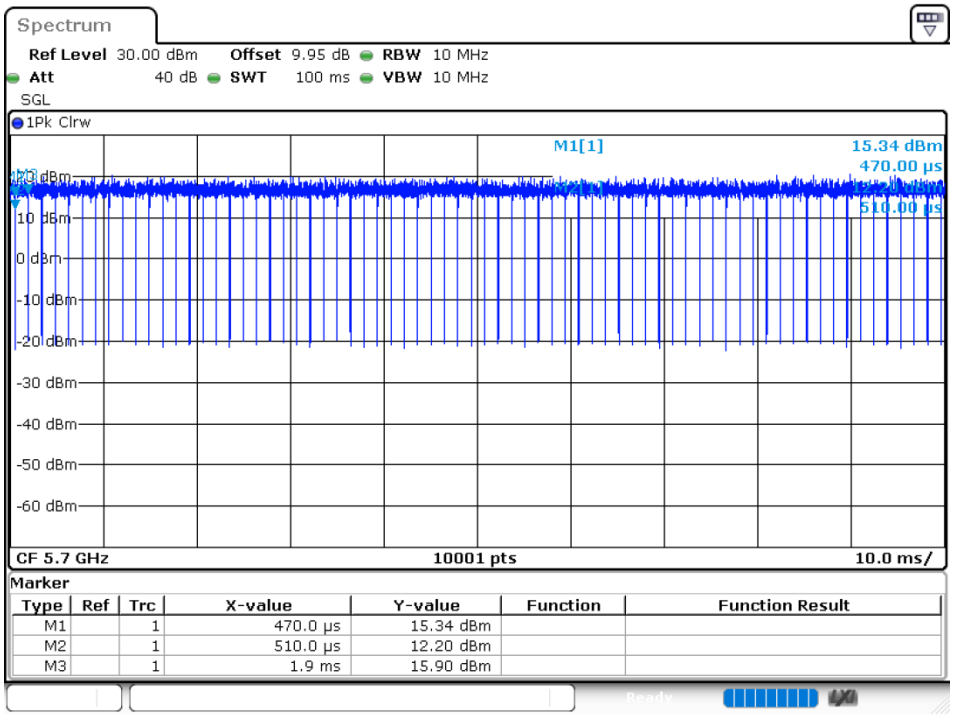
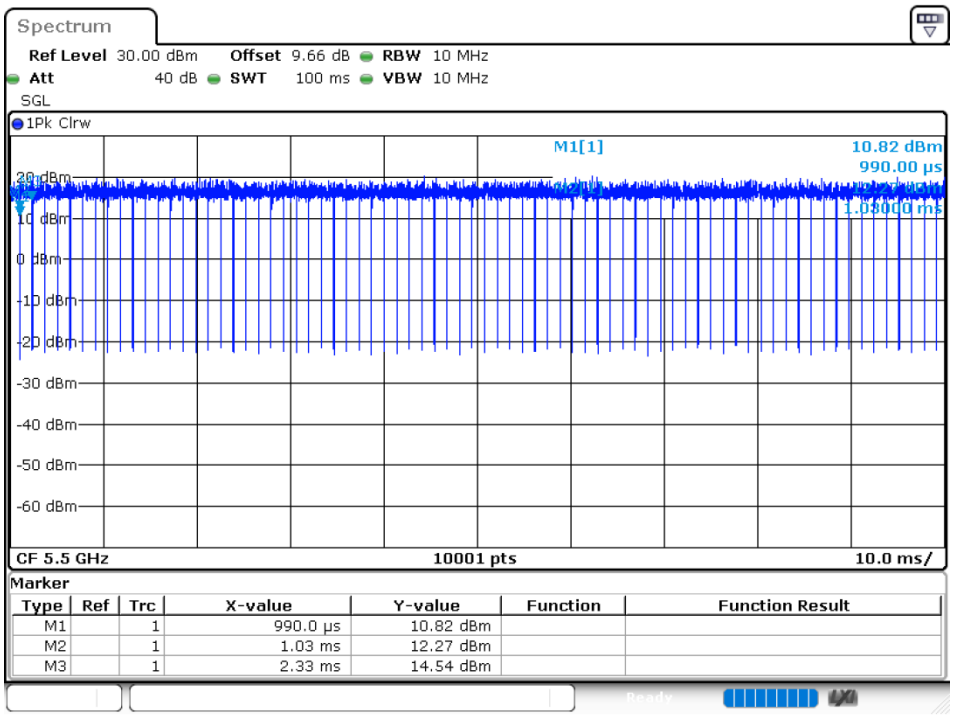
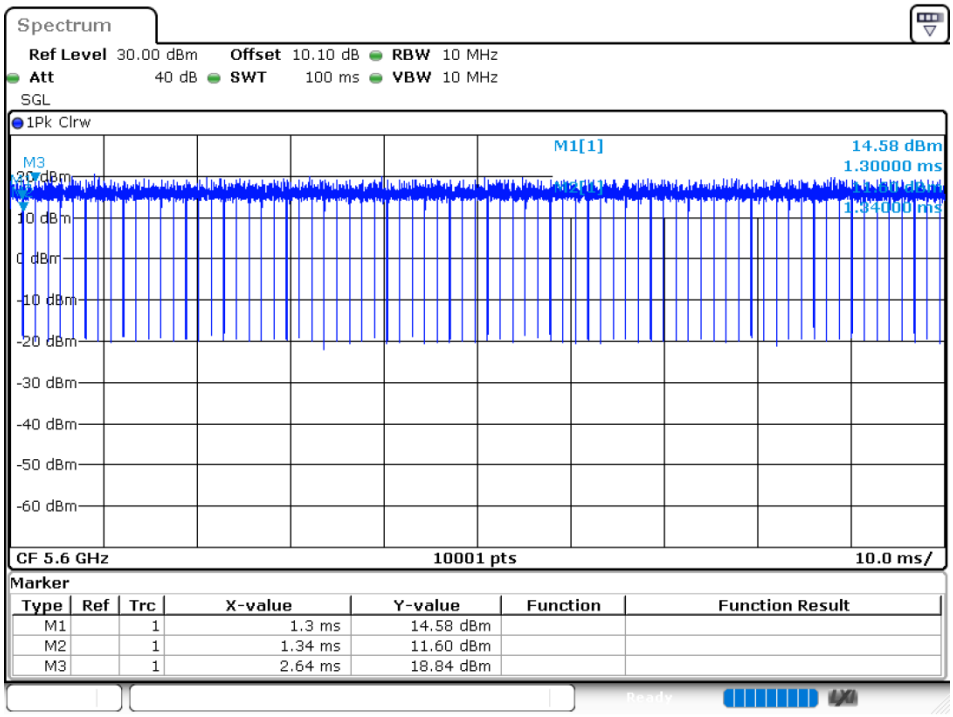
Duty Cycle NVNT a 5700MHz Ant1



Duty Cycle NVNT n20 5500MHz Ant1



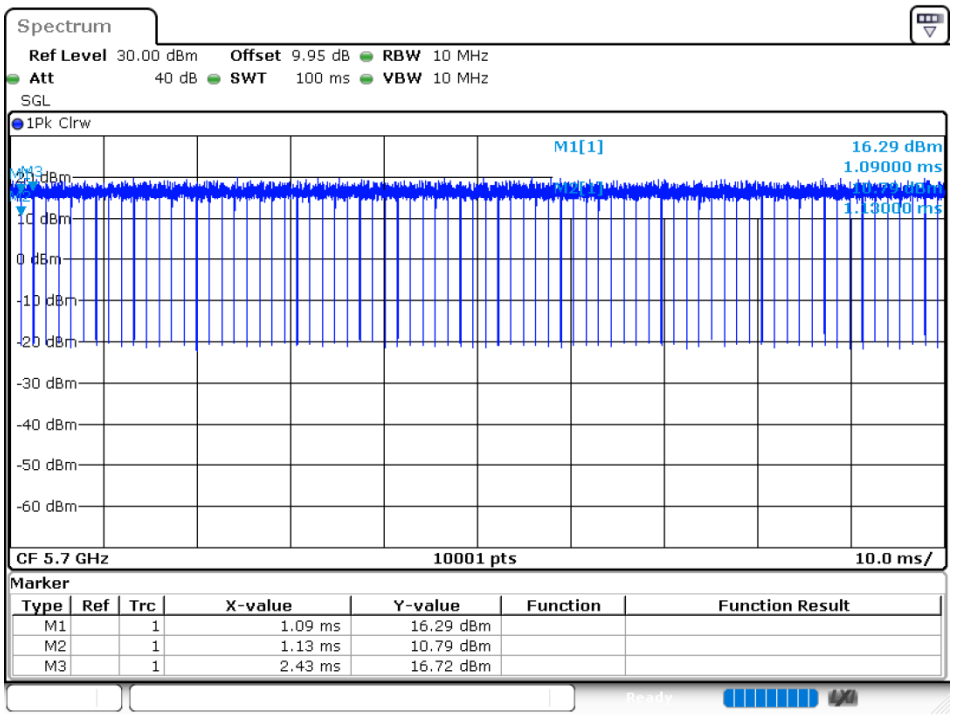
Duty Cycle NVNT n20 5600MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.3 ms	14.58 dBm		
M2		1	1.34 ms	11.60 dBm		
M3		1	2.64 ms	18.84 dBm		

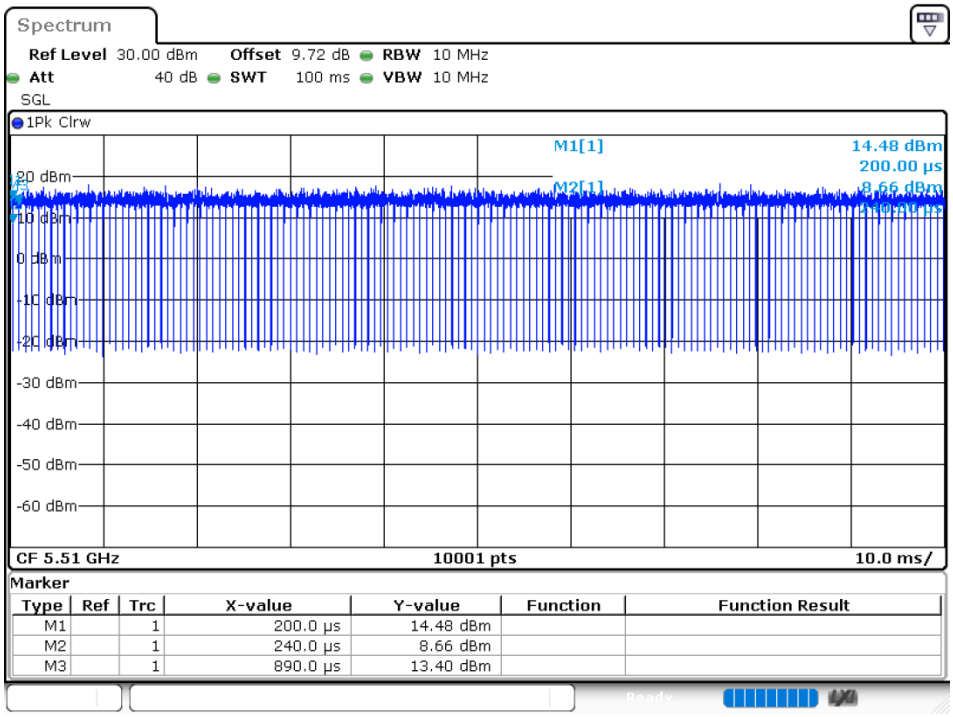
Duty Cycle NVNT n20 5700MHz Ant1



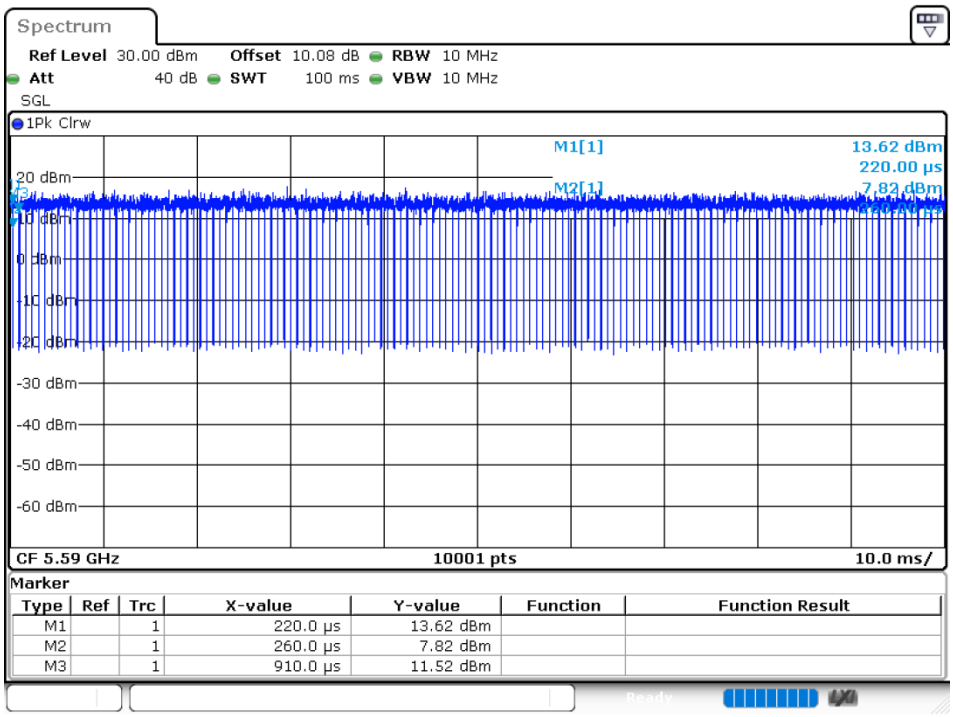
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.09 ms	16.29 dBm		
M2		1	1.13 ms	10.79 dBm		
M3		1	2.43 ms	16.72 dBm		

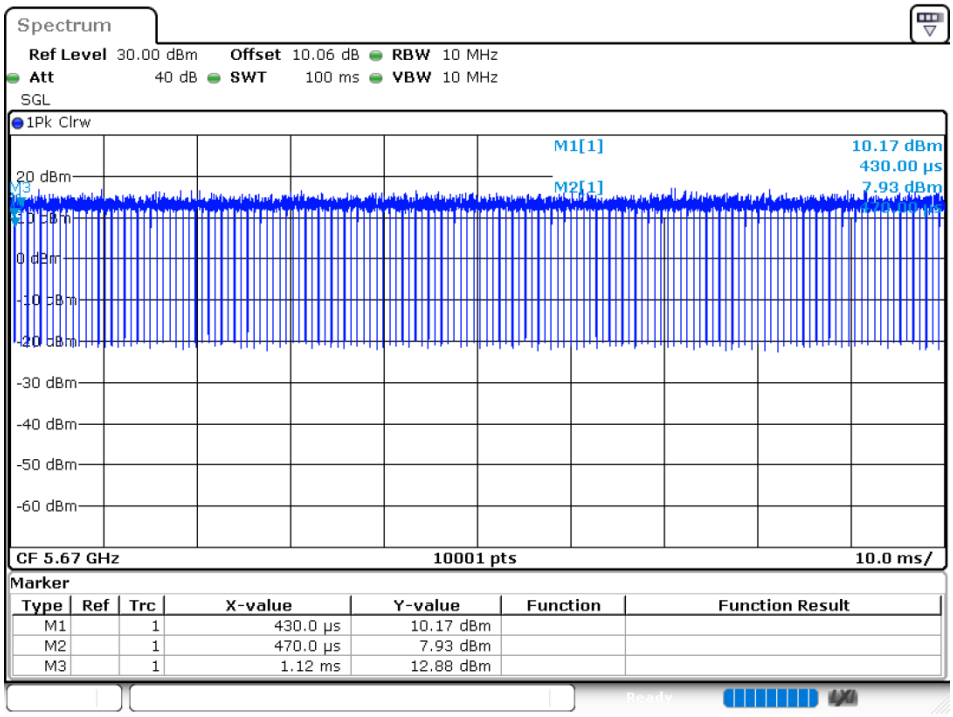
Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



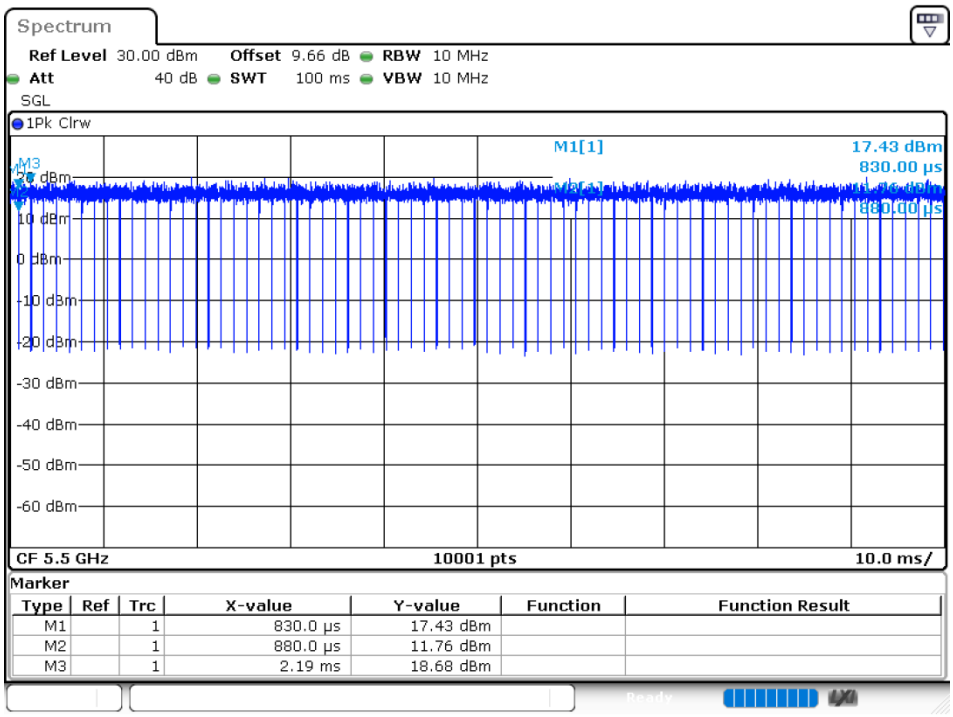
Duty Cycle NVNT n40 5670MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	430.0 µs	10.17 dBm		
M2		1	470.0 µs	7.93 dBm		
M3		1	1.12 ms	12.88 dBm		

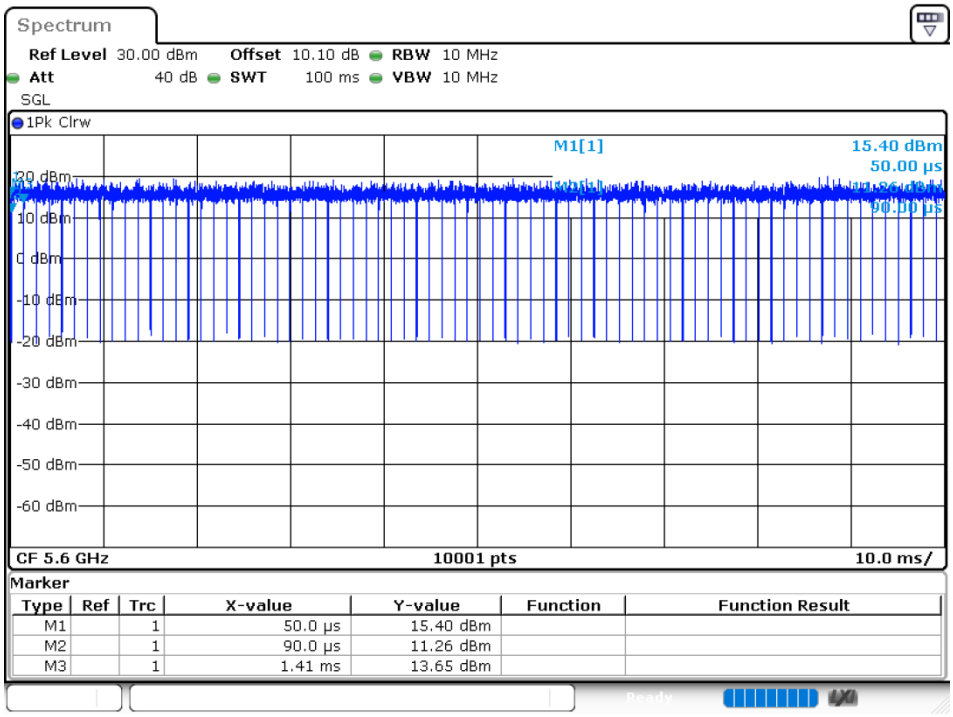
Duty Cycle NVNT ac20 5500MHz Ant1



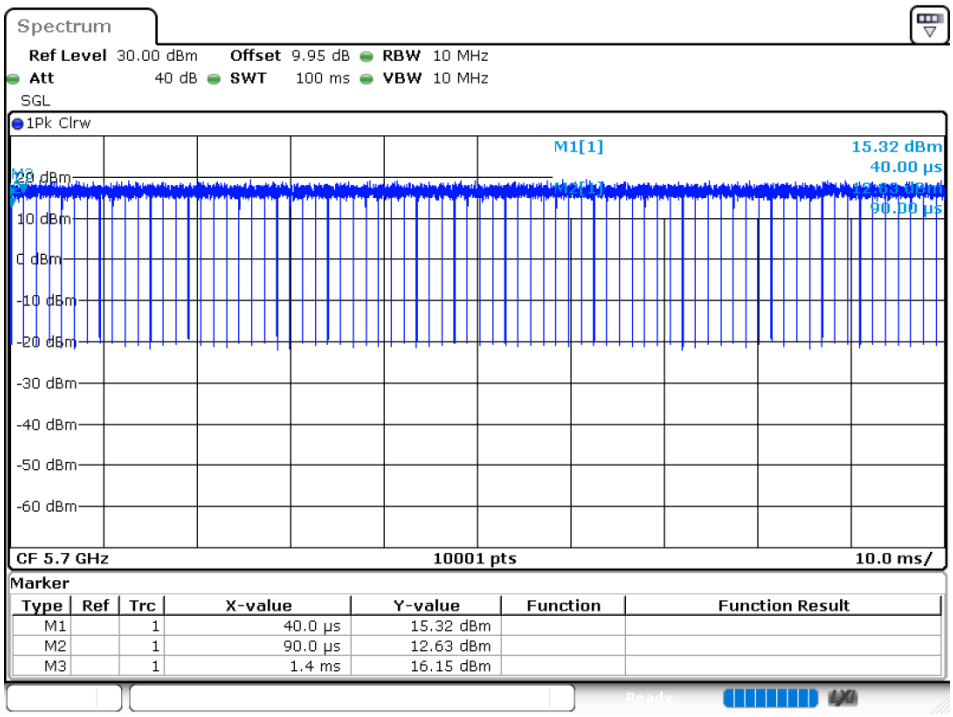
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	830.0 µs	17.43 dBm		
M2		1	880.0 µs	11.76 dBm		
M3		1	2.19 ms	18.68 dBm		

