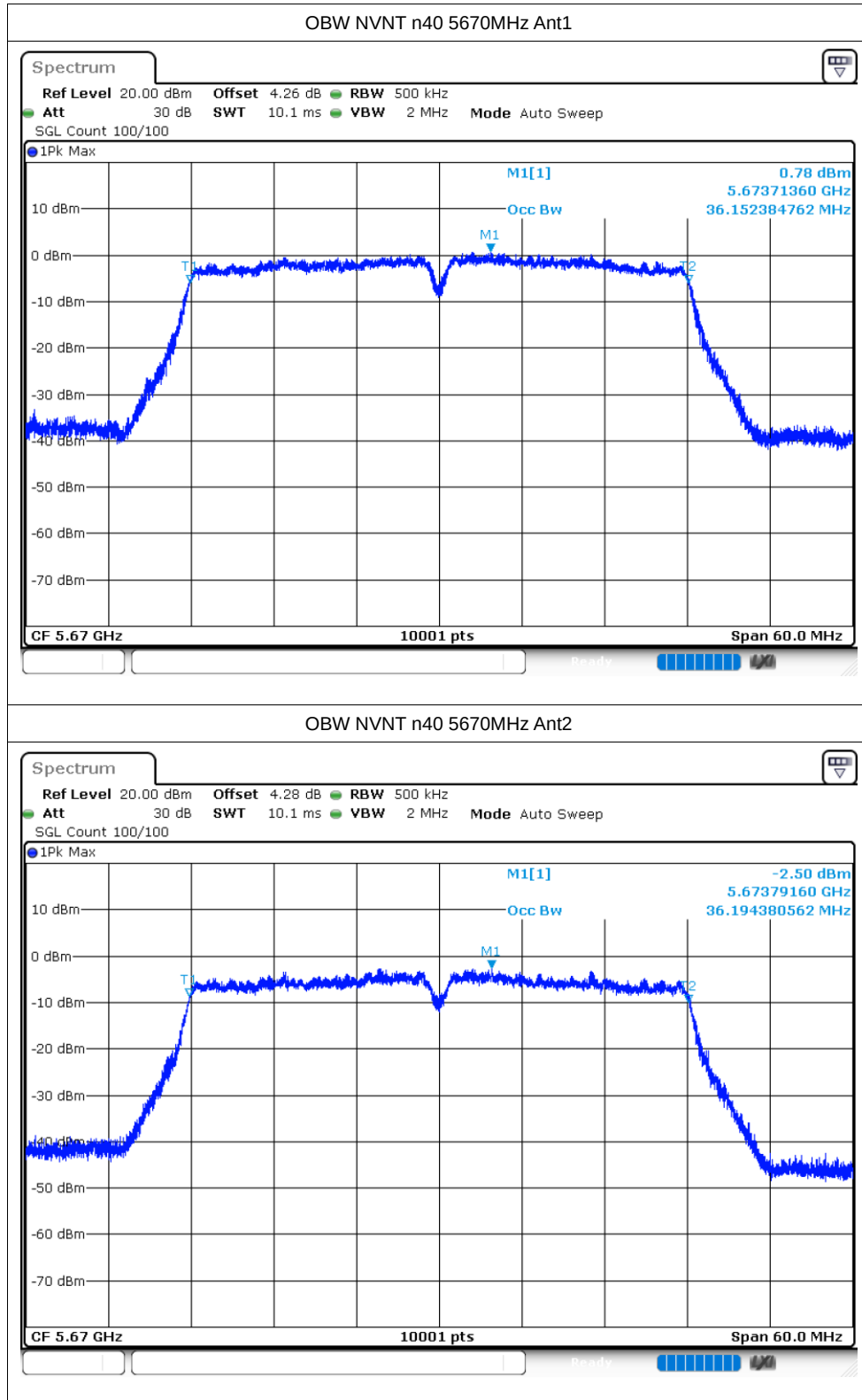




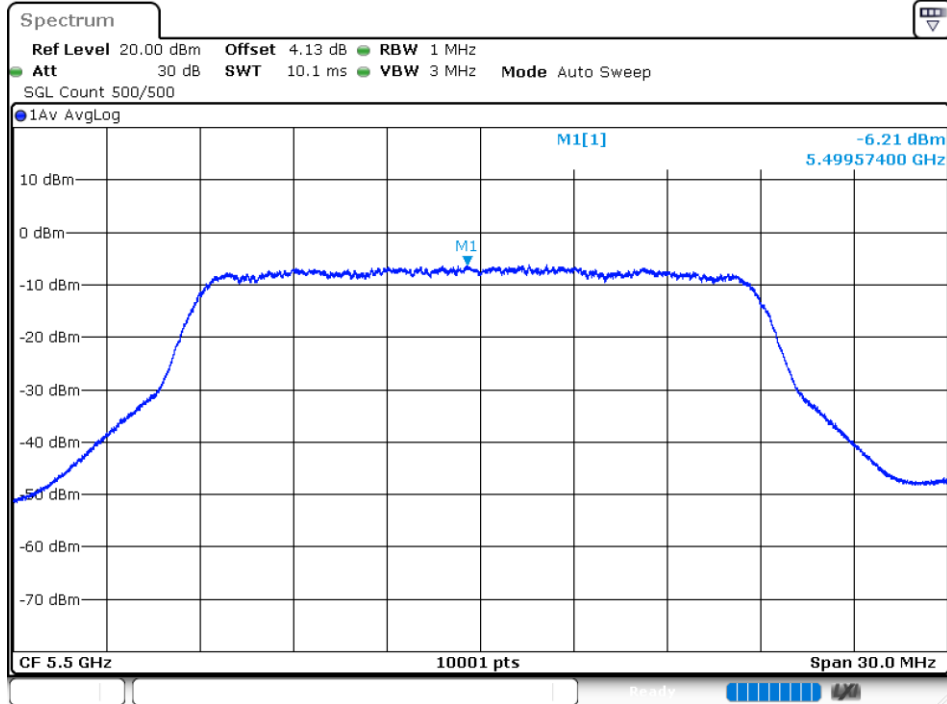
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5500	Ant1	-6.21	0.06	-6.15	8.81	Pass
NVNT	ac20	5500	Ant2	-5.02	0.06	-4.96	8.81	Pass
NVNT	ac20	5500	Sum	/	/	-2.50	8.81	Pass
NVNT	ac20	5600	Ant1	-2.4	0.01	-2.39	8.81	Pass
NVNT	ac20	5600	Ant2	-4.47	0.06	-4.41	8.81	Pass
NVNT	ac20	5600	Sum	/	/	-0.27	8.81	Pass
NVNT	ac20	5700	Ant1	-2.4	0.04	-2.36	8.81	Pass
NVNT	ac20	5700	Ant2	-5.22	0.06	-5.16	8.81	Pass
NVNT	ac20	5700	Sum	/	/	-0.53	8.81	Pass
NVNT	ac40	5510	Ant1	-9.28	0.1	-9.18	8.81	Pass
NVNT	ac40	5510	Ant2	-9.07	0.12	-8.95	8.81	Pass
NVNT	ac40	5510	Sum	/	/	-6.05	8.81	Pass
NVNT	ac40	5590	Ant1	-7.98	0.1	-7.88	8.81	Pass
NVNT	ac40	5590	Ant2	-8.93	0.12	-8.81	8.81	Pass
NVNT	ac40	5590	Sum	/	/	-5.31	8.81	Pass
NVNT	ac40	5670	Ant1	-5.61	0.08	-5.53	8.81	Pass
NVNT	ac40	5670	Ant2	-9	0.12	-8.88	8.81	Pass
NVNT	ac40	5670	Sum	/	/	-3.88	8.81	Pass
NVNT	ac80	5530	Ant1	-11.83	0.27	-11.56	8.81	Pass
NVNT	ac80	5530	Ant2	-12.34	0.27	-12.07	8.81	Pass
NVNT	ac80	5530	Sum	/	/	-8.80	8.81	Pass
NVNT	ac80	5610	Ant1	-13.71	0.27	-13.44	8.81	Pass
NVNT	ac80	5610	Ant2	-15.3	0.27	-15.03	8.81	Pass
NVNT	ac80	5610	Sum	/	/	-11.15	8.81	Pass
NVNT	n20	5500	Ant1	-5.07	0.06	-5.01	8.81	Pass
NVNT	n20	5500	Ant2	-5.03	0.06	-4.97	8.81	Pass
NVNT	n20	5500	Sum	/	/	-1.98	8.81	Pass
NVNT	n20	5600	Ant1	-3.25	0.06	-3.19	8.81	Pass
NVNT	n20	5600	Ant2	-3.96	0.06	-3.90	8.81	Pass
NVNT	n20	5600	Sum	/	/	-0.52	8.81	Pass
NVNT	n20	5700	Ant1	-3.47	0.06	-3.41	8.81	Pass
NVNT	n20	5700	Ant2	-6.5	0.06	-6.44	8.81	Pass
NVNT	n20	5700	Sum	/	/	-1.66	8.81	Pass
NVNT	n40	5510	Ant1	-9.31	0.12	-9.19	8.81	Pass
NVNT	n40	5510	Ant2	-8.98	0.12	-8.86	8.81	Pass
NVNT	n40	5510	Sum	/	/	-6.01	8.81	Pass
NVNT	n40	5590	Ant1	-7.42	0.11	-7.31	8.81	Pass
NVNT	n40	5590	Ant2	-8.93	0.12	-8.81	8.81	Pass
NVNT	n40	5590	Sum	/	/	-4.99	8.81	Pass
NVNT	n40	5670	Ant1	-5.4	0.11	-5.29	8.81	Pass
NVNT	n40	5670	Ant2	-9.4	0.12	-9.28	8.81	Pass

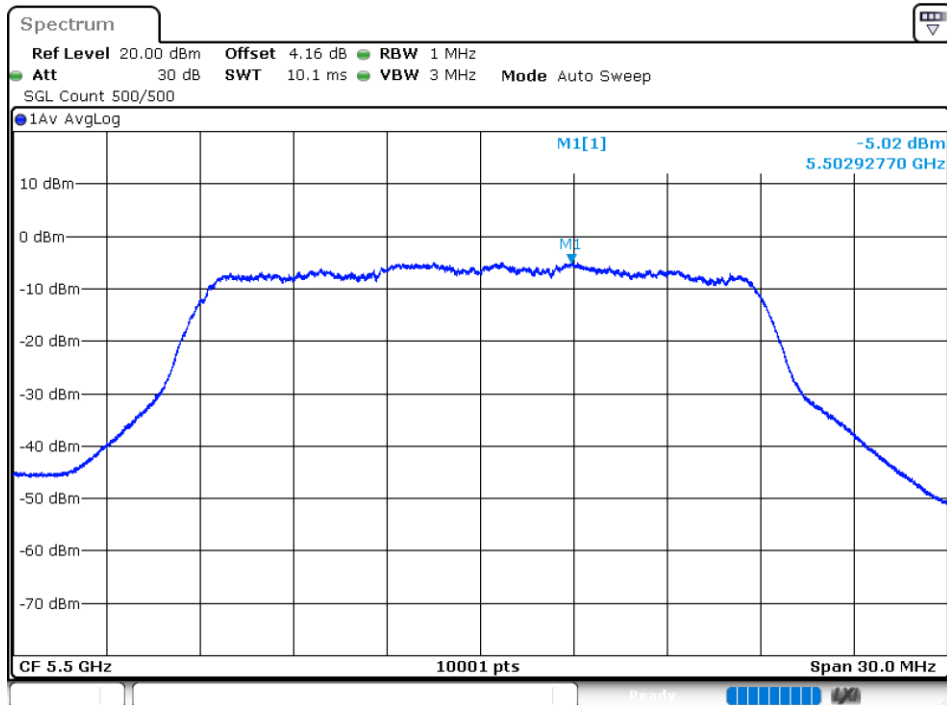
NVNT	n40	5670	Sum	/	/	-3.83	8.81	Pass
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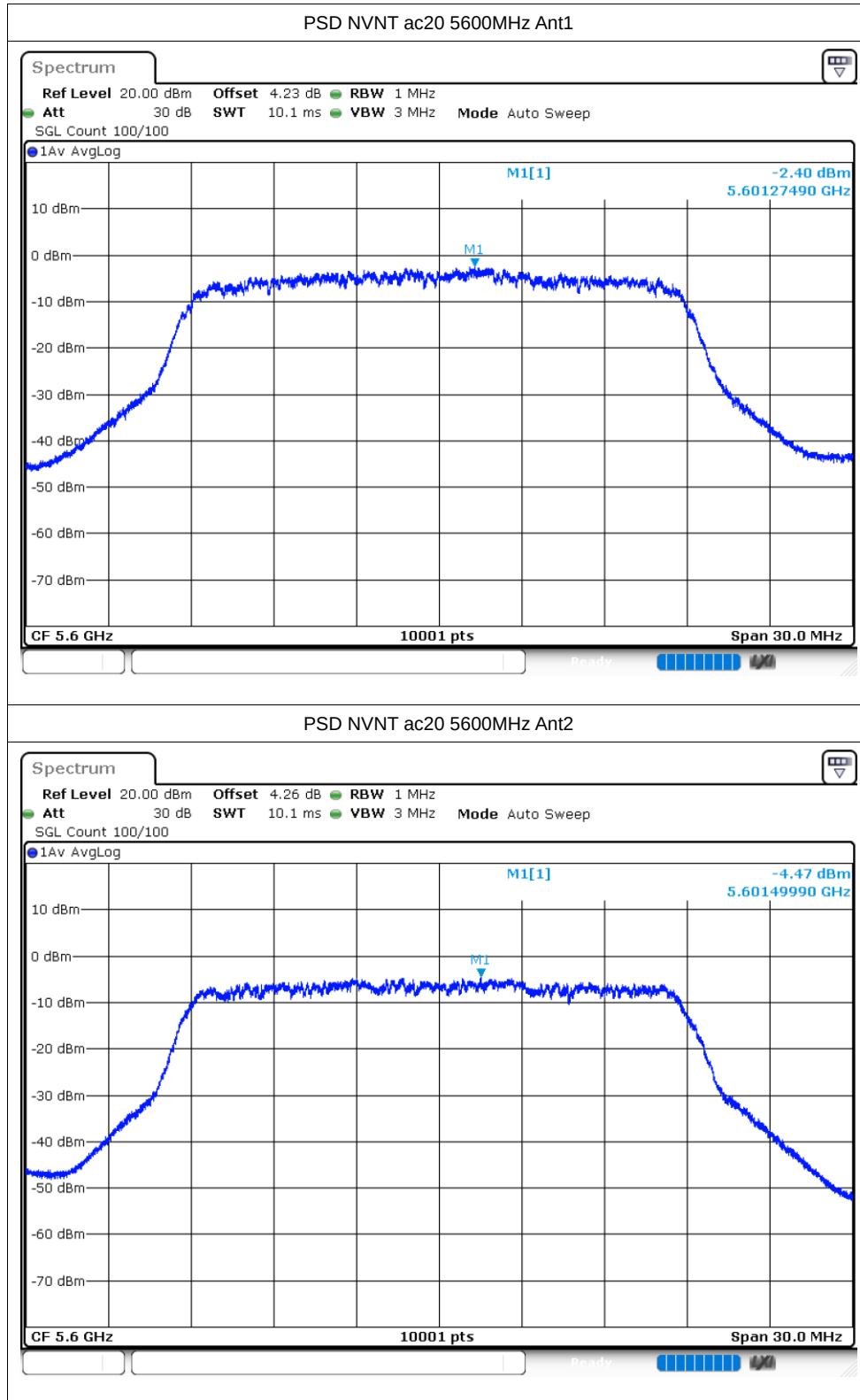
Test Graphs

