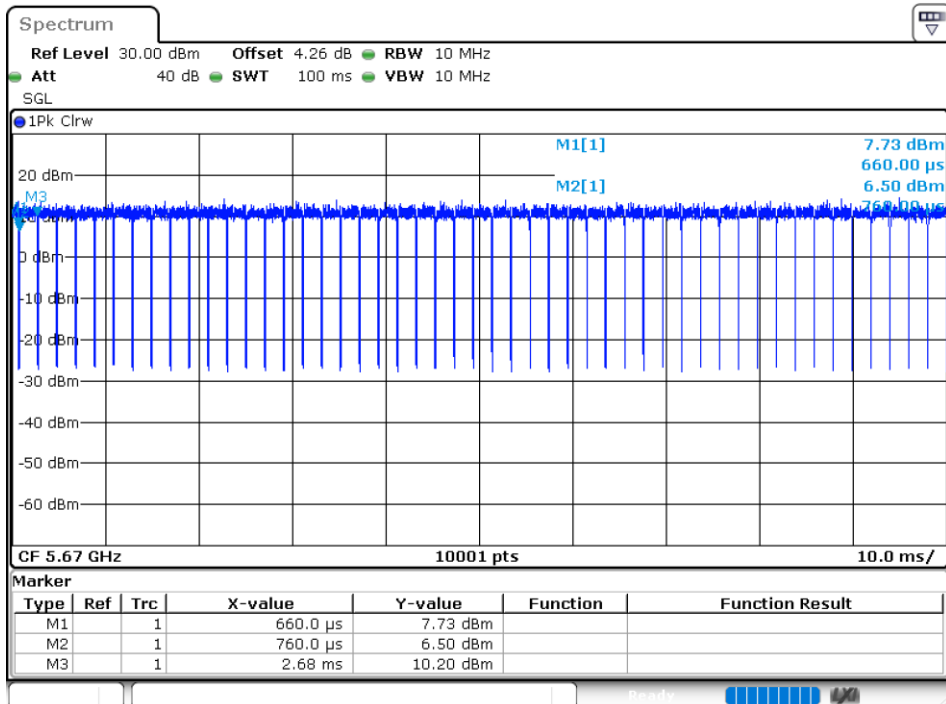


Duty Cycle NVNT ax40 5670MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	11.19	24	Pass
NVNT	a	5600	Ant1	10.23	24	Pass
NVNT	a	5700	Ant1	10.11	24	Pass
NVNT	n20	5500	Ant1	11	24	Pass
NVNT	n20	5600	Ant1	10.32	24	Pass
NVNT	n20	5700	Ant1	10.08	24	Pass
NVNT	n40	5510	Ant1	9.43	24	Pass
NVNT	n40	5590	Ant1	10.04	24	Pass
NVNT	n40	5670	Ant1	10.66	24	Pass
NVNT	ac20	5500	Ant1	11.36	24	Pass
NVNT	ac20	5600	Ant1	10.18	24	Pass
NVNT	ac20	5700	Ant1	10.09	24	Pass
NVNT	ac40	5510	Ant1	9.41	24	Pass
NVNT	ac40	5590	Ant1	10.07	24	Pass
NVNT	ac40	5670	Ant1	10.54	24	Pass
NVNT	ax20	5500	Ant1	11.08	24	Pass
NVNT	ax20	5600	Ant1	10.28	24	Pass
NVNT	ax20	5700	Ant1	10.05	24	Pass
NVNT	ax40	5510	Ant1	9.35	24	Pass
NVNT	ax40	5590	Ant1	9.84	24	Pass
NVNT	ax40	5670	Ant1	10.75	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	29.292	Pass
NVNT	a	5600	Ant1	23.751	Pass
NVNT	a	5700	Ant1	23.649	Pass
NVNT	n20	5500	Ant1	30	Pass
NVNT	n20	5600	Ant1	26.487	Pass
NVNT	n20	5700	Ant1	23.976	Pass
NVNT	n40	5510	Ant1	51.246	Pass
NVNT	n40	5590	Ant1	53.826	Pass
NVNT	n40	5670	Ant1	57.756	Pass
NVNT	ac20	5500	Ant1	30	Pass
NVNT	ac20	5600	Ant1	25.311	Pass
NVNT	ac20	5700	Ant1	25.284	Pass
NVNT	ac40	5510	Ant1	49.758	Pass
NVNT	ac40	5590	Ant1	55.308	Pass
NVNT	ac40	5670	Ant1	58.056	Pass
NVNT	ax20	5500	Ant1	27.204	Pass
NVNT	ax20	5600	Ant1	23.952	Pass
NVNT	ax20	5700	Ant1	25.767	Pass
NVNT	ax40	5510	Ant1	46.092	Pass
NVNT	ax40	5590	Ant1	51.996	Pass
NVNT	ax40	5670	Ant1	54.174	Pass

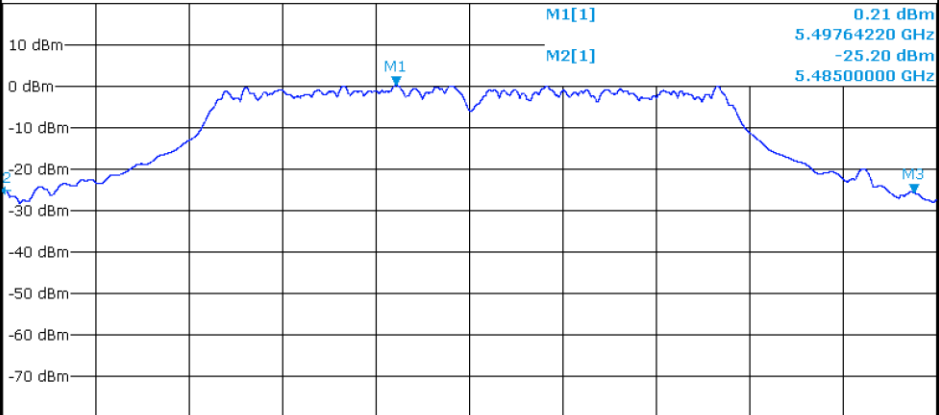
Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

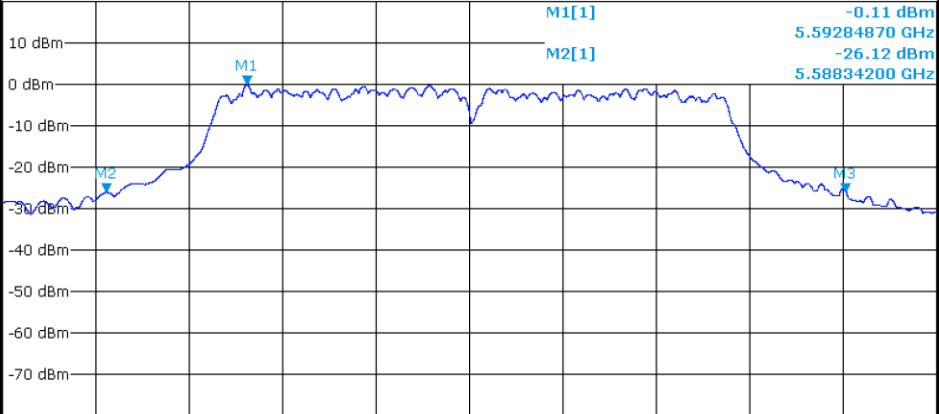
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.4976422 GHz	0.21 dBm		
M2	1	1	5.485 GHz	-25.20 dBm		
M3	1	1	5.514292 GHz	-25.79 dBm		

-26dB Bandwidth NVNT a 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

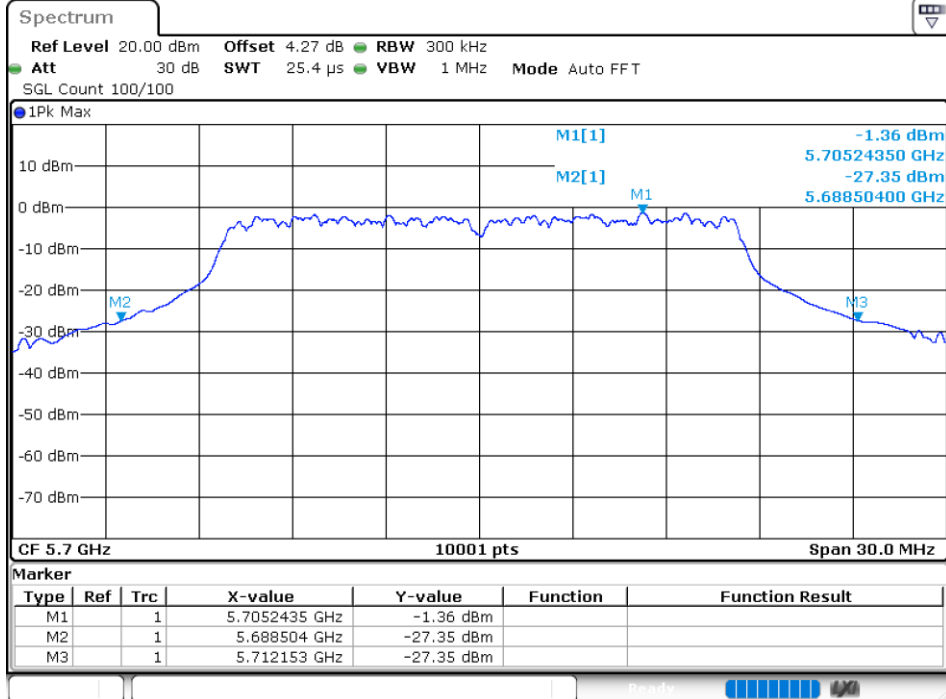
1Pk Max



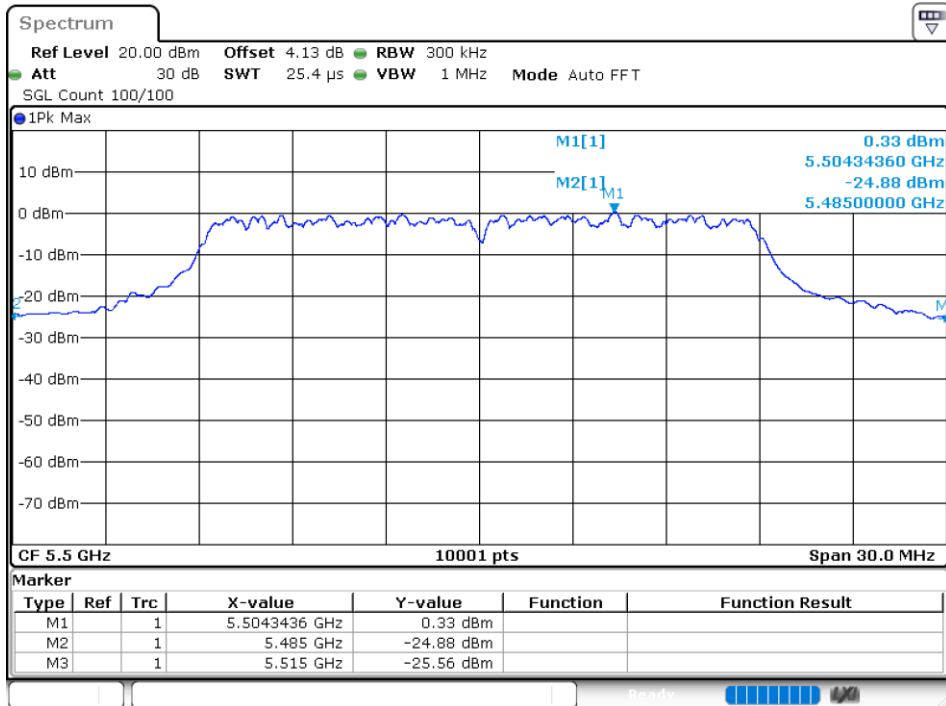
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5928487 GHz	-0.11 dBm		
M2	1	1	5.58342 GHz	-26.12 dBm		
M3	1	1	5.612093 GHz	-26.08 dBm		

