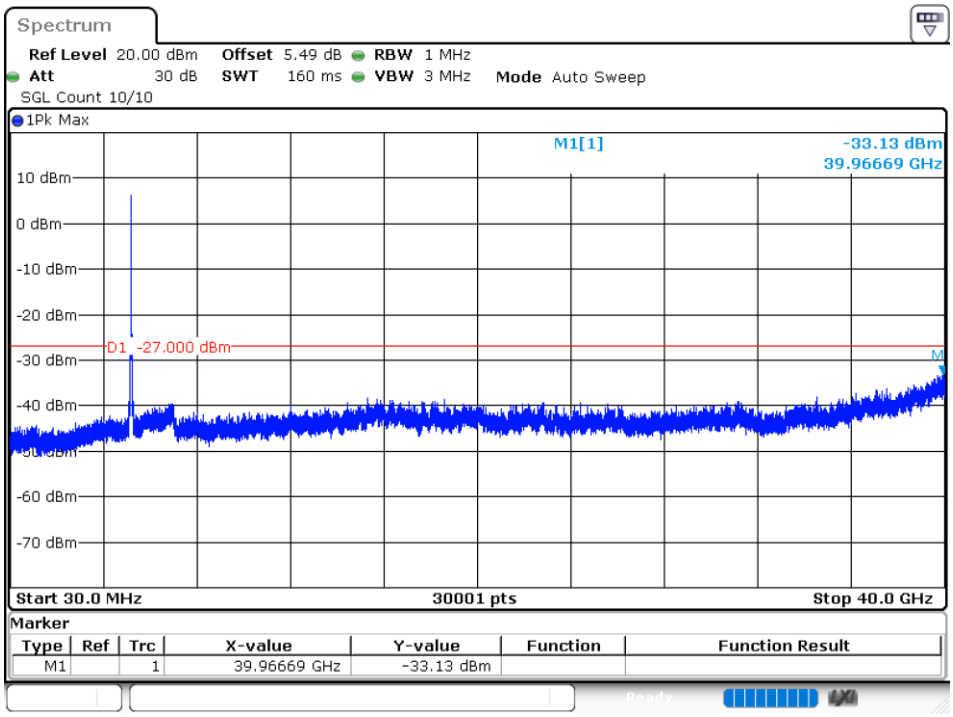
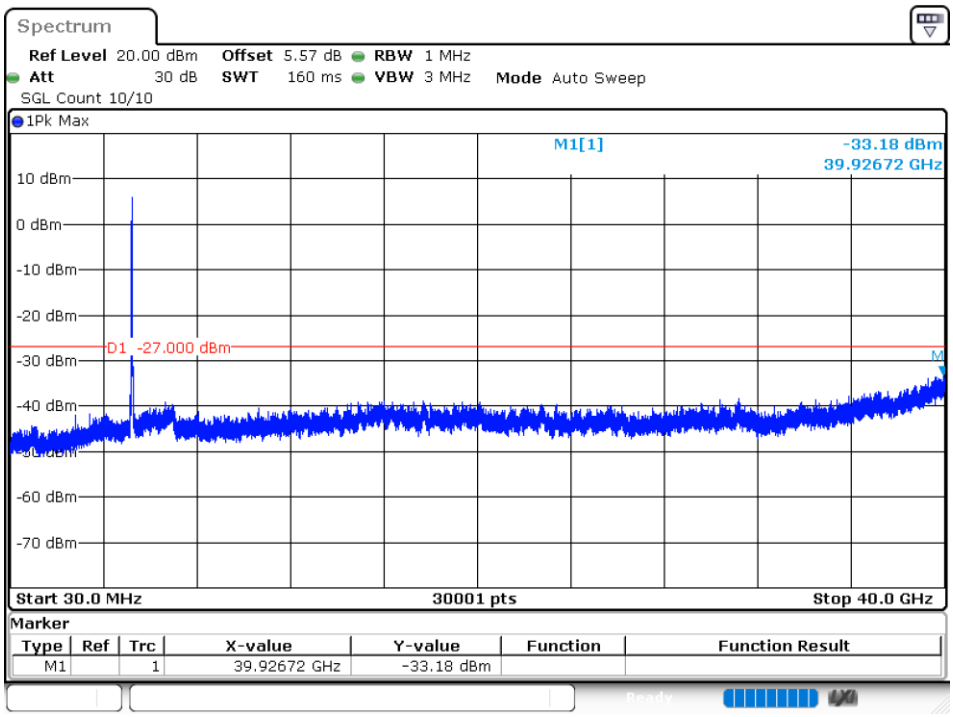
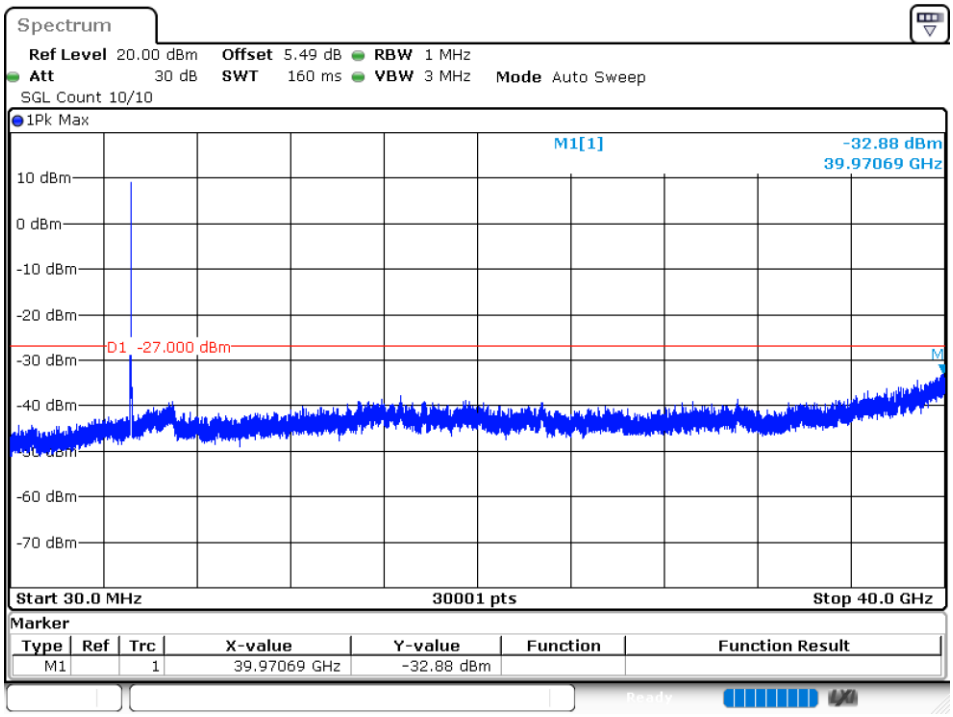
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



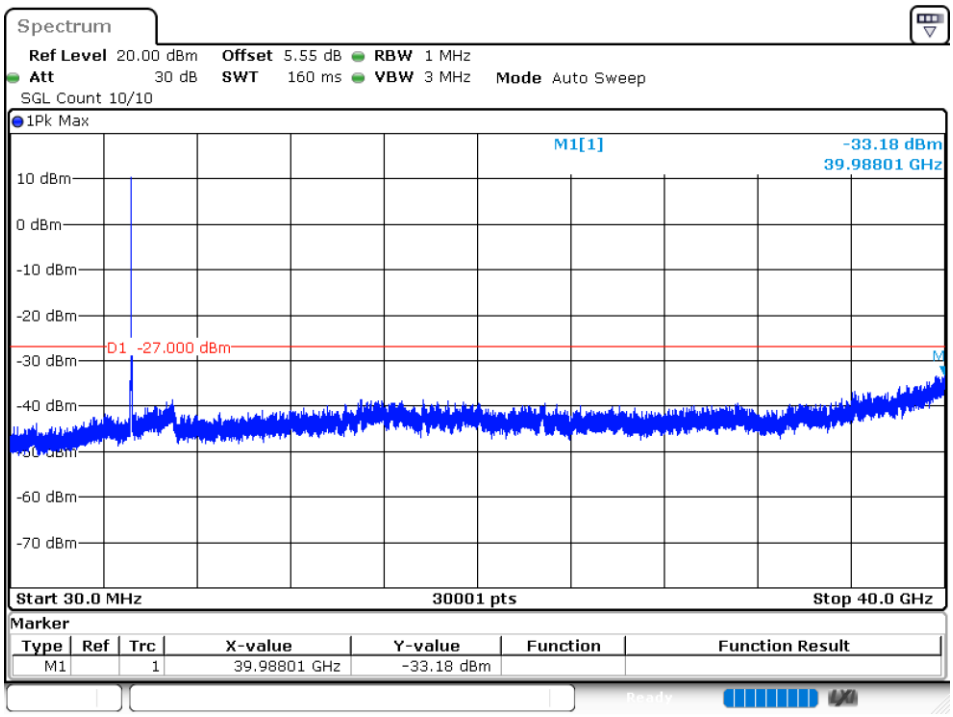
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



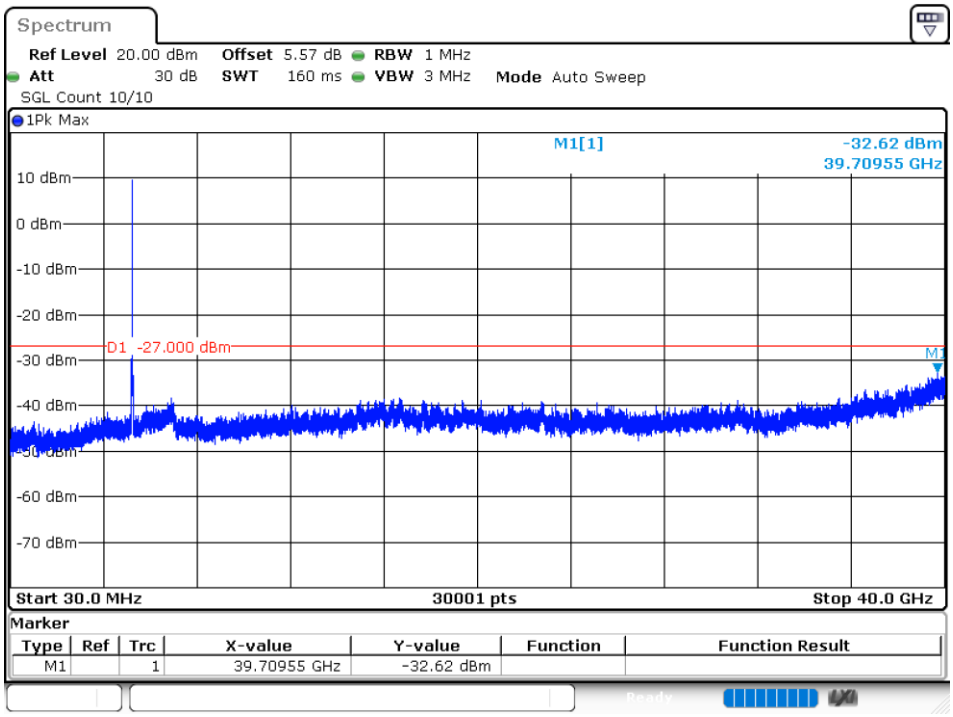
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



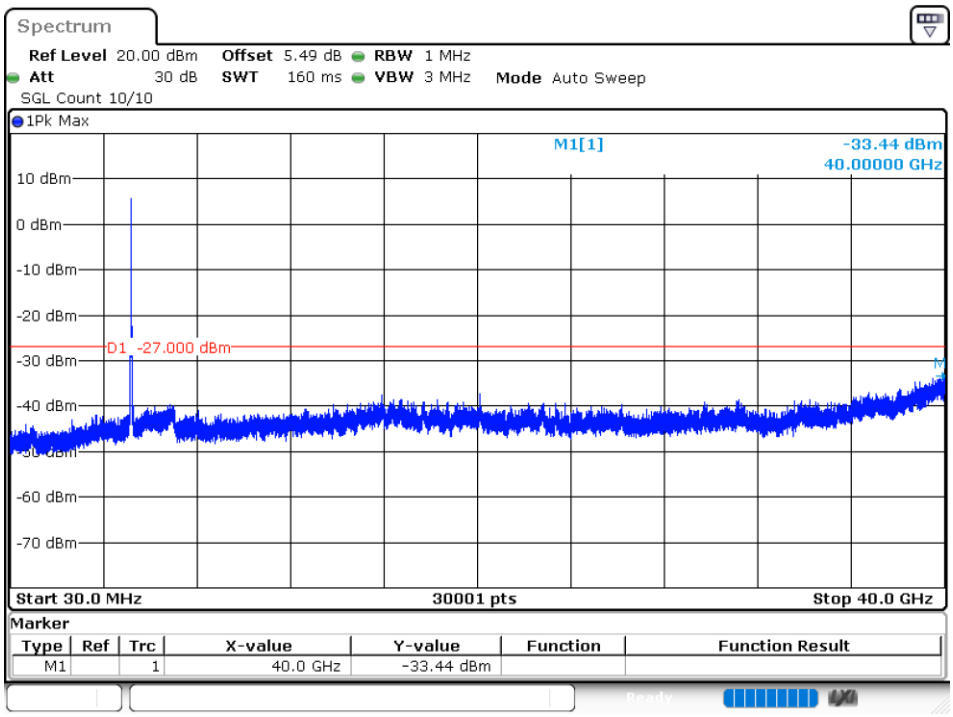
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



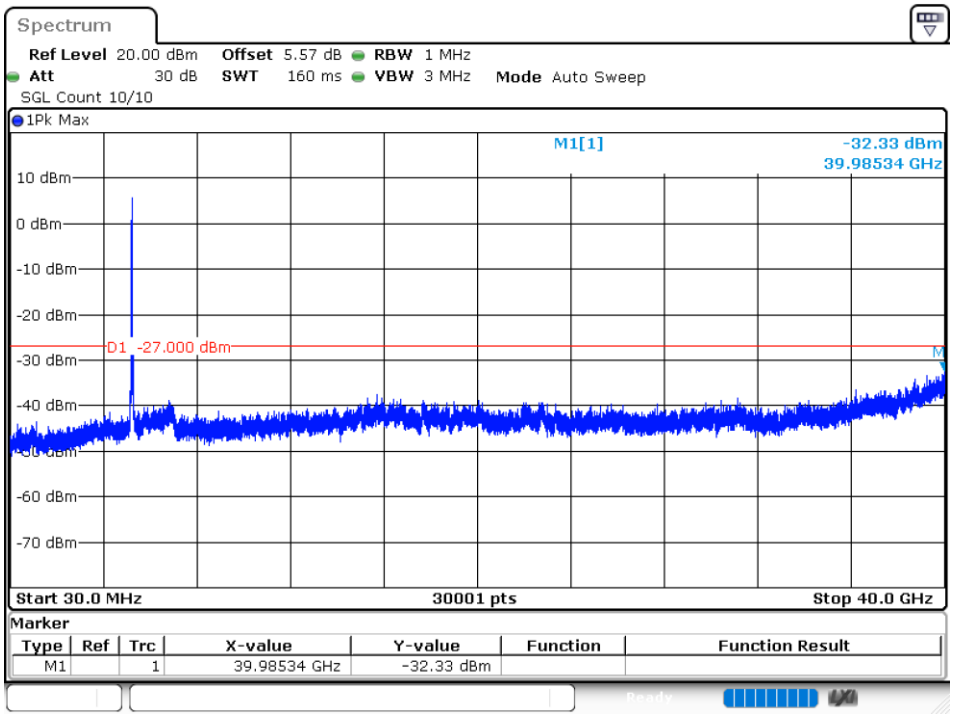
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



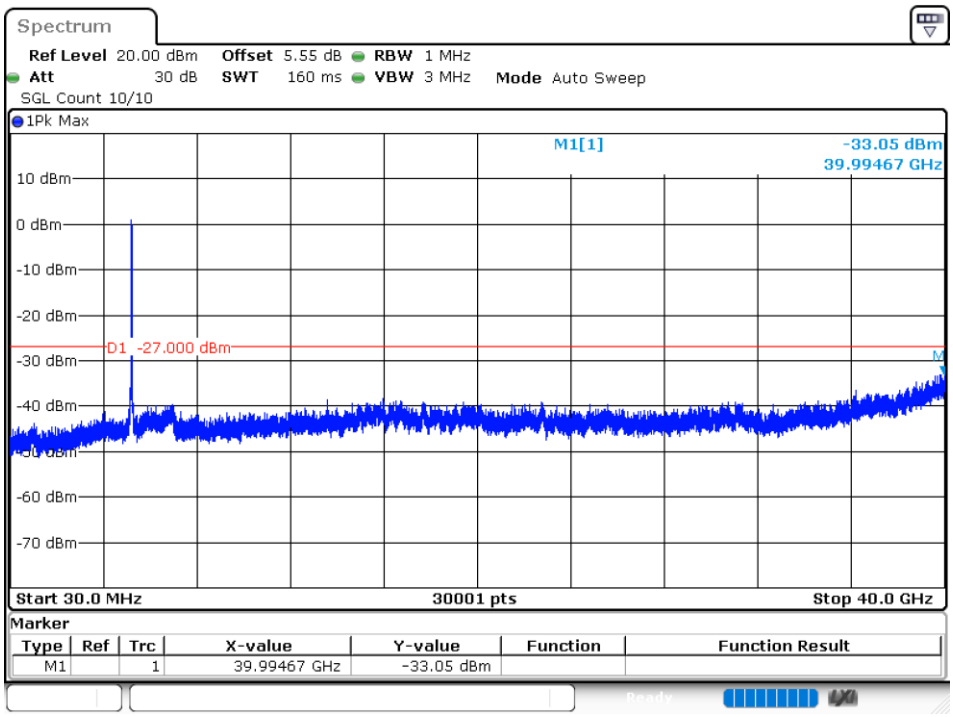
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



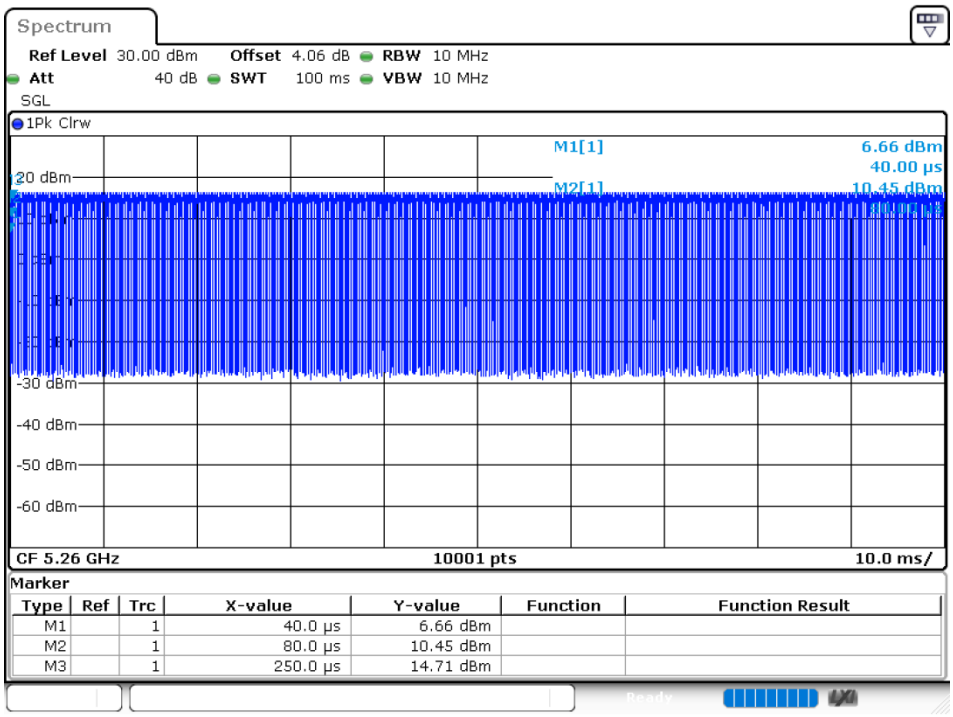
5.3G

Duty Cycle

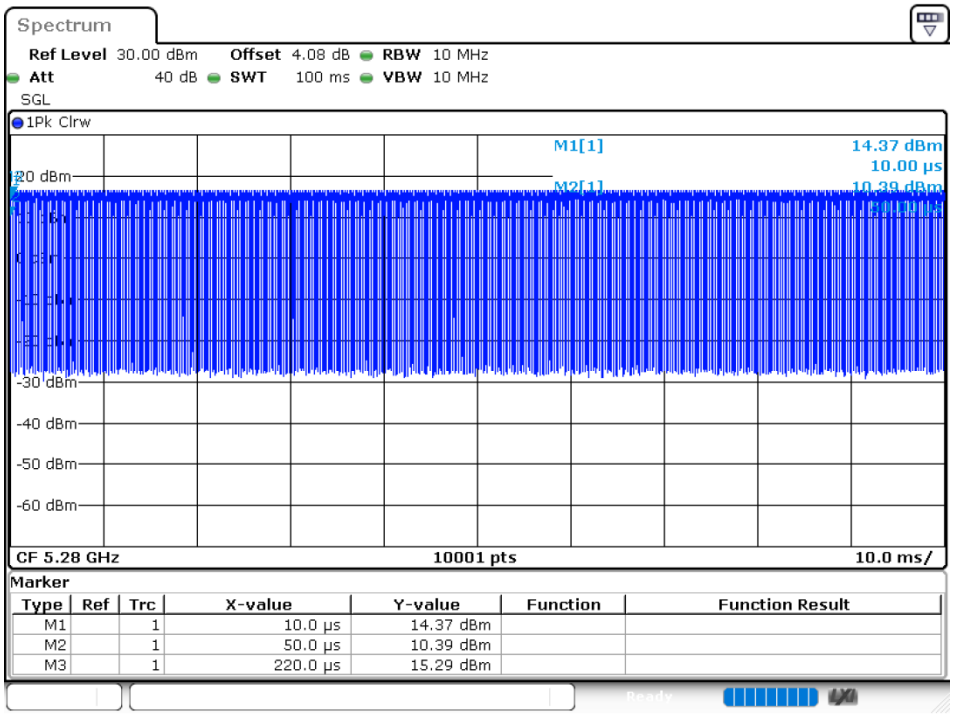
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	85.28	0.69	5.88
NVNT	a	5280	Ant1	85.29	0.69	5.88
NVNT	a	5320	Ant1	85.29	0.69	5.56
NVNT	n20	5260	Ant1	84.48	0.73	5.88
NVNT	n20	5280	Ant1	84.45	0.73	6.25
NVNT	n20	5320	Ant1	84.49	0.73	6.25
NVNT	n40	5270	Ant1	77.53	1.11	10
NVNT	n40	5310	Ant1	77.54	1.1	10
NVNT	ac20	5260	Ant1	84.83	0.71	6.25
NVNT	ac20	5280	Ant1	84.84	0.71	5.88
NVNT	ac20	5320	Ant1	84.81	0.72	5.88
NVNT	ac40	5270	Ant1	76.37	1.17	11.11
NVNT	ac40	5310	Ant1	76.4	1.17	11.11
NVNT	ac80	5290	Ant1	61.47	2.11	16.67