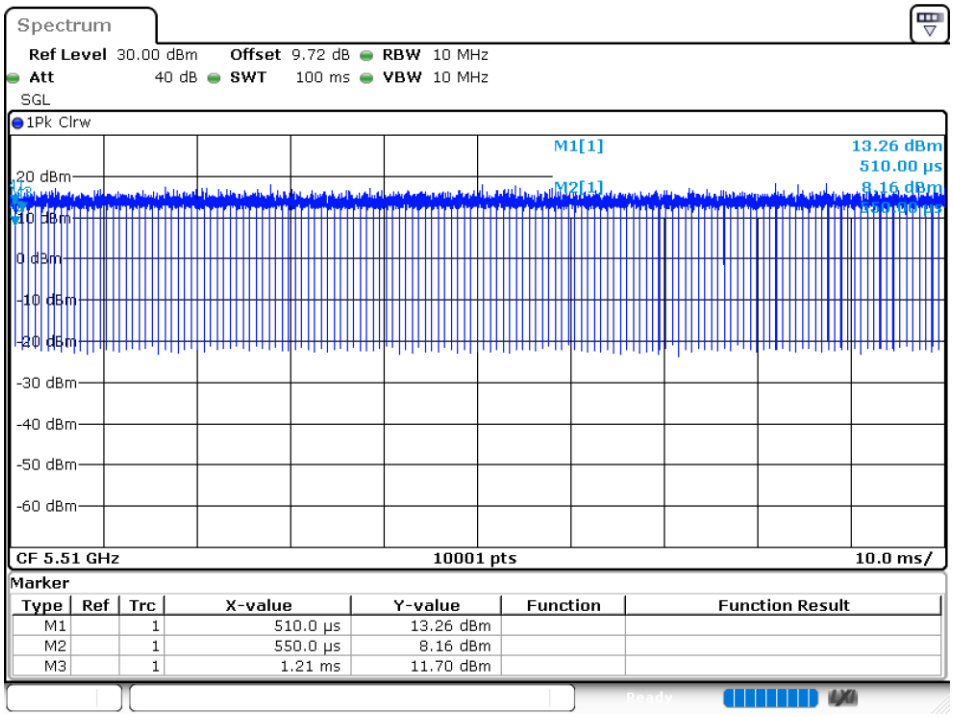
Duty Cycle NVNT ac20 5600MHz Ant1



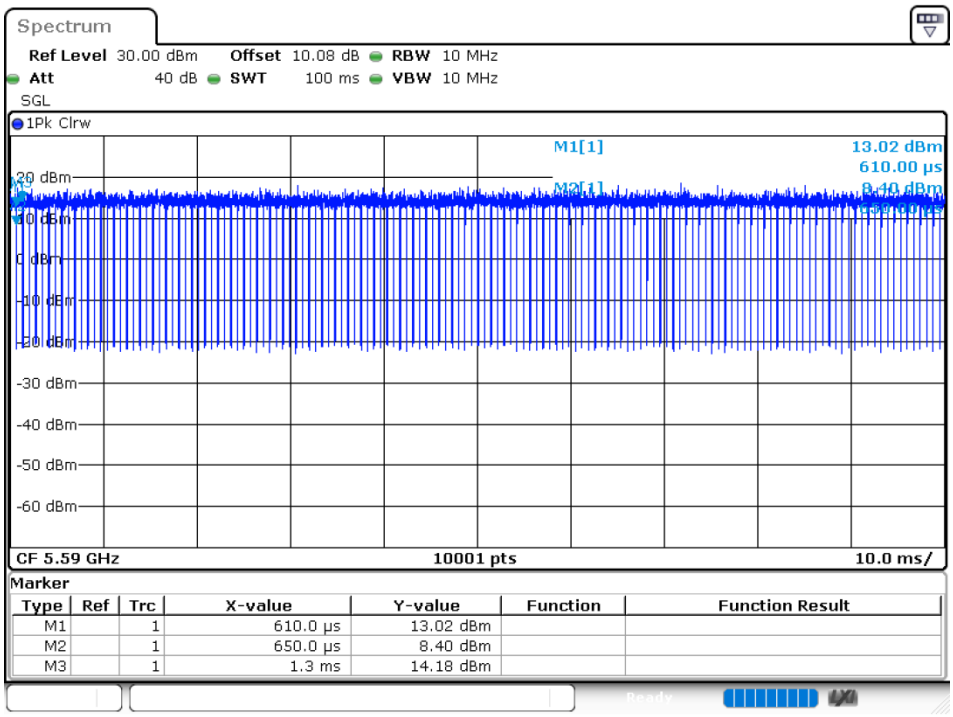
Duty Cycle NVNT ac20 5700MHz Ant1



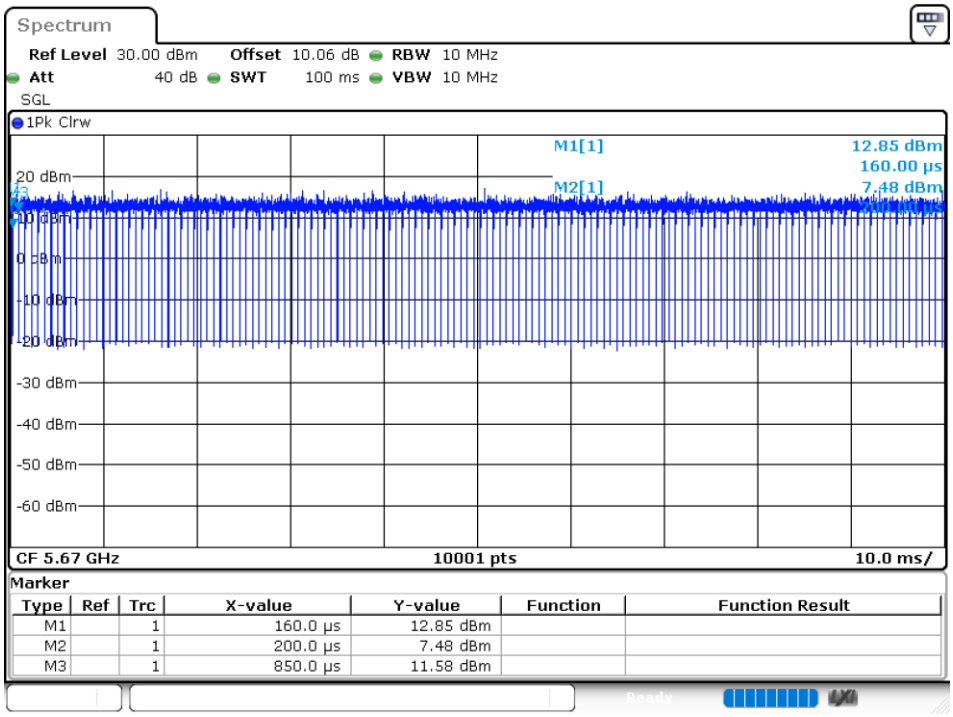
Duty Cycle NVNT ac40 5510MHz Ant1



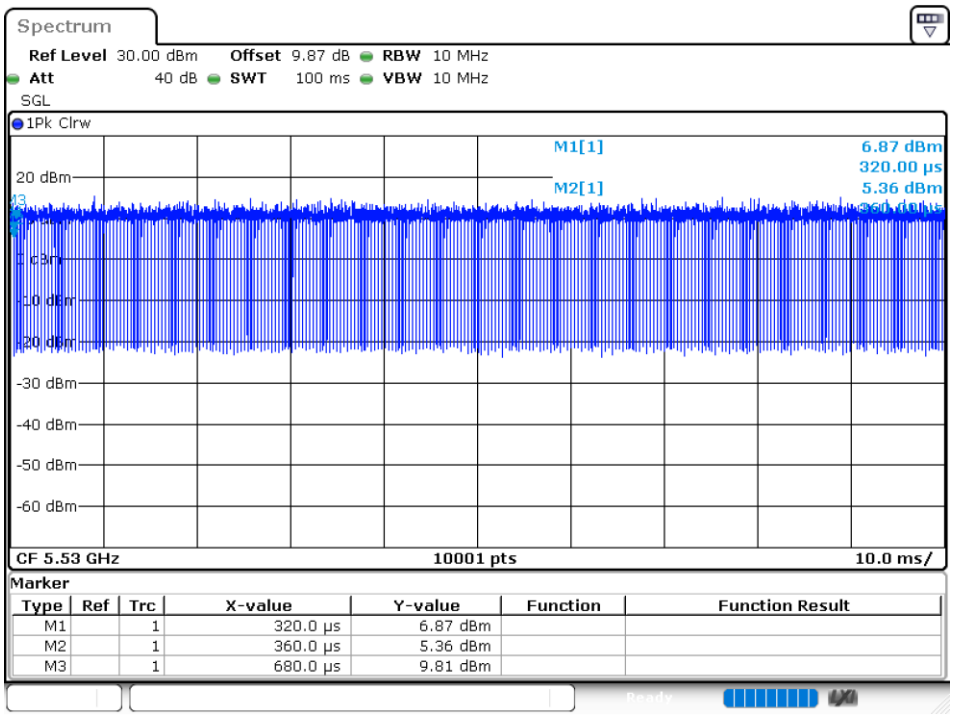
Duty Cycle NVNT ac40 5590MHz Ant1



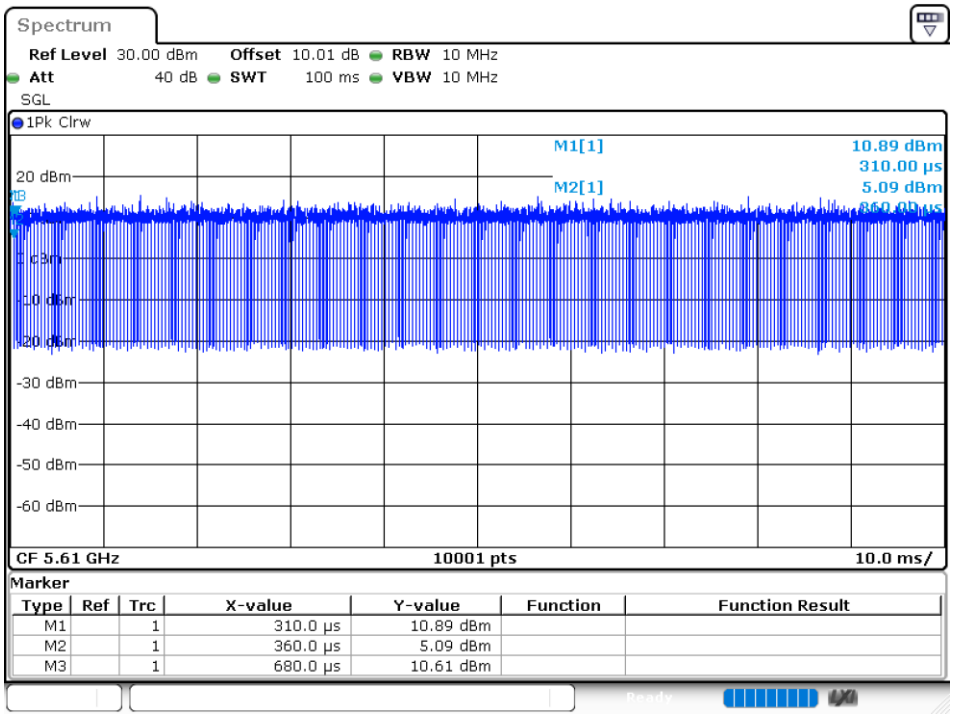
Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1



Duty Cycle NVNT ac80 5610MHz Ant1



Maximum Conducted Output Power

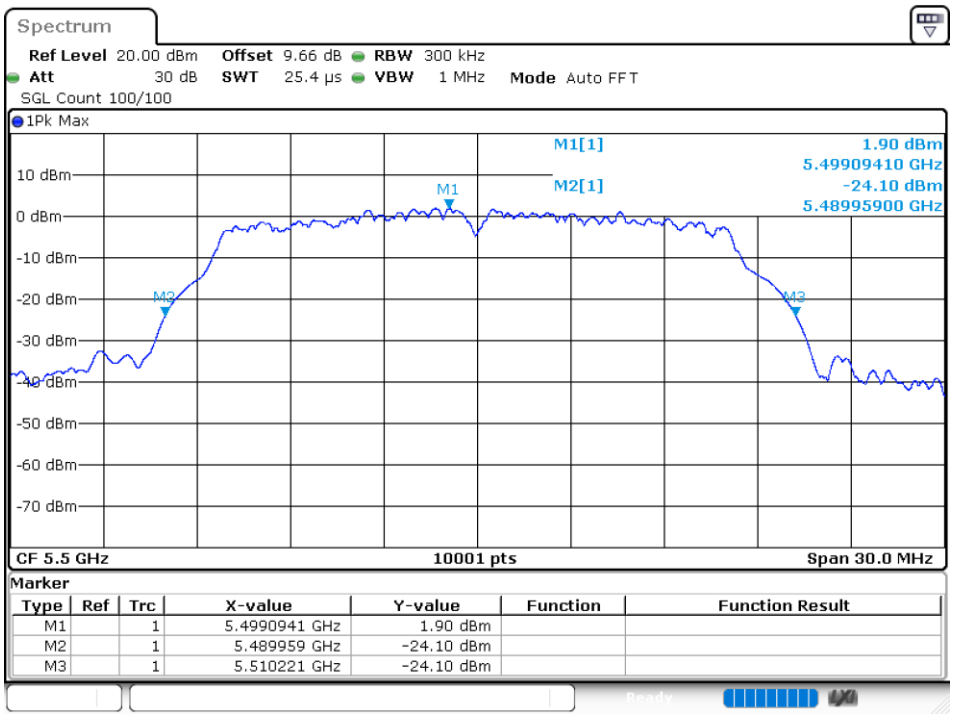
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.18	0.11	10.29	24	Pass
NVNT	a	5600	Ant1	10.04	0.1	10.14	24	Pass
NVNT	a	5700	Ant1	10.21	0.11	10.32	24	Pass
NVNT	n20	5500	Ant1	10.7	0.11	10.81	24	Pass
NVNT	n20	5600	Ant1	10.49	0.11	10.6	24	Pass
NVNT	n20	5700	Ant1	10.03	0.11	10.14	24	Pass
NVNT	n40	5510	Ant1	10.23	0.22	10.45	24	Pass
NVNT	n40	5590	Ant1	10.1	0.22	10.32	24	Pass
NVNT	n40	5670	Ant1	10.13	0.22	10.35	24	Pass
NVNT	ac20	5500	Ant1	10.19	0.11	10.3	24	Pass
NVNT	ac20	5600	Ant1	10.34	0.11	10.45	24	Pass
NVNT	ac20	5700	Ant1	10.28	0.11	10.39	24	Pass
NVNT	ac40	5510	Ant1	9.93	0.22	10.15	24	Pass
NVNT	ac40	5590	Ant1	10.54	0.22	10.76	24	Pass
NVNT	ac40	5670	Ant1	9.75	0.22	9.97	24	Pass
NVNT	ac80	5530	Ant1	10.37	0.43	10.8	24	Pass
NVNT	ac80	5610	Ant1	10.4	0.42	10.82	24	Pass

-26dB Bandwidth

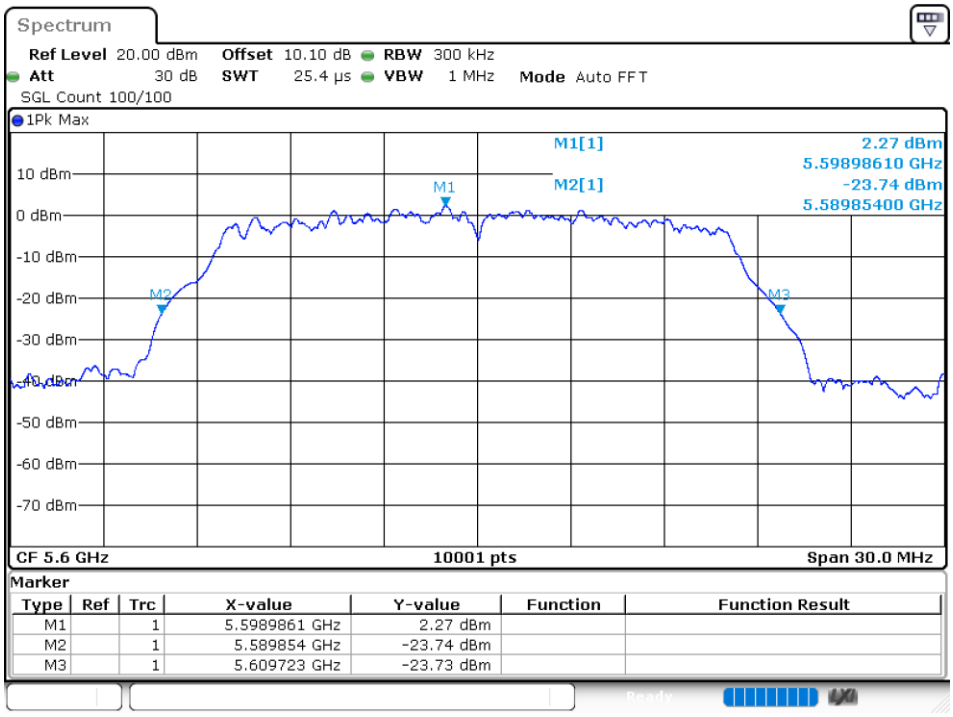
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.262	Pass
NVNT	a	5600	Ant1	19.869	Pass
NVNT	a	5700	Ant1	19.734	Pass
NVNT	n20	5500	Ant1	20.388	Pass
NVNT	n20	5600	Ant1	20.148	Pass
NVNT	n20	5700	Ant1	20.136	Pass
NVNT	n40	5510	Ant1	40.536	Pass
NVNT	n40	5590	Ant1	40.554	Pass
NVNT	n40	5670	Ant1	40.812	Pass
NVNT	ac20	5500	Ant1	20.049	Pass
NVNT	ac20	5600	Ant1	20.205	Pass
NVNT	ac20	5700	Ant1	20.175	Pass
NVNT	ac40	5510	Ant1	40.638	Pass
NVNT	ac40	5590	Ant1	40.56	Pass
NVNT	ac40	5670	Ant1	40.98	Pass
NVNT	ac80	5530	Ant1	81.216	Pass
NVNT	ac80	5610	Ant1	81.384	Pass

