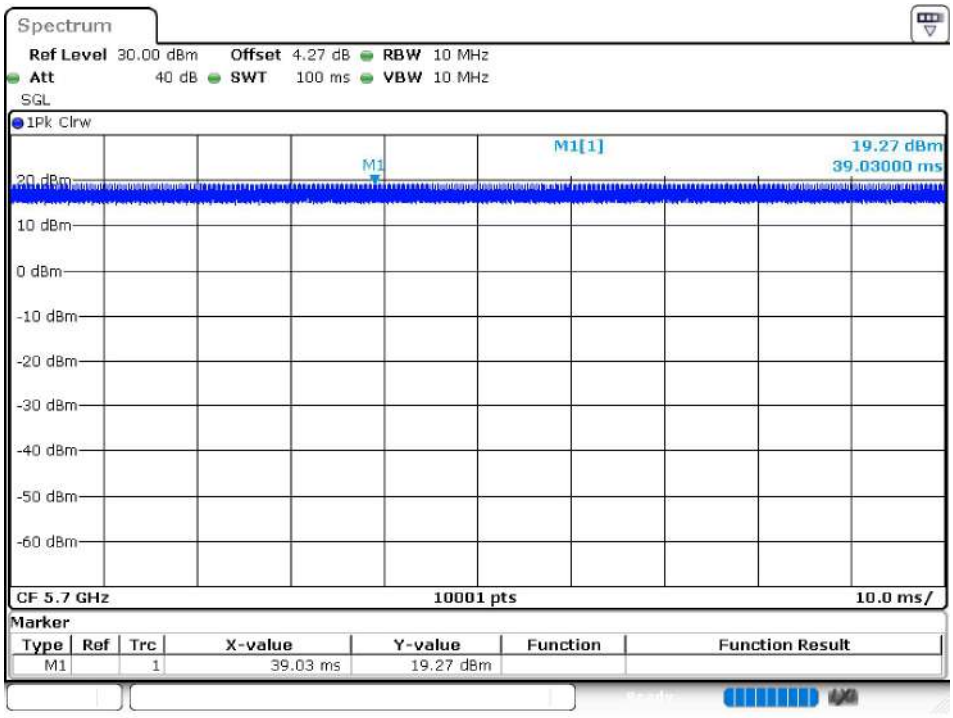
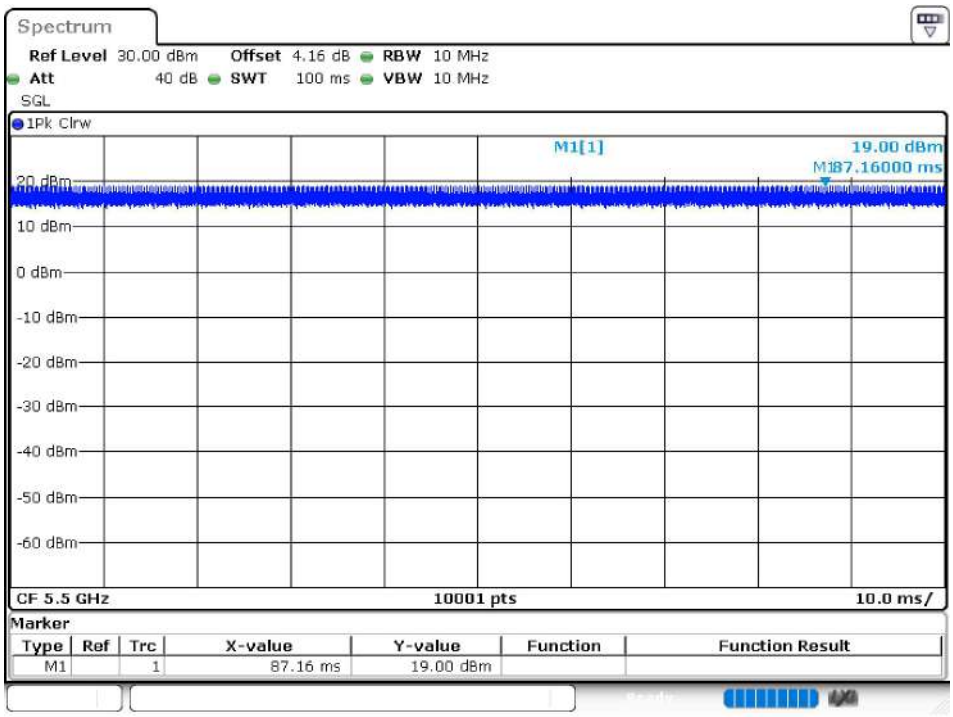
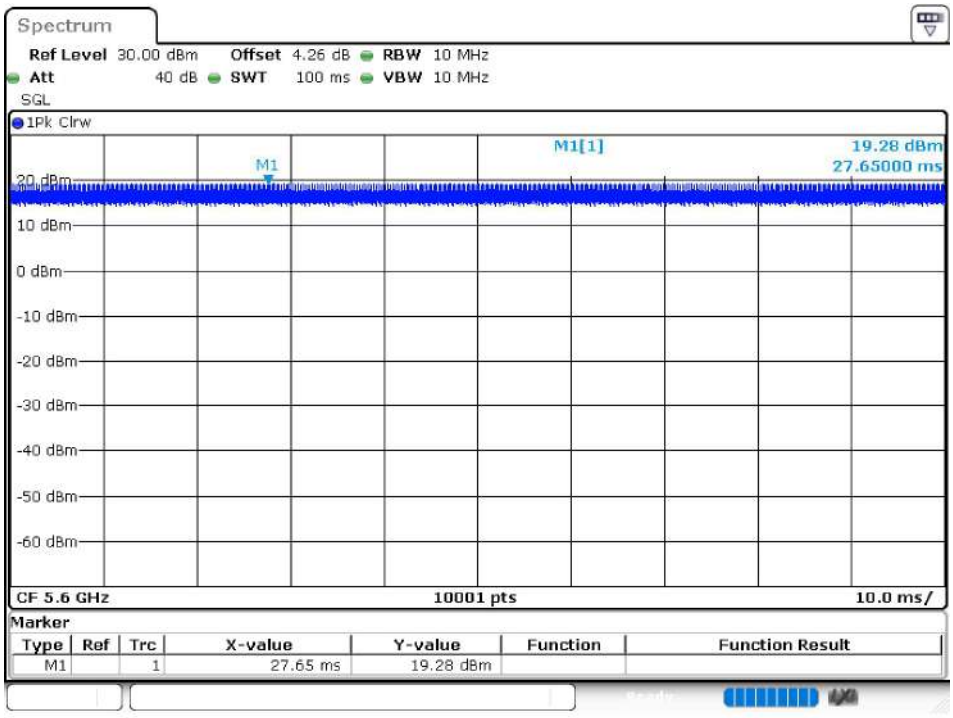
Duty Cycle NVNT a 5700MHz Ant1



