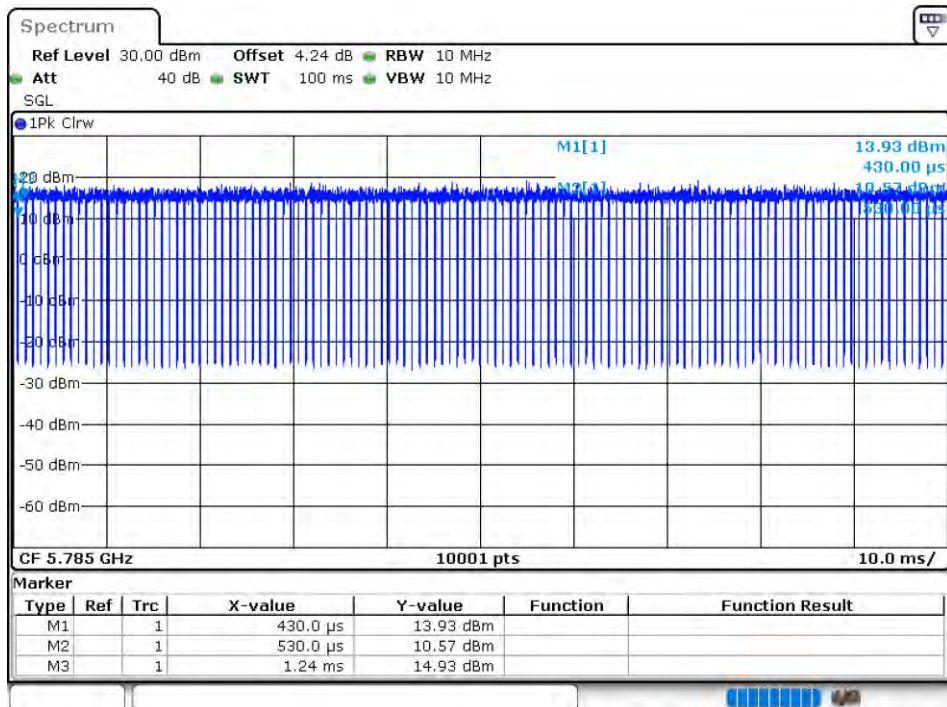
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	88.53	0.53	1.43
NVNT	a	5785	Ant1	88.56	0.53	1.41
NVNT	a	5825	Ant1	97.5	0.11	1.41
NVNT	n20	5745	Ant1	98.09	0.08	0.77
NVNT	n20	5785	Ant1	93.4	0.3	0.77
NVNT	n20	5825	Ant1	99.59	0.02	0.38
NVNT	n40	5755	Ant1	99.74	0.01	0.2
NVNT	n40	5795	Ant1	99.83	0.01	0.2
NVNT	ac20	5745	Ant1	93.45	0.29	0.76
NVNT	ac20	5785	Ant1	98.08	0.08	0.76
NVNT	ac20	5825	Ant1	93.38	0.3	0.76
NVNT	ac40	5755	Ant1	99.49	0.02	0.2
NVNT	ac40	5795	Ant1	99.47	0.02	0.2
NVNT	ax20	5745	Ant1	99.33	0.03	0.26
NVNT	ax20	5785	Ant1	99.36	0.03	0.26
NVNT	ax20	5825	Ant1	99.33	0.03	0.26
NVNT	ax40	5755	Ant1	98.73	0.06	0.51
NVNT	ax40	5795	Ant1	98.73	0.06	0.51

