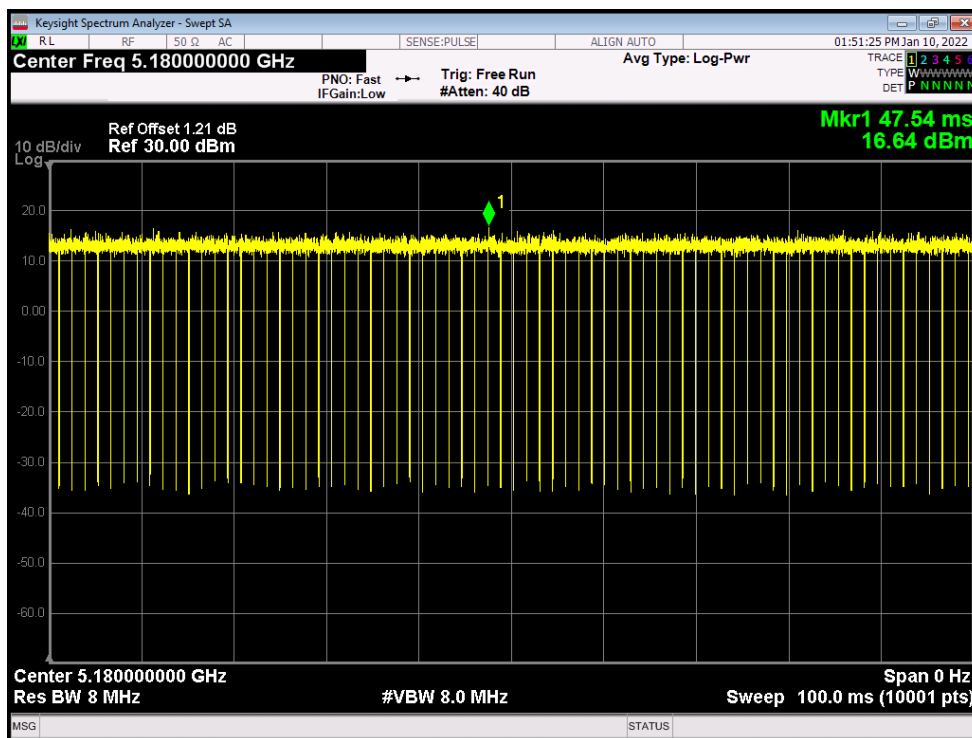


5.2G:

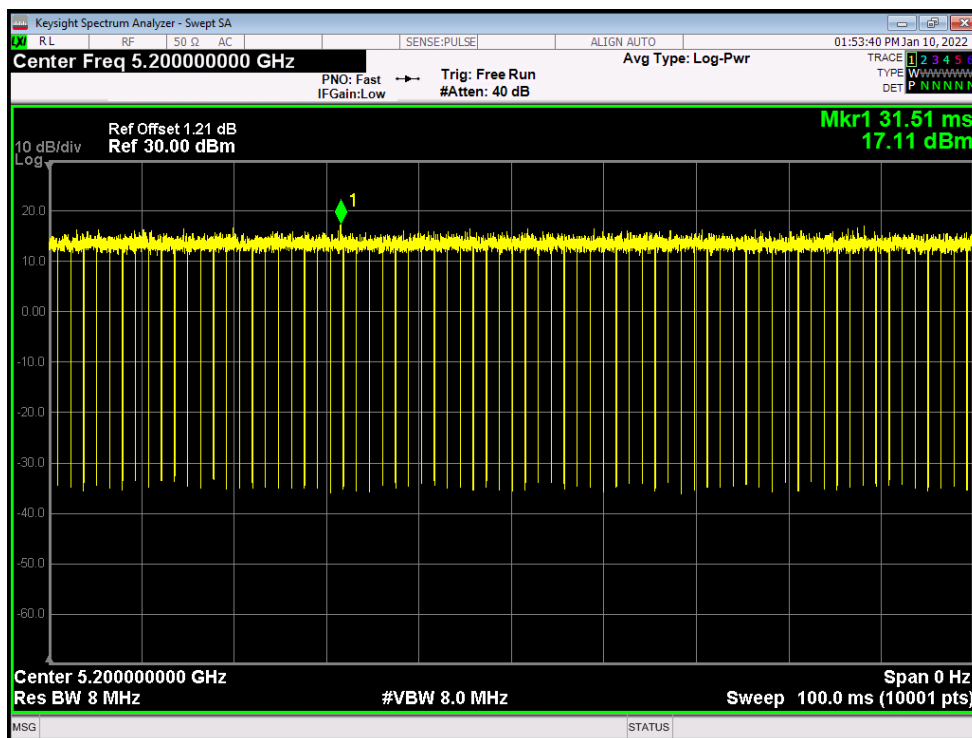
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	97.55	0.11
NVNT	a	5200	Ant1	97.55	0.11
NVNT	a	5240	Ant1	97.56	0.11
NVNT	ac20	5180	Ant1	97.37	0.12
NVNT	ac20	5200	Ant1	97.37	0.12
NVNT	ac20	5240	Ant1	97.41	0.11
NVNT	ac40	5190	Ant1	94.99	0.22
NVNT	ac40	5230	Ant1	95.02	0.22
NVNT	ac80	5210	Ant1	90.54	0.43
NVNT	n20	5180	Ant1	97.37	0.12
NVNT	n20	5200	Ant1	97.38	0.12
NVNT	n20	5240	Ant1	97.37	0.12
NVNT	n40	5190	Ant1	94.95	0.23
NVNT	n40	5230	Ant1	94.96	0.22