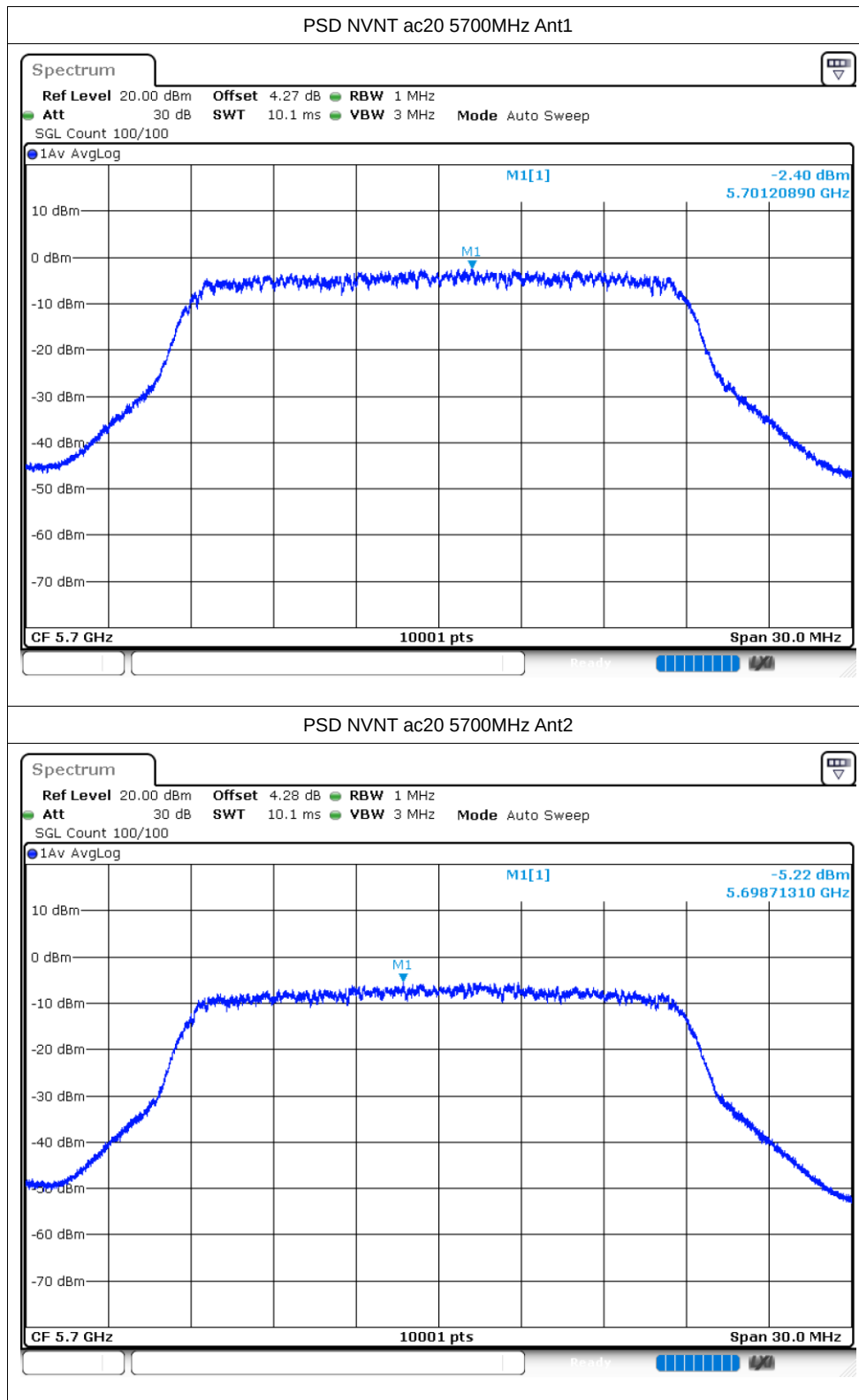
PSD NVNT ac20 5500MHz Ant1

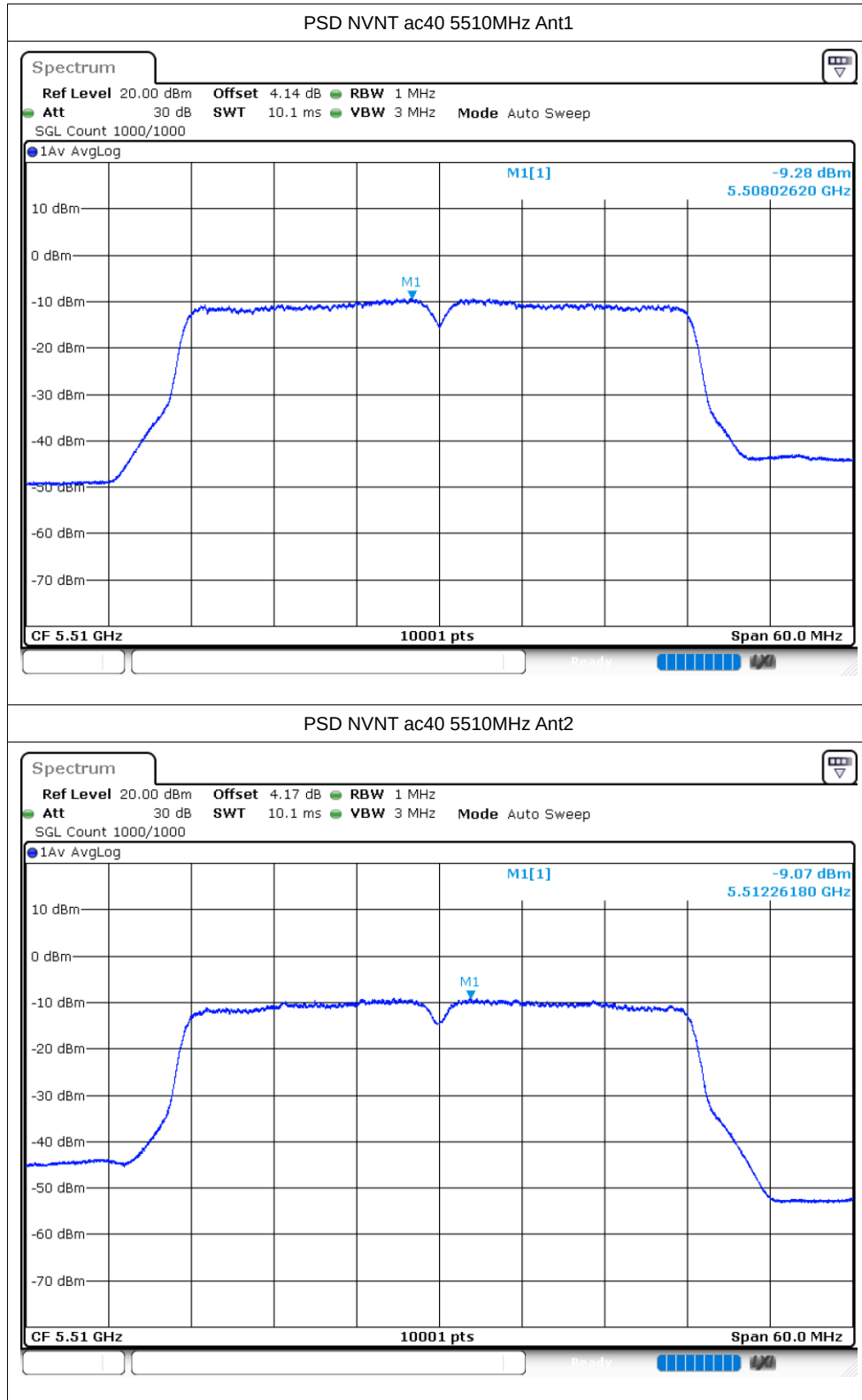


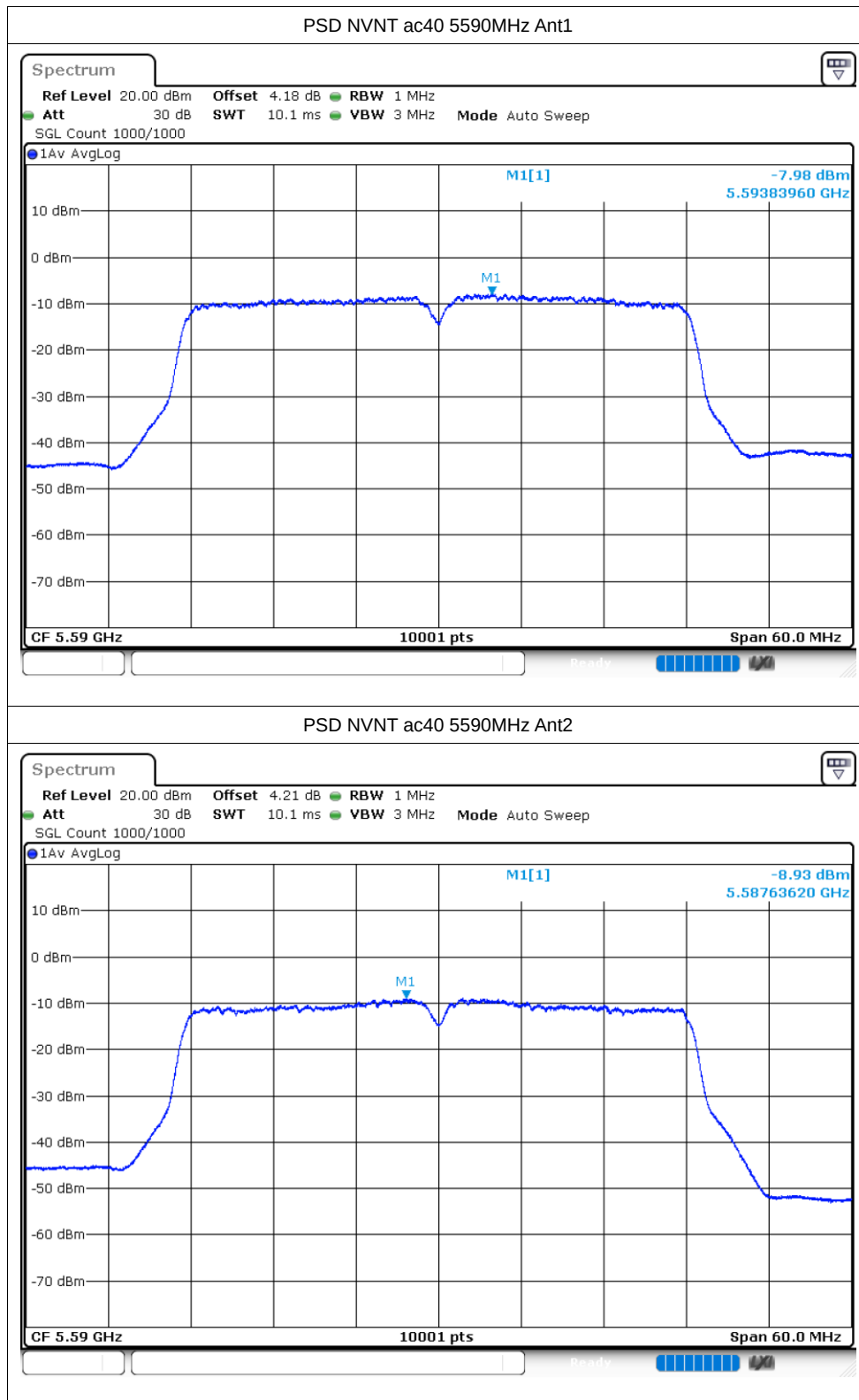
PSD NVNT ac20 5500MHz Ant2

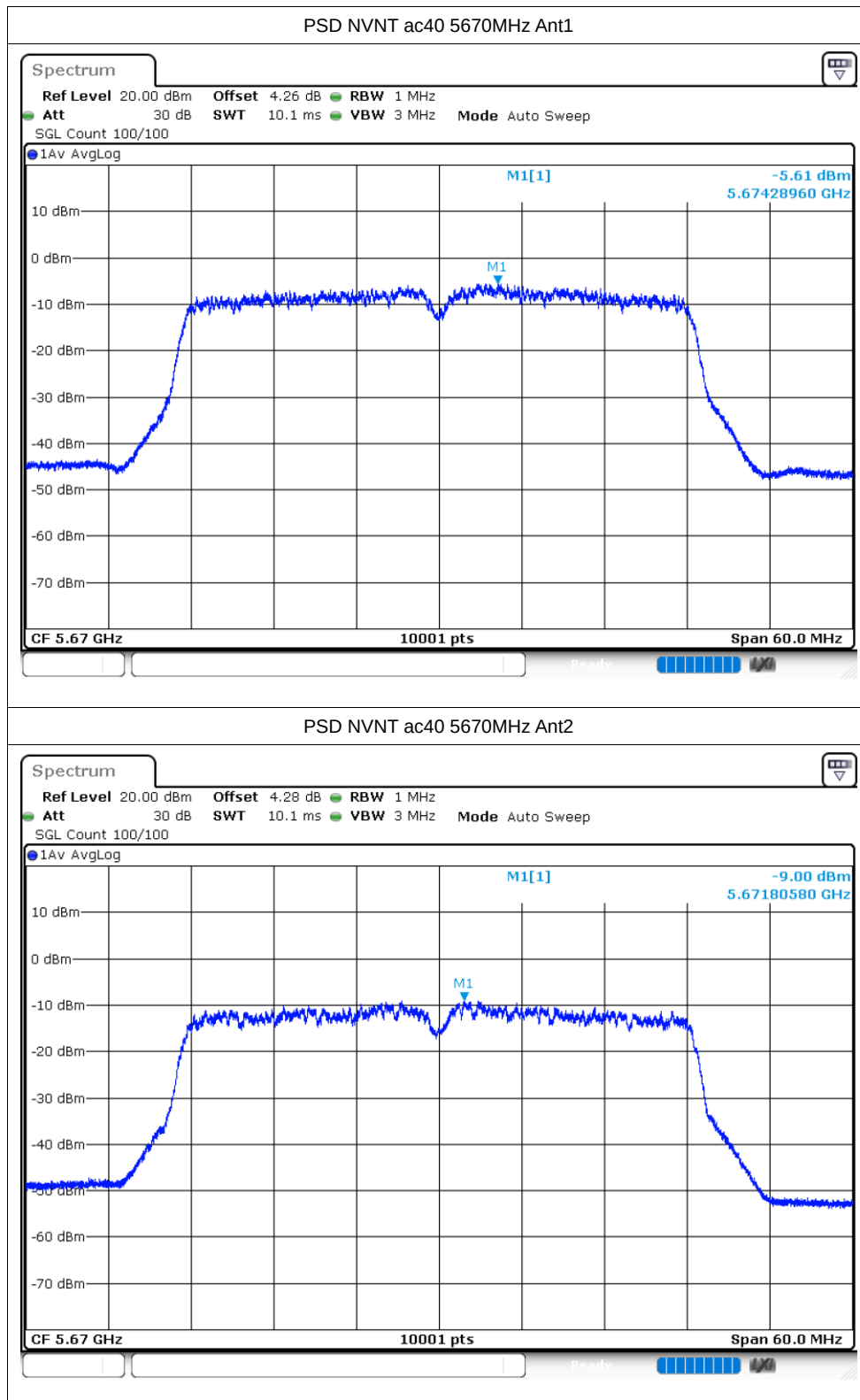


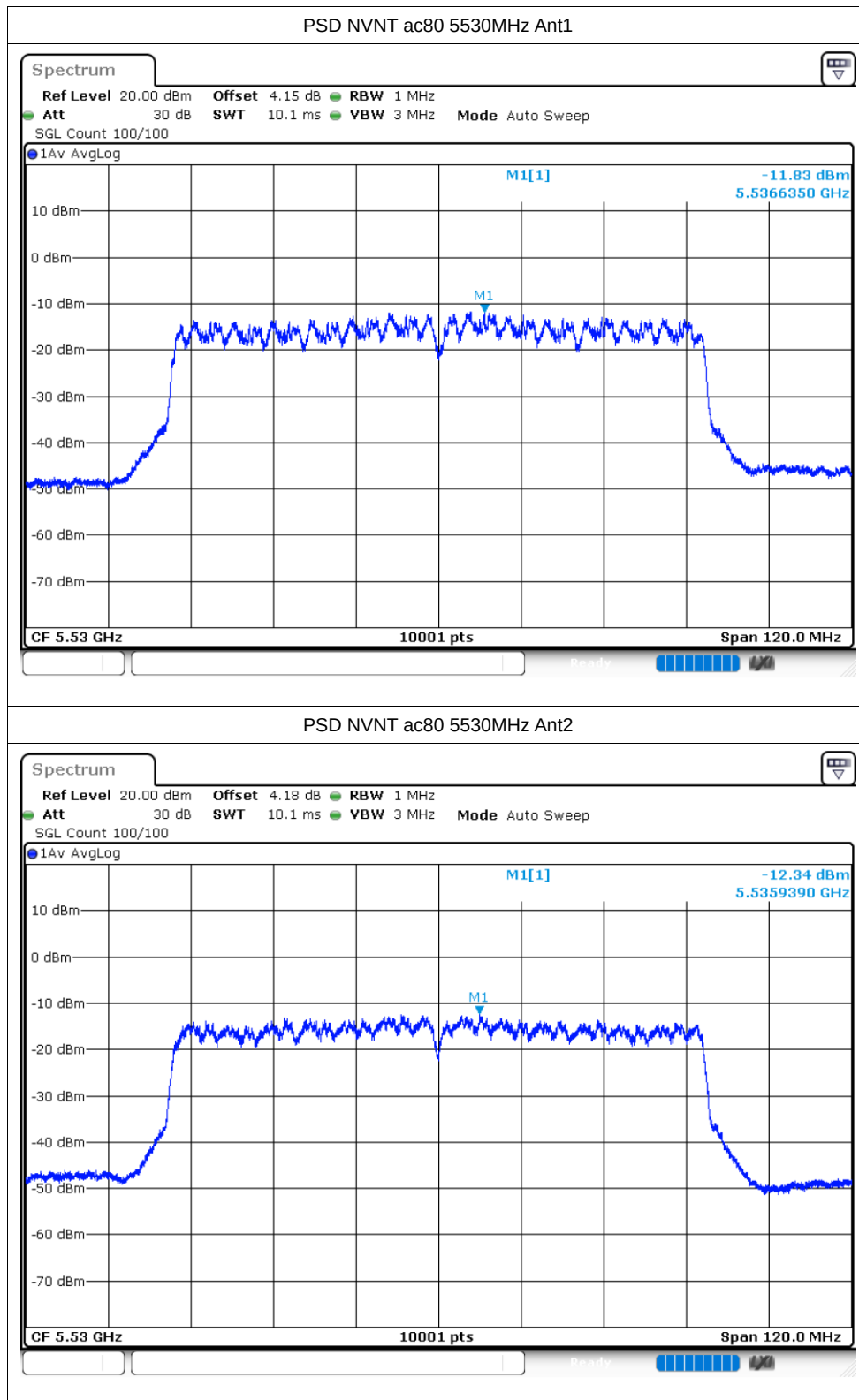


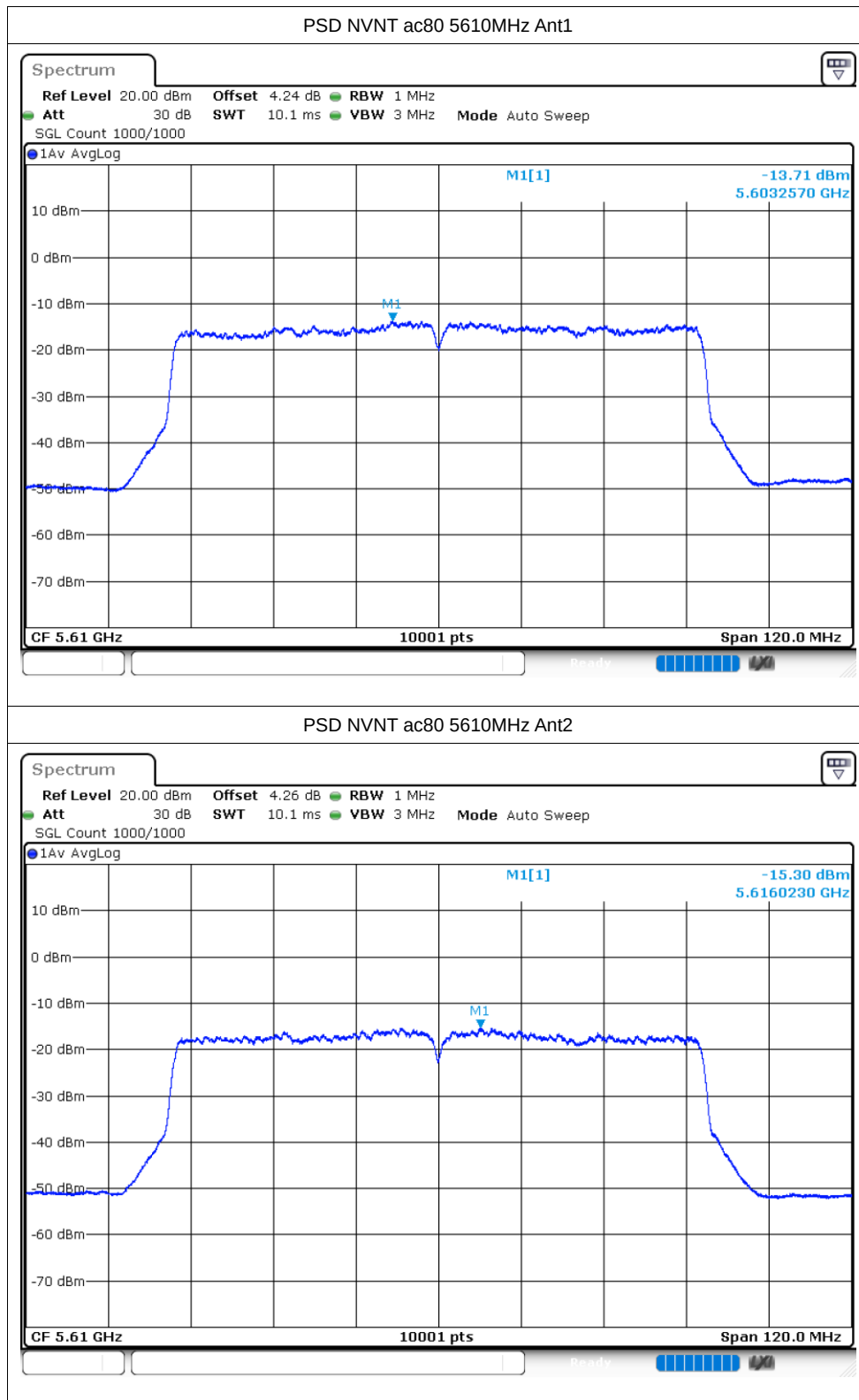


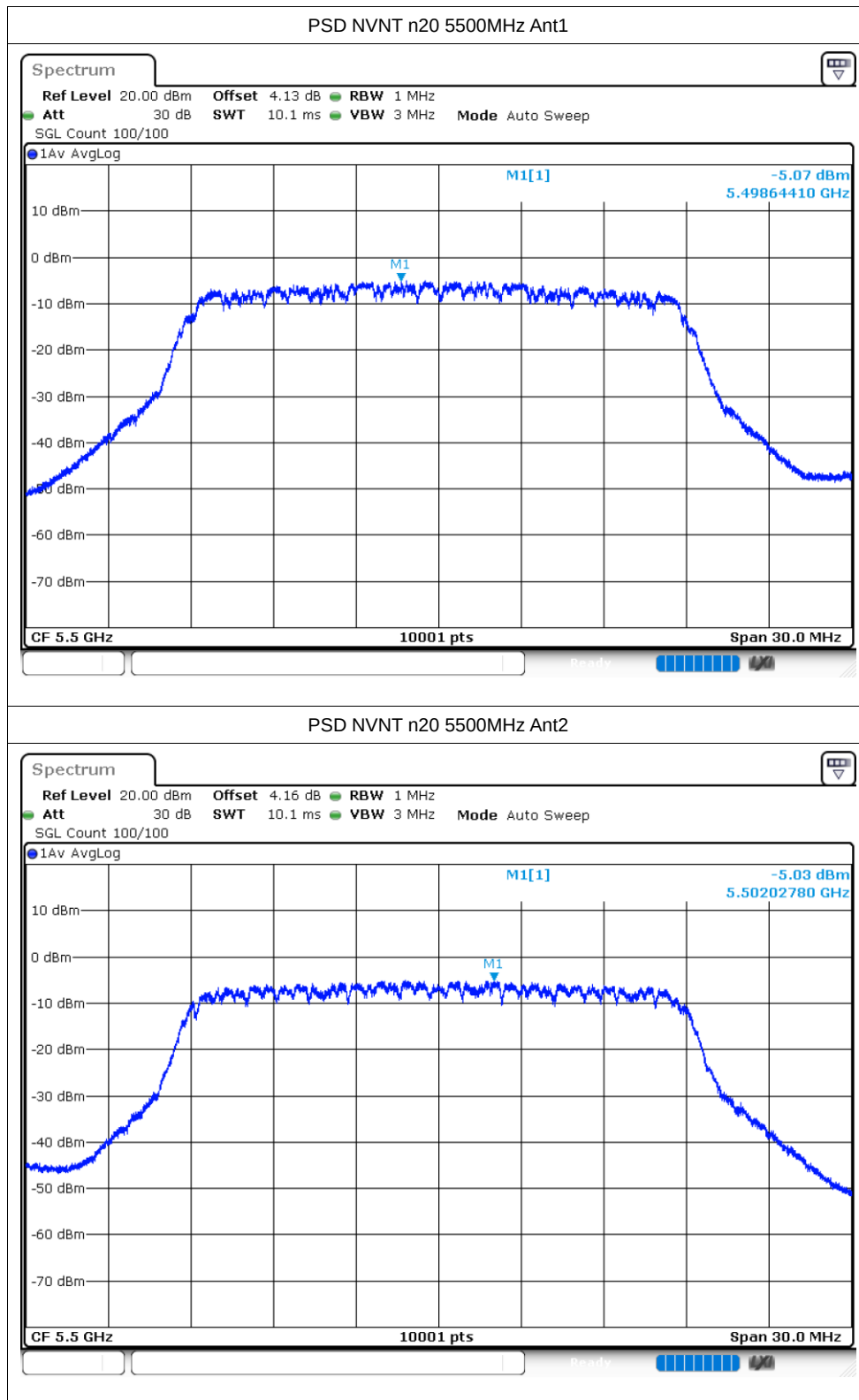


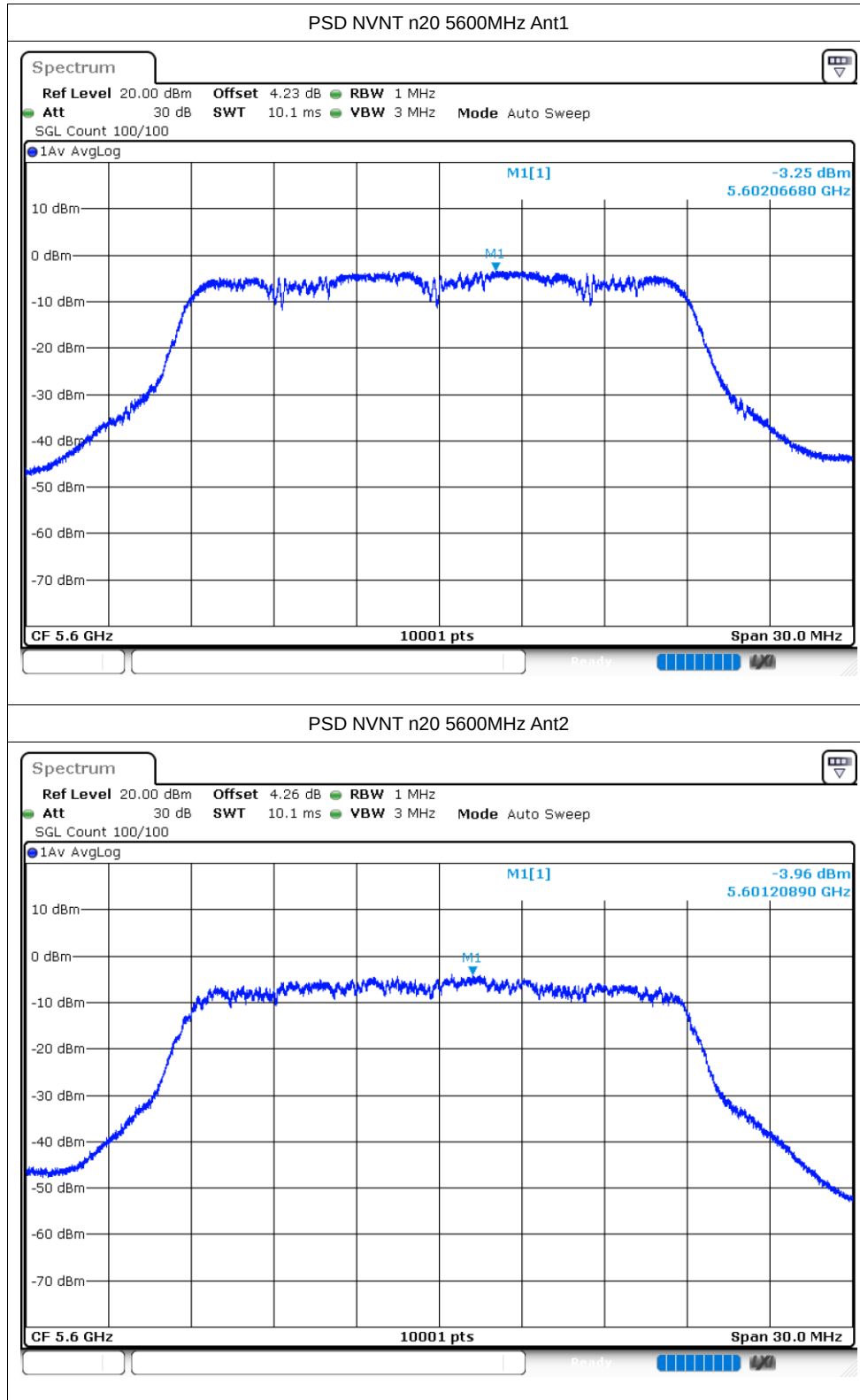


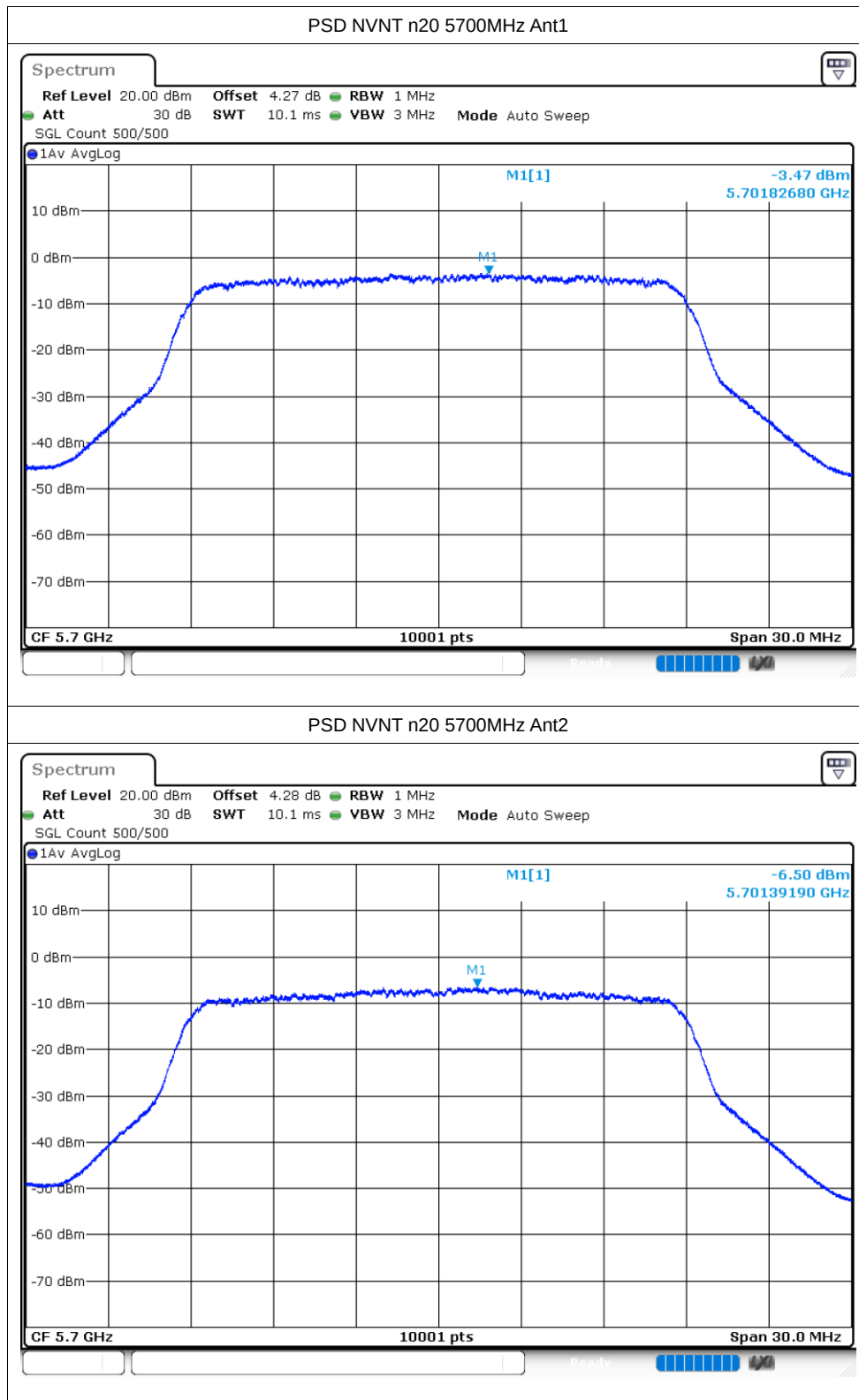


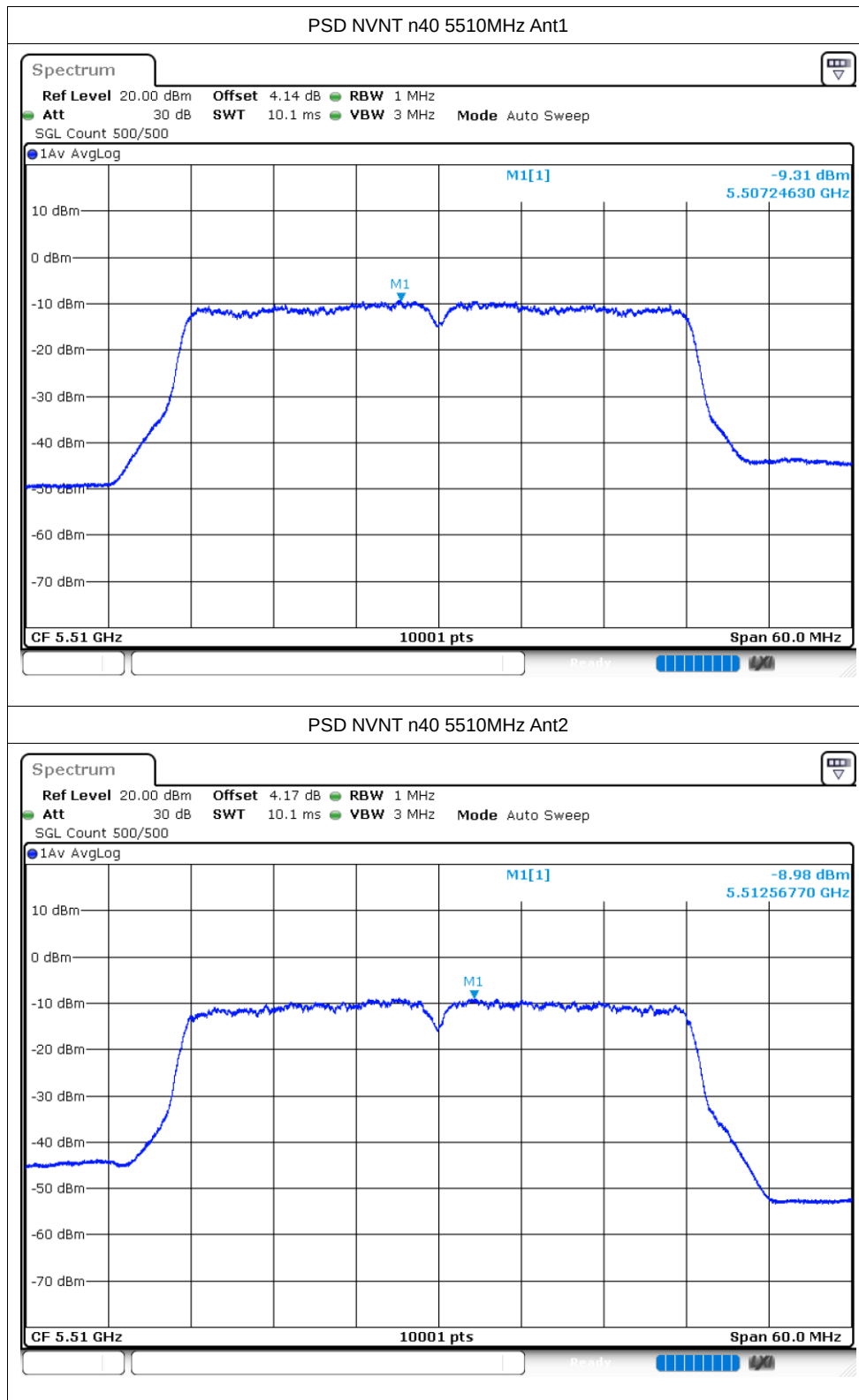


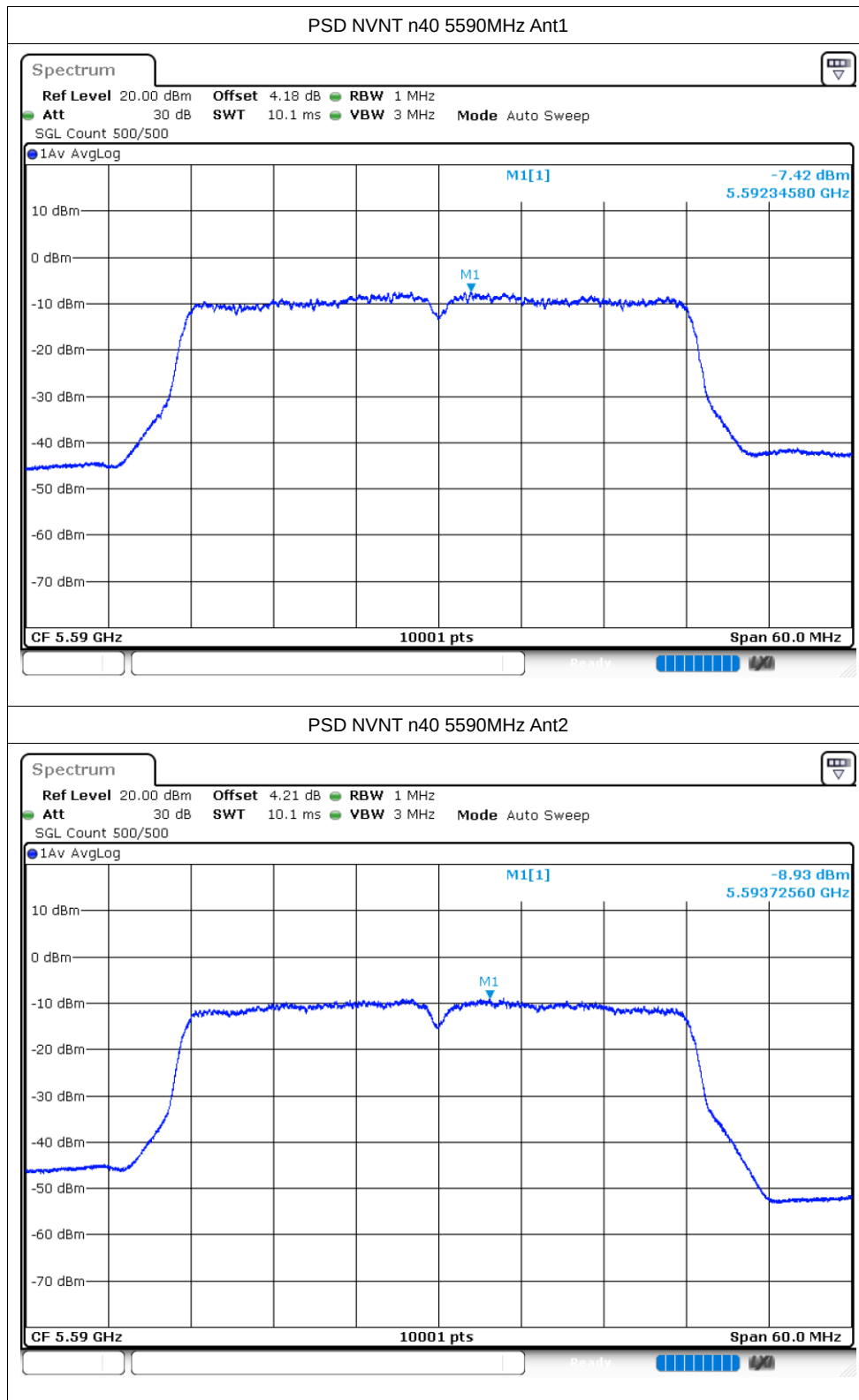


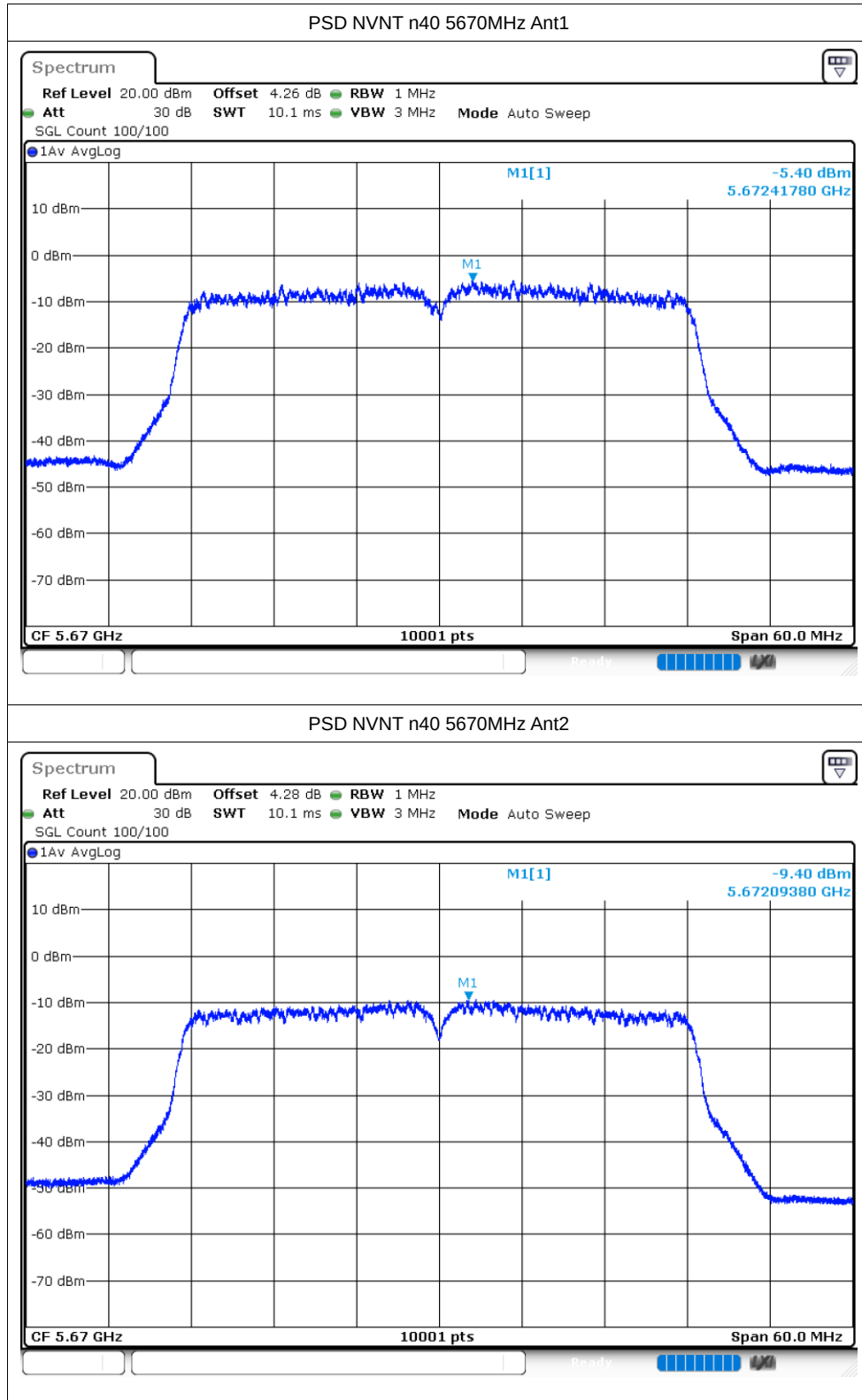












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	ac20	5500	Ant1	-35.4	-27	Pass
NVNT	ac20	5500	Ant2	-35.45	-27	Pass
