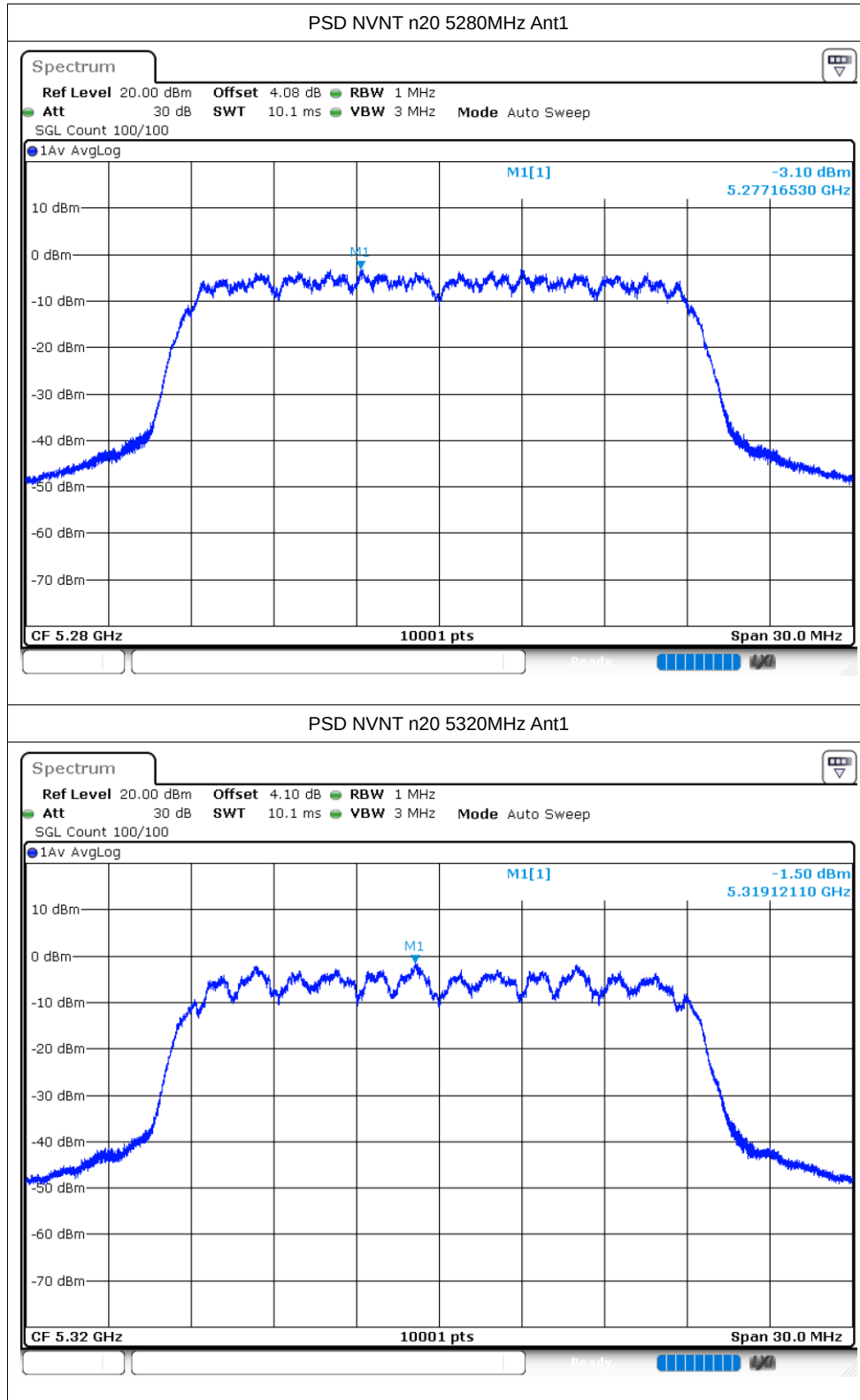
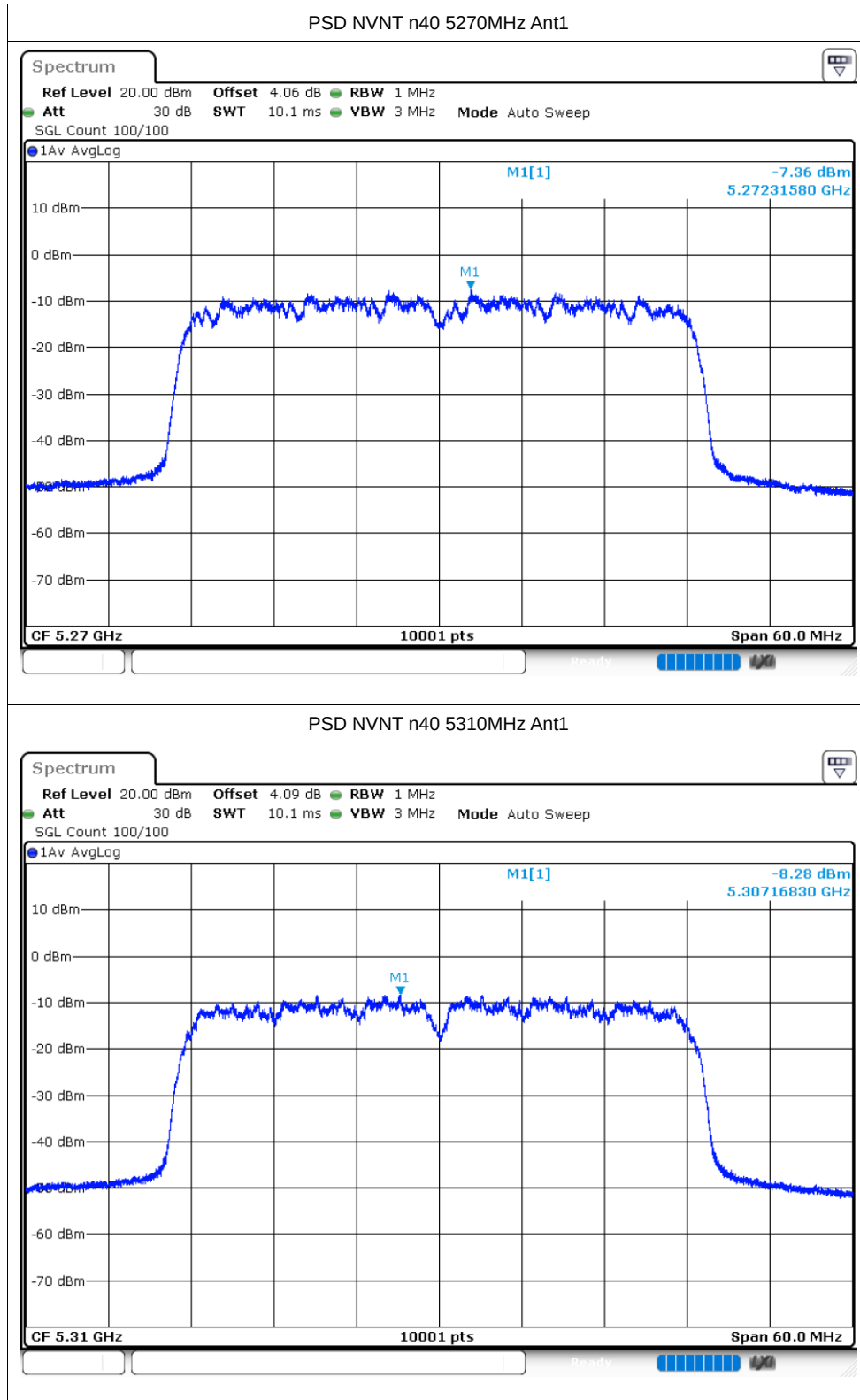






Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-38.08	-27	Pass
NVNT	a	5320	Ant1	-37.8	-27	Pass
NVNT	n20	5260	Ant1	-37.52	-27	Pass
NVNT	n20	5320	Ant1	-38.18	-27	Pass
NVNT	n40	5270	Ant1	-37.69	-27	Pass
NVNT	n40	5310	Ant1	-37.41	-27	Pass

Note: This test has increased antenna gain .

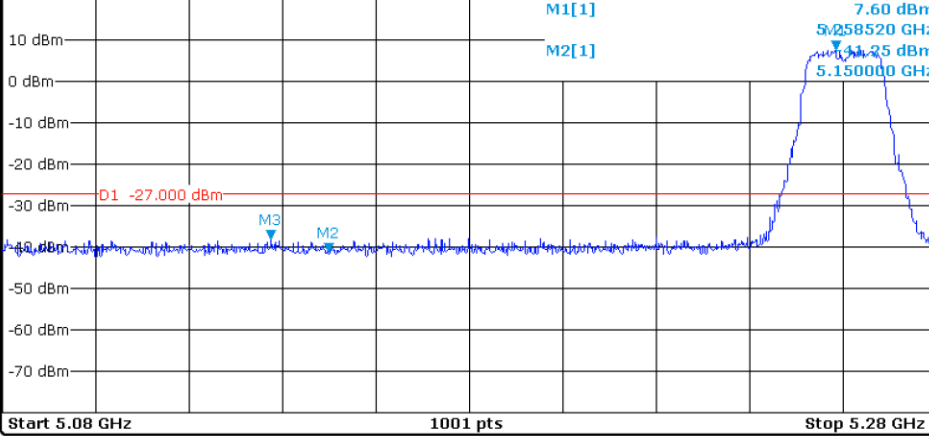
Test Graphs

Band Edge NVNT a 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.56 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

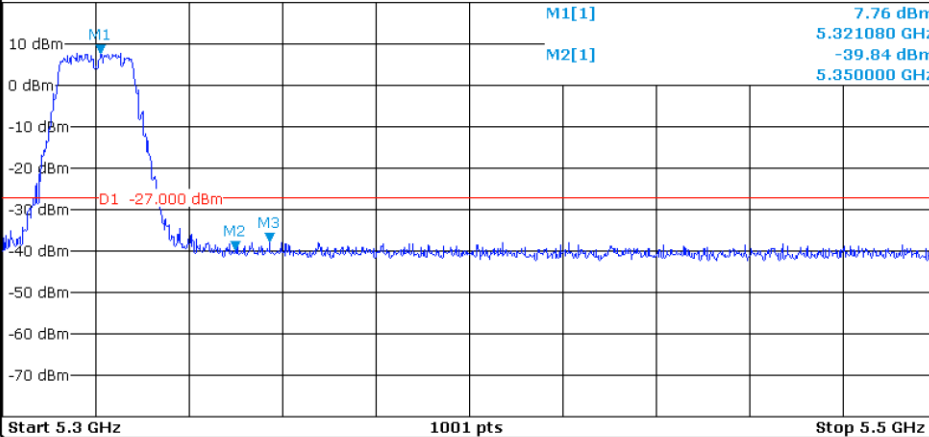
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.25852 GHz	7.60 dBm		
M2	1		5.15 GHz	-41.25 dBm		
M3	1		5.1374 GHz	-38.08 dBm		

Band Edge NVNT a 5320MHz High Ant1

Spectrum

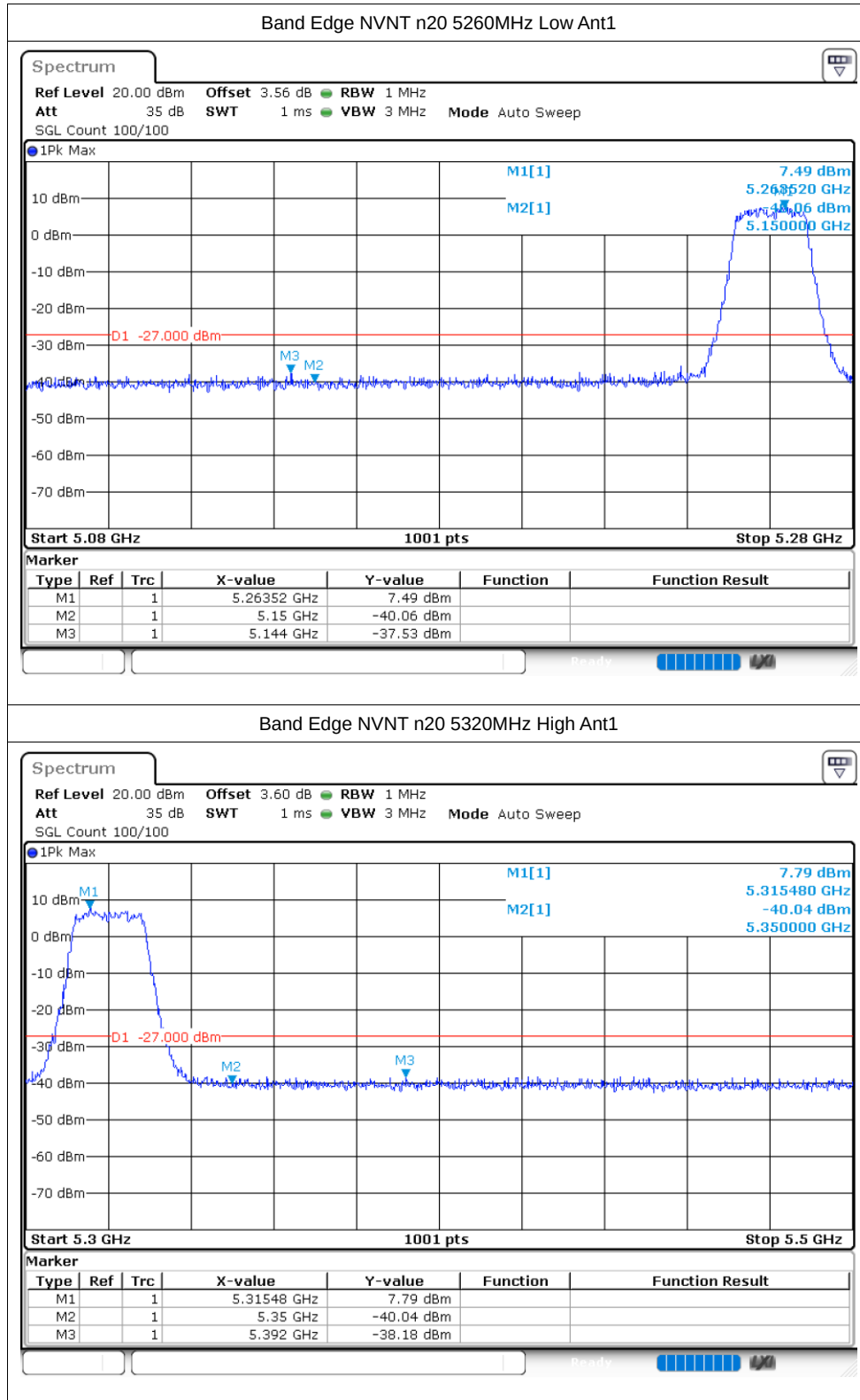
Ref Level 20.00 dBm Offset 3.60 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.32108 GHz	7.76 dBm		
M2	1		5.35 GHz	-39.84 dBm		
M3	1		5.3572 GHz	-37.80 dBm		

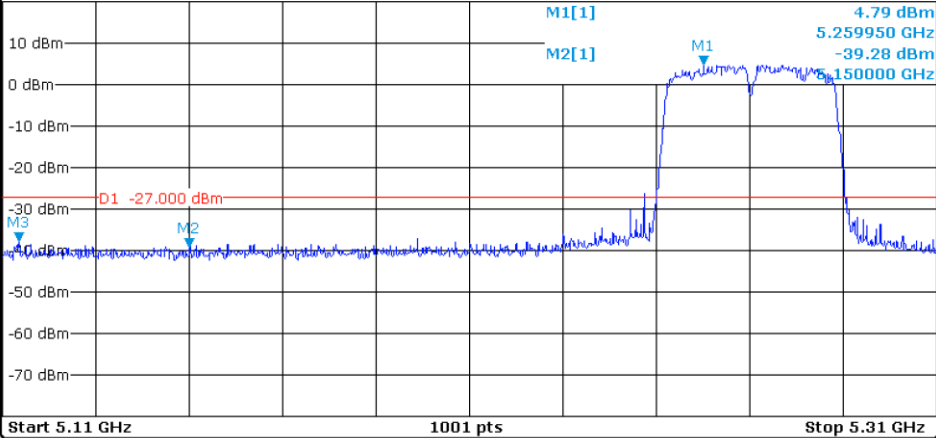


Band Edge NVNT n40 5270MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.56 dB RBW 1 MHz
Att 35 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

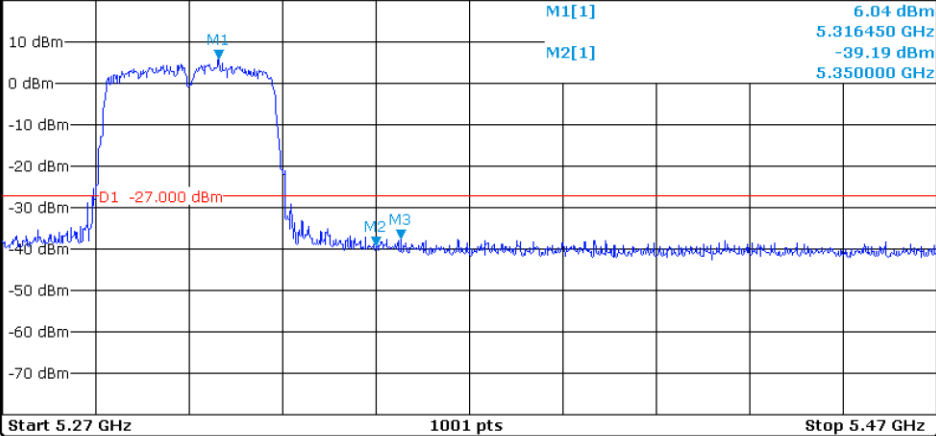
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.25995 GHz	4.79 dBm		
M2		1	5.15 GHz	-39.28 dBm		
M3		1	5.1136 GHz	-37.69 dBm		

Band Edge NVNT n40 5310MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.59 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	5.31645 GHz	6.04 dBm		
M2		1	5.35 GHz	-39.19 dBm		
M3		1	5.3554 GHz	-37.41 dBm		