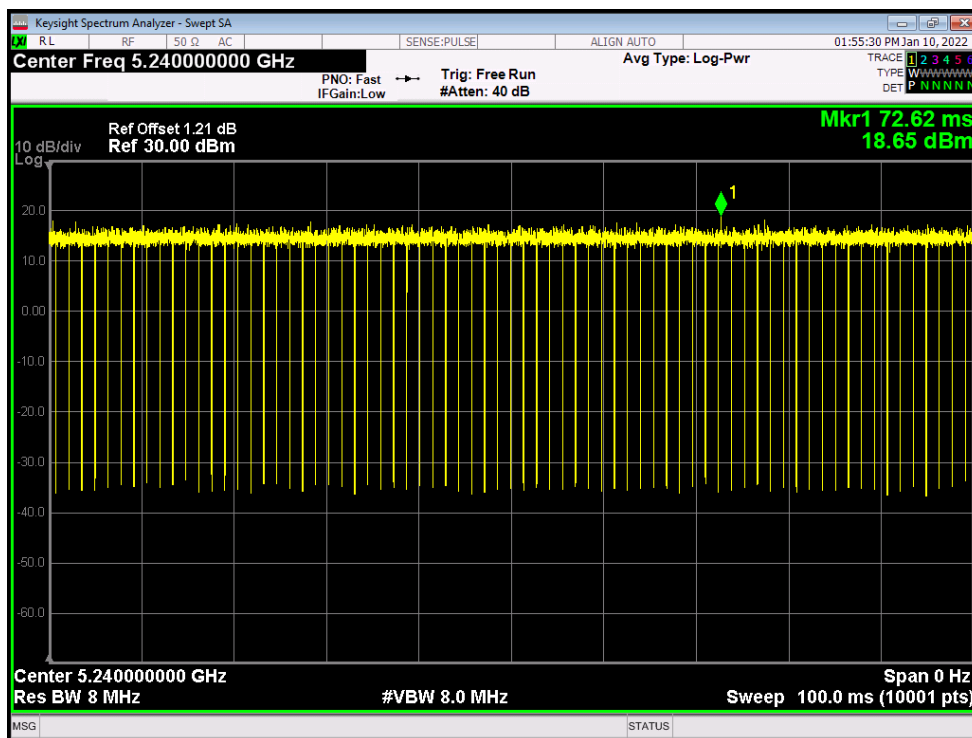
Duty Cycle NVNT a 5180MHz Ant1



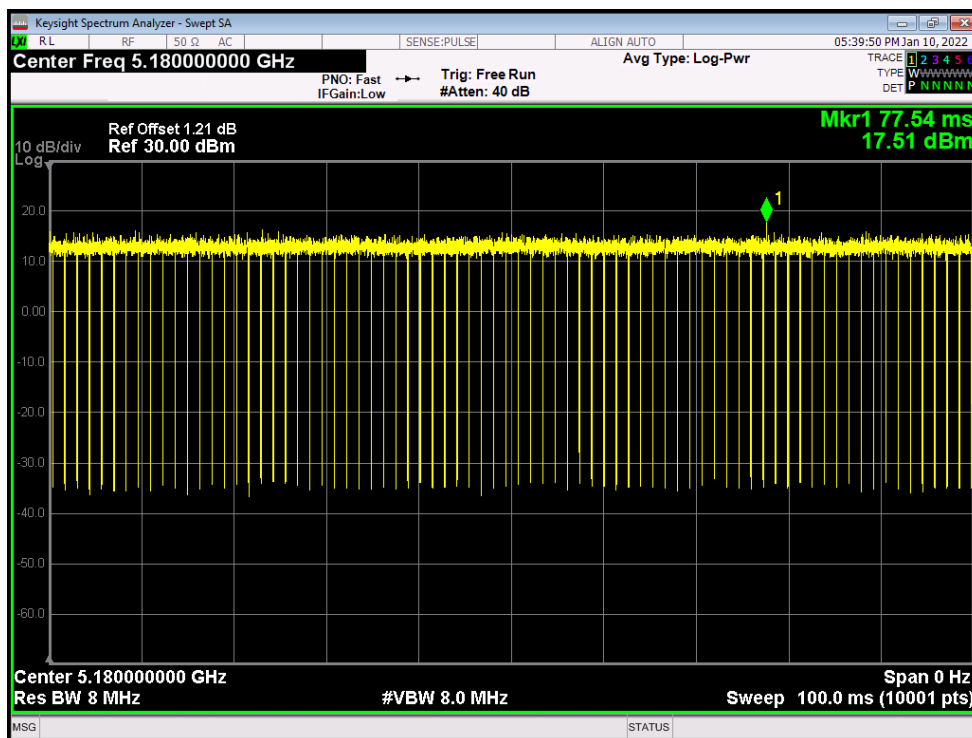
Duty Cycle NVNT a 5200MHz Ant1



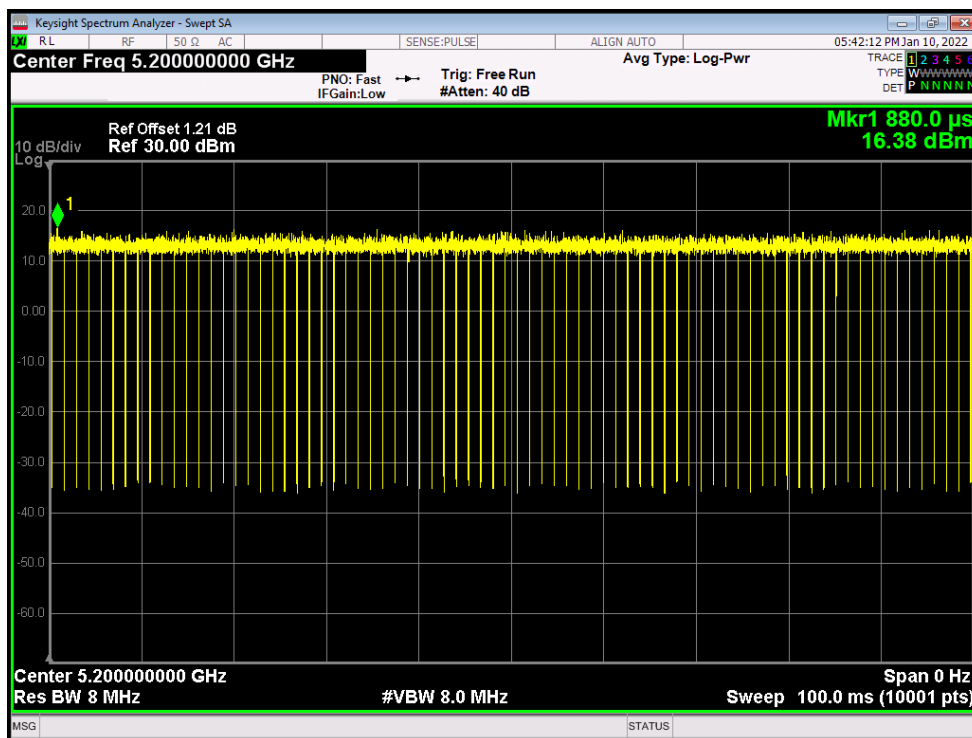
Duty Cycle NVNT a 5240MHz Ant1



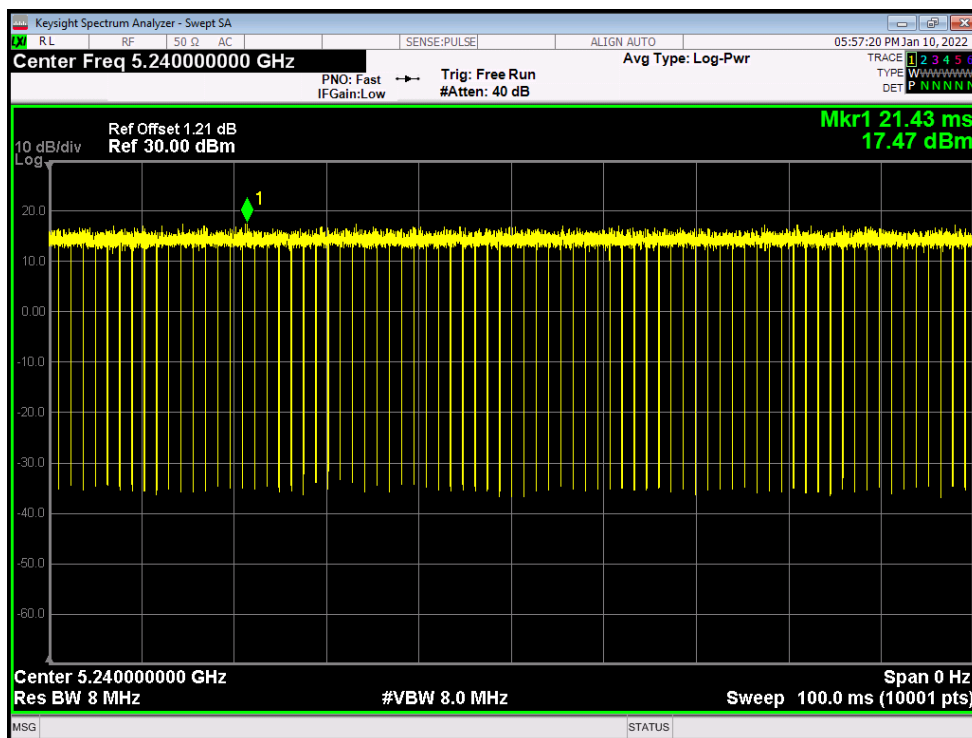
Duty Cycle NVNT ac20 5180MHz Ant1



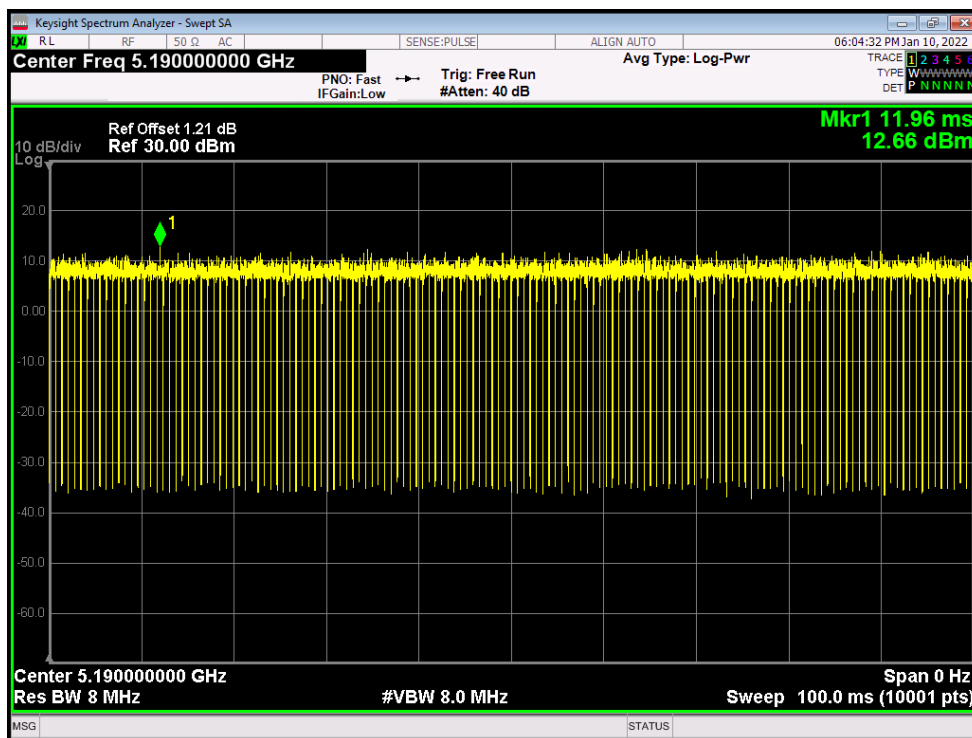
Duty Cycle NVNT ac20 5200MHz Ant1



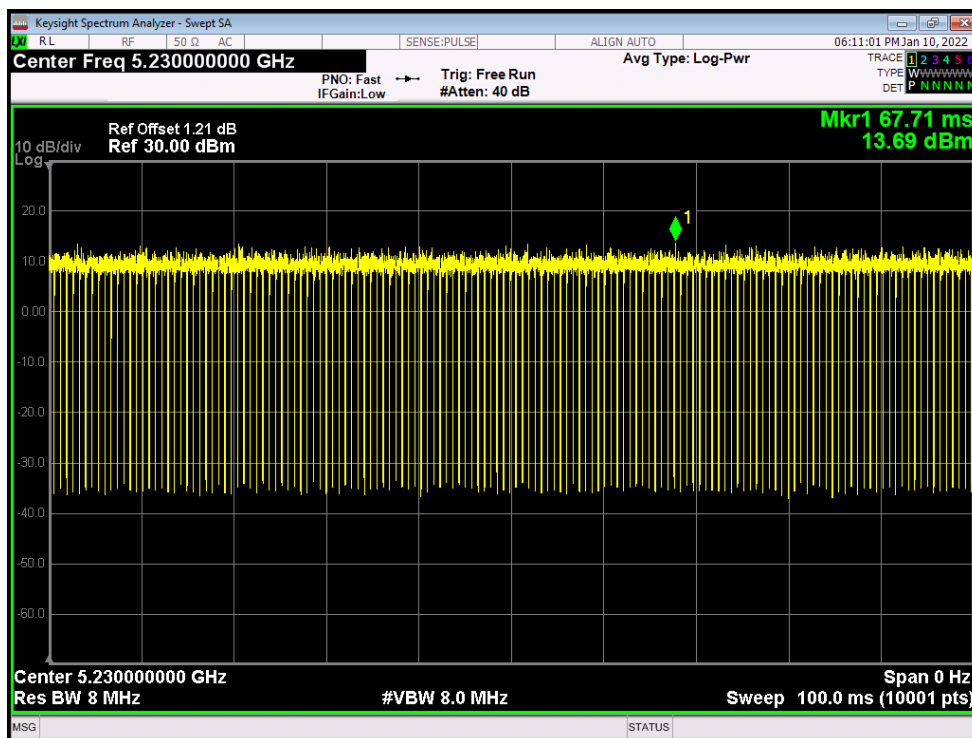
Duty Cycle NVNT ac20 5240MHz Ant1



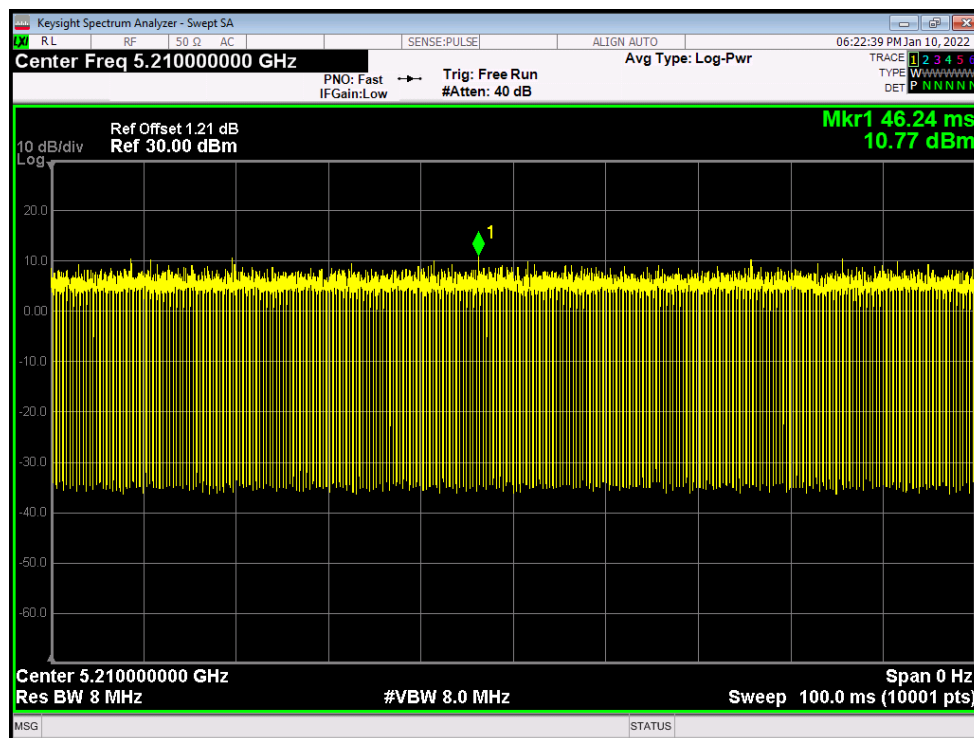
Duty Cycle NVNT ac40 5190MHz Ant1



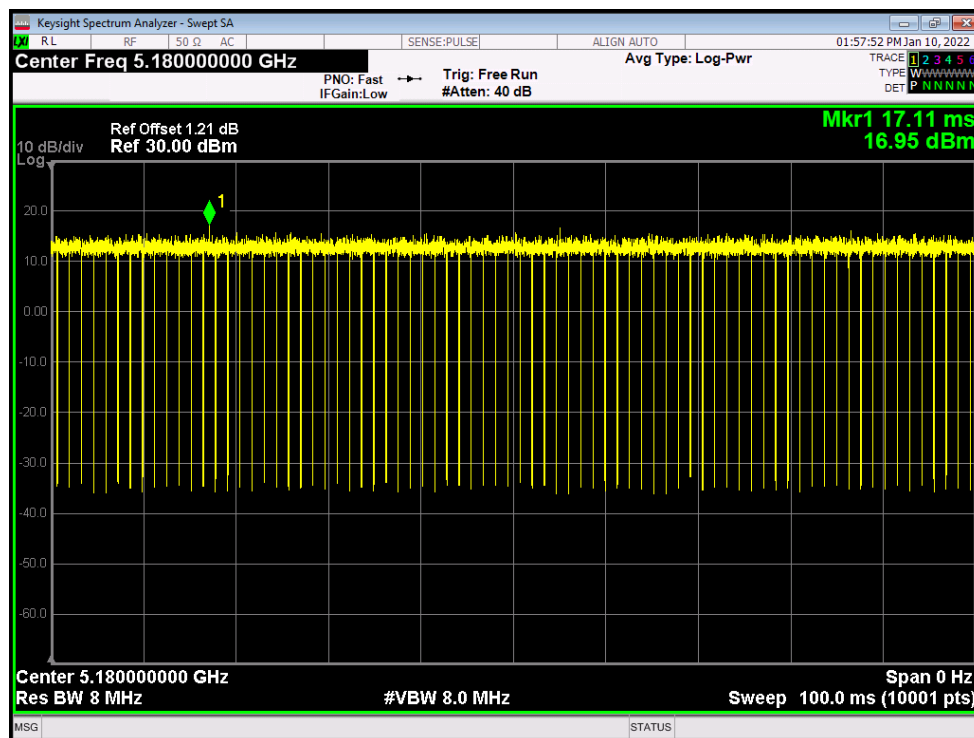
Duty Cycle NVNT ac40 5230MHz Ant1



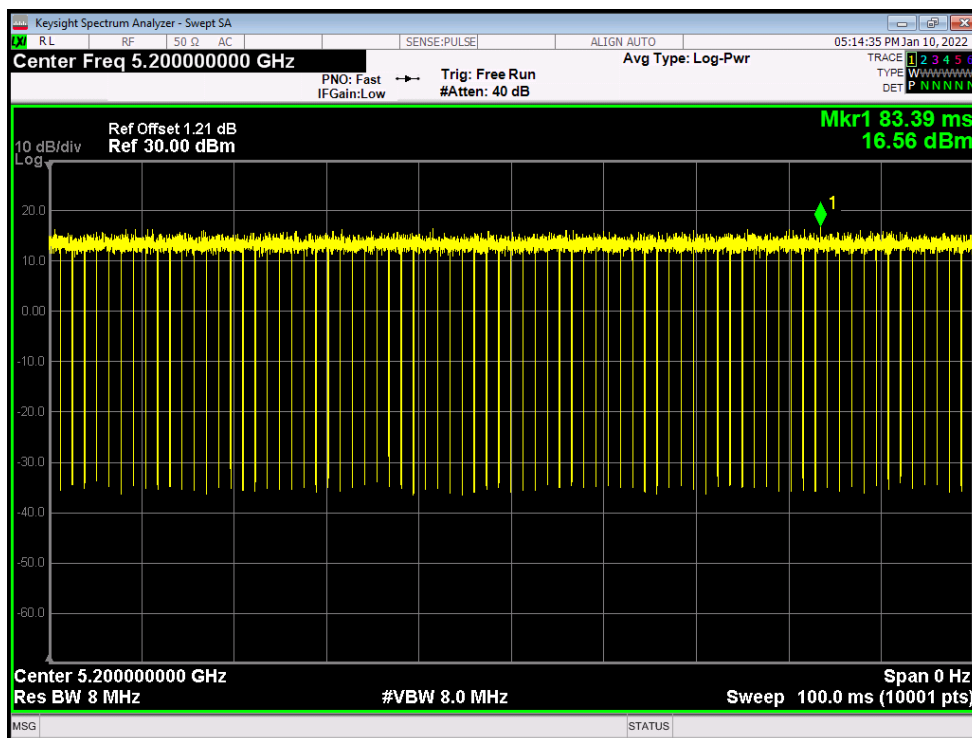
Duty Cycle NVNT ac80 5210MHz Ant1



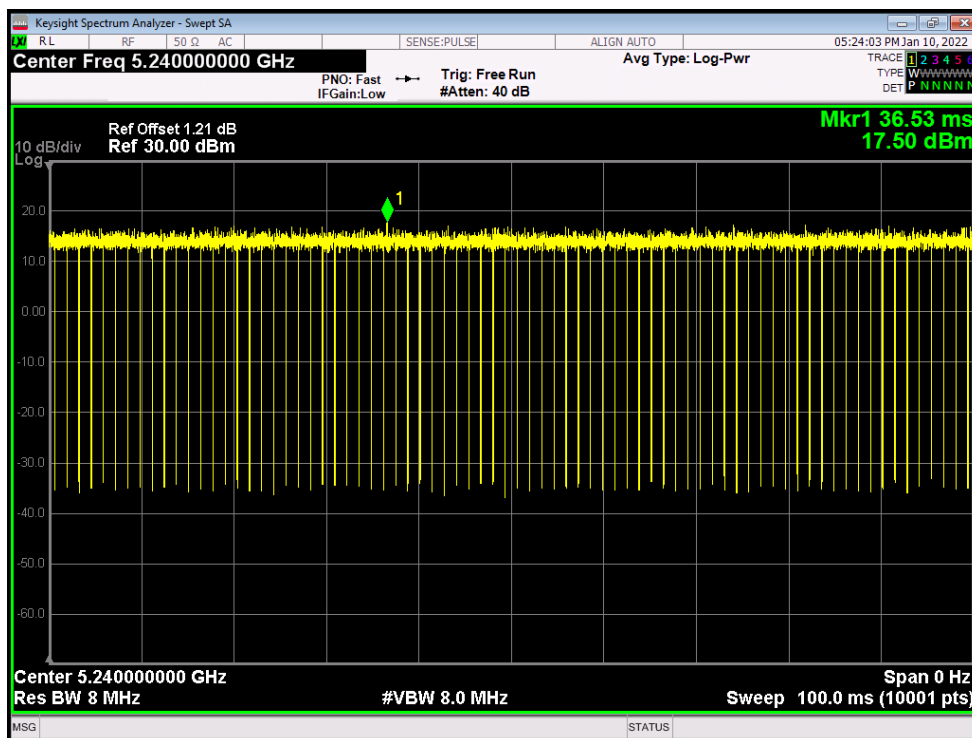
Duty Cycle NVNT n20 5180MHz Ant1



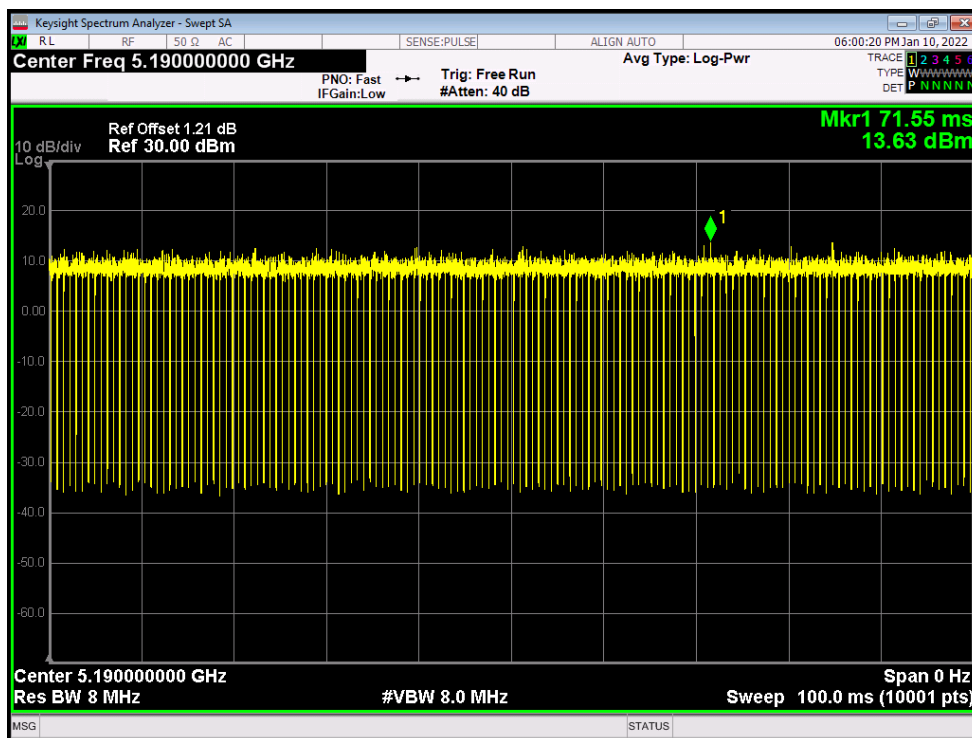
Duty Cycle NVNT n20 5200MHz Ant1



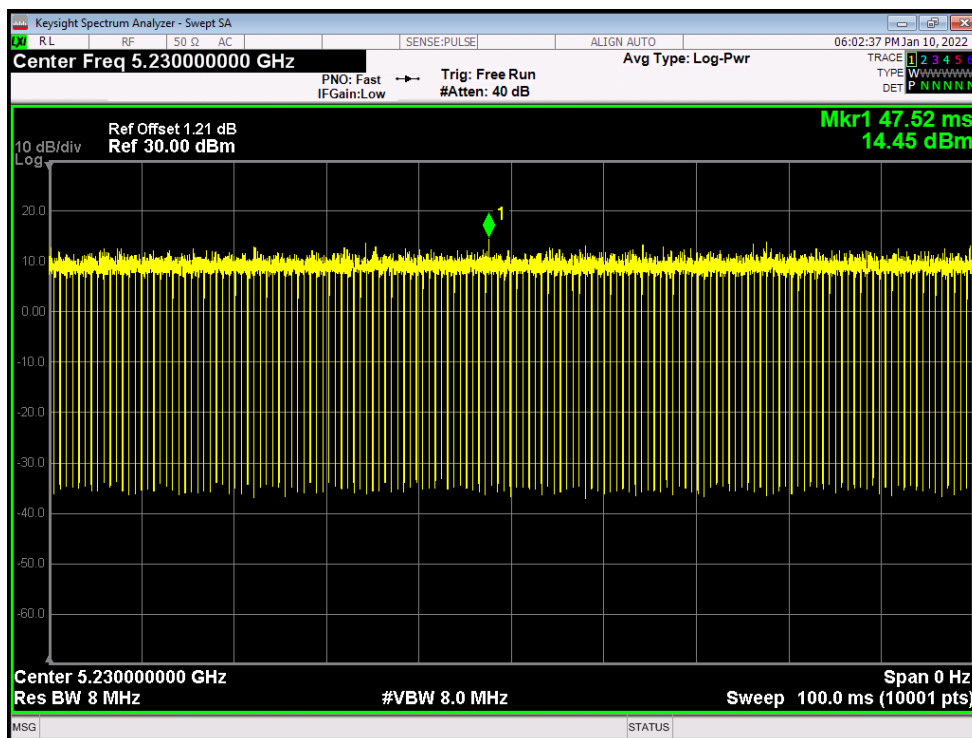
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



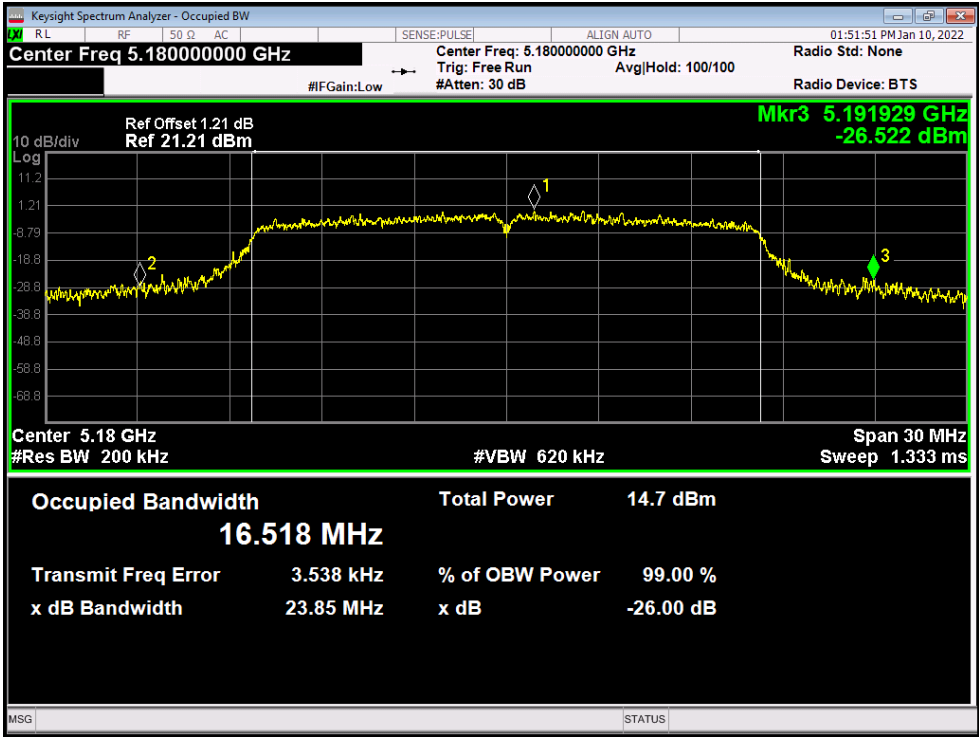
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.052	0.11	9.162	24	Pass
NVNT	a	5200	Ant1	9.535	0.11	9.645	24	Pass
NVNT	a	5240	Ant1	10.192	0.11	10.302	24	Pass
NVNT	ac20	5180	Ant1	8.527	0.12	8.647	24	Pass
NVNT	ac20	5200	Ant1	9.169	0.12	9.289	24	Pass
NVNT	ac20	5240	Ant1	10.036	0.11	10.146	24	Pass
NVNT	ac40	5190	Ant1	6.719	0.22	6.939	24	Pass
NVNT	ac40	5230	Ant1	7.504	0.22	7.724	24	Pass
NVNT	ac80	5210	Ant1	7.111	0.43	7.541	24	Pass
NVNT	n20	5180	Ant1	8.889	0.12	9.009	24	Pass
NVNT	n20	5200	Ant1	9.042	0.12	9.162	24	Pass
NVNT	n20	5240	Ant1	9.872	0.12	9.992	24	Pass
NVNT	n40	5190	Ant1	6.96	0.23	7.19	24	Pass
NVNT	n40	5230	Ant1	7.293	0.22	7.513	24	Pass

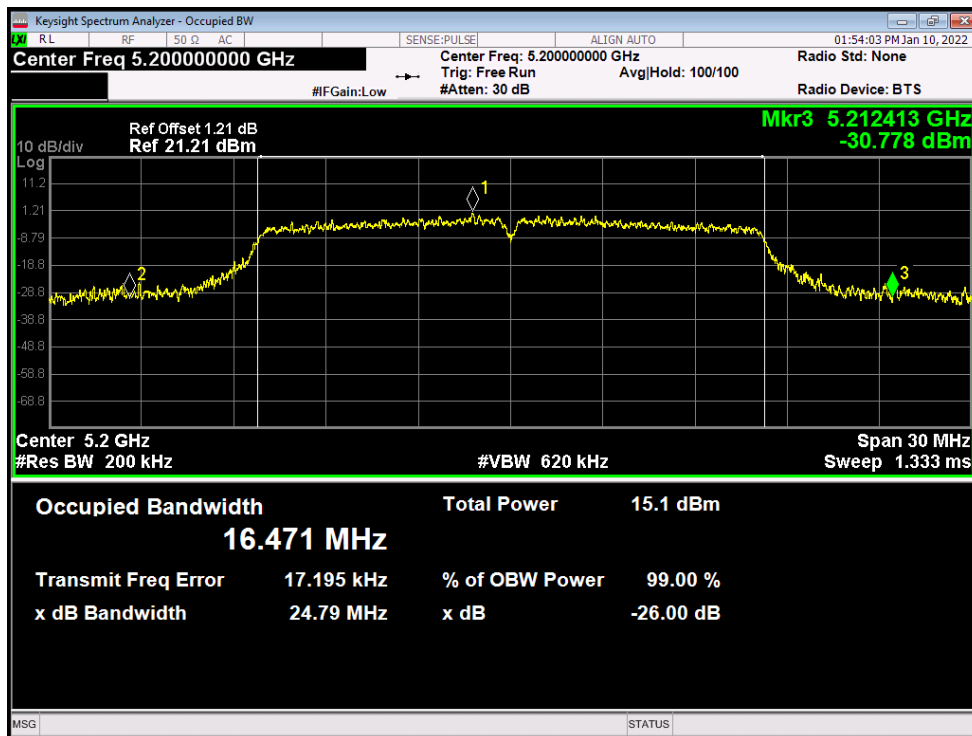
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.851	0.5	Pass
NVNT	a	5200	Ant1	24.792	0.5	Pass
NVNT	a	5240	Ant1	23.406	0.5	Pass
NVNT	ac20	5180	Ant1	23.621	0.5	Pass
NVNT	ac20	5200	Ant1	21.316	0.5	Pass
NVNT	ac20	5240	Ant1	27.677	0.5	Pass
NVNT	ac40	5190	Ant1	41.133	0.5	Pass
NVNT	ac40	5230	Ant1	40.446	0.5	Pass
NVNT	ac80	5210	Ant1	80.72	0.5	Pass
NVNT	n20	5180	Ant1	24.77	0.5	Pass
NVNT	n20	5200	Ant1	23.159	0.5	Pass
NVNT	n20	5240	Ant1	25.286	0.5	Pass
NVNT	n40	5190	Ant1	40.238	0.5	Pass
NVNT	n40	5230	Ant1	39.76	0.5	Pass