Test Graphs

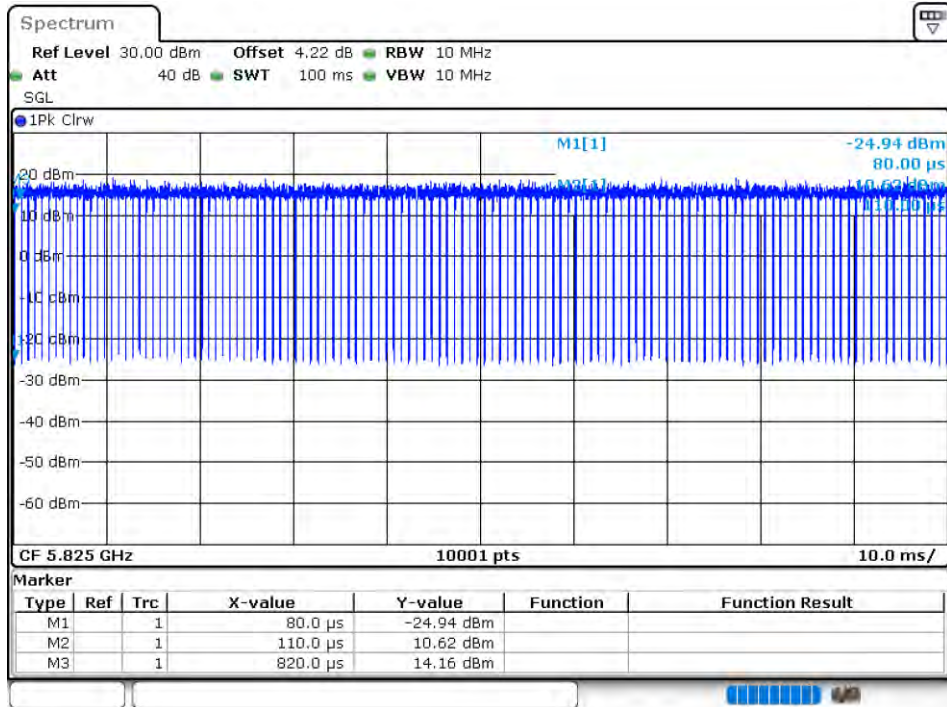
Duty Cycle NVNT a 5745MHz Ant1



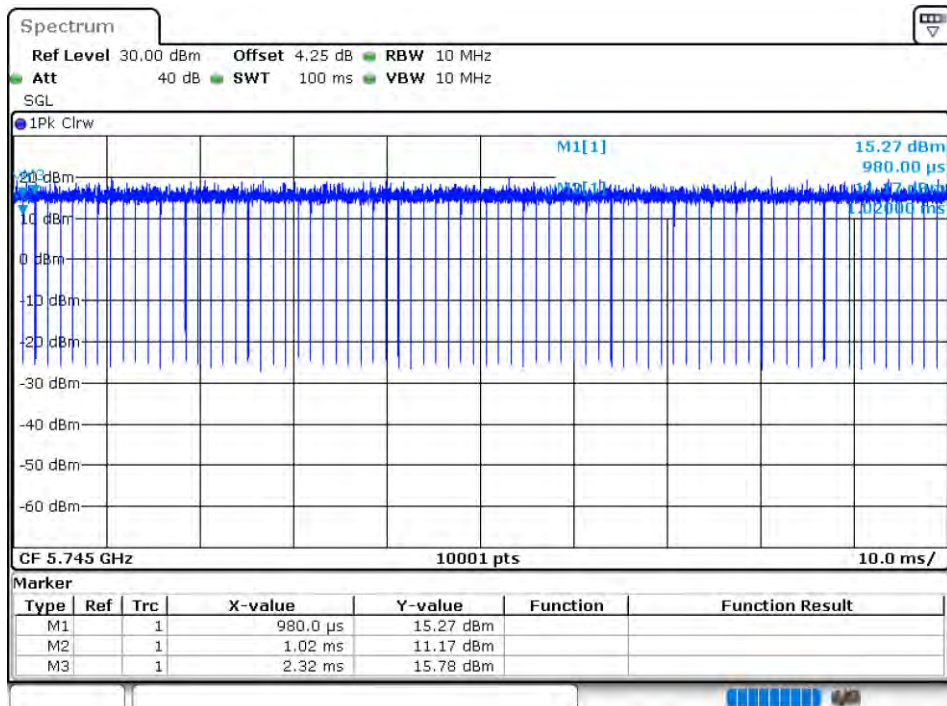
Duty Cycle NVNT a 5785MHz Ant1



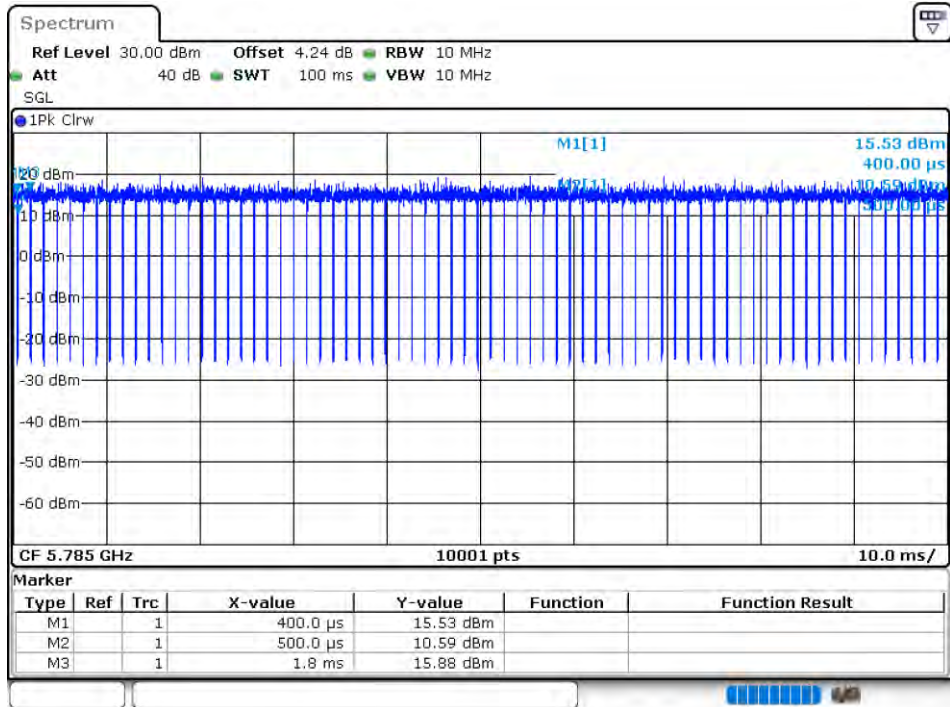
Duty Cycle NVNT a 5825MHz Ant1



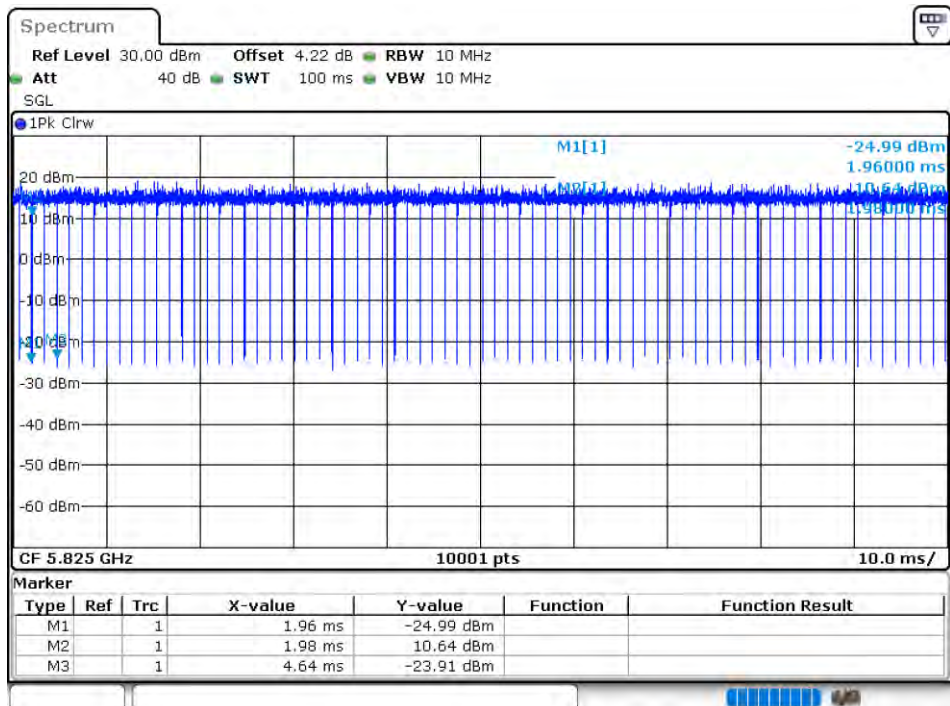
Duty Cycle NVNT n20 5745MHz Ant1



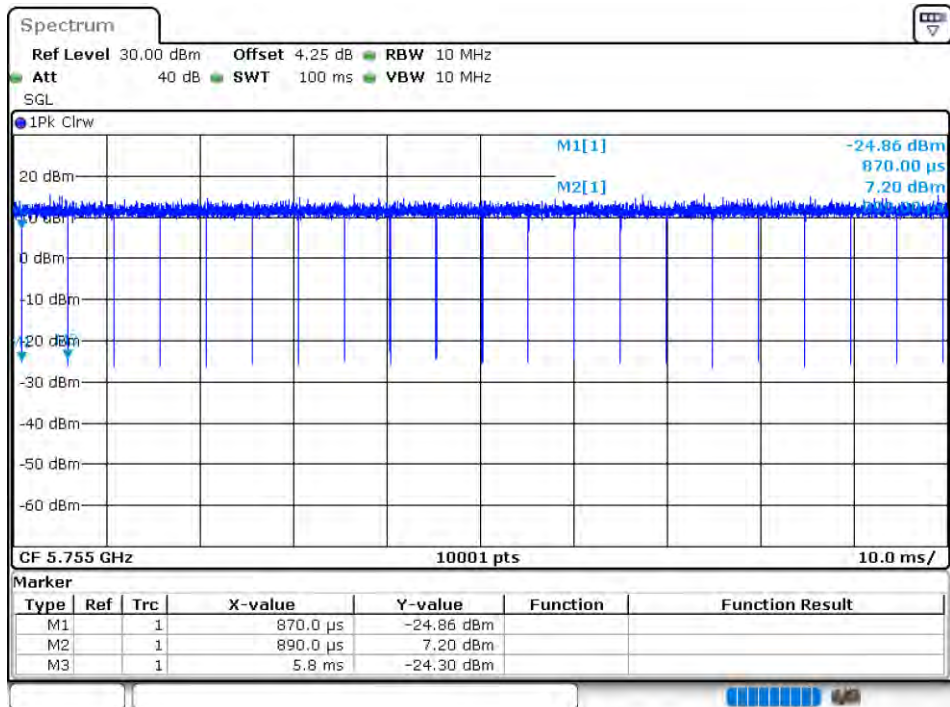
Duty Cycle NVNT n20 5785MHz Ant1



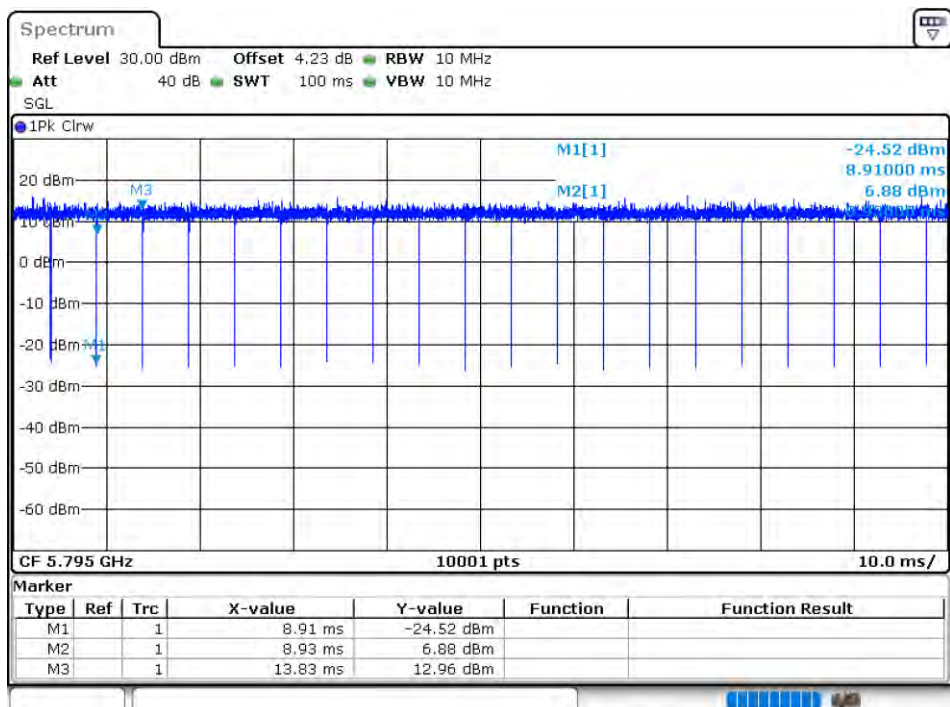
Duty Cycle NVNT n20 5825MHz Ant1



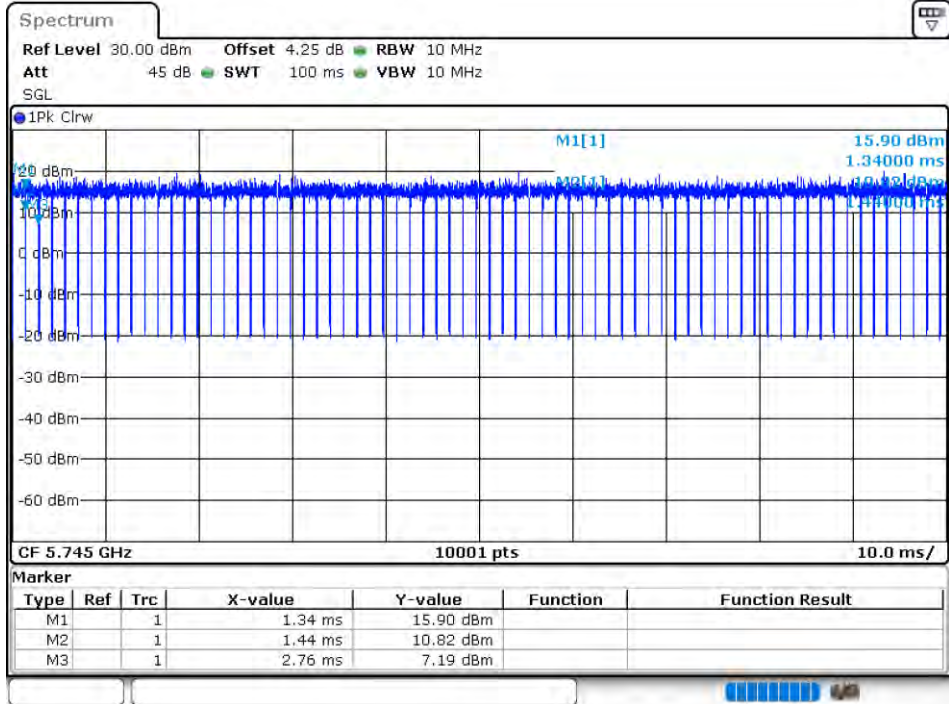
Duty Cycle NVNT n40 5755MHz Ant1



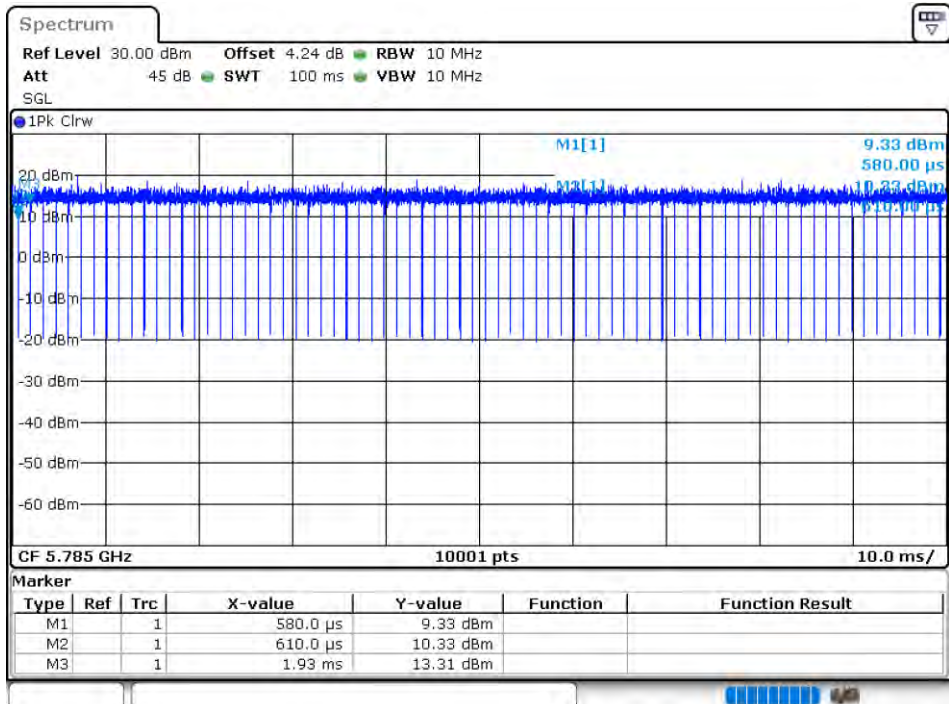
Duty Cycle NVNT n40 5795MHz Ant1



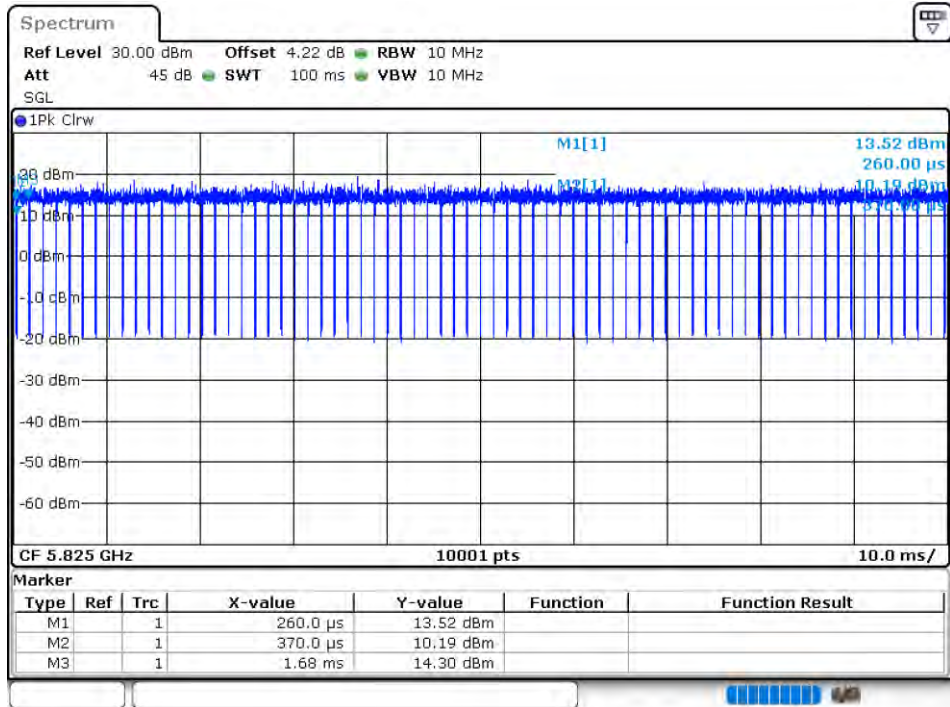
Duty Cycle NVNT ac20 5745MHz Ant1



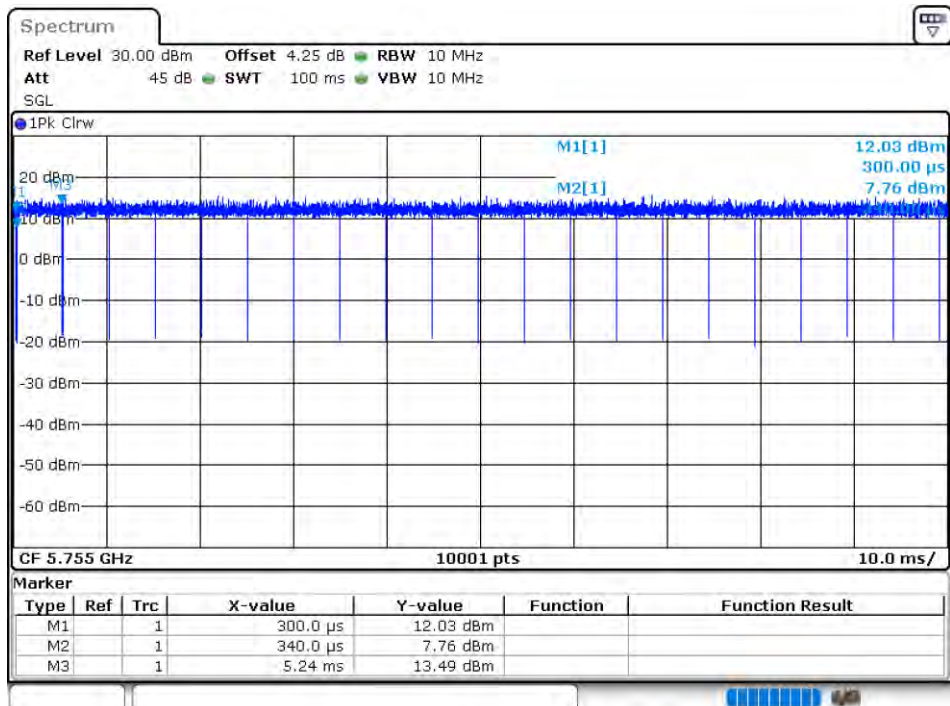
Duty Cycle NVNT ac20 5785MHz Ant1



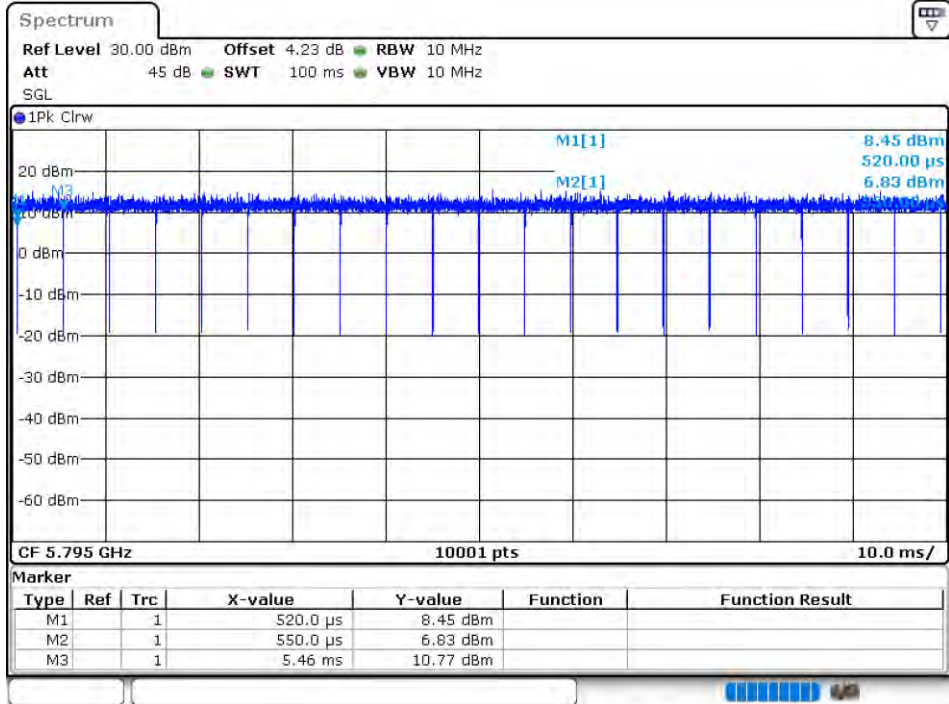
Duty Cycle NVNT ac20 5825MHz Ant1



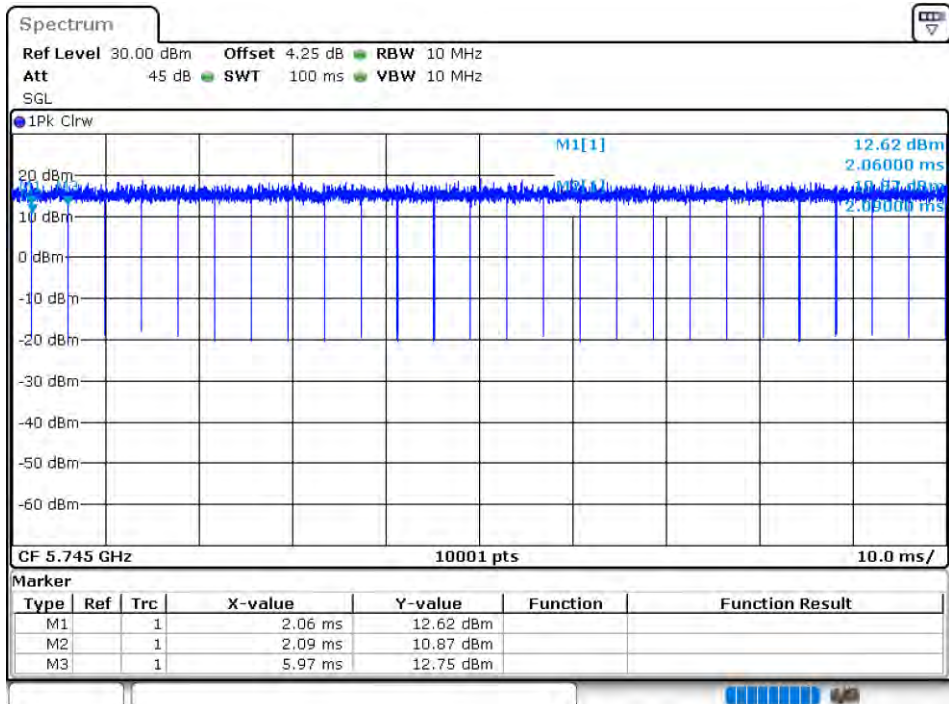
Duty Cycle NVNT ac40 5755MHz Ant1



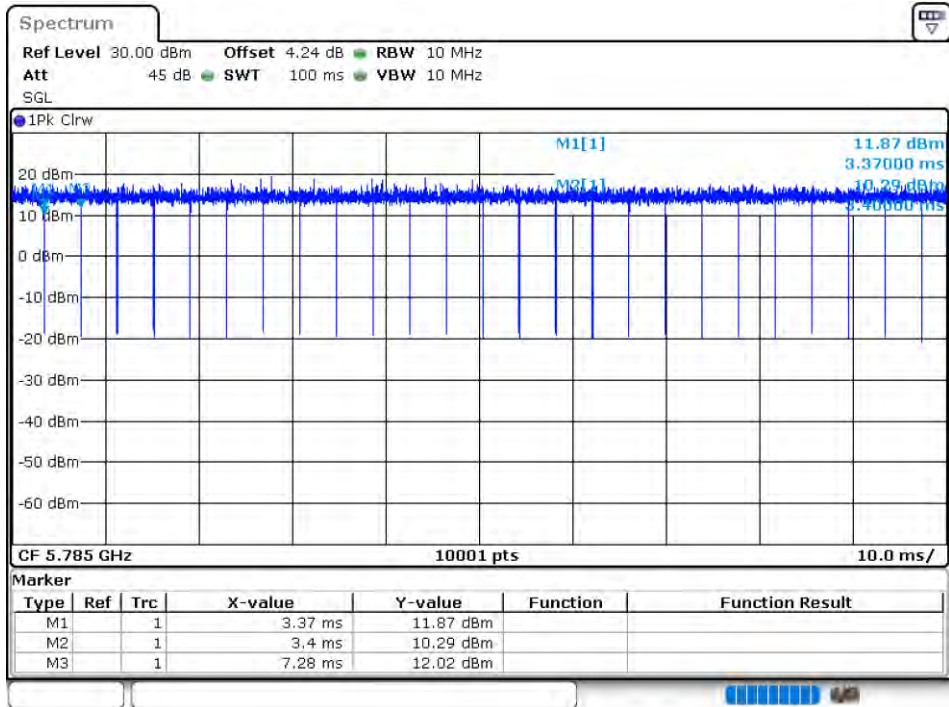
Duty Cycle NVNT ac40 5795MHz Ant1



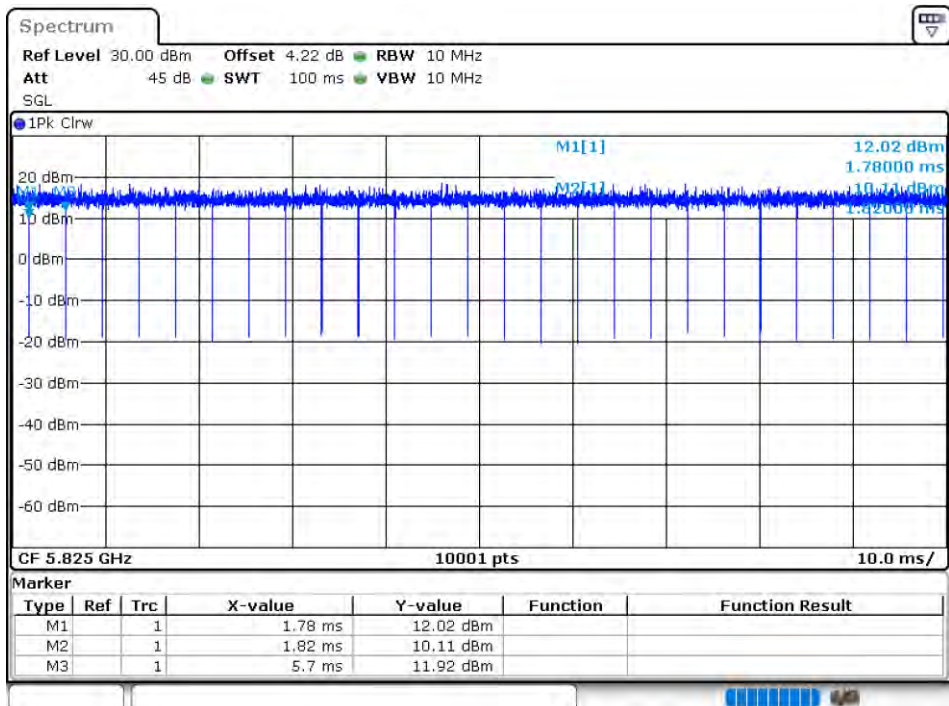
Duty Cycle NVNT ax20 5745MHz Ant1



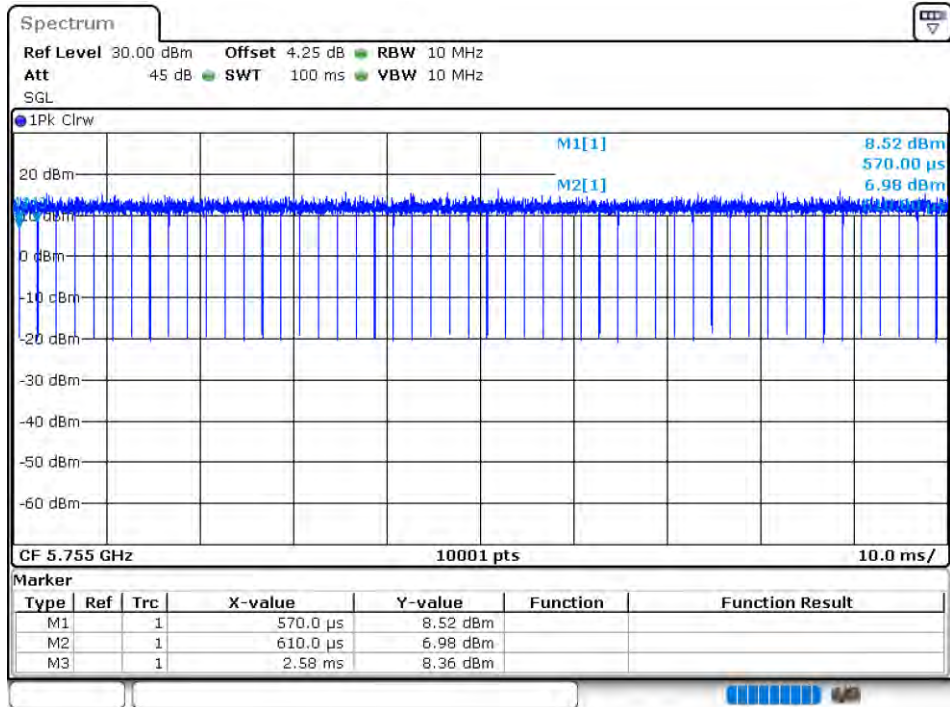
Duty Cycle NVNT ax20 5785MHz Ant1



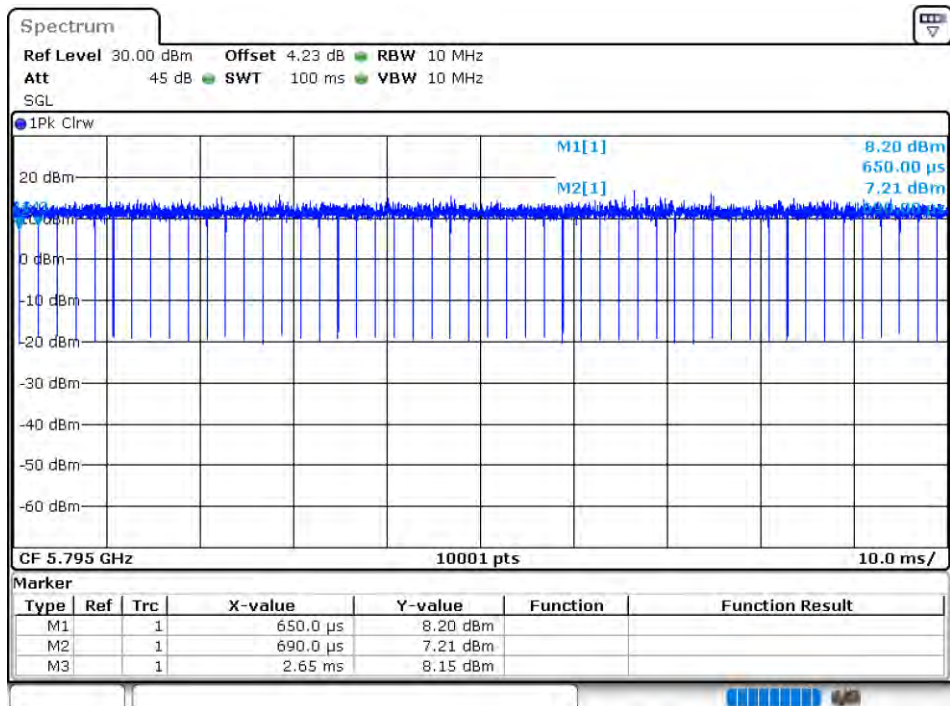
Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.45	30	Pass
NVNT	a	5785	Ant1	11.23	30	Pass
NVNT	a	5825	Ant1	10.75	30	Pass
NVNT	n20	5745	Ant1	11.33	30	Pass
NVNT	n20	5785	Ant1	11.39	30	Pass
NVNT	n20	5825	Ant1	10.89	30	Pass
NVNT	n40	5755	Ant1	11.48	30	Pass
NVNT	n40	5795	Ant1	11.22	30	Pass
NVNT	ac20	5745	Ant1	11.33	30	Pass
NVNT	ac20	5785	Ant1	11.55	30	Pass
NVNT	ac20	5825	Ant1	10.69	30	Pass
NVNT	ac40	5755	Ant1	11.32	30	Pass
NVNT	ac40	5795	Ant1	11.15	30	Pass
NVNT	ax20	5745	Ant1	11.36	30	Pass
NVNT	ax20	5785	Ant1	11.35	30	Pass
NVNT	ax20	5825	Ant1	10.65	30	Pass
NVNT	ax40	5755	Ant1	11.27	30	Pass
NVNT	ax40	5795	Ant1	11.16	30	Pass

