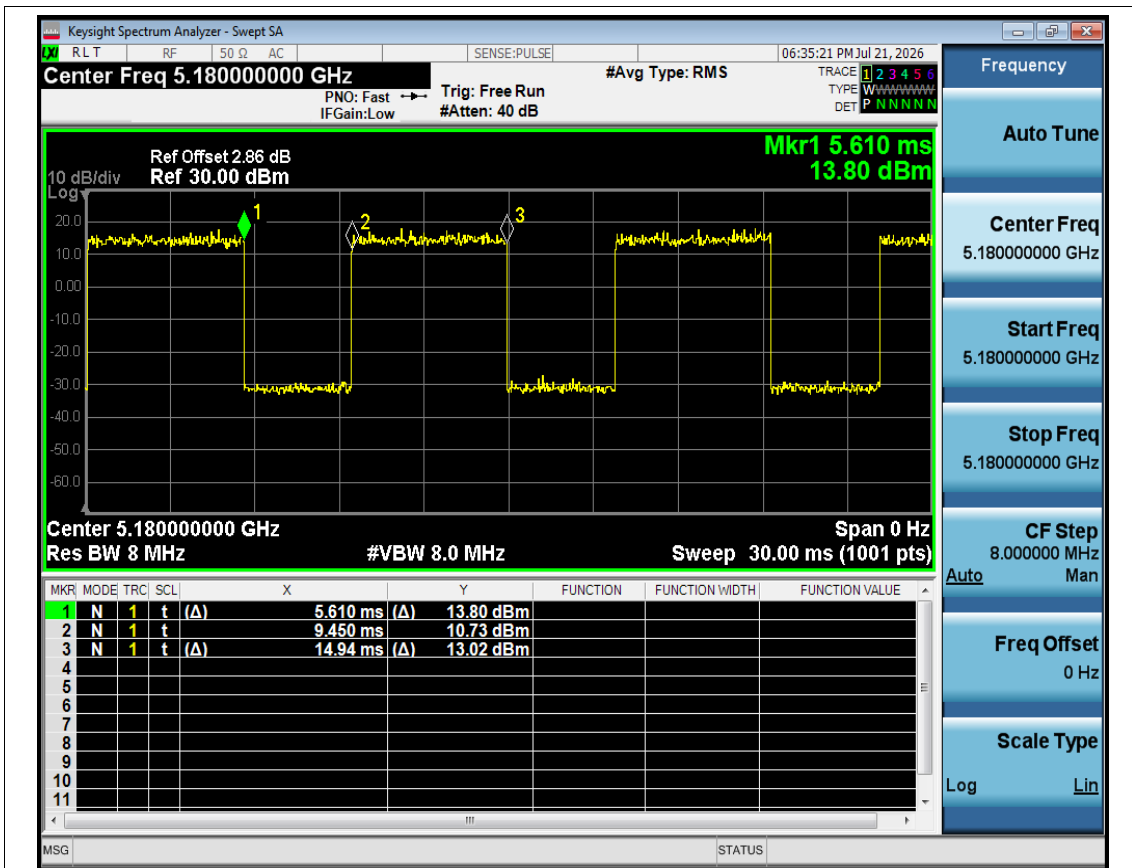


RF Test Data

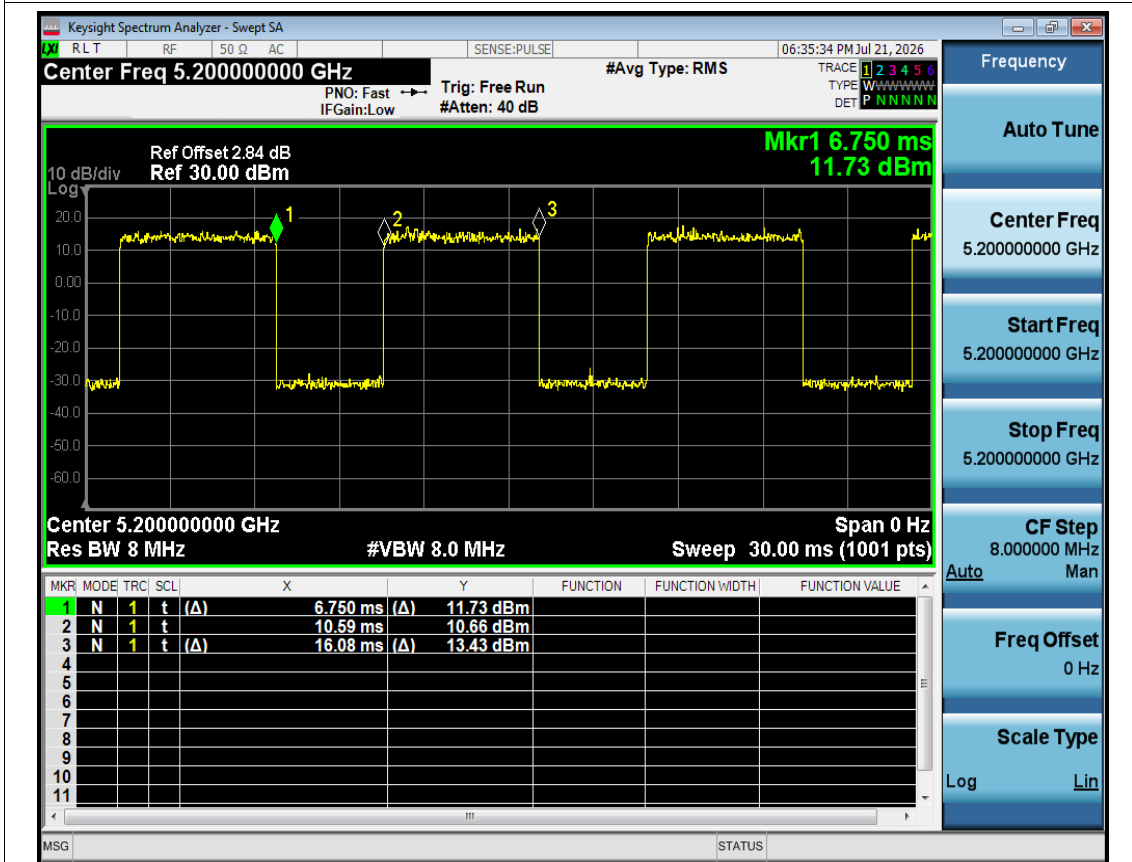
Duty Cycle.....	2
Maximum Conducted Output Power	10
-26dB Bandwidth.....	11
Occupied Channel Bandwidth.....	19
Maximum Power Spectral Density Level	25
Band Edge	33
Frequency Stability	39
Conducted RF Spurious Emission	47

Duty Cycle

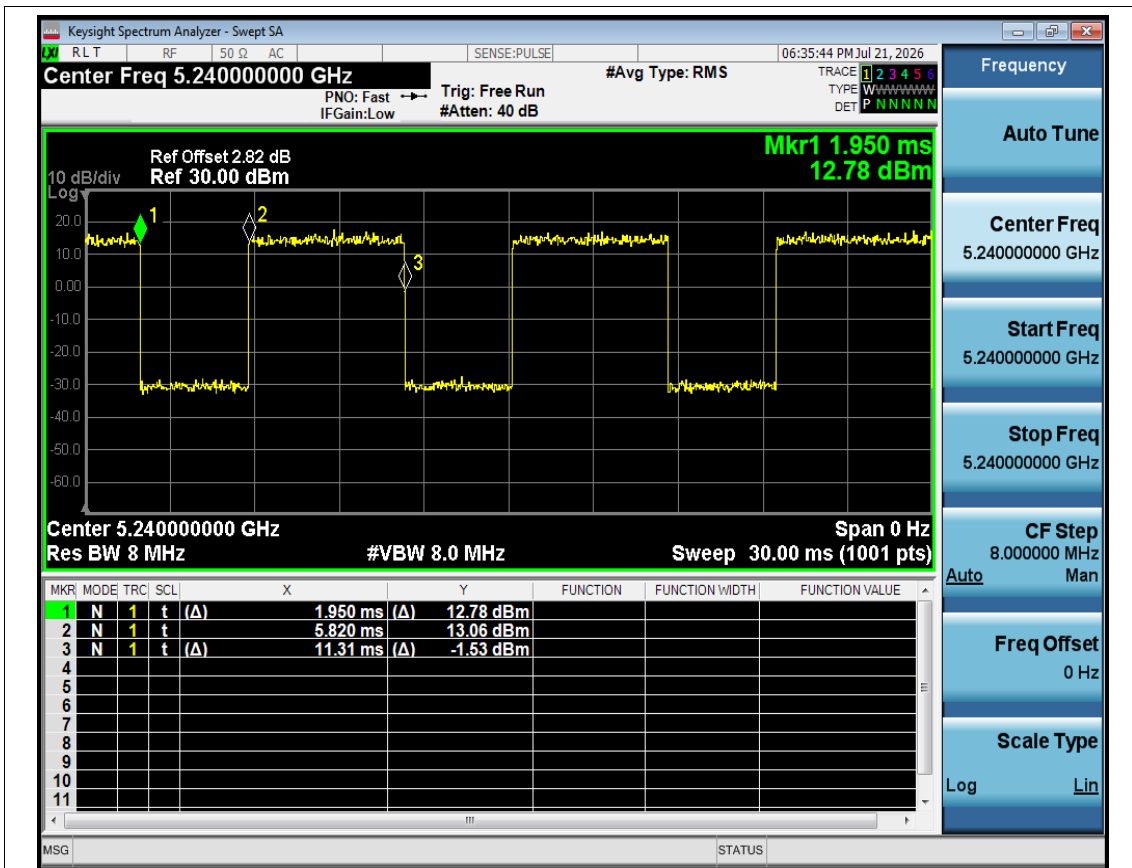
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	58.84	2.3	0.18
NVNT	a	5200	Ant1	58.84	2.3	0.18
NVNT	a	5240	Ant1	58.65	2.32	0.18
NVNT	n20	5180	Ant1	57.37	2.41	0.19
NVNT	n20	5200	Ant1	57.56	2.4	0.19
NVNT	n20	5240	Ant1	57.56	2.4	0.19
NVNT	n40	5190	Ant1	56.74	2.46	0.33
NVNT	n40	5230	Ant1	56.74	2.46	0.33
NVNT	ac20	5180	Ant1	57.56	2.4	0.19
NVNT	ac20	5200	Ant1	57.56	2.4	0.19
NVNT	ac20	5240	Ant1	57.69	2.39	0.19
NVNT	ac40	5190	Ant1	55.31	2.57	0.19
NVNT	ac40	5230	Ant1	55.31	2.57	0.19



