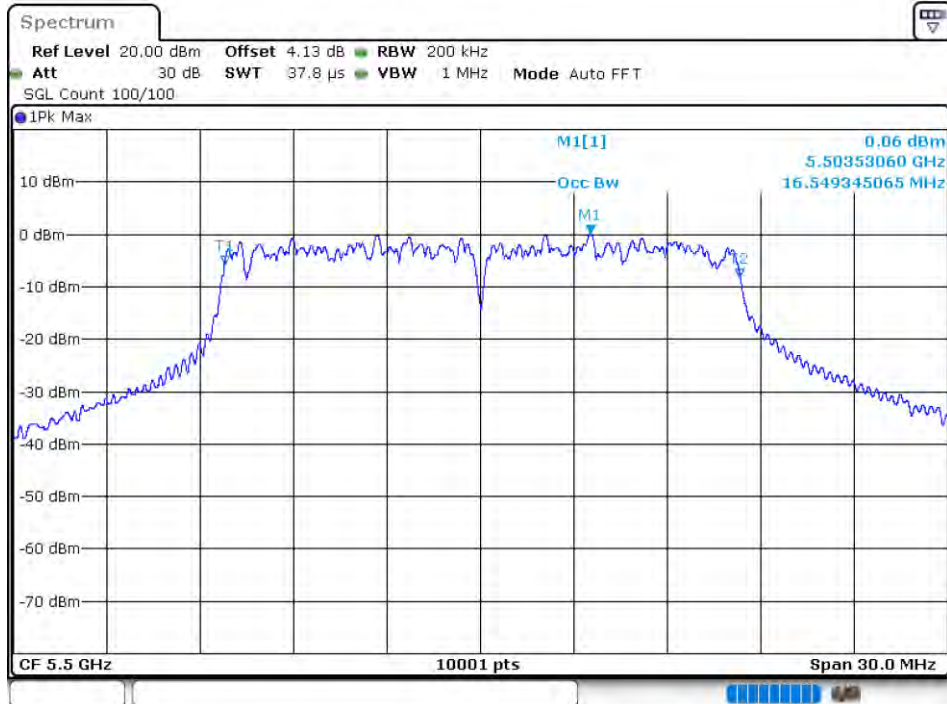
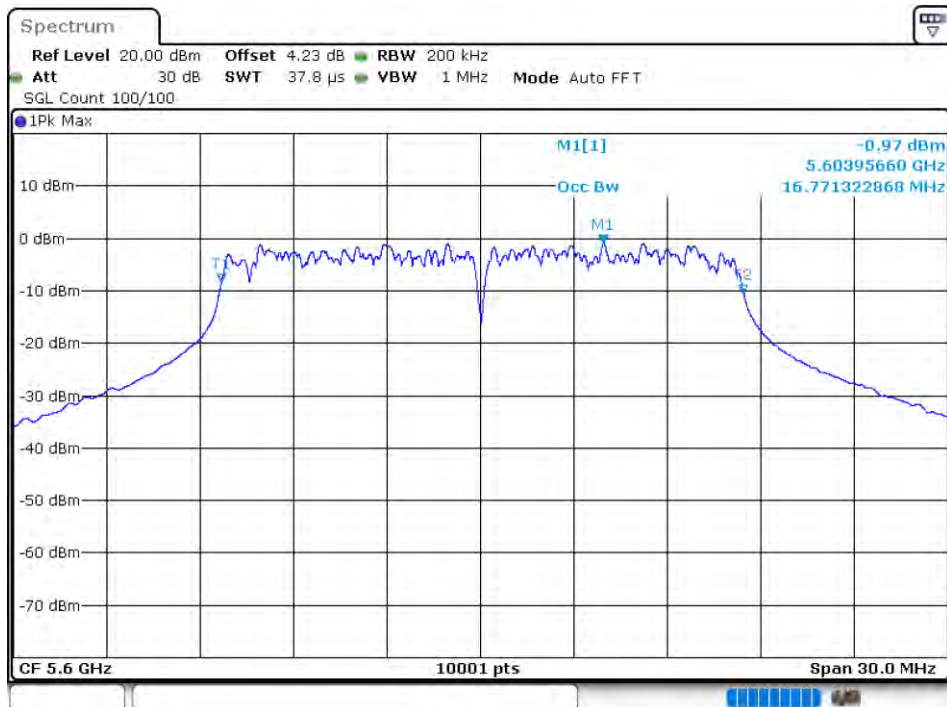