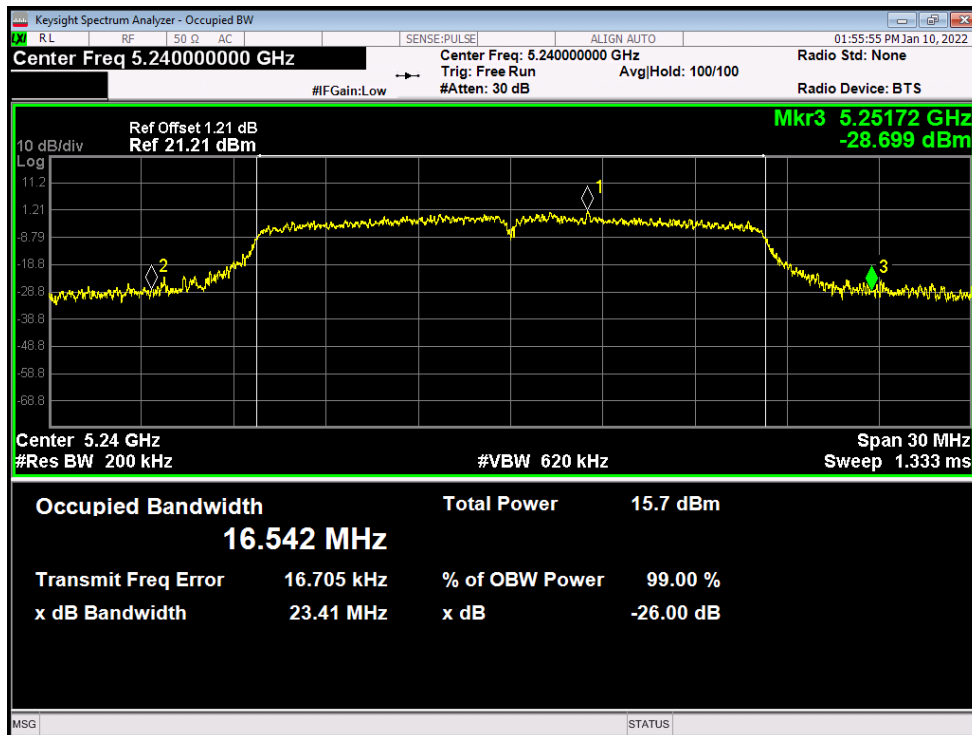
-26dB Bandwidth NVNT a 5180MHz Ant1



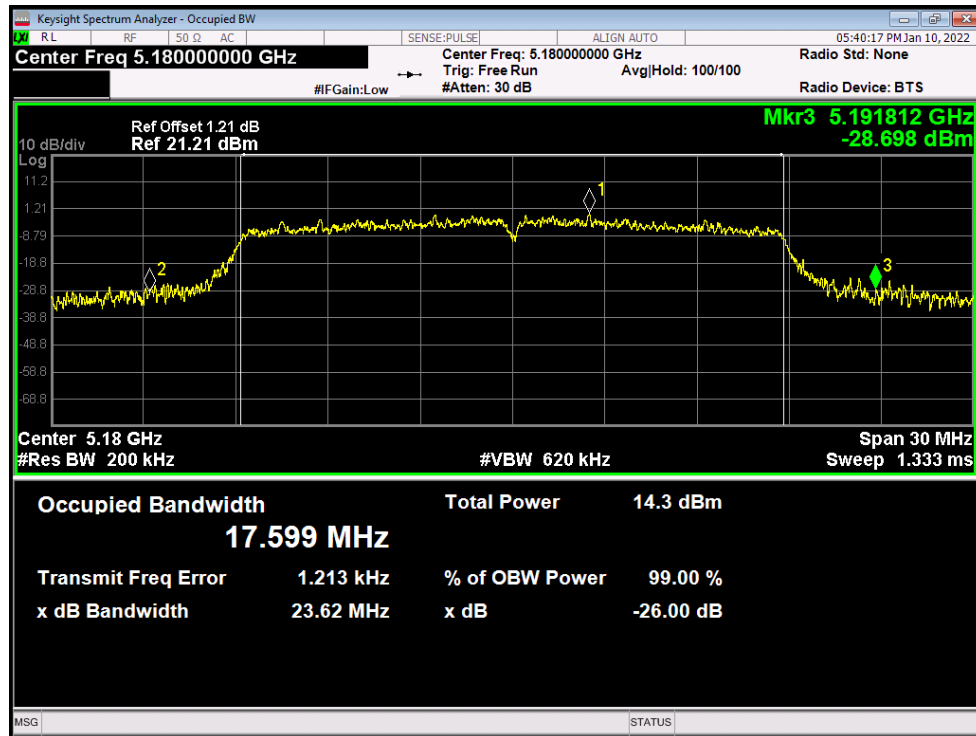
-26dB Bandwidth NVNT a 5200MHz Ant1



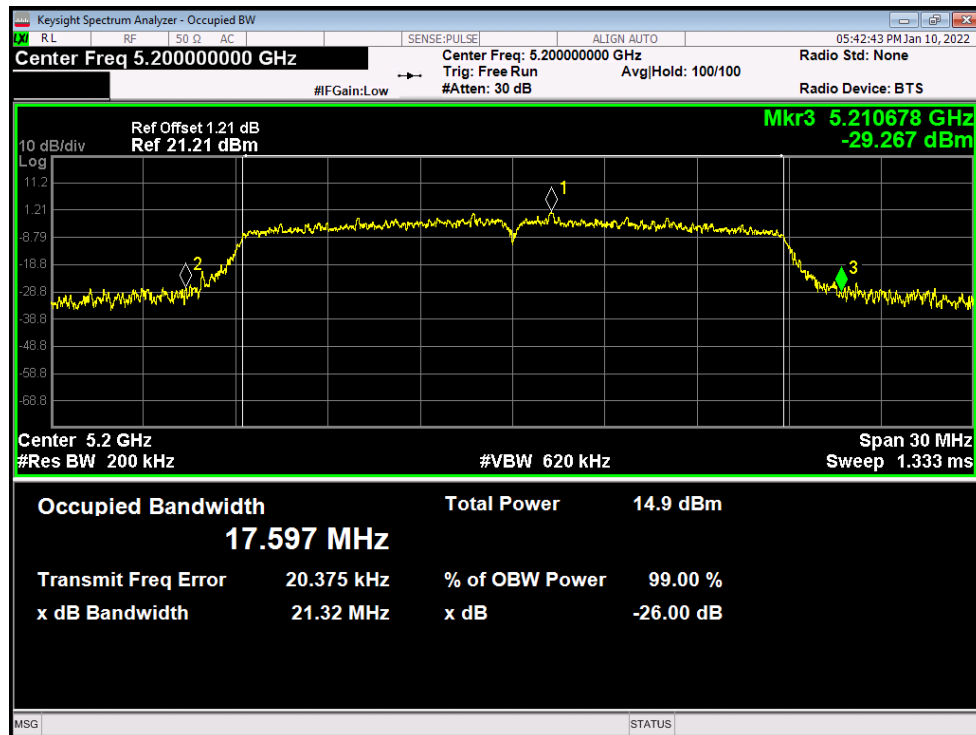
-26dB Bandwidth NVNT a 5240MHz Ant1



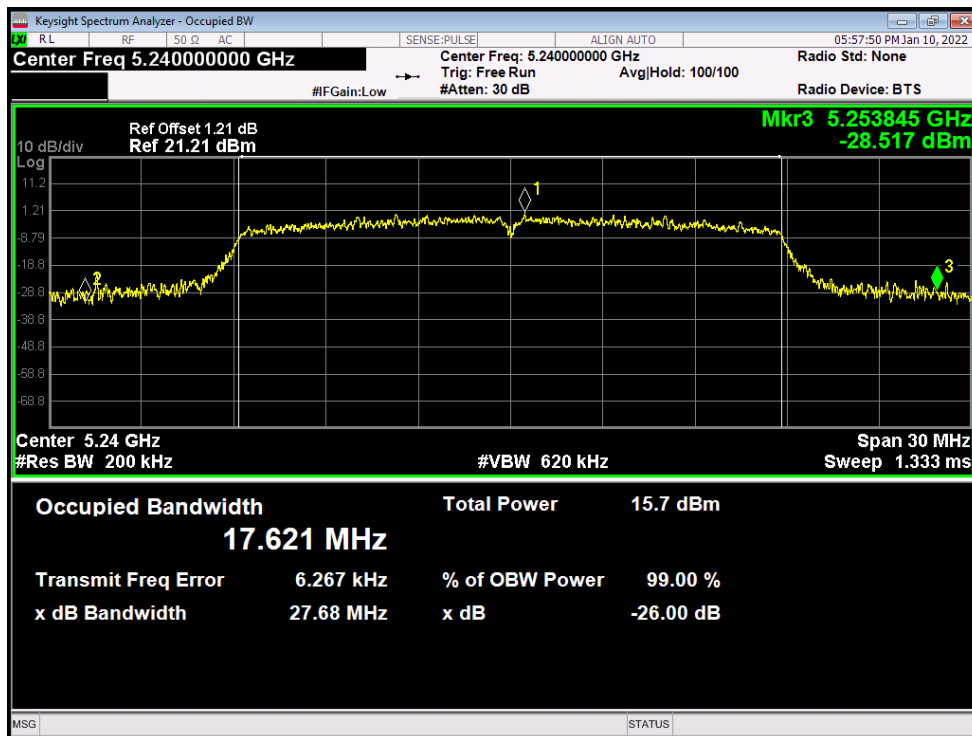
-26dB Bandwidth NVNT ac20 5180MHz Ant1



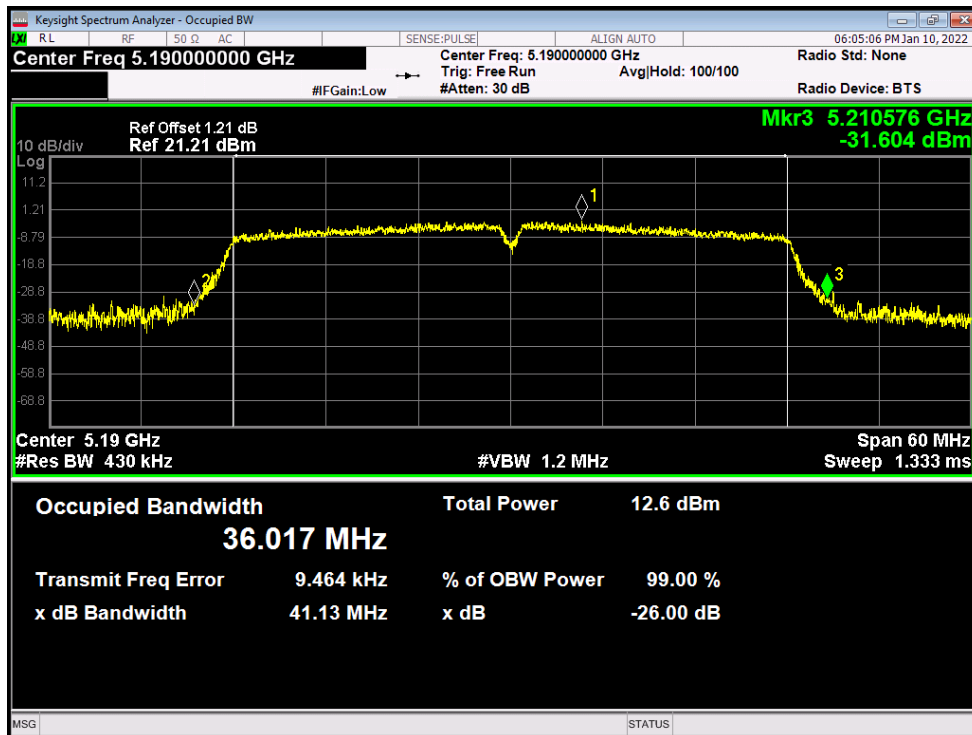
-26dB Bandwidth NVNT ac20 5200MHz Ant1



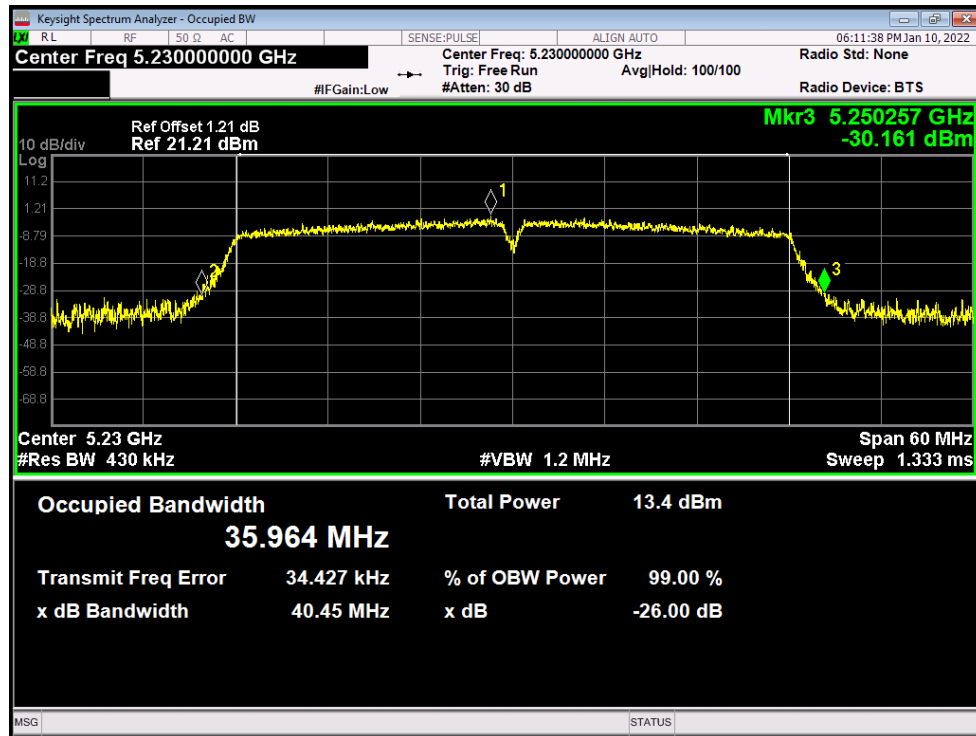
-26dB Bandwidth NVNT ac20 5240MHz Ant1



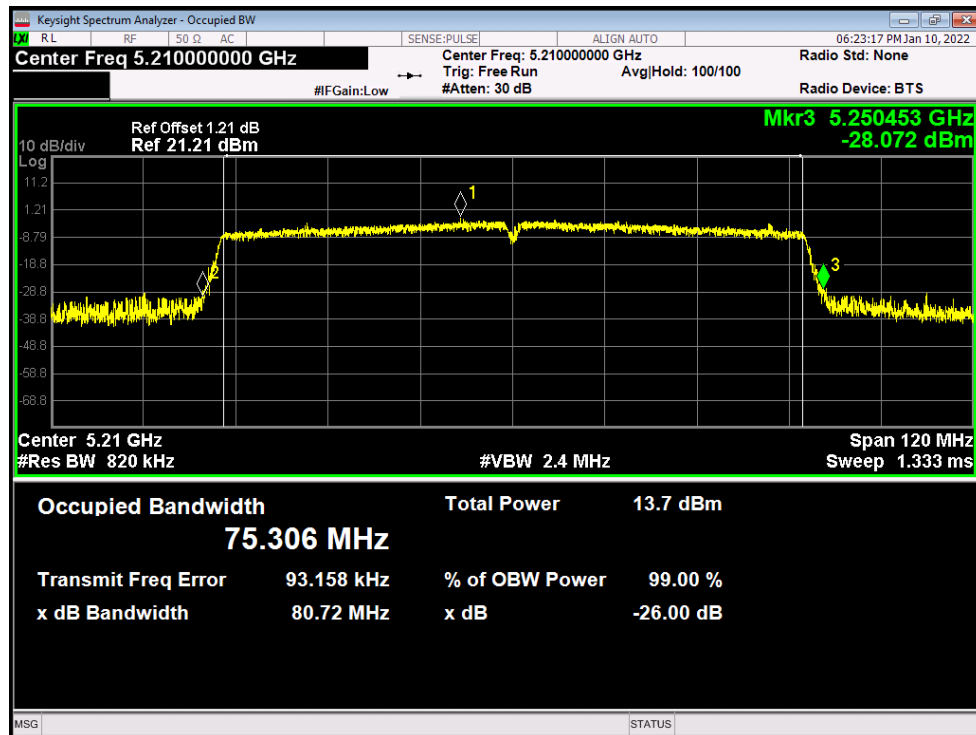
-26dB Bandwidth NVNT ac40 5190MHz Ant1



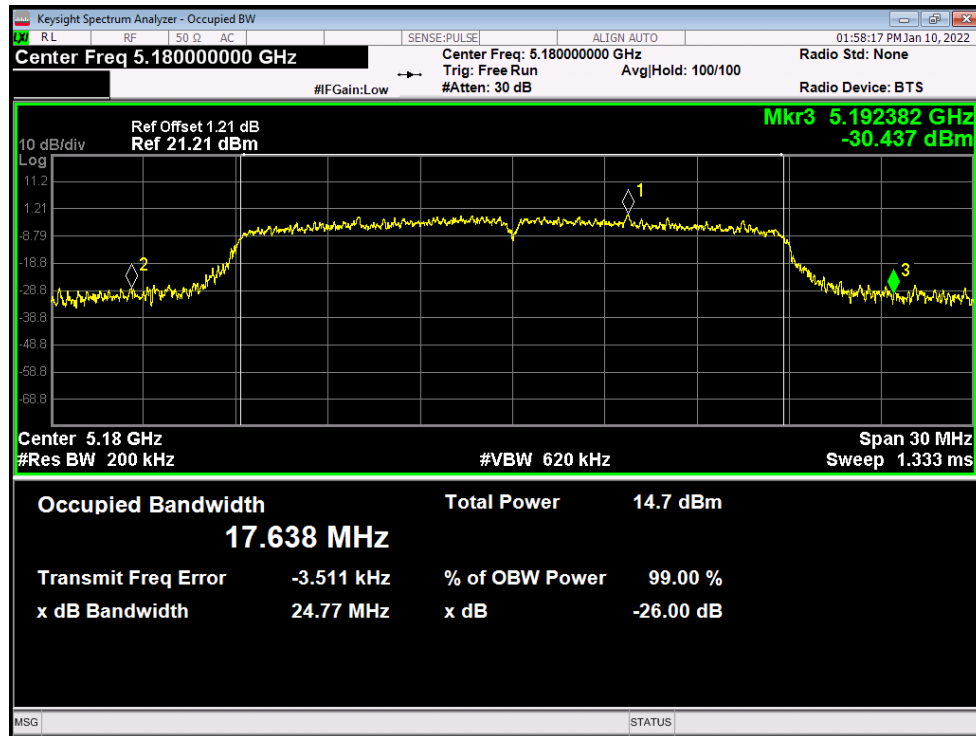
-26dB Bandwidth NVNT ac40 5230MHz Ant1



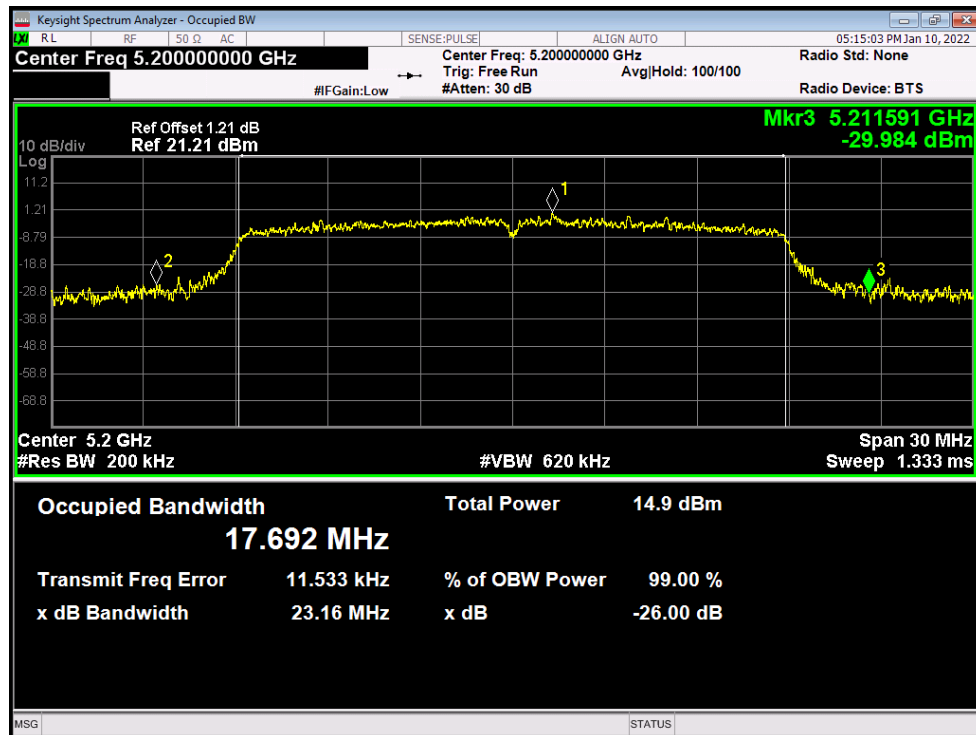
-26dB Bandwidth NVNT ac80 5210MHz Ant1



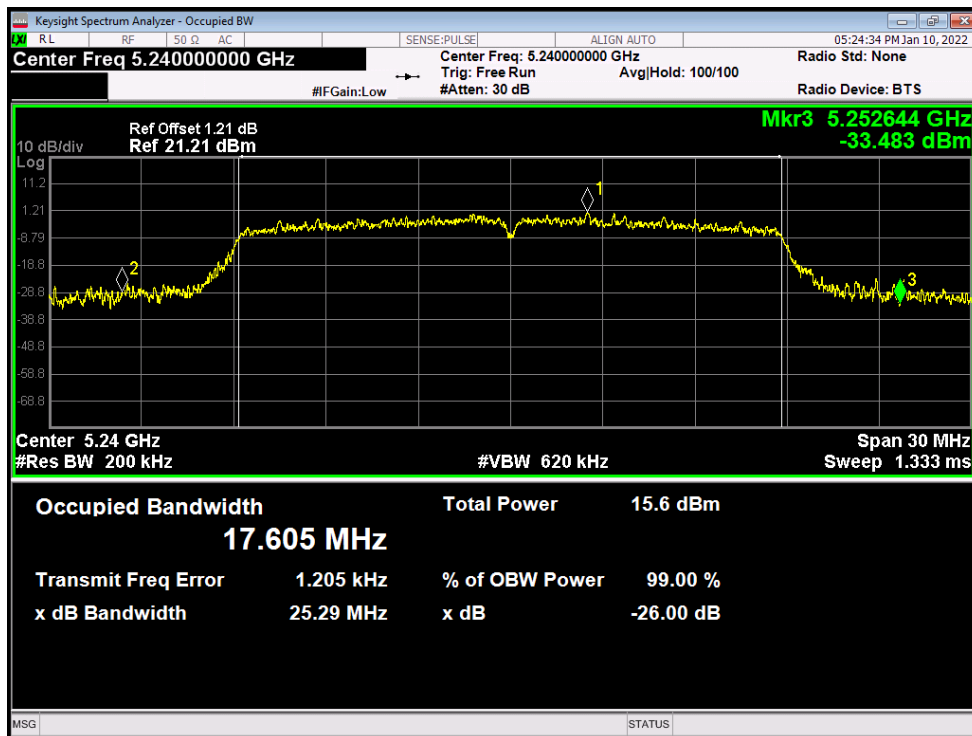
-26dB Bandwidth NVNT n20 5180MHz Ant1



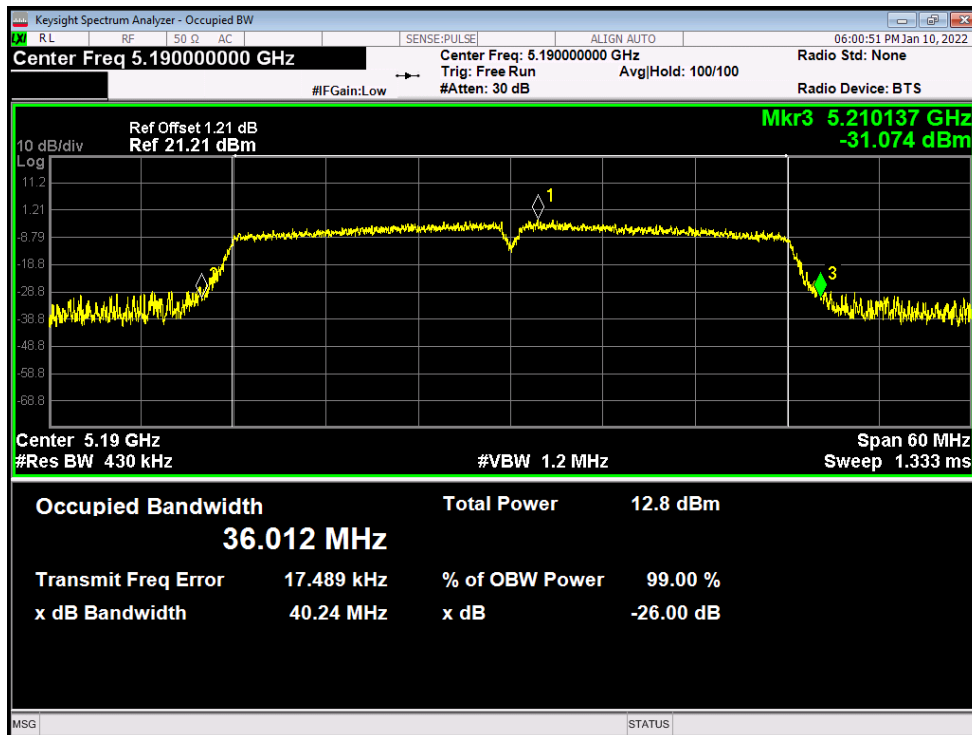
-26dB Bandwidth NVNT n20 5200MHz Ant1



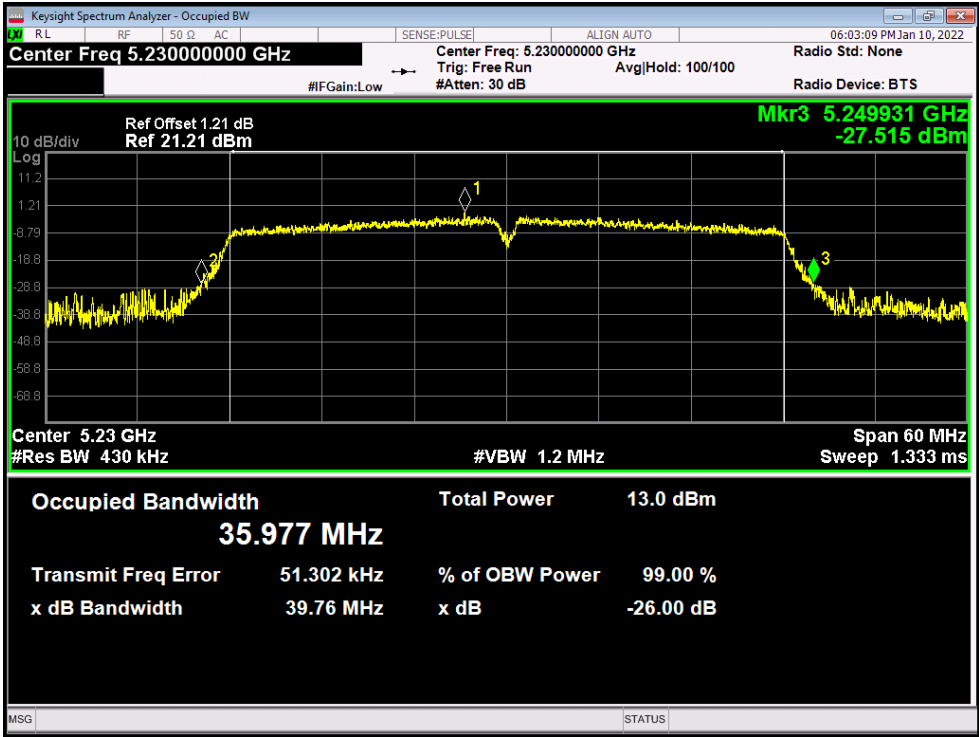
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