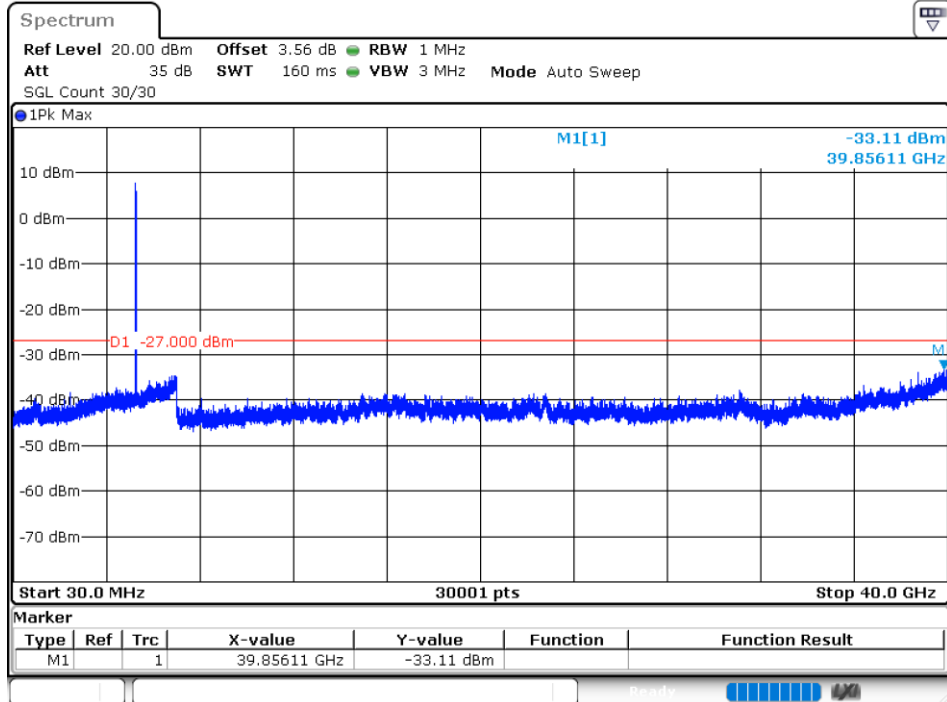
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-33.1	-27	Pass
NVNT	a	5280	Ant1	-33.93	-27	Pass
NVNT	a	5320	Ant1	-34.01	-27	Pass
NVNT	n20	5260	Ant1	-34.01	-27	Pass
NVNT	n20	5280	Ant1	-32.6	-27	Pass
NVNT	n20	5320	Ant1	-33.5	-27	Pass
NVNT	n40	5270	Ant1	-33.6	-27	Pass
NVNT	n40	5310	Ant1	-33.79	-27	Pass

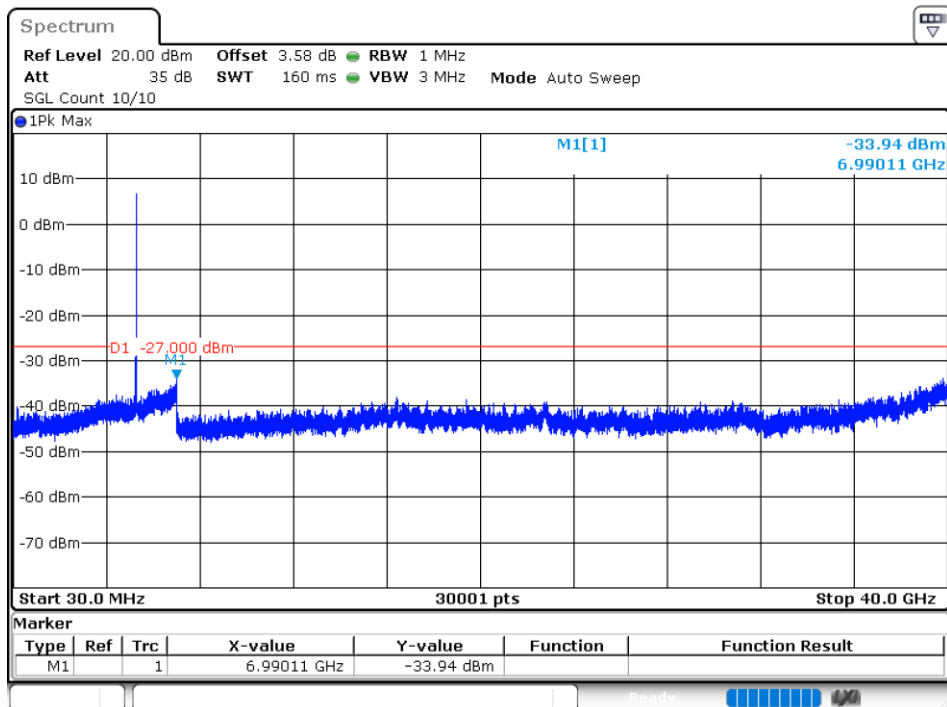
Note: This test has increased antenna gain .

Test Graphs

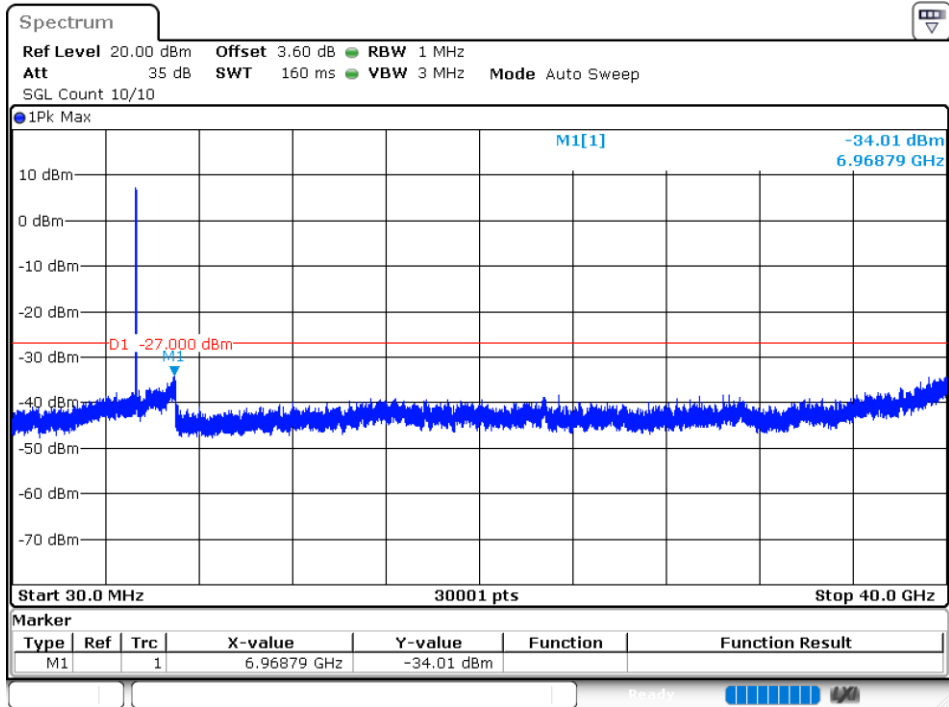
Tx. Spurious NVNT a 5260MHz Ant1 Emission



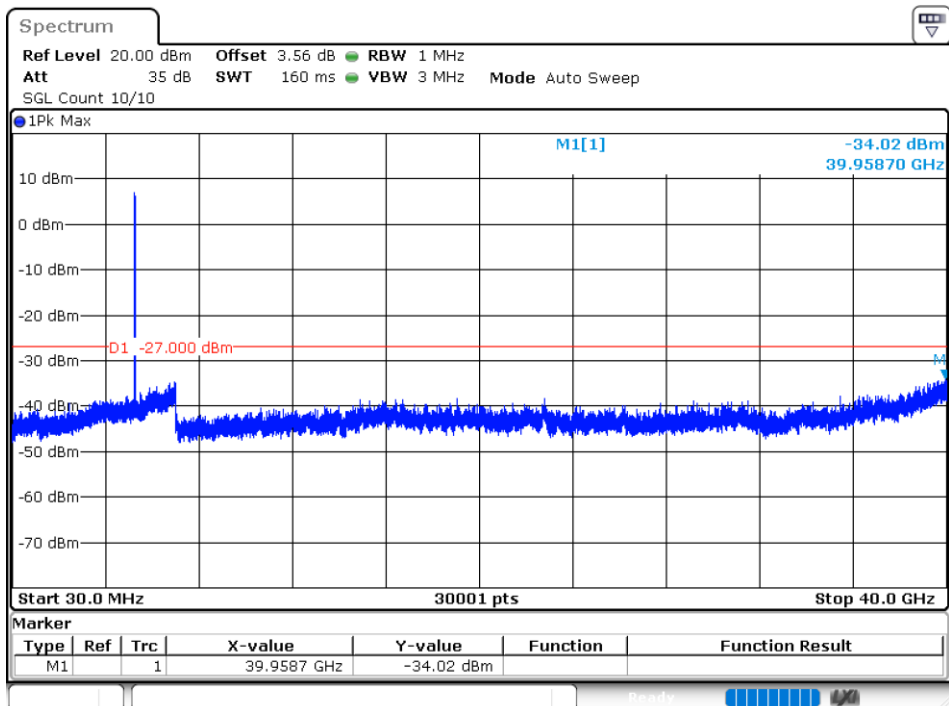
Tx. Spurious NVNT a 5280MHz Ant1 Emission

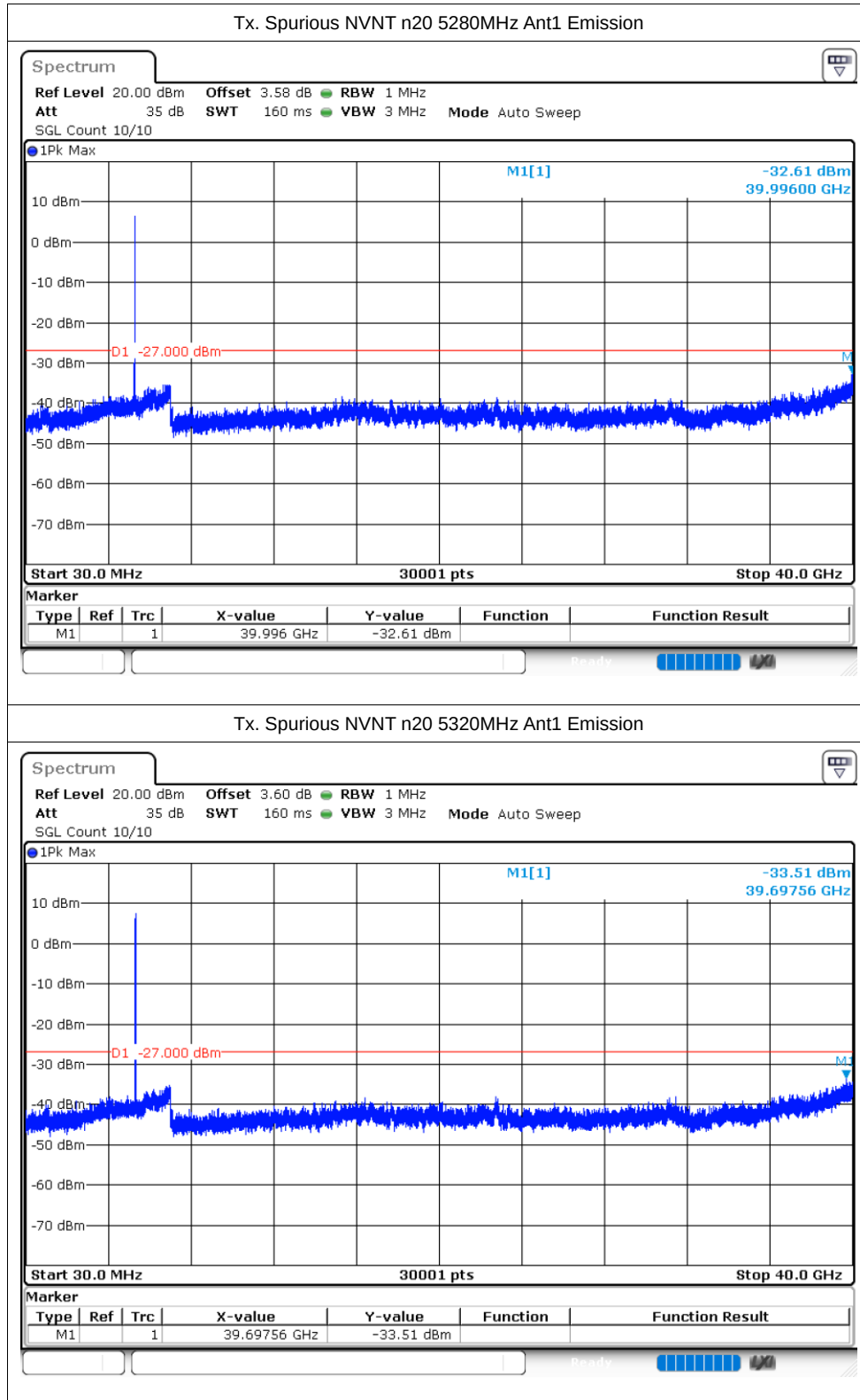


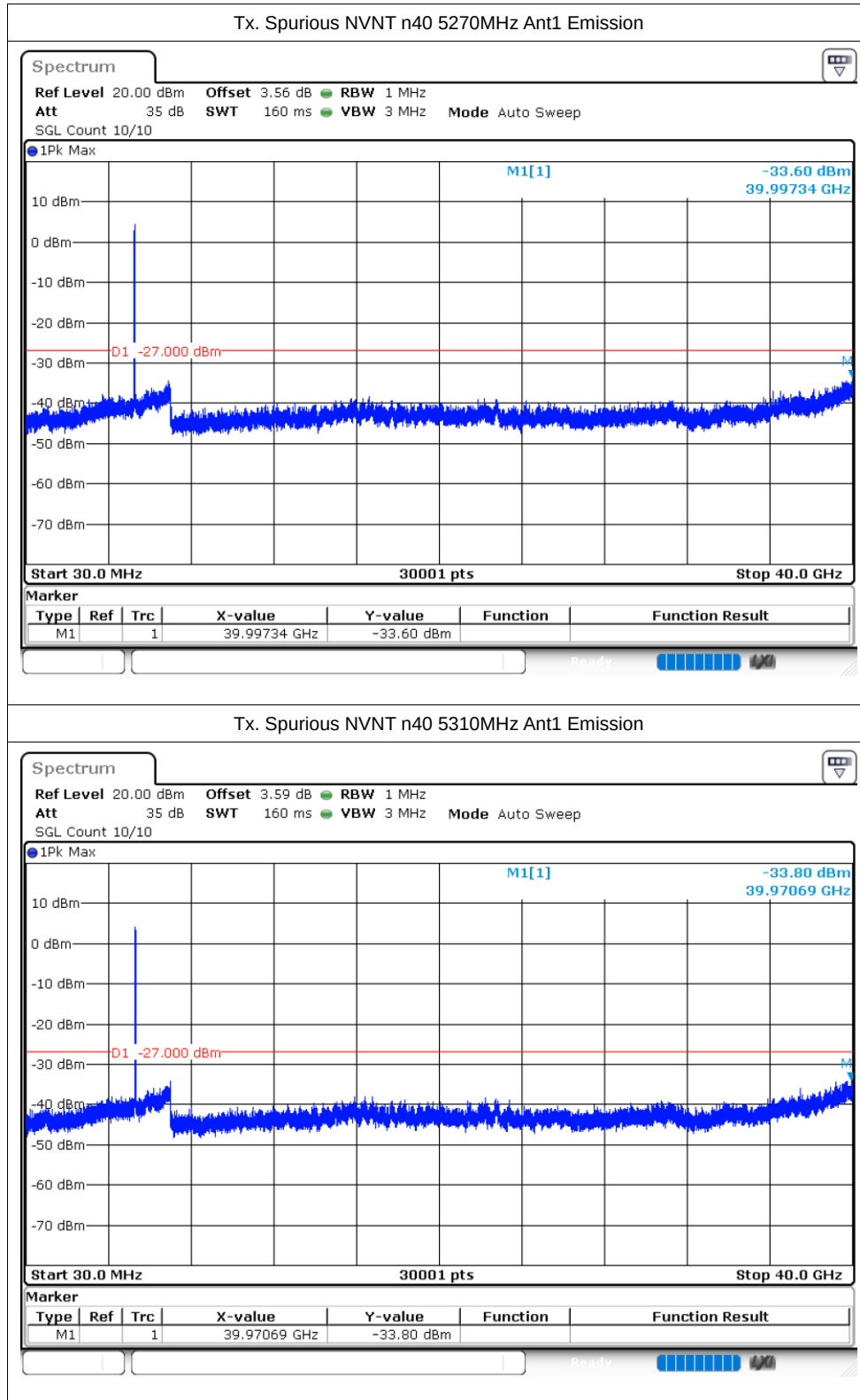
Tx. Spurious NVNT a 5320MHz Ant1 Emission