NVNT	ac20	5700	Ant1	-32.55	-27	Pass
NVNT	ac20	5700	Ant2	-34.64	-27	Pass
NVNT	ac40	5510	Ant1	-33.35	-27	Pass
NVNT	ac40	5510	Ant2	-31.73	-27	Pass
NVNT	ac40	5670	Ant1	-33.46	-27	Pass
NVNT	ac40	5670	Ant2	-35.17	-27	Pass
NVNT	ac80	5530	Ant1	-30.51	-27	Pass
NVNT	ac80	5530	Ant2	-30.87	-27	Pass
NVNT	ac80	5610	Ant1	-35.82	-27	Pass
NVNT	ac80	5610	Ant2	-35.42	-27	Pass
NVNT	n20	5500	Ant1	-35.13	-27	Pass
NVNT	n20	5500	Ant2	-35.73	-27	Pass
NVNT	n20	5700	Ant1	-32.33	-27	Pass
NVNT	n20	5700	Ant2	-33.35	-27	Pass
NVNT	n40	5510	Ant1	-33.22	-27	Pass
NVNT	n40	5510	Ant2	-30.51	-27	Pass
NVNT	n40	5670	Ant1	-33.33	-27	Pass
NVNT	n40	5670	Ant2	-35.43	-27	Pass

Note: 1.The test results have been added with Antenna Gain.

