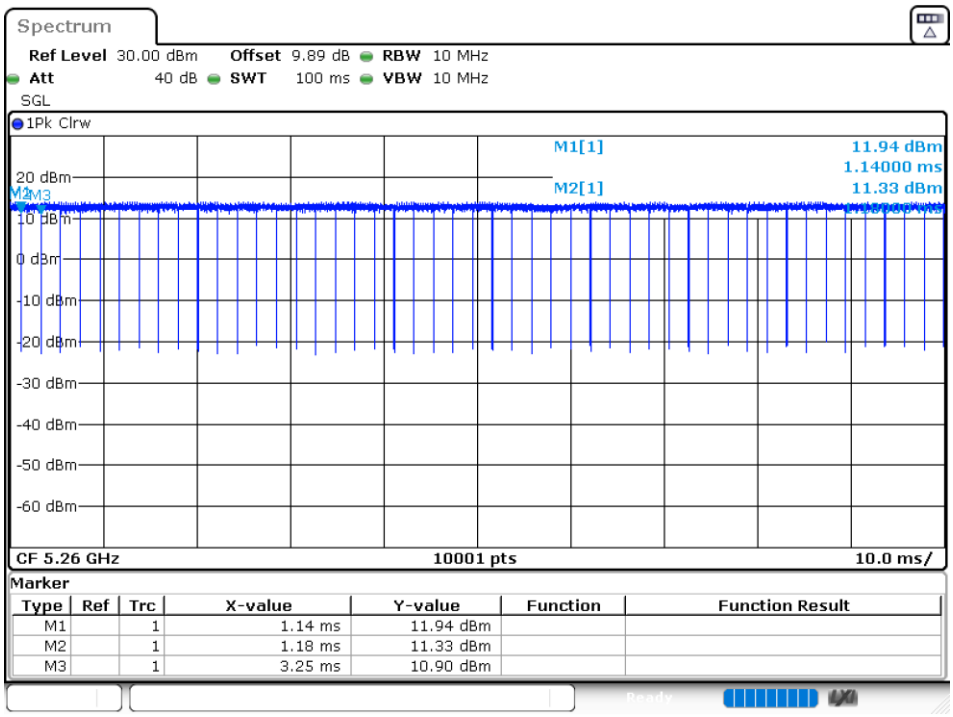
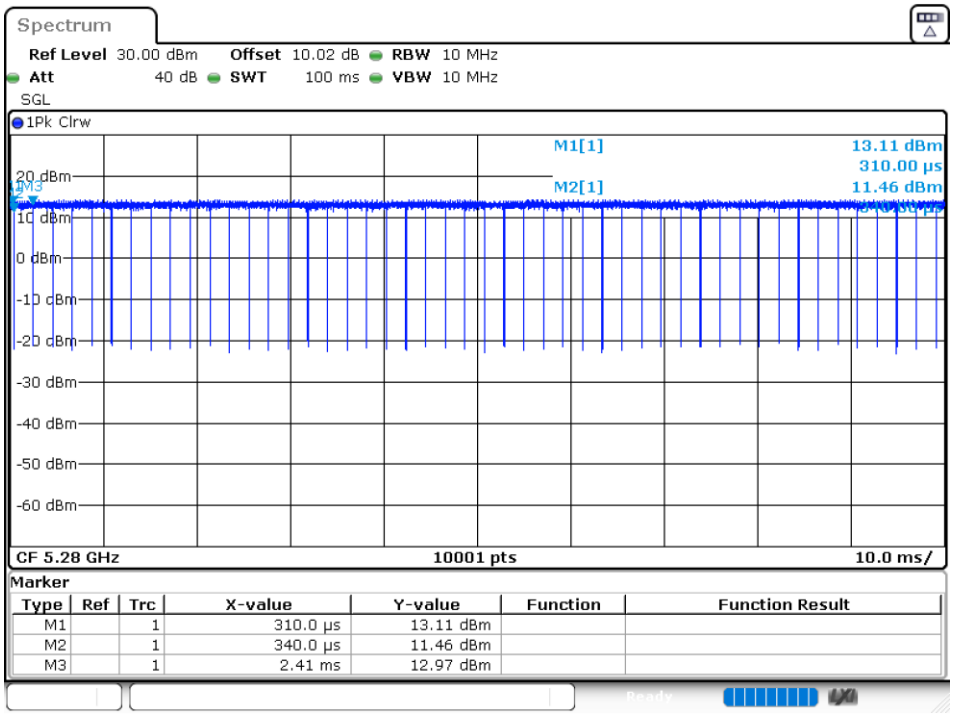
Test Graphs