Tx. Spurious NVNT n20 5260MHz Ant1 Emission







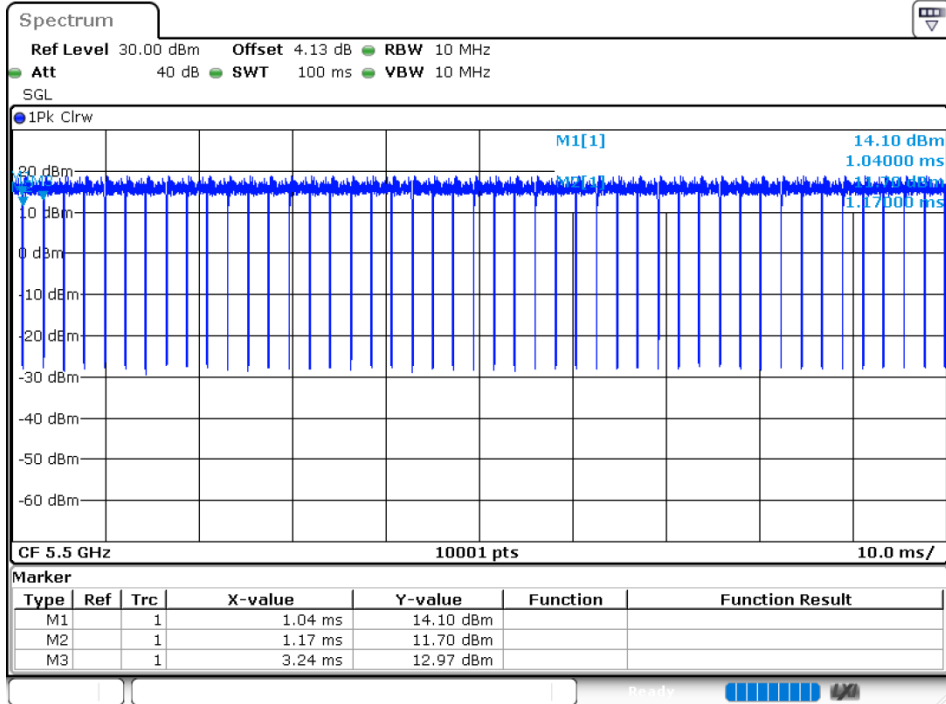
5.6G WIFI

Duty Cycle

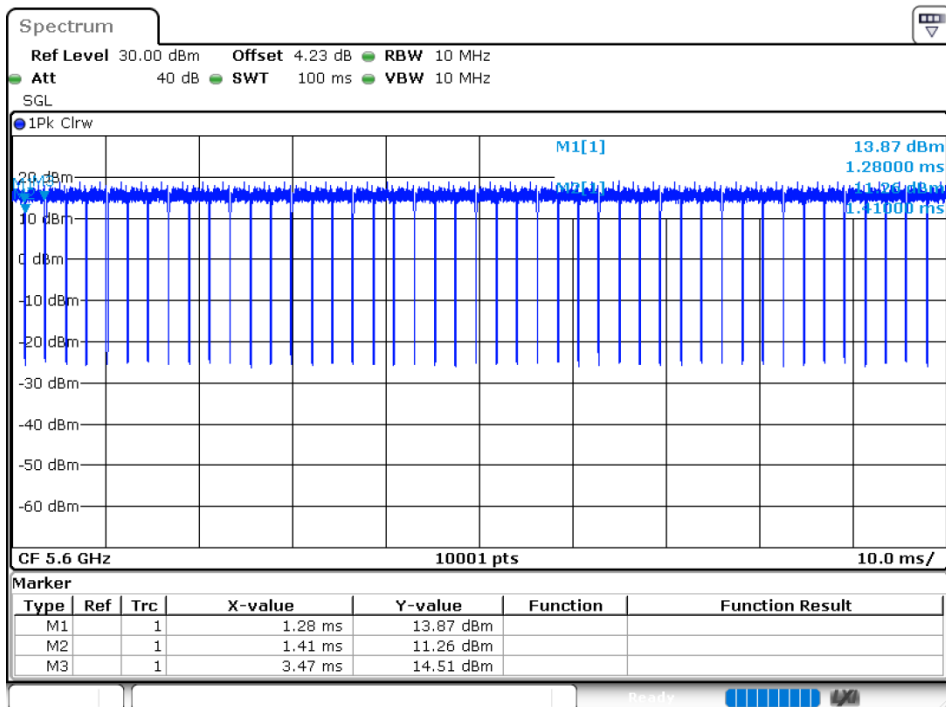
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	94.48	0.25	0.48
NVNT	a	5600	Ant1	94.6	0.24	0.49
NVNT	a	5700	Ant1	94.48	0.25	0.48
NVNT	n20	5500	Ant1	94.12	0.26	0.52
NVNT	n20	5600	Ant1	94.12	0.26	0.52
NVNT	n20	5700	Ant1	94.12	0.26	0.52
NVNT	n40	5510	Ant1	88.81	0.52	1.06
NVNT	n40	5590	Ant1	88.81	0.52	1.05
NVNT	n40	5670	Ant1	88.84	0.51	1.05

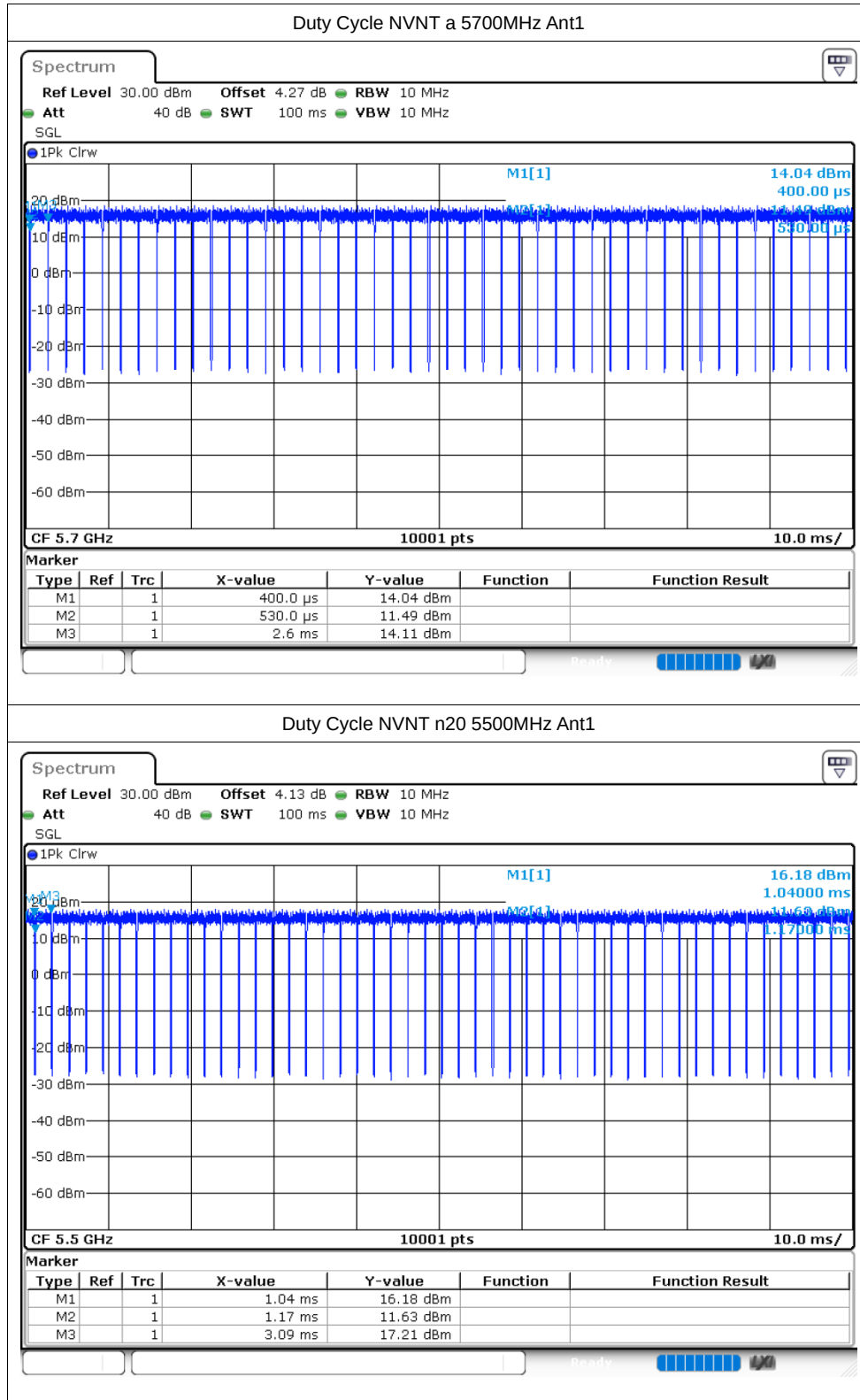
Test Graphs

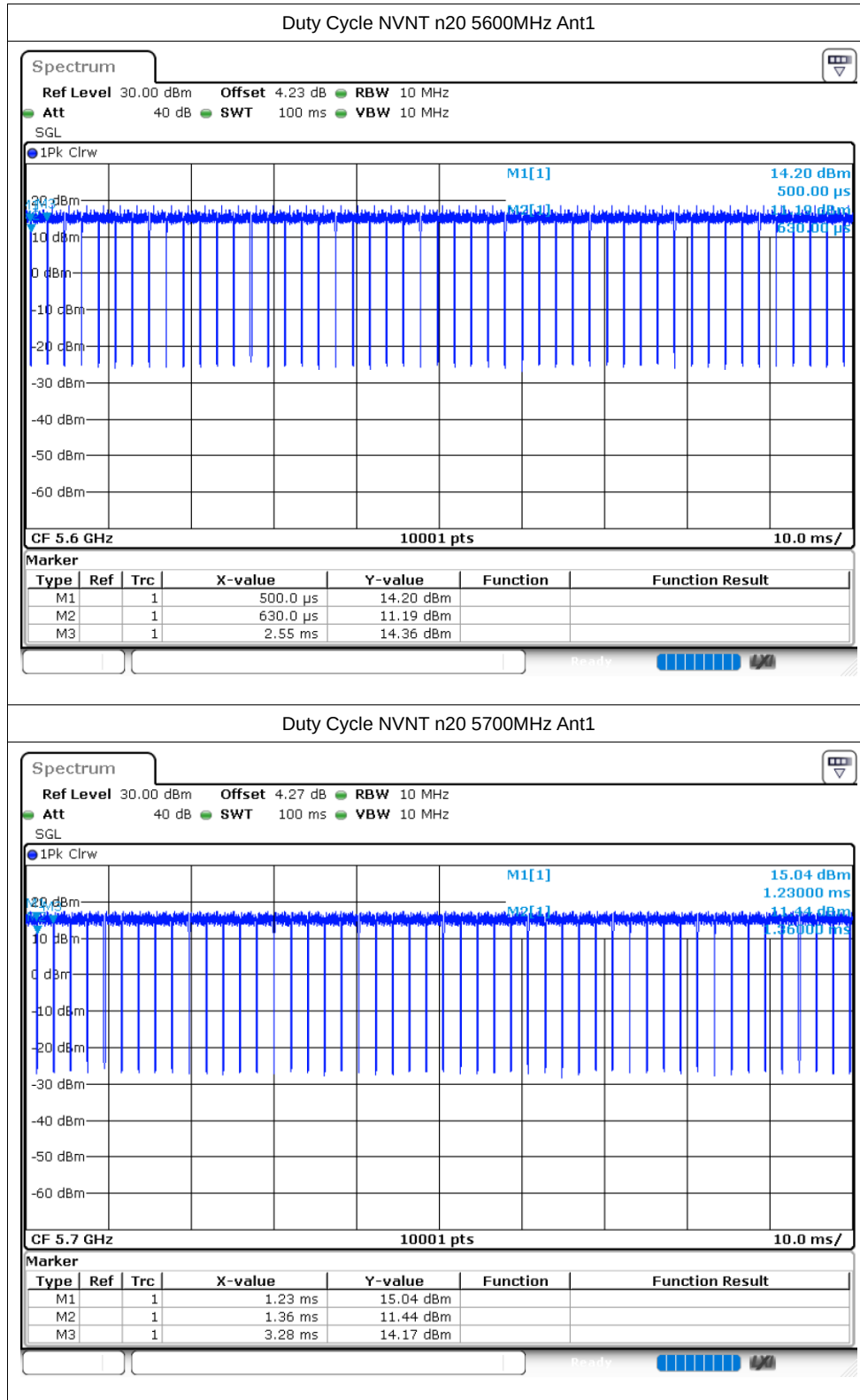
Duty Cycle NVNT a 5500MHz Ant1

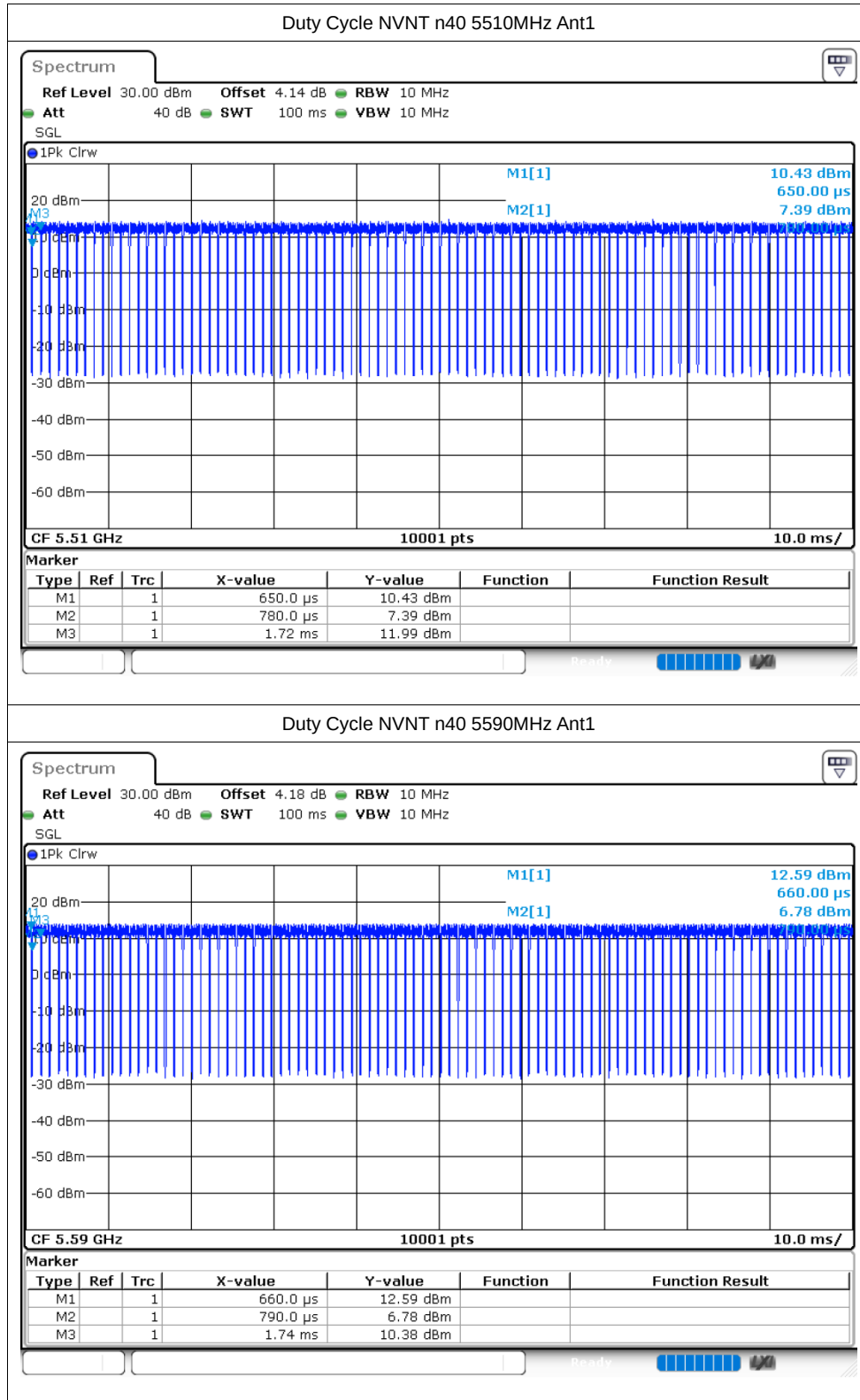


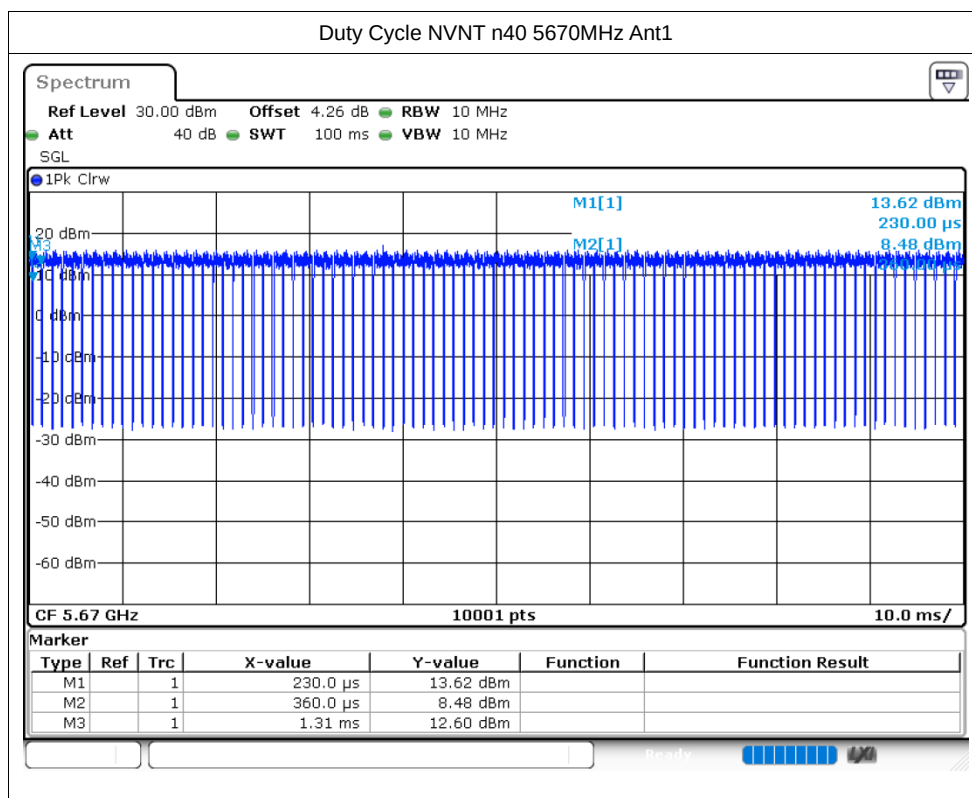
Duty Cycle NVNT a 5600MHz Ant1











Maximum Conducted Output Power

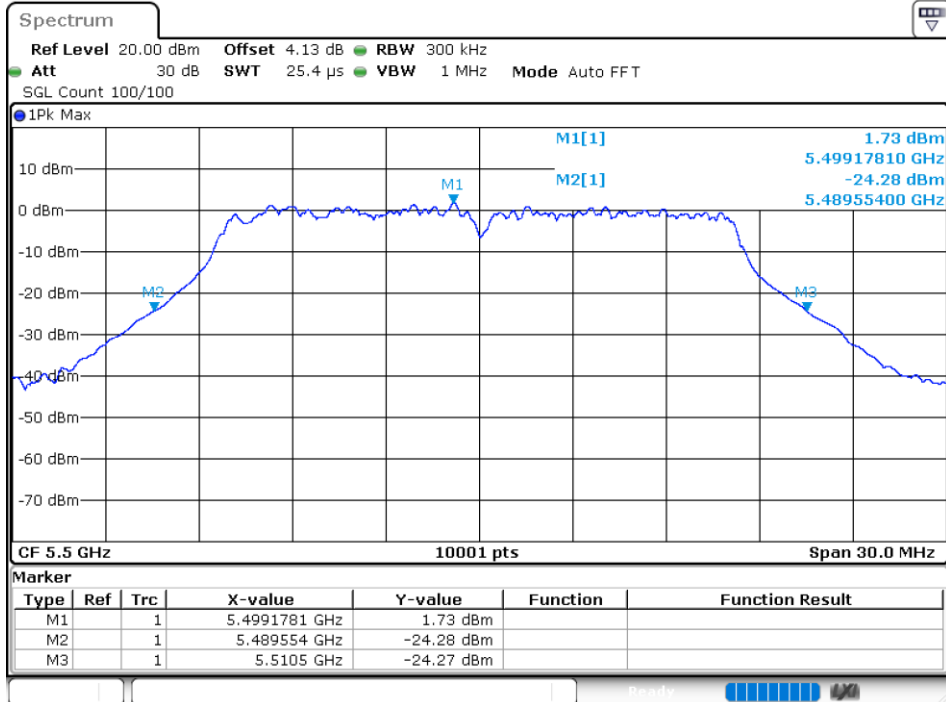
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	11.99	24	Pass
NVNT	a	5600	Ant1	11.2	24	Pass
NVNT	a	5700	Ant1	11.93	24	Pass
NVNT	n20	5500	Ant1	11.93	24	Pass
NVNT	n20	5600	Ant1	11.1	24	Pass
NVNT	n20	5700	Ant1	12.03	24	Pass
NVNT	n40	5510	Ant1	11.48	24	Pass
NVNT	n40	5590	Ant1	10.28	24	Pass
NVNT	n40	5670	Ant1	12.26	24	Pass