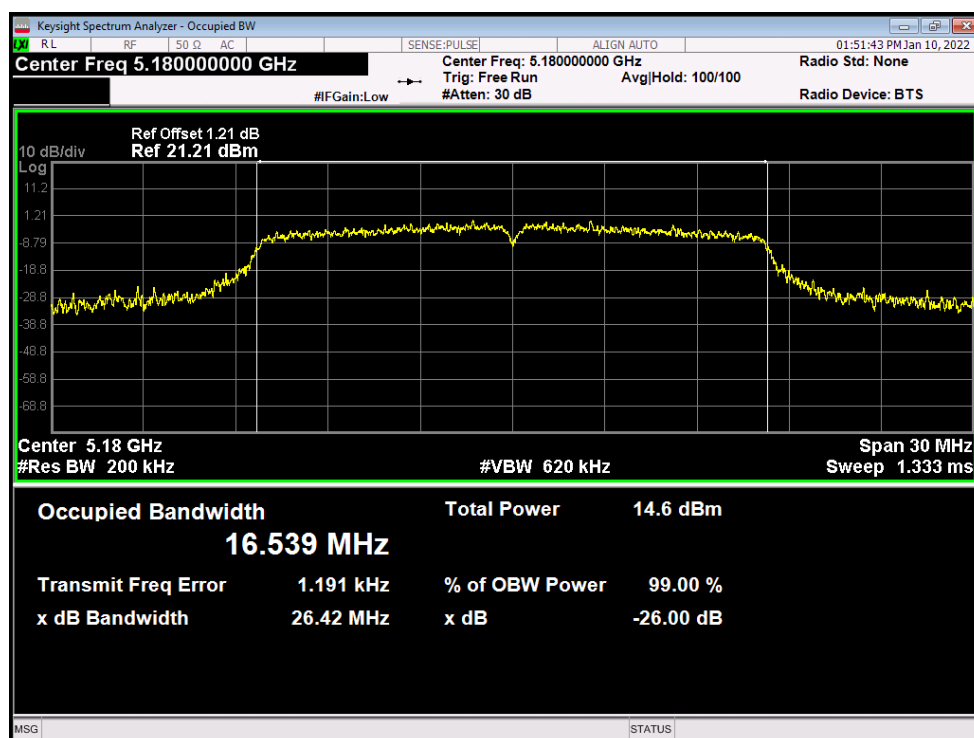
-26dB Bandwidth NVNT n40 5230MHz Ant1



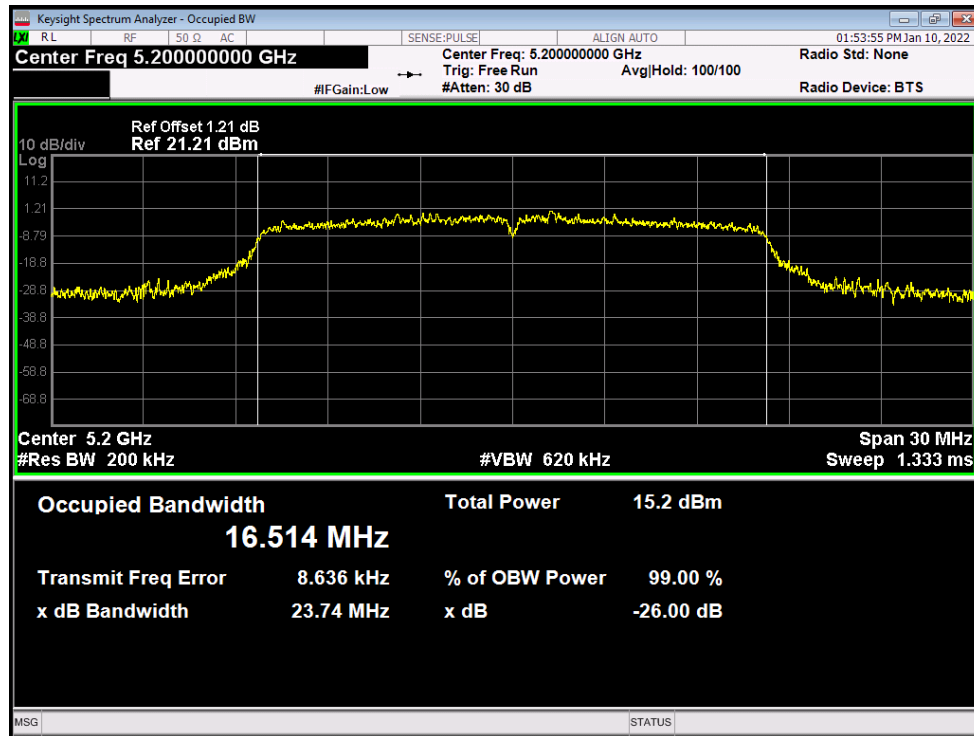
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.539
NVNT	a	5200	Ant1	16.514
NVNT	a	5240	Ant1	16.514
NVNT	ac20	5180	Ant1	17.606
NVNT	ac20	5200	Ant1	17.598
NVNT	ac20	5240	Ant1	17.617
NVNT	ac40	5190	Ant1	36.008
NVNT	ac40	5230	Ant1	35.968
NVNT	ac80	5210	Ant1	75.305
NVNT	n20	5180	Ant1	17.604
NVNT	n20	5200	Ant1	17.635
NVNT	n20	5240	Ant1	17.609
NVNT	n40	5190	Ant1	36.016
NVNT	n40	5230	Ant1	35.98