Test Graphs

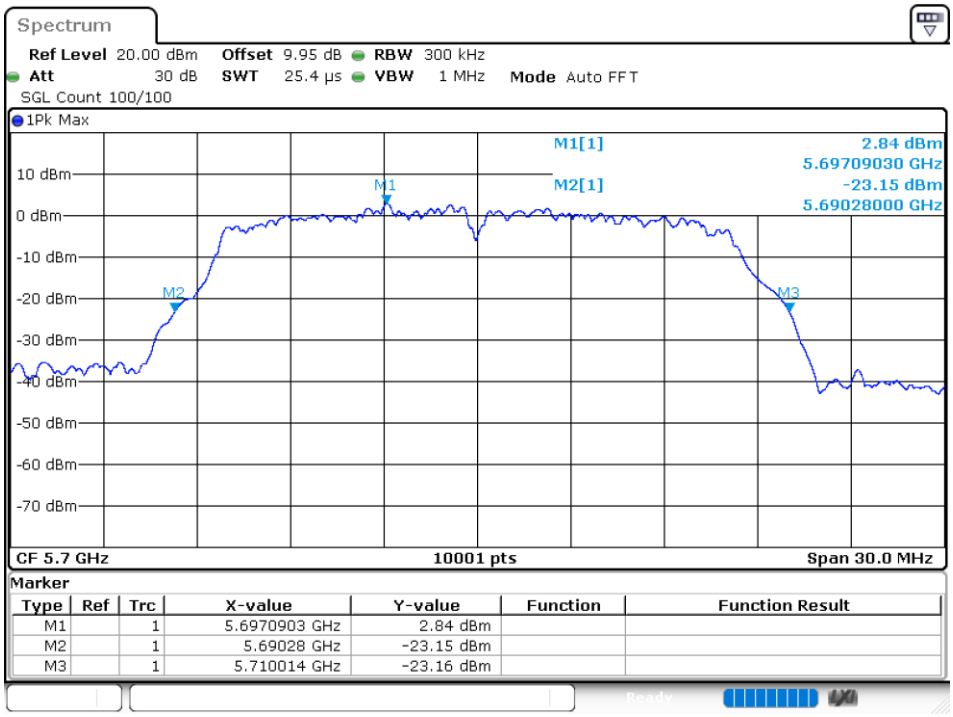
-26dB Bandwidth NVNT a 5500MHz Ant1



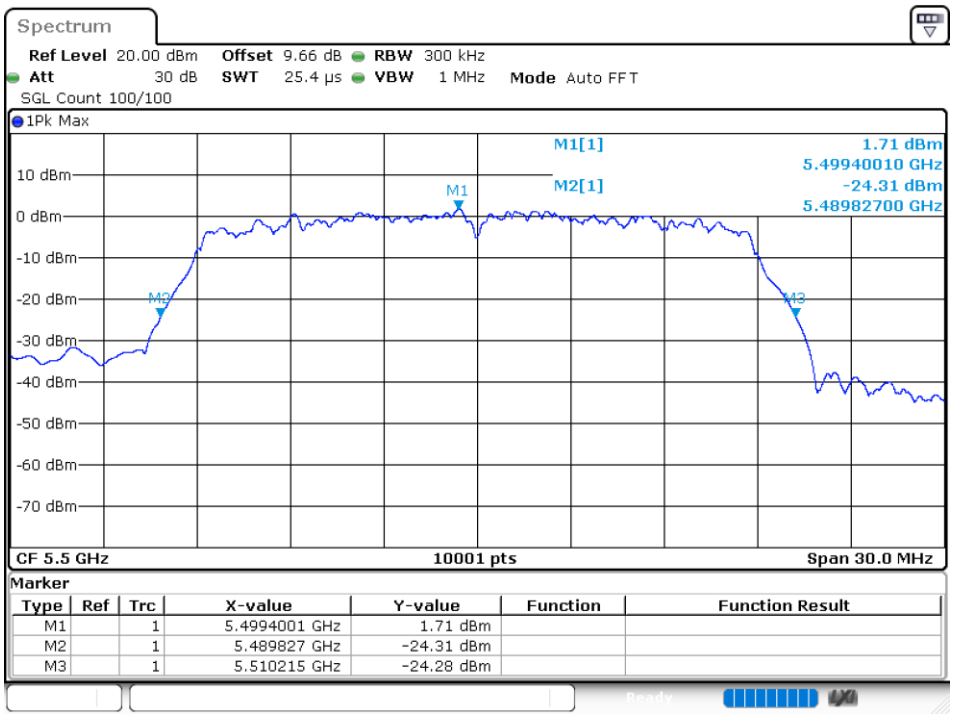
-26dB Bandwidth NVNT a 5600MHz Ant1



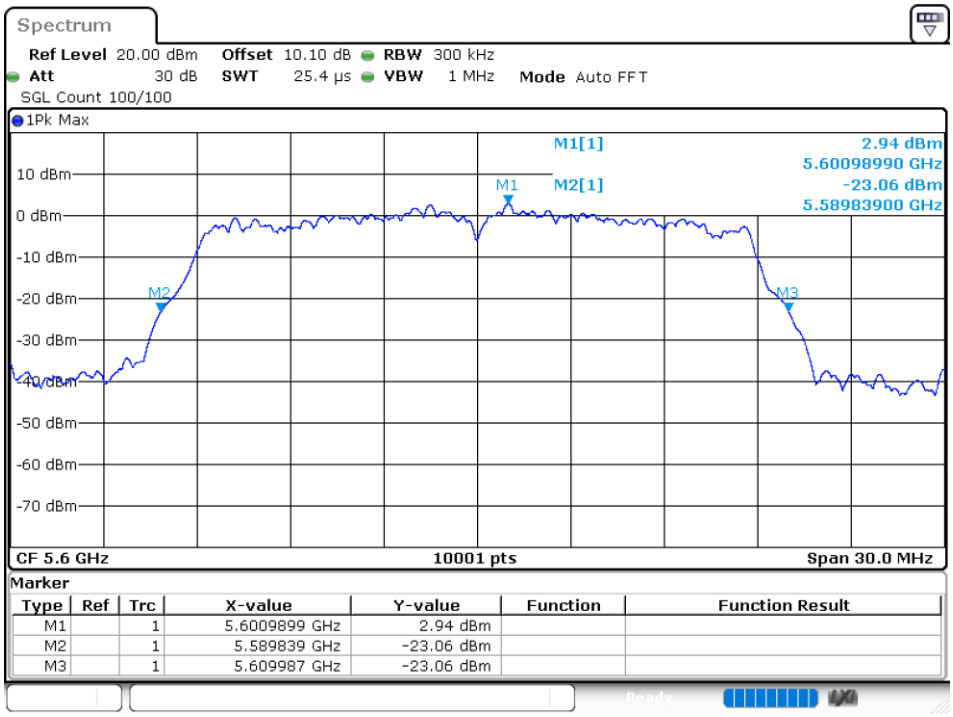
-26dB Bandwidth NVNT a 5700MHz Ant1



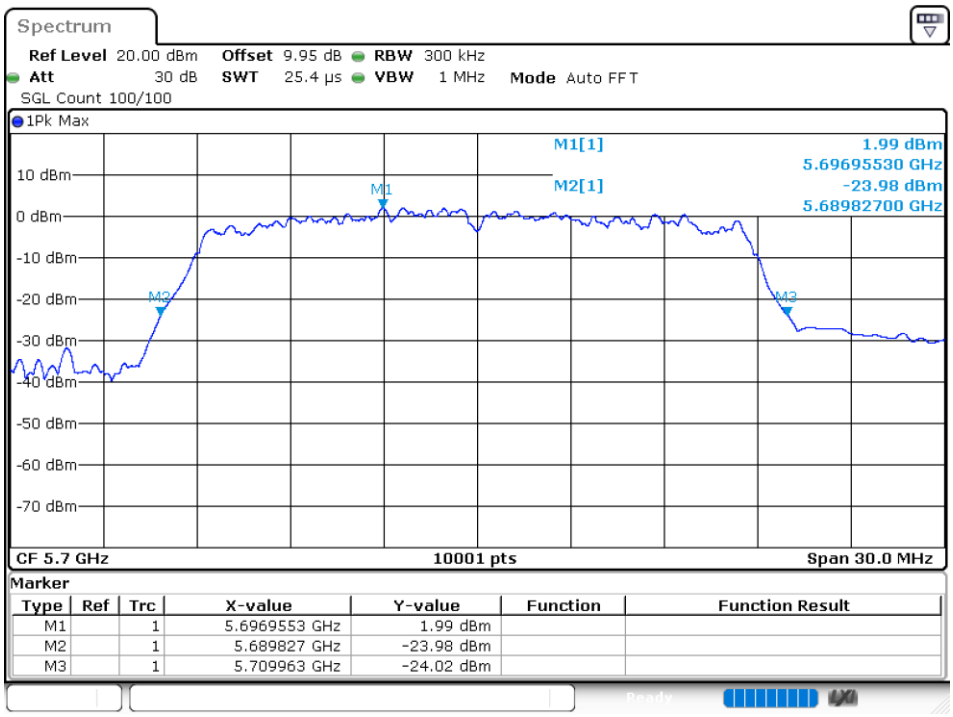
-26dB Bandwidth NVNT n20 5500MHz Ant1



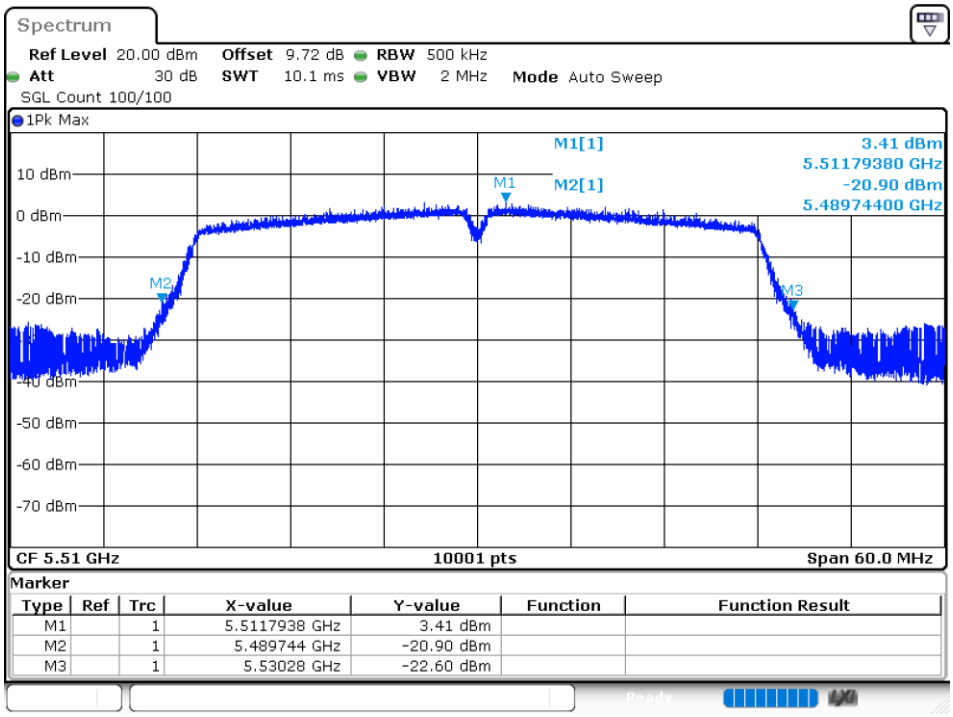
-26dB Bandwidth NVNT n20 5600MHz Ant1



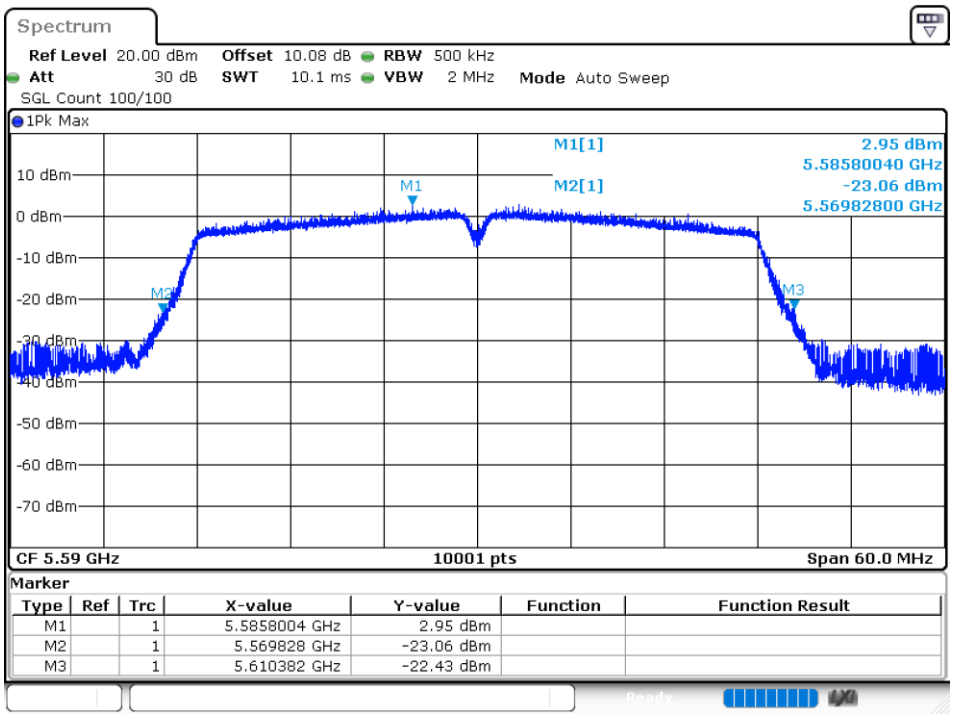
-26dB Bandwidth NVNT n20 5700MHz Ant1



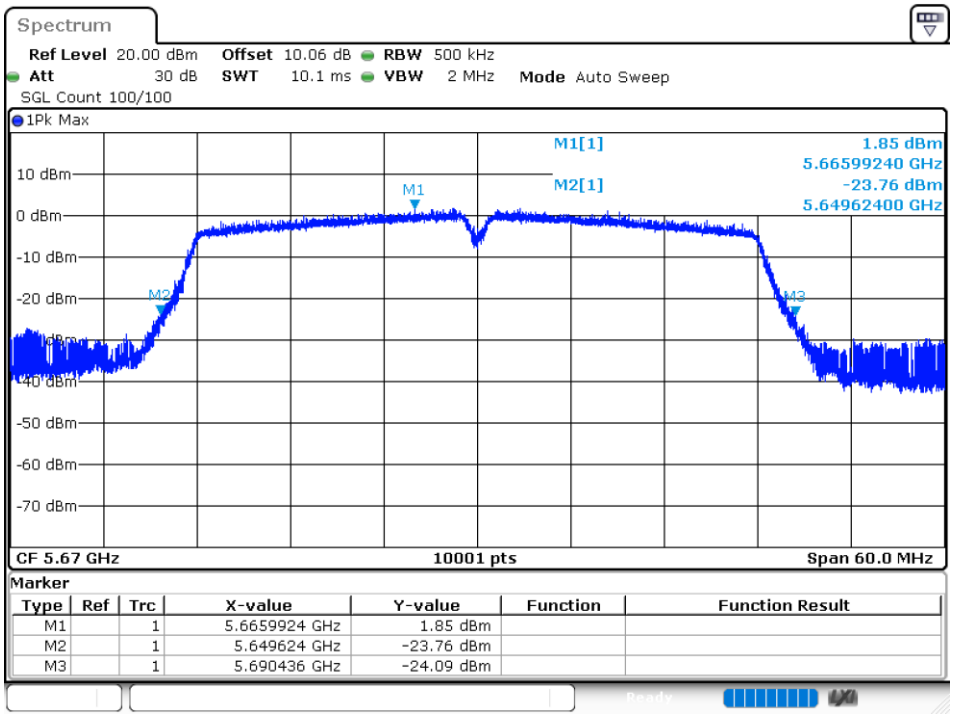
-26dB Bandwidth NVNT n40 5510MHz Ant1



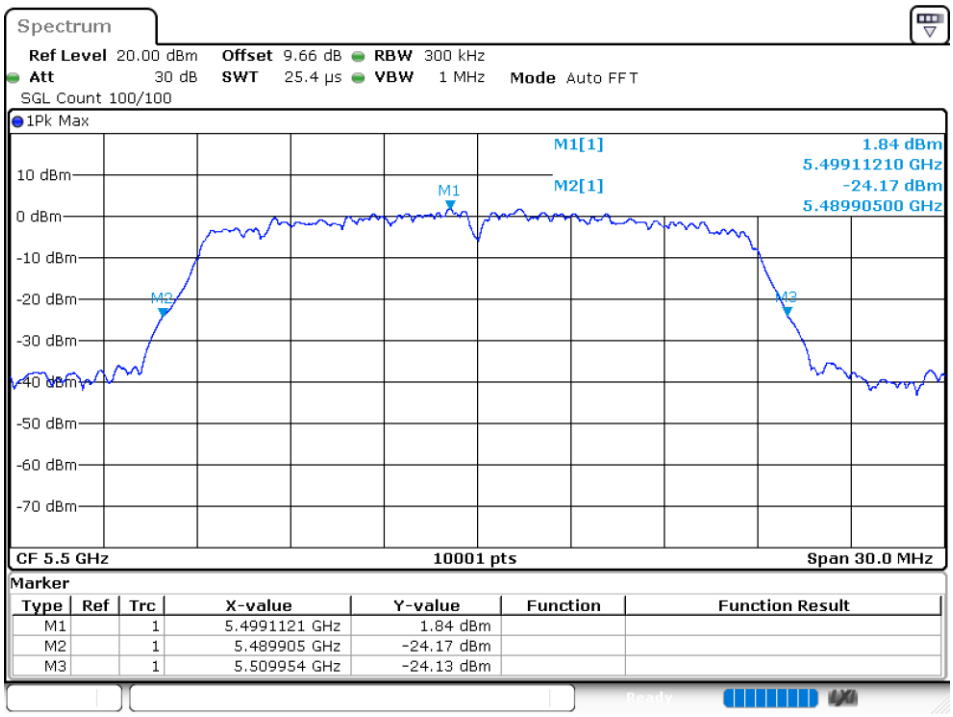
-26dB Bandwidth NVNT n40 5590MHz Ant1



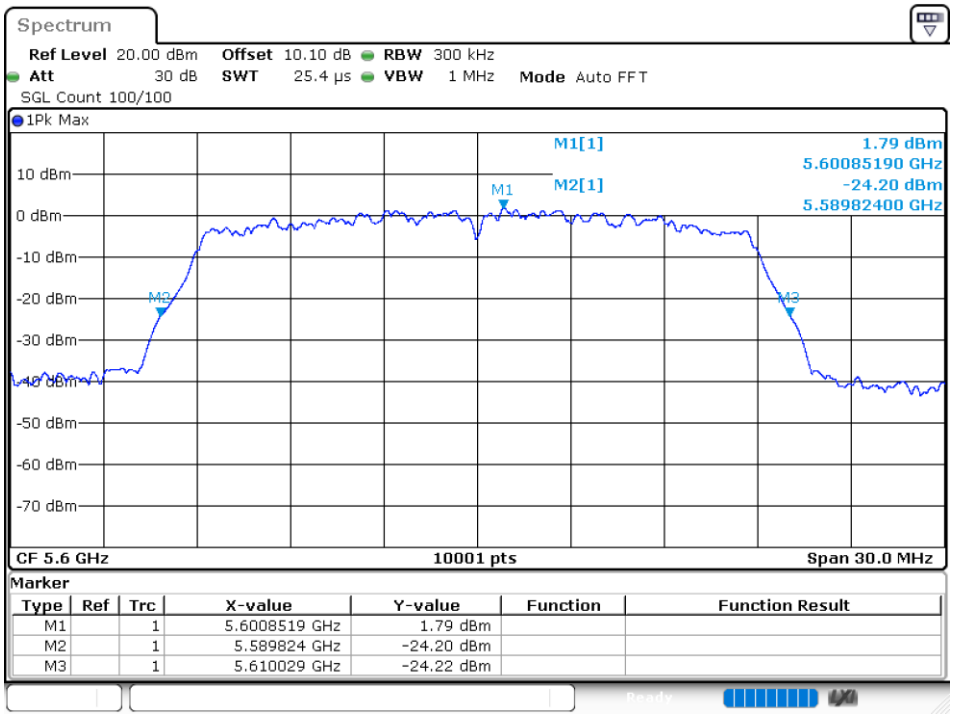
-26dB Bandwidth NVNT n40 5670MHz Ant1



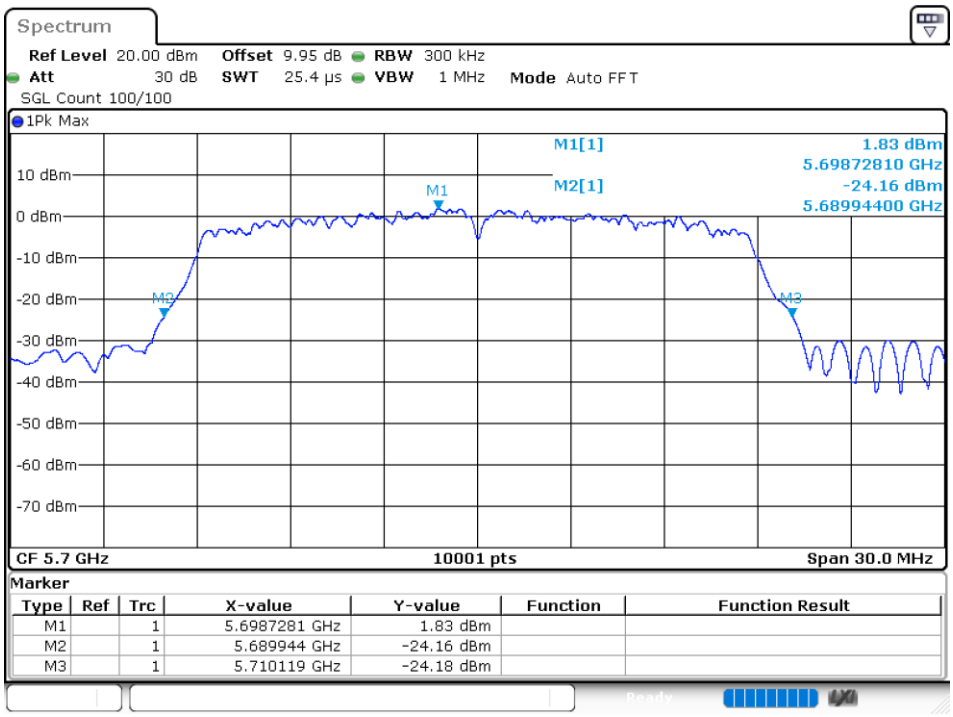
-26dB Bandwidth NVNT ac20 5500MHz Ant1



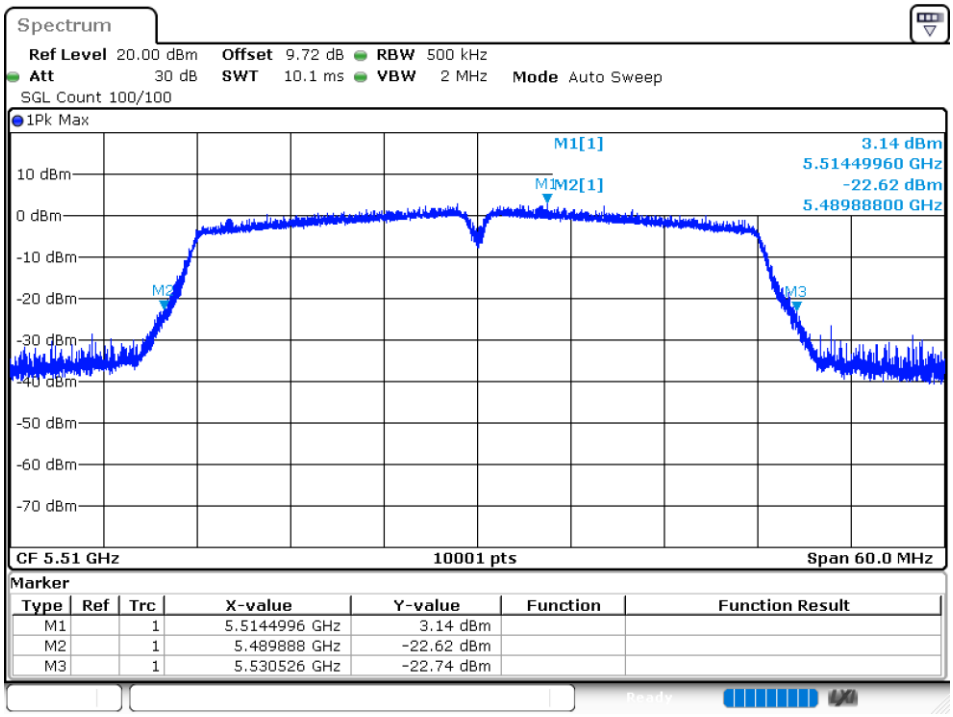
-26dB Bandwidth NVNT ac20 5600MHz Ant1



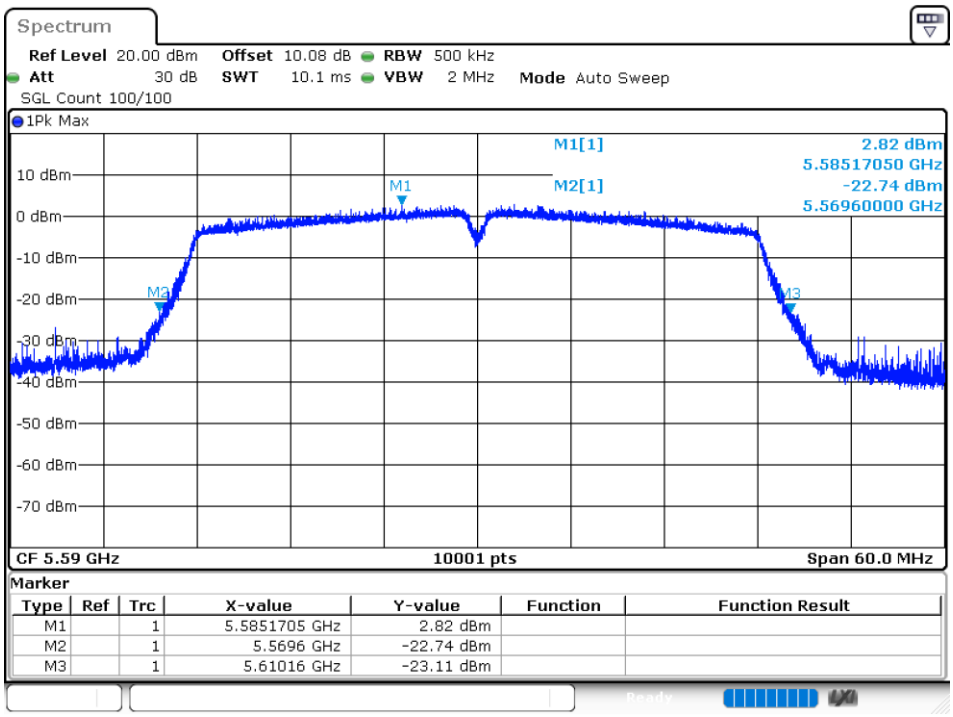
-26dB Bandwidth NVNT ac20 5700MHz Ant1



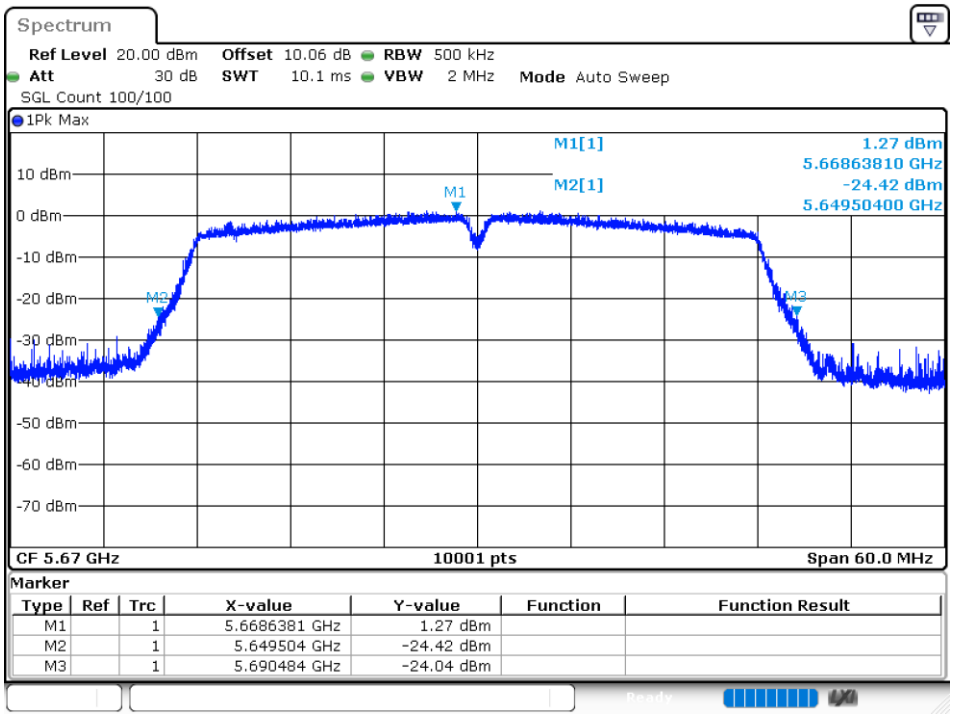
-26dB Bandwidth NVNT ac40 5510MHz Ant1



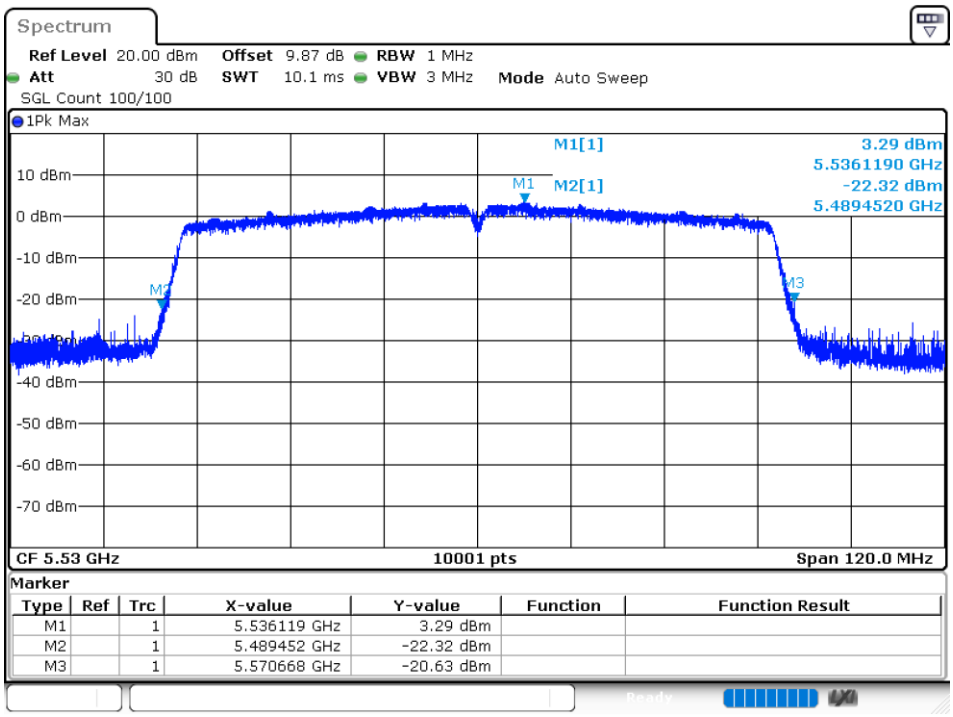
-26dB Bandwidth NVNT ac40 5590MHz Ant1



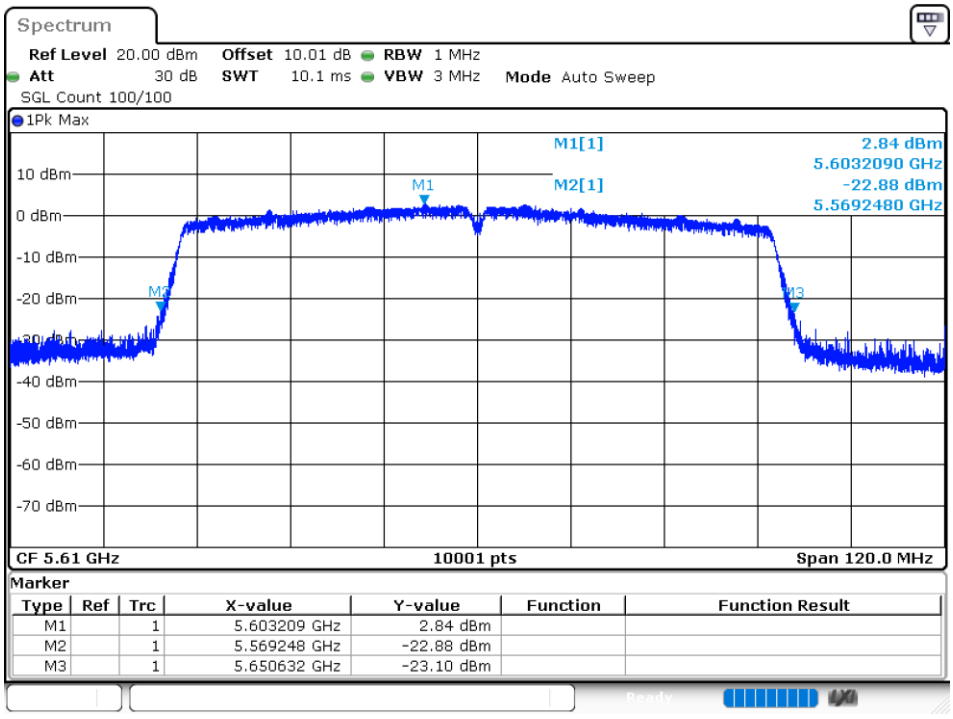
-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1



-26dB Bandwidth NVNT ac80 5610MHz Ant1

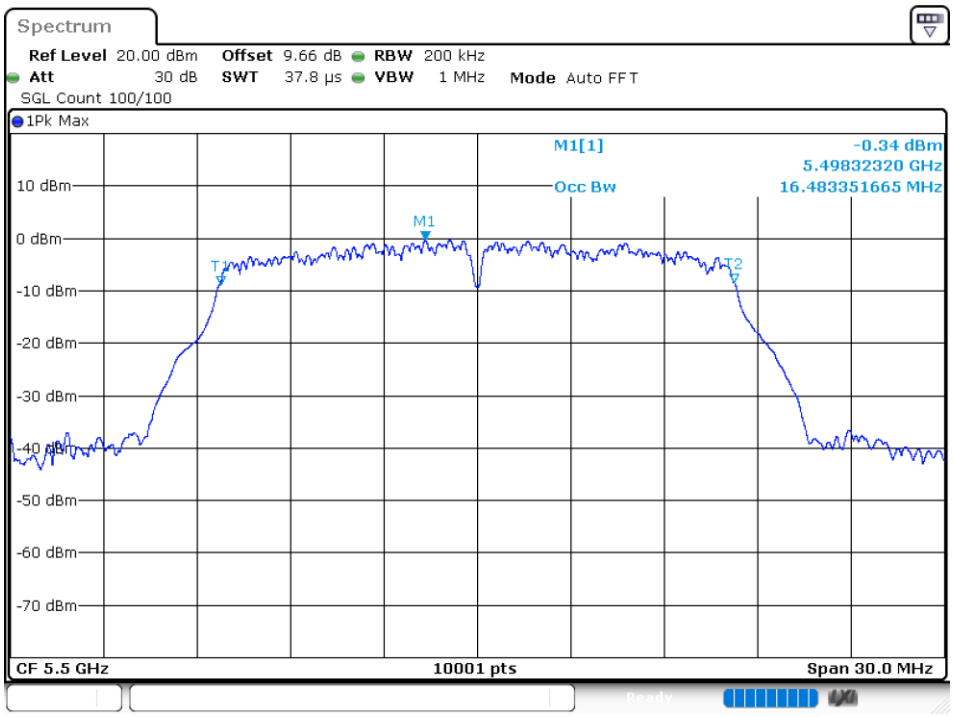


Occupied Channel Bandwidth

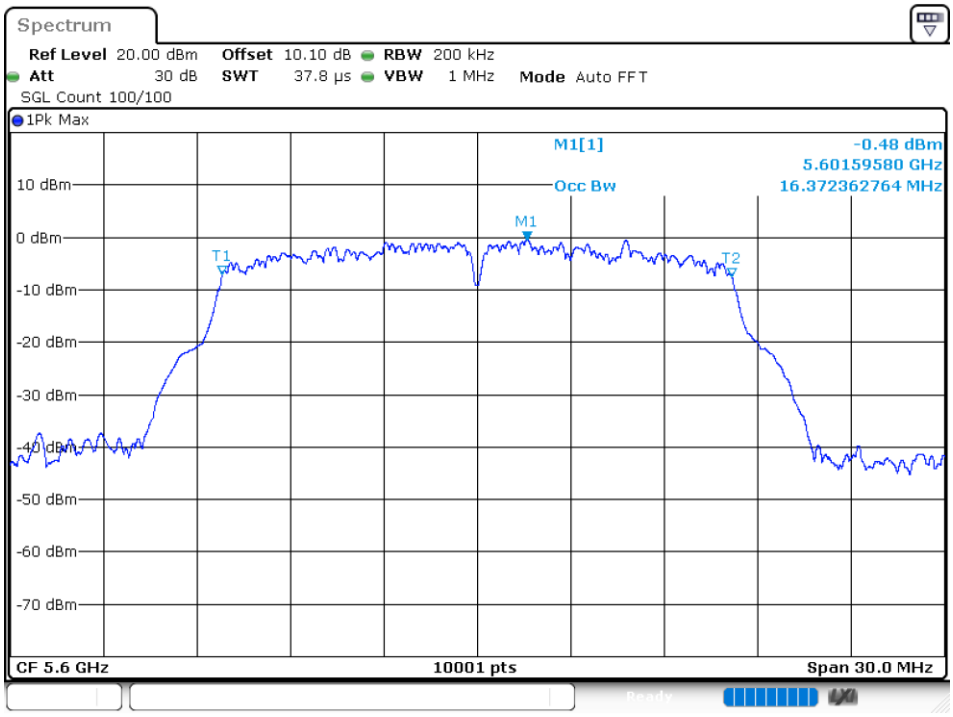
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.483
NVNT	a	5600	Ant1	16.372
NVNT	a	5700	Ant1	16.339
NVNT	n20	5500	Ant1	17.545
NVNT	n20	5600	Ant1	17.542
NVNT	n20	5700	Ant1	17.512
NVNT	n40	5510	Ant1	36.032
NVNT	n40	5590	Ant1	35.984
NVNT	n40	5670	Ant1	36.044
NVNT	ac20	5500	Ant1	17.566
NVNT	ac20	5600	Ant1	17.533
NVNT	ac20	5700	Ant1	17.479
NVNT	ac40	5510	Ant1	36.002
NVNT	ac40	5590	Ant1	35.984
NVNT	ac40	5670	Ant1	36.056
NVNT	ac80	5530	Ant1	75.112
NVNT	ac80	5610	Ant1	75.124