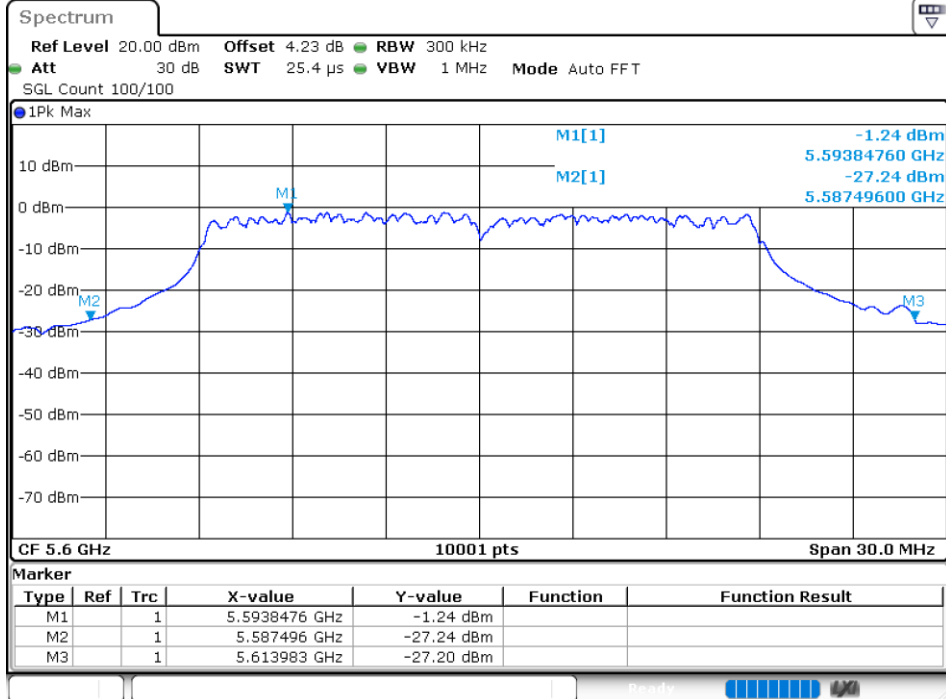
-26dB Bandwidth NVNT a 5700MHz Ant1



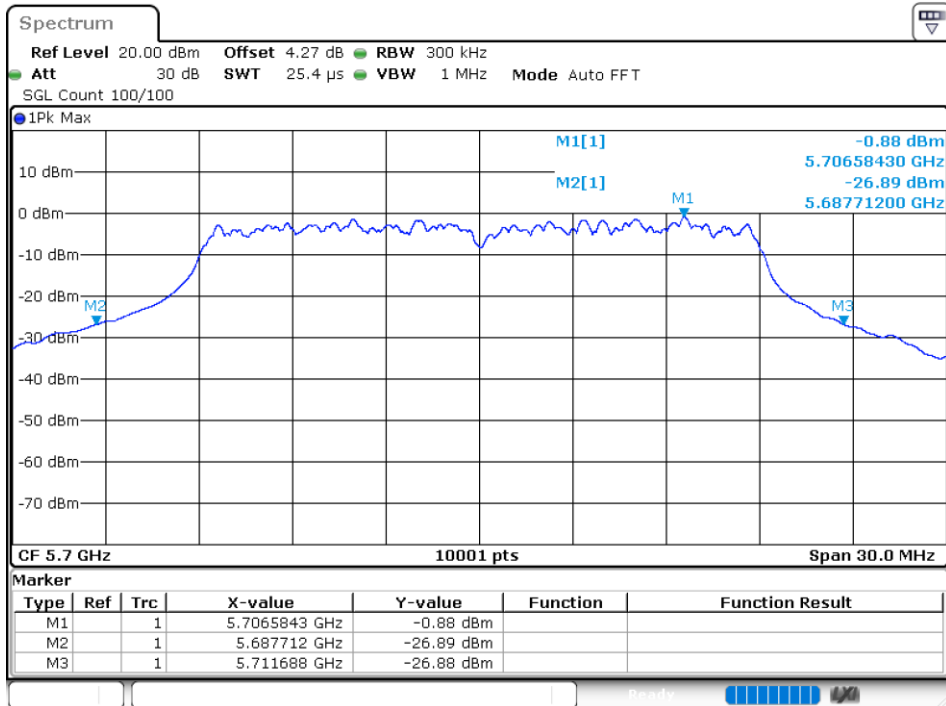
-26dB Bandwidth NVNT n20 5500MHz Ant1



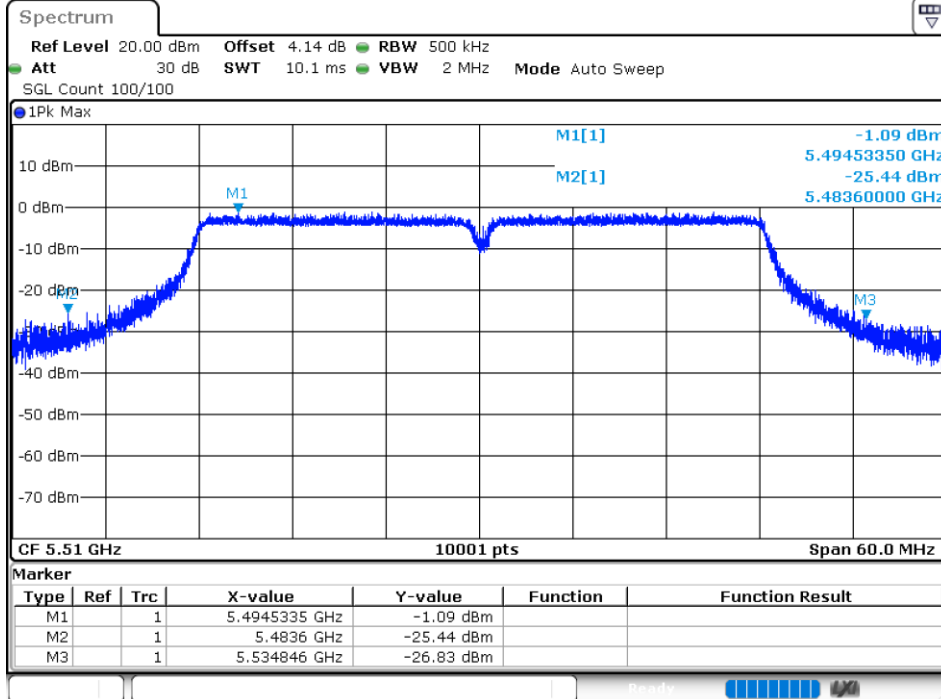
-26dB Bandwidth NVNT n20 5600MHz Ant1



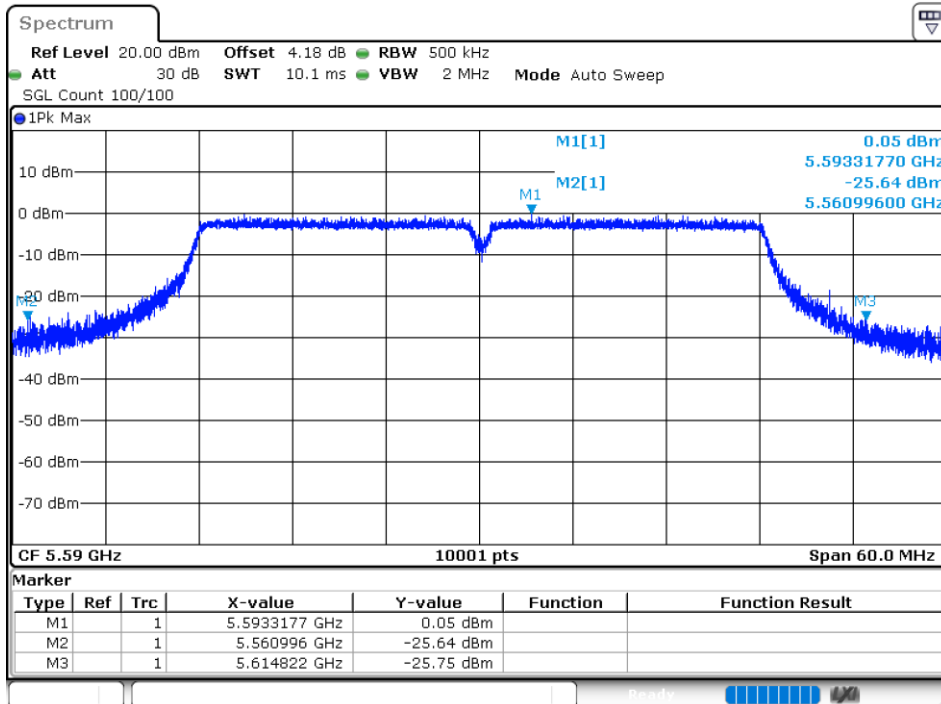
-26dB Bandwidth NVNT n20 5700MHz Ant1



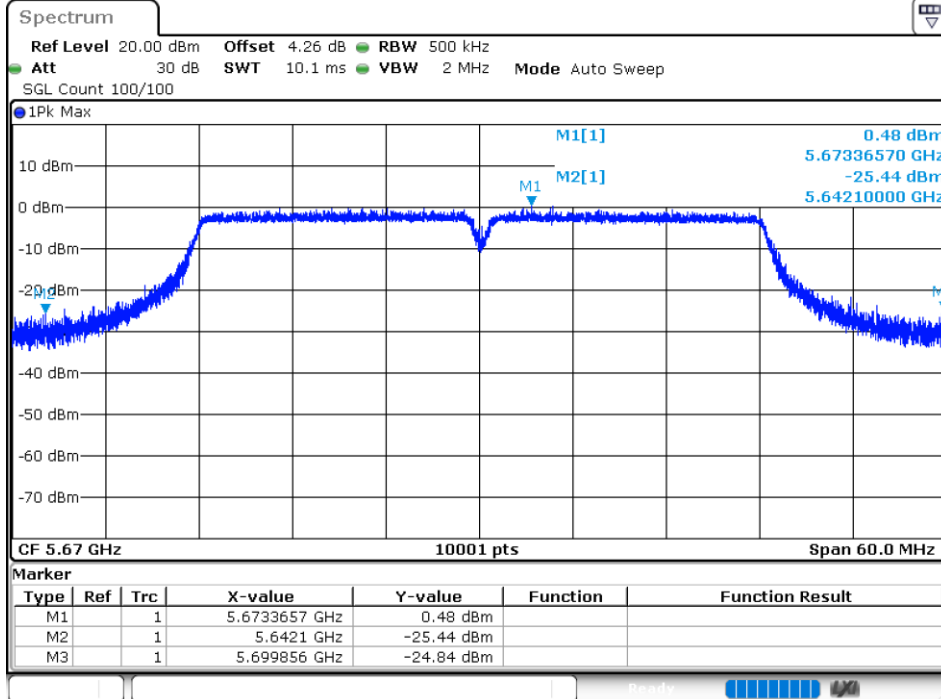
-26dB Bandwidth NVNT n40 5510MHz Ant1



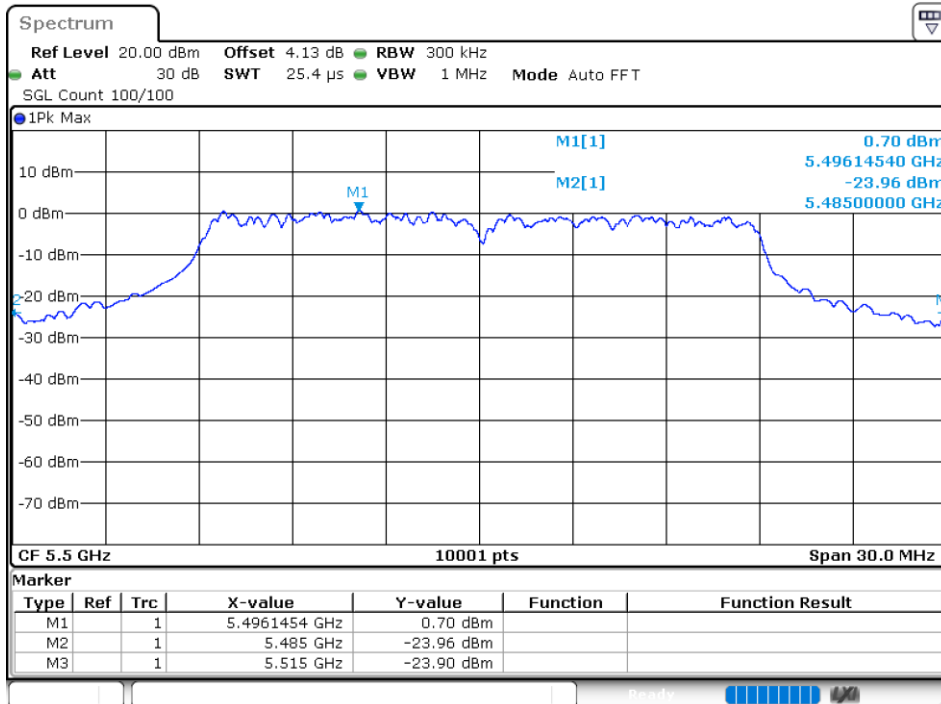
-26dB Bandwidth NVNT n40 5590MHz Ant1



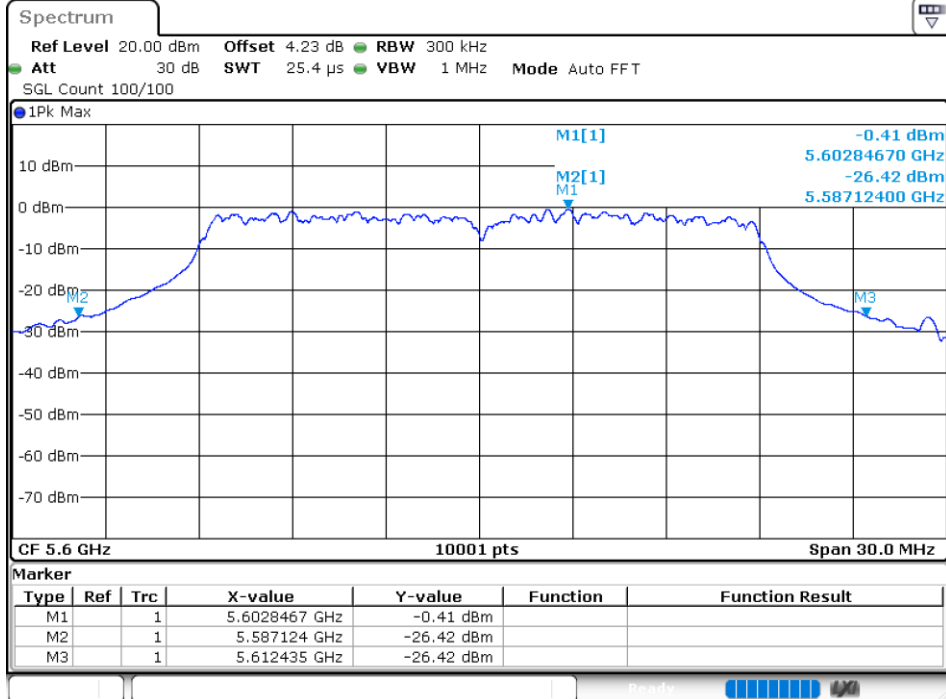
-26dB Bandwidth NVNT n40 5670MHz Ant1



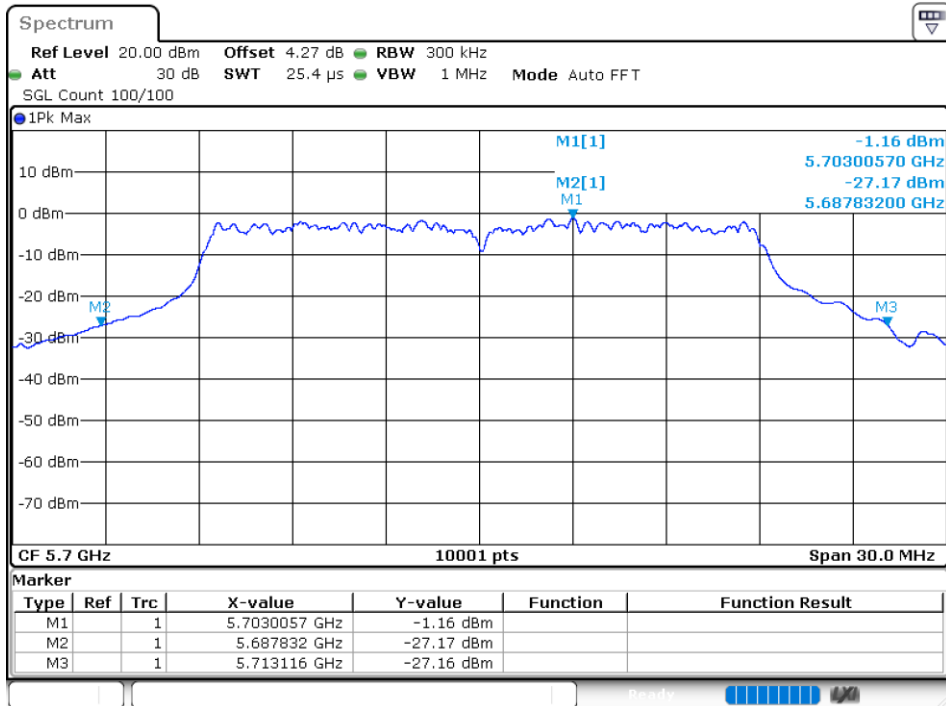
-26dB Bandwidth NVNT ac20 5500MHz Ant1



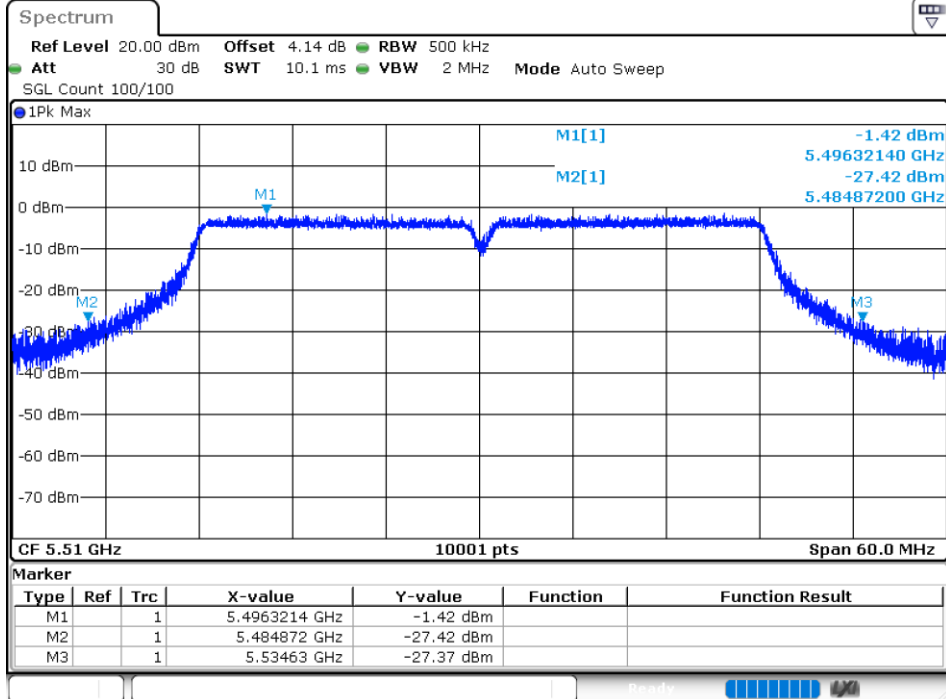
-26dB Bandwidth NVNT ac20 5600MHz Ant1



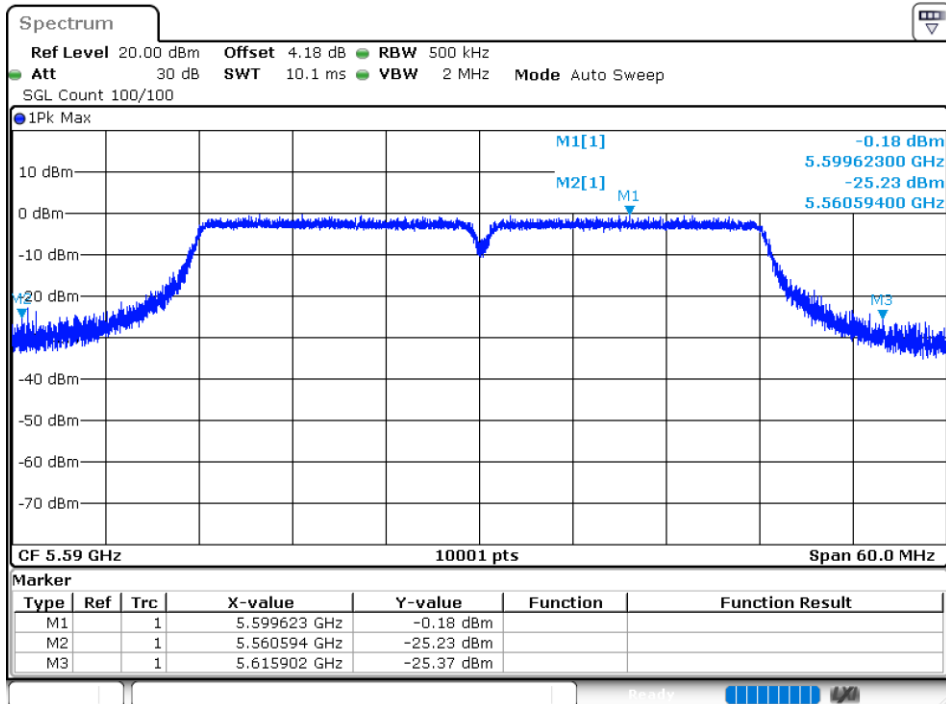
-26dB Bandwidth NVNT ac20 5700MHz Ant1



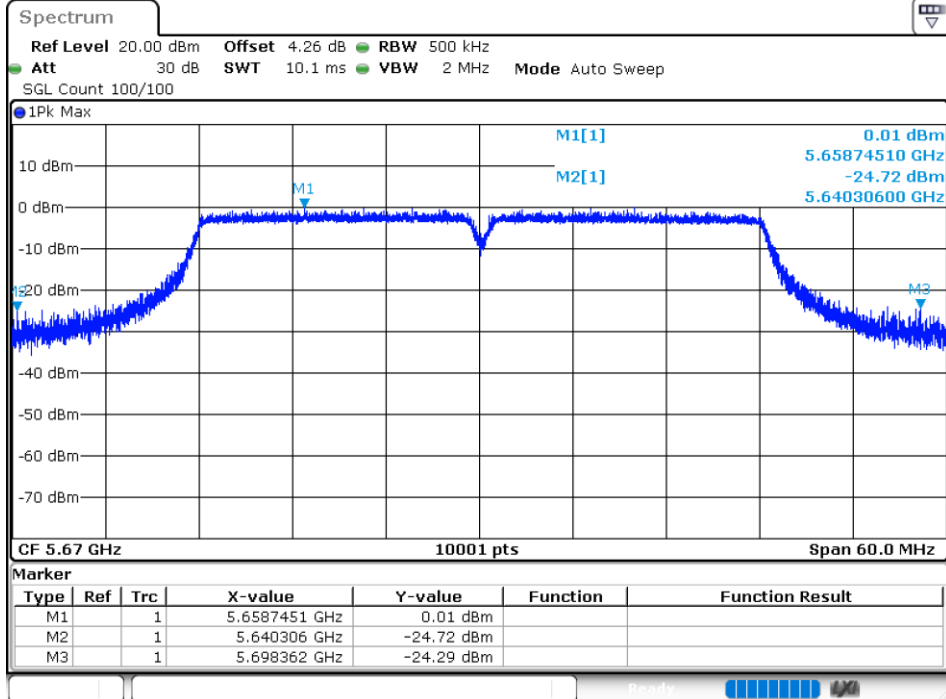
-26dB Bandwidth NVNT ac40 5510MHz Ant1



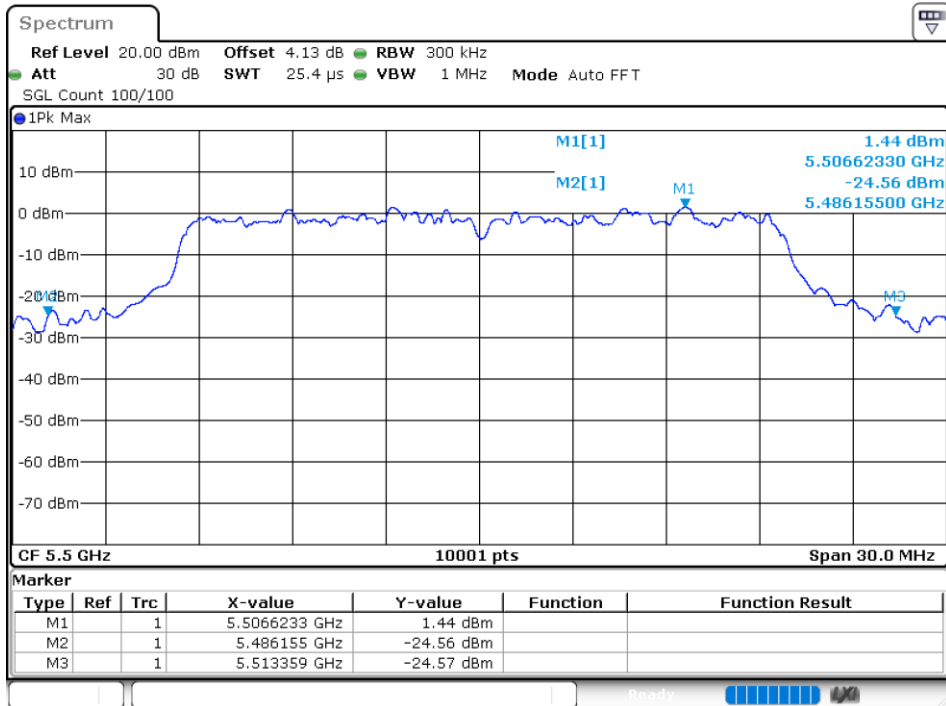
-26dB Bandwidth NVNT ac40 5590MHz Ant1



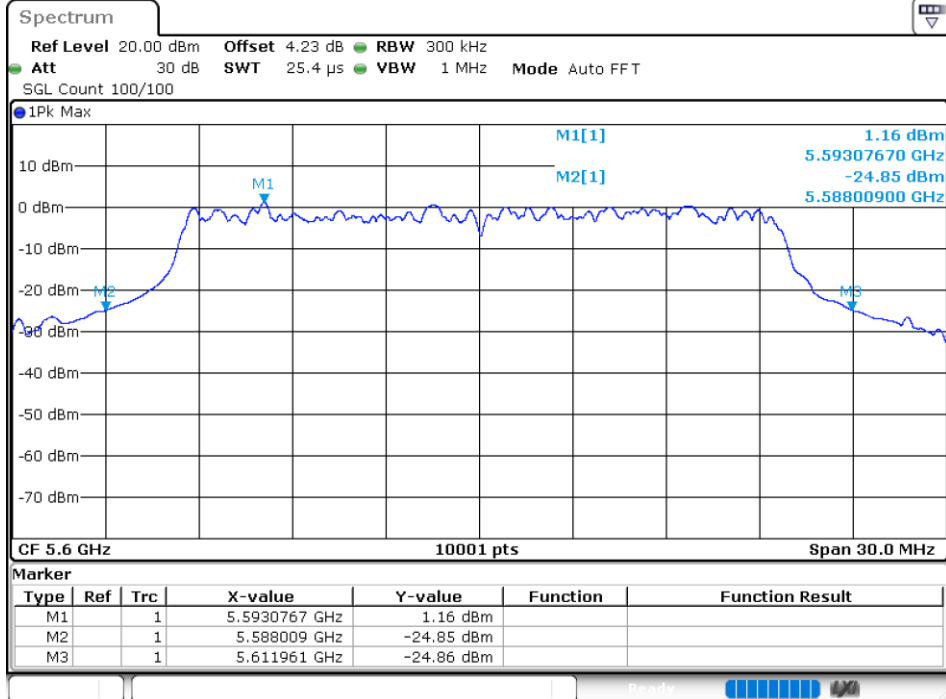
-26dB Bandwidth NVNT ac40 5670MHz Ant1



