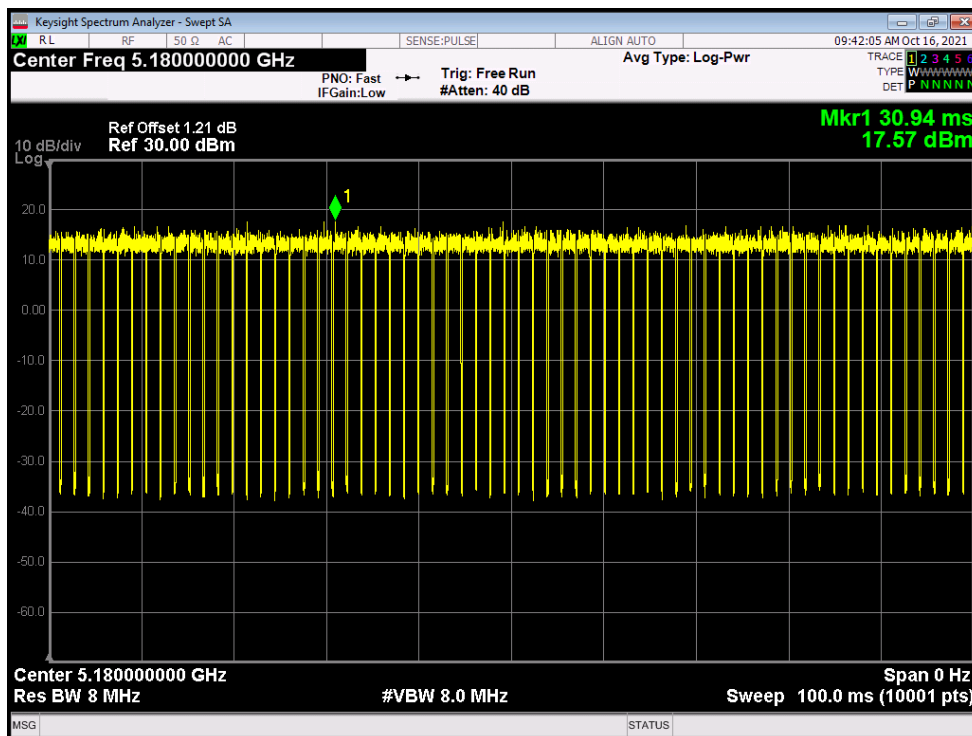


5.2

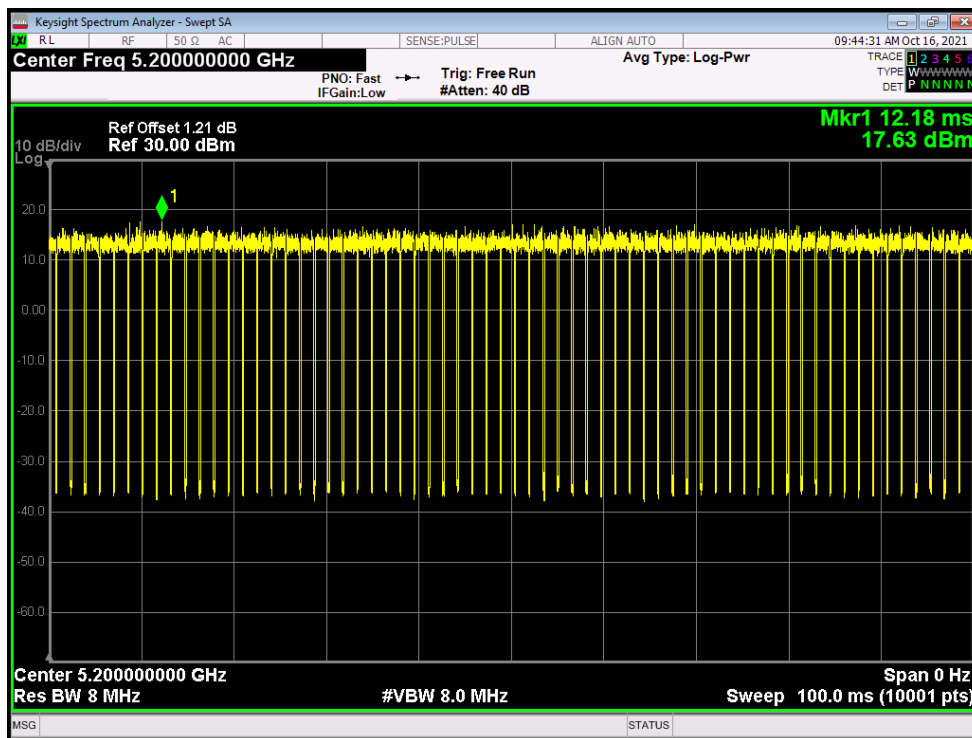
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	90.85	0.42
NVNT	a	5200	Ant1	90.73	0.42
NVNT	a	5240	Ant1	90.77	0.42
NVNT	ac20	5180	Ant1	89.4	0.49
NVNT	ac20	5200	Ant1	89.31	0.49
NVNT	ac20	5240	Ant1	89.34	0.49
NVNT	ac40	5190	Ant1	81.06	0.91
NVNT	ac40	5230	Ant1	80.83	0.92
NVNT	ac80	5210	Ant1	68.11	1.67
NVNT	n20	5180	Ant1	88.71	0.52
NVNT	n20	5200	Ant1	89.2	0.5
NVNT	n20	5240	Ant1	89.2	0.5
NVNT	n40	5190	Ant1	80.67	0.93
NVNT	n40	5230	Ant1	80.84	0.92

