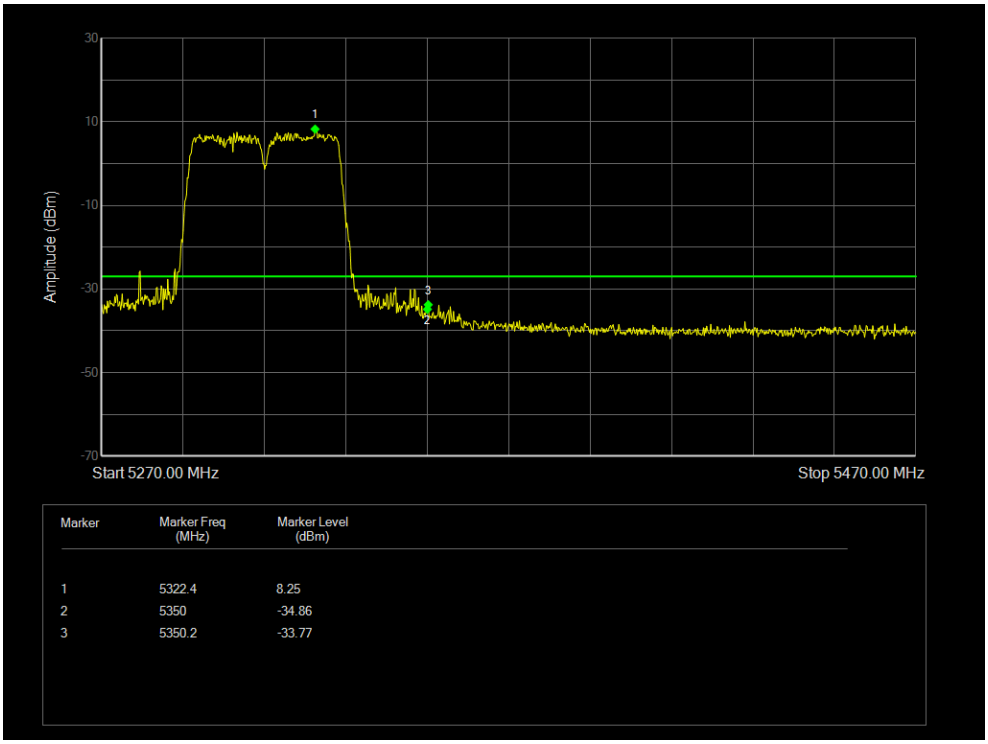
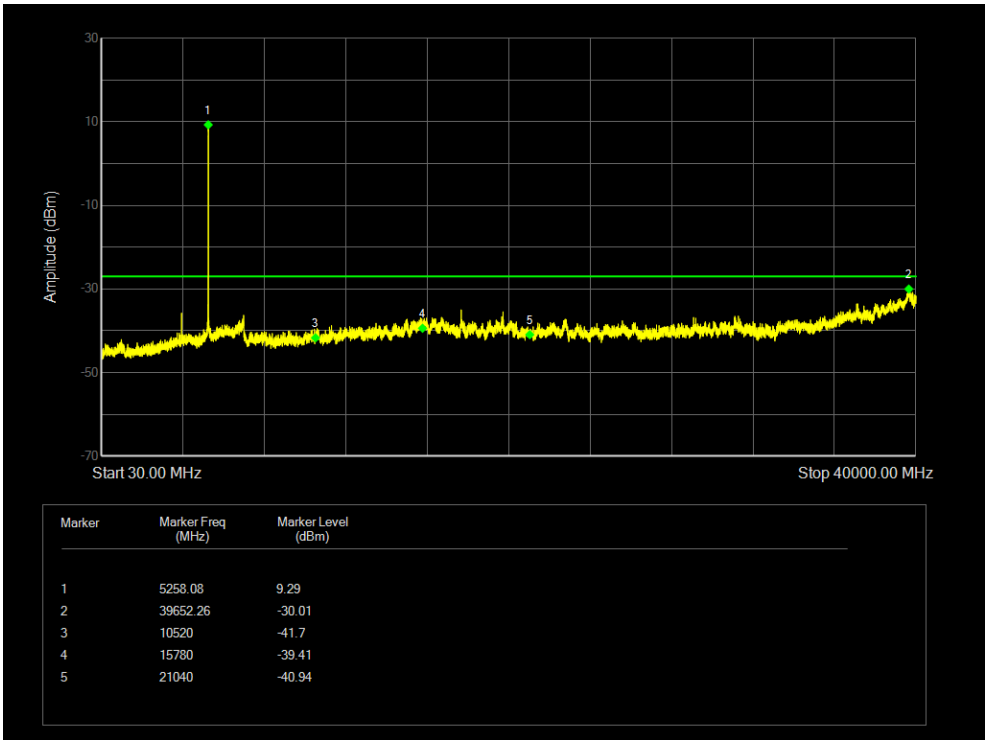
Band Edge NVNT 802.11n(HT40) 5310MHz High Sum



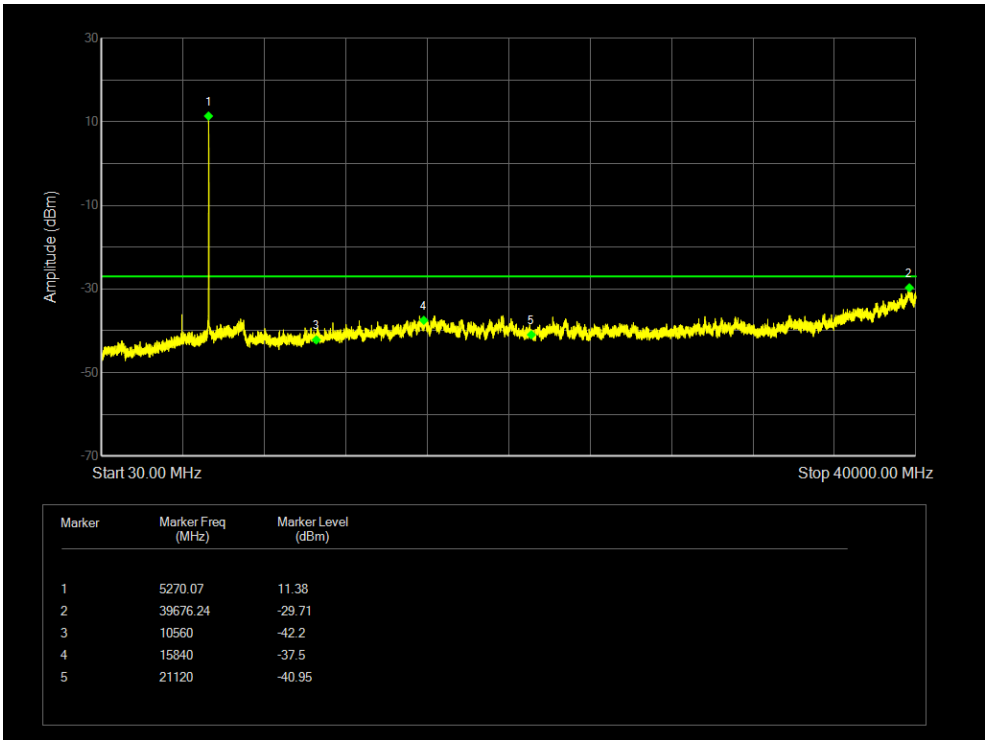
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11ac20	5260	Sum	-30.01	-27	Pass
NVNT	802.11ac20	5280	Sum	-29.71	-27	Pass
NVNT	802.11ac20	5320	Sum	-30.28	-27	Pass
NVNT	802.11ac40	5270	Sum	-29.44	-27	Pass
NVNT	802.11ac40	5310	Sum	-30.37	-27	Pass
NVNT	802.11ac80	5290	Sum	-30.15	-27	Pass
NVNT	802.11n(HT20)	5260	Sum	-29.44	-27	Pass
NVNT	802.11n(HT20)	5280	Sum	-29.77	-27	Pass
NVNT	802.11n(HT20)	5320	Sum	-30.4	-27	Pass
NVNT	802.11n(HT40)	5270	Sum	-29.68	-27	Pass
NVNT	802.11n(HT40)	5310	Sum	-30.66	-27	Pass

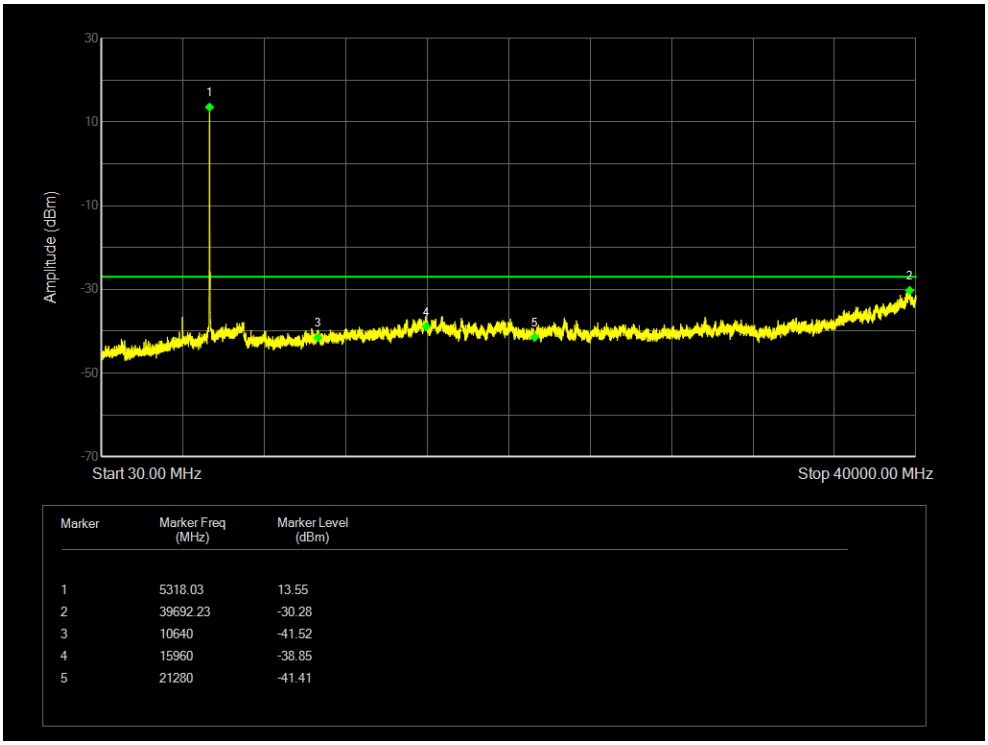
Tx. Spurious NVNT 802.11ac20 5260MHz Sum Emission



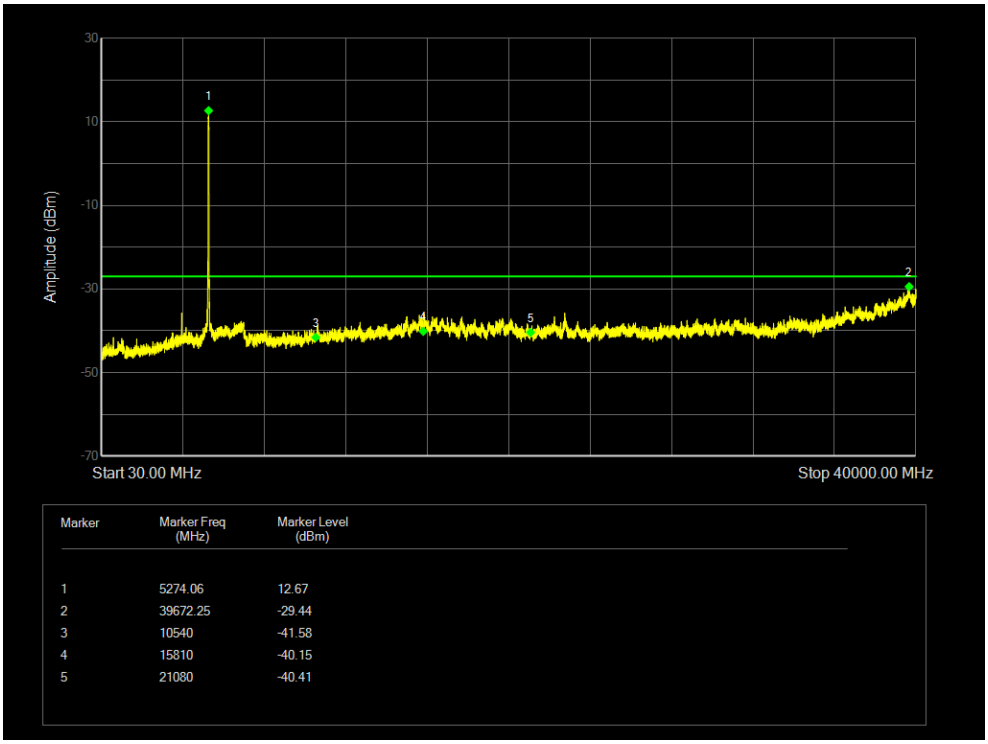
Tx. Spurious NVNT 802.11ac20 5280MHz Sum Emission



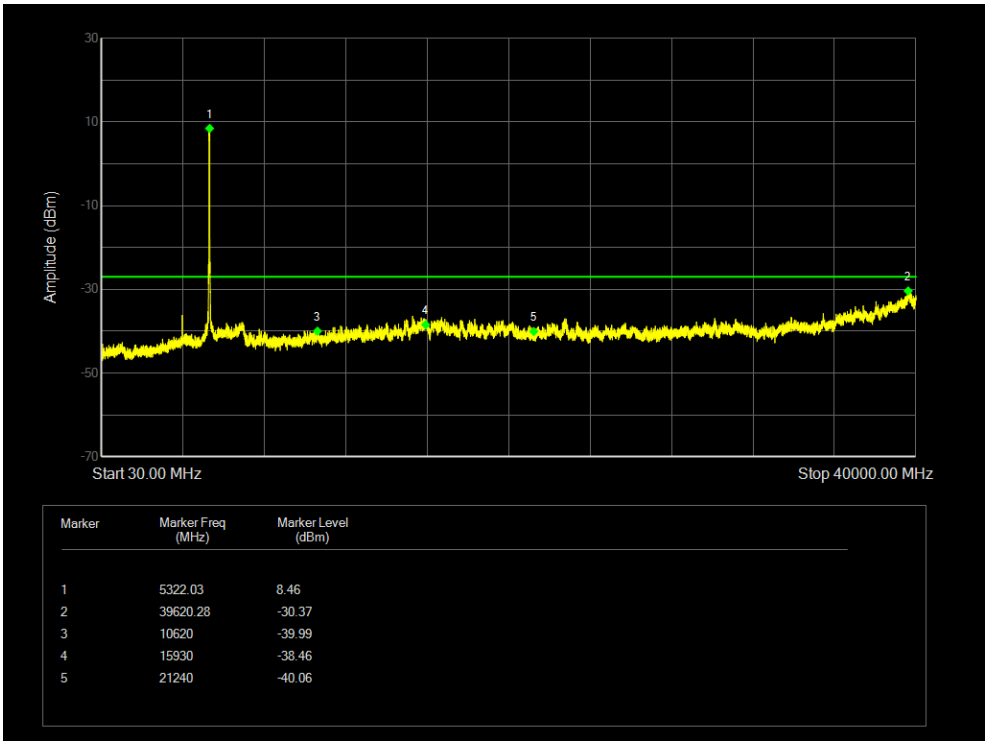
Tx. Spurious NVNT 802.11ac20 5320MHz Sum Emission



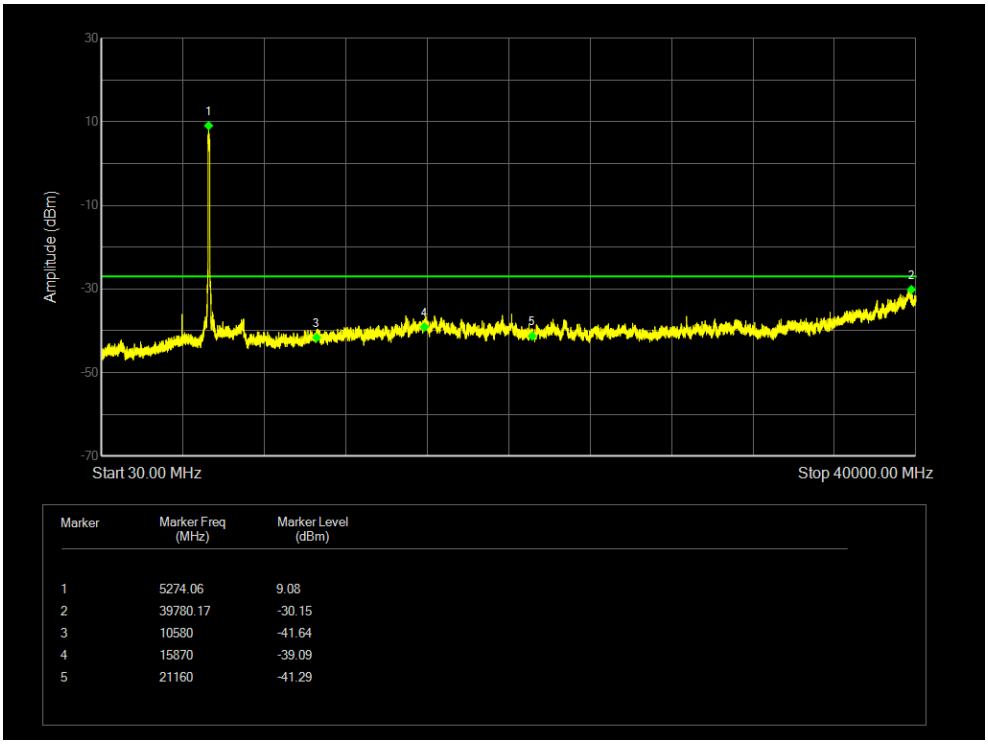
Tx. Spurious NVNT 802.11ac40 5270MHz Sum Emission



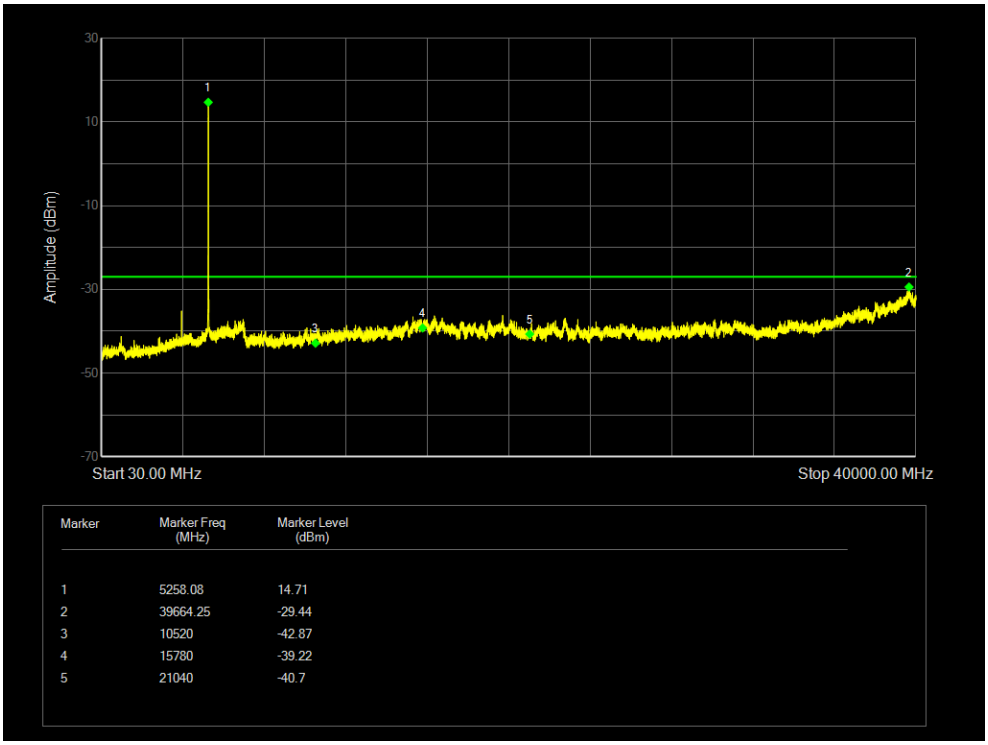
Tx. Spurious NVNT 802.11ac40 5310MHz Sum Emission



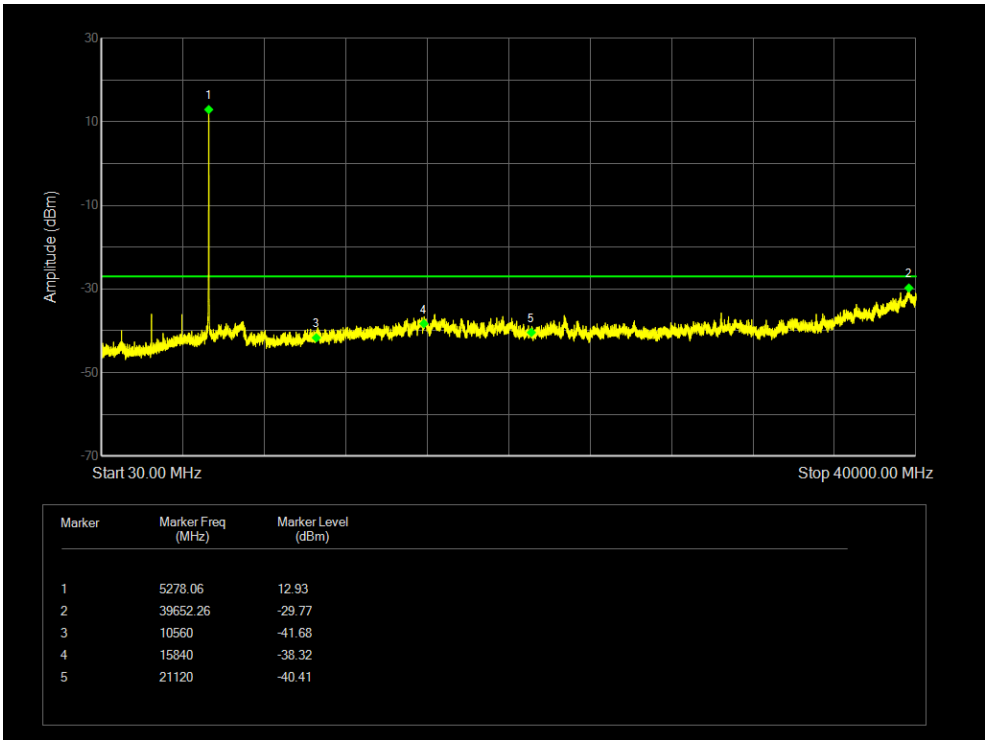
Tx. Spurious NVNT 802.11ac80 5290MHz Sum Emission



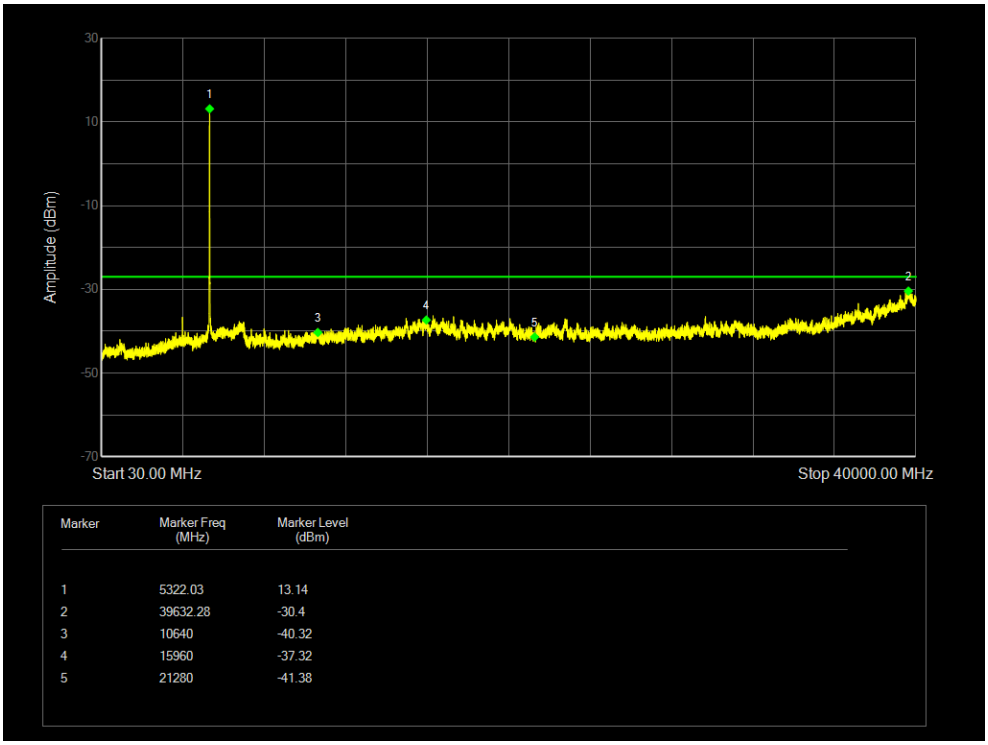
Tx. Spurious NVNT 802.11n(HT20) 5260MHz Sum Emission



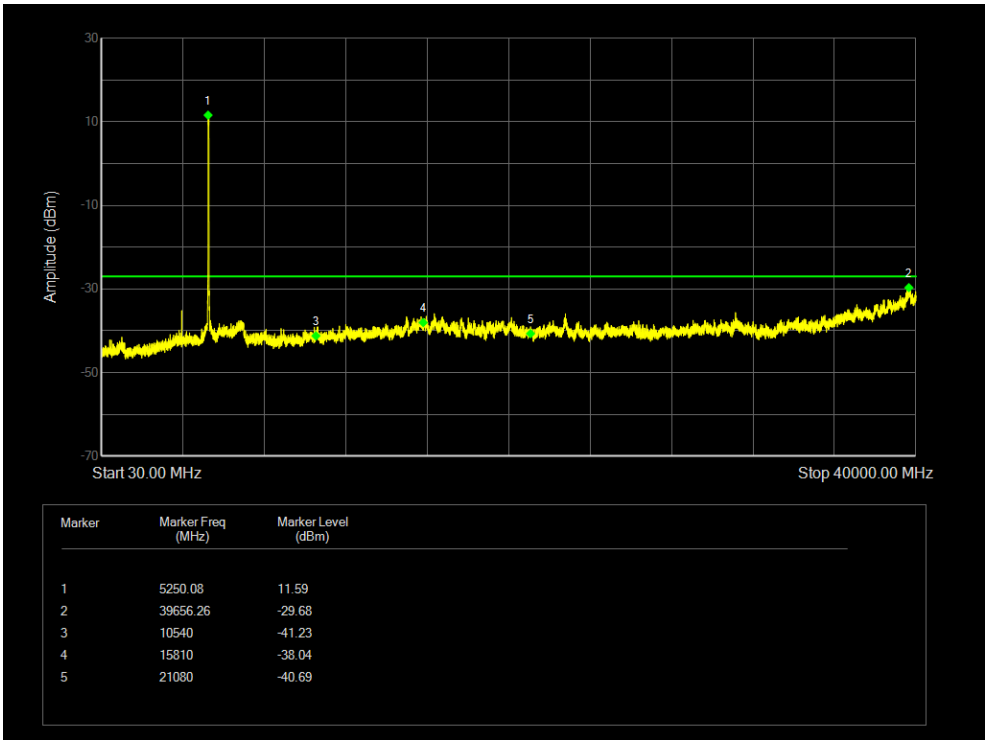
Tx. Spurious NVNT 802.11n(HT20) 5280MHz Sum Emission



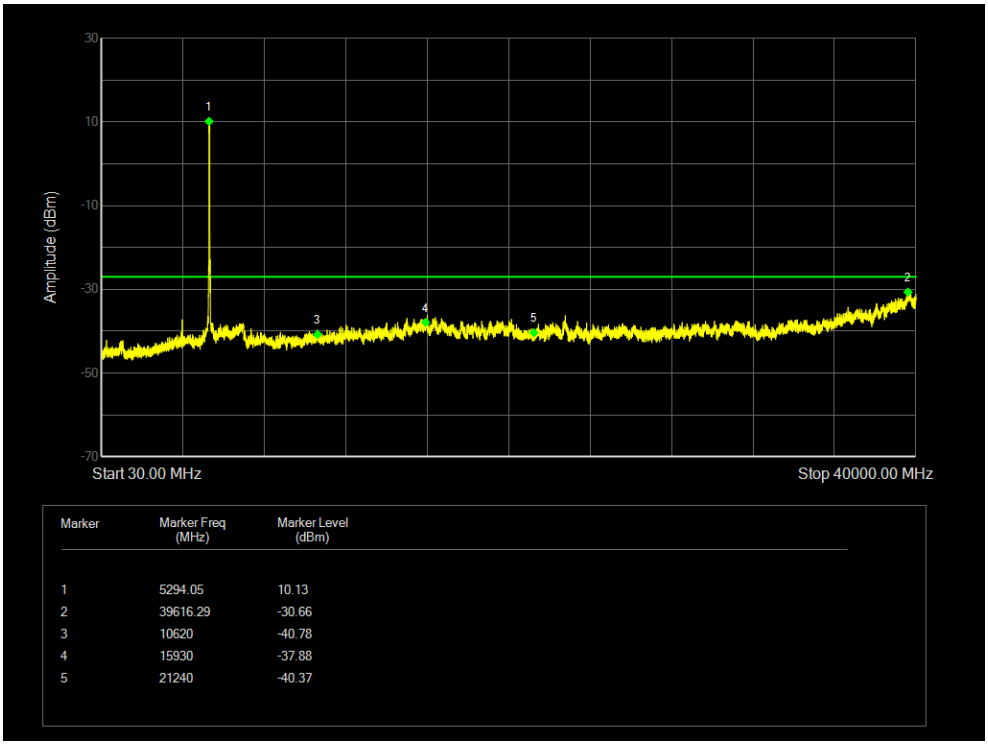
Tx. Spurious NVNT 802.11n(HT20) 5320MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5270MHz Sum Emission



Tx. Spurious NVNT 802.11n(HT40) 5310MHz Sum Emission

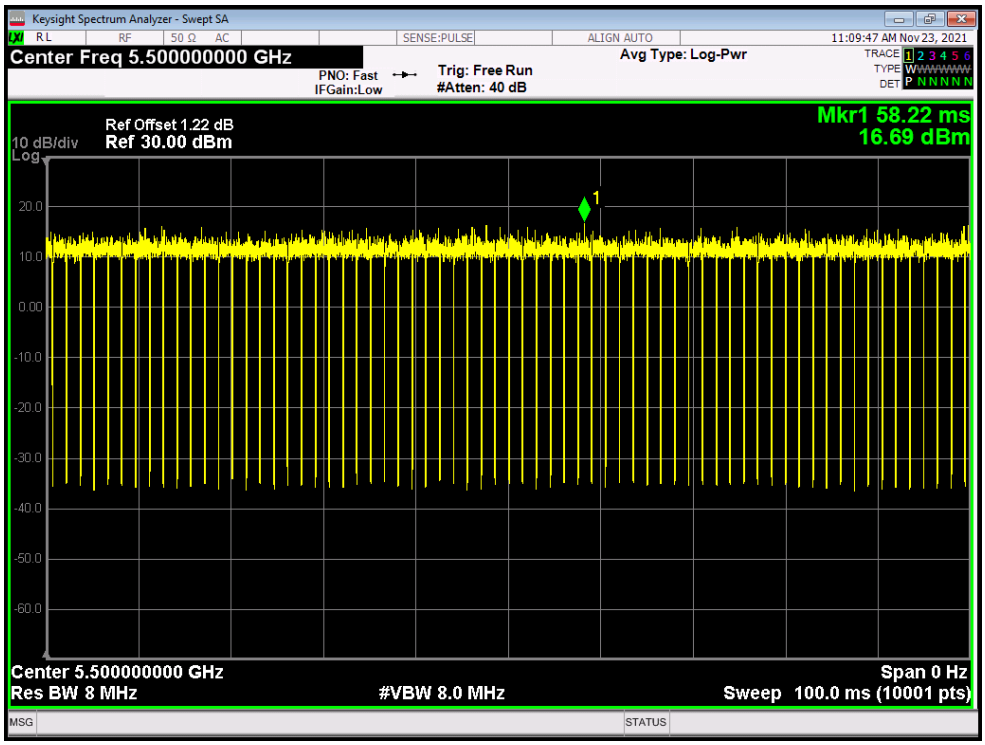


5.6G:

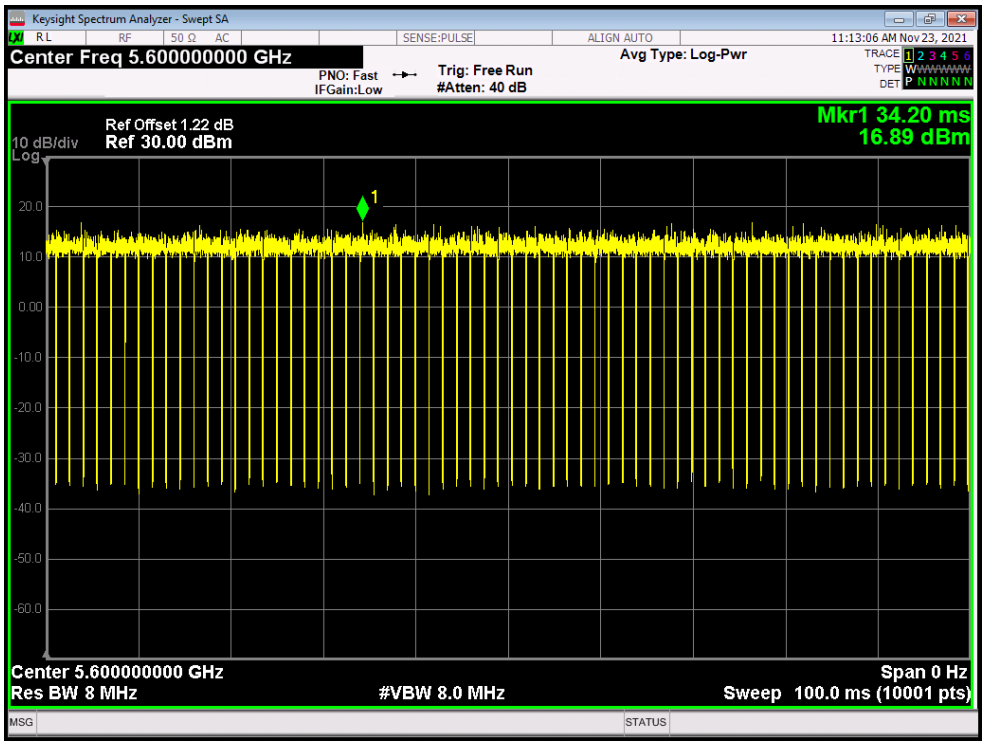
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	94.04	0.27
NVNT	a	5600	Ant1	94.06	0.27
NVNT	a	5700	Ant1	94.06	0.27
NVNT	a	5500	Ant2	94.07	0.27
NVNT	a	5600	Ant2	94.07	0.27
NVNT	a	5700	Ant2	94.06	0.27
NVNT	ac20	5500	Ant1	99.55	0.02
NVNT	ac20	5600	Ant1	99.56	0.02
NVNT	ac20	5700	Ant1	99.57	0.02
NVNT	ac20	5500	Ant2	99.55	0.02
NVNT	ac20	5600	Ant2	99.53	0.02
NVNT	ac20	5700	Ant2	99.56	0.02
NVNT	ac40	5510	Ant1	99.41	0.03
NVNT	ac40	5590	Ant1	99.42	0.03
NVNT	ac40	5670	Ant1	99.41	0.03
NVNT	ac40	5510	Ant2	99.4	0.03
NVNT	ac40	5590	Ant2	99.42	0.03
NVNT	ac40	5670	Ant2	99.42	0.03
NVNT	ac80	5530	Ant1	45.9	3.38
NVNT	ac80	5530	Ant2	45.83	3.39
NVNT	ac80	5610	Ant1	46.94	3.29
NVNT	ac80	5610	Ant2	46.89	3.29
NVNT	n20	5500	Ant1	93.71	0.28
NVNT	n20	5600	Ant1	93.68	0.28
NVNT	n20	5700	Ant1	93.71	0.28
NVNT	n20	5500	Ant2	93.71	0.28
NVNT	n20	5600	Ant2	93.62	0.29
NVNT	n20	5700	Ant2	93.7	0.28
NVNT	n40	5510	Ant1	88.07	0.55
NVNT	n40	5590	Ant1	88.07	0.55
NVNT	n40	5670	Ant1	88.08	0.55
NVNT	n40	5510	Ant2	88.05	0.55
NVNT	n40	5590	Ant2	88.08	0.55
NVNT	n40	5670	Ant2	88.14	0.55

