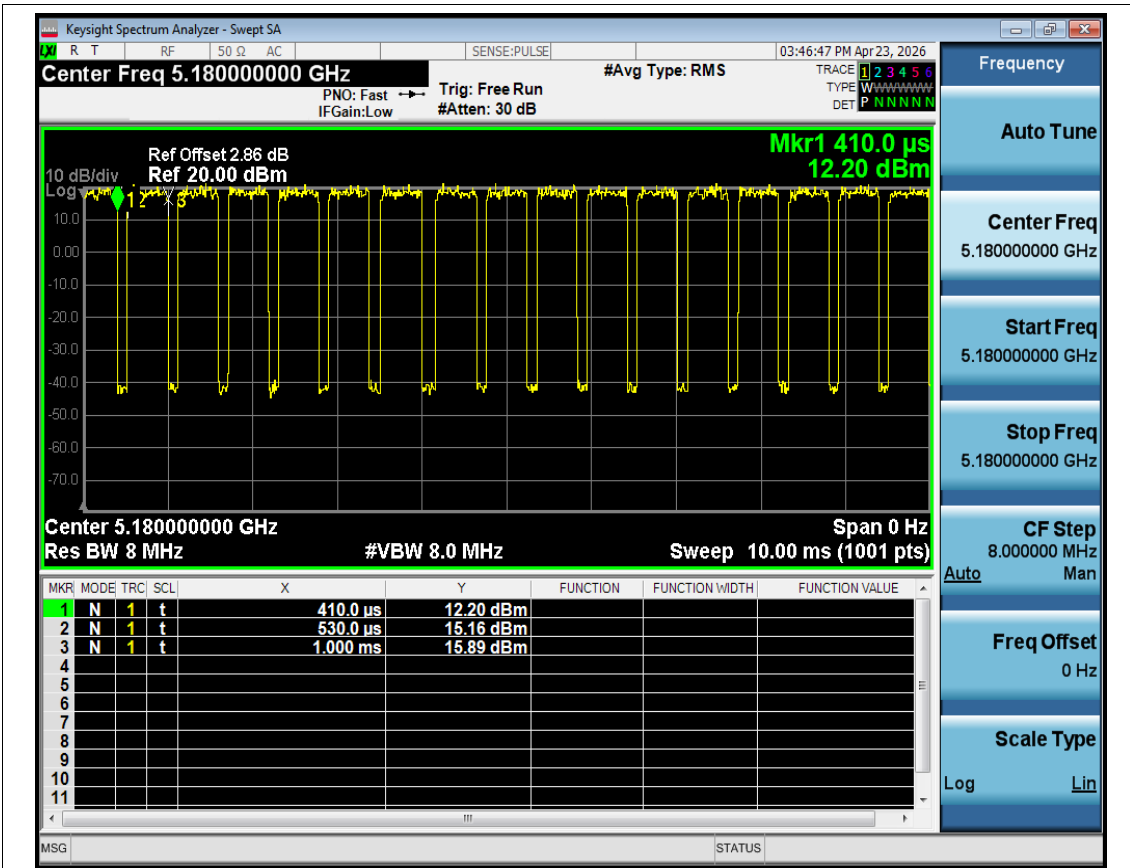

FCC_5.2G_WIFI Test Data
Report No.:NCT26016614XE1-3
FCC ID:2BMR6-ACW2303CP

RF Test Data

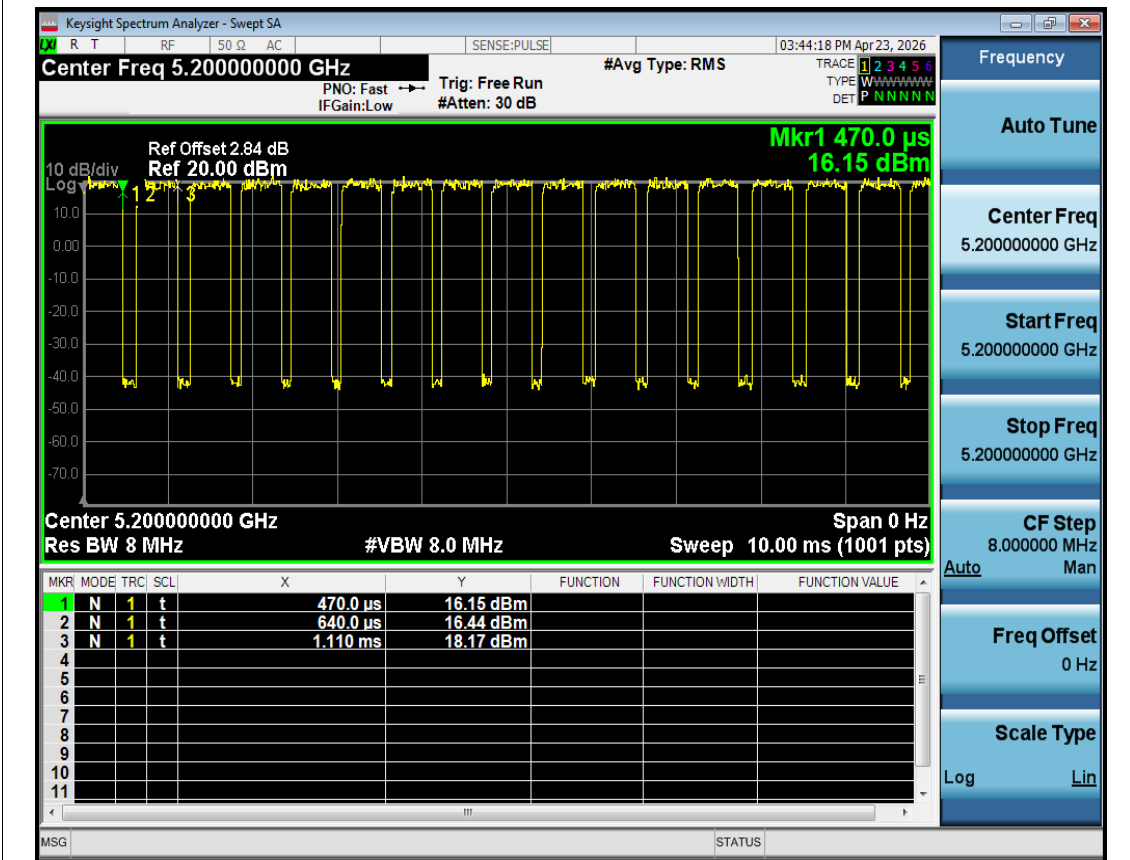
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Duty Cycle

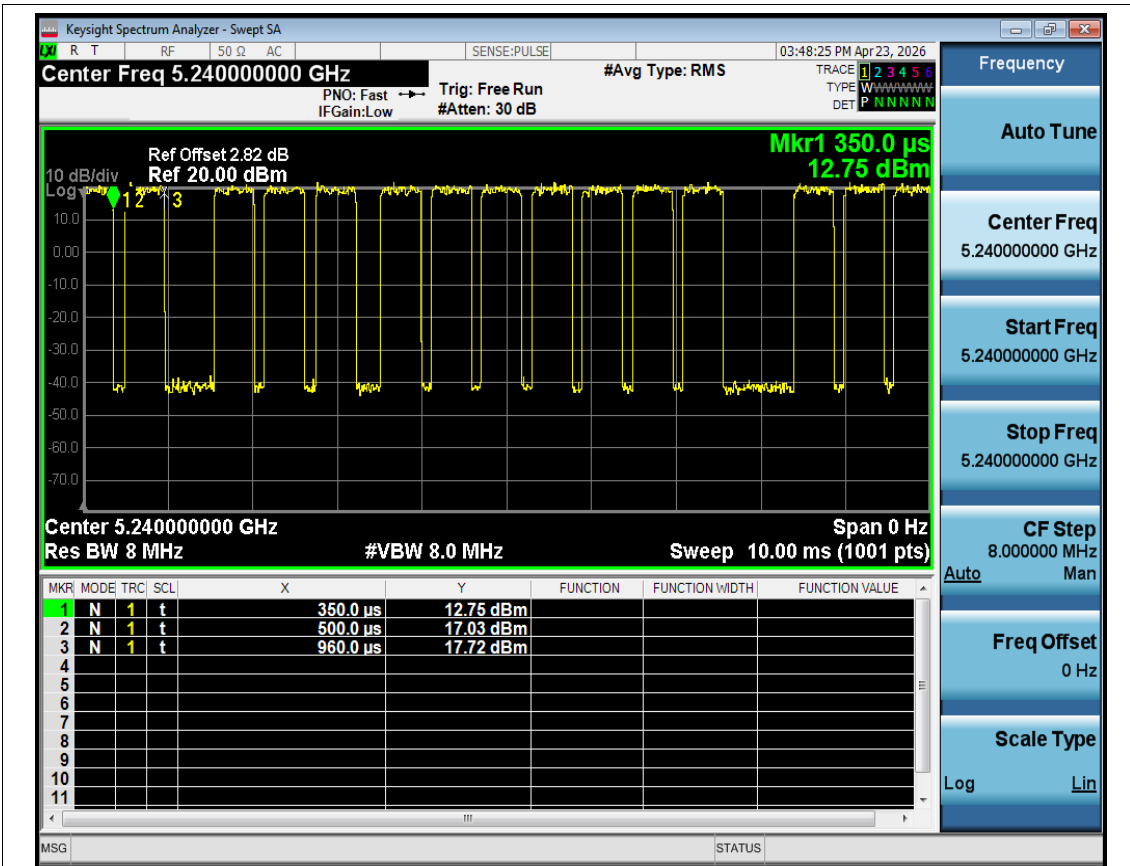
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	79.66	0.99	2.13
NVNT	a	5200	Ant1	73.44	1.34	2.13
NVNT	a	5240	Ant1	75.41	1.23	2.17
NVNT	n20	5180	Ant1	96.89	0.14	0.27
NVNT	n20	5200	Ant1	95.65	0.19	0.27
NVNT	n20	5240	Ant1	96.89	0.14	0.27
NVNT	n40	5190	Ant1	64.71	1.89	4.55
NVNT	n40	5230	Ant1	52.5	2.8	4.76
NVNT	ac20	5180	Ant1	95.91	0.18	0.27
NVNT	ac20	5200	Ant1	94.94	0.23	0.27
NVNT	ac20	5240	Ant1	96.4	0.16	0.27
NVNT	ac40	5190	Ant1	60	2.22	5.56
NVNT	ac40	5230	Ant1	45	3.47	5.56
NVNT	ax20	5180	Ant1	95.97	0.18	0.35
NVNT	ax20	5200	Ant1	92.56	0.34	0.35
NVNT	ax20	5240	Ant1	95.02	0.22	0.35
NVNT	ax40	5190	Ant1	53.85	2.69	7.14
NVNT	ax40	5230	Ant1	95.33	0.21	0.35