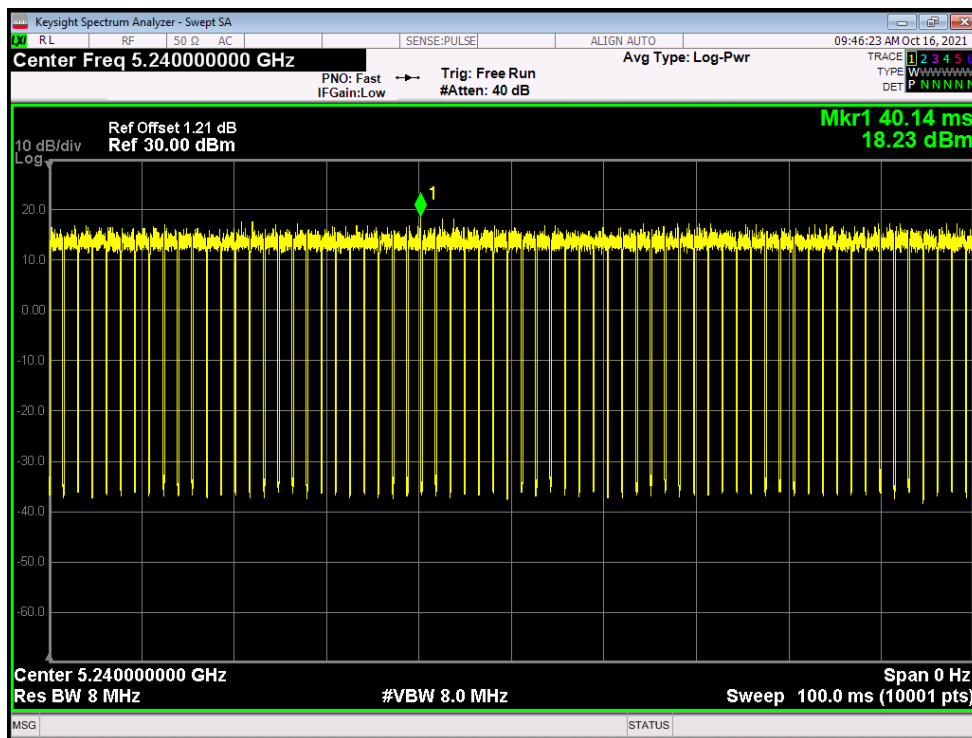
Duty Cycle NVNT a 5180MHz Ant1



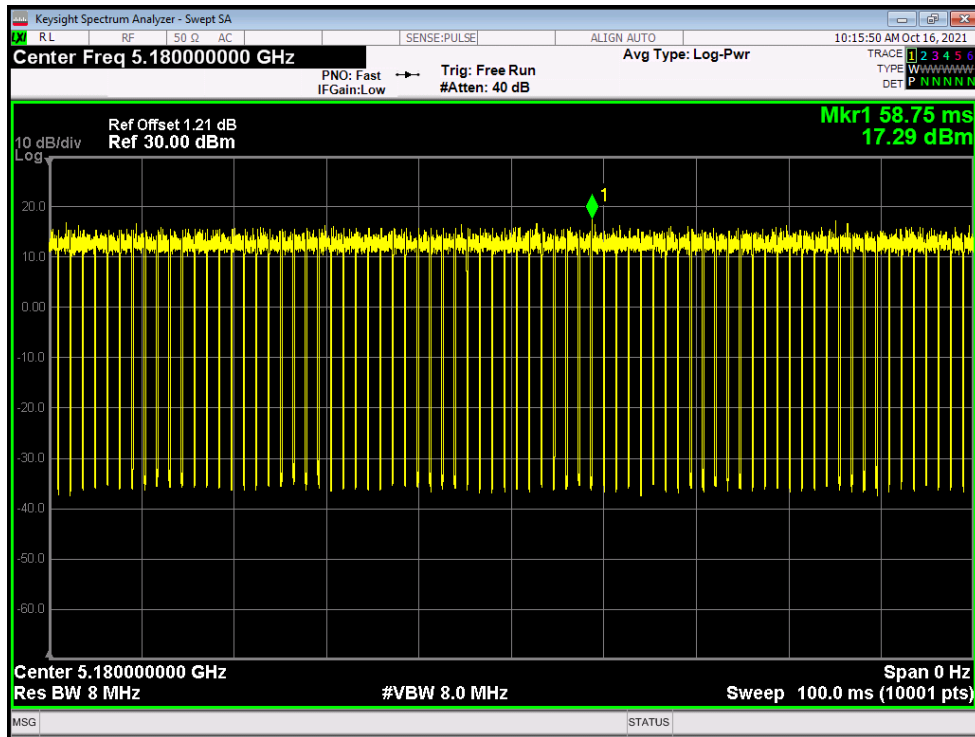
Duty Cycle NVNT a 5200MHz Ant1



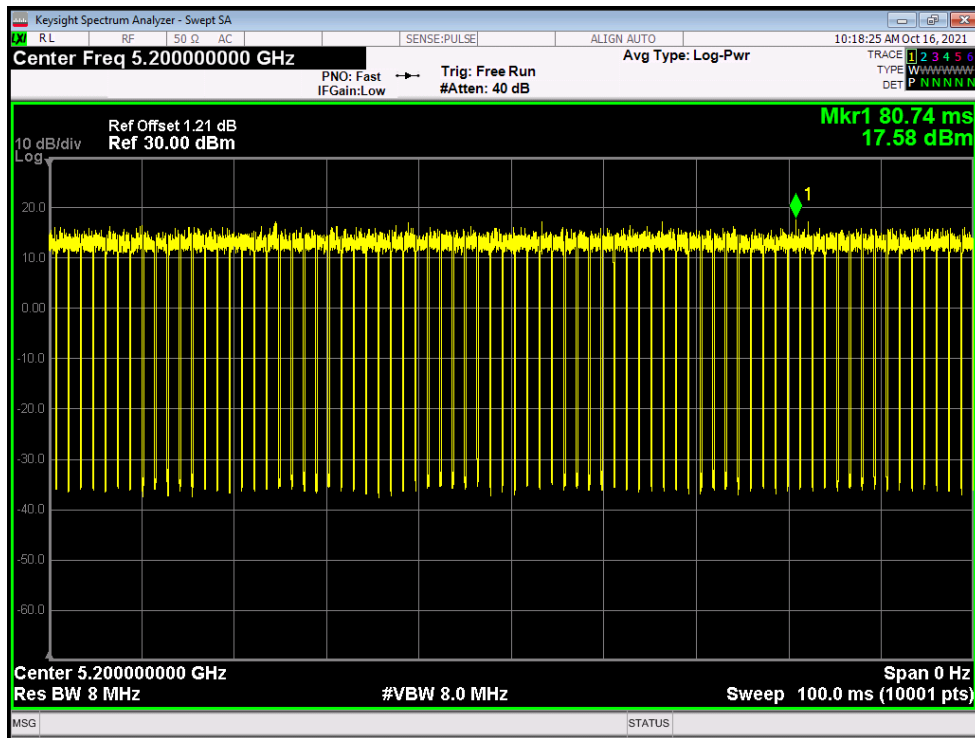
Duty Cycle NVNT a 5240MHz Ant1



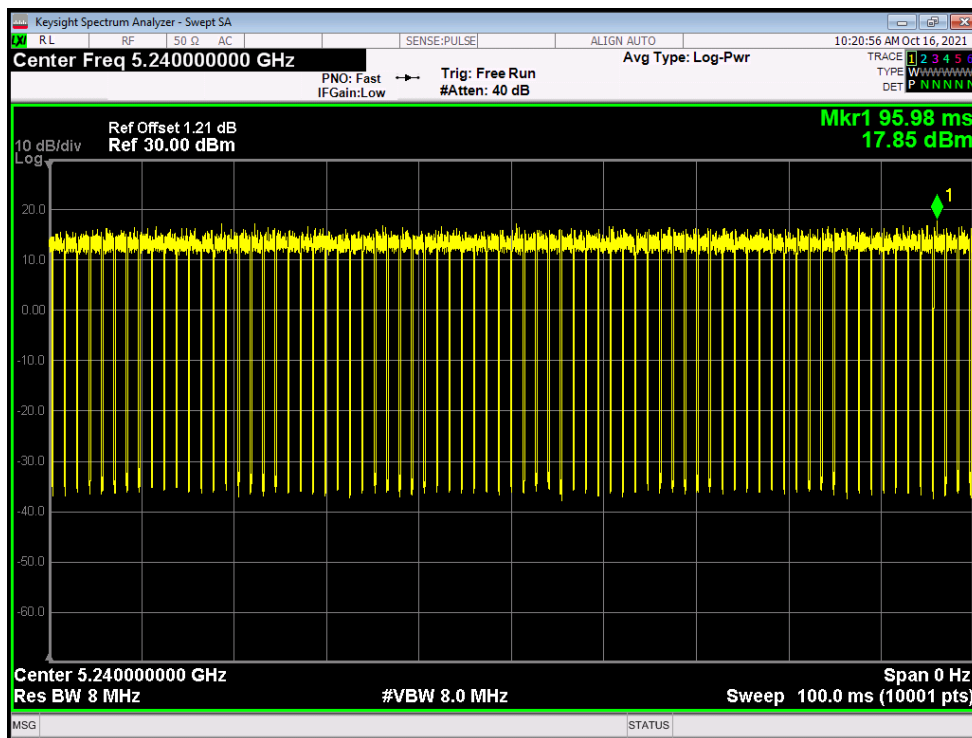
Duty Cycle NVNT ac20 5180MHz Ant1



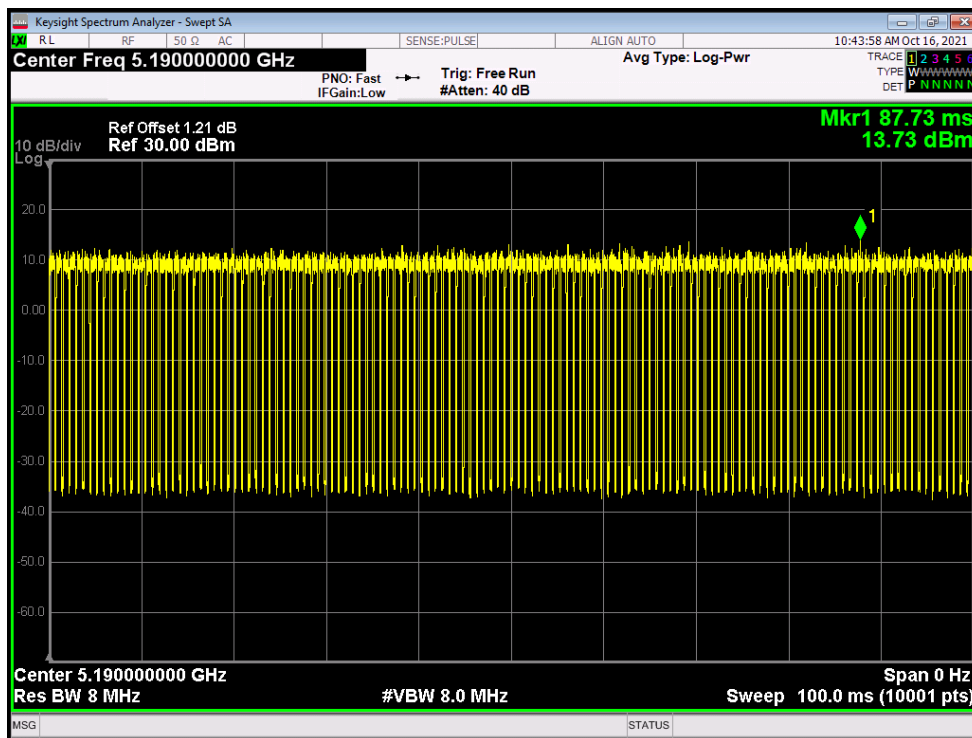
Duty Cycle NVNT ac20 5200MHz Ant1



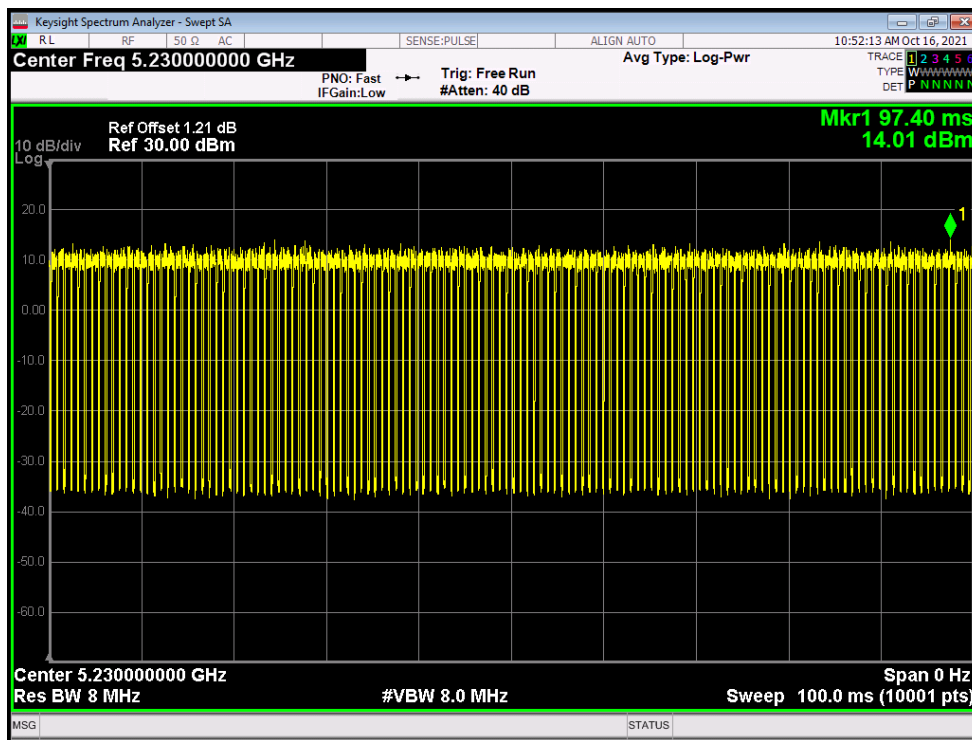
Duty Cycle NVNT ac20 5240MHz Ant1



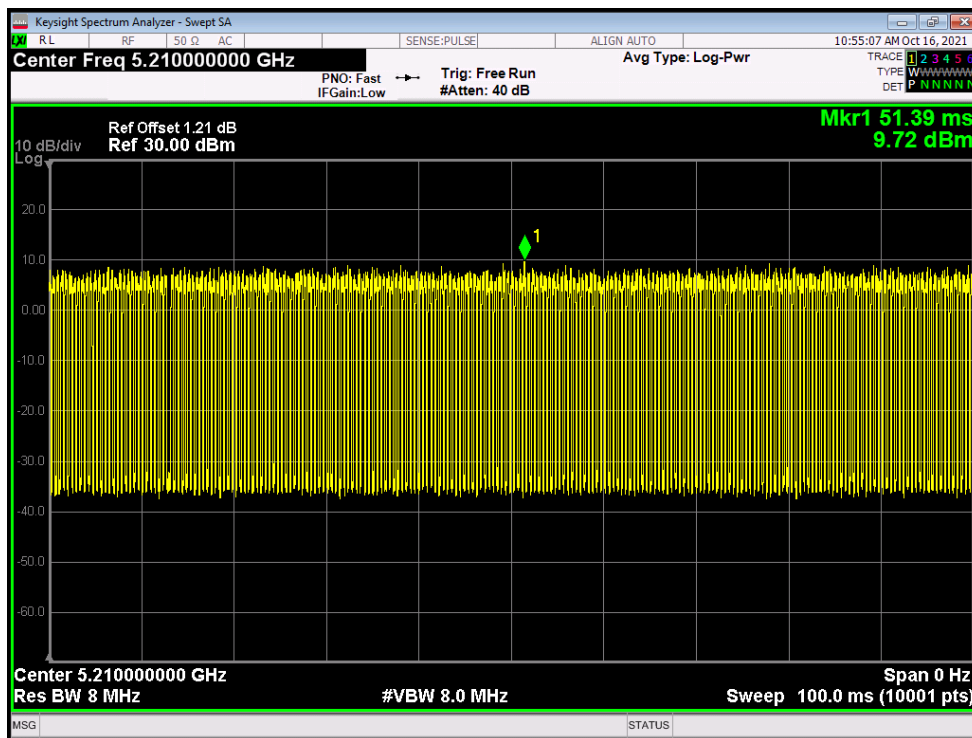
Duty Cycle NVNT ac40 5190MHz Ant1



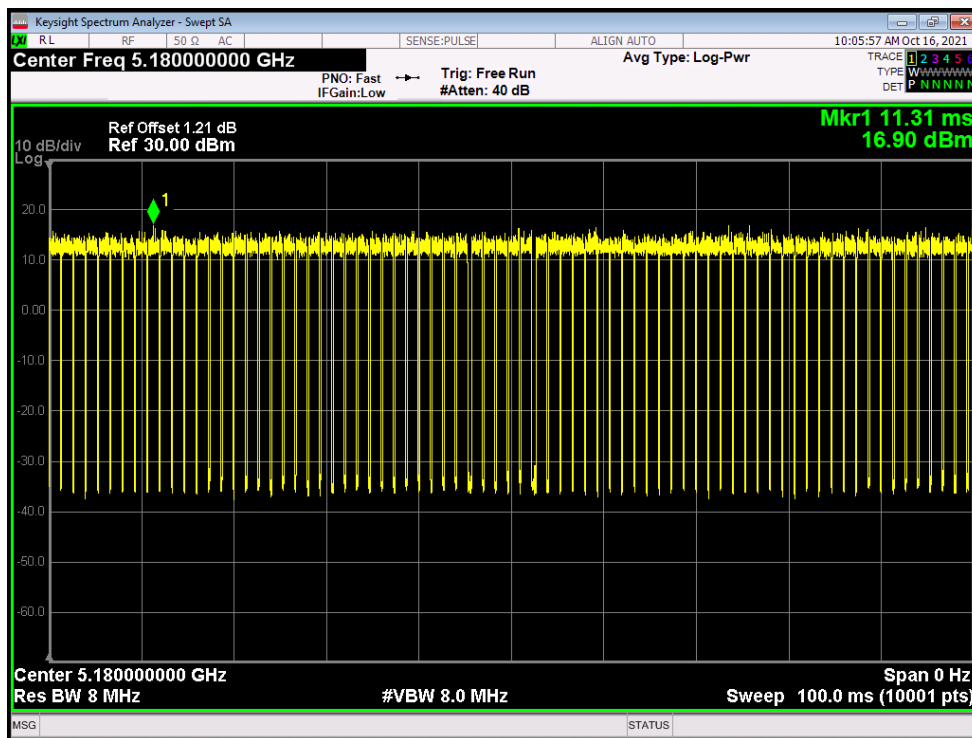
Duty Cycle NVNT ac40 5230MHz Ant1



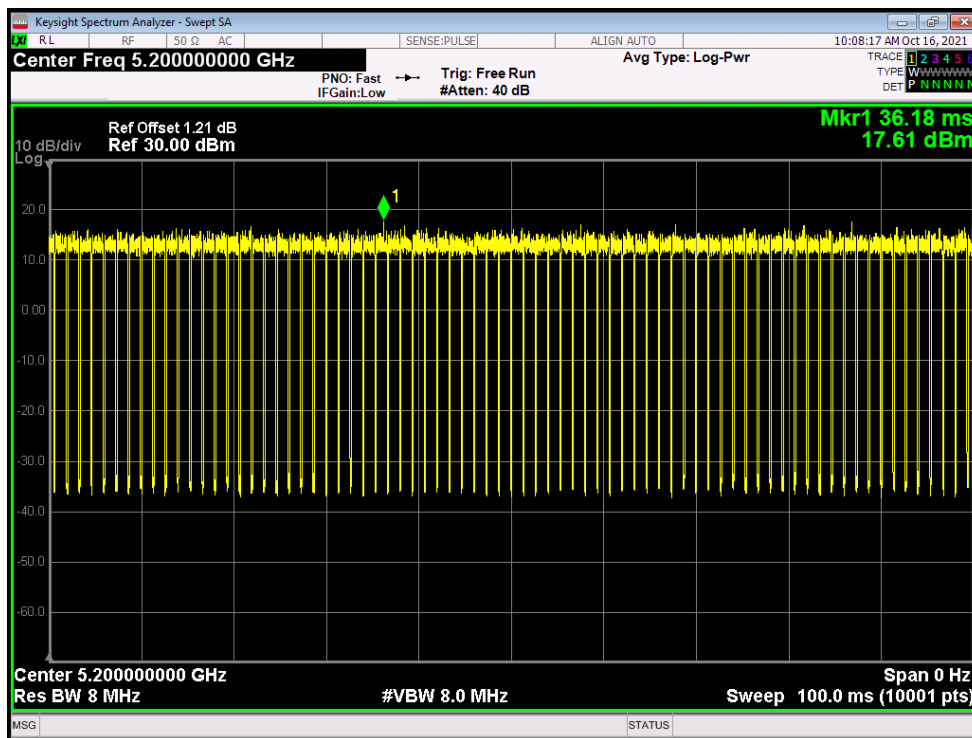
Duty Cycle NVNT ac80 5210MHz Ant1



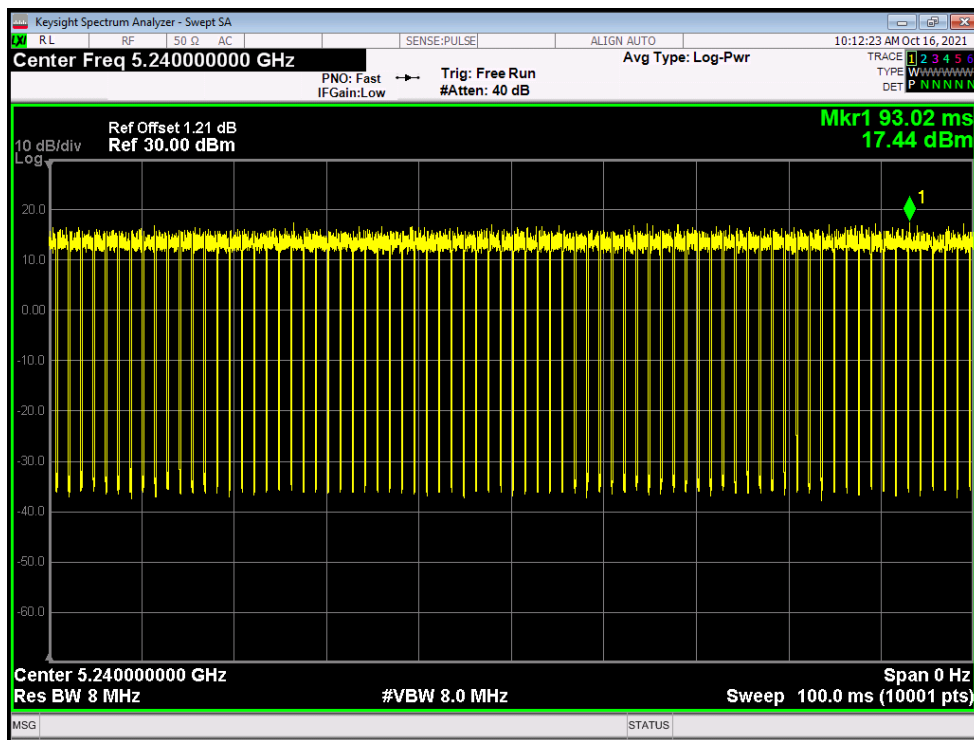
Duty Cycle NVNT n20 5180MHz Ant1



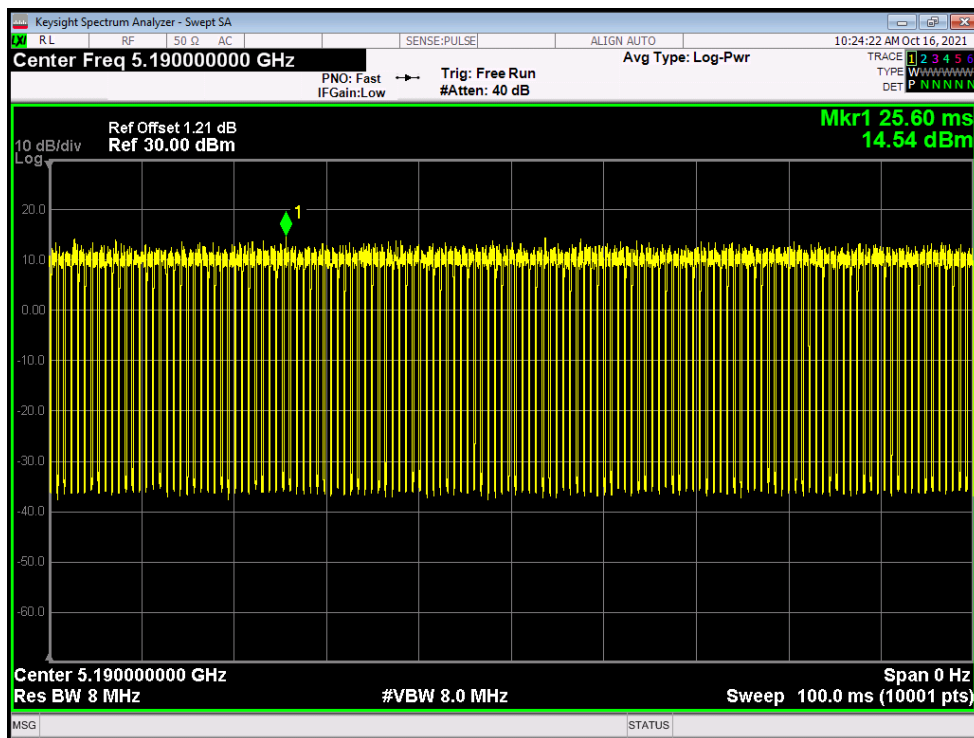
Duty Cycle NVNT n20 5200MHz Ant1



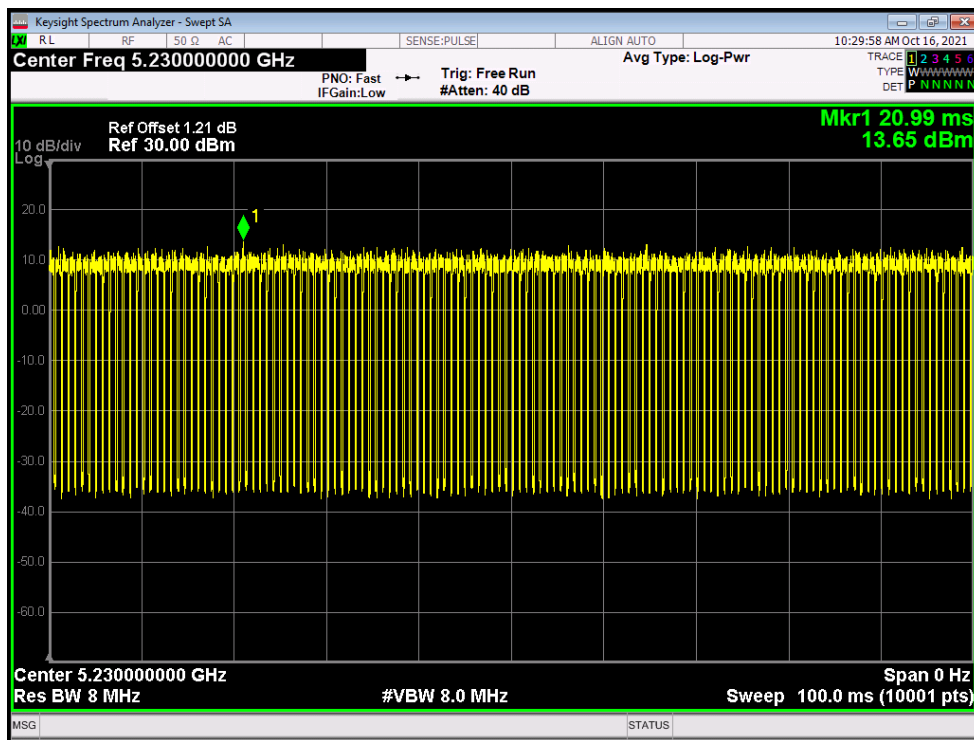
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.424	24	Pass
NVNT	a	5200	Ant1	9.402	24	Pass
NVNT	a	5240	Ant1	9.596	24	Pass
NVNT	ac20	5180	Ant1	8.96	24	Pass
NVNT	ac20	5200	Ant1	9.205	24	Pass
NVNT	ac20	5240	Ant1	9.359	24	Pass
NVNT	ac40	5190	Ant1	8.493	24	Pass
NVNT	ac40	5230	Ant1	9.129	24	Pass
NVNT	ac80	5210	Ant1	8.564	24	Pass
NVNT	n20	5180	Ant1	8.899	24	Pass
NVNT	n20	5200	Ant1	9.25	24	Pass
NVNT	n20	5240	Ant1	9.627	24	Pass
NVNT	n40	5190	Ant1	8.475	24	Pass
NVNT	n40	5230	Ant1	8.728	24	Pass

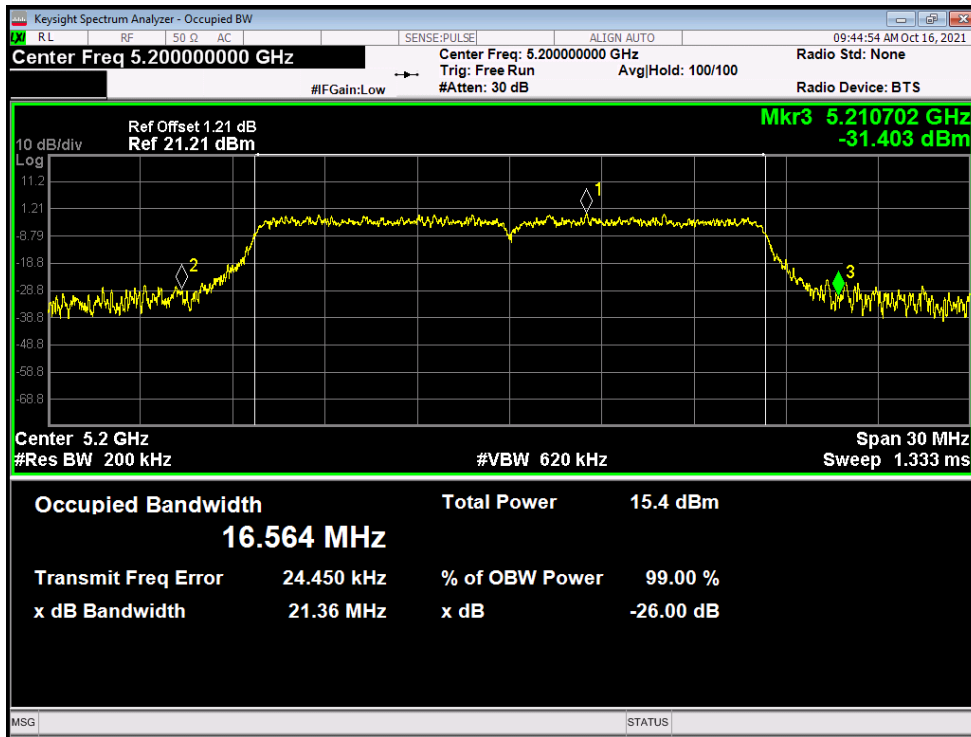
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.969	0.5	Pass
NVNT	a	5200	Ant1	21.355	0.5	Pass
NVNT	a	5240	Ant1	22.935	0.5	Pass
NVNT	ac20	5180	Ant1	27.254	0.5	Pass
NVNT	ac20	5200	Ant1	28.138	0.5	Pass
NVNT	ac20	5240	Ant1	27.556	0.5	Pass
NVNT	ac40	5190	Ant1	43.703	0.5	Pass
NVNT	ac40	5230	Ant1	45.185	0.5	Pass
NVNT	ac80	5210	Ant1	84.094	0.5	Pass
NVNT	n20	5180	Ant1	27.726	0.5	Pass
NVNT	n20	5200	Ant1	27.716	0.5	Pass
NVNT	n20	5240	Ant1	26.743	0.5	Pass
NVNT	n40	5190	Ant1	43.996	0.5	Pass
NVNT	n40	5230	Ant1	46.345	0.5	Pass