Test Graphs

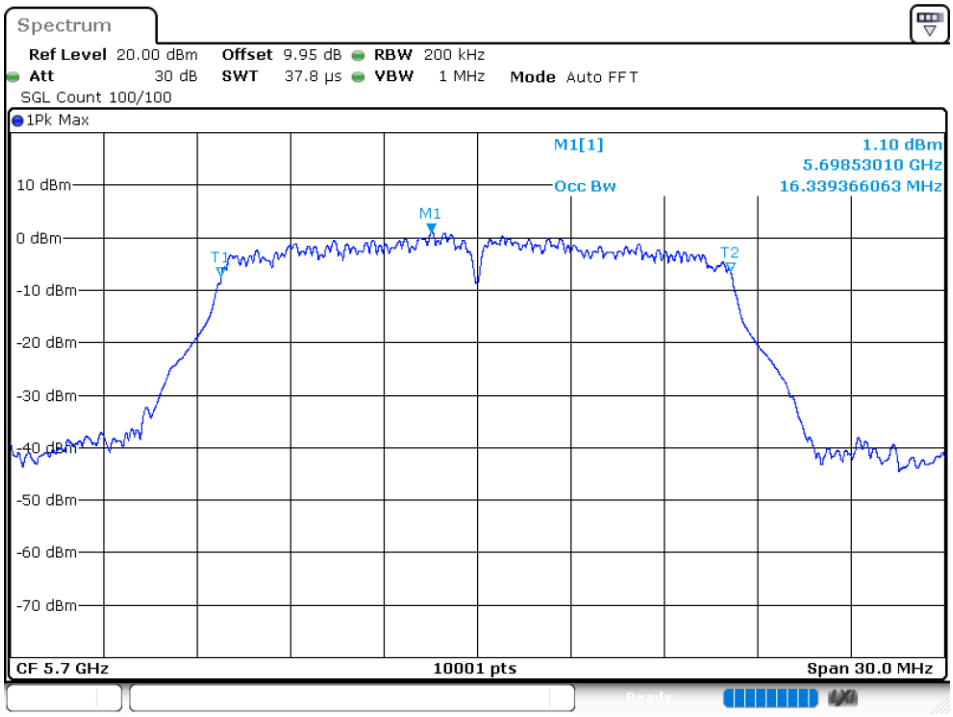
OBW NVNT a 5500MHz Ant1



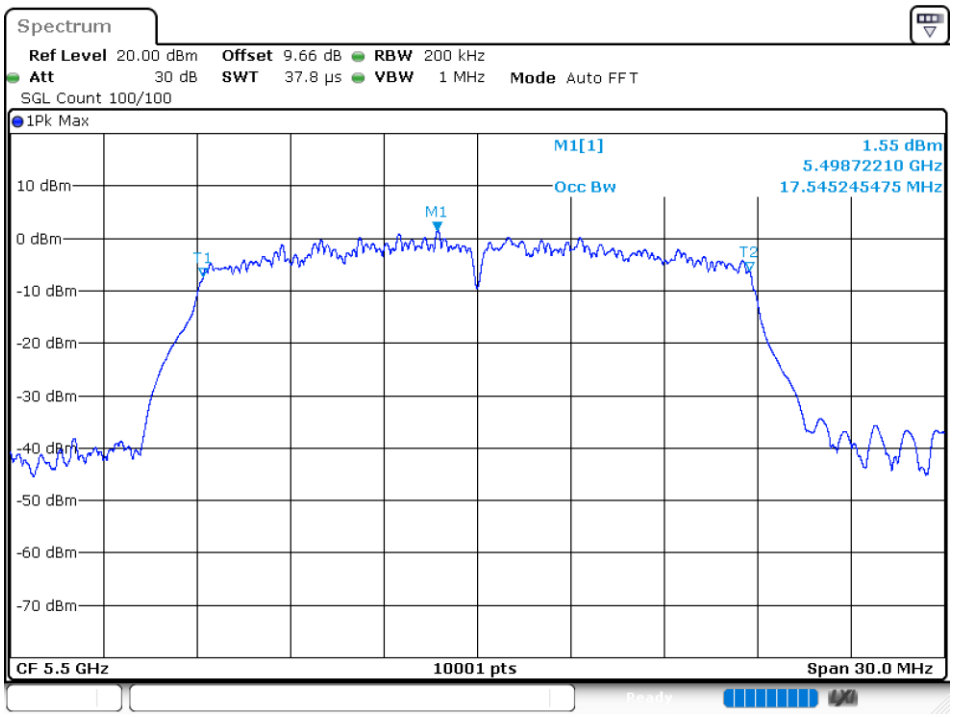
OBW NVNT a 5600MHz Ant1



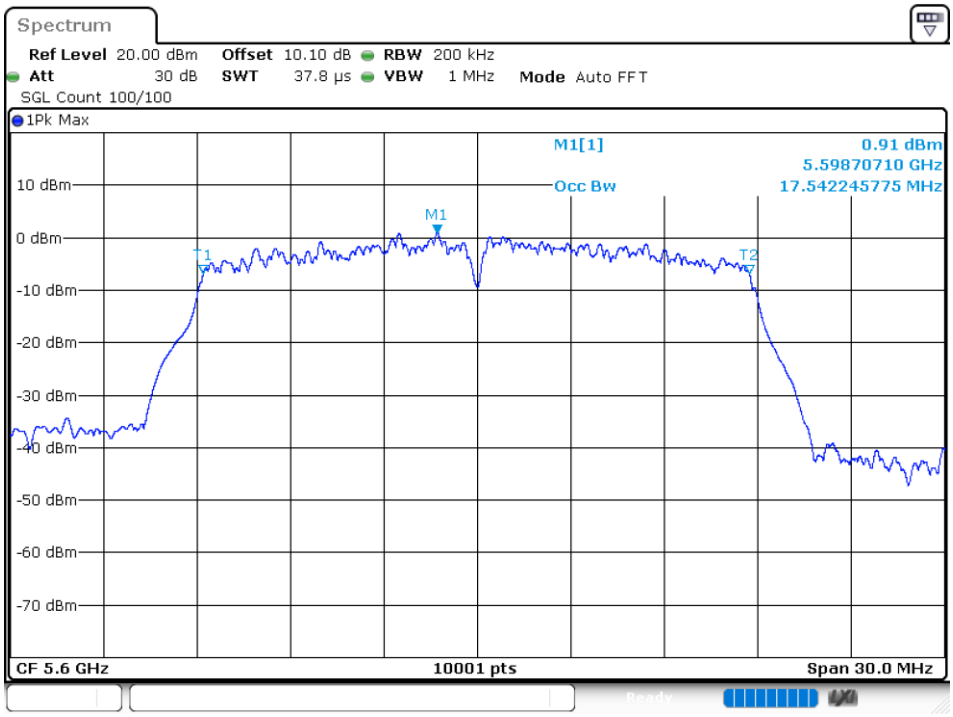
OBW NVNT a 5700MHz Ant1



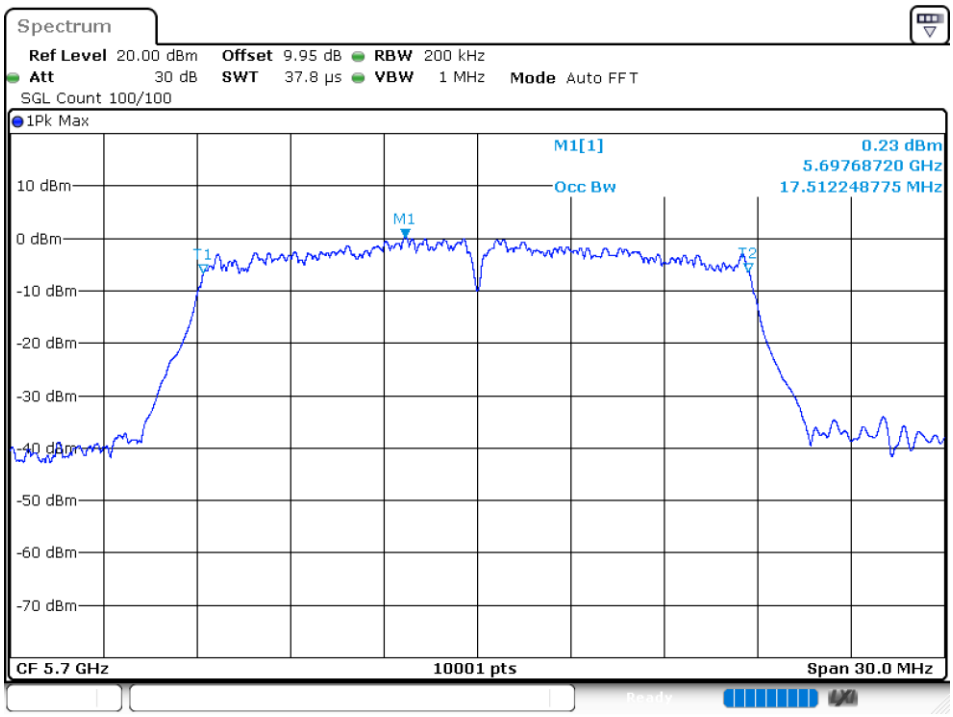
OBW NVNT n20 5500MHz Ant1



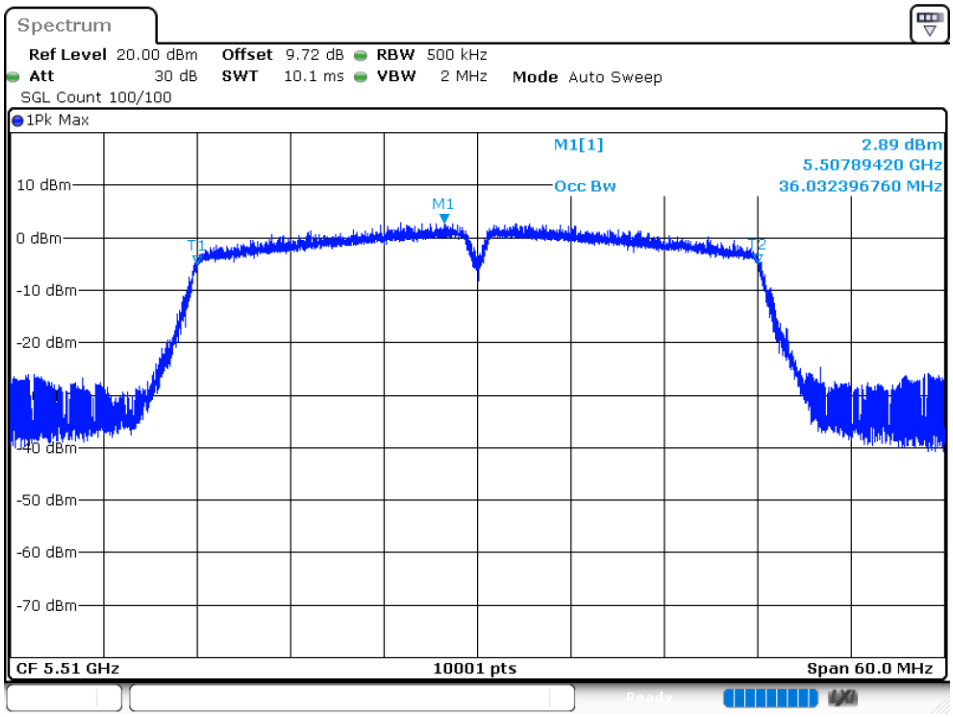
OBW NVNT n20 5600MHz Ant1



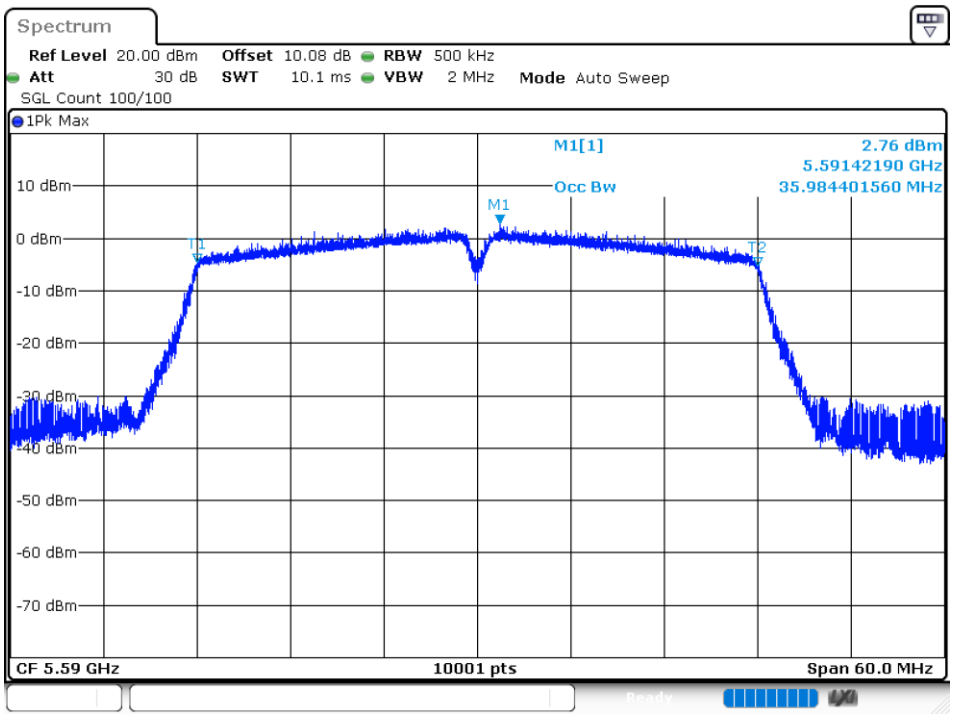
OBW NVNT n20 5700MHz Ant1



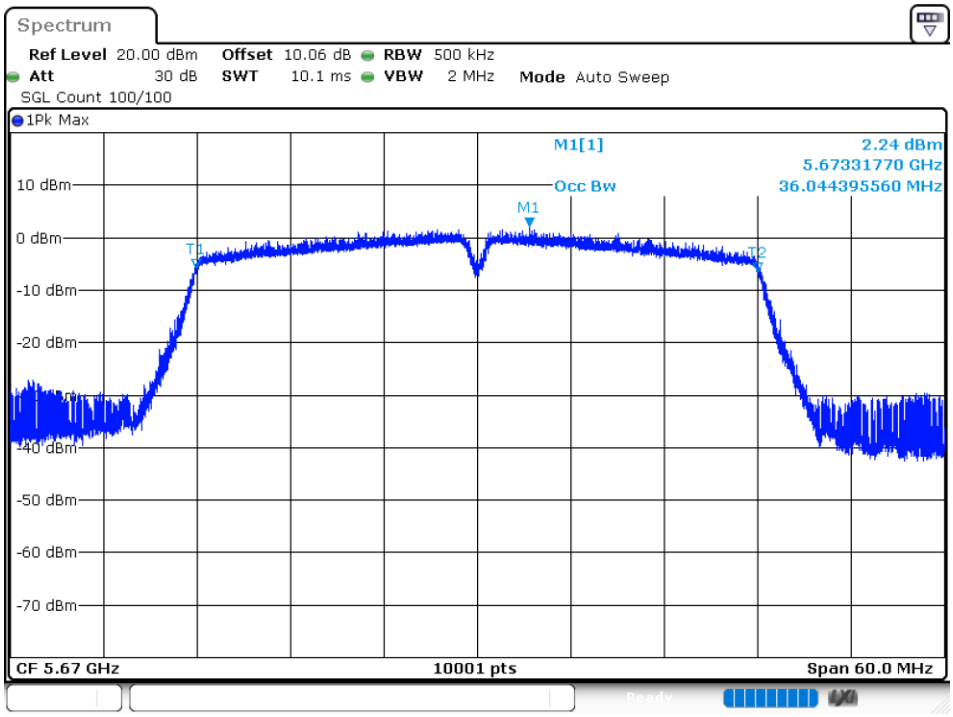
OBW NVNT n40 5510MHz Ant1



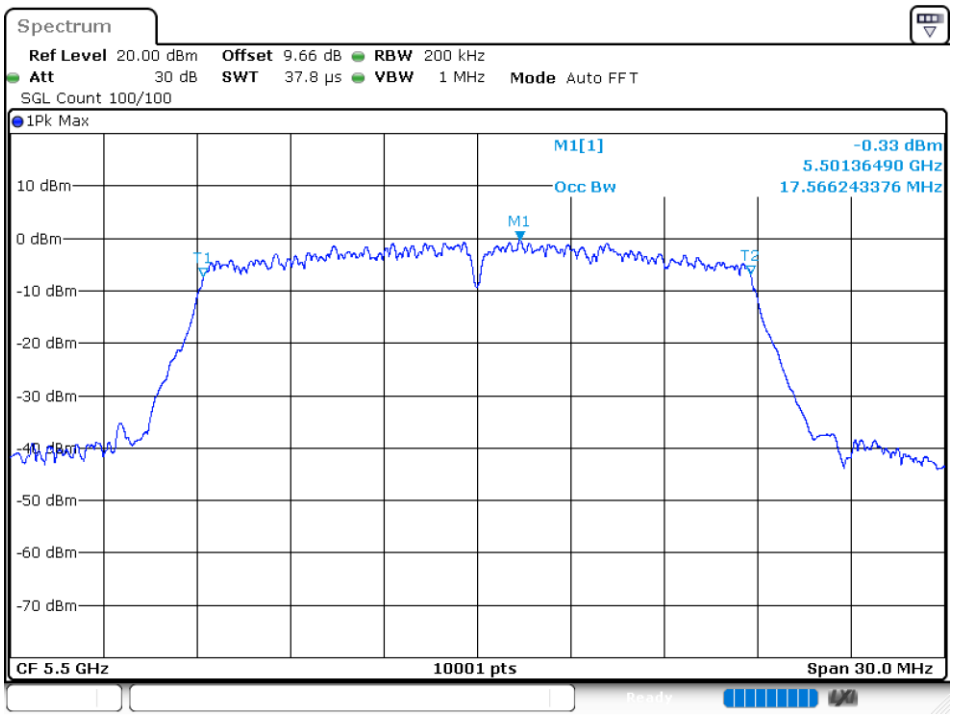
OBW NVNT n40 5590MHz Ant1



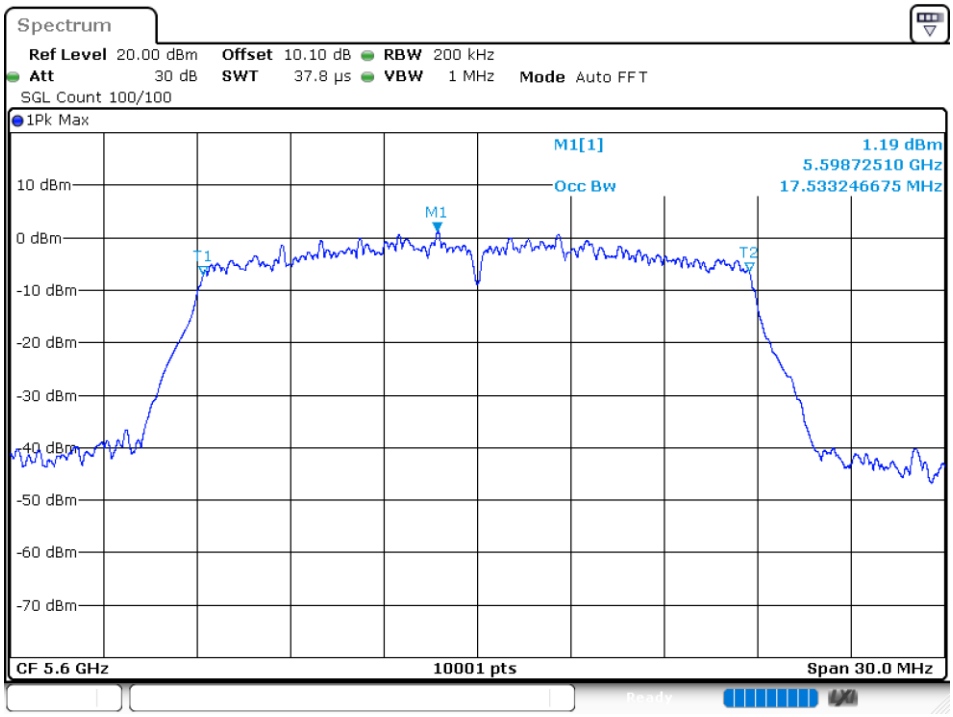
OBW NVNT n40 5670MHz Ant1



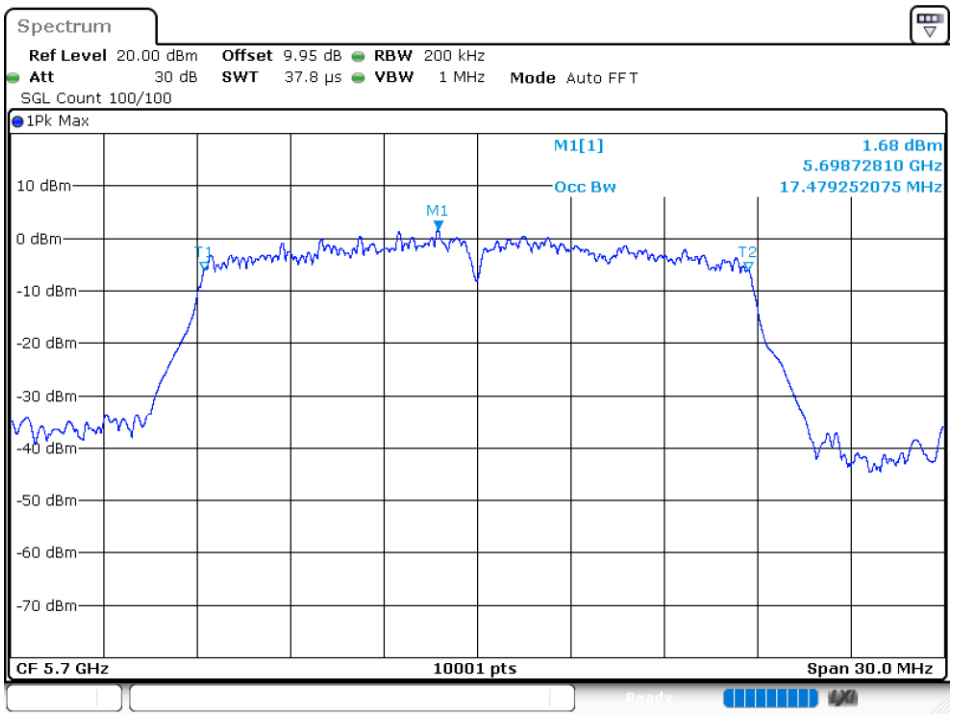
OBW NVNT ac20 5500MHz Ant1



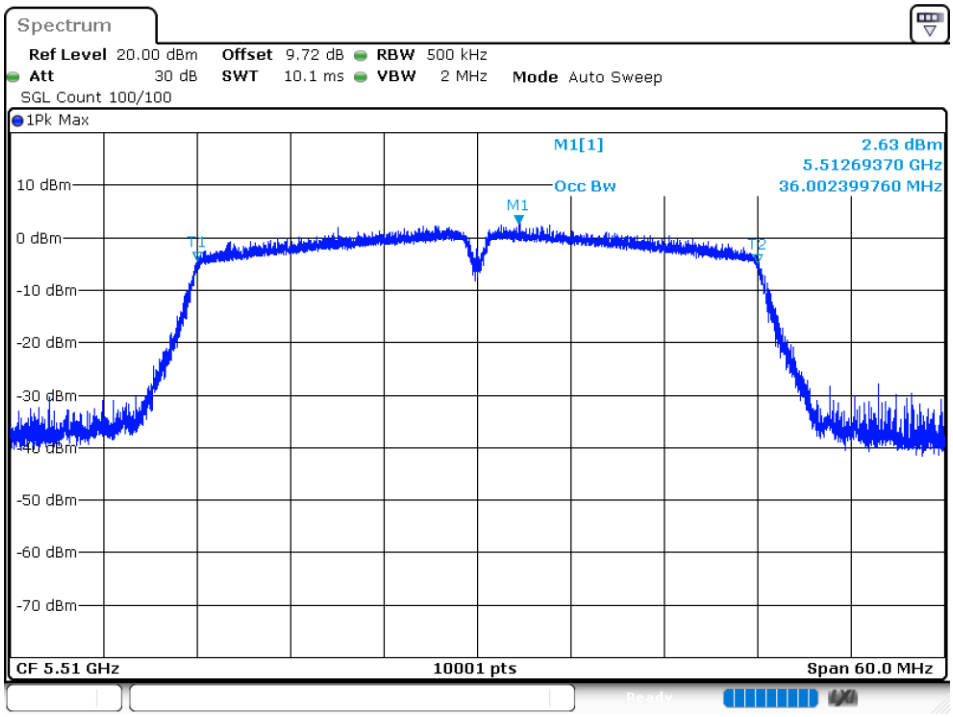
OBW NVNT ac20 5600MHz Ant1



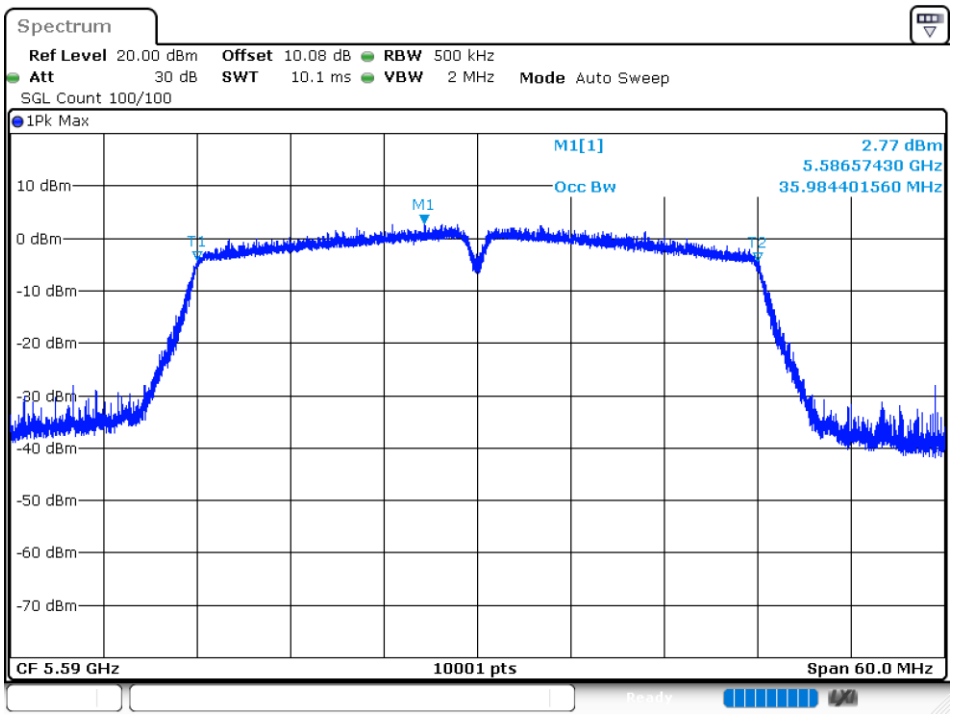
OBW NVNT ac20 5700MHz Ant1



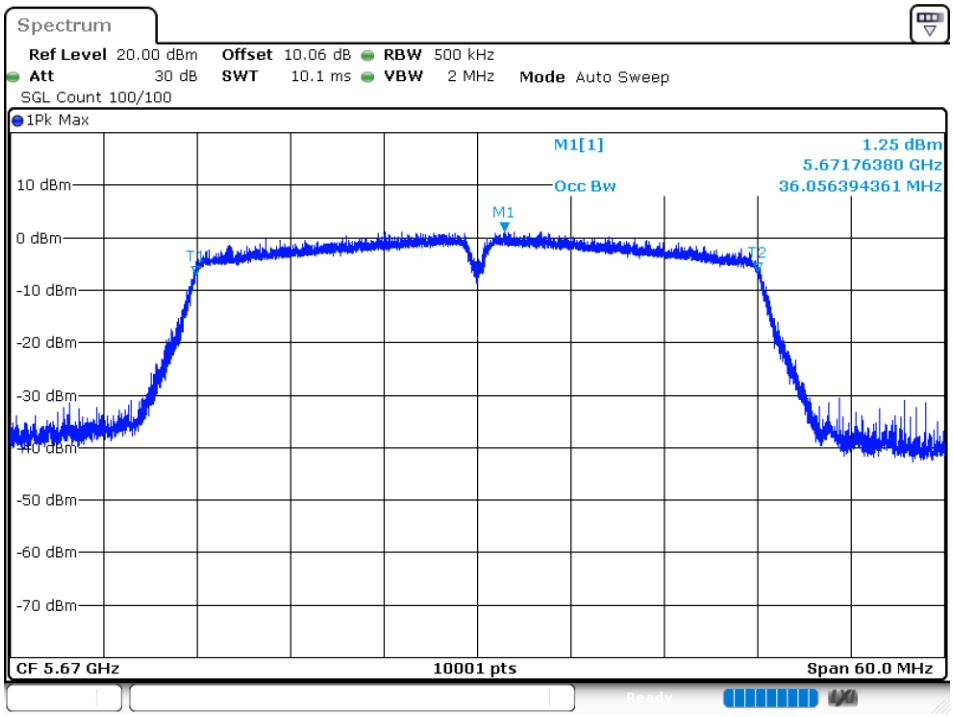
OBW NVNT ac40 5510MHz Ant1



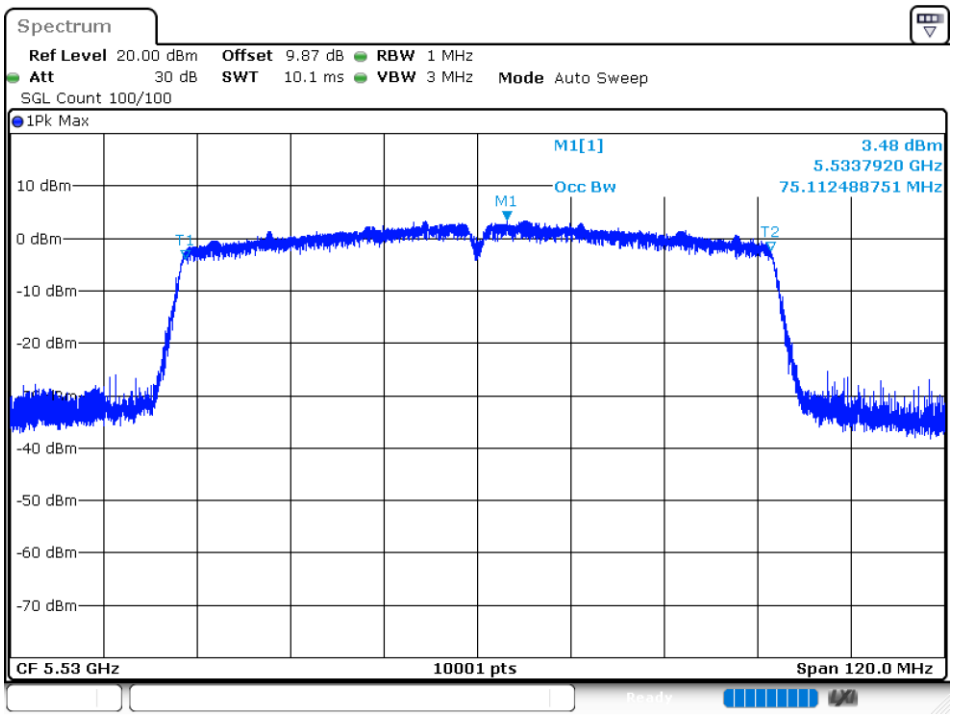
OBW NVNT ac40 5590MHz Ant1



