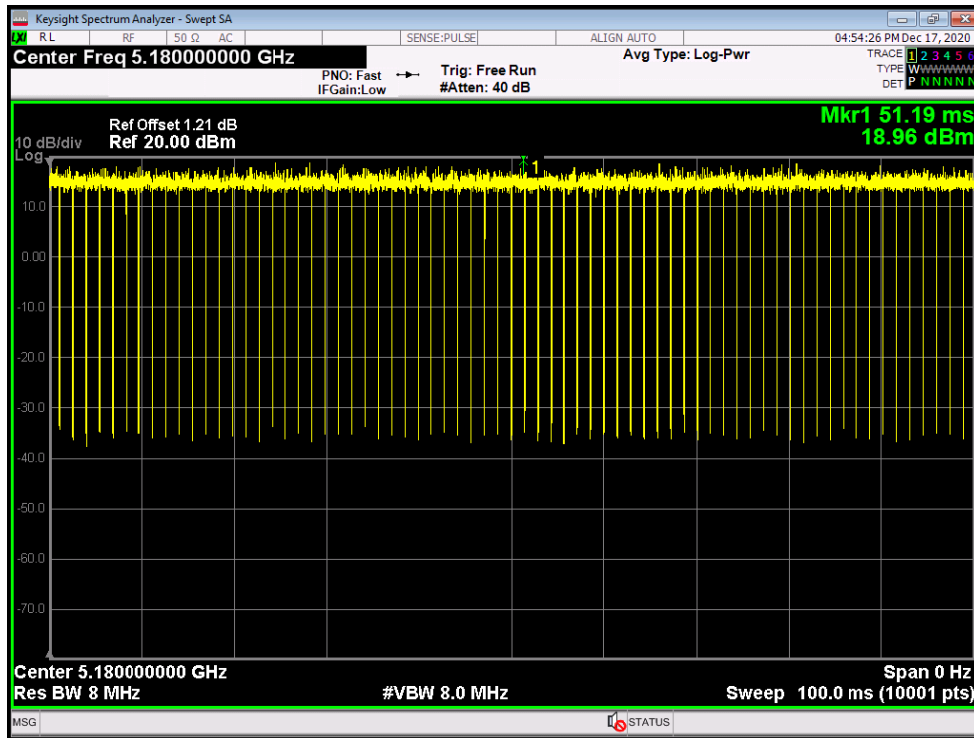


## 5.2G

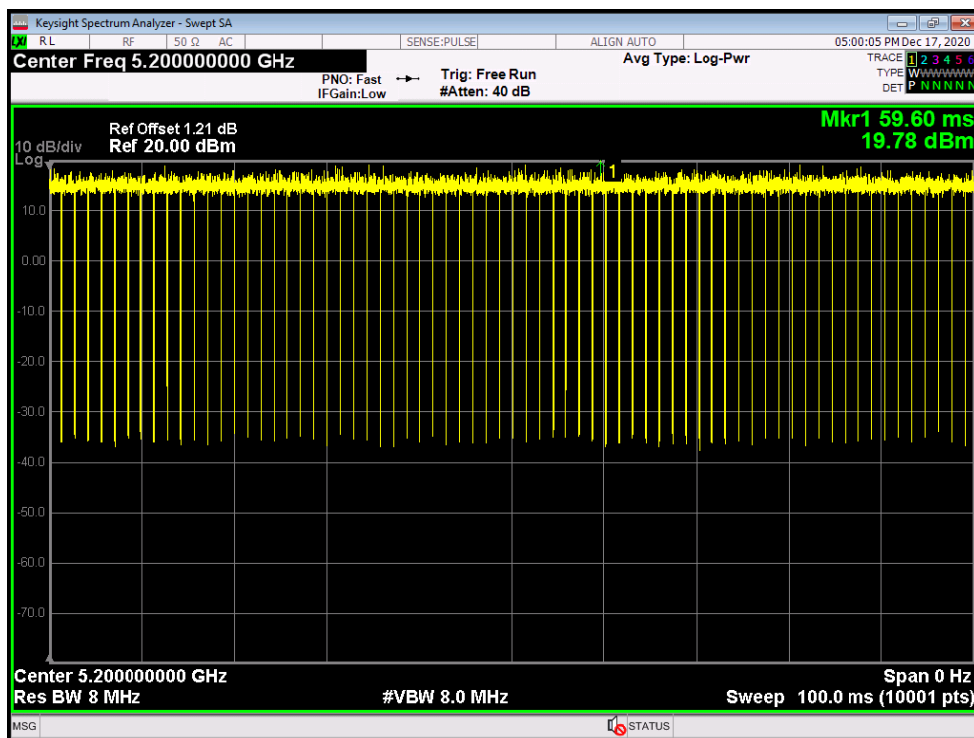
### Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	100	0
NVNT	a	5200	Ant1	100	0
NVNT	a	5240	Ant1	100	0
NVNT	a	5180	Ant2	100	0
NVNT	a	5200	Ant2	100	0
NVNT	a	5240	Ant2	100	0
NVNT	ac20	5180	Ant1	97.58	0.11
NVNT	ac20	5200	Ant1	97.6	0.11
NVNT	ac20	5240	Ant1	97.61	0.11
NVNT	ac20	5180	Ant2	85.03	0.7
NVNT	ac20	5200	Ant2	85.02	0.7
NVNT	ac20	5240	Ant2	85.02	0.7
NVNT	ac40	5190	Ant1	95.39	0.2
NVNT	ac40	5230	Ant1	95.35	0.21
NVNT	ac40	5190	Ant2	78.39	1.06
NVNT	ac40	5230	Ant2	77.4	1.11
NVNT	ac80	5210	Ant1	91.18	0.4
NVNT	ac80	5210	Ant2	72	1.43
NVNT	n20	5180	Ant1	100	0
NVNT	n20	5200	Ant1	97.59	0.11
NVNT	n20	5240	Ant1	97.56	0.11
NVNT	n20	5180	Ant2	100	0
NVNT	n20	5200	Ant2	84.42	0.74
NVNT	n20	5240	Ant2	84.45	0.73
NVNT	n40	5190	Ant1	95.1	0.22
NVNT	n40	5230	Ant1	95.36	0.21
NVNT	n40	5190	Ant2	77.49	1.11
NVNT	n40	5230	Ant2	77.37	1.11

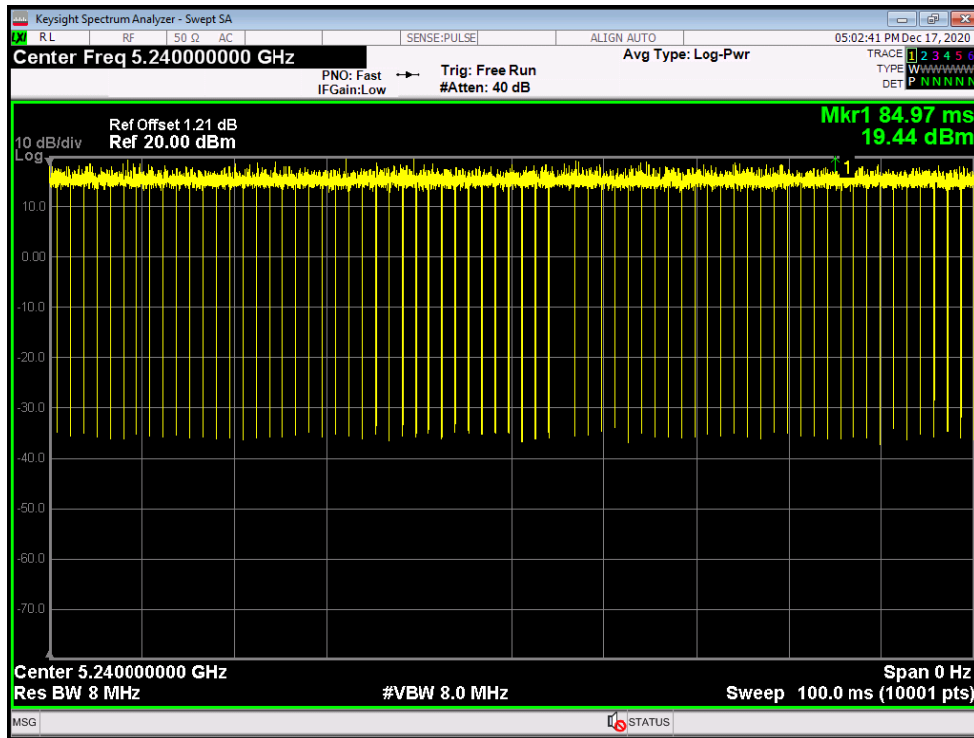
Duty Cycle NVNT a 5180MHz Ant1



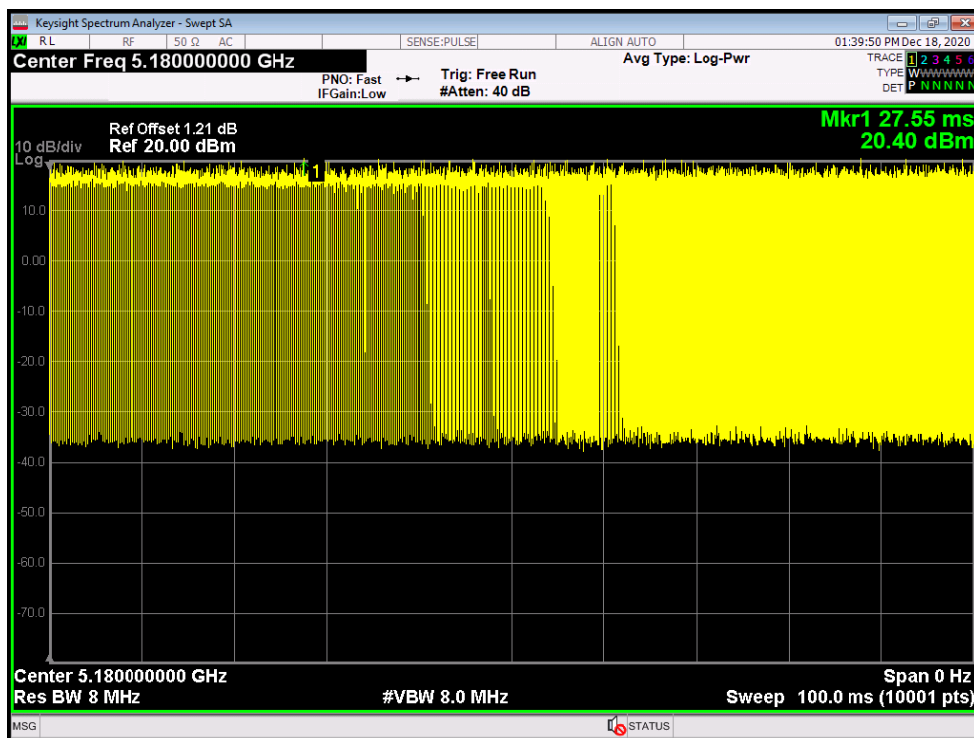
Duty Cycle NVNT a 5200MHz Ant1



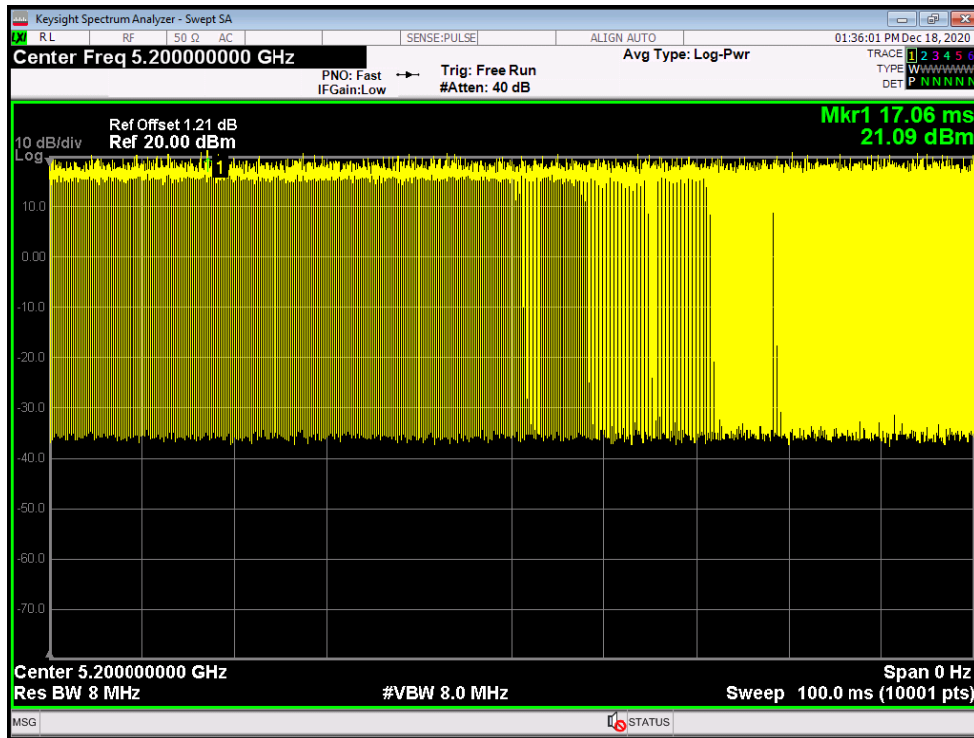
Duty Cycle NVNT a 5240MHz Ant1



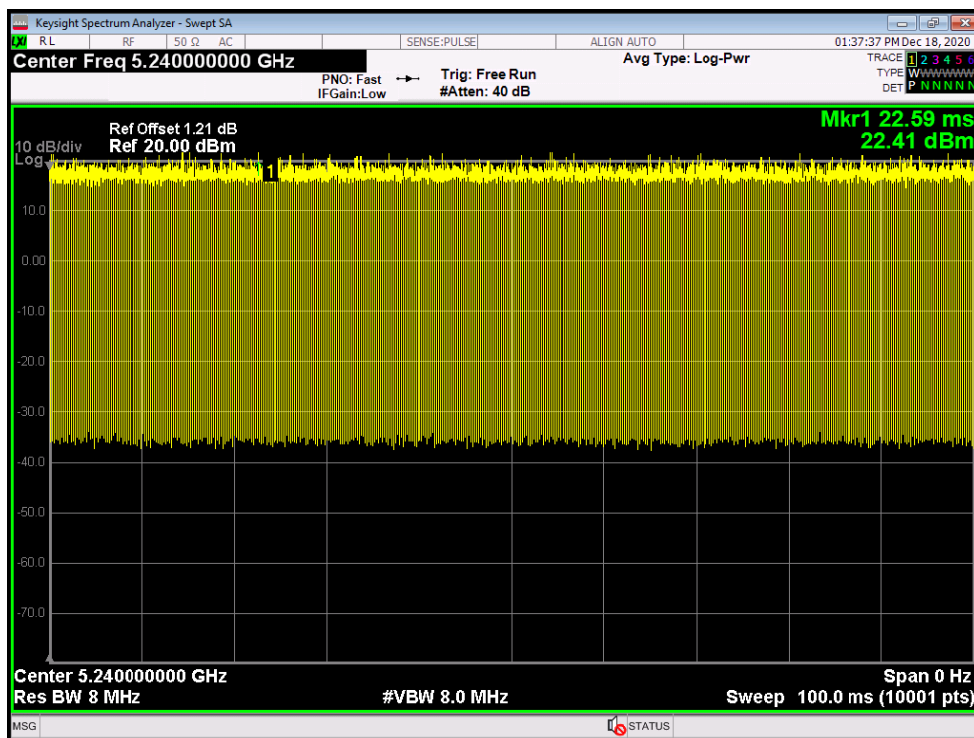
Duty Cycle NVNT a 5180MHz Ant1



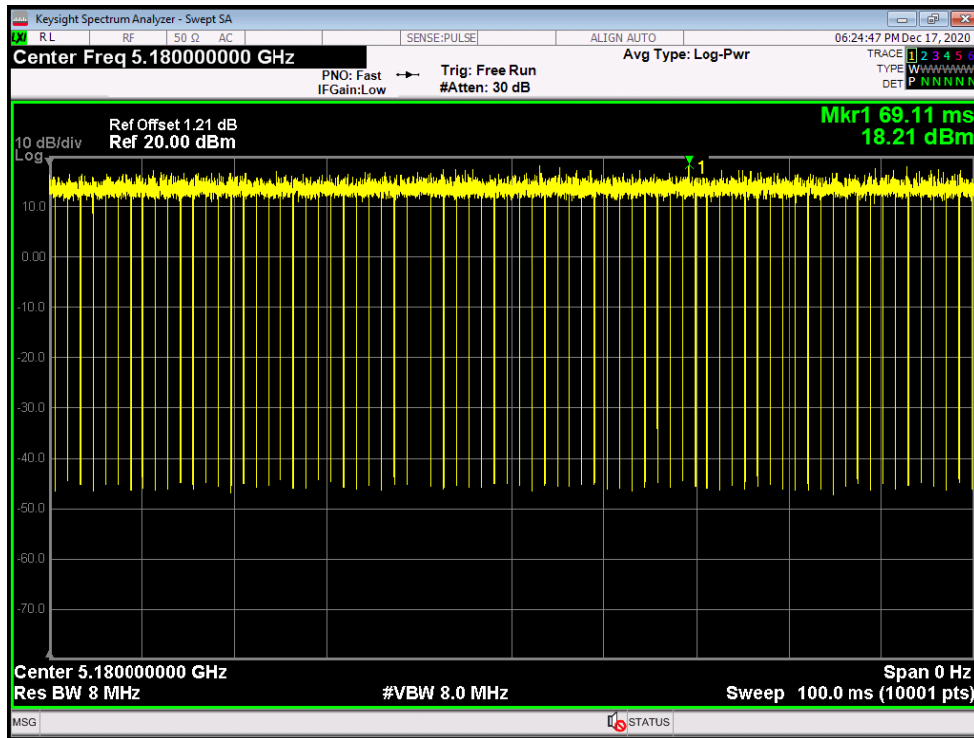
Duty Cycle NVNT a 5200MHz Ant1



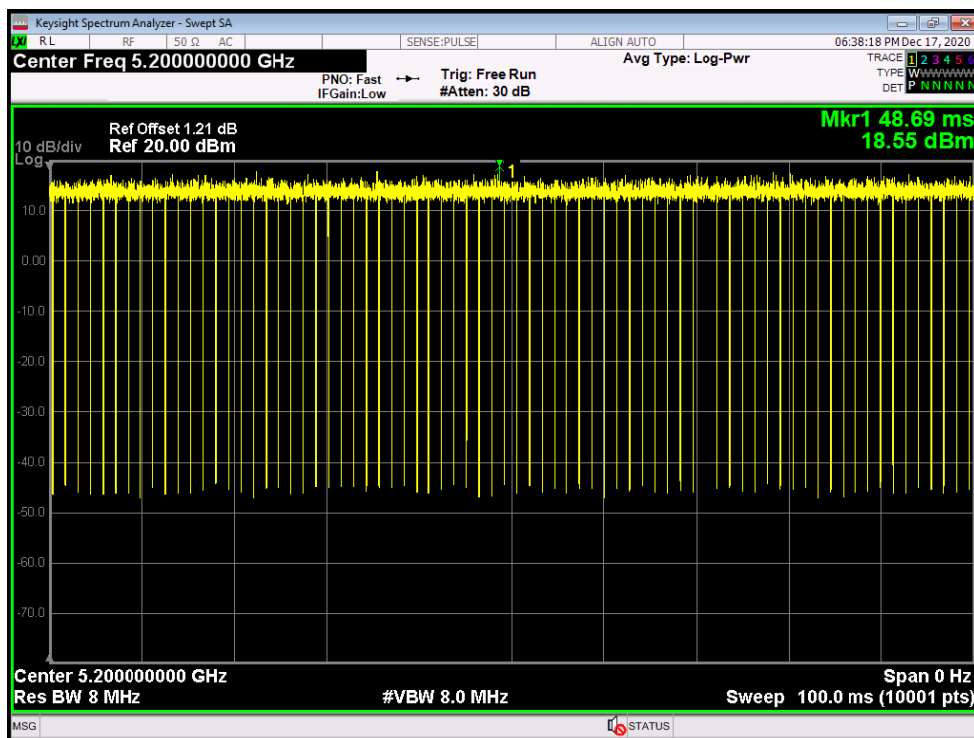
Duty Cycle NVNT a 5240MHz Ant1



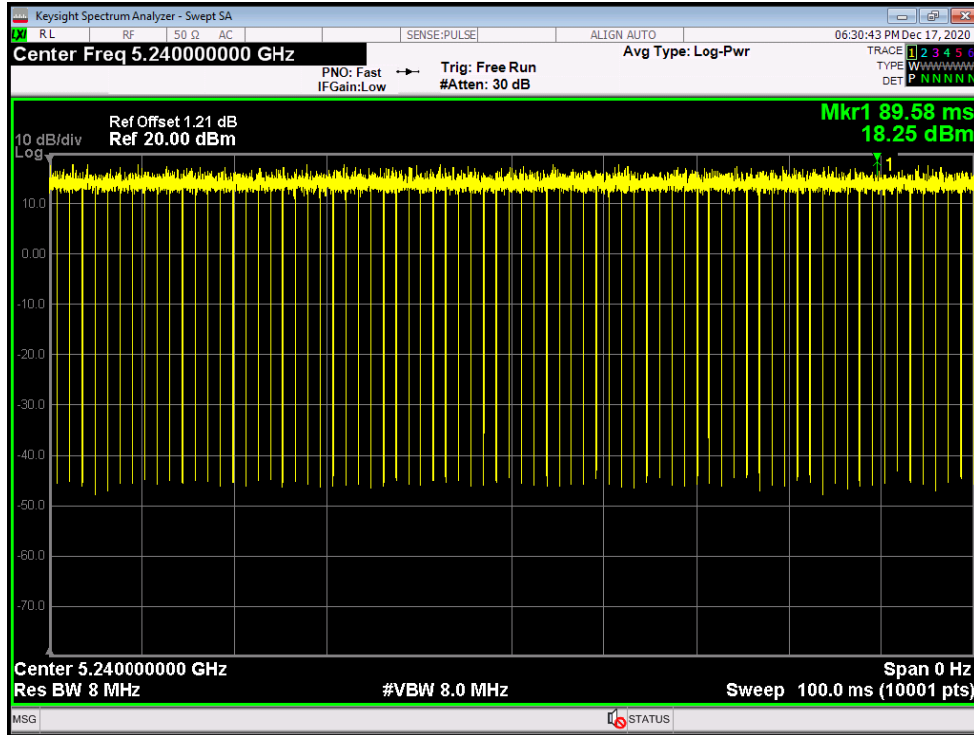
Duty Cycle NVNT ac20 5180MHz Ant1



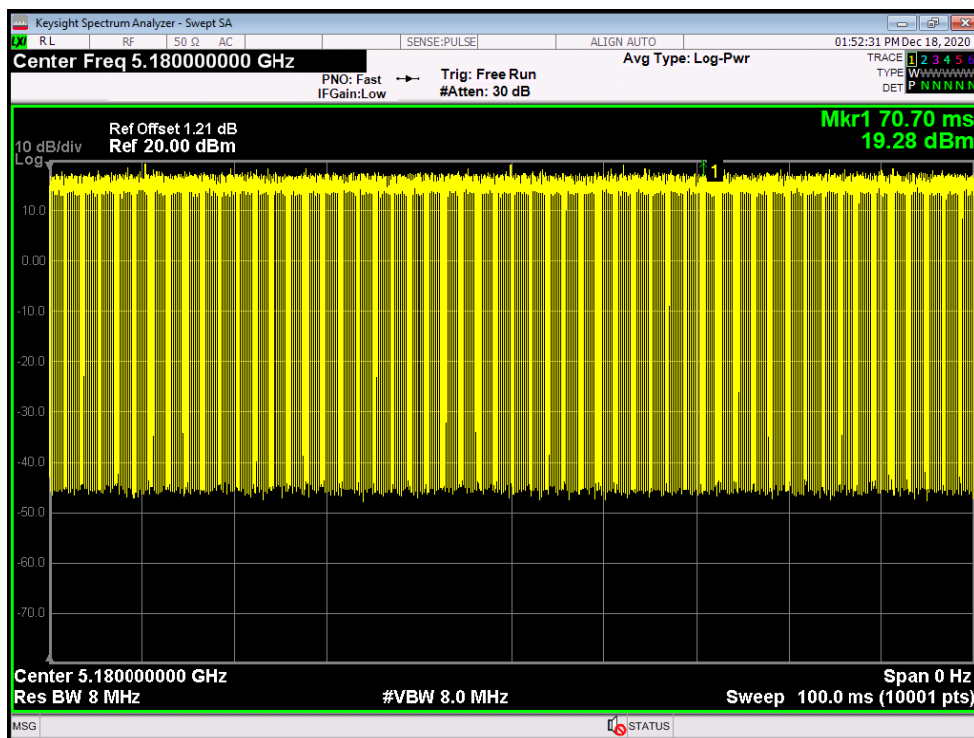
Duty Cycle NVNT ac20 5200MHz Ant1



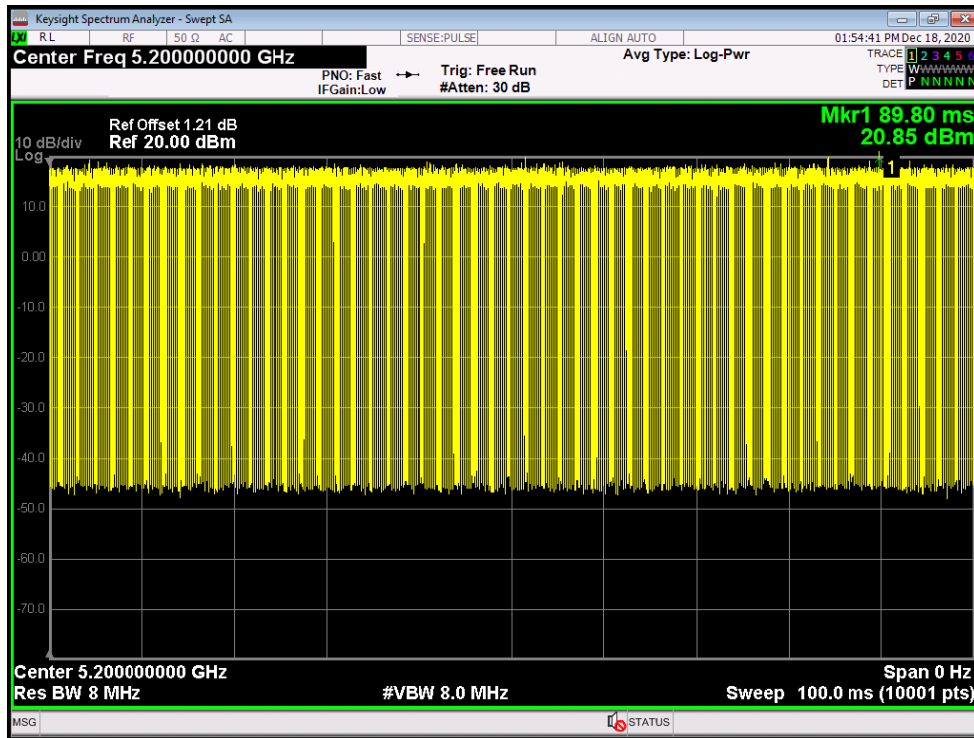
Duty Cycle NVNT ac20 5240MHz Ant1



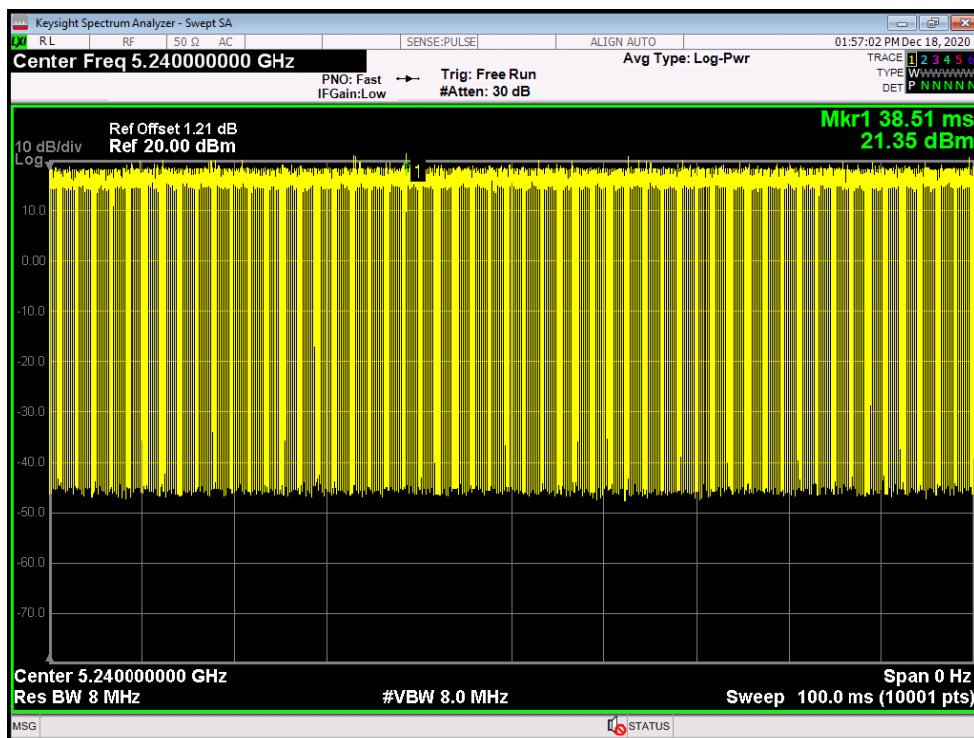
Duty Cycle NVNT ac20 5180MHz Ant1



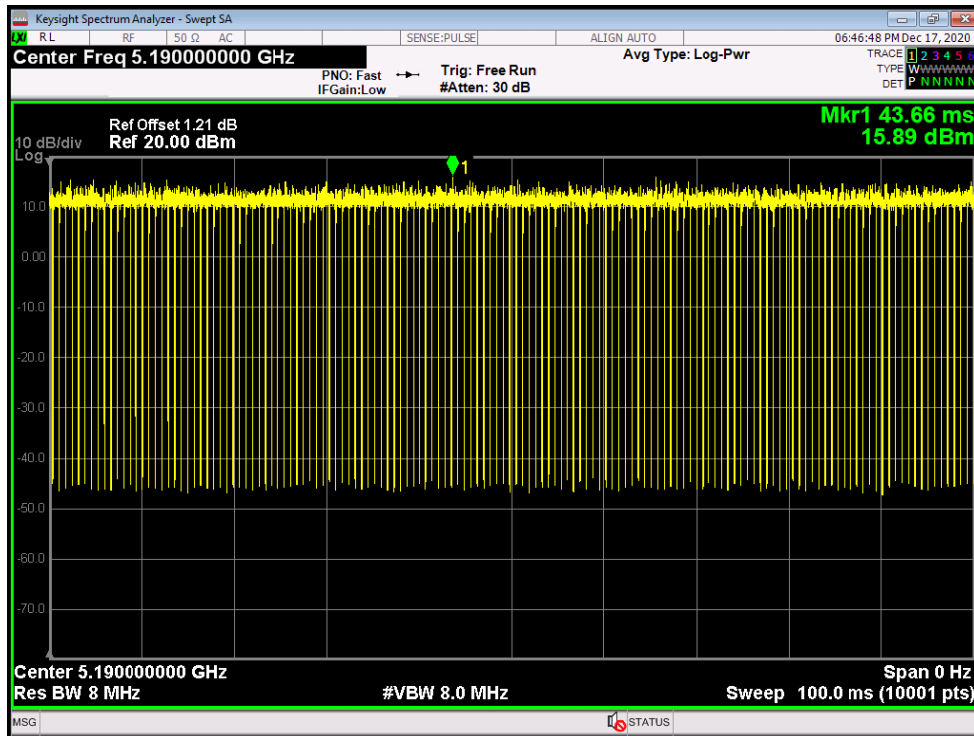
Duty Cycle NVNT ac20 5200MHz Ant1



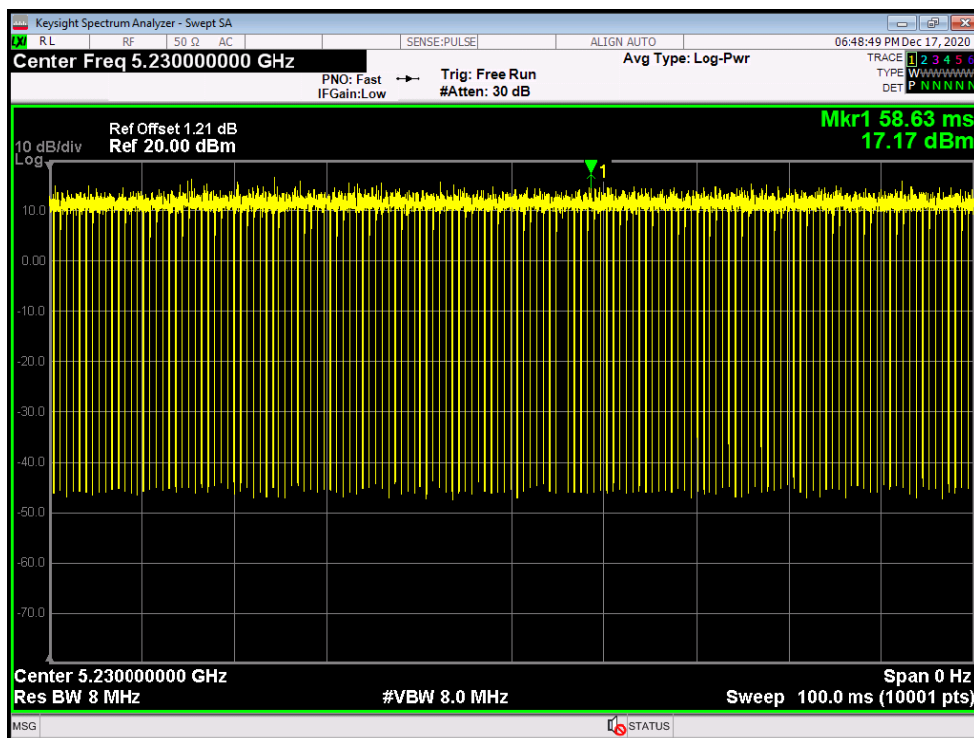
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1