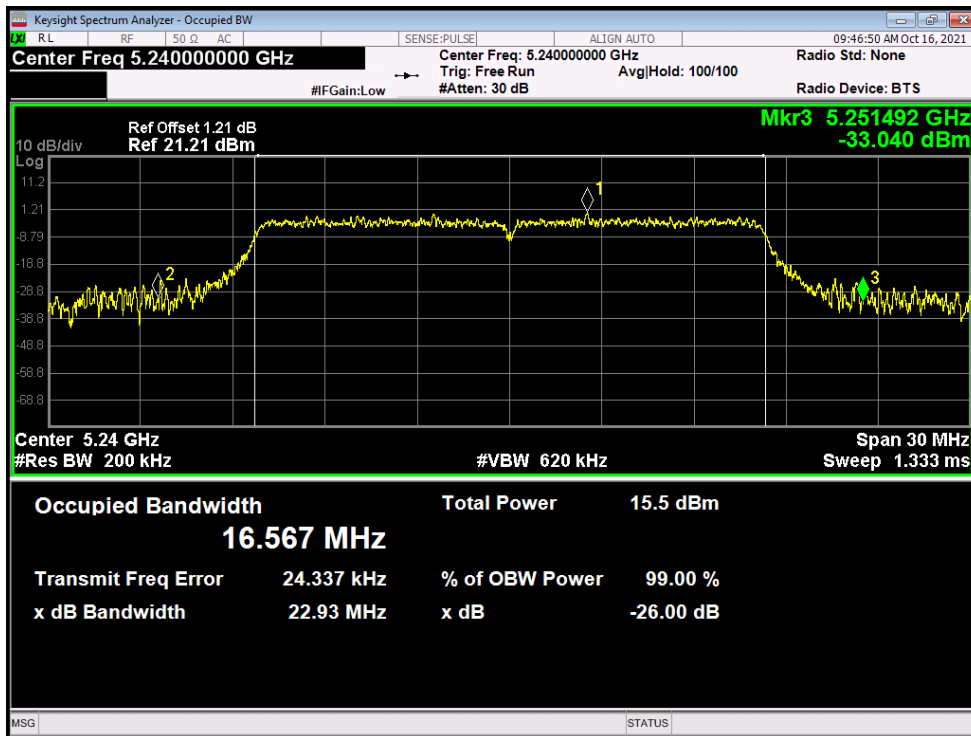
-26dB Bandwidth NVNT a 5180MHz Ant1



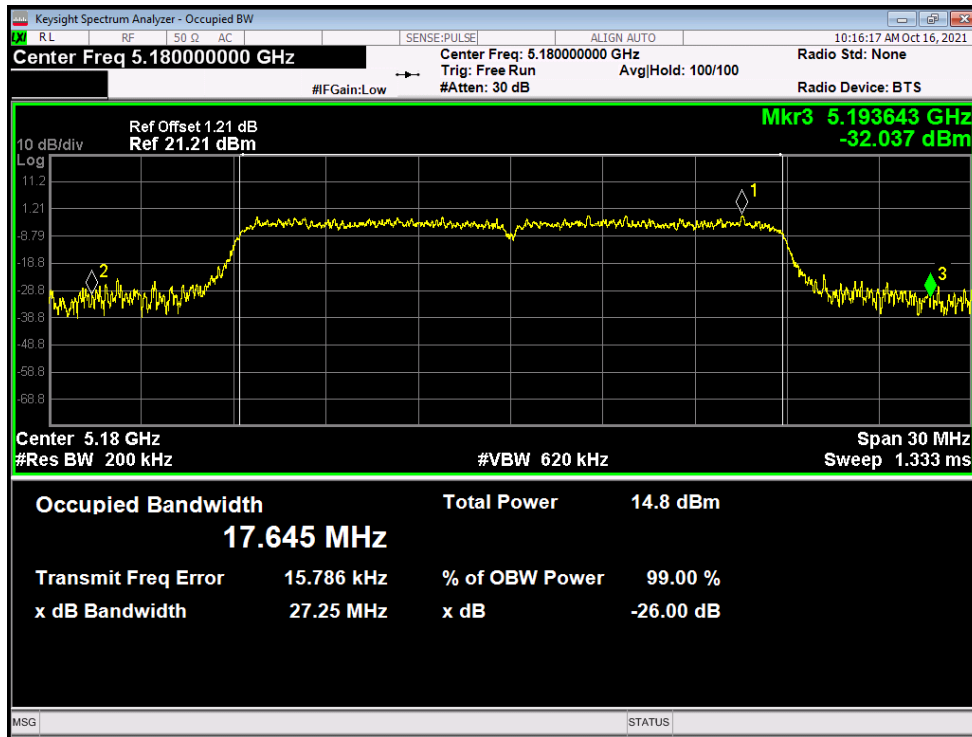
-26dB Bandwidth NVNT a 5200MHz Ant1



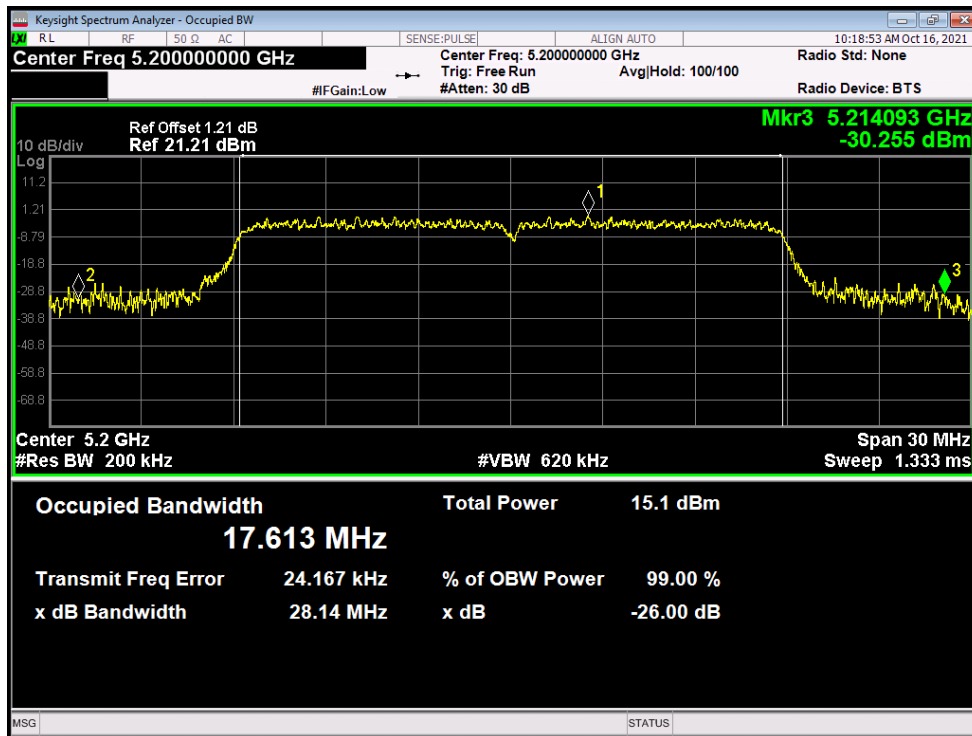
-26dB Bandwidth NVNT a 5240MHz Ant1



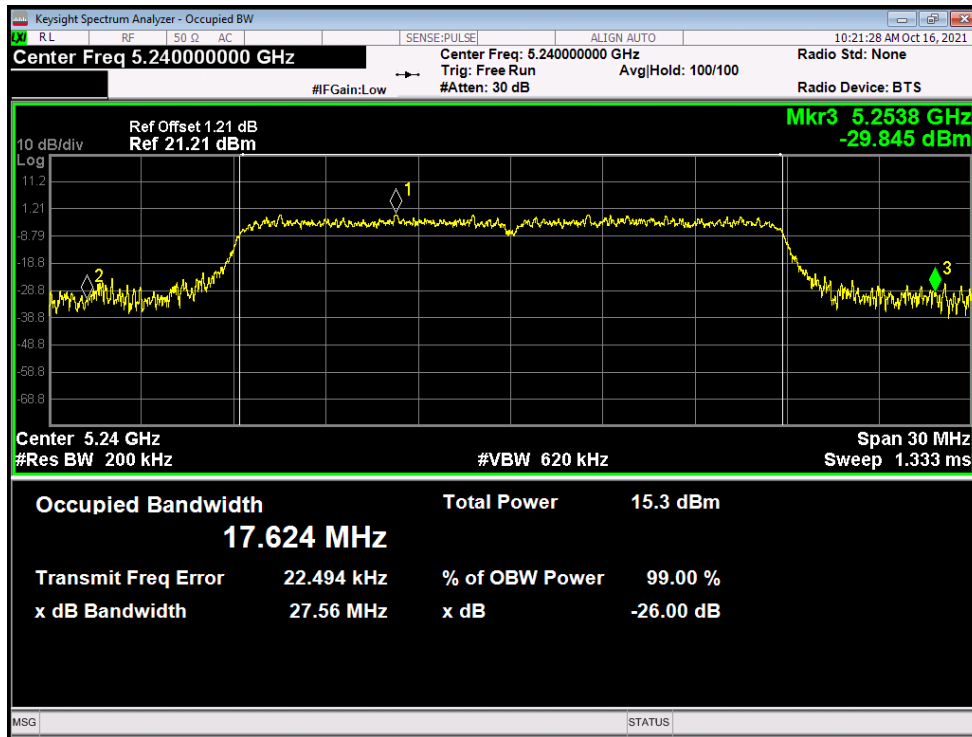
-26dB Bandwidth NVNT ac20 5180MHz Ant1



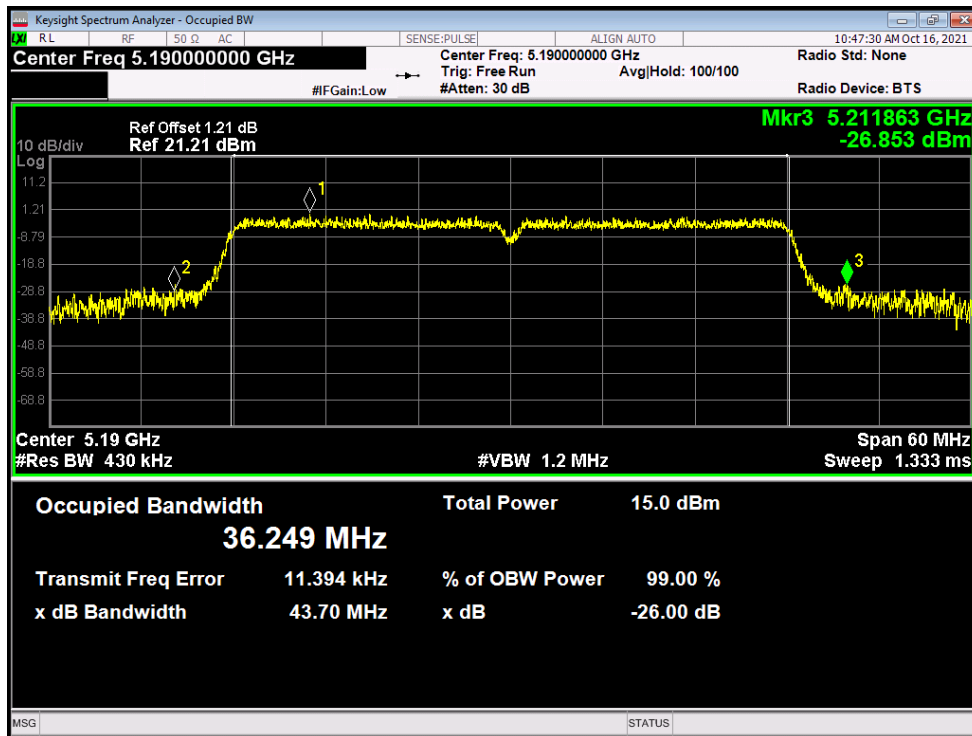
-26dB Bandwidth NVNT ac20 5200MHz Ant1



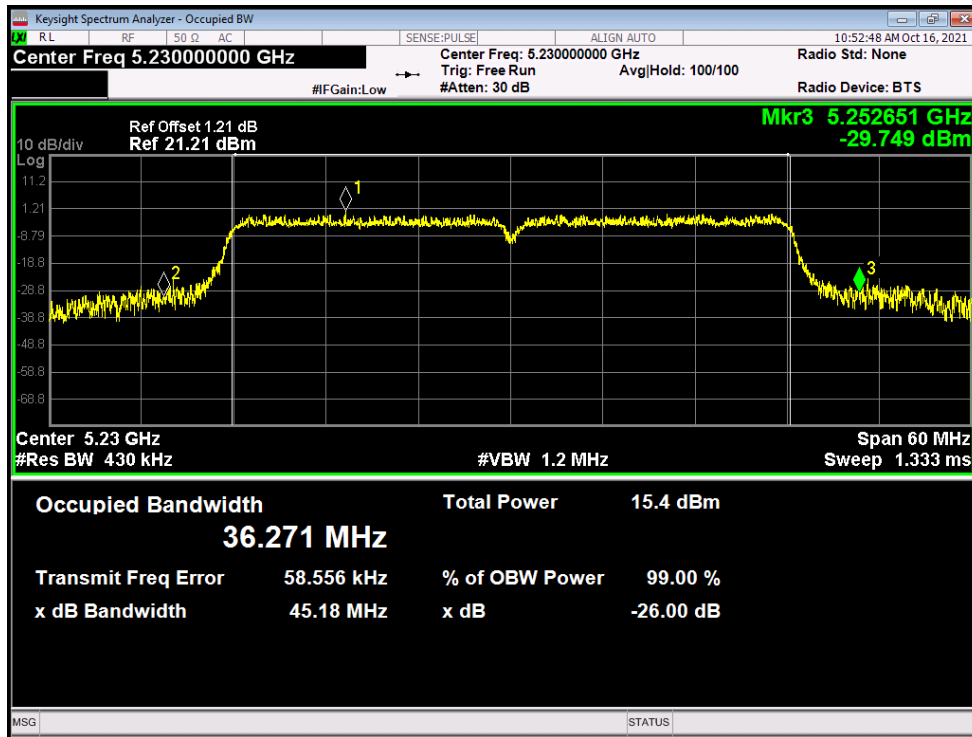
-26dB Bandwidth NVNT ac20 5240MHz Ant1



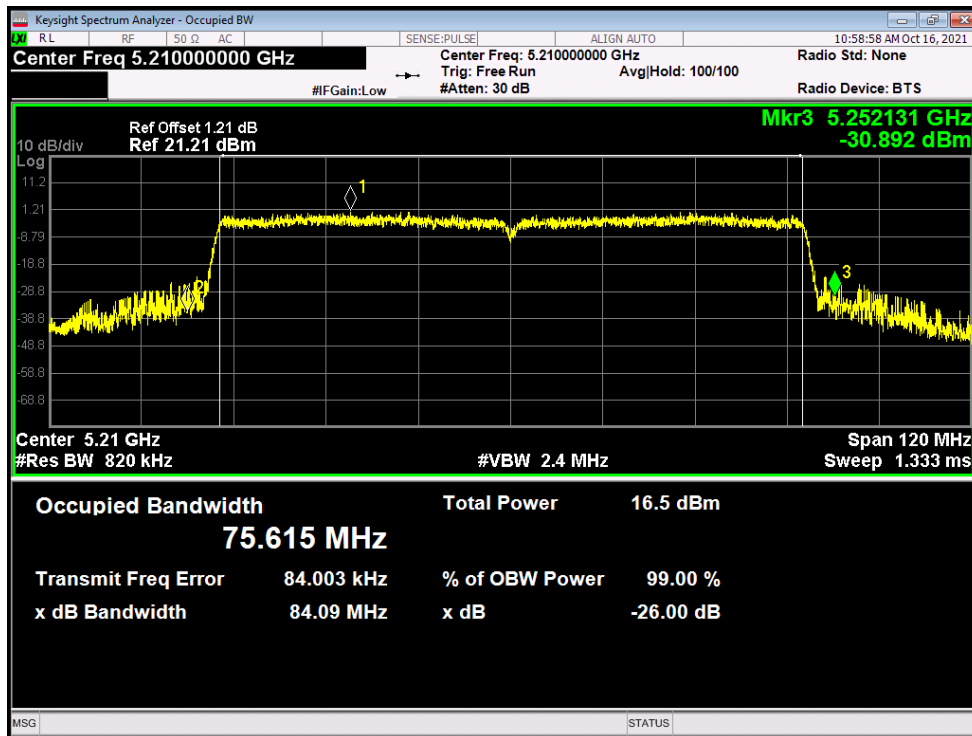
-26dB Bandwidth NVNT ac40 5190MHz Ant1



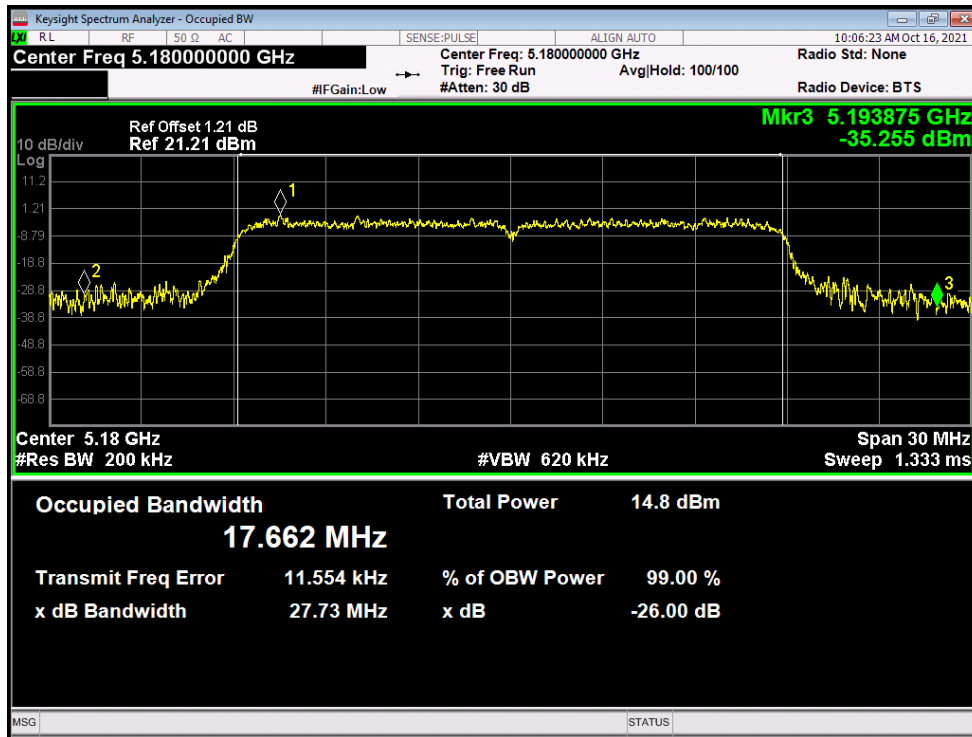
-26dB Bandwidth NVNT ac40 5230MHz Ant1



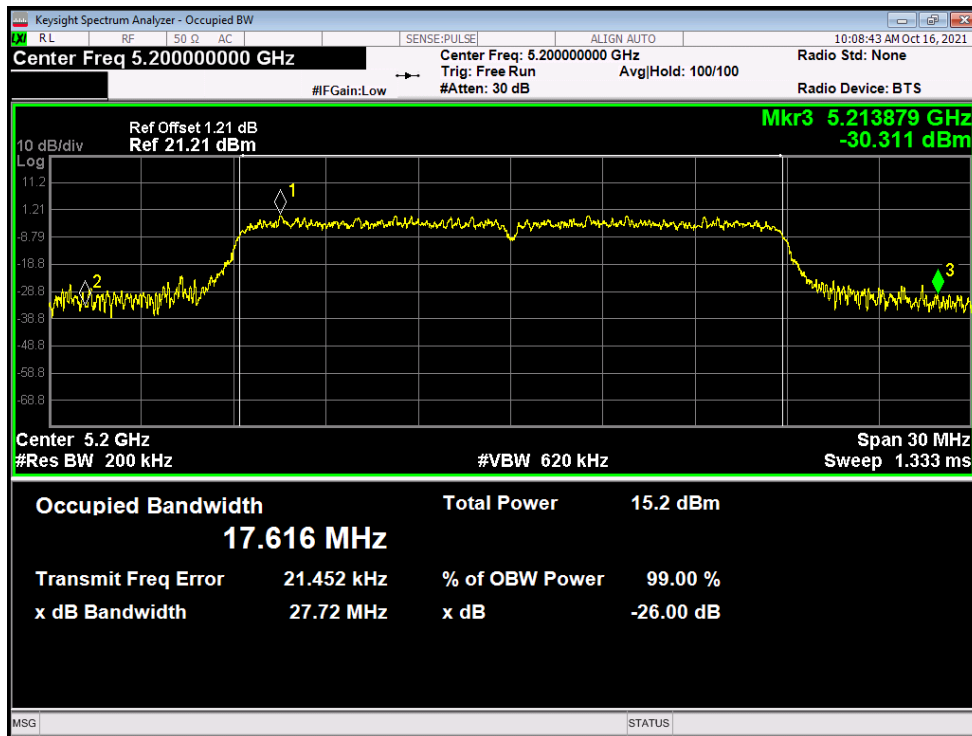
-26dB Bandwidth NVNT ac80 5210MHz Ant1



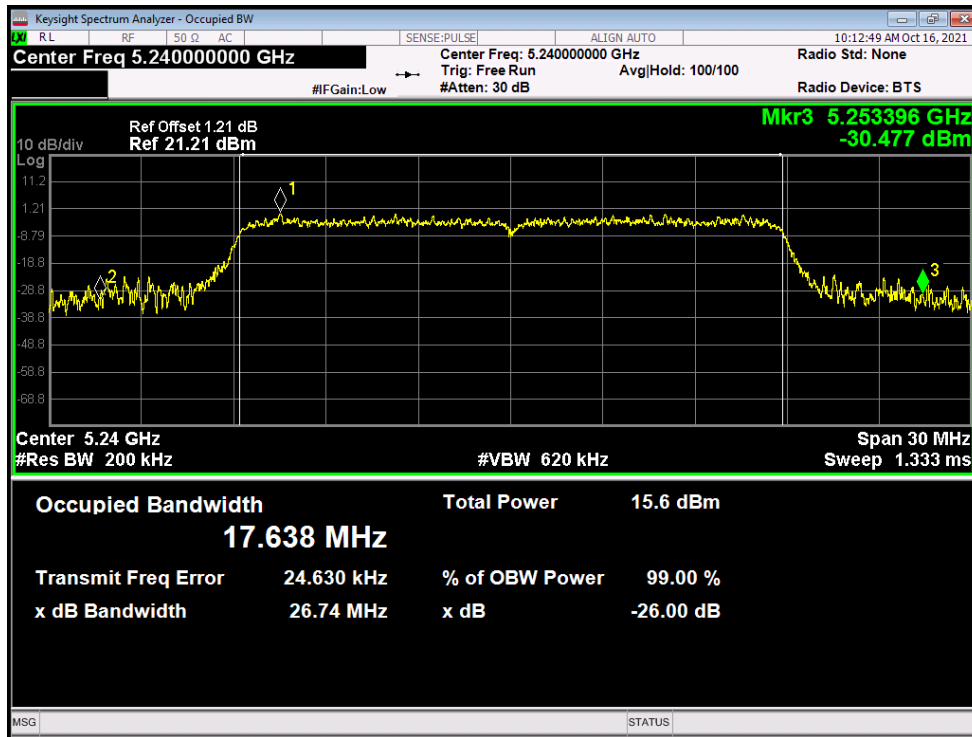
-26dB Bandwidth NVNT n20 5180MHz Ant1



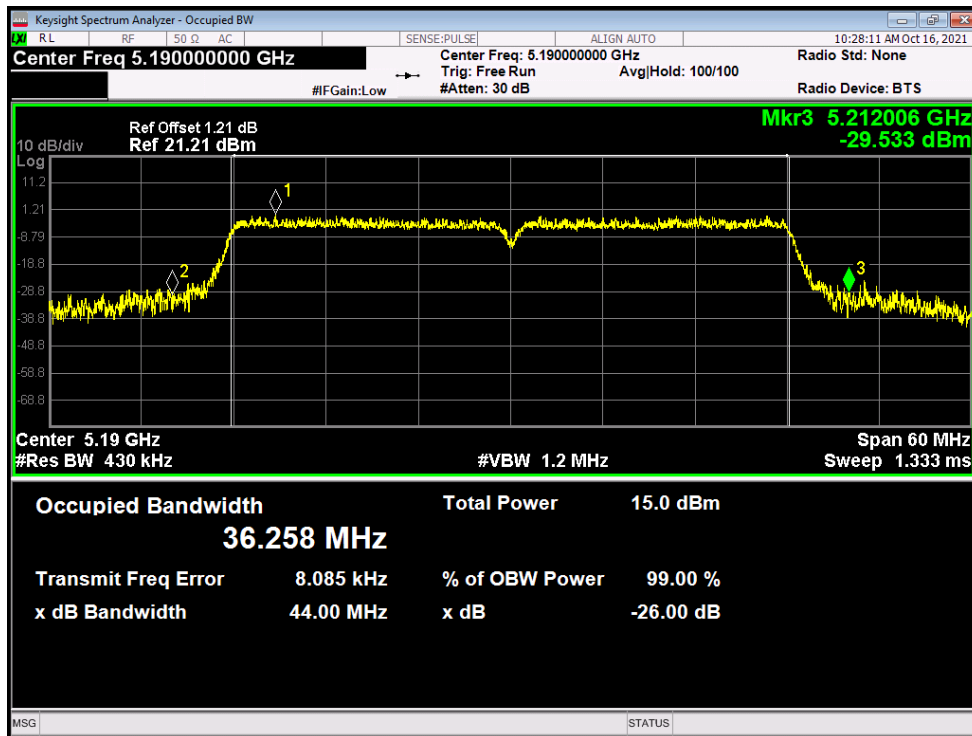
-26dB Bandwidth NVNT n20 5200MHz Ant1



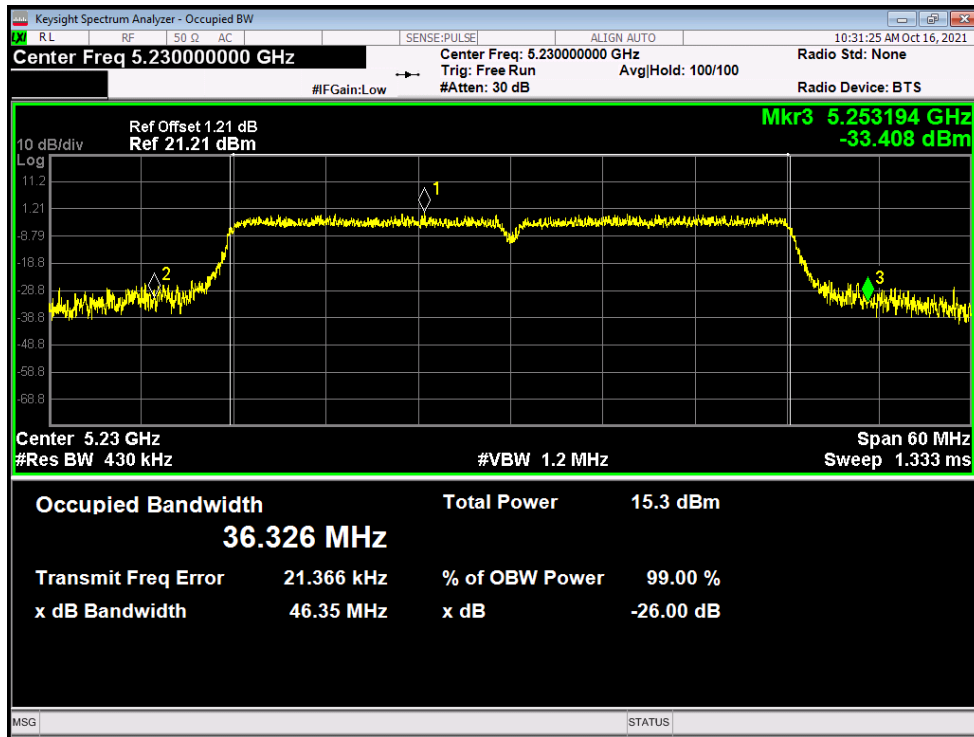
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



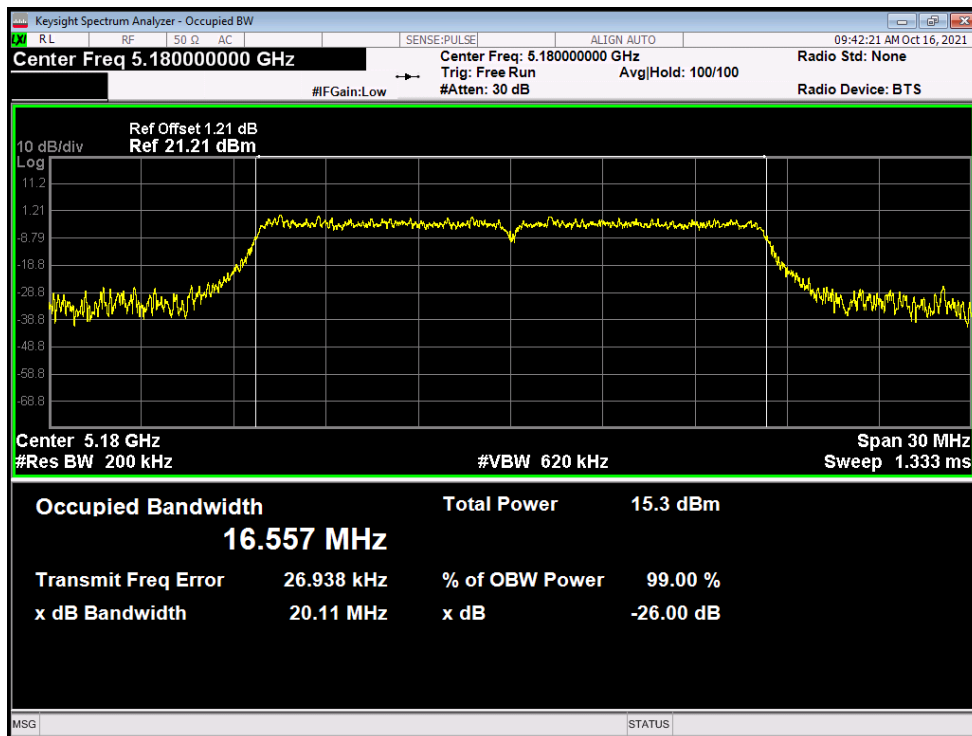
-26dB Bandwidth NVNT n40 5230MHz Ant1



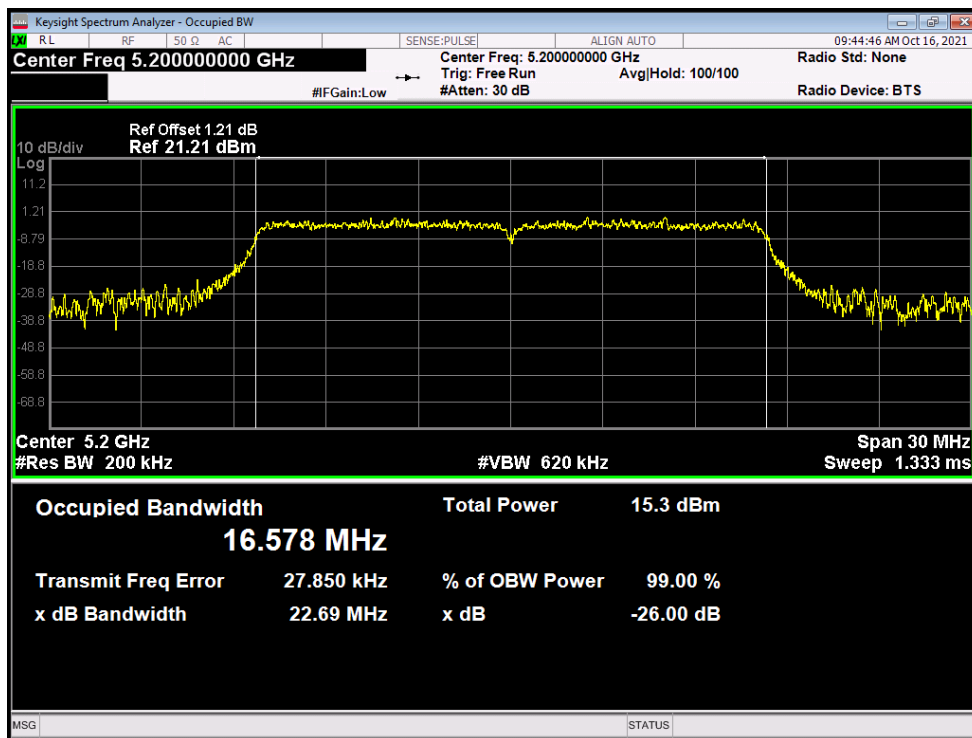
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.557
NVNT	a	5200	Ant1	16.578
NVNT	a	5240	Ant1	16.536
NVNT	ac20	5180	Ant1	17.64
NVNT	ac20	5200	Ant1	17.615
NVNT	ac20	5240	Ant1	17.631
NVNT	ac40	5190	Ant1	36.284
NVNT	ac40	5230	Ant1	36.221
NVNT	ac80	5210	Ant1	75.624
NVNT	n20	5180	Ant1	17.604
NVNT	n20	5200	Ant1	17.622
NVNT	n20	5240	Ant1	17.649
NVNT	n40	5190	Ant1	36.219
NVNT	n40	5230	Ant1	36.297