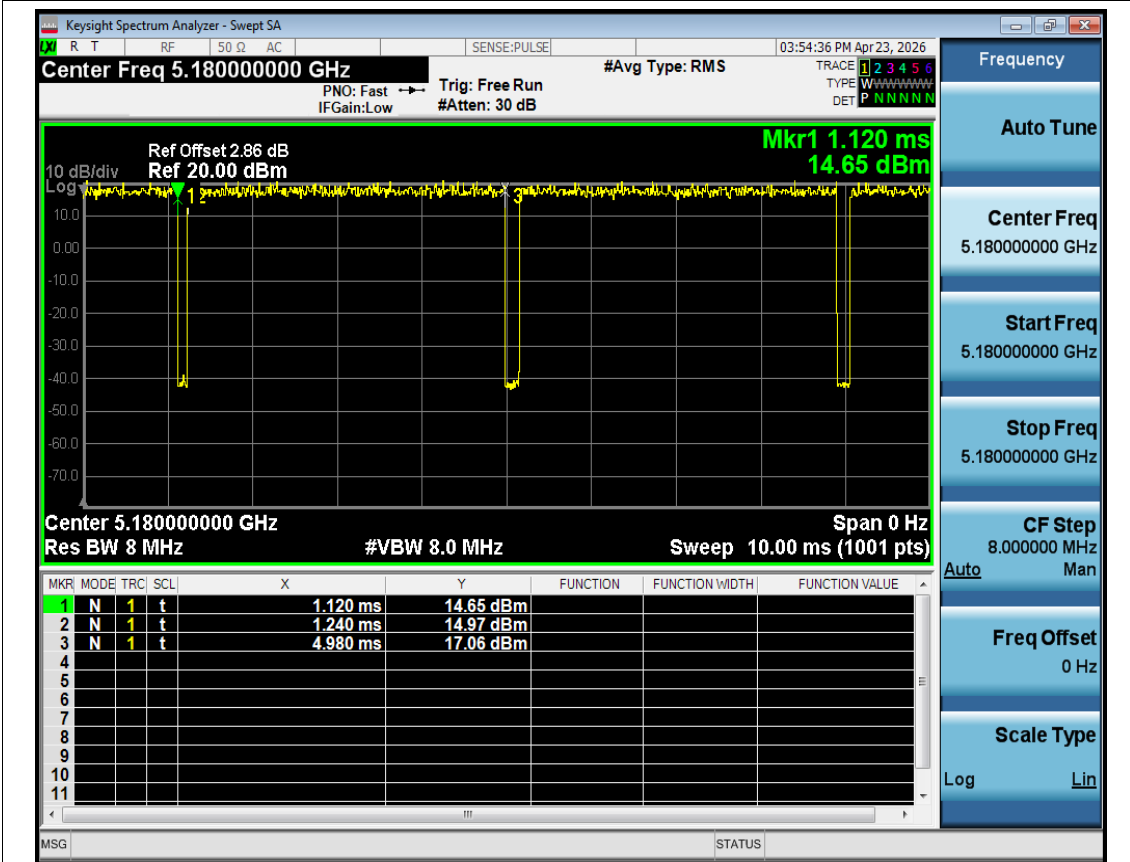
Duty Cycle NVNT a 5180MHz Ant1



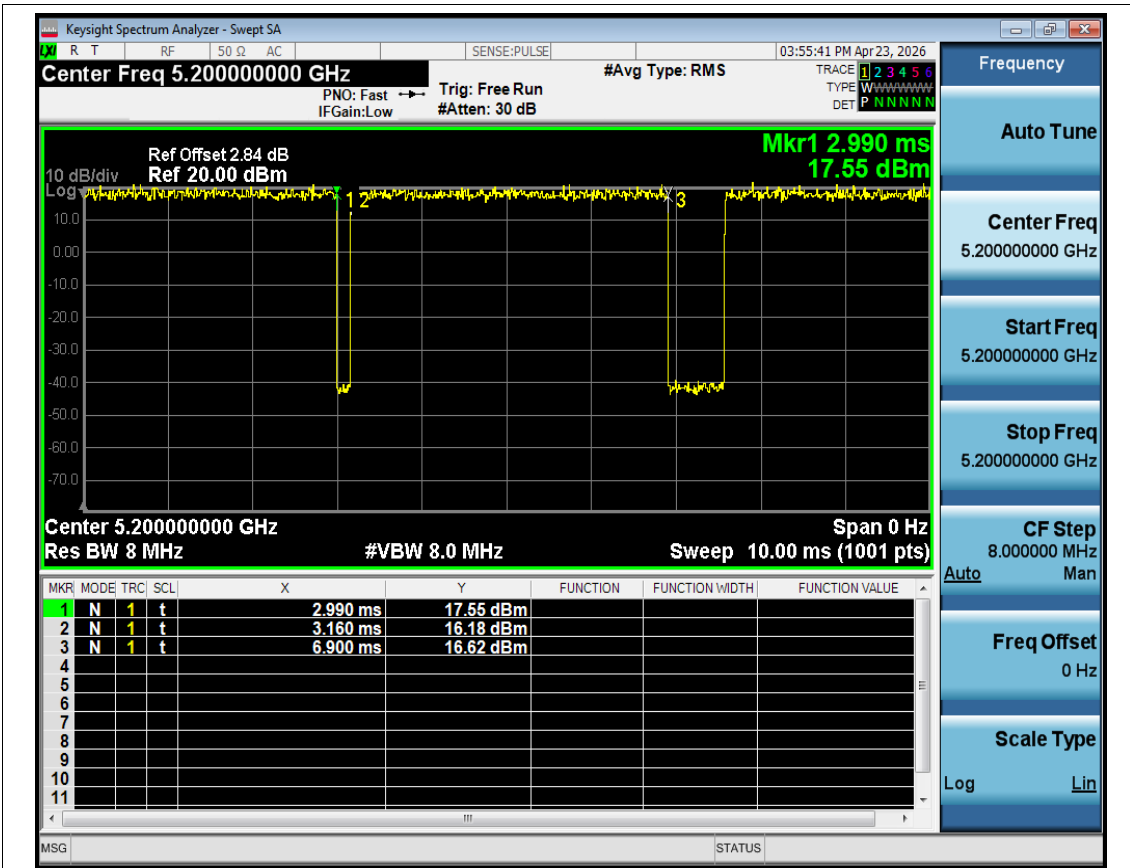
Duty Cycle NVNT a 5200MHz Ant1



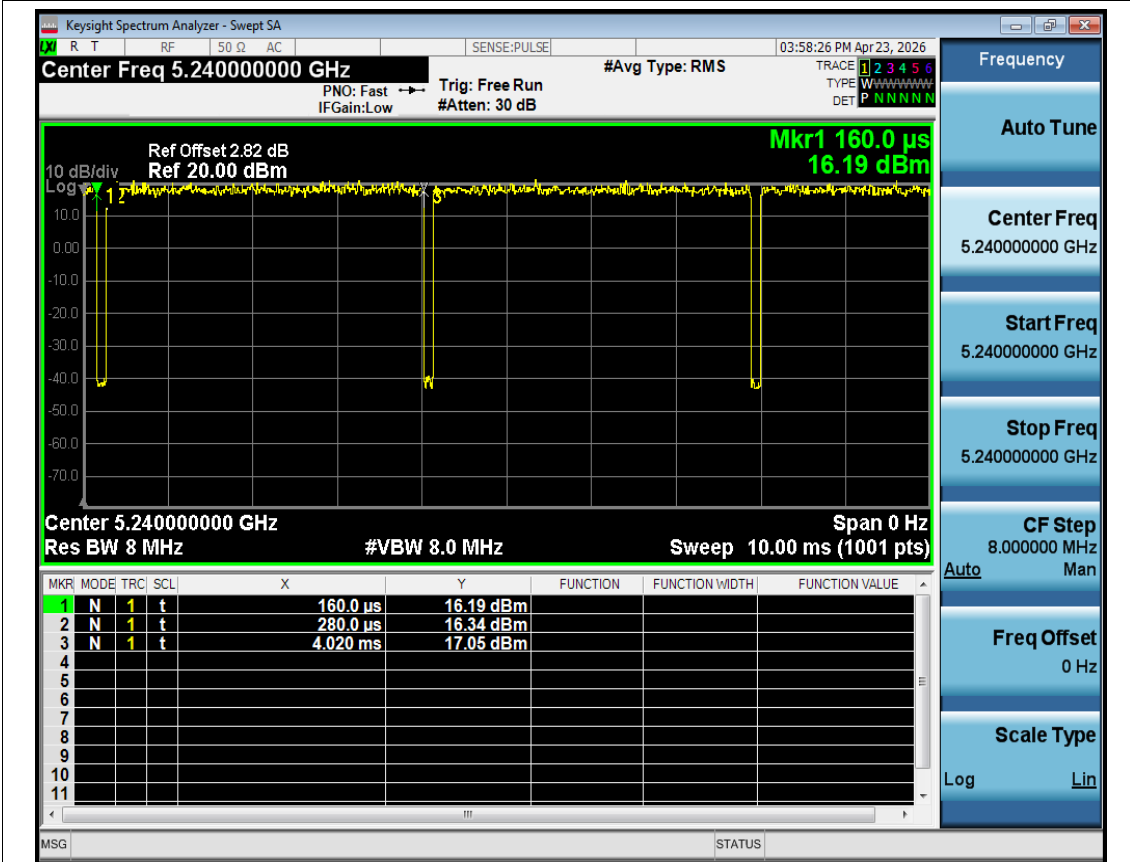
Duty Cycle NVNT a 5240MHz Ant1



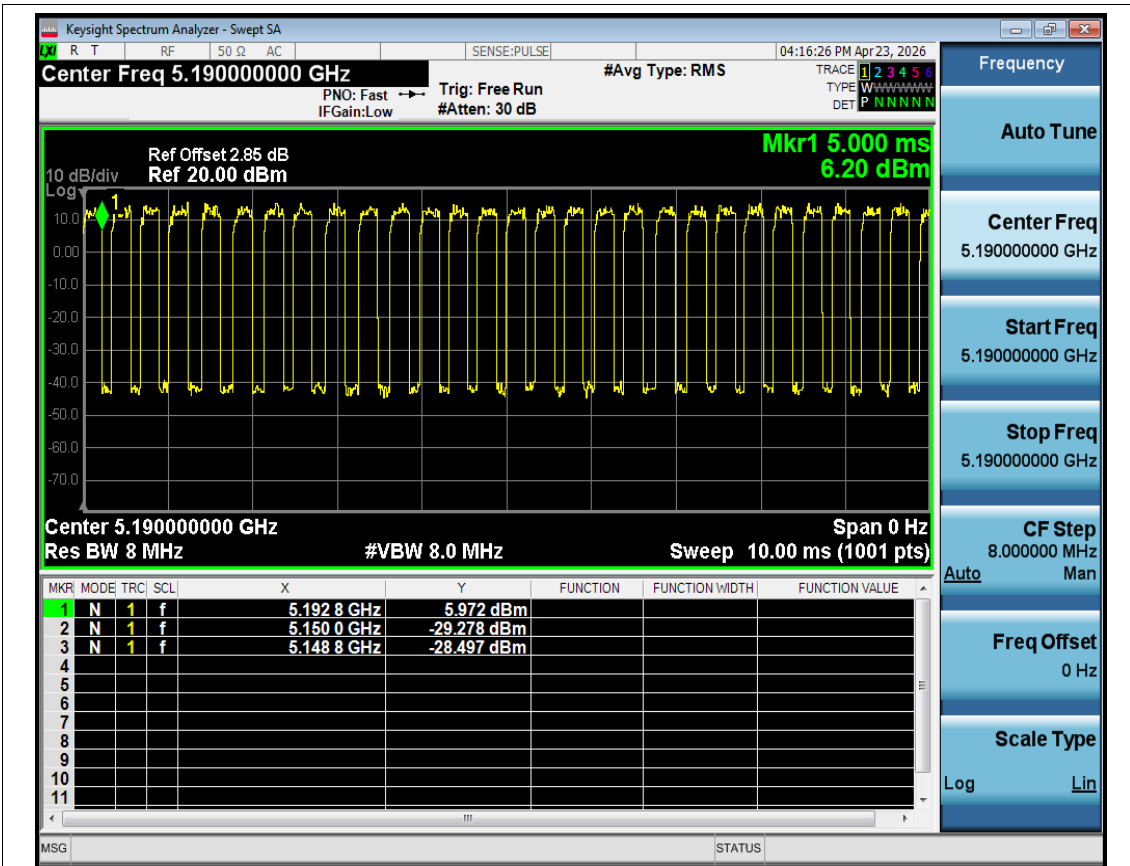
Duty Cycle NVNT n20 5180MHz Ant1



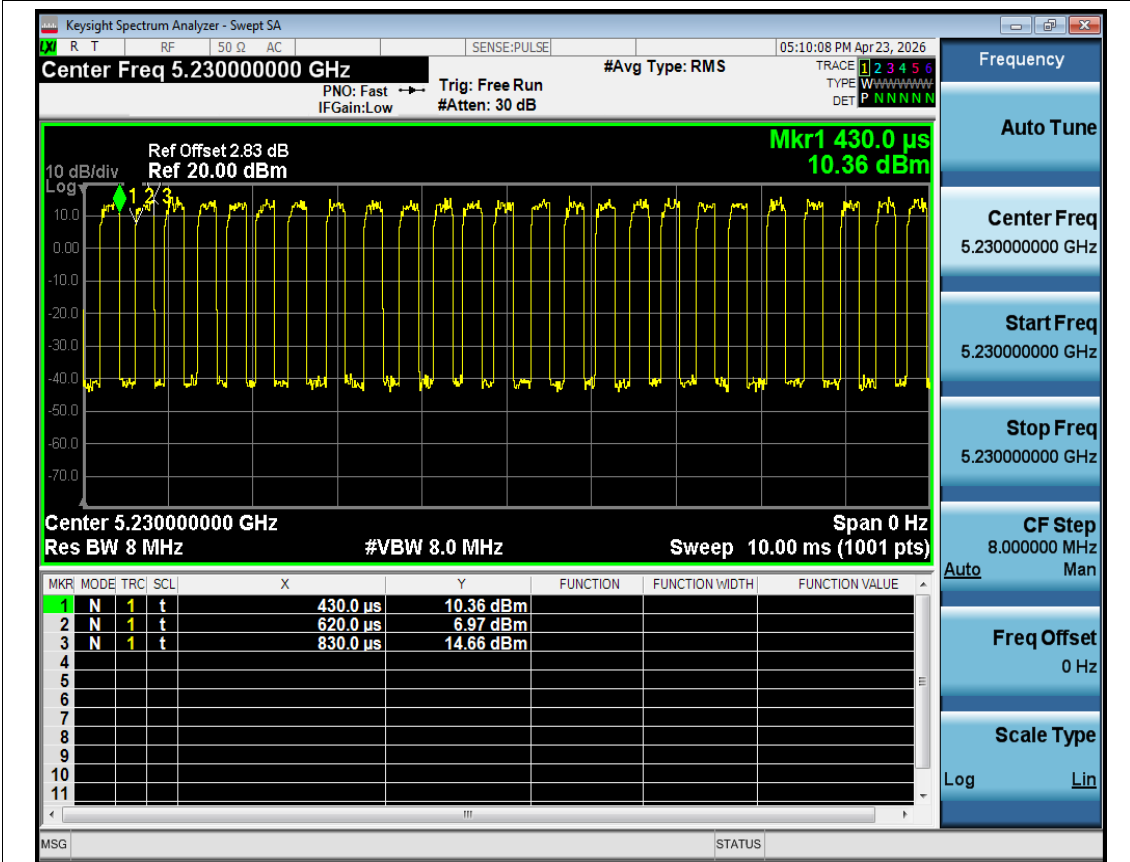
Duty Cycle NVNT n20 5200MHz Ant1



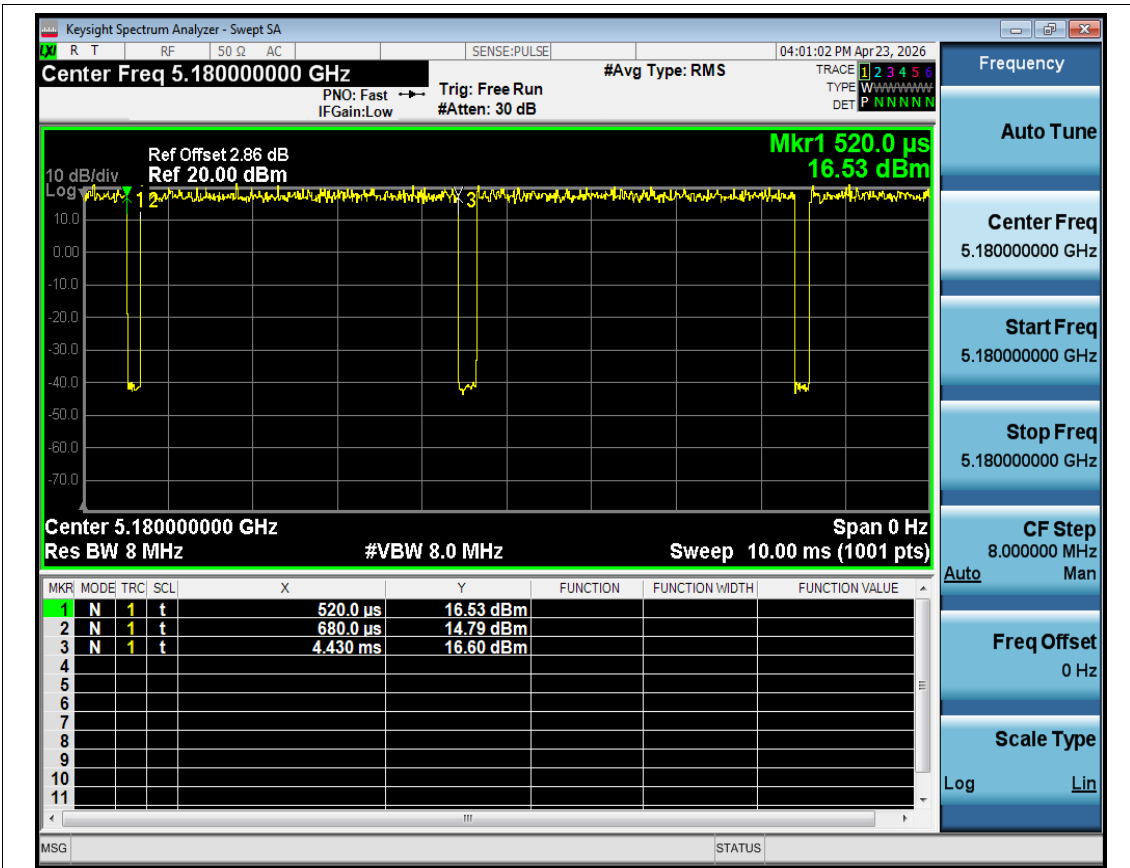
Duty Cycle NVNT n20 5240MHz Ant1



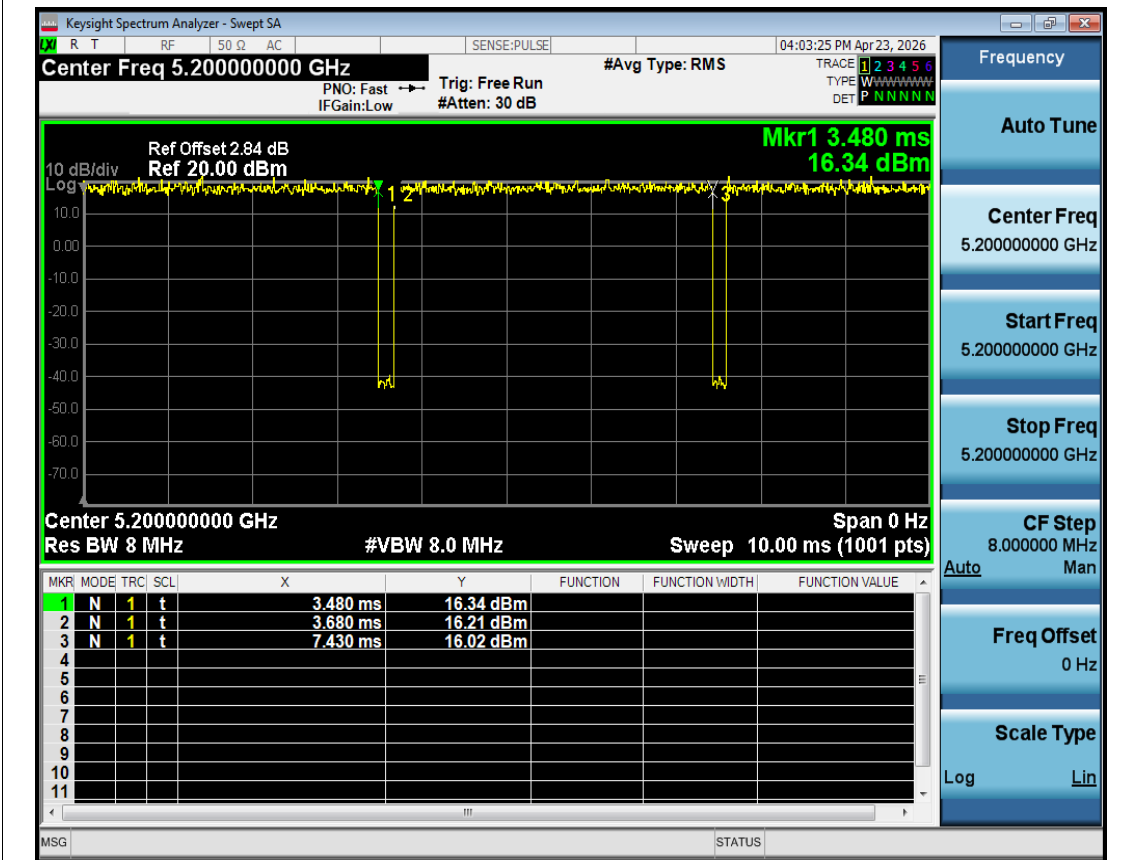
Duty Cycle NVNT n40 5190MHz Ant1



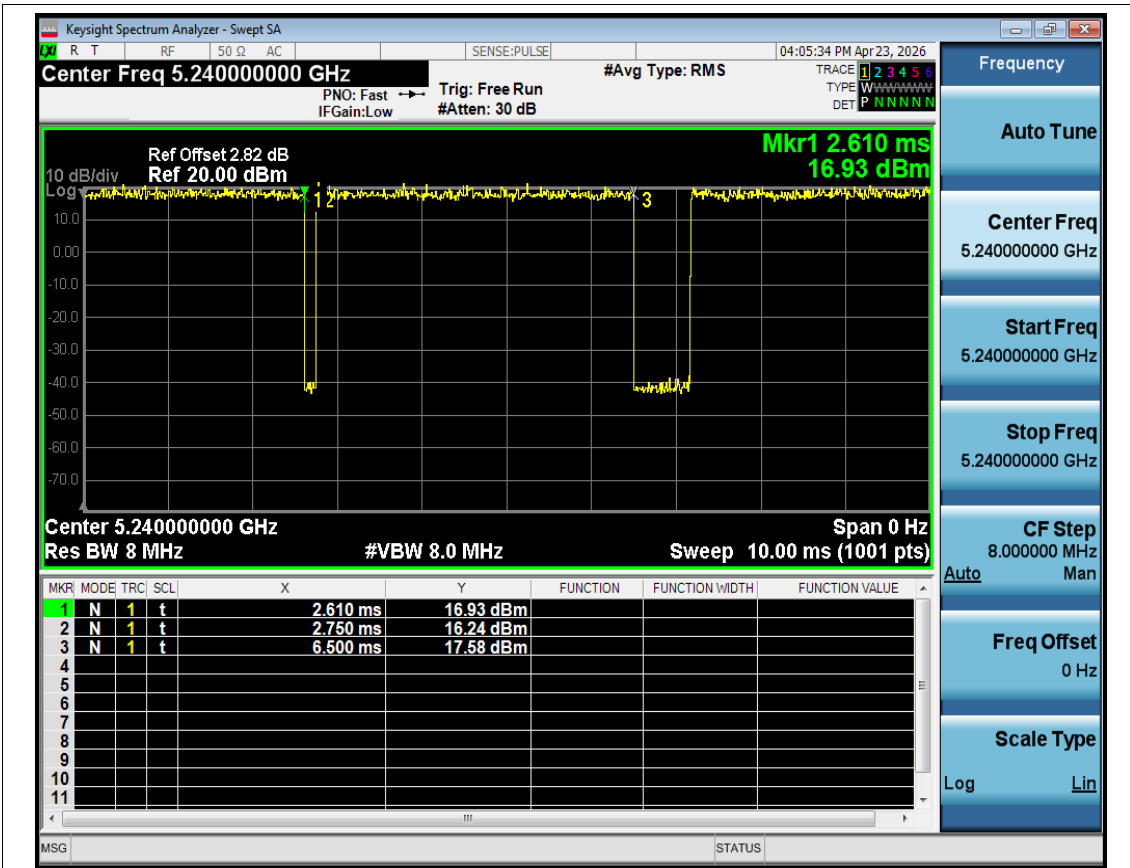
Duty Cycle NVNT n40 5230MHz Ant1



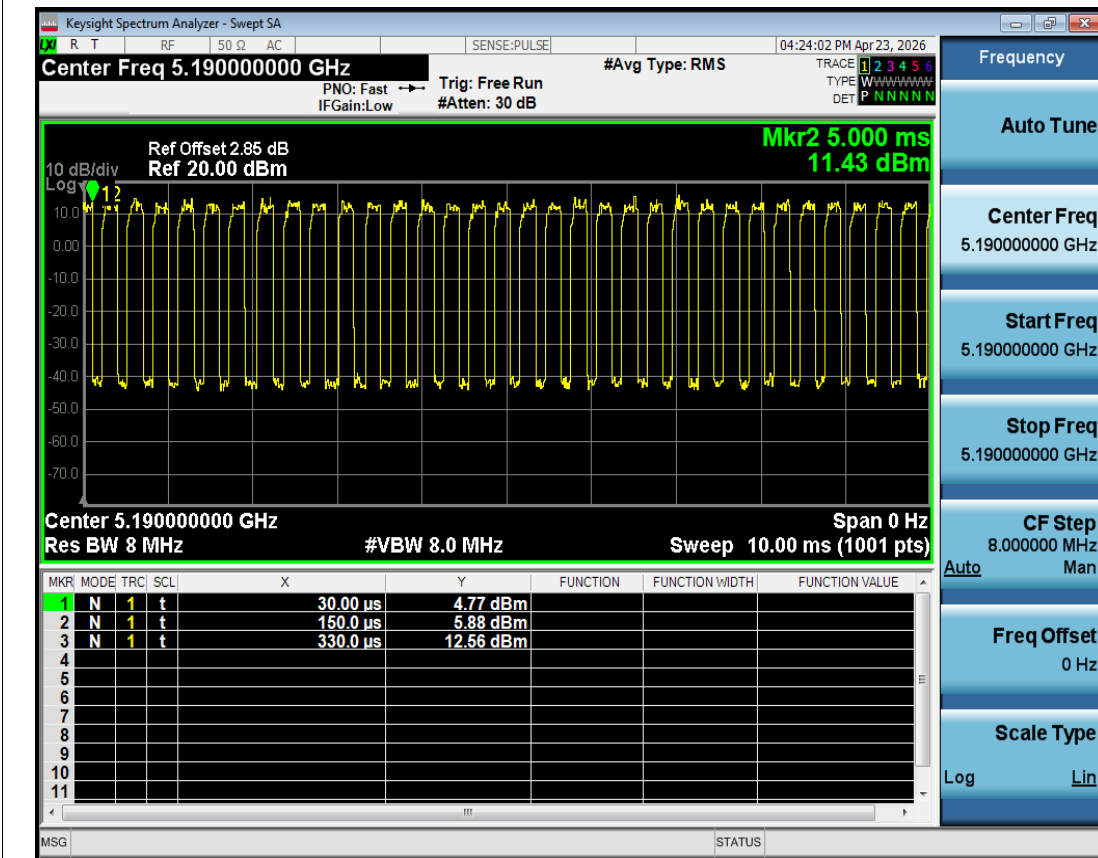
Duty Cycle NVNT ac20 5180MHz Ant1



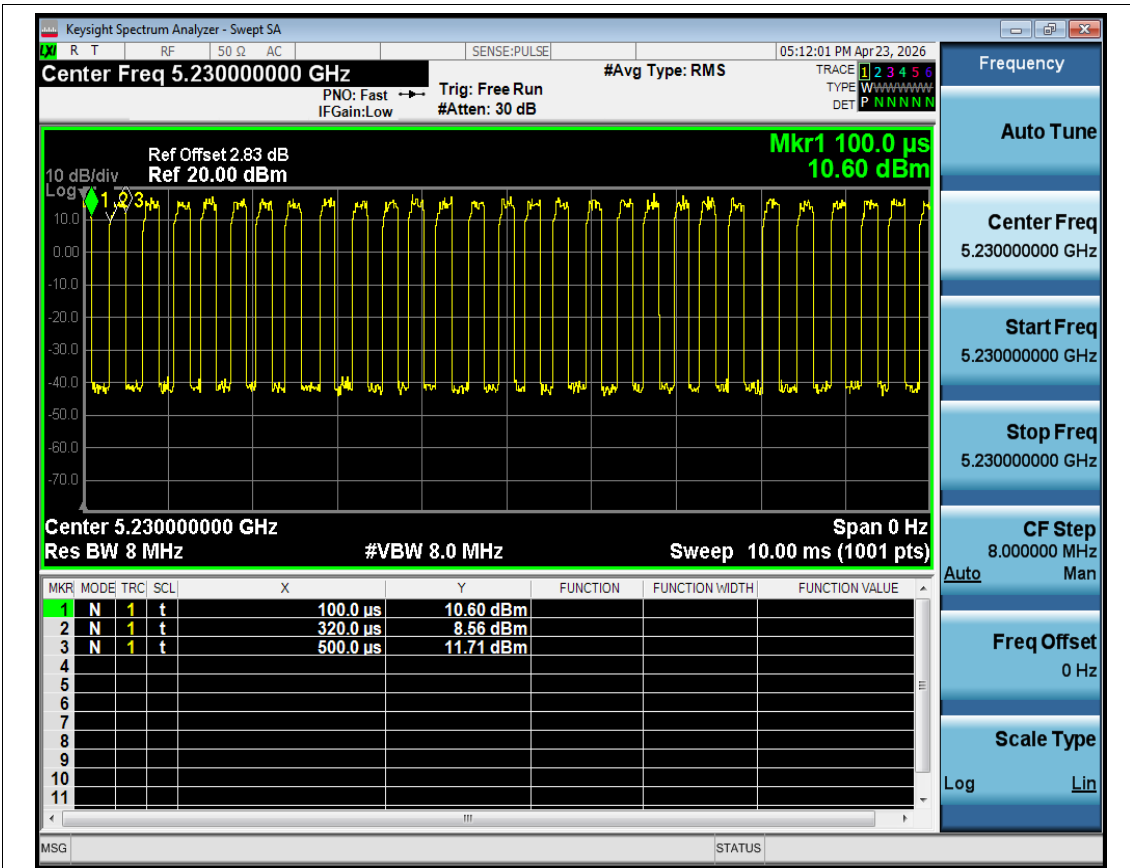
Duty Cycle NVNT ac20 5200MHz Ant1



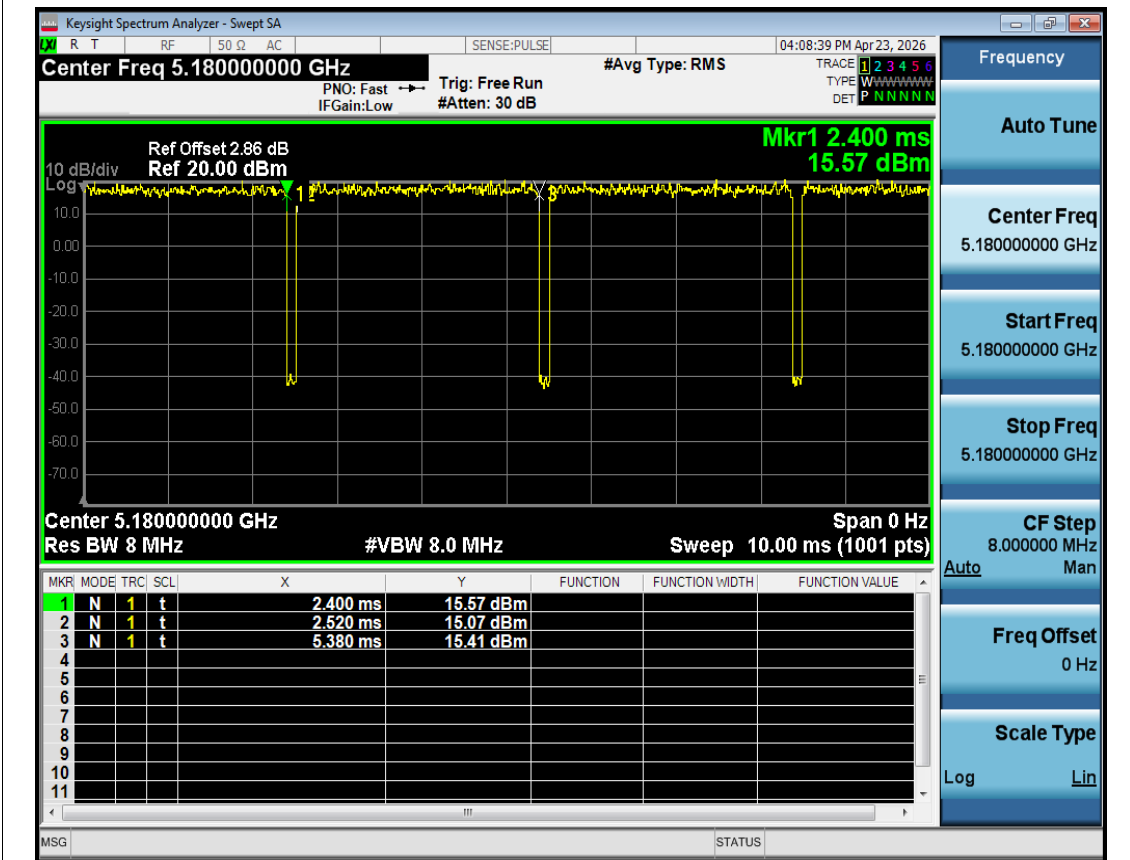
Duty Cycle NVNT ac20 5240MHz Ant1



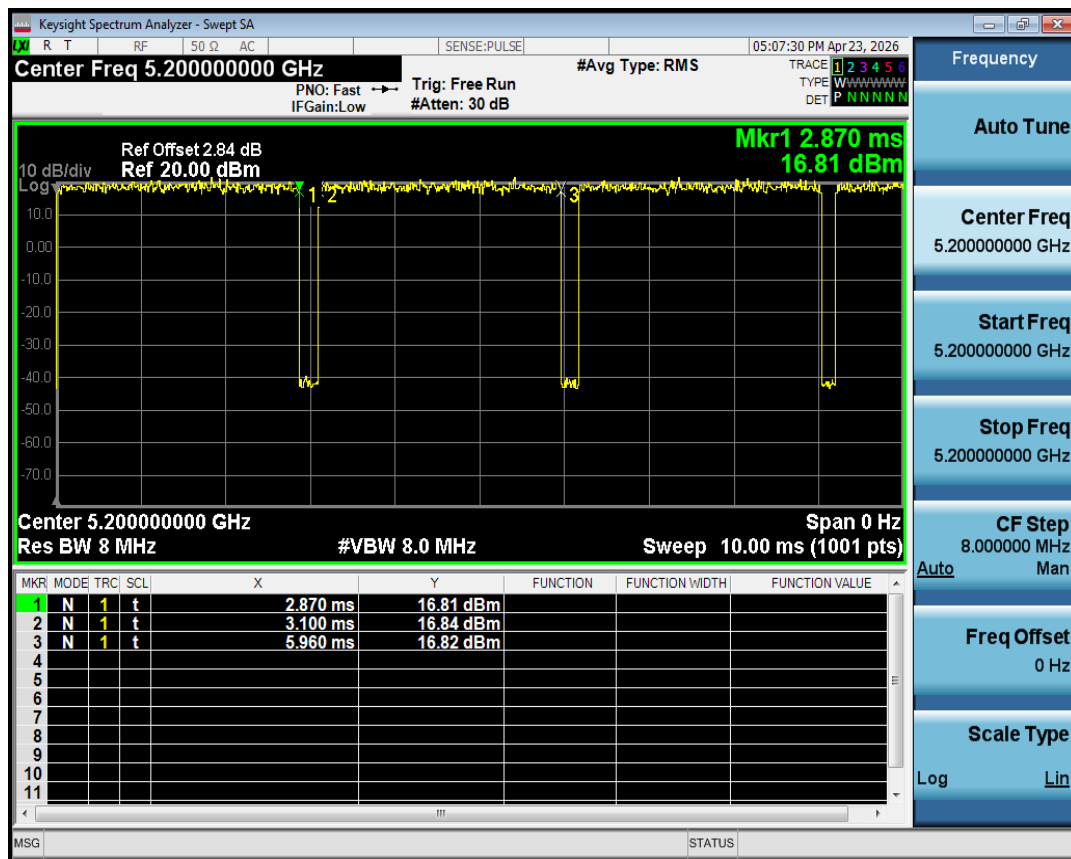
Duty Cycle NVNT ac40 5190MHz Ant1



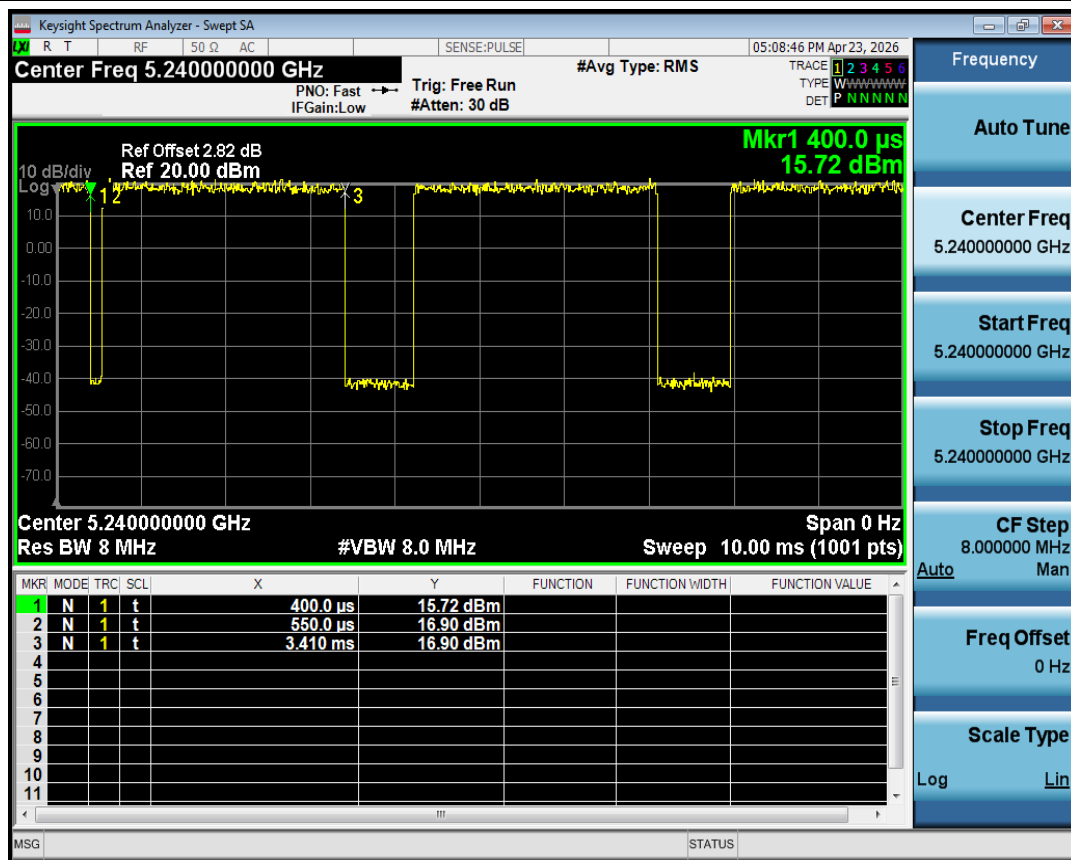
Duty Cycle NVNT ac40 5230MHz Ant1



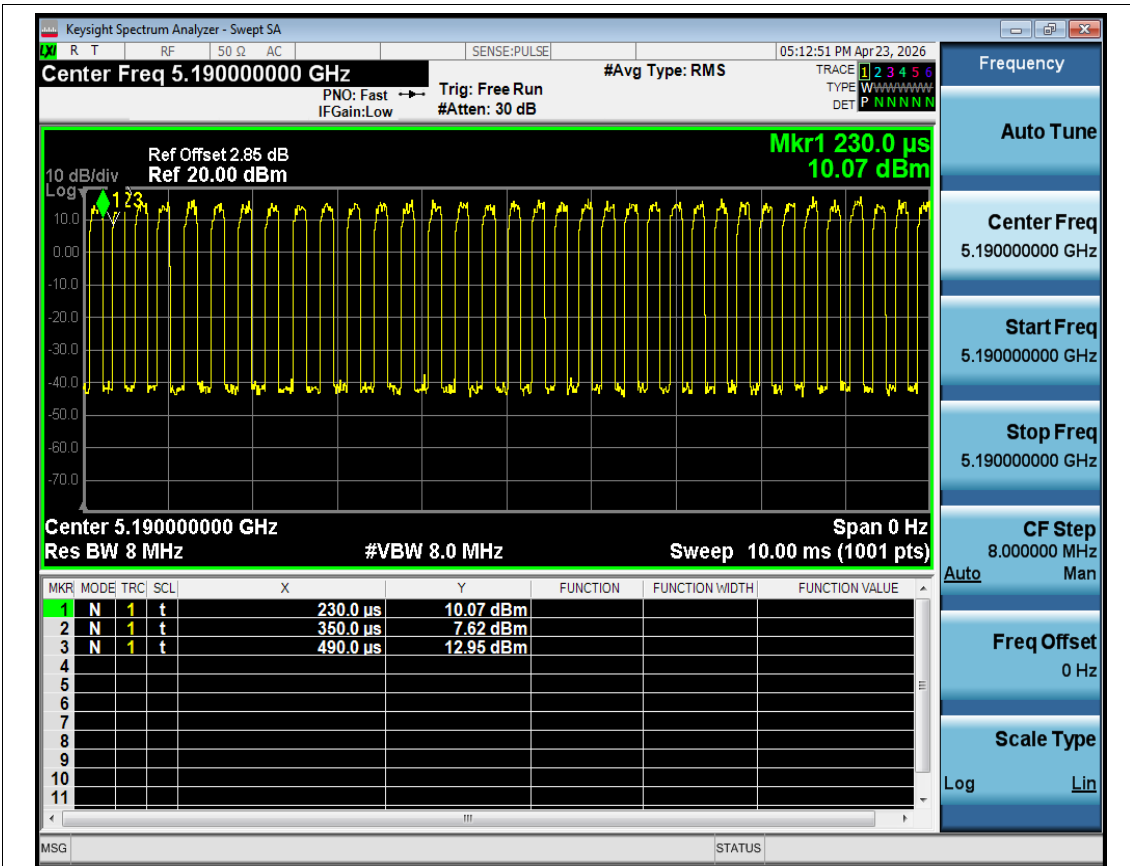
Duty Cycle NVNT ax20 5180MHz Ant1



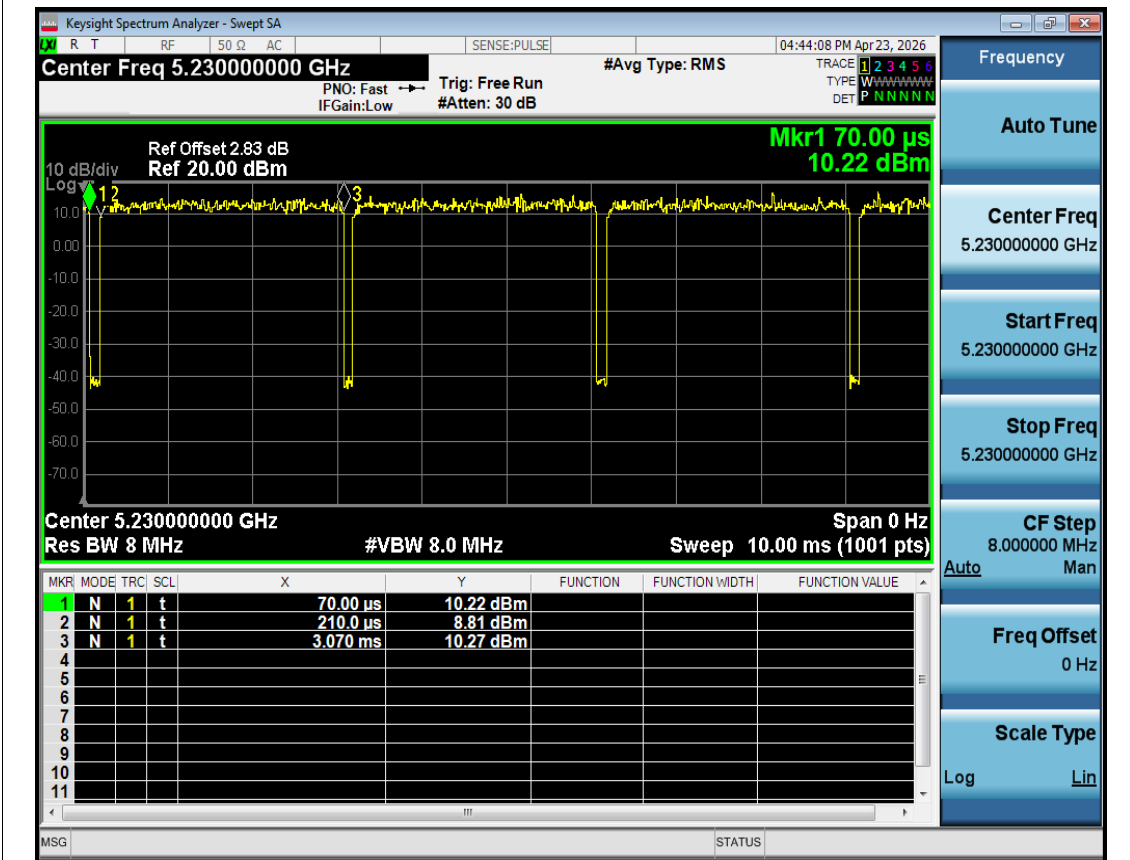
Duty Cycle NVNT ax20 5200MHz Ant1



Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



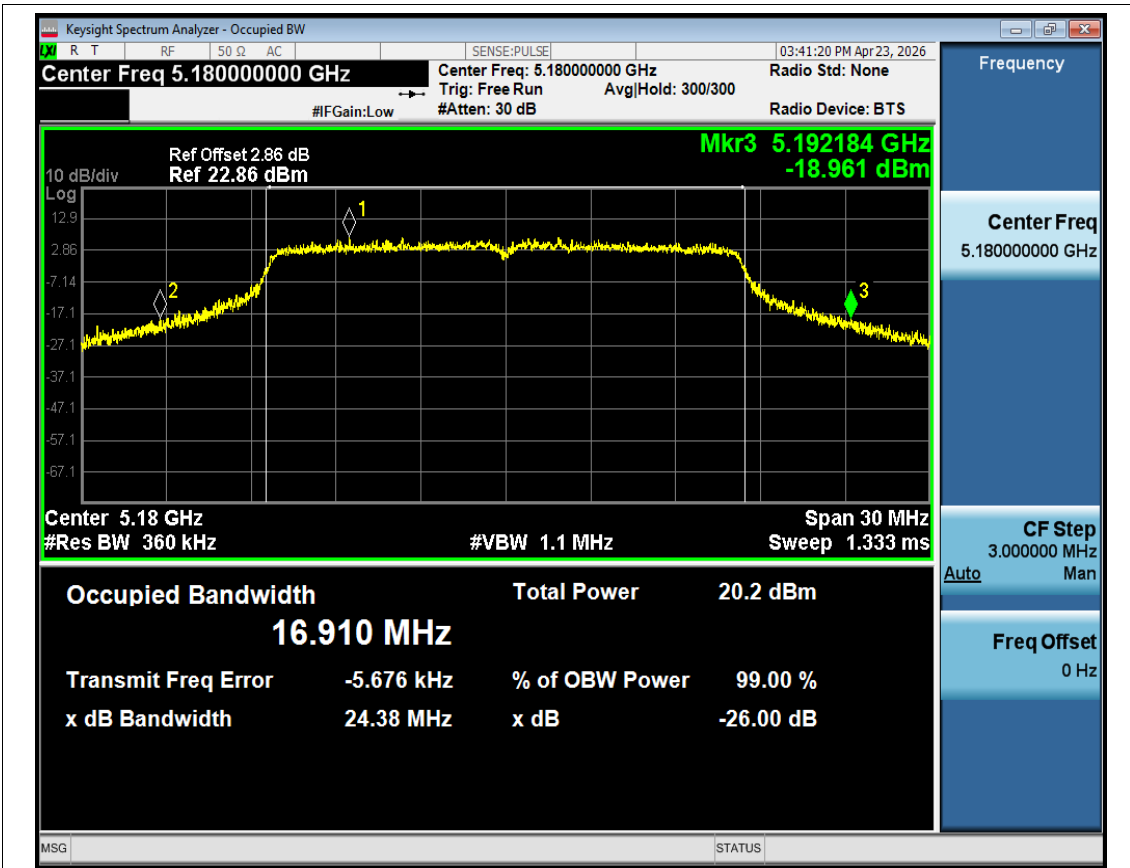
Duty Cycle NVNT ax40 5230MHz Ant1

Maximum Conducted Output Power

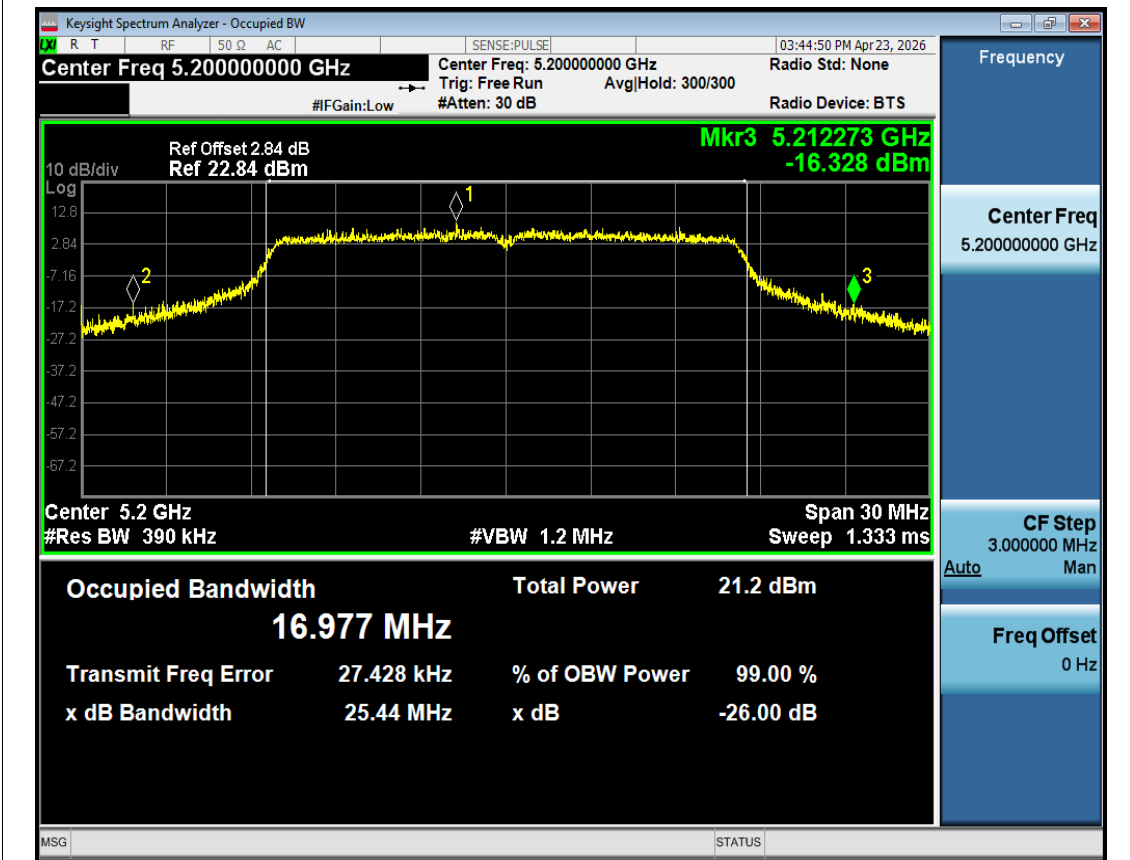
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	9.13	0.99	10.12	0.01028	24	Pass
NVNT	a	5200	Ant1	12.09	1.34	13.43	0.02203	24	Pass
NVNT	a	5240	Ant1	13.61	1.23	14.84	0.03048	24	Pass
NVNT	n20	5180	Ant1	13.08	0.14	13.22	0.02099	24	Pass
NVNT	n20	5200	Ant1	12.32	0.19	12.51	0.01782	24	Pass
NVNT	n20	5240	Ant1	13.53	0.14	13.67	0.02328	24	Pass
NVNT	n40	5190	Ant1	9.54	1.89	11.43	0.0139	24	Pass
NVNT	n40	5230	Ant1	9.93	2.8	12.73	0.01875	24	Pass
NVNT	ac20	5180	Ant1	12.86	0.18	13.04	0.02014	24	Pass
NVNT	ac20	5200	Ant1	13.4	0.23	13.63	0.02307	24	Pass
NVNT	ac20	5240	Ant1	13.44	0.16	13.6	0.02291	24	Pass
NVNT	ac40	5190	Ant1	8.19	2.22	10.41	0.01099	24	Pass
NVNT	ac40	5230	Ant1	10.44	2.47	12.91	0.01954	24	Pass
NVNT	ax20	5180	Ant1	13.03	0.18	13.21	0.02094	24	Pass
NVNT	ax20	5200	Ant1	13.72	0.34	14.06	0.02547	24	Pass
NVNT	ax20	5240	Ant1	13.89	0.22	14.11	0.02576	24	Pass
NVNT	ax40	5190	Ant1	10.1	2.69	12.79	0.01901	24	Pass
NVNT	ax40	5230	Ant1	10.16	0.21	10.37	0.01089	24	Pass