Test Graphs

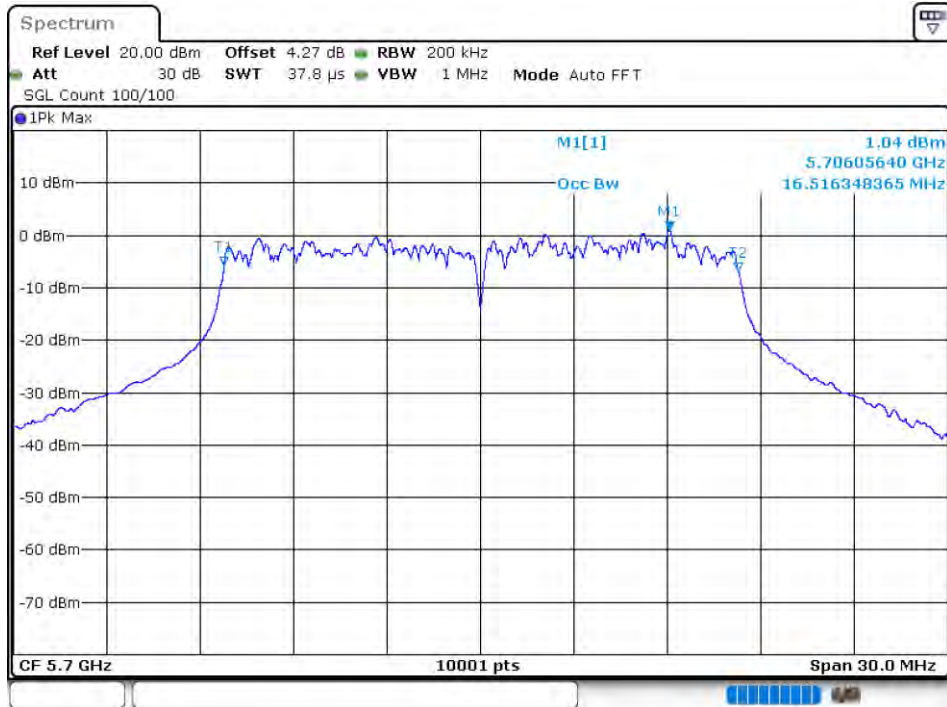
OBW NVNT a 5500MHz Ant1



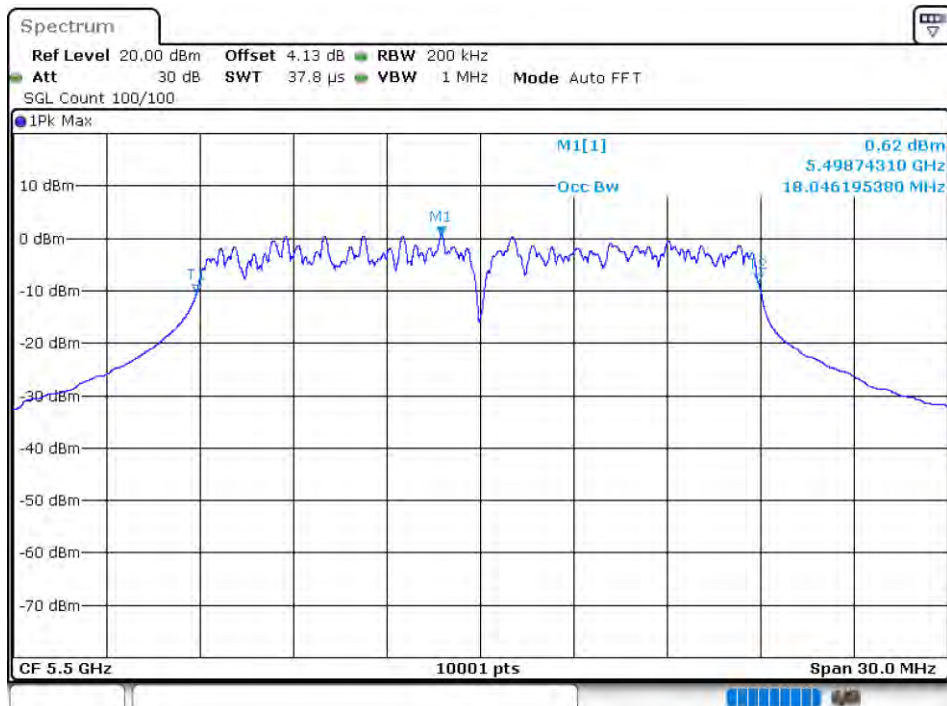
OBW NVNT a 5600MHz Ant1

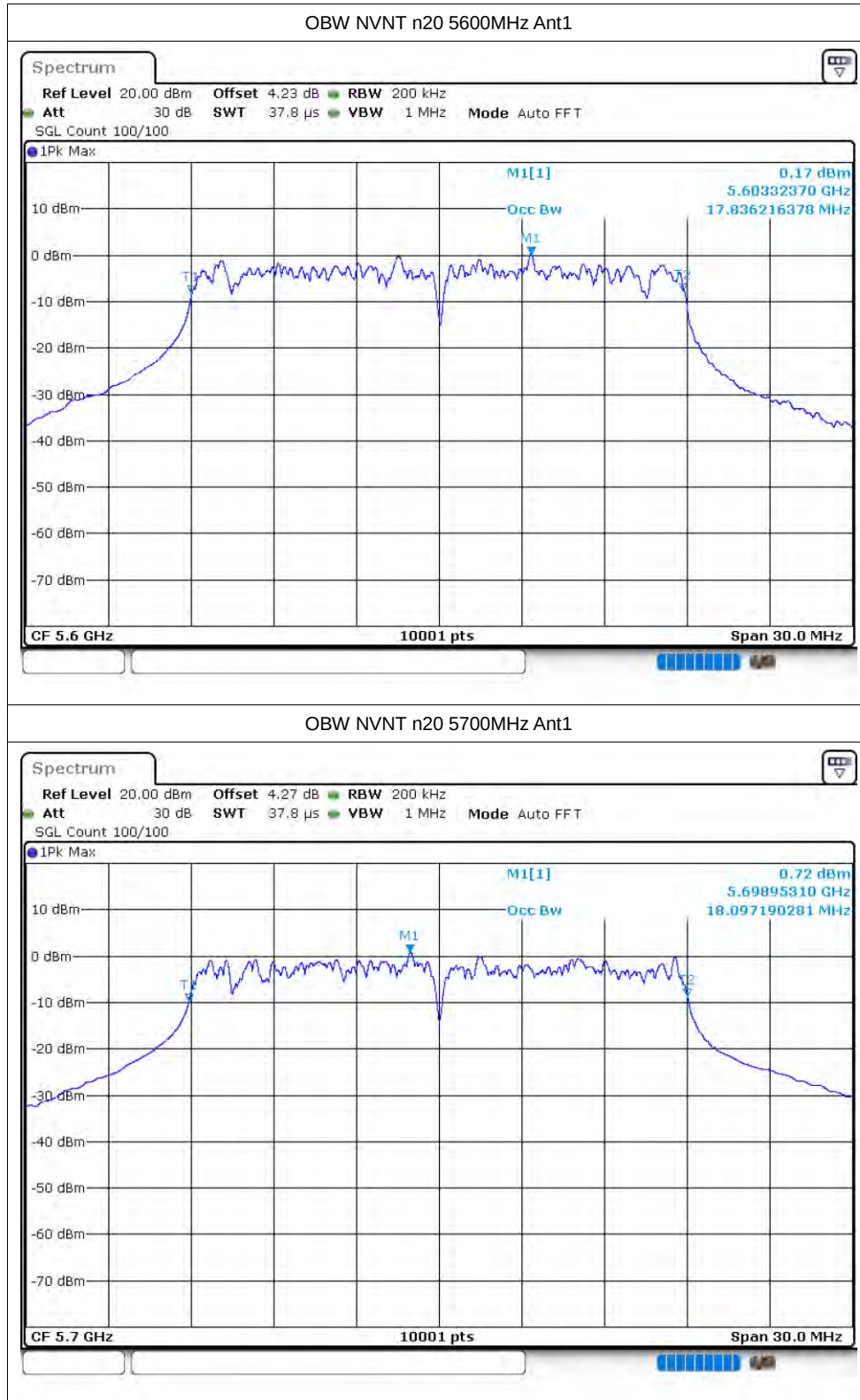


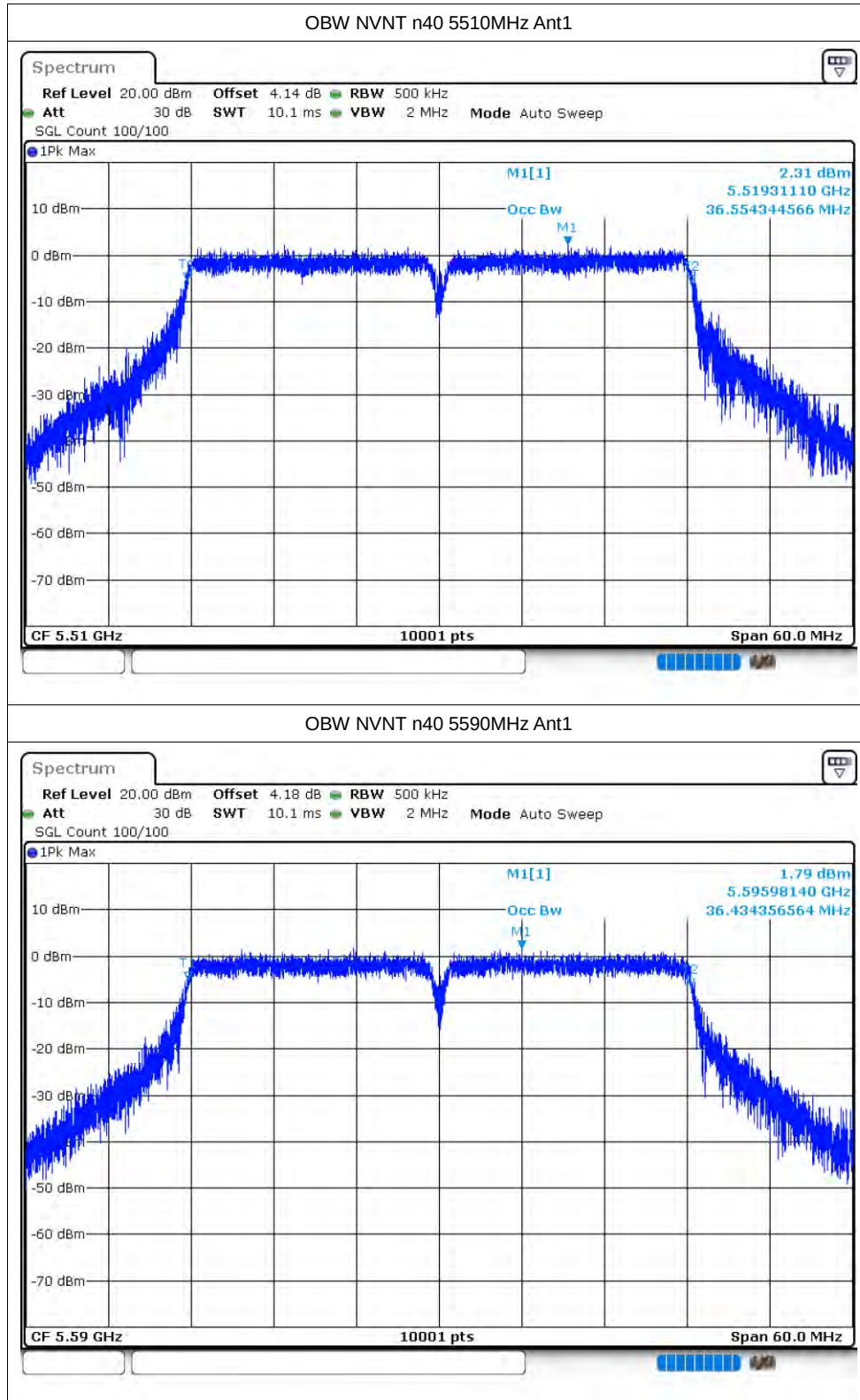
OBW NVNT a 5700MHz Ant1

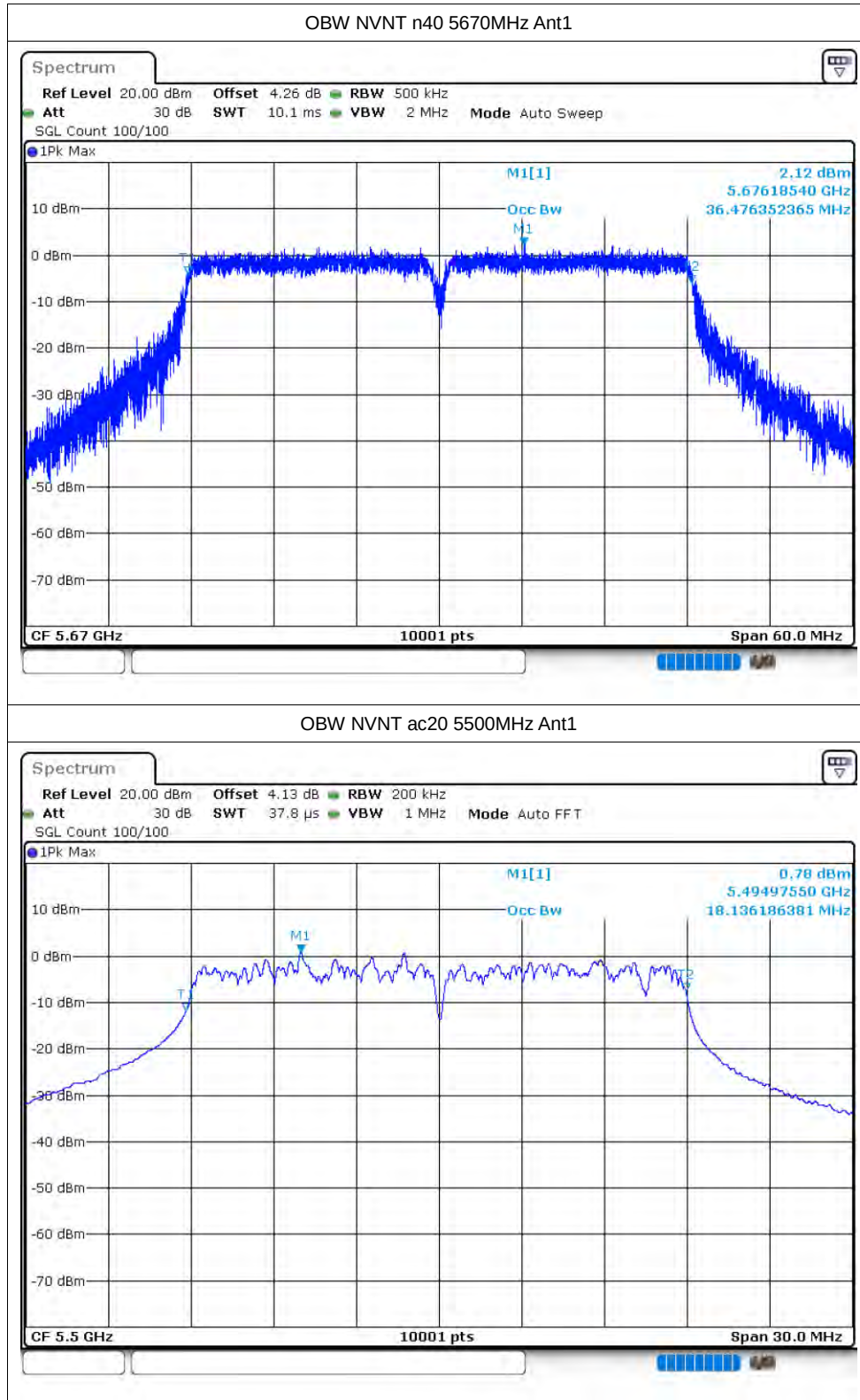


OBW NVNT n20 5500MHz Ant1

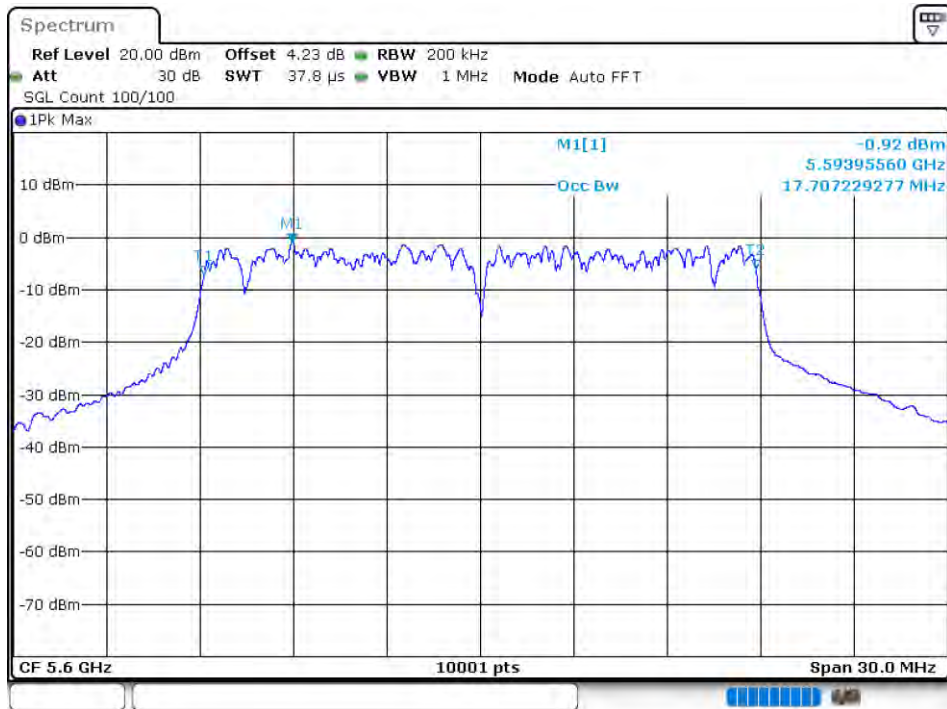




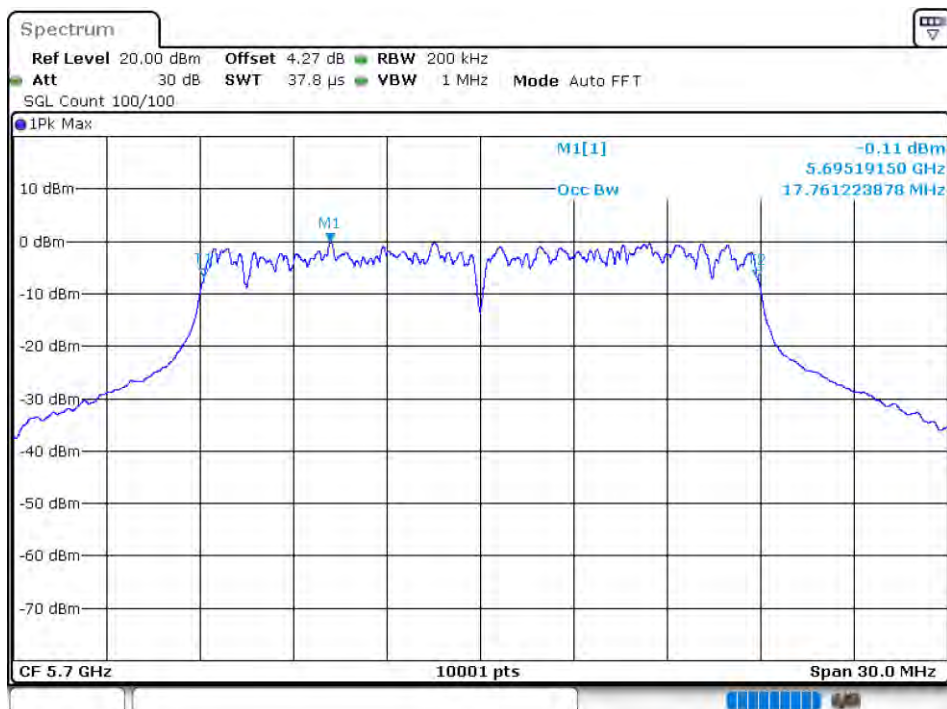


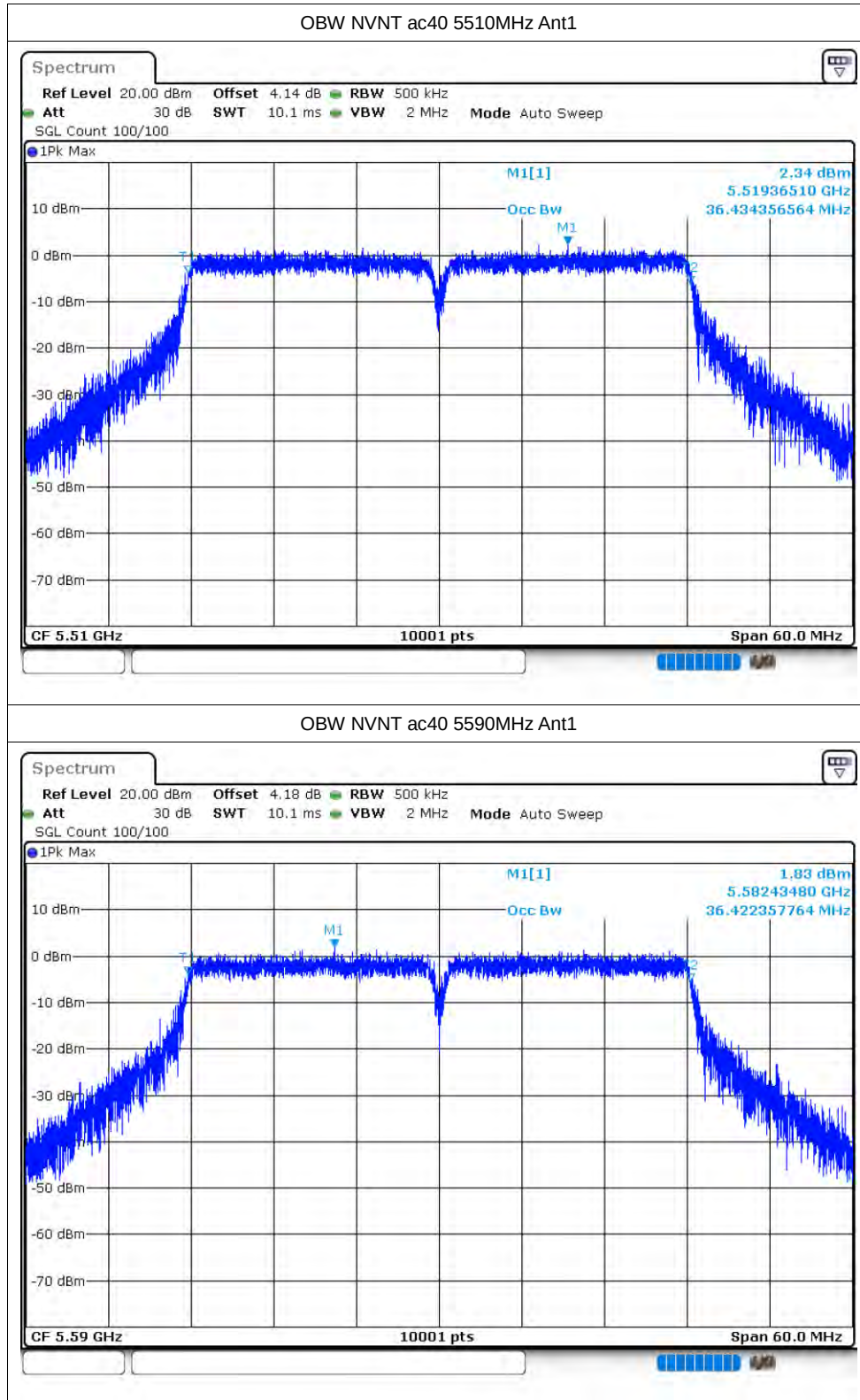


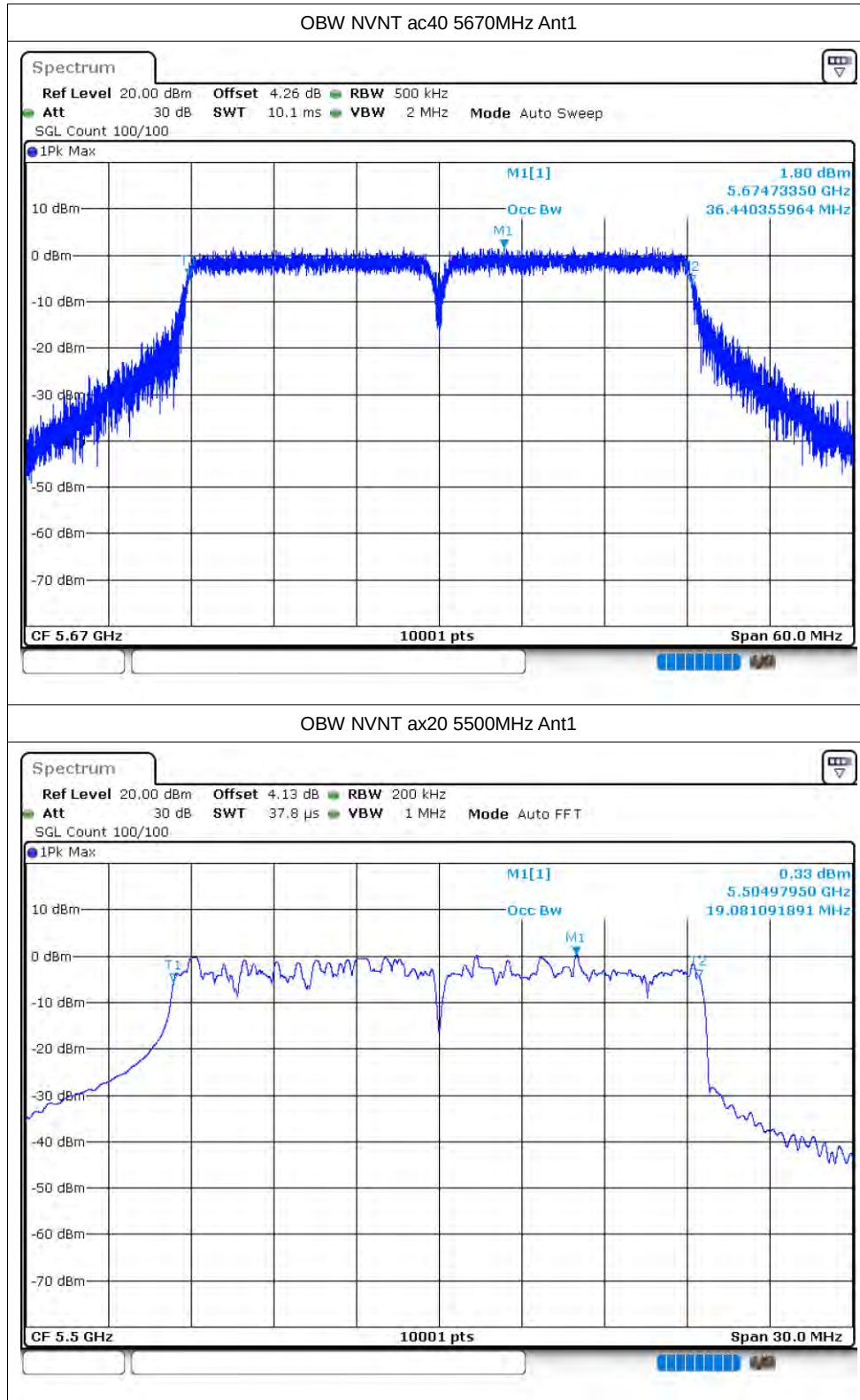
OBW NVNT ac20 5600MHz Ant1



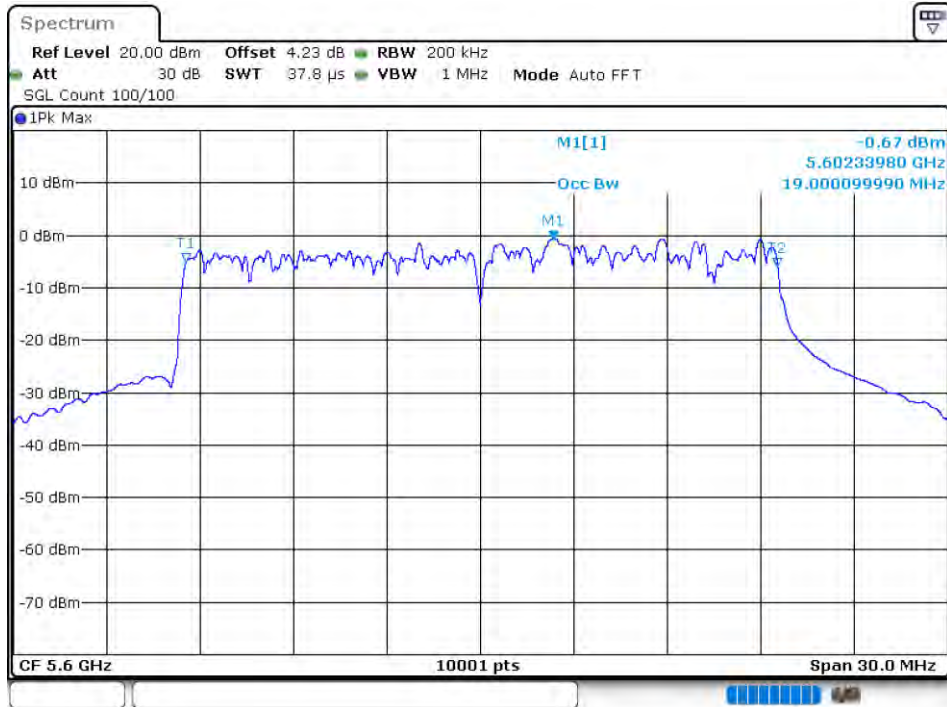
OBW NVNT ac20 5700MHz Ant1



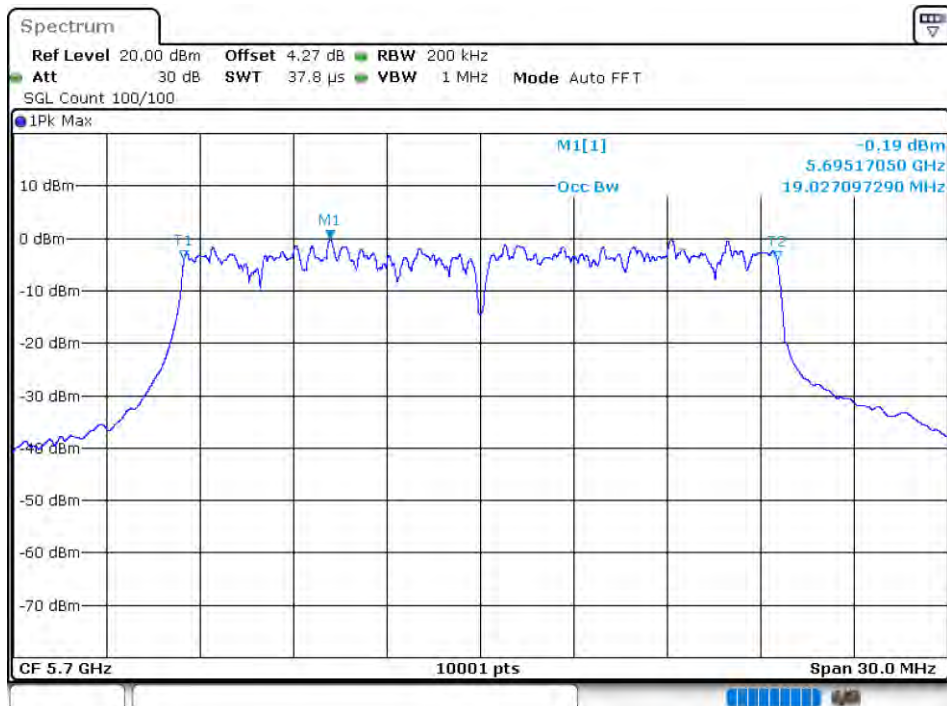


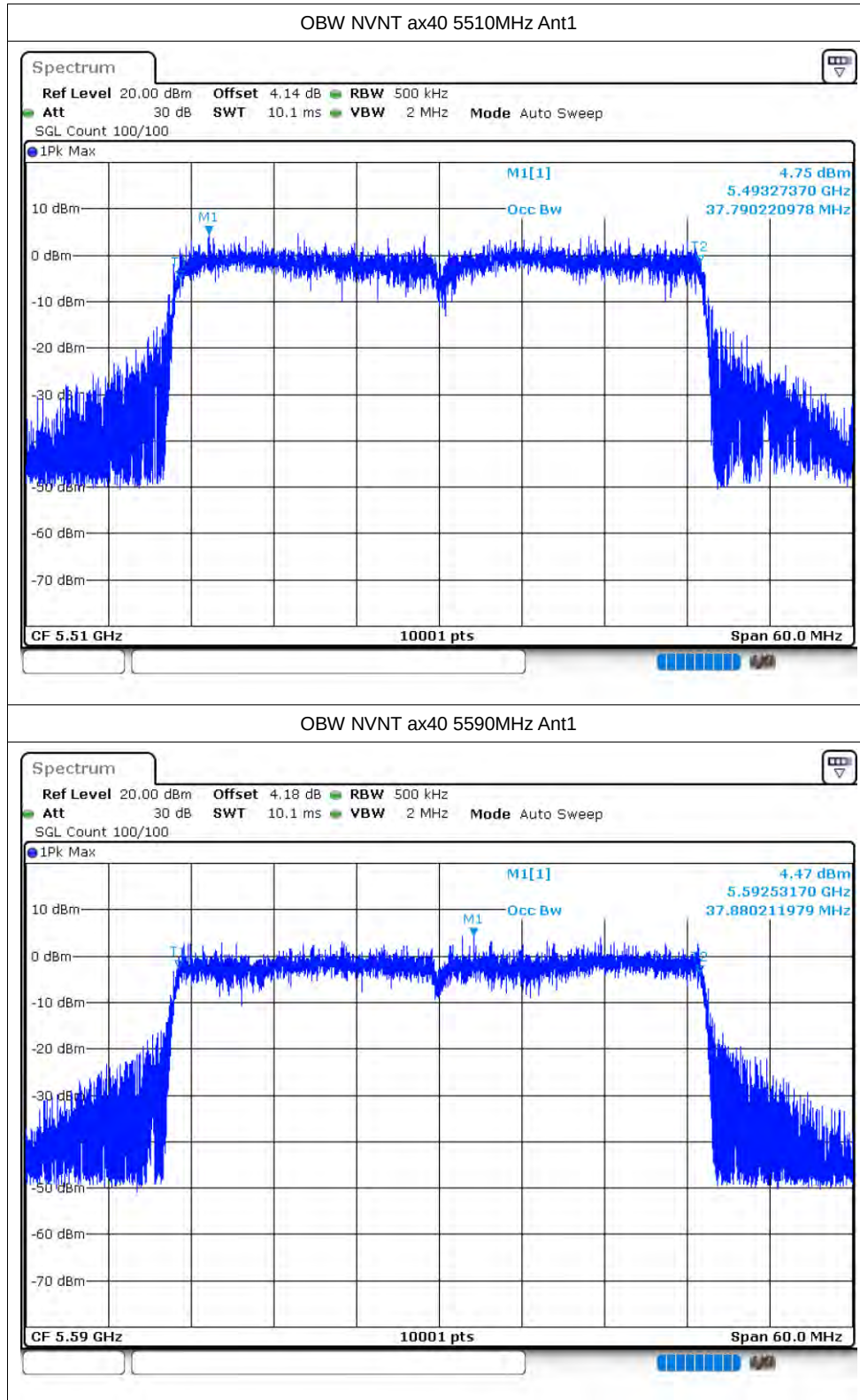


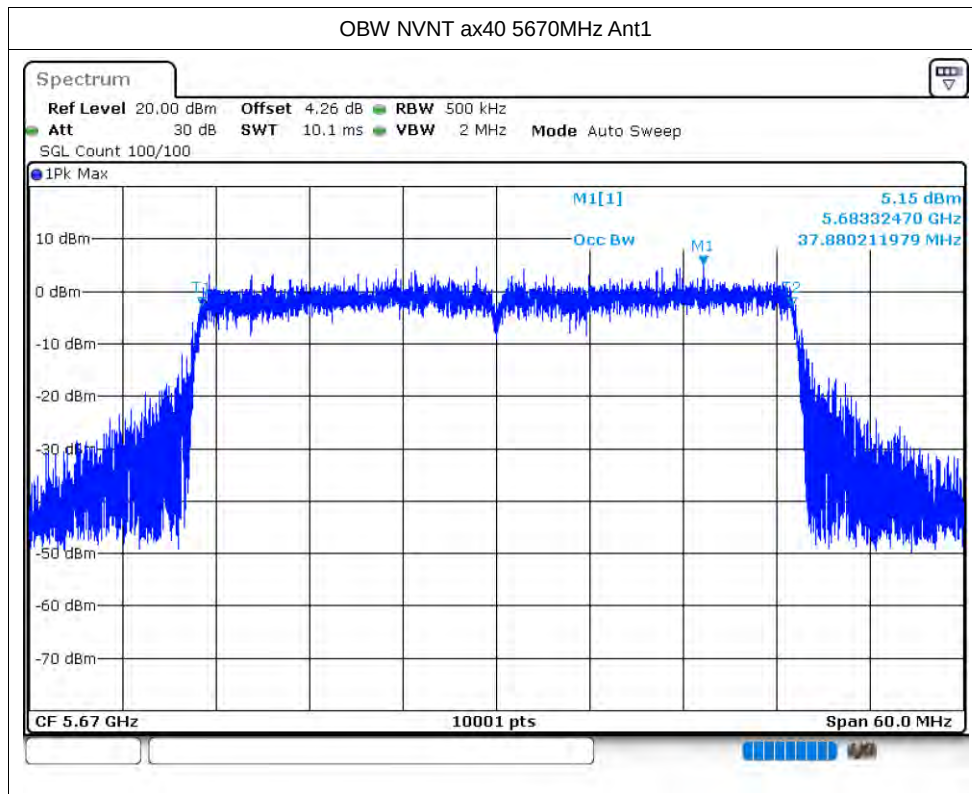
OBW NVNT ax20 5600MHz Ant1



OBW NVNT ax20 5700MHz Ant1





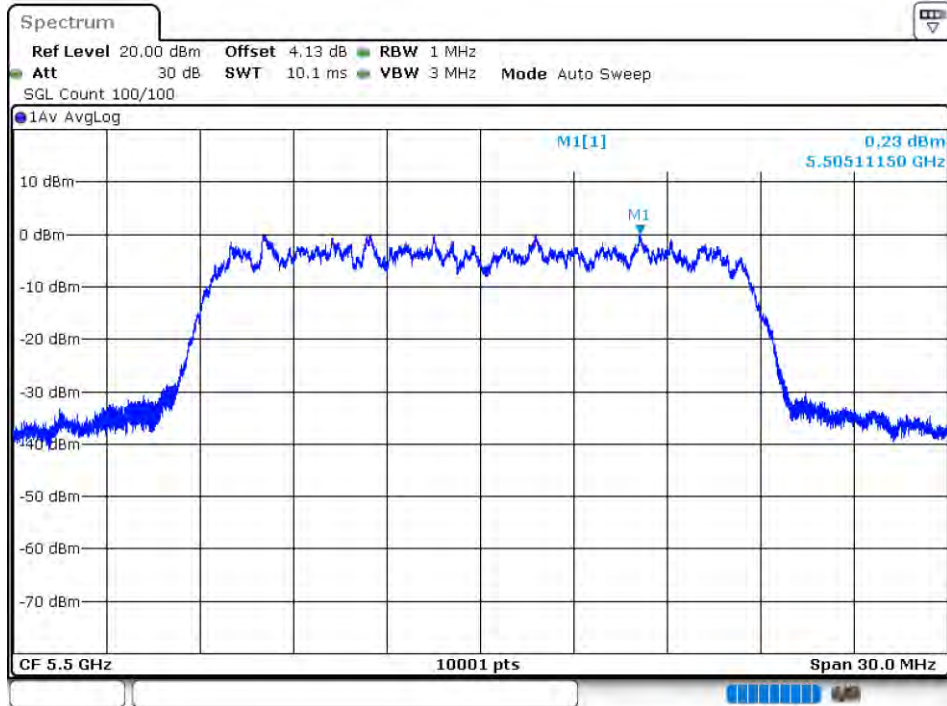


Maximum Power Spectral Density Level

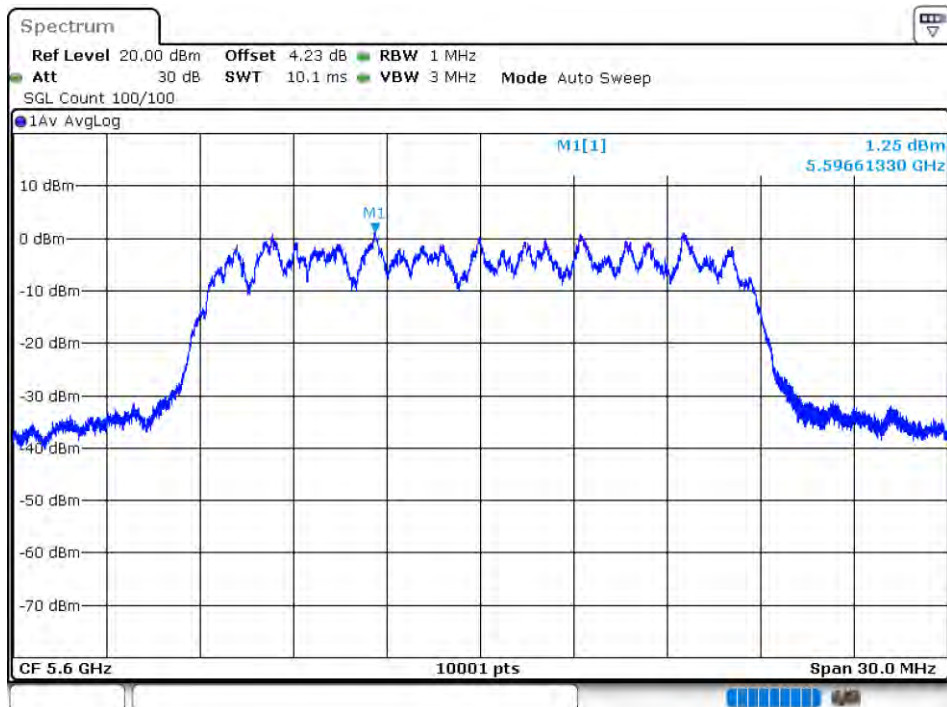
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	0.23	0.47	0.7	11	Pass
NVNT	a	5600	Ant1	1.25	0.5	1.75	11	Pass
NVNT	a	5700	Ant1	1.12	0.5	1.62	11	Pass
NVNT	n20	5500	Ant1	2.12	0.27	2.39	11	Pass
NVNT	n20	5600	Ant1	1.96	0.28	2.24	11	Pass
NVNT	n20	5700	Ant1	3.46	0.28	3.74	11	Pass
NVNT	n40	5510	Ant1	-4.84	0.68	-4.16	11	Pass
NVNT	n40	5590	Ant1	-4.1	0.68	-3.42	11	Pass
NVNT	n40	5670	Ant1	-2.9	0.67	-2.23	11	Pass
NVNT	ac20	5500	Ant1	2.97	0.27	3.24	11	Pass
NVNT	ac20	5600	Ant1	2.03	0.26	2.29	11	Pass
NVNT	ac20	5700	Ant1	2.17	0.33	2.5	11	Pass
NVNT	ac40	5510	Ant1	-4.25	0.69	-3.56	11	Pass
NVNT	ac40	5590	Ant1	-3.58	0.7	-2.88	11	Pass
NVNT	ac40	5670	Ant1	-3.93	0.71	-3.22	11	Pass
NVNT	ax20	5500	Ant1	1.14	0.38	1.52	11	Pass
NVNT	ax20	5600	Ant1	1.48	0.36	1.84	11	Pass
NVNT	ax20	5700	Ant1	0.65	0.44	1.09	11	Pass
NVNT	ax40	5510	Ant1	-3.8	0.78	-3.02	11	Pass
NVNT	ax40	5590	Ant1	-5.85	0.85	-5	11	Pass
NVNT	ax40	5670	Ant1	-5.58	0.85	-4.73	11	Pass