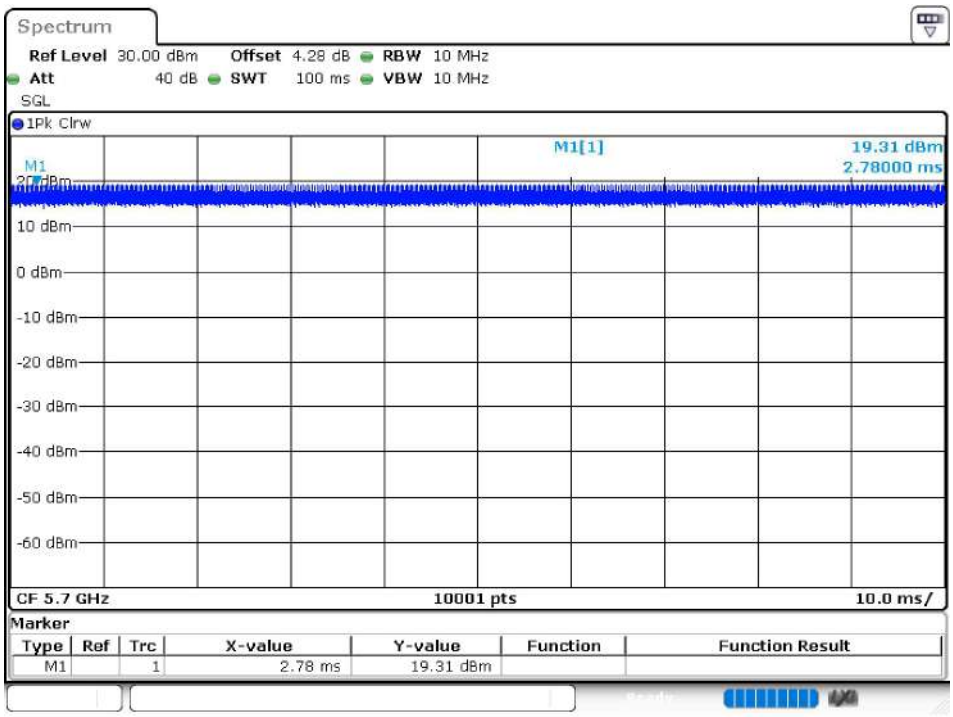
Duty Cycle NVNT a 5500MHz Ant2



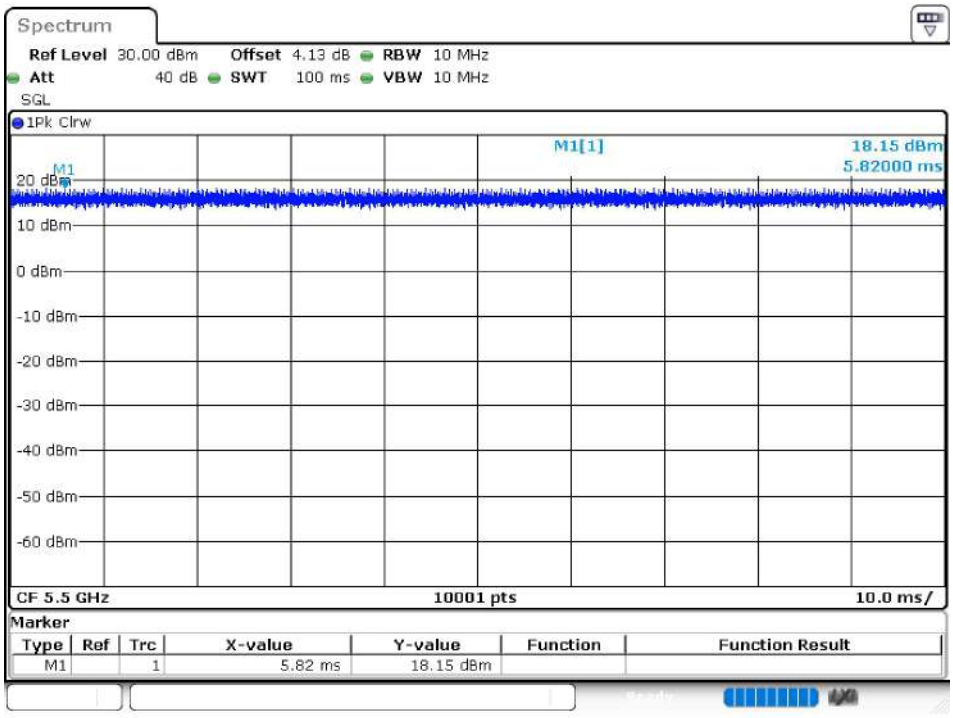
Duty Cycle NVNT a 5600MHz Ant2



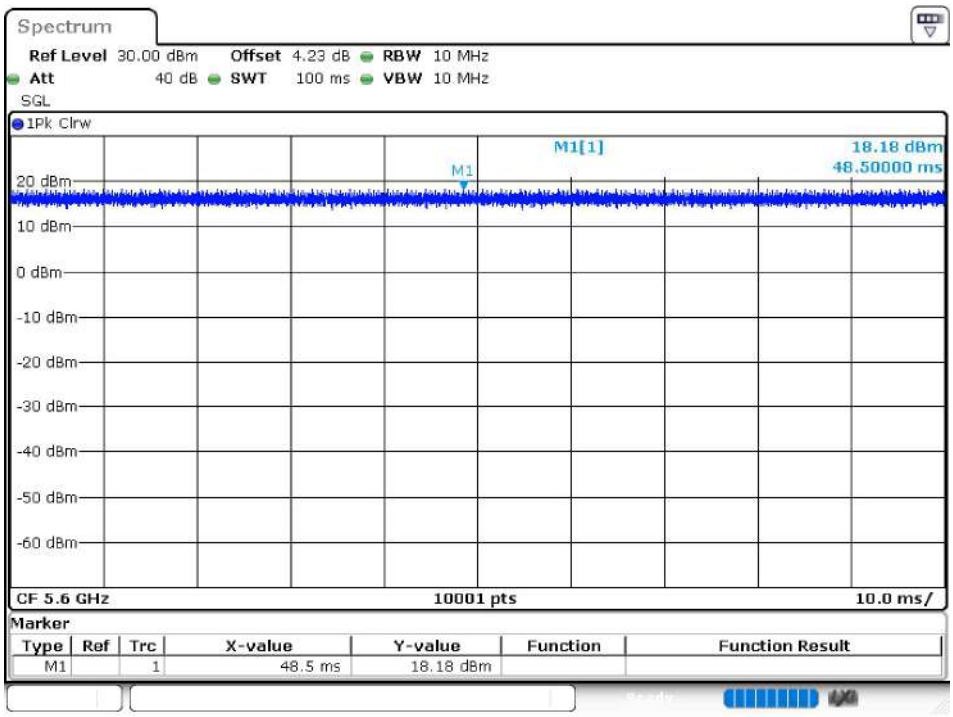
Duty Cycle NVNT a 5700MHz Ant2



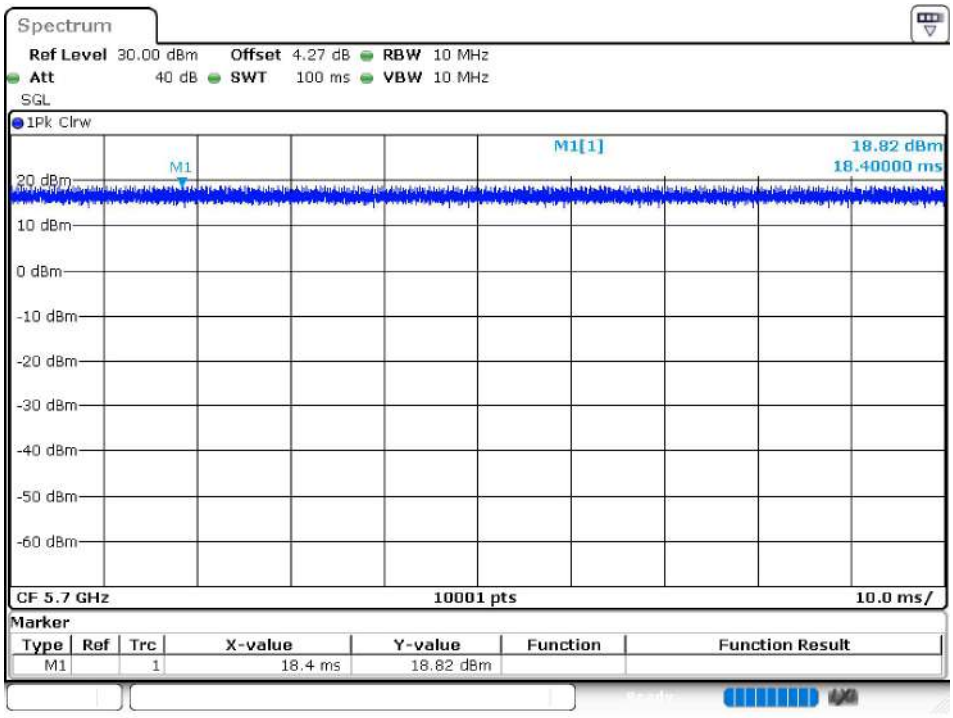
Duty Cycle NVNT n20 5500MHz Ant1



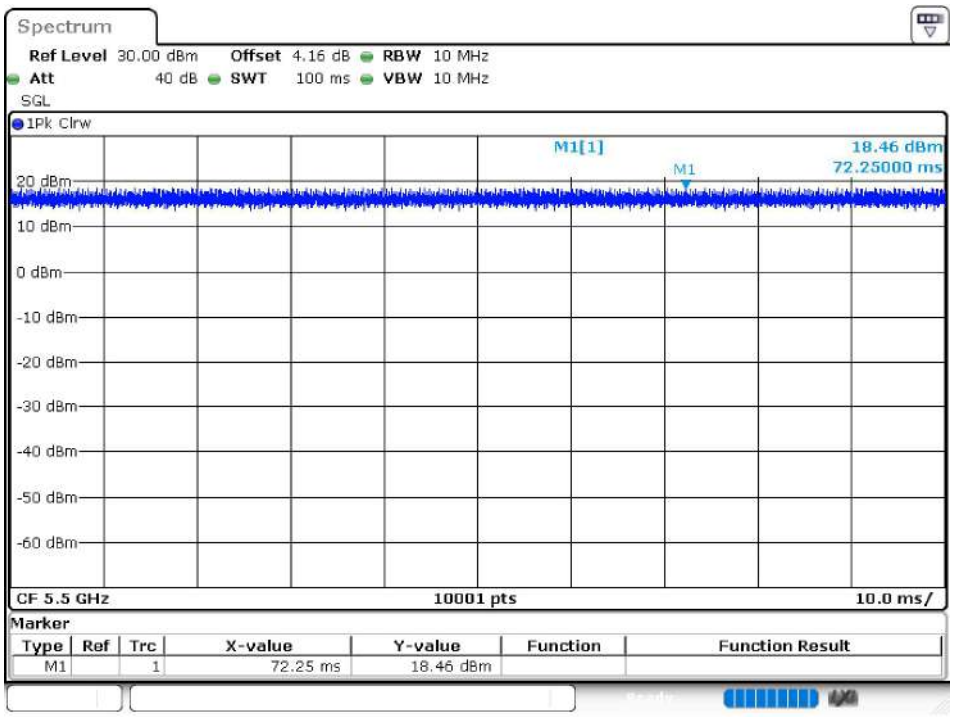
Duty Cycle NVNT n20 5600MHz Ant1



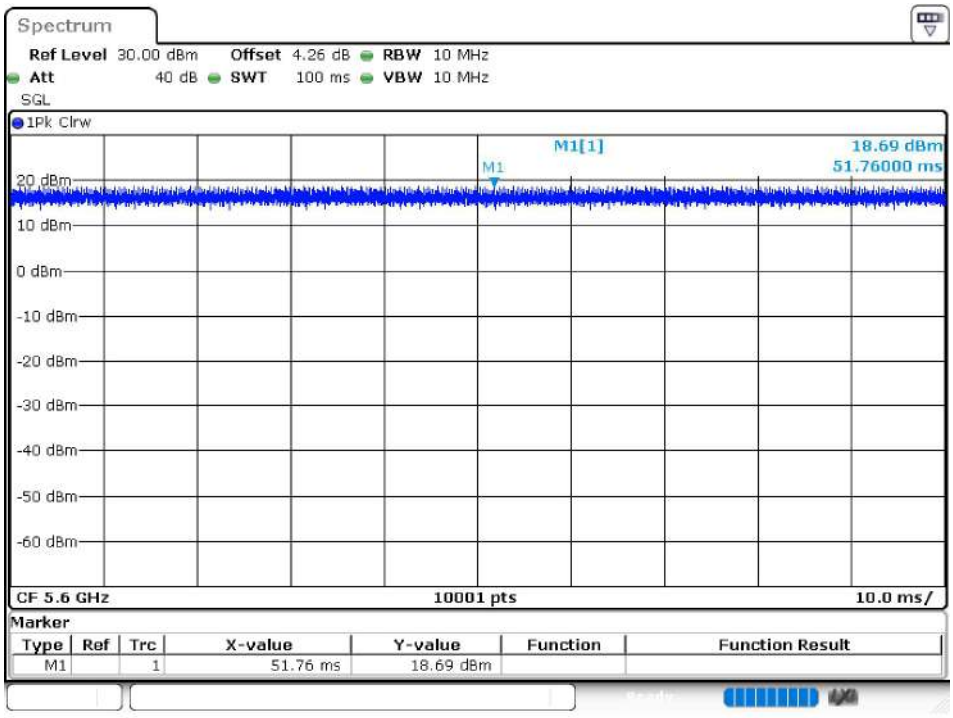
Duty Cycle NVNT n20 5700MHz Ant1



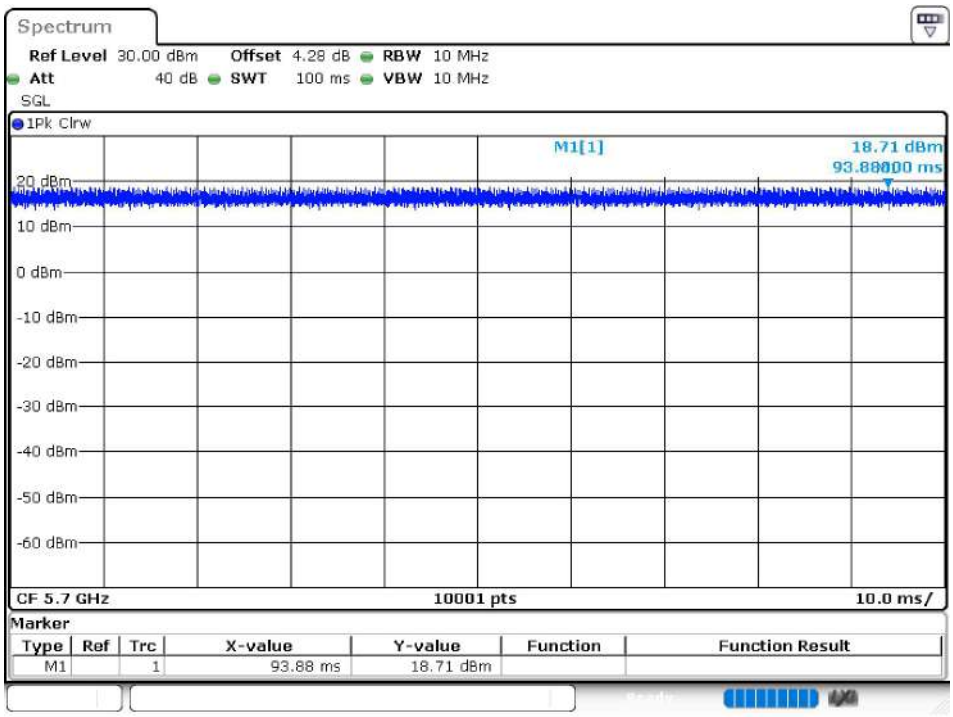
Duty Cycle NVNT n20 5500MHz Ant2



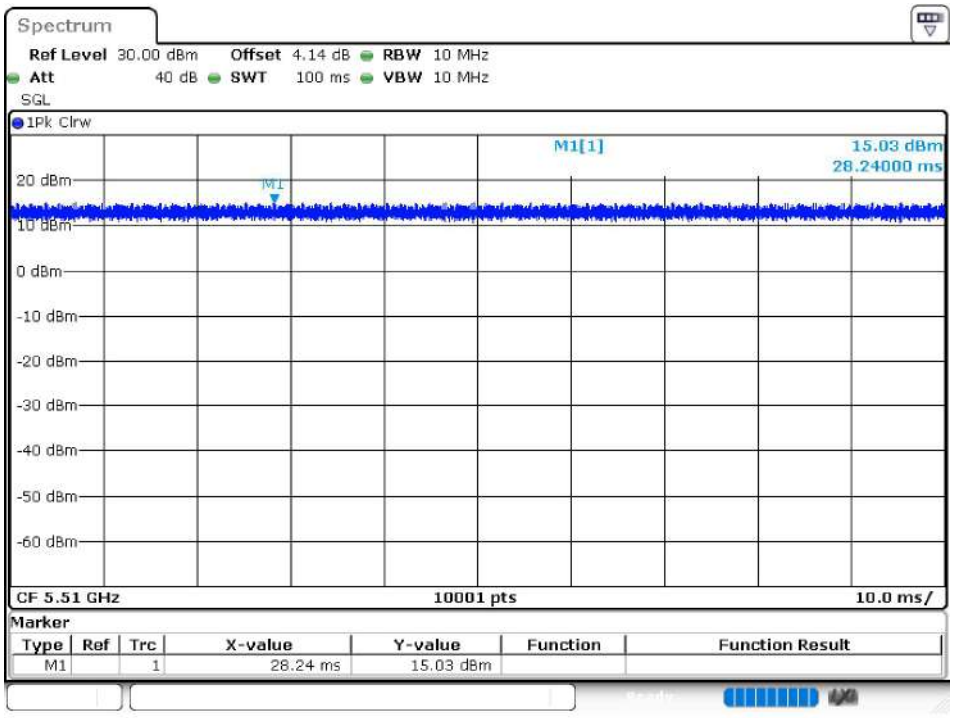
Duty Cycle NVNT n20 5600MHz Ant2



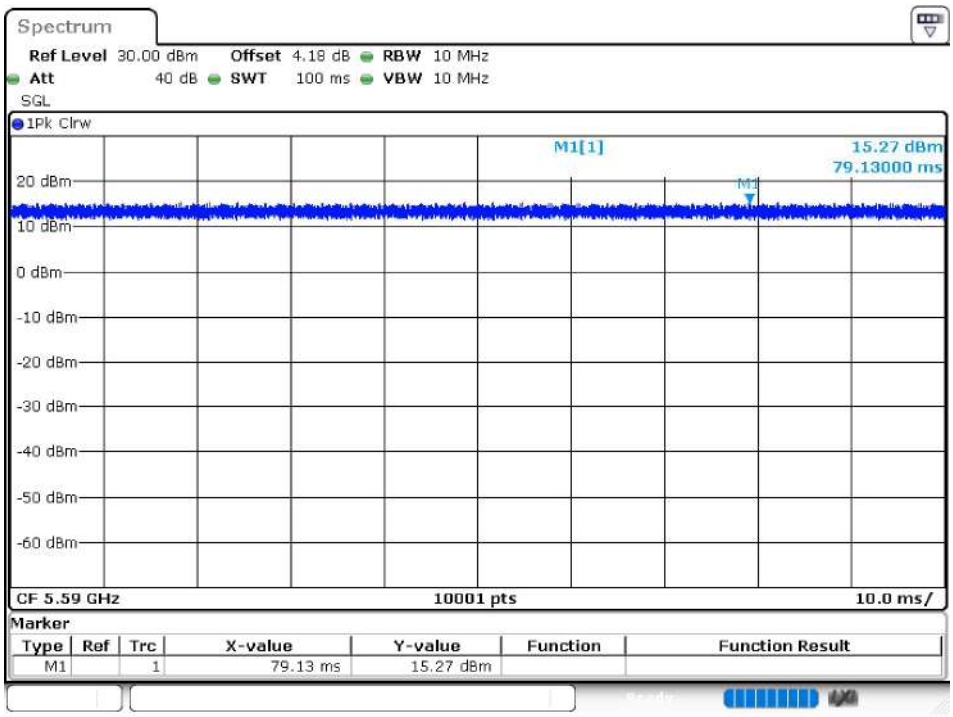
Duty Cycle NVNT n20 5700MHz Ant2



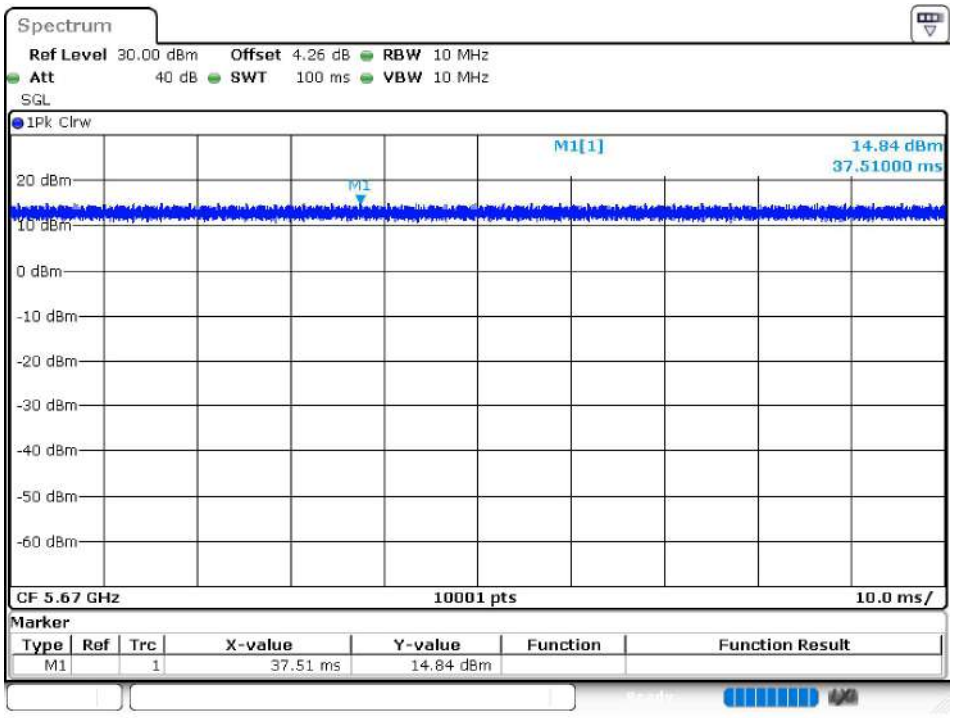
Duty Cycle NVNT n40 5510MHz Ant1



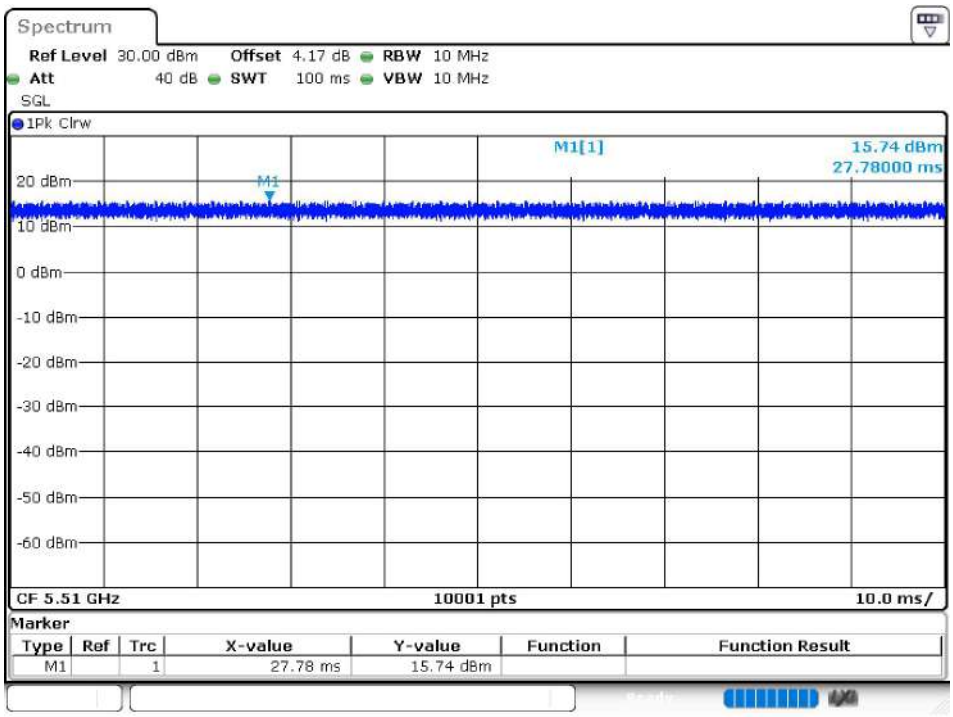
Duty Cycle NVNT n40 5590MHz Ant1



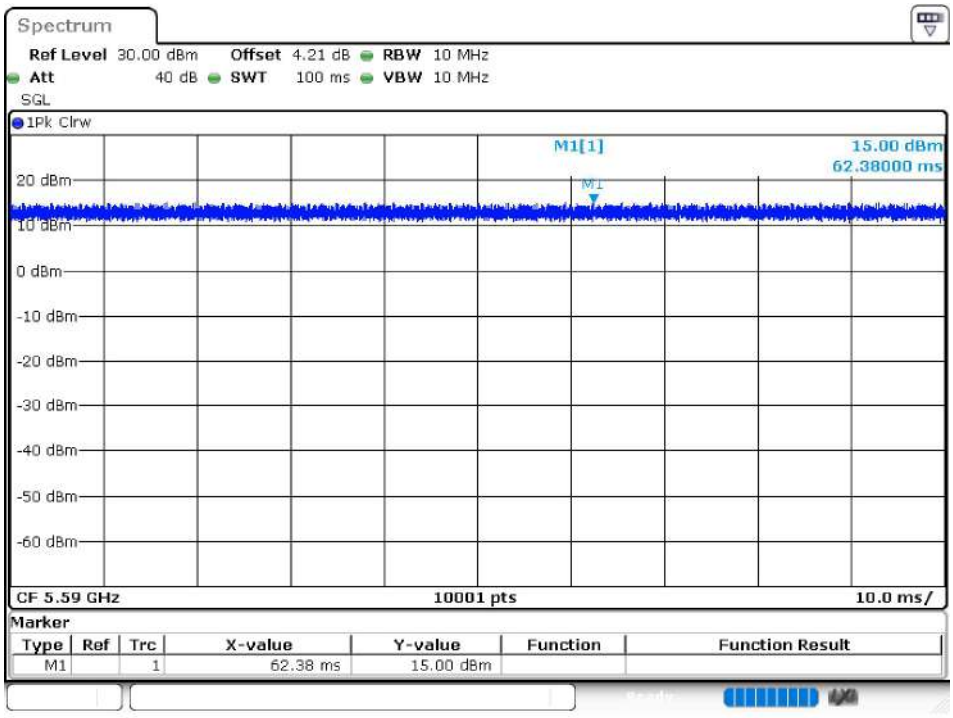
Duty Cycle NVNT n40 5670MHz Ant1



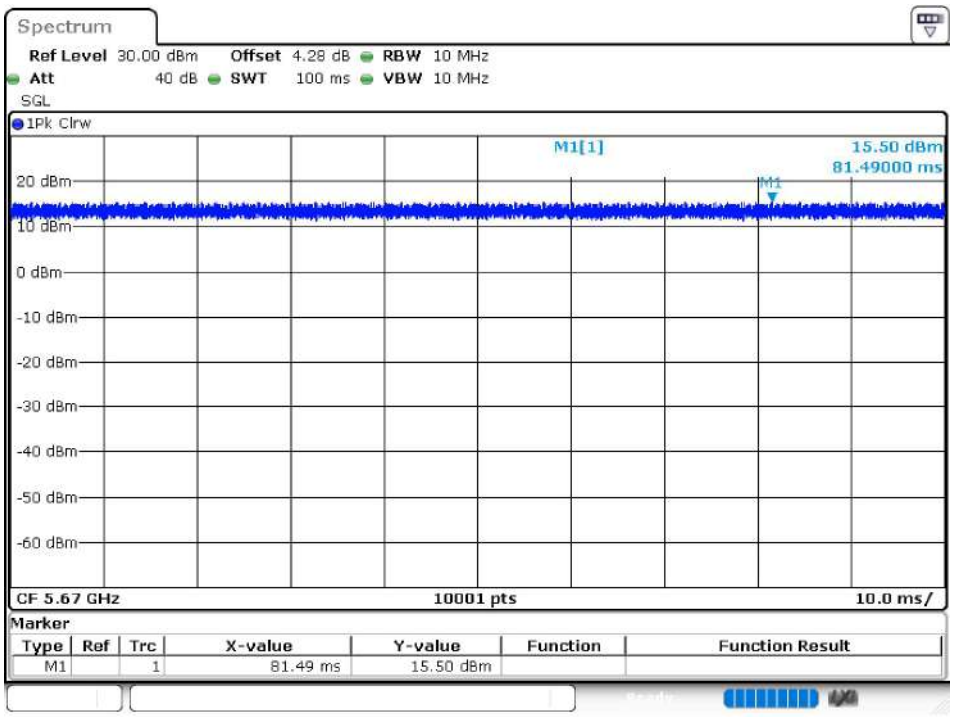
Duty Cycle NVNT n40 5510MHz Ant2



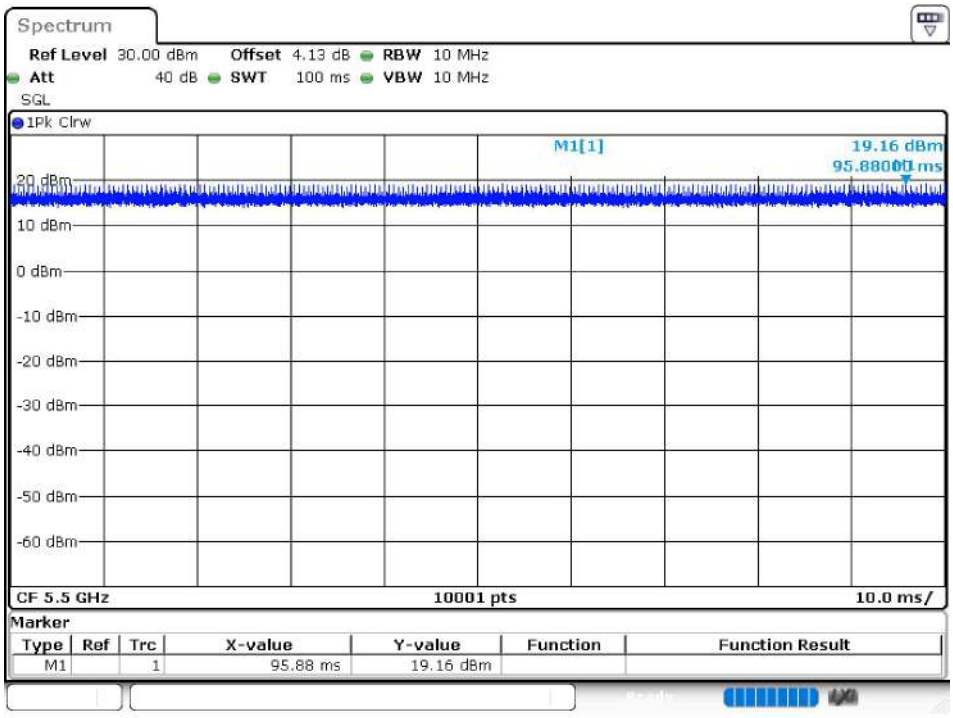
Duty Cycle NVNT n40 5590MHz Ant2



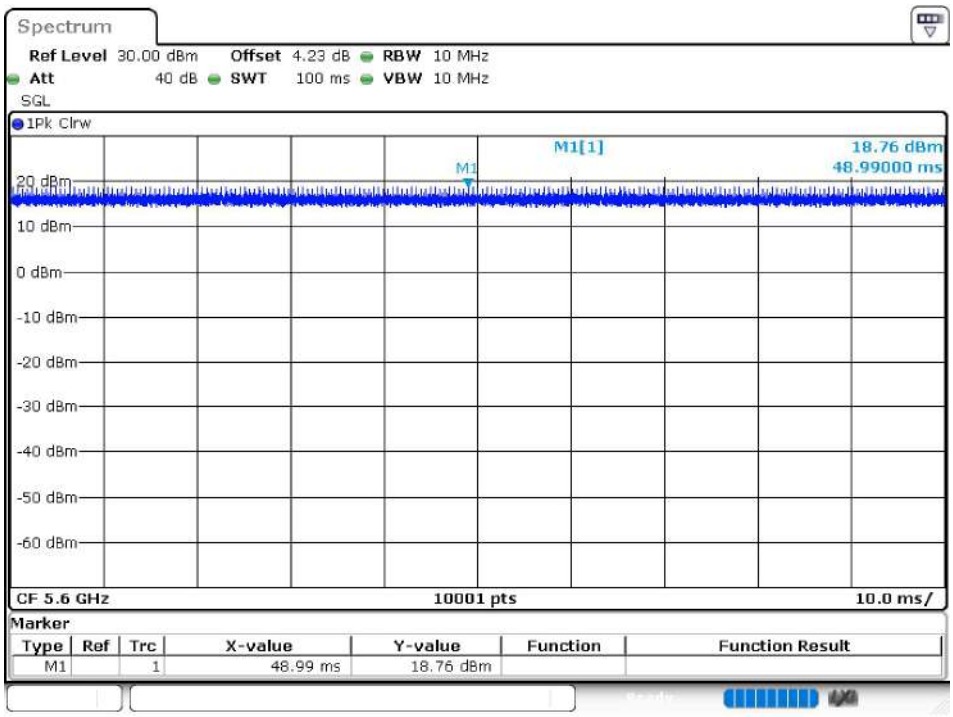
Duty Cycle NVNT n40 5670MHz Ant2



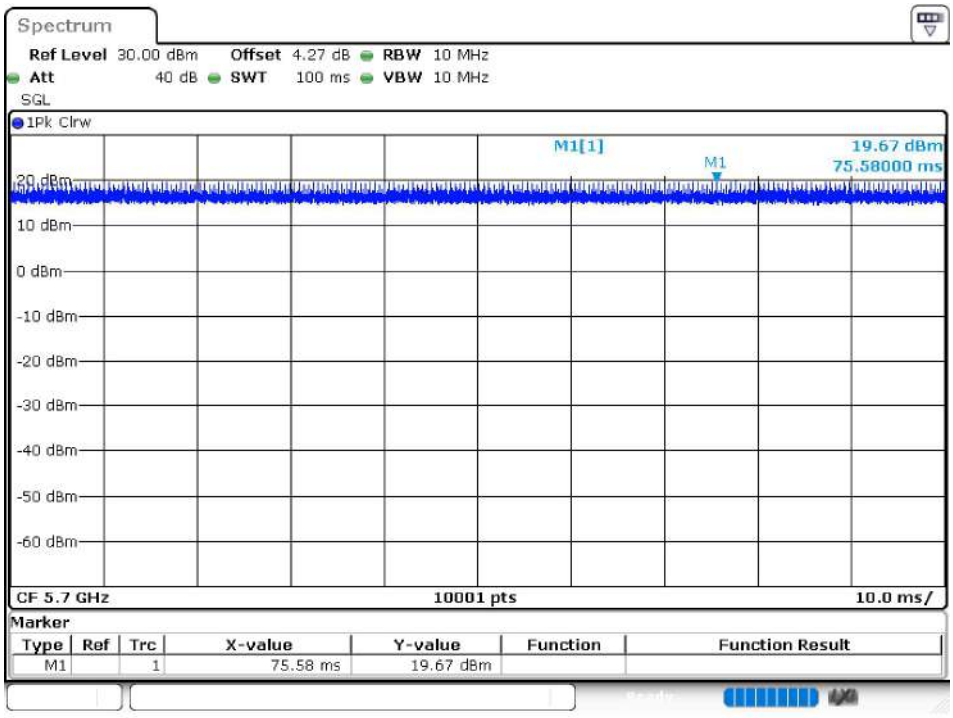
Duty Cycle NVNT ac20 5500MHz Ant1



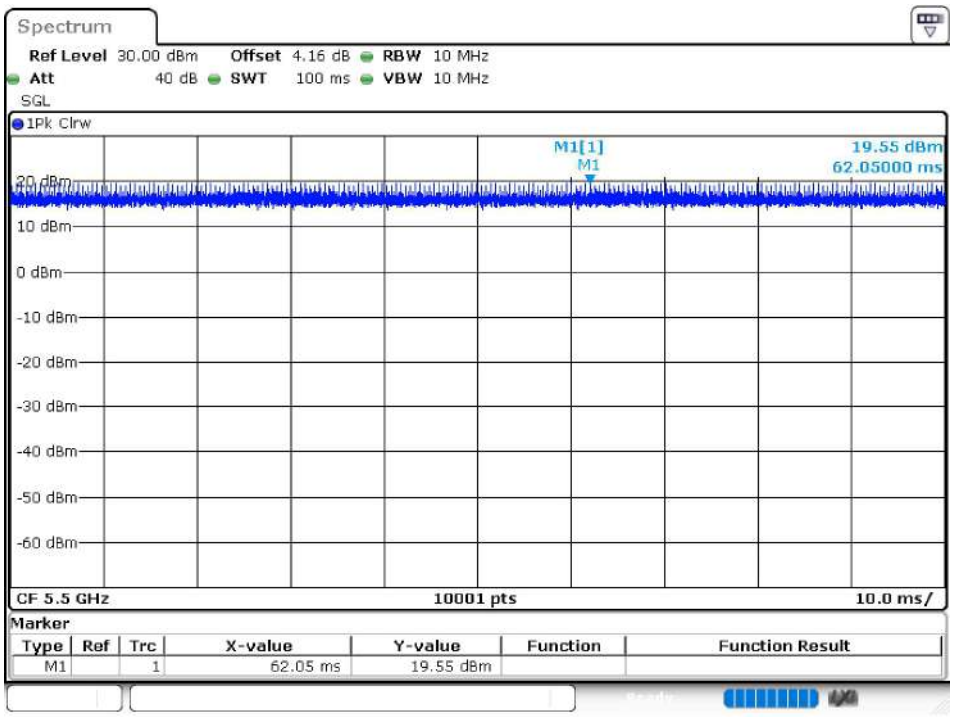
Duty Cycle NVNT ac20 5600MHz Ant1



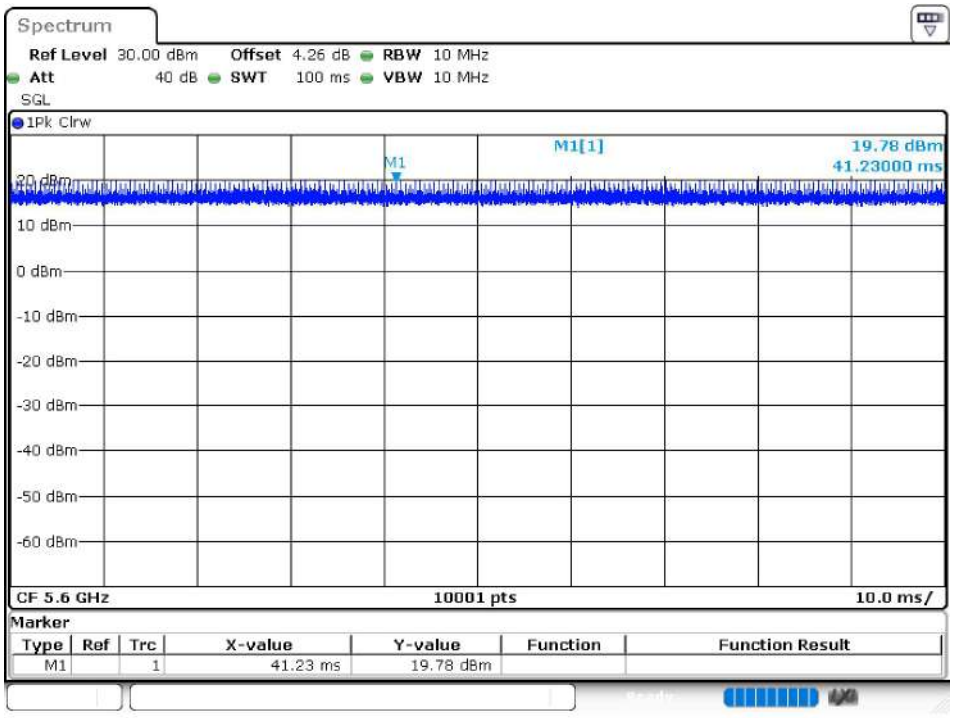
Duty Cycle NVNT ac20 5700MHz Ant1



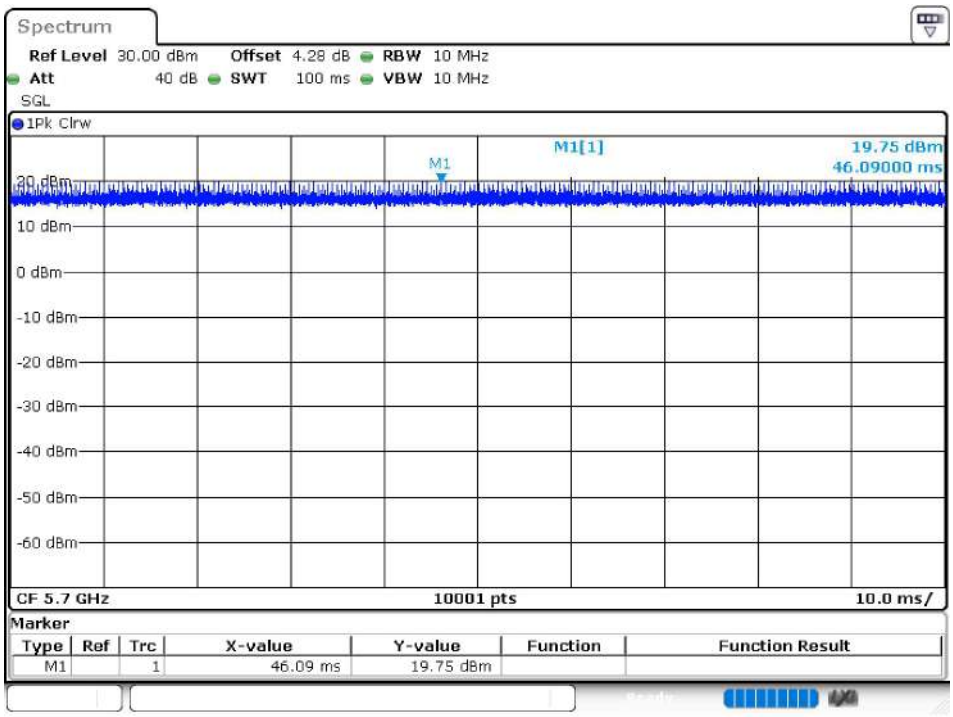
Duty Cycle NVNT ac20 5500MHz Ant2



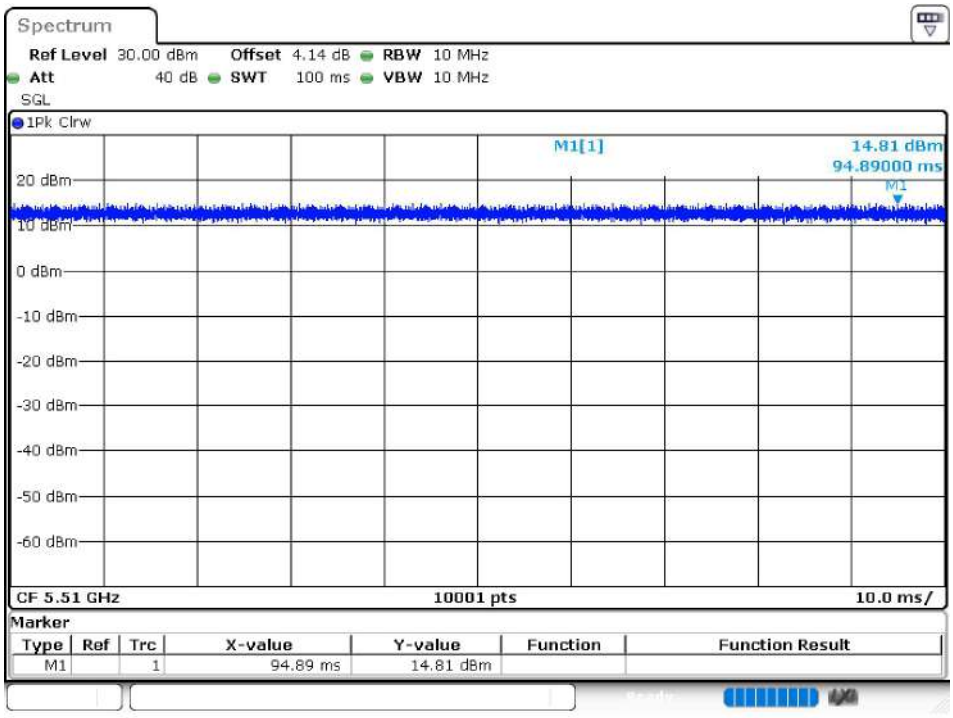
Duty Cycle NVNT ac20 5600MHz Ant2



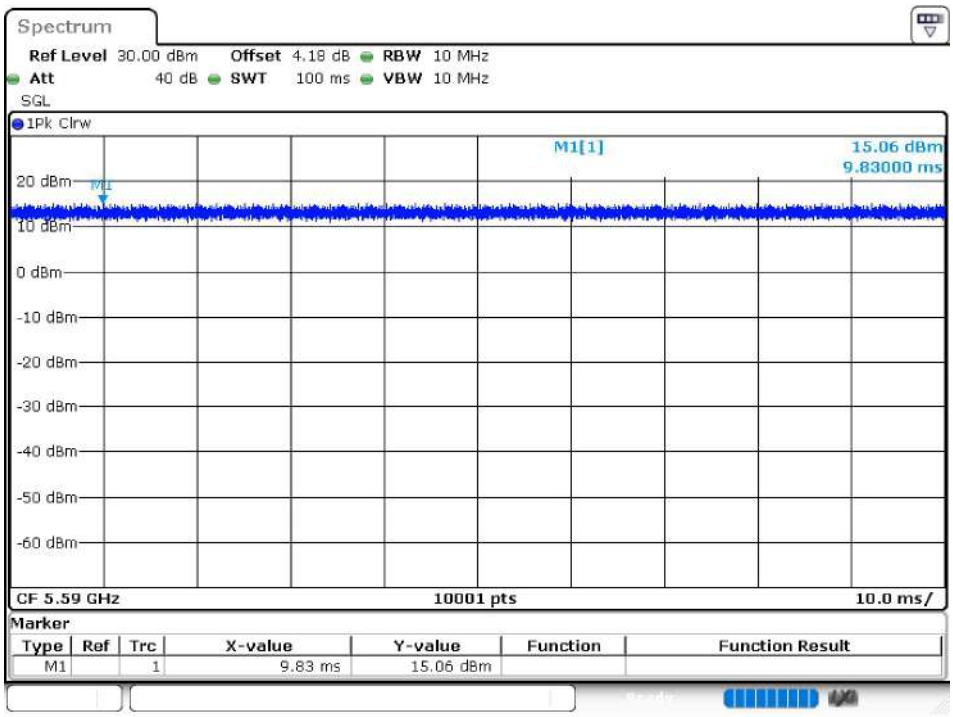
Duty Cycle NVNT ac20 5700MHz Ant2



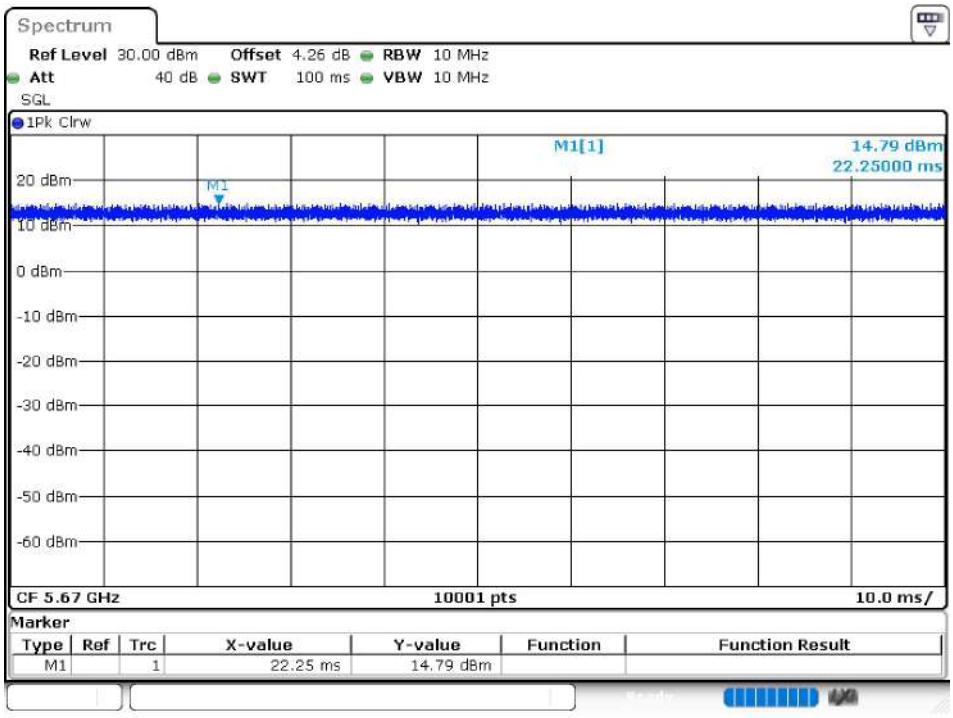
Duty Cycle NVNT ac40 5510MHz Ant1



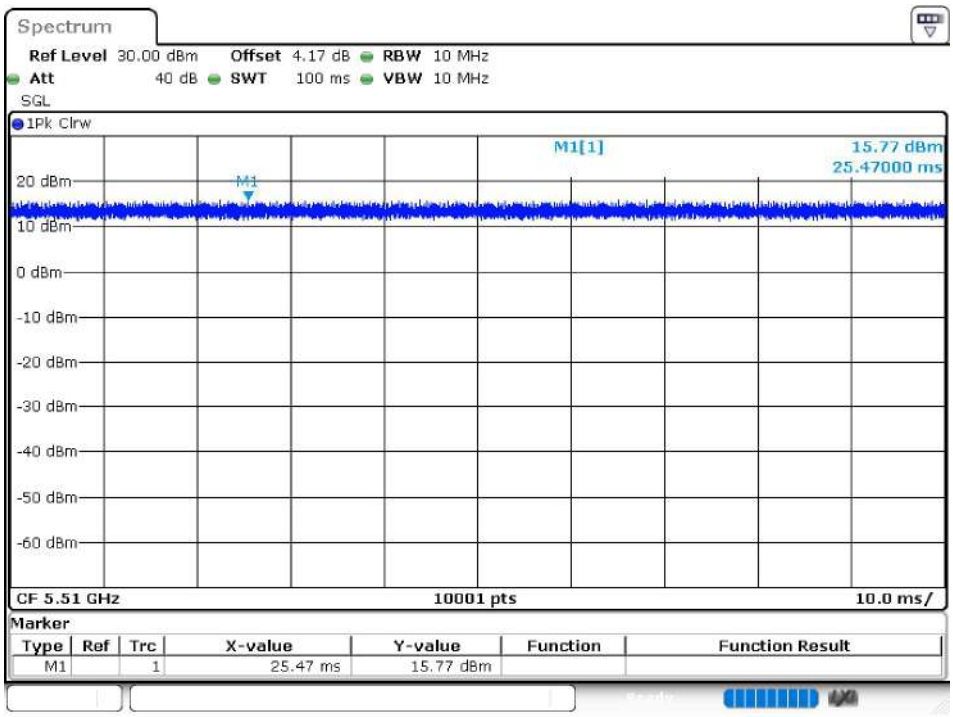
Duty Cycle NVNT ac40 5590MHz Ant1



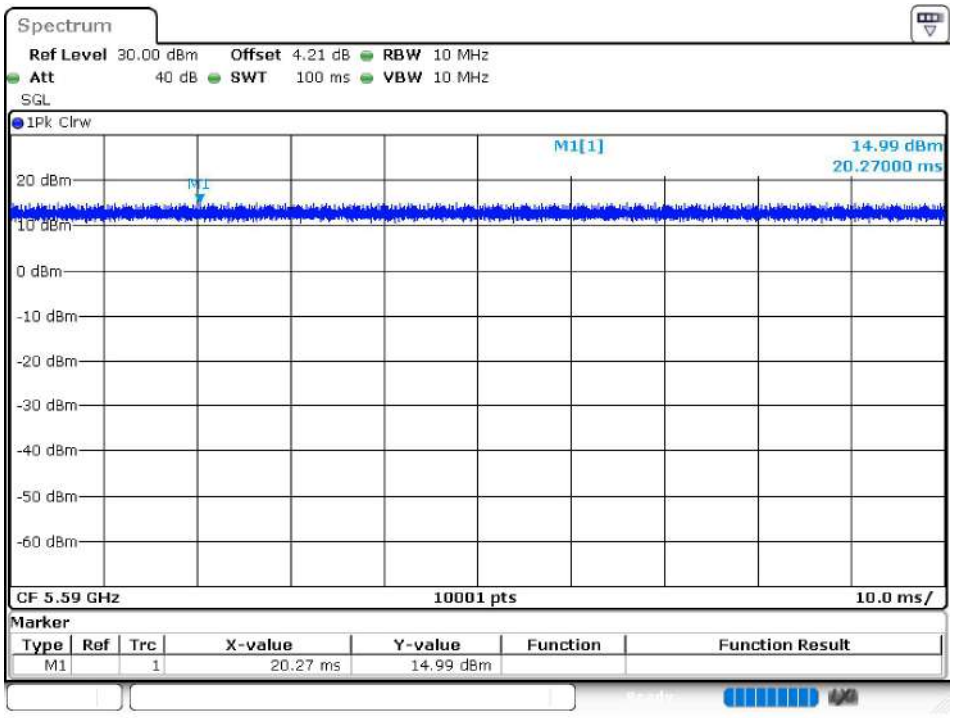
Duty Cycle NVNT ac40 5670MHz Ant1



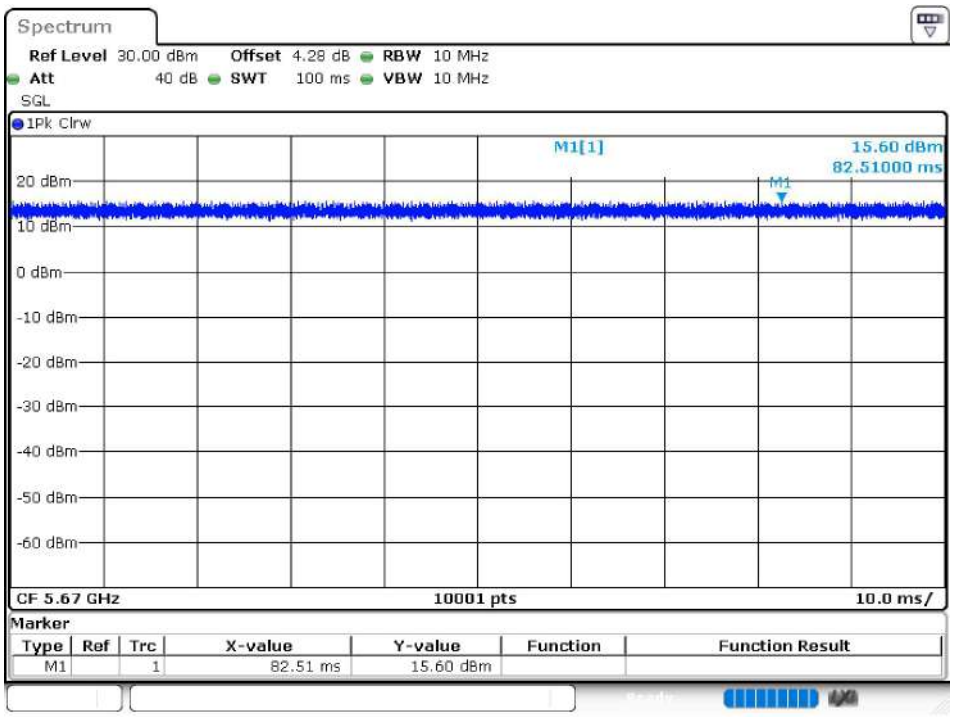
Duty Cycle NVNT ac40 5510MHz Ant2



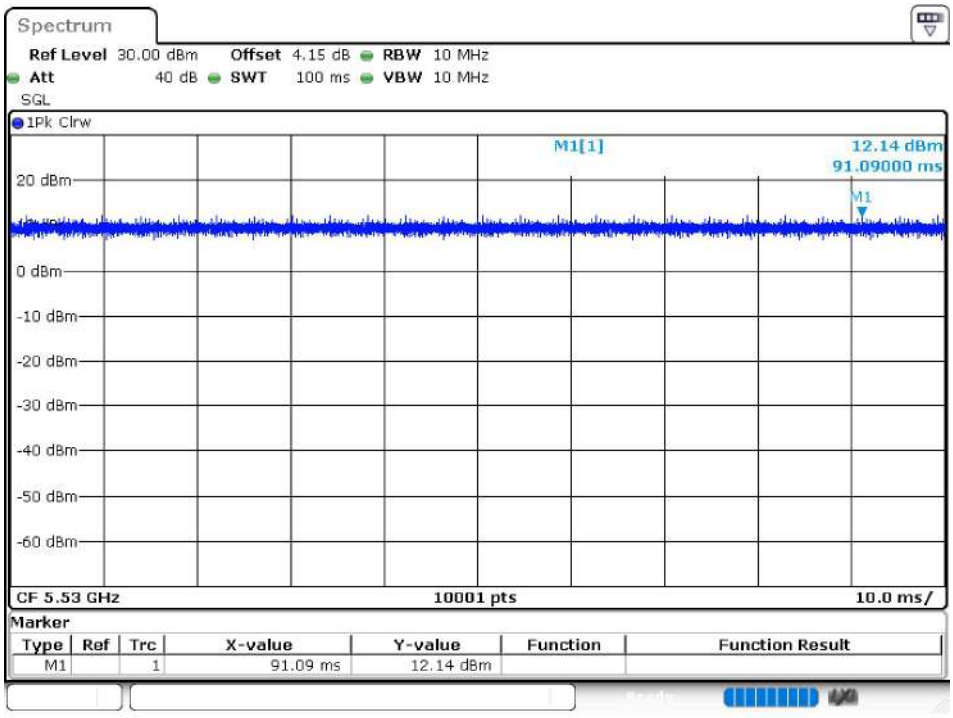
Duty Cycle NVNT ac40 5590MHz Ant2



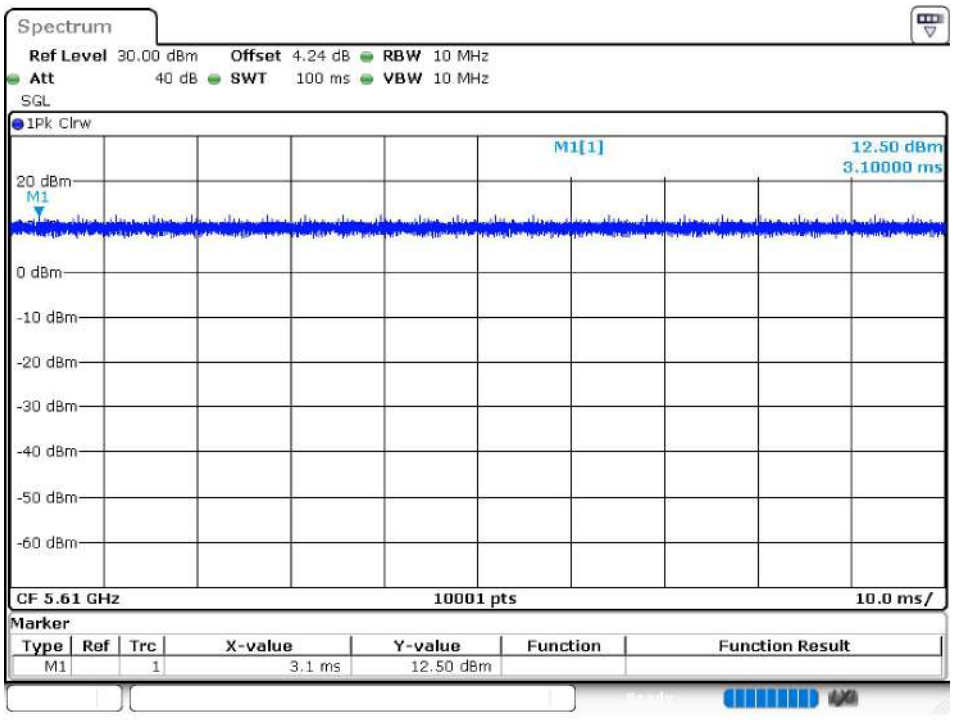
Duty Cycle NVNT ac40 5670MHz Ant2



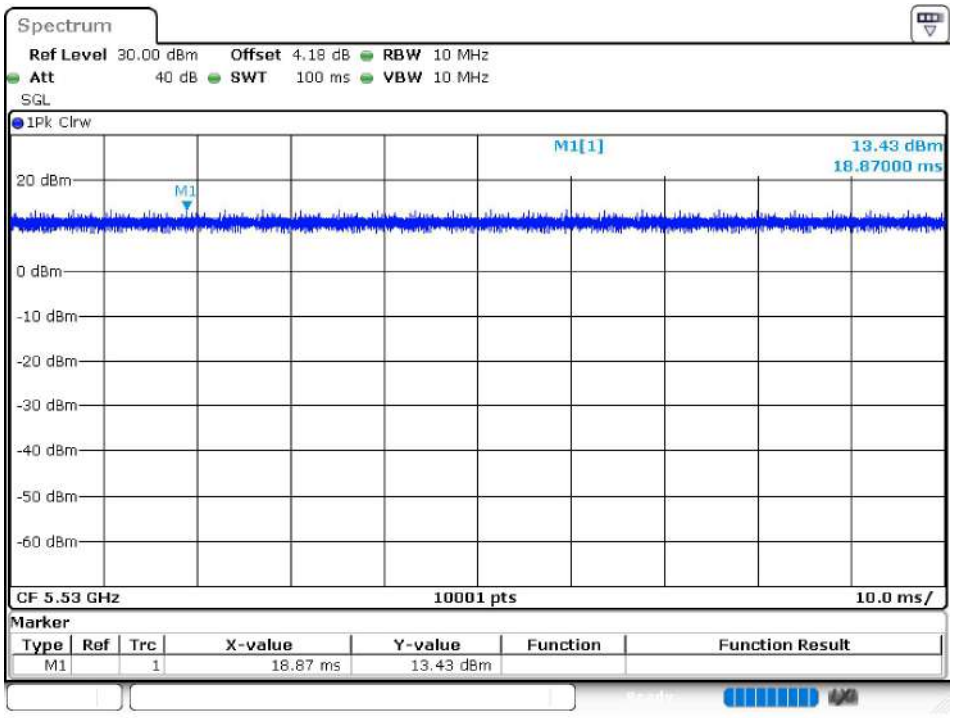
Duty Cycle NVNT ac80 5530MHz Ant1



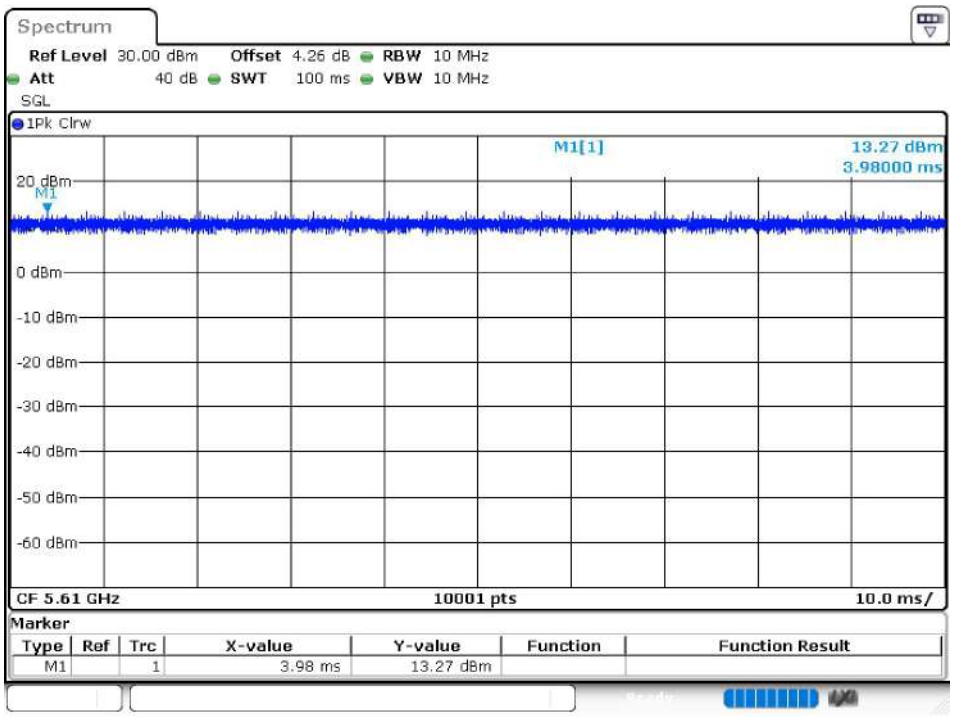
Duty Cycle NVNT ac80 5610MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant2



Duty Cycle NVNT ac80 5610MHz Ant2



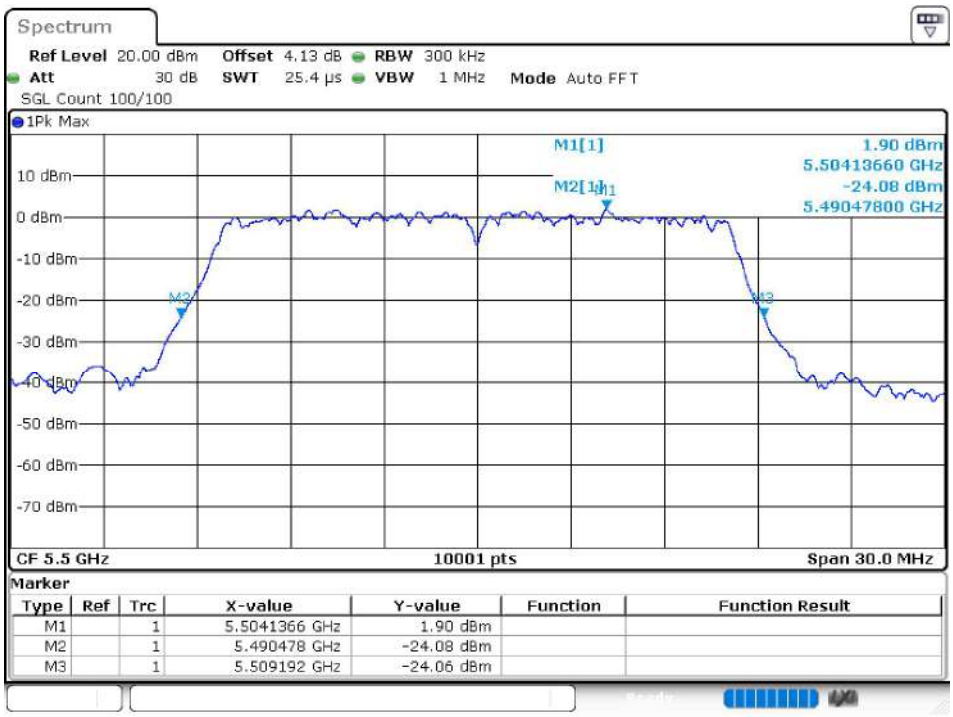