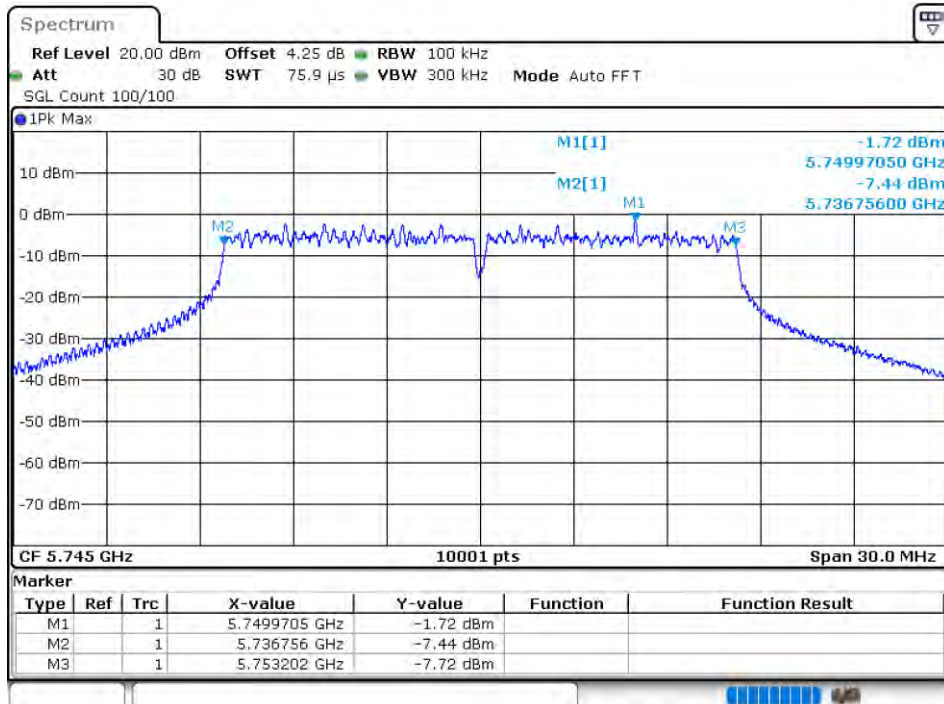
Note: The average power has contained duty cycle

-6dB Bandwidth

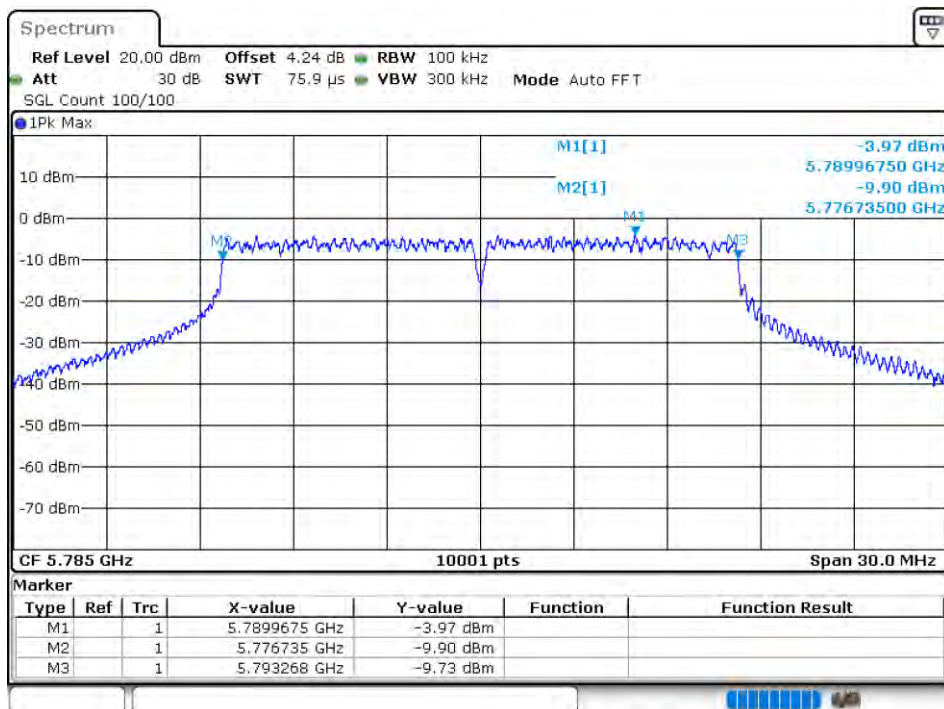
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.446	0.5	Pass
NVNT	a	5785	Ant1	16.533	0.5	Pass
NVNT	a	5825	Ant1	16.404	0.5	Pass
NVNT	n20	5745	Ant1	17.568	0.5	Pass
NVNT	n20	5785	Ant1	17.586	0.5	Pass
NVNT	n20	5825	Ant1	17.637	0.5	Pass
NVNT	n40	5755	Ant1	36.348	0.5	Pass
NVNT	n40	5795	Ant1	36.54	0.5	Pass
NVNT	ac20	5745	Ant1	17.577	0.5	Pass
NVNT	ac20	5785	Ant1	17.586	0.5	Pass
NVNT	ac20	5825	Ant1	17.691	0.5	Pass
NVNT	ac40	5755	Ant1	36.324	0.5	Pass
NVNT	ac40	5795	Ant1	36.336	0.5	Pass
NVNT	ax20	5745	Ant1	19.05	0.5	Pass
NVNT	ax20	5785	Ant1	18.915	0.5	Pass
NVNT	ax20	5825	Ant1	19.17	0.5	Pass
NVNT	ax40	5755	Ant1	37.986	0.5	Pass
NVNT	ax40	5795	Ant1	38.178	0.5	Pass