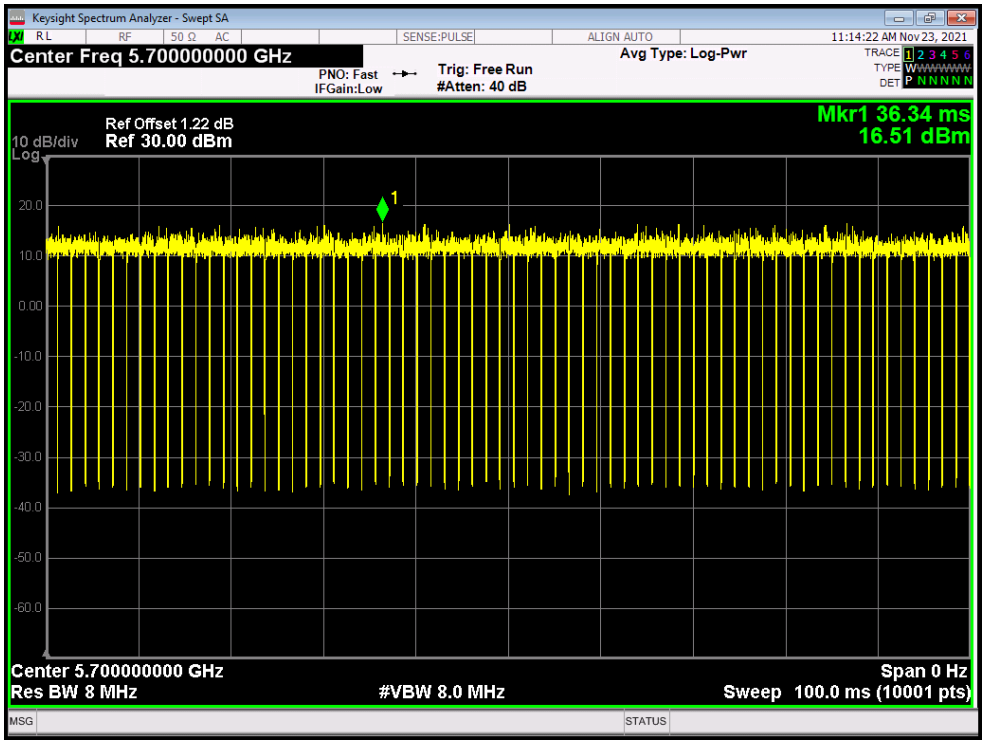
Duty Cycle NVNT a 5500MHz Ant1



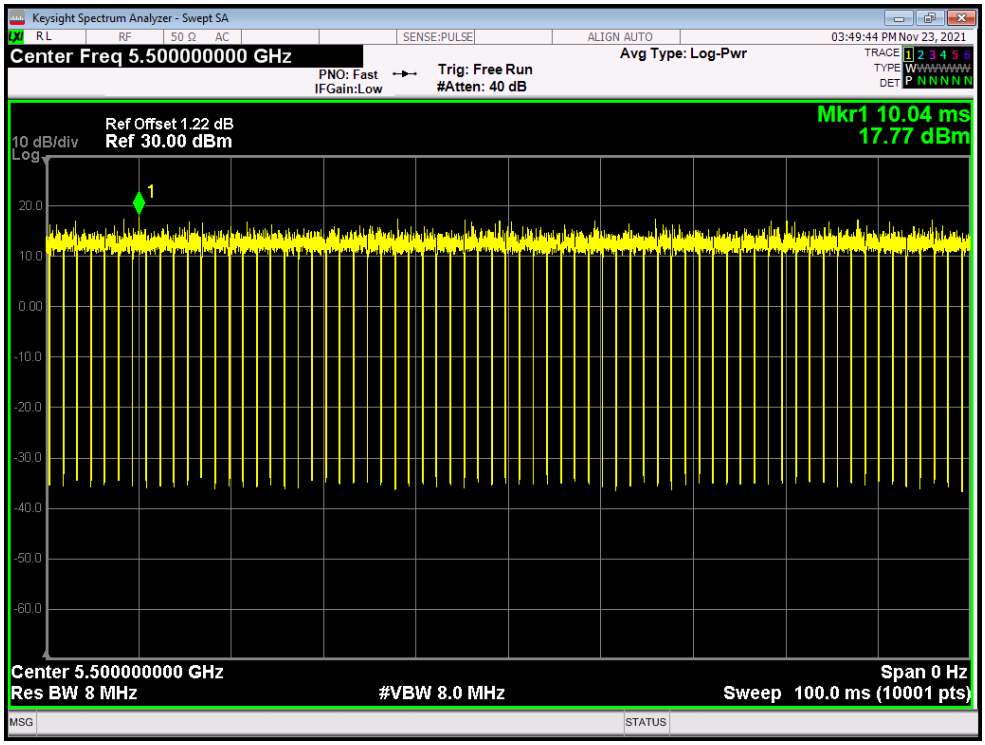
Duty Cycle NVNT a 5600MHz Ant1



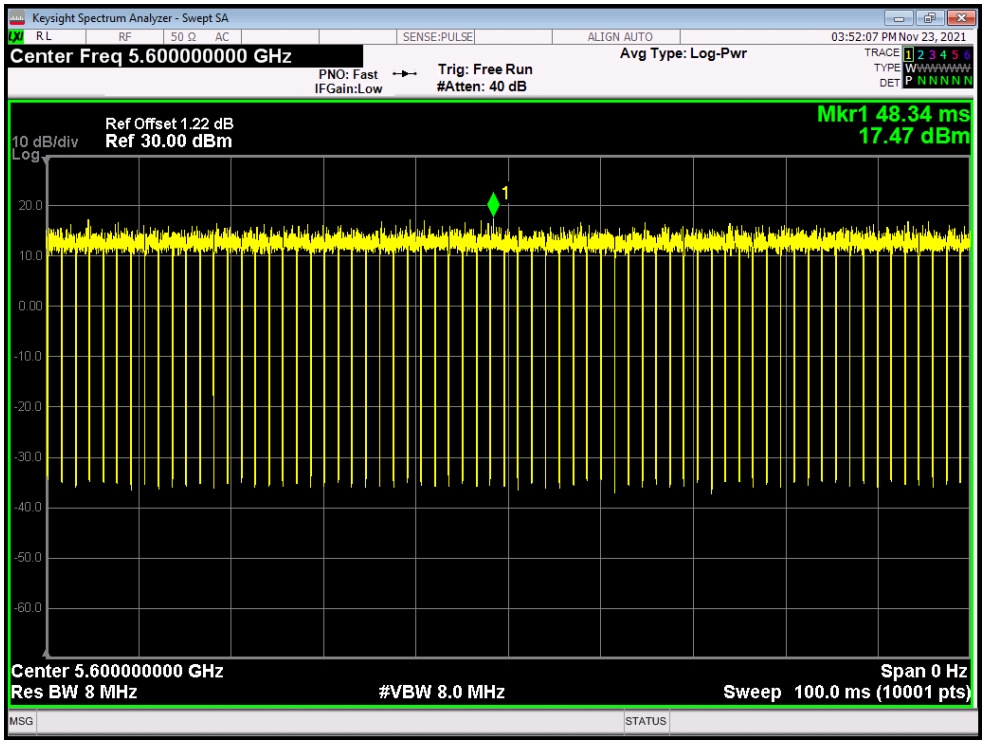
Duty Cycle NVNT a 5700MHz Ant1



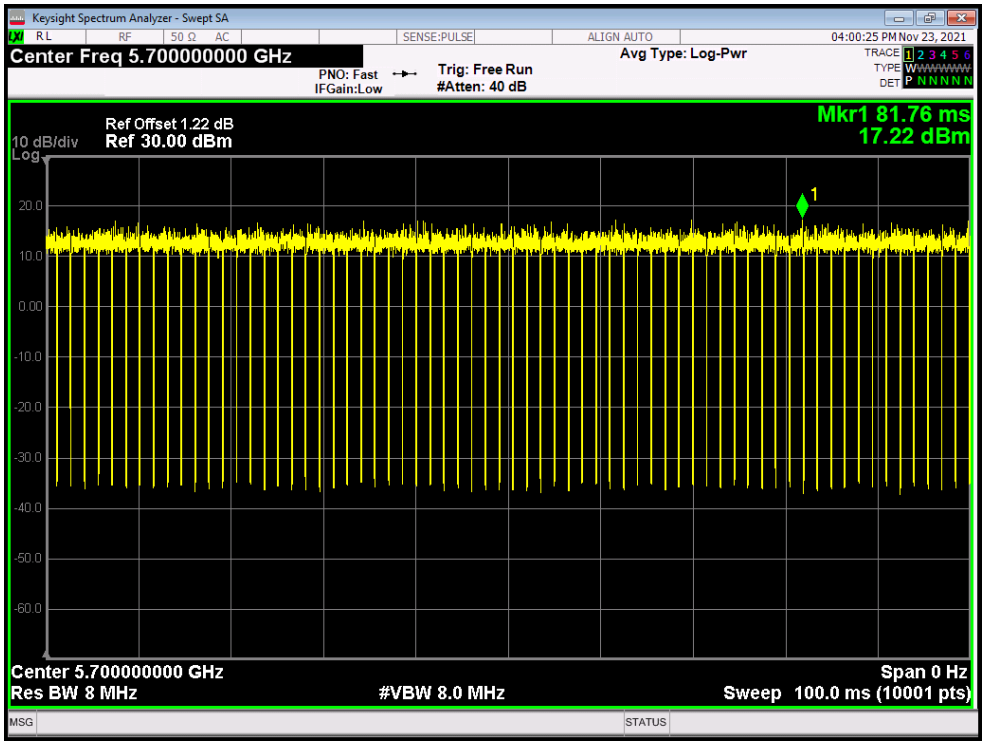
Duty Cycle NVNT a 5500MHz Ant2



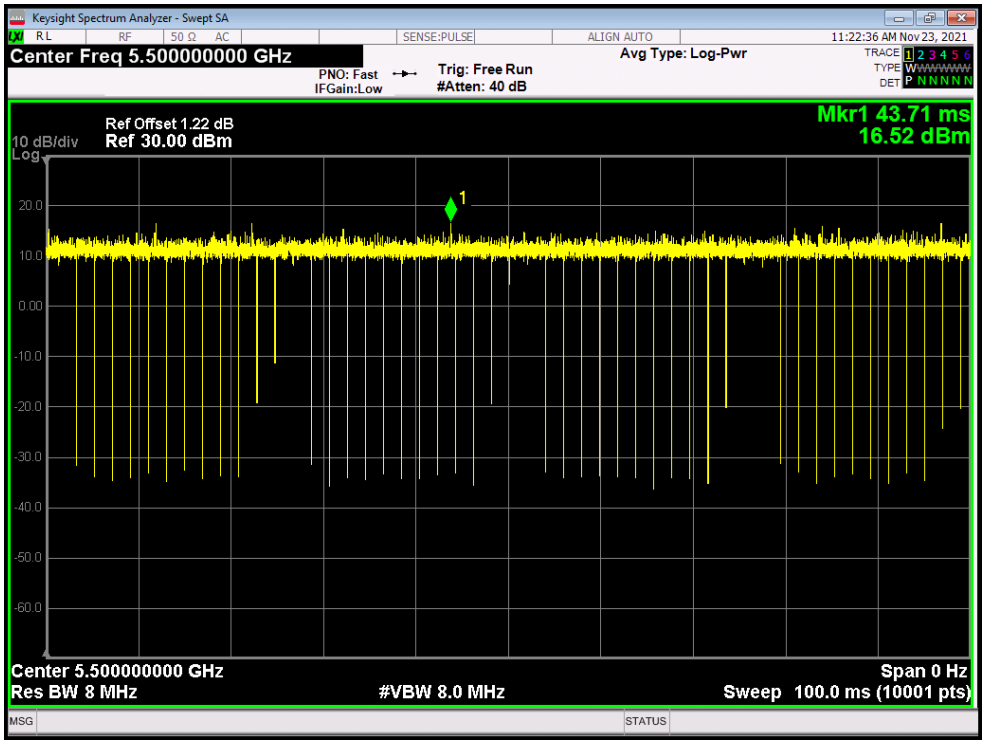
Duty Cycle NVNT a 5600MHz Ant2



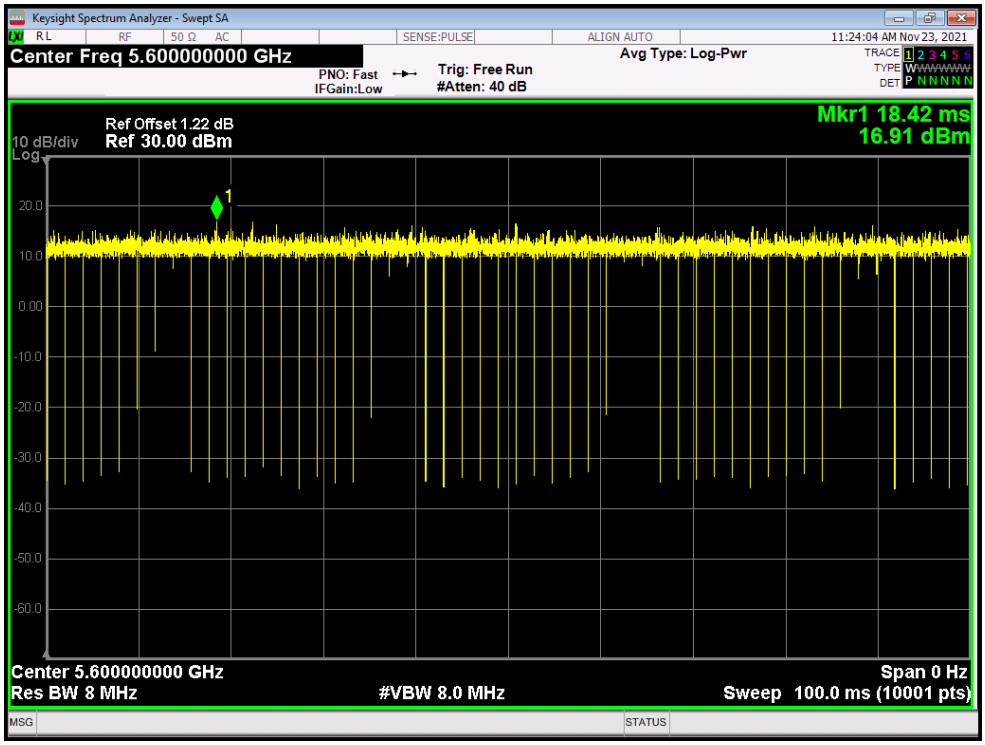
Duty Cycle NVNT a 5700MHz Ant2



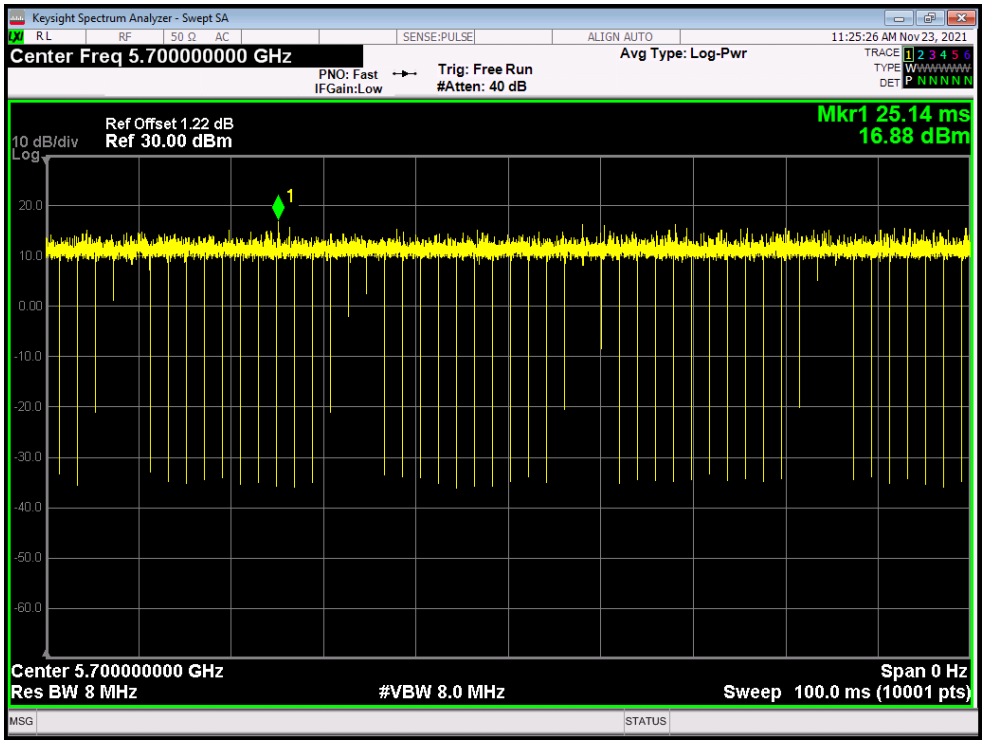
Duty Cycle NVNT ac20 5500MHz Ant1



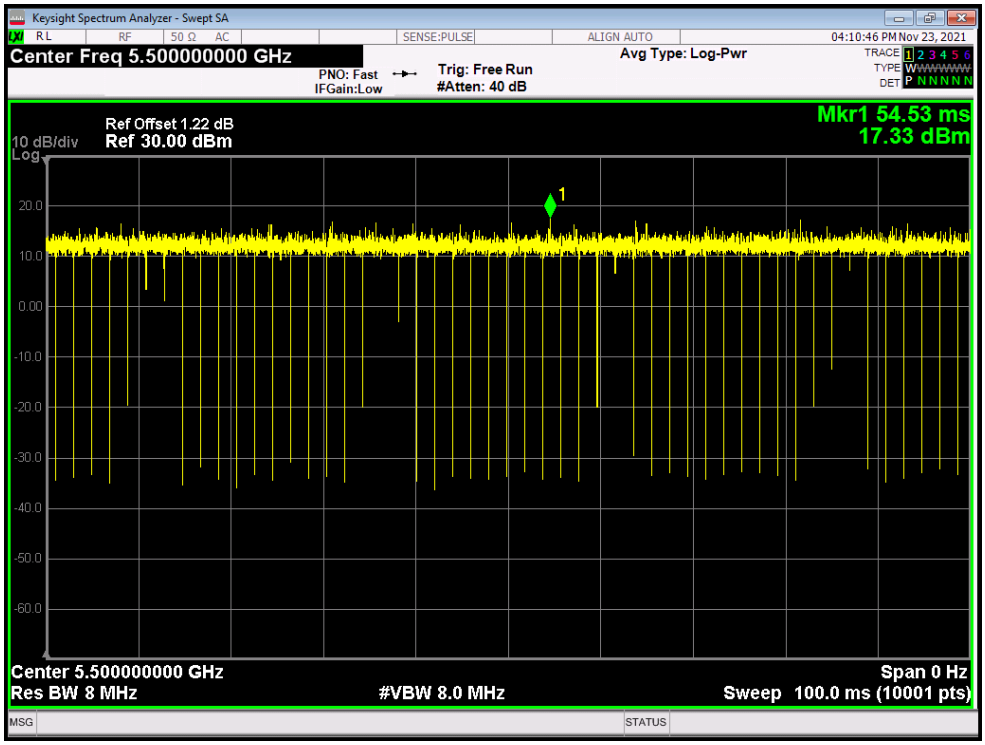
Duty Cycle NVNT ac20 5600MHz Ant1



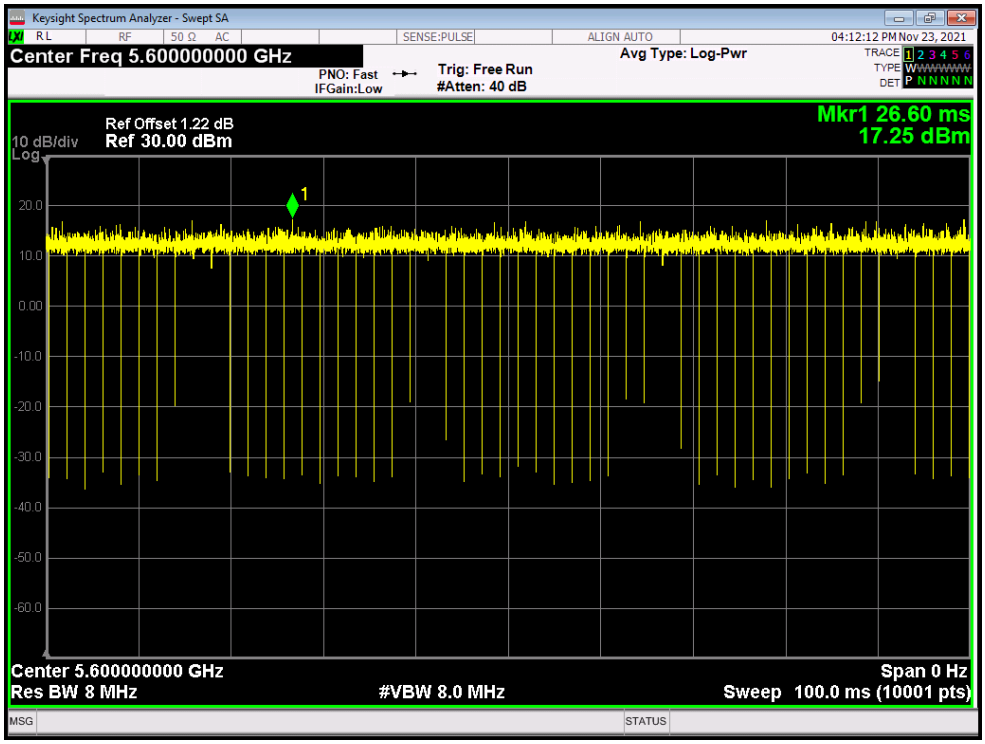
Duty Cycle NVNT ac20 5700MHz Ant1



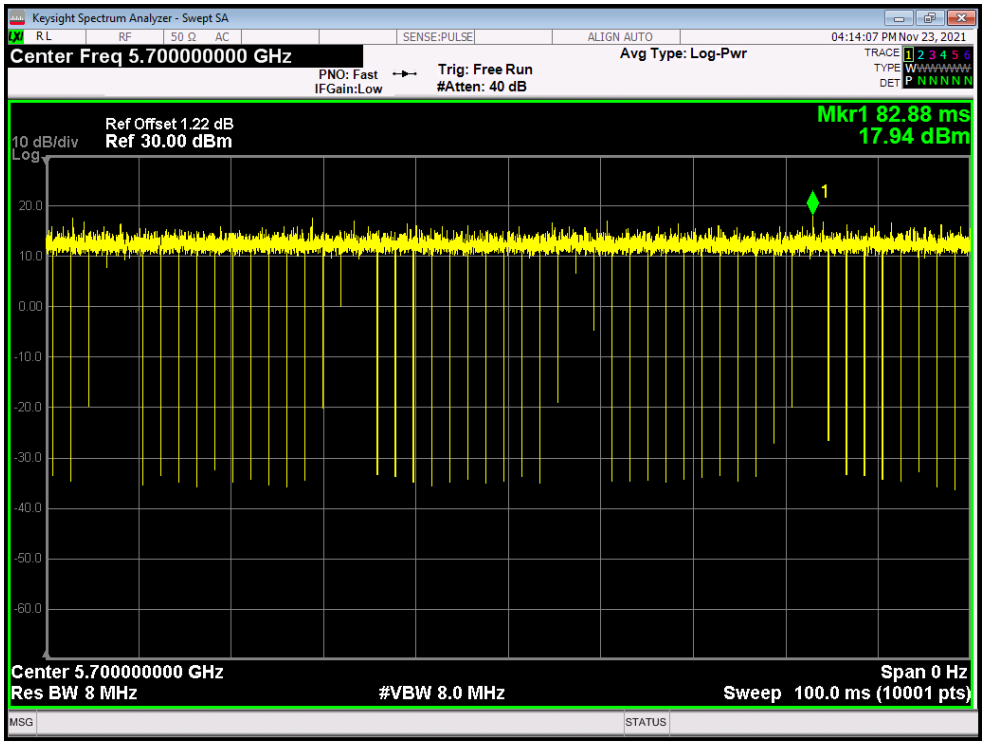
Duty Cycle NVNT ac20 5500MHz Ant2



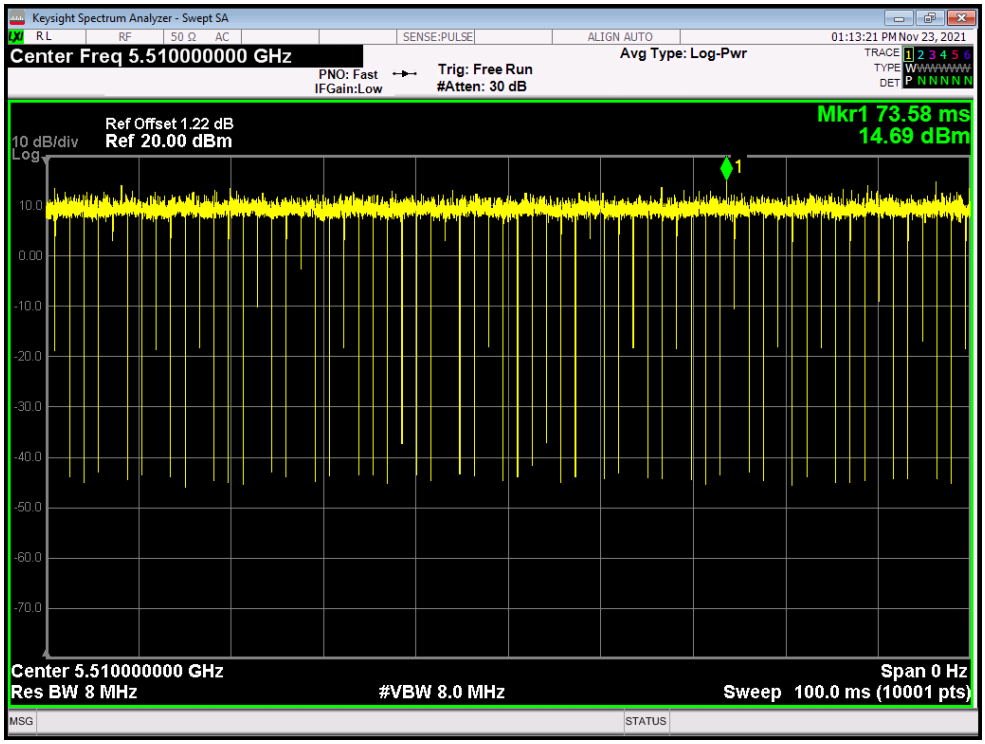
Duty Cycle NVNT ac20 5600MHz Ant2



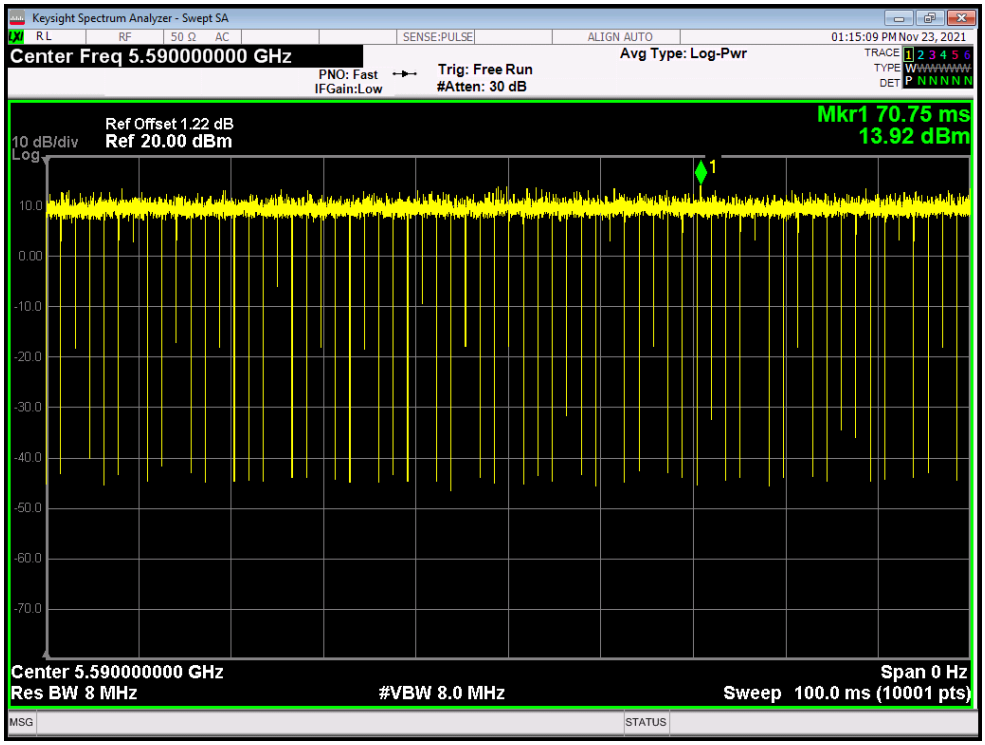
Duty Cycle NVNT ac20 5700MHz Ant2



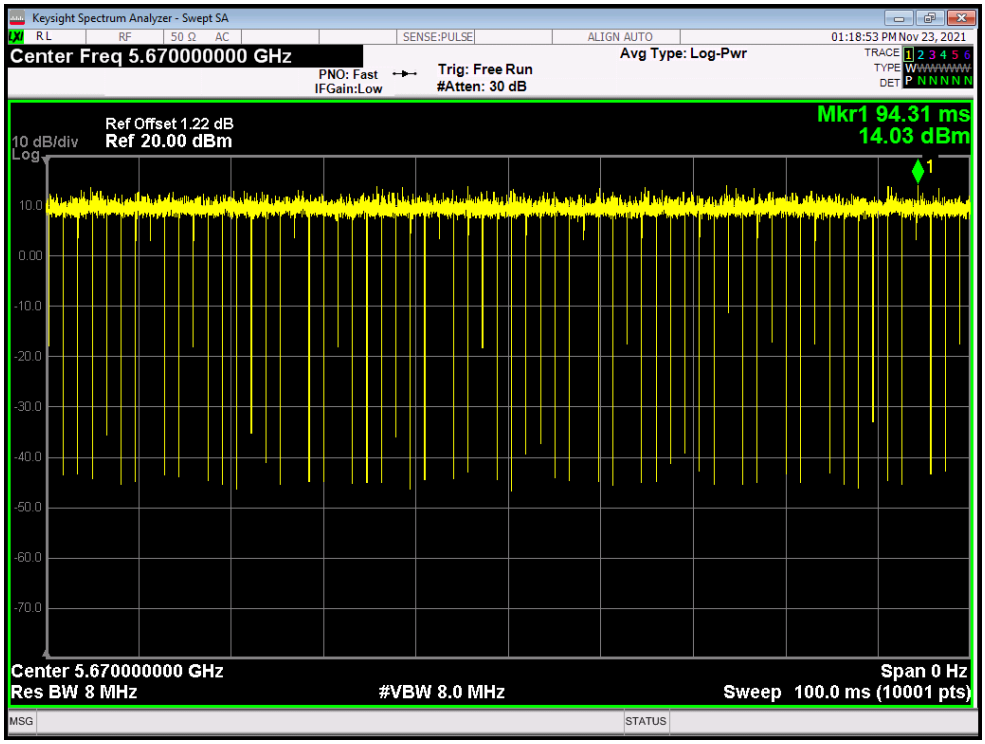
Duty Cycle NVNT ac40 5510MHz Ant1



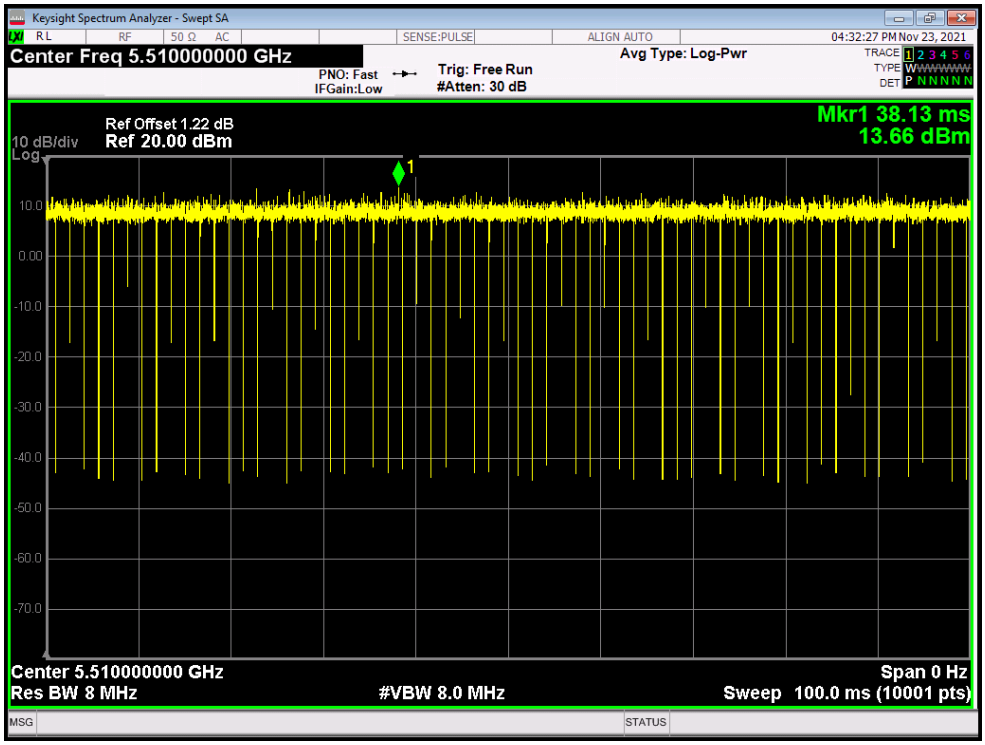
Duty Cycle NVNT ac40 5590MHz Ant1



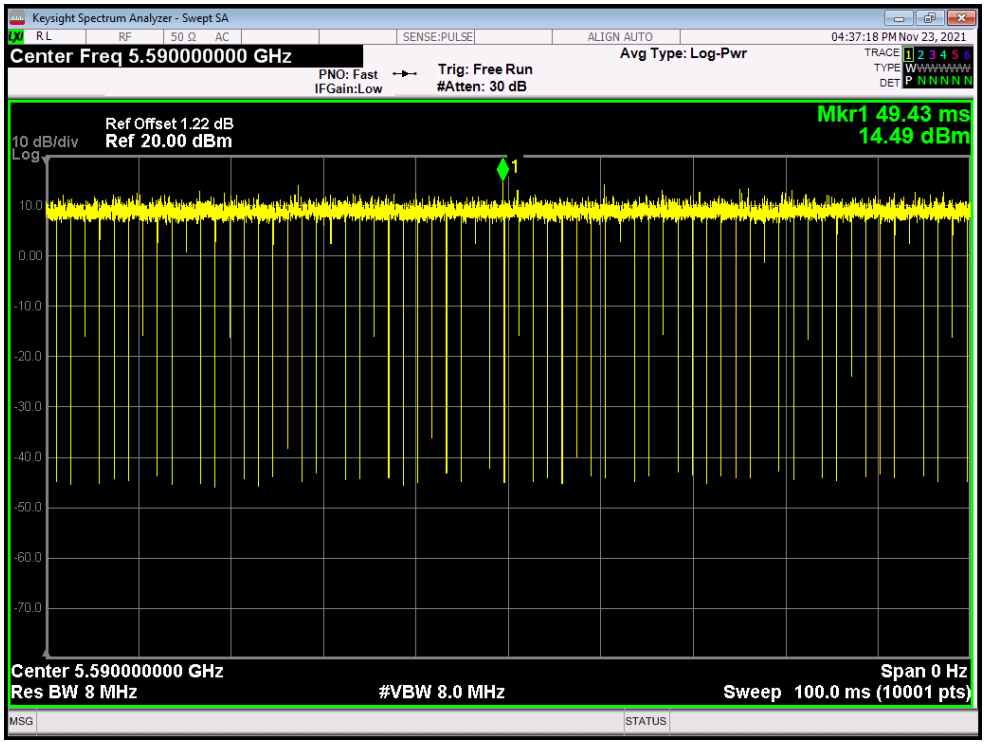
Duty Cycle NVNT ac40 5670MHz Ant1



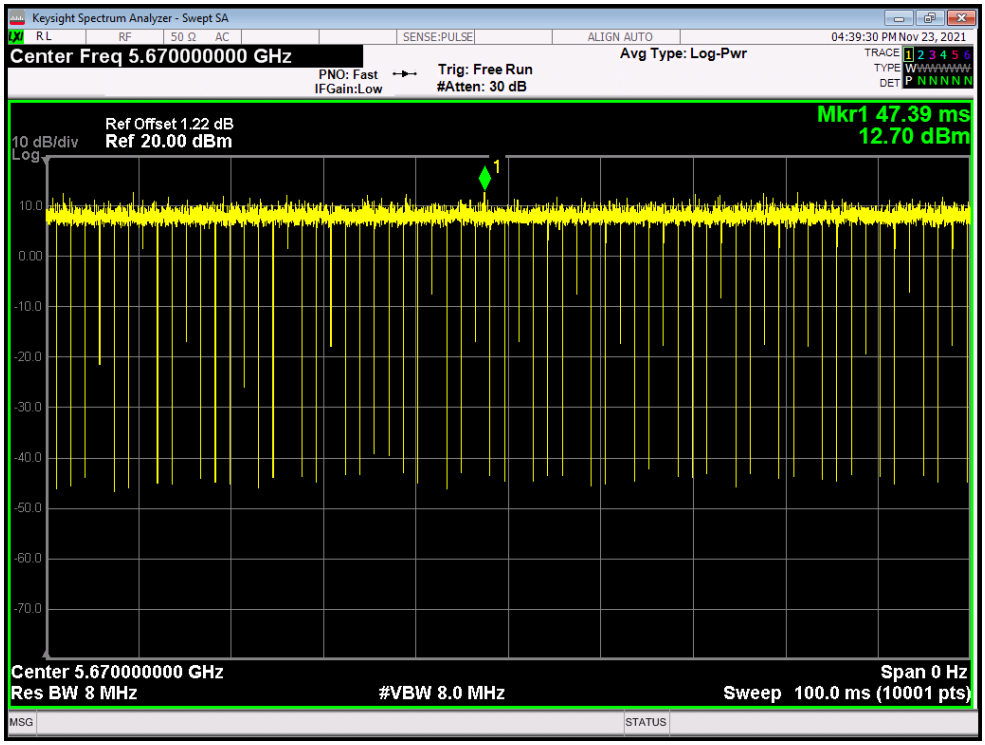
Duty Cycle NVNT ac40 5510MHz Ant2



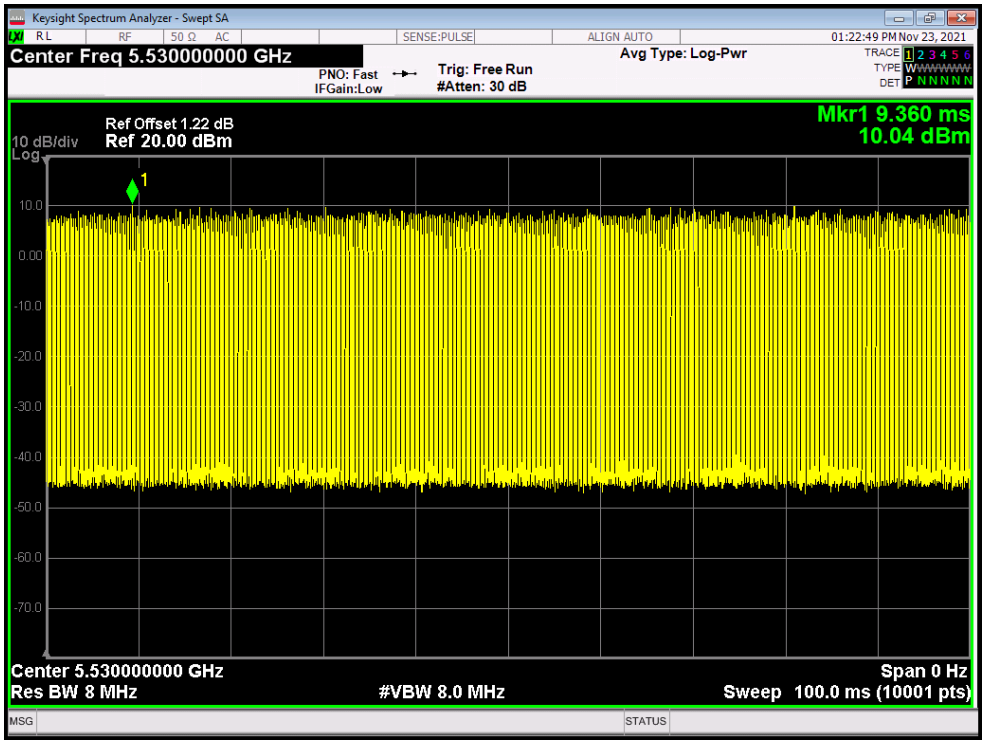
Duty Cycle NVNT ac40 5590MHz Ant2



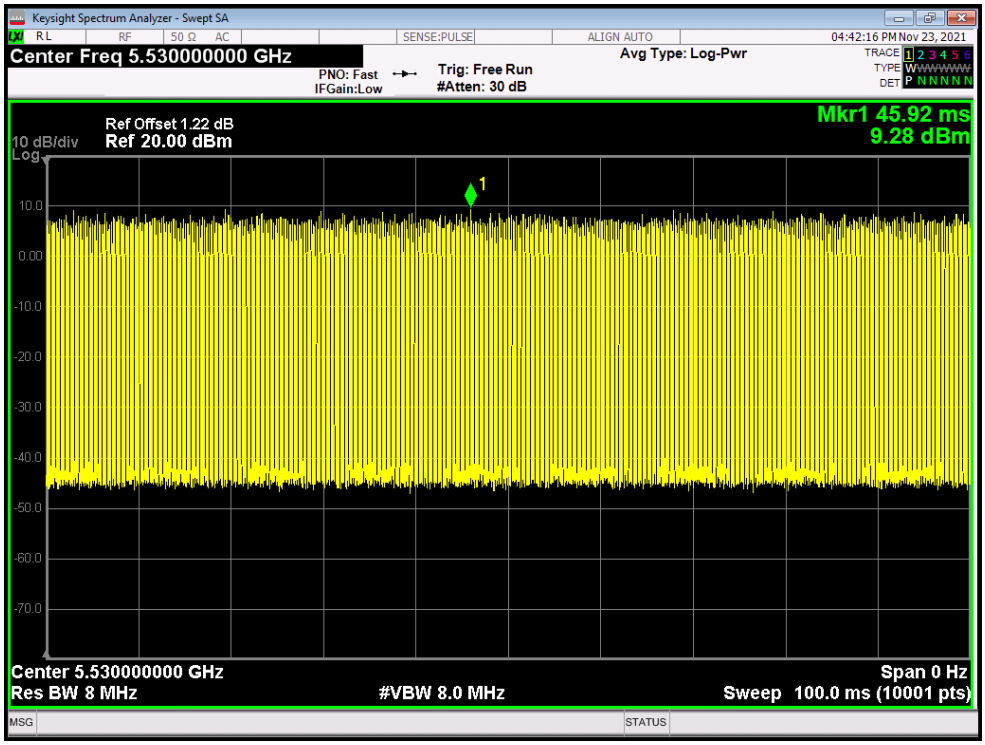
Duty Cycle NVNT ac40 5670MHz Ant2



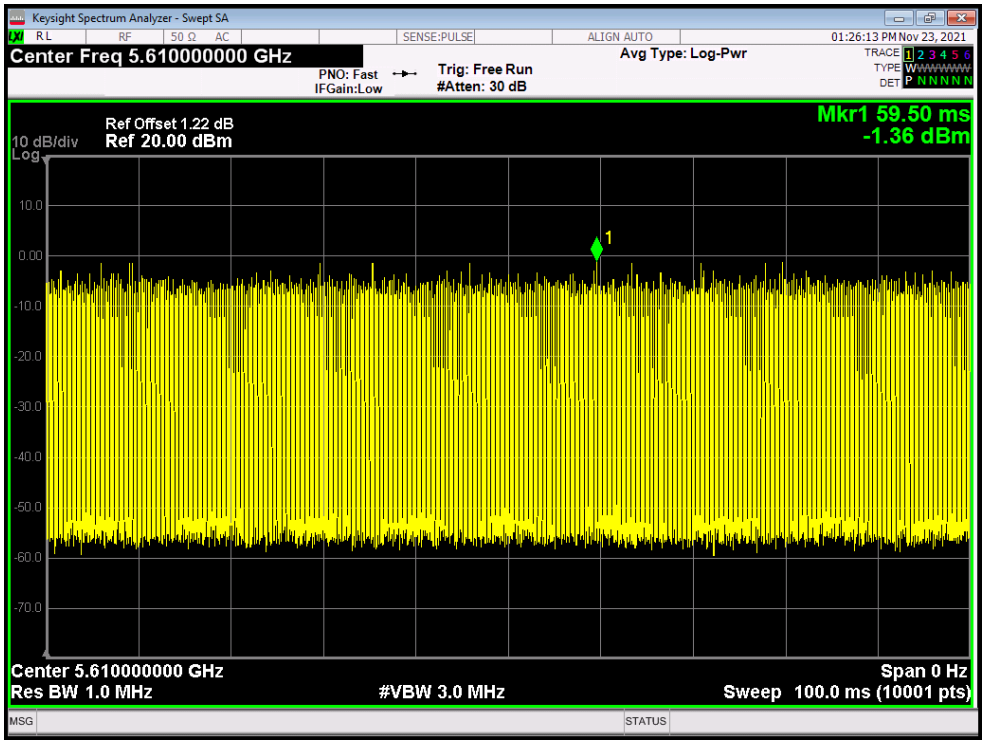
Duty Cycle NVNT ac80 5530MHz Ant1



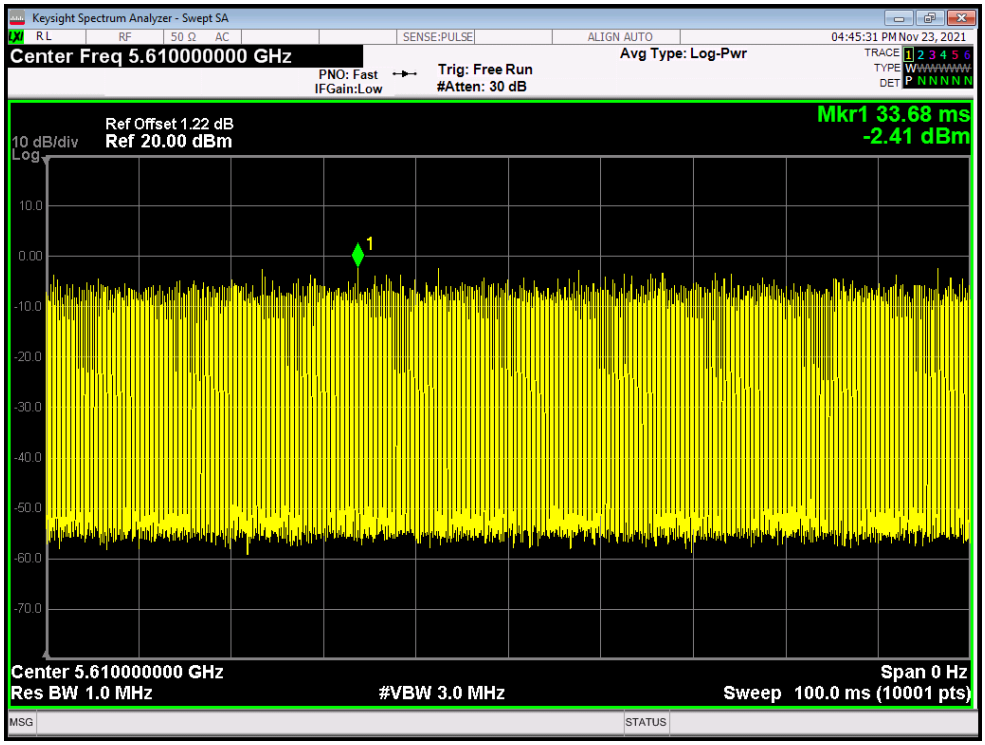
Duty Cycle NVNT ac80 5530MHz Ant2



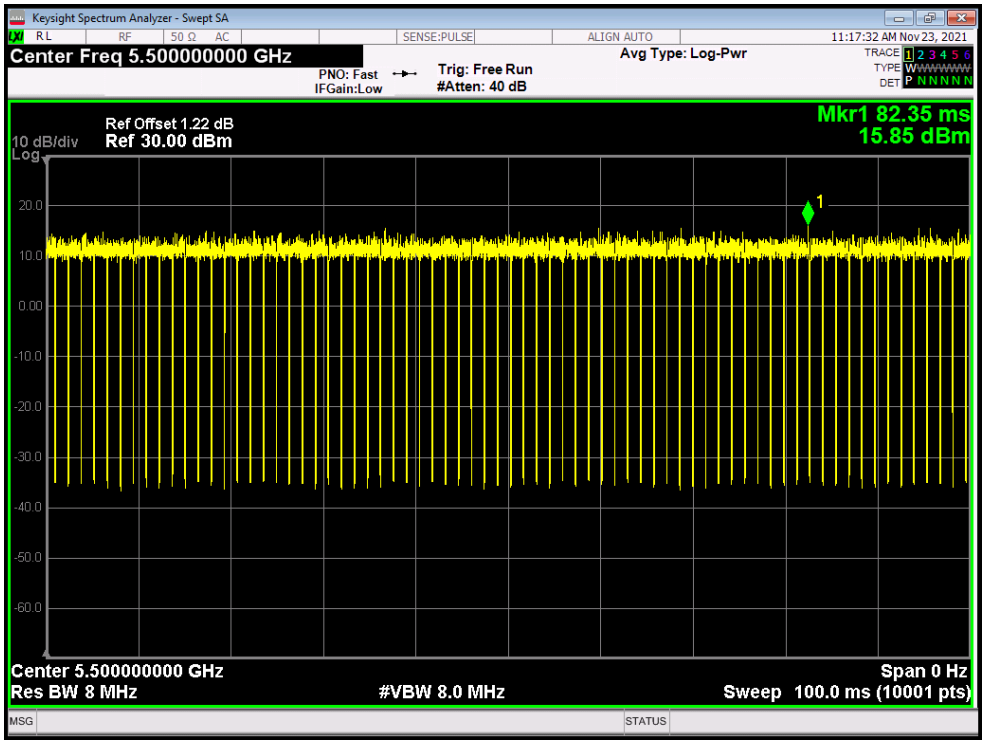
Duty Cycle NVNT ac80 5610MHz Ant1



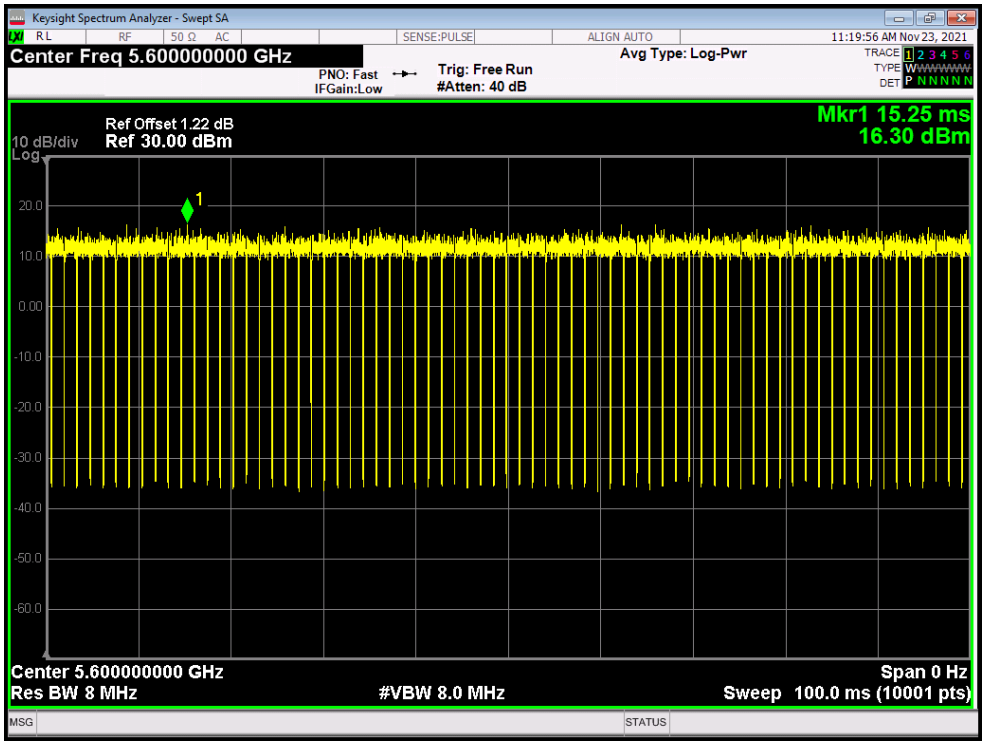
Duty Cycle NVNT ac80 5610MHz Ant2



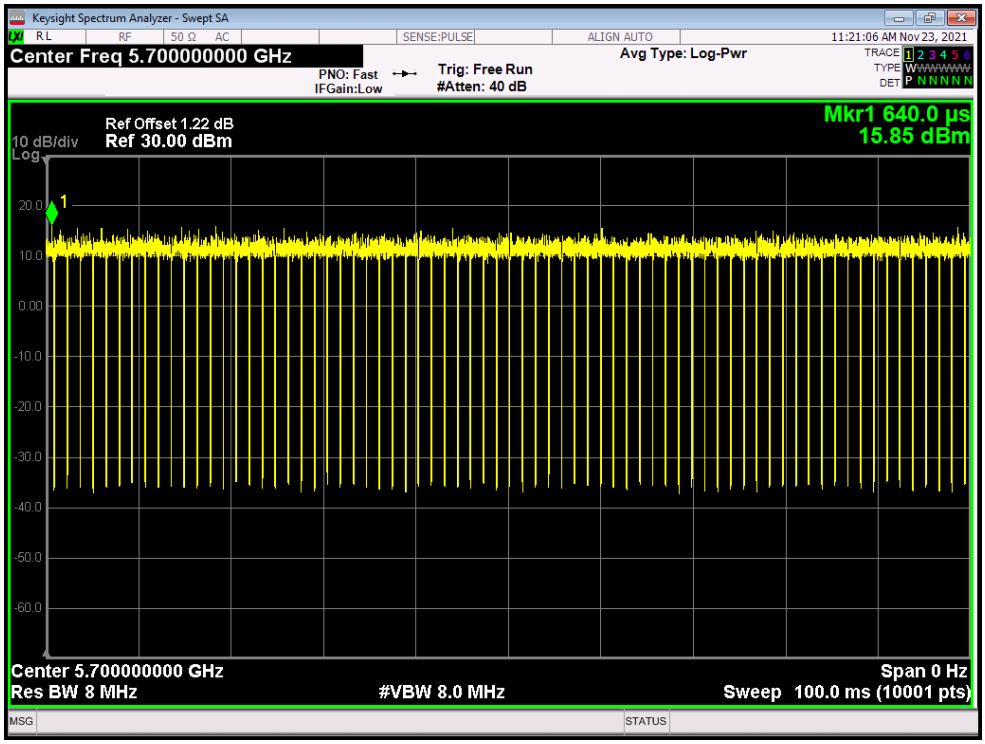
Duty Cycle NVNT n20 5500MHz Ant1



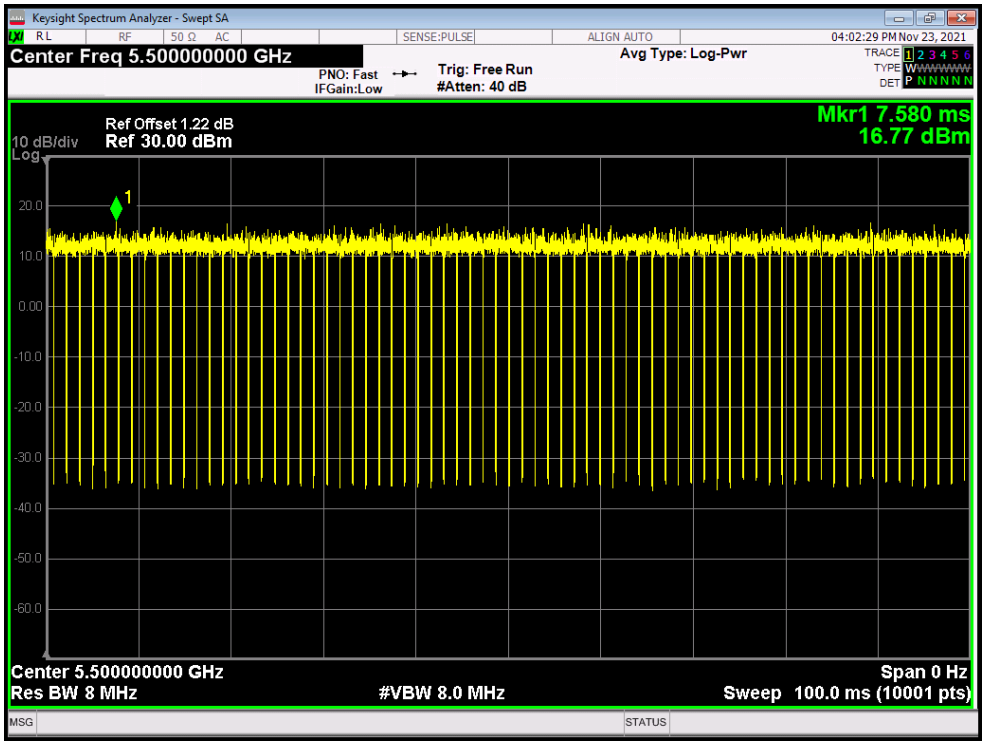
Duty Cycle NVNT n20 5600MHz Ant1



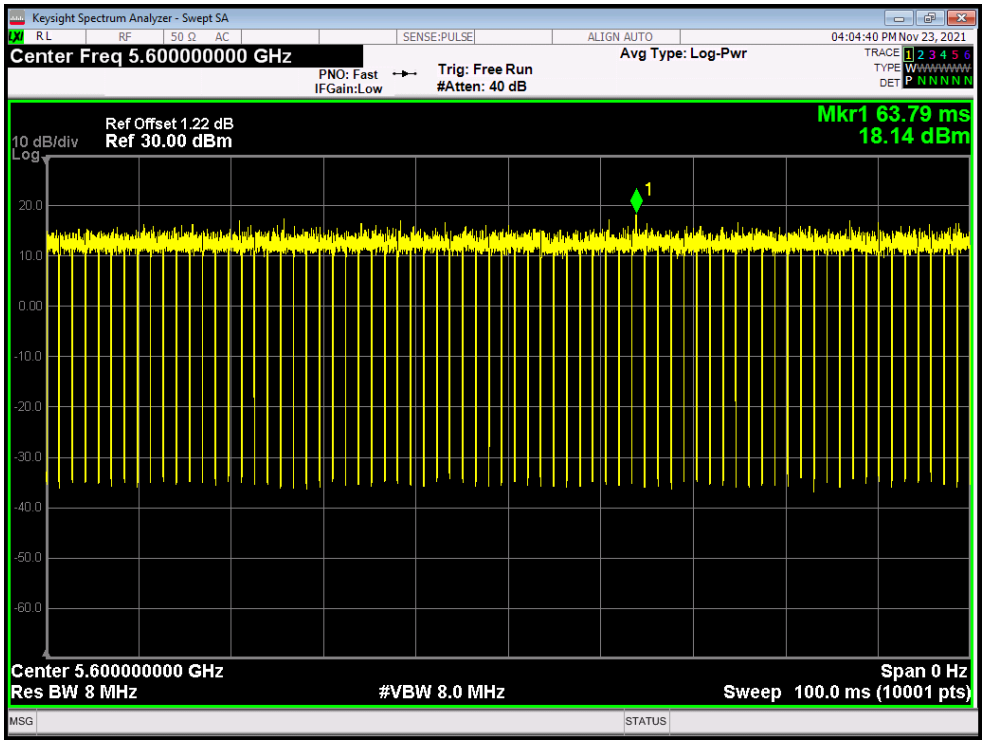
Duty Cycle NVNT n20 5700MHz Ant1



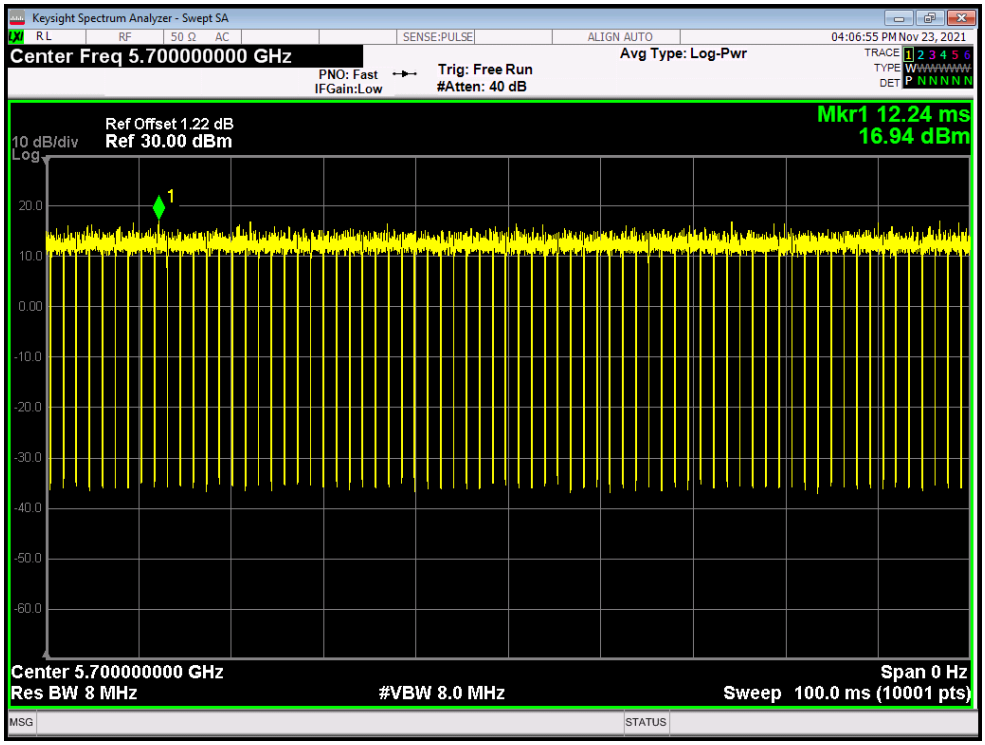
Duty Cycle NVNT n20 5500MHz Ant2



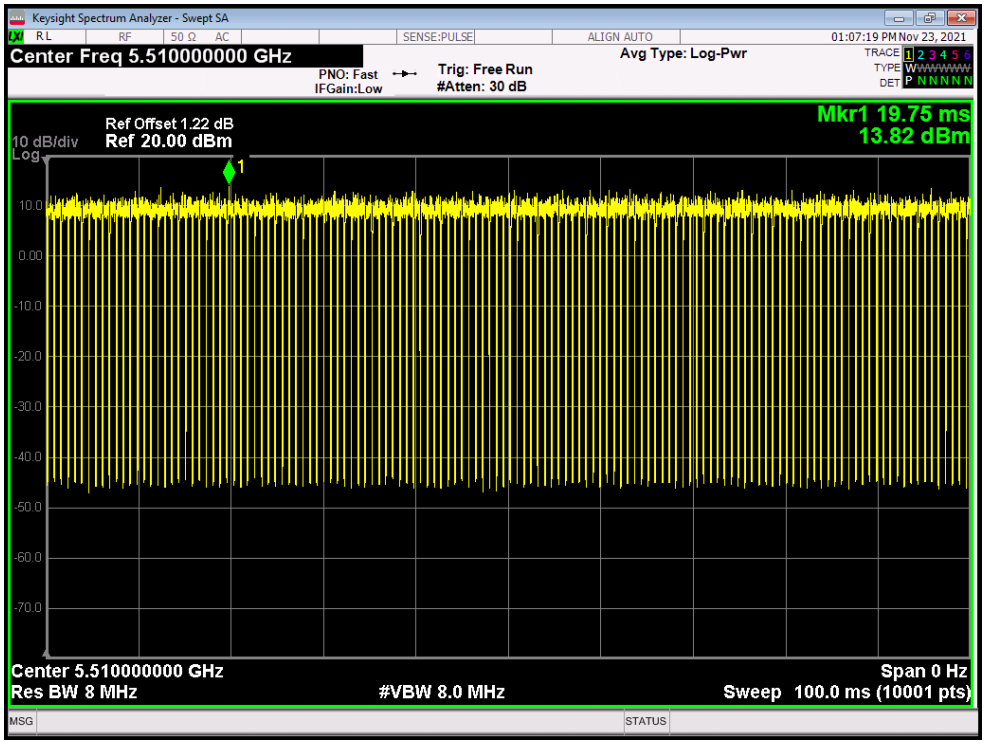