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	11.98	24	Pass
NVNT	a	5600	Ant1	11.74	24	Pass
NVNT	a	5700	Ant1	11.79	24	Pass
NVNT	a	5500	Ant2	12.21	24	Pass
NVNT	a	5600	Ant2	12.23	24	Pass
NVNT	a	5700	Ant2	12.12	24	Pass
NVNT	n20	5500	Ant1	11.78	24	Pass
NVNT	n20	5600	Ant1	11.95	24	Pass
NVNT	n20	5700	Ant1	11.89	24	Pass
NVNT	n20	5500	Ant2	12.17	24	Pass
NVNT	n20	5600	Ant2	12.08	24	Pass
NVNT	n20	5700	Ant2	12.08	24	Pass
NVNT	n40	5510	Ant1	11.42	24	Pass
NVNT	n40	5590	Ant1	11.73	24	Pass
NVNT	n40	5670	Ant1	10.94	24	Pass
NVNT	n40	5510	Ant2	11.88	24	Pass
NVNT	n40	5590	Ant2	11.34	24	Pass
NVNT	n40	5670	Ant2	12	24	Pass
NVNT	ac20	5500	Ant1	11.87	24	Pass
NVNT	ac20	5600	Ant1	11.71	24	Pass
NVNT	ac20	5700	Ant1	11.57	24	Pass
NVNT	ac20	5500	Ant2	12.12	24	Pass
NVNT	ac20	5600	Ant2	12.12	24	Pass
NVNT	ac20	5700	Ant2	12.07	24	Pass
NVNT	ac40	5510	Ant1	11.2	24	Pass
NVNT	ac40	5590	Ant1	11.59	24	Pass
NVNT	ac40	5670	Ant1	11.17	24	Pass
NVNT	ac40	5510	Ant2	11.86	24	Pass
NVNT	ac40	5590	Ant2	11.34	24	Pass
NVNT	ac40	5670	Ant2	12.03	24	Pass
NVNT	ac80	5530	Ant1	10.13	24	Pass
NVNT	ac80	5610	Ant1	11.02	24	Pass
NVNT	ac80	5530	Ant2	11.48	24	Pass
NVNT	ac80	5610	Ant2	11.43	24	Pass

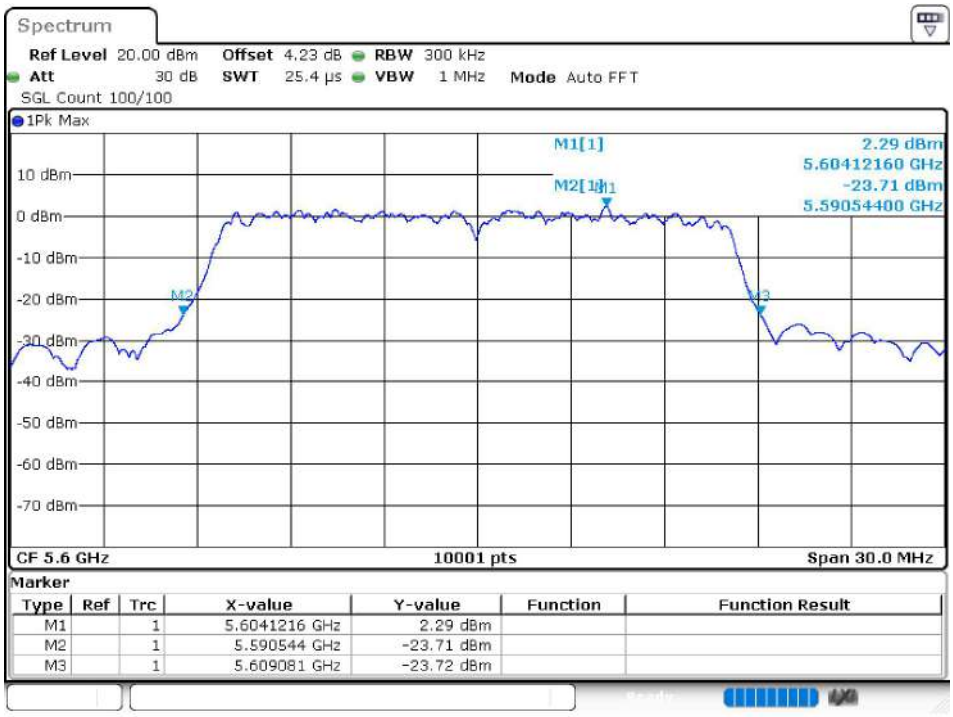
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	18.714	Pass
NVNT	a	5600	Ant1	18.537	Pass
NVNT	a	5700	Ant1	18.321	Pass
NVNT	a	5500	Ant2	18.123	Pass
NVNT	a	5600	Ant2	18.603	Pass
NVNT	a	5700	Ant2	18.273	Pass
NVNT	n20	5500	Ant1	19.428	Pass
NVNT	n20	5600	Ant1	19.476	Pass
NVNT	n20	5700	Ant1	19.443	Pass
NVNT	n20	5500	Ant2	19.455	Pass
NVNT	n20	5600	Ant2	19.656	Pass
NVNT	n20	5700	Ant2	19.5	Pass
NVNT	n40	5510	Ant1	41.826	Pass
NVNT	n40	5590	Ant1	41.706	Pass
NVNT	n40	5670	Ant1	41.748	Pass
NVNT	n40	5510	Ant2	41.85	Pass
NVNT	n40	5590	Ant2	41.748	Pass
NVNT	n40	5670	Ant2	41.298	Pass
NVNT	ac20	5500	Ant1	19.611	Pass
NVNT	ac20	5600	Ant1	19.572	Pass
NVNT	ac20	5700	Ant1	19.506	Pass
NVNT	ac20	5500	Ant2	19.446	Pass
NVNT	ac20	5600	Ant2	19.428	Pass
NVNT	ac20	5700	Ant2	19.443	Pass
NVNT	ac40	5510	Ant1	41.628	Pass
NVNT	ac40	5590	Ant1	41.502	Pass
NVNT	ac40	5670	Ant1	41.682	Pass
NVNT	ac40	5510	Ant2	41.772	Pass
NVNT	ac40	5590	Ant2	41.646	Pass
NVNT	ac40	5670	Ant2	41.592	Pass
NVNT	ac80	5530	Ant1	81.084	Pass
NVNT	ac80	5610	Ant1	81.516	Pass
NVNT	ac80	5530	Ant2	81.324	Pass
NVNT	ac80	5610	Ant2	81.528	Pass

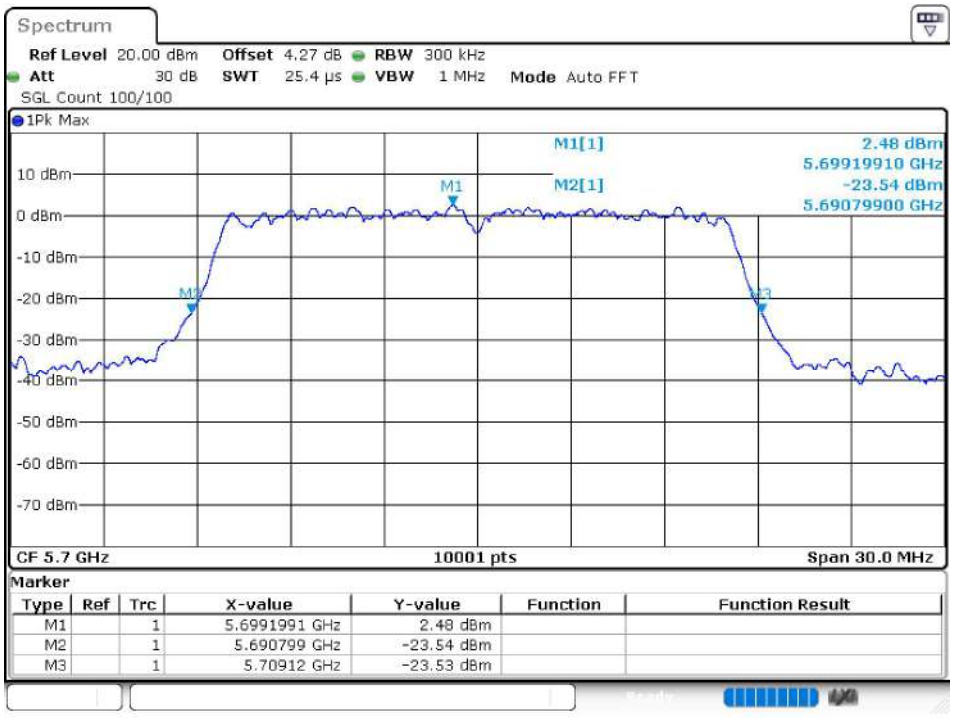
Test Graphs
-26dB Bandwidth NVNT a 5500MHz Ant1