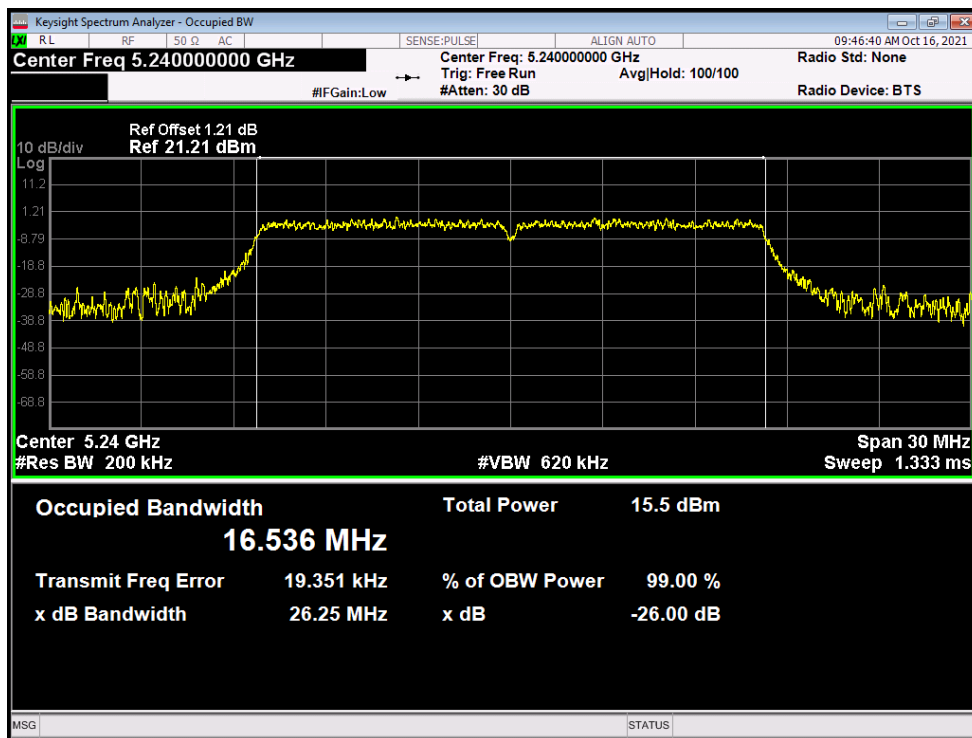
OBW NVNT a 5180MHz Ant1



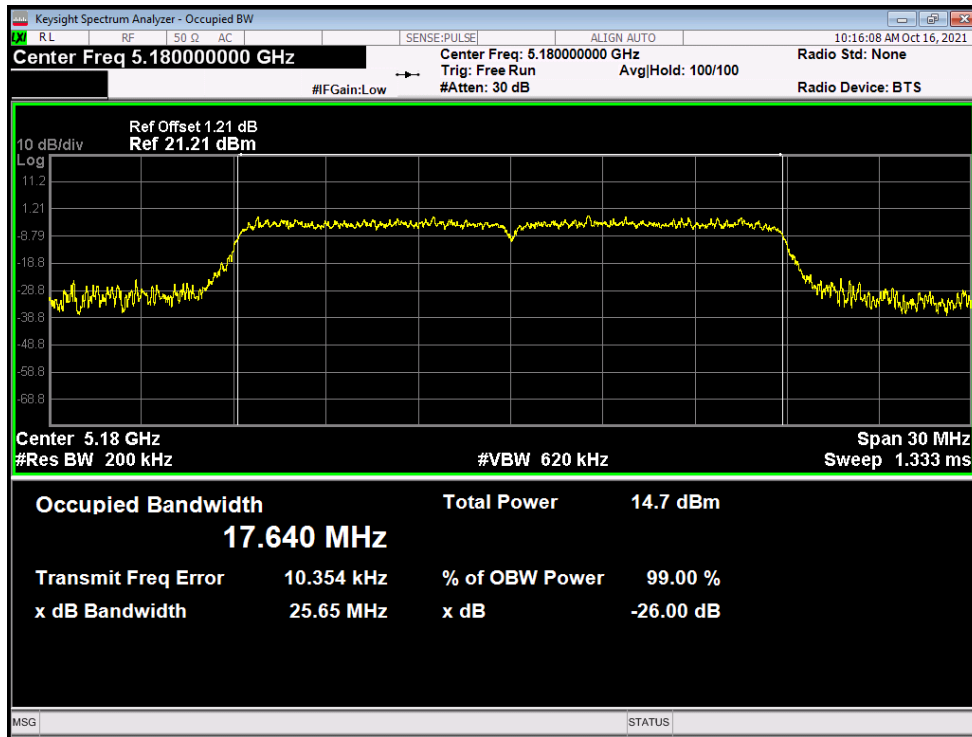
OBW NVNT a 5200MHz Ant1



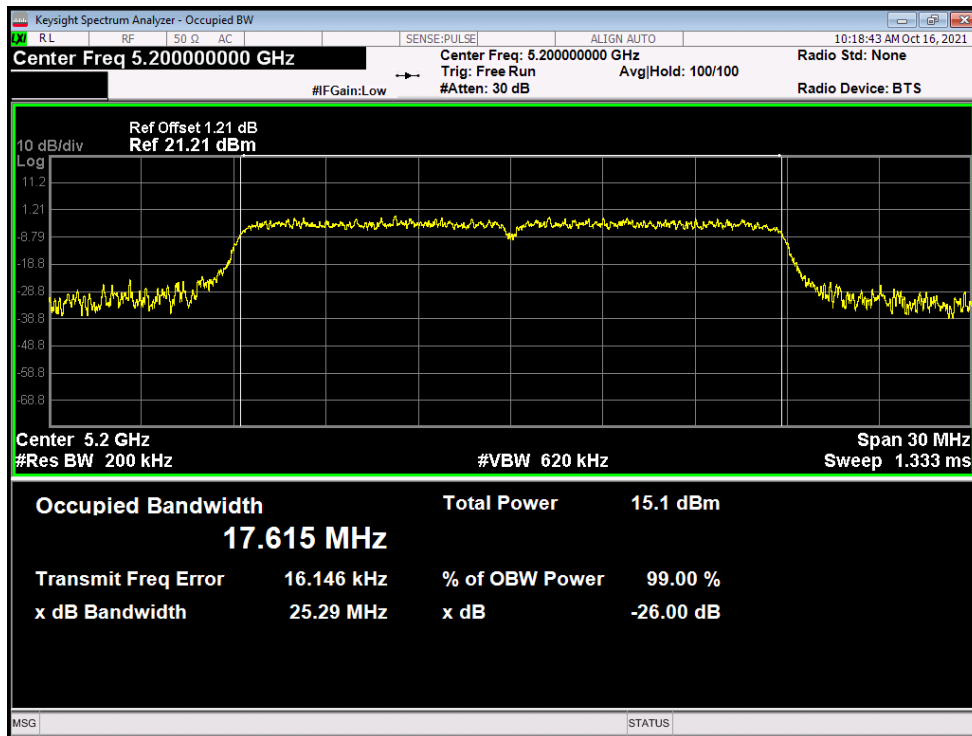
OBW NVNT a 5240MHz Ant1



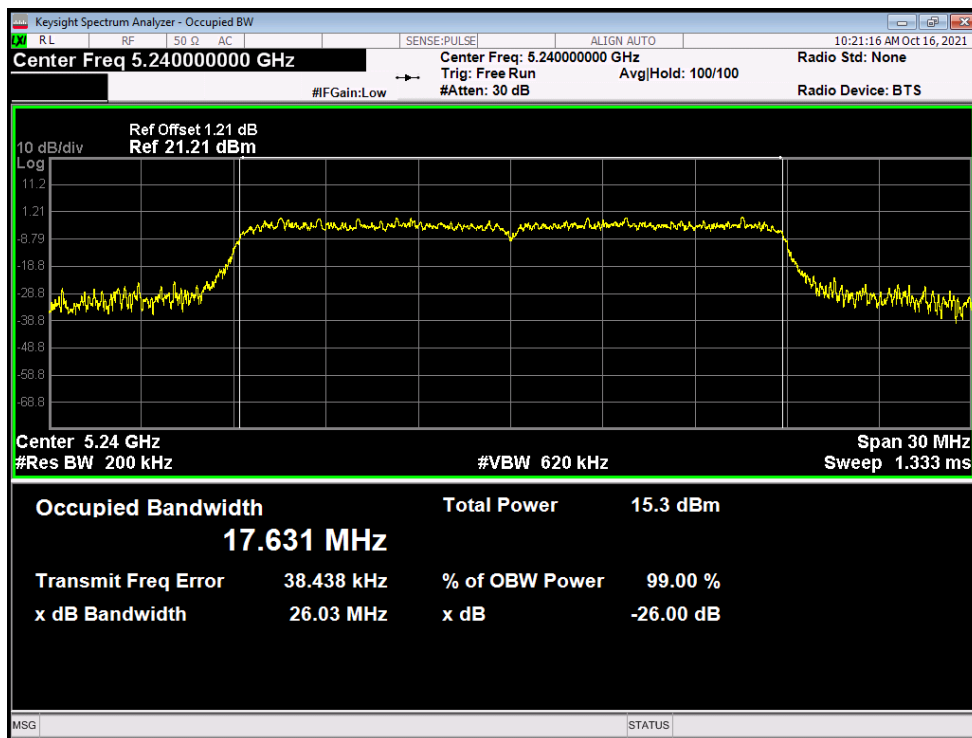
OBW NVNT ac20 5180MHz Ant1



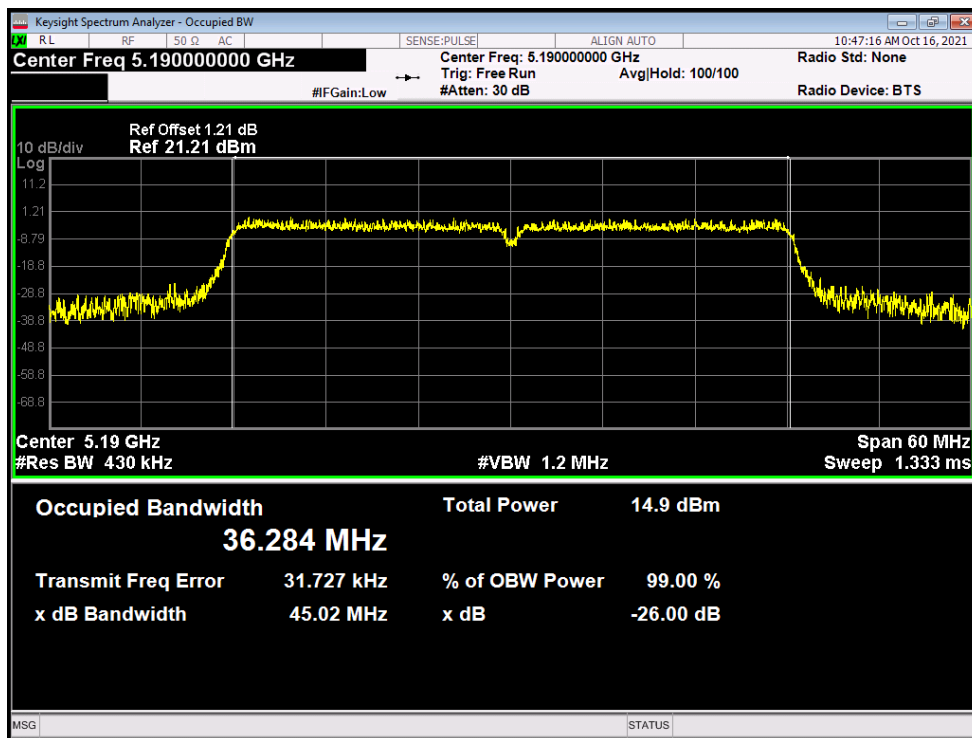
OBW NVNT ac20 5200MHz Ant1



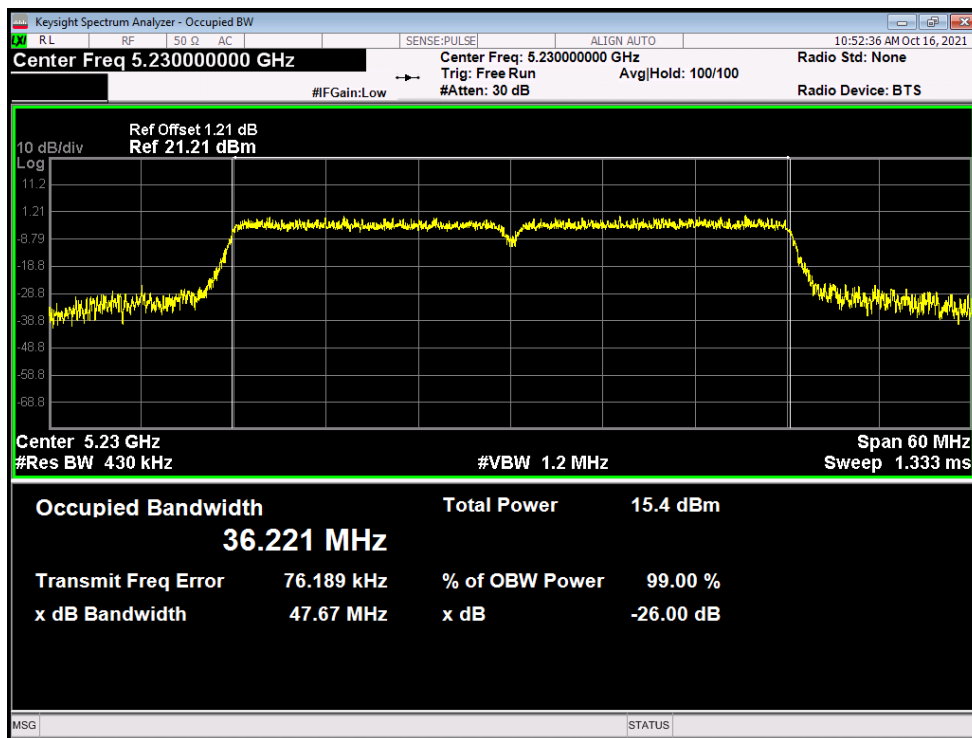
OBW NVNT ac20 5240MHz Ant1



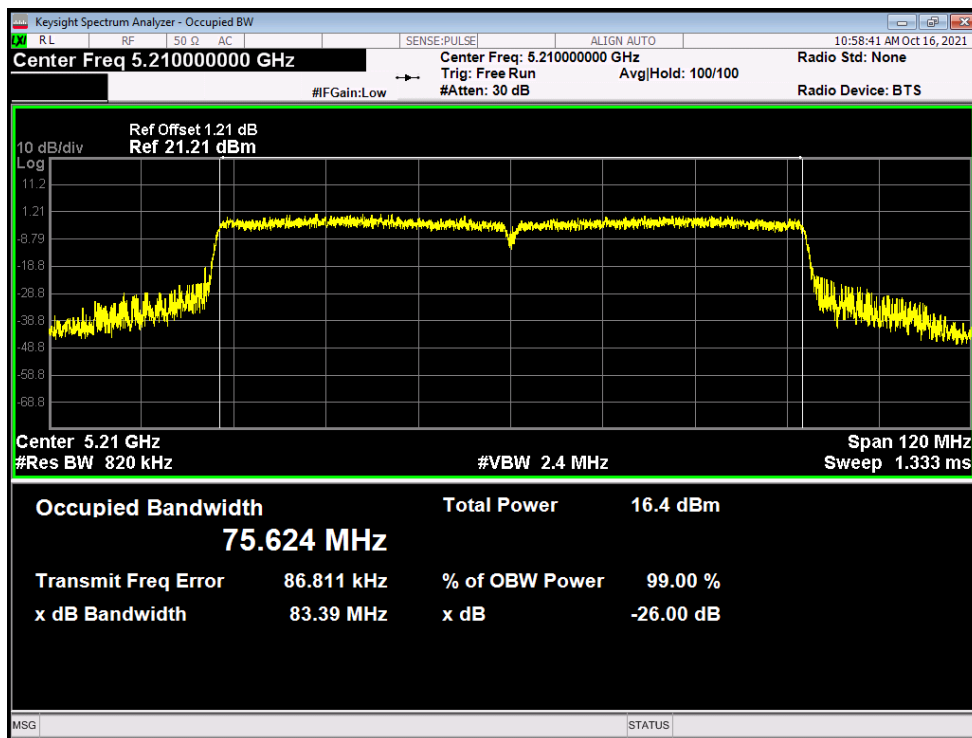
OBW NVNT ac40 5190MHz Ant1



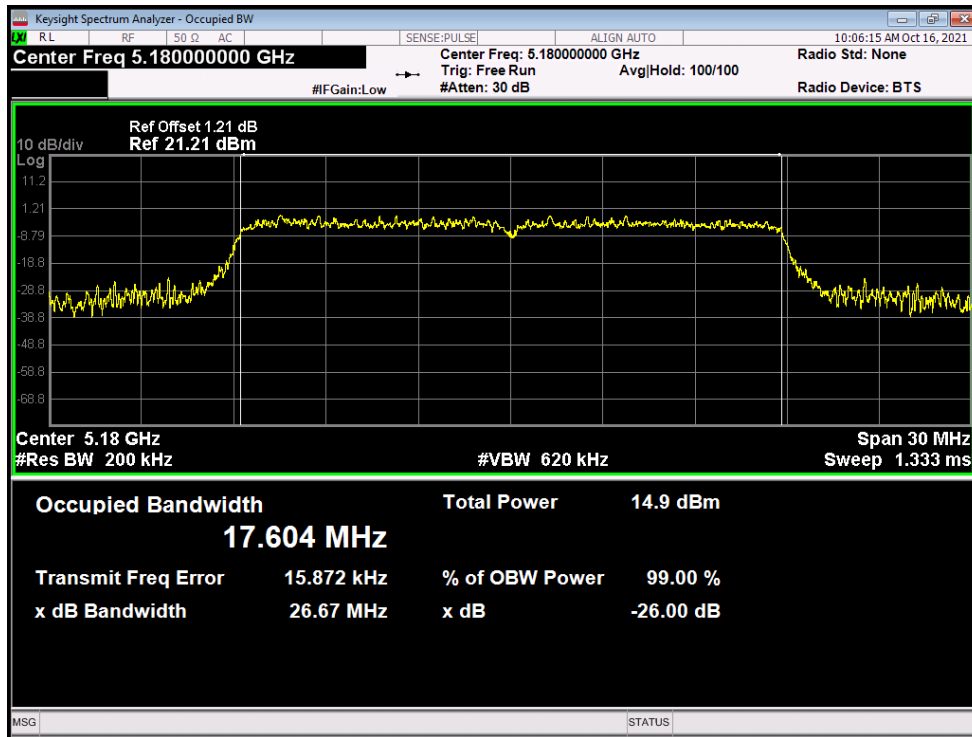
OBW NVNT ac40 5230MHz Ant1



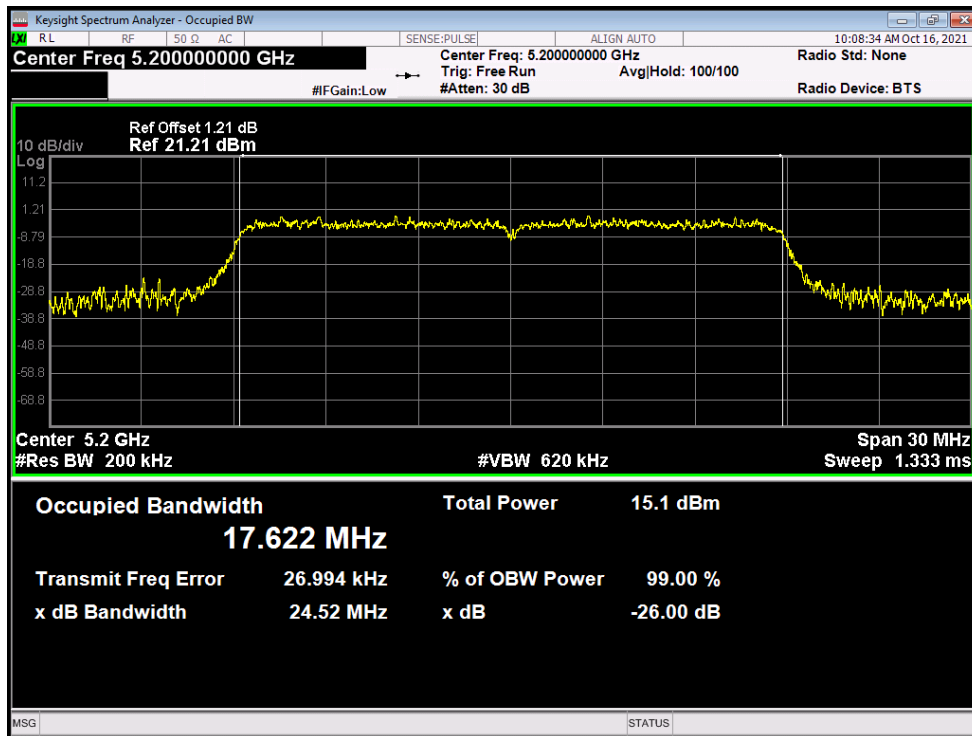
OBW NVNT ac80 5210MHz Ant1



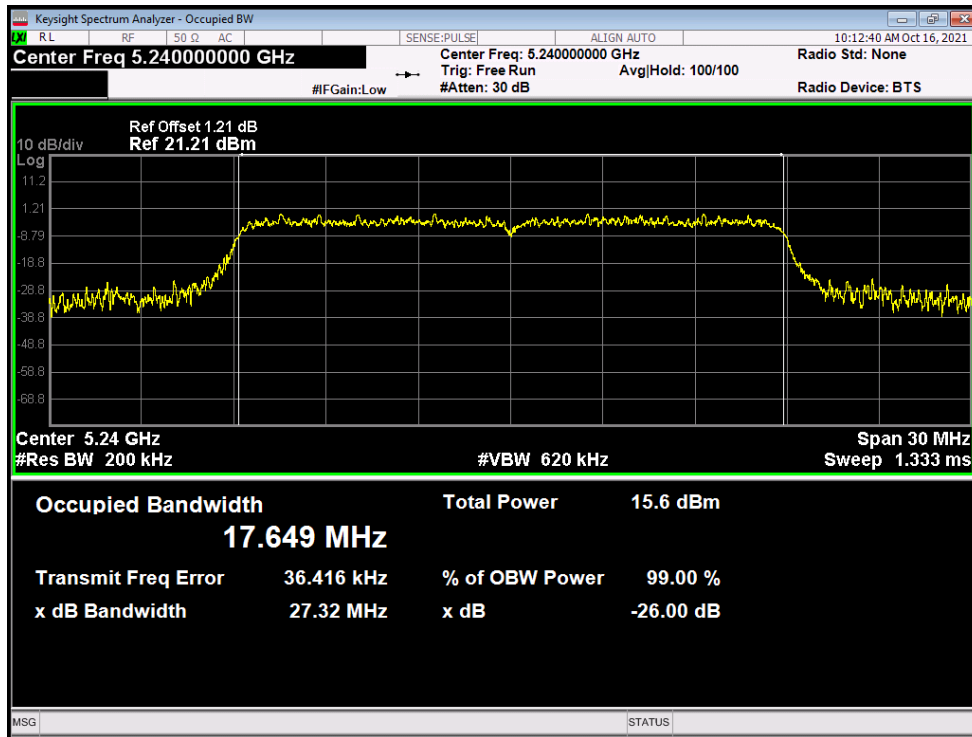
OBW NVNT n20 5180MHz Ant1



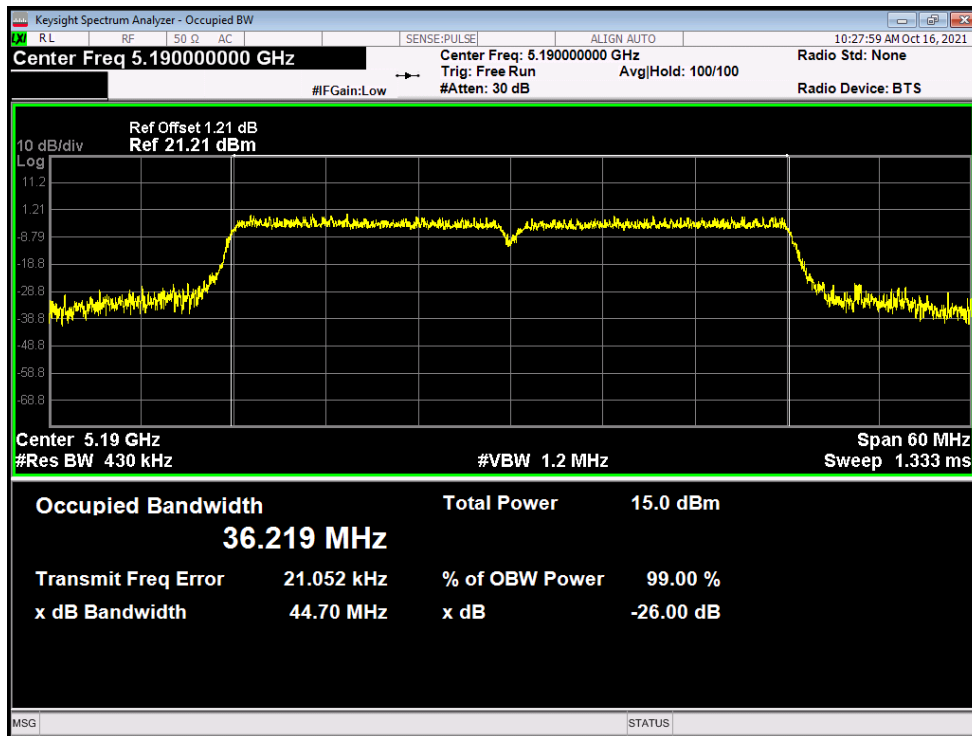