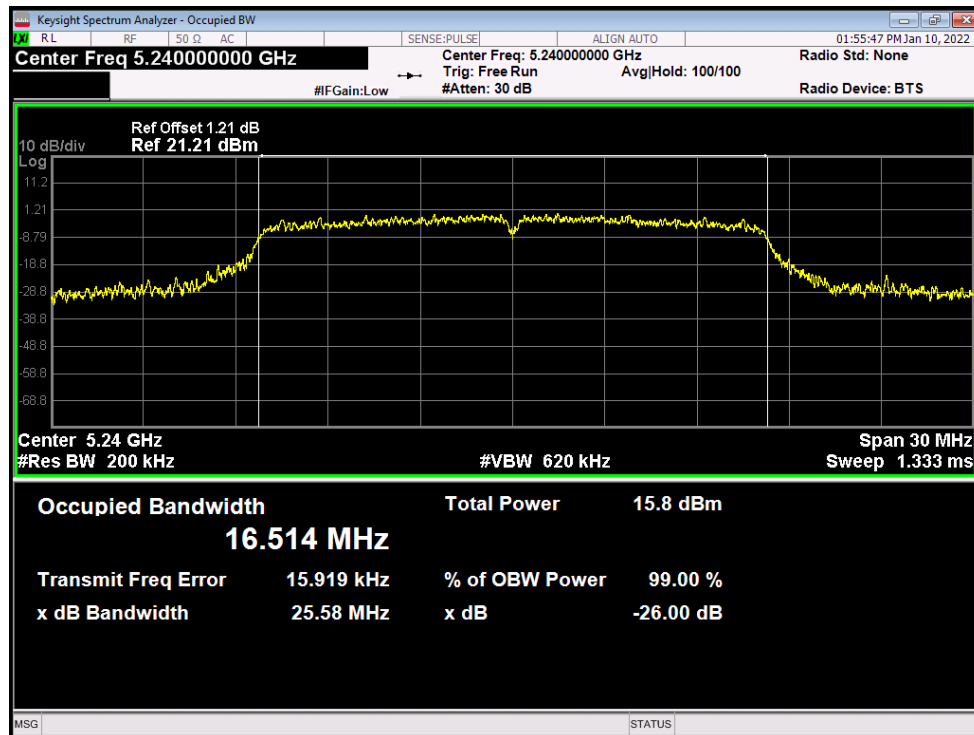
OBW NVNT a 5180MHz Ant1



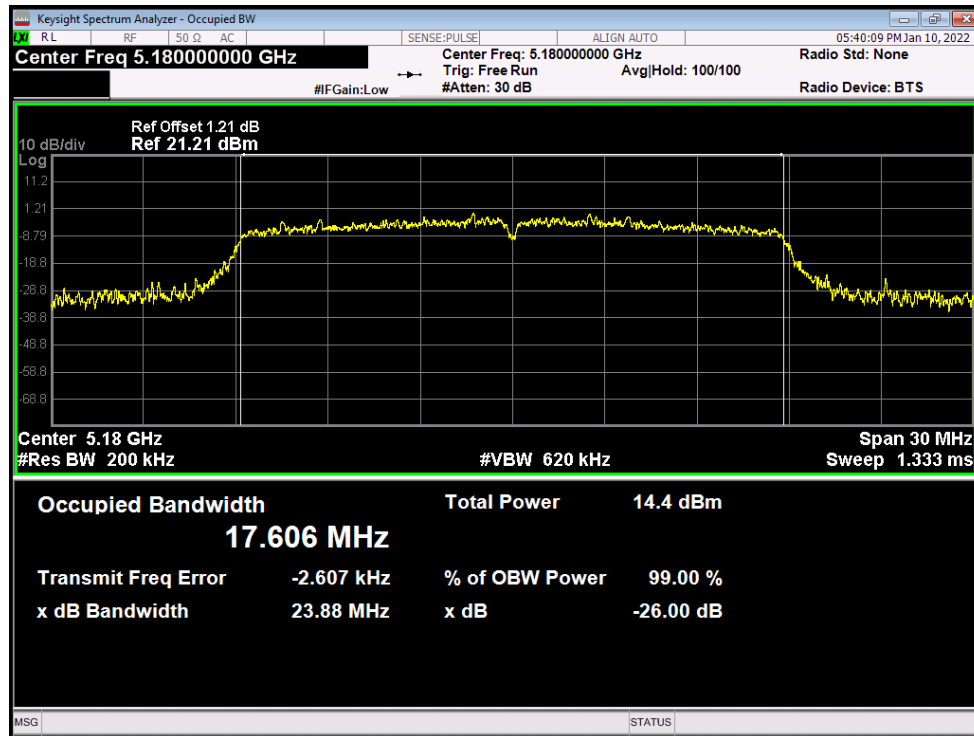
OBW NVNT a 5200MHz Ant1



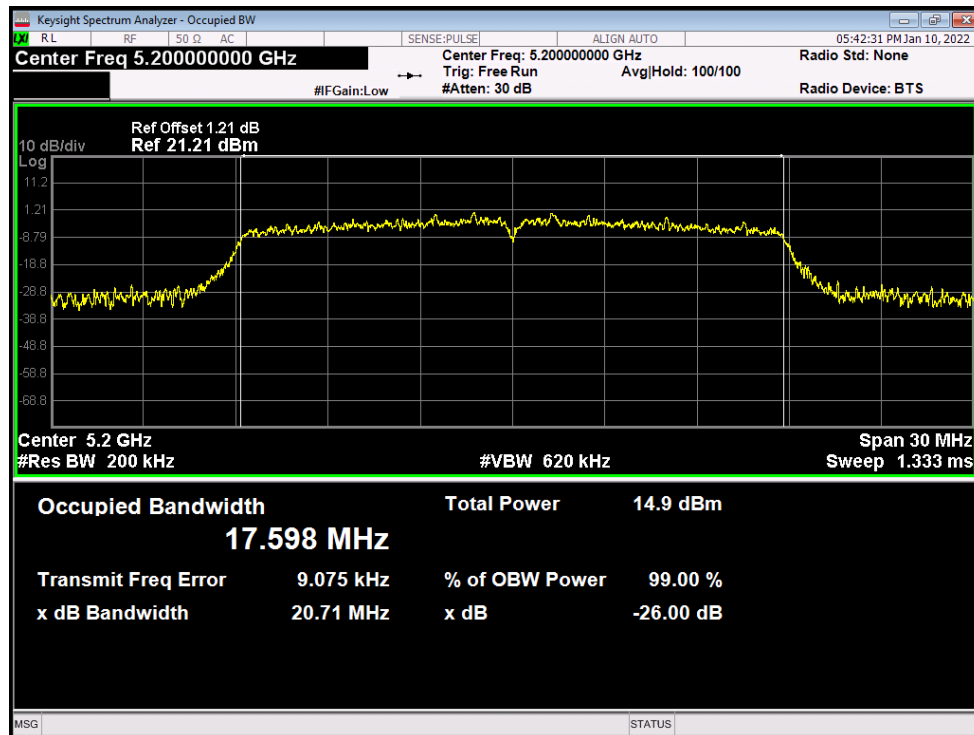
OBW NVNT a 5240MHz Ant1



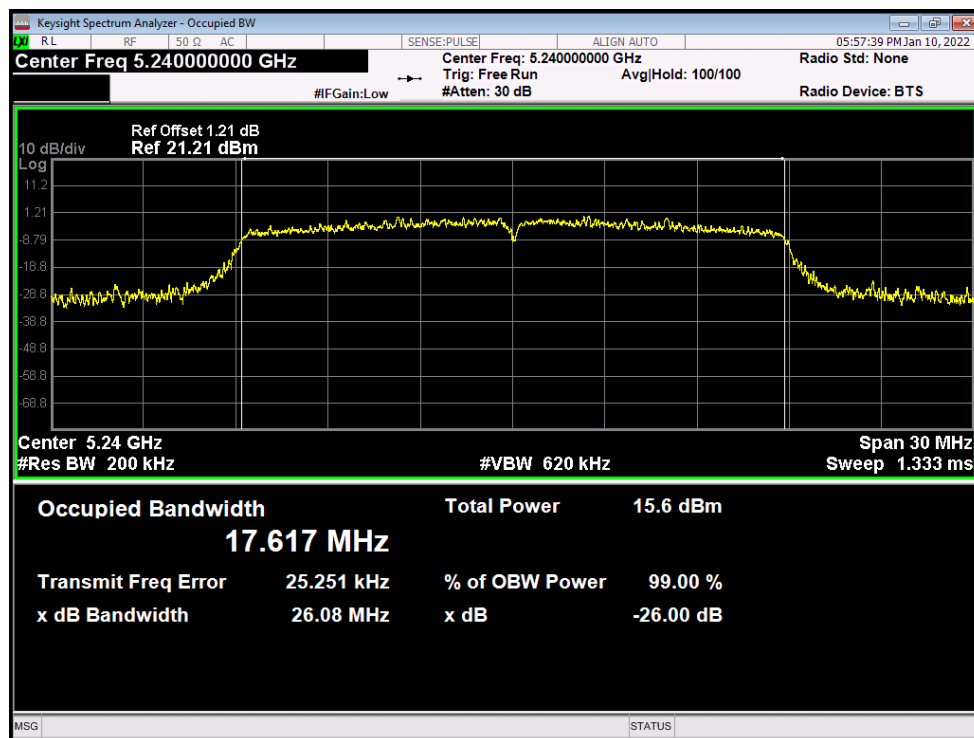
OBW NVNT ac20 5180MHz Ant1



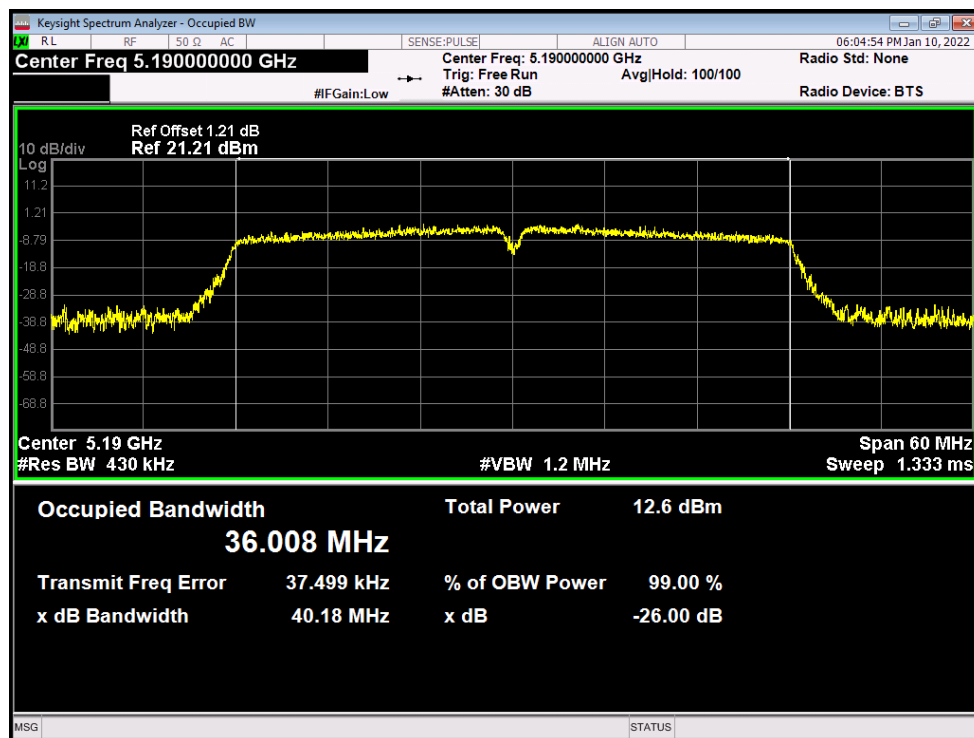
OBW NVNT ac20 5200MHz Ant1



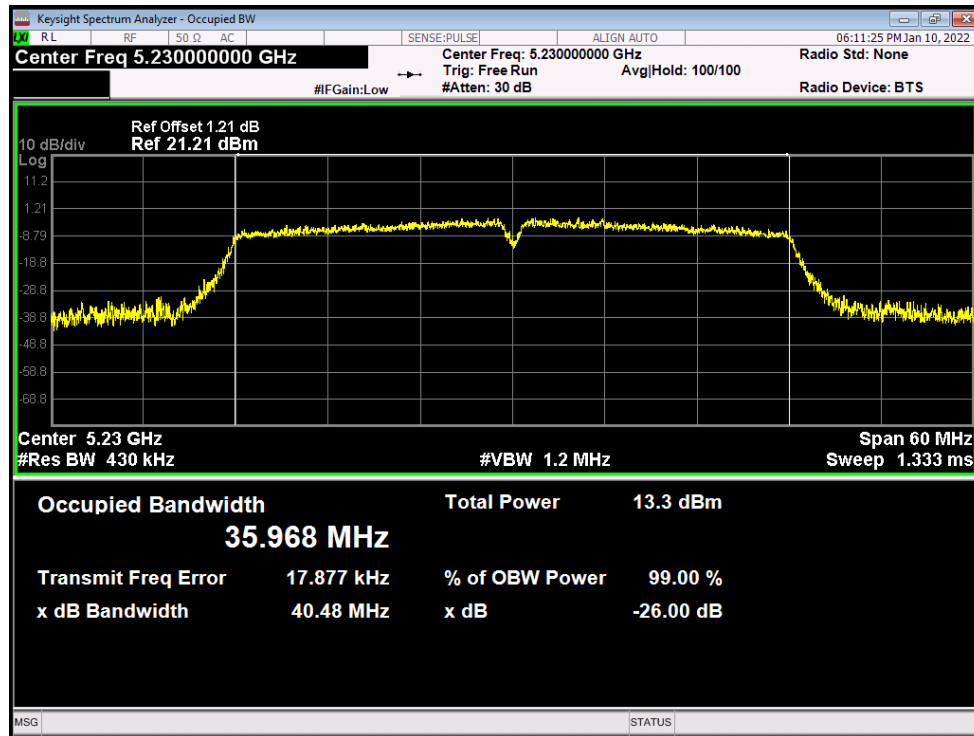
OBW NVNT ac20 5240MHz Ant1



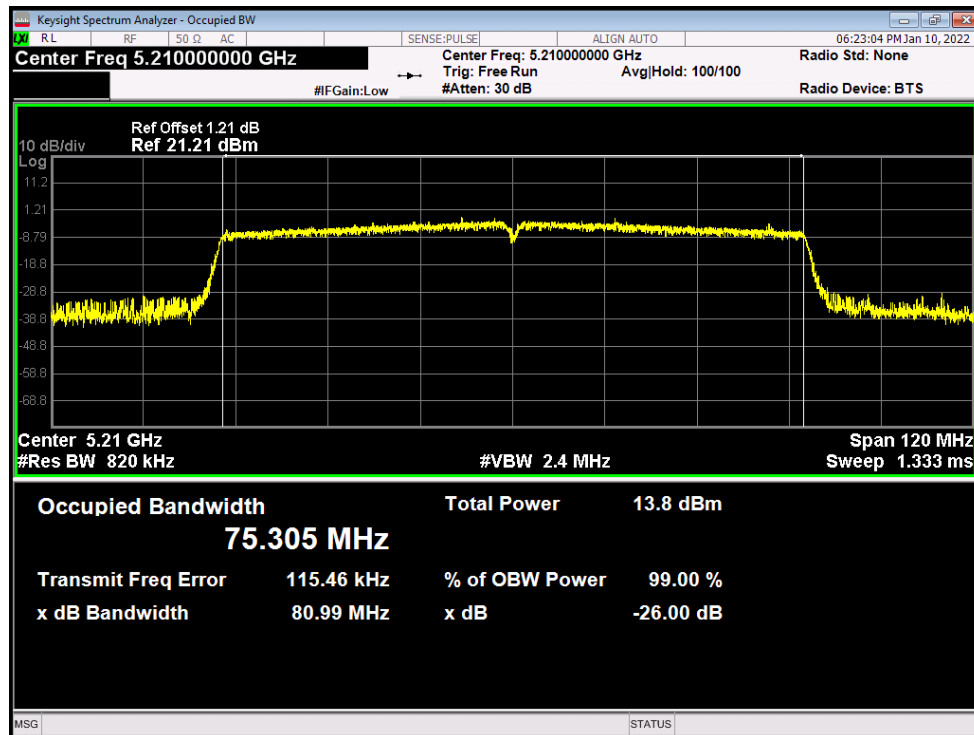
OBW NVNT ac40 5190MHz Ant1



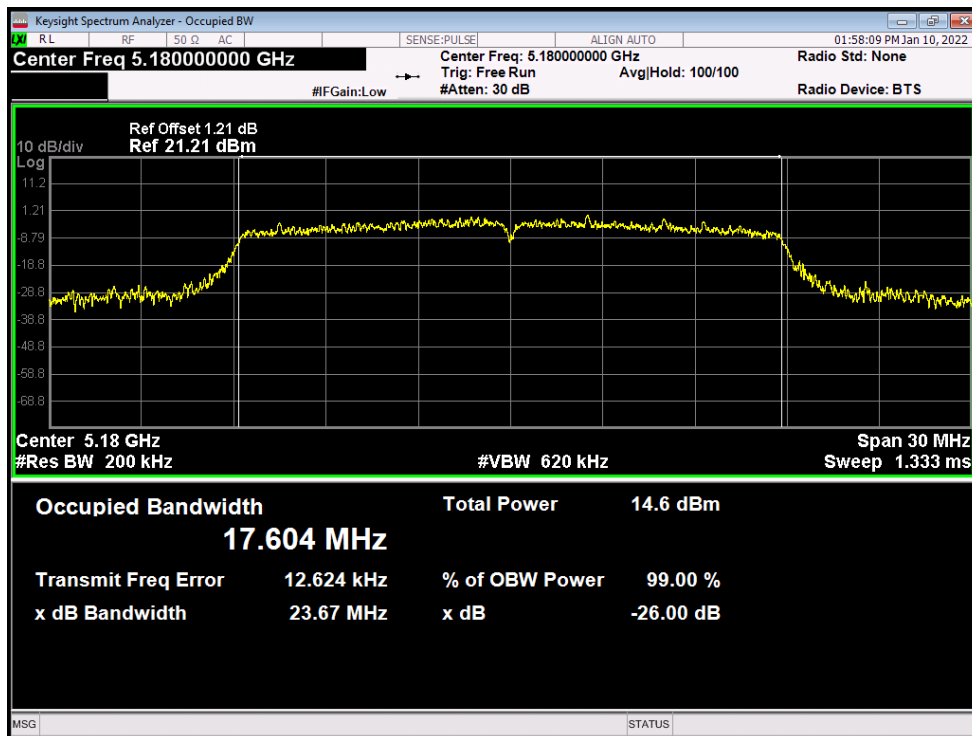
OBW NVNT ac40 5230MHz Ant1



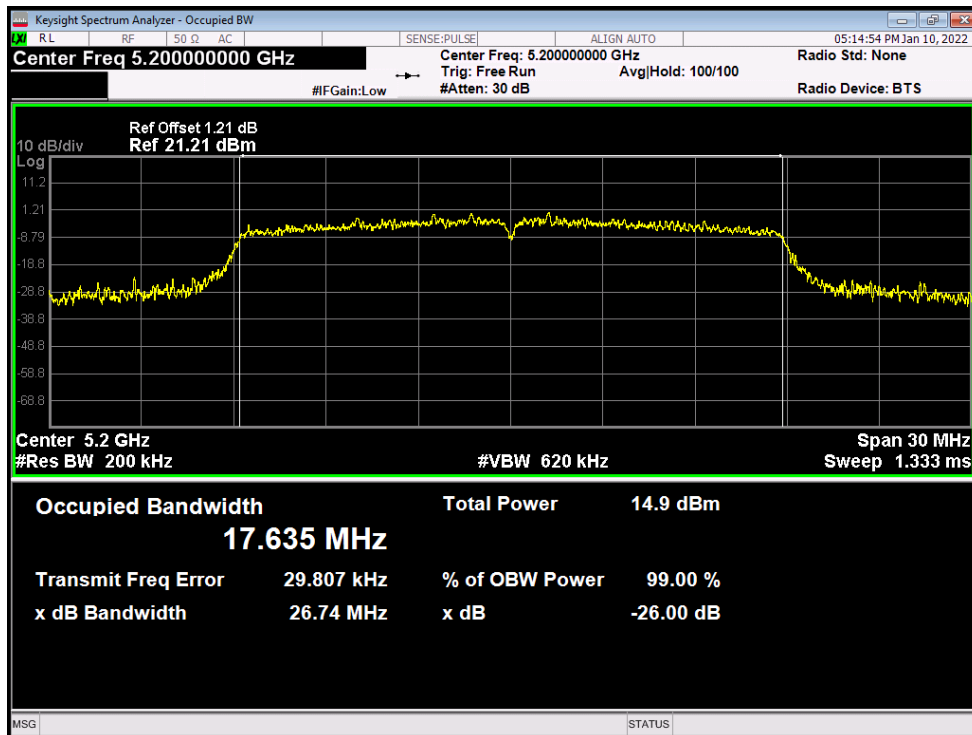
OBW NVNT ac80 5210MHz Ant1



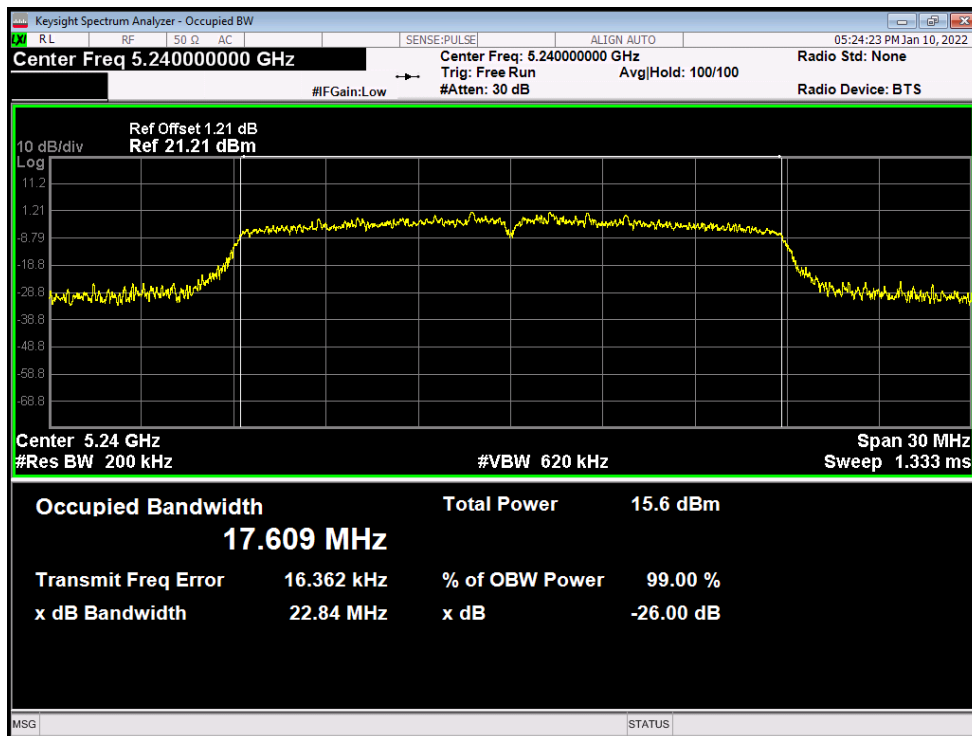
OBW NVNT n20 5180MHz Ant1



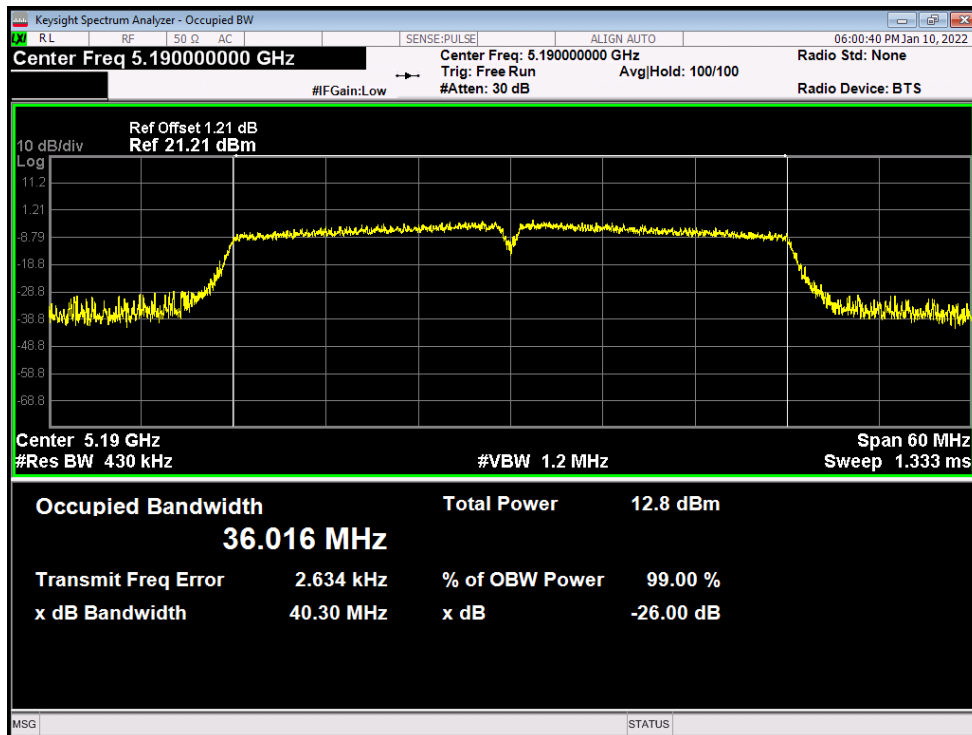
OBW NVNT n20 5200MHz Ant1



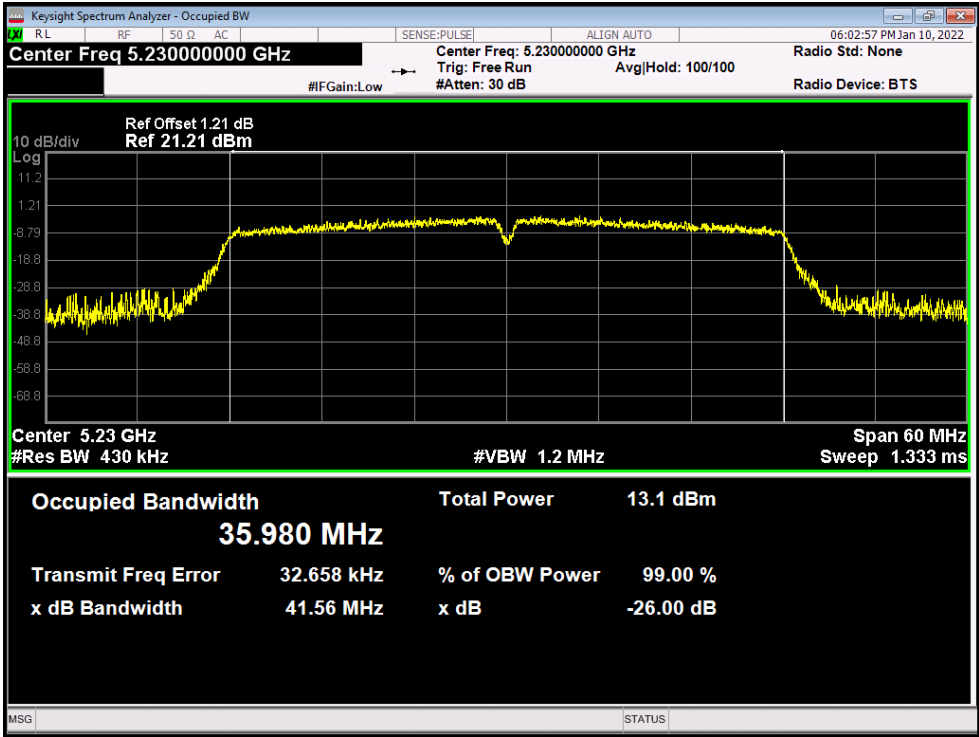
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



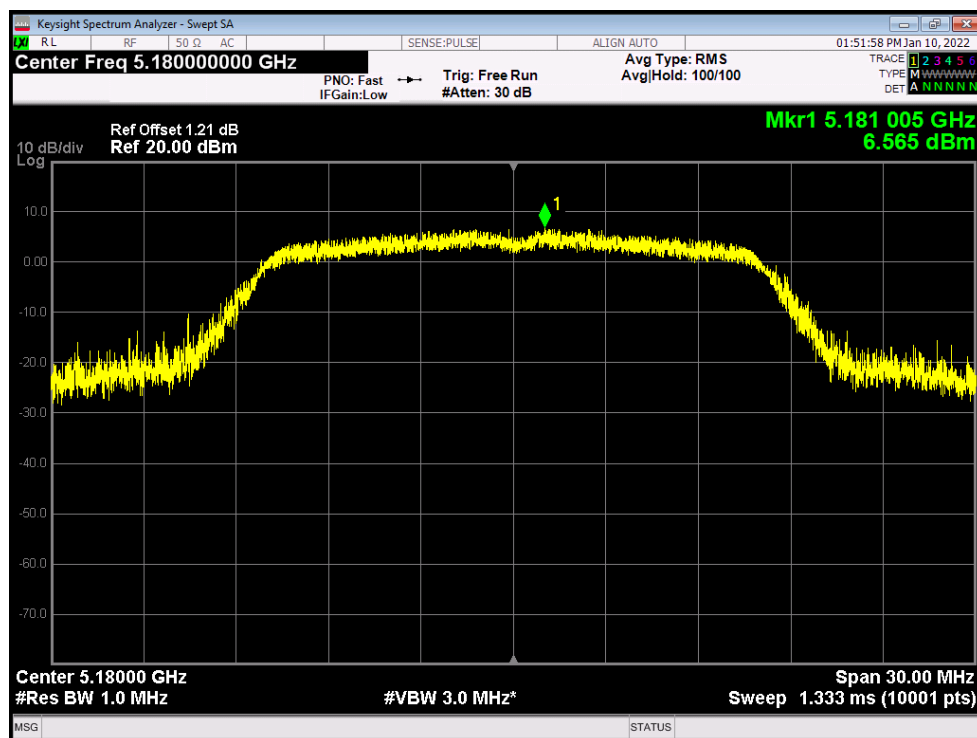
OBW NVNT n40 5230MHz Ant1



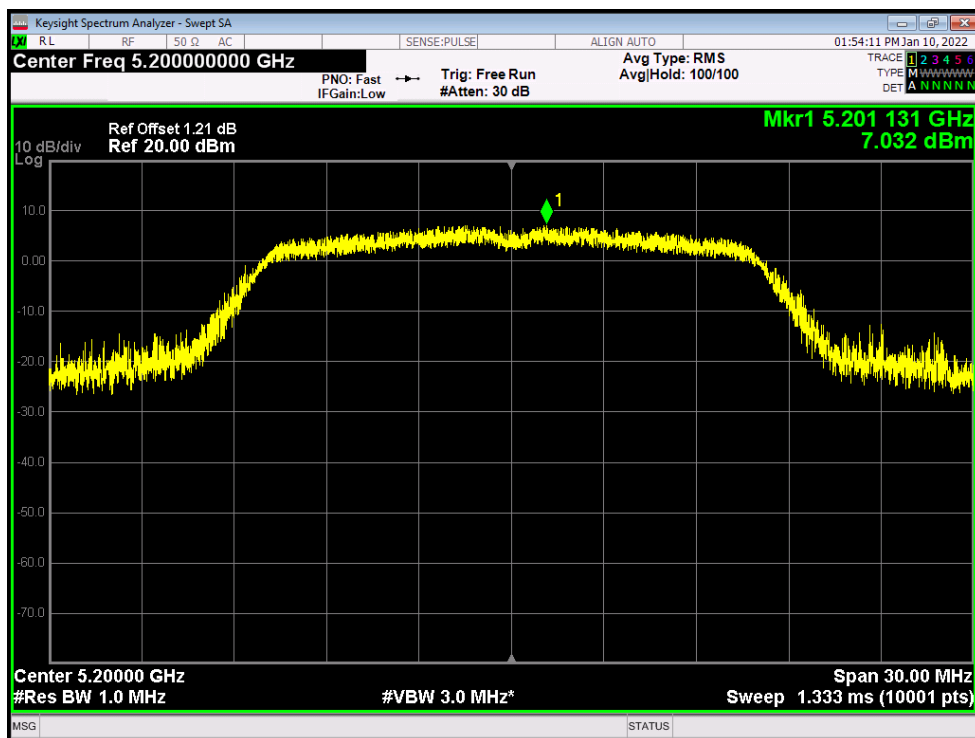
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	6.565	11	Pass
NVNT	a	5200	Ant1	7.032	11	Pass
NVNT	a	5240	Ant1	7.917	11	Pass
NVNT	ac20	5180	Ant1	6.157	11	Pass
NVNT	ac20	5200	Ant1	6.539	11	Pass
NVNT	ac20	5240	Ant1	7.582	11	Pass
NVNT	ac40	5190	Ant1	1.429	11	Pass
NVNT	ac40	5230	Ant1	2.627	11	Pass
NVNT	ac80	5210	Ant1	-1.015	11	Pass
NVNT	n20	5180	Ant1	6.565	11	Pass
NVNT	n20	5200	Ant1	6.722	11	Pass
NVNT	n20	5240	Ant1	7.42	11	Pass
NVNT	n40	5190	Ant1	2.348	11	Pass
NVNT	n40	5230	Ant1	2.498	11	Pass