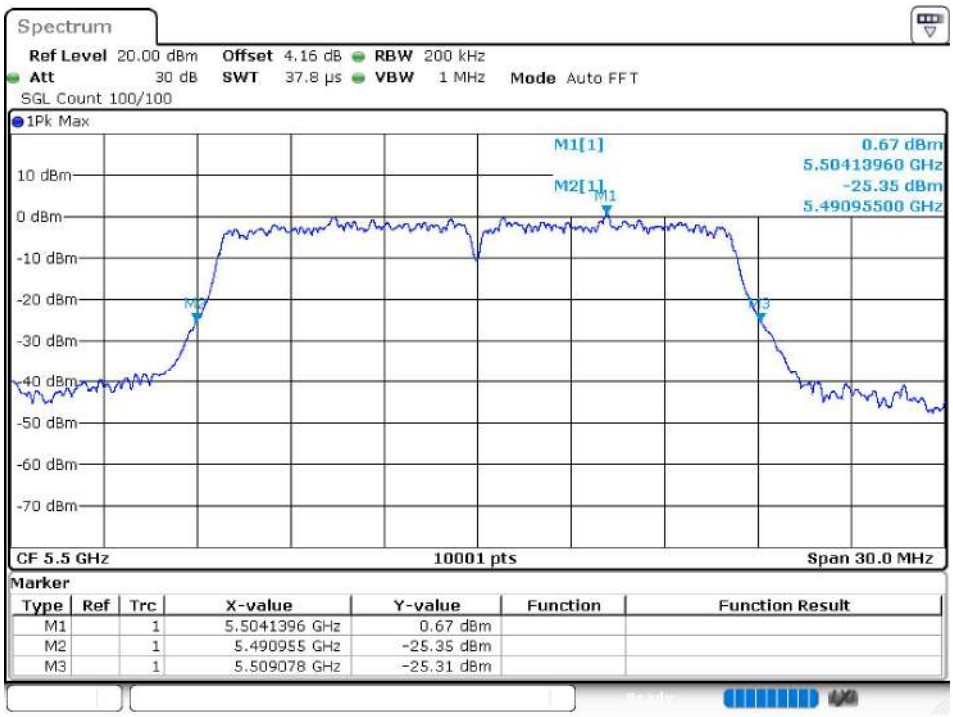
-26dB Bandwidth NVNT a 5600MHz Ant1



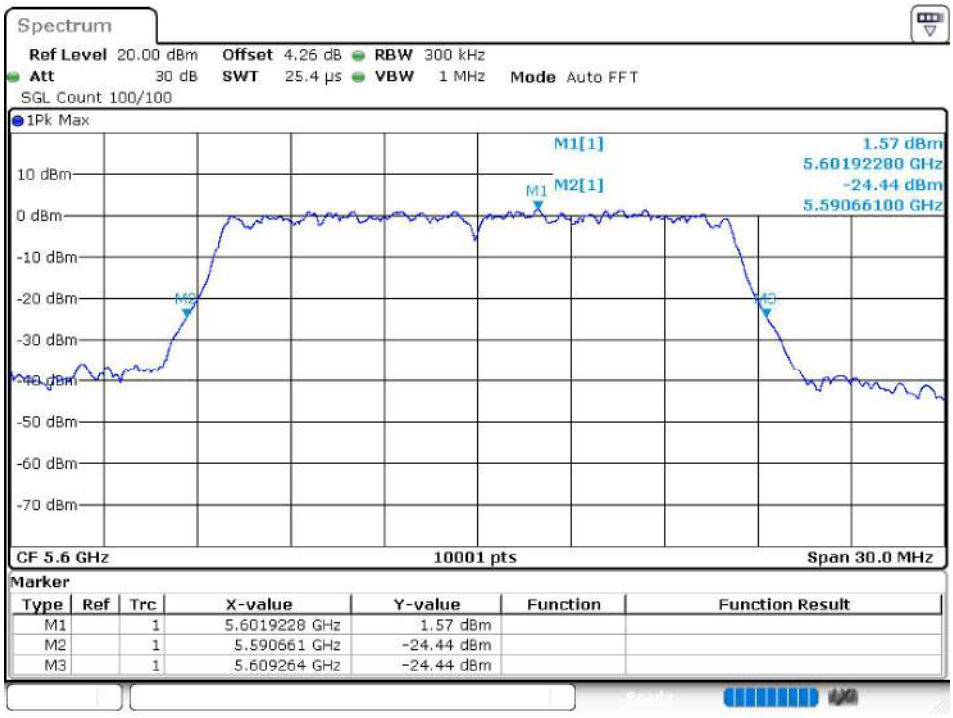
-26dB Bandwidth NVNT a 5700MHz Ant1



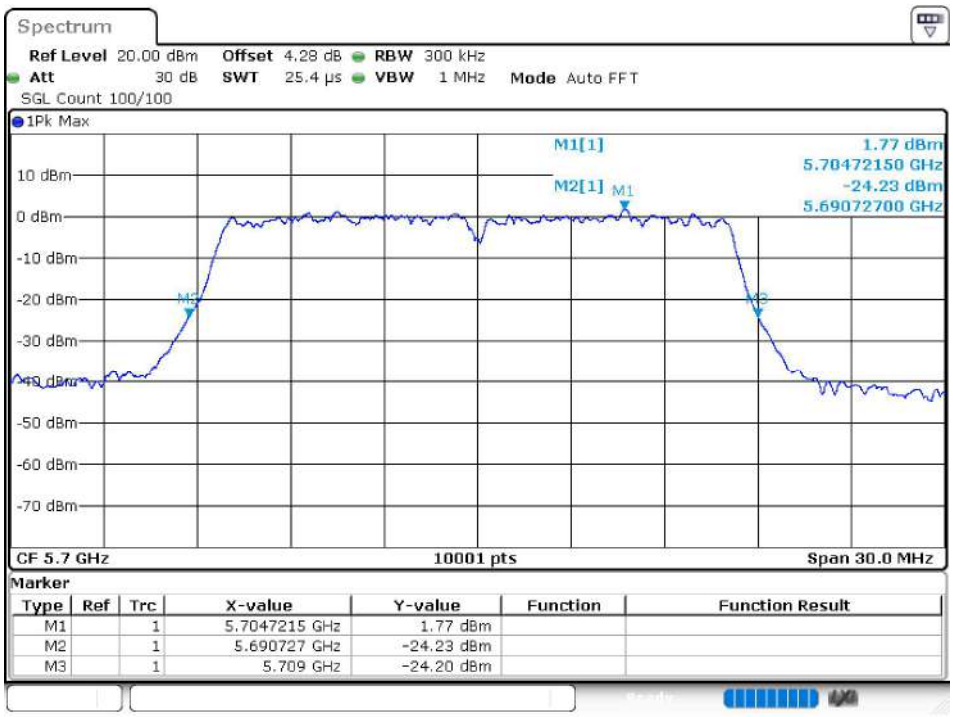
-26dB Bandwidth NVNT a 5500MHz Ant2



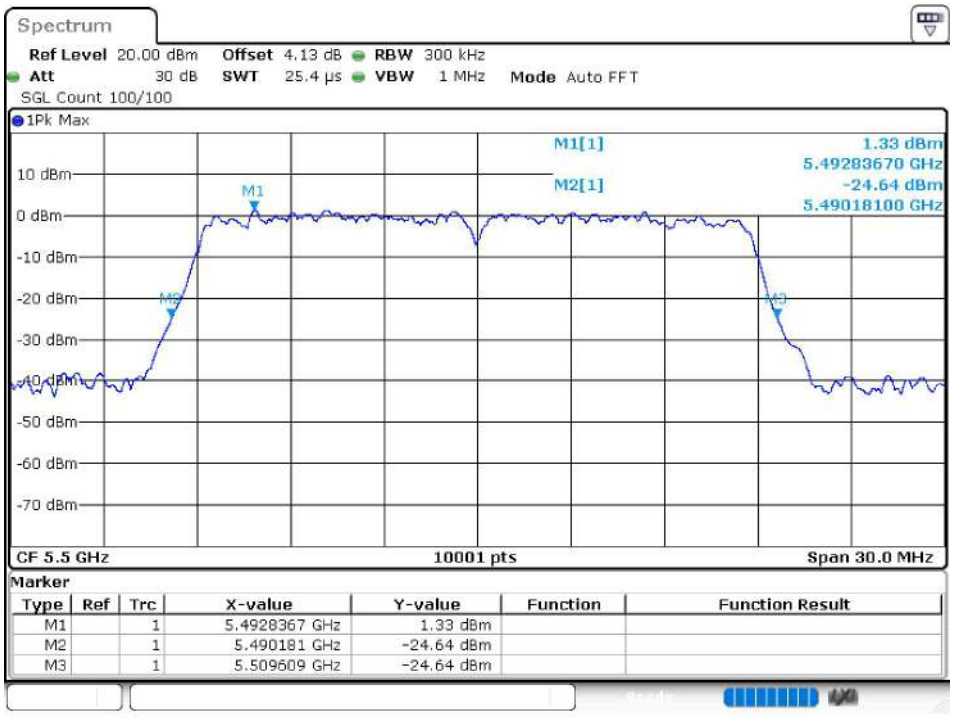
-26dB Bandwidth NVNT a 5600MHz Ant2



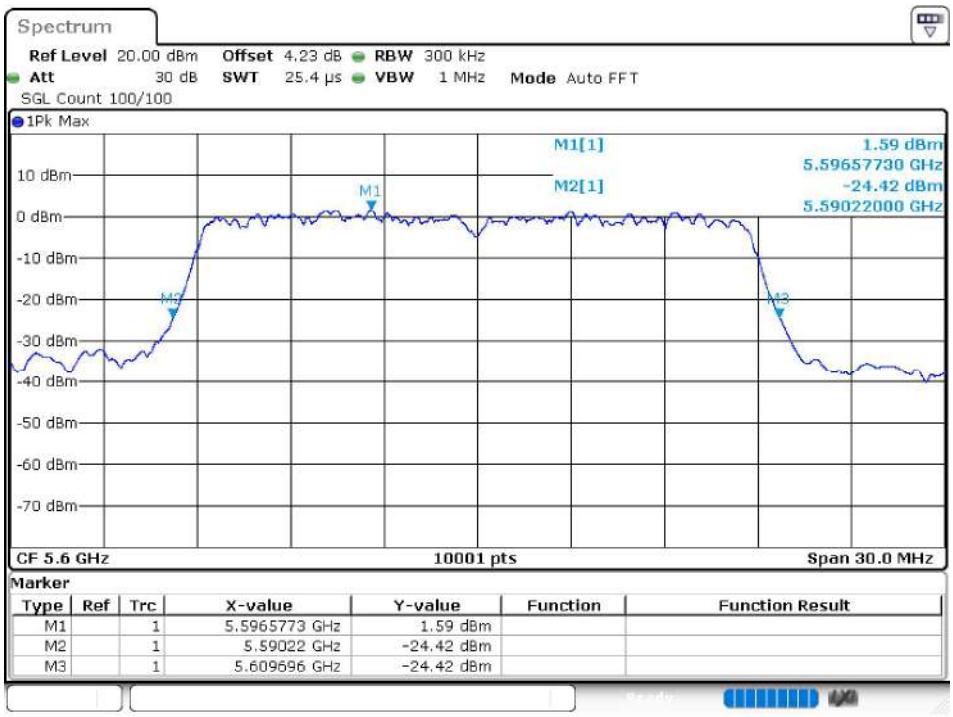
-26dB Bandwidth NVNT a 5700MHz Ant2



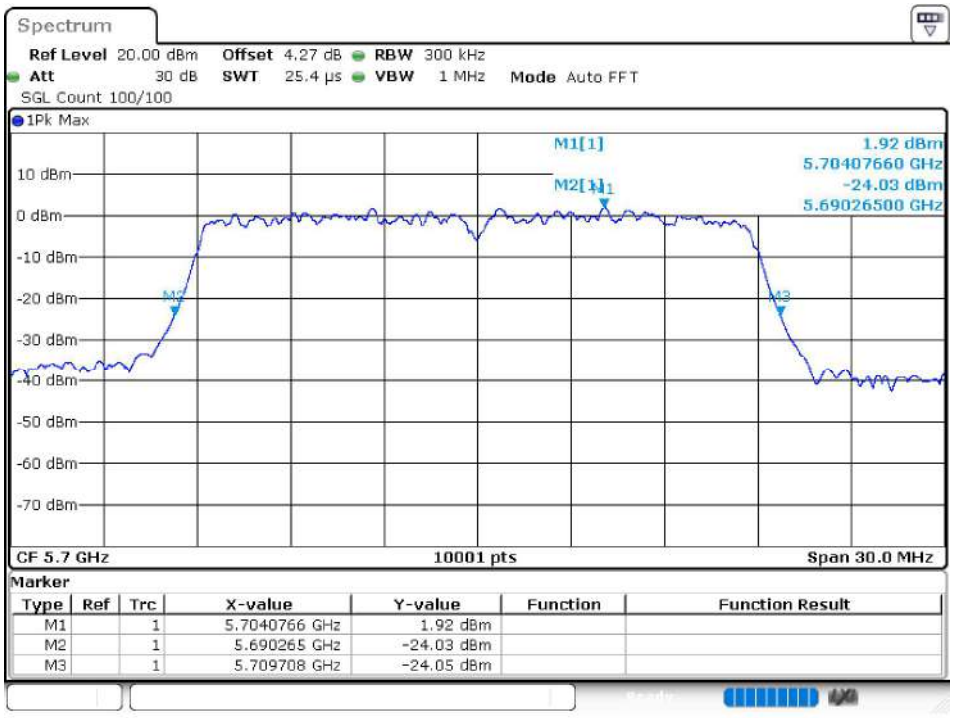
-26dB Bandwidth NVNT n20 5500MHz Ant1



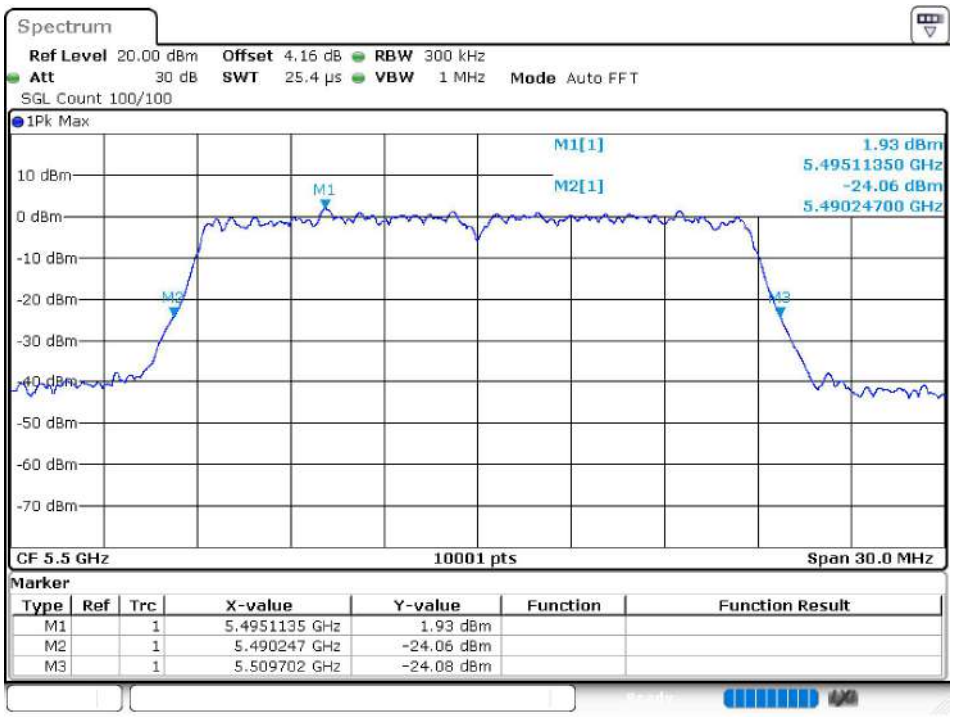
-26dB Bandwidth NVNT n20 5600MHz Ant1



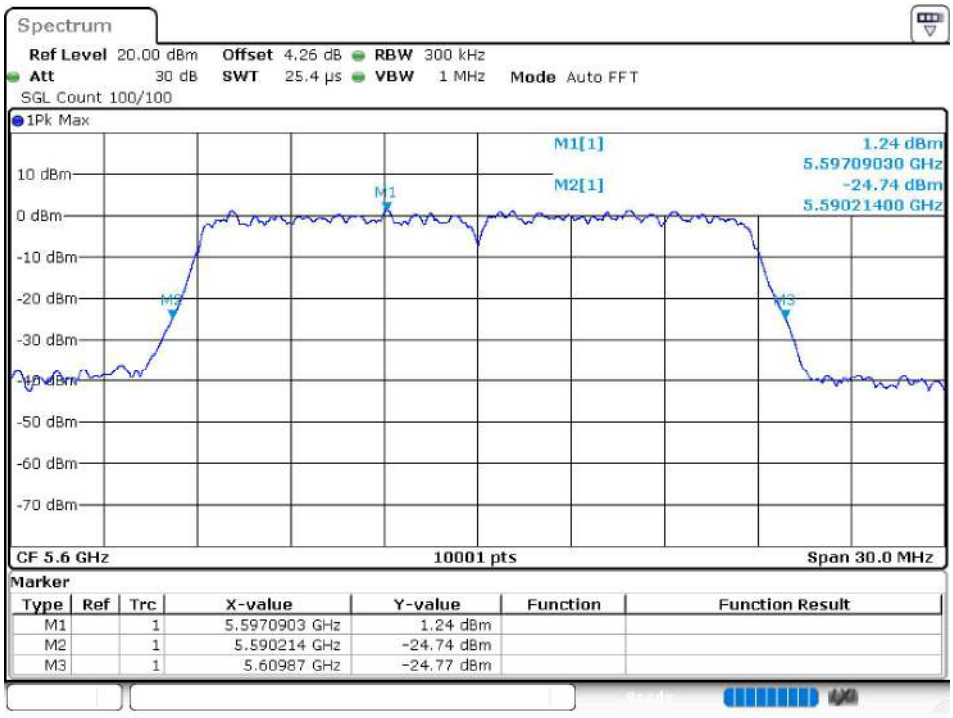
-26dB Bandwidth NVNT n20 5700MHz Ant1



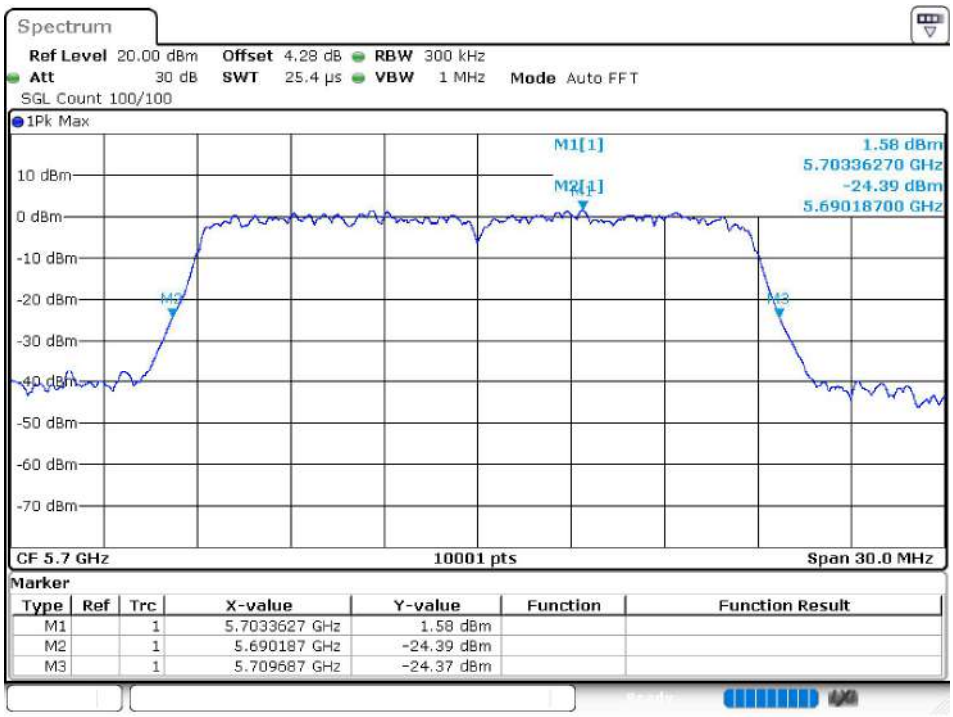
-26dB Bandwidth NVNT n20 5500MHz Ant2



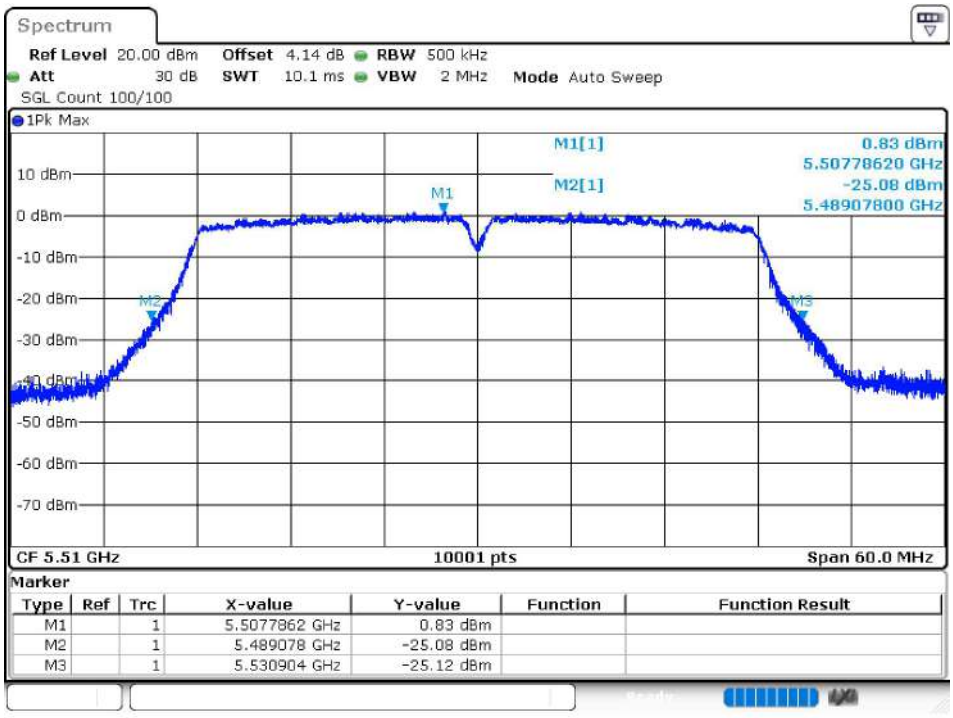
-26dB Bandwidth NVNT n20 5600MHz Ant2



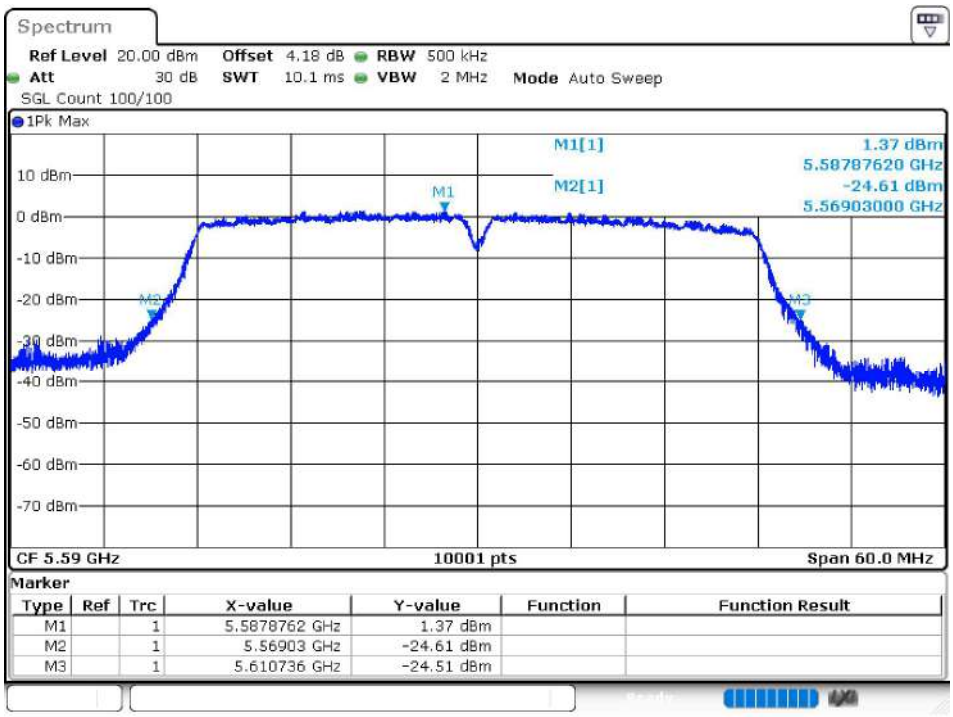
-26dB Bandwidth NVNT n20 5700MHz Ant2



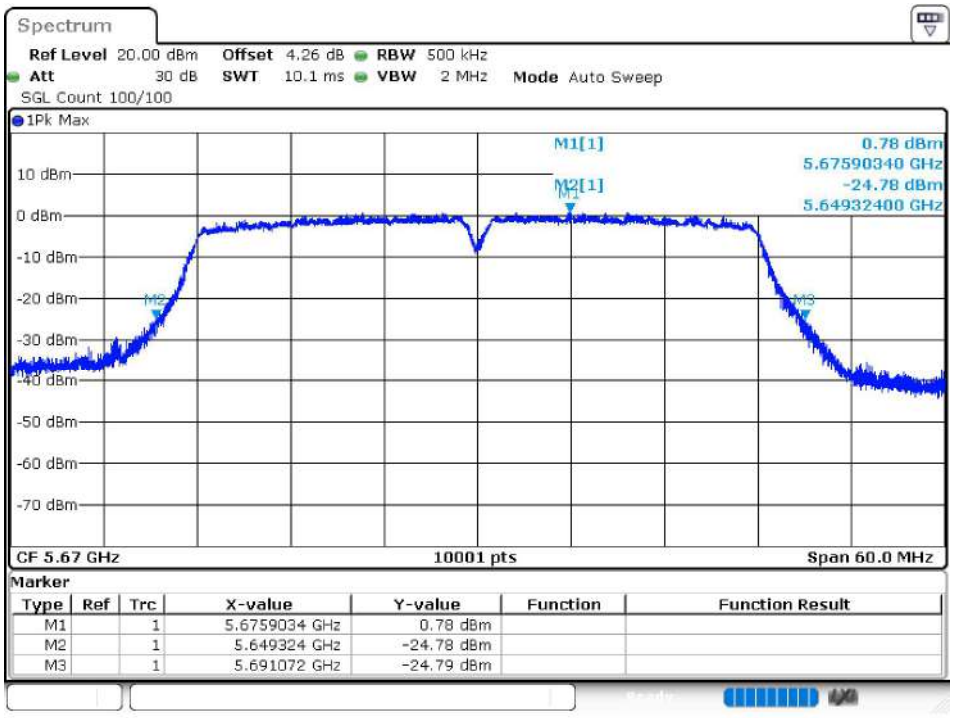
-26dB Bandwidth NVNT n40 5510MHz Ant1



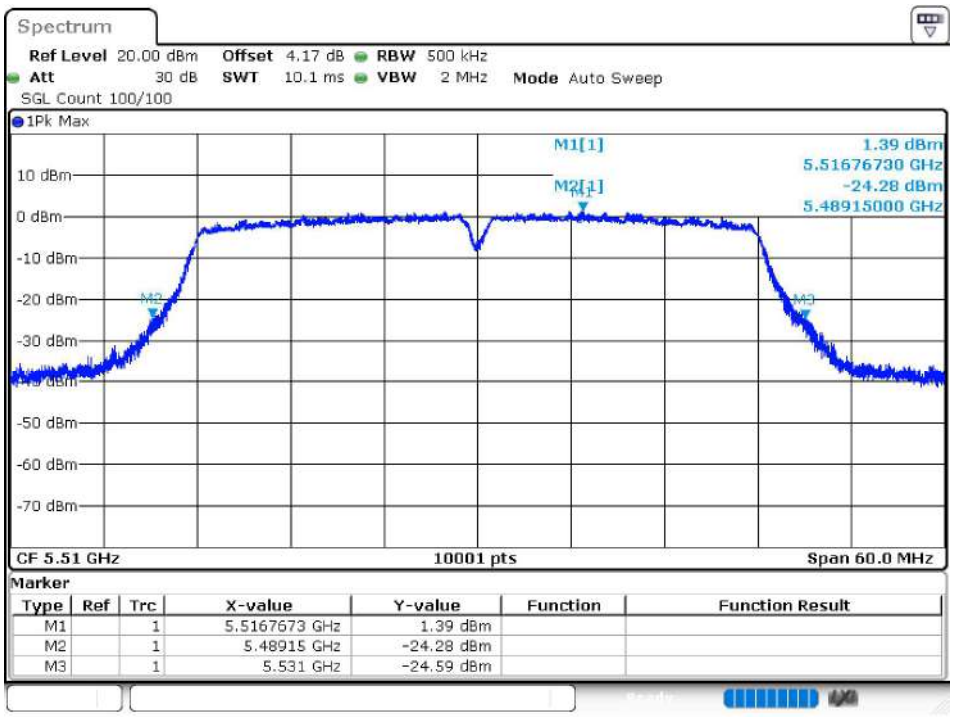
-26dB Bandwidth NVNT n40 5590MHz Ant1



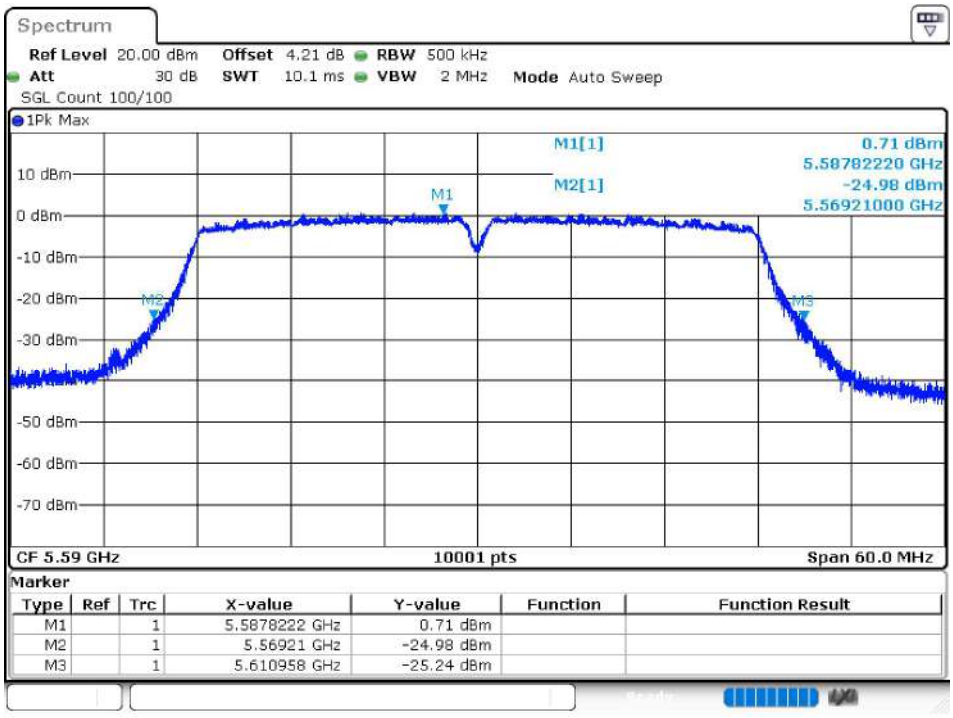
-26dB Bandwidth NVNT n40 5670MHz Ant1



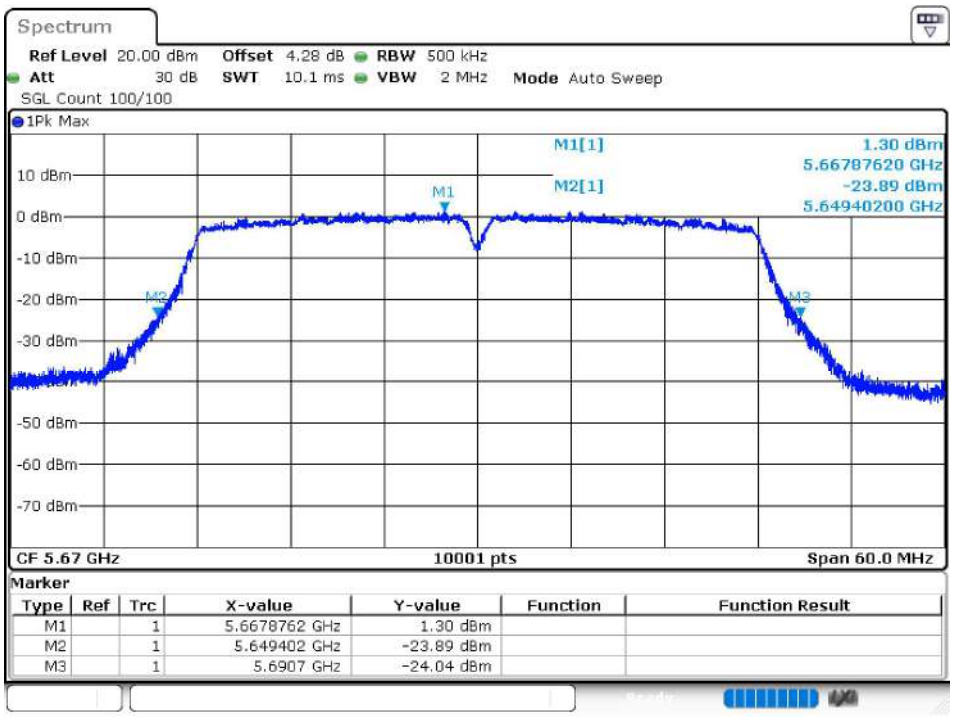
-26dB Bandwidth NVNT n40 5510MHz Ant2



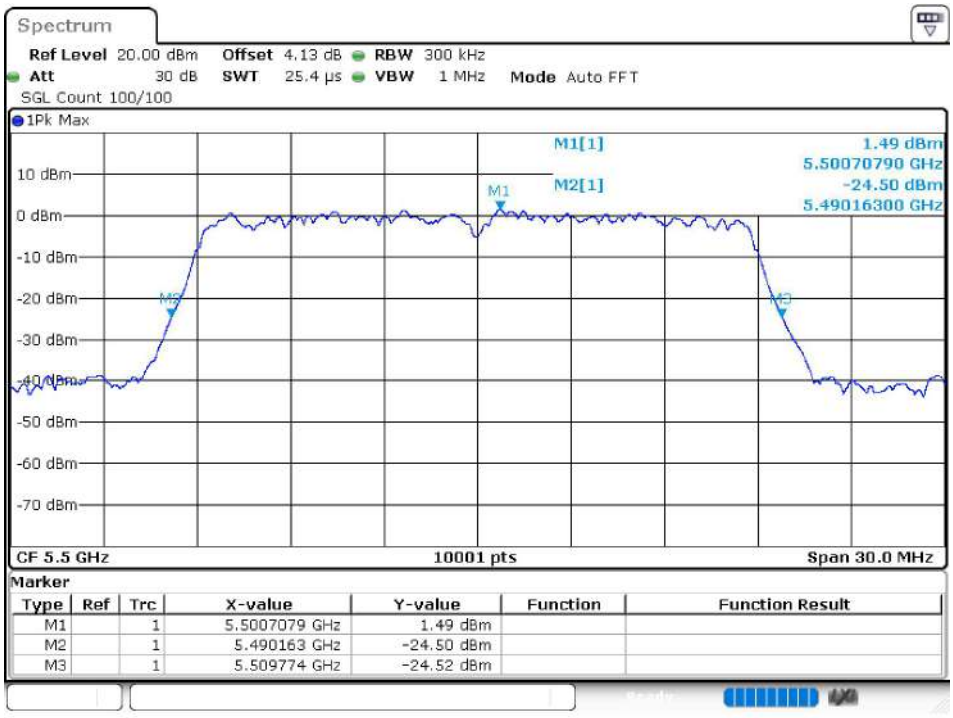
-26dB Bandwidth NVNT n40 5590MHz Ant2



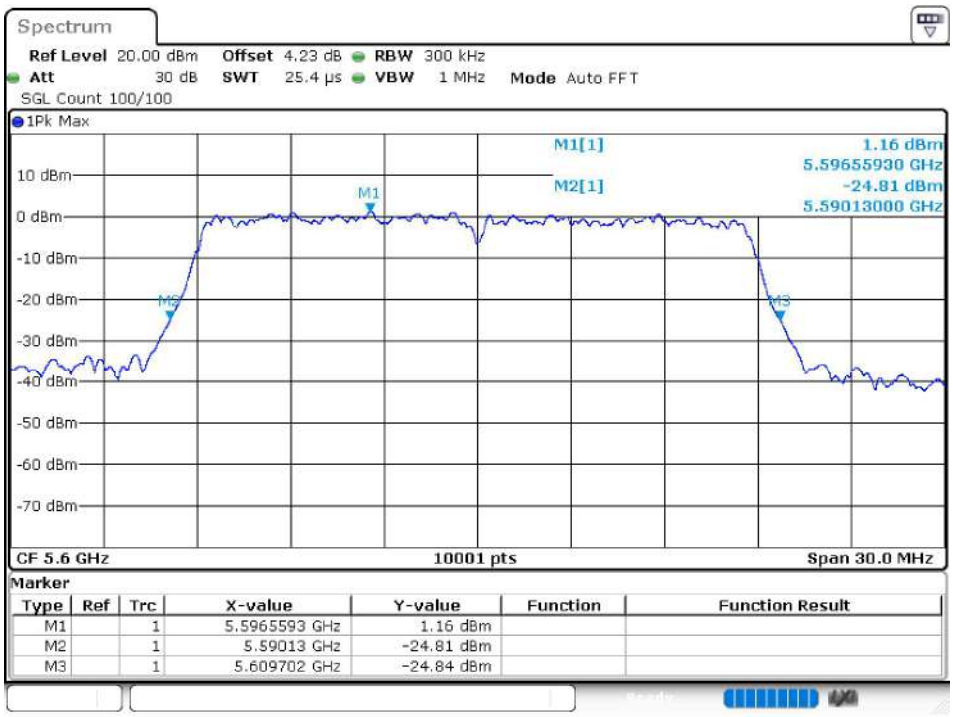
-26dB Bandwidth NVNT n40 5670MHz Ant2



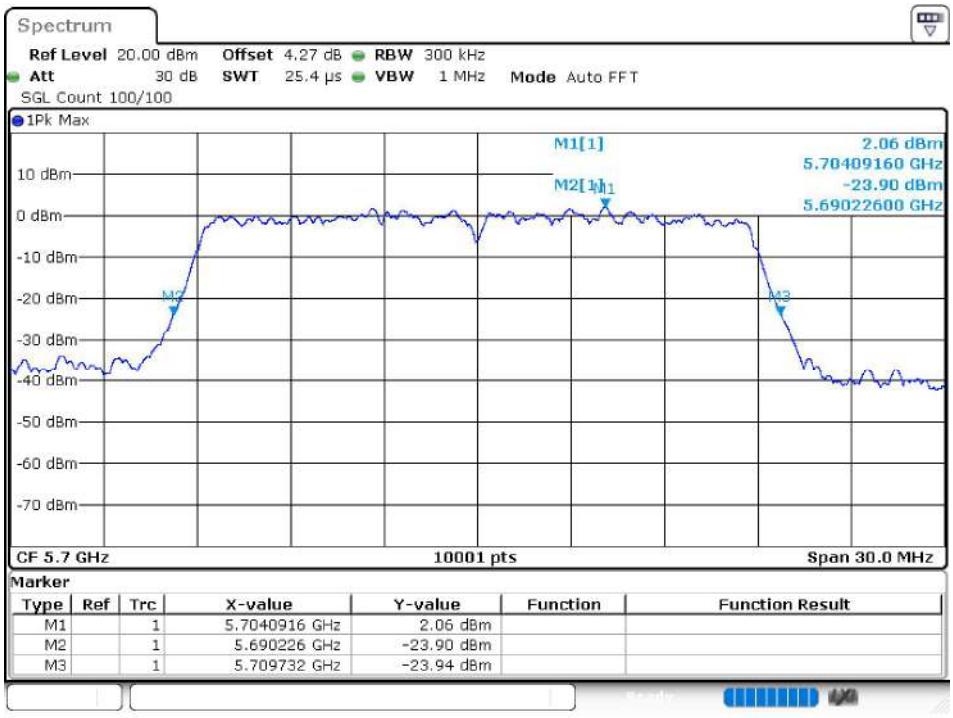
-26dB Bandwidth NVNT ac20 5500MHz Ant1



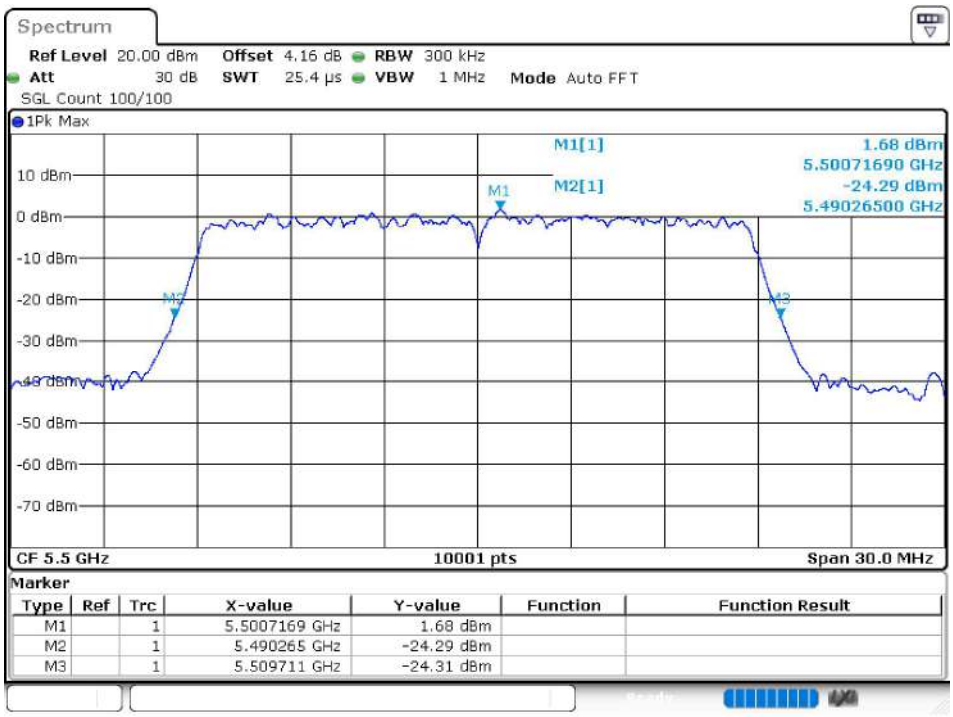
-26dB Bandwidth NVNT ac20 5600MHz Ant1



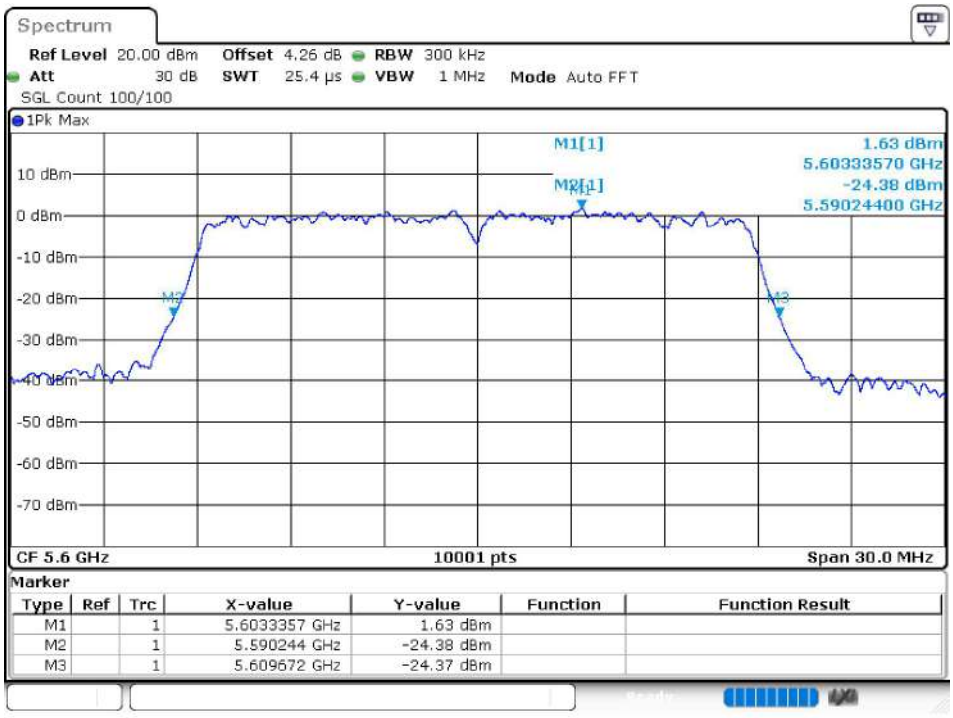
-26dB Bandwidth NVNT ac20 5700MHz Ant1



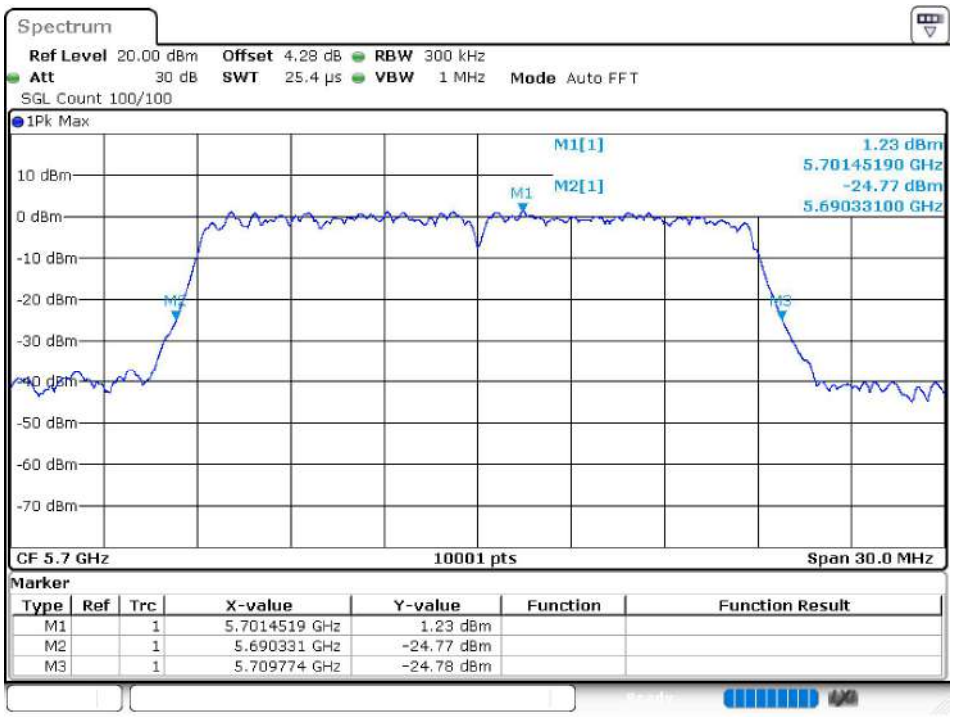
-26dB Bandwidth NVNT ac20 5500MHz Ant2



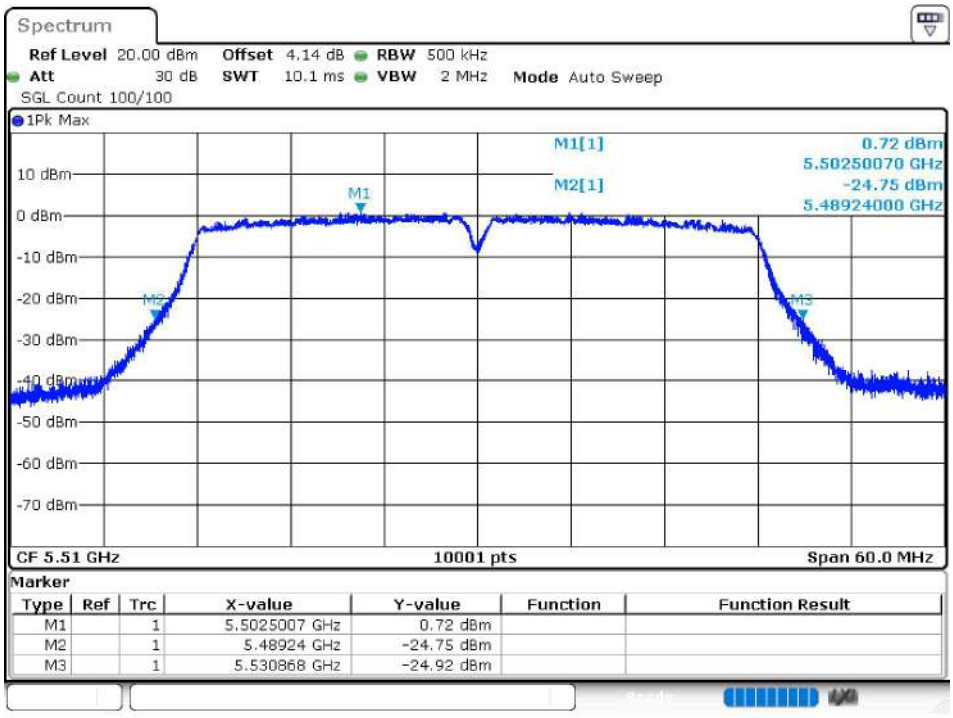
-26dB Bandwidth NVNT ac20 5600MHz Ant2



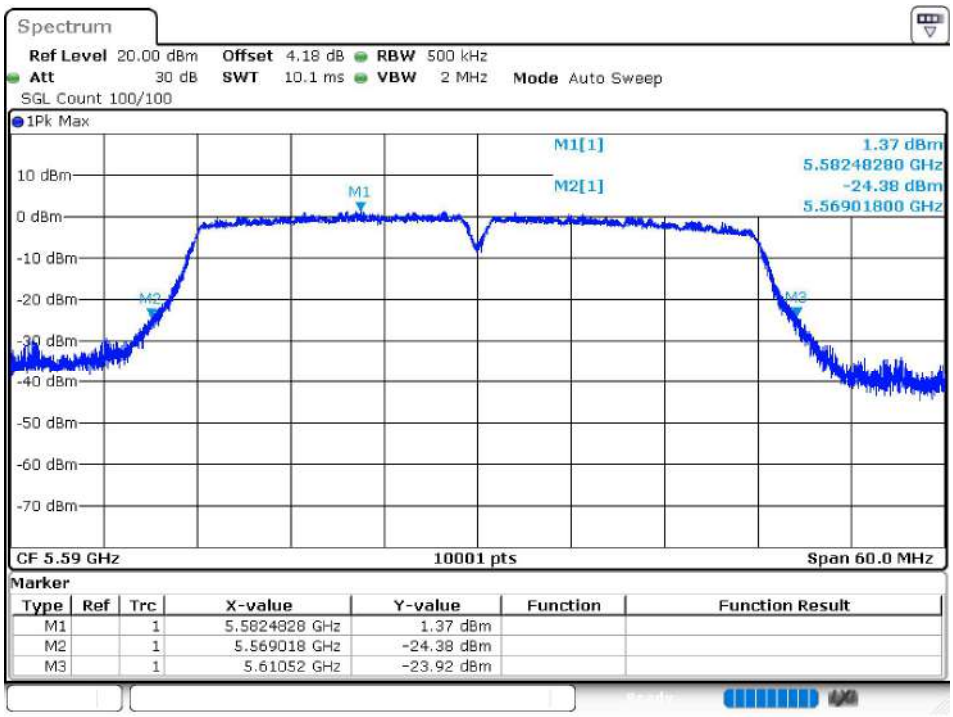
-26dB Bandwidth NVNT ac20 5700MHz Ant2



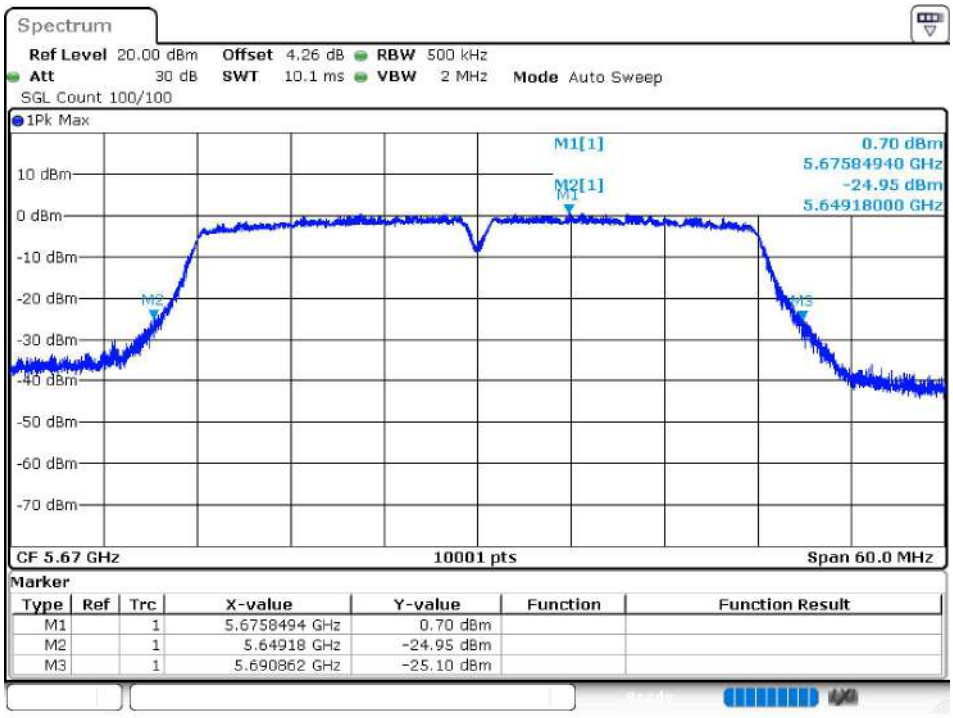
-26dB Bandwidth NVNT ac40 5510MHz Ant1



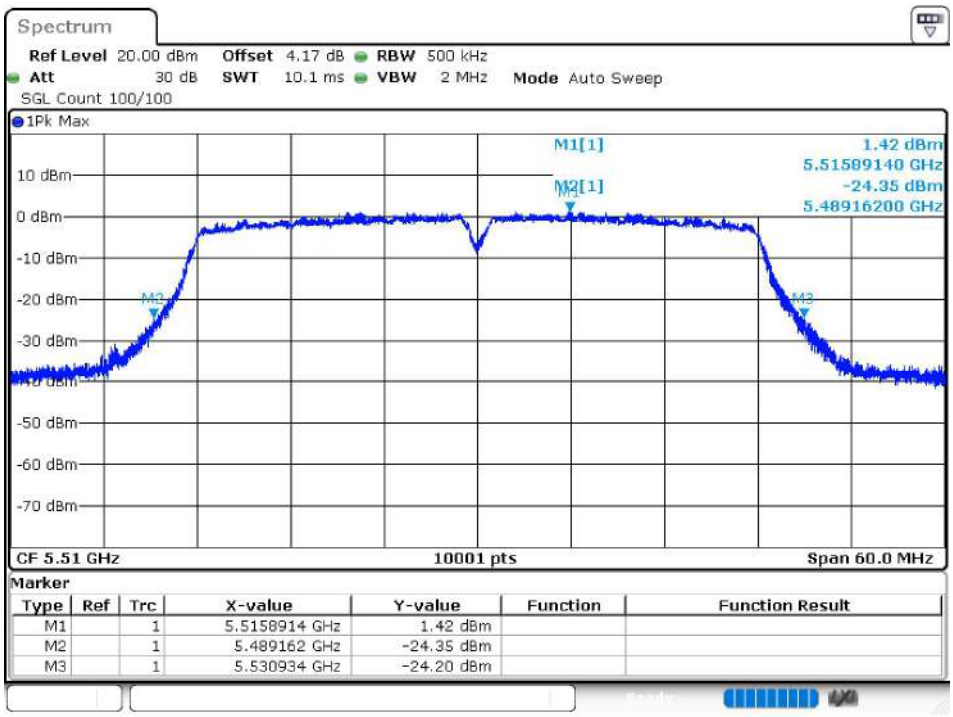
-26dB Bandwidth NVNT ac40 5590MHz Ant1



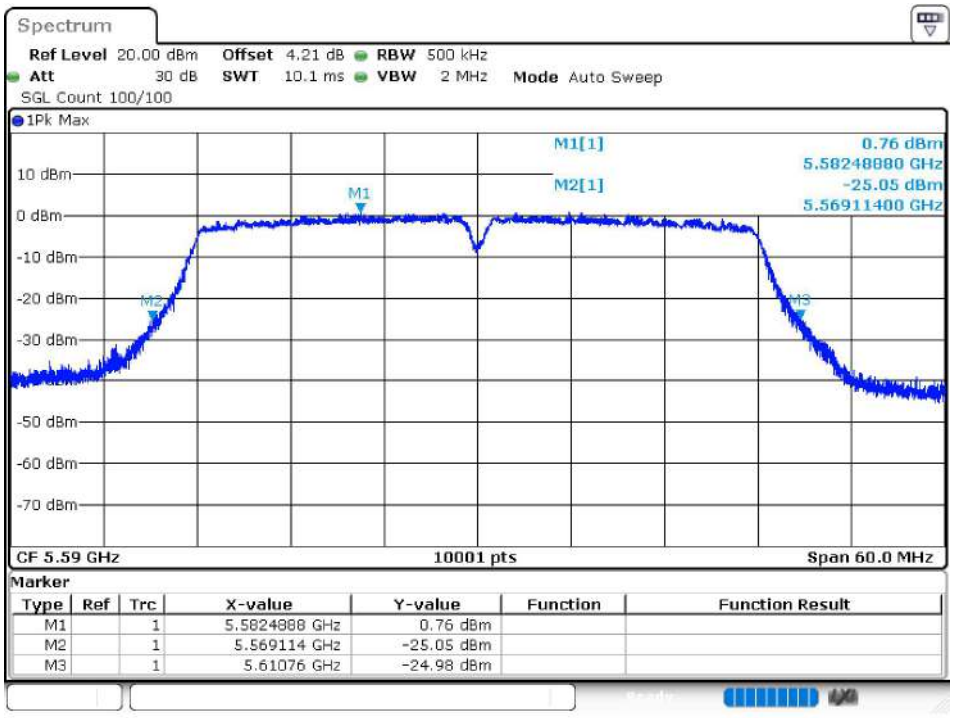
-26dB Bandwidth NVNT ac40 5670MHz Ant1



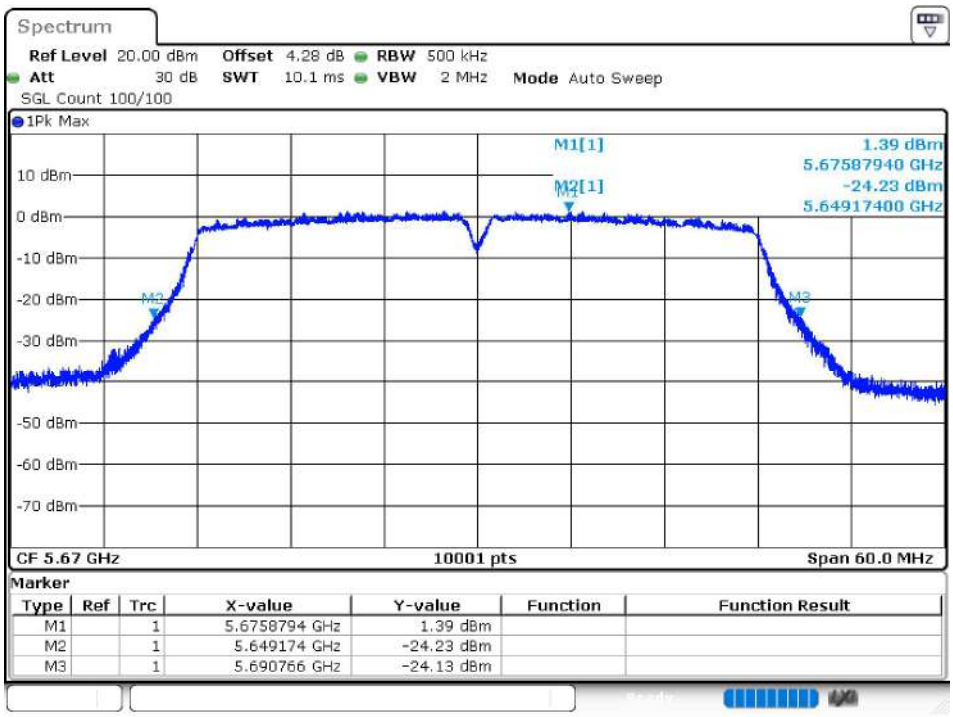
-26dB Bandwidth NVNT ac40 5510MHz Ant2



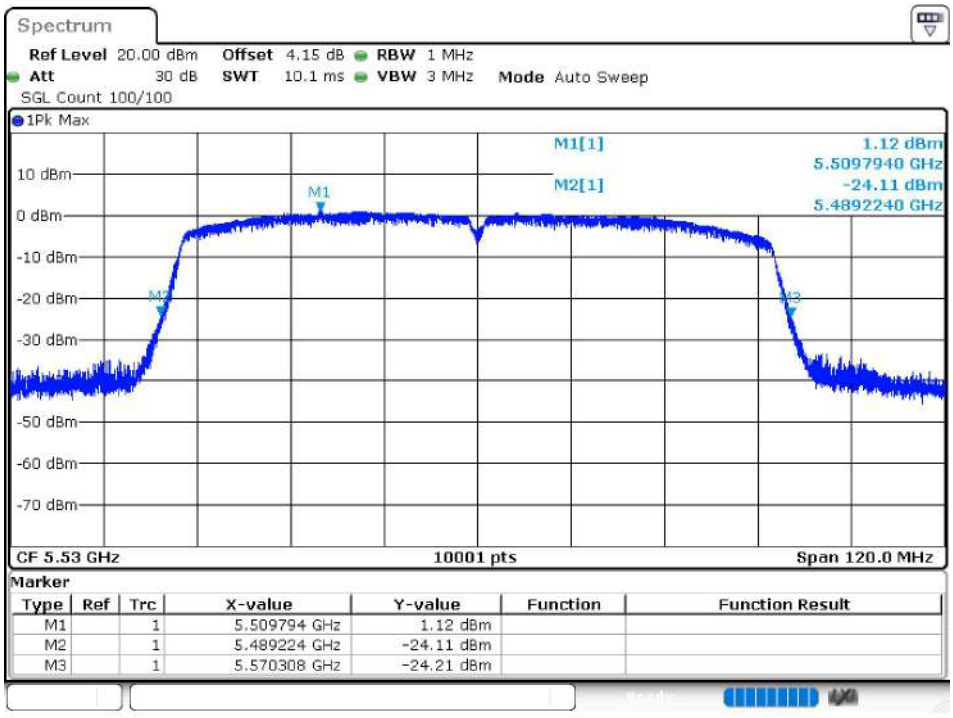
-26dB Bandwidth NVNT ac40 5590MHz Ant2



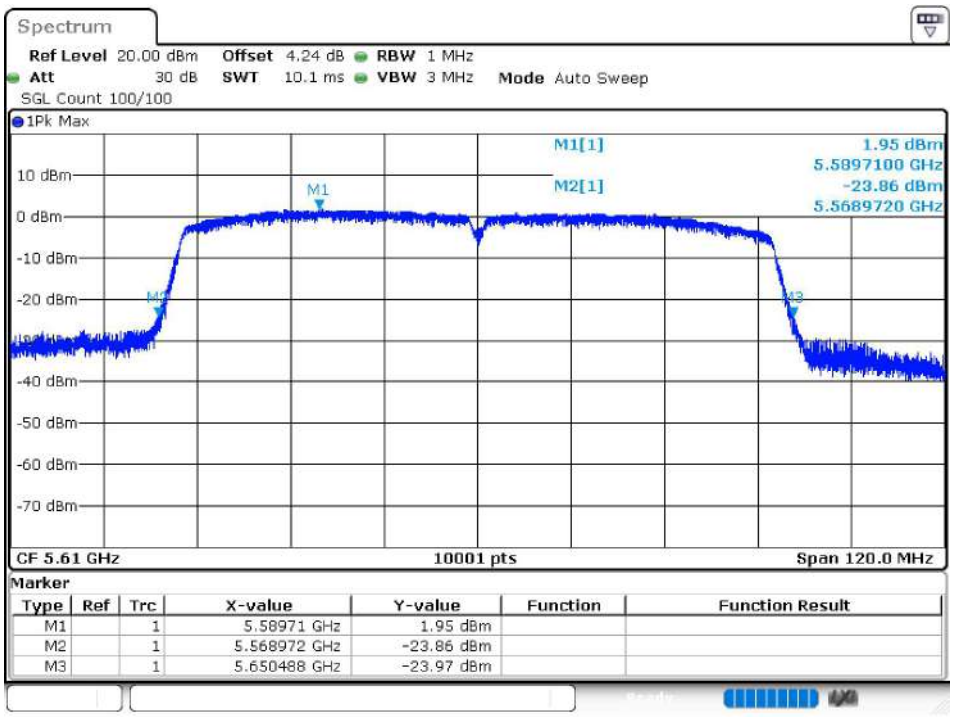
-26dB Bandwidth NVNT ac40 5670MHz Ant2



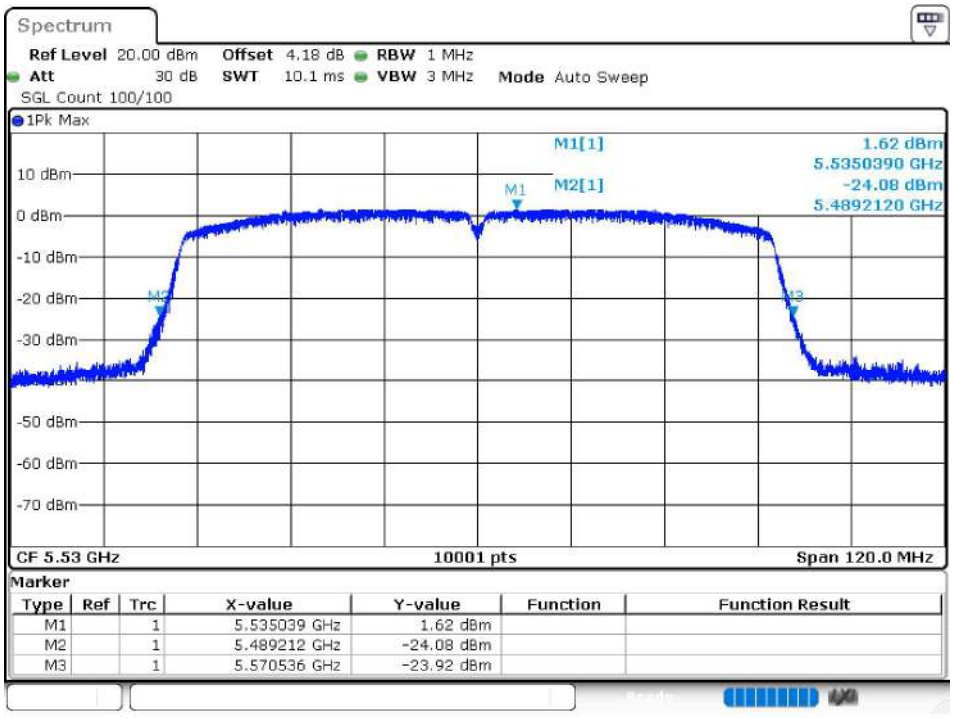
-26dB Bandwidth NVNT ac80 5530MHz Ant1



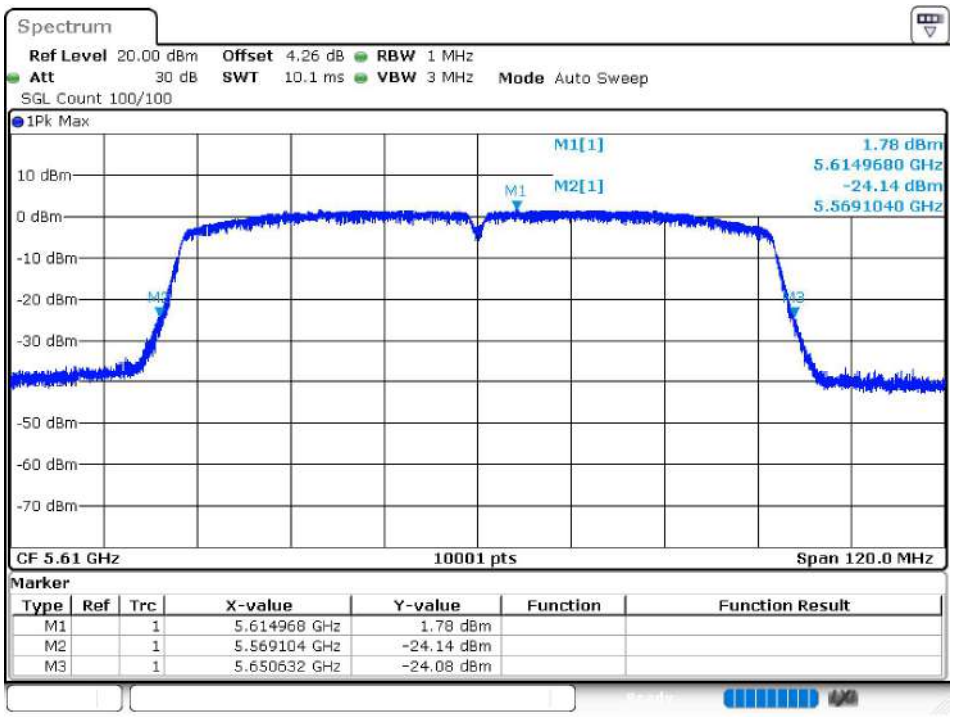
-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant2



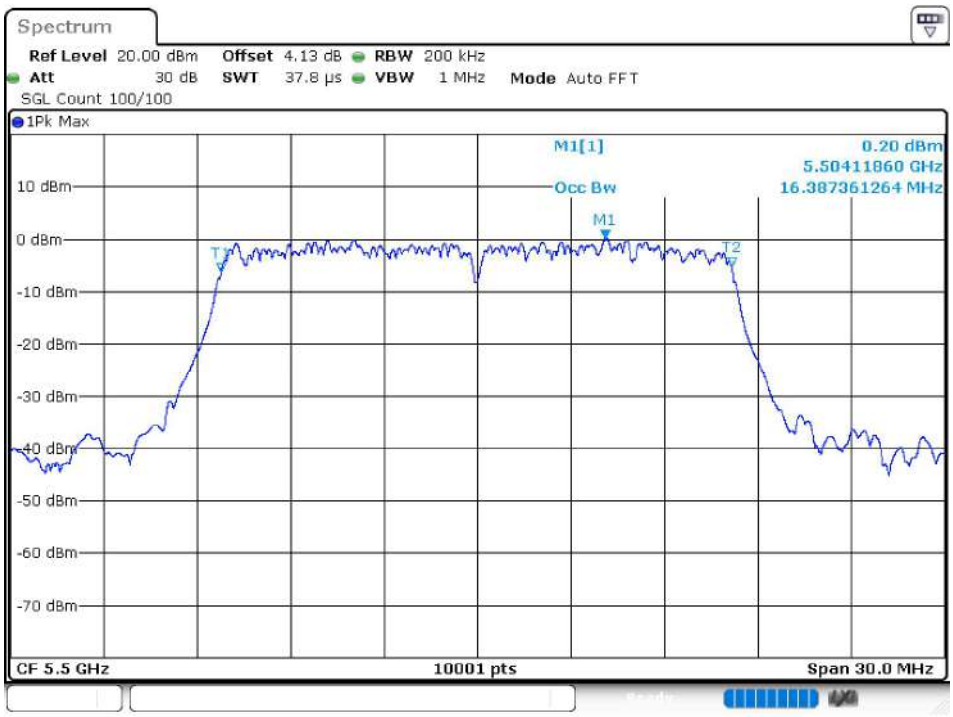
-26dB Bandwidth NVNT ac80 5610MHz Ant2



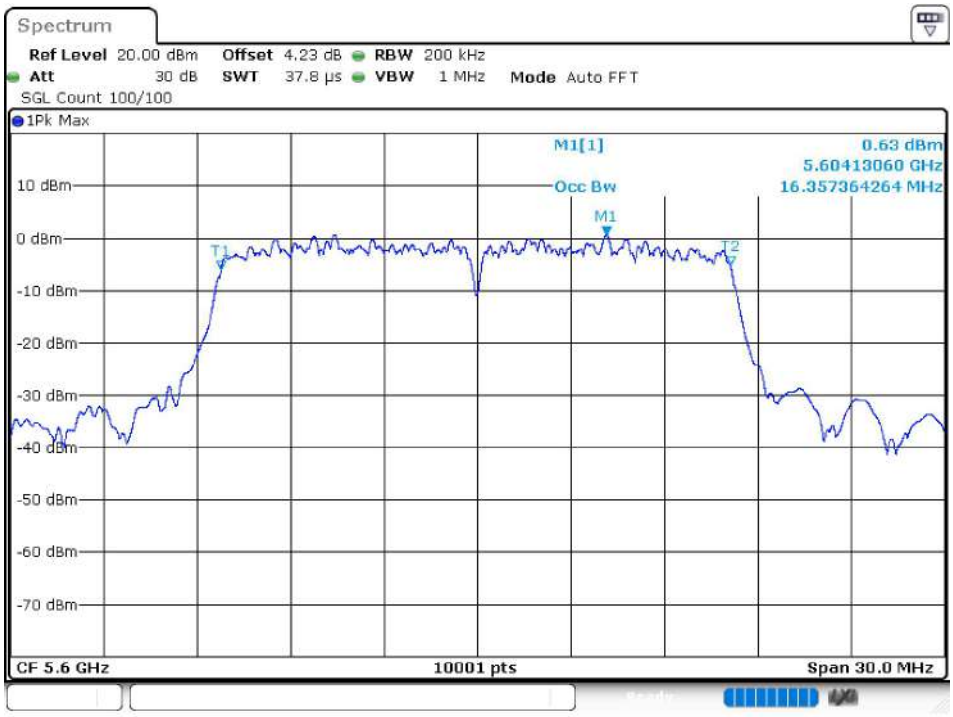
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.387
NVNT	a	5600	Ant1	16.357
NVNT	a	5700	Ant1	16.354
NVNT	a	5500	Ant2	16.327
NVNT	a	5600	Ant2	16.375
NVNT	a	5700	Ant2	16.318
NVNT	n20	5500	Ant1	17.539
NVNT	n20	5600	Ant1	17.536
NVNT	n20	5700	Ant1	17.521
NVNT	n20	5500	Ant2	17.536
NVNT	n20	5600	Ant2	17.554
NVNT	n20	5700	Ant2	17.509
NVNT	n40	5510	Ant1	36.11
NVNT	n40	5590	Ant1	36.116
NVNT	n40	5670	Ant1	36.122
NVNT	n40	5510	Ant2	36.086
NVNT	n40	5590	Ant2	36.11
NVNT	n40	5670	Ant2	36.074
NVNT	ac20	5500	Ant1	17.524
NVNT	ac20	5600	Ant1	17.557
NVNT	ac20	5700	Ant1	17.569
NVNT	ac20	5500	Ant2	17.539
NVNT	ac20	5600	Ant2	17.536
NVNT	ac20	5700	Ant2	17.551
NVNT	ac40	5510	Ant1	36.098
NVNT	ac40	5590	Ant1	36.068
NVNT	ac40	5670	Ant1	36.116
NVNT	ac40	5510	Ant2	36.074
NVNT	ac40	5590	Ant2	36.104
NVNT	ac40	5670	Ant2	36.068
NVNT	ac80	5530	Ant1	74.429
NVNT	ac80	5610	Ant1	74.813
NVNT	ac80	5530	Ant2	74.465
NVNT	ac80	5610	Ant2	74.669