Duty Cycle NVNT n20 5600MHz Ant2



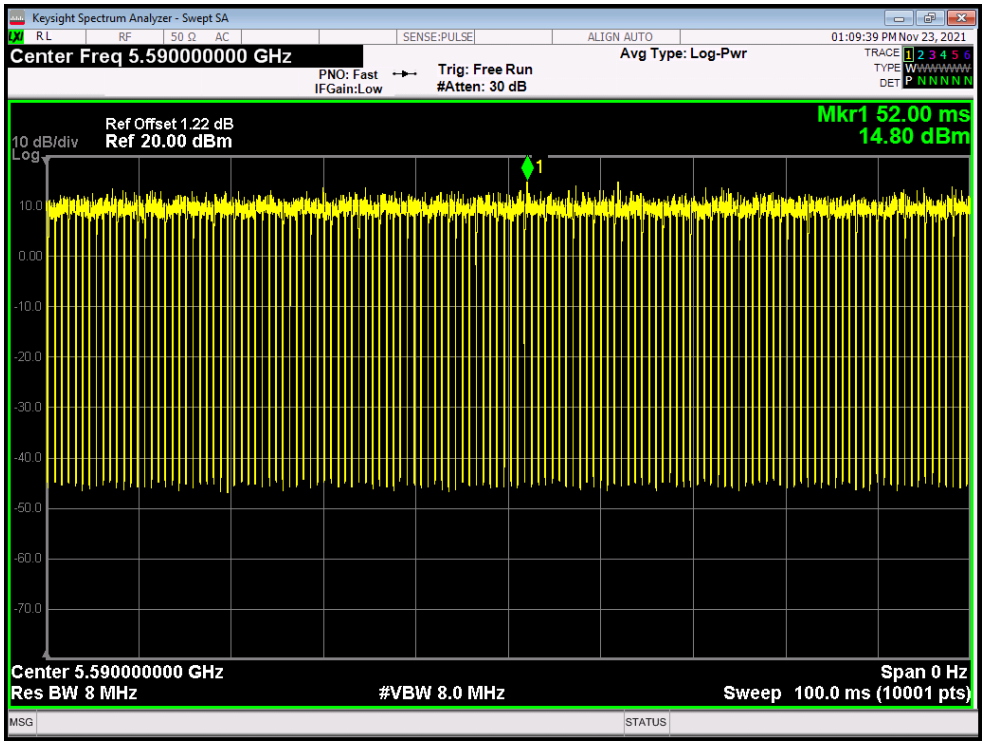
Duty Cycle NVNT n20 5700MHz Ant2



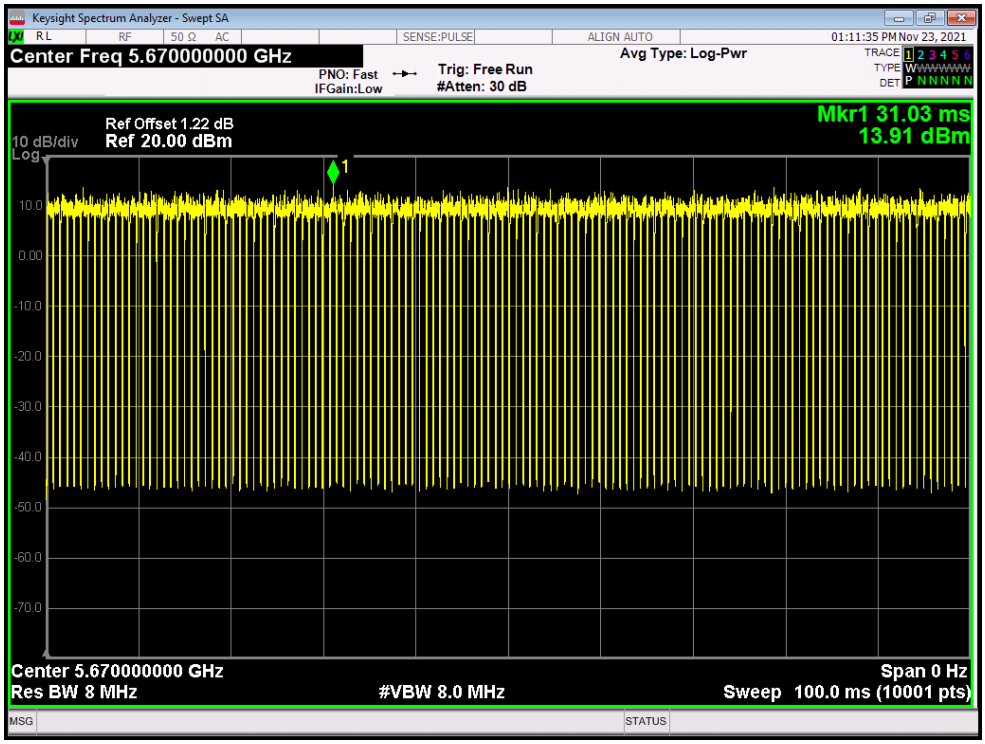
Duty Cycle NVNT n40 5510MHz Ant1



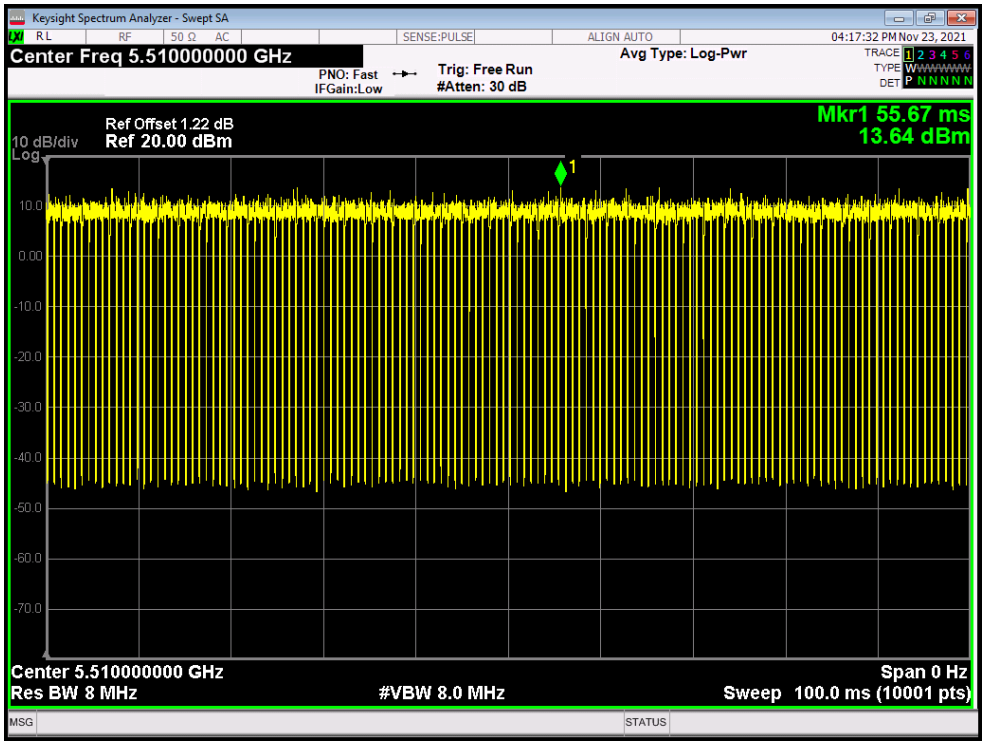
Duty Cycle NVNT n40 5590MHz Ant1



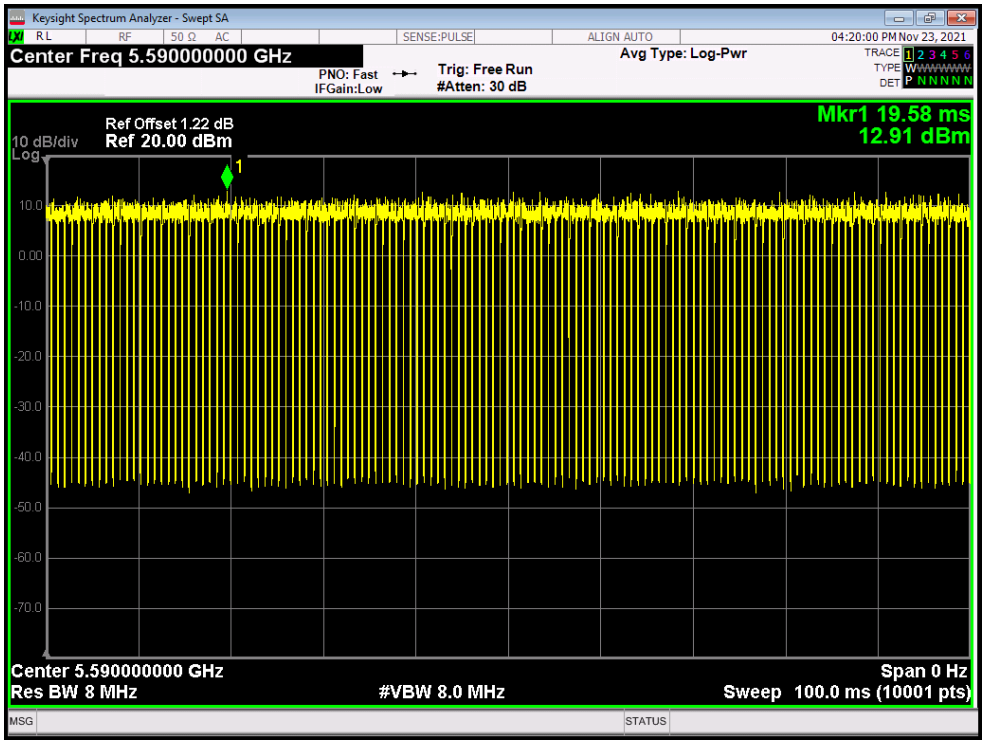
Duty Cycle NVNT n40 5670MHz Ant1



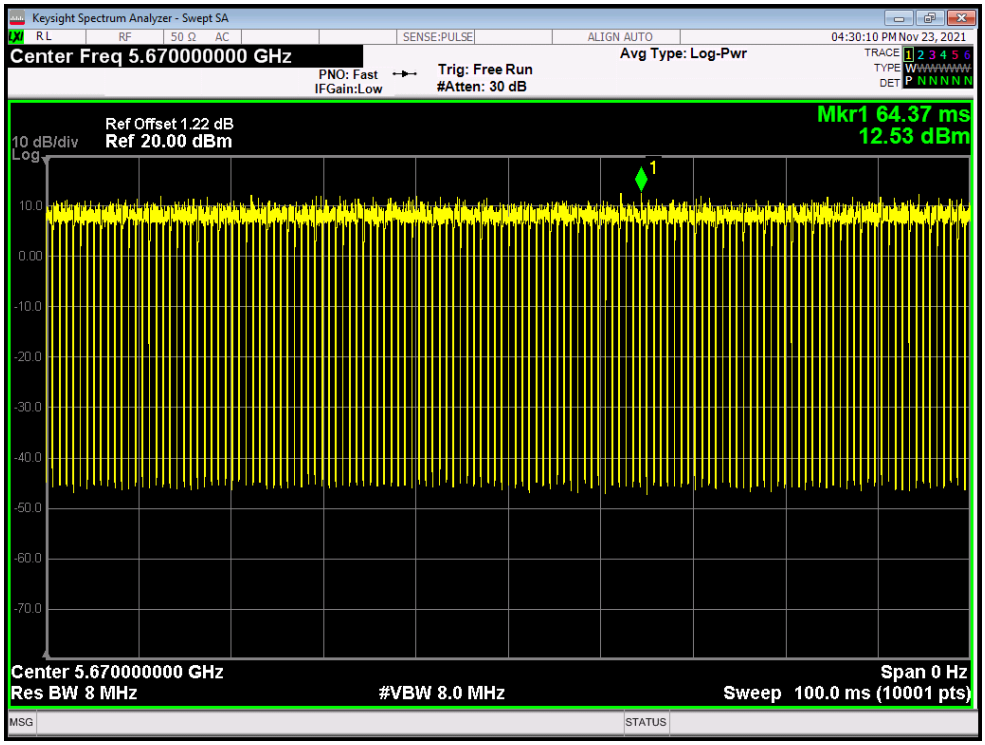
Duty Cycle NVNT n40 5510MHz Ant2



Duty Cycle NVNT n40 5590MHz Ant2



Duty Cycle NVNT n40 5670MHz Ant2



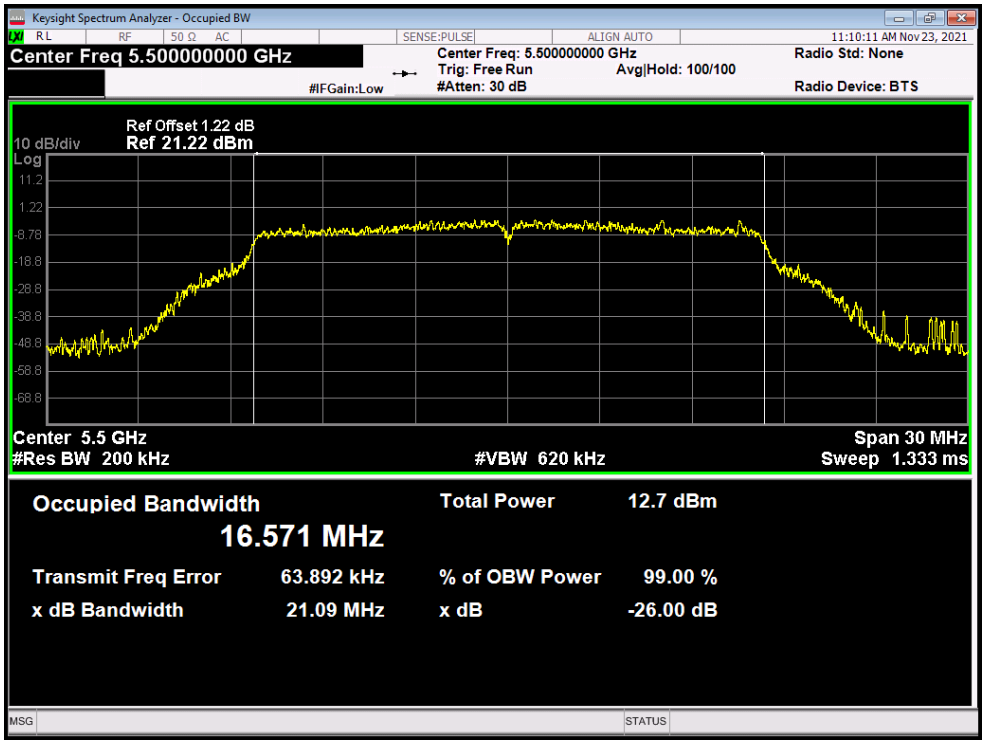
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	6.912	0.27	7.182	24	Pass
NVNT	a	5600	Ant1	7.639	0.27	7.909	24	Pass
NVNT	a	5700	Ant1	7.158	0.27	7.428	24	Pass
NVNT	a	5500	Ant2	8.149	0.27	8.419	24	Pass
NVNT	a	5600	Ant2	8.141	0.27	8.411	24	Pass
NVNT	a	5700	Ant2	8.207	0.27	8.477	24	Pass
NVNT	ac20	5500	Ant1	7.301	0.02	7.321	24	Pass
NVNT	ac20	5600	Ant1	7.7	0.02	7.72	24	Pass
NVNT	ac20	5700	Ant1	7.302	0.02	7.322	24	Pass
NVNT	ac20	5500	Ant2	8.122	0.02	8.142	24	Pass
NVNT	ac20	5600	Ant2	8.284	0.02	8.304	24	Pass
NVNT	ac20	5700	Ant2	8.184	0.02	8.204	24	Pass
NVNT	ac40	5510	Ant1	9.433	0.03	9.463	24	Pass
NVNT	ac40	5590	Ant1	9.573	0.03	9.603	24	Pass
NVNT	ac40	5670	Ant1	9.598	0.03	9.628	24	Pass
NVNT	ac40	5510	Ant2	8.835	0.03	8.865	24	Pass
NVNT	ac40	5590	Ant2	8.9	0.03	8.93	24	Pass
NVNT	ac40	5670	Ant2	8.015	0.03	8.045	24	Pass
NVNT	ac80	5530	Ant1	6.114	3.38	9.494	24	Pass
NVNT	ac80	5530	Ant2	5.208	3.39	8.598	24	Pass
NVNT	ac80	5610	Ant1	6.229	3.29	9.519	24	Pass
NVNT	ac80	5610	Ant2	5.151	3.29	8.441	24	Pass
NVNT	n20	5500	Ant1	7.028	0.28	7.308	24	Pass
NVNT	n20	5600	Ant1	7.393	0.28	7.673	24	Pass
NVNT	n20	5700	Ant1	7.227	0.28	7.507	24	Pass
NVNT	n20	5500	Ant2	7.893	0.28	8.173	24	Pass
NVNT	n20	5600	Ant2	8.092	0.29	8.382	24	Pass
NVNT	n20	5700	Ant2	8.039	0.28	8.319	24	Pass
NVNT	n40	5510	Ant1	8.805	0.55	9.355	24	Pass
NVNT	n40	5590	Ant1	9.069	0.55	9.619	24	Pass
NVNT	n40	5670	Ant1	9.056	0.55	9.606	24	Pass
NVNT	n40	5510	Ant2	8.436	0.55	8.986	24	Pass
NVNT	n40	5590	Ant2	8.216	0.55	8.766	24	Pass
NVNT	n40	5670	Ant2	7.713	0.55	8.263	24	Pass