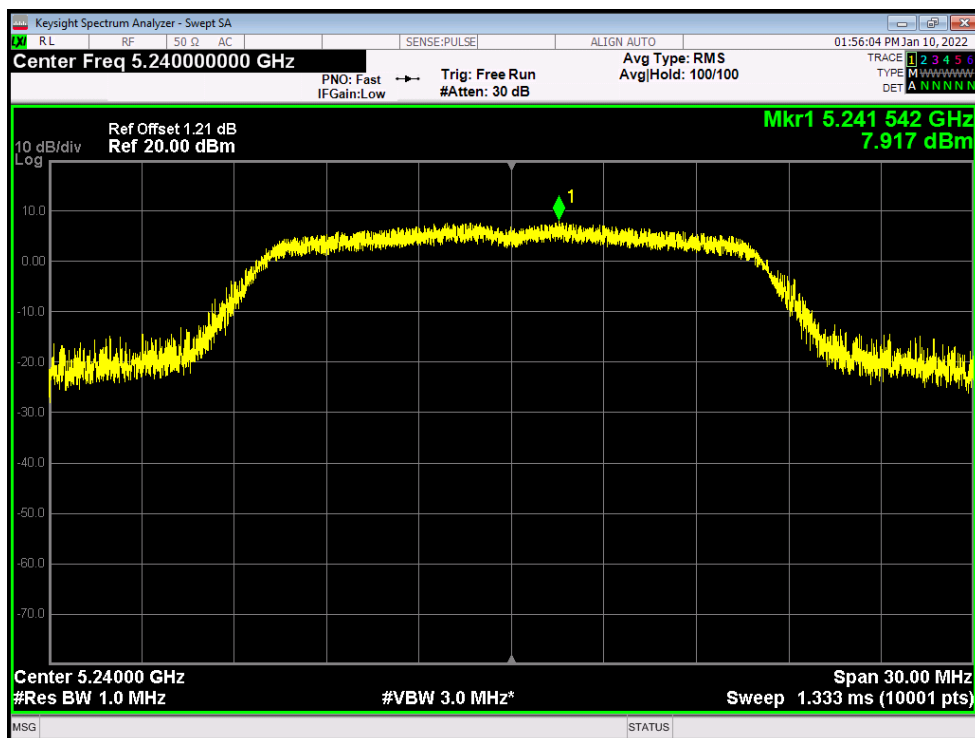
PSD NVNT a 5180MHz Ant1



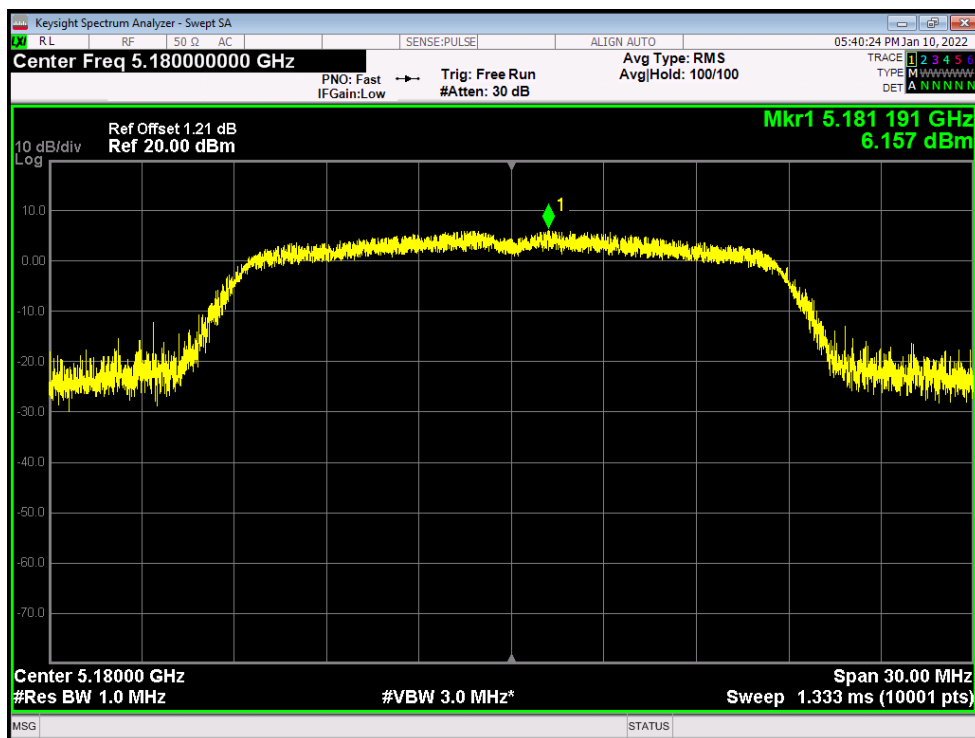
PSD NVNT a 5200MHz Ant1



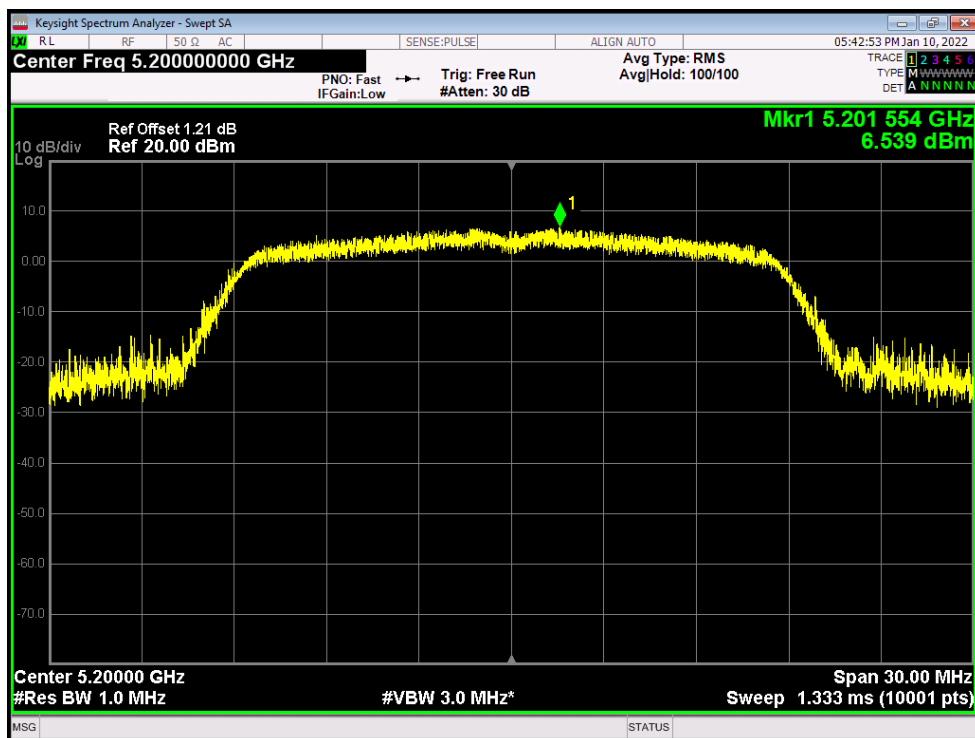
PSD NVNT a 5240MHz Ant1



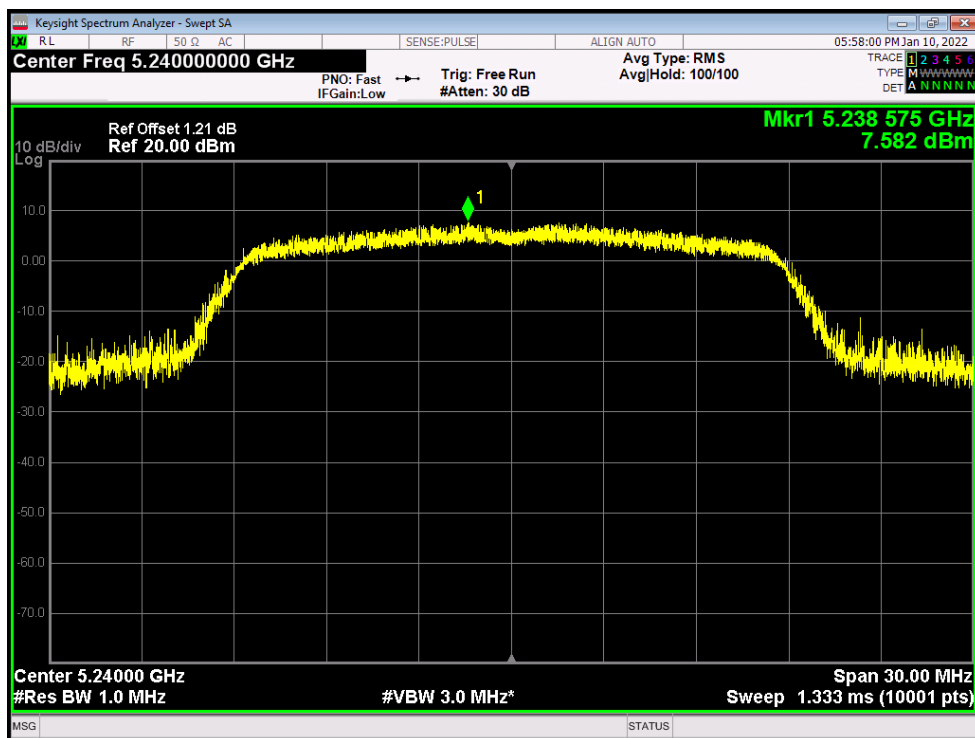
PSD NVNT ac20 5180MHz Ant1



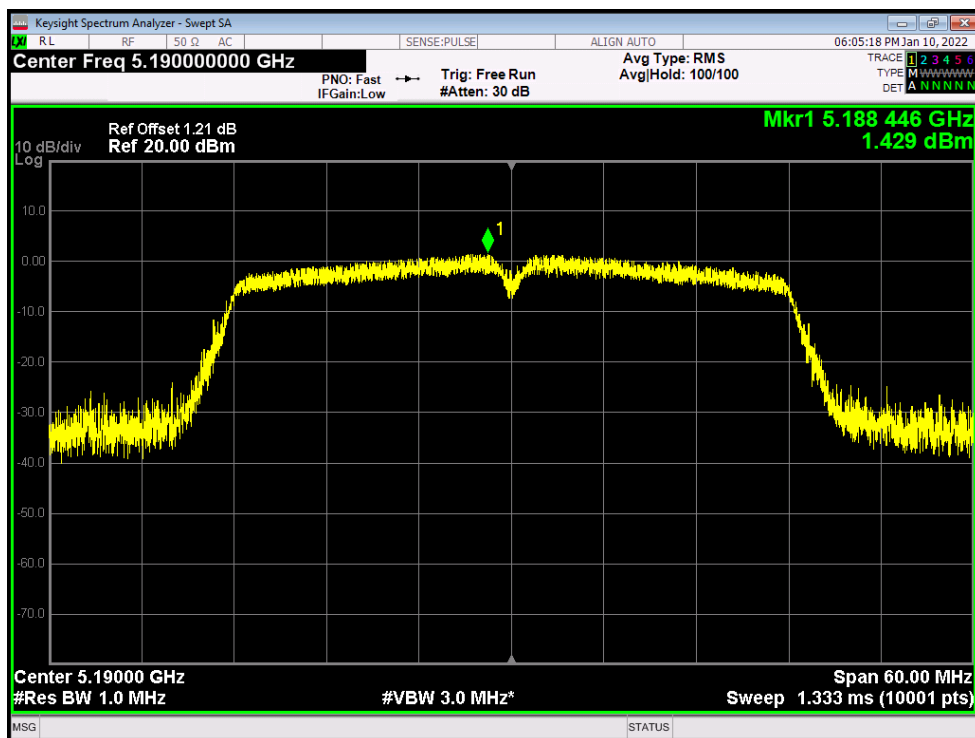
PSD NVNT ac20 5200MHz Ant1



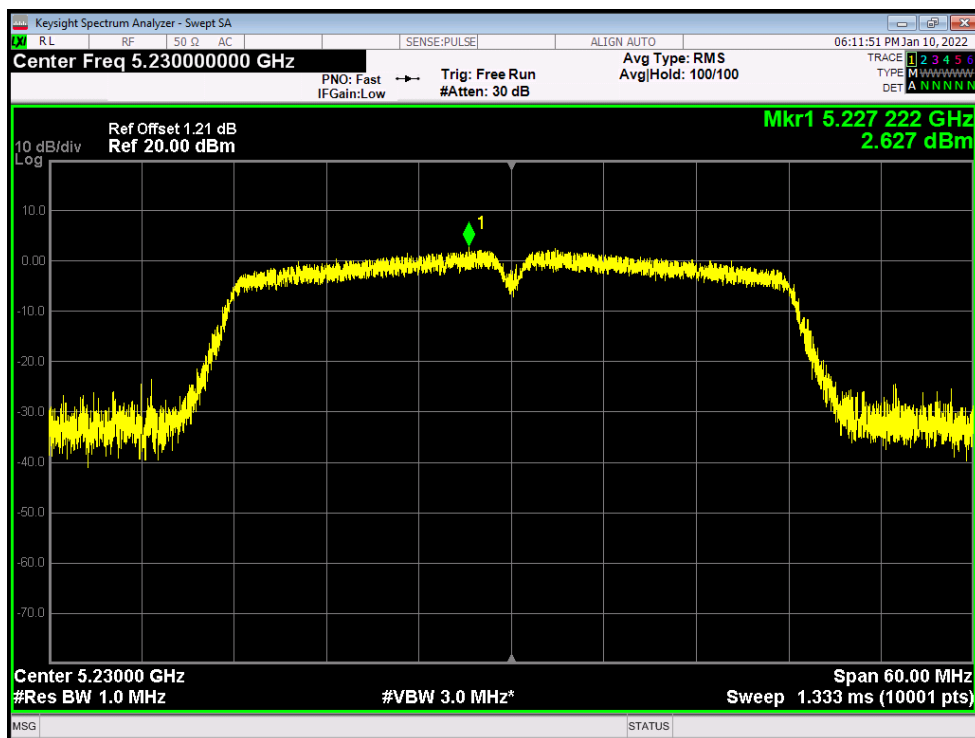
PSD NVNT ac20 5240MHz Ant1



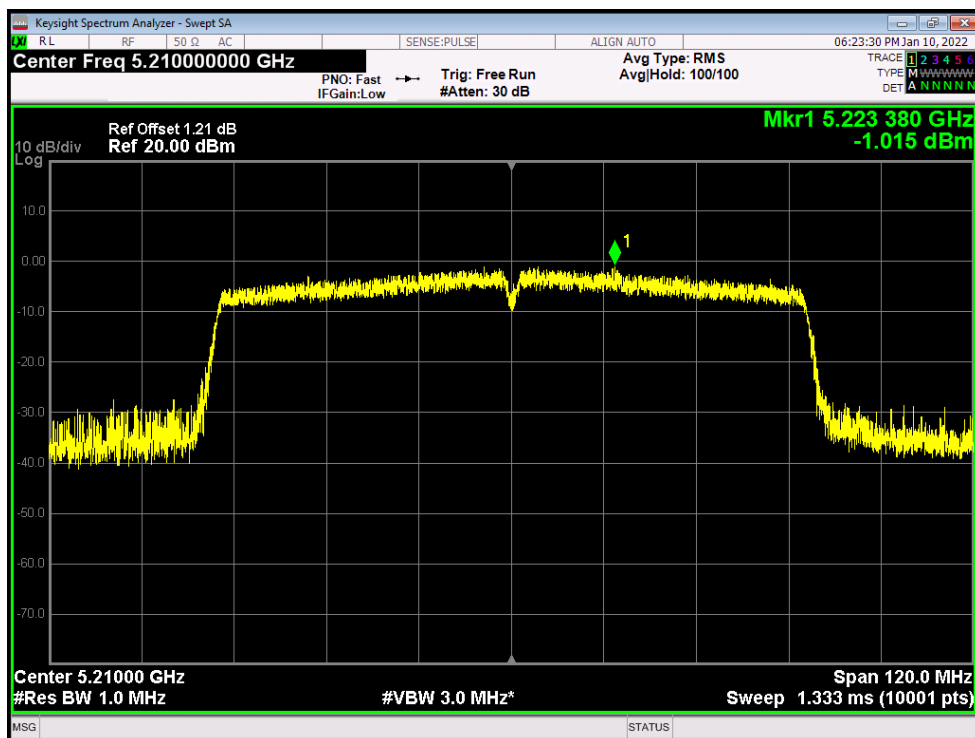
PSD NVNT ac40 5190MHz Ant1



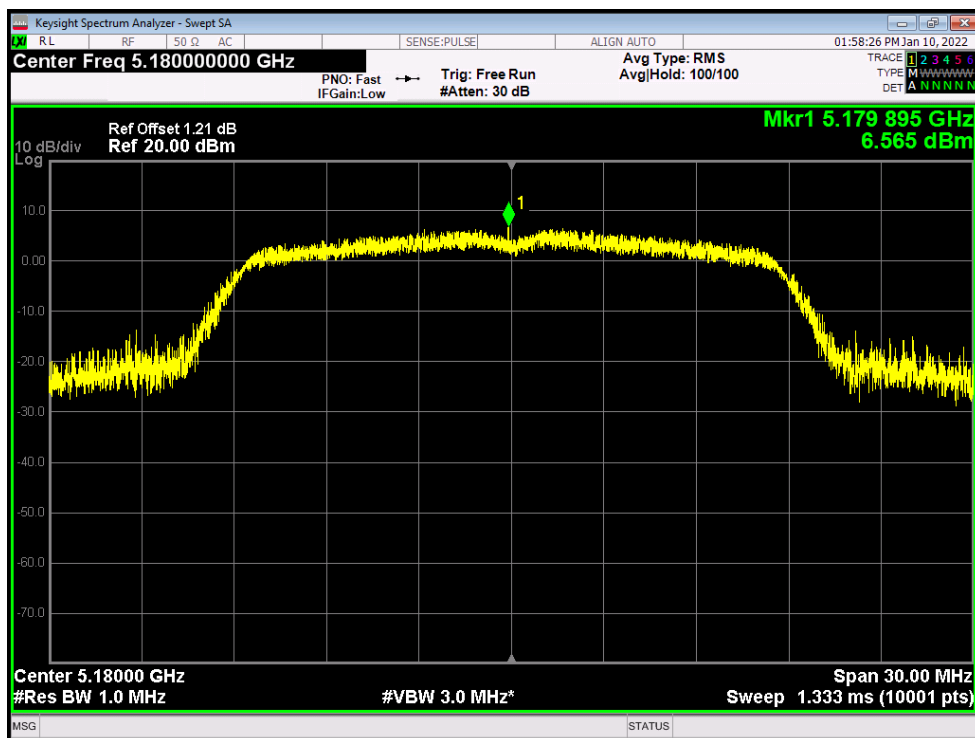
PSD NVNT ac40 5230MHz Ant1



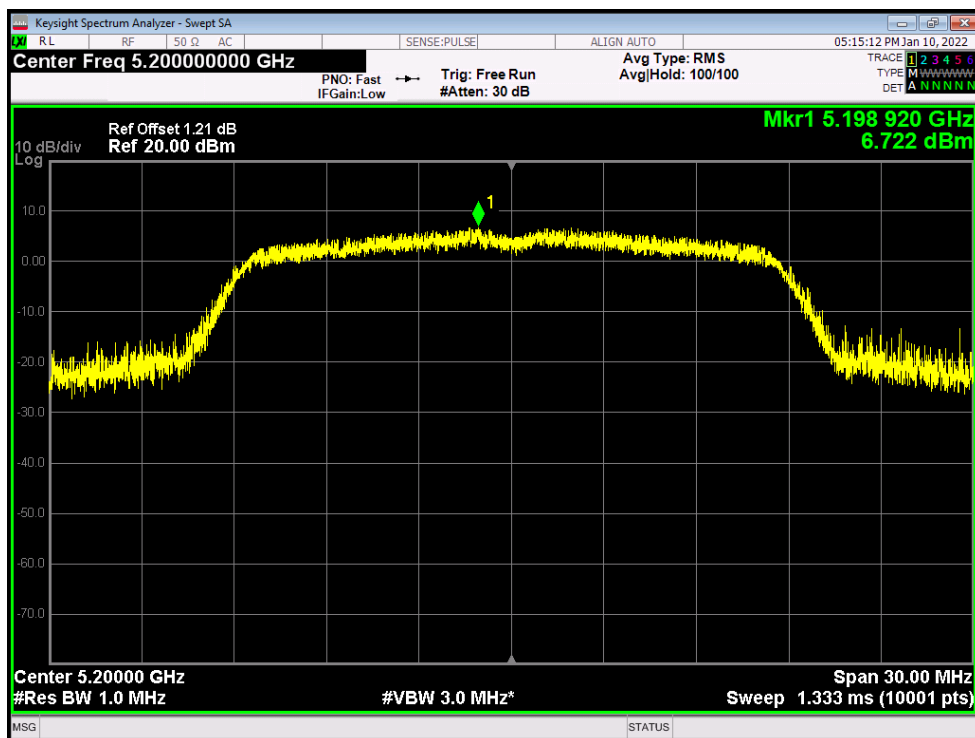
PSD NVNT ac80 5210MHz Ant1



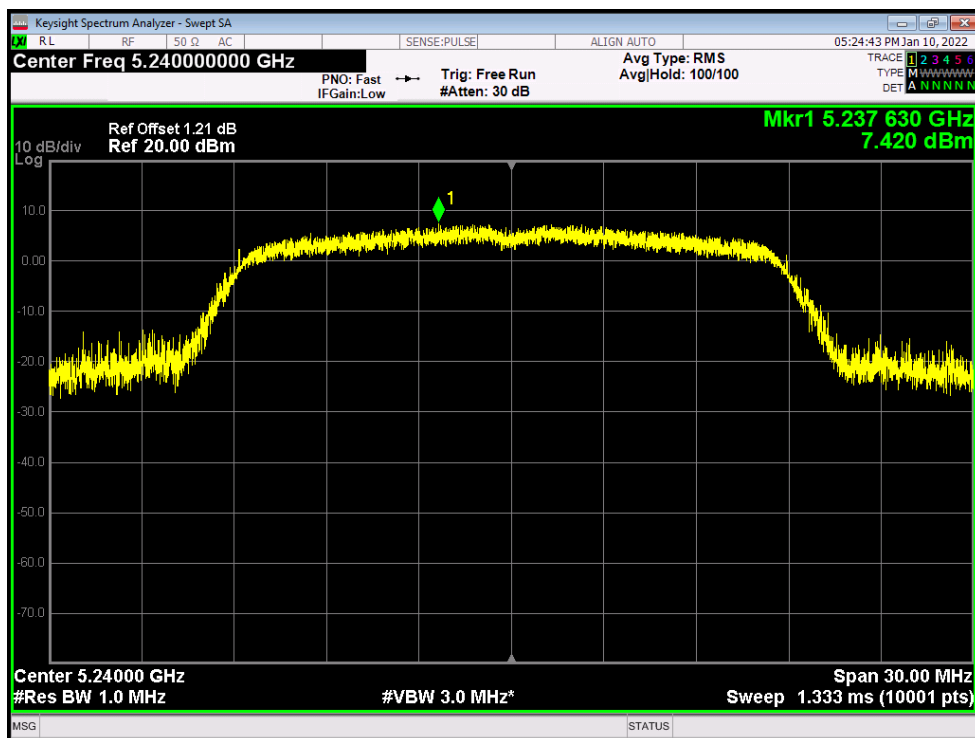
PSD NVNT n20 5180MHz Ant1



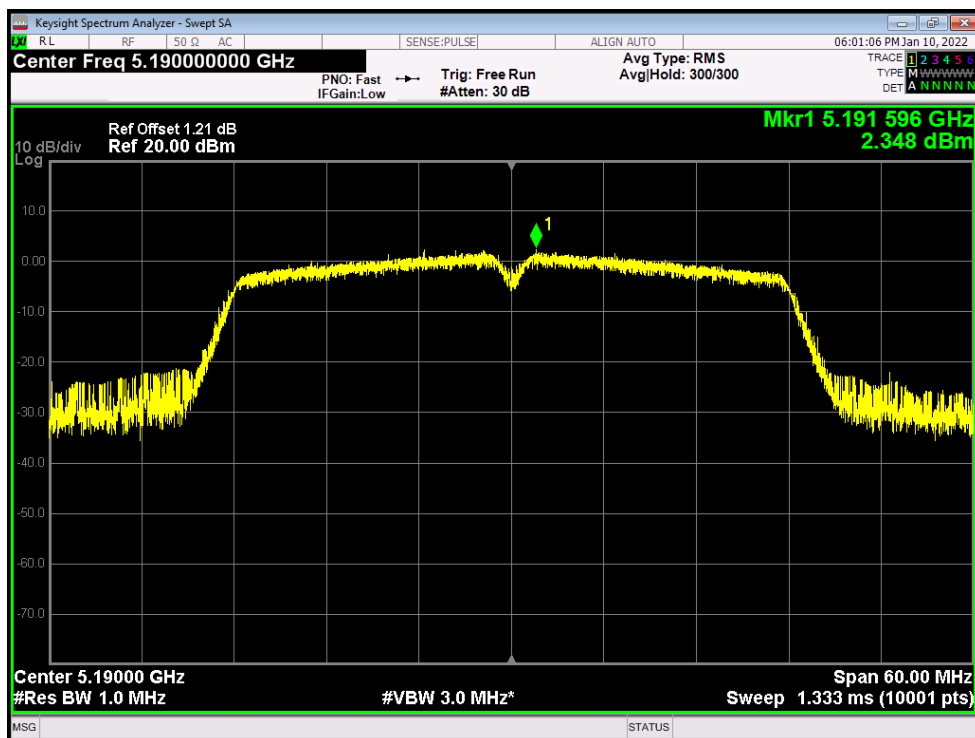
PSD NVNT n20 5200MHz Ant1



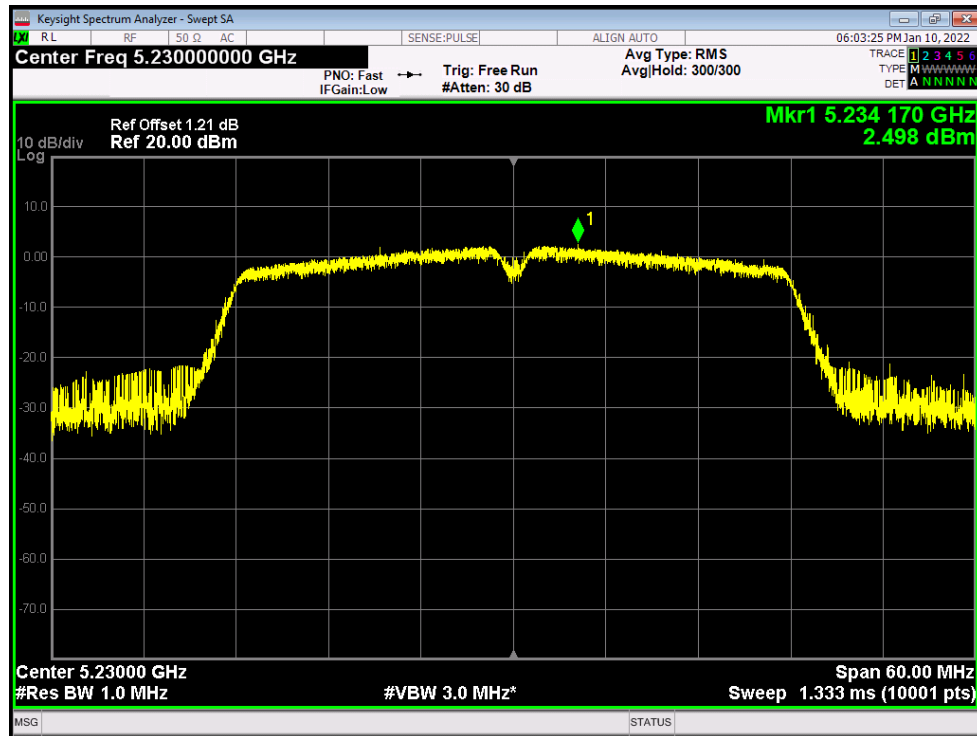
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



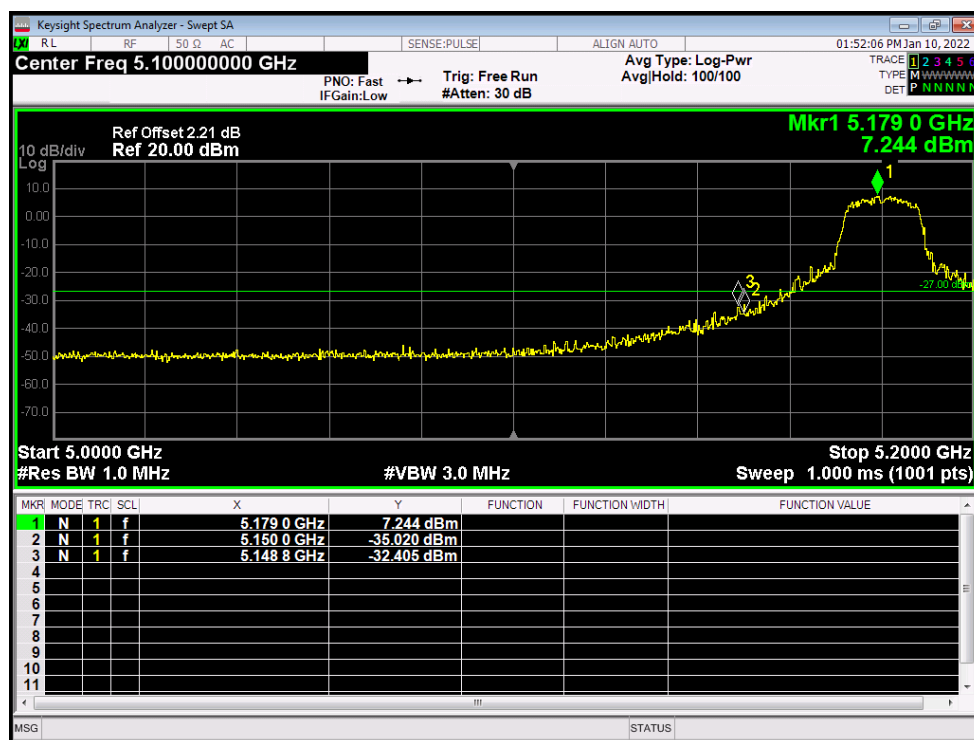
PSD NVNT n40 5230MHz Ant1



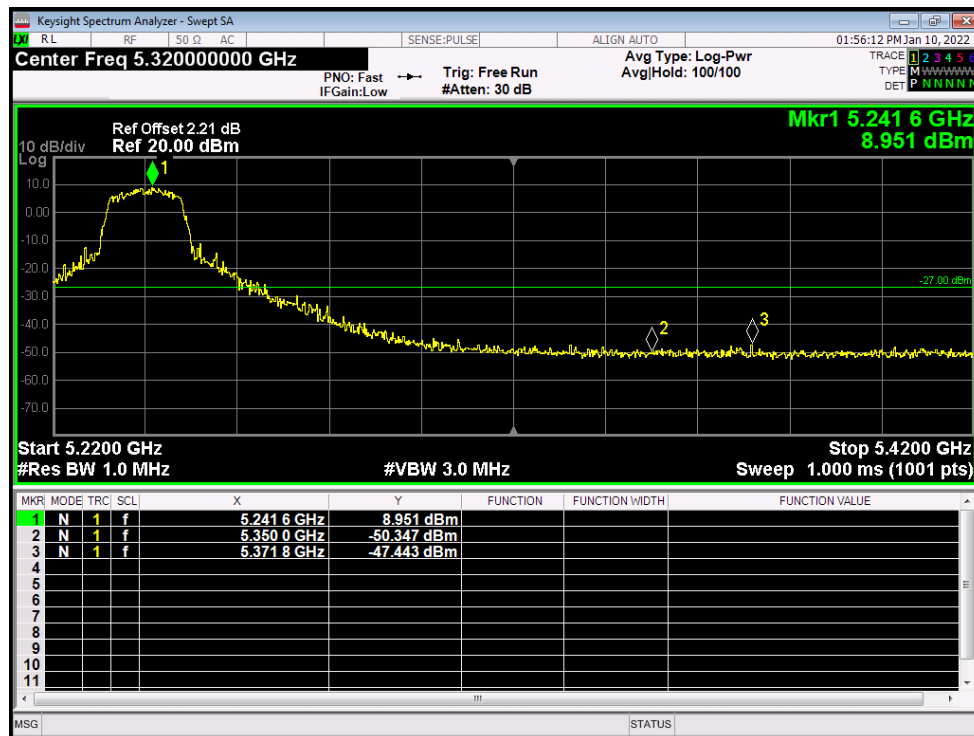
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.4	-27	Pass
NVNT	a	5240	Ant1	-47.44	-27	Pass
NVNT	ac20	5180	Ant1	-34.23	-27	Pass
NVNT	ac20	5240	Ant1	-48.11	-27	Pass
NVNT	ac40	5190	Ant1	-33.21	-27	Pass
NVNT	ac40	5230	Ant1	-55.11	-27	Pass
NVNT	ac80	5210	Ant1	-46.02	-27	Pass
NVNT	n20	5180	Ant1	-33.93	-27	Pass
NVNT	n20	5240	Ant1	-47.63	-27	Pass
NVNT	n40	5190	Ant1	-30.75	-27	Pass
NVNT	n40	5230	Ant1	-47.43	-27	Pass