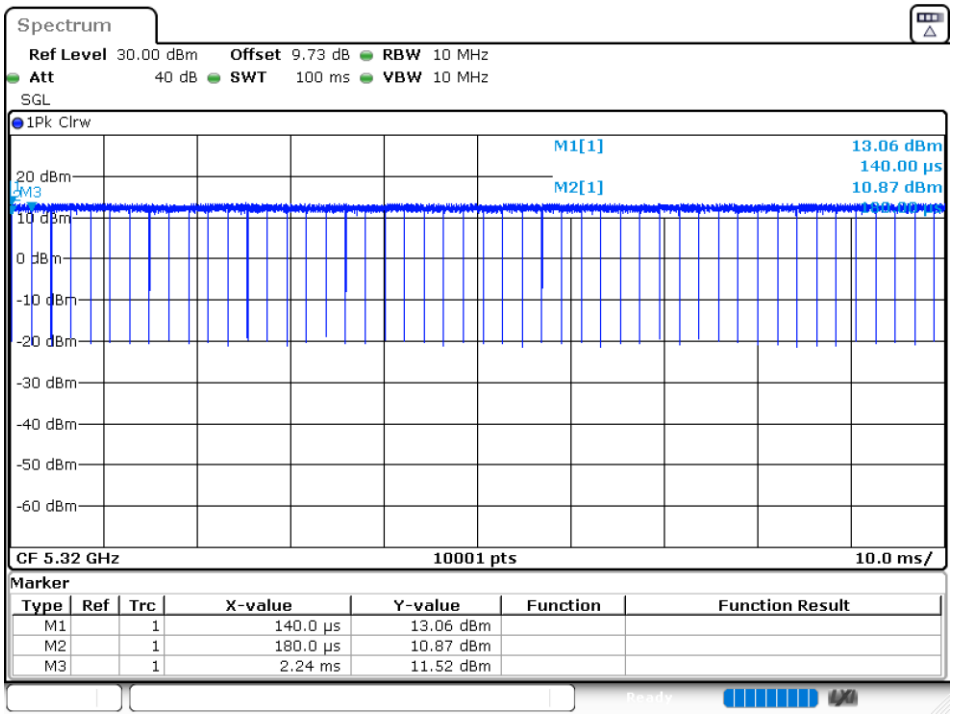
Duty Cycle NVNT a 5260MHz Ant1



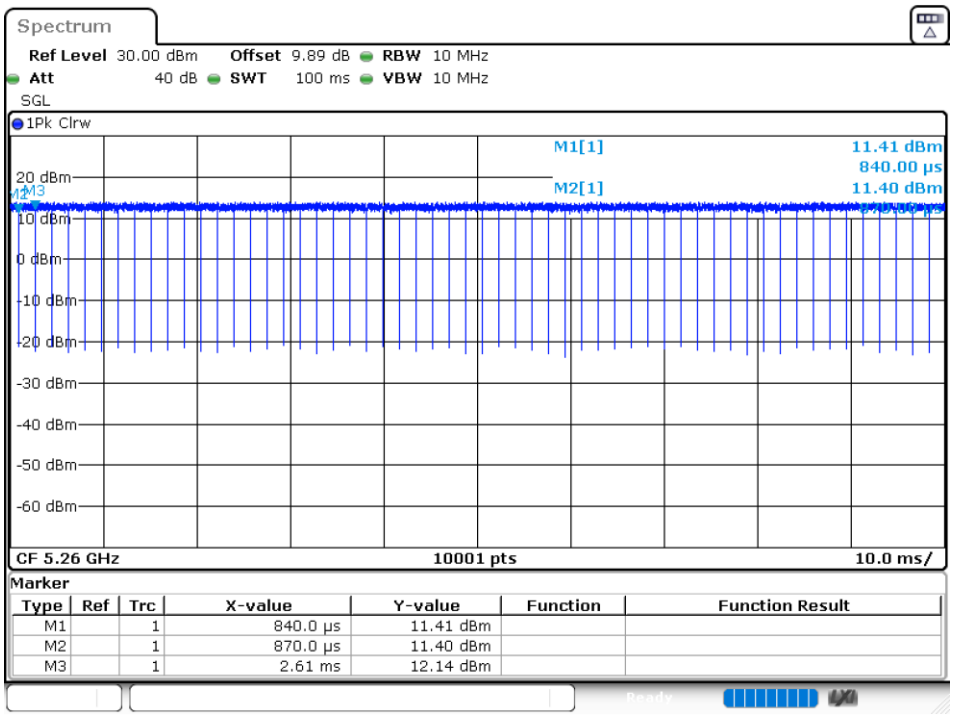
Duty Cycle NVNT a 5280MHz Ant1



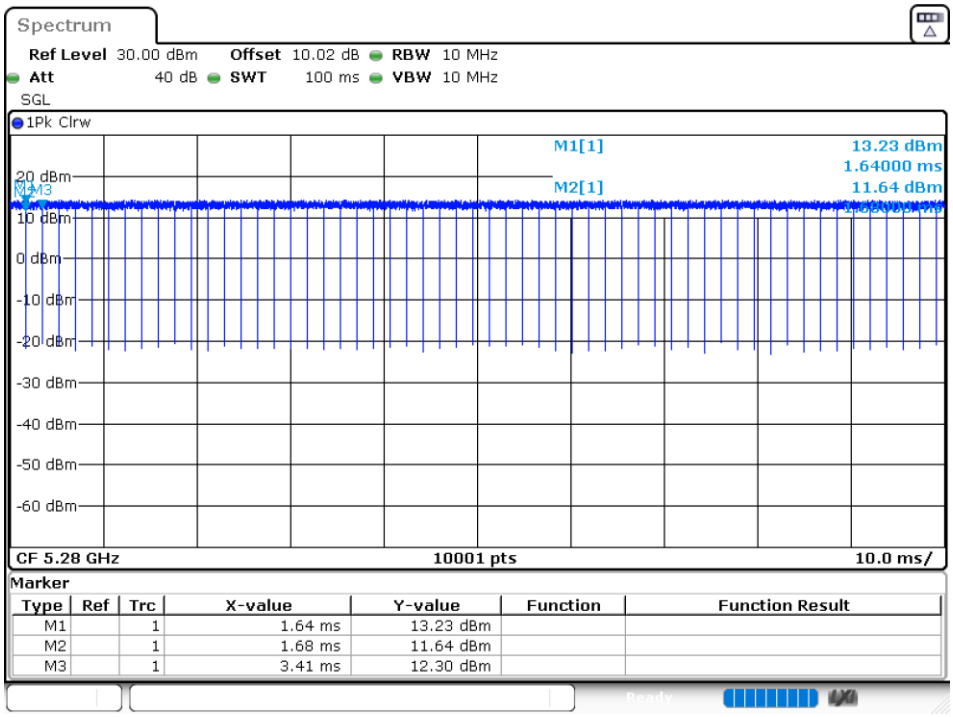
Duty Cycle NVNT a 5320MHz Ant1



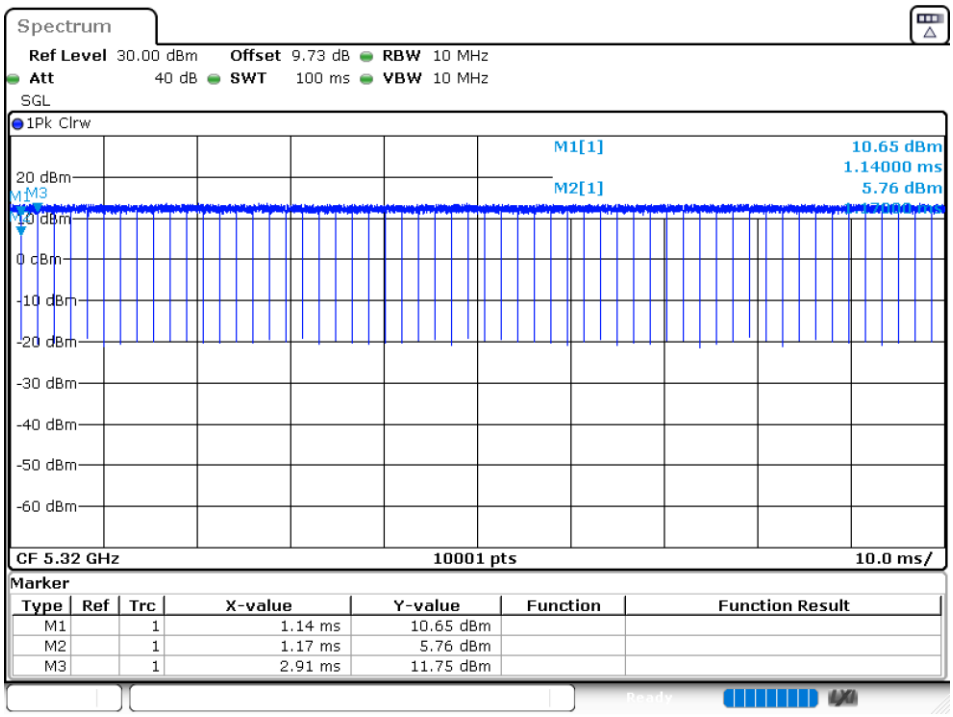
Duty Cycle NVNT n20 5260MHz Ant1



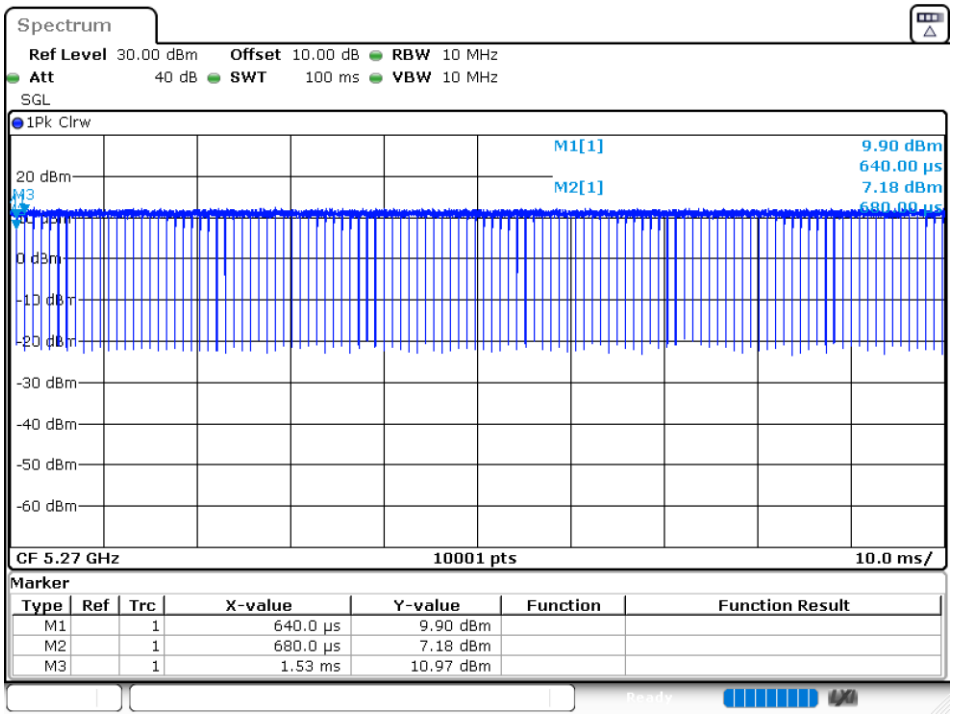
Duty Cycle NVNT n20 5280MHz Ant1



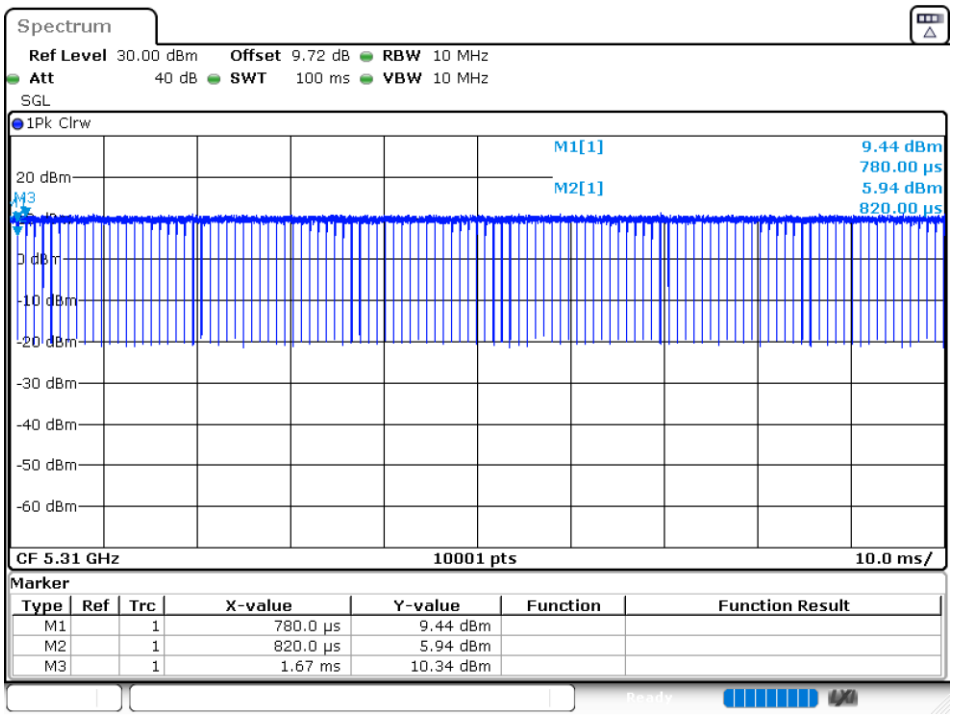
Duty Cycle NVNT n20 5320MHz Ant1



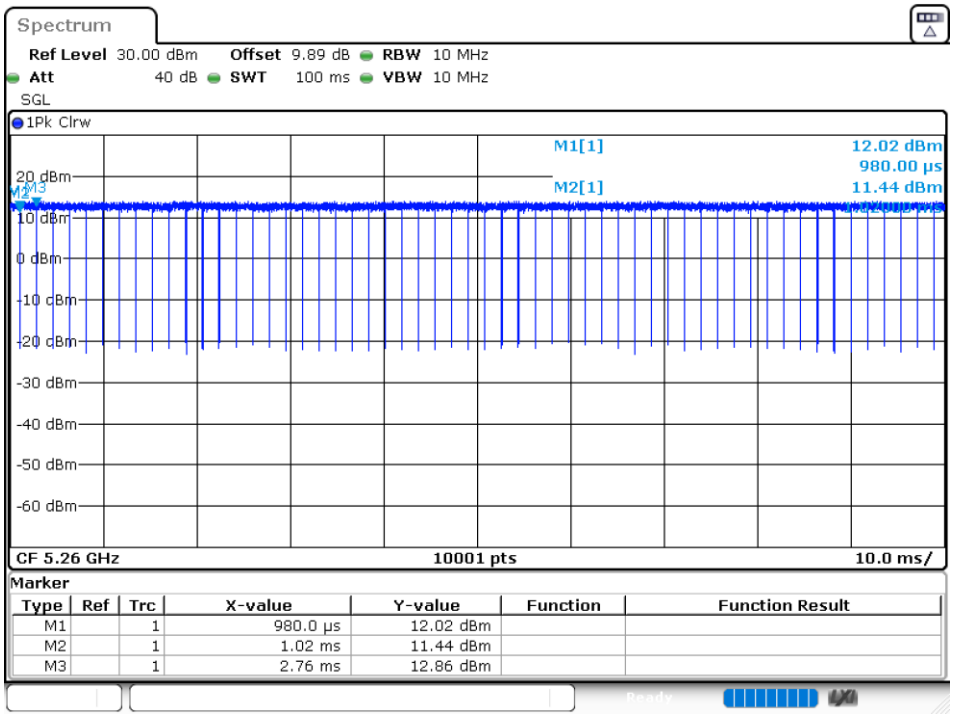
Duty Cycle NVNT n40 5270MHz Ant1



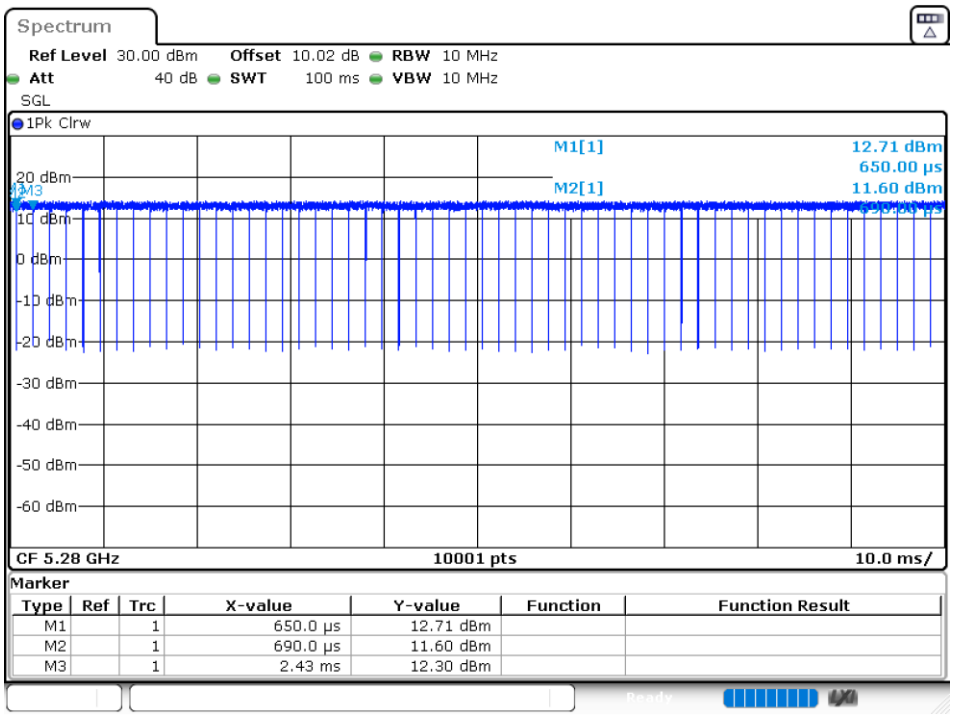
Duty Cycle NVNT n40 5310MHz Ant1



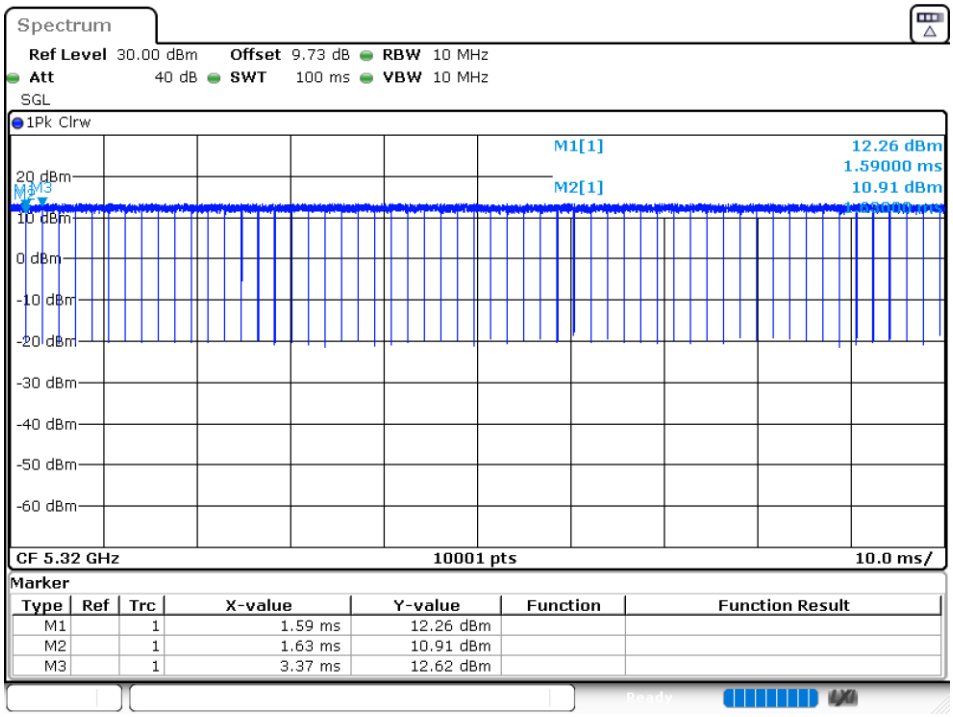
Duty Cycle NVNT ac20 5260MHz Ant1



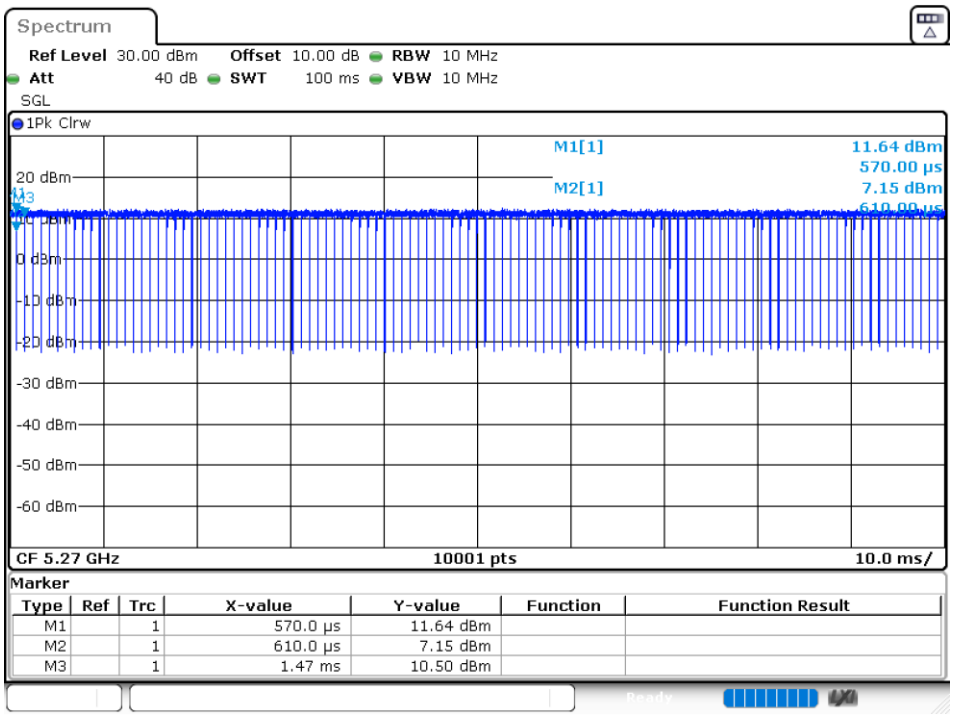
Duty Cycle NVNT ac20 5280MHz Ant1



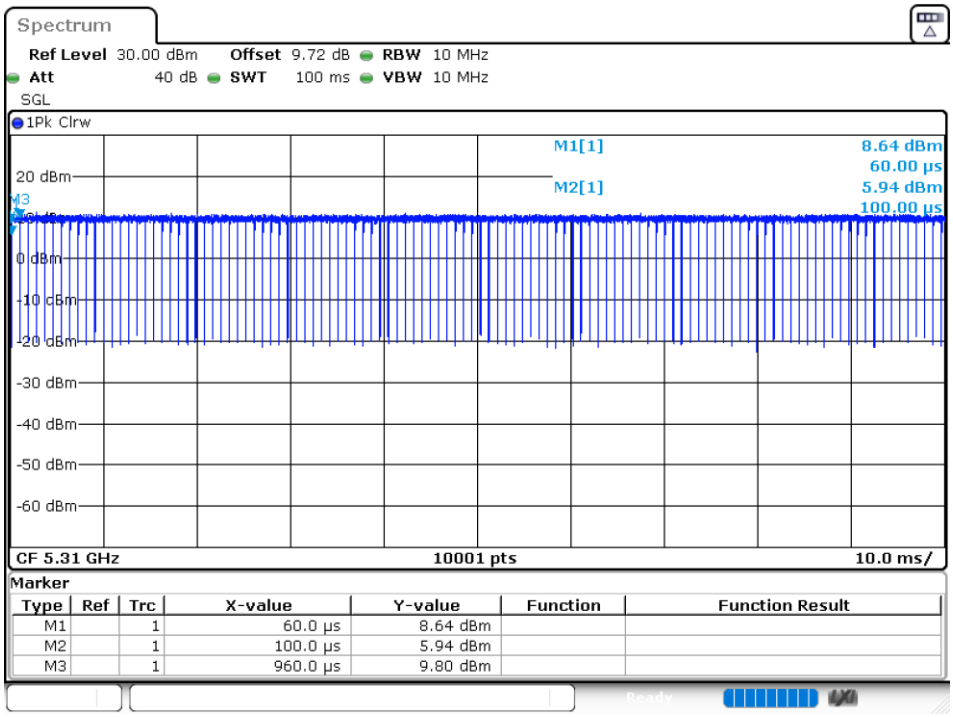
Duty Cycle NVNT ac20 5320MHz Ant1



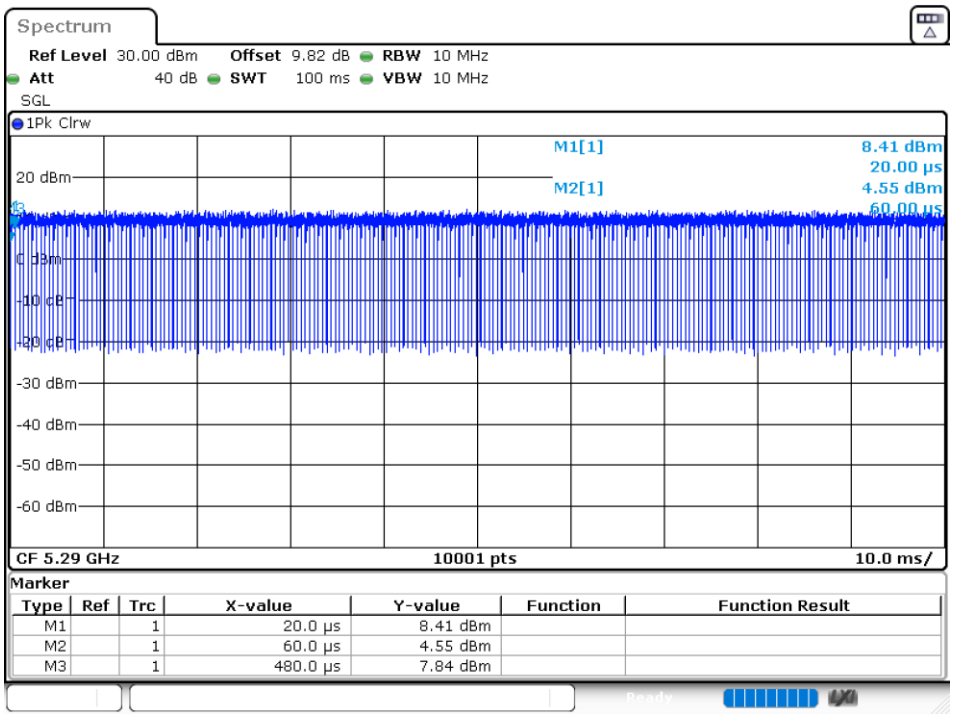
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

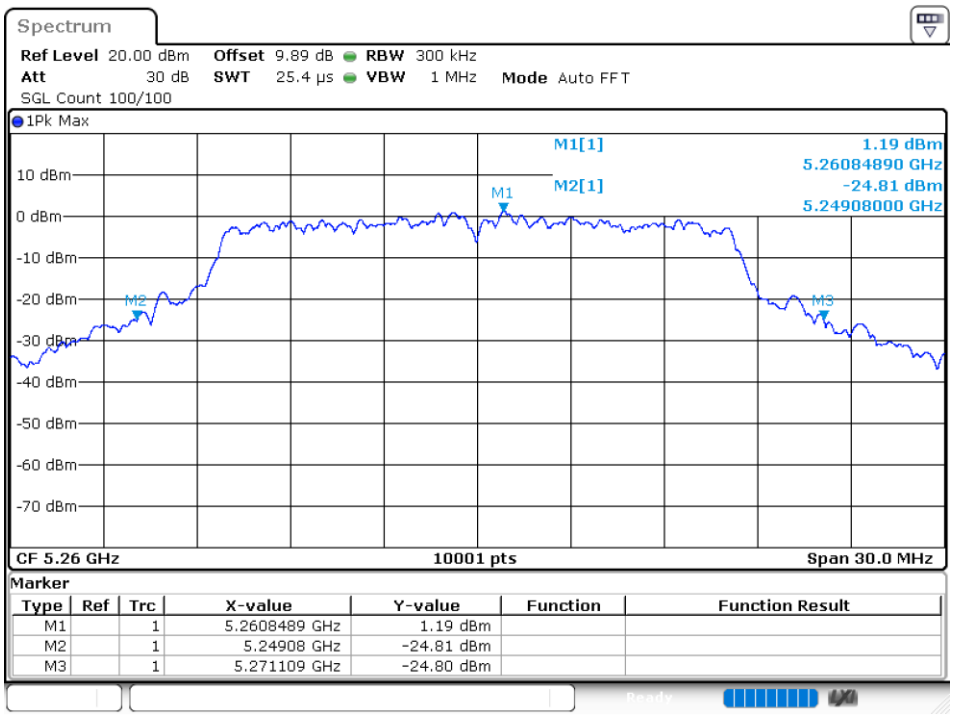
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	9.25	0.06	9.31	24	Pass