-26dB Bandwidth

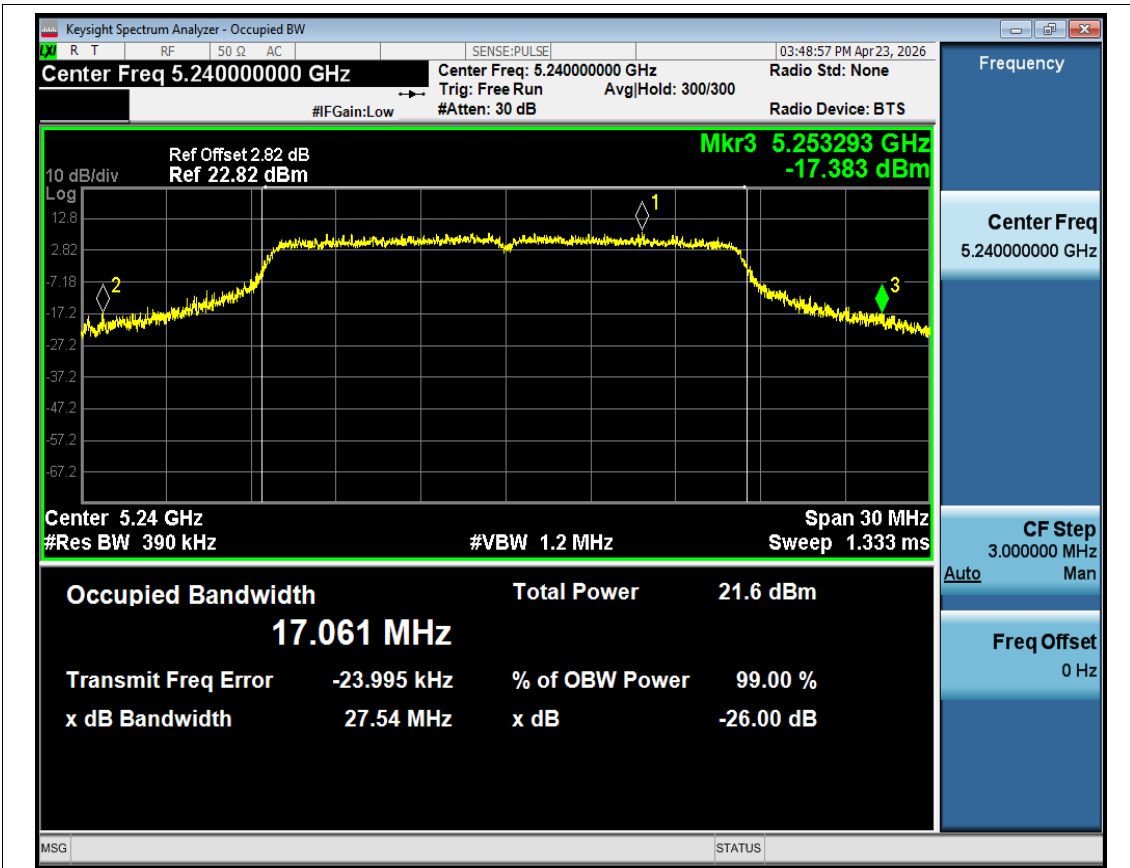
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	24.38
NVNT	a	5200	Ant1	25.44
NVNT	a	5240	Ant1	27.54
NVNT	n20	5180	Ant1	28.52
NVNT	n20	5200	Ant1	28.08
NVNT	n20	5240	Ant1	28.43
NVNT	n40	5190	Ant1	46.28
NVNT	n40	5230	Ant1	46.38
NVNT	ac20	5180	Ant1	27.75
NVNT	ac20	5200	Ant1	26.46
NVNT	ac20	5240	Ant1	28.88
NVNT	ac40	5190	Ant1	45.94
NVNT	ac40	5230	Ant1	49.58
NVNT	ax20	5180	Ant1	26.87
NVNT	ax20	5200	Ant1	27.34
NVNT	ax20	5240	Ant1	26.4
NVNT	ax40	5190	Ant1	46.7
NVNT	ax40	5230	Ant1	53.79