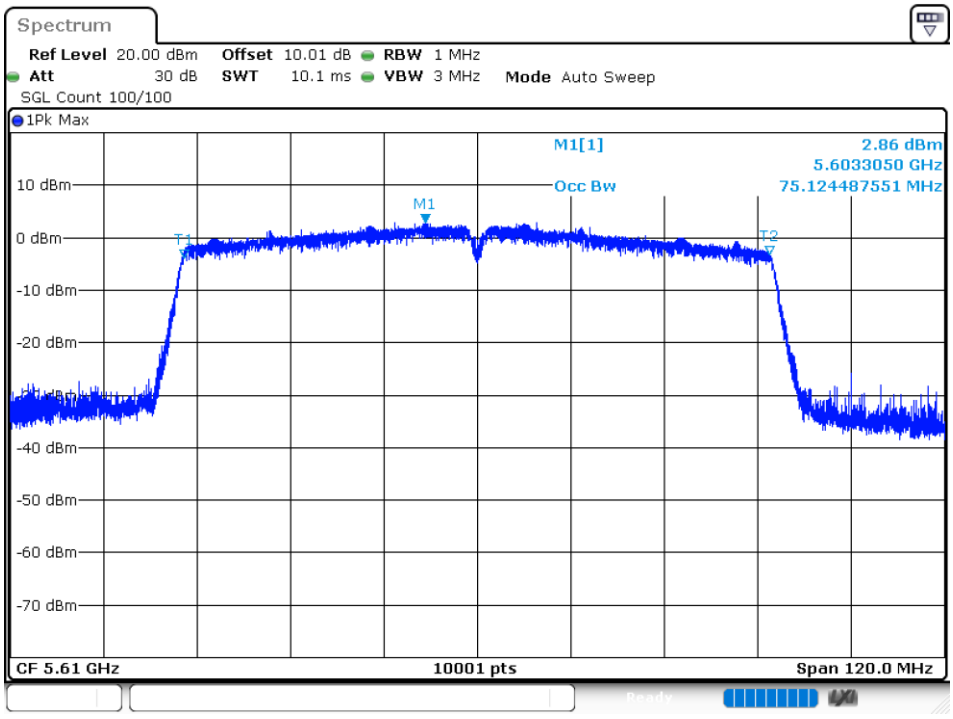
OBW NVNT ac40 5670MHz Ant1



OBW NVNT ac80 5530MHz Ant1



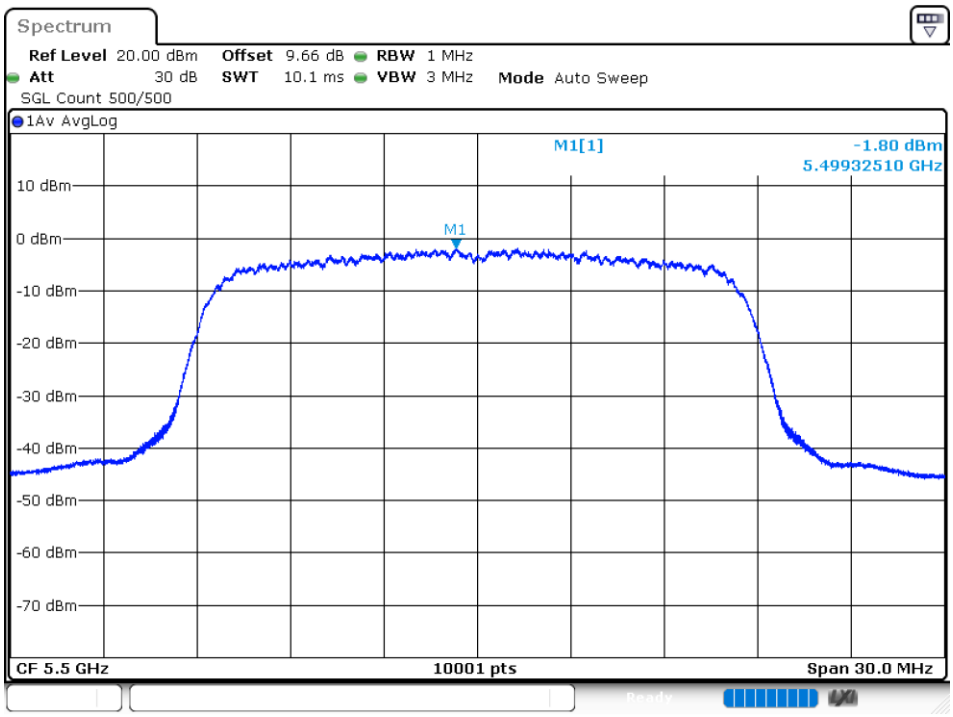
OBW NVNT ac80 5610MHz Ant1



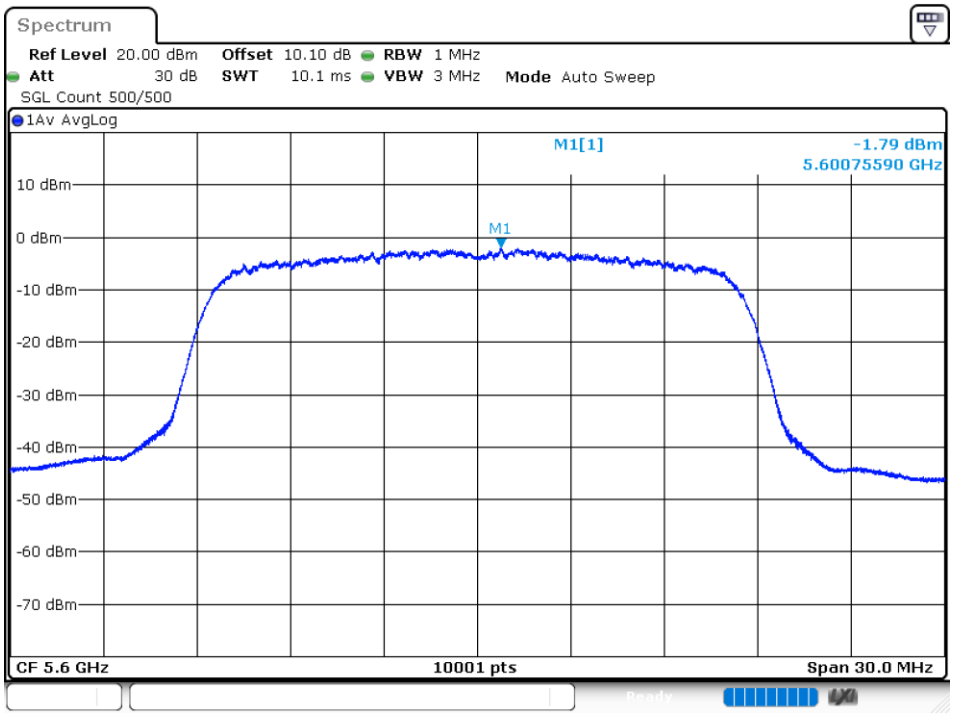
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-1.8	0.11	-1.69	11	Pass
NVNT	a	5600	Ant1	-1.79	0.1	-1.69	11	Pass
NVNT	a	5700	Ant1	-1.32	0.11	-1.21	11	Pass
NVNT	n20	5500	Ant1	-1.73	0.11	-1.62	11	Pass
NVNT	n20	5600	Ant1	-1.53	0.11	-1.42	11	Pass
NVNT	n20	5700	Ant1	-1.41	0.11	-1.3	11	Pass
NVNT	n40	5510	Ant1	-5.5	0.22	-5.28	11	Pass
NVNT	n40	5590	Ant1	-6.14	0.22	-5.92	11	Pass
NVNT	n40	5670	Ant1	-6.78	0.22	-6.56	11	Pass
NVNT	ac20	5500	Ant1	-2.04	0.11	-1.93	11	Pass
NVNT	ac20	5600	Ant1	-1.78	0.11	-1.67	11	Pass
NVNT	ac20	5700	Ant1	-1.7	0.11	-1.59	11	Pass
NVNT	ac40	5510	Ant1	-5.83	0.22	-5.61	11	Pass
NVNT	ac40	5590	Ant1	-5.87	0.22	-5.65	11	Pass
NVNT	ac40	5670	Ant1	-6.88	0.22	-6.66	11	Pass
NVNT	ac80	5530	Ant1	-10.99	0.43	-10.56	11	Pass
NVNT	ac80	5610	Ant1	-11.35	0.42	-10.93	11	Pass