Test Graphs

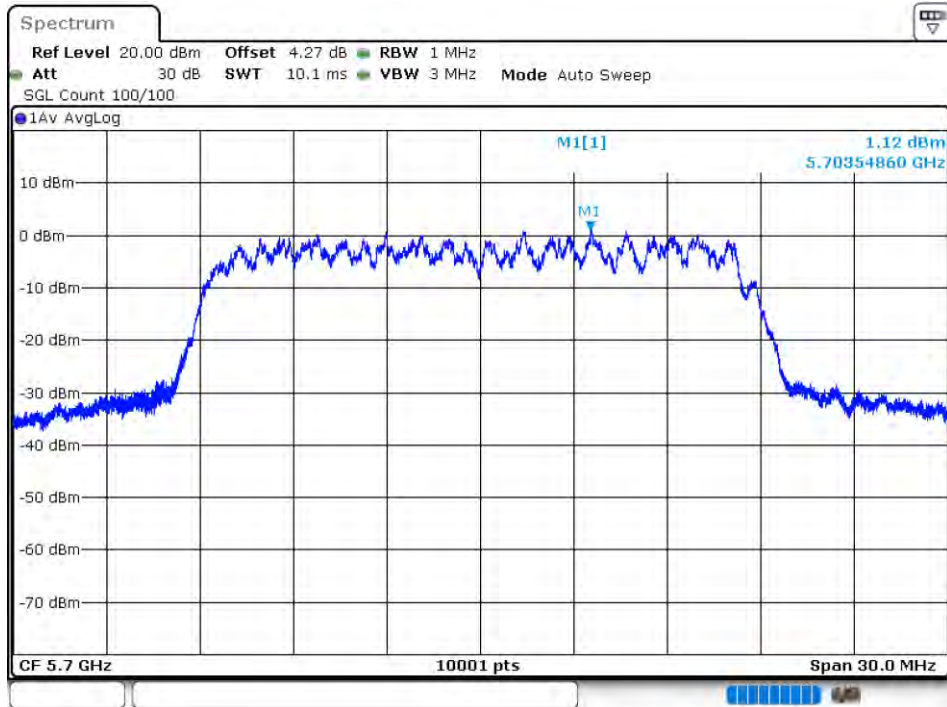
PSD NVNT a 5500MHz Ant1



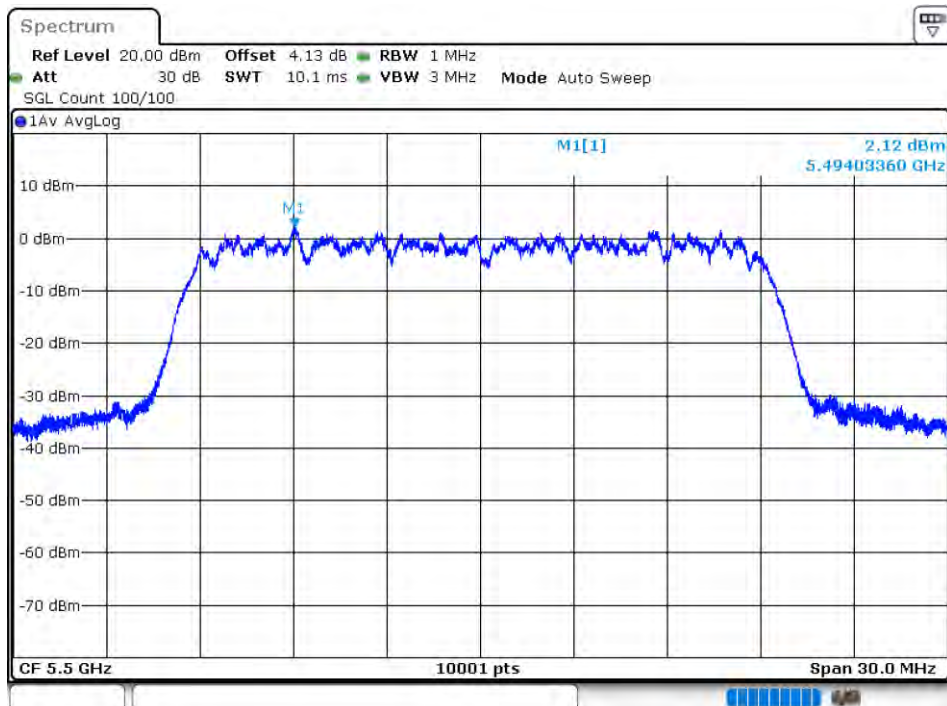
PSD NVNT a 5600MHz Ant1

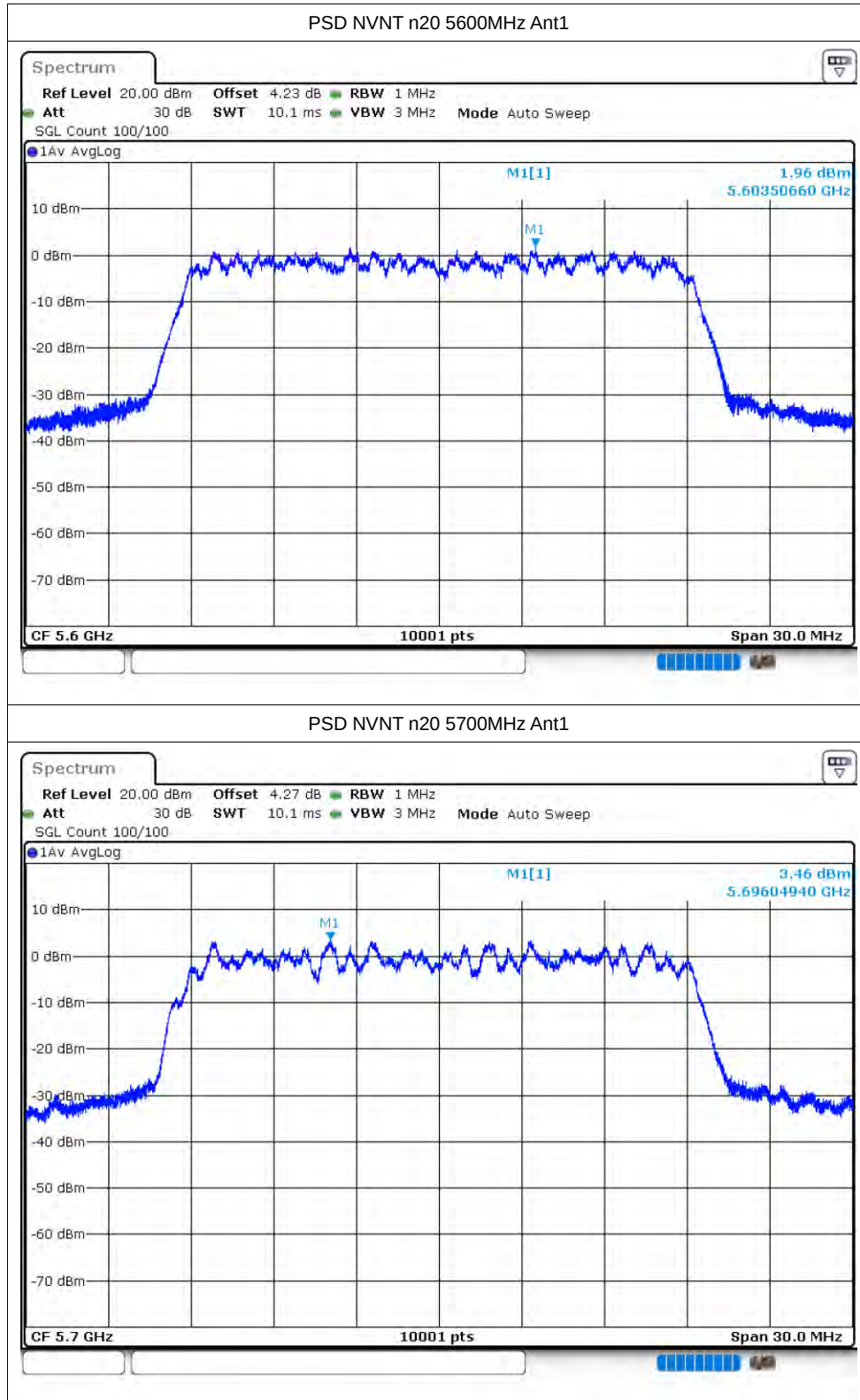


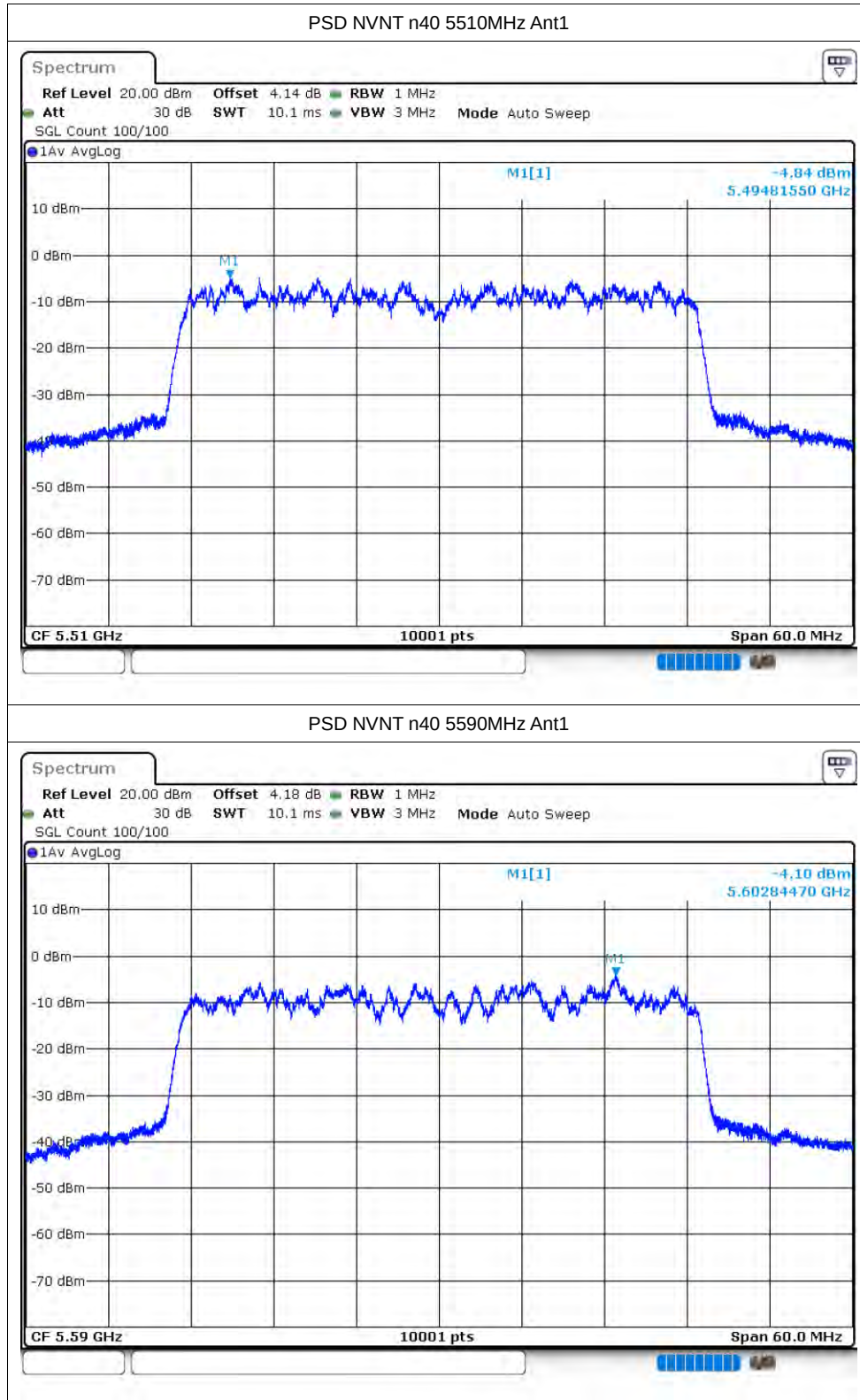
PSD NVNT a 5700MHz Ant1

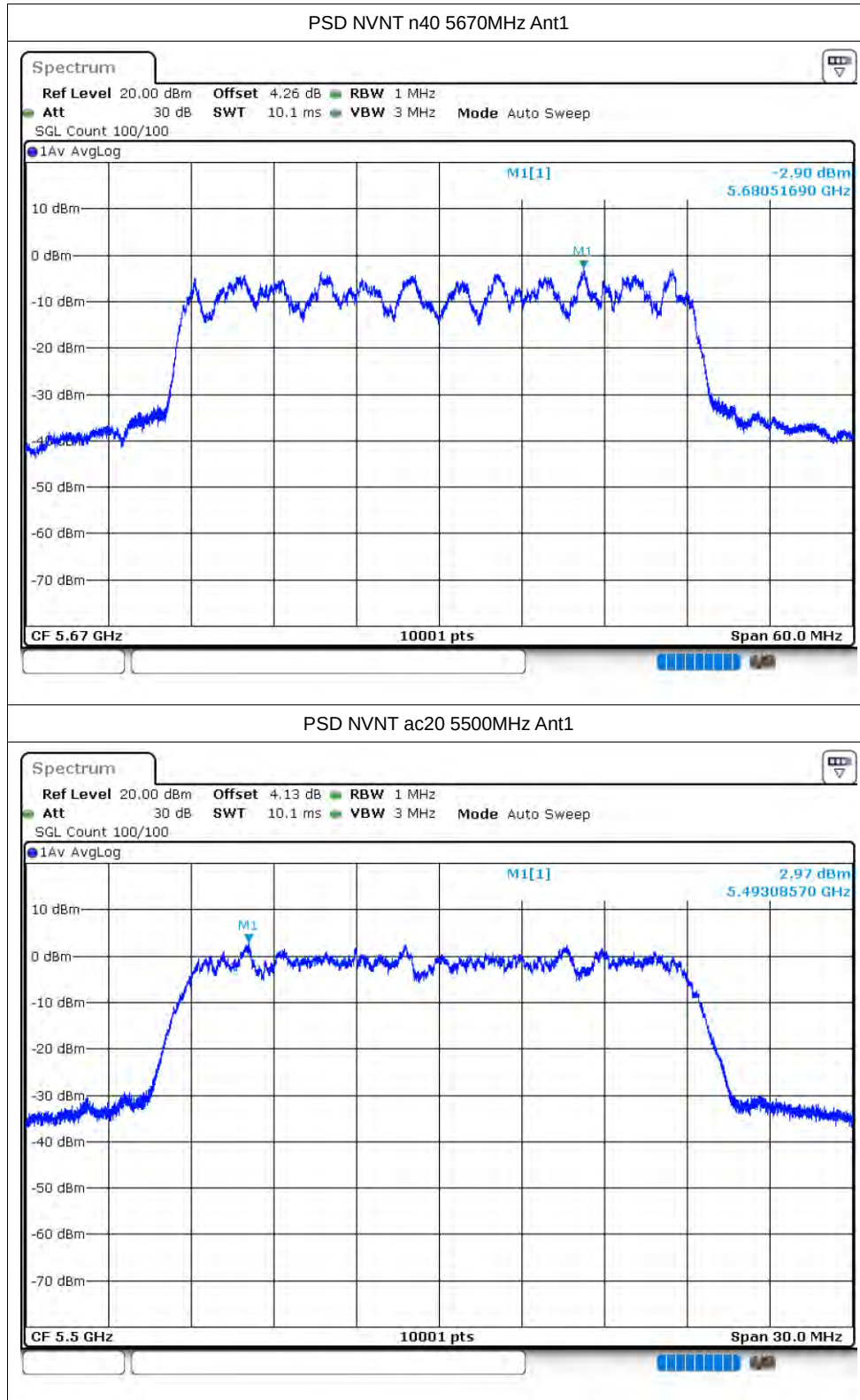


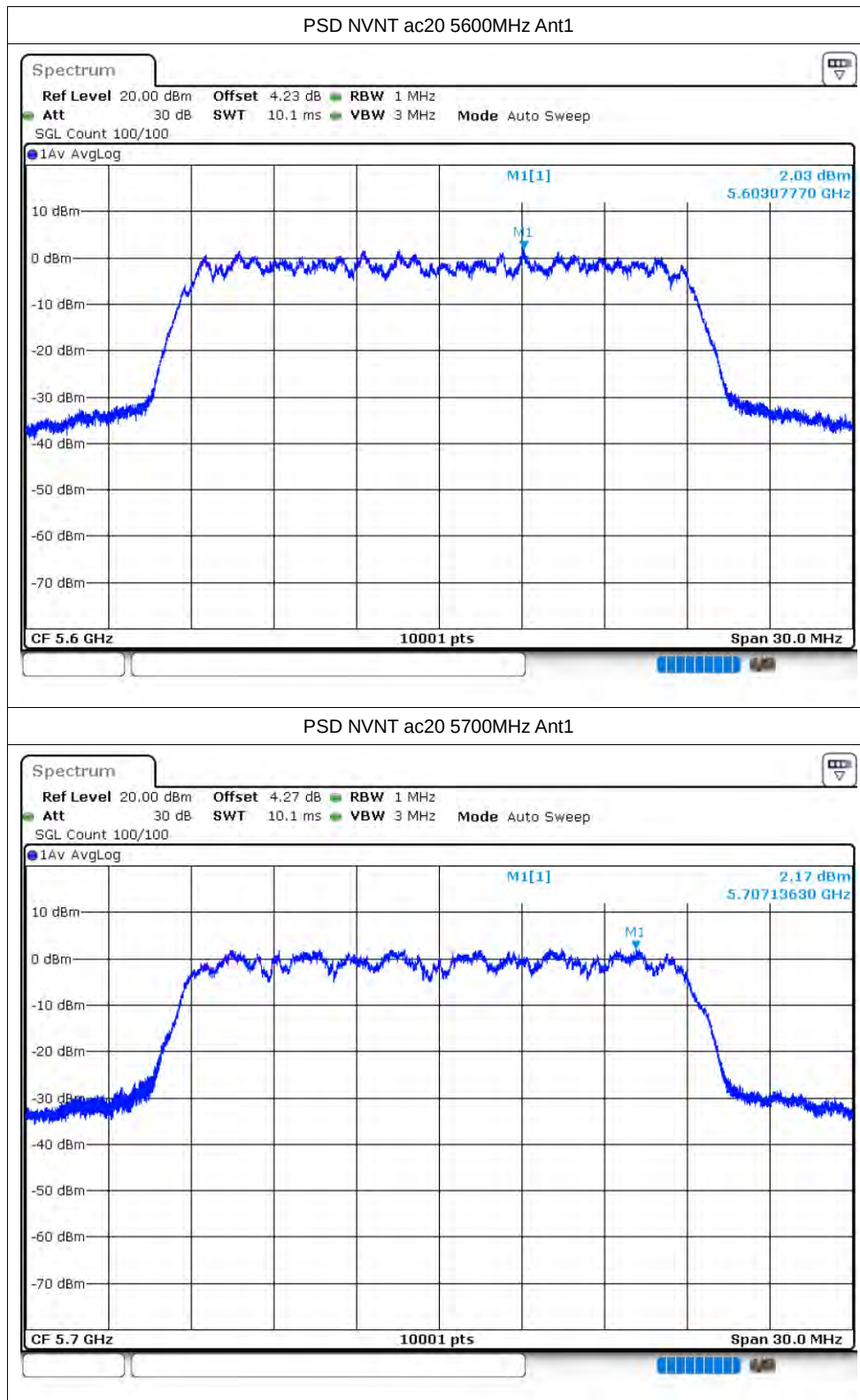
PSD NVNT n20 5500MHz Ant1

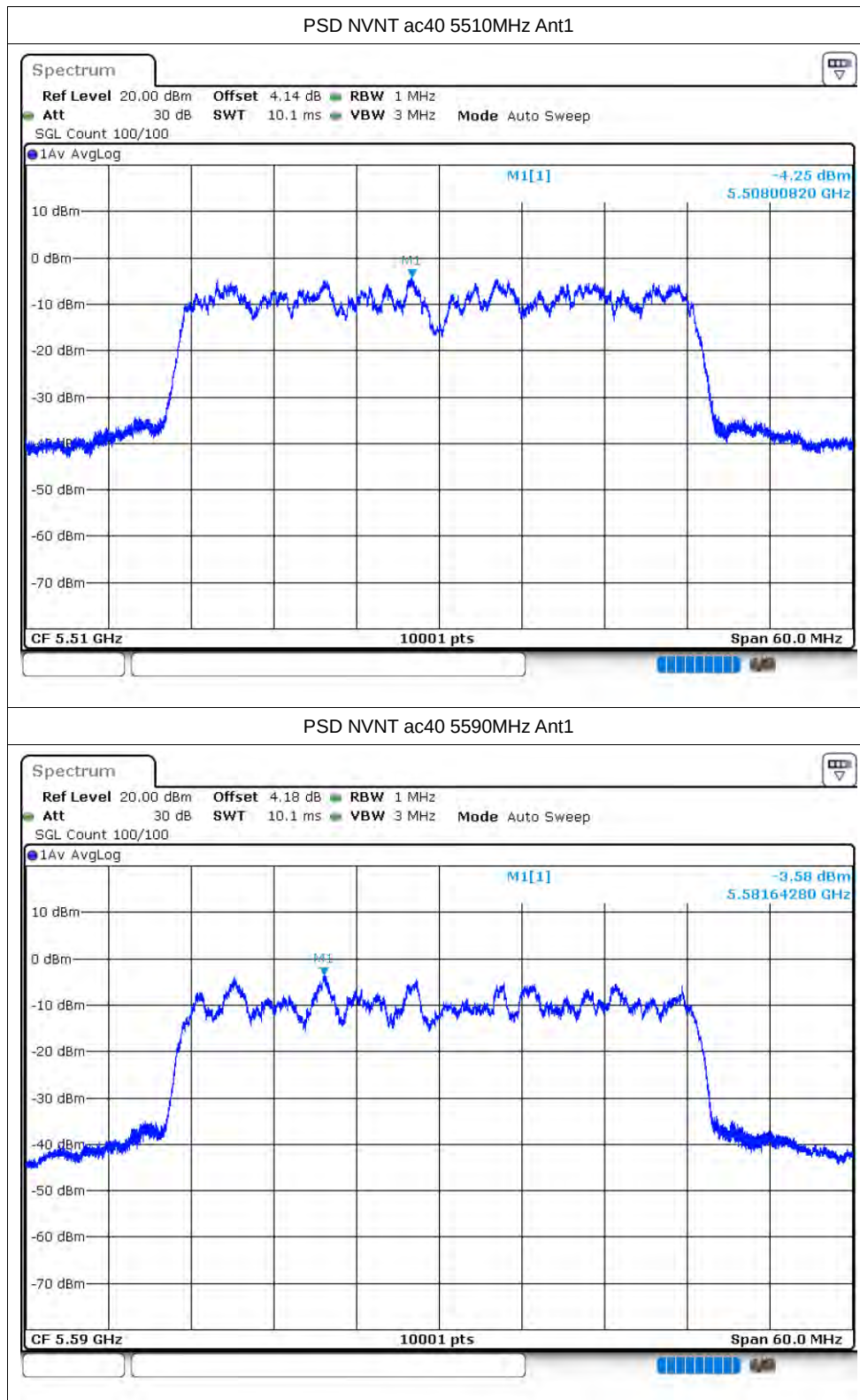


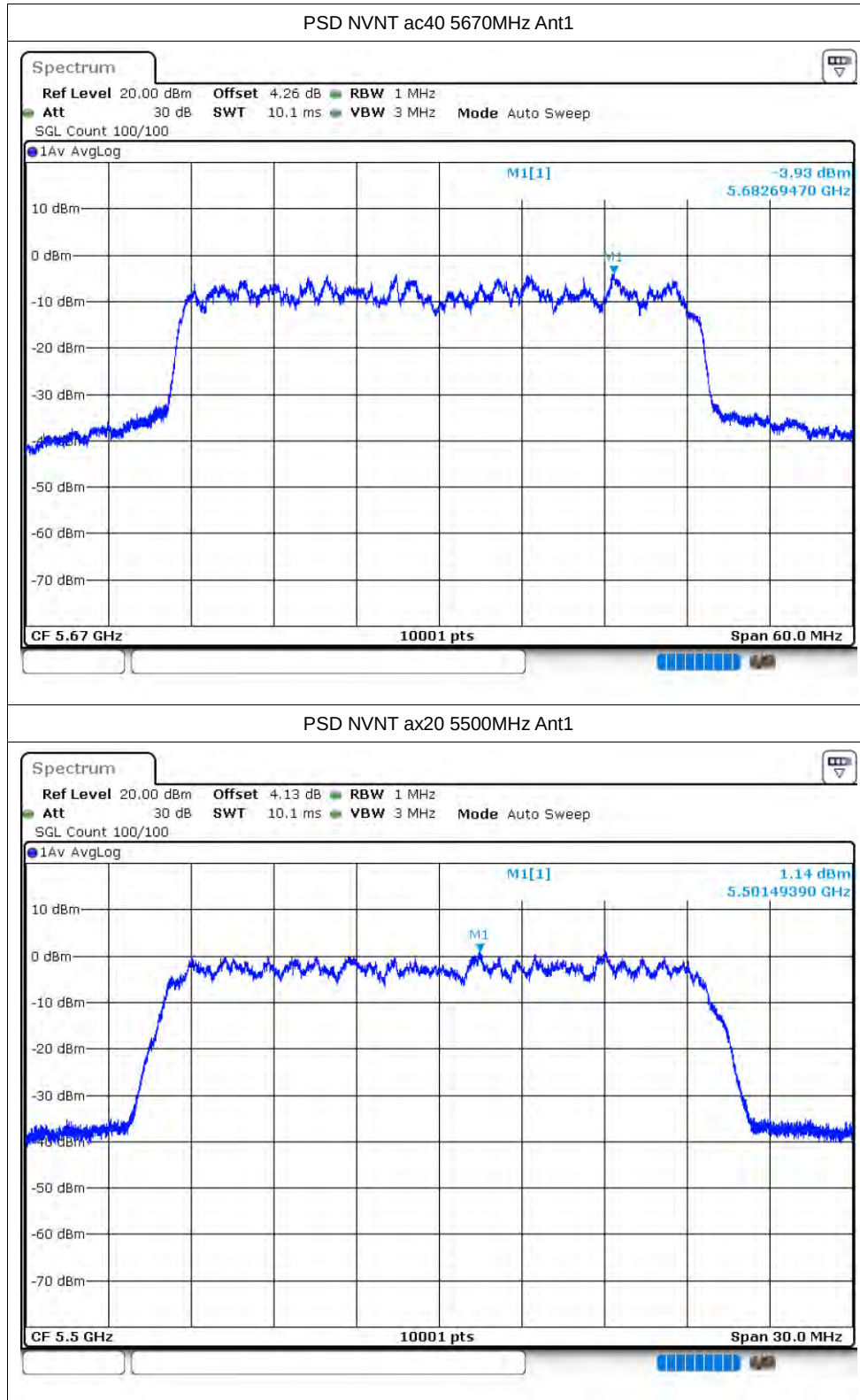


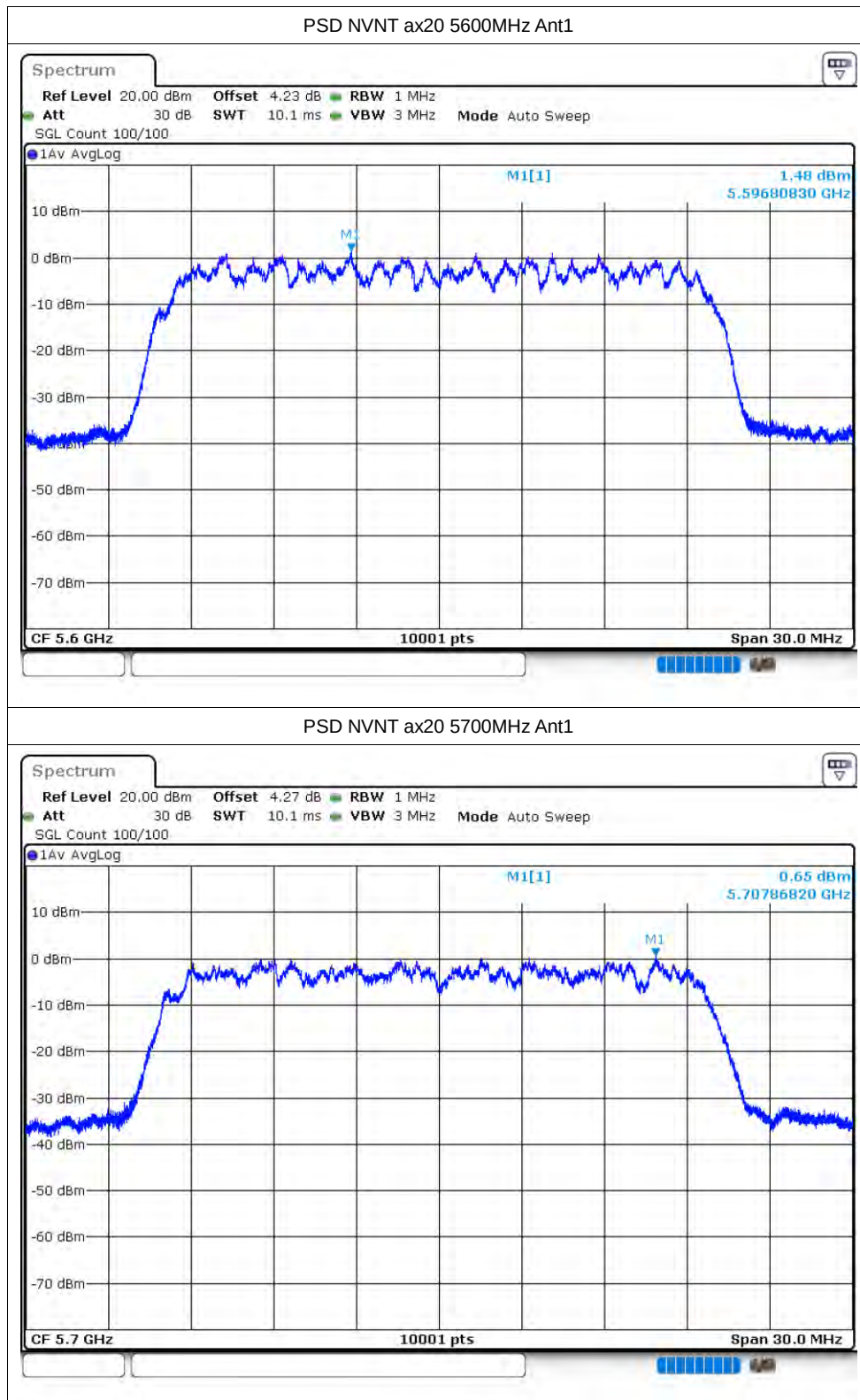


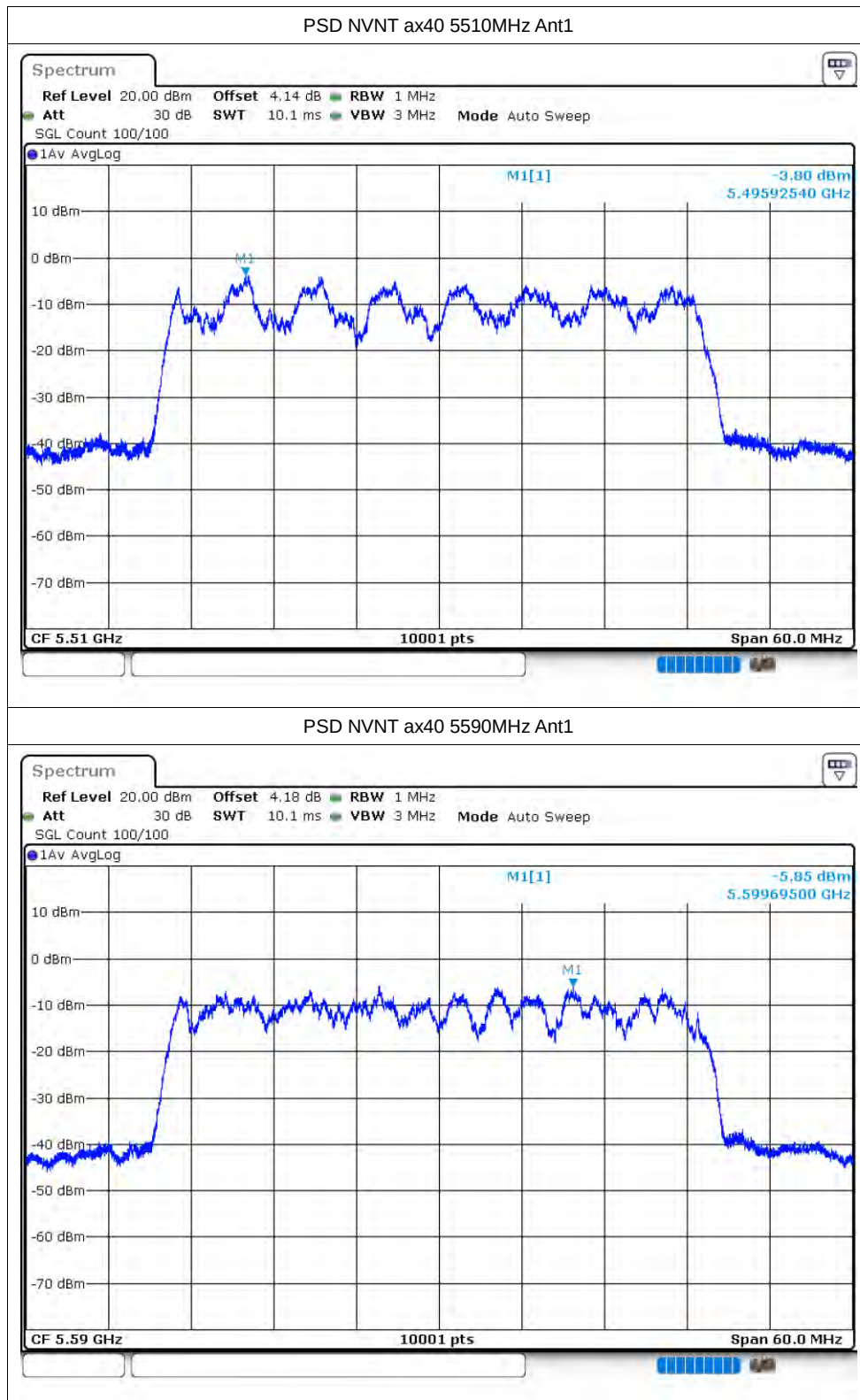


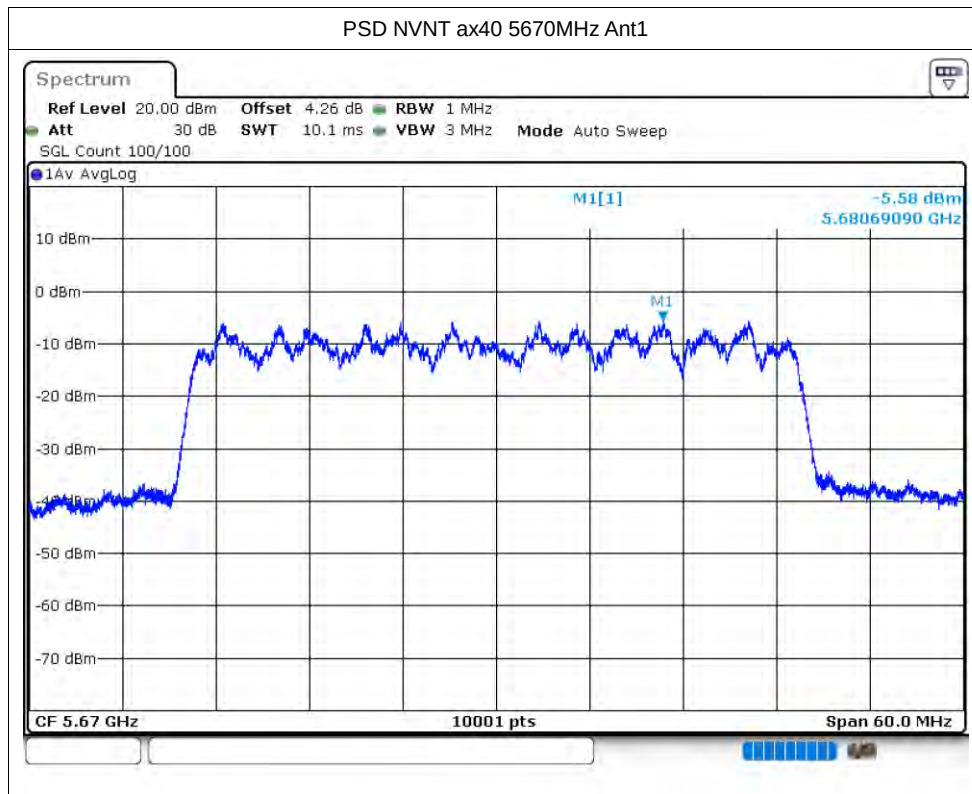










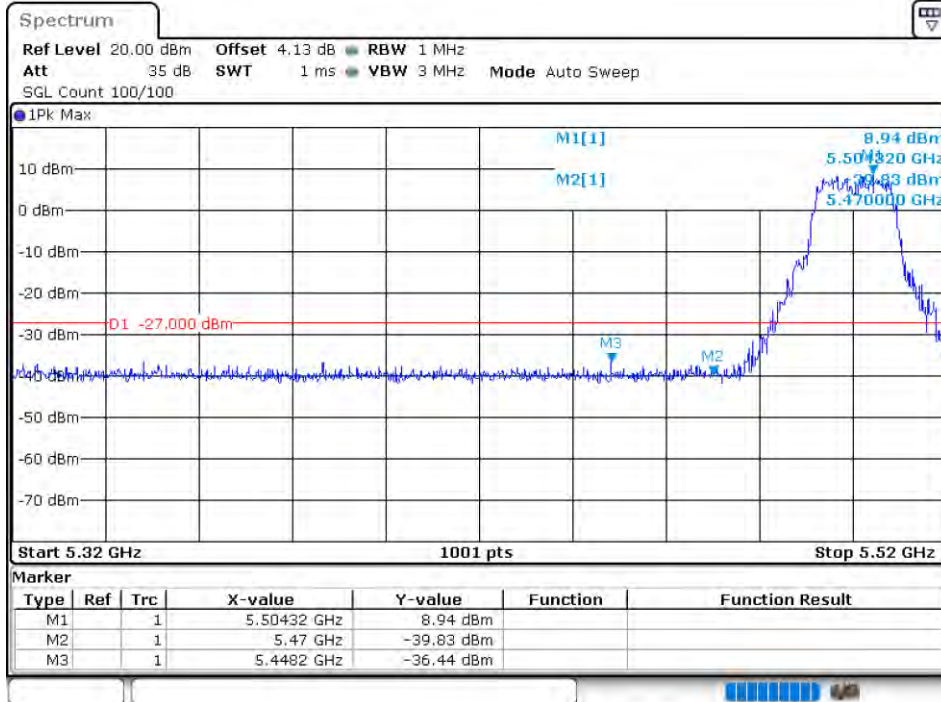


Band Edge

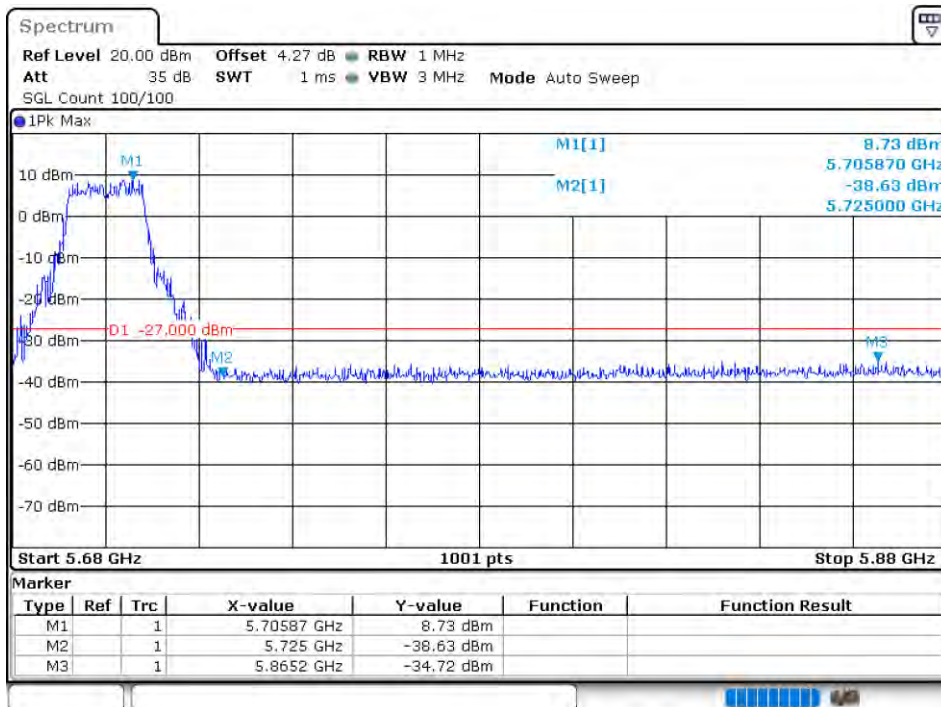
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-36.44	-27	Pass
NVNT	a	5700	Ant1	-34.72	-27	Pass
NVNT	n20	5500	Ant1	-36.75	-27	Pass
NVNT	n20	5700	Ant1	-34.94	-27	Pass
NVNT	n40	5510	Ant1	-35.2	-27	Pass
NVNT	n40	5670	Ant1	-34.74	-27	Pass
NVNT	ac20	5500	Ant1	-32.85	-27	Pass
NVNT	ac20	5700	Ant1	-34.79	-27	Pass
NVNT	ac40	5510	Ant1	-36.58	-27	Pass
NVNT	ac40	5670	Ant1	-35.31	-27	Pass
NVNT	ax20	5500	Ant1	-41.44	-27	Pass
NVNT	ax20	5700	Ant1	-38.06	-27	Pass
NVNT	ax40	5510	Ant1	-33.9	-27	Pass
NVNT	ax40	5670	Ant1	-41.05	-27	Pass

Test Graphs

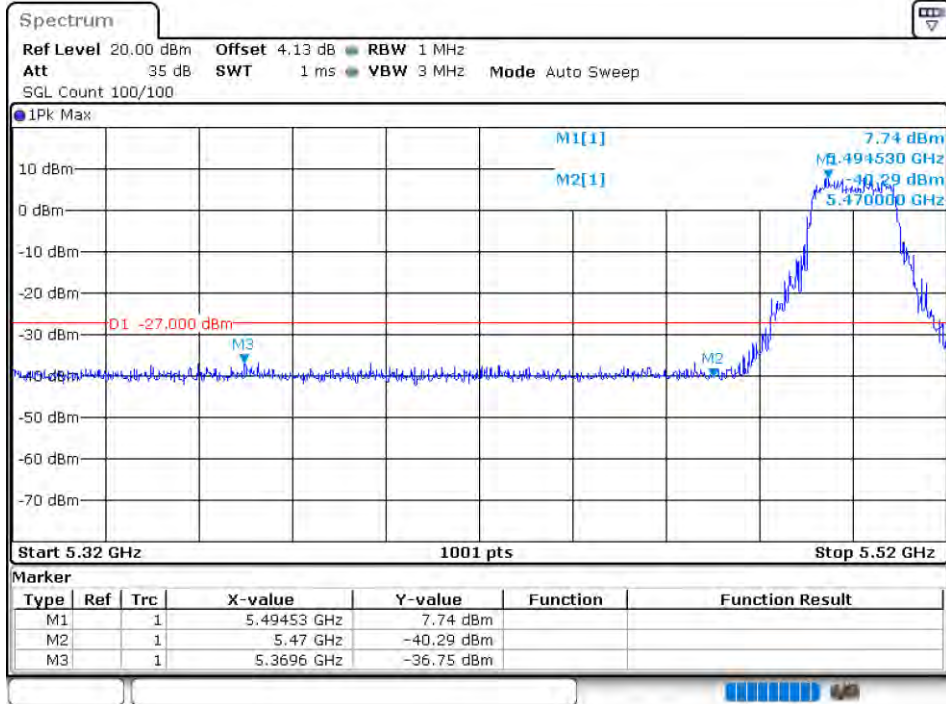
Band Edge NVNT a 5500MHz Low Ant1



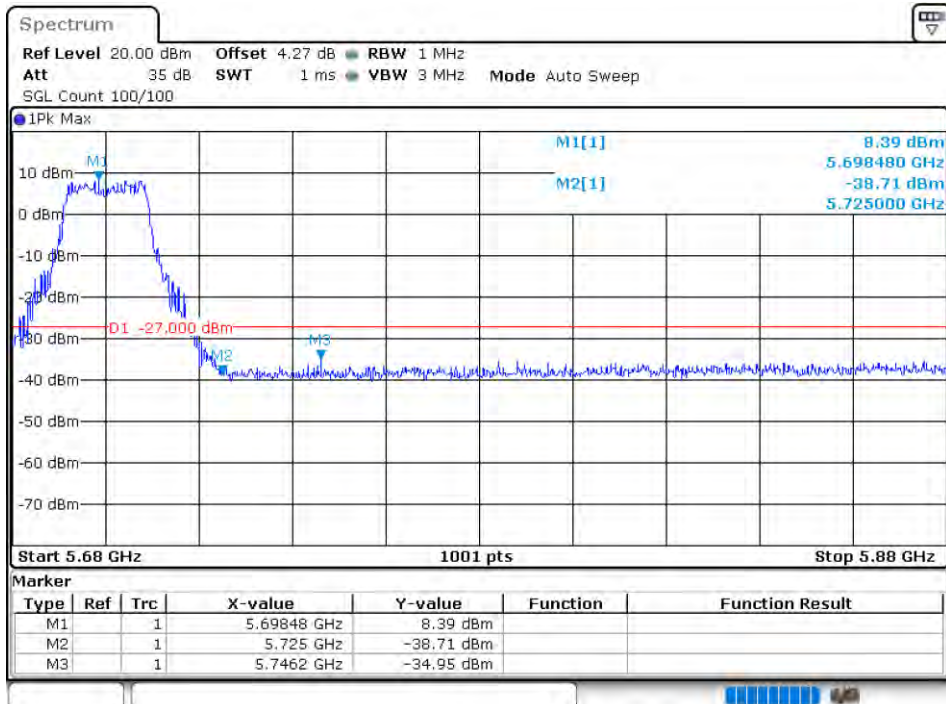
Band Edge NVNT a 5700MHz High Ant1



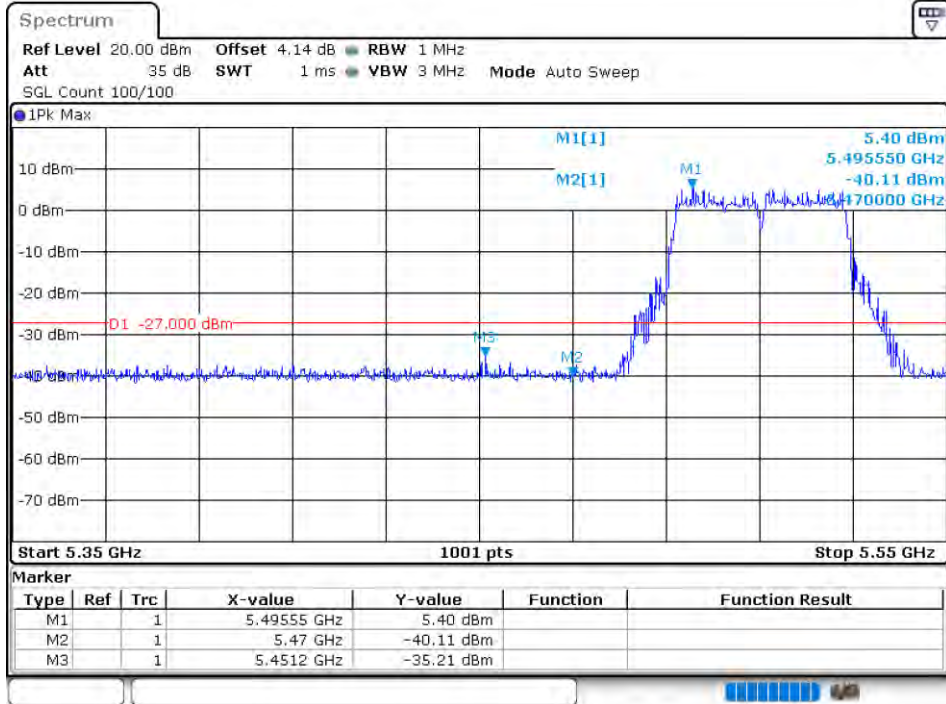
Band Edge NVNT n20 5500MHz Low Ant1



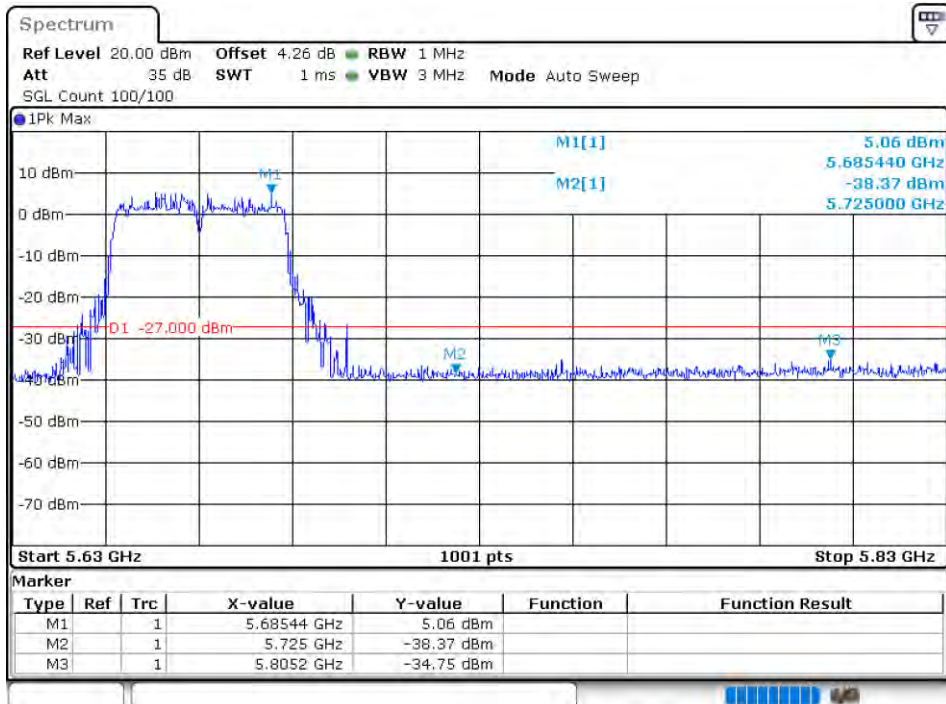
Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1