OBW NVNT n20 5200MHz Ant1



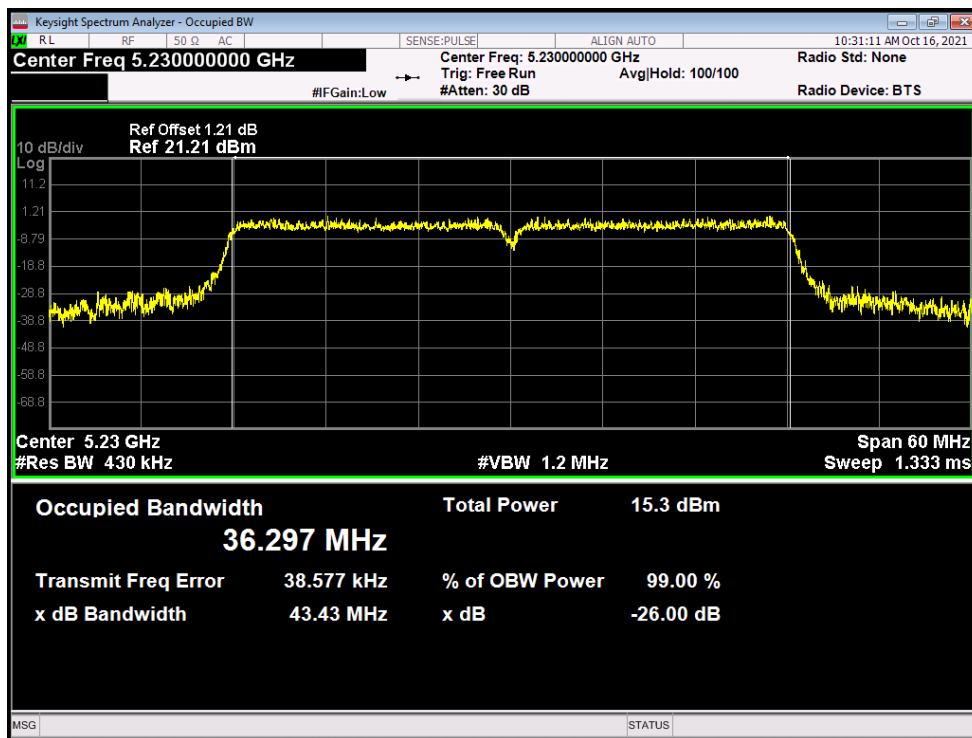
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



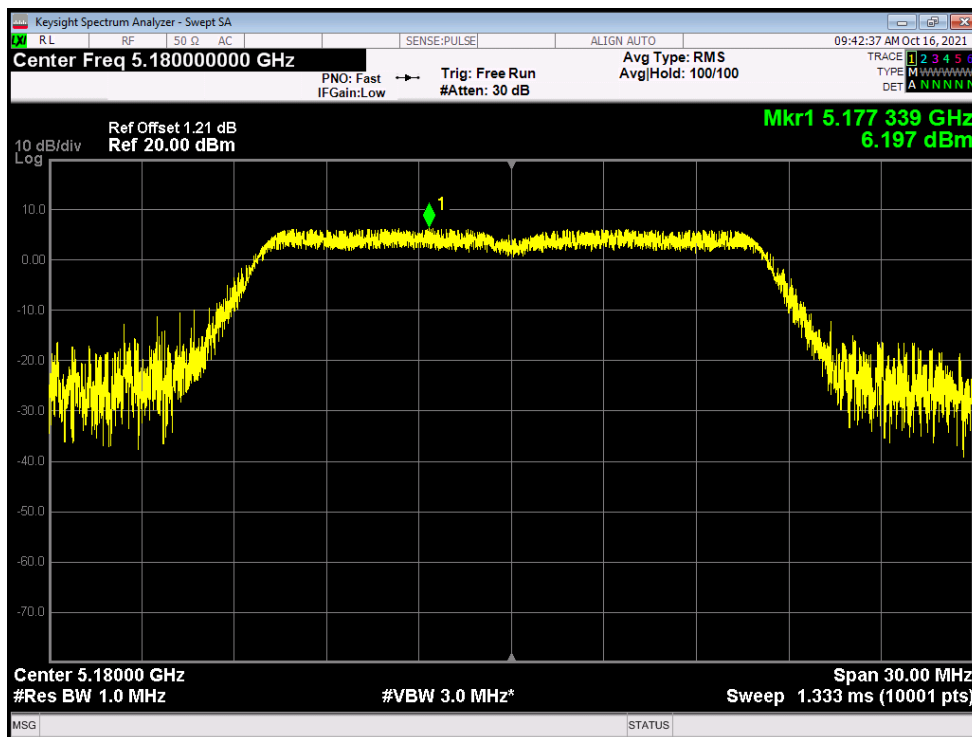
OBW NVNT n40 5230MHz Ant1



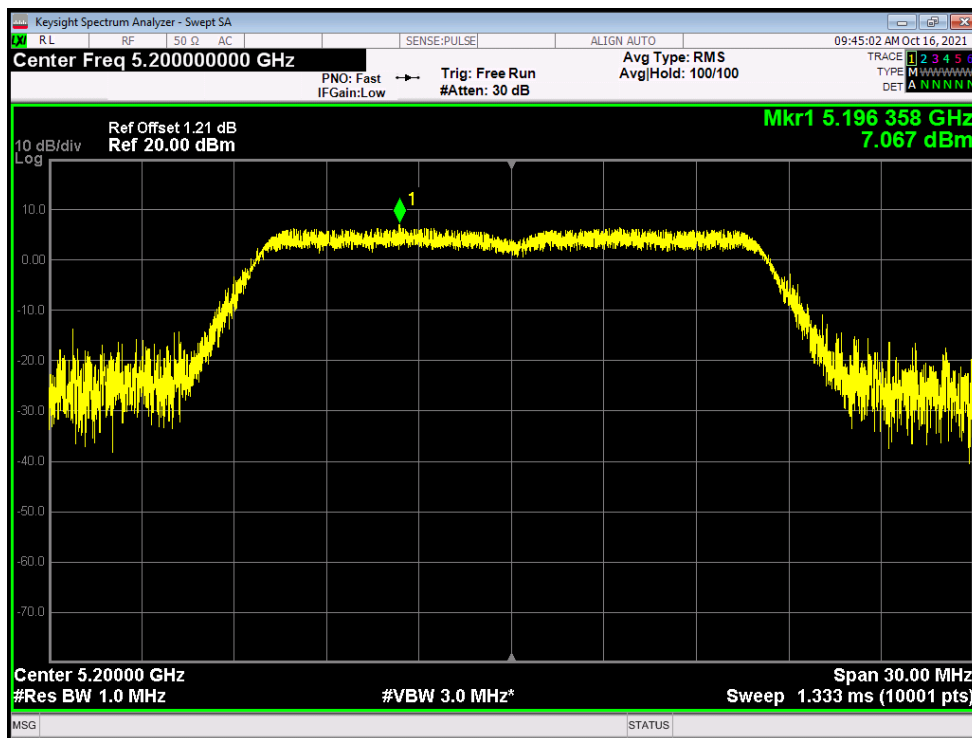
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	6.197	11	Pass
NVNT	a	5200	Ant1	7.067	11	Pass
NVNT	a	5240	Ant1	6.724	11	Pass
NVNT	ac20	5180	Ant1	6.57	11	Pass
NVNT	ac20	5200	Ant1	6.708	11	Pass
NVNT	ac20	5240	Ant1	7.383	11	Pass
NVNT	ac40	5190	Ant1	3.789	11	Pass
NVNT	ac40	5230	Ant1	3.528	11	Pass
NVNT	ac80	5210	Ant1	1.595	11	Pass
NVNT	n20	5180	Ant1	6.465	11	Pass
NVNT	n20	5200	Ant1	6.818	11	Pass
NVNT	n20	5240	Ant1	7.309	11	Pass
NVNT	n40	5190	Ant1	3.683	11	Pass
NVNT	n40	5230	Ant1	3.943	11	Pass