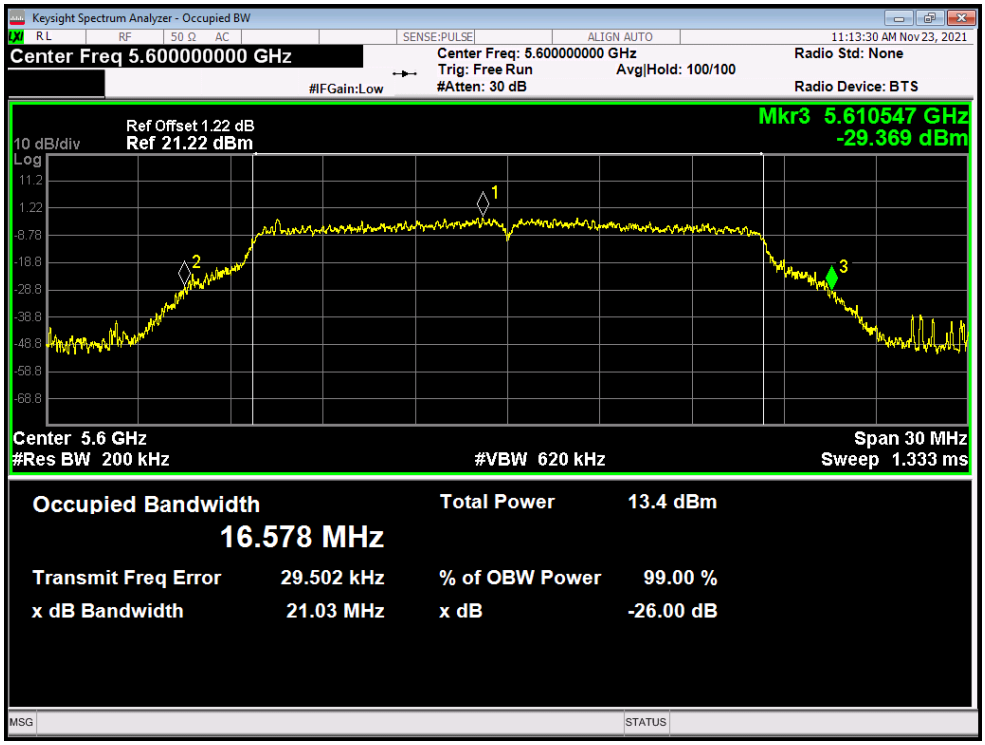
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	21.091	Pass
NVNT	a	5600	Ant1	21.035	Pass
NVNT	a	5700	Ant1	21.197	Pass
NVNT	a	5500	Ant2	21.01	Pass
NVNT	a	5600	Ant2	21.009	Pass
NVNT	a	5700	Ant2	20.838	Pass
NVNT	ac20	5500	Ant1	21.264	Pass
NVNT	ac20	5600	Ant1	21.145	Pass
NVNT	ac20	5700	Ant1	20.981	Pass
NVNT	ac20	5500	Ant2	21.179	Pass
NVNT	ac20	5600	Ant2	21.311	Pass
NVNT	ac20	5700	Ant2	21.432	Pass
NVNT	ac40	5510	Ant1	40.043	Pass
NVNT	ac40	5590	Ant1	39.886	Pass
NVNT	ac40	5670	Ant1	39.971	Pass
NVNT	ac40	5510	Ant2	39.98	Pass
NVNT	ac40	5590	Ant2	39.827	Pass
NVNT	ac40	5670	Ant2	39.913	Pass
NVNT	ac80	5530	Ant1	81.032	Pass
NVNT	ac80	5530	Ant2	81.191	Pass
NVNT	ac80	5610	Ant1	79.888	Pass
NVNT	ac80	5610	Ant2	79.724	Pass
NVNT	n20	5500	Ant1	21.264	Pass
NVNT	n20	5600	Ant1	21.204	Pass
NVNT	n20	5700	Ant1	21.182	Pass
NVNT	n20	5500	Ant2	21.184	Pass
NVNT	n20	5600	Ant2	21.291	Pass
NVNT	n20	5700	Ant2	21.56	Pass
NVNT	n40	5510	Ant1	40.068	Pass
NVNT	n40	5590	Ant1	40.012	Pass
NVNT	n40	5670	Ant1	39.808	Pass
NVNT	n40	5510	Ant2	39.878	Pass
NVNT	n40	5590	Ant2	39.939	Pass
NVNT	n40	5670	Ant2	40.054	Pass