Band Edge NVNT n40 5670MHz High Ant1

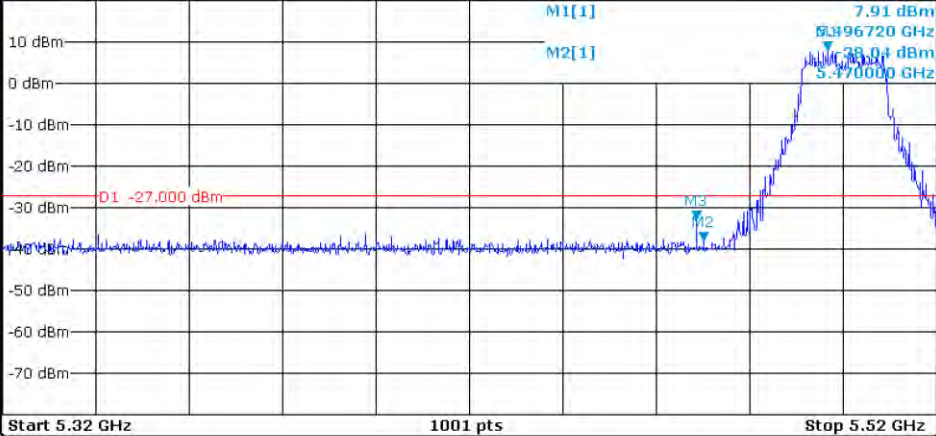


Band Edge NVNT ac20 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

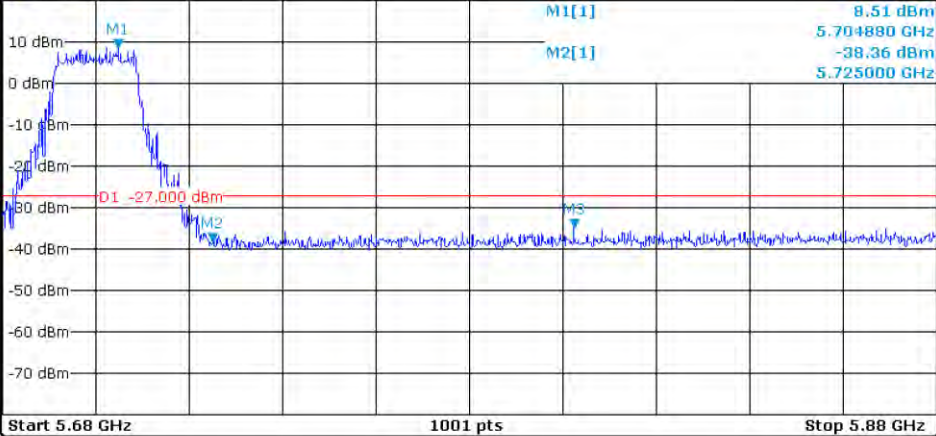
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.49672 GHz	7.91 dBm		
M2	1		5.47 GHz	-38.04 dBm		
M3	1		5.4686 GHz	-32.85 dBm		

Band Edge NVNT ac20 5700MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.27 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

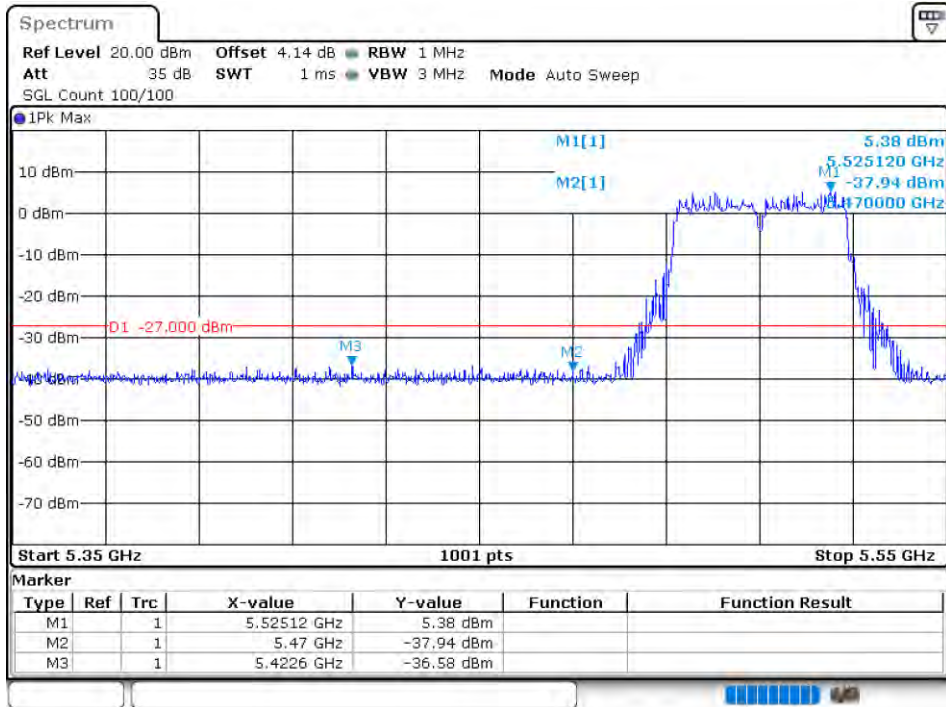
1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.70488 GHz	8.51 dBm		
M2	1		5.725 GHz	-38.36 dBm		
M3	1		5.8024 GHz	-34.80 dBm		

Band Edge NVNT ac40 5510MHz Low Ant1



Band Edge NVNT ac40 5670MHz High Ant1



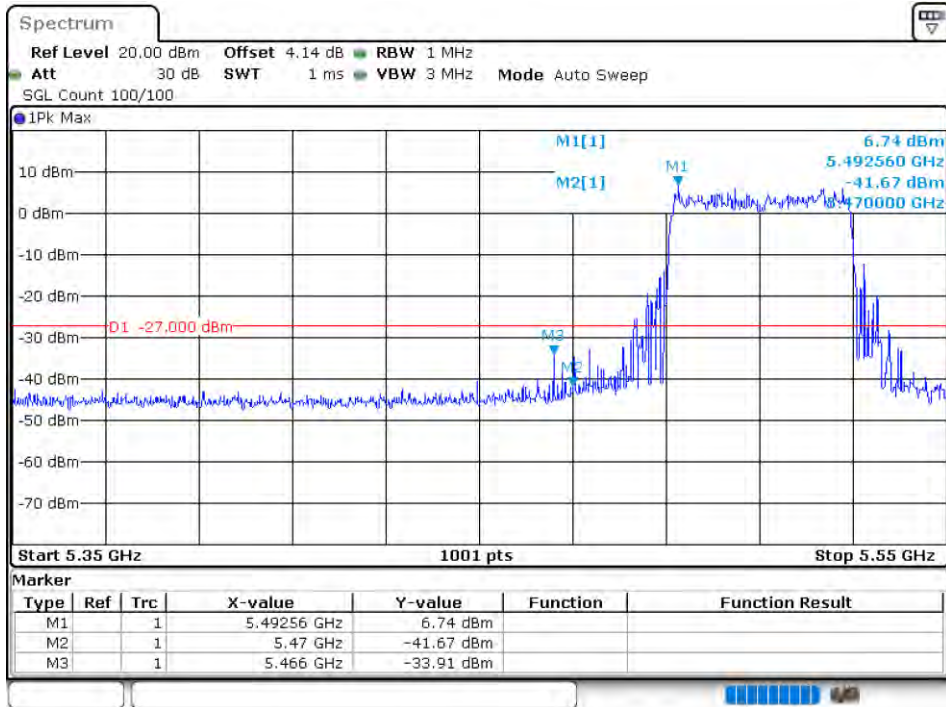
Band Edge NVNT ax20 5500MHz Low Ant1



Band Edge NVNT ax20 5700MHz High Ant1



Band Edge NVNT ax40 5510MHz Low Ant1



Band Edge NVNT ax40 5670MHz High Ant1

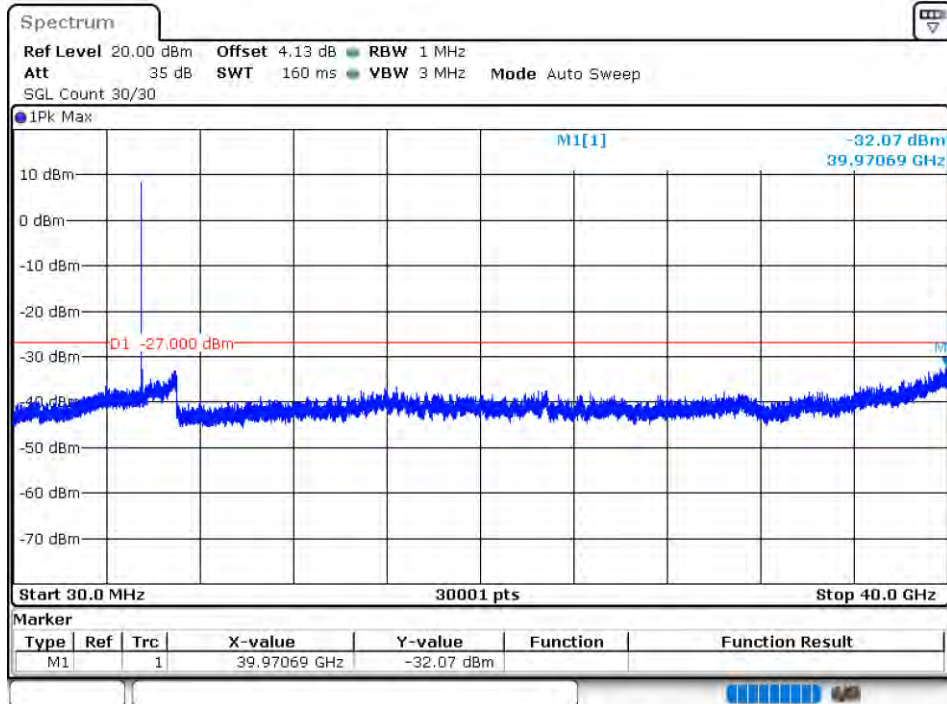


Conducted RF Spurious Emission

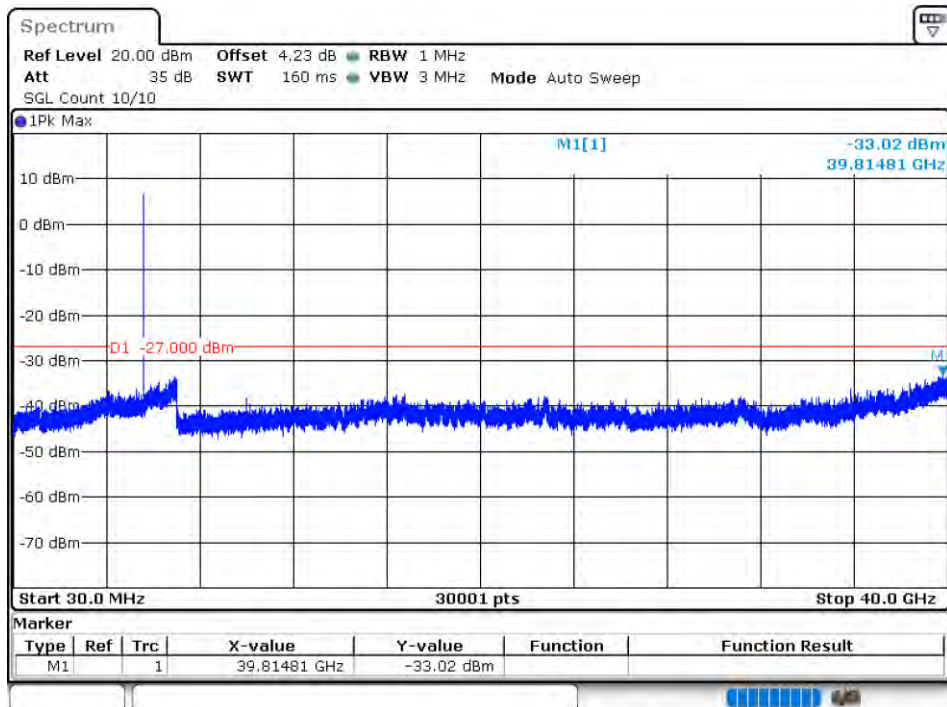
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-32.06	-27	Pass
NVNT	a	5600	Ant1	-33.01	-27	Pass
NVNT	a	5700	Ant1	-33.37	-27	Pass
NVNT	n20	5500	Ant1	-32.82	-27	Pass
NVNT	n20	5600	Ant1	-32.99	-27	Pass
NVNT	n20	5700	Ant1	-32.48	-27	Pass
NVNT	n40	5510	Ant1	-33.05	-27	Pass
NVNT	n40	5590	Ant1	-33.2	-27	Pass
NVNT	n40	5670	Ant1	-32.91	-27	Pass
NVNT	ac20	5500	Ant1	-33.1	-27	Pass
NVNT	ac20	5600	Ant1	-32.86	-27	Pass
NVNT	ac20	5700	Ant1	-33.07	-27	Pass
NVNT	ac40	5510	Ant1	-32.66	-27	Pass
NVNT	ac40	5590	Ant1	-32.57	-27	Pass
NVNT	ac40	5670	Ant1	-33.11	-27	Pass
NVNT	ax20	5500	Ant1	-34.32	-27	Pass
NVNT	ax20	5600	Ant1	-34.54	-27	Pass
NVNT	ax20	5700	Ant1	-33.58	-27	Pass
NVNT	ax40	5510	Ant1	-33.94	-27	Pass
NVNT	ax40	5590	Ant1	-34.29	-27	Pass
NVNT	ax40	5670	Ant1	-34.06	-27	Pass

Test Graphs

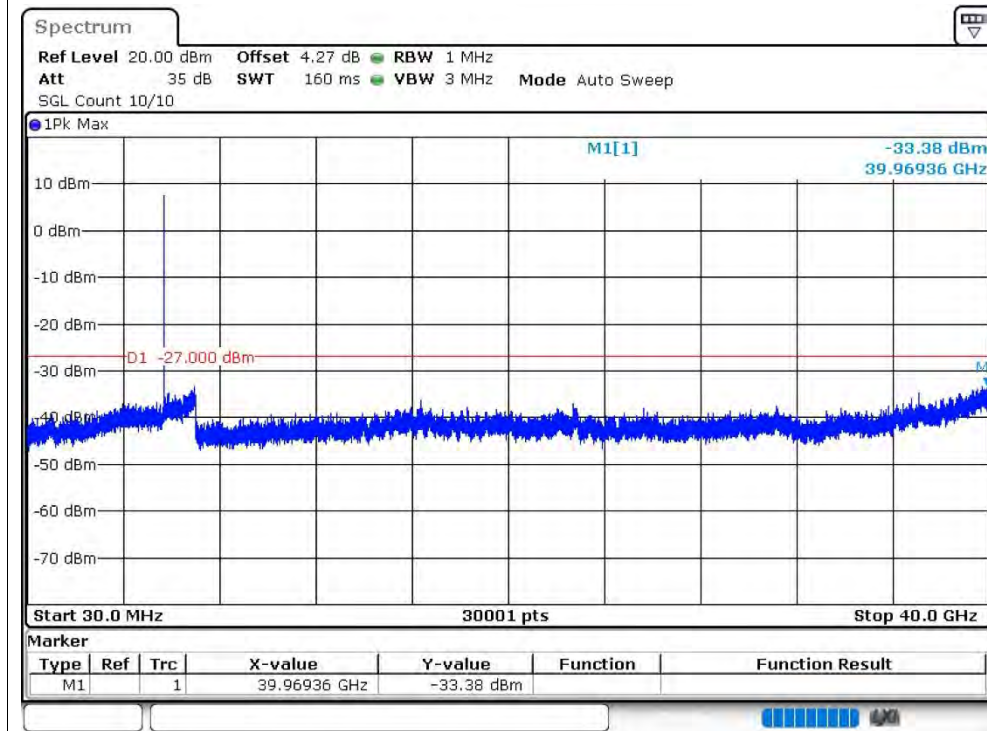
Tx. Spurious NVNT a 5500MHz Ant1 Emission



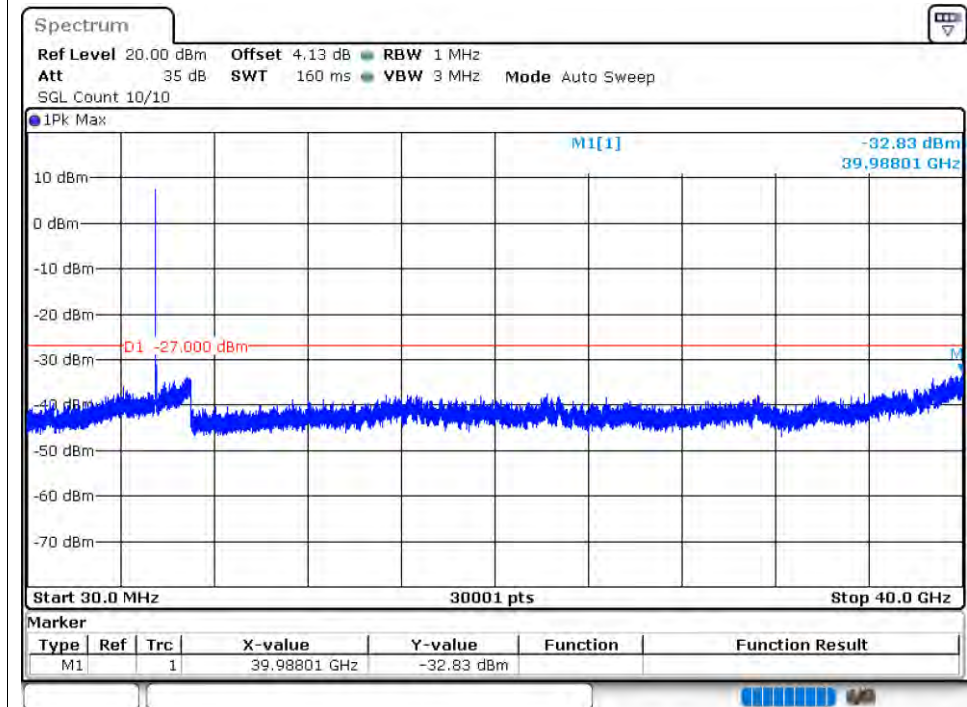
Tx. Spurious NVNT a 5600MHz Ant1 Emission



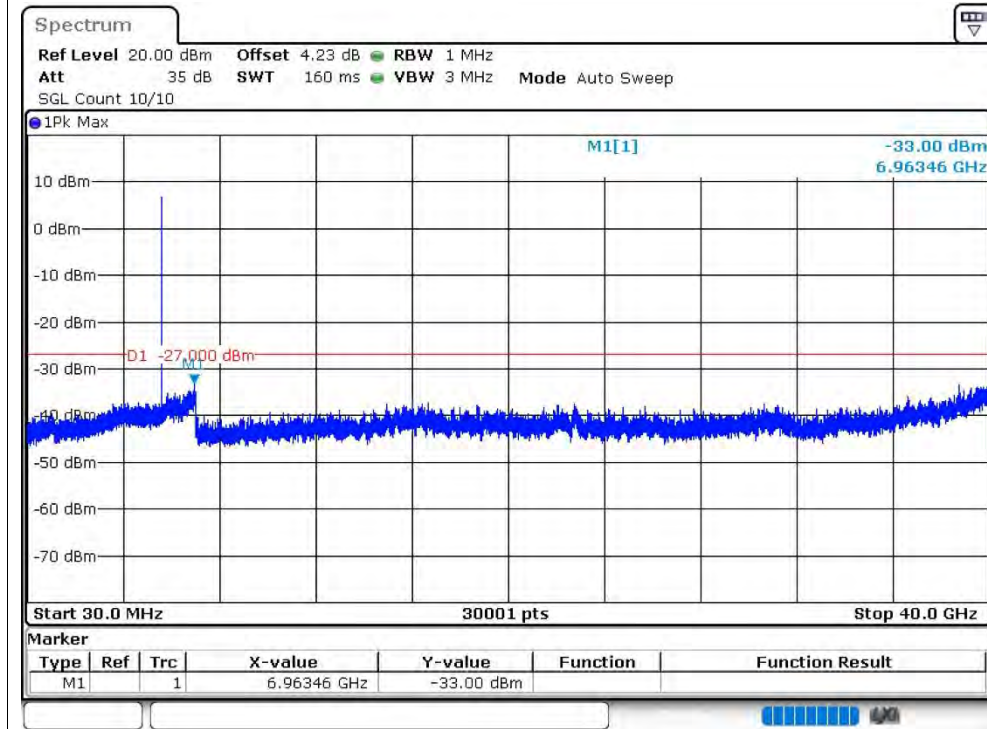
Tx. Spurious NVNT a 5700MHz Ant1 Emission



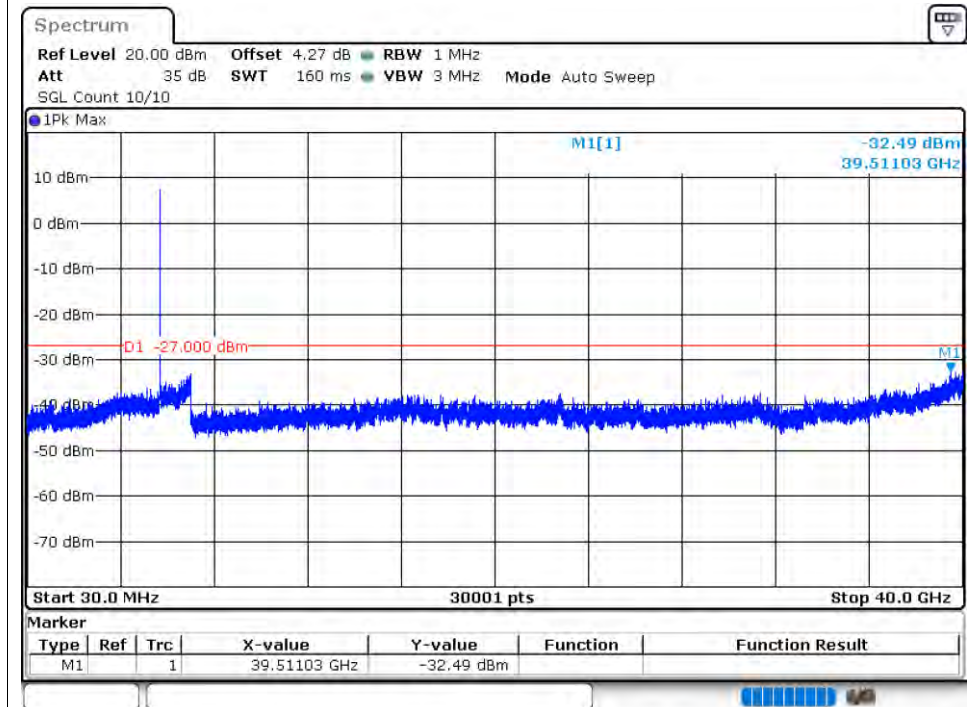
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



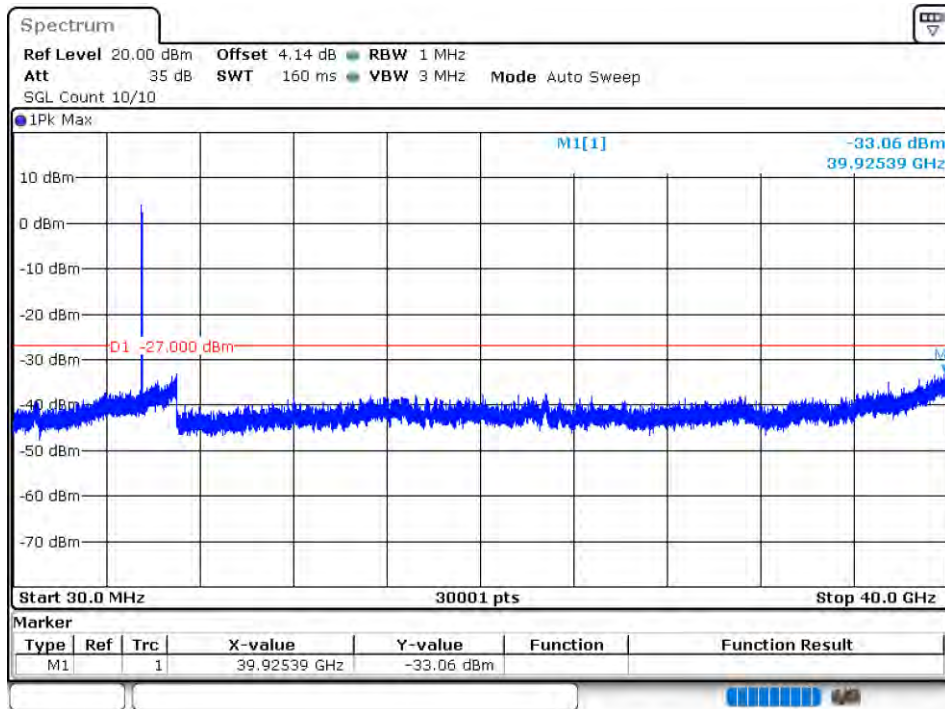
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



Tx. Spurious NVNT n20 5700MHz Ant1 Emission



Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5590MHz Ant1 Emission

Spectrum

Ref Level 20.00 dBm Of

Att 35 dB SV

SGL Count 10/10

● 1Pk Max

10 dBm

0 dBm

-10 dBm

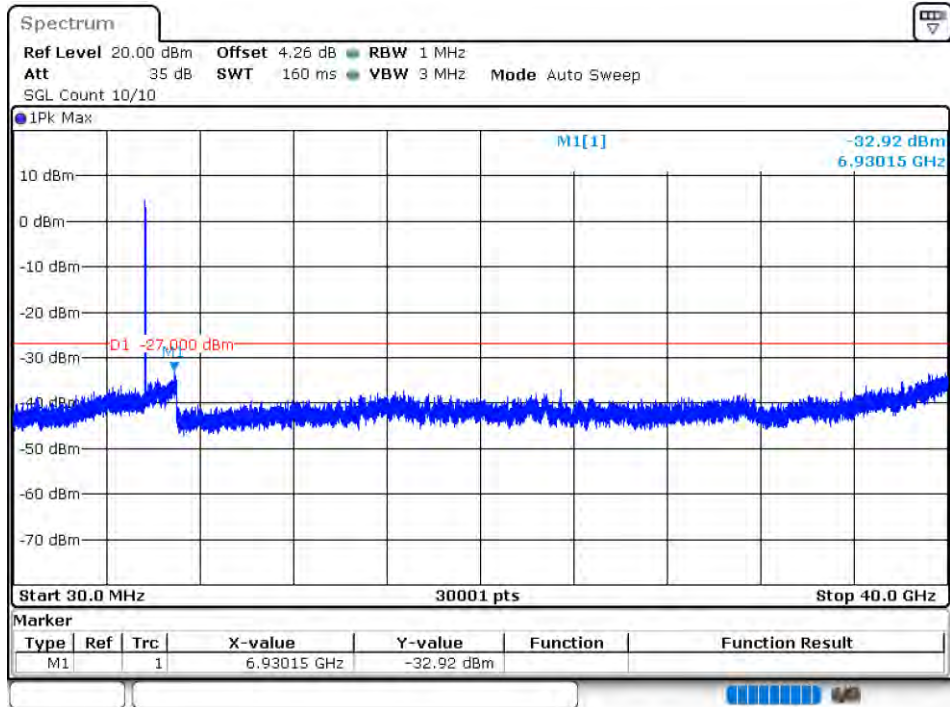
-20 dBm

D1 -27.000 dBm

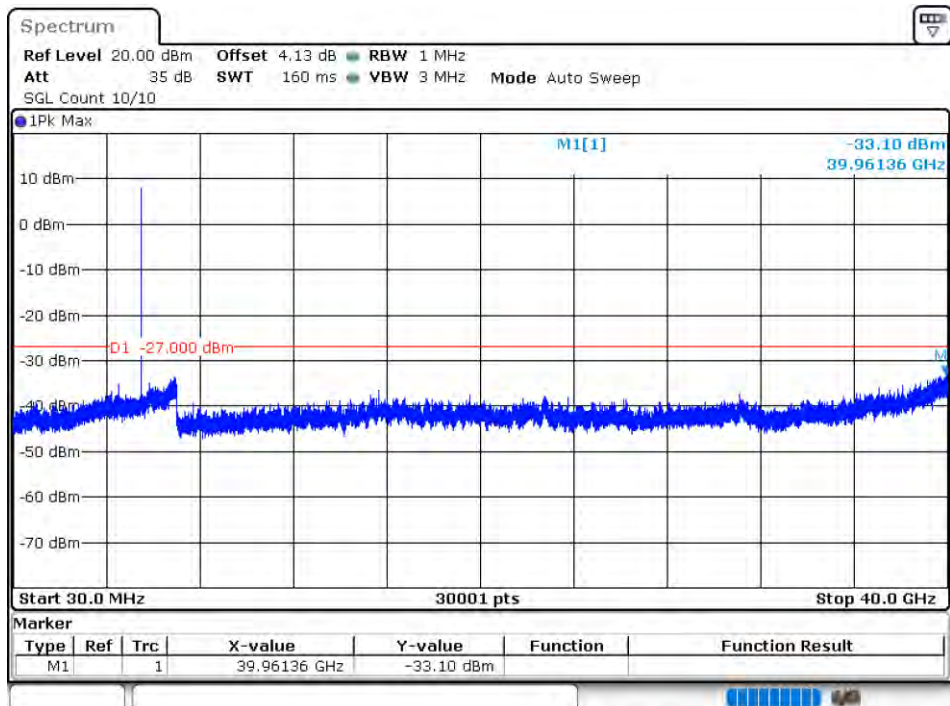
-30 dBm

M1

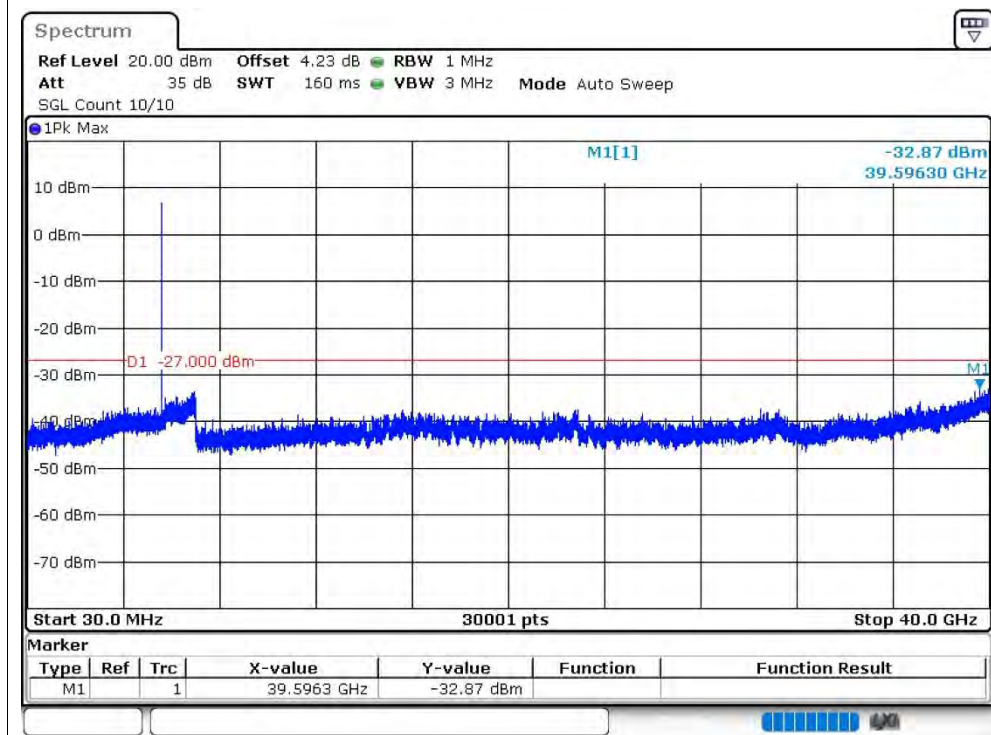
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



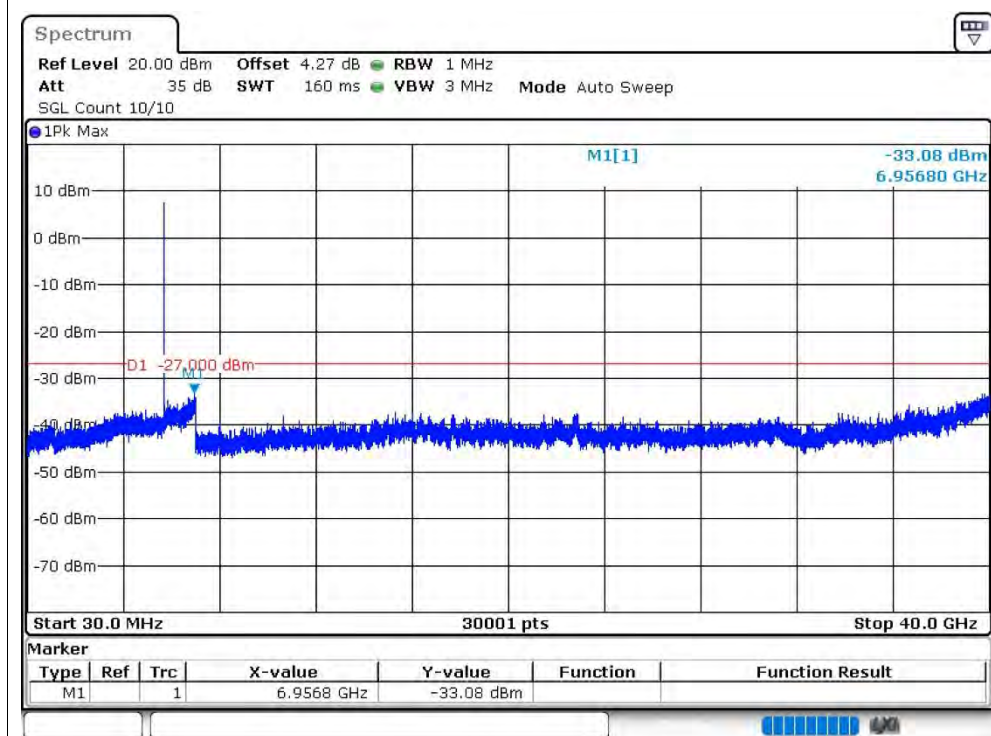
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