Test Graphs

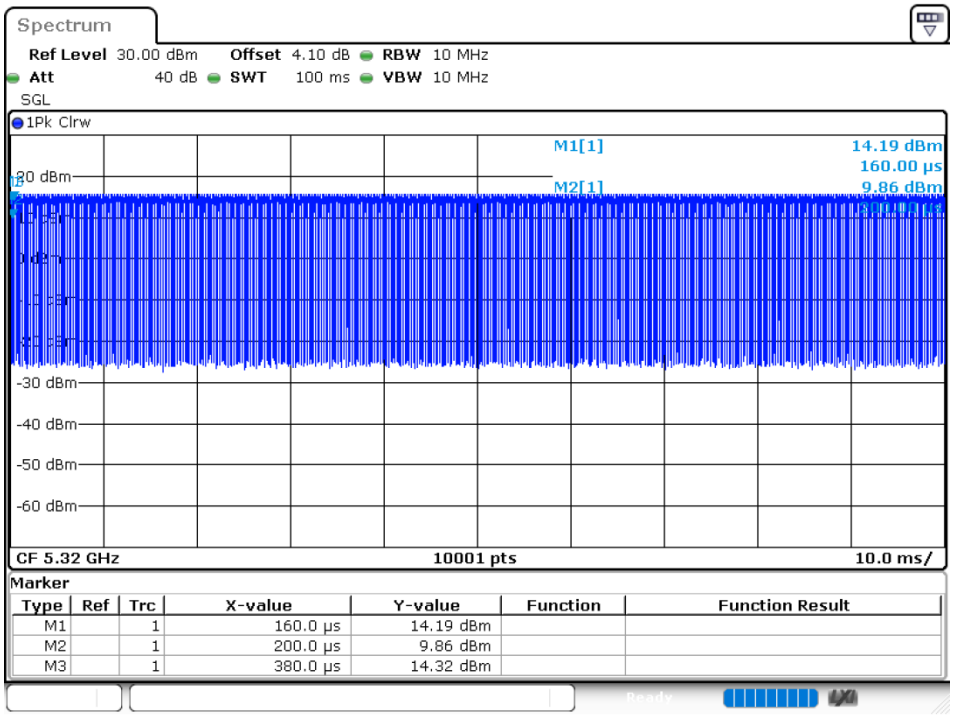
Duty Cycle NVNT a 5260MHz Ant1



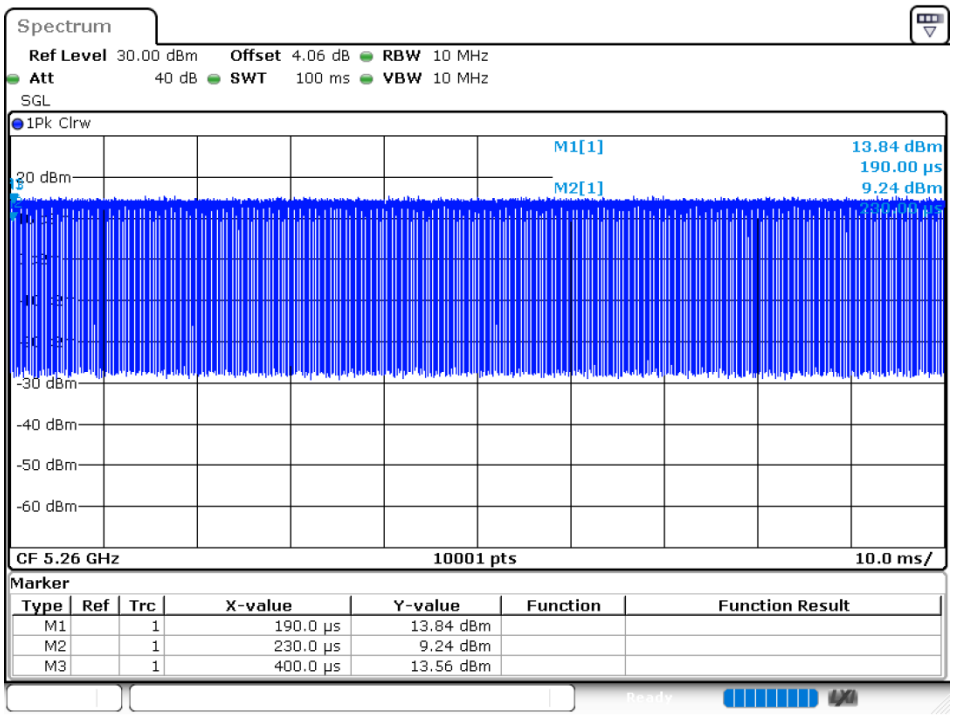
Duty Cycle NVNT a 5280MHz Ant1



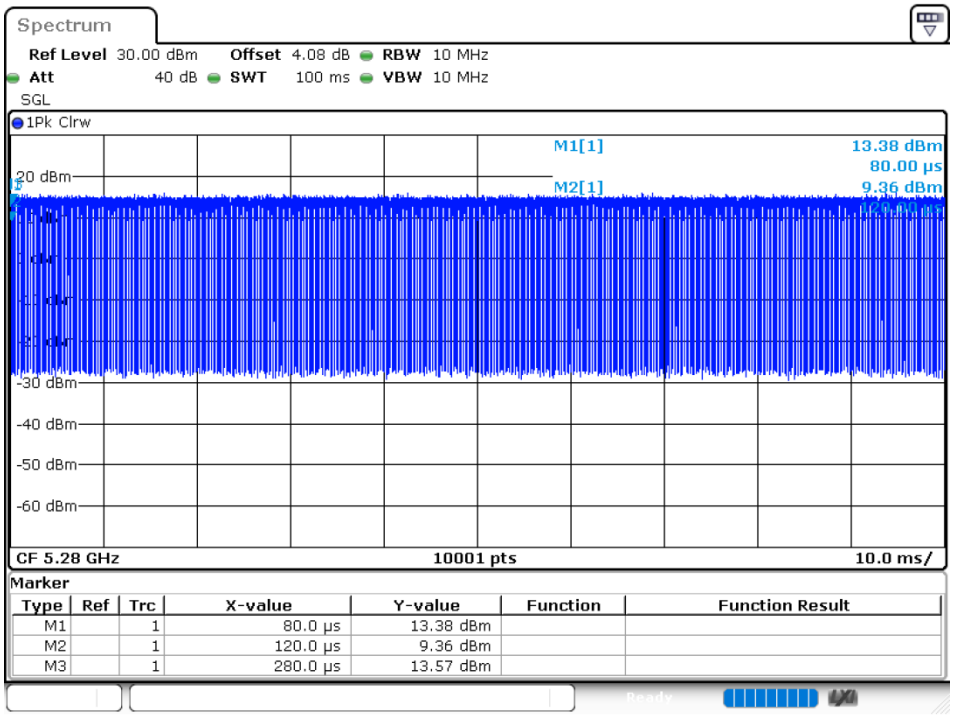
Duty Cycle NVNT a 5320MHz Ant1



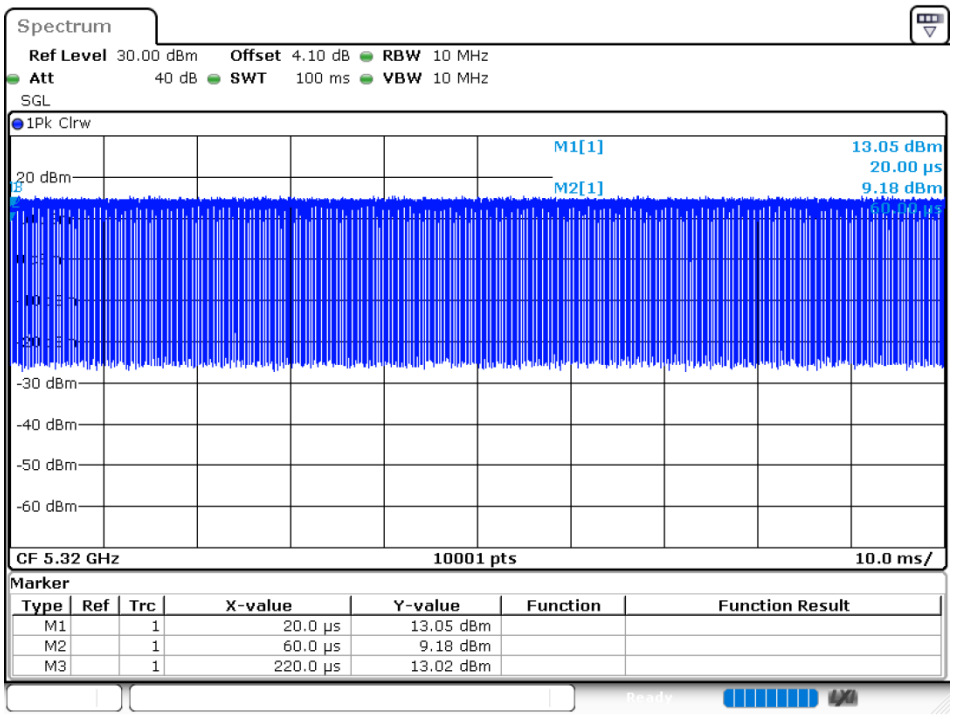
Duty Cycle NVNT n20 5260MHz Ant1



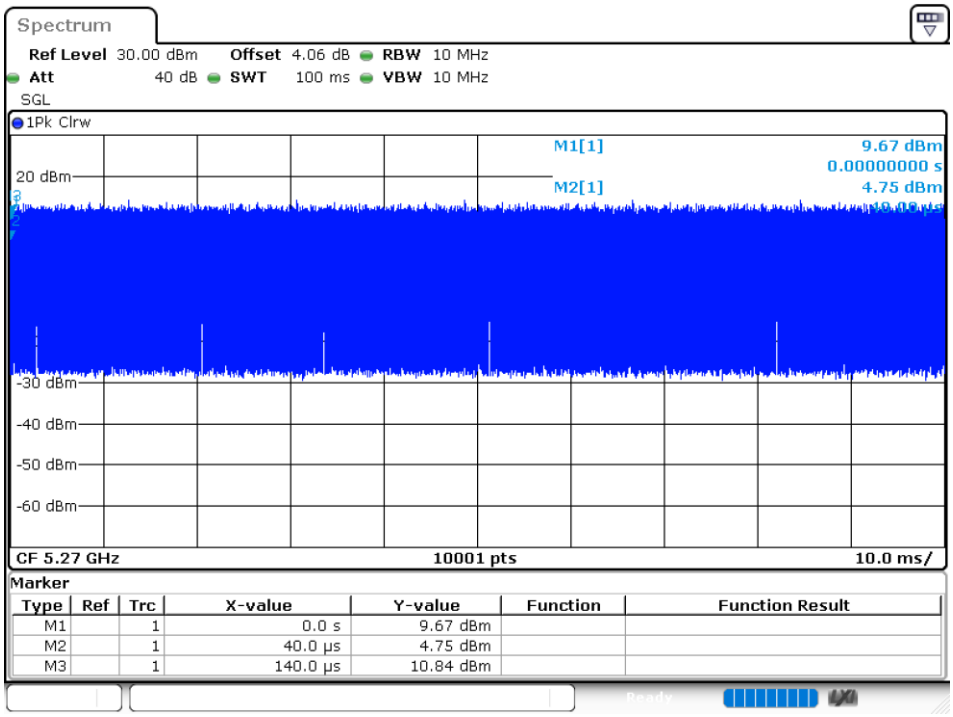
Duty Cycle NVNT n20 5280MHz Ant1



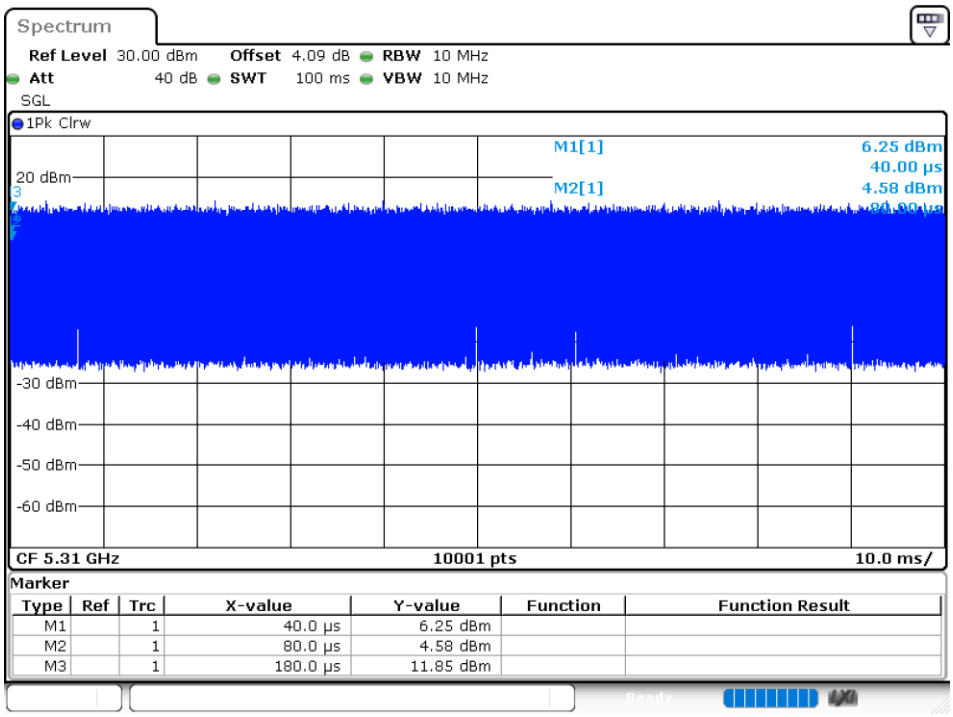
Duty Cycle NVNT n20 5320MHz Ant1



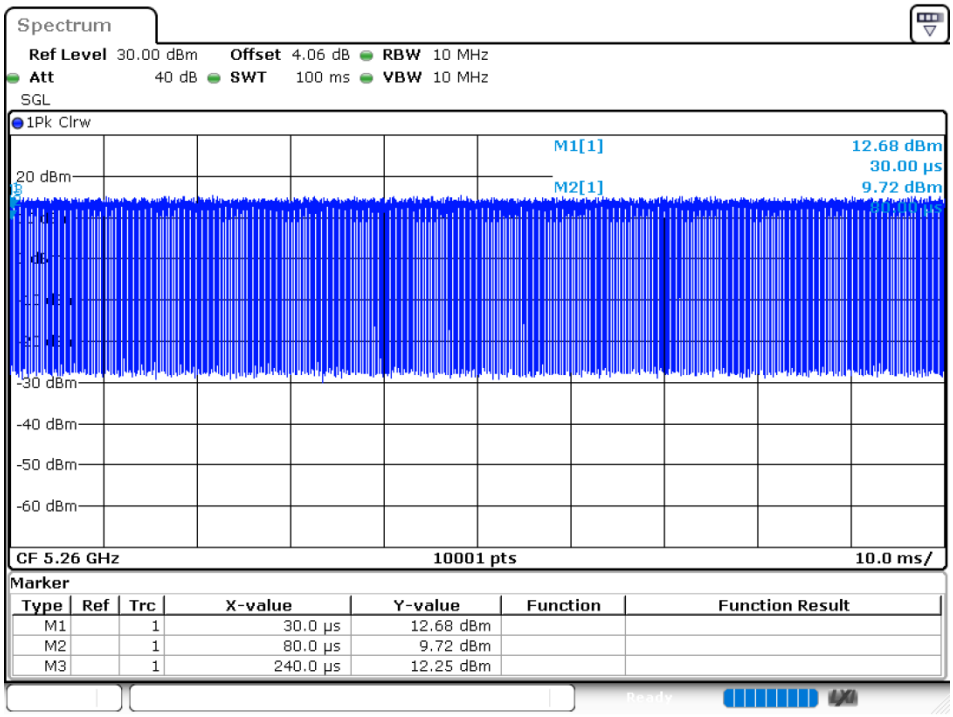
Duty Cycle NVNT n40 5270MHz Ant1



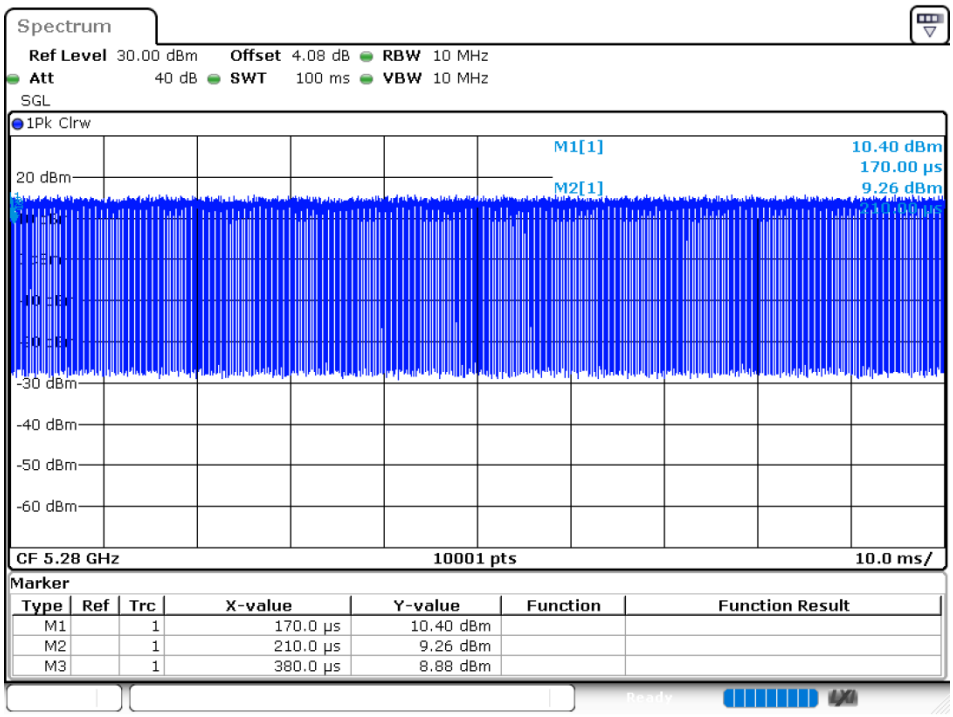
Duty Cycle NVNT n40 5310MHz Ant1



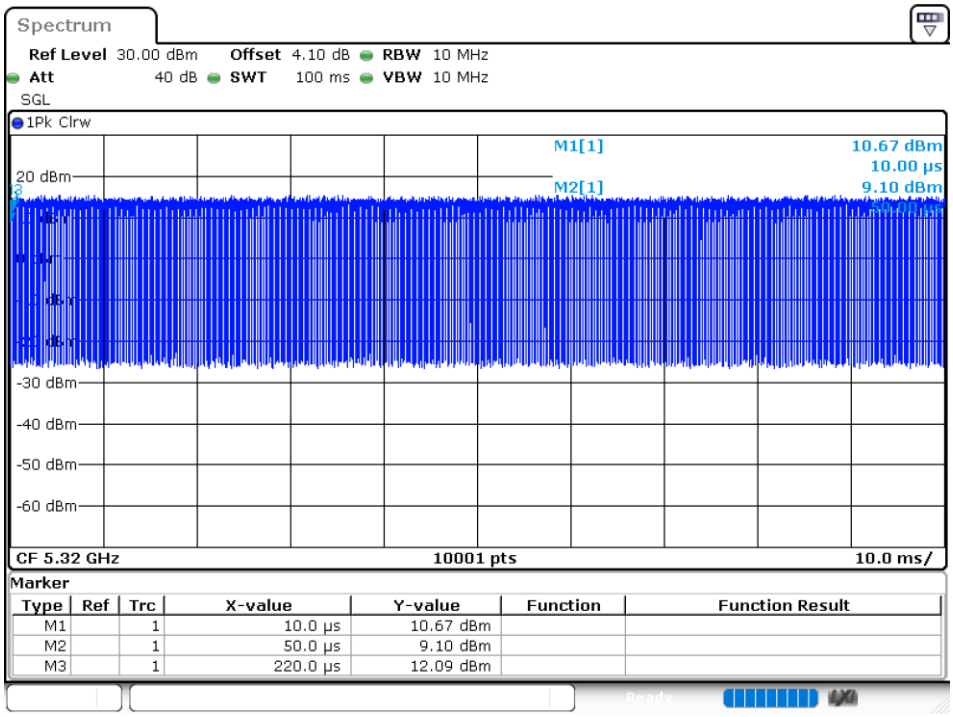
Duty Cycle NVNT ac20 5260MHz Ant1



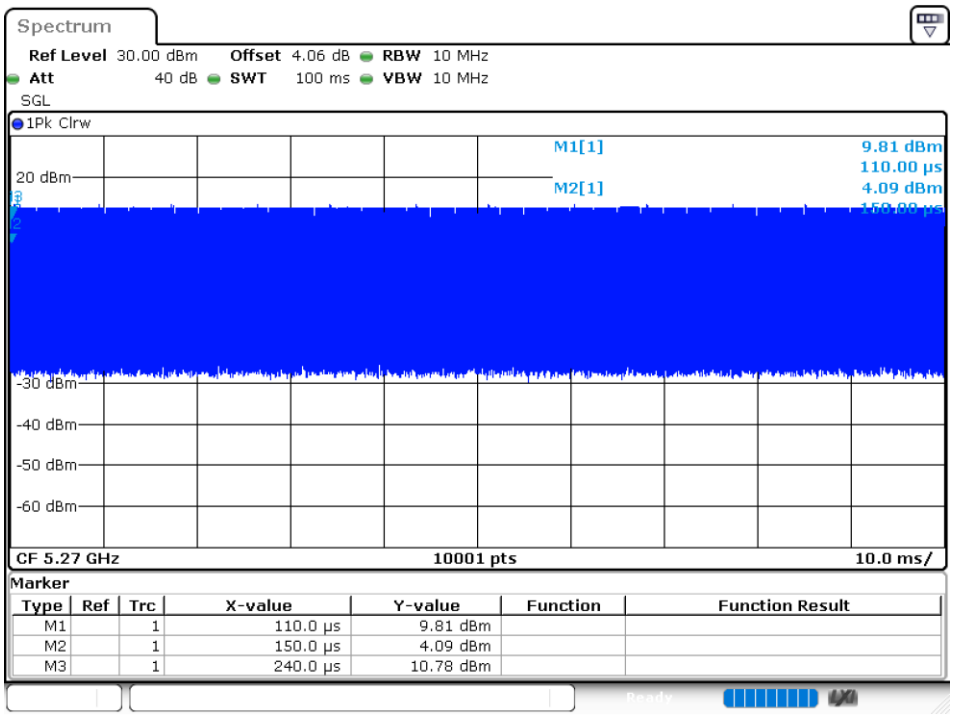
Duty Cycle NVNT ac20 5280MHz Ant1



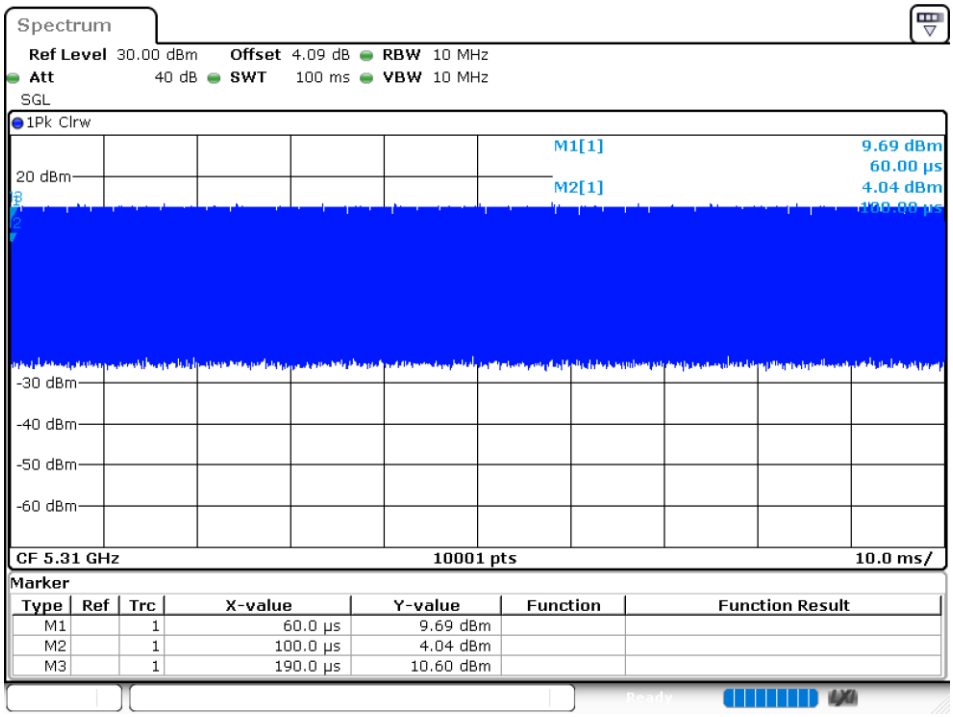
Duty Cycle NVNT ac20 5320MHz Ant1



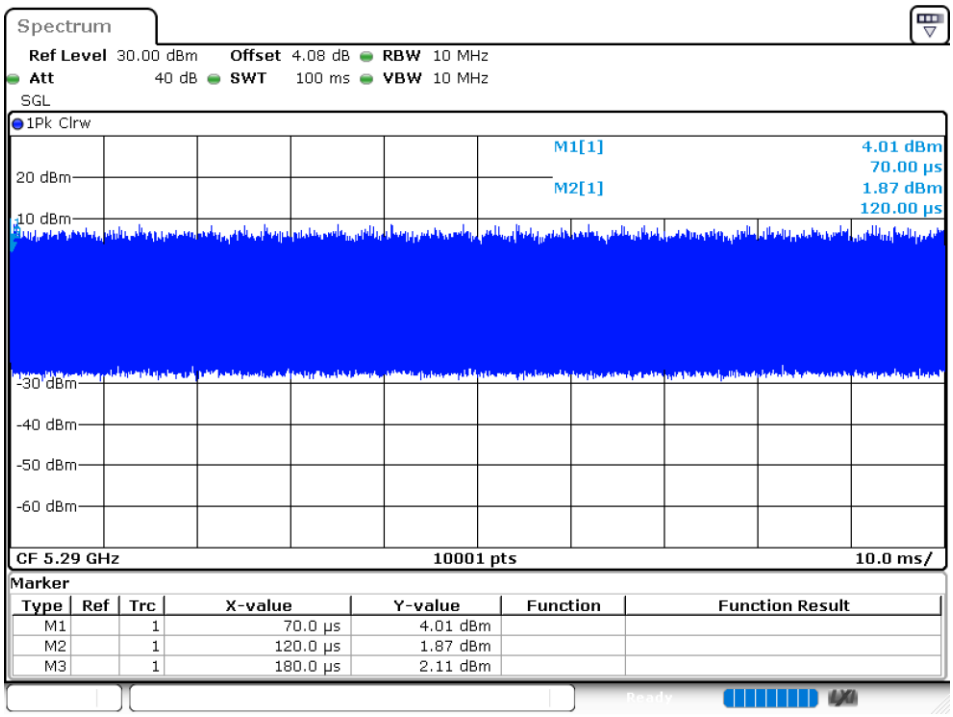
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

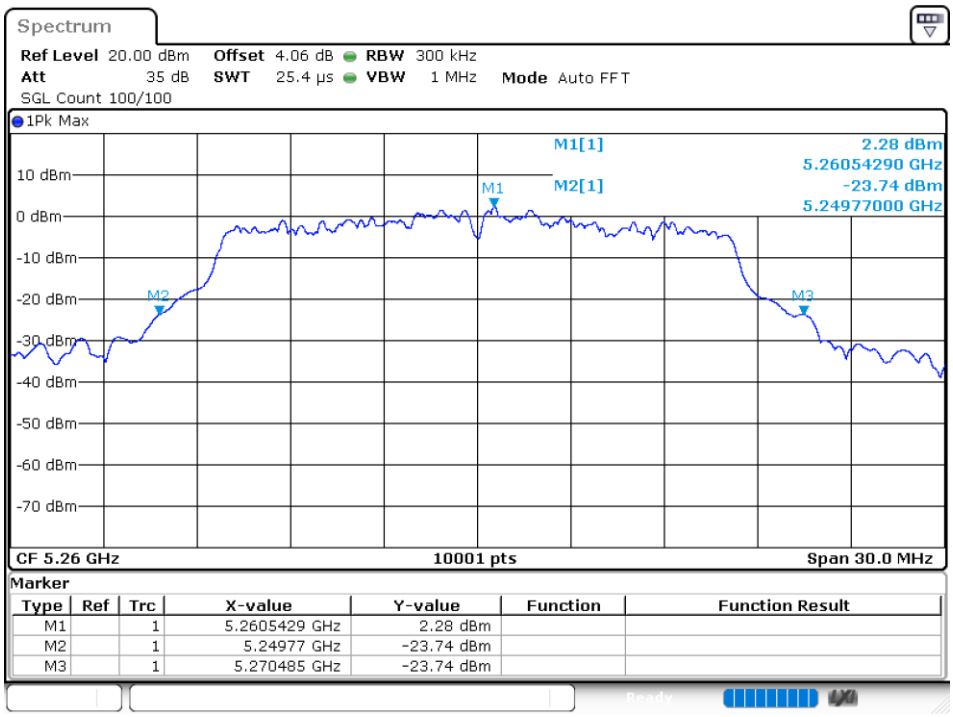