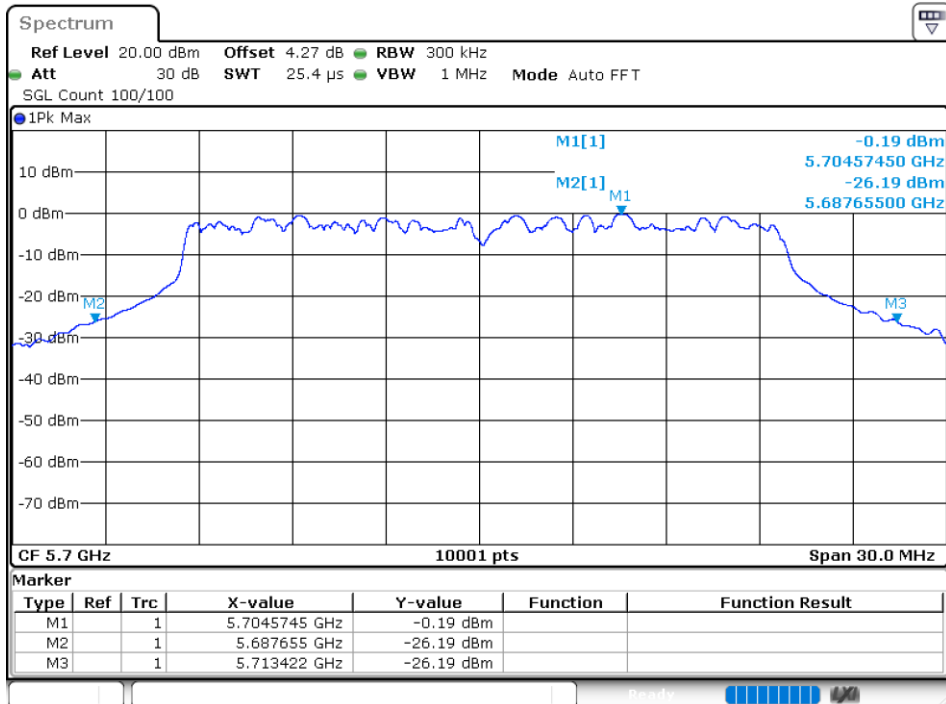
-26dB Bandwidth NVNT ax20 5500MHz Ant1



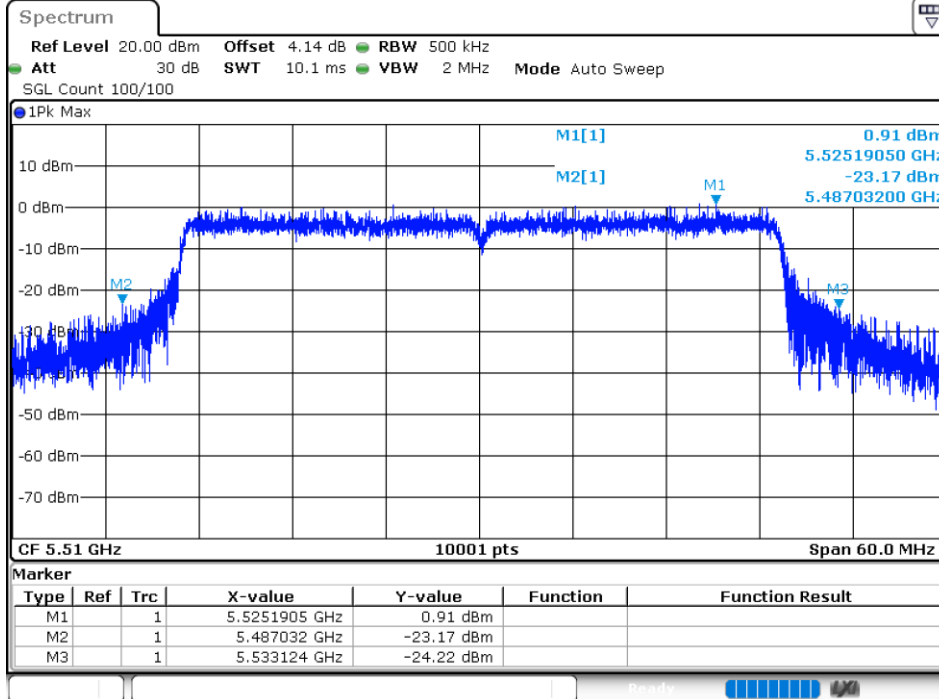
-26dB Bandwidth NVNT ax20 5600MHz Ant1



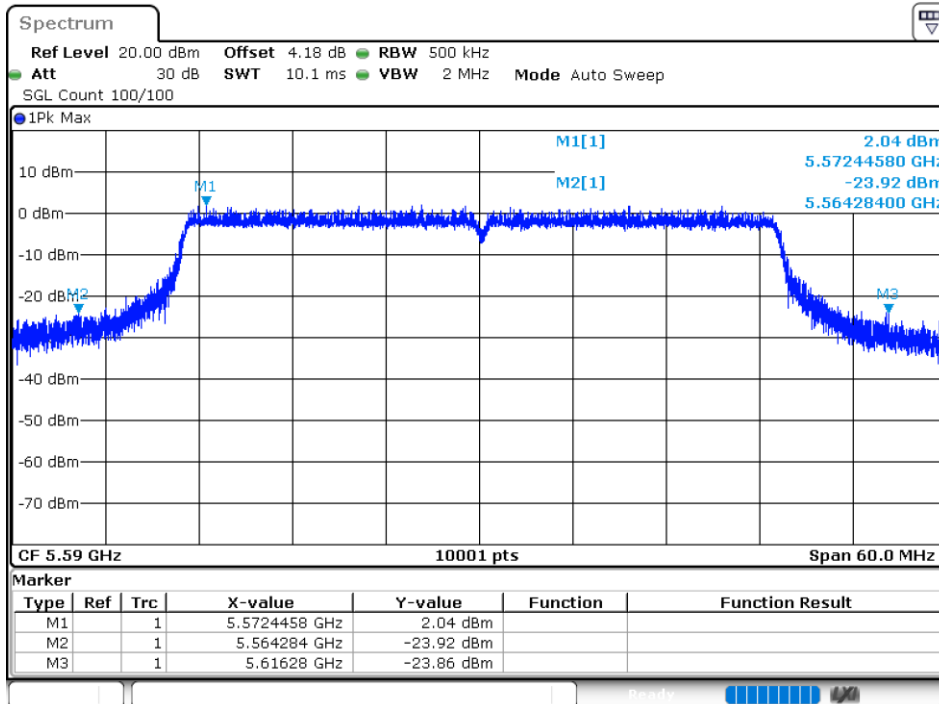
-26dB Bandwidth NVNT ax20 5700MHz Ant1

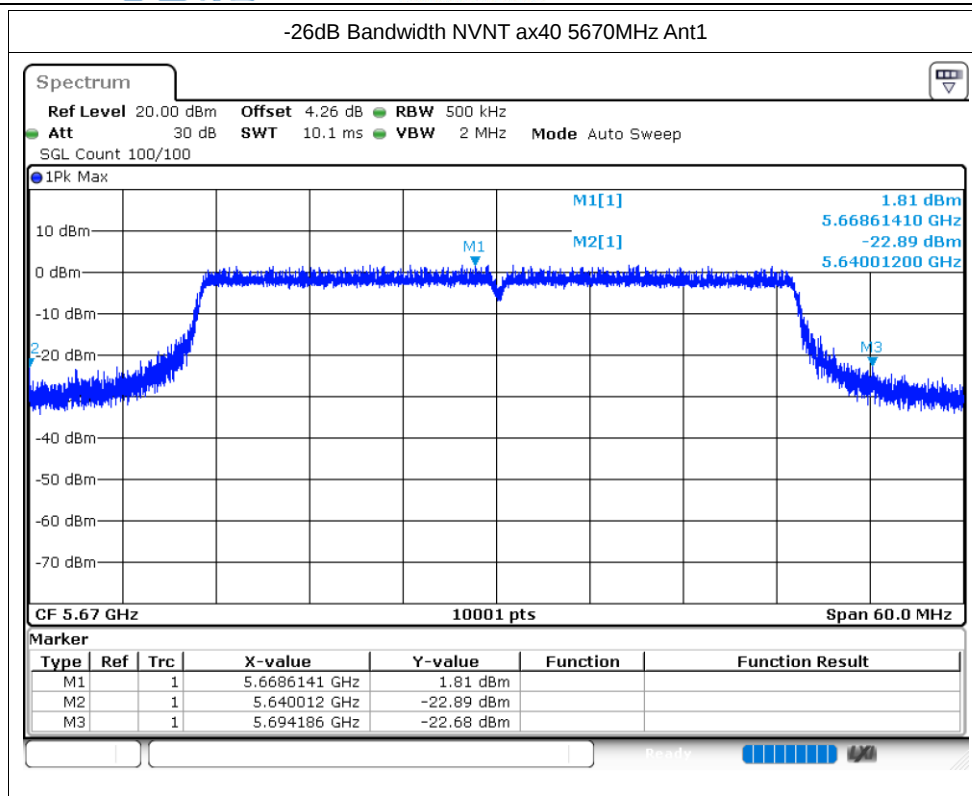


-26dB Bandwidth NVNT ax40 5510MHz Ant1



-26dB Bandwidth NVNT ax40 5590MHz Ant1



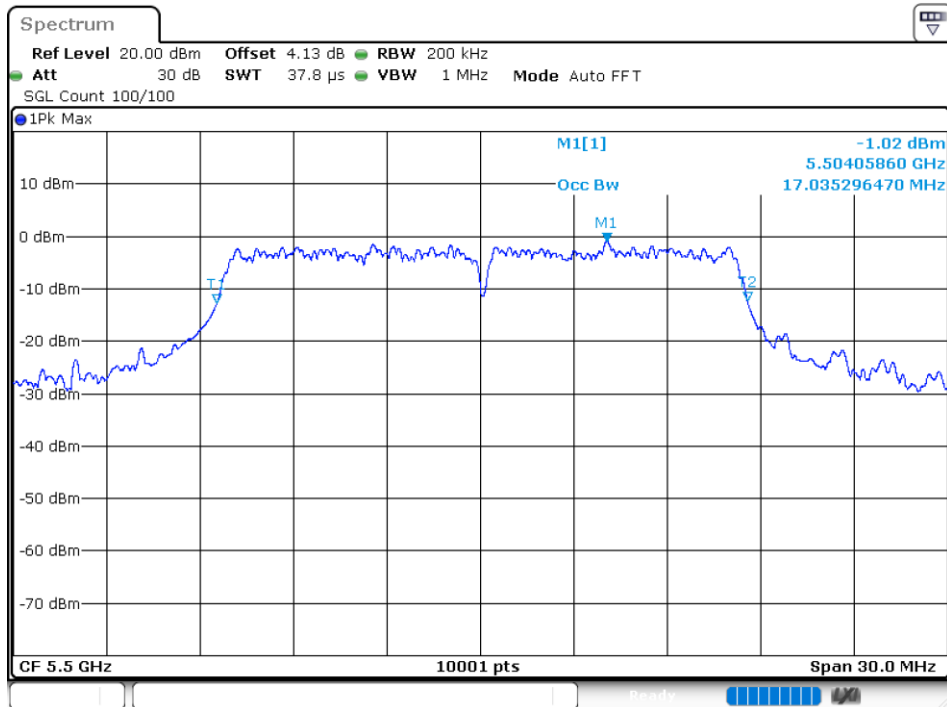


Occupied Channel Bandwidth

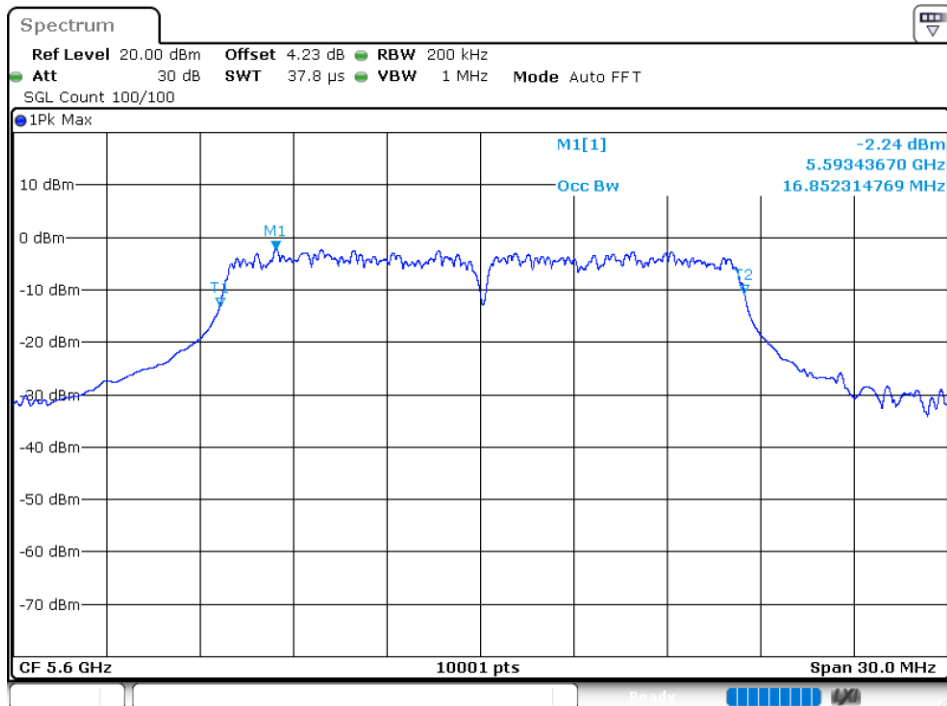
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	17.035
NVNT	a	5600	Ant1	16.852
NVNT	a	5700	Ant1	16.594
NVNT	n20	5500	Ant1	17.965
NVNT	n20	5600	Ant1	17.839
NVNT	n20	5700	Ant1	17.803
NVNT	n40	5510	Ant1	36.902
NVNT	n40	5590	Ant1	36.908
NVNT	n40	5670	Ant1	36.842
NVNT	ac20	5500	Ant1	18.022
NVNT	ac20	5600	Ant1	17.986
NVNT	ac20	5700	Ant1	18.055
NVNT	ac40	5510	Ant1	36.89
NVNT	ac40	5590	Ant1	36.908
NVNT	ac40	5670	Ant1	36.836
NVNT	ax20	5500	Ant1	19.147
NVNT	ax20	5600	Ant1	19.072
NVNT	ax20	5700	Ant1	19.147
NVNT	ax40	5510	Ant1	38
NVNT	ax40	5590	Ant1	38.102
NVNT	ax40	5670	Ant1	38.096