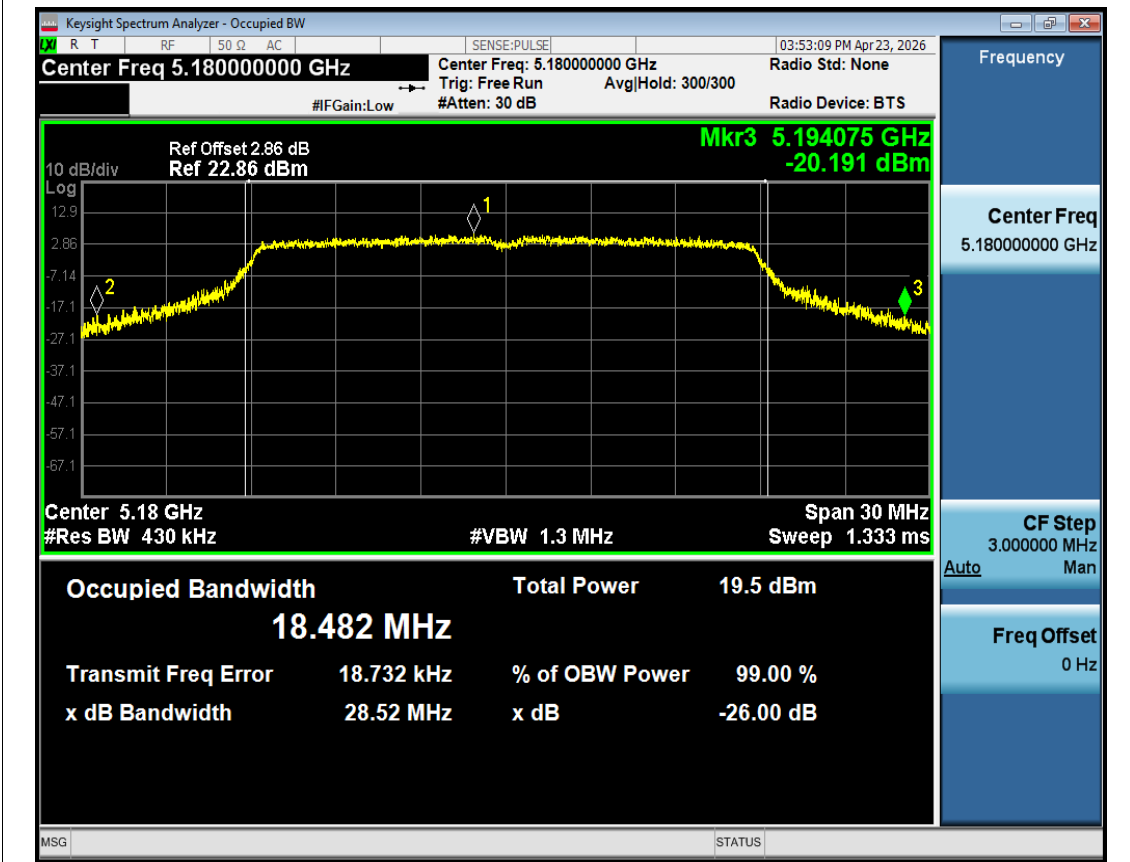
-26dB Bandwidth NVNT a 5180MHz Ant1



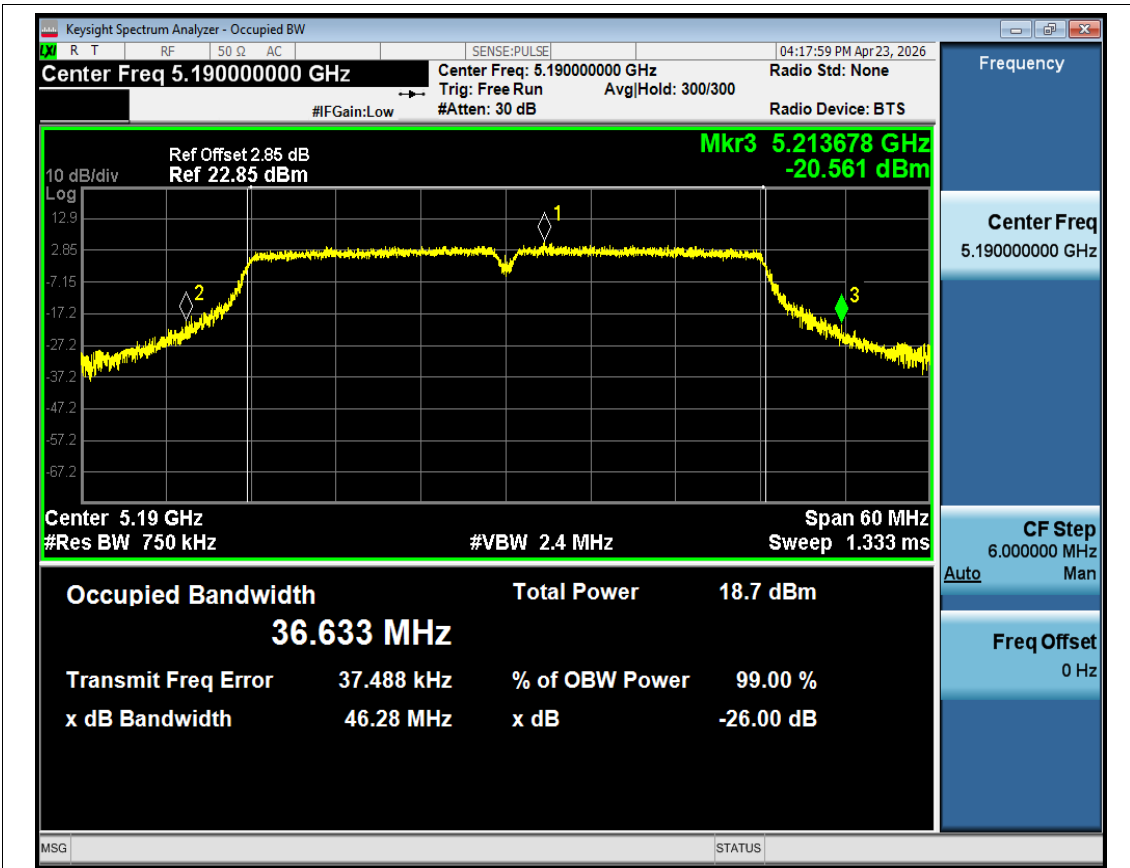
-26dB Bandwidth NVNT a 5200MHz Ant1



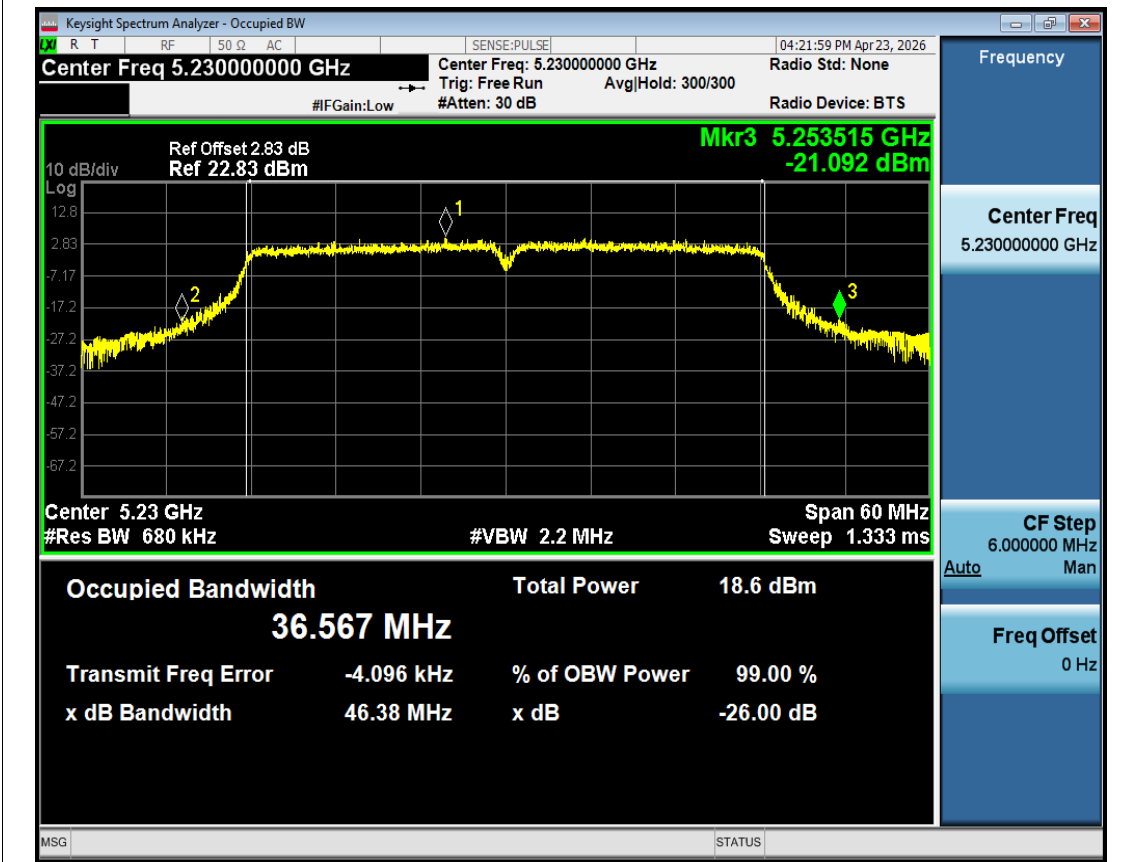
-26dB Bandwidth NVNT a 5240MHz Ant1



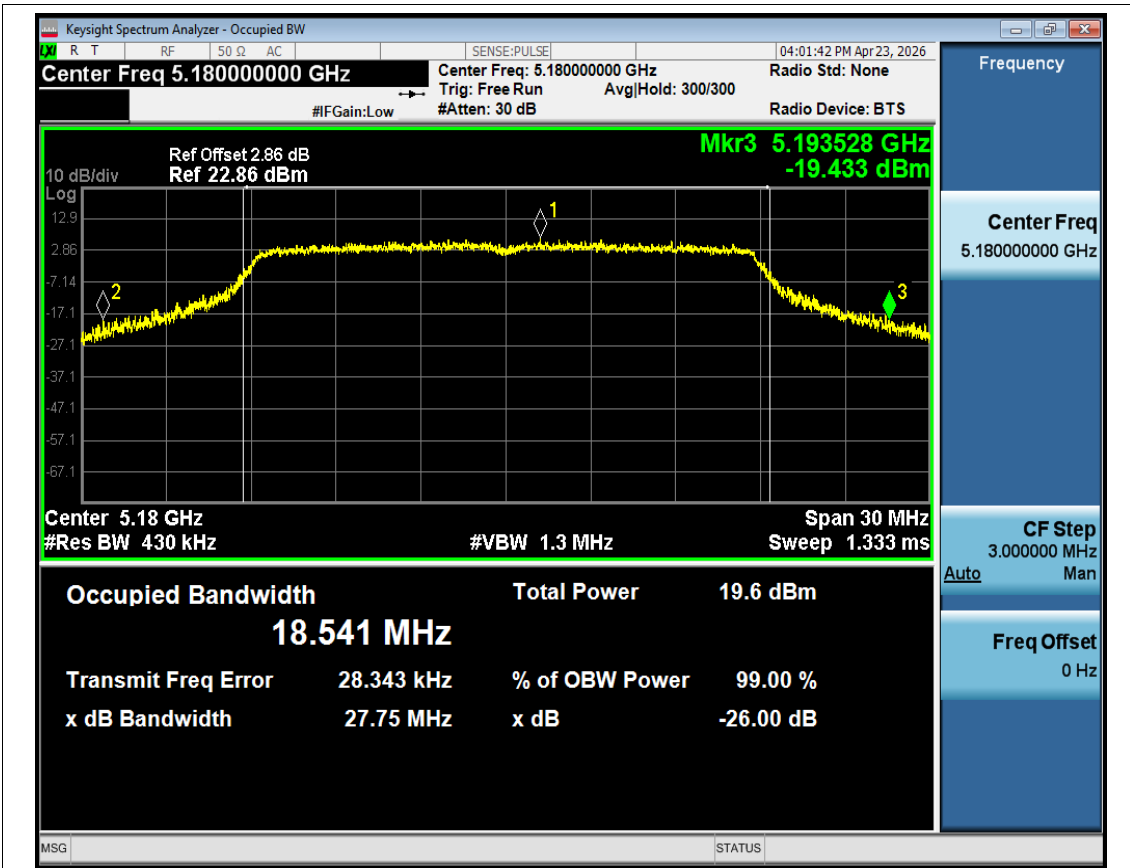
-26dB Bandwidth NVNT n20 5180MHz Ant1



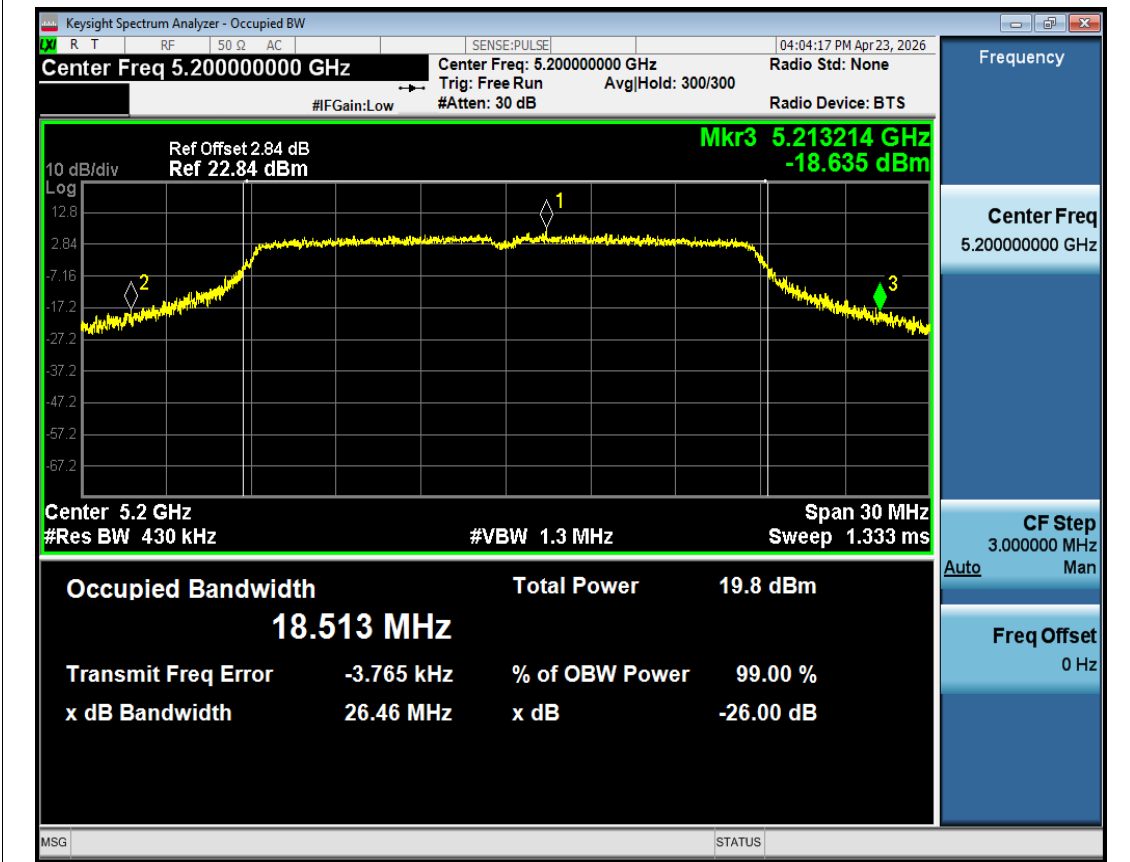
-26dB Bandwidth NVNT n40 5190MHz Ant1



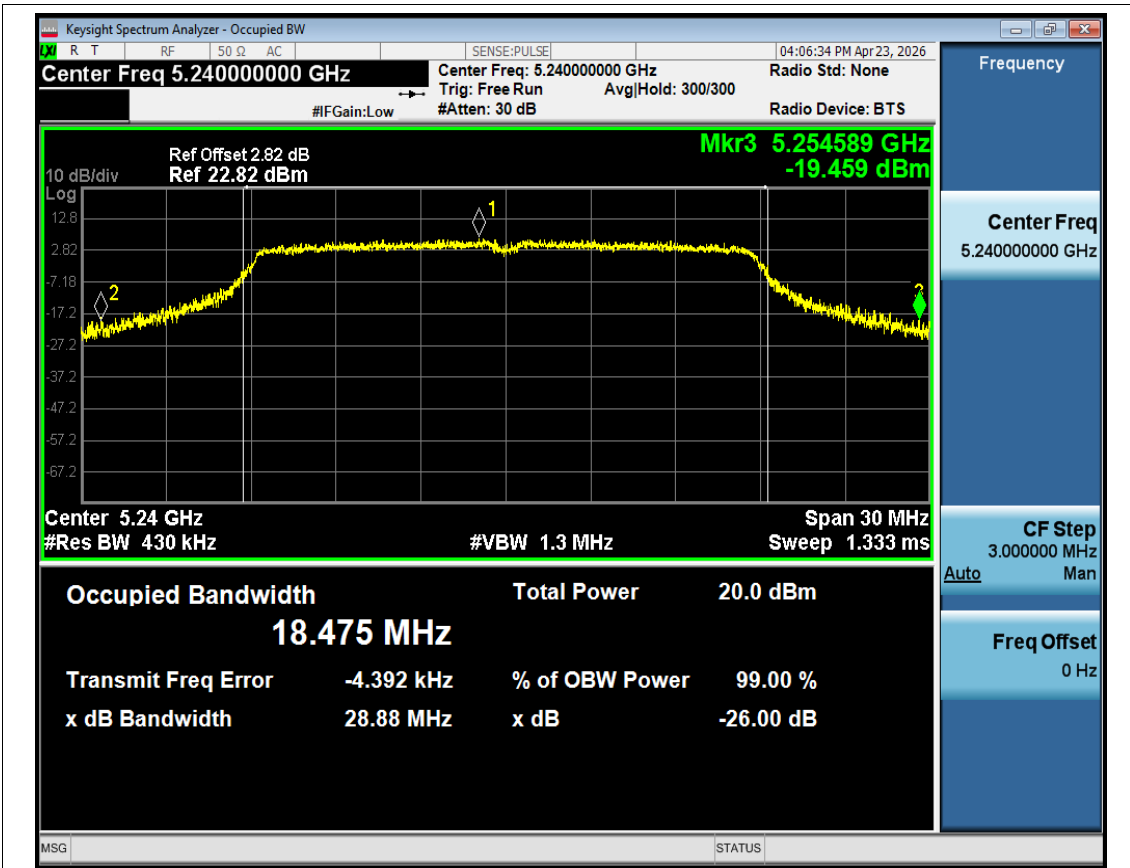
-26dB Bandwidth NVNT n40 5230MHz Ant1



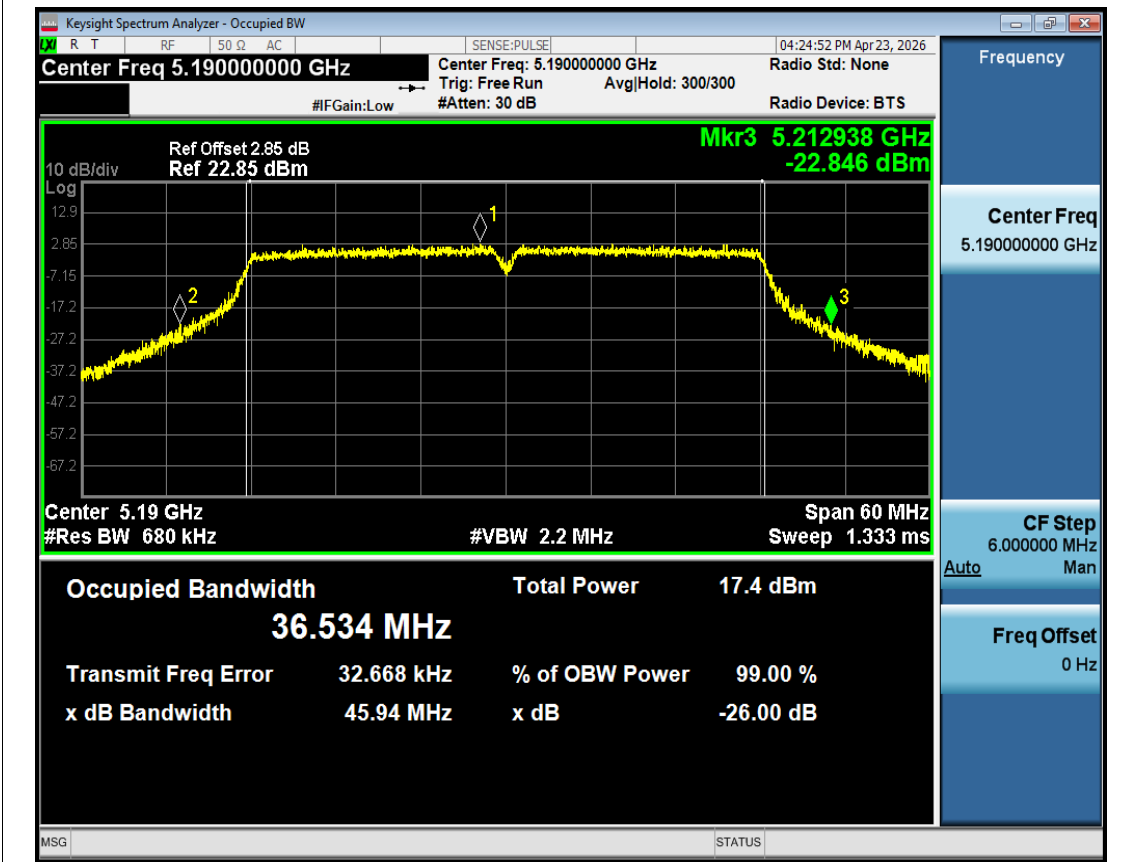
-26dB Bandwidth NVNT ac20 5180MHz Ant1



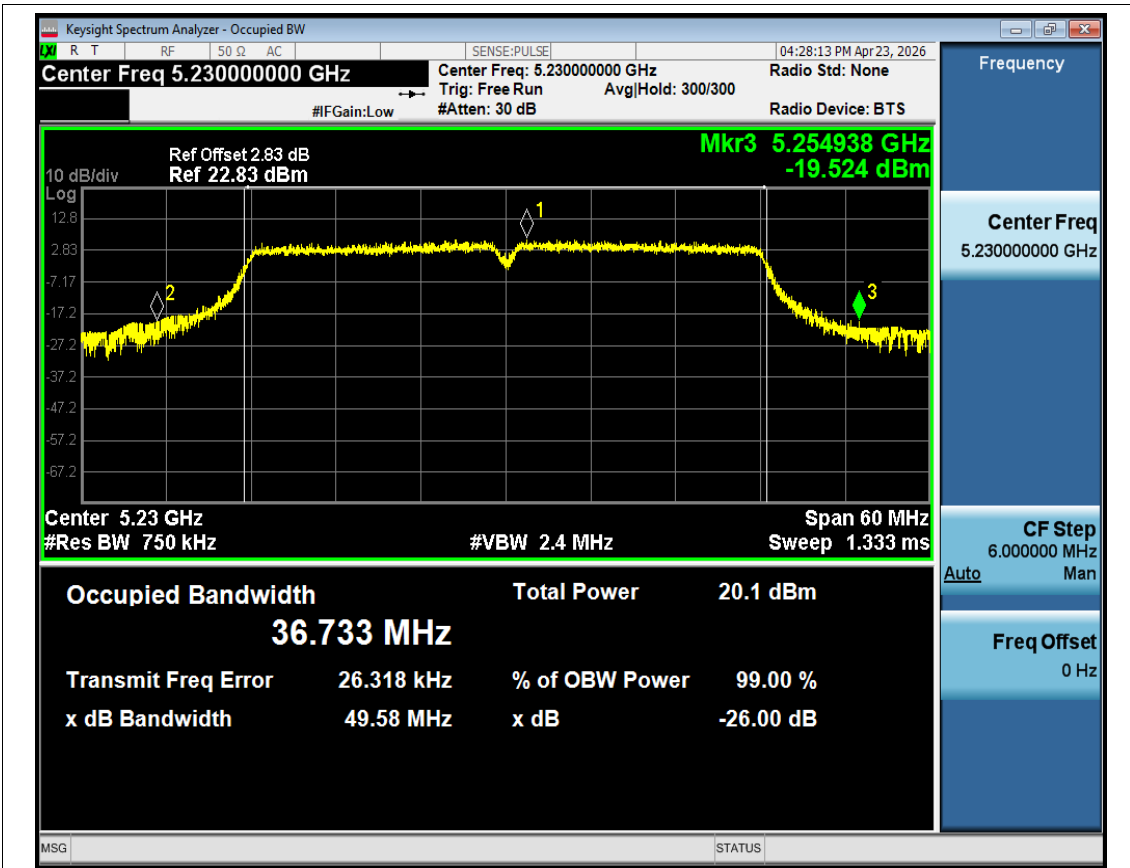
-26dB Bandwidth NVNT ac20 5200MHz Ant1



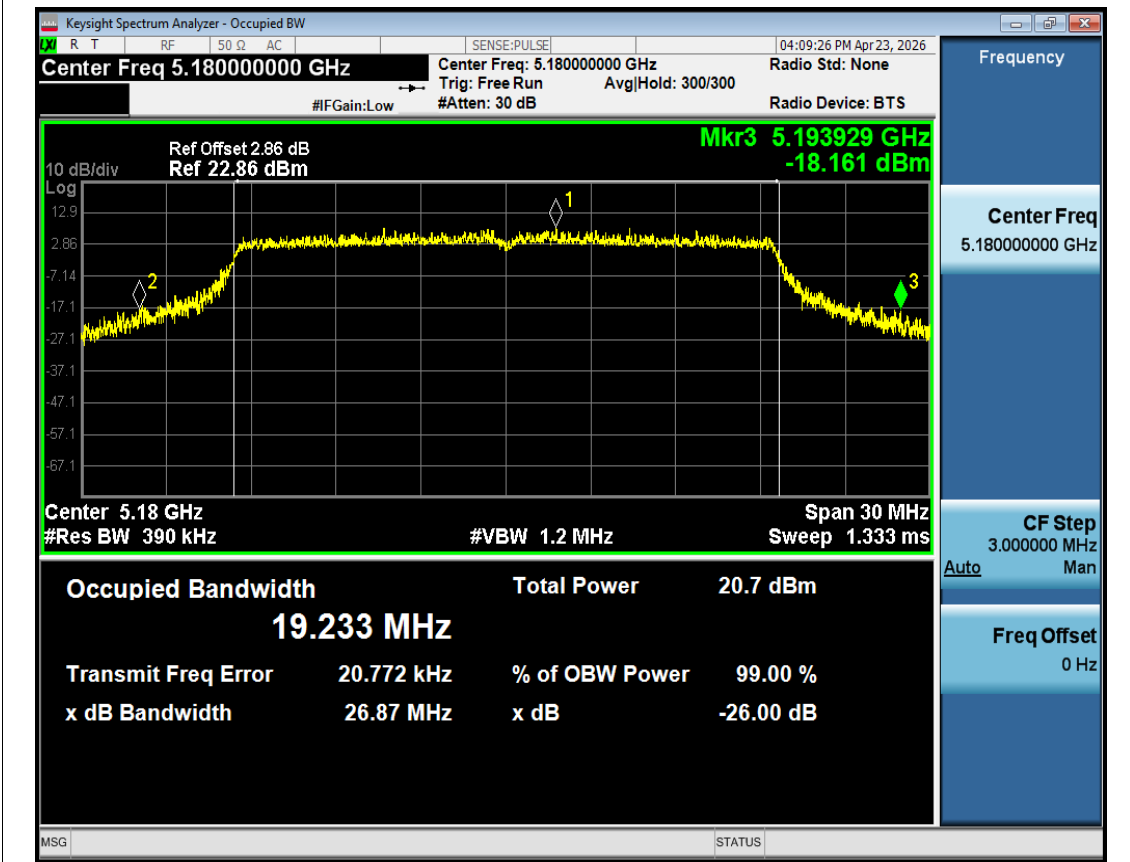
-26dB Bandwidth NVNT ac20 5240MHz Ant1



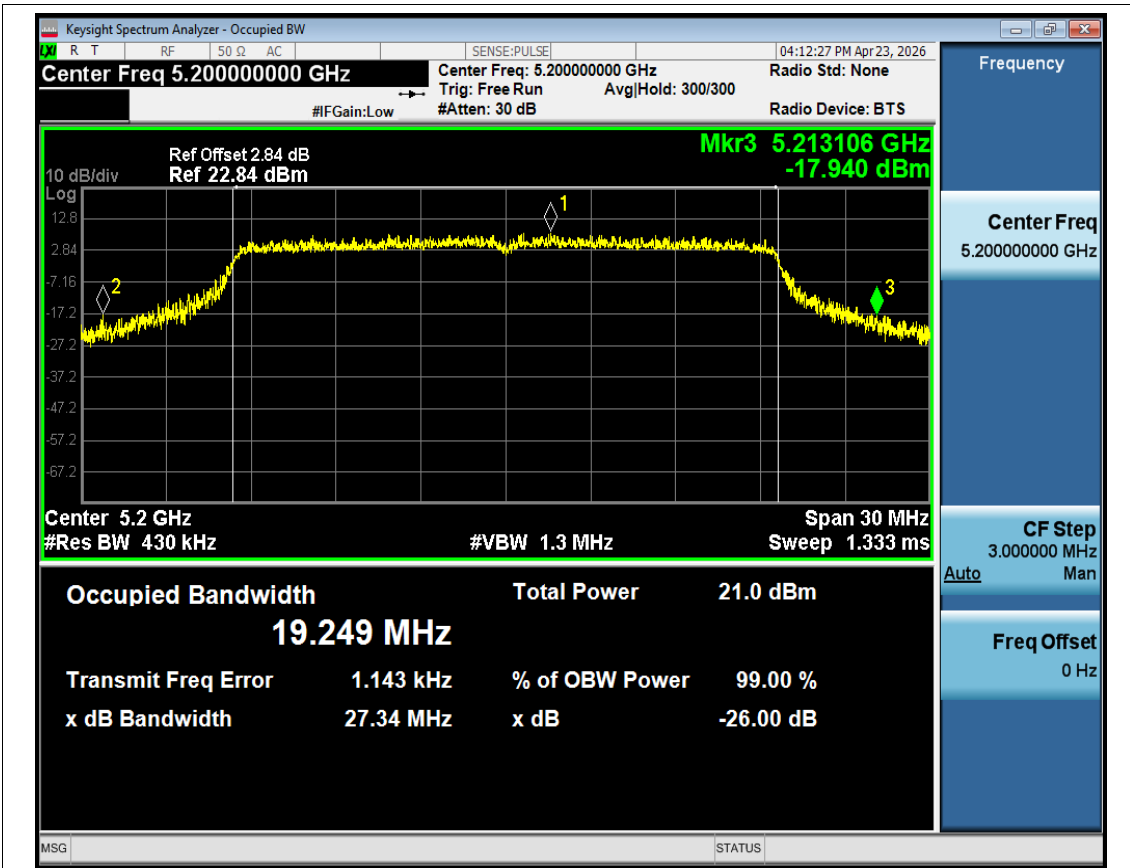
-26dB Bandwidth NVNT ac40 5190MHz Ant1



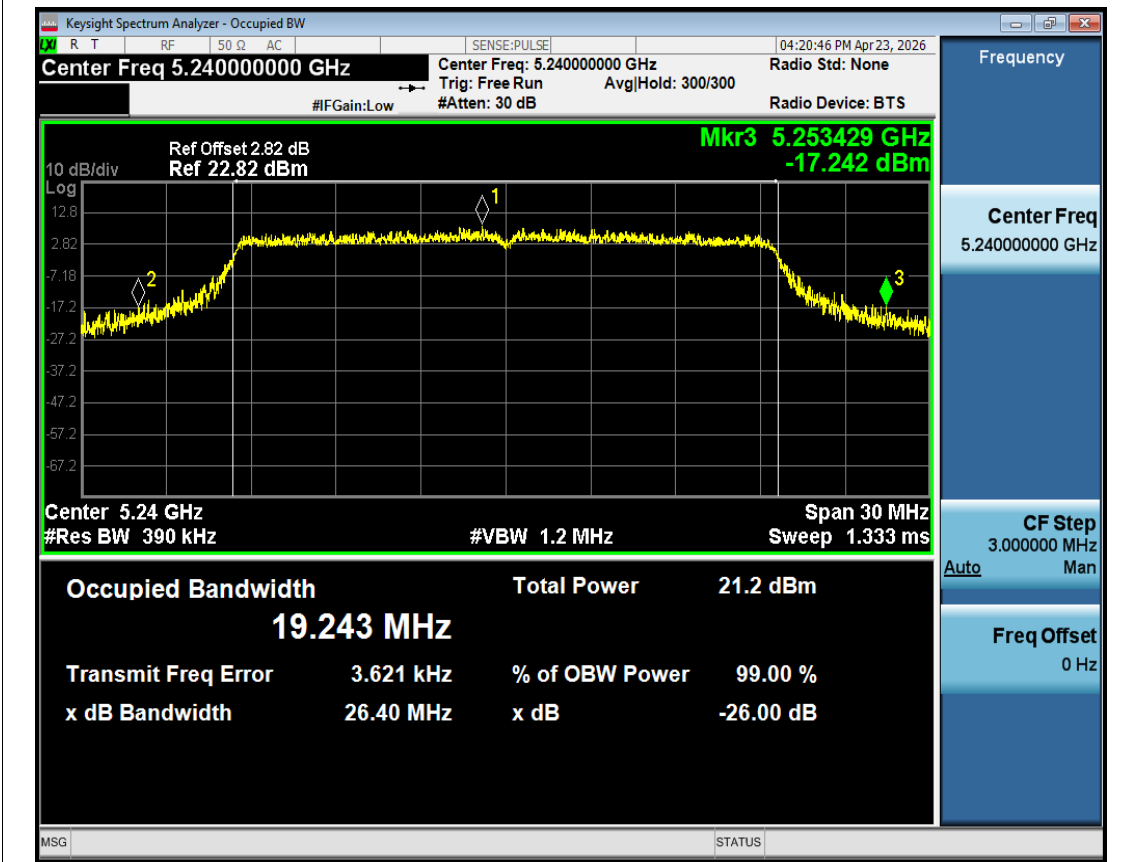
-26dB Bandwidth NVNT ac40 5230MHz Ant1



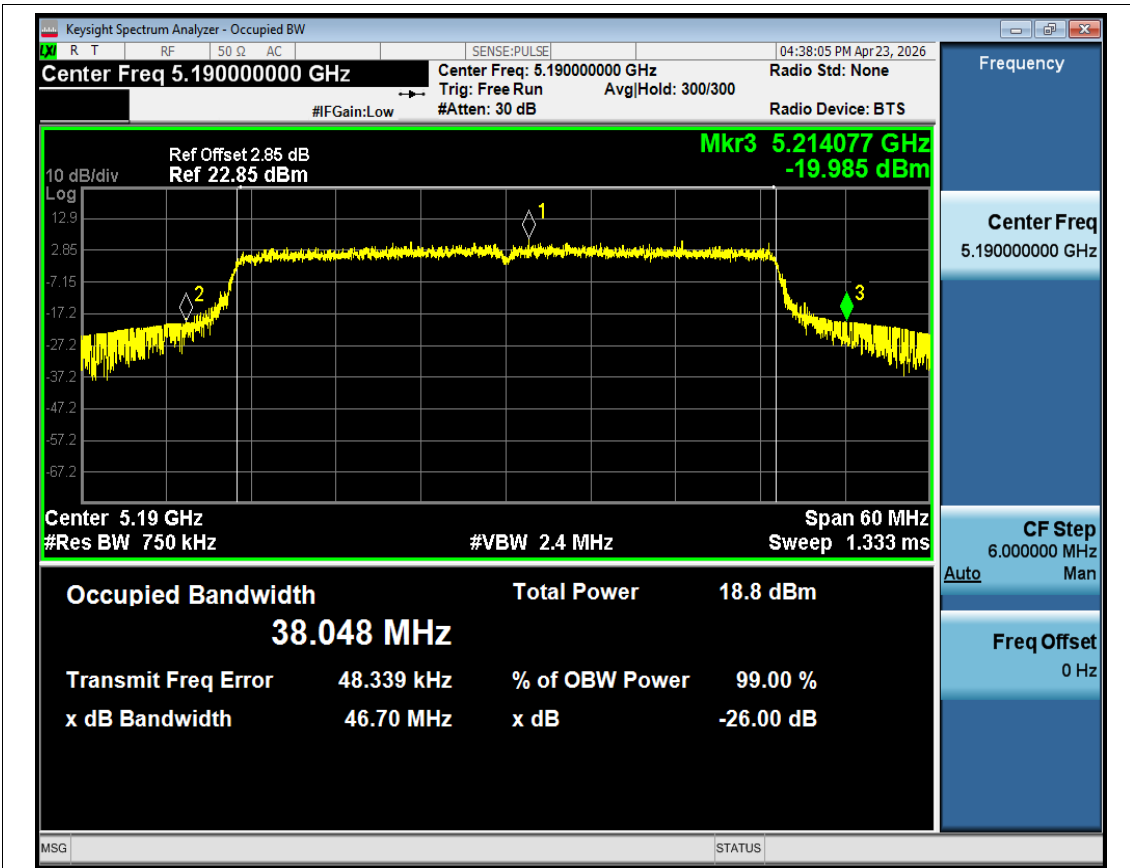
-26dB Bandwidth NVNT ax20 5180MHz Ant1



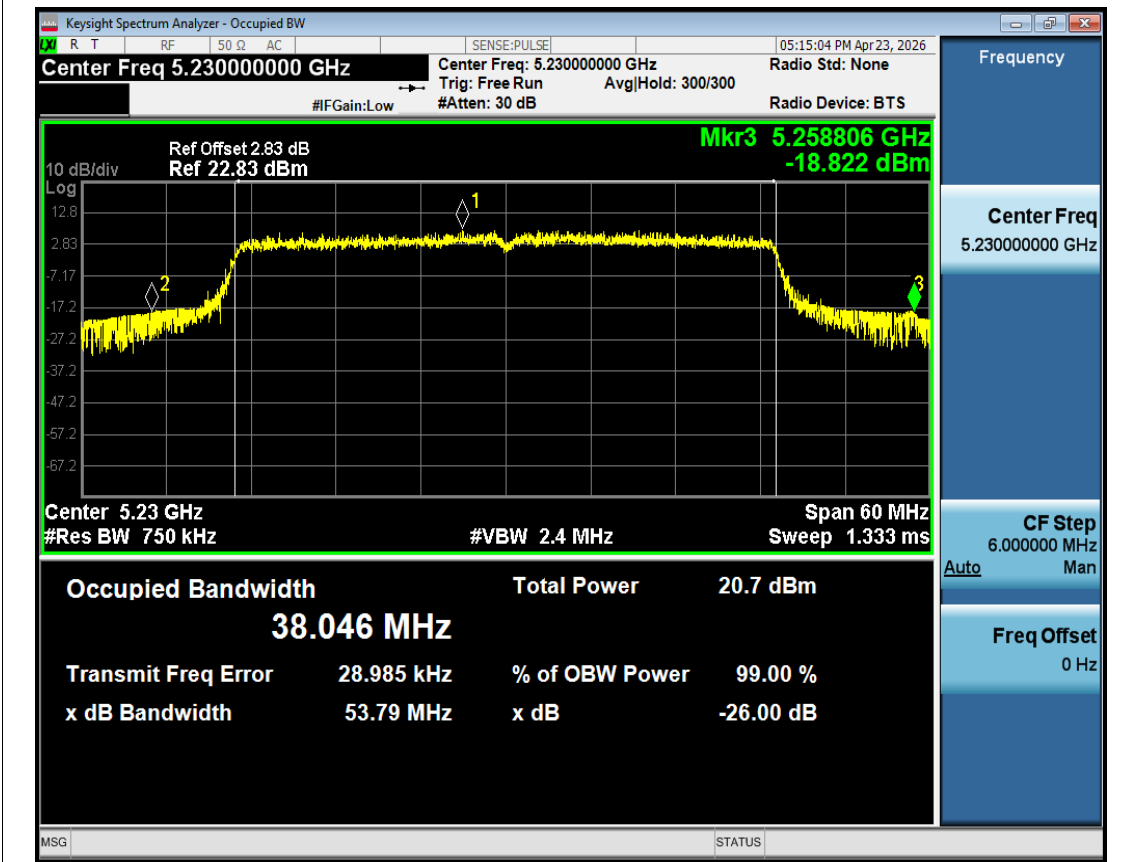
-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



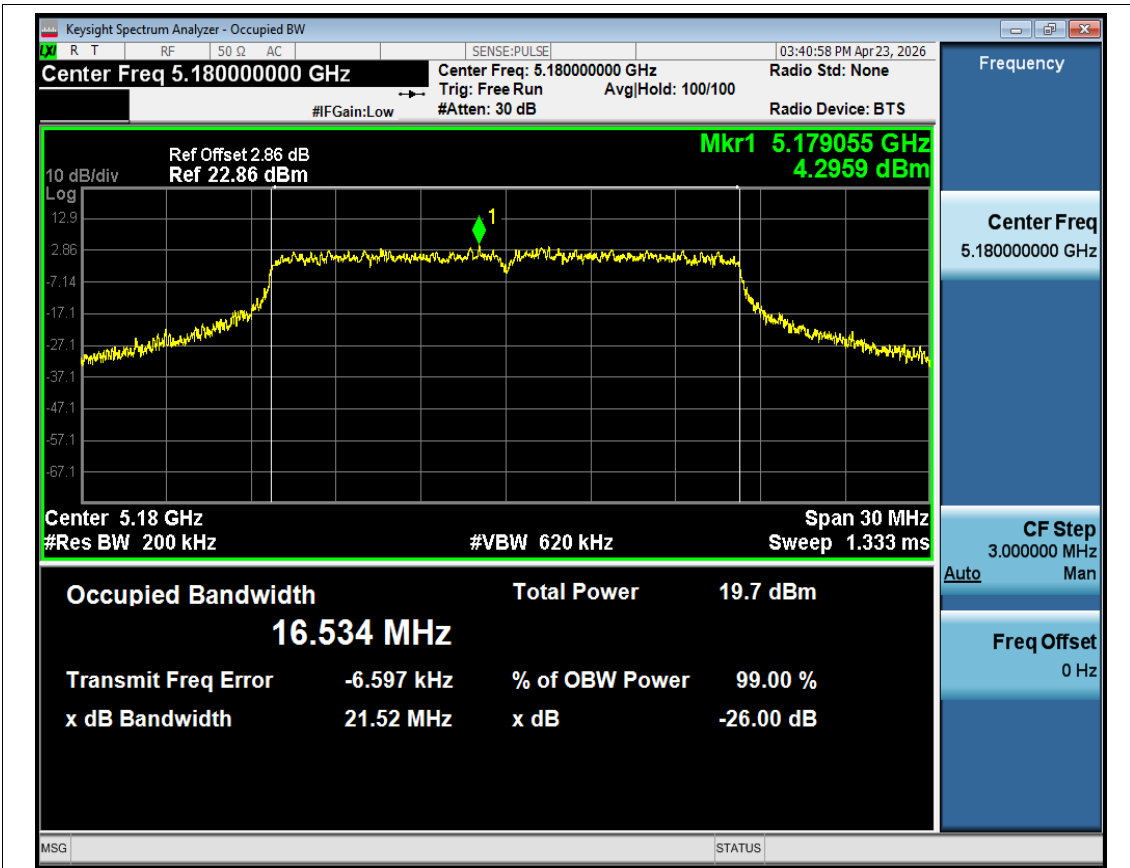
-26dB Bandwidth NVNT ax40 5190MHz Ant1



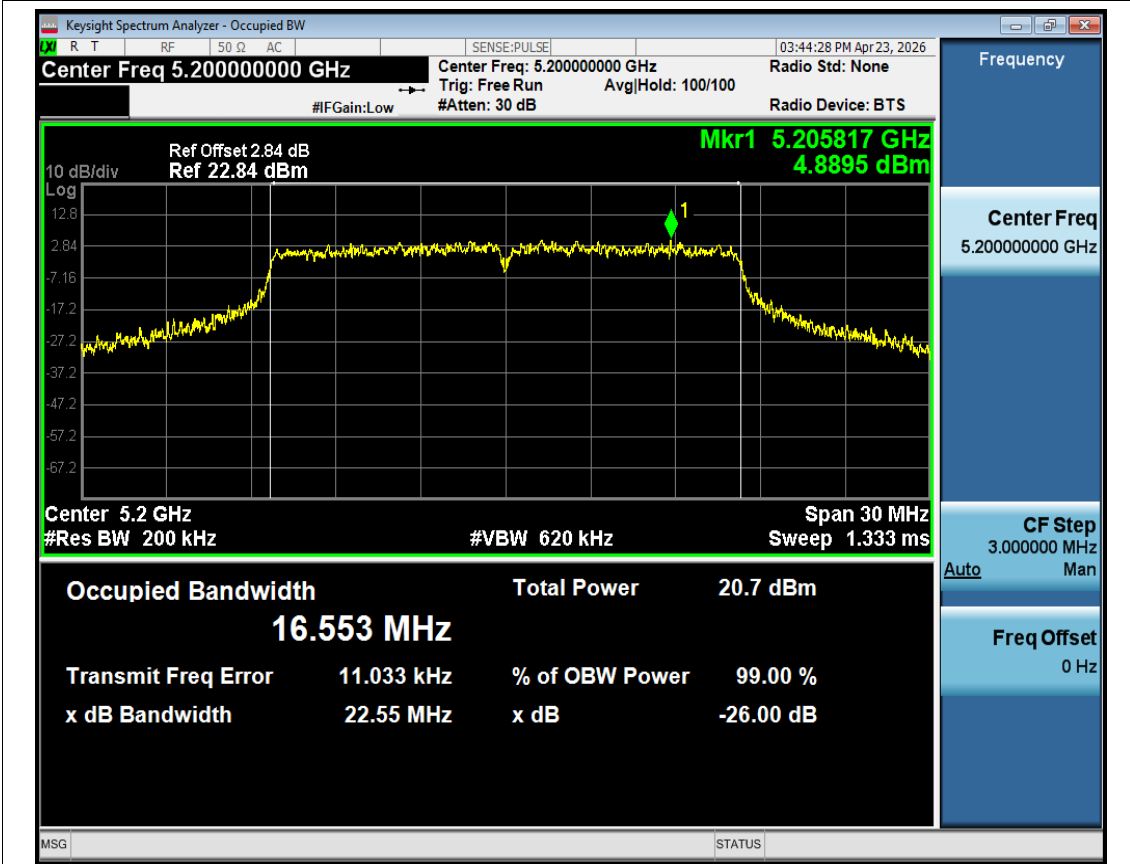
-26dB Bandwidth NVNT ax40 5230MHz Ant1

Occupied Channel Bandwidth

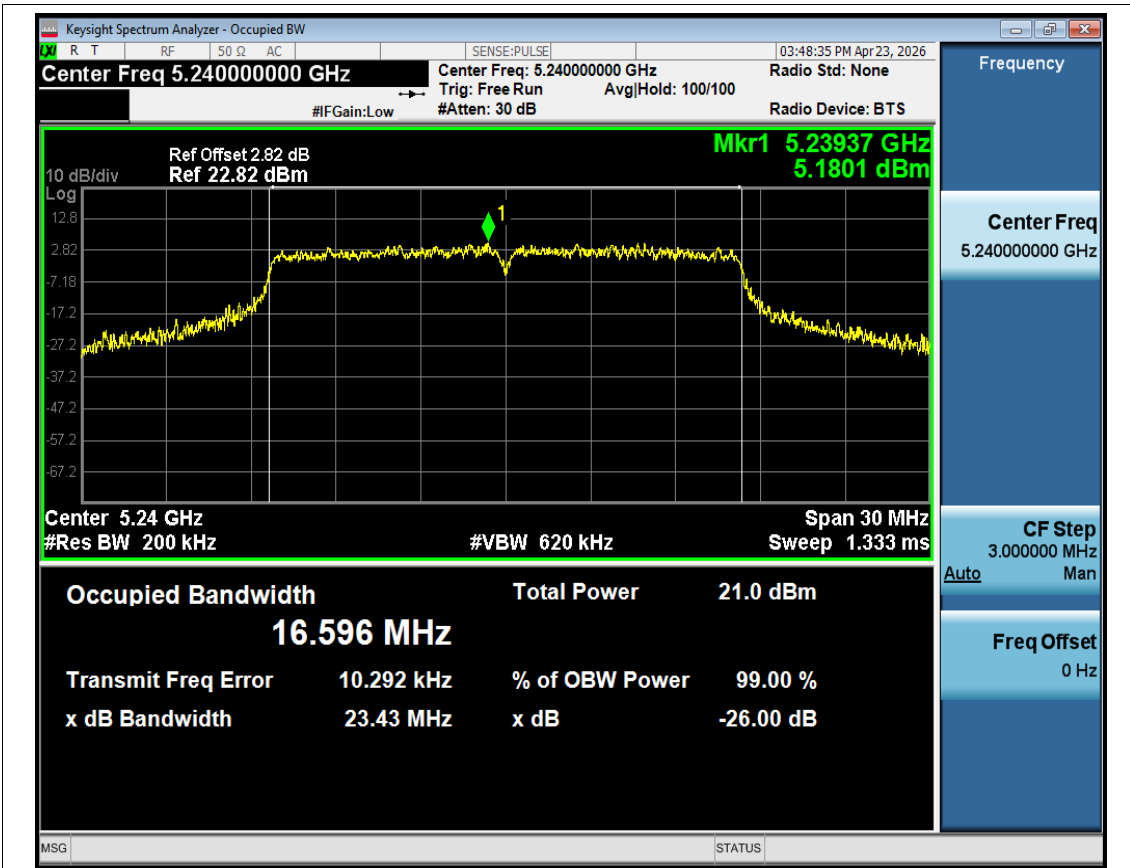
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.534
NVNT	a	5200	Ant1	16.553
NVNT	a	5240	Ant1	16.596
NVNT	n20	5180	Ant1	17.839
NVNT	n20	5200	Ant1	17.85
NVNT	n20	5240	Ant1	17.788
NVNT	n40	5190	Ant1	36.307
NVNT	n40	5230	Ant1	36.298
NVNT	ac20	5180	Ant1	17.863
NVNT	ac20	5200	Ant1	17.85
NVNT	ac20	5240	Ant1	17.835
NVNT	ac40	5190	Ant1	36.282
NVNT	ac40	5230	Ant1	36.313
NVNT	ax20	5180	Ant1	19.018
NVNT	ax20	5200	Ant1	19.037
NVNT	ax20	5240	Ant1	18.967
NVNT	ax40	5190	Ant1	37.816
NVNT	ax40	5230	Ant1	37.888



