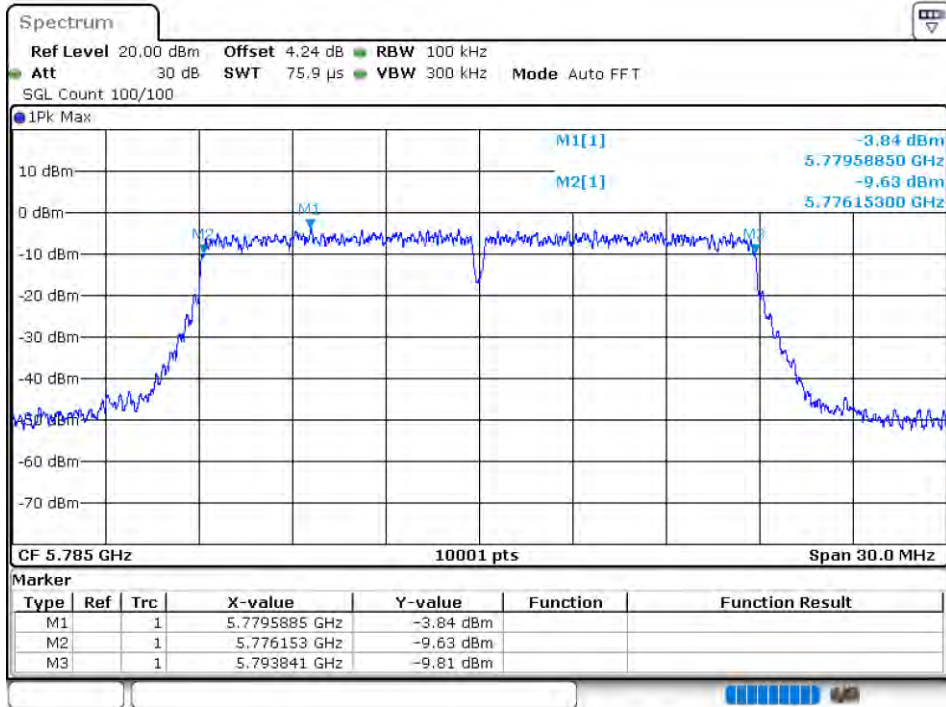
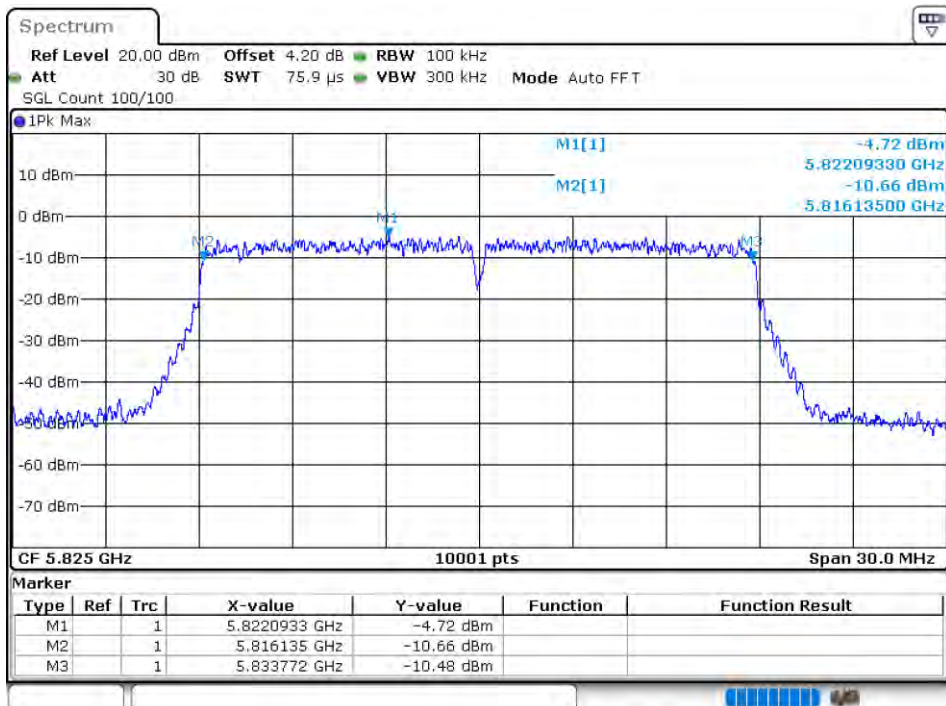
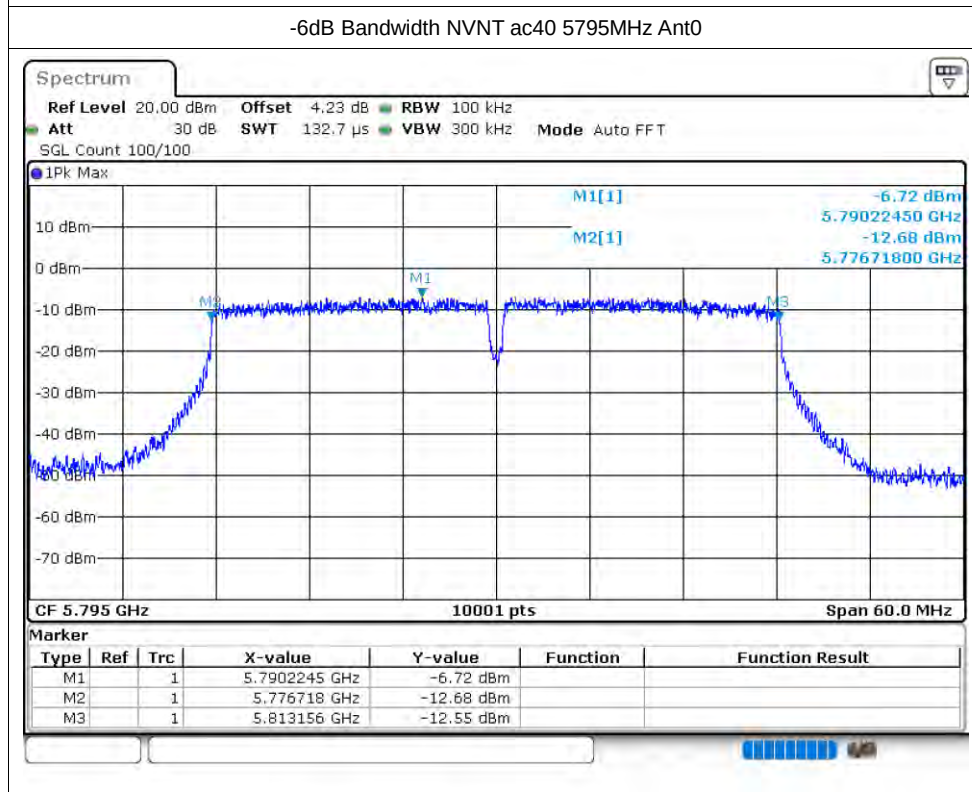
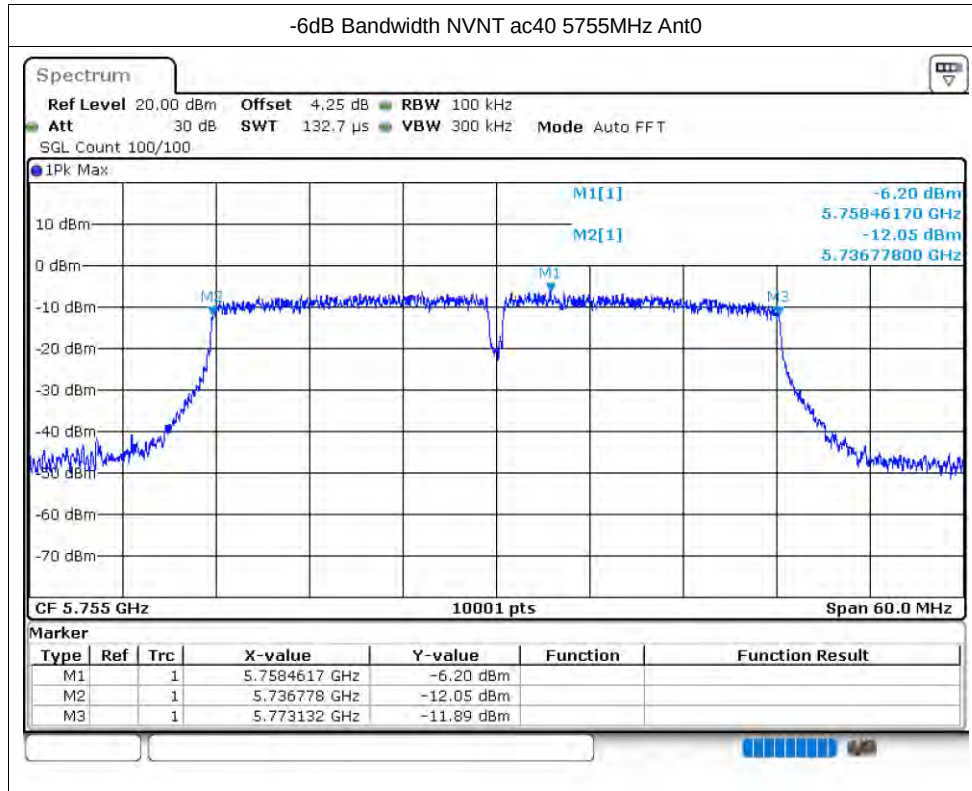


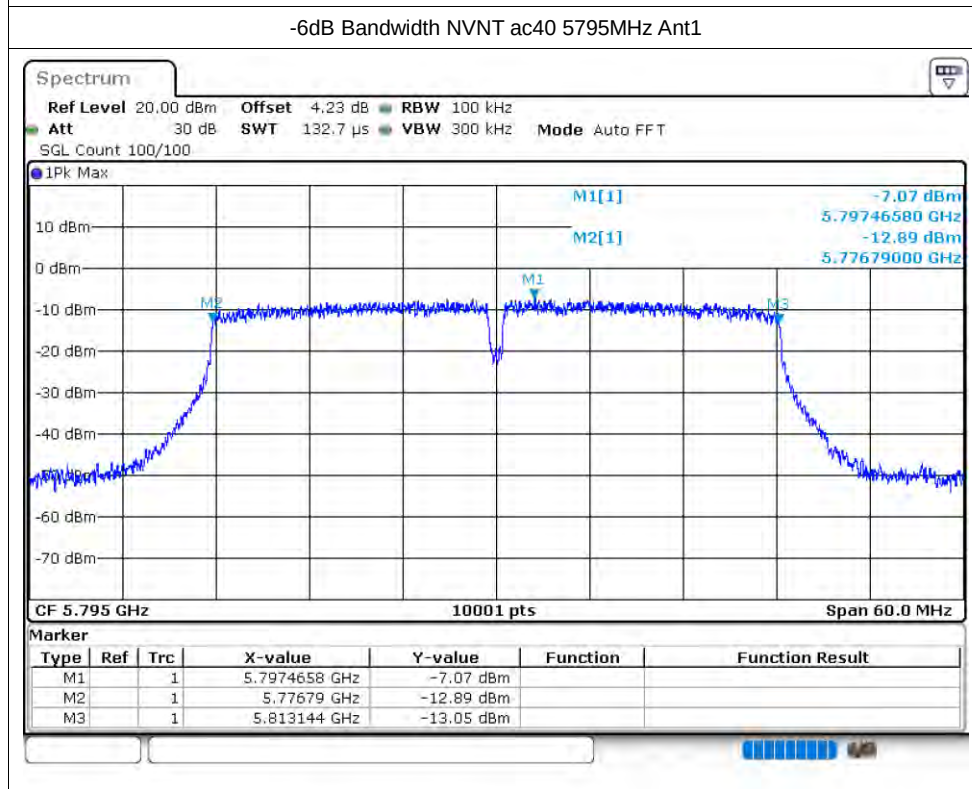
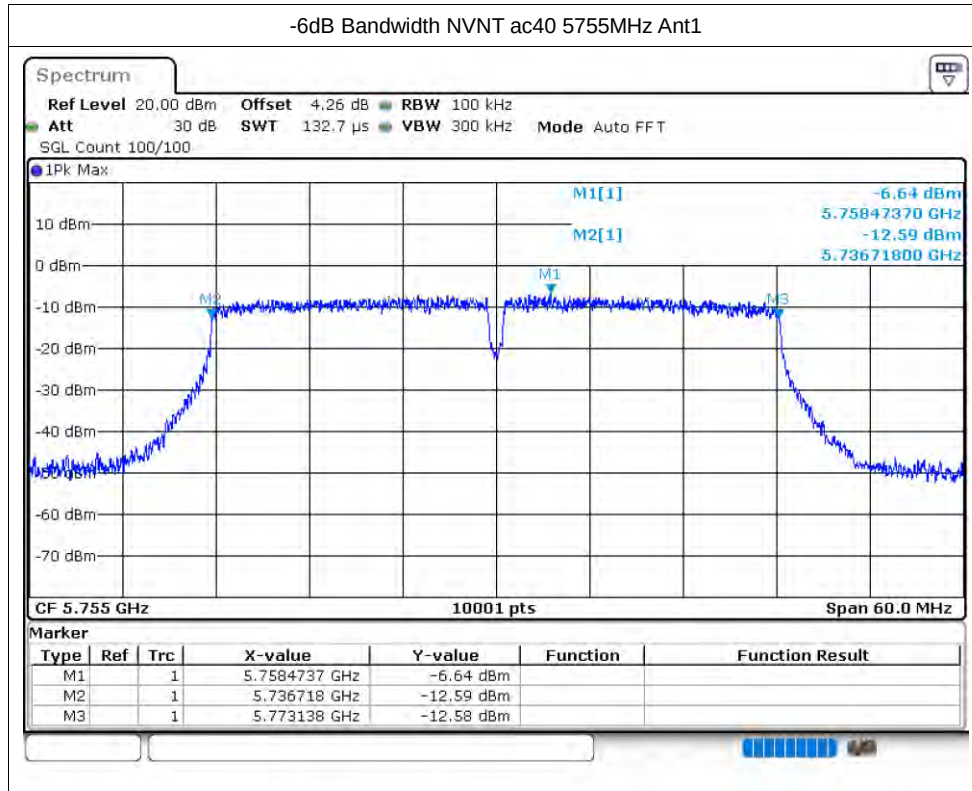
-6dB Bandwidth NVNT ac20 5785MHz Ant1



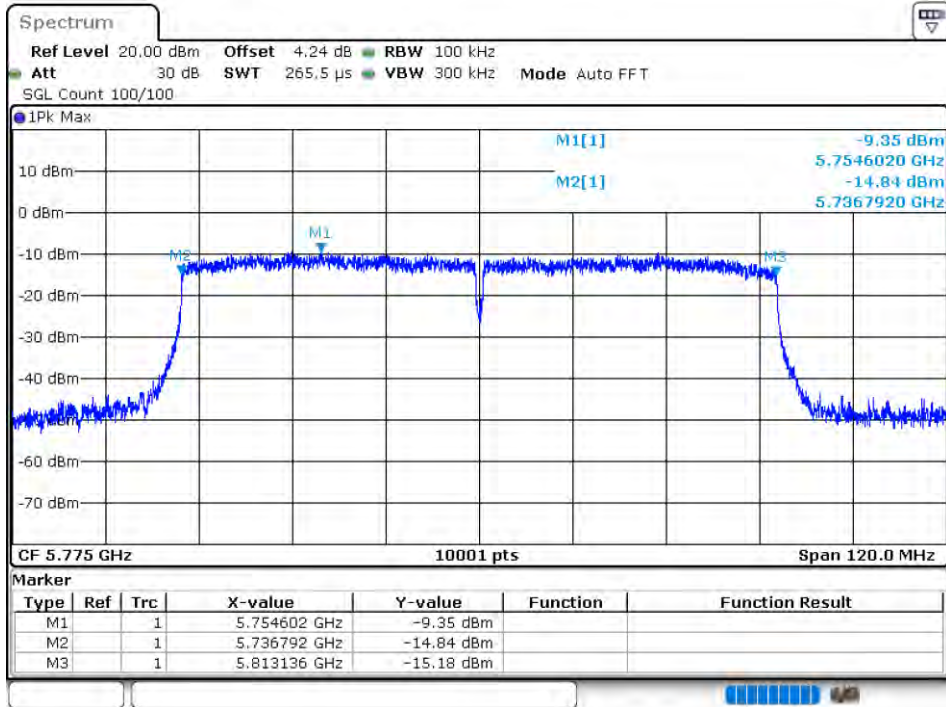
-6dB Bandwidth NVNT ac20 5825MHz Ant1



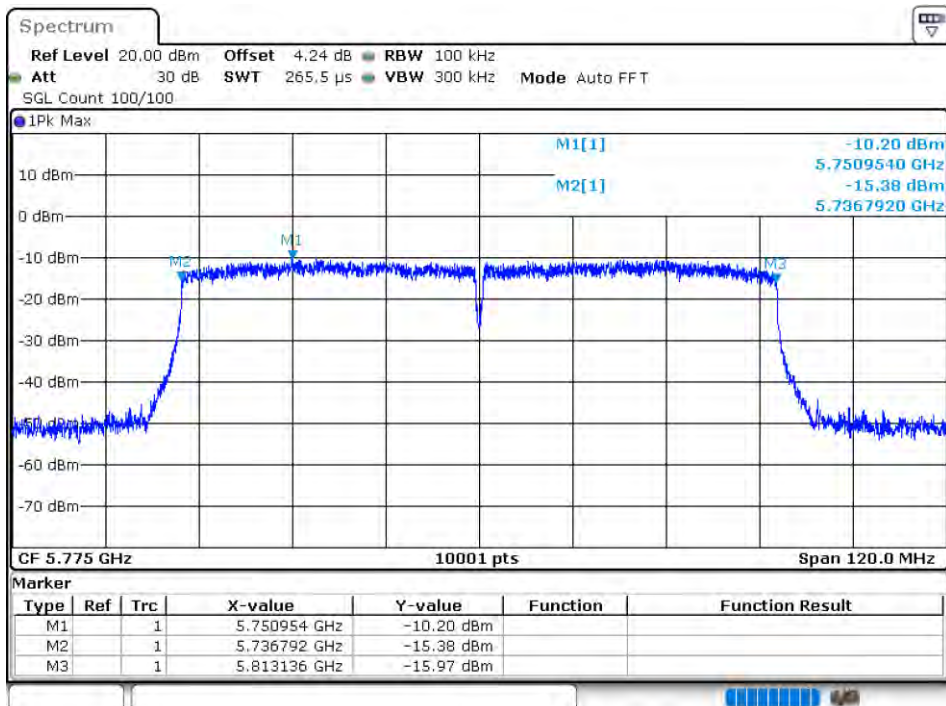




-6dB Bandwidth NVNT ac80 5775MHz Ant0



-6dB Bandwidth NVNT ac80 5775MHz Ant1

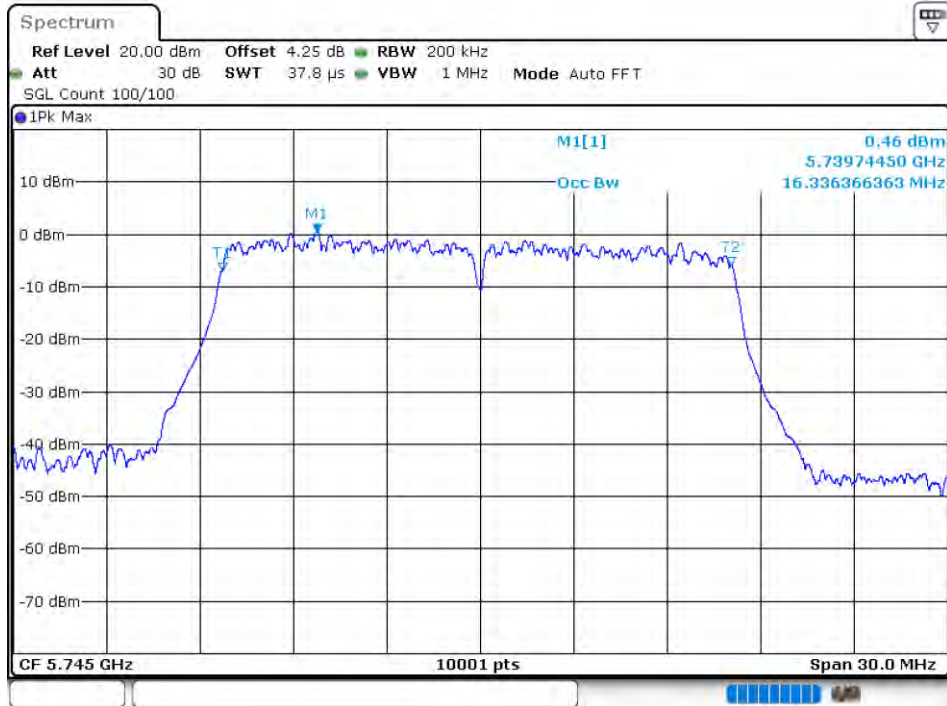


Occupied Channel Bandwidth

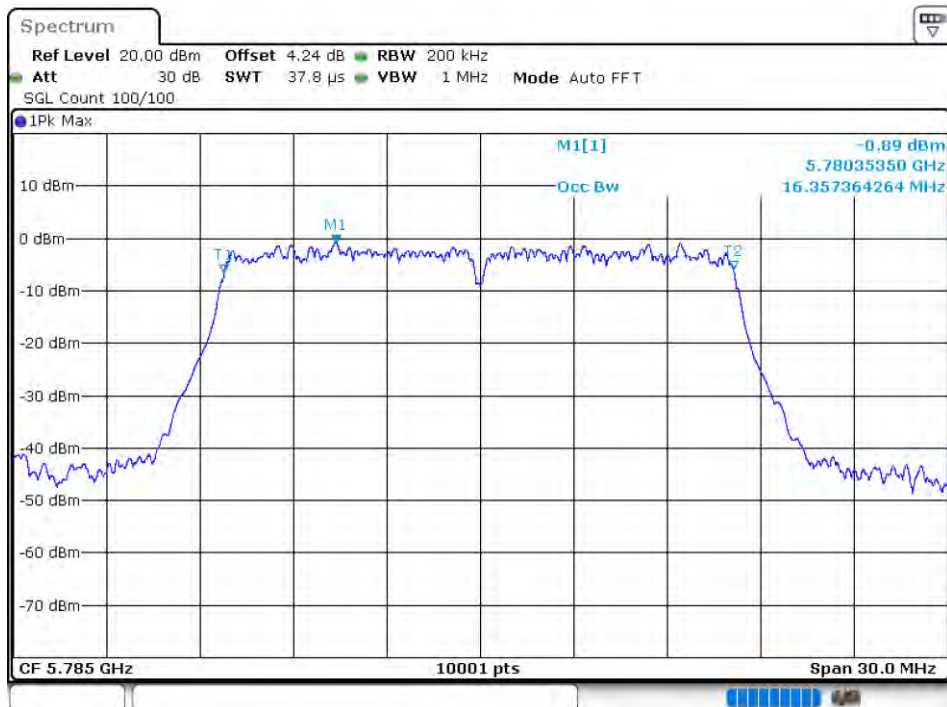
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant0	16.336
NVNT	a	5785	Ant0	16.357
NVNT	a	5825	Ant0	16.384
NVNT	a	5745	Ant1	16.375
NVNT	a	5785	Ant1	16.369
NVNT	a	5825	Ant1	16.357
NVNT	n20	5745	Ant0	17.539
NVNT	n20	5785	Ant0	17.554
NVNT	n20	5825	Ant0	17.548
NVNT	n20	5745	Ant1	17.536
NVNT	n20	5785	Ant1	17.545
NVNT	n20	5825	Ant1	17.539
NVNT	n40	5755	Ant0	36.176
NVNT	n40	5795	Ant0	36.218
NVNT	n40	5755	Ant1	36.218
NVNT	n40	5795	Ant1	36.176
NVNT	ac20	5745	Ant0	17.551
NVNT	ac20	5785	Ant0	17.563
NVNT	ac20	5825	Ant0	17.539
NVNT	ac20	5745	Ant1	17.554
NVNT	ac20	5785	Ant1	17.563
NVNT	ac20	5825	Ant1	17.542
NVNT	ac40	5755	Ant0	36.182
NVNT	ac40	5795	Ant0	36.218
NVNT	ac40	5755	Ant1	36.2
NVNT	ac40	5795	Ant1	36.128
NVNT	ac80	5775	Ant0	75.412
NVNT	ac80	5775	Ant1	75.424