2.Due to the fact that both ANT 1 and ANT 2 have a margin of 3 dB each, so the MIMO mode can be passed.

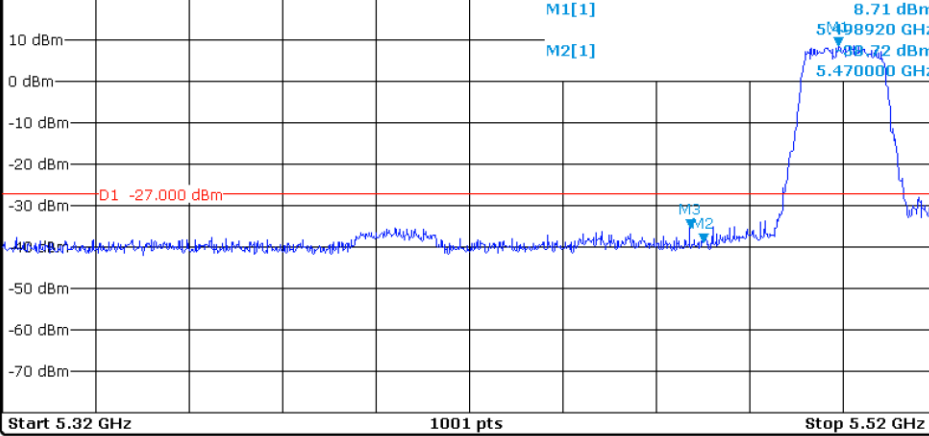
Test Graphs

Band Edge NVNT ac20 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.31 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

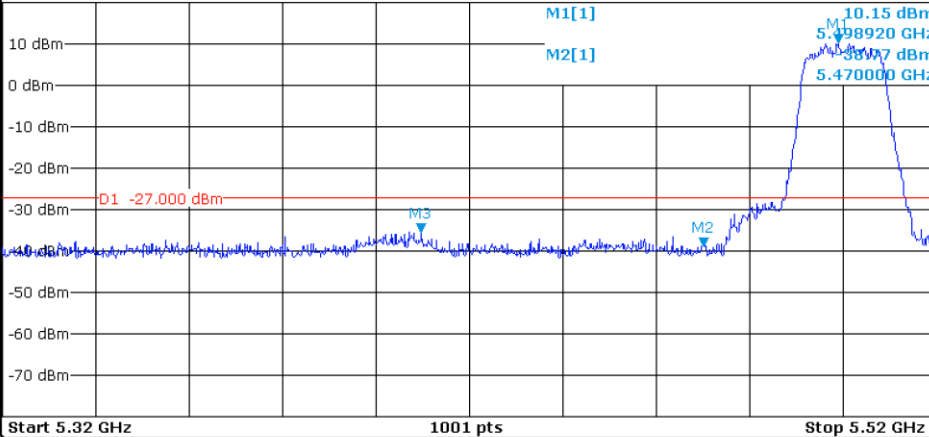
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.49892 GHz	8.71 dBm		
M2	1		5.47 GHz	-38.72 dBm		
M3	1		5.4672 GHz	-35.41 dBm		

Band Edge NVNT ac20 5500MHz Low Ant2

Spectrum

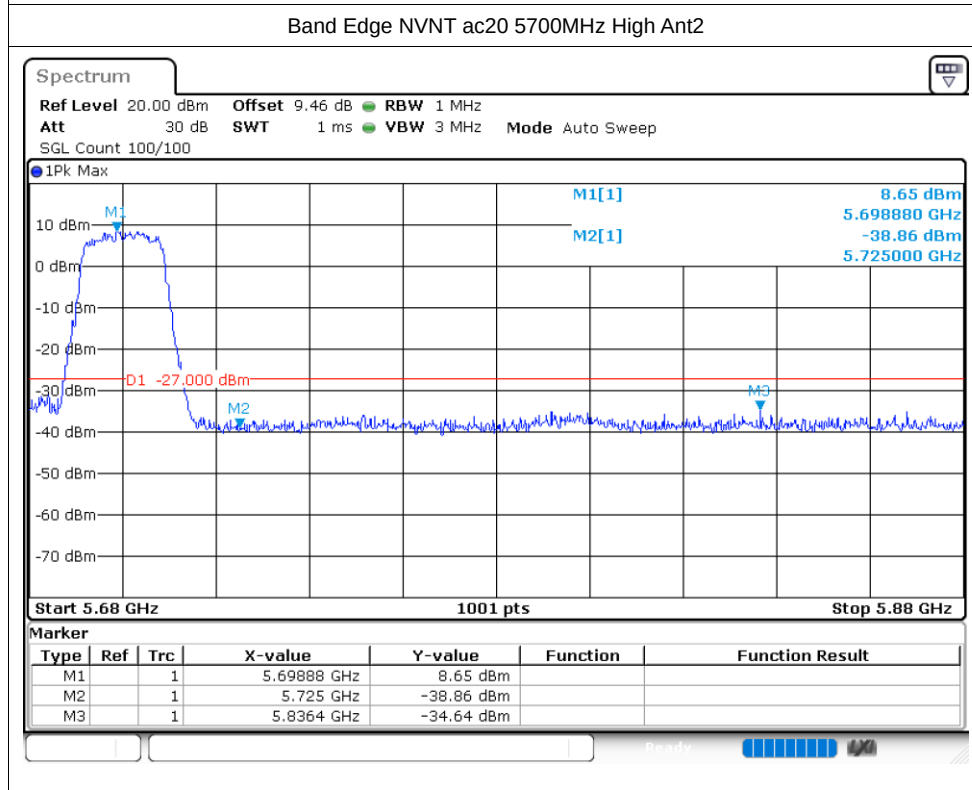
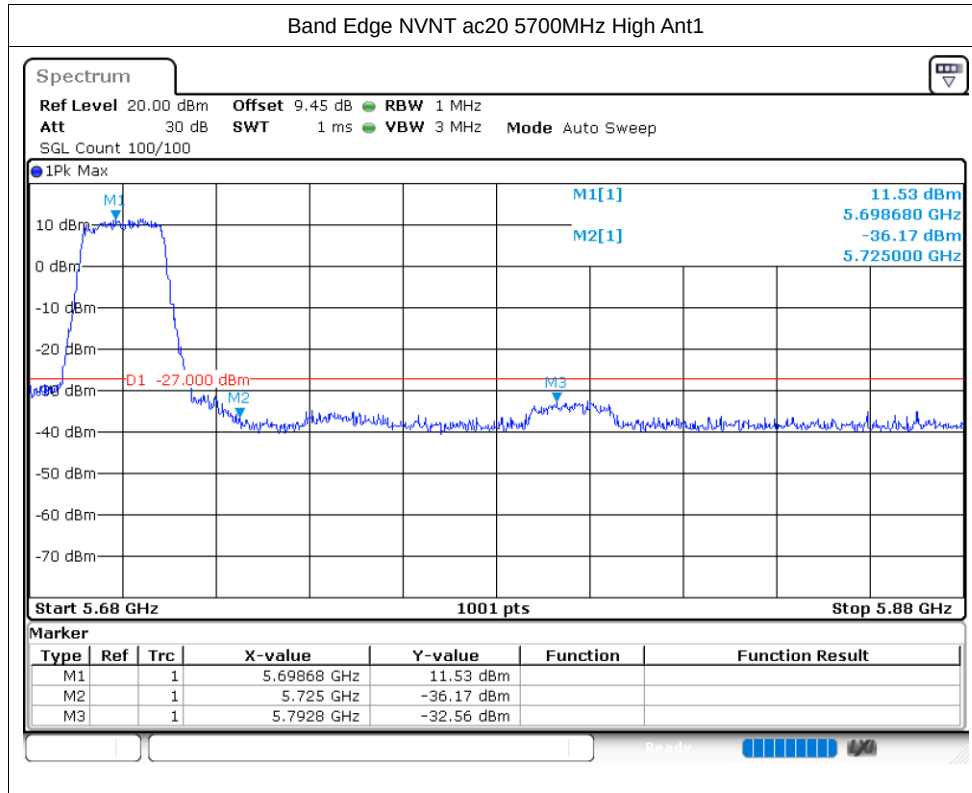
Ref Level 20.00 dBm Offset 9.34 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max

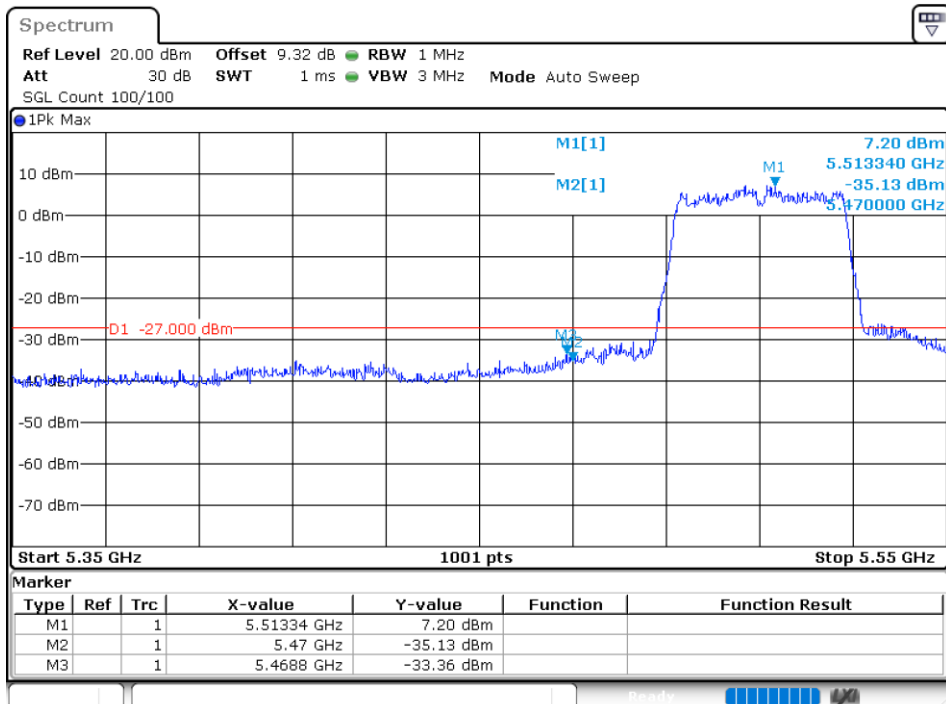


Marker

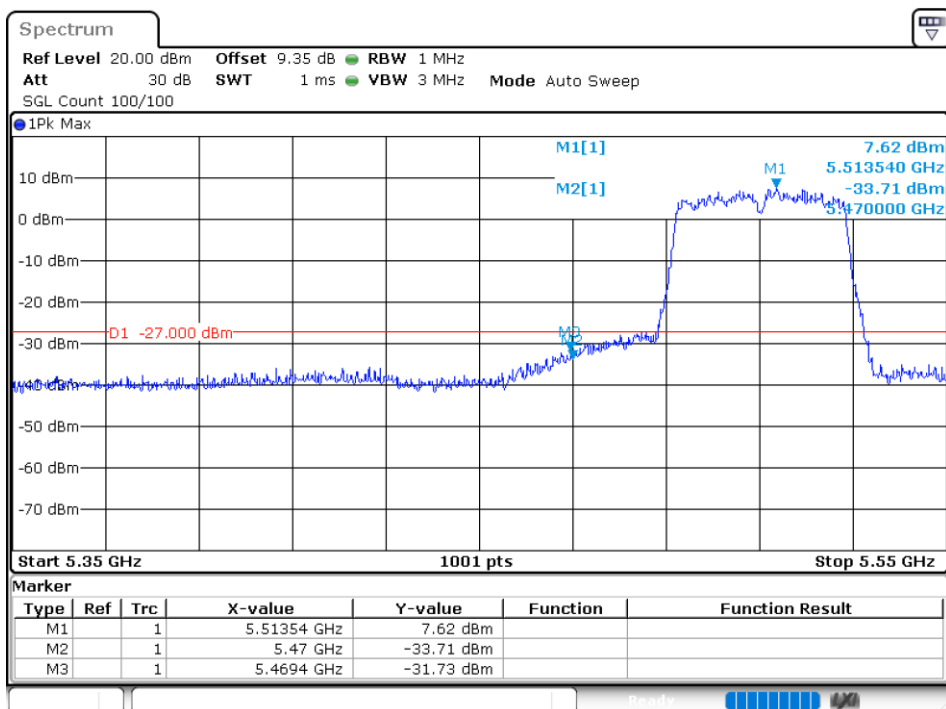
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.49892 GHz	10.15 dBm		
M2	1		5.47 GHz	-38.77 dBm		
M3	1		5.4096 GHz	-35.46 dBm		



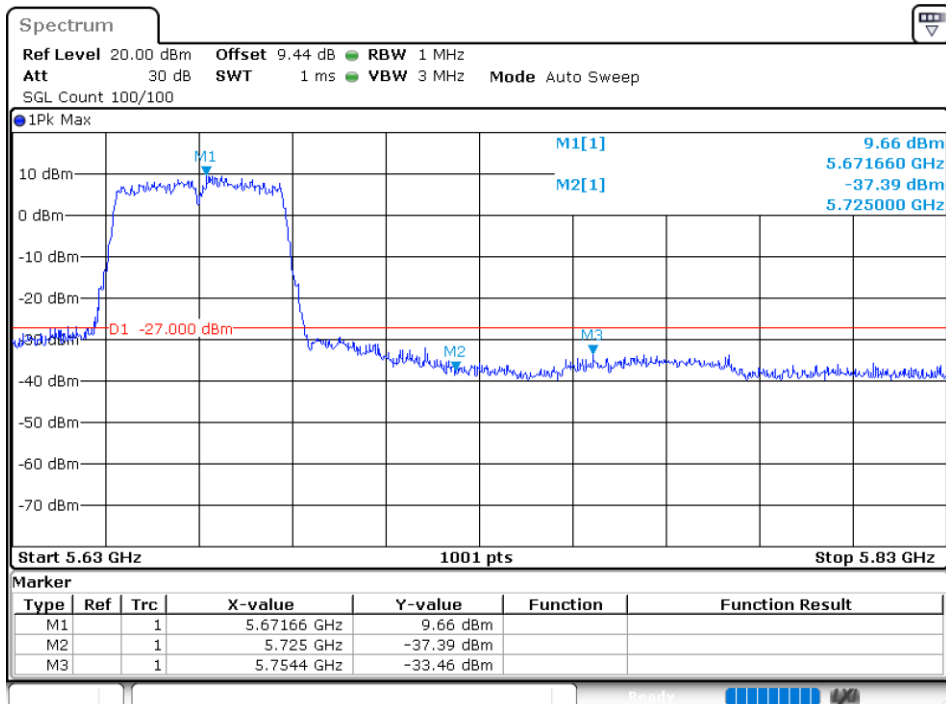
Band Edge NVNT ac40 5510MHz Low Ant1



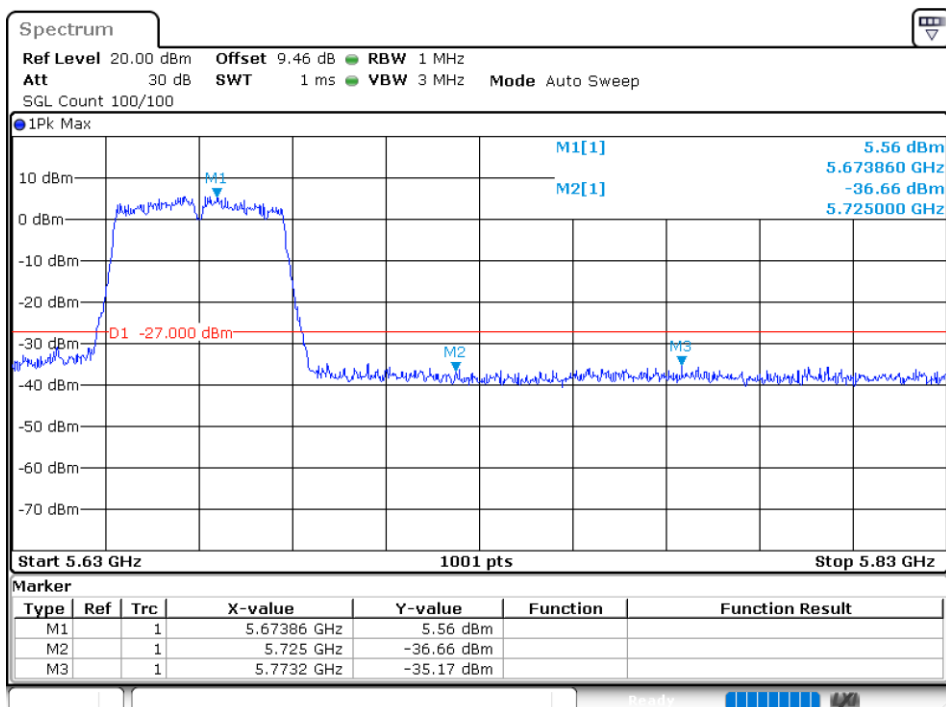
Band Edge NVNT ac40 5510MHz Low Ant2



Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac40 5670MHz High Ant2

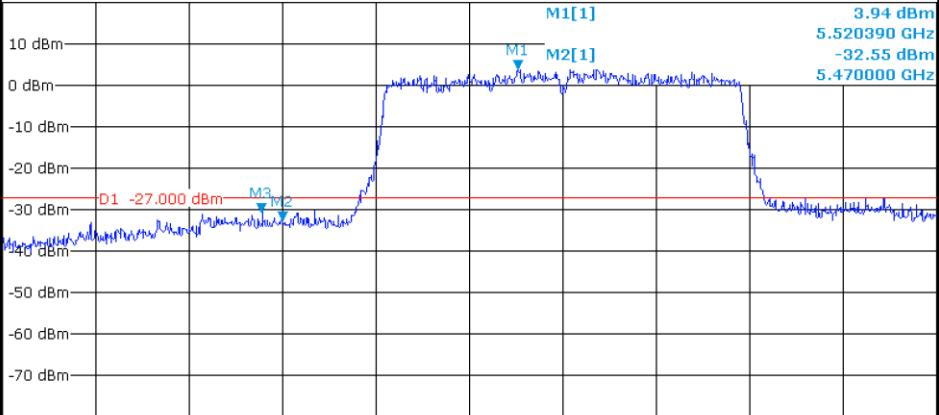


Band Edge NVNT ac80 5530MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.33 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Start 5.41 GHz 1001 pts Stop 5.61 GHz