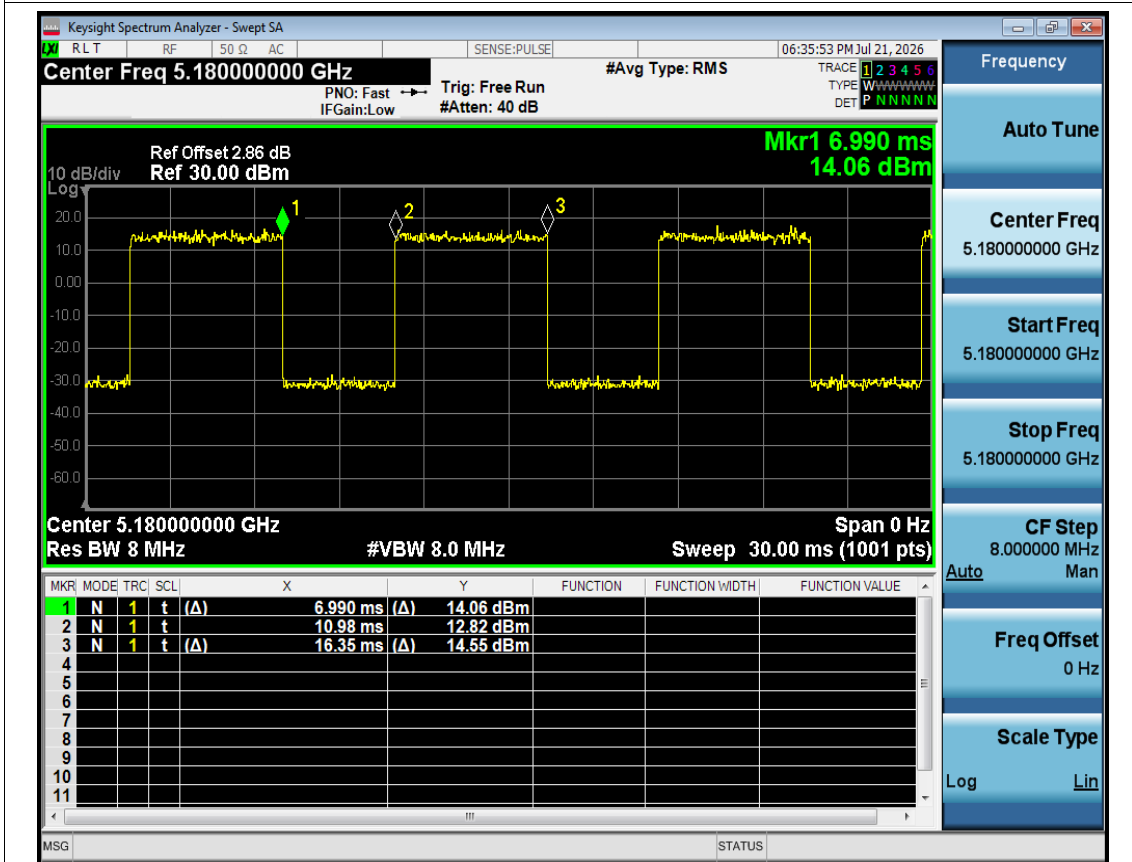
Duty Cycle NVNT a 5180MHz Ant1



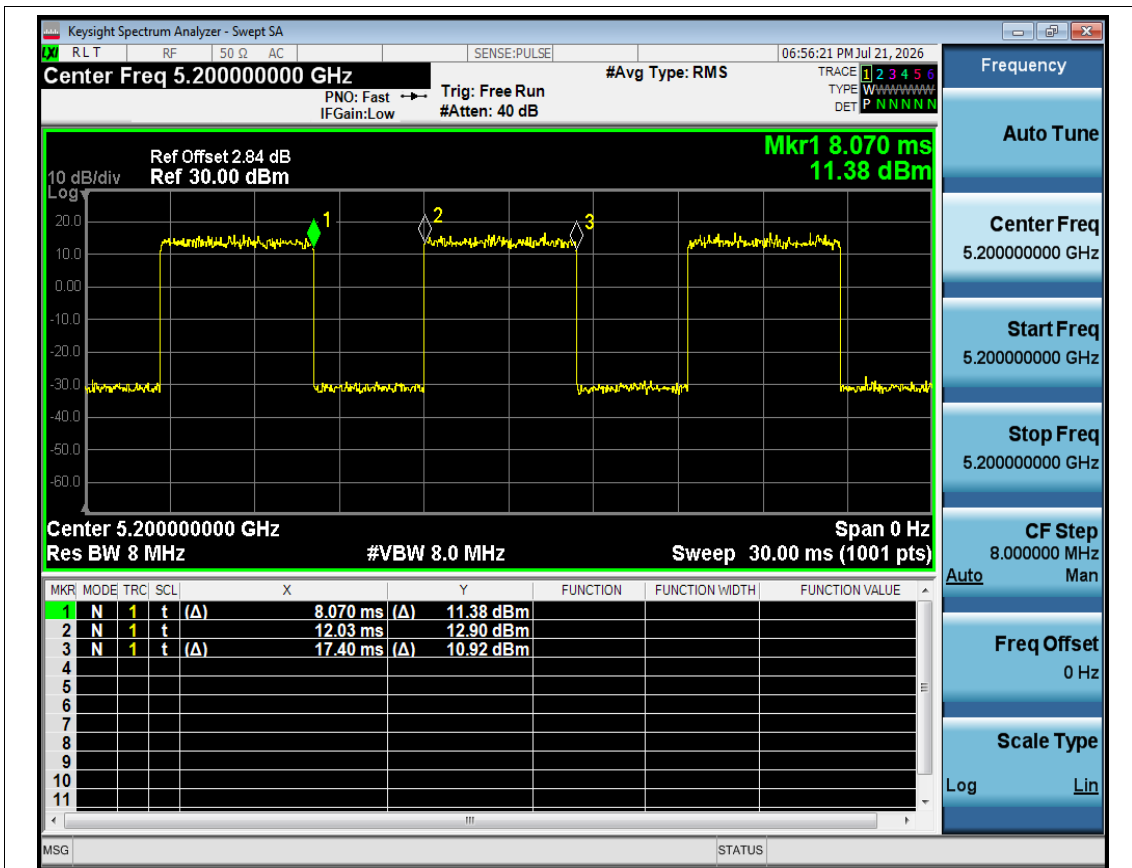
Duty Cycle NVNT a 5200MHz Ant1



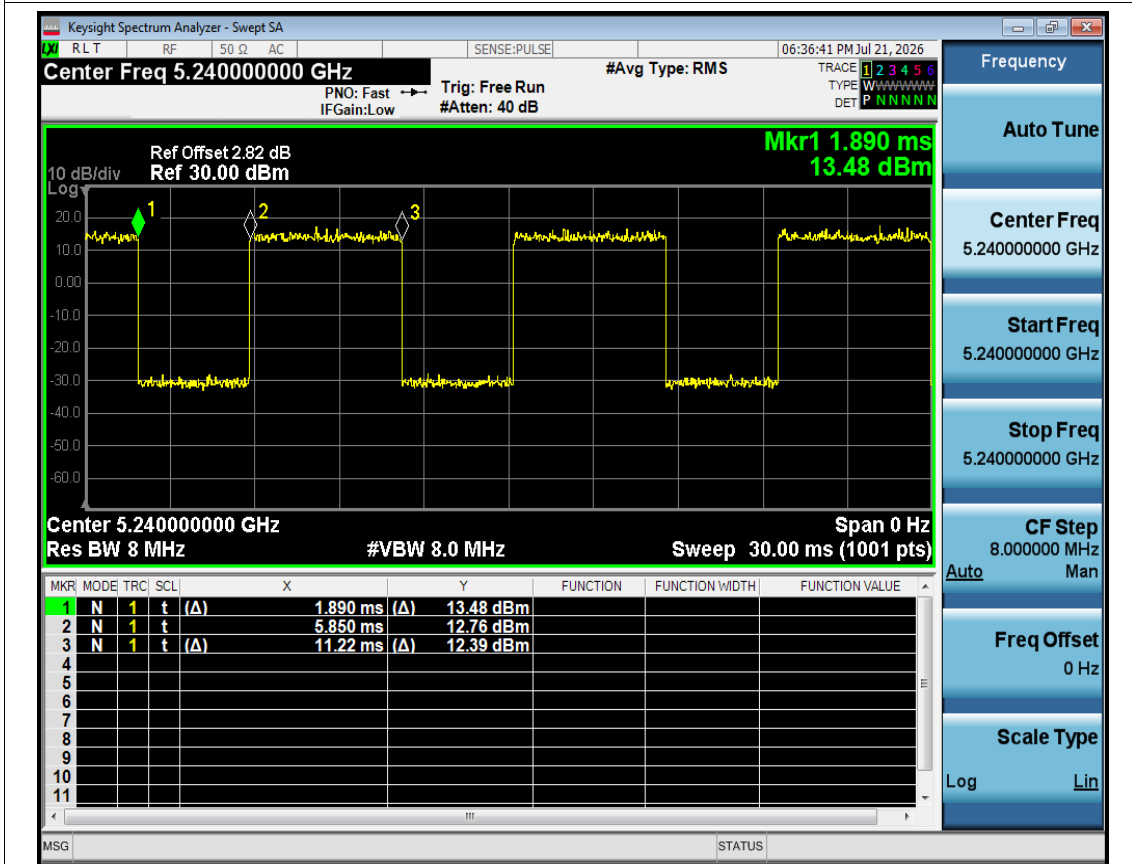
Duty Cycle NVNT a 5240MHz Ant1



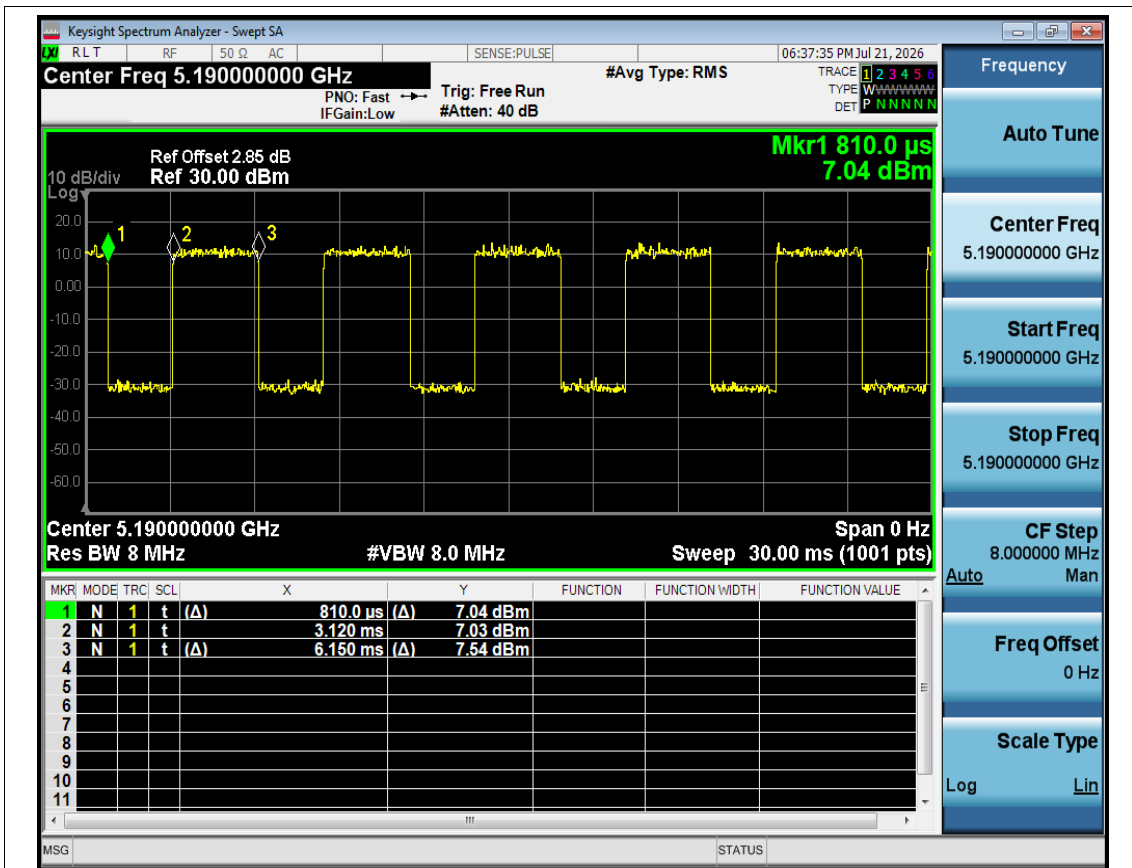
Duty Cycle NVNT n20 5180MHz Ant1



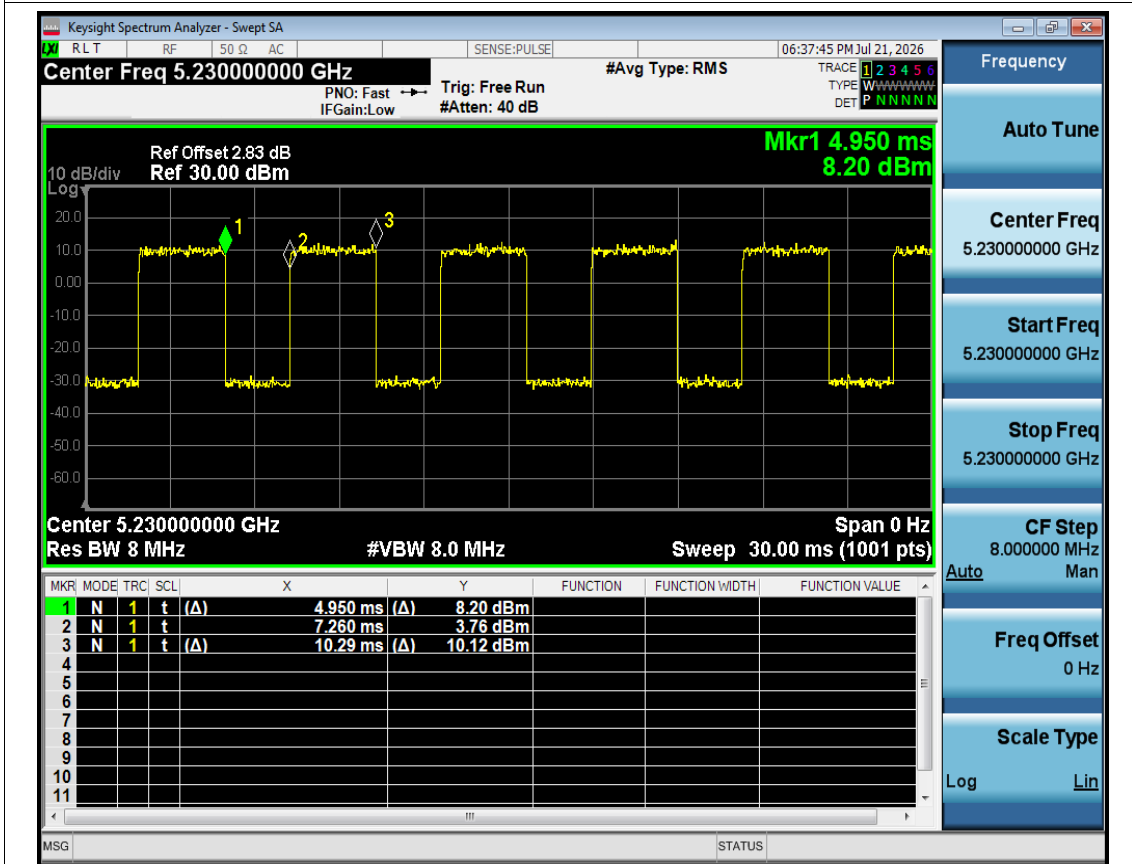
Duty Cycle NVNT n20 5200MHz Ant1



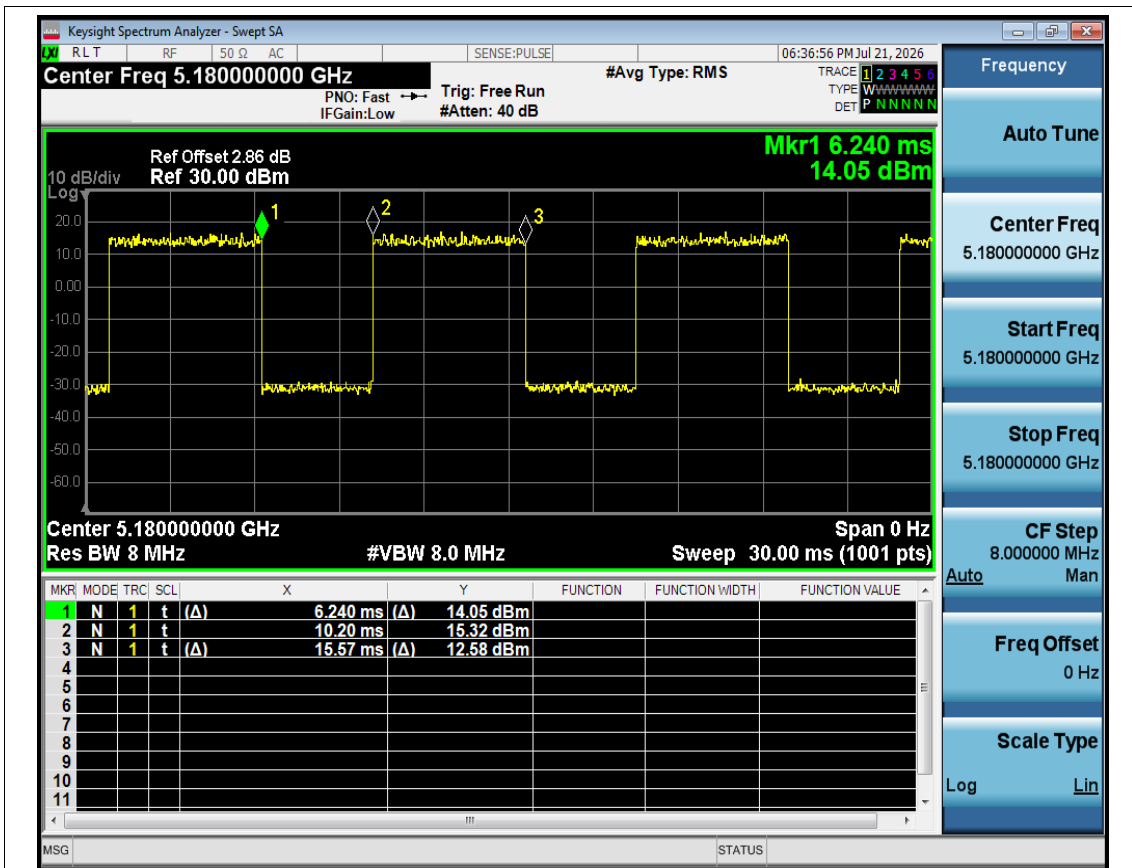
Duty Cycle NVNT n20 5240MHz Ant1



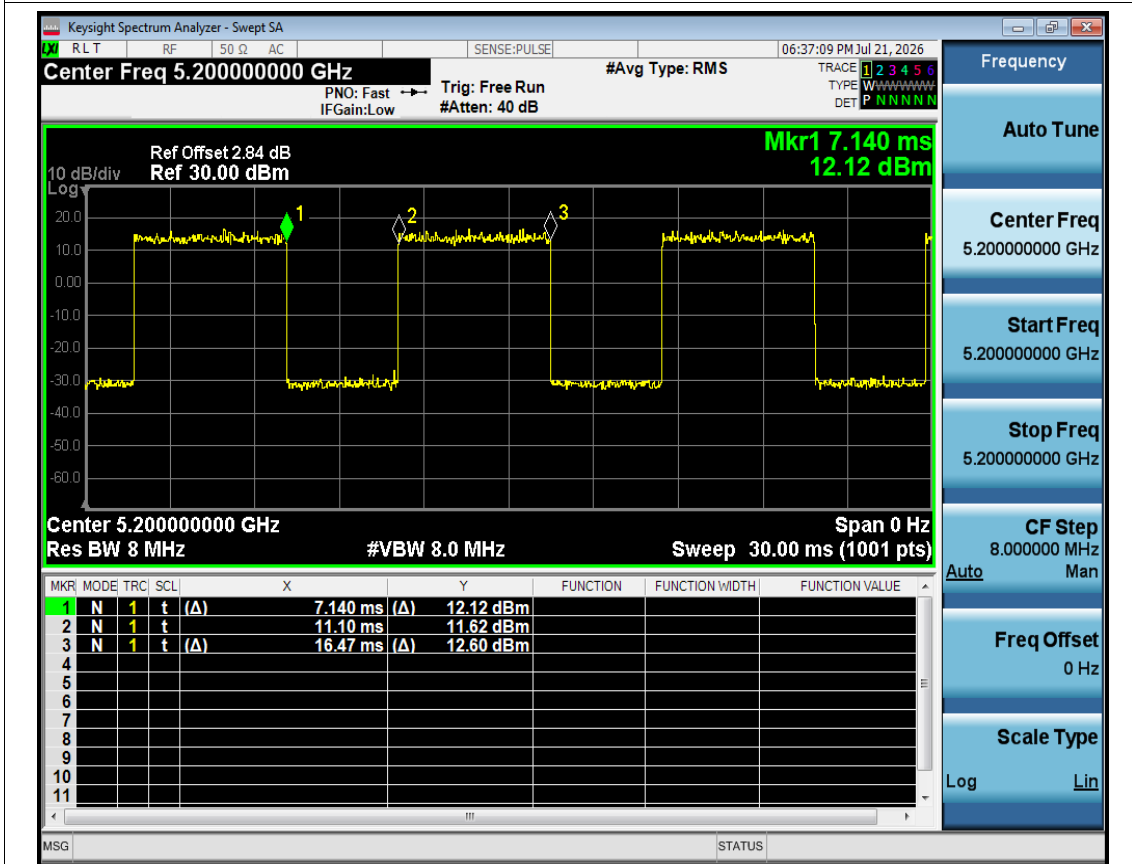
Duty Cycle NVNT n40 5190MHz Ant1



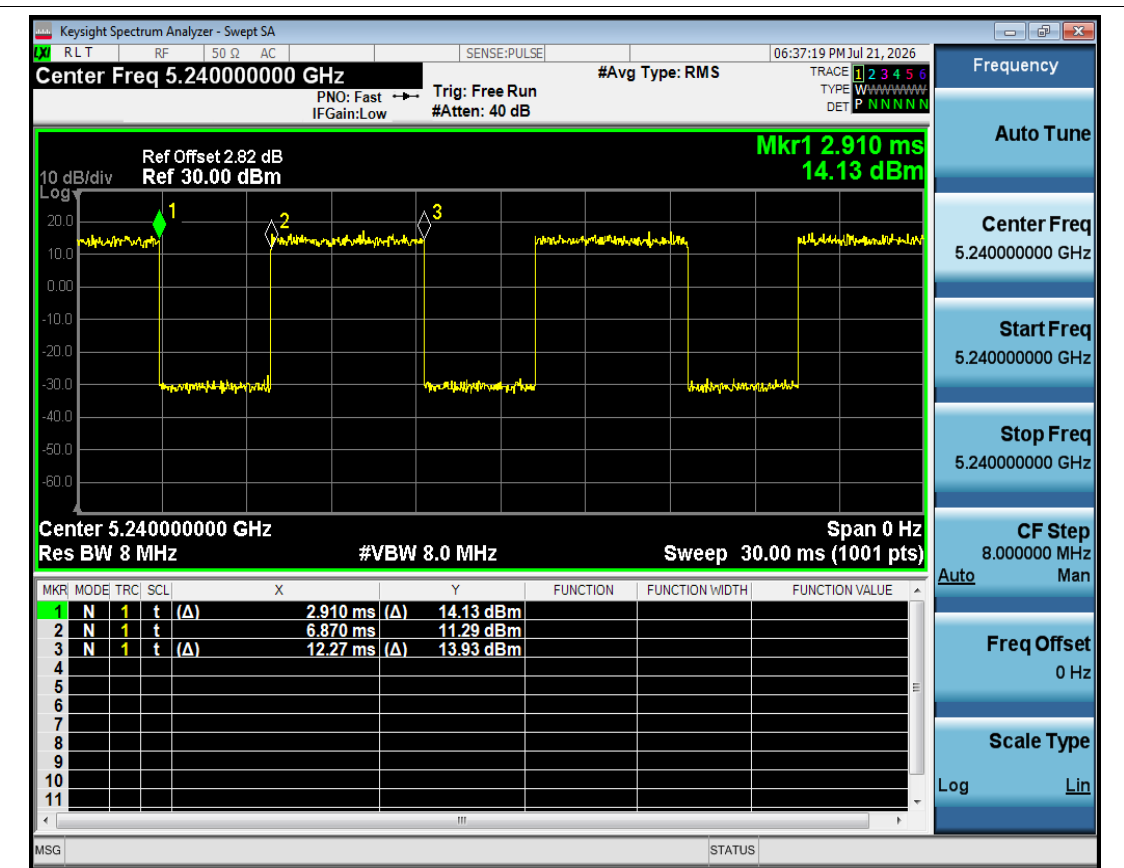
Duty Cycle NVNT n40 5230MHz Ant1



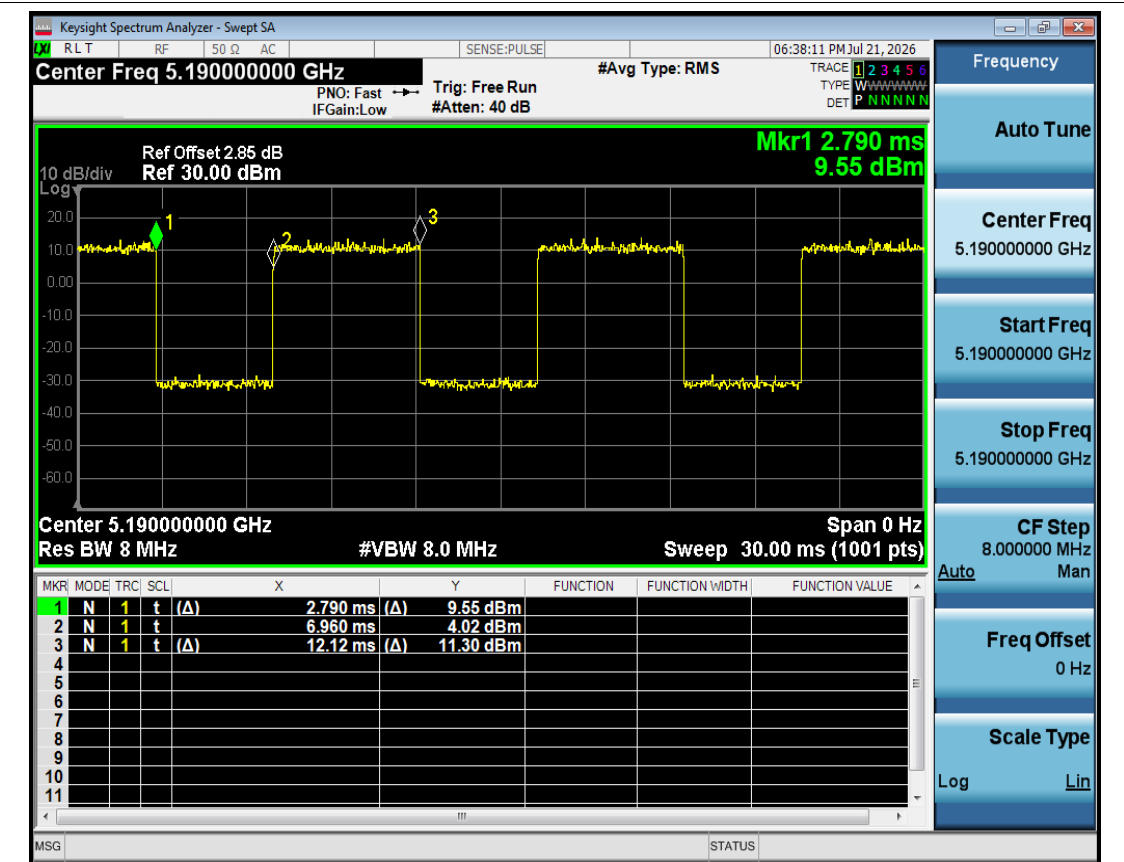
Duty Cycle NVNT ac20 5180MHz Ant1



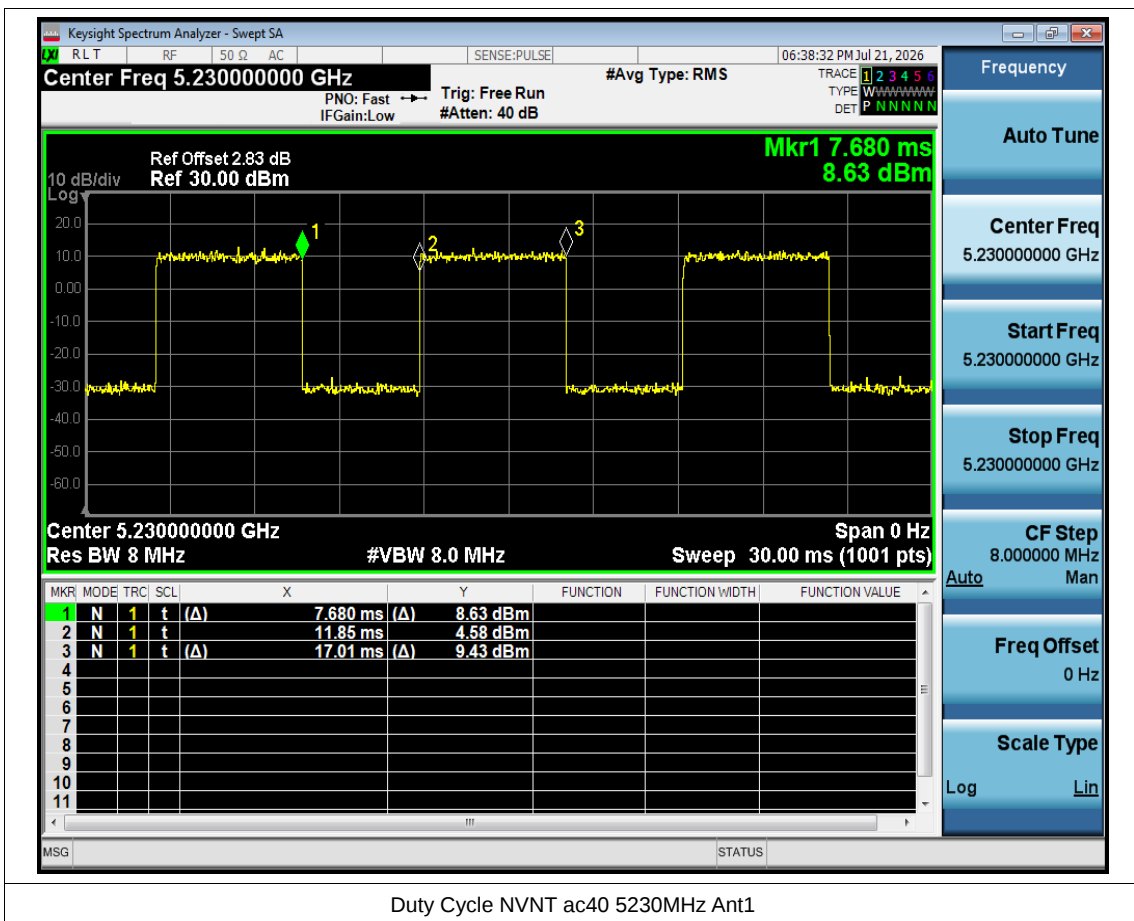
Duty Cycle NVNT ac20 5200MHz Ant1



Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



Maximum Conducted Output Power

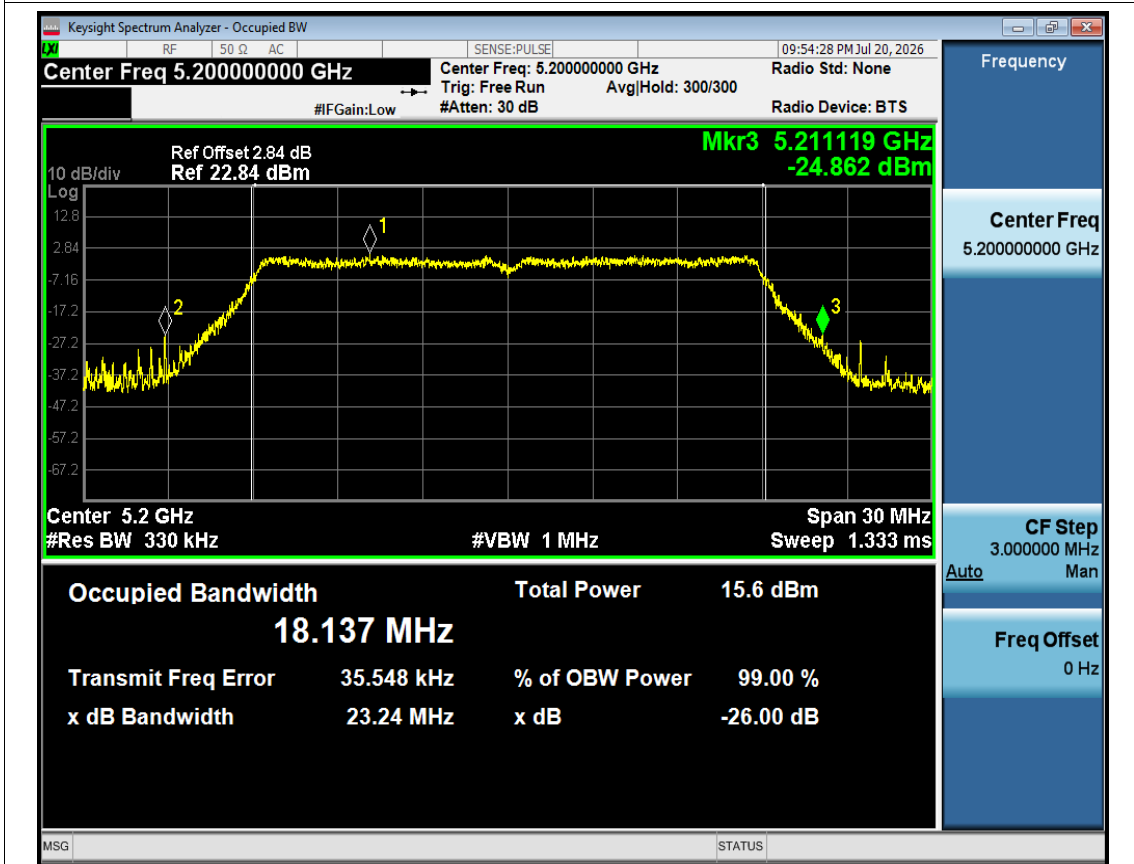
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	10	0.01	24	Pass
NVNT	a	5200	Ant1	10.14	0.01033	24	Pass
NVNT	a	5240	Ant1	10.25	0.01059	24	Pass
NVNT	n20	5180	Ant1	10.16	0.01038	24	Pass
NVNT	n20	5200	Ant1	10.16	0.01038	24	Pass
NVNT	n20	5240	Ant1	10.36	0.01086	24	Pass
NVNT	n40	5190	Ant1	10.17	0.0104	24	Pass
NVNT	n40	5230	Ant1	9.61	0.00914	24	Pass
NVNT	ac20	5180	Ant1	10.18	0.01042	24	Pass
NVNT	ac20	5200	Ant1	10.15	0.01035	24	Pass
NVNT	ac20	5240	Ant1	10.35	0.01084	24	Pass
NVNT	ac40	5190	Ant1	10.16	0.01038	24	Pass
NVNT	ac40	5230	Ant1	9.63	0.00918	24	Pass

-26dB Bandwidth

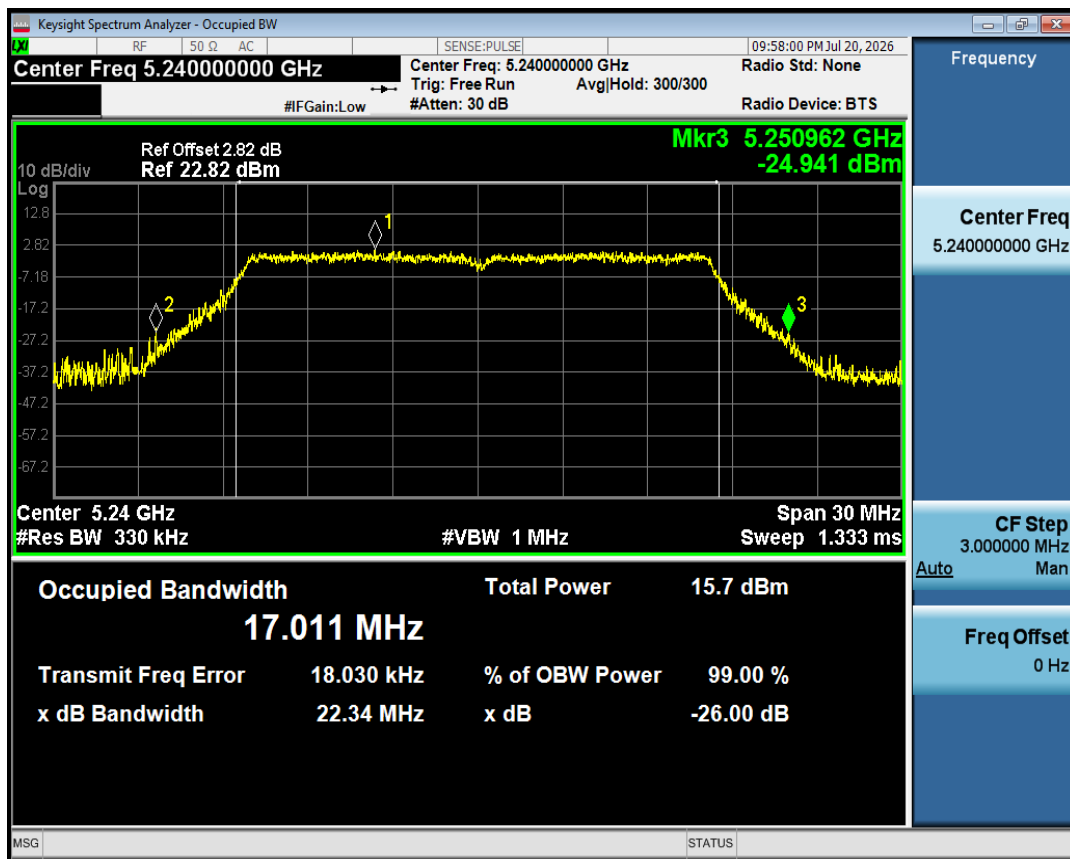
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	21.26
NVNT	a	5200	Ant1	23.24
NVNT	a	5240	Ant1	22.34
NVNT	n20	5180	Ant1	21.8
NVNT	n20	5200	Ant1	21.85
NVNT	n20	5240	Ant1	25.83
NVNT	n40	5190	Ant1	41.34
NVNT	n40	5230	Ant1	40.77
NVNT	ac20	5180	Ant1	22.17
NVNT	ac20	5200	Ant1	23.02
NVNT	ac20	5240	Ant1	24.52
NVNT	ac40	5190	Ant1	40.42
NVNT	ac40	5230	Ant1	41.08