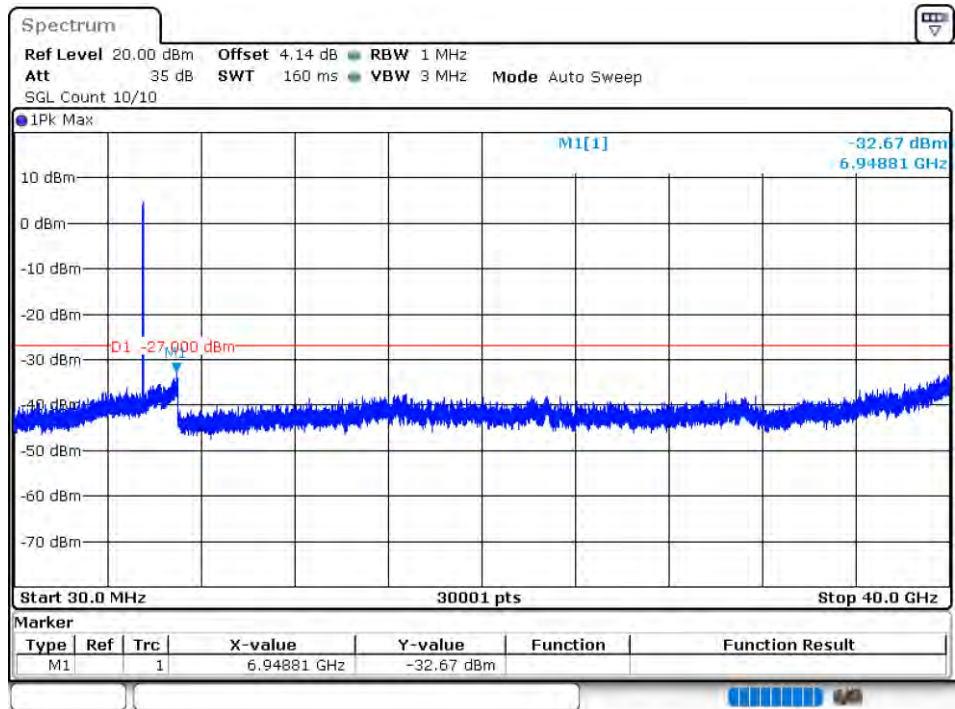
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



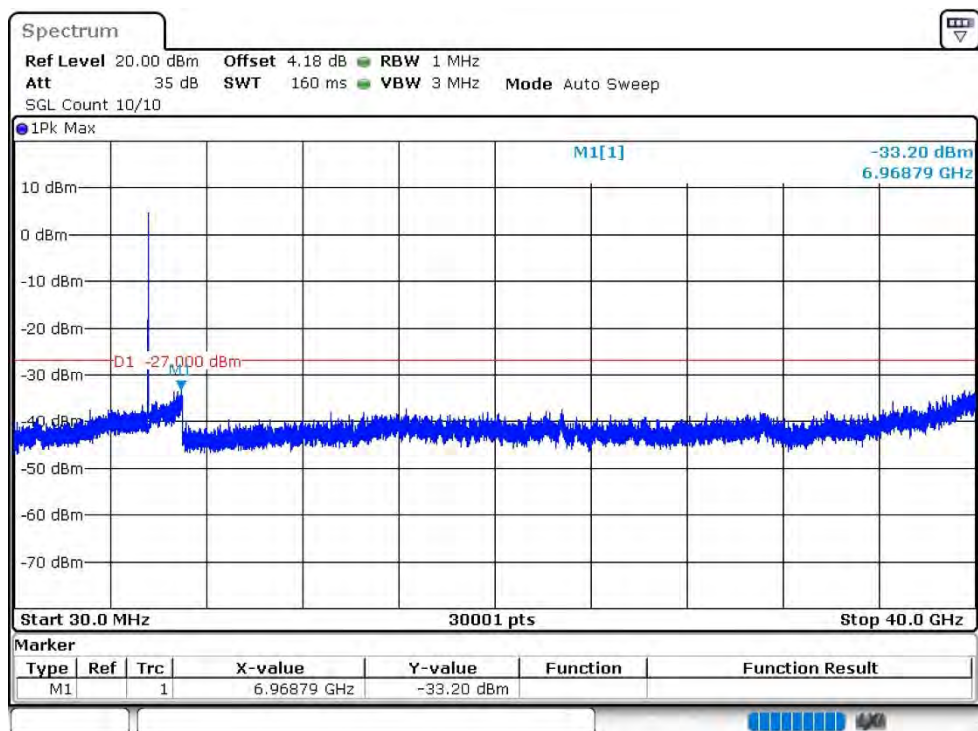
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



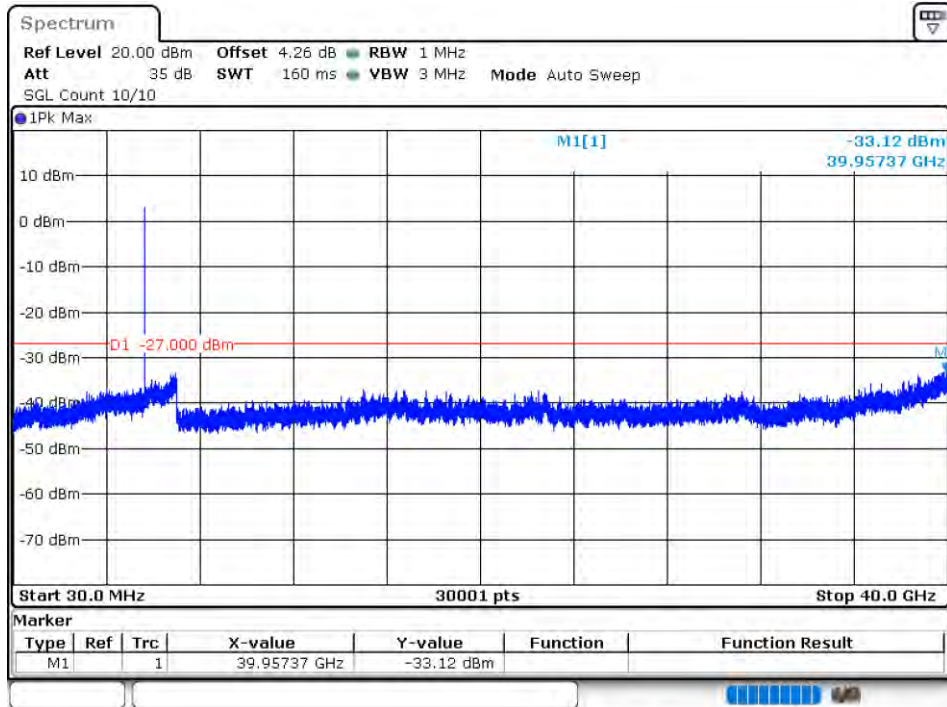
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



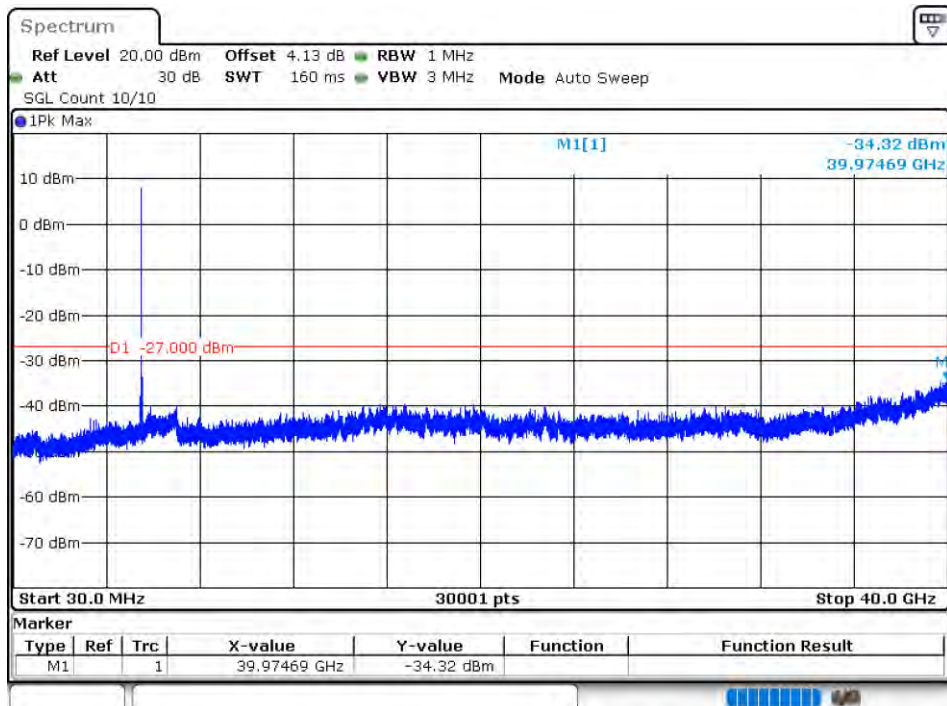
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



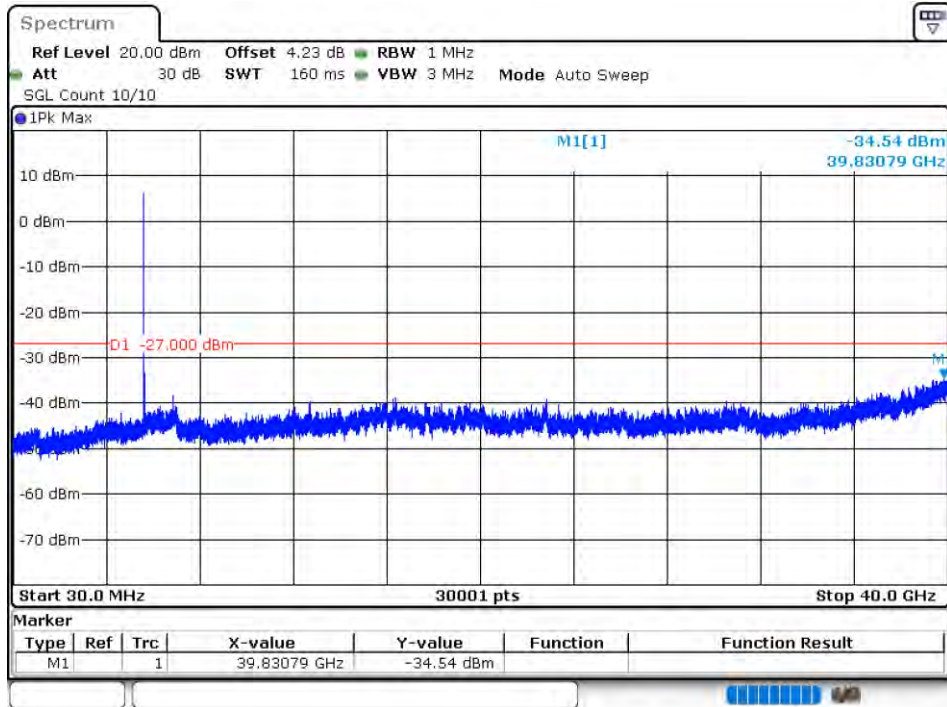
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



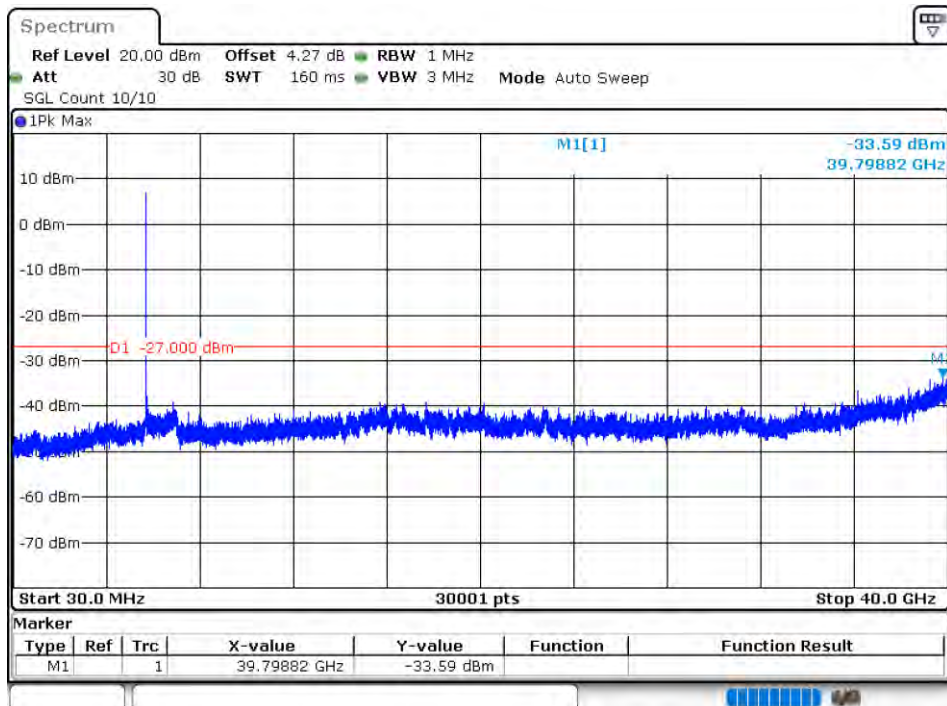
Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



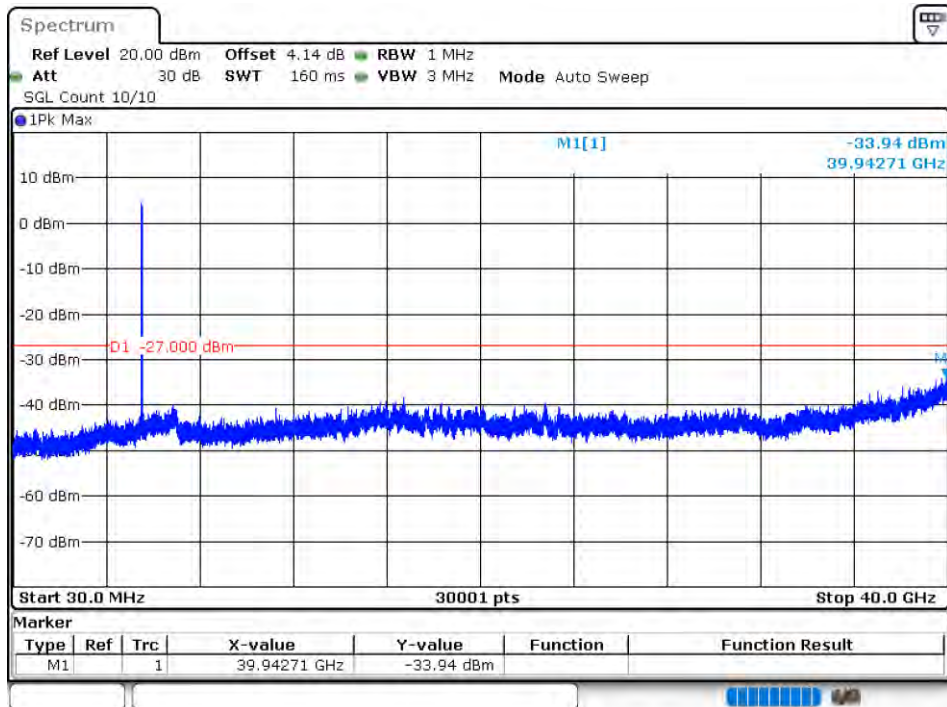
Tx. Spurious NVNT ax20 5600MHz Ant1 Emission



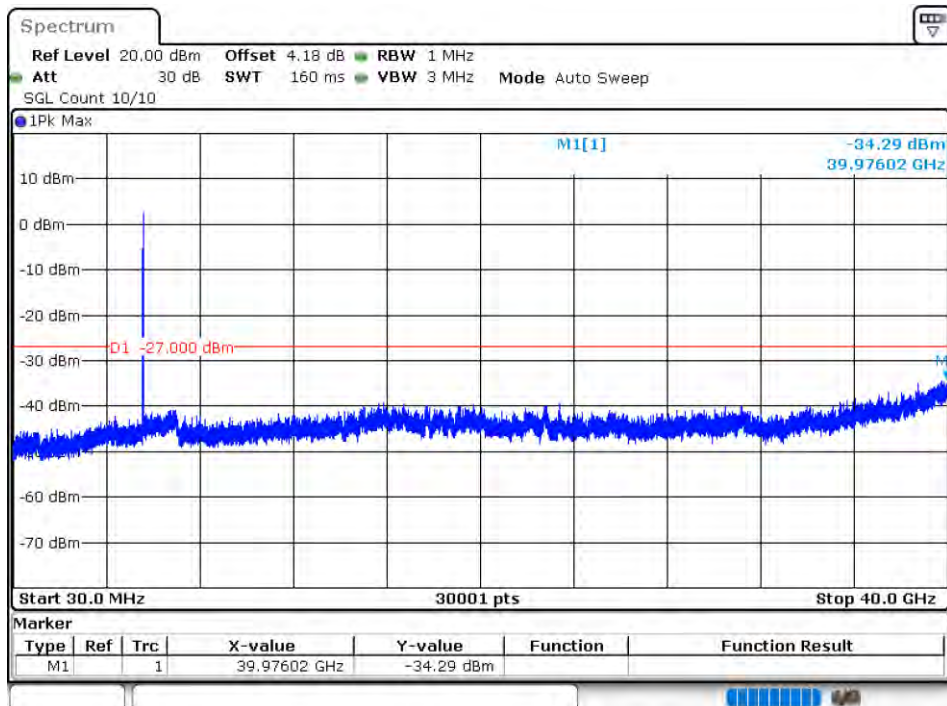
Tx. Spurious NVNT ax20 5700MHz Ant1 Emission

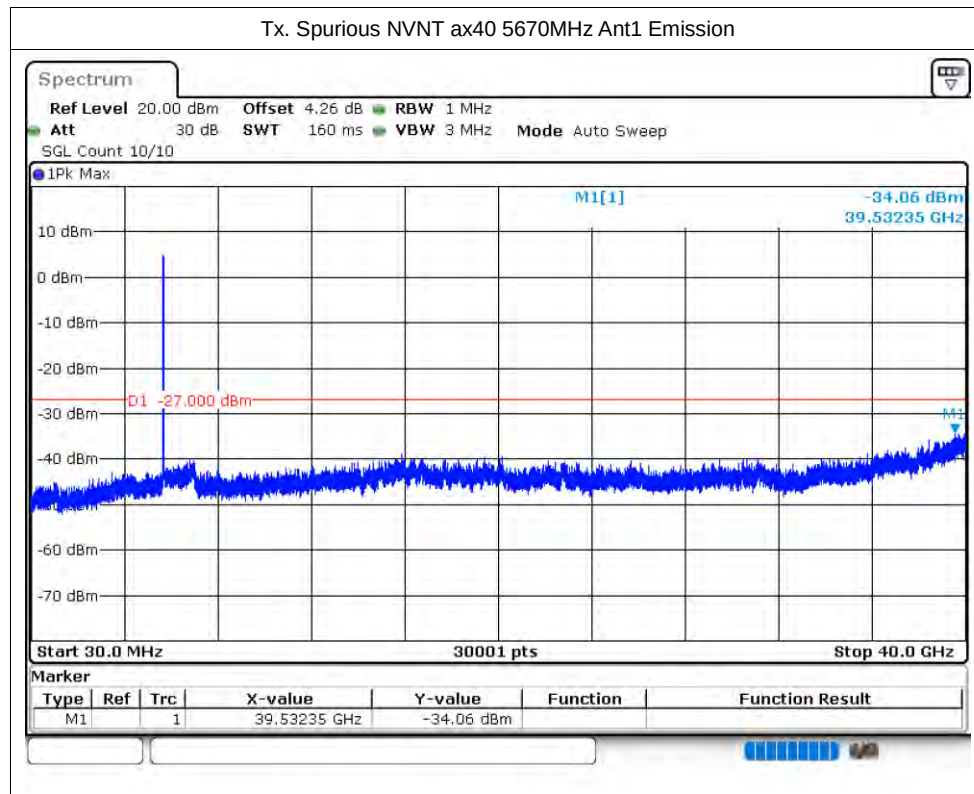


Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5590MHz Ant1 Emission





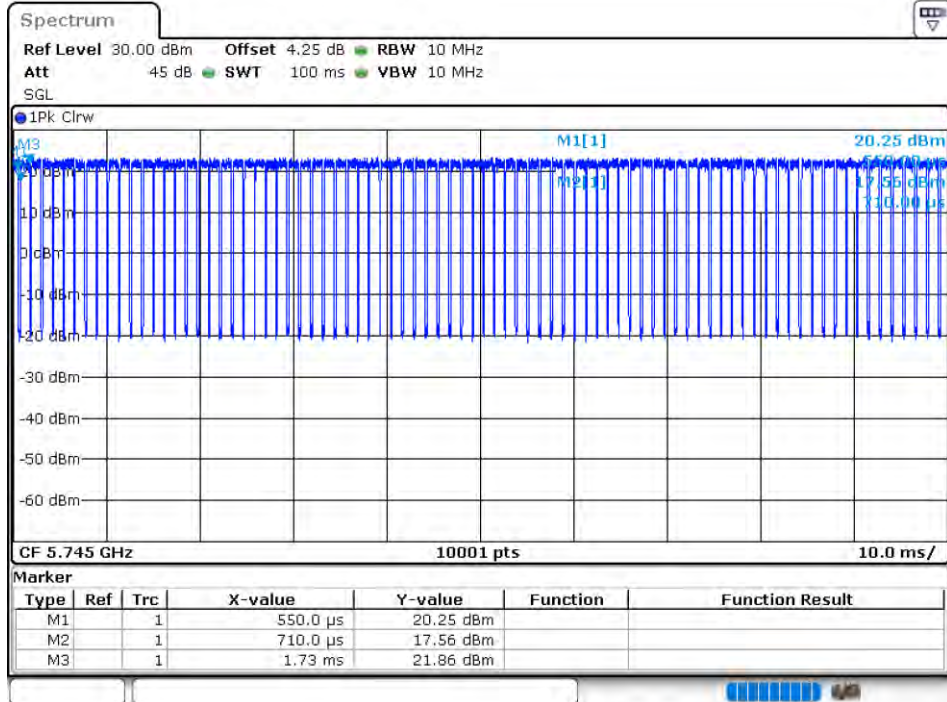
5.8G WIFI

Duty Cycle

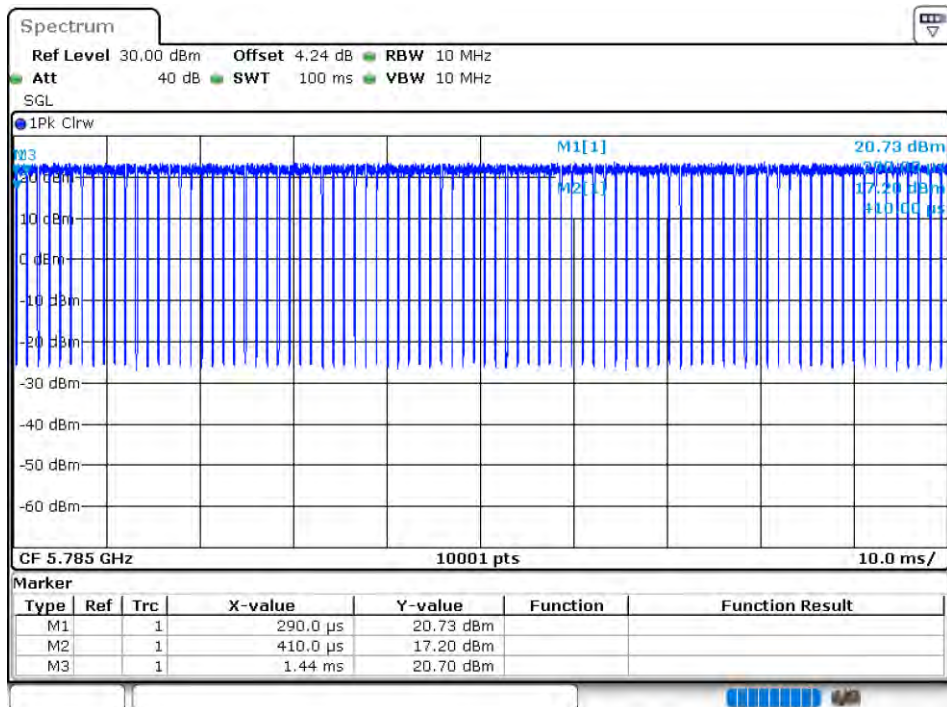
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	85.41	0.68	0.98
NVNT	a	5785	Ant1	89.19	0.5	0.97
NVNT	a	5825	Ant1	97	0.13	8.33
NVNT	n20	5745	Ant1	93.63	0.29	0.53
NVNT	n20	5785	Ant1	93.74	0.28	0.53
NVNT	n20	5825	Ant1	93.72	0.28	0.53
NVNT	n40	5755	Ant1	85.18	0.7	1.08
NVNT	n40	5795	Ant1	95.29	0.21	0.53
NVNT	ac20	5745	Ant1	93.76	0.28	0.53
NVNT	ac20	5785	Ant1	94.16	0.26	0.53
NVNT	ac20	5825	Ant1	93.9	0.27	0.53
NVNT	ac40	5755	Ant1	85.67	0.67	1.06
NVNT	ac40	5795	Ant1	85.36	0.69	1.08
NVNT	ax20	5745	Ant1	90.06	0.45	0.68
NVNT	ax20	5785	Ant1	92.17	0.35	0.68
NVNT	ax20	5825	Ant1	92.04	0.36	0.68
NVNT	ax40	5755	Ant1	85.4	0.69	1.32
NVNT	ax40	5795	Ant1	82.45	0.84	1.32

Test Graphs

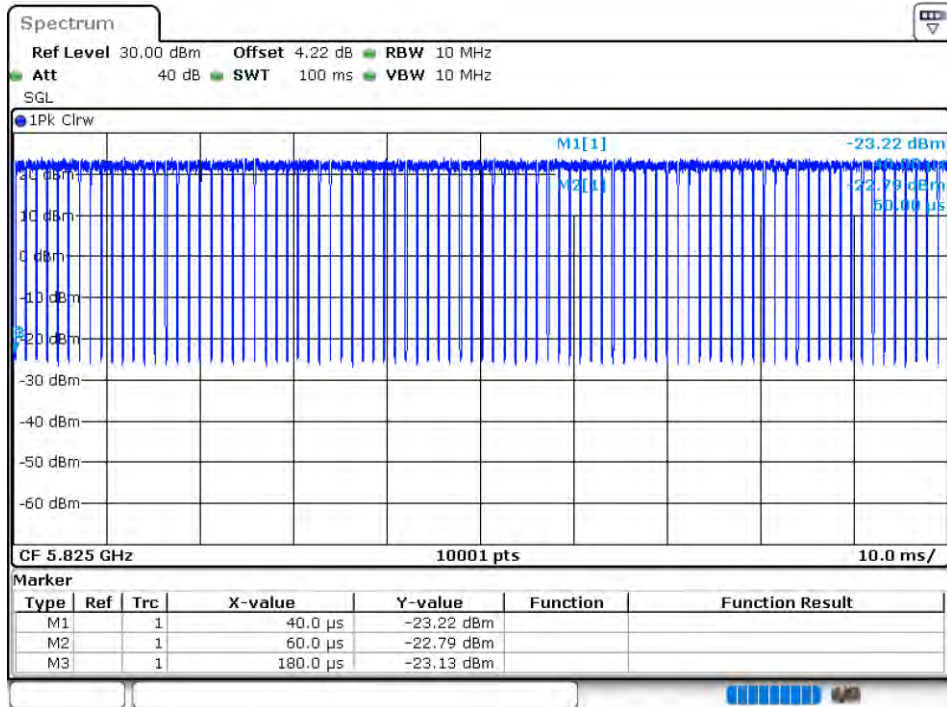
Duty Cycle NVNT a 5745MHz Ant1



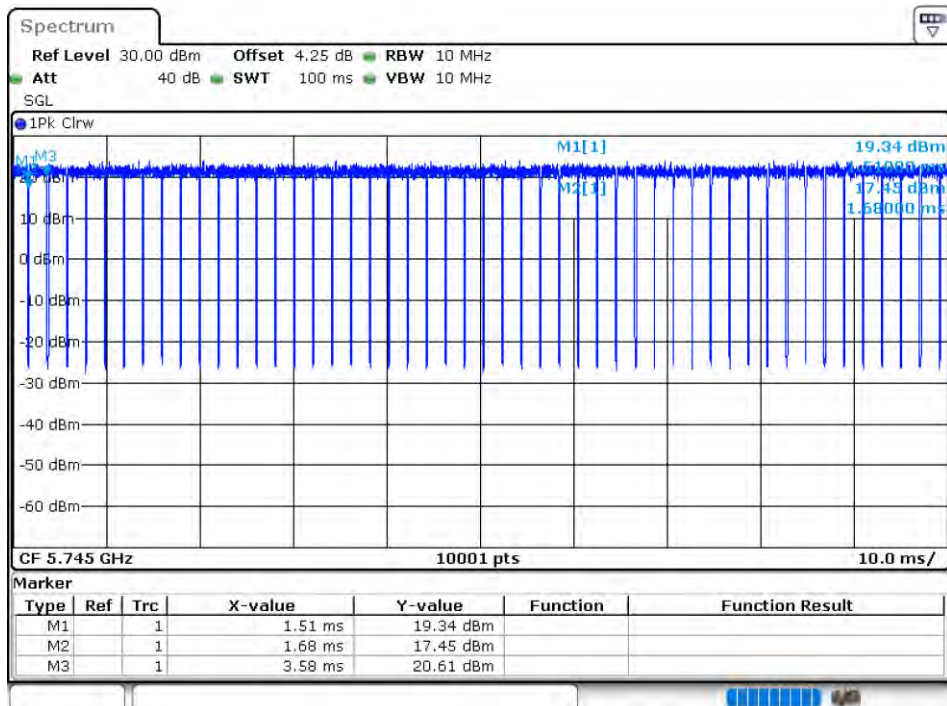
Duty Cycle NVNT a 5785MHz Ant1



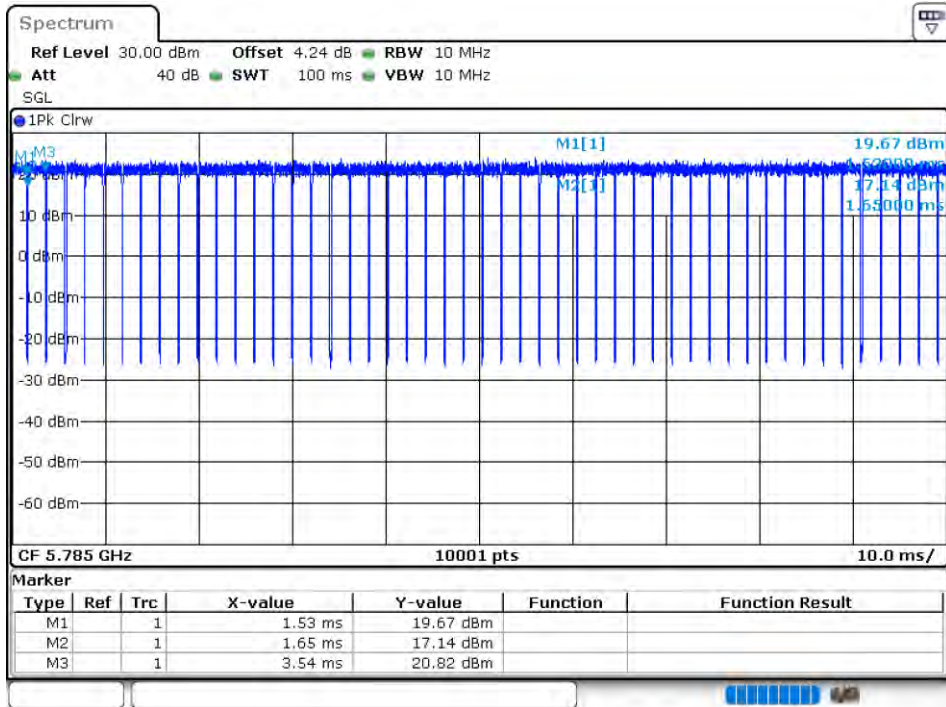
Duty Cycle NVNT a 5825MHz Ant1



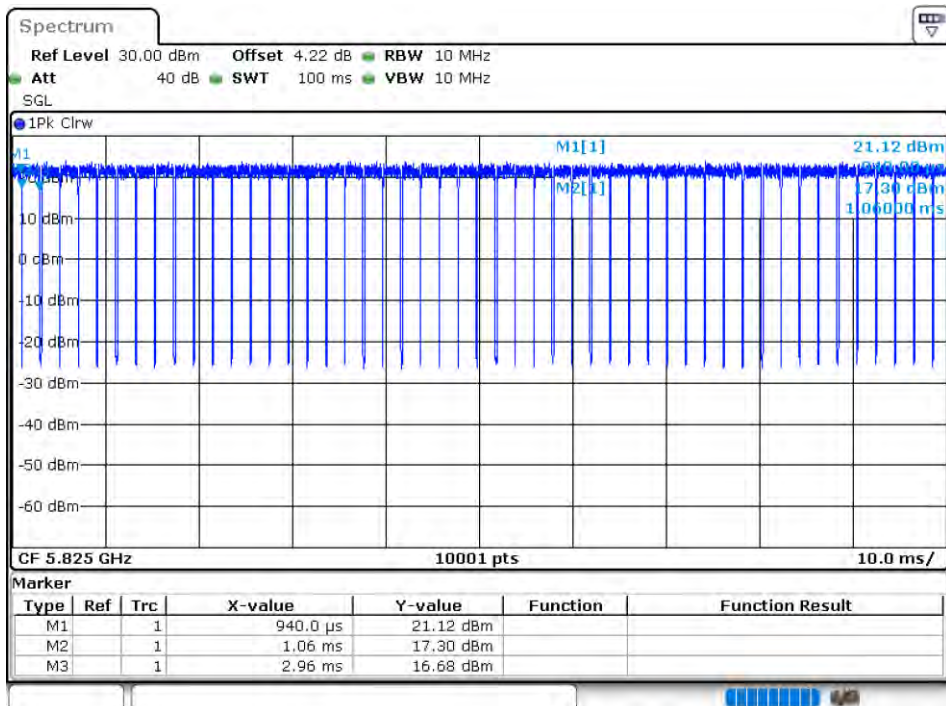
Duty Cycle NVNT n20 5745MHz Ant1



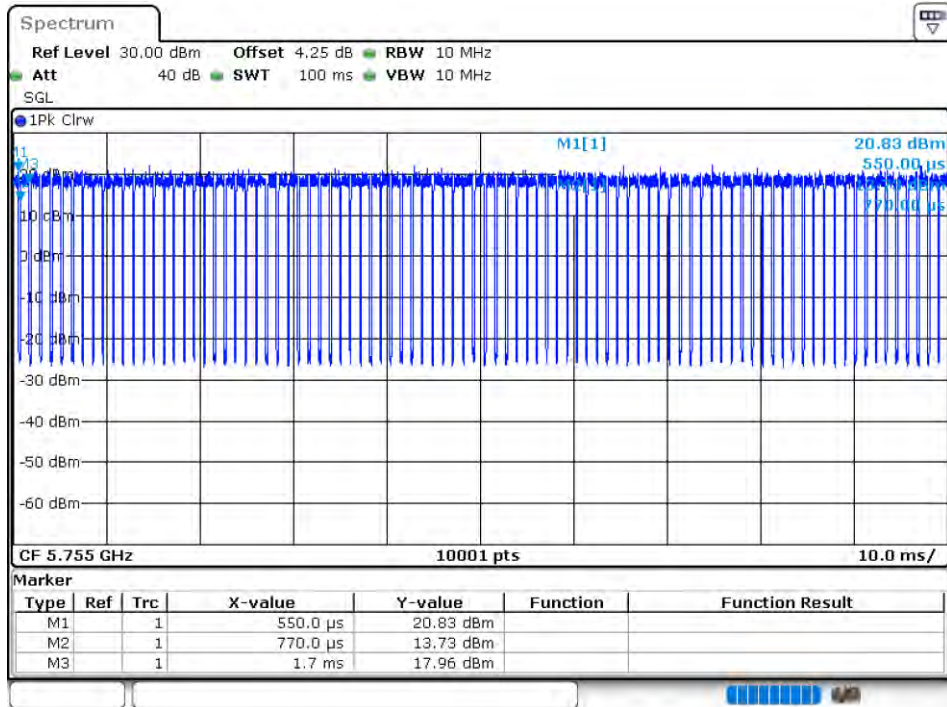
Duty Cycle NVNT n20 5785MHz Ant1



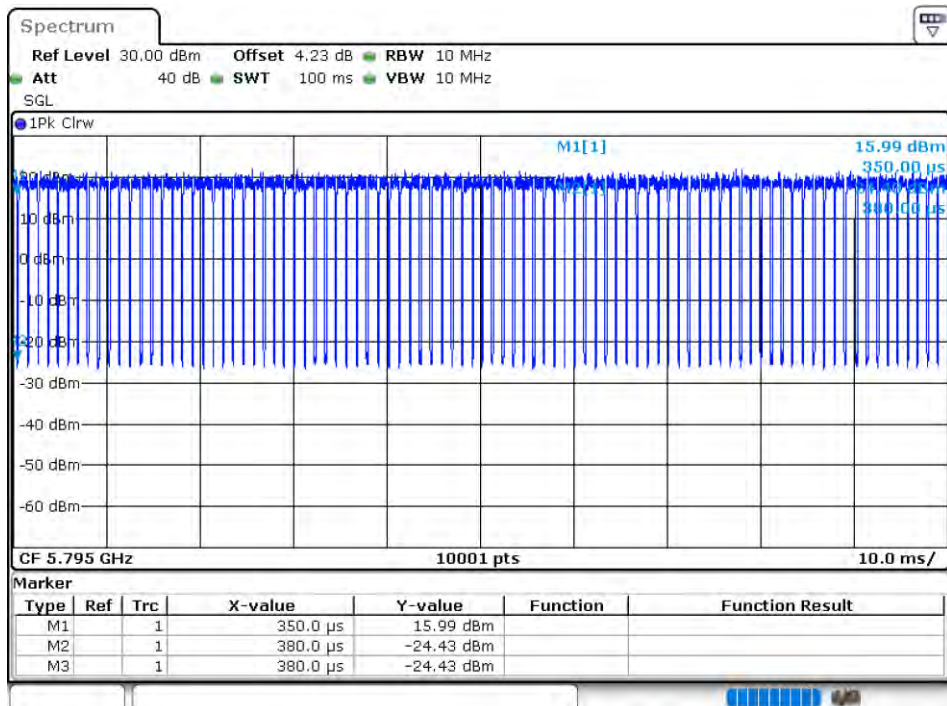
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