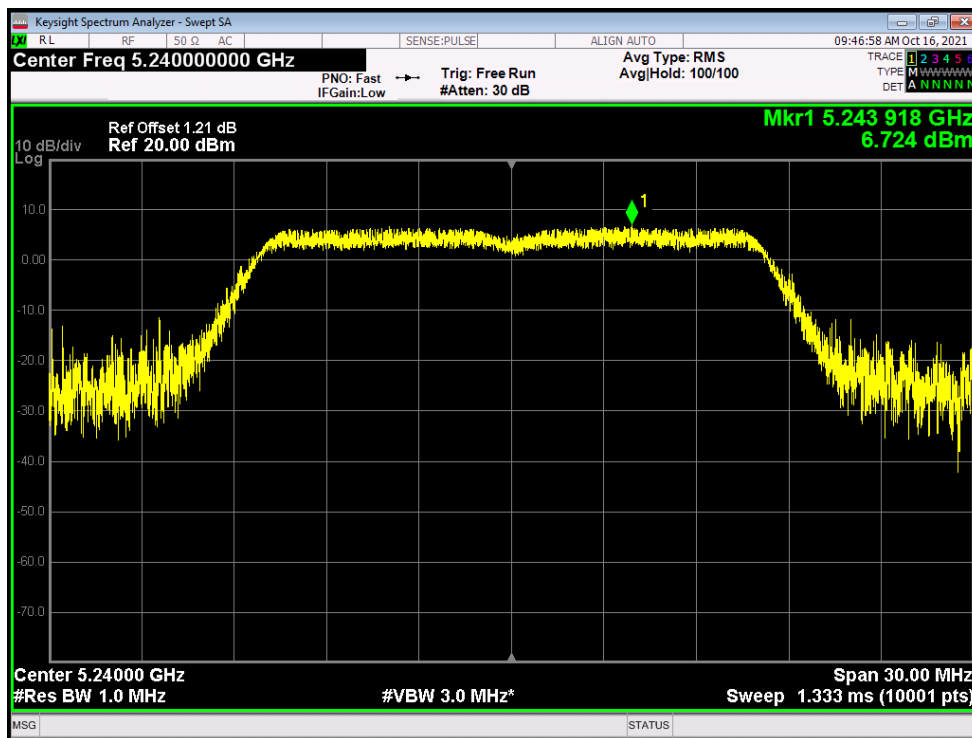
PSD NVNT a 5180MHz Ant1



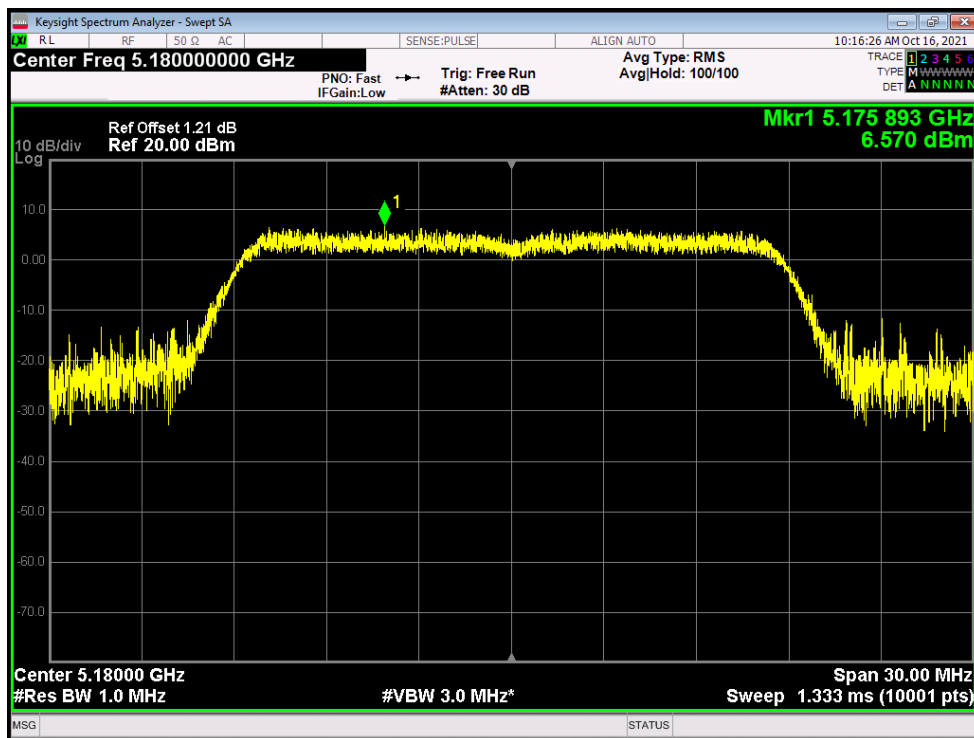
PSD NVNT a 5200MHz Ant1



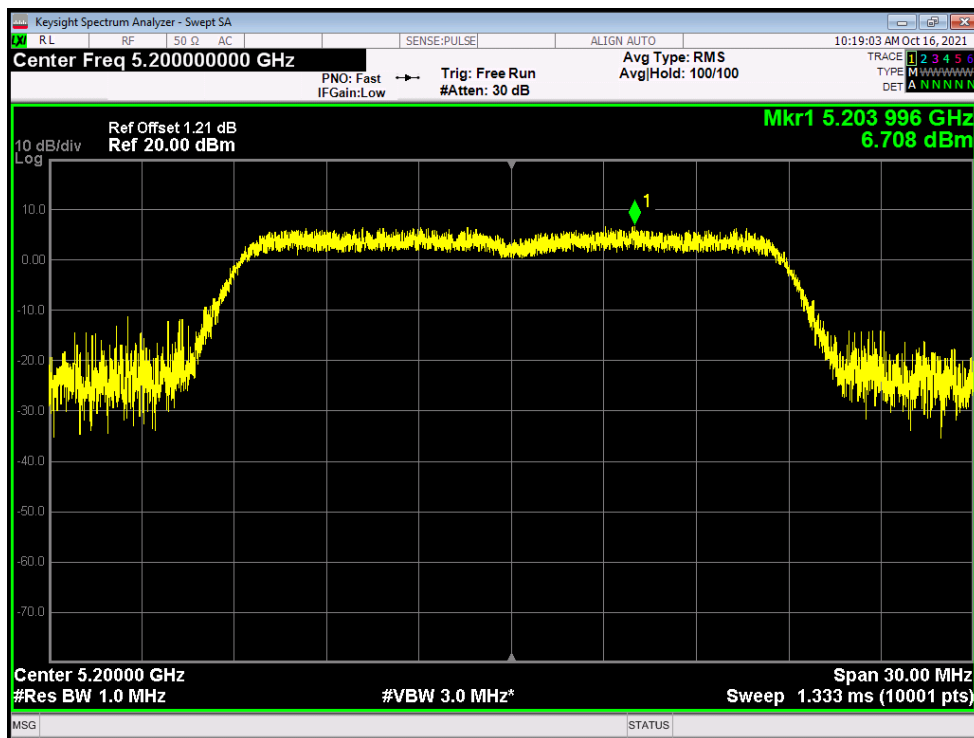
PSD NVNT a 5240MHz Ant1



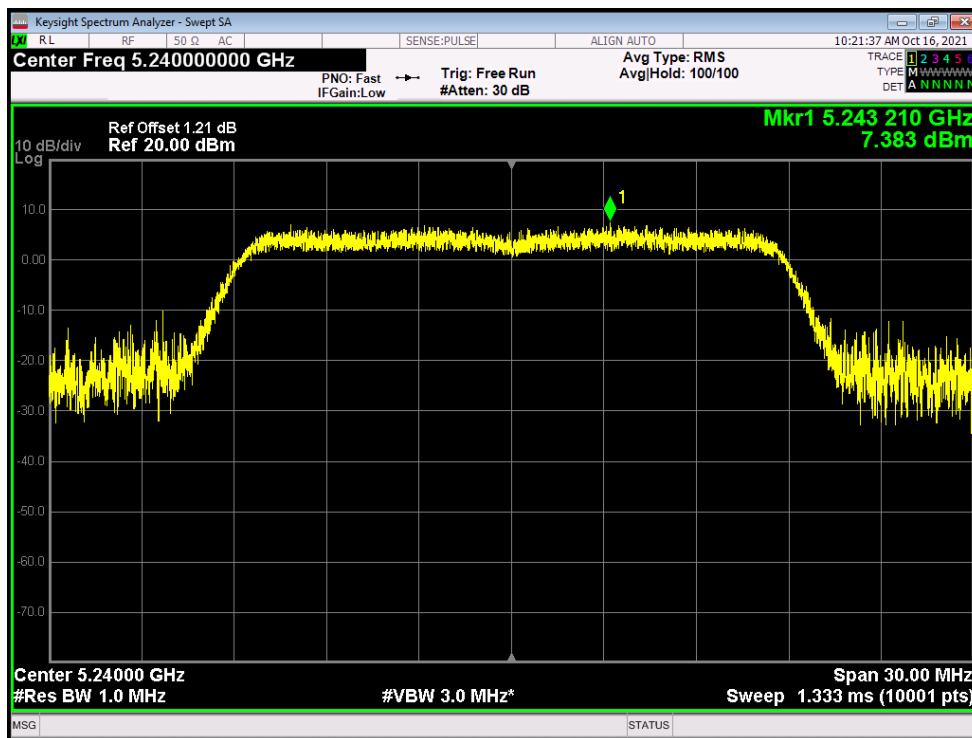
PSD NVNT ac20 5180MHz Ant1



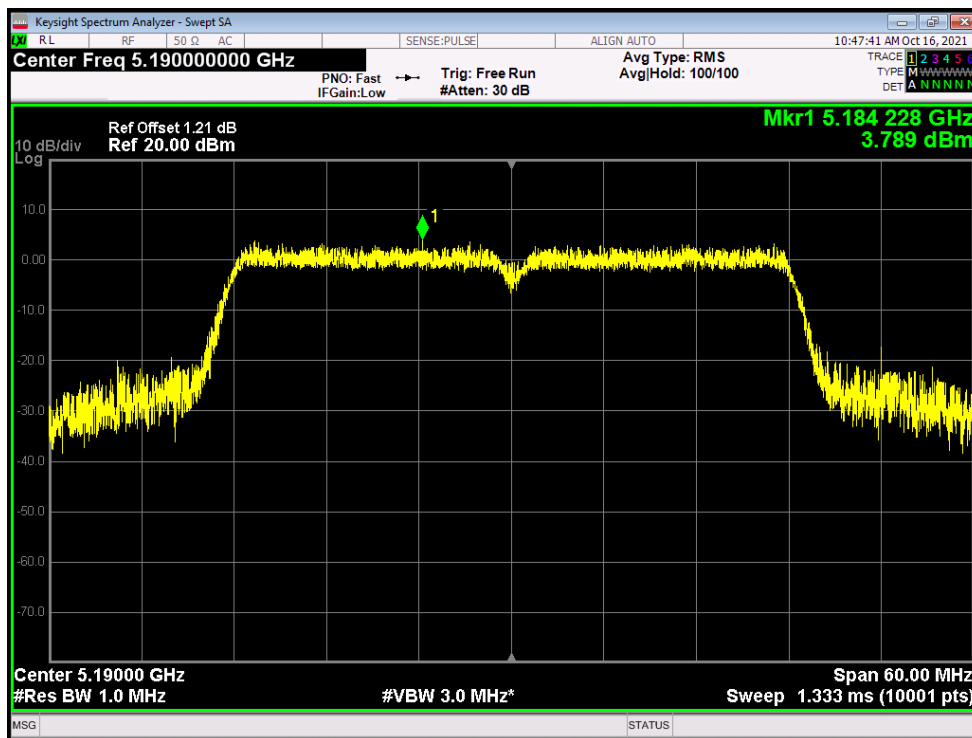
PSD NVNT ac20 5200MHz Ant1



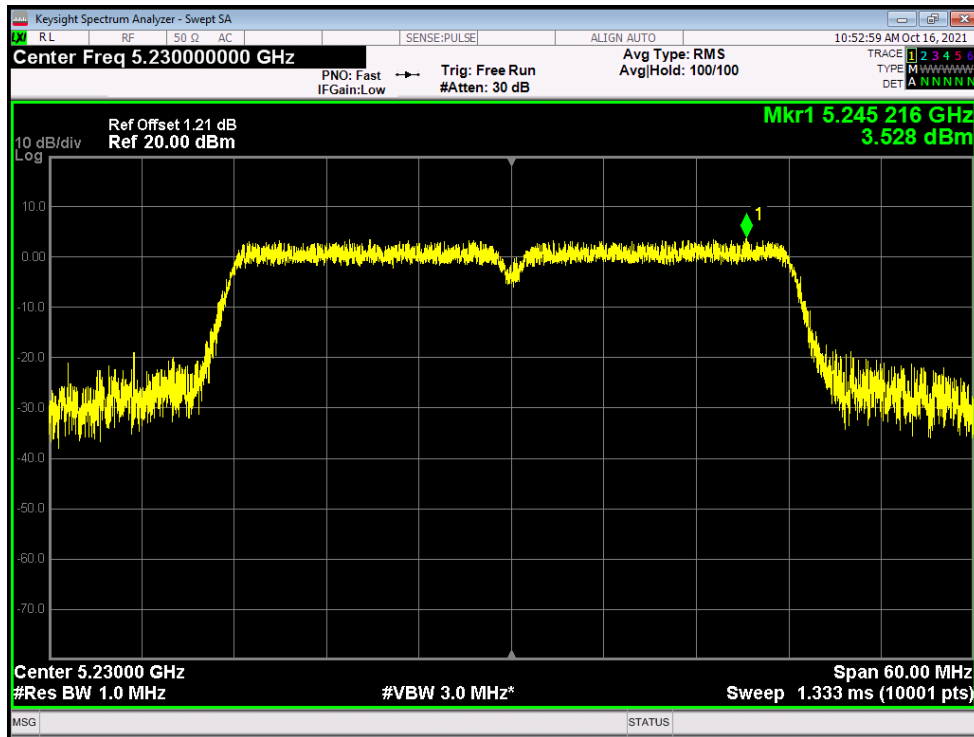
PSD NVNT ac20 5240MHz Ant1



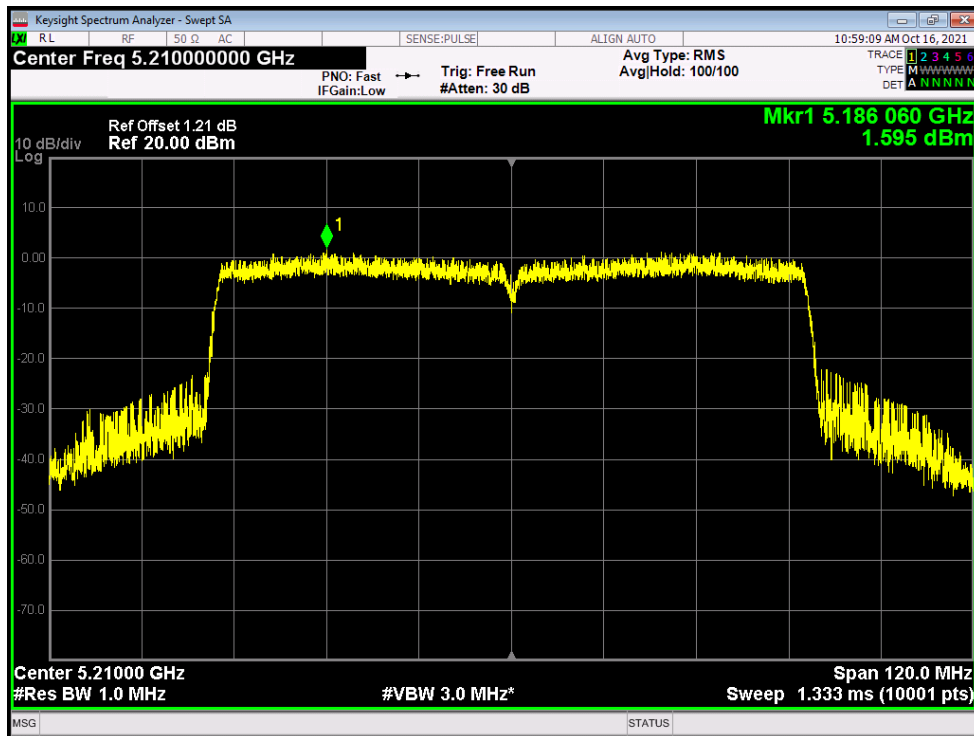
PSD NVNT ac40 5190MHz Ant1



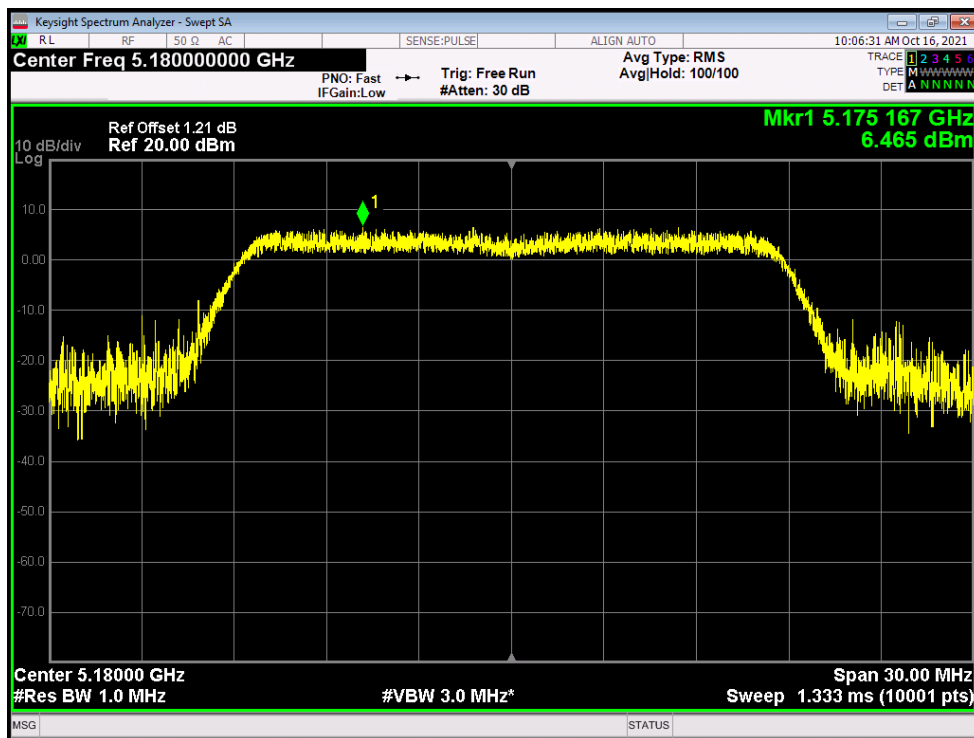
PSD NVNT ac40 5230MHz Ant1



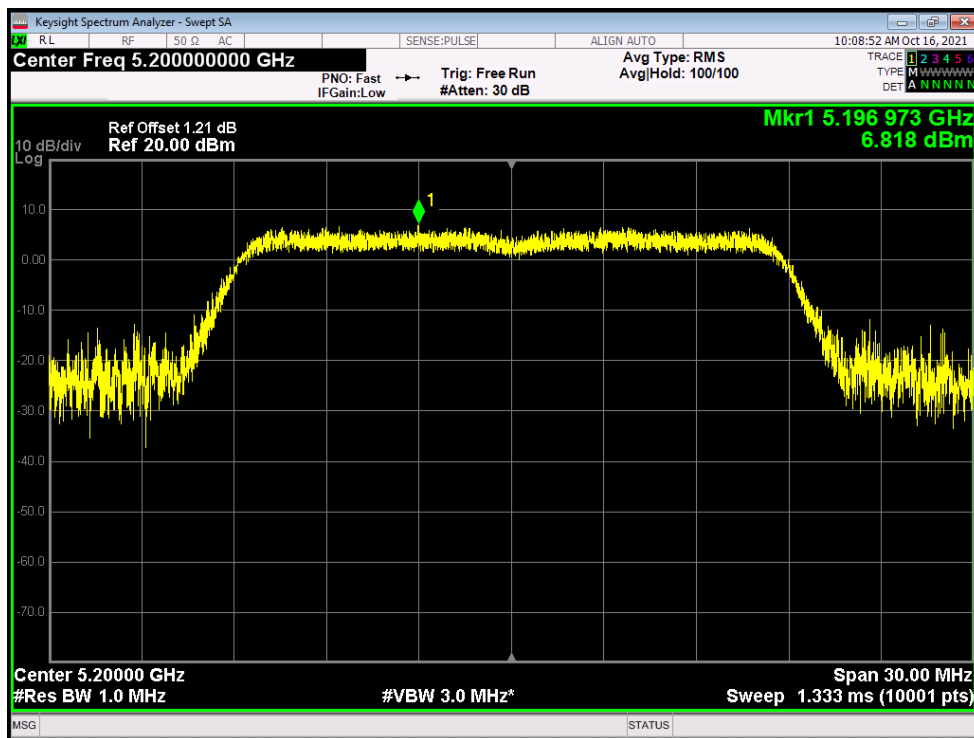
PSD NVNT ac80 5210MHz Ant1



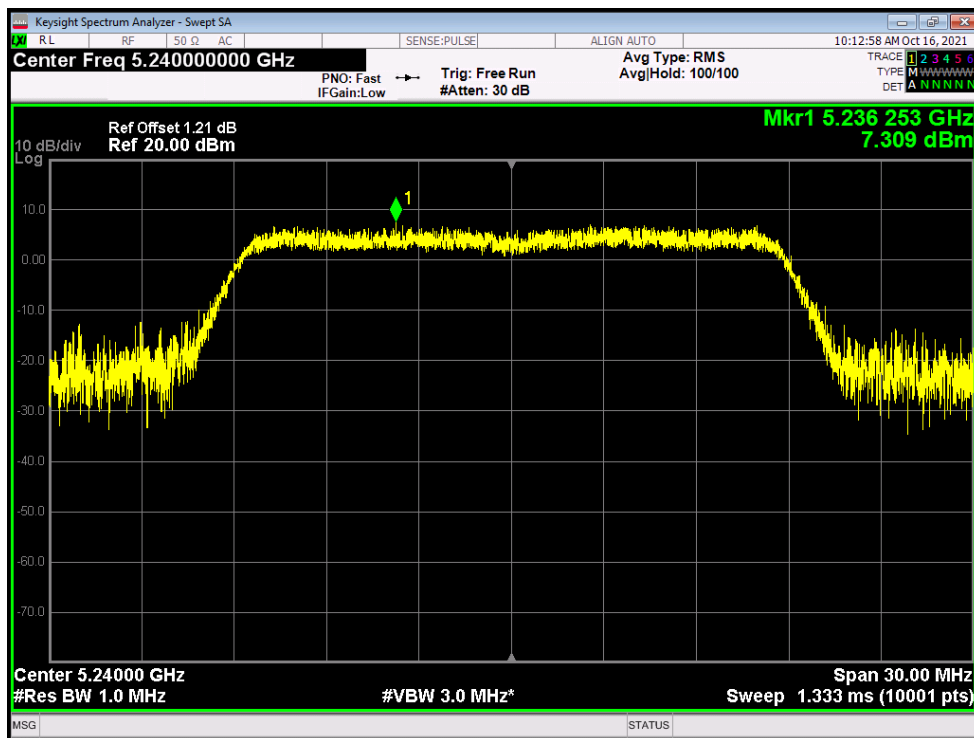
PSD NVNT n20 5180MHz Ant1



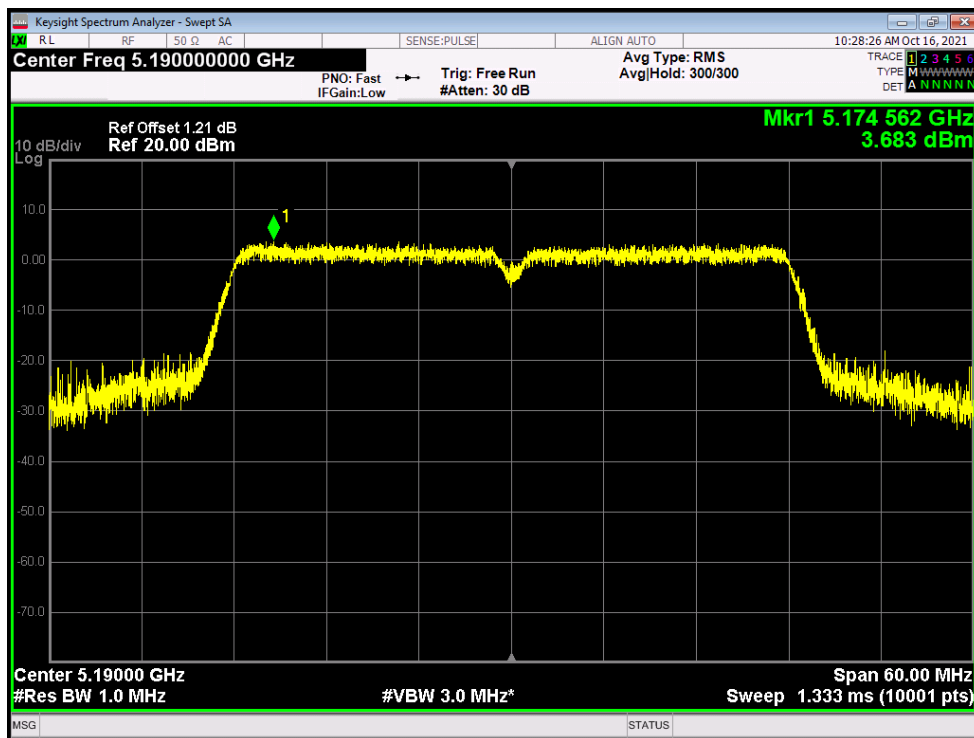
PSD NVNT n20 5200MHz Ant1



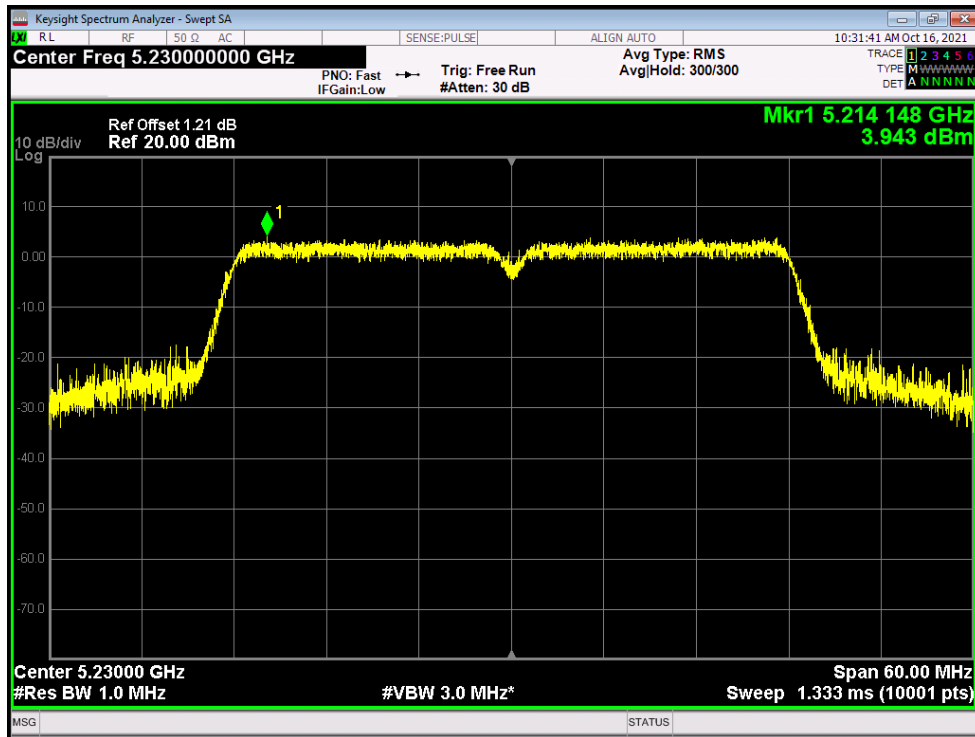
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



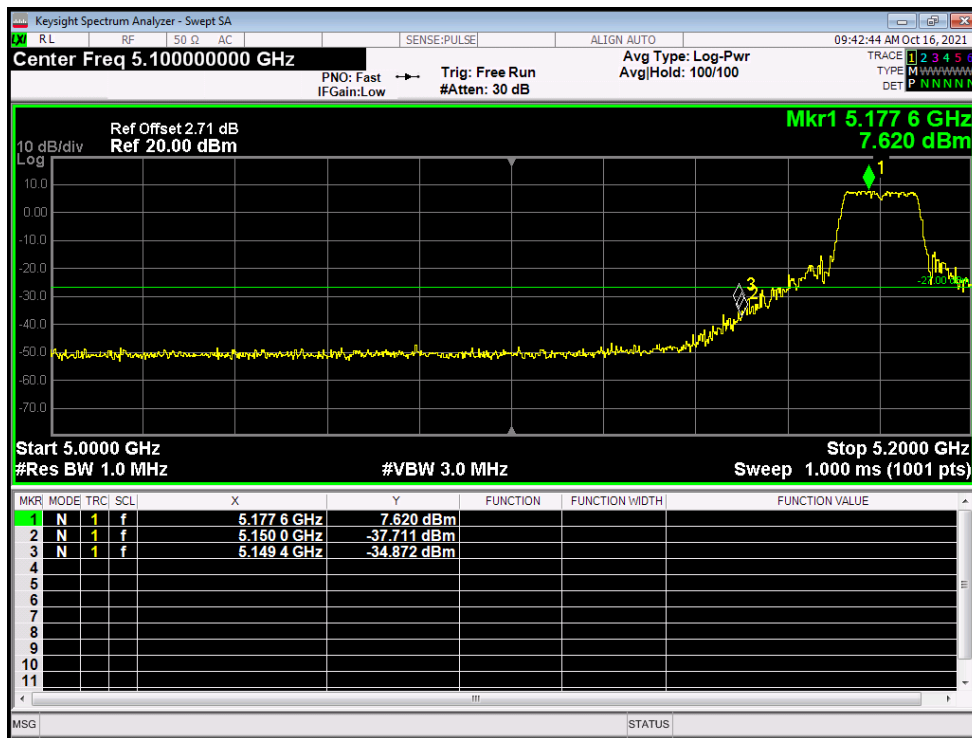
PSD NVNT n40 5230MHz Ant1



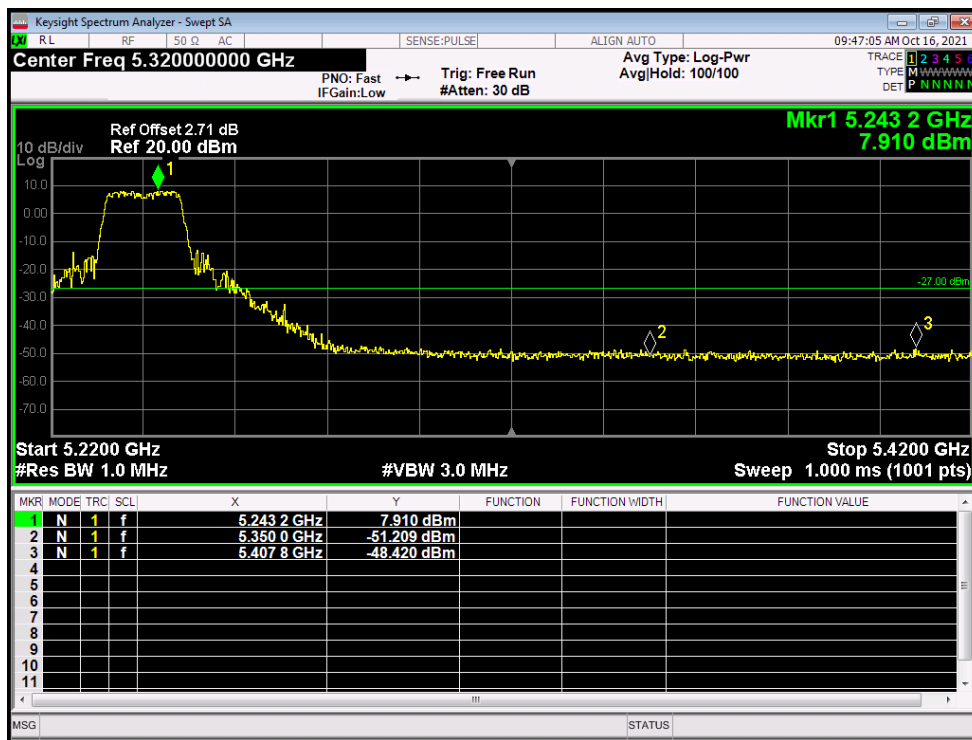
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.87	-27	Pass
NVNT	a	5240	Ant1	-48.42	-27	Pass
NVNT	ac20	5180	Ant1	-32.59	-27	Pass
NVNT	ac20	5240	Ant1	-48.45	-27	Pass
NVNT	ac40	5190	Ant1	-33.73	-27	Pass
NVNT	ac40	5230	Ant1	-53.59	-27	Pass
NVNT	ac80	5210	Ant1	-45.7	-27	Pass
NVNT	n20	5180	Ant1	-29.98	-27	Pass
NVNT	n20	5240	Ant1	-47.58	-27	Pass
NVNT	n40	5190	Ant1	-32.45	-27	Pass
NVNT	n40	5230	Ant1	-47.98	-27	Pass