Test Graphs

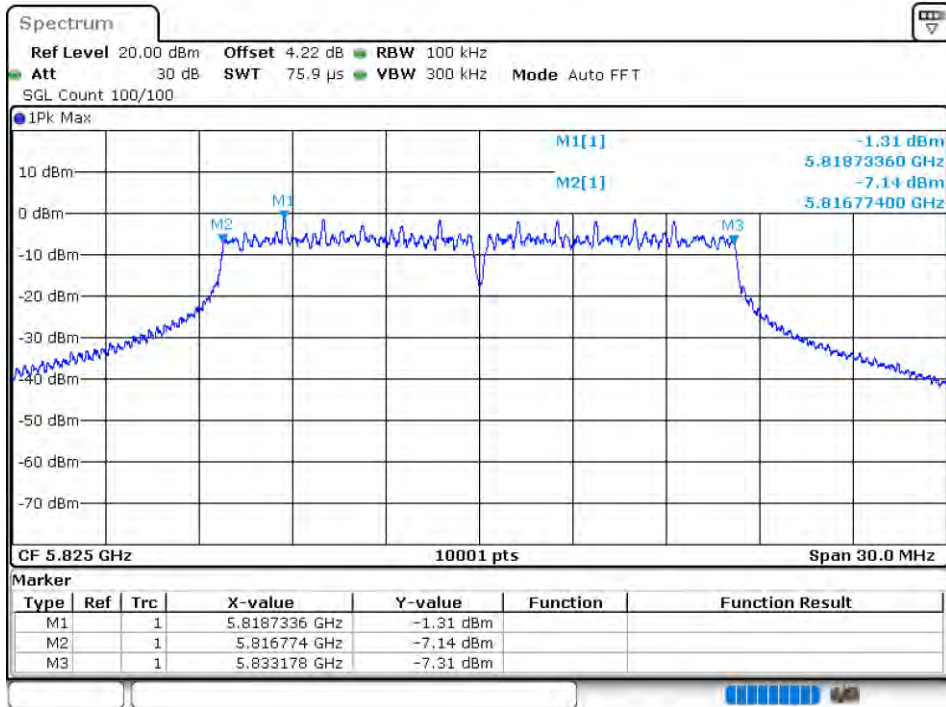
-6dB Bandwidth NVNT a 5745MHz Ant1



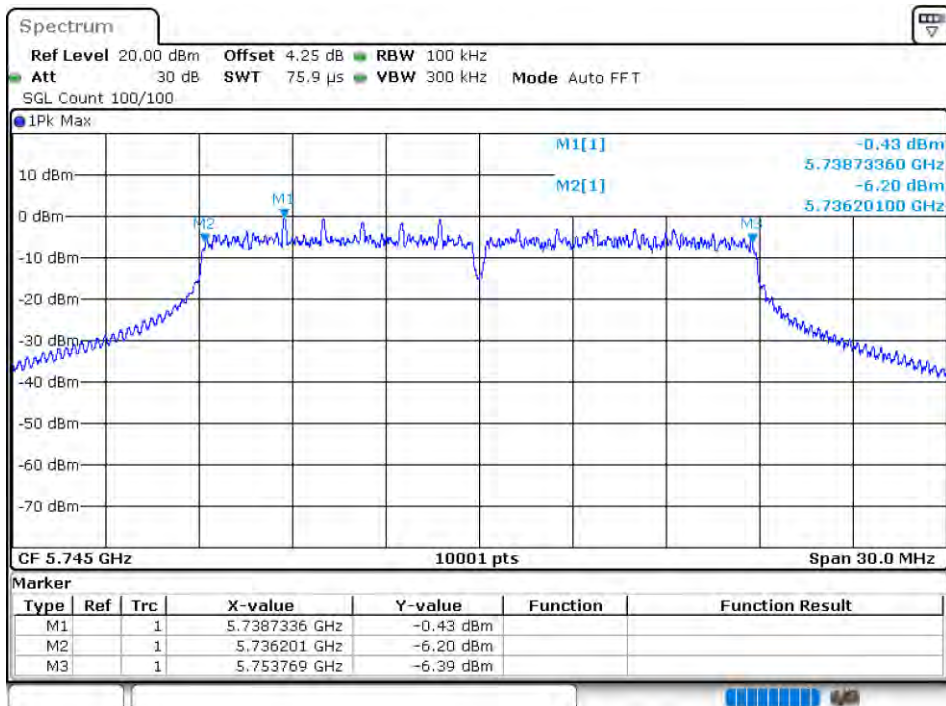
-6dB Bandwidth NVNT a 5785MHz Ant1



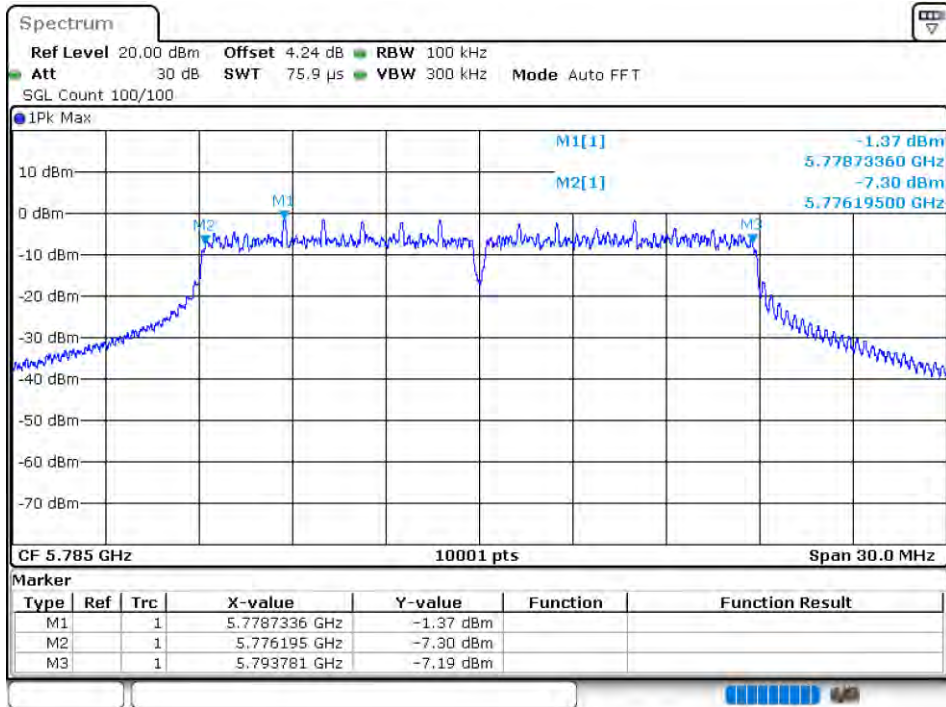
-6dB Bandwidth NVNT a 5825MHz Ant1



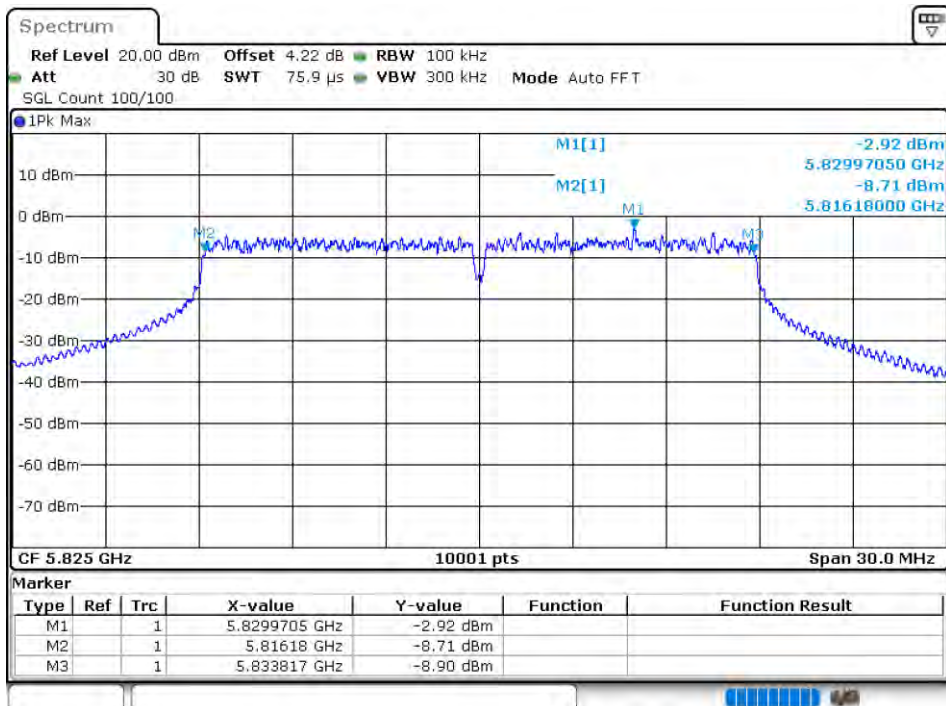
-6dB Bandwidth NVNT n20 5745MHz Ant1



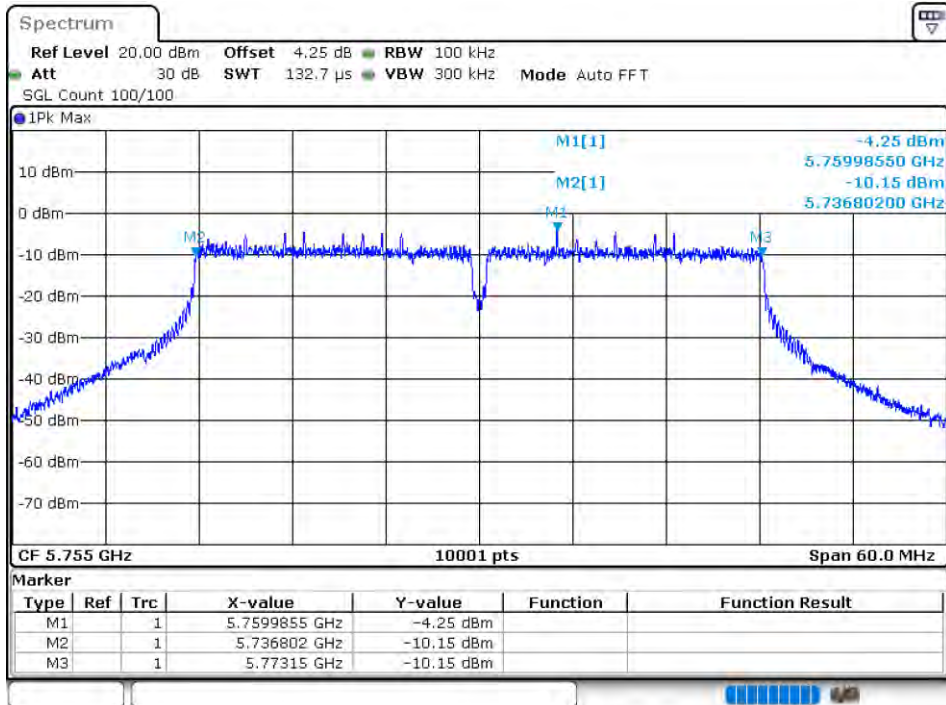
-6dB Bandwidth NVNT n20 5785MHz Ant1



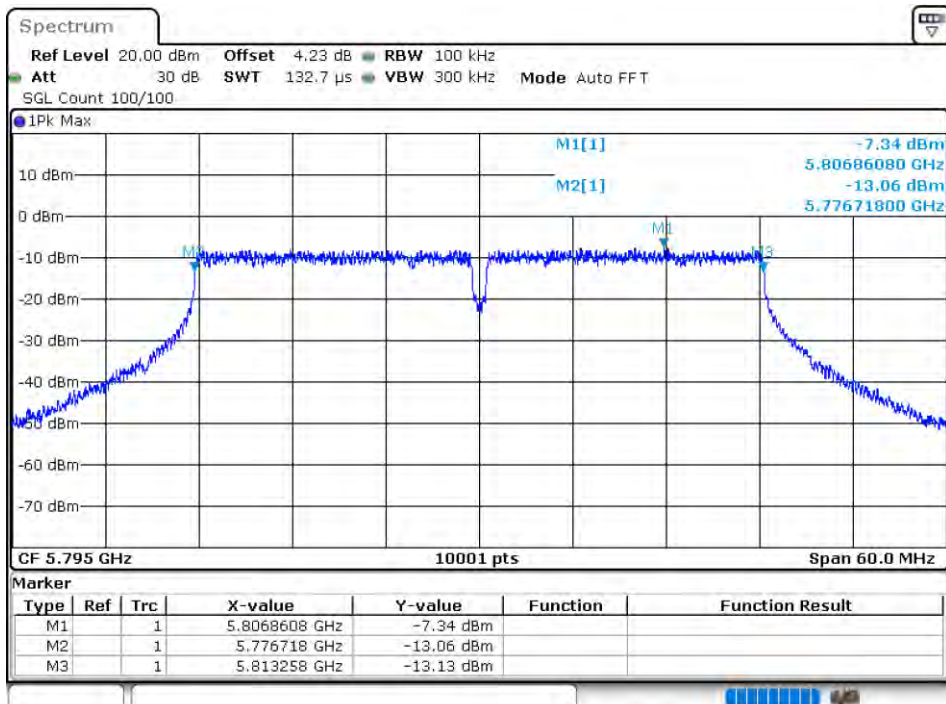
-6dB Bandwidth NVNT n20 5825MHz Ant1



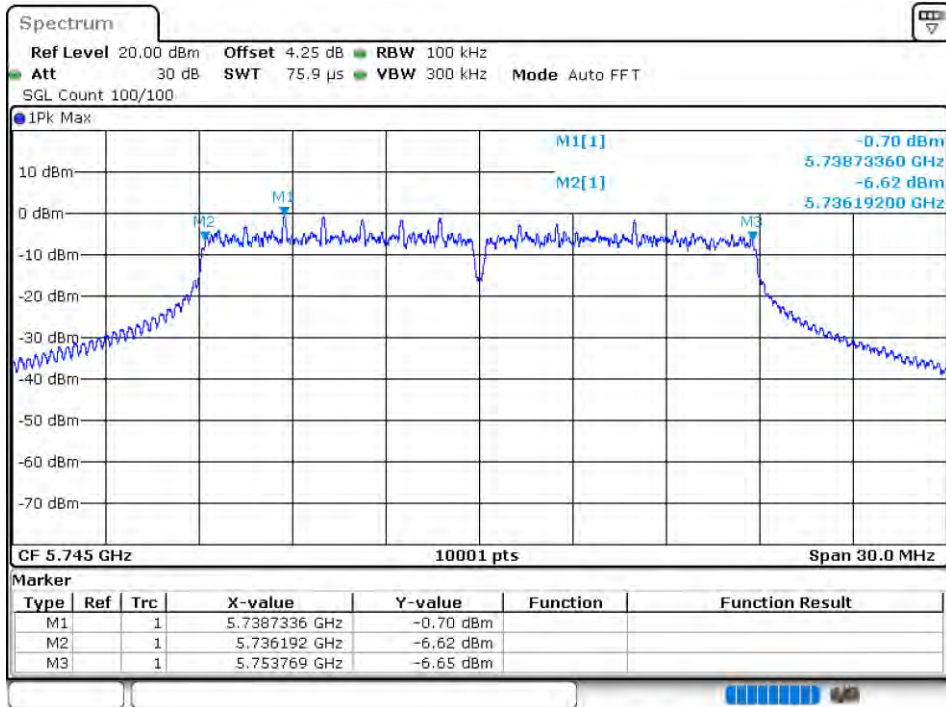
-6dB Bandwidth NVNT n40 5755MHz Ant1



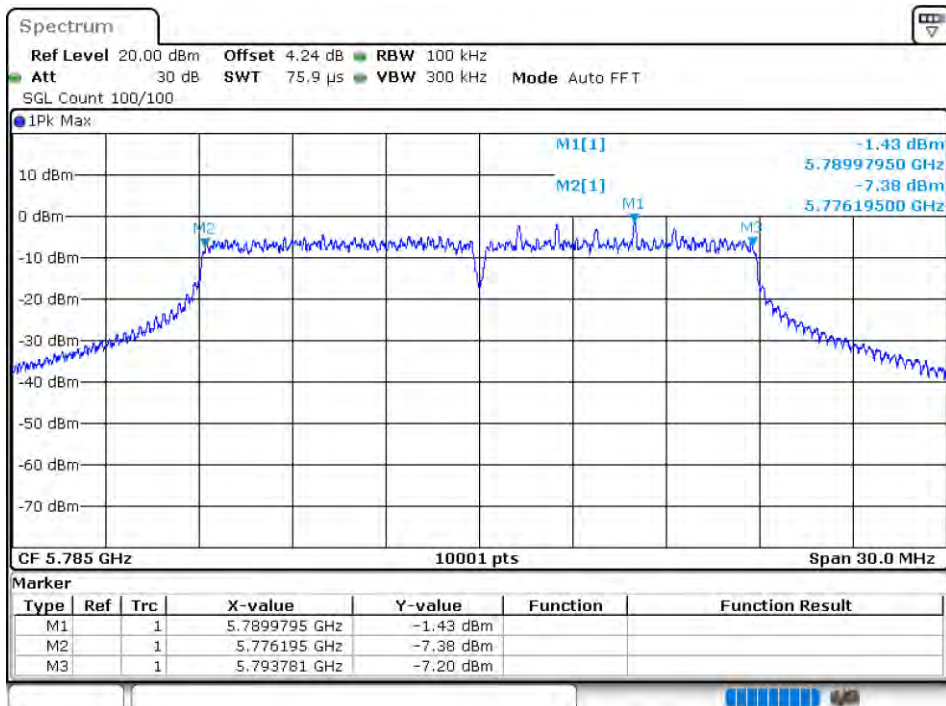
-6dB Bandwidth NVNT n40 5795MHz Ant1

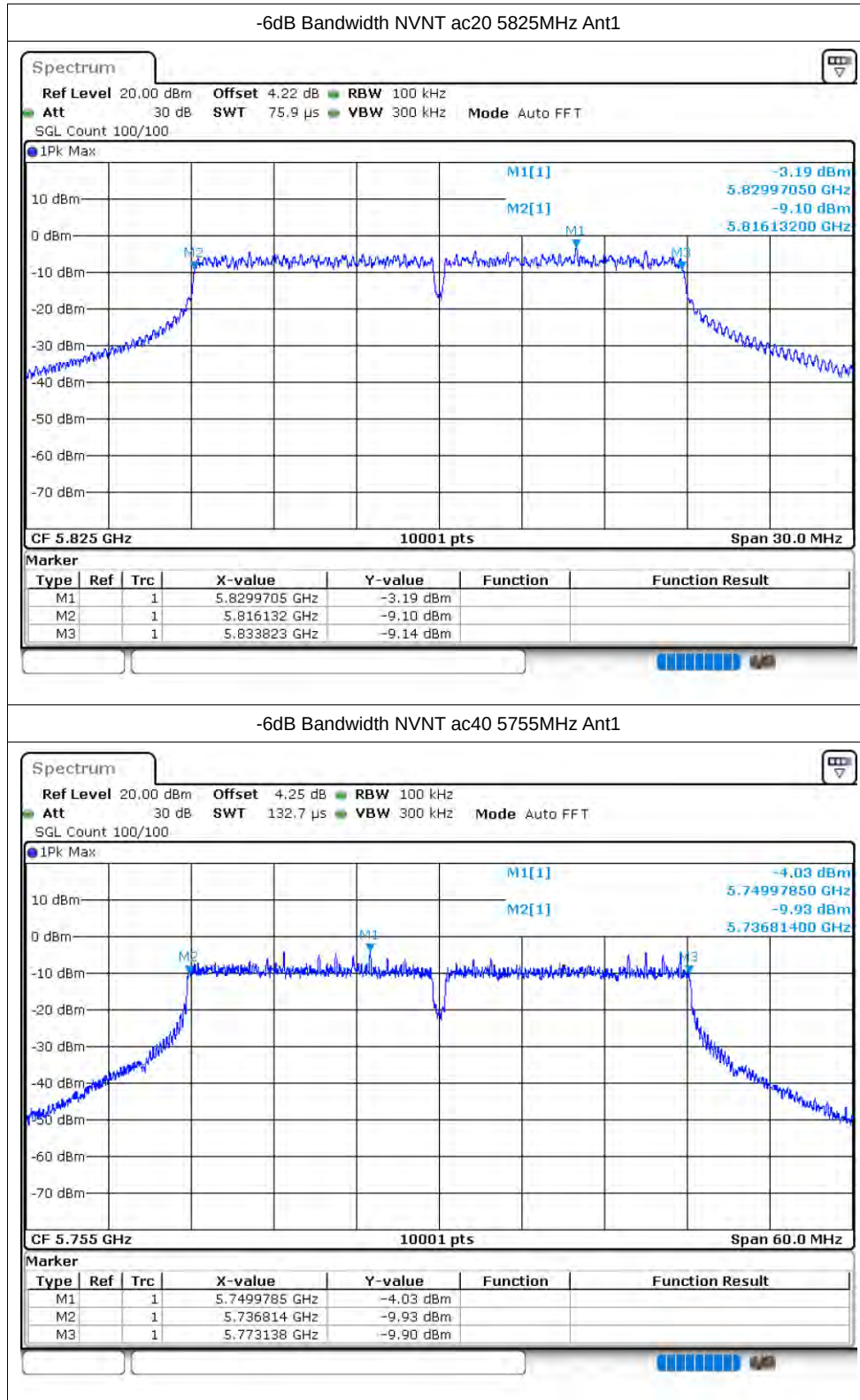


-6dB Bandwidth NVNT ac20 5745MHz Ant1

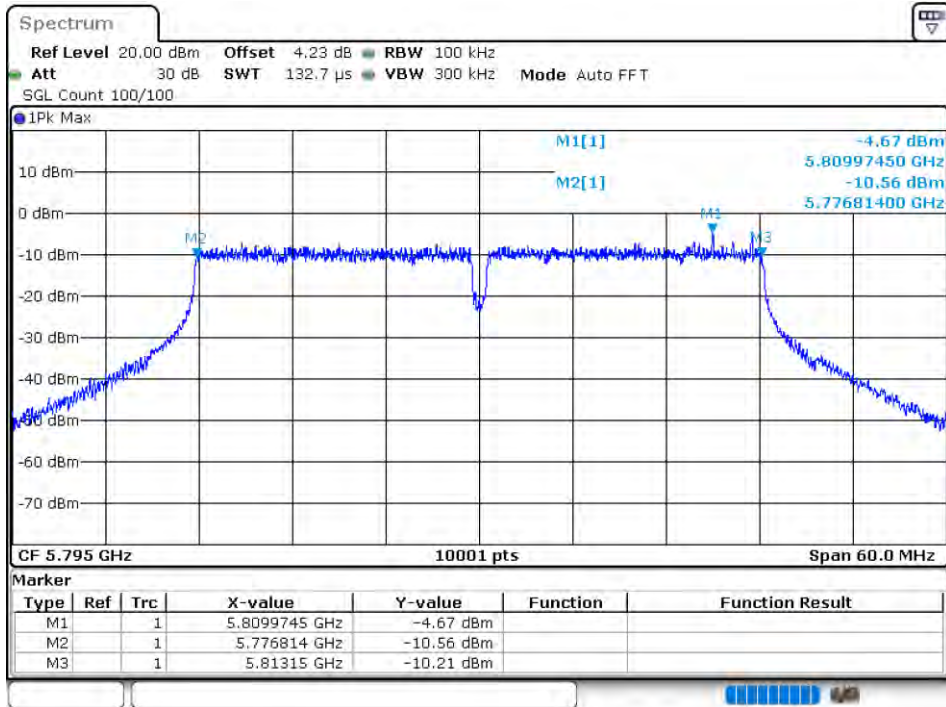


-6dB Bandwidth NVNT ac20 5785MHz Ant1

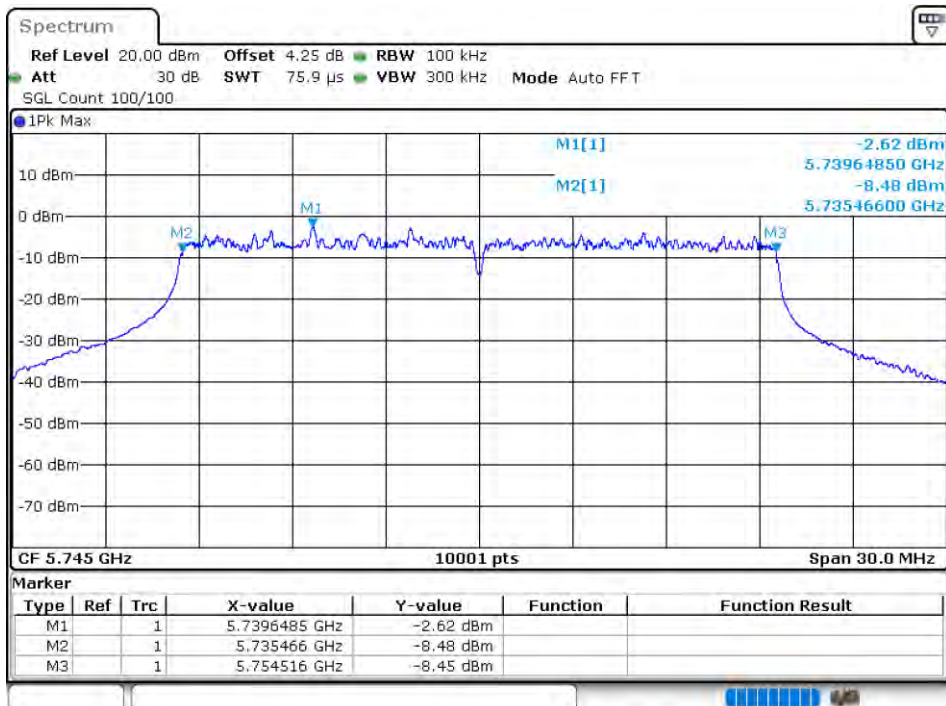




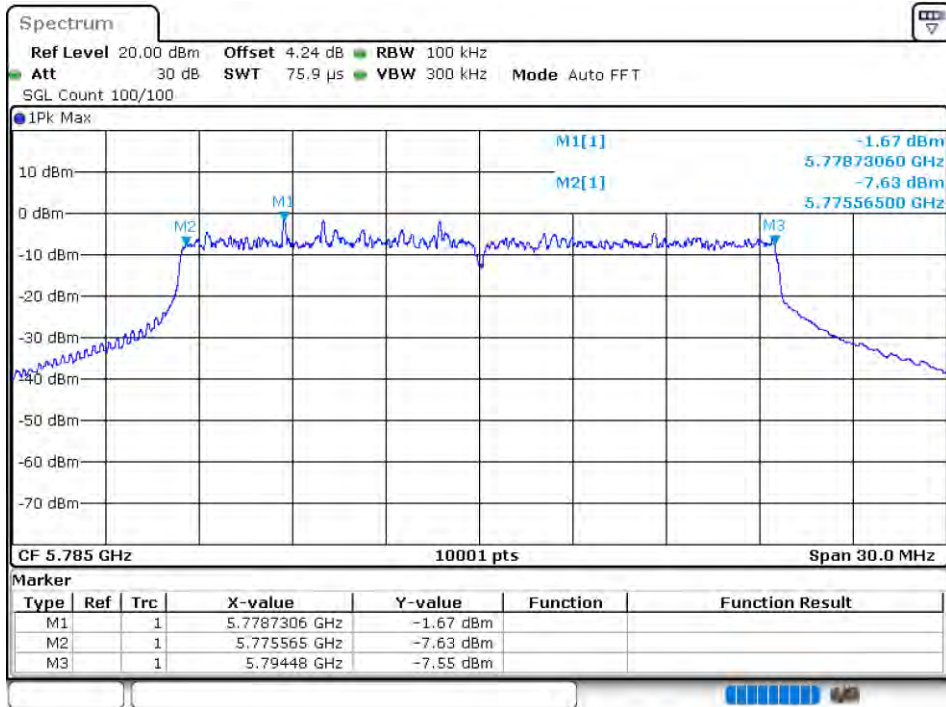
-6dB Bandwidth NVNT ac40 5795MHz Ant1



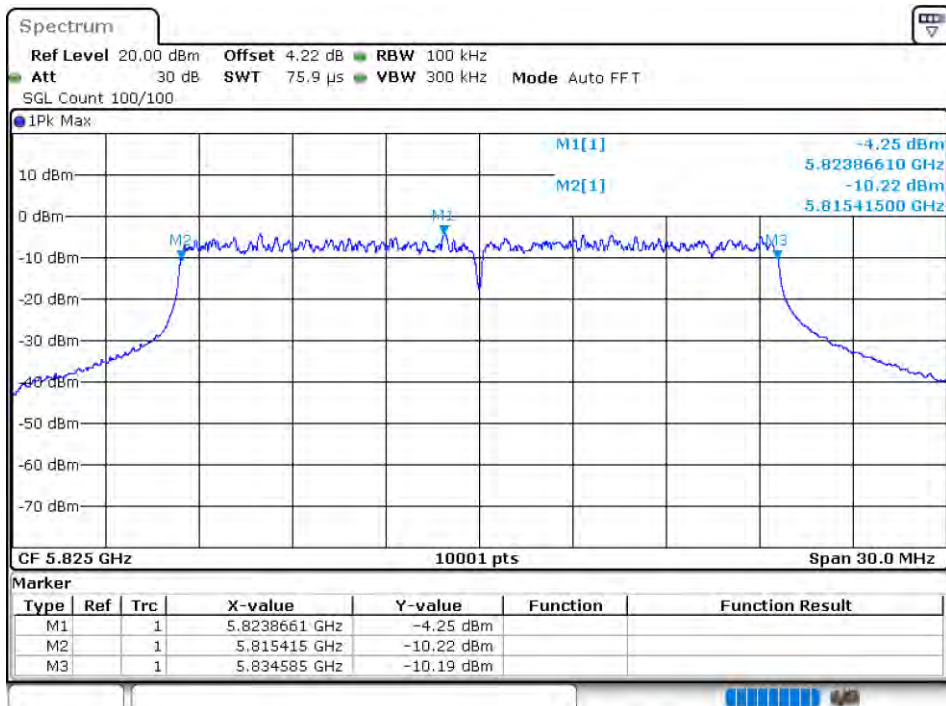
-6dB Bandwidth NVNT ax20 5745MHz Ant1



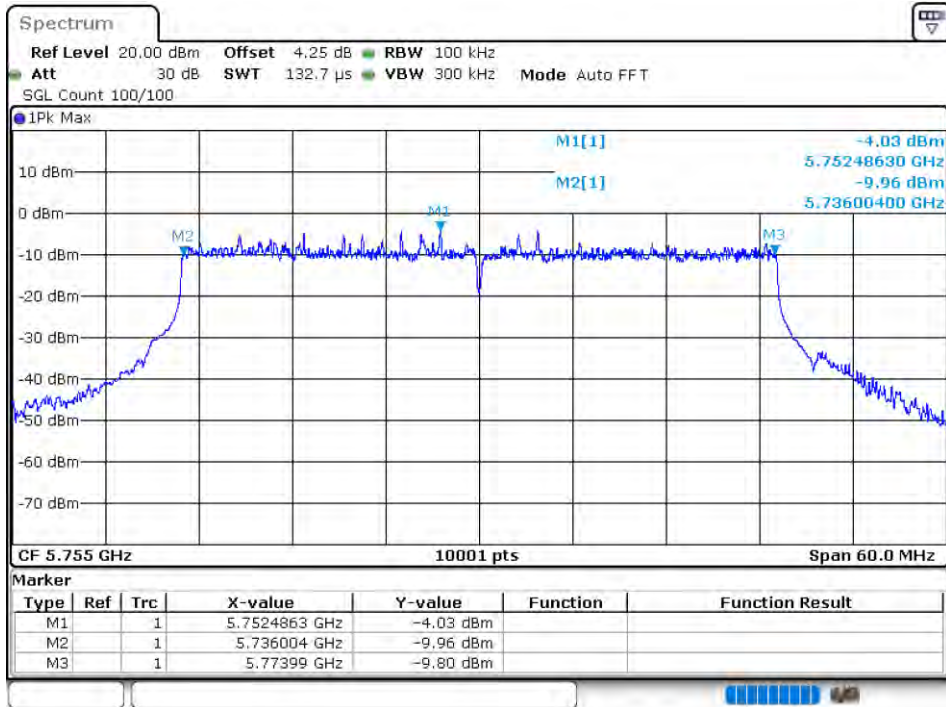
-6dB Bandwidth NVNT ax20 5785MHz Ant1



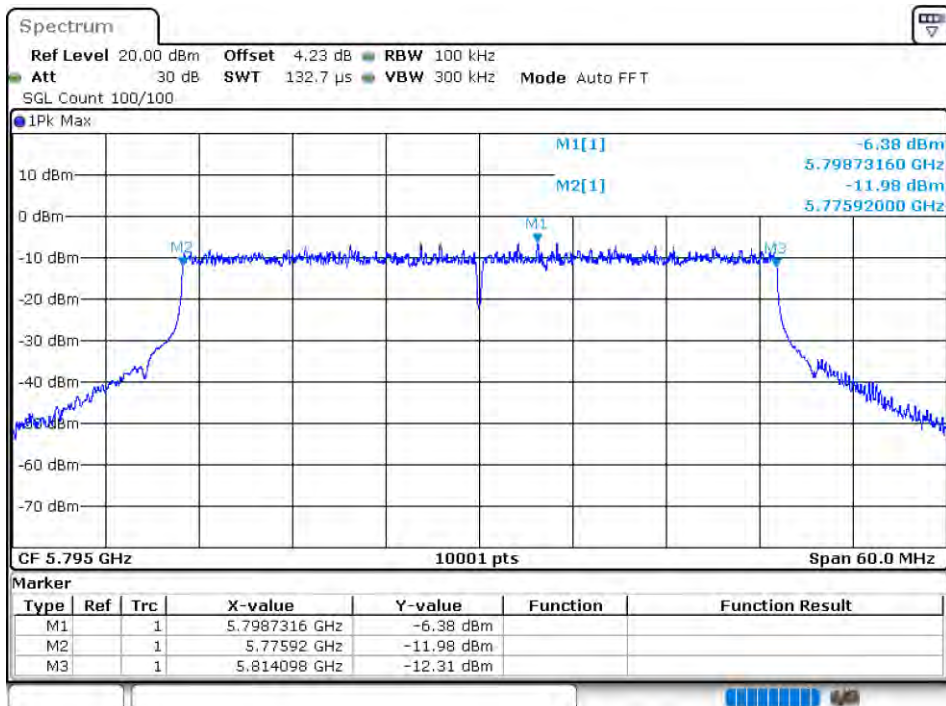
-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1