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.73	24	Pass
NVNT	a	5280	Ant1	10.22	24	Pass
NVNT	a	5320	Ant1	10.5	24	Pass
NVNT	n20	5260	Ant1	8.82	24	Pass
NVNT	n20	5280	Ant1	9.05	24	Pass
NVNT	n20	5320	Ant1	9.31	24	Pass
NVNT	n40	5270	Ant1	8.65	24	Pass
NVNT	n40	5310	Ant1	8.84	24	Pass
NVNT	ac20	5260	Ant1	8.96	24	Pass
NVNT	ac20	5280	Ant1	9.15	24	Pass
NVNT	ac20	5320	Ant1	9.23	24	Pass
NVNT	ac40	5270	Ant1	7.97	24	Pass
NVNT	ac40	5310	Ant1	8.19	24	Pass
NVNT	ac80	5290	Ant1	10.93	24	Pass

-26dB Bandwidth

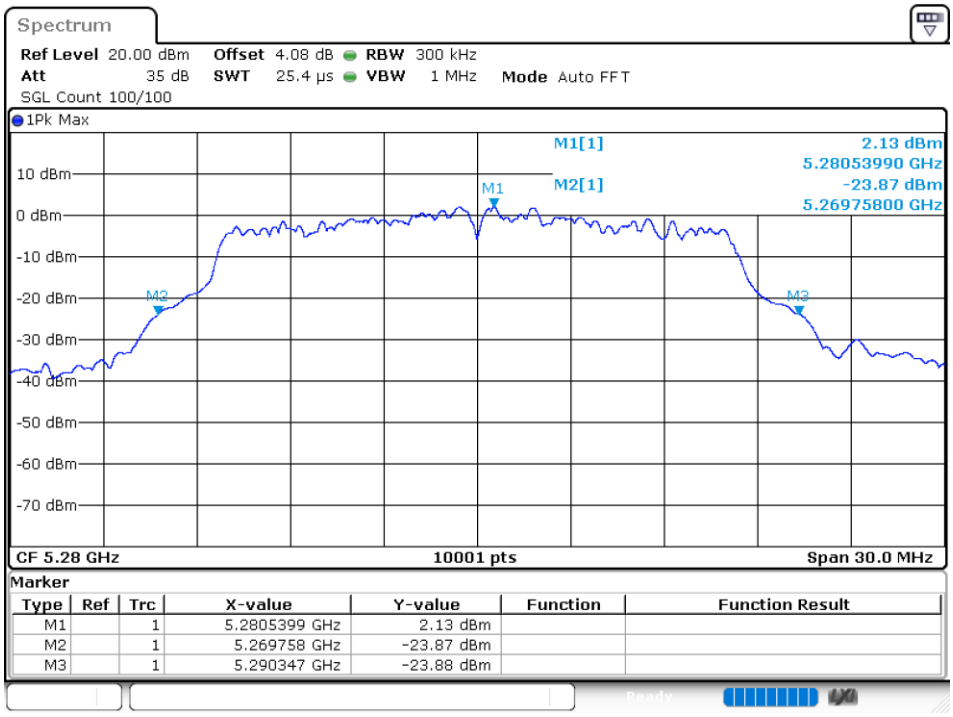
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.715	Pass
NVNT	a	5280	Ant1	20.589	Pass
NVNT	a	5320	Ant1	20.469	Pass
NVNT	n20	5260	Ant1	20.913	Pass
NVNT	n20	5280	Ant1	20.499	Pass
NVNT	n20	5320	Ant1	21.255	Pass
NVNT	n40	5270	Ant1	39.36	Pass
NVNT	n40	5310	Ant1	39.306	Pass
NVNT	ac20	5260	Ant1	20.97	Pass
NVNT	ac20	5280	Ant1	20.451	Pass
NVNT	ac20	5320	Ant1	21.036	Pass
NVNT	ac40	5270	Ant1	40.008	Pass
NVNT	ac40	5310	Ant1	40.116	Pass
NVNT	ac80	5290	Ant1	80.7	Pass