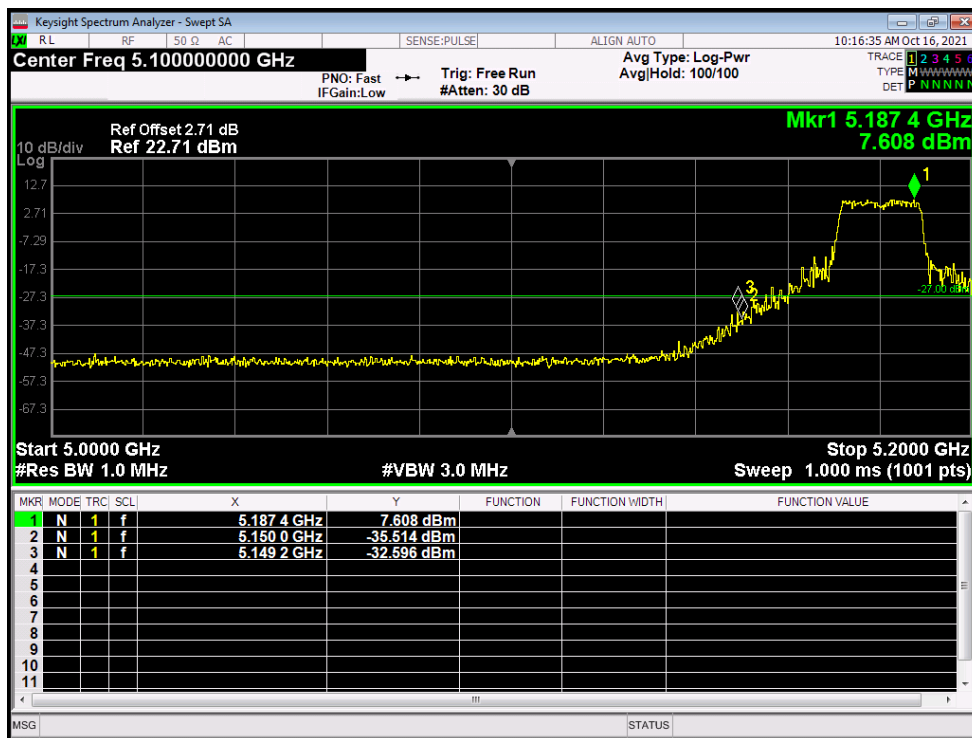
Band Edge NVNT a 5180MHz Low Ant1



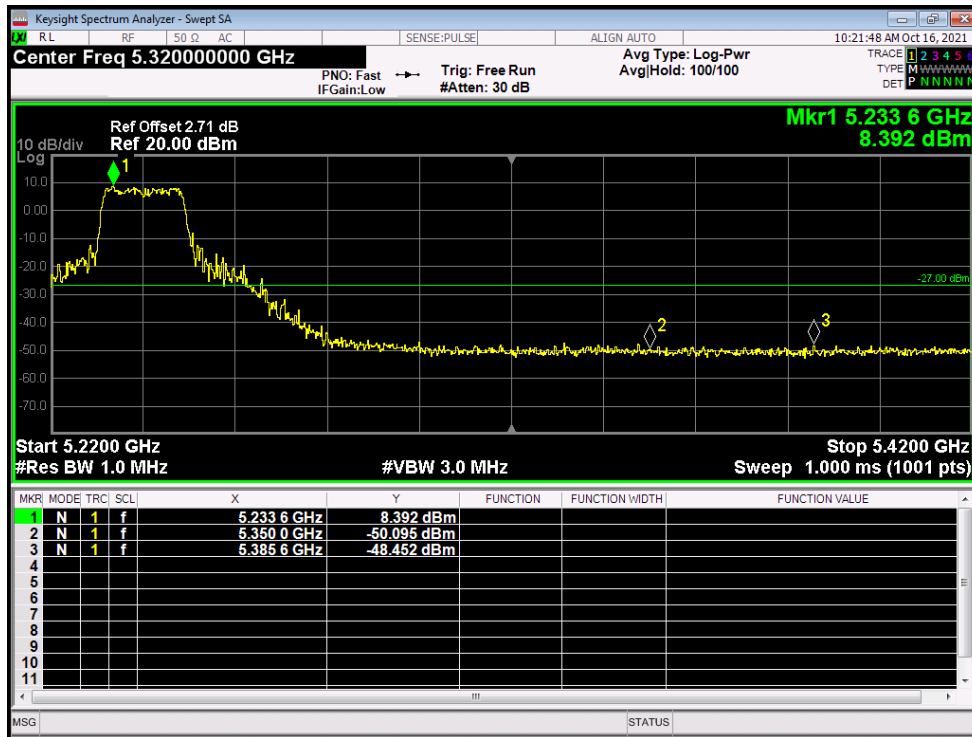
Band Edge NVNT a 5240MHz High Ant1



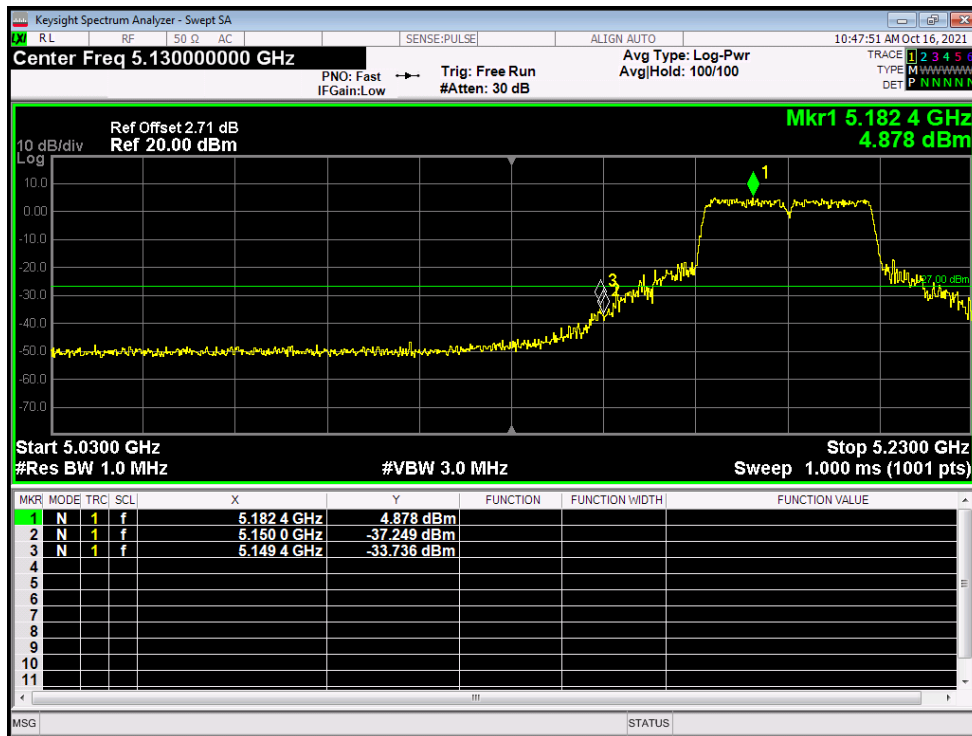
Band Edge NVNT ac20 5180MHz Low Ant1



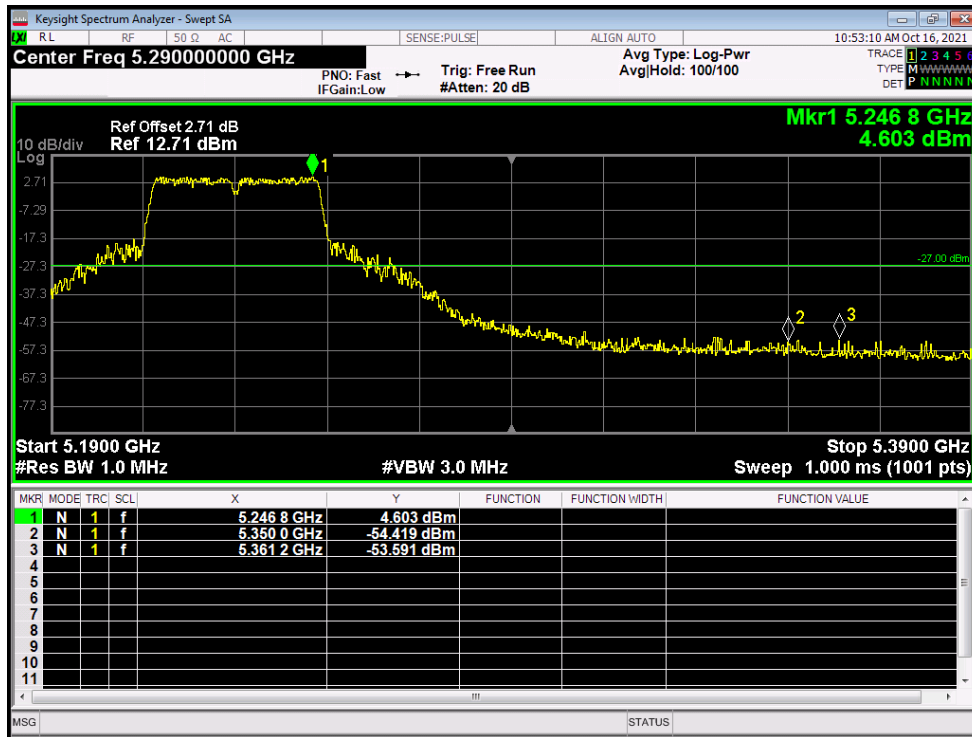
Band Edge NVNT ac20 5240MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant1



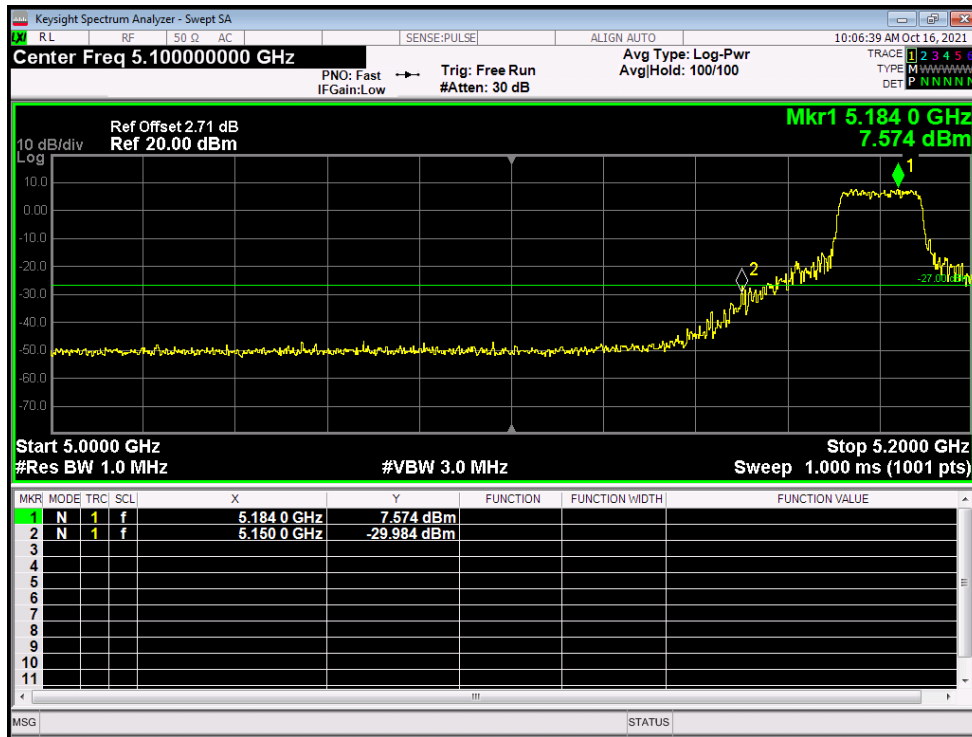
Band Edge NVNT ac40 5230MHz High Ant1



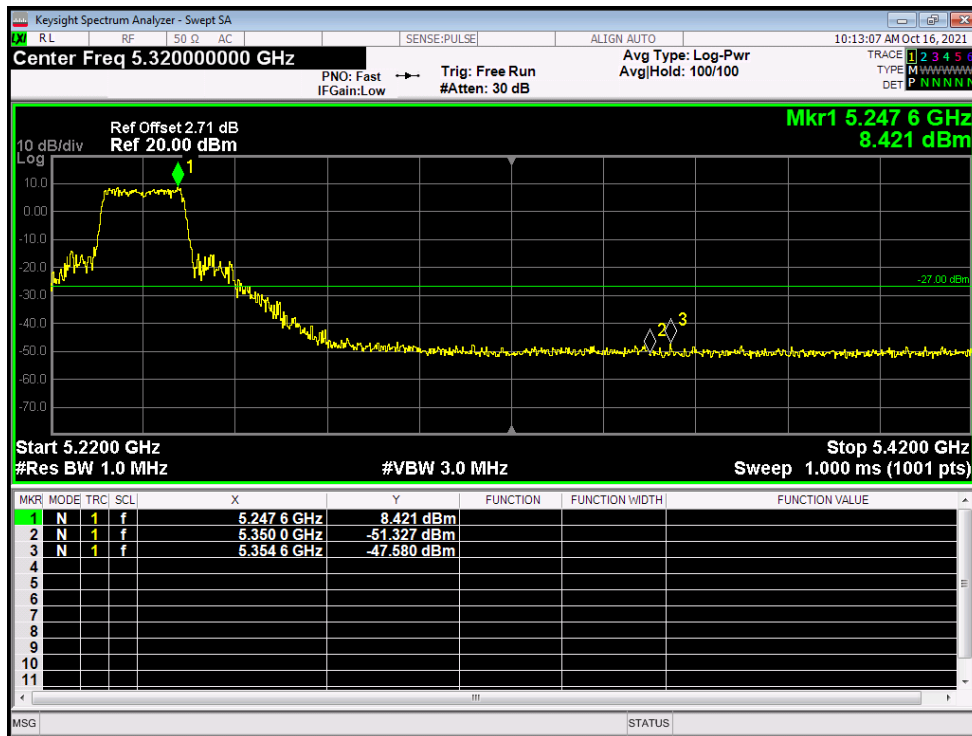
Band Edge NVNT ac80 5210MHz High Ant1



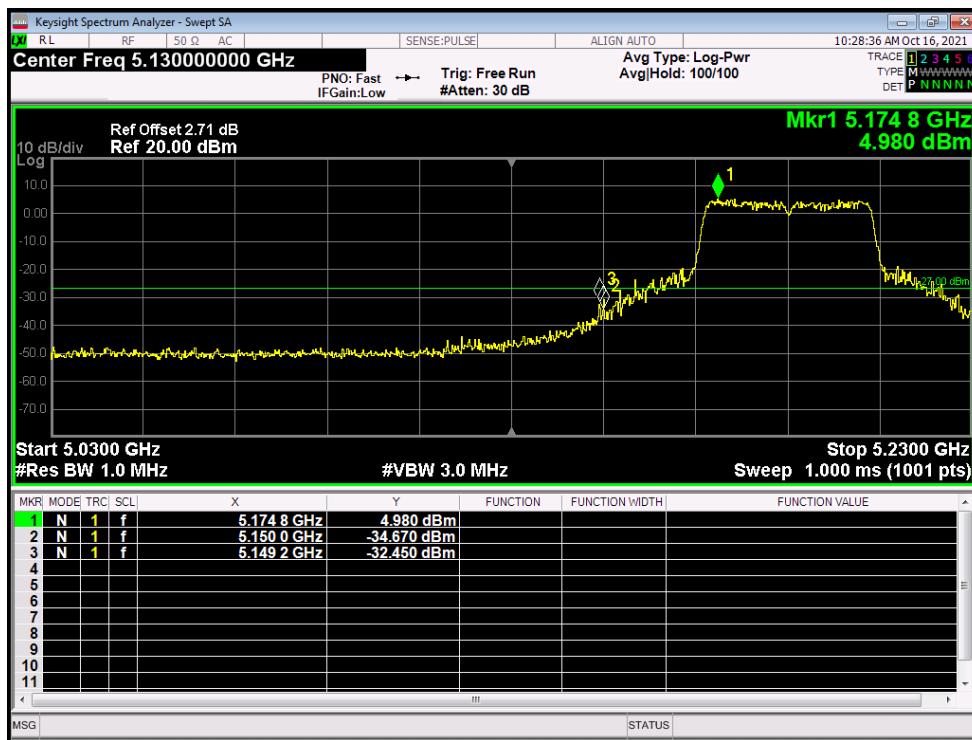
Band Edge NVNT n20 5180MHz Low Ant1



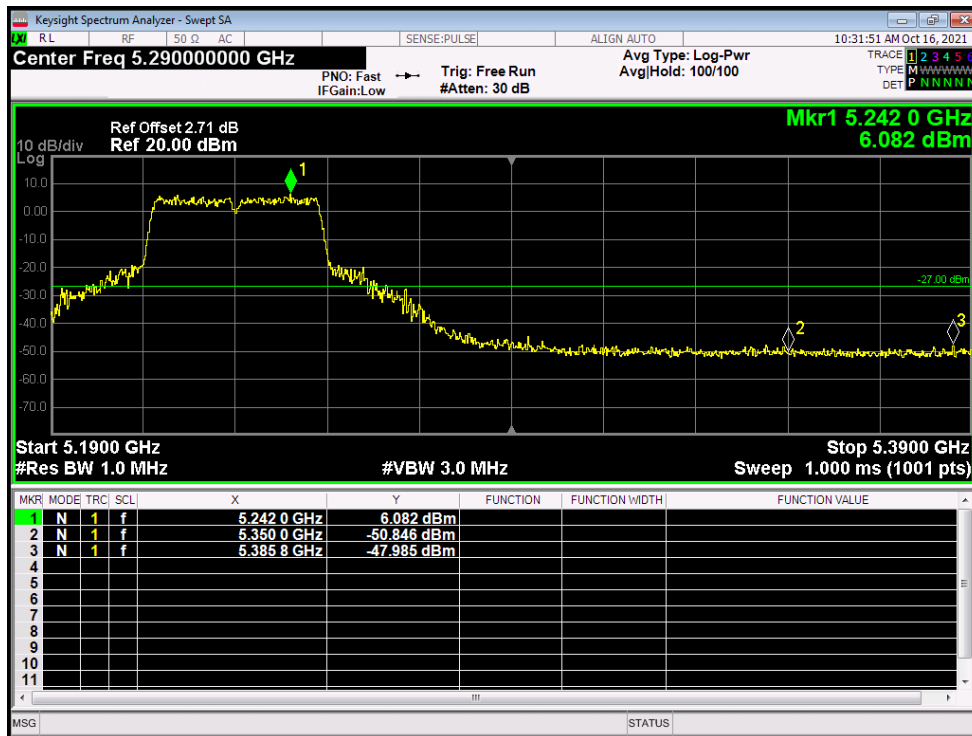
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



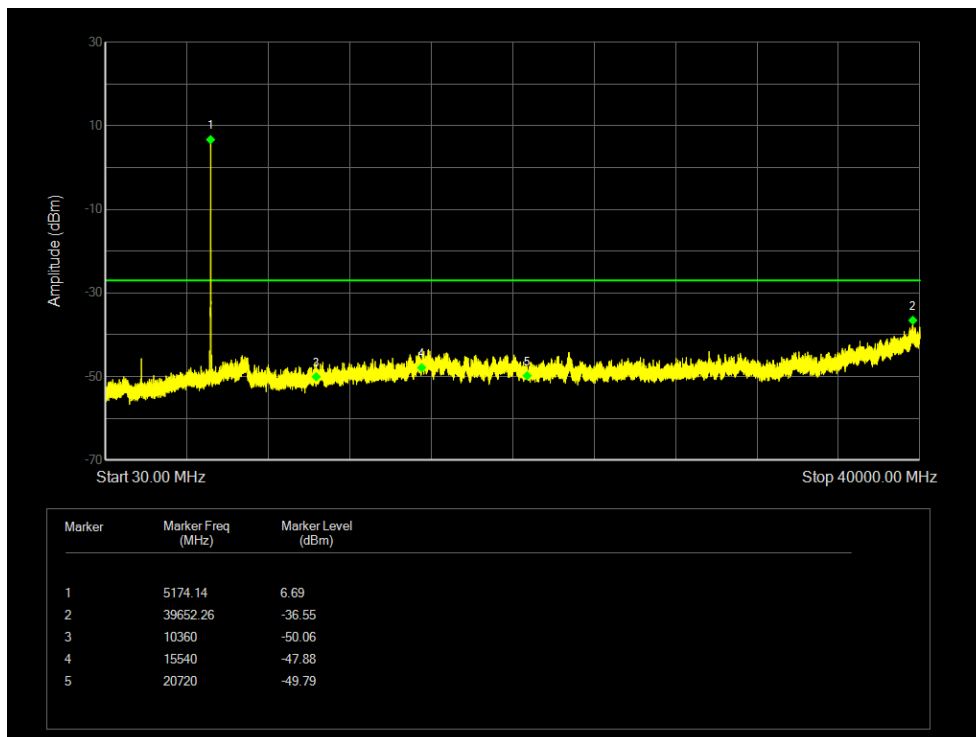
Band Edge NVNT n40 5230MHz High Ant1



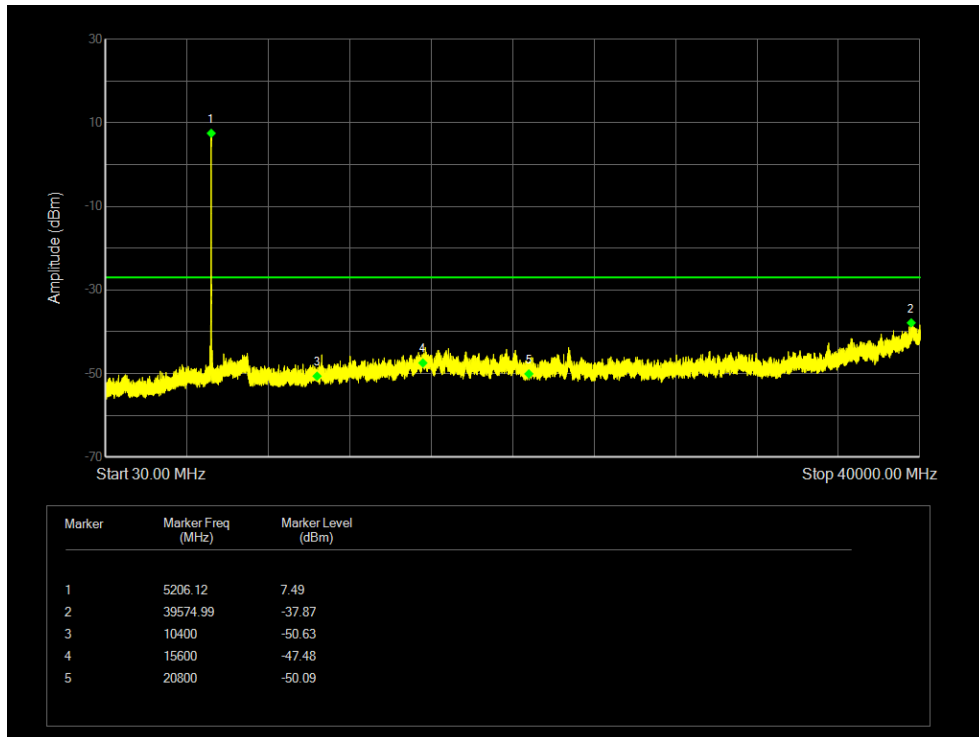
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-36.55	-27	Pass
NVNT	802.11a	5200	Ant 1	-37.87	-27	Pass
NVNT	802.11a	5240	Ant 1	-36.9	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-38.17	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-37.97	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-37.71	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-37.94	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-37.66	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-38.38	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-37.99	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-37.9	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-37.52	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-37.64	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-38.1	-27	Pass

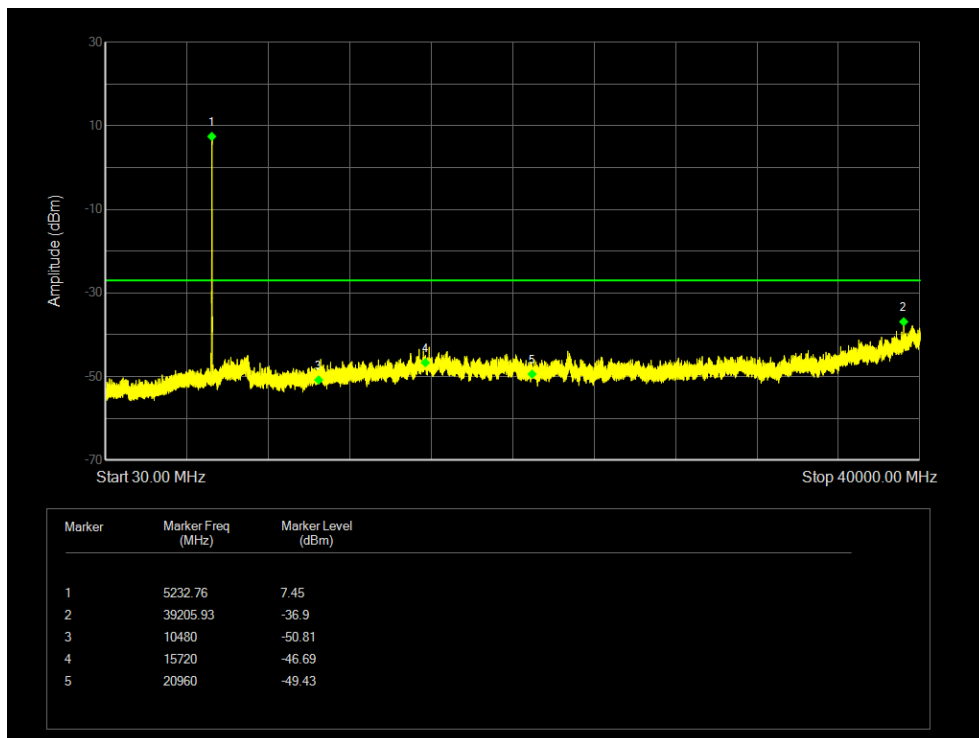
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