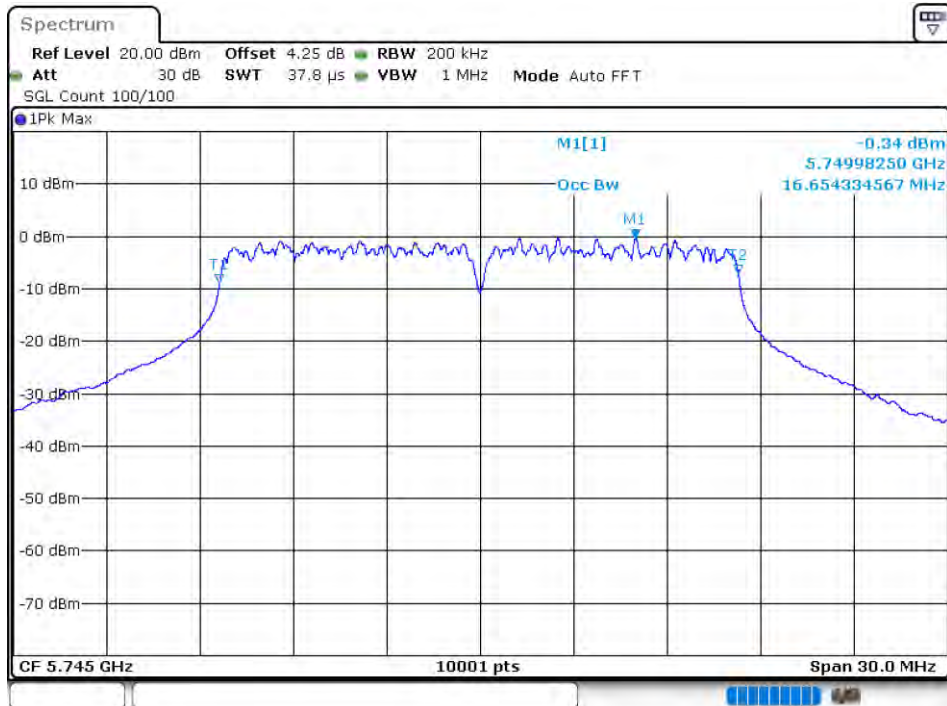


Occupied Channel Bandwidth

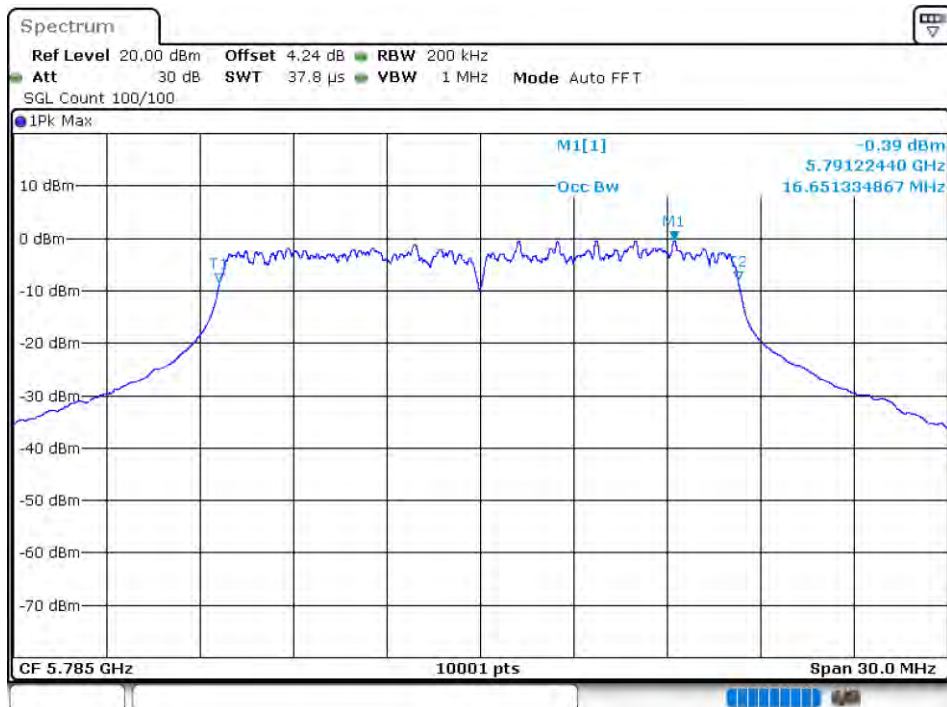
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.654
NVNT	a	5785	Ant1	16.651
NVNT	a	5825	Ant1	16.972
NVNT	n20	5745	Ant1	18.319
NVNT	n20	5785	Ant1	17.932
NVNT	n20	5825	Ant1	17.929
NVNT	n40	5755	Ant1	36.86
NVNT	n40	5795	Ant1	36.812
NVNT	ac20	5745	Ant1	17.728
NVNT	ac20	5785	Ant1	17.827
NVNT	ac20	5825	Ant1	17.932
NVNT	ac40	5755	Ant1	36.89
NVNT	ac40	5795	Ant1	36.836
NVNT	ax20	5745	Ant1	19.03
NVNT	ax20	5785	Ant1	19.069
NVNT	ax20	5825	Ant1	19.063
NVNT	ax40	5755	Ant1	38.096
NVNT	ax40	5795	Ant1	38.108