Marker

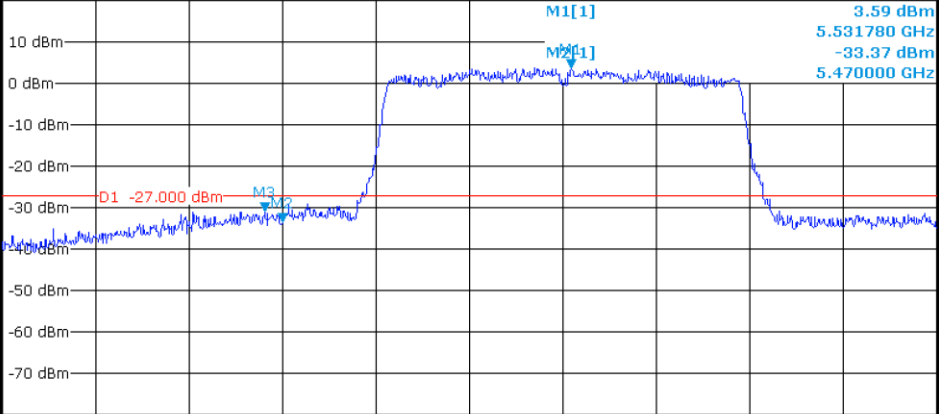
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.52039 GHz	3.94 dBm		
M2		1	5.47 GHz	-32.55 dBm		
M3		1	5.4656 GHz	-30.52 dBm		

Band Edge NVNT ac80 5530MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 9.36 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

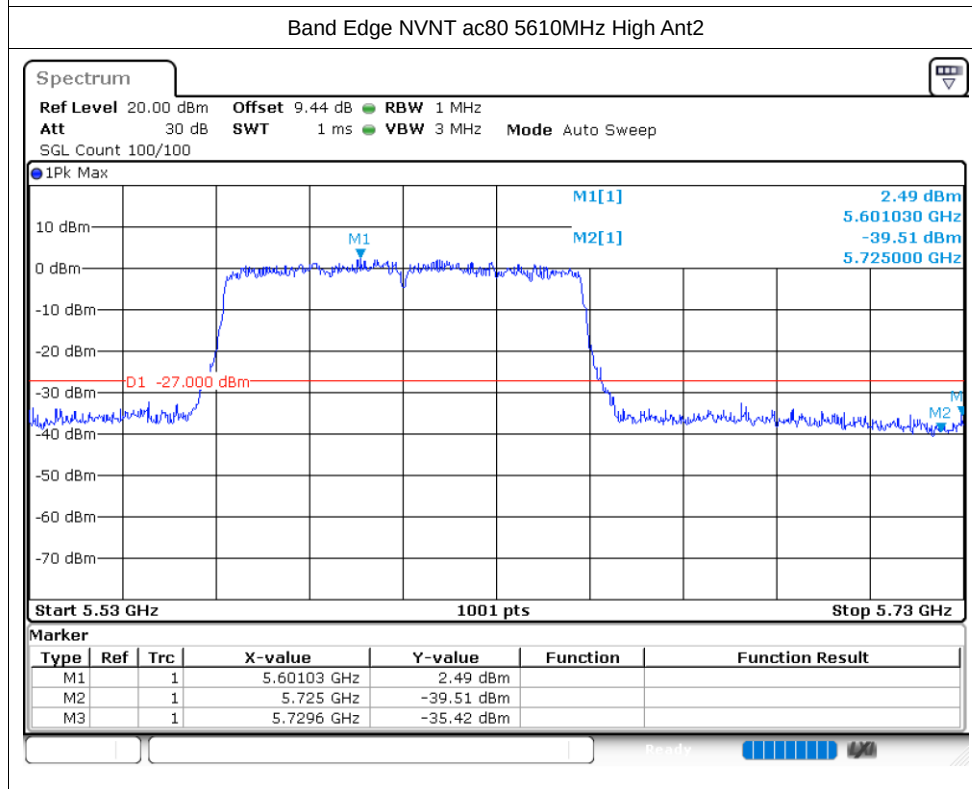
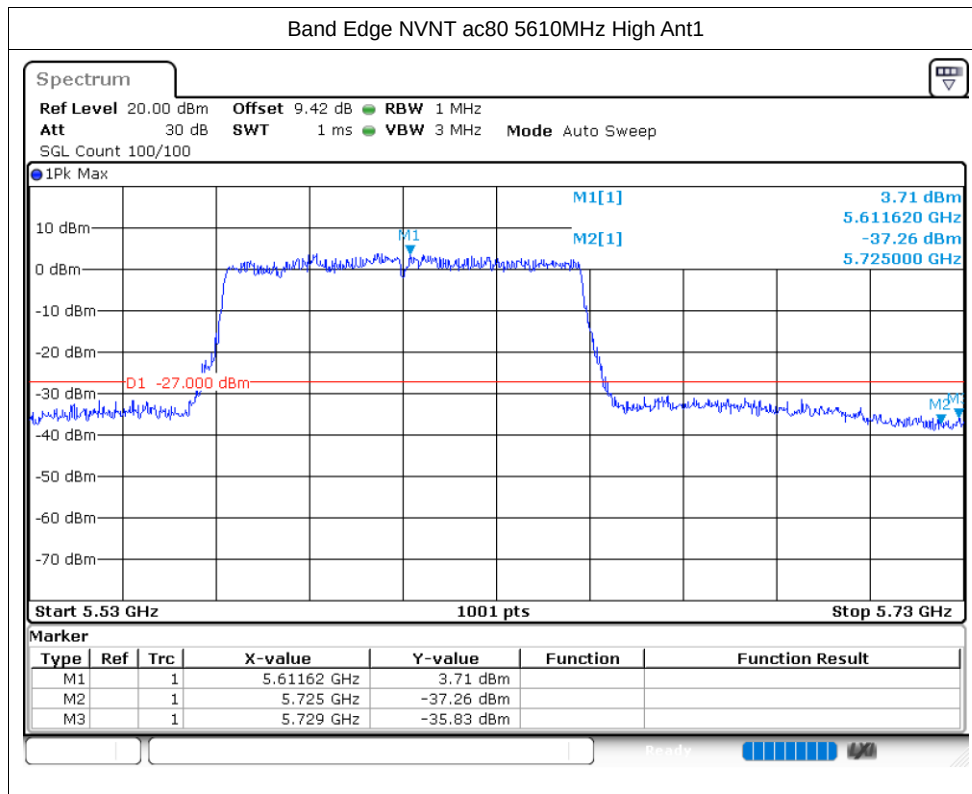
1Pk Max



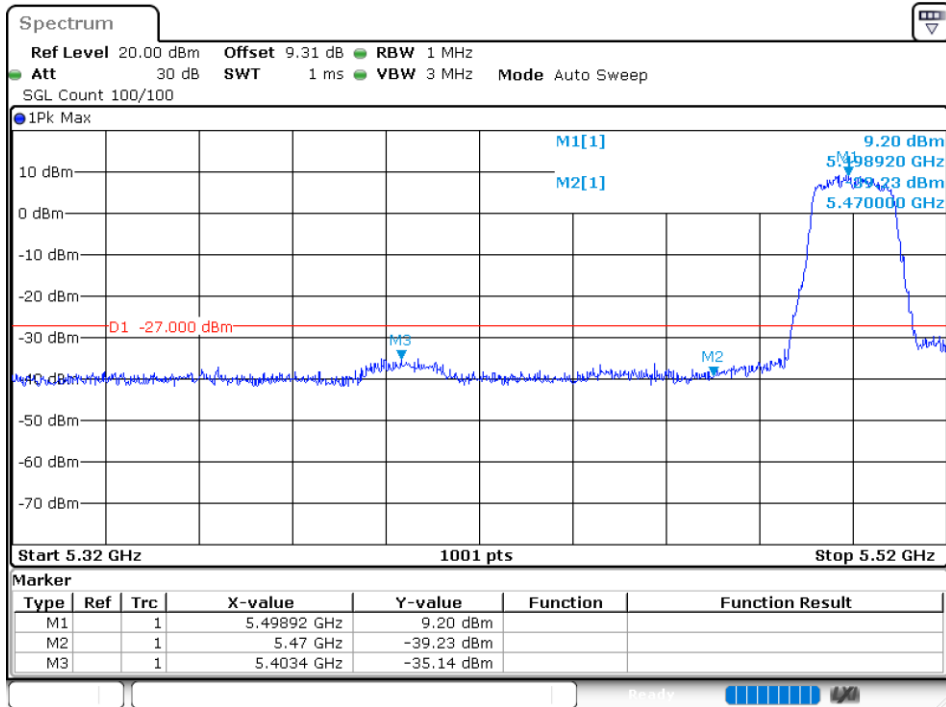
Start 5.41 GHz 1001 pts Stop 5.61 GHz

Marker

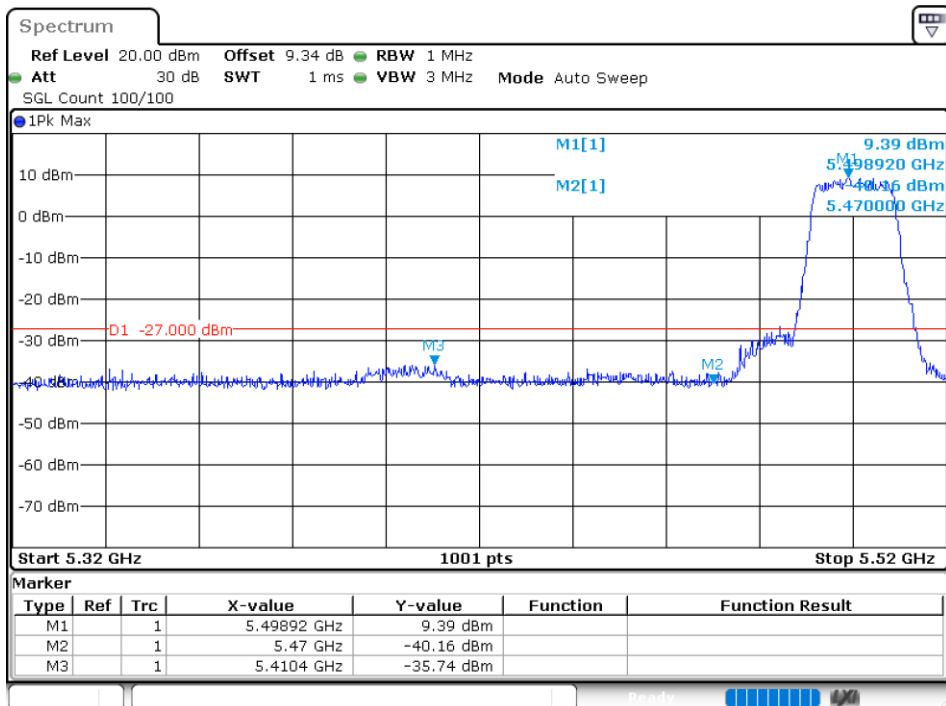
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.53178 GHz	3.59 dBm		
M2		1	5.47 GHz	-33.37 dBm		
M3		1	5.4662 GHz	-30.87 dBm		

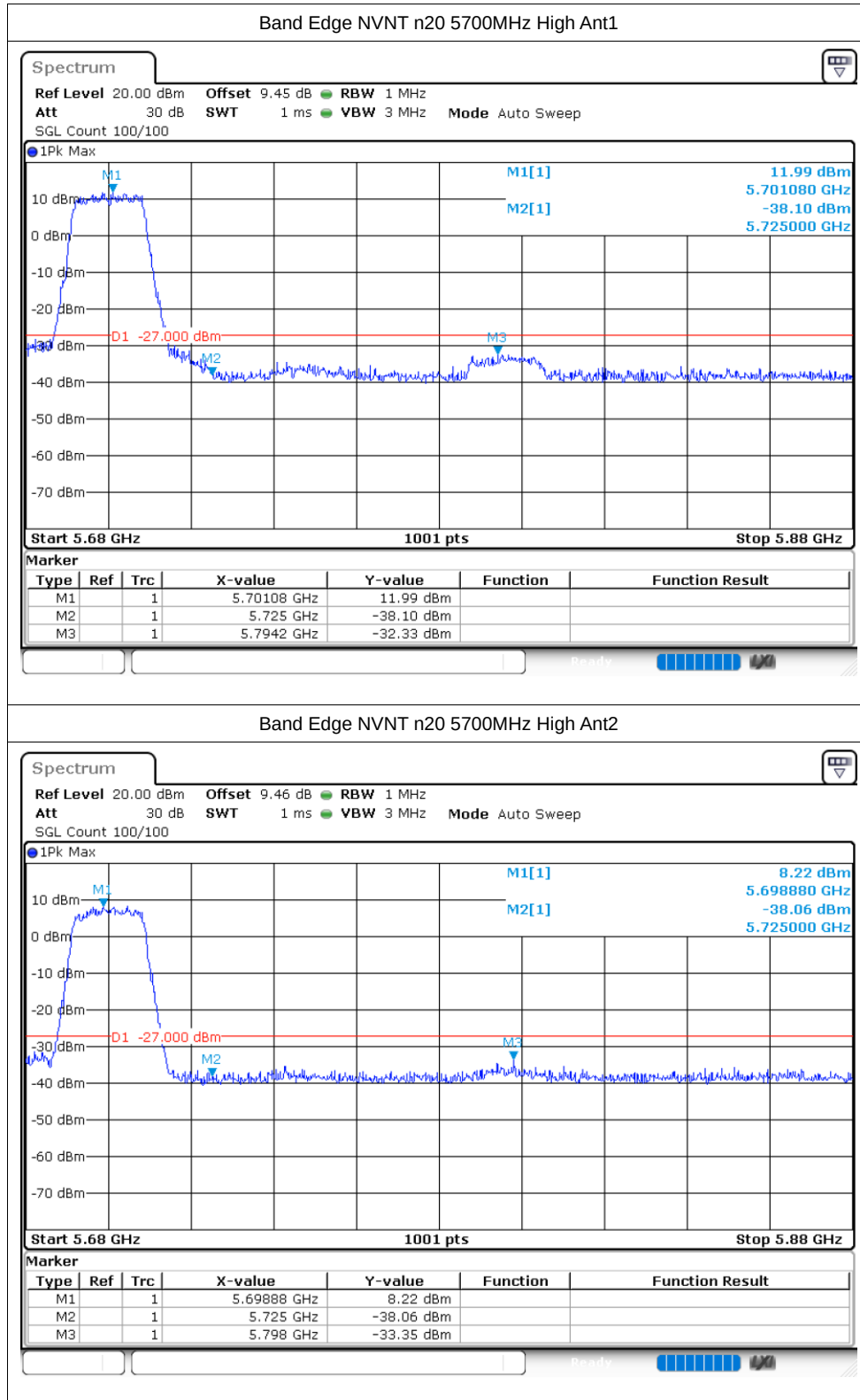


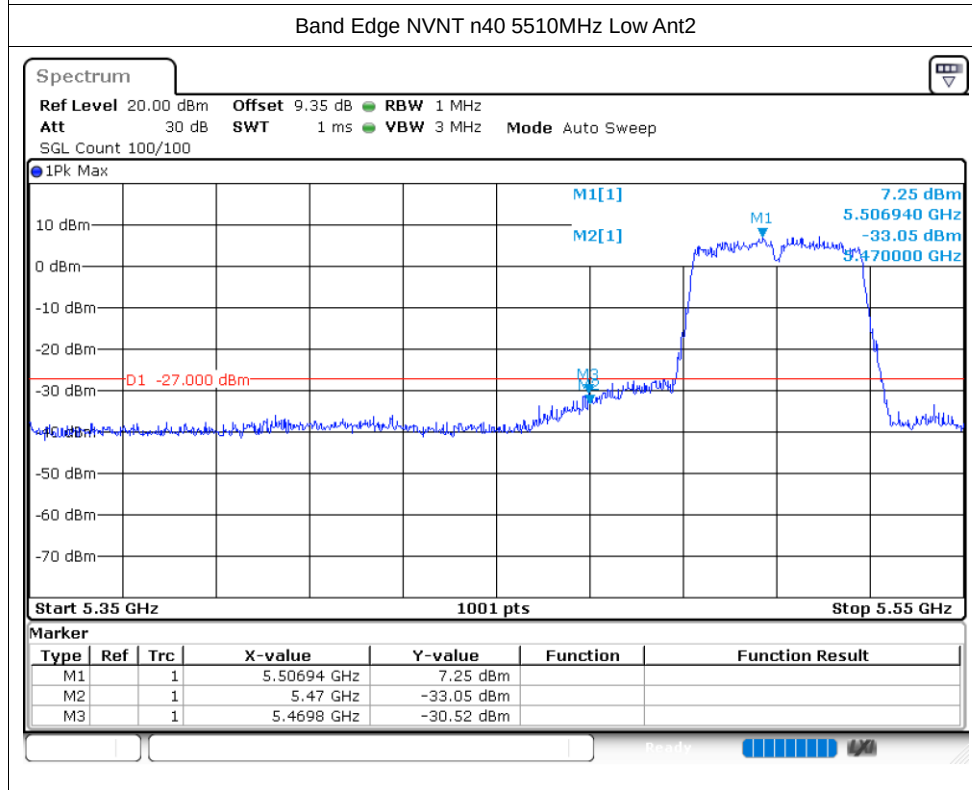
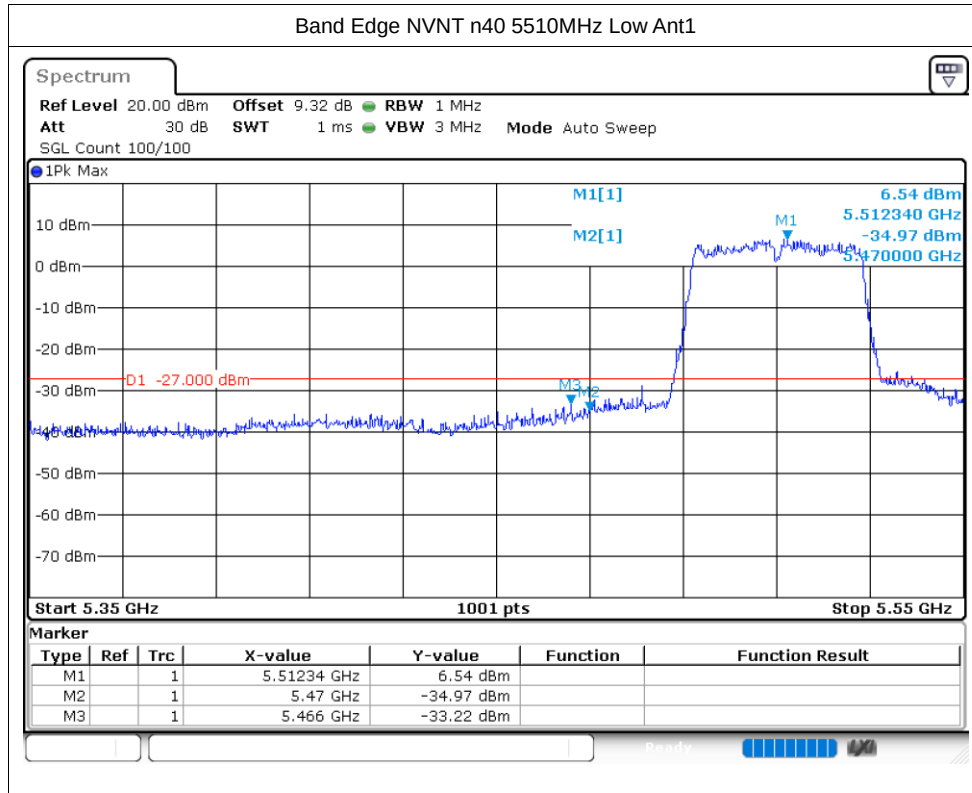
Band Edge NVNT n20 5500MHz Low Ant1