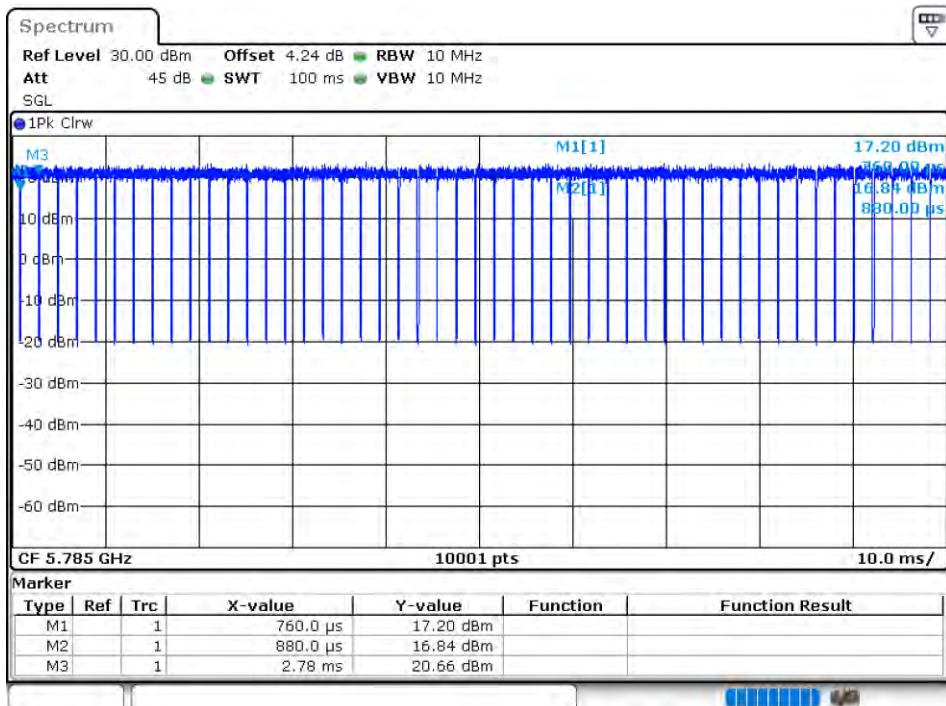
Duty Cycle NVNT n40 5795MHz Ant1

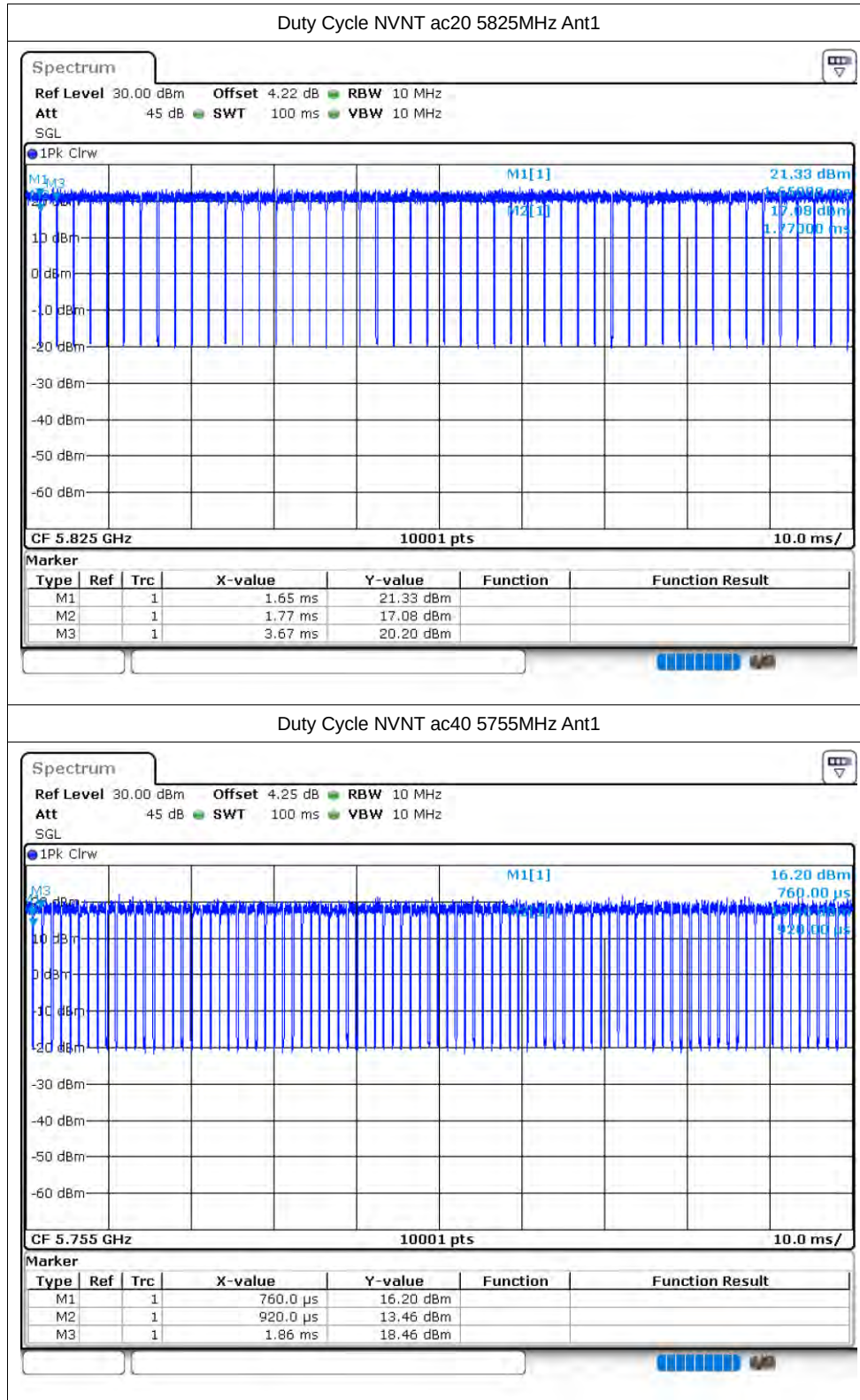


Duty Cycle NVNT ac20 5745MHz Ant1

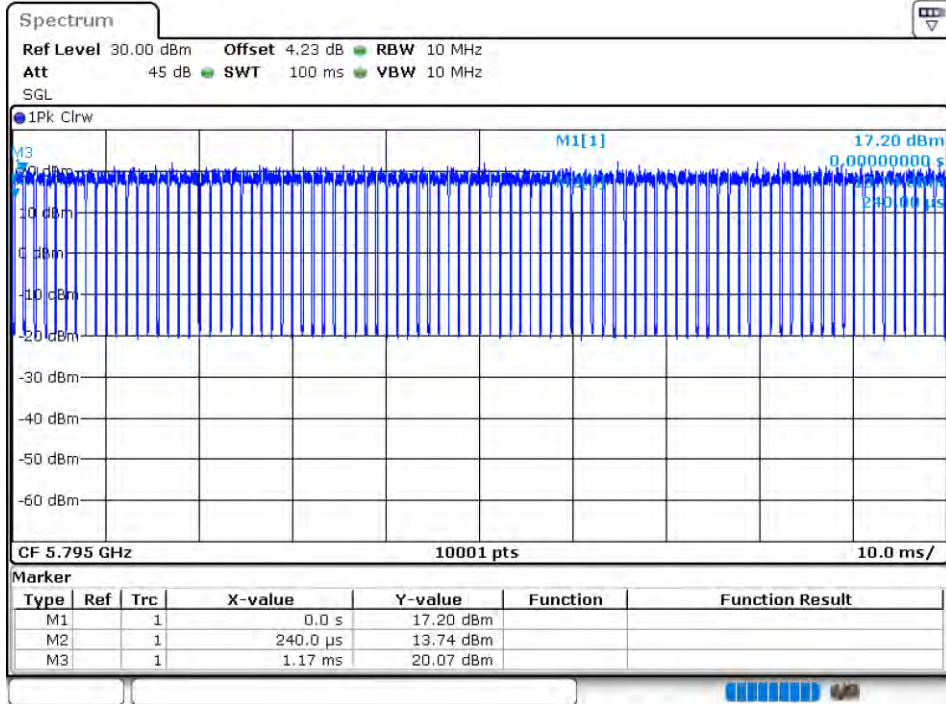


Duty Cycle NVNT ac20 5785MHz Ant1

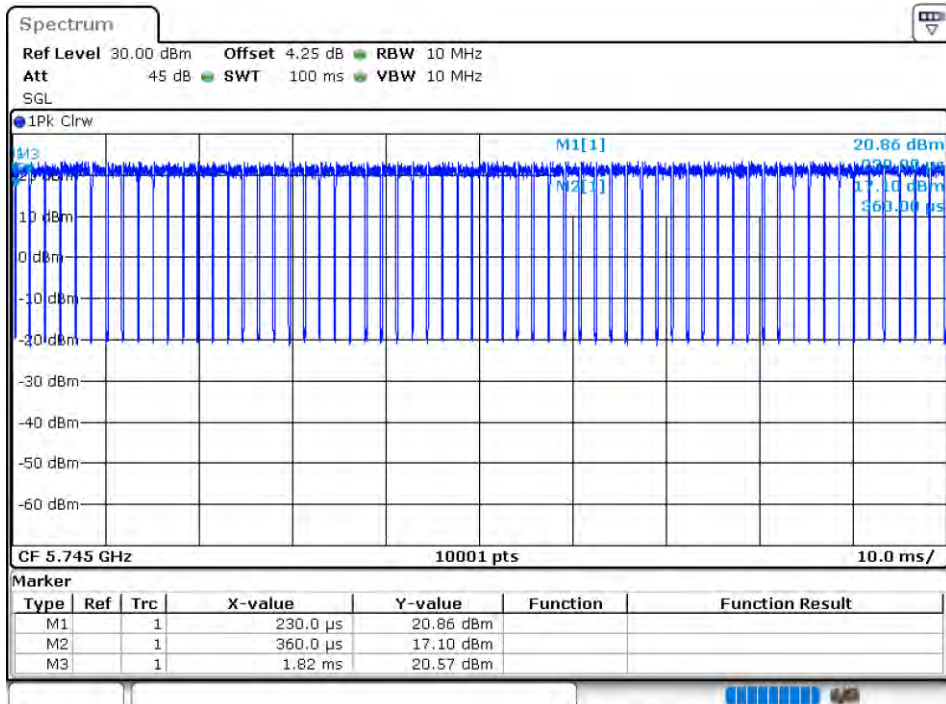


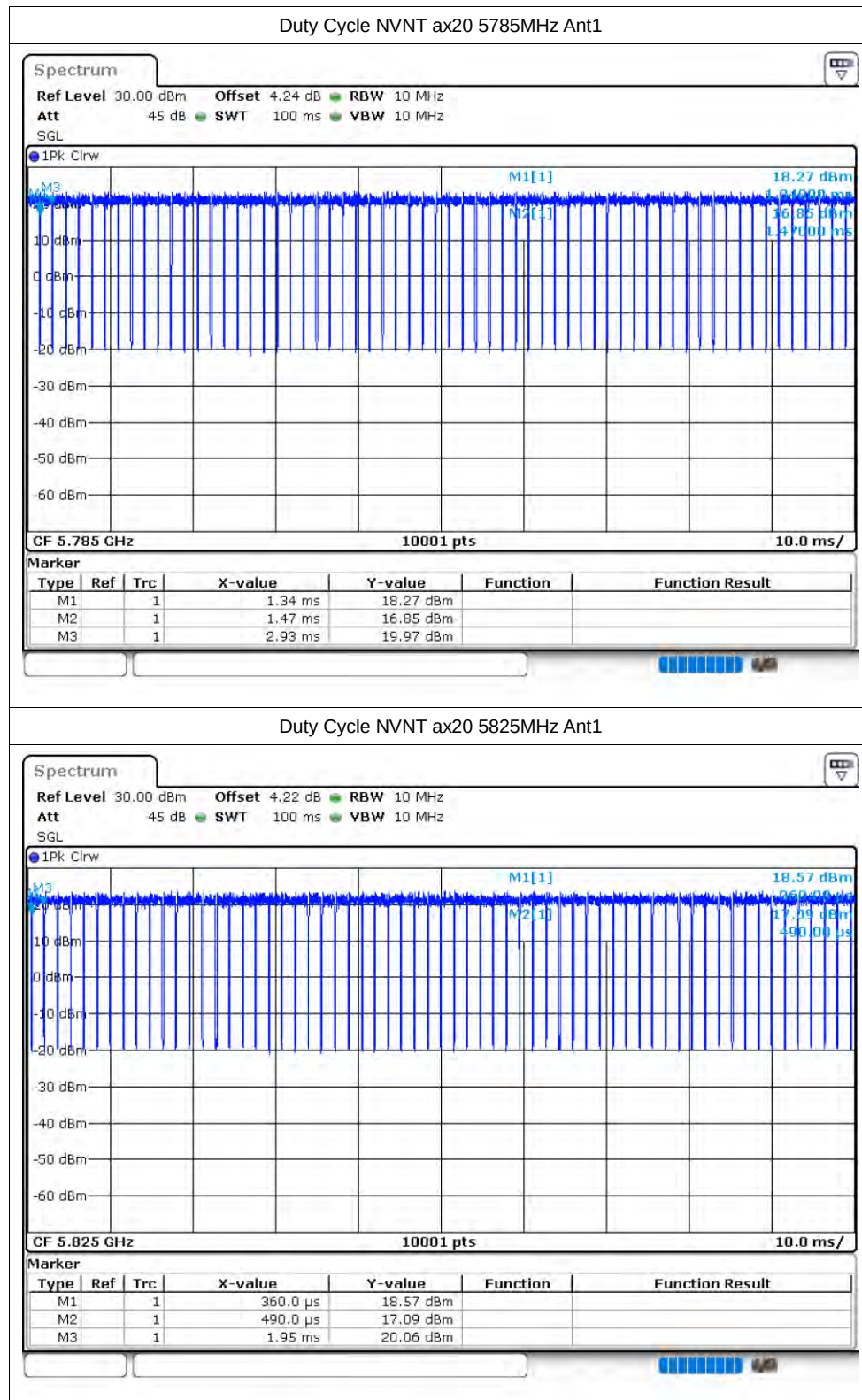


Duty Cycle NVNT ac40 5795MHz Ant1

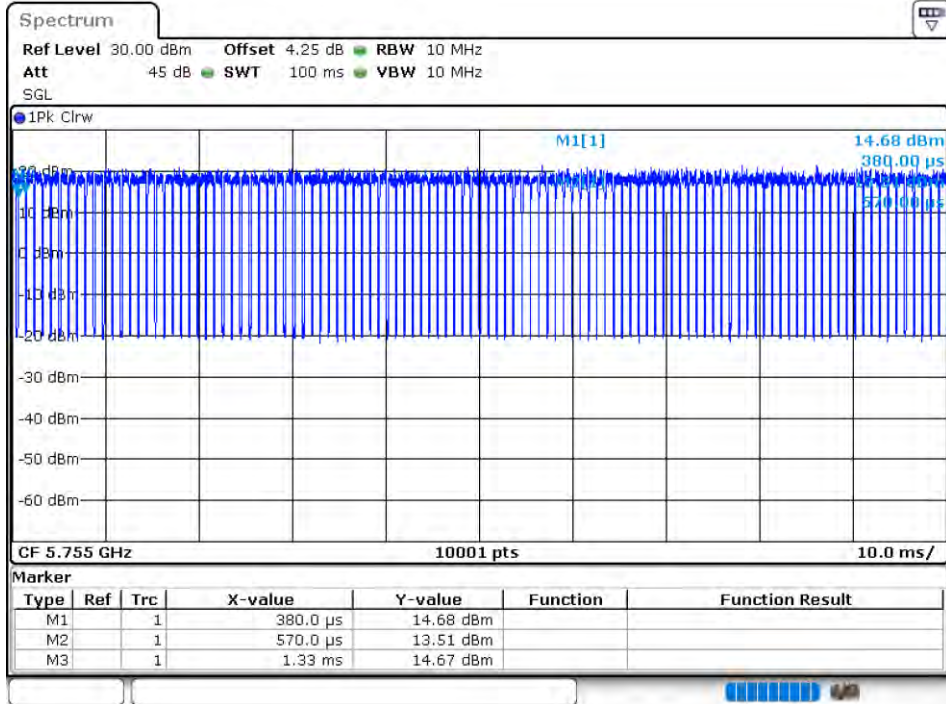


Duty Cycle NVNT ax20 5745MHz Ant1

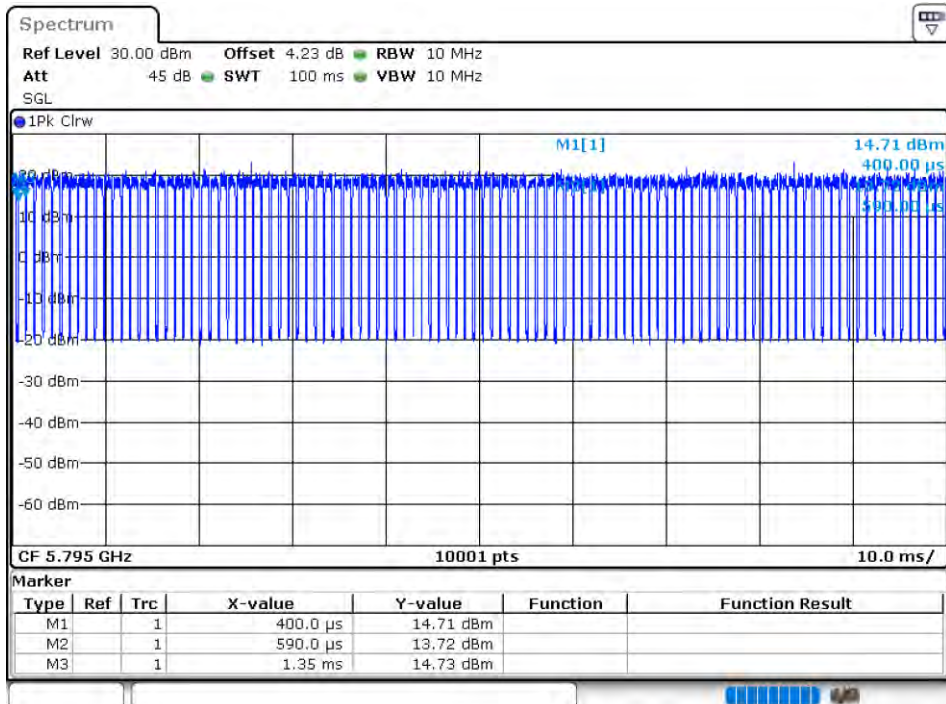




Duty Cycle NVNT ax40 5755MHz Ant1



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	13.53	30	Pass
NVNT	a	5785	Ant1	13.67	30	Pass
NVNT	a	5825	Ant1	13.29	30	Pass
NVNT	n20	5745	Ant1	13.33	30	Pass
NVNT	n20	5785	Ant1	13.92	30	Pass
NVNT	n20	5825	Ant1	13.19	30	Pass
NVNT	n40	5755	Ant1	13.59	30	Pass
NVNT	n40	5795	Ant1	13.72	30	Pass
NVNT	ac20	5745	Ant1	13.37	30	Pass
NVNT	ac20	5785	Ant1	13.75	30	Pass
NVNT	ac20	5825	Ant1	13.16	30	Pass
NVNT	ac40	5755	Ant1	13.65	30	Pass
NVNT	ac40	5795	Ant1	13.75	30	Pass
NVNT	ax20	5745	Ant1	13.61	30	Pass
NVNT	ax20	5785	Ant1	13.89	30	Pass
NVNT	ax20	5825	Ant1	13.24	30	Pass
NVNT	ax40	5755	Ant1	13.52	30	Pass
NVNT	ax40	5795	Ant1	13.67	30	Pass

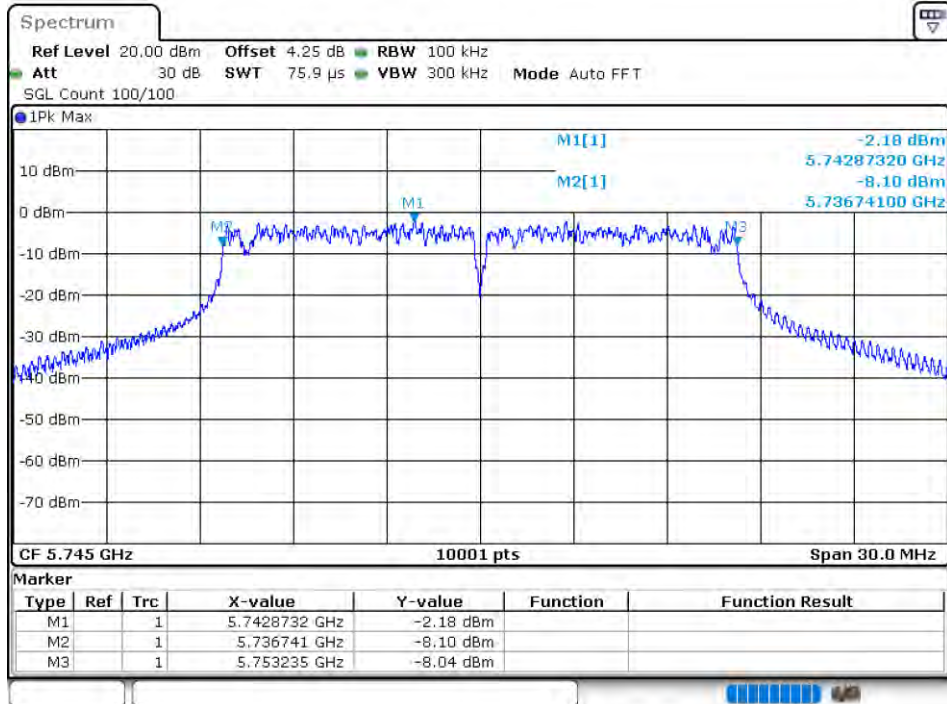
Note: The average power contains duty factor

-6dB Bandwidth

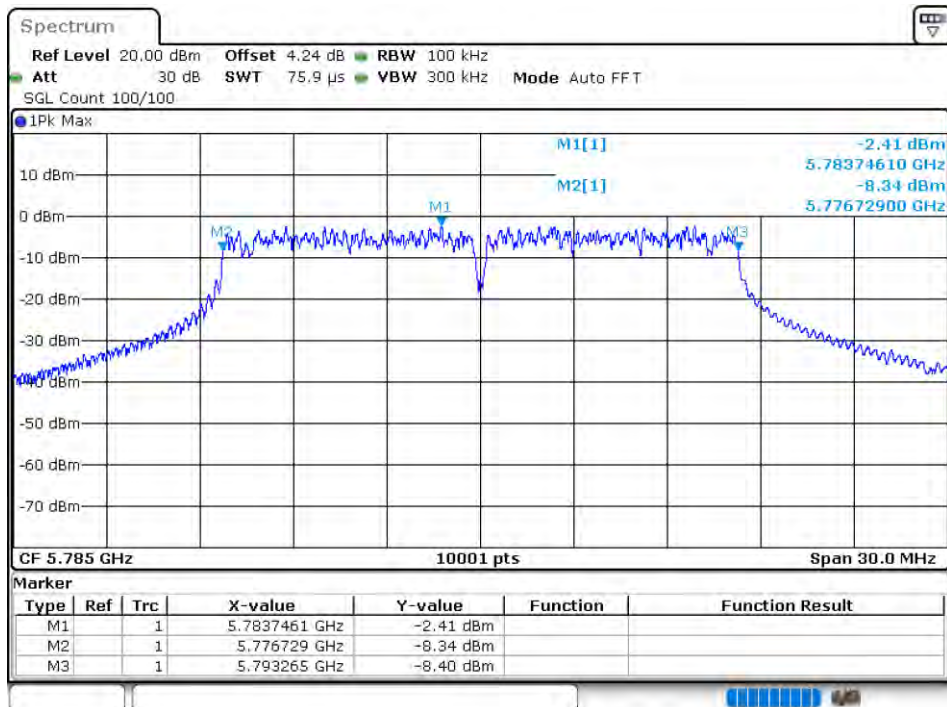
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.494	0.5	Pass
NVNT	a	5785	Ant1	16.536	0.5	Pass
NVNT	a	5825	Ant1	16.533	0.5	Pass
NVNT	n20	5745	Ant1	17.799	0.5	Pass
NVNT	n20	5785	Ant1	17.778	0.5	Pass
NVNT	n20	5825	Ant1	17.745	0.5	Pass
NVNT	n40	5755	Ant1	36.558	0.5	Pass
NVNT	n40	5795	Ant1	36.528	0.5	Pass
NVNT	ac20	5745	Ant1	17.541	0.5	Pass
NVNT	ac20	5785	Ant1	17.823	0.5	Pass
NVNT	ac20	5825	Ant1	17.754	0.5	Pass
NVNT	ac40	5755	Ant1	36.522	0.5	Pass
NVNT	ac40	5795	Ant1	36.474	0.5	Pass
NVNT	ax20	5745	Ant1	18.795	0.5	Pass
NVNT	ax20	5785	Ant1	19.026	0.5	Pass
NVNT	ax20	5825	Ant1	19.095	0.5	Pass
NVNT	ax40	5755	Ant1	34.602	0.5	Pass
NVNT	ax40	5795	Ant1	38.172	0.5	Pass