Test Graphs

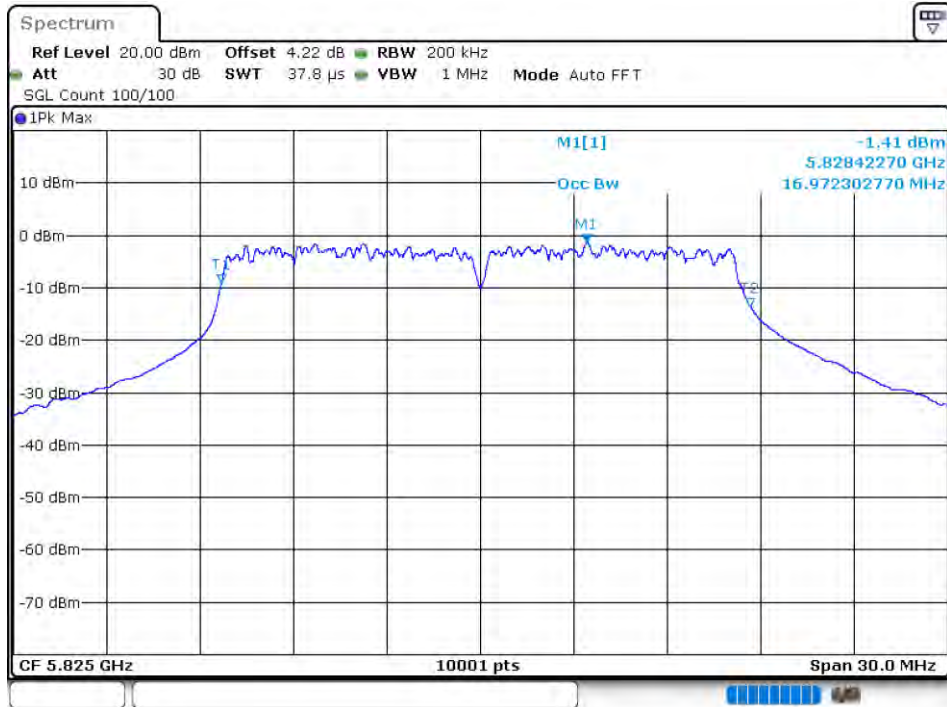
OBW NVNT a 5745MHz Ant1



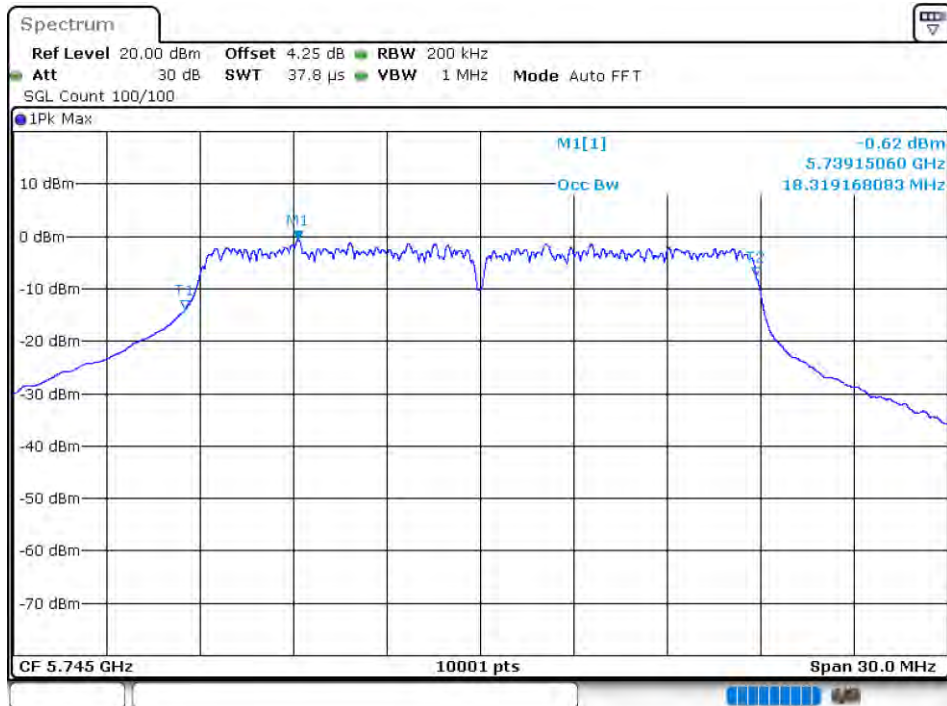
OBW NVNT a 5785MHz Ant1

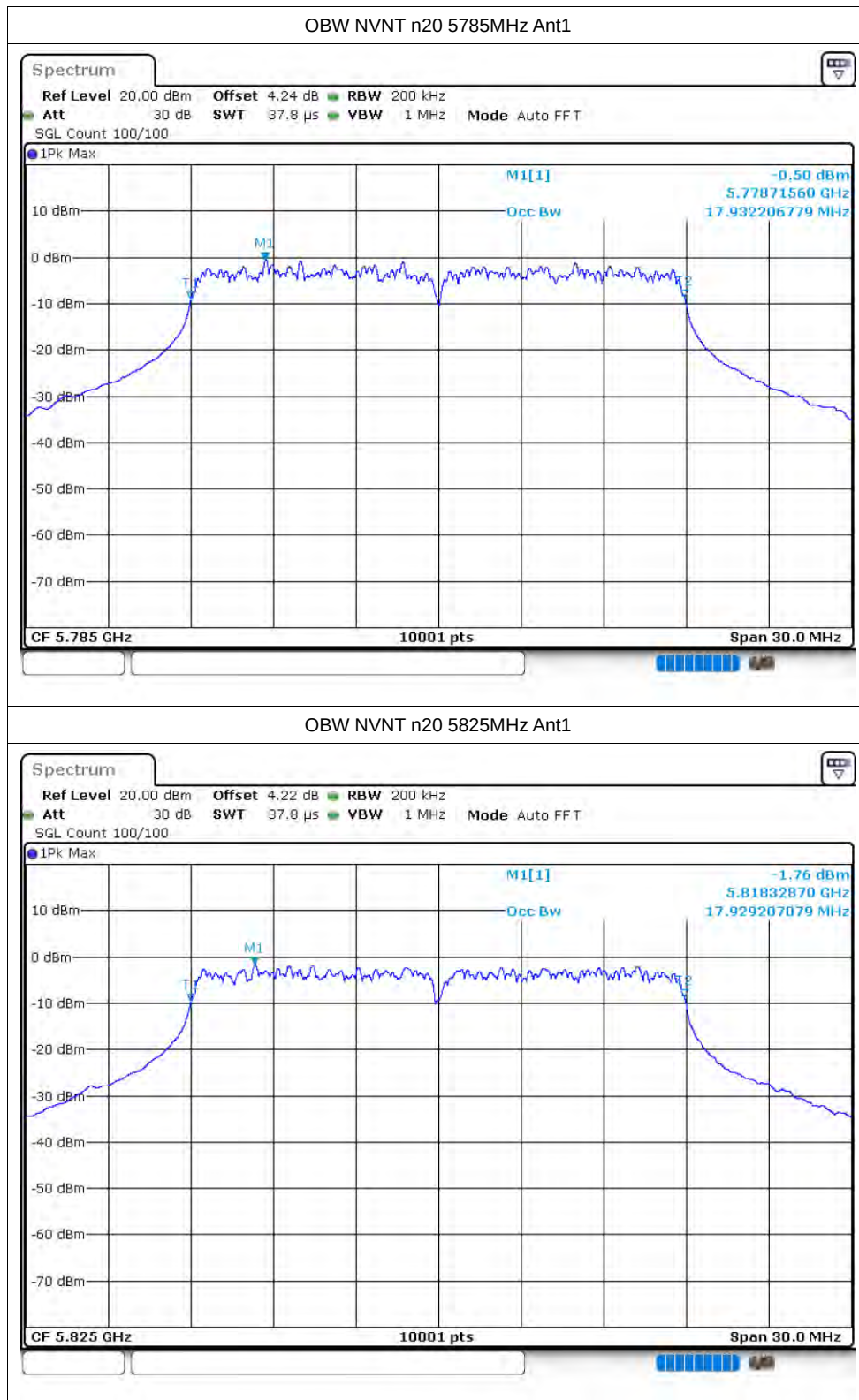


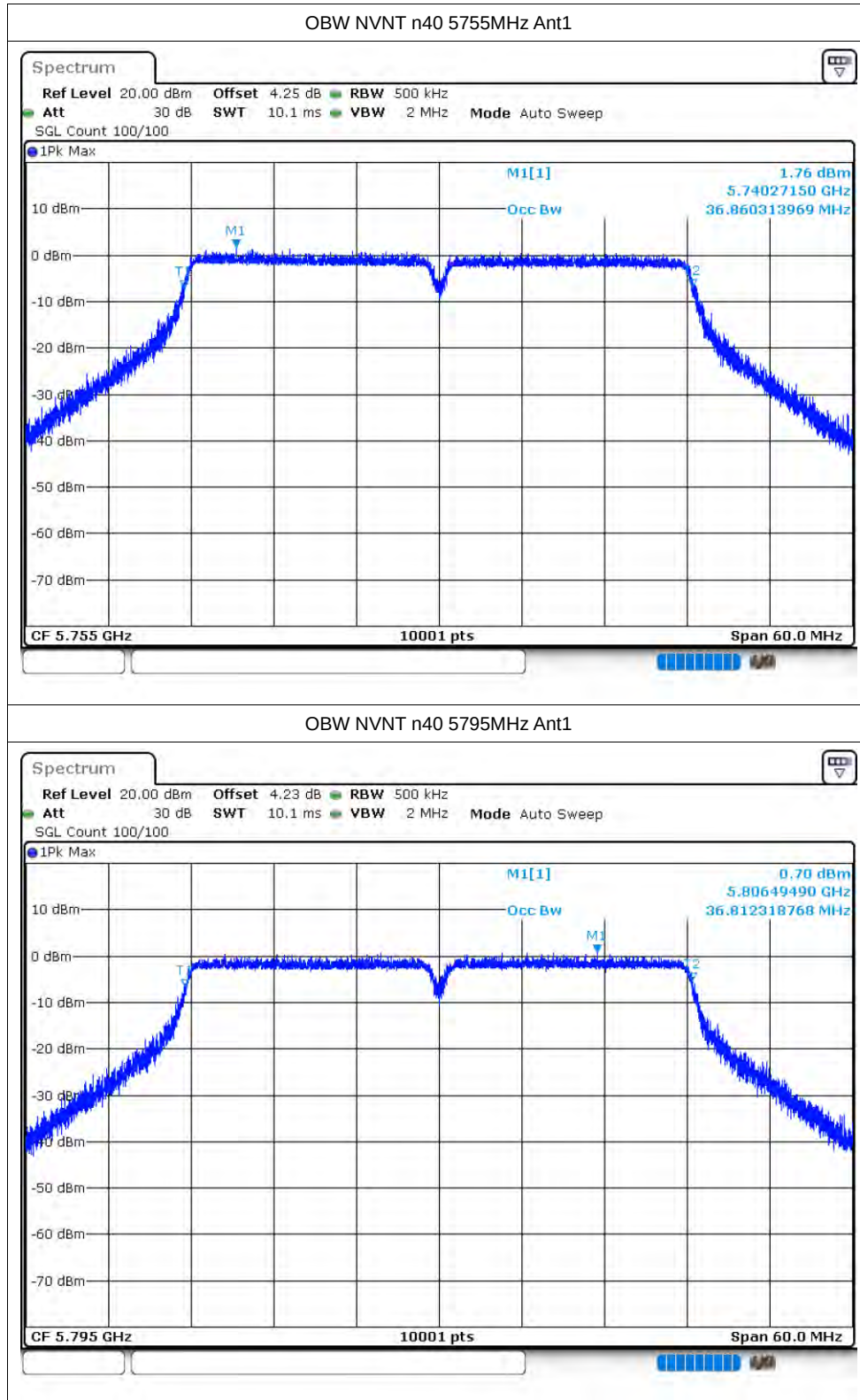
OBW NVNT a 5825MHz Ant1



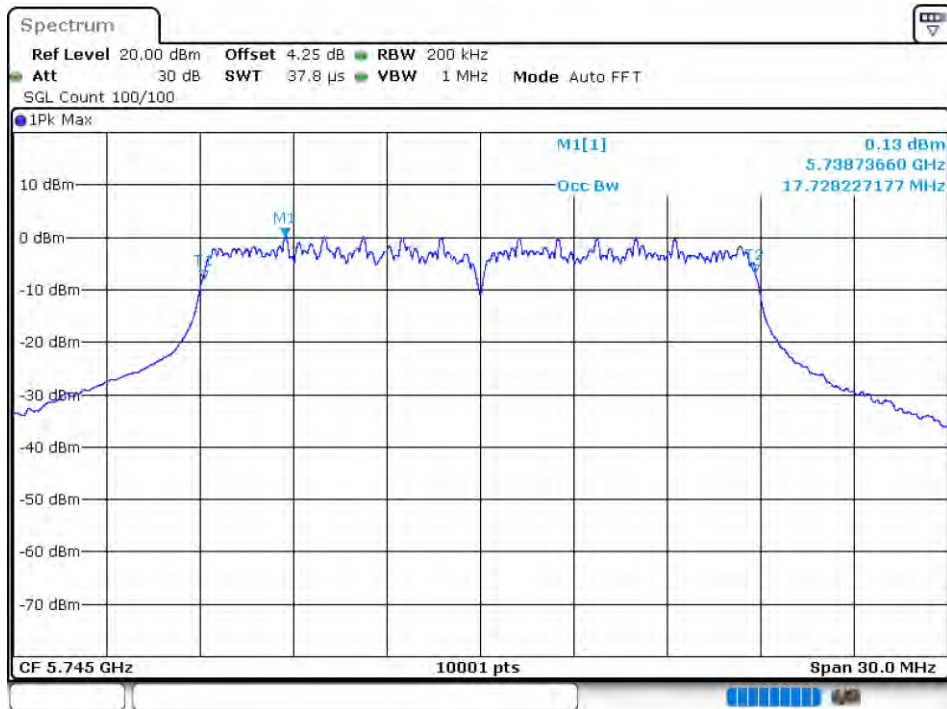
OBW NVNT n20 5745MHz Ant1



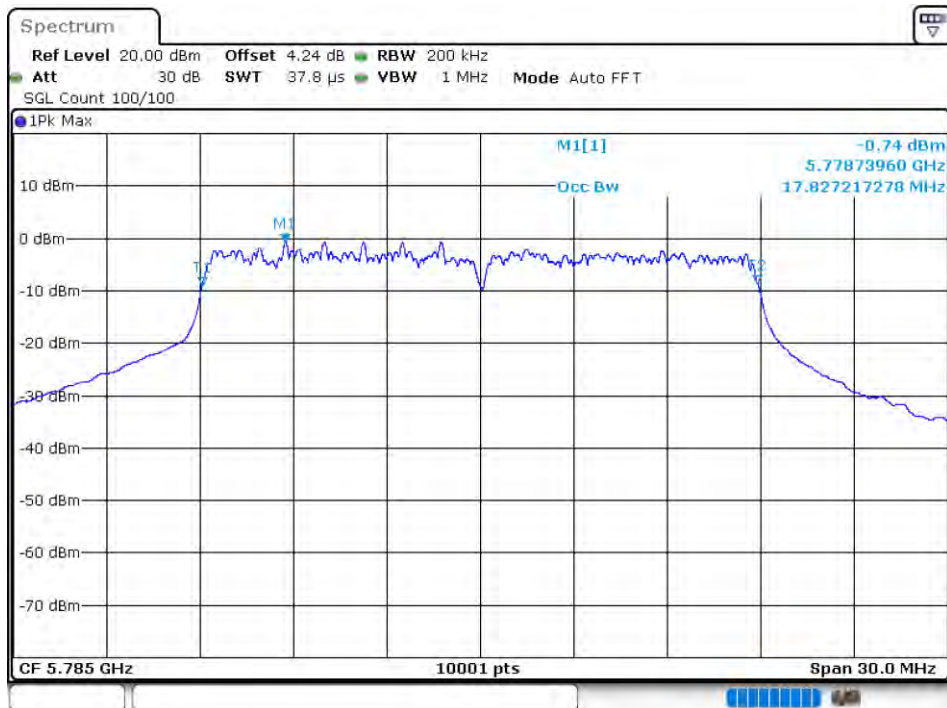




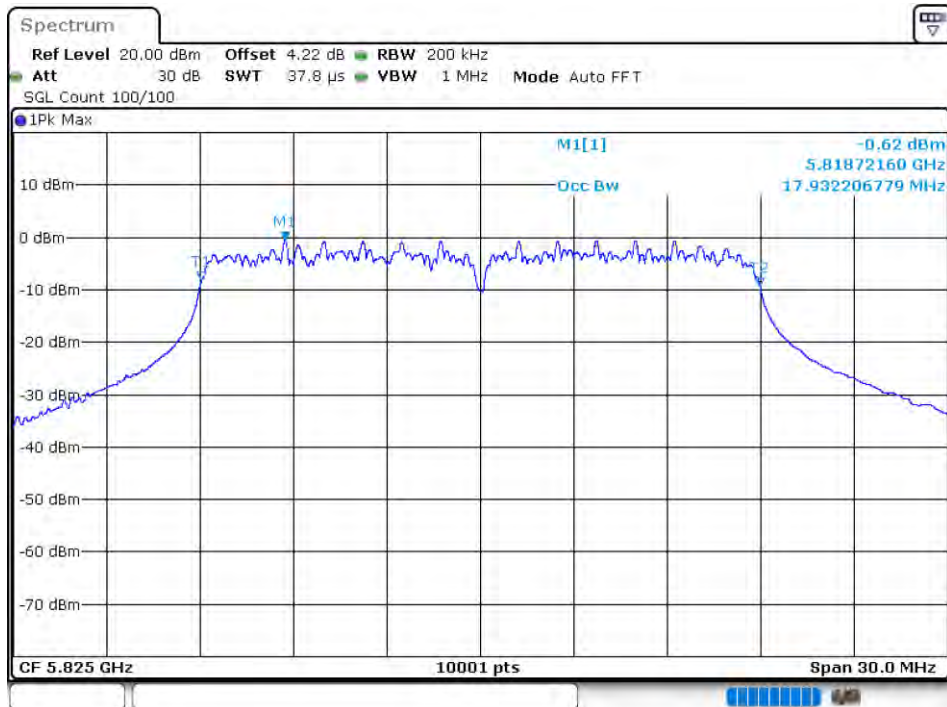
OBW NVNT ac20 5745MHz Ant1



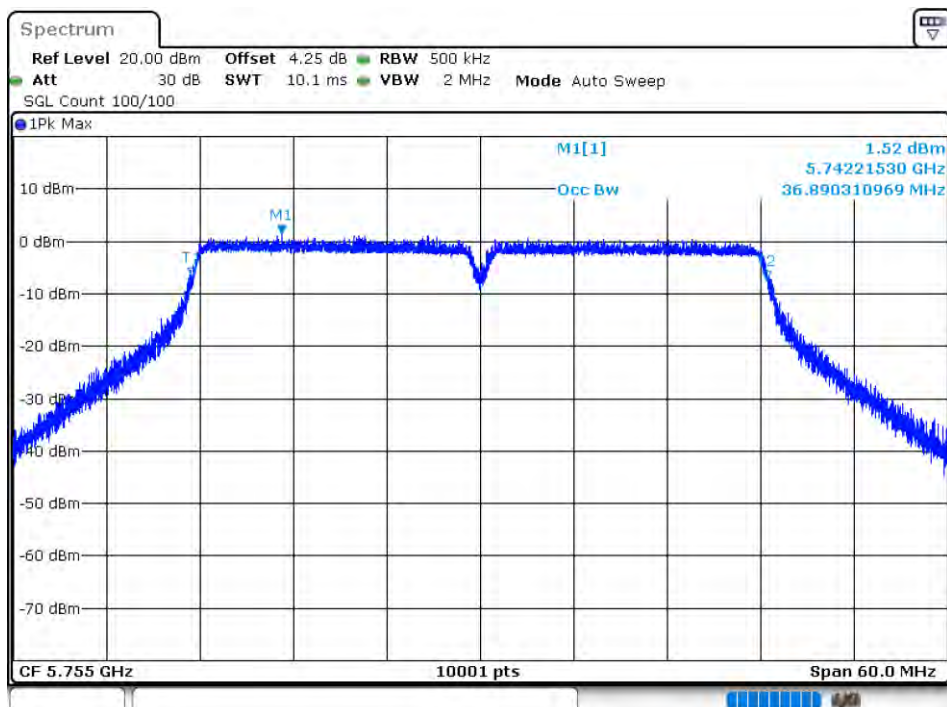
OBW NVNT ac20 5785MHz Ant1



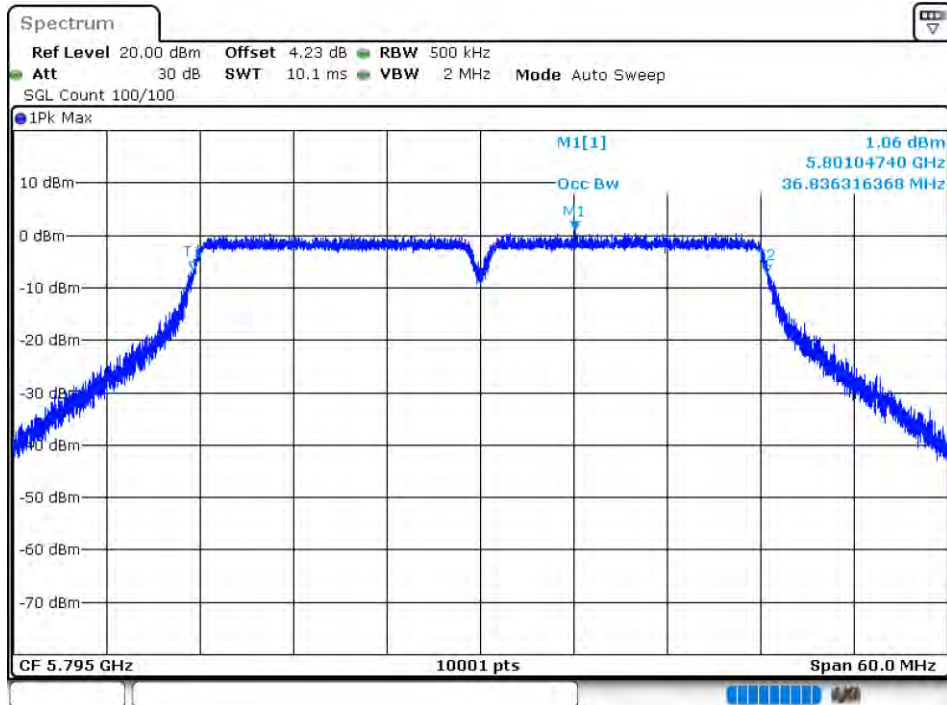
OBW NVNT ac20 5825MHz Ant1



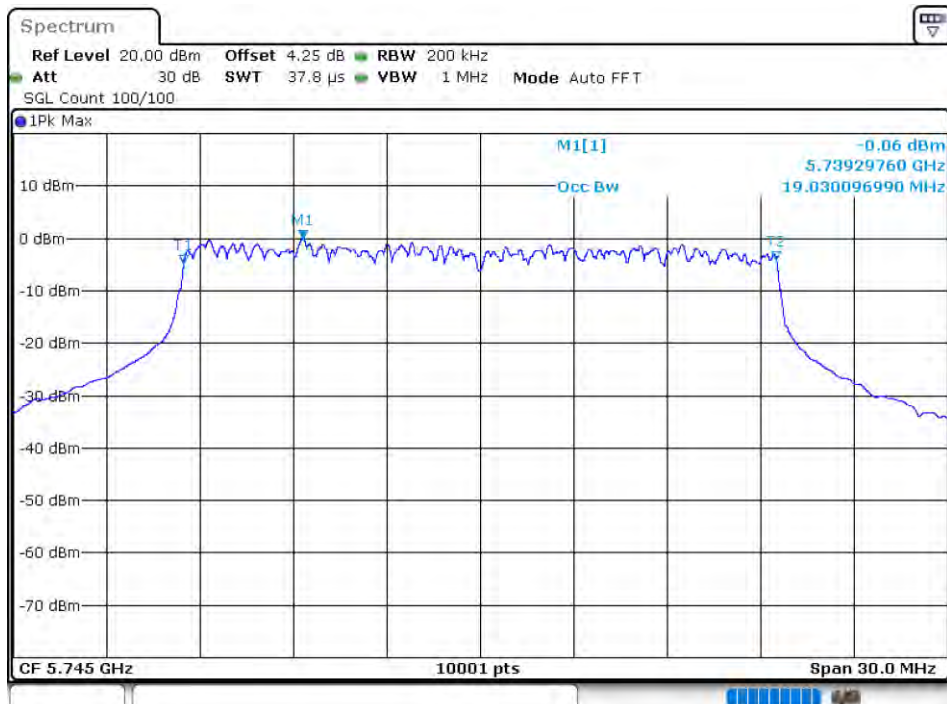
OBW NVNT ac40 5755MHz Ant1



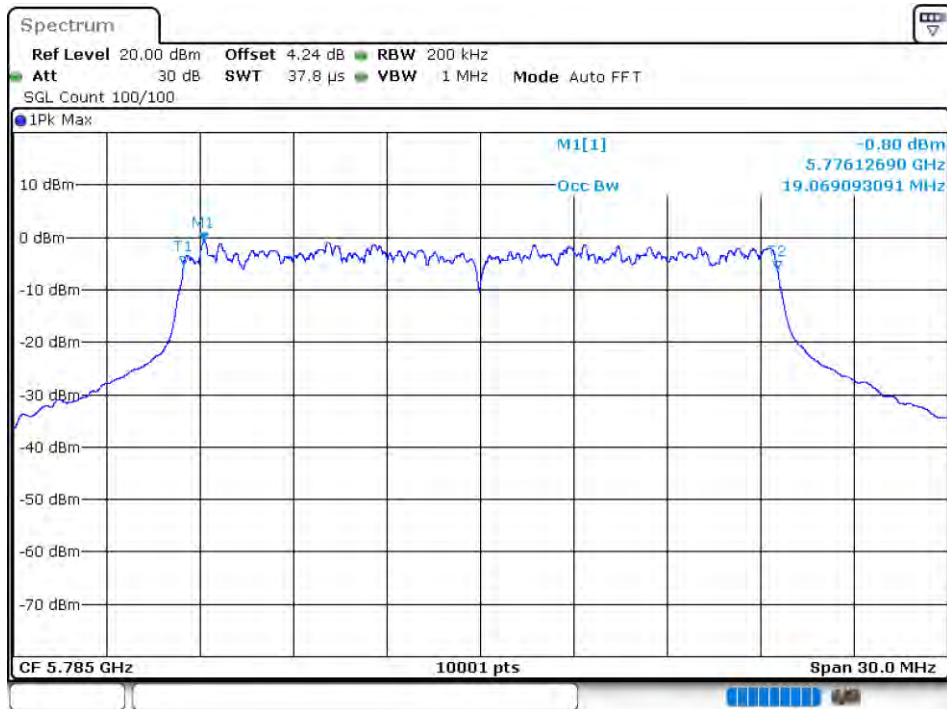
OBW NVNT ac40 5795MHz Ant1



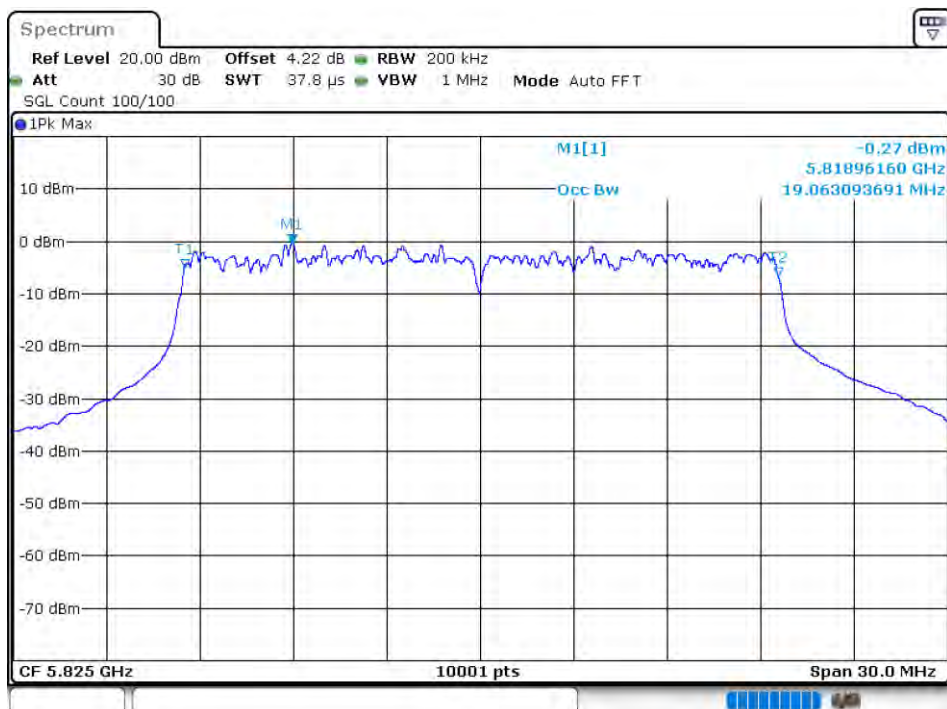
OBW NVNT ax20 5745MHz Ant1

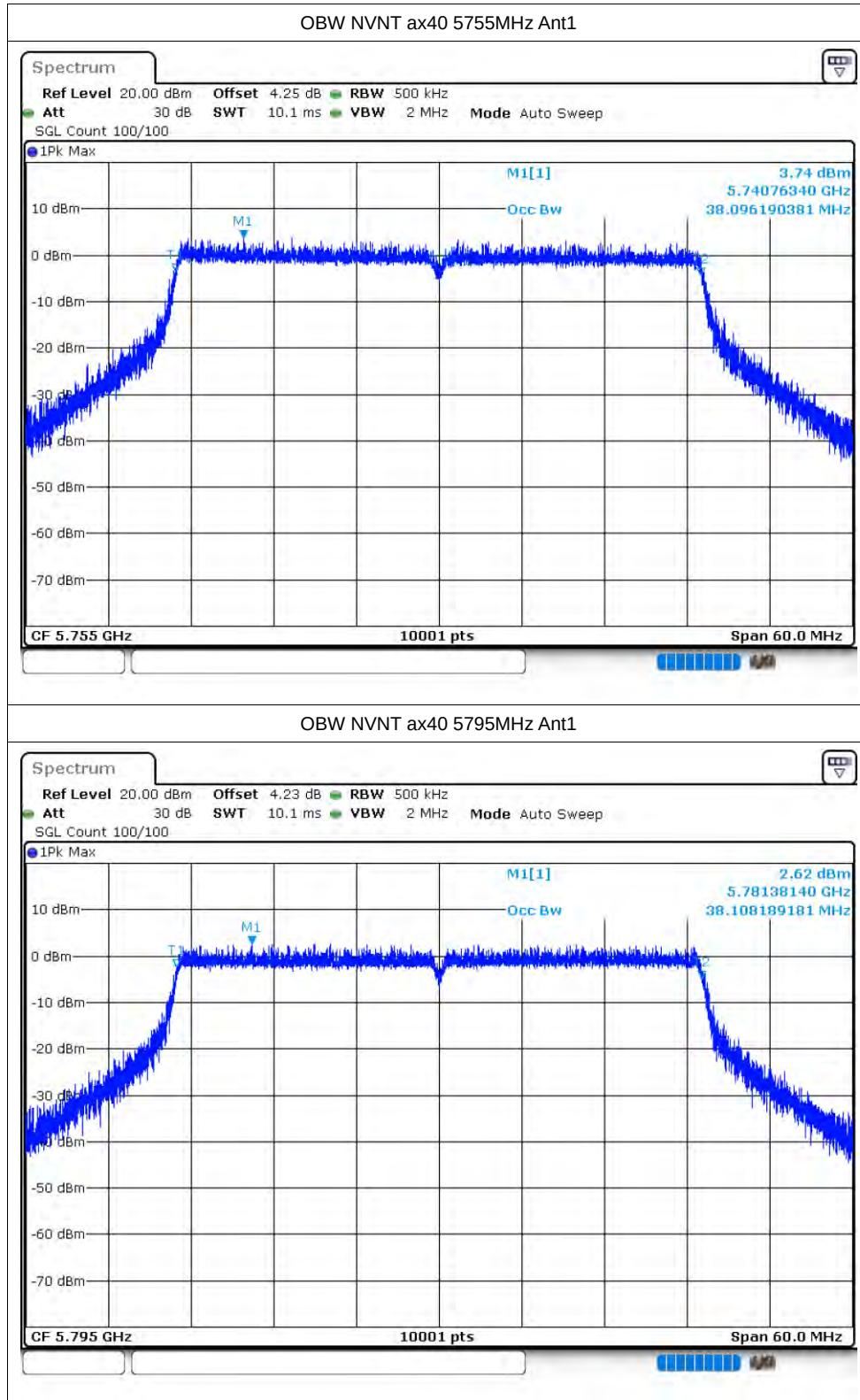


OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



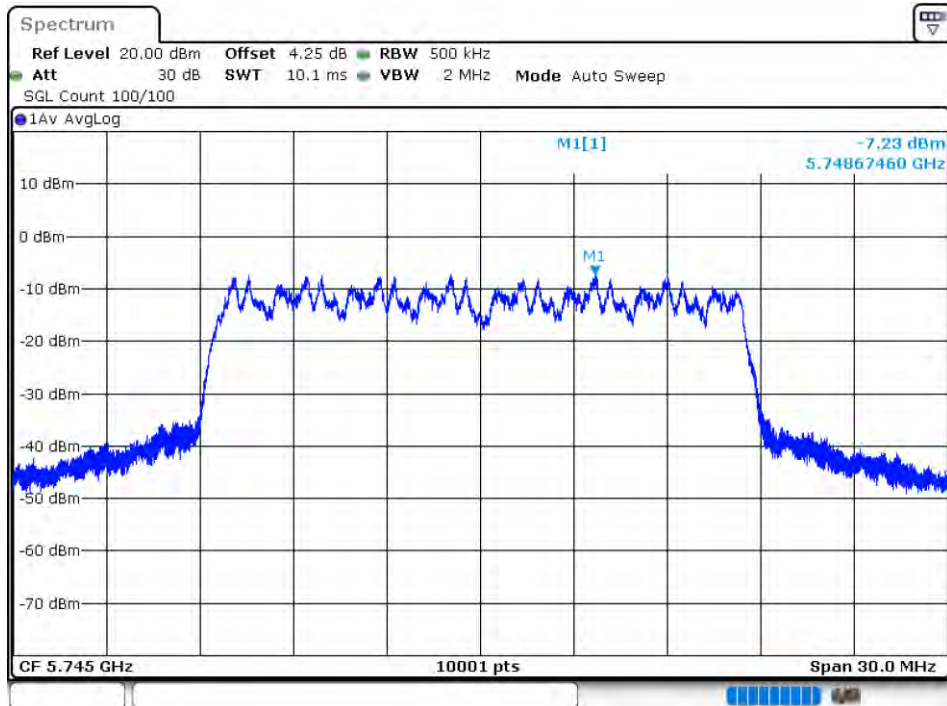