-26dB Bandwidth NVNT a 5180MHz Ant1



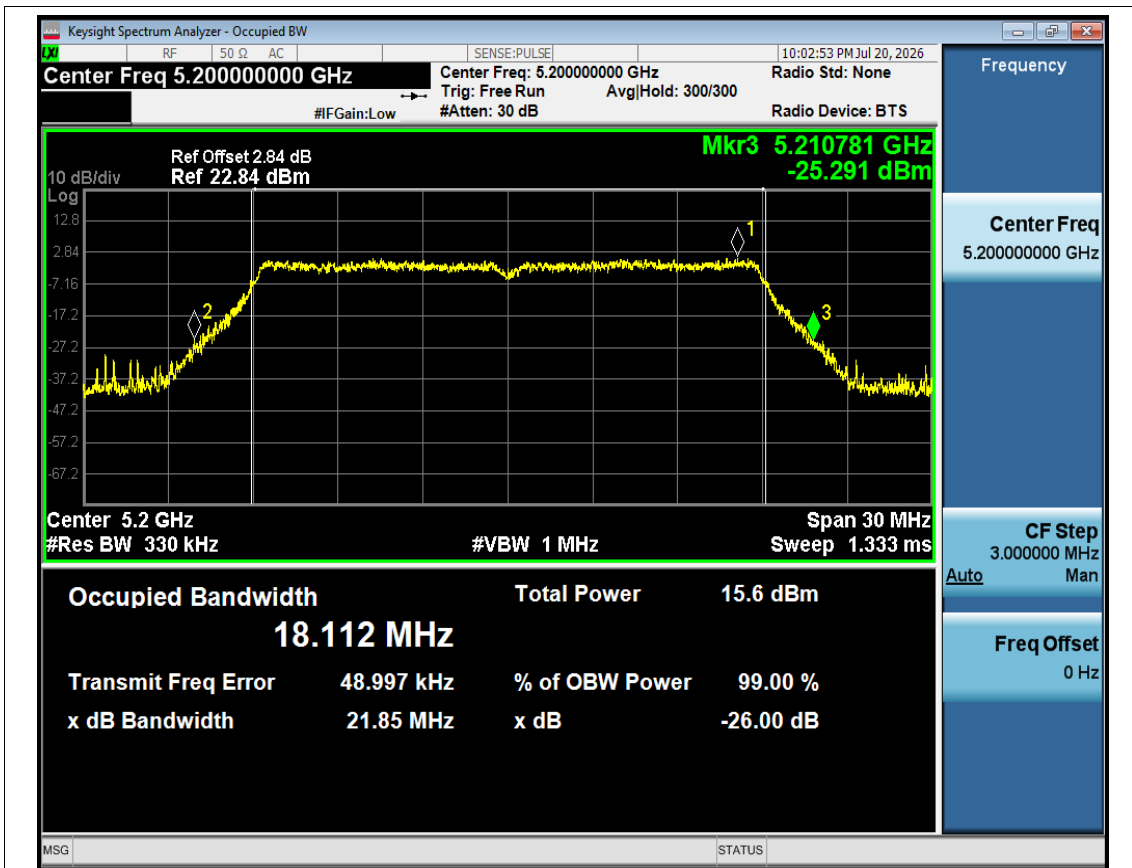
-26dB Bandwidth NVNT a 5200MHz Ant1



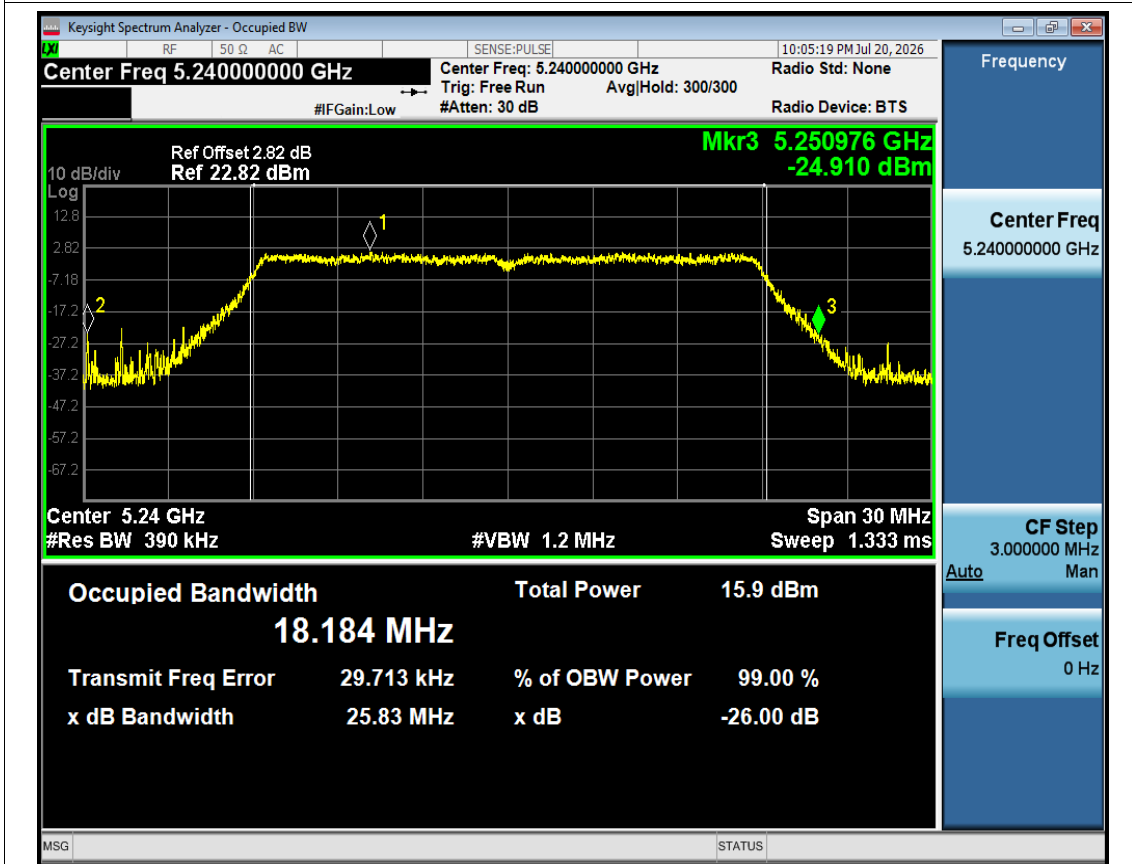
-26dB Bandwidth NVNT a 5240MHz Ant1



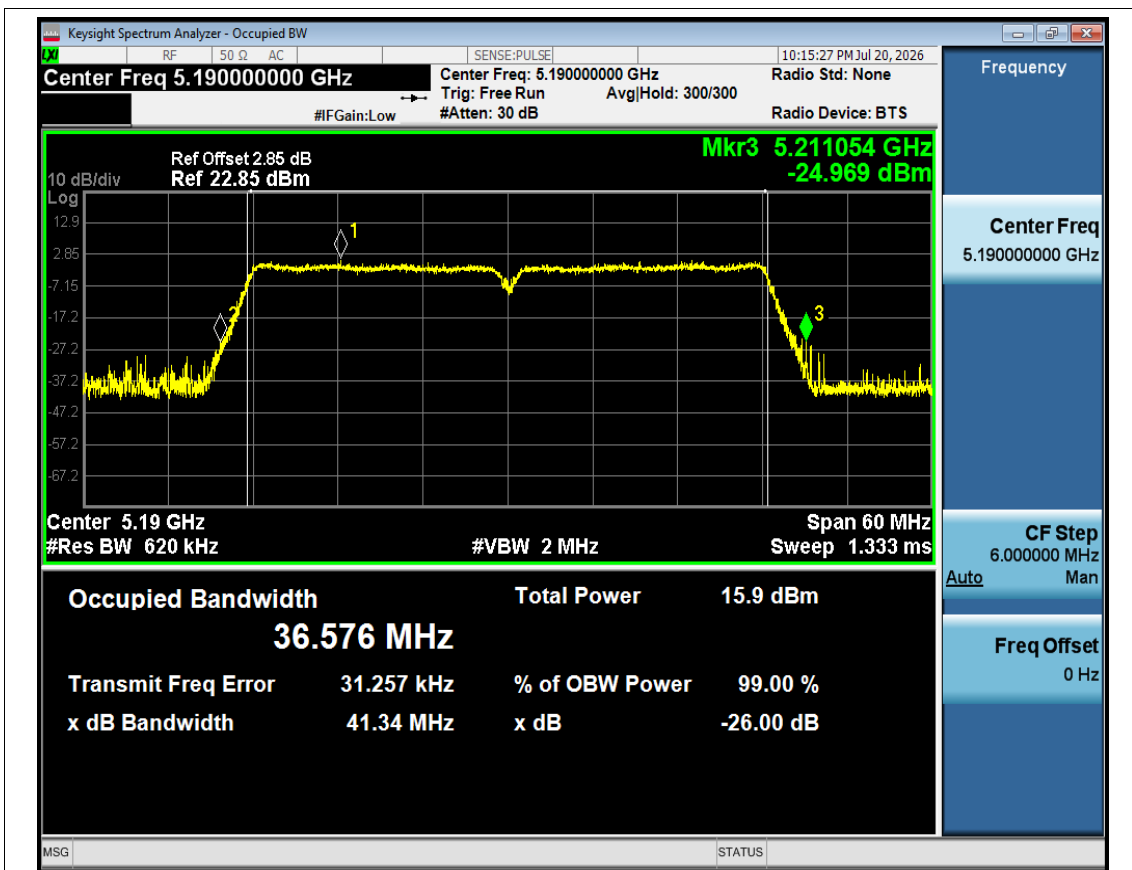
-26dB Bandwidth NVNT n20 5180MHz Ant1



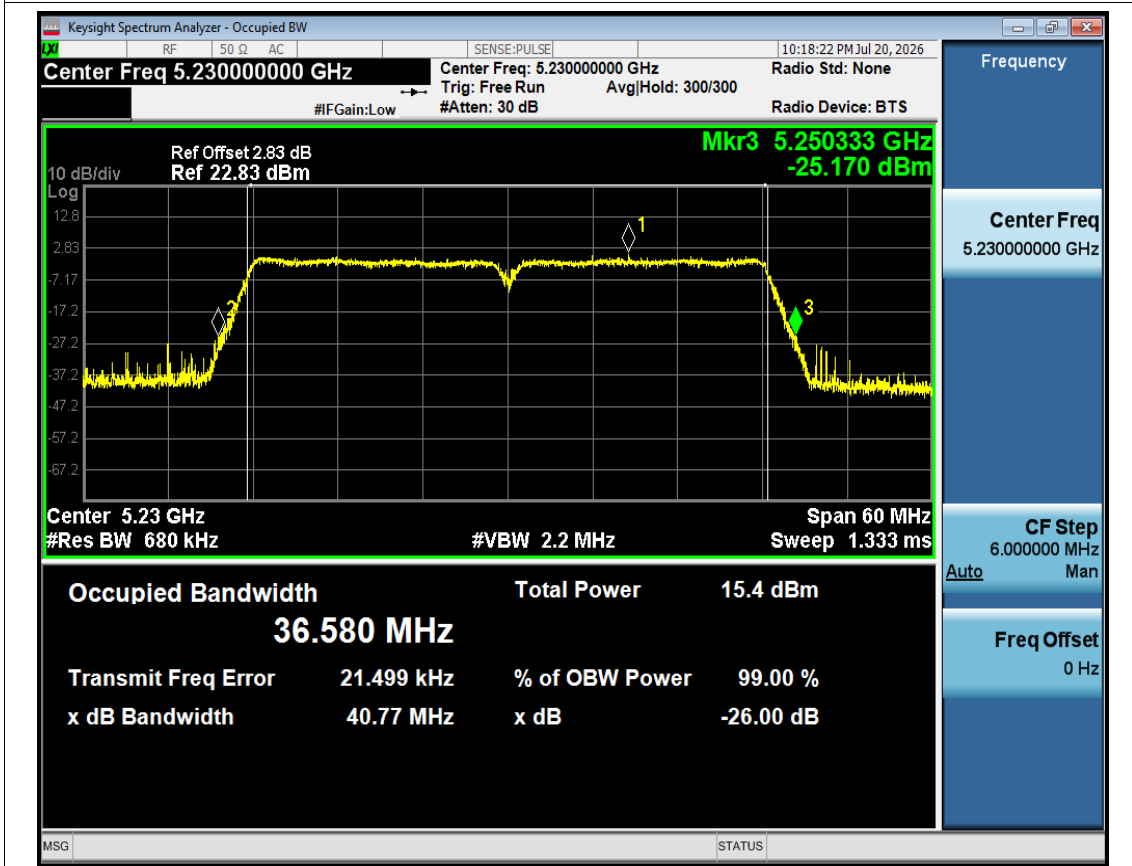
-26dB Bandwidth NVNT n20 5200MHz Ant1



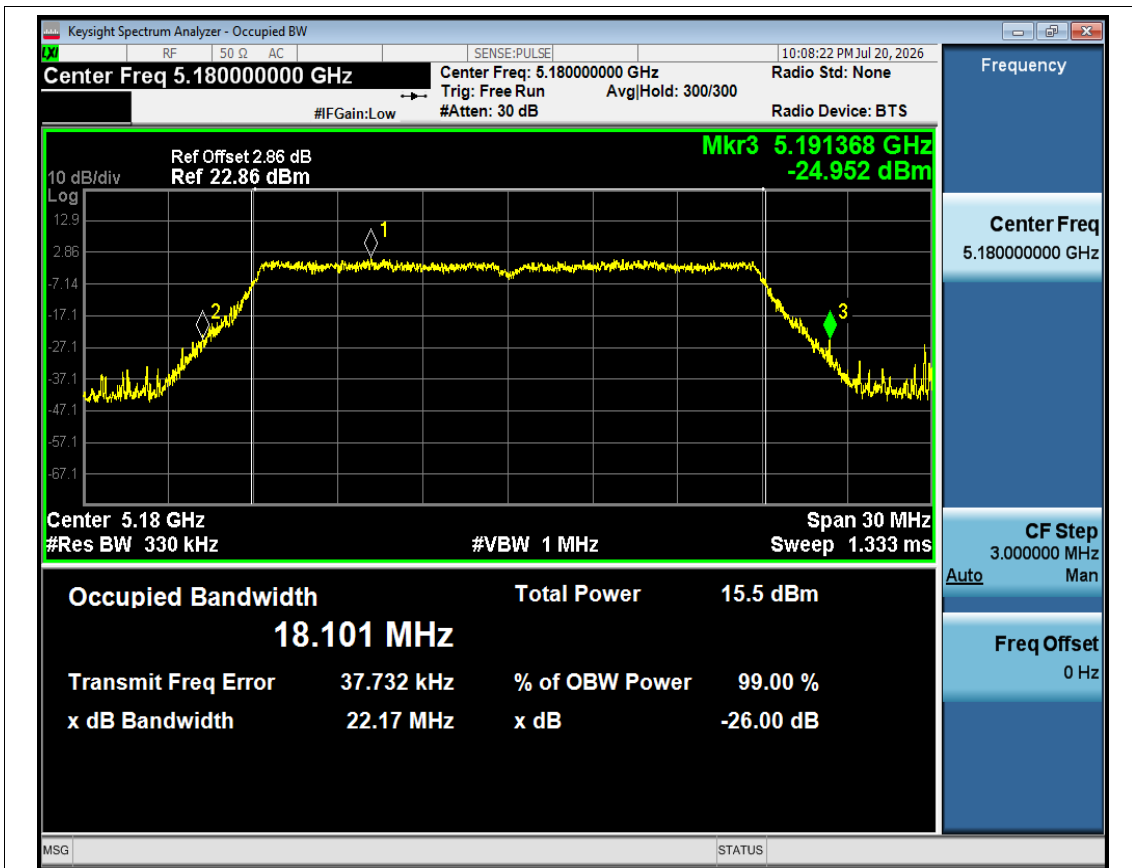
-26dB Bandwidth NVNT n20 5240MHz Ant1



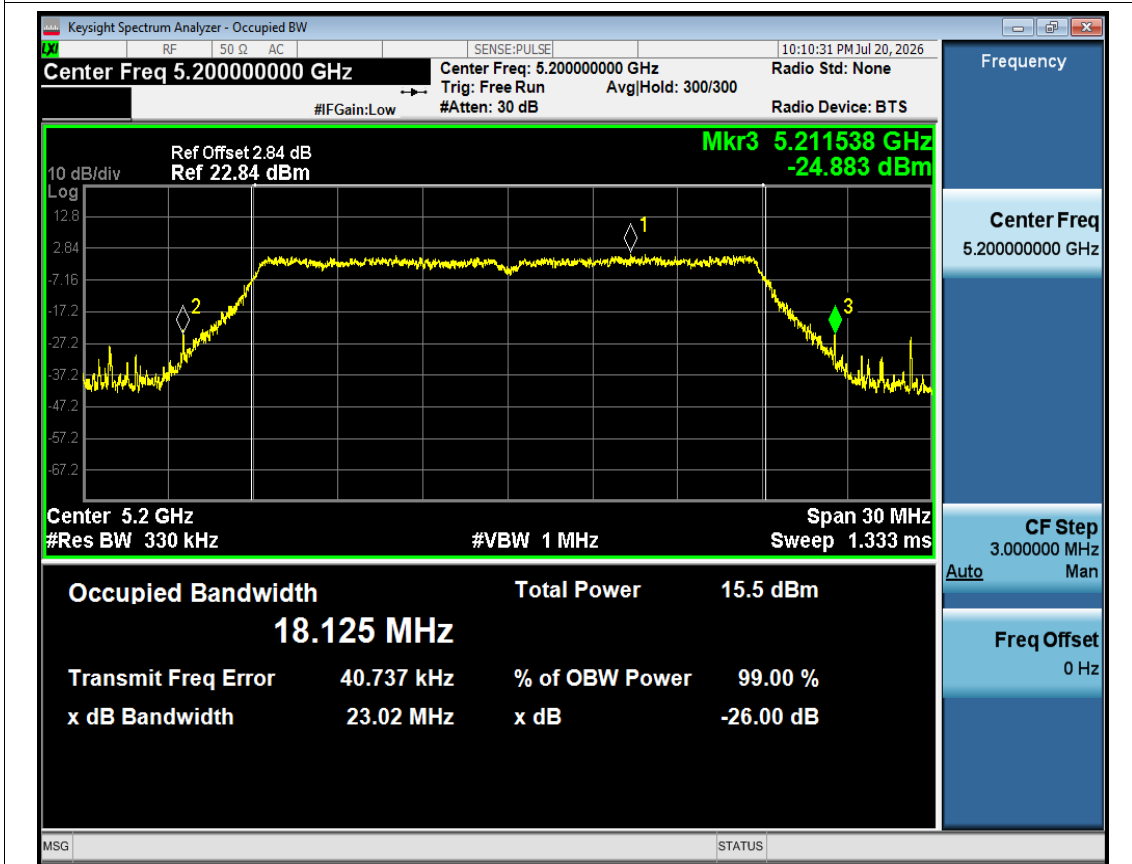
-26dB Bandwidth NVNT n40 5190MHz Ant1



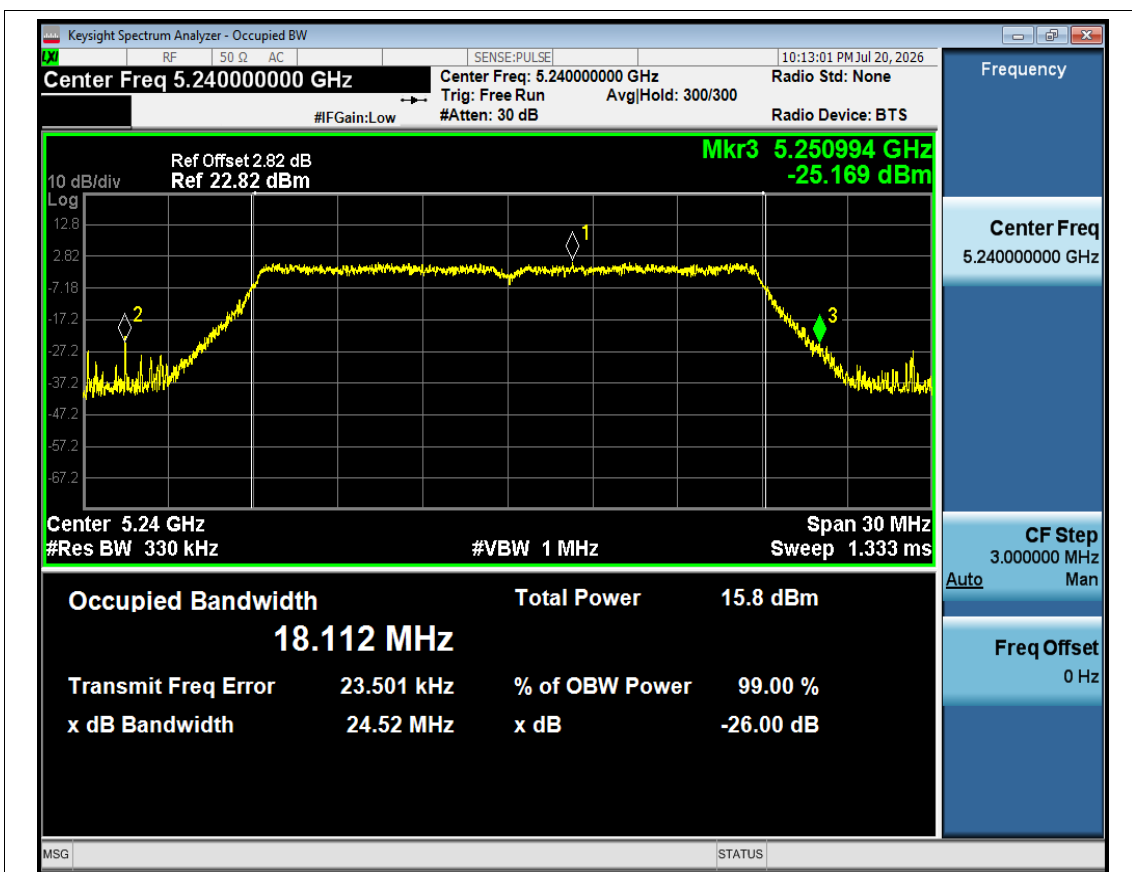
-26dB Bandwidth NVNT n40 5230MHz Ant1



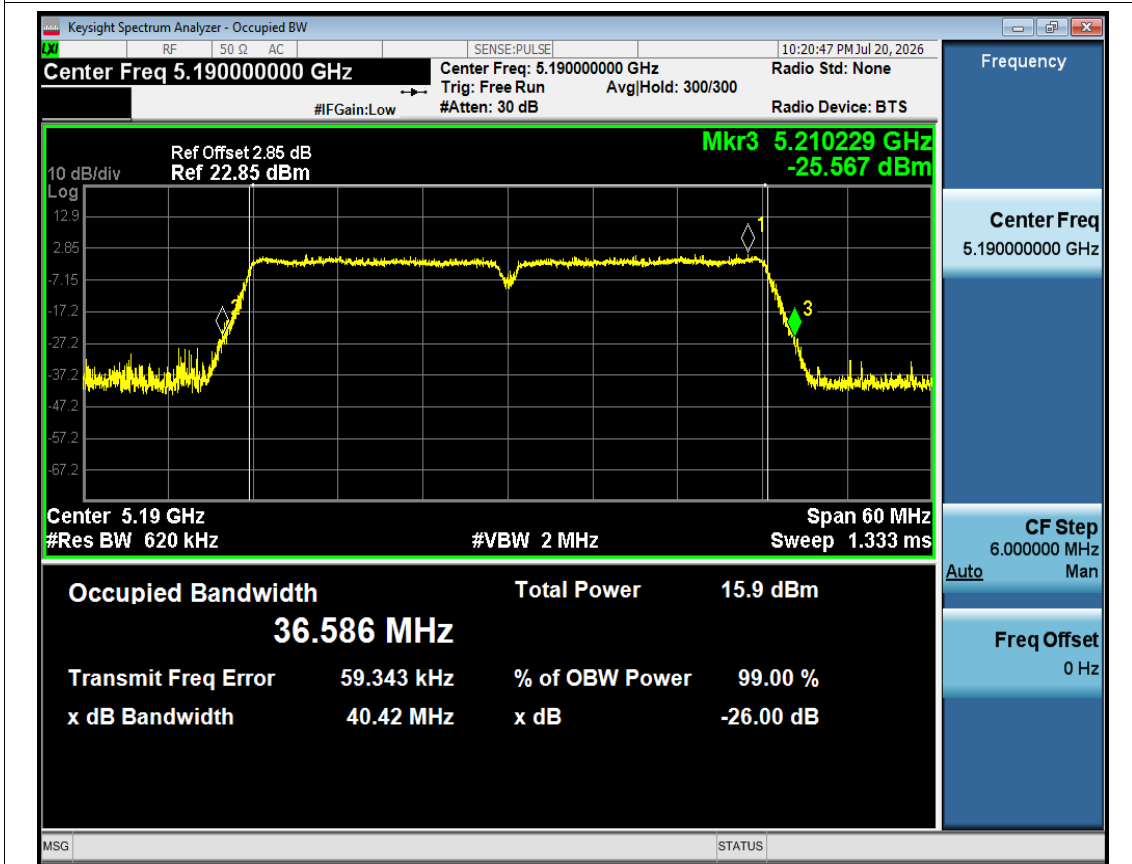
-26dB Bandwidth NVNT ac20 5180MHz Ant1



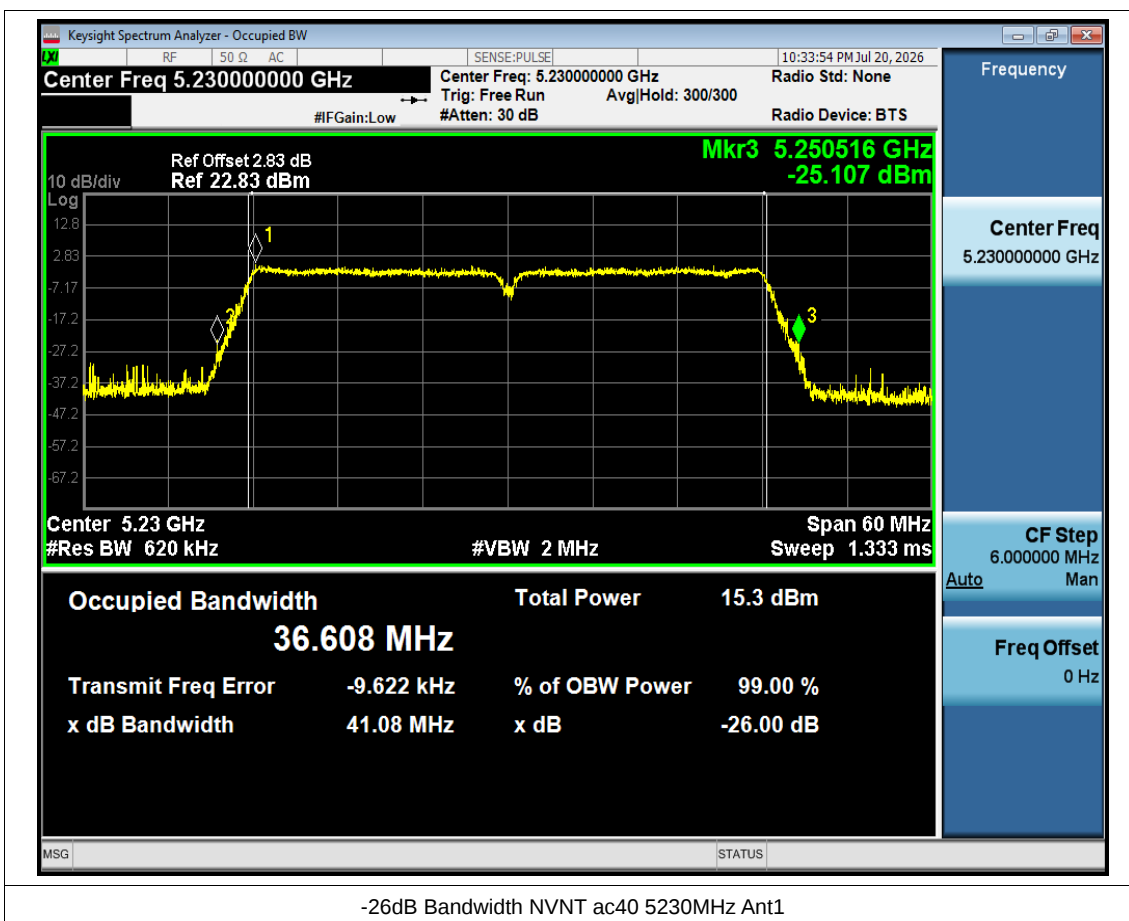
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1

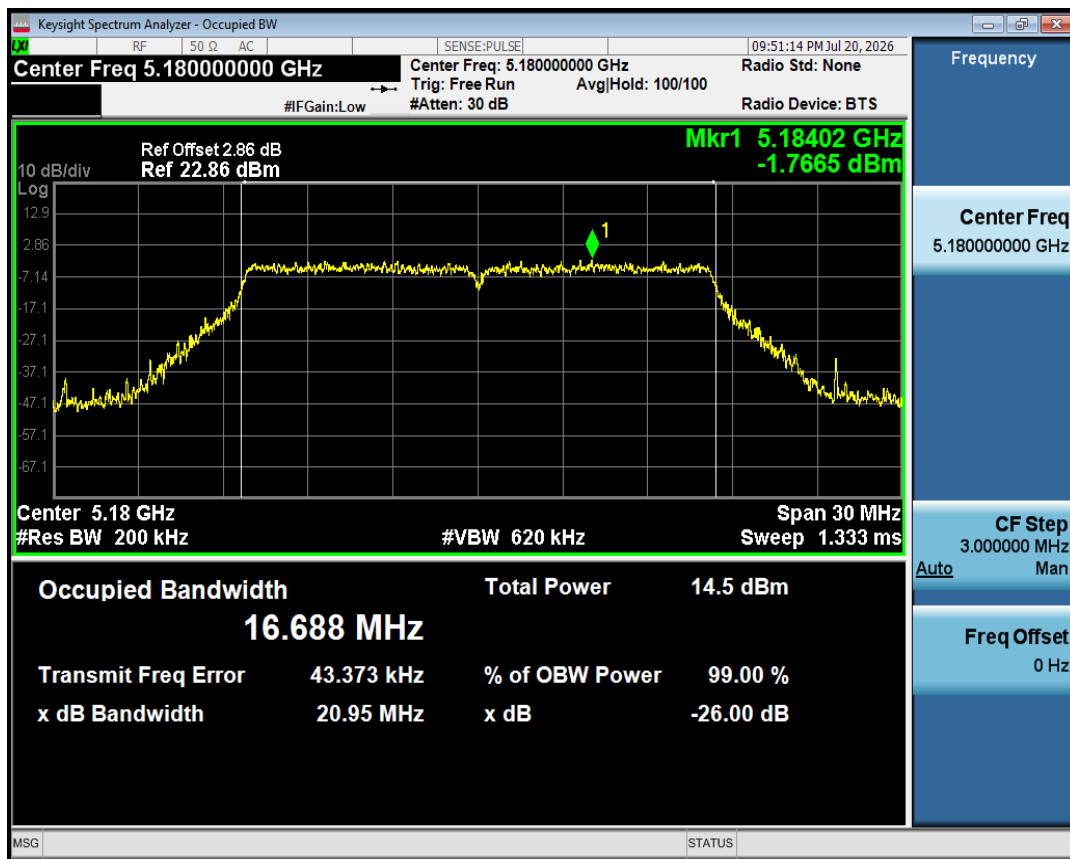


-26dB Bandwidth NVNT ac40 5190MHz Ant1

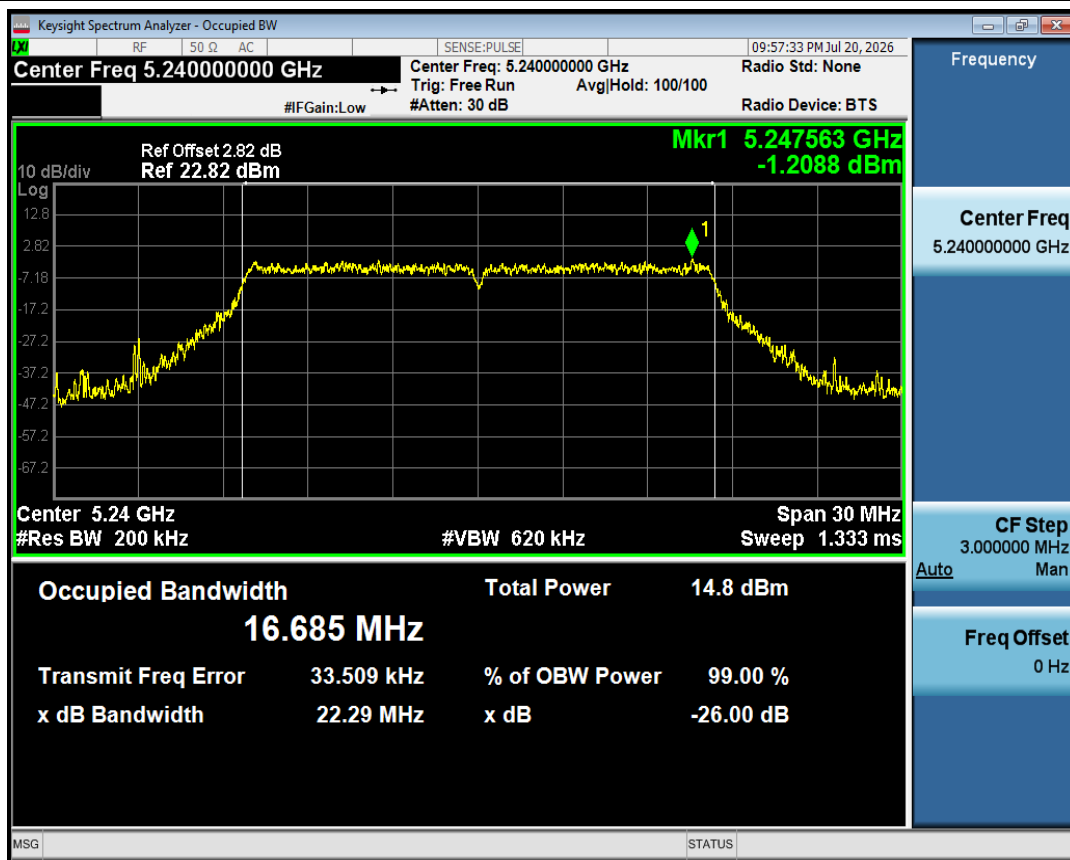


Occupied Channel Bandwidth

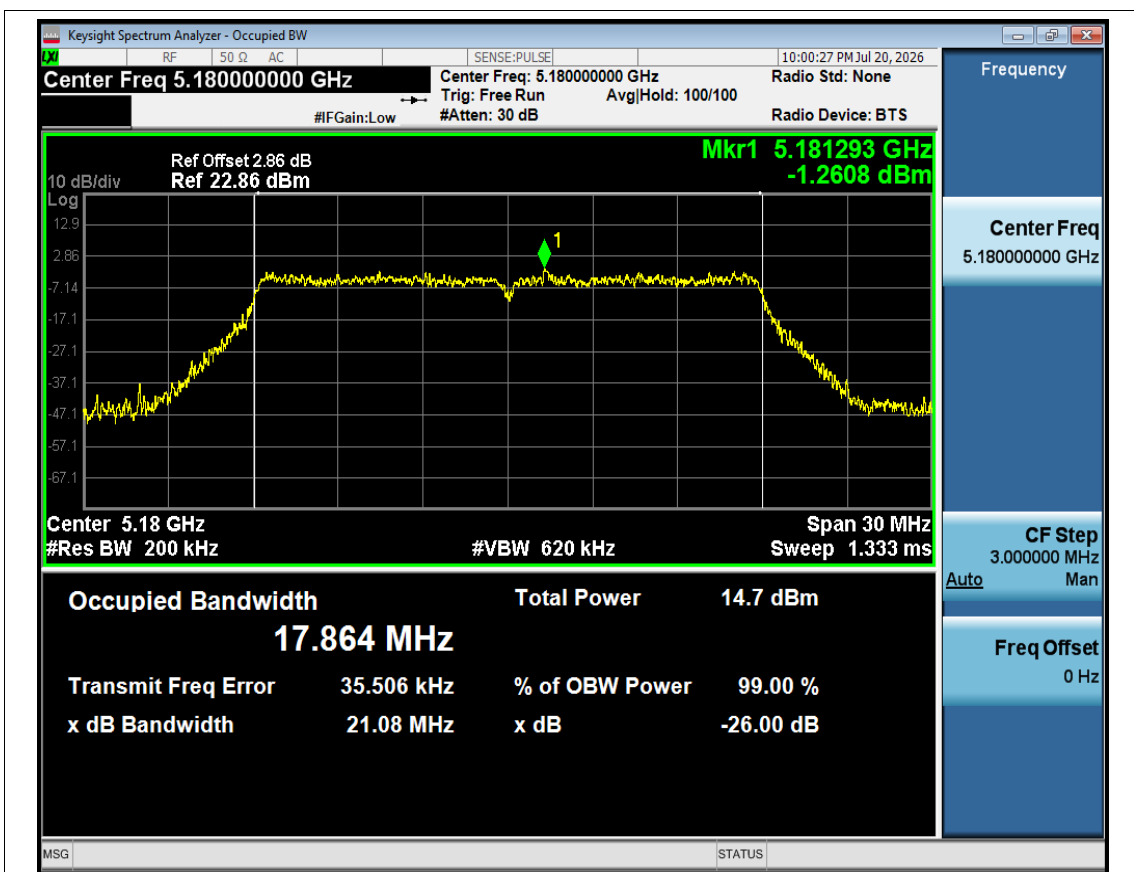
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.688
NVNT	a	5240	Ant1	16.685
NVNT	n20	5180	Ant1	17.864
NVNT	n20	5240	Ant1	17.873
NVNT	n40	5190	Ant1	36.375
NVNT	n40	5230	Ant1	36.426
NVNT	ac20	5180	Ant1	17.867
NVNT	ac20	5240	Ant1	17.863
NVNT	ac40	5190	Ant1	36.4
NVNT	ac40	5230	Ant1	36.434