-26dB Bandwidth

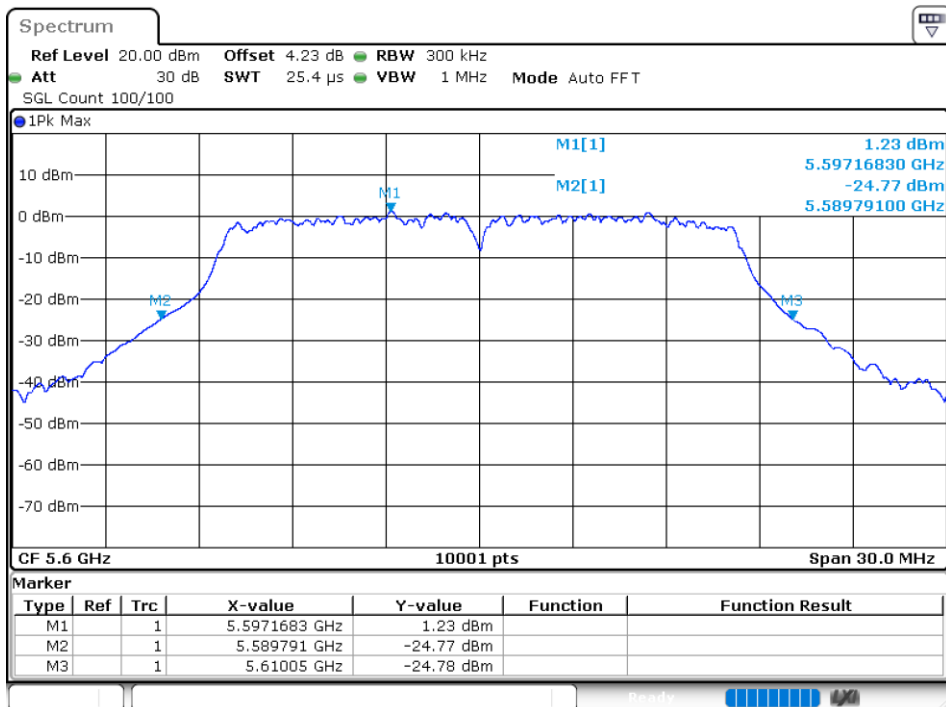
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.946	Pass
NVNT	a	5600	Ant1	20.259	Pass
NVNT	a	5700	Ant1	20.832	Pass
NVNT	n20	5500	Ant1	21.444	Pass
NVNT	n20	5600	Ant1	21.267	Pass
NVNT	n20	5700	Ant1	21.723	Pass
NVNT	n40	5510	Ant1	39.15	Pass
NVNT	n40	5590	Ant1	39.03	Pass
NVNT	n40	5670	Ant1	38.682	Pass