Test Graphs

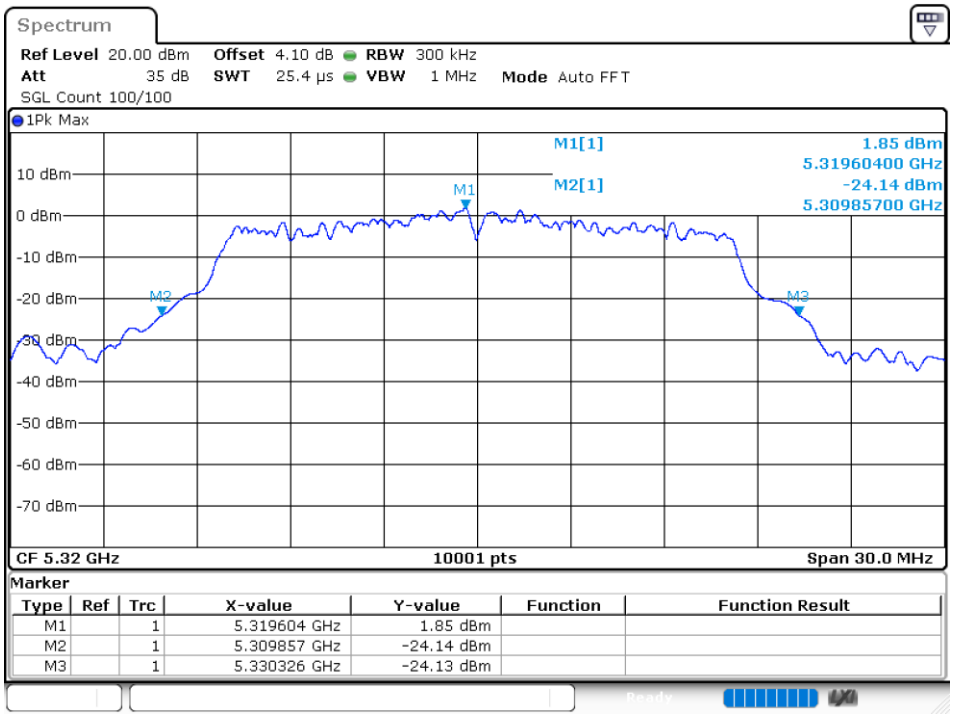
-26dB Bandwidth NVNT a 5260MHz Ant1



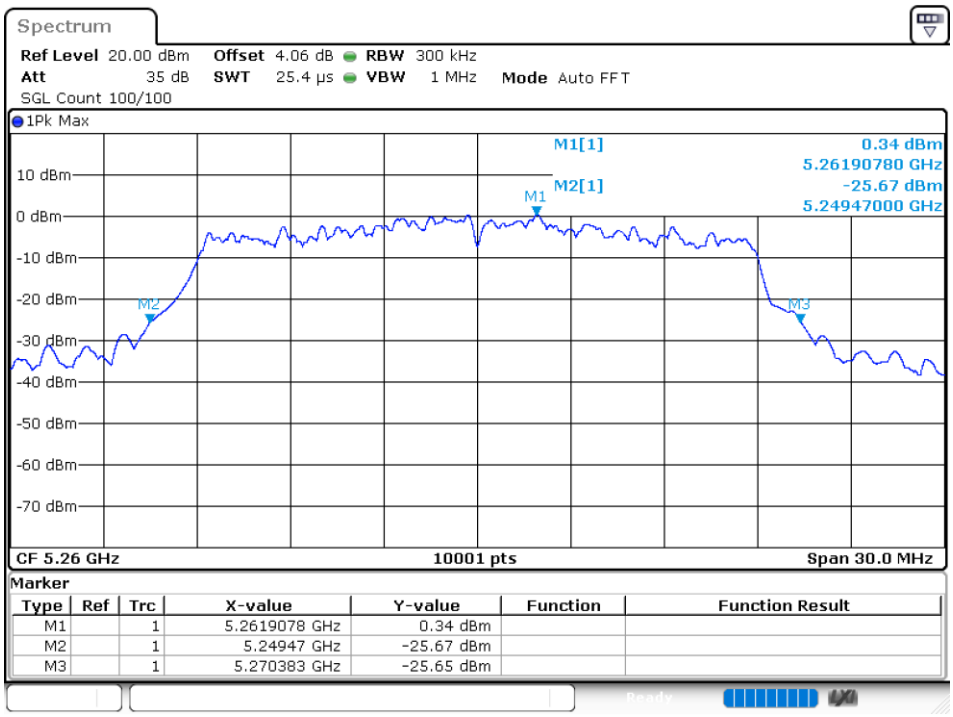
-26dB Bandwidth NVNT a 5280MHz Ant1



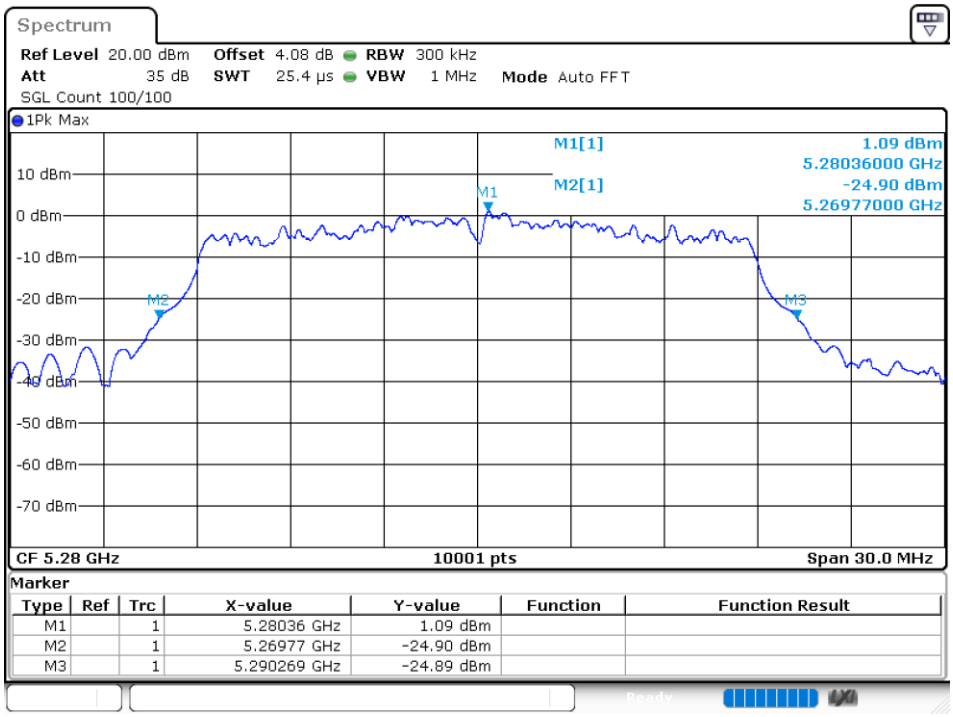
-26dB Bandwidth NVNT a 5320MHz Ant1



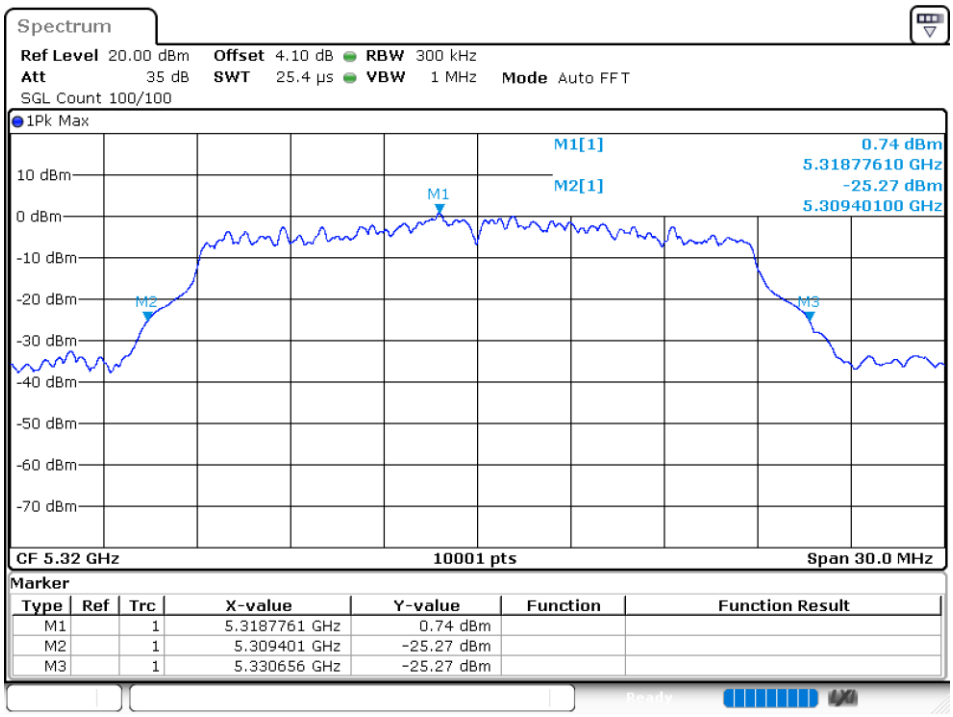
-26dB Bandwidth NVNT n20 5260MHz Ant1



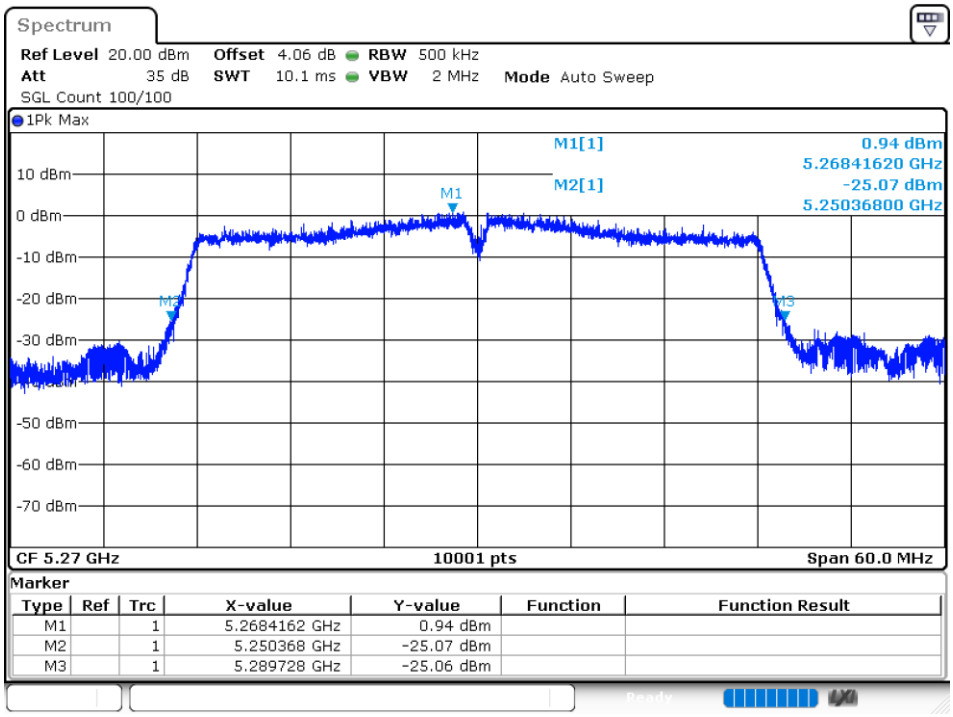
-26dB Bandwidth NVNT n20 5280MHz Ant1



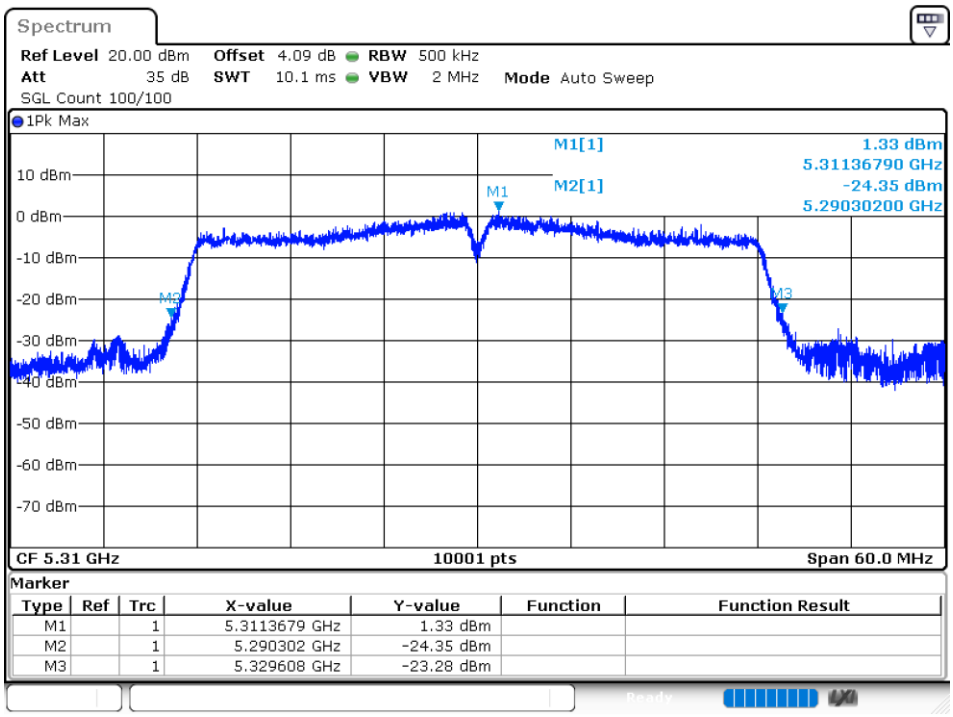
-26dB Bandwidth NVNT n20 5320MHz Ant1



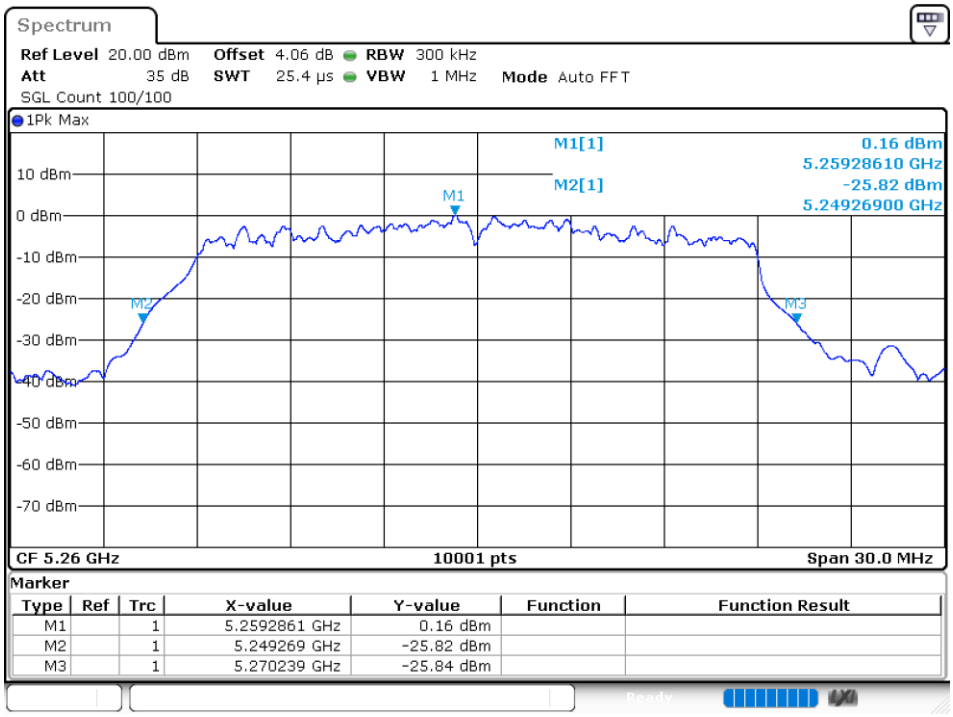
-26dB Bandwidth NVNT n40 5270MHz Ant1



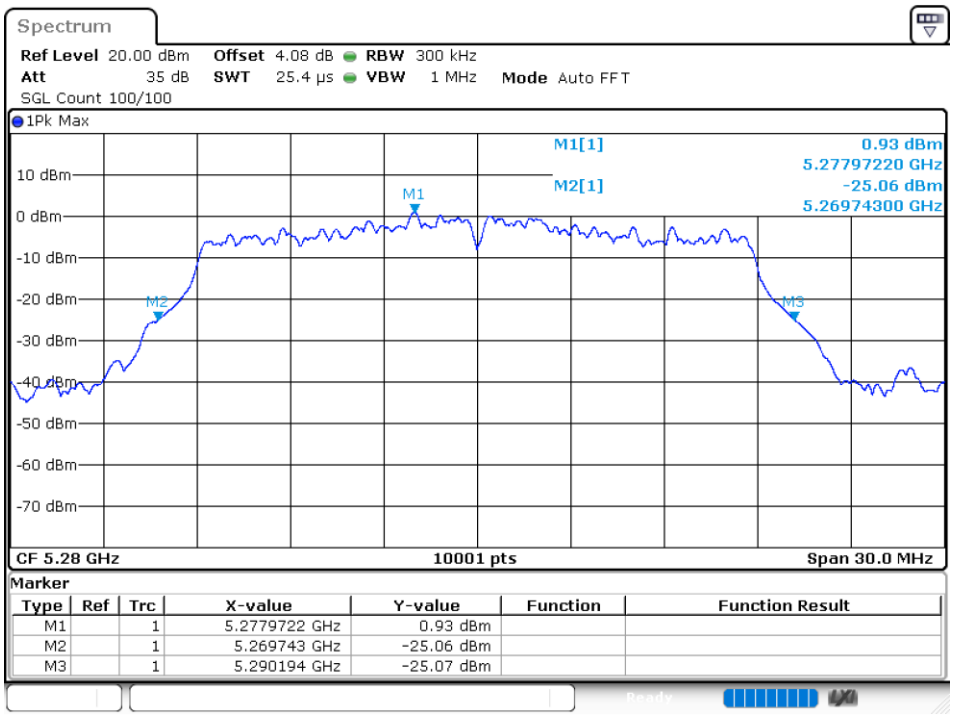
-26dB Bandwidth NVNT n40 5310MHz Ant1



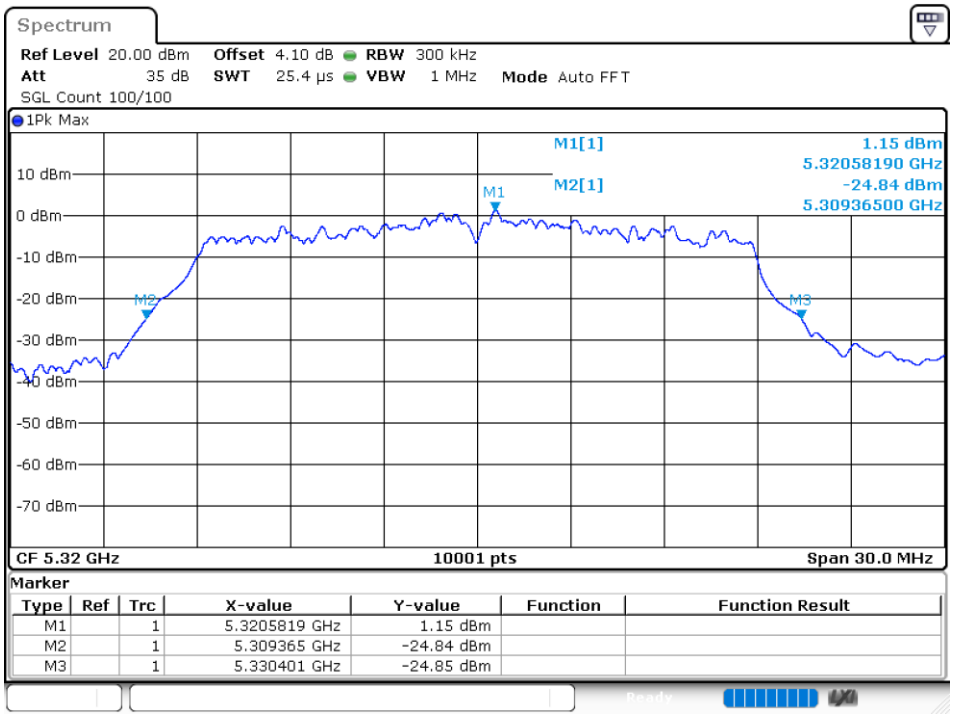
-26dB Bandwidth NVNT ac20 5260MHz Ant1



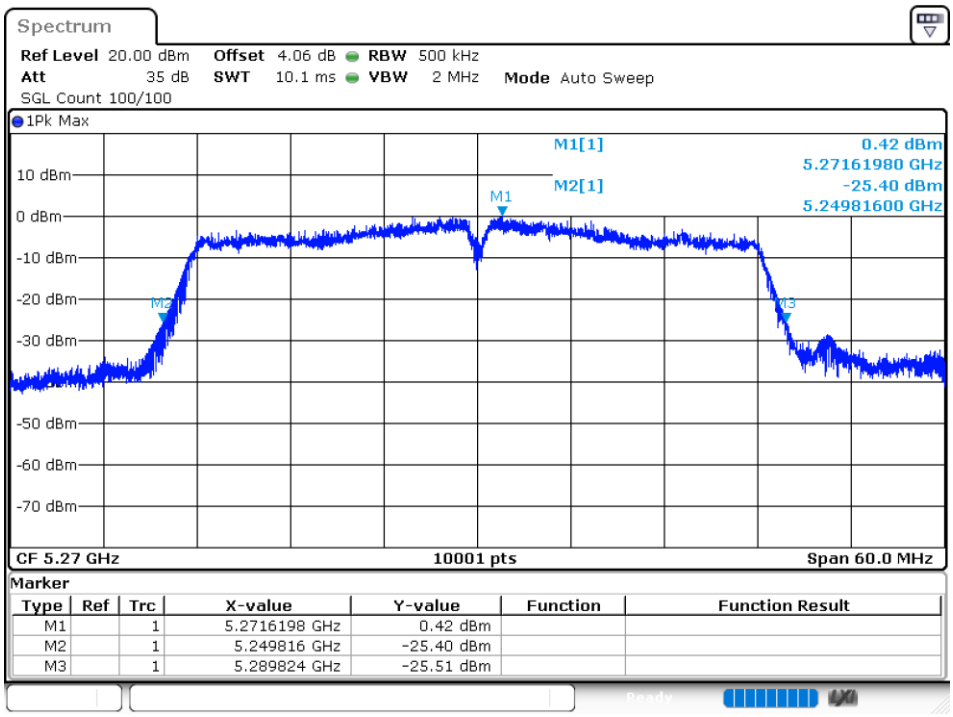
-26dB Bandwidth NVNT ac20 5280MHz Ant1



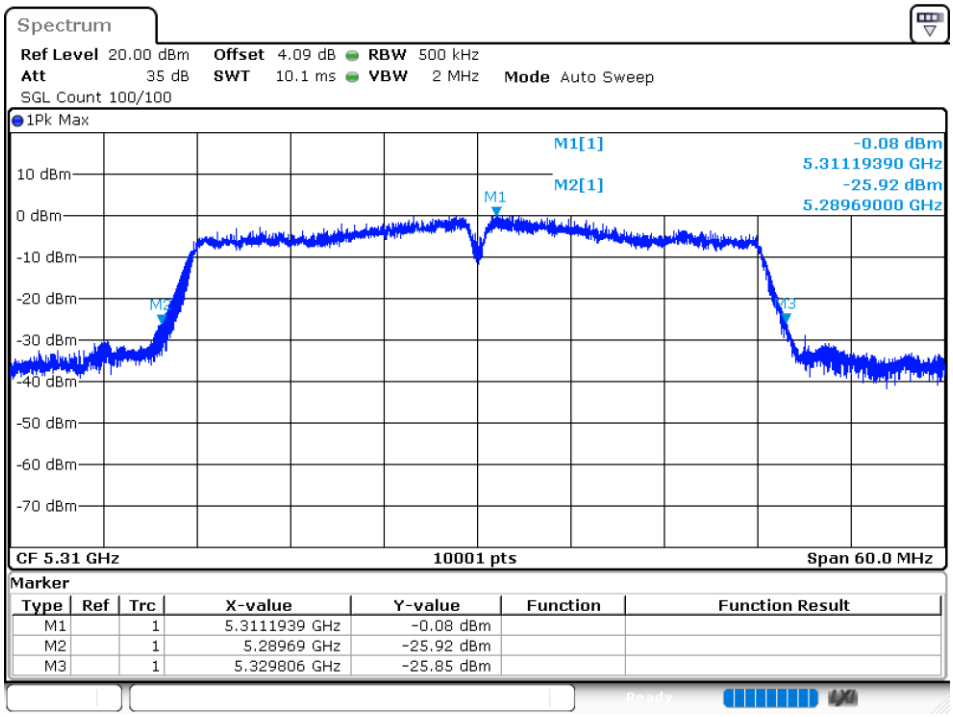
-26dB Bandwidth NVNT ac20 5320MHz Ant1



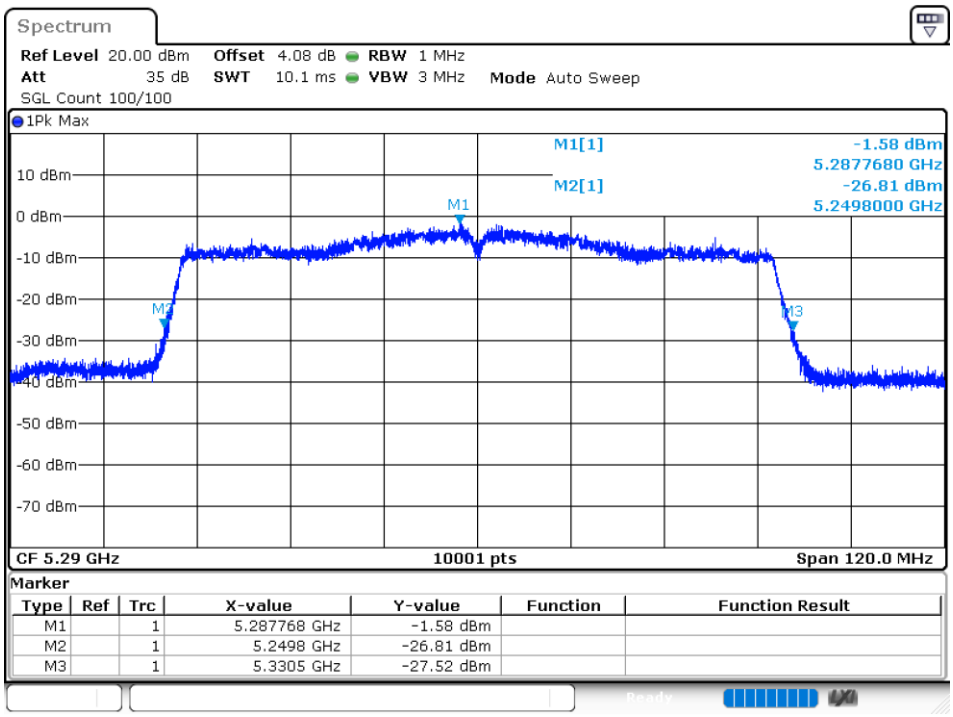
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

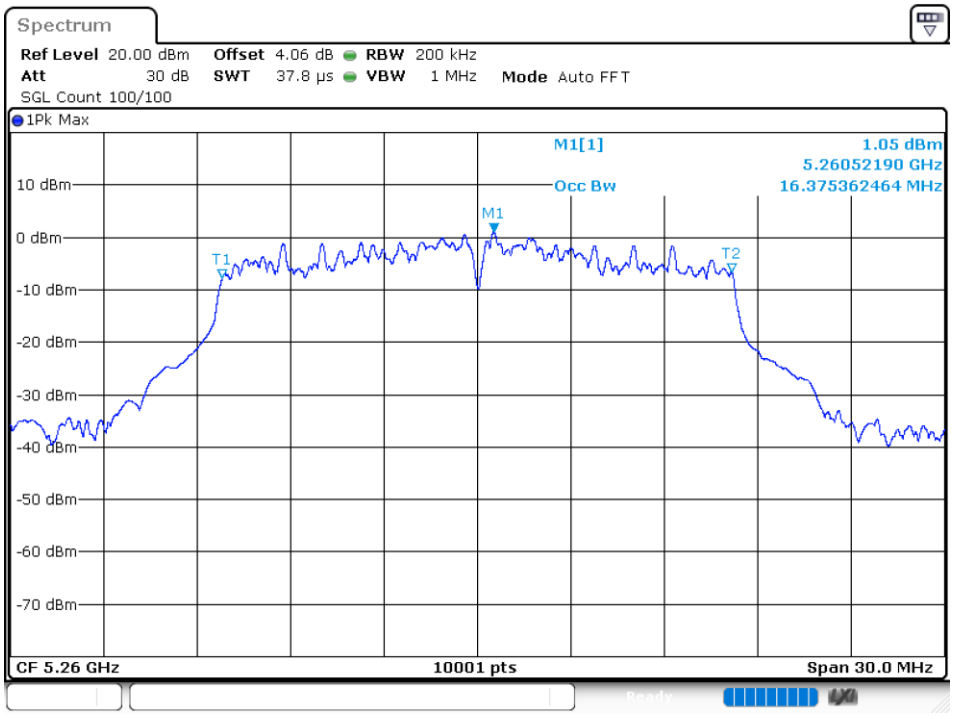


Occupied Channel Bandwidth

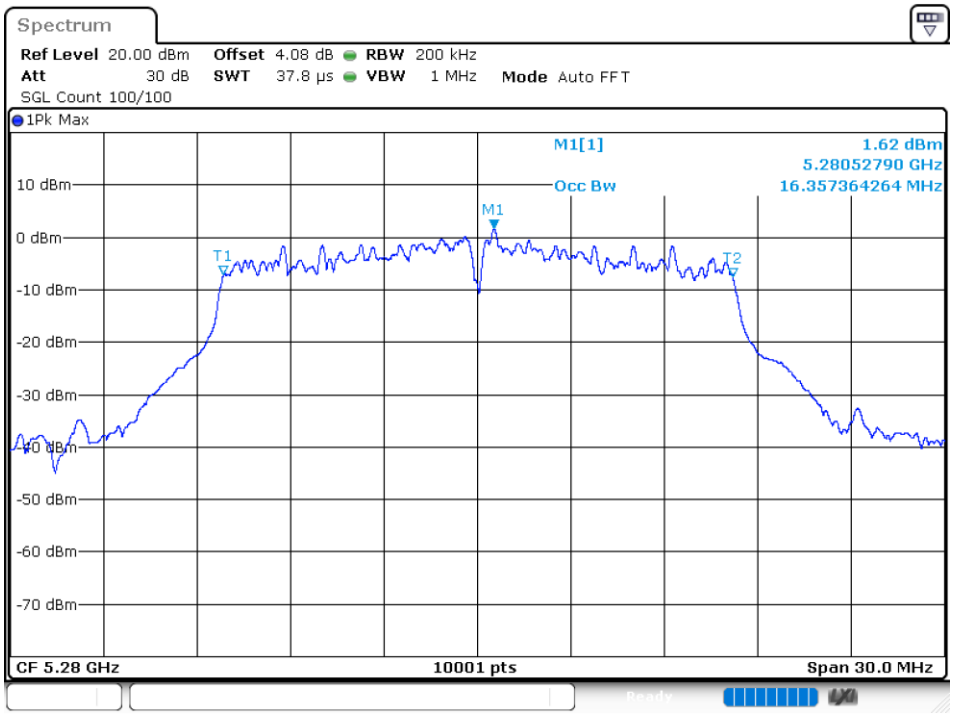
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.375
NVNT	a	5280	Ant1	16.357
NVNT	a	5320	Ant1	16.384
NVNT	n20	5260	Ant1	17.677
NVNT	n20	5280	Ant1	17.581
NVNT	n20	5320	Ant1	17.671
NVNT	n40	5270	Ant1	36.14
NVNT	n40	5310	Ant1	36.104
NVNT	ac20	5260	Ant1	17.755
NVNT	ac20	5280	Ant1	17.554
NVNT	ac20	5320	Ant1	17.707
NVNT	ac40	5270	Ant1	36.398
NVNT	ac40	5310	Ant1	36.38
NVNT	ac80	5290	Ant1	75.292