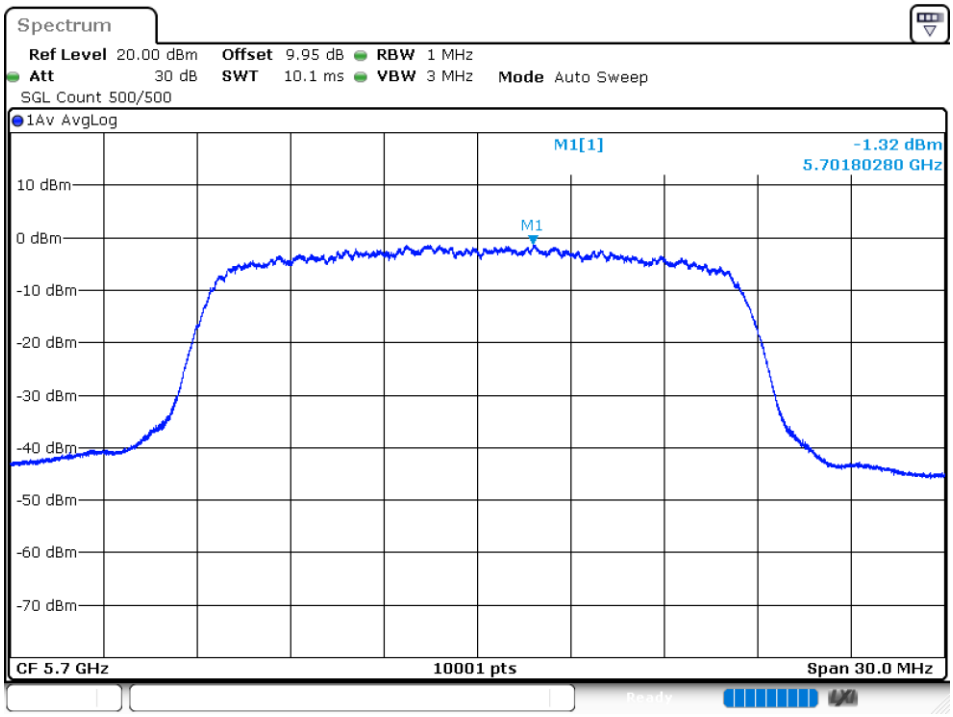
Test Graphs
PSD NVNT a 5500MHz Ant1



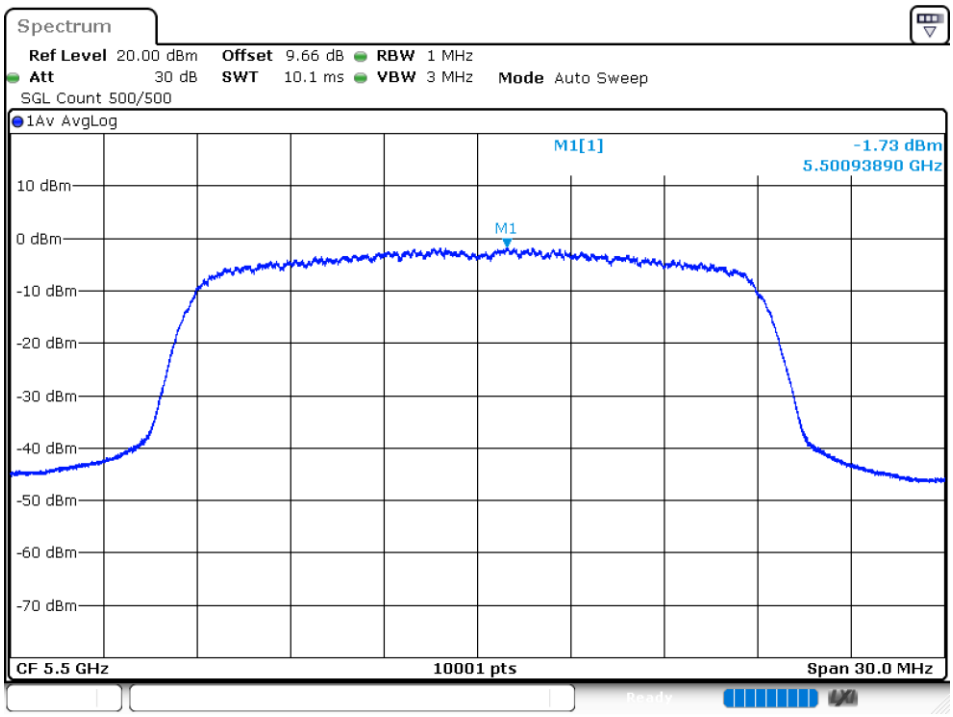
PSD NVNT a 5600MHz Ant1



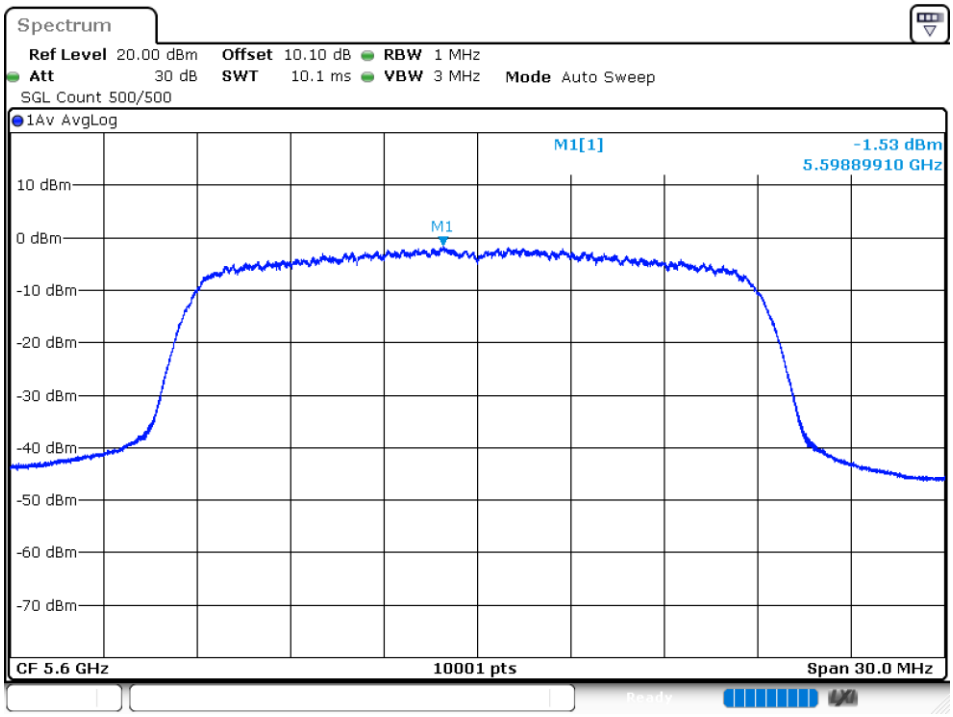
PSD NVNT a 5700MHz Ant1



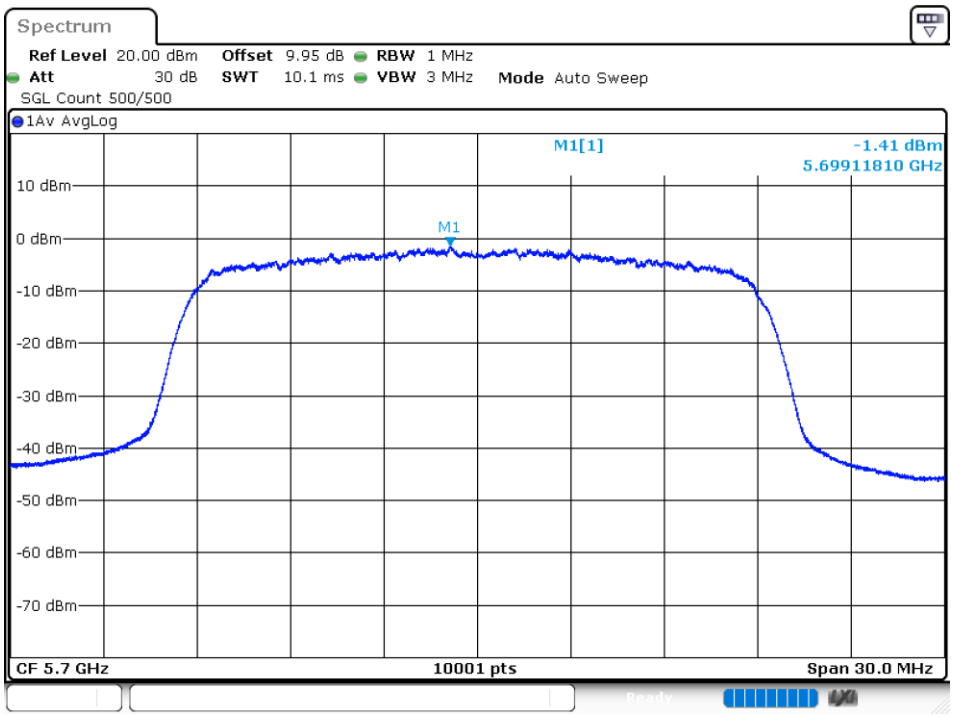
PSD NVNT n20 5500MHz Ant1



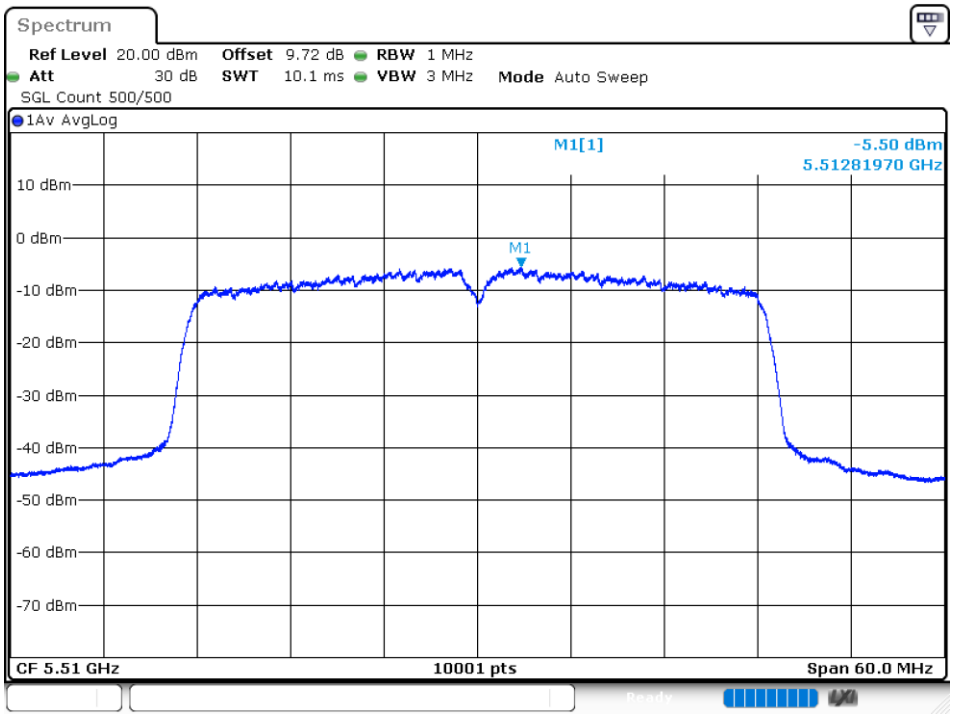
PSD NVNT n20 5600MHz Ant1



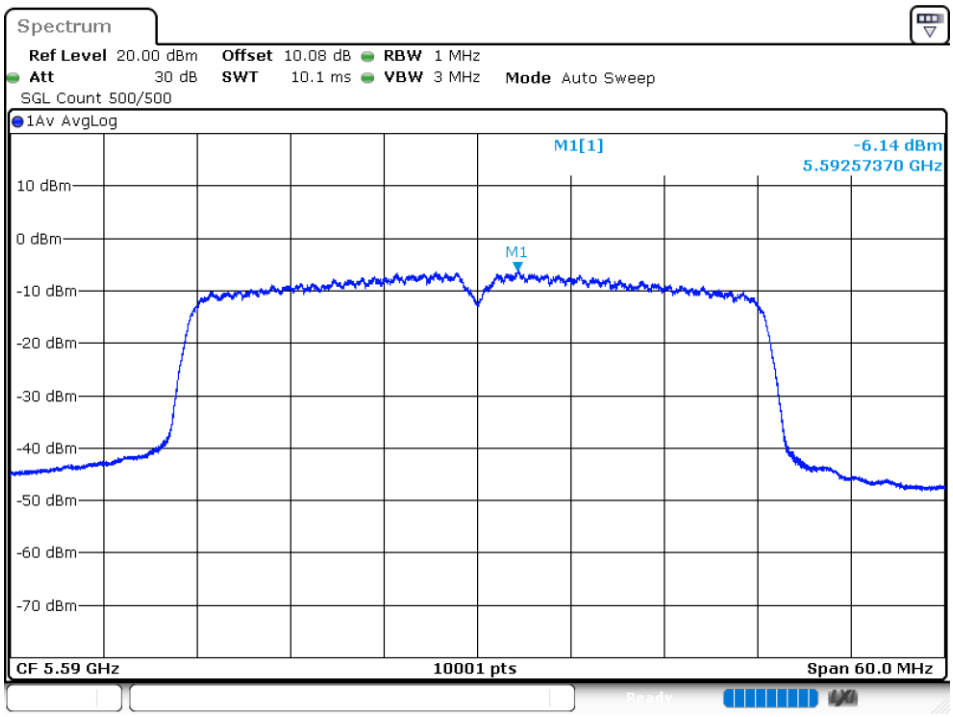
PSD NVNT n20 5700MHz Ant1



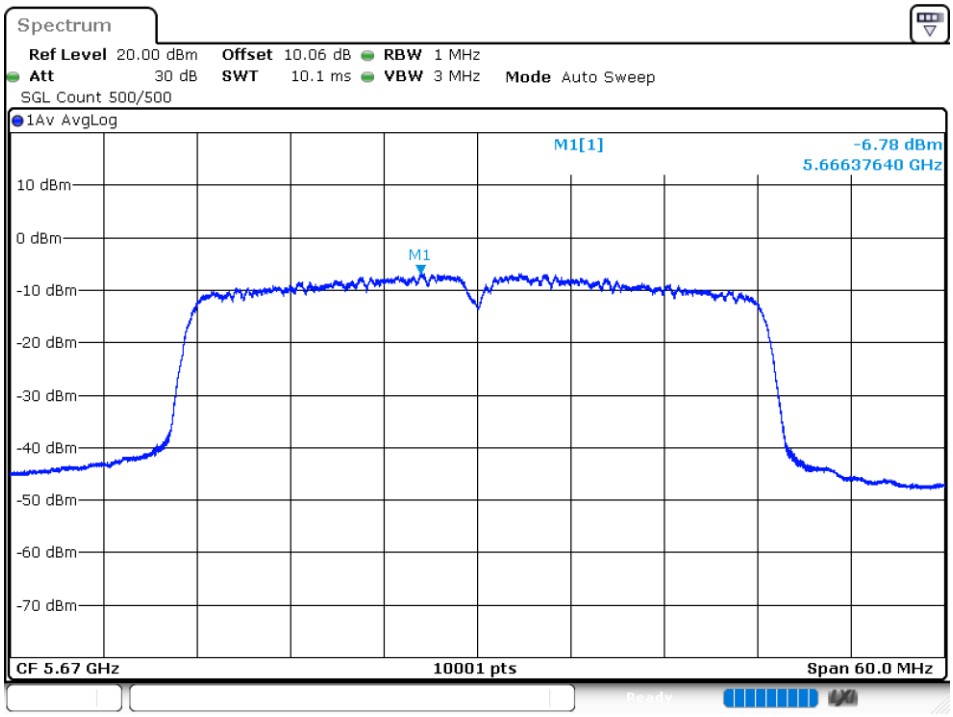
PSD NVNT n40 5510MHz Ant1



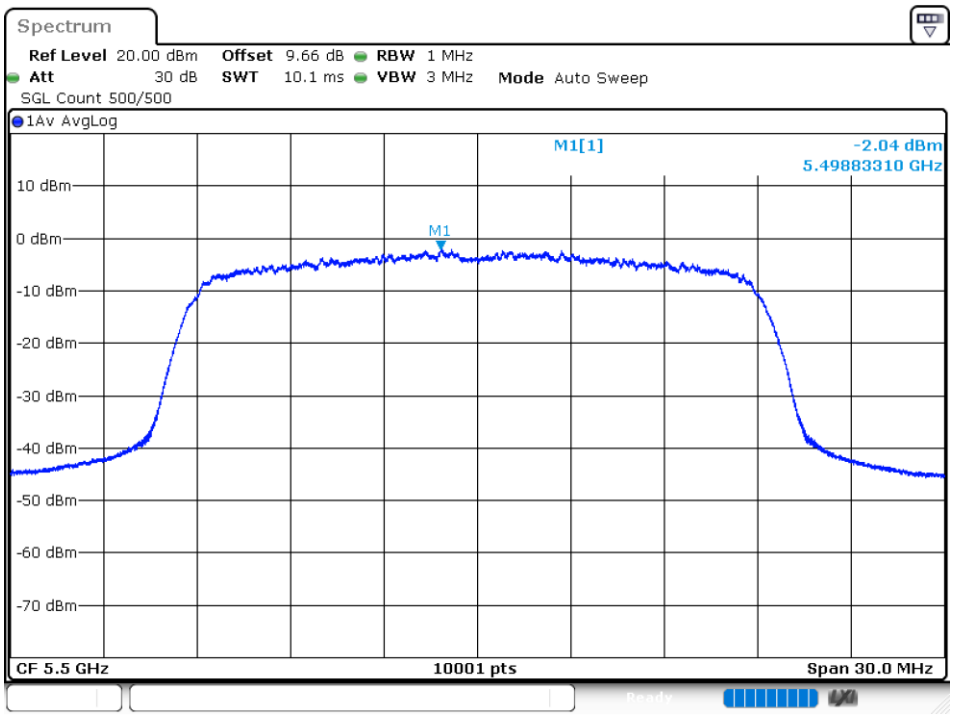
PSD NVNT n40 5590MHz Ant1



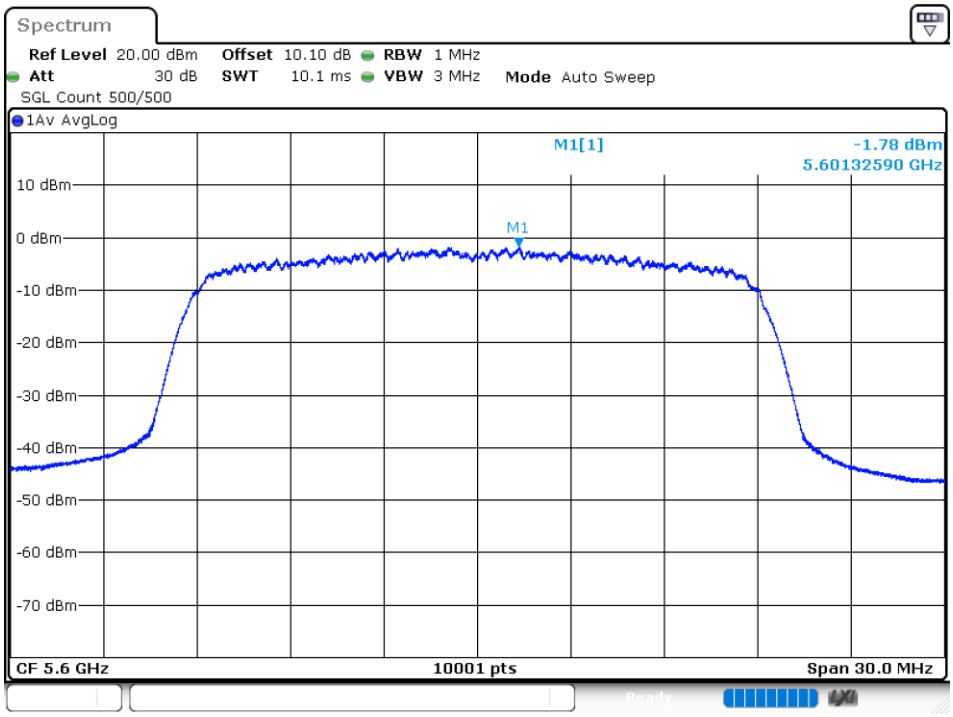
PSD NVNT n40 5670MHz Ant1



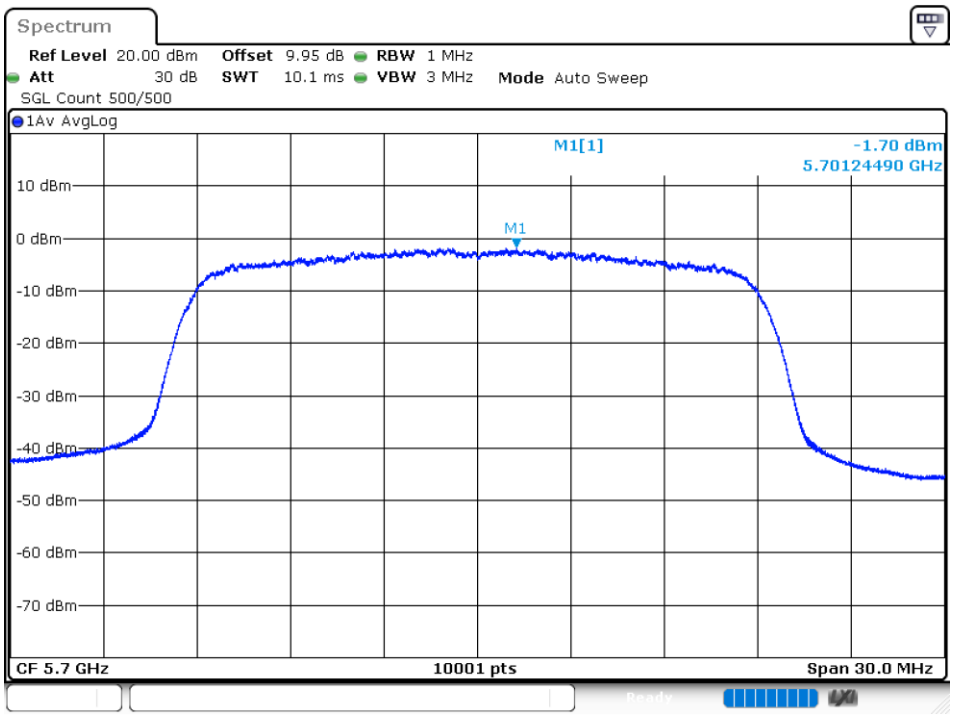
PSD NVNT ac20 5500MHz Ant1



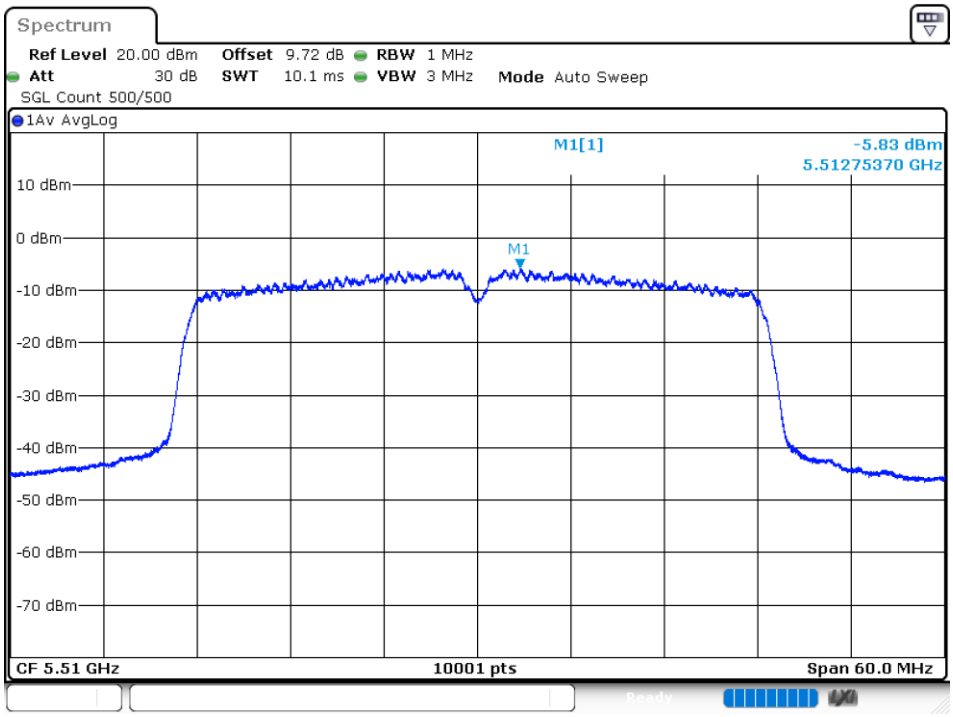
PSD NVNT ac20 5600MHz Ant1



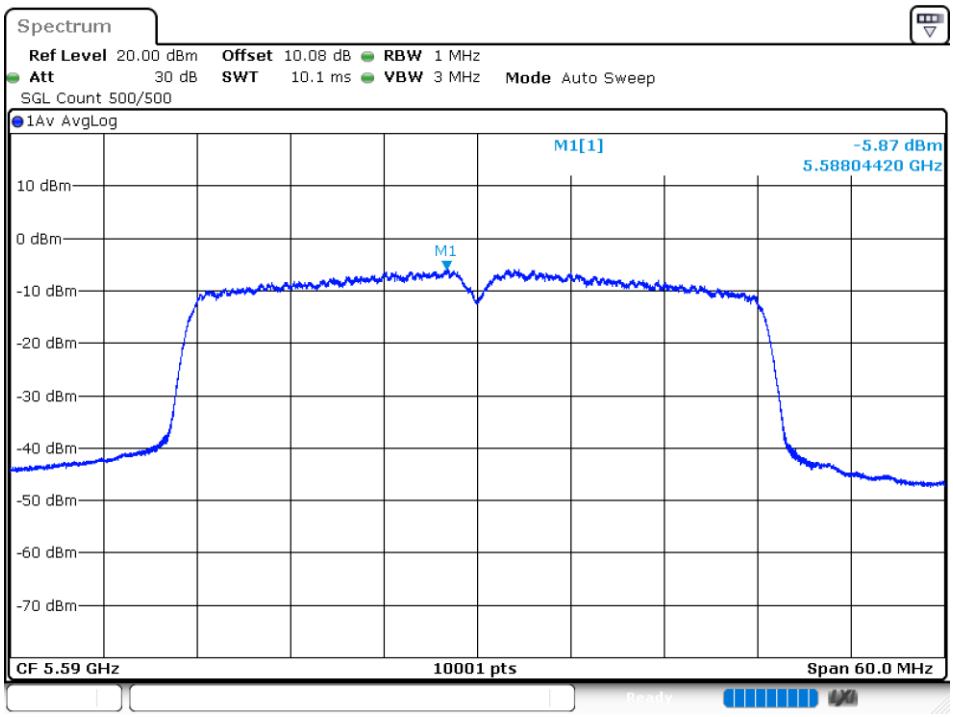
PSD NVNT ac20 5700MHz Ant1



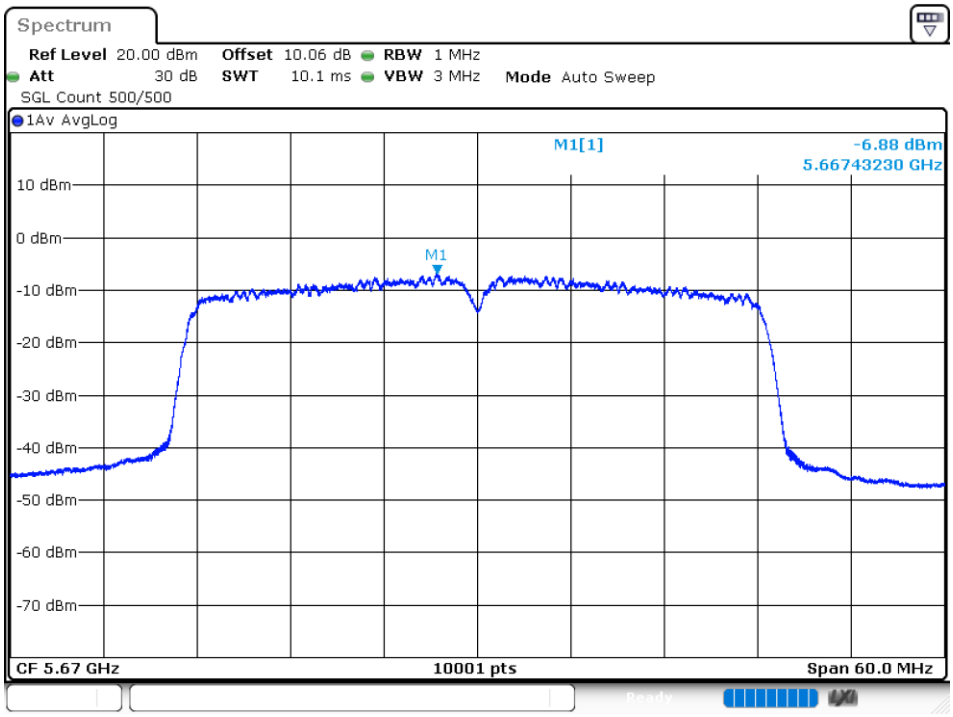
PSD NVNT ac40 5510MHz Ant1



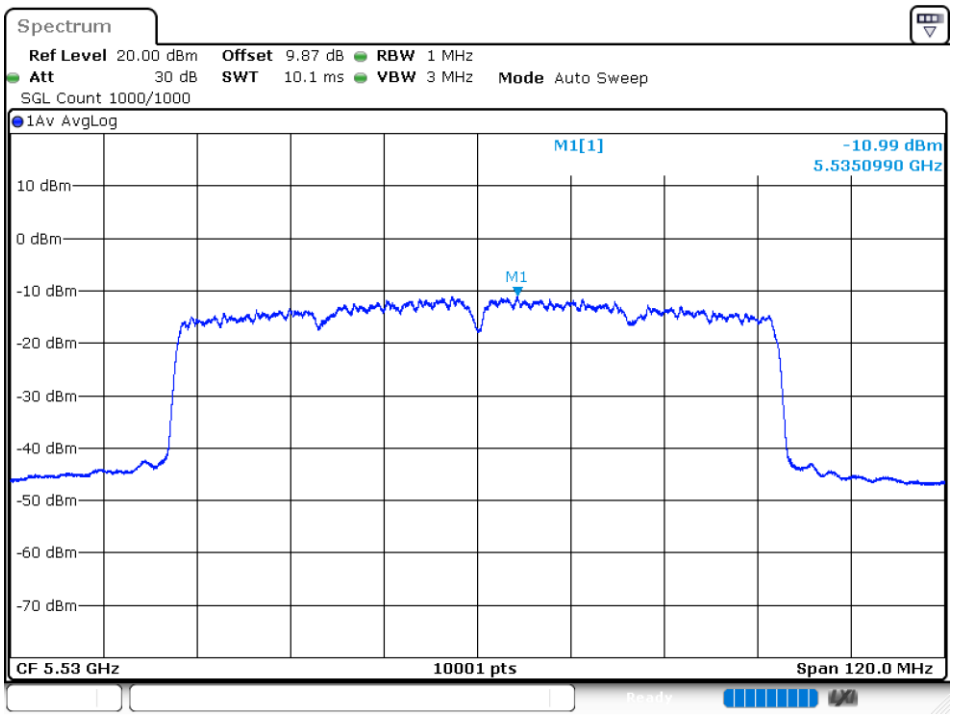
PSD NVNT ac40 5590MHz Ant1



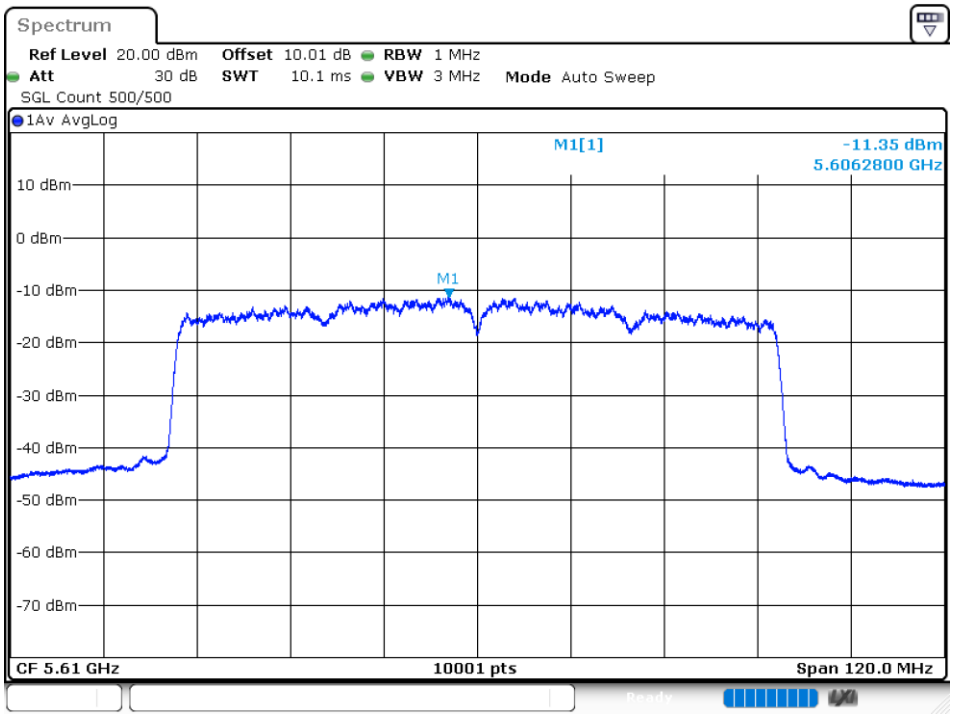
PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5610MHz Ant1

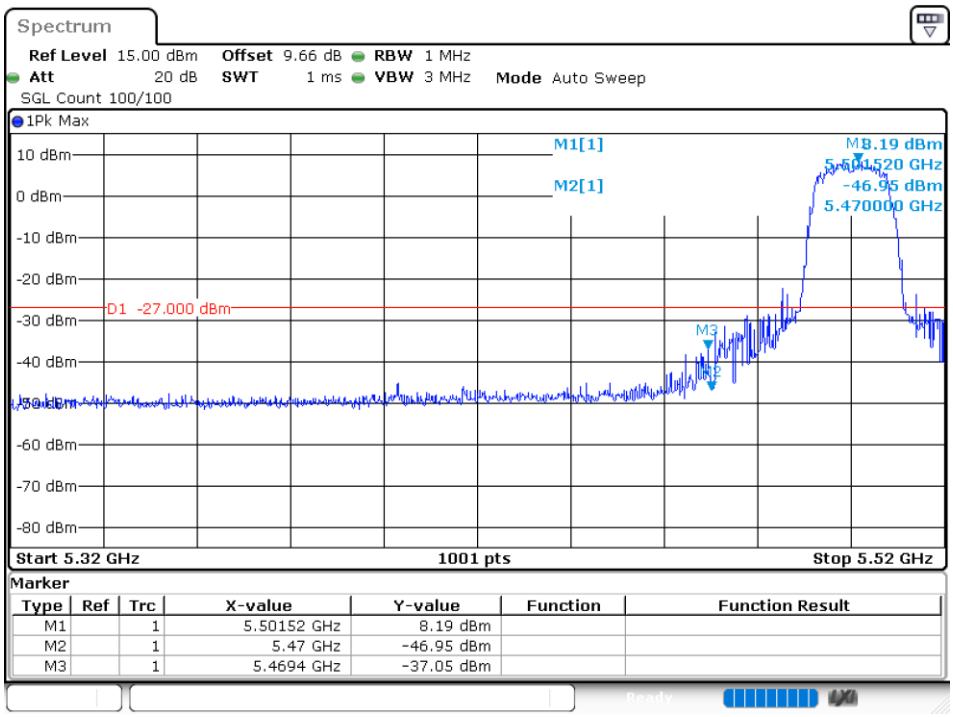


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-37.05	-27	Pass
NVNT	a	5700	Ant1	-32.67	-27	Pass
NVNT	n20	5500	Ant1	-33.39	-27	Pass
NVNT	n20	5700	Ant1	-30.37	-27	Pass
NVNT	n40	5510	Ant1	-32.09	-27	Pass
NVNT	n40	5670	Ant1	-37.75	-27	Pass
NVNT	ac20	5500	Ant1	-39.43	-27	Pass
NVNT	ac20	5700	Ant1	-31.77	-27	Pass
NVNT	ac40	5510	Ant1	-28.78	-27	Pass
NVNT	ac40	5670	Ant1	-39.39	-27	Pass
NVNT	ac80	5530	Ant1	-27.11	-27	Pass
NVNT	ac80	5610	Ant1	-41.29	-27	Pass

Test Graphs

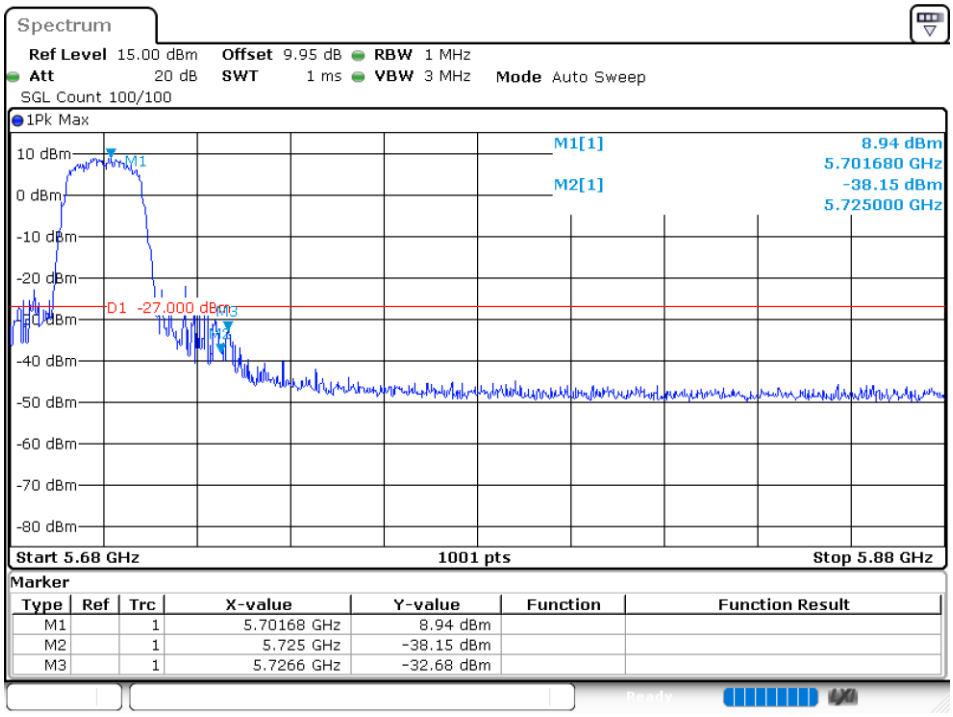
Band Edge NVNT a 5500MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.50152 GHz	8.19 dBm		
M2		1	5.47 GHz	-46.95 dBm		
M3		1	5.4694 GHz	-37.05 dBm		

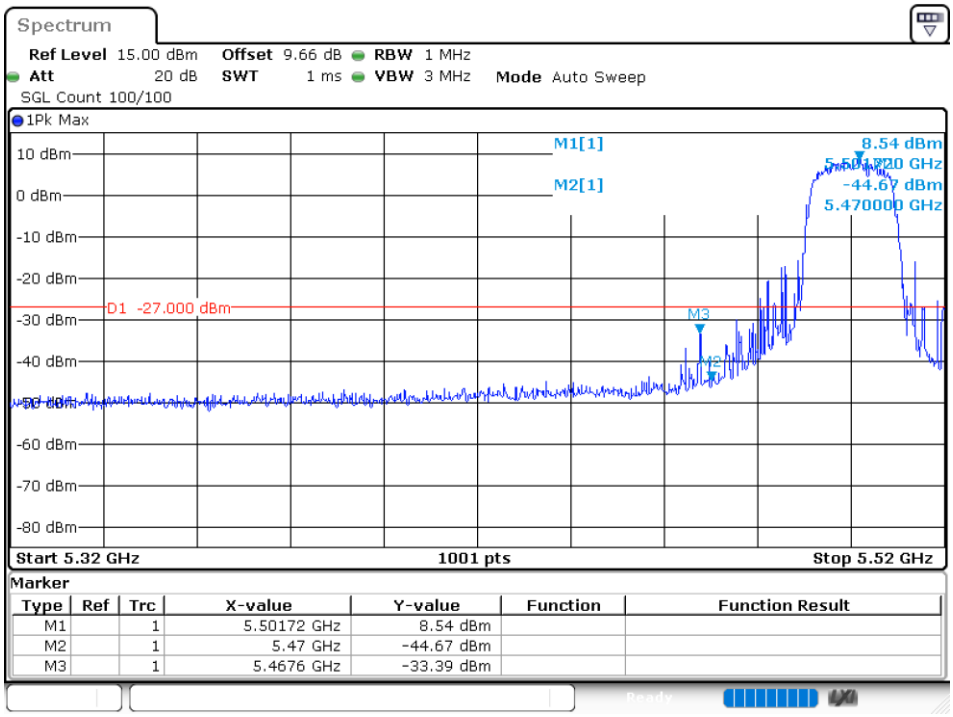
Band Edge NVNT a 5700MHz High Ant1



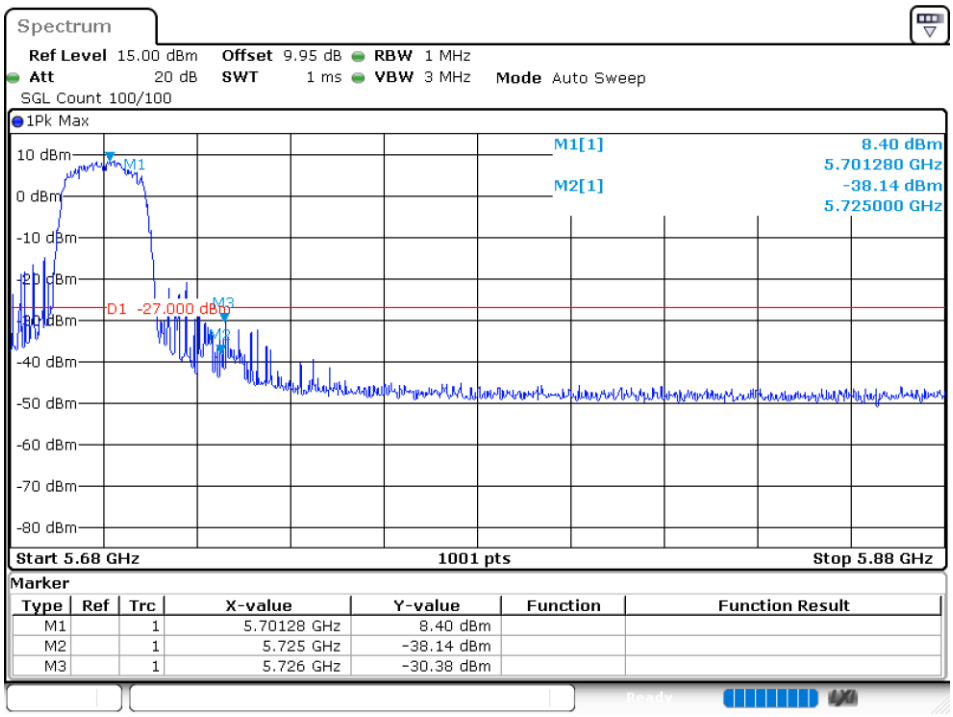
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.70168 GHz	8.94 dBm		
M2		1	5.725 GHz	-38.15 dBm		
M3		1	5.7266 GHz	-32.68 dBm		