Test Graphs

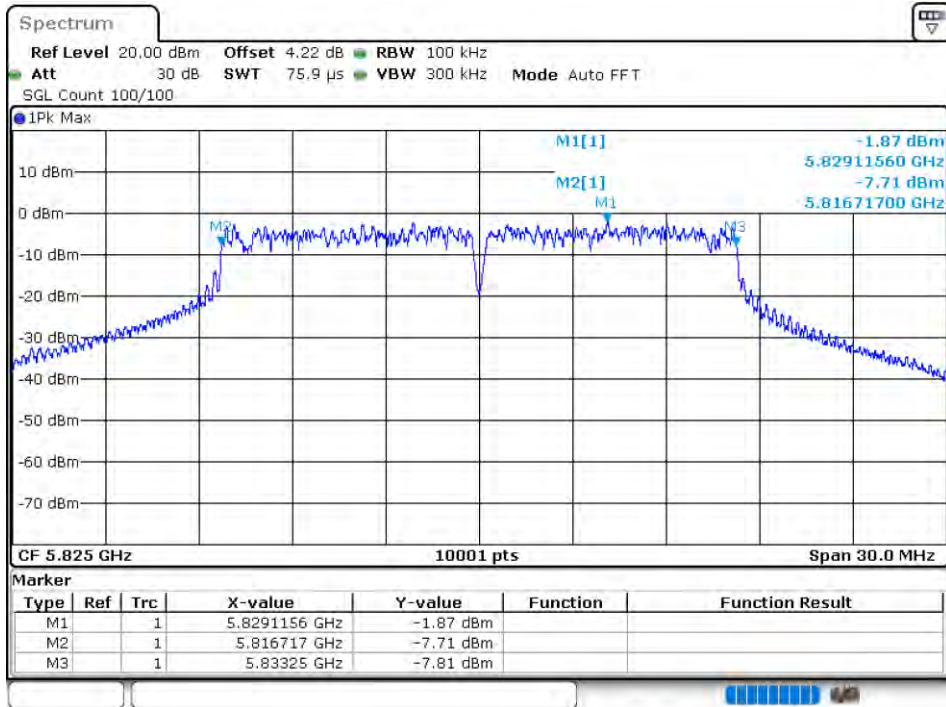
-6dB Bandwidth NVNT a 5745MHz Ant1



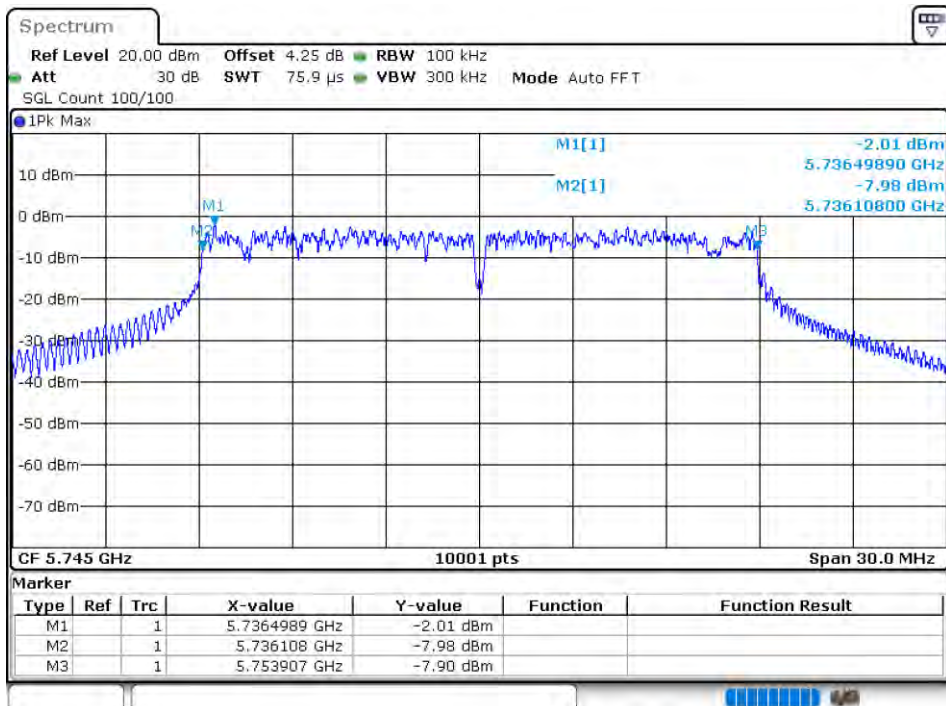
-6dB Bandwidth NVNT a 5785MHz Ant1



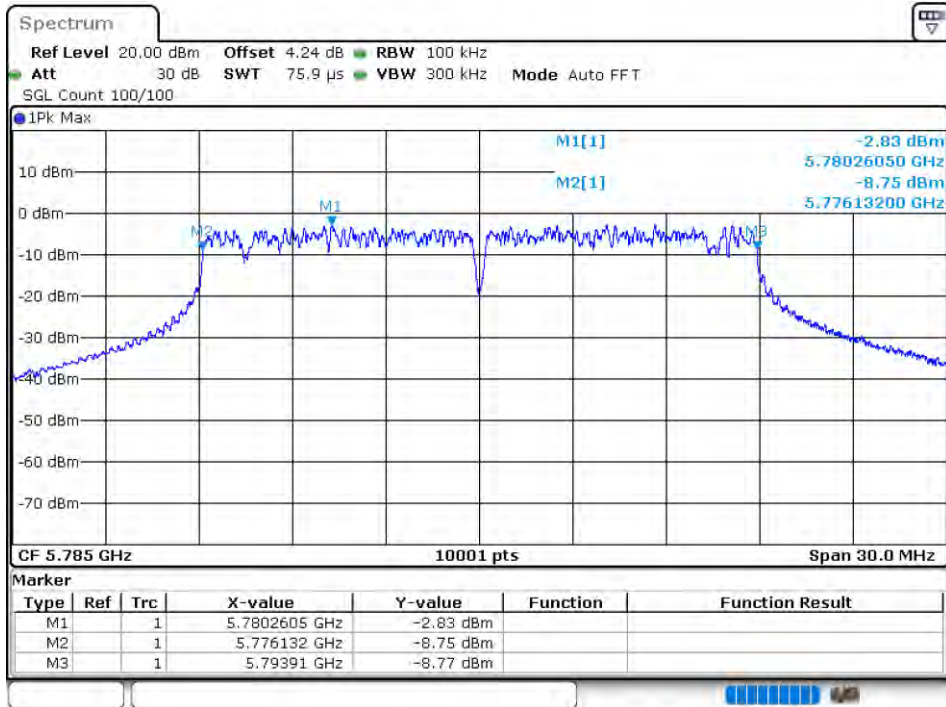
-6dB Bandwidth NVNT a 5825MHz Ant1



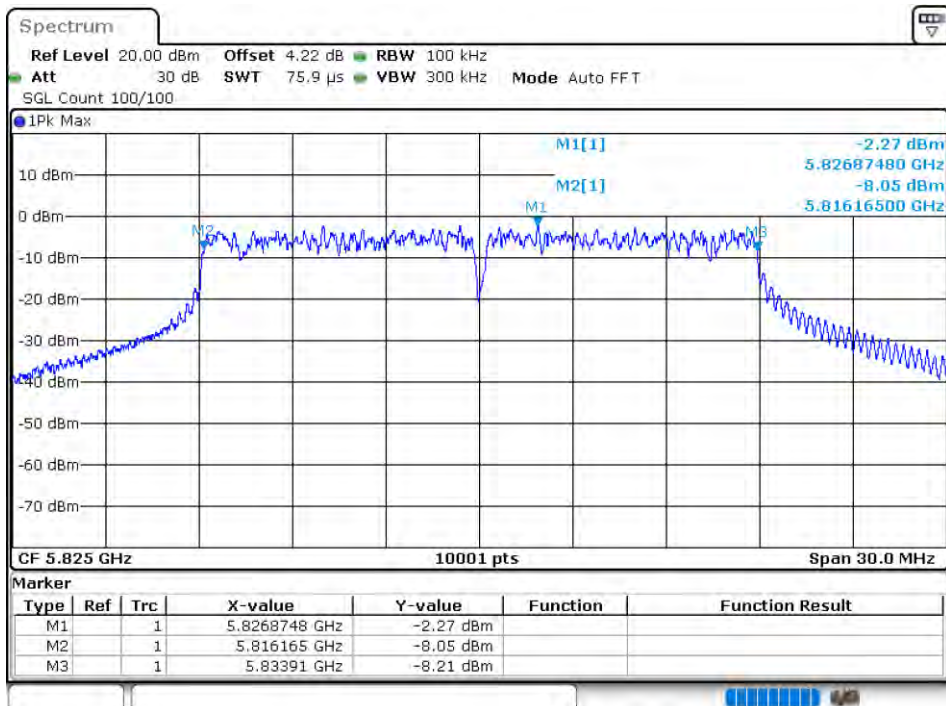
-6dB Bandwidth NVNT n20 5745MHz Ant1



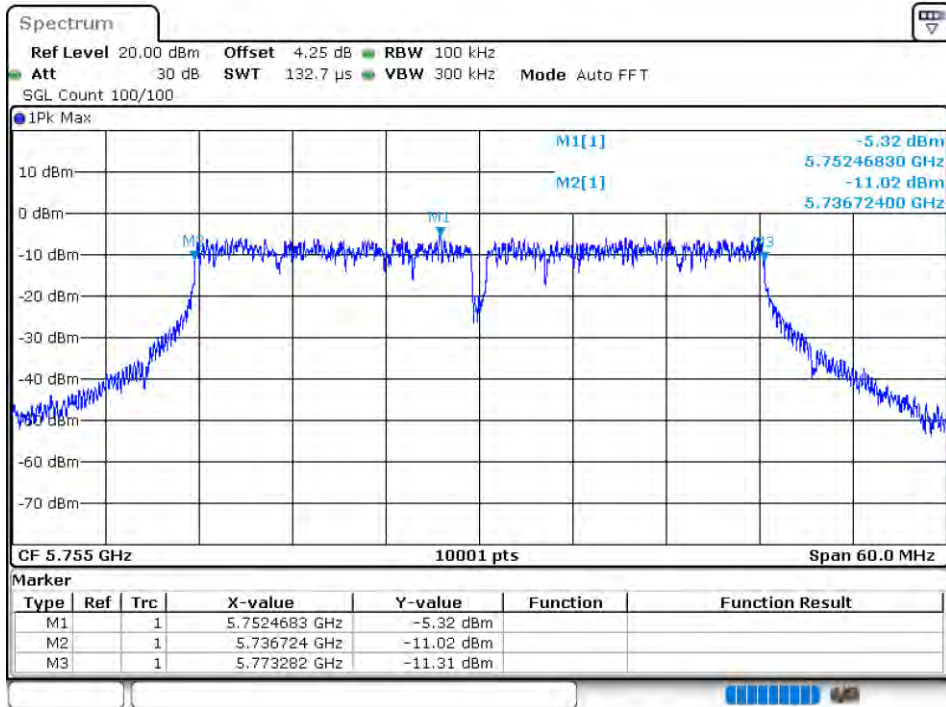
-6dB Bandwidth NVNT n20 5785MHz Ant1



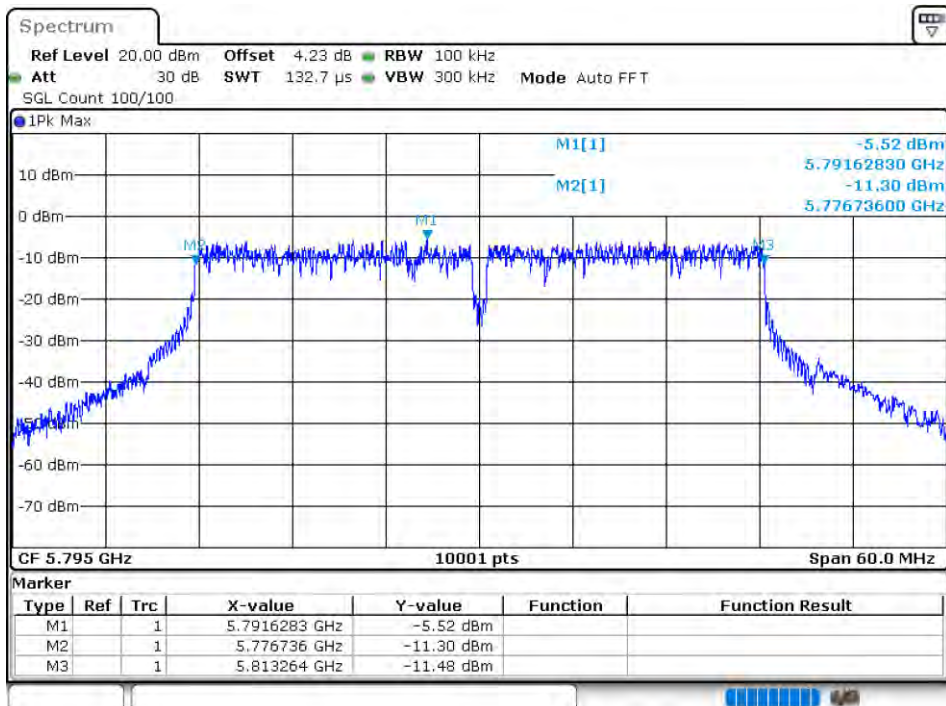
-6dB Bandwidth NVNT n20 5825MHz Ant1



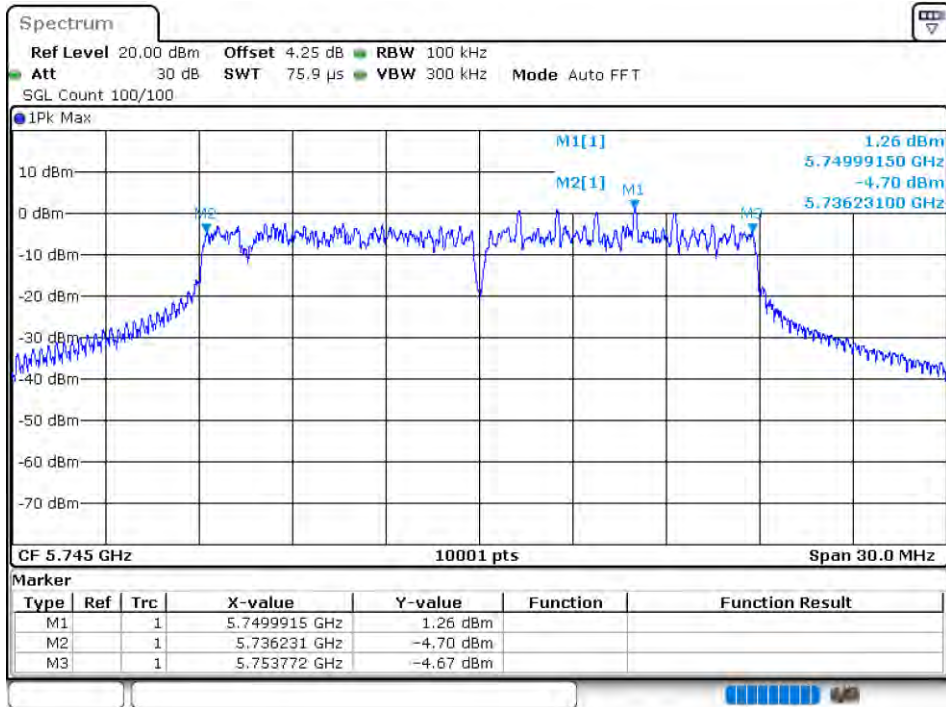
-6dB Bandwidth NVNT n40 5755MHz Ant1



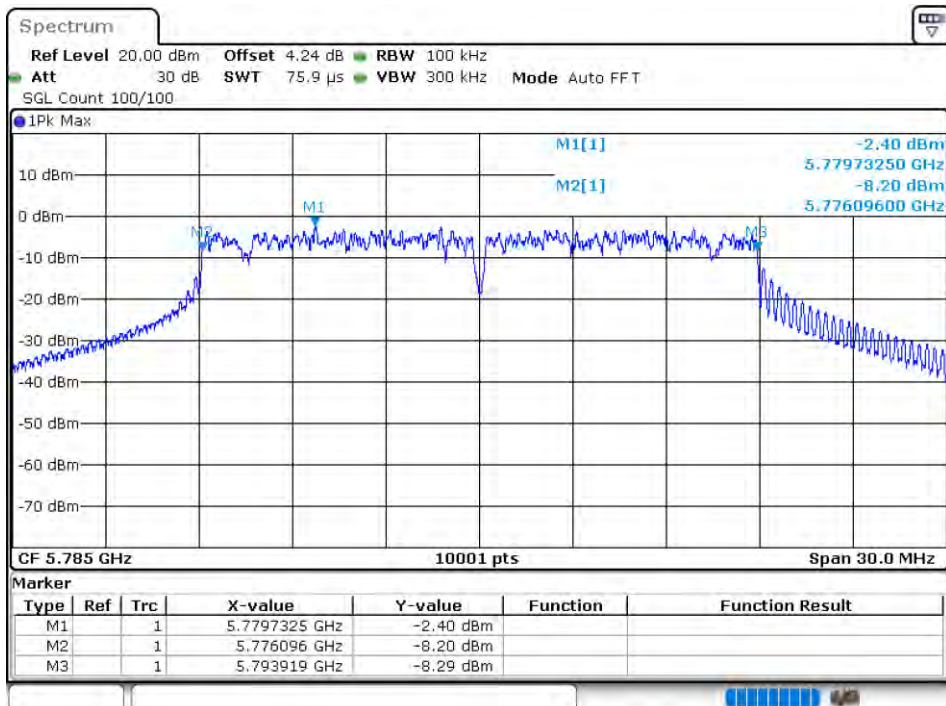
-6dB Bandwidth NVNT n40 5795MHz Ant1



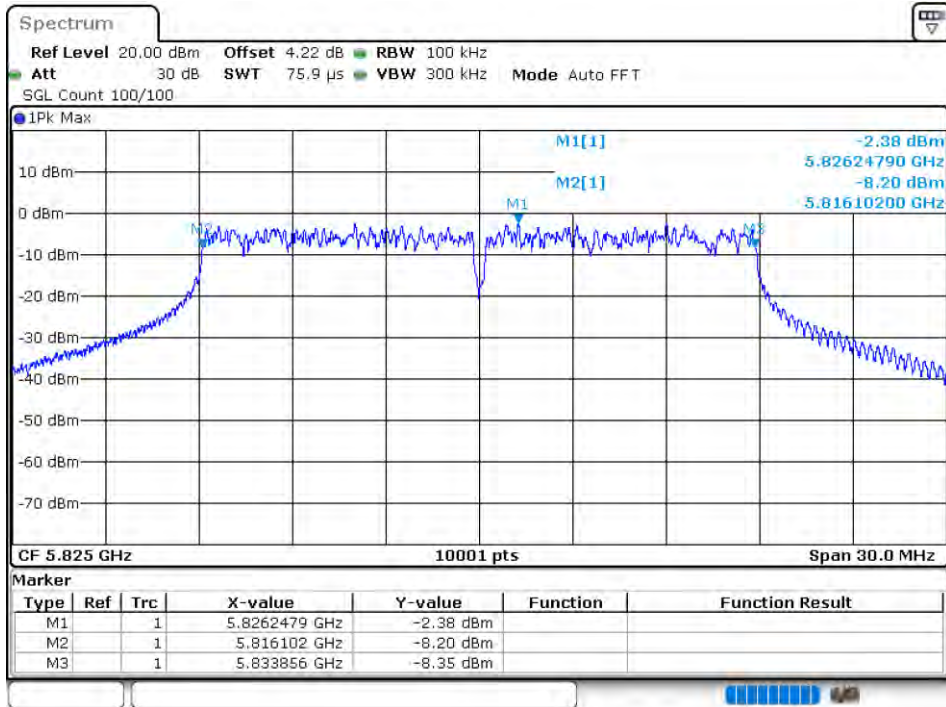
-6dB Bandwidth NVNT ac20 5745MHz Ant1



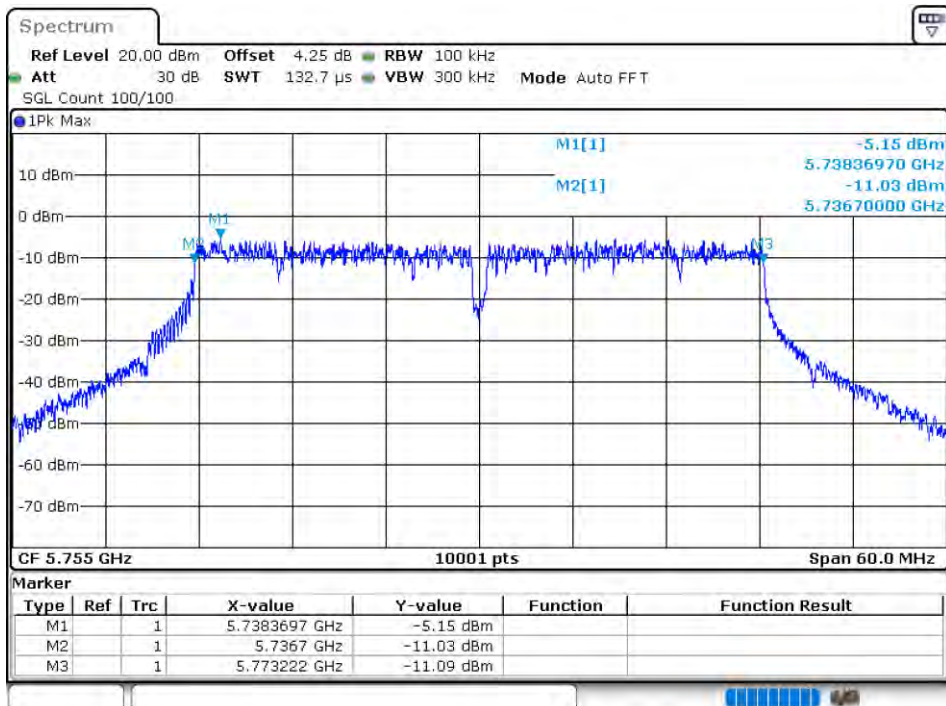
-6dB Bandwidth NVNT ac20 5785MHz Ant1



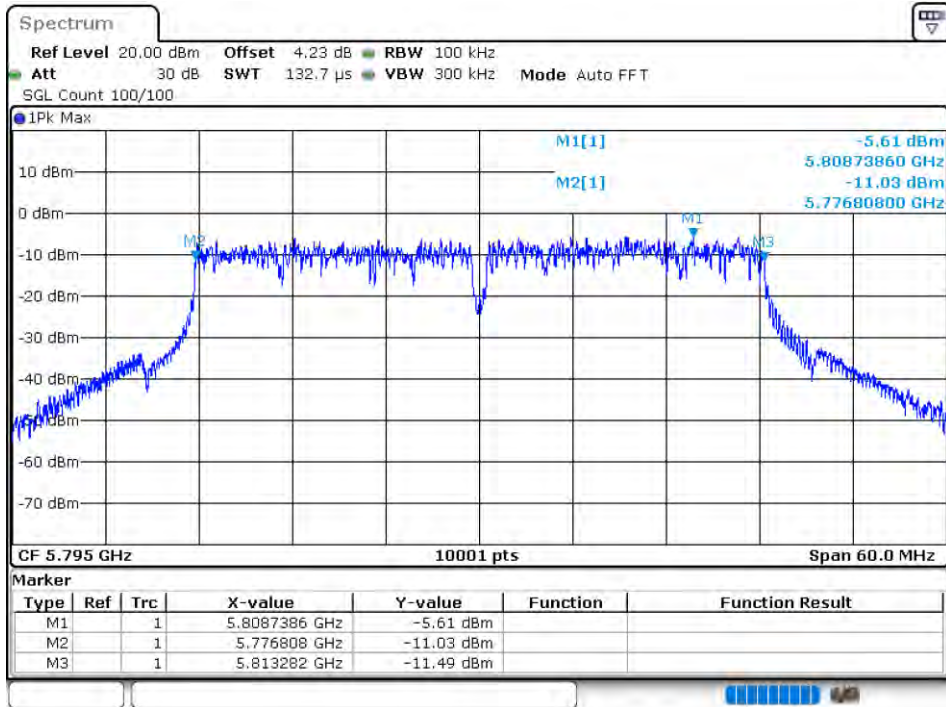
-6dB Bandwidth NVNT ac20 5825MHz Ant1



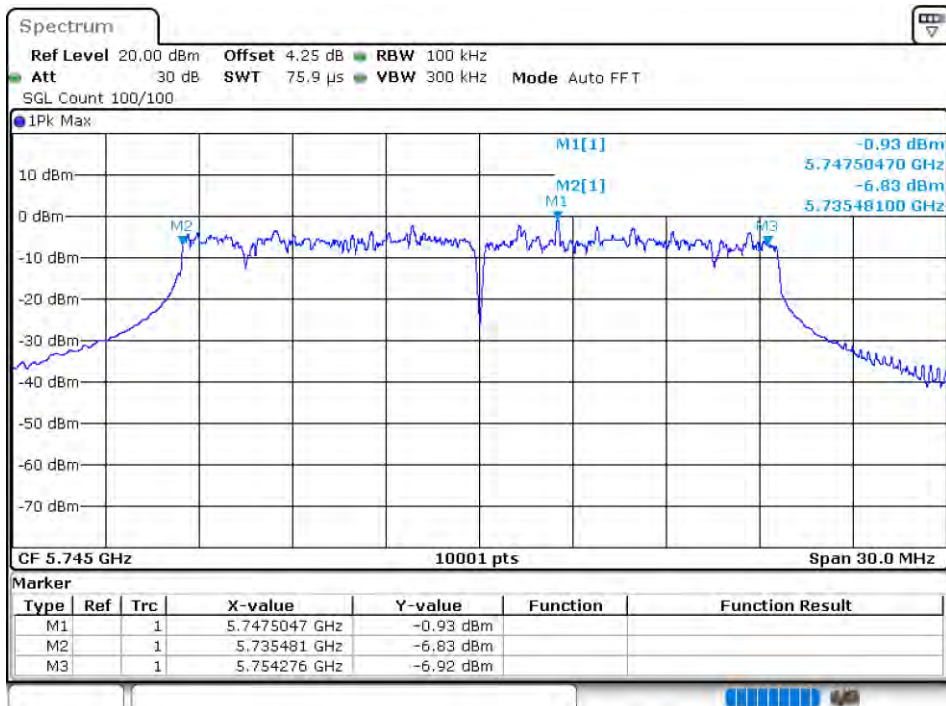
-6dB Bandwidth NVNT ac40 5755MHz Ant1



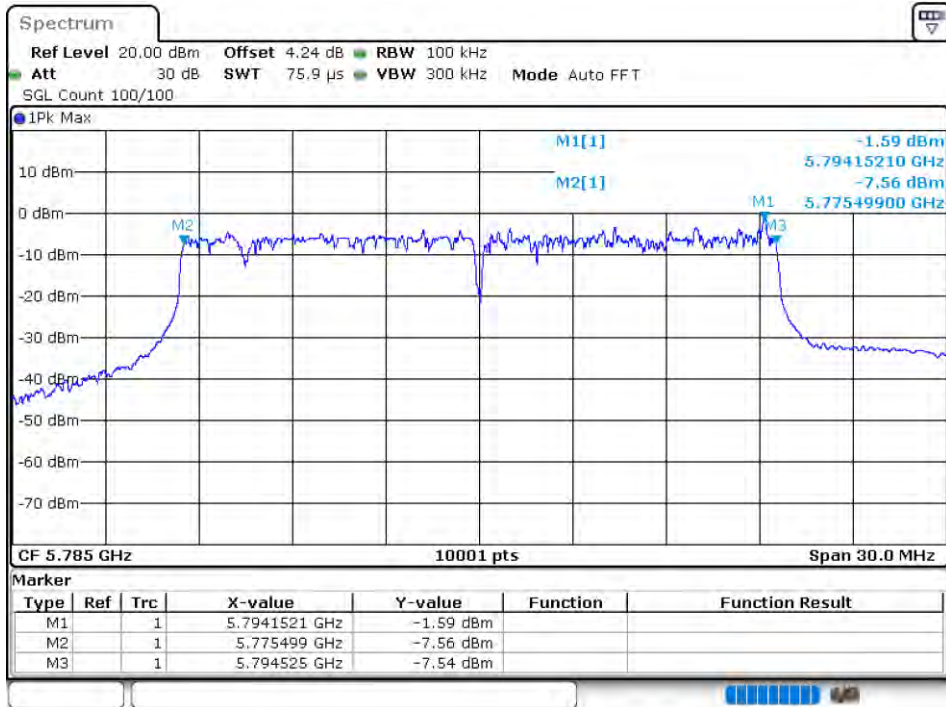
-6dB Bandwidth NVNT ac40 5795MHz Ant1



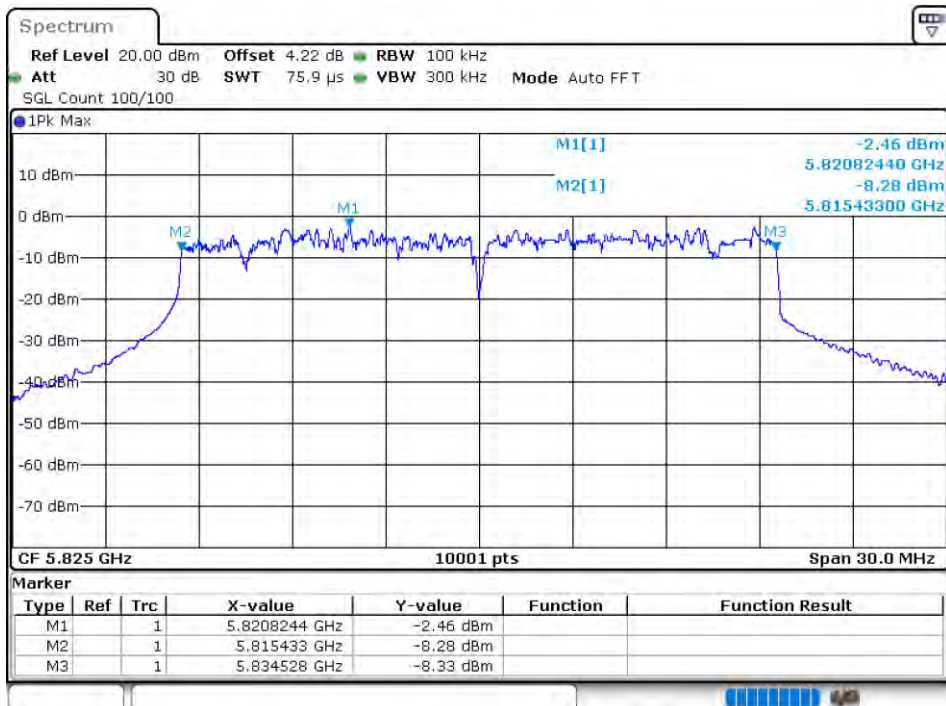
-6dB Bandwidth NVNT ax20 5745MHz Ant1



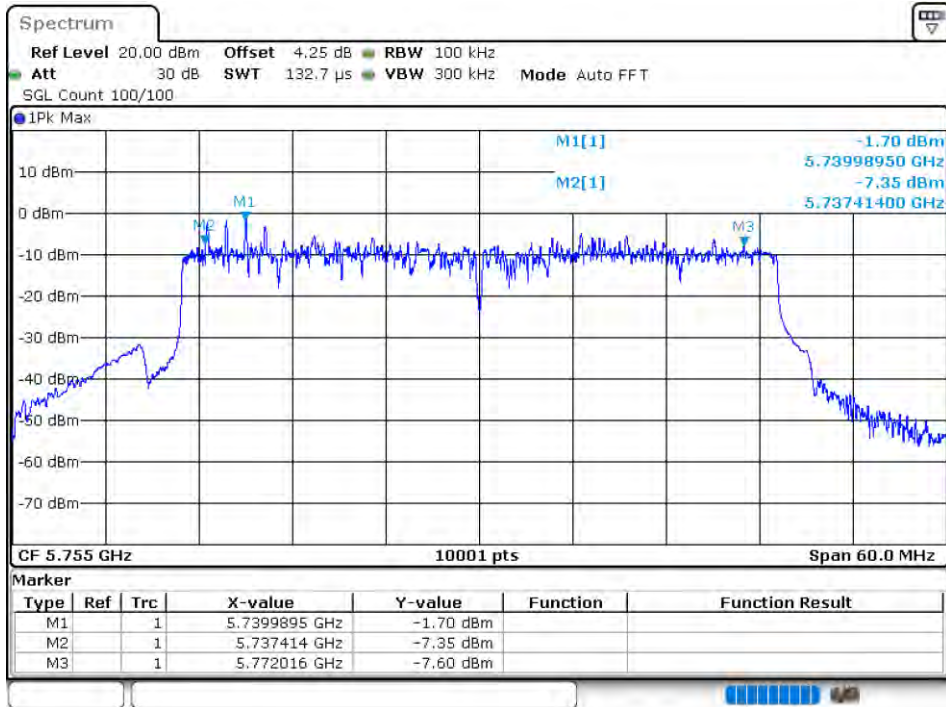
-6dB Bandwidth NVNT ax20 5785MHz Ant1



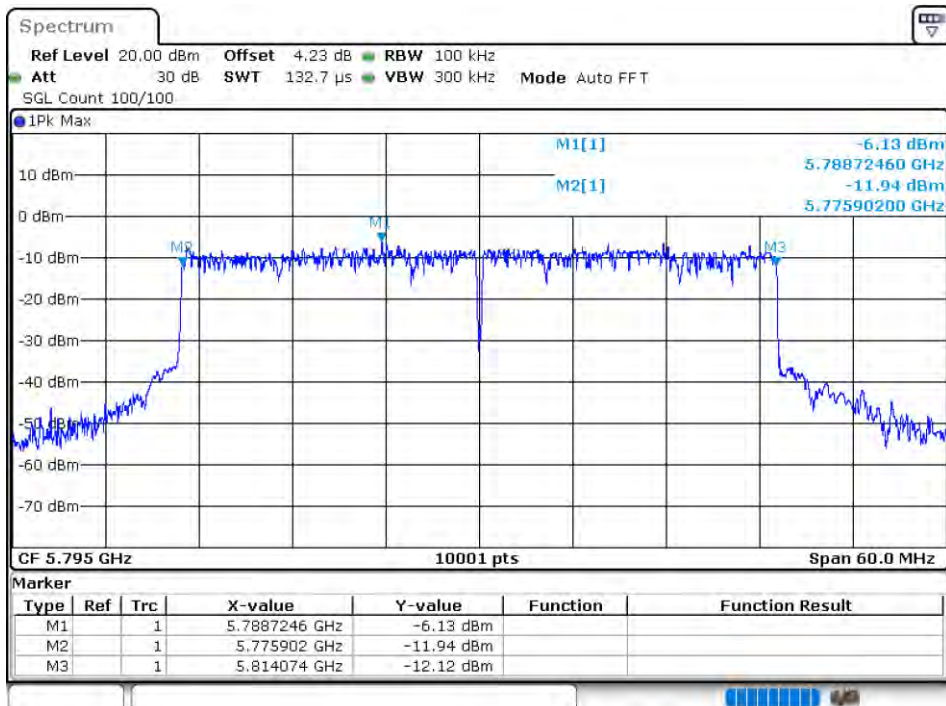
-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1