NVNT	a	5280	Ant1	9.01	0.06	9.07	24	Pass
NVNT	a	5320	Ant1	9.6	0.06	9.66	24	Pass
NVNT	n20	5260	Ant1	9.2	0.06	9.26	24	Pass
NVNT	n20	5280	Ant1	8.88	0.07	8.95	24	Pass
NVNT	n20	5320	Ant1	9.54	0.07	9.61	24	Pass
NVNT	n40	5270	Ant1	9.43	0.13	9.56	24	Pass
NVNT	n40	5310	Ant1	9.73	0.13	9.86	24	Pass
NVNT	ac20	5260	Ant1	9.24	0.06	9.3	24	Pass
NVNT	ac20	5280	Ant1	8.98	0.07	9.05	24	Pass
NVNT	ac20	5320	Ant1	9.58	0.06	9.64	24	Pass
NVNT	ac40	5270	Ant1	9.43	0.13	9.56	24	Pass
NVNT	ac40	5310	Ant1	9.75	0.13	9.88	24	Pass
NVNT	ac80	5290	Ant1	9.58	0.25	9.83	24	Pass

-26dB Bandwidth

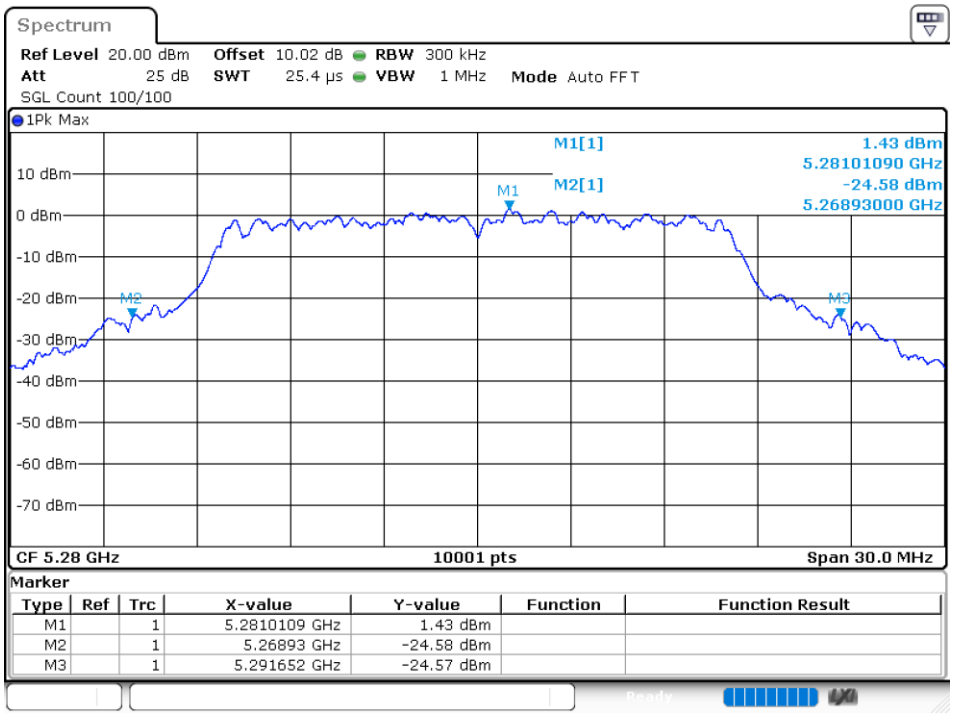
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	22.029	Pass
NVNT	a	5280	Ant1	22.722	Pass
NVNT	a	5320	Ant1	23.4	Pass
NVNT	n20	5260	Ant1	22.764	Pass
NVNT	n20	5280	Ant1	22.176	Pass
NVNT	n20	5320	Ant1	23.742	Pass
NVNT	n40	5270	Ant1	41.202	Pass
NVNT	n40	5310	Ant1	40.872	Pass
NVNT	ac20	5260	Ant1	22.953	Pass
NVNT	ac20	5280	Ant1	22.17	Pass
NVNT	ac20	5320	Ant1	23.772	Pass
NVNT	ac40	5270	Ant1	41.478	Pass
NVNT	ac40	5310	Ant1	41.028	Pass
NVNT	ac80	5290	Ant1	82.968	Pass