Test Graphs

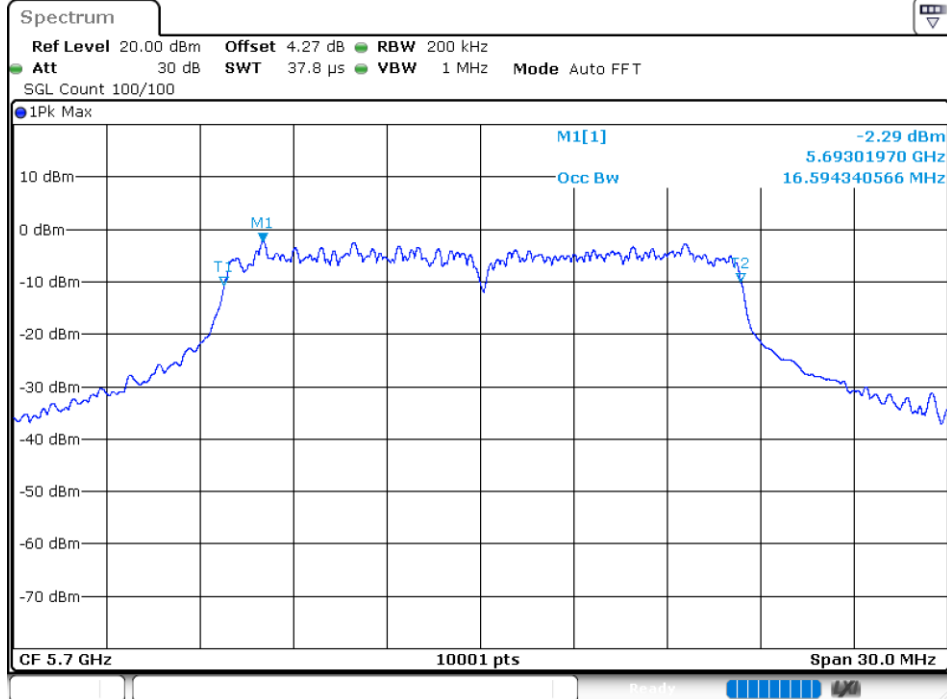
OBW NVNT a 5500MHz Ant1



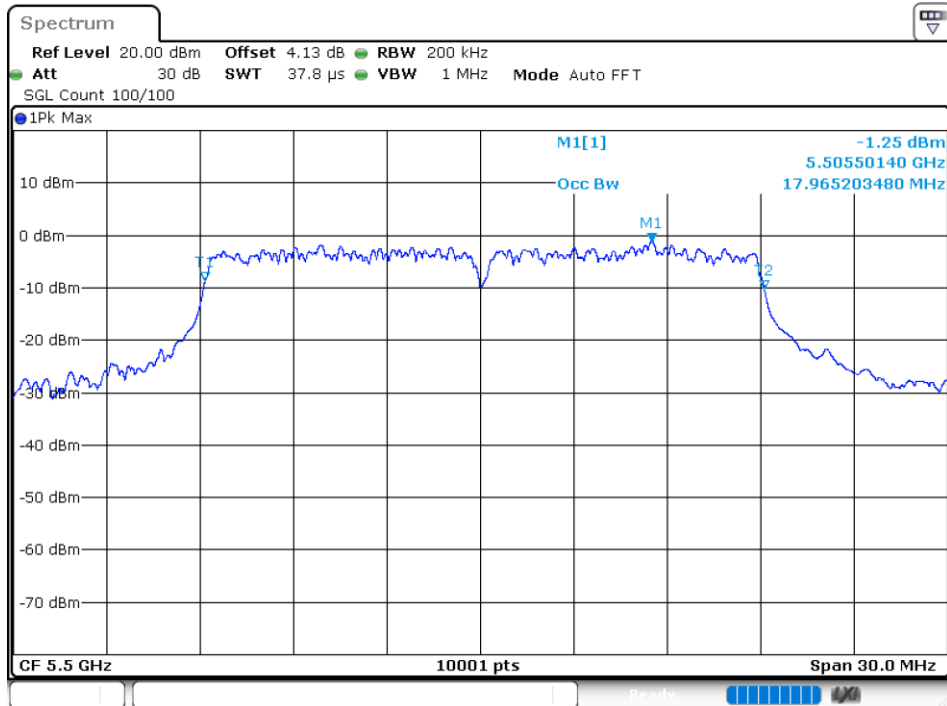
OBW NVNT a 5600MHz Ant1



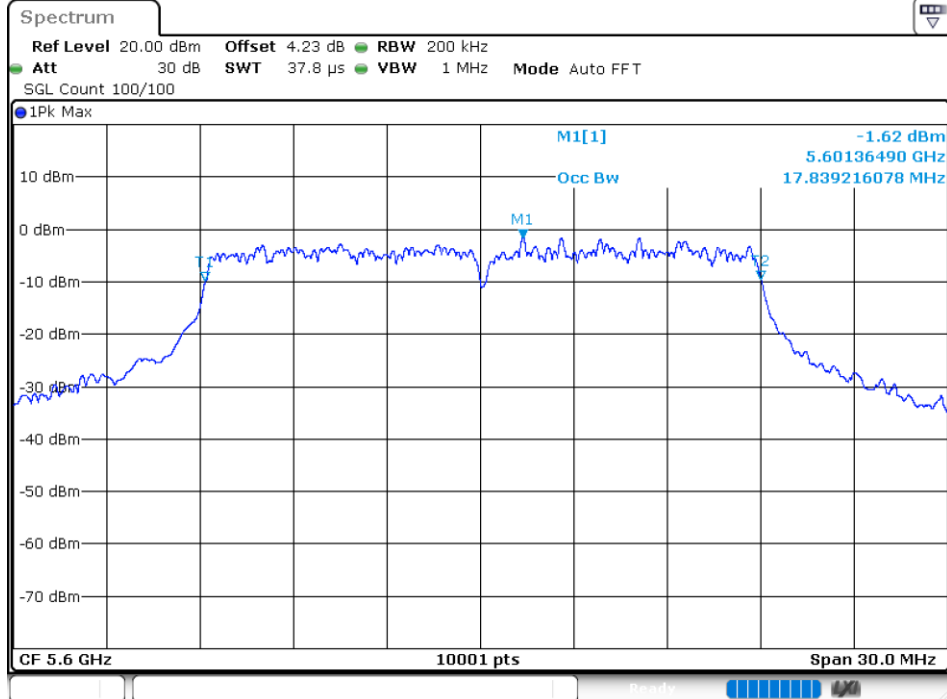
OBW NVNT a 5700MHz Ant1



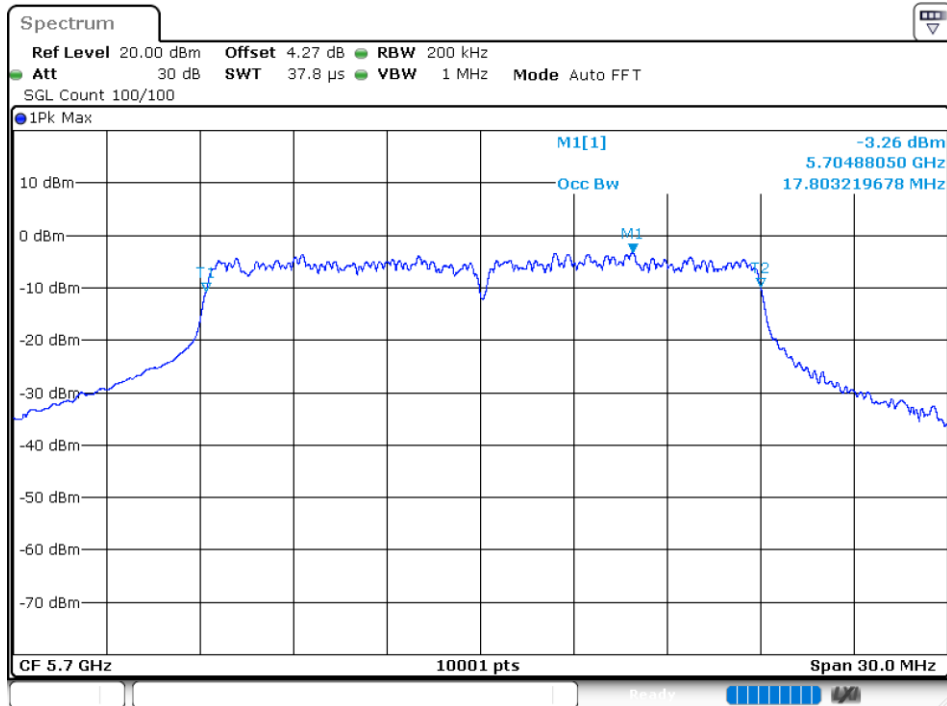
OBW NVNT n20 5500MHz Ant1



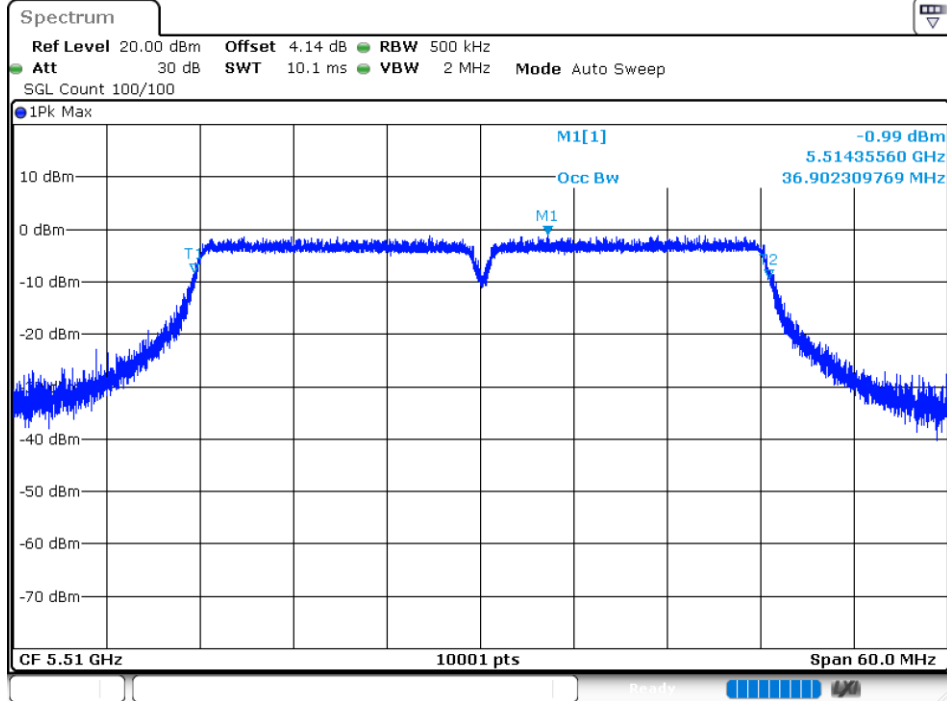
OBW NVNT n20 5600MHz Ant1



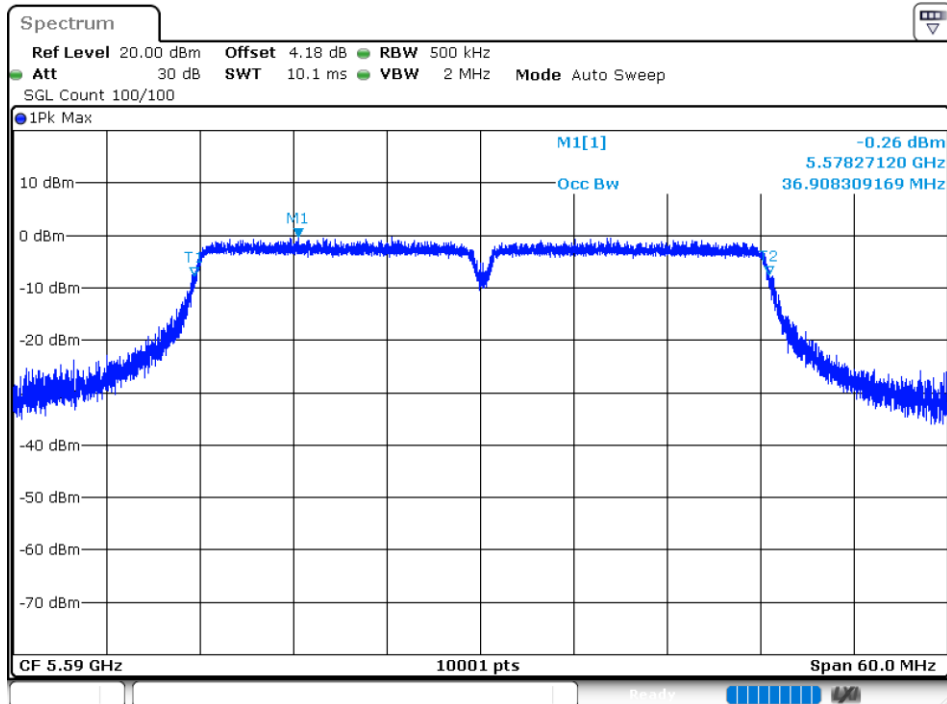
OBW NVNT n20 5700MHz Ant1



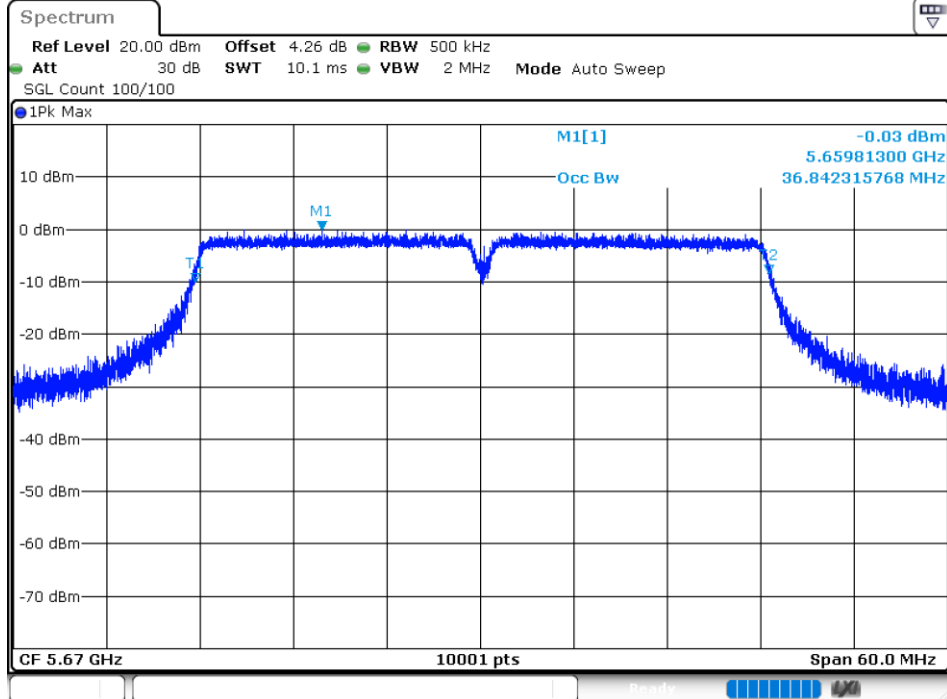
OBW NVNT n40 5510MHz Ant1



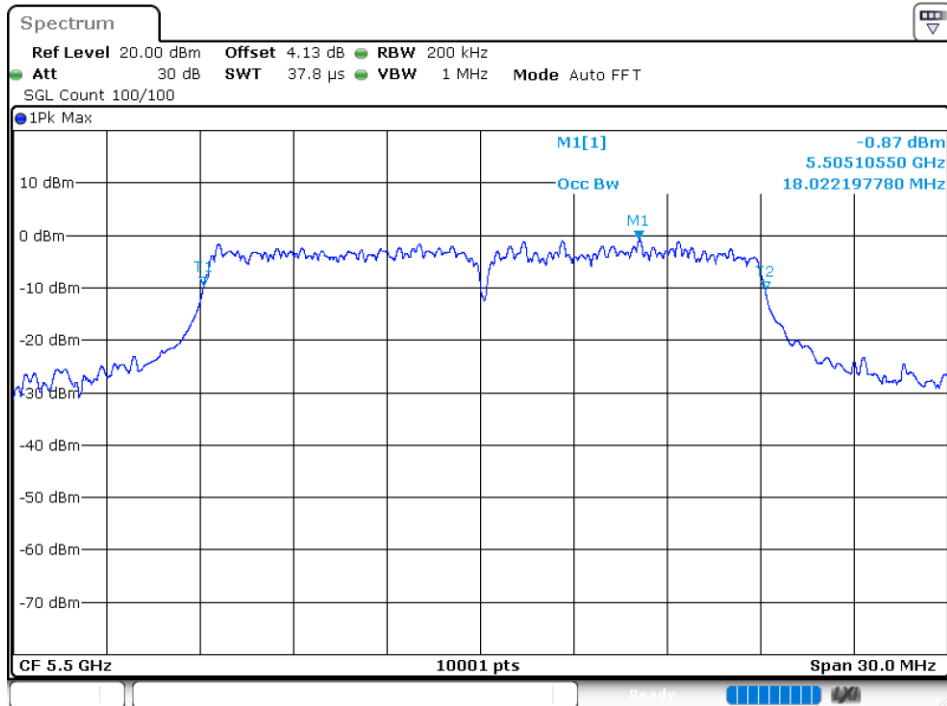
OBW NVNT n40 5590MHz Ant1



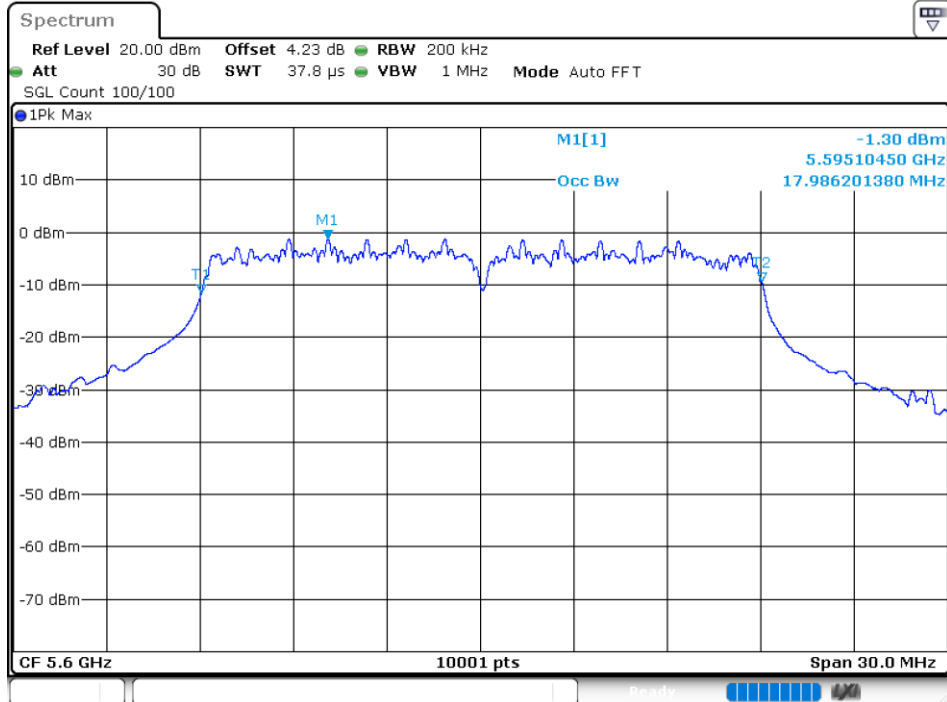
OBW NVNT n40 5670MHz Ant1



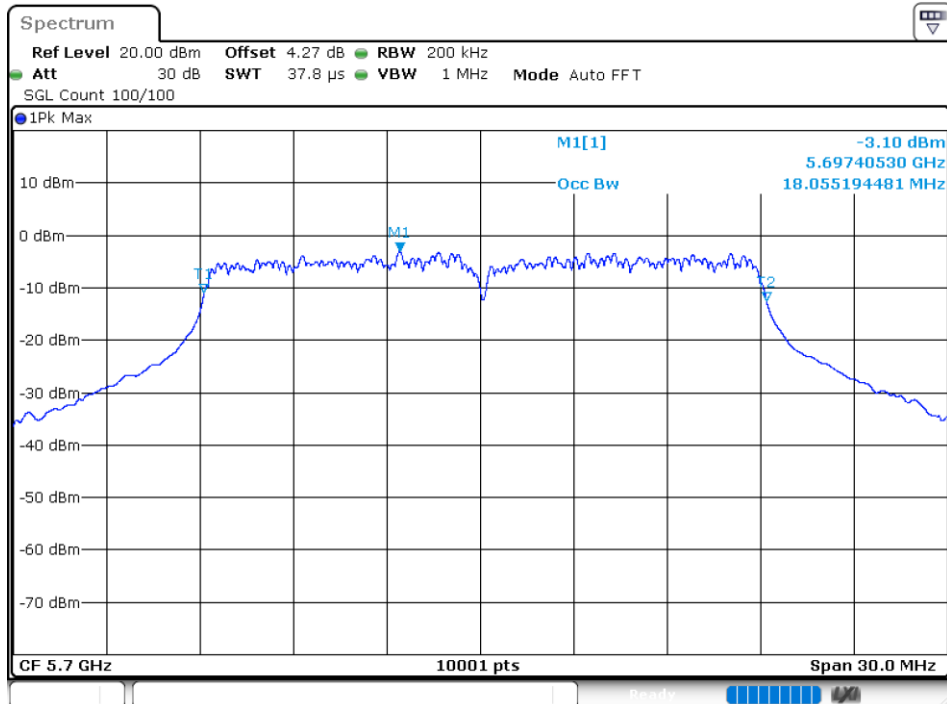
OBW NVNT ac20 5500MHz Ant1



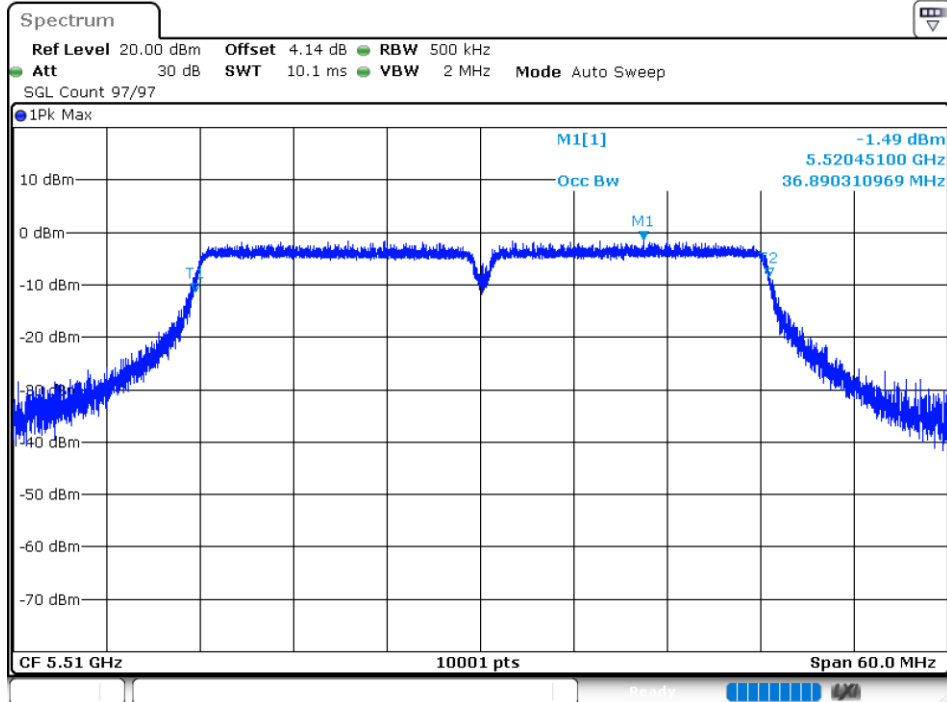
OBW NVNT ac20 5600MHz Ant1



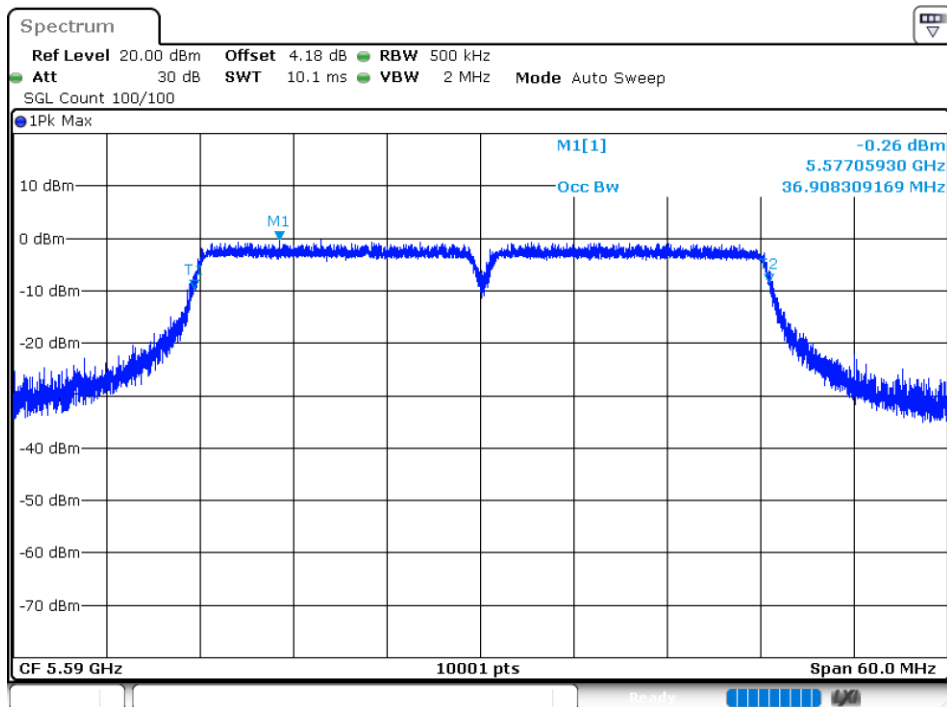
OBW NVNT ac20 5700MHz Ant1



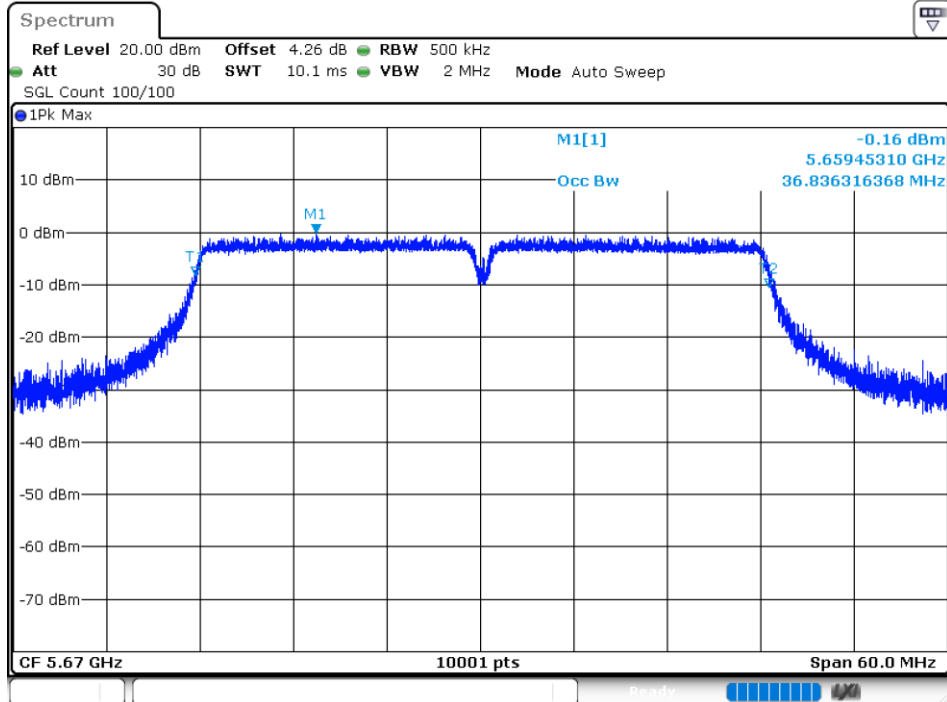
OBW NVNT ac40 5510MHz Ant1



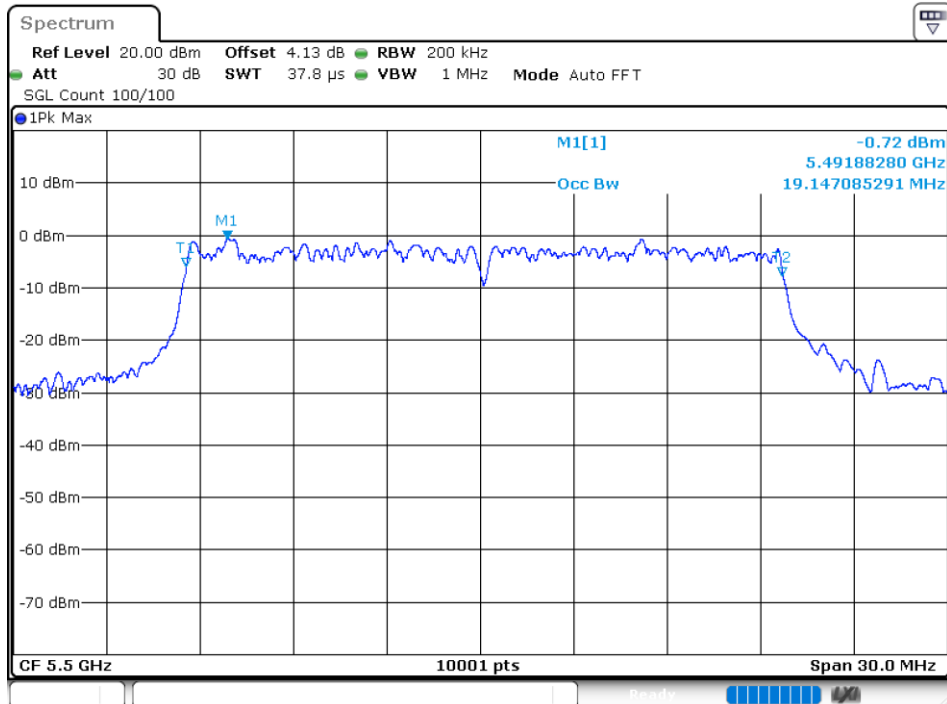
OBW NVNT ac40 5590MHz Ant1



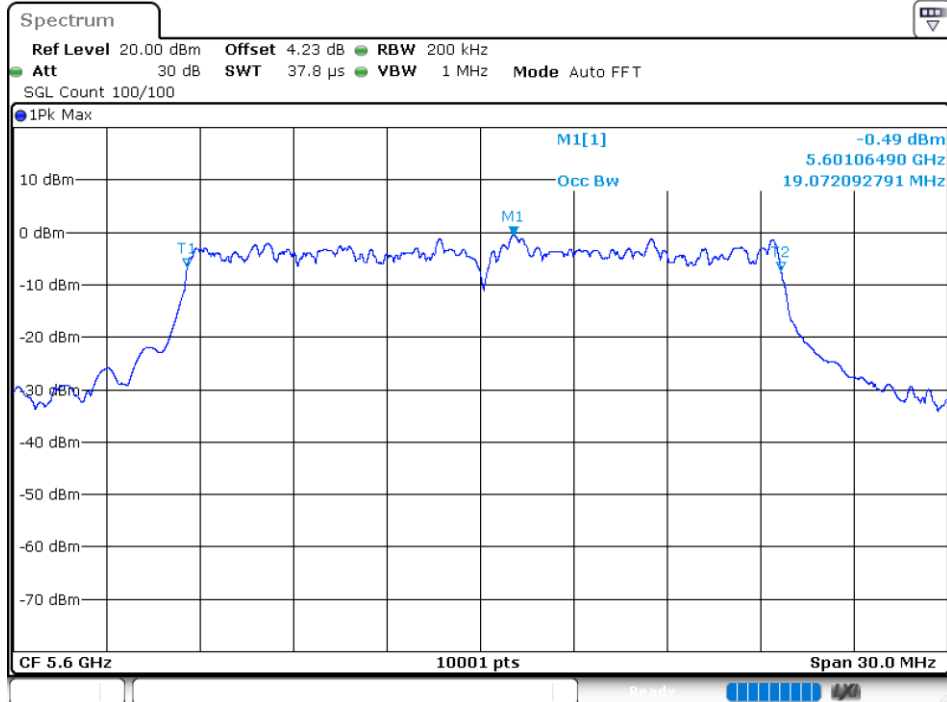
OBW NVNT ac40 5670MHz Ant1



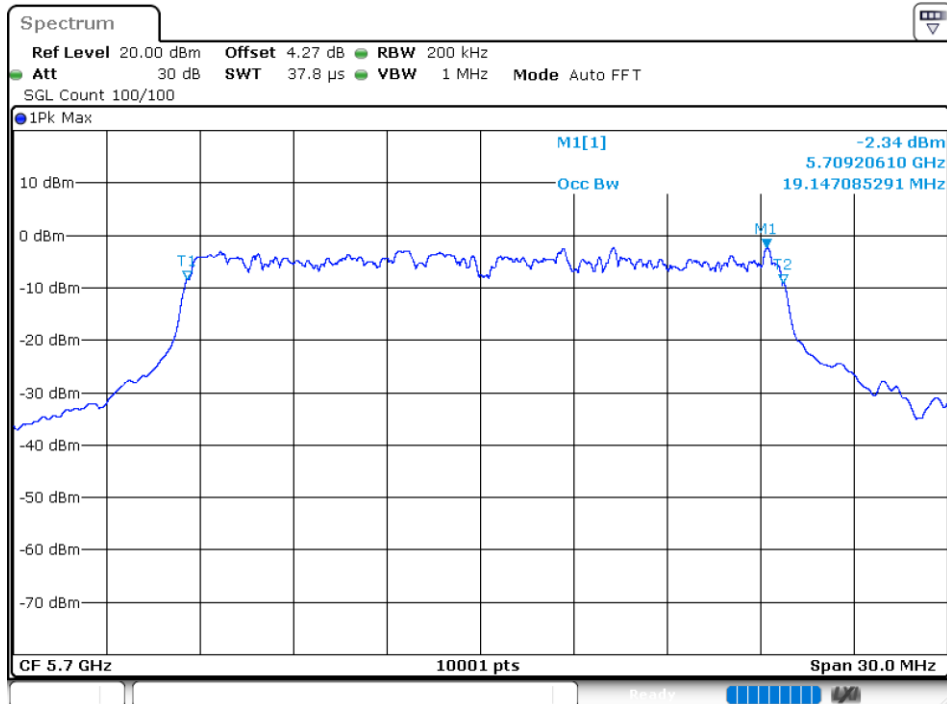
OBW NVNT ax20 5500MHz Ant1



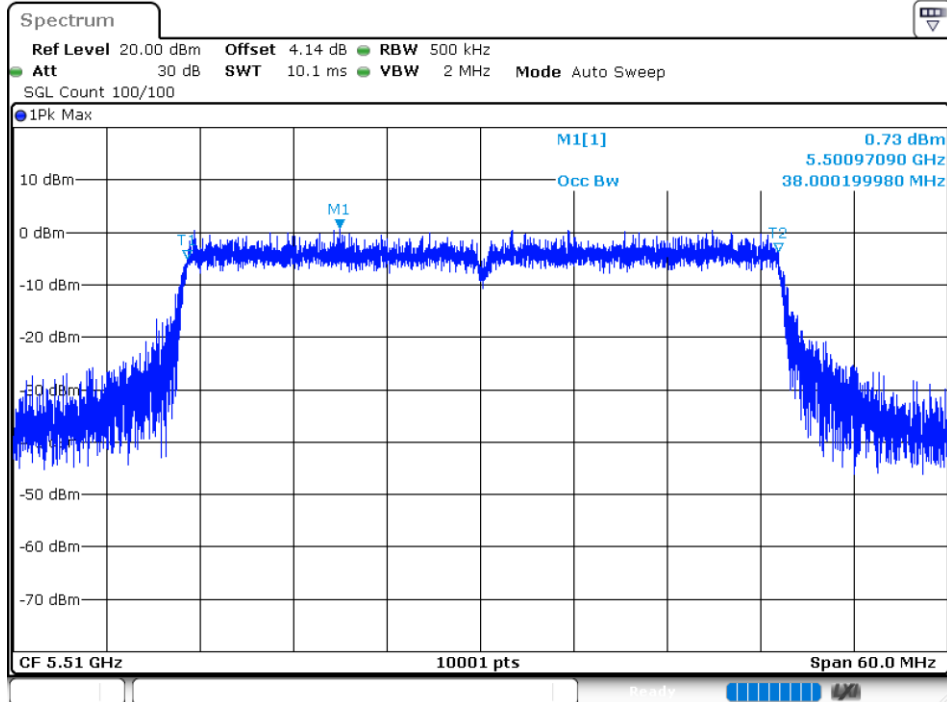
OBW NVNT ax20 5600MHz Ant1



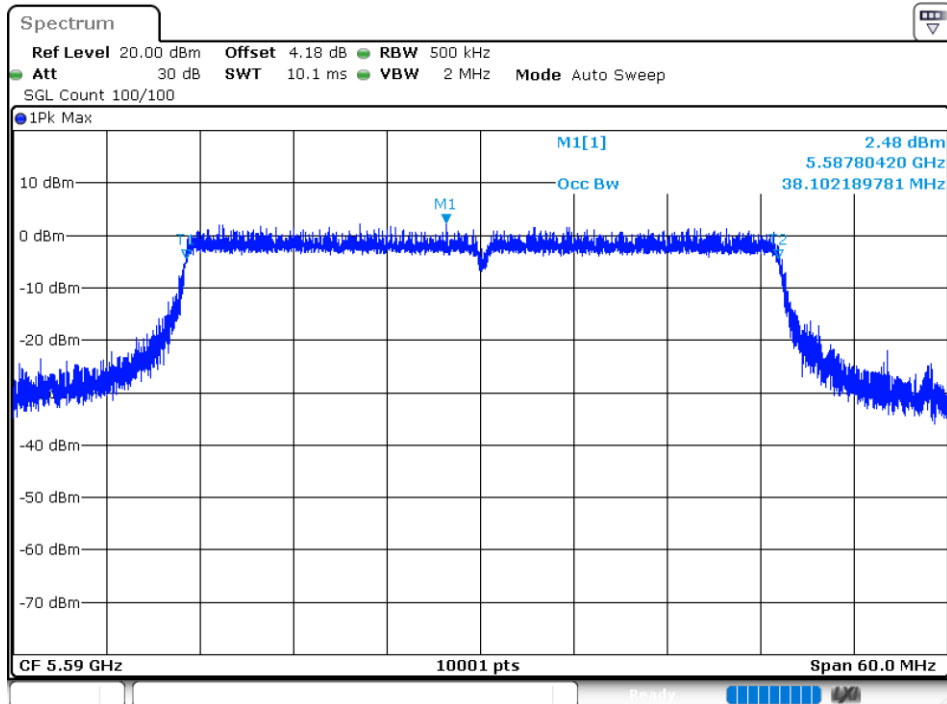