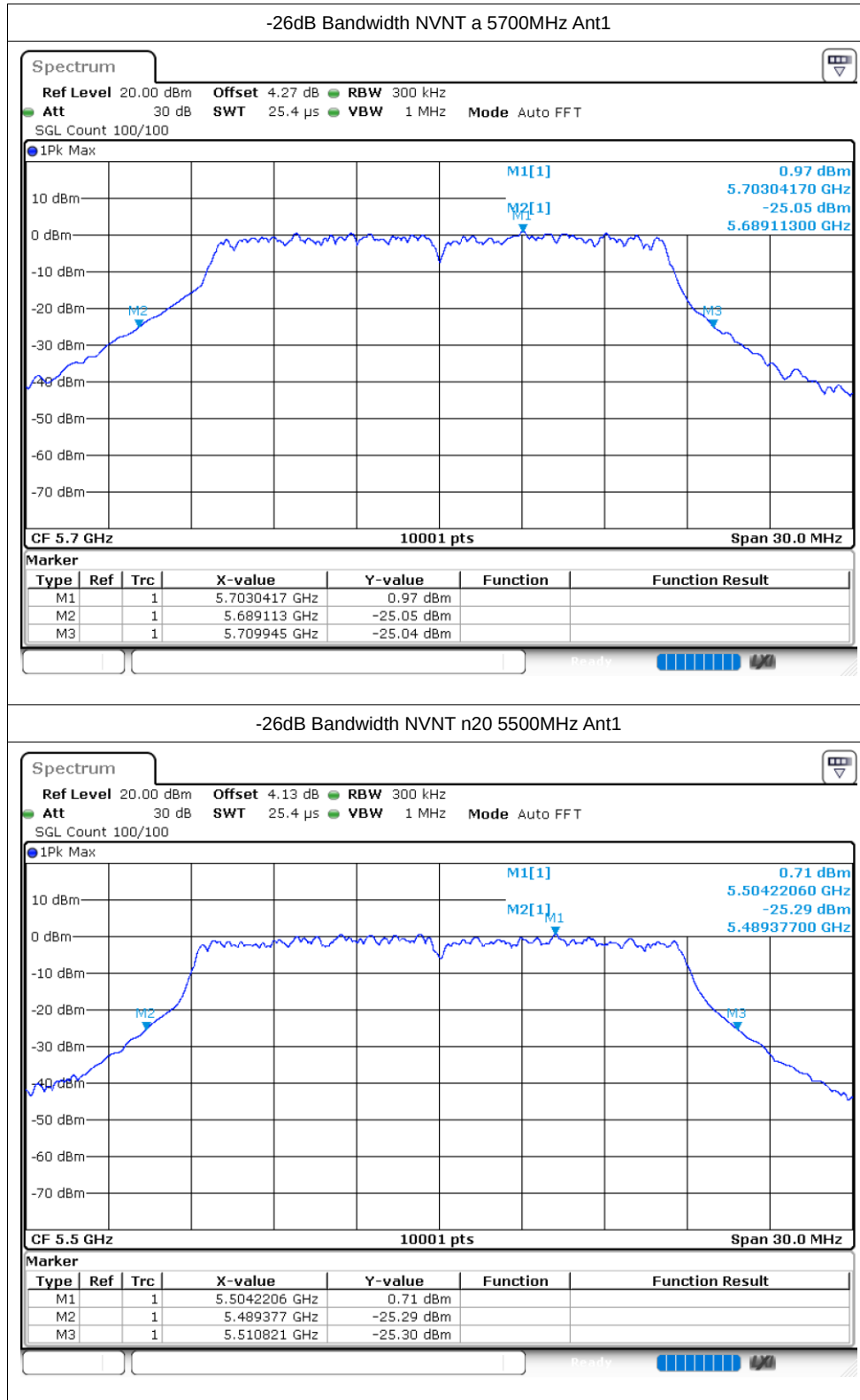
Test Graphs

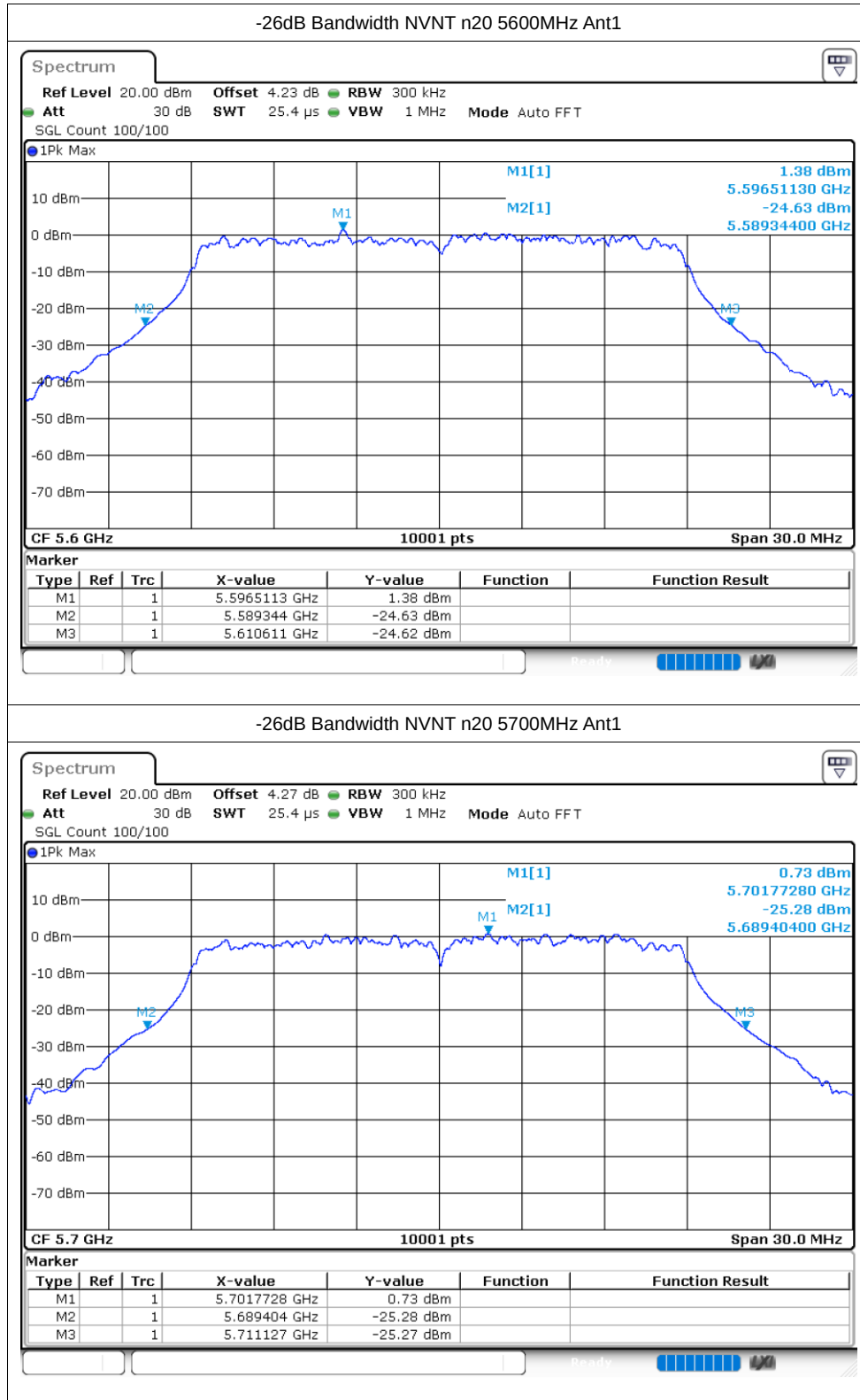
-26dB Bandwidth NVNT a 5500MHz Ant1

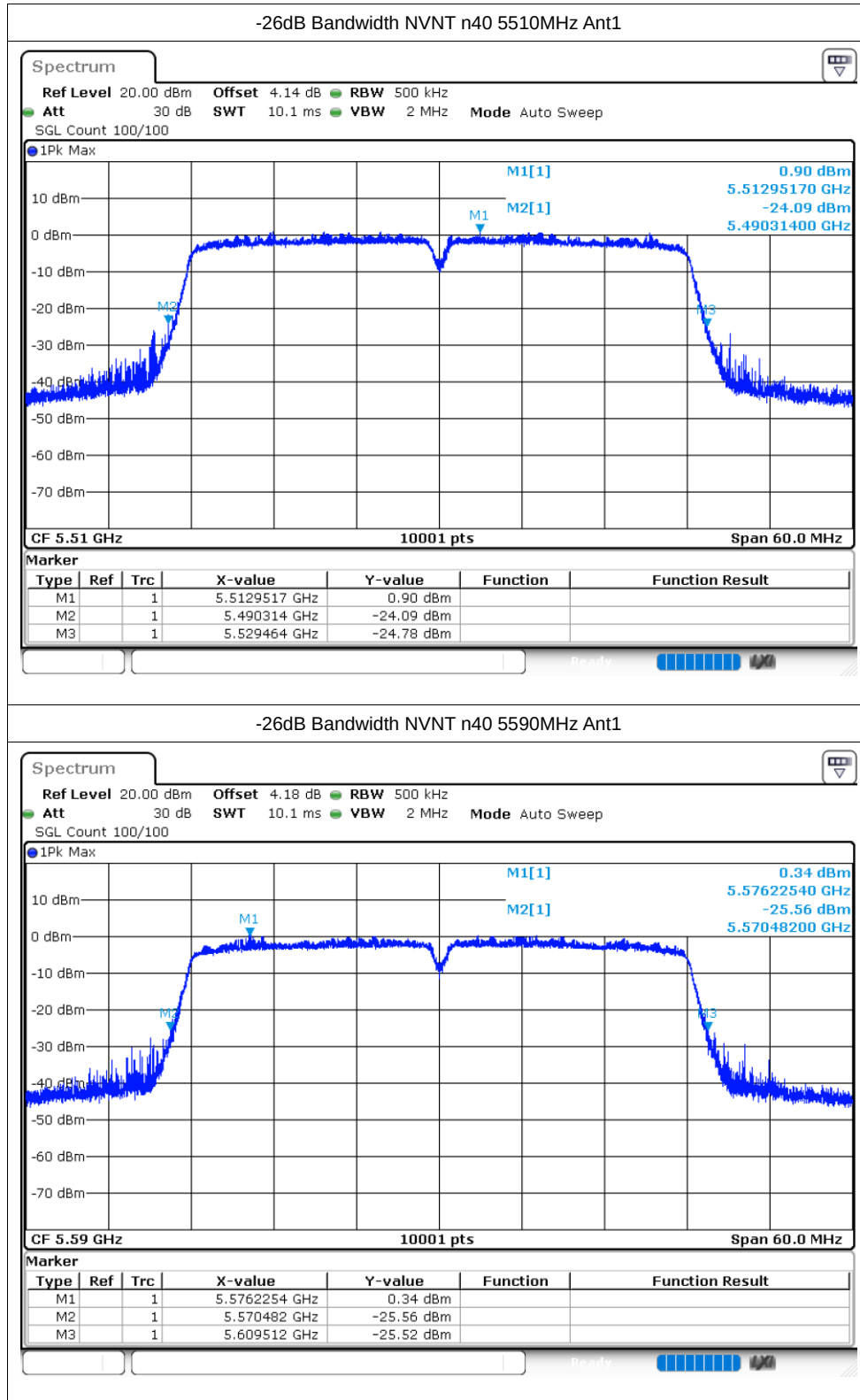


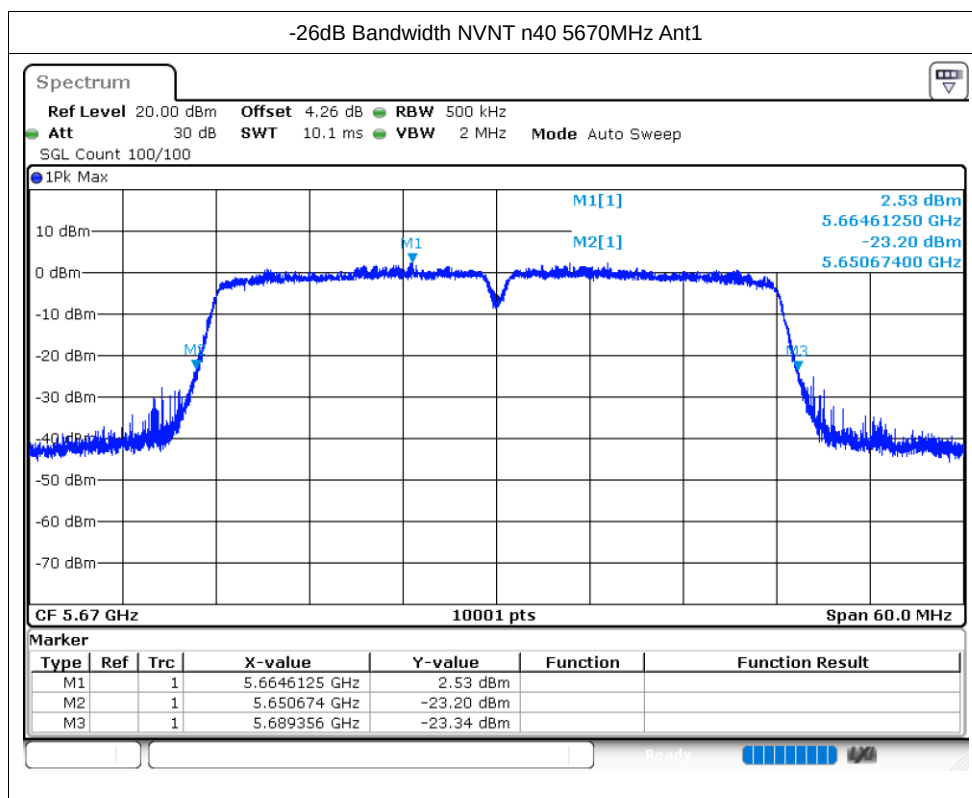
-26dB Bandwidth NVNT a 5600MHz Ant1









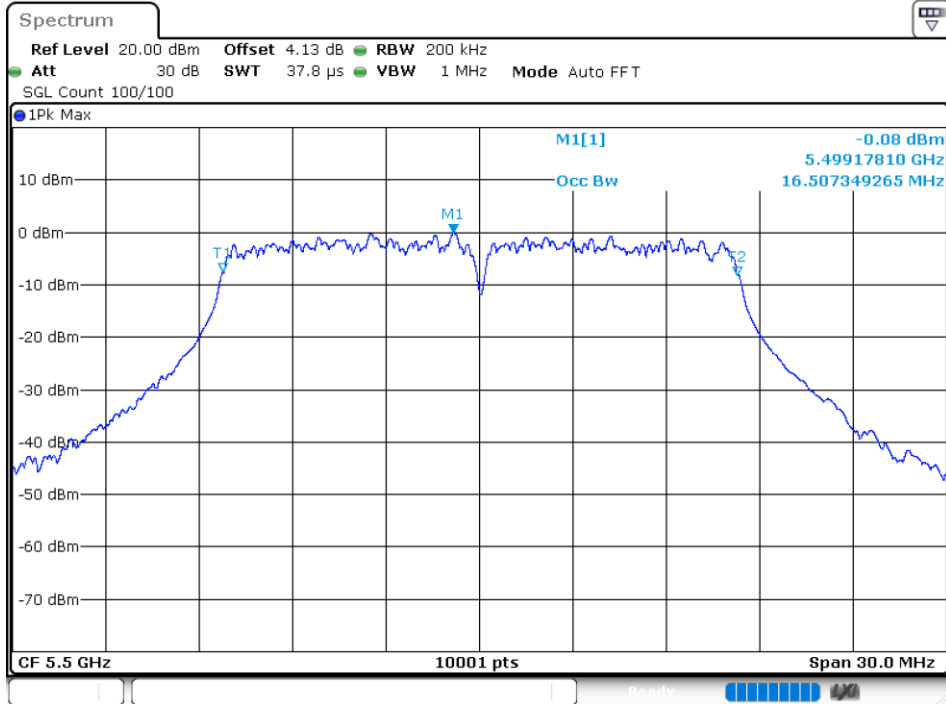


Occupied Channel Bandwidth

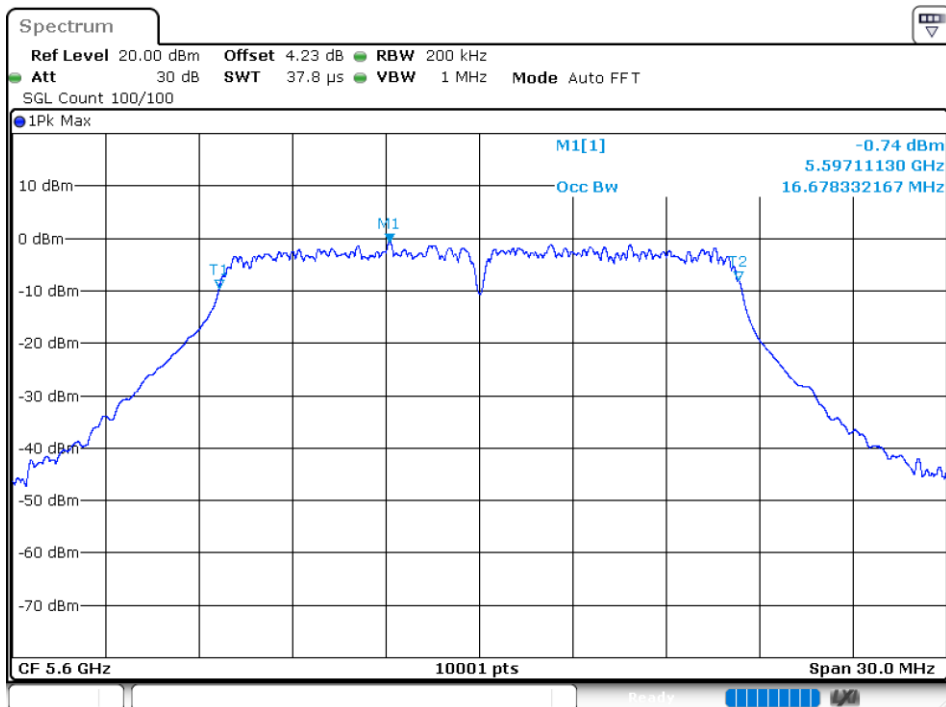
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.507
NVNT	a	5600	Ant1	16.678
NVNT	a	5700	Ant1	16.678
NVNT	n20	5500	Ant1	17.566
NVNT	n20	5600	Ant1	17.692
NVNT	n20	5700	Ant1	17.74
NVNT	n40	5510	Ant1	35.834
NVNT	n40	5590	Ant1	35.798
NVNT	n40	5670	Ant1	35.756