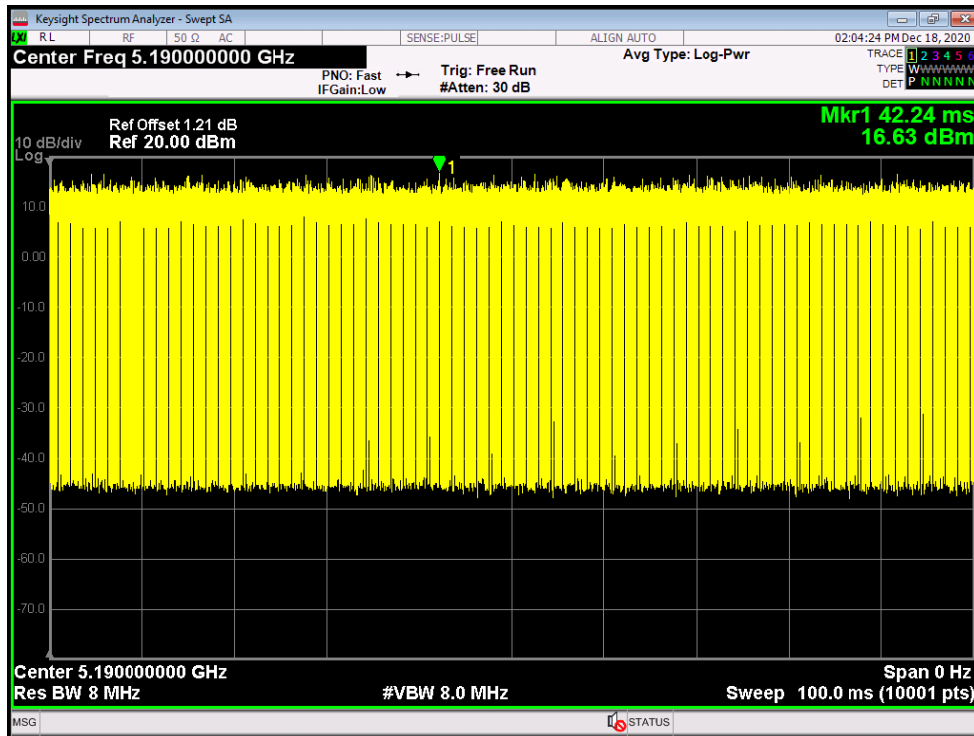


Duty Cycle NVNT ac40 5230MHz Ant1

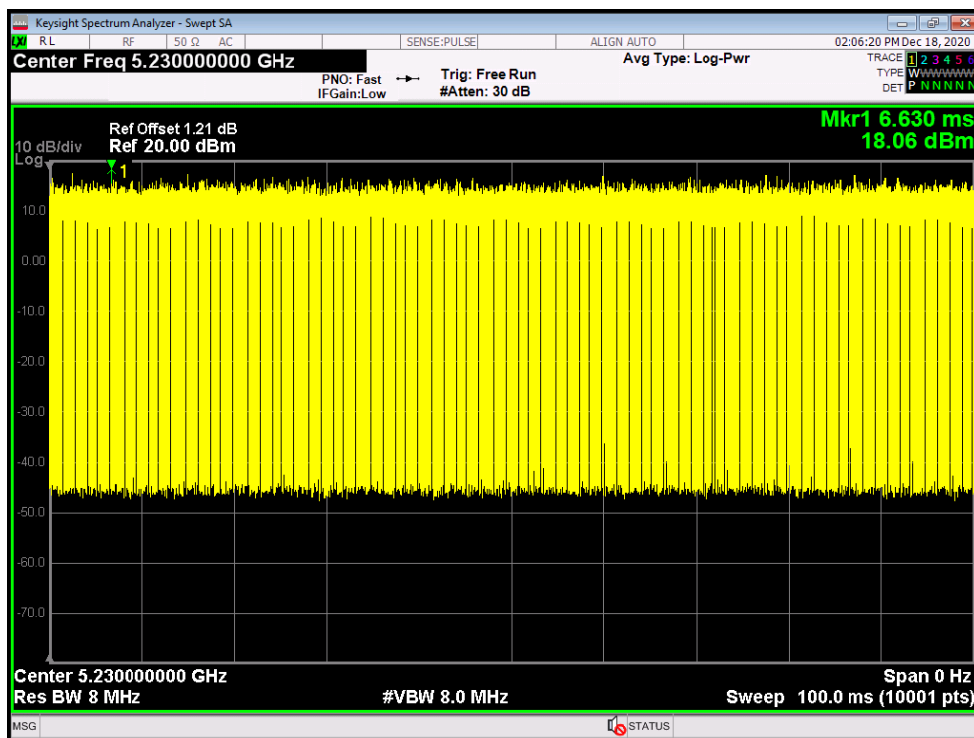


Duty Cycle NVNT ac40 5190MHz Ant1

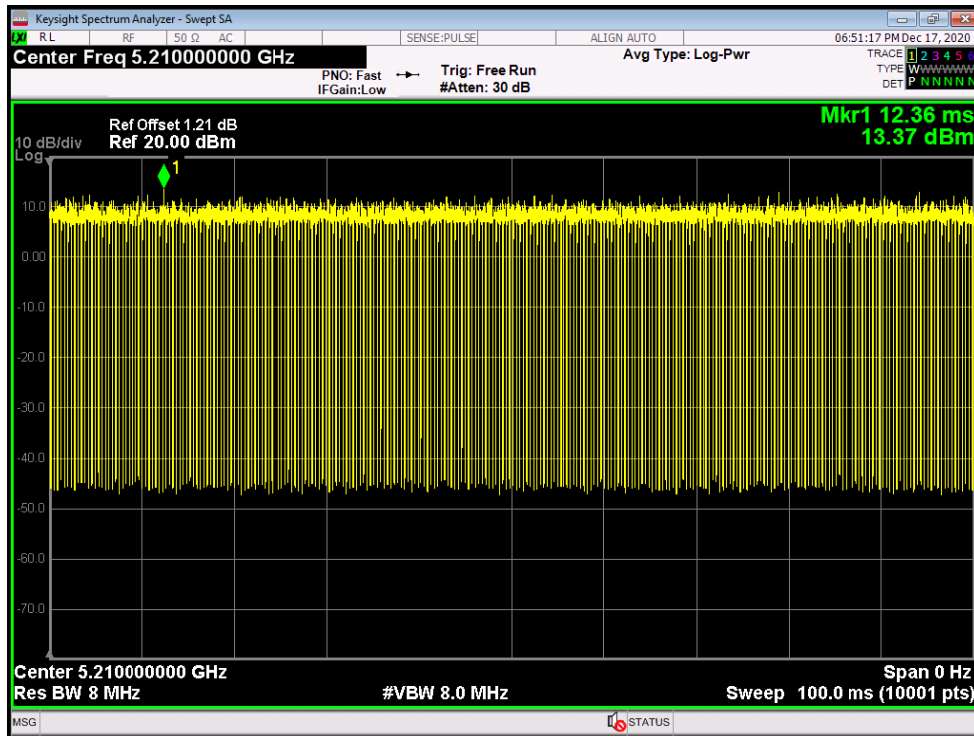




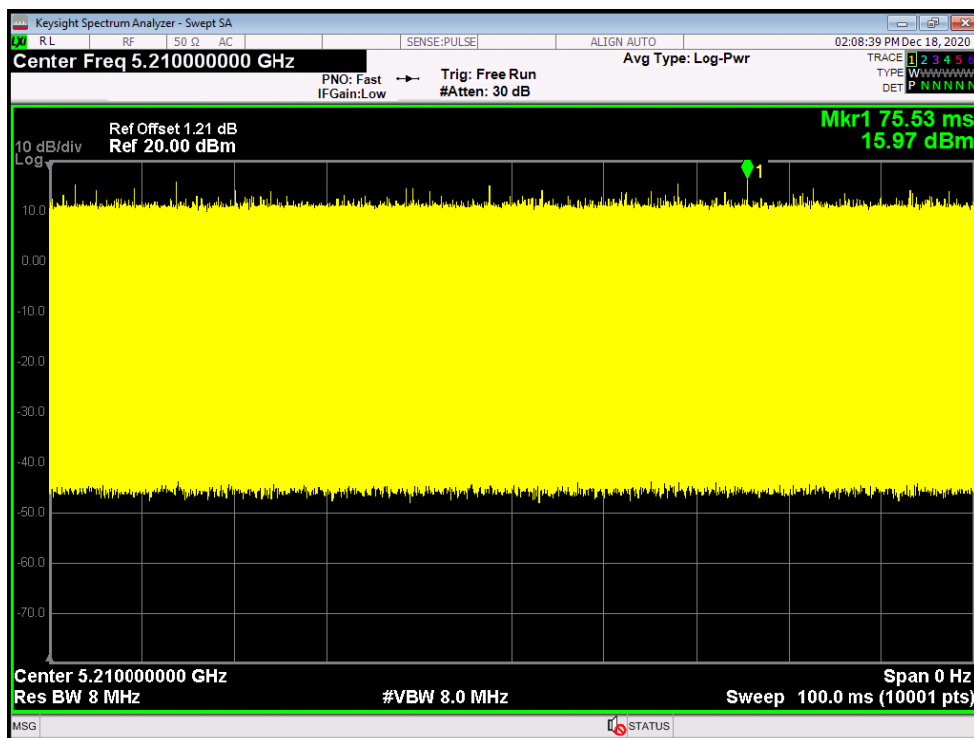
Duty Cycle NVNT ac40 5230MHz Ant1



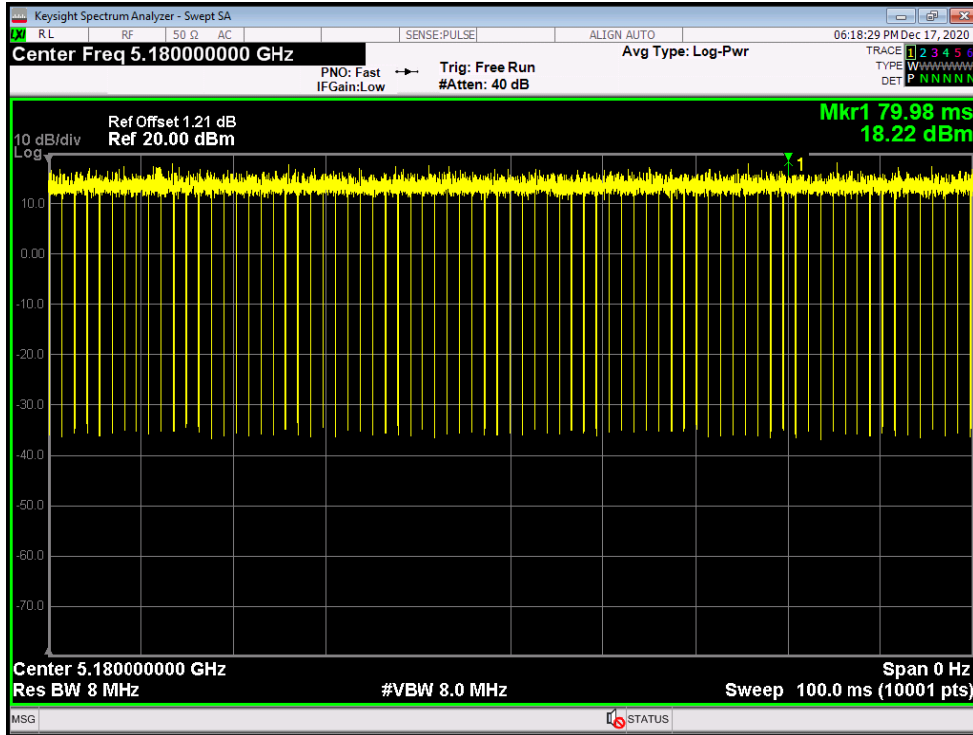
Duty Cycle NVNT ac80 5210MHz Ant1



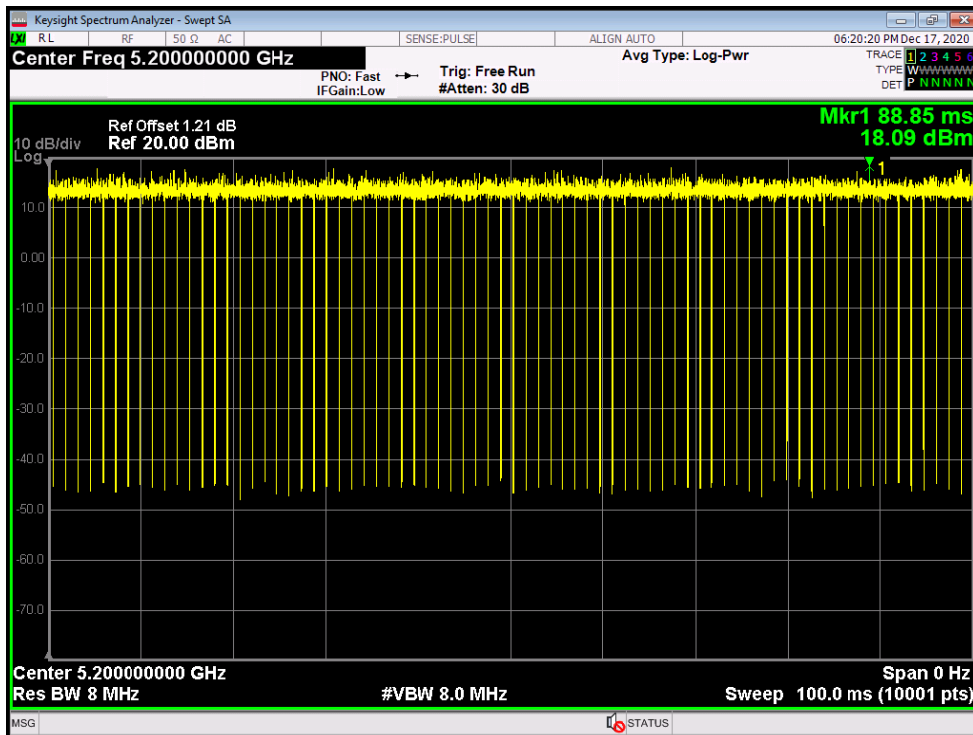
Duty Cycle NVNT ac80 5210MHz Ant1



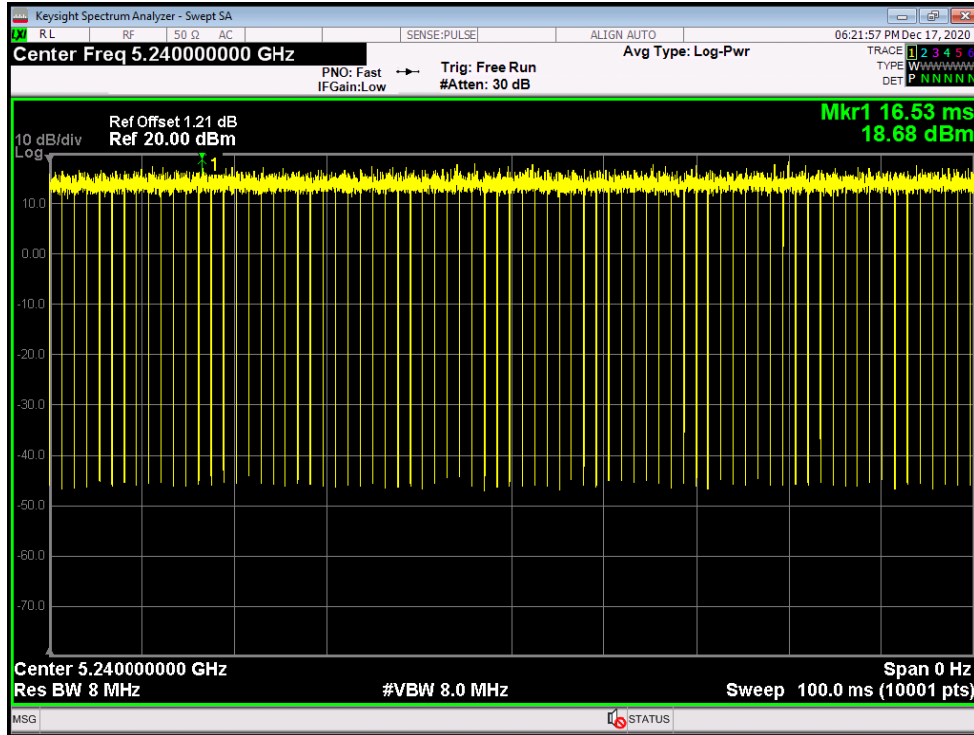
Duty Cycle NVNT n20 5180MHz Ant1



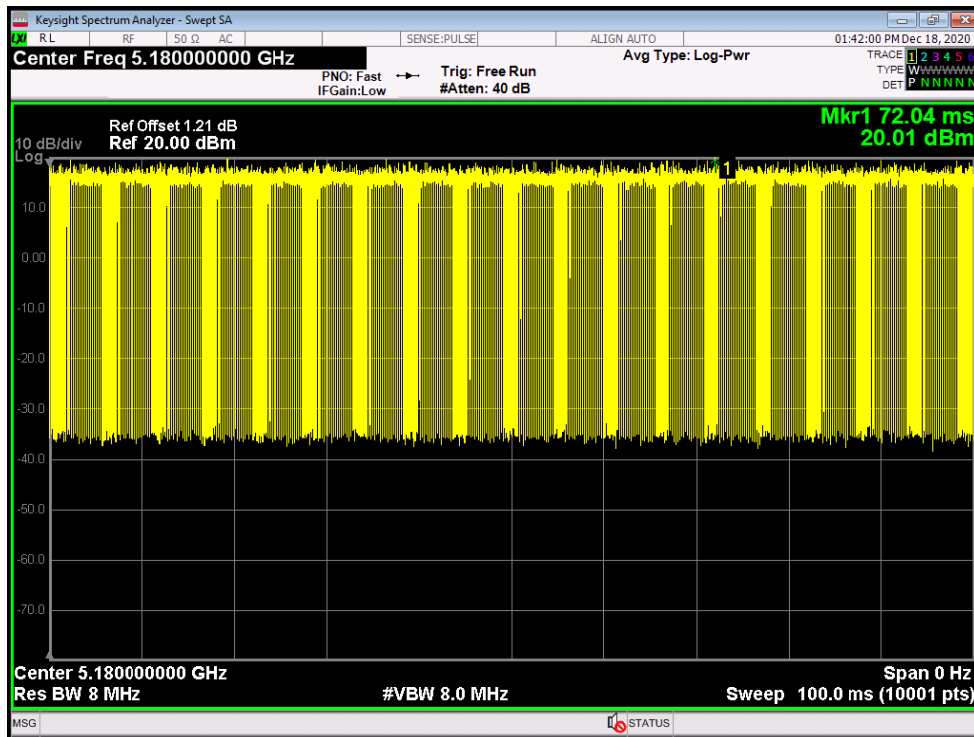
Duty Cycle NVNT n20 5200MHz Ant1



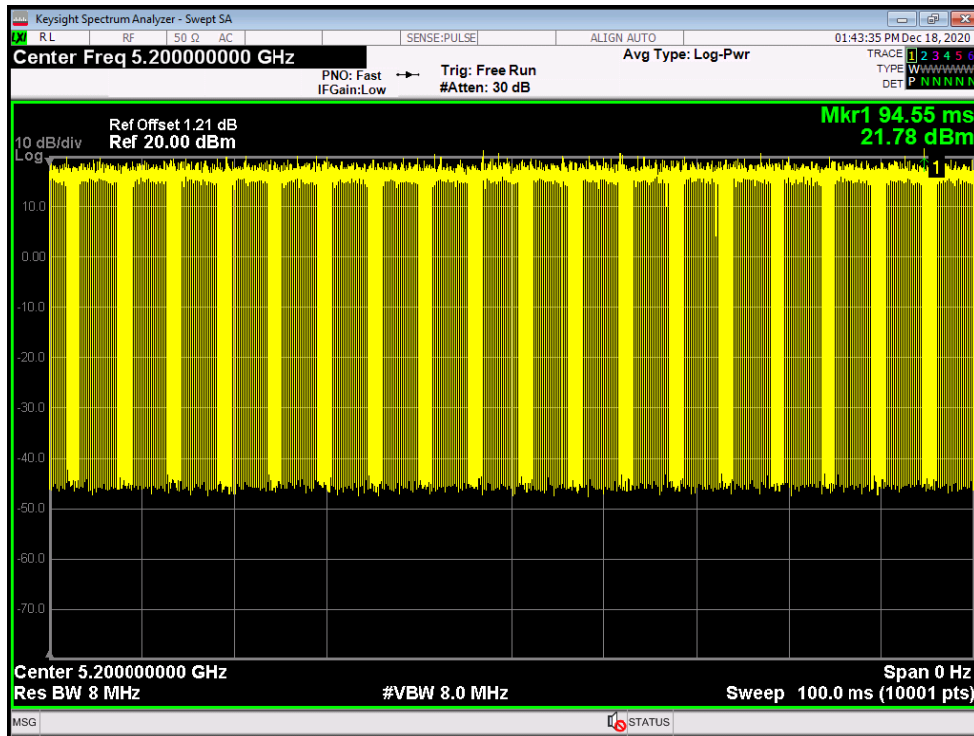
Duty Cycle NVNT n20 5240MHz Ant1



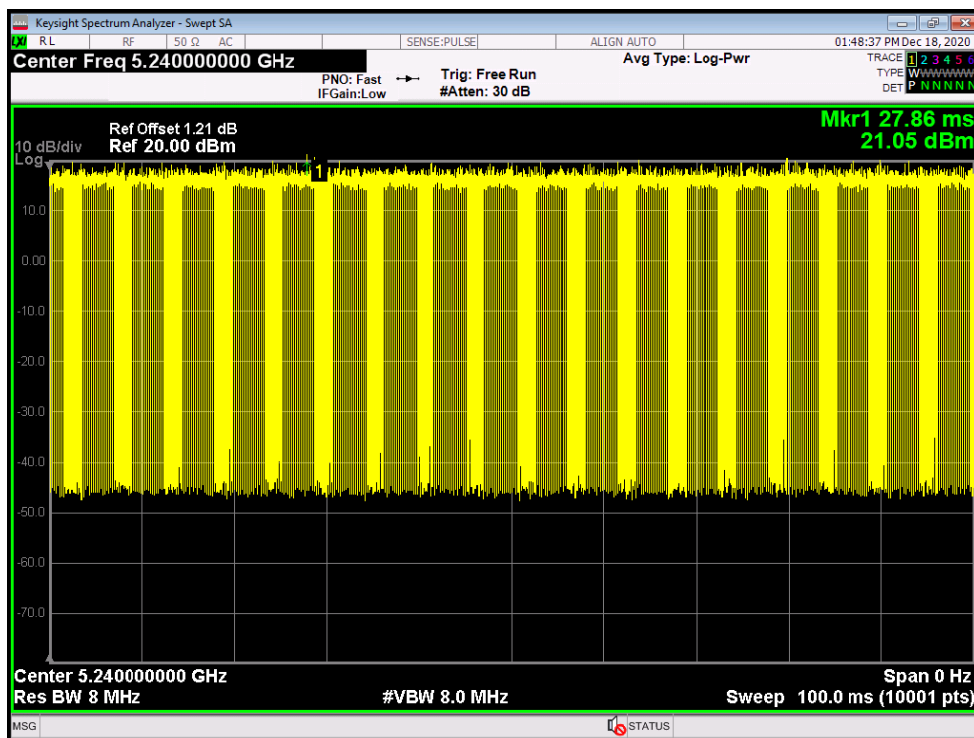
Duty Cycle NVNT n20 5180MHz Ant1



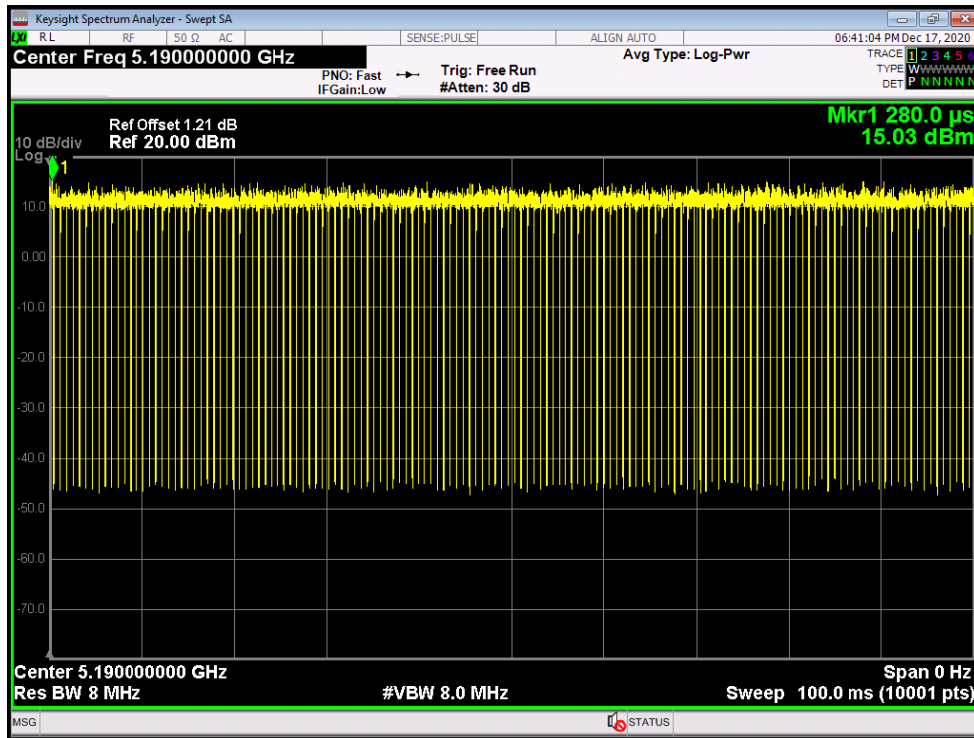
Duty Cycle NVNT n20 5200MHz Ant1



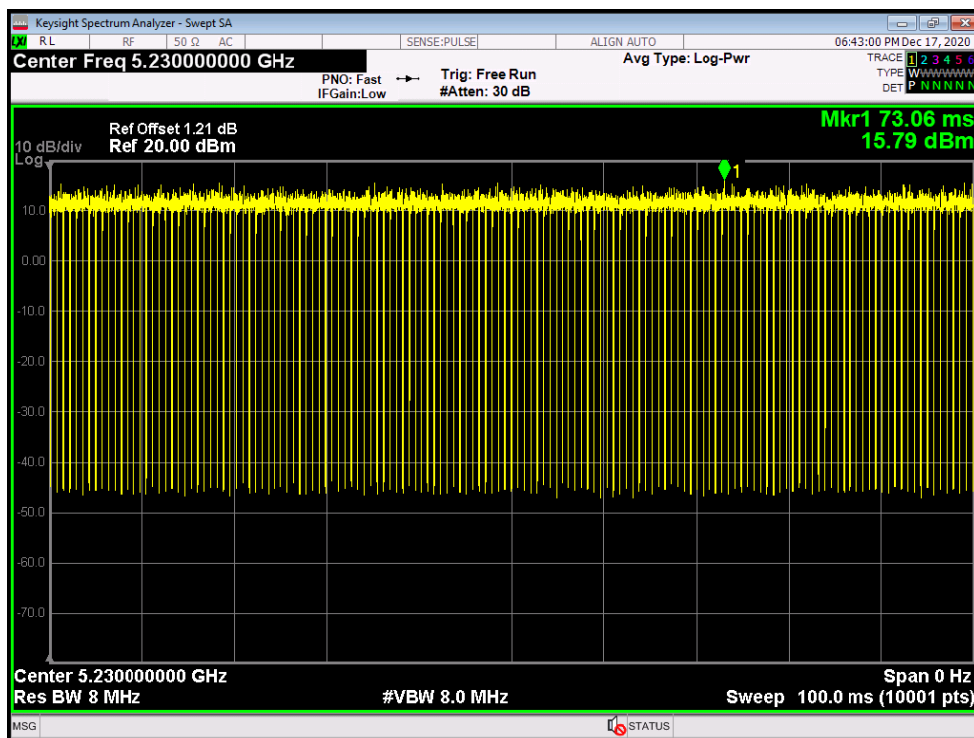
Duty Cycle NVNT n20 5240MHz Ant1



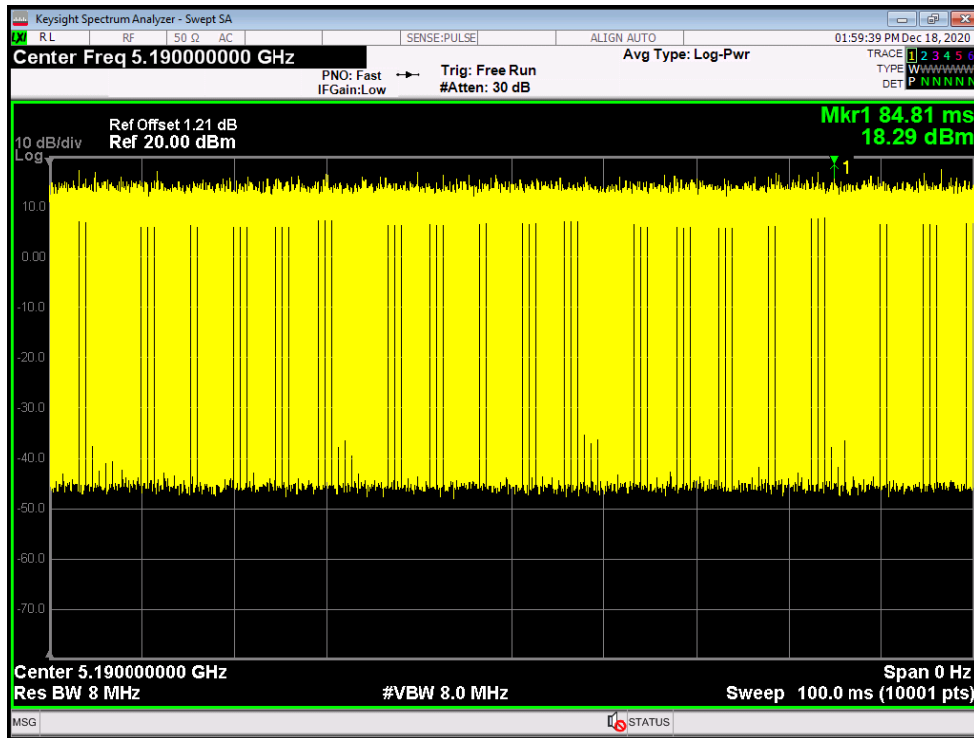
Duty Cycle NVNT n40 5190MHz Ant1



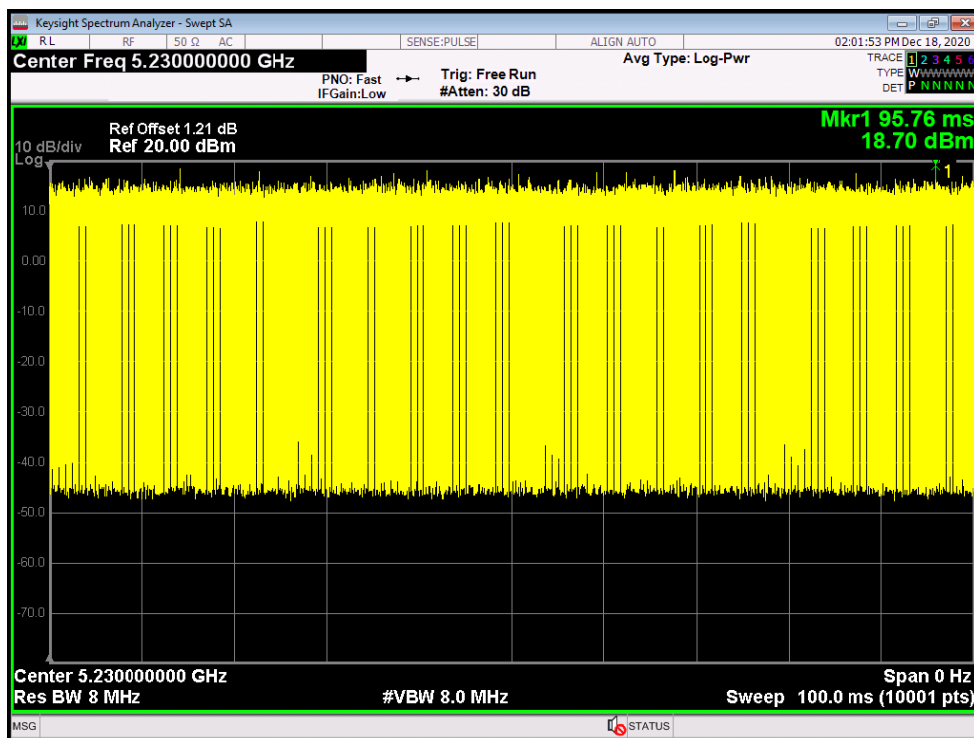
Duty Cycle NVNT n40 5230MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



**Maximum Conducted Output Power**

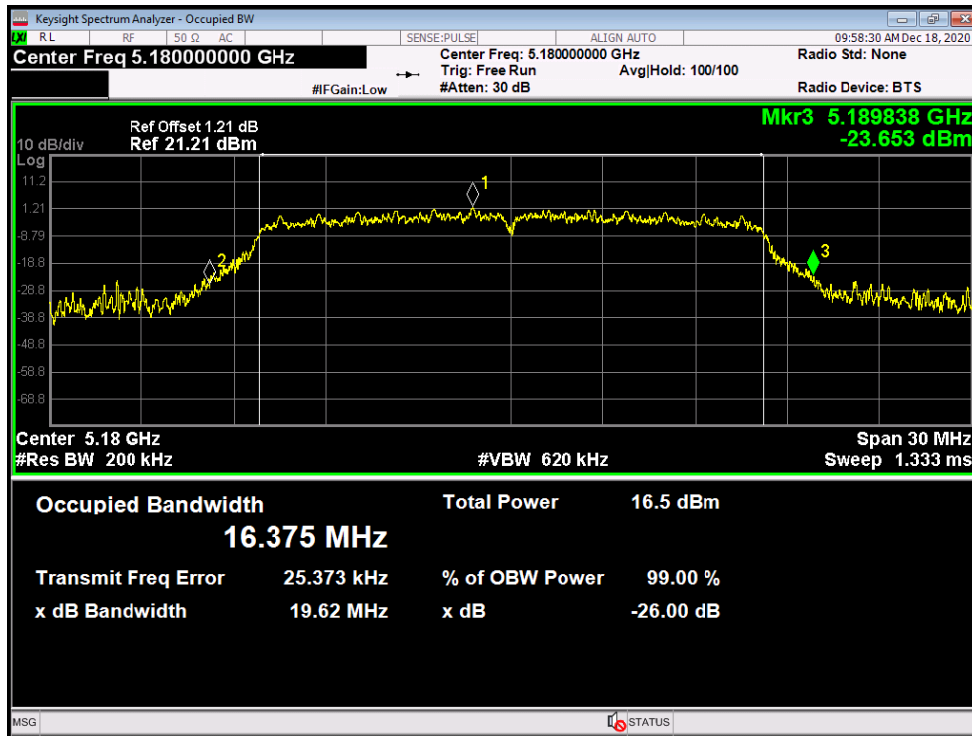
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	MIMO Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.019	0	11.019	-	24	Pass
NVNT	a	5200	Ant1	11.093	0	11.093	-	24	Pass
NVNT	a	5240	Ant1	11.428	0	11.428	-	24	Pass
NVNT	a	5180	Ant2	11.176	0	11.176	-	24	Pass
NVNT	a	5200	Ant2	11.558	0	11.558	-	24	Pass
NVNT	a	5240	Ant2	12.324	0	12.324	-	24	Pass
NVNT	ac20	5180	Ant1	9.339	0.11	9.449	13.135	24	Pass
NVNT	ac20	5180	Ant2	10.009	0.7	10.709		24	Pass
NVNT	ac20	5200	Ant1	9.461	0.11	9.571	13.346	24	Pass
NVNT	ac20	5200	Ant2	10.285	0.7	10.985		24	Pass
NVNT	ac20	5240	Ant1	9.729	0.11	9.839	13.413	24	Pass
NVNT	ac20	5240	Ant2	10.901	0	10.901		24	Pass
NVNT	ac40	5190	Ant1	9.677	0.2	9.877	13.350	24	Pass
NVNT	ac40	5190	Ant2	9.697	1.06	10.757		24	Pass
NVNT	ac40	5230	Ant1	9.866	0.21	10.076	13.891	24	Pass
NVNT	ac40	5230	Ant2	10.45	1.11	11.56		24	Pass
NVNT	ac80	5210	Ant1	9.566	0.4	9.966	12.871	24	Pass
NVNT	ac80	5210	Ant2	9.752	0	9.752		24	Pass
NVNT	n20	5180	Ant1	9.129	0	9.129	13.163	24	Pass
NVNT	n20	5180	Ant2	10.98	0	10.98		24	Pass
NVNT	n20	5200	Ant1	9.316	0.11	9.426	13.936	24	Pass
NVNT	n20	5200	Ant2	11.298	0.74	12.038		24	Pass
NVNT	n20	5240	Ant1	9.638	0.11	9.748	13.775	24	Pass
NVNT	n20	5240	Ant2	10.858	0.73	11.588		24	Pass
NVNT	n40	5190	Ant1	9.505	0.22	9.725	13.356	24	Pass
NVNT	n40	5190	Ant2	9.779	1.11	10.889		24	Pass
NVNT	n40	5230	Ant1	9.906	0.21	10.116	13.965	24	Pass
NVNT	n40	5230	Ant2	10.547	1.11	11.657		24	Pass



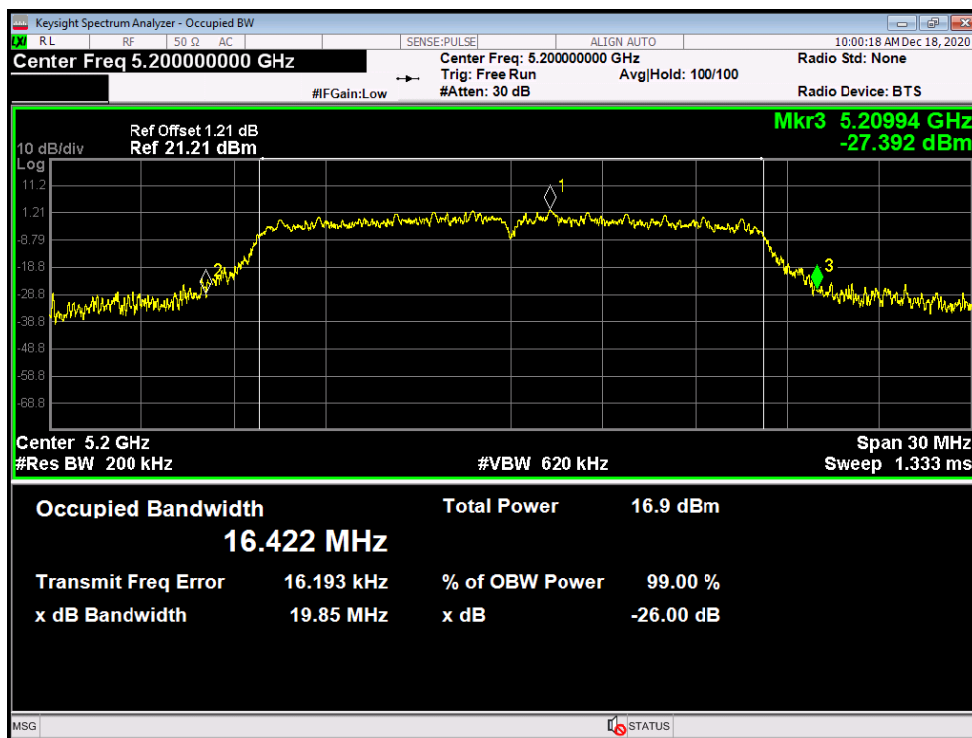
**-26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.624	0.5	Pass
NVNT	a	5200	Ant1	19.848	0.5	Pass
NVNT	a	5240	Ant1	19.961	0.5	Pass
NVNT	a	5180	Ant2	19.817	0.5	Pass
NVNT	a	5200	Ant2	19.485	0.5	Pass
NVNT	a	5240	Ant2	19.428	0.5	Pass
NVNT	ac20	5180	Ant1	19.834	0.5	Pass
NVNT	ac20	5200	Ant1	19.693	0.5	Pass
NVNT	ac20	5240	Ant1	19.945	0.5	Pass
NVNT	ac20	5180	Ant2	20.046	0.5	Pass
NVNT	ac20	5200	Ant2	19.816	0.5	Pass
NVNT	ac20	5240	Ant2	19.97	0.5	Pass
NVNT	ac40	5190	Ant1	40.22	0.5	Pass
NVNT	ac40	5230	Ant1	40.025	0.5	Pass
NVNT	ac40	5190	Ant2	40.126	0.5	Pass
NVNT	ac40	5230	Ant2	40.109	0.5	Pass
NVNT	ac80	5210	Ant1	80.478	0.5	Pass
NVNT	ac80	5210	Ant2	80.616	0.5	Pass
NVNT	n20	5180	Ant1	19.887	0.5	Pass
NVNT	n20	5200	Ant1	19.791	0.5	Pass
NVNT	n20	5240	Ant1	19.841	0.5	Pass
NVNT	n20	5180	Ant2	19.808	0.5	Pass
NVNT	n20	5200	Ant2	19.854	0.5	Pass
NVNT	n20	5240	Ant2	19.697	0.5	Pass
NVNT	n40	5190	Ant1	40.541	0.5	Pass
NVNT	n40	5230	Ant1	39.923	0.5	Pass
NVNT	n40	5190	Ant2	39.779	0.5	Pass
NVNT	n40	5230	Ant2	40.246	0.5	Pass