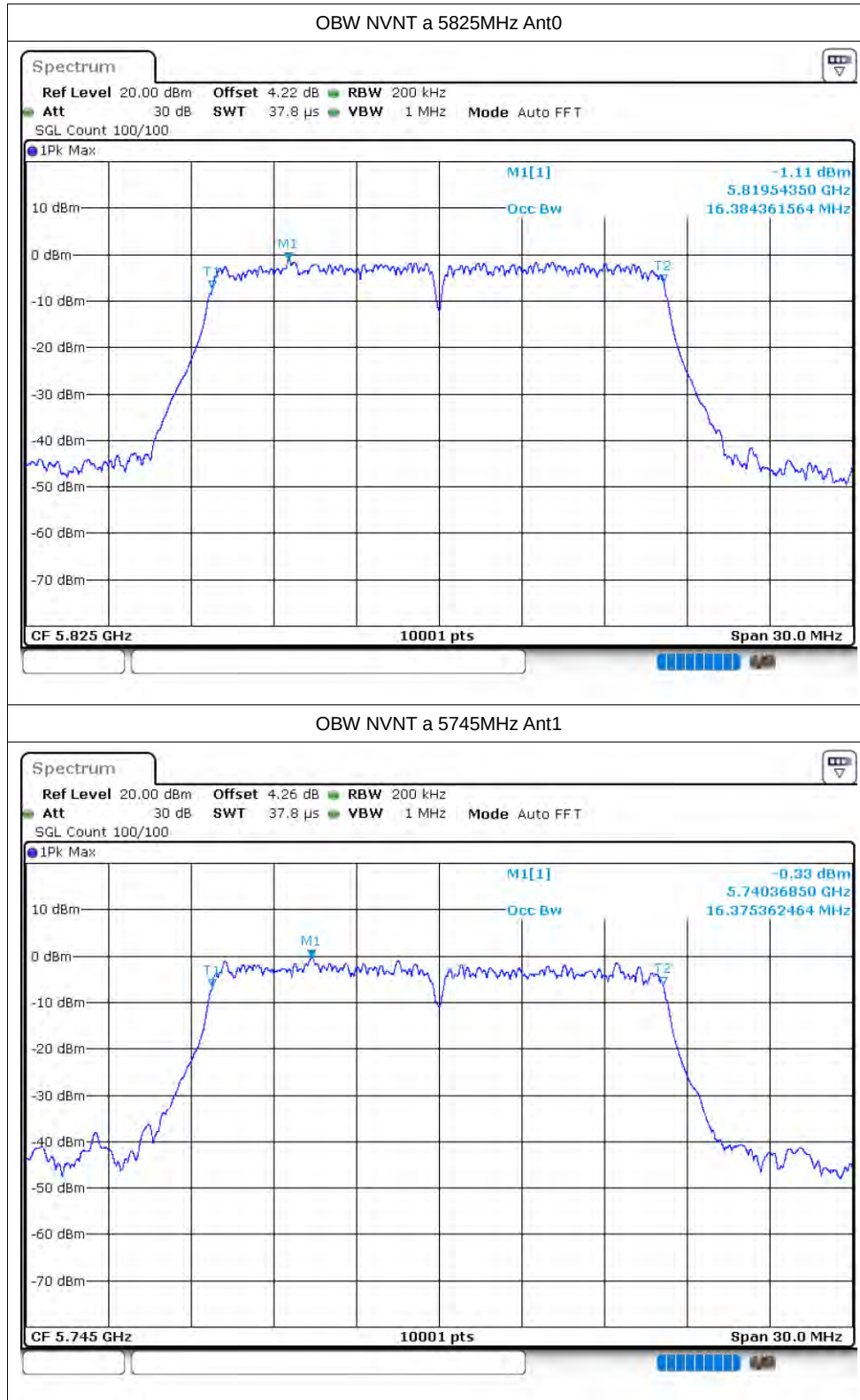
Test Graphs

OBW NVNT a 5745MHz Ant0

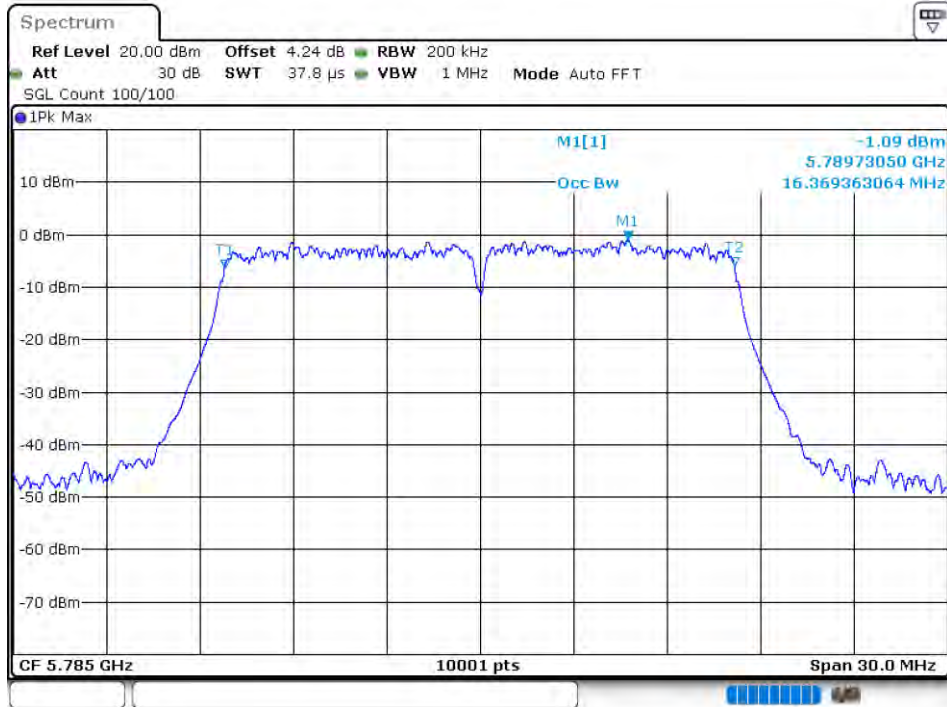


OBW NVNT a 5785MHz Ant0



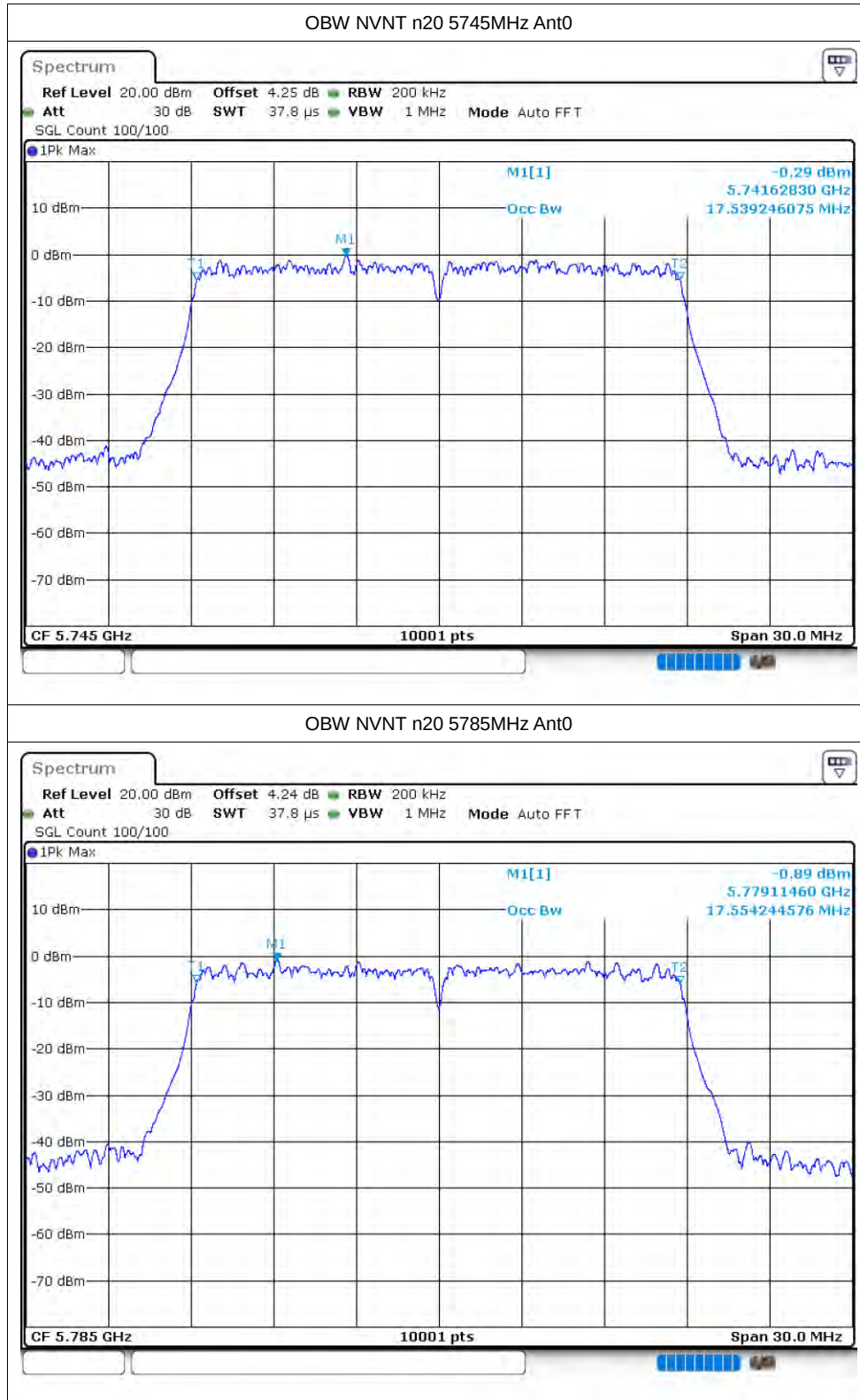


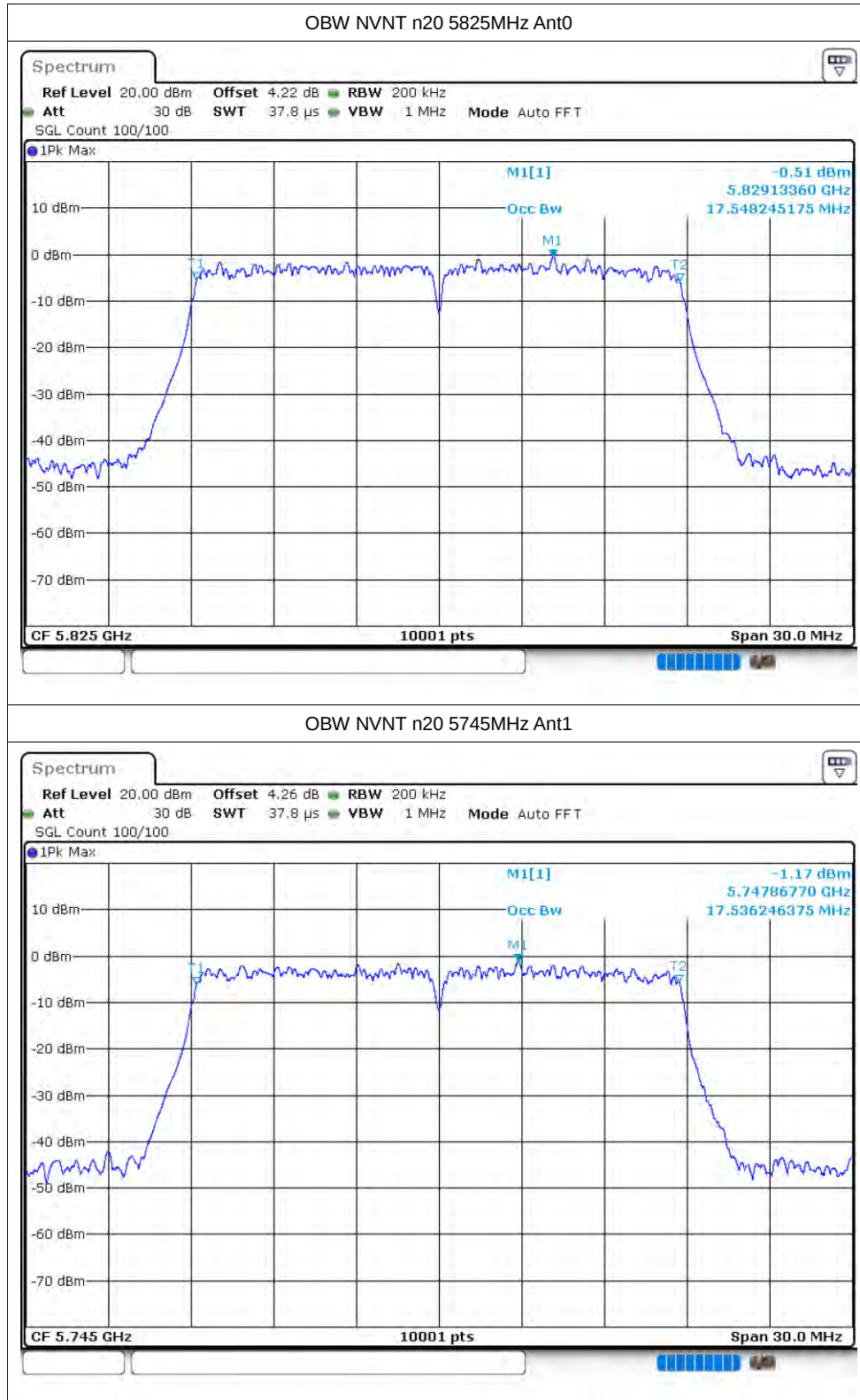
OBW NVNT a 5785MHz Ant1

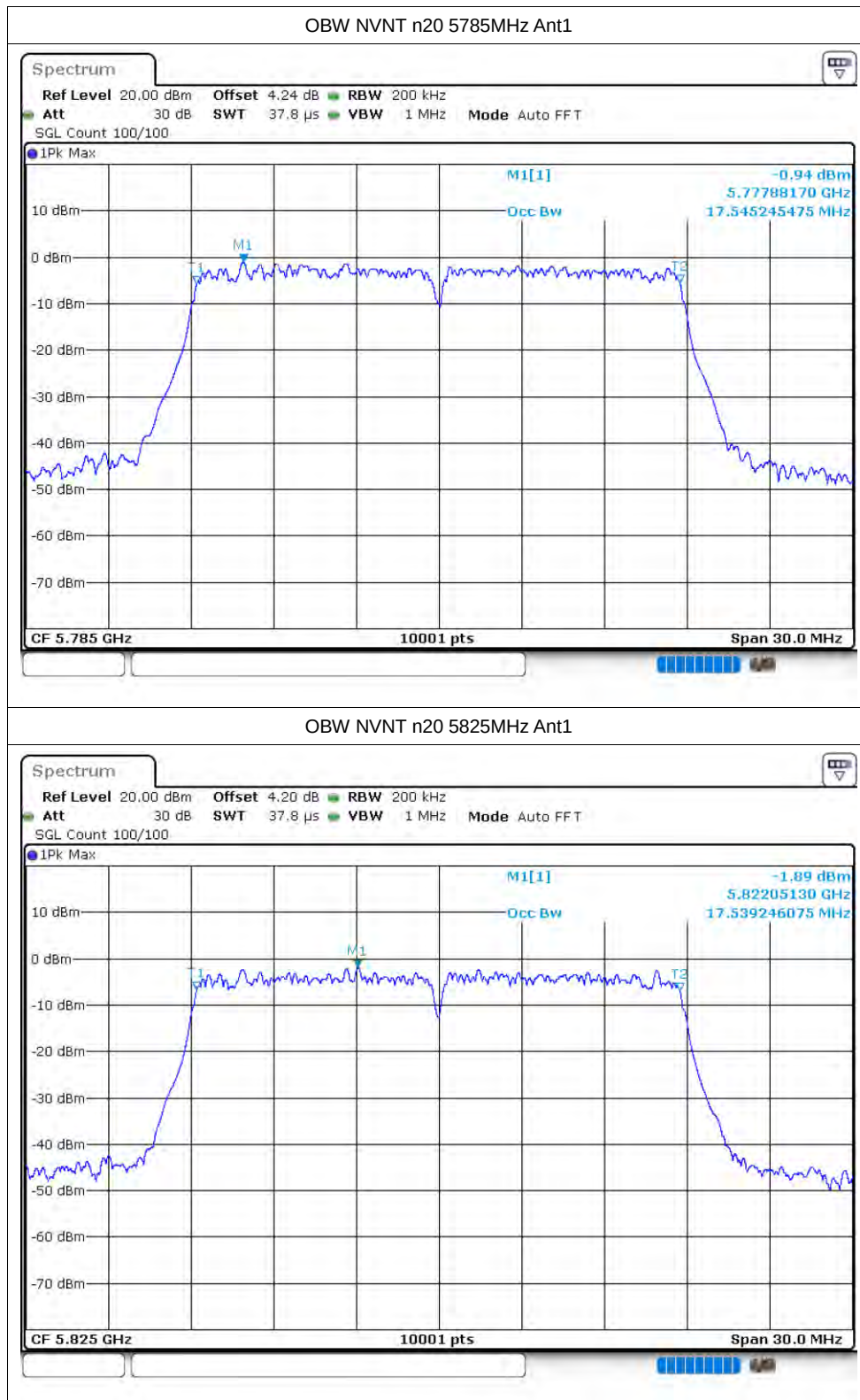


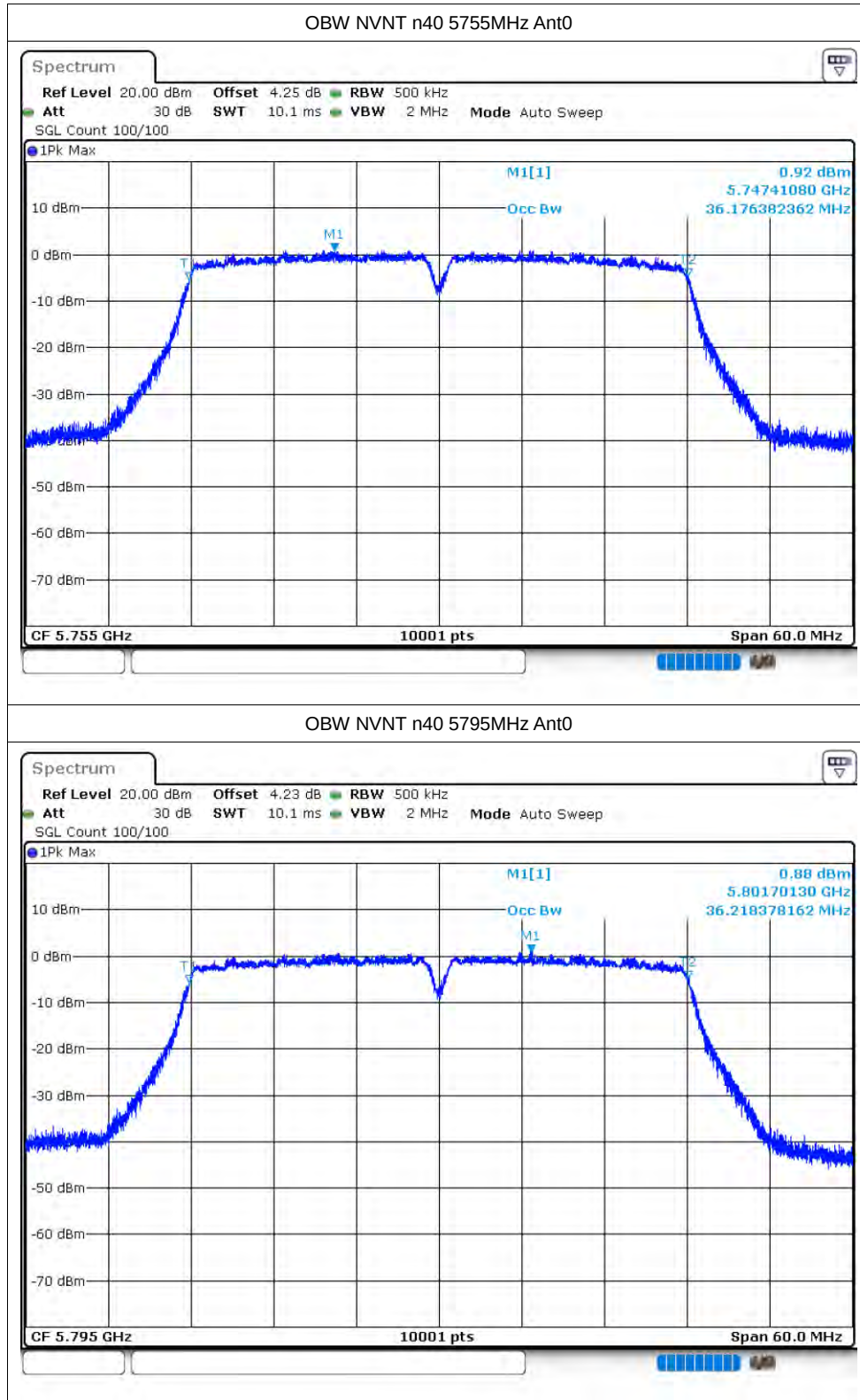
OBW NVNT a 5825MHz Ant1

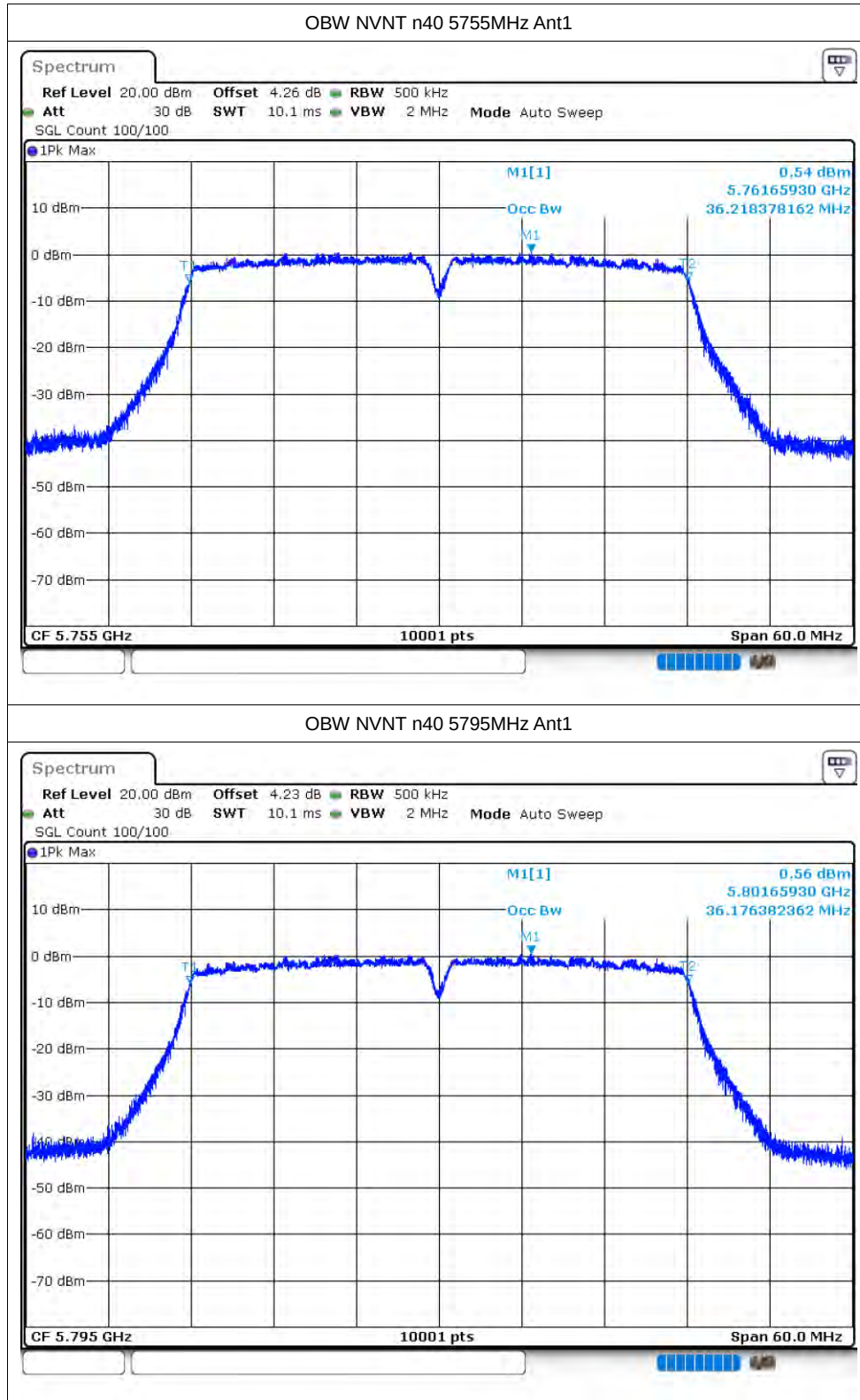


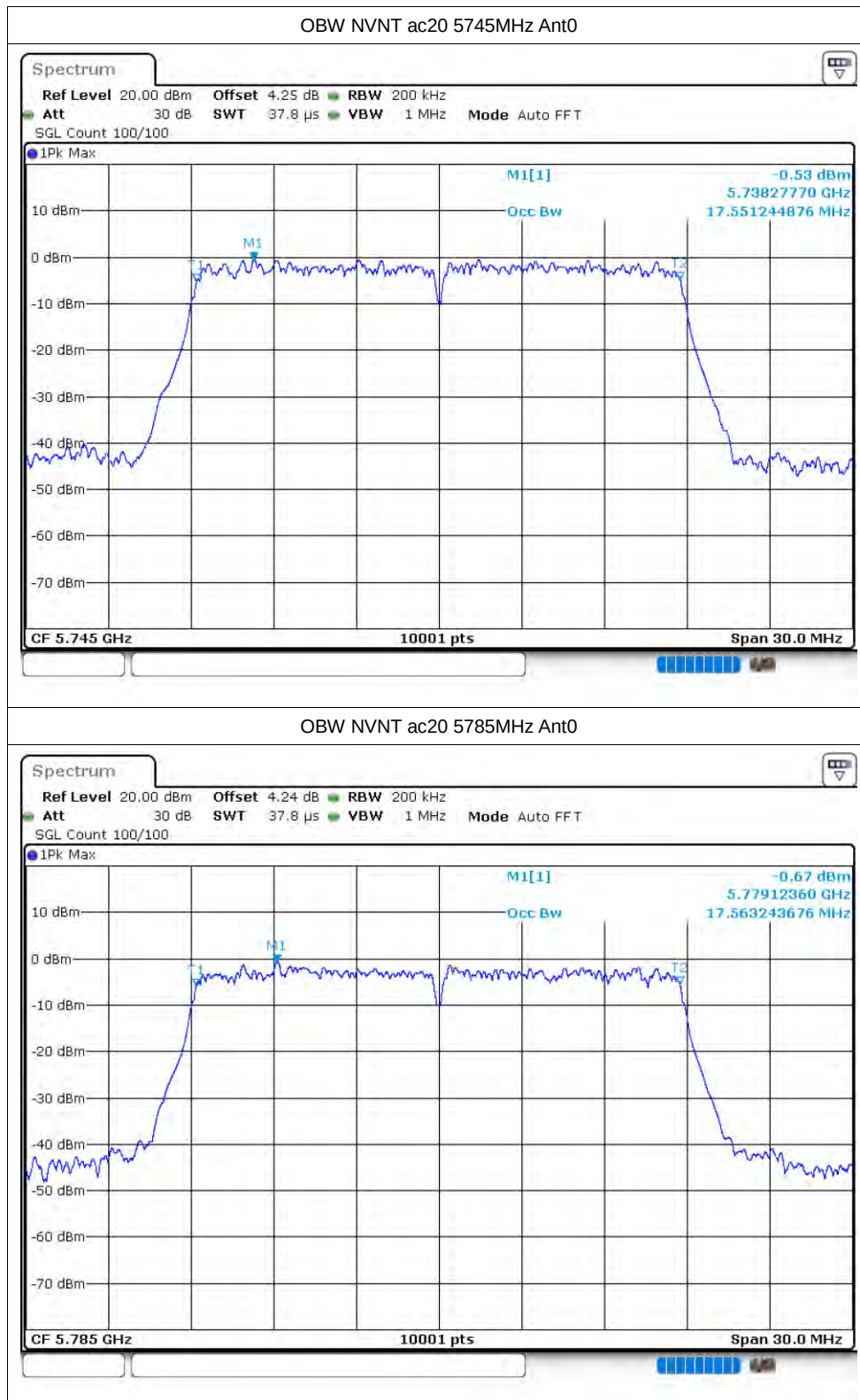


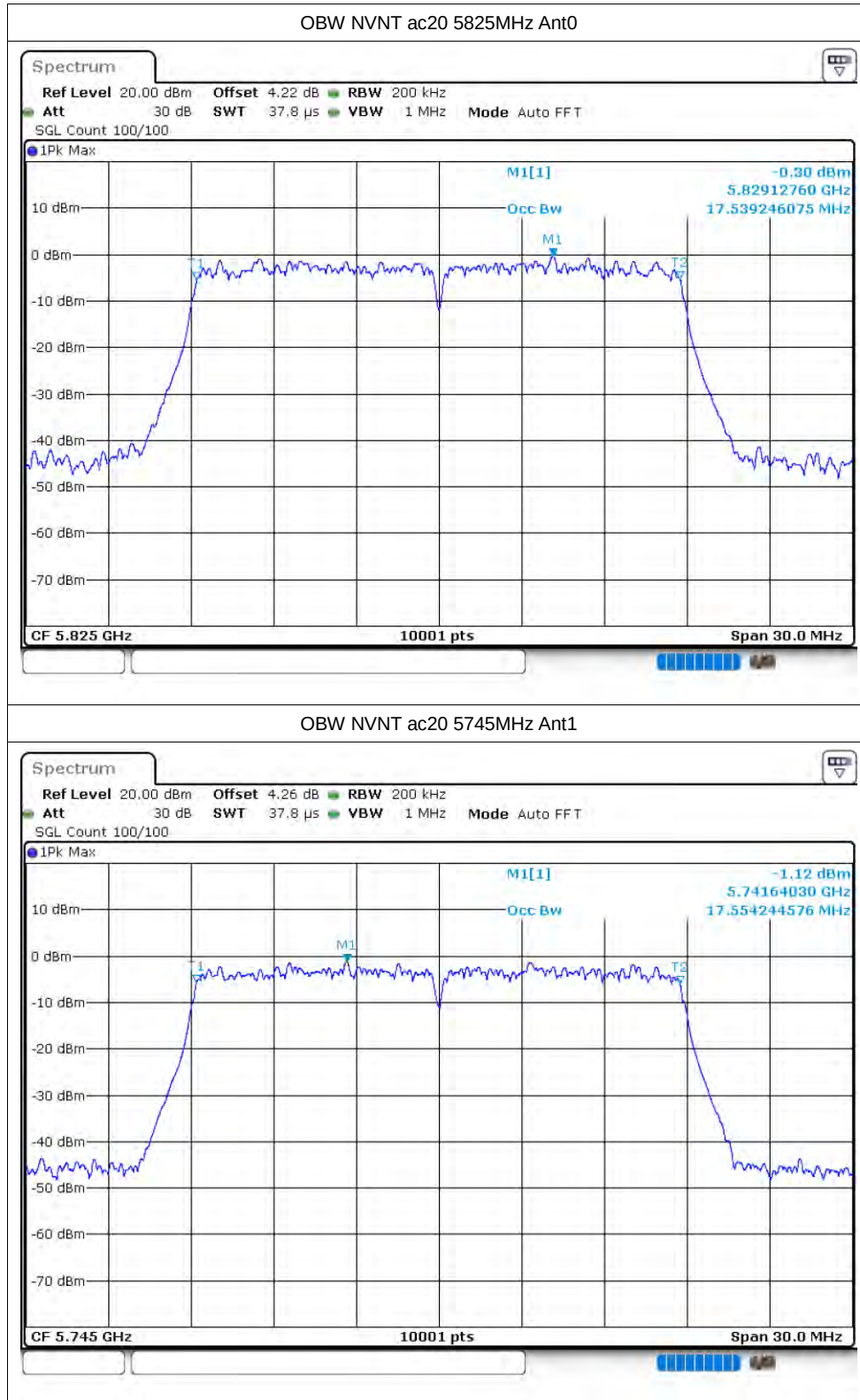




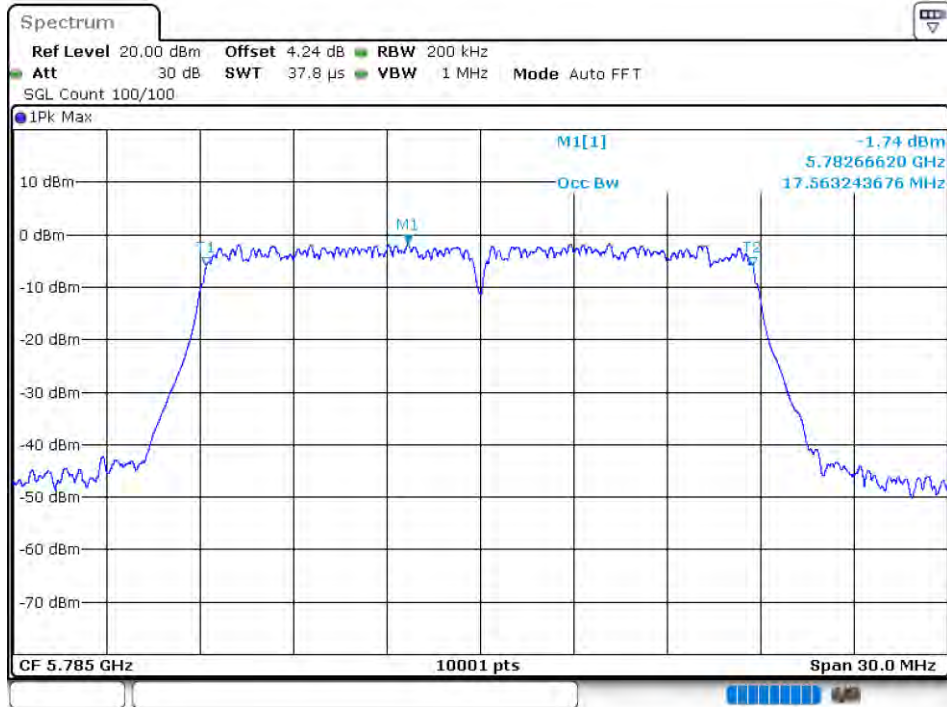




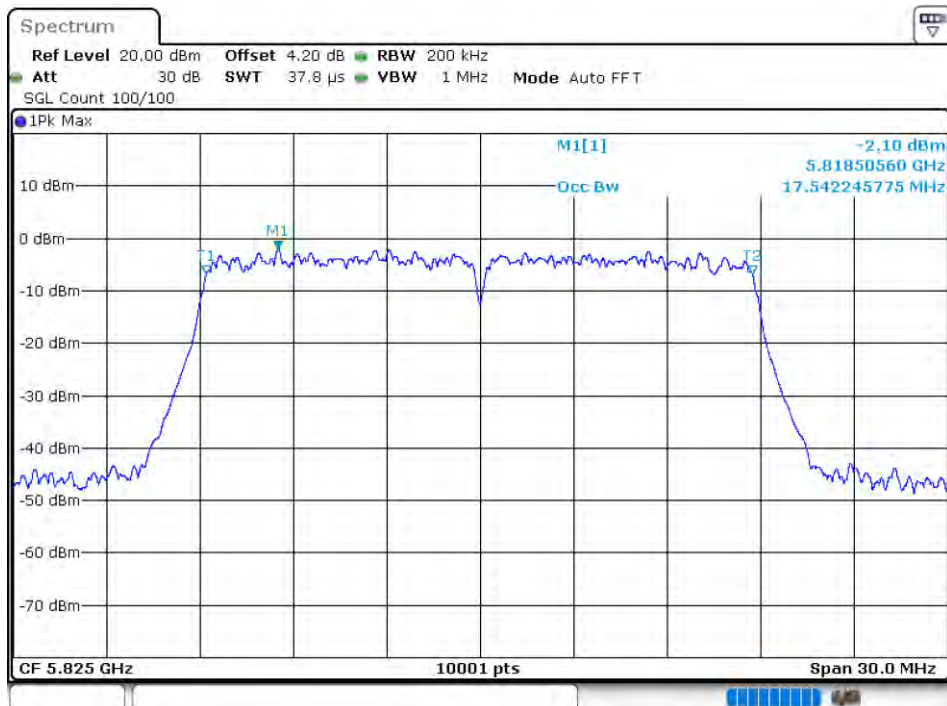


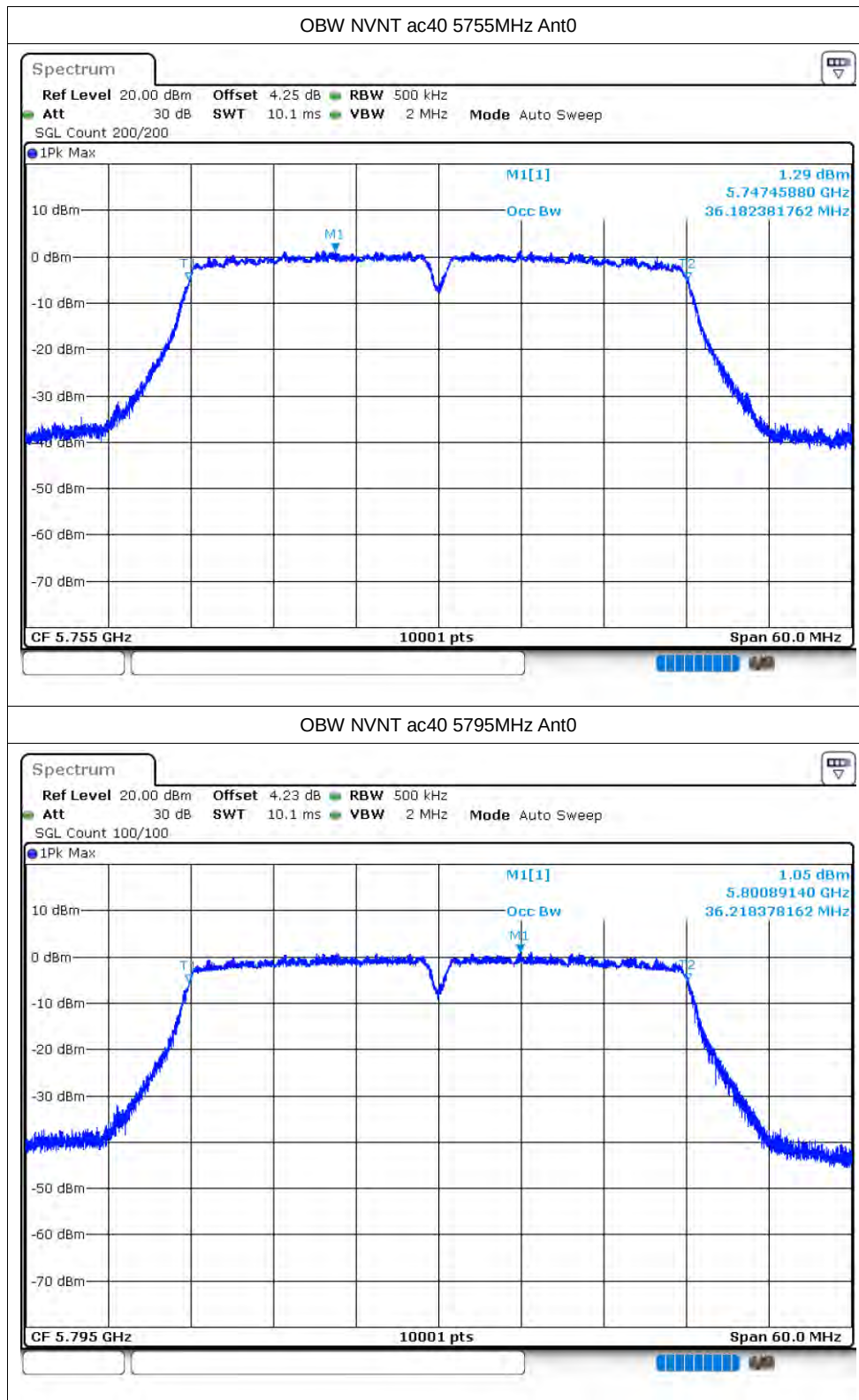


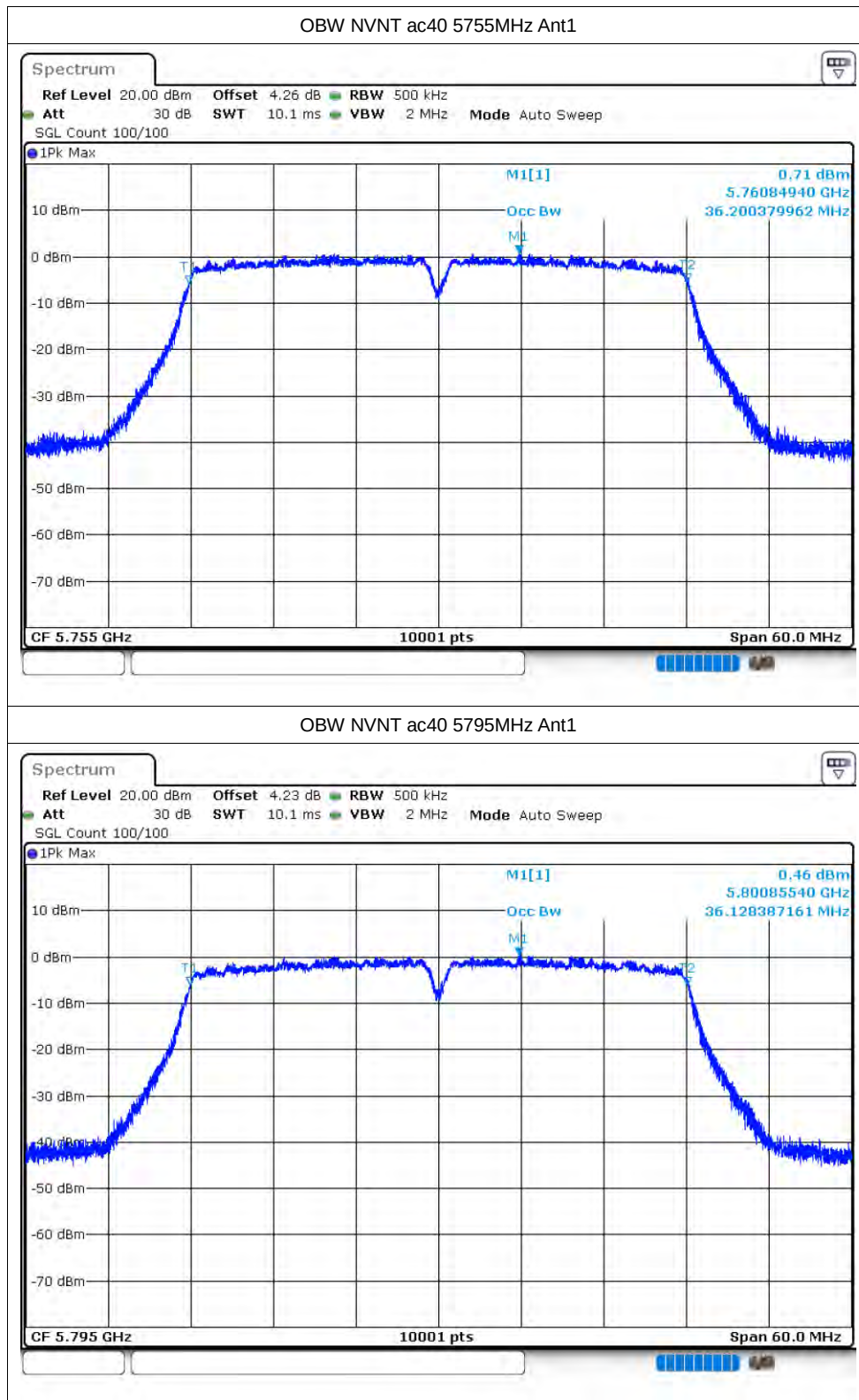
OBW NVNT ac20 5785MHz Ant1

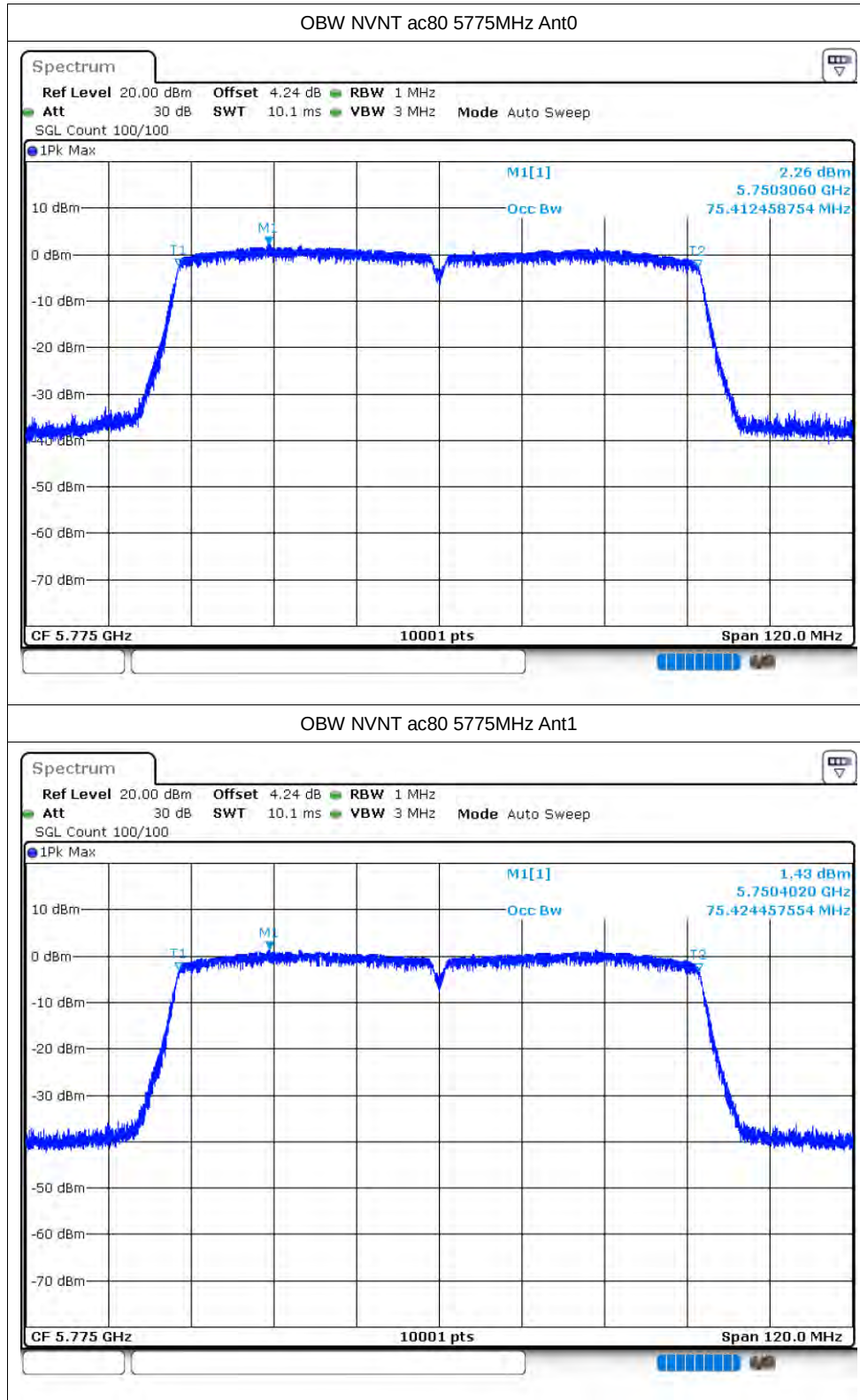


OBW NVNT ac20 5825MHz Ant1









Maximum Power Spectral Density Level

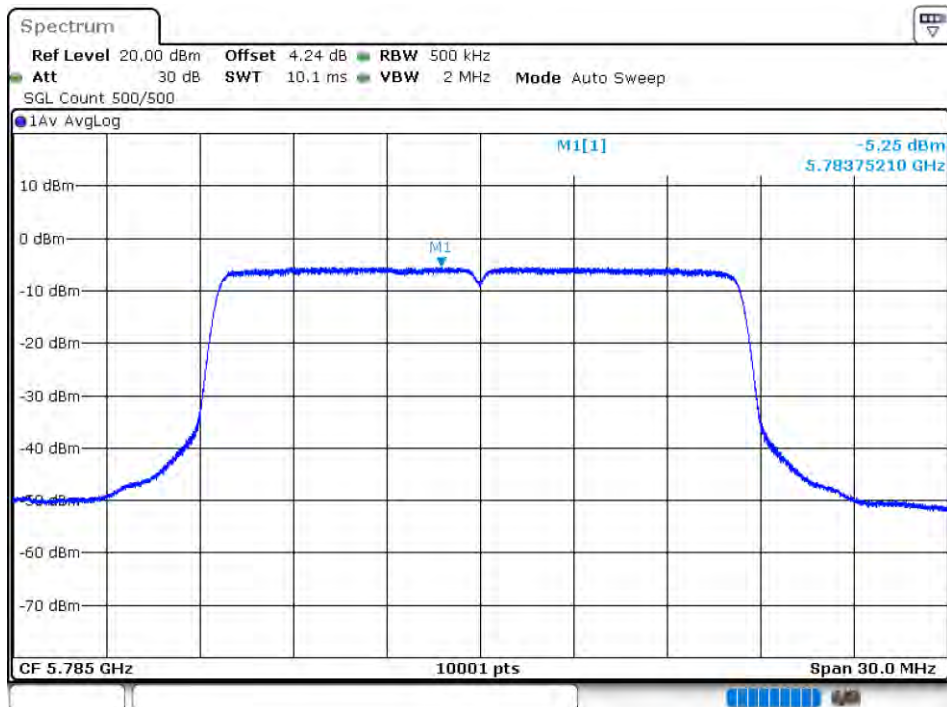
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	-4.1	0	-4.1	30	Pass
NVNT	a	5785	Ant0	-5.25	0	-5.25	30	Pass
NVNT	a	5825	Ant0	-5.16	0	-5.16	30	Pass
NVNT	a	5745	Ant1	-4.17	0	-4.17	30	Pass
NVNT	a	5785	Ant1	-4.53	0	-4.53	30	Pass
NVNT	a	5825	Ant1	-5.17	0	-5.17	30	Pass
NVNT	n20	5745	Ant0	-5.15	0	-5.15	30	Pass
NVNT	n20	5785	Ant0	-5.55	0	-5.55	30	Pass
NVNT	n20	5825	Ant0	-5.22	0	-5.22	30	Pass
NVNT	n20	5745	Ant1	-5.08	0	-5.08	30	Pass
NVNT	n20	5785	Ant1	-4.49	0	-4.49	30	Pass
NVNT	n20	5825	Ant1	-5.69	0	-5.69	30	Pass
NVNT	n40	5755	Ant0	-7.86	0	-7.86	30	Pass
NVNT	n40	5795	Ant0	-8.11	0	-8.11	30	Pass
NVNT	n40	5755	Ant1	-7.62	0	-7.62	30	Pass
NVNT	n40	5795	Ant1	-7.85	0	-7.85	30	Pass
NVNT	ac20	5745	Ant0	-4.55	0	-4.55	30	Pass
NVNT	ac20	5785	Ant0	-5.41	0	-5.41	30	Pass
NVNT	ac20	5825	Ant0	-5.29	0	-5.29	30	Pass
NVNT	ac20	5745	Ant1	-4.89	0	-4.89	30	Pass
NVNT	ac20	5785	Ant1	-4.42	0	-4.42	30	Pass
NVNT	ac20	5825	Ant1	-5.65	0	-5.65	30	Pass
NVNT	ac40	5755	Ant0	-7.69	0	-7.69	30	Pass
NVNT	ac40	5795	Ant0	-8.04	0	-8.04	30	Pass
NVNT	ac40	5755	Ant1	-7.32	0	-7.32	30	Pass
NVNT	ac40	5795	Ant1	-7.94	0	-7.94	30	Pass
NVNT	ac80	5775	Ant0	-10.96	0	-10.96	30	Pass
NVNT	ac80	5775	Ant1	-11.64	0	-11.64	30	Pass