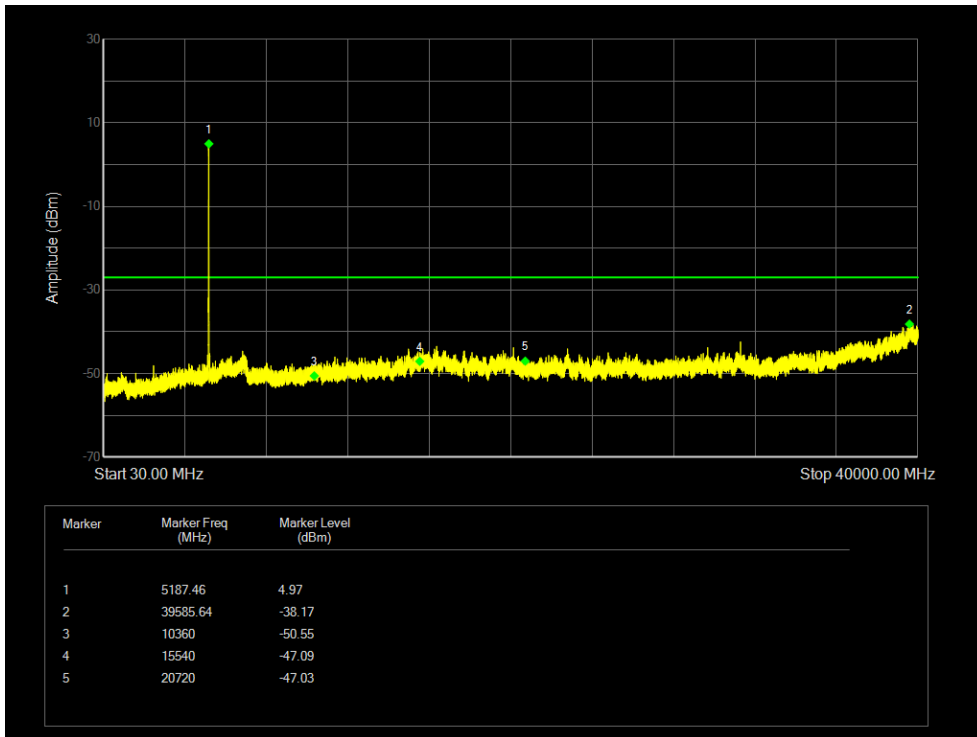
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



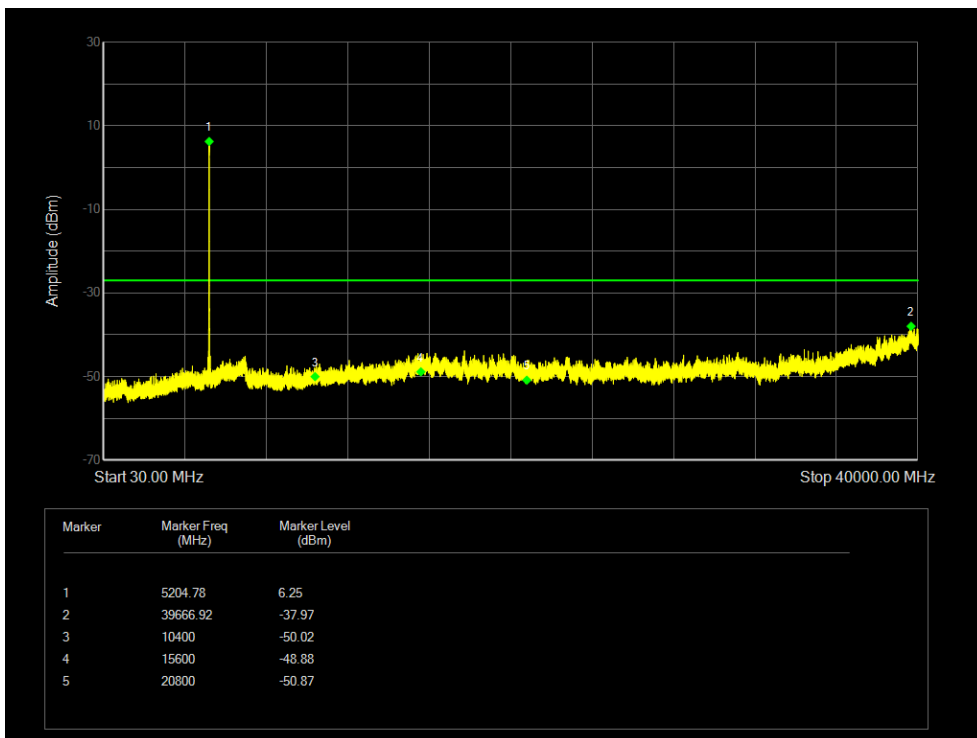
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



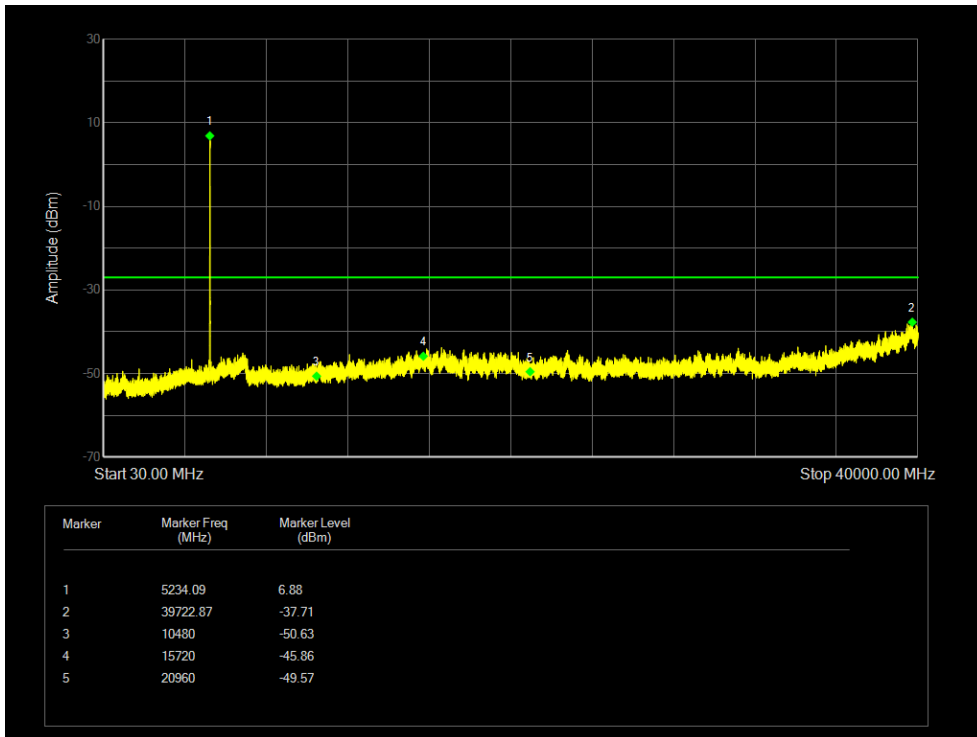
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



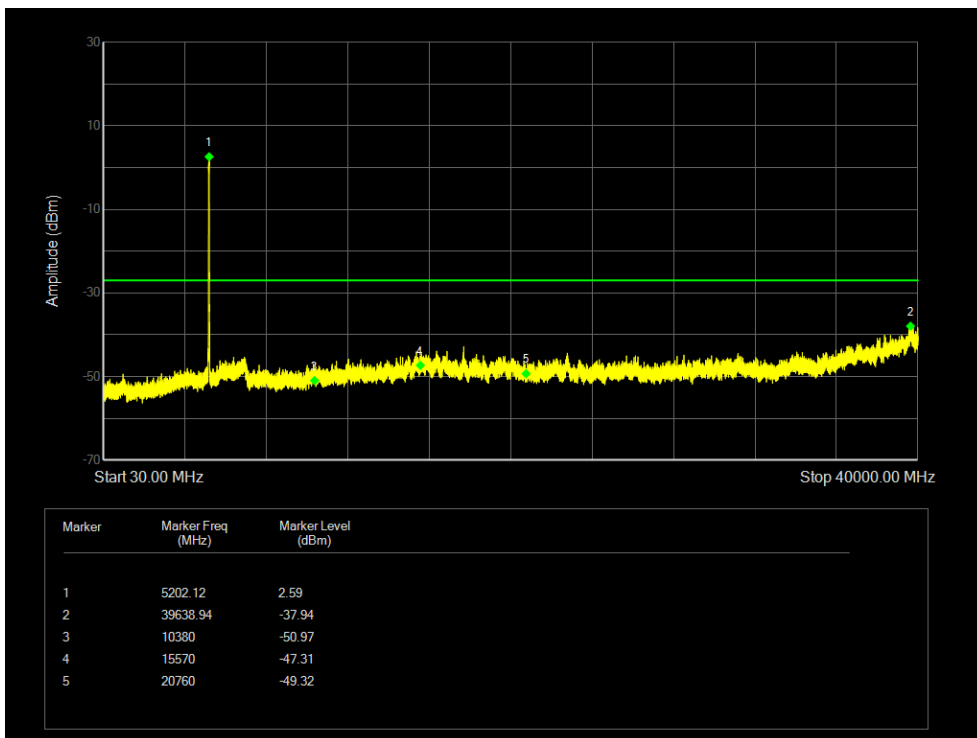
Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



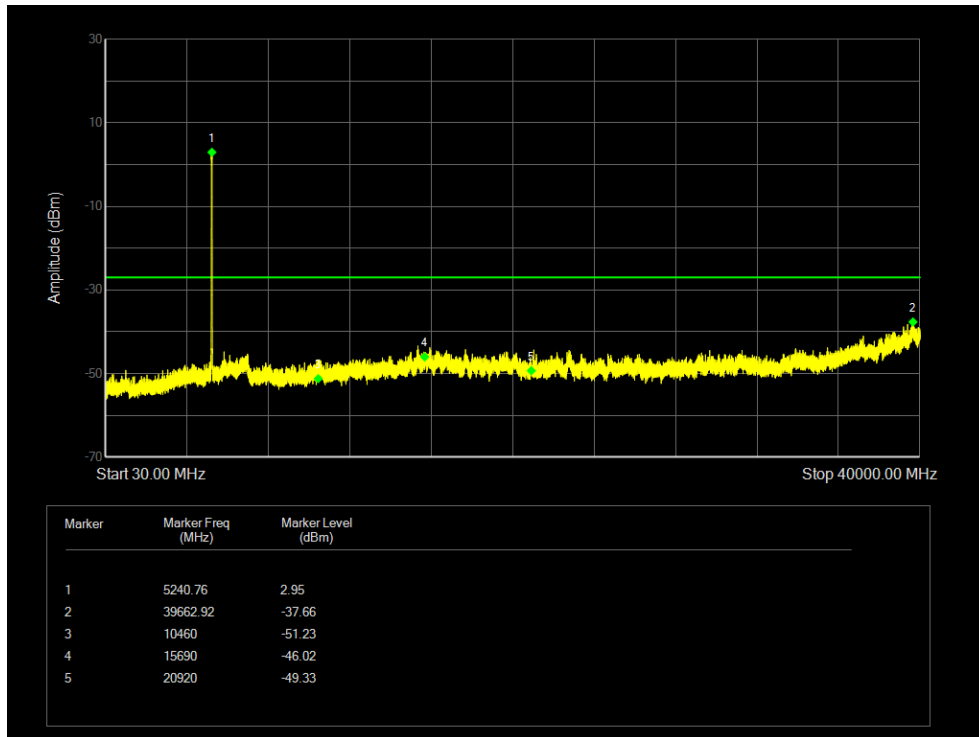
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



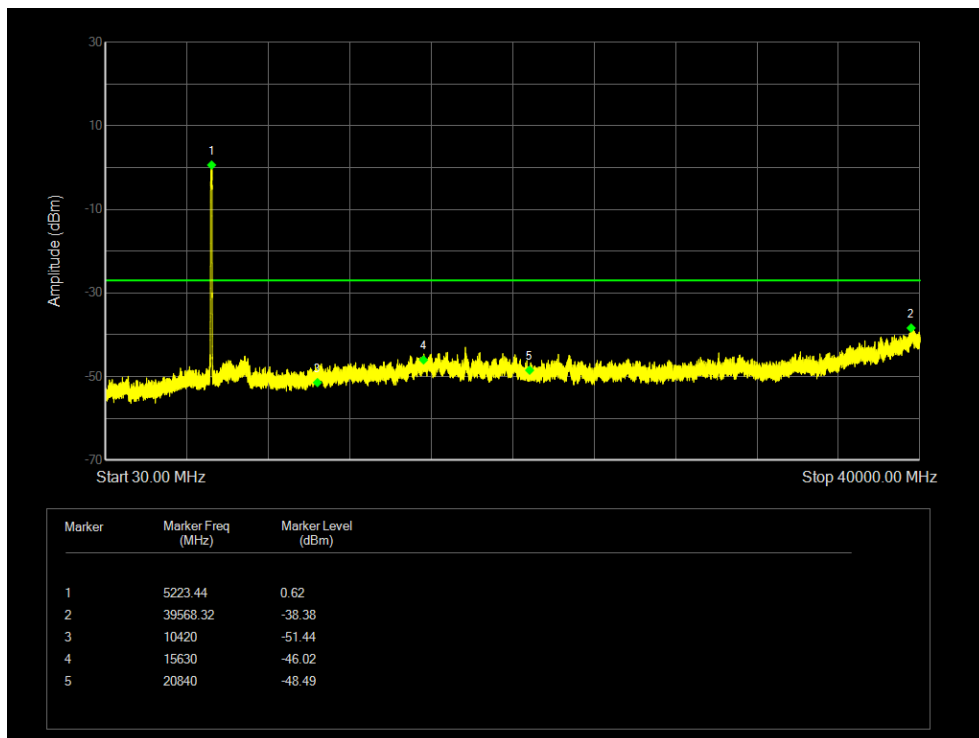
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



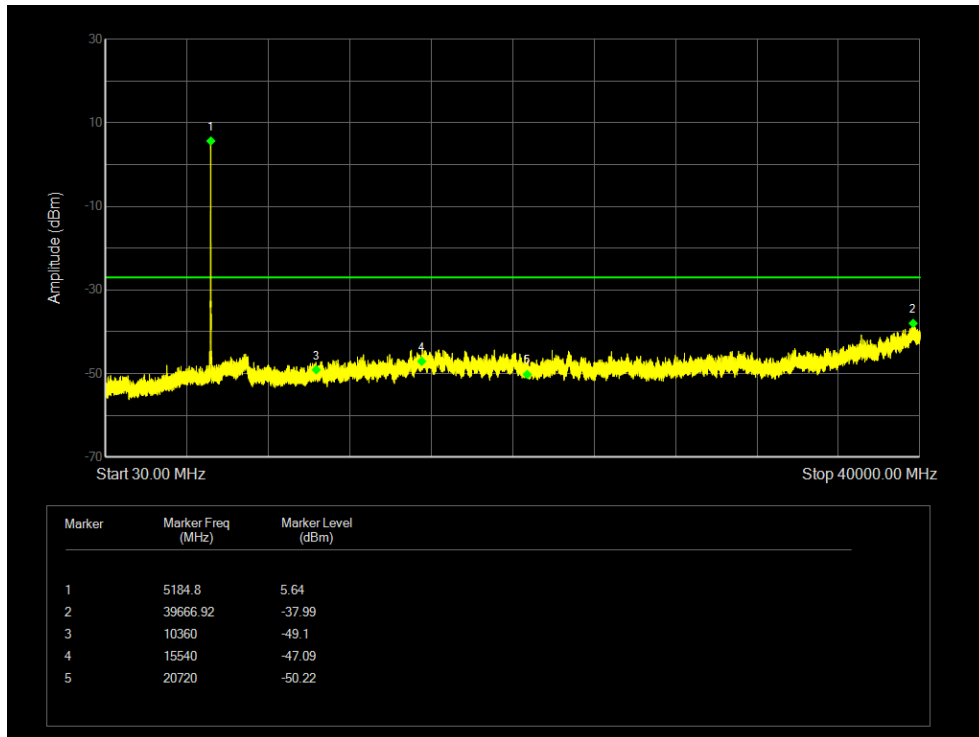
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



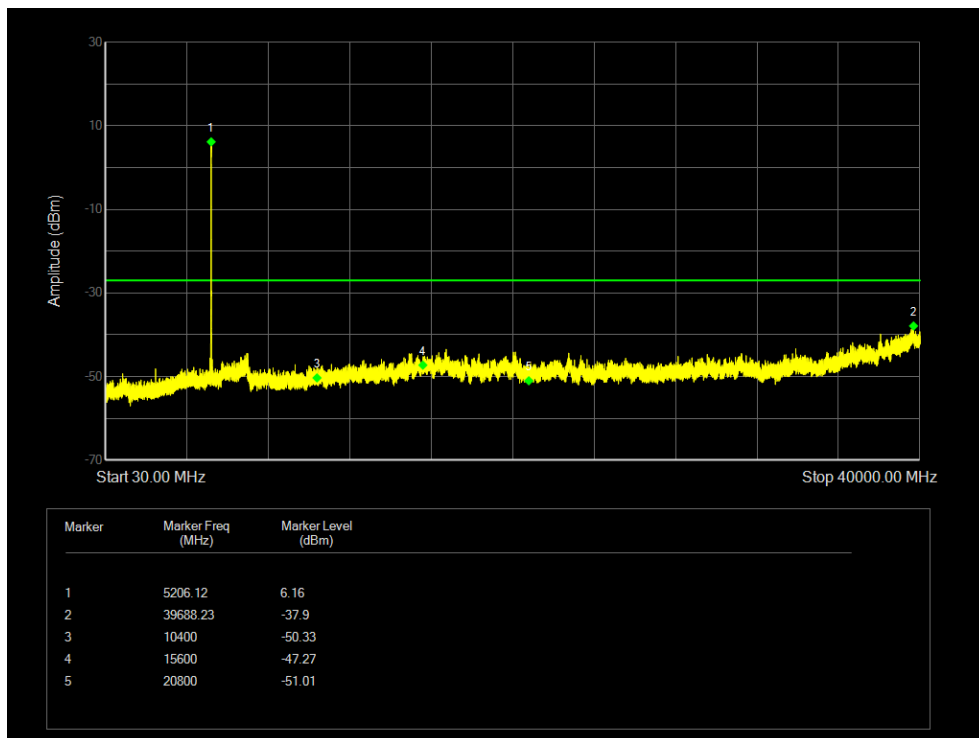
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



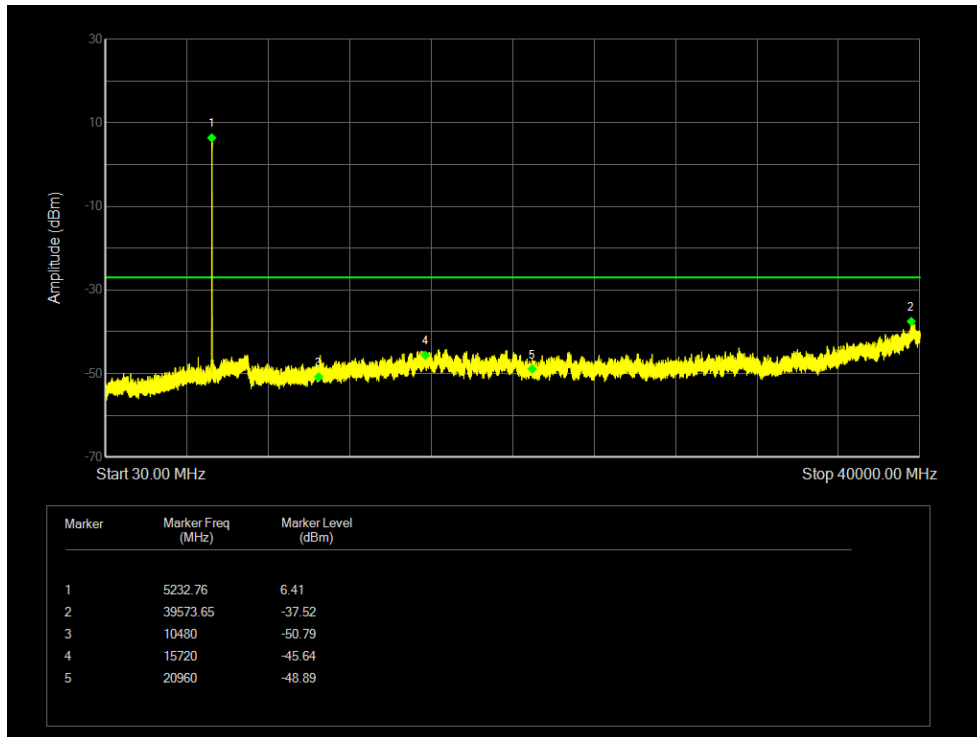
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



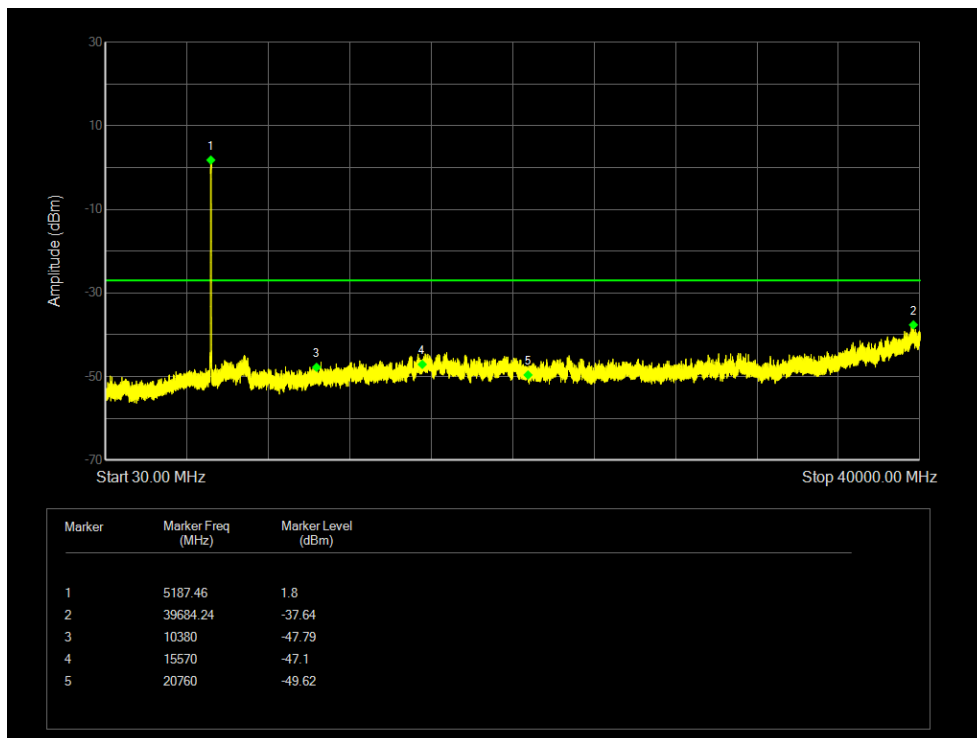
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant1 Emission