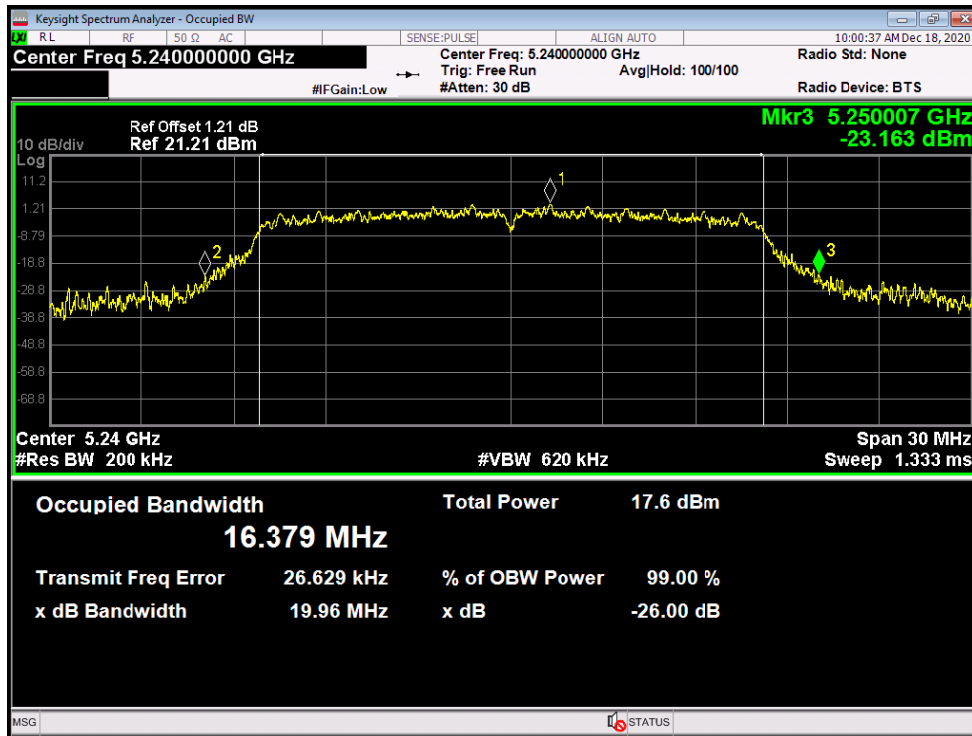
-26dB Bandwidth NVNT a 5180MHz Ant1



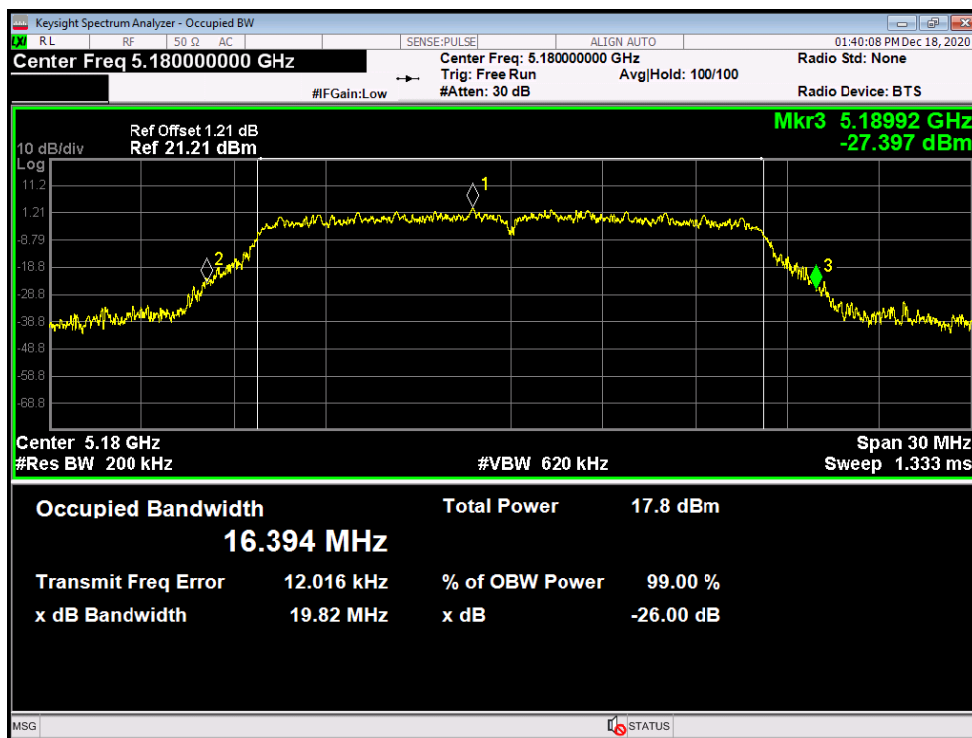
-26dB Bandwidth NVNT a 5200MHz Ant1



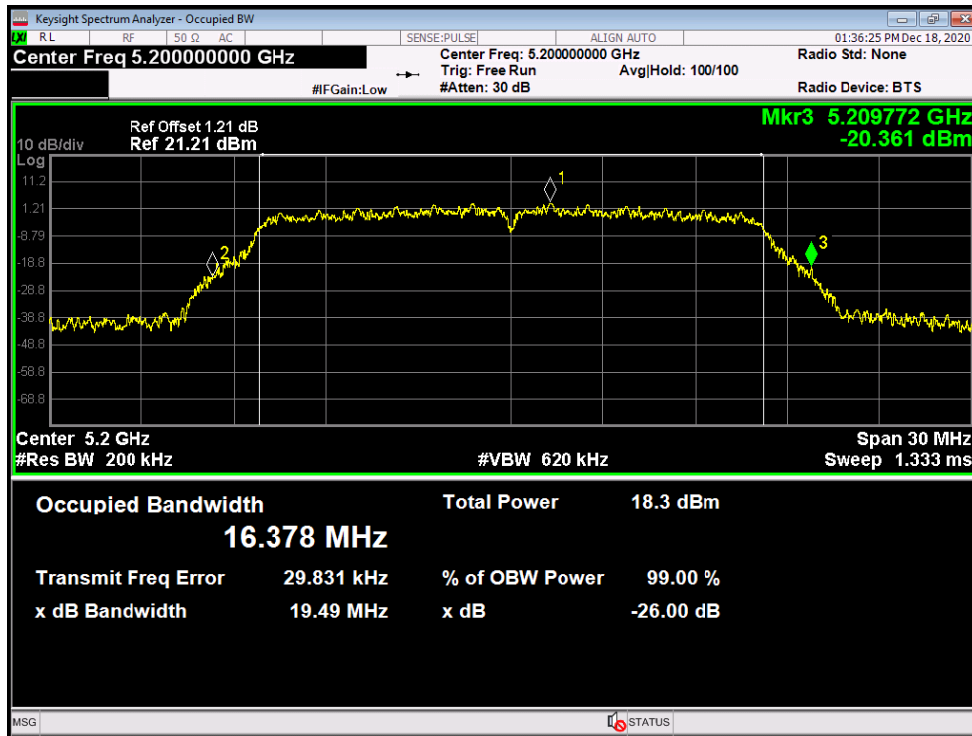
-26dB Bandwidth NVNT a 5240MHz Ant1



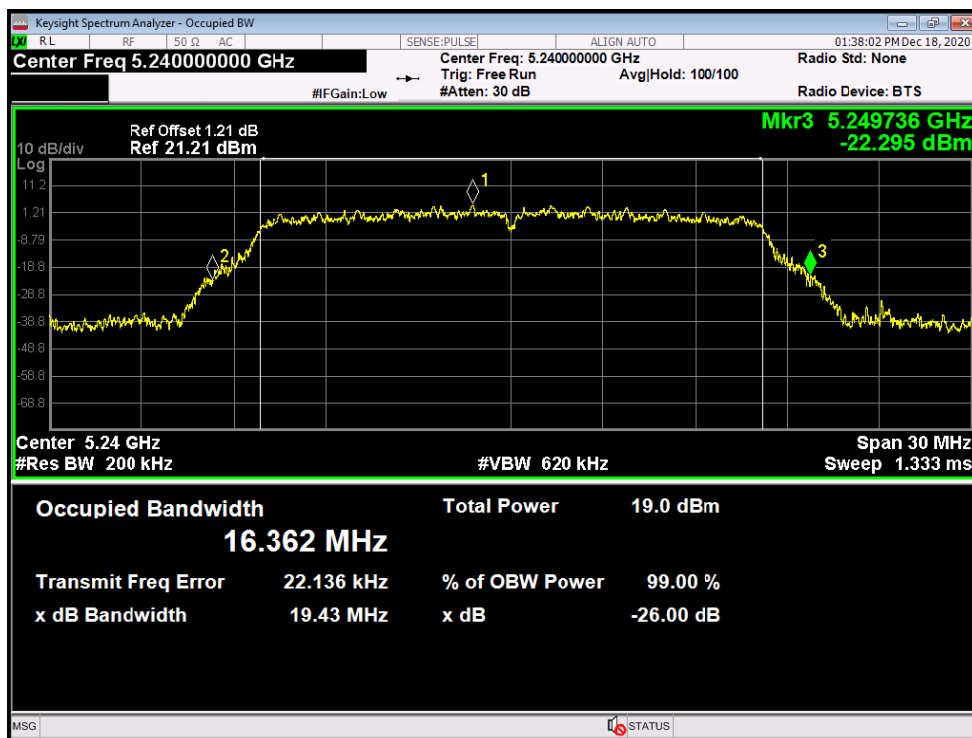
-26dB Bandwidth NVNT a 5180MHz Ant1



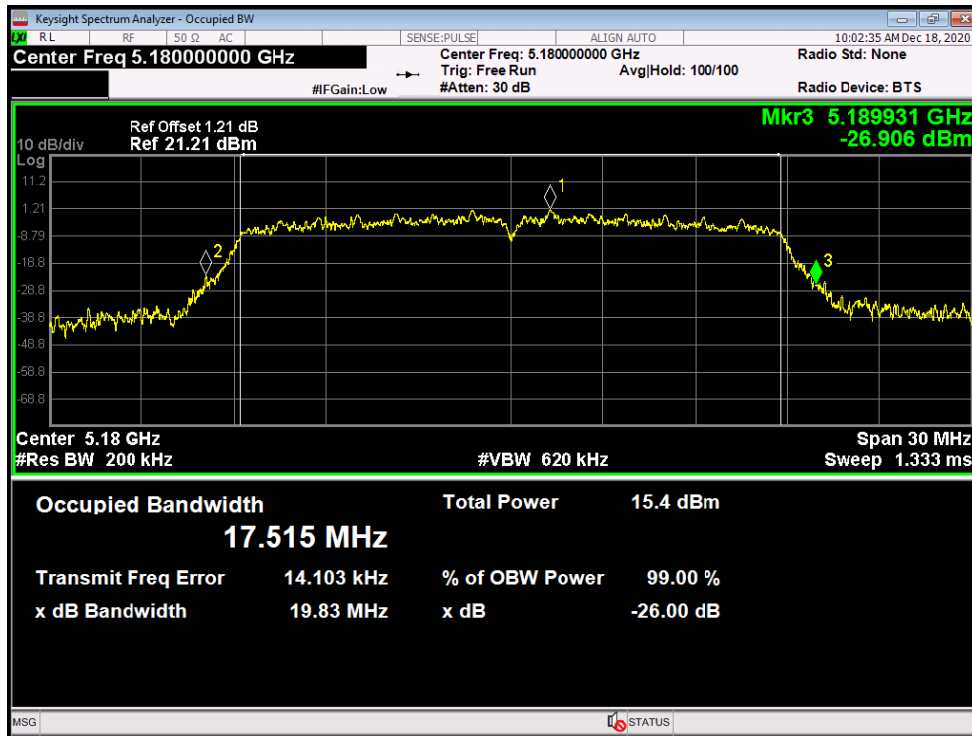
-26dB Bandwidth NVNT a 5200MHz Ant1



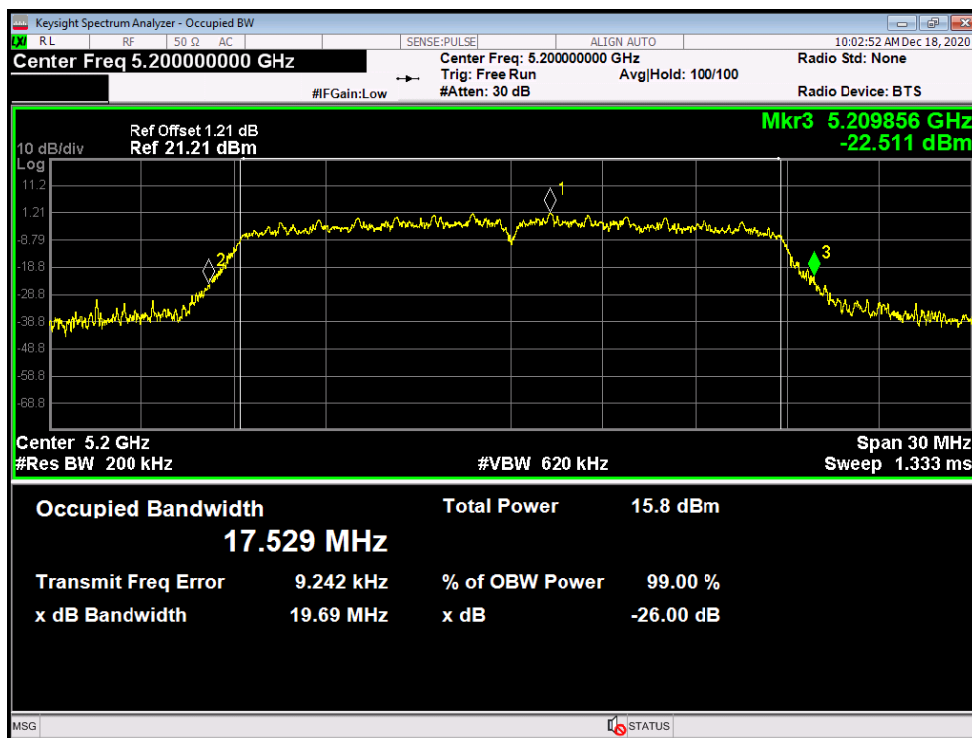
-26dB Bandwidth NVNT a 5240MHz Ant1



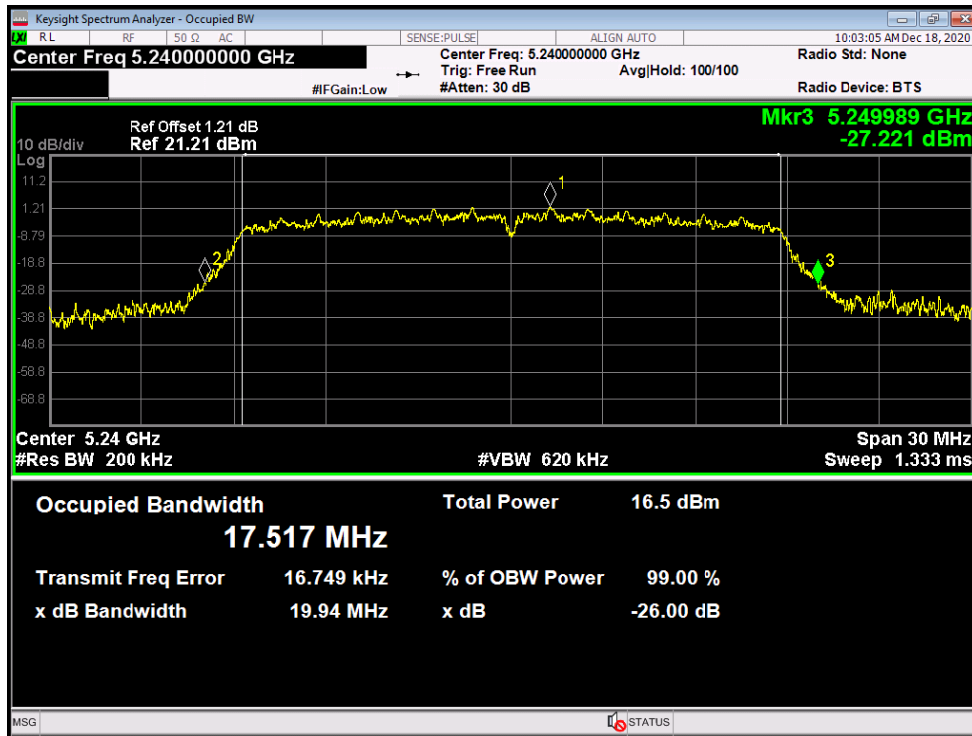
-26dB Bandwidth NVNT ac20 5180MHz Ant1



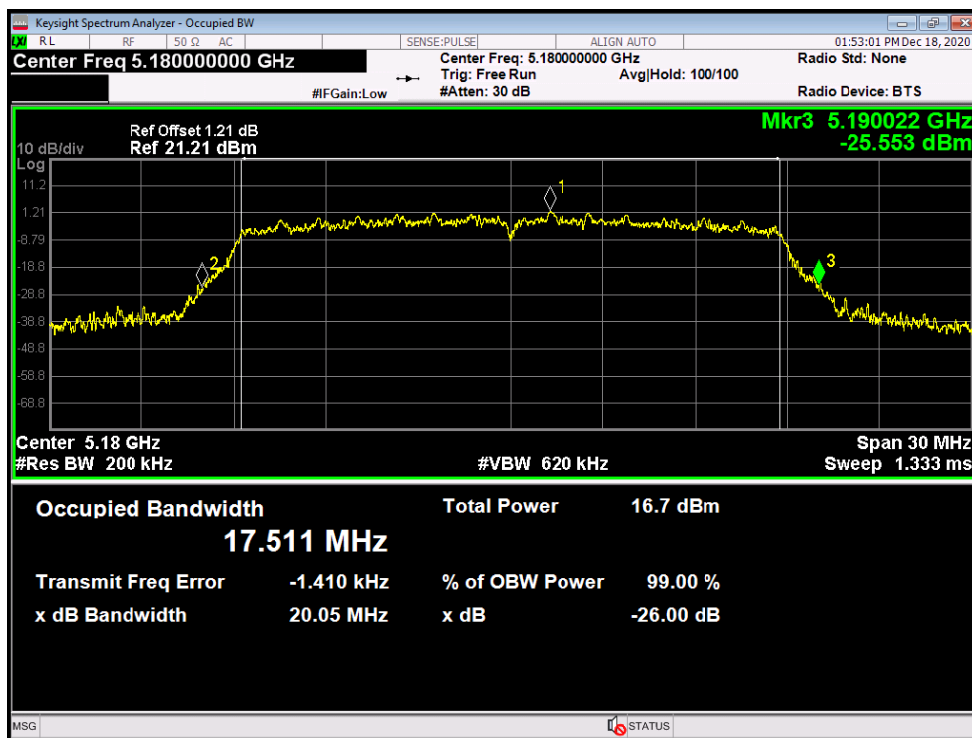
-26dB Bandwidth NVNT ac20 5200MHz Ant1



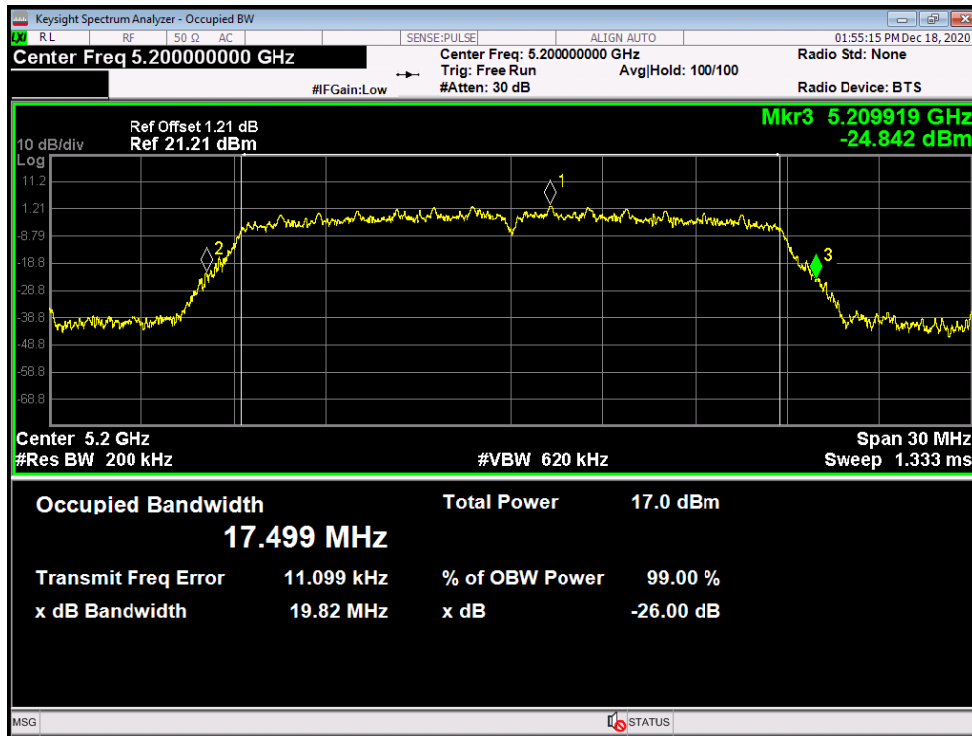
-26dB Bandwidth NVNT ac20 5240MHz Ant1



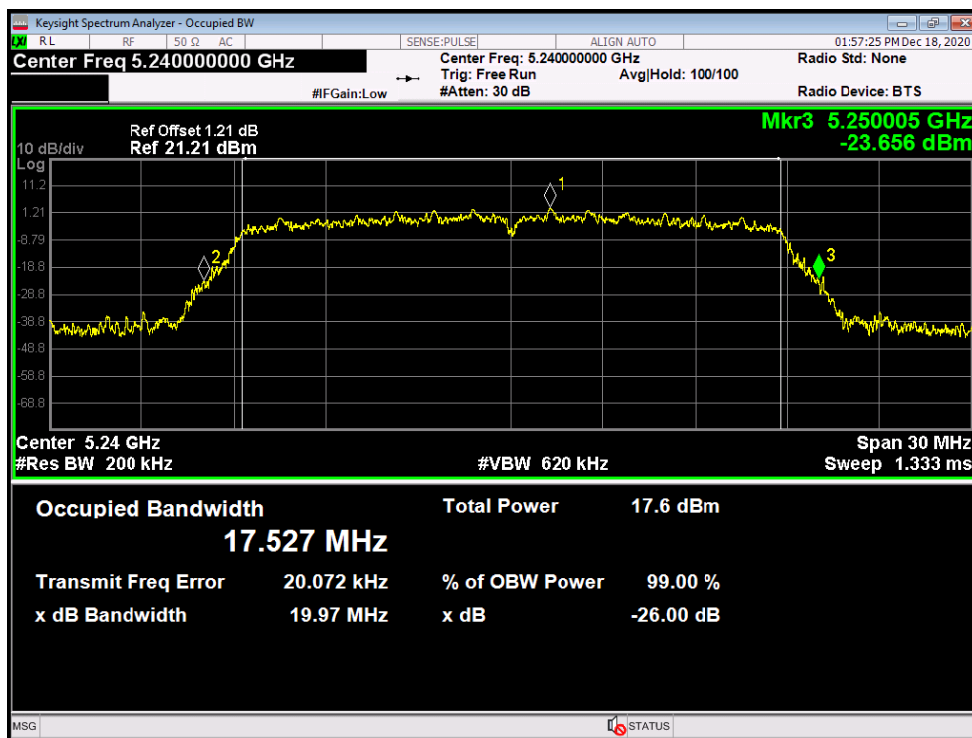
-26dB Bandwidth NVNT ac20 5180MHz Ant1



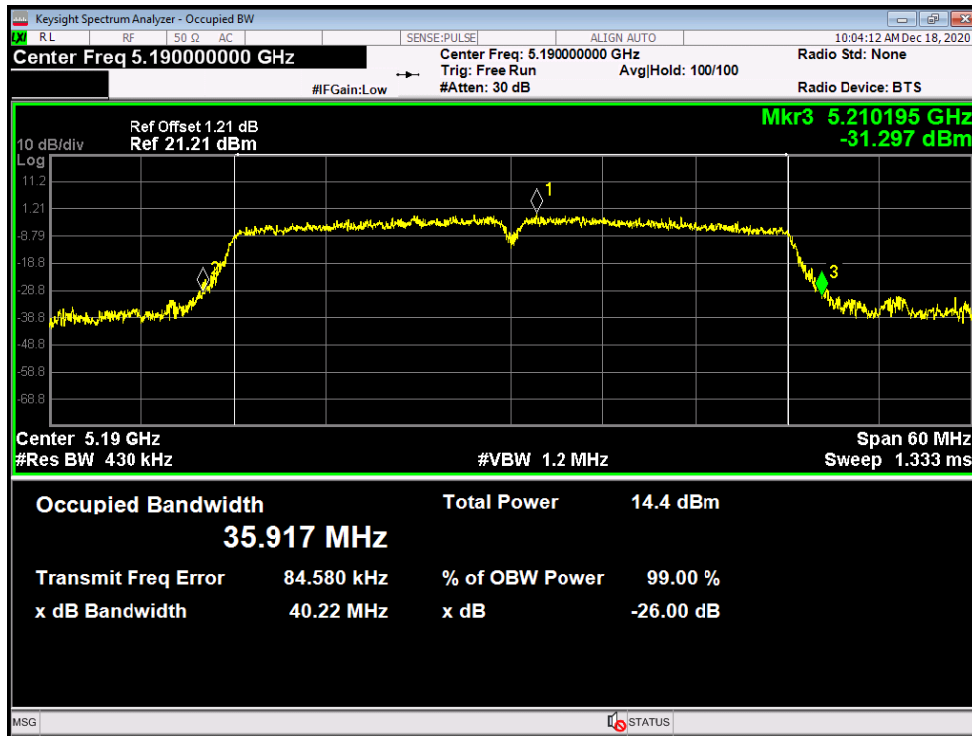
-26dB Bandwidth NVNT ac20 5200MHz Ant1



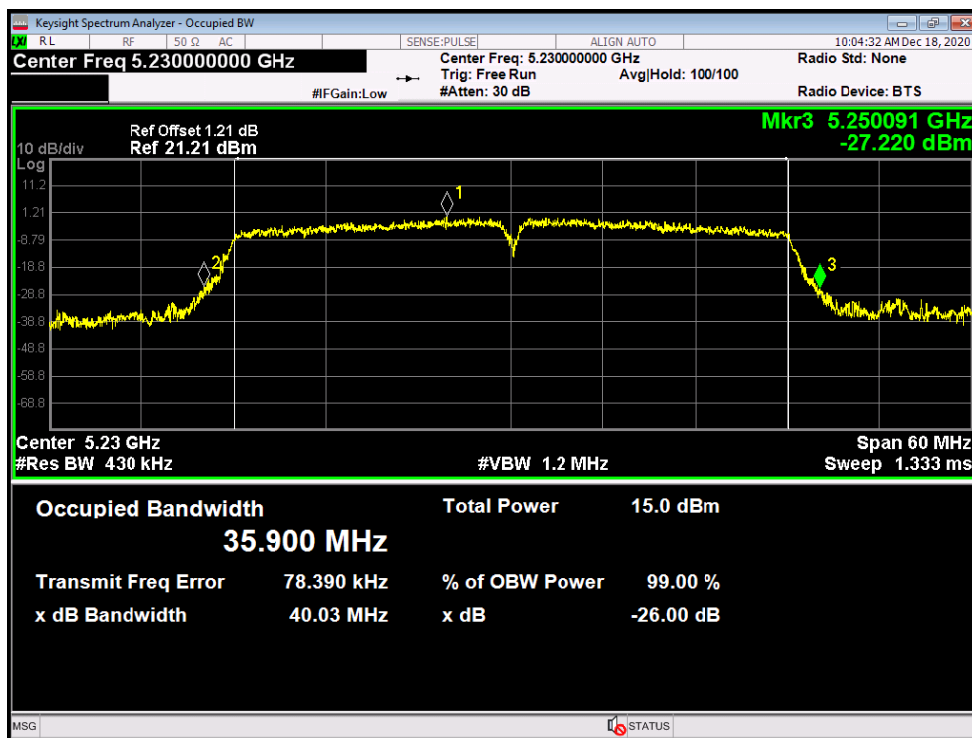
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1