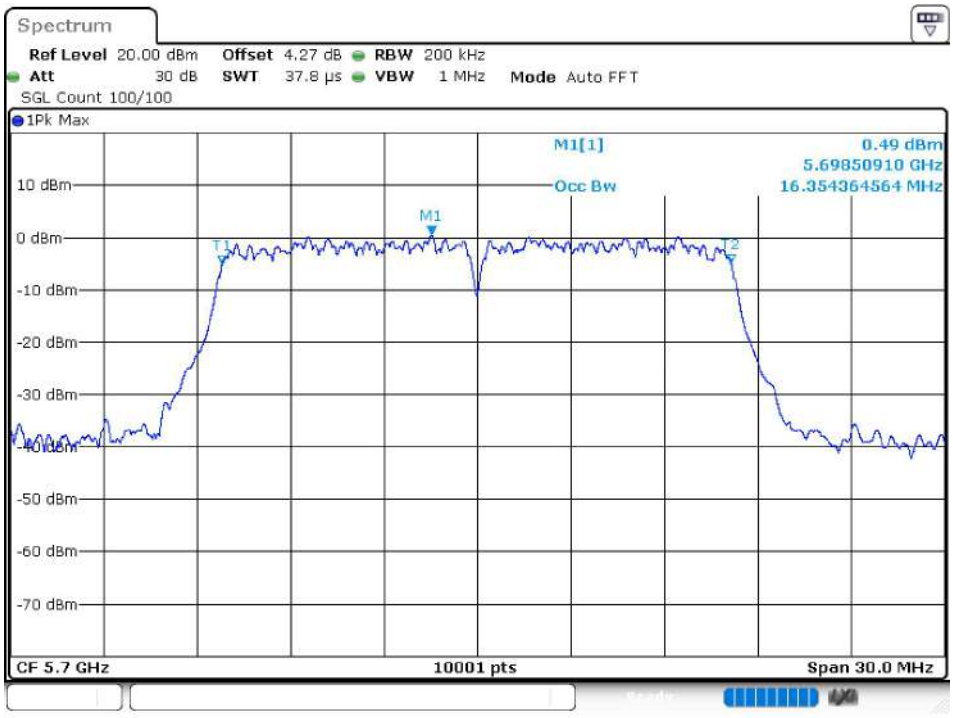
Test Graphs
OBW NVNT a 5500MHz Ant1



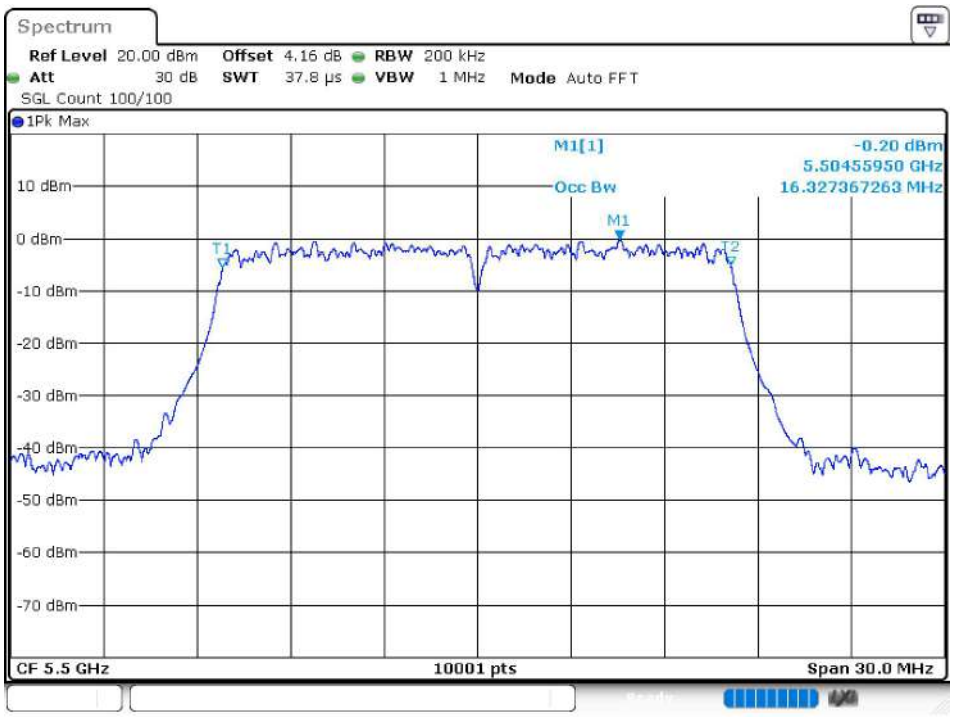
OBW NVNT a 5600MHz Ant1



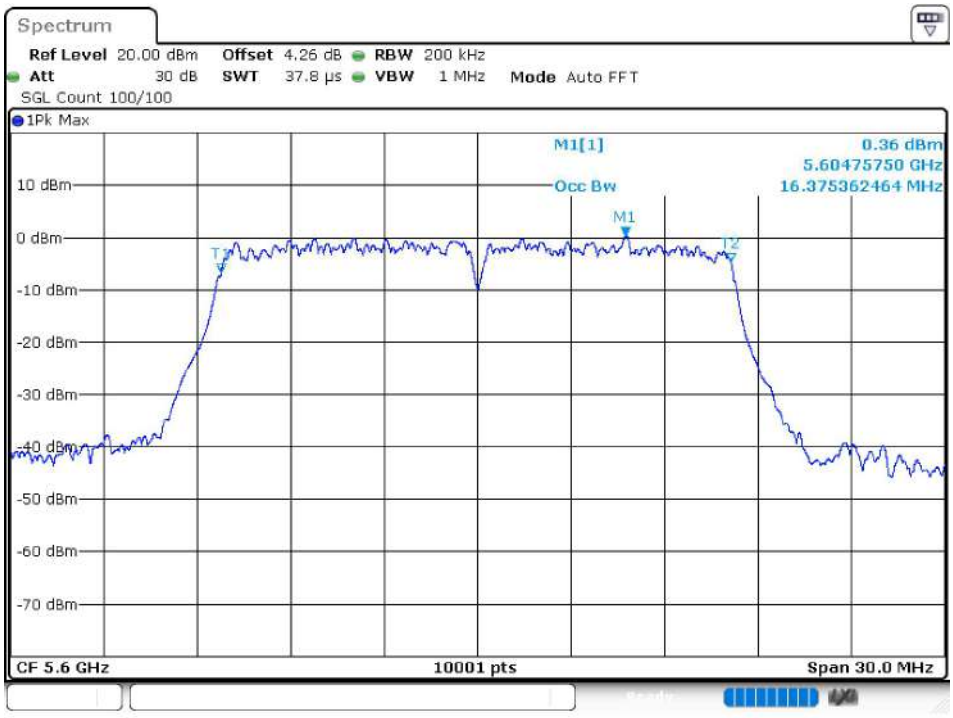
OBW NVNT a 5700MHz Ant1



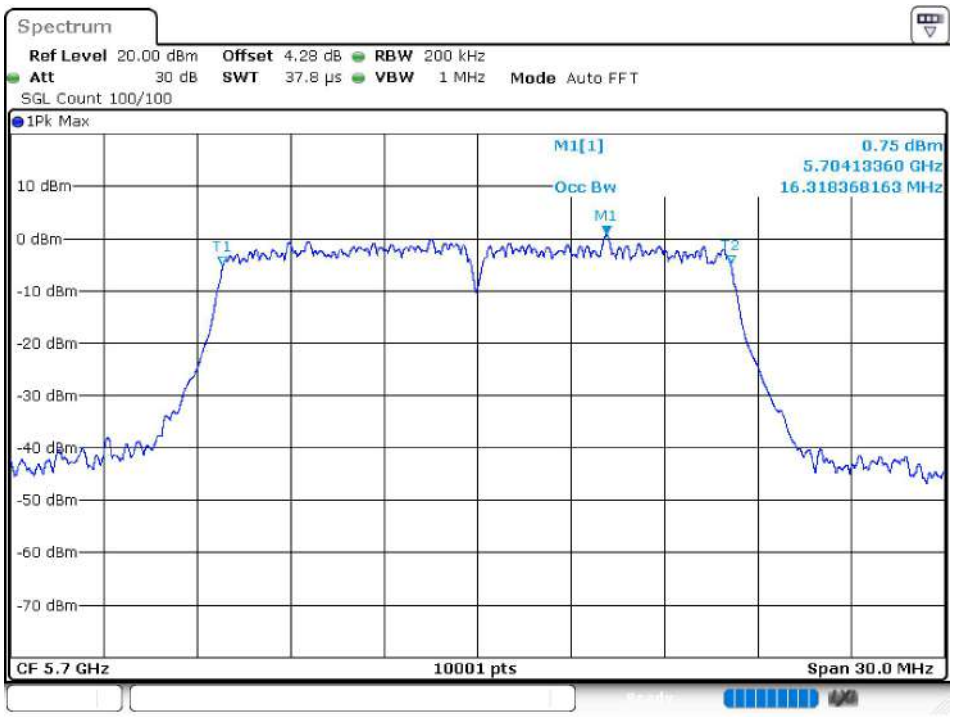
OBW NVNT a 5500MHz Ant2



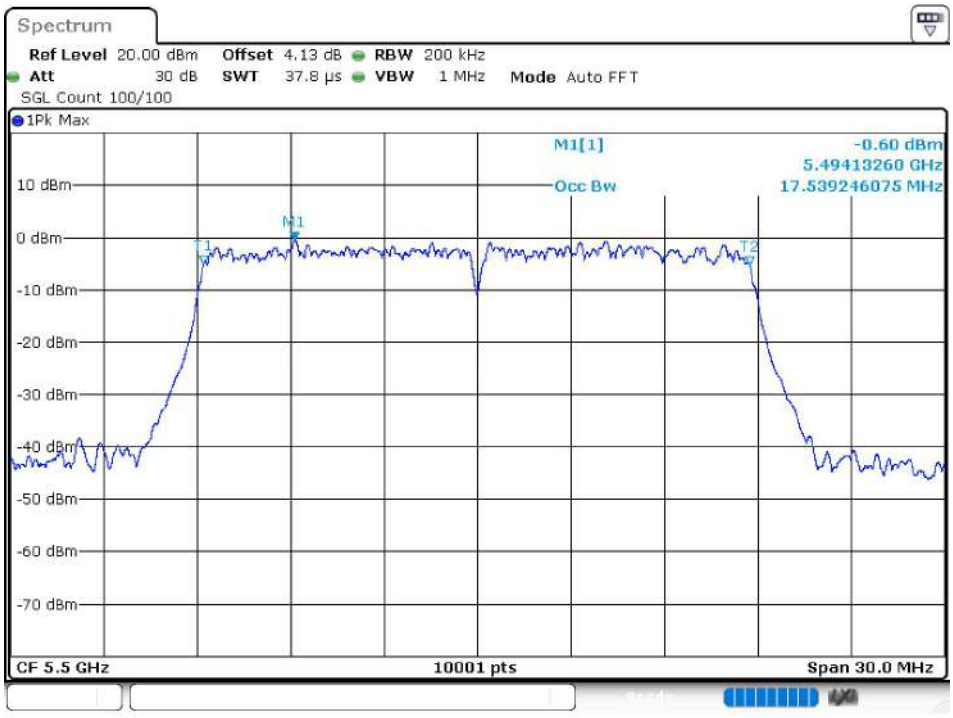
OBW NVNT a 5600MHz Ant2



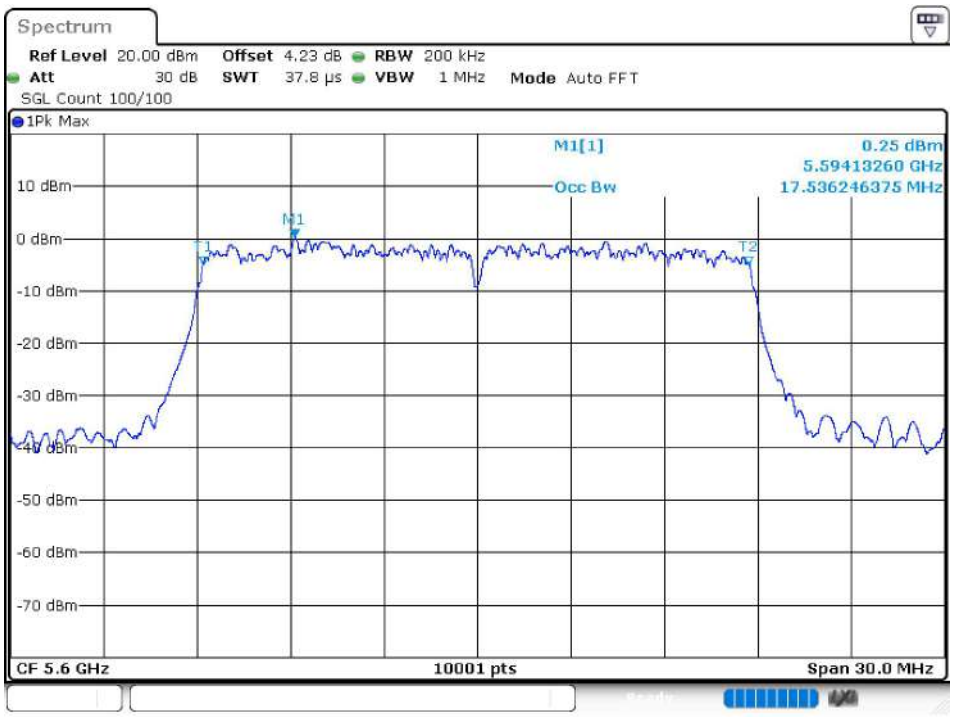
OBW NVNT a 5700MHz Ant2



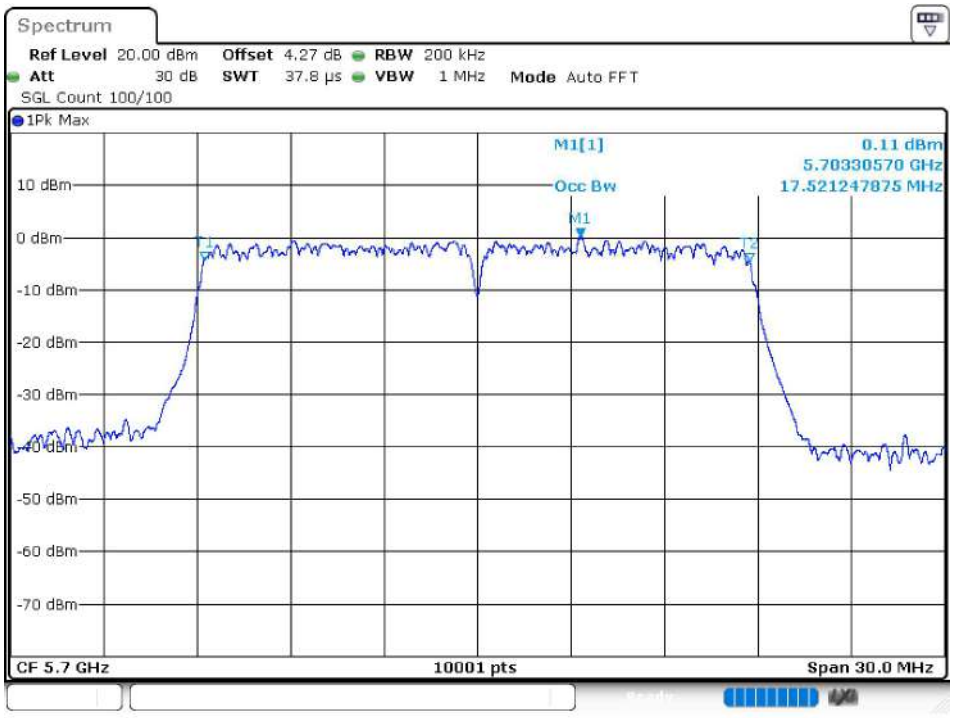
OBW NVNT n20 5500MHz Ant1



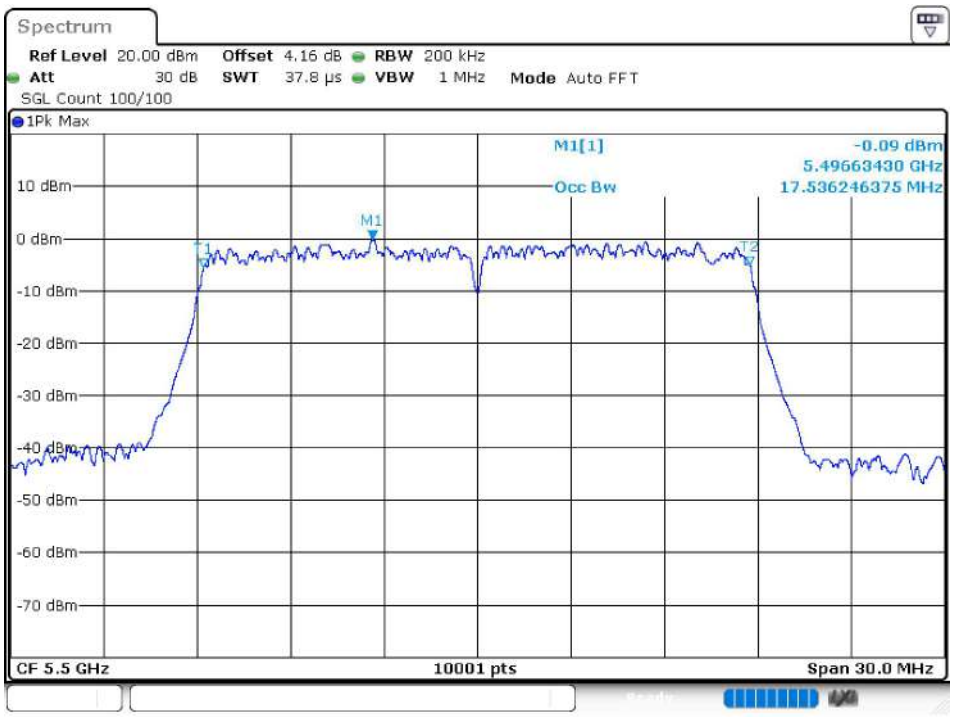
OBW NVNT n20 5600MHz Ant1



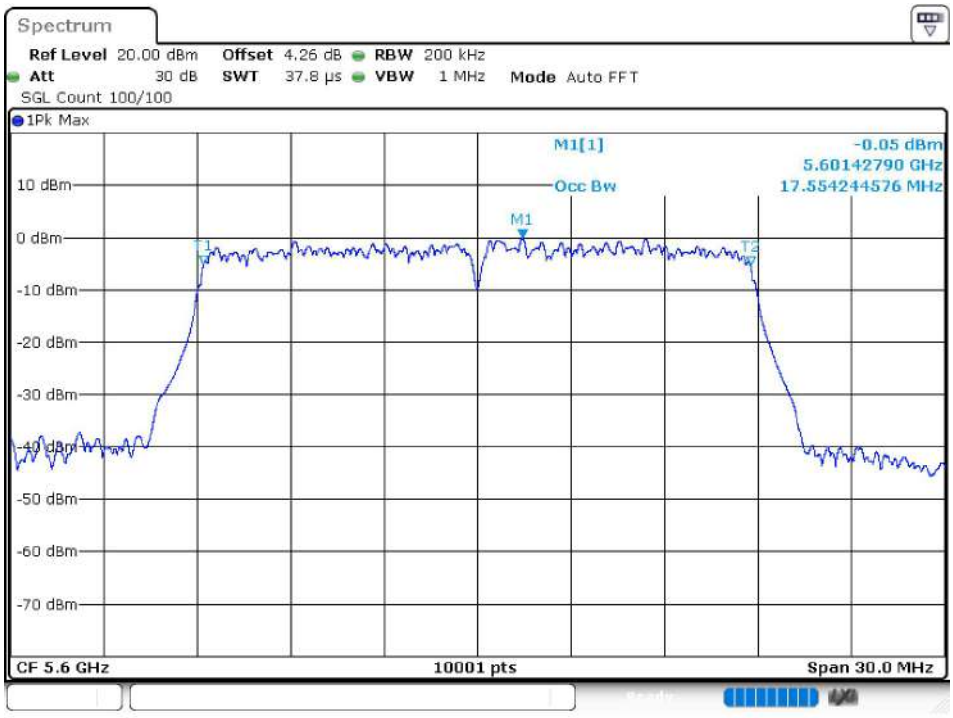
OBW NVNT n20 5700MHz Ant1



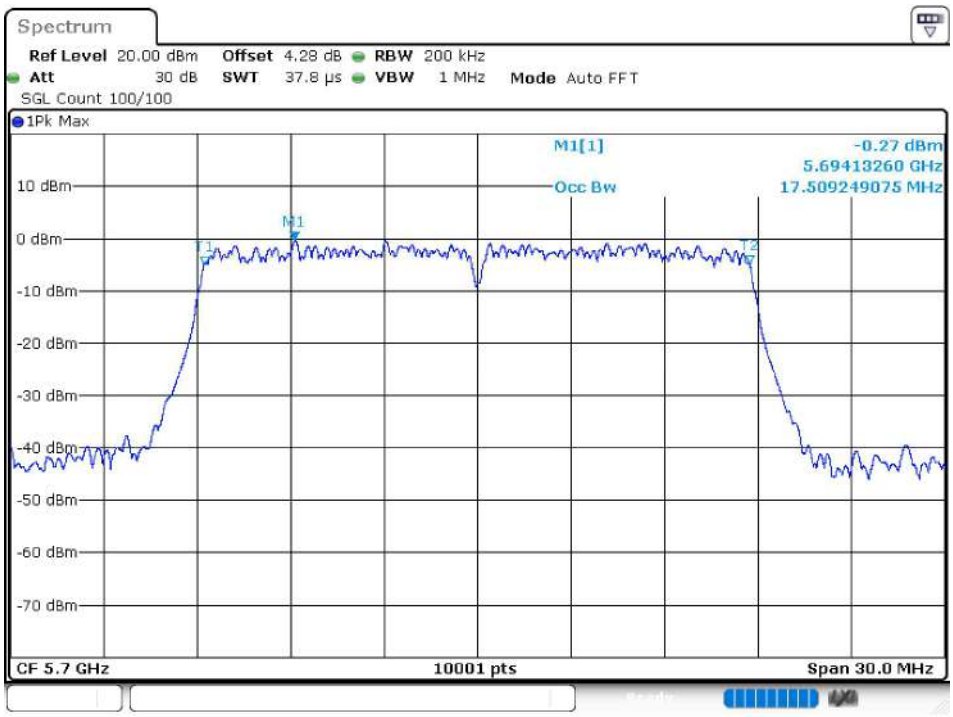
OBW NVNT n20 5500MHz Ant2



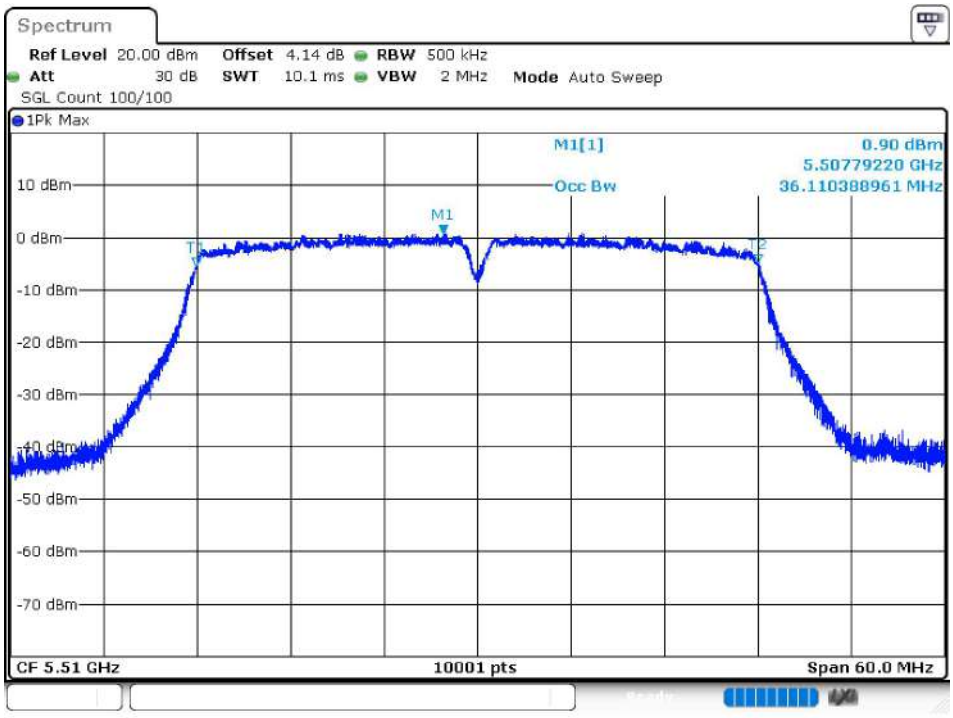
OBW NVNT n20 5600MHz Ant2



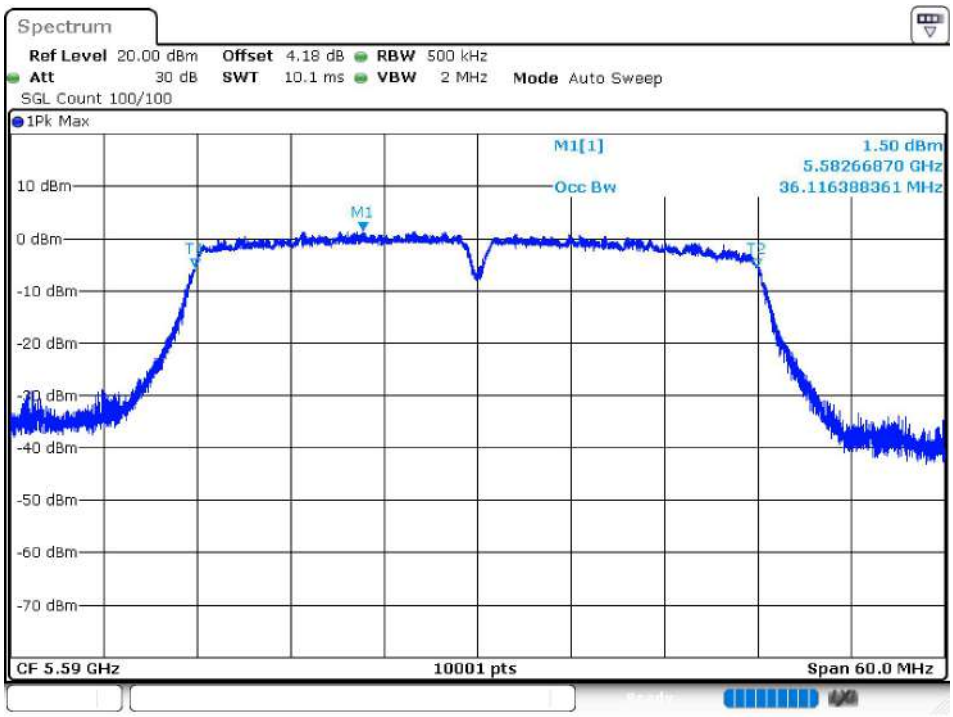
OBW NVNT n20 5700MHz Ant2



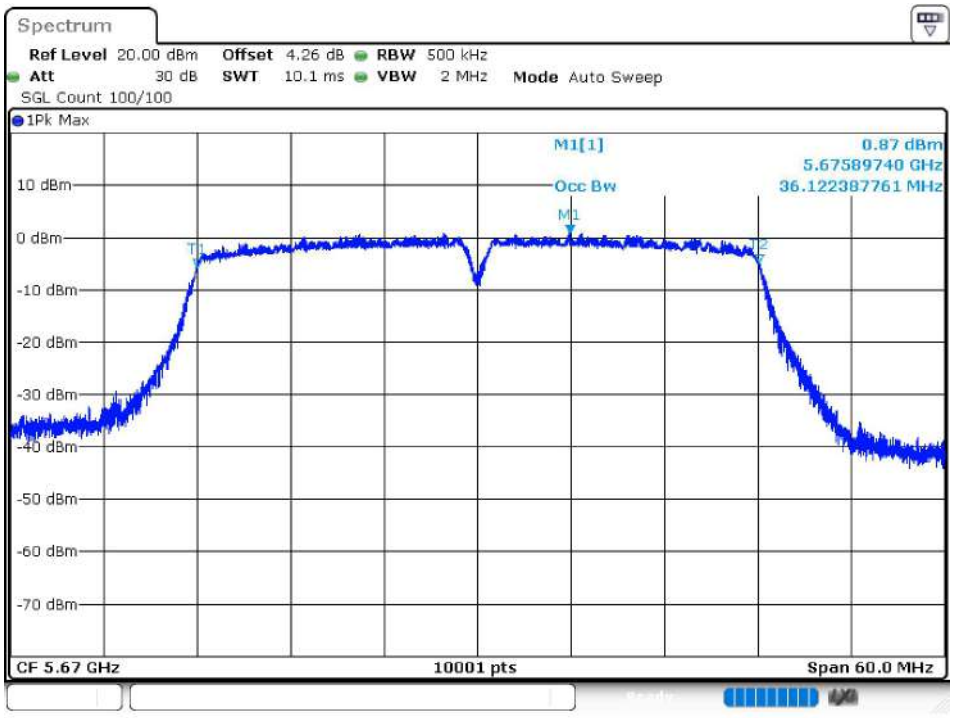
OBW NVNT n40 5510MHz Ant1



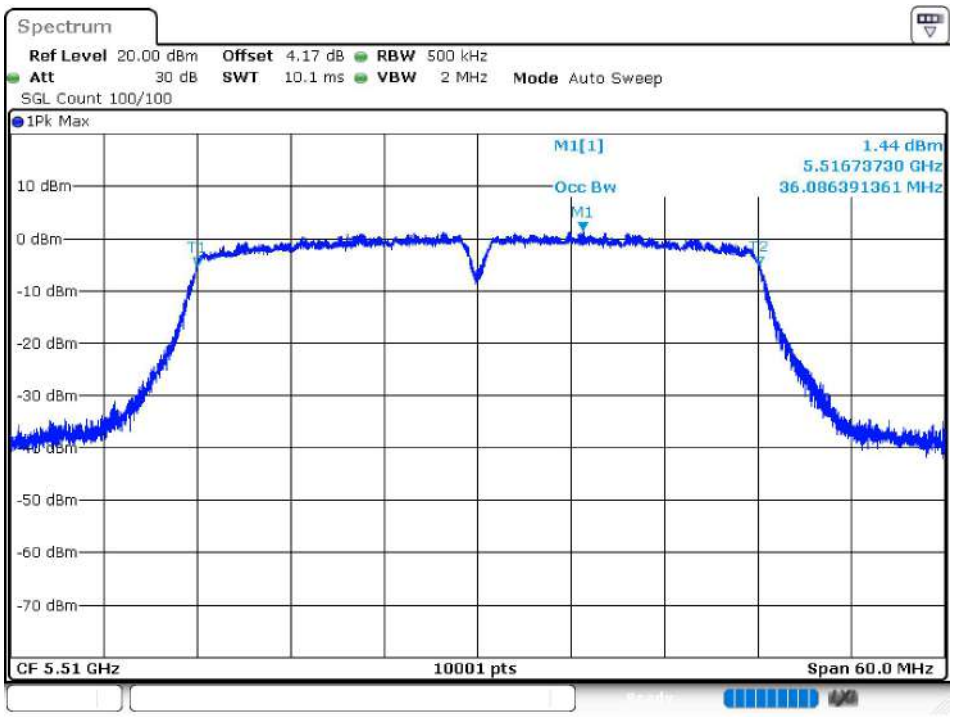
OBW NVNT n40 5590MHz Ant1



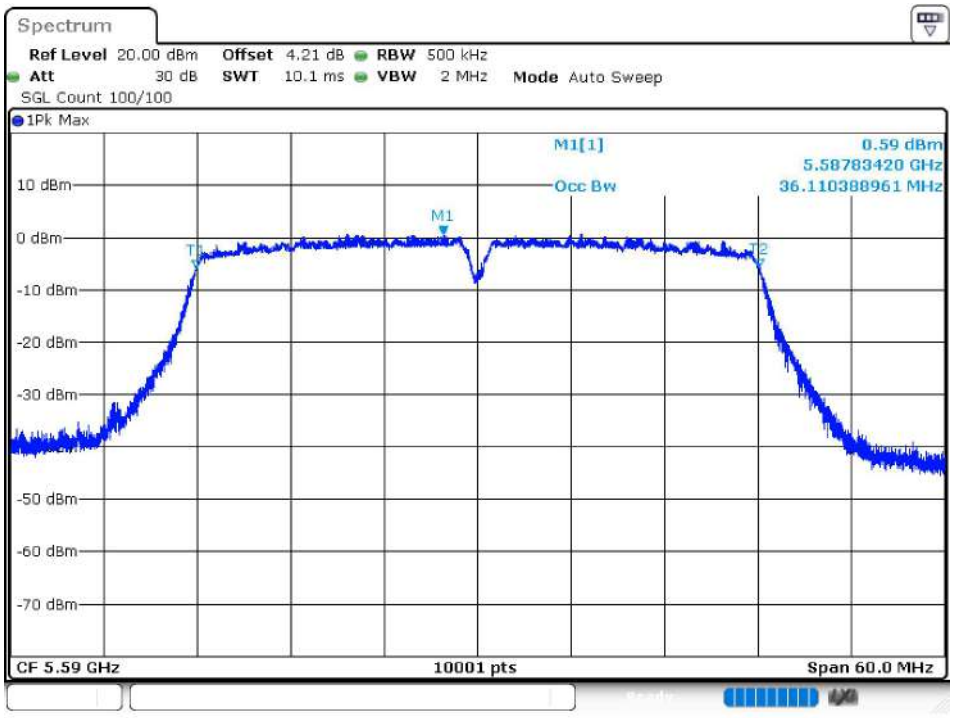
OBW NVNT n40 5670MHz Ant1



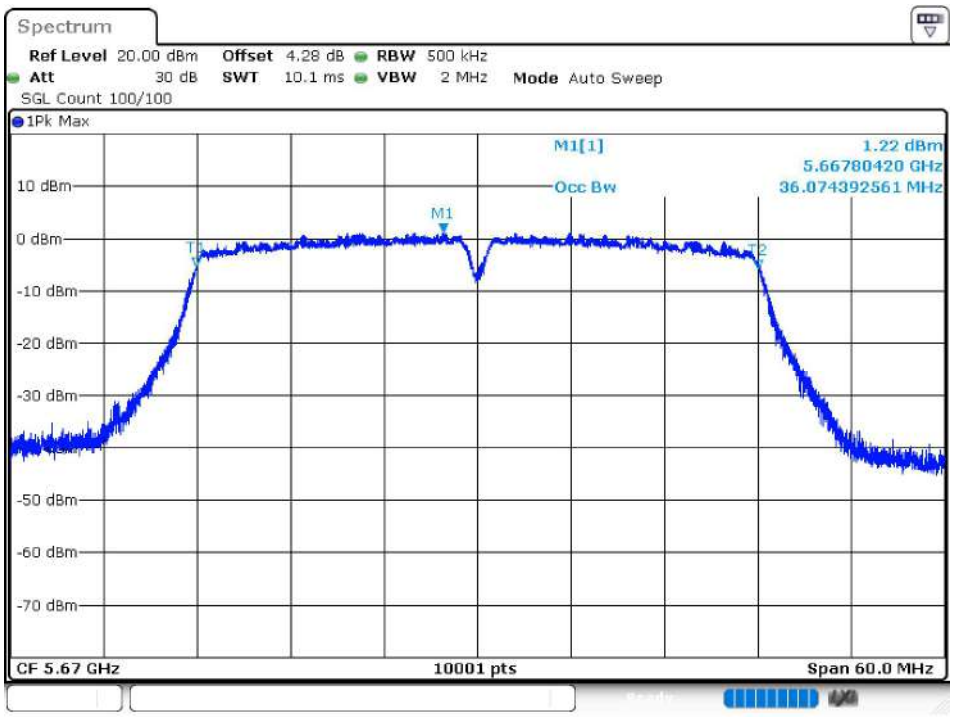
OBW NVNT n40 5510MHz Ant2



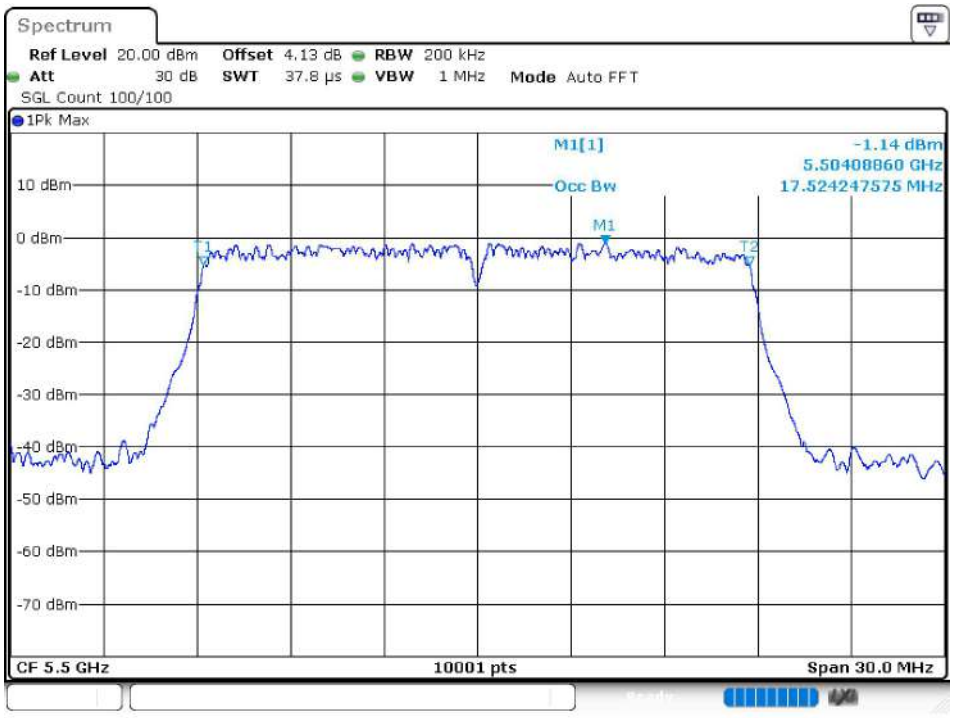
OBW NVNT n40 5590MHz Ant2



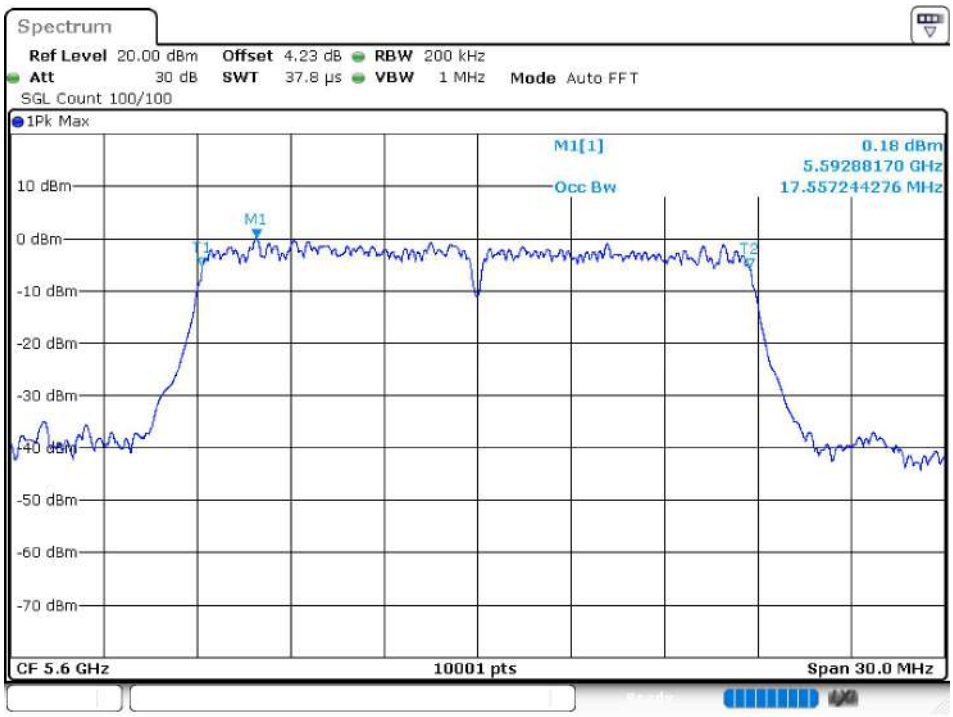
OBW NVNT n40 5670MHz Ant2



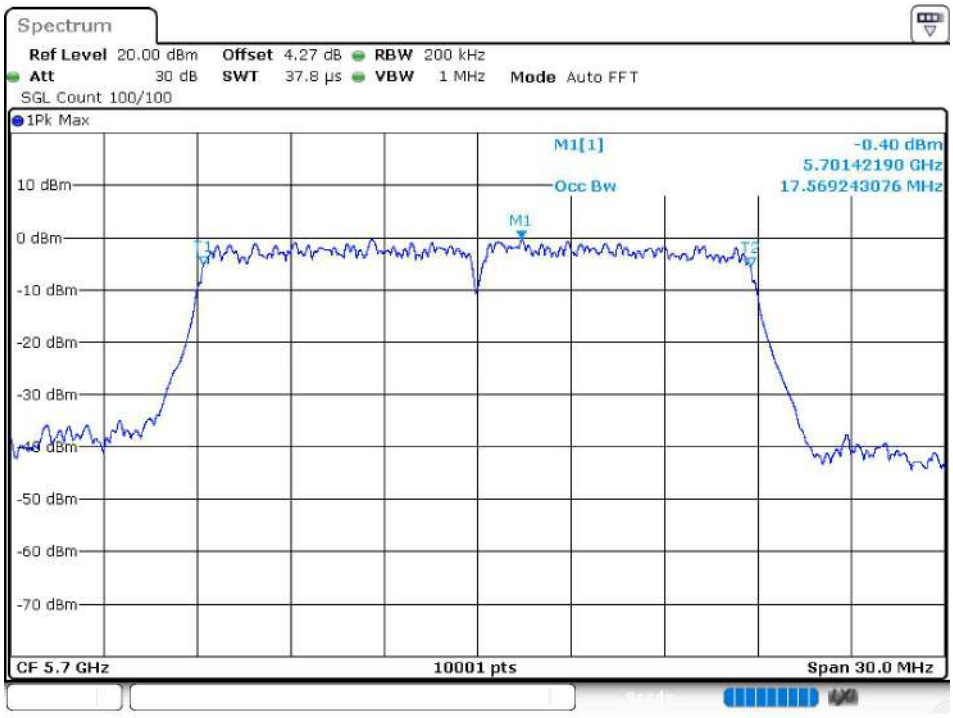
OBW NVNT ac20 5500MHz Ant1



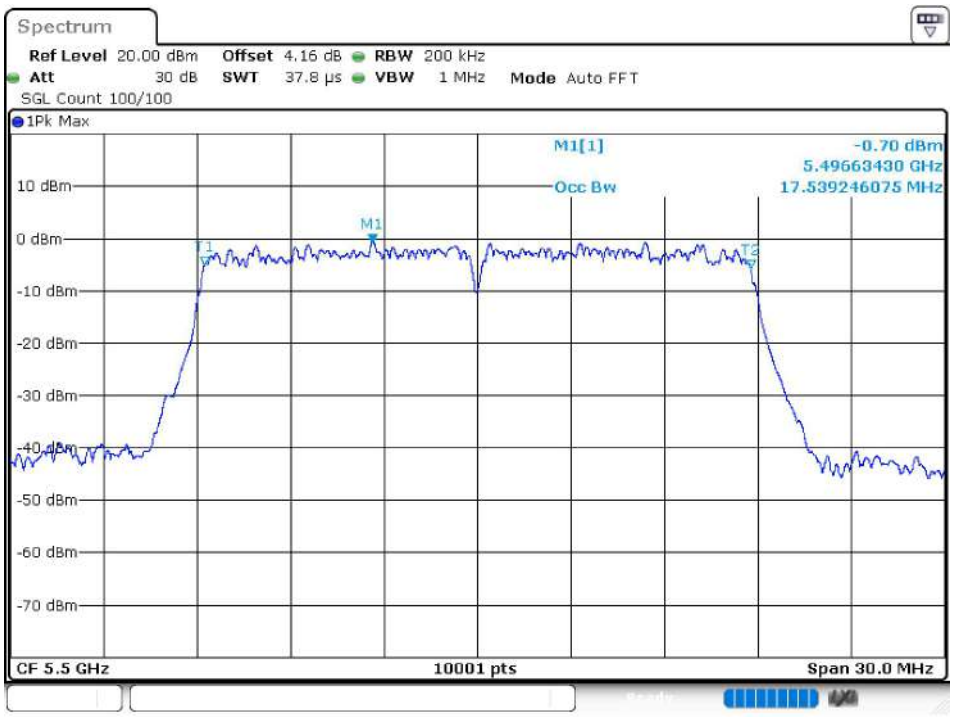
OBW NVNT ac20 5600MHz Ant1



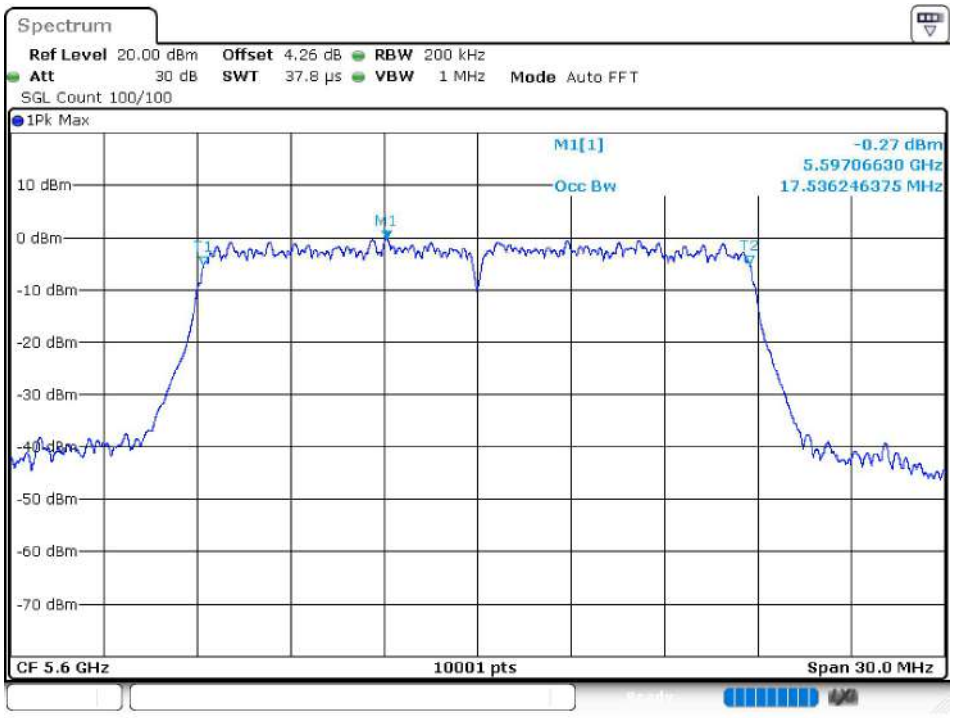
OBW NVNT ac20 5700MHz Ant1



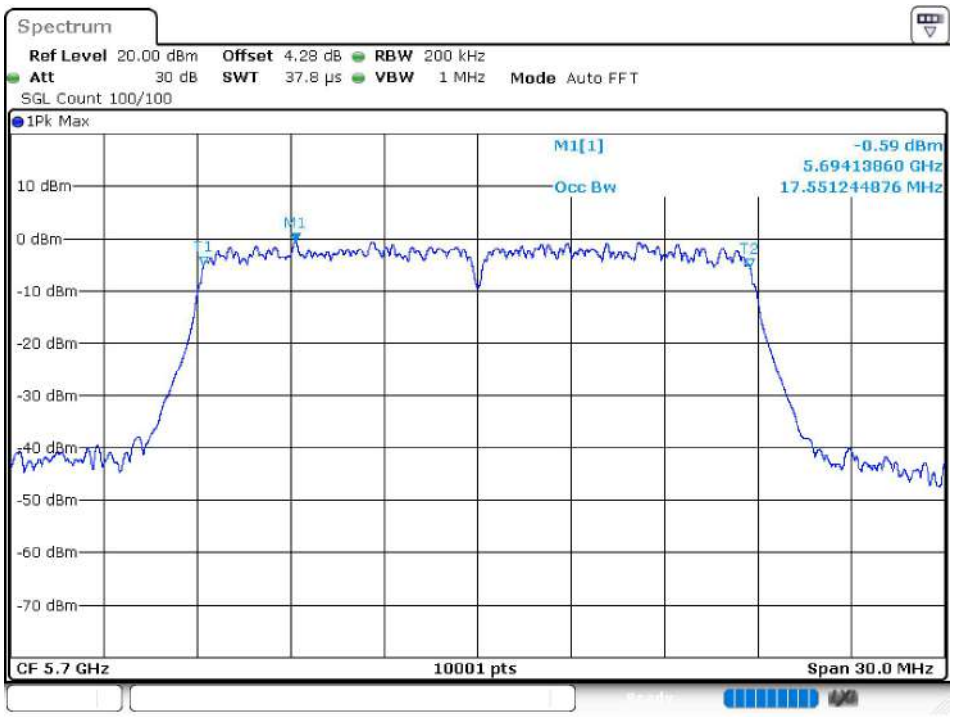
OBW NVNT ac20 5500MHz Ant2



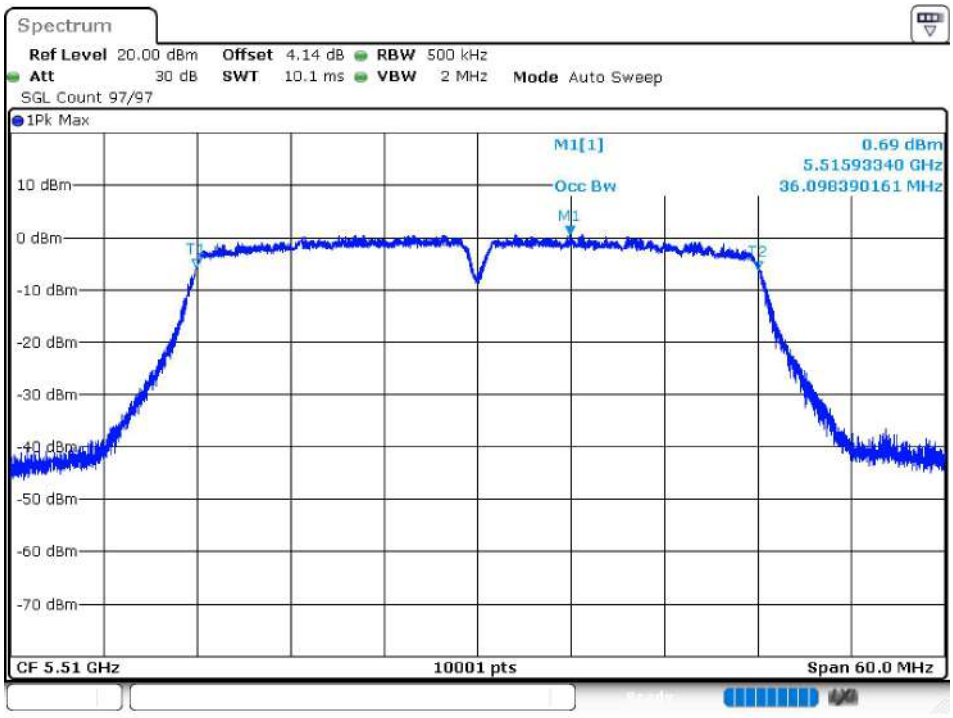
OBW NVNT ac20 5600MHz Ant2



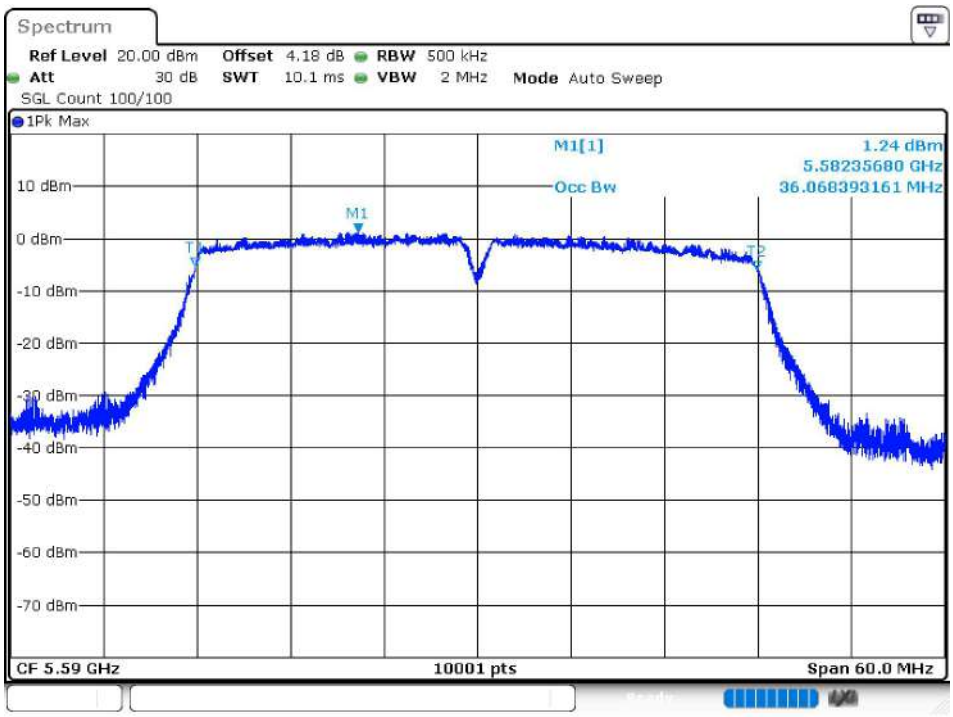
OBW NVNT ac20 5700MHz Ant2



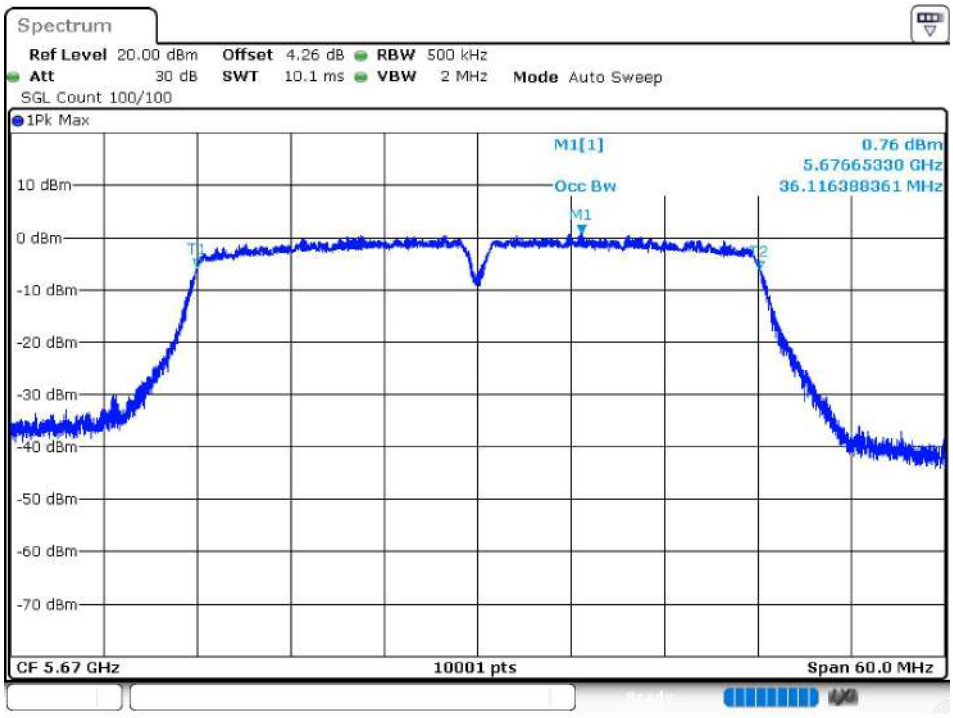
OBW NVNT ac40 5510MHz Ant1



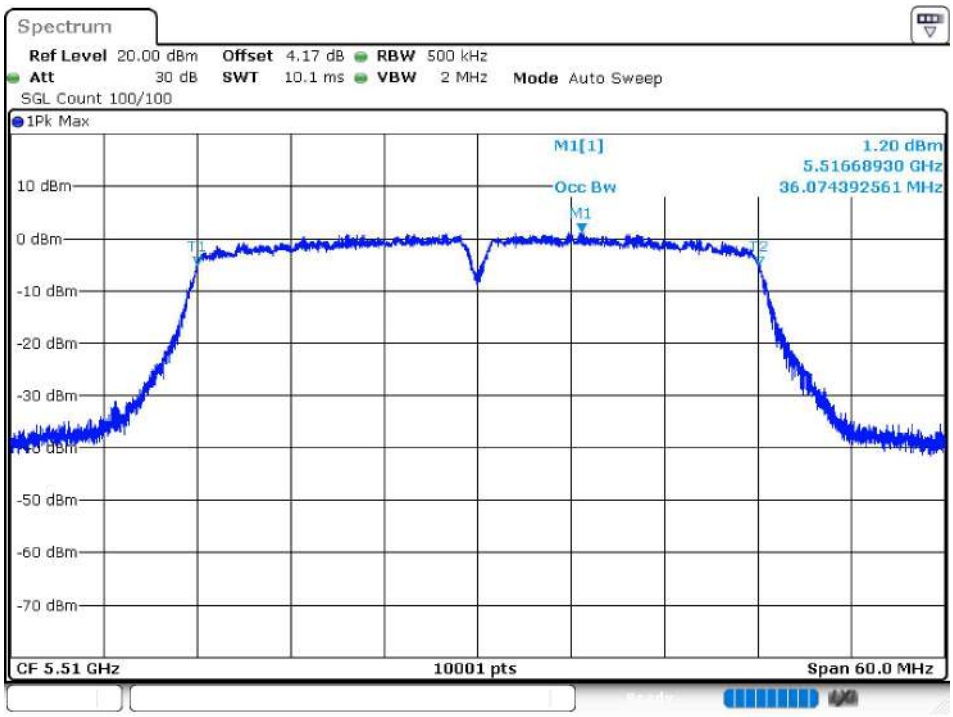
OBW NVNT ac40 5590MHz Ant1