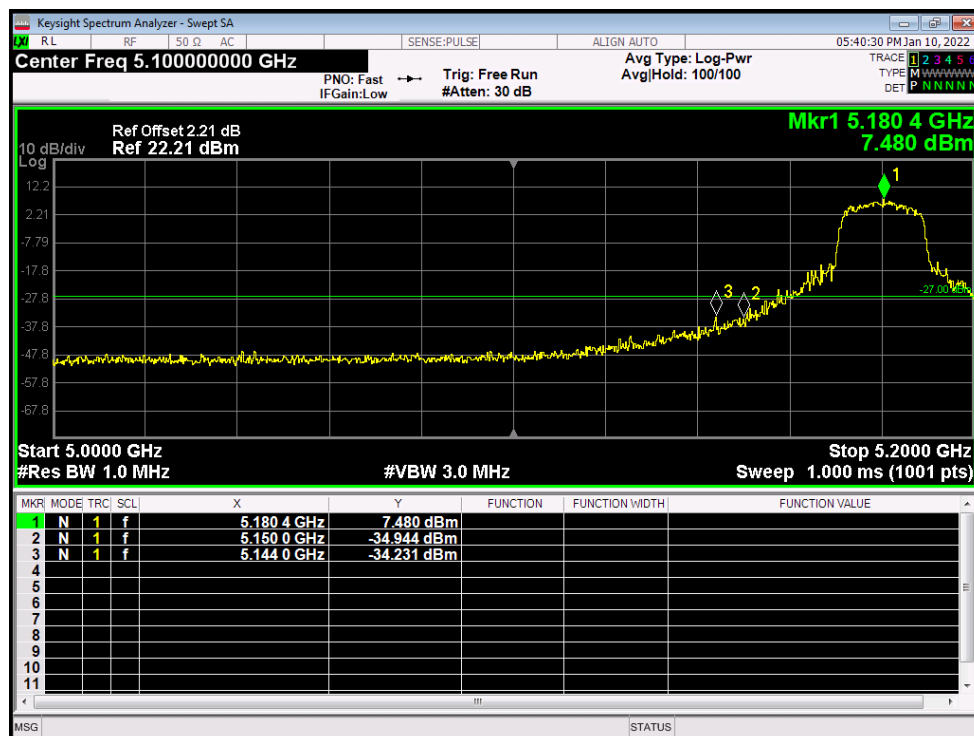
Band Edge NVNT a 5180MHz Low Ant1



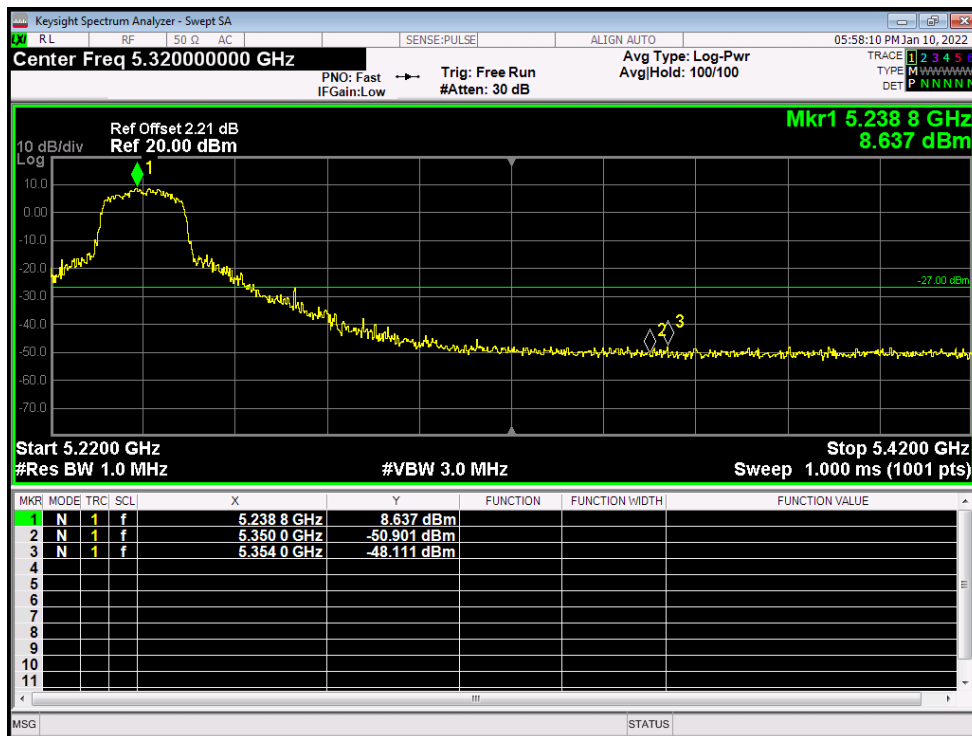
Band Edge NVNT a 5240MHz High Ant1



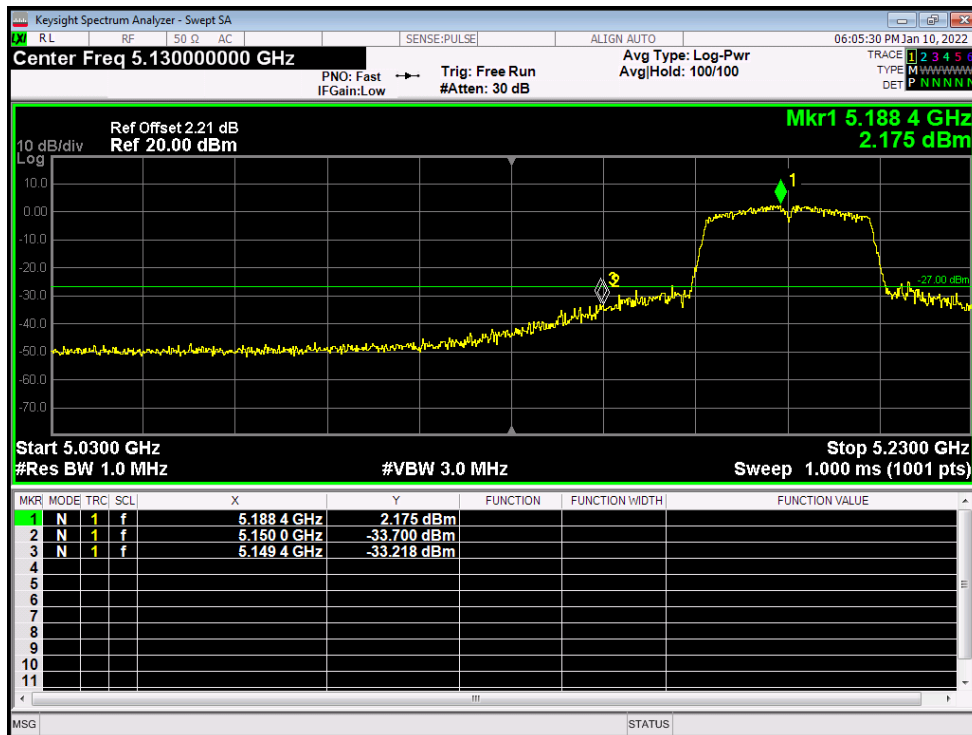
Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant1



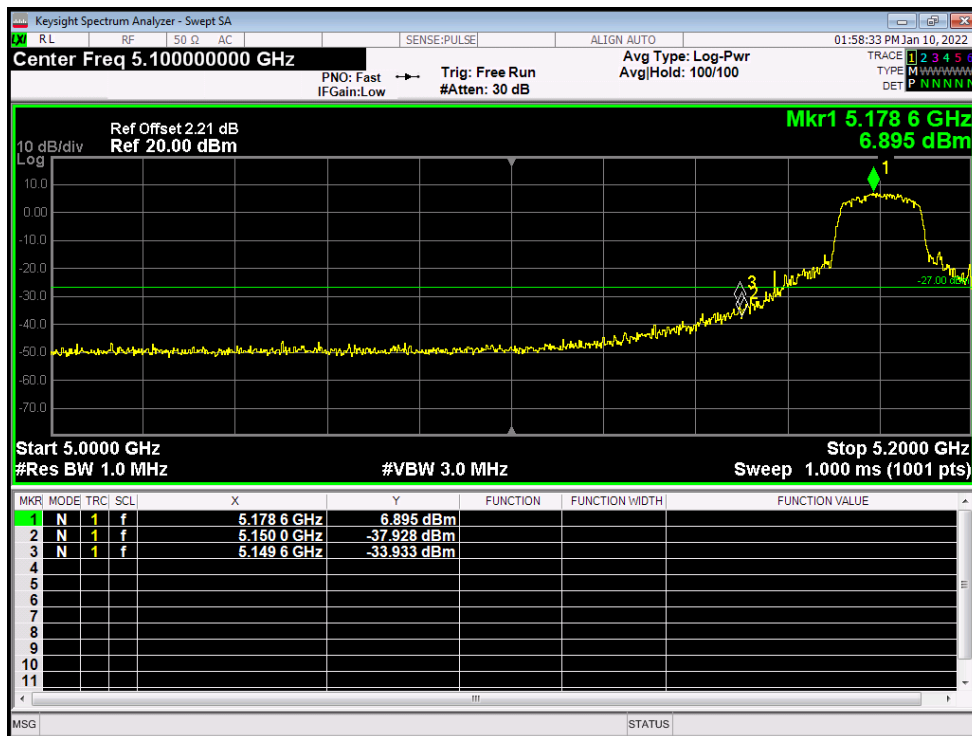
Band Edge NVNT ac40 5230MHz High Ant1



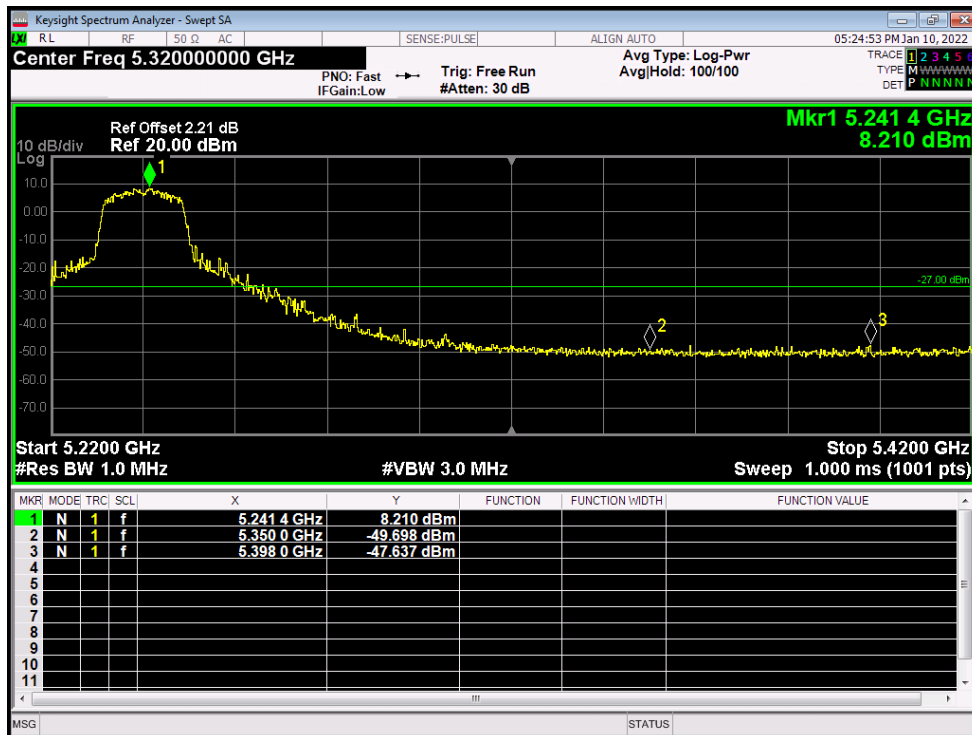
Band Edge NVNT ac80 5210MHz High Ant1



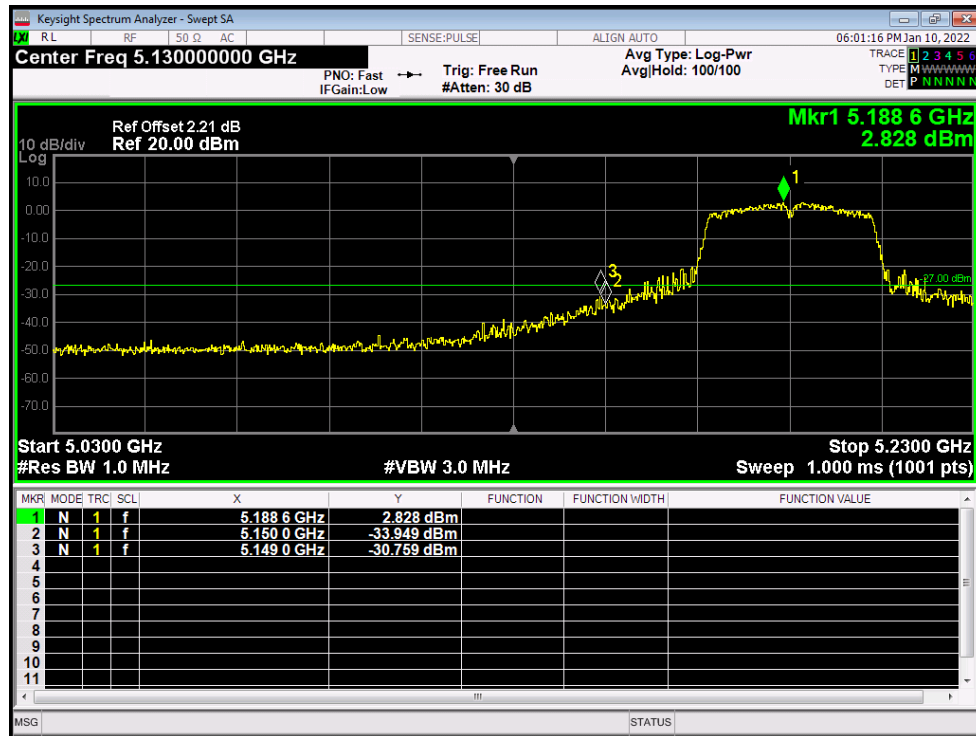
Band Edge NVNT n20 5180MHz Low Ant1



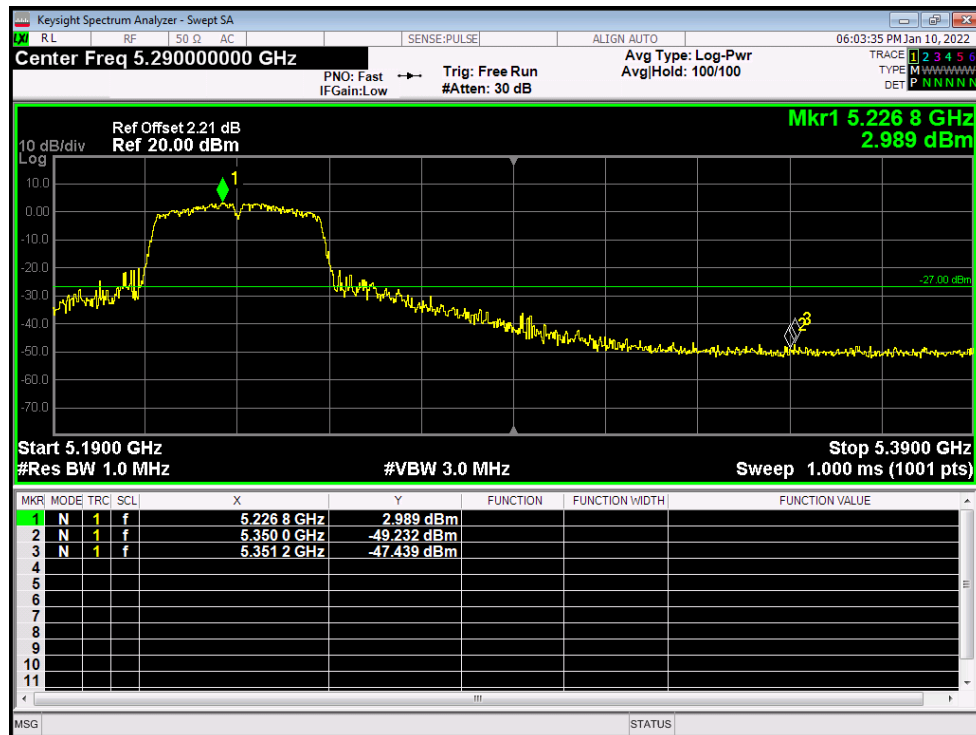
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



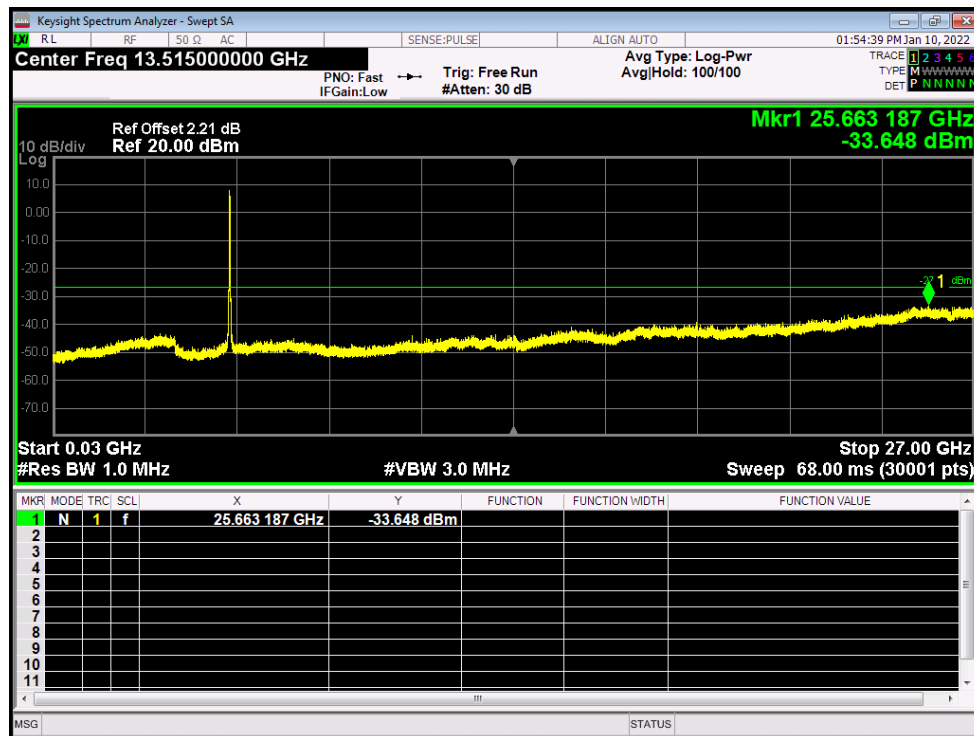
Band Edge NVNT n40 5230MHz High Ant1



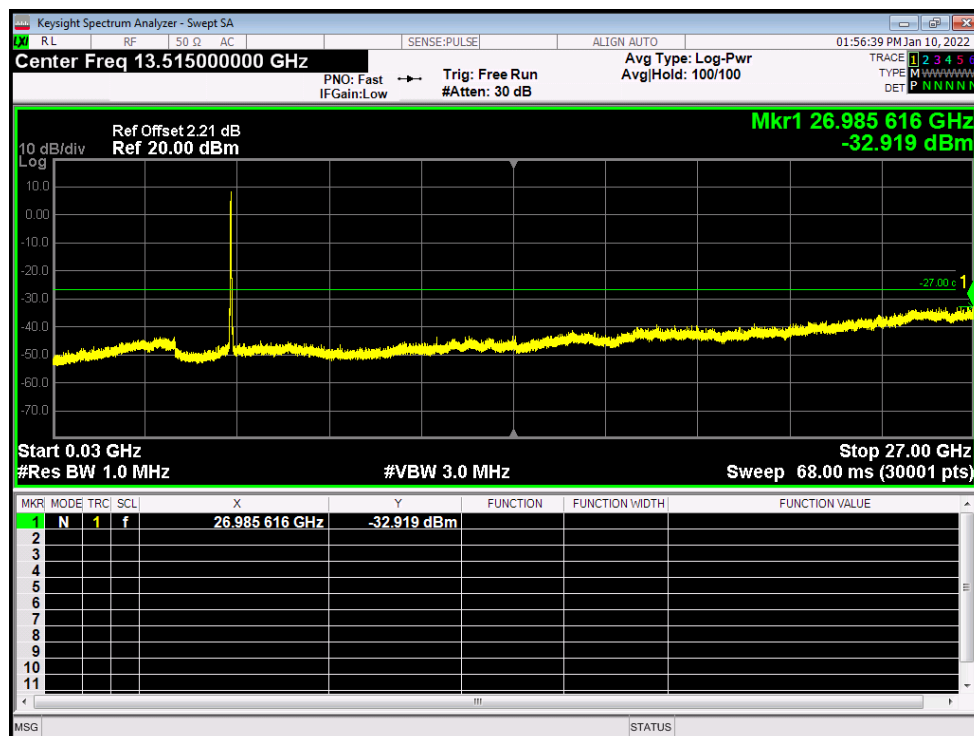
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-33.02	-27	Pass
NVNT	a	5200	Ant1	-33.64	-27	Pass
NVNT	a	5240	Ant1	-32.91	-27	Pass
NVNT	ac20	5180	Ant1	-42.21	-27	Pass
NVNT	ac20	5200	Ant1	-42.65	-27	Pass
NVNT	ac20	5240	Ant1	-41.02	-27	Pass
NVNT	ac40	5190	Ant1	-43.1	-27	Pass
NVNT	ac40	5230	Ant1	-43.44	-27	Pass
NVNT	ac80	5210	Ant1	-42.12	-27	Pass
NVNT	n20	5180	Ant1	-32.25	-27	Pass
NVNT	n20	5200	Ant1	-32.81	-27	Pass
NVNT	n20	5240	Ant1	-32.42	-27	Pass
NVNT	n40	5190	Ant1	-33.47	-27	Pass
NVNT	n40	5230	Ant1	-33.3	-27	Pass

[illegible]

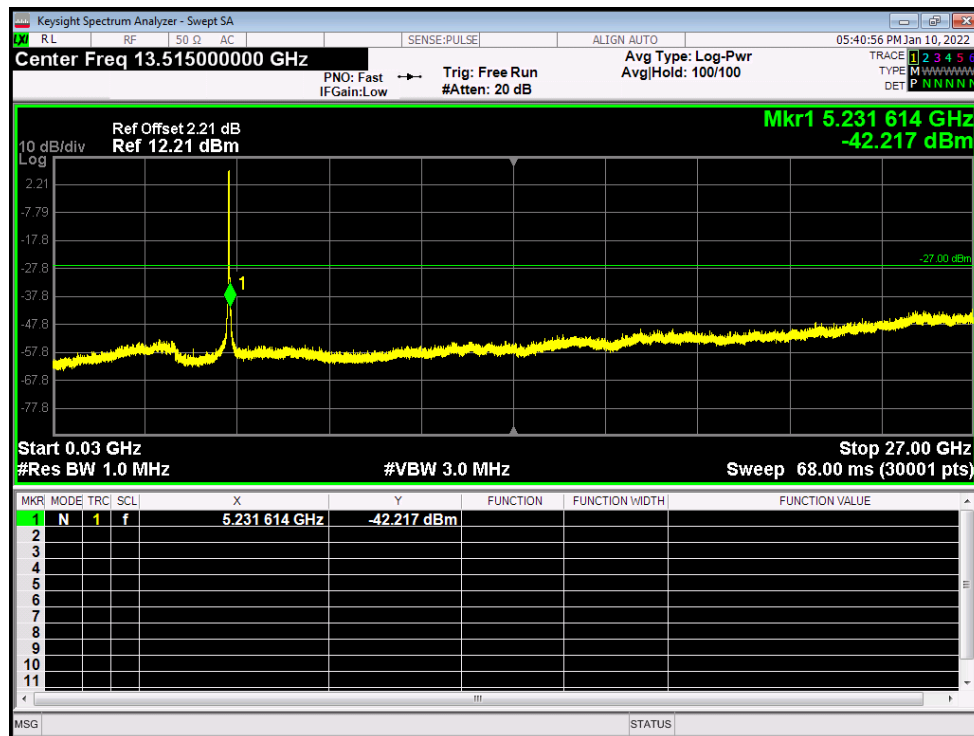
Tx. Spurious NVNT a 5200MHz Ant1 Emission