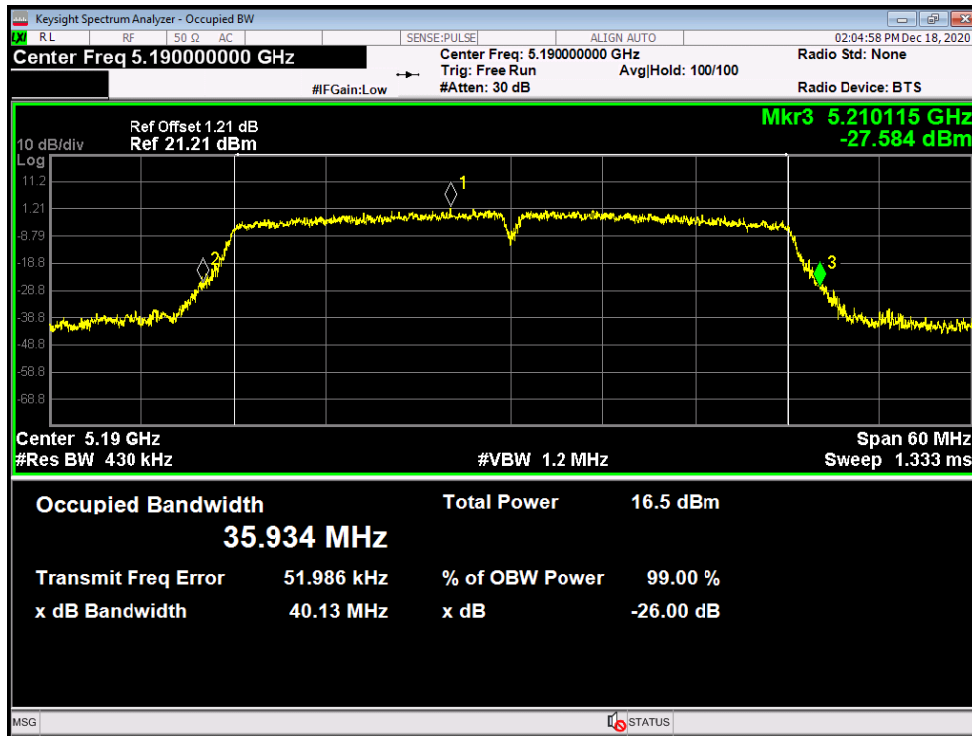


-26dB Bandwidth NVNT ac40 5230MHz Ant1

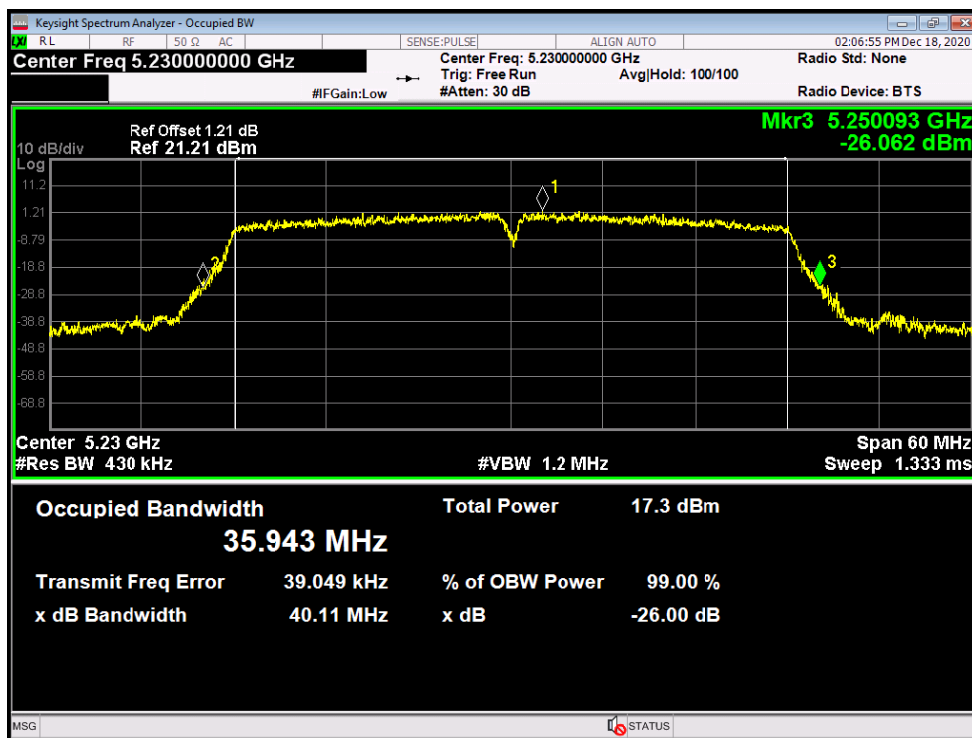


-26dB Bandwidth NVNT ac40 5190MHz Ant1

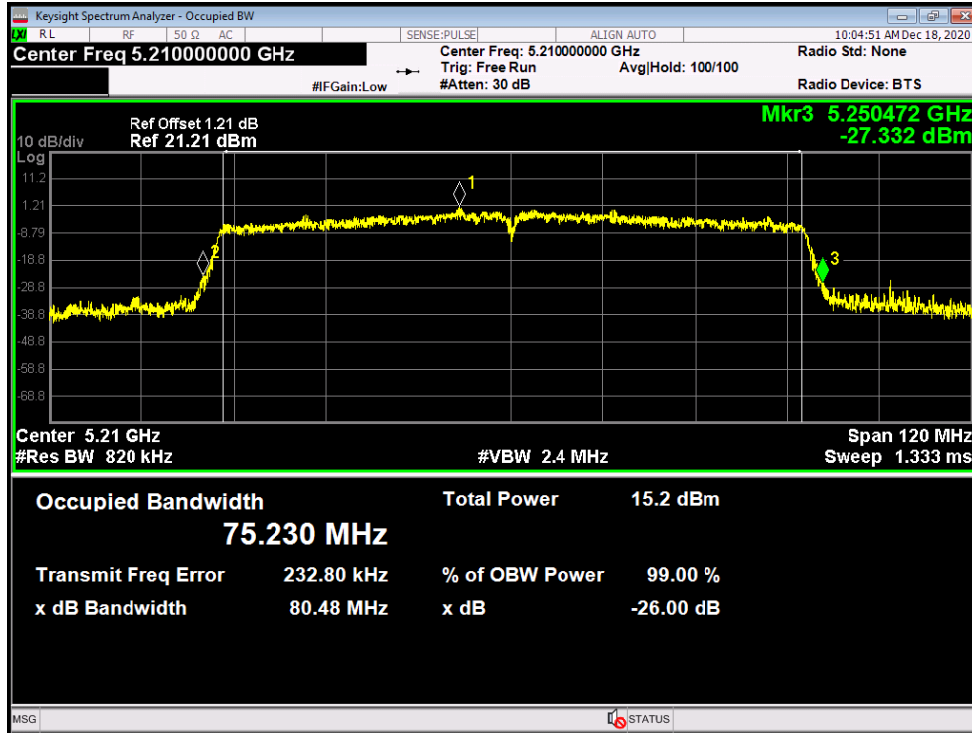




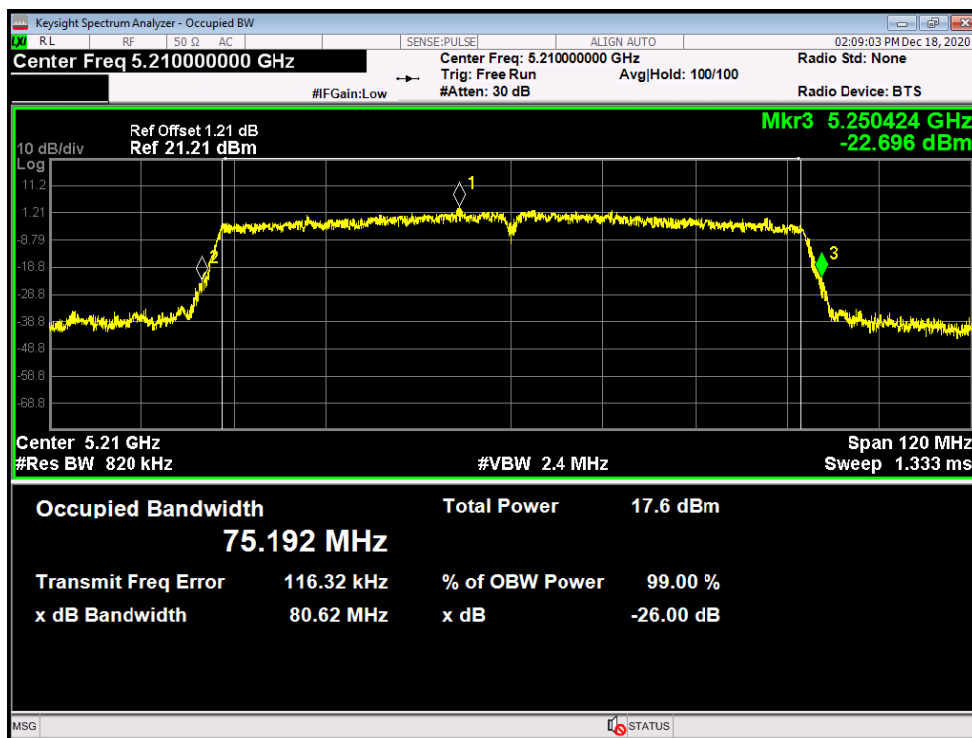
-26dB Bandwidth NVNT ac40 5230MHz Ant1



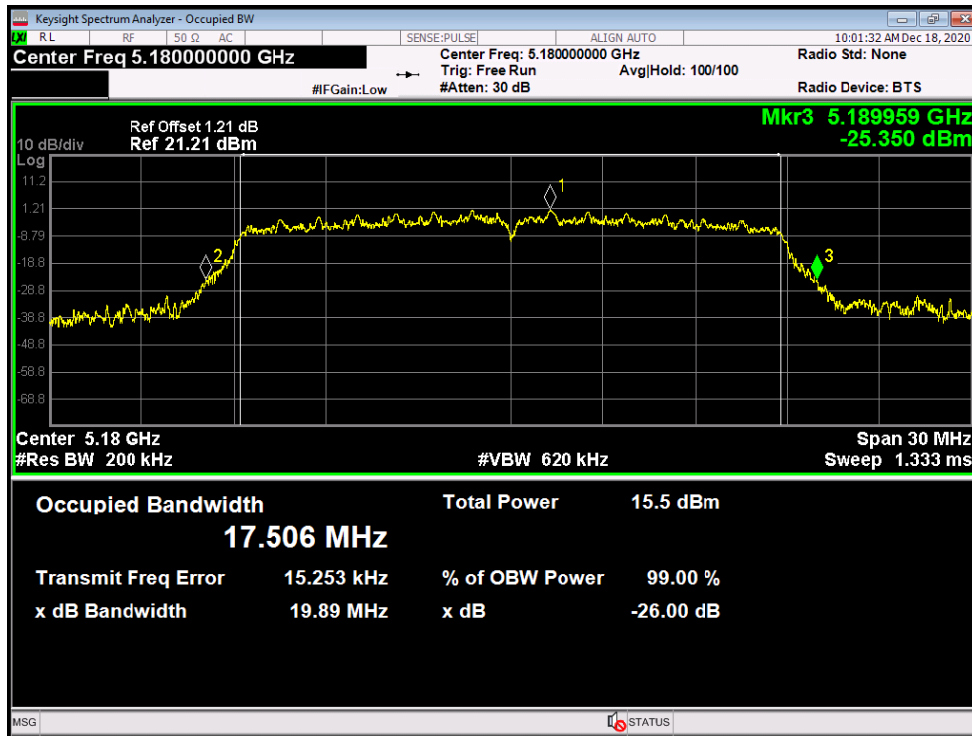
-26dB Bandwidth NVNT ac80 5210MHz Ant1



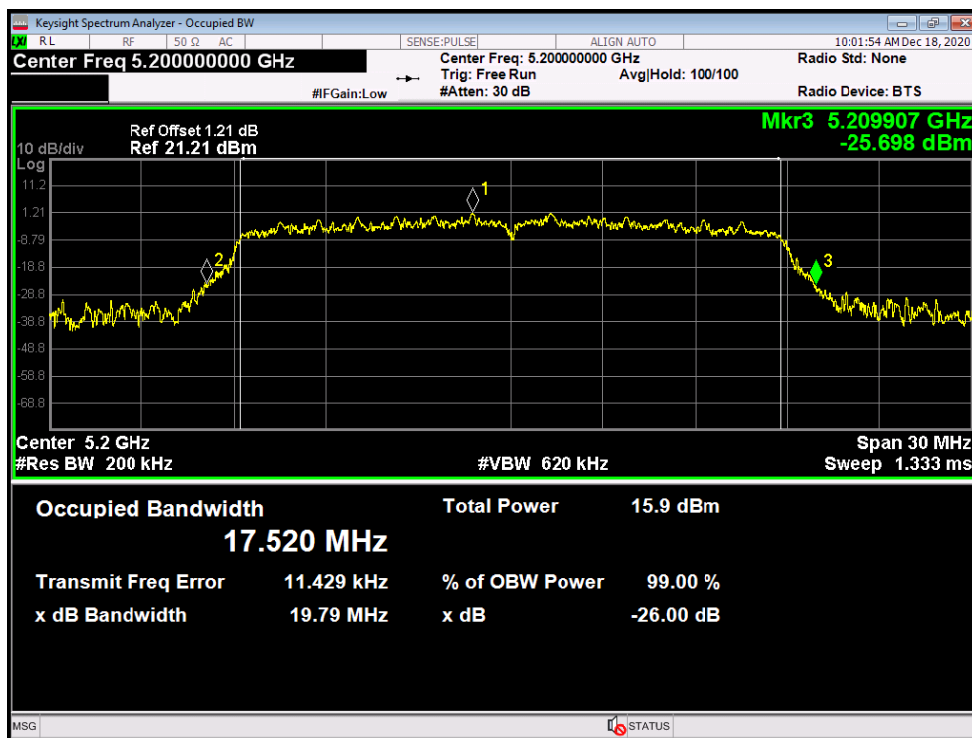
-26dB Bandwidth NVNT ac80 5210MHz Ant1



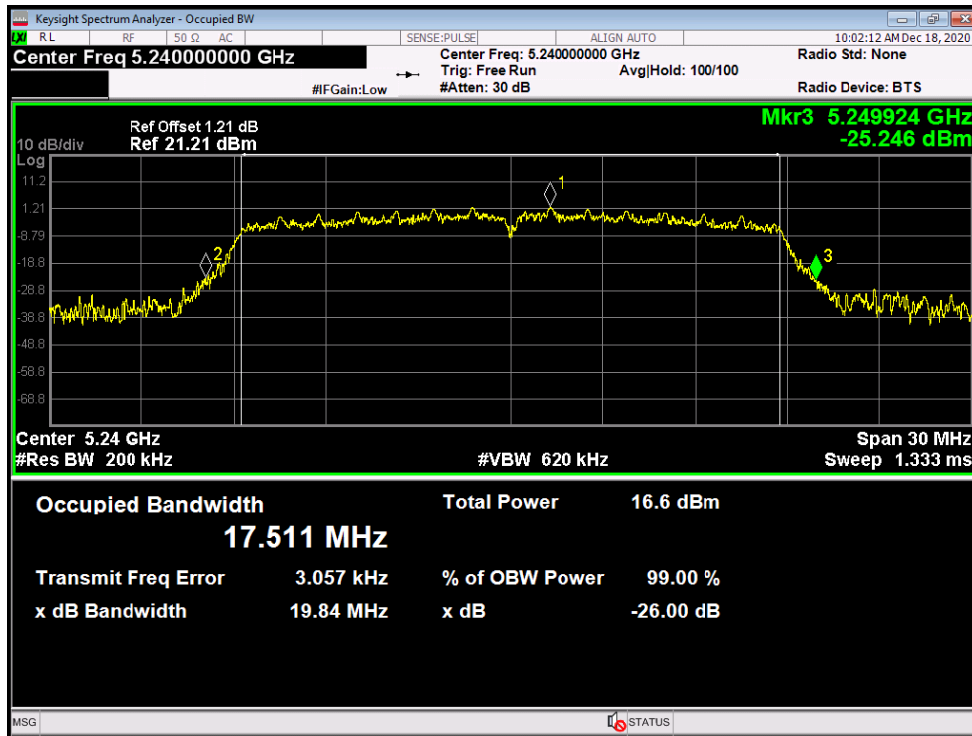
-26dB Bandwidth NVNT n20 5180MHz Ant1



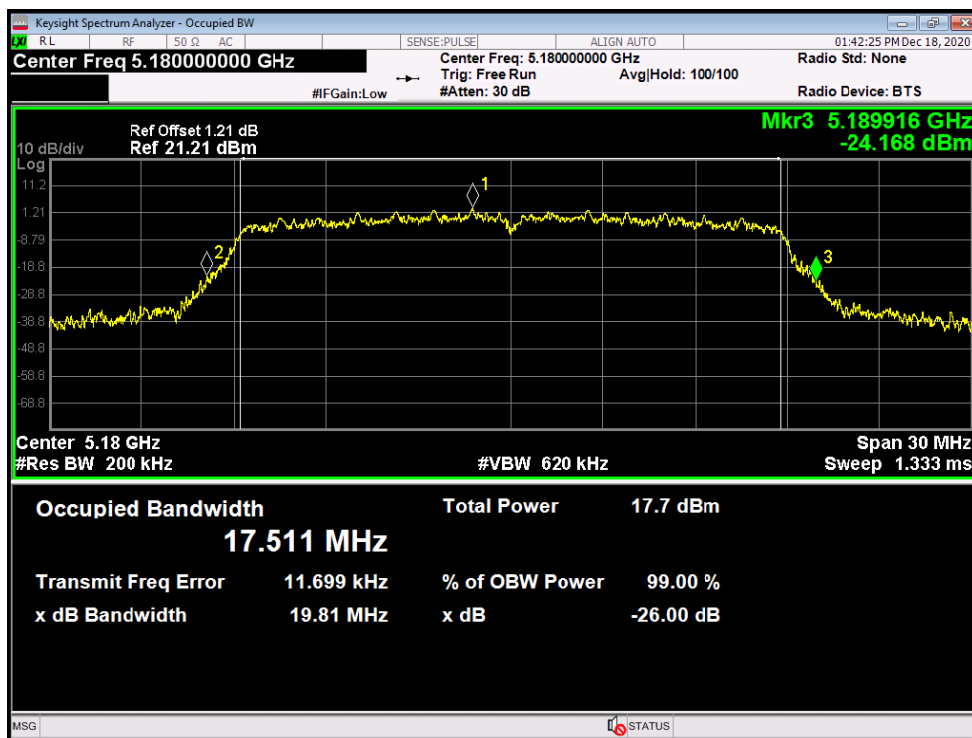
-26dB Bandwidth NVNT n20 5200MHz Ant1



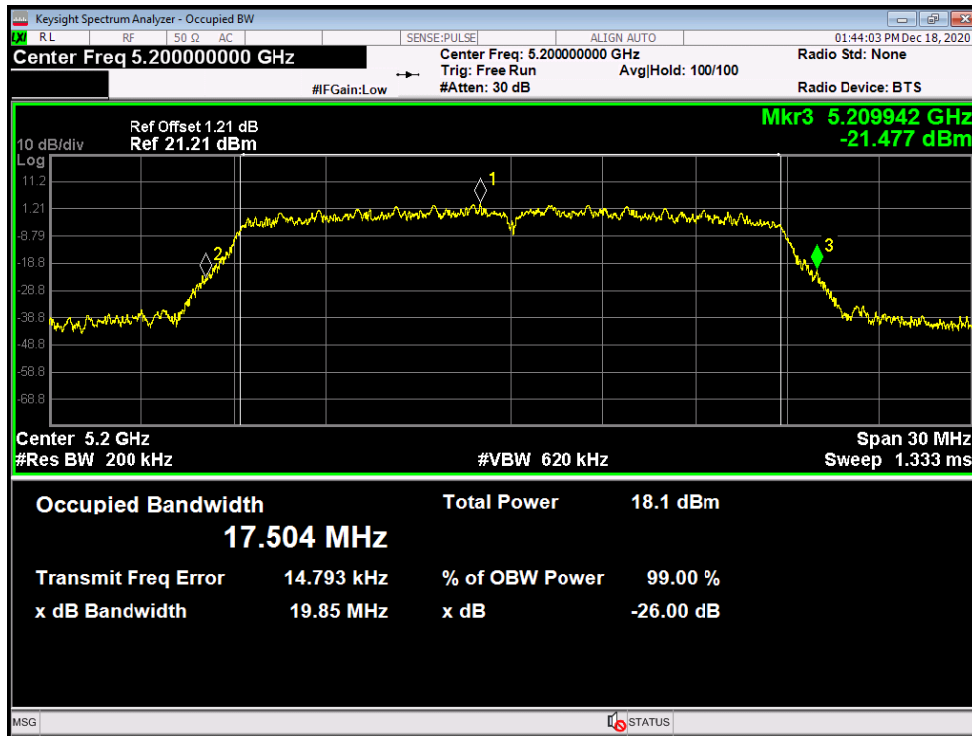
-26dB Bandwidth NVNT n20 5240MHz Ant1



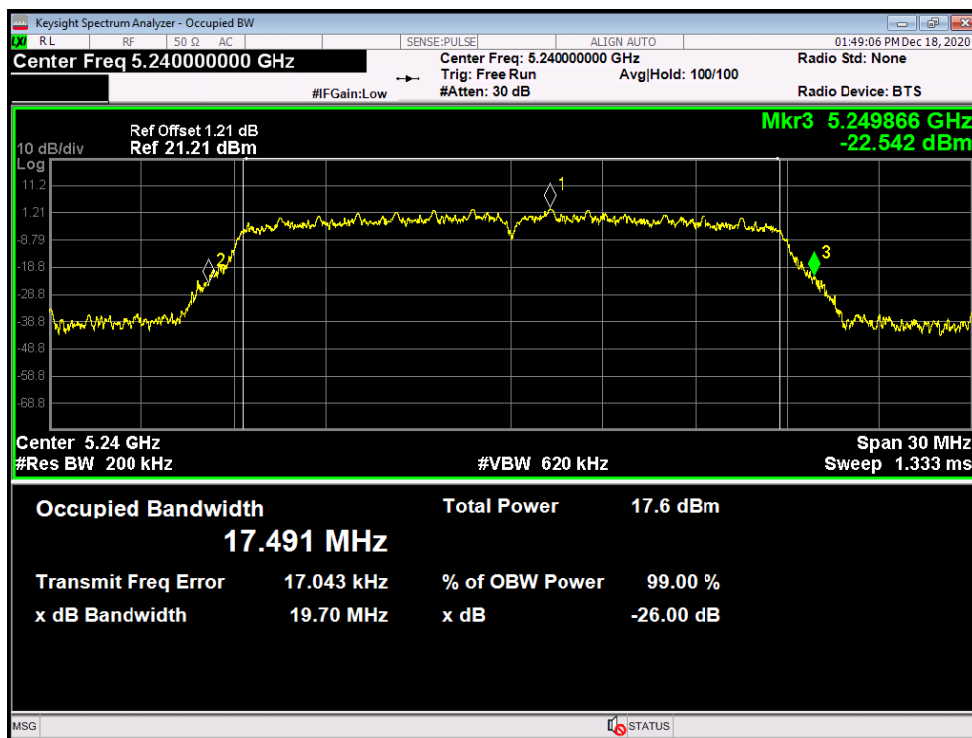
-26dB Bandwidth NVNT n20 5180MHz Ant1



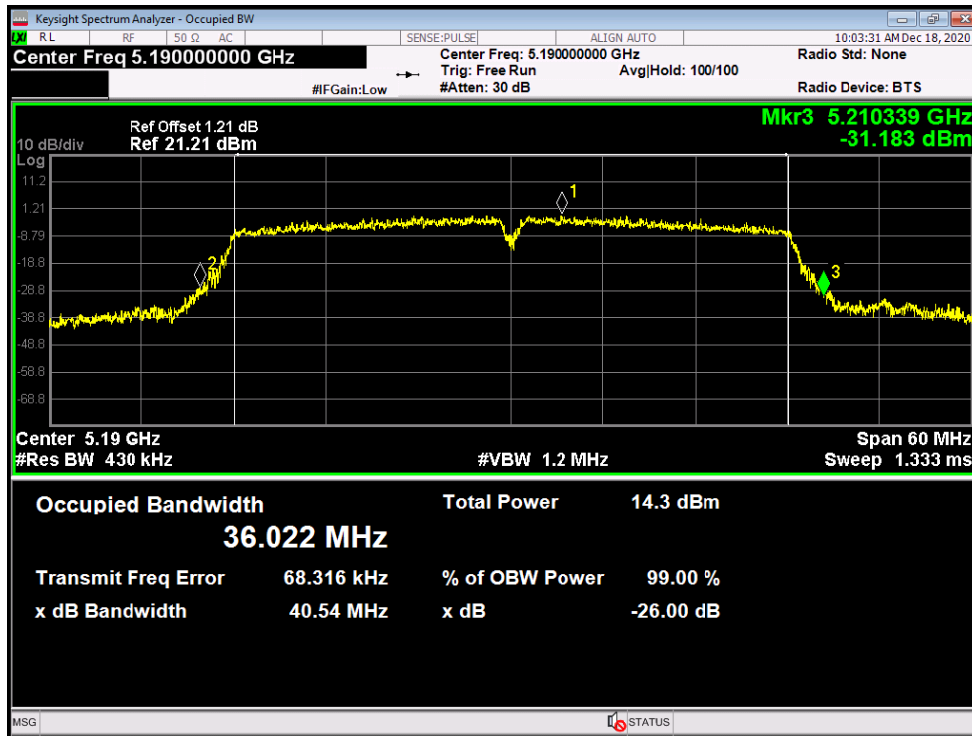
-26dB Bandwidth NVNT n20 5200MHz Ant1



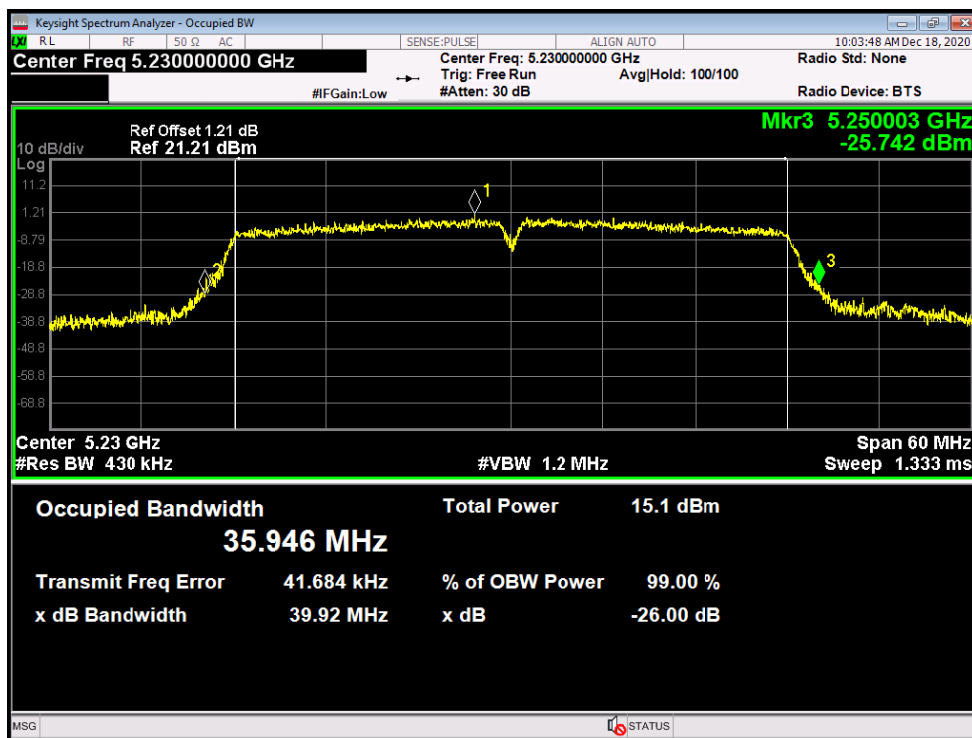
-26dB Bandwidth NVNT n20 5240MHz Ant1



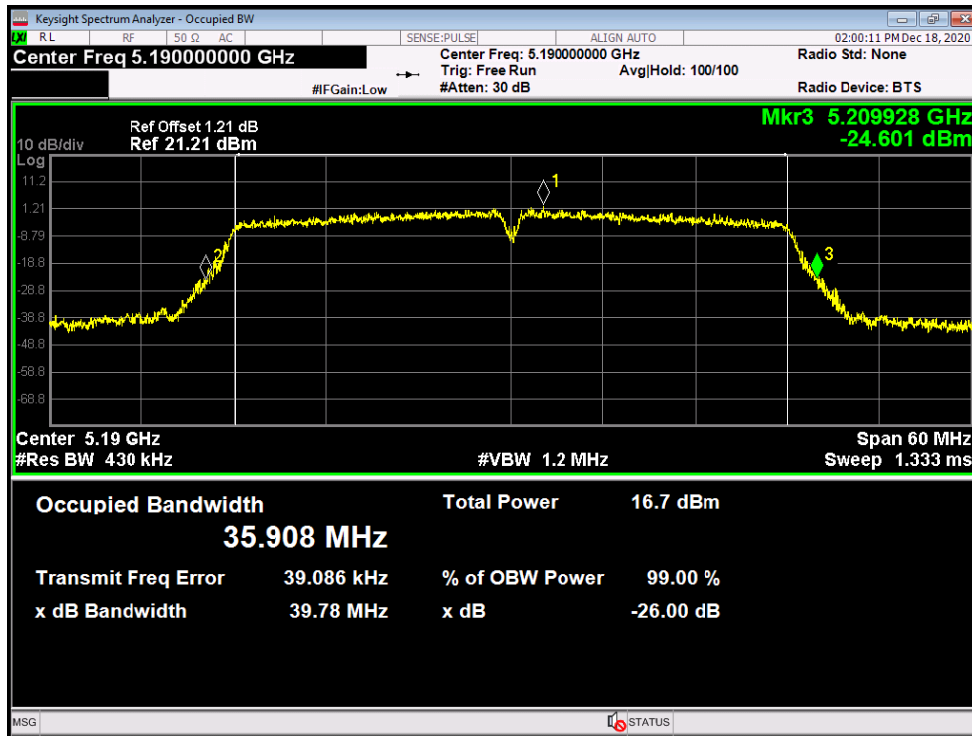
-26dB Bandwidth NVNT n40 5190MHz Ant1



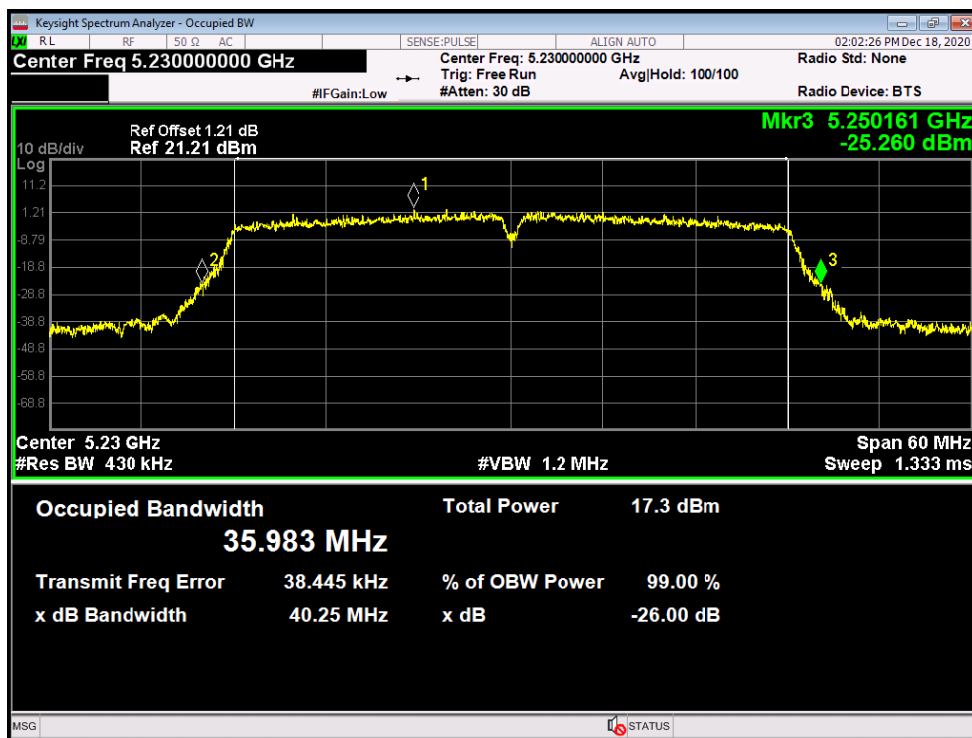
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

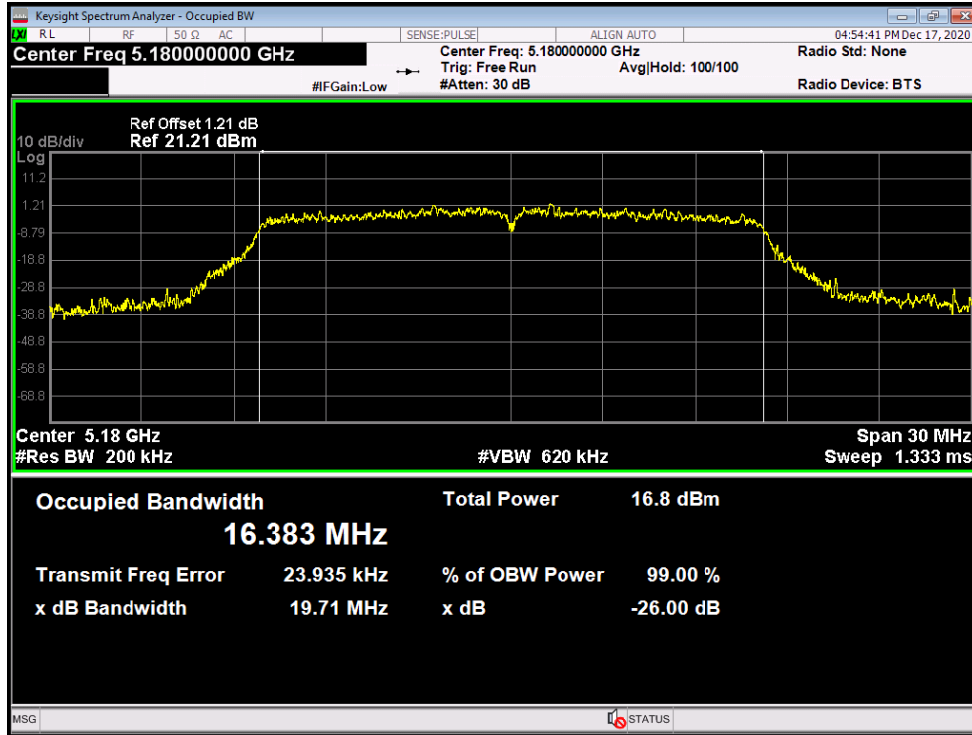


**Occupied Channel Bandwidth**

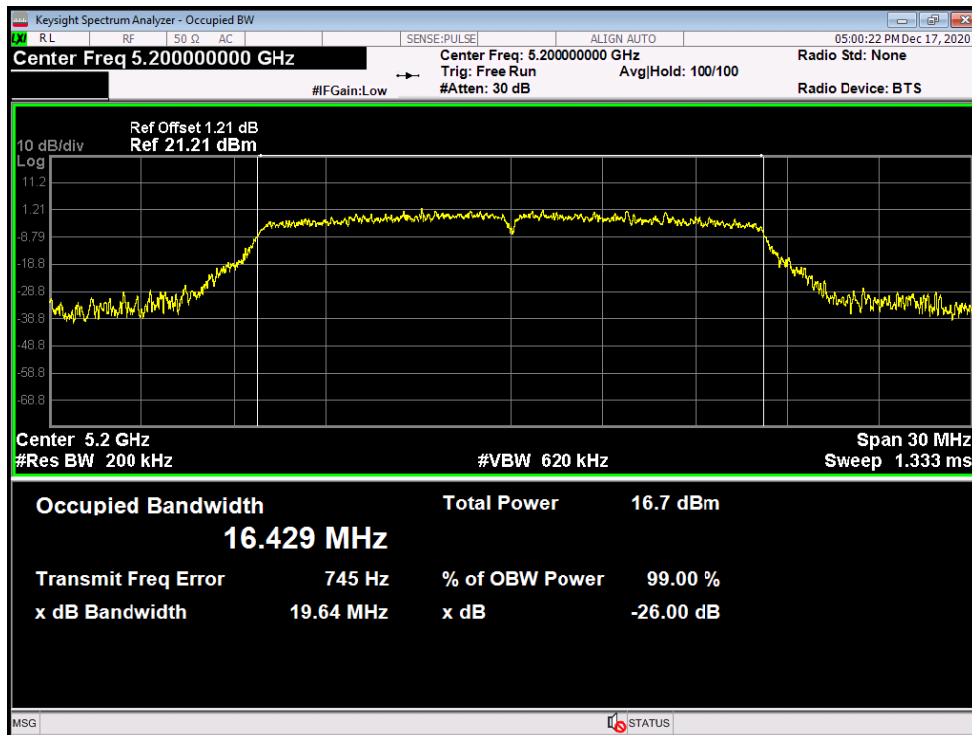
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.383
NVNT	a	5200	Ant1	16.429
NVNT	a	5240	Ant1	16.441
NVNT	a	5180	Ant2	16.364
NVNT	a	5200	Ant2	16.392
NVNT	a	5240	Ant2	16.366
NVNT	ac20	5180	Ant1	17.52
NVNT	ac20	5200	Ant1	17.539
NVNT	ac20	5240	Ant1	17.527
NVNT	ac20	5180	Ant2	17.522
NVNT	ac20	5200	Ant2	17.51
NVNT	ac20	5240	Ant2	17.511
NVNT	ac40	5190	Ant1	36
NVNT	ac40	5230	Ant1	35.937
NVNT	ac40	5190	Ant2	35.895
NVNT	ac40	5230	Ant2	35.943
NVNT	ac80	5210	Ant1	75.088
NVNT	ac80	5210	Ant2	75.227
NVNT	n20	5180	Ant1	17.549
NVNT	n20	5200	Ant1	17.525
NVNT	n20	5240	Ant1	17.534
NVNT	n20	5180	Ant2	17.5
NVNT	n20	5200	Ant2	17.508
NVNT	n20	5240	Ant2	17.511
NVNT	n40	5190	Ant1	36.011
NVNT	n40	5230	Ant1	35.95
NVNT	n40	5190	Ant2	35.938
NVNT	n40	5230	Ant2	35.929