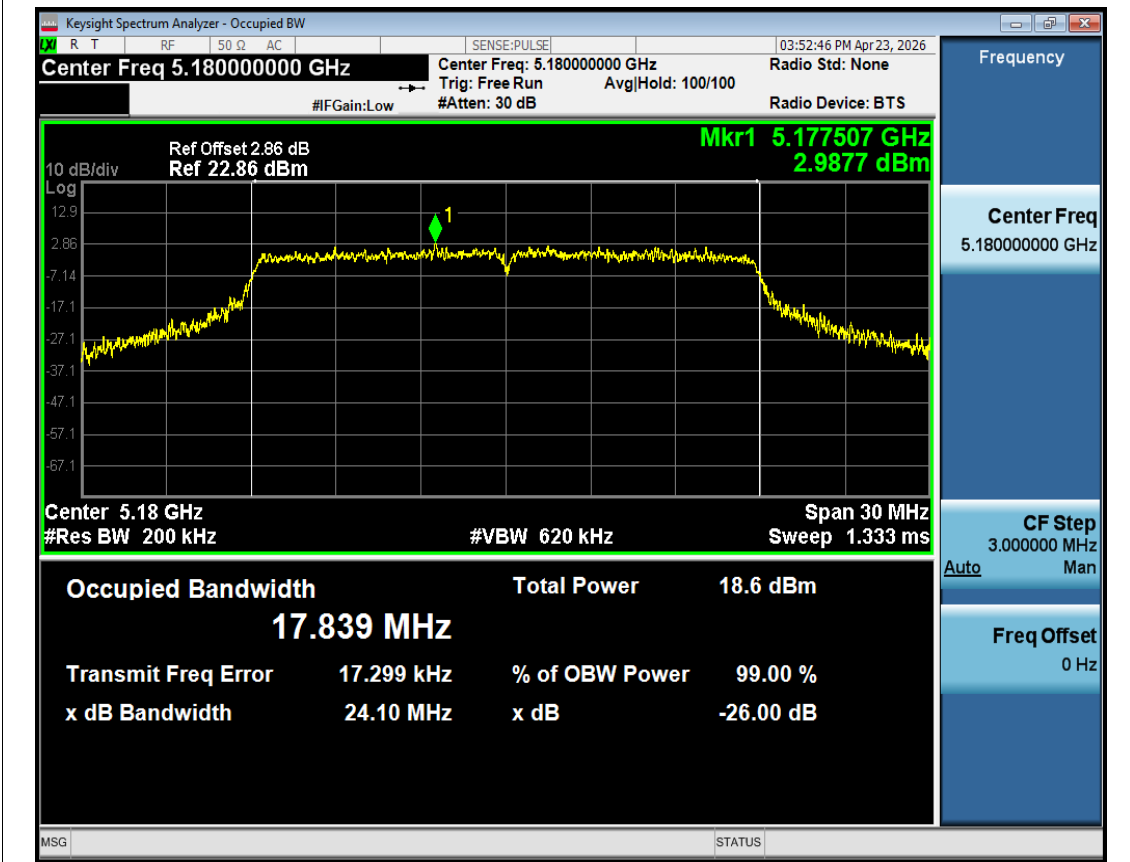
OBW NVNT a 5180MHz Ant1



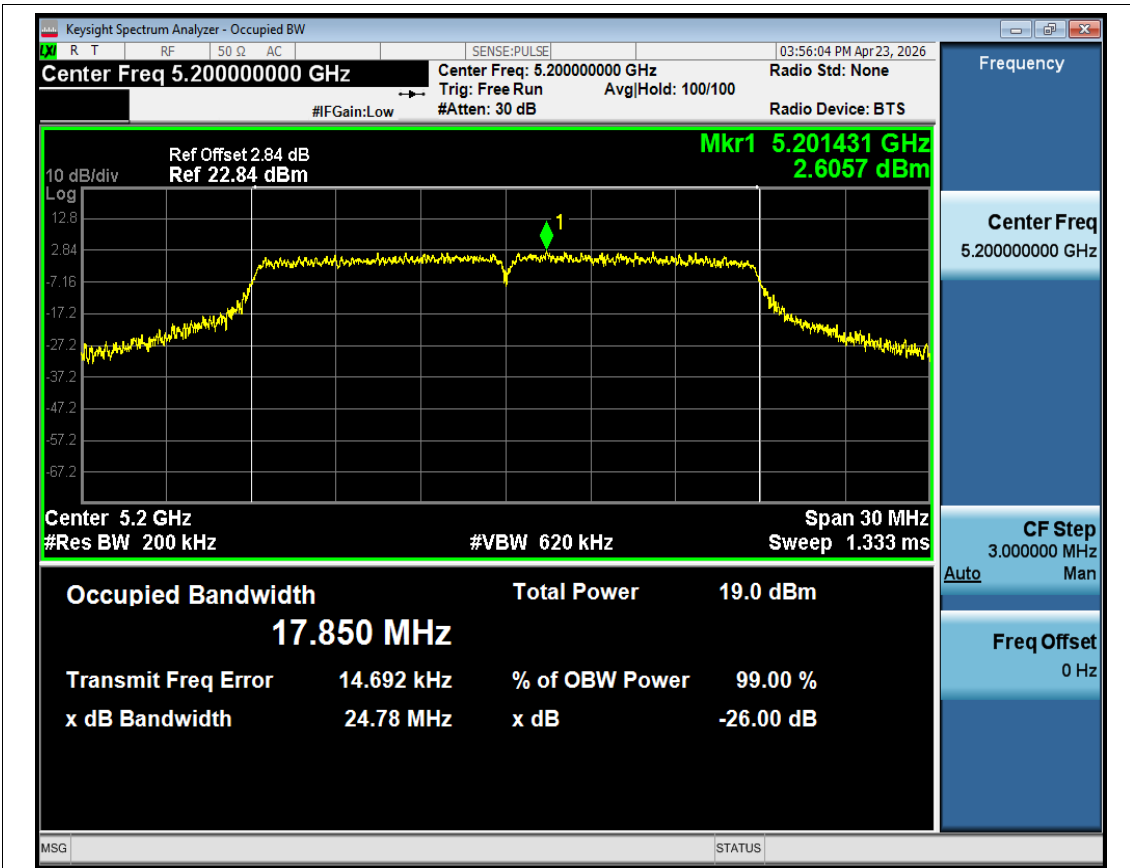
OBW NVNT a 5200MHz Ant1



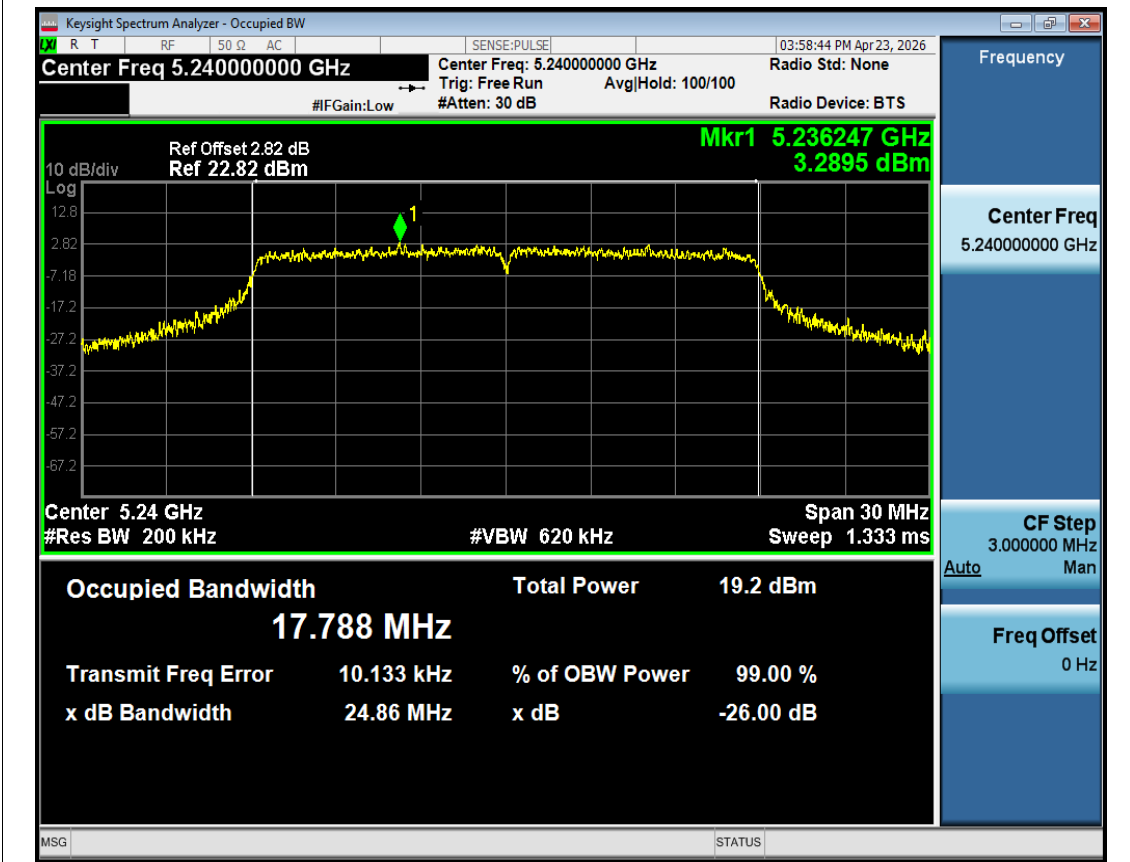
OBW NVNT a 5240MHz Ant1



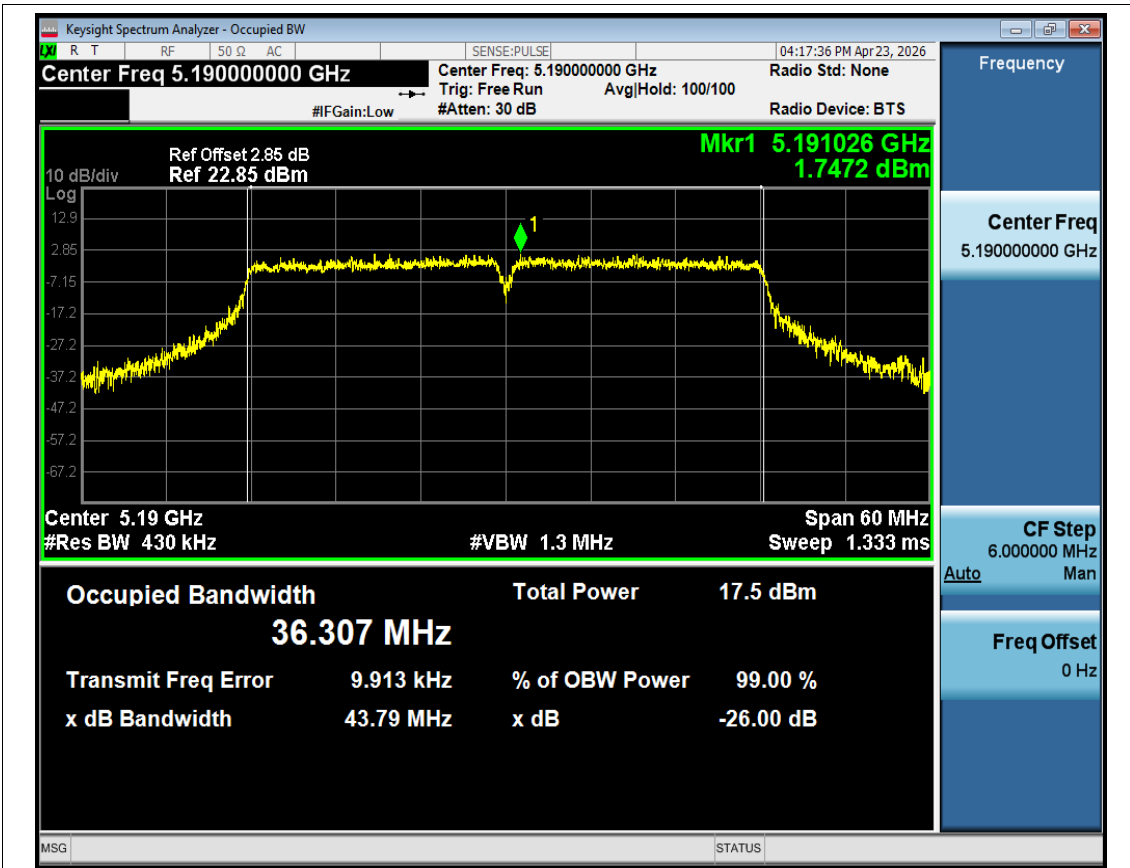
OBW NVNT n20 5180MHz Ant1



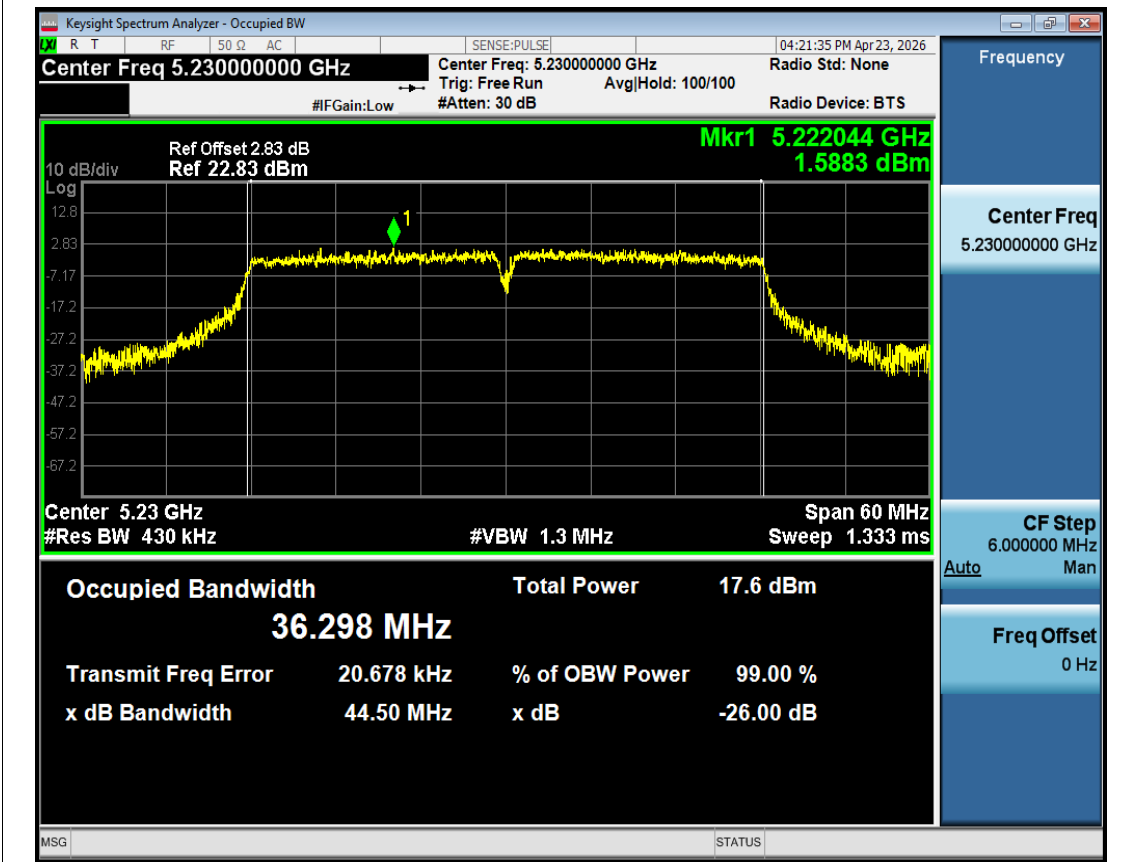
OBW NVNT n20 5200MHz Ant1



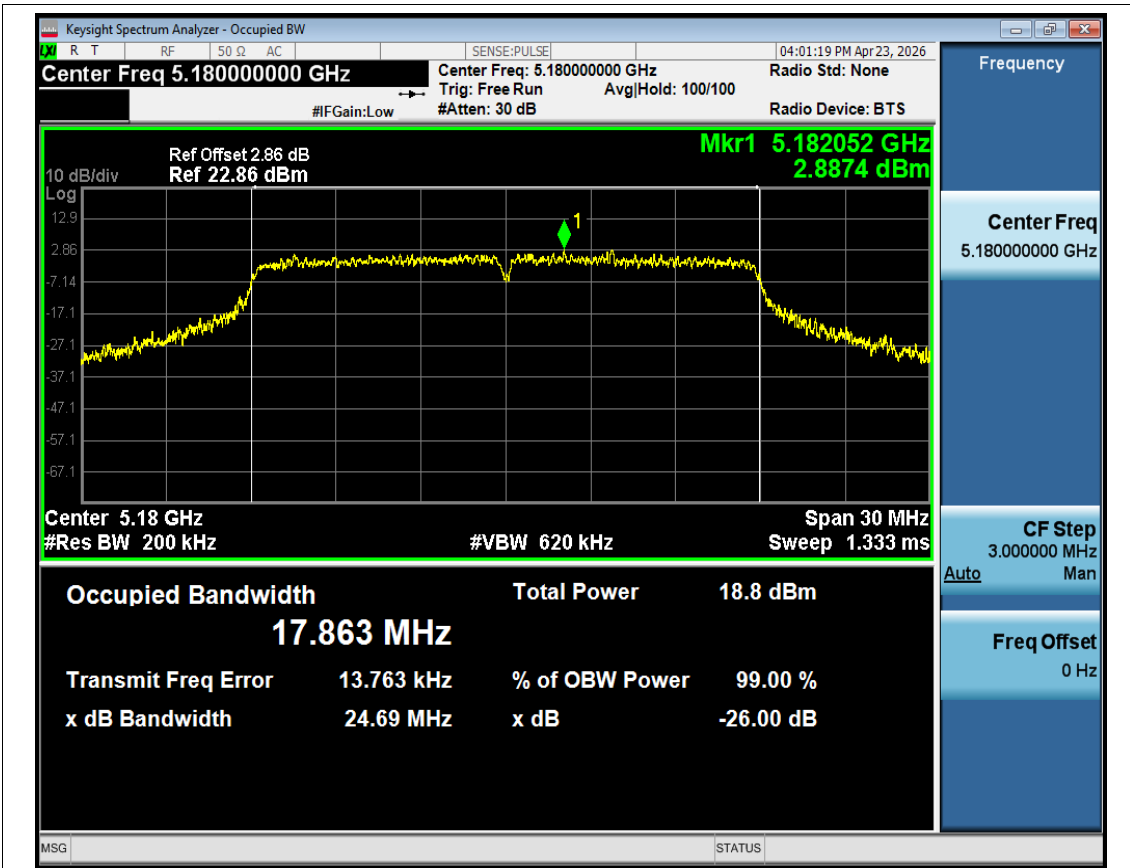
OBW NVNT n20 5240MHz Ant1



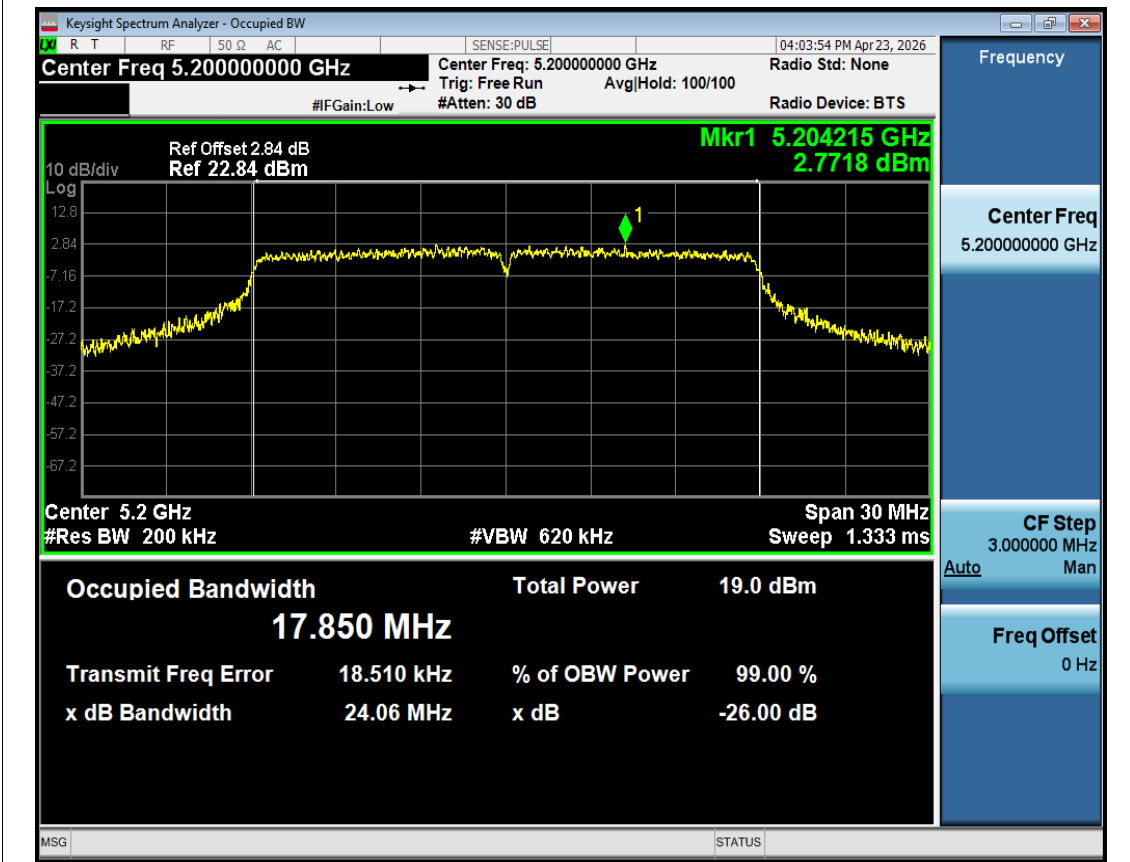
OBW NVNT n40 5190MHz Ant1



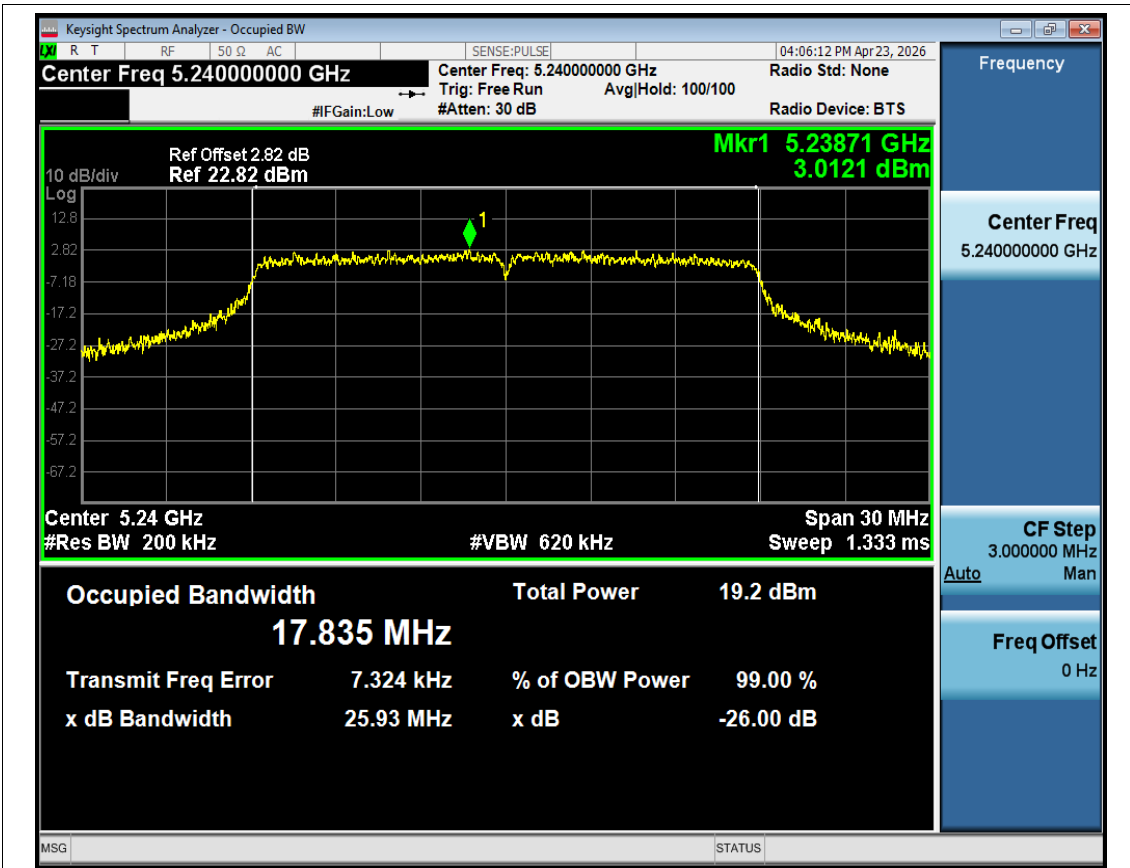
OBW NVNT n40 5230MHz Ant1



OBW NVNT ac20 5180MHz Ant1



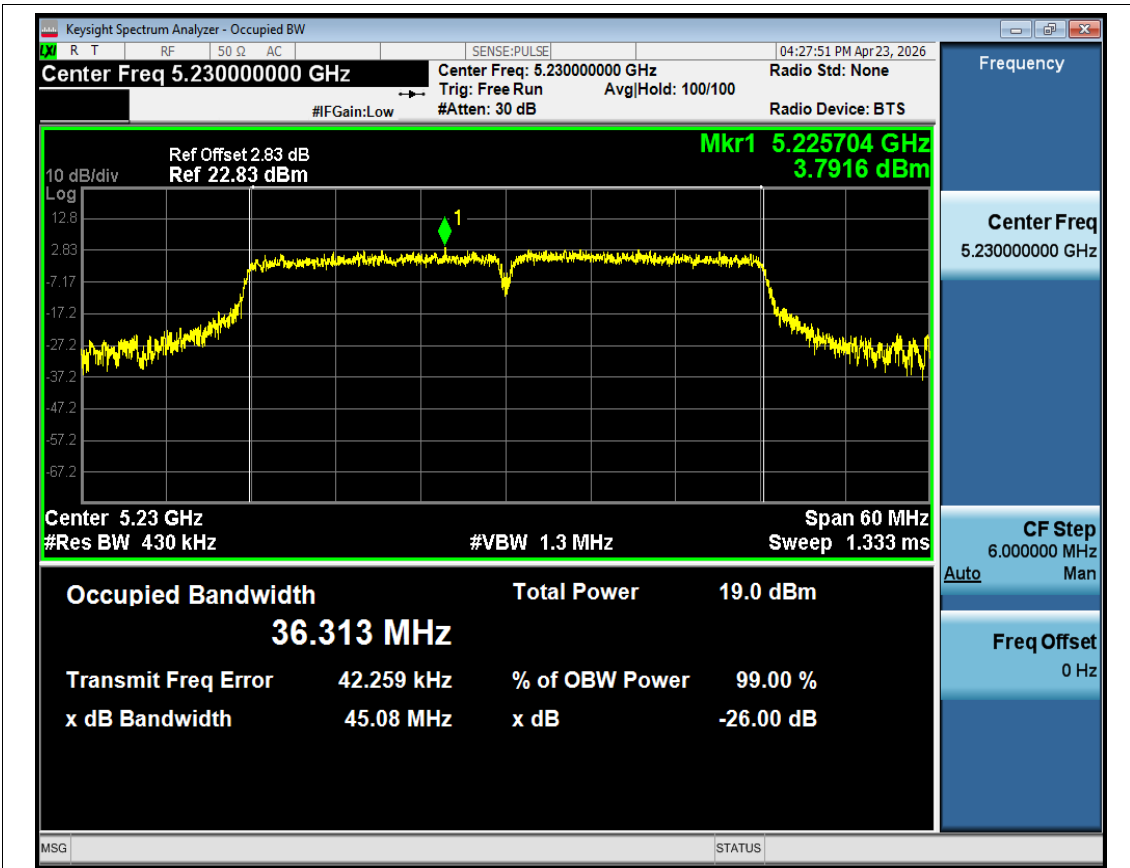
OBW NVNT ac20 5200MHz Ant1



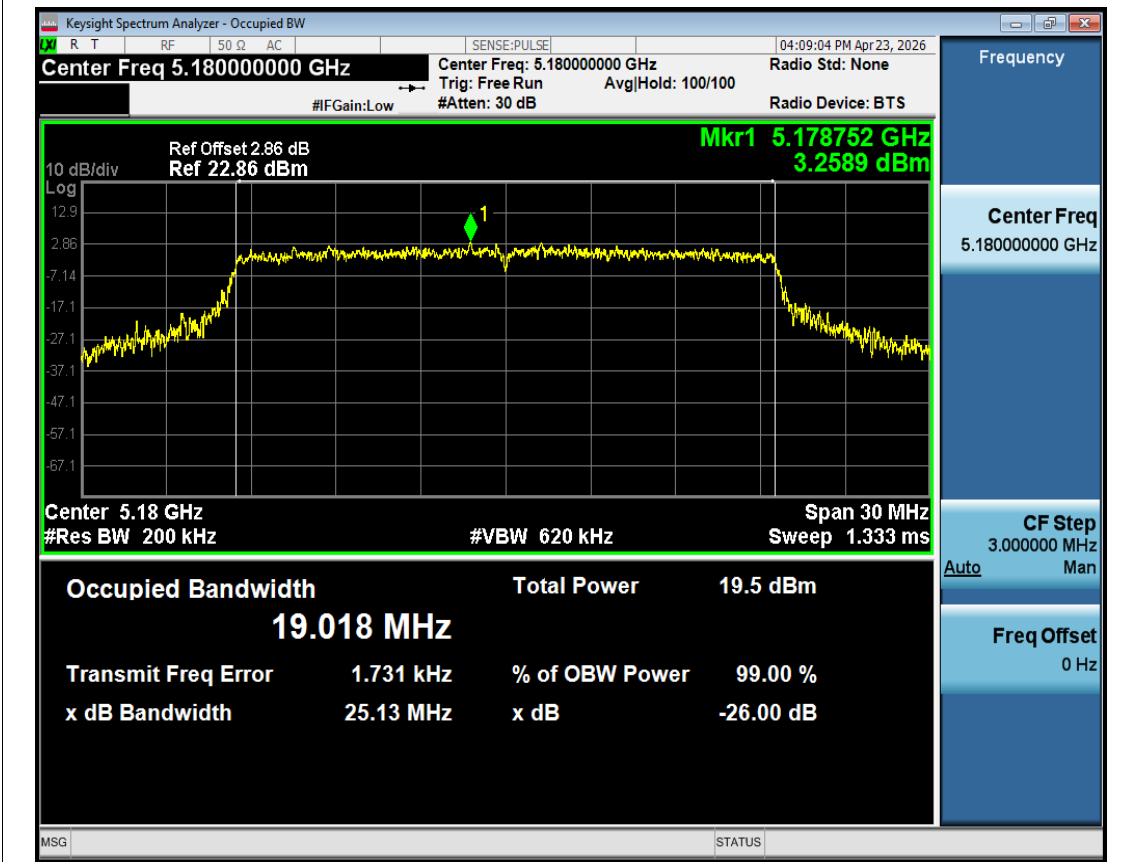
OBW NVNT ac20 5240MHz Ant1



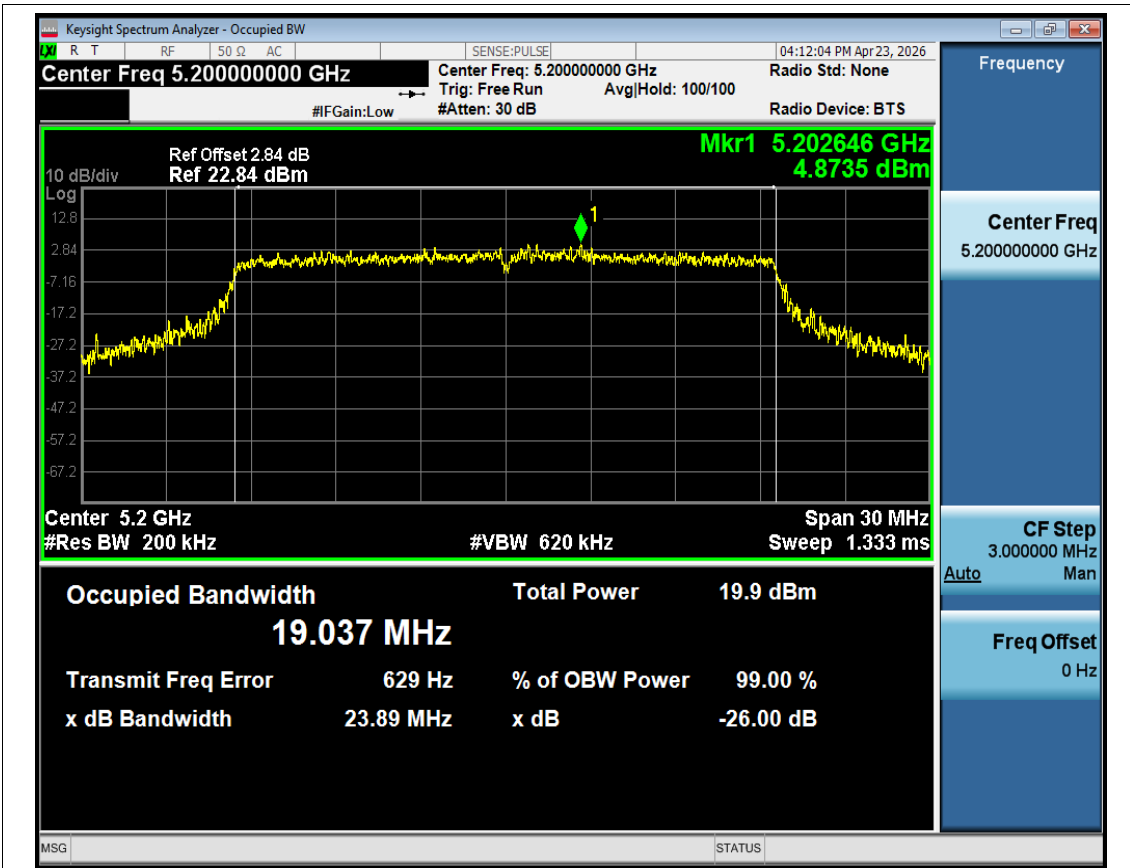
OBW NVNT ac40 5190MHz Ant1



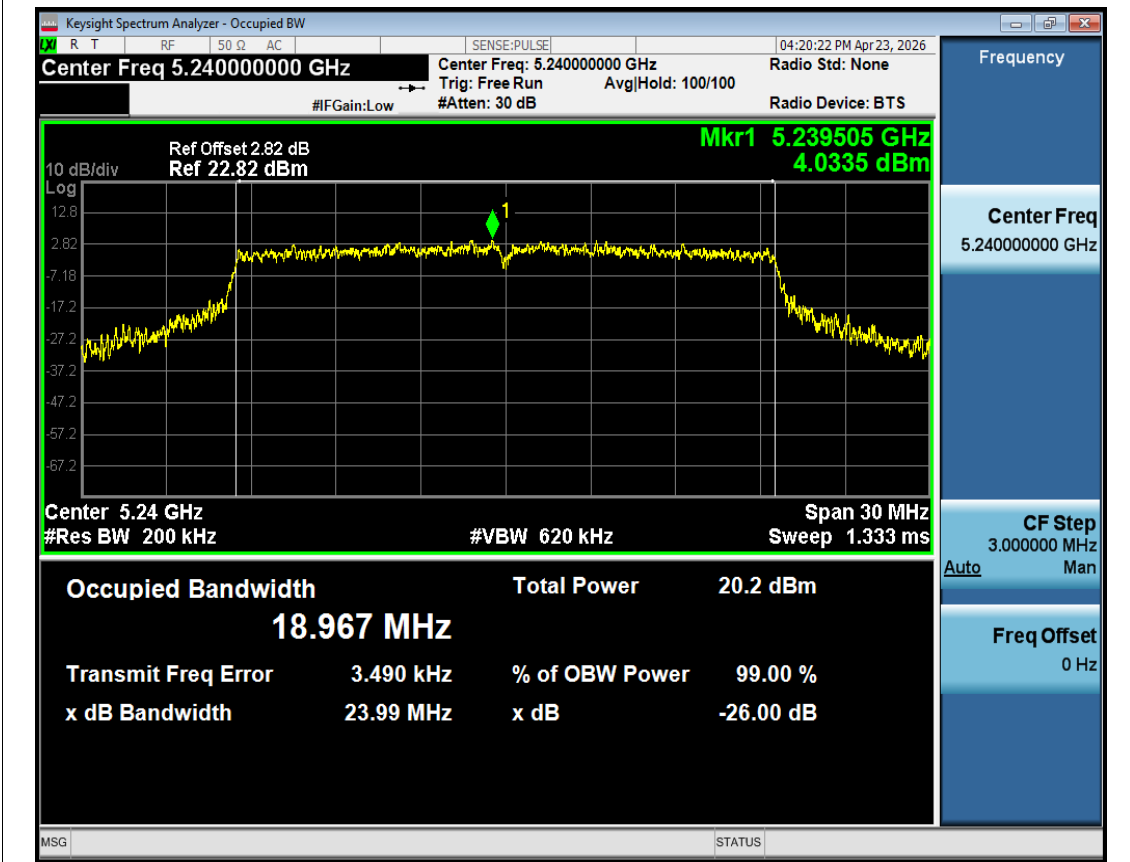
OBW NVNT ac40 5230MHz Ant1



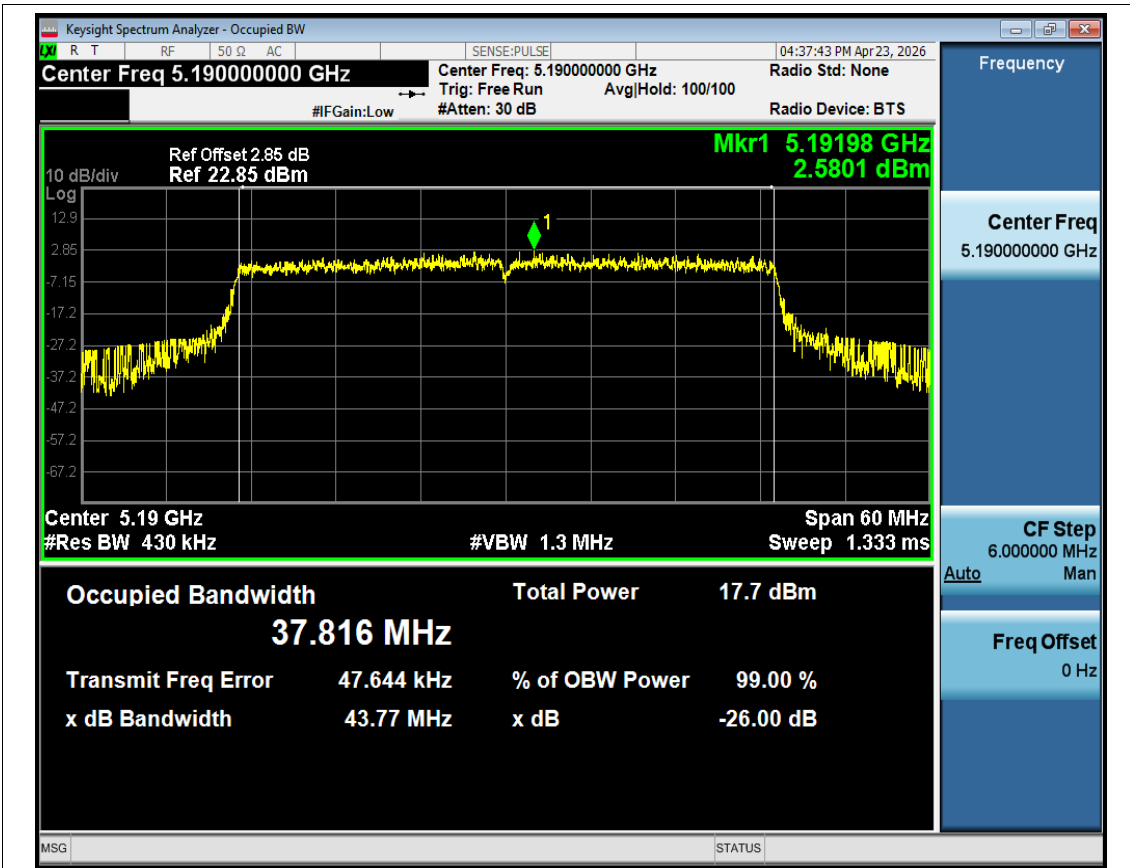
OBW NVNT ax20 5180MHz Ant1



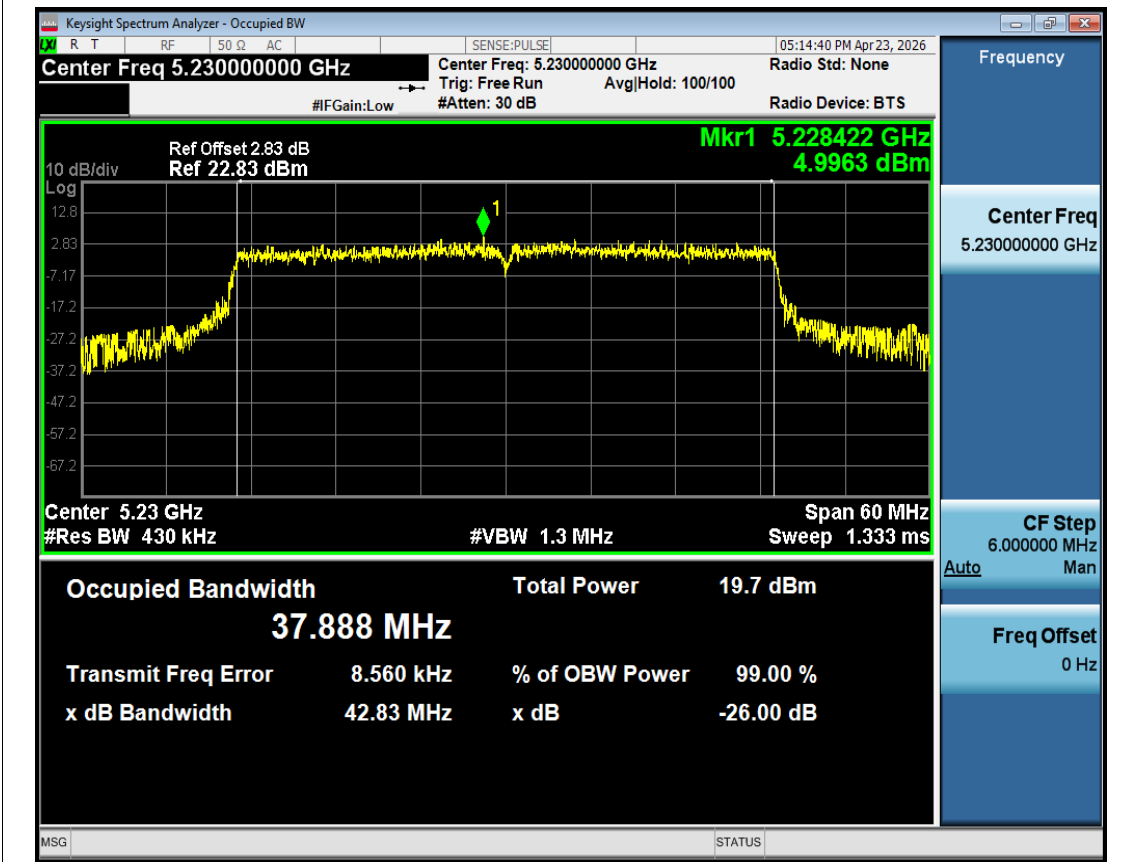
OBW NVNT ax20 5200MHz Ant1



OBW NVNT ax20 5240MHz Ant1



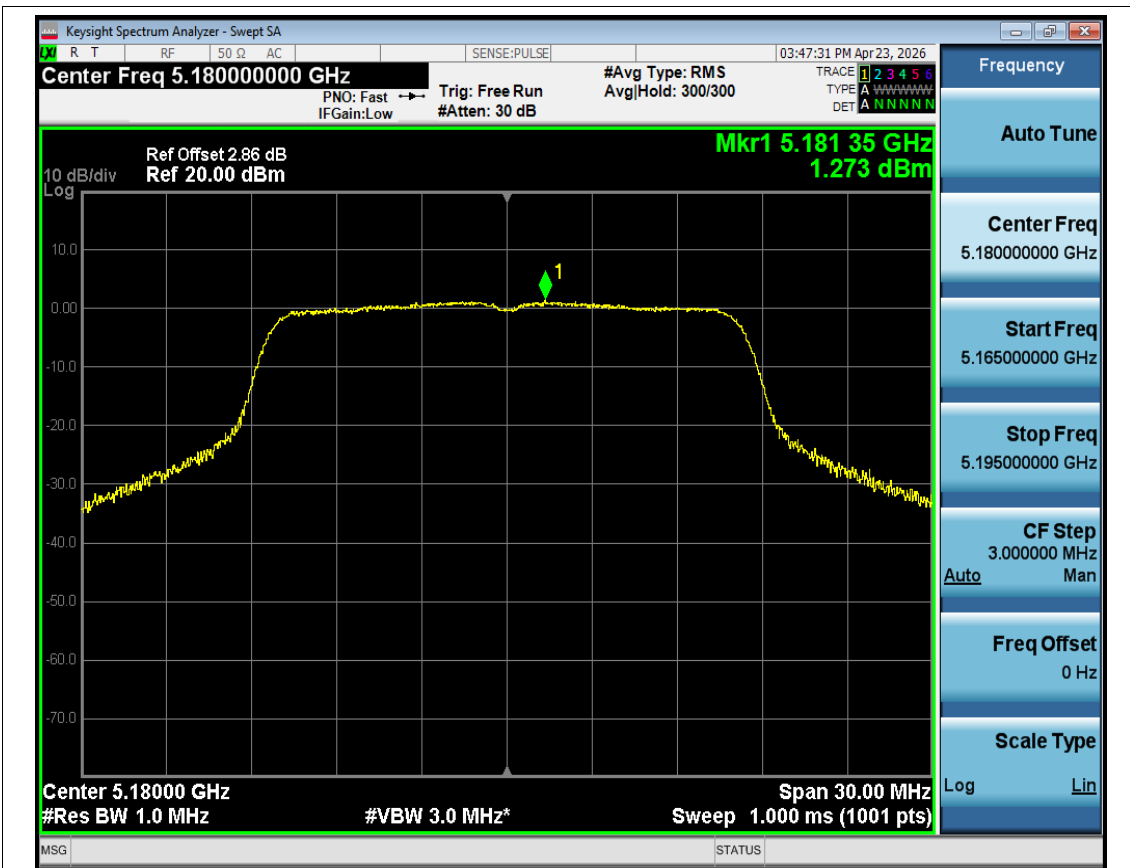
OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 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	1.27	0.99	2.26	11	Pass
NVNT	a	5200	Ant1	0.86	1.34	2.2	11	Pass
NVNT	a	5240	Ant1	2.69	1.23	3.92	11	Pass
NVNT	n20	5180	Ant1	1.89	0.14	2.03	11	Pass
NVNT	n20	5200	Ant1	1.25	0.19	1.44	11	Pass
NVNT	n20	5240	Ant1	2.67	0.14	2.81	11	Pass
NVNT	n40	5190	Ant1	-4.44	1.89	-2.55	11	Pass
NVNT	n40	5230	Ant1	-4.26	2.8	-1.46	11	Pass
NVNT	ac20	5180	Ant1	1.78	0.18	1.96	11	Pass
NVNT	ac20	5200	Ant1	2.28	0.23	2.51	11	Pass
NVNT	ac20	5240	Ant1	2.35	0.16	2.51	11	Pass
NVNT	ac40	5190	Ant1	-6.04	2.22	-3.82	11	Pass
NVNT	ac40	5230	Ant1	-3.03	2.47	-0.56	11	Pass