Test Graphs

PSD NVNT a 5745MHz Ant0



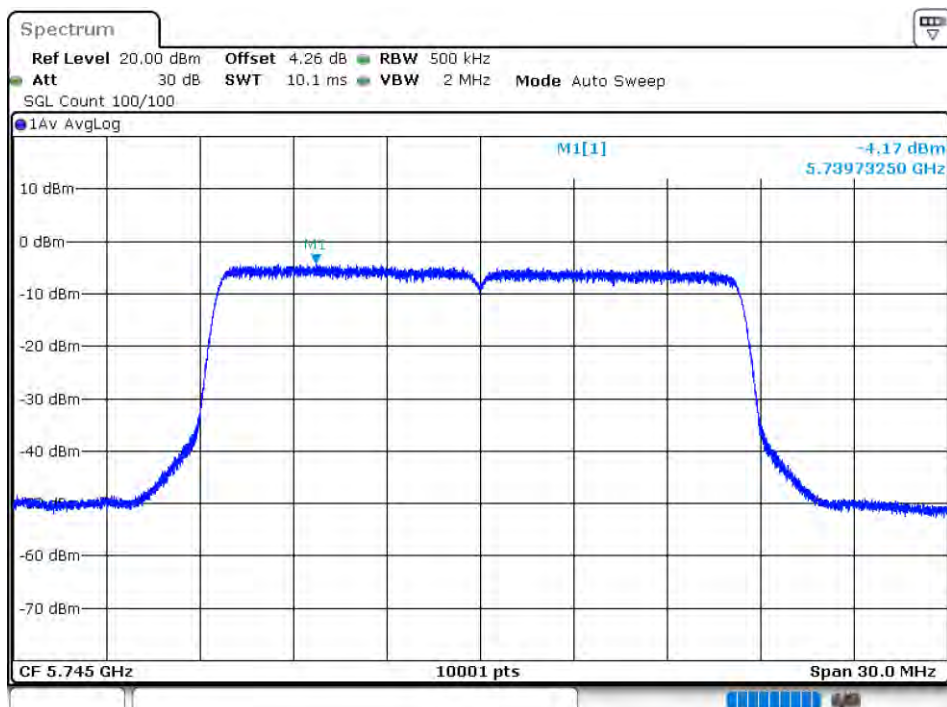
PSD NVNT a 5785MHz Ant0



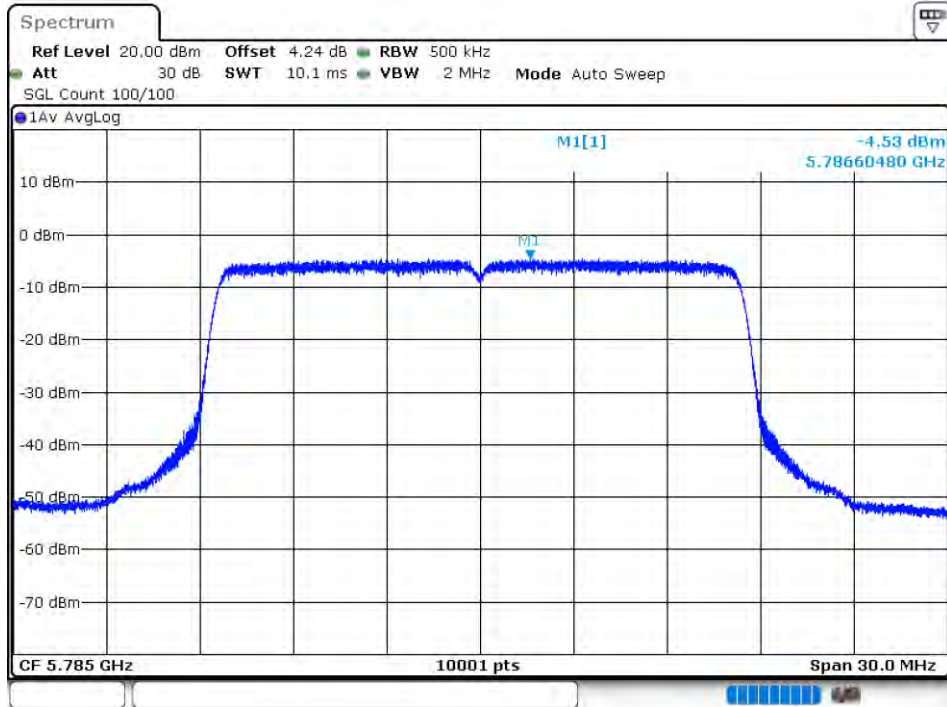
PSD NVNT a 5825MHz Ant0



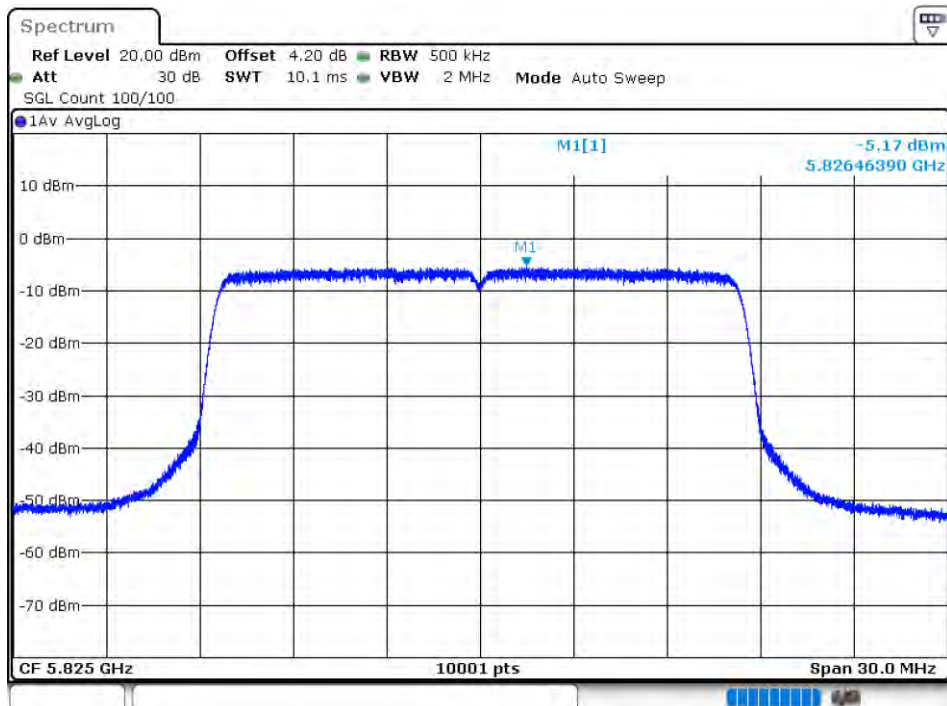
PSD NVNT a 5745MHz Ant1

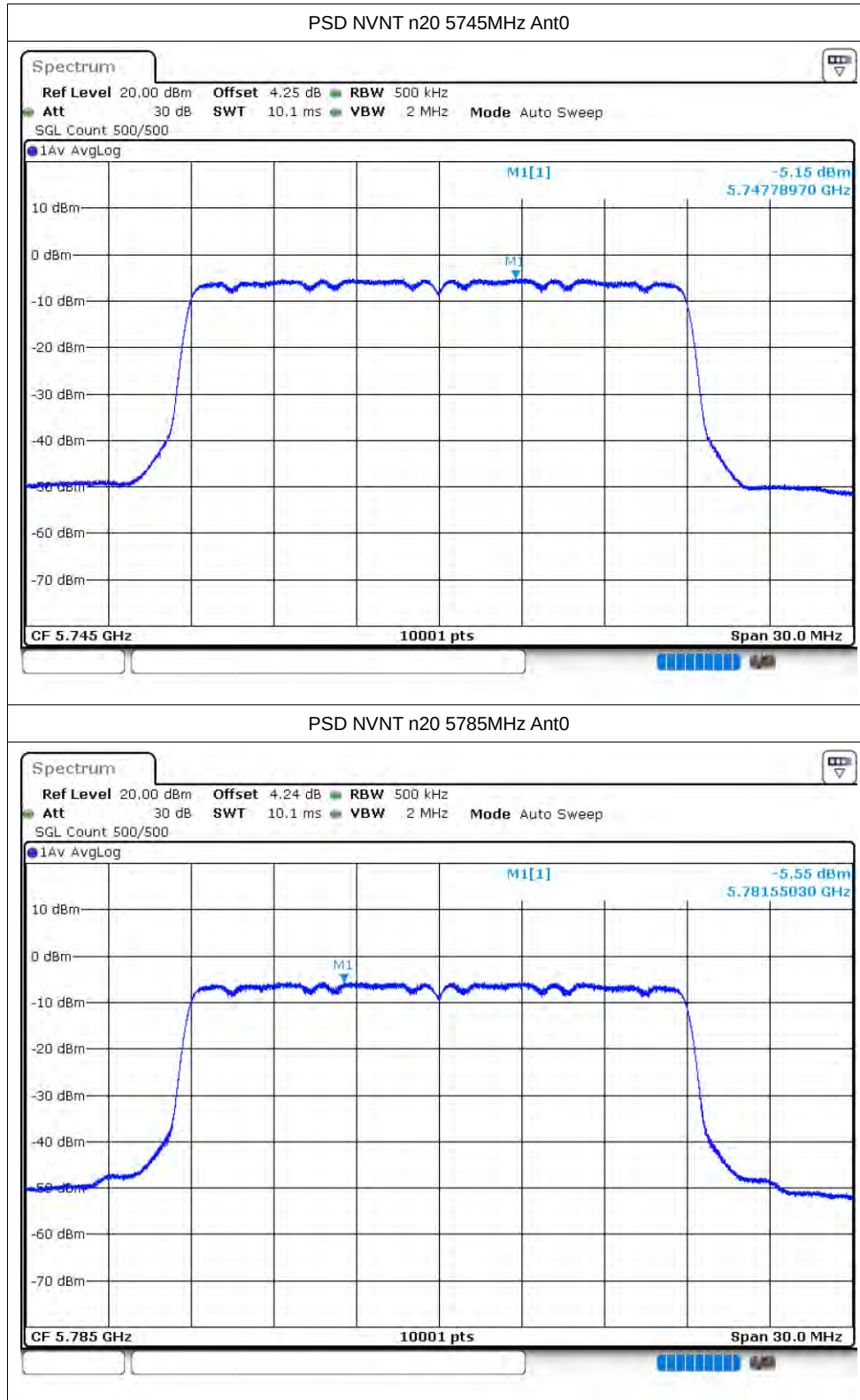


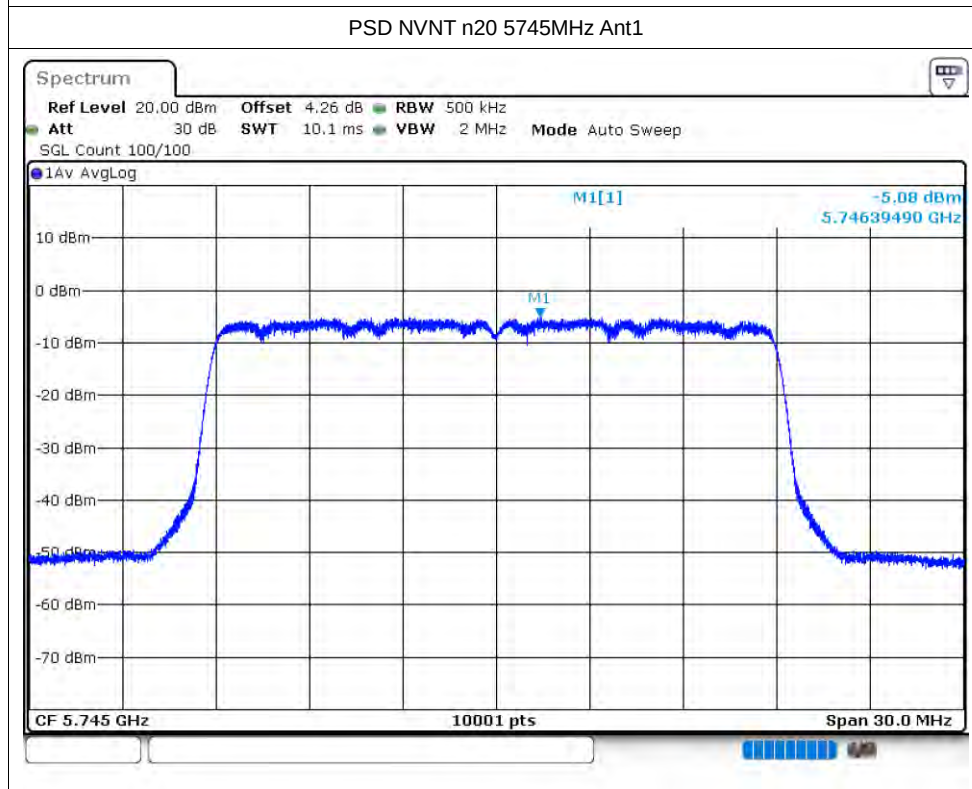
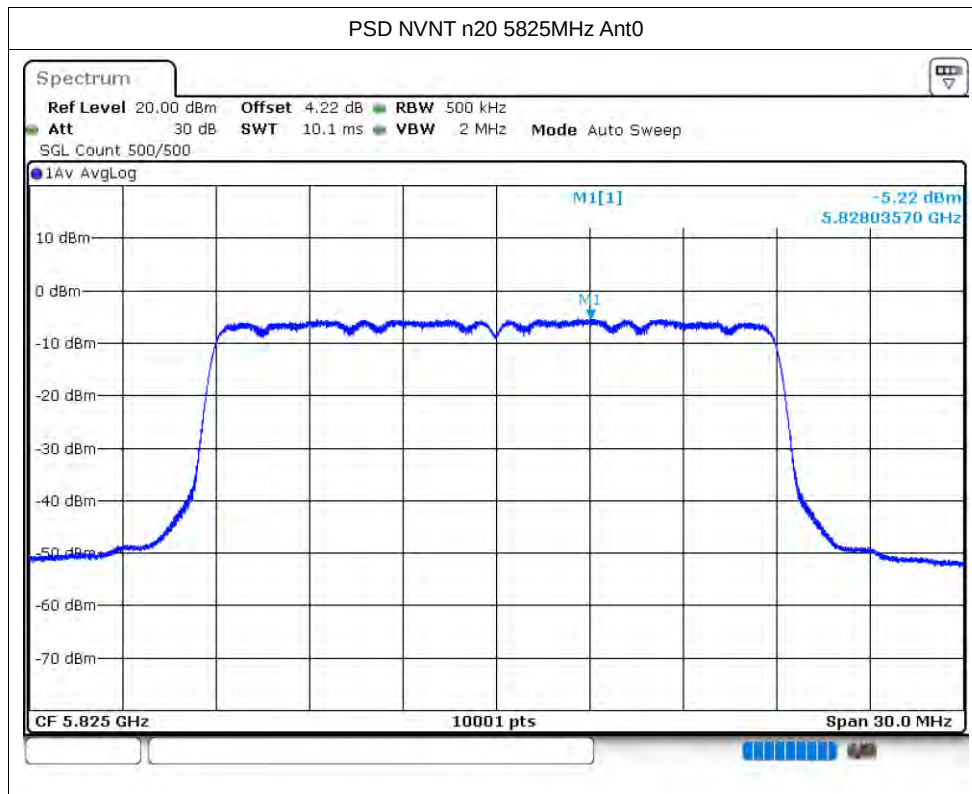
PSD NVNT a 5785MHz Ant1

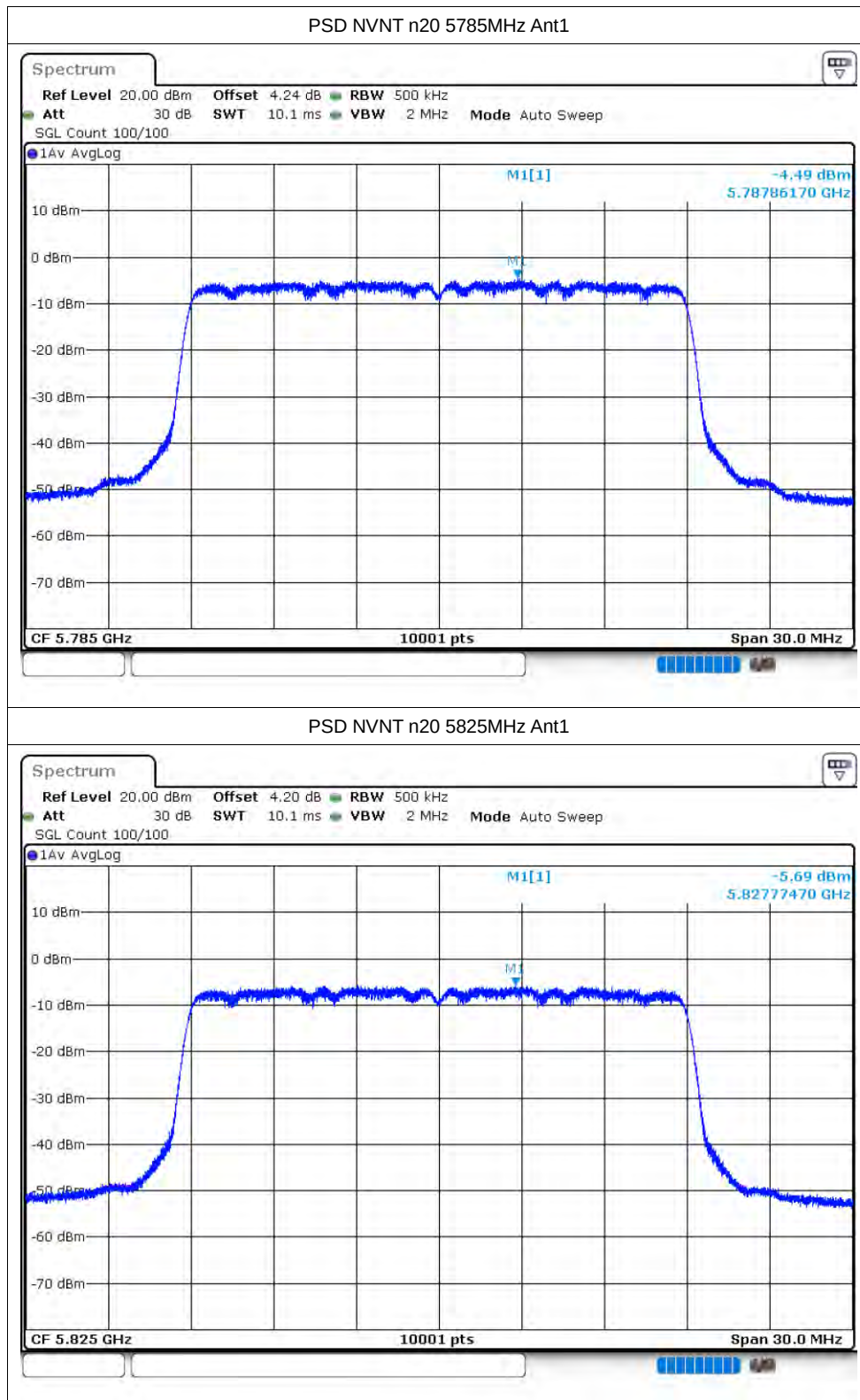


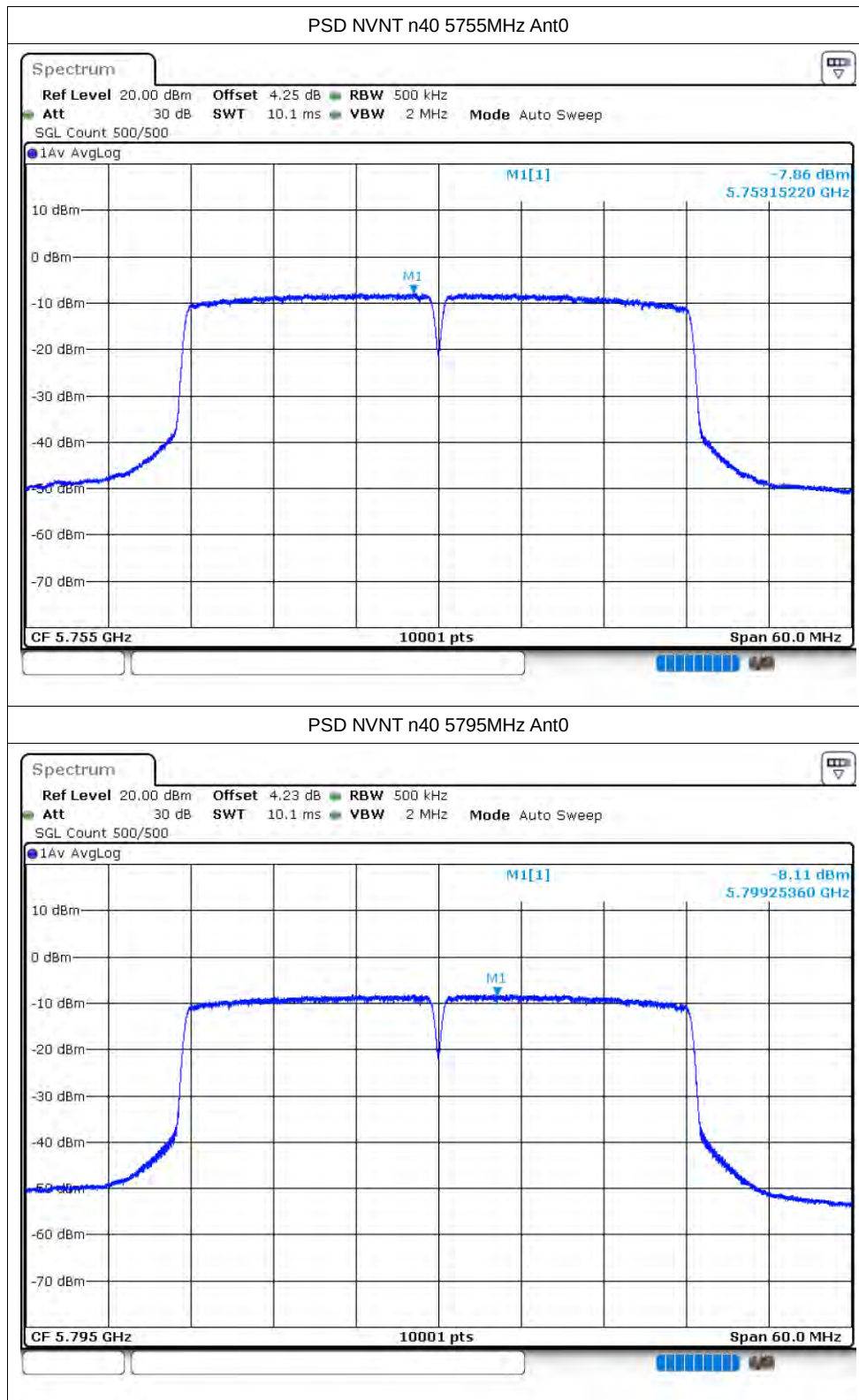
PSD NVNT a 5825MHz Ant1

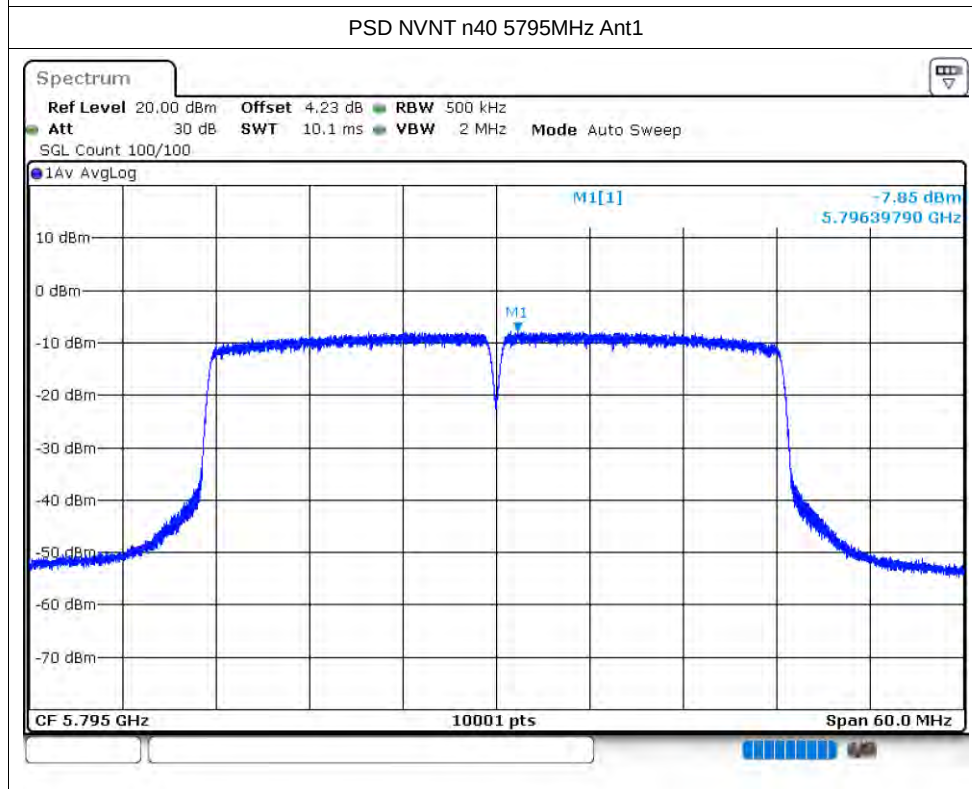
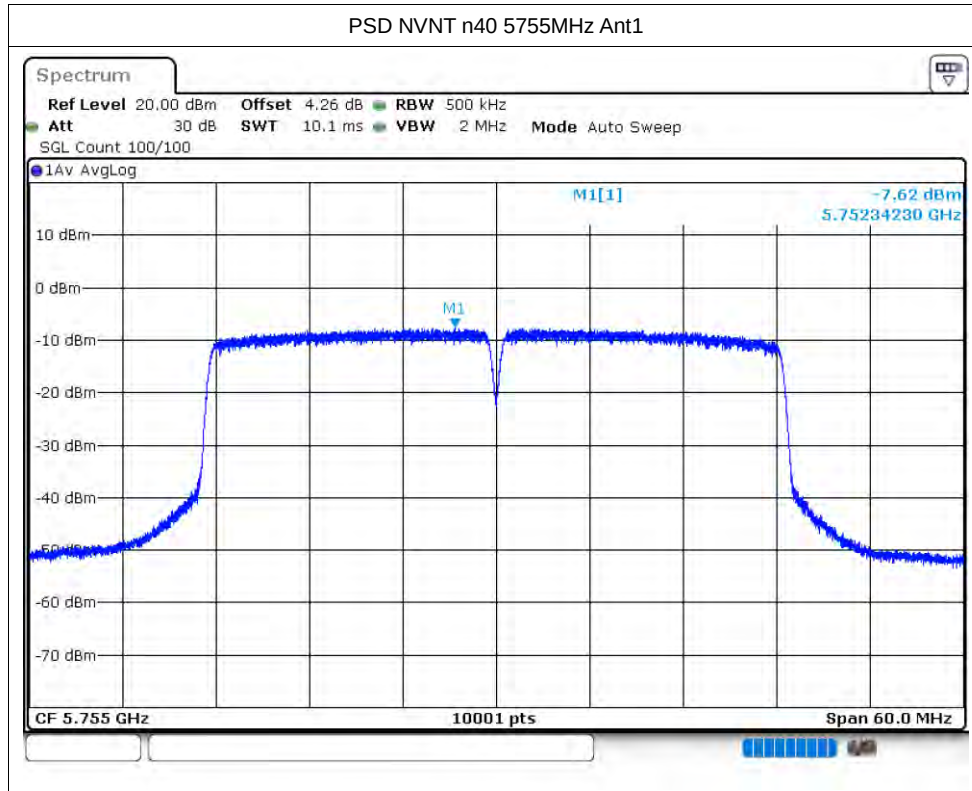


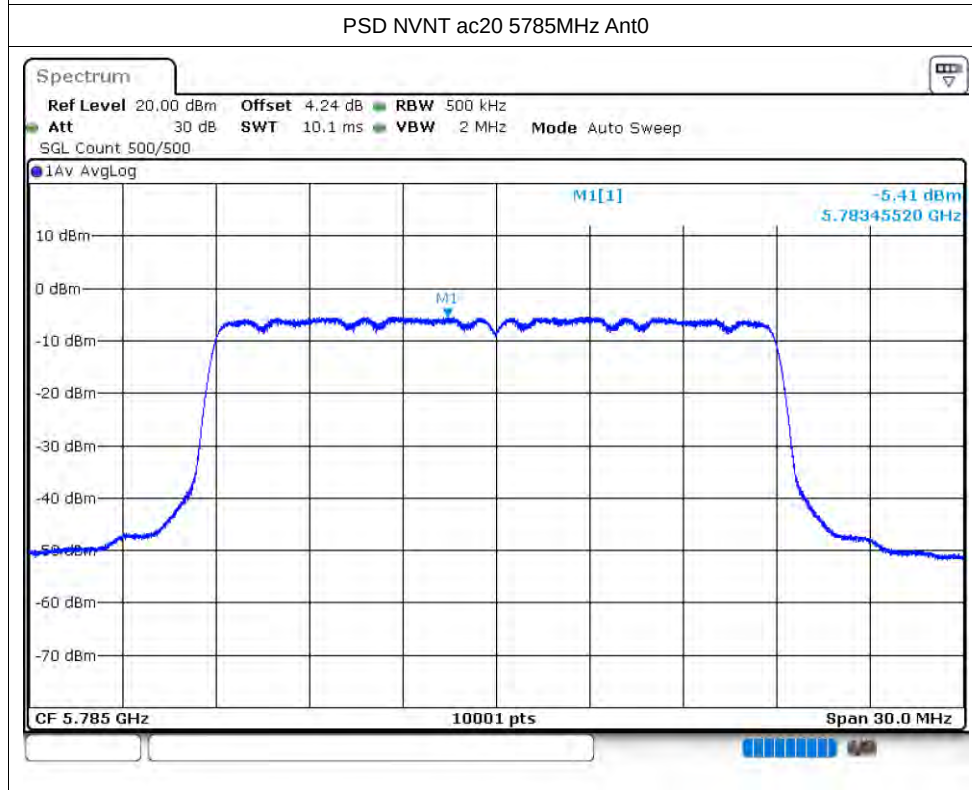
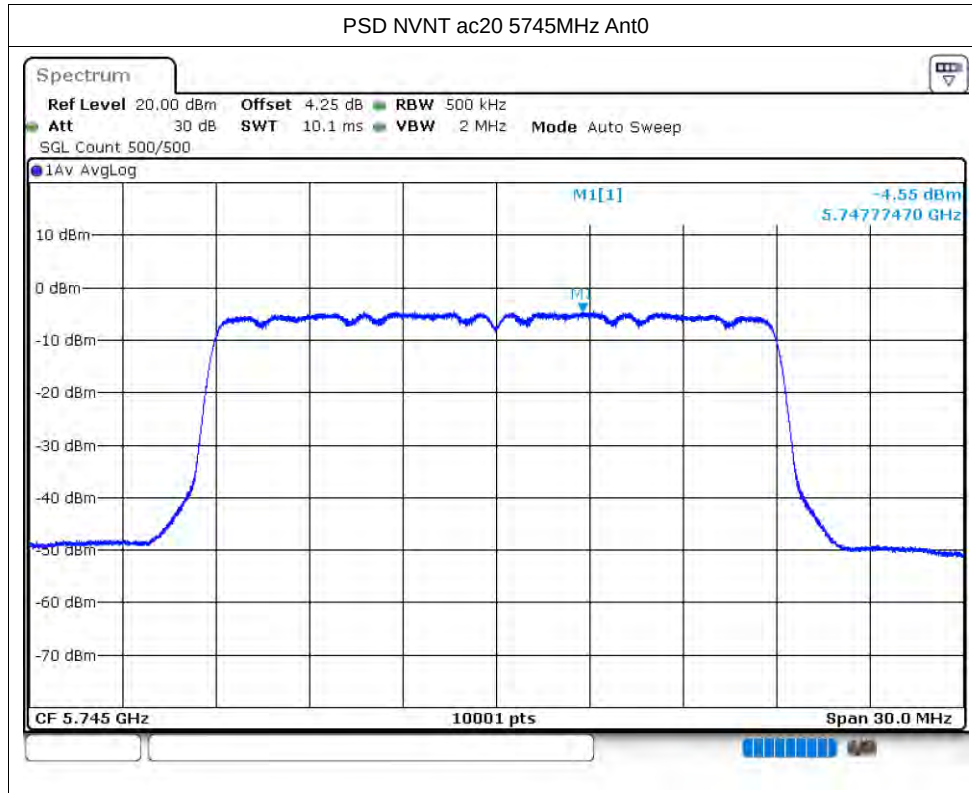