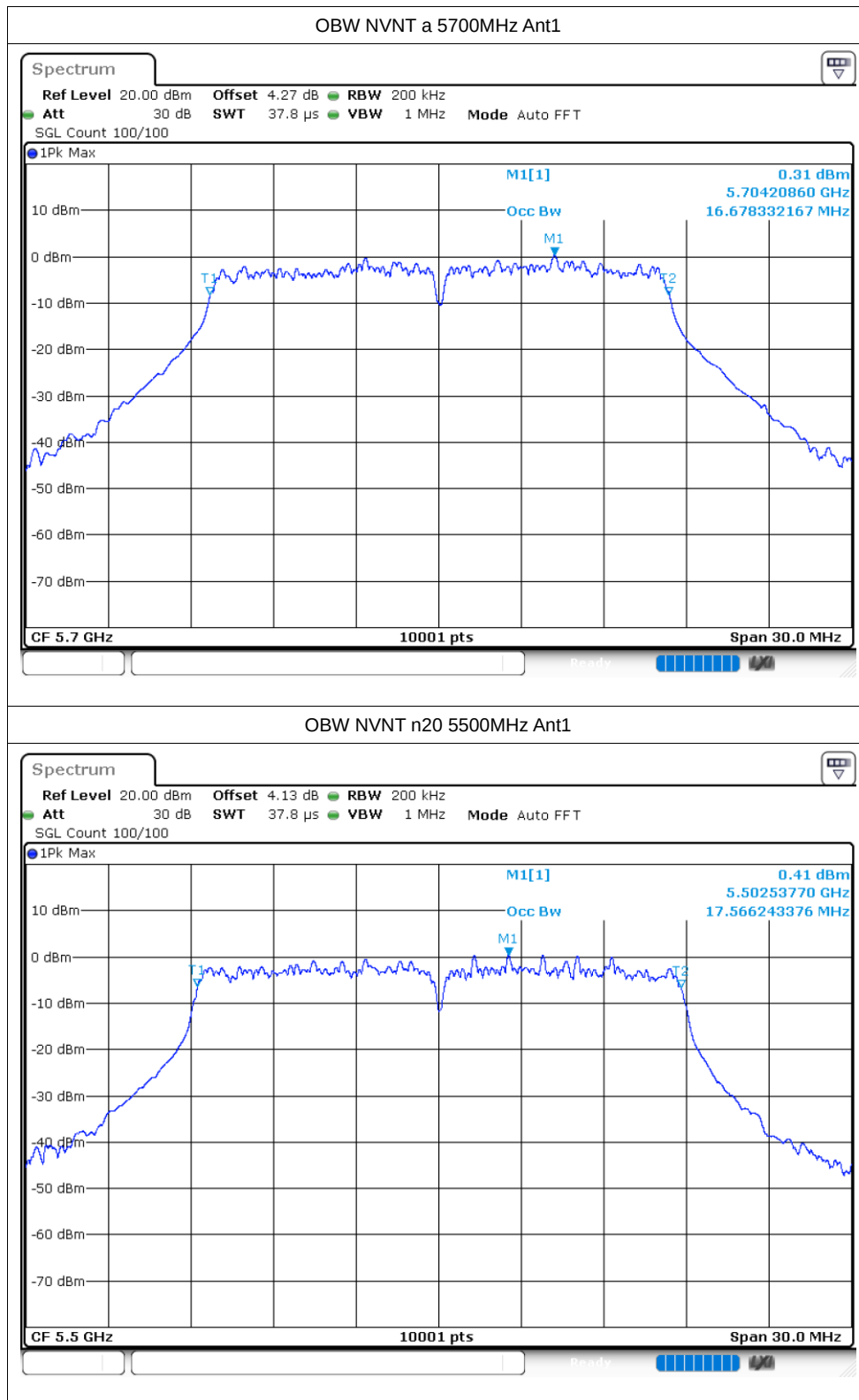
Test Graphs

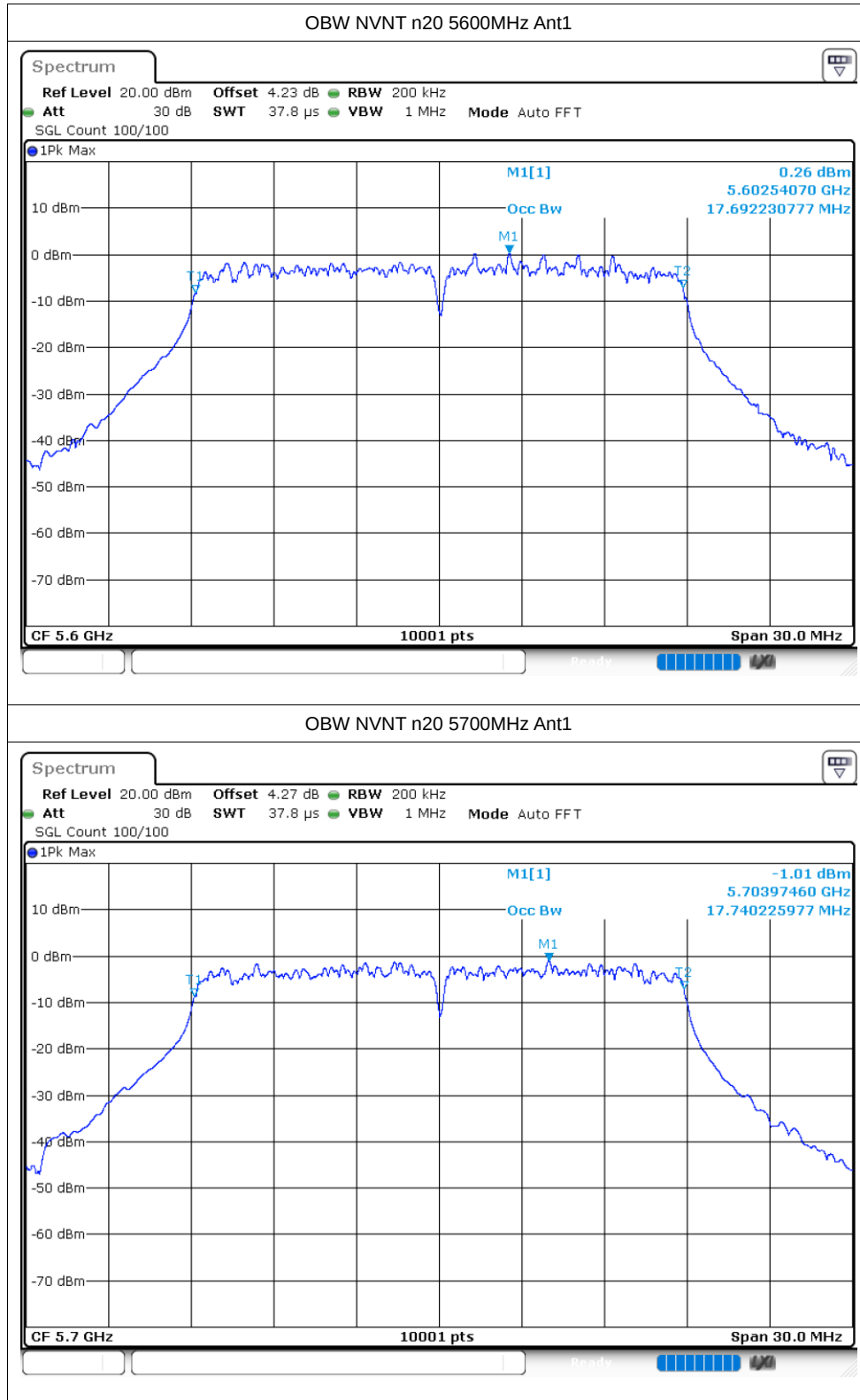
OBW NVNT a 5500MHz Ant1

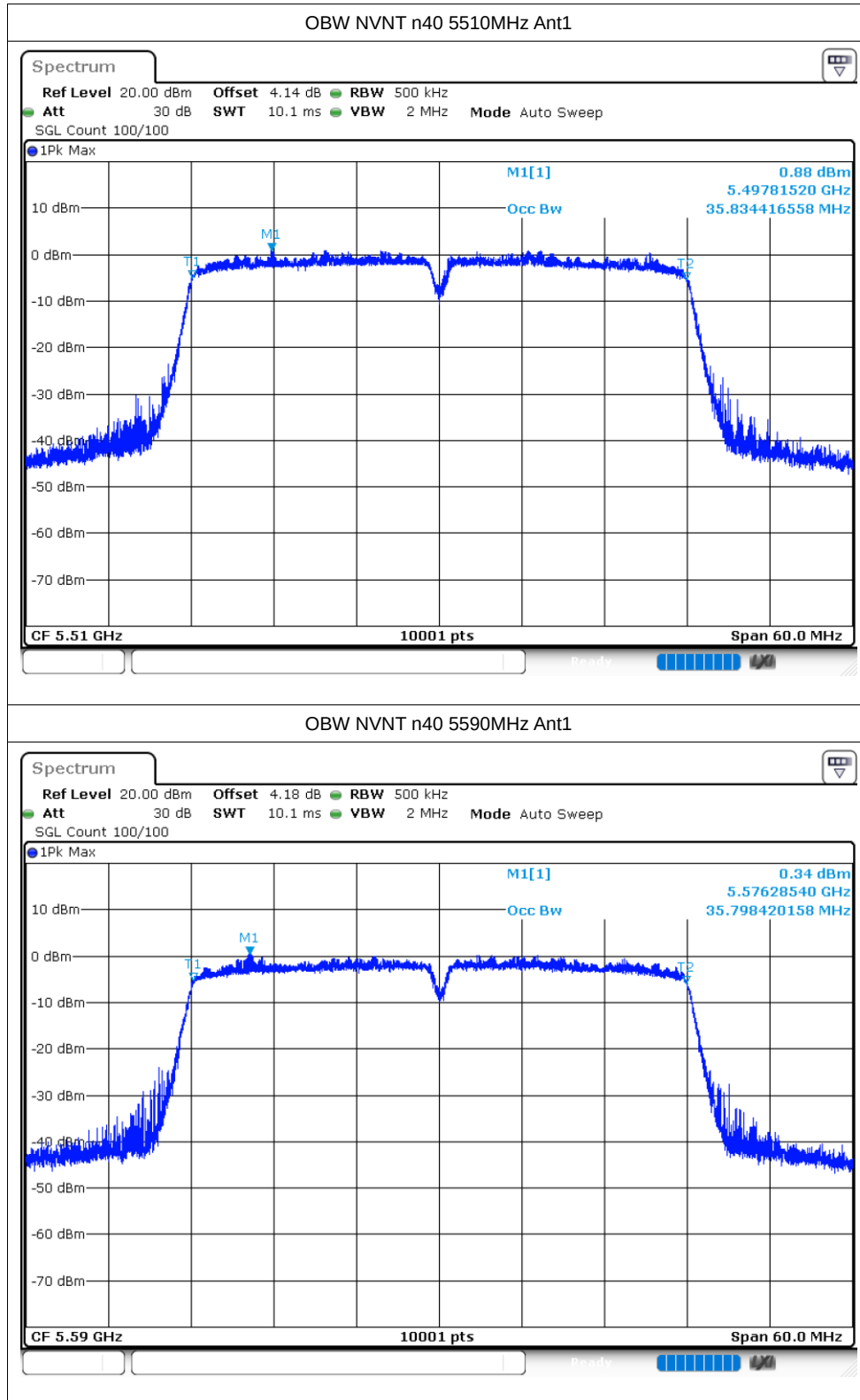


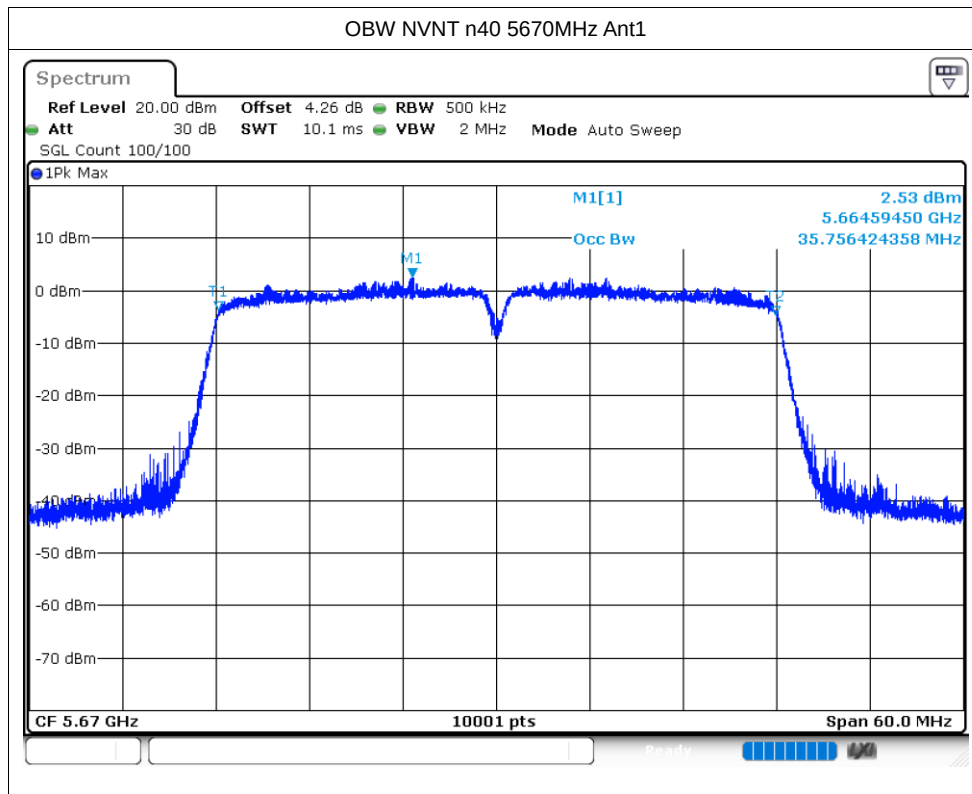
OBW NVNT a 5600MHz Ant1









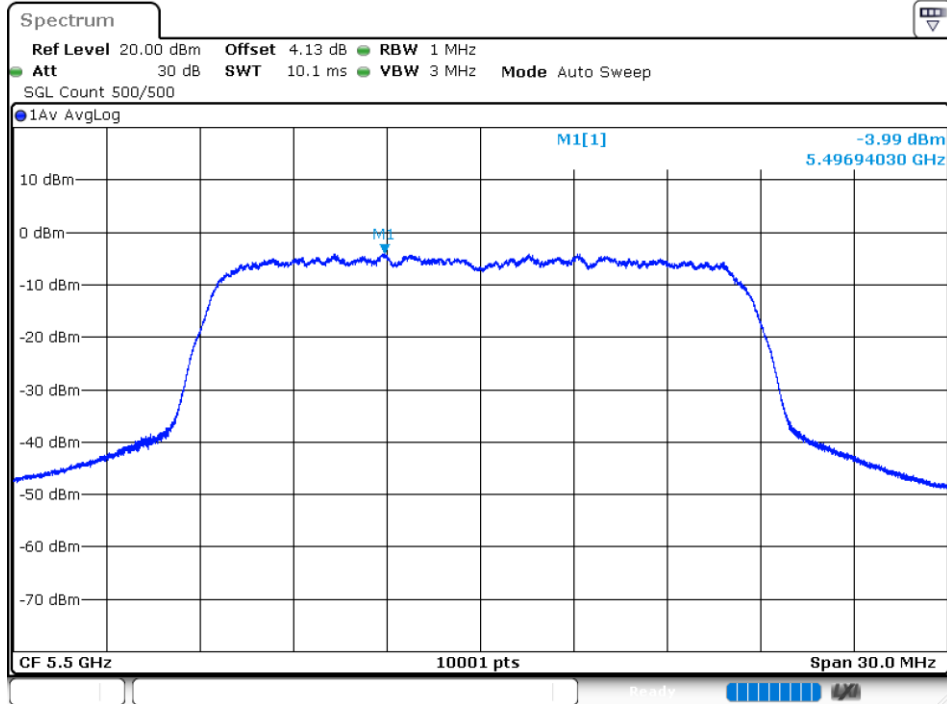


Maximum Power Spectral Density Level

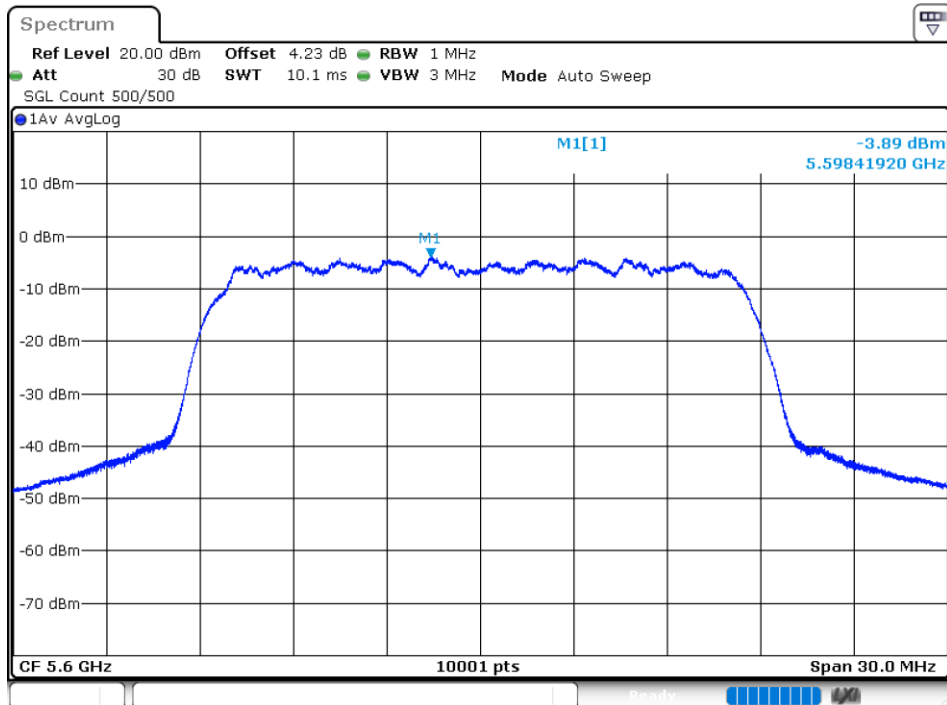
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-3.99	0.25	-3.74	11	Pass
NVNT	a	5600	Ant1	-3.89	0.24	-3.65	11	Pass
NVNT	a	5700	Ant1	-4.48	0.25	-4.23	11	Pass
NVNT	n20	5500	Ant1	-4.58	0.26	-4.32	11	Pass
NVNT	n20	5600	Ant1	-4.44	0.26	-4.18	11	Pass
NVNT	n20	5700	Ant1	-4.77	0.26	-4.51	11	Pass
NVNT	n40	5510	Ant1	-10.76	0.52	-10.24	11	Pass
NVNT	n40	5590	Ant1	-10.59	0.52	-10.07	11	Pass
NVNT	n40	5670	Ant1	-9.34	0.51	-8.83	11	Pass