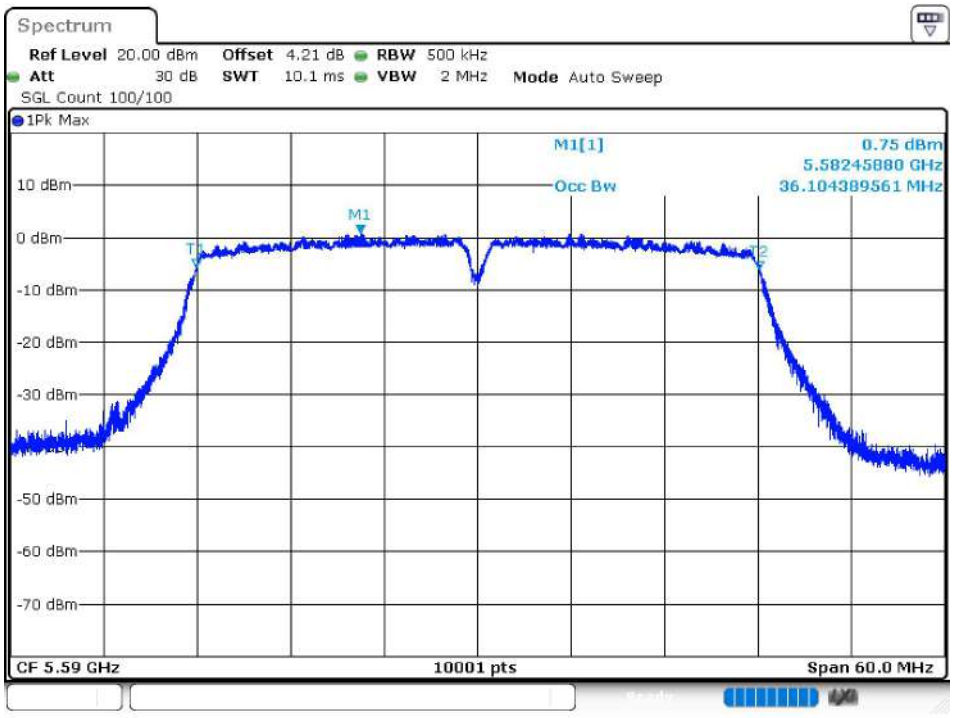
OBW NVNT ac40 5670MHz Ant1



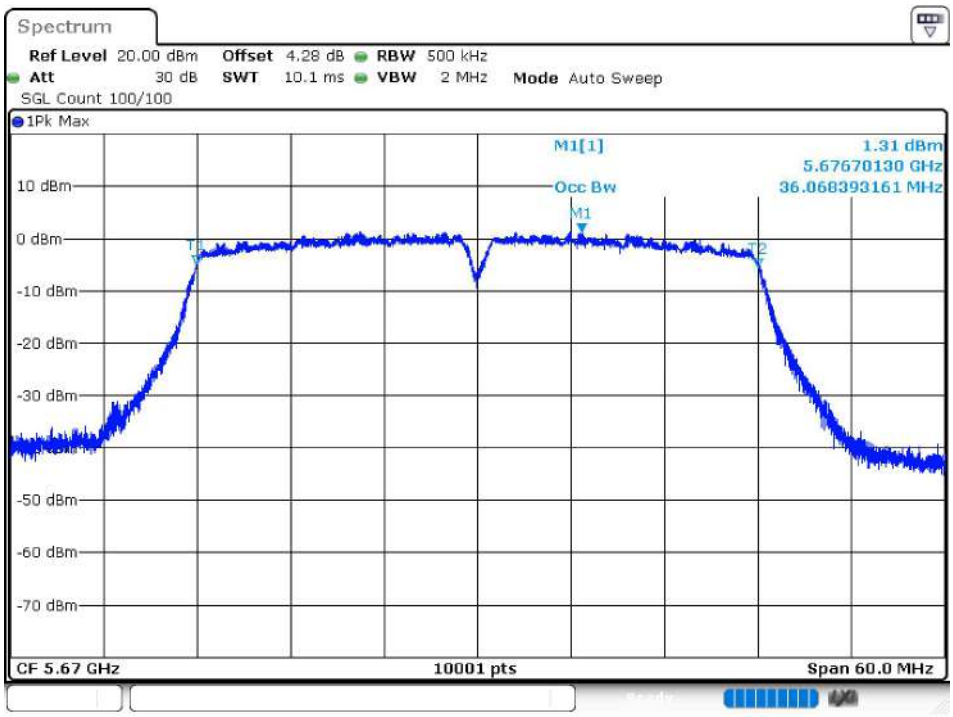
OBW NVNT ac40 5510MHz Ant2



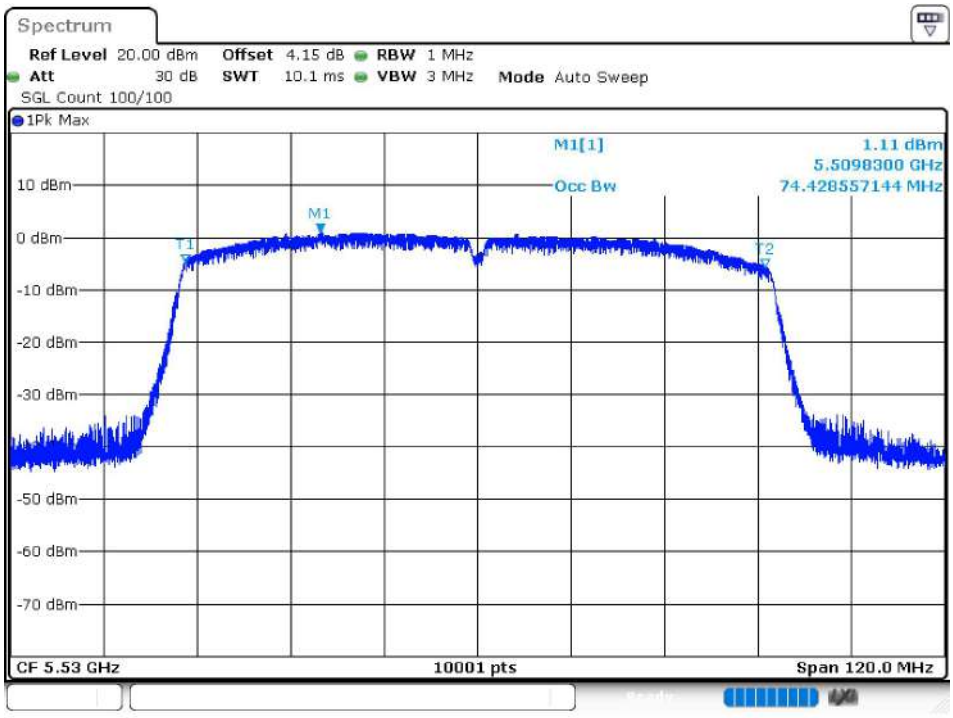
OBW NVNT ac40 5590MHz Ant2



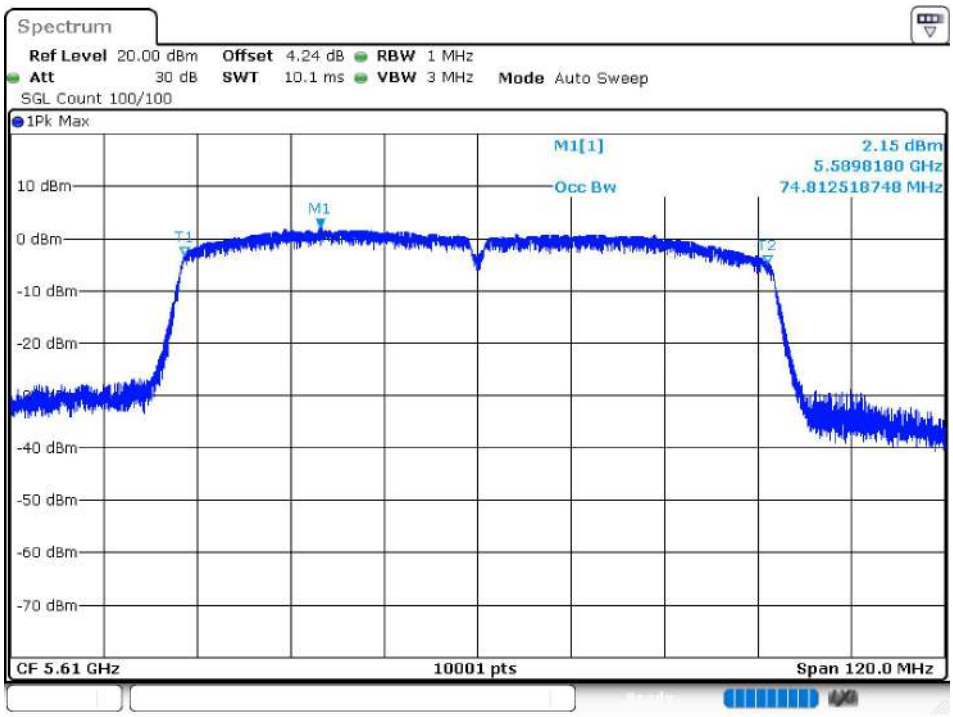
OBW NVNT ac40 5670MHz Ant2



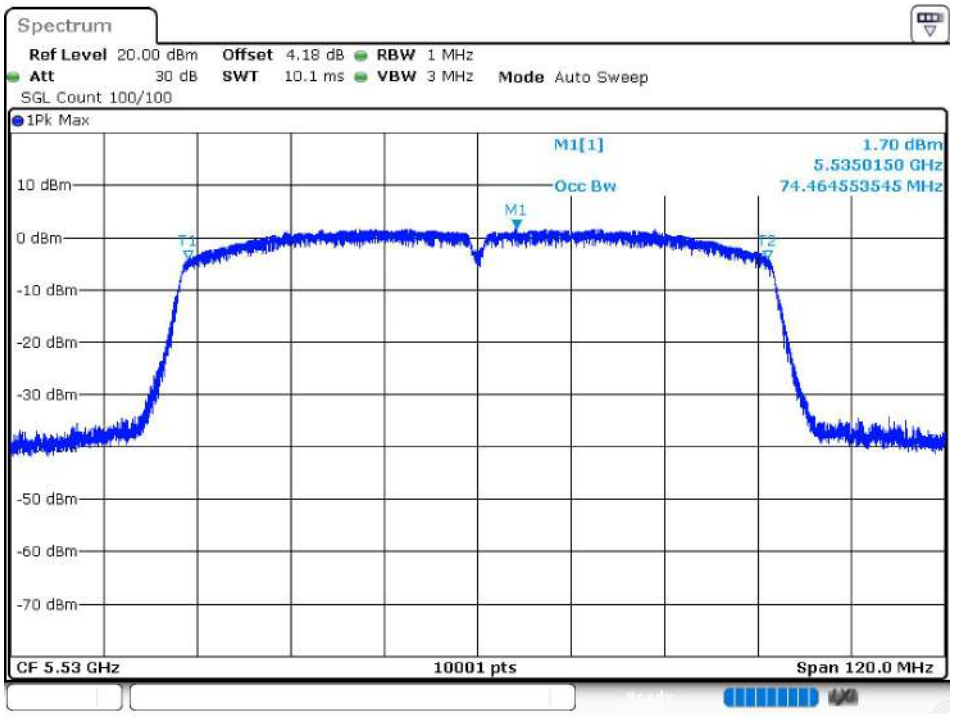
OBW NVNT ac80 5530MHz Ant1



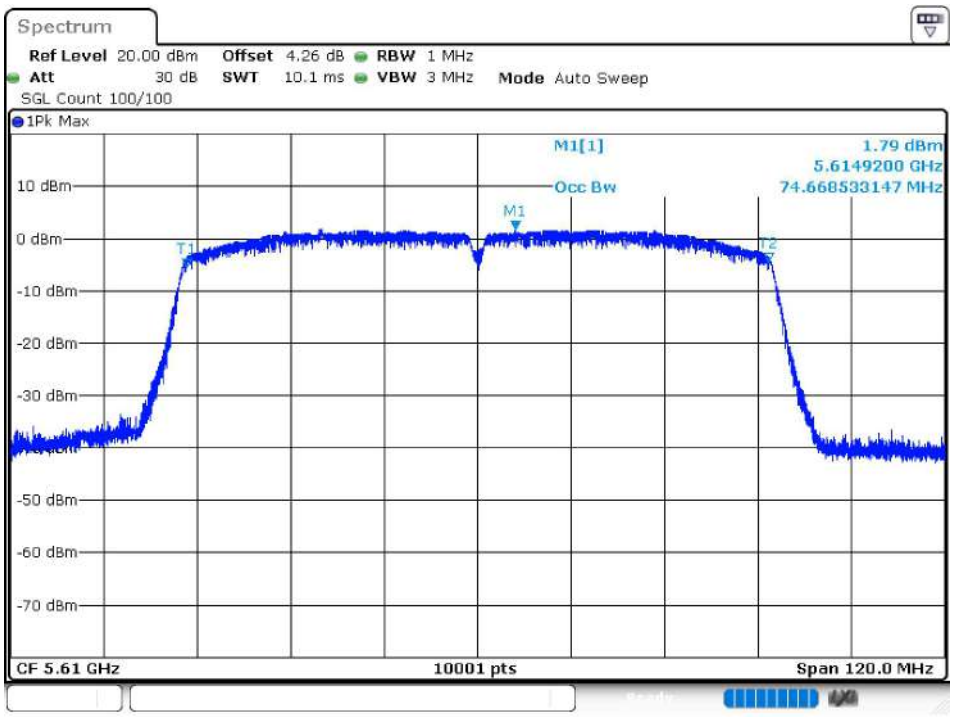
OBW NVNT ac80 5610MHz Ant1



OBW NVNT ac80 5530MHz Ant2

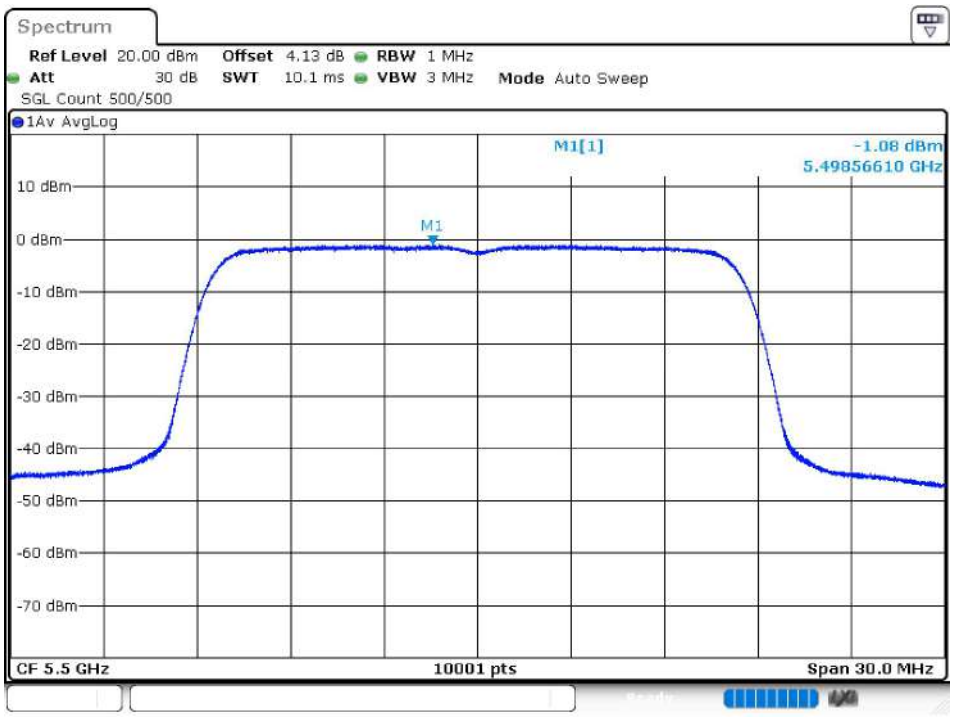
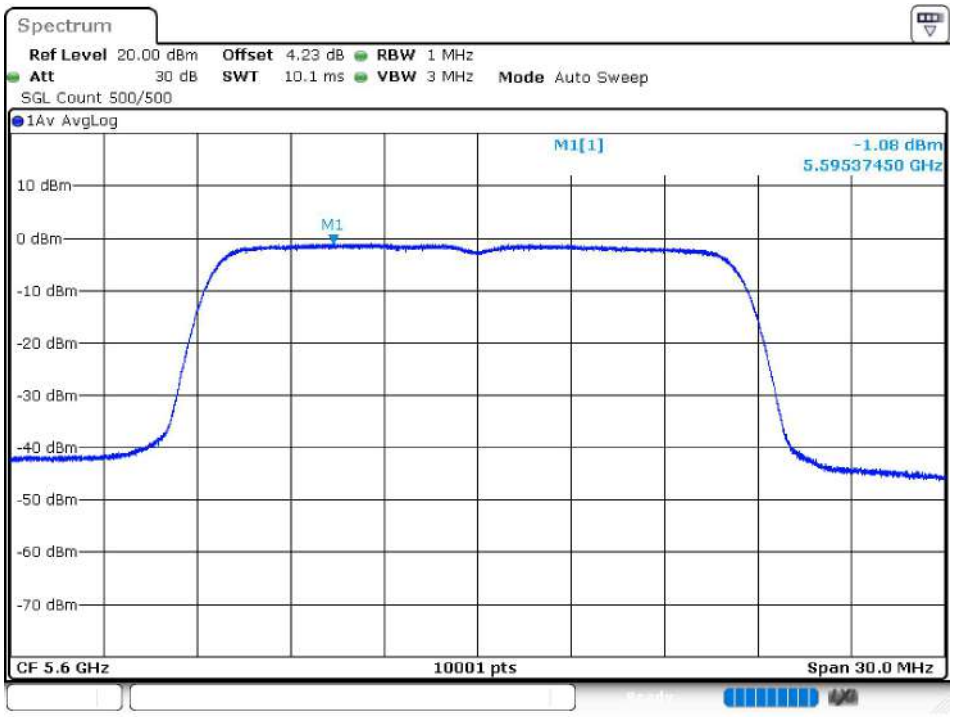


OBW NVNT ac80 5610MHz Ant2

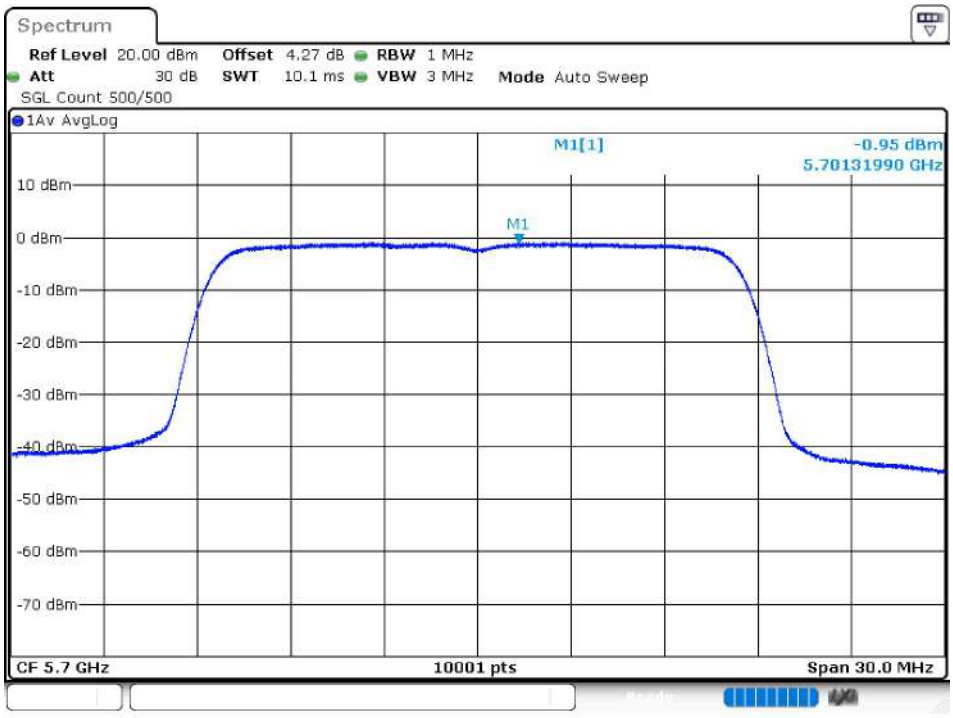


Maximum Power Spectral Density Level

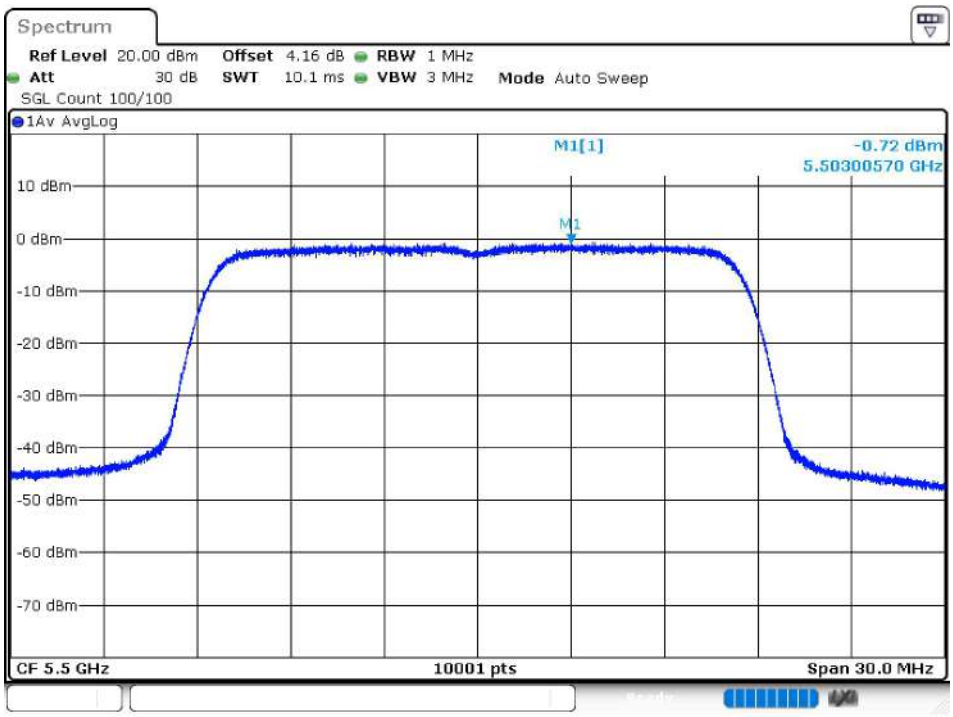
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-1.08	11	Pass
NVNT	a	5600	Ant1	-1.08	11	Pass
NVNT	a	5700	Ant1	-0.95	11	Pass
NVNT	a	5500	Ant2	-0.72	11	Pass
NVNT	a	5600	Ant2	-0.44	11	Pass
NVNT	a	5700	Ant2	-0.96	11	Pass
NVNT	n20	5500	Ant1	-1.65	11	Pass
NVNT	n20	5600	Ant1	-1.42	11	Pass
NVNT	n20	5700	Ant1	-1.29	11	Pass
NVNT	n20	5500	Ant2	-1	11	Pass
NVNT	n20	5600	Ant2	-0.9	11	Pass
NVNT	n20	5700	Ant2	-0.99	11	Pass
NVNT	n40	5510	Ant1	-4.75	11	Pass
NVNT	n40	5590	Ant1	-4.36	11	Pass
NVNT	n40	5670	Ant1	-4.89	11	Pass
NVNT	n40	5510	Ant2	-3.68	11	Pass
NVNT	n40	5590	Ant2	-4.52	11	Pass
NVNT	n40	5670	Ant2	-3.99	11	Pass
NVNT	ac20	5500	Ant1	-1.86	11	Pass
NVNT	ac20	5600	Ant1	-1.62	11	Pass
NVNT	ac20	5700	Ant1	-1.56	11	Pass
NVNT	ac20	5500	Ant2	-1.35	11	Pass
NVNT	ac20	5600	Ant2	-0.95	11	Pass
NVNT	ac20	5700	Ant2	-1.18	11	Pass
NVNT	ac40	5510	Ant1	-4.97	11	Pass
NVNT	ac40	5590	Ant1	-4.5	11	Pass
NVNT	ac40	5670	Ant1	-5.11	11	Pass
NVNT	ac40	5510	Ant2	-3.98	11	Pass
NVNT	ac40	5590	Ant2	-4.17	11	Pass
NVNT	ac40	5670	Ant2	-3.61	11	Pass
NVNT	ac80	5530	Ant1	-8.73	11	Pass
NVNT	ac80	5610	Ant1	-7.71	11	Pass
NVNT	ac80	5530	Ant2	-7.23	11	Pass
NVNT	ac80	5610	Ant2	-7.49	11	Pass