Maximum Power Spectral Density Level

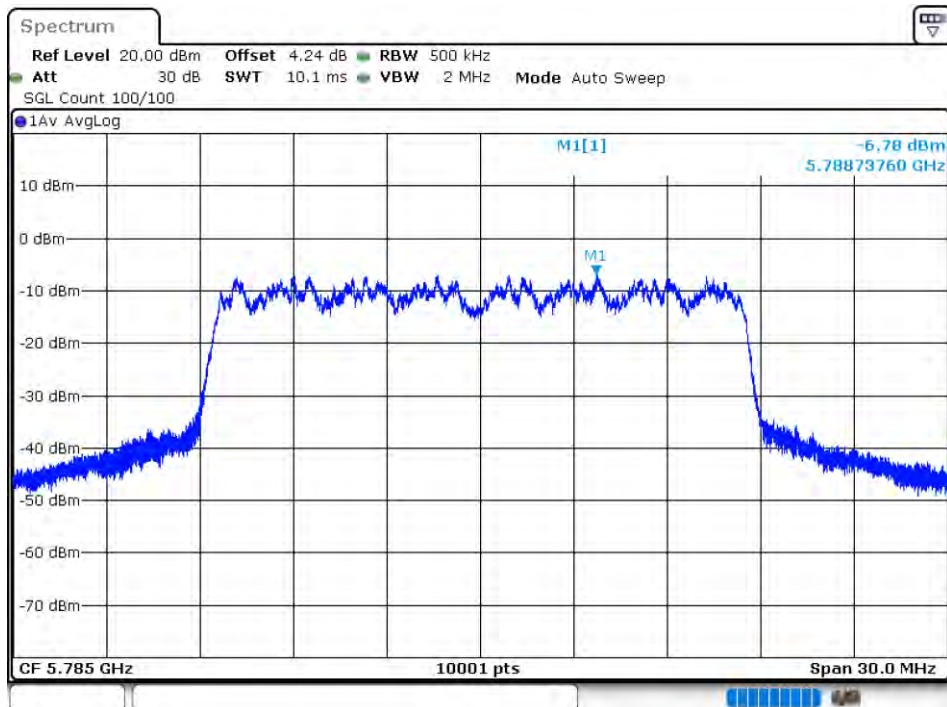
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.23	0.53	-6.7	30	Pass
NVNT	a	5785	Ant1	-6.78	0.53	-6.25	30	Pass
NVNT	a	5825	Ant1	-9.85	0.11	-9.74	30	Pass
NVNT	n20	5745	Ant1	-5.87	0.08	-5.79	30	Pass
NVNT	n20	5785	Ant1	-6.44	0.3	-6.14	30	Pass
NVNT	n20	5825	Ant1	-7.18	0.02	-7.16	30	Pass
NVNT	n40	5755	Ant1	-7.74	0.04	-7.7	30	Pass
NVNT	n40	5795	Ant1	-8.52	0.01	-8.51	30	Pass
NVNT	ac20	5745	Ant1	-7.04	0.29	-6.75	30	Pass
NVNT	ac20	5785	Ant1	-7.08	0.08	-7	30	Pass
NVNT	ac20	5825	Ant1	-7.51	0.3	-7.21	30	Pass
NVNT	ac40	5755	Ant1	-7.87	0.02	-7.85	30	Pass
NVNT	ac40	5795	Ant1	-8.2	0.02	-8.18	30	Pass
NVNT	ax20	5745	Ant1	-5.36	0.03	-5.33	30	Pass
NVNT	ax20	5785	Ant1	-5.57	0.03	-5.54	30	Pass
NVNT	ax20	5825	Ant1	-5.9	0.03	-5.87	30	Pass
NVNT	ax40	5755	Ant1	-8.27	0.06	-8.21	30	Pass
NVNT	ax40	5795	Ant1	-9.02	0.06	-8.96	30	Pass