OBW NVNT ax20 5700MHz Ant1

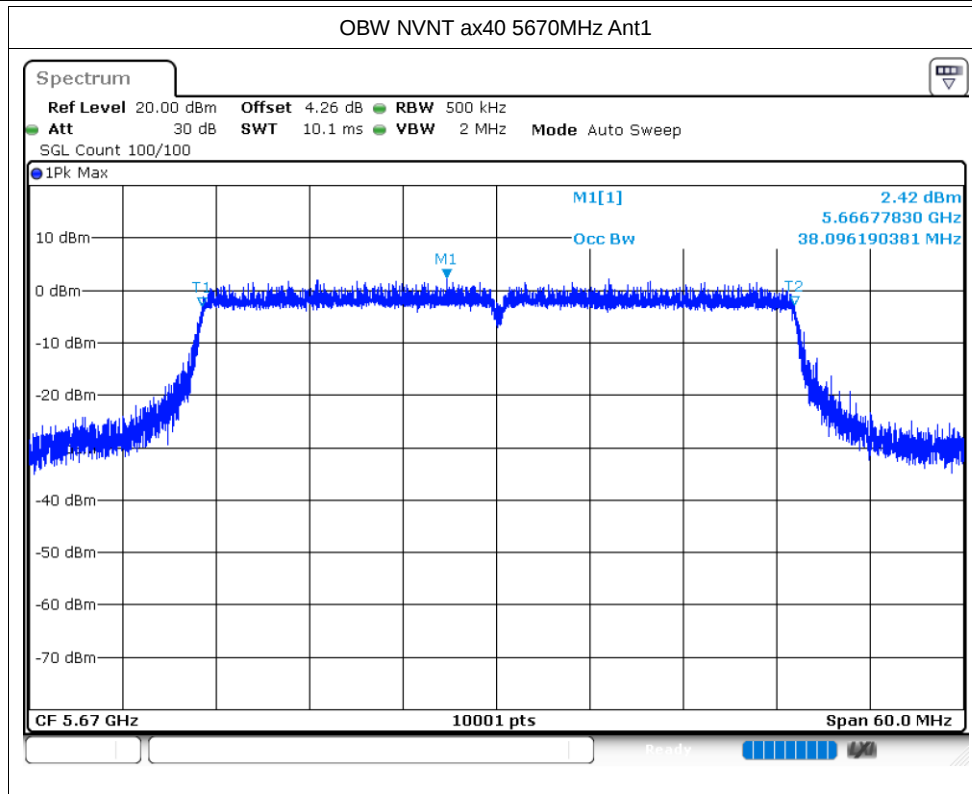


OBW NVNT ax40 5510MHz Ant1



OBW NVNT ax40 5590MHz Ant1



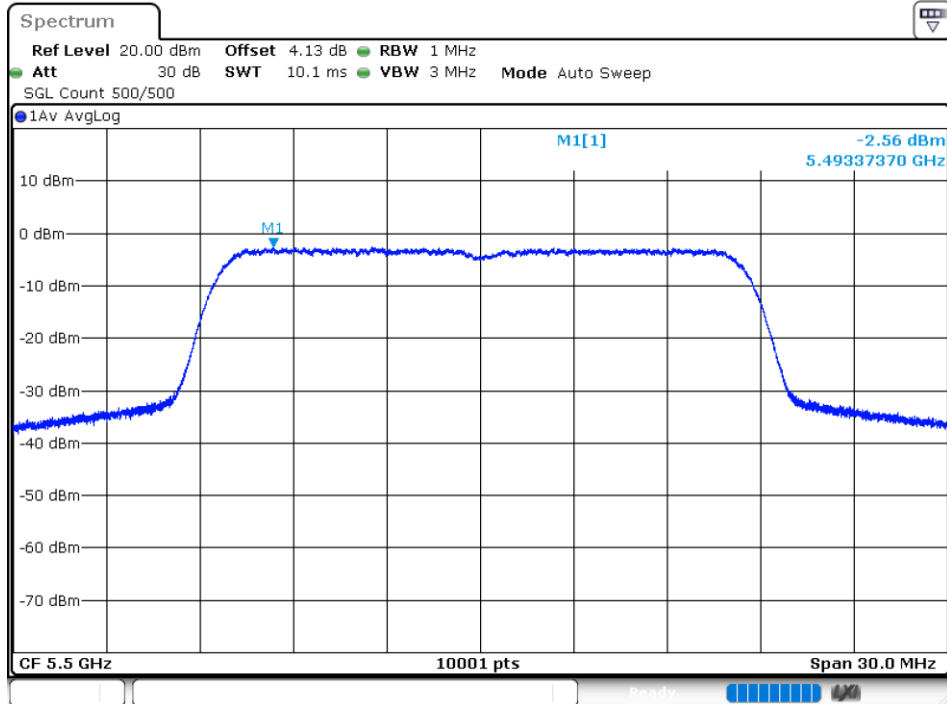


Maximum Power Spectral Density Level

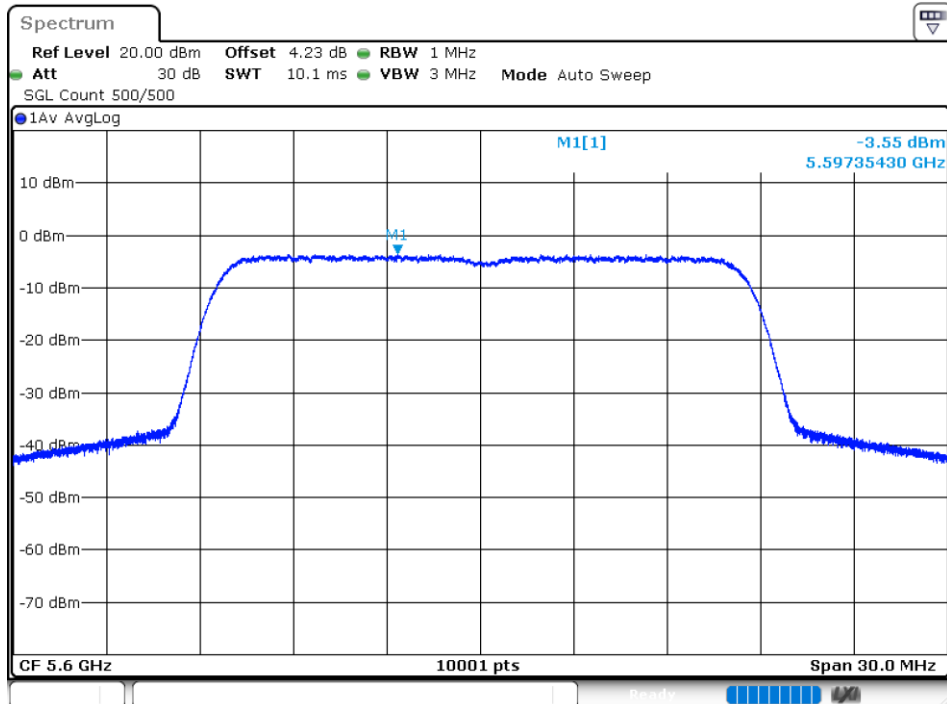
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-2.56	0.02	-2.54	11	Pass
NVNT	a	5600	Ant1	-3.55	0.02	-3.53	11	Pass
NVNT	a	5700	Ant1	-4.47	0.02	-4.45	11	Pass
NVNT	n20	5500	Ant1	-3.02	0.02	-3	11	Pass
NVNT	n20	5600	Ant1	-3.86	0.02	-3.84	11	Pass
NVNT	n20	5700	Ant1	-4.76	0.02	-4.74	11	Pass
NVNT	n40	5510	Ant1	-8.99	0.16	-8.83	11	Pass
NVNT	n40	5590	Ant1	-7.93	0.16	-7.77	11	Pass
NVNT	n40	5670	Ant1	-7.85	0.16	-7.69	11	Pass
NVNT	ac20	5500	Ant1	-2.97	0.02	-2.95	11	Pass
NVNT	ac20	5600	Ant1	-3.77	0.02	-3.75	11	Pass
NVNT	ac20	5700	Ant1	-4.56	0.02	-4.54	11	Pass
NVNT	ac40	5510	Ant1	-9.25	0.16	-9.09	11	Pass
NVNT	ac40	5590	Ant1	-8.3	0.17	-8.13	11	Pass
NVNT	ac40	5670	Ant1	-8.13	0.16	-7.97	11	Pass
NVNT	ax20	5500	Ant1	-3.21	0.03	-3.18	11	Pass
NVNT	ax20	5600	Ant1	-4.22	0.03	-4.19	11	Pass
NVNT	ax20	5700	Ant1	-5.04	0.03	-5.01	11	Pass
NVNT	ax40	5510	Ant1	-10.04	0.06	-9.98	11	Pass
NVNT	ax40	5590	Ant1	-8.83	0.2	-8.63	11	Pass
NVNT	ax40	5670	Ant1	-8.57	0.2	-8.37	11	Pass