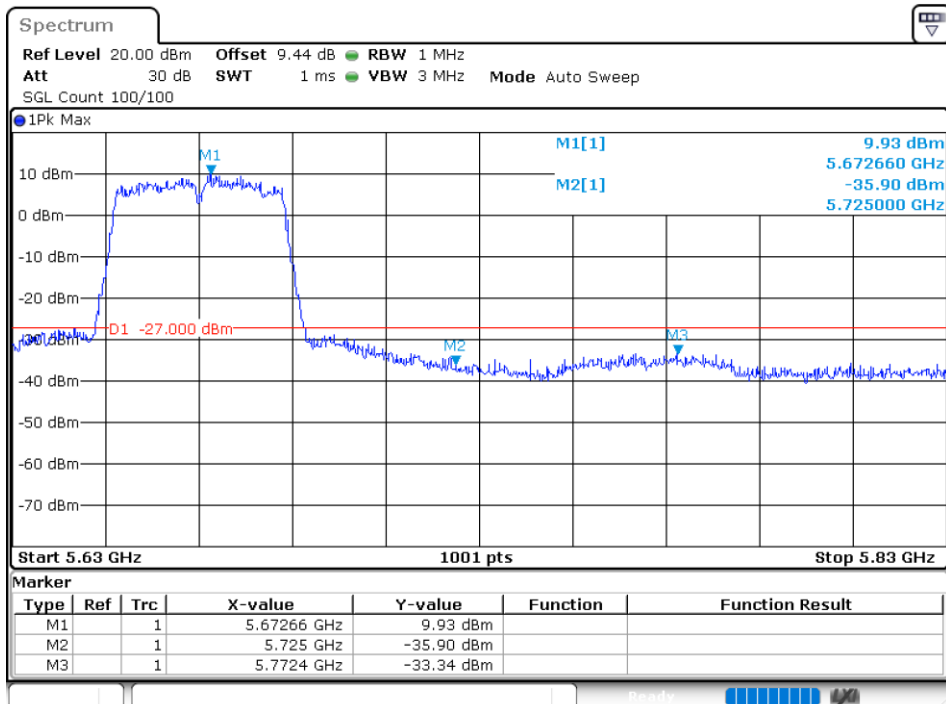
Band Edge NVNT n20 5500MHz Low Ant2



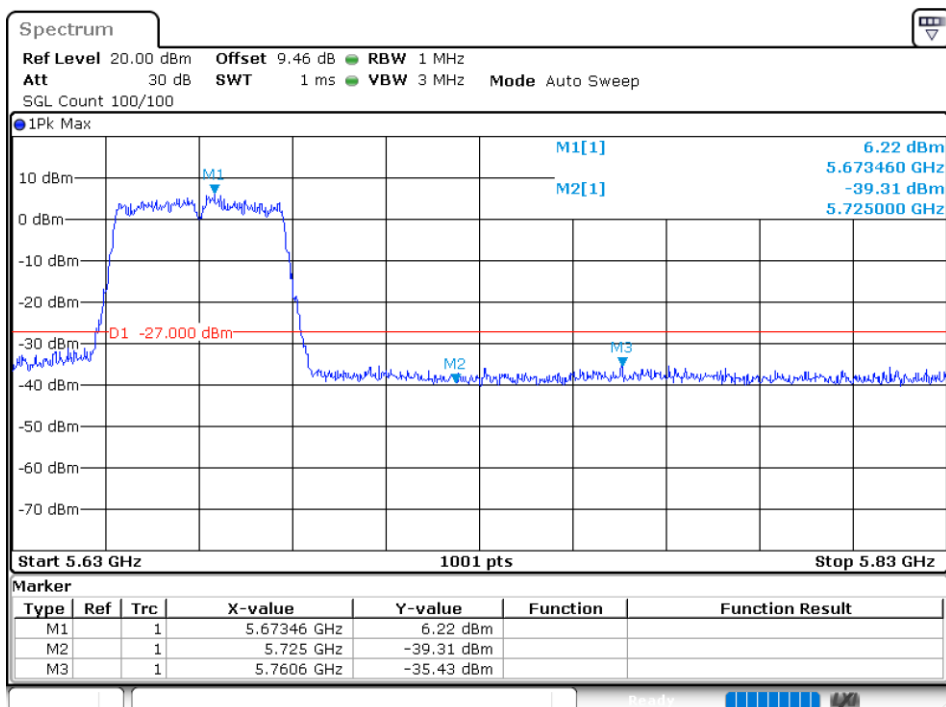




Band Edge NVNT n40 5670MHz High Ant1



Band Edge NVNT n40 5670MHz High Ant2



5.8GWIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.77	0.05	0.48
NVNT	a	5785	Ant1	98.7	0.06	0.49
NVNT	a	5825	Ant1	99.39	0.03	0.48
NVNT	a	5745	Ant2	98.76	0.05	0.48
NVNT	a	5785	Ant2	98.79	0.05	0.48
NVNT	a	5825	Ant2	98.77	0.05	0.48
NVNT	n20	5745	Ant1	98.66	0.06	0.52
NVNT	n20	5785	Ant1	98.62	0.06	0.52
NVNT	n20	5825	Ant1	99.46	0.02	0.52
NVNT	n20	5745	Ant2	98.7	0.06	0.52
NVNT	n20	5785	Ant2	98.7	0.06	0.52
NVNT	n20	5825	Ant2	98.68	0.06	0.52
NVNT	n40	5755	Ant1	98.42	0.07	1.03
NVNT	n40	5795	Ant1	98.7	0.06	1.04
NVNT	n40	5755	Ant2	97.41	0.11	1.06
NVNT	n40	5795	Ant2	97.35	0.12	1.05
NVNT	ac20	5745	Ant1	98.66	0.06	0.52
NVNT	ac20	5785	Ant1	98.62	0.06	0.52
NVNT	ac20	5825	Ant1	98.62	0.06	0.52
NVNT	ac20	5745	Ant2	98.69	0.06	0.52
NVNT	ac20	5785	Ant2	98.69	0.06	0.52
NVNT	ac20	5825	Ant2	98.71	0.06	0.52
NVNT	ac40	5755	Ant1	97.36	0.12	1.05
NVNT	ac40	5795	Ant1	97.37	0.12	1.05
NVNT	ac40	5755	Ant2	97.38	0.12	1.04
NVNT	ac40	5795	Ant2	97.38	0.12	1.05
NVNT	ac80	5775	Ant1	94	0.27	2.17
NVNT	ac80	5775	Ant2	95.99	0.18	2.13

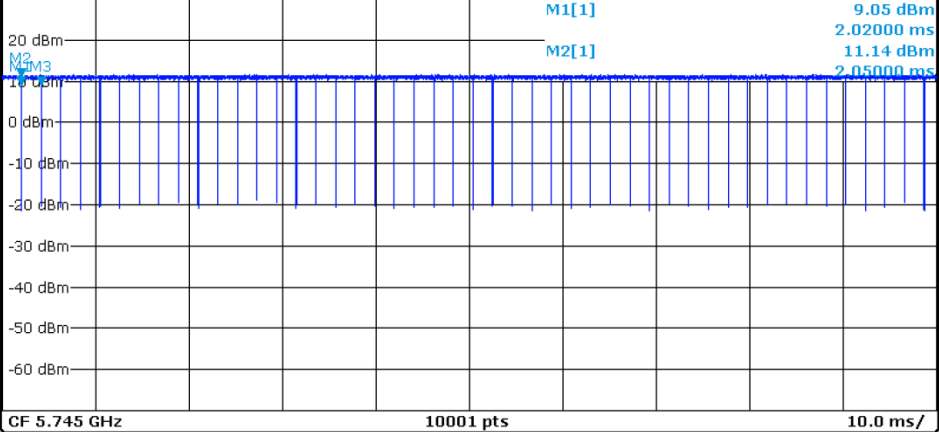
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.25 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

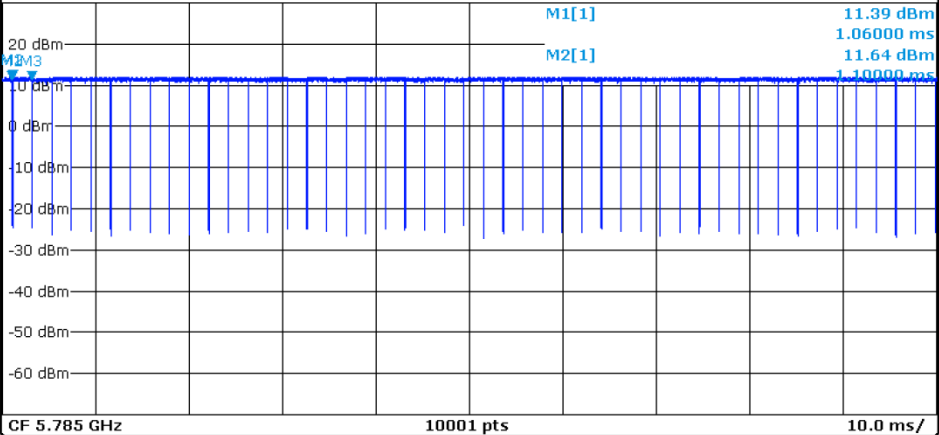
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	2.02 ms	9.05 dBm		
M2	1	1	2.05 ms	11.14 dBm		
M3	1	1	4.12 ms	9.13 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

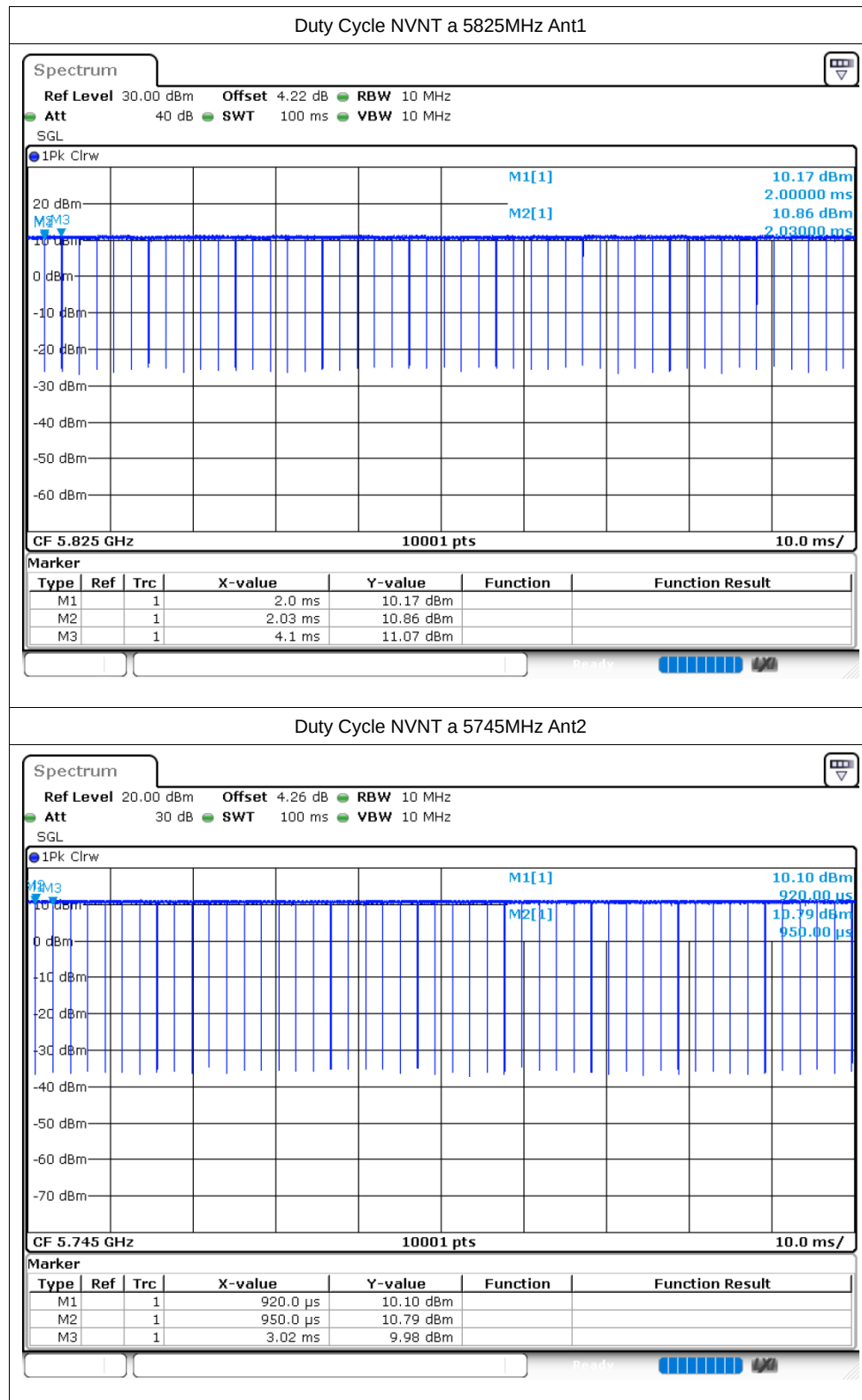
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