Test Graphs

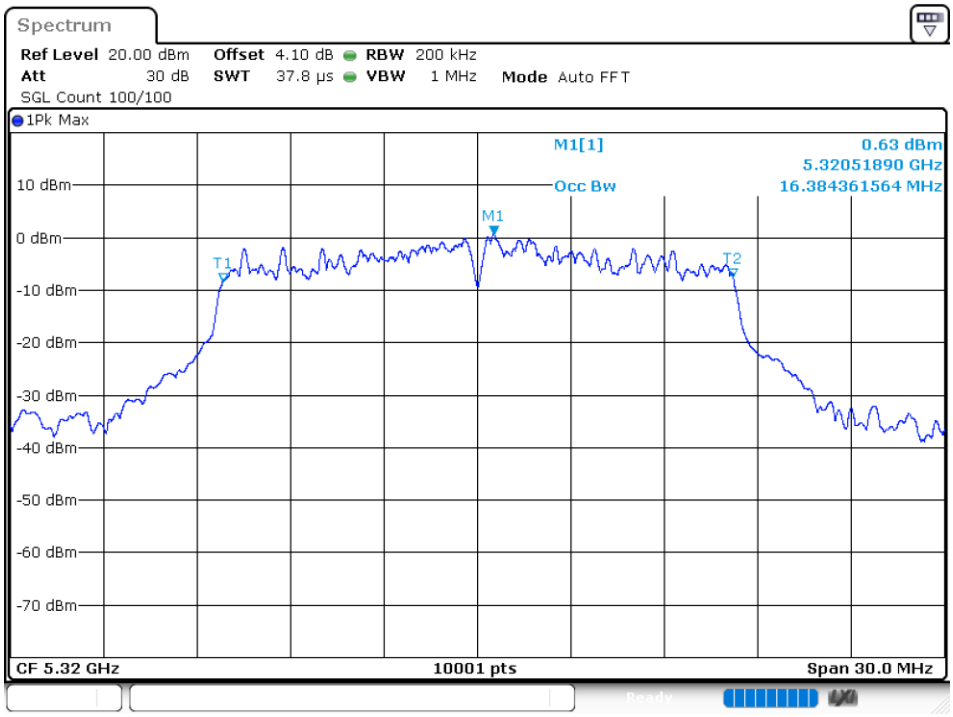
OBW NVNT a 5260MHz Ant1



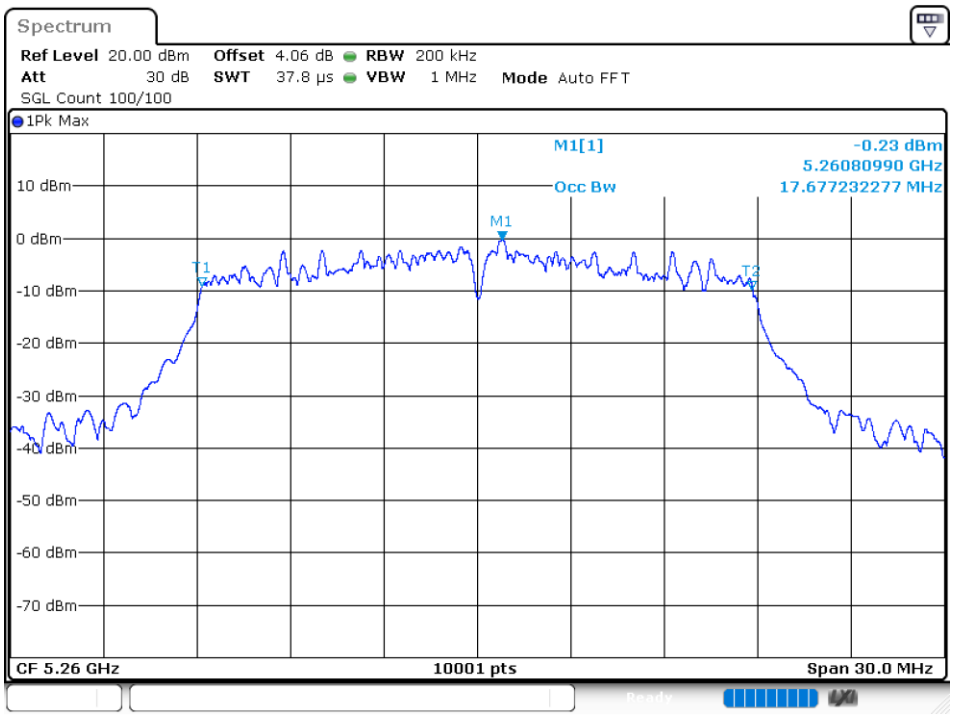
OBW NVNT a 5280MHz Ant1



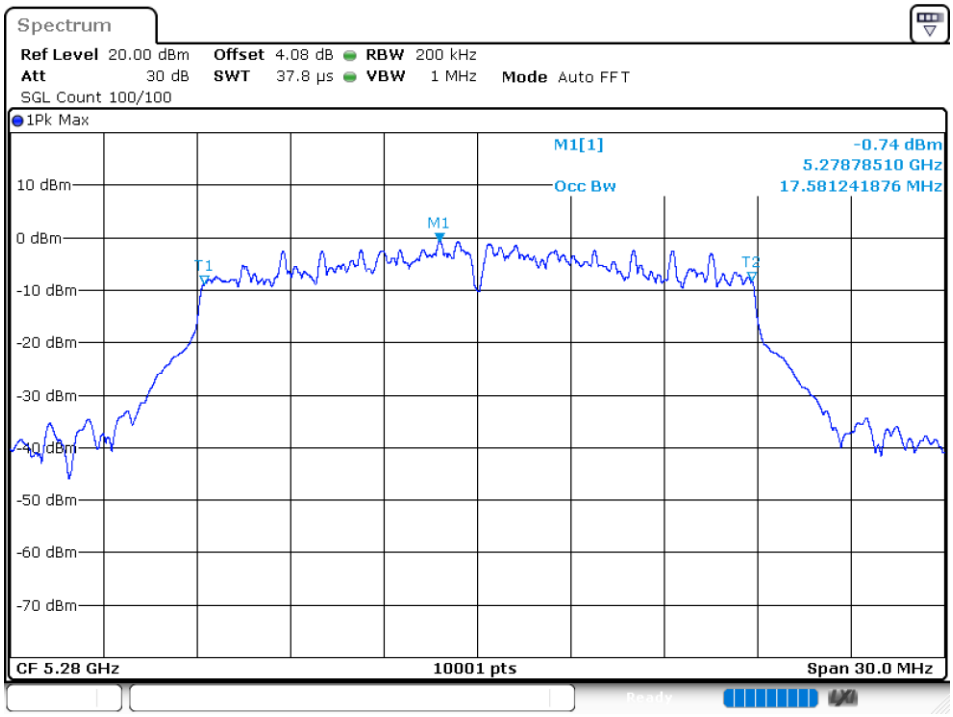
OBW NVNT a 5320MHz Ant1



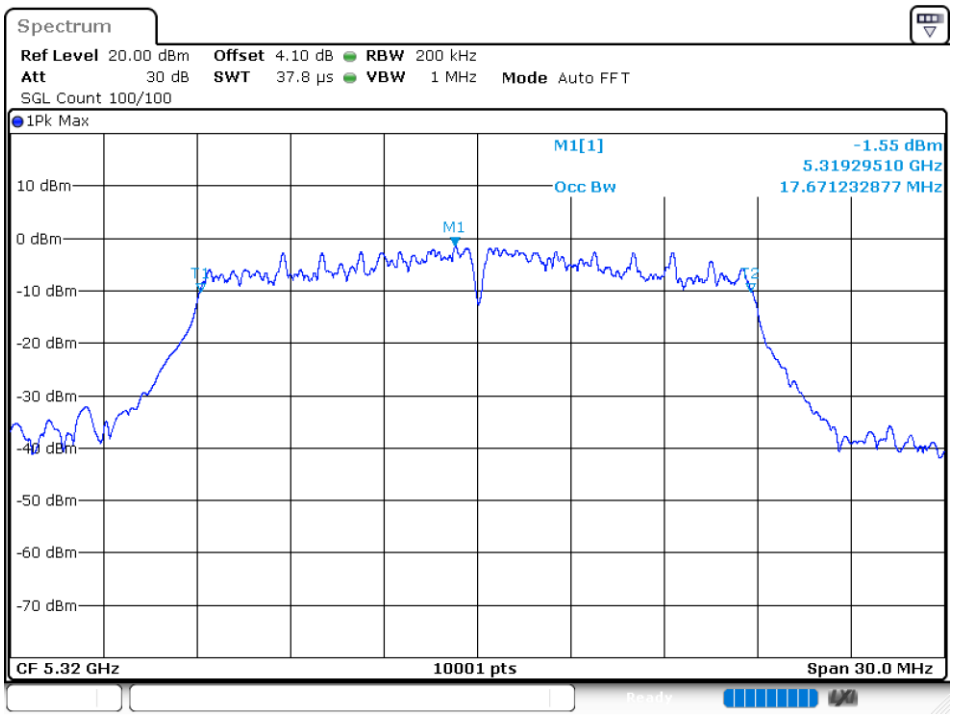
OBW NVNT n20 5260MHz Ant1



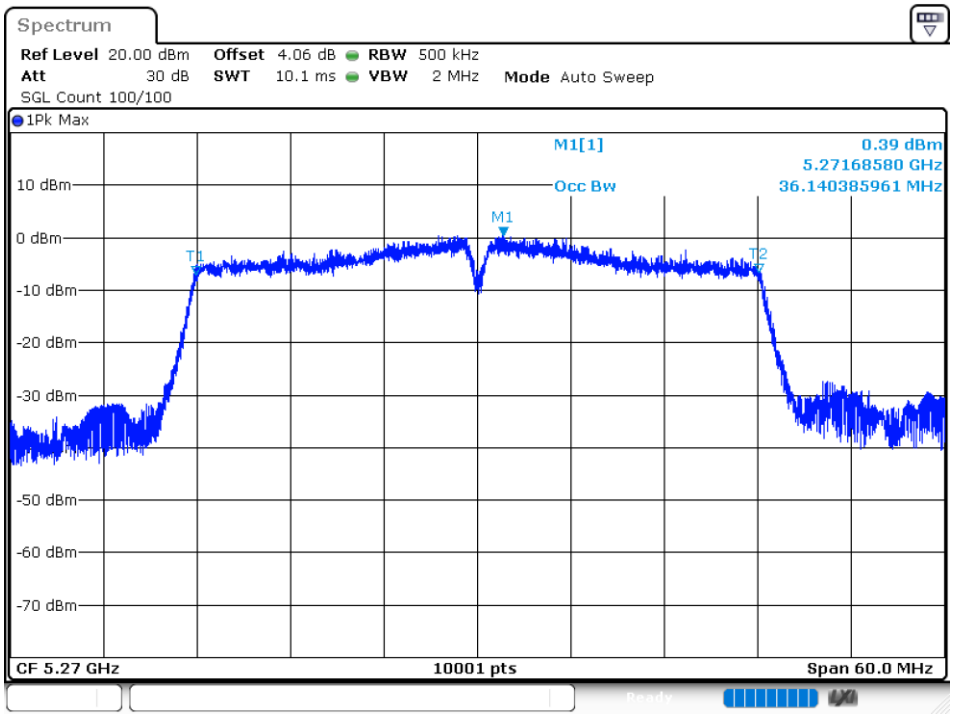
OBW NVNT n20 5280MHz Ant1



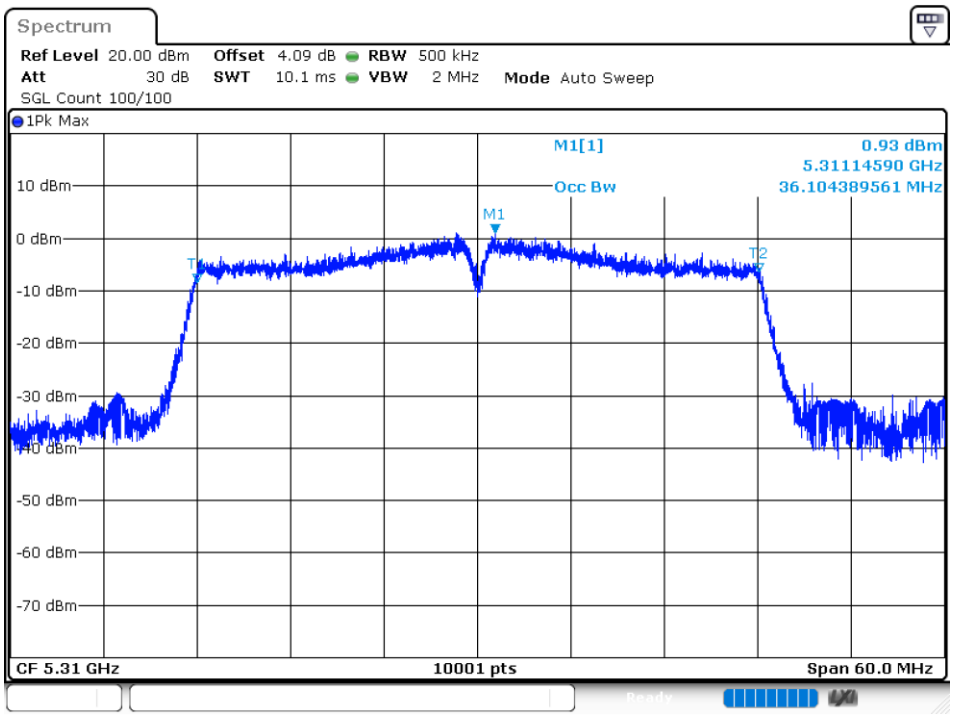
OBW NVNT n20 5320MHz Ant1



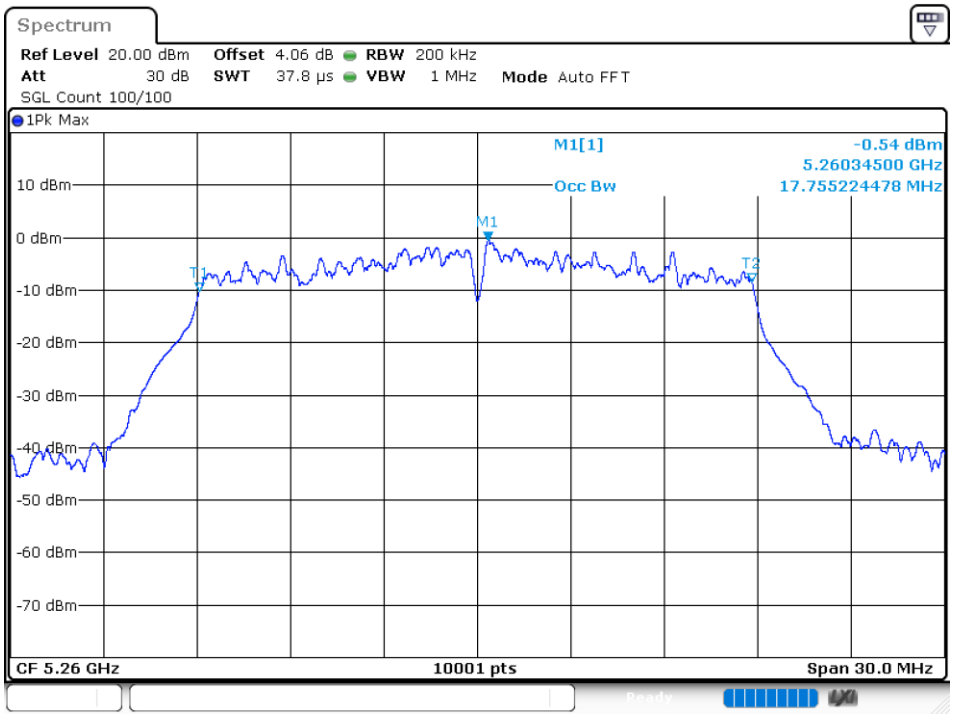
OBW NVNT n40 5270MHz Ant1



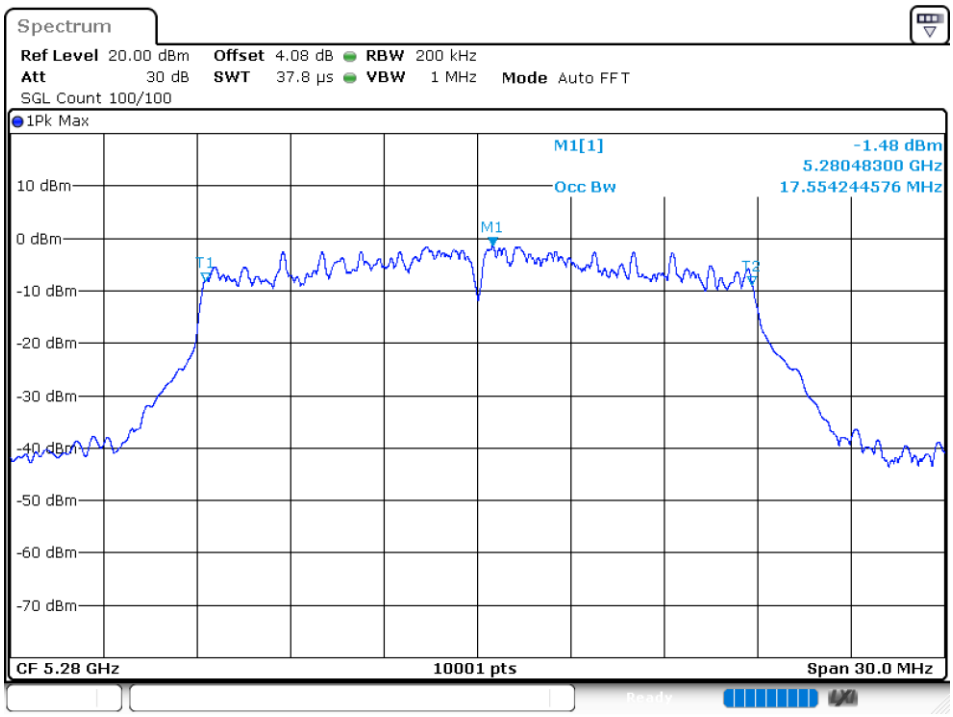
OBW NVNT n40 5310MHz Ant1



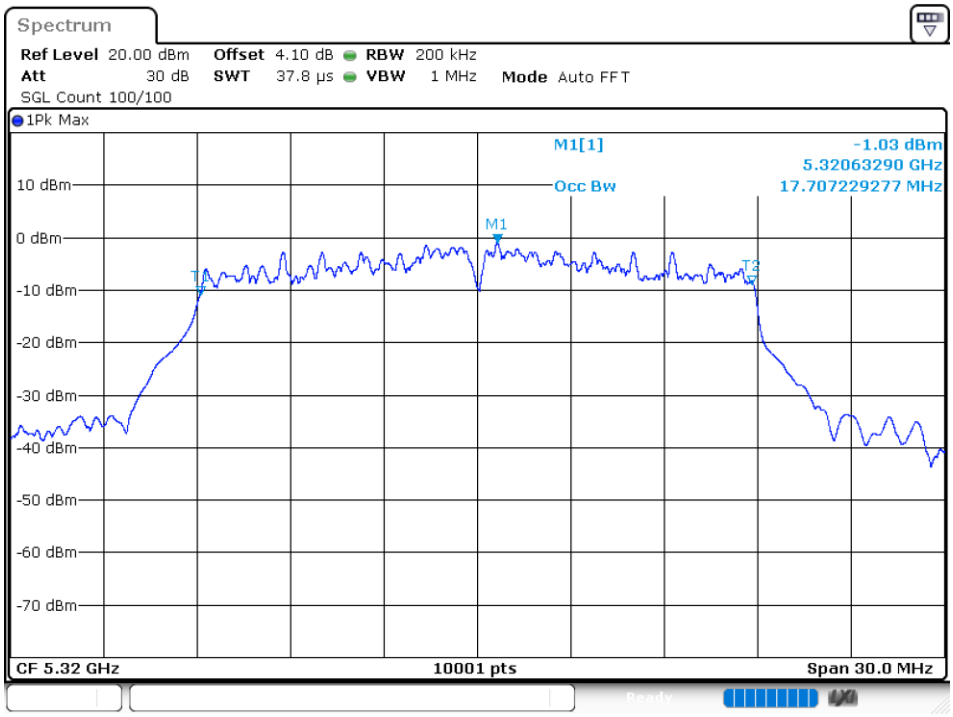
OBW NVNT ac20 5260MHz Ant1



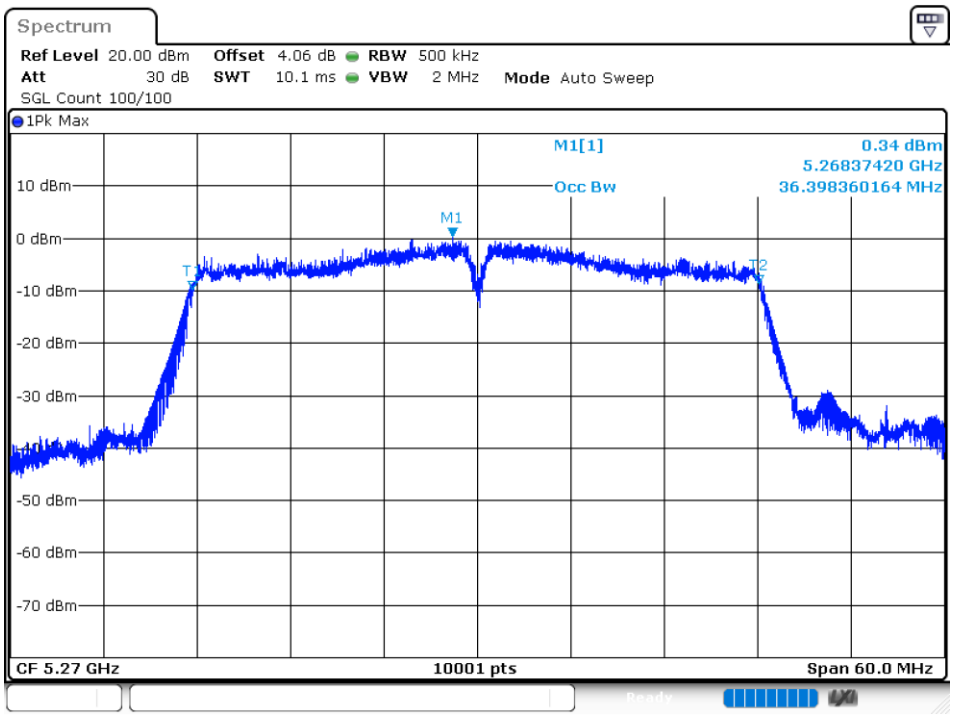
OBW NVNT ac20 5280MHz Ant1



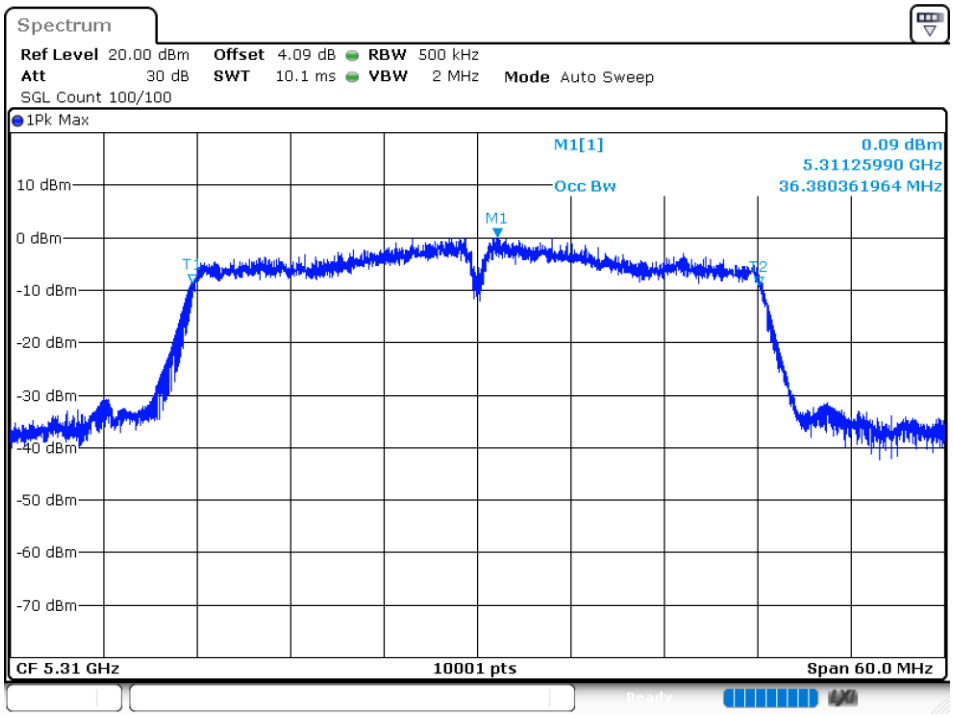
OBW NVNT ac20 5320MHz Ant1



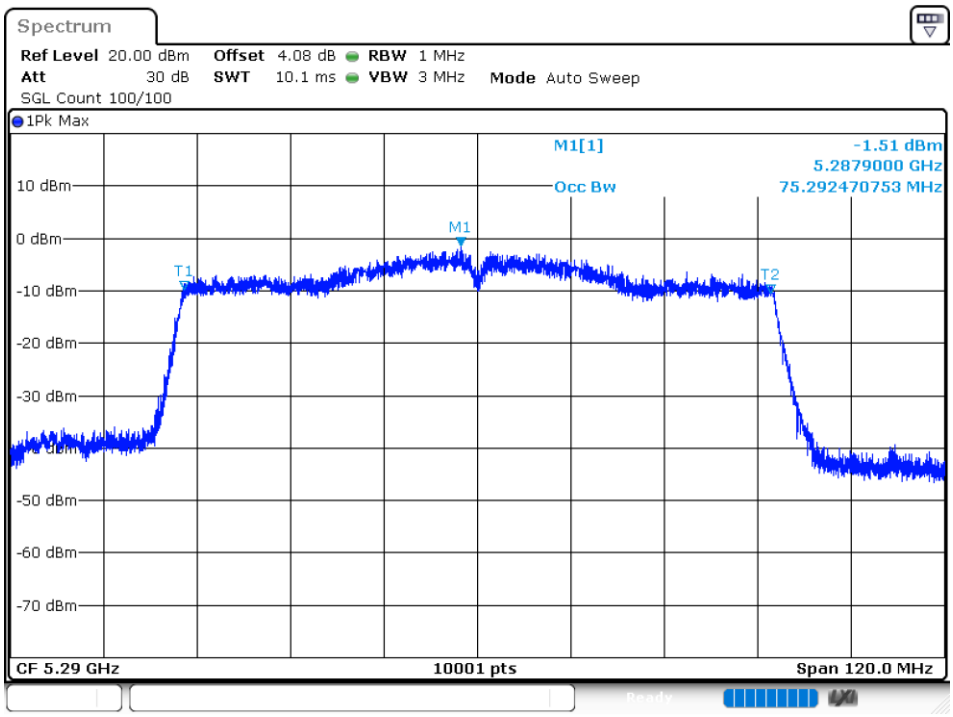
OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac80 5290MHz Ant1

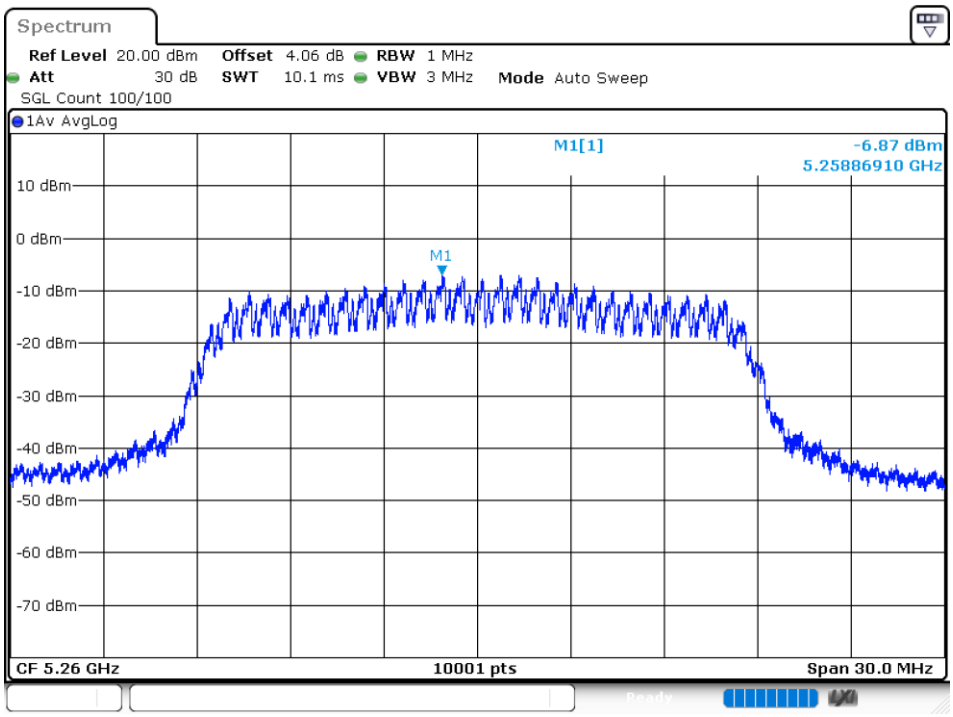


Maximum Power Spectral Density Level

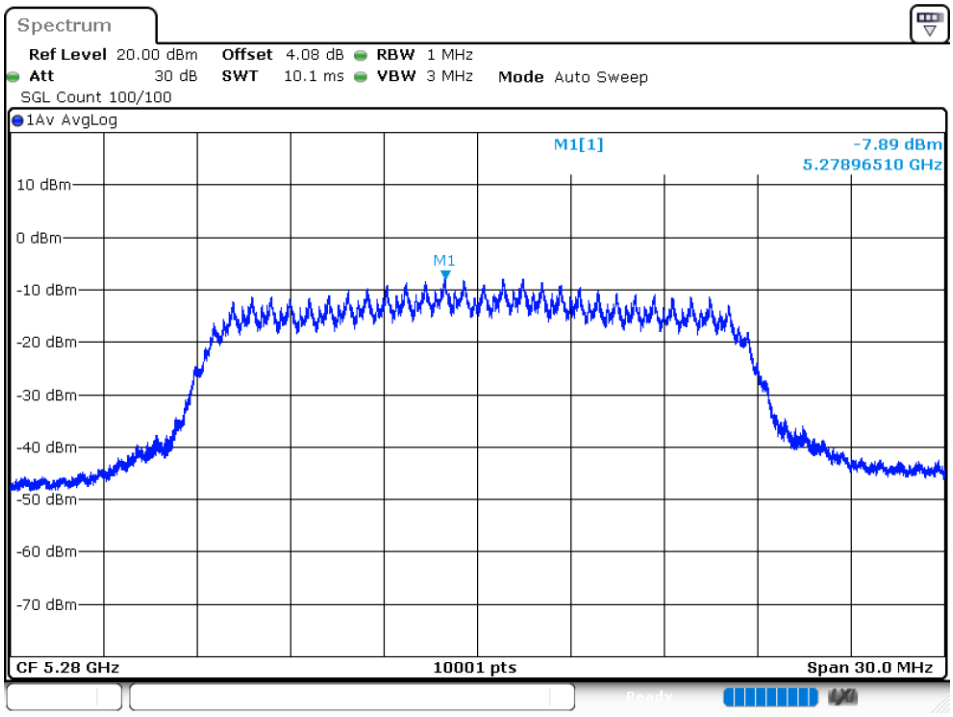
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-6.87	0.69	-6.18	11	Pass
NVNT	a	5280	Ant1	-7.89	0.69	-7.2	11	Pass
NVNT	a	5320	Ant1	-6.92	0.69	-6.23	11	Pass
NVNT	n20	5260	Ant1	-11.15	0.73	-10.42	11	Pass
NVNT	n20	5280	Ant1	-8.99	0.73	-8.26	11	Pass
NVNT	n20	5320	Ant1	-7.96	0.73	-7.23	11	Pass
NVNT	n40	5270	Ant1	-17.28	1.11	-16.17	11	Pass
NVNT	n40	5310	Ant1	-17.51	1.1	-16.41	11	Pass
NVNT	ac20	5260	Ant1	-6.67	0.71	-5.96	11	Pass
NVNT	ac20	5280	Ant1	-9.65	0.71	-8.94	11	Pass
NVNT	ac20	5320	Ant1	-9.73	0.72	-9.01	11	Pass
NVNT	ac40	5270	Ant1	-18.59	1.17	-17.42	11	Pass
NVNT	ac40	5310	Ant1	-17.71	1.17	-16.54	11	Pass
NVNT	ac80	5290	Ant1	-17.85	2.11	-15.74	11	Pass