Test Graphs

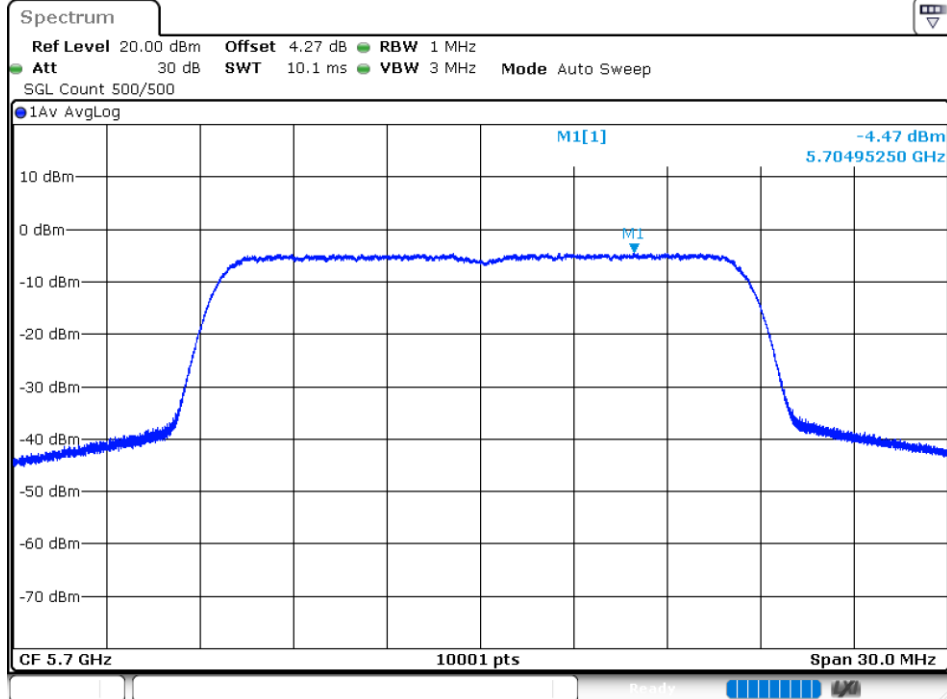
PSD NVNT a 5500MHz Ant1



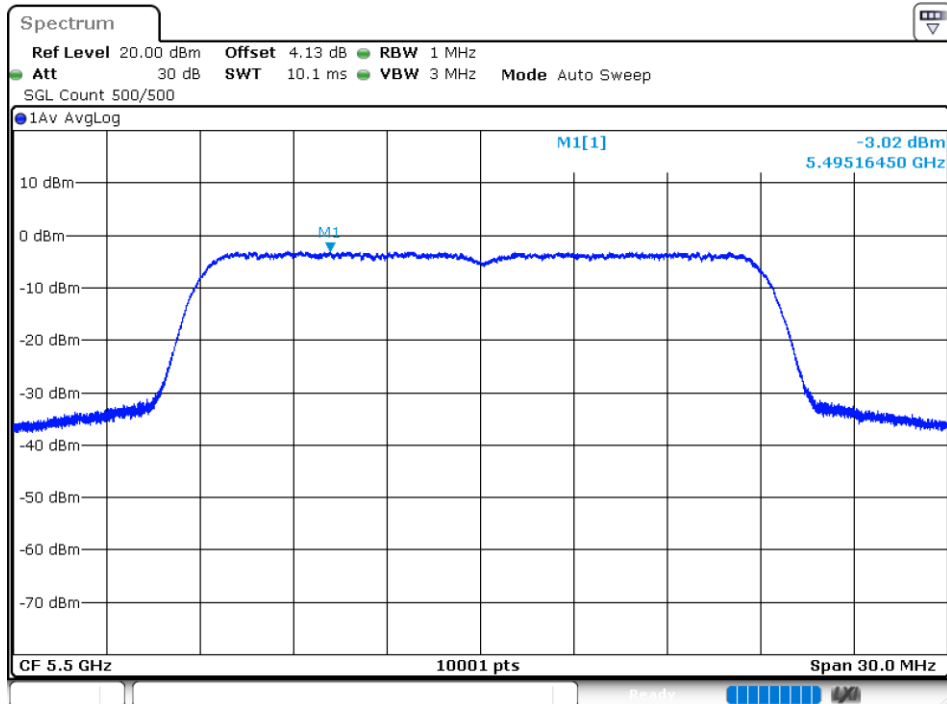
PSD NVNT a 5600MHz Ant1



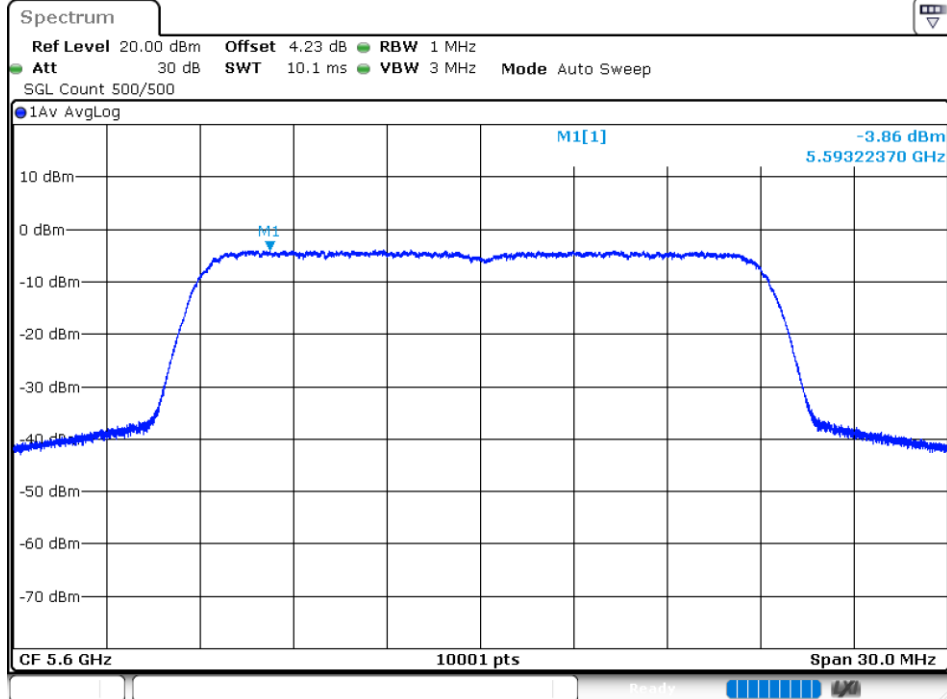
PSD NVNT a 5700MHz Ant1



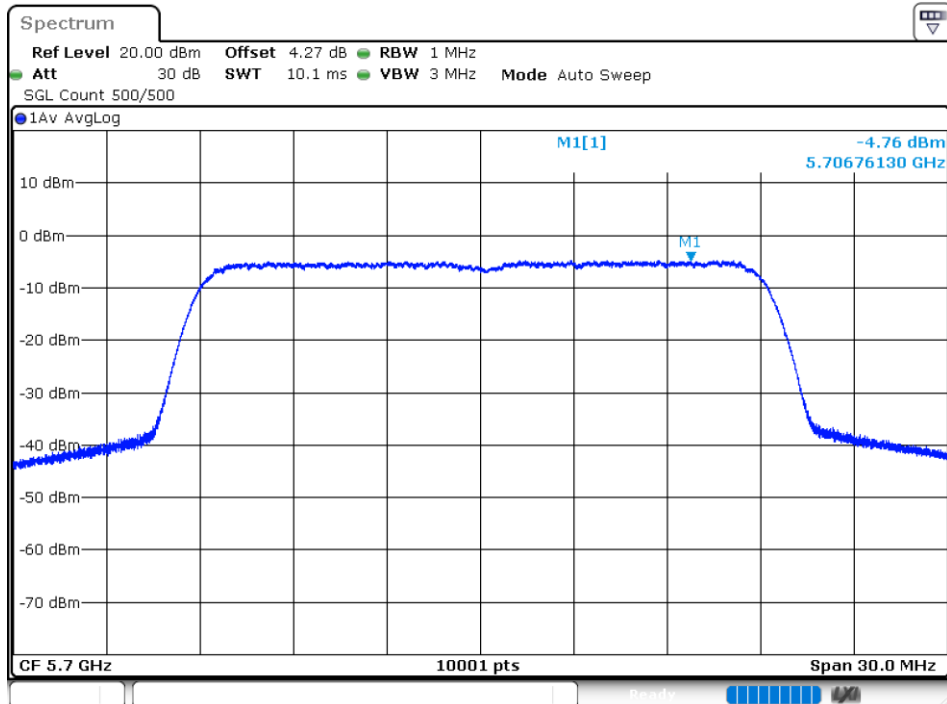
PSD NVNT n20 5500MHz Ant1

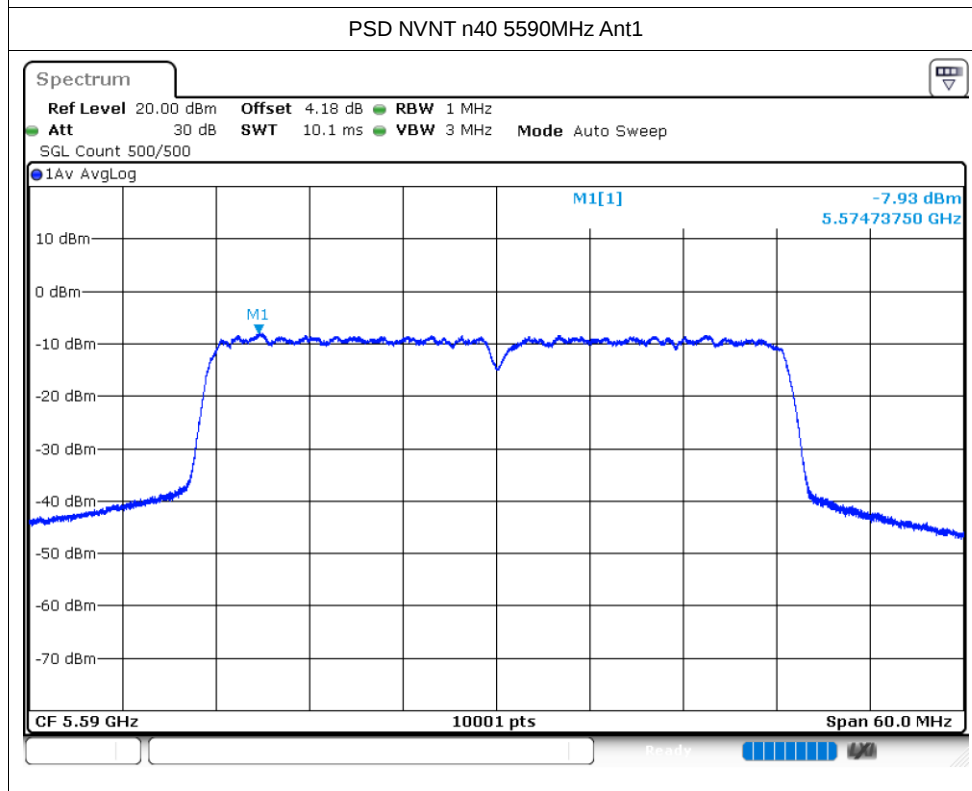
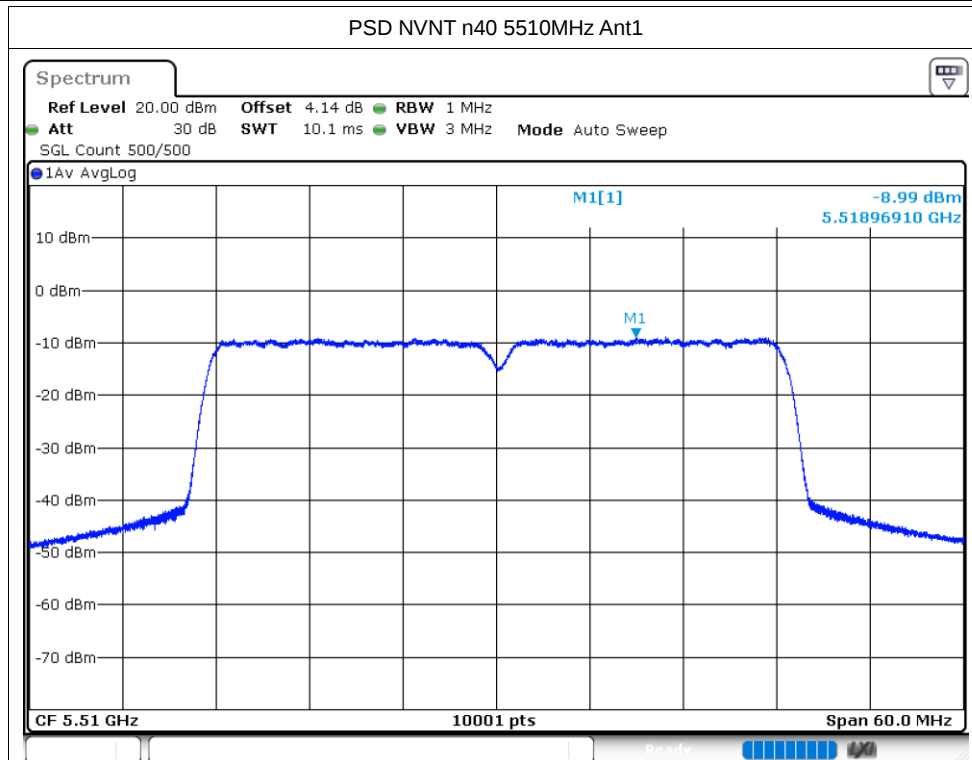