Test Graphs

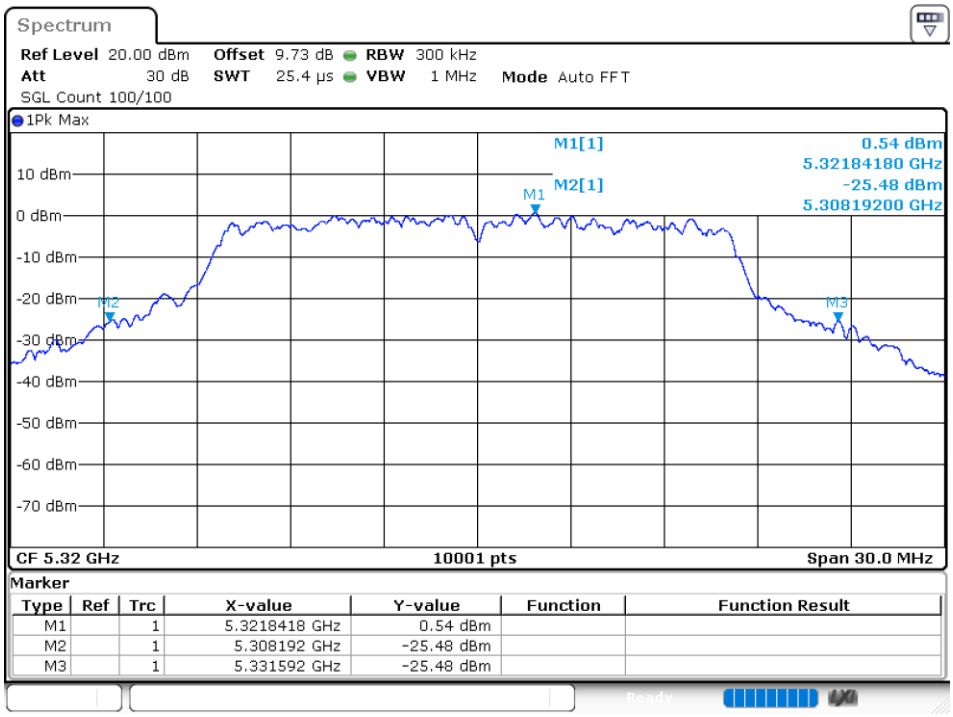
-26dB Bandwidth NVNT a 5260MHz Ant1



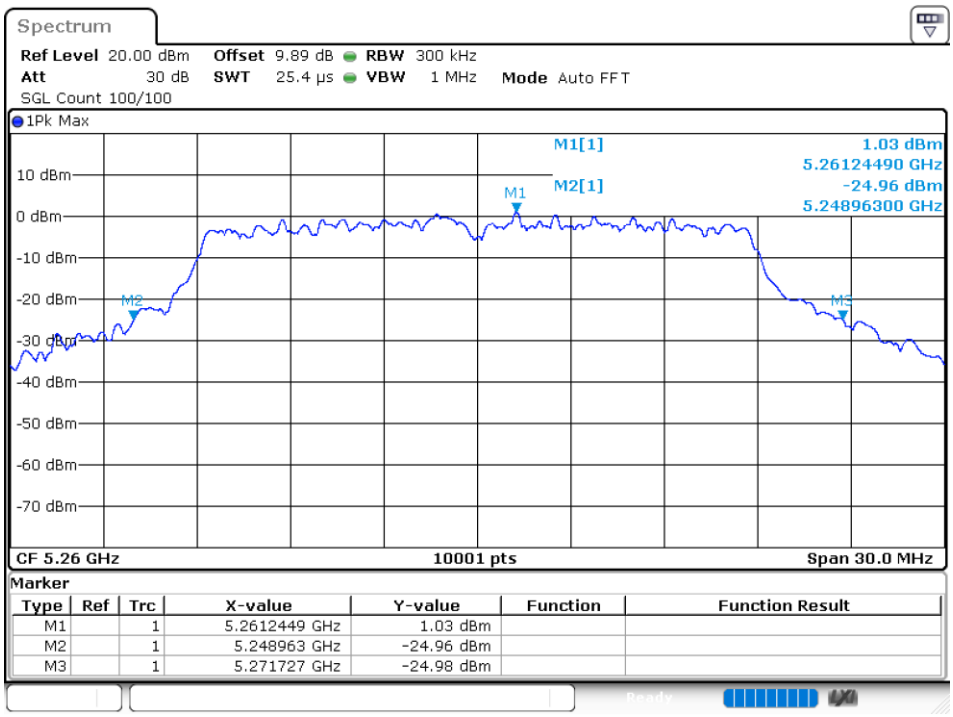
-26dB Bandwidth NVNT a 5280MHz Ant1



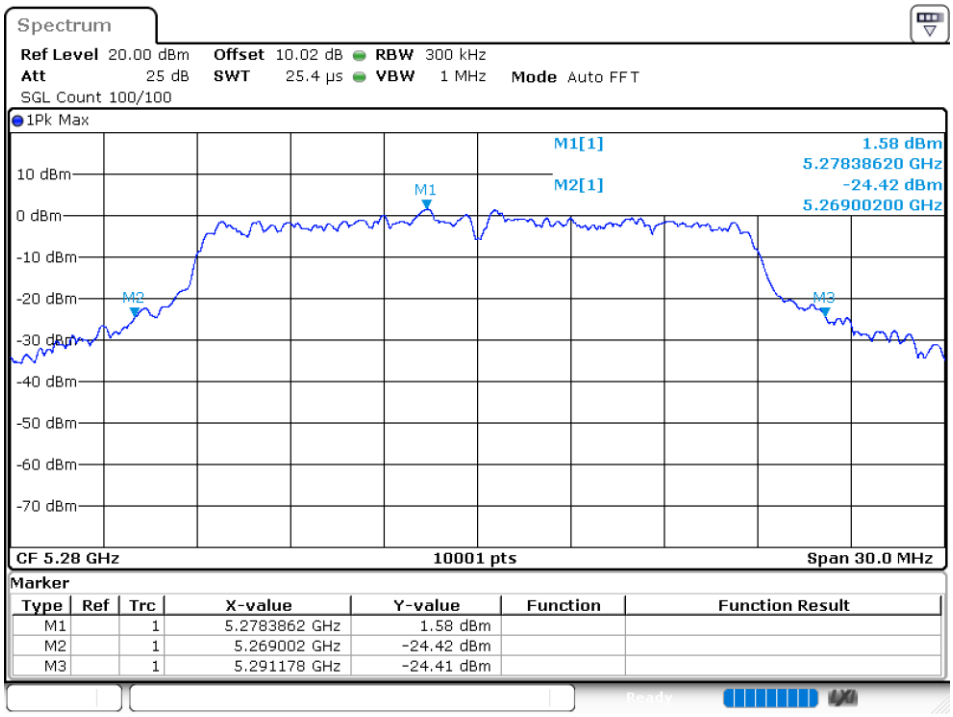
-26dB Bandwidth NVNT a 5320MHz Ant1



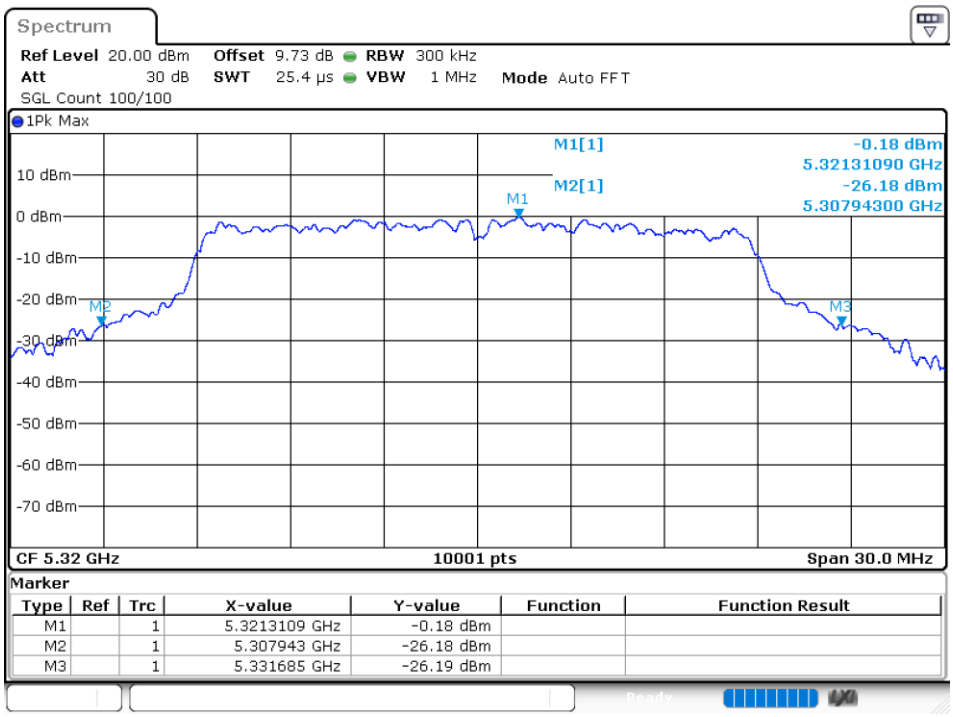
-26dB Bandwidth NVNT n20 5260MHz Ant1



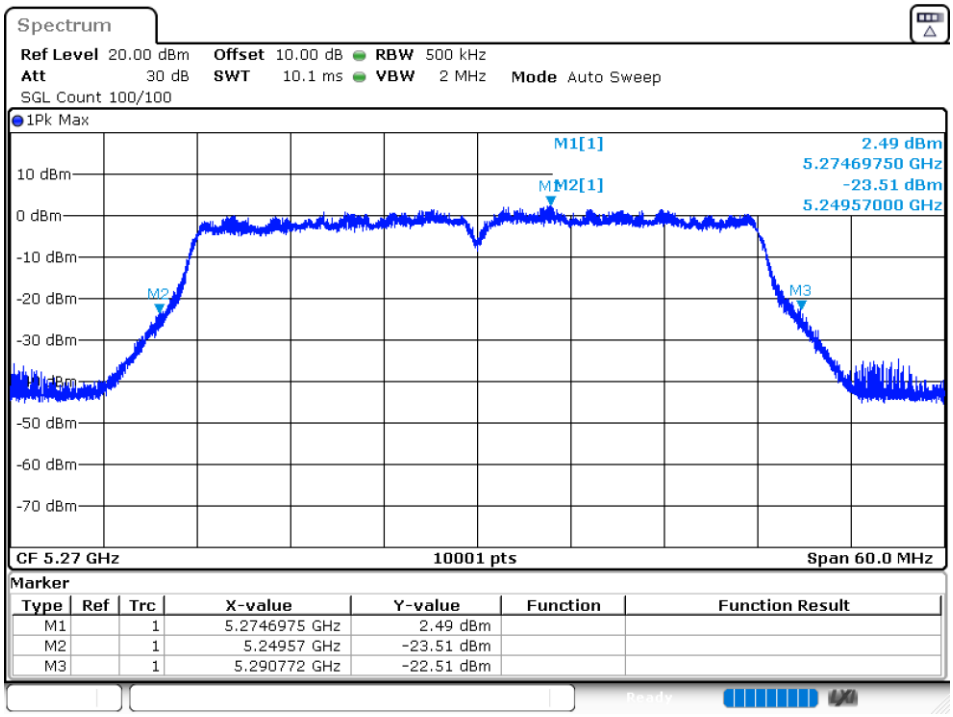
-26dB Bandwidth NVNT n20 5280MHz Ant1



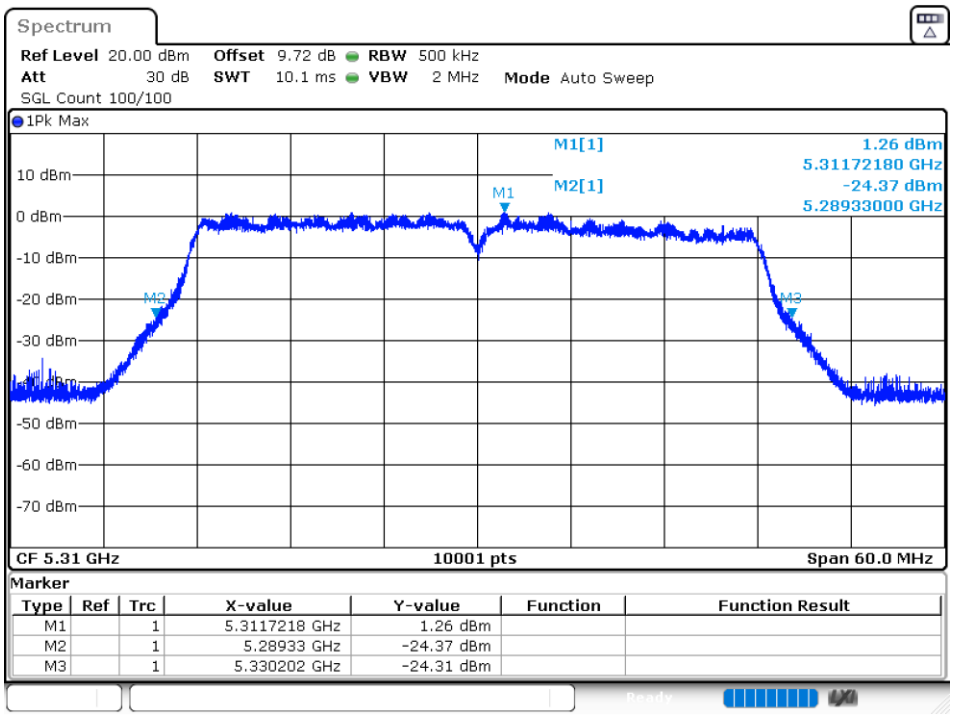
-26dB Bandwidth NVNT n20 5320MHz Ant1



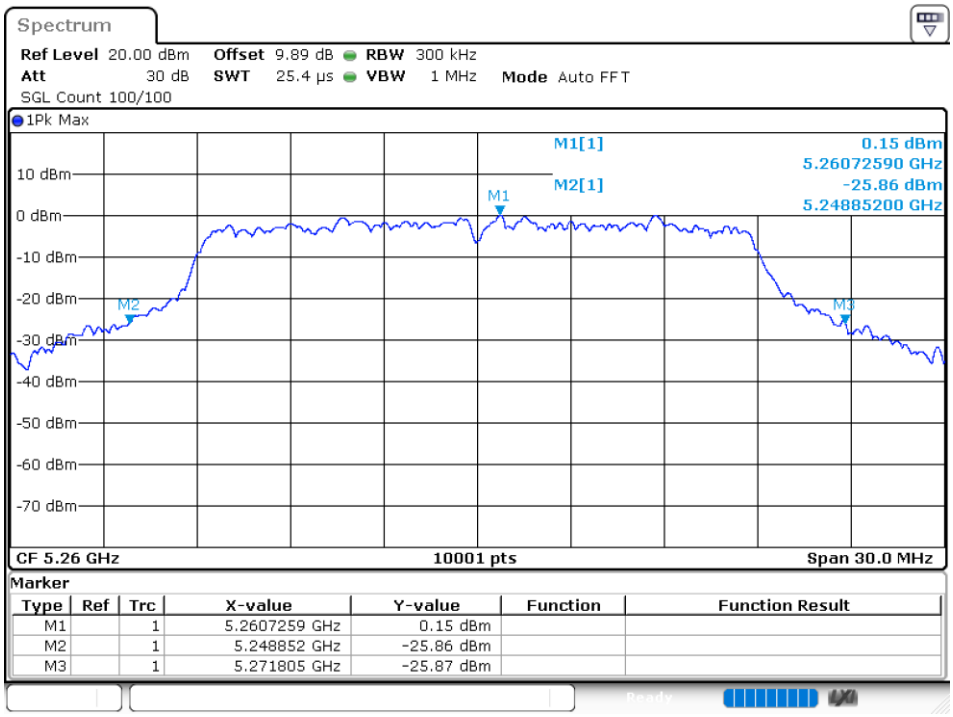
-26dB Bandwidth NVNT n40 5270MHz Ant1



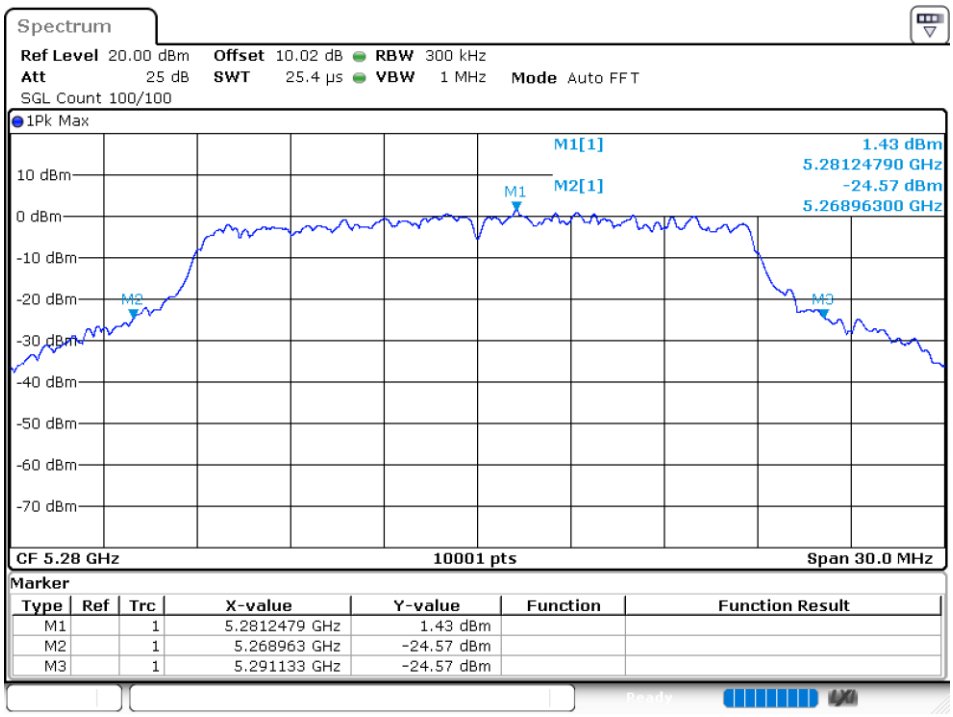
-26dB Bandwidth NVNT n40 5310MHz Ant1



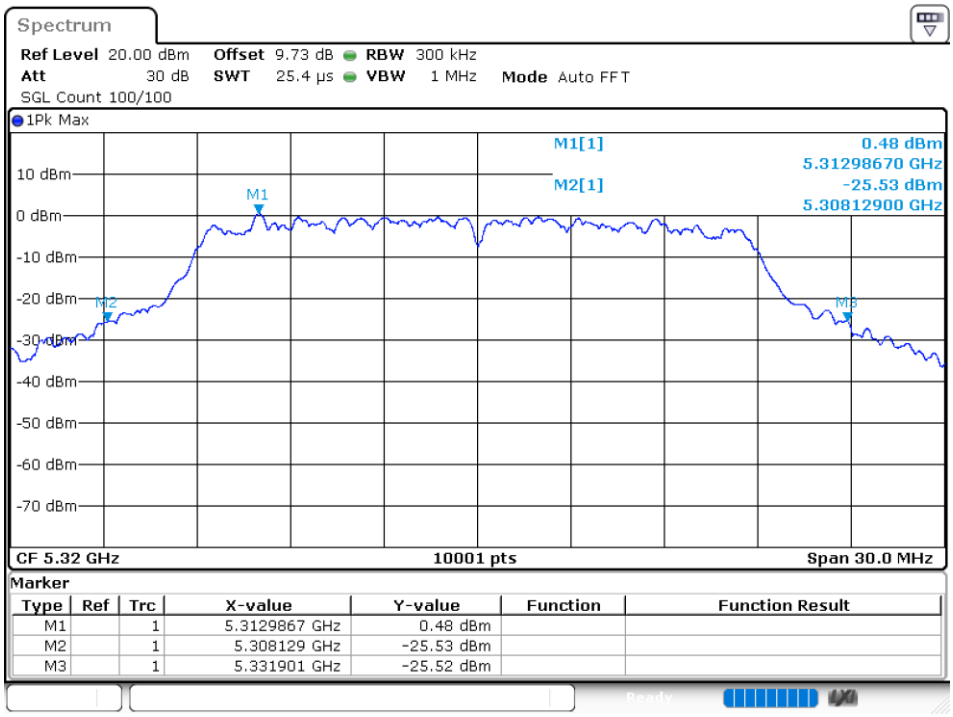
-26dB Bandwidth NVNT ac20 5260MHz Ant1



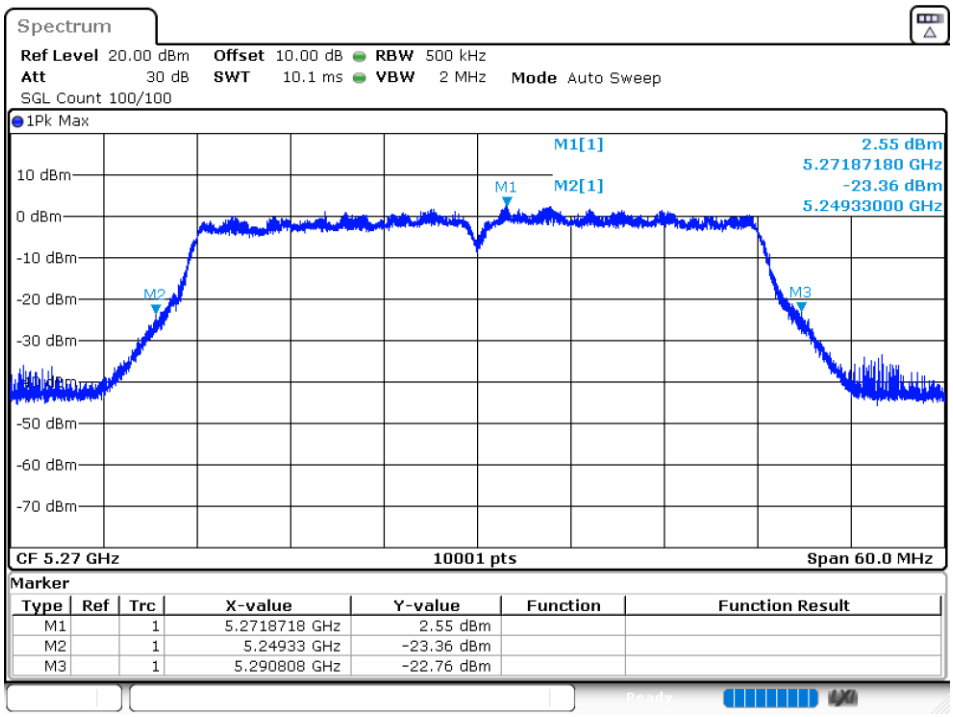
-26dB Bandwidth NVNT ac20 5280MHz Ant1



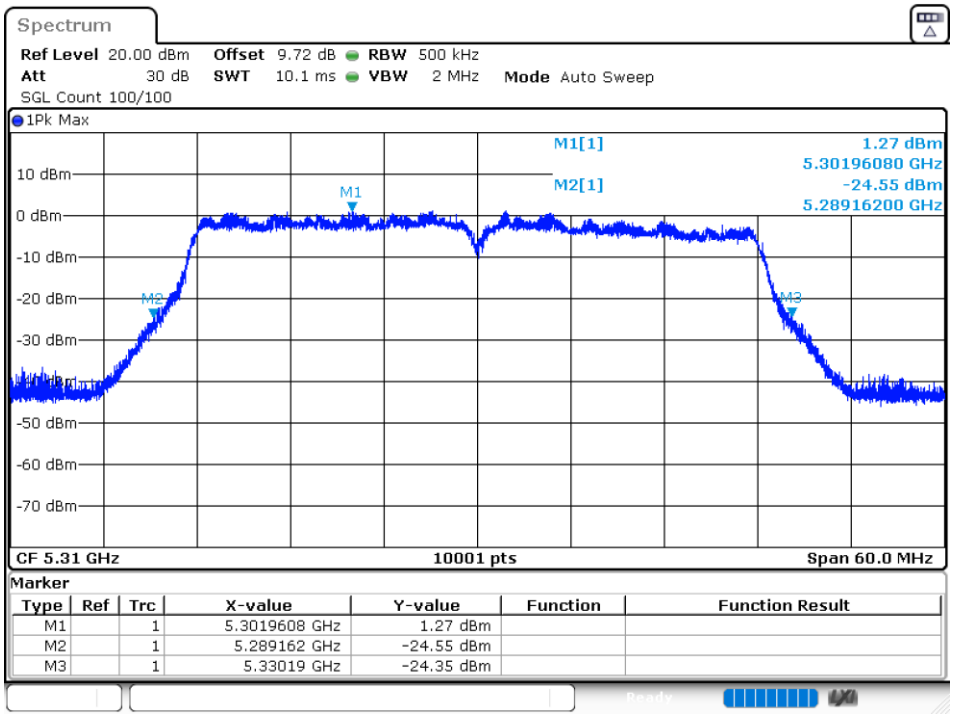
-26dB Bandwidth NVNT ac20 5320MHz Ant1



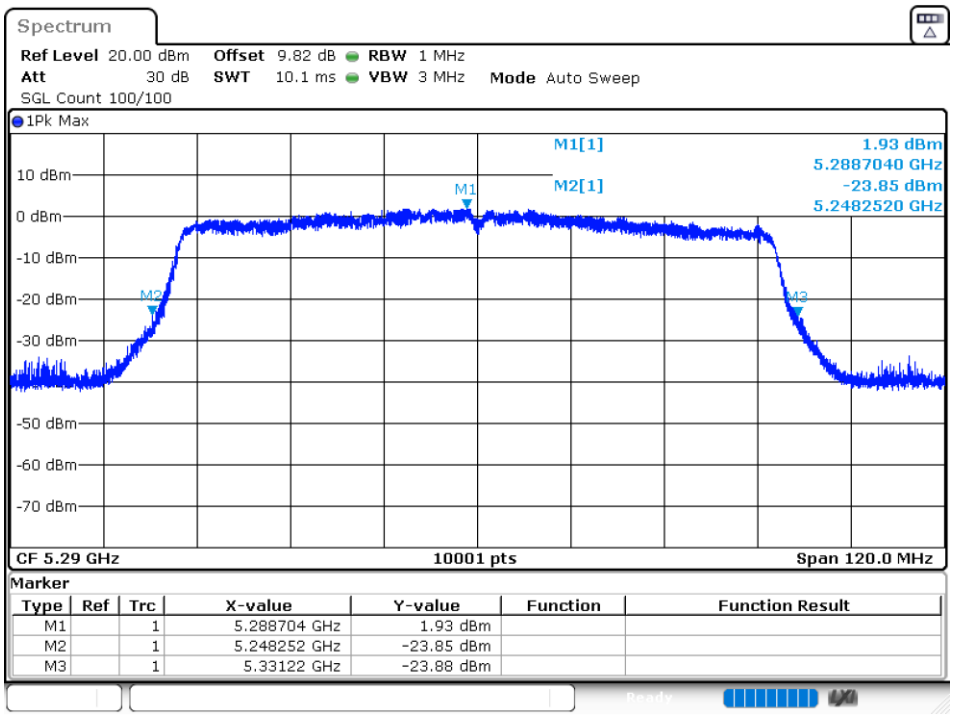
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

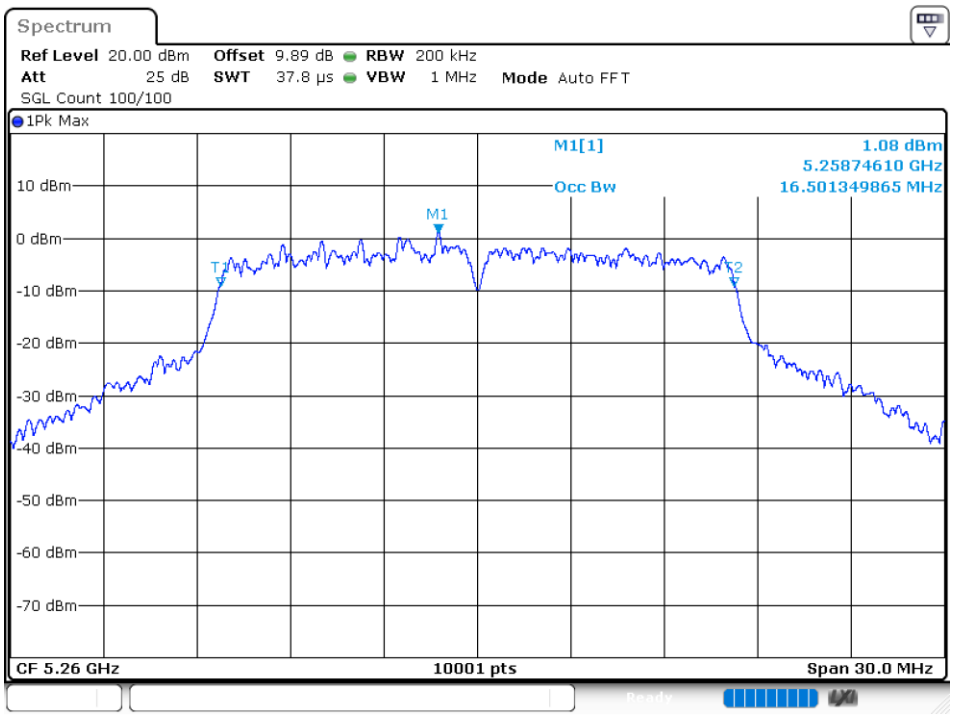


Occupied Channel Bandwidth

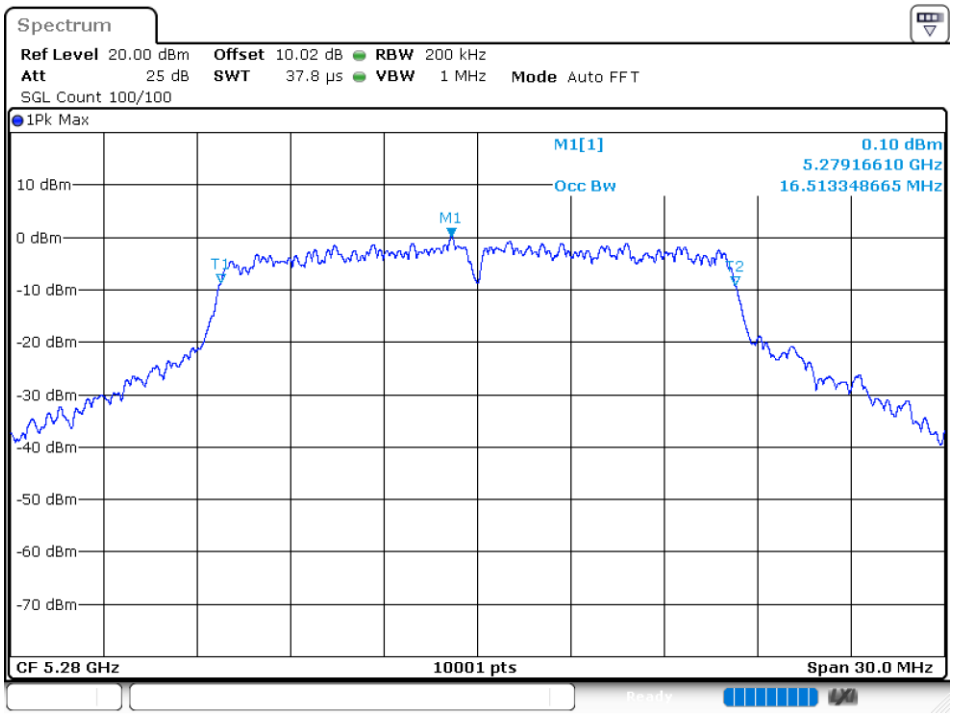
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.501
NVNT	a	5280	Ant1	16.513
NVNT	a	5320	Ant1	16.528
NVNT	n20	5260	Ant1	17.794
NVNT	n20	5280	Ant1	17.662
NVNT	n20	5320	Ant1	17.737
NVNT	n40	5270	Ant1	36.224
NVNT	n40	5310	Ant1	36.146
NVNT	ac20	5260	Ant1	17.773
NVNT	ac20	5280	Ant1	17.767
NVNT	ac20	5320	Ant1	17.692
NVNT	ac40	5270	Ant1	36.236
NVNT	ac40	5310	Ant1	36.152
NVNT	ac80	5290	Ant1	75.376