OBW NVNT a 5180MHz Ant1

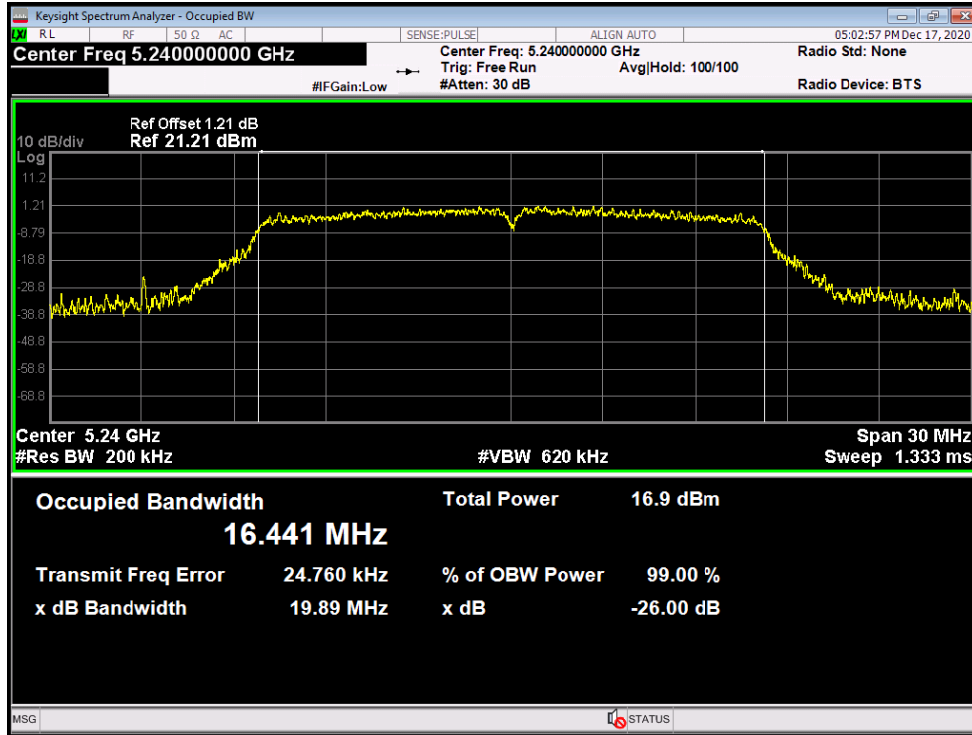




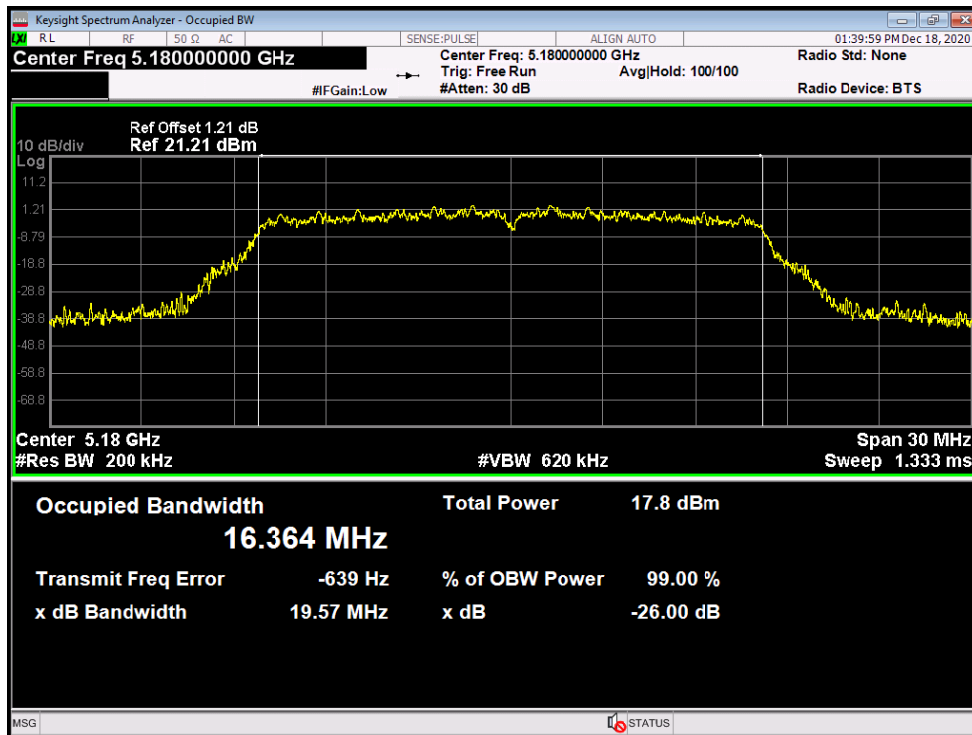
OBW NVNT a 5200MHz Ant1



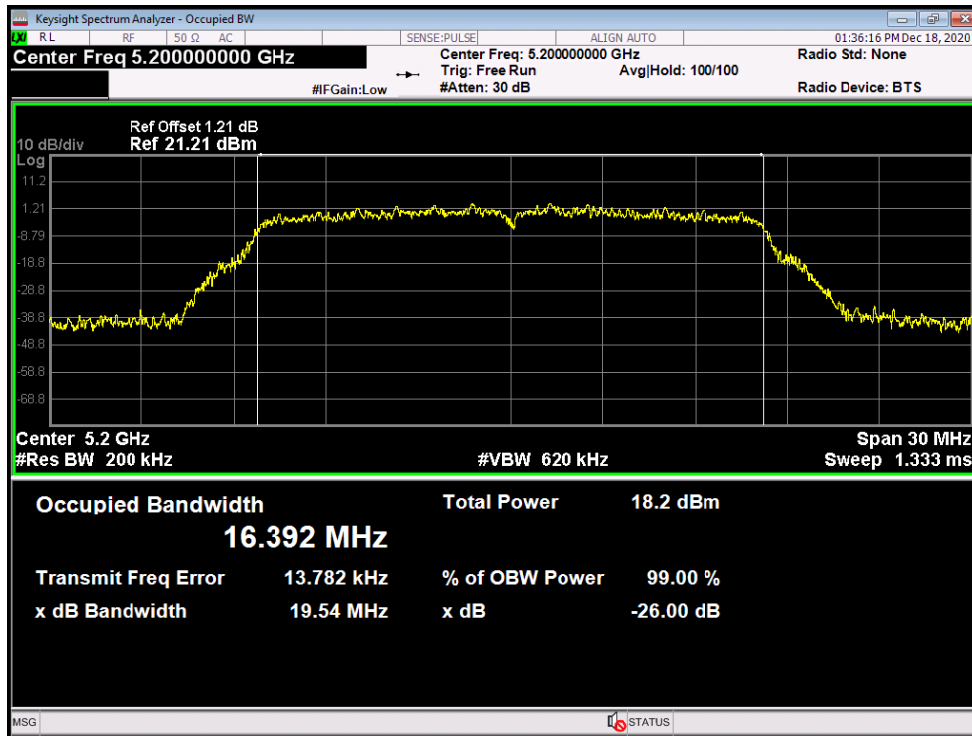
OBW NVNT a 5240MHz Ant1



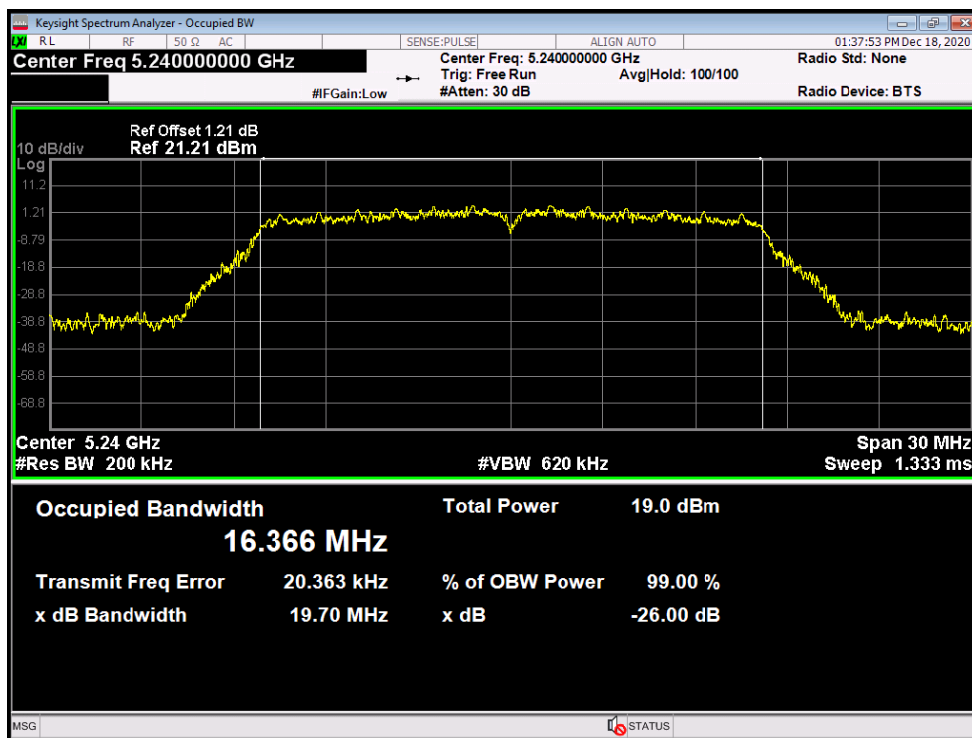
OBW NVNT a 5180MHz Ant1



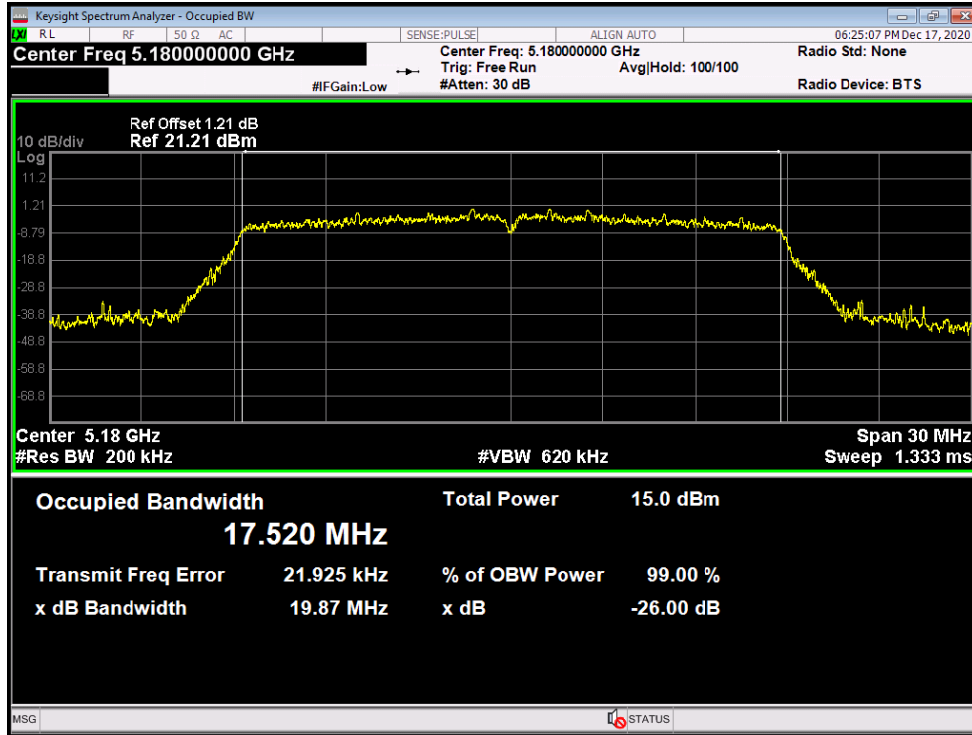
OBW NVNT a 5200MHz Ant1



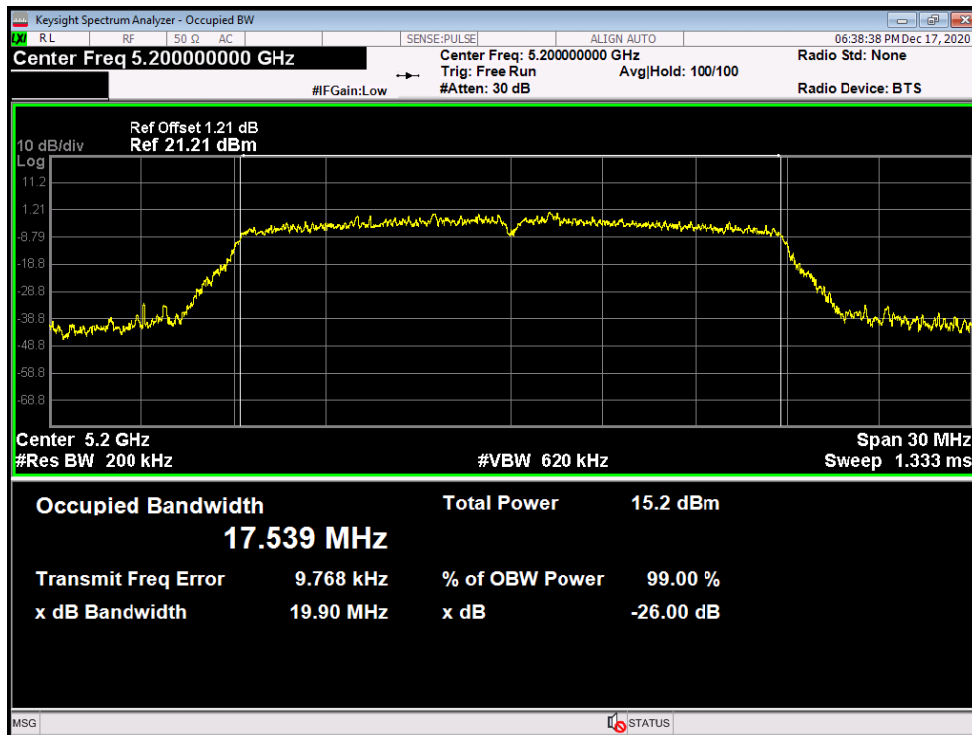
OBW NVNT a 5240MHz Ant1



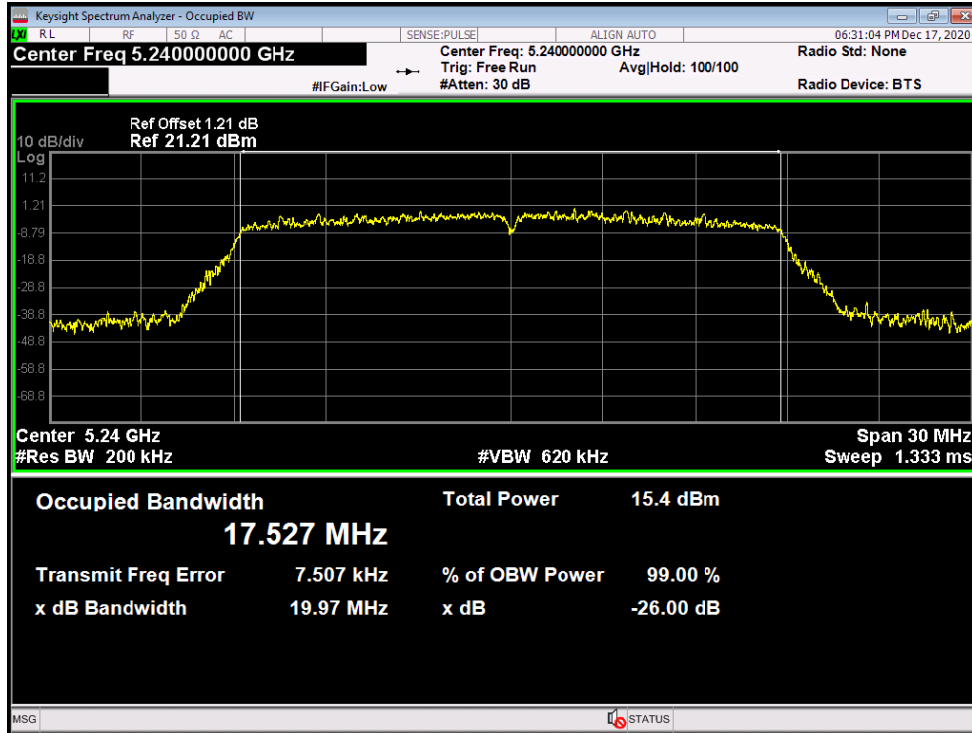
OBW NVNT ac20 5180MHz Ant1



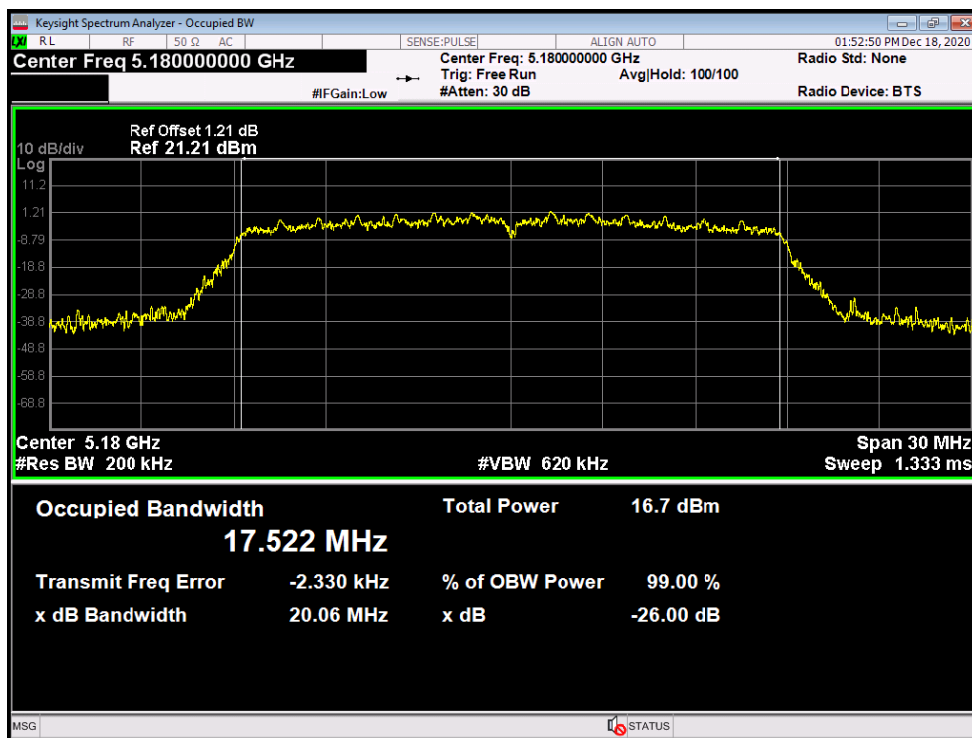
OBW NVNT ac20 5200MHz Ant1



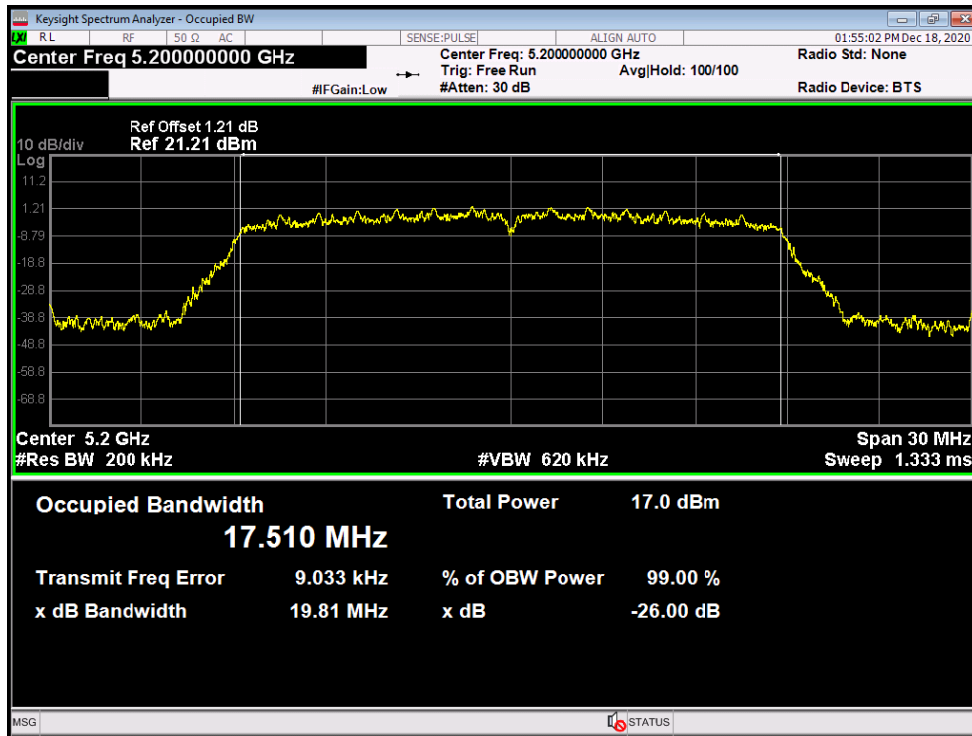
OBW NVNT ac20 5240MHz Ant1



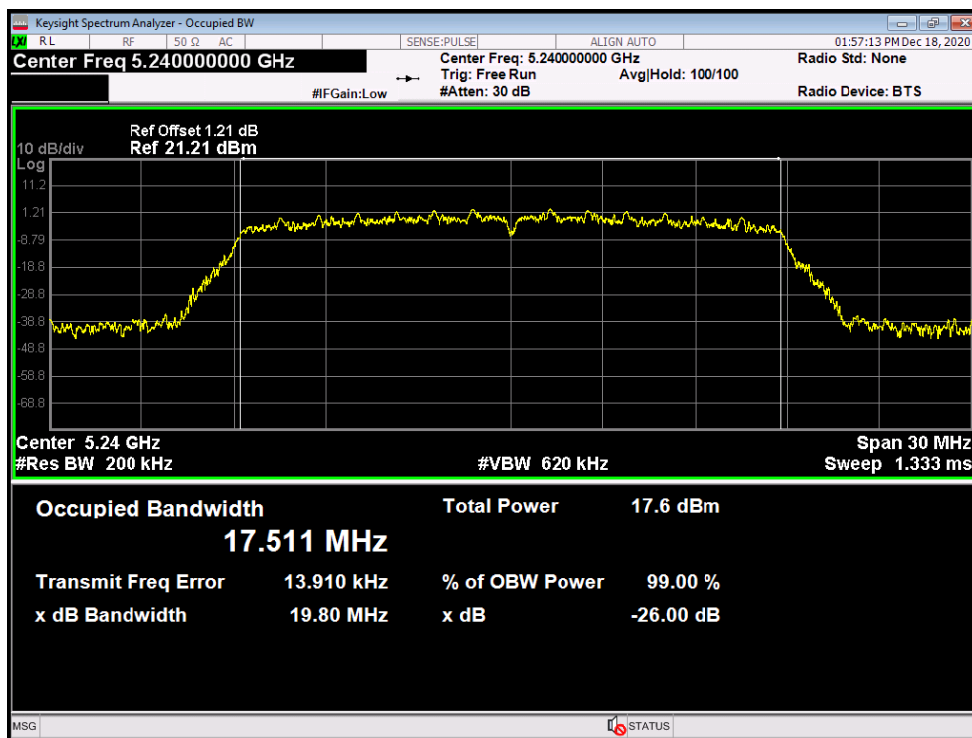
OBW NVNT ac20 5180MHz Ant1



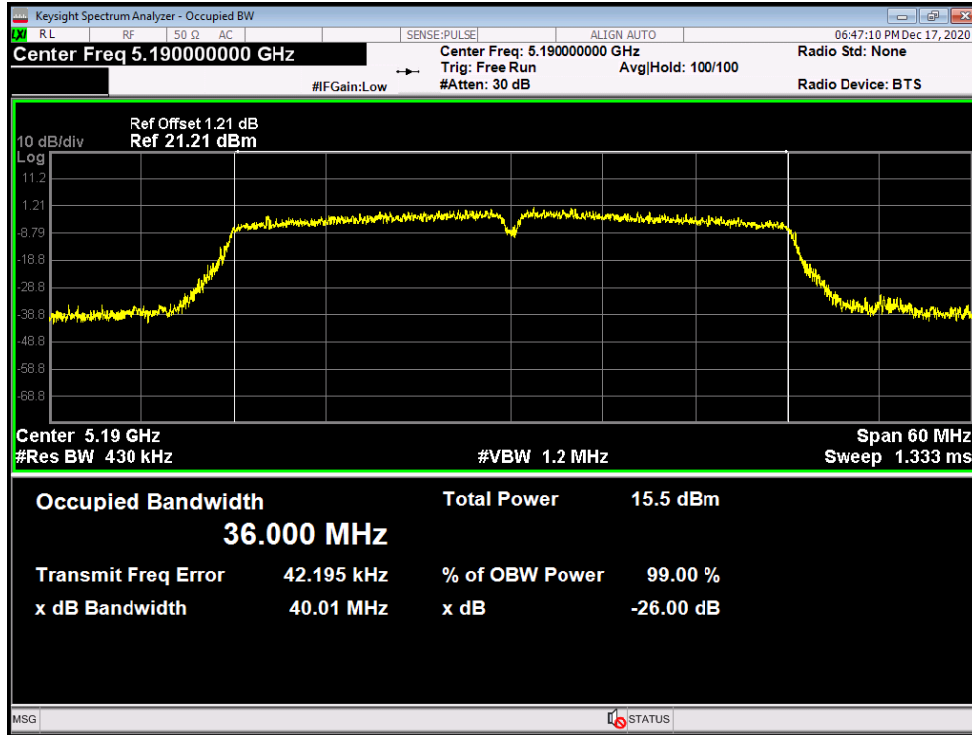
OBW NVNT ac20 5200MHz Ant1



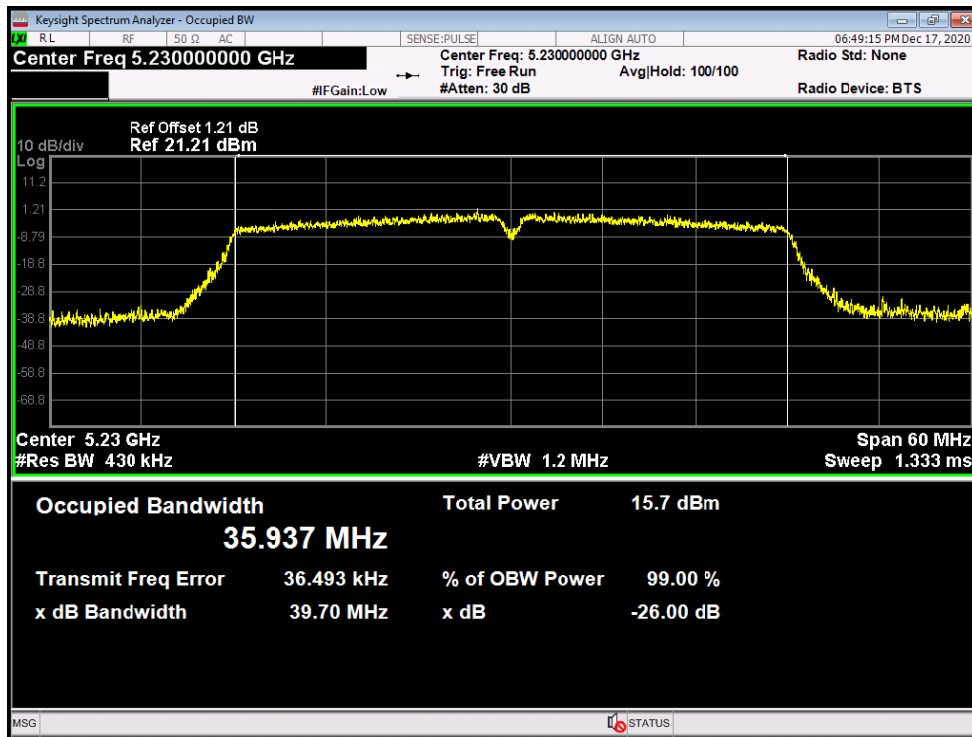
OBW NVNT ac20 5240MHz Ant1



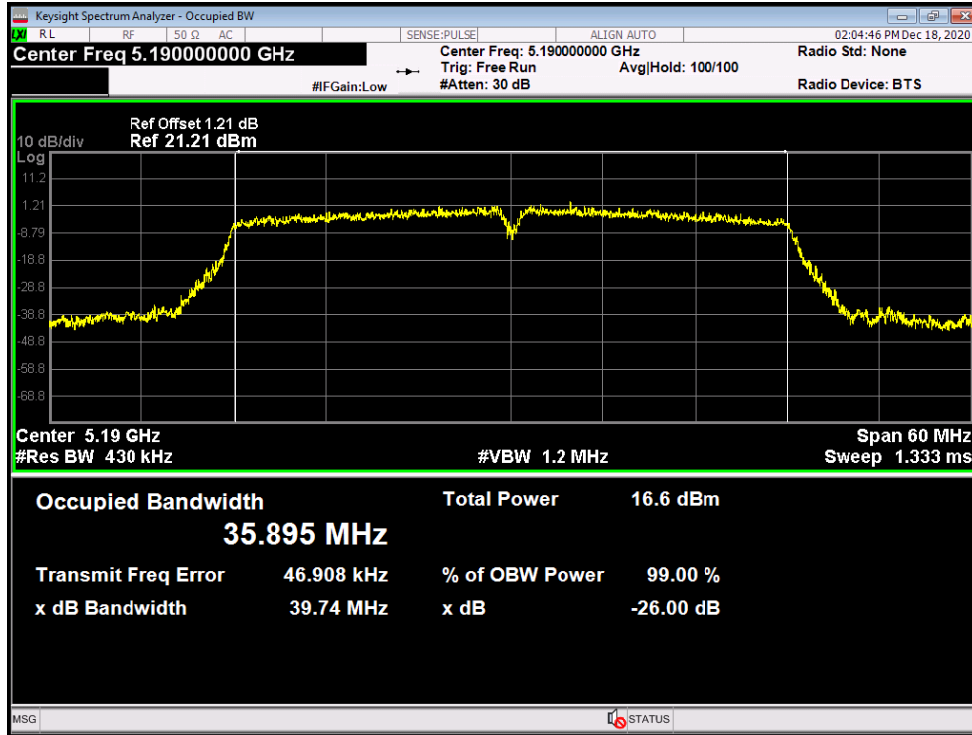
OBW NVNT ac40 5190MHz Ant1



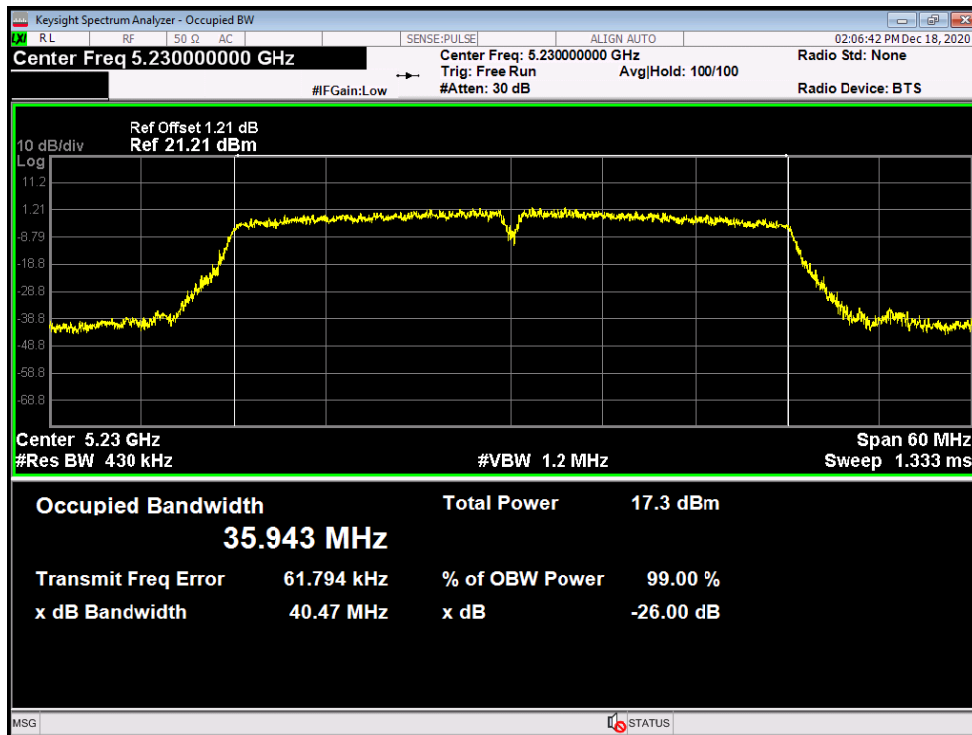
OBW NVNT ac40 5230MHz Ant1



OBW NVNT ac40 5190MHz Ant1

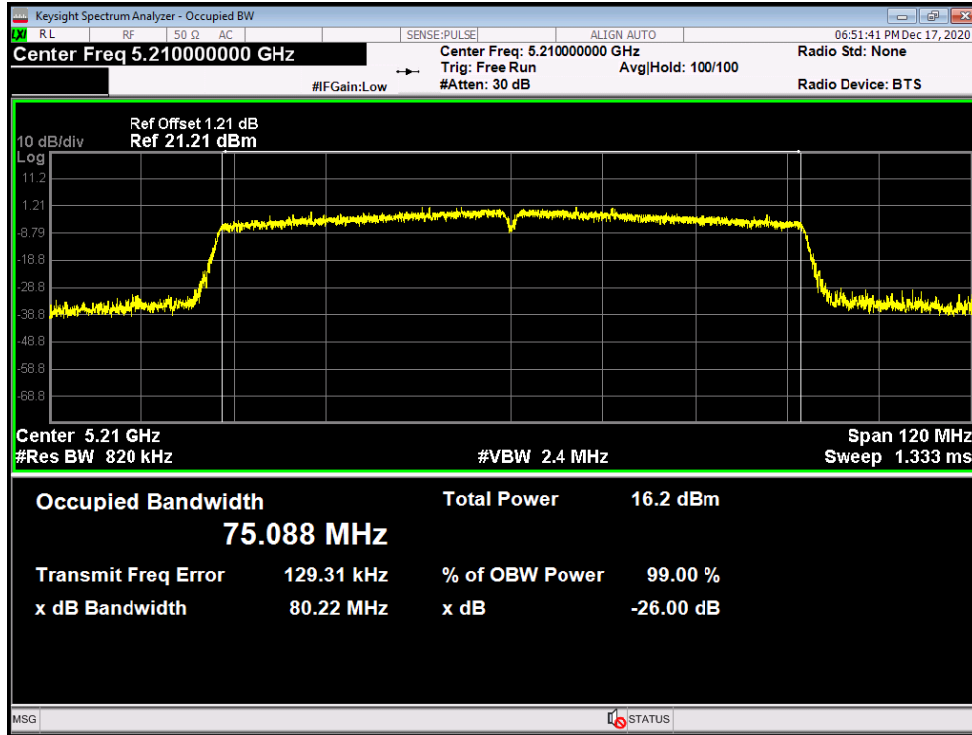


OBW NVNT ac40 5230MHz Ant1

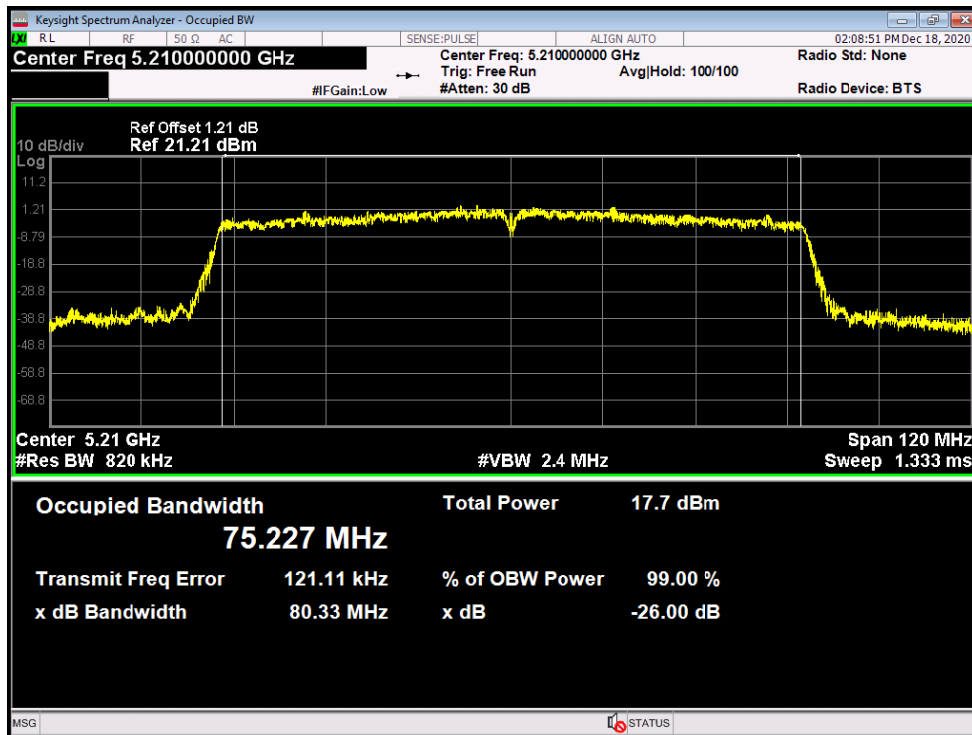


OBW NVNT ac80 5210MHz Ant1

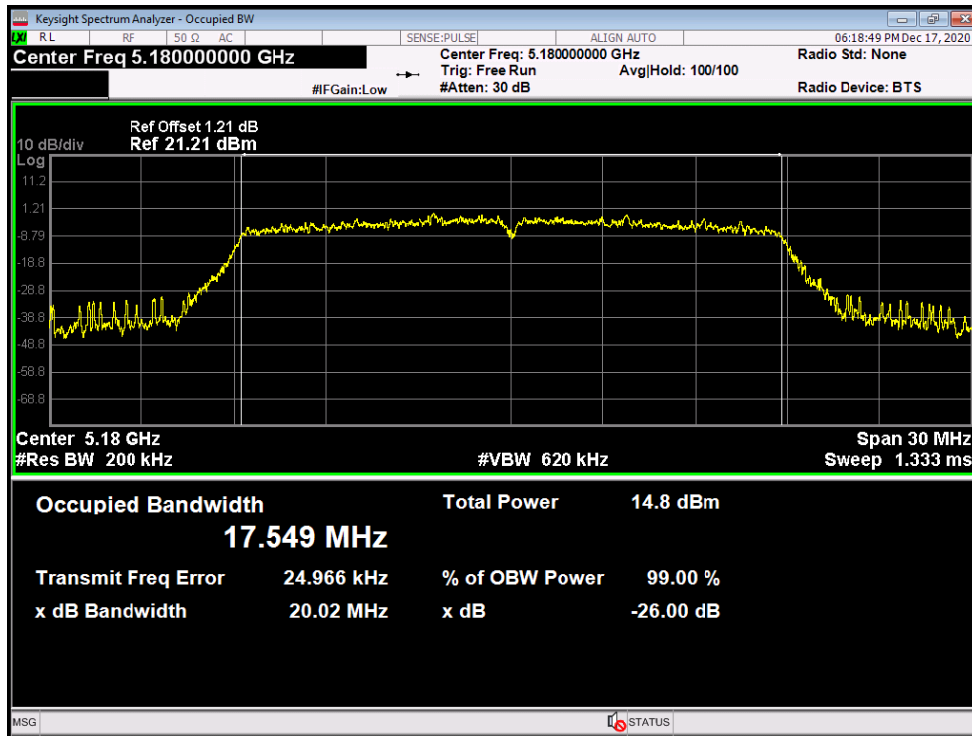




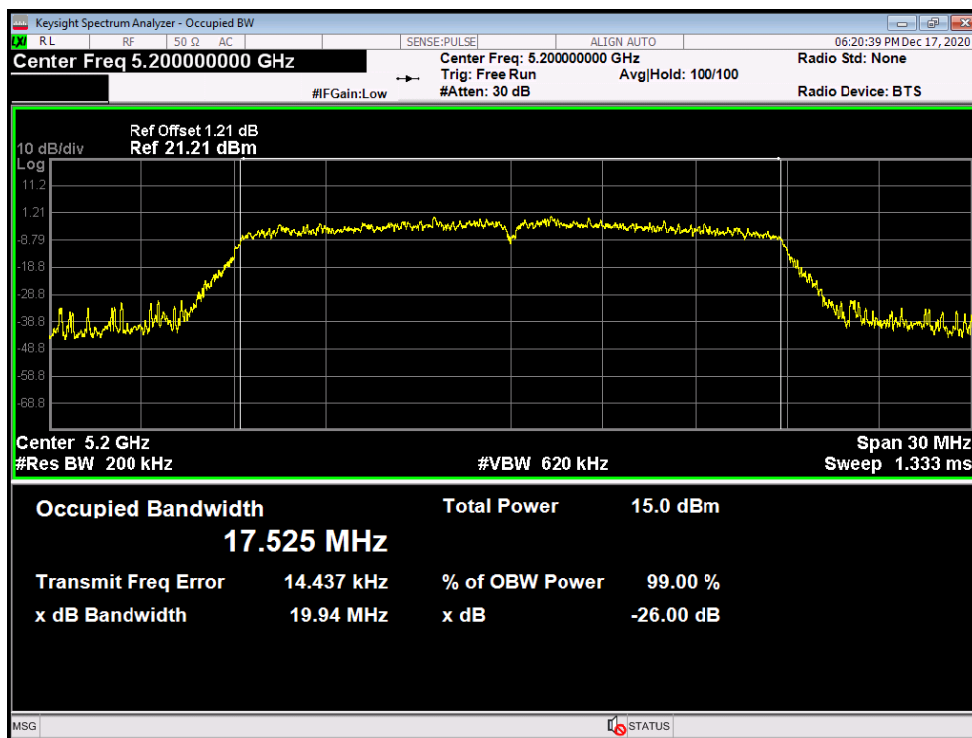
OBW NVNT ac80 5210MHz Ant1



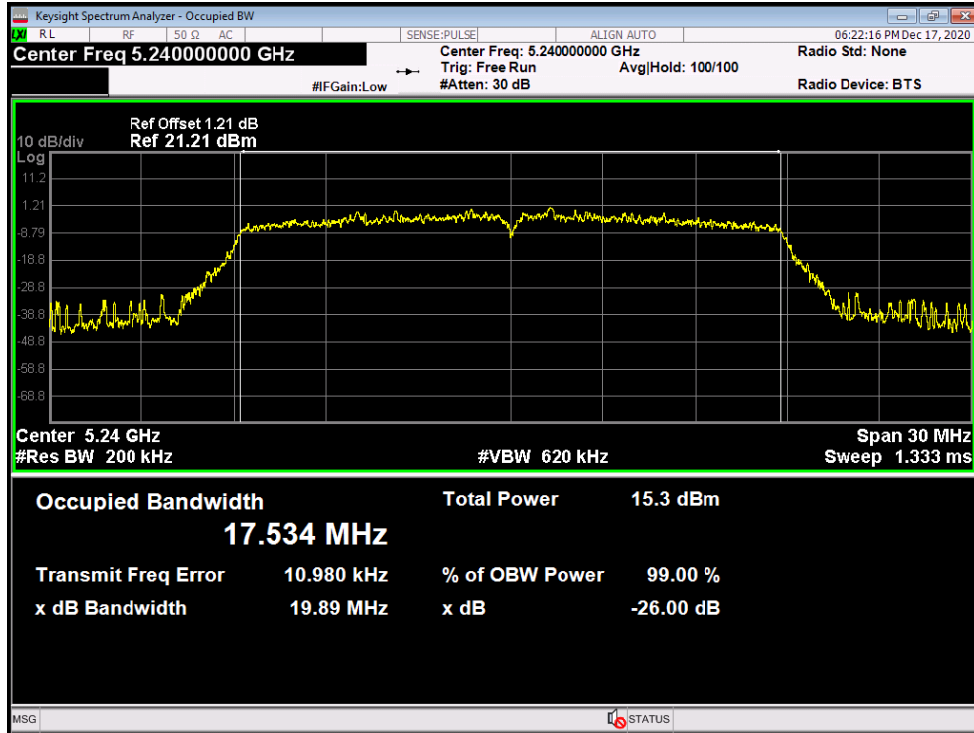
OBW NVNT n20 5180MHz Ant1



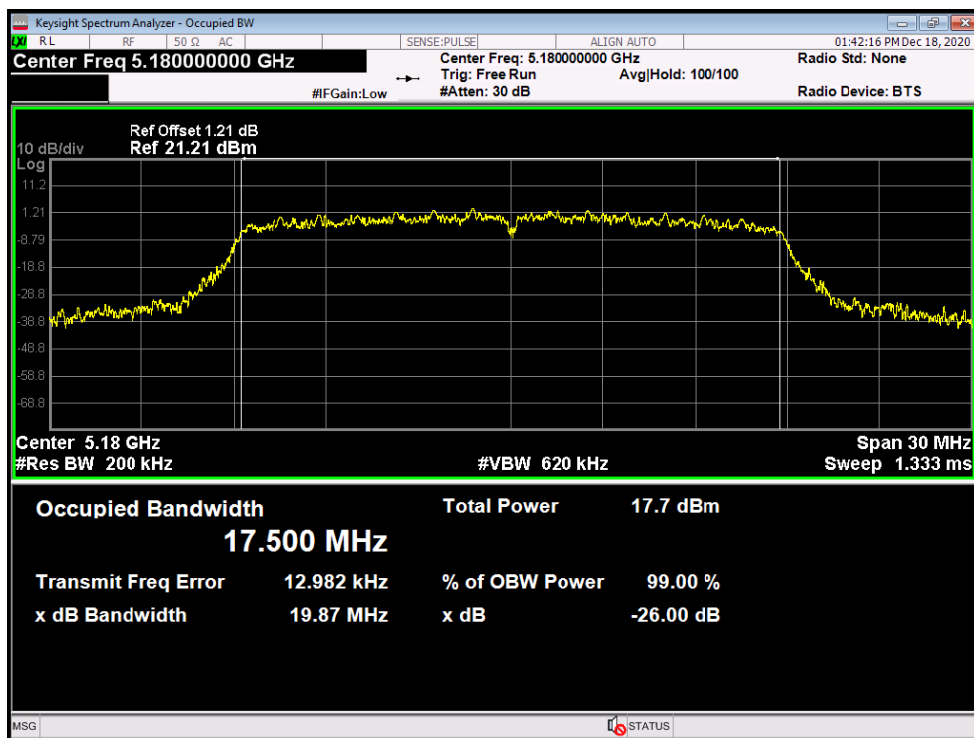
OBW NVNT n20 5200MHz Ant1



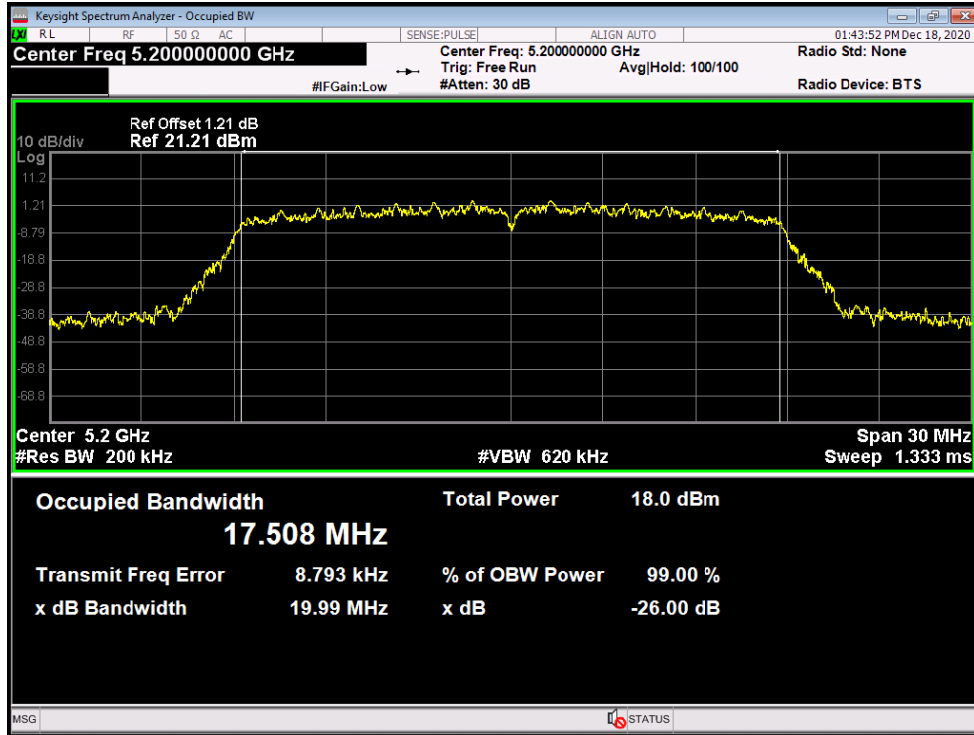
OBW NVNT n20 5240MHz Ant1



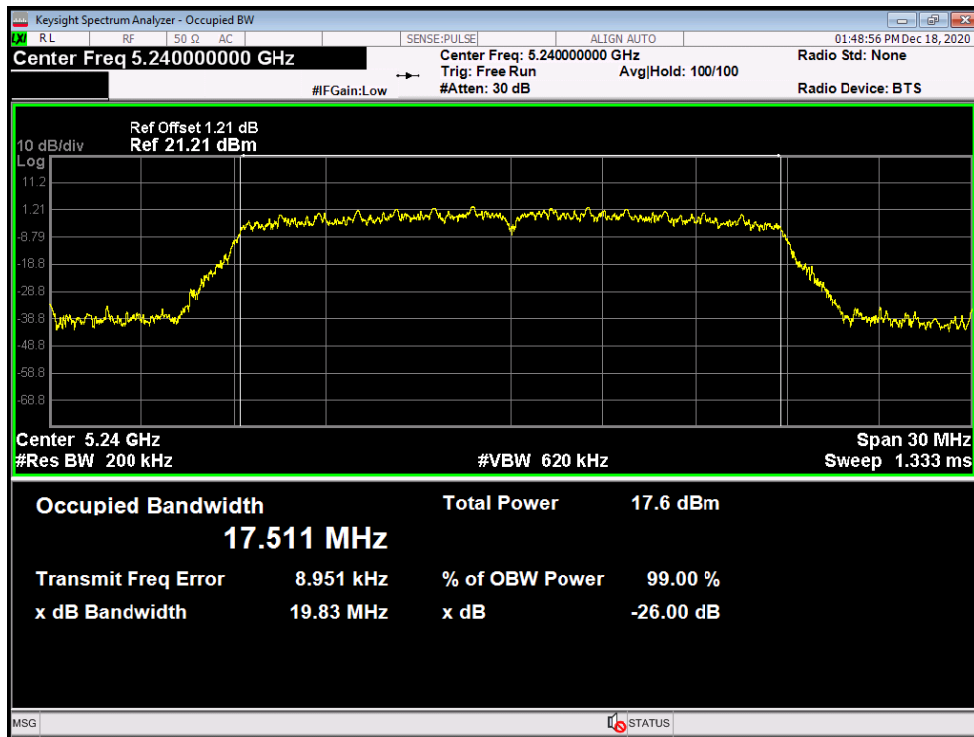
OBW NVNT n20 5180MHz Ant1



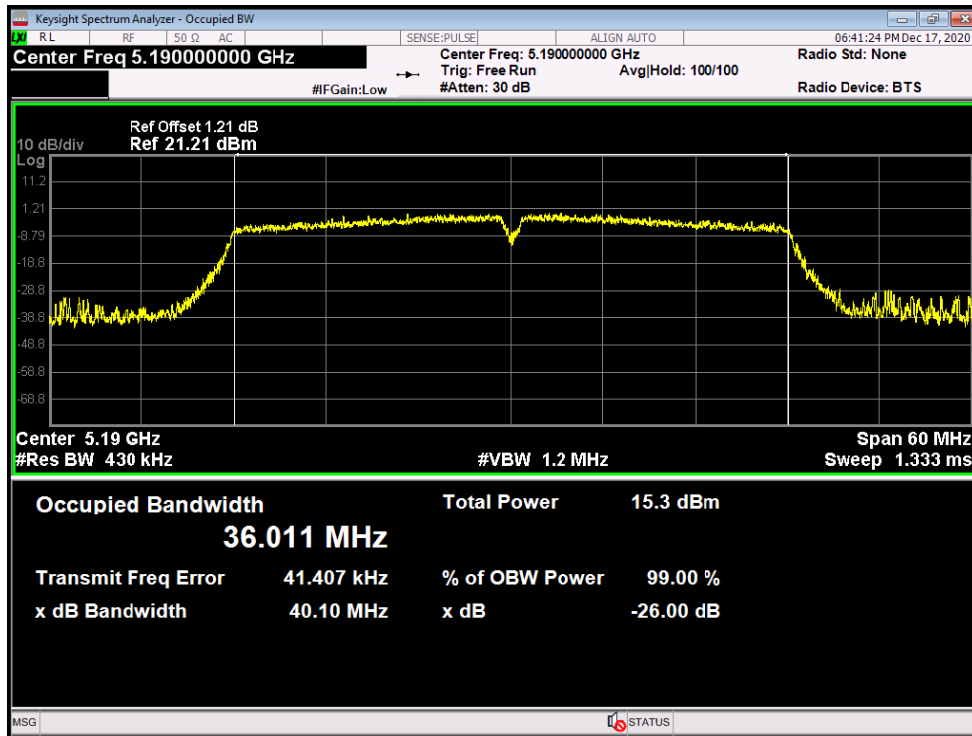
OBW NVNT n20 5200MHz Ant1



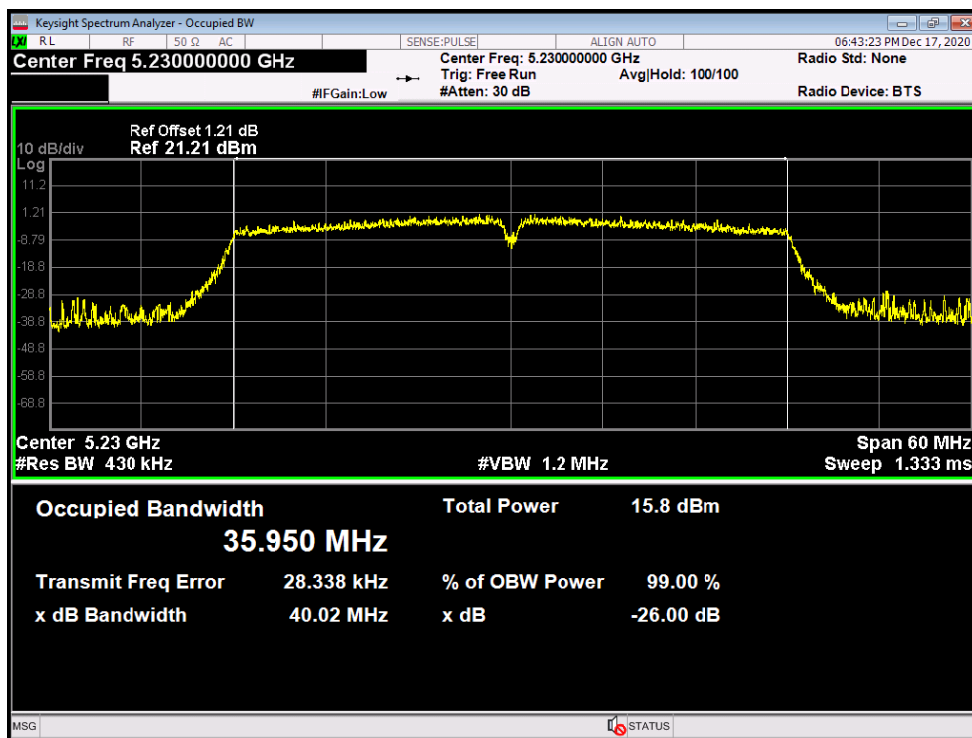