Test Graphs
PSD NVNT a 5500MHz Ant1

PSD NVNT a 5600MHz Ant1


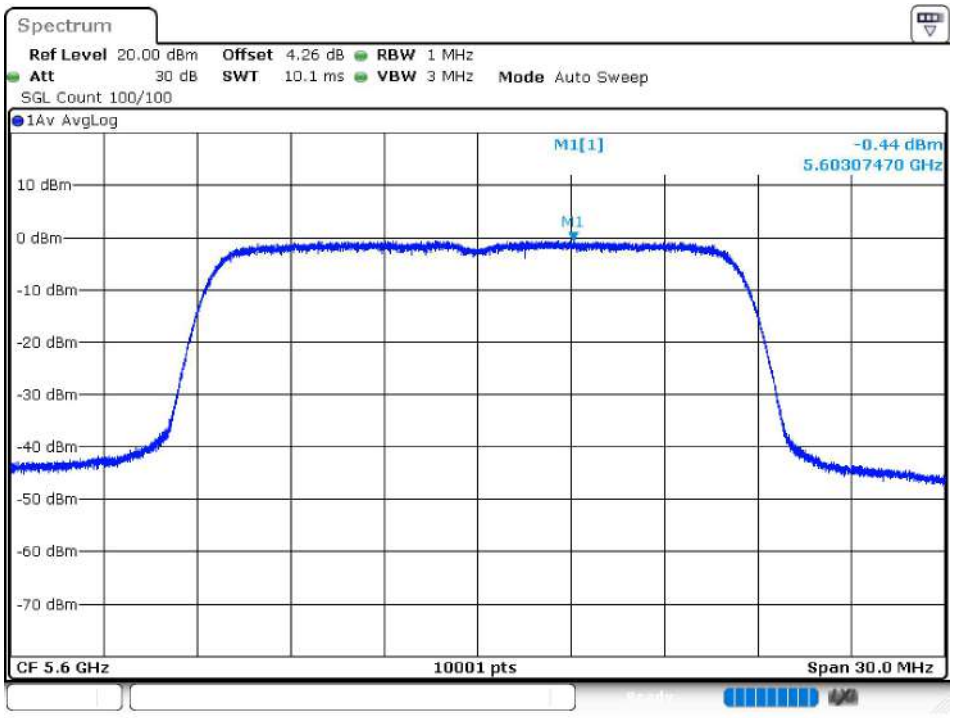
PSD NVNT a 5700MHz Ant1



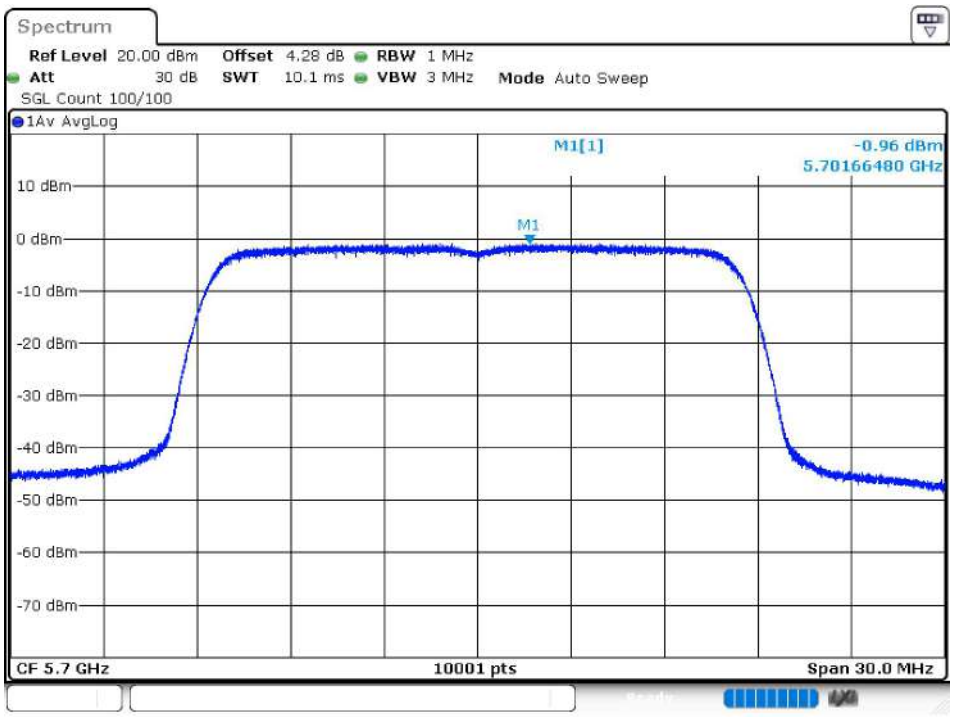
PSD NVNT a 5500MHz Ant2



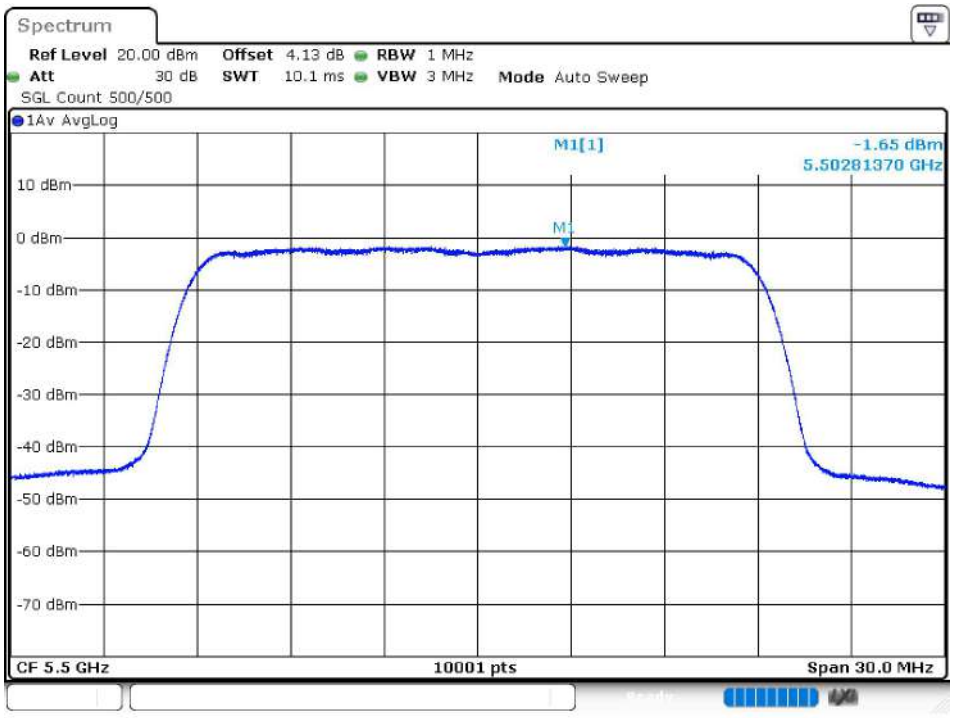
PSD NVNT a 5600MHz Ant2



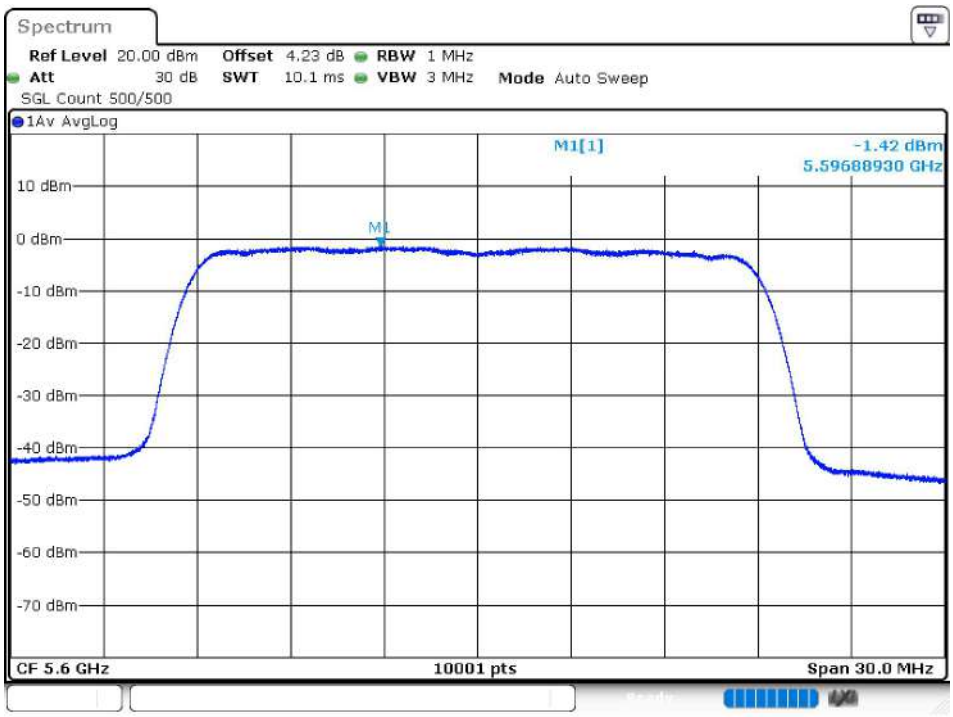
PSD NVNT a 5700MHz Ant2



PSD NVNT n20 5500MHz Ant1

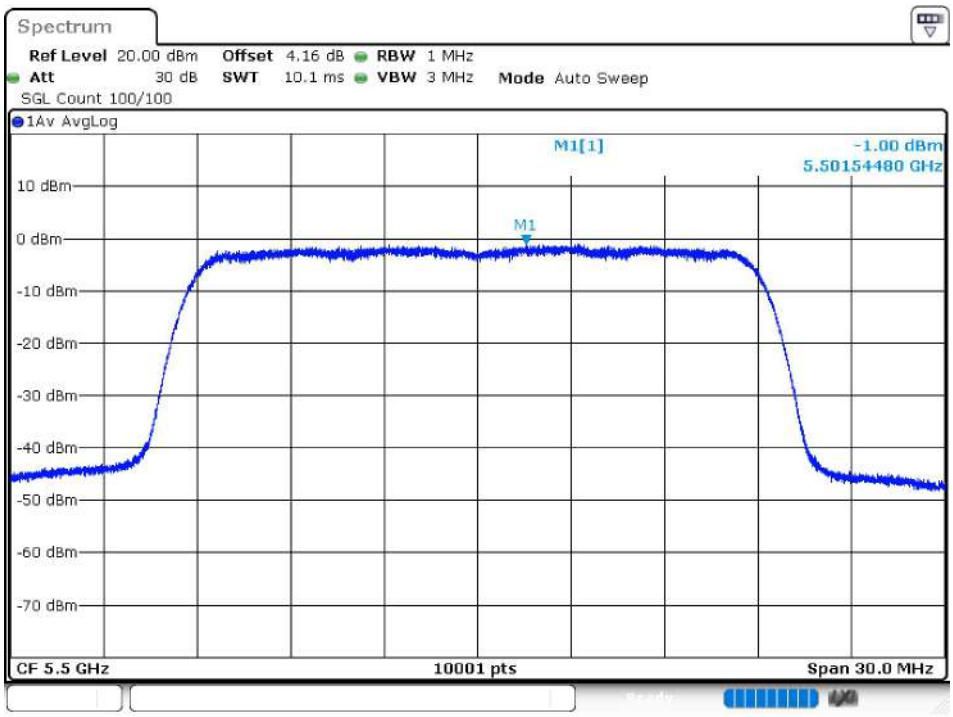


PSD NVNT n20 5600MHz Ant1

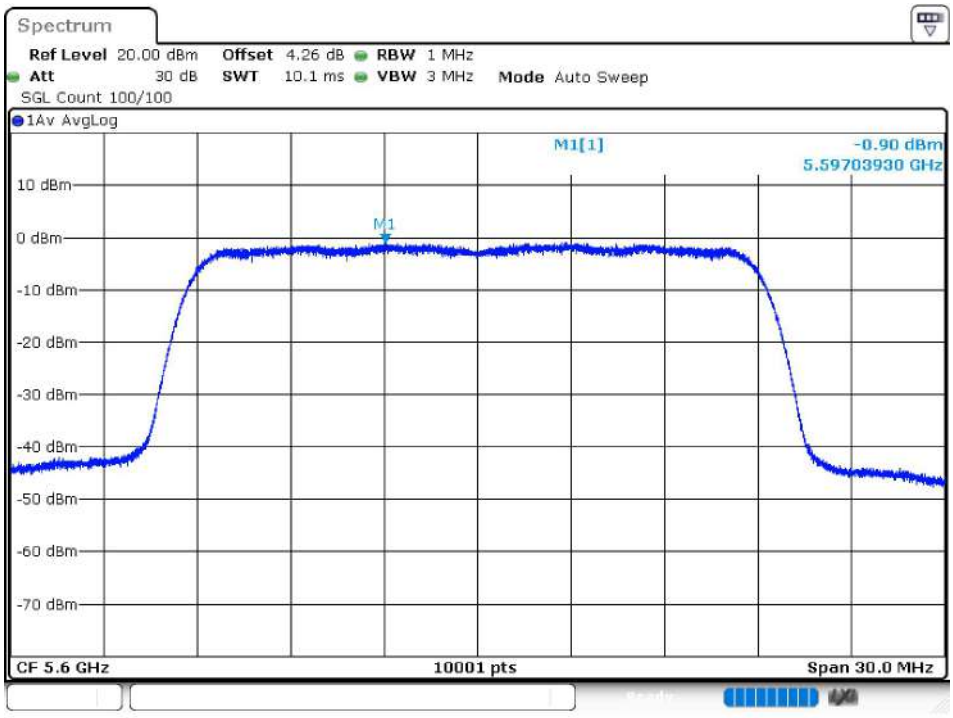


PSD NVNT n20 5700MHz Ant1

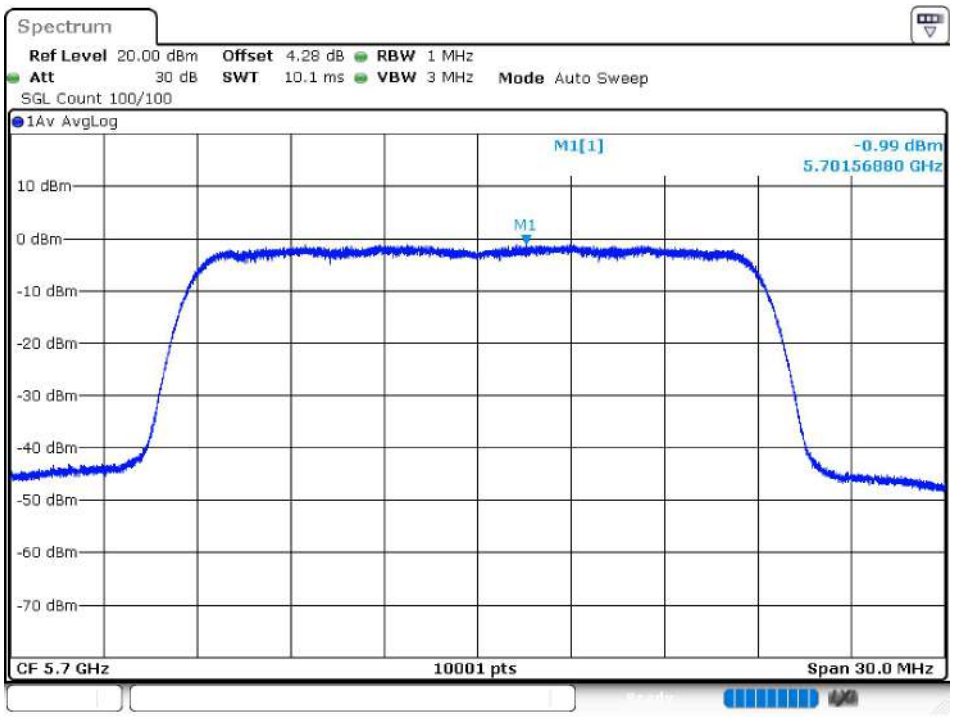
PSD NVNT n20 5500MHz Ant2



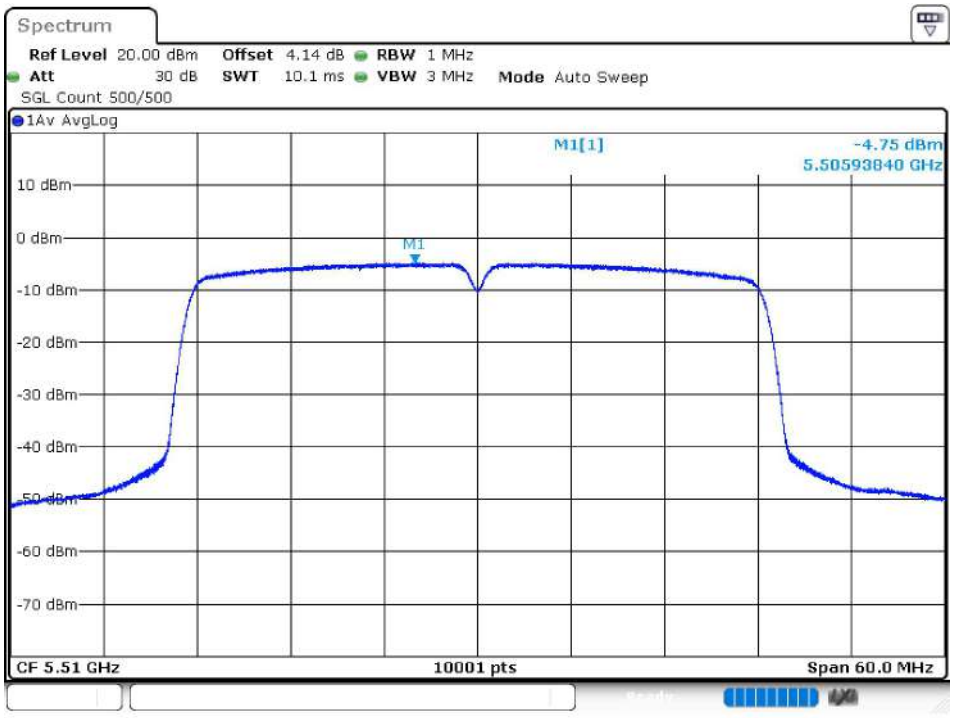
PSD NVNT n20 5600MHz Ant2



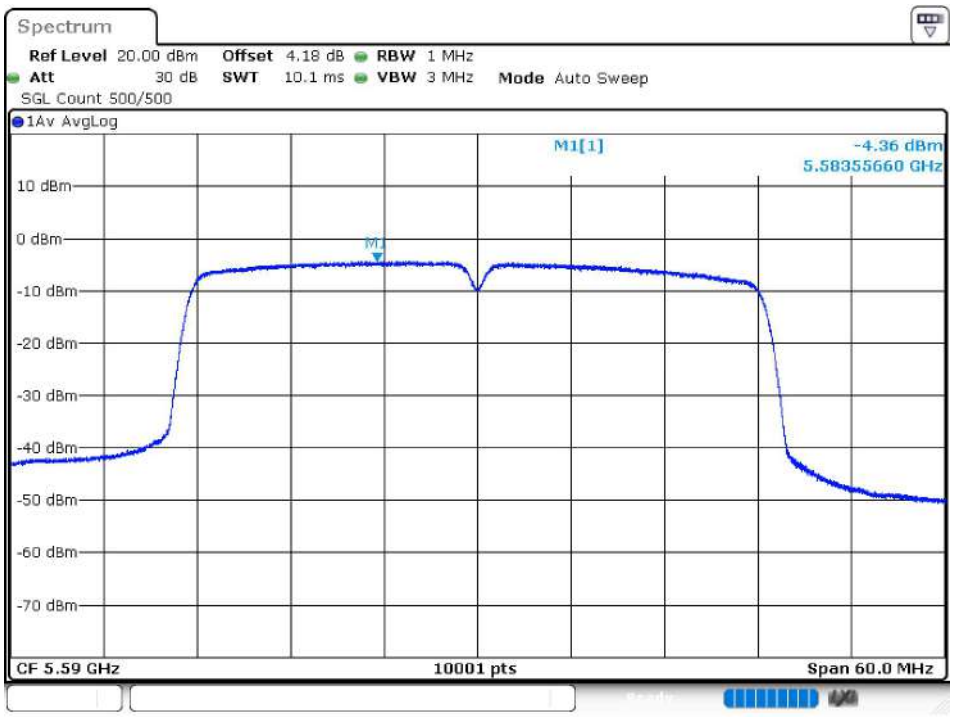
PSD NVNT n20 5700MHz Ant2



PSD NVNT n40 5510MHz Ant1

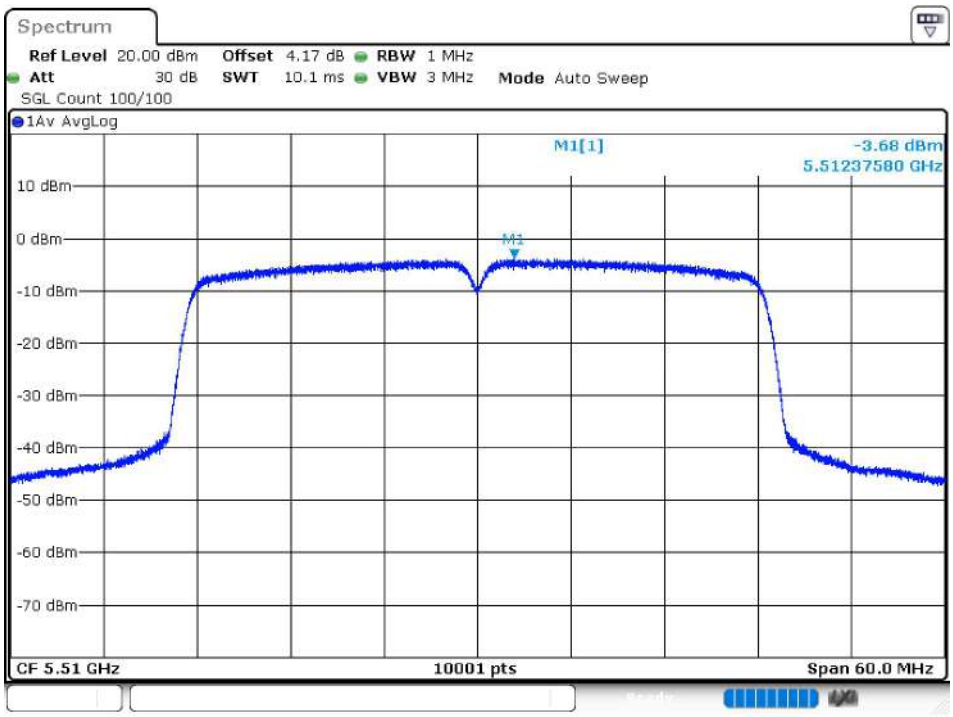


PSD NVNT n40 5590MHz Ant1

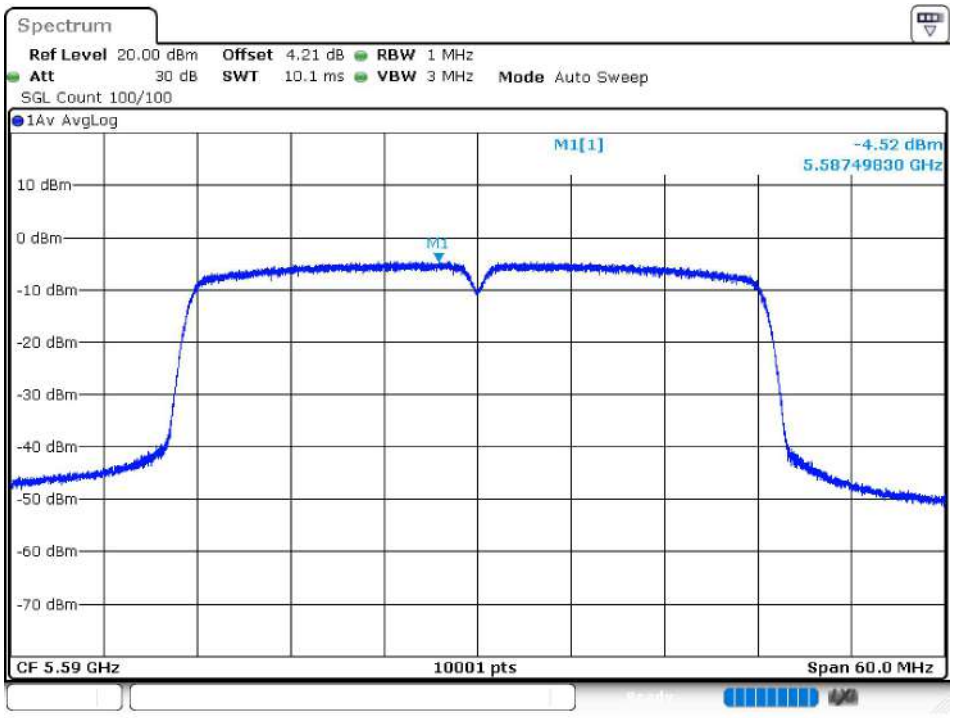


PSD NVNT n40 5670MHz Ant1

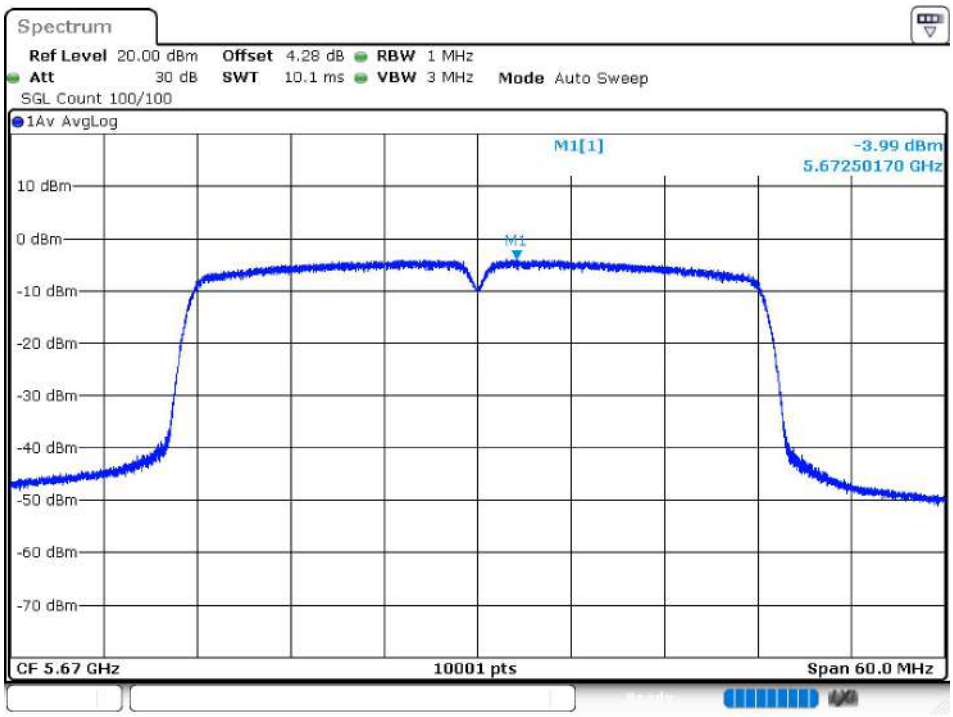
PSD NVNT n40 5510MHz Ant2



PSD NVNT n40 5590MHz Ant2

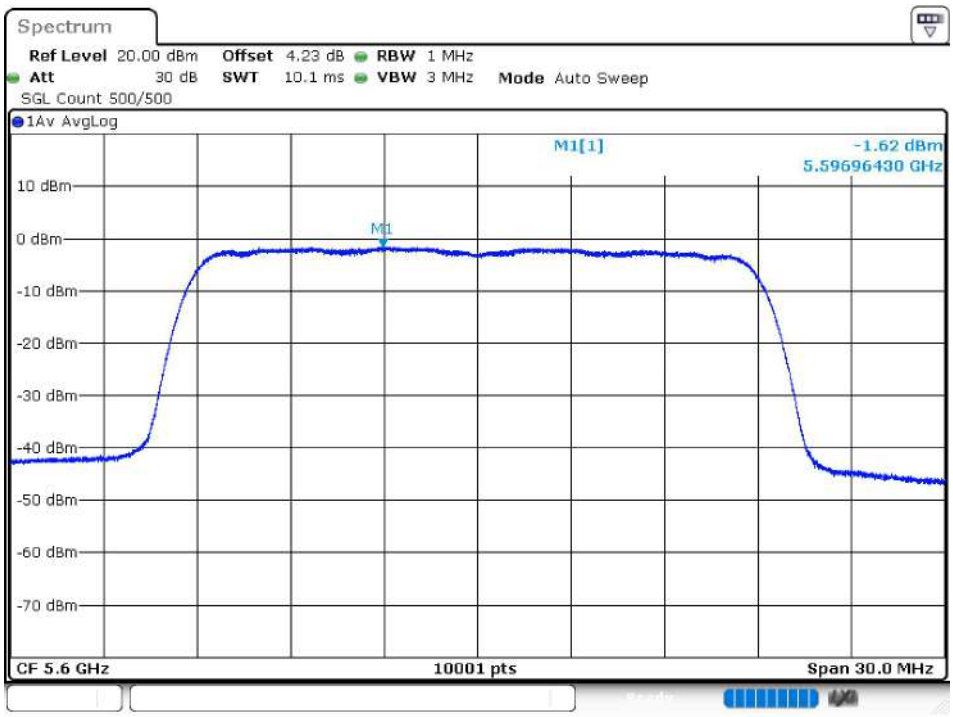


PSD NVNT n40 5670MHz Ant2

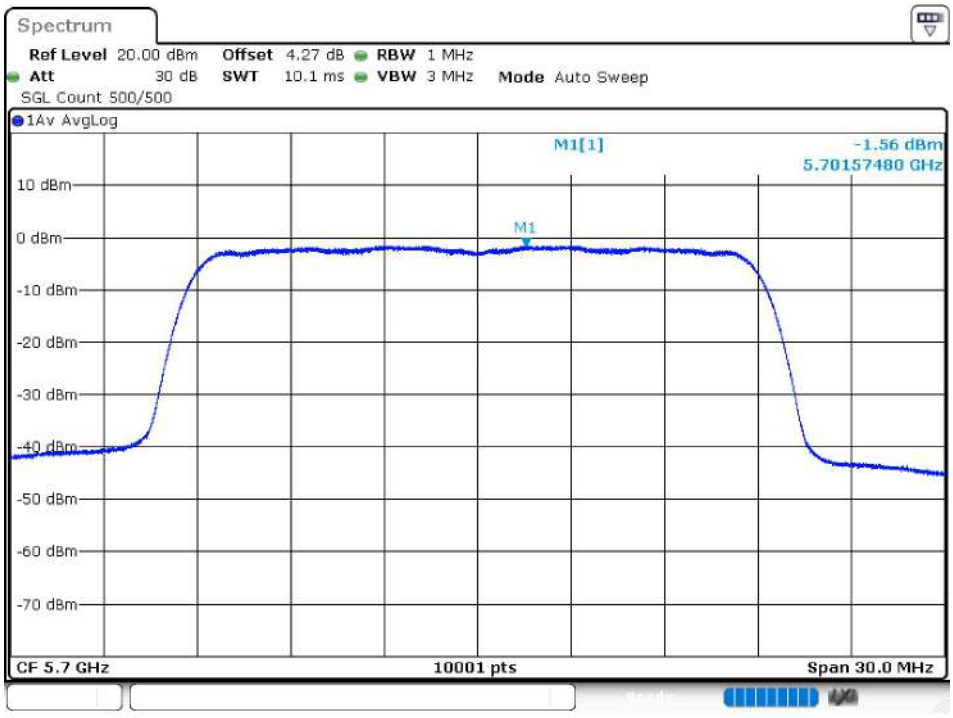


PSD NVNT ac20 5500MHz Ant1

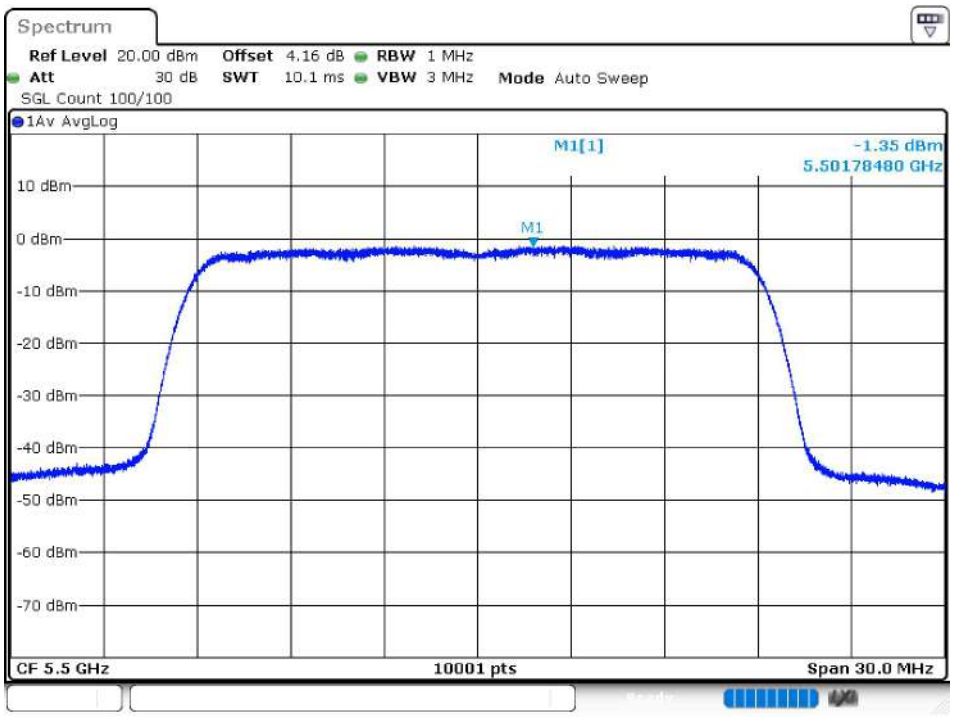
PSD NVNT ac20 5600MHz Ant1



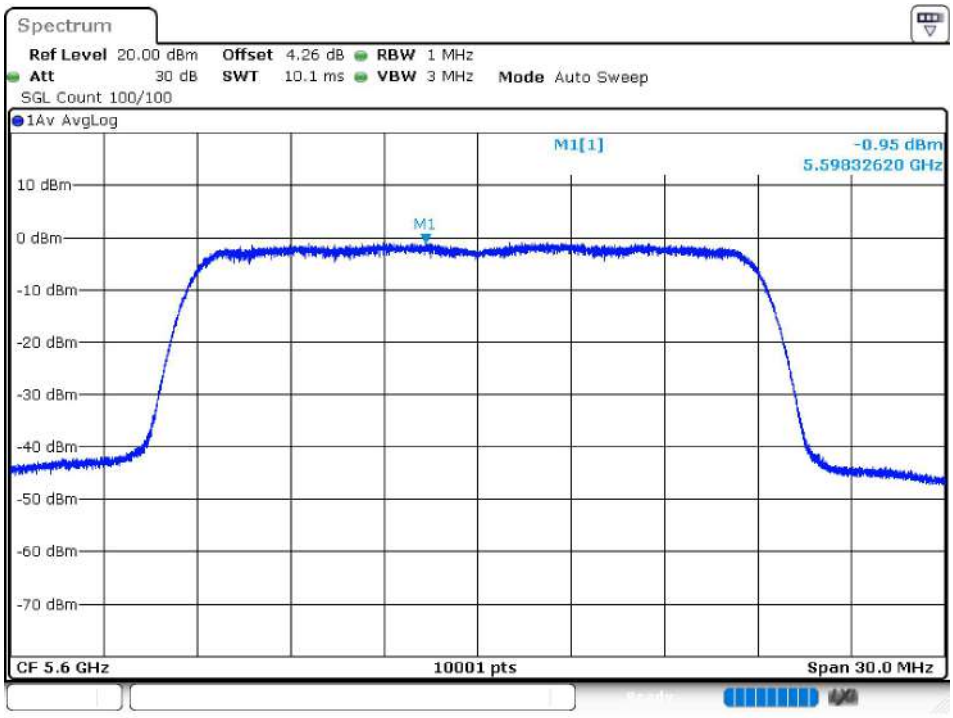
PSD NVNT ac20 5700MHz Ant1



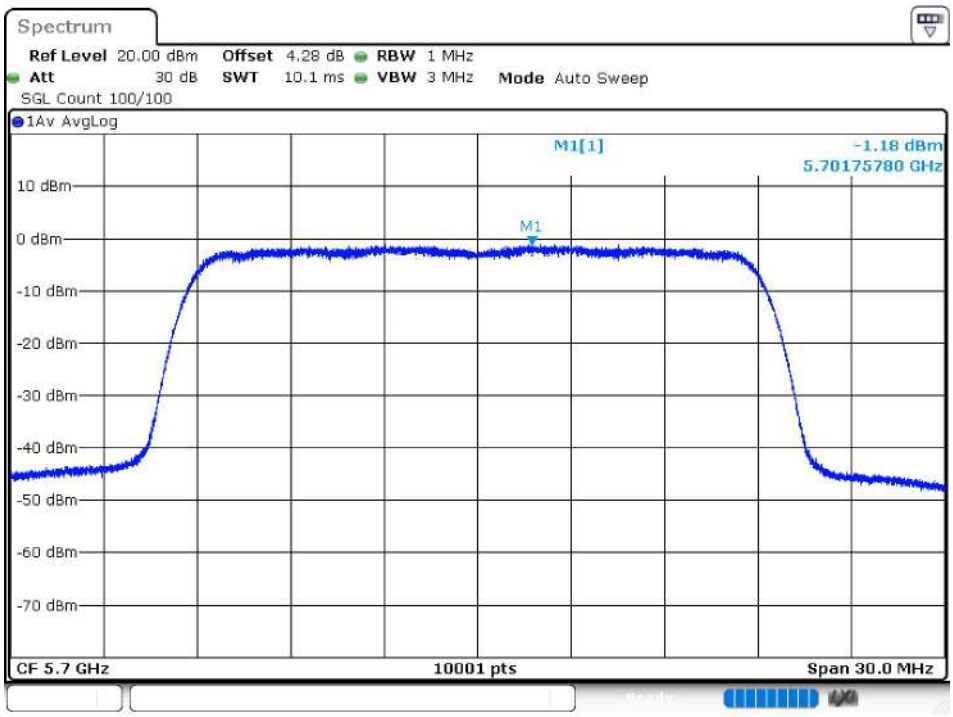
PSD NVNT ac20 5500MHz Ant2



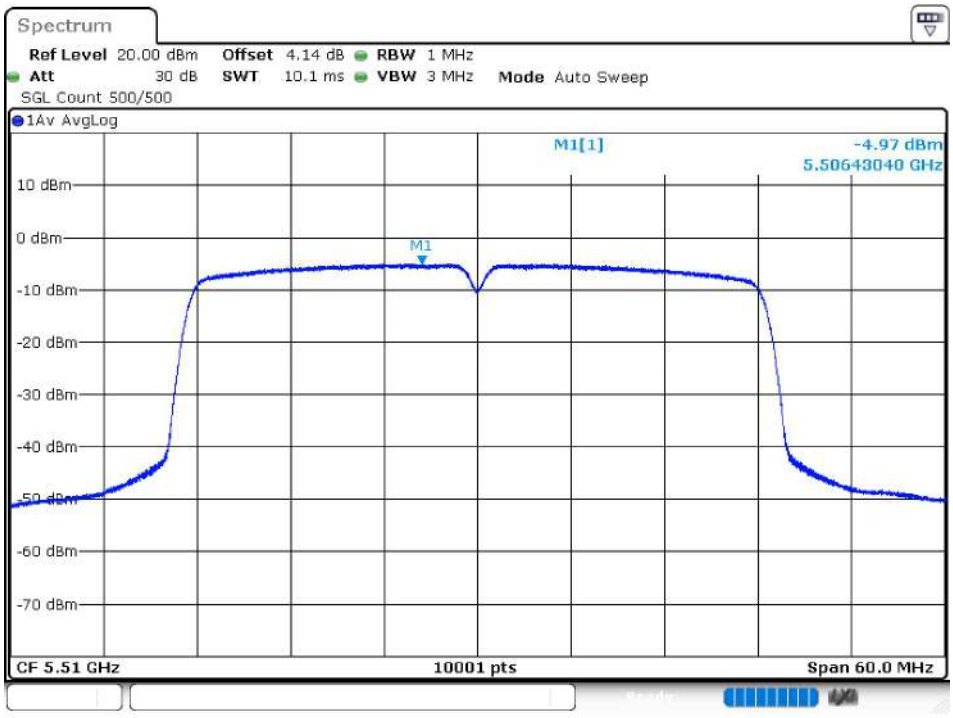
PSD NVNT ac20 5600MHz Ant2



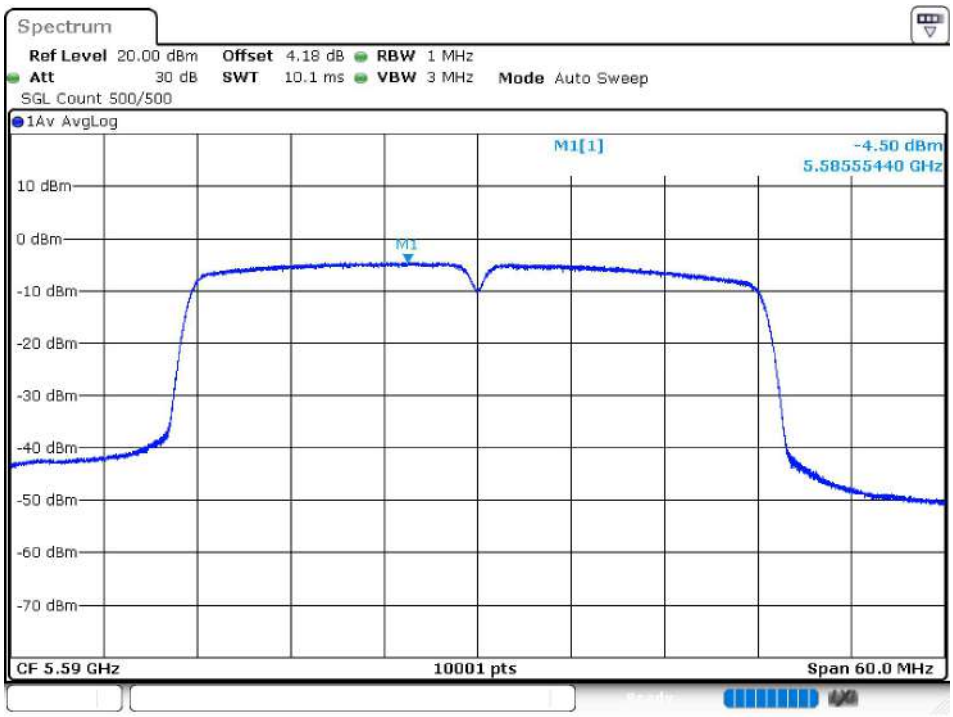
PSD NVNT ac20 5700MHz Ant2



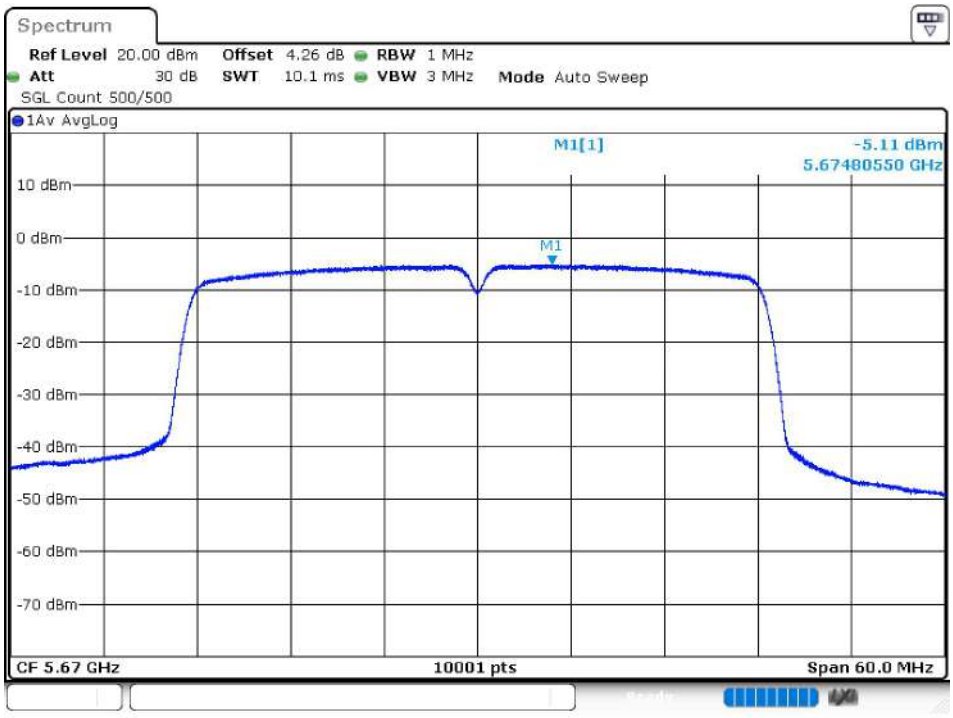
PSD NVNT ac40 5510MHz Ant1



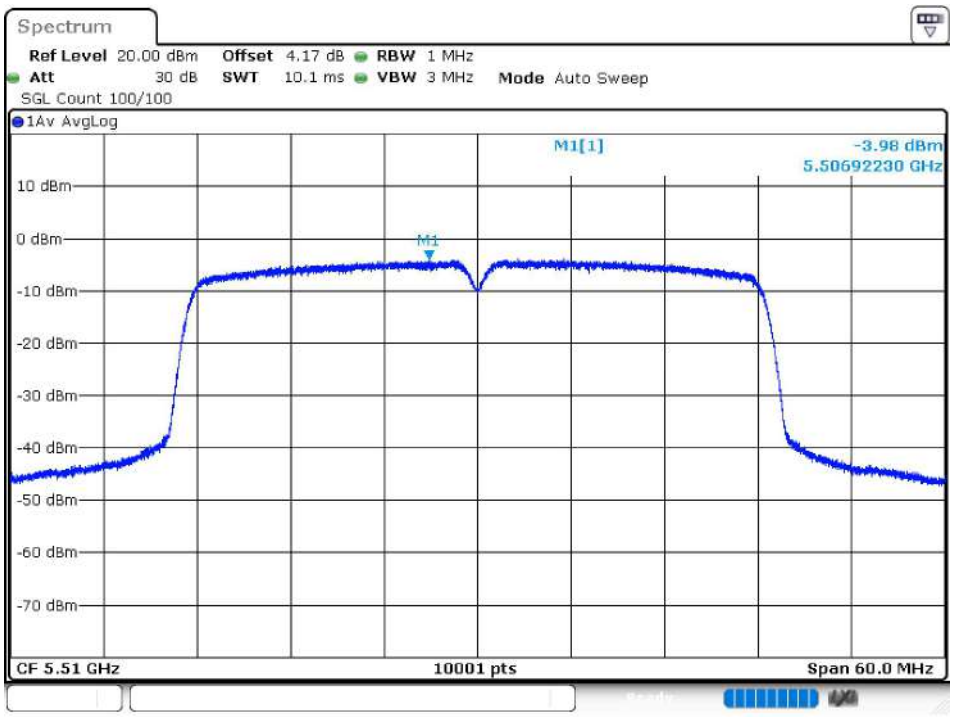
PSD NVNT ac40 5590MHz Ant1



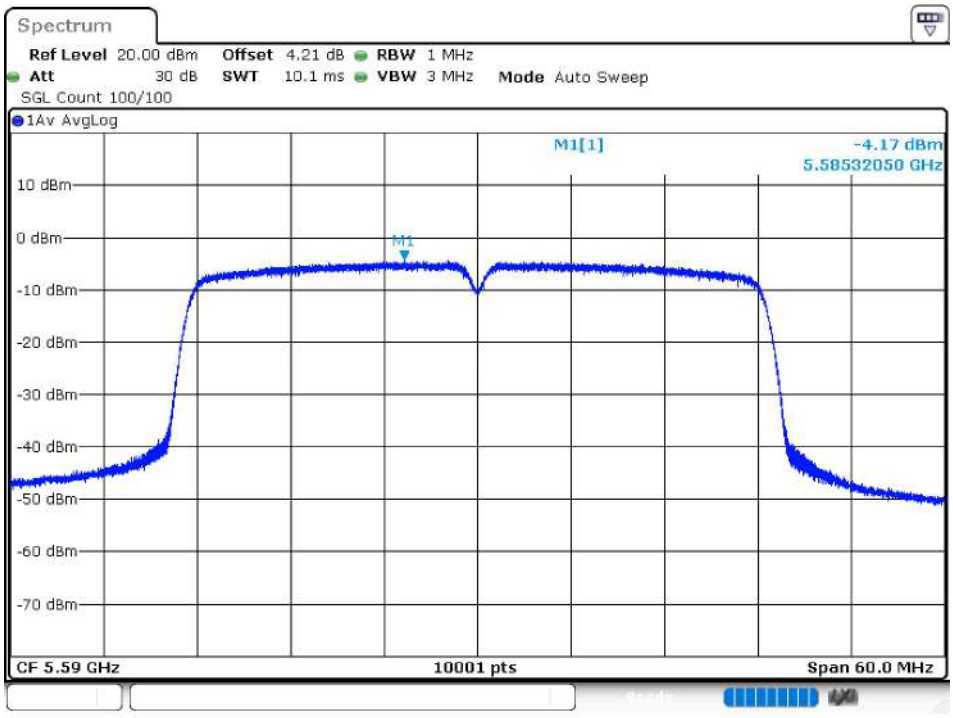
PSD NVNT ac40 5670MHz Ant1



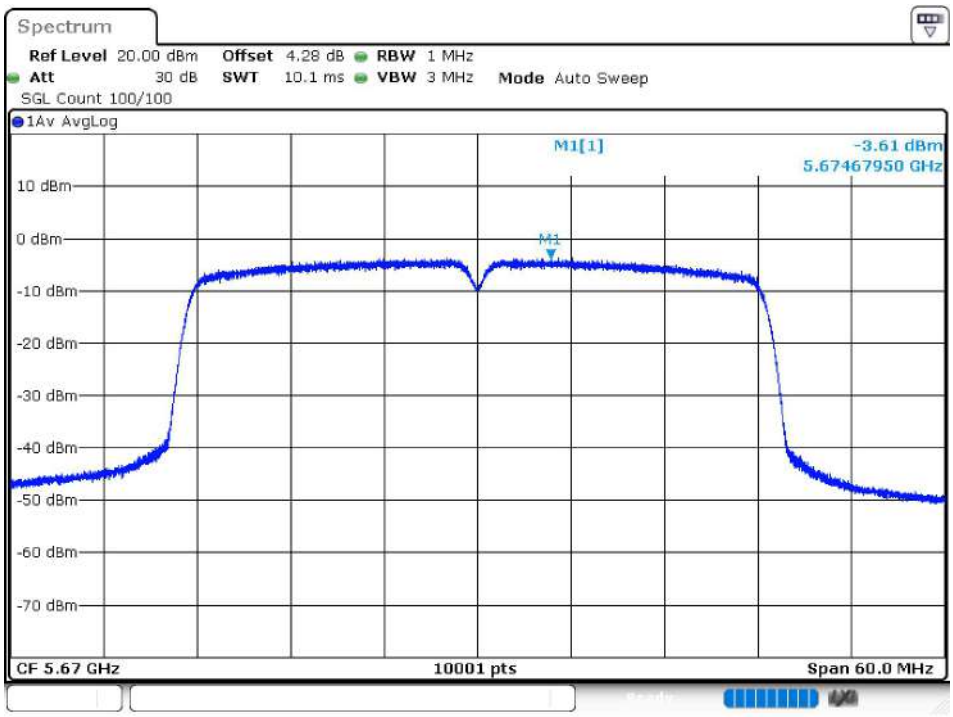
PSD NVNT ac40 5510MHz Ant2



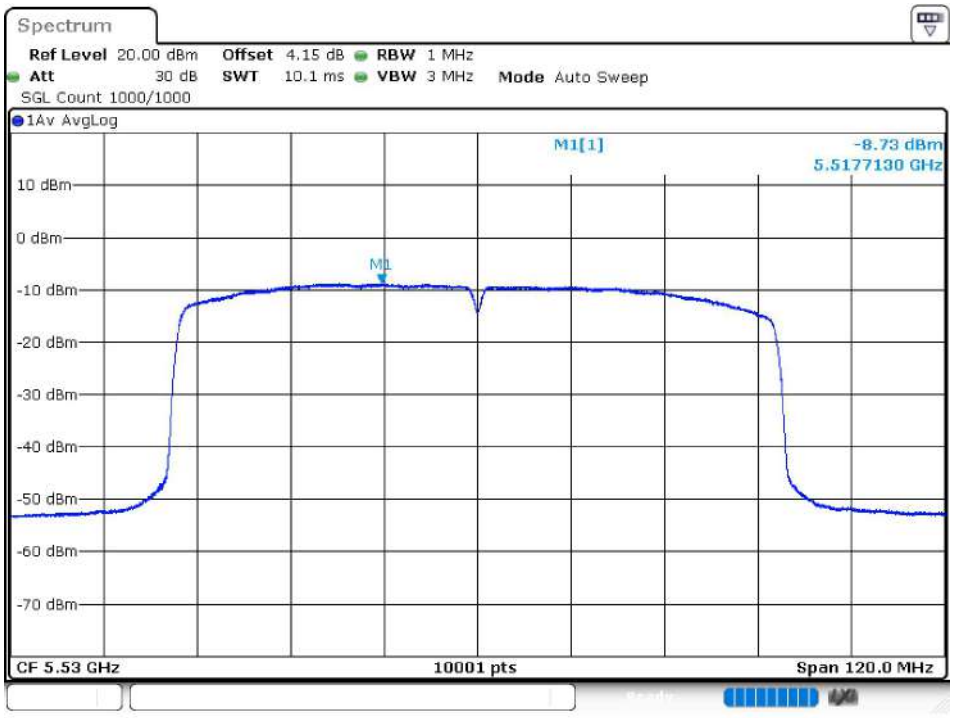
PSD NVNT ac40 5590MHz Ant2



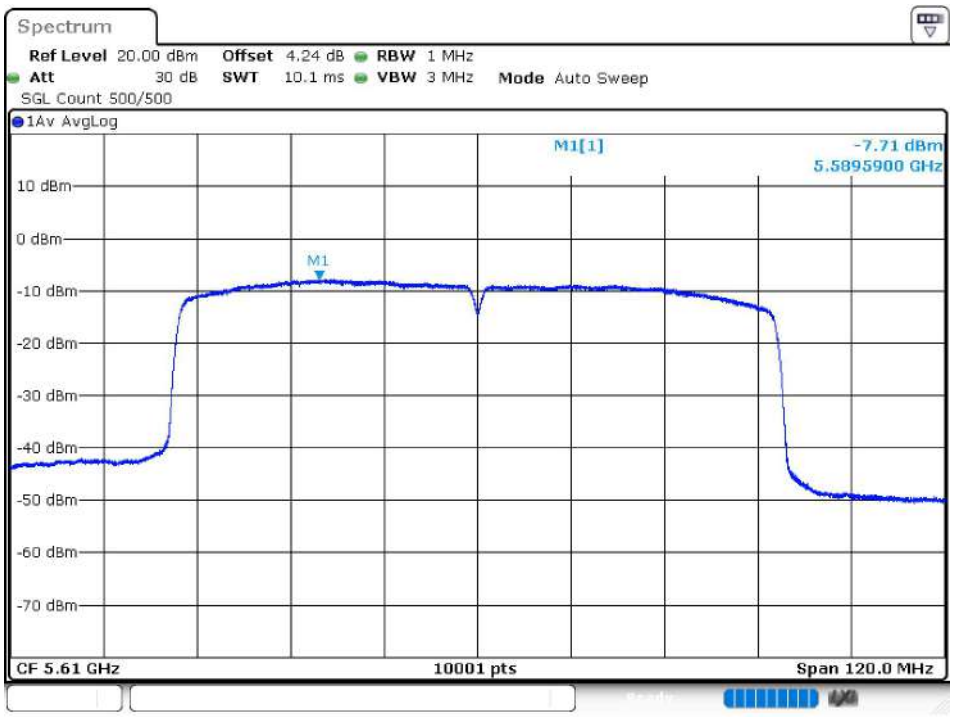
PSD NVNT ac40 5670MHz Ant2



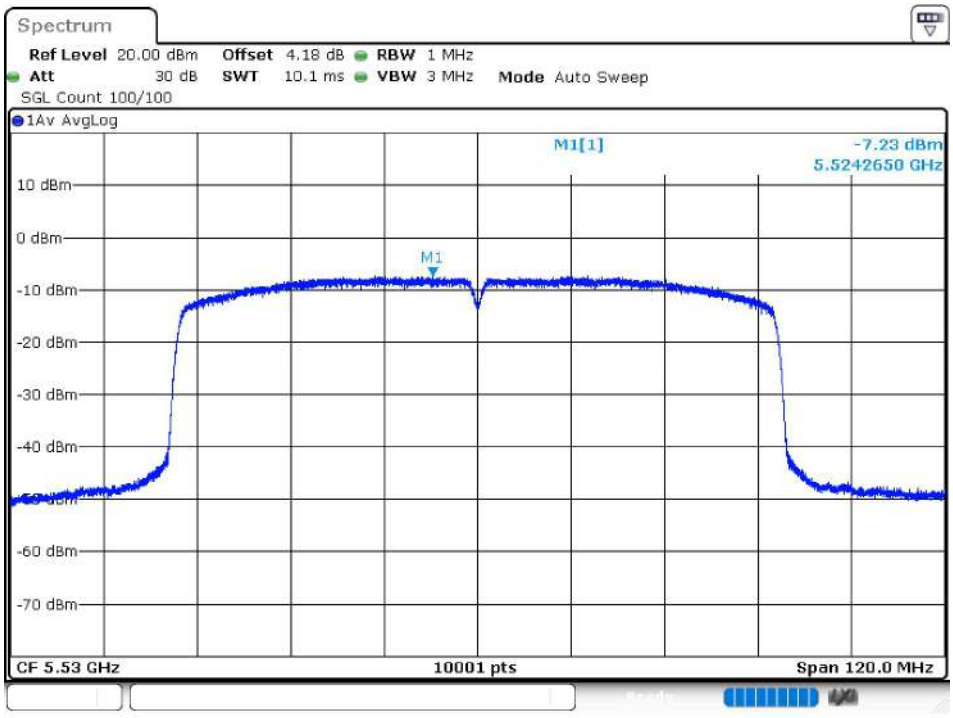
PSD NVNT ac80 5530MHz Ant1



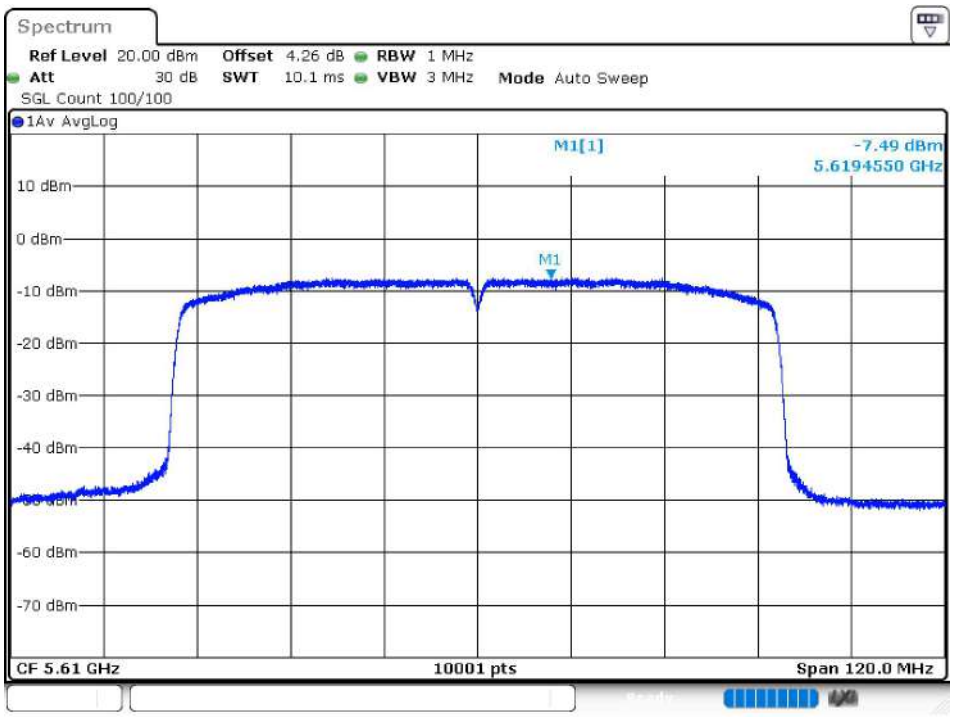
PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5530MHz Ant2



PSD NVNT ac80 5610MHz Ant2