Test Graphs

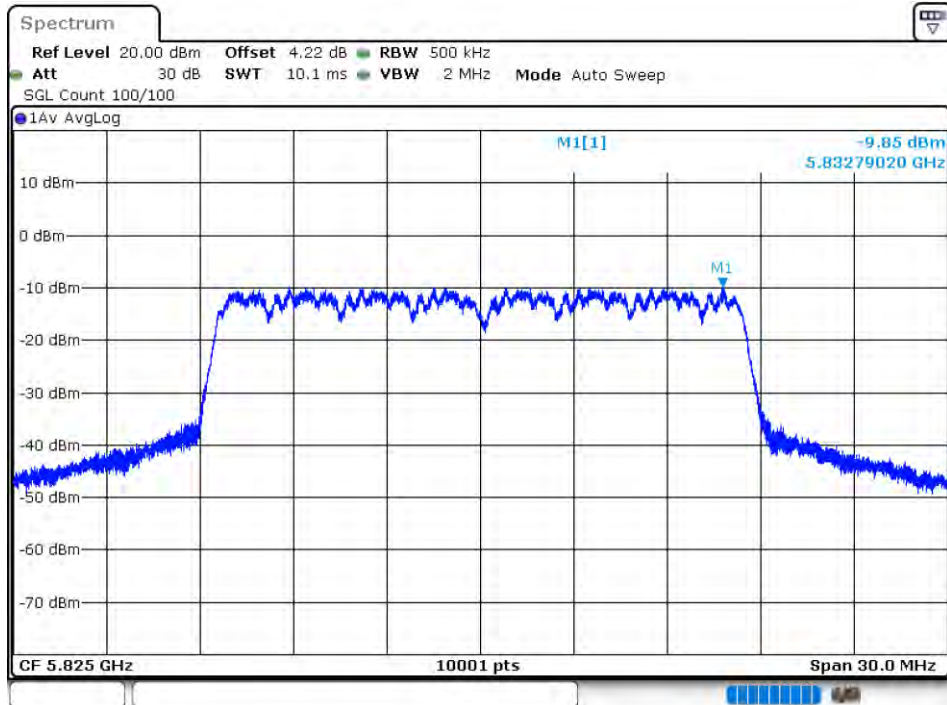
PSD NVNT a 5745MHz Ant1



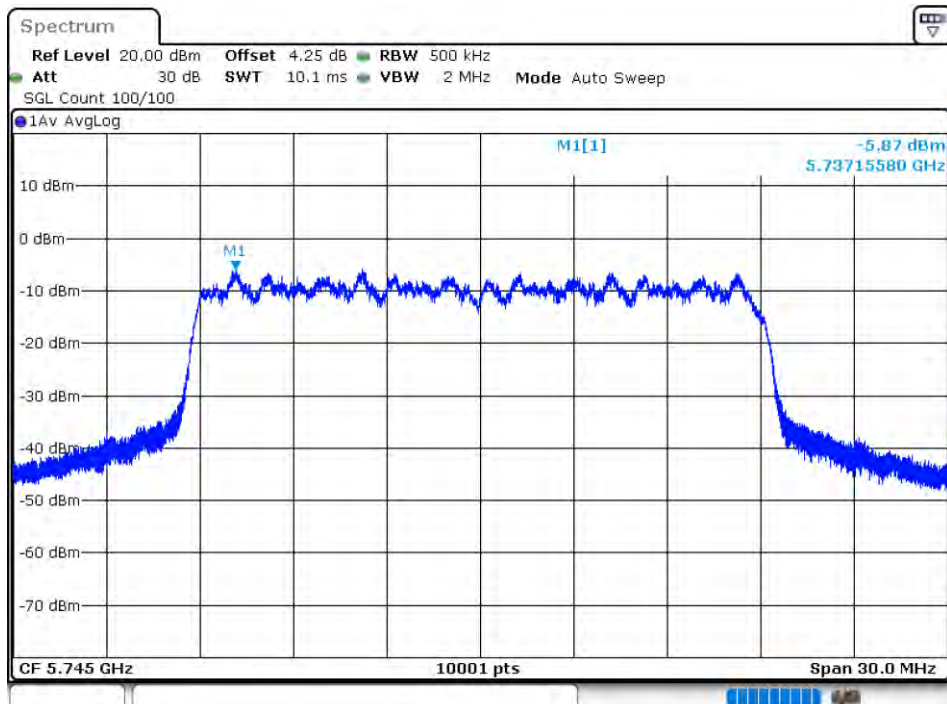
PSD NVNT a 5785MHz Ant1

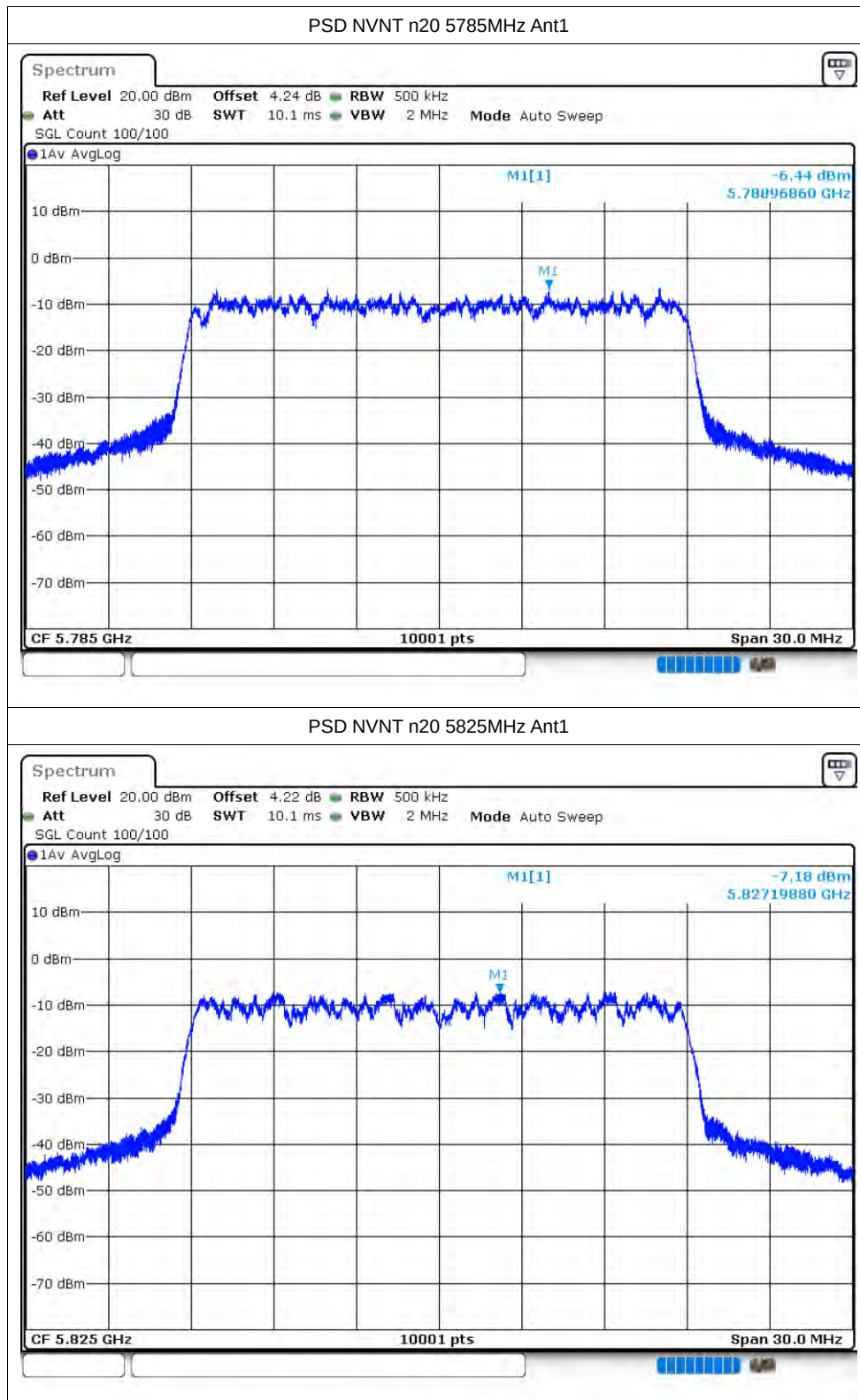


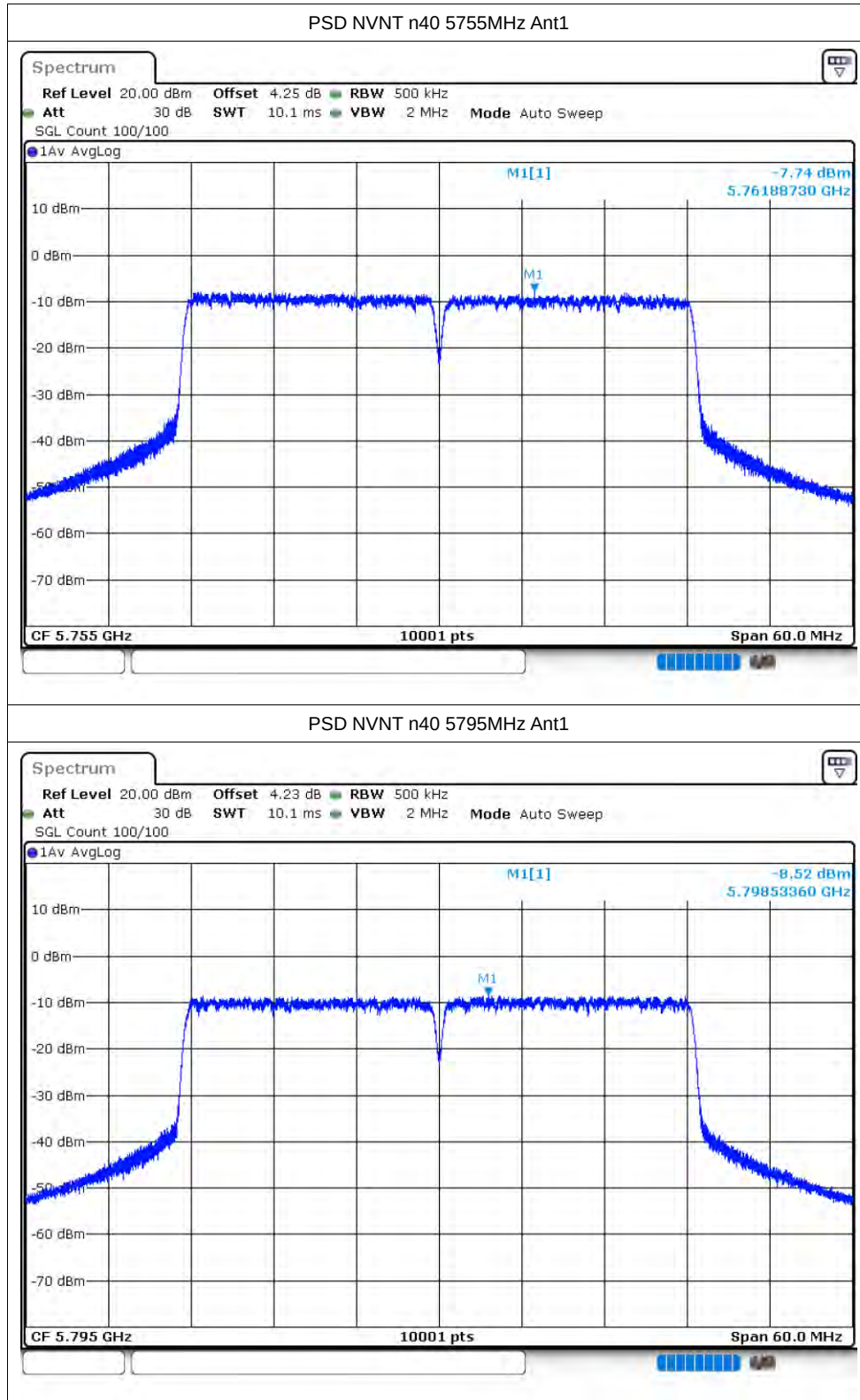
PSD NVNT a 5825MHz Ant1

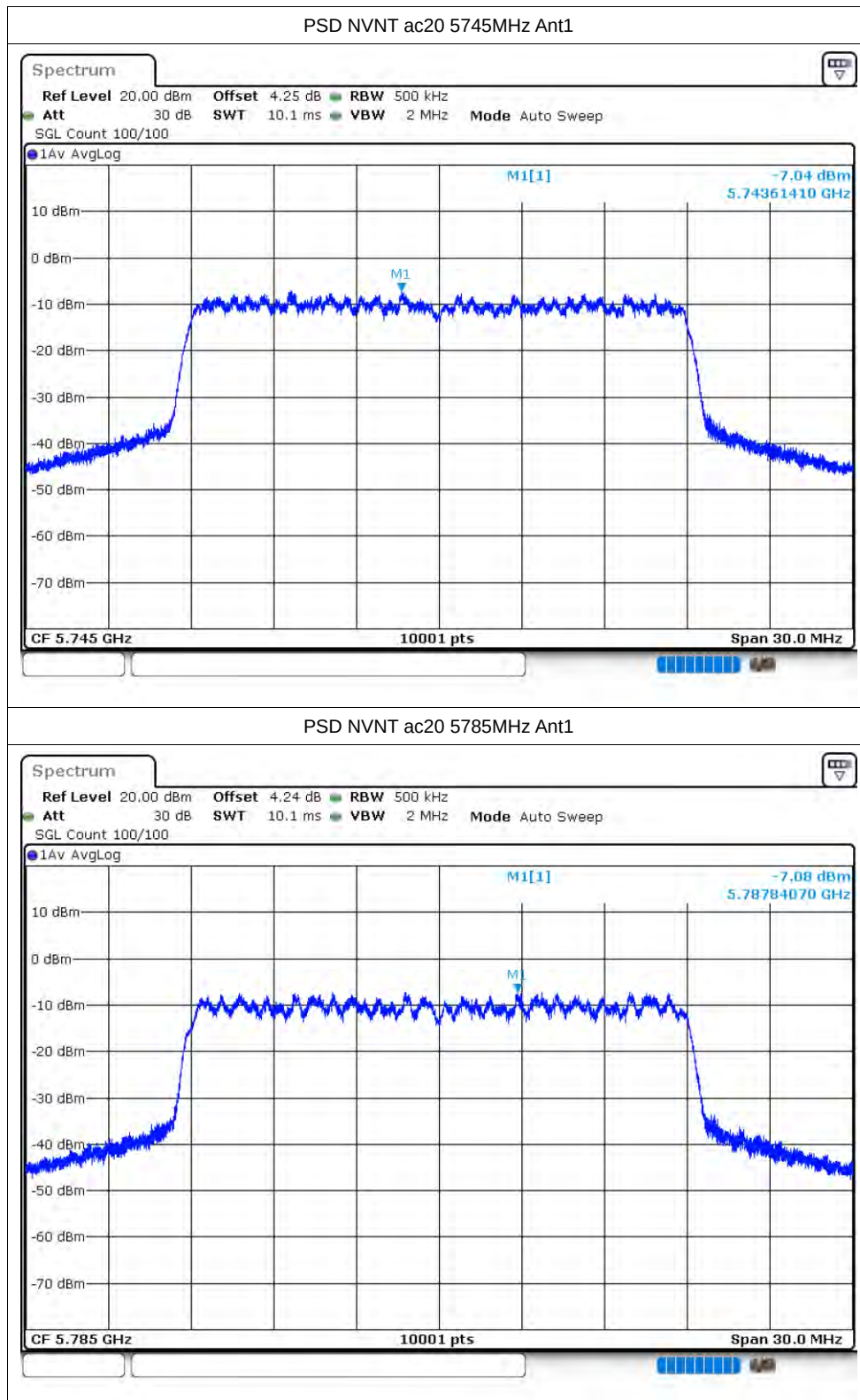


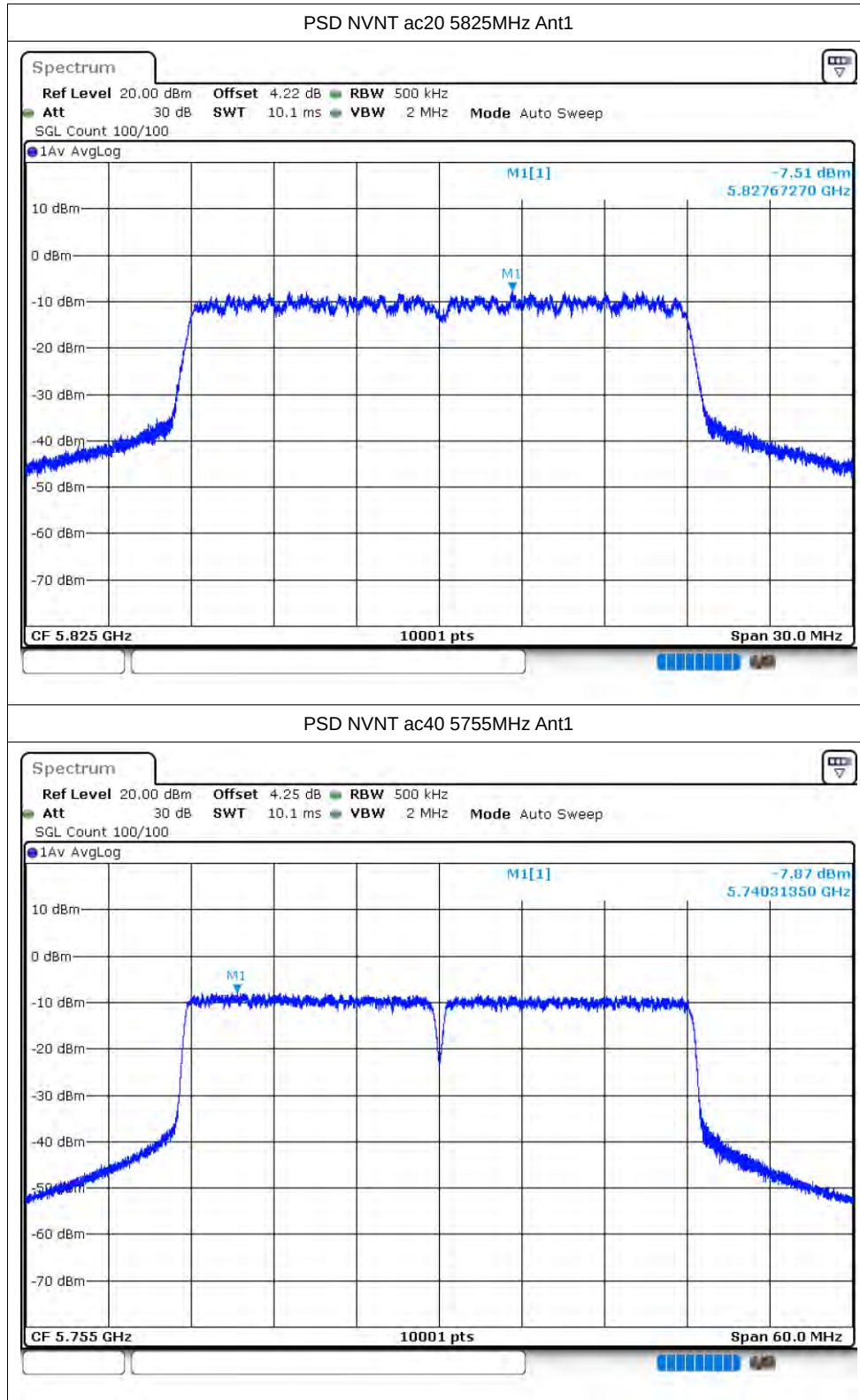
PSD NVNT n20 5745MHz Ant1

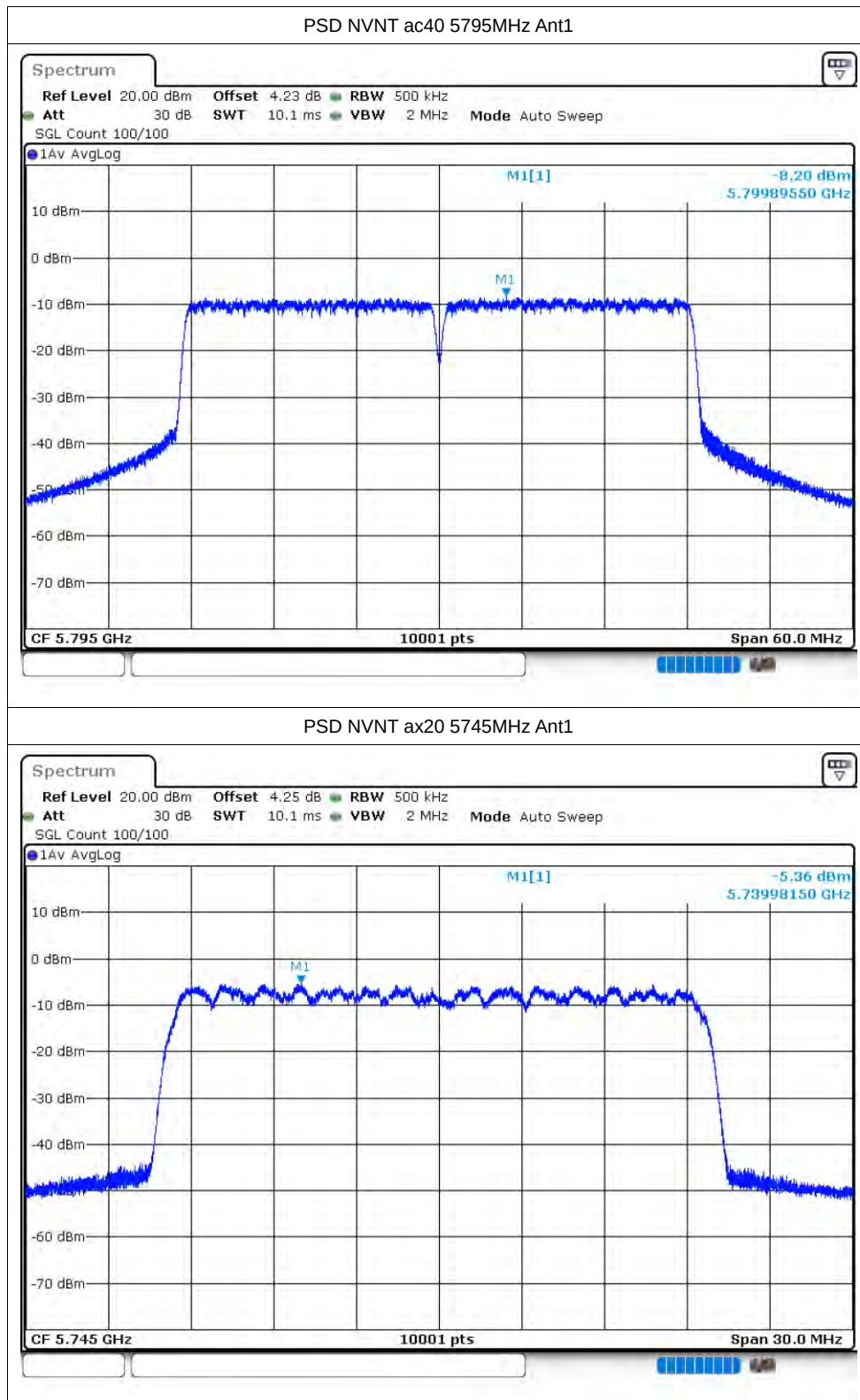


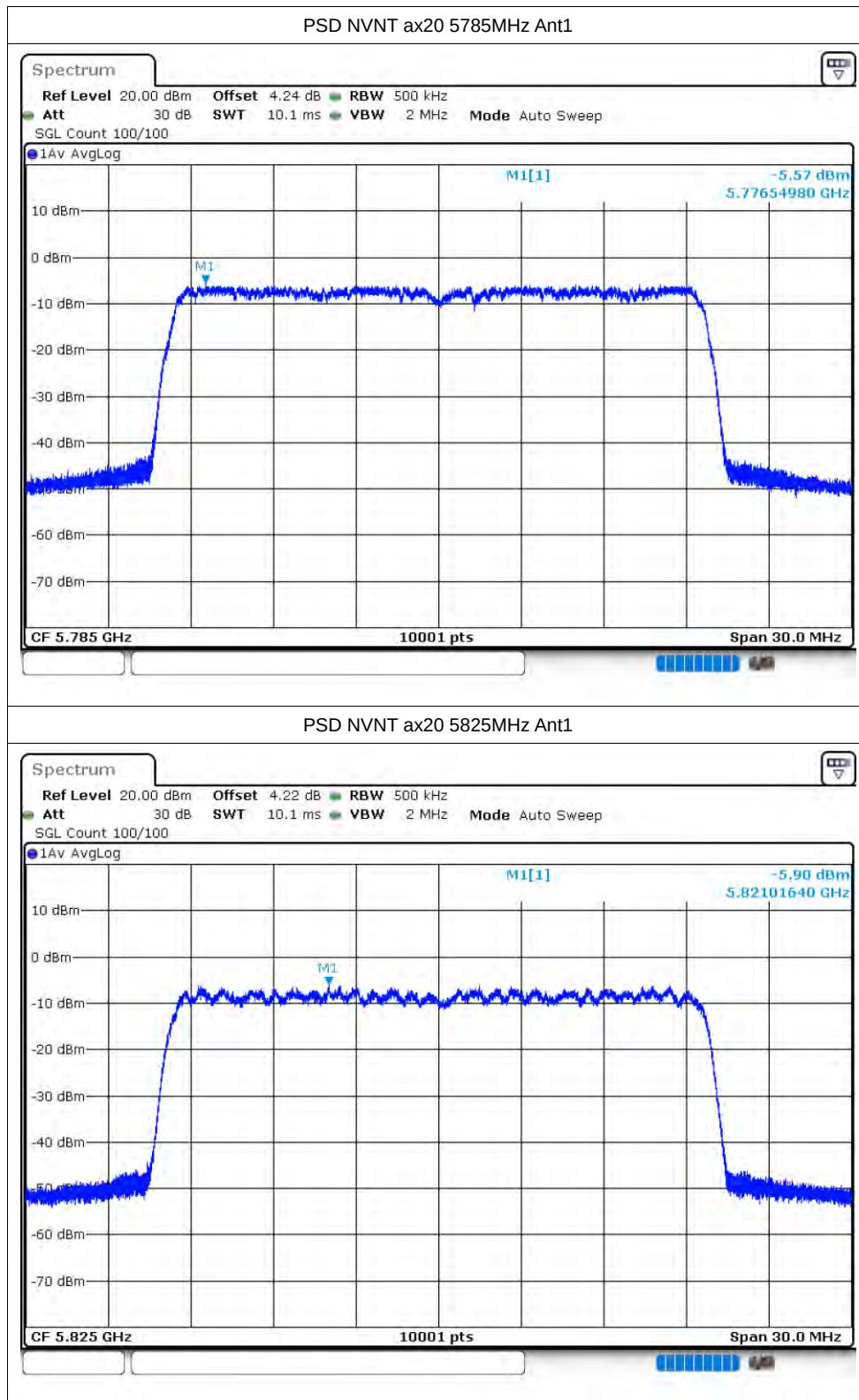




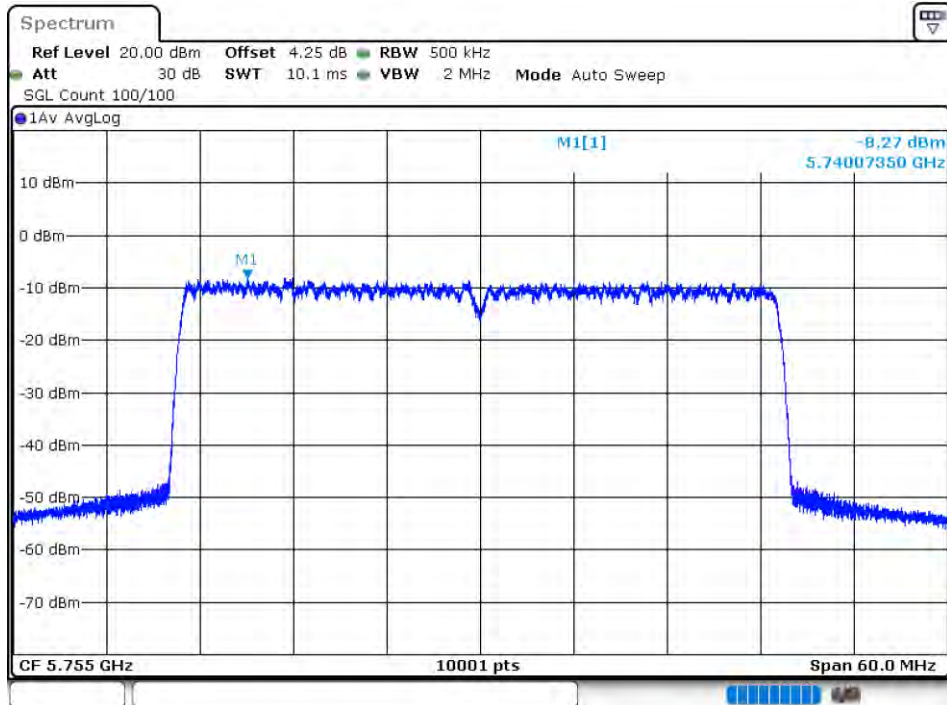




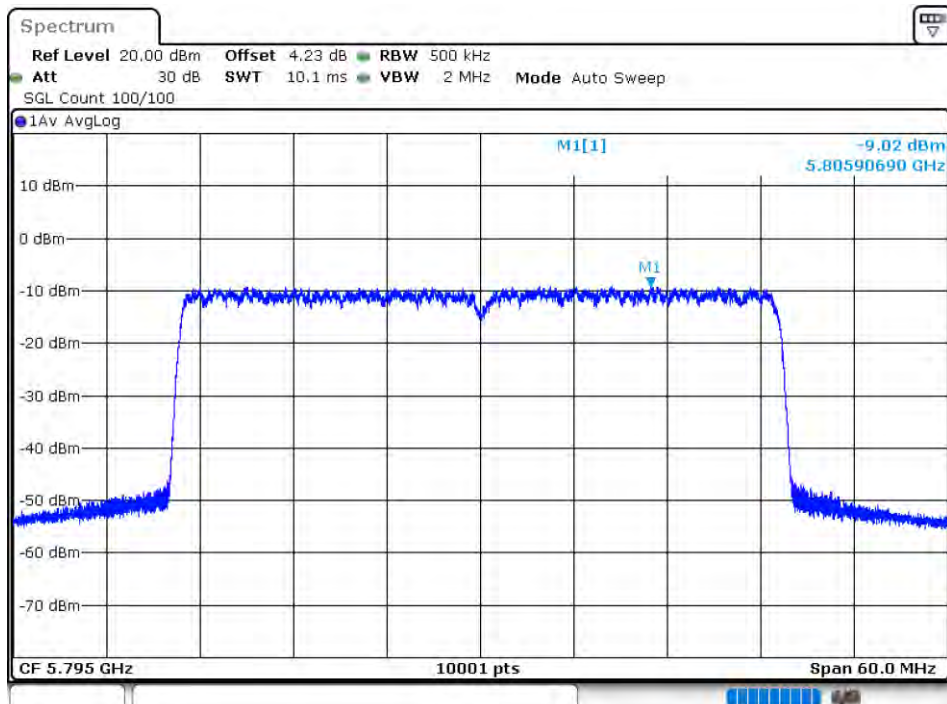




PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-30.7	-27	Pass
NVNT	a	5825	Ant1	-29.49	-27	Pass
NVNT	n20	5745	Ant1	-30.6	-27	Pass
NVNT	n20	5825	Ant1	-29.28	-27	Pass
NVNT	n40	5755	Ant1	-30.41	-27	Pass
NVNT	n40	5795	Ant1	-29.95	-27	Pass
NVNT	ac20	5745	Ant1	-30.31	-27	Pass
NVNT	ac20	5825	Ant1	-29.63	-27	Pass
NVNT	ac40	5755	Ant1	-29.58	-27	Pass
NVNT	ac40	5795	Ant1	-28.93	-27	Pass
NVNT	ax20	5745	Ant1	-31.21	-27	Pass
NVNT	ax20	5825	Ant1	-29.4	-27	Pass
NVNT	ax40	5755	Ant1	-30.13	-27	Pass
NVNT	ax40	5795	Ant1	-29.65	-27	Pass