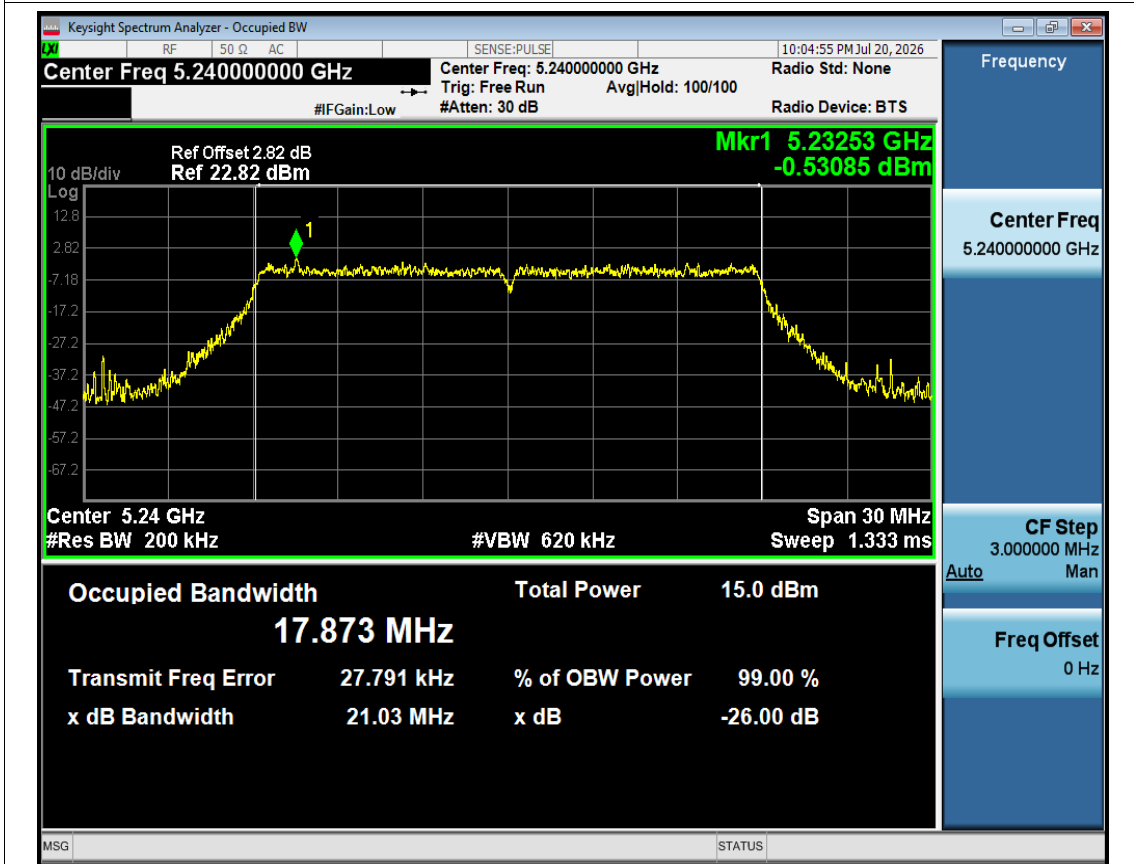
OBW NVNT a 5180MHz Ant1



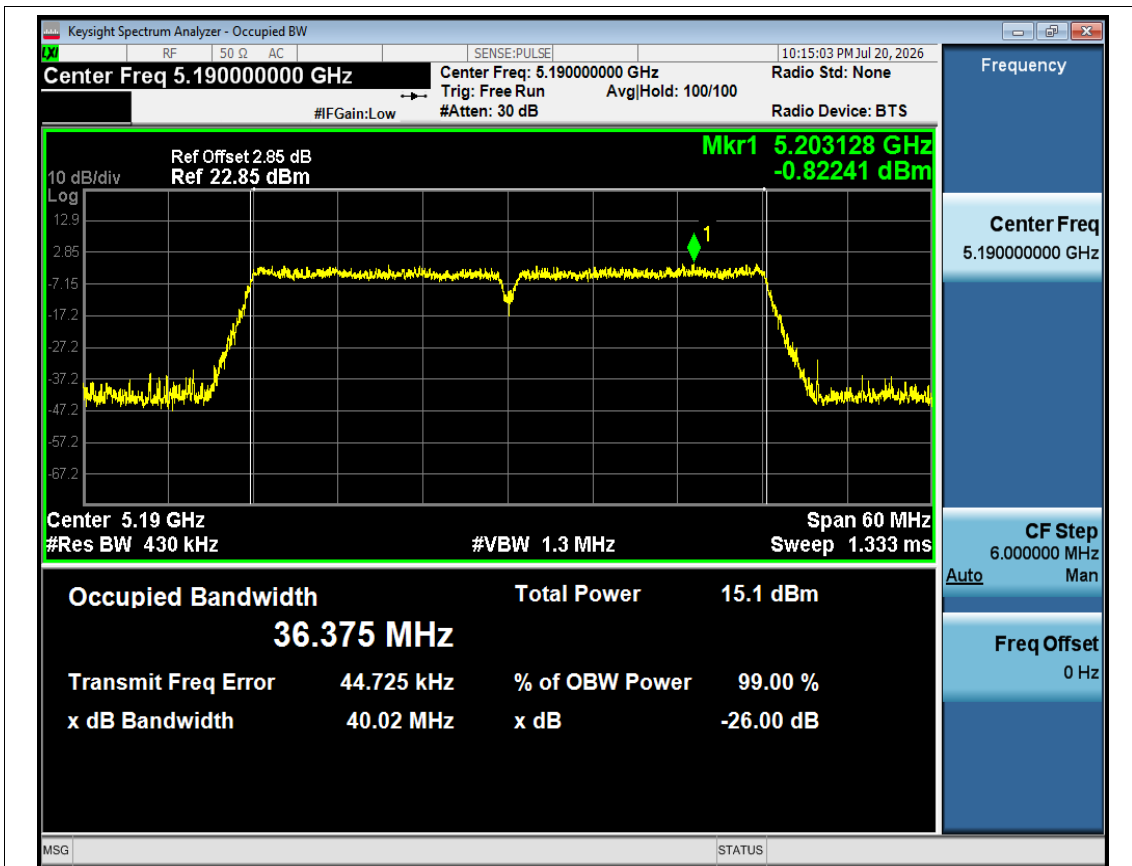
OBW NVNT a 5240MHz Ant1



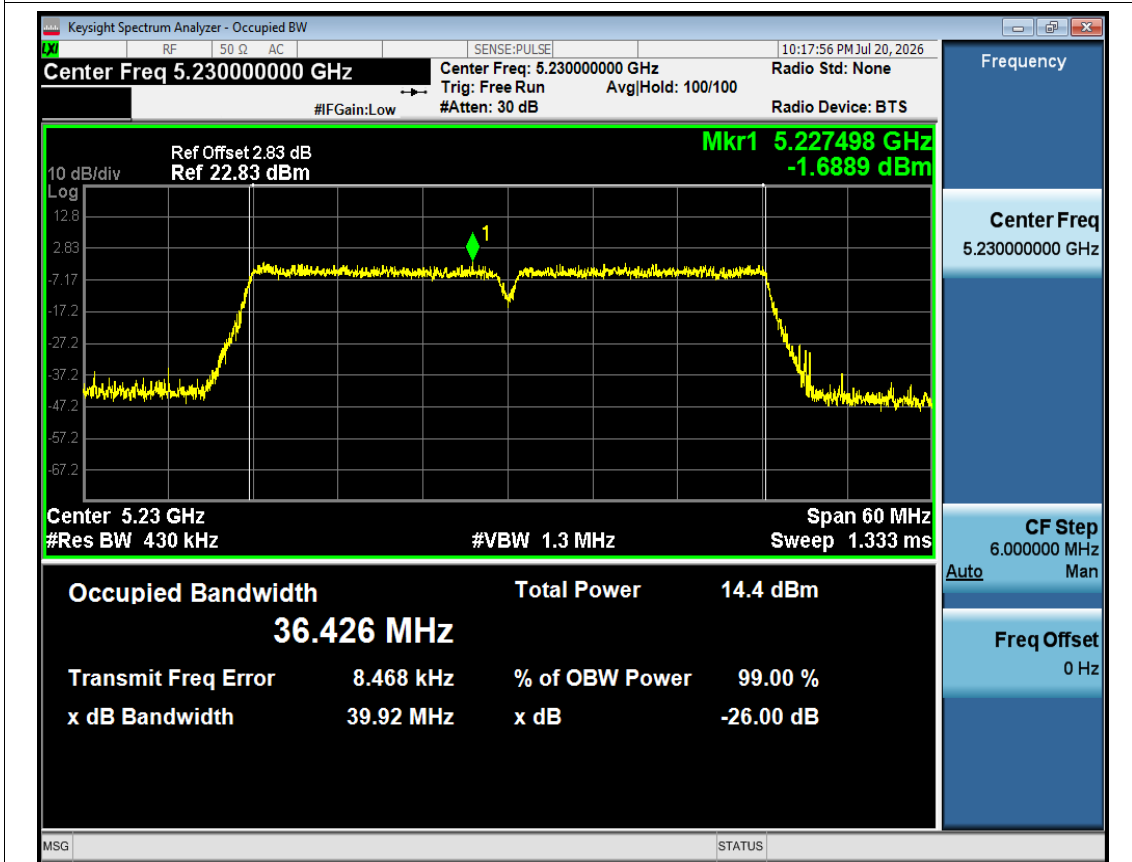
OBW NVNT n20 5180MHz Ant1



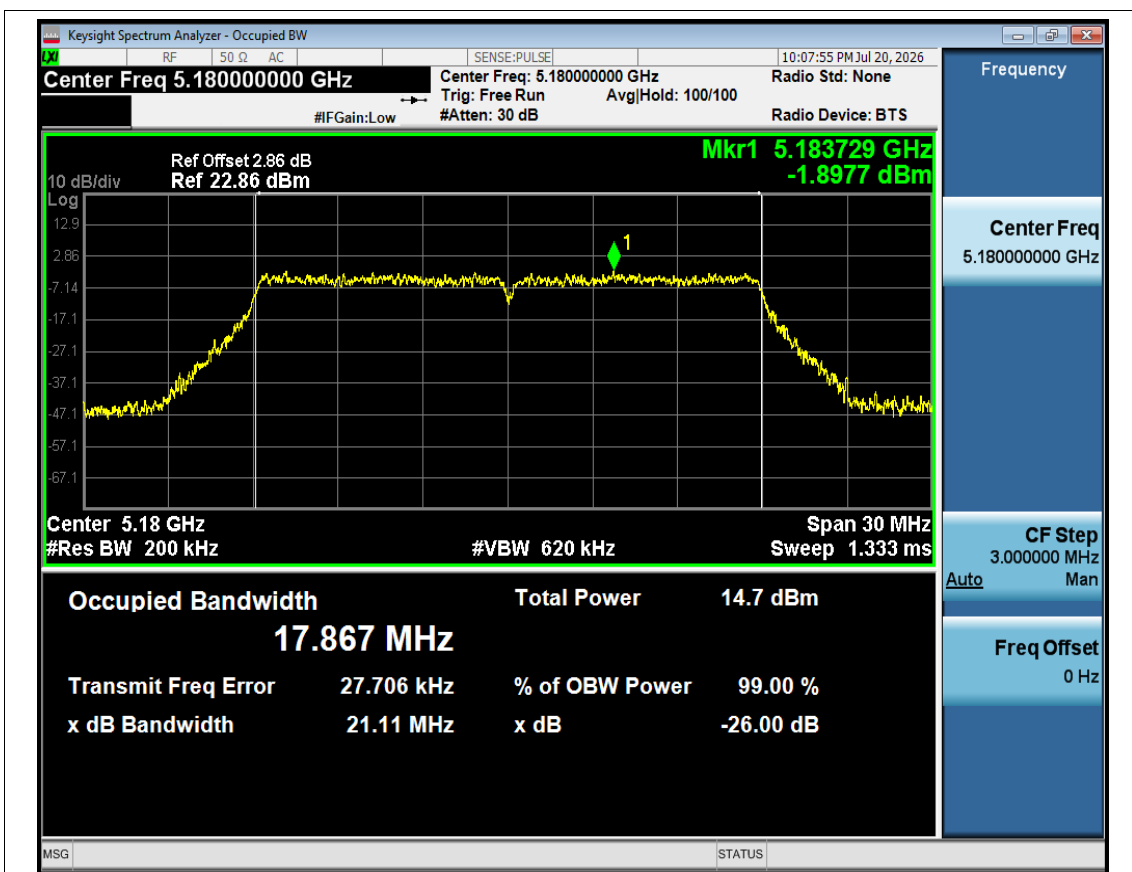
OBW NVNT n20 5240MHz Ant1



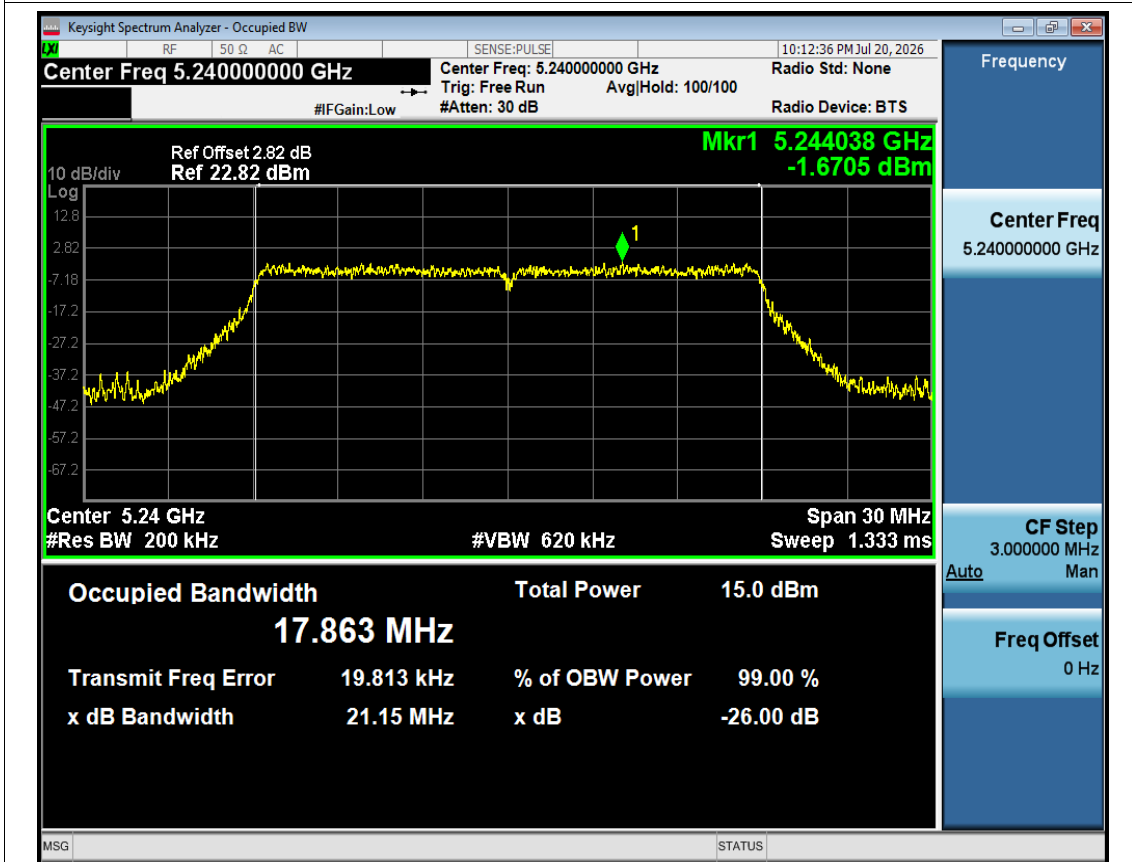
OBW NVNT n40 5190MHz Ant1



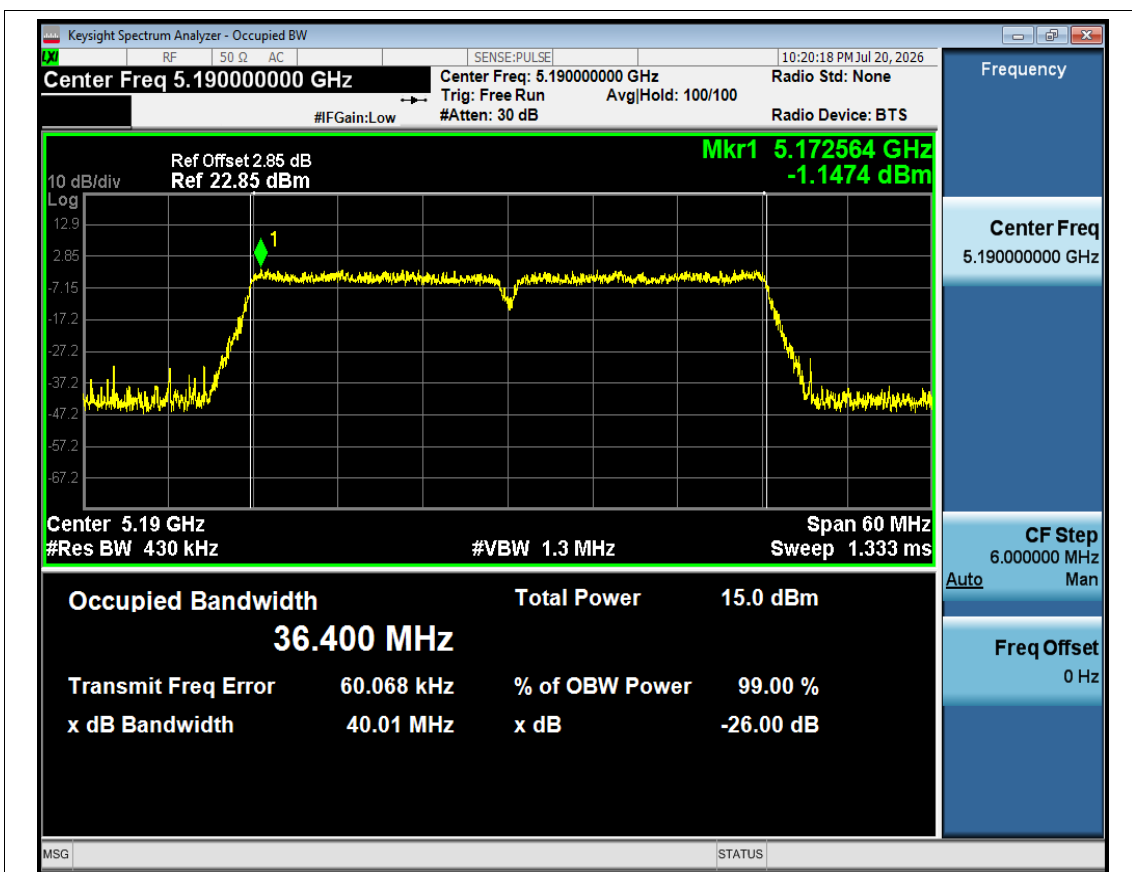
OBW NVNT n40 5230MHz Ant1



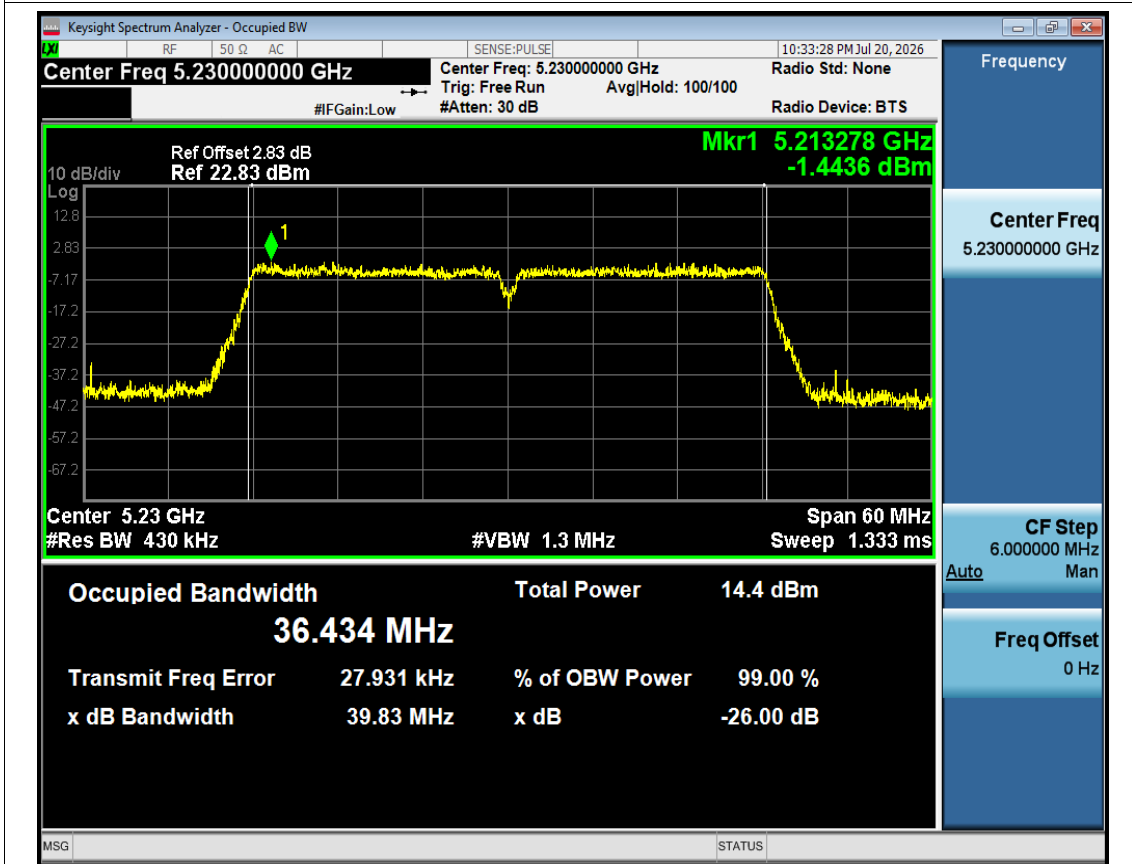
OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5240MHz Ant1