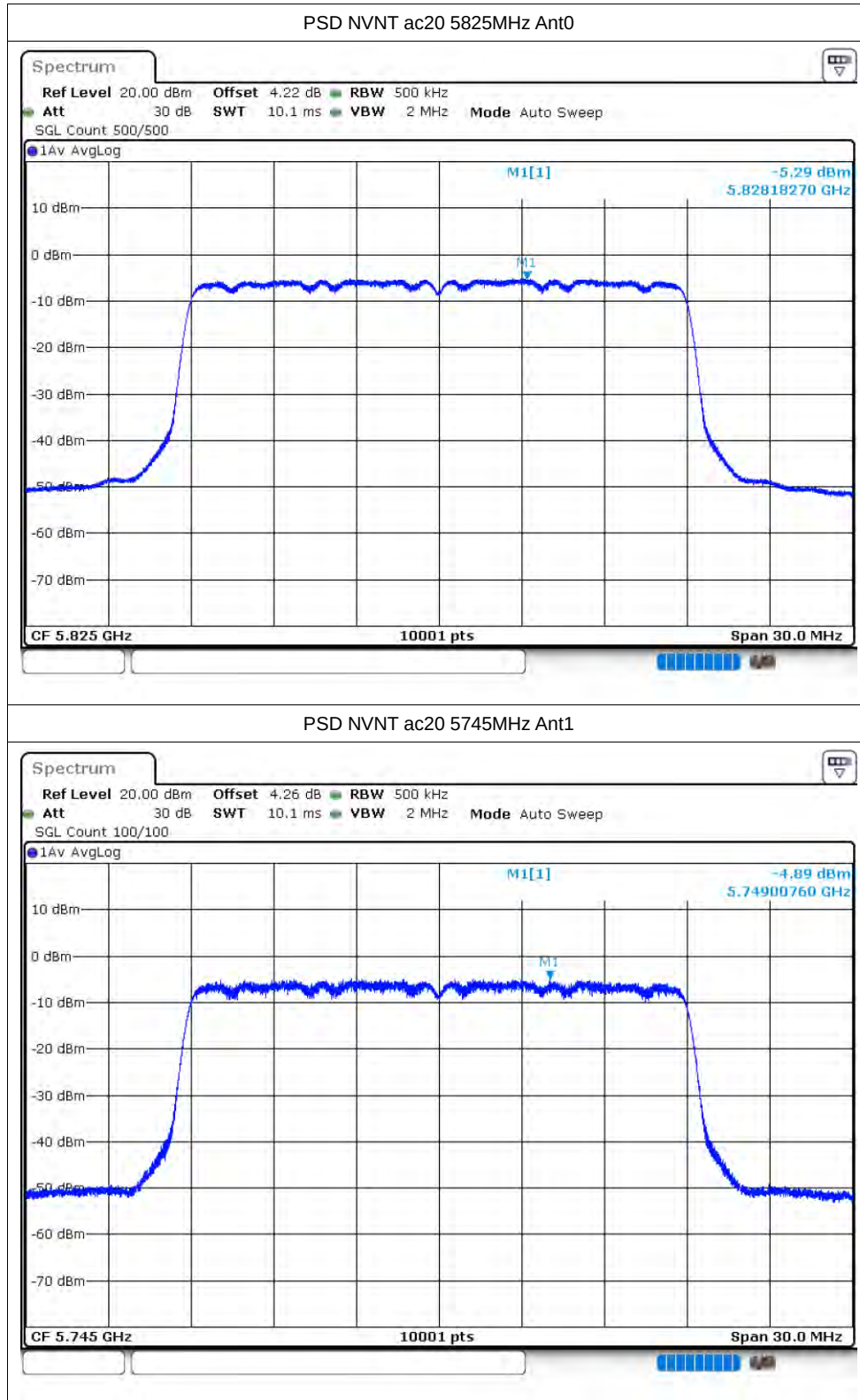


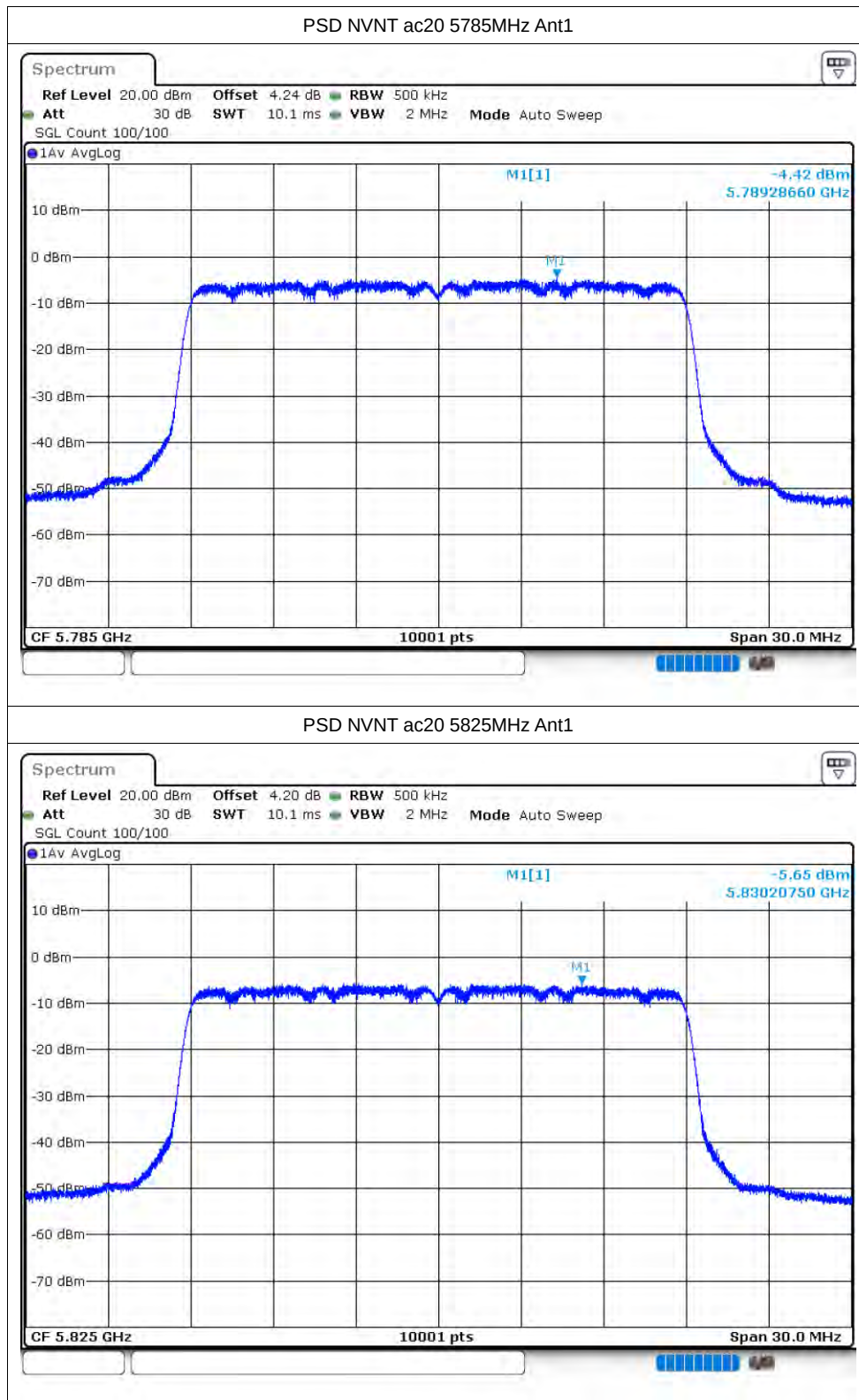


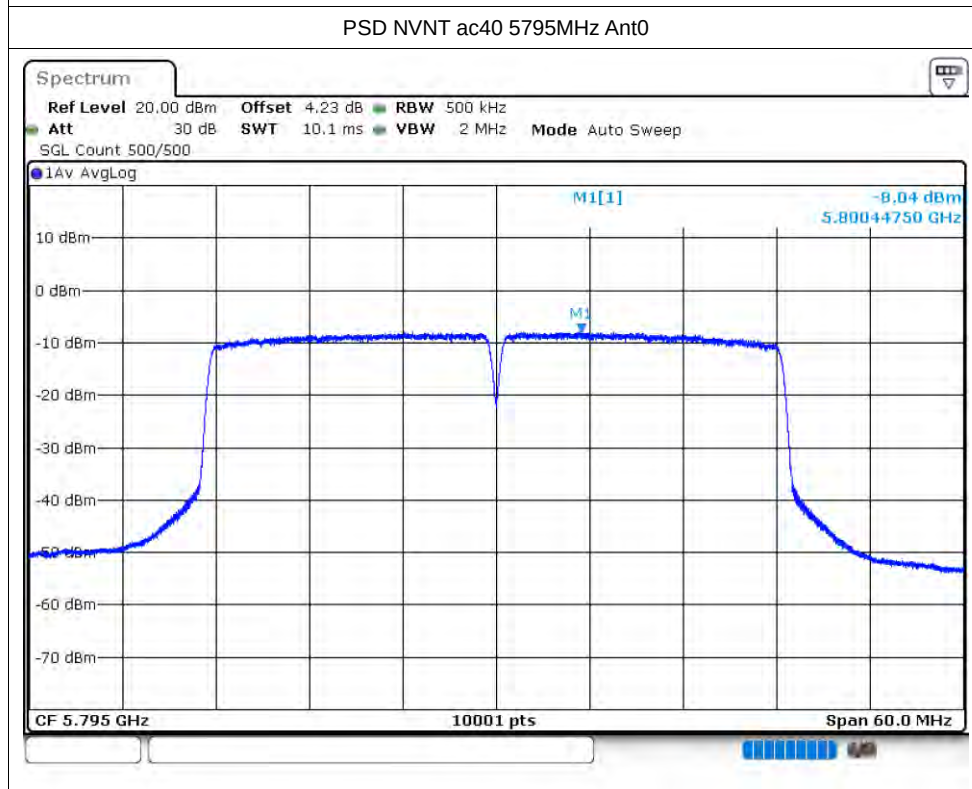
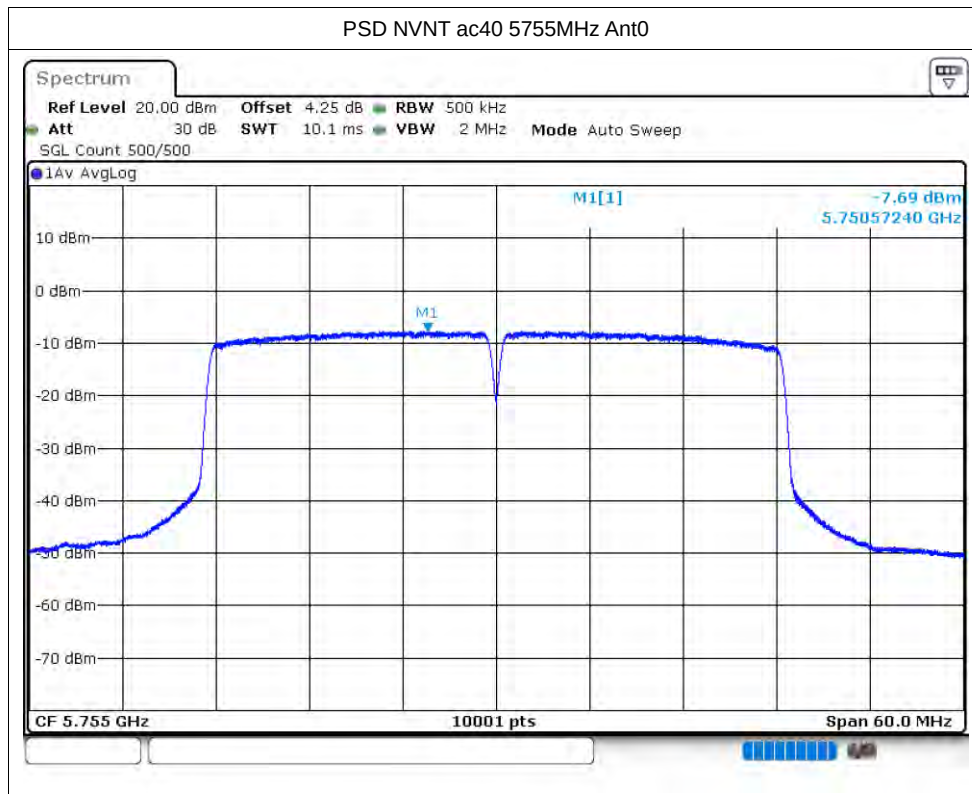


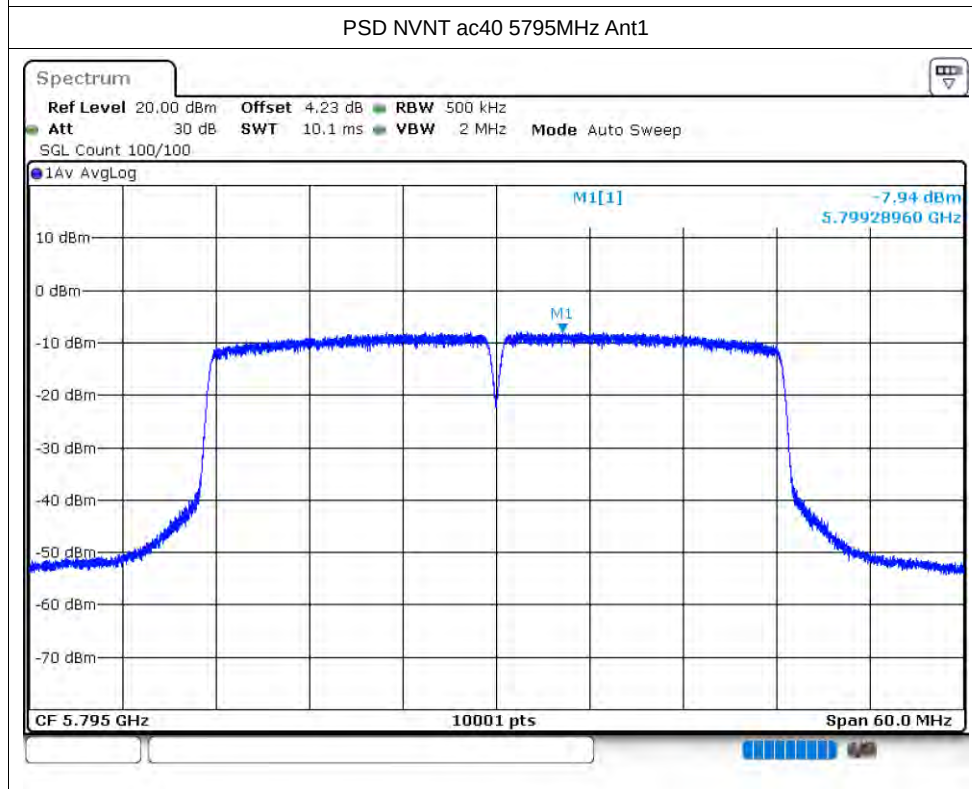
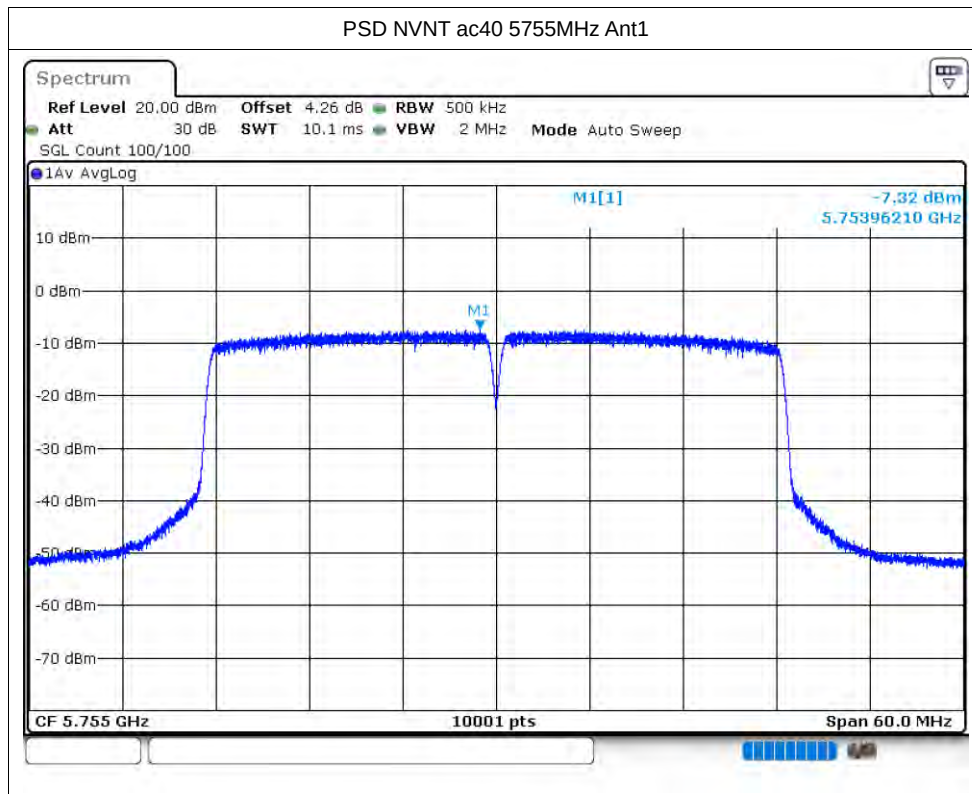


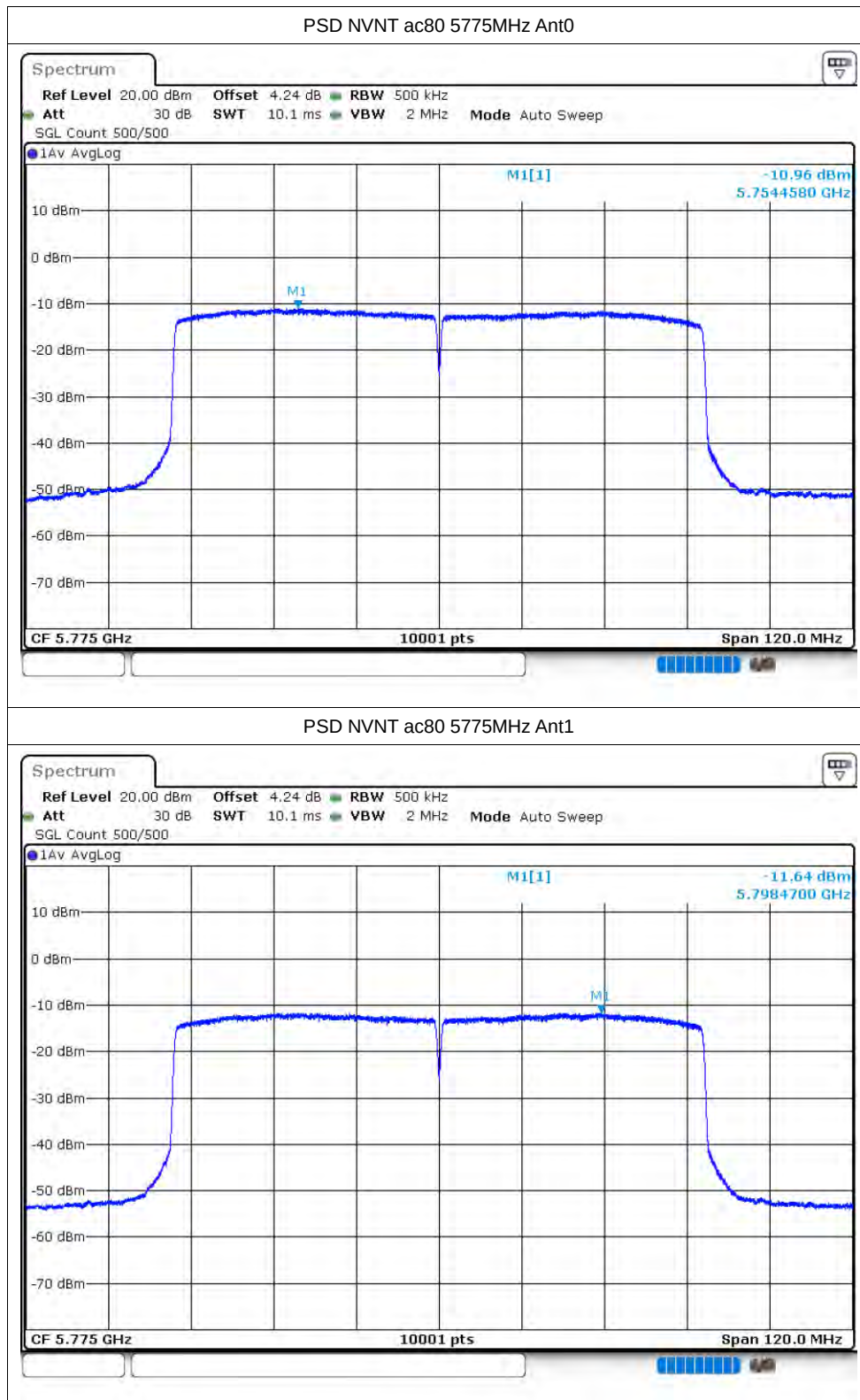












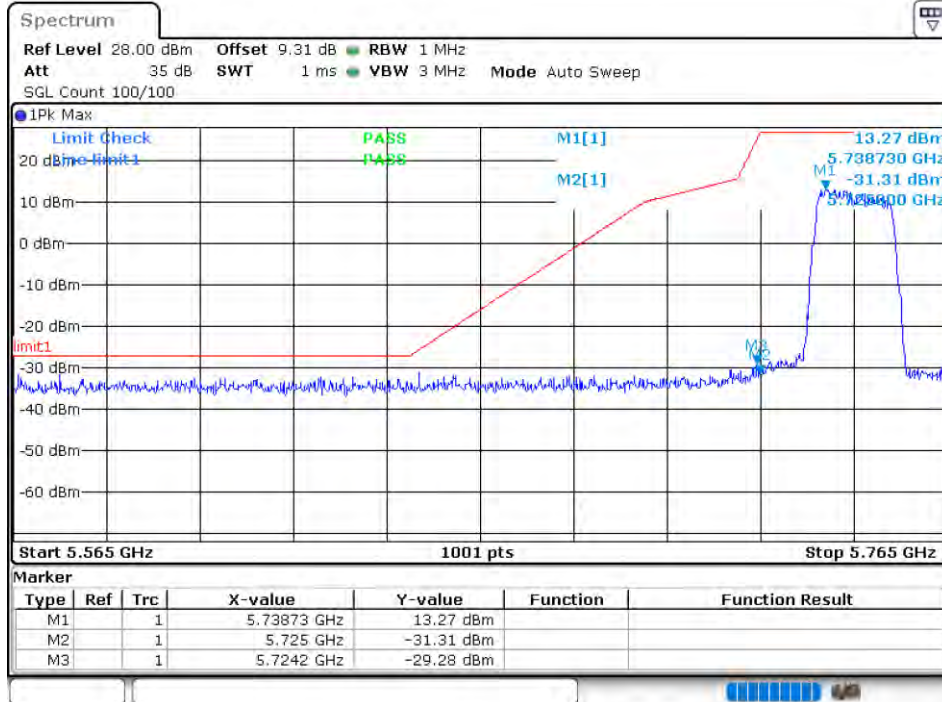
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant0	-29.28	Pass
NVNT	a	5825	Ant0	-29.34	Pass
NVNT	a	5745	Ant1	-30.4	Pass
NVNT	a	5825	Ant1	-29.93	Pass
NVNT	n20	5745	Ant0	-29.25	Pass
NVNT	n20	5825	Ant0	-29.81	Pass
NVNT	n20	5745	Ant1	-30.42	Pass
NVNT	n20	5825	Ant1	-29.22	Pass
NVNT	n40	5755	Ant0	-27.76	Pass
NVNT	n40	5795	Ant0	-29.75	Pass
NVNT	n40	5755	Ant1	-29.58	Pass
NVNT	n40	5795	Ant1	-29.41	Pass
NVNT	ac20	5745	Ant0	-28.55	Pass
NVNT	ac20	5825	Ant0	-29.79	Pass
NVNT	ac20	5745	Ant1	-29.87	Pass
NVNT	ac20	5825	Ant1	-29.1	Pass
NVNT	ac40	5755	Ant0	-29.5	Pass
NVNT	ac40	5795	Ant0	-30.08	Pass
NVNT	ac40	5755	Ant1	-28.96	Pass
NVNT	ac40	5795	Ant1	-28.97	Pass
NVNT	ac80	5775	Ant0	-34.01	Pass
NVNT	ac80	5775	Ant1	-29.66	Pass

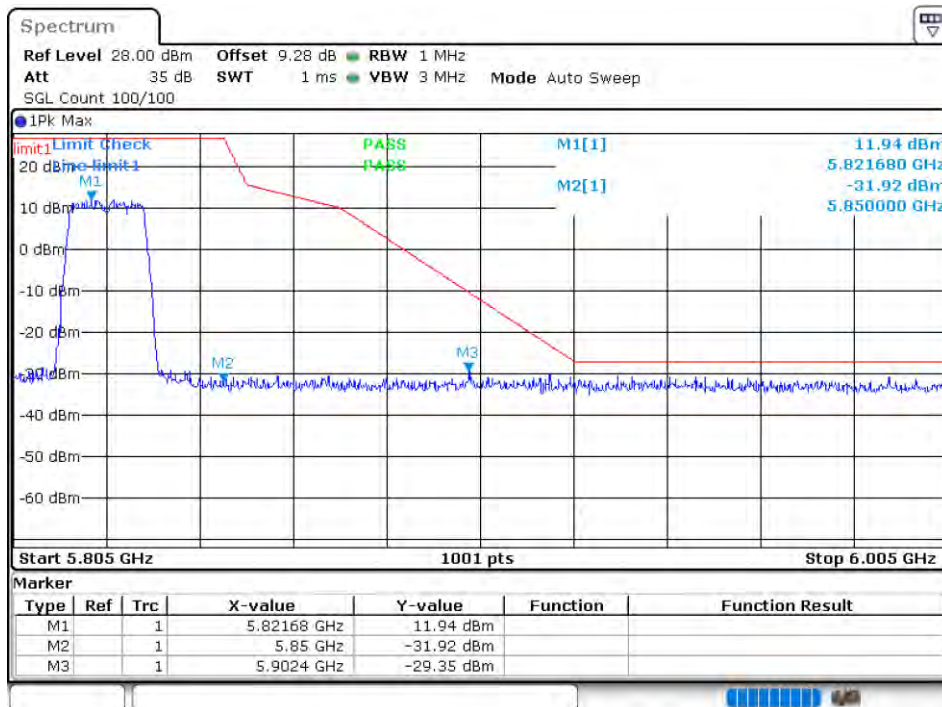
Note: This test has increased antenna gain .