PSD NVNT n20 5600MHz Ant1

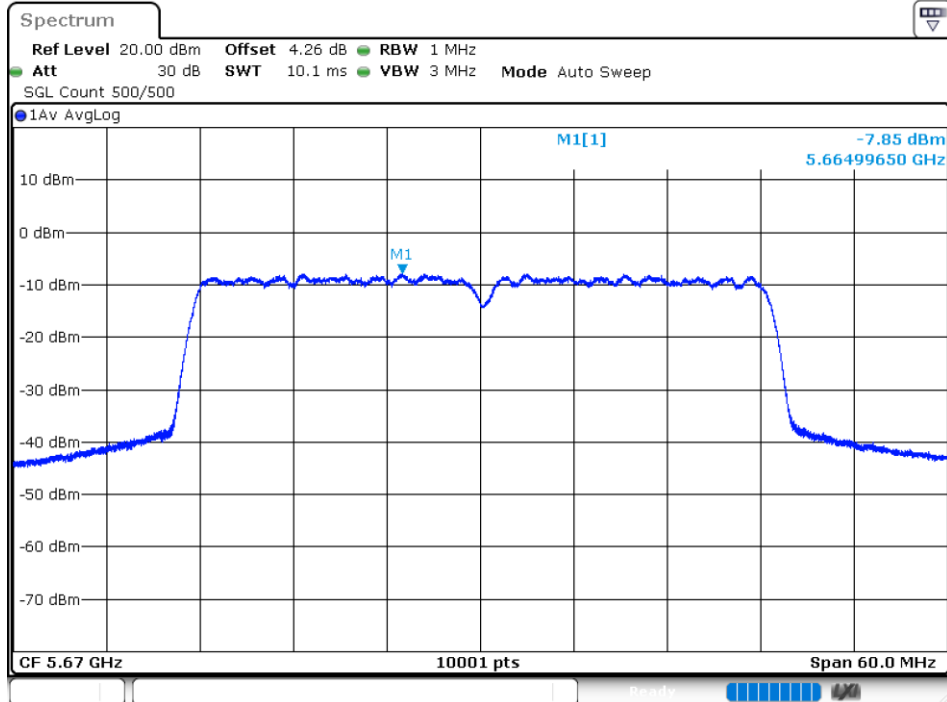


PSD NVNT n20 5700MHz Ant1

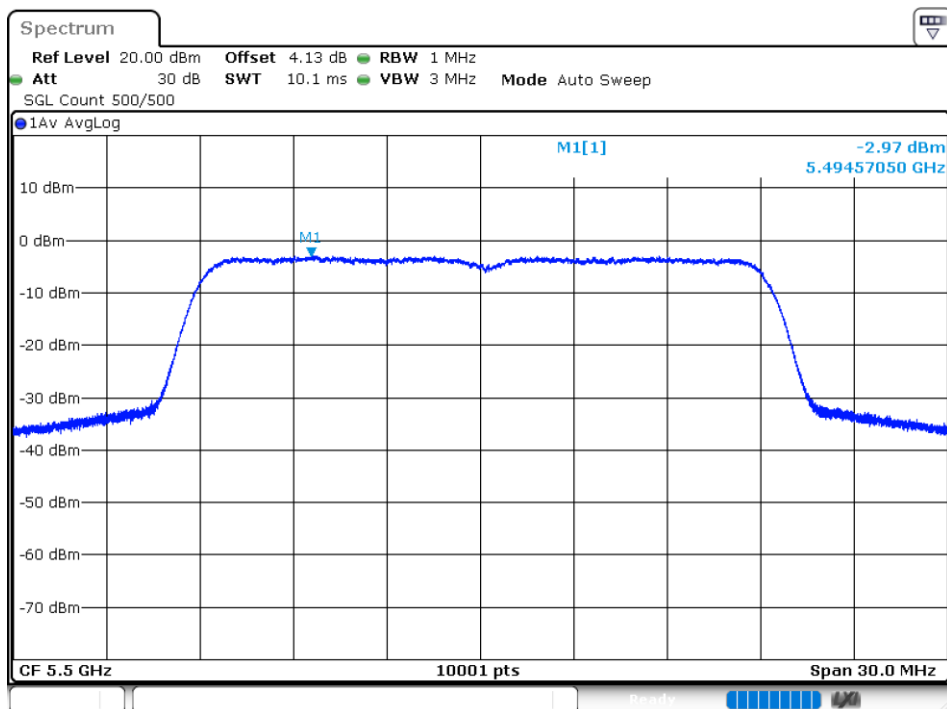




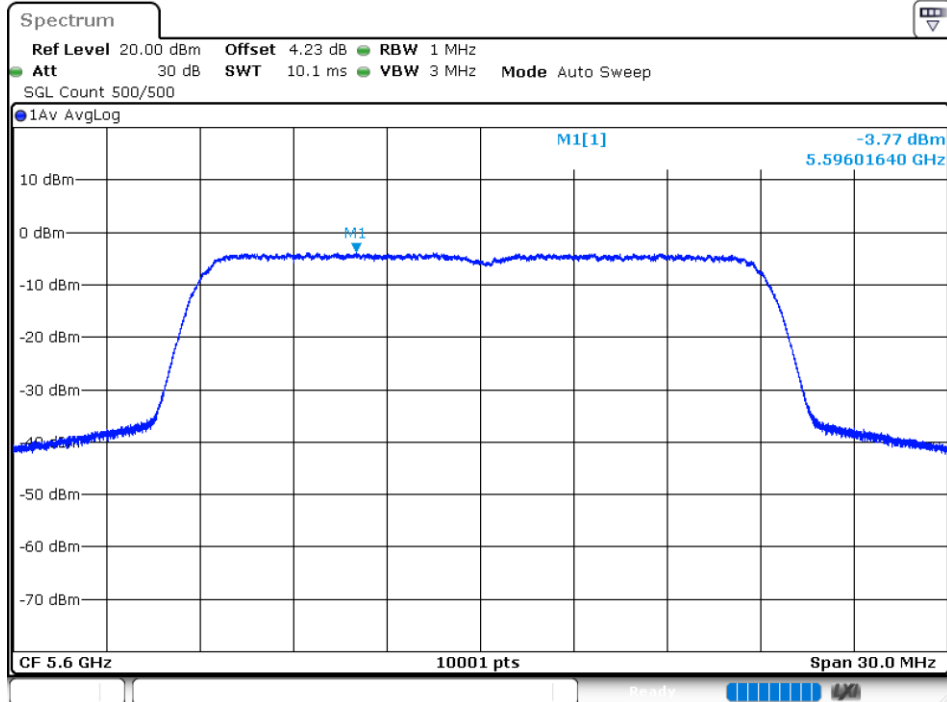
PSD NVNT n40 5670MHz Ant1



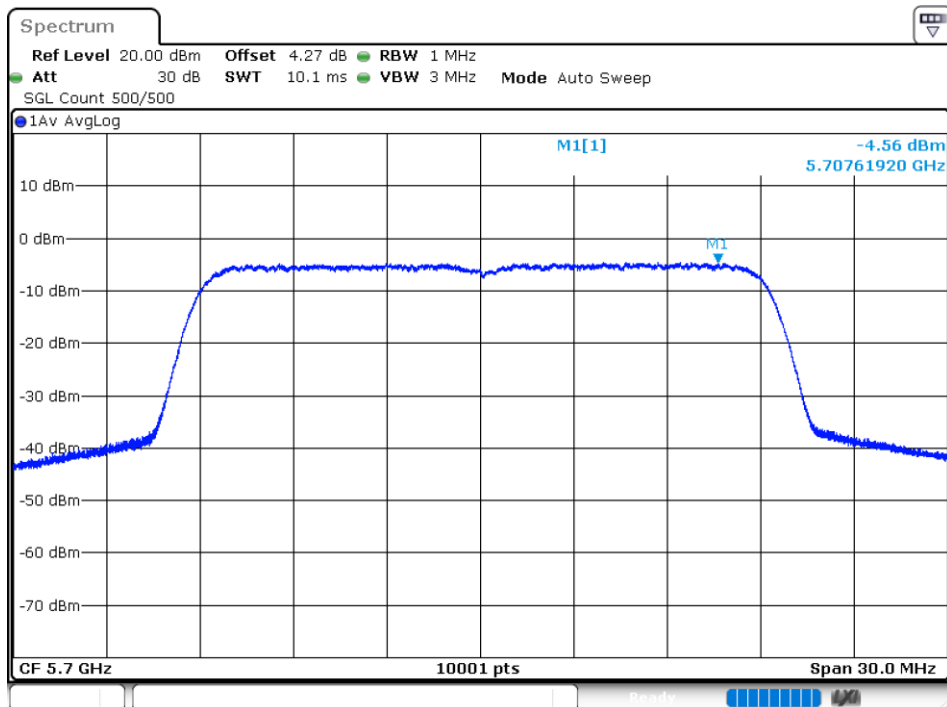
PSD NVNT ac20 5500MHz Ant1



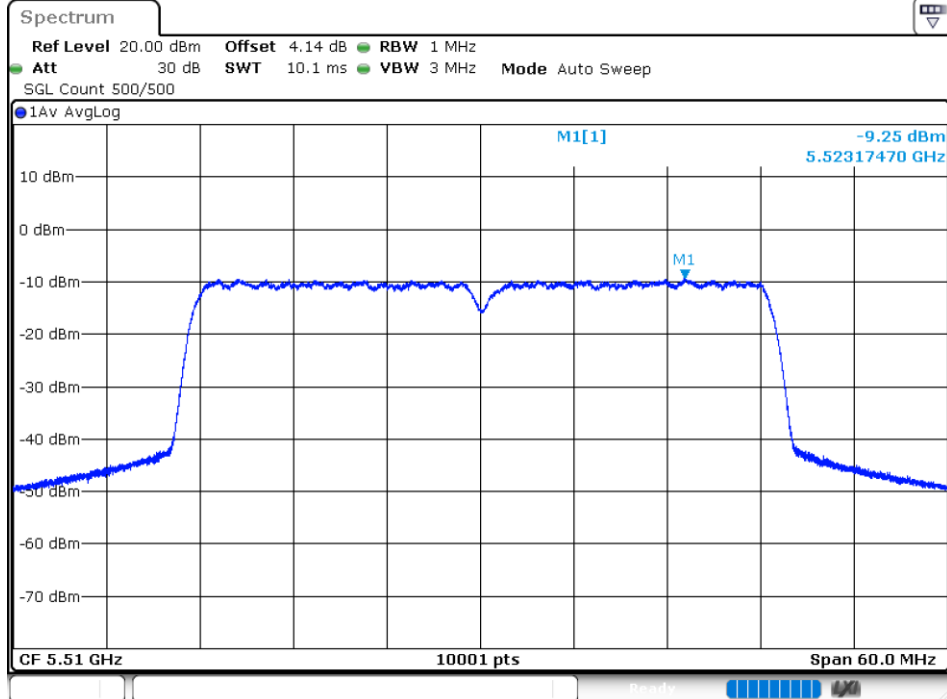
PSD NVNT ac20 5600MHz Ant1



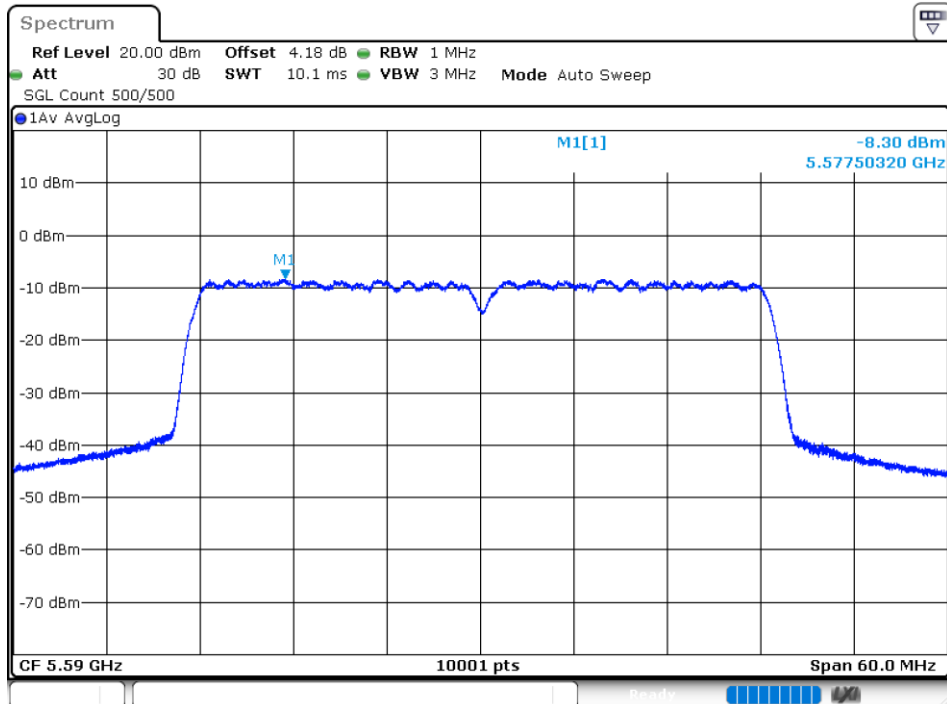
PSD NVNT ac20 5700MHz Ant1



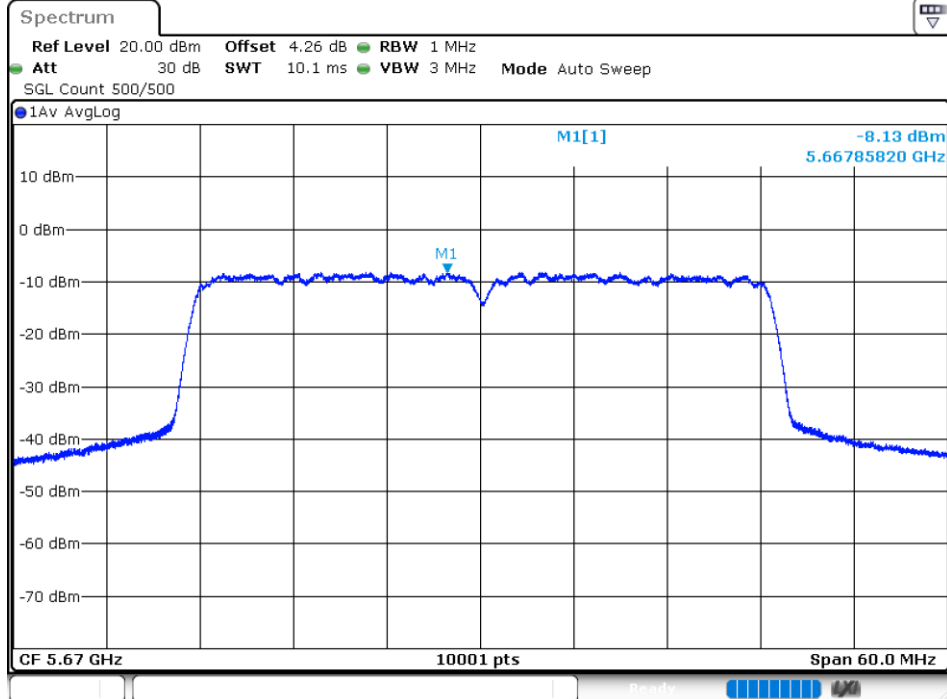
PSD NVNT ac40 5510MHz Ant1



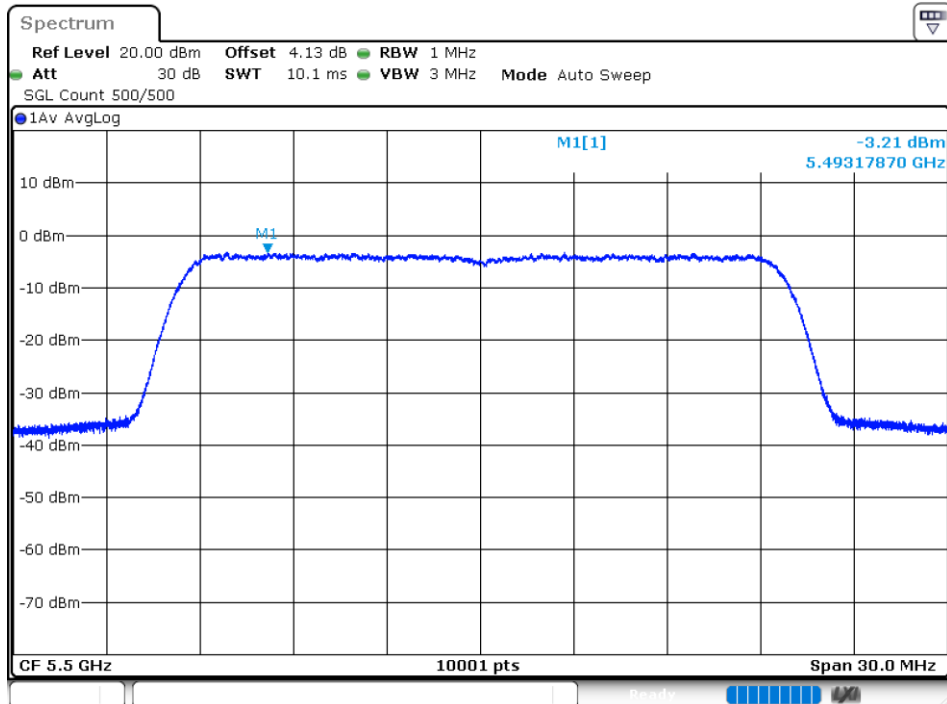
PSD NVNT ac40 5590MHz Ant1



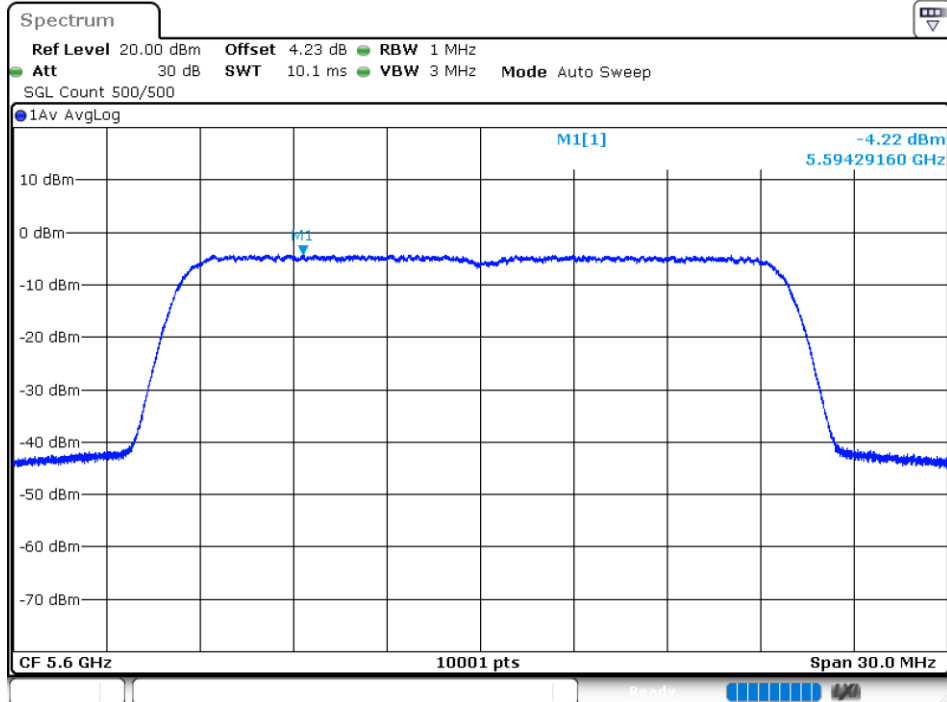
PSD NVNT ac40 5670MHz Ant1



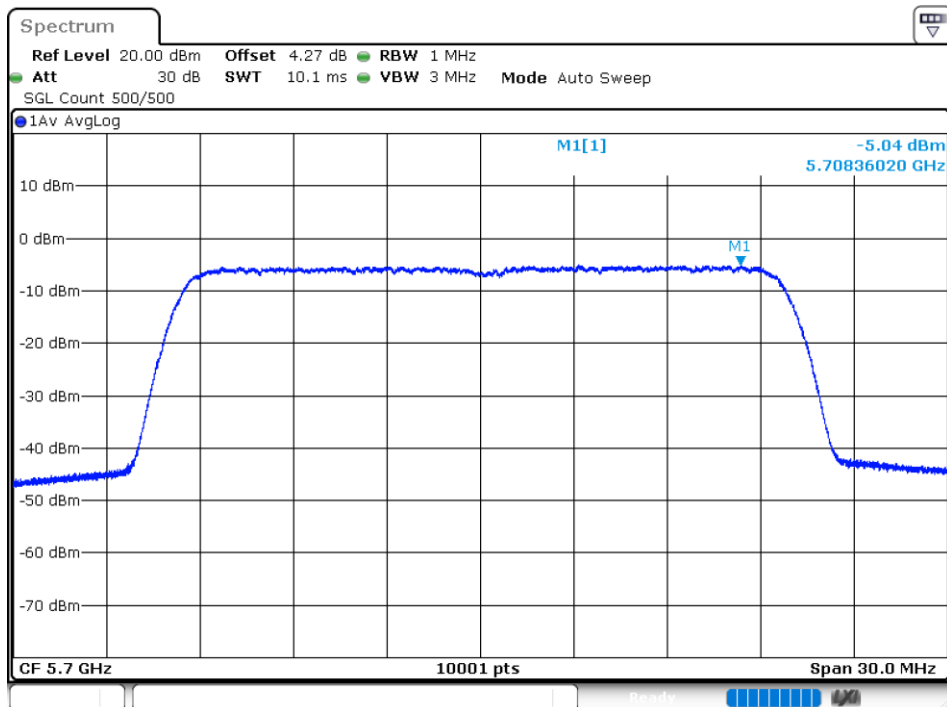
PSD NVNT ax20 5500MHz Ant1



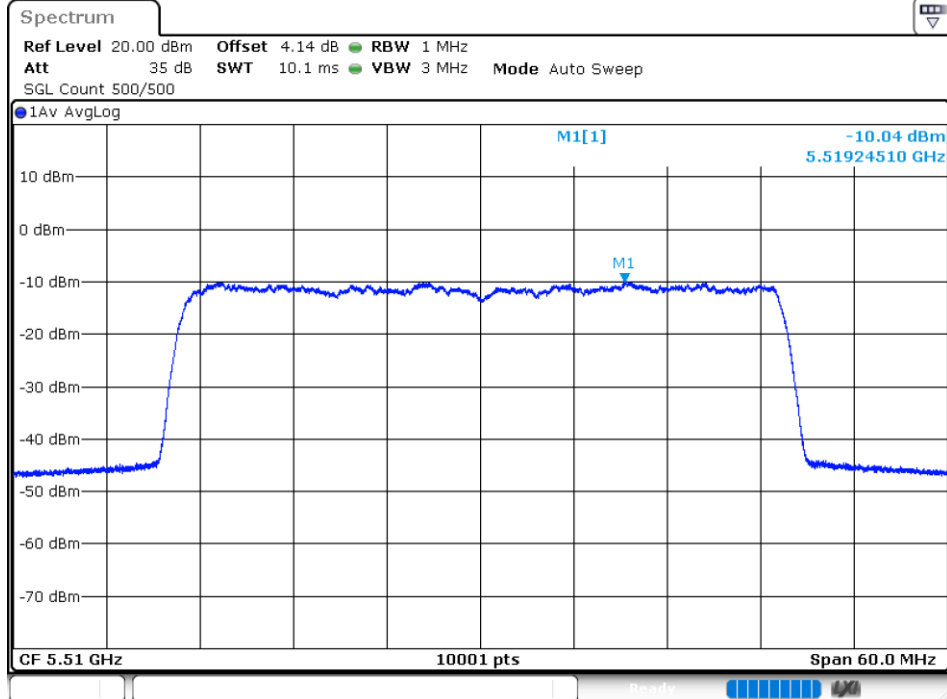
PSD NVNT ax20 5600MHz Ant1



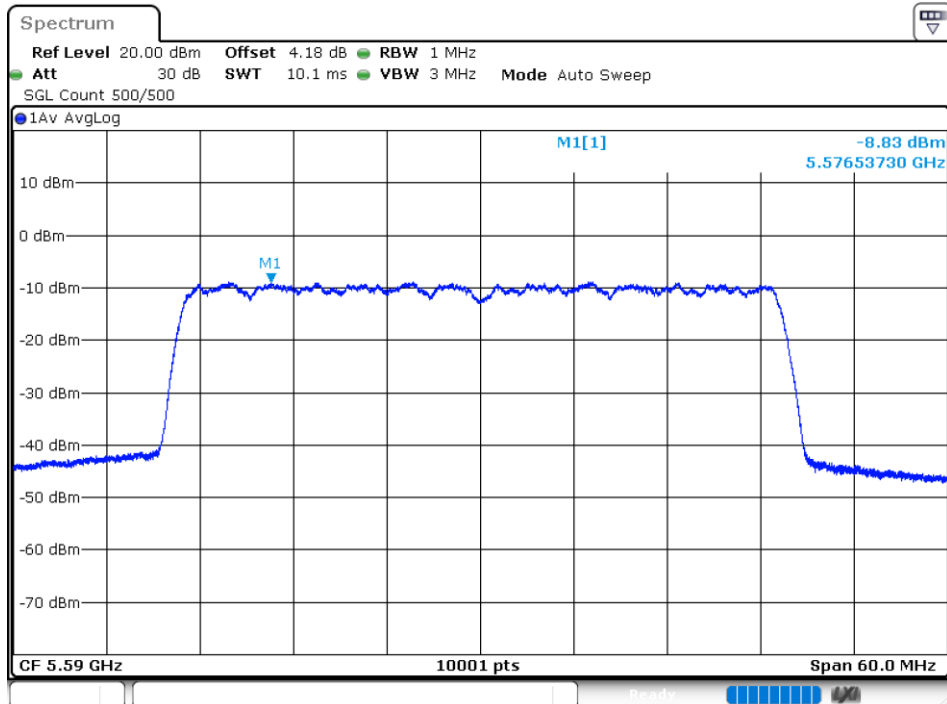
PSD NVNT ax20 5700MHz Ant1

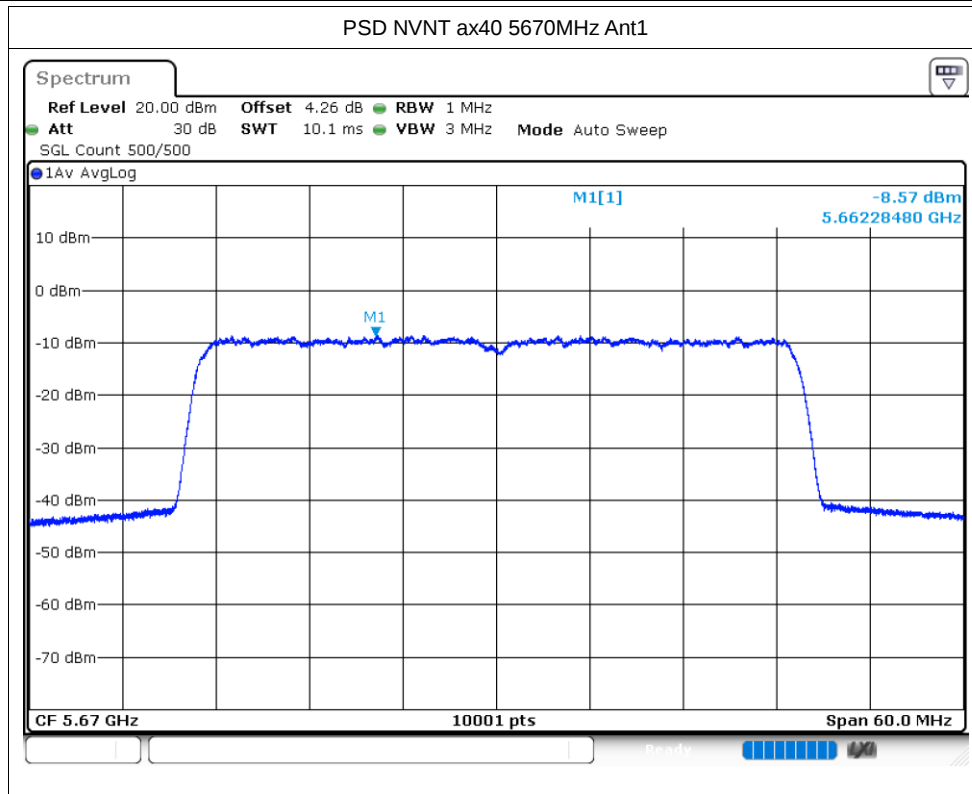


PSD NVNT ax40 5510MHz Ant1



PSD NVNT ax40 5590MHz Ant1





Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	-27.25	-27	Pass