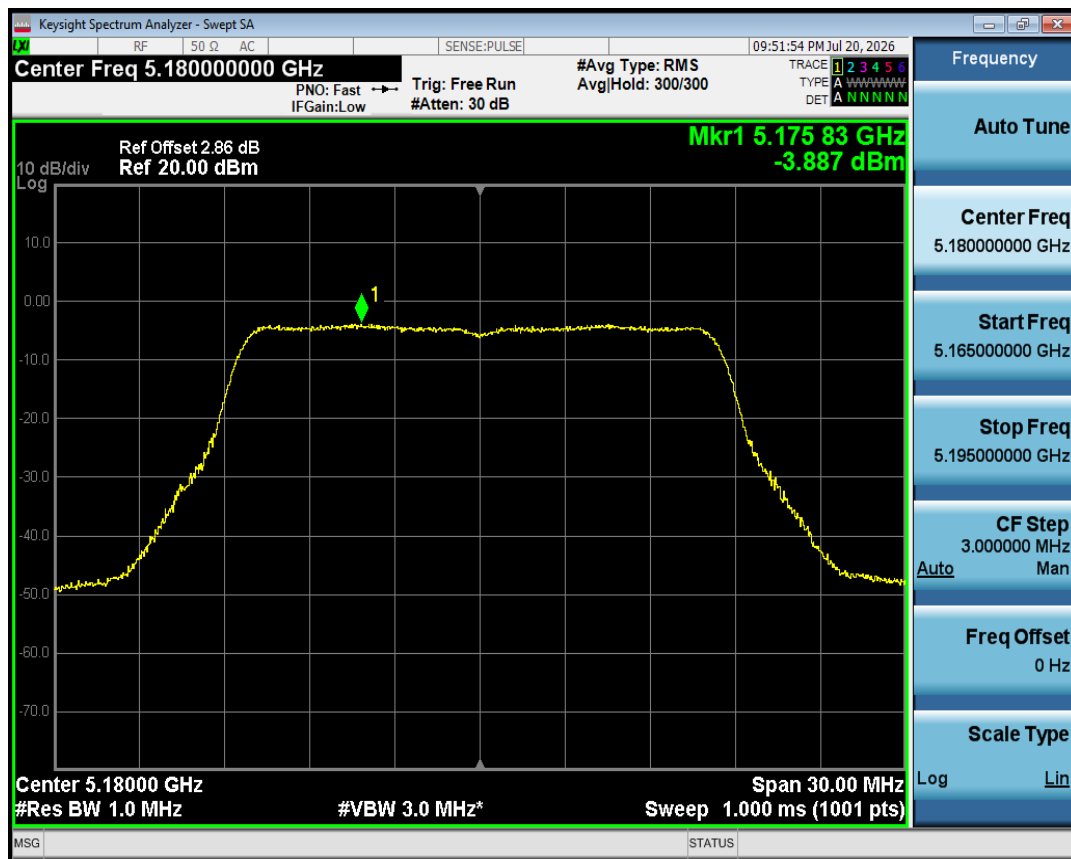
OBW NVNT ac40 5190MHz Ant1



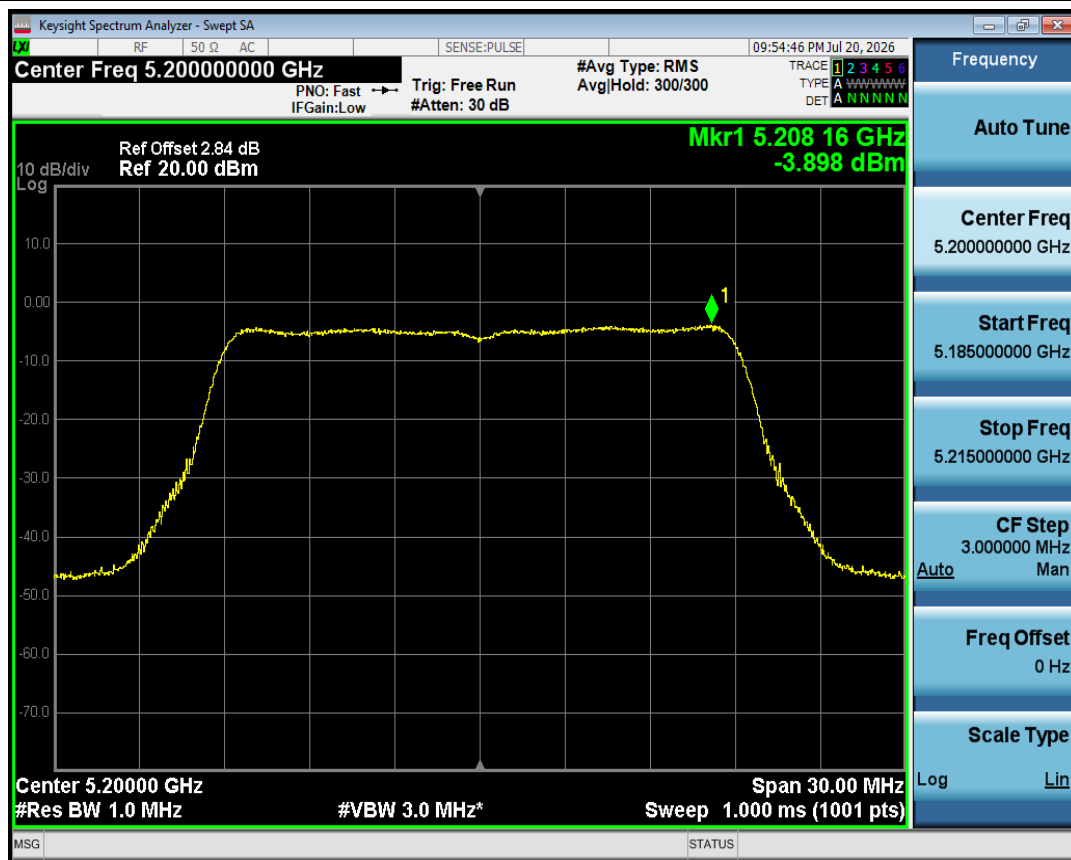
OBW NVNT ac40 5230MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	-3.89	2.1	-1.79	11	Pass
NVNT	a	5200	Ant1	-3.9	2.7	-1.2	11	Pass
NVNT	a	5240	Ant1	-3.77	2.11	-1.66	11	Pass
NVNT	n20	5180	Ant1	-4.38	2.19	-2.19	11	Pass
NVNT	n20	5200	Ant1	-3.82	2.19	-1.63	11	Pass
NVNT	n20	5240	Ant1	-3.98	2.19	-1.79	11	Pass
NVNT	n40	5190	Ant1	-6.76	2.48	-4.28	11	Pass
NVNT	n40	5230	Ant1	-7.38	2.18	-5.2	11	Pass
NVNT	ac20	5180	Ant1	-4.22	2.18	-2.04	11	Pass
NVNT	ac20	5200	Ant1	-4.05	2.36	-1.69	11	Pass
NVNT	ac20	5240	Ant1	-4.04	2.18	-1.86	11	Pass
NVNT	ac40	5190	Ant1	-6.76	2.35	-4.41	11	Pass
NVNT	ac40	5230	Ant1	-7.45	2.36	-5.09	11	Pass



PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



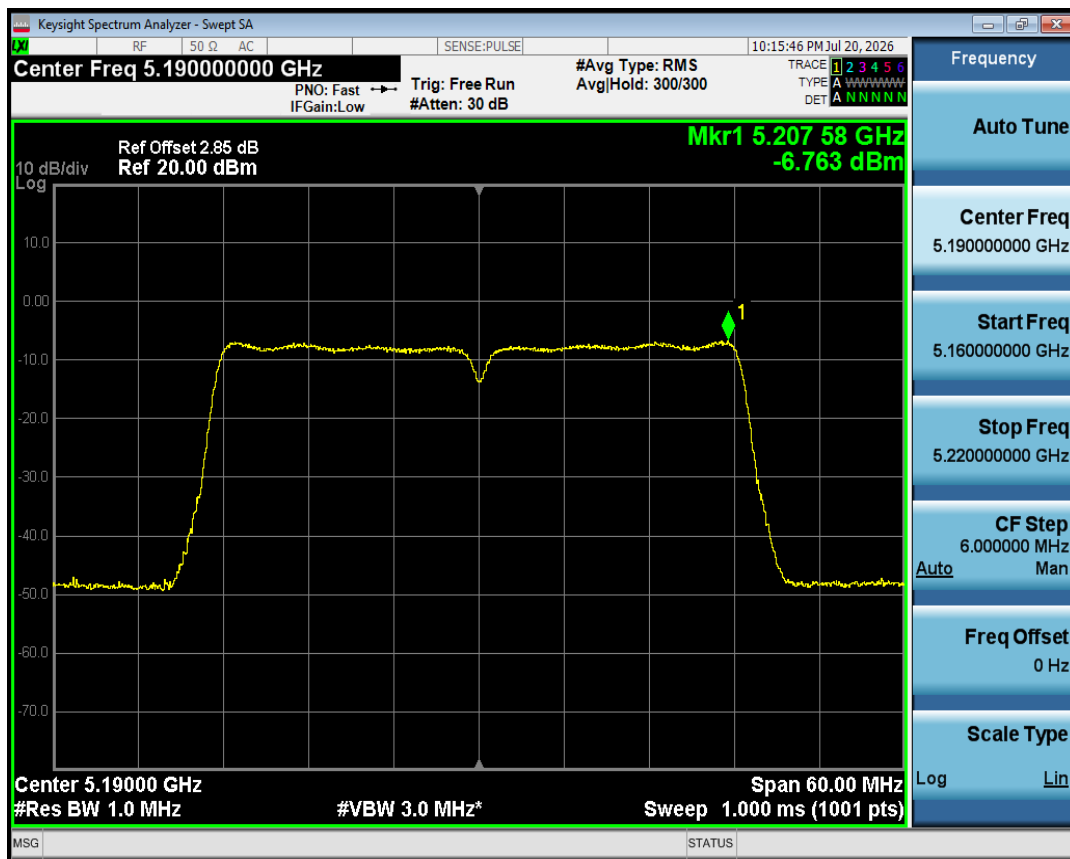
PSD NVNT n20 5180MHz Ant1



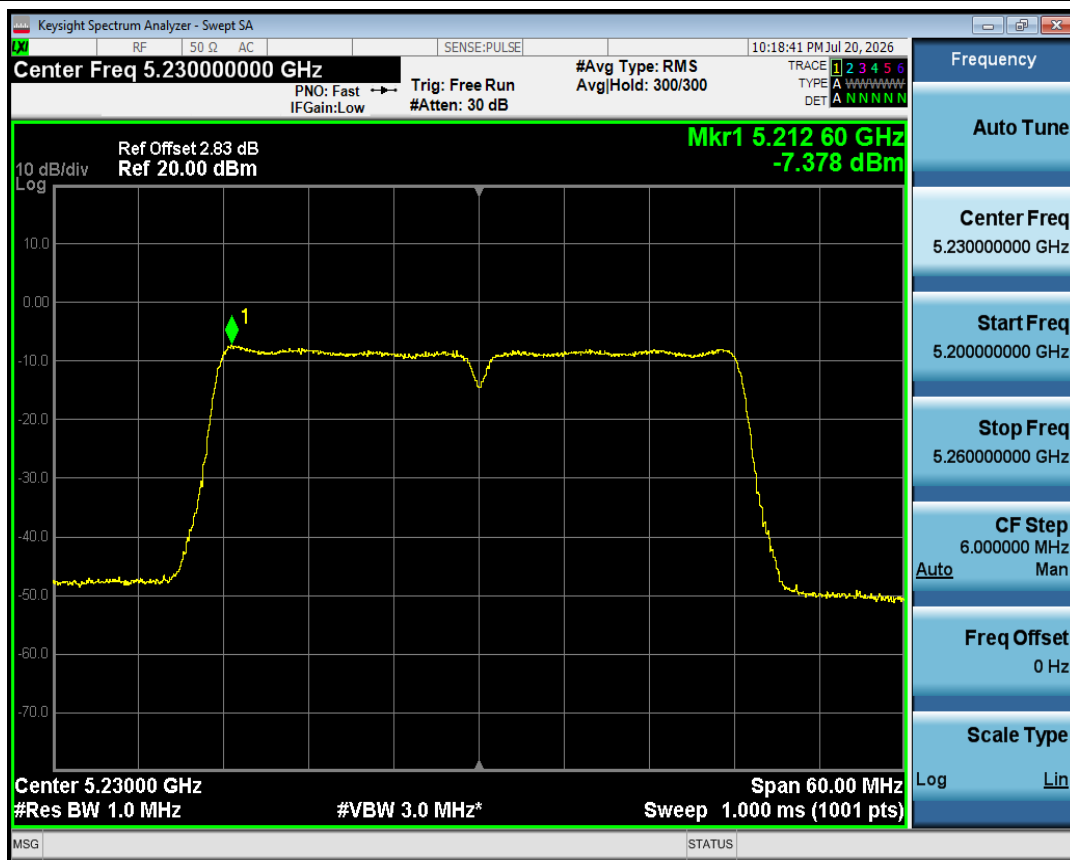
PSD NVNT n20 5200MHz Ant1



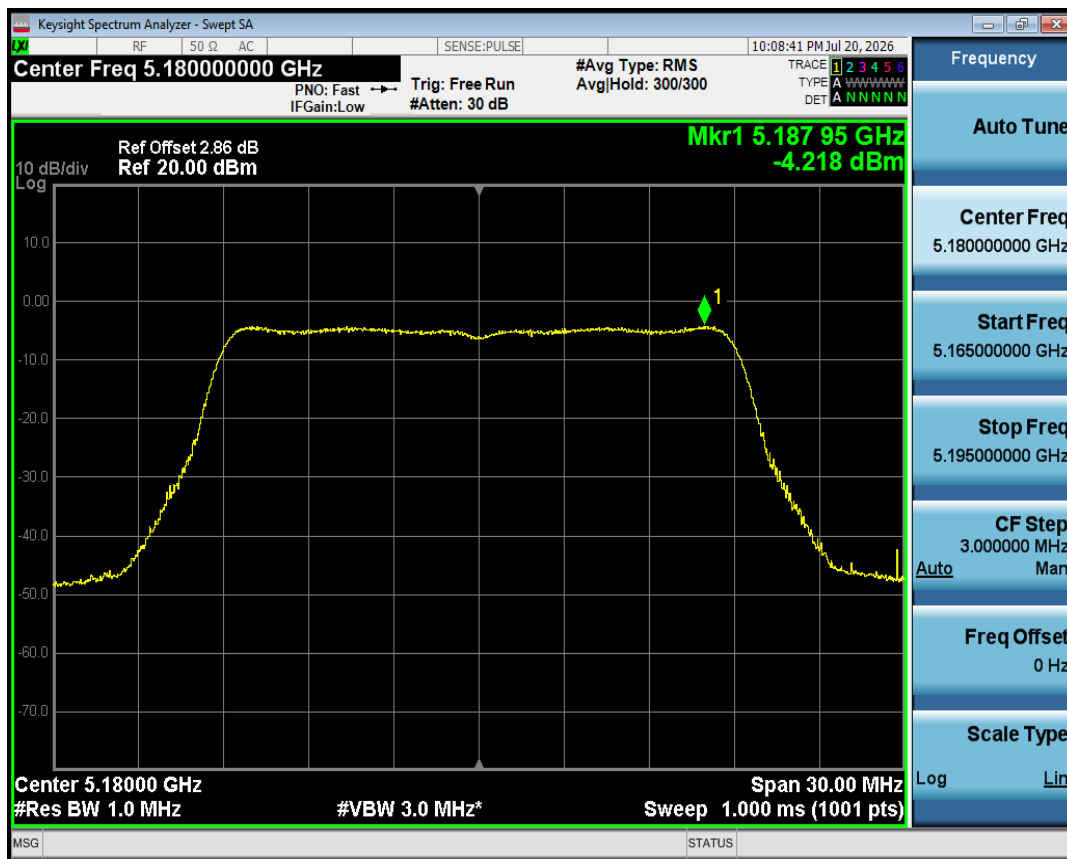
PSD NVNT n20 5240MHz Ant1



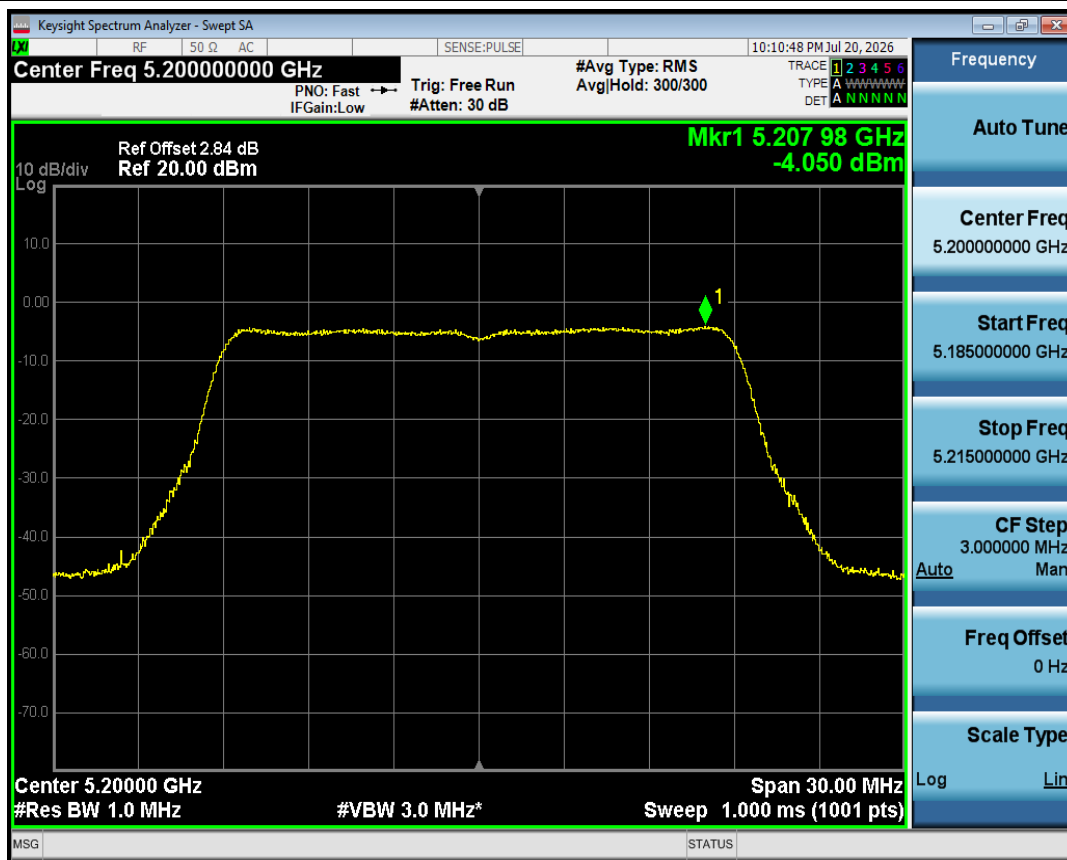
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



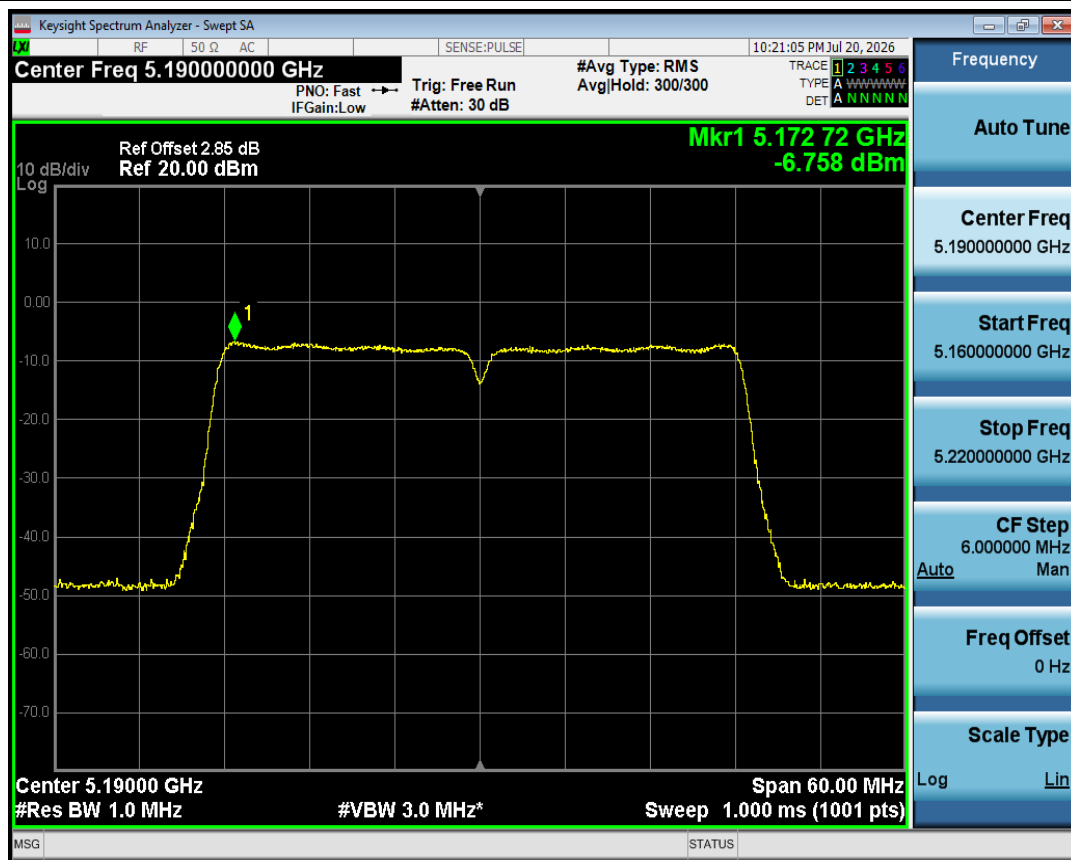
PSD NVNT ac20 5180MHz Ant1



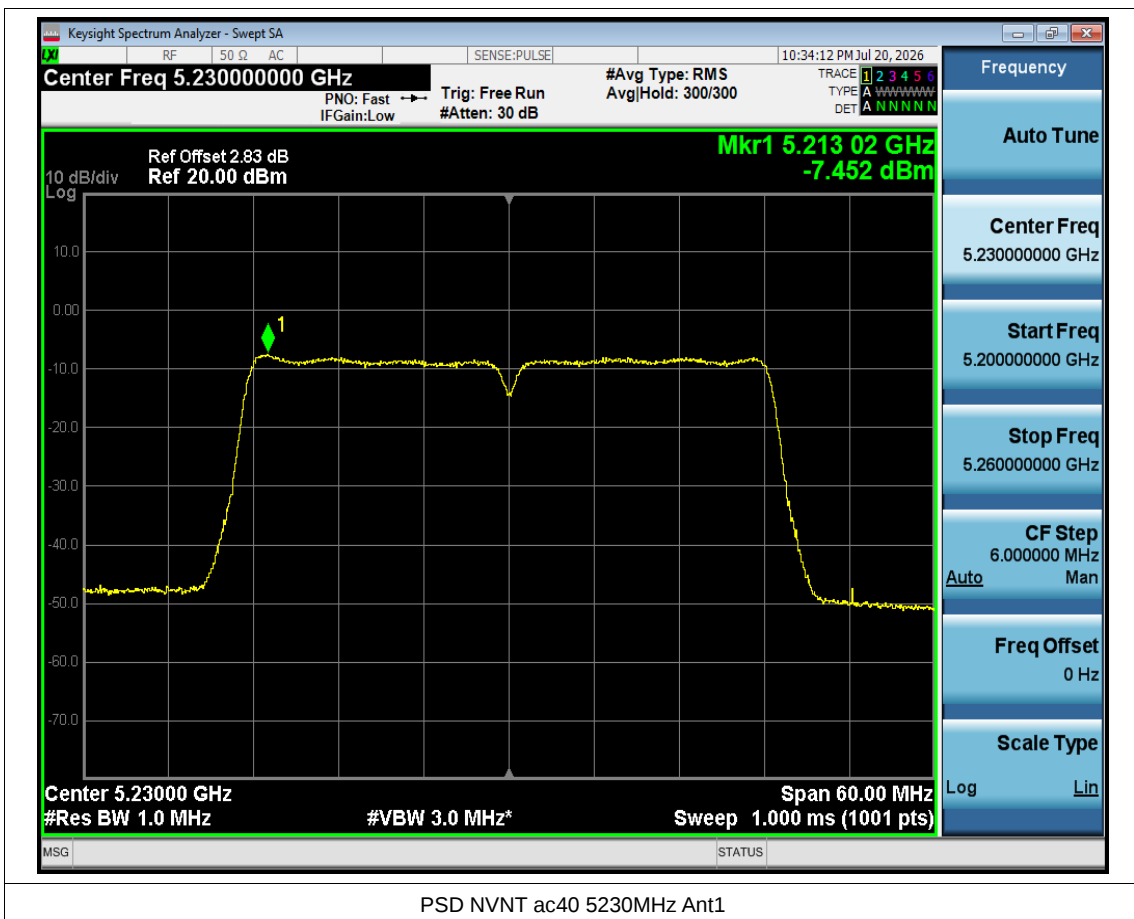
PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1

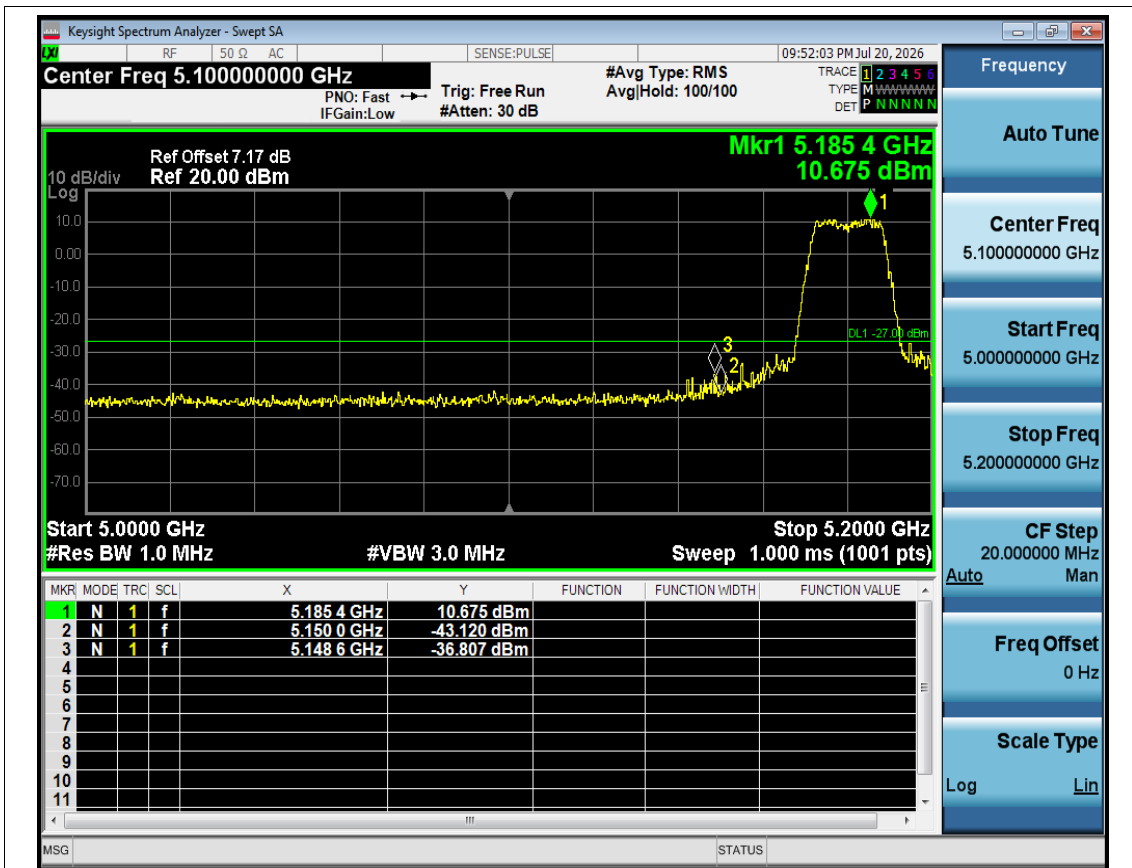


PSD NVNT ac40 5190MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-36.8	-27	Pass
NVNT	a	5240	Ant1	-42.06	-27	Pass
NVNT	n20	5180	Ant1	-37.78	-27	Pass
NVNT	n20	5240	Ant1	-41.46	-27	Pass
NVNT	n40	5190	Ant1	-29.44	-27	Pass
NVNT	n40	5230	Ant1	-42.48	-27	Pass
NVNT	ac20	5180	Ant1	-33.77	-27	Pass
NVNT	ac20	5240	Ant1	-41.75	-27	Pass
NVNT	ac40	5190	Ant1	-27.04	-27	Pass
NVNT	ac40	5230	Ant1	-42.29	-27	Pass



Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1



Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



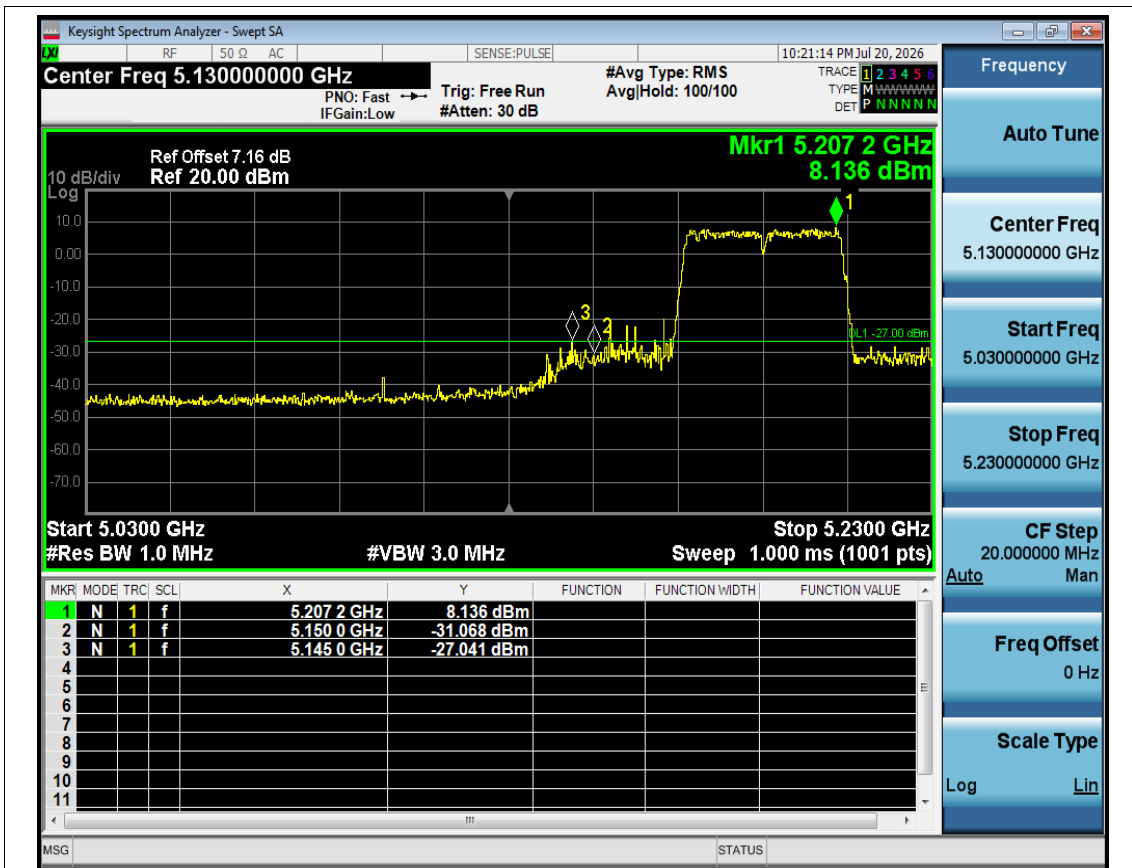
Band Edge NVNT n40 5230MHz High Ant1



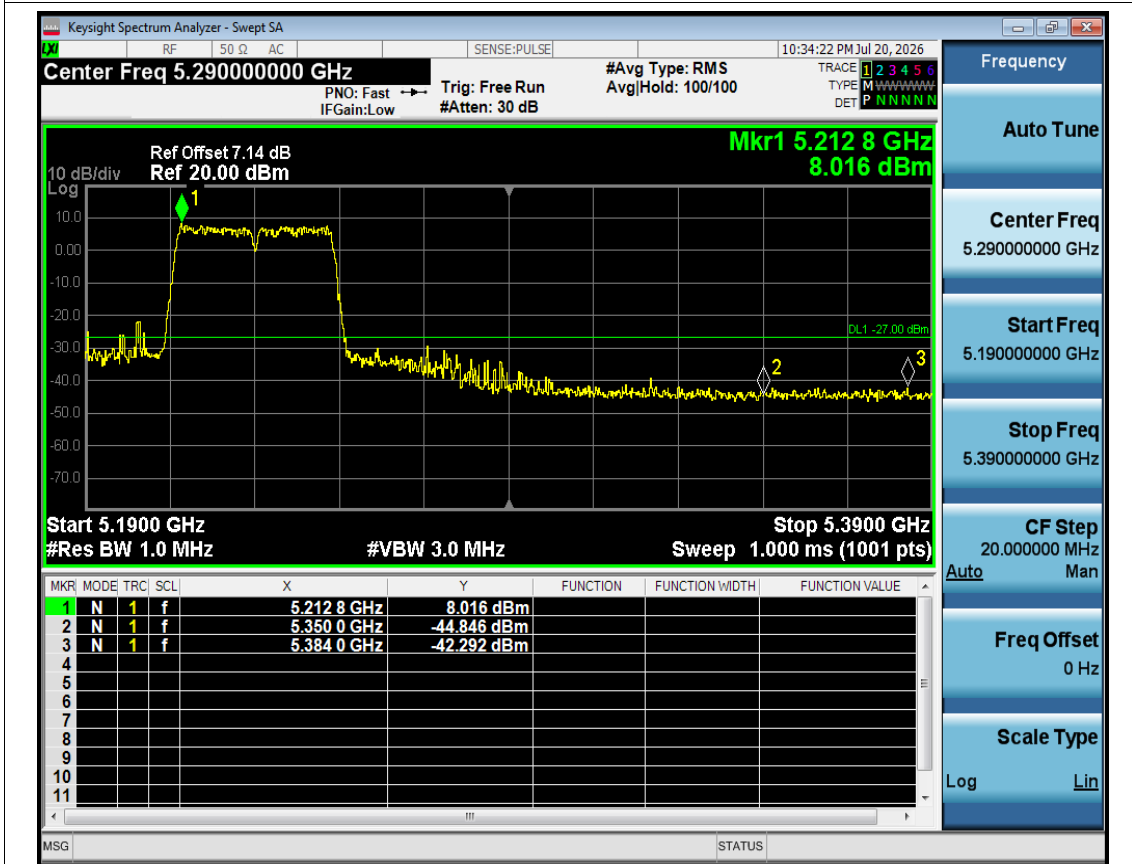
Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1



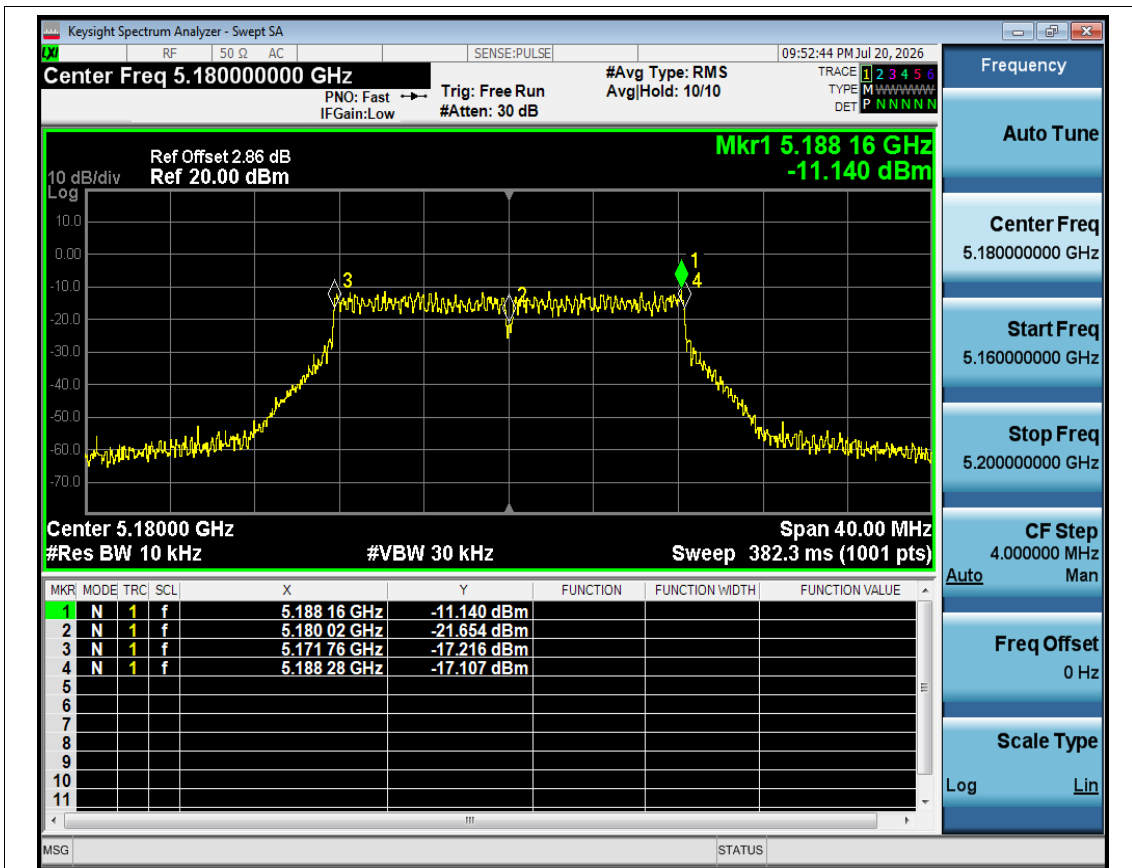
Band Edge NVNT ac40 5190MHz Low Ant1



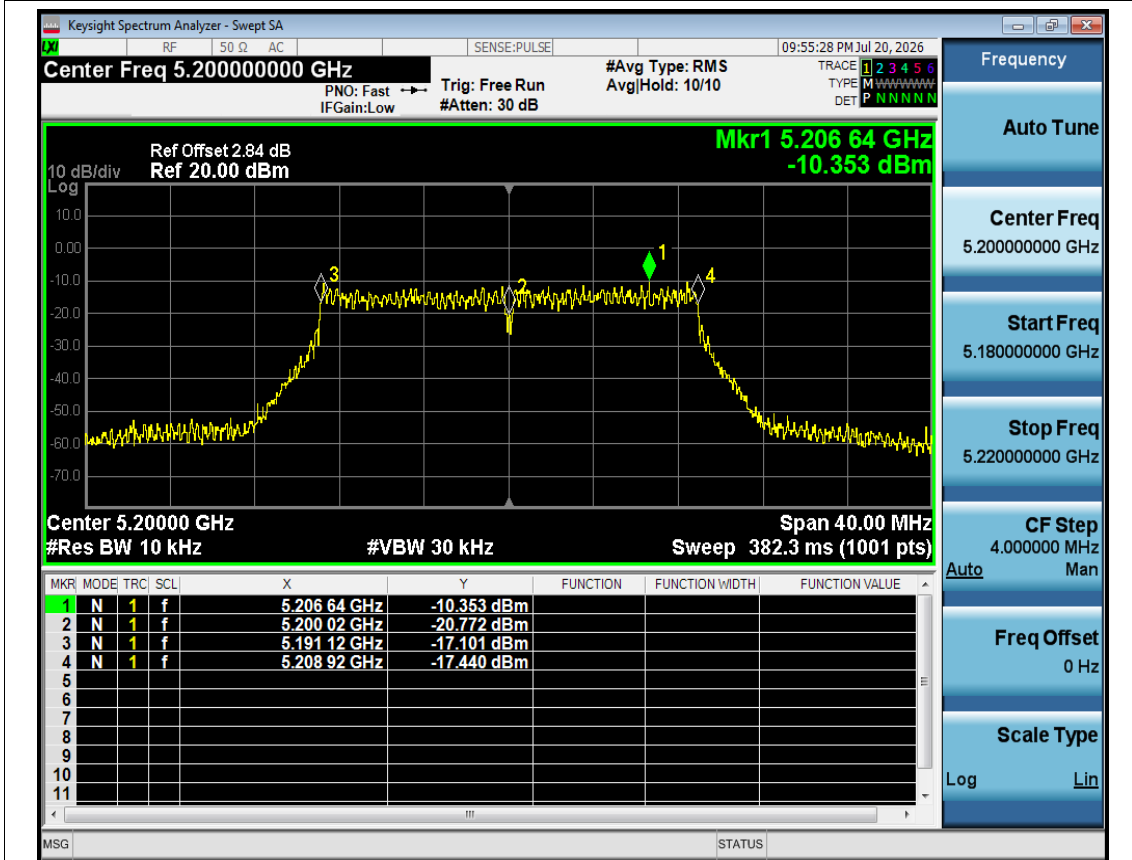
Band Edge NVNT ac40 5230MHz High Ant1

Frequency Stability

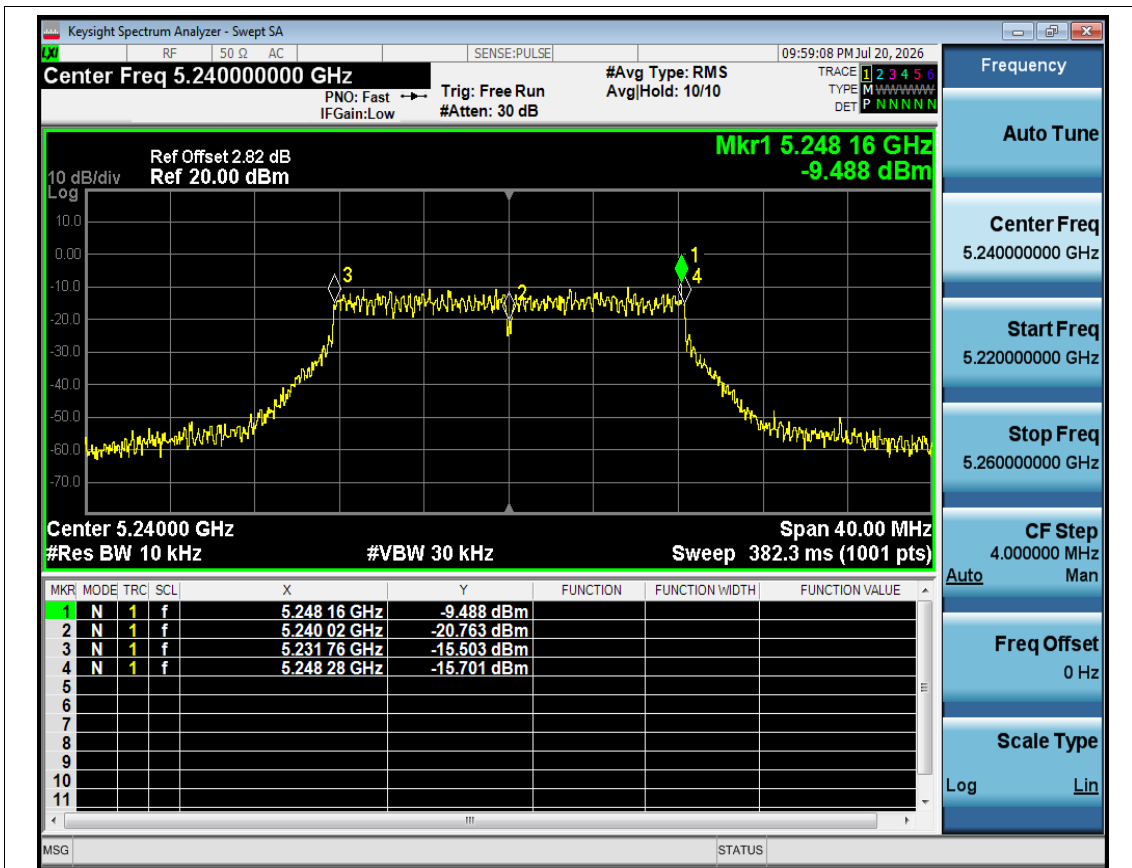
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5180.02	20000	3.86	± 20	Pass
NVNT	a	5200	Ant1	5200.02	20000	3.85	± 20	Pass
NVNT	a	5240	Ant1	5240.02	20000	3.82	± 20	Pass
NVNT	n20	5180	Ant1	5180.04	40000	7.72	± 20	Pass
NVNT	n20	5200	Ant1	5200.02	20000	3.85	± 20	Pass
NVNT	n20	5240	Ant1	5240.02	20000	3.82	± 20	Pass
NVNT	n40	5190	Ant1	5190	0	0	± 20	Pass
NVNT	n40	5230	Ant1	5230.04	40000	7.65	± 20	Pass
NVNT	ac20	5180	Ant1	5180.02	20000	3.86	± 20	Pass
NVNT	ac20	5200	Ant1	5200.02	20000	3.85	± 20	Pass
NVNT	ac20	5240	Ant1	5240.02	20000	3.82	± 20	Pass
NVNT	ac40	5190	Ant1	5190.04	40000	7.71	± 20	Pass
NVNT	ac40	5230	Ant1	5230.04	40000	7.65	± 20	Pass