Test Graphs

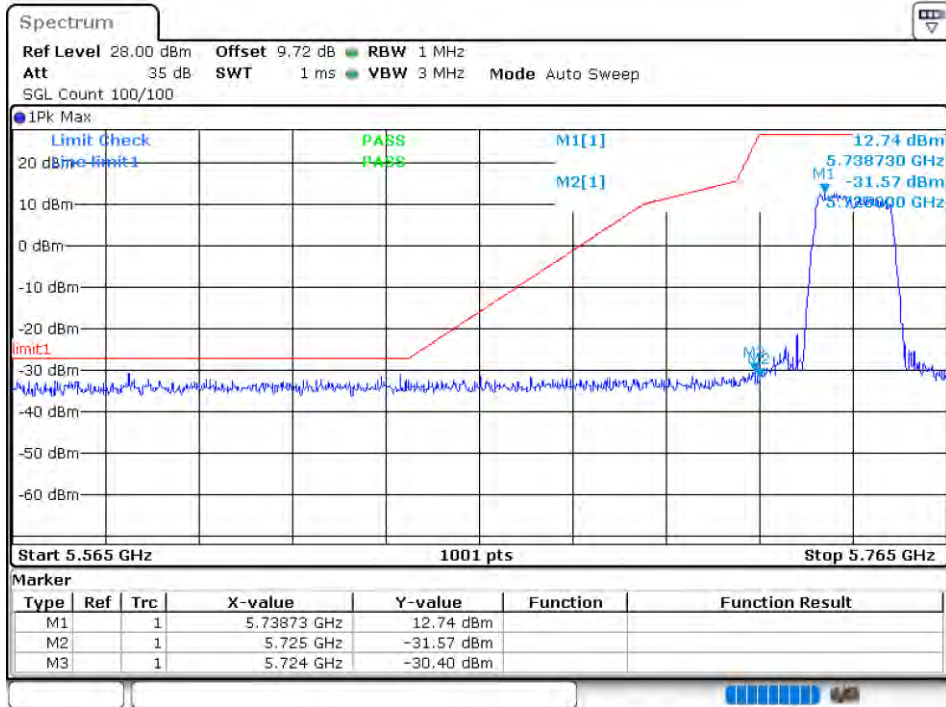
Band Edge NVNT a 5745MHz Low Ant0



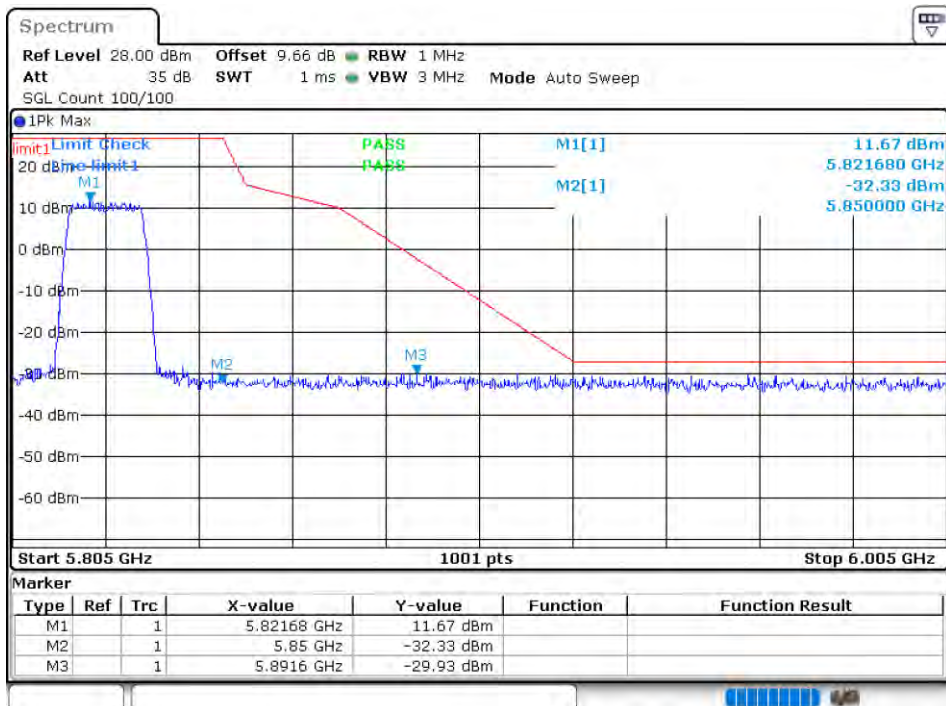
Band Edge NVNT a 5825MHz High Ant0



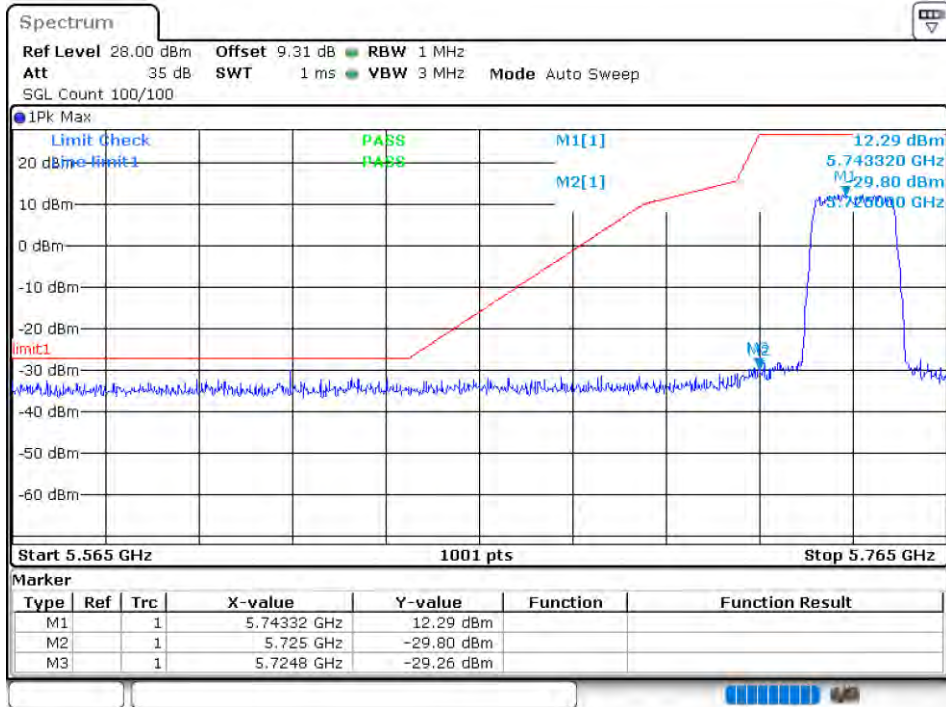
Band Edge NVNT a 5745MHz Low Ant1



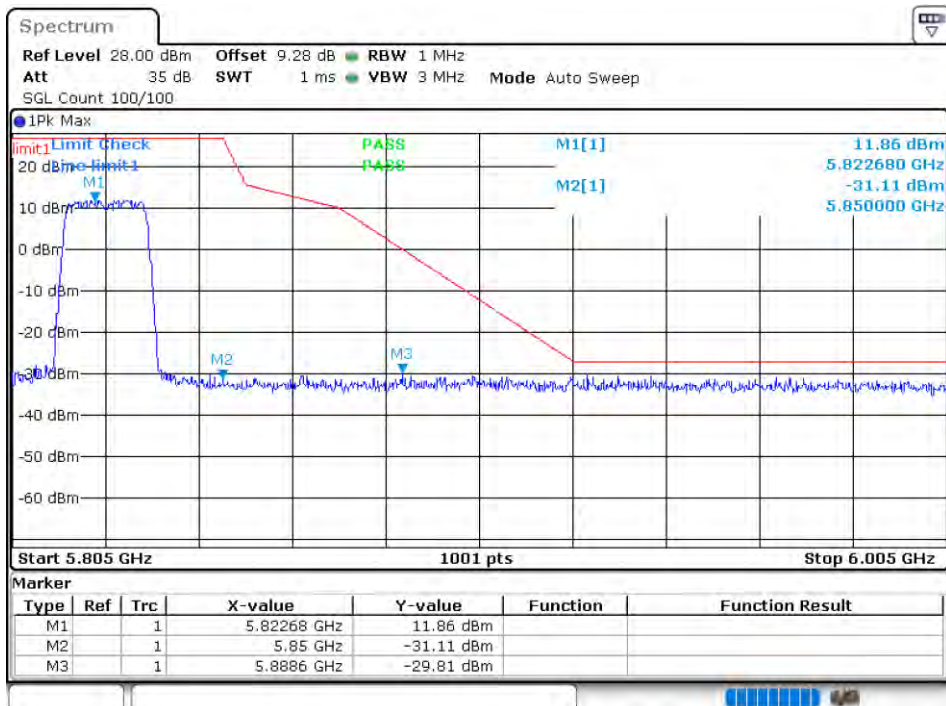
Band Edge NVNT a 5825MHz High Ant1



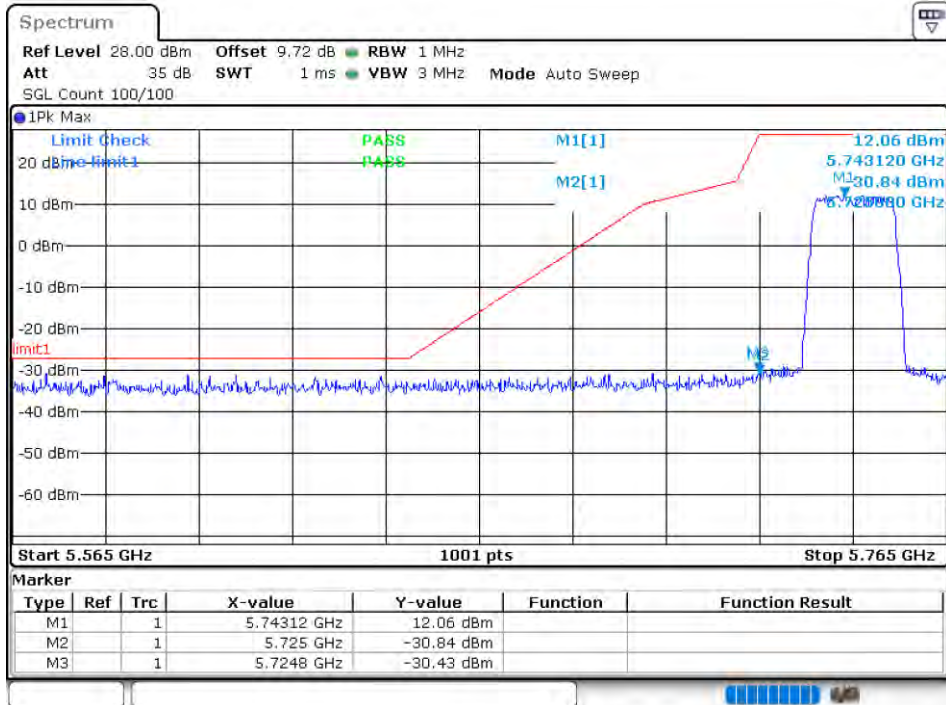
Band Edge NVNT n20 5745MHz Low Ant0



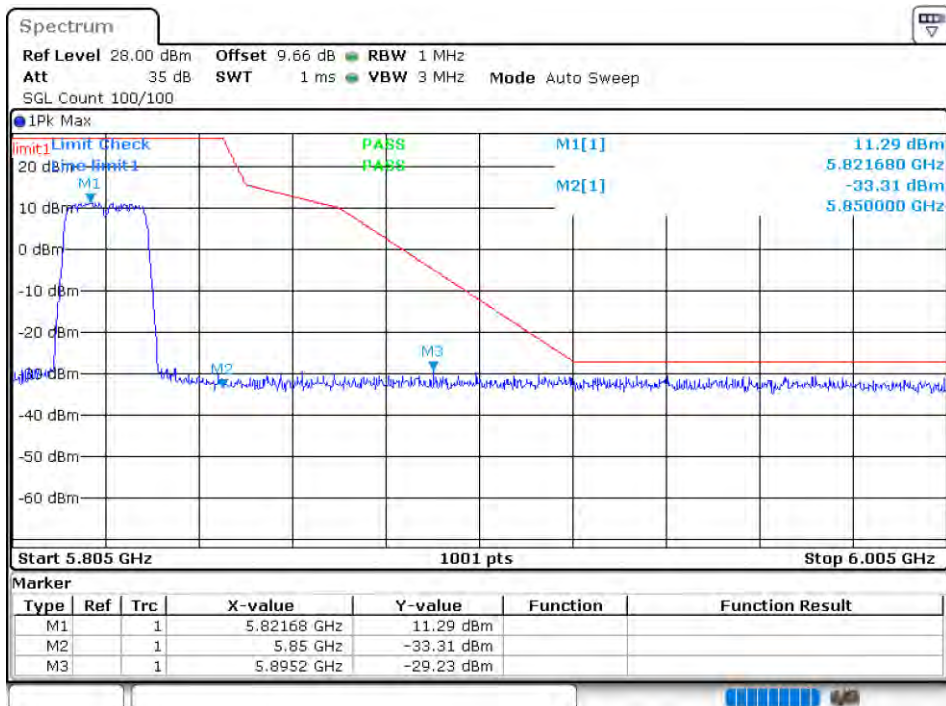
Band Edge NVNT n20 5825MHz High Ant0



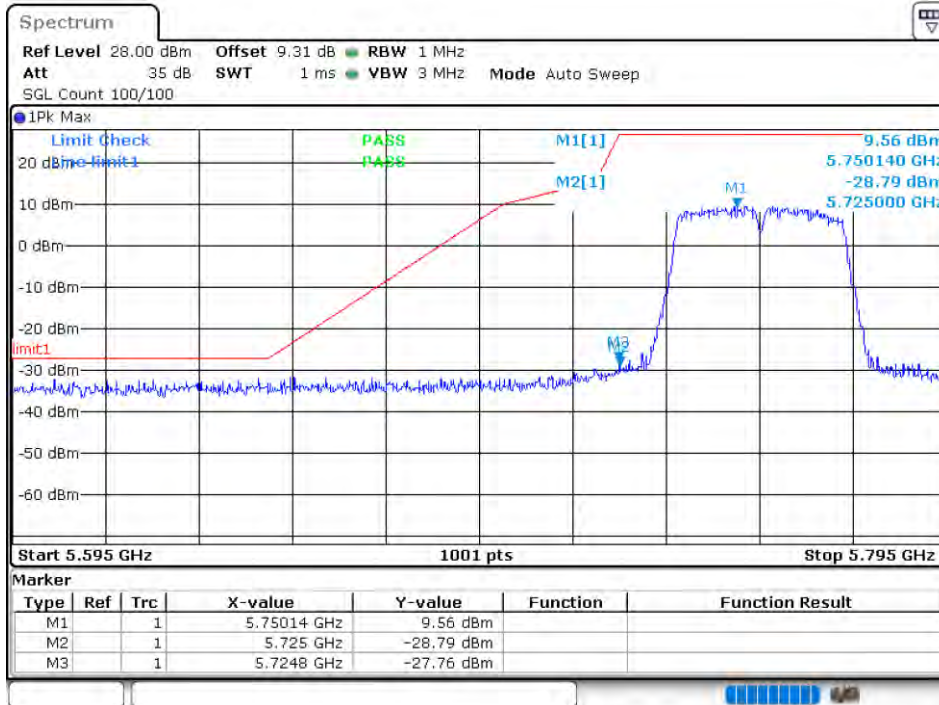
Band Edge NVNT n20 5745MHz Low Ant1



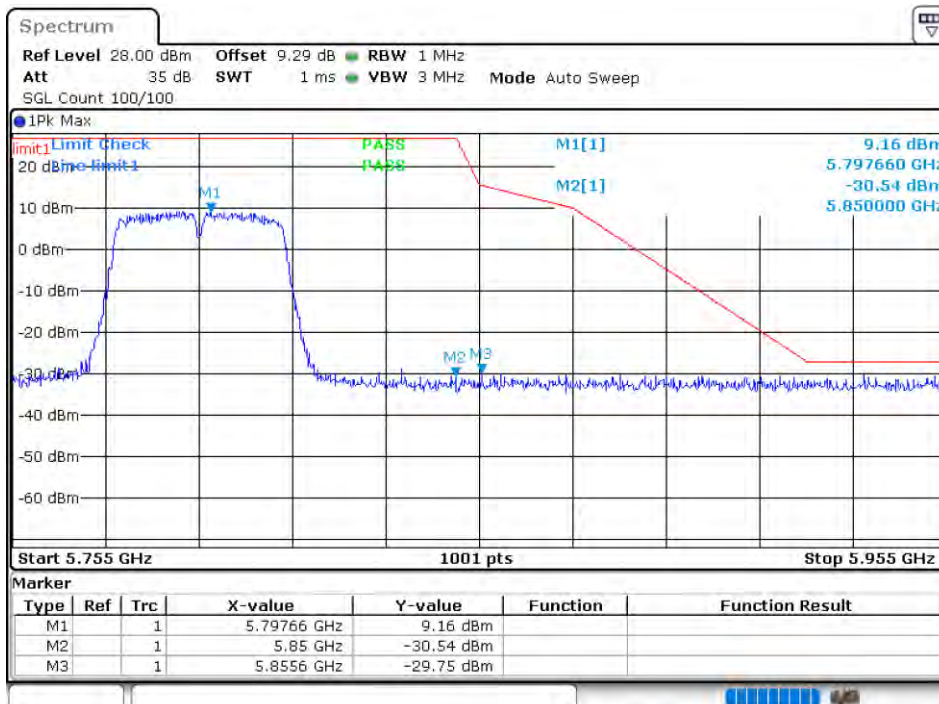
Band Edge NVNT n20 5825MHz High Ant1



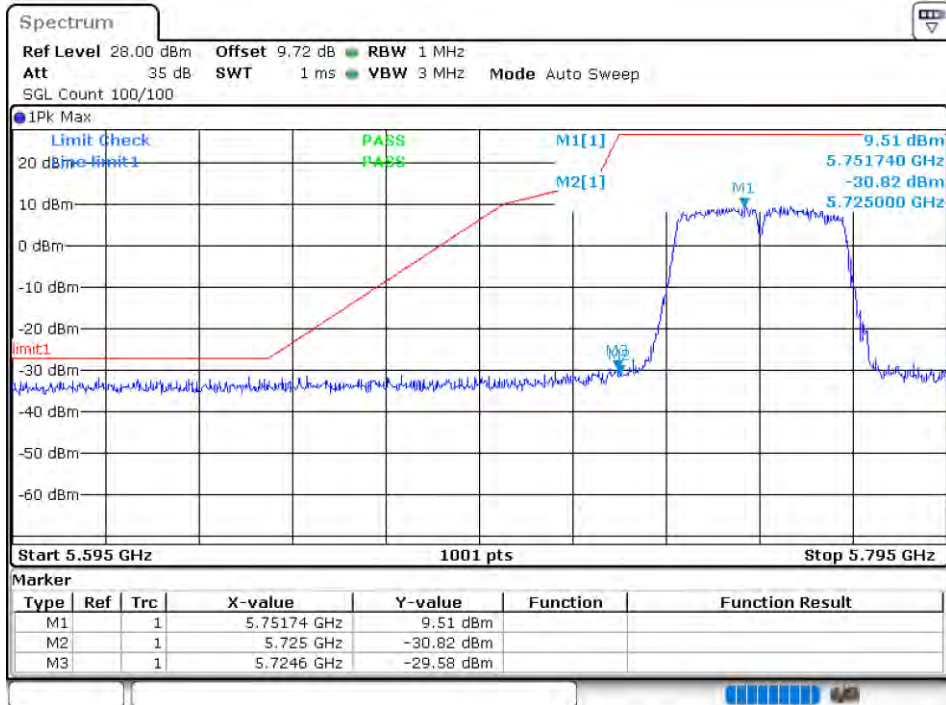
Band Edge NVNT n40 5755MHz Low Ant0



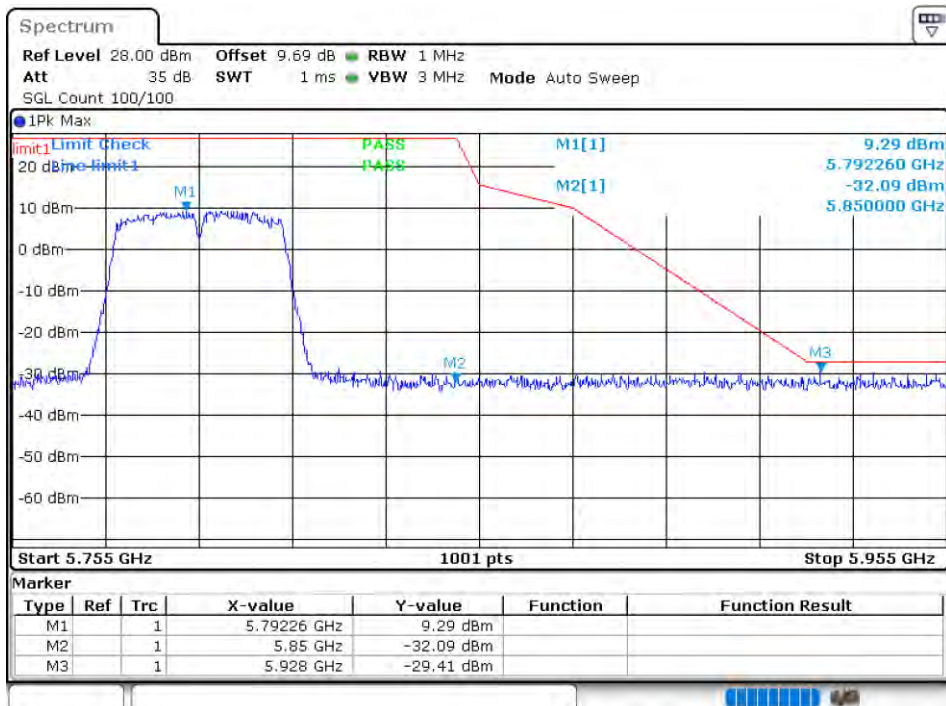
Band Edge NVNT n40 5795MHz High Ant0



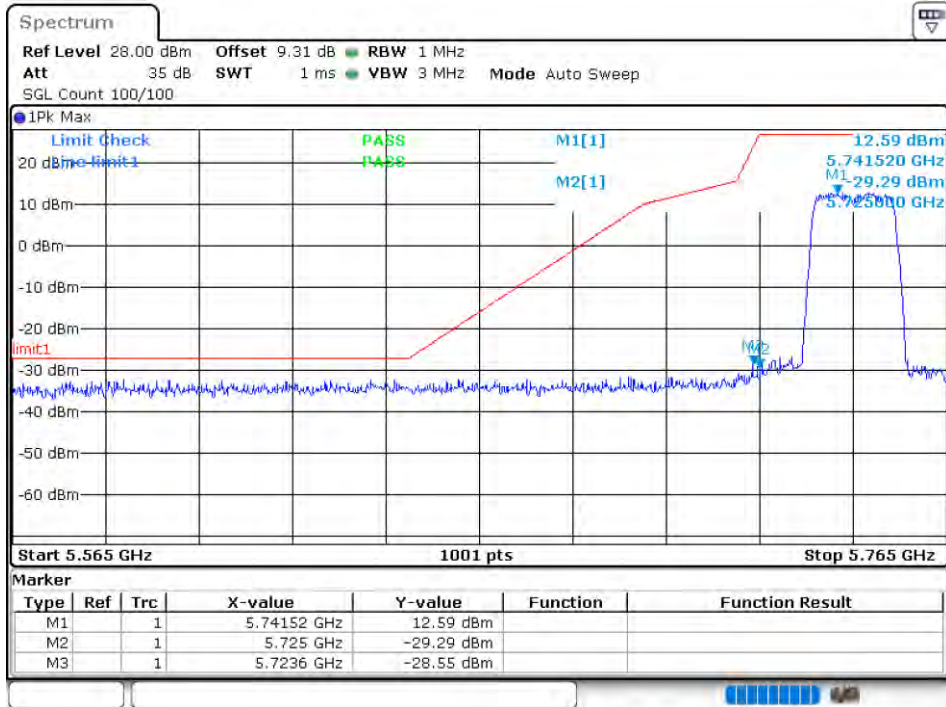
Band Edge NVNT n40 5755MHz Low Ant1



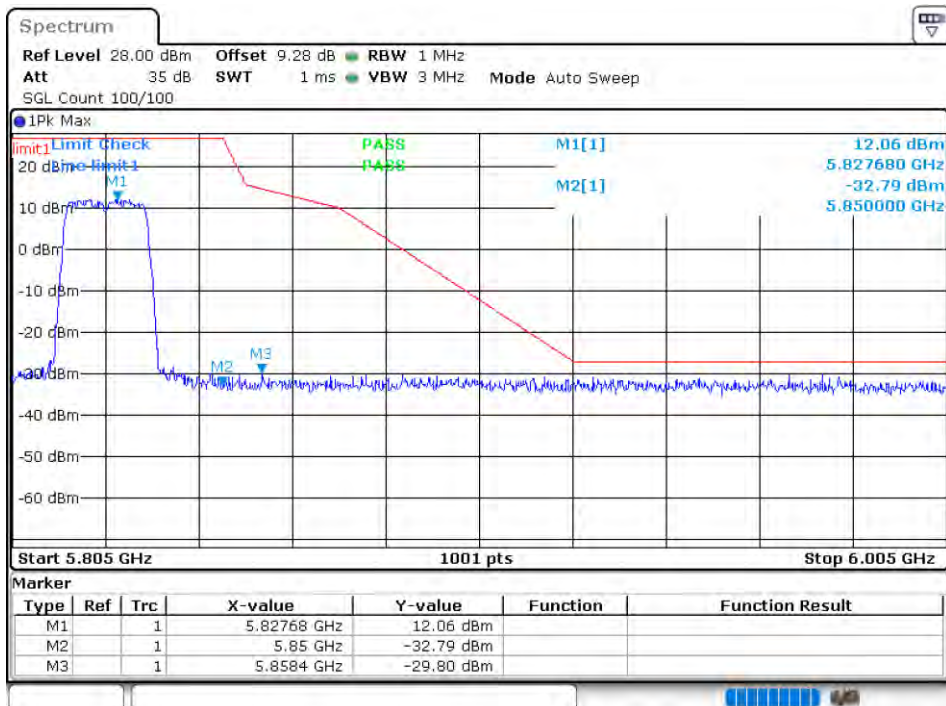
Band Edge NVNT n40 5795MHz High Ant1



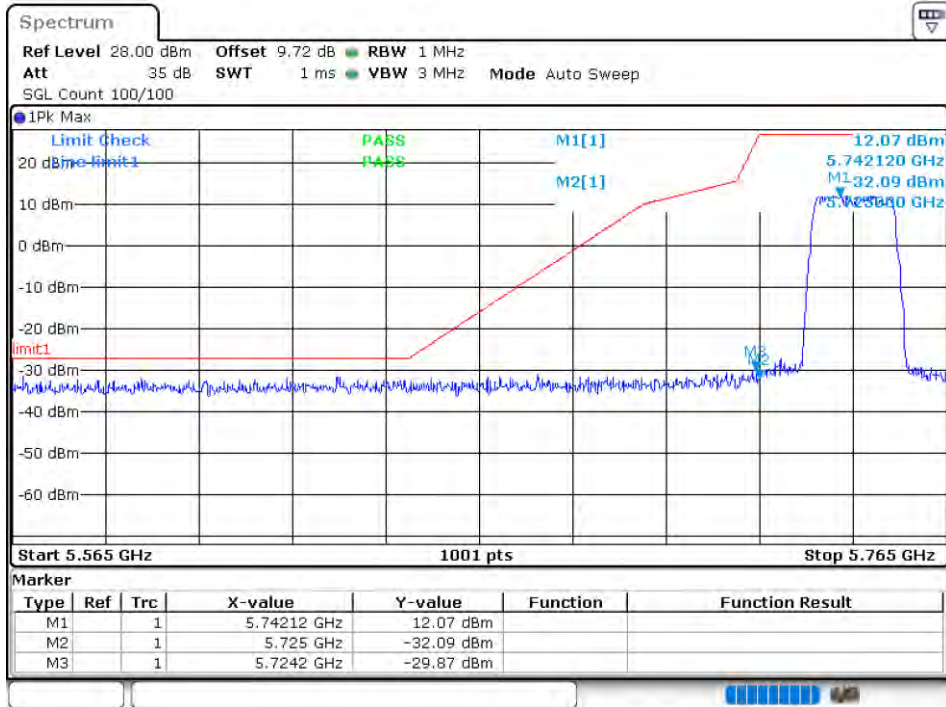
Band Edge NVNT ac20 5745MHz Low Ant0



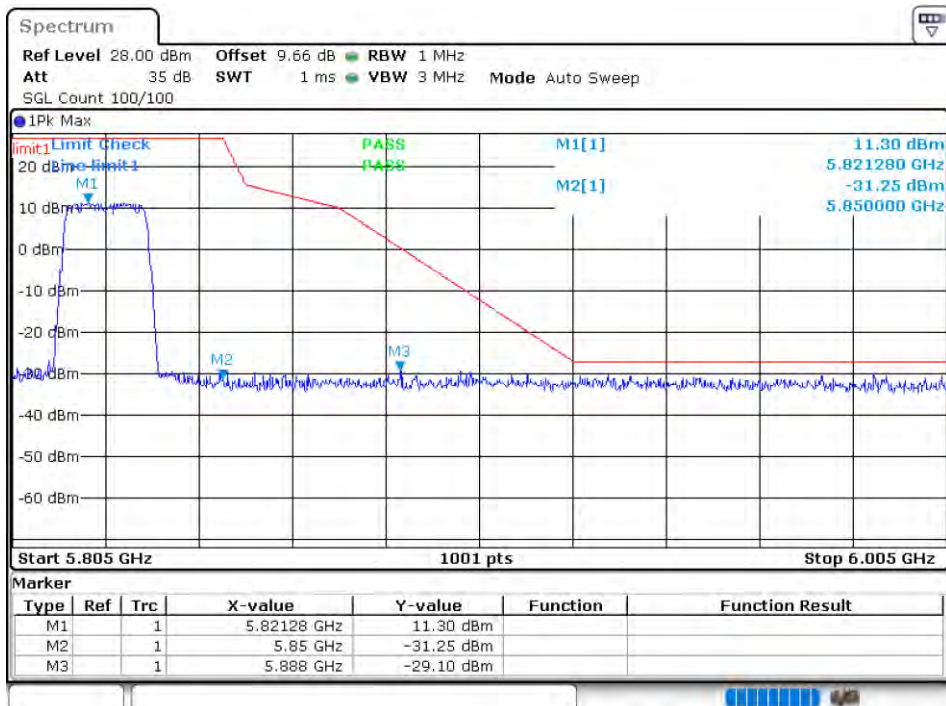
Band Edge NVNT ac20 5825MHz High Ant0



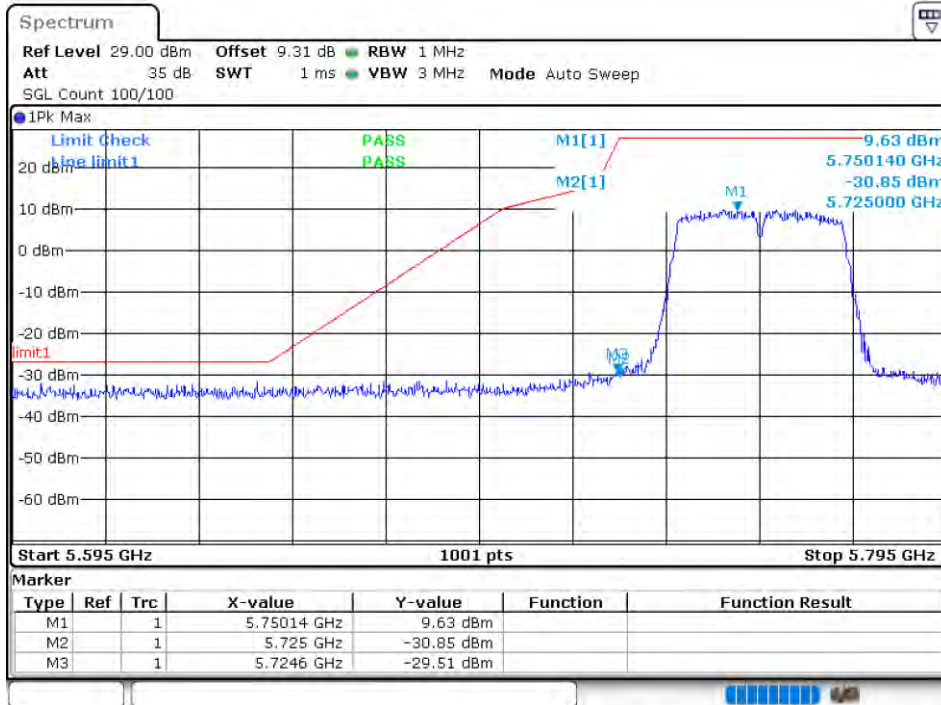
Band Edge NVNT ac20 5745MHz Low Ant1



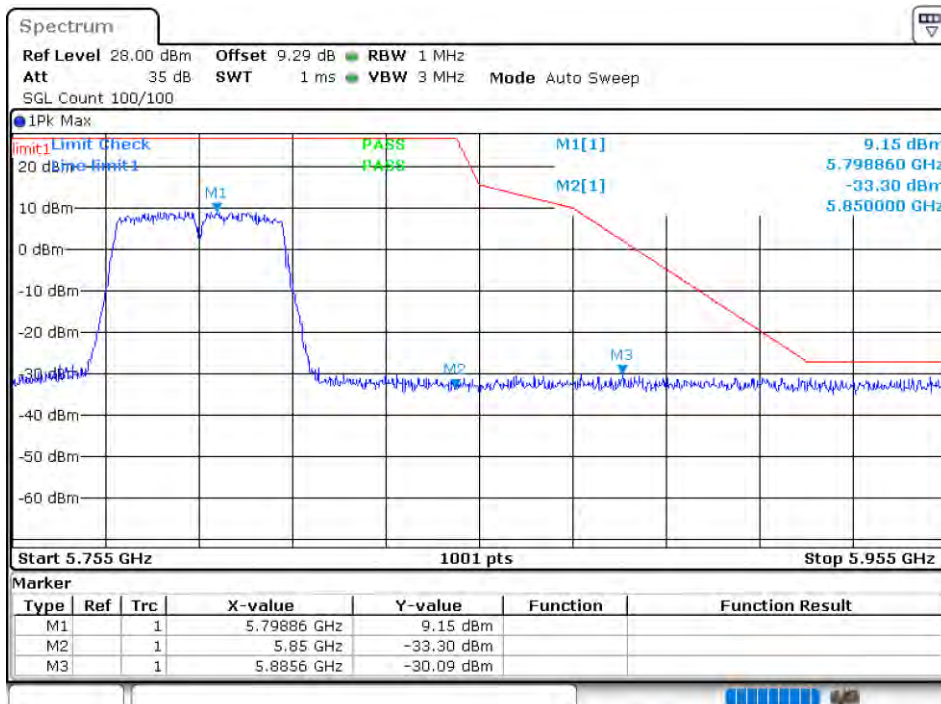
Band Edge NVNT ac20 5825MHz High Ant1



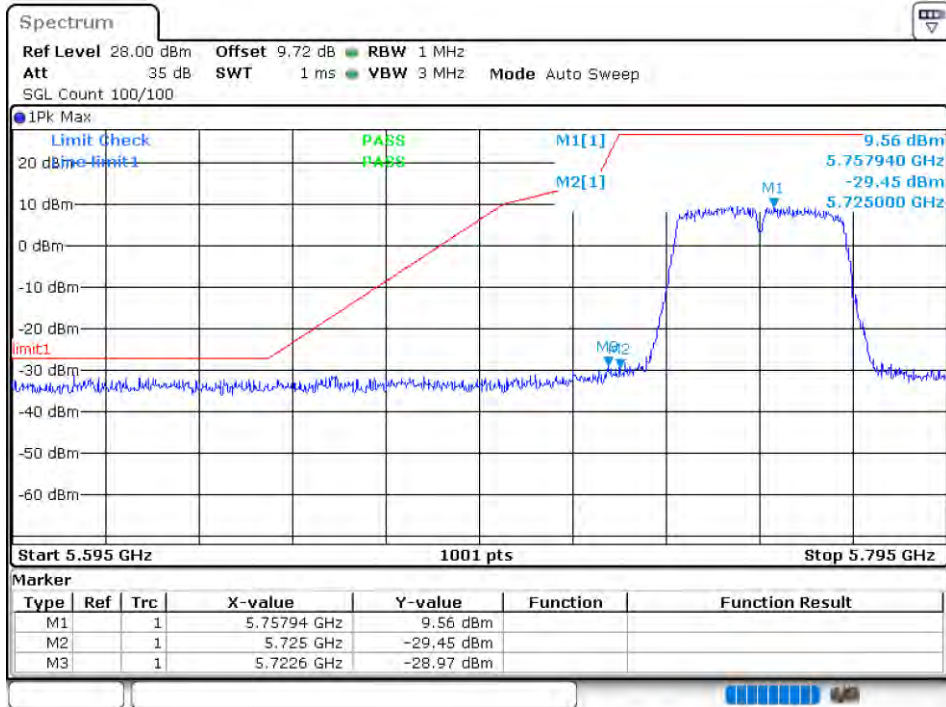
Band Edge NVNT ac40 5755MHz Low Ant0



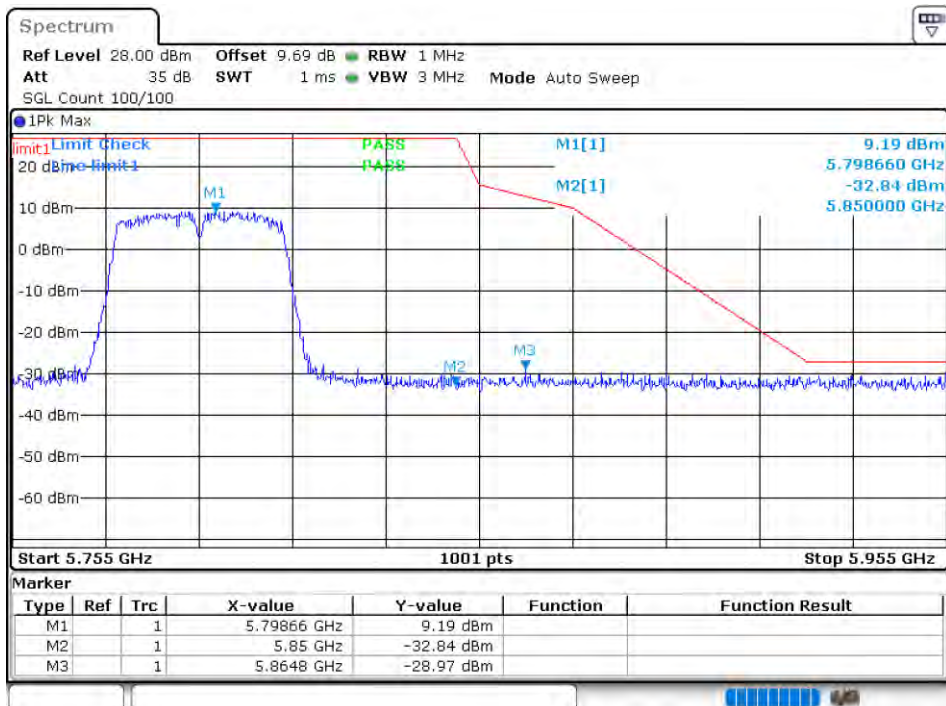
Band Edge NVNT ac40 5795MHz High Ant0



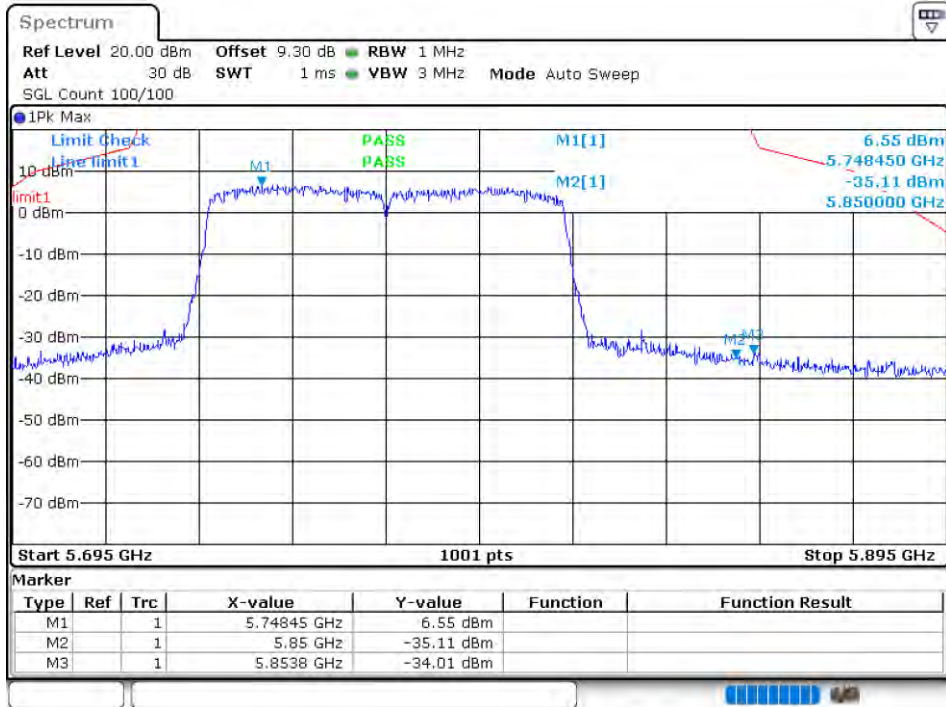
Band Edge NVNT ac40 5755MHz Low Ant1



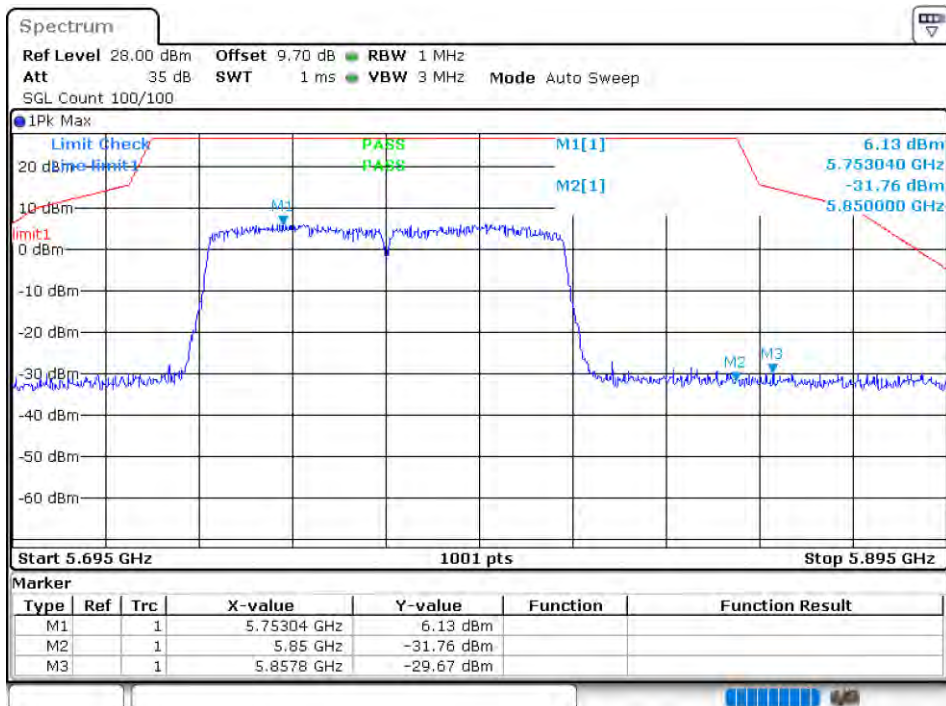
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant0



Band Edge NVNT ac80 5775MHz High Ant1



5.8G WIFI-MIMO

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant0	11.51	--	Pass
NVNT	ac20	5745	Ant1	10.71	--	Pass
NVNT	ac20	5745	Sum	14.14	27.73	Pass
NVNT	ac20	5785	Ant0	11.22	--	Pass
NVNT	ac20	5785	Ant1	9.97	--	Pass
NVNT	ac20	5785	Sum	13.65	27.73	Pass
NVNT	ac20	5825	Ant0	10.57	--	Pass
NVNT	ac20	5825	Ant1	9.4	--	Pass
NVNT	ac20	5825	Sum	13.03	27.73	Pass
NVNT	ac40	5755	Ant0	11.63	--	Pass
NVNT	ac40	5755	Ant1	10.66	--	Pass
NVNT	ac40	5755	Sum	14.18	27.73	Pass
NVNT	ac40	5795	Ant0	10.94	--	Pass
NVNT	ac40	5795	Ant1	9.5	--	Pass
NVNT	ac40	5795	Sum	13.29	27.73	Pass
NVNT	ac80	5775	Ant0	11.55	--	Pass
NVNT	ac80	5775	Ant1	9.82	--	Pass
NVNT	ac80	5775	Sum	13.78	27.73	Pass
NVNT	n20	5745	Ant0	11.2	--	Pass
NVNT	n20	5745	Ant1	10.58	--	Pass
NVNT	n20	5745	Sum	13.91	27.73	Pass
NVNT	n20	5785	Ant0	11.26	--	Pass
NVNT	n20	5785	Ant1	9.99	--	Pass
NVNT	n20	5785	Sum	13.68	27.73	Pass
NVNT	n20	5825	Ant0	10.85	--	Pass
NVNT	n20	5825	Ant1	9.47	--	Pass
NVNT	n20	5825	Sum	13.22	27.73	Pass
NVNT	n40	5755	Ant0	11.72	--	Pass
NVNT	n40	5755	Ant1	10.76	--	Pass
NVNT	n40	5755	Sum	14.28	27.73	Pass
NVNT	n40	5795	Ant0	11.27	--	Pass
NVNT	n40	5795	Ant1	9.75	--	Pass
NVNT	n40	5795	Sum	13.59	27.73	Pass

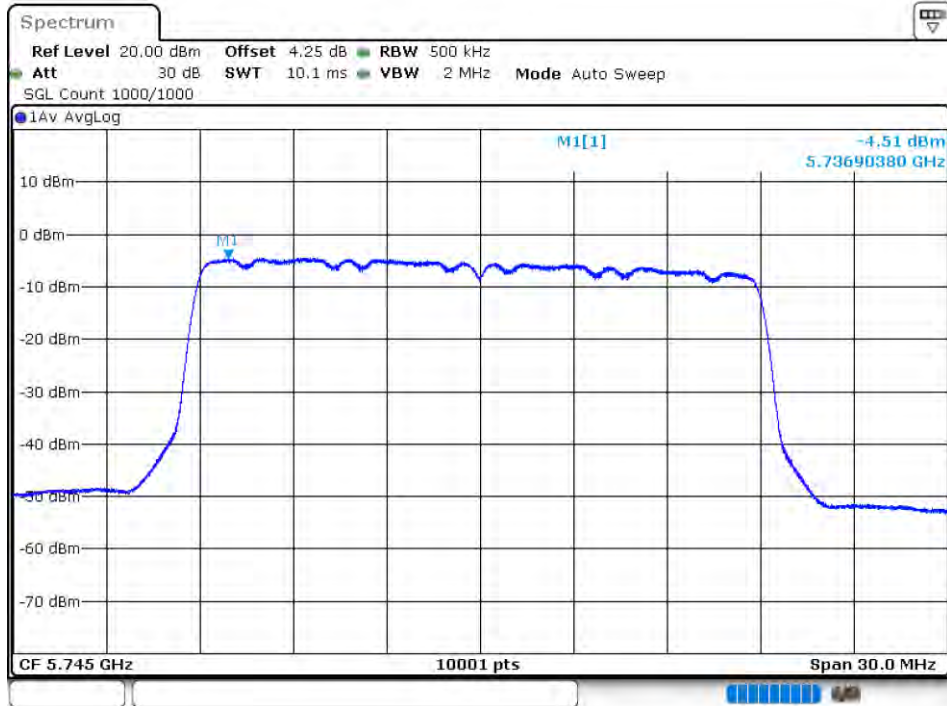
Note: The average power value already includes the duty cycle factor

Maximum Power Spectral Density Level

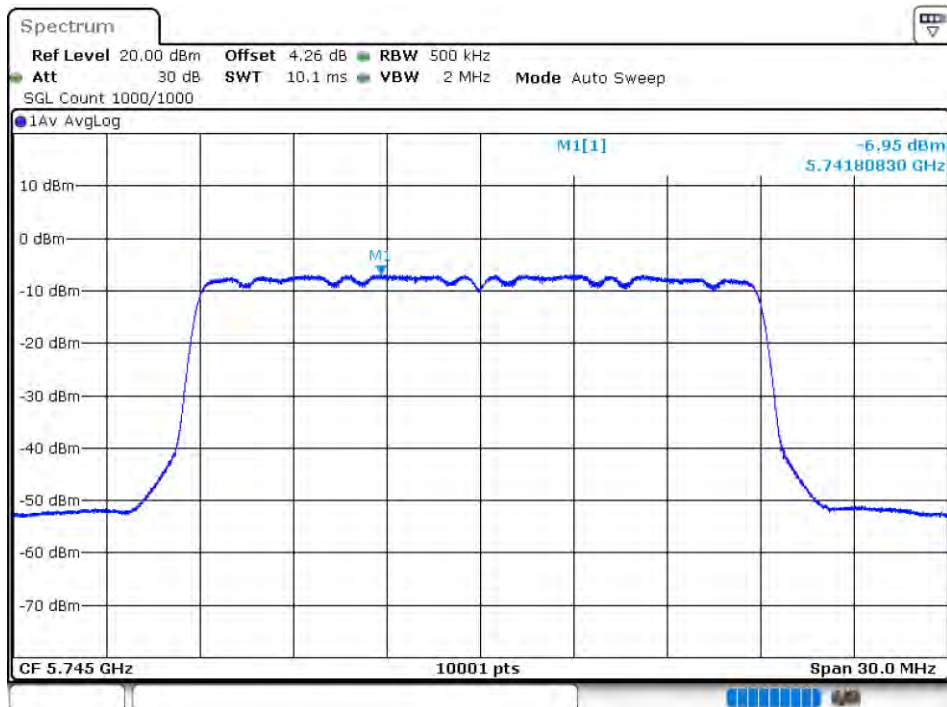
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant0	-4.51	0	-4.51	--	Pass
NVNT	ac20	5745	Ant1	-6.95	0	-6.95	--	Pass
NVNT	ac20	5745	Sum	--	--	-2.55	27.73	Pass
NVNT	ac20	5785	Ant0	-4.96	0	-4.96	--	Pass
NVNT	ac20	5785	Ant1	-7.11	0	-7.11	--	Pass
NVNT	ac20	5785	Sum	--	--	-2.55	27.73	Pass
NVNT	ac20	5825	Ant0	-5.83	0	-5.83	--	Pass
NVNT	ac20	5825	Ant1	-7.93	0	-7.93	--	Pass
NVNT	ac20	5825	Sum	--	--	-2.55	27.73	Pass
NVNT	ac40	5755	Ant0	-7.41	0	-7.41	--	Pass
NVNT	ac40	5755	Ant1	-9.59	0	-9.59	--	Pass
NVNT	ac40	5755	Sum	--	--	-2.55	27.73	Pass
NVNT	ac40	5795	Ant0	-7.27	0	-7.27	--	Pass
NVNT	ac40	5795	Ant1	-10.15	0	-10.15	--	Pass
NVNT	ac40	5795	Sum	--	--	-2.55	27.73	Pass
NVNT	ac80	5775	Ant0	-9.47	0	-9.47	--	Pass
NVNT	ac80	5775	Ant1	-13.31	0	-13.31	--	Pass
NVNT	ac80	5775	Sum	--	--	-2.55	27.73	Pass
NVNT	n20	5745	Ant0	-4.95	0	-4.95	--	Pass
NVNT	n20	5745	Ant1	-7.04	0	-7.04	--	Pass
NVNT	n20	5745	Sum	--	--	-2.55	27.73	Pass
NVNT	n20	5785	Ant0	-4.23	0	-4.23	--	Pass
NVNT	n20	5785	Ant1	-5.8	0	-5.8	--	Pass
NVNT	n20	5785	Sum	--	--	-2.55	27.73	Pass
NVNT	n20	5825	Ant0	-5.54	0	-5.54	--	Pass
NVNT	n20	5825	Ant1	-7.69	0	-7.69	--	Pass
NVNT	n20	5825	Sum	--	--	-2.55	27.73	Pass
NVNT	n40	5755	Ant0	-7.27	0	-7.27	--	Pass
NVNT	n40	5755	Ant1	-9.7	0	-9.7	--	Pass
NVNT	n40	5755	Sum	--	--	-2.55	27.73	Pass
NVNT	n40	5795	Ant0	-6.58	0	-6.58	--	Pass
NVNT	n40	5795	Ant1	-9.72	0	-9.72	--	Pass
NVNT	n40	5795	Sum	--	--	-2.55	27.73	Pass