OBW NVNT n20 5240MHz Ant1



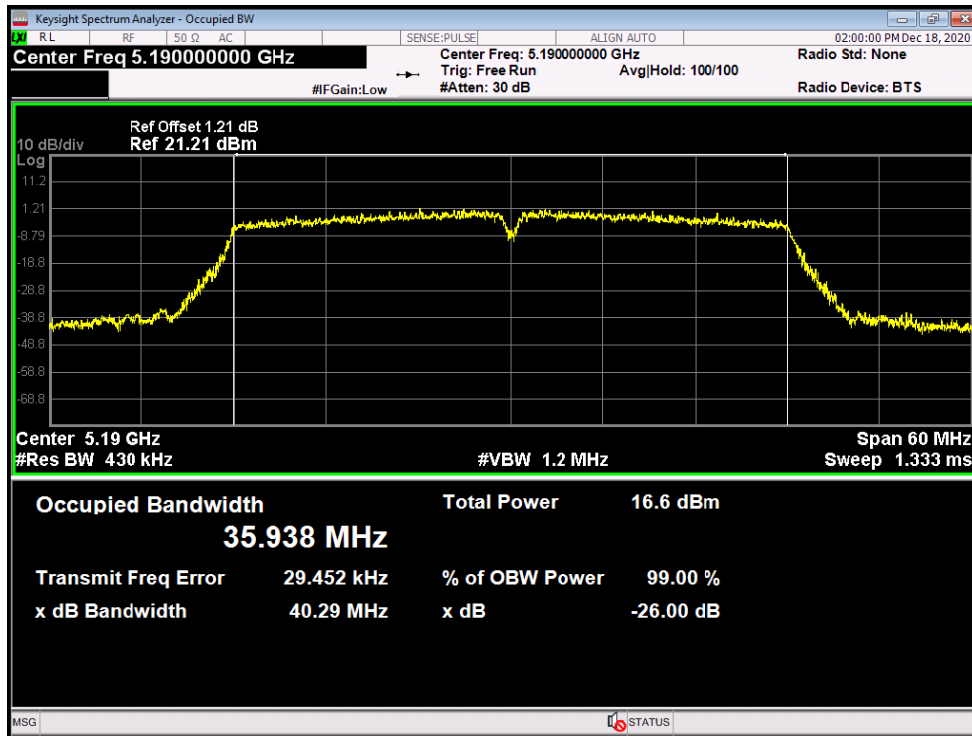
OBW NVNT n40 5190MHz Ant1



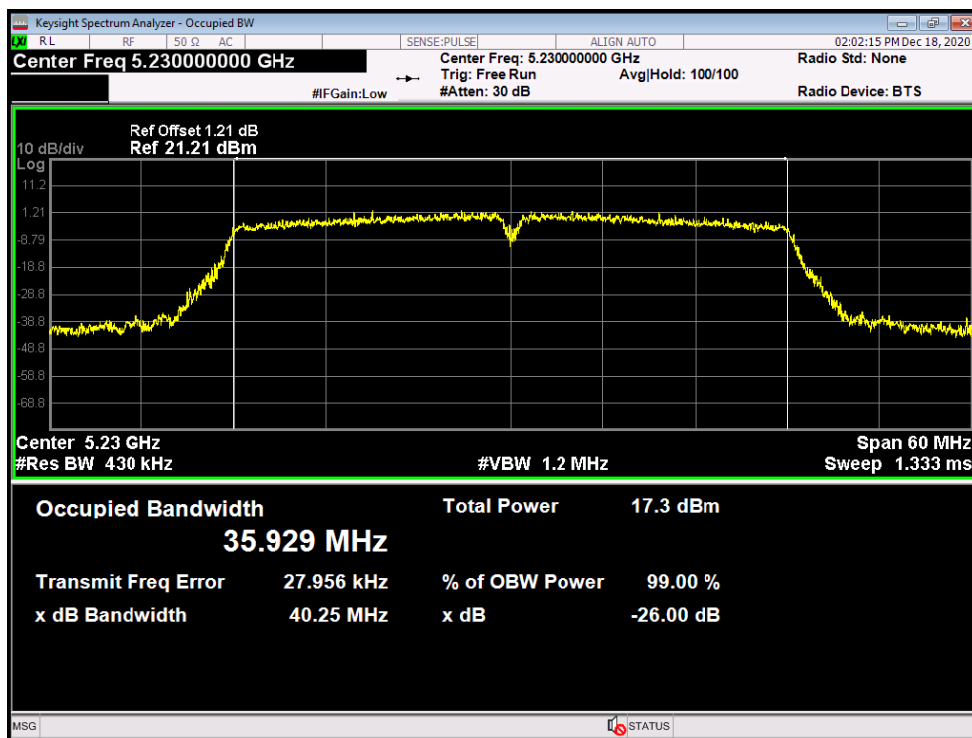
OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5190MHz Ant1



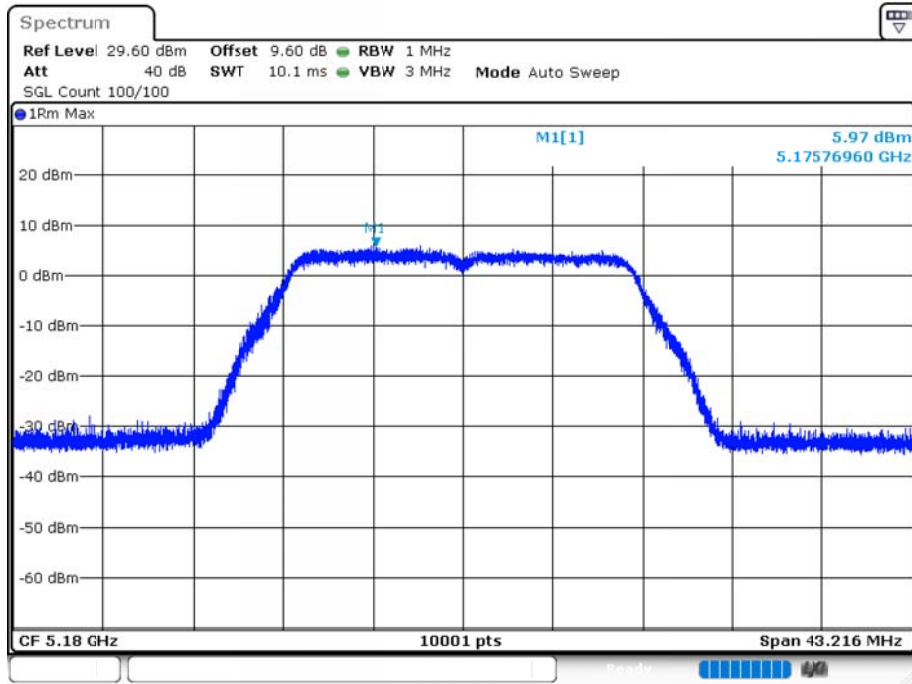
OBW NVNT n40 5230MHz Ant1



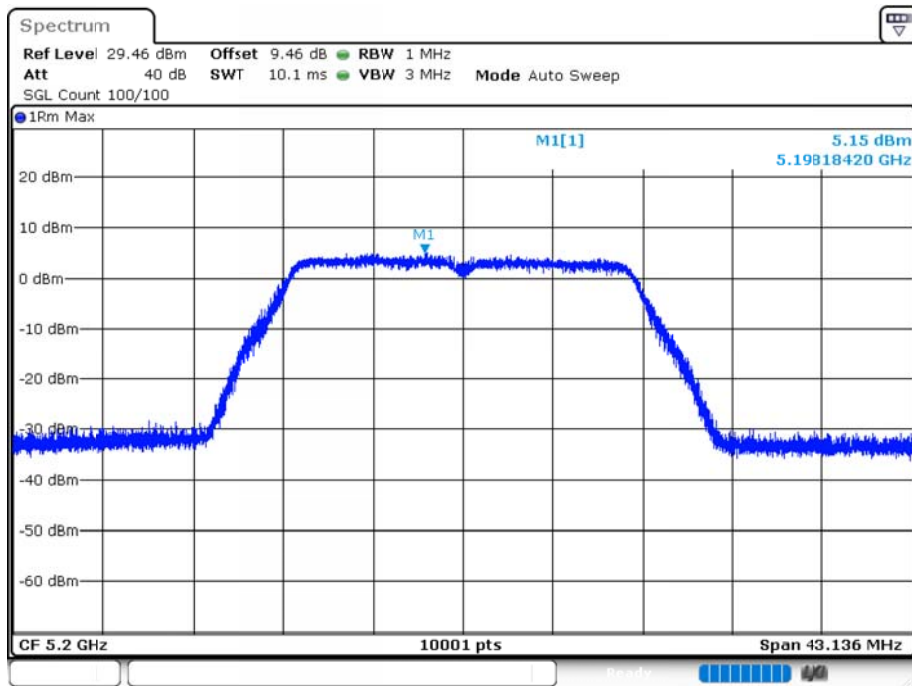
**Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	5.973	-	11	Pass
NVNT	802.11a	5200	Ant 1	5.148	-	11	Pass
NVNT	802.11a	5240	Ant 1	4.749	-	11	Pass
NVNT	802.11a	5180	Ant 2	6.031	-	11	Pass
NVNT	802.11a	5200	Ant 2	4.56	-	11	Pass
NVNT	802.11a	5240	Ant 2	5.338	-	11	Pass
NVNT	802.11ac20	5180	Ant 1	6.111	9.14	9.99	Pass
NVNT	802.11ac20	5180	Ant 2	6.151		9.99	Pass
NVNT	802.11ac20	5200	Ant 1	5.277	8.23	9.99	Pass
NVNT	802.11ac20	5200	Ant 2	5.161		9.99	Pass
NVNT	802.11ac20	5240	Ant 1	4.35	7.79	9.99	Pass
NVNT	802.11ac20	5240	Ant 2	5.175		9.99	Pass
NVNT	802.11ac40	5190	Ant 1	3.866	6.92	9.99	Pass
NVNT	802.11ac40	5190	Ant 2	3.951		9.99	Pass
NVNT	802.11ac40	5230	Ant 1	2.945	6.21	9.99	Pass
NVNT	802.11ac40	5230	Ant 2	3.432		9.99	Pass
NVNT	802.11ac80	5210	Ant 1	-1.236	2.20	9.99	Pass
NVNT	802.11ac80	5210	Ant 2	-0.42		9.99	Pass
NVNT	802.11n(HT20)	5180	Ant 1	6.143	8.57	9.99	Pass
NVNT	802.11n(HT20)	5180	Ant 2	6.51		9.99	Pass
NVNT	802.11n(HT20)	5200	Ant 1	4.772	6.02	9.99	Pass
NVNT	802.11n(HT20)	5200	Ant 2	4.896		9.99	Pass
NVNT	802.11n(HT20)	5240	Ant 1	5.765	8.73	9.99	Pass
NVNT	802.11n(HT20)	5240	Ant 2	5.677		9.99	Pass
NVNT	802.11n(HT40)	5190	Ant 1	3.757	6.51	9.99	Pass
NVNT	802.11n(HT40)	5190	Ant 2	3.232		9.99	Pass
NVNT	802.11n(HT40)	5230	Ant 1	1.971	5.35	9.99	Pass
NVNT	802.11n(HT40)	5230	Ant 2	2.679		9.99	Pass