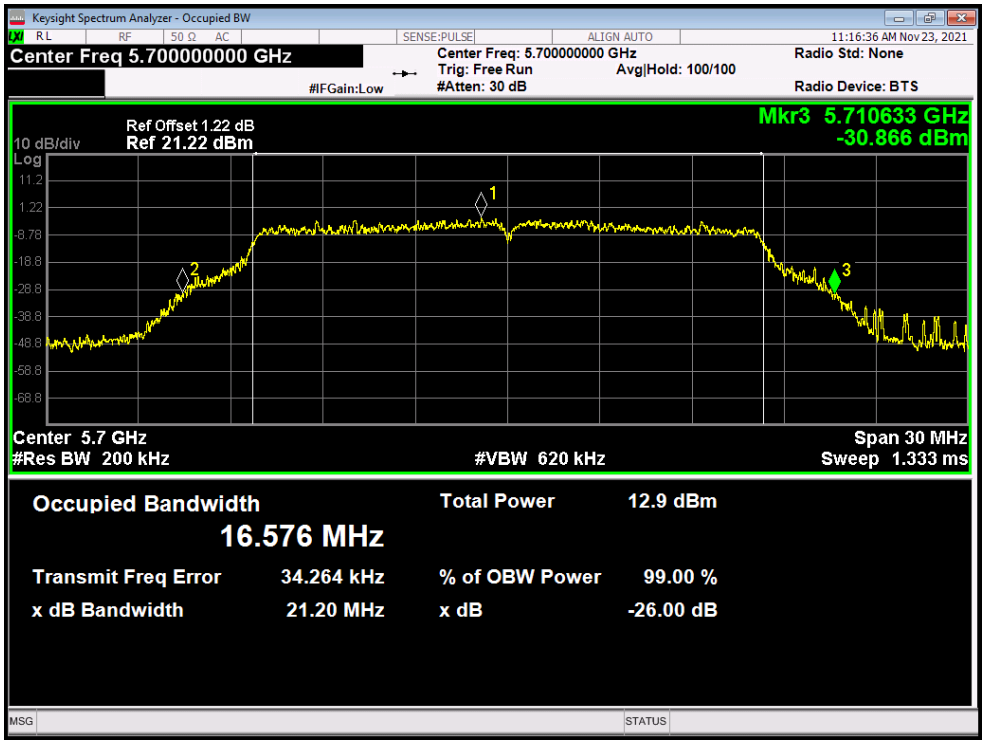
-26dB Bandwidth NVNT a 5500MHz Ant1



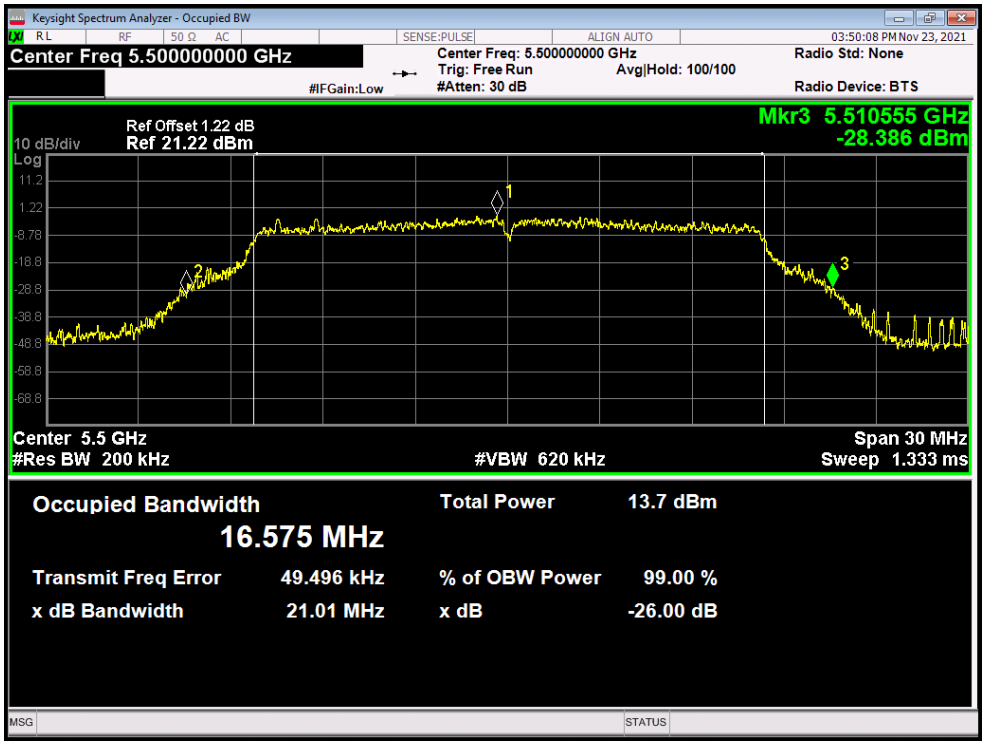
-26dB Bandwidth NVNT a 5600MHz Ant1



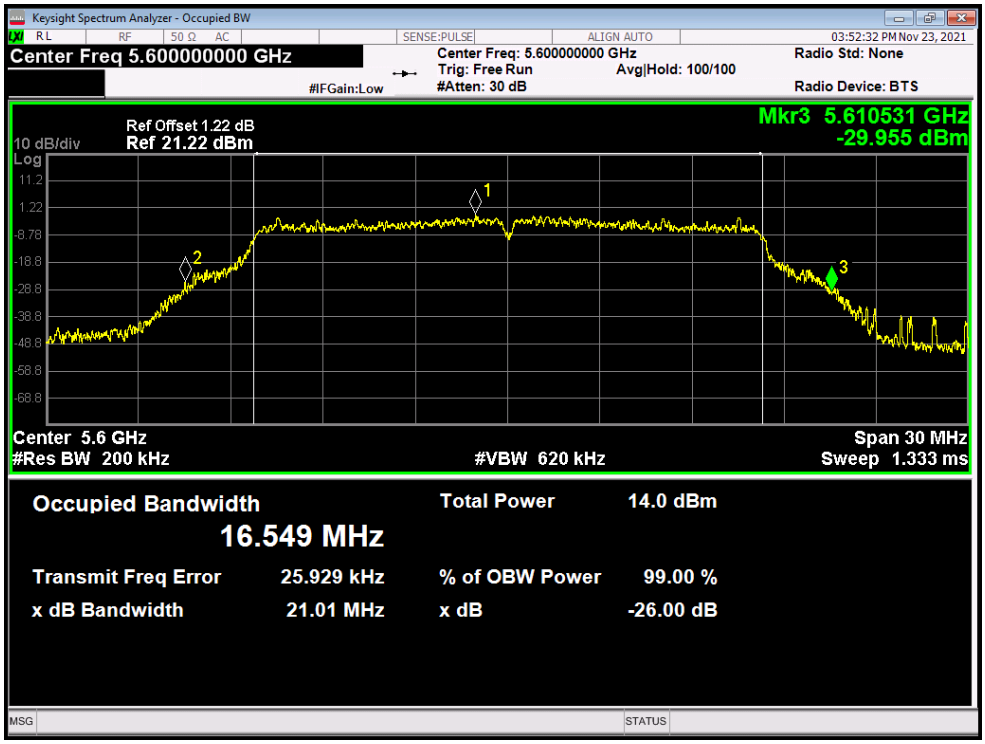
-26dB Bandwidth NVNT a 5700MHz Ant1



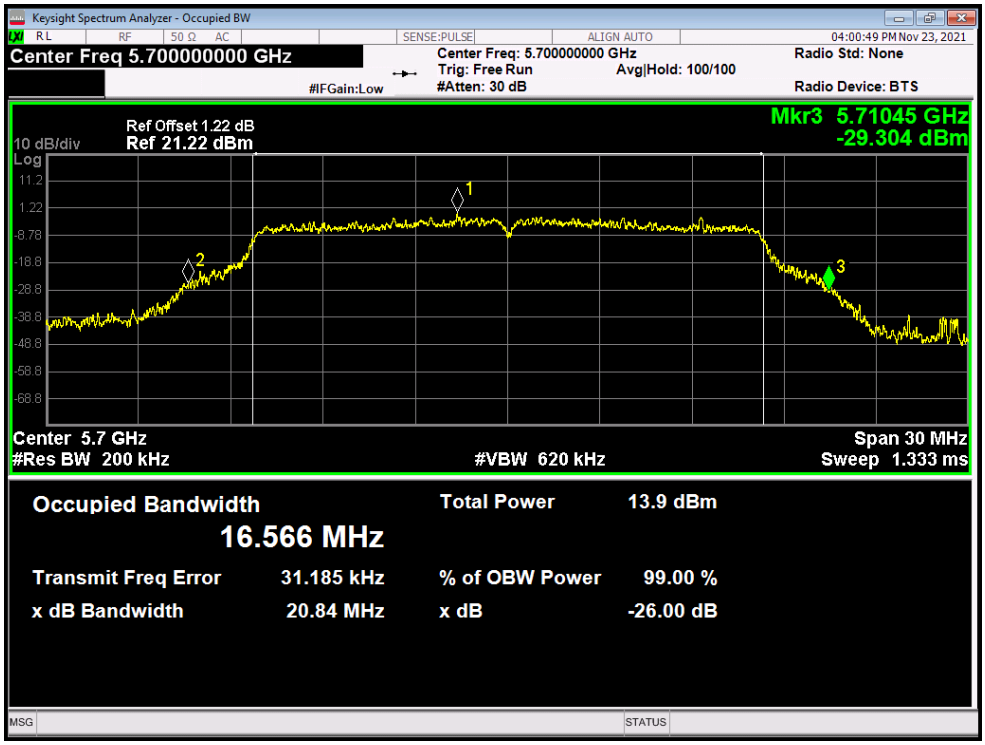
-26dB Bandwidth NVNT a 5500MHz Ant2



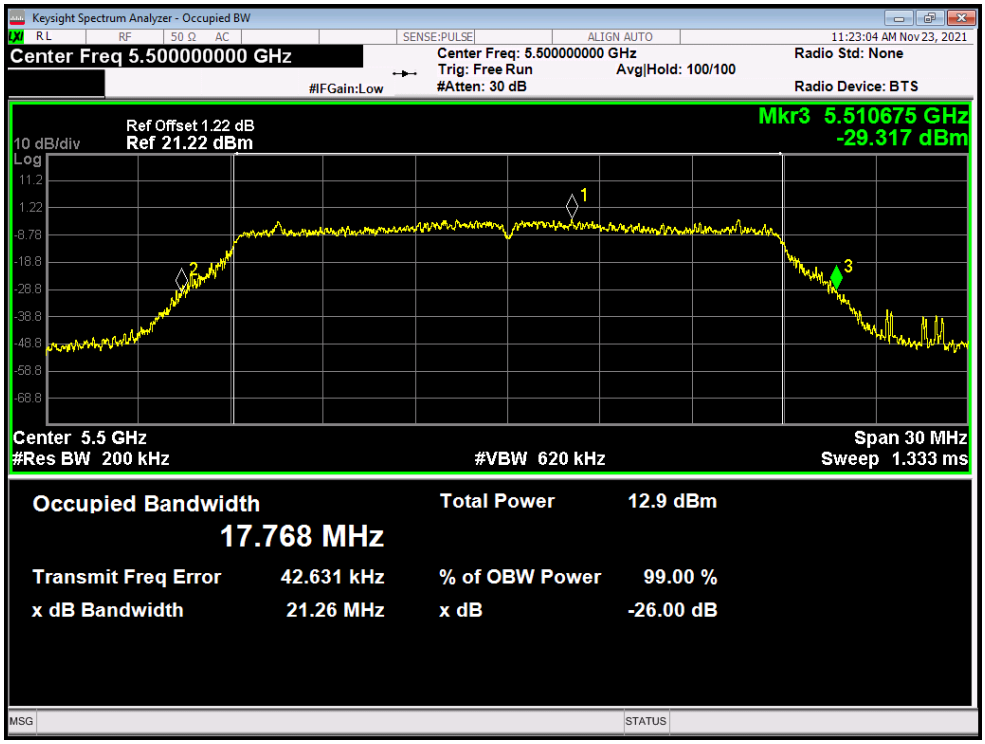
-26dB Bandwidth NVNT a 5600MHz Ant2



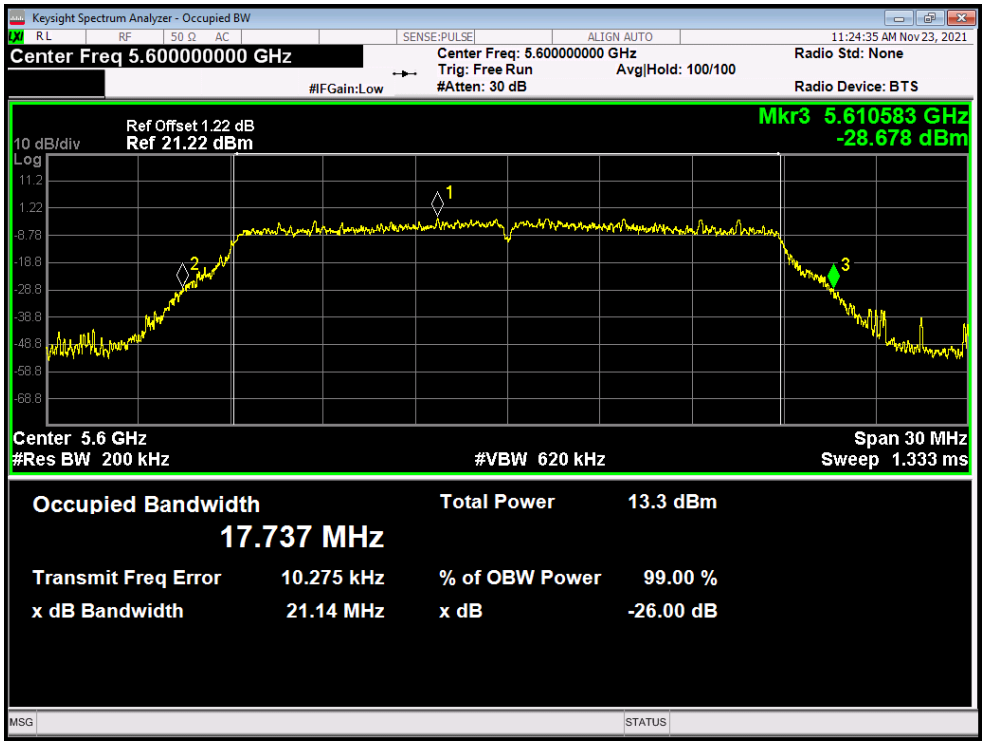
-26dB Bandwidth NVNT a 5700MHz Ant2



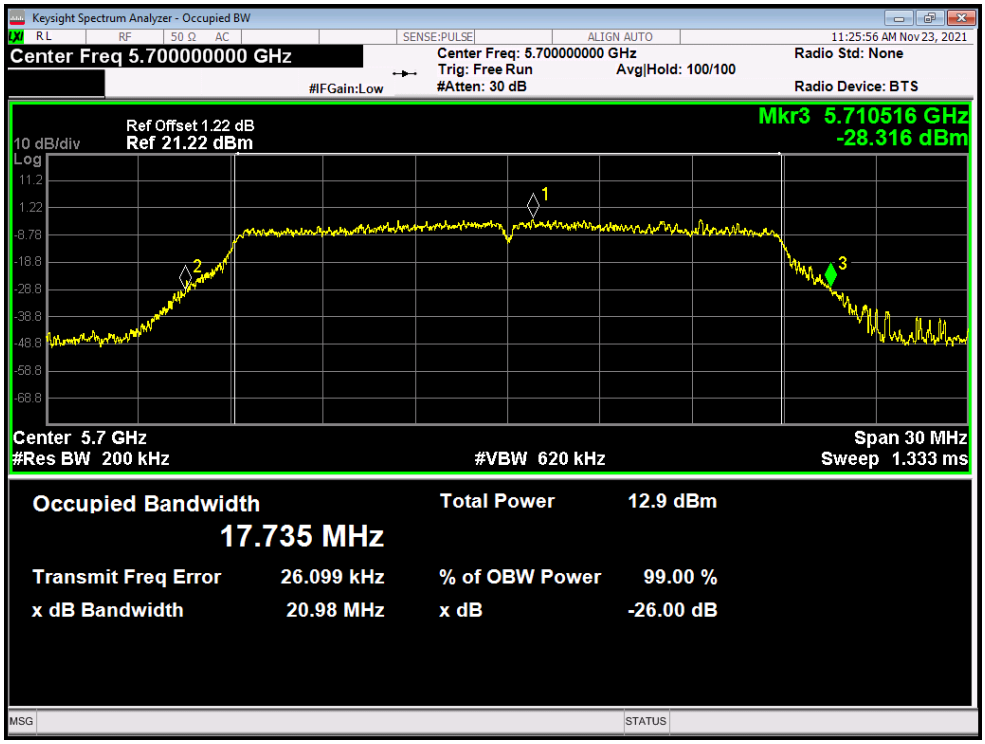
-26dB Bandwidth NVNT ac20 5500MHz Ant1



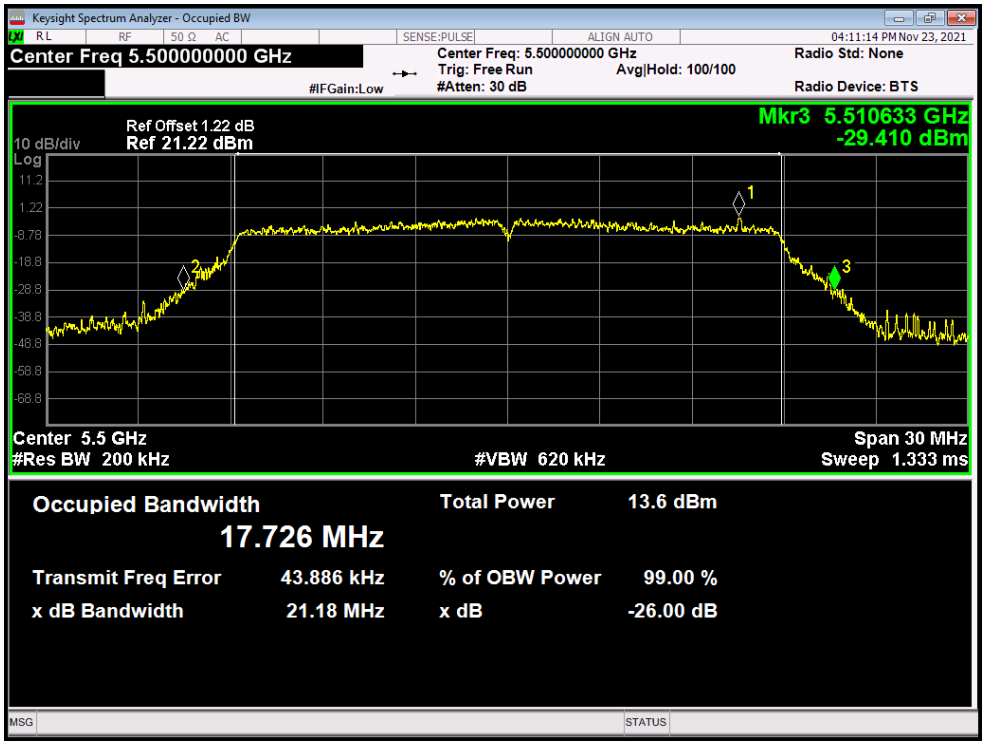
-26dB Bandwidth NVNT ac20 5600MHz Ant1



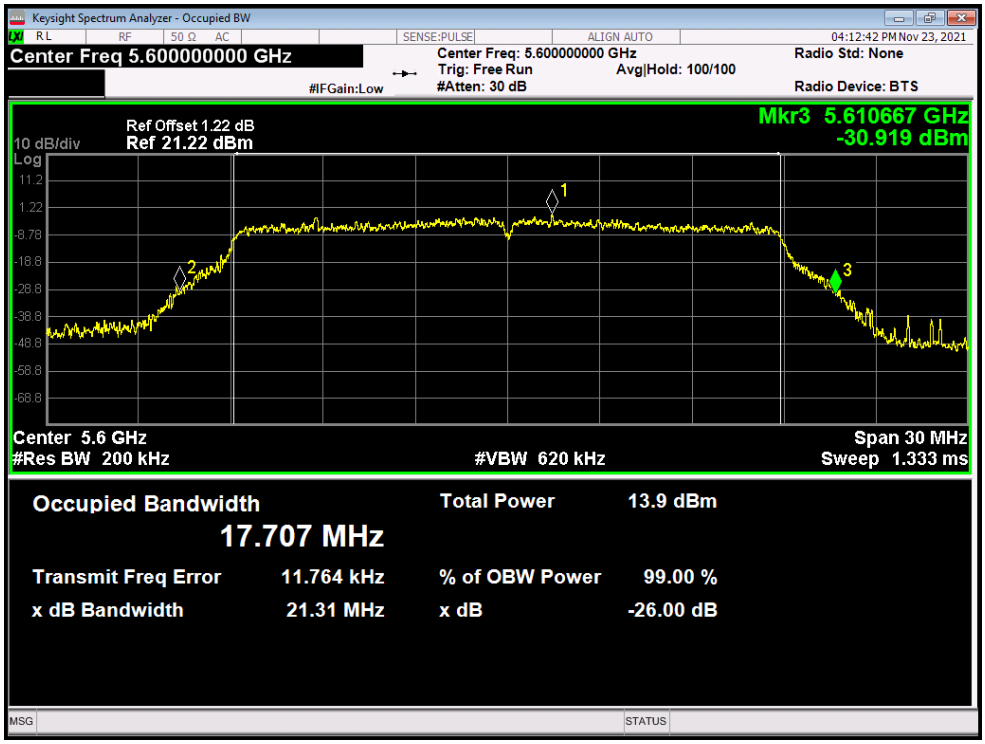
-26dB Bandwidth NVNT ac20 5700MHz Ant1



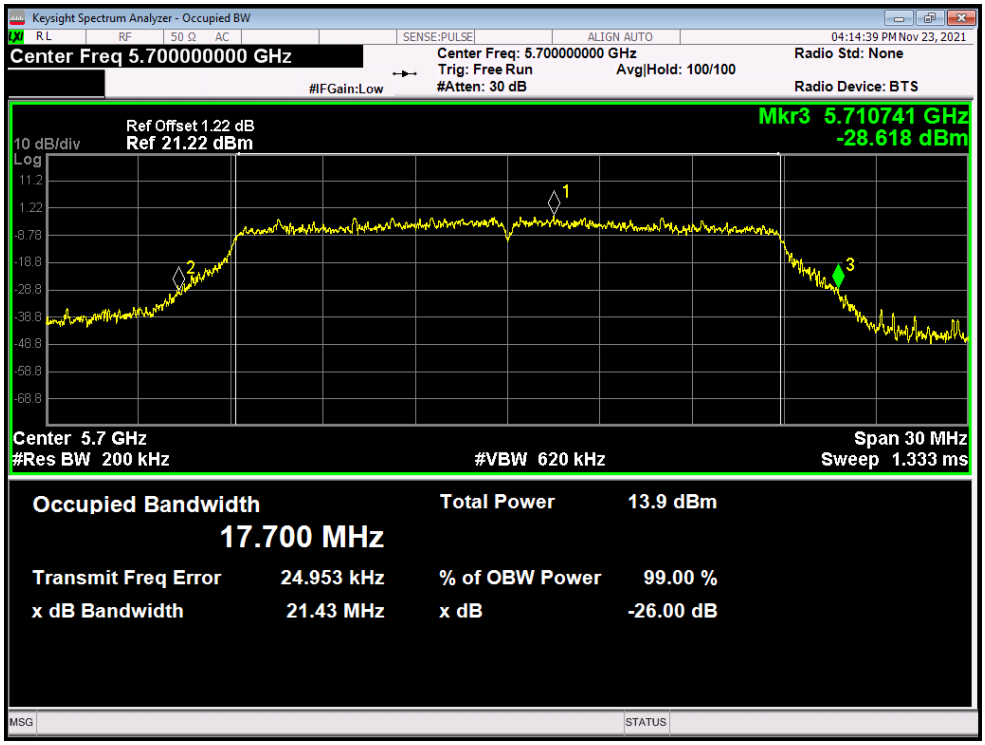
-26dB Bandwidth NVNT ac20 5500MHz Ant2



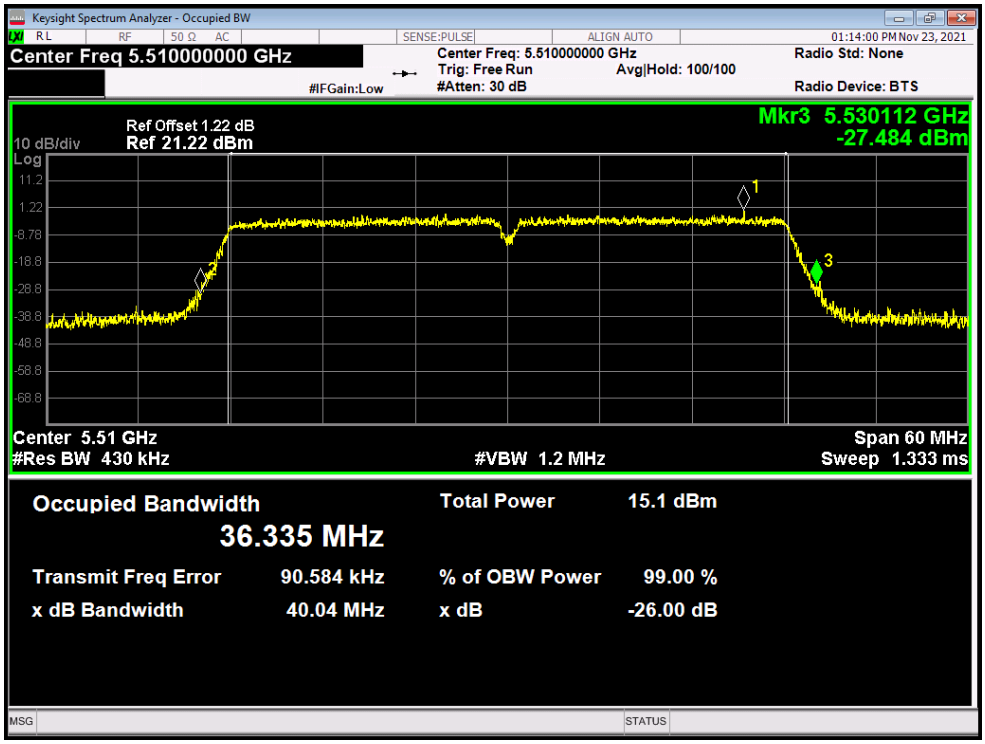
-26dB Bandwidth NVNT ac20 5600MHz Ant2



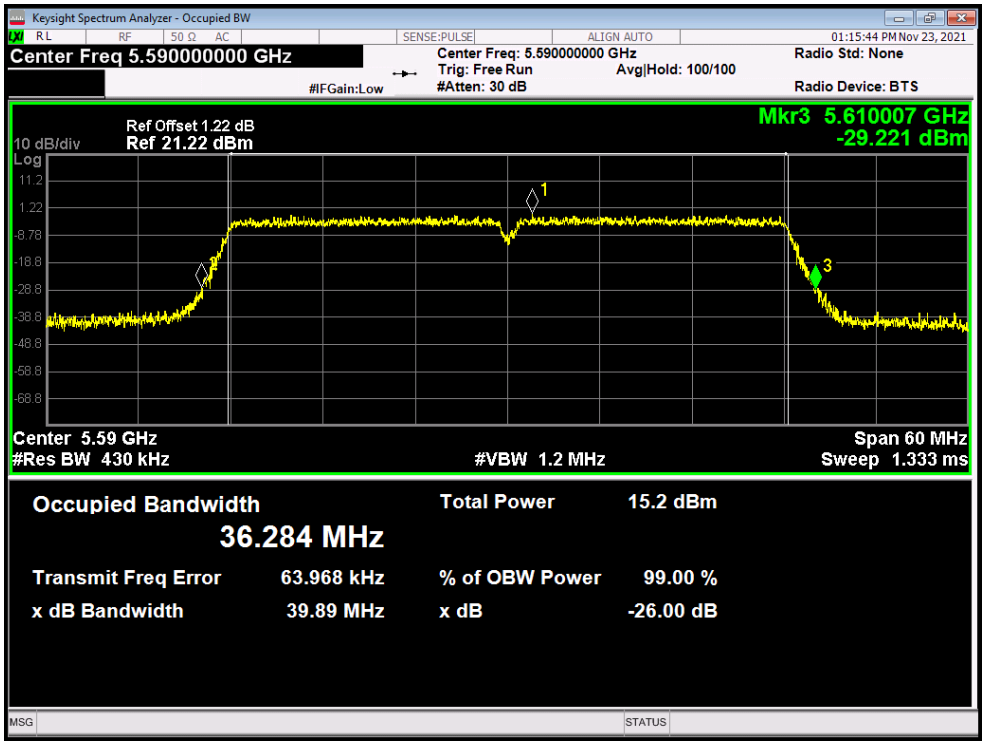
-26dB Bandwidth NVNT ac20 5700MHz Ant2



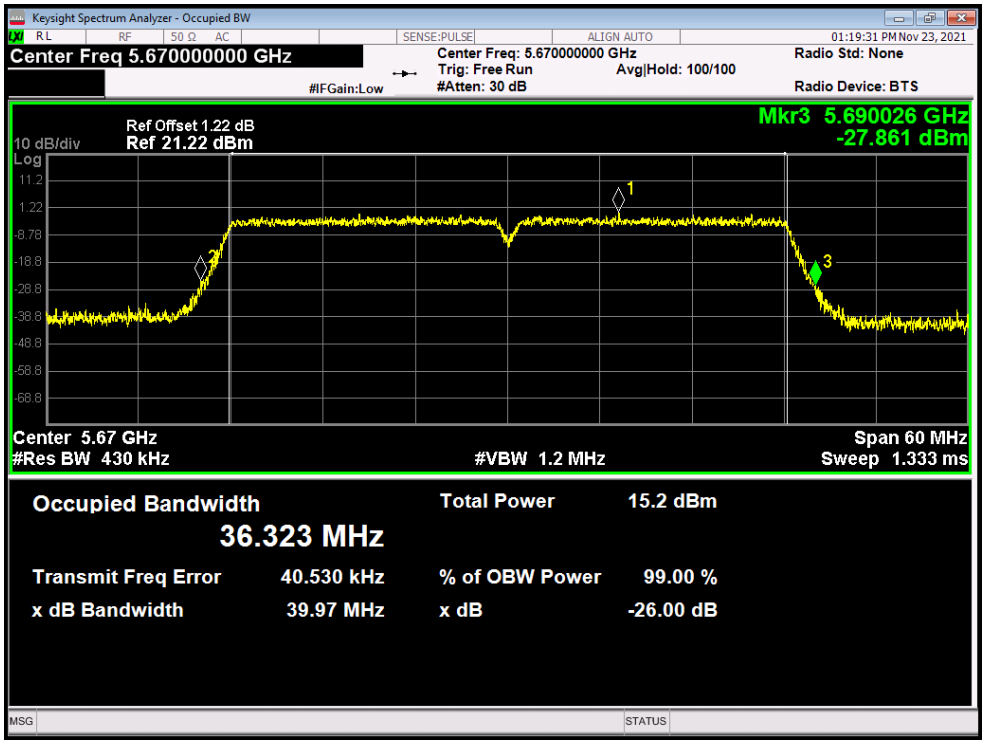
-26dB Bandwidth NVNT ac40 5510MHz Ant1



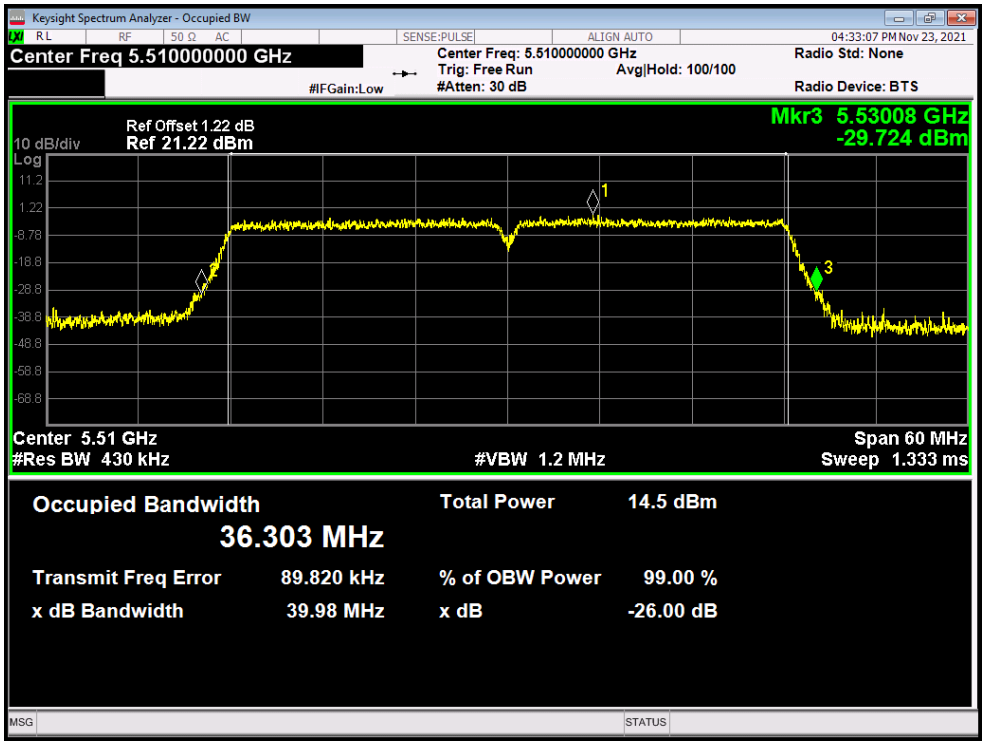
-26dB Bandwidth NVNT ac40 5590MHz Ant1



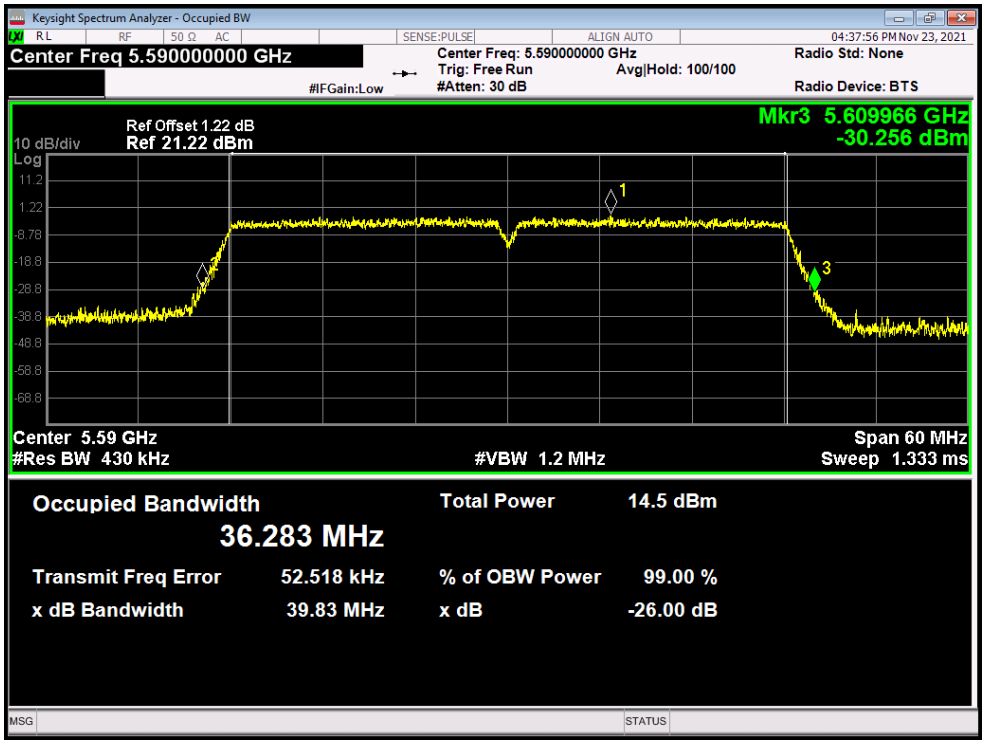
-26dB Bandwidth NVNT ac40 5670MHz Ant1



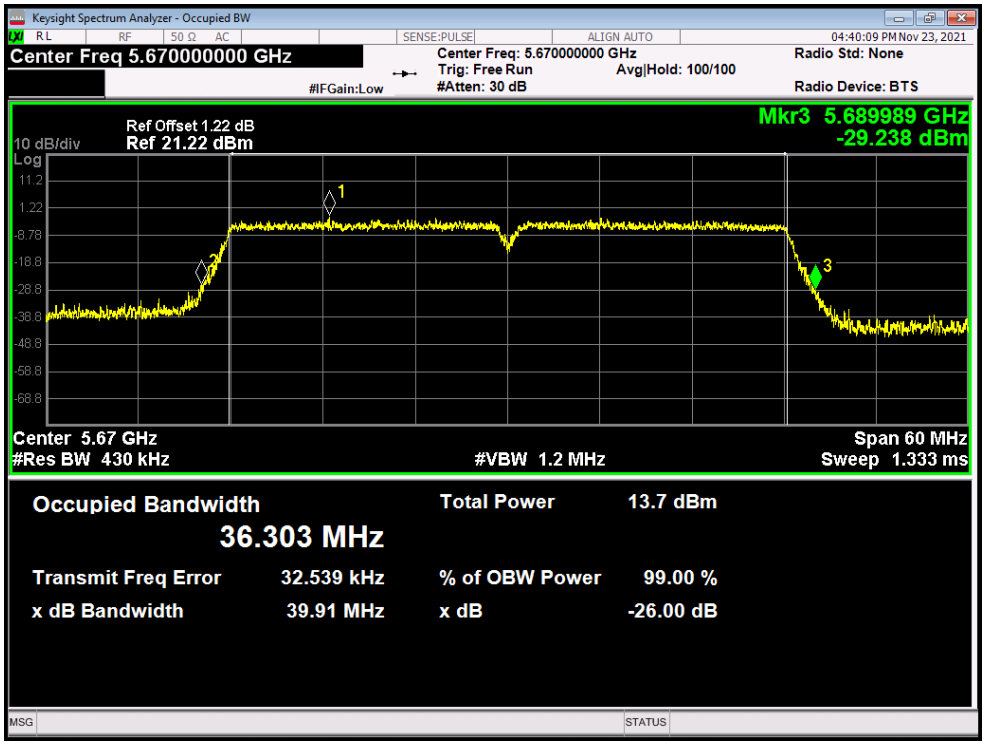
-26dB Bandwidth NVNT ac40 5510MHz Ant2



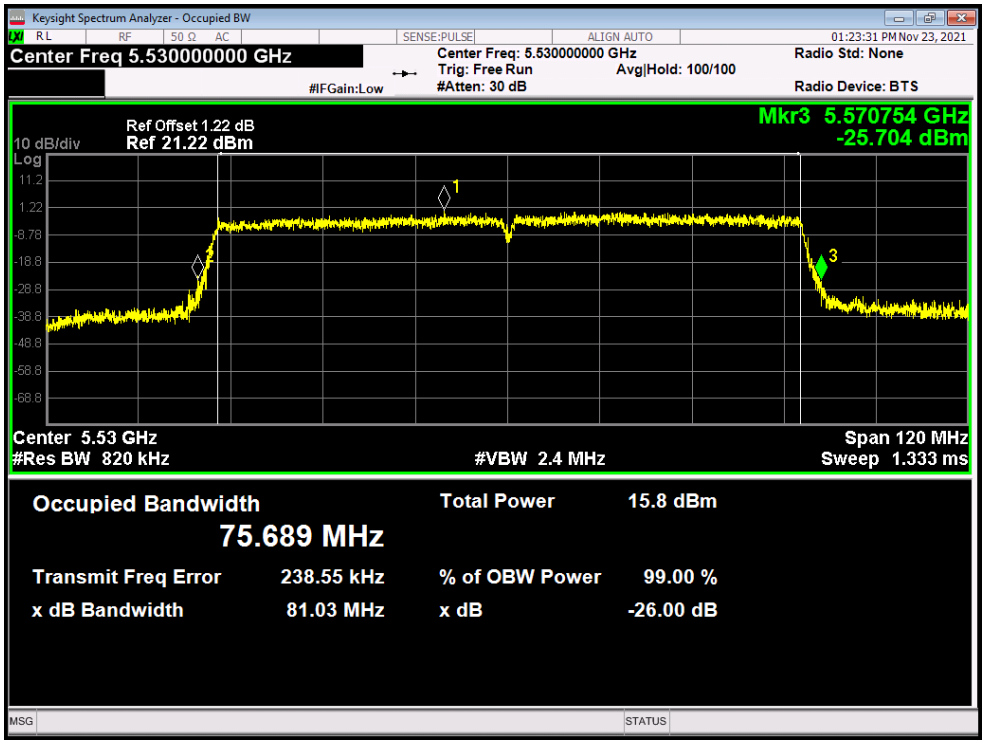
-26dB Bandwidth NVNT ac40 5590MHz Ant2



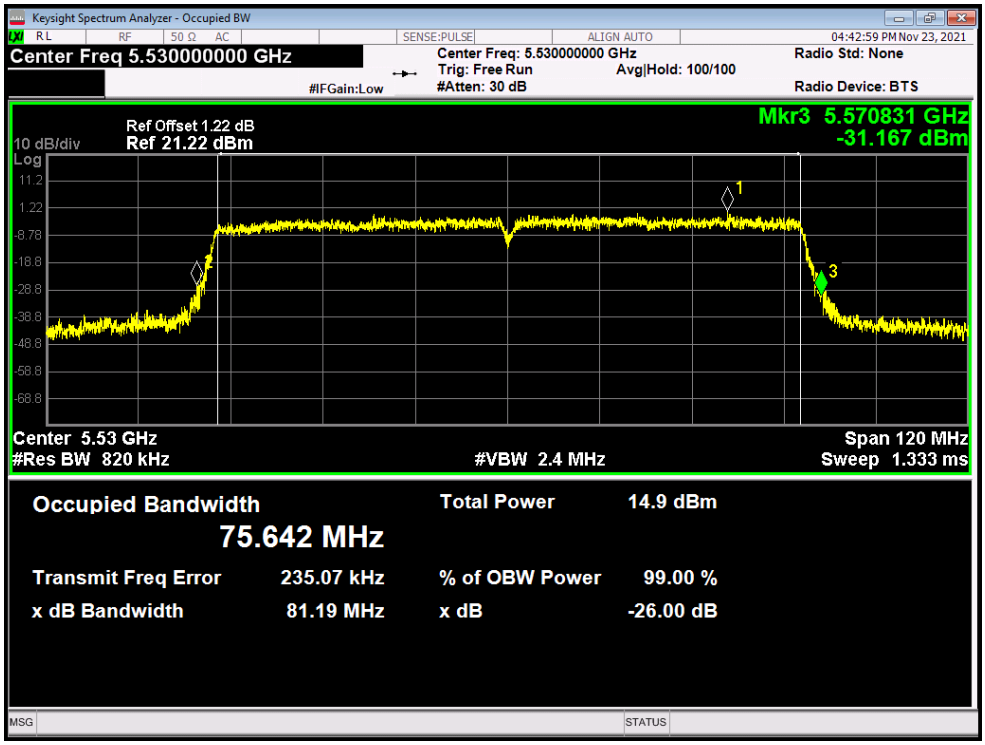
-26dB Bandwidth NVNT ac40 5670MHz Ant2



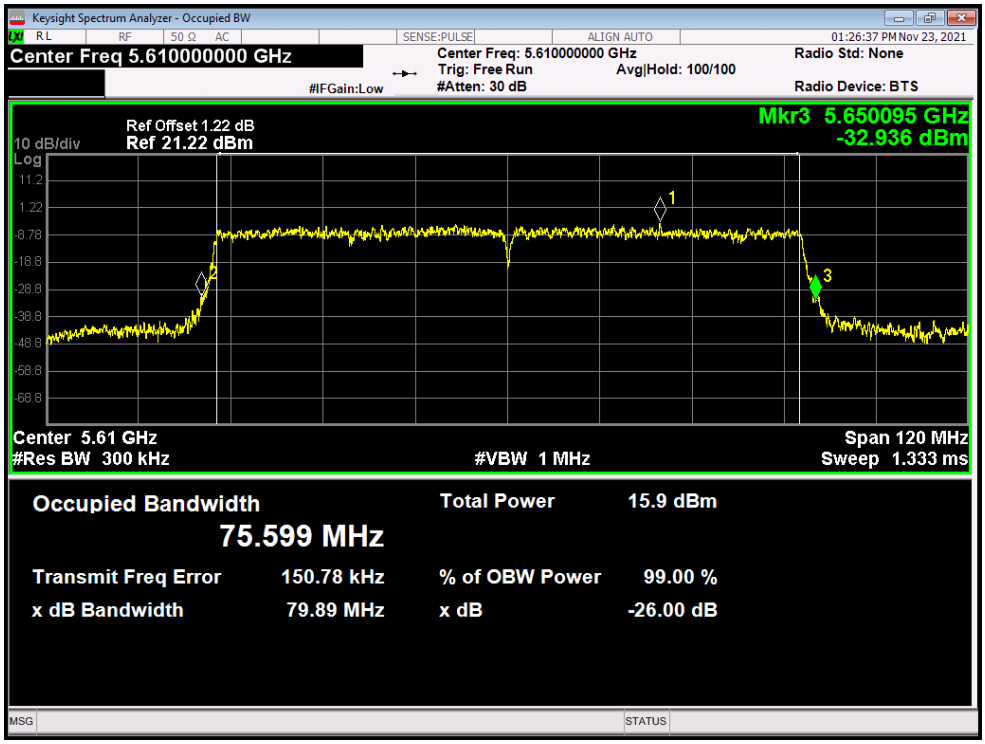
-26dB Bandwidth NVNT ac80 5530MHz Ant1



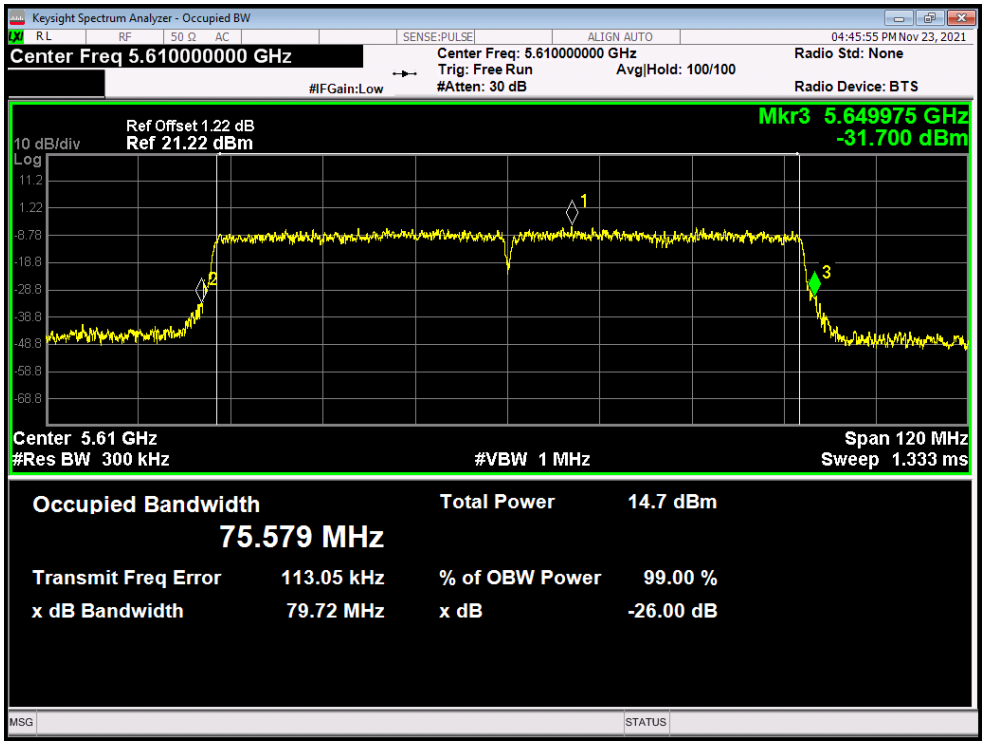
-26dB Bandwidth NVNT ac80 5530MHz Ant2



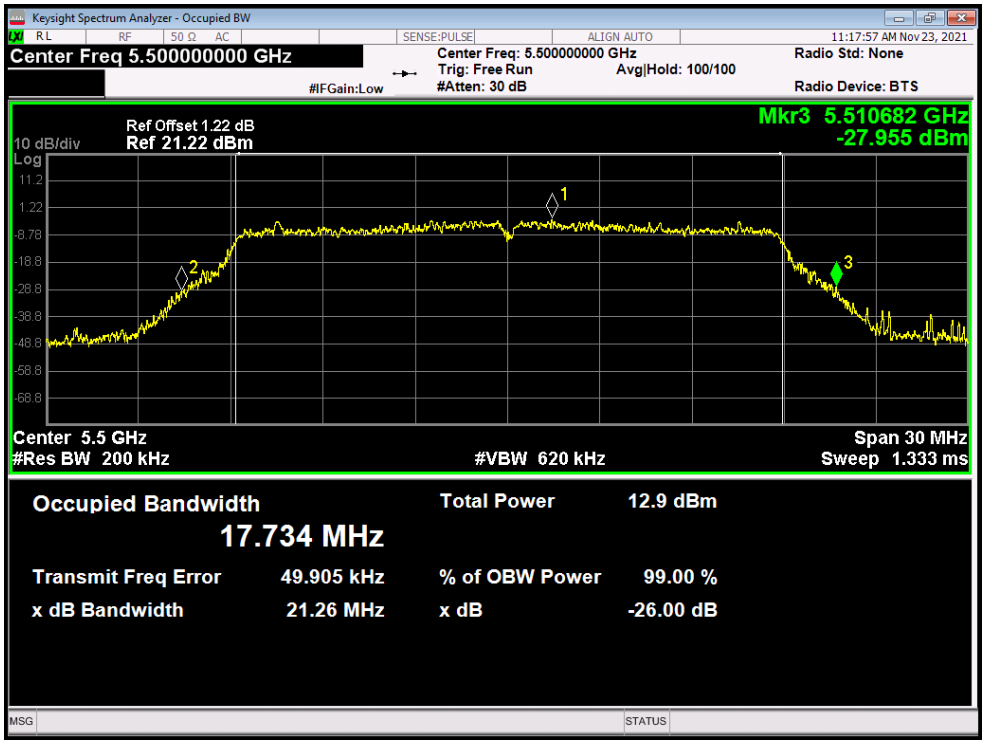
-26dB Bandwidth NVNT ac80 5610MHz Ant1



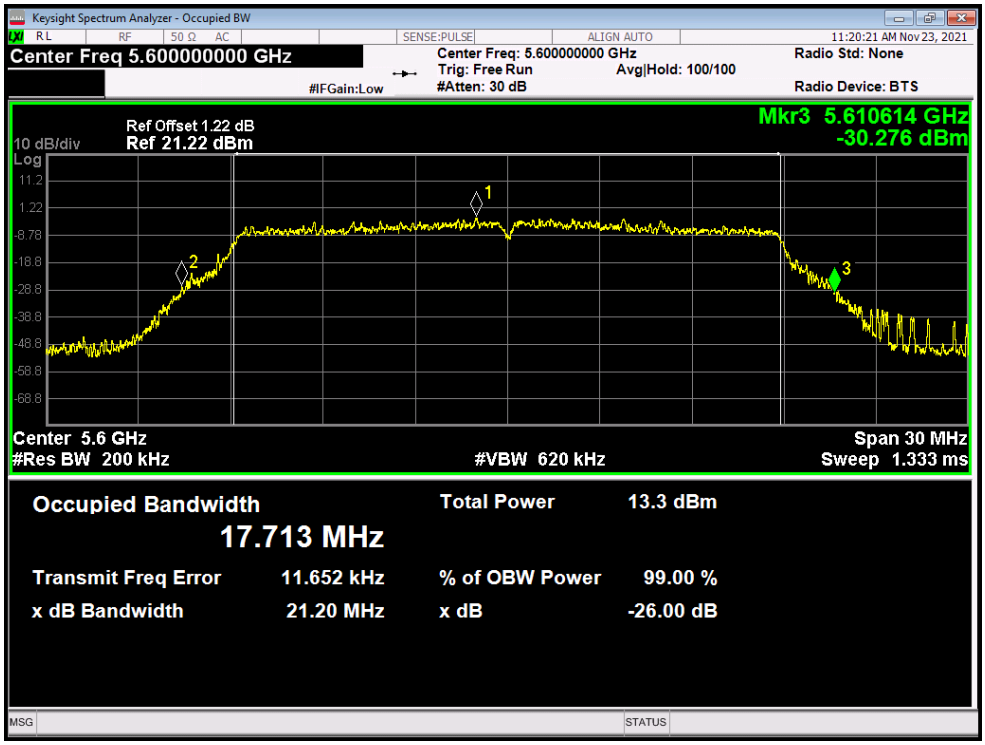
-26dB Bandwidth NVNT ac80 5610MHz Ant2



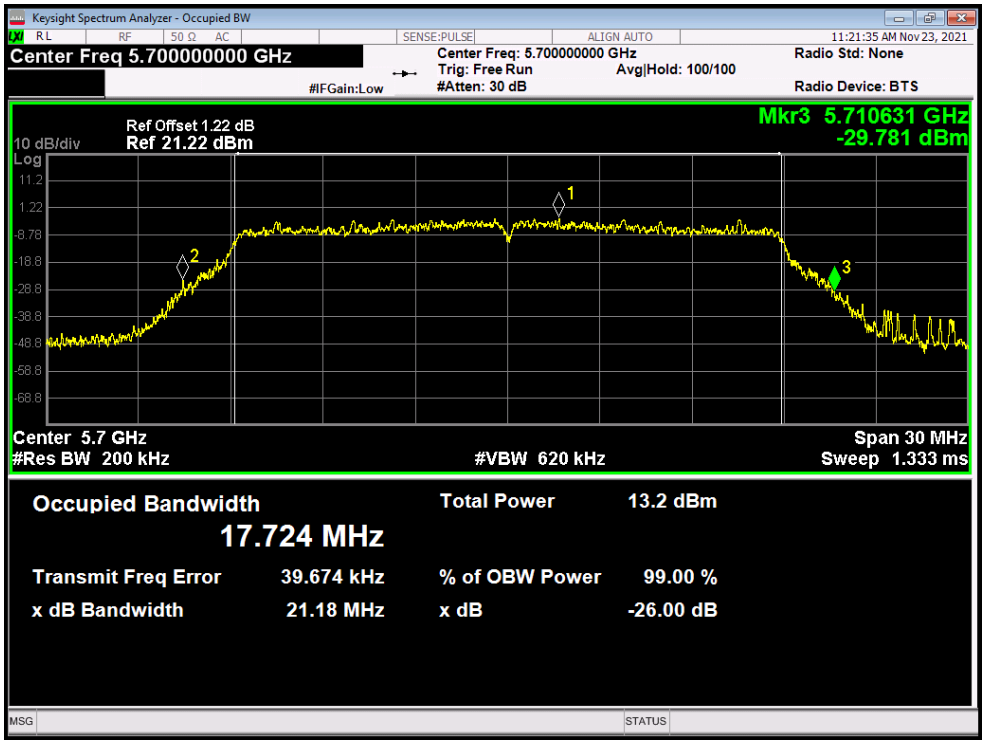