Test Graphs

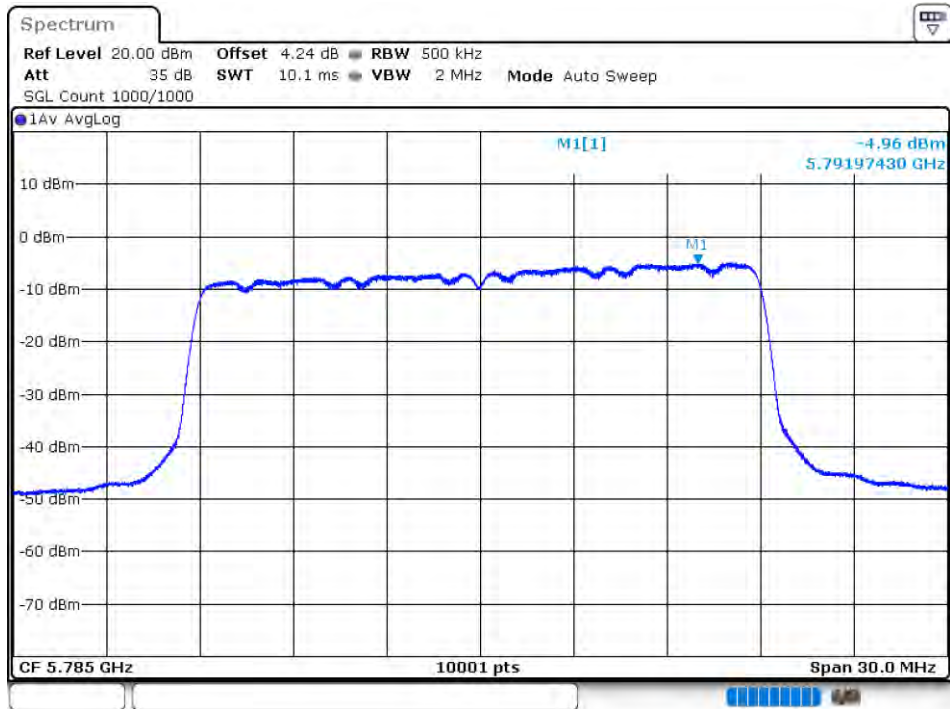
PSD NVNT ac20 5745MHz Ant0



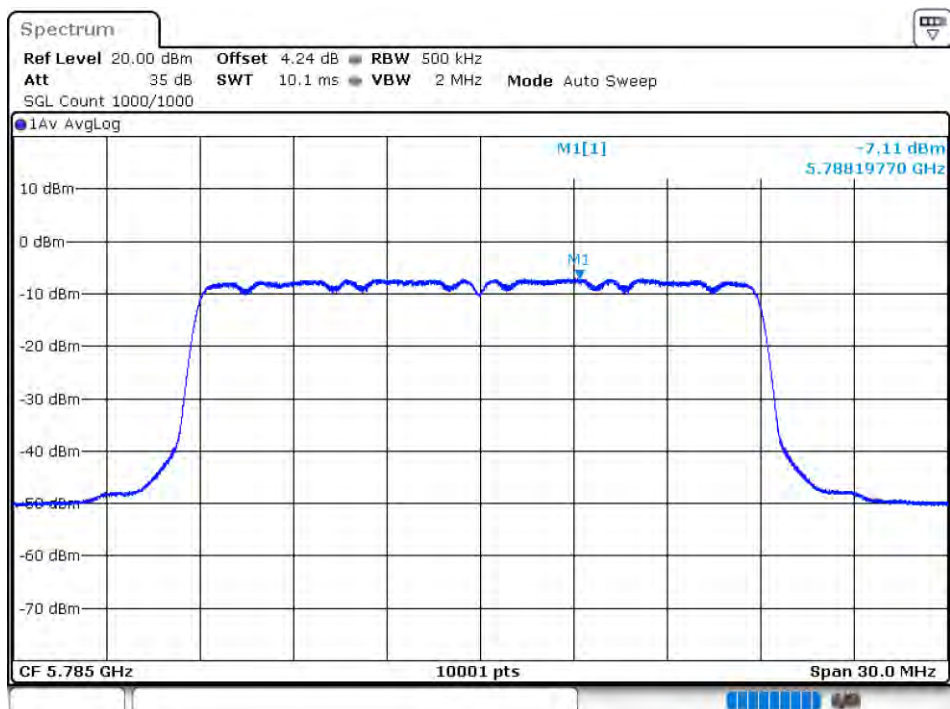
PSD NVNT ac20 5745MHz Ant1



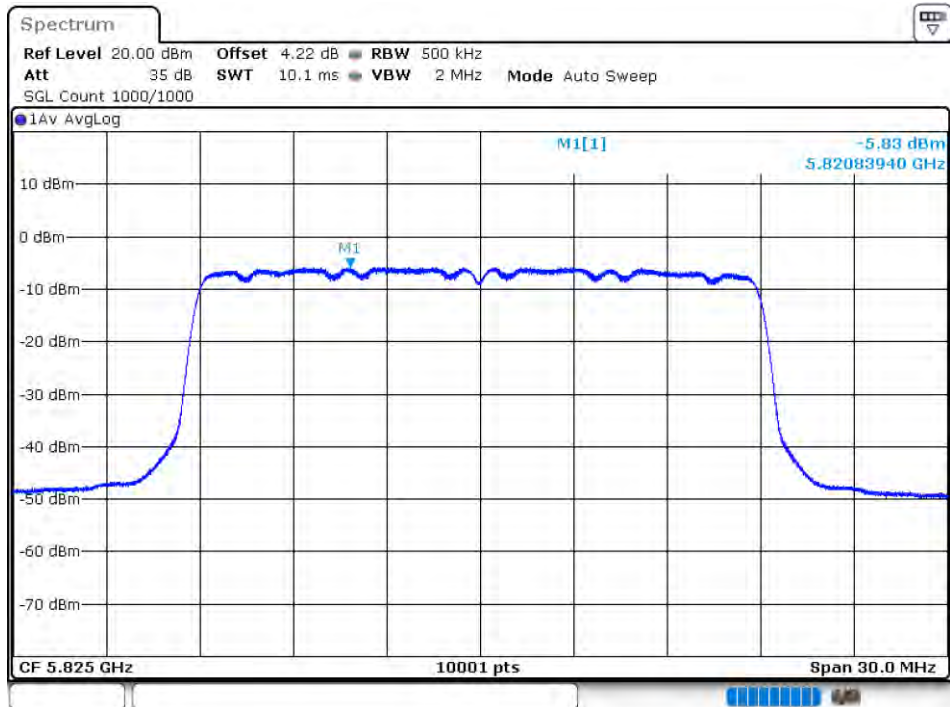
PSD NVNT ac20 5785MHz Ant0



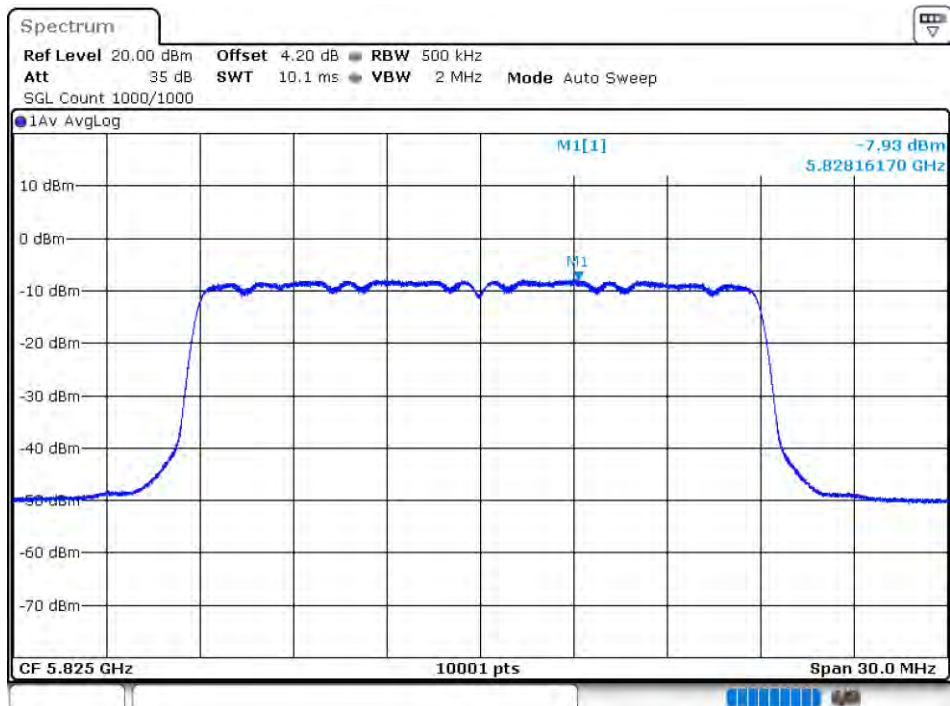
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant0



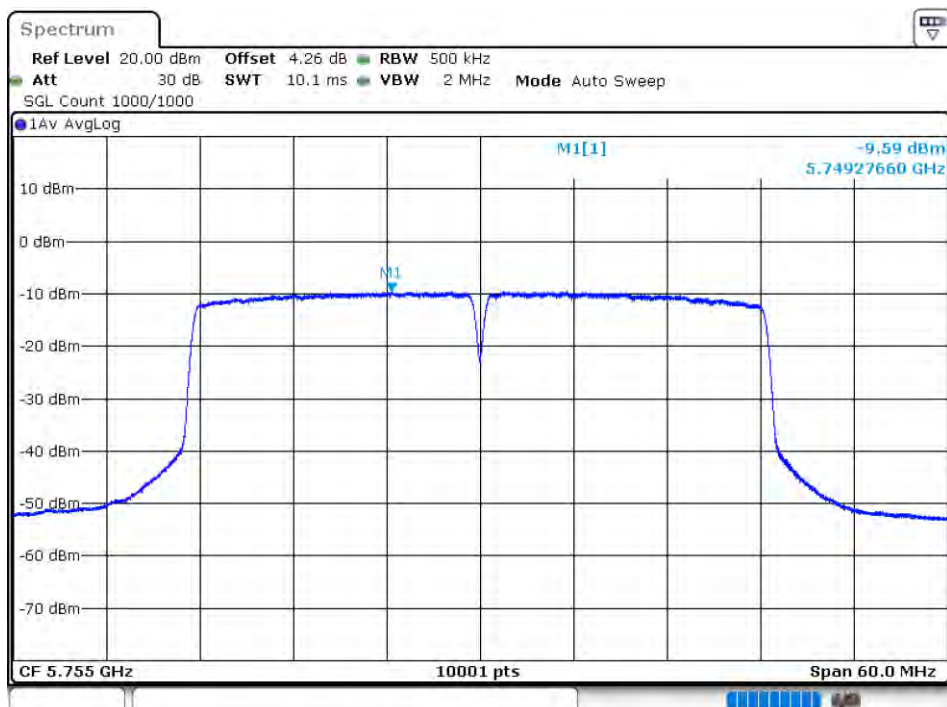
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant0



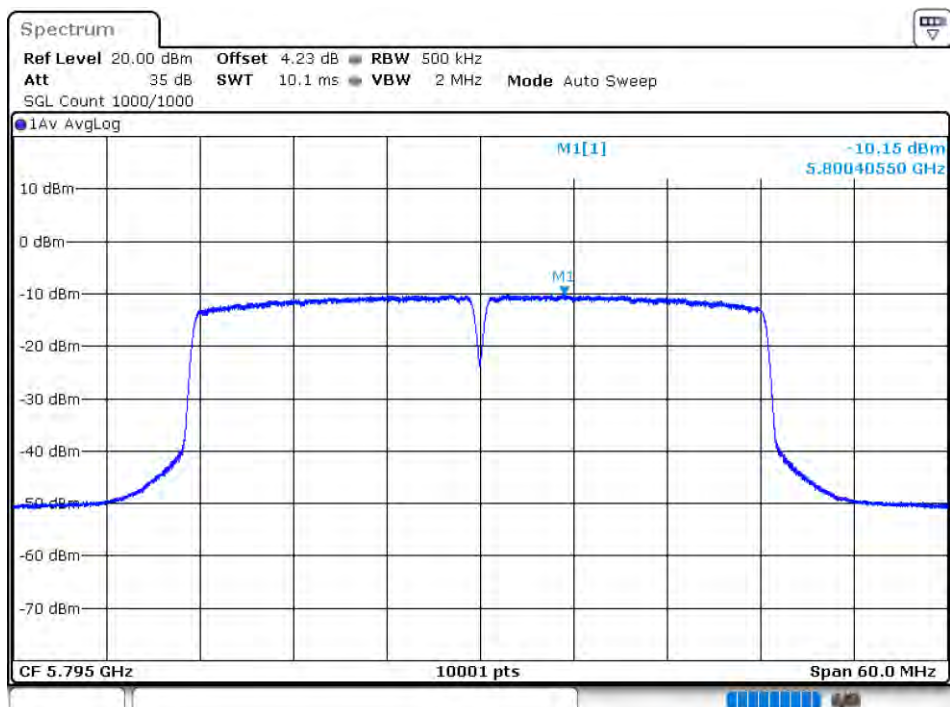
PSD NVNT ac40 5755MHz Ant1

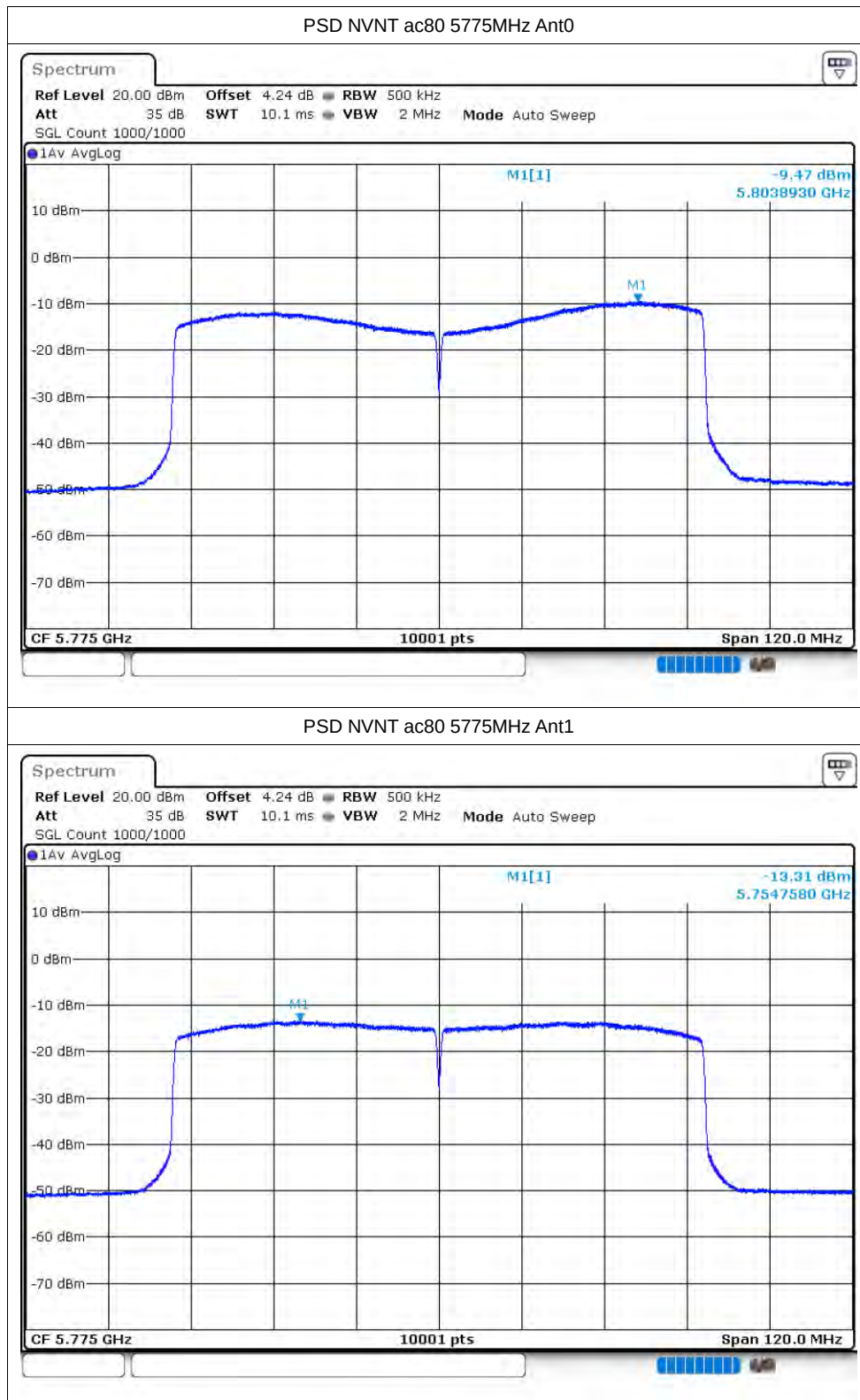


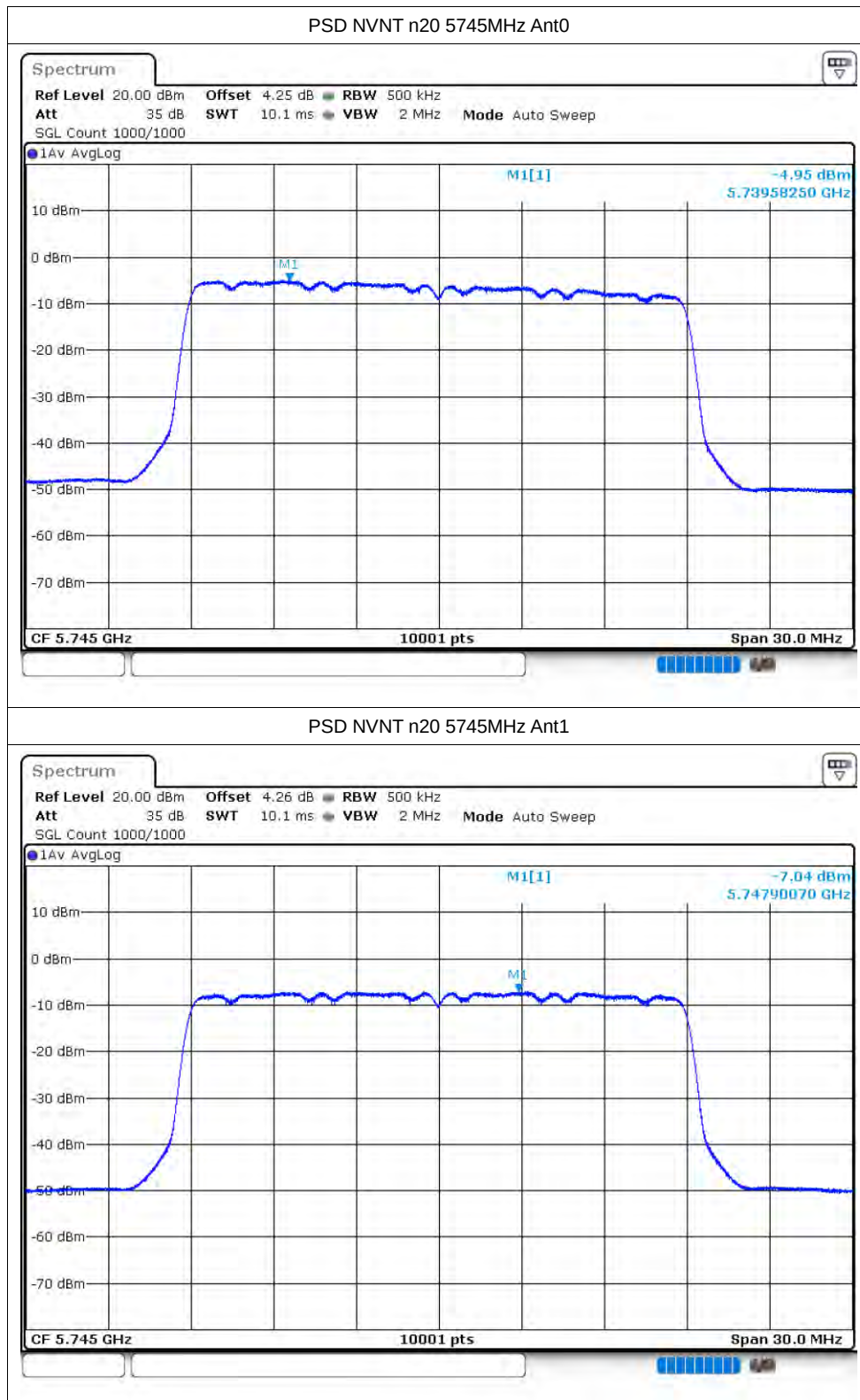
PSD NVNT ac40 5795MHz Ant0

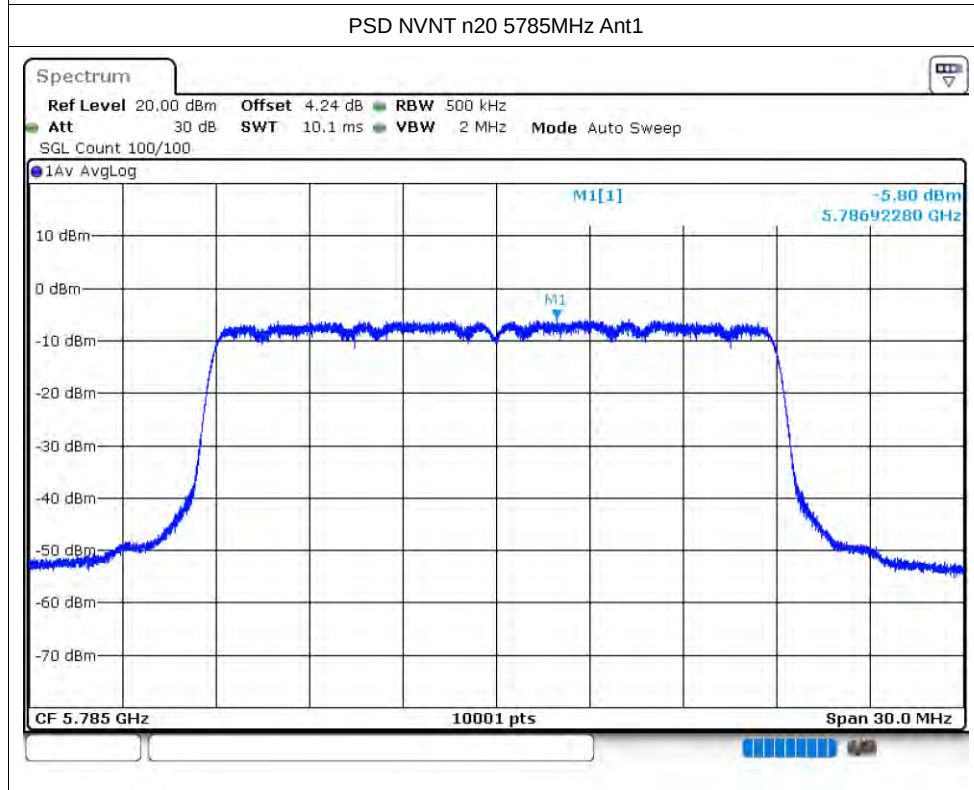
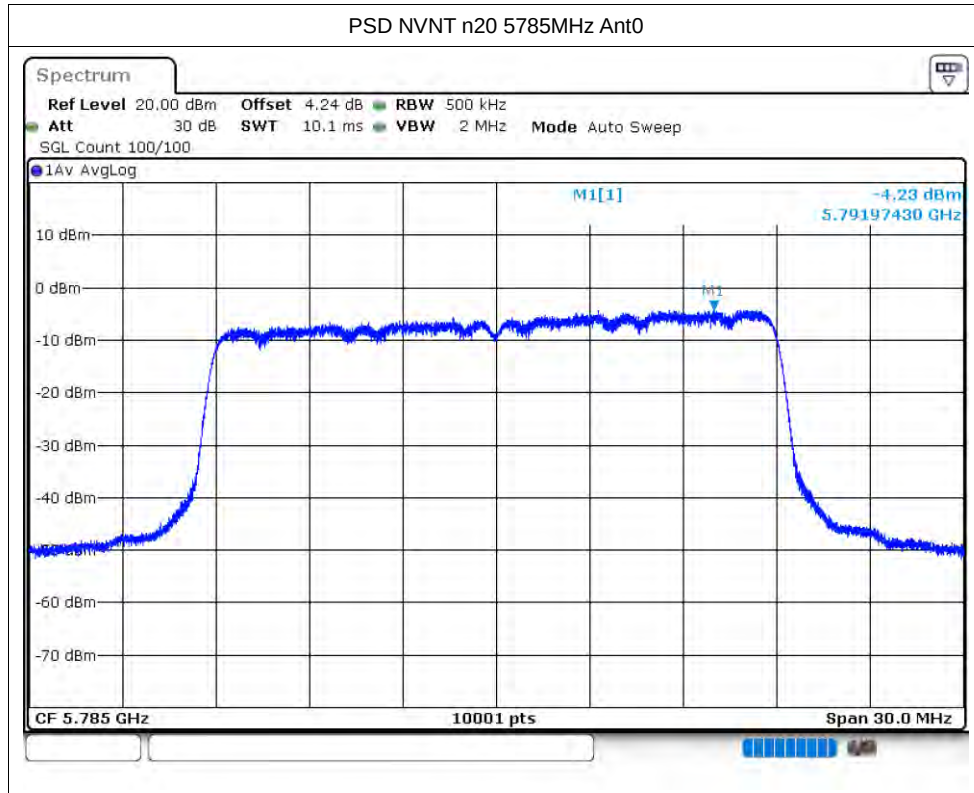


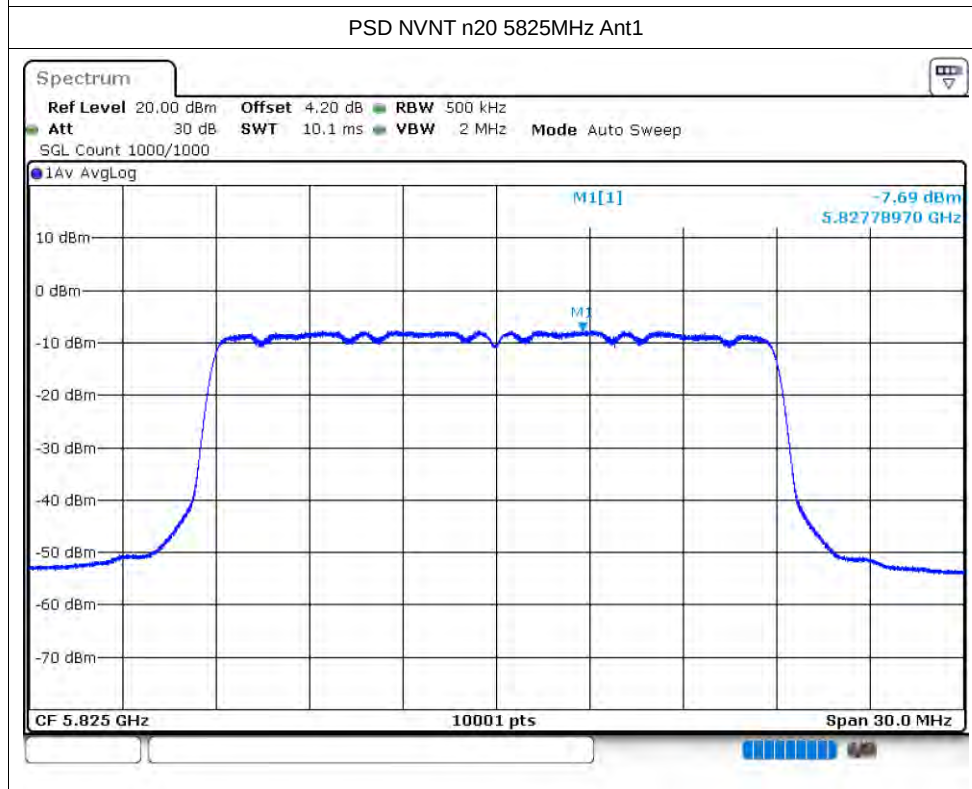
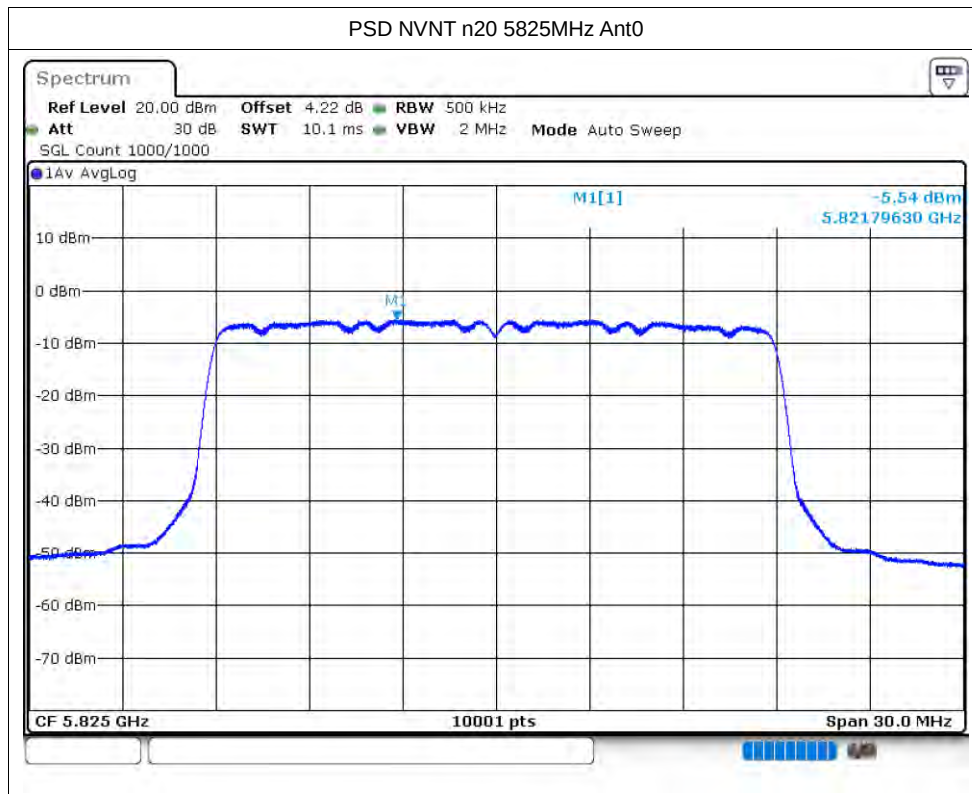
PSD NVNT ac40 5795MHz Ant1

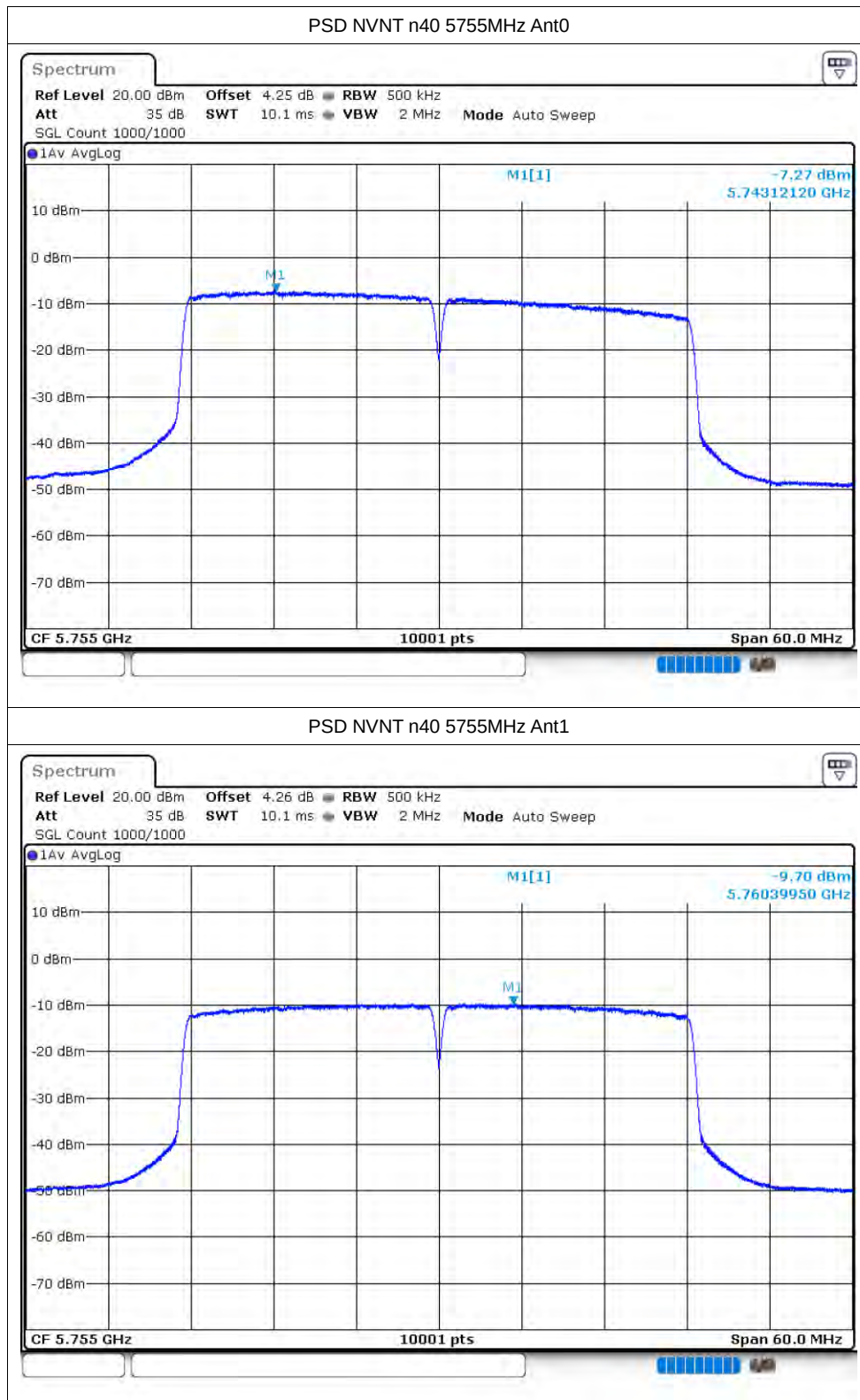


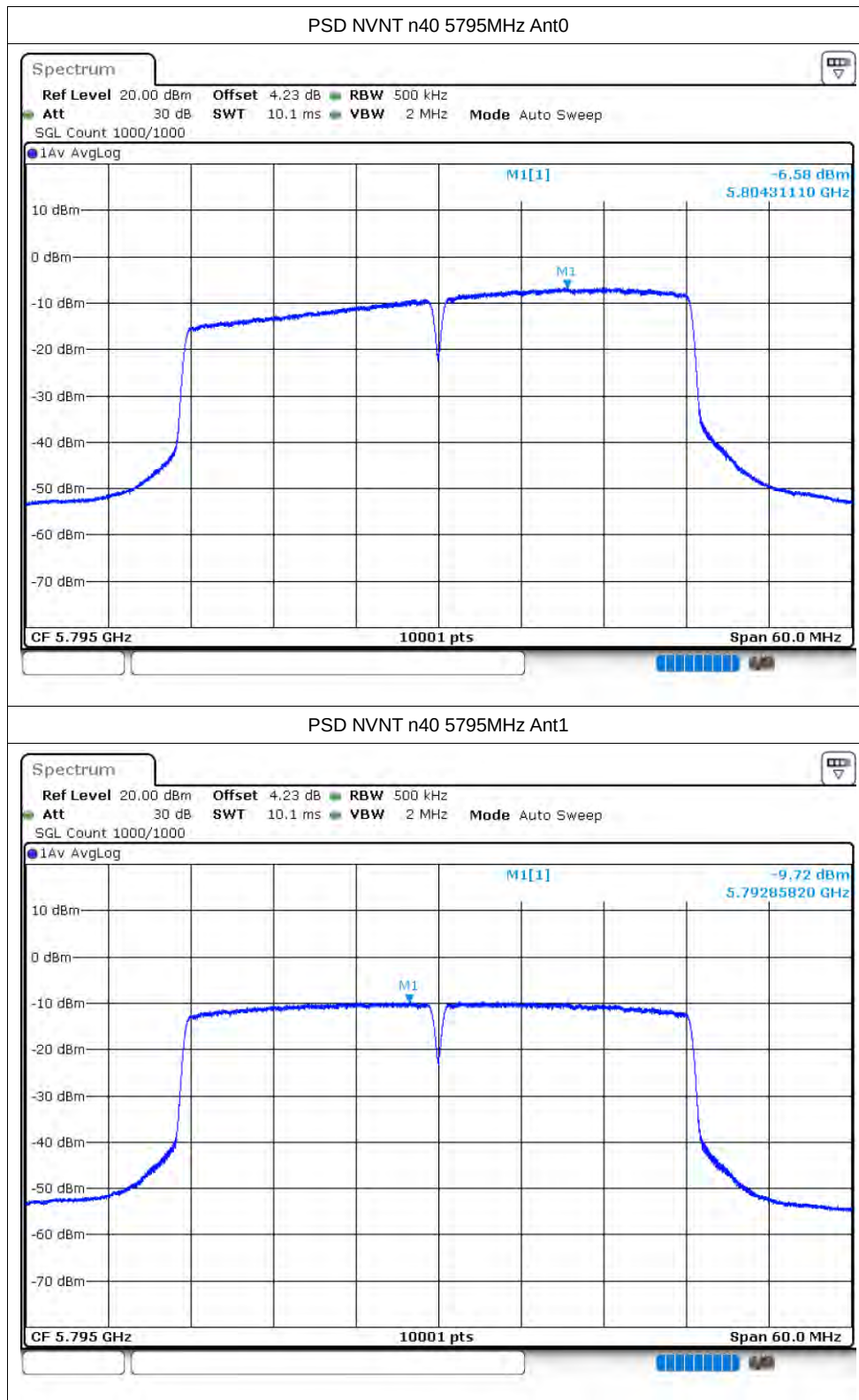












Band Edge

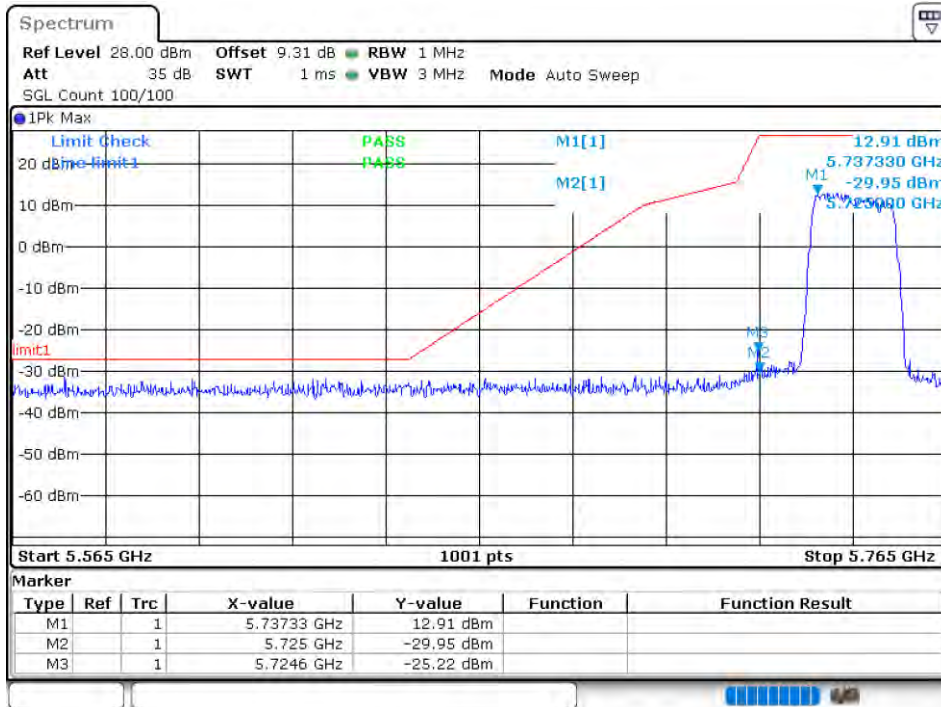
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	ac20	5745	Ant1	-25.21	Pass
NVNT	ac20	5745	Ant2	-30.16	Pass
NVNT	ac20	5825	Ant1	-29.98	Pass
NVNT	ac20	5825	Ant2	-29.3	Pass
NVNT	ac40	5755	Ant1	-28.85	Pass
NVNT	ac40	5755	Ant2	-29.74	Pass
NVNT	ac40	5795	Ant1	-29.63	Pass
NVNT	ac40	5795	Ant2	-28.99	Pass
NVNT	ac80	5775	Ant1	-29.71	Pass
NVNT	ac80	5775	Ant2	-29	Pass
NVNT	n20	5745	Ant1	-27.25	Pass
NVNT	n20	5745	Ant2	-29.48	Pass
NVNT	n20	5825	Ant1	-29.54	Pass
NVNT	n20	5825	Ant2	-29.64	Pass
NVNT	n40	5755	Ant1	-27.93	Pass
NVNT	n40	5755	Ant2	-30.18	Pass
NVNT	n40	5795	Ant1	-29.73	Pass
NVNT	n40	5795	Ant2	-29.88	Pass

Note: 1) This test has increased antenna gain .