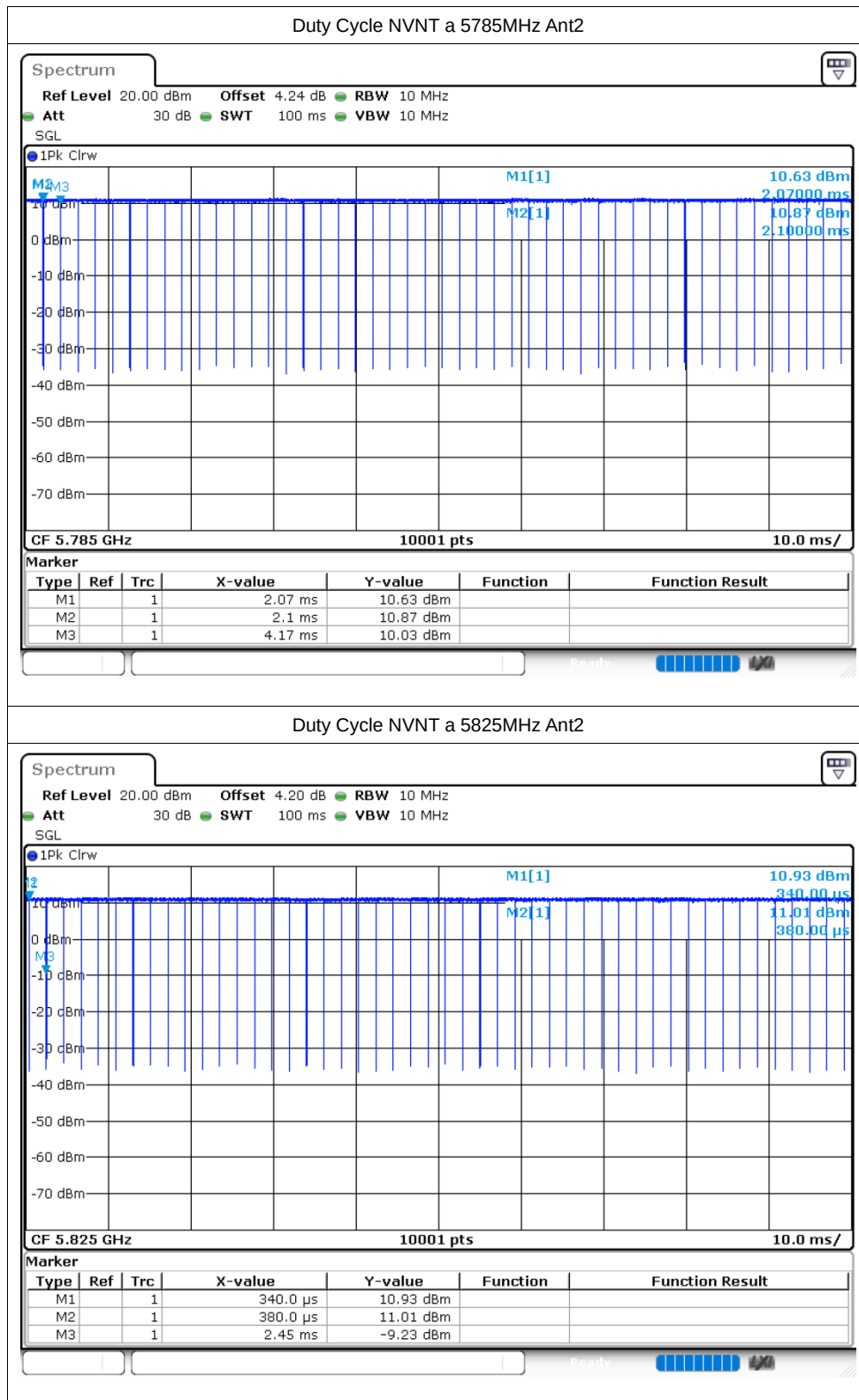
1Pk Clrw

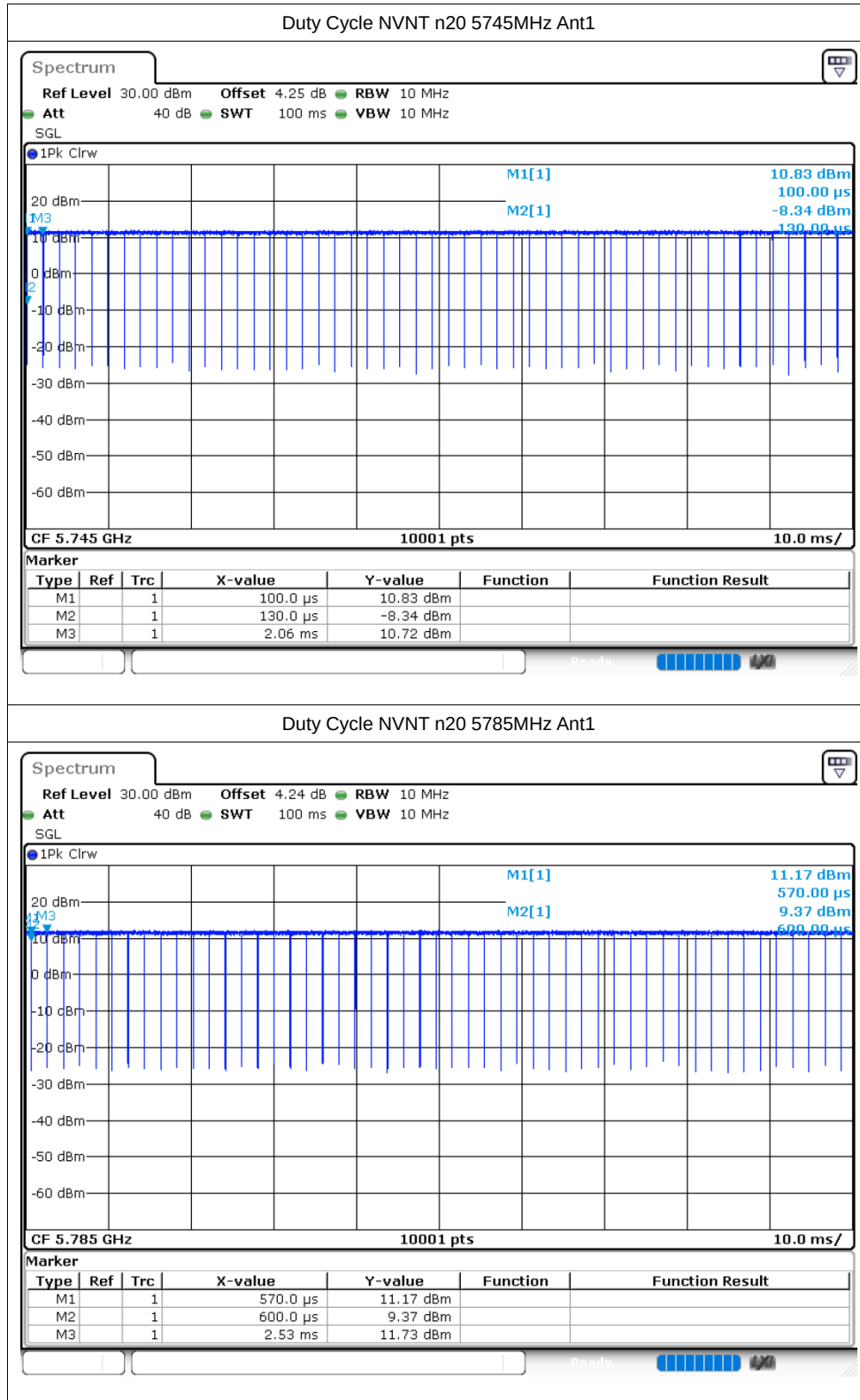


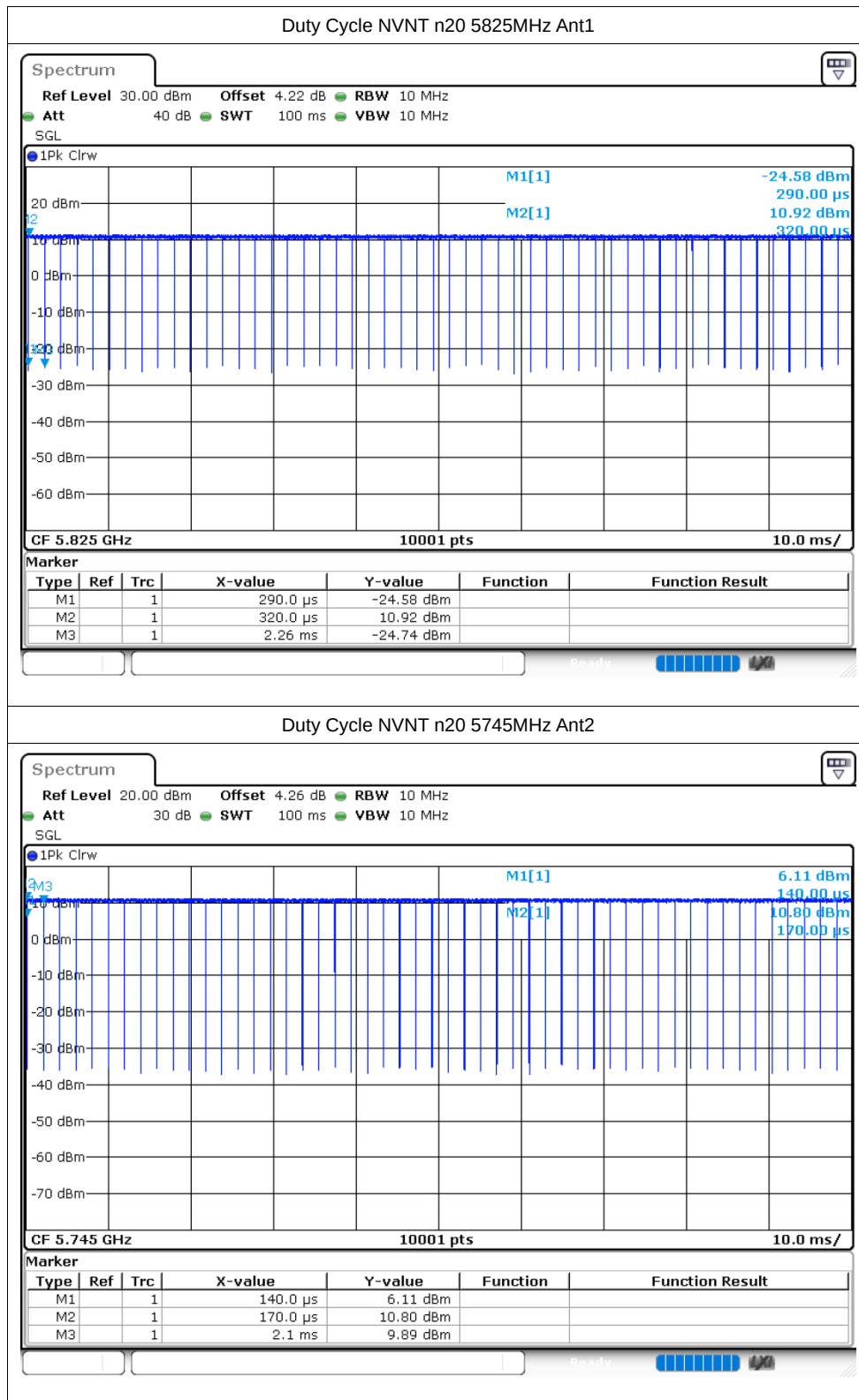
Marker

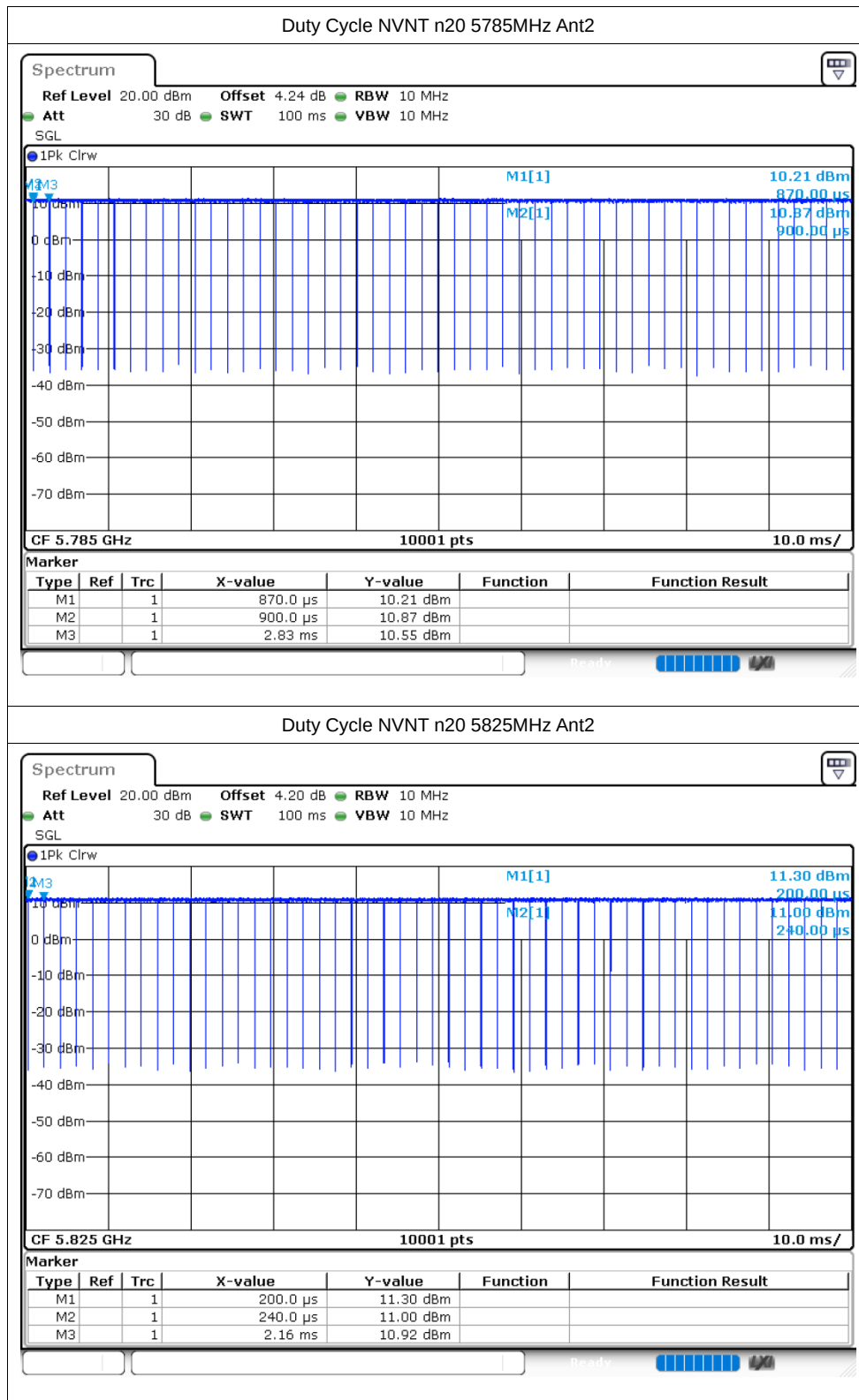
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	1.06 ms	11.39 dBm		
M2	1	1	1.1 ms	11.64 dBm		
M3	1	1	3.16 ms	11.34 dBm		