PSD NVNT 802.11a 5180MHz Ant 1

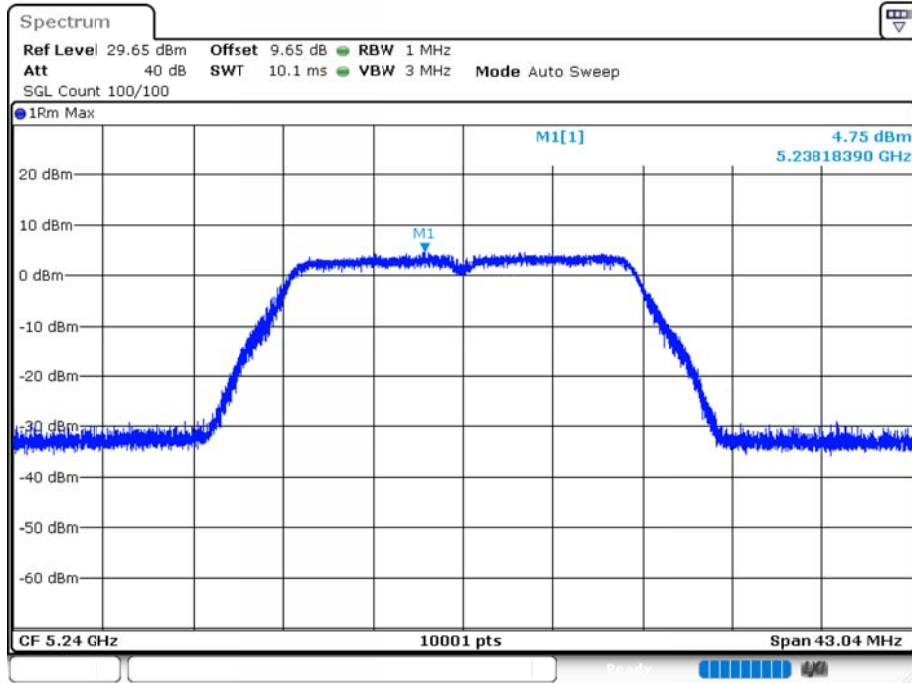


PSD NVNT 802.11a 5200MHz Ant 1

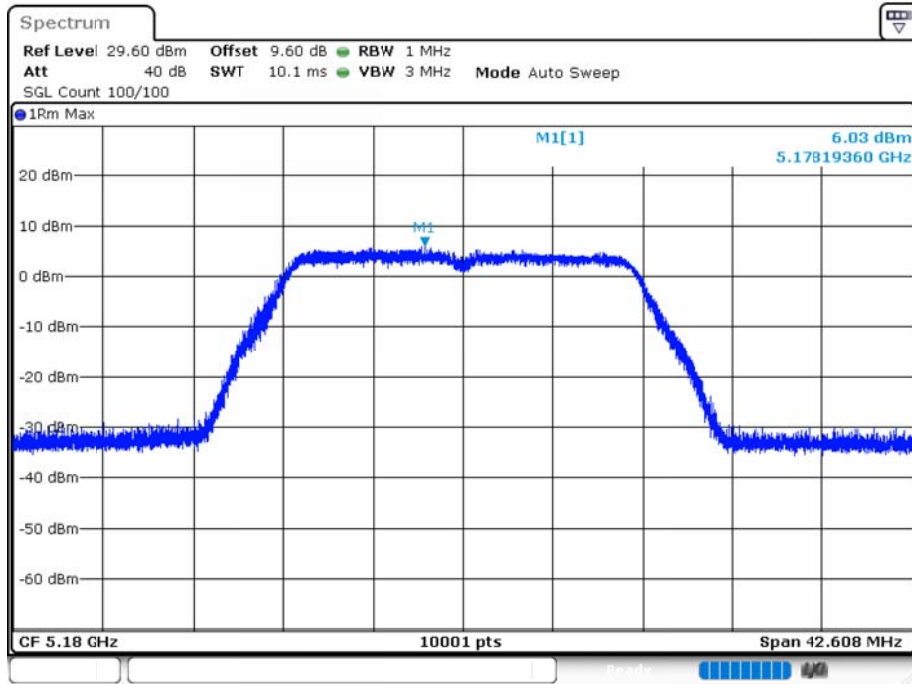




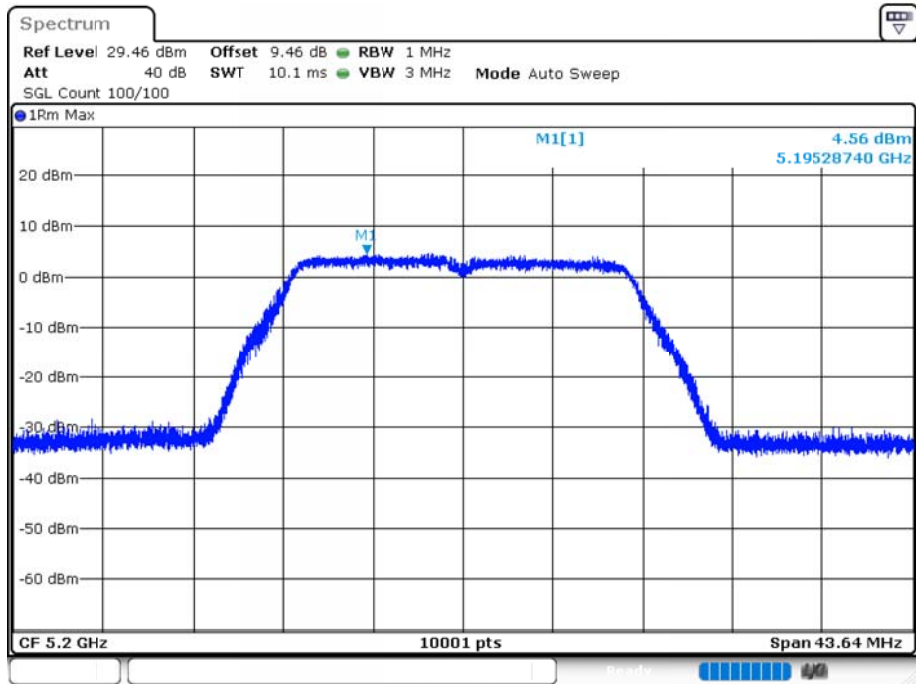
PSD NVNT 802.11a 5240MHz Ant 1



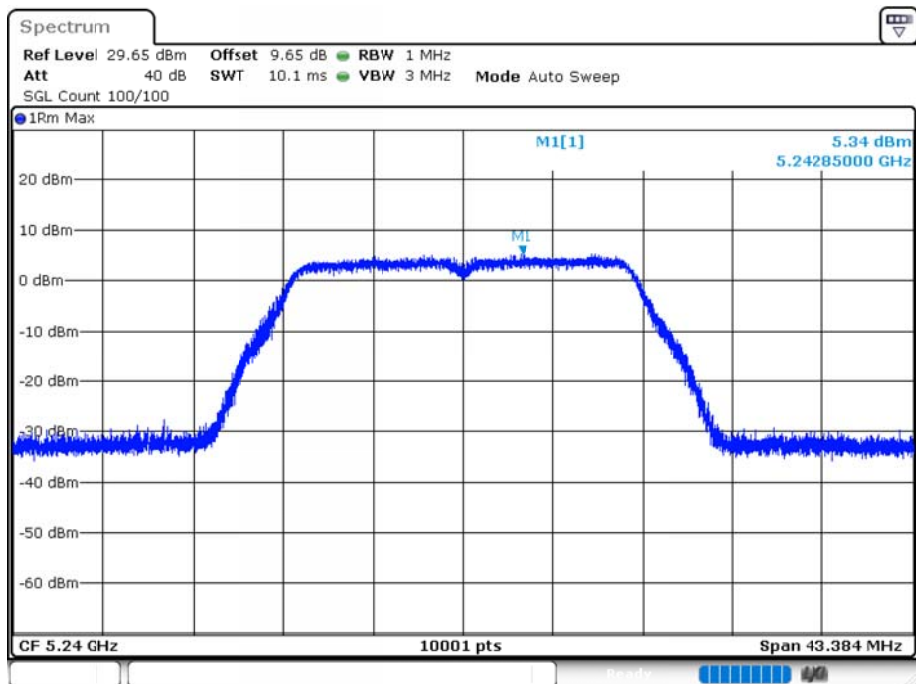
PSD NVNT 802.11a 5180MHz Ant 2



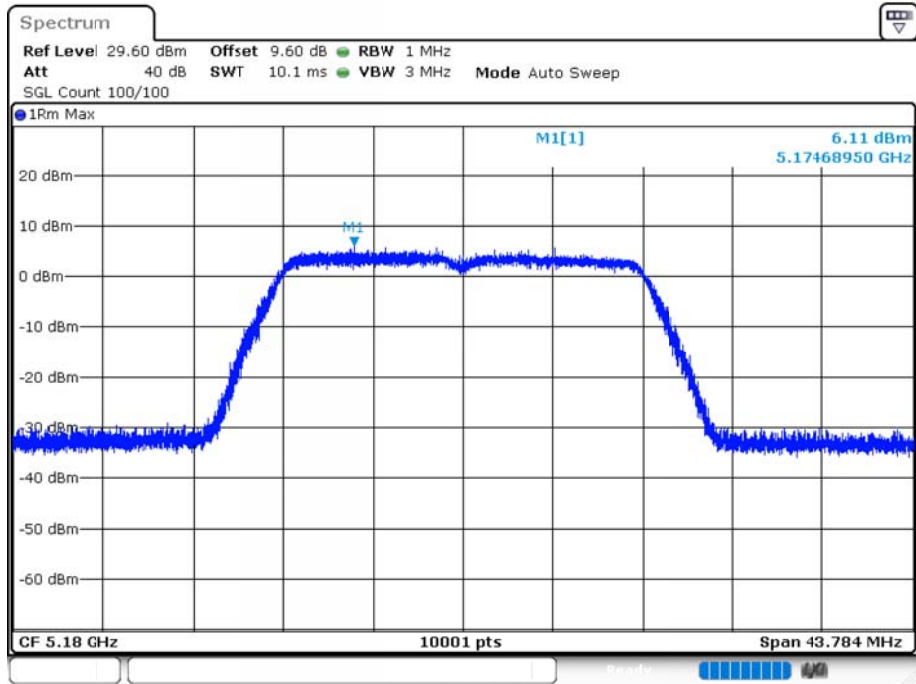
PSD NVNT 802.11a 5200MHz Ant 2



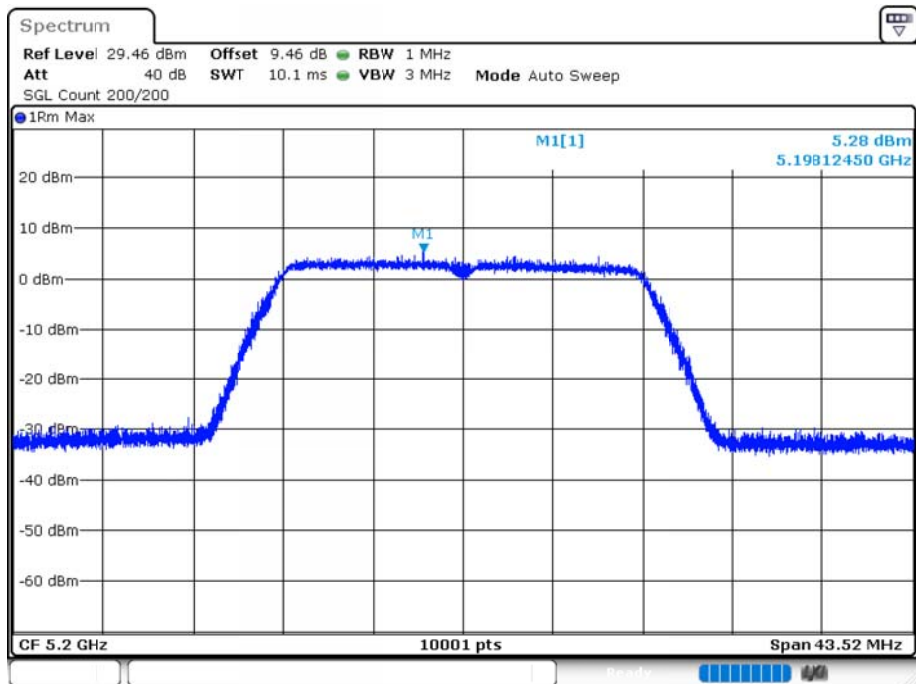
PSD NVNT 802.11a 5240MHz Ant 2



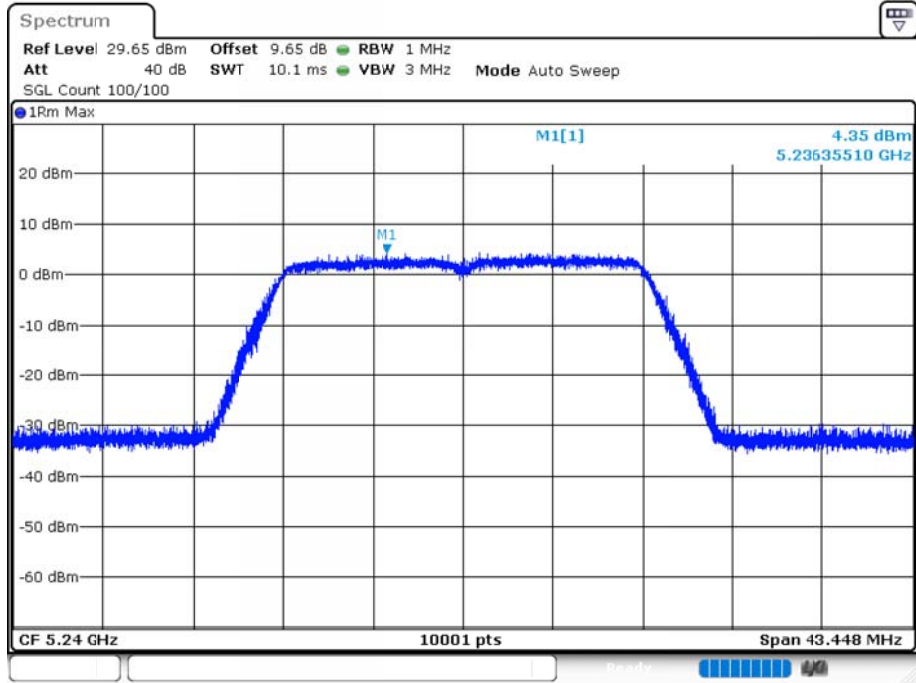
PSD NVNT 802.11ac20 5180MHz Ant 1



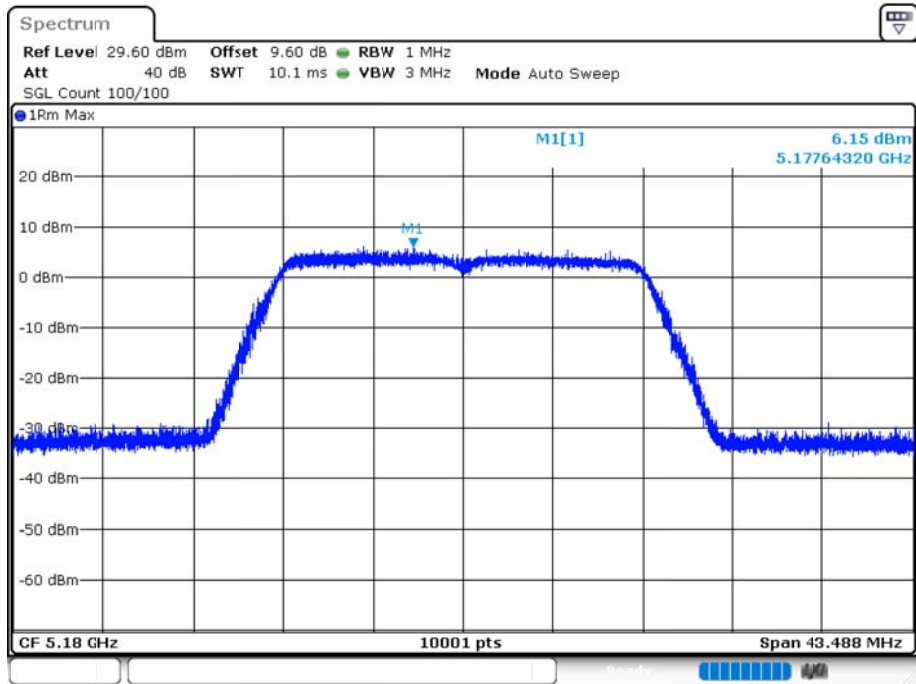
PSD NVNT 802.11ac20 5200MHz Ant 1



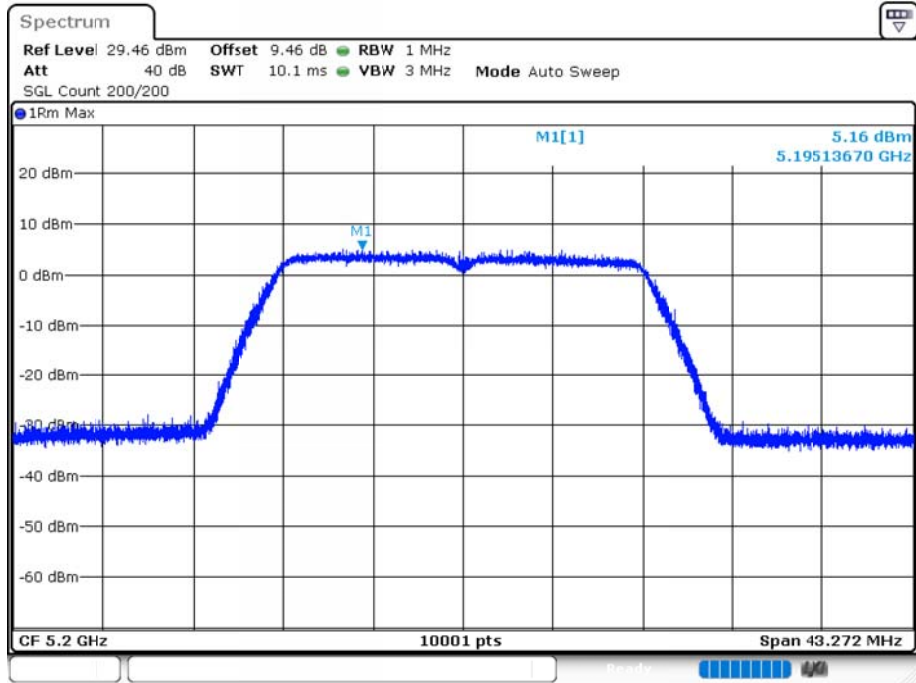
PSD NVNT 802.11ac20 5240MHz Ant 1



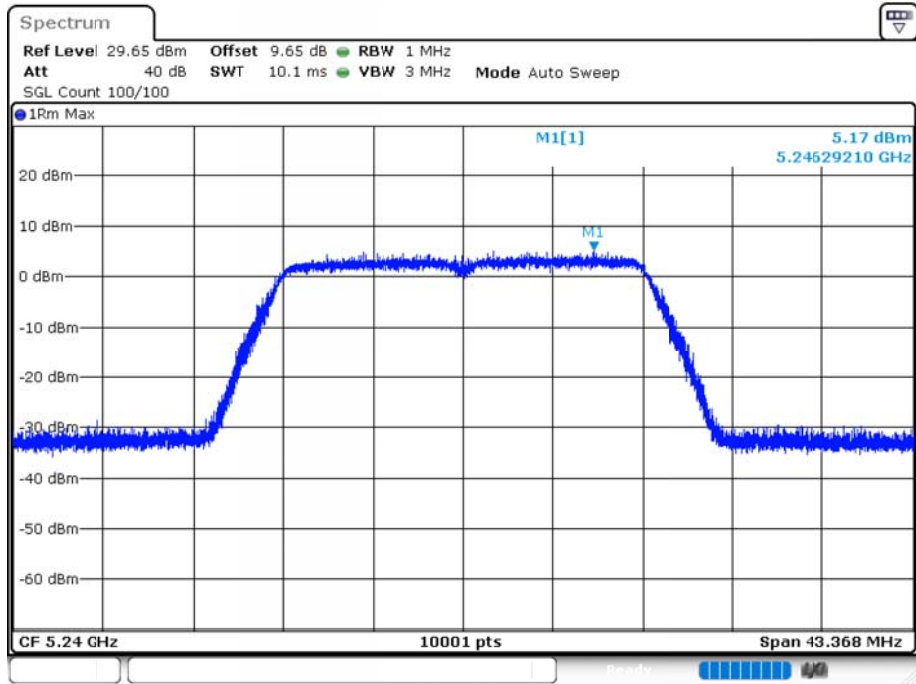
PSD NVNT 802.11ac20 5180MHz Ant 2



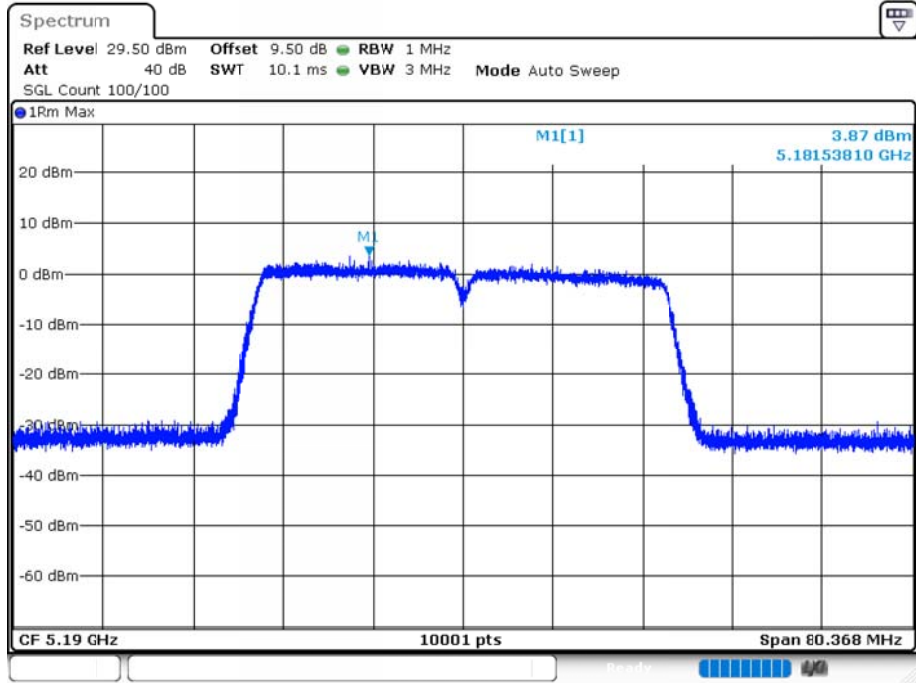
PSD NVNT 802.11ac20 5200MHz Ant 2



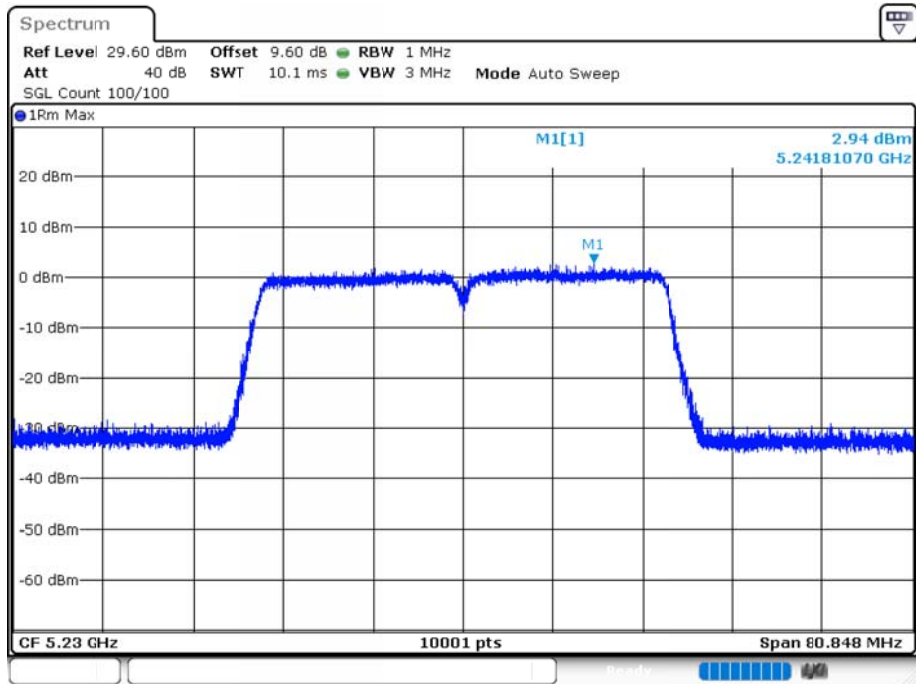
PSD NVNT 802.11ac20 5240MHz Ant 2



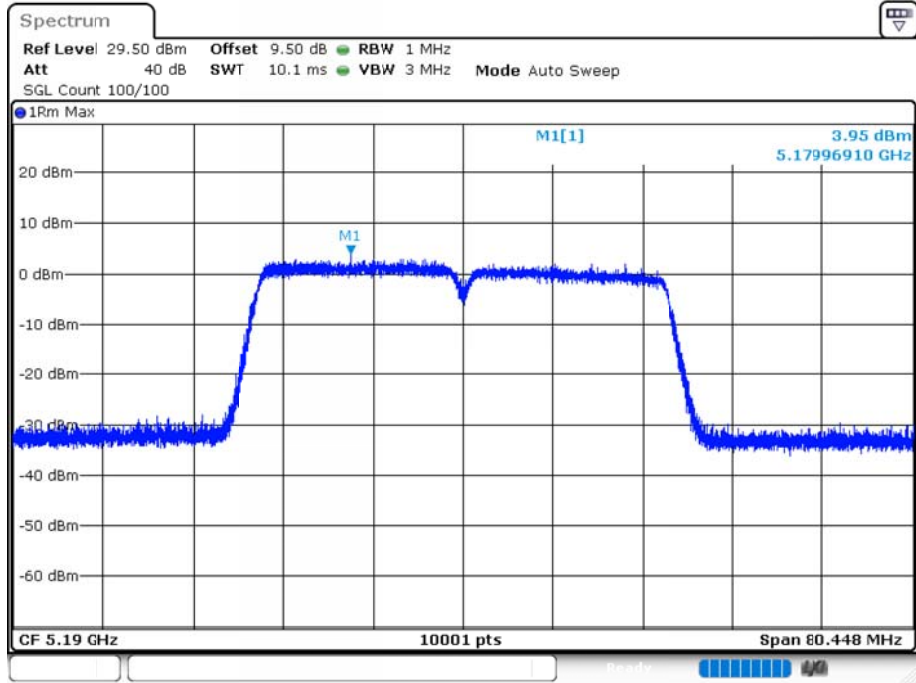
PSD NVNT 802.11ac40 5190MHz Ant 1



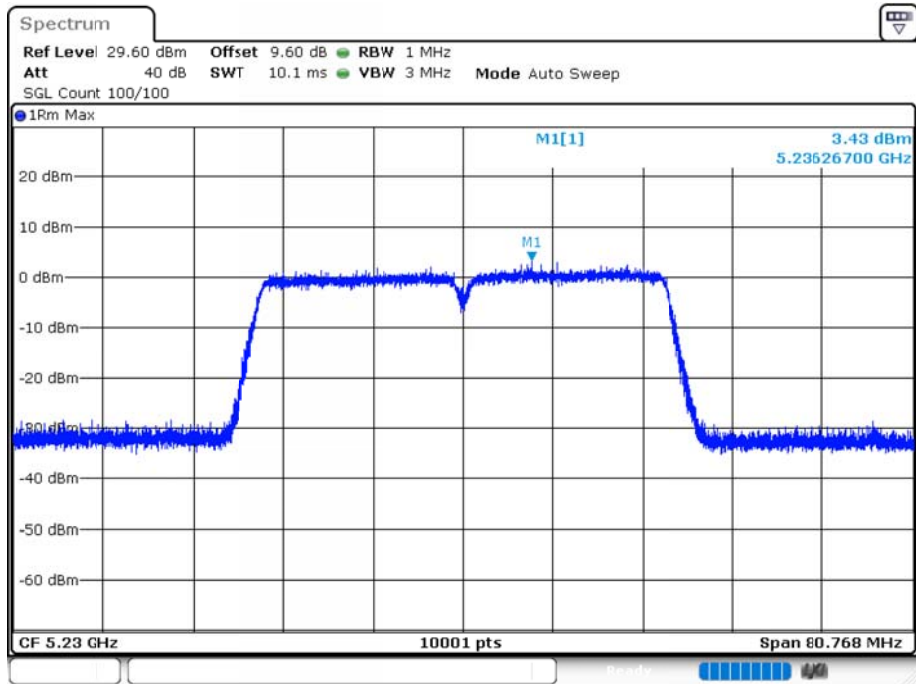
PSD NVNT 802.11ac40 5230MHz Ant 1



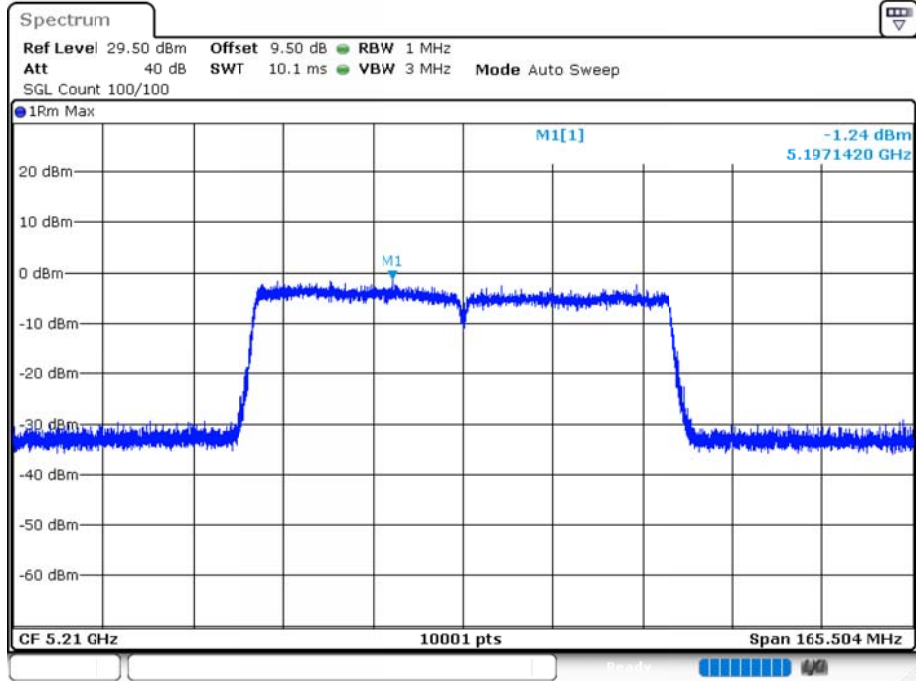
PSD NVNT 802.11ac40 5190MHz Ant 2



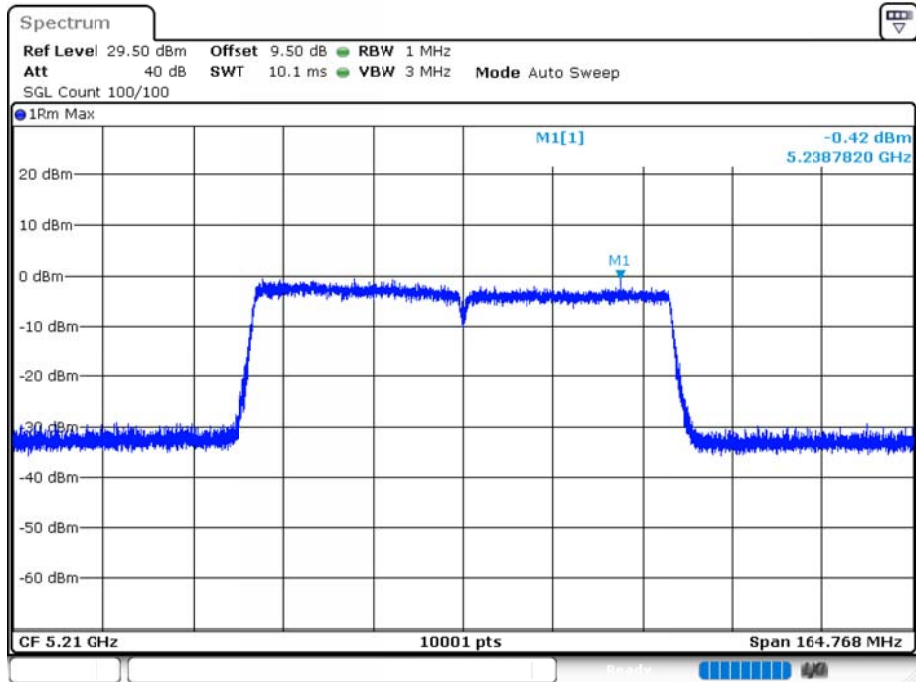
PSD NVNT 802.11ac40 5230MHz Ant 2



PSD NVNT 802.11ac80 5210MHz Ant 1

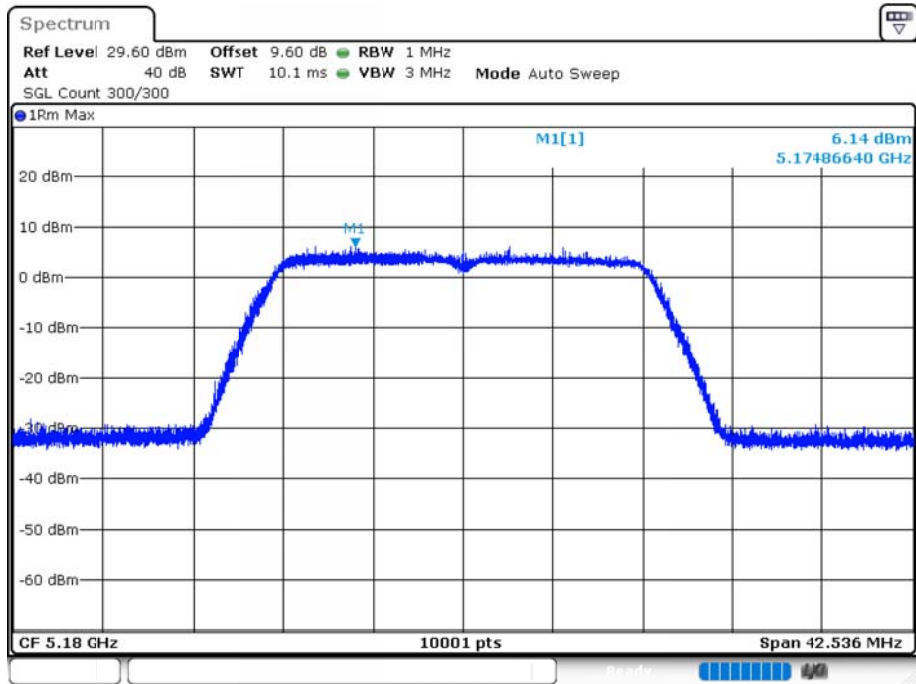


PSD NVNT 802.11ac80 5210MHz Ant 2

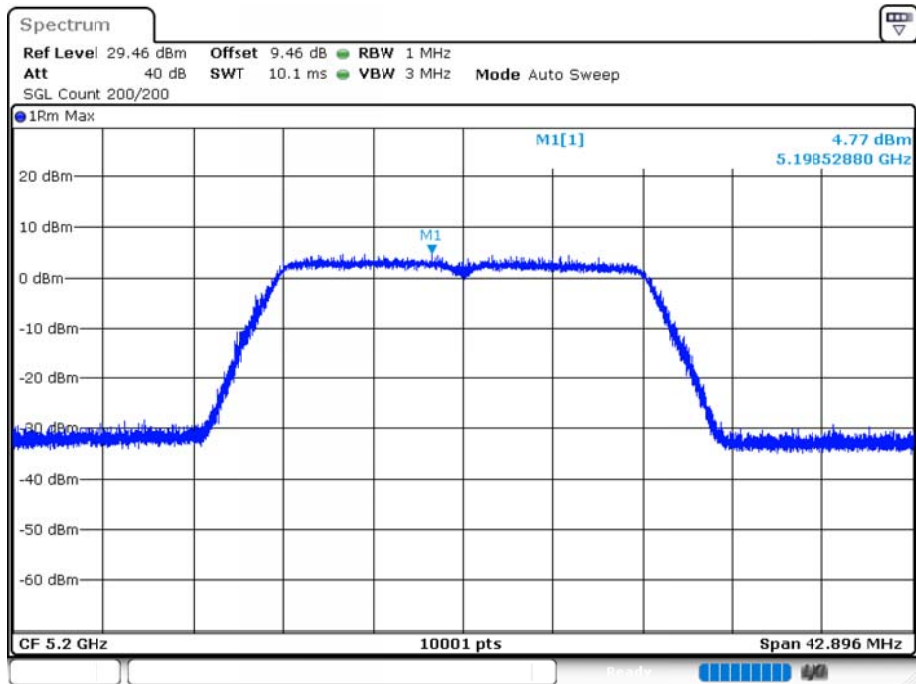




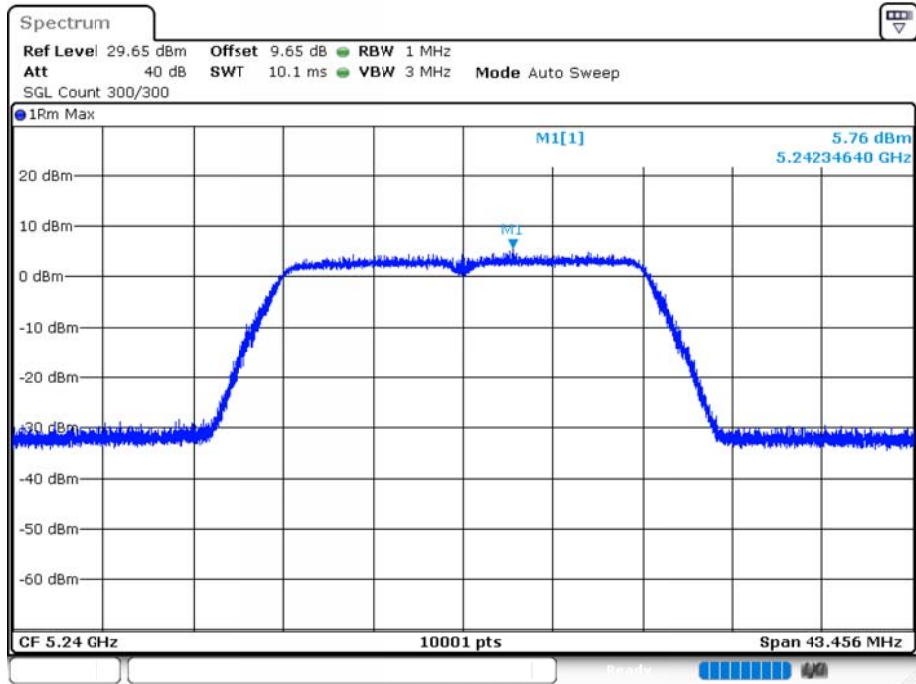
PSD NVNT 802.11n(HT20) 5180MHz Ant 1



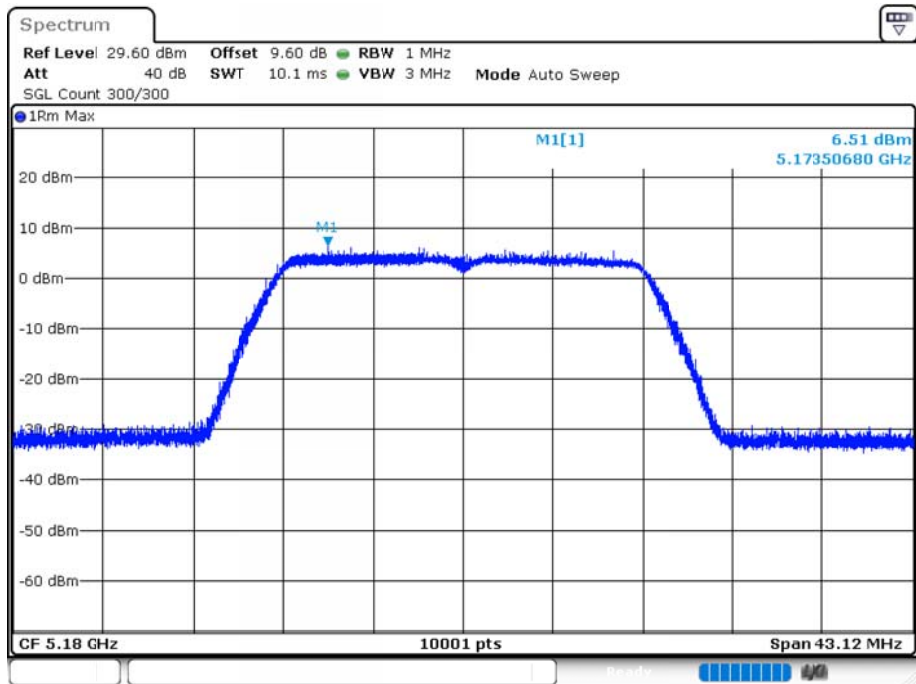
PSD NVNT 802.11n(HT20) 5200MHz Ant 1



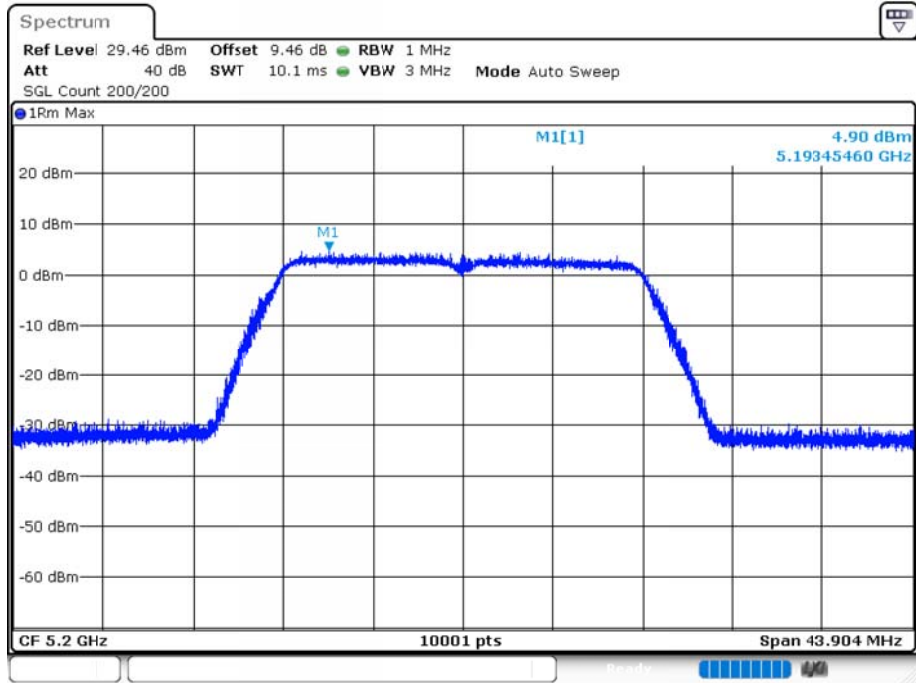
PSD NVNT 802.11n(HT20) 5240MHz Ant 1



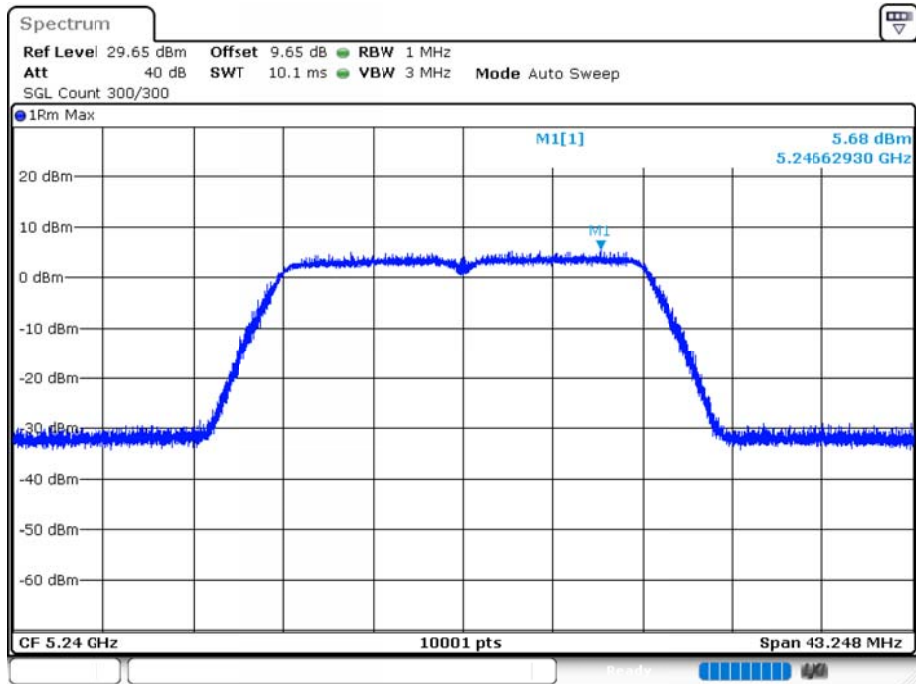
PSD NVNT 802.11n(HT20) 5180MHz Ant 2



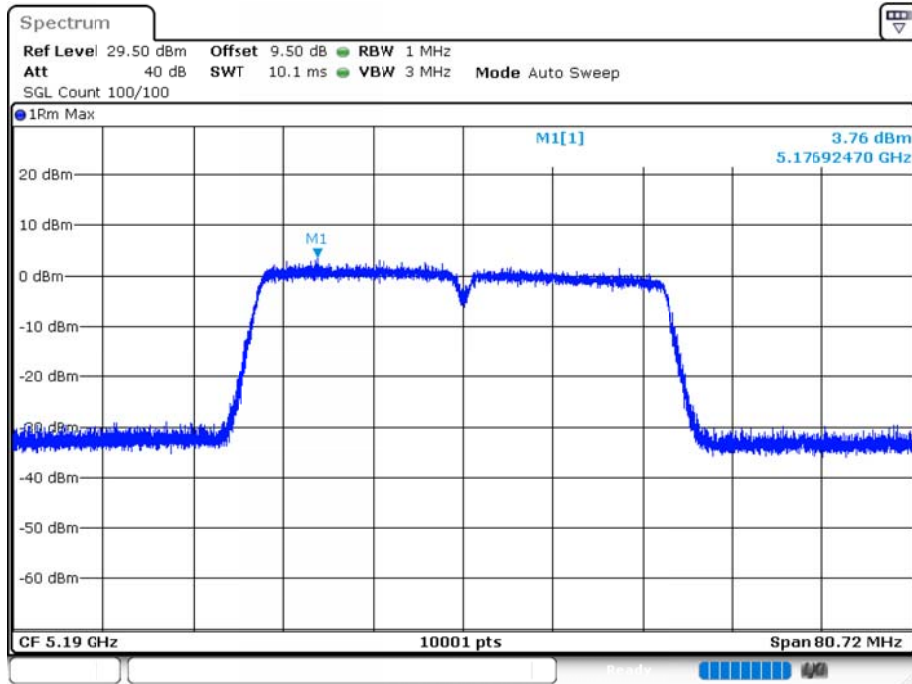
PSD NVNT 802.11n(HT20) 5200MHz Ant 2



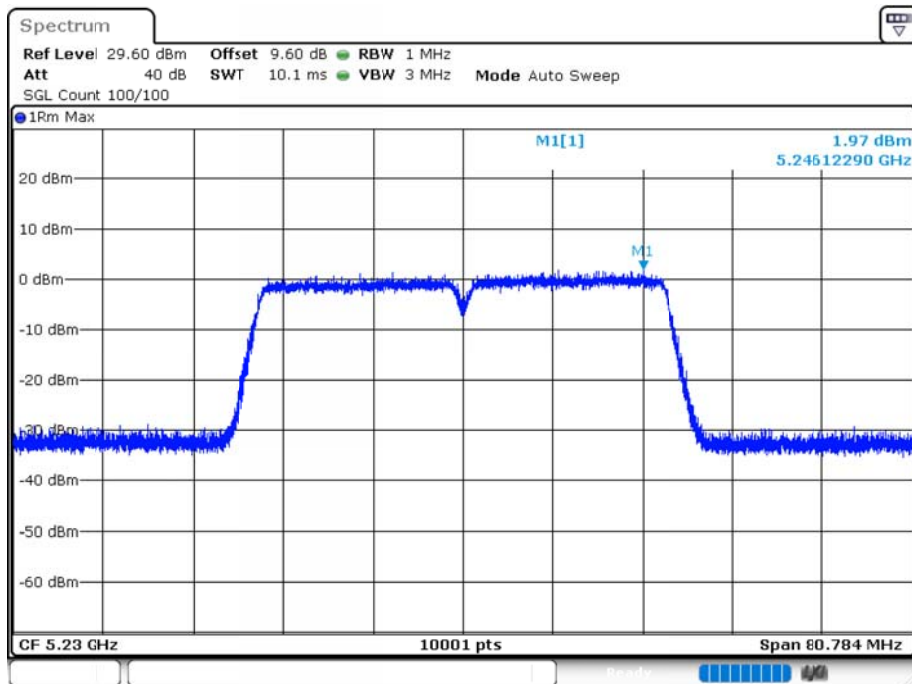
PSD NVNT 802.11n(HT20) 5240MHz Ant 2



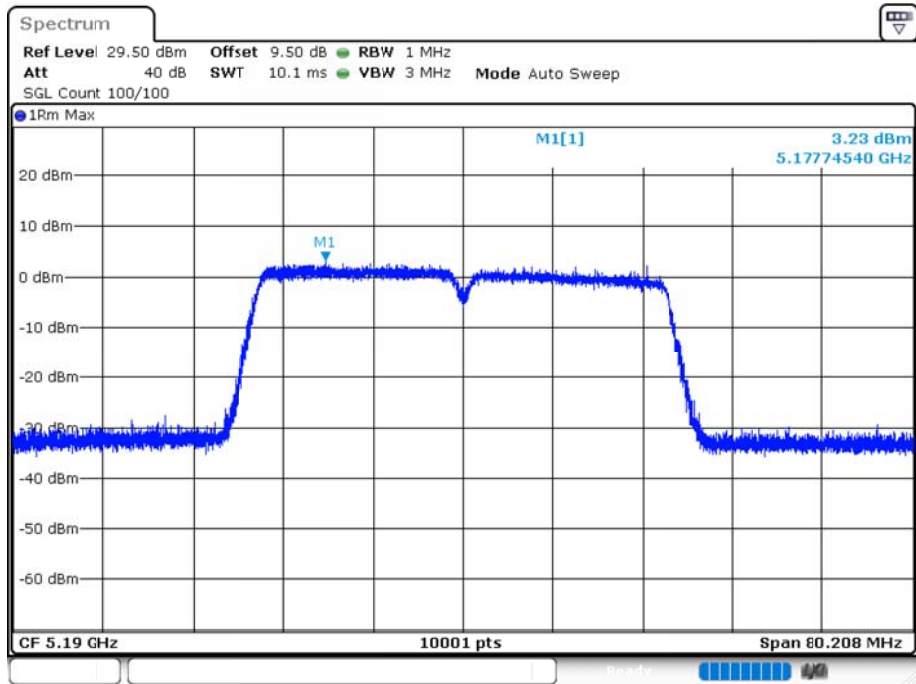
PSD NVNT 802.11n(HT40) 5190MHz Ant 1



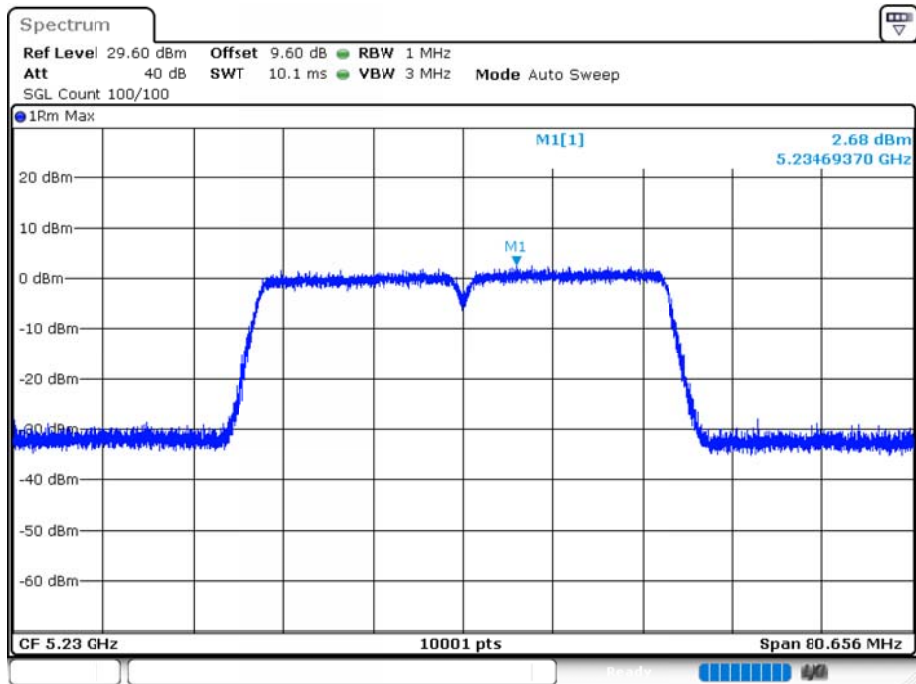
PSD NVNT 802.11n(HT40) 5230MHz Ant 1