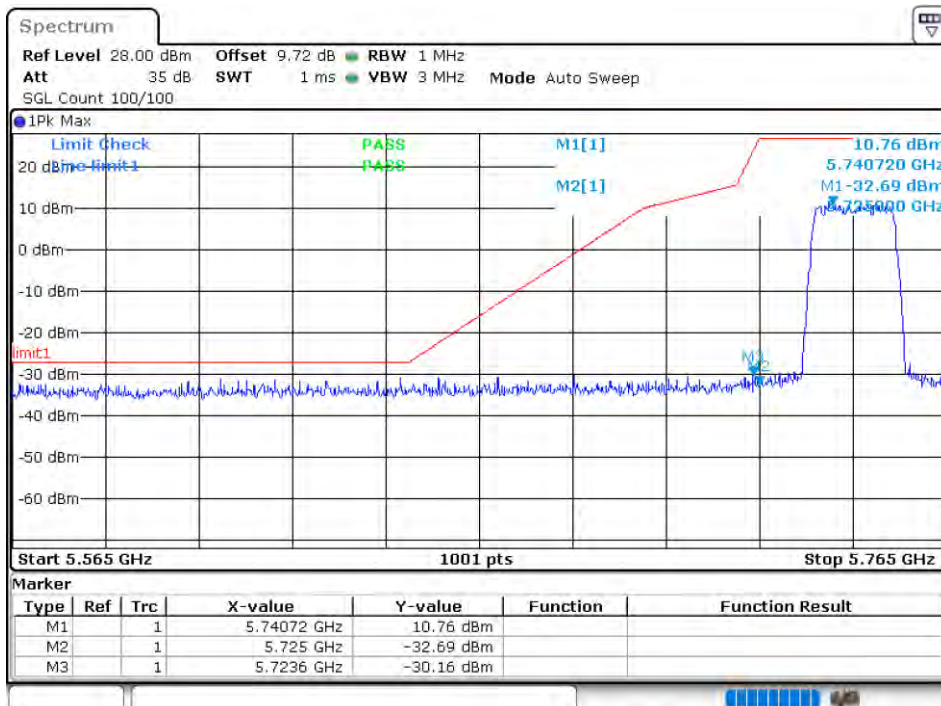
2) The ANT 1& ANT 2 both has 3dB margin below the limit, so the MIMO mode is passed.