NVNT	ax20	5180	Ant1	1.78	0.18	1.96	11	Pass
NVNT	ax20	5200	Ant1	2.31	0.34	2.65	11	Pass
NVNT	ax20	5240	Ant1	2.54	0.22	2.76	11	Pass
NVNT	ax40	5190	Ant1	-4.25	2.69	-1.56	11	Pass
NVNT	ax40	5230	Ant1	-4.98	0.21	-4.77	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



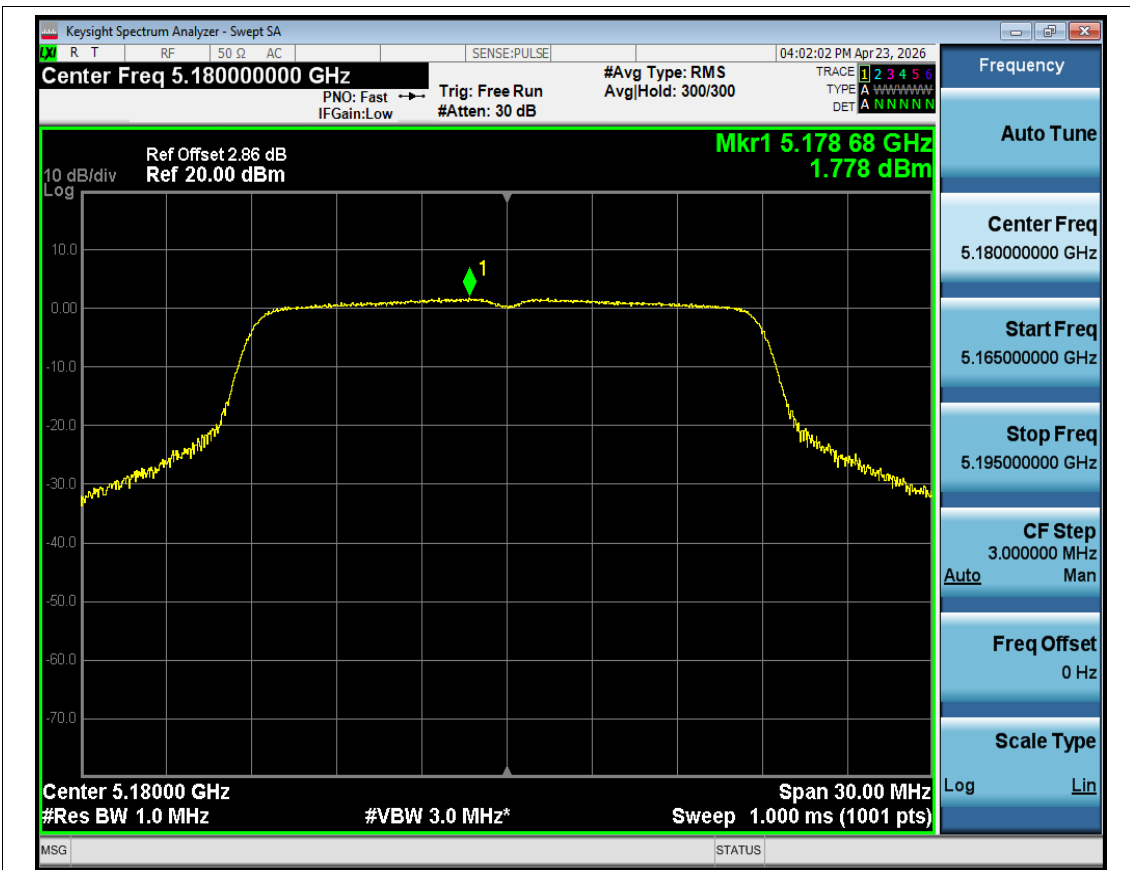
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



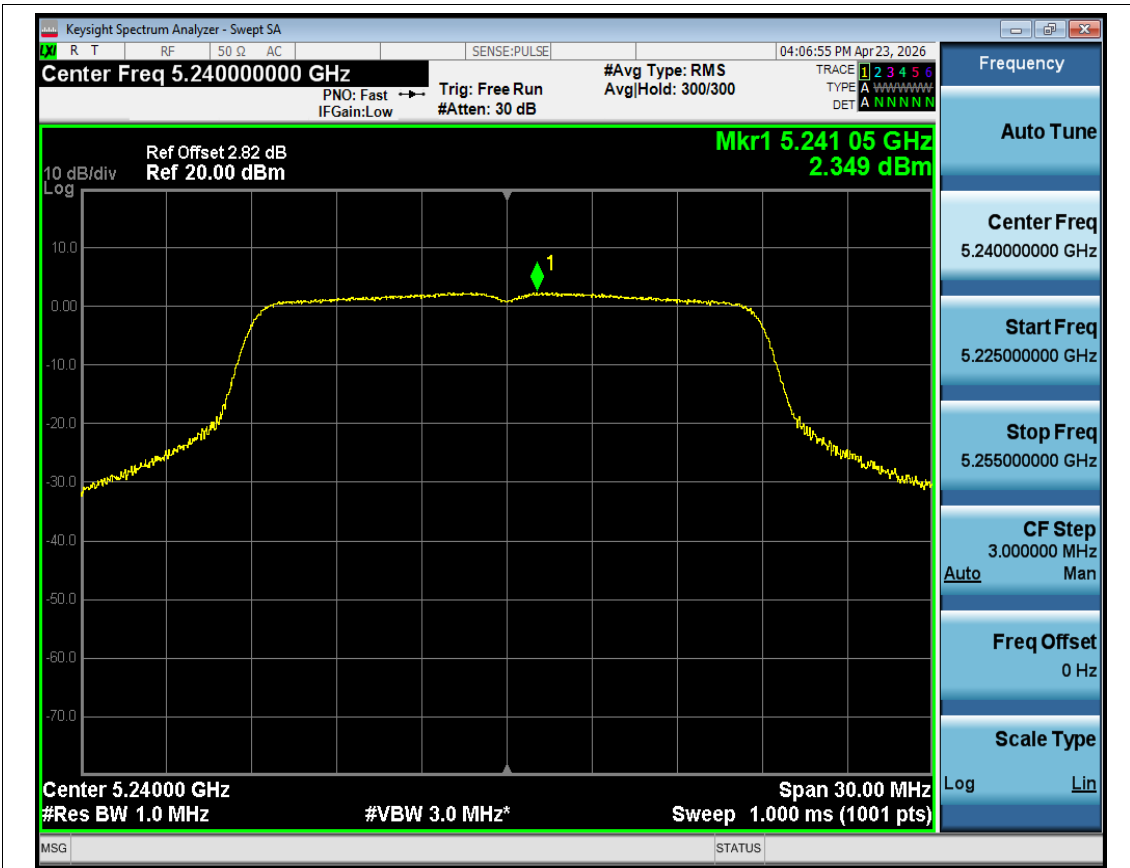
PSD NVNT n40 5230MHz Ant1



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1



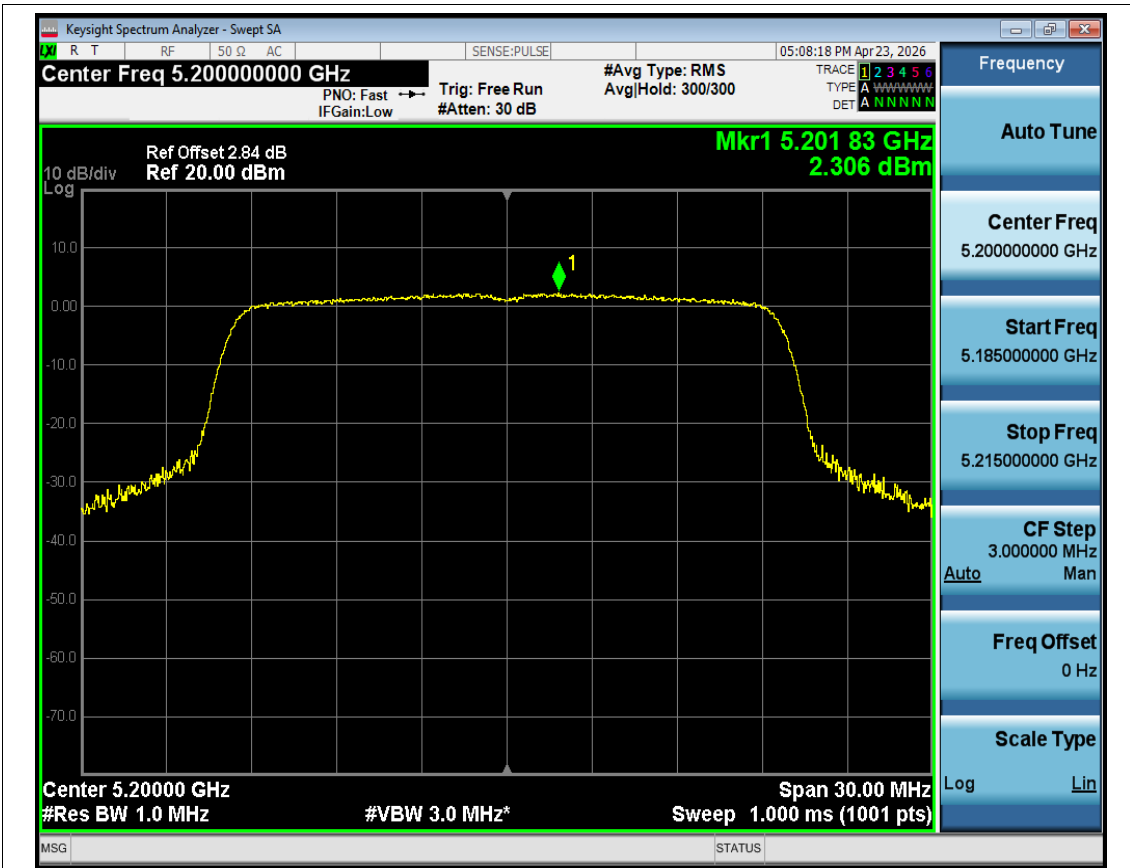
PSD NVNT ac40 5190MHz Ant1



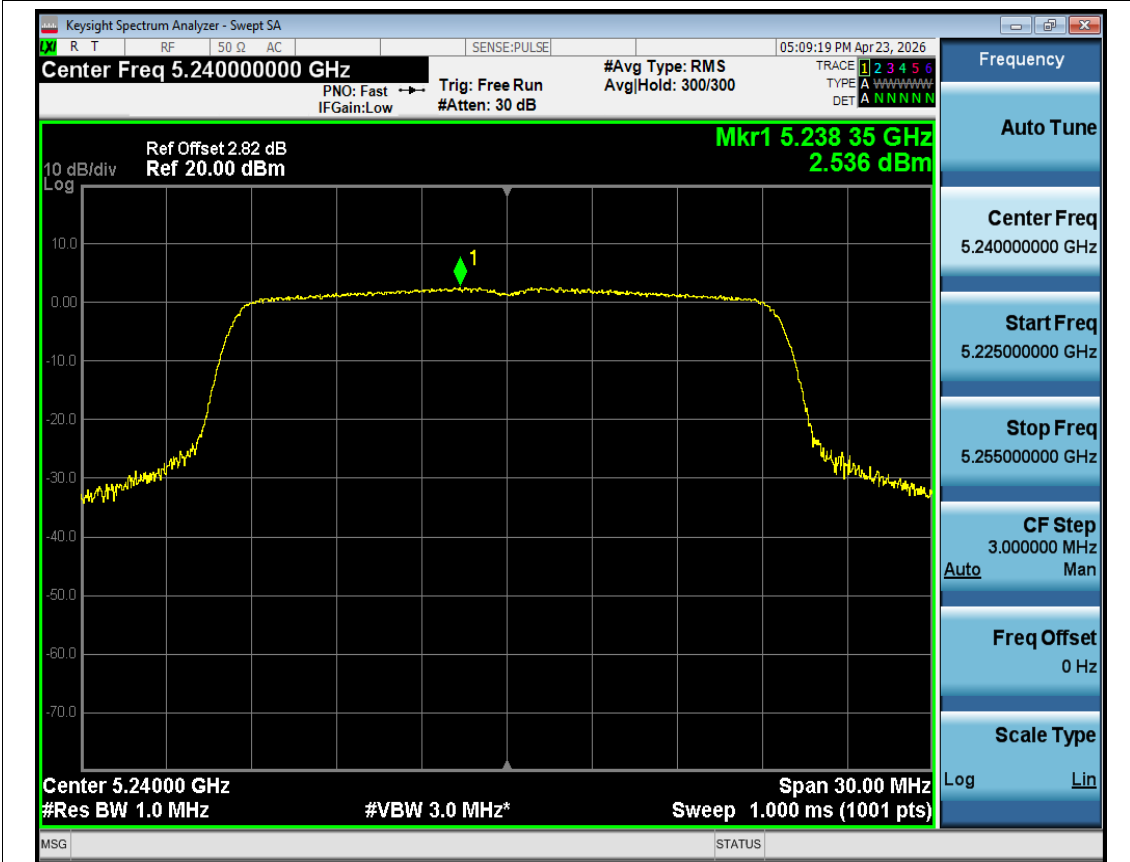
PSD NVNT ac40 5230MHz Ant1



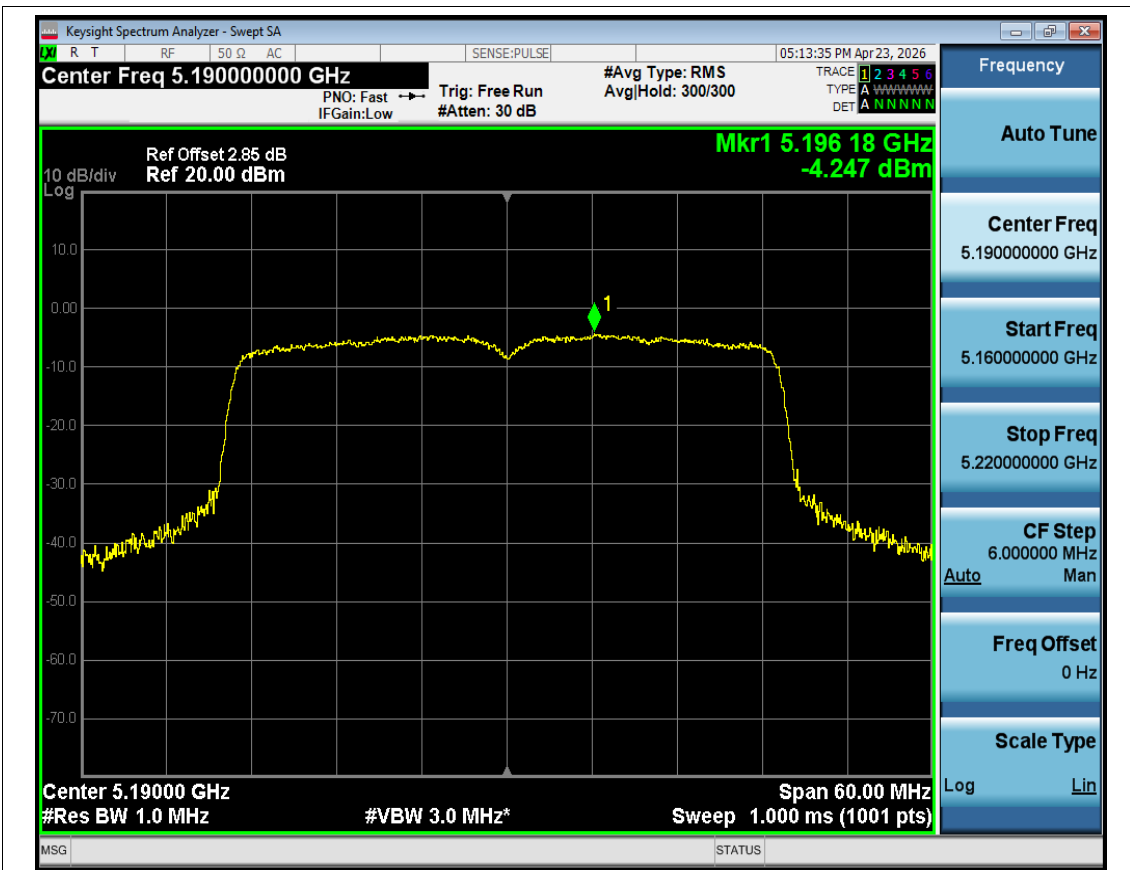
PSD NVNT ax20 5180MHz Ant1



PSD NVNT ax20 5200MHz Ant1



PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1

Band Edge

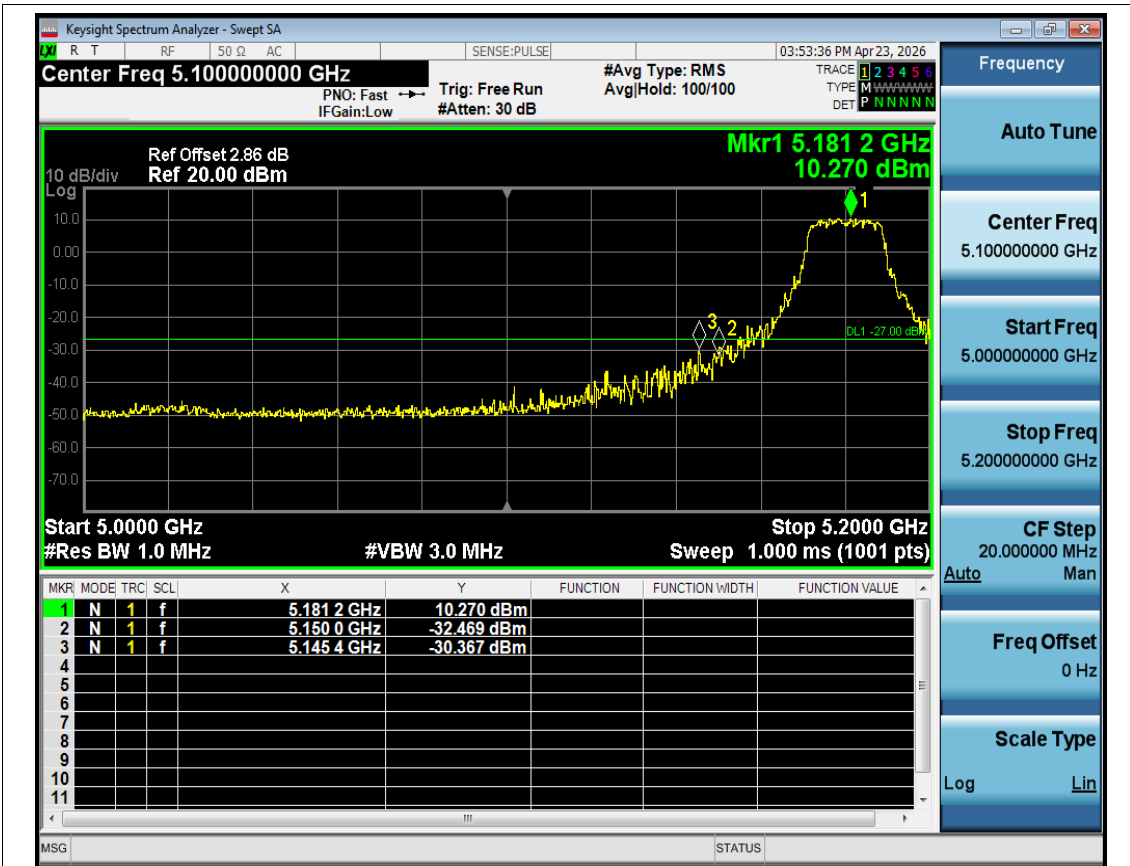
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.75	-27	Pass
NVNT	a	5240	Ant1	-44.23	-27	Pass
NVNT	n20	5180	Ant1	-30.36	-27	Pass
NVNT	n20	5240	Ant1	-45	-27	Pass
NVNT	n40	5190	Ant1	-27.41	-27	Pass
NVNT	n40	5230	Ant1	-38.74	-27	Pass
NVNT	ac20	5180	Ant1	-29.43	-27	Pass
NVNT	ac20	5240	Ant1	-44.85	-27	Pass
NVNT	ac40	5190	Ant1	-27.44	-27	Pass
NVNT	ac40	5230	Ant1	-38.22	-27	Pass
NVNT	ax20	5180	Ant1	-29.67	-27	Pass
NVNT	ax20	5240	Ant1	-44.77	-27	Pass
NVNT	ax40	5190	Ant1	-29.73	-27	Pass
NVNT	ax40	5230	Ant1	-40.06	-27	Pass



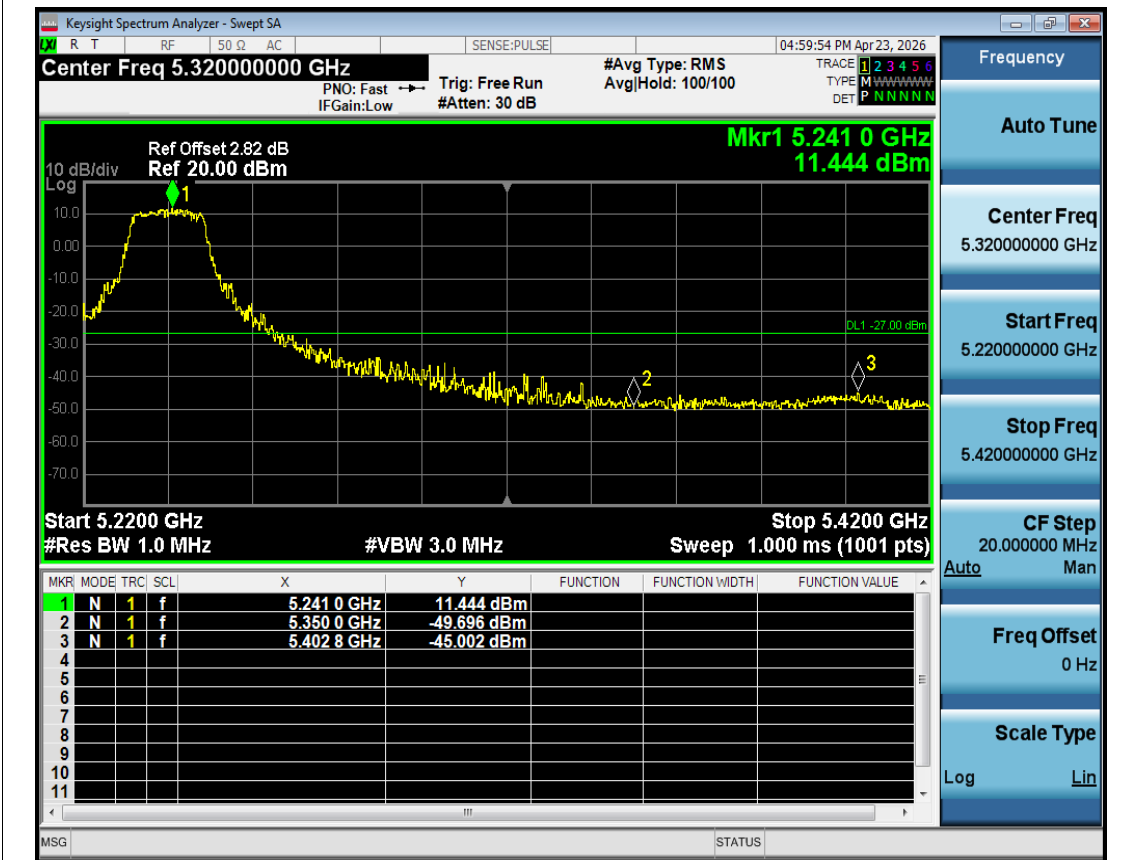
Band Edge NVNT a 5180MHz Low Ant1



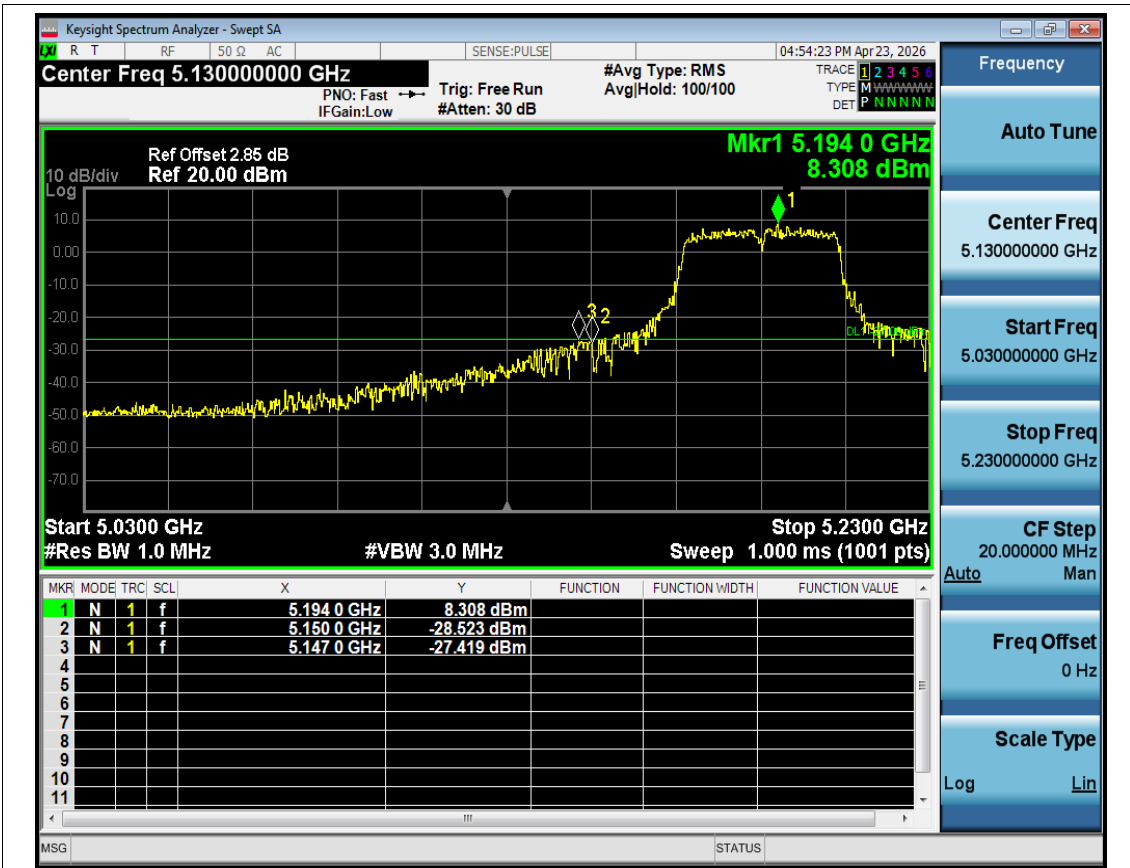
Band Edge NVNT a 5240MHz High Ant1



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



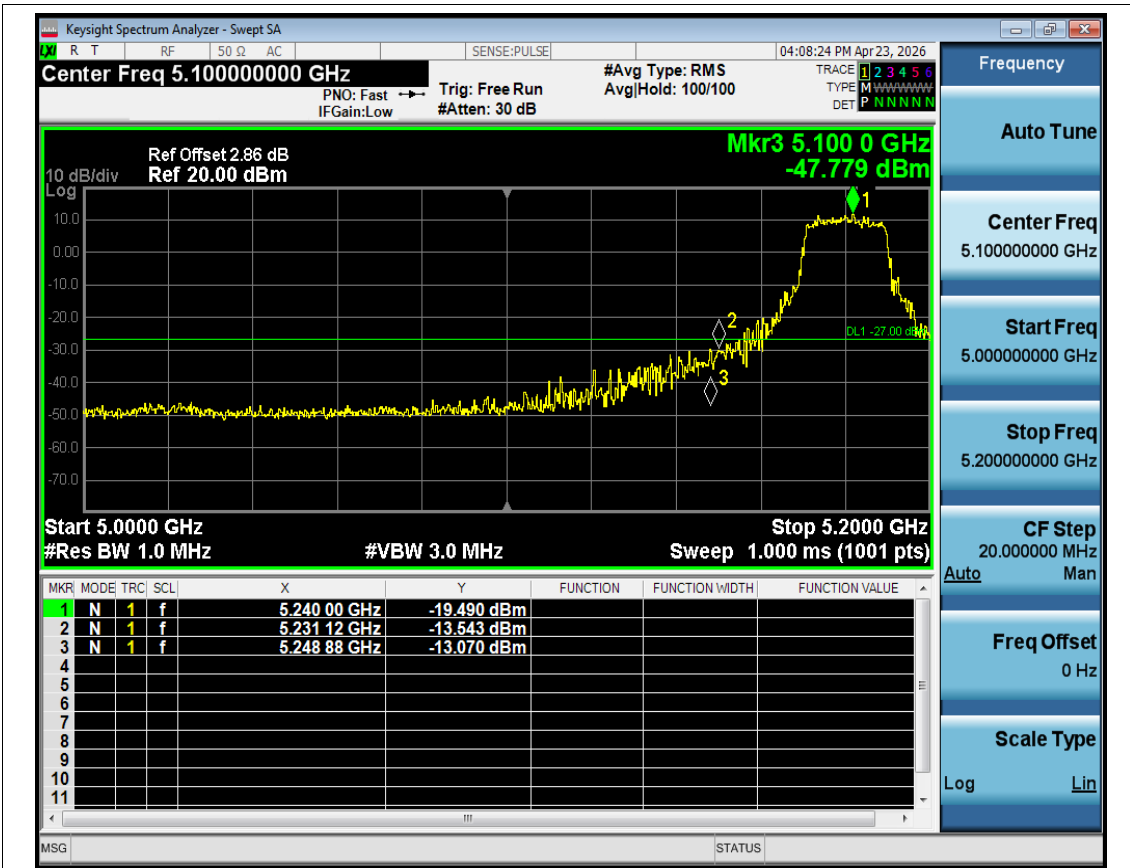
Band Edge NVNT ac20 5240MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