-26dB Bandwidth NVNT n20 5500MHz Ant1



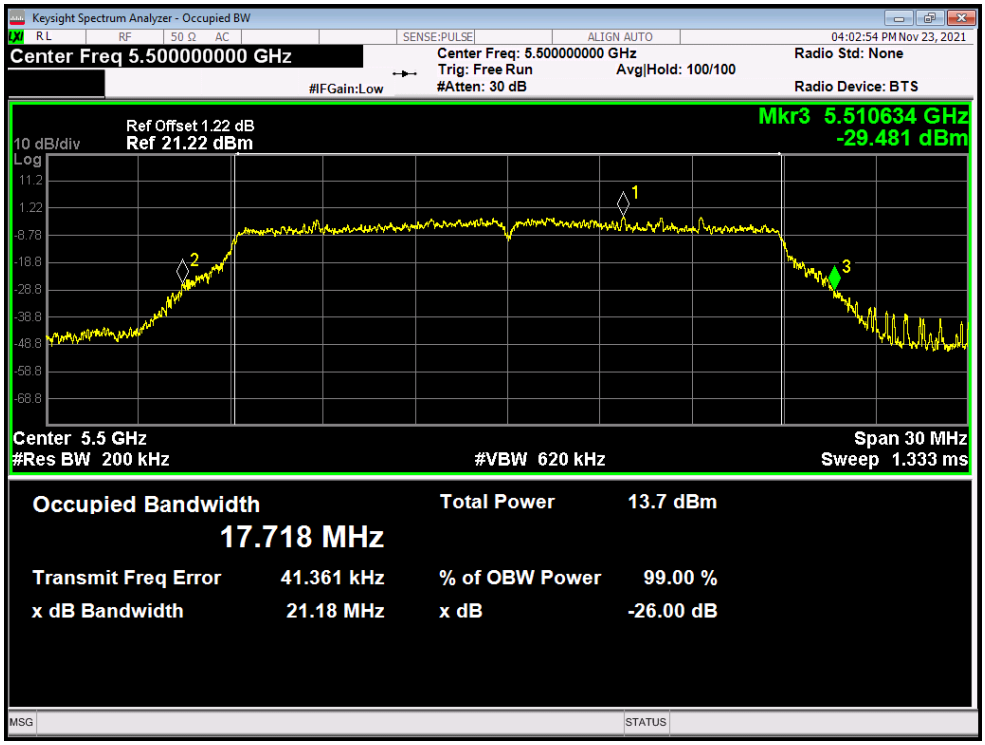
-26dB Bandwidth NVNT n20 5600MHz Ant1



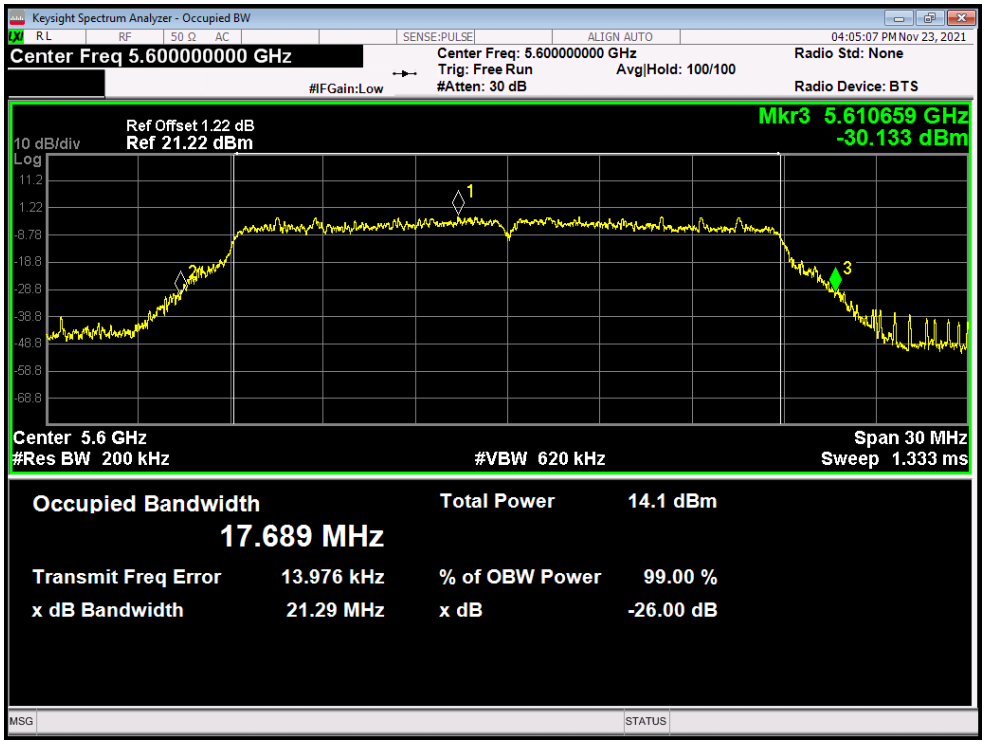
-26dB Bandwidth NVNT n20 5700MHz Ant1



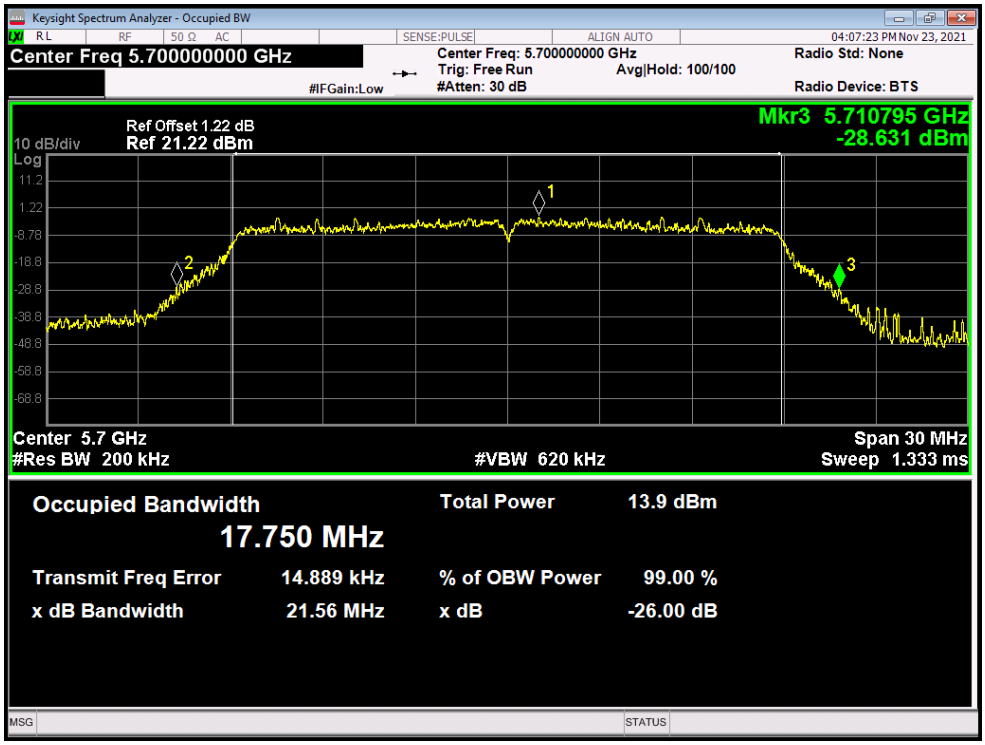
-26dB Bandwidth NVNT n20 5500MHz Ant2



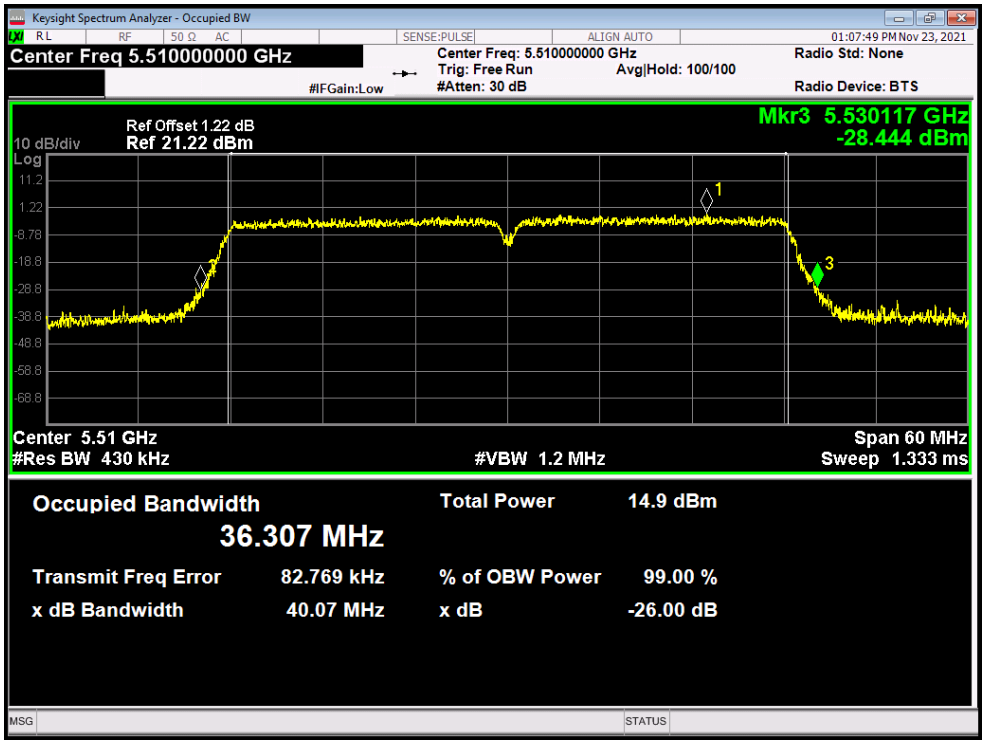
-26dB Bandwidth NVNT n20 5600MHz Ant2



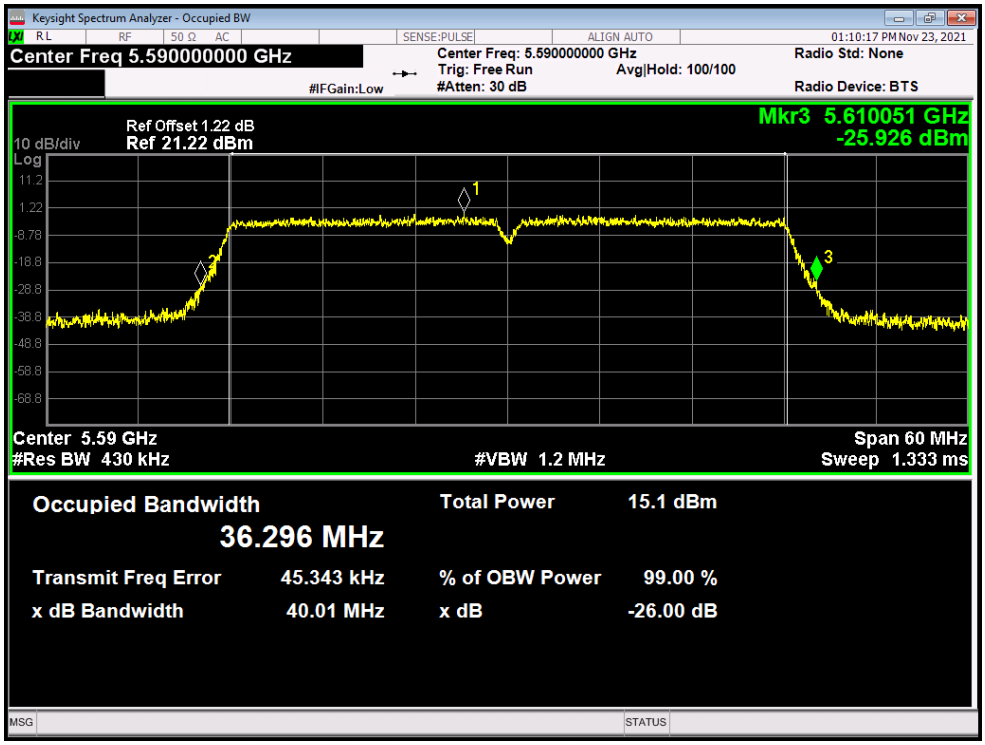
-26dB Bandwidth NVNT n20 5700MHz Ant2



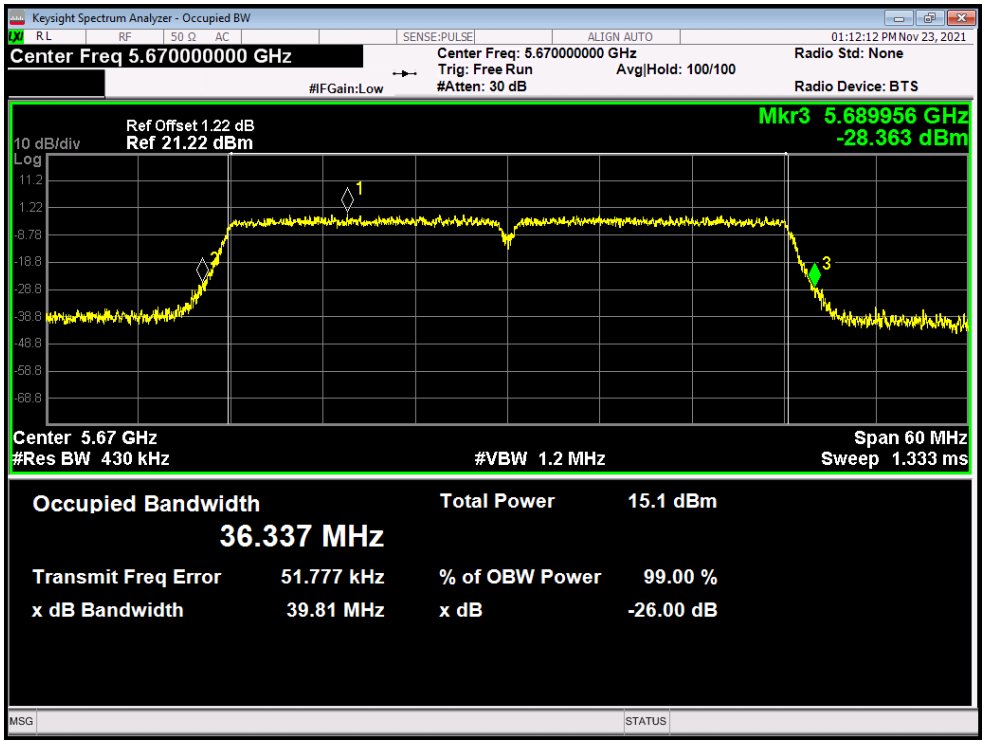
-26dB Bandwidth NVNT n40 5510MHz Ant1



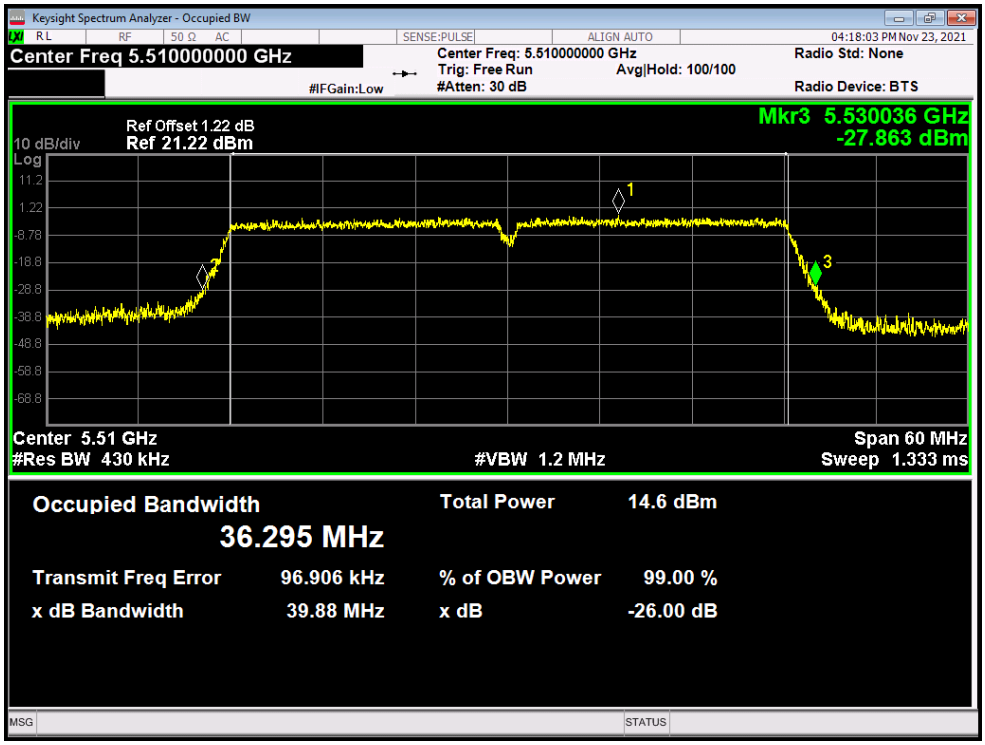
-26dB Bandwidth NVNT n40 5590MHz Ant1



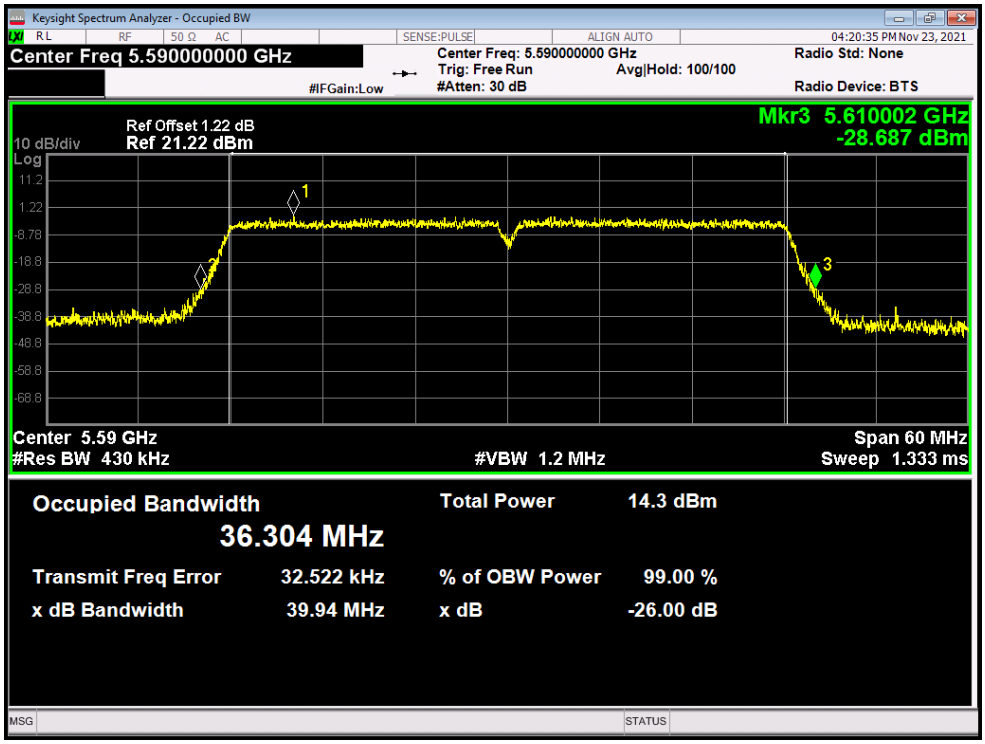
-26dB Bandwidth NVNT n40 5670MHz Ant1



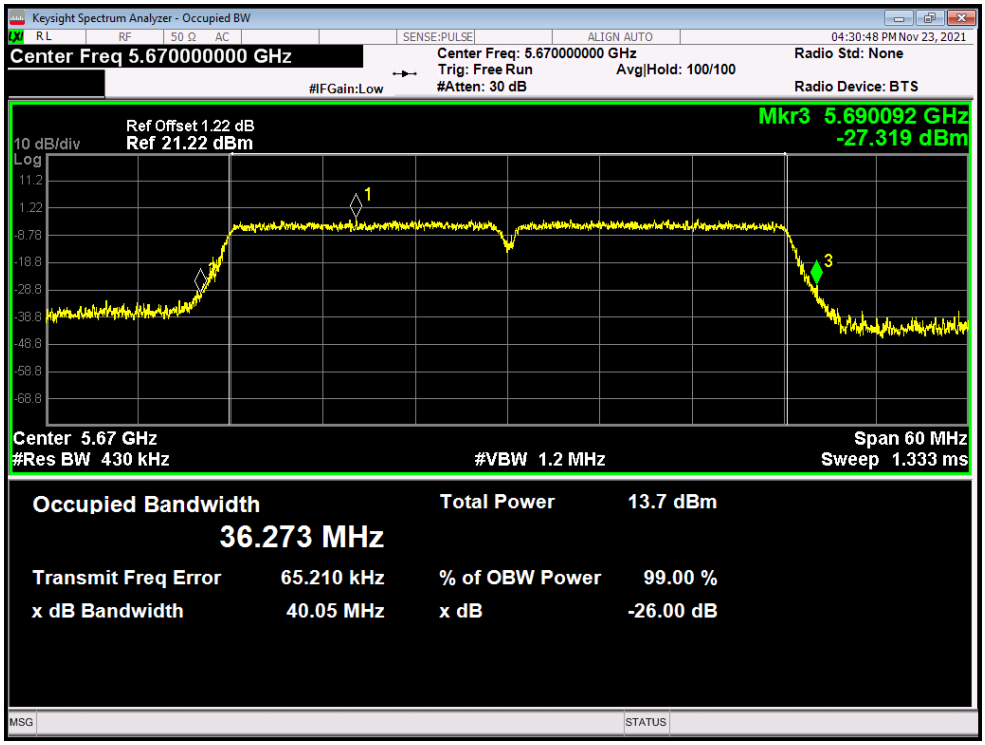
-26dB Bandwidth NVNT n40 5510MHz Ant2



-26dB Bandwidth NVNT n40 5590MHz Ant2



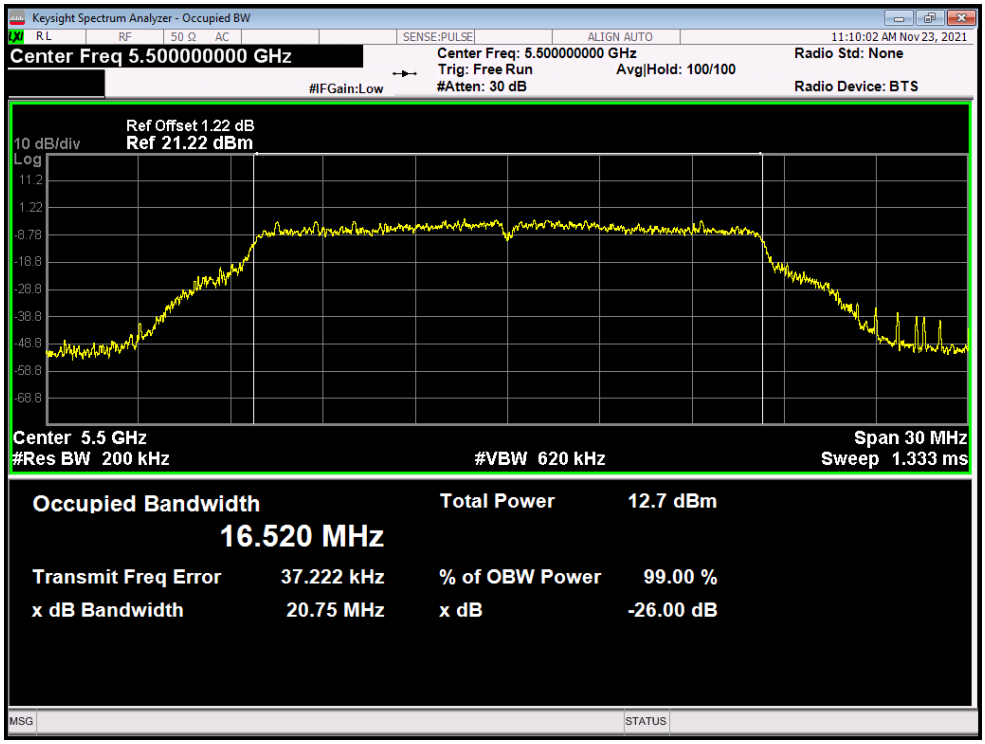
-26dB Bandwidth NVNT n40 5670MHz Ant2



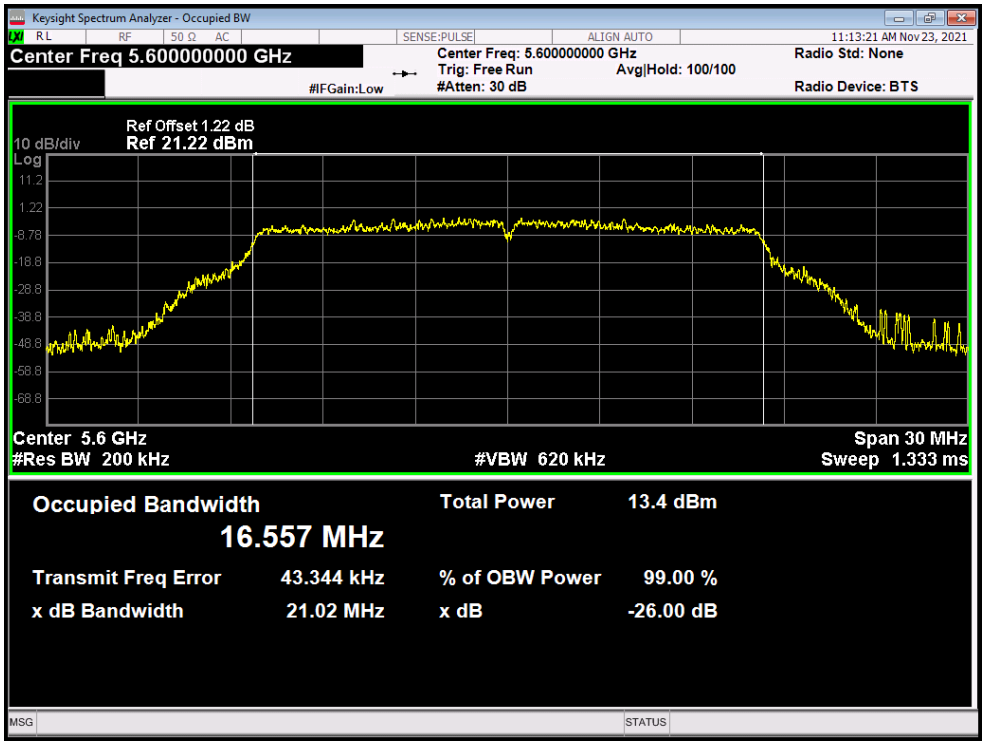
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.52
NVNT	a	5600	Ant1	16.557
NVNT	a	5700	Ant1	16.566
NVNT	a	5500	Ant2	16.602
NVNT	a	5600	Ant2	16.577
NVNT	a	5700	Ant2	16.566
NVNT	ac20	5500	Ant1	17.716
NVNT	ac20	5600	Ant1	17.735
NVNT	ac20	5700	Ant1	17.736
NVNT	ac20	5500	Ant2	17.749
NVNT	ac20	5600	Ant2	17.738
NVNT	ac20	5700	Ant2	17.748
NVNT	ac40	5510	Ant1	36.319
NVNT	ac40	5590	Ant1	36.259
NVNT	ac40	5670	Ant1	36.336
NVNT	ac40	5510	Ant2	36.332
NVNT	ac40	5590	Ant2	36.316
NVNT	ac40	5670	Ant2	36.346
NVNT	ac80	5530	Ant1	75.73
NVNT	ac80	5530	Ant2	75.654
NVNT	ac80	5610	Ant1	75.758
NVNT	ac80	5610	Ant2	75.715
NVNT	n20	5500	Ant1	17.707
NVNT	n20	5600	Ant1	17.727
NVNT	n20	5700	Ant1	17.743
NVNT	n20	5500	Ant2	17.752
NVNT	n20	5600	Ant2	17.718
NVNT	n20	5700	Ant2	17.736
NVNT	n40	5510	Ant1	36.303
NVNT	n40	5590	Ant1	36.305
NVNT	n40	5670	Ant1	36.289
NVNT	n40	5510	Ant2	36.308
NVNT	n40	5590	Ant2	36.294
NVNT	n40	5670	Ant2	36.34