Test Graphs

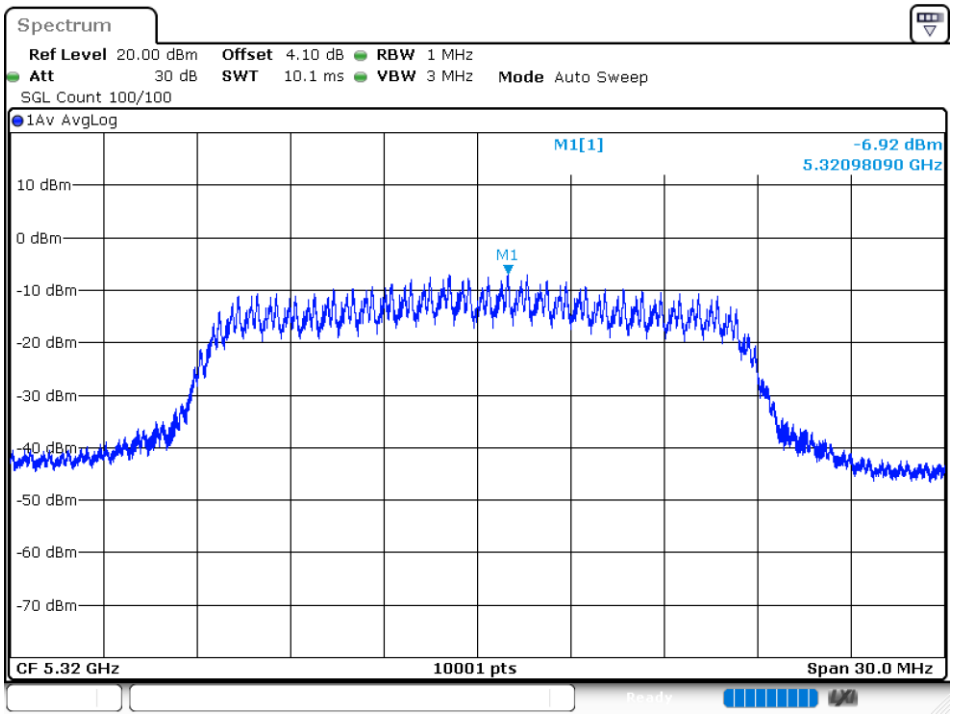
PSD NVNT a 5260MHz Ant1



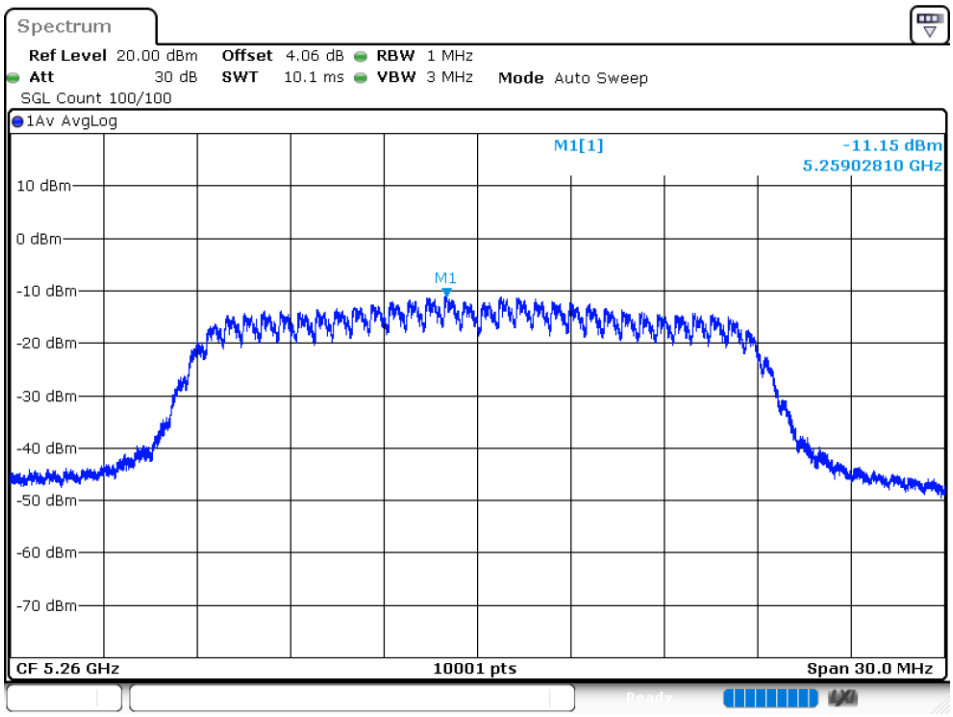
PSD NVNT a 5280MHz Ant1



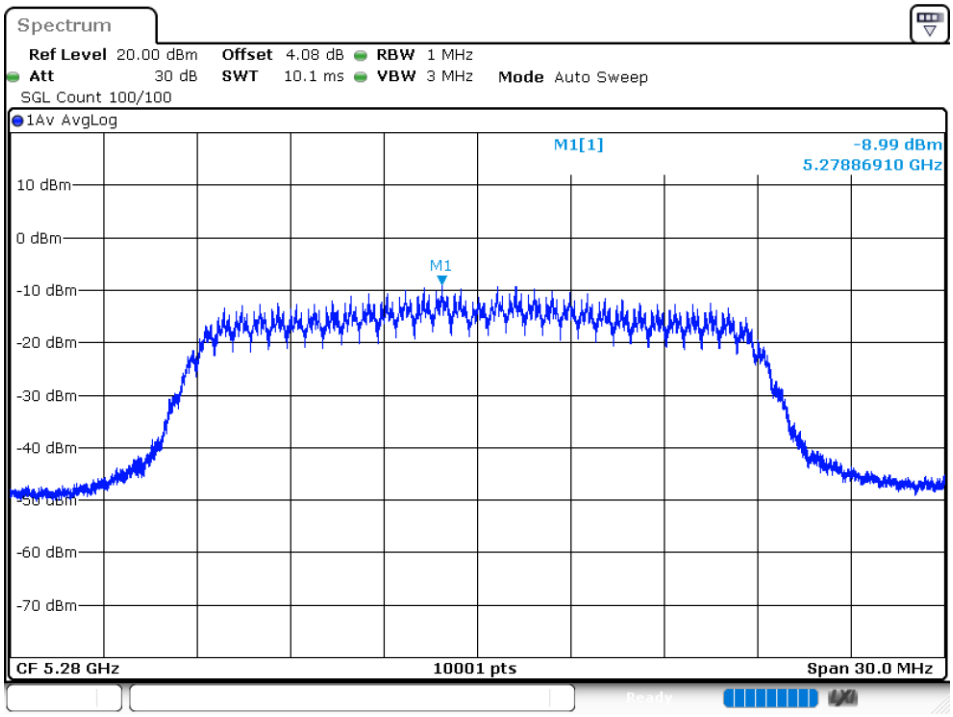
PSD NVNT a 5320MHz Ant1



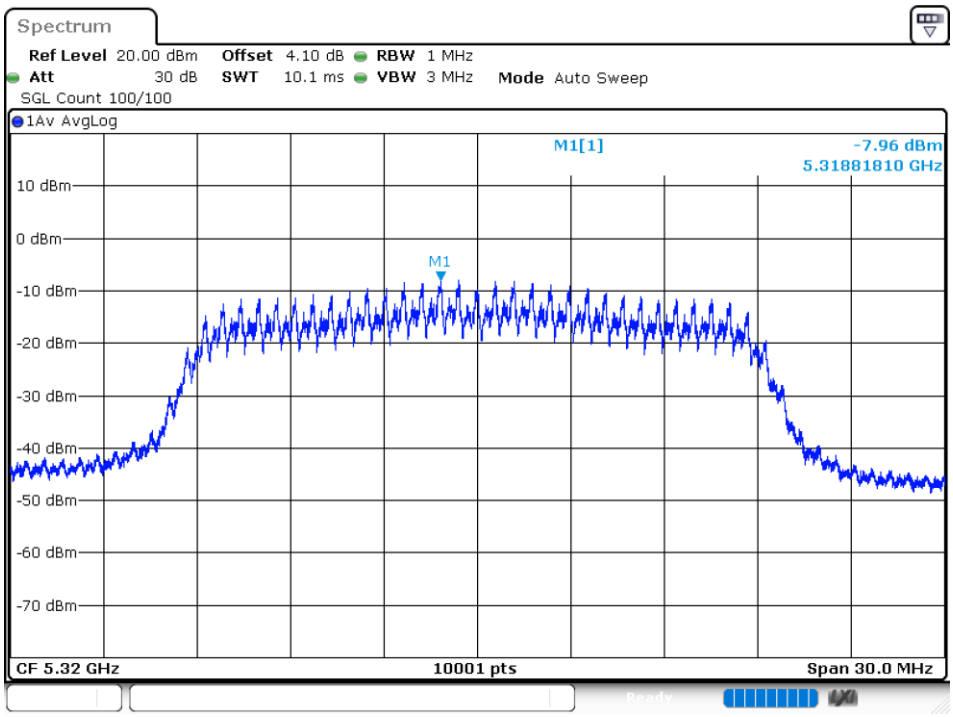
PSD NVNT n20 5260MHz Ant1



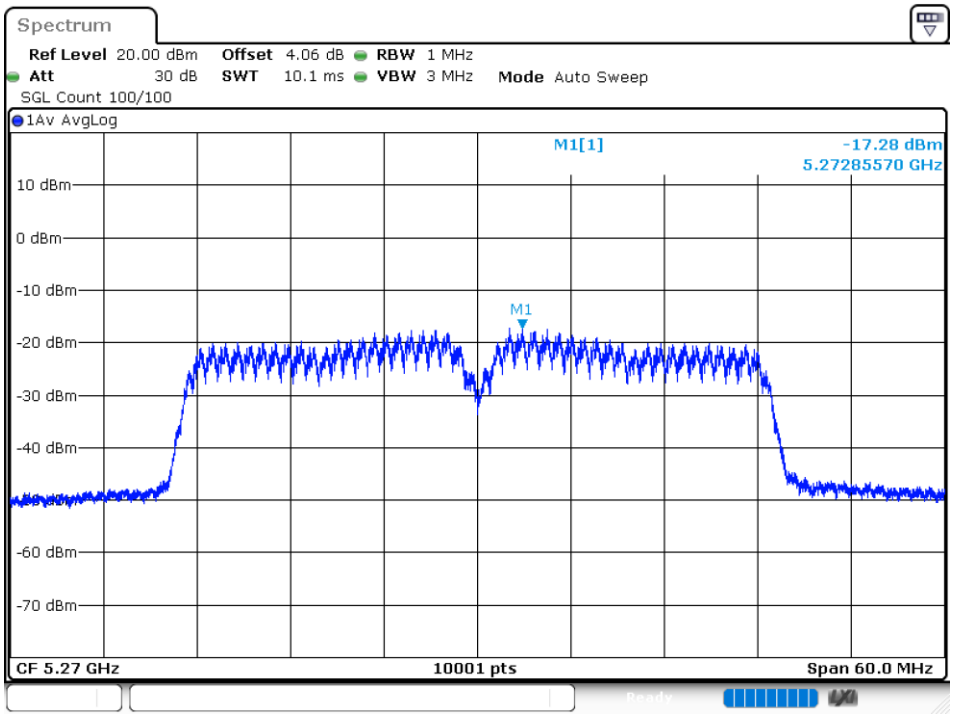
PSD NVNT n20 5280MHz Ant1



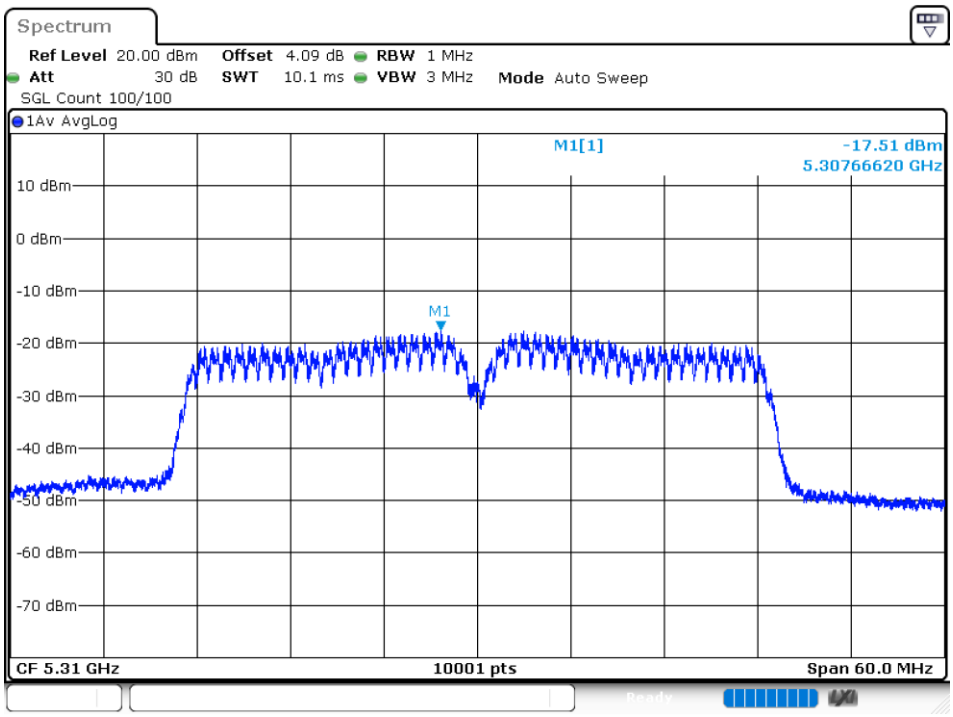
PSD NVNT n20 5320MHz Ant1



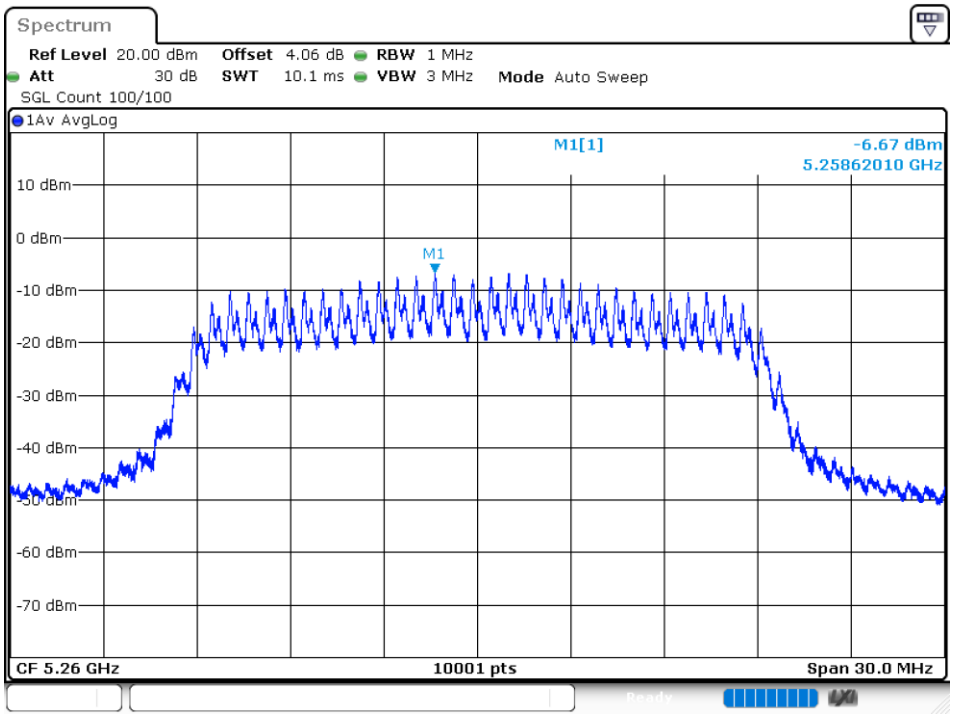
PSD NVNT n40 5270MHz Ant1



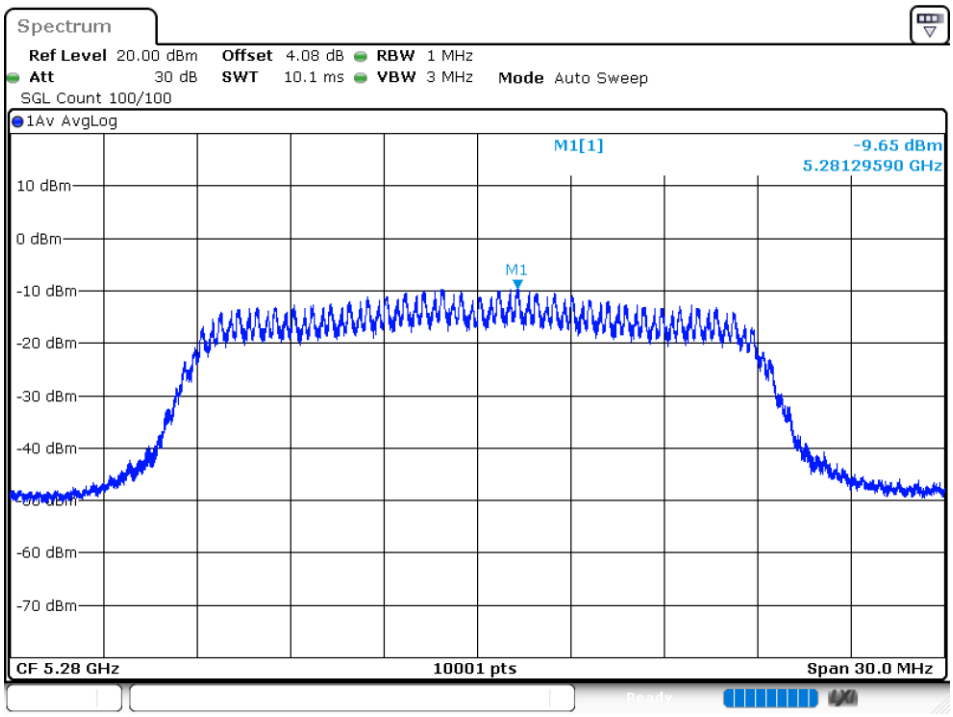
PSD NVNT n40 5310MHz Ant1



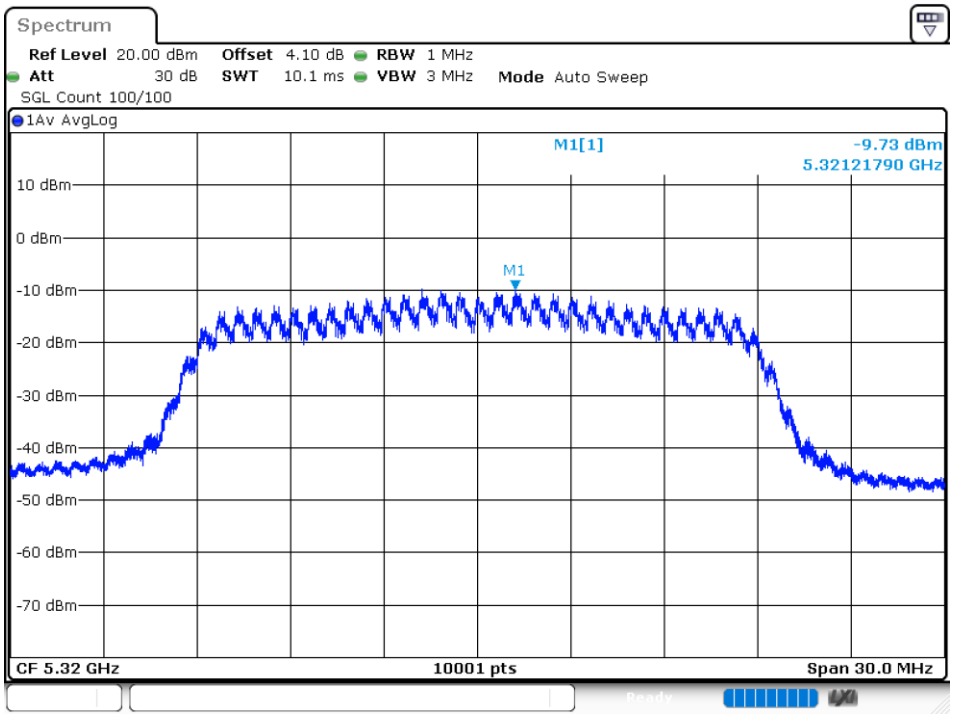
PSD NVNT ac20 5260MHz Ant1



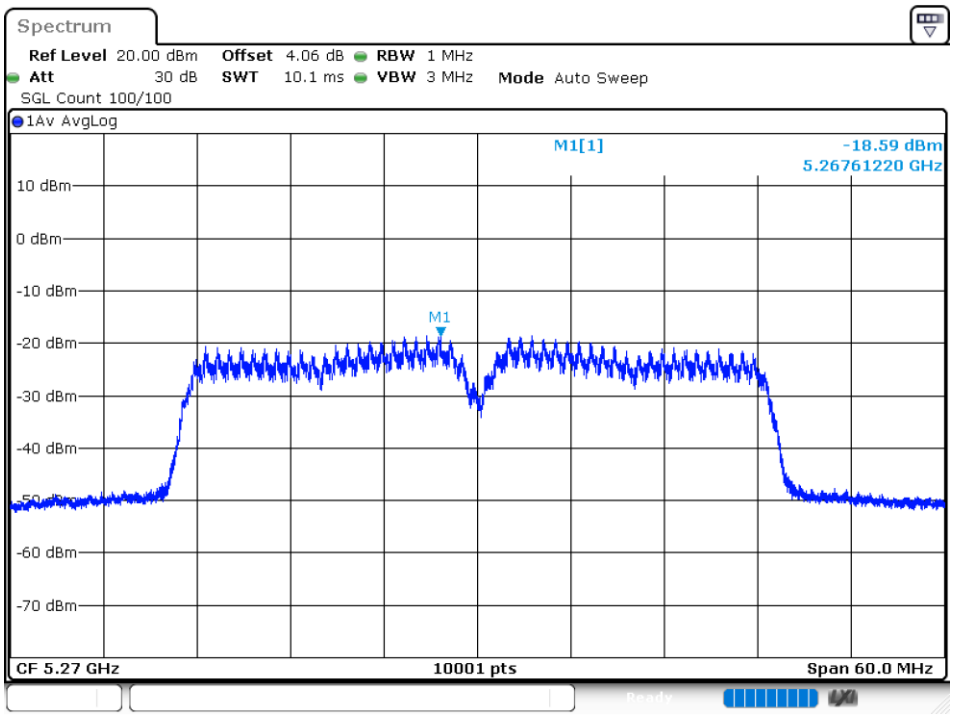
PSD NVNT ac20 5280MHz Ant1



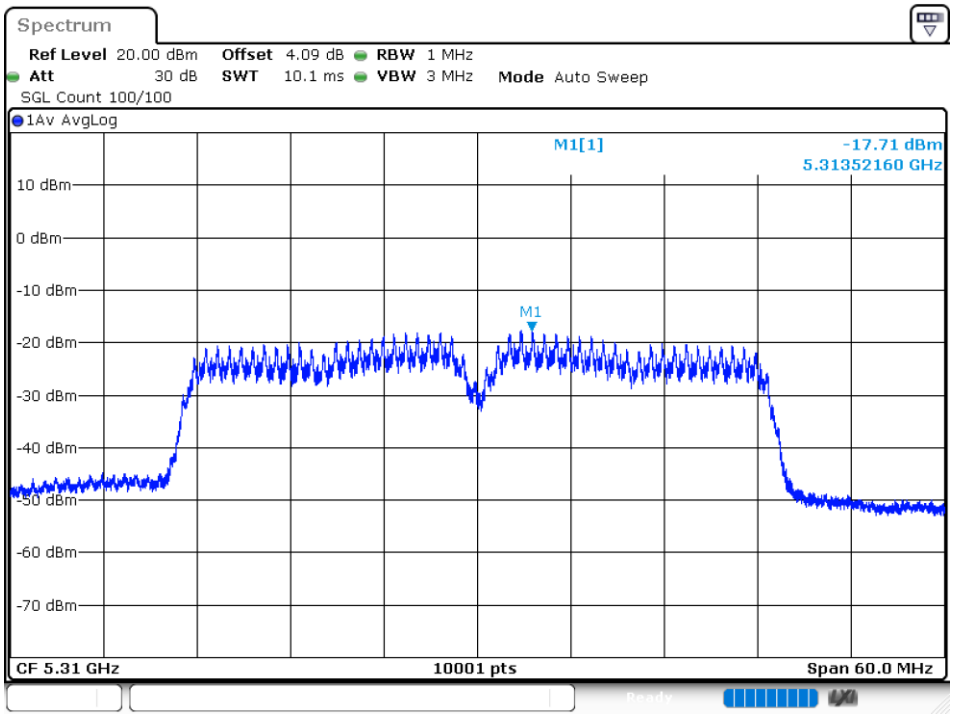
PSD NVNT ac20 5320MHz Ant1



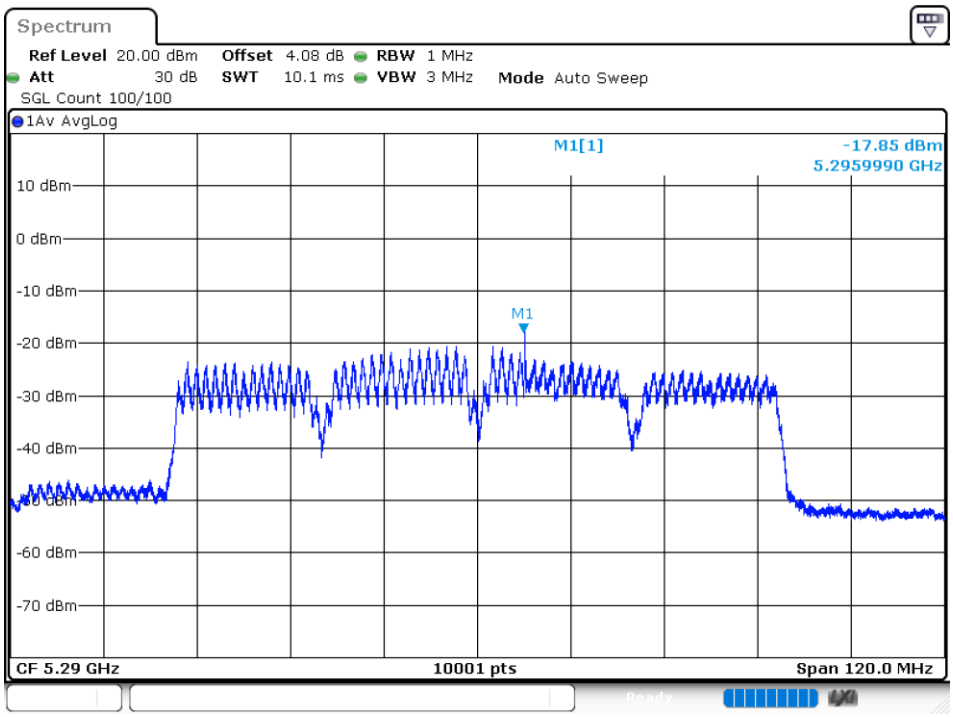
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac80 5290MHz Ant1

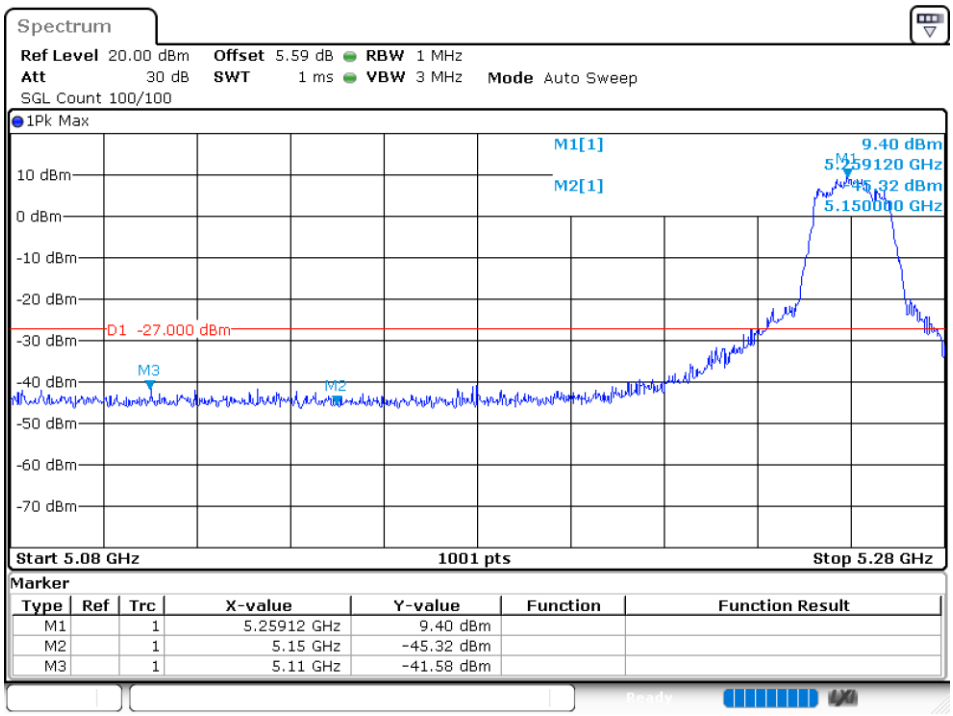


Band Edge

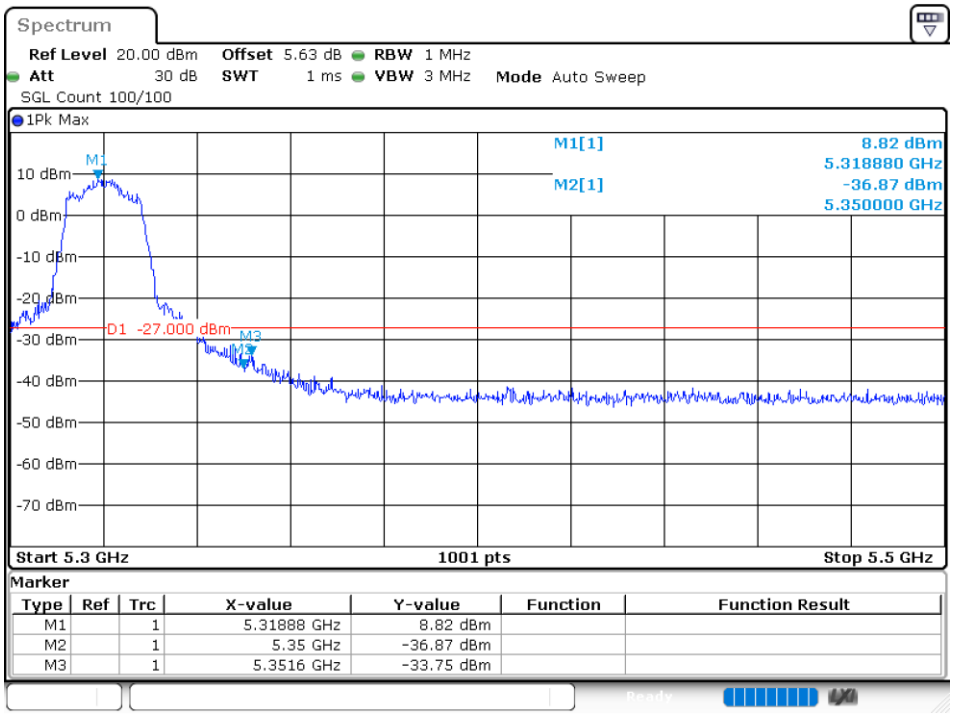
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-41.58	-27	Pass
NVNT	a	5320	Ant1	-33.74	-27	Pass
NVNT	n20	5260	Ant1	-41.43	-27	Pass
NVNT	n20	5320	Ant1	-35.12	-27	Pass
NVNT	n40	5270	Ant1	-42.52	-27	Pass
NVNT	n40	5310	Ant1	-30.94	-27	Pass
NVNT	ac20	5260	Ant1	-42.41	-27	Pass
NVNT	ac20	5320	Ant1	-35.71	-27	Pass
NVNT	ac40	5270	Ant1	-42.37	-27	Pass
NVNT	ac40	5310	Ant1	-30.42	-27	Pass
NVNT	ac80	5290	Ant1	-37.63	-27	Pass