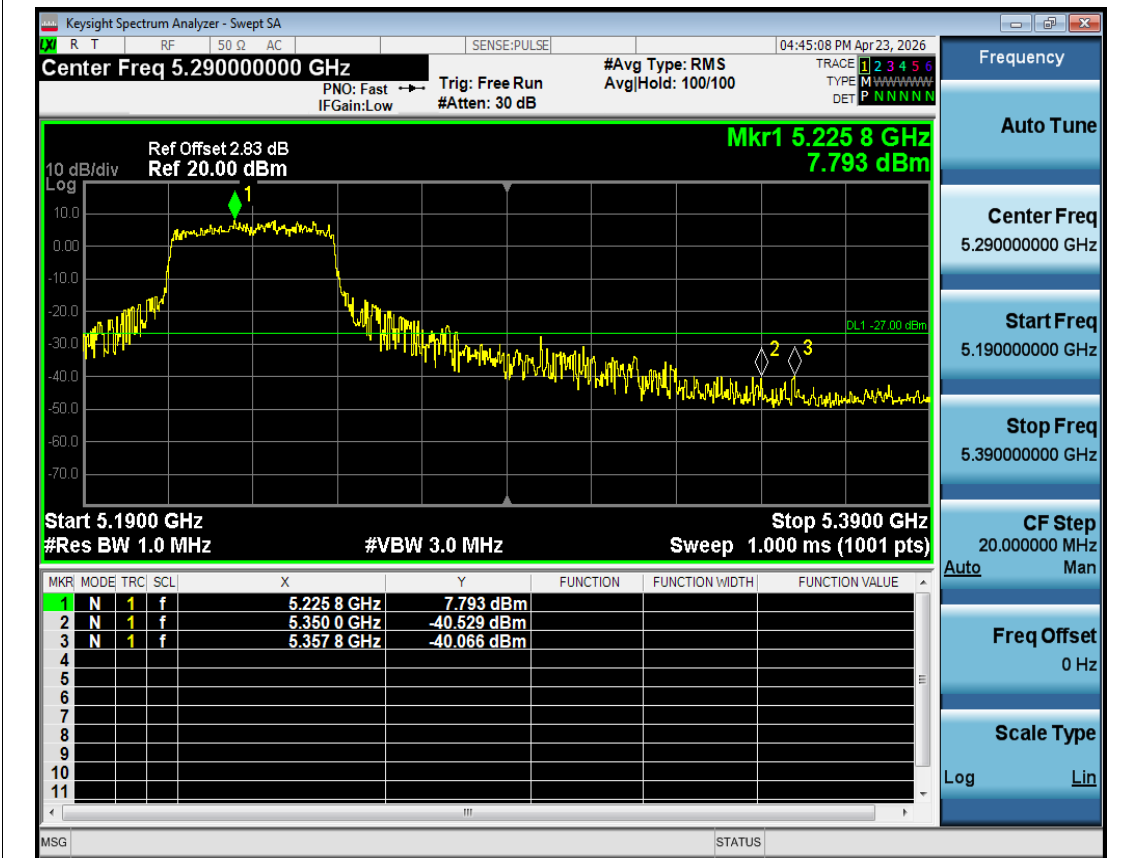
Band Edge NVNT ax20 5180MHz Low Ant1



Band Edge NVNT ax20 5240MHz High Ant1



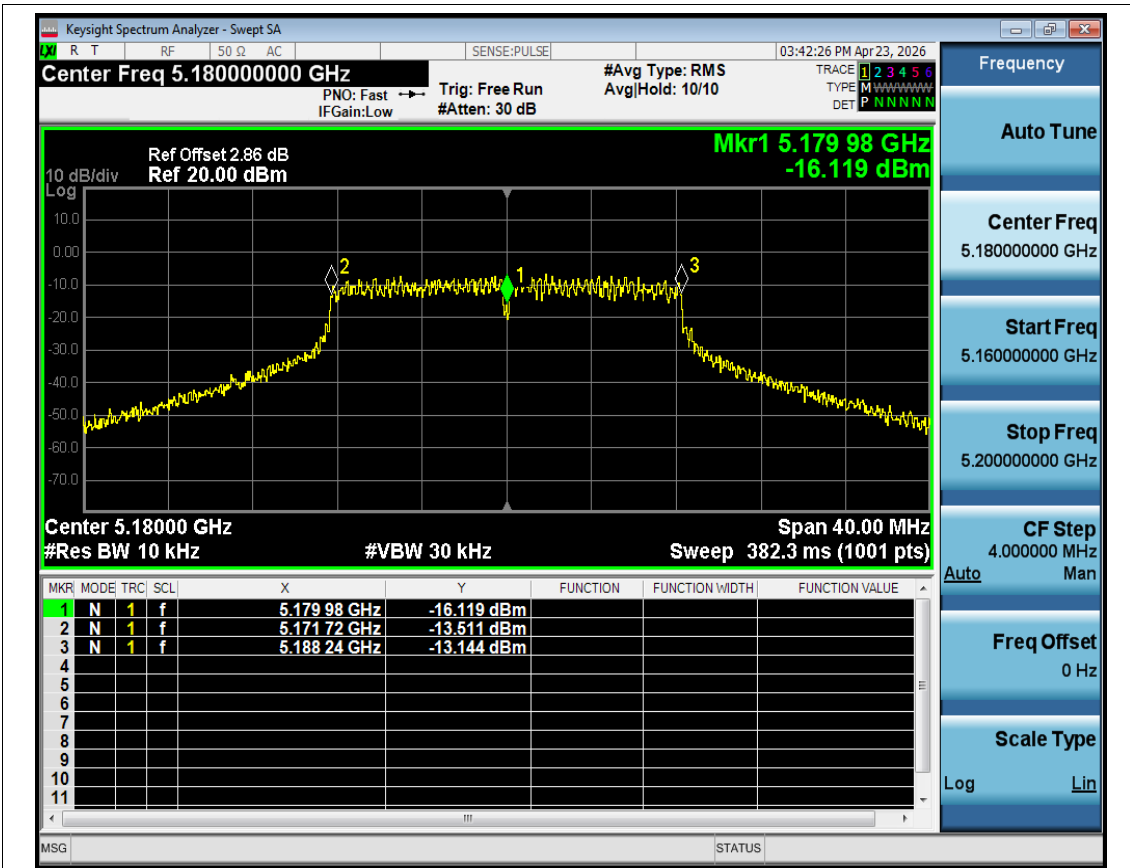
Band Edge NVNT ax40 5190MHz Low Ant1



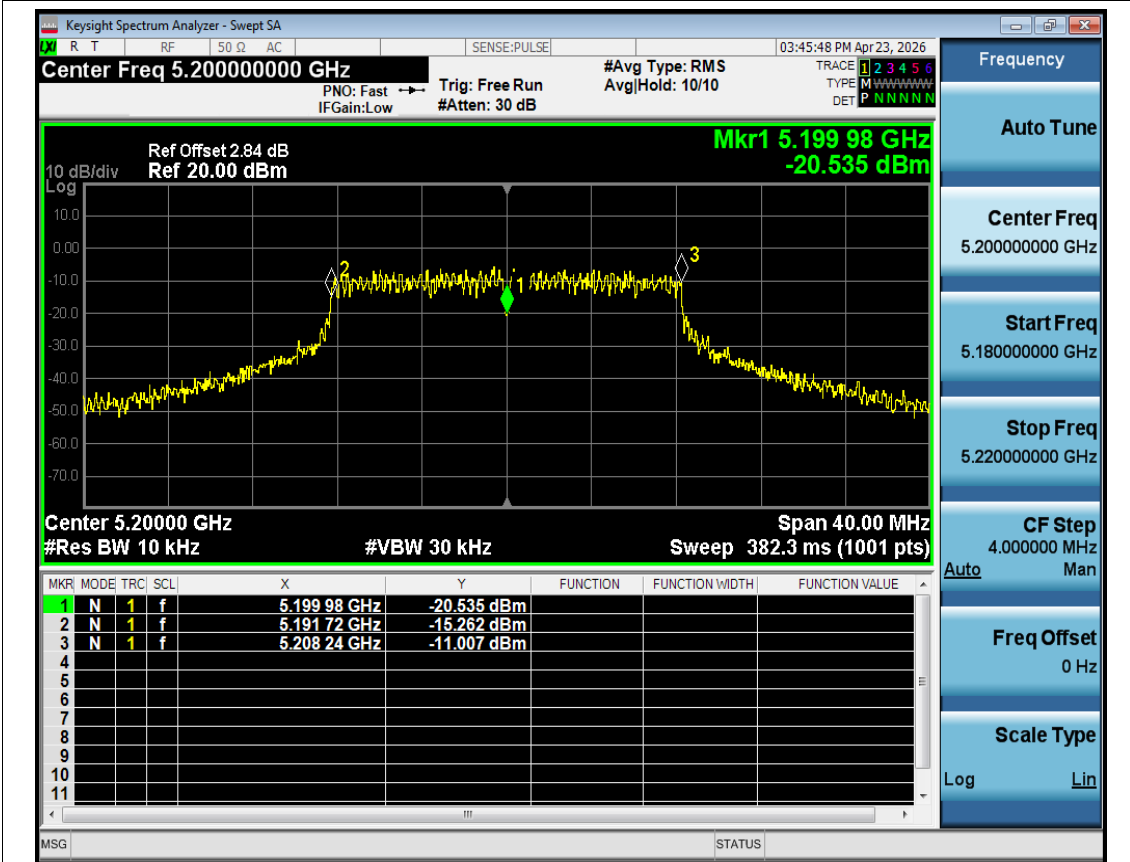
Band Edge NVNT ax40 5230MHz High Ant1

Frequency Stability

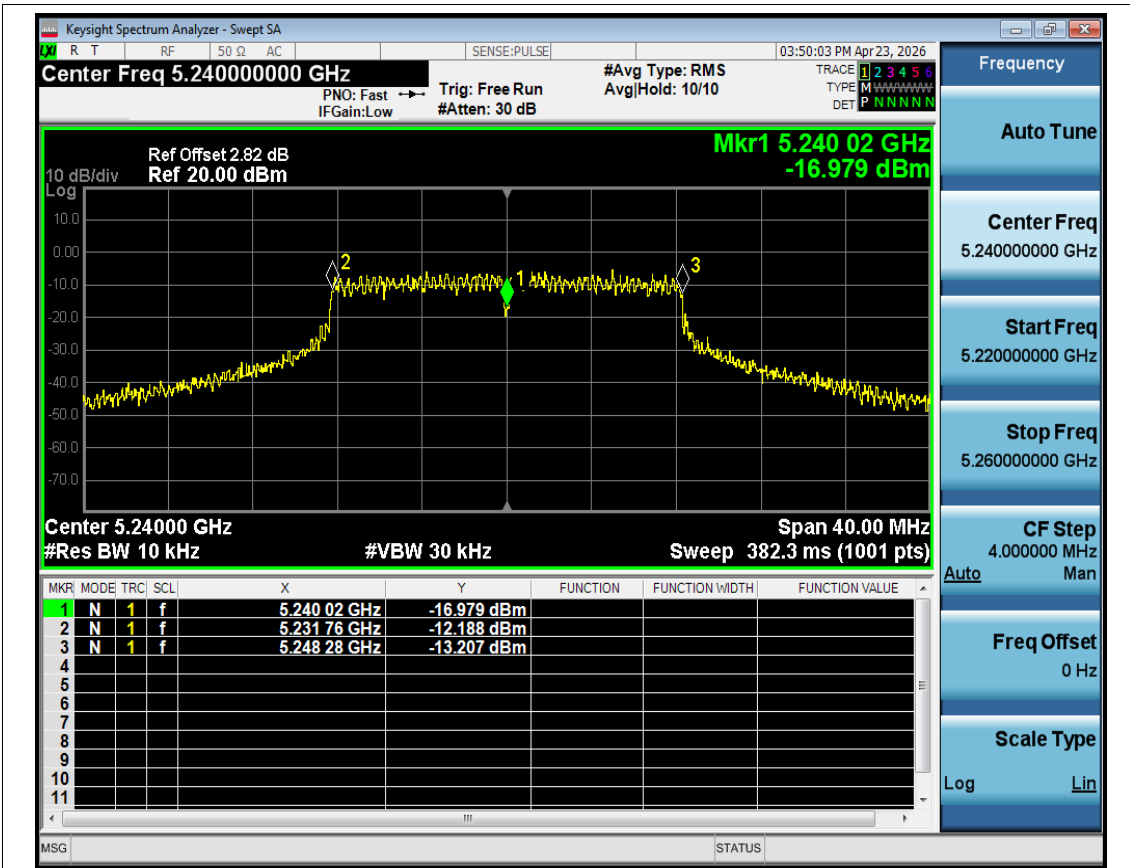
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant1	5240.02	20000	3.82	25	Pass
NVNT	n20	5180	Ant1	5180	0	0	25	Pass
NVNT	n20	5200	Ant1	5200	0	0	25	Pass
NVNT	n20	5240	Ant1	5240	0	0	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac20	5180	Ant1	5180	0	0	25	Pass
NVNT	ac20	5200	Ant1	5200	0	0	25	Pass
NVNT	ac20	5240	Ant1	5240	0	0	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ax20	5180	Ant1	5180	0	0	25	Pass
NVNT	ax20	5200	Ant1	5200	0	0	25	Pass
NVNT	ax20	5240	Ant1	5240	0	0	25	Pass
NVNT	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NVNT	ax40	5230	Ant1	5230	0	0	25	Pass