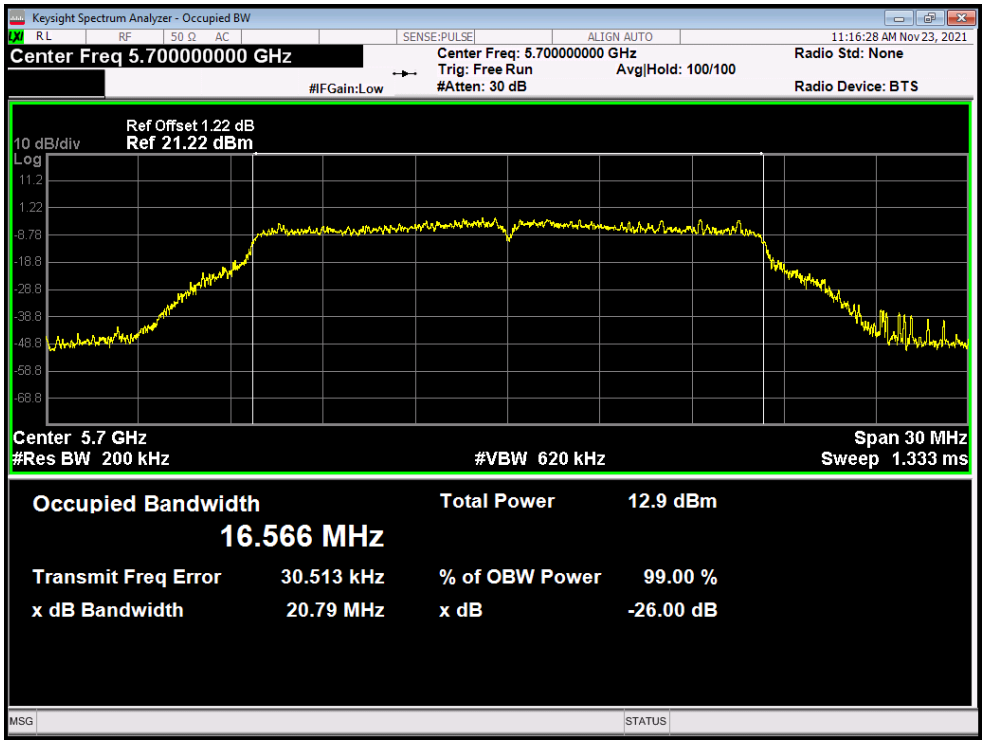
OBW NVNT a 5500MHz Ant1



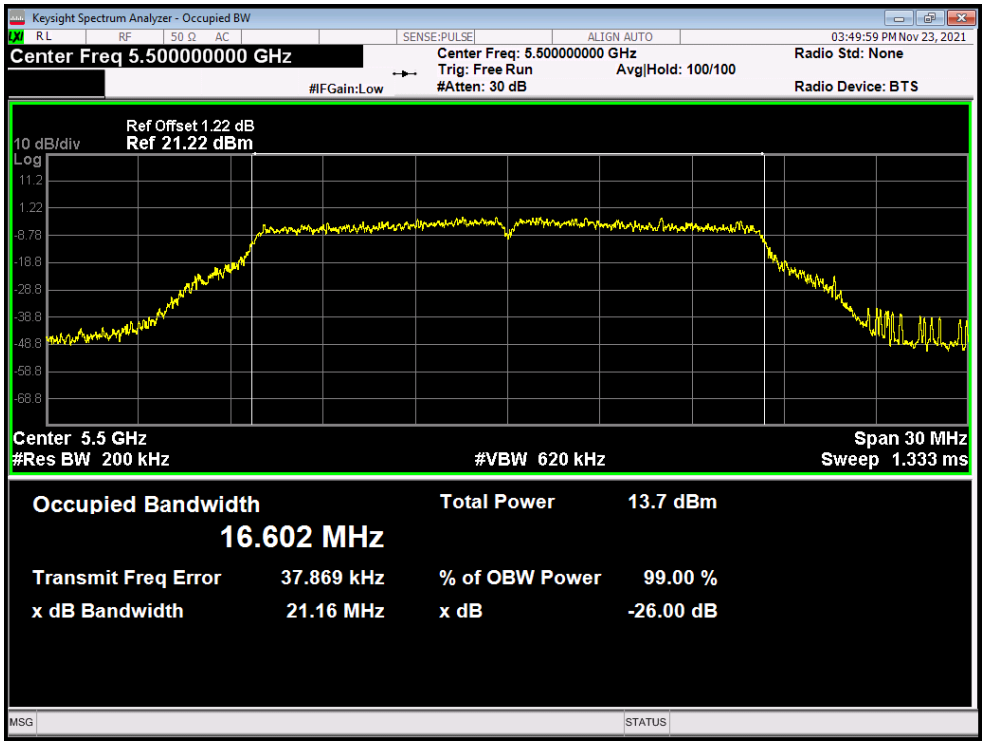
OBW NVNT a 5600MHz Ant1



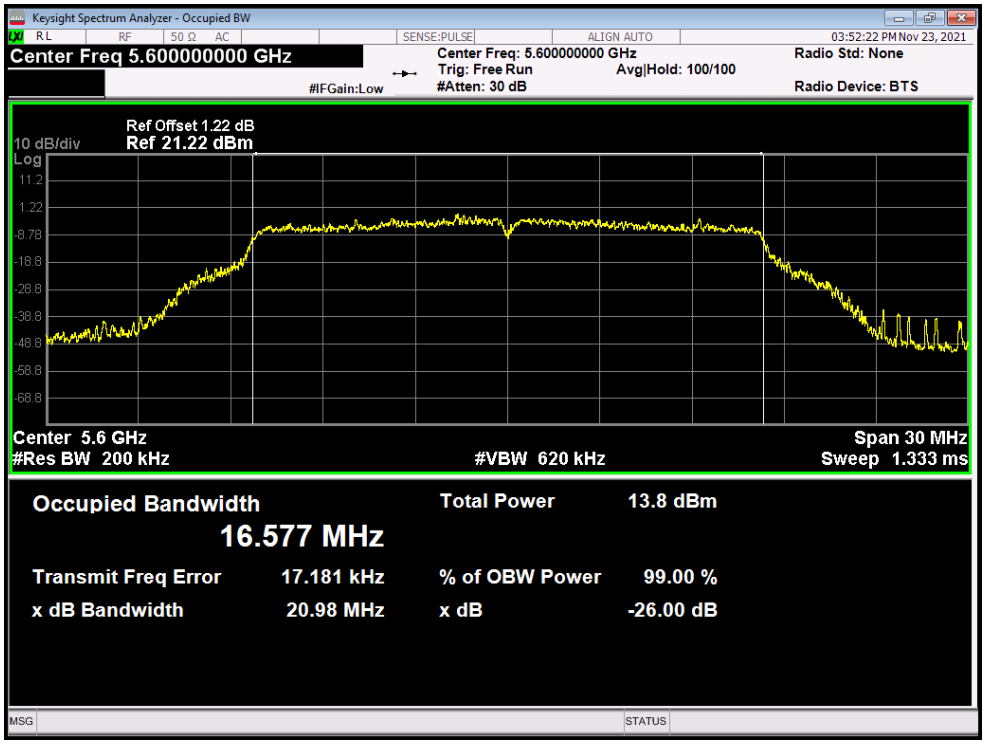
OBW NVNT a 5700MHz Ant1



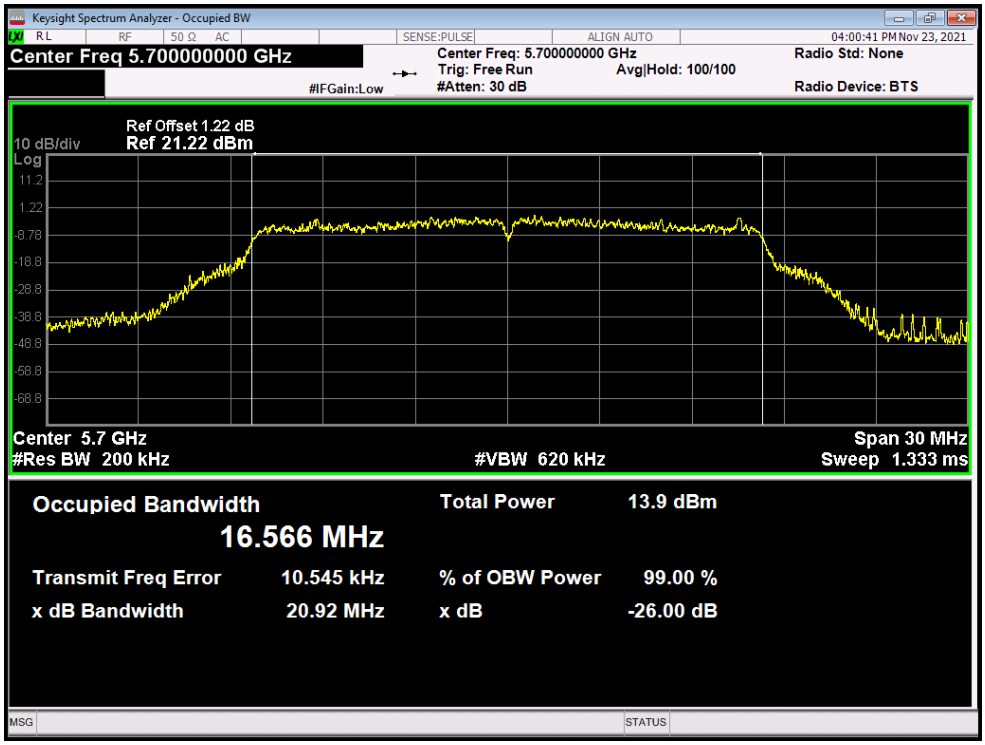
OBW NVNT a 5500MHz Ant2



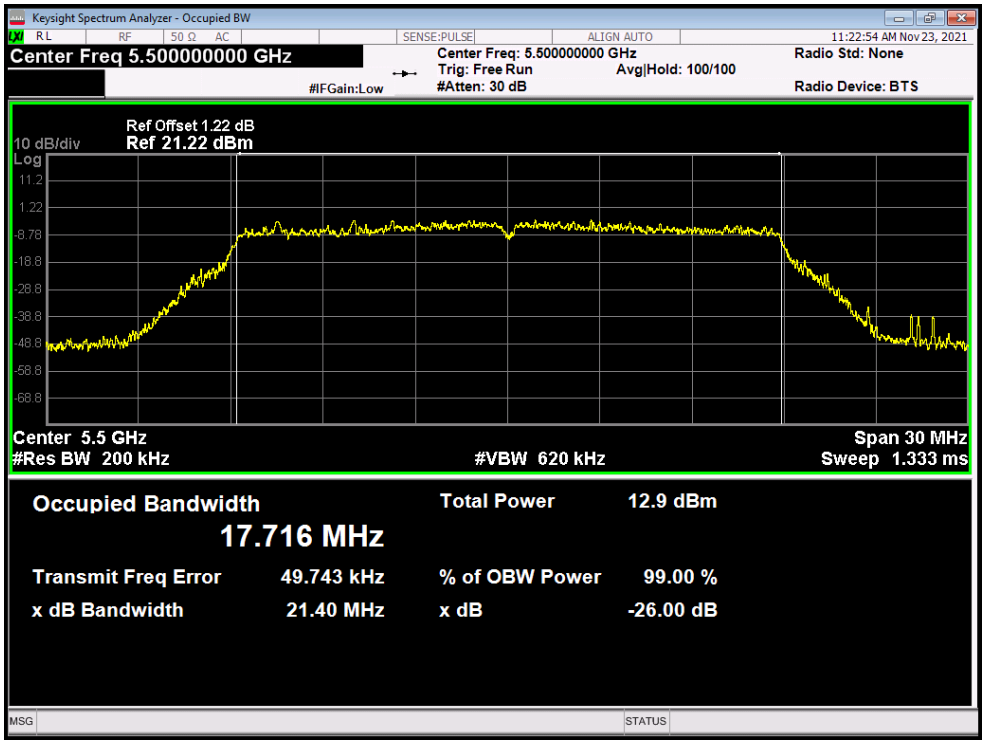
OBW NVNT a 5600MHz Ant2



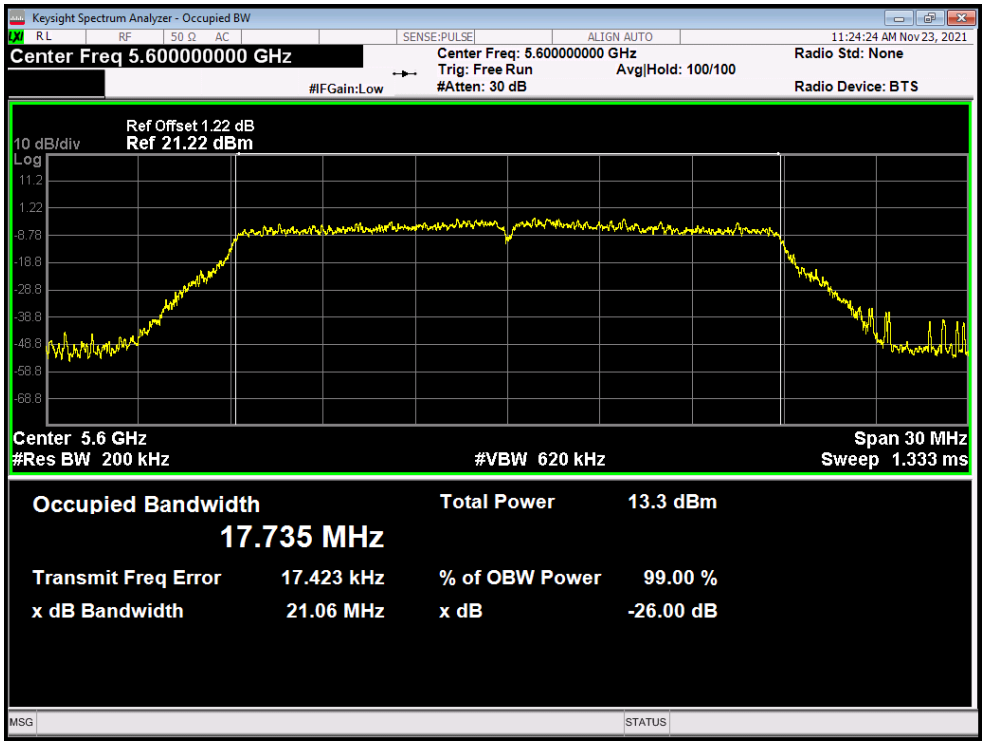
OBW NVNT a 5700MHz Ant2



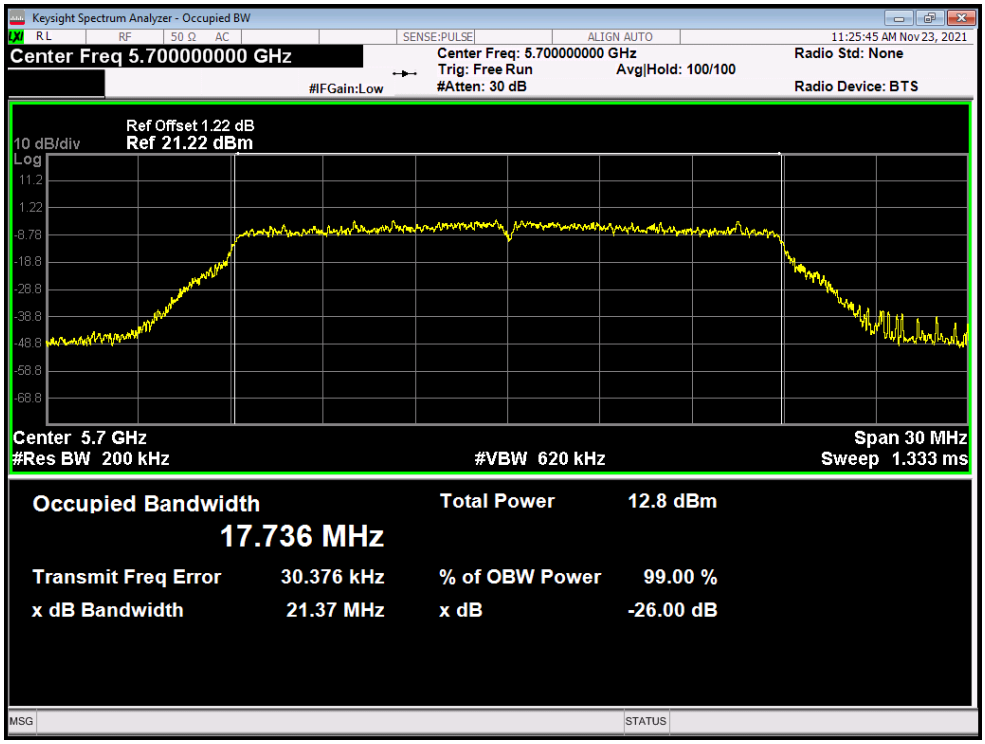
OBW NVNT ac20 5500MHz Ant1



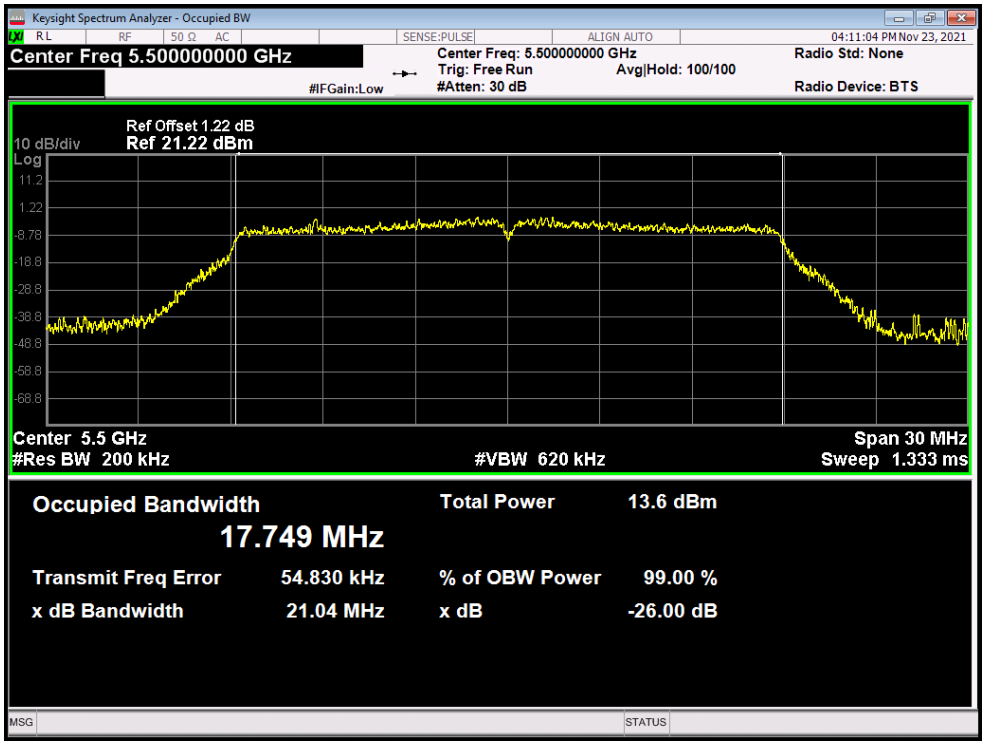
OBW NVNT ac20 5600MHz Ant1



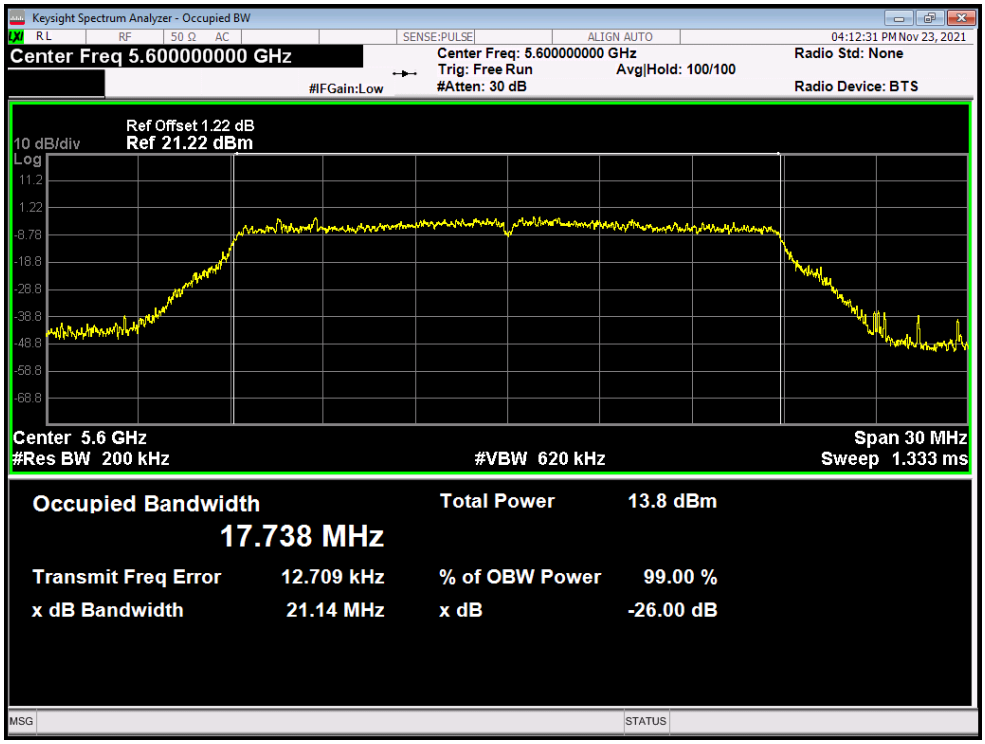
OBW NVNT ac20 5700MHz Ant1



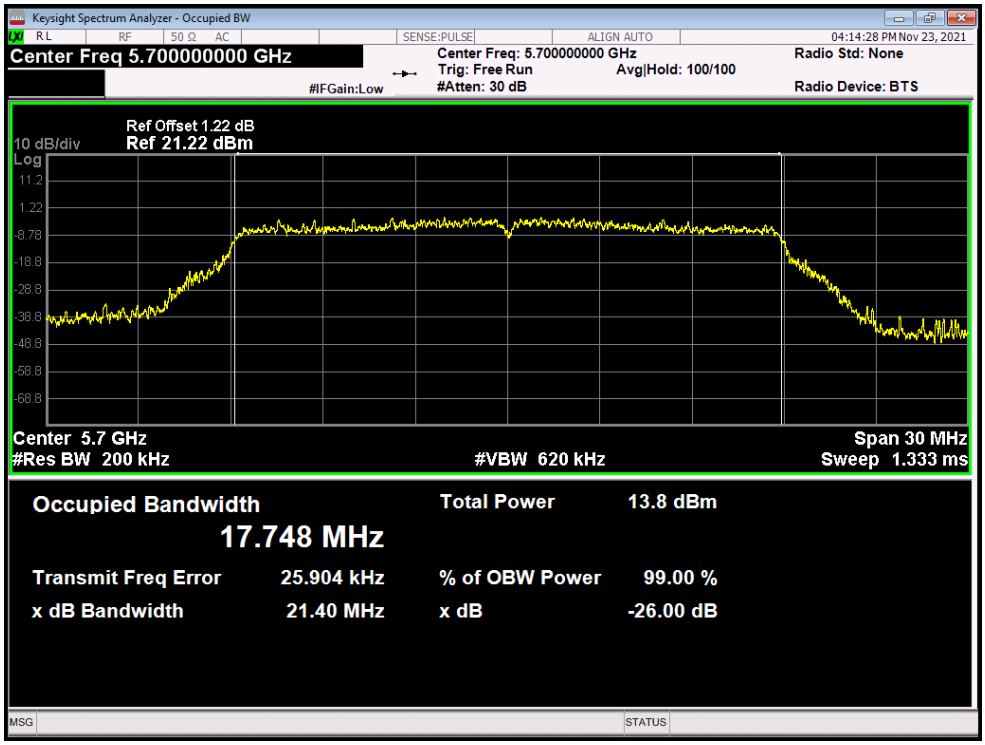
OBW NVNT ac20 5500MHz Ant2



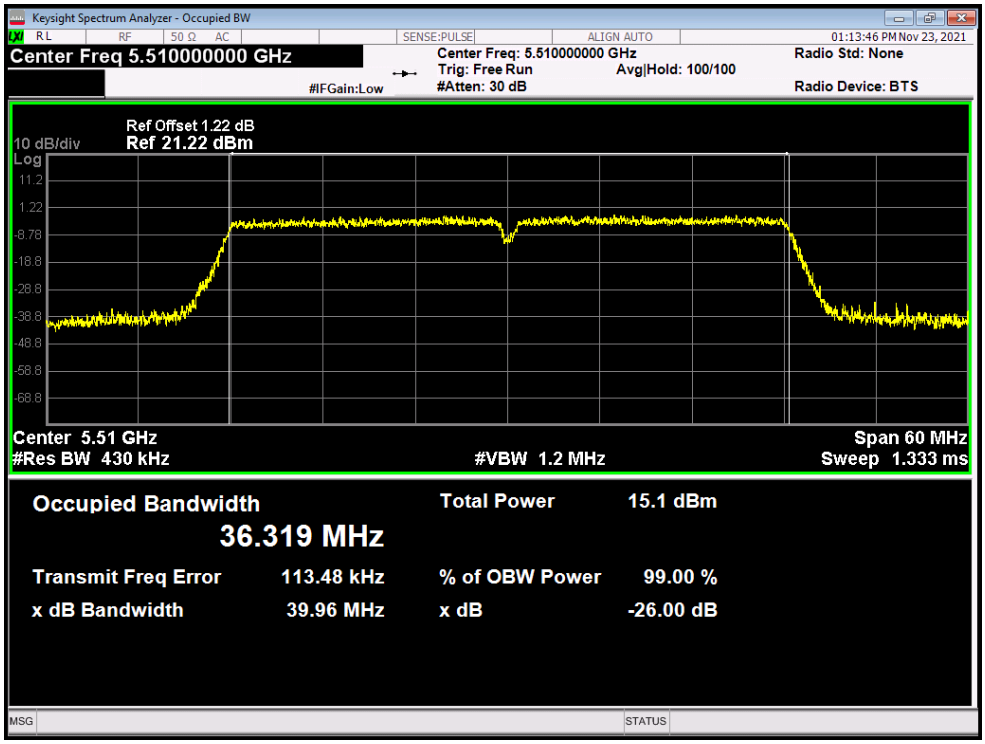
OBW NVNT ac20 5600MHz Ant2



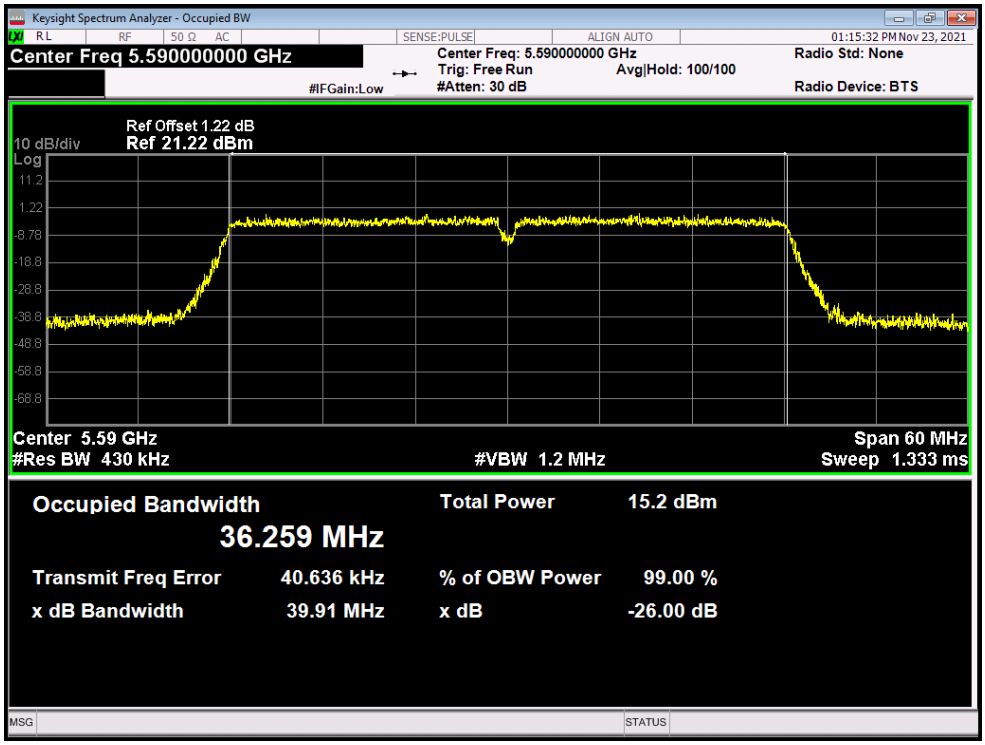
OBW NVNT ac20 5700MHz Ant2



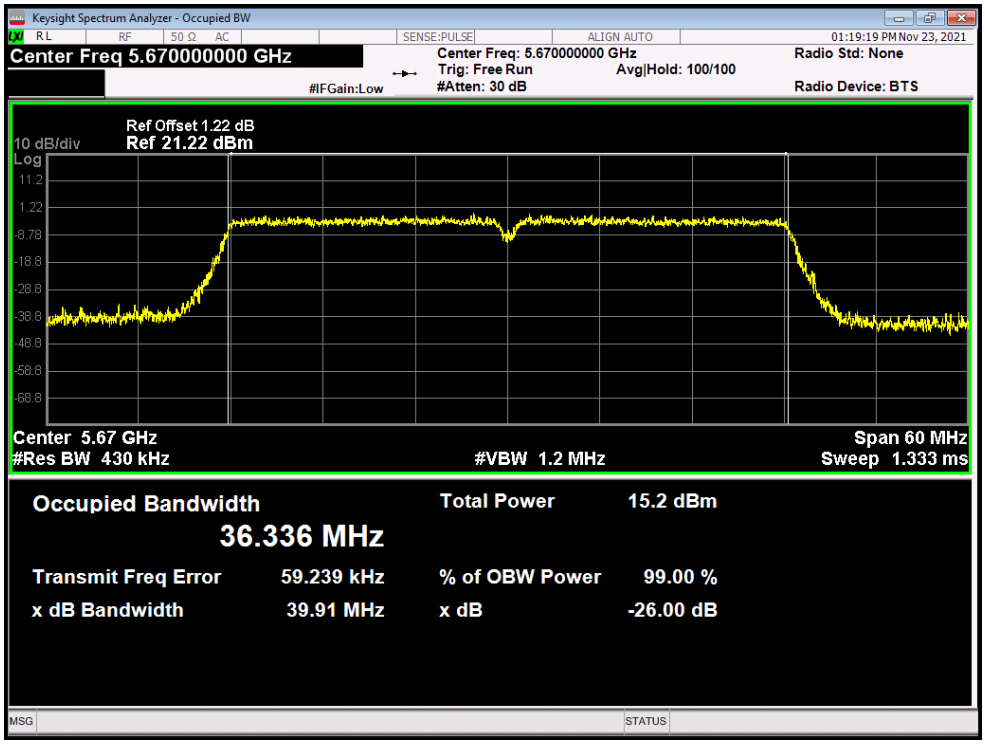
OBW NVNT ac40 5510MHz Ant1



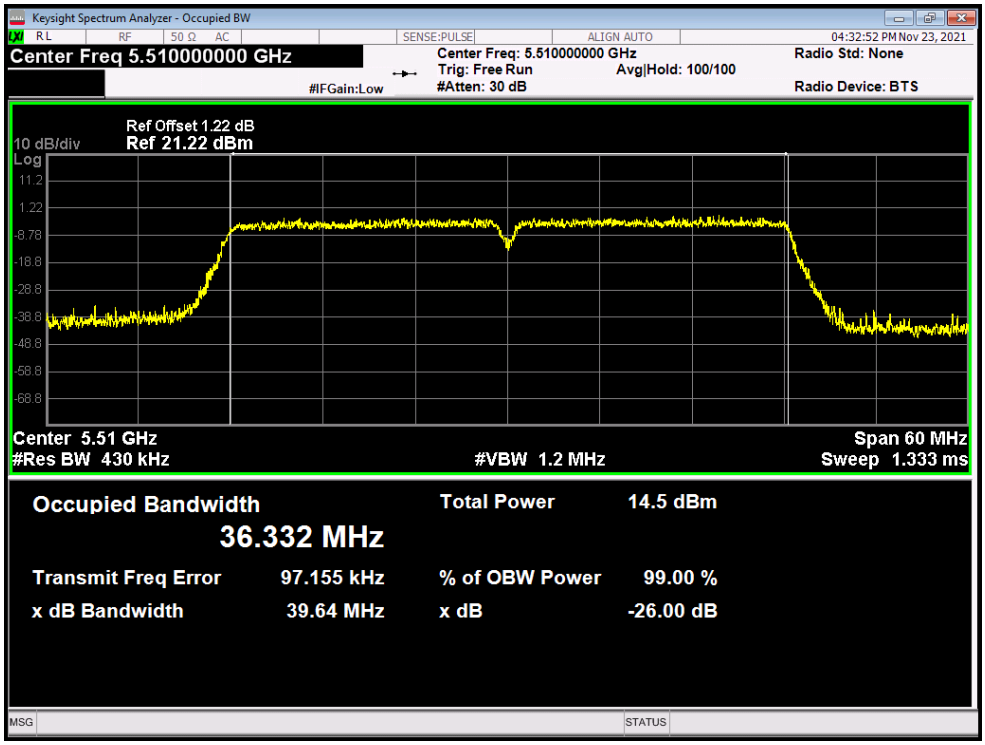
OBW NVNT ac40 5590MHz Ant1



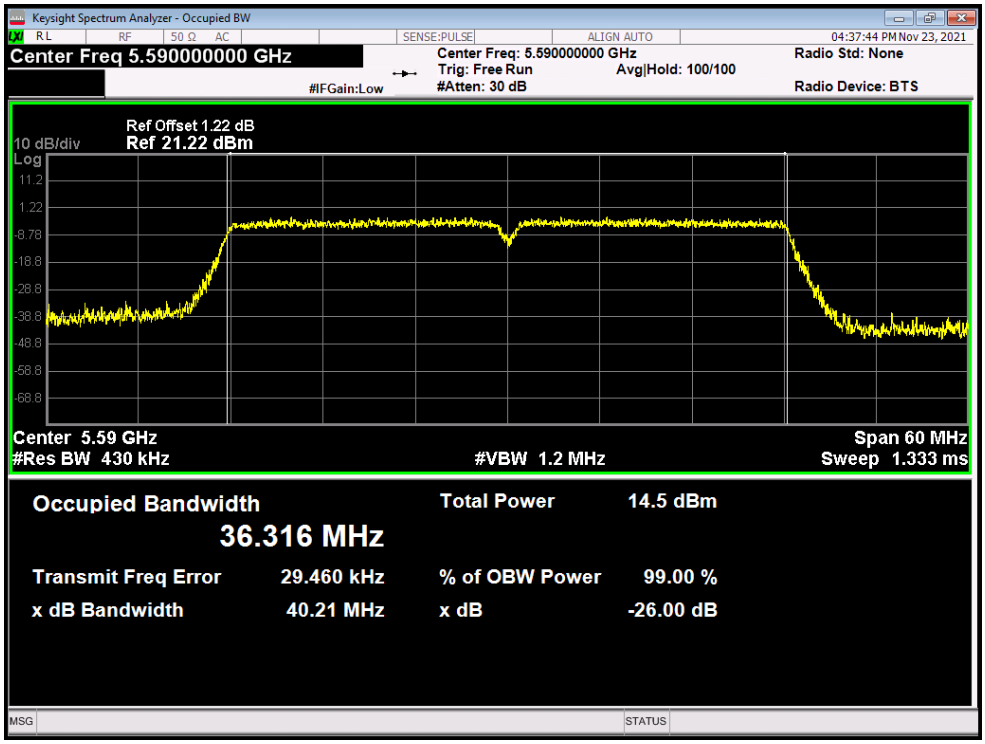
OBW NVNT ac40 5670MHz Ant1



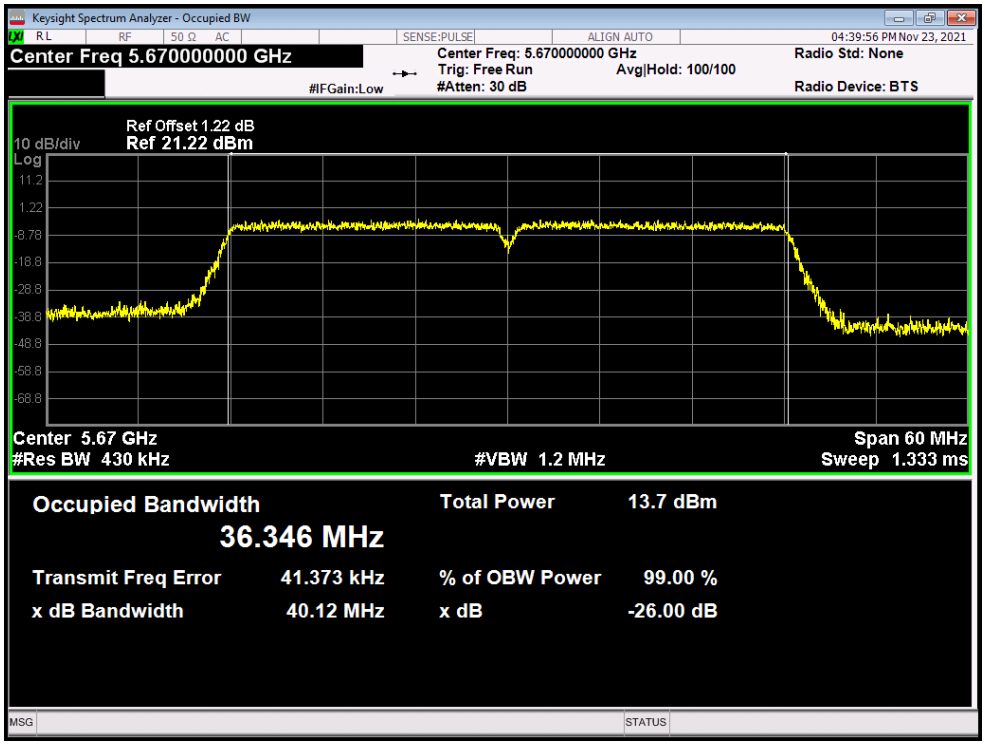
OBW NVNT ac40 5510MHz Ant2



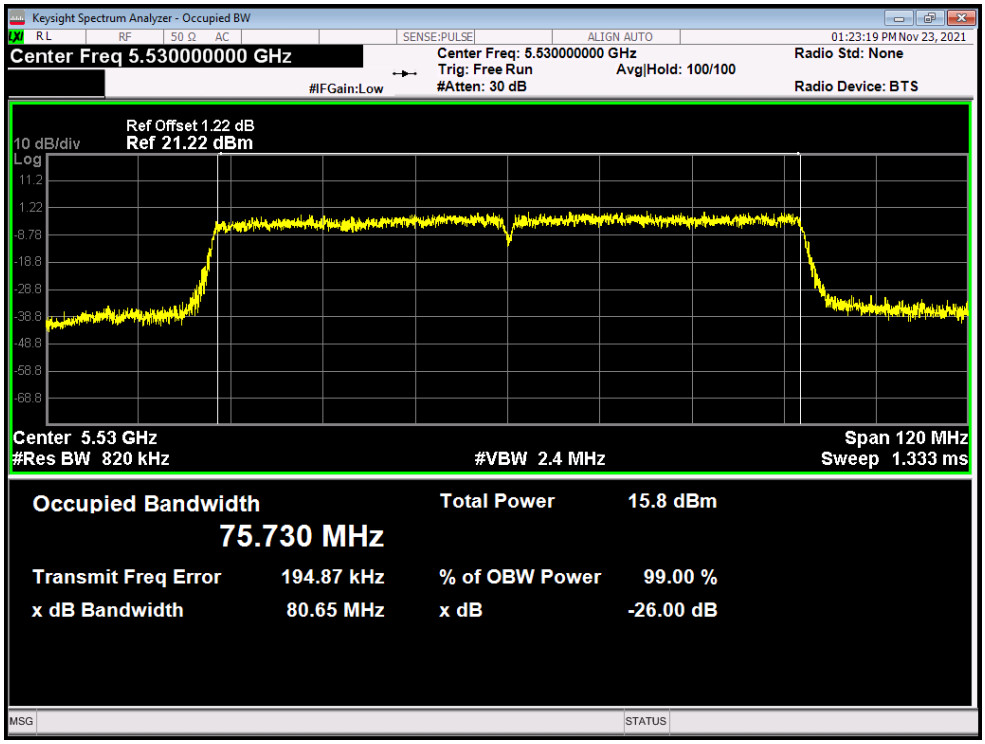
OBW NVNT ac40 5590MHz Ant2



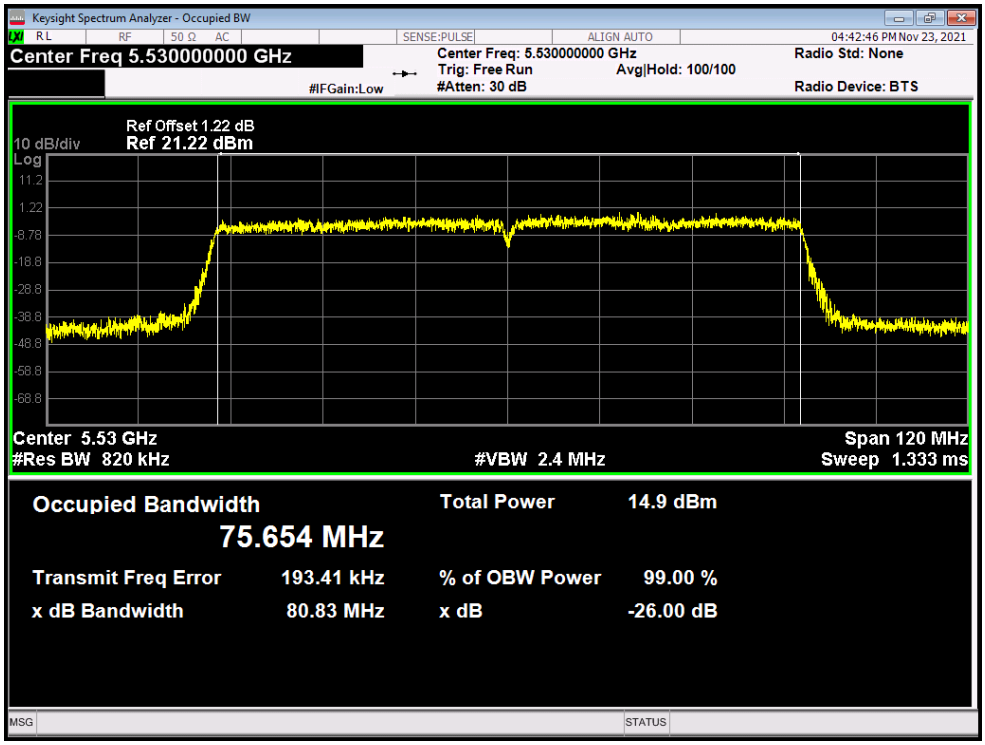
OBW NVNT ac40 5670MHz Ant2



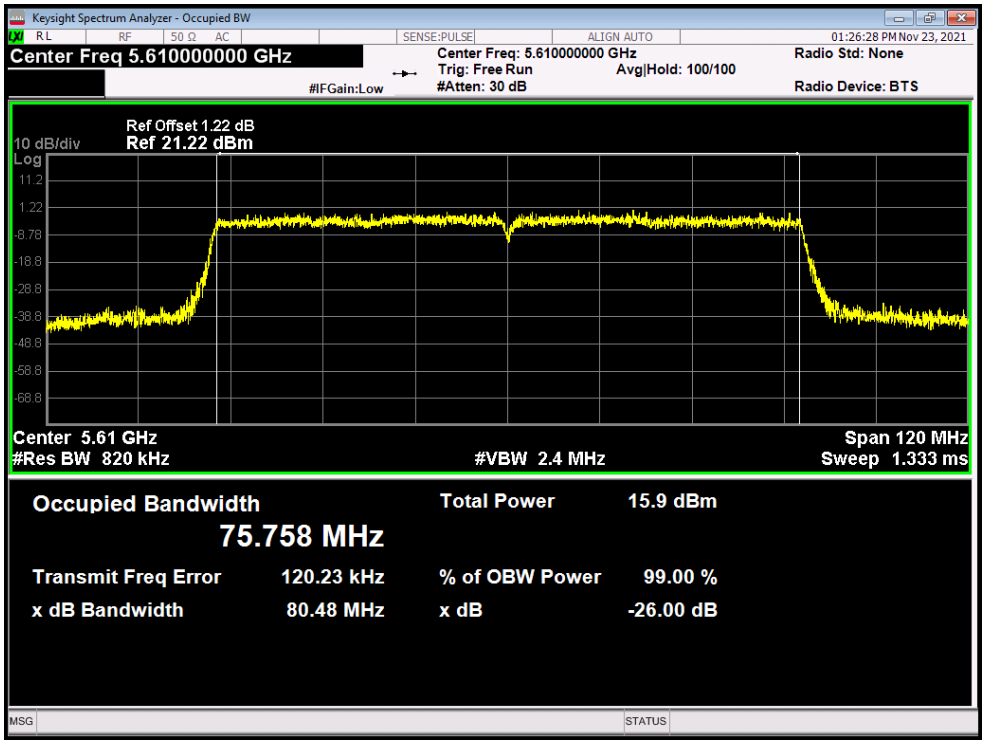
OBW NVNT ac80 5530MHz Ant1



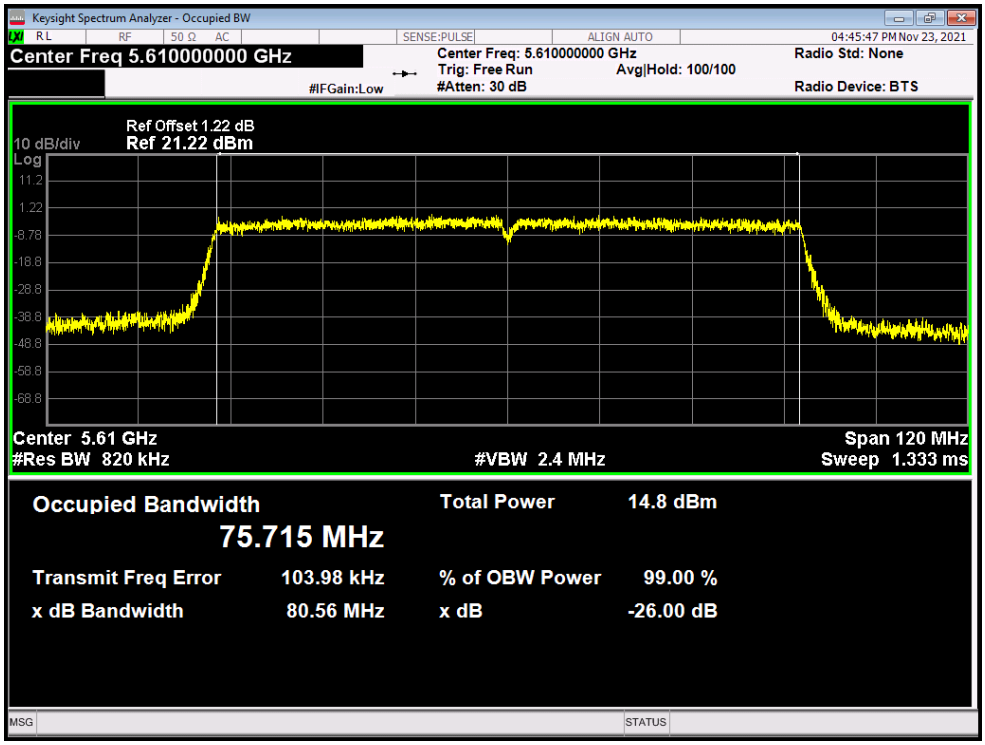
OBW NVNT ac80 5530MHz Ant2



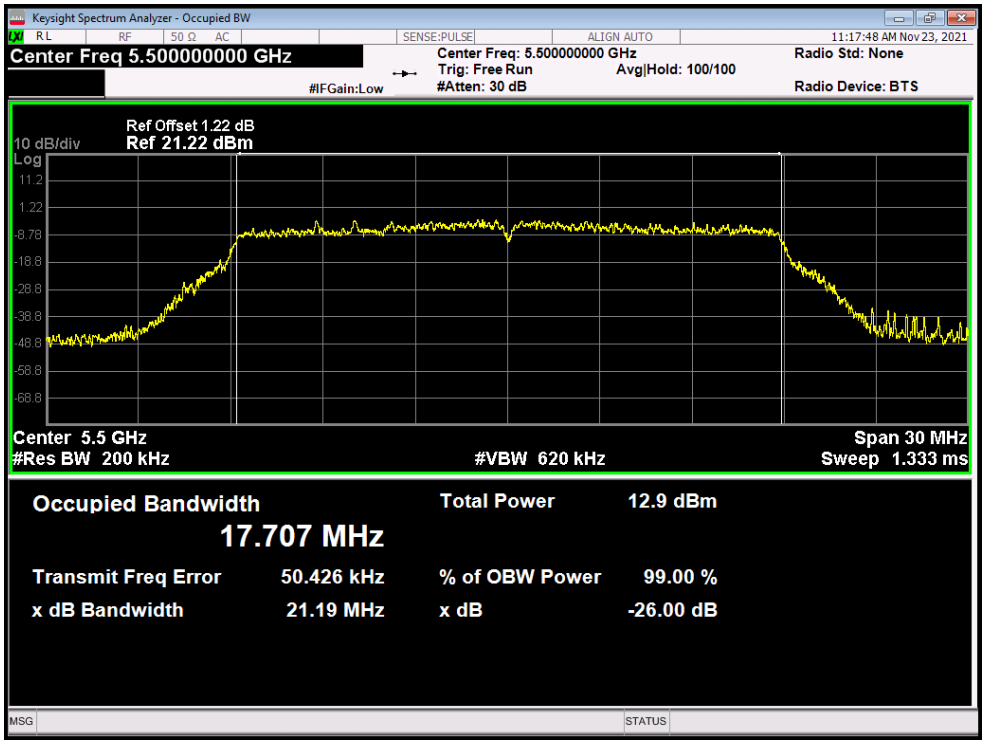
OBW NVNT ac80 5610MHz Ant1



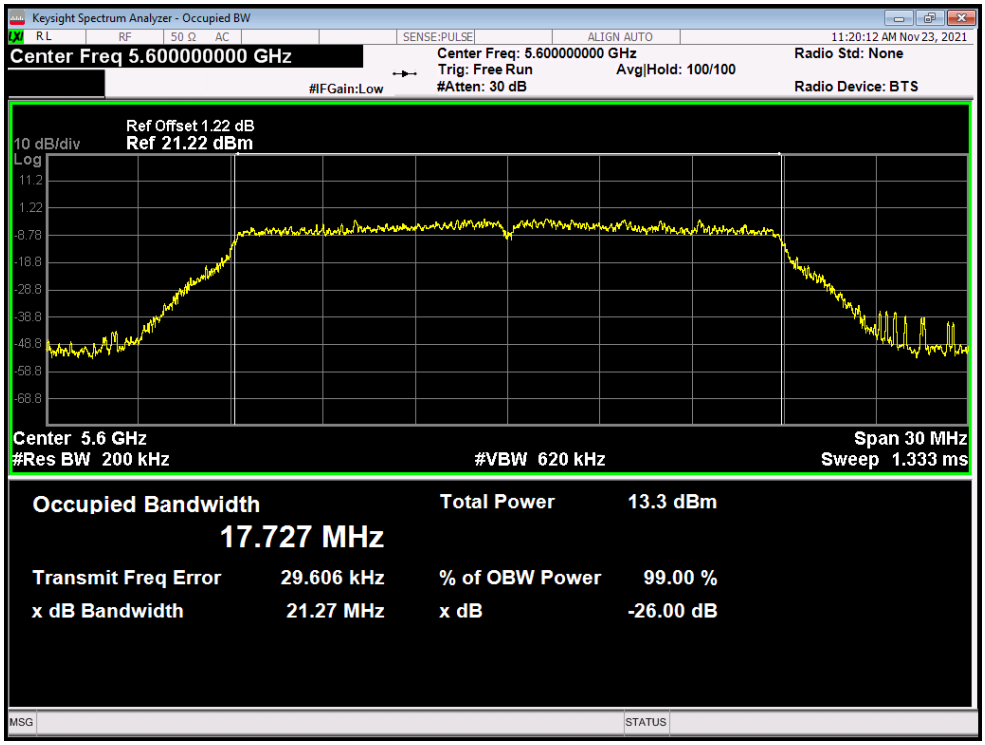
OBW NVNT ac80 5610MHz Ant2



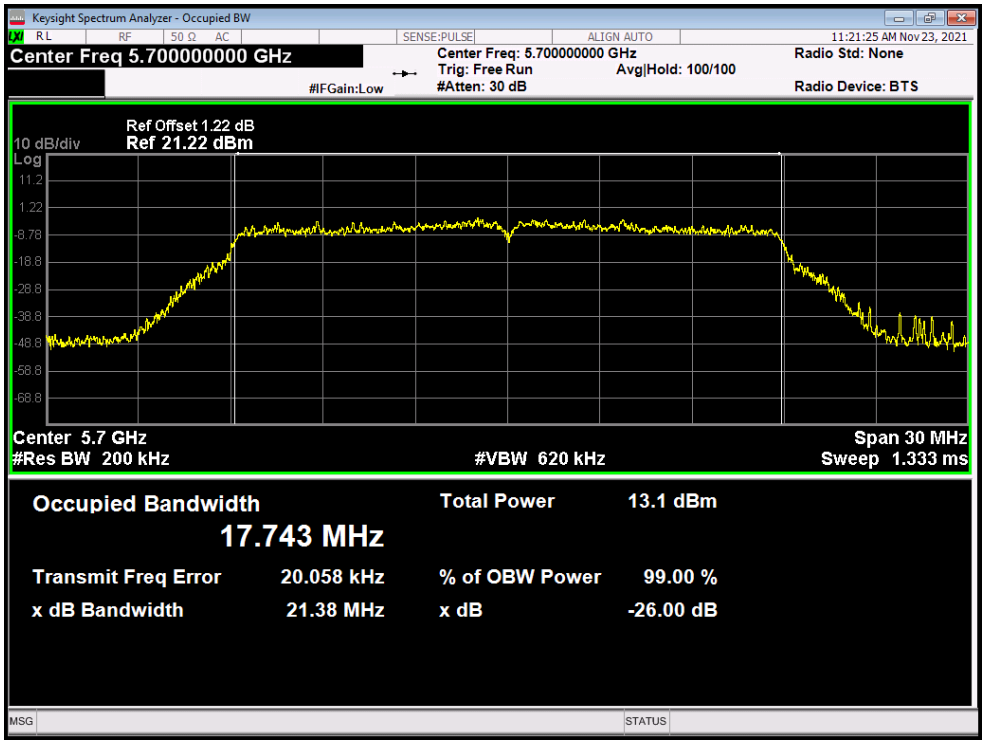
OBW NVNT n20 5500MHz Ant1



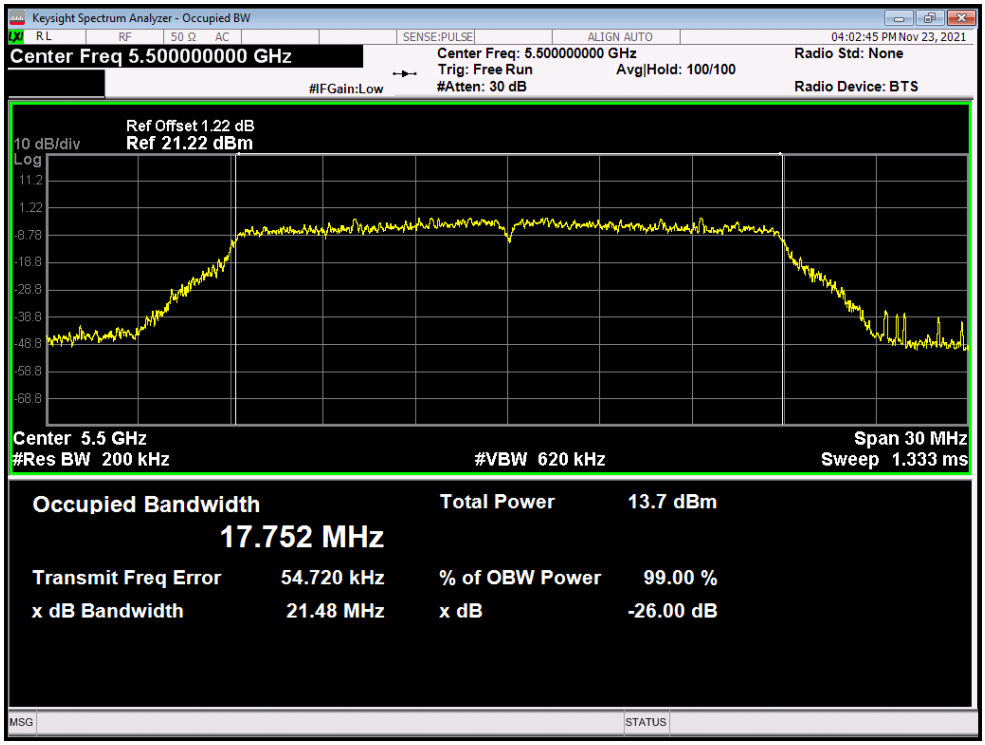
OBW NVNT n20 5600MHz Ant1



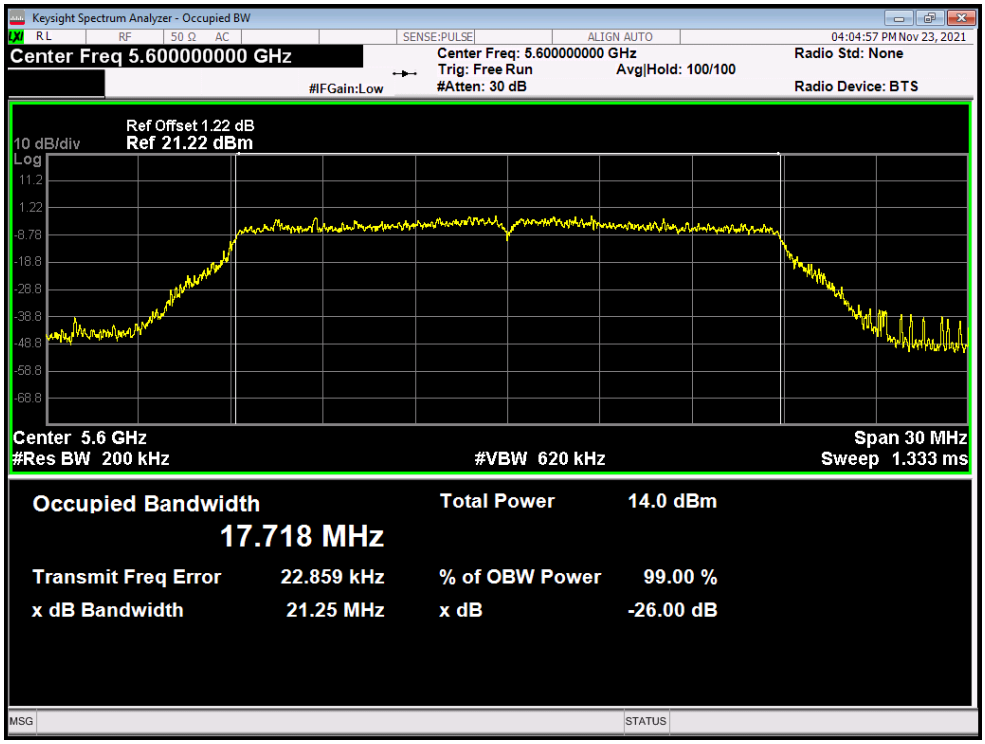
OBW NVNT n20 5700MHz Ant1



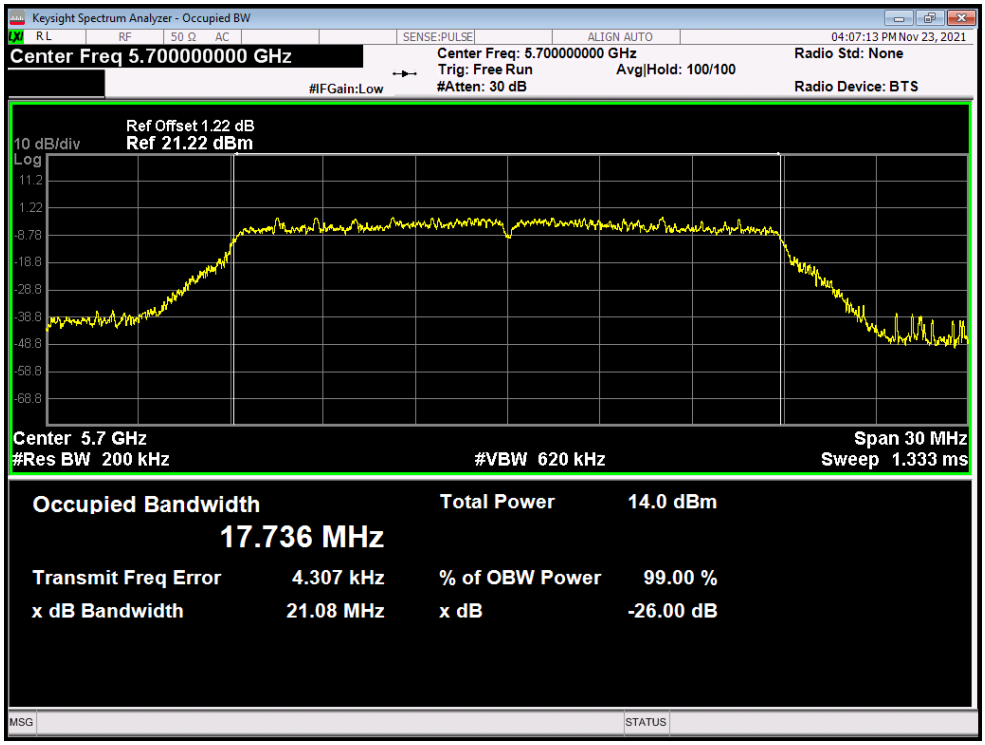
OBW NVNT n20 5500MHz Ant2



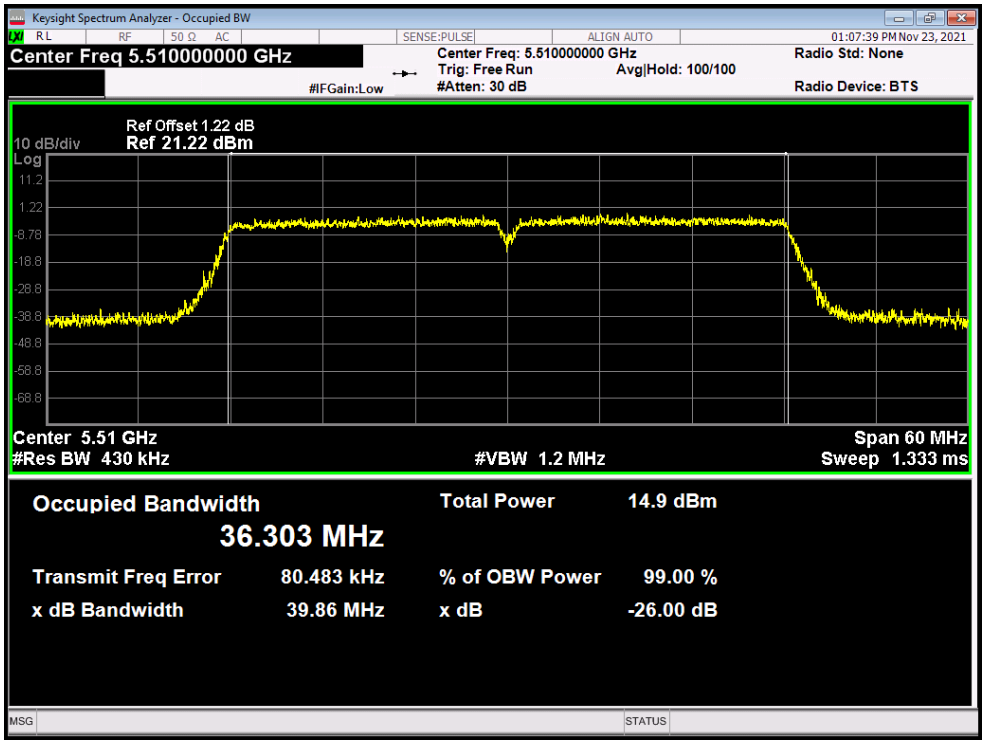
OBW NVNT n20 5600MHz Ant2



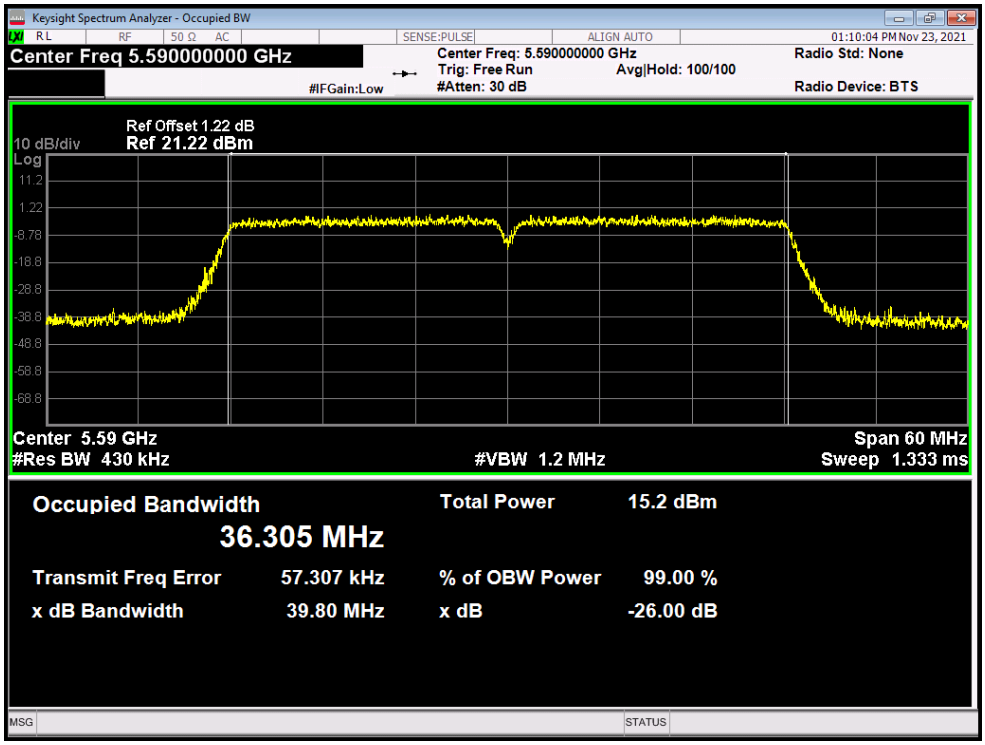
OBW NVNT n20 5700MHz Ant2



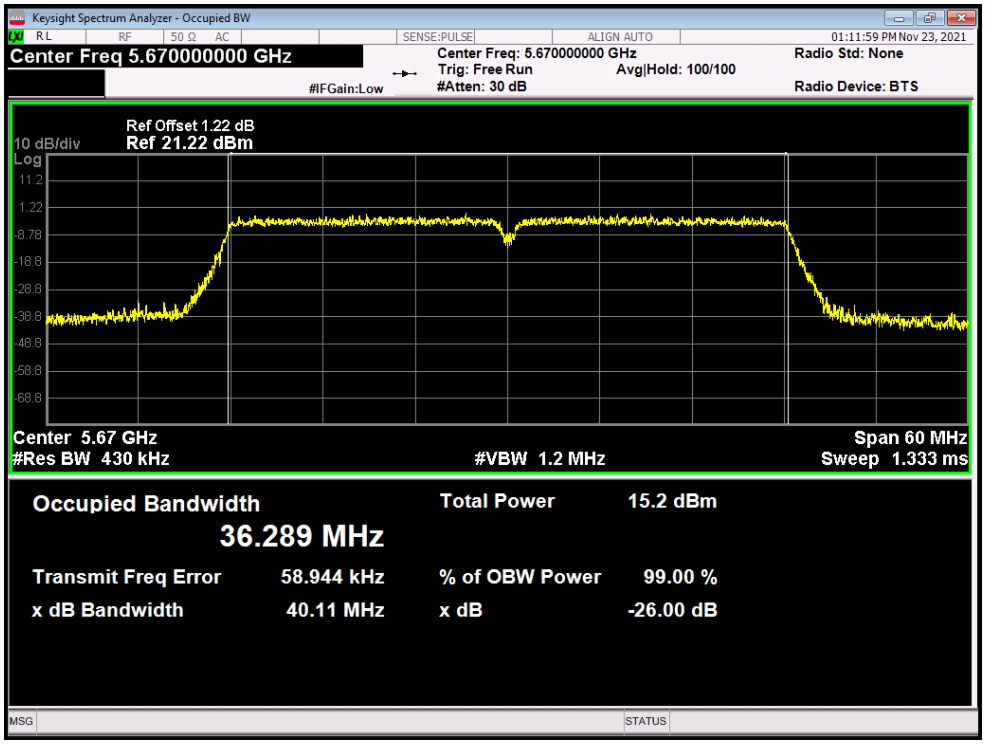
OBW NVNT n40 5510MHz Ant1



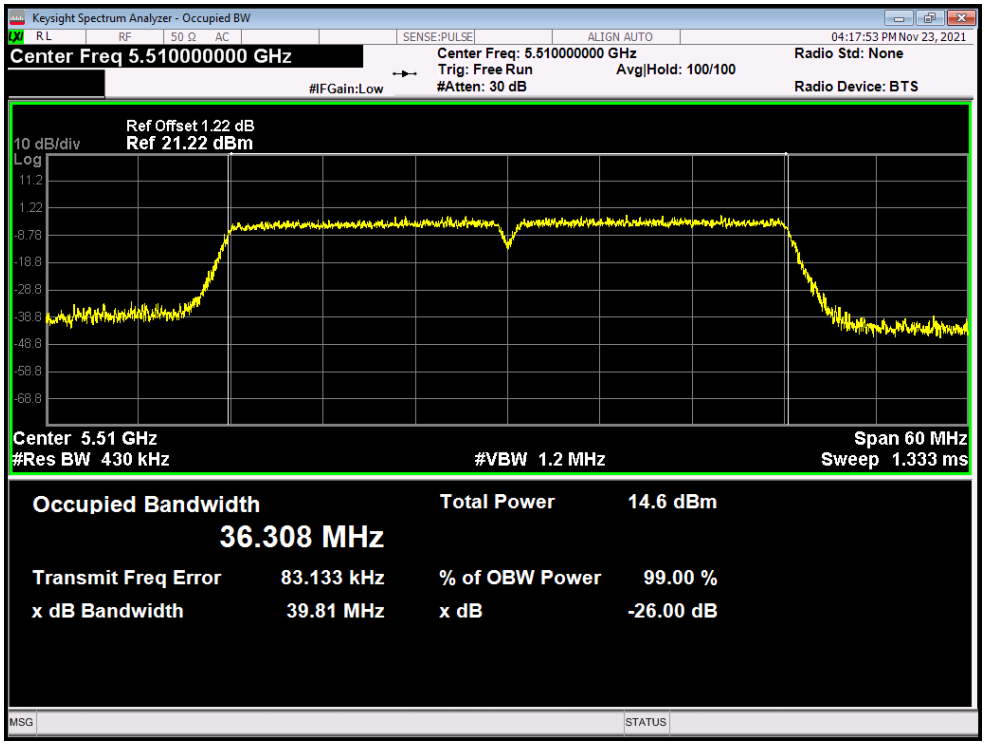
OBW NVNT n40 5590MHz Ant1



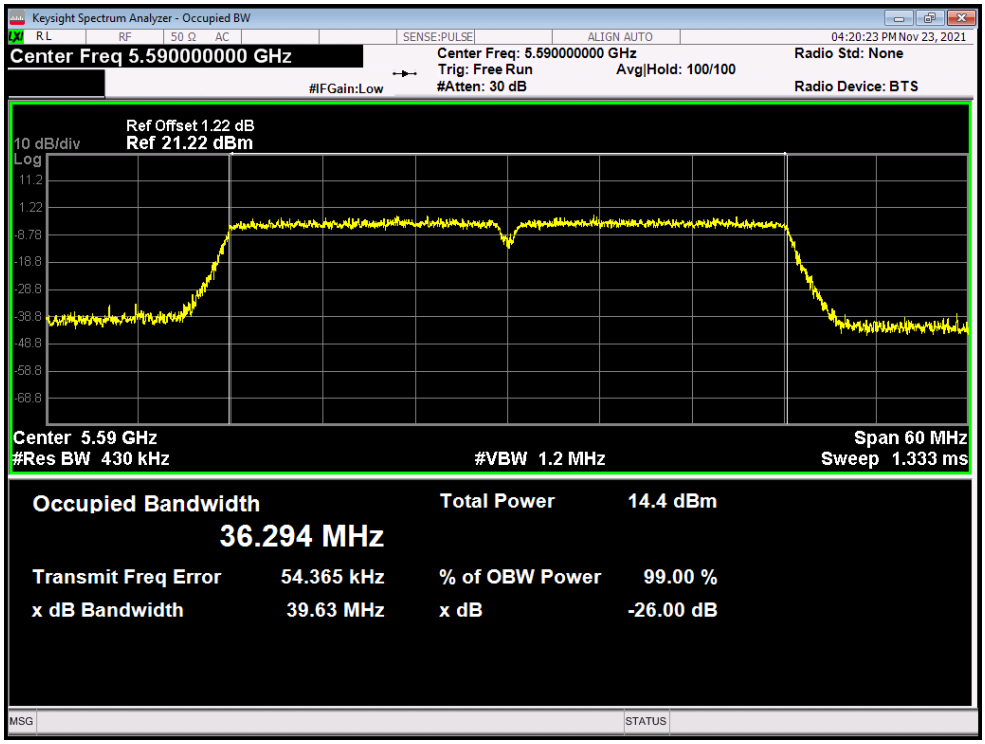
OBW NVNT n40 5670MHz Ant1



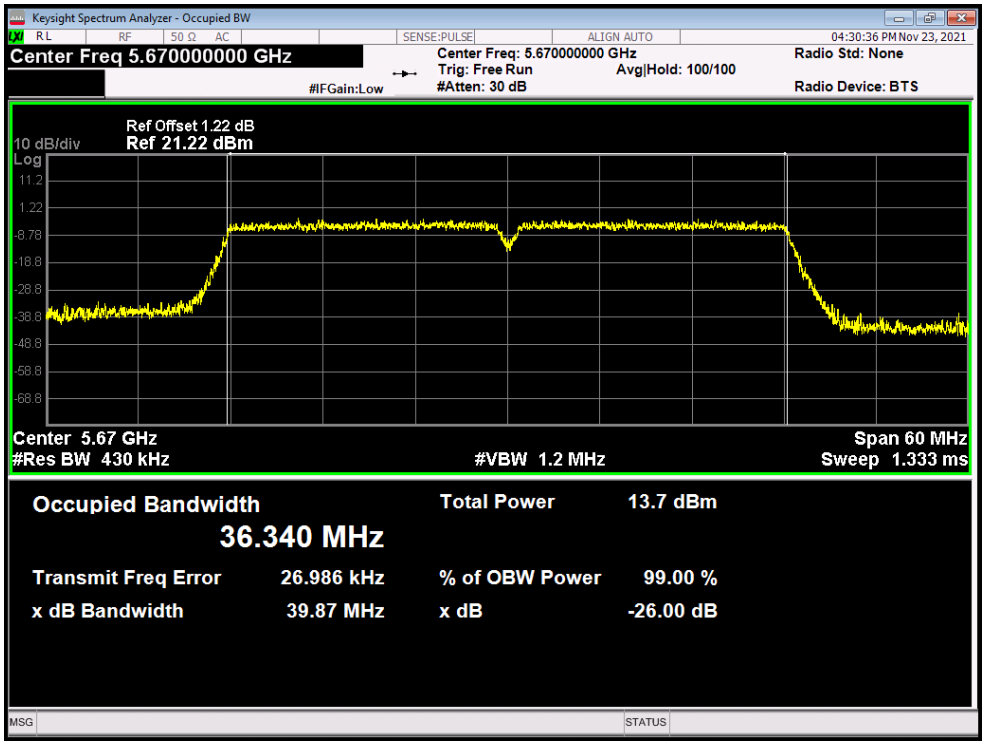