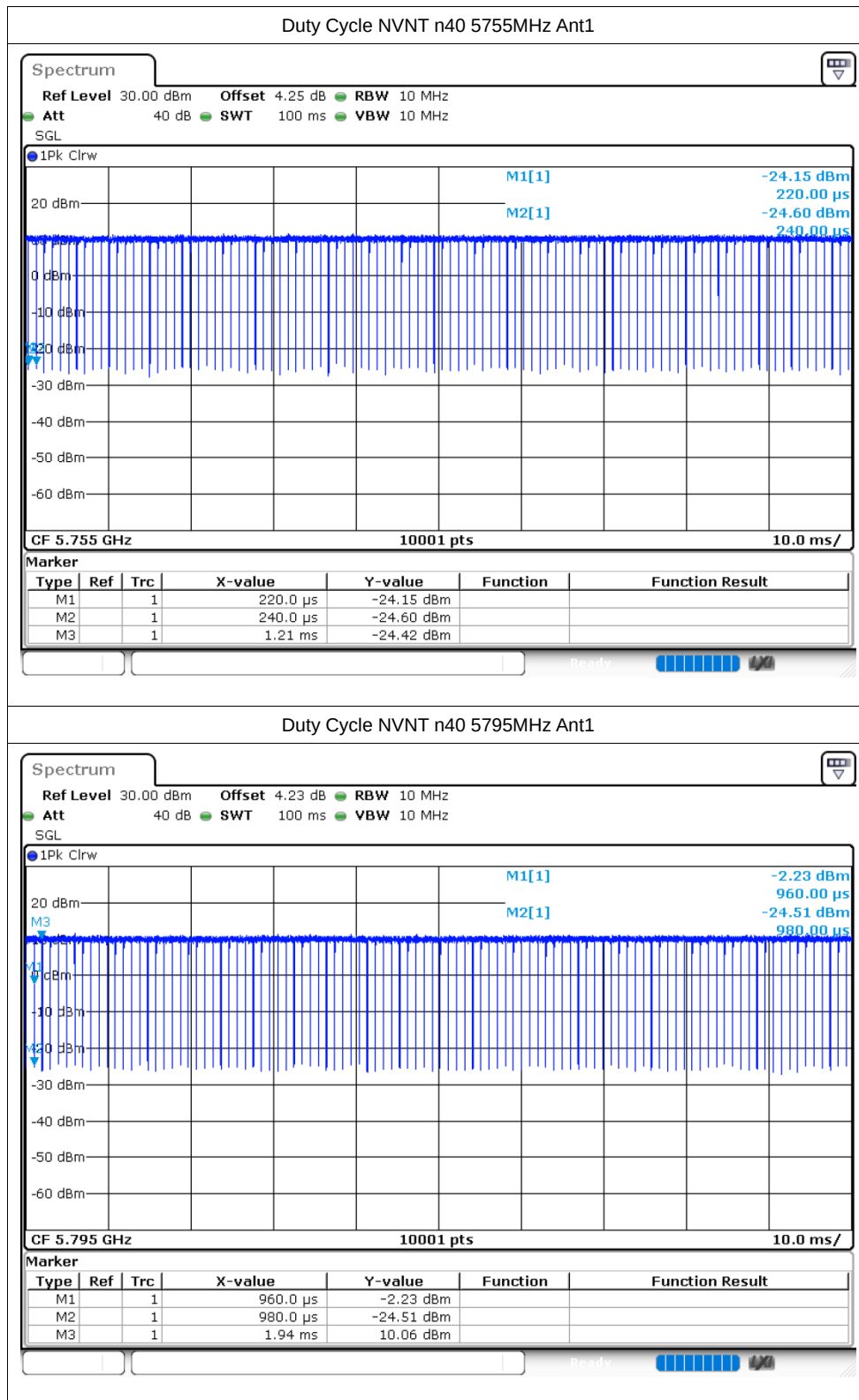


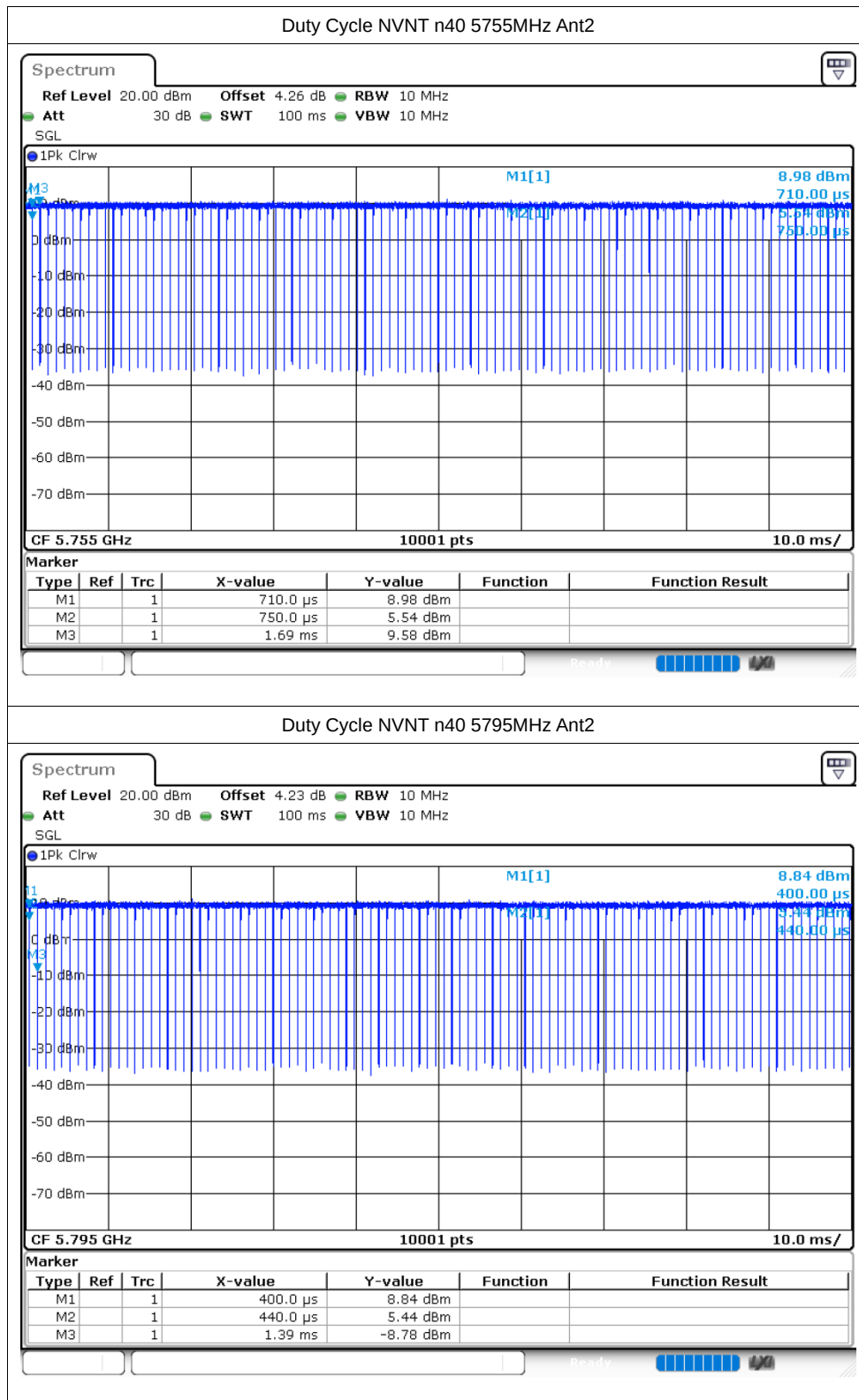


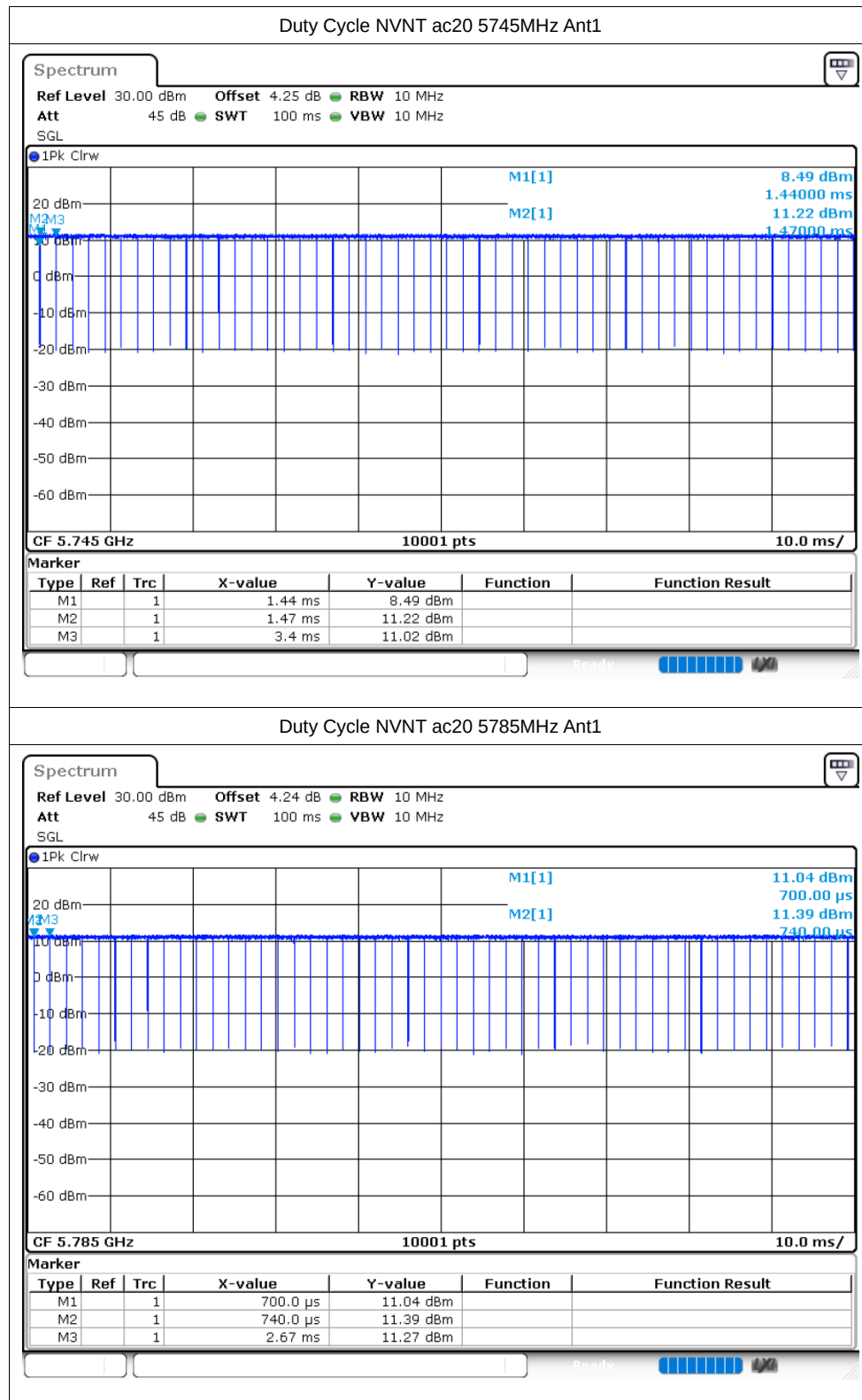


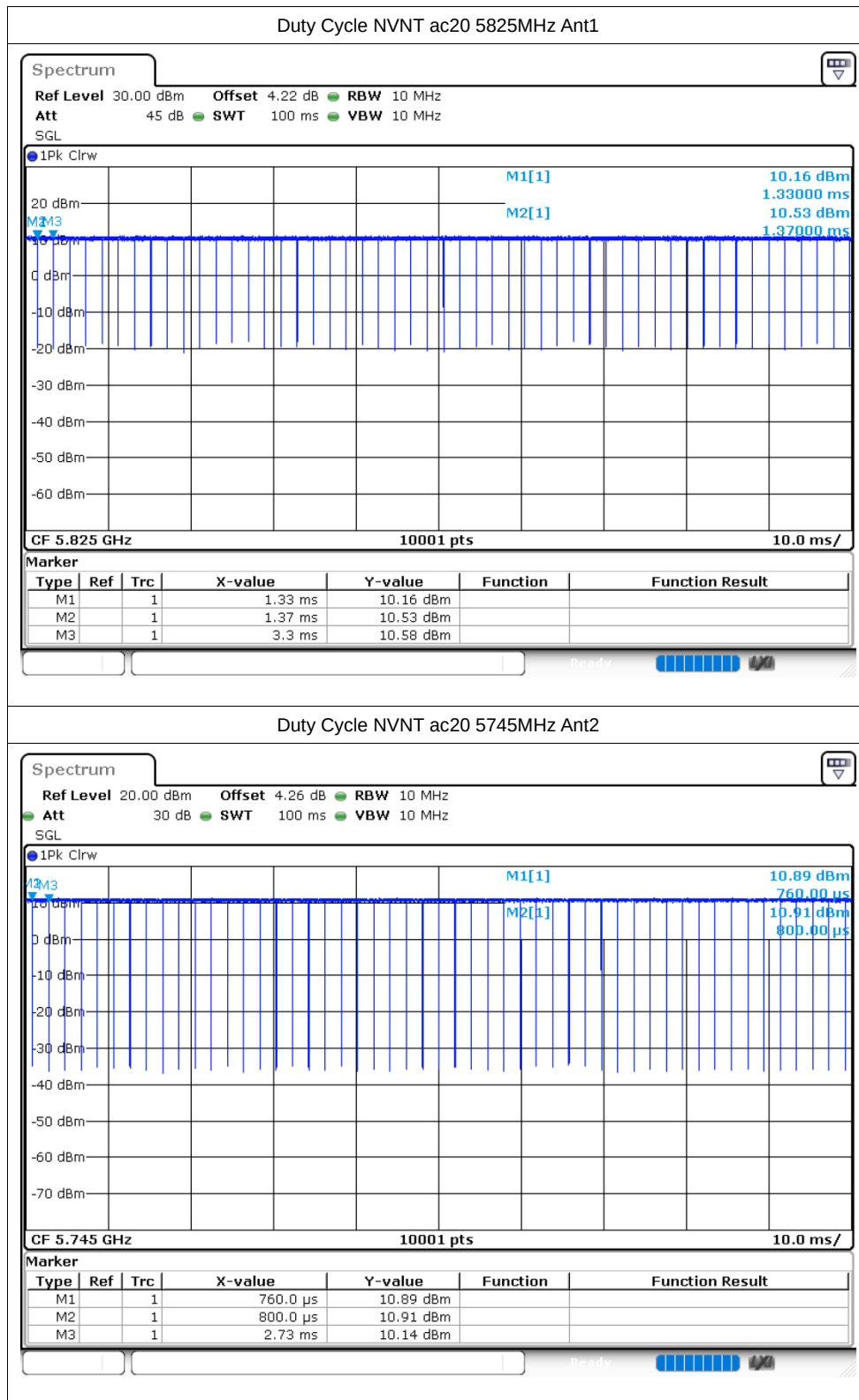


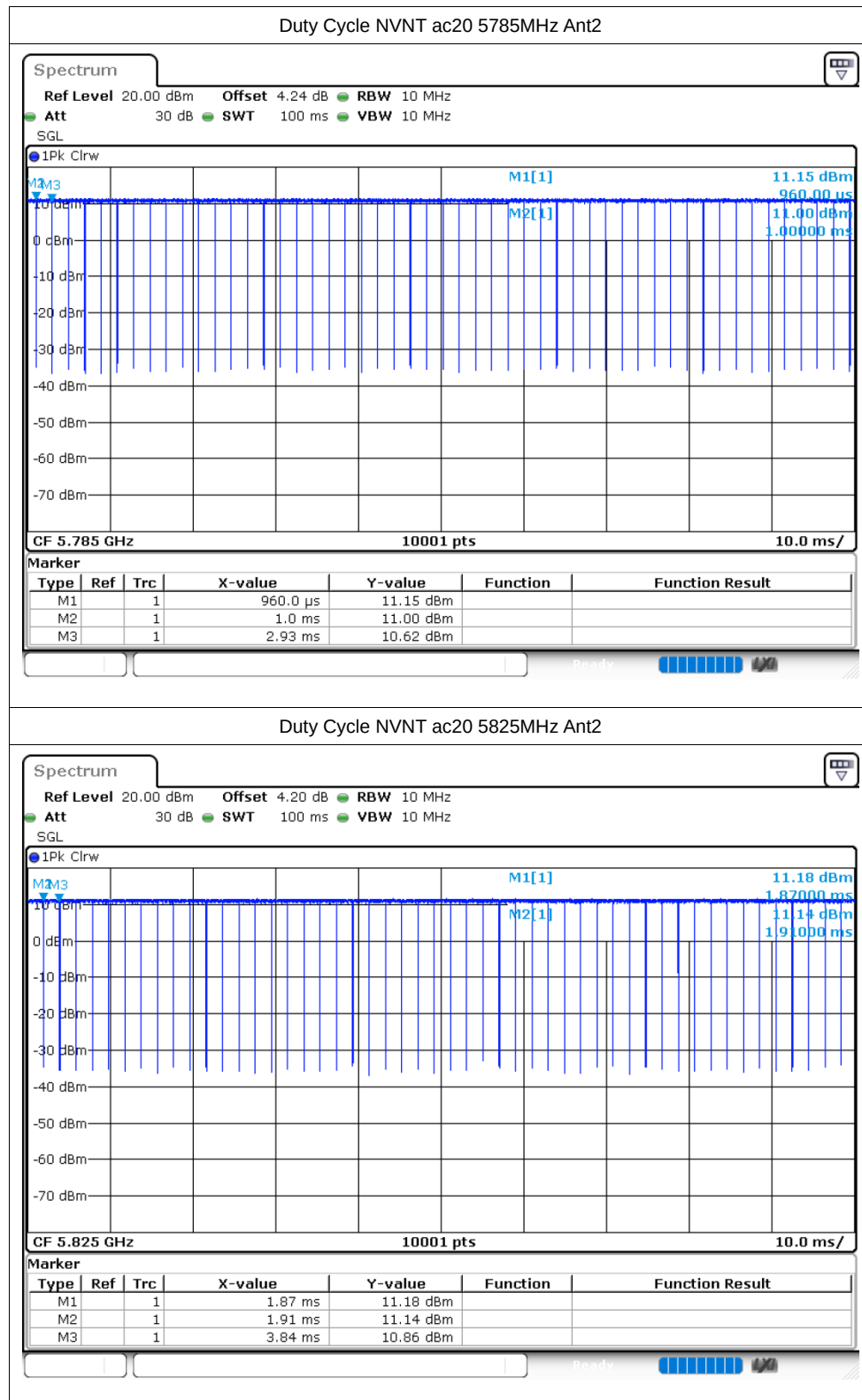


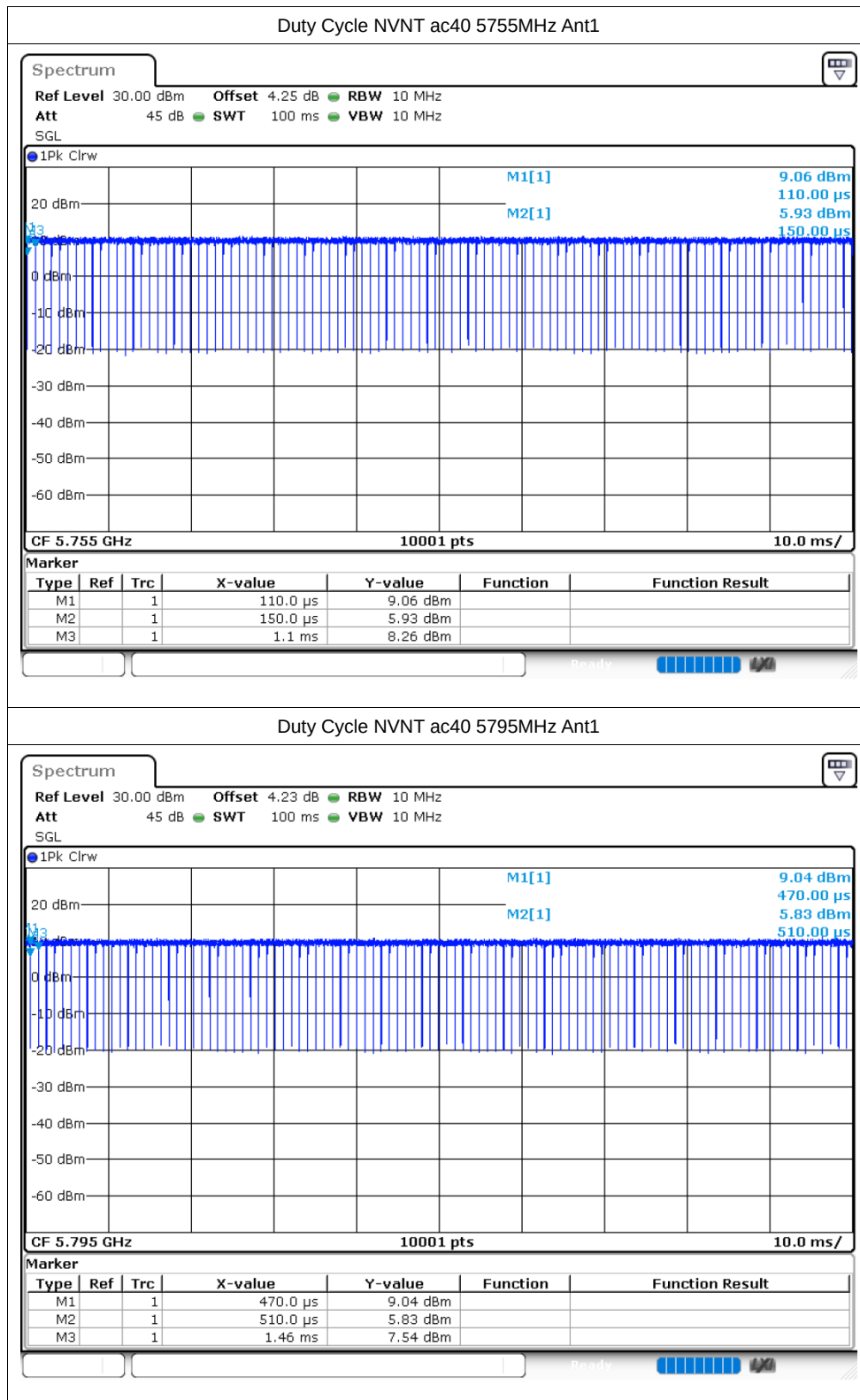


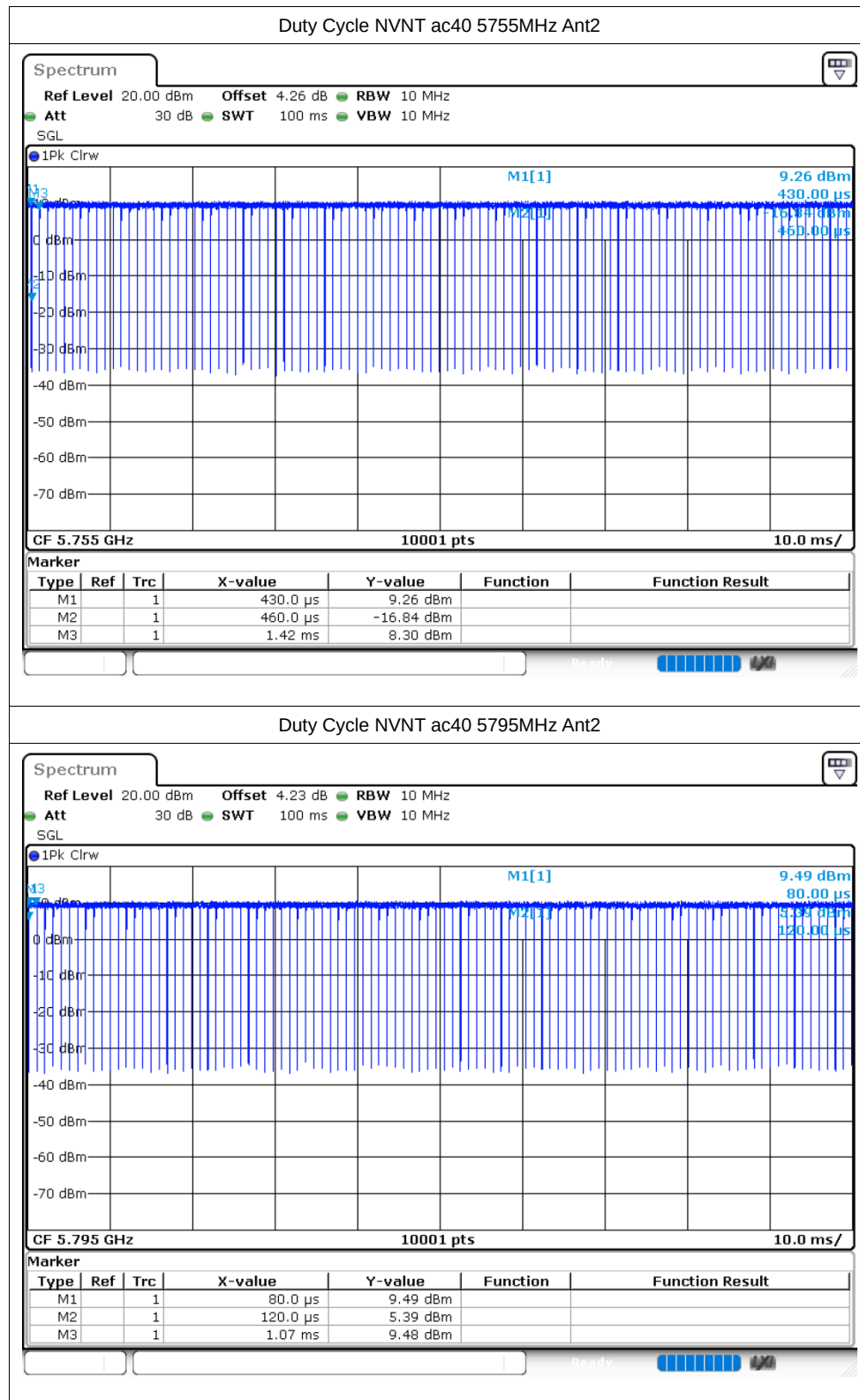


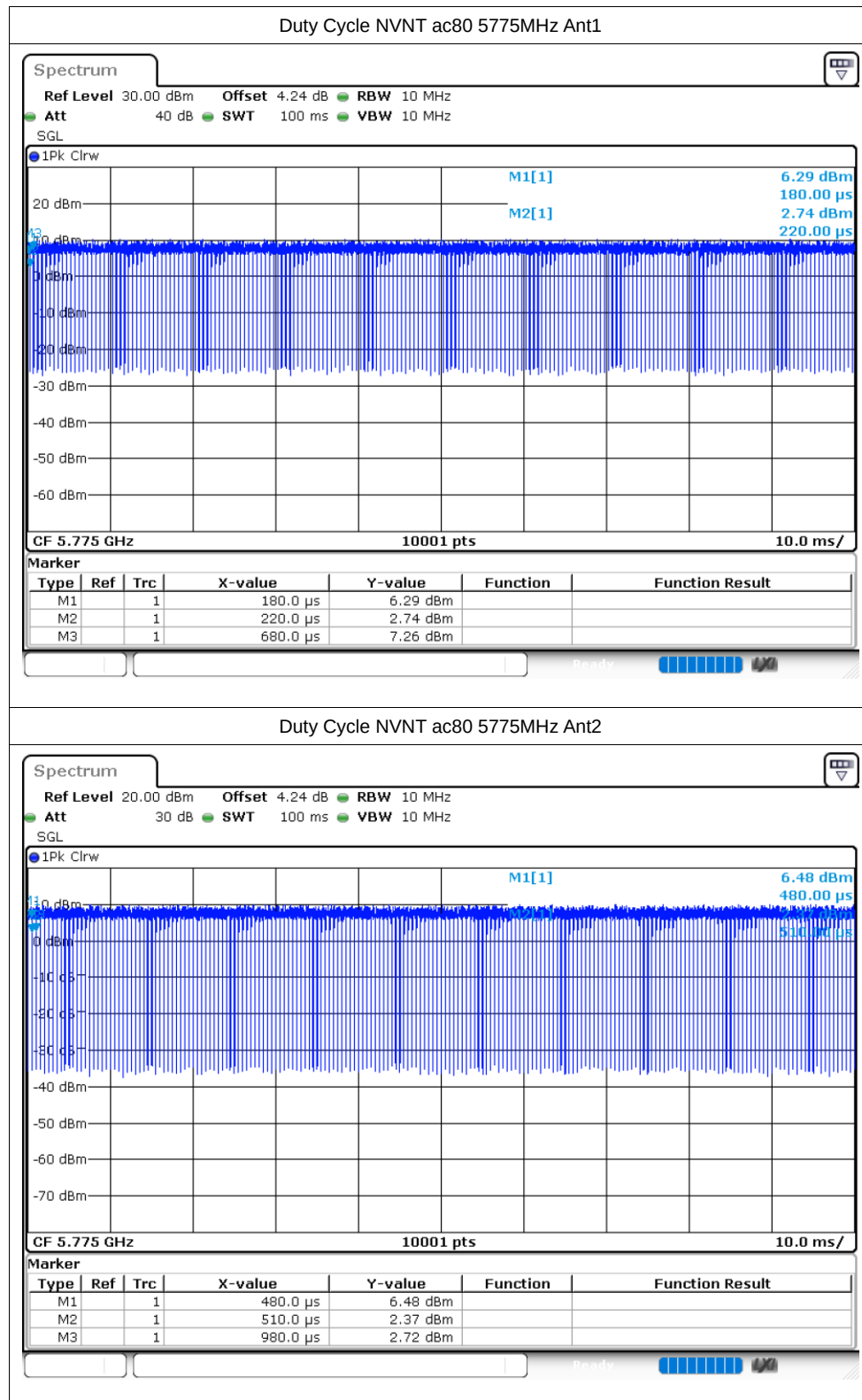












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.16	30	Pass
NVNT	a	5785	Ant1	9.4	30	Pass
NVNT	a	5825	Ant1	9.02	30	Pass
NVNT	a	5745	Ant2	9	30	Pass
NVNT	a	5785	Ant2	9.95	30	Pass
NVNT	a	5825	Ant2	10.52	30	Pass
NVNT	n20	5745	Ant1	10.05	30	Pass
NVNT	n20	5785	Ant1	9.58	30	Pass
NVNT	n20	5825	Ant1	9.06	30	Pass
NVNT	n20	5745	Ant2	8.84	30	Pass
NVNT	n20	5785	Ant2	9.87	30	Pass
NVNT	n20	5825	Ant2	10.45	30	Pass
NVNT	n40	5755	Ant1	10.3	30	Pass
NVNT	n40	5795	Ant1	9.53	30	Pass
NVNT	n40	5755	Ant2	9.15	30	Pass
NVNT	n40	5795	Ant2	10.21	30	Pass
NVNT	ac20	5745	Ant1	10.08	30	Pass
NVNT	ac20	5785	Ant1	9.26	30	Pass
NVNT	ac20	5825	Ant1	8.87	30	Pass
NVNT	ac20	5745	Ant2	8.96	30	Pass
NVNT	ac20	5785	Ant2	9.8	30	Pass
NVNT	ac20	5825	Ant2	10.5	30	Pass
NVNT	ac40	5755	Ant1	10.1	30	Pass
NVNT	ac40	5795	Ant1	9.56	30	Pass
NVNT	ac40	5755	Ant2	9.18	30	Pass
NVNT	ac40	5795	Ant2	10.28	30	Pass
NVNT	ac80	5775	Ant1	9.44	30	Pass
NVNT	ac80	5775	Ant2	9.39	30	Pass

Note: The conducted power values of Ant1 and Ant 2 already include the duty cycle factor.

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.427	0.5	Pass
NVNT	a	5785	Ant1	16.296	0.5	Pass
NVNT	a	5825	Ant1	15.666	0.5	Pass
NVNT	a	5745	Ant2	16.35	0.5	Pass
NVNT	a	5785	Ant2	15.279	0.5	Pass
NVNT	a	5825	Ant2	16.356	0.5	Pass
NVNT	n20	5745	Ant1	17.592	0.5	Pass
NVNT	n20	5785	Ant1	17.583	0.5	Pass
NVNT	n20	5825	Ant1	17.592	0.5	Pass
NVNT	n20	5745	Ant2	17.559	0.5	Pass
NVNT	n20	5785	Ant2	17.139	0.5	Pass
NVNT	n20	5825	Ant2	17.172	0.5	Pass
NVNT	n40	5755	Ant1	35.016	0.5	Pass
NVNT	n40	5795	Ant1	36.33	0.5	Pass
NVNT	n40	5755	Ant2	33.822	0.5	Pass
NVNT	n40	5795	Ant2	34.974	0.5	Pass
NVNT	ac20	5745	Ant1	17.595	0.5	Pass
NVNT	ac20	5785	Ant1	15.924	0.5	Pass
NVNT	ac20	5825	Ant1	17.577	0.5	Pass
NVNT	ac20	5745	Ant2	17.619	0.5	Pass
NVNT	ac20	5785	Ant2	17.571	0.5	Pass
NVNT	ac20	5825	Ant2	17.601	0.5	Pass
NVNT	ac40	5755	Ant1	36.342	0.5	Pass
NVNT	ac40	5795	Ant1	35.298	0.5	Pass
NVNT	ac40	5755	Ant2	33.792	0.5	Pass
NVNT	ac40	5795	Ant2	36.354	0.5	Pass
NVNT	ac80	5775	Ant1	75.06	0.5	Pass
NVNT	ac80	5775	Ant2	75.036	0.5	Pass