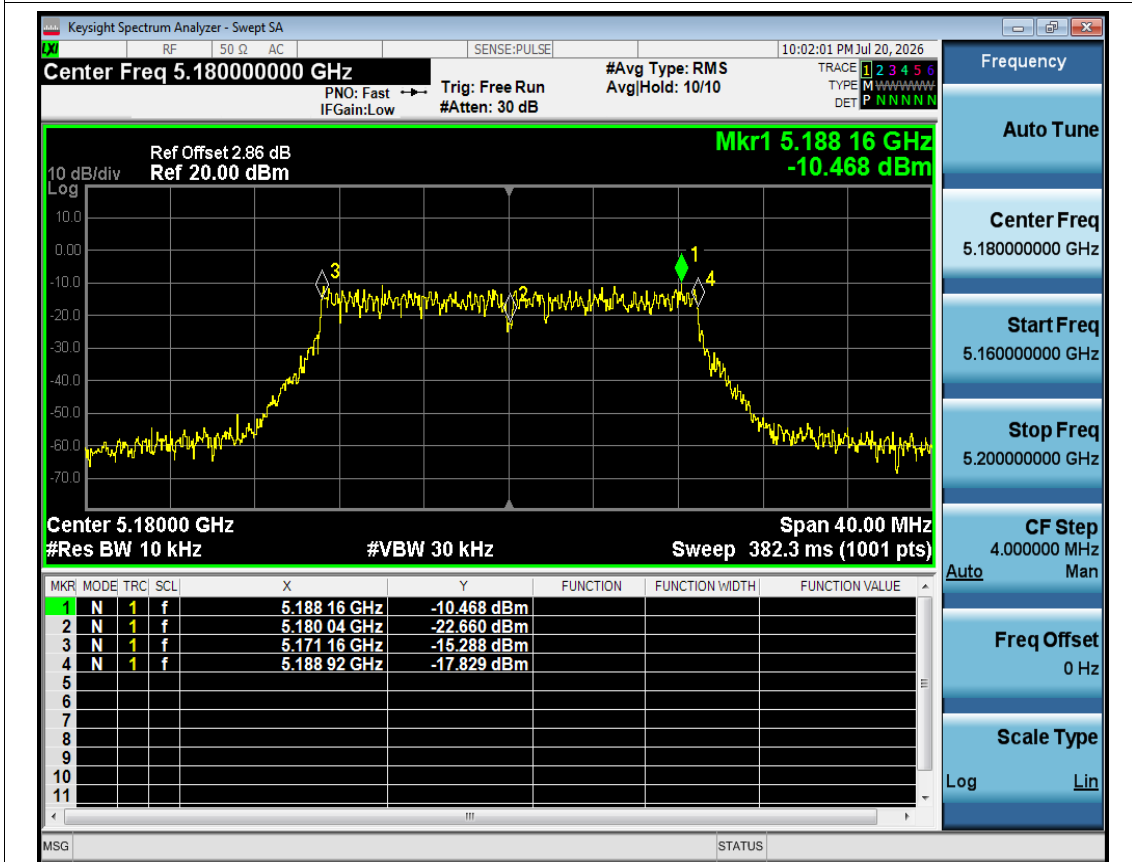
Freq. Stability NVNT a 5180MHz Ant1



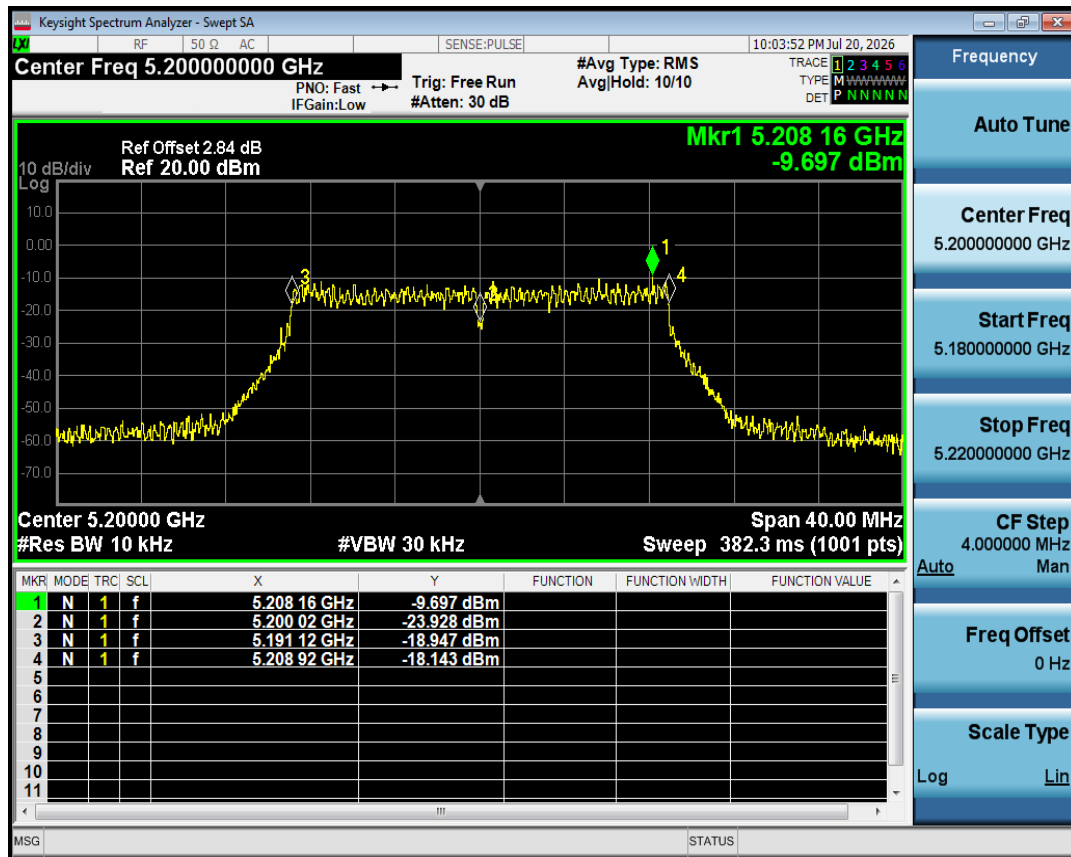
Freq. Stability NVNT a 5200MHz Ant1



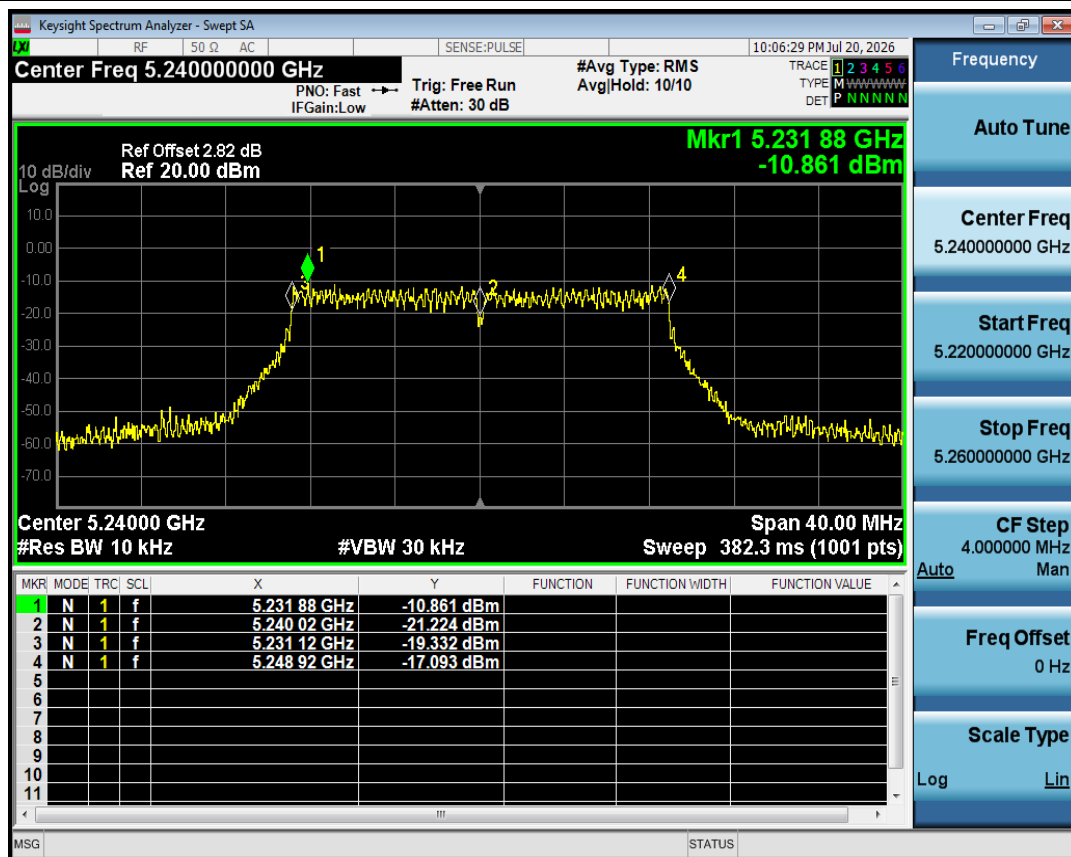
Freq. Stability NVNT a 5240MHz Ant1



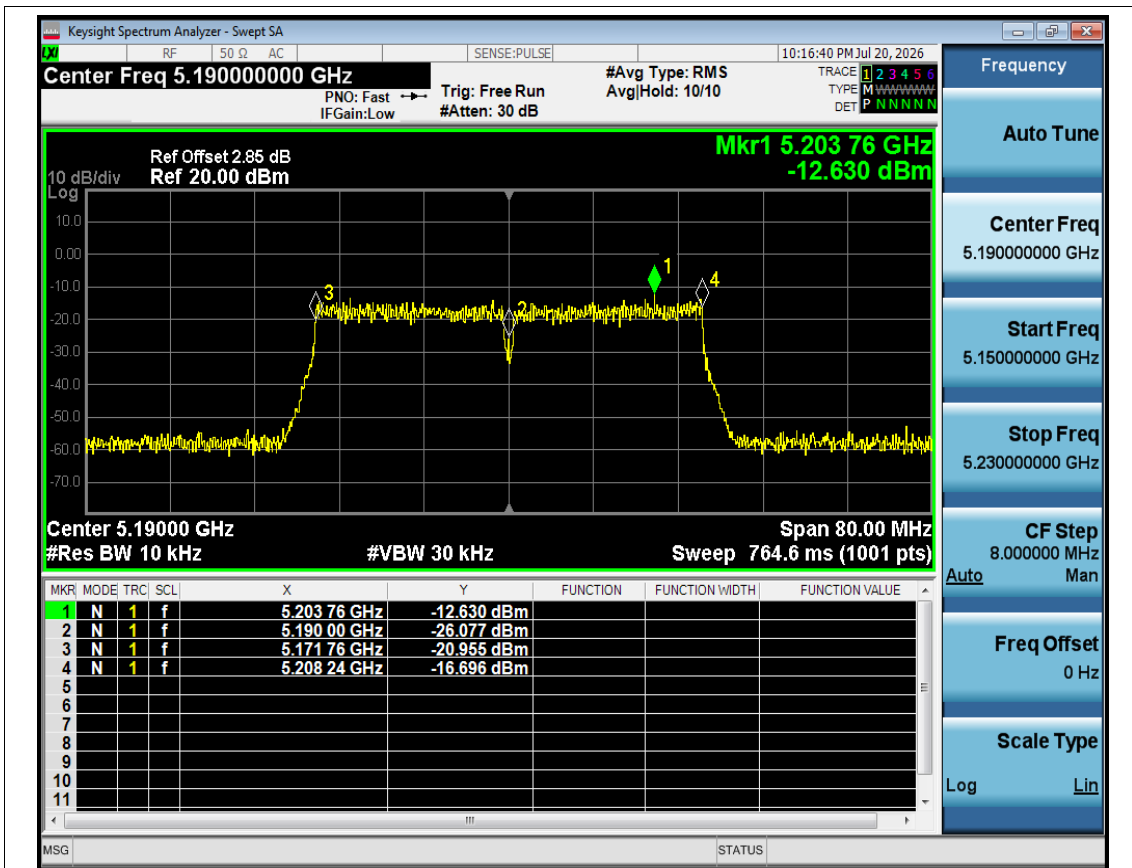
Freq. Stability NVNT n20 5180MHz Ant1



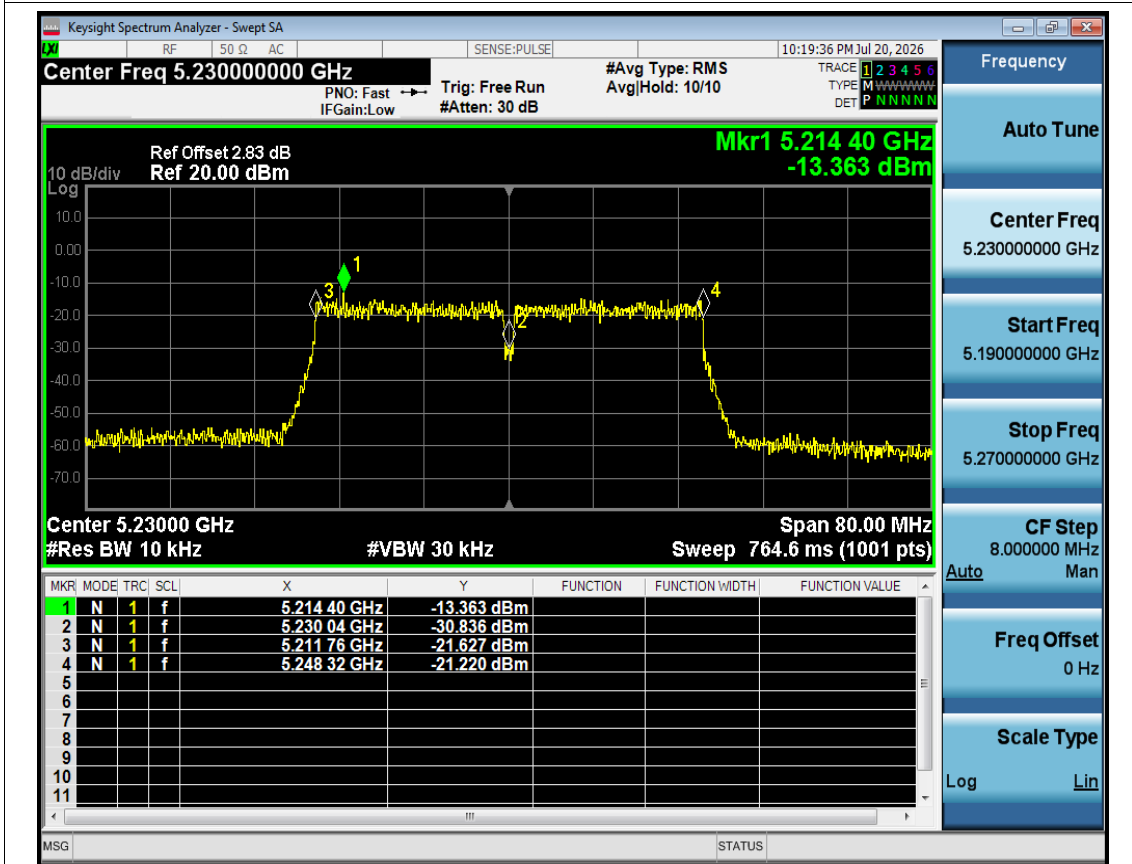
Freq. Stability NVNT n20 5200MHz Ant1



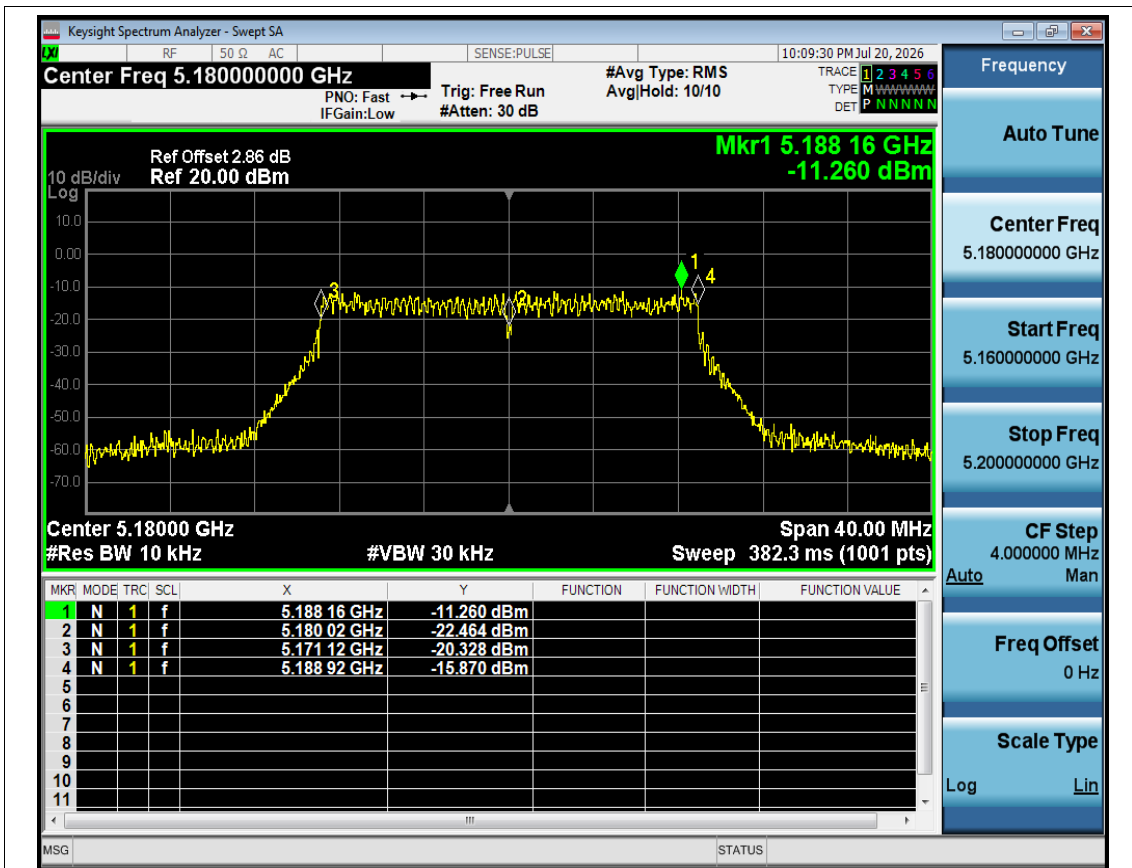
Freq. Stability NVNT n20 5240MHz Ant1



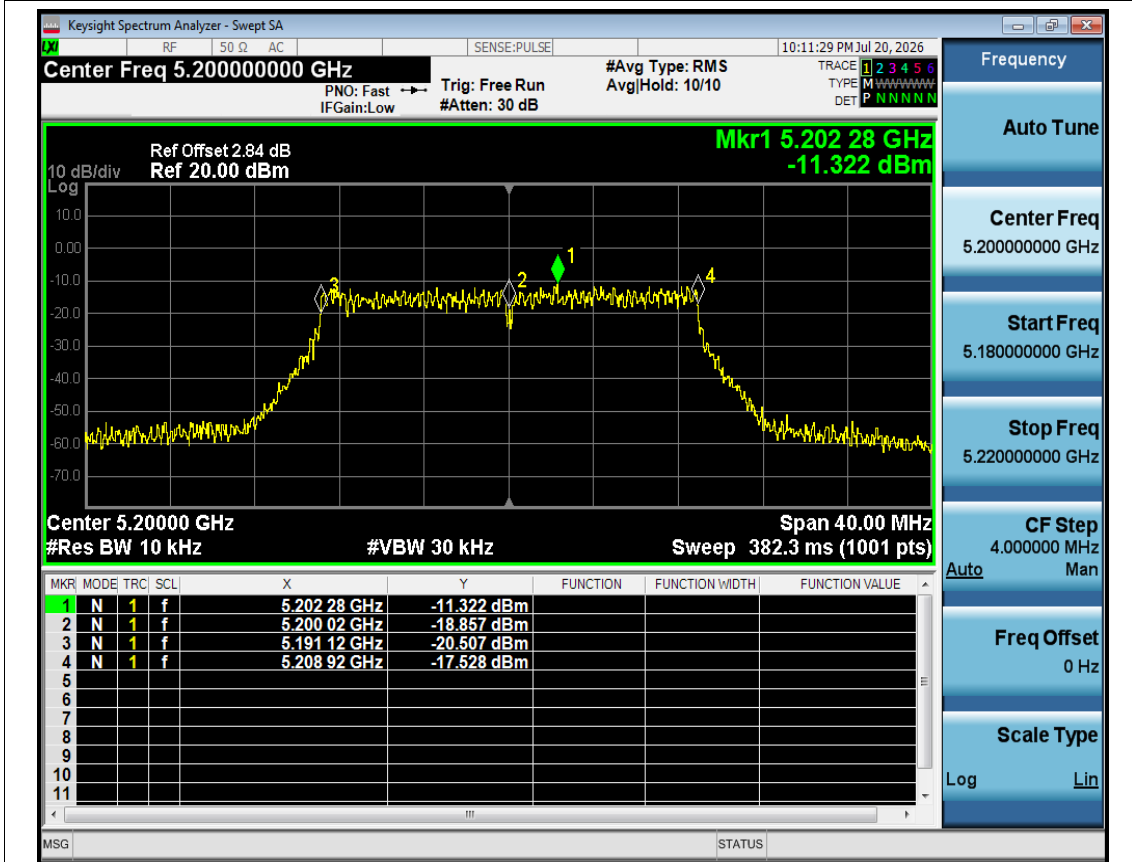
Freq. Stability NVNT n40 5190MHz Ant1



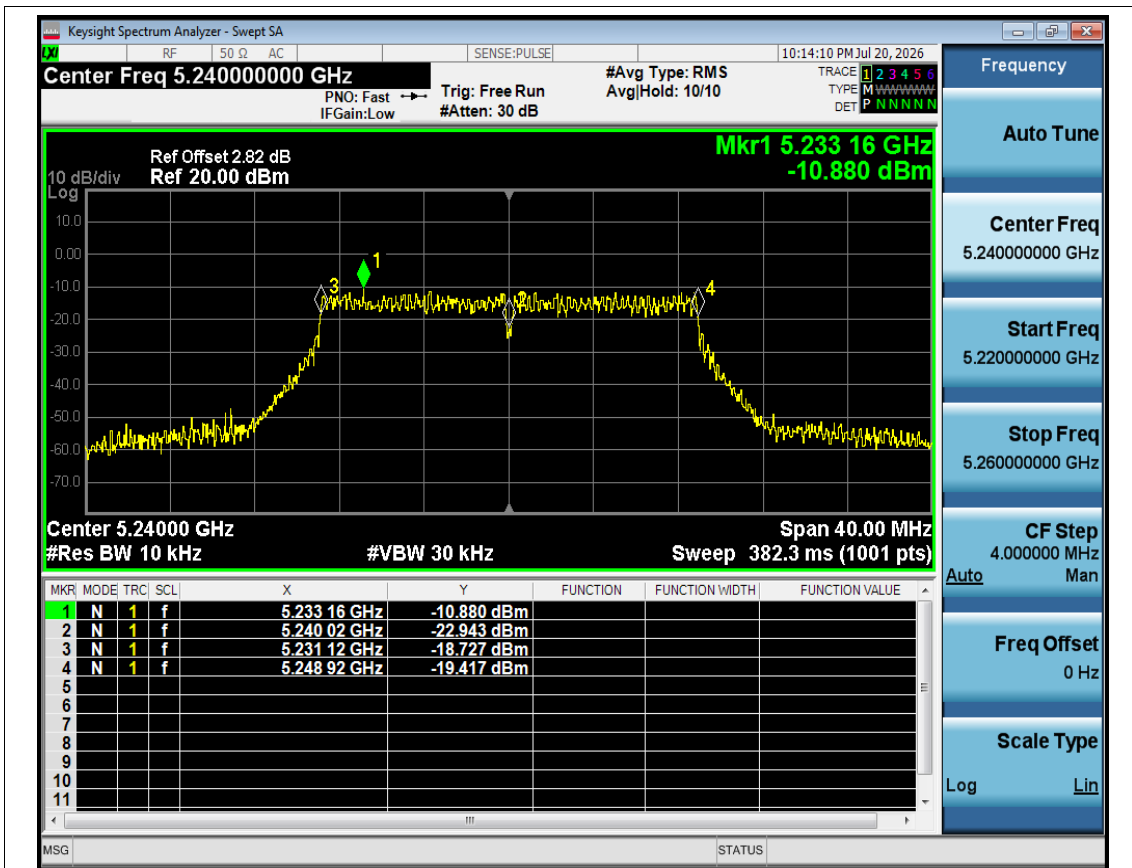
Freq. Stability NVNT n40 5230MHz Ant1



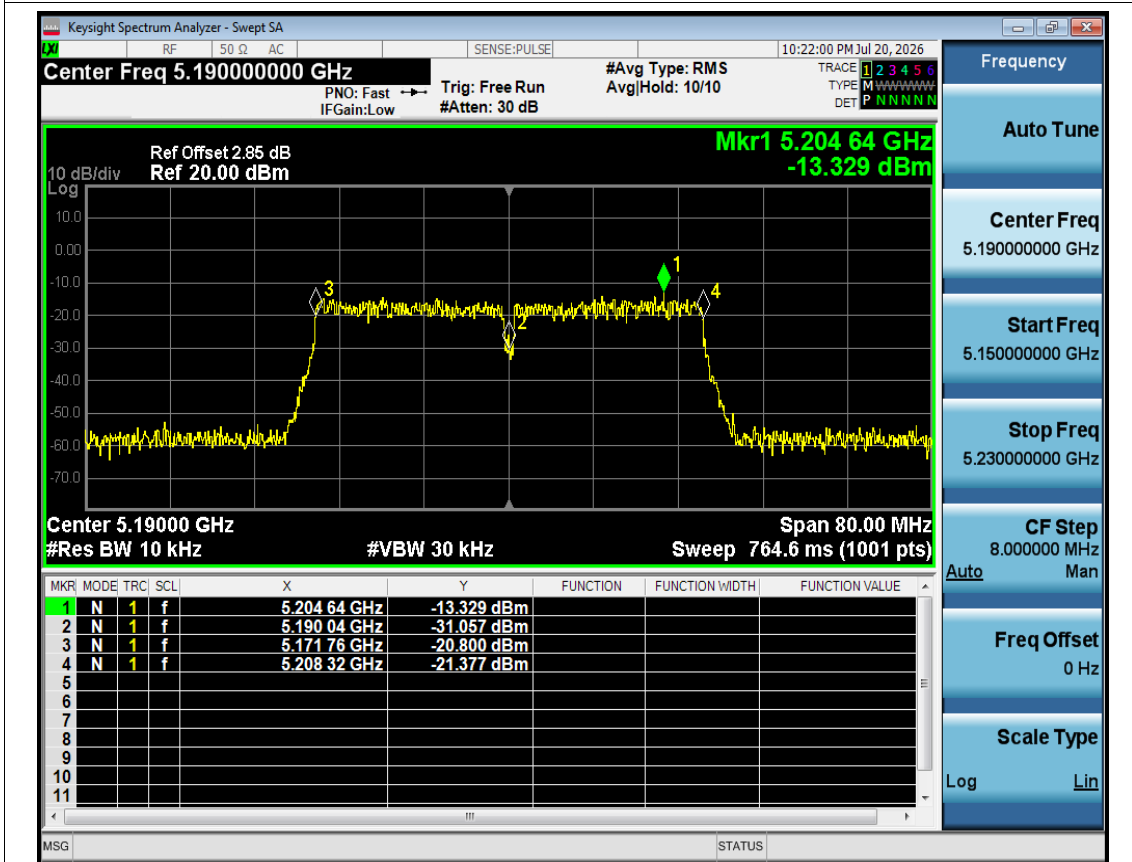
Freq. Stability NVNT ac20 5180MHz Ant1



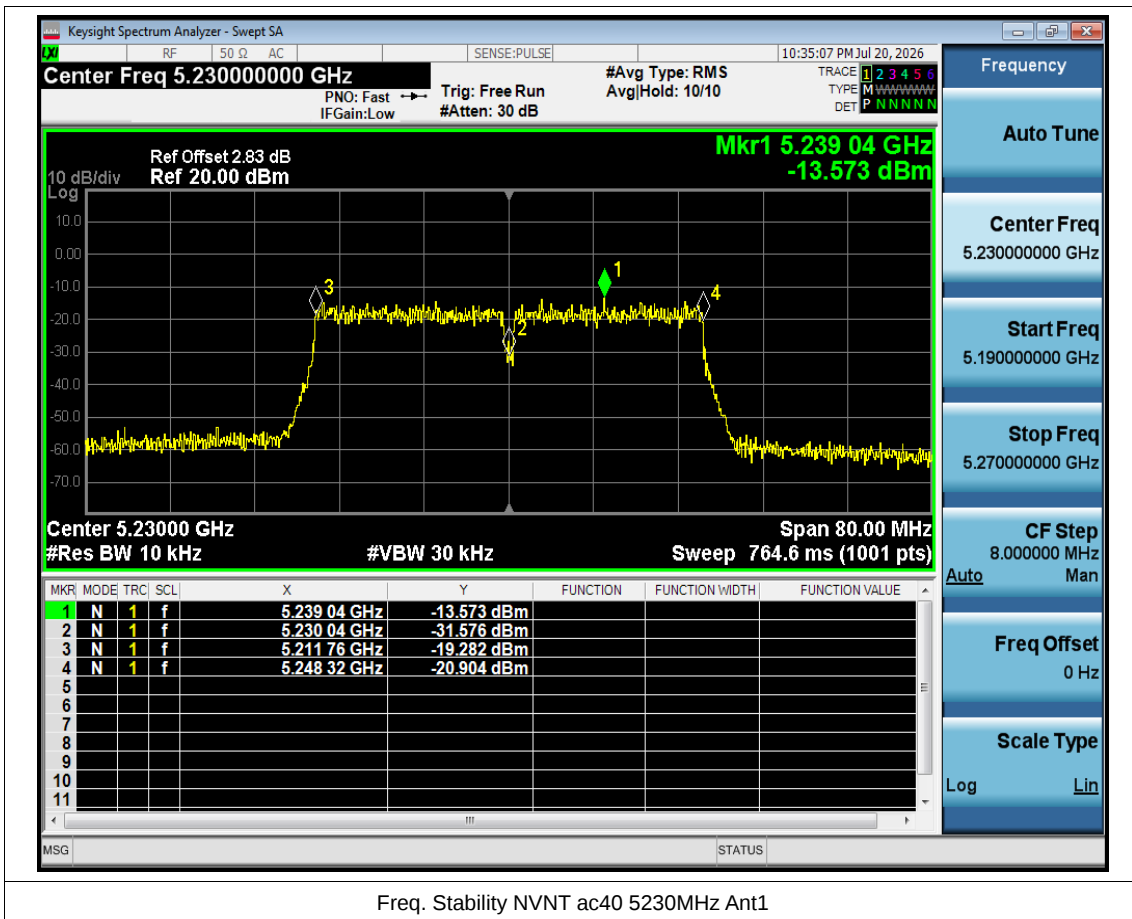
Freq. Stability NVNT ac20 5200MHz Ant1



Freq. Stability NVNT ac20 5240MHz Ant1

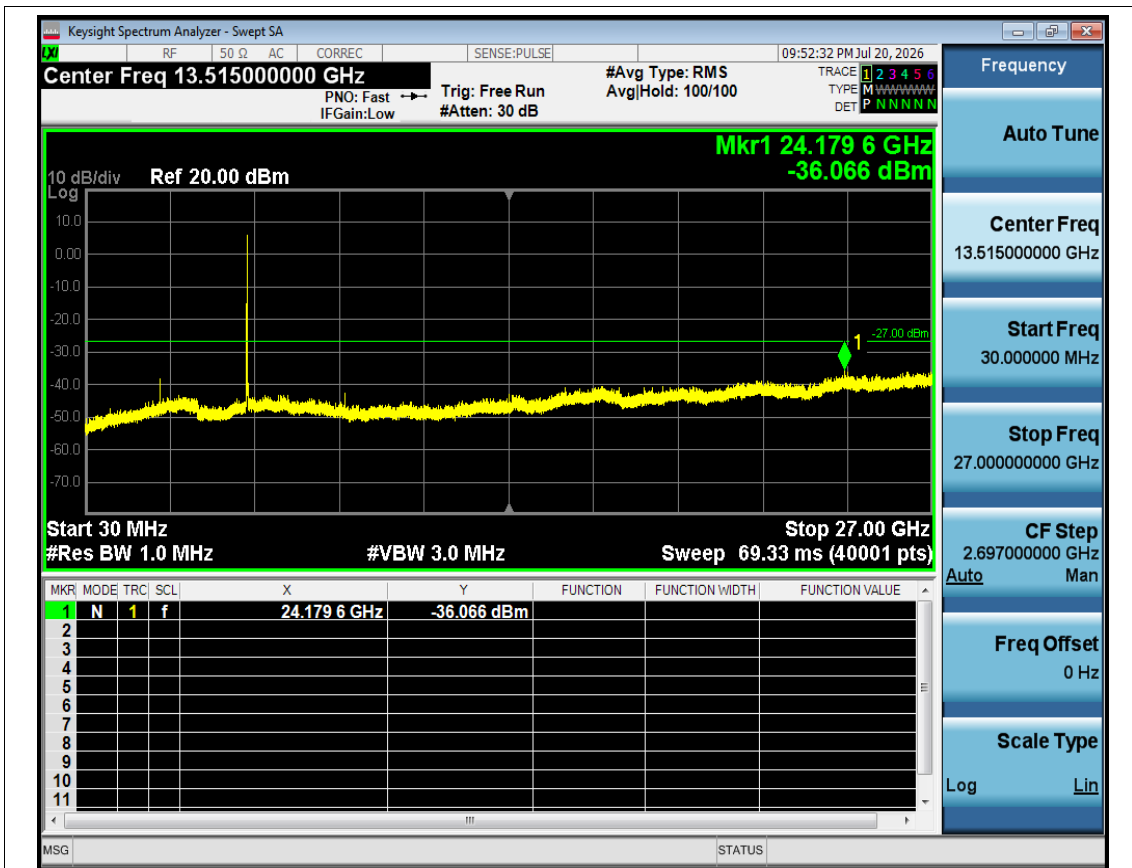


Freq. Stability NVNT ac40 5190MHz Ant1

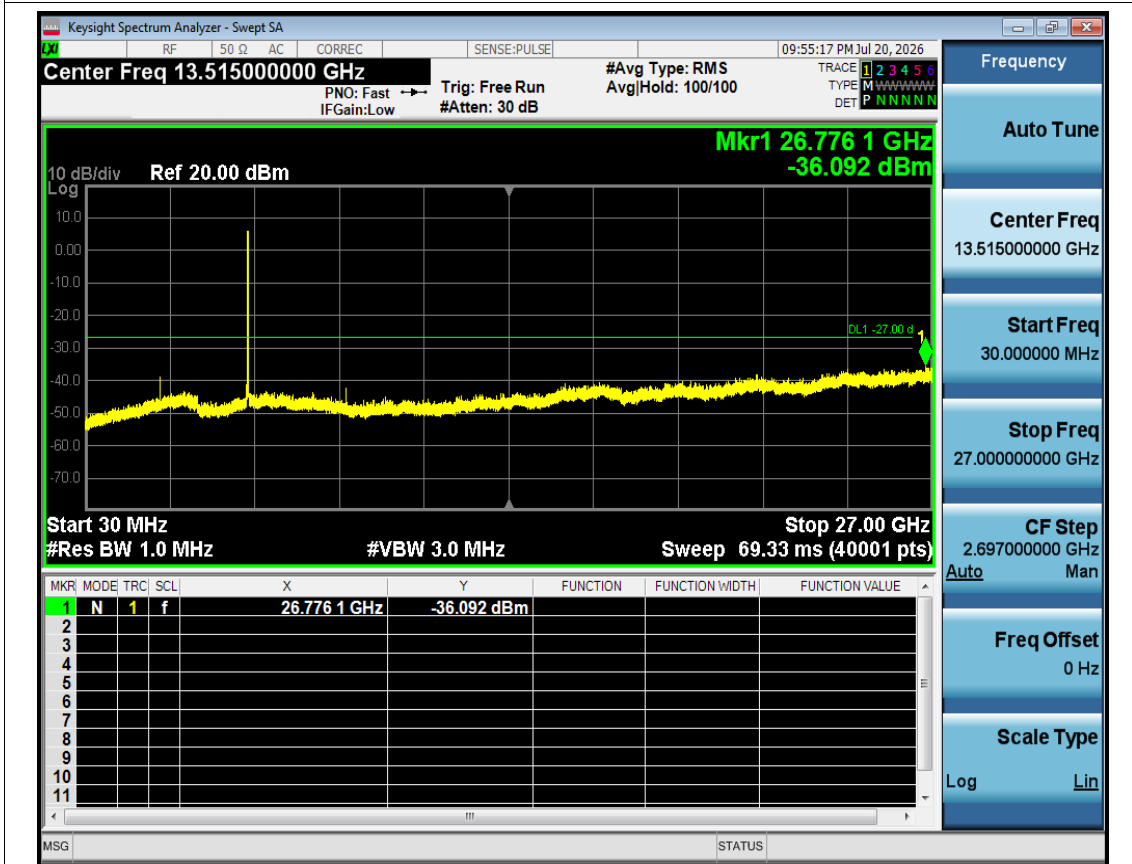


Conducted RF Spurious Emission

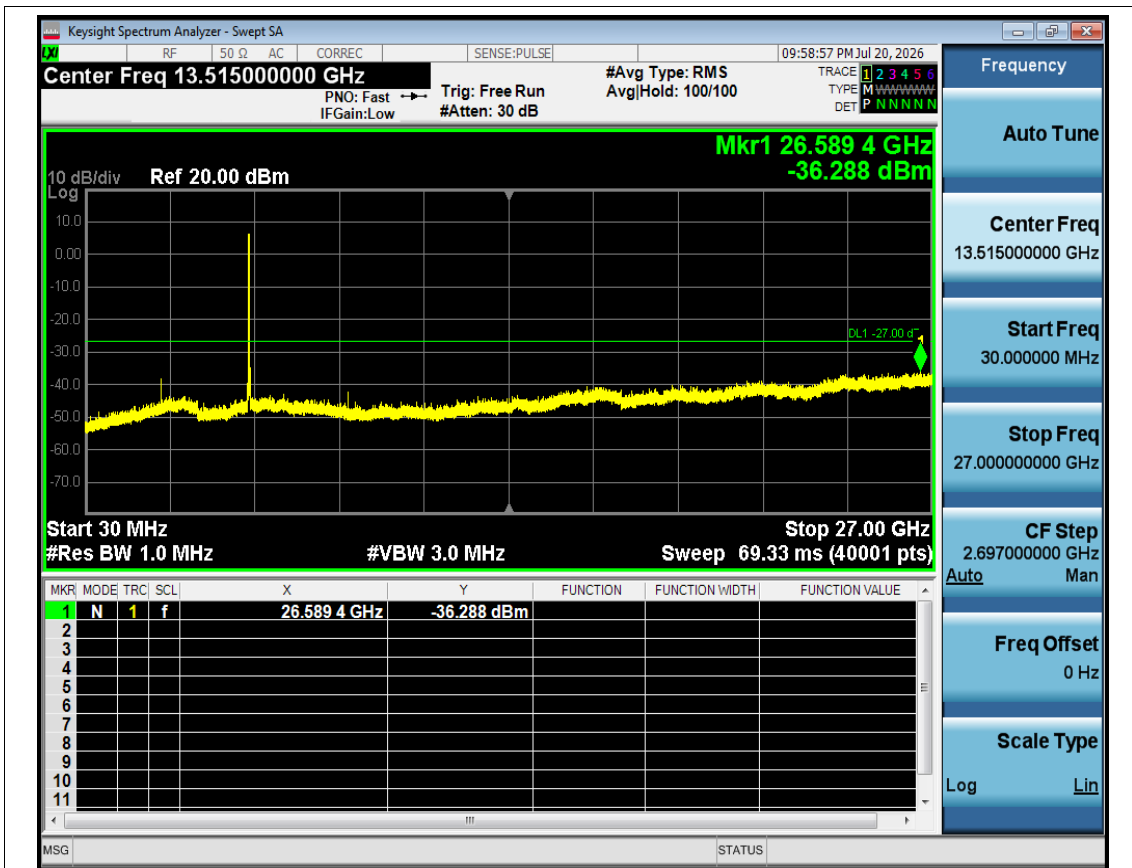
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-36.06	-27	Pass
NVNT	a	5200	Ant1	-36.09	-27	Pass
NVNT	a	5240	Ant1	-36.28	-27	Pass
NVNT	n20	5180	Ant1	-35.38	-27	Pass
NVNT	n20	5200	Ant1	-36.4	-27	Pass
NVNT	n20	5240	Ant1	-36.01	-27	Pass
NVNT	n40	5190	Ant1	-35.95	-27	Pass
NVNT	n40	5230	Ant1	-36.07	-27	Pass
NVNT	ac20	5180	Ant1	-35.8	-27	Pass
NVNT	ac20	5200	Ant1	-35.5	-27	Pass
NVNT	ac20	5240	Ant1	-35.8	-27	Pass
NVNT	ac40	5190	Ant1	-35.13	-27	Pass
NVNT	ac40	5230	Ant1	-35.98	-27	Pass