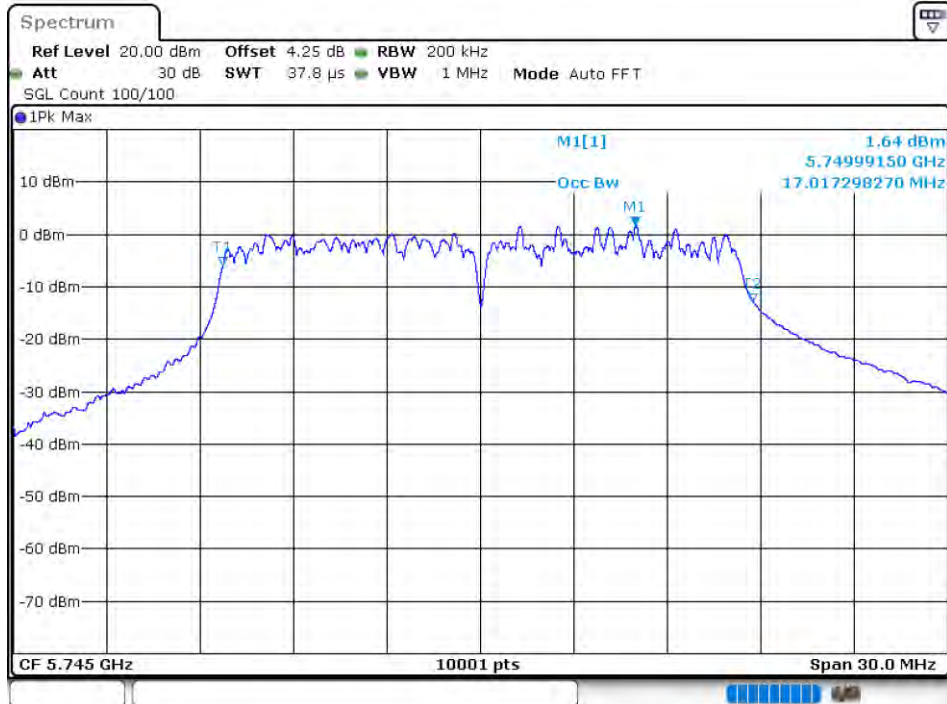


Occupied Channel Bandwidth

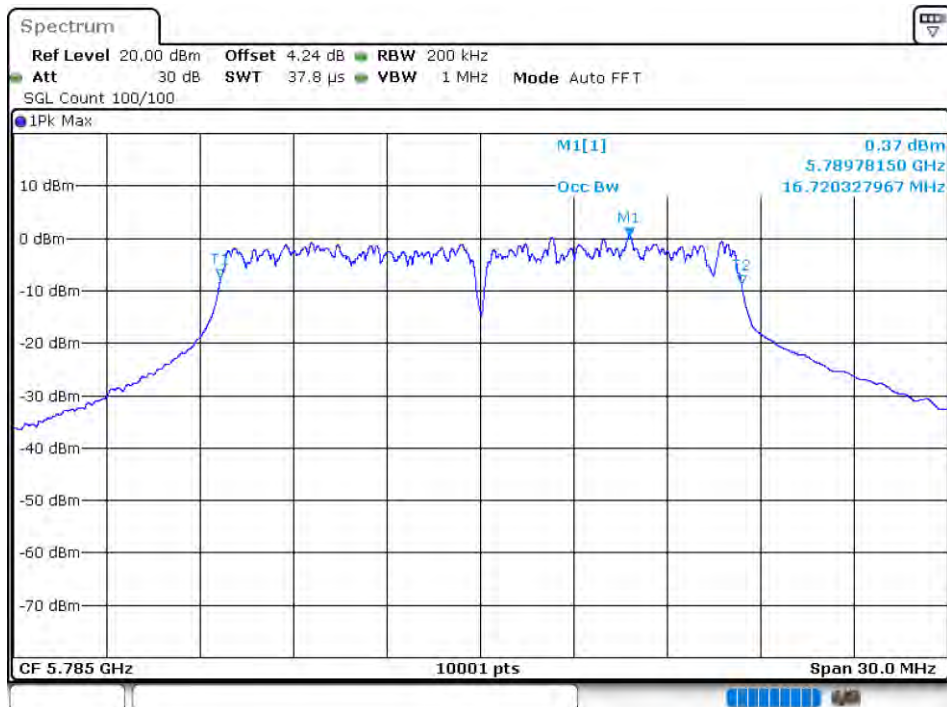
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	17.017
NVNT	a	5785	Ant1	16.72
NVNT	a	5825	Ant1	16.687
NVNT	n20	5745	Ant1	17.767
NVNT	n20	5785	Ant1	17.908
NVNT	n20	5825	Ant1	18.121
NVNT	n40	5755	Ant1	36.488
NVNT	n40	5795	Ant1	36.422
NVNT	ac20	5745	Ant1	18.325
NVNT	ac20	5785	Ant1	18.046
NVNT	ac20	5825	Ant1	17.752
NVNT	ac40	5755	Ant1	36.506
NVNT	ac40	5795	Ant1	36.488
NVNT	ax20	5745	Ant1	19.129
NVNT	ax20	5785	Ant1	19.372
NVNT	ax20	5825	Ant1	19.084
NVNT	ax40	5755	Ant1	37.922
NVNT	ax40	5795	Ant1	37.934

Test Graphs

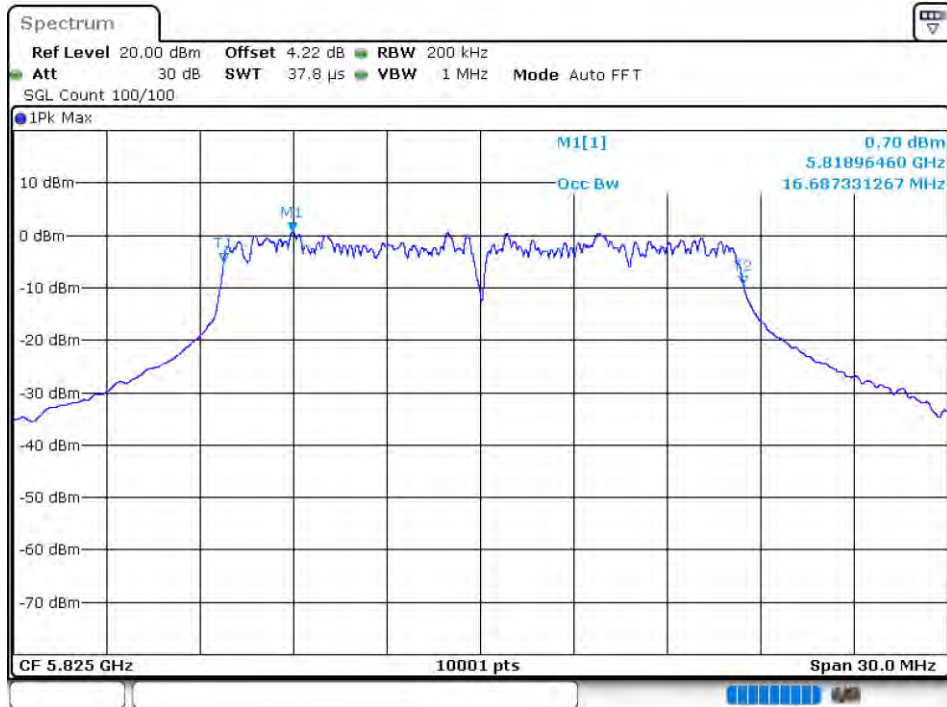
OBW NVNT a 5745MHz Ant1



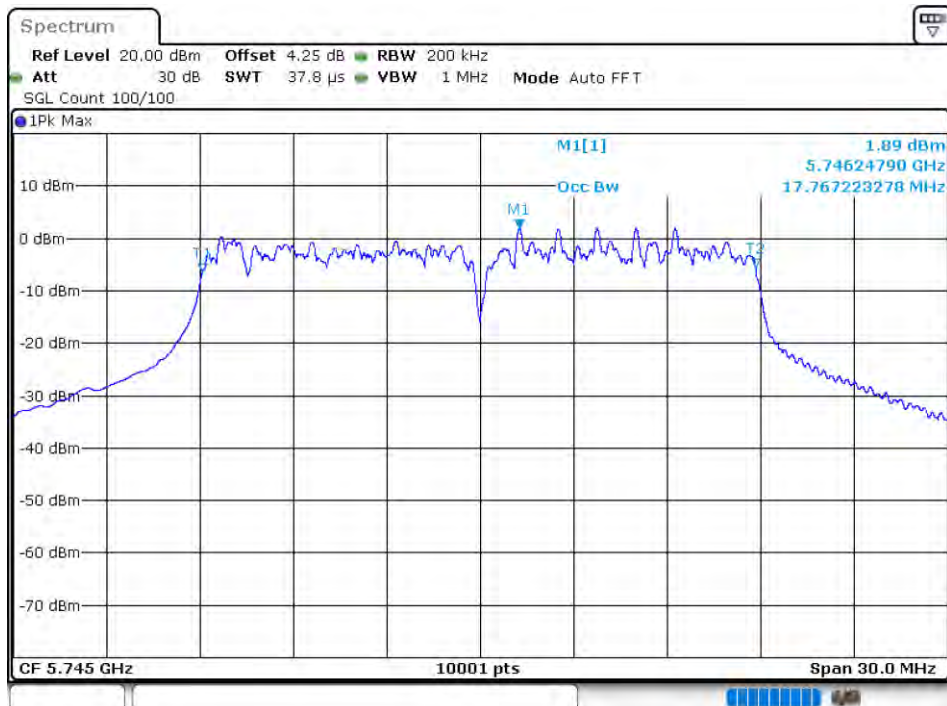
OBW NVNT a 5785MHz Ant1

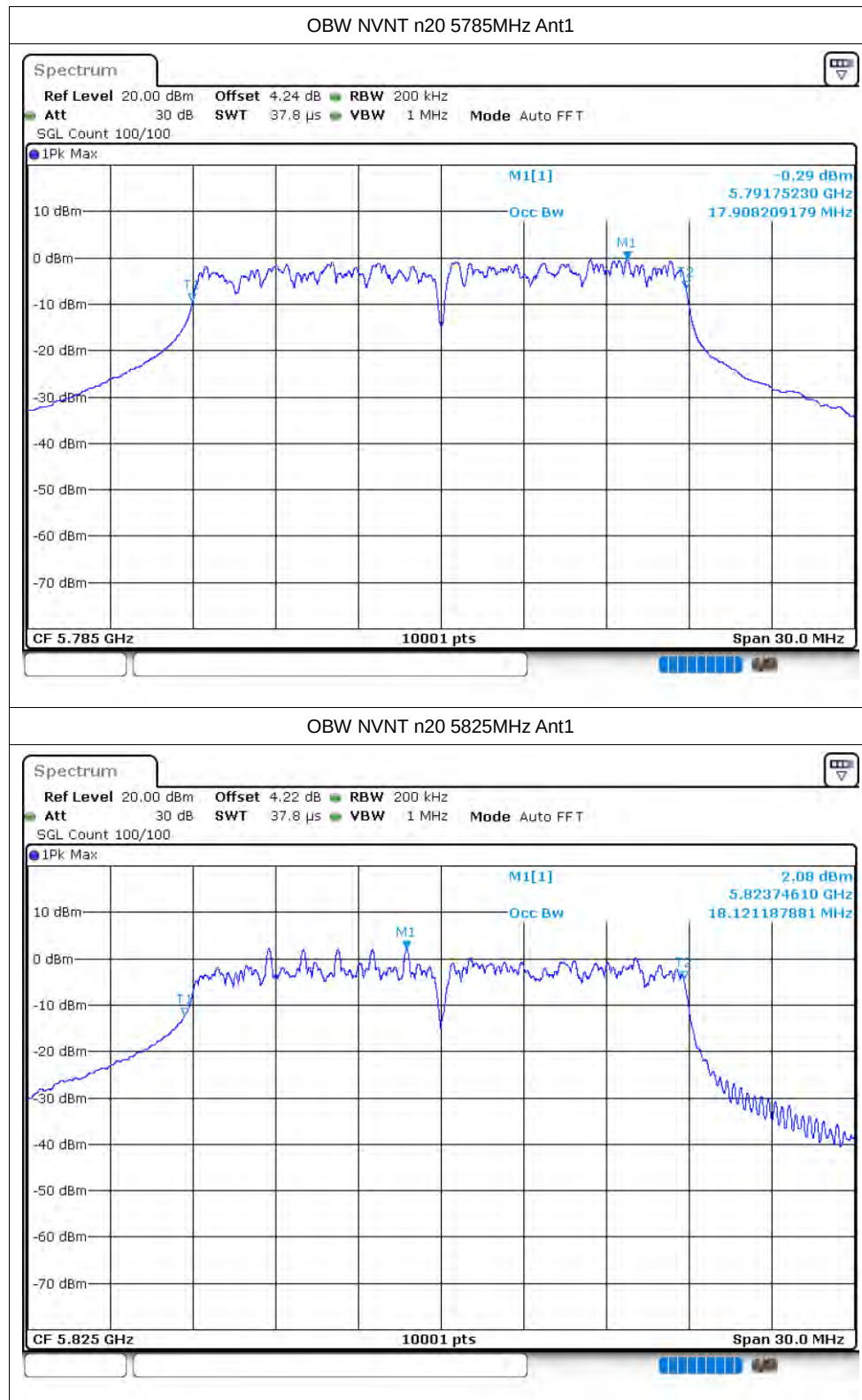


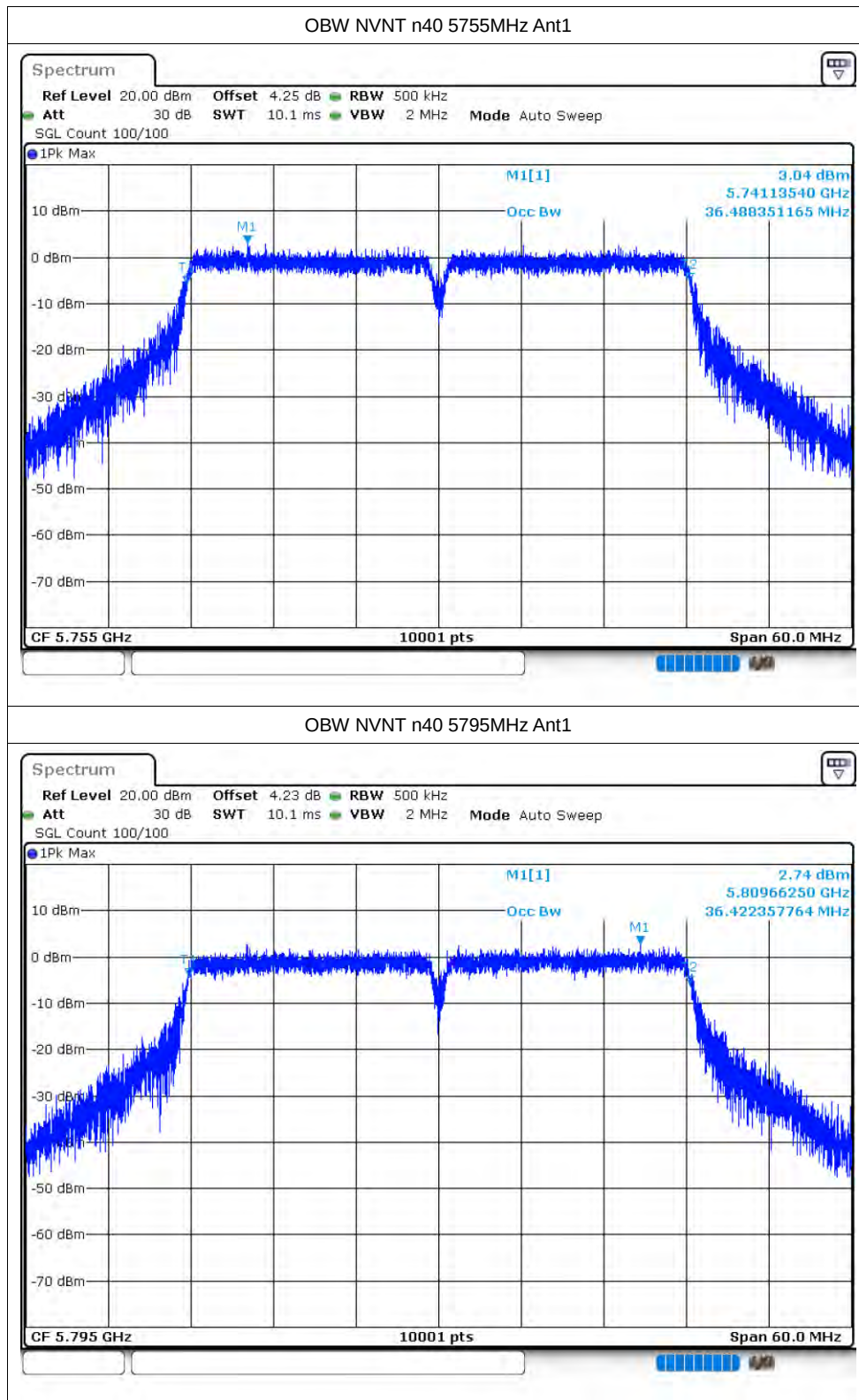
OBW NVNT a 5825MHz Ant1



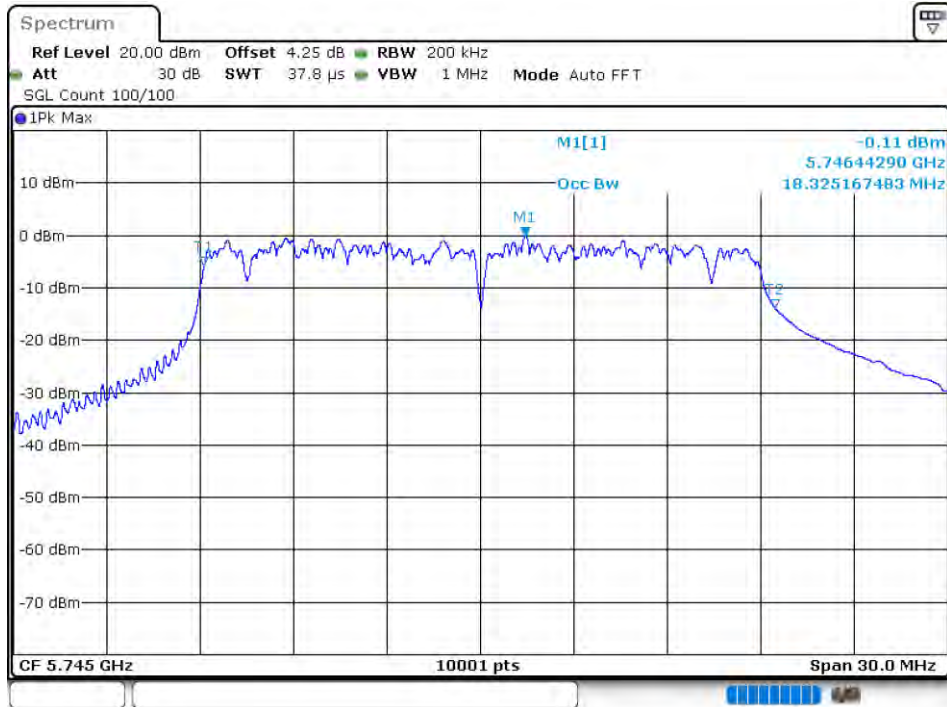
OBW NVNT n20 5745MHz Ant1



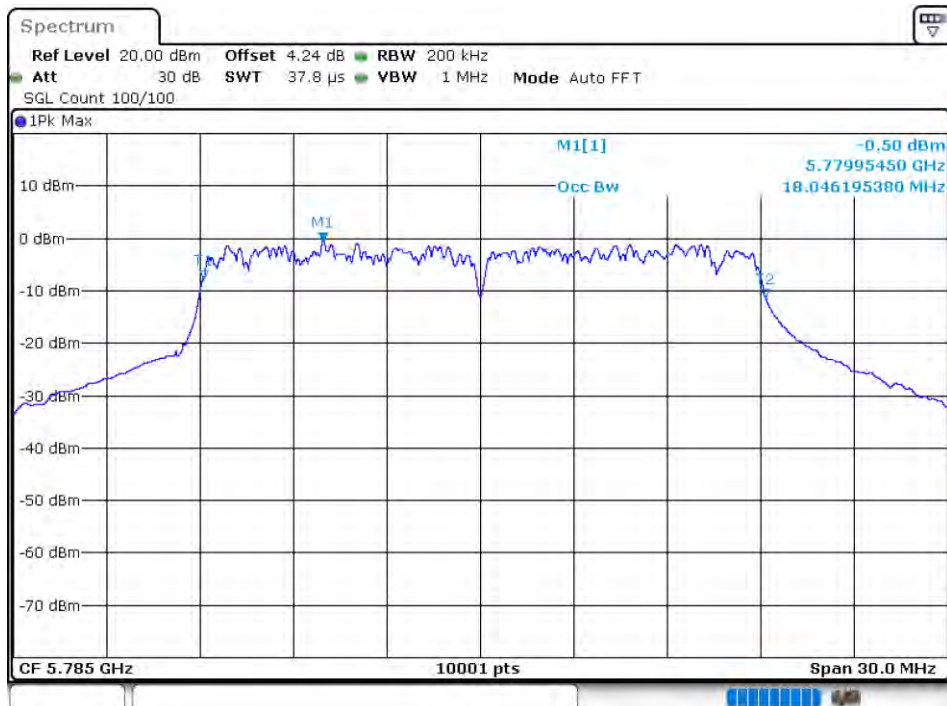


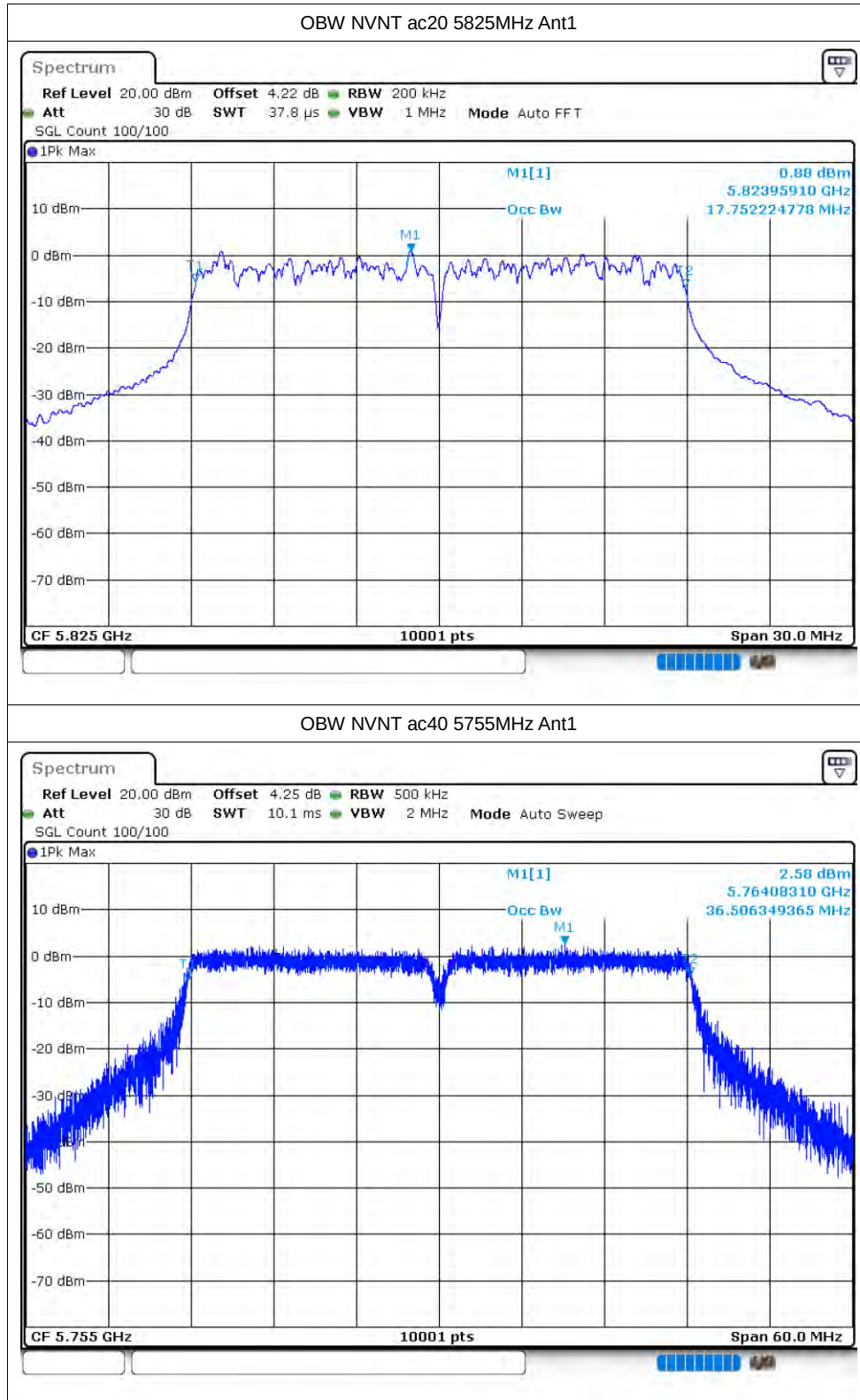


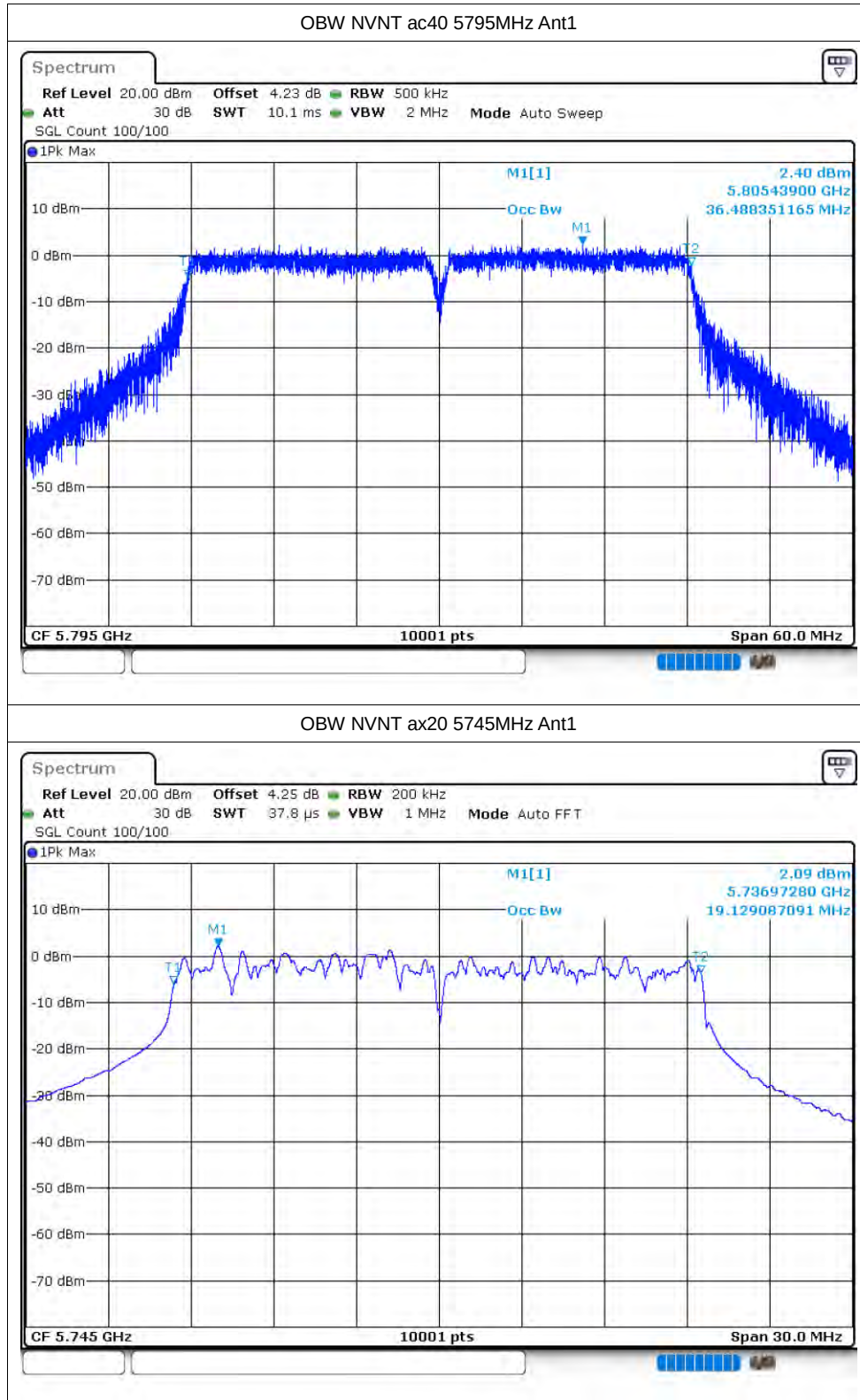
OBW NVNT ac20 5745MHz Ant1



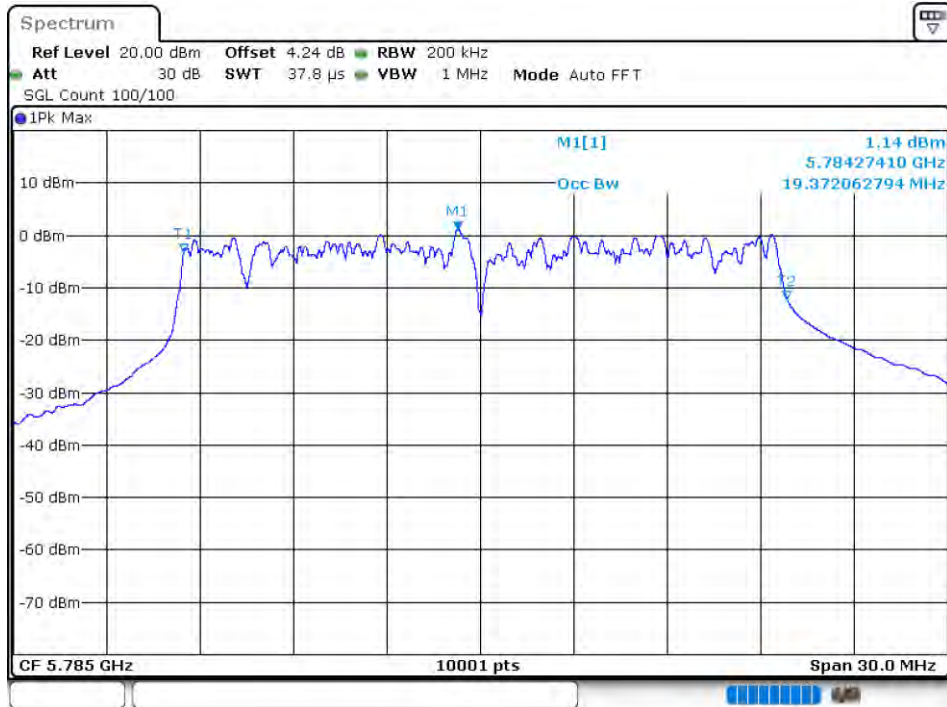
OBW NVNT ac20 5785MHz Ant1



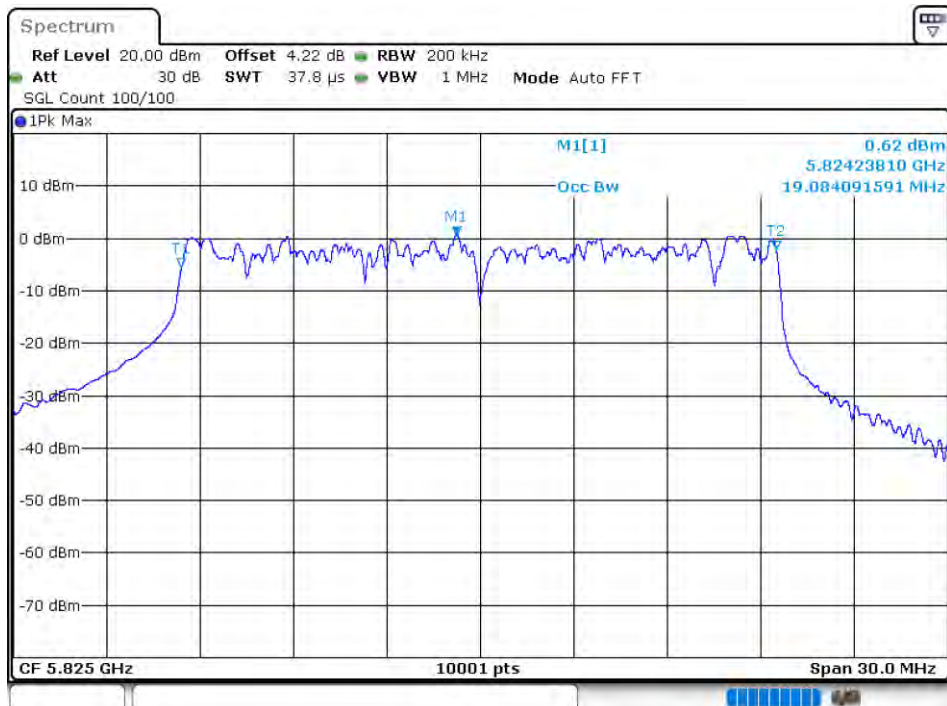




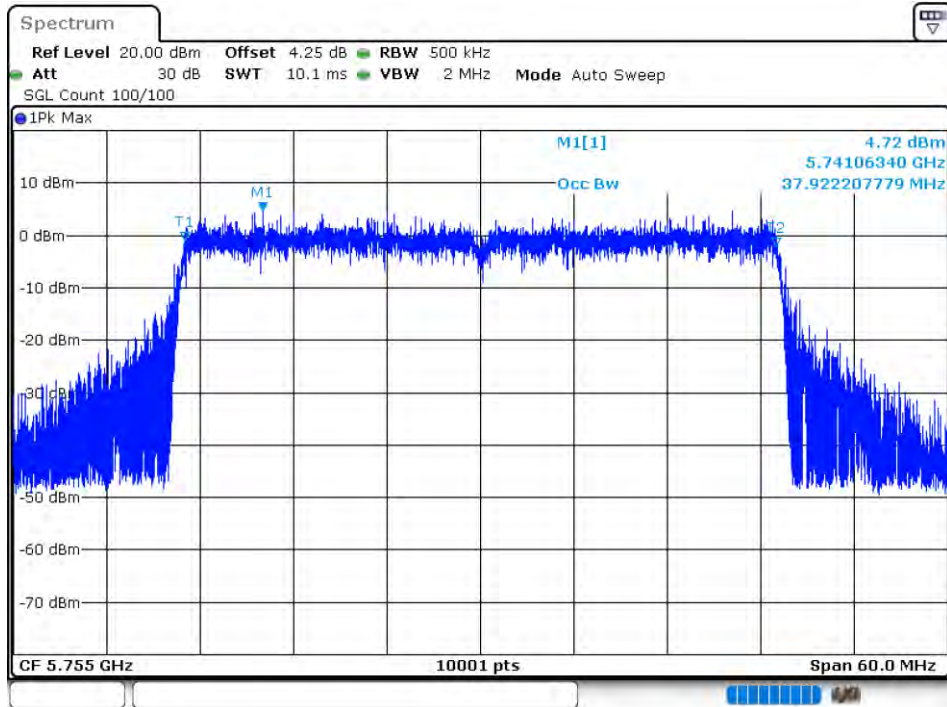
OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