Test Graphs

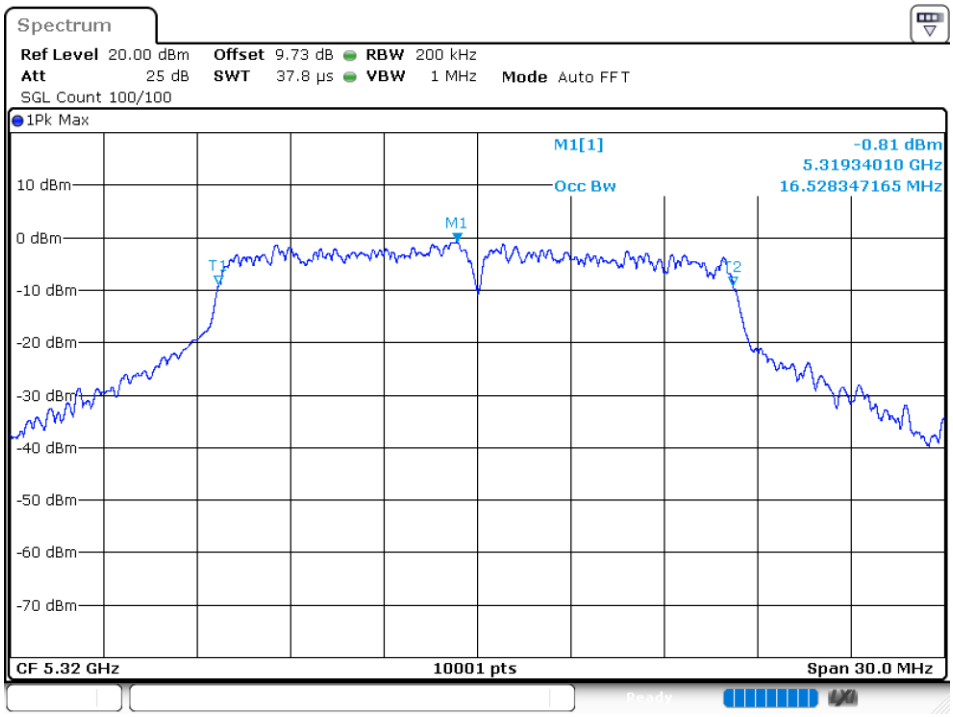
OBW NVNT a 5260MHz Ant1



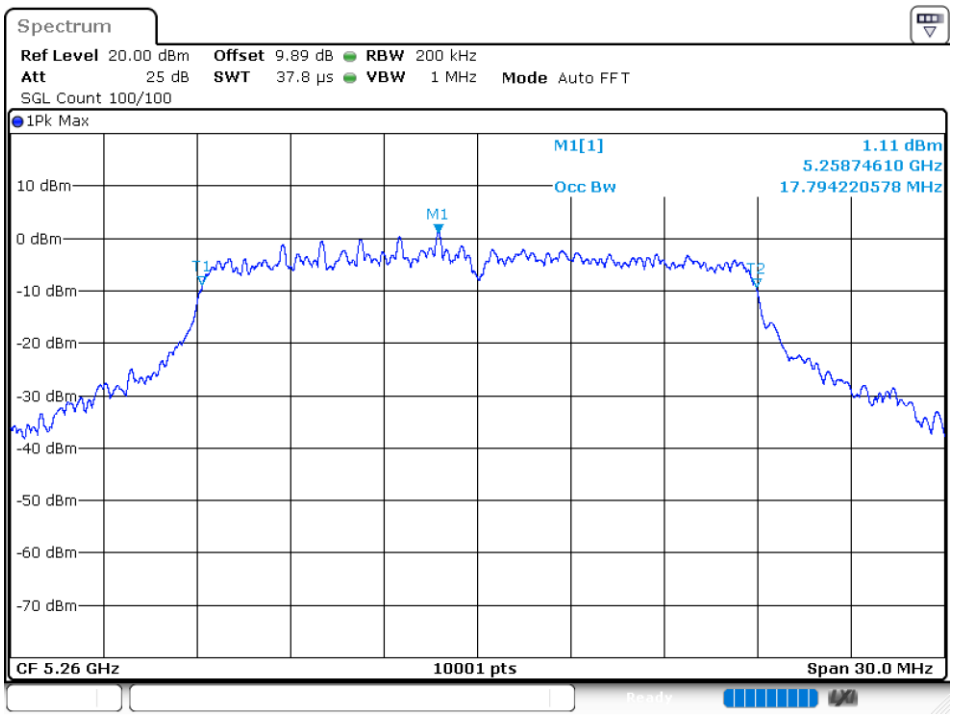
OBW NVNT a 5280MHz Ant1



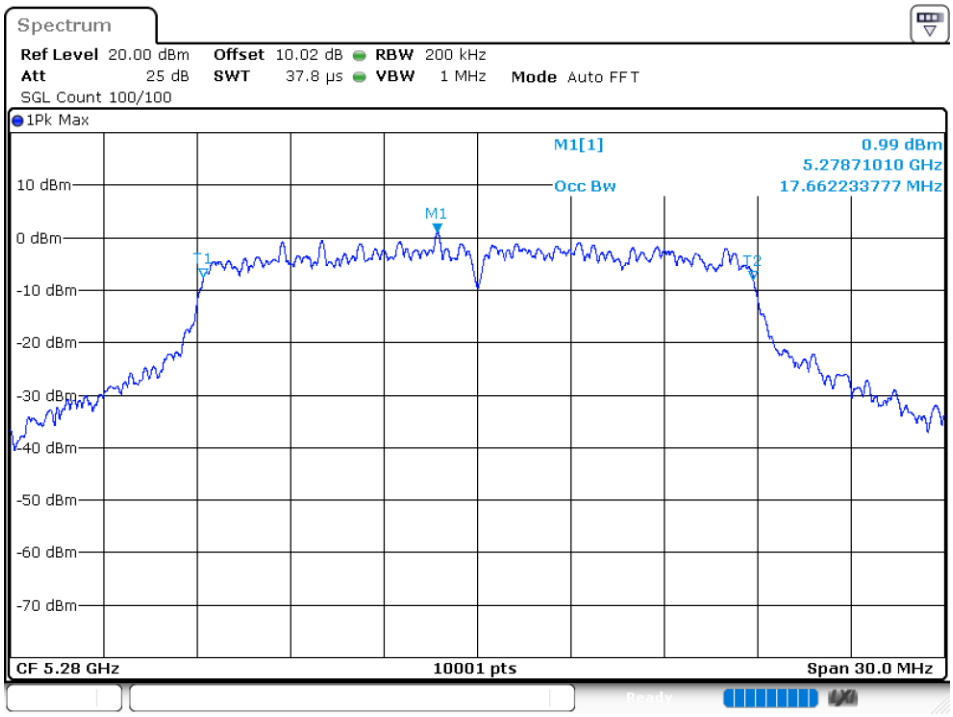
OBW NVNT a 5320MHz Ant1



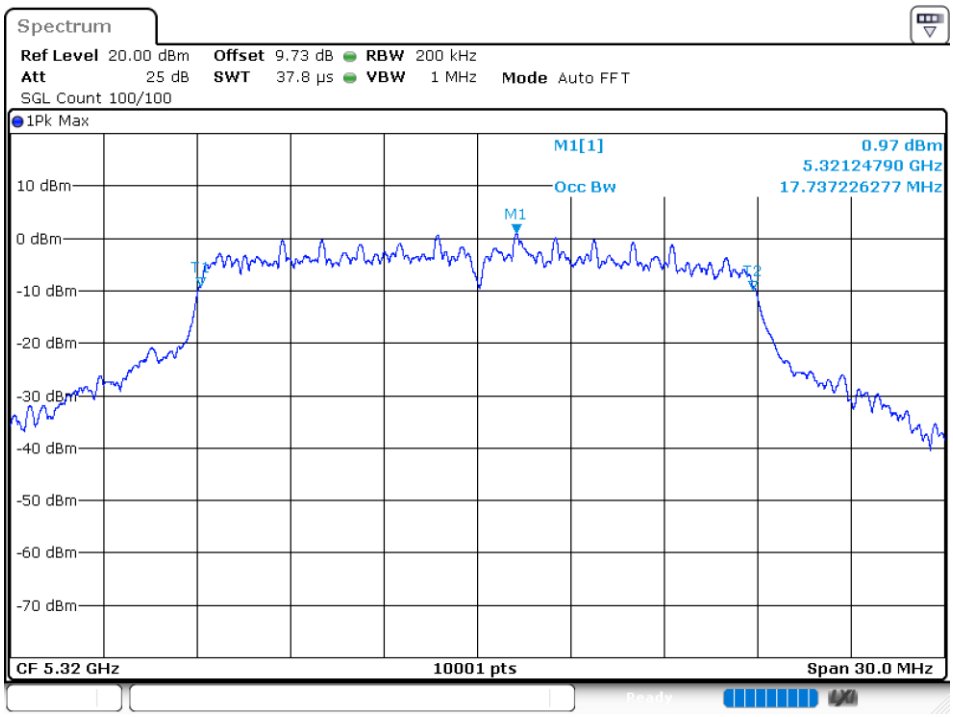
OBW NVNT n20 5260MHz Ant1



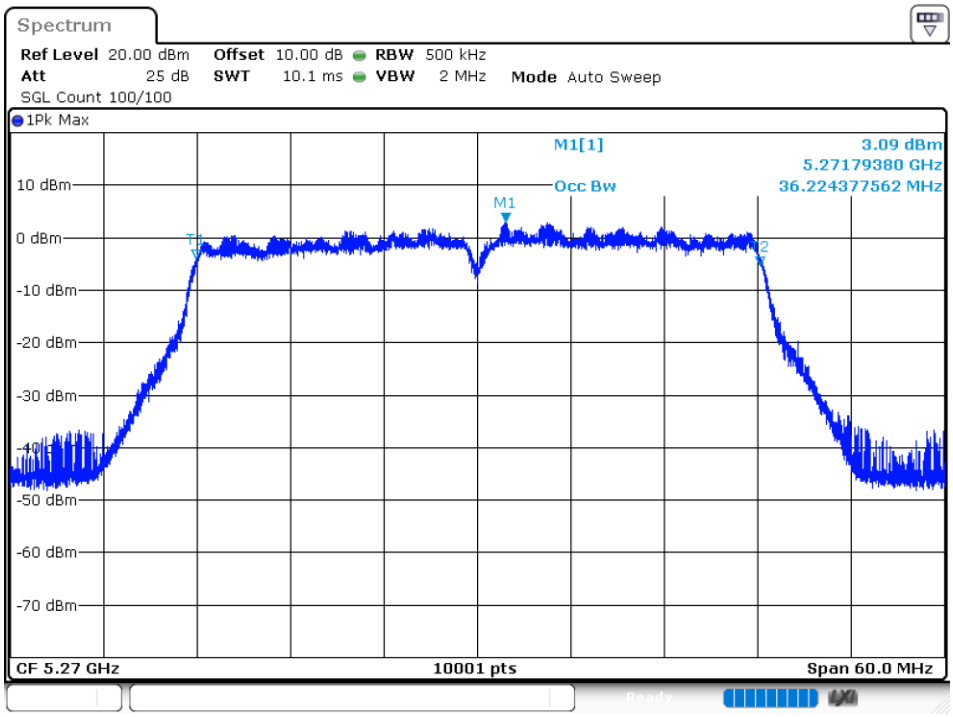
OBW NVNT n20 5280MHz Ant1



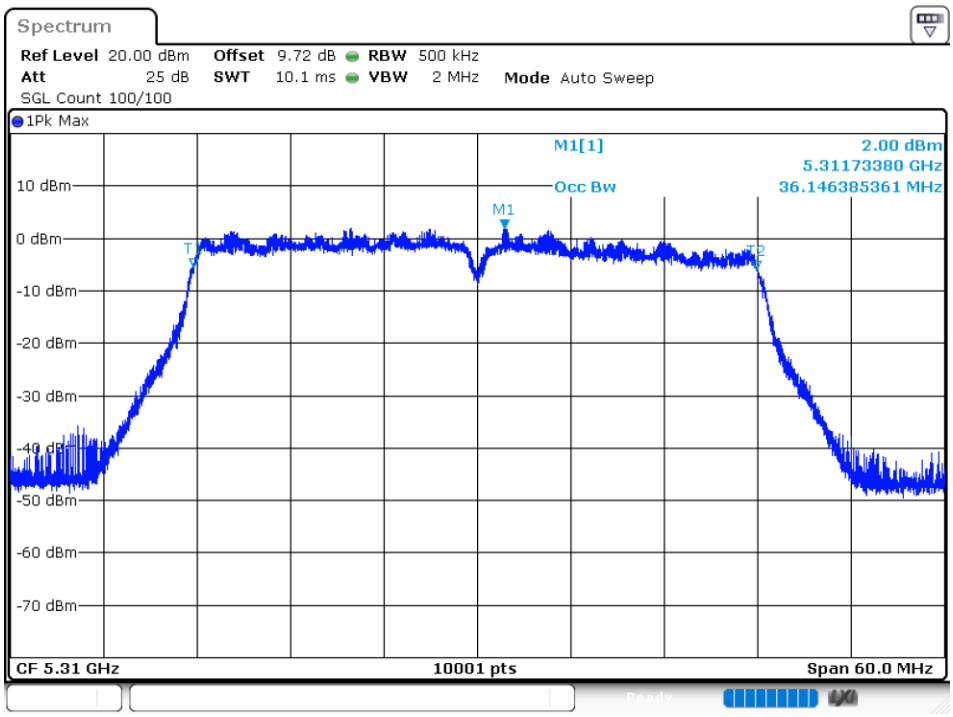
OBW NVNT n20 5320MHz Ant1



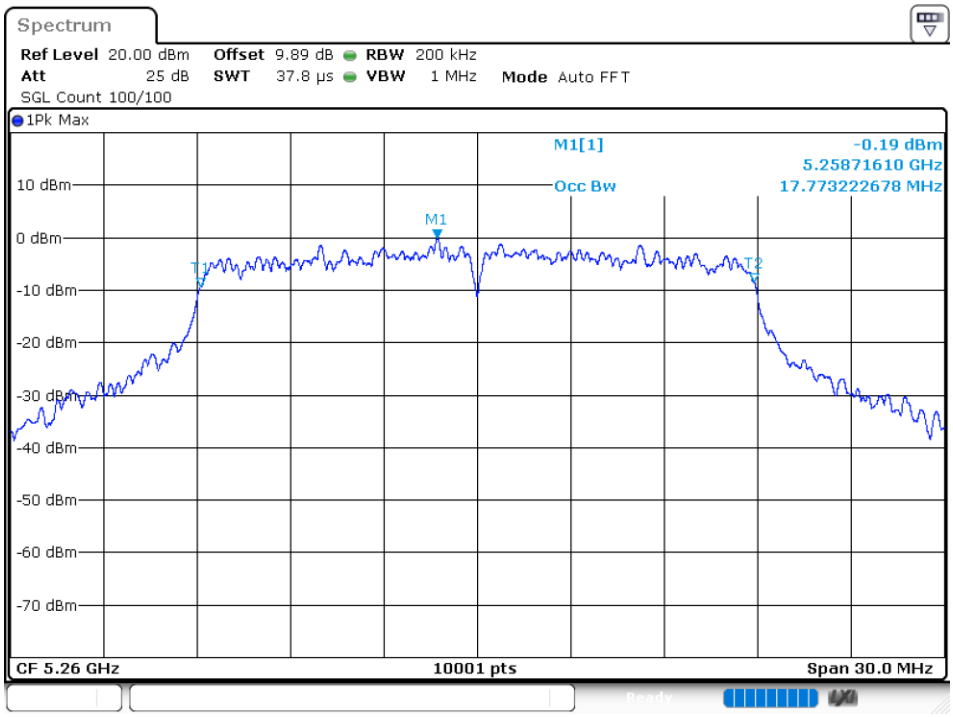
OBW NVNT n40 5270MHz Ant1



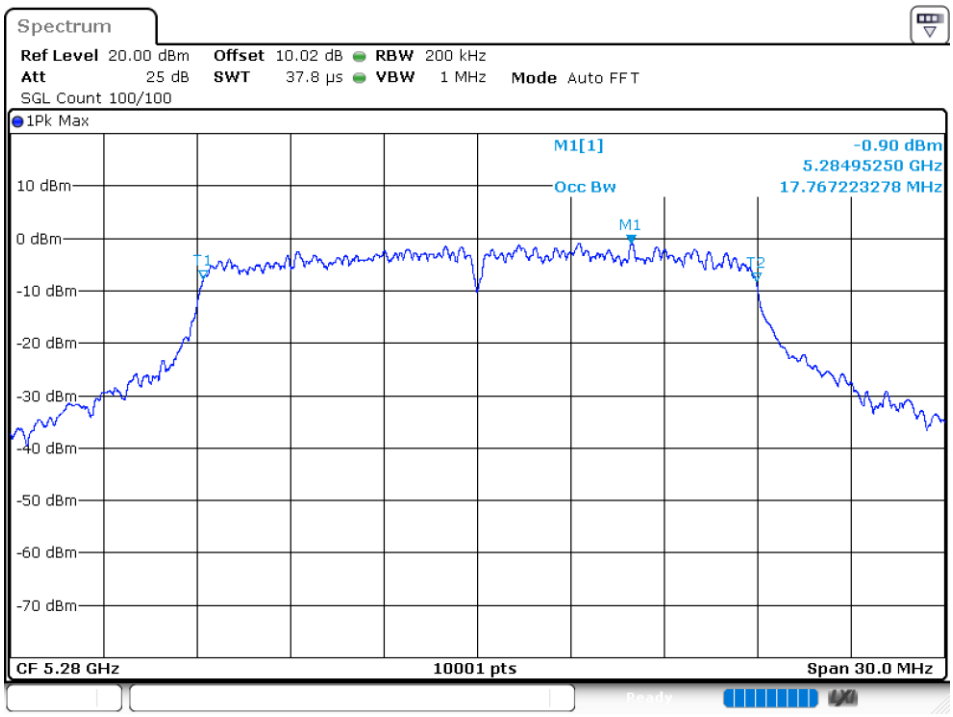
OBW NVNT n40 5310MHz Ant1



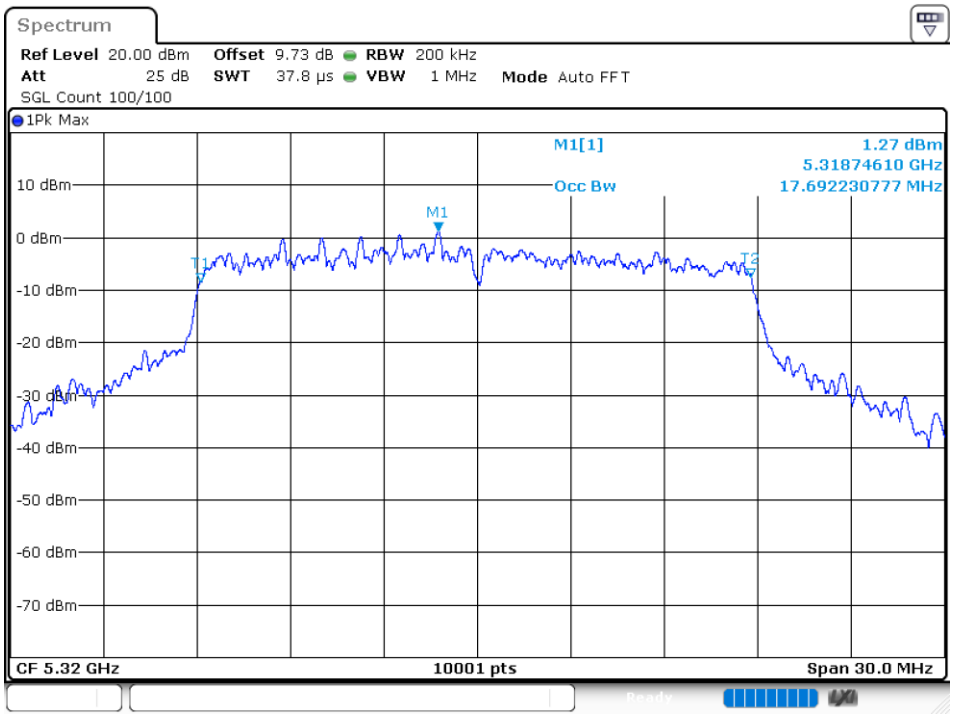
OBW NVNT ac20 5260MHz Ant1



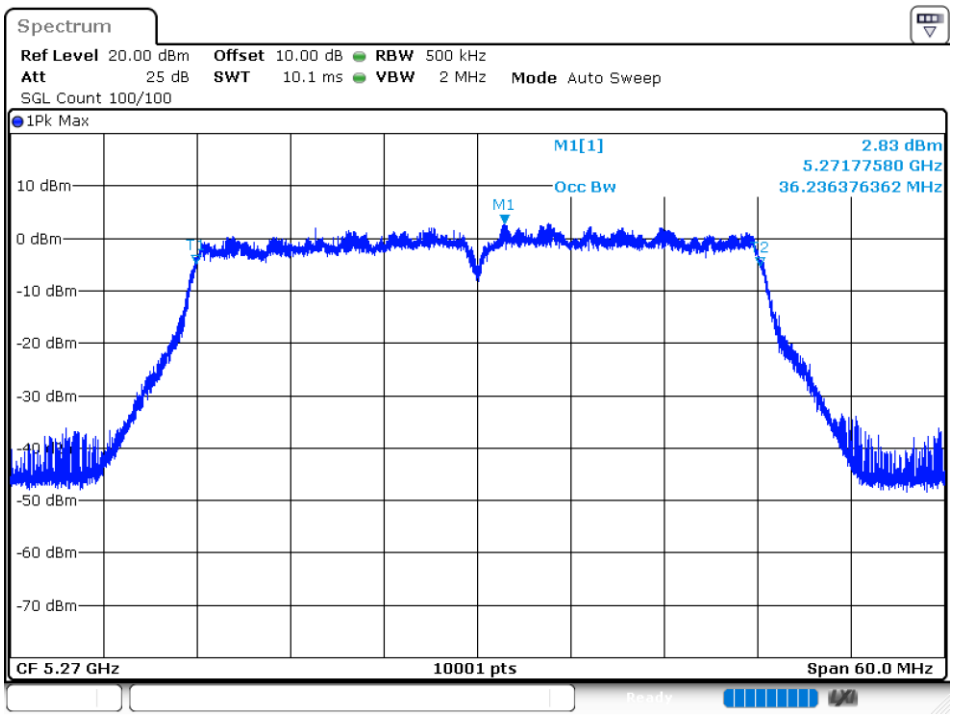
OBW NVNT ac20 5280MHz Ant1



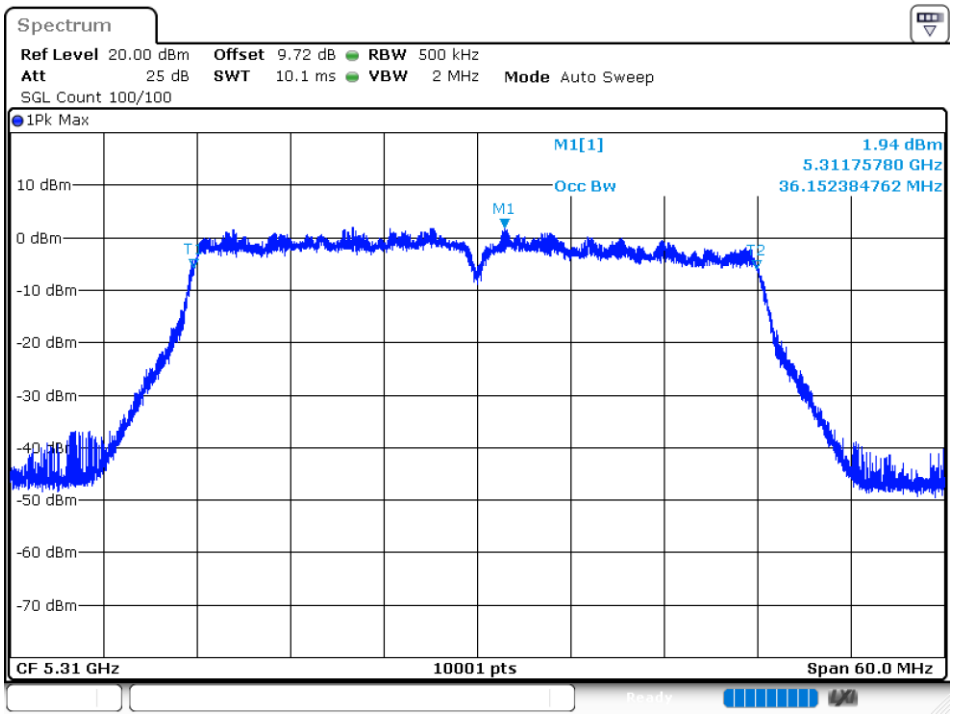
OBW NVNT ac20 5320MHz Ant1



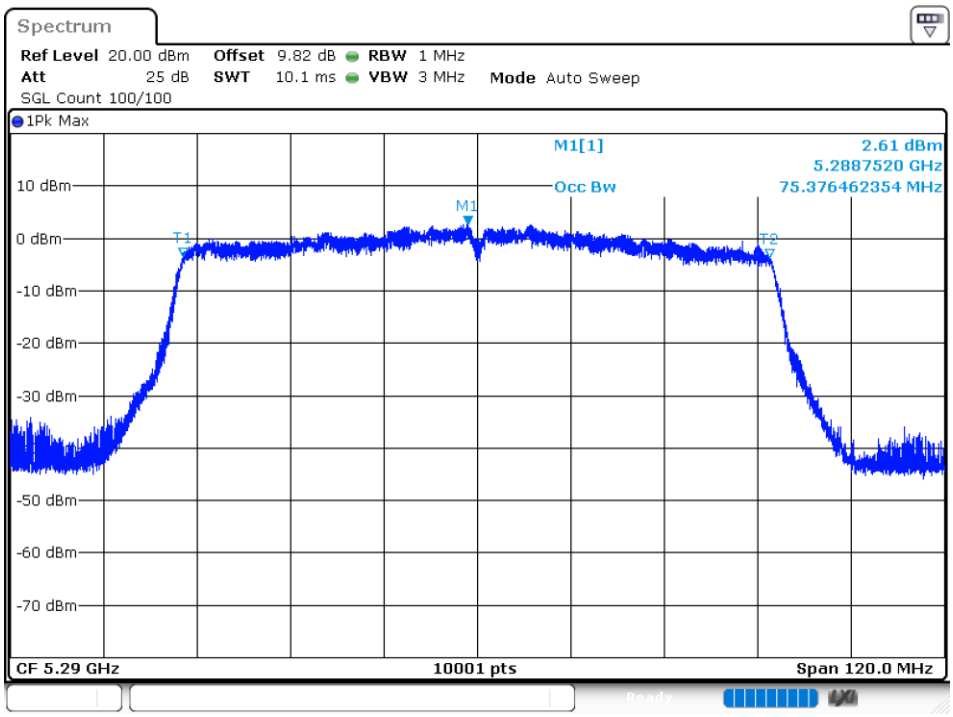
OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac80 5290MHz Ant1