NVNT	a	5700	Ant1	-28.31	-27	Pass
NVNT	n20	5500	Ant1	-27.32	-27	Pass
NVNT	n20	5700	Ant1	-27.97	-27	Pass
NVNT	n40	5510	Ant1	-27.77	-27	Pass
NVNT	n40	5670	Ant1	-28.2	-27	Pass
NVNT	ac20	5500	Ant1	-27.96	-27	Pass
NVNT	ac20	5700	Ant1	-28.18	-27	Pass
NVNT	ac40	5510	Ant1	-31.42	-27	Pass
NVNT	ac40	5670	Ant1	-29.29	-27	Pass
NVNT	ax20	5500	Ant1	-27.17	-27	Pass
NVNT	ax20	5700	Ant1	-27.97	-27	Pass
NVNT	ax40	5510	Ant1	-28.49	-27	Pass
NVNT	ax40	5670	Ant1	-27.92	-27	Pass

Note: This test has increased antenna gain.

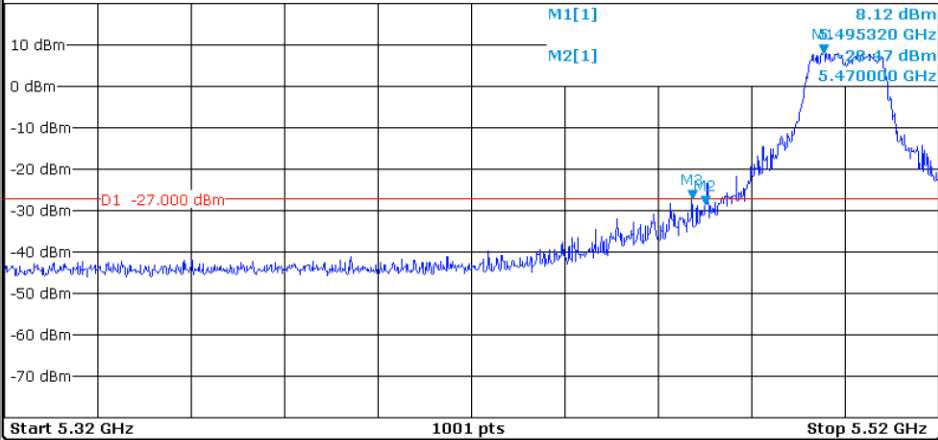
Test Graphs

Band Edge NVNT a 5500MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.63 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

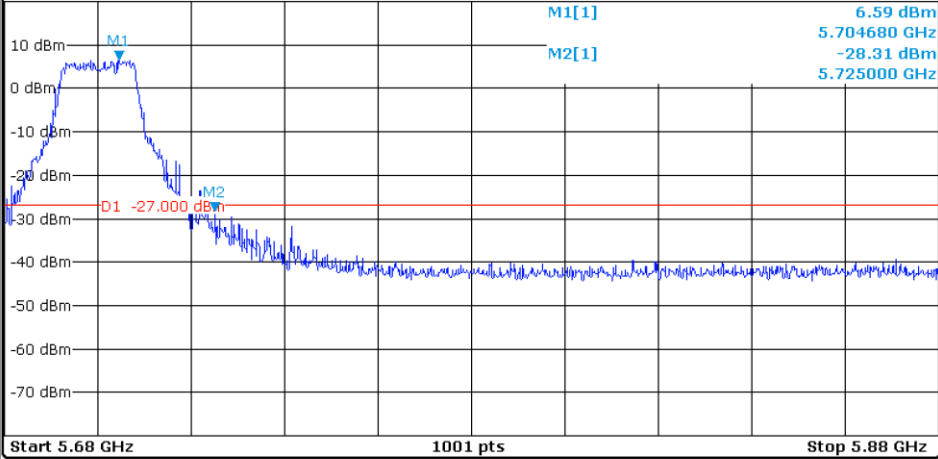
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.49532 GHz	8.12 dBm		
M2		1	5.47 GHz	-28.47 dBm		
M3		1	5.4672 GHz	-27.25 dBm		

Band Edge NVNT a 5700MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.77 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	5.70468 GHz	6.59 dBm		
M2		1	5.725 GHz	-28.31 dBm		