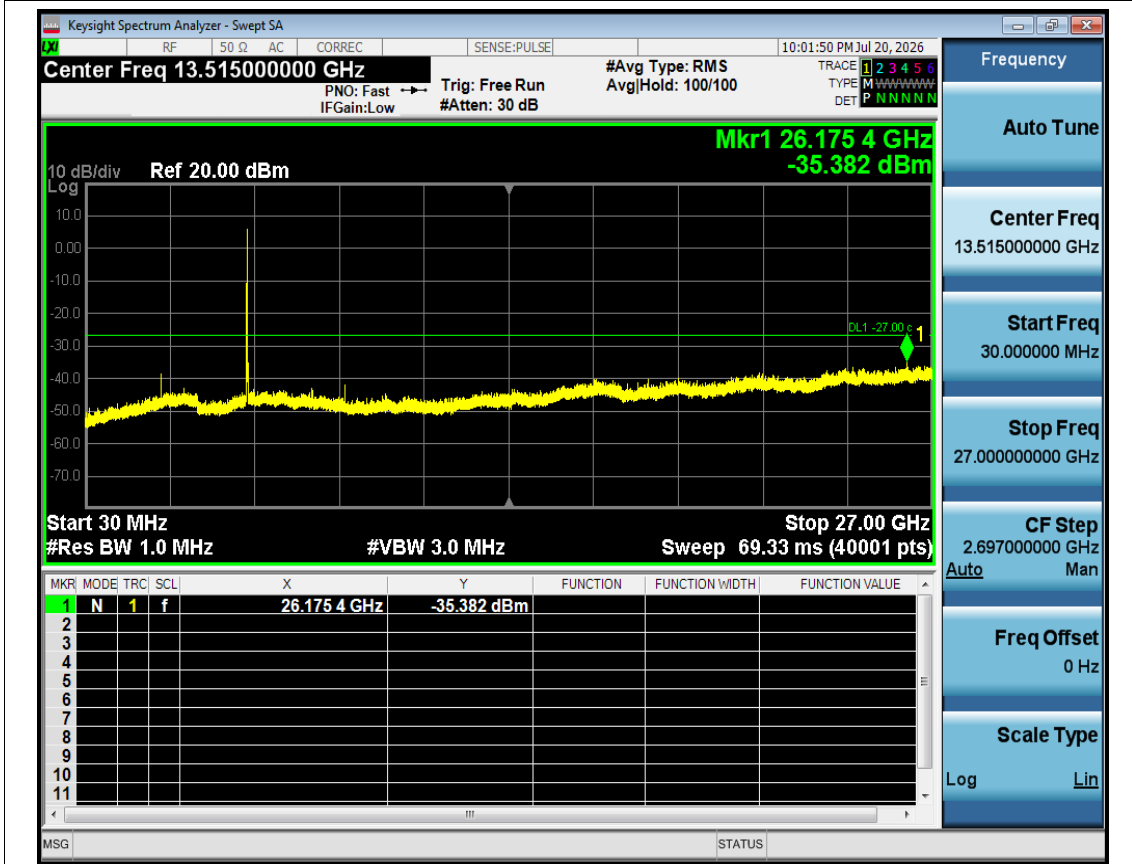
Tx. Spurious NVNT a 5180MHz Ant1 Emission



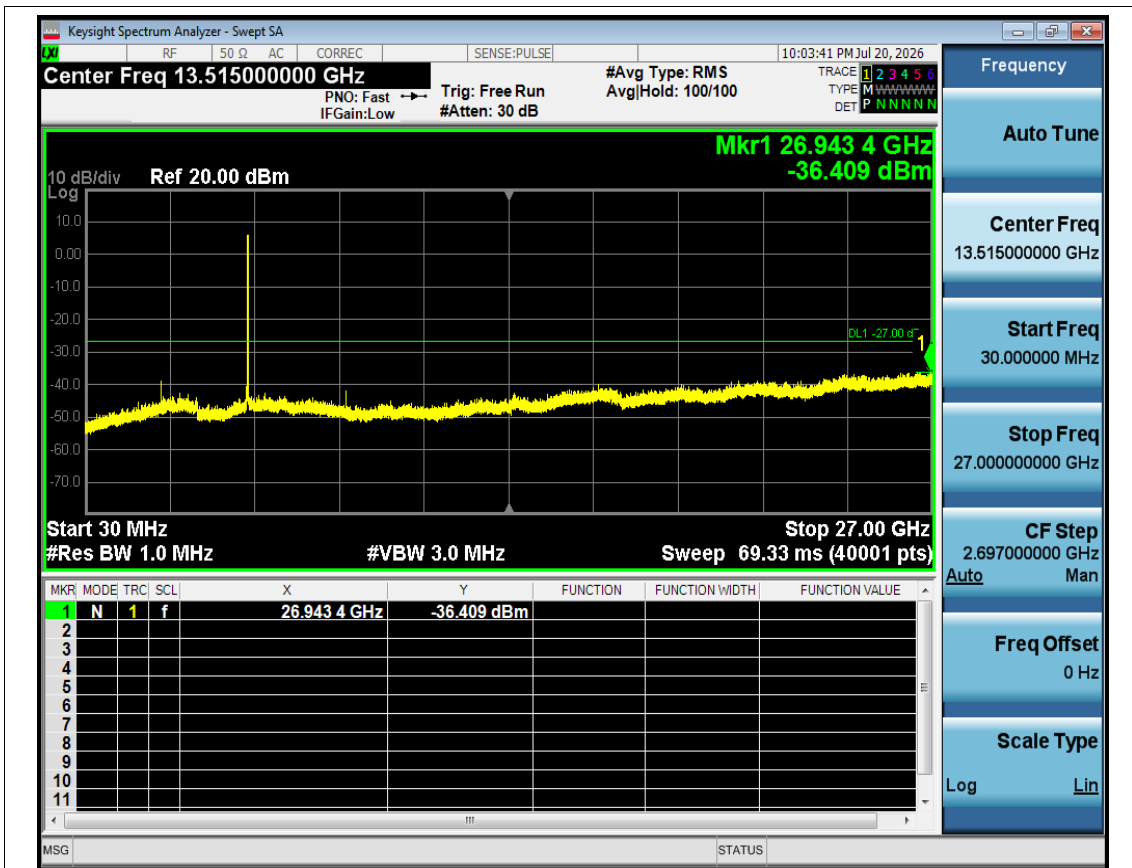
Tx. Spurious NVNT a 5200MHz Ant1 Emission



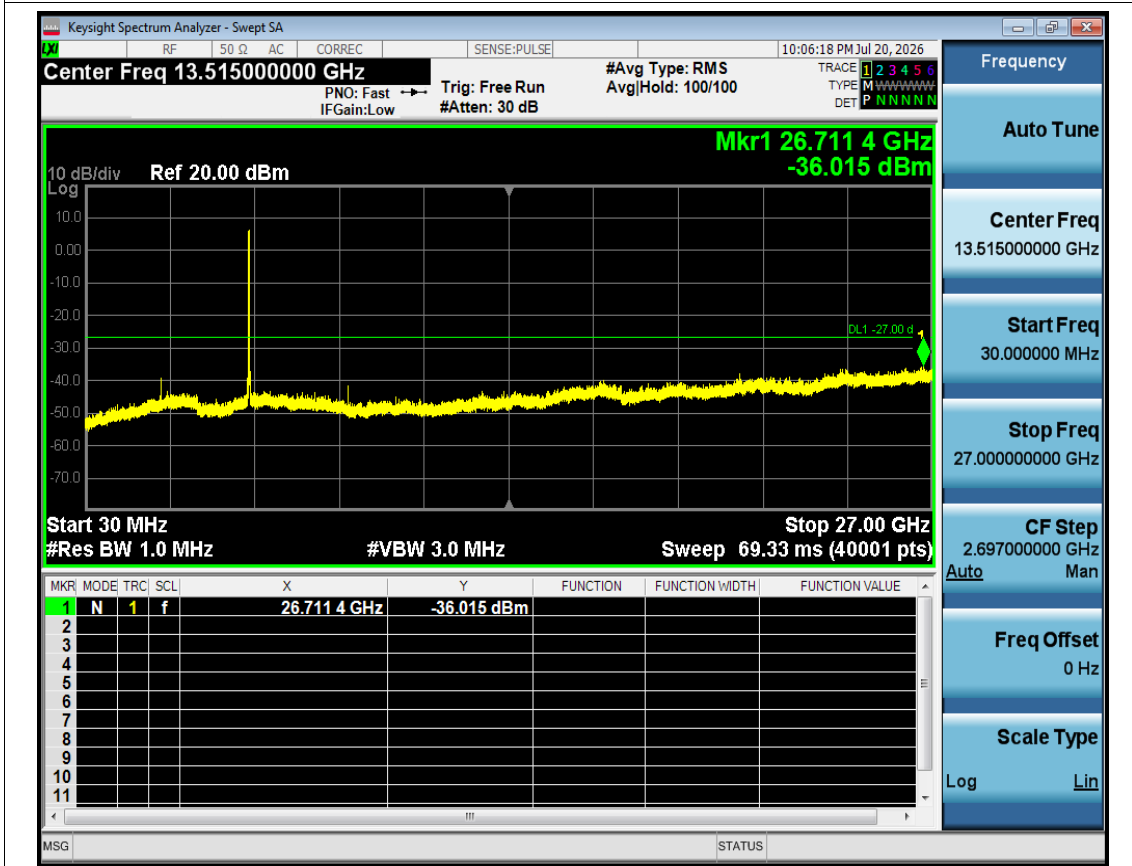
Tx. Spurious NVNT a 5240MHz Ant1 Emission



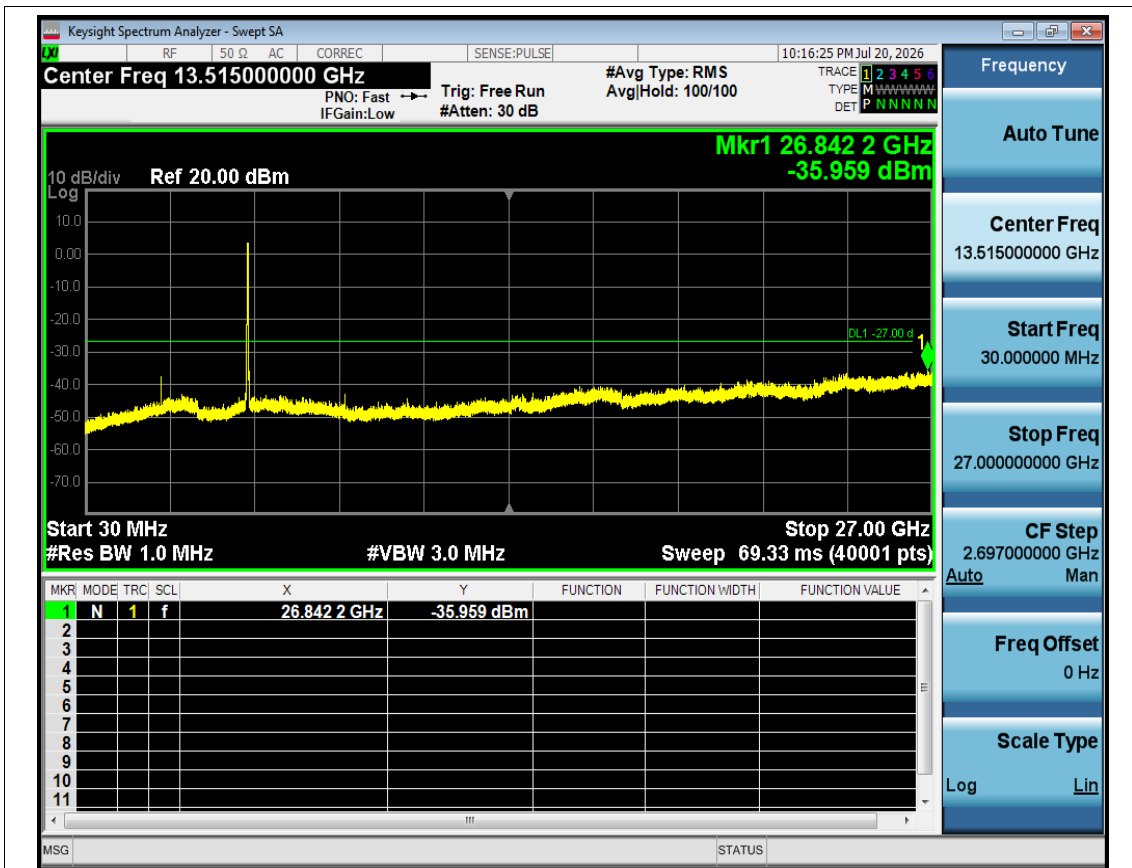
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



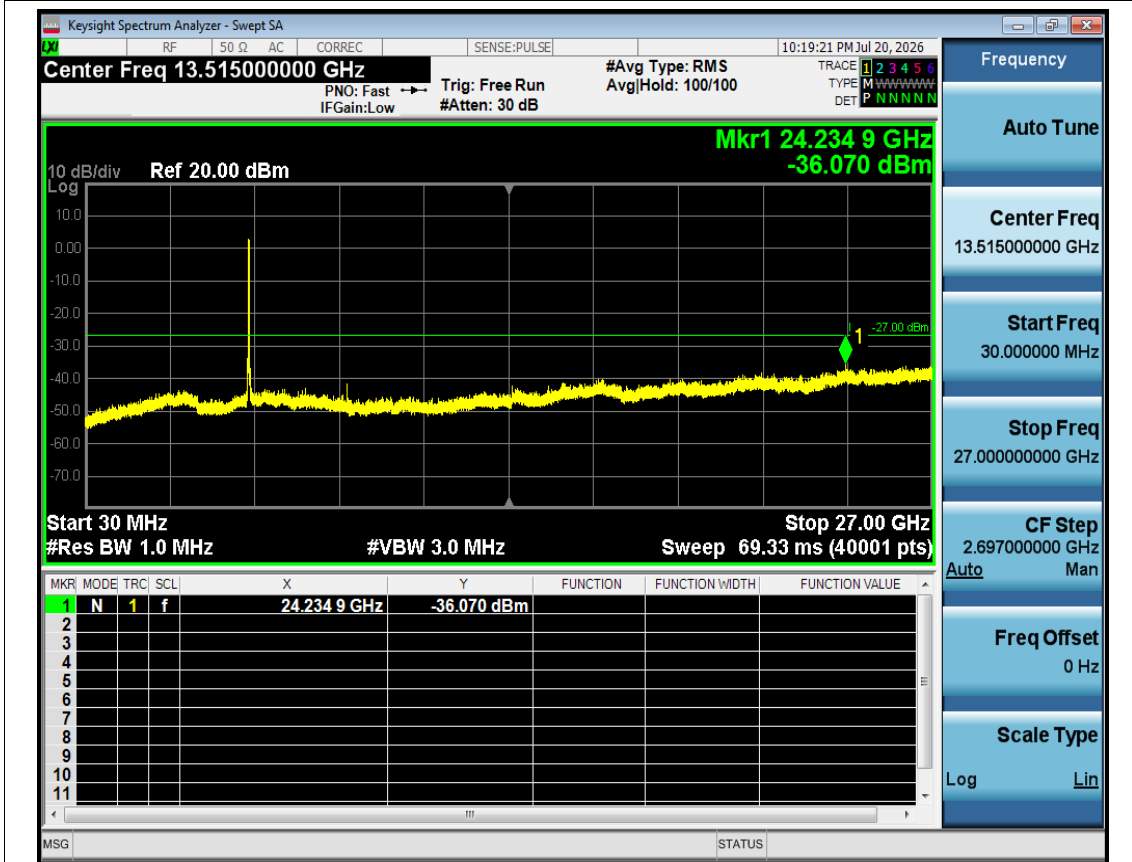
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



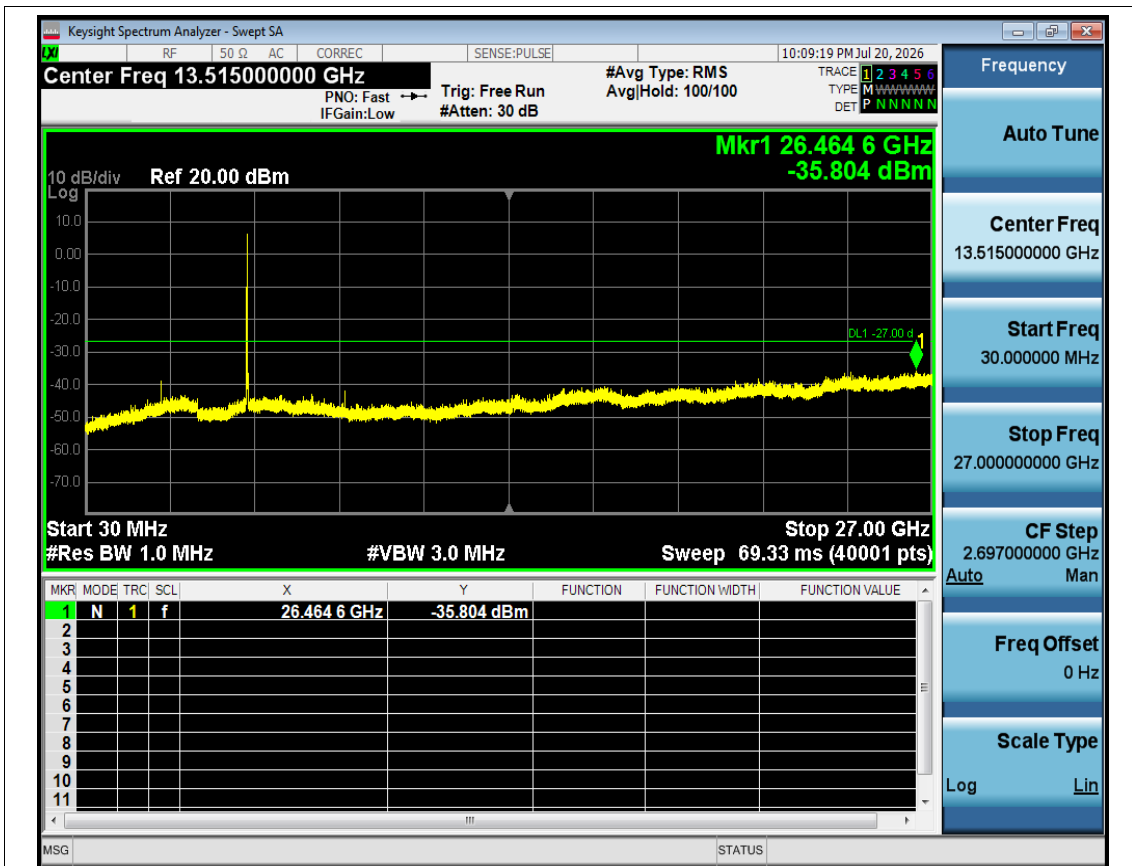
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



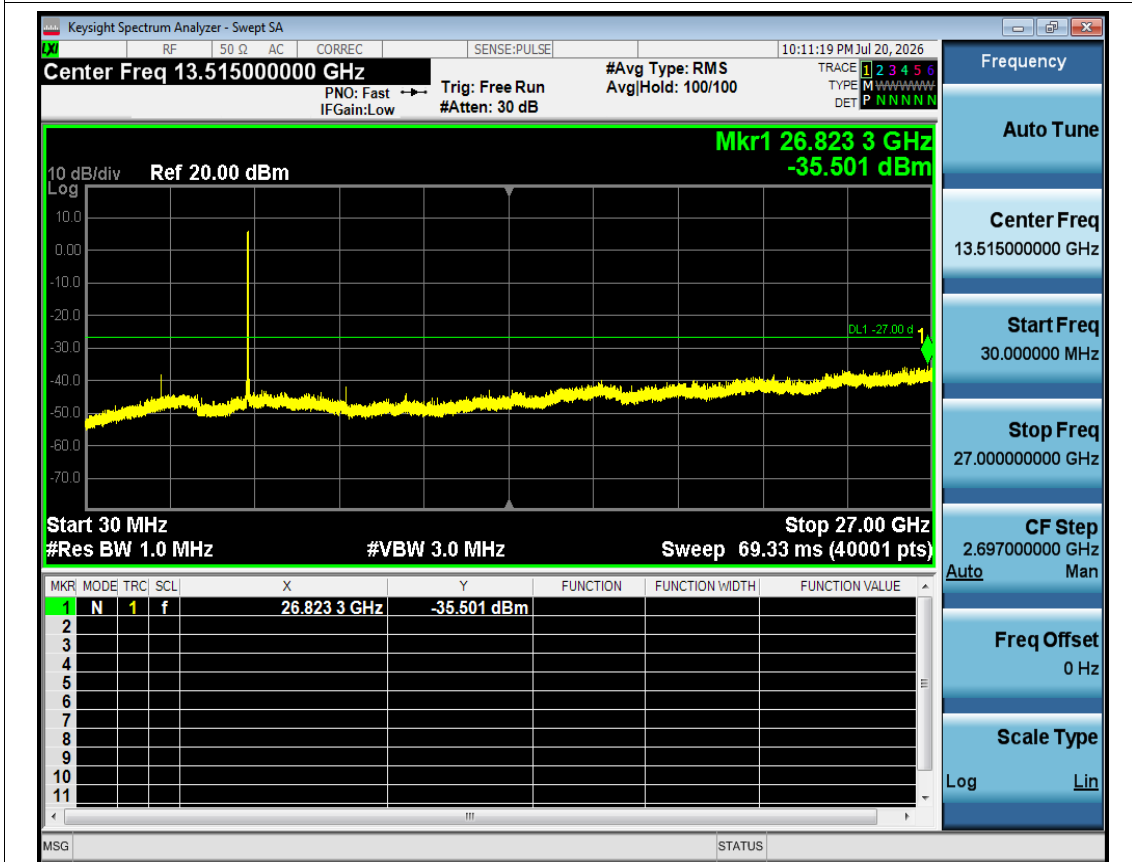
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



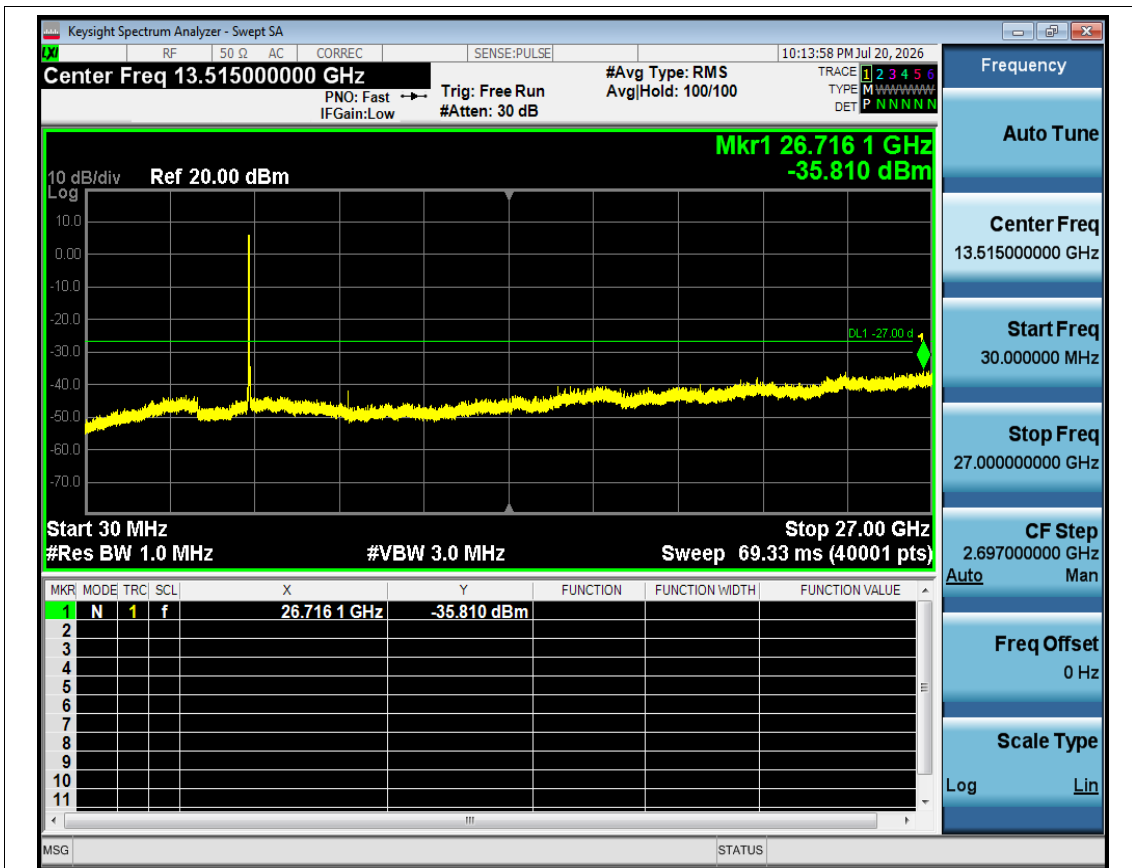
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



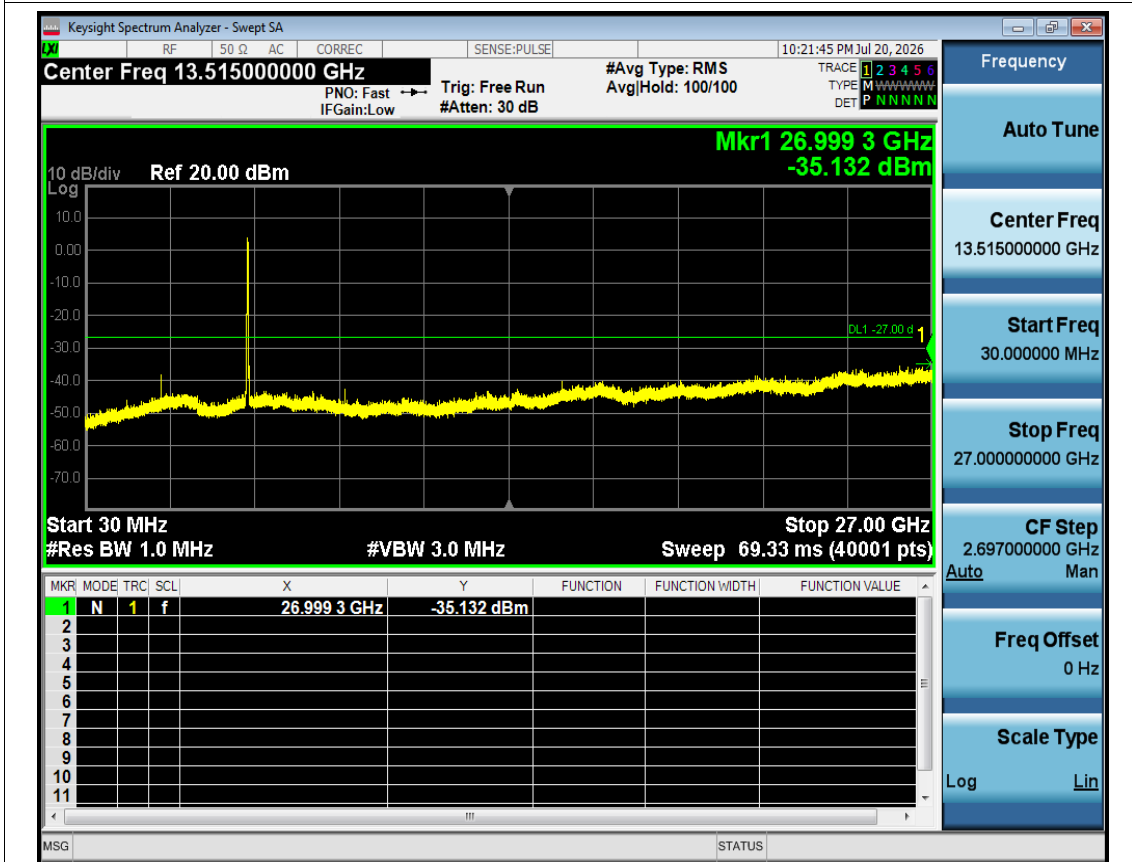
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission