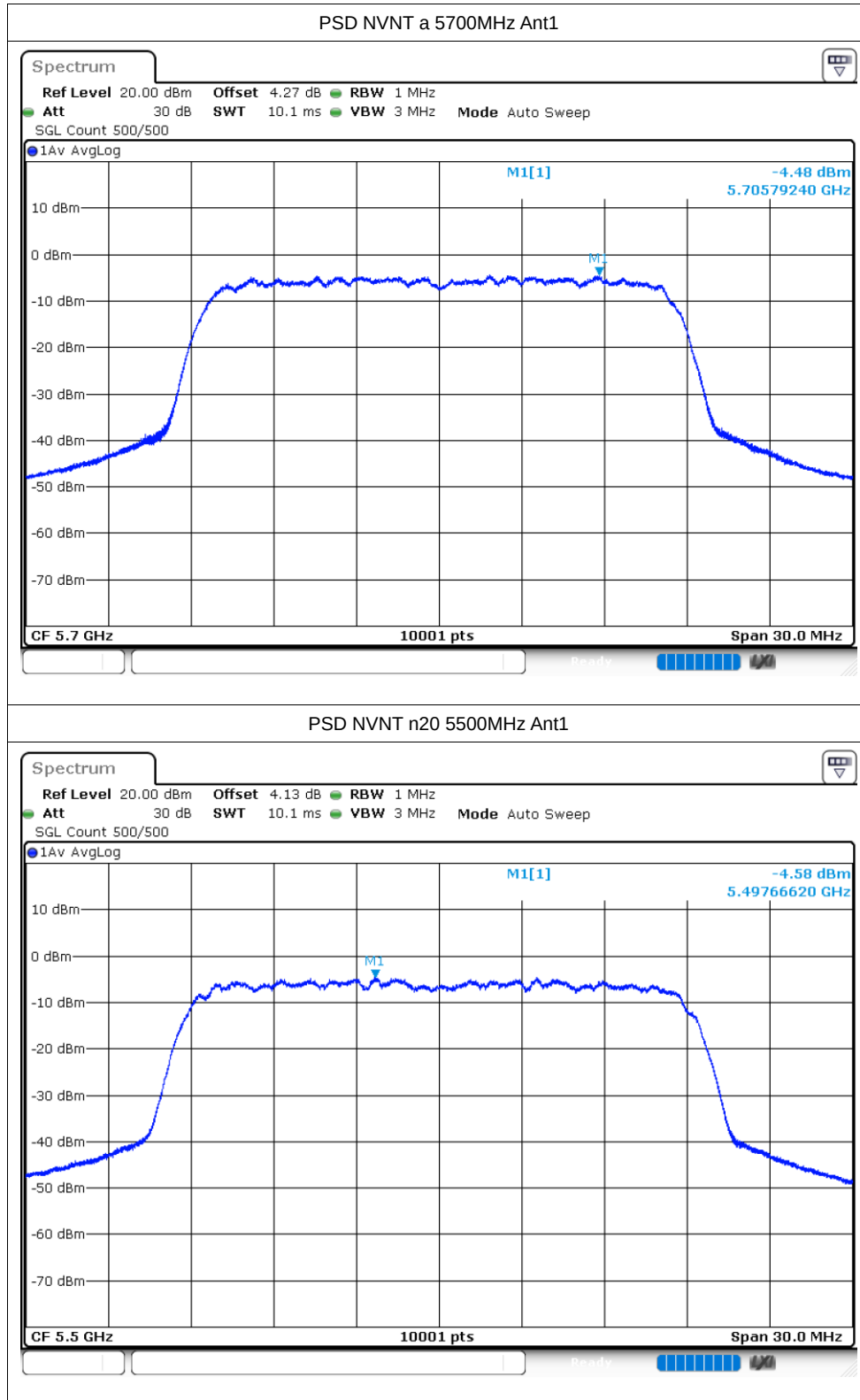
Test Graphs

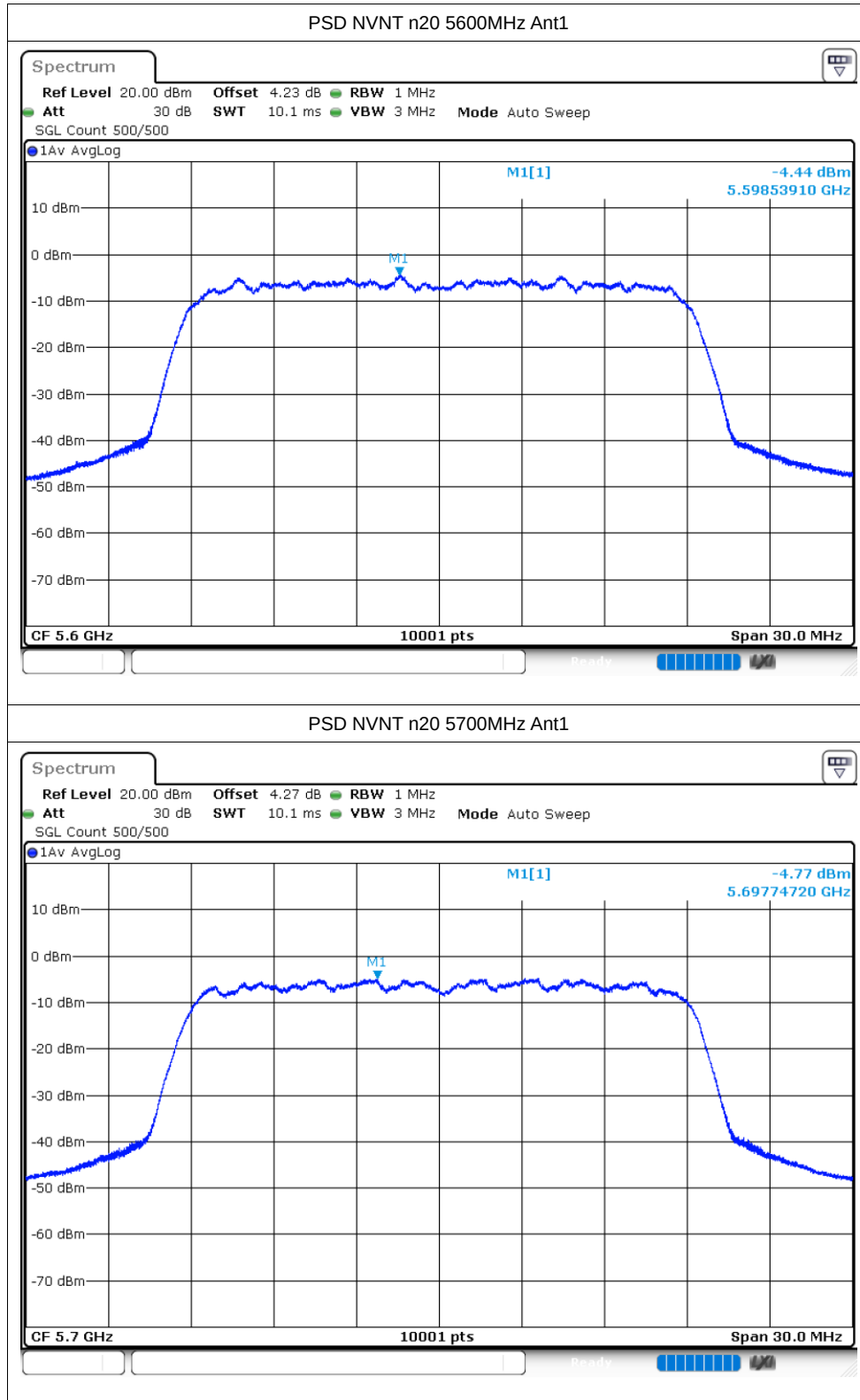
PSD NVNT a 5500MHz Ant1

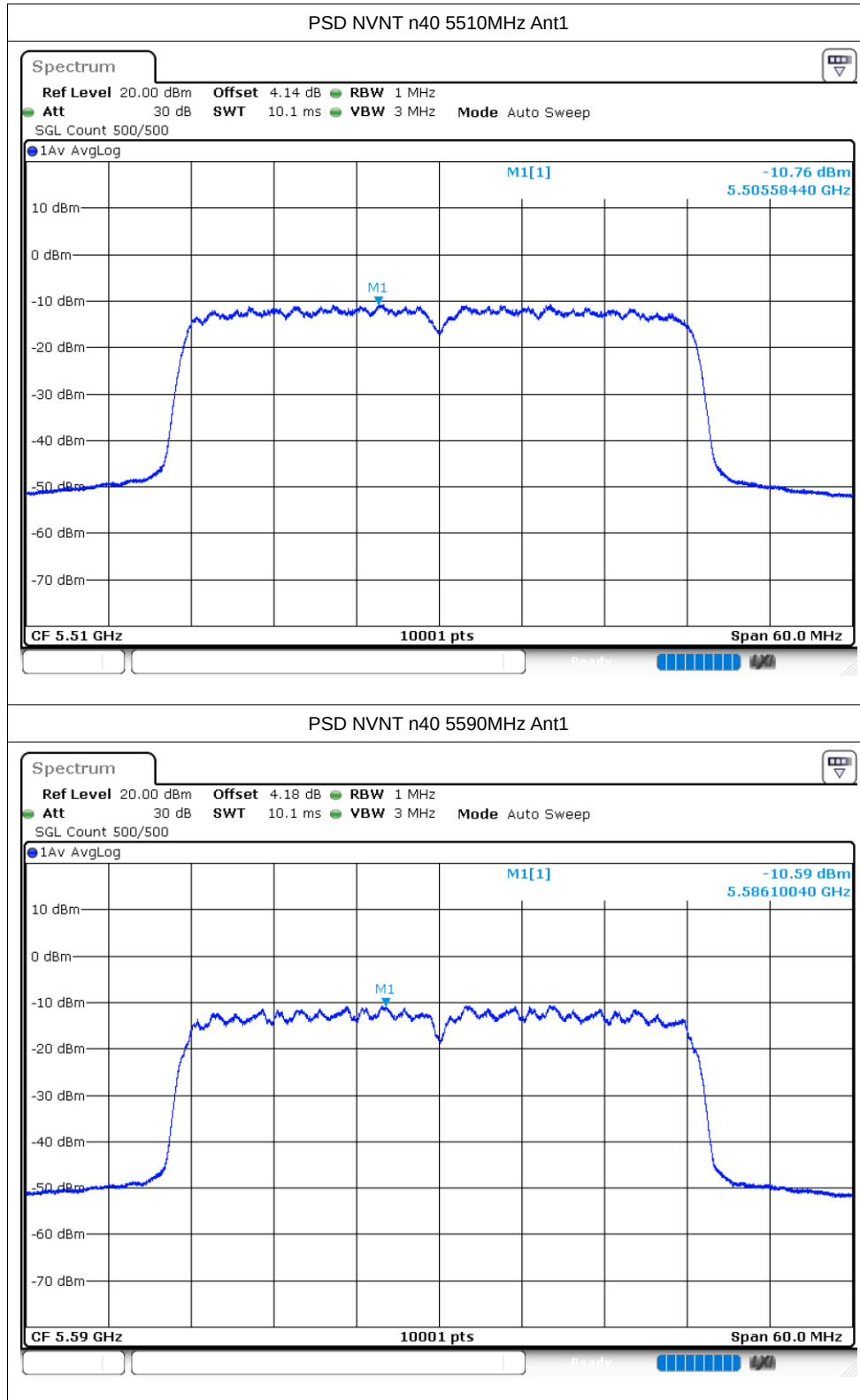


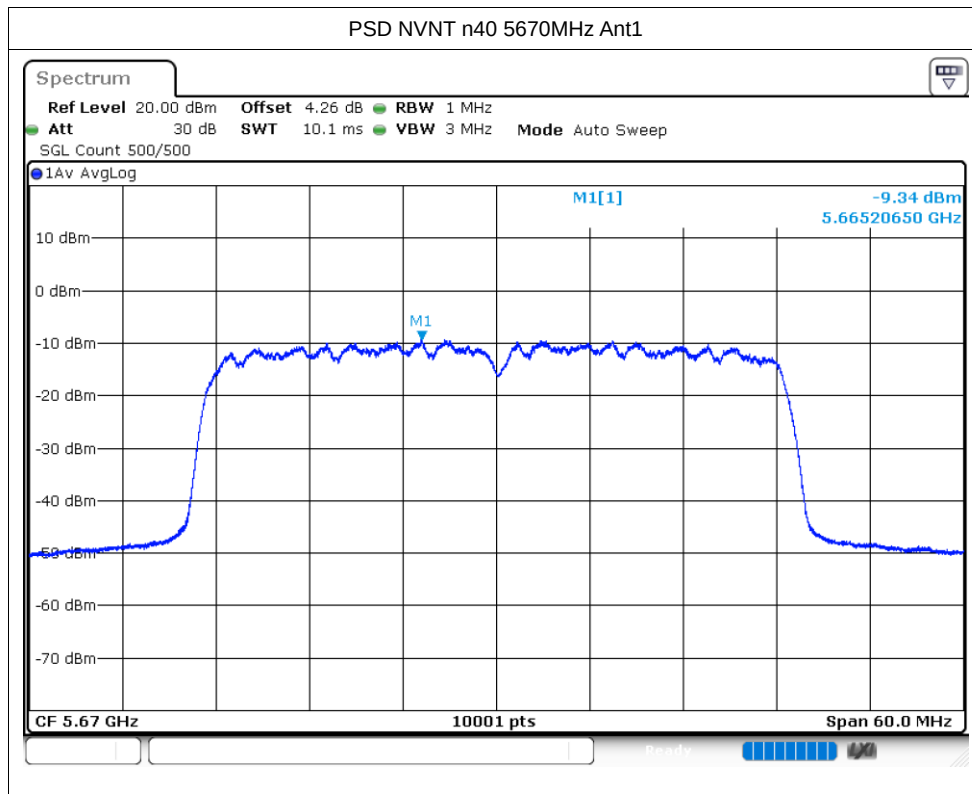
PSD NVNT a 5600MHz Ant1











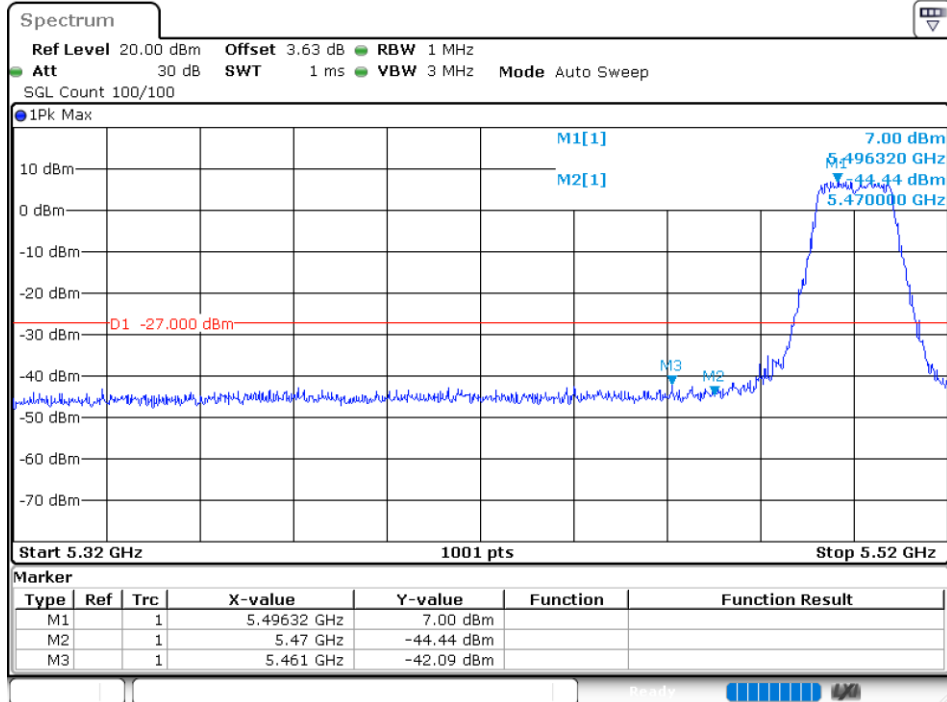
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-42.08	-27	Pass
NVNT	a	5700	Ant1	-40.2	-27	Pass
NVNT	n20	5500	Ant1	-41.19	-27	Pass
NVNT	n20	5700	Ant1	-40.39	-27	Pass
NVNT	n40	5510	Ant1	-41.68	-27	Pass
NVNT	n40	5670	Ant1	-41.49	-27	Pass

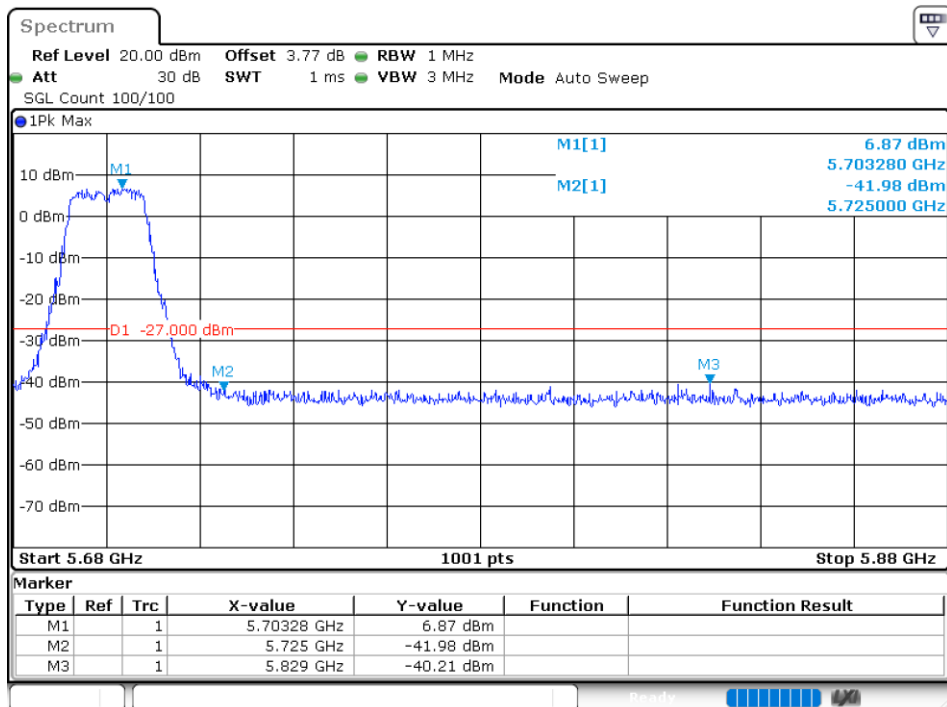
Note: This test has increased antenna gain .

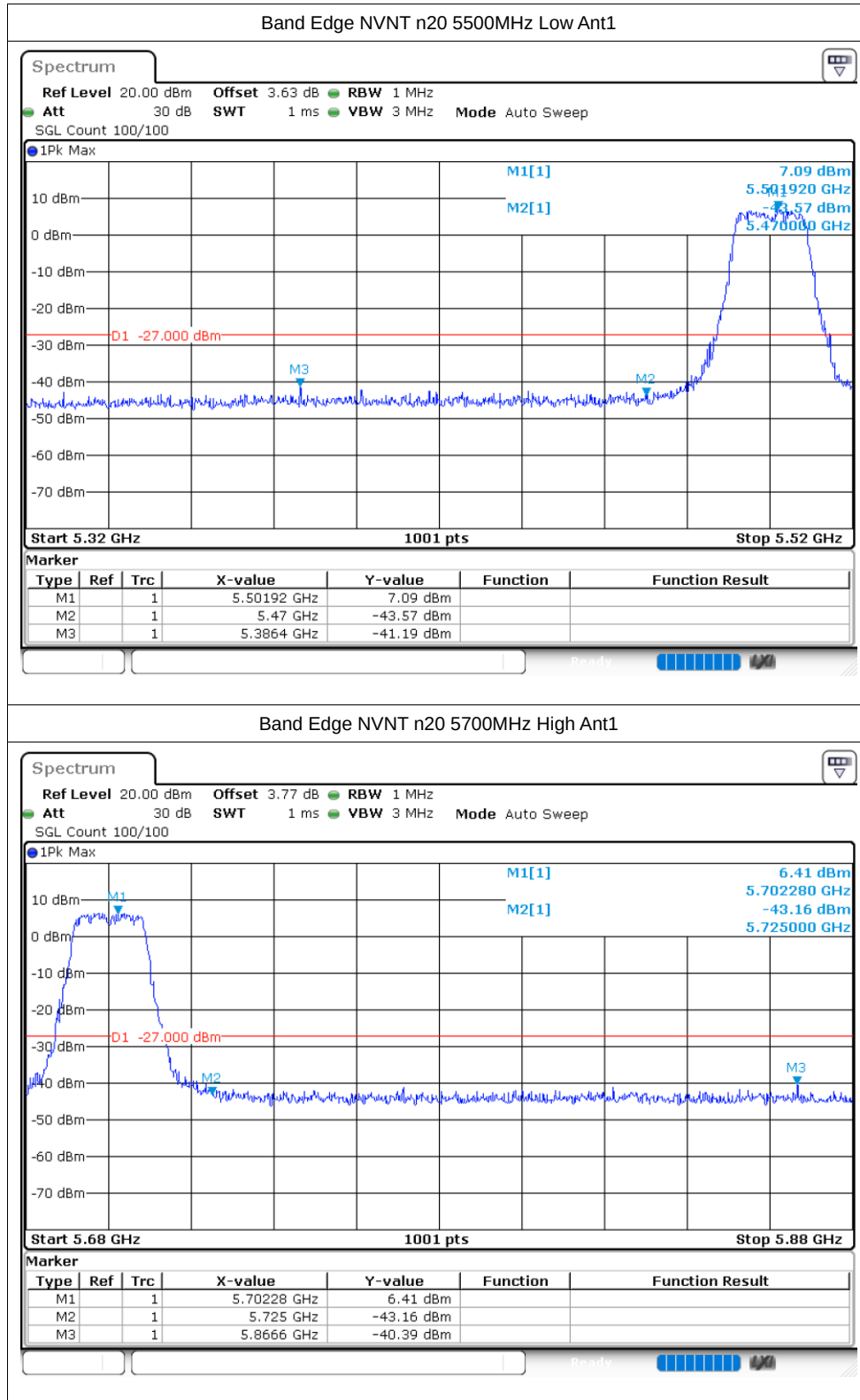
Test Graphs

Band Edge NVNT a 5500MHz Low Ant1

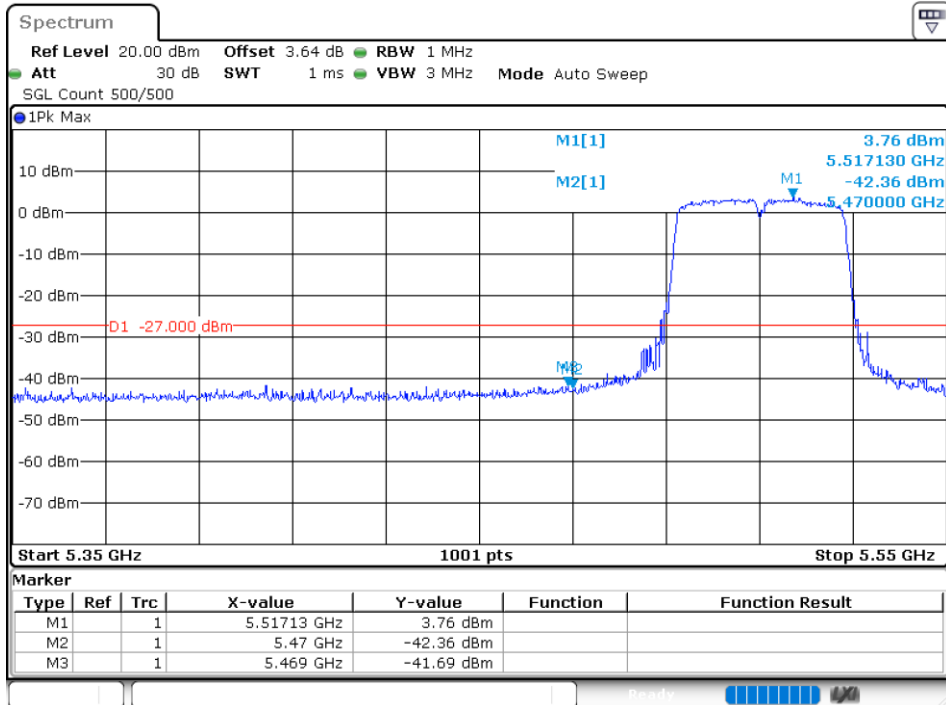


Band Edge NVNT a 5700MHz High Ant1

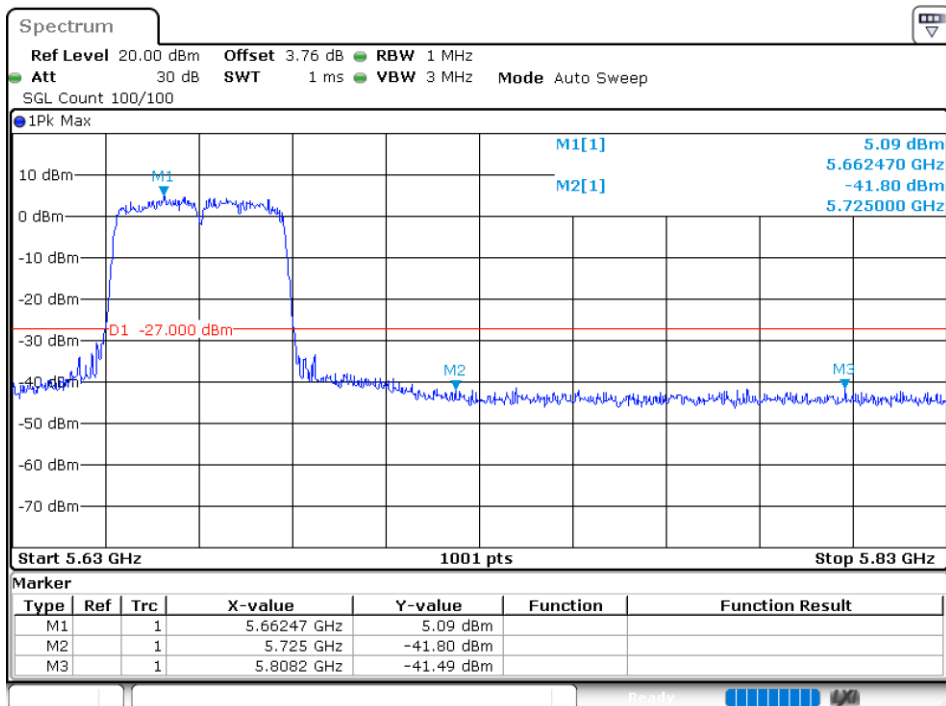




Band Edge NVNT n40 5510MHz Low Ant1



Band Edge NVNT n40 5670MHz High Ant1



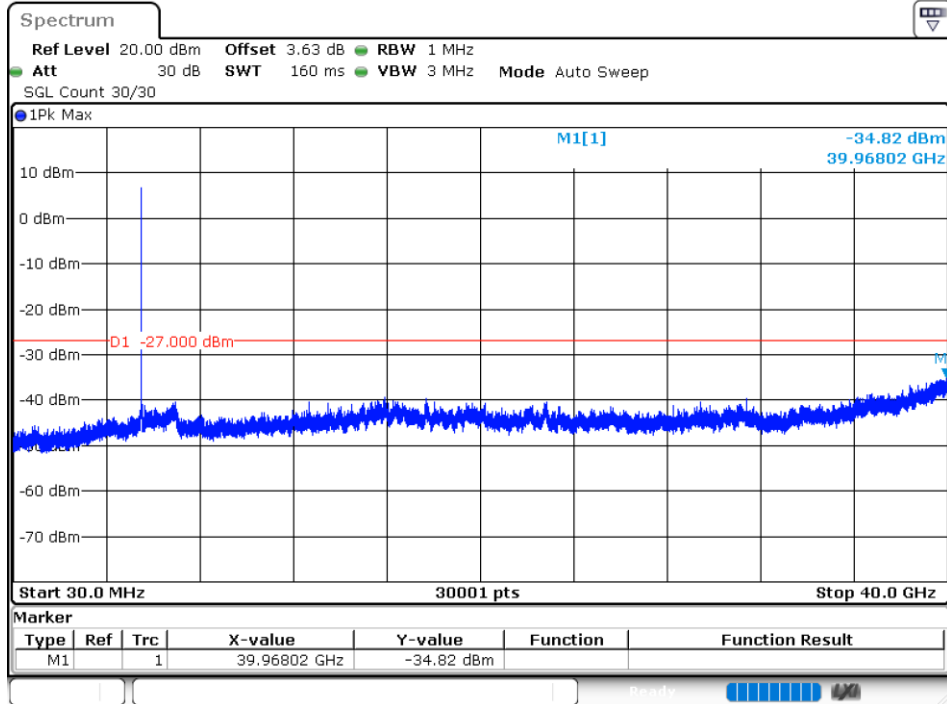
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-34.81	-27	Pass
NVNT	a	5600	Ant1	-33.79	-27	Pass
NVNT	a	5700	Ant1	-34.89	-27	Pass
NVNT	n20	5500	Ant1	-34.99	-27	Pass
NVNT	n20	5600	Ant1	-35.11	-27	Pass
NVNT	n20	5700	Ant1	-34.18	-27	Pass
NVNT	n40	5510	Ant1	-34.98	-27	Pass
NVNT	n40	5590	Ant1	-35.07	-27	Pass
NVNT	n40	5670	Ant1	-35.23	-27	Pass

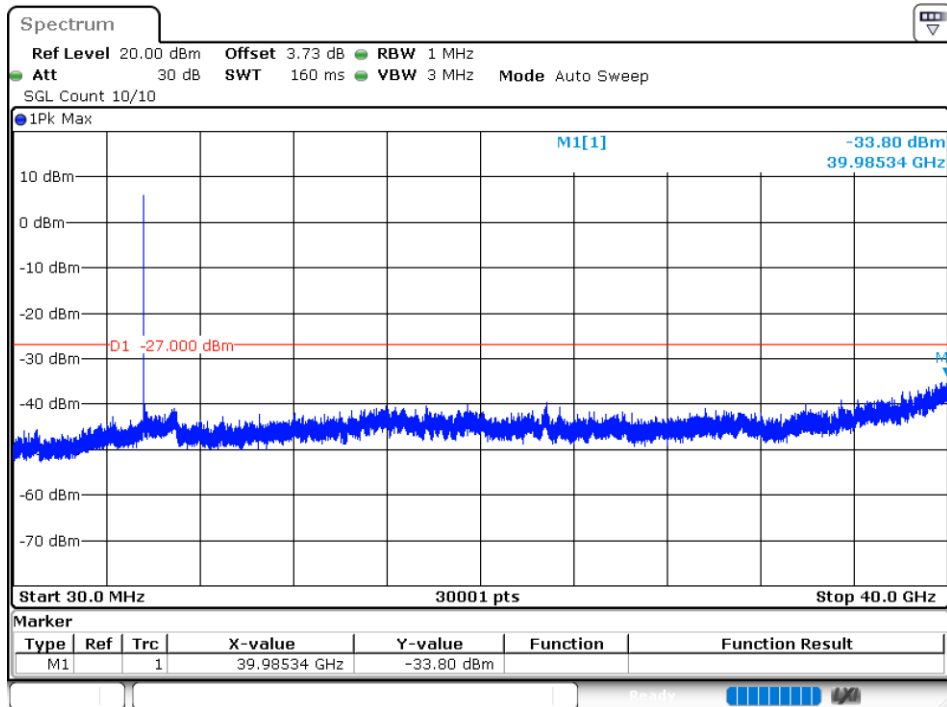
Note: This test has increased antenna gain .