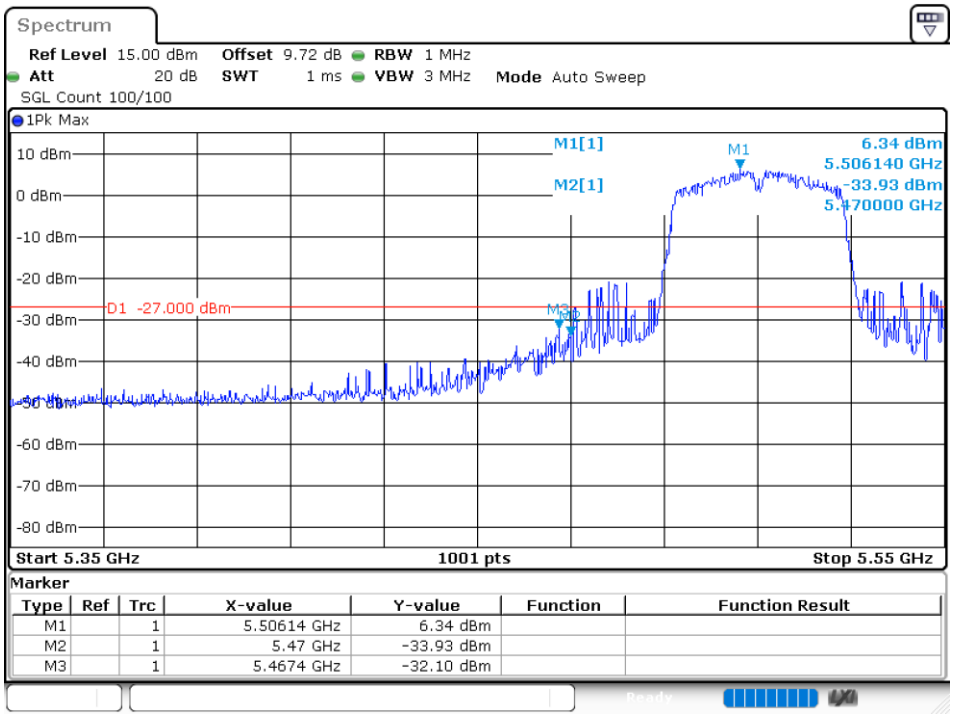
Band Edge NVNT n20 5500MHz Low Ant1



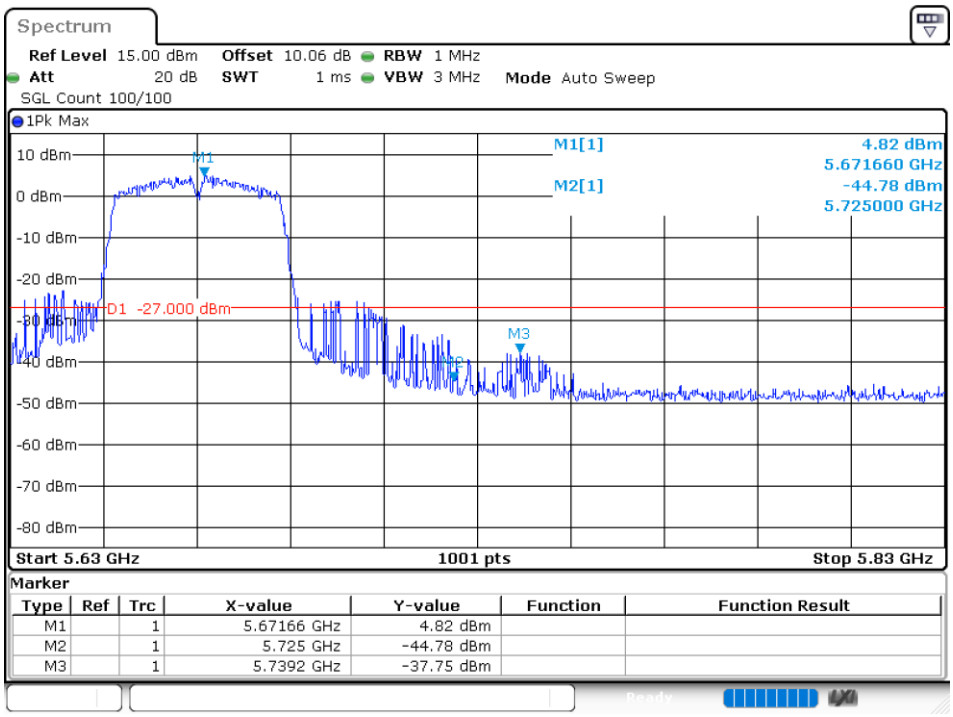
Band Edge NVNT n20 5700MHz High Ant1



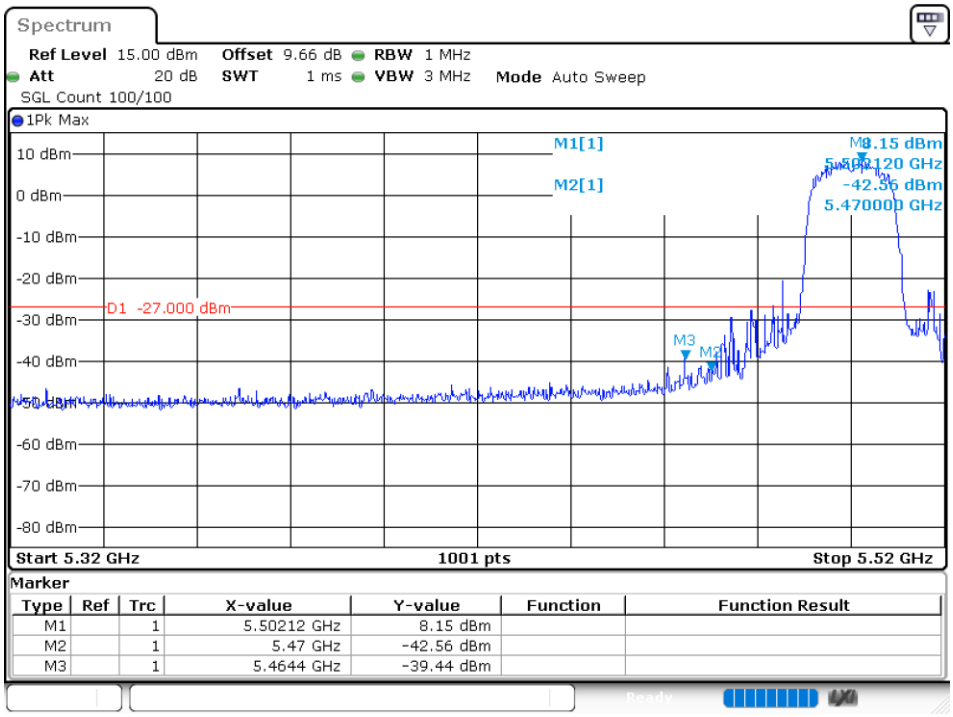
Band Edge NVNT n40 5510MHz Low Ant1



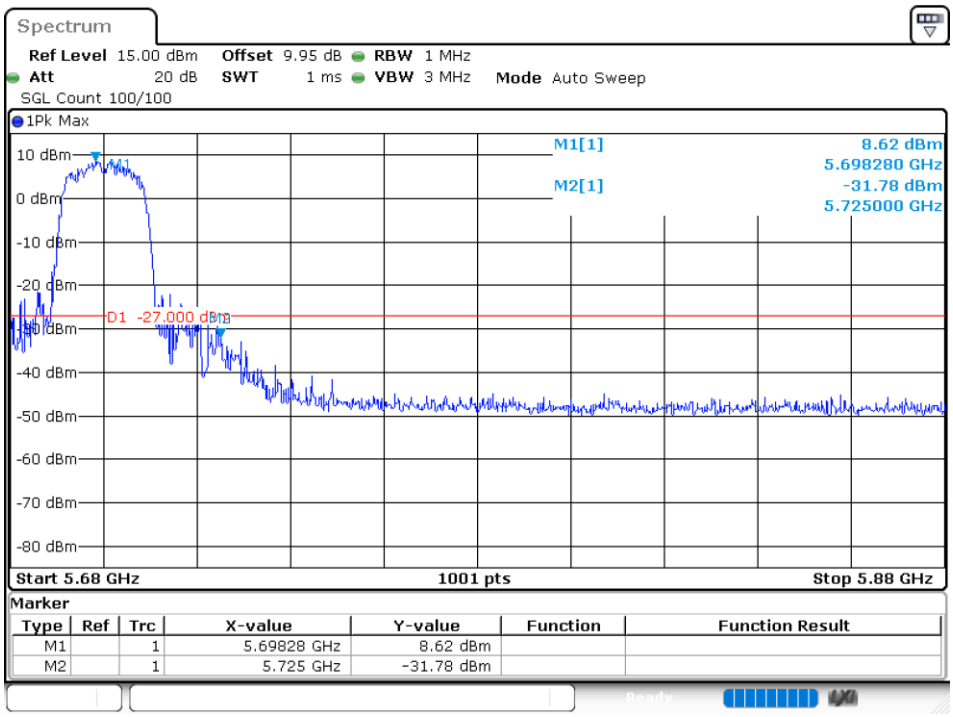
Band Edge NVNT n40 5670MHz High Ant1



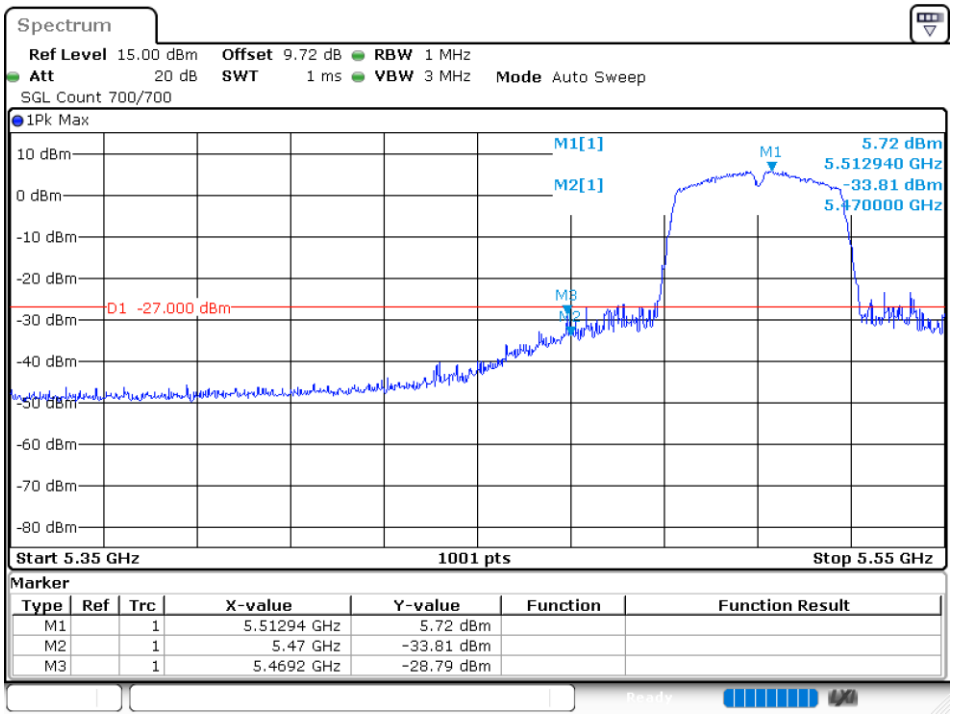
Band Edge NVNT ac20 5500MHz Low Ant1



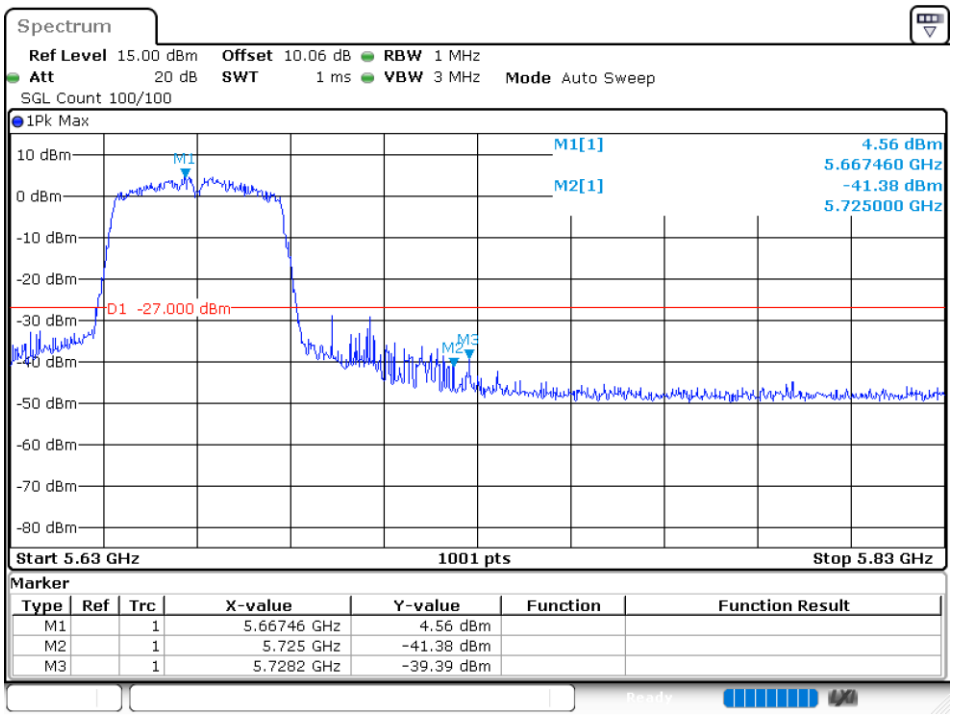
Band Edge NVNT ac20 5700MHz High Ant1



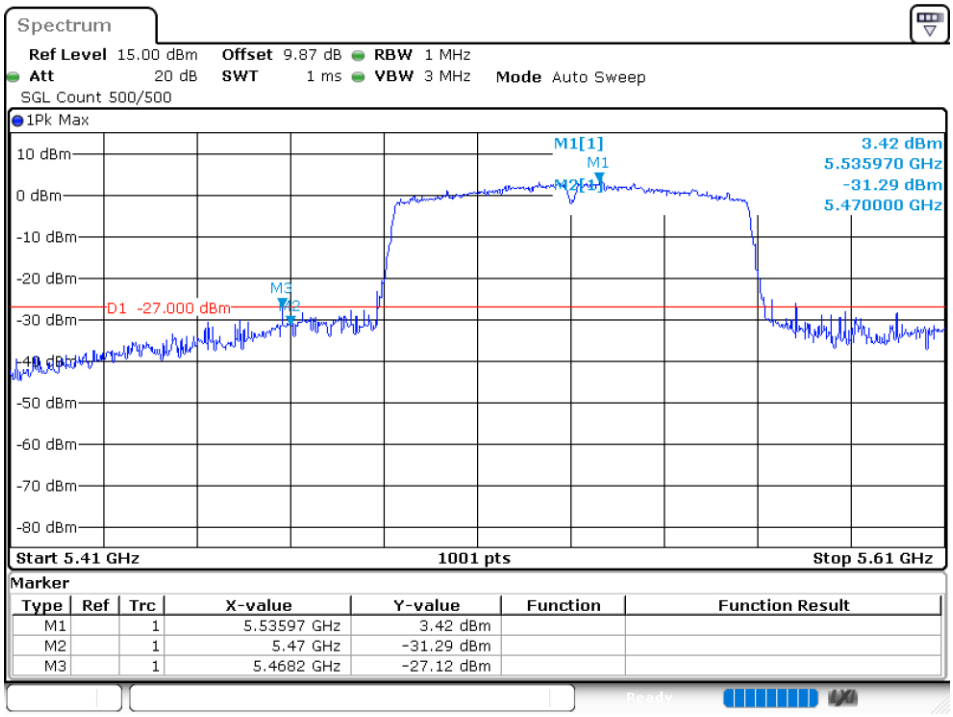
Band Edge NVNT ac40 5510MHz Low Ant1



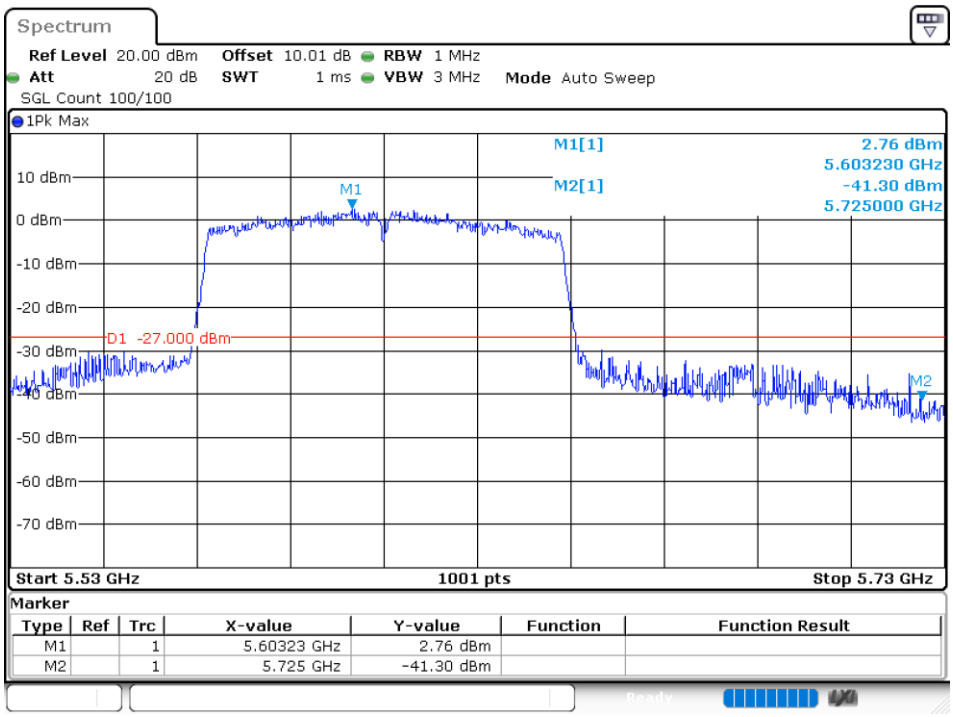
Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant1



Band Edge NVNT ac80 5610MHz High Ant1

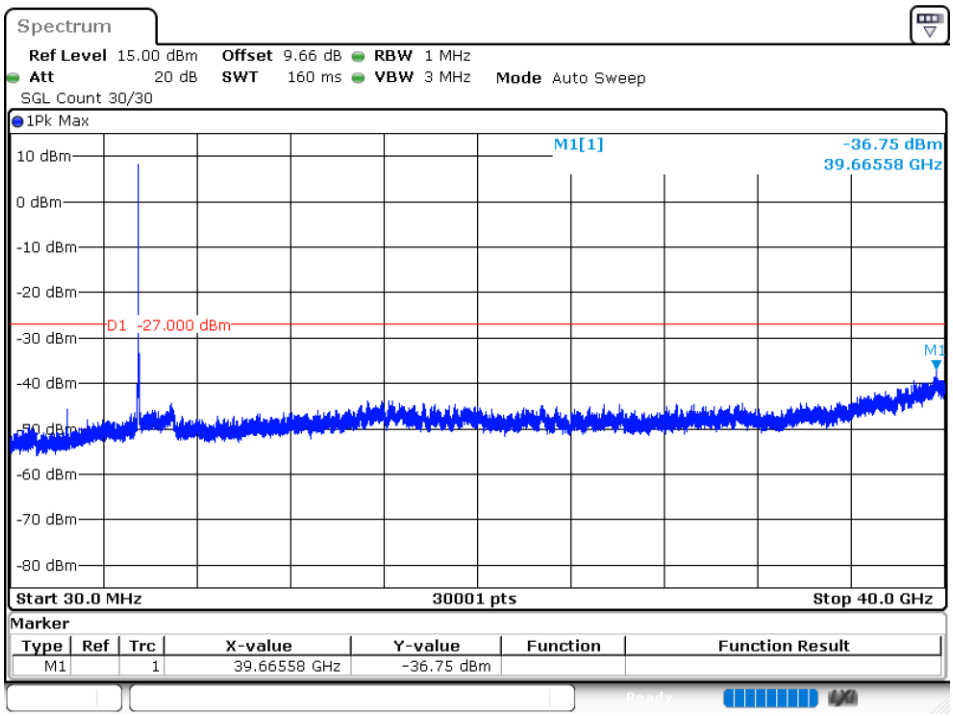
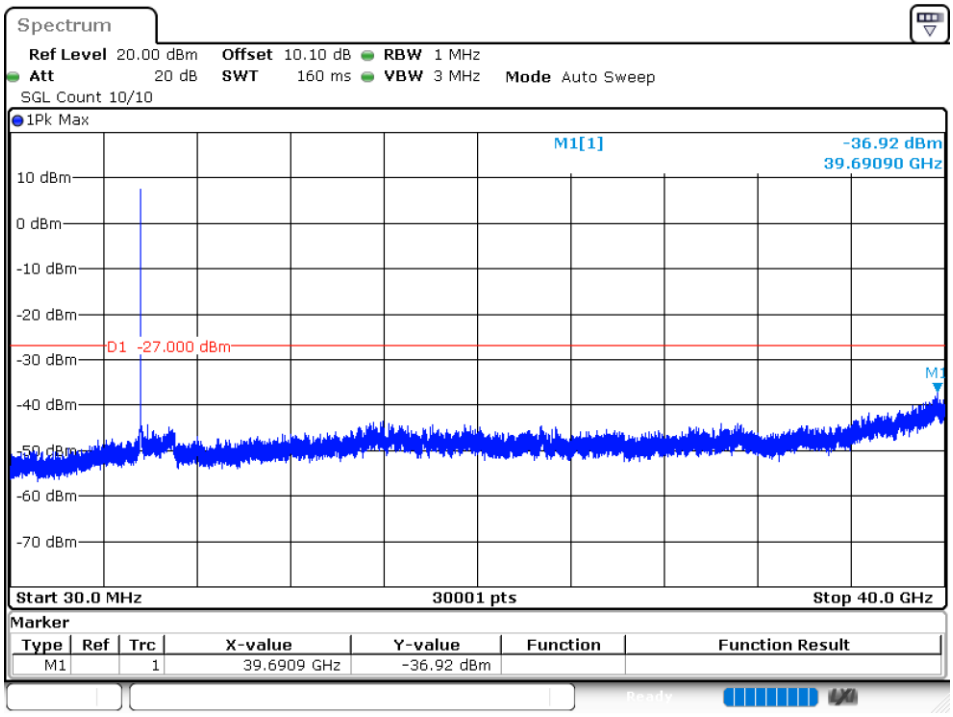


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-36.74	-27	Pass
NVNT	a	5600	Ant1	-36.91	-27	Pass
NVNT	a	5700	Ant1	-37.91	-27	Pass
NVNT	n20	5500	Ant1	-37.64	-27	Pass
NVNT	n20	5600	Ant1	-37.82	-27	Pass
NVNT	n20	5700	Ant1	-36.84	-27	Pass
NVNT	n40	5510	Ant1	-38.23	-27	Pass
NVNT	n40	5590	Ant1	-37.4	-27	Pass
NVNT	n40	5670	Ant1	-38.11	-27	Pass
NVNT	ac20	5500	Ant1	-38.2	-27	Pass
NVNT	ac20	5600	Ant1	-38.53	-27	Pass
NVNT	ac20	5700	Ant1	-37.86	-27	Pass
NVNT	ac40	5510	Ant1	-32.89	-27	Pass
NVNT	ac40	5590	Ant1	-37.51	-27	Pass
NVNT	ac40	5670	Ant1	-37.69	-27	Pass
NVNT	ac80	5530	Ant1	-38.41	-27	Pass
NVNT	ac80	5610	Ant1	-38.31	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5500MHz Ant1 Emission



Tx. Spurious NVNT a 5600MHz Ant1 Emission