Test Graphs

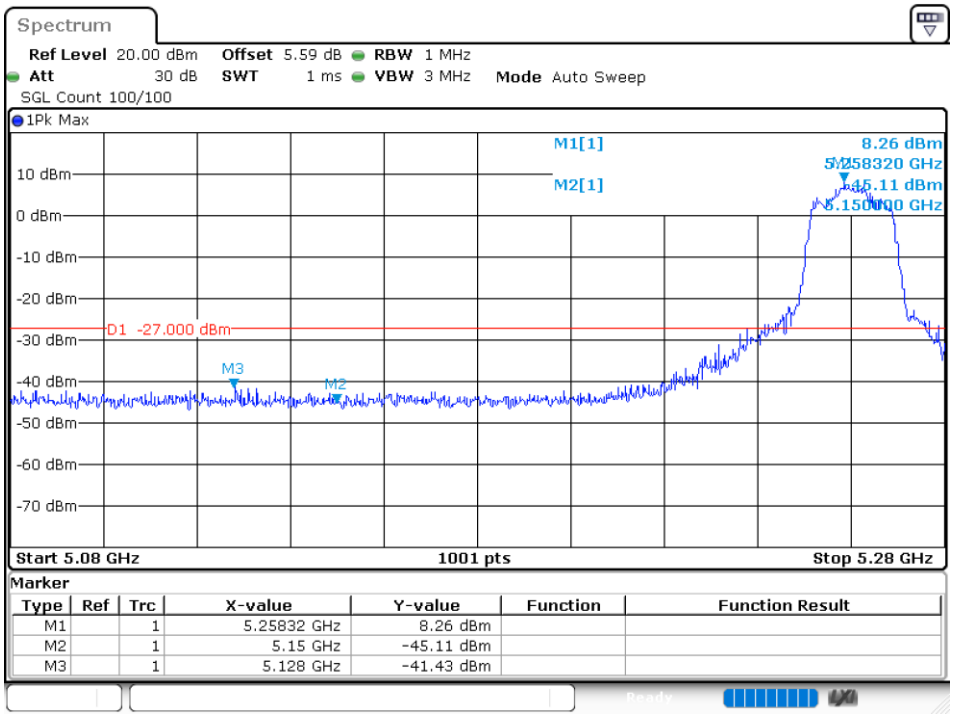
Band Edge NVNT a 5260MHz Low Ant1



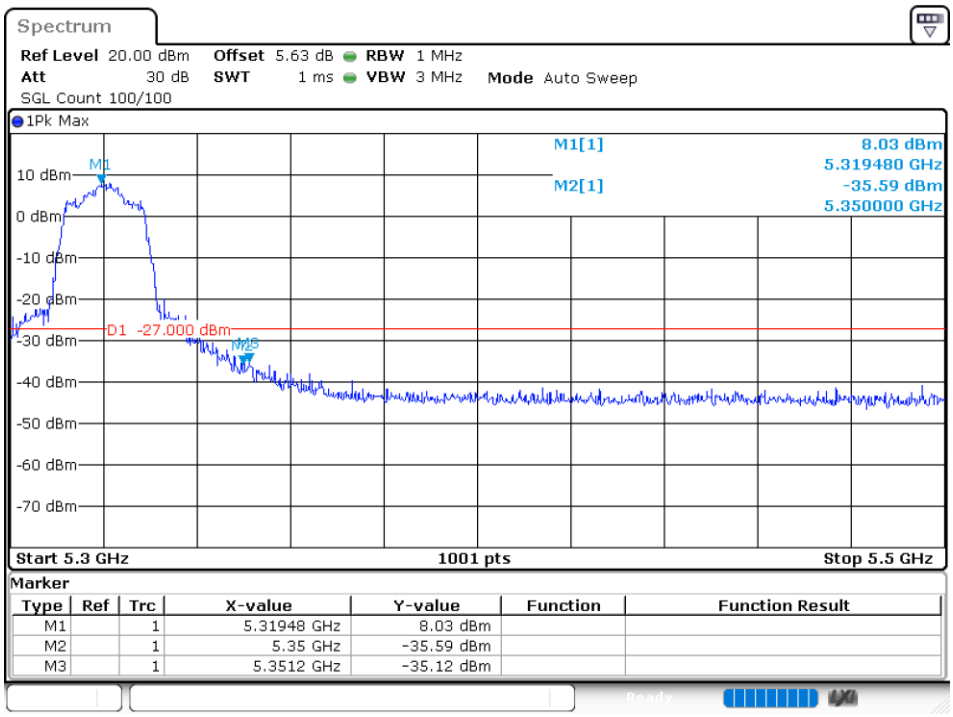
Band Edge NVNT a 5320MHz High Ant1



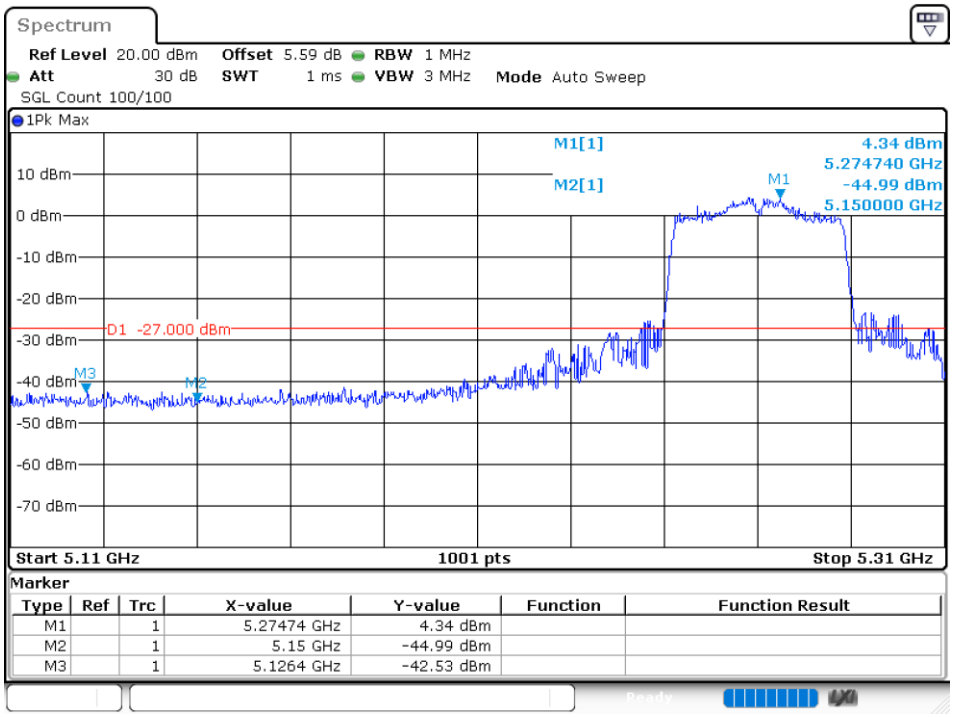
Band Edge NVNT n20 5260MHz Low Ant1



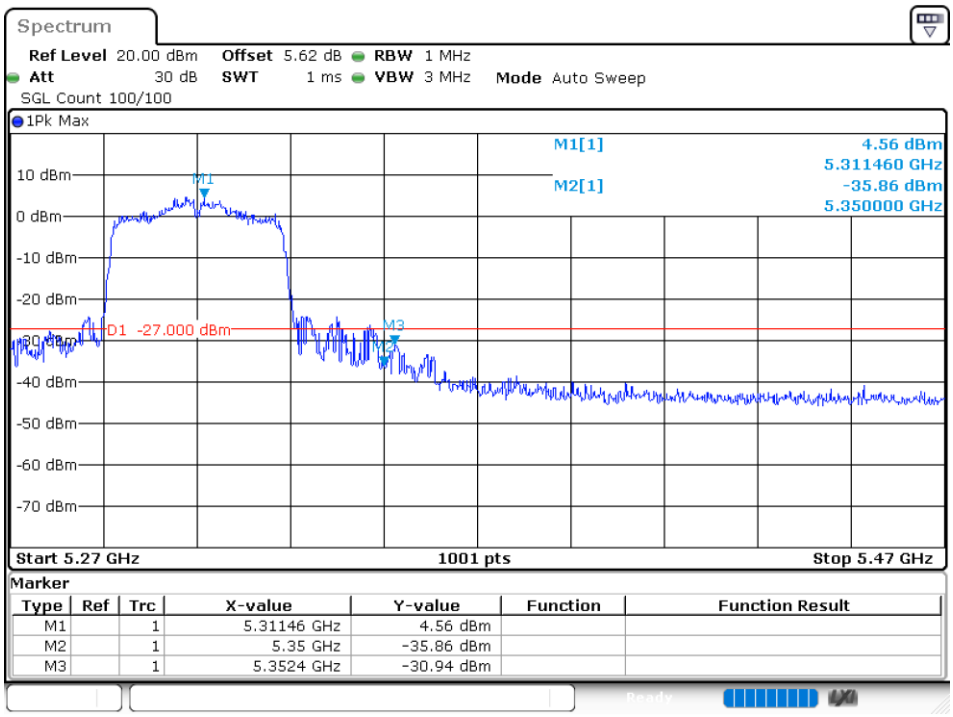
Band Edge NVNT n20 5320MHz High Ant1



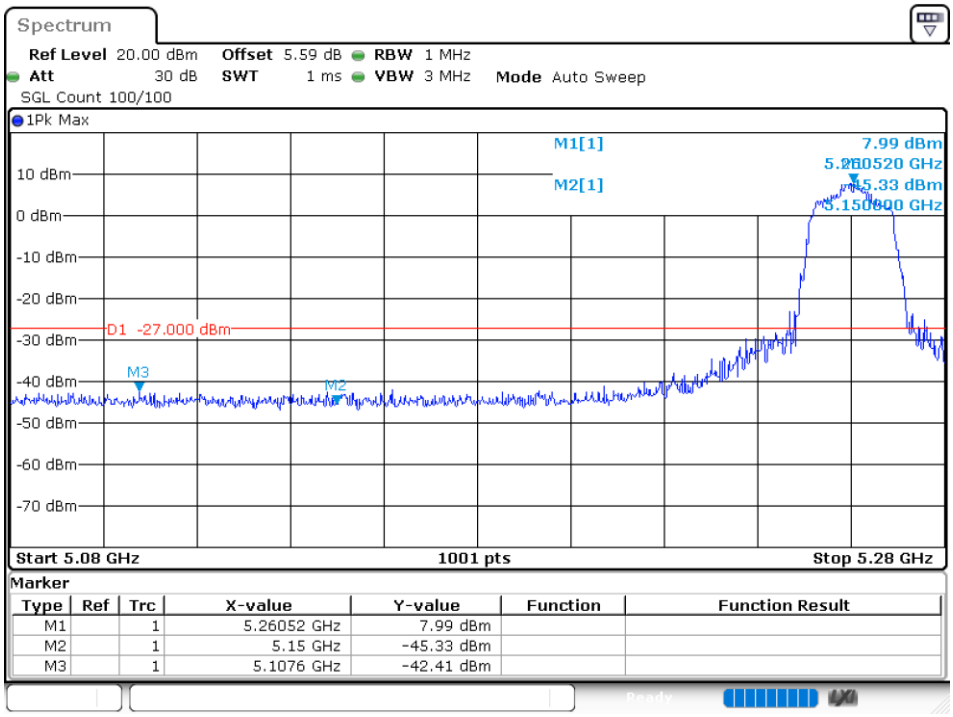
Band Edge NVNT n40 5270MHz Low Ant1



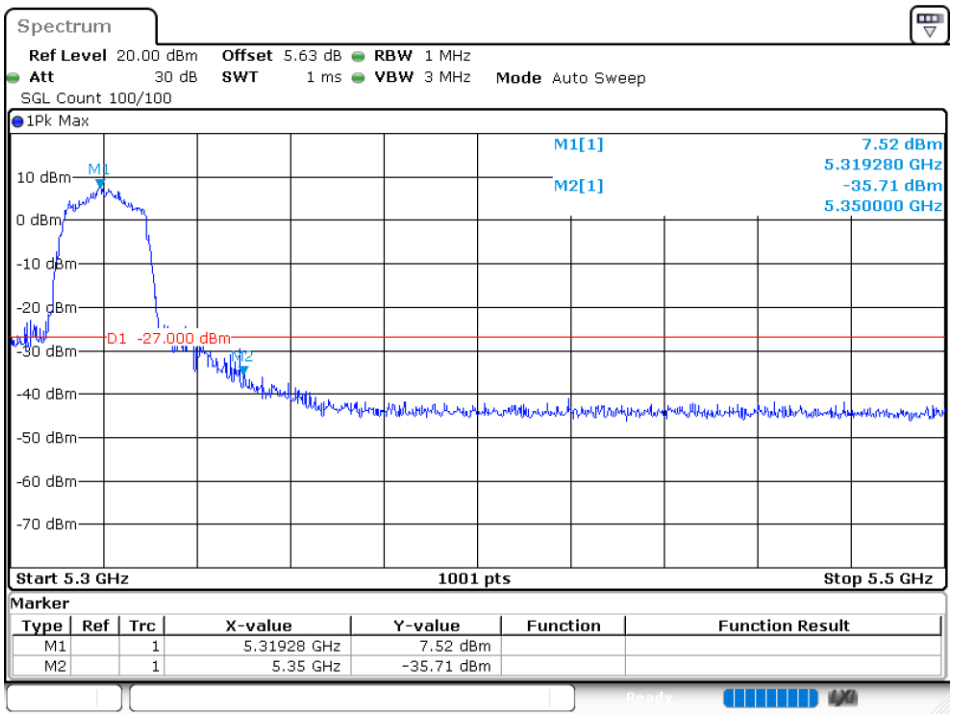
Band Edge NVNT n40 5310MHz High Ant1



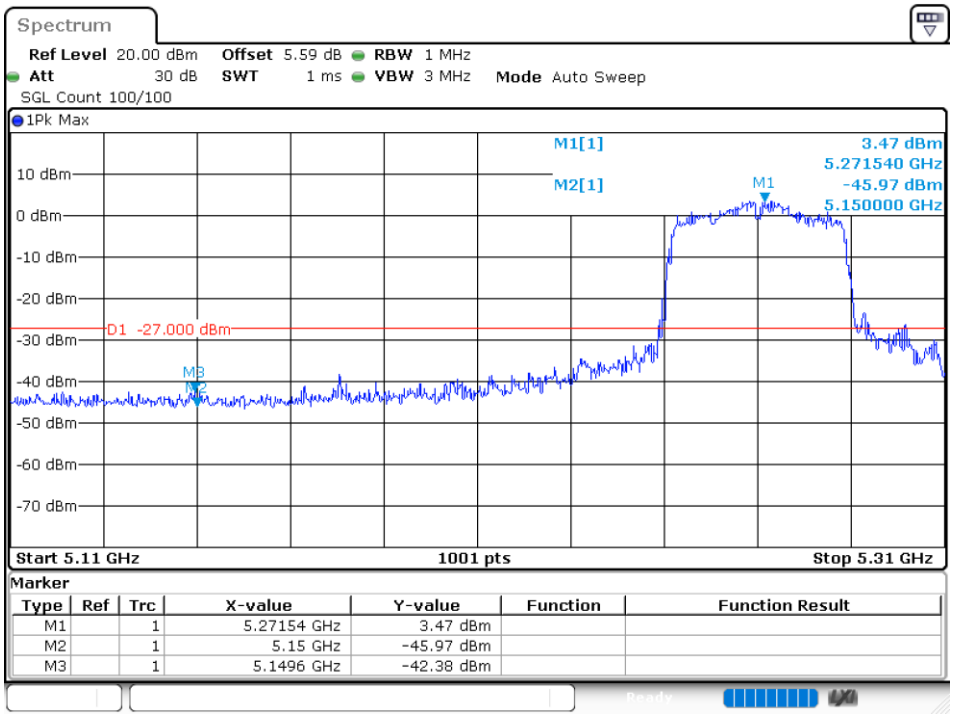
Band Edge NVNT ac20 5260MHz Low Ant1



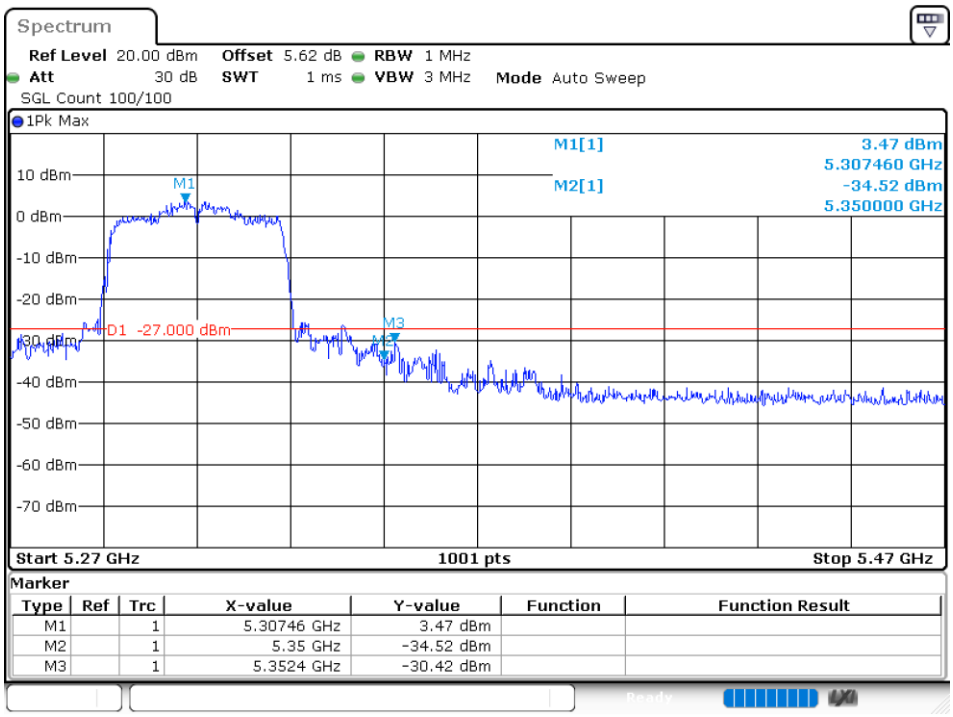
Band Edge NVNT ac20 5320MHz High Ant1



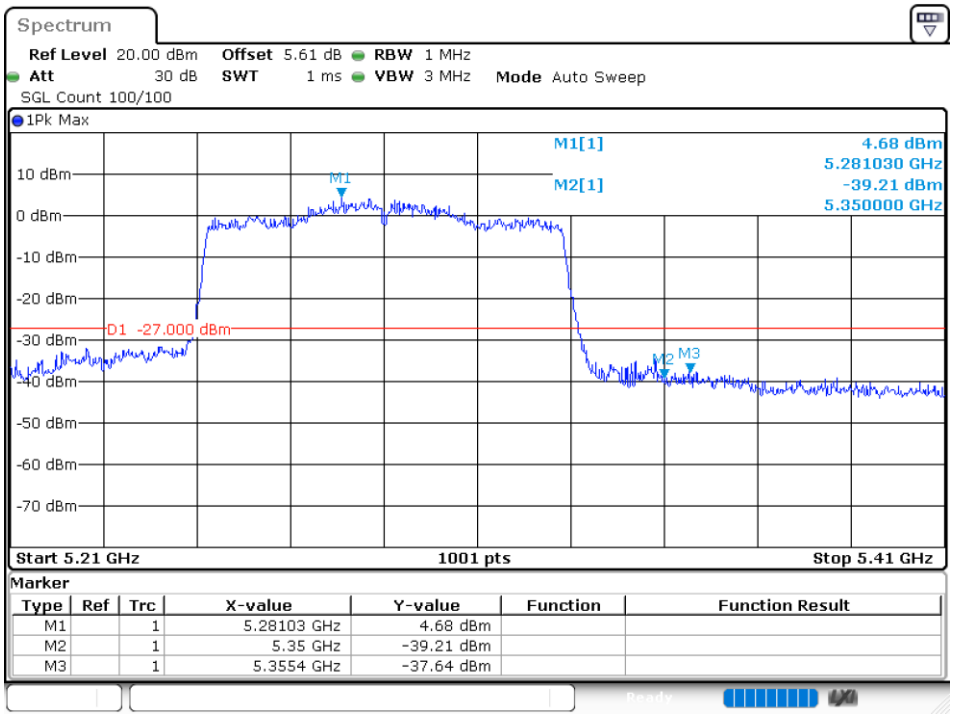
Band Edge NVNT ac40 5270MHz Low Ant1



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	5.28103 GHz	4.68 dBm		
M2		1	5.35 GHz	-39.21 dBm		
M3		1	5.3554 GHz	-37.64 dBm		