Test Graphs

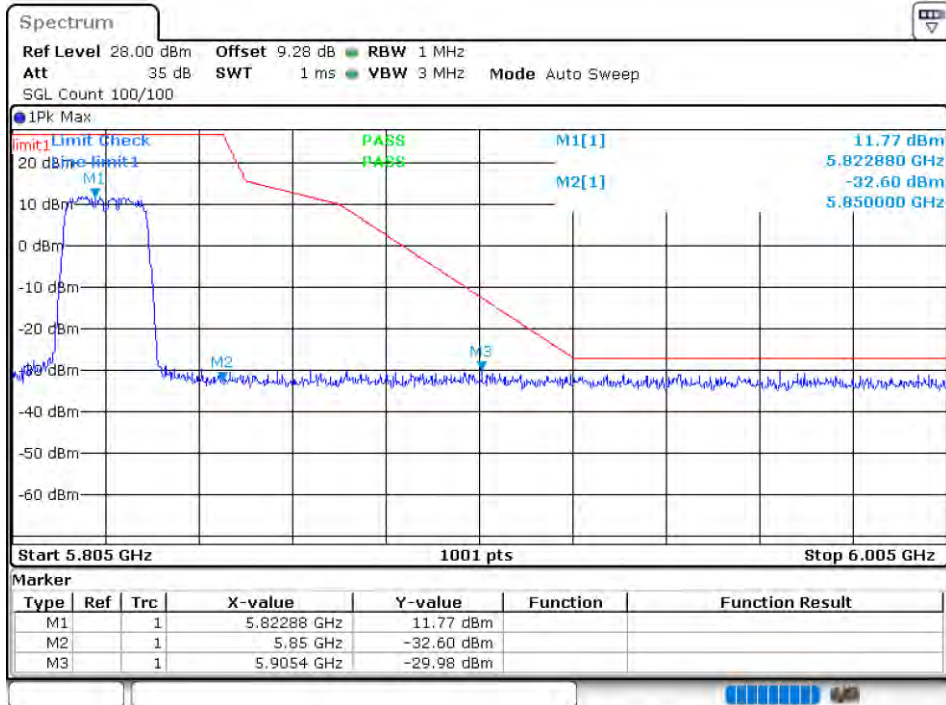
Band Edge NVNT ac20 5745MHz Low Ant1



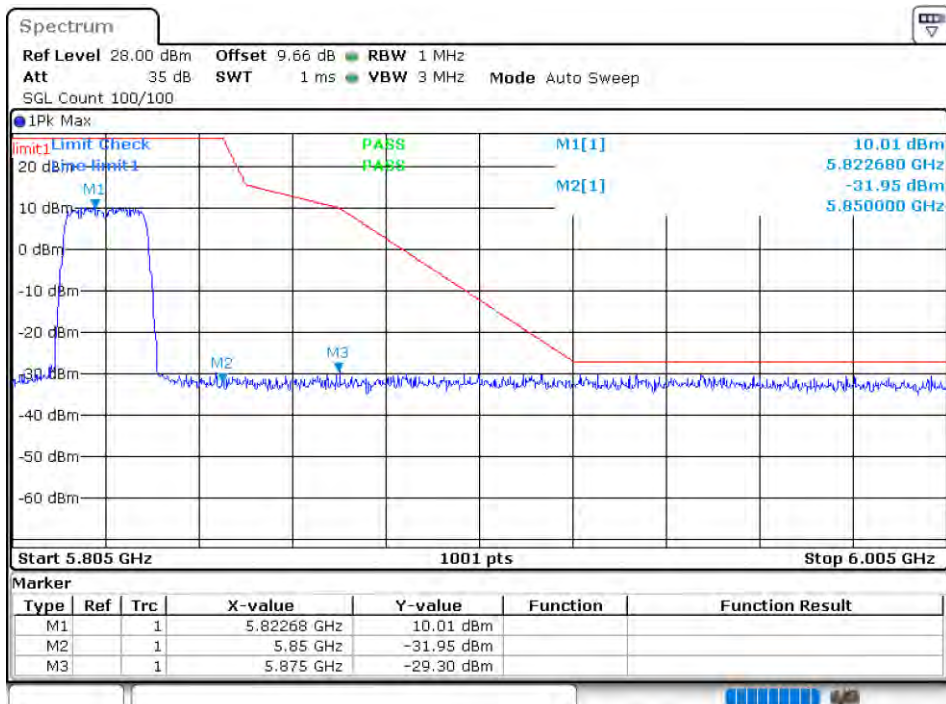
Band Edge NVNT ac20 5745MHz Low Ant2



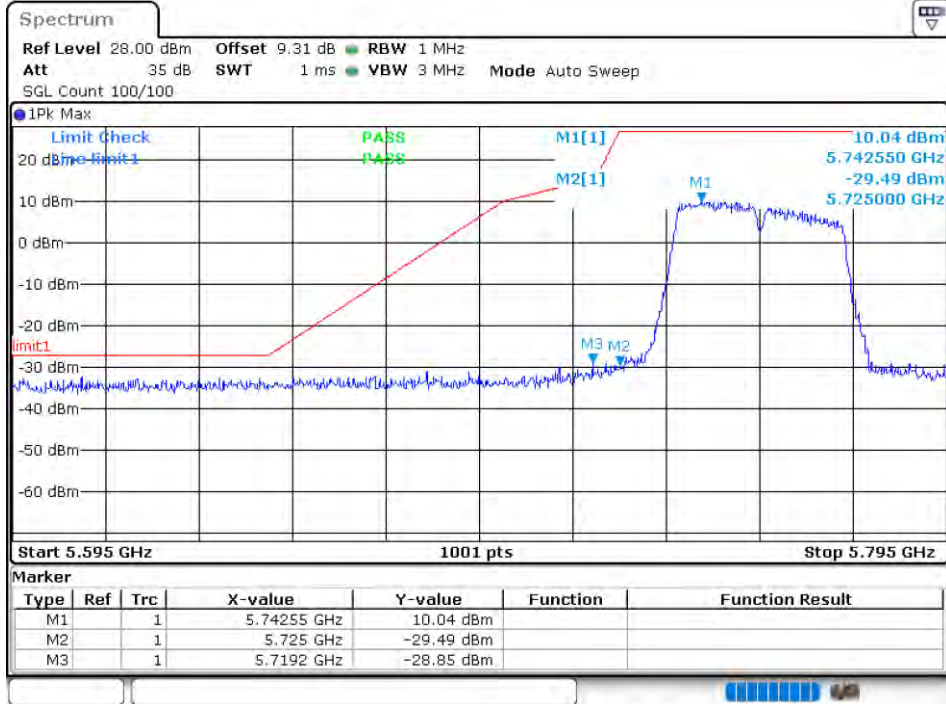
Band Edge NVNT ac20 5825MHz High Ant1



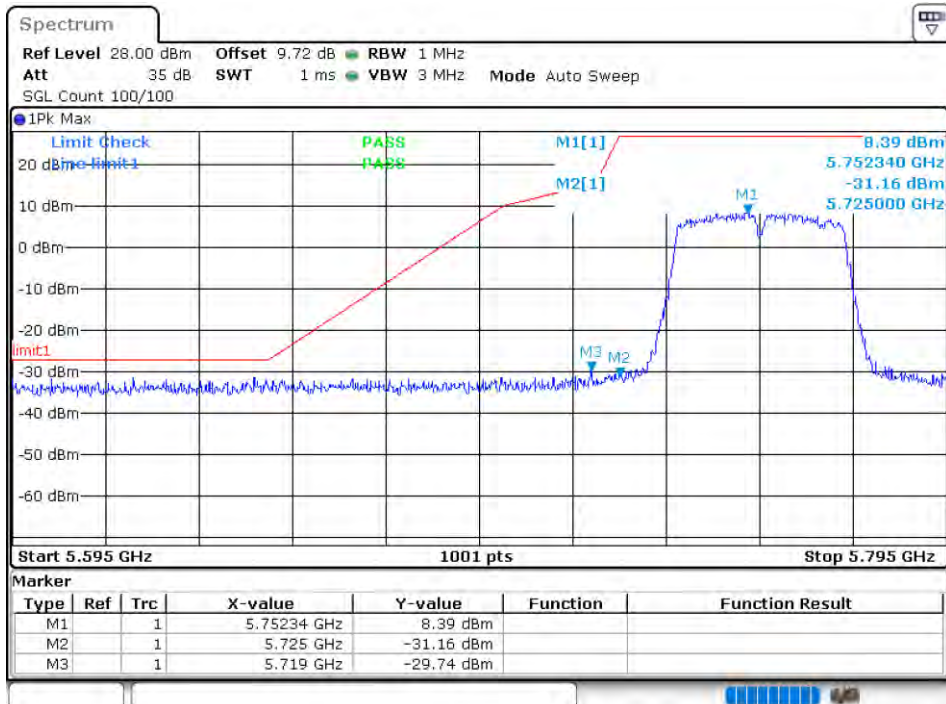
Band Edge NVNT ac20 5825MHz High Ant2



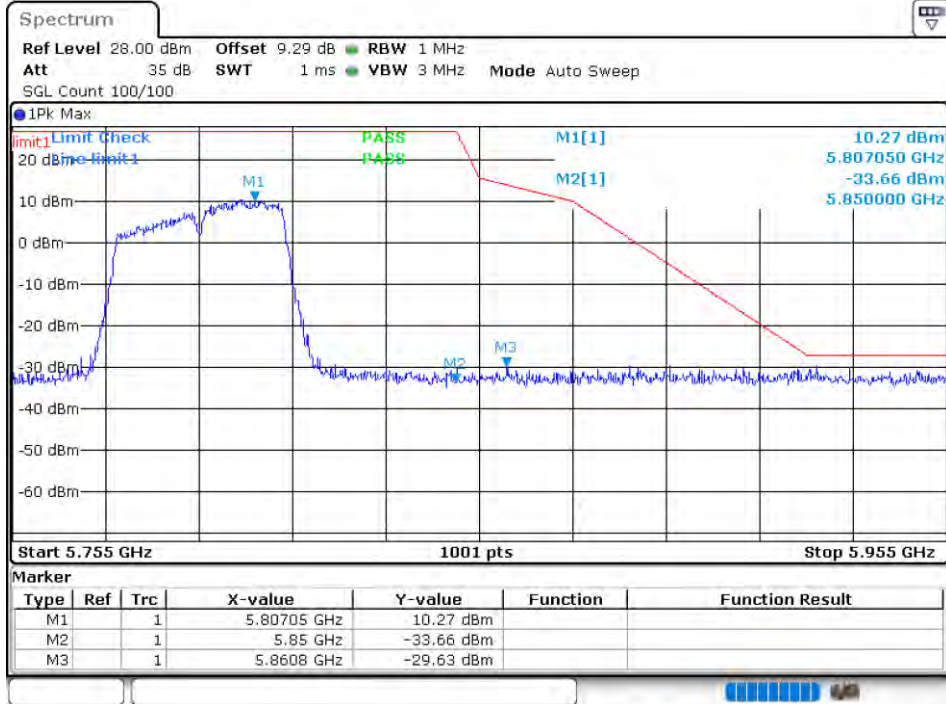
Band Edge NVNT ac40 5755MHz Low Ant1



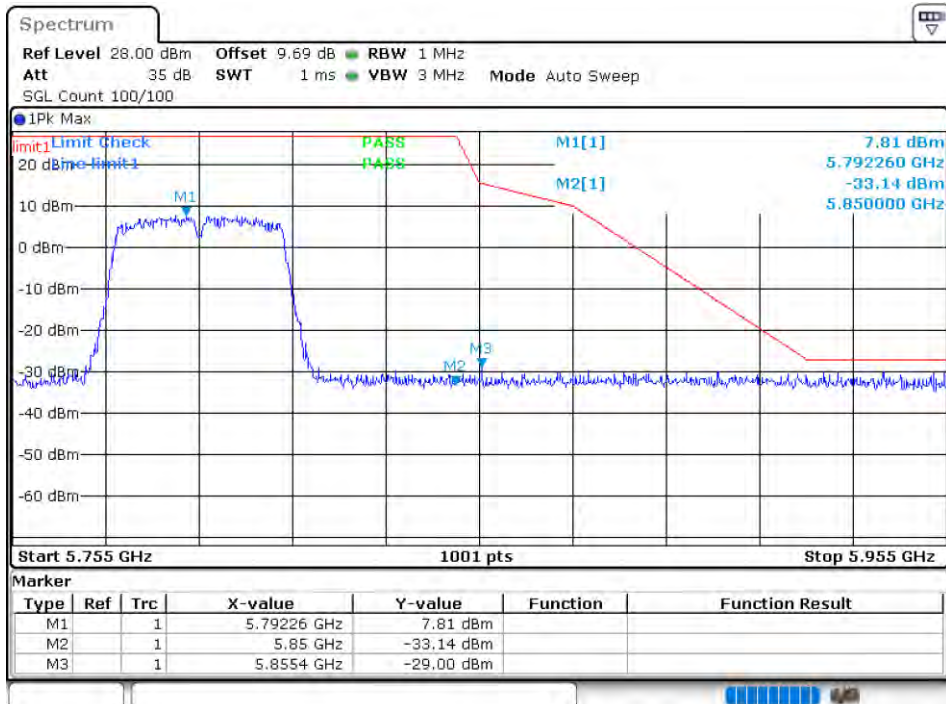
Band Edge NVNT ac40 5755MHz Low Ant2



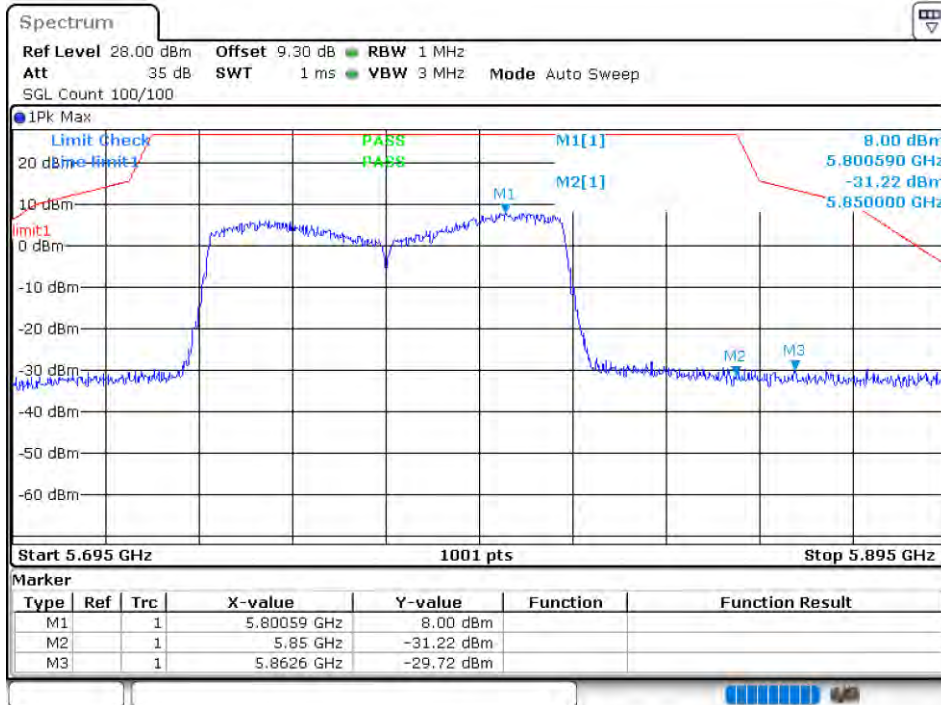
Band Edge NVNT ac40 5795MHz High Ant1



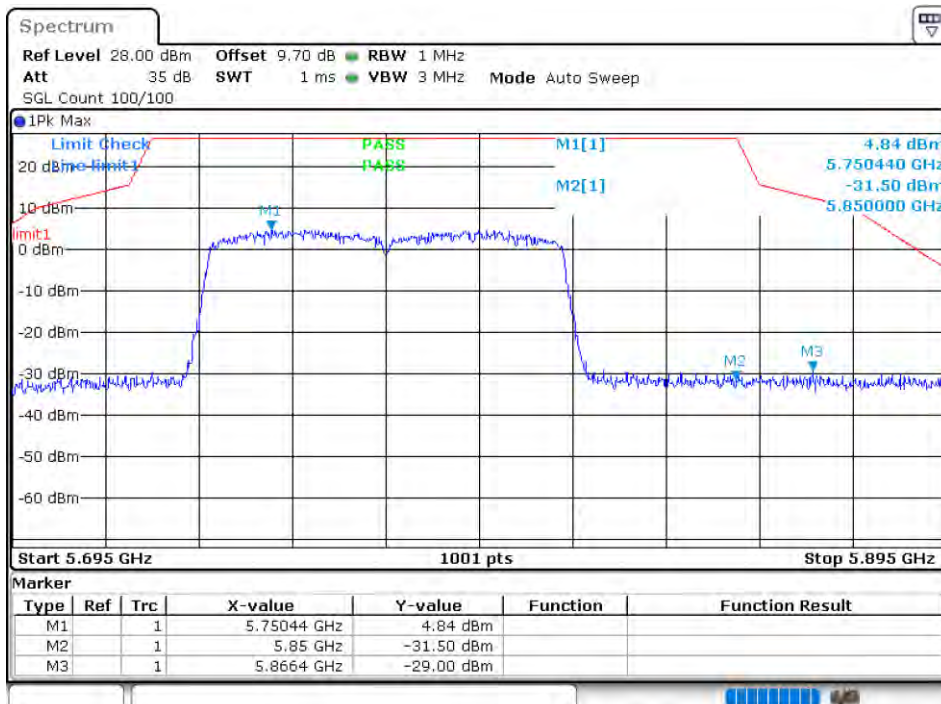
Band Edge NVNT ac40 5795MHz High Ant2



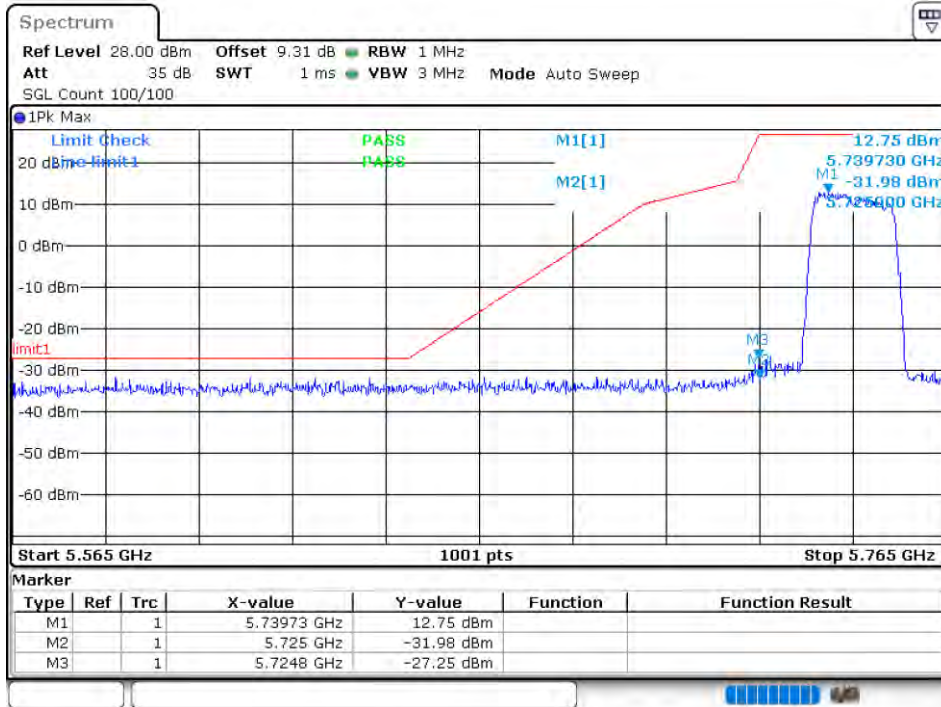
Band Edge NVNT ac80 5775MHz High Ant1



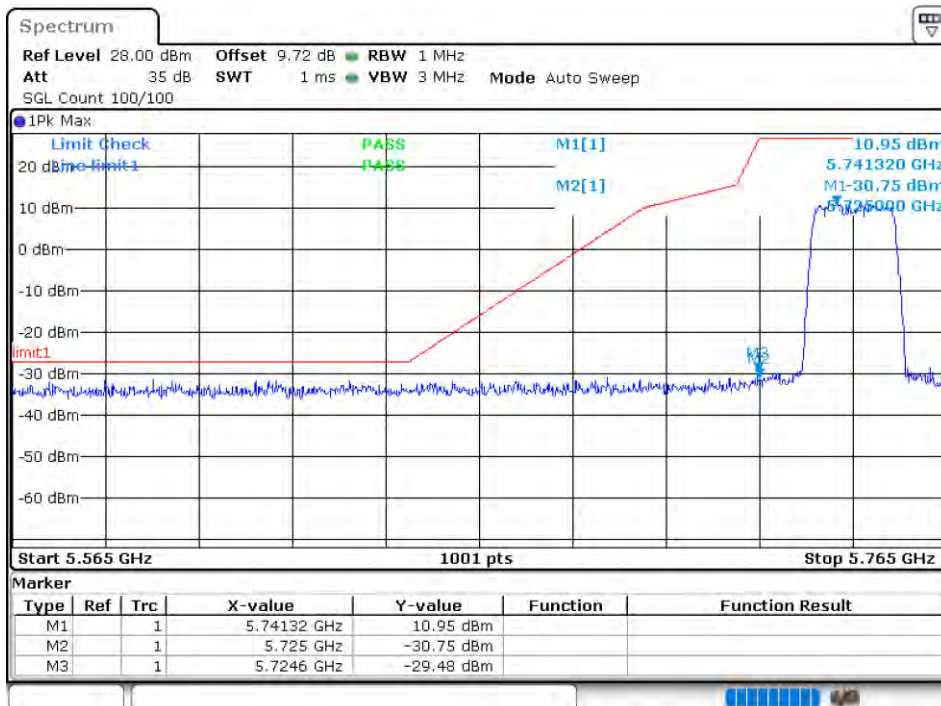
Band Edge NVNT ac80 5775MHz High Ant2

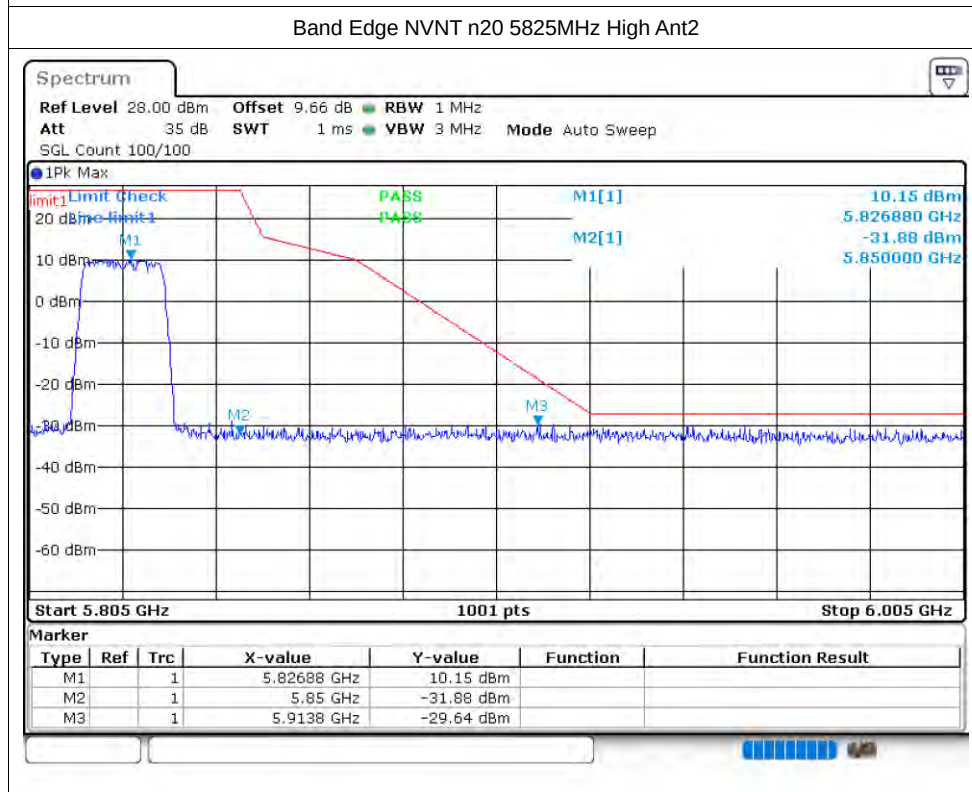


Band Edge NVNT n20 5745MHz Low Ant1

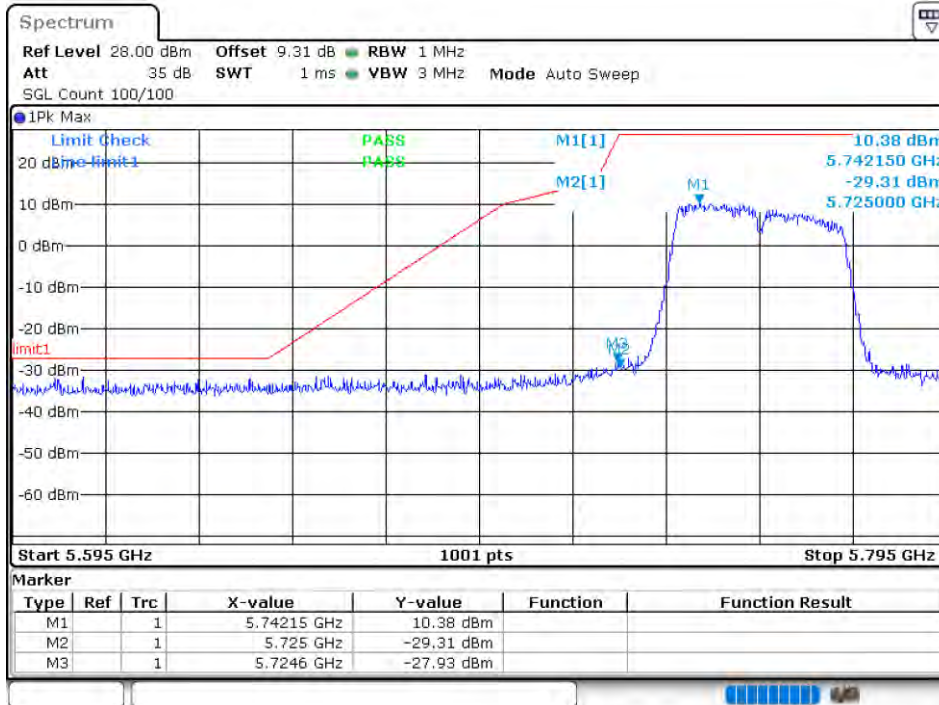


Band Edge NVNT n20 5745MHz Low Ant2

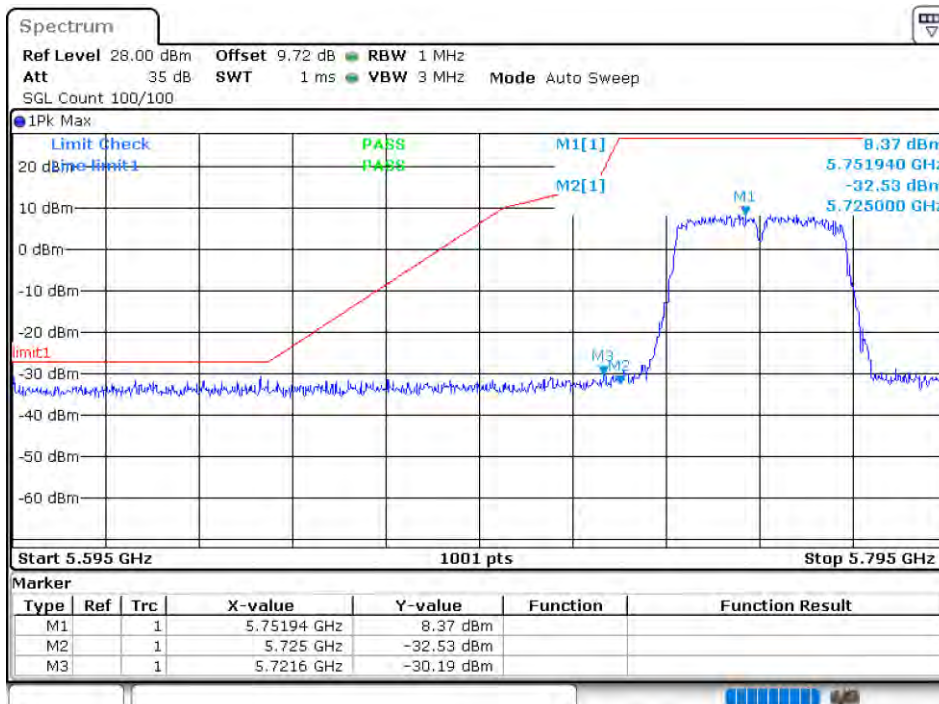




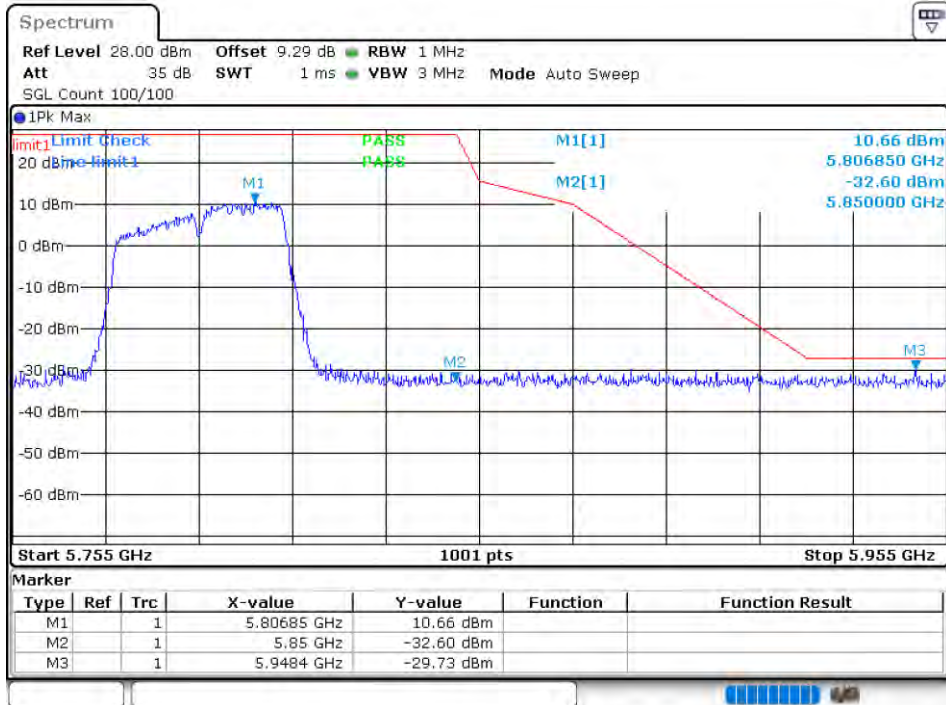
Band Edge NVNT n40 5755MHz Low Ant1



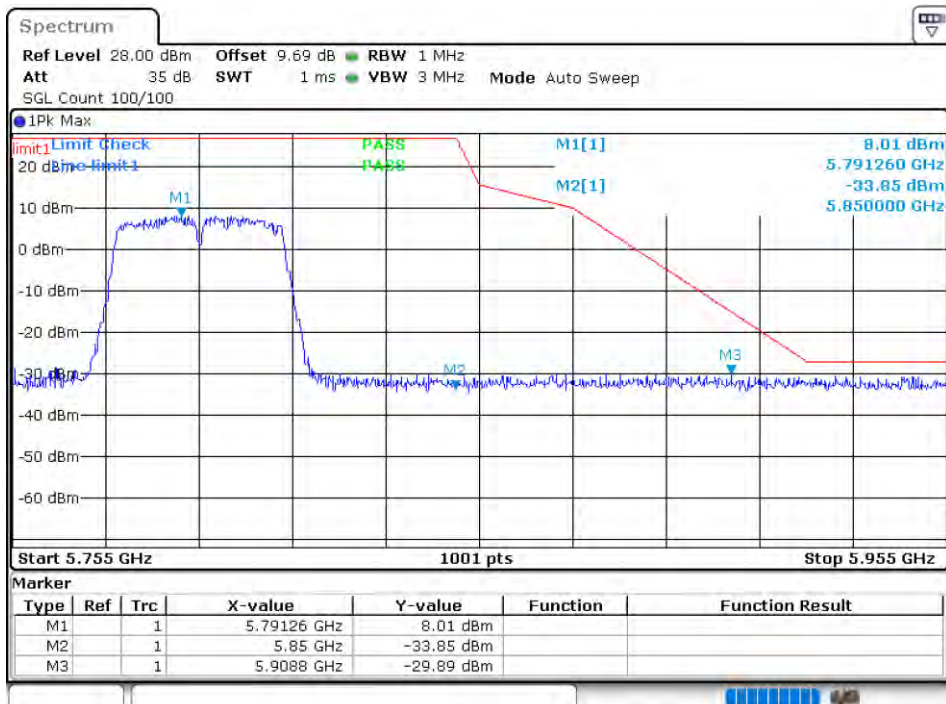
Band Edge NVNT n40 5755MHz Low Ant2



Band Edge NVNT n40 5795MHz High Ant1



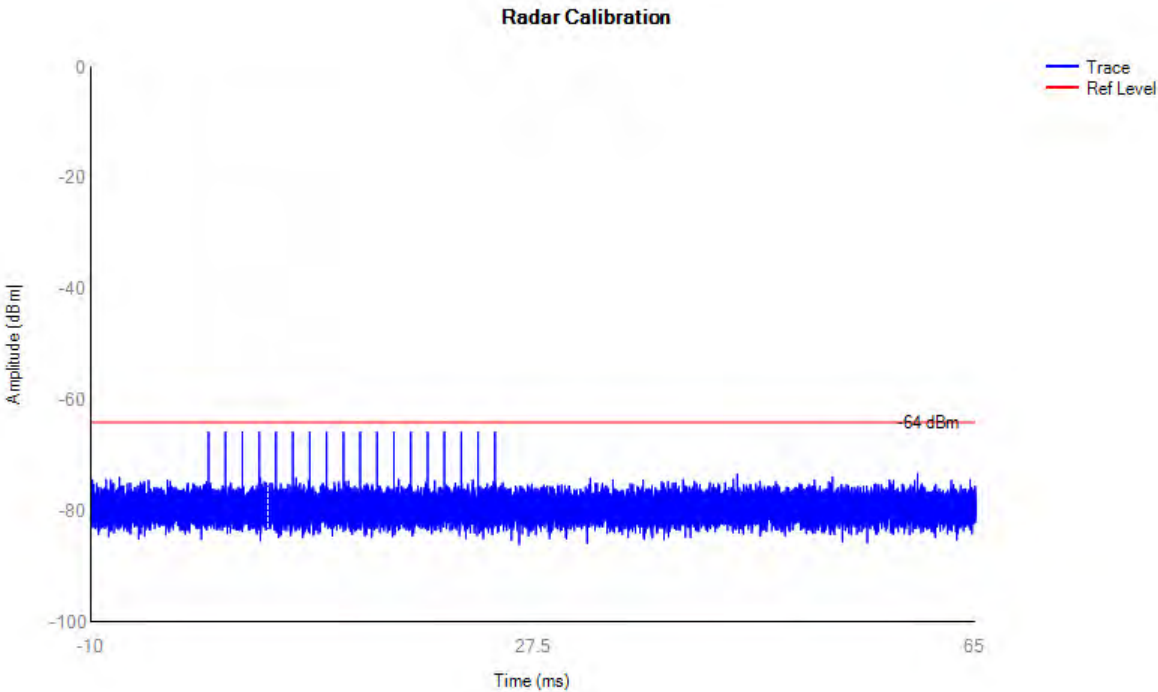
Band Edge NVNT n40 5795MHz High Ant2



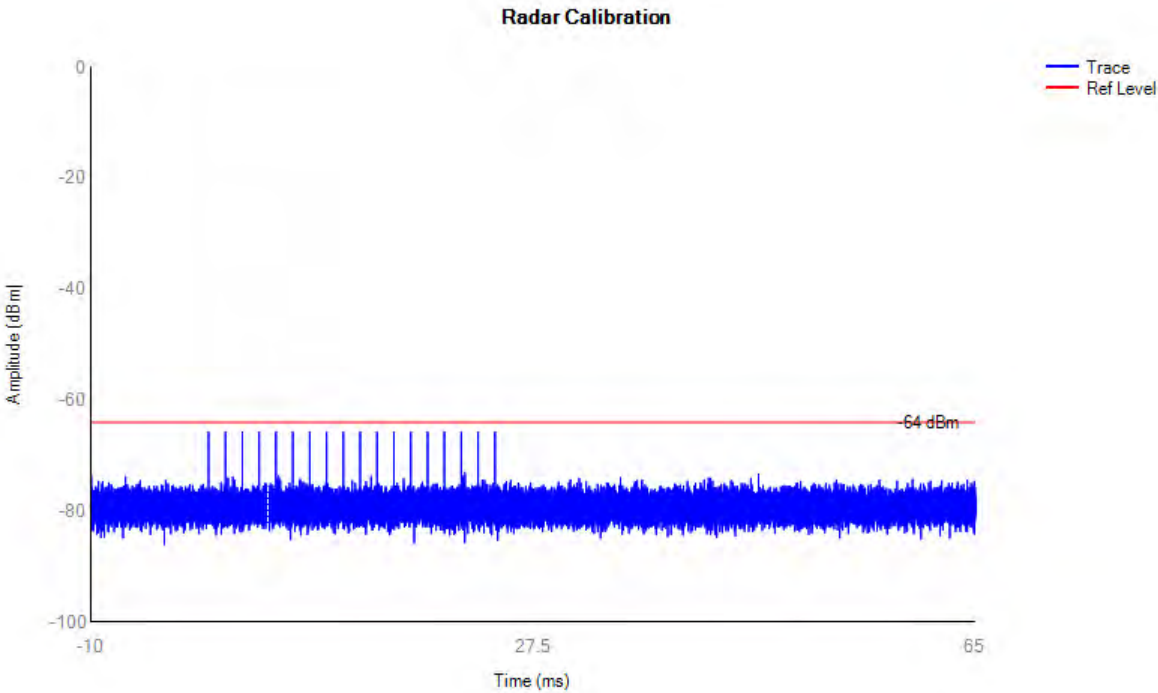
DFS

Calibration

5260MHz a DFS_FCC_T0

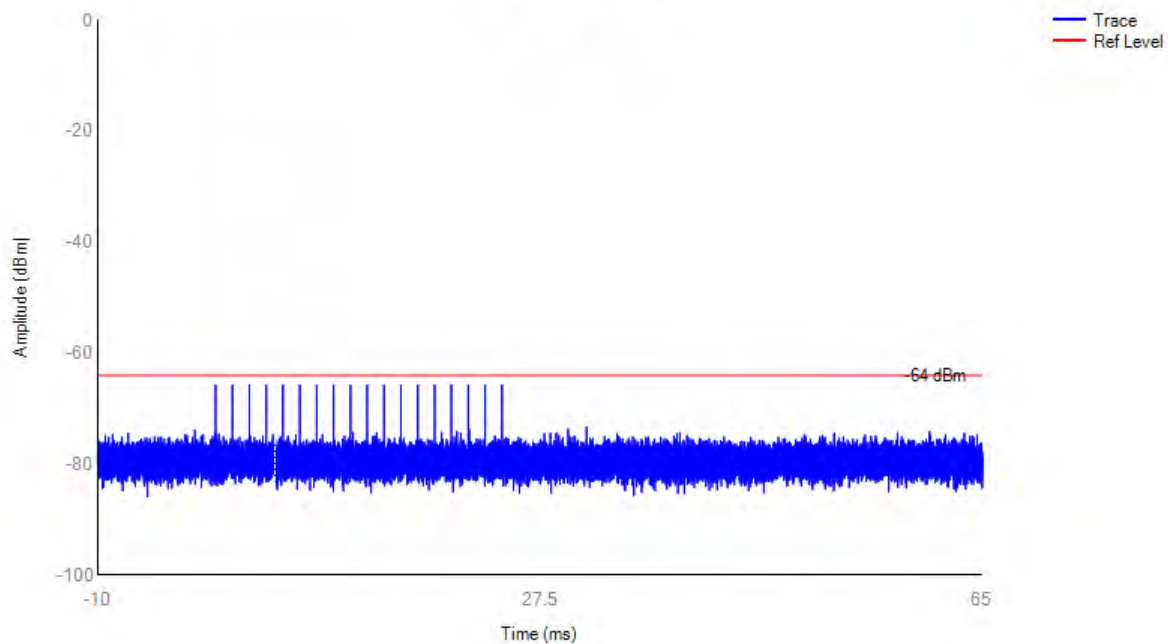


5500MHz a DFS_FCC_T0



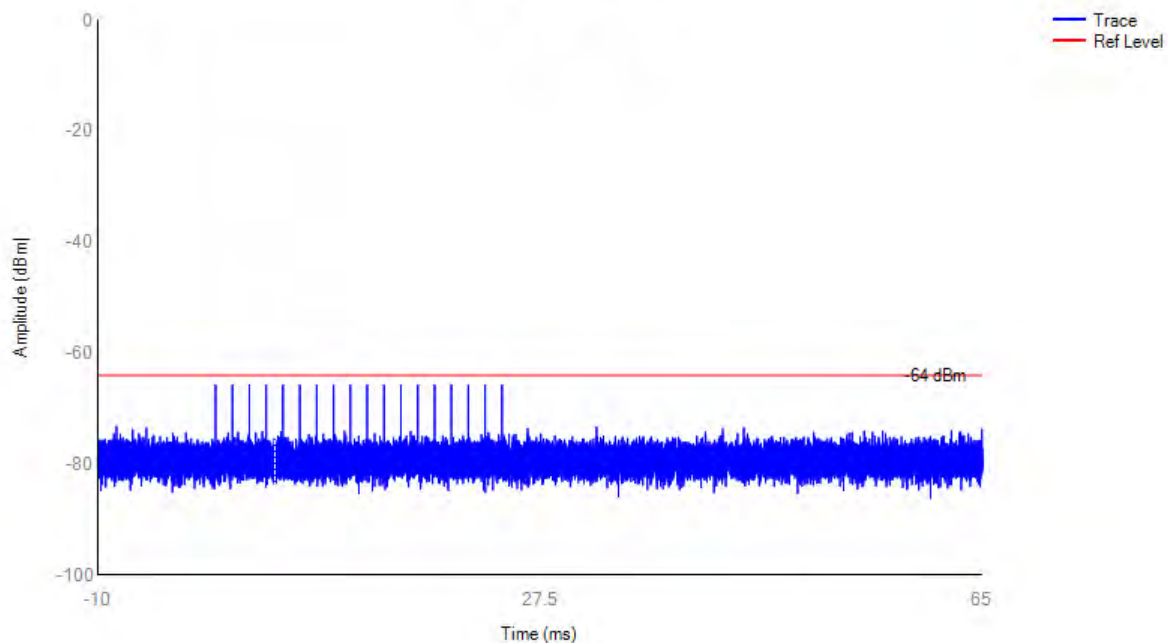
5270MHz n40 DFS_FCC_T0

Radar Calibration



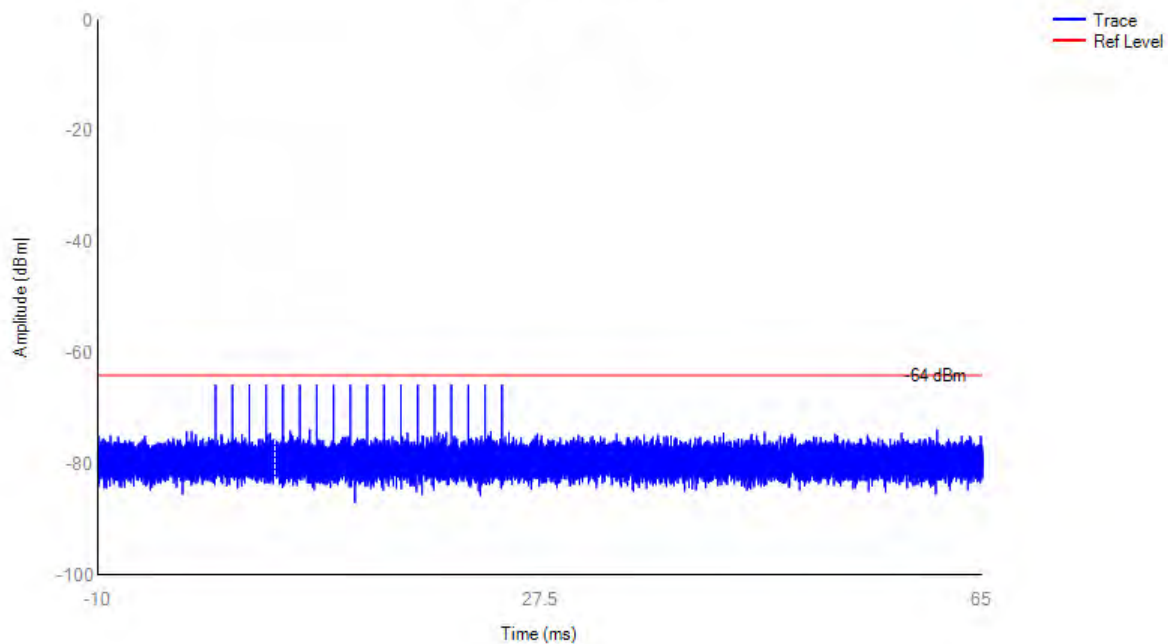
5510MHz n40 DFS_FCC_T0

Radar Calibration



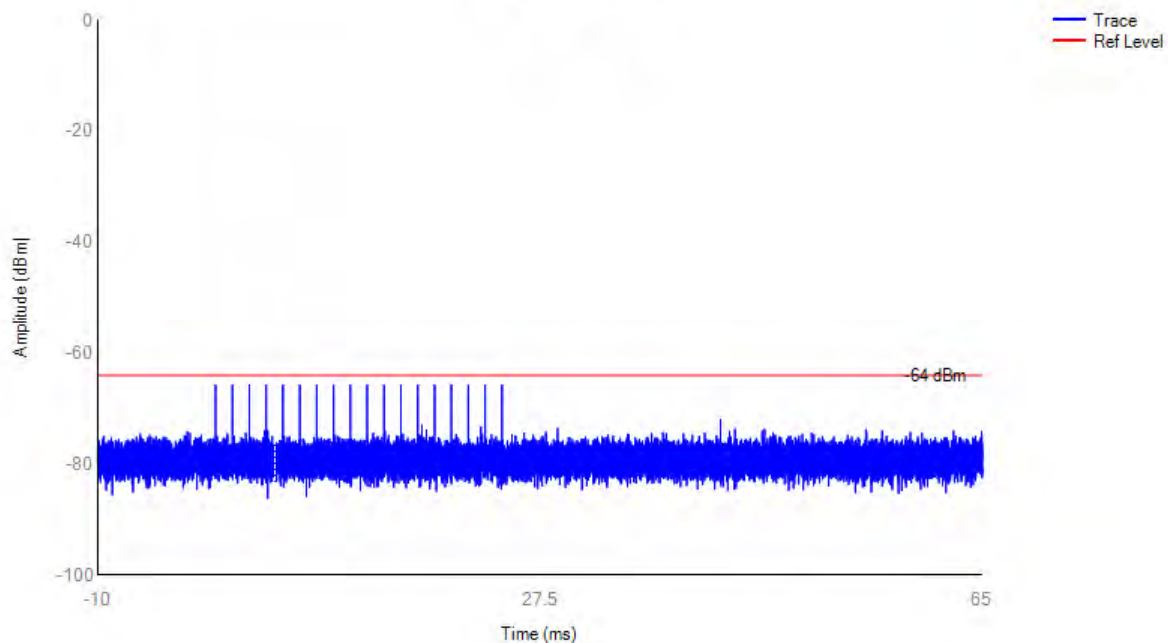
5290MHz ac80 DFS_FCC_T0

Radar Calibration



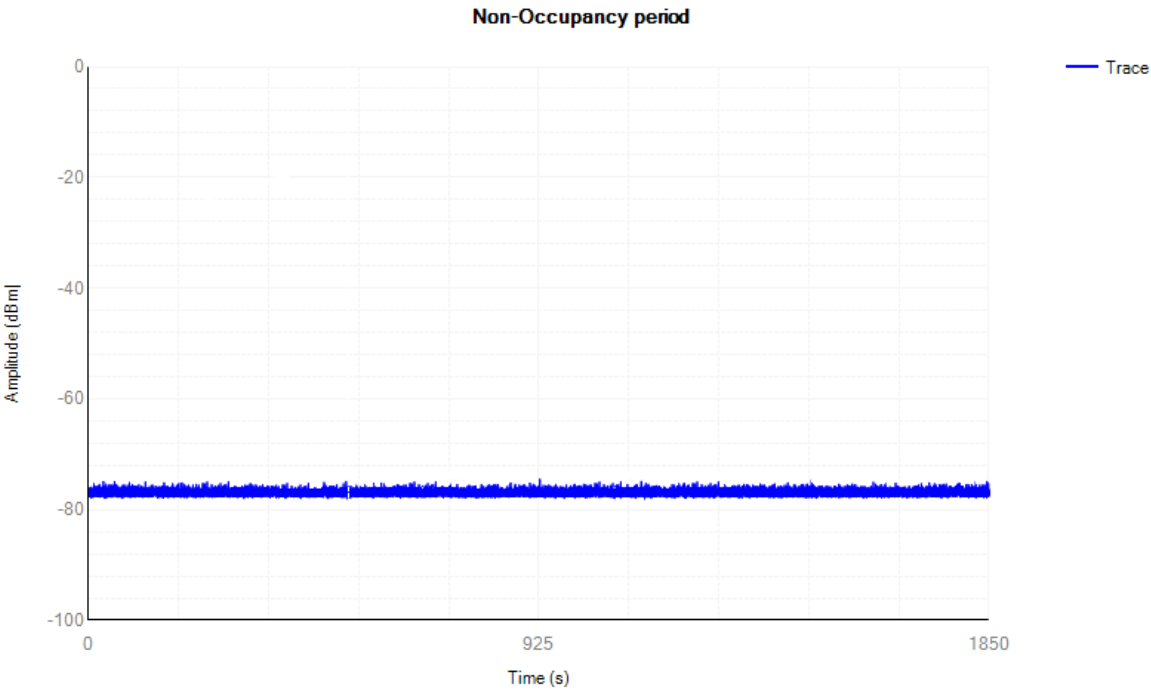
5530MHz ac80 DFS_FCC_T0

Radar Calibration

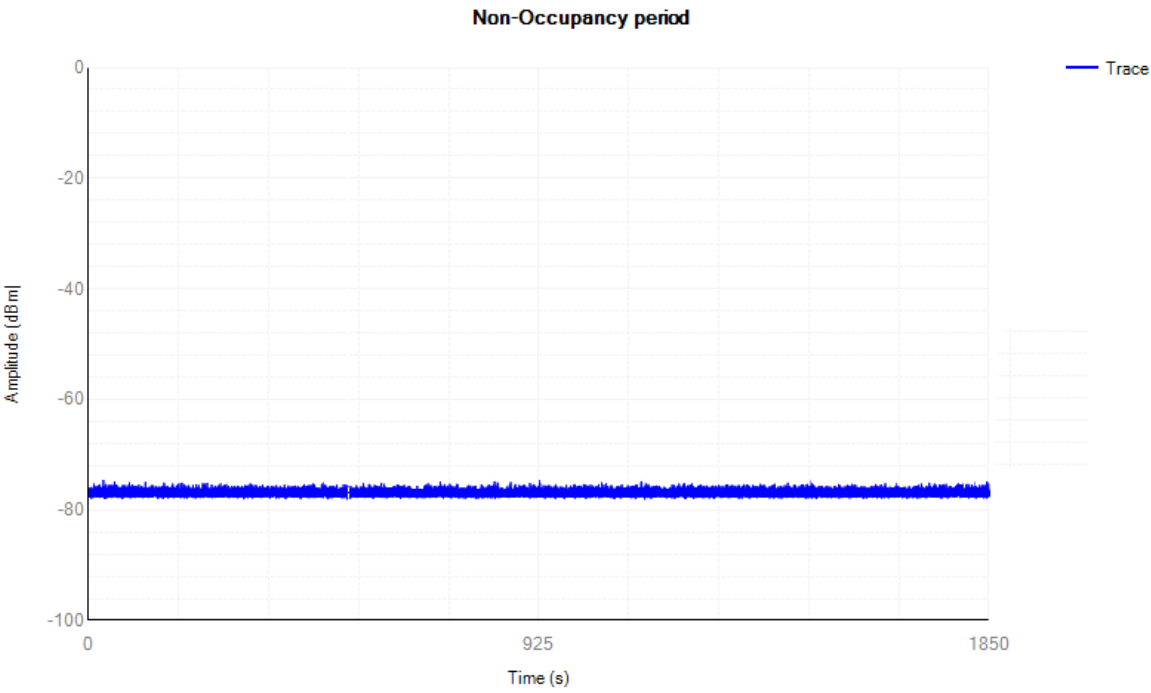


Non-Occupancy

5290MHz ac80 Non-Occupancy

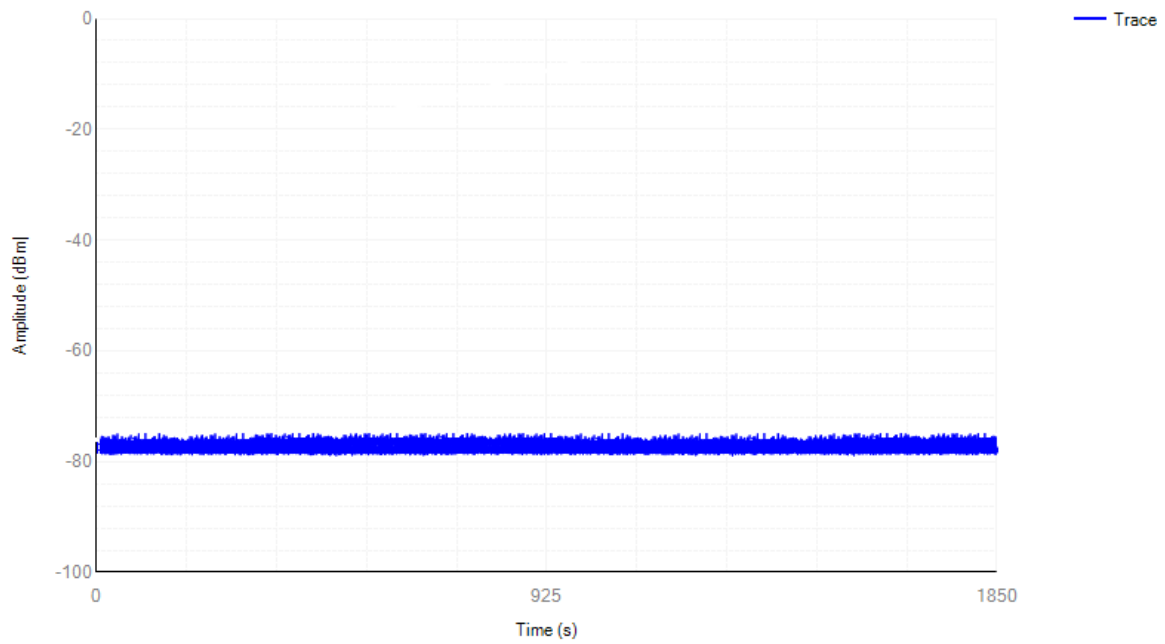


5530MHz ac80 Non-Occupancy



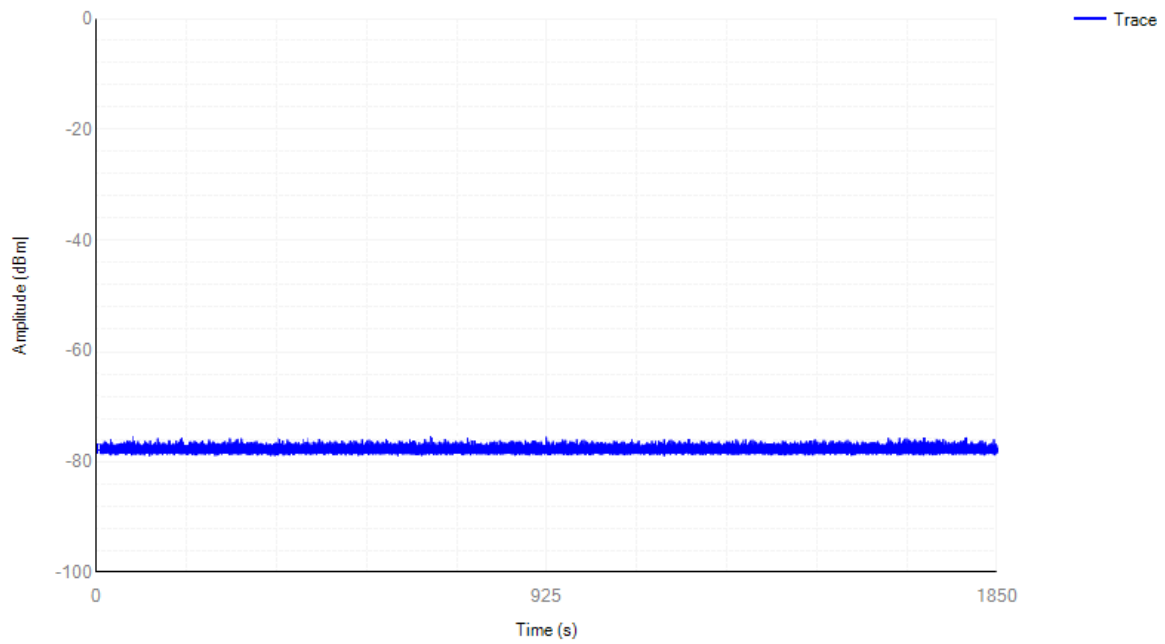
5310MHz n40 Non-Occupancy

Non-Occupancy period



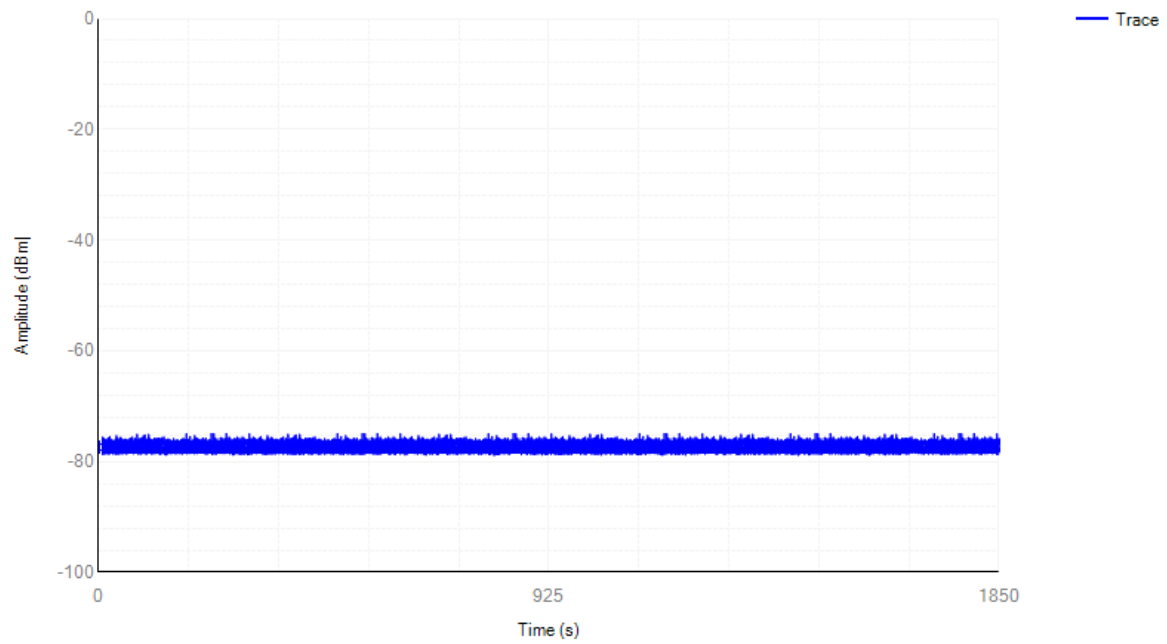
5510MHz n40 Non-Occupancy

Non-Occupancy period



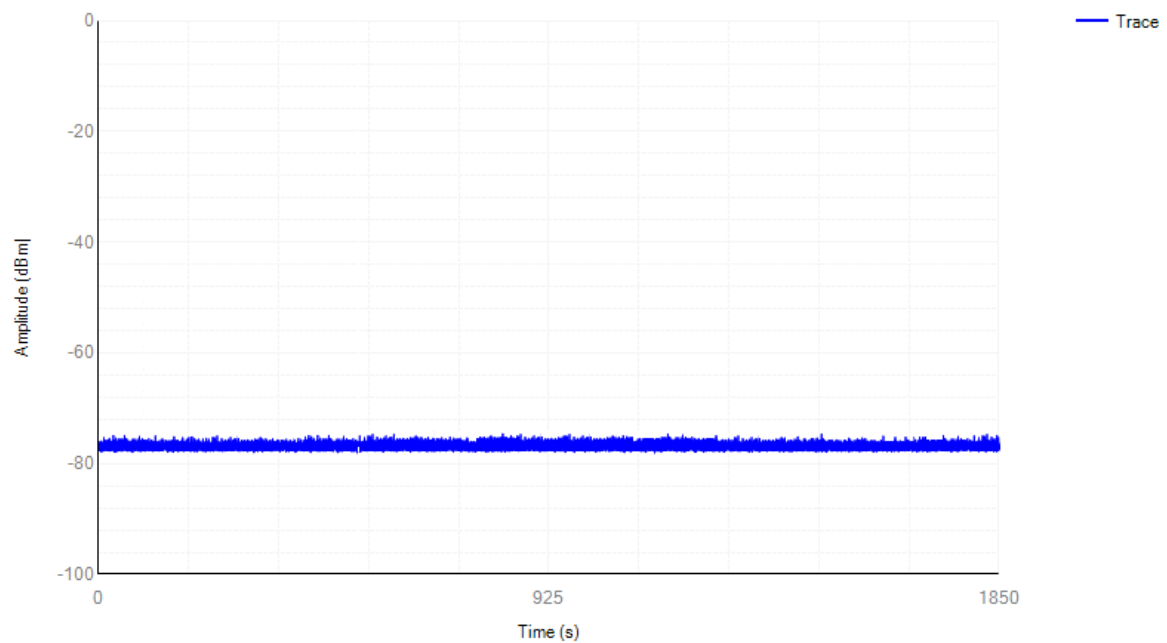
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

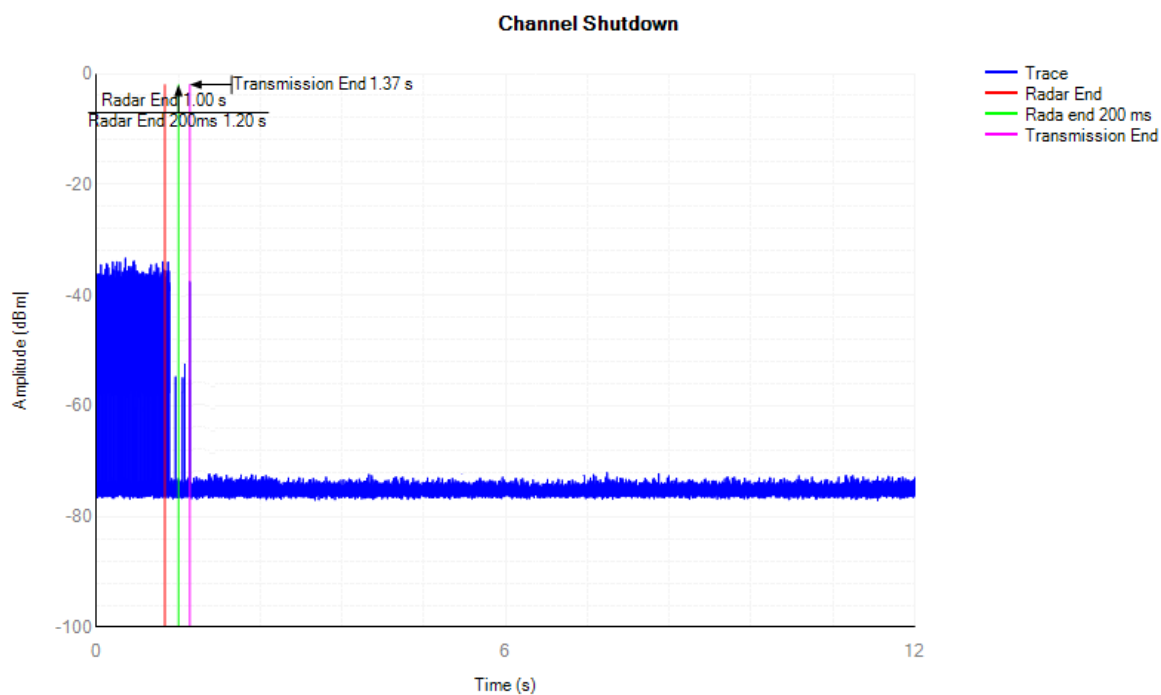
Non-Occupancy period



Shutdown Time

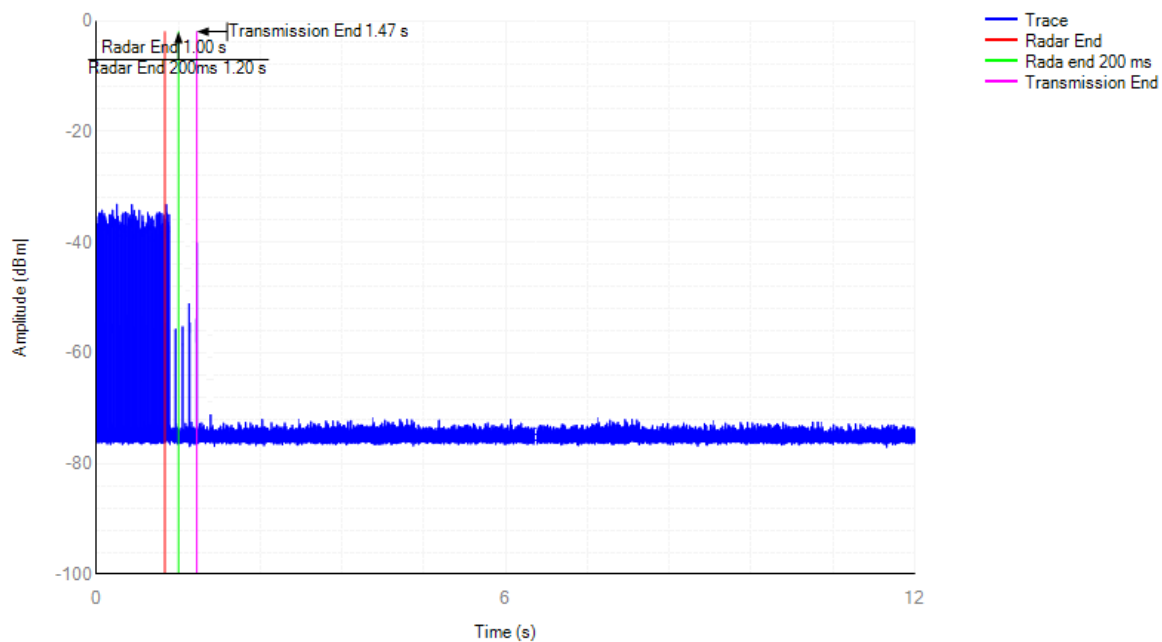
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.4692	10	0.0072	0.26	0.0008	0.06	Pass
n40	5310	0.4284	10	0.004	0.26	0.0024	0.06	Pass
n40	5510	0.4512	10	0.0072	0.26	0.0024	0.06	Pass
a	5320	0.512	10	0.0068	0.26	0.0032	0.06	Pass
a	5500	0.5056	10	0.006	0.26	0.0024	0.06	Pass

5290MHz ac80 Shutdown



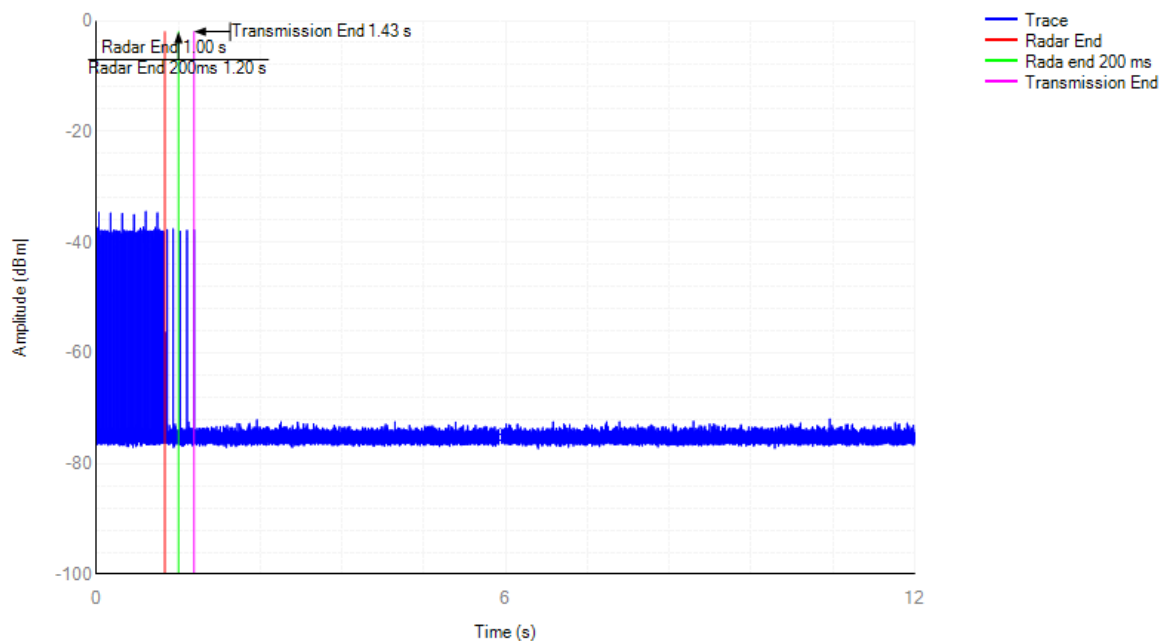
5530MHz ac80 Shutdown

Channel Shutdown



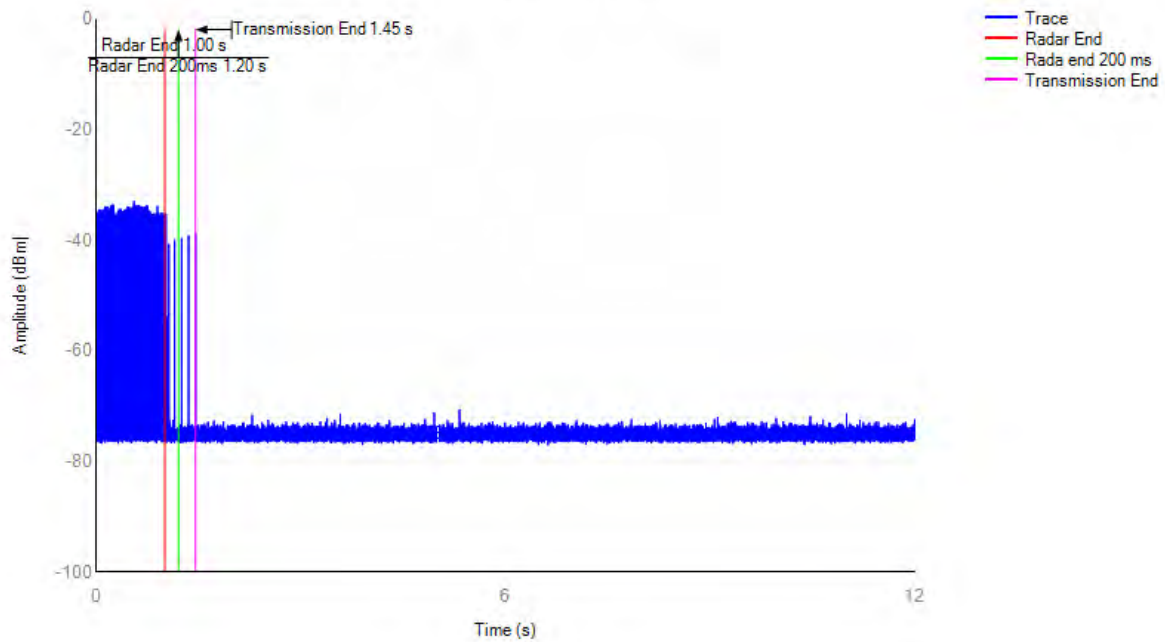
5310MHz n40 Shutdown

Channel Shutdown



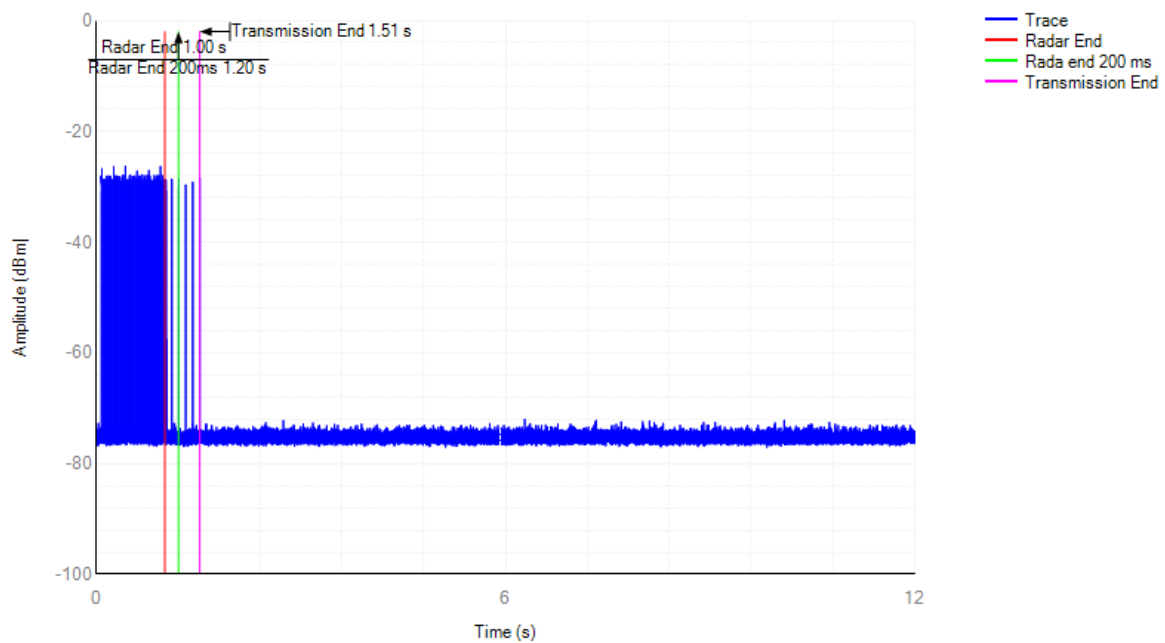
5510MHz n40 Shutdown

Channel Shutdown



5320MHz a Shutdown

Channel Shutdown



5500MHz a Shutdown

Channel Shutdown