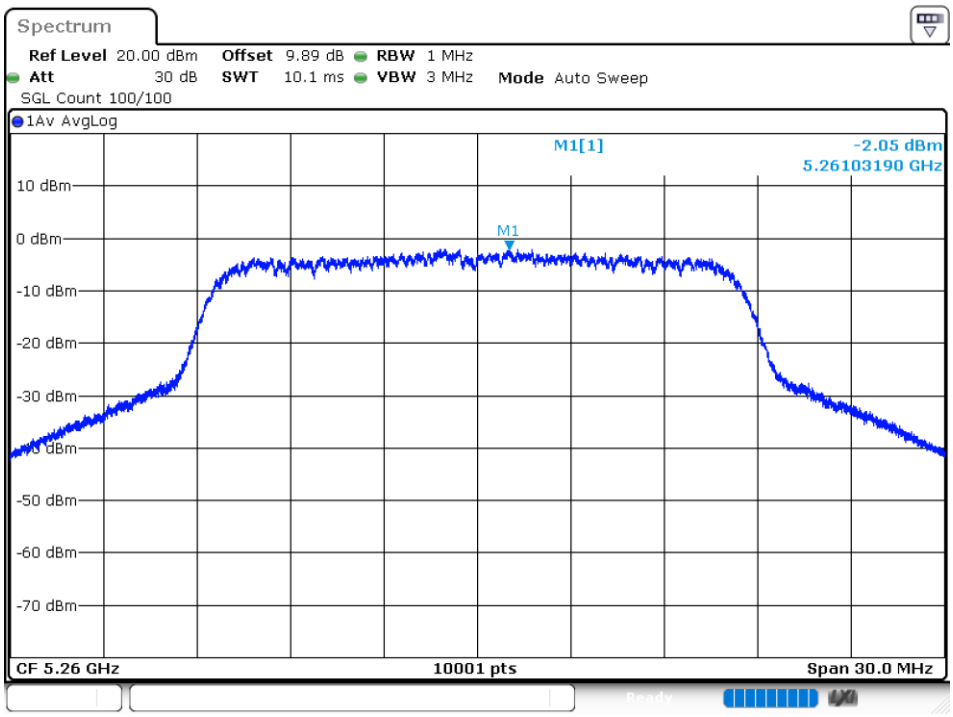


Maximum Power Spectral Density Level

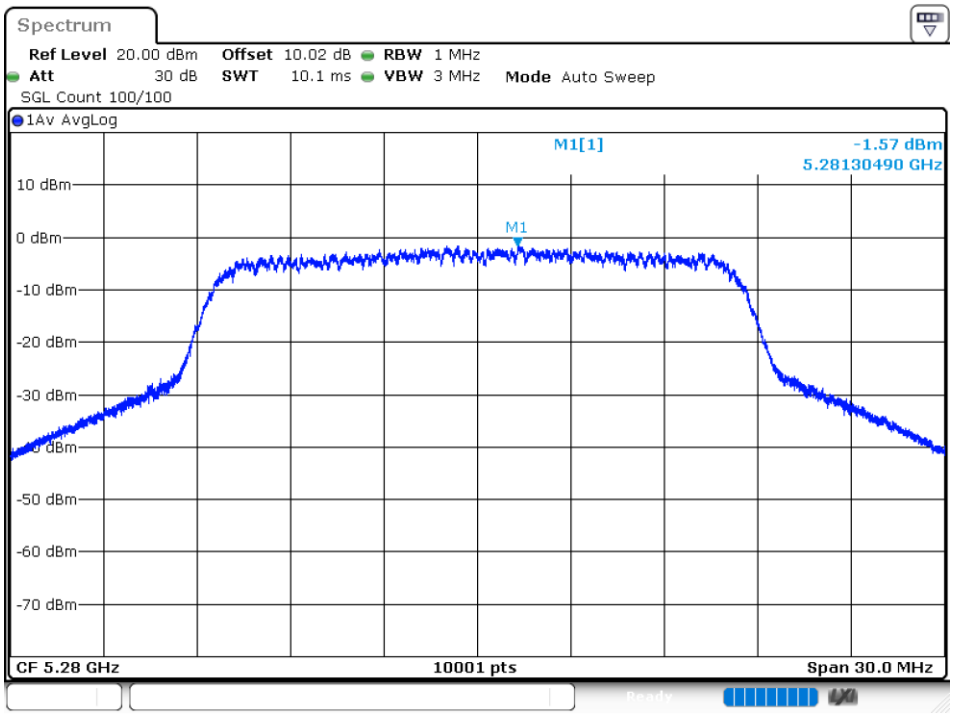
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-2.05	0.06	-1.99	11	Pass
NVNT	a	5280	Ant1	-1.57	0.06	-1.51	11	Pass
NVNT	a	5320	Ant1	-1.95	0.06	-1.89	11	Pass
NVNT	n20	5260	Ant1	-2.59	0.06	-2.53	11	Pass
NVNT	n20	5280	Ant1	-1.84	0.07	-1.77	11	Pass
NVNT	n20	5320	Ant1	-2.67	0.07	-2.6	11	Pass
NVNT	n40	5270	Ant1	-4.61	0.13	-4.48	11	Pass
NVNT	n40	5310	Ant1	-5.14	0.13	-5.01	11	Pass
NVNT	ac20	5260	Ant1	-2.44	0.06	-2.38	11	Pass
NVNT	ac20	5280	Ant1	-2.16	0.07	-2.09	11	Pass
NVNT	ac20	5320	Ant1	-2.41	0.06	-2.35	11	Pass
NVNT	ac40	5270	Ant1	-4.68	0.13	-4.55	11	Pass
NVNT	ac40	5310	Ant1	-5.27	0.13	-5.14	11	Pass
NVNT	ac80	5290	Ant1	-8.46	0.25	-8.21	11	Pass