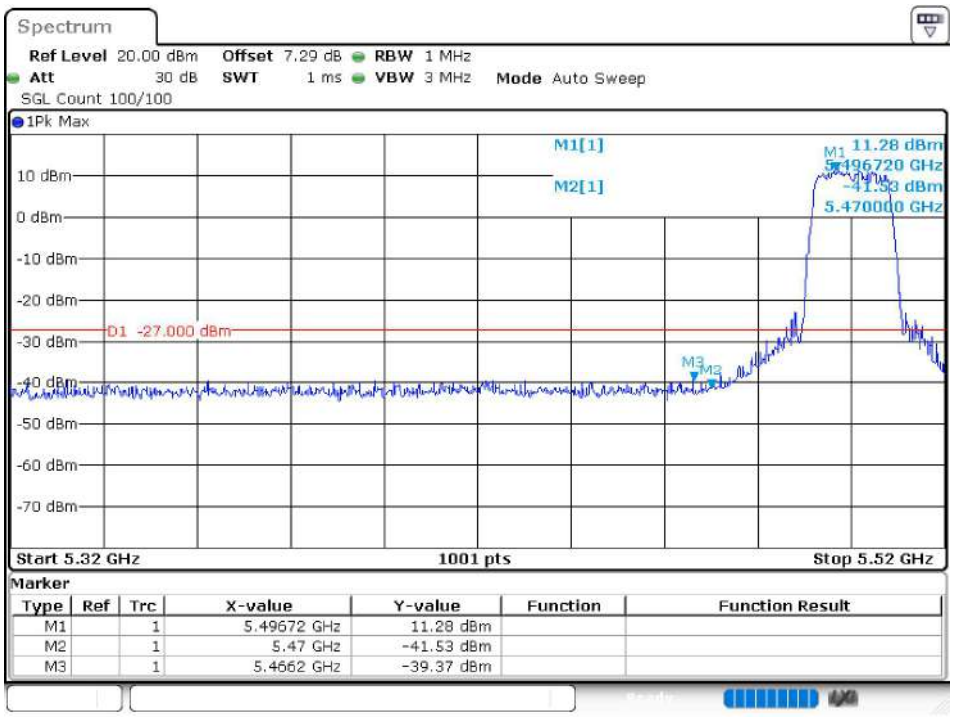


Band Edge

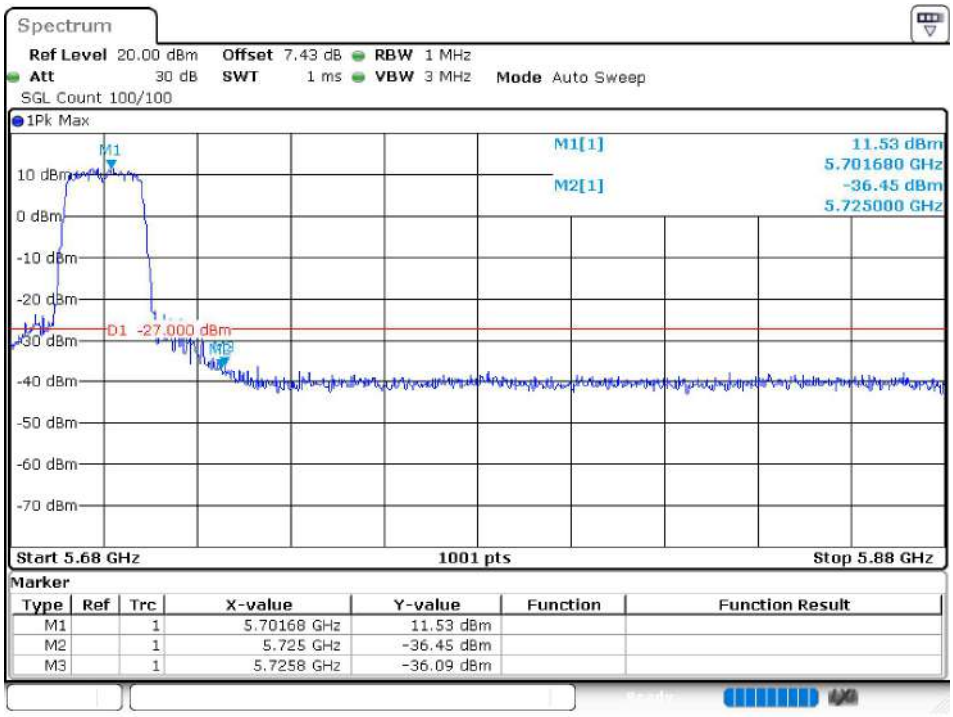
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-39.37	-27	Pass
NVNT	a	5700	Ant1	-36.09	-27	Pass
NVNT	a	5500	Ant2	-38.88	-27	Pass
NVNT	a	5700	Ant2	-37.19	-27	Pass
NVNT	n20	5500	Ant1	-38.82	-27	Pass
NVNT	n20	5700	Ant1	-34.49	-27	Pass
NVNT	n20	5500	Ant2	-41.19	-27	Pass
NVNT	n20	5700	Ant2	-40.9	-27	Pass
NVNT	n40	5510	Ant1	-37.74	-27	Pass
NVNT	n40	5670	Ant1	-37.93	-27	Pass
NVNT	n40	5510	Ant2	-36.35	-27	Pass
NVNT	n40	5670	Ant2	-40.76	-27	Pass
NVNT	ac20	5500	Ant1	-39.43	-27	Pass
NVNT	ac20	5700	Ant1	-36.23	-27	Pass
NVNT	ac20	5500	Ant2	-39.96	-27	Pass
NVNT	ac20	5700	Ant2	-40.17	-27	Pass
NVNT	ac40	5510	Ant1	-37.45	-27	Pass
NVNT	ac40	5670	Ant1	-37.13	-27	Pass
NVNT	ac40	5510	Ant2	-38.11	-27	Pass
NVNT	ac40	5670	Ant2	-41.33	-27	Pass
NVNT	ac80	5530	Ant1	-35.66	-27	Pass
NVNT	ac80	5610	Ant1	-37.3	-27	Pass
NVNT	ac80	5530	Ant2	-36.99	-27	Pass
NVNT	ac80	5610	Ant2	-42.66	-27	Pass

Note: This test has increased antenna gain .

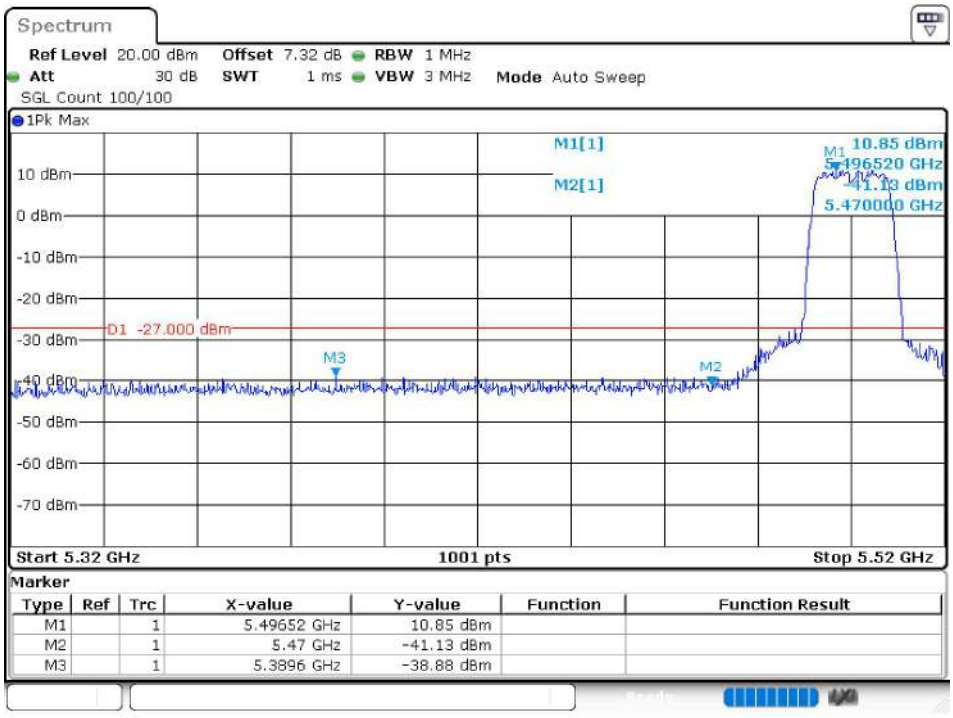
Test Graphs
Band Edge NVNT a 5500MHz Low Ant1



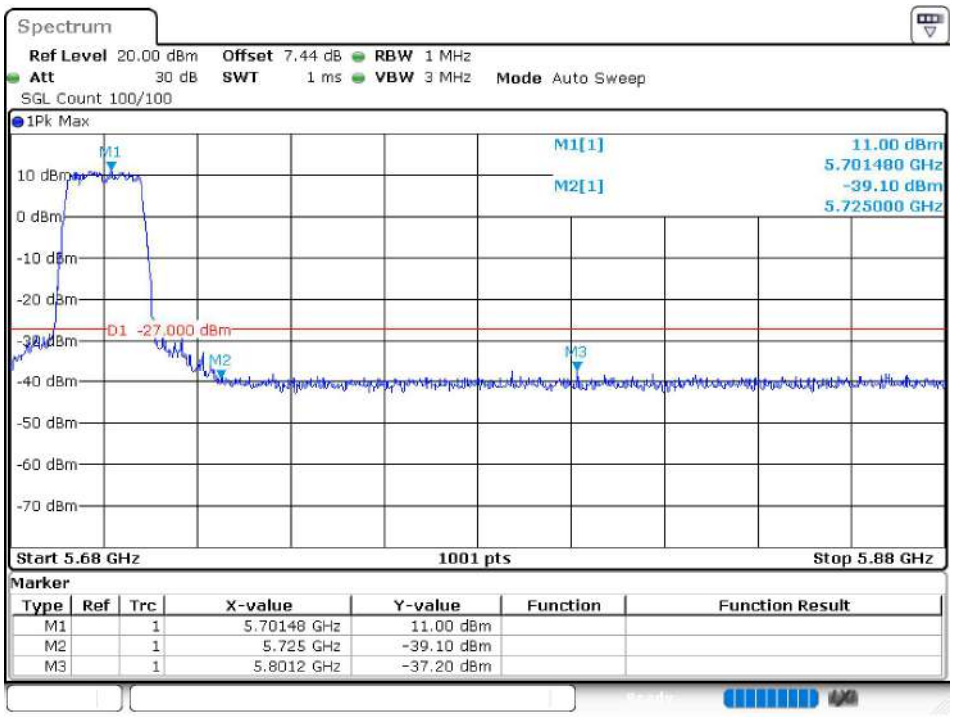
Band Edge NVNT a 5700MHz High Ant1



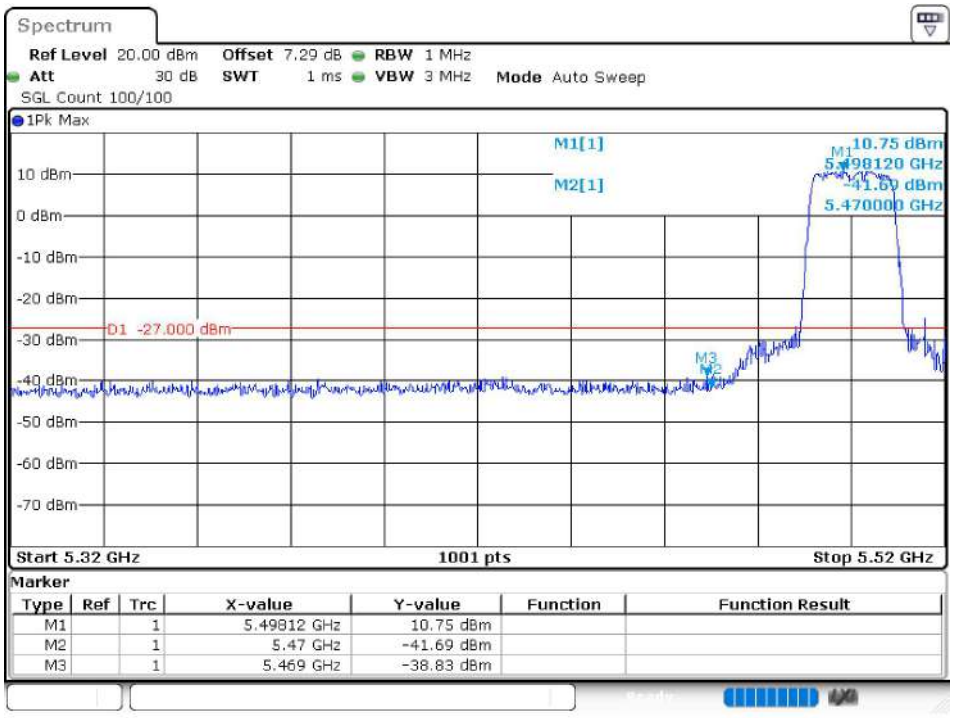
Band Edge NVNT a 5500MHz Low Ant2



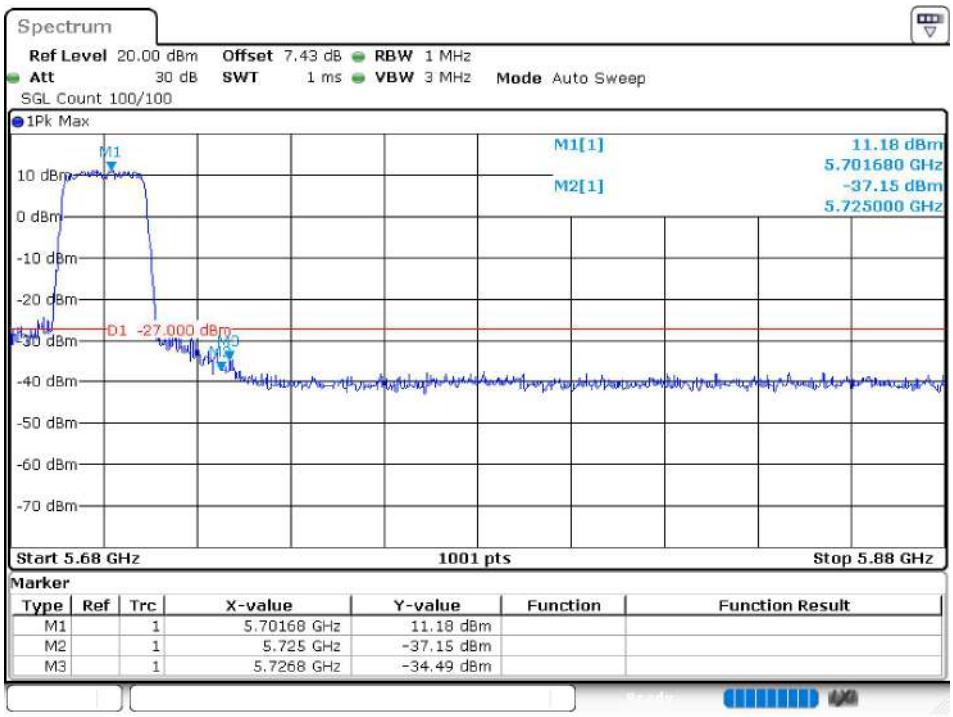
Band Edge NVNT a 5700MHz High Ant2



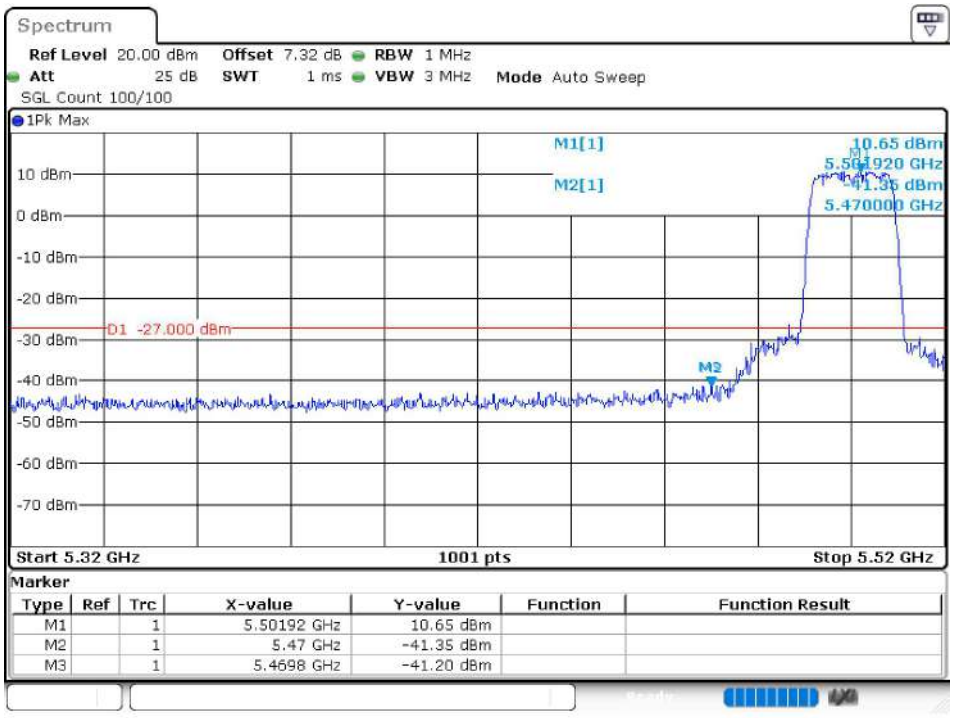
Band Edge NVNT n20 5500MHz Low Ant1



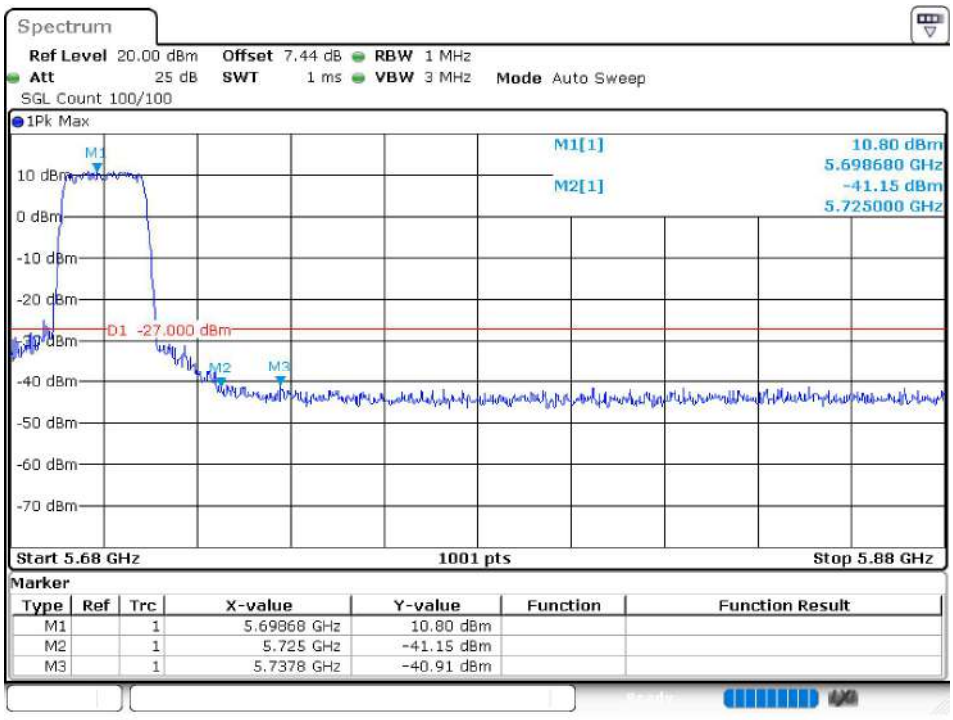
Band Edge NVNT n20 5700MHz High Ant1



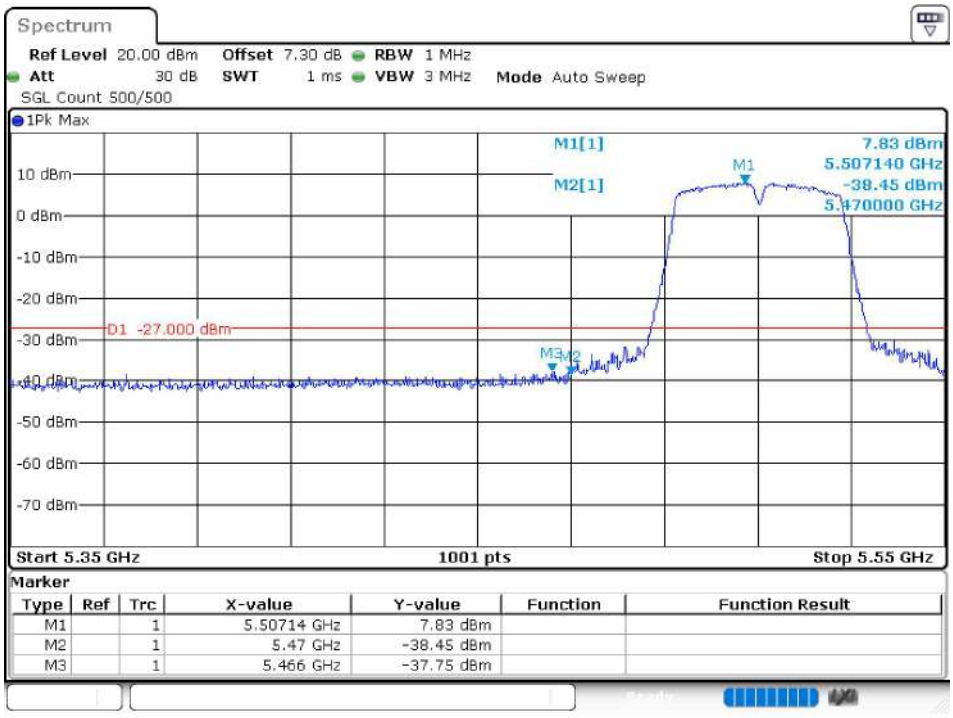
Band Edge NVNT n20 5500MHz Low Ant2



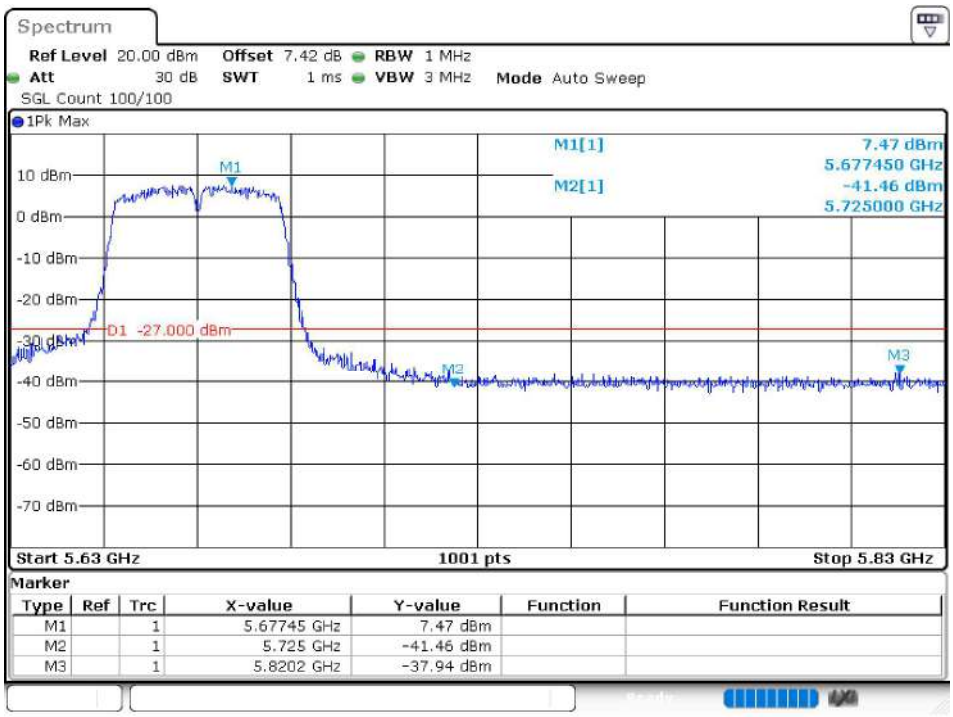
Band Edge NVNT n20 5700MHz High Ant2



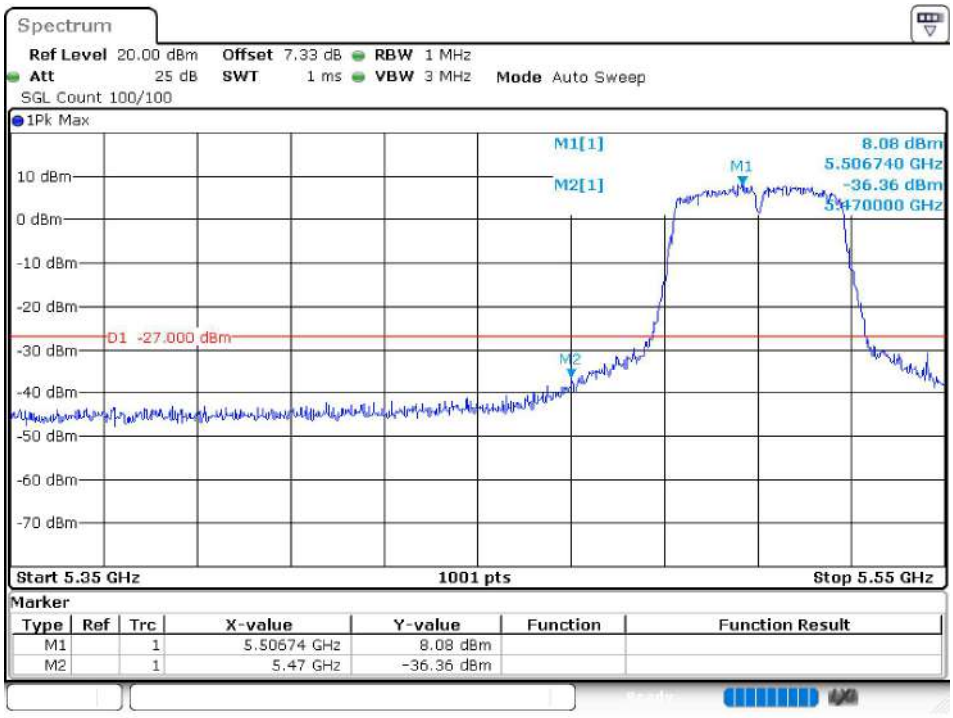
Band Edge NVNT n40 5510MHz Low Ant1



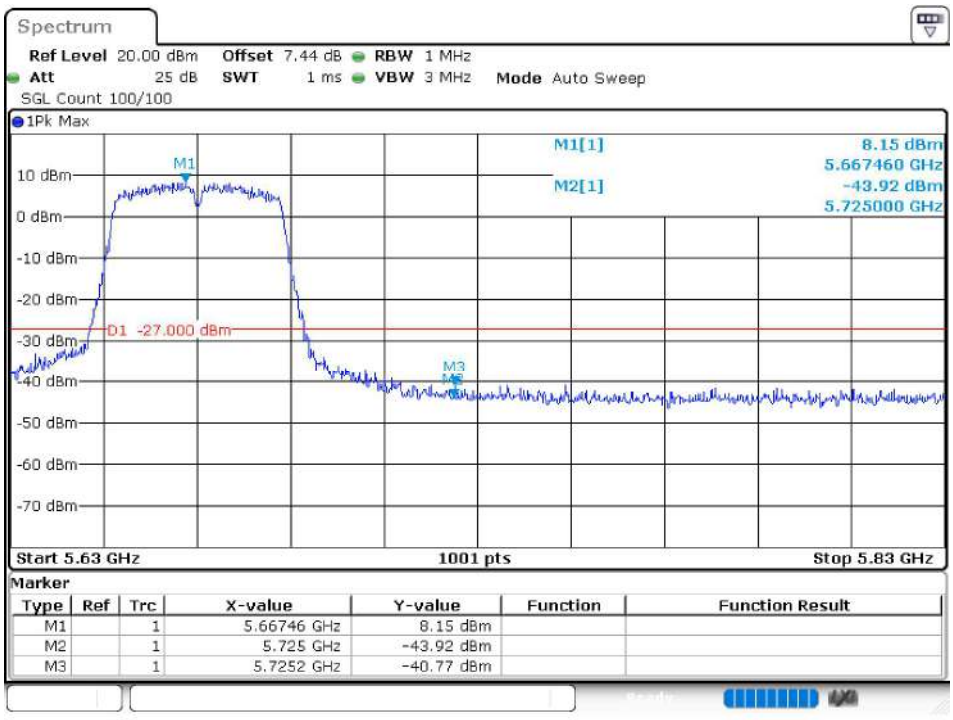
Band Edge NVNT n40 5670MHz High Ant1



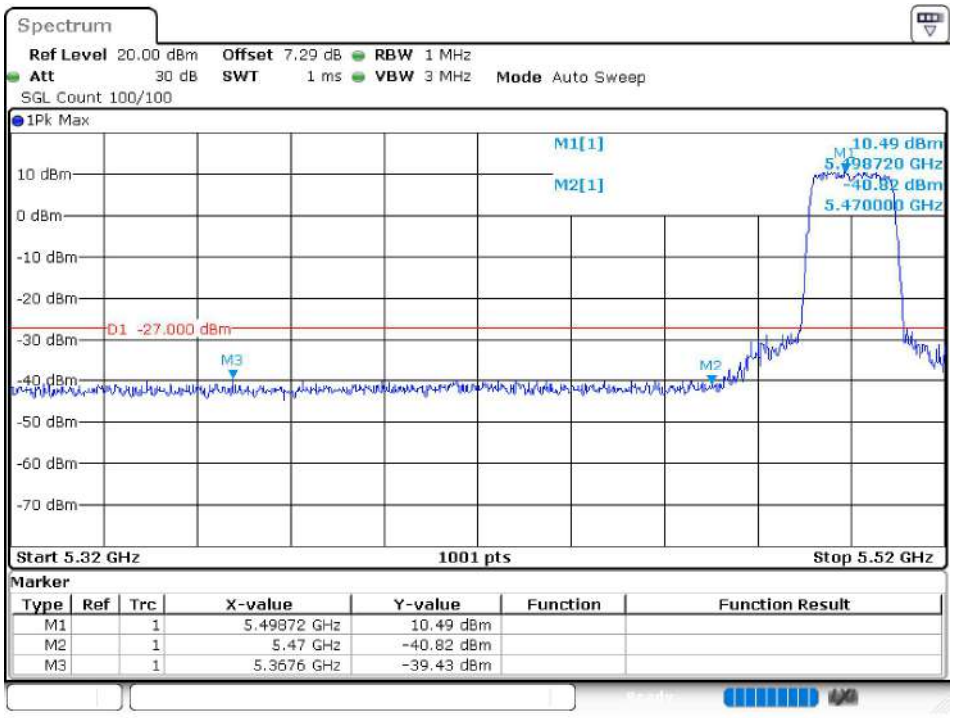
Band Edge NVNT n40 5510MHz Low Ant2



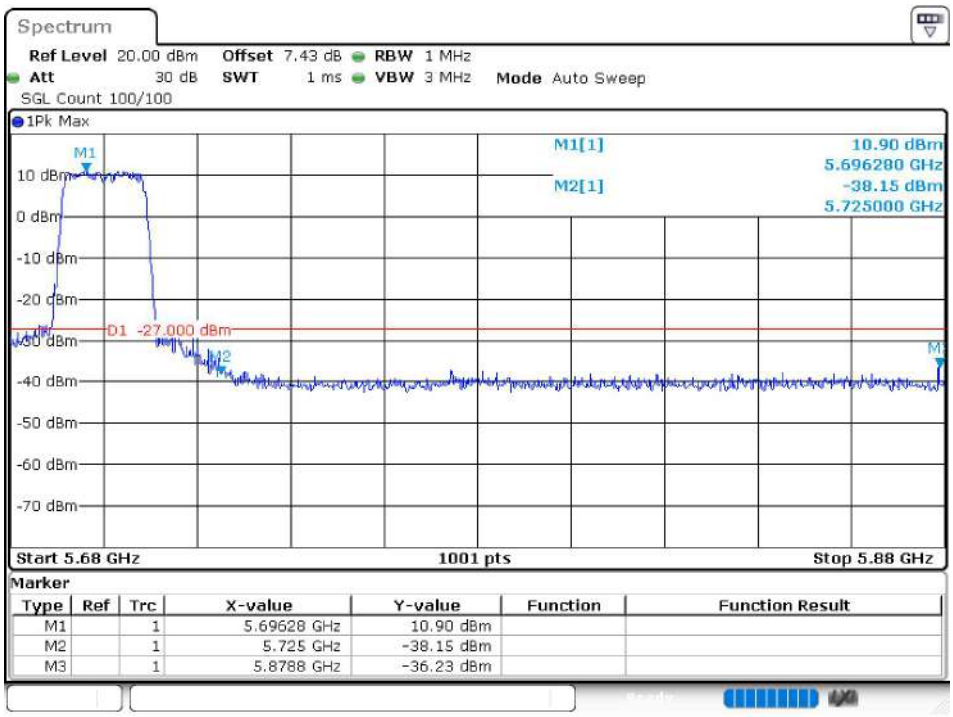
Band Edge NVNT n40 5670MHz High Ant2



Band Edge NVNT ac20 5500MHz Low Ant1



Band Edge NVNT ac20 5700MHz High Ant1



Band Edge NVNT ac20 5500MHz Low Ant2

Band Edge NVNT ac20 5700MHz High Ant2