PSD NVNT 802.11n(HT40) 5190MHz Ant 2



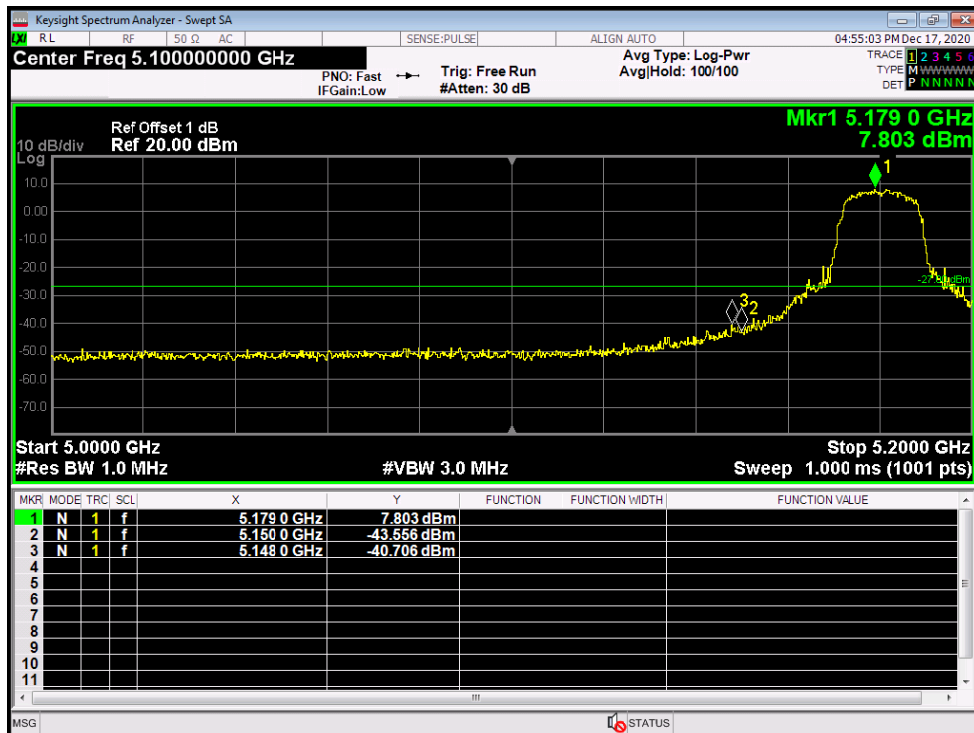
PSD NVNT 802.11n(HT40) 5230MHz Ant 2



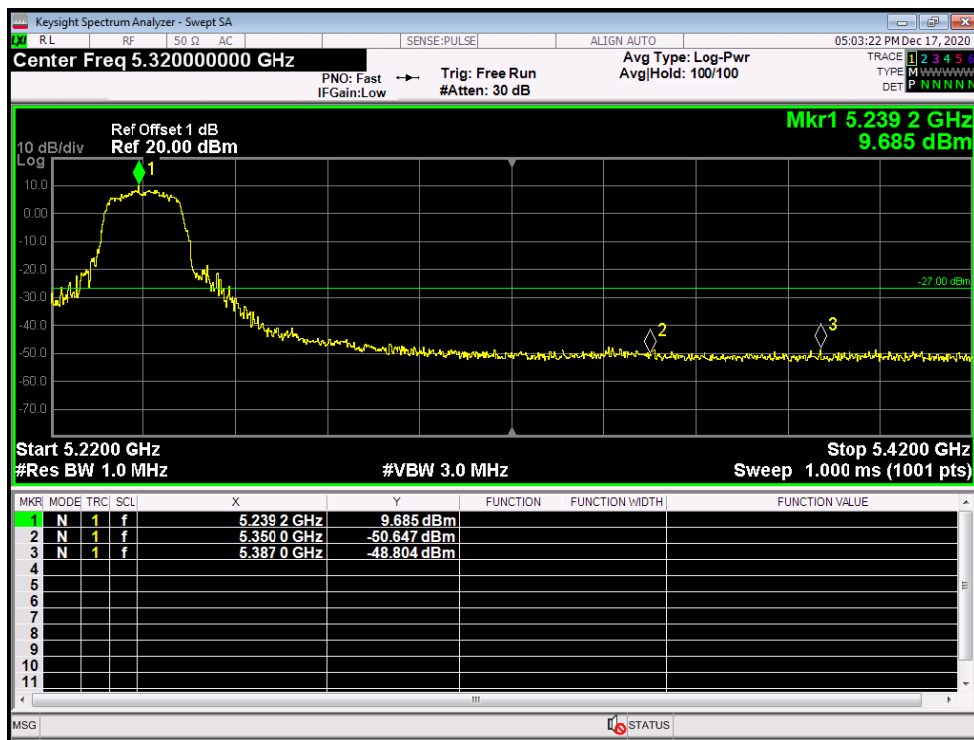
**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-40.7	-27	Pass
NVNT	a	5240	Ant1	-48.8	-27	Pass
NVNT	a	5180	Ant2	-41.06	-27	Pass
NVNT	a	5240	Ant2	-47.02	-27	Pass
NVNT	ac20	5180	Ant1	-40.42	-27	Pass
NVNT	ac20	5240	Ant1	-47.98	-27	Pass
NVNT	ac20	5180	Ant2	-42.47	-27	Pass
NVNT	ac20	5240	Ant2	-48.09	-27	Pass
NVNT	ac40	5190	Ant1	-36.02	-27	Pass
NVNT	ac40	5230	Ant1	-48.64	-27	Pass
NVNT	ac40	5190	Ant2	-37.83	-27	Pass
NVNT	ac40	5230	Ant2	-48.73	-27	Pass
NVNT	ac80	5210	Ant1	-47.71	-27	Pass
NVNT	ac80	5210	Ant2	-47.83	-27	Pass
NVNT	n20	5180	Ant1	-34.01	-27	Pass
NVNT	n20	5240	Ant1	-48.53	-27	Pass
NVNT	n20	5180	Ant2	-39.72	-27	Pass
NVNT	n20	5240	Ant2	-48.38	-27	Pass
NVNT	n40	5190	Ant1	-34.39	-27	Pass
NVNT	n40	5230	Ant1	-49.02	-27	Pass
NVNT	n40	5190	Ant2	-37.7	-27	Pass
NVNT	n40	5230	Ant2	-48.82	-27	Pass

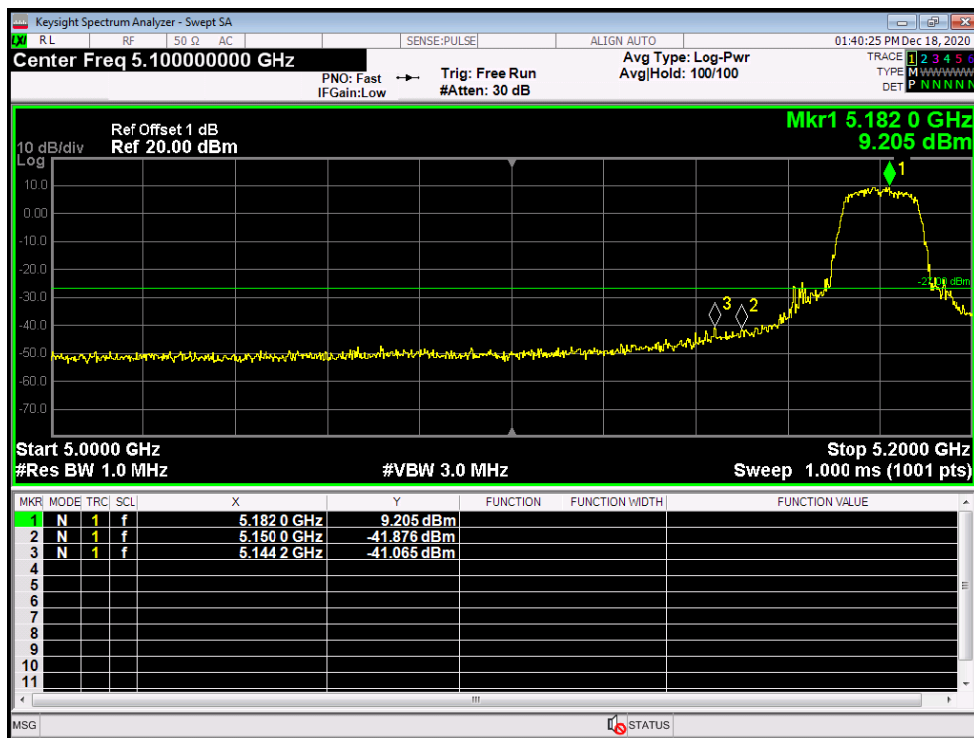
Band Edge NVNT a 5180MHz Low Ant1



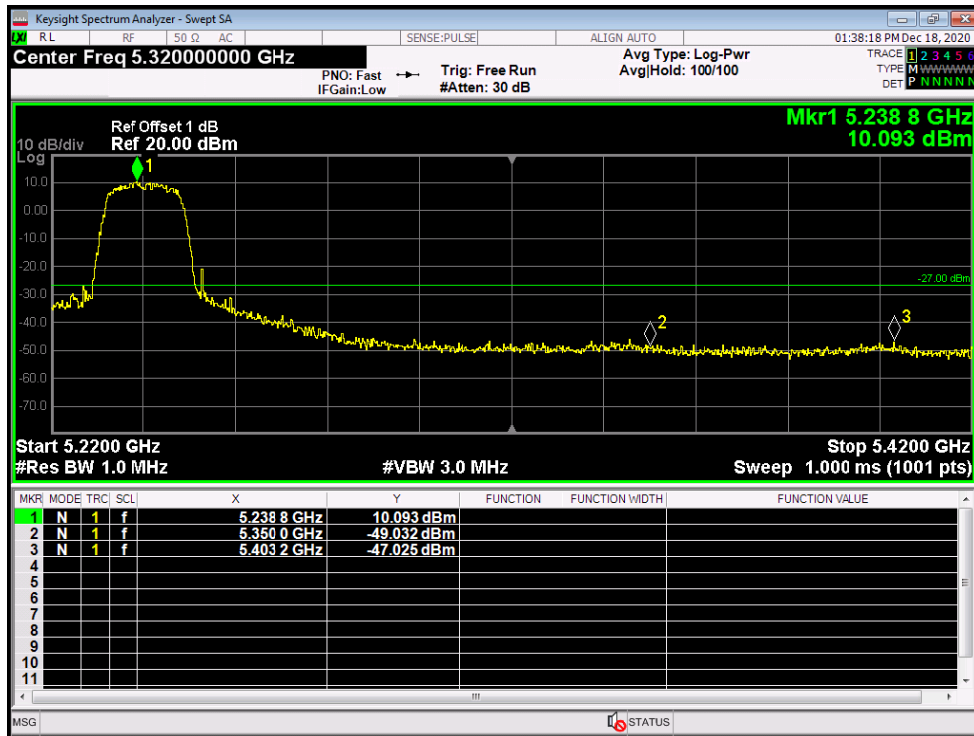
Band Edge NVNT a 5240MHz High Ant1



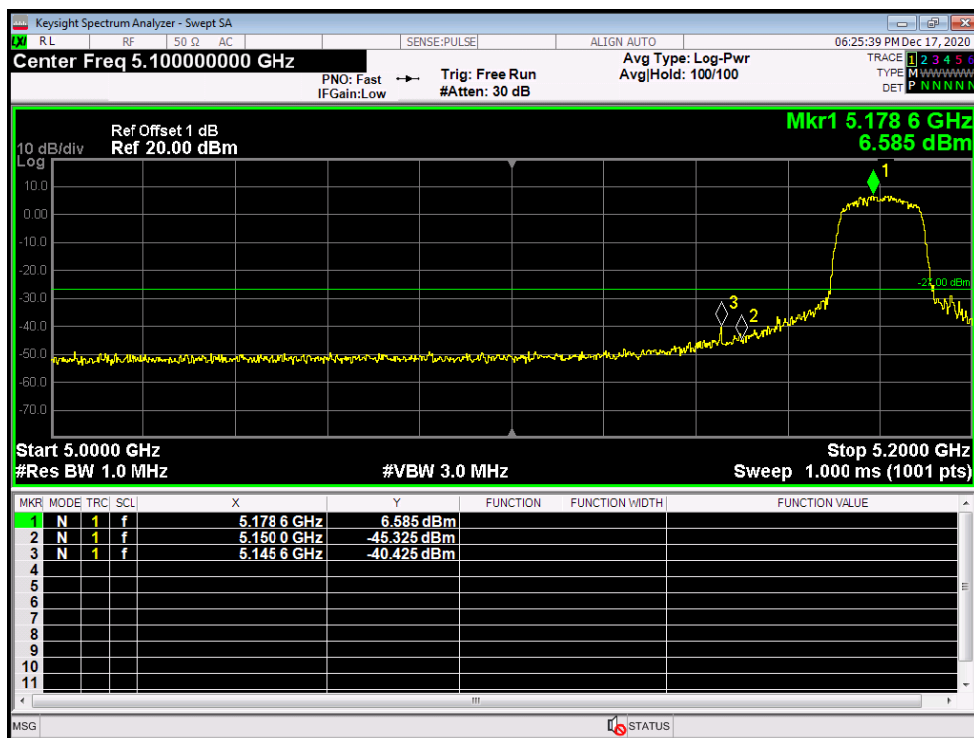
Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1

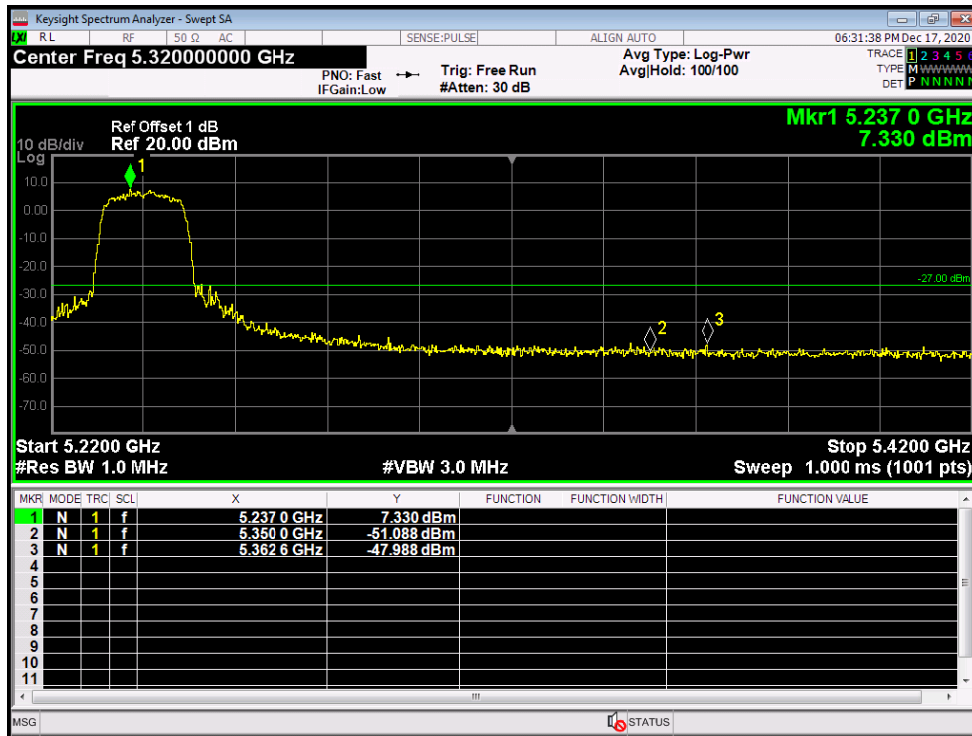


Band Edge NVNT ac20 5180MHz Low Ant1

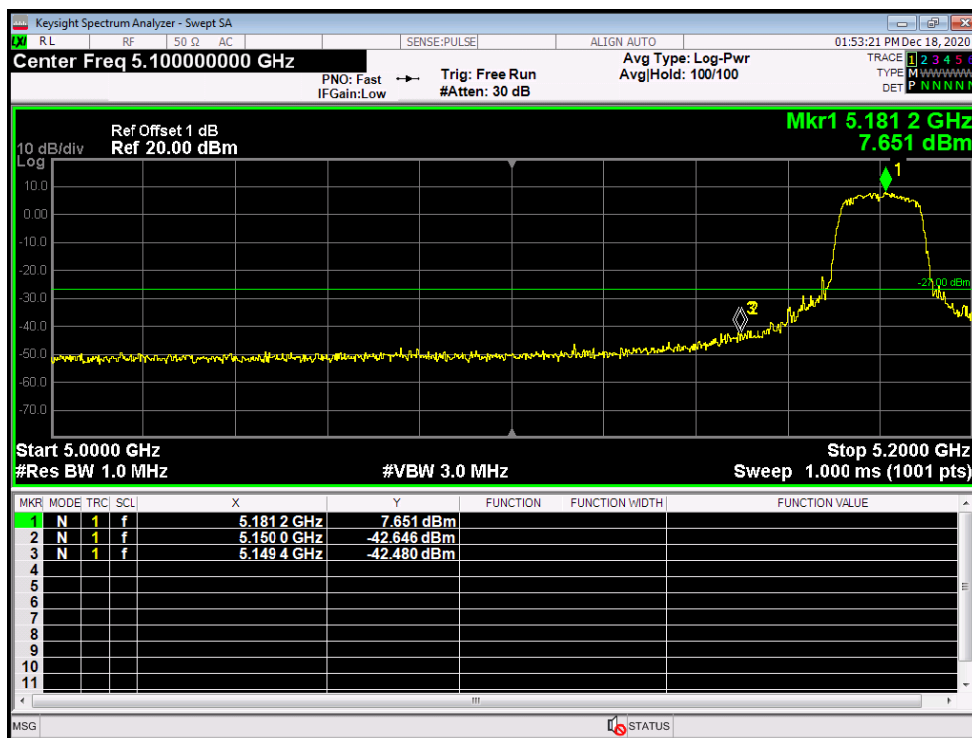


Band Edge NVNT ac20 5240MHz High Ant1

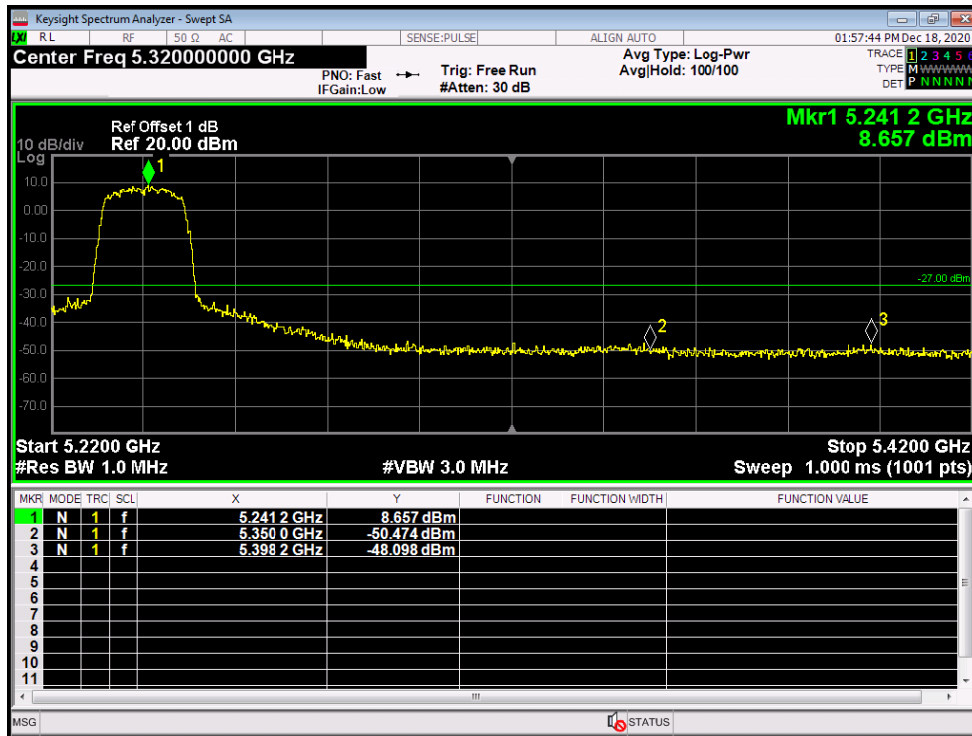




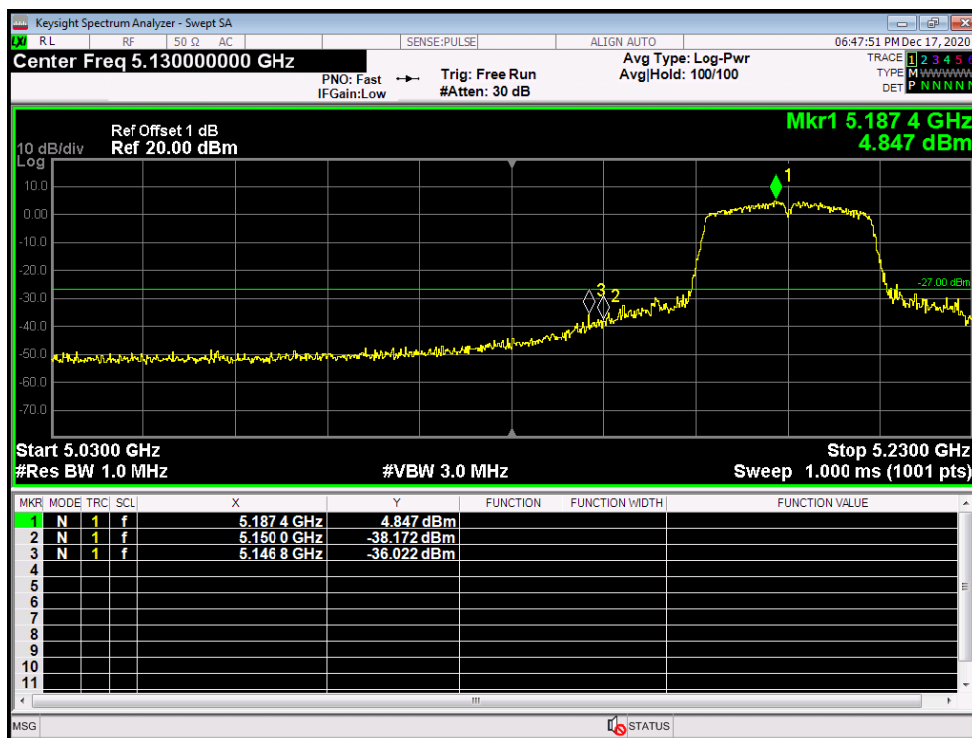
Band Edge NVNT ac20 5180MHz Low Ant1



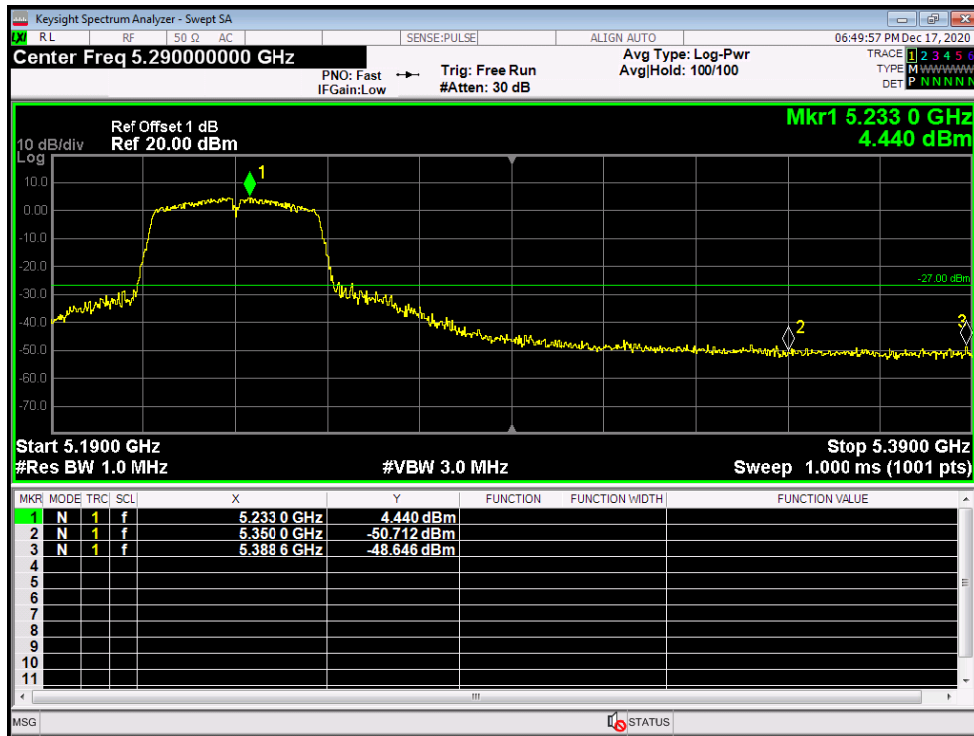
Band Edge NVNT ac20 5240MHz High Ant1



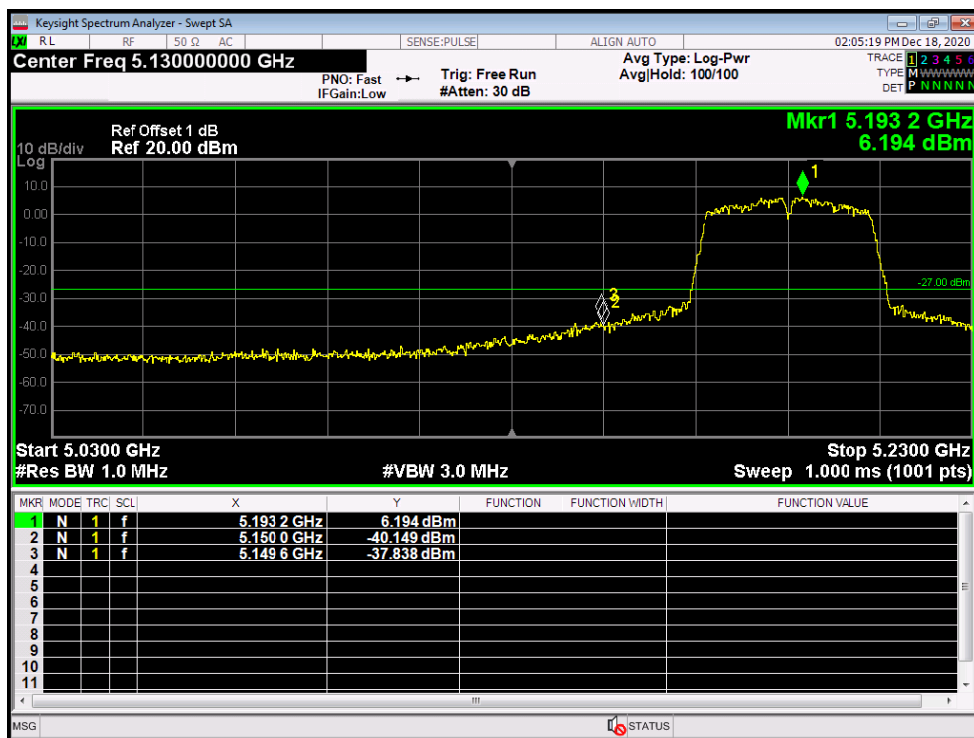
Band Edge NVNT ac40 5190MHz Low Ant1



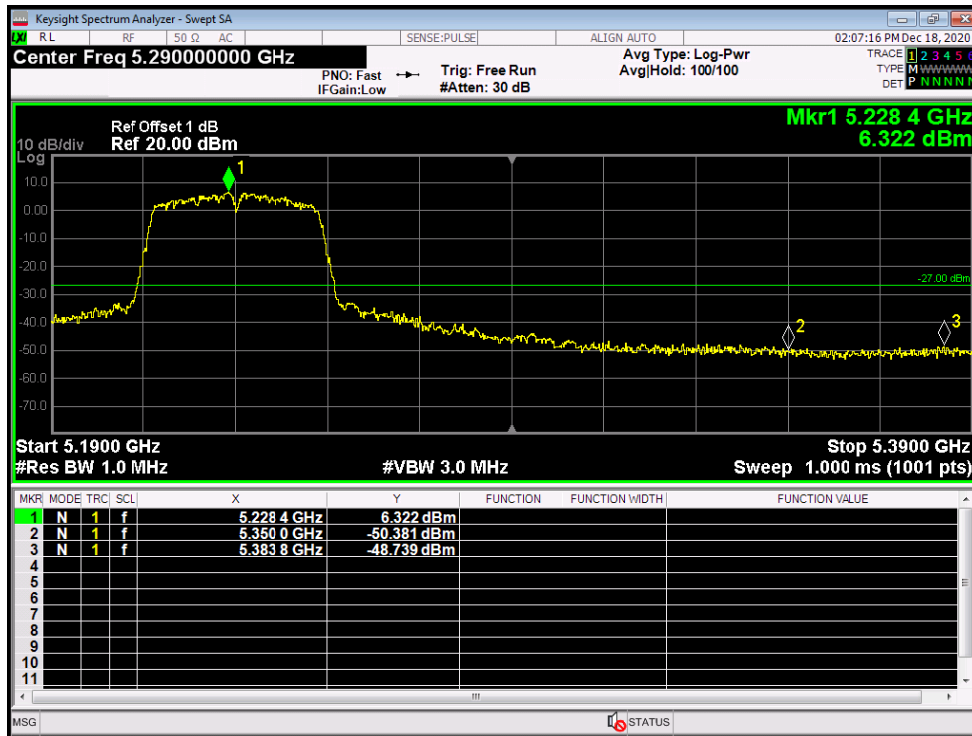
Band Edge NVNT ac40 5230MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



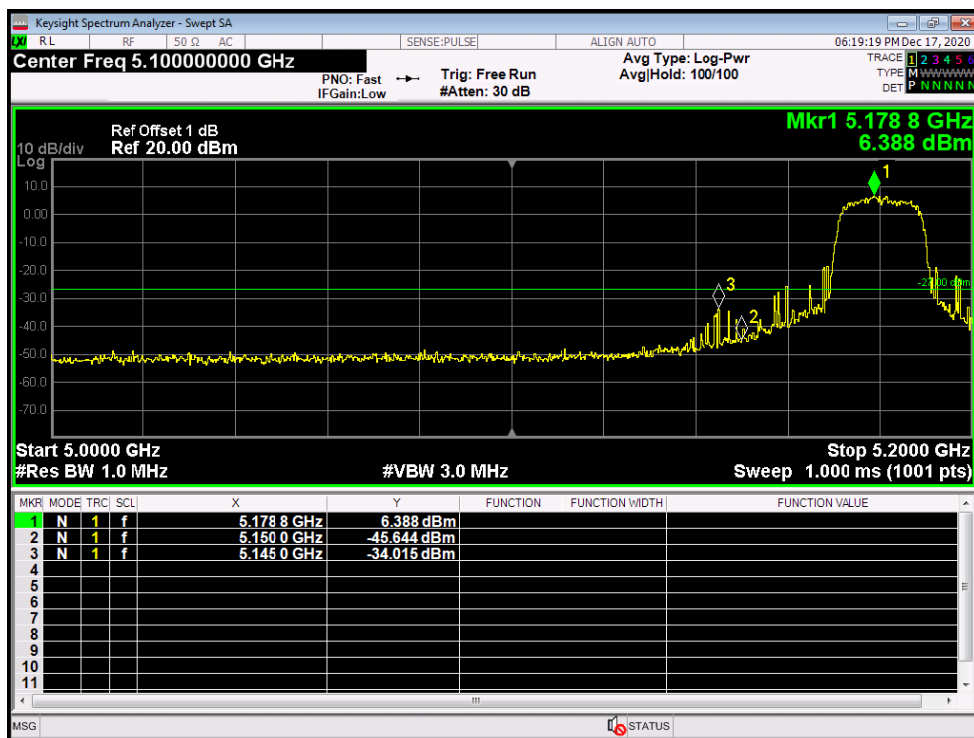
Band Edge NVNT ac80 5210MHz High Ant1



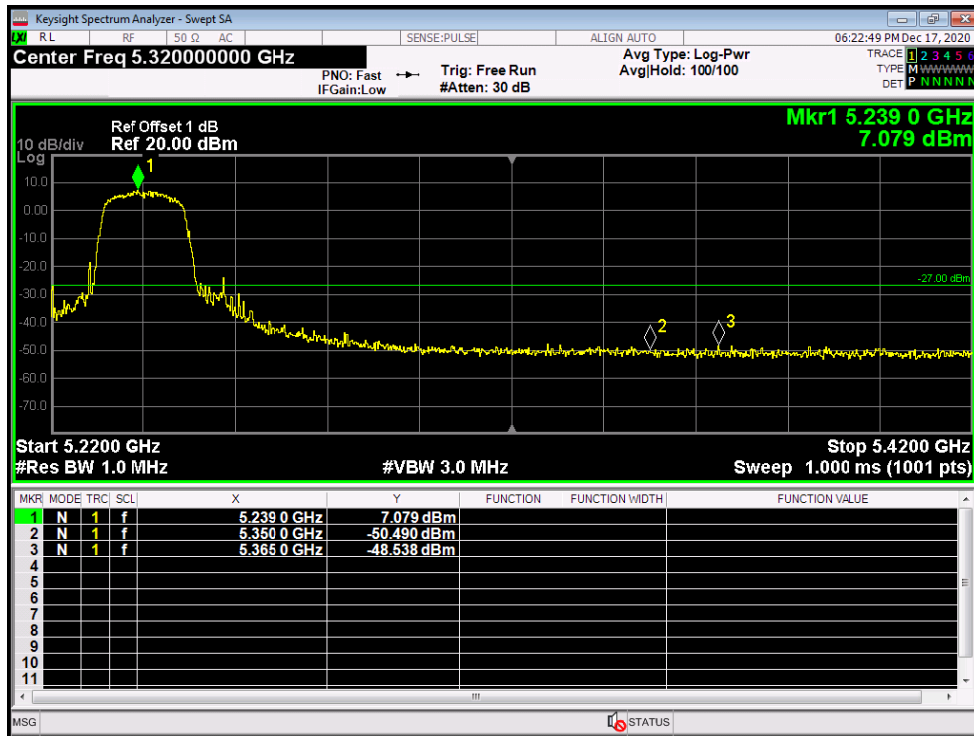
Band Edge NVNT ac80 5210MHz High Ant1



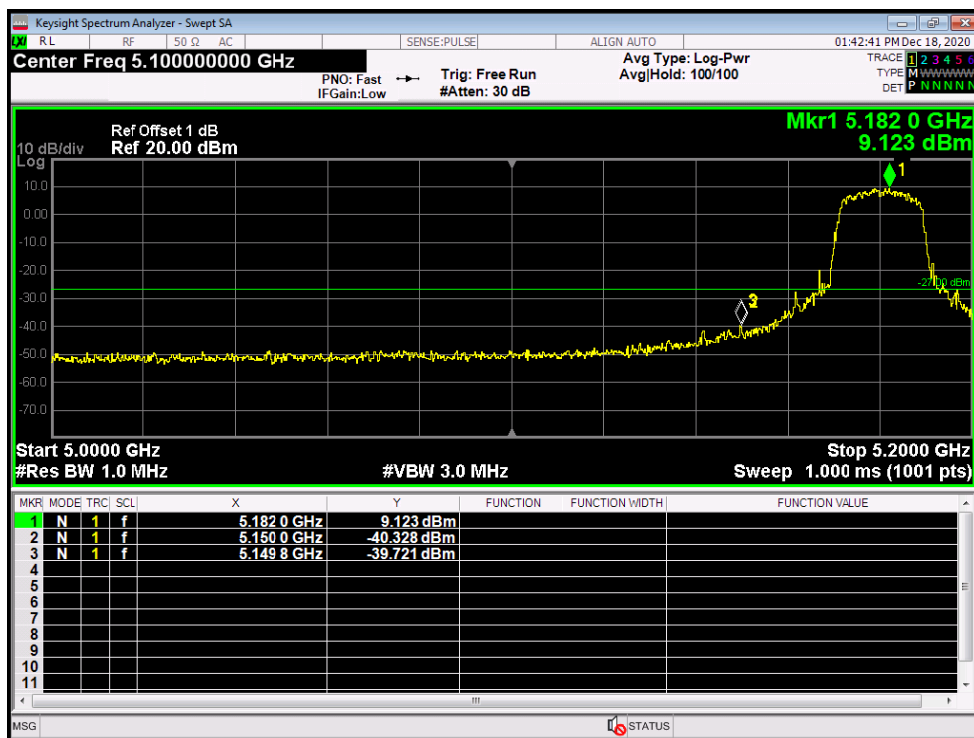
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1