Test Graphs

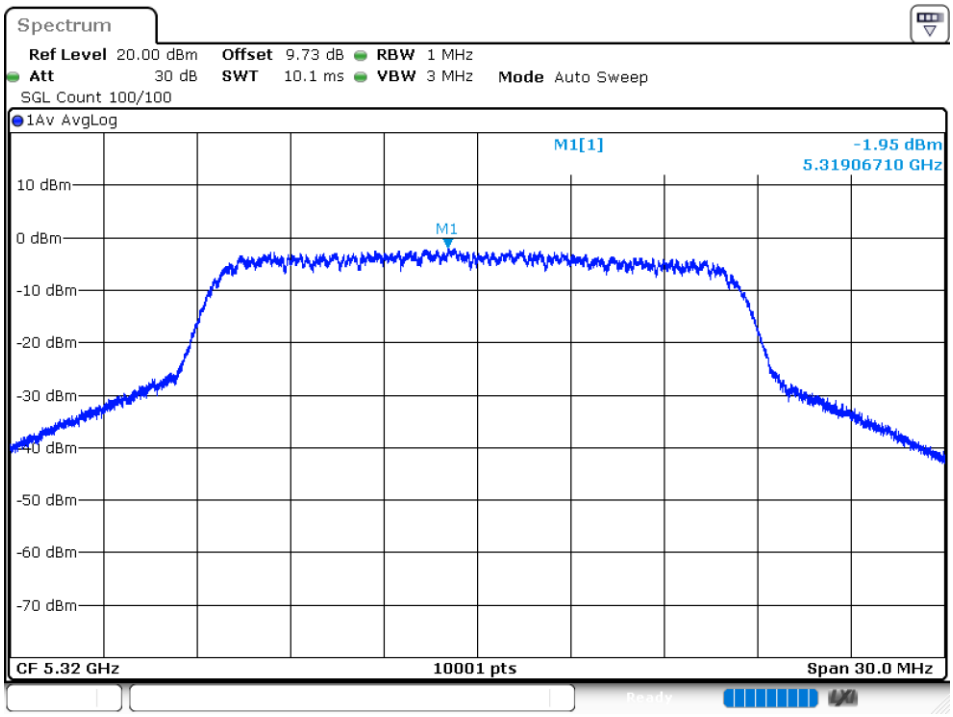
PSD NVNT a 5260MHz Ant1



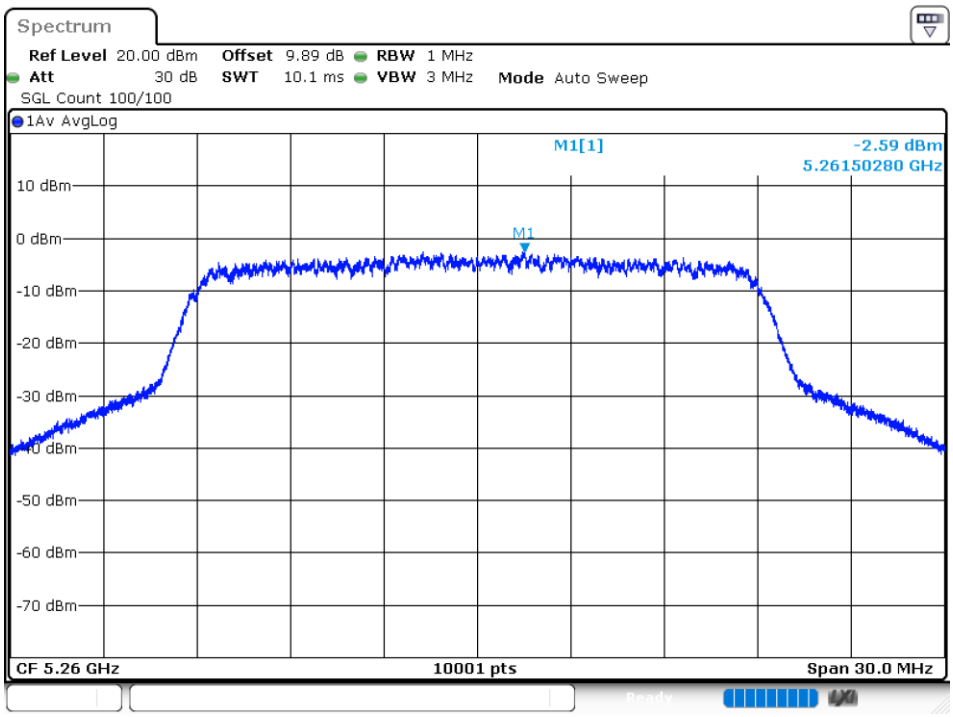
PSD NVNT a 5280MHz Ant1



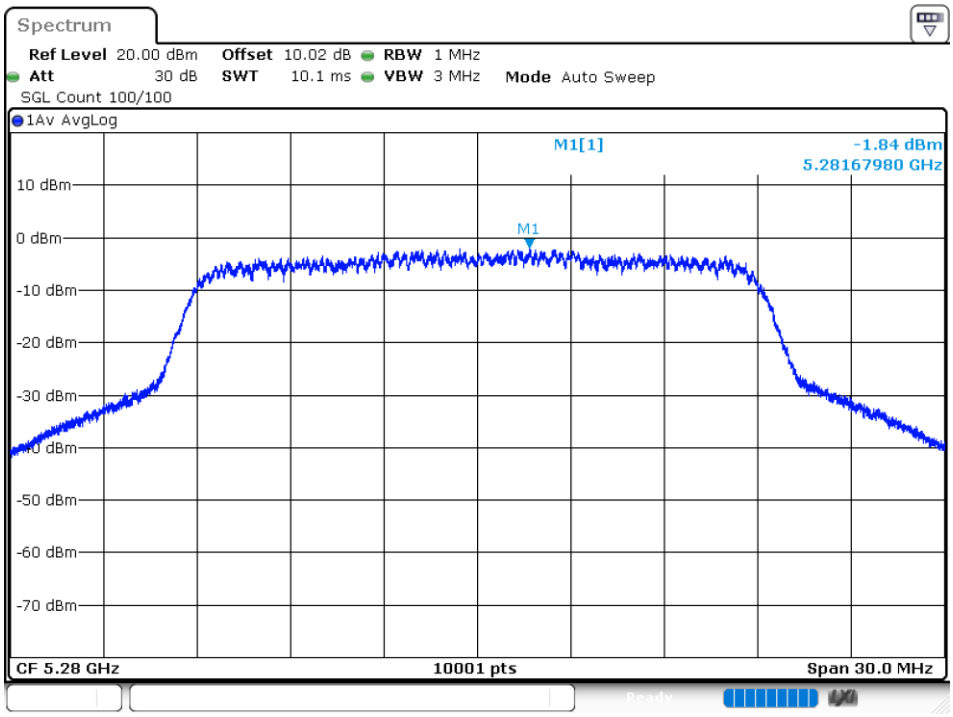
PSD NVNT a 5320MHz Ant1



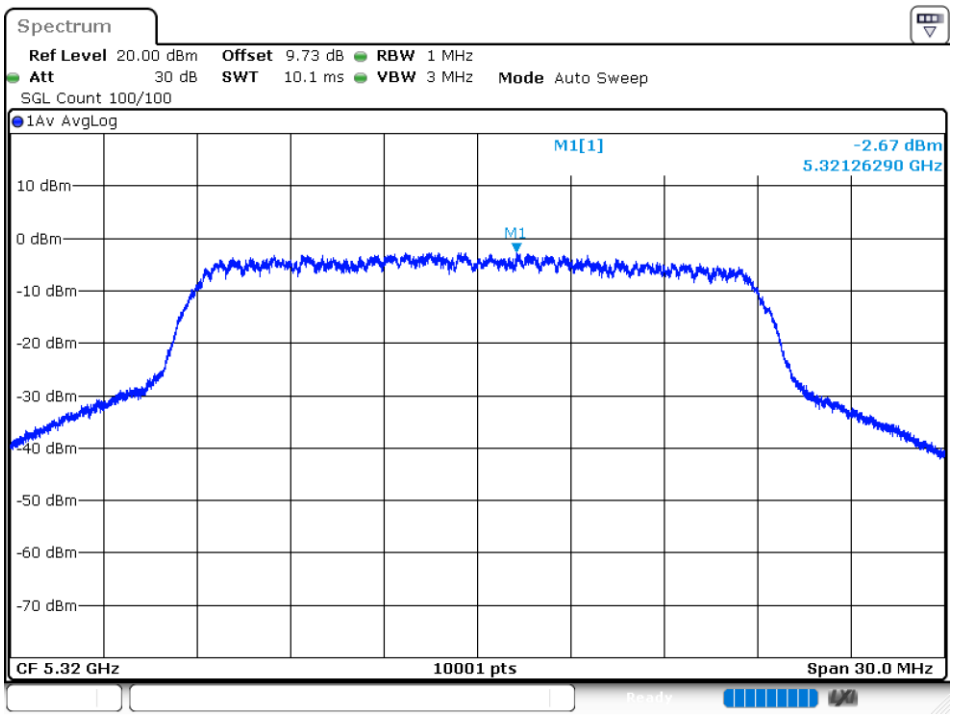
PSD NVNT n20 5260MHz Ant1



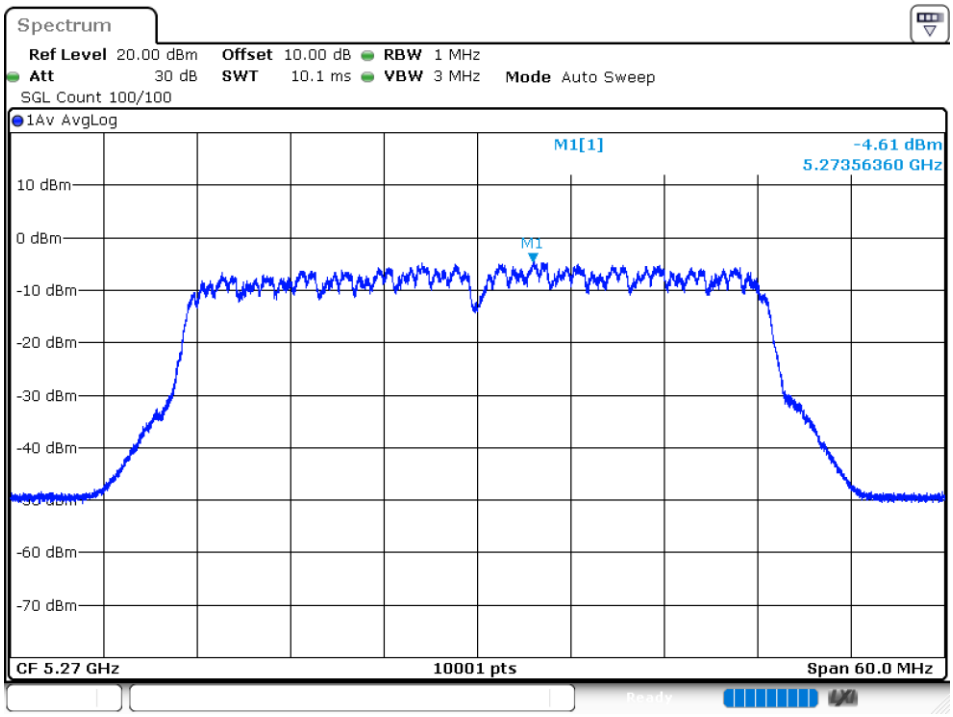
PSD NVNT n20 5280MHz Ant1



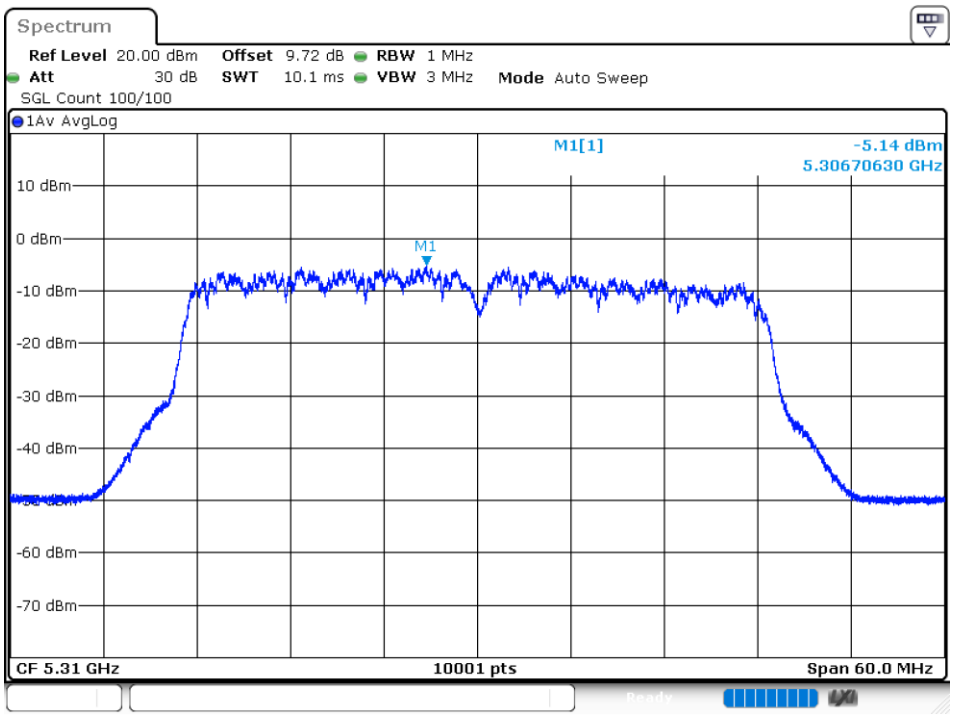
PSD NVNT n20 5320MHz Ant1



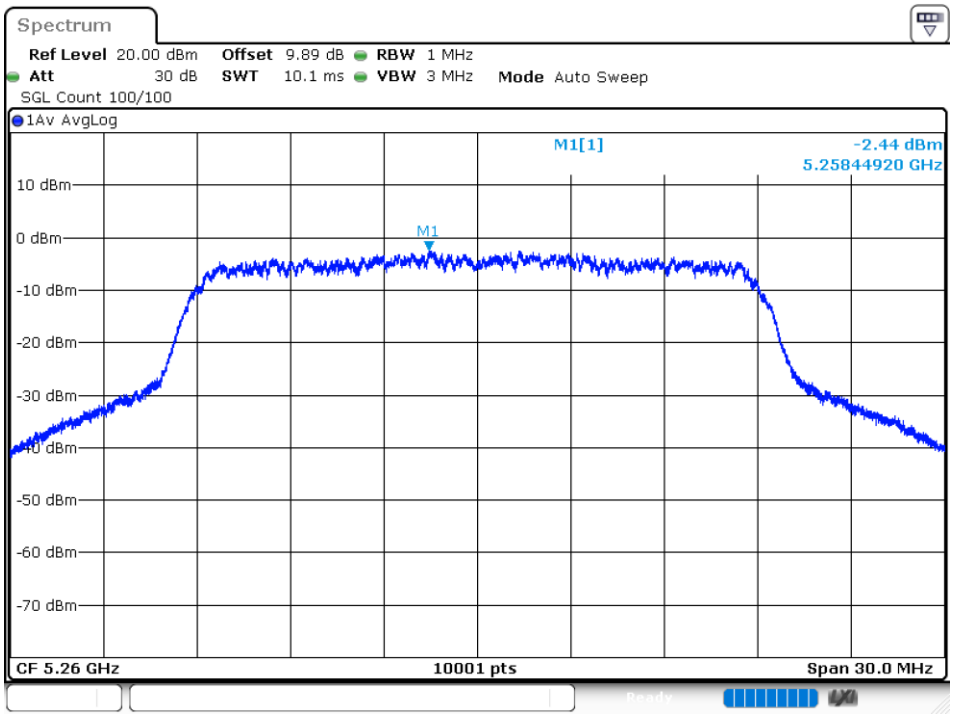
PSD NVNT n40 5270MHz Ant1



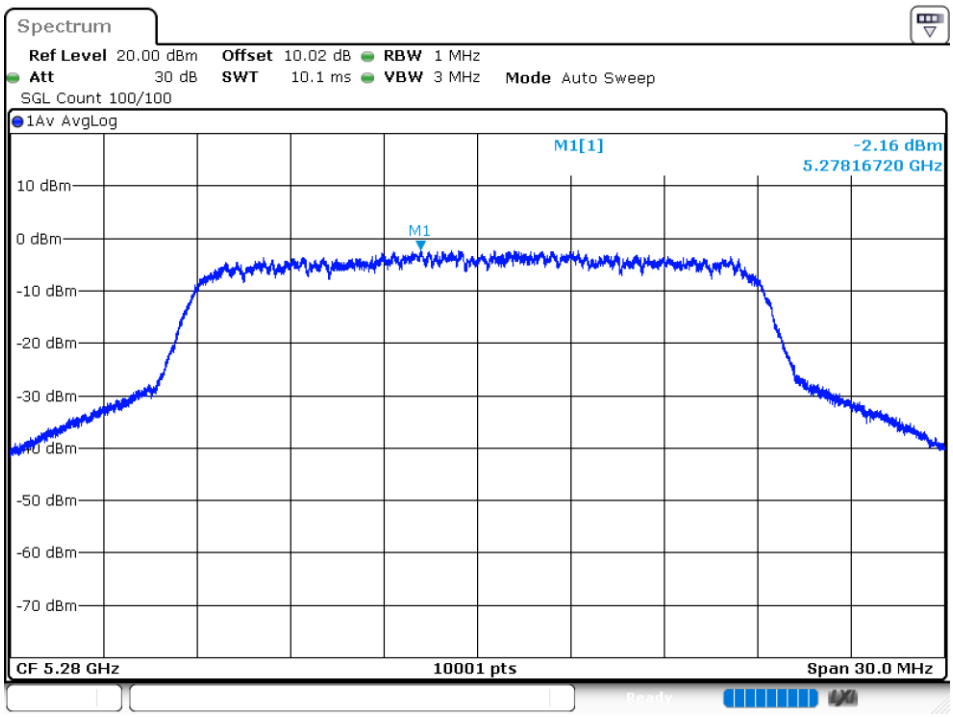
PSD NVNT n40 5310MHz Ant1



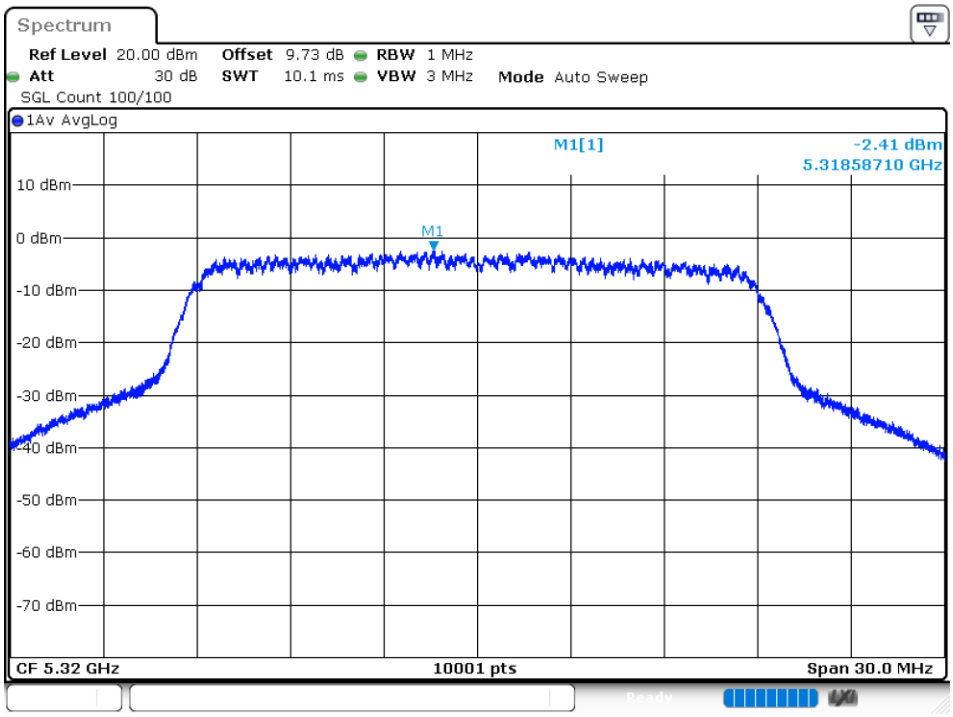
PSD NVNT ac20 5260MHz Ant1



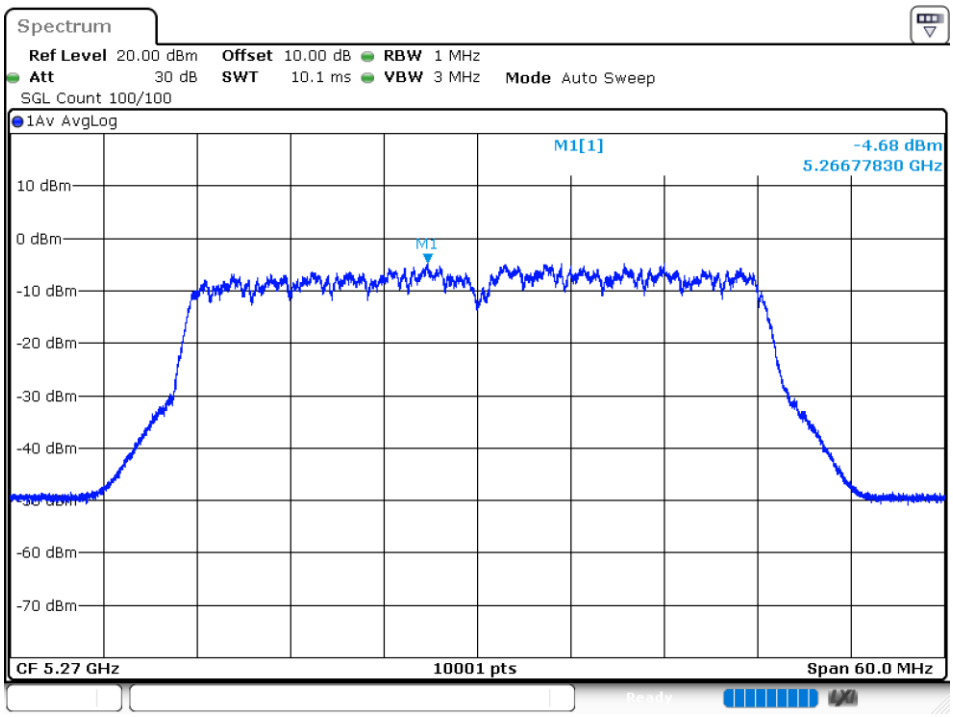
PSD NVNT ac20 5280MHz Ant1



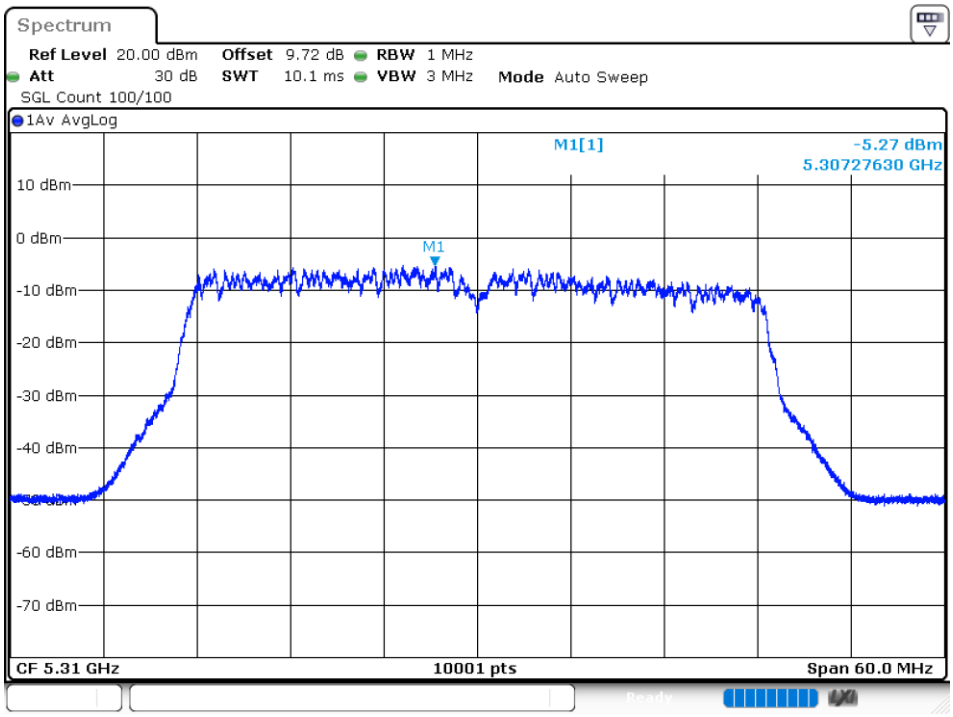
PSD NVNT ac20 5320MHz Ant1



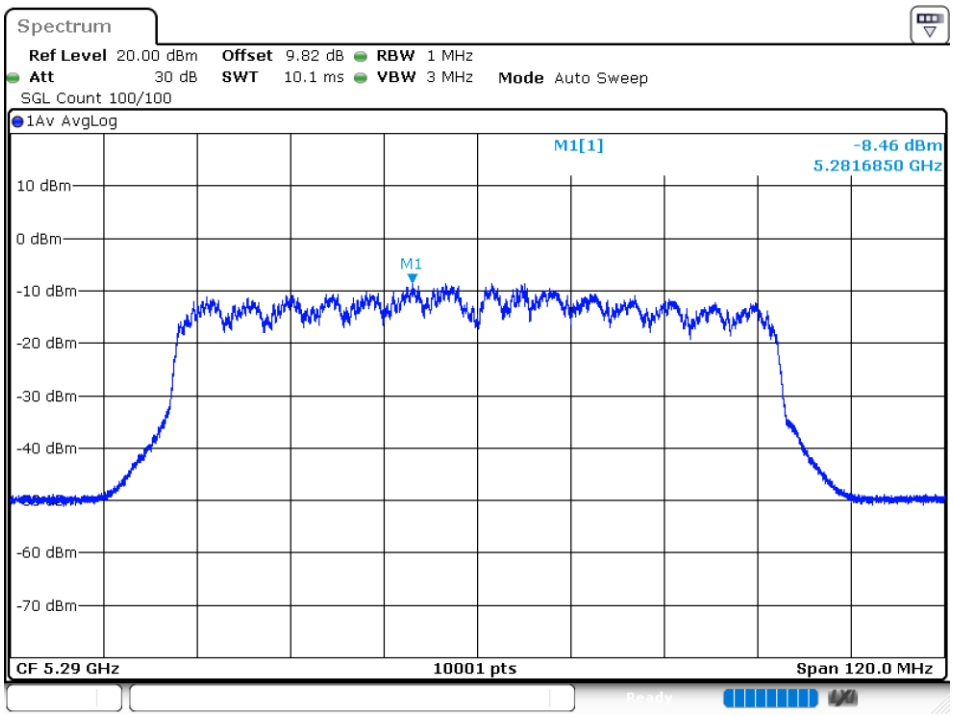
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac80 5290MHz Ant1

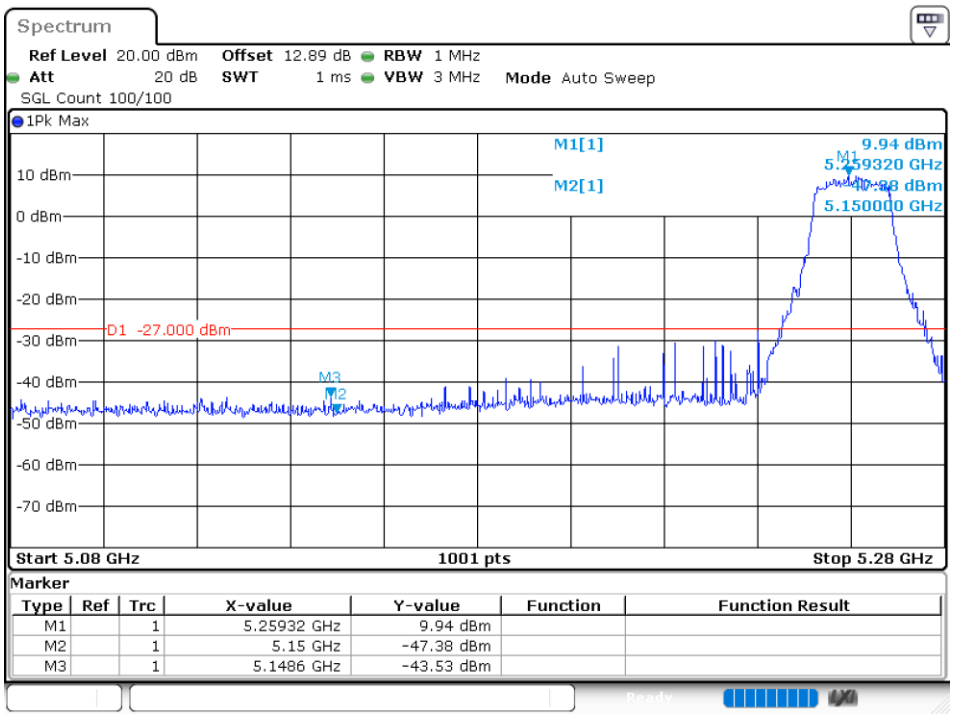


Band Edge

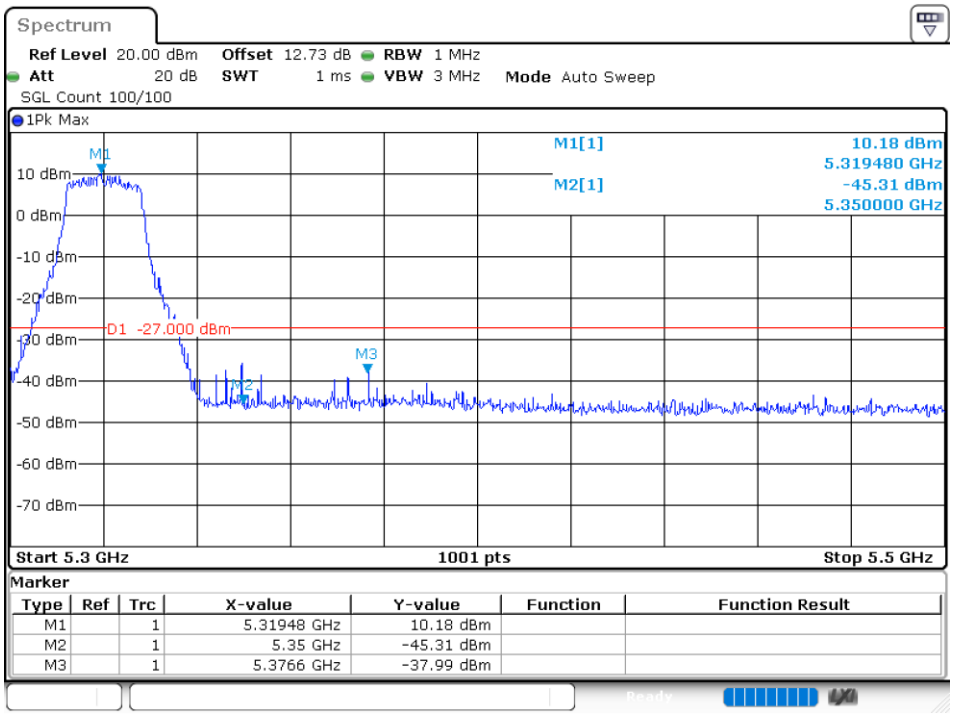
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-43.52	-27	Pass
NVNT	a	5320	Ant1	-37.99	-27	Pass
NVNT	n20	5260	Ant1	-43.48	-27	Pass
NVNT	n20	5320	Ant1	-38.23	-27	Pass
NVNT	n40	5270	Ant1	-44.01	-27	Pass
NVNT	n40	5310	Ant1	-33.01	-27	Pass
NVNT	ac20	5260	Ant1	-44.17	-27	Pass
NVNT	ac20	5320	Ant1	-37.08	-27	Pass
NVNT	ac40	5270	Ant1	-43.93	-27	Pass
NVNT	ac40	5310	Ant1	-34.62	-27	Pass
NVNT	ac80	5290	Ant1	-39.15	-27	Pass
NVNT	ac80	5290	Ant1	-44.23	-27	Pass