OBW NVNT n40 5510MHz Ant2



OBW NVNT n40 5590MHz Ant2



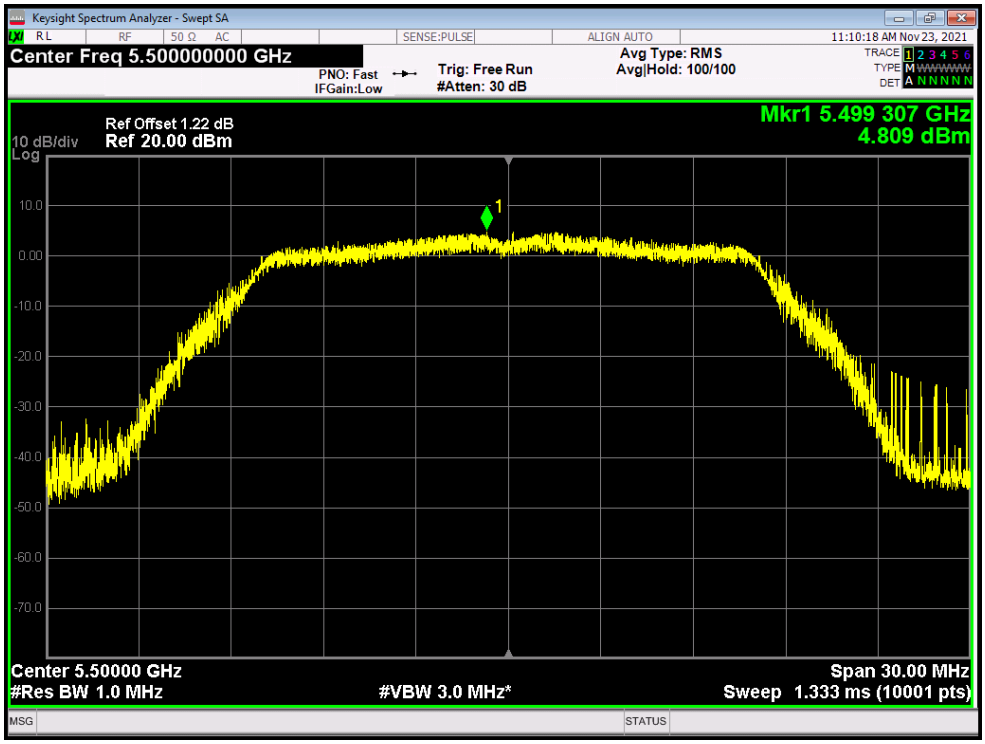
OBW NVNT n40 5670MHz Ant2



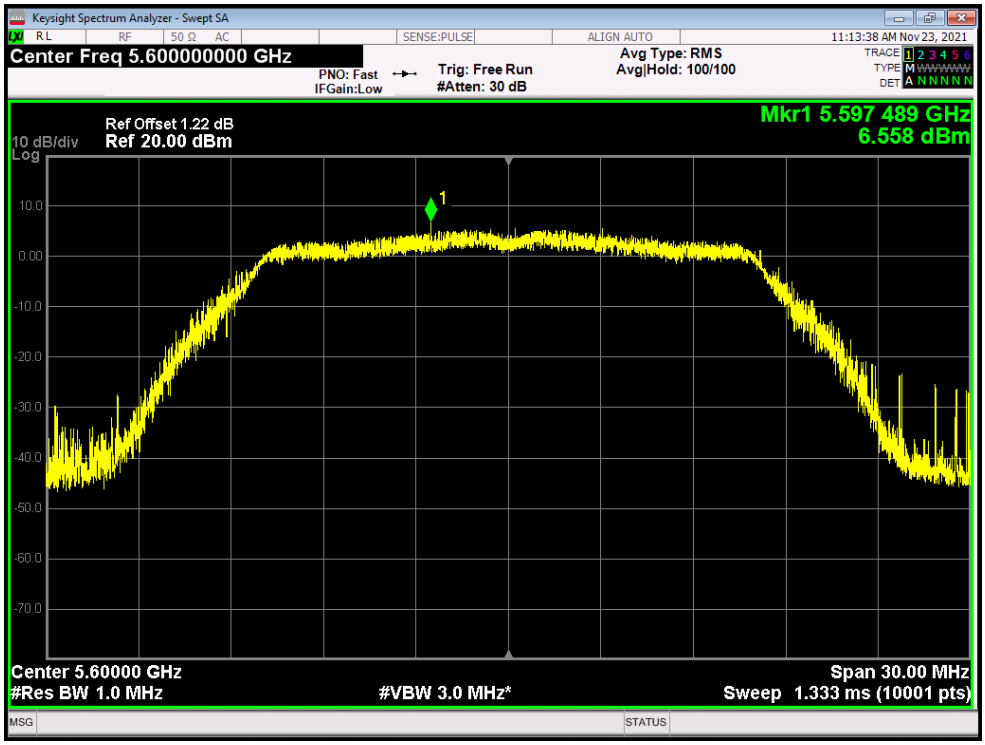
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	4.809	11	Pass
NVNT	a	5600	Ant1	6.558	11	Pass
NVNT	a	5700	Ant1	5.022	11	Pass
NVNT	a	5500	Ant2	6.869	11	Pass
NVNT	a	5600	Ant2	5.834	11	Pass
NVNT	a	5700	Ant2	5.918	11	Pass
NVNT	ac20	5500	Ant1	4.638	11	Pass
NVNT	ac20	5600	Ant1	4.822	11	Pass
NVNT	ac20	5700	Ant1	4.972	11	Pass
NVNT	ac20	5500	Ant2	5.408	11	Pass
NVNT	ac20	5600	Ant2	5.568	11	Pass
NVNT	ac20	5700	Ant2	5.215	11	Pass
NVNT	ac40	5510	Ant1	3.494	11	Pass
NVNT	ac40	5590	Ant1	3.937	11	Pass
NVNT	ac40	5670	Ant1	3.174	11	Pass
NVNT	ac40	5510	Ant2	2.78	11	Pass
NVNT	ac40	5590	Ant2	2.852	11	Pass
NVNT	ac40	5670	Ant2	1.816	11	Pass
NVNT	ac80	5530	Ant1	1.106	11	Pass
NVNT	ac80	5530	Ant2	1.235	11	Pass
NVNT	ac80	5610	Ant1	-10.199	11	Pass
NVNT	ac80	5610	Ant2	-10.934	11	Pass
NVNT	n20	5500	Ant1	4.728	11	Pass
NVNT	n20	5600	Ant1	4.917	11	Pass
NVNT	n20	5700	Ant1	5.526	11	Pass
NVNT	n20	5500	Ant2	5.435	11	Pass
NVNT	n20	5600	Ant2	6.699	11	Pass
NVNT	n20	5700	Ant2	5.395	11	Pass
NVNT	n40	5510	Ant1	2.725	11	Pass
NVNT	n40	5590	Ant1	3.381	11	Pass
NVNT	n40	5670	Ant1	3.38	11	Pass
NVNT	n40	5510	Ant2	3.038	11	Pass
NVNT	n40	5590	Ant2	2.539	11	Pass
NVNT	n40	5670	Ant2	1.525	11	Pass

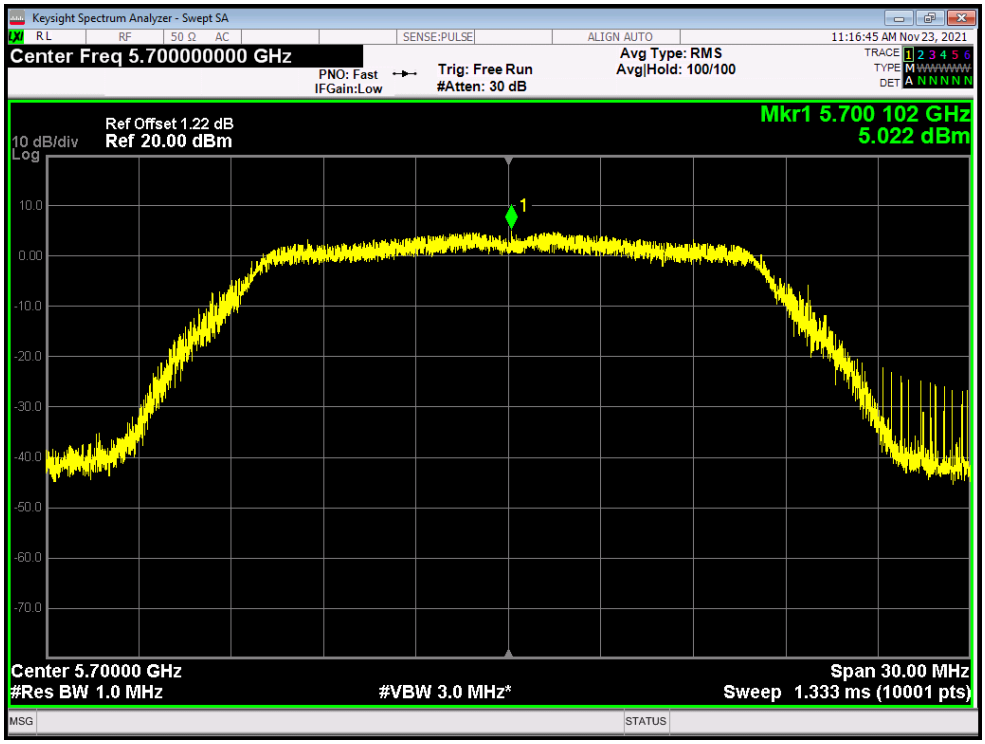
PSD NVNT a 5500MHz Ant1



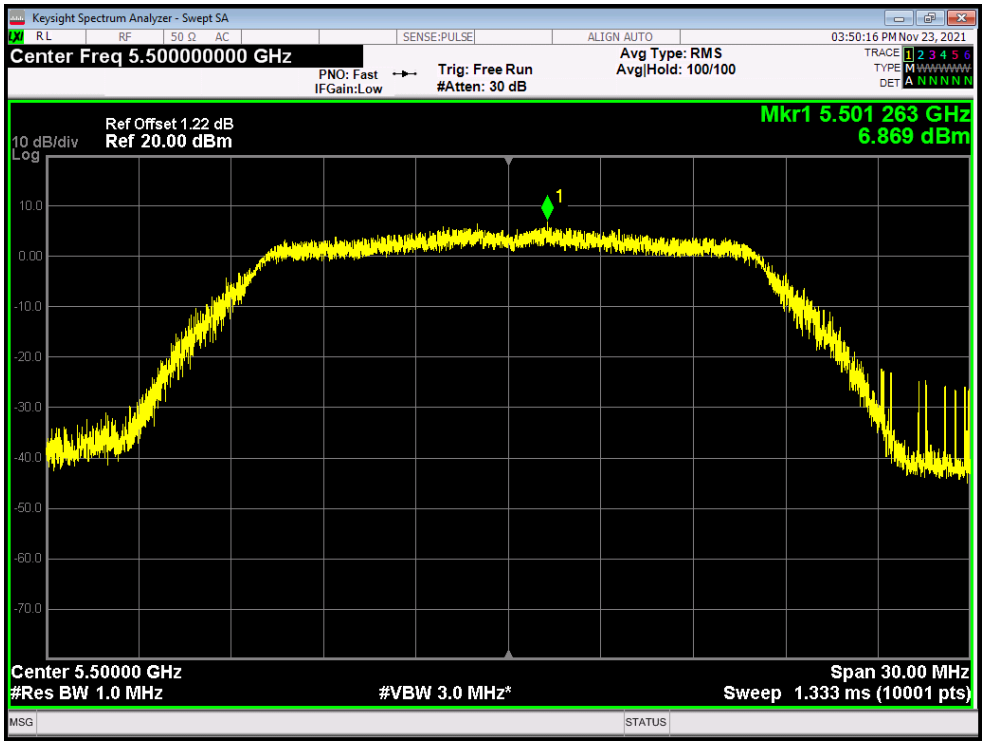
PSD NVNT a 5600MHz Ant1



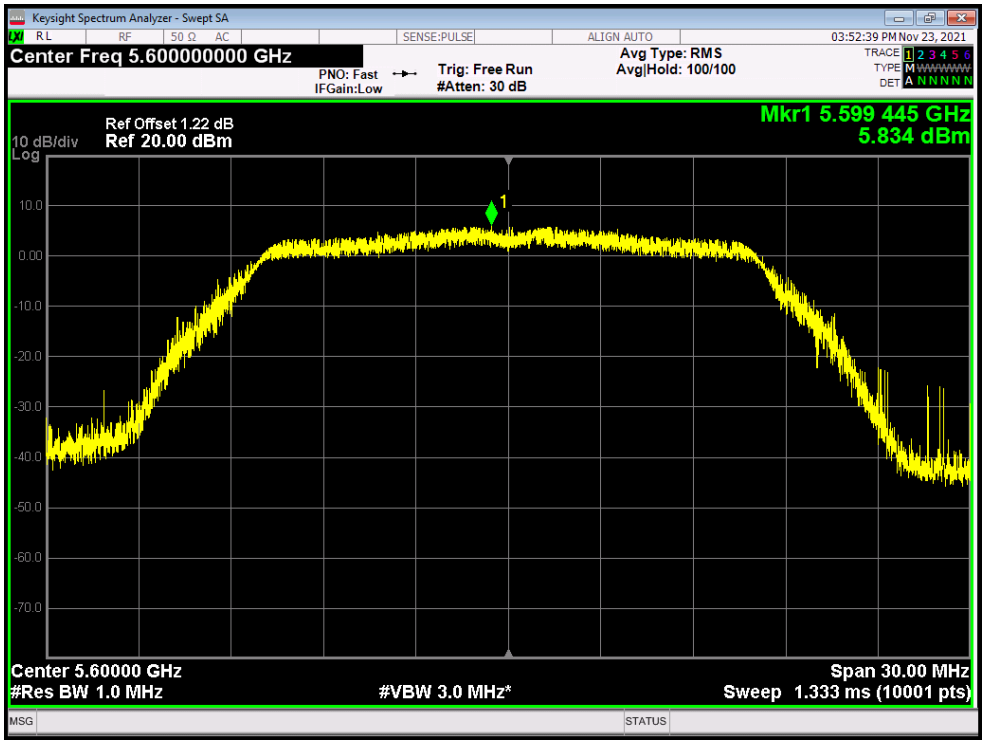
PSD NVNT a 5700MHz Ant1



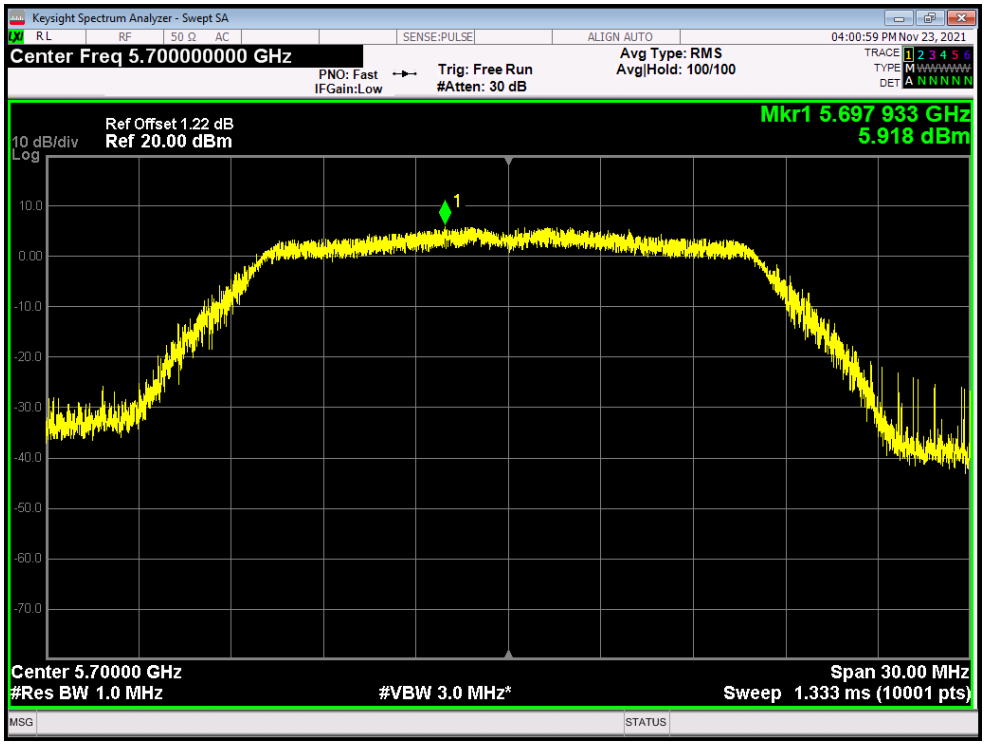
PSD NVNT a 5500MHz Ant2



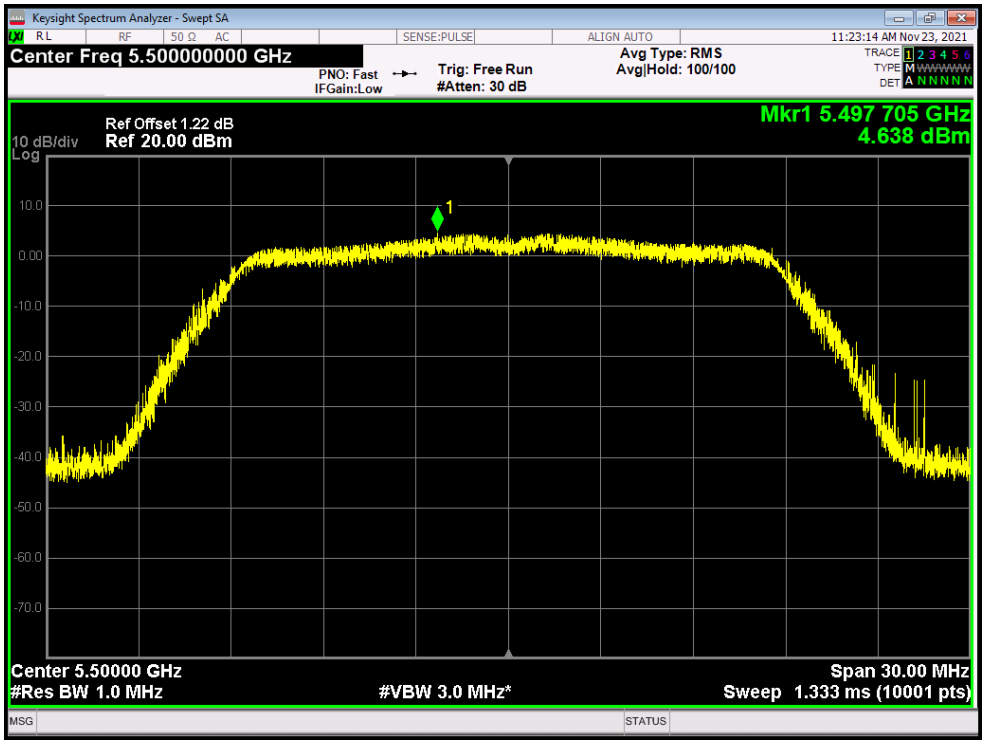
PSD NVNT a 5600MHz Ant2



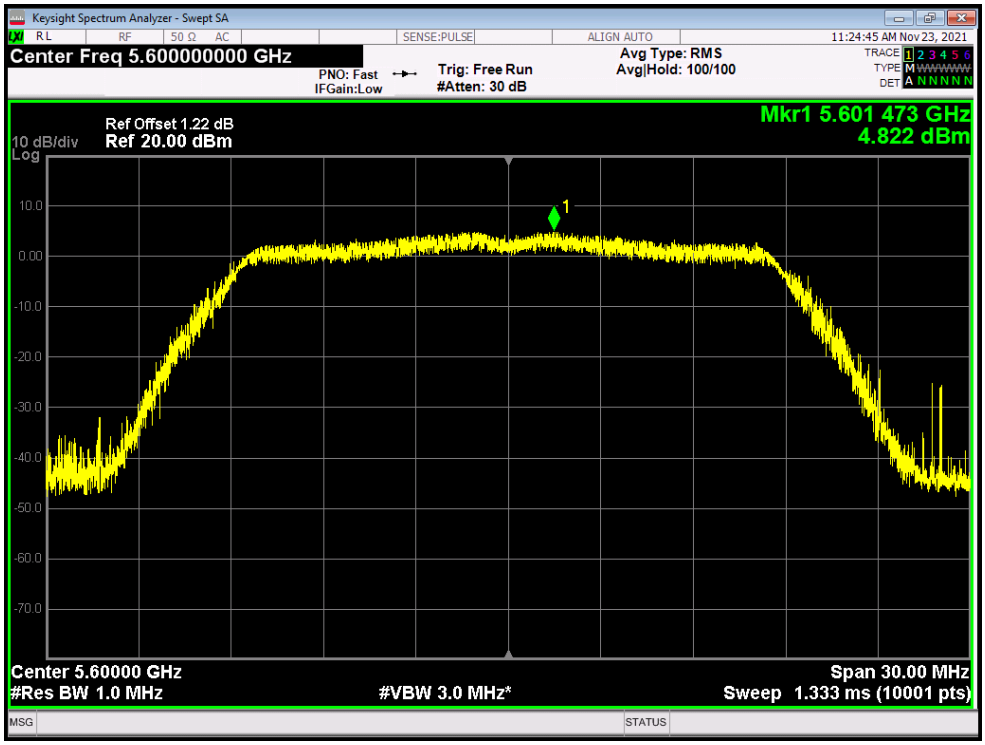
PSD NVNT a 5700MHz Ant2



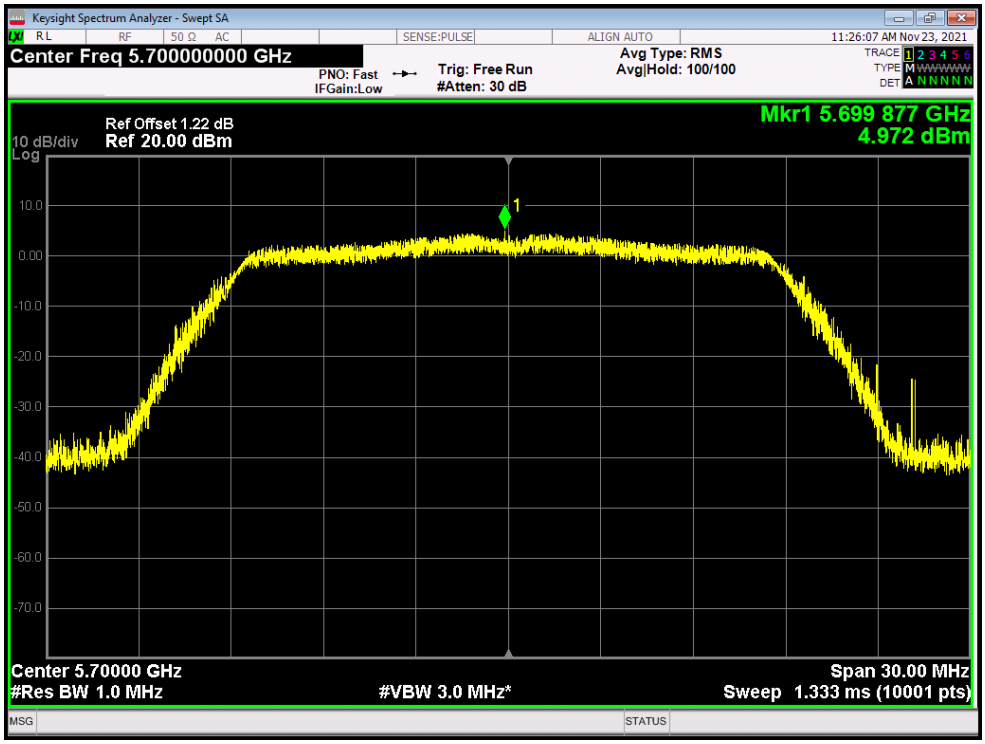
PSD NVNT ac20 5500MHz Ant1



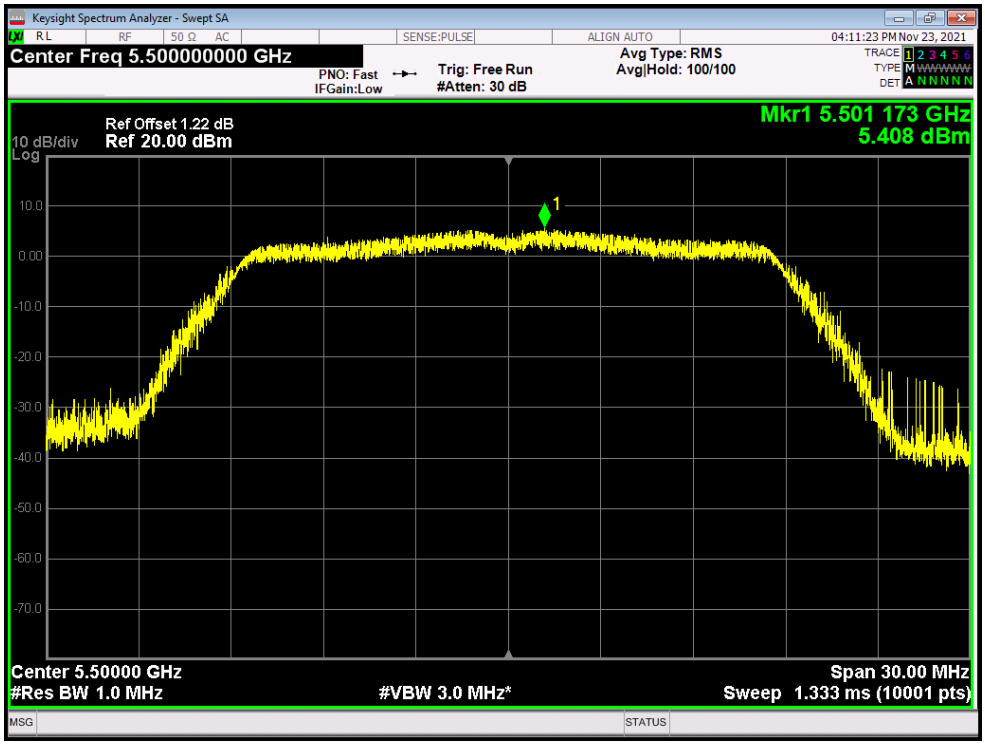
PSD NVNT ac20 5600MHz Ant1



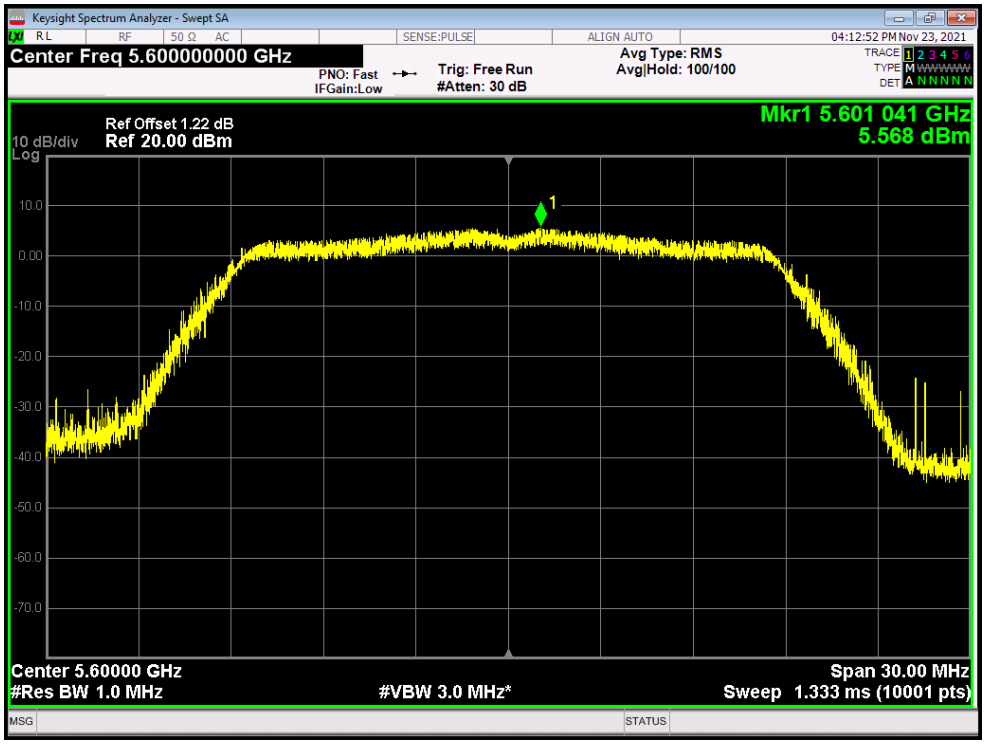
PSD NVNT ac20 5700MHz Ant1



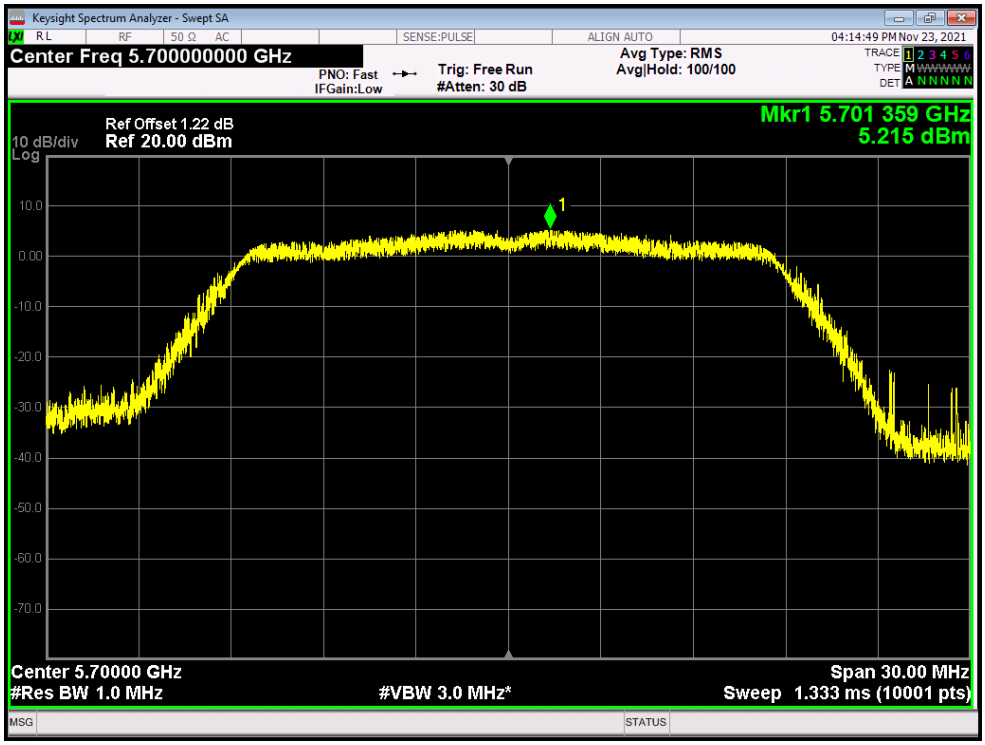
PSD NVNT ac20 5500MHz Ant2



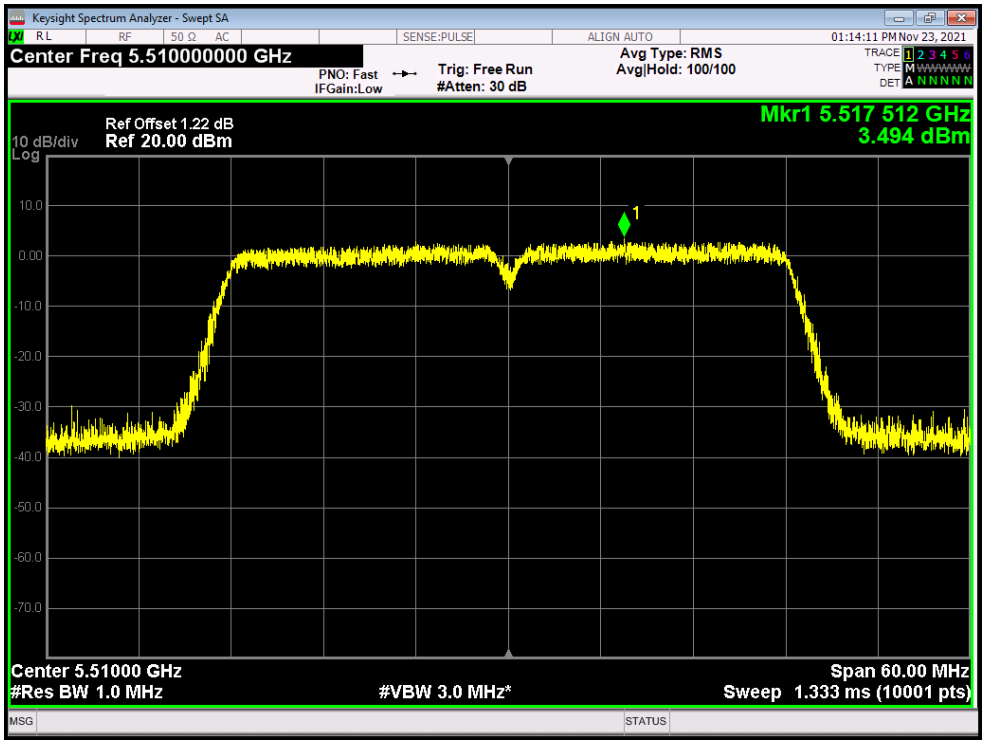
PSD NVNT ac20 5600MHz Ant2



PSD NVNT ac20 5700MHz Ant2



PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5590MHz Ant1