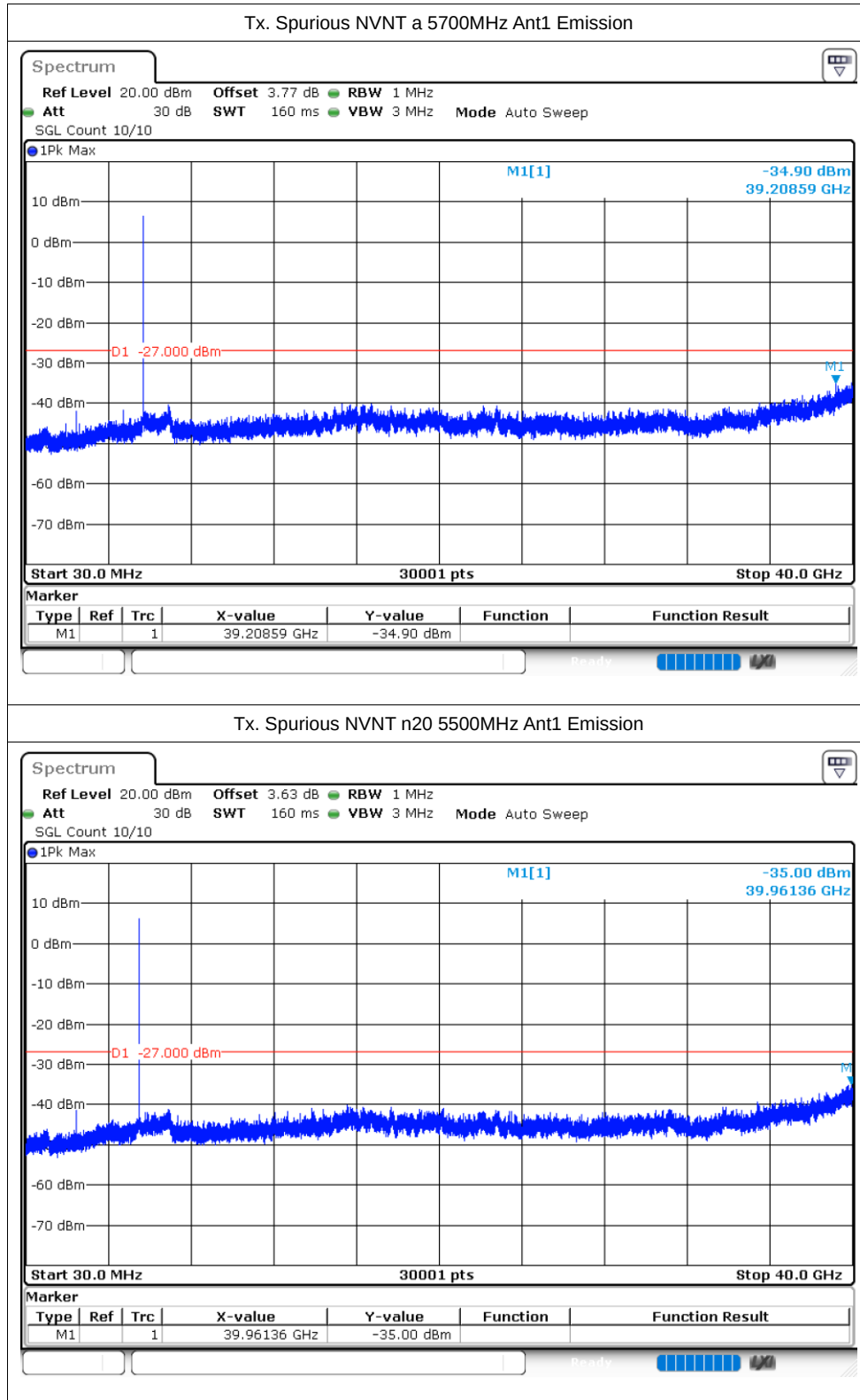
Test Graphs

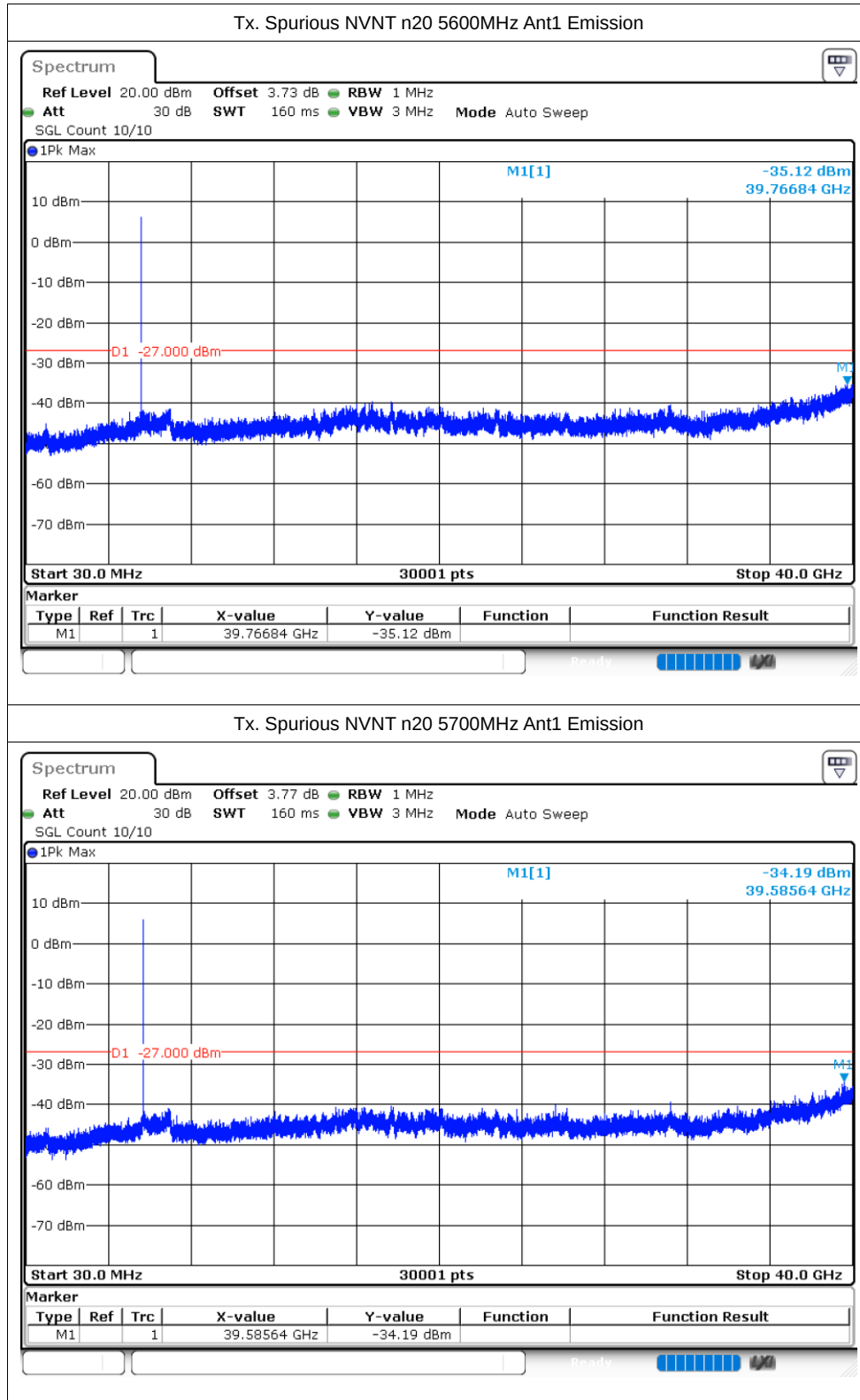
Tx. Spurious NVNT a 5500MHz Ant1 Emission

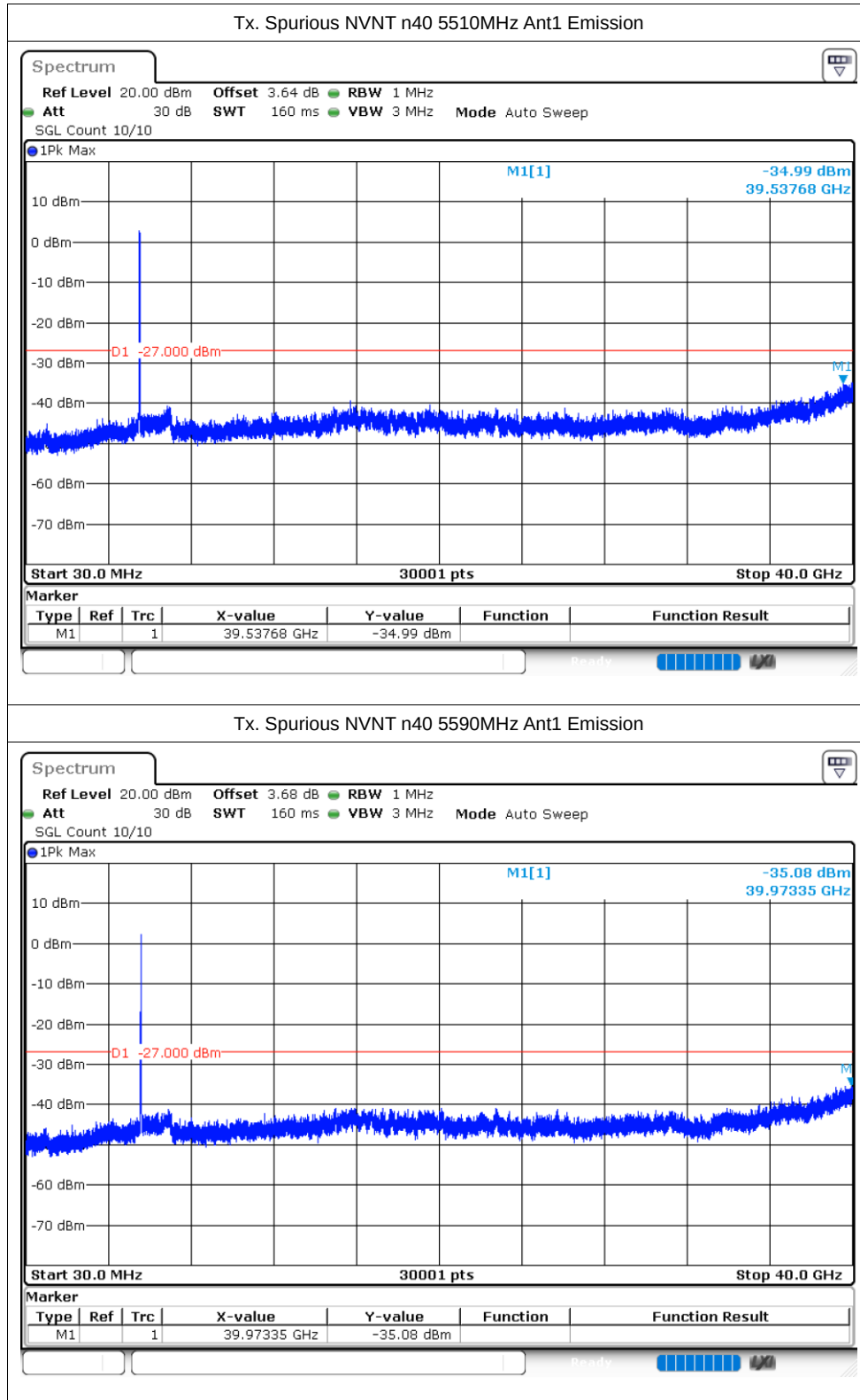


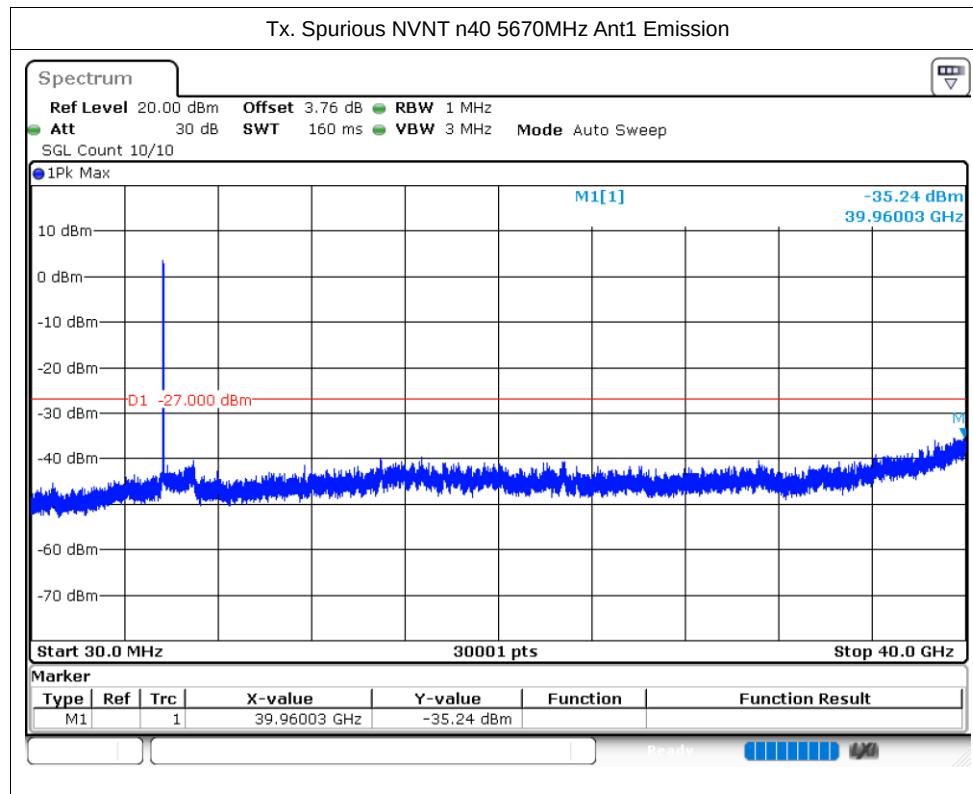
Tx. Spurious NVNT a 5600MHz Ant1 Emission











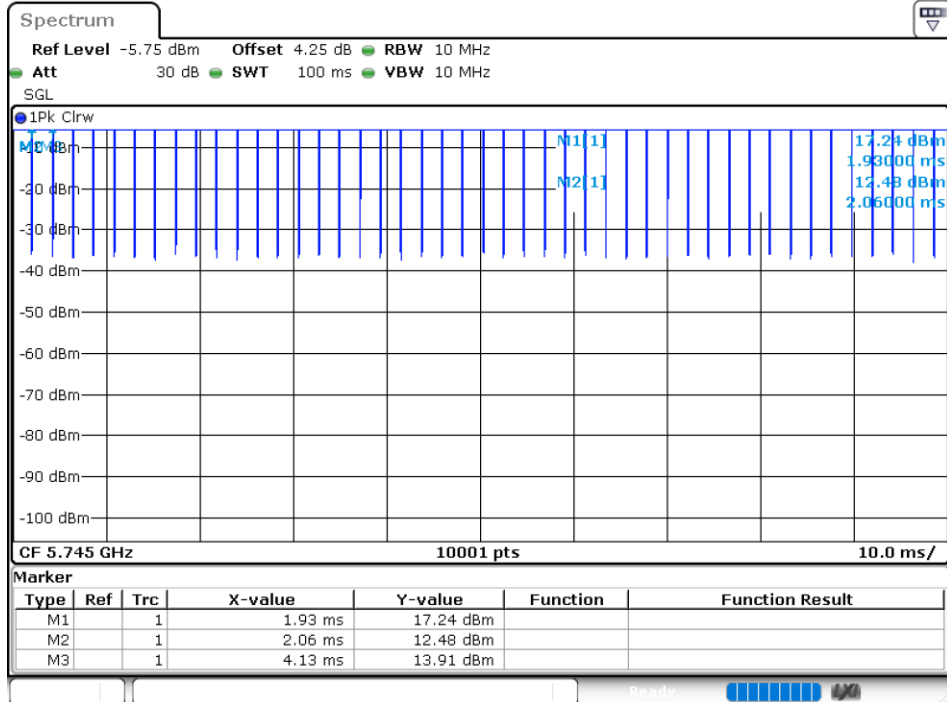
5.8G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	94.67	0.24	0.48
NVNT	a	5785	Ant1	94.6	0.24	0.48
NVNT	a	5825	Ant1	94.6	0.24	0.49
NVNT	n20	5745	Ant1	94.24	0.26	0.52
NVNT	n20	5785	Ant1	94.12	0.26	0.52
NVNT	n20	5825	Ant1	100	0	0
NVNT	n40	5755	Ant1	88.87	0.51	1.06
NVNT	n40	5795	Ant1	88.87	0.51	1.06

Test Graphs

Duty Cycle NVNT a 5745MHz Ant1



Duty Cycle NVNT a 5785MHz Ant1