Test Graphs

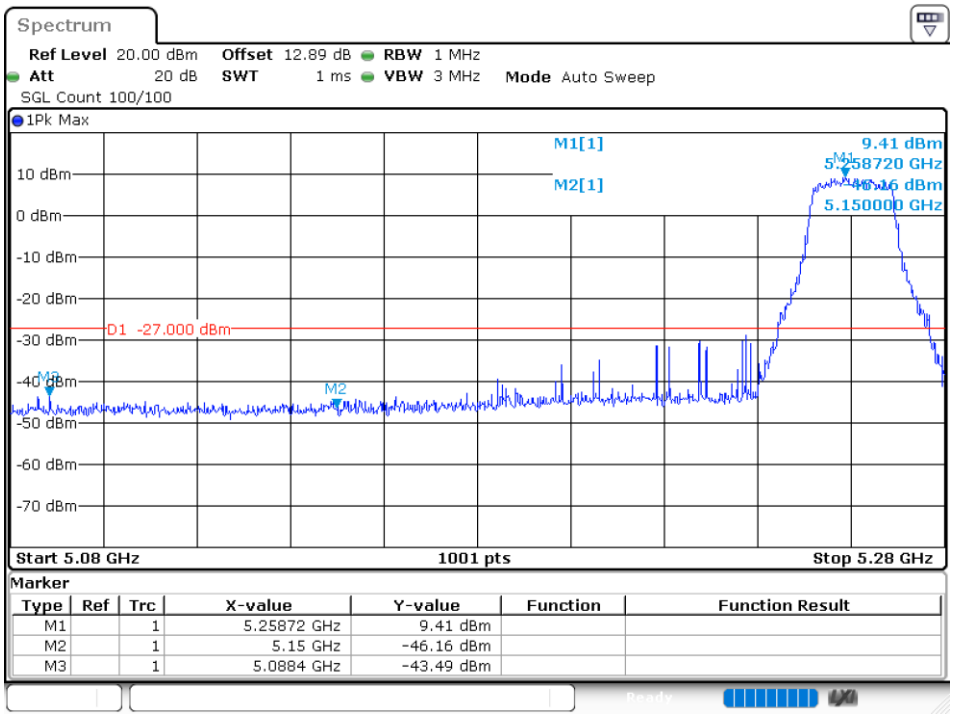
Band Edge NVNT a 5260MHz Low Ant1



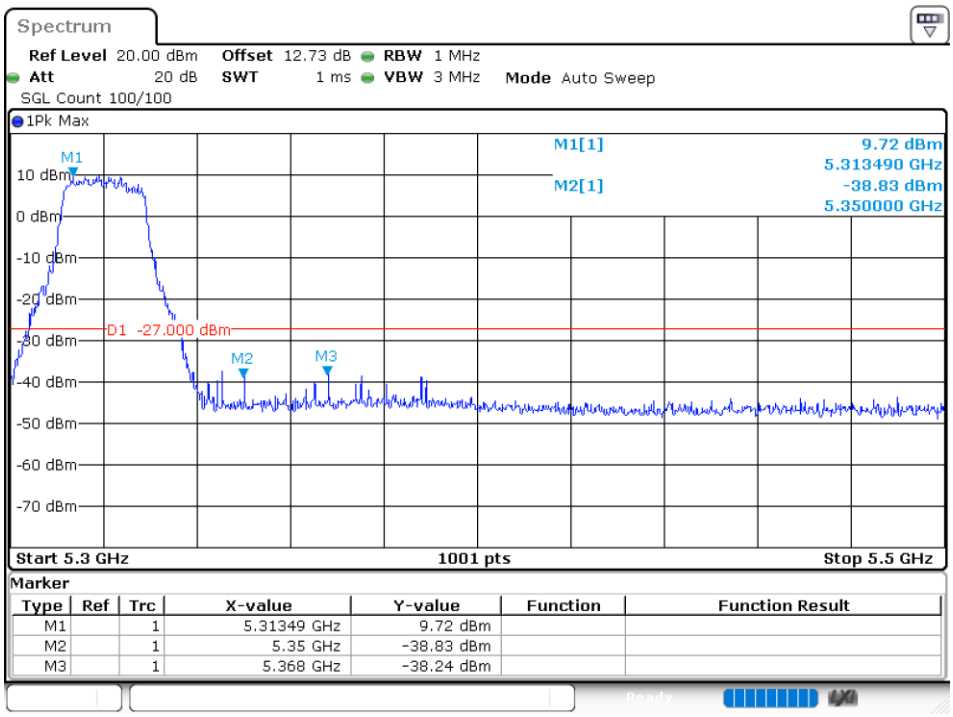
Band Edge NVNT a 5320MHz High Ant1



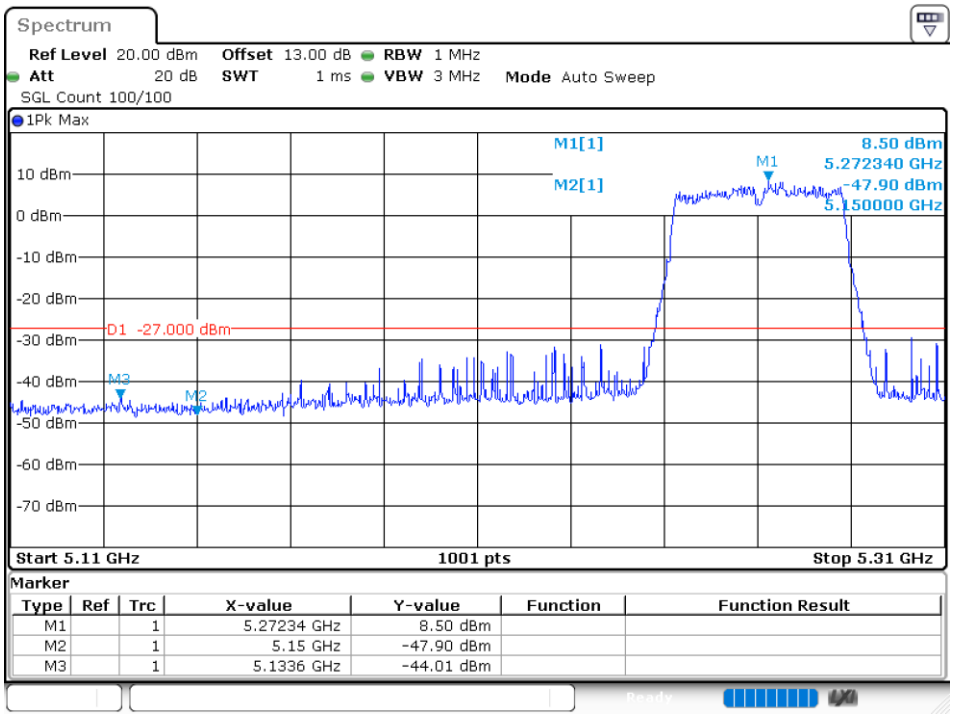
Band Edge NVNT n20 5260MHz Low Ant1



Band Edge NVNT n20 5320MHz High Ant1

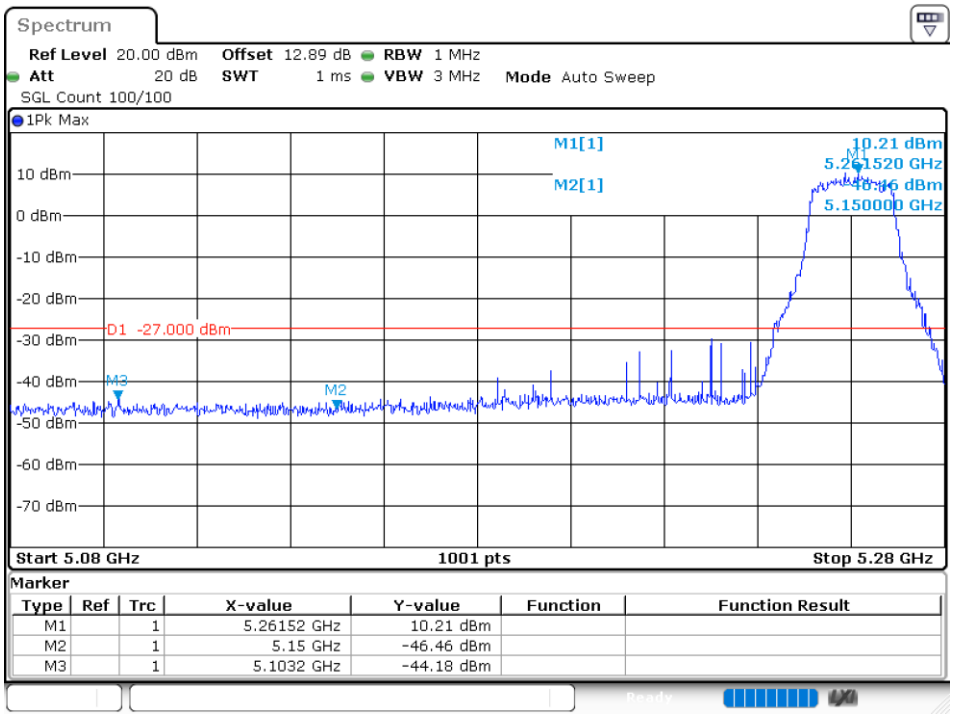


Band Edge NVNT n40 5270MHz Low Ant1

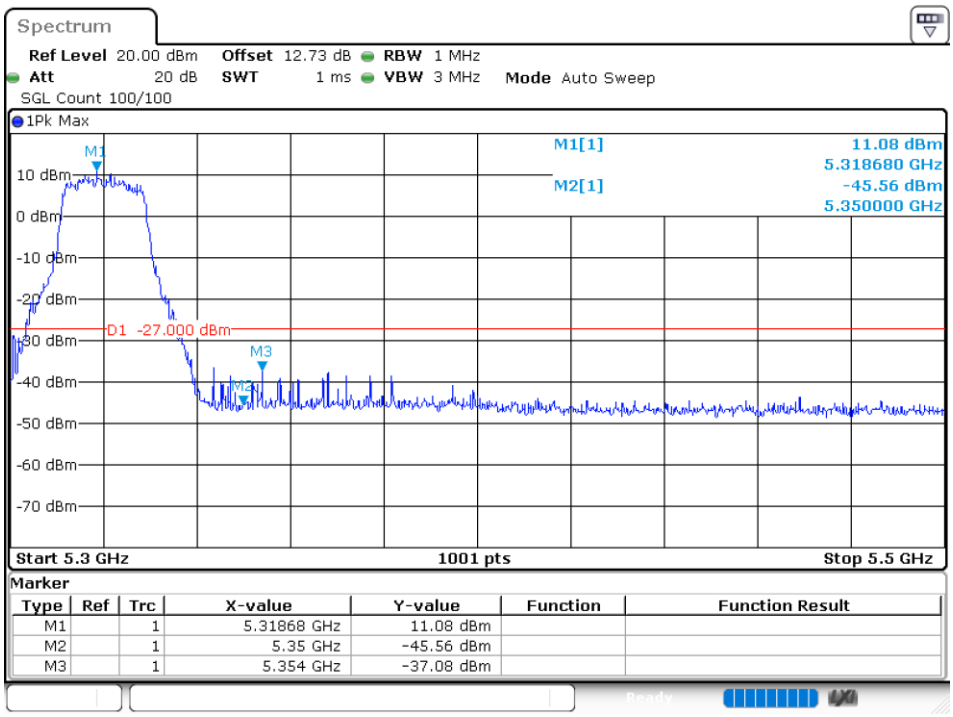


Band Edge NVNT n40 5310MHz High Ant1

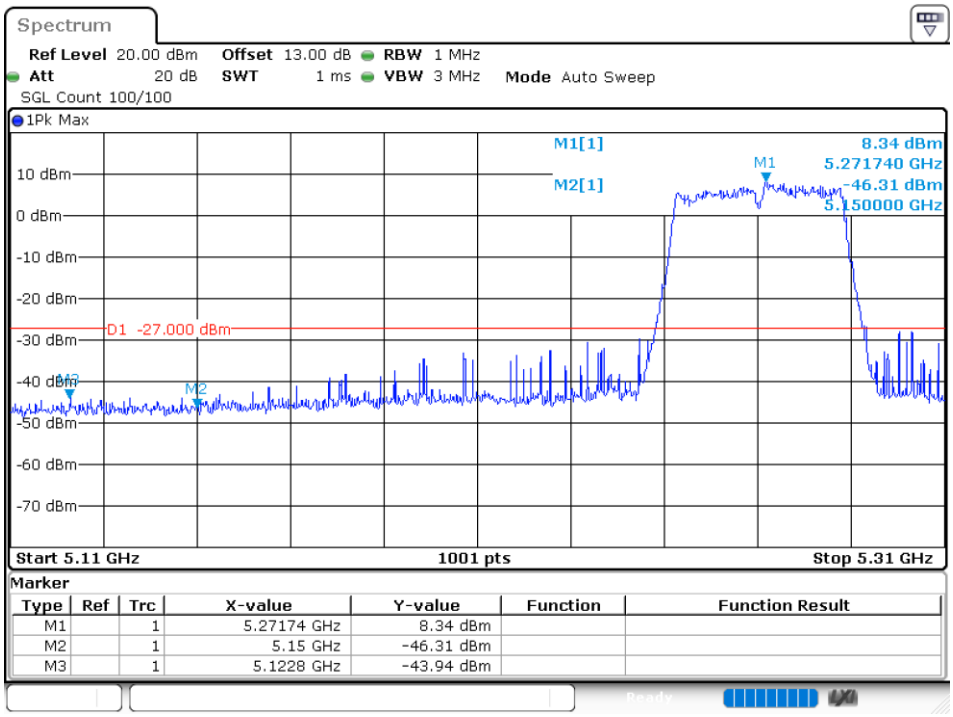
Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5320MHz High Ant1

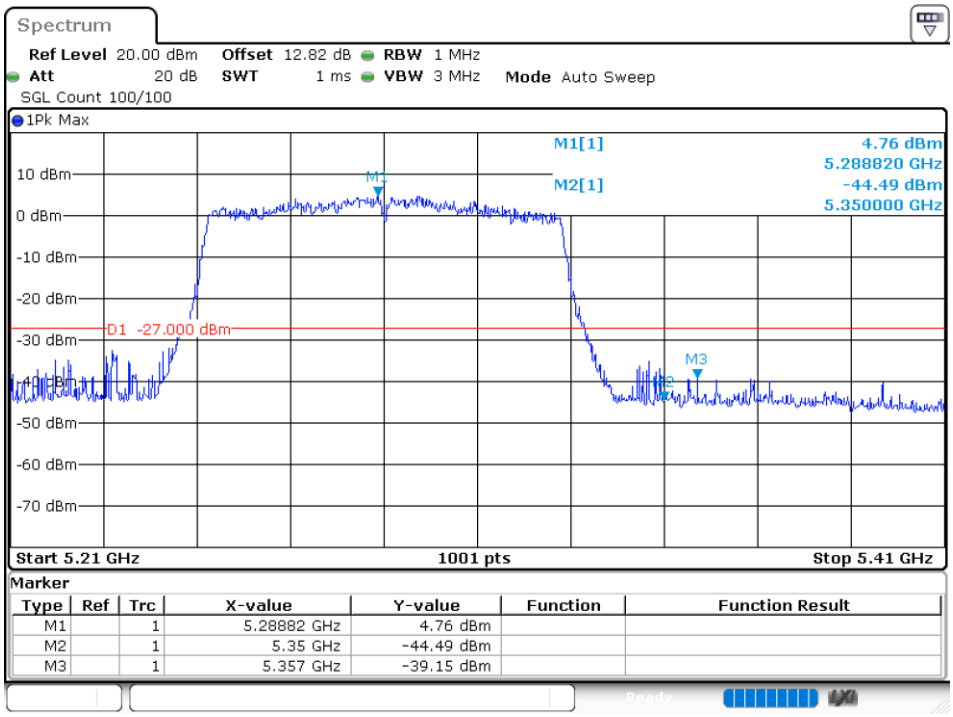


Band Edge NVNT ac40 5270MHz Low Ant1



Band Edge NVNT ac40 5310MHz High Ant1

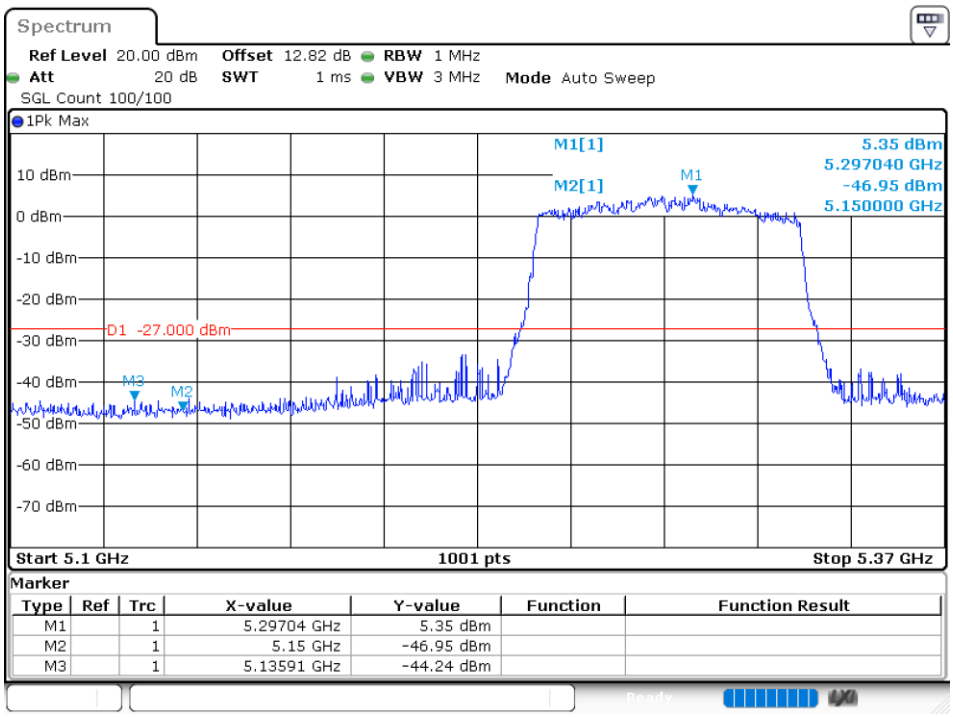
Band Edge NVNT ac80 5290MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.28882 GHz	4.76 dBm		
M2		1	5.35 GHz	-44.49 dBm		
M3		1	5.357 GHz	-39.15 dBm		

Band Edge NVNT ac80 5290MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.29704 GHz	5.35 dBm		
M2		1	5.15 GHz	-46.95 dBm		
M3		1	5.13591 GHz	-44.24 dBm		

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-34.47	-27	Pass
NVNT	a	5280	Ant1	-34.37	-27	Pass
NVNT	a	5320	Ant1	-34.78	-27	Pass
NVNT	n20	5260	Ant1	-34.62	-27	Pass
NVNT	n20	5280	Ant1	-33.38	-27	Pass
NVNT	n20	5320	Ant1	-33.87	-27	Pass
NVNT	n40	5270	Ant1	-33.66	-27	Pass
NVNT	n40	5310	Ant1	-34.81	-27	Pass
NVNT	ac20	5260	Ant1	-34.59	-27	Pass
NVNT	ac20	5280	Ant1	-33.98	-27	Pass
NVNT	ac20	5320	Ant1	-34.76	-27	Pass
NVNT	ac40	5270	Ant1	-34.9	-27	Pass
NVNT	ac40	5310	Ant1	-34.52	-27	Pass
NVNT	ac80	5290	Ant1	-33.7	-27	Pass