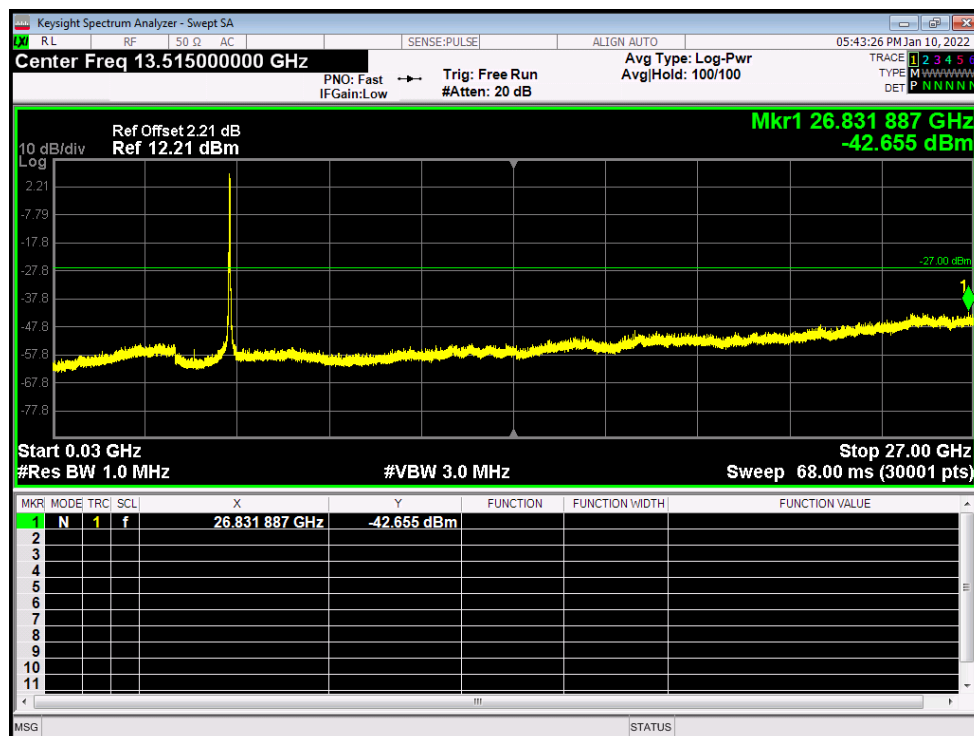
Tx. Spurious NVNT a 5240MHz Ant1 Emission



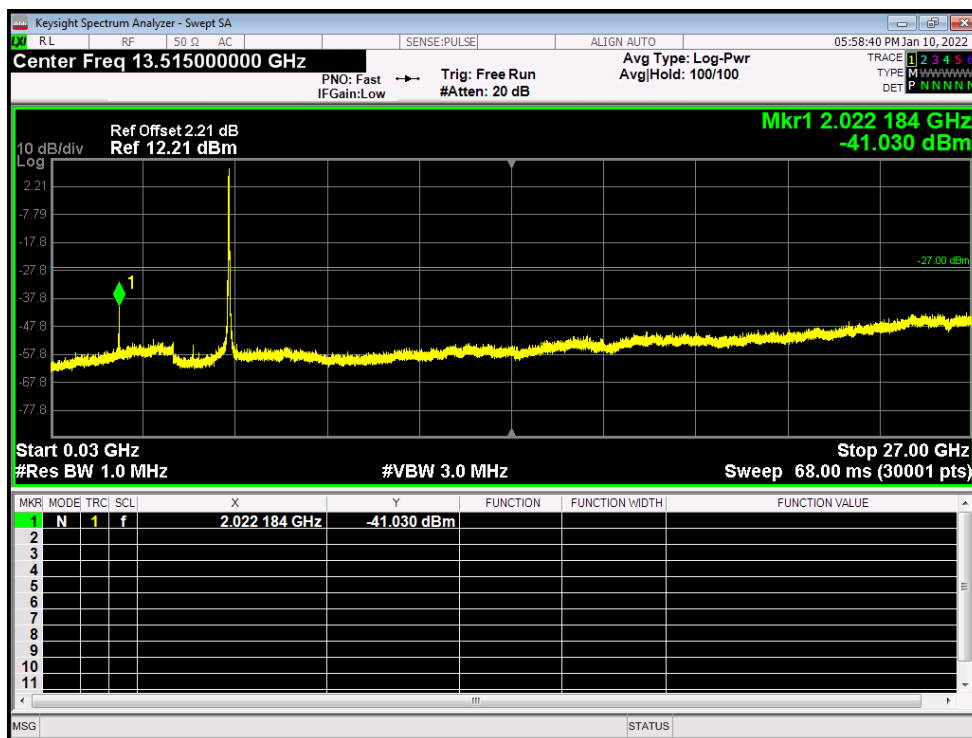
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



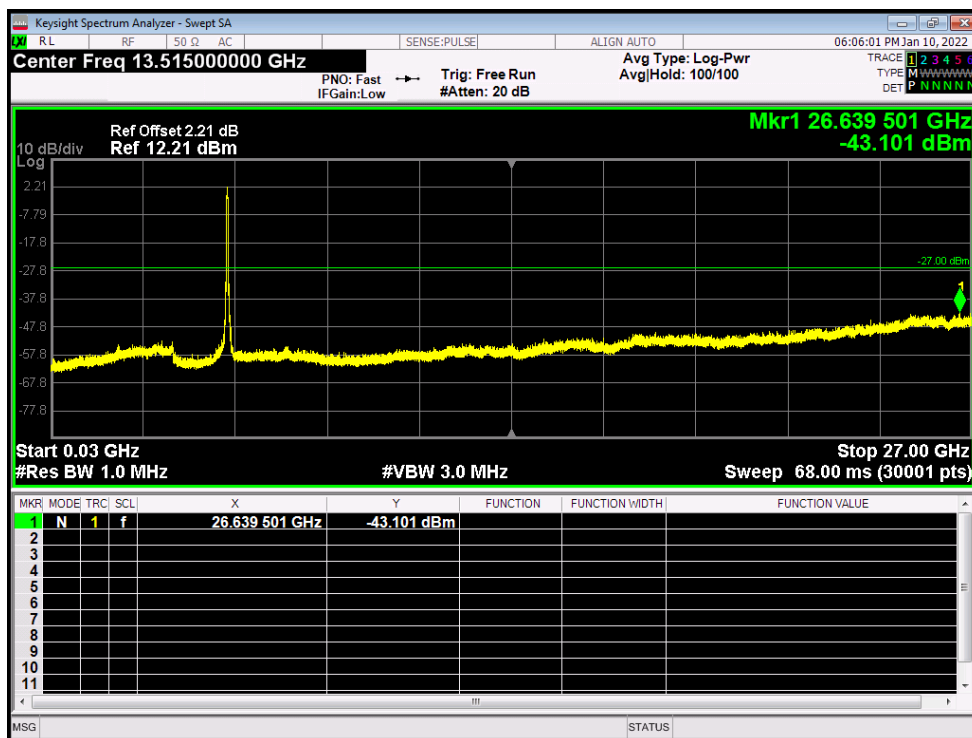
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



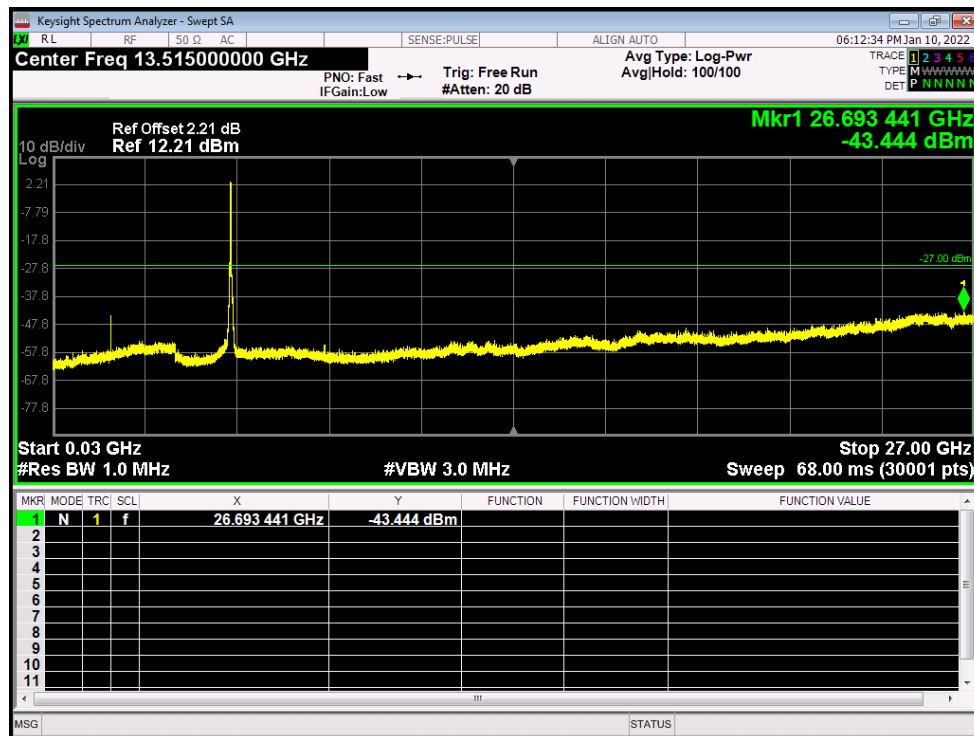
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



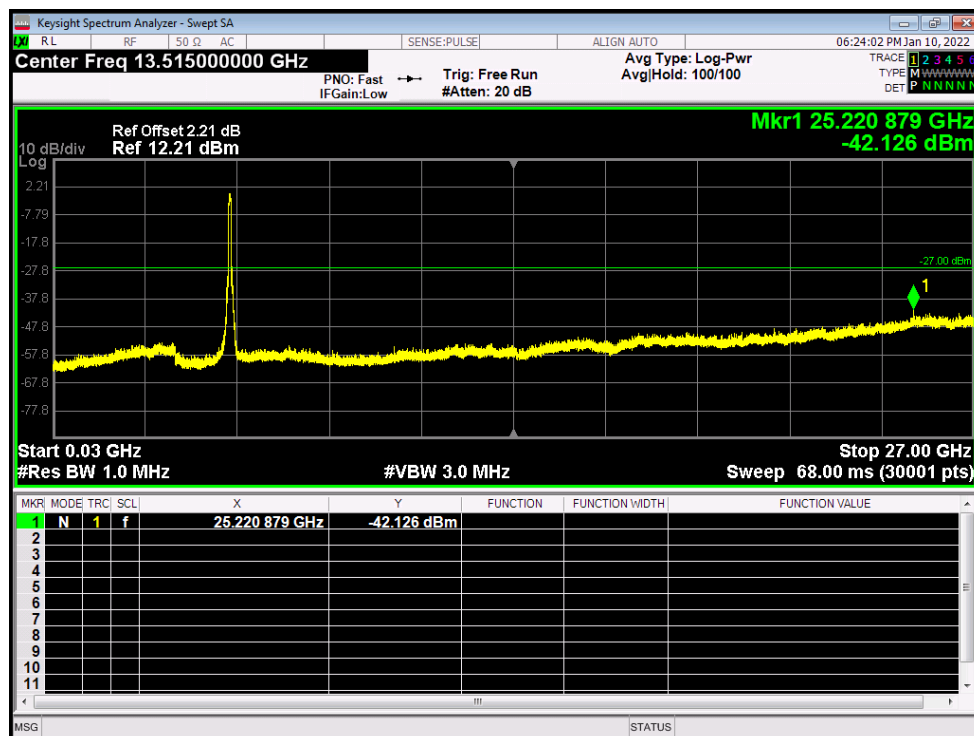
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Keysight Spectrum Analyzer - Swept SA

Center Freq 13.51500000 GHz

PNO: Fast → Trig: Free Run
IFGain:Low #Atten: 30 dB

Avg Type: Log-Pwr
AvgHld: 100/100

Ref Offset 2.21 dB
Ref 20.00 dBm

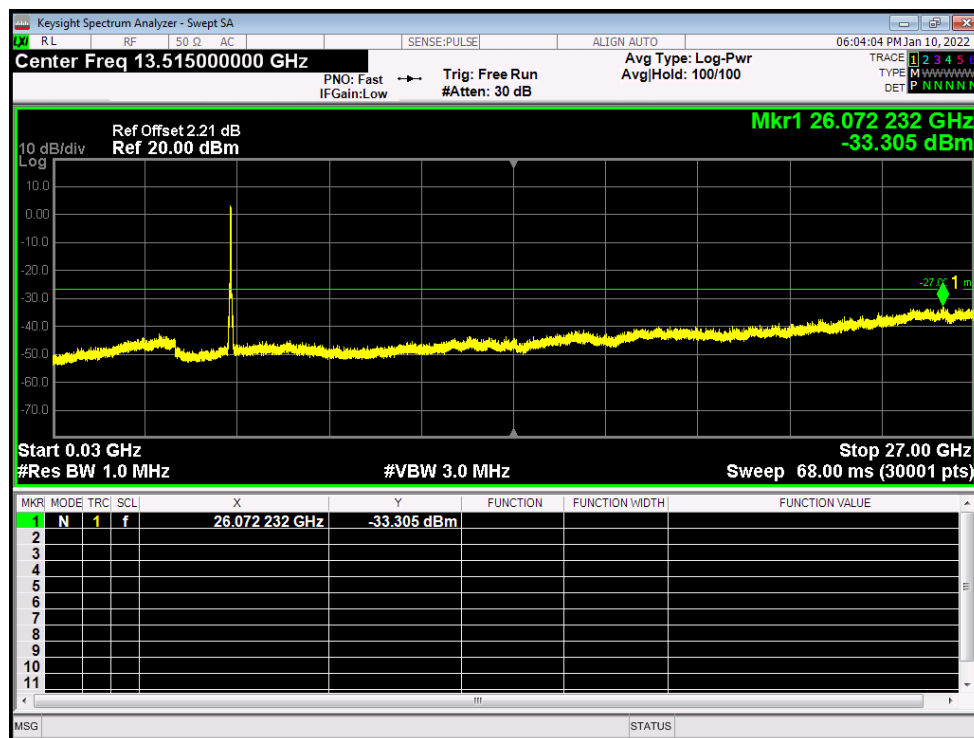
Mkr1 25.225 374 GHz
-32.258 dBm

Start 0.03 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz Stop 27.00 GHz
Sweep 68.00 ms (30001 pts)

[illegible]

[illegible][illegible]

Tx. Spurious NVNT n40 5230MHz Ant1 Emission

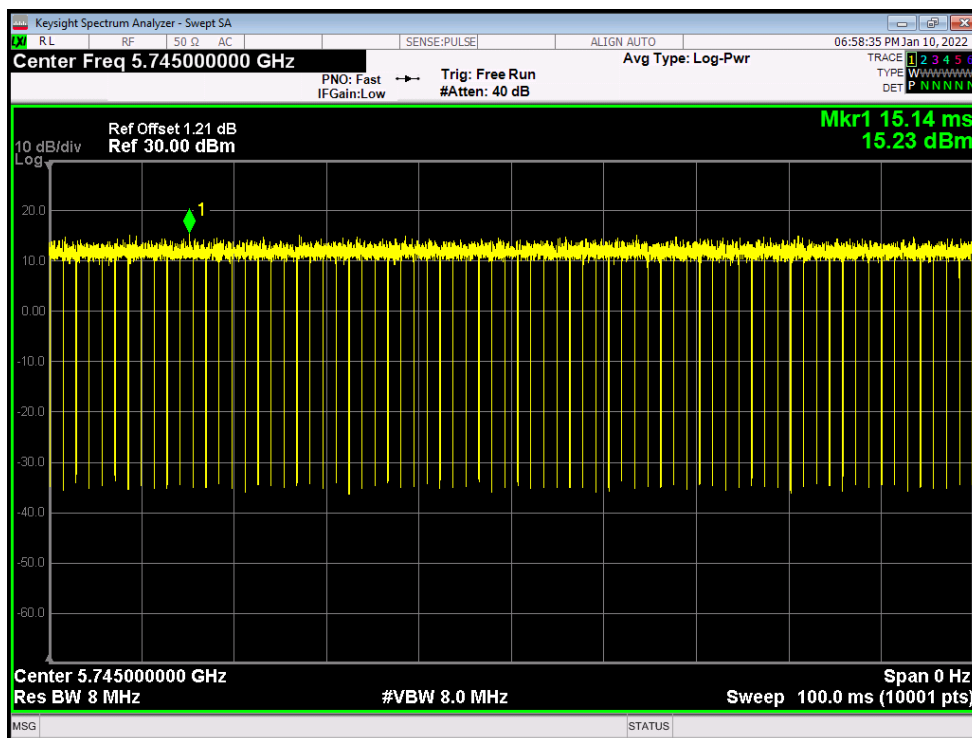


5.8G:

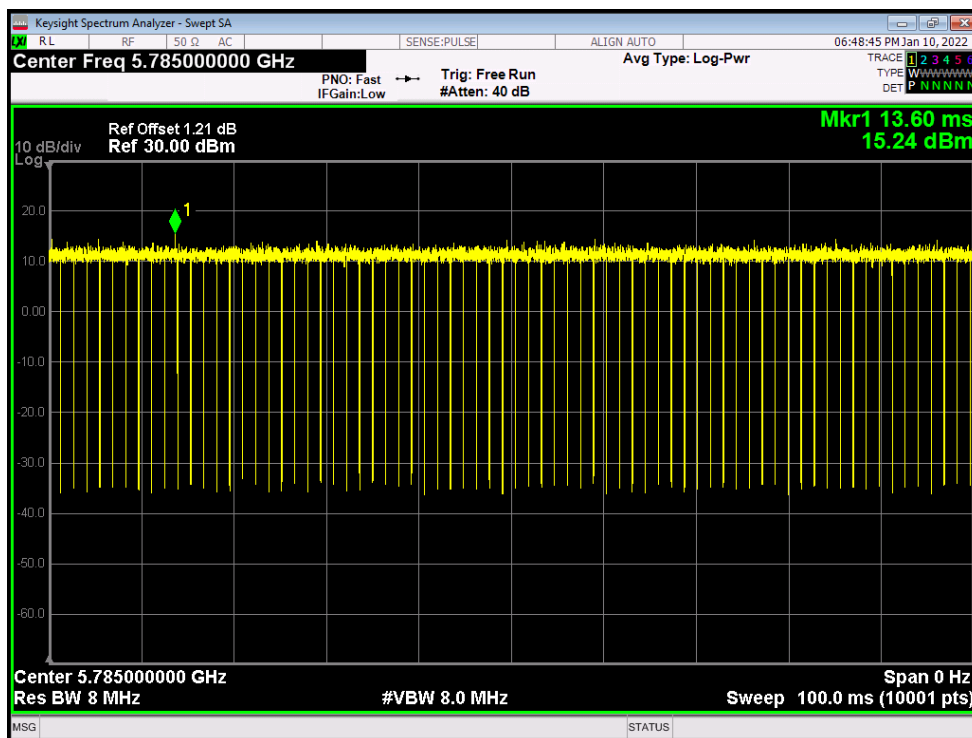
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	97.52	0.11
NVNT	a	5785	Ant1	97.54	0.11
NVNT	a	5825	Ant1	97.55	0.11
NVNT	ac20	5745	Ant1	97.37	0.12
NVNT	ac20	5785	Ant1	97.37	0.12
NVNT	ac20	5825	Ant1	97.4	0.11
NVNT	ac40	5755	Ant1	95.02	0.22
NVNT	ac40	5795	Ant1	94.99	0.22
NVNT	ac80	5775	Ant1	81.42	0.89
NVNT	n20	5745	Ant1	97.35	0.12
NVNT	n20	5785	Ant1	97.37	0.12
NVNT	n20	5825	Ant1	97.37	0.12
NVNT	n40	5755	Ant1	94.98	0.22
NVNT	n40	5795	Ant1	94.96	0.22

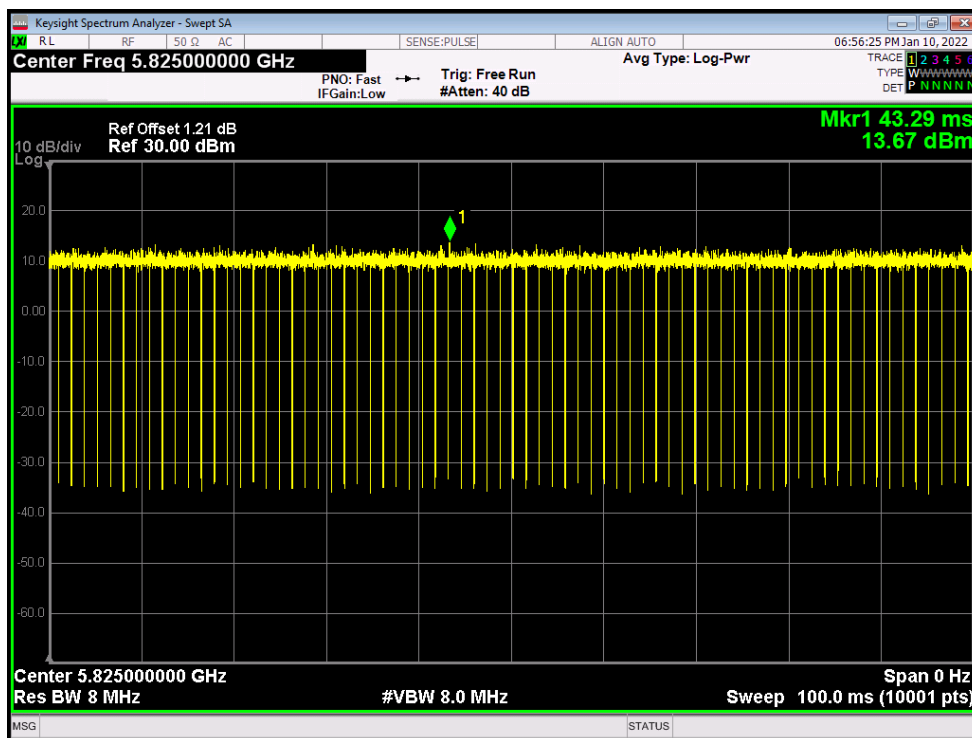
Duty Cycle NVNT a 5745MHz Ant1



Duty Cycle NVNT a 5785MHz Ant1



Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT ac20 5745MHz Ant1