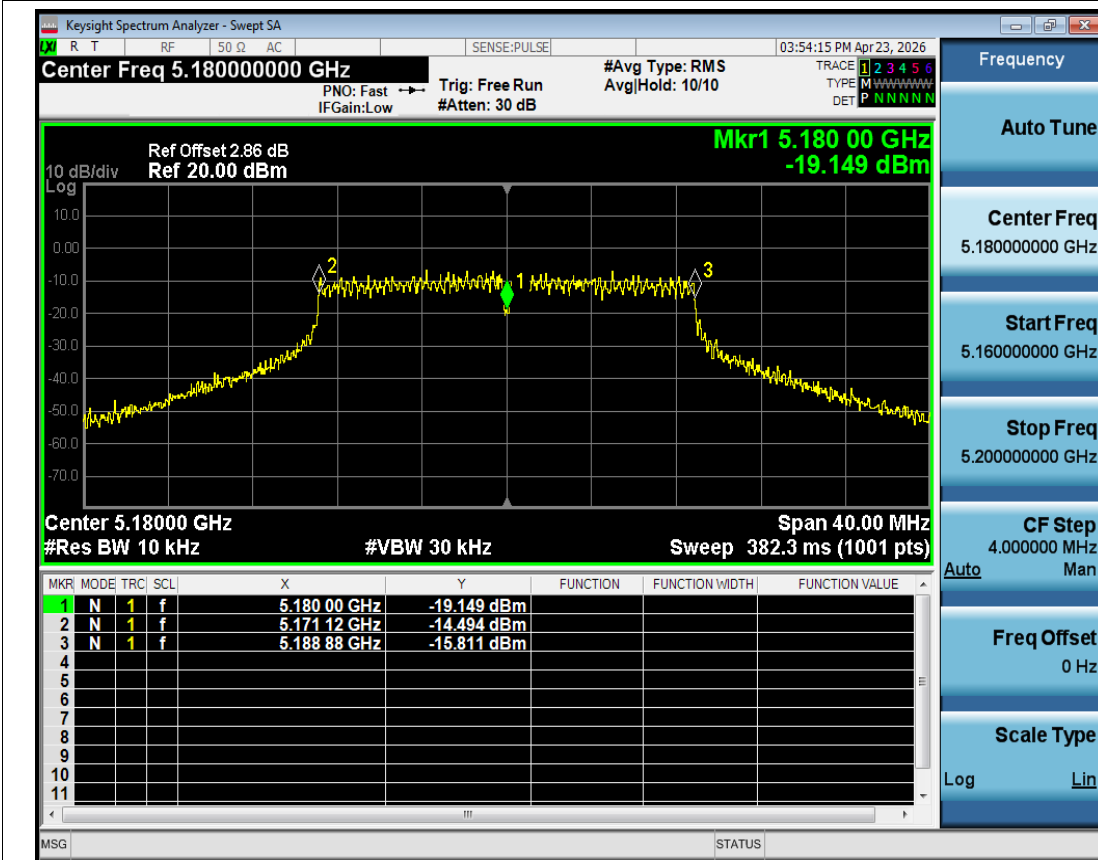
Freq. Stability NVNT a 5180MHz Ant1



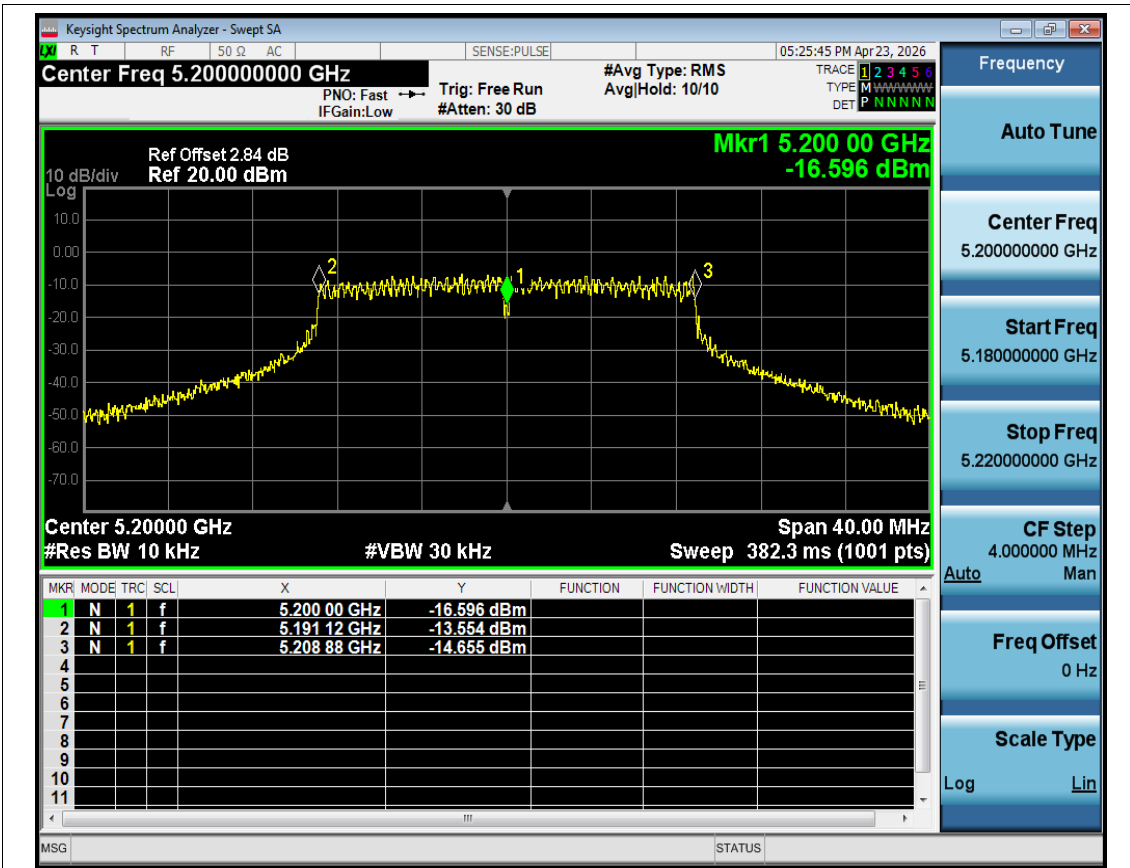
Freq. Stability NVNT a 5200MHz Ant1



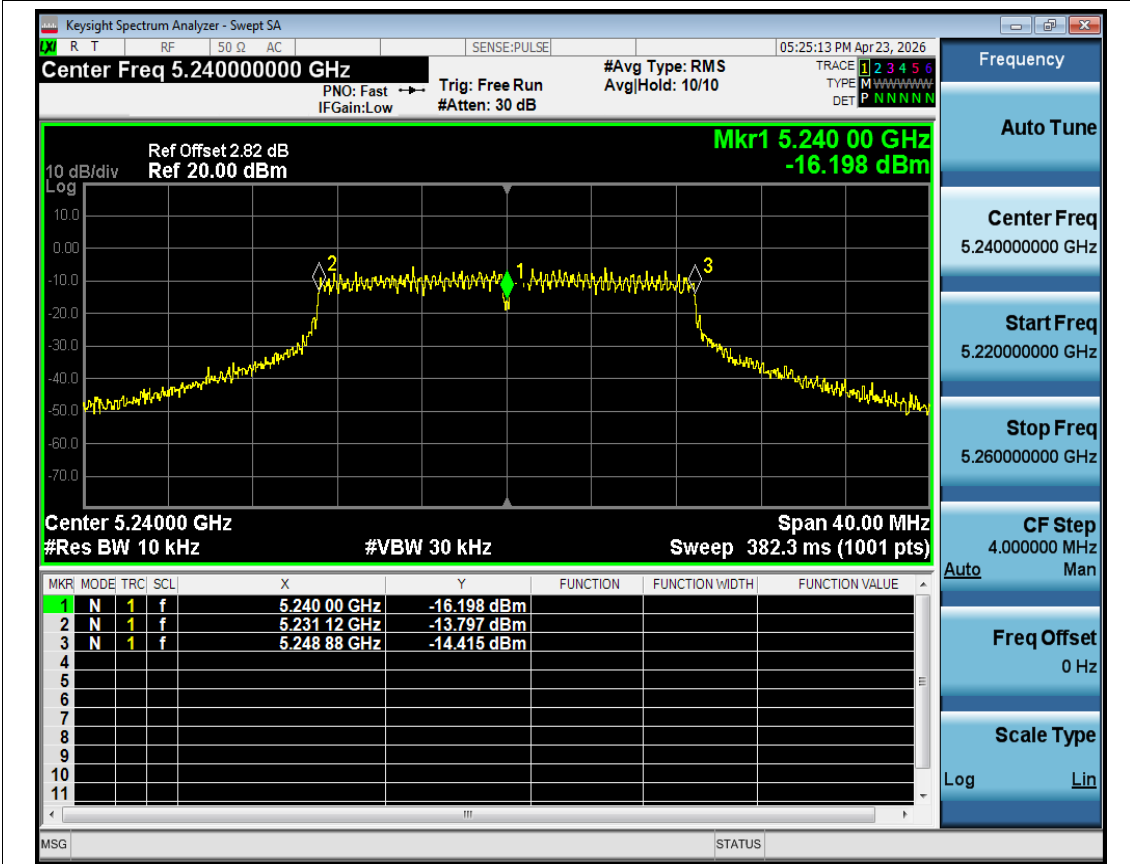
Freq. Stability NVNT a 5240MHz Ant1



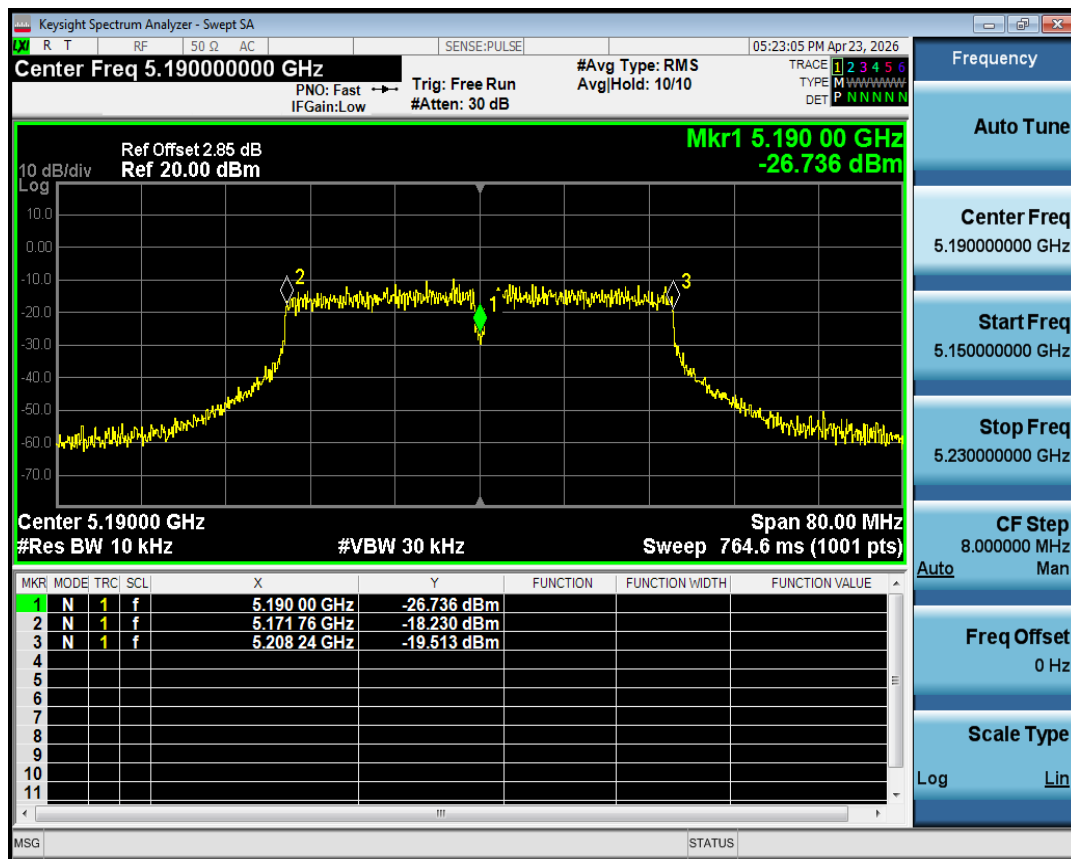
Freq. Stability NVNT n20 5180MHz Ant1



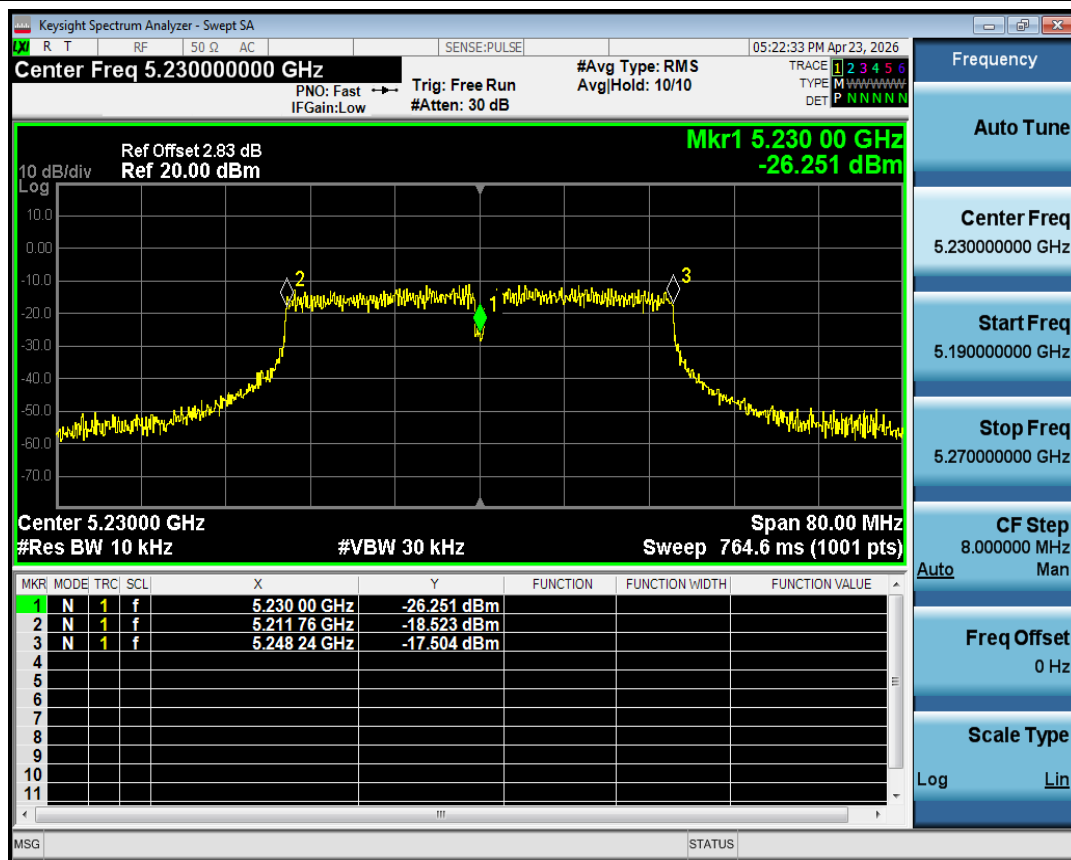
Freq. Stability NVNT n20 5200MHz Ant1



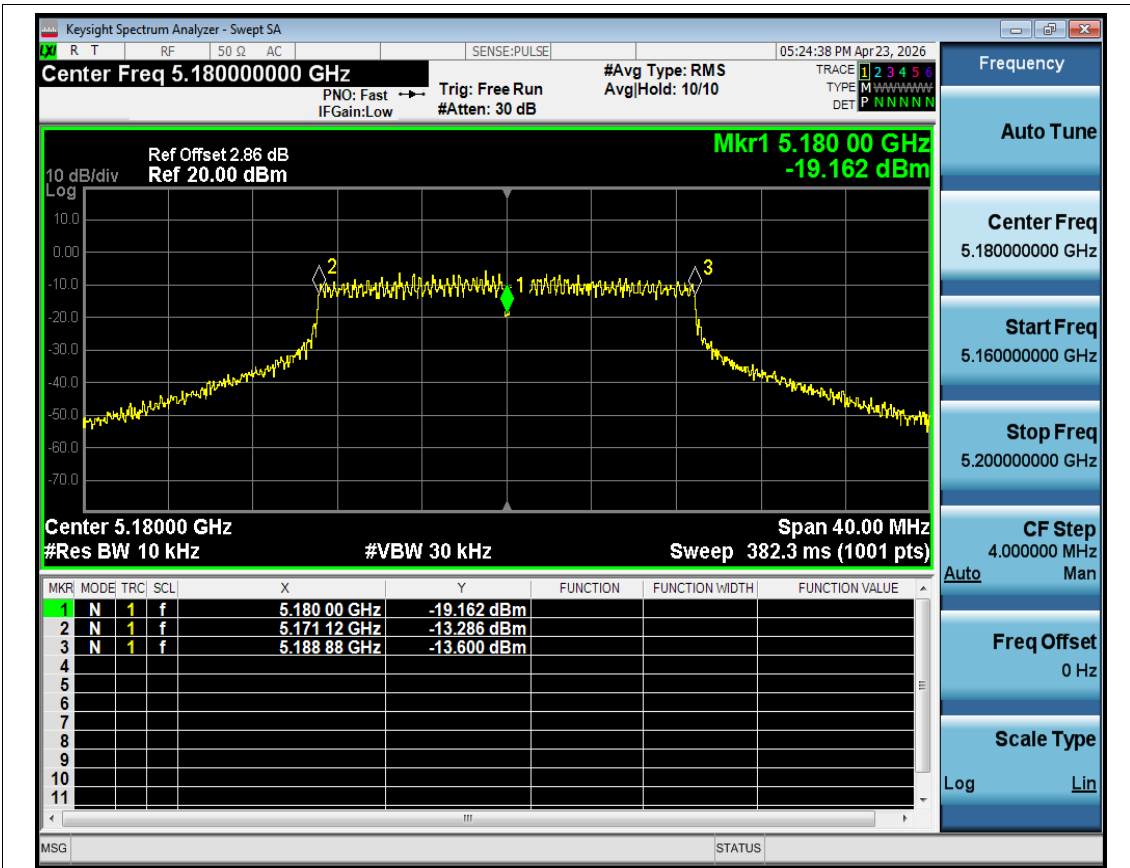
Freq. Stability NVNT n20 5240MHz Ant1



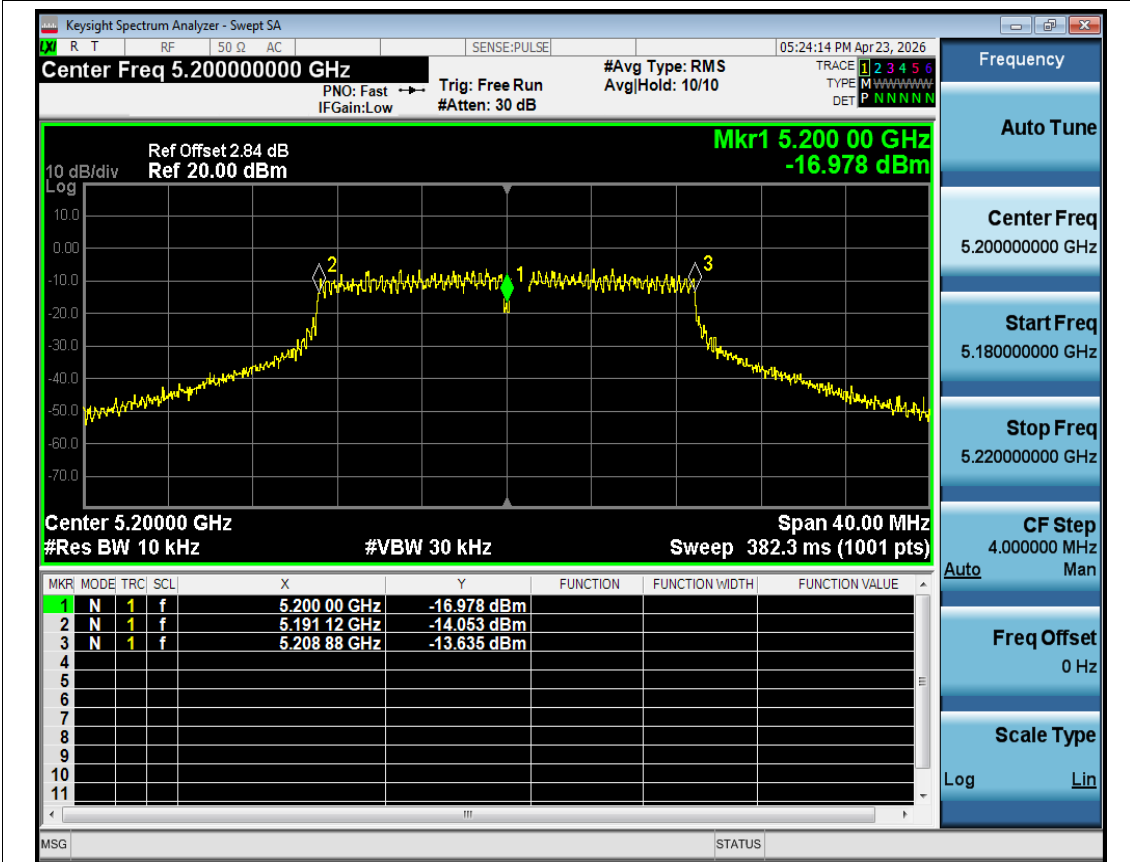
Freq. Stability NVNT n40 5190MHz Ant1



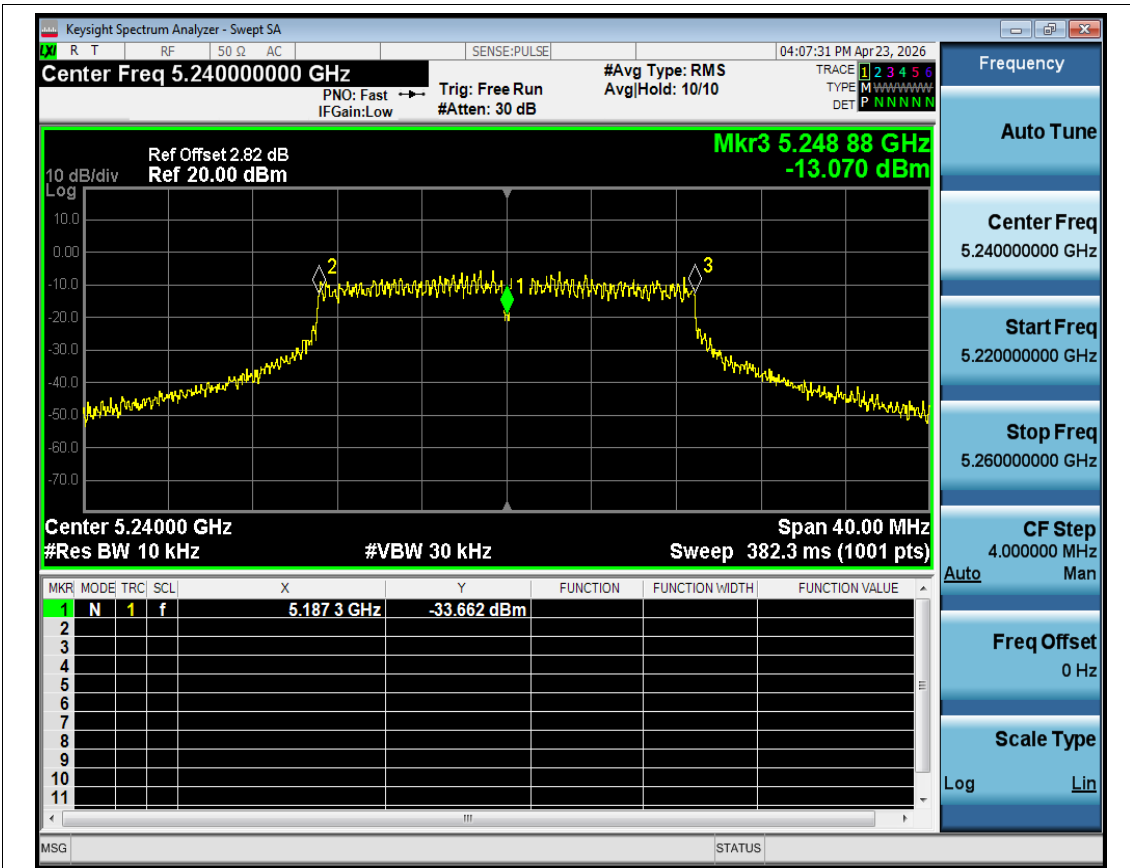
Freq. Stability NVNT n40 5230MHz Ant1



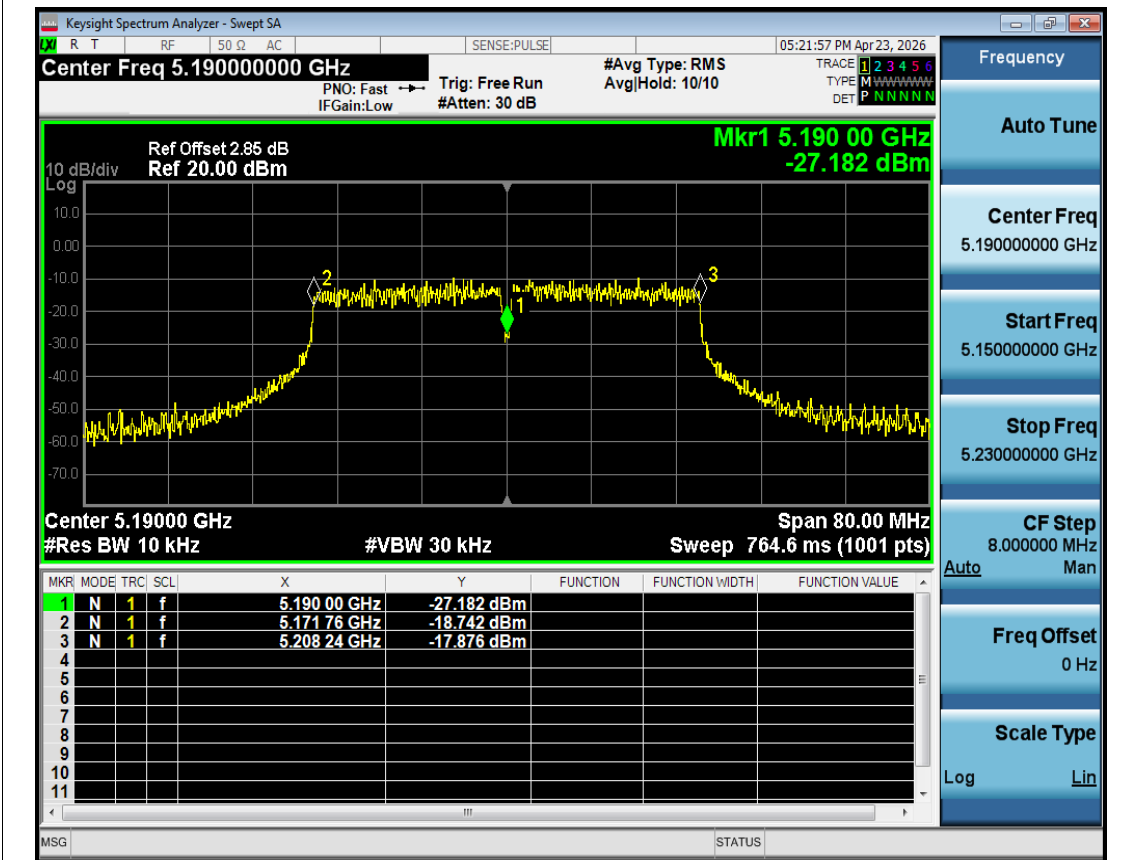
Freq. Stability NVNT ac20 5180MHz Ant1



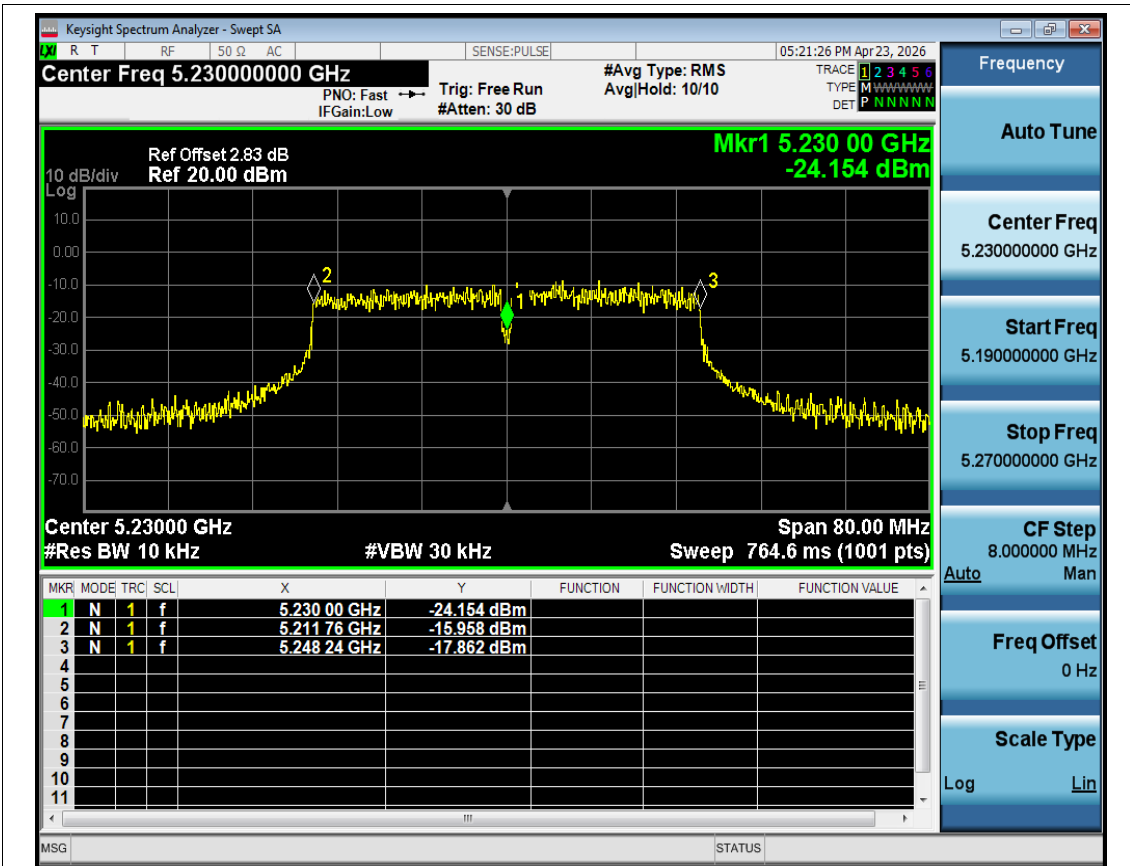
Freq. Stability NVNT ac20 5200MHz Ant1



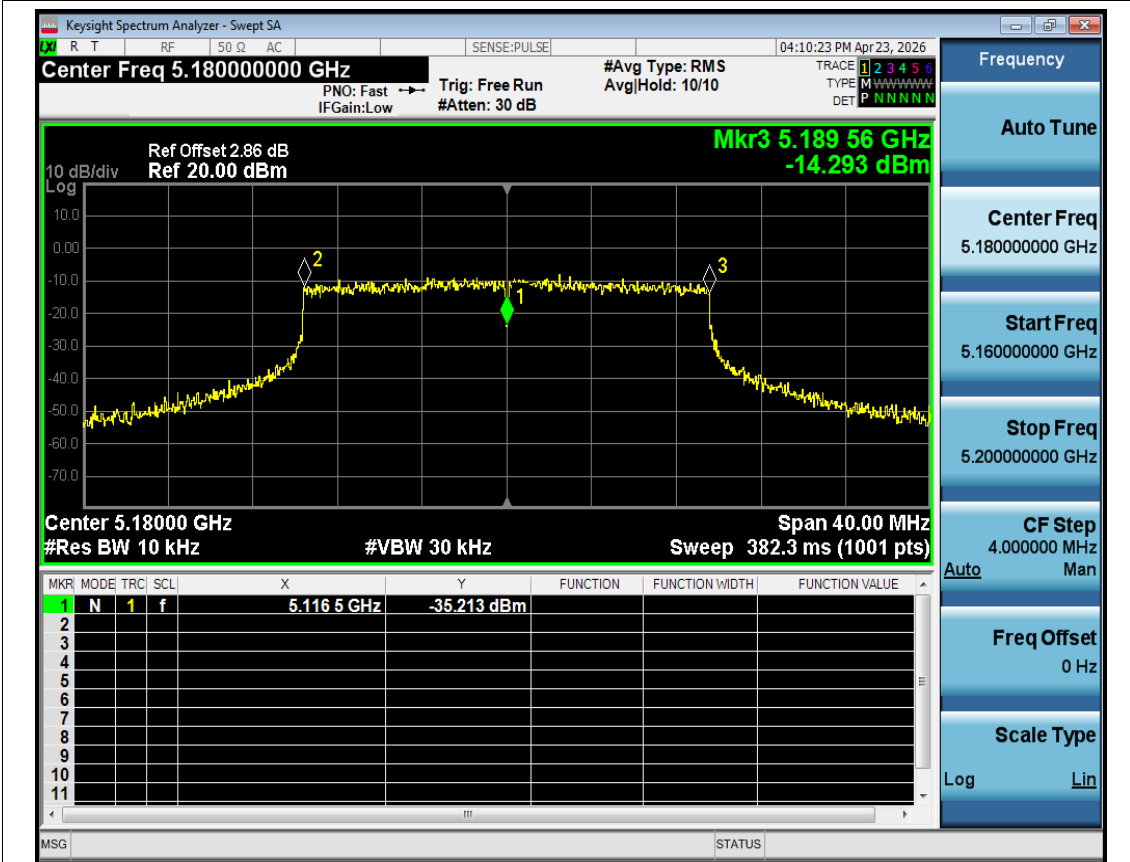
Freq. Stability NVNT ac20 5240MHz Ant1



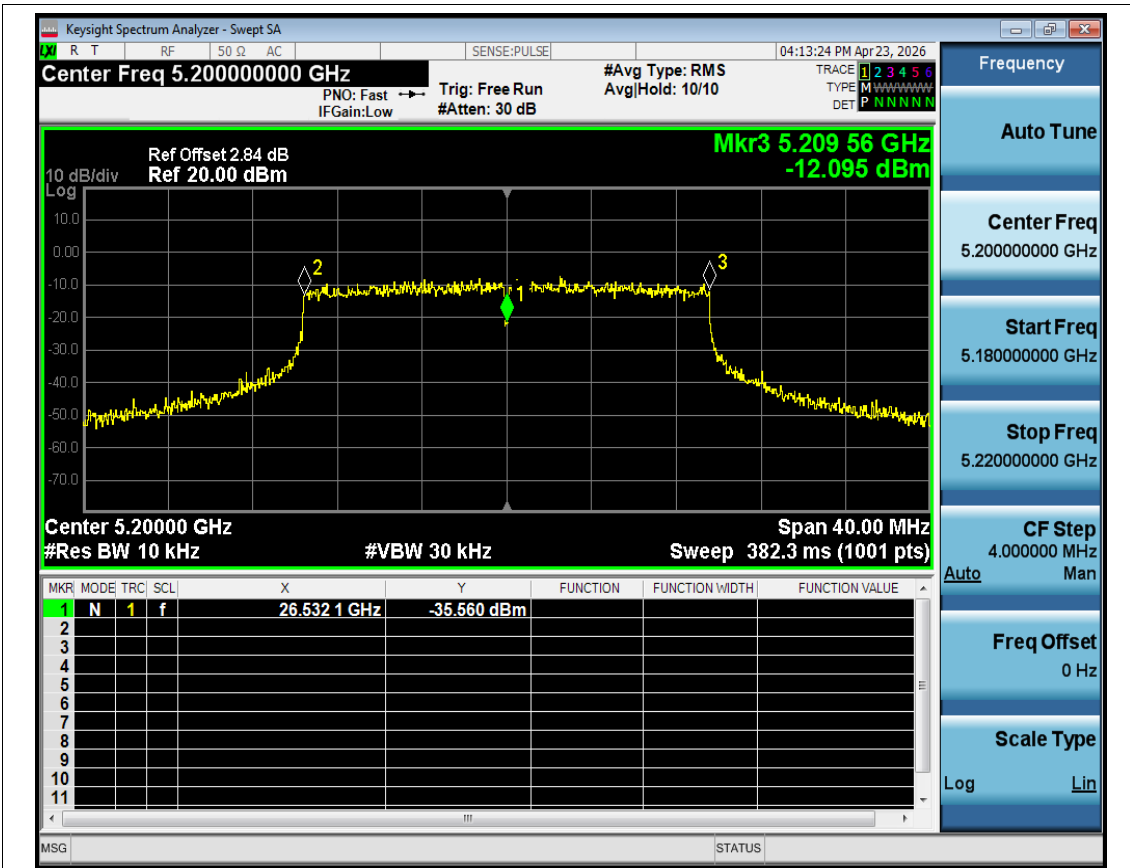
Freq. Stability NVNT ac40 5190MHz Ant1



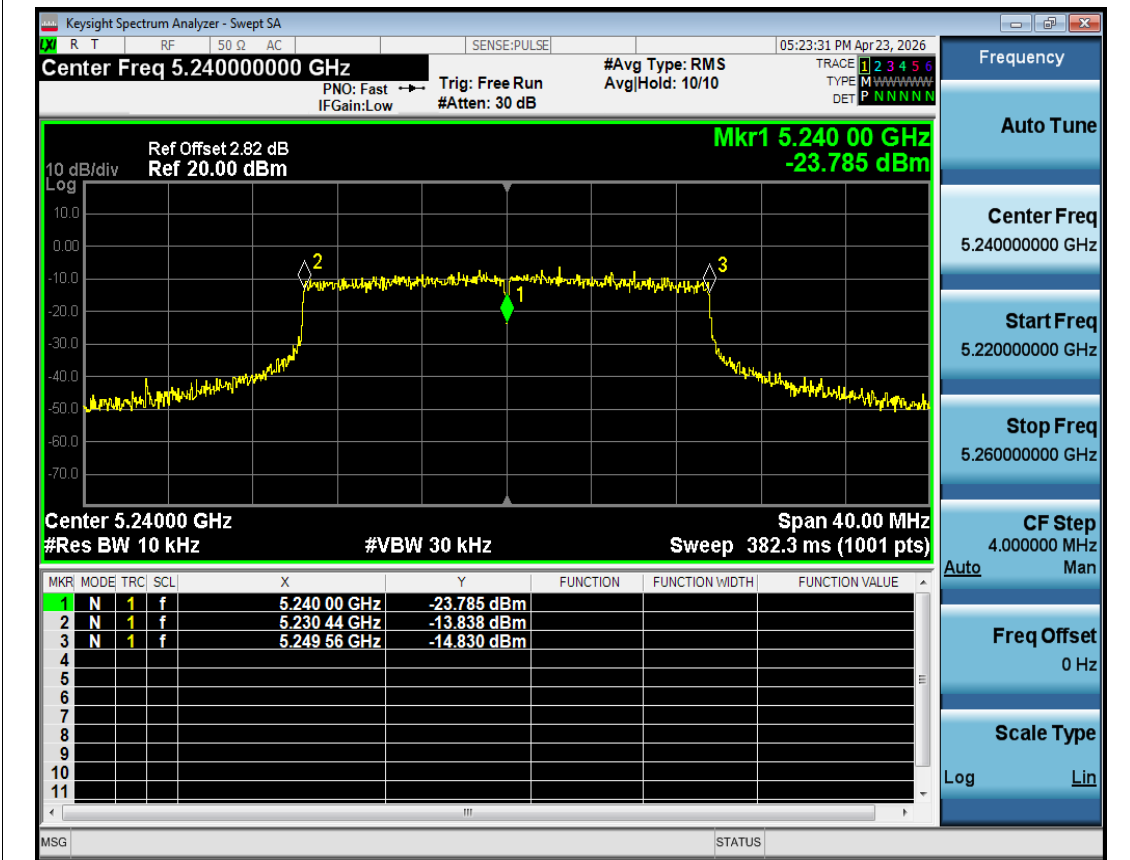
Freq. Stability NVNT ac40 5230MHz Ant1



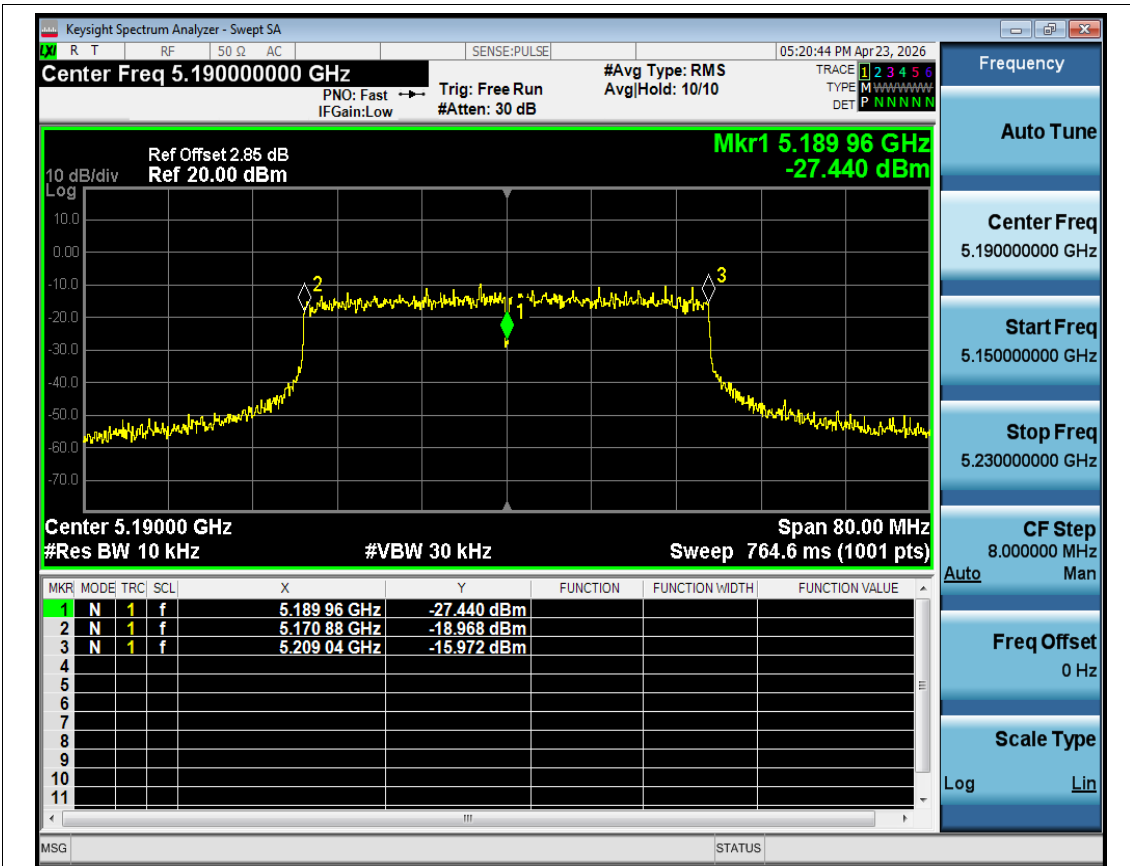
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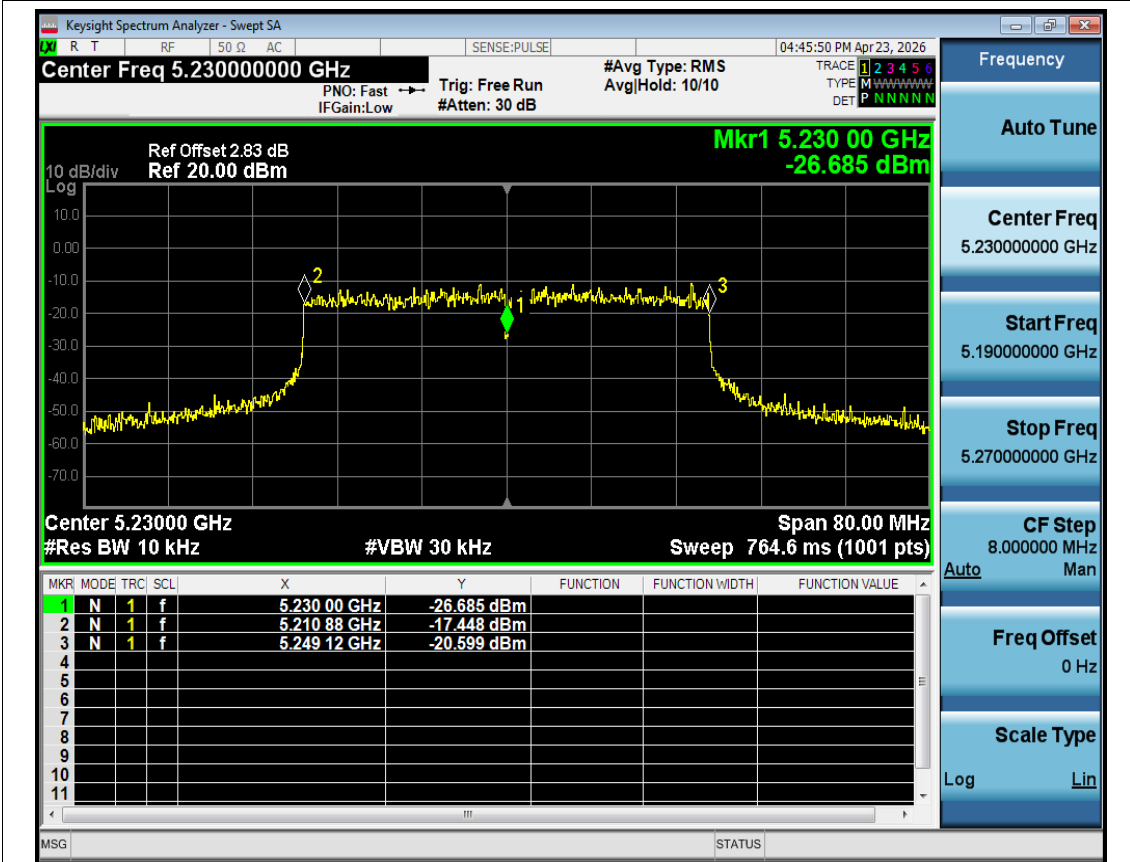
Freq. Stability NVNT ax20 5200MHz Ant1



Freq. Stability NVNT ax20 5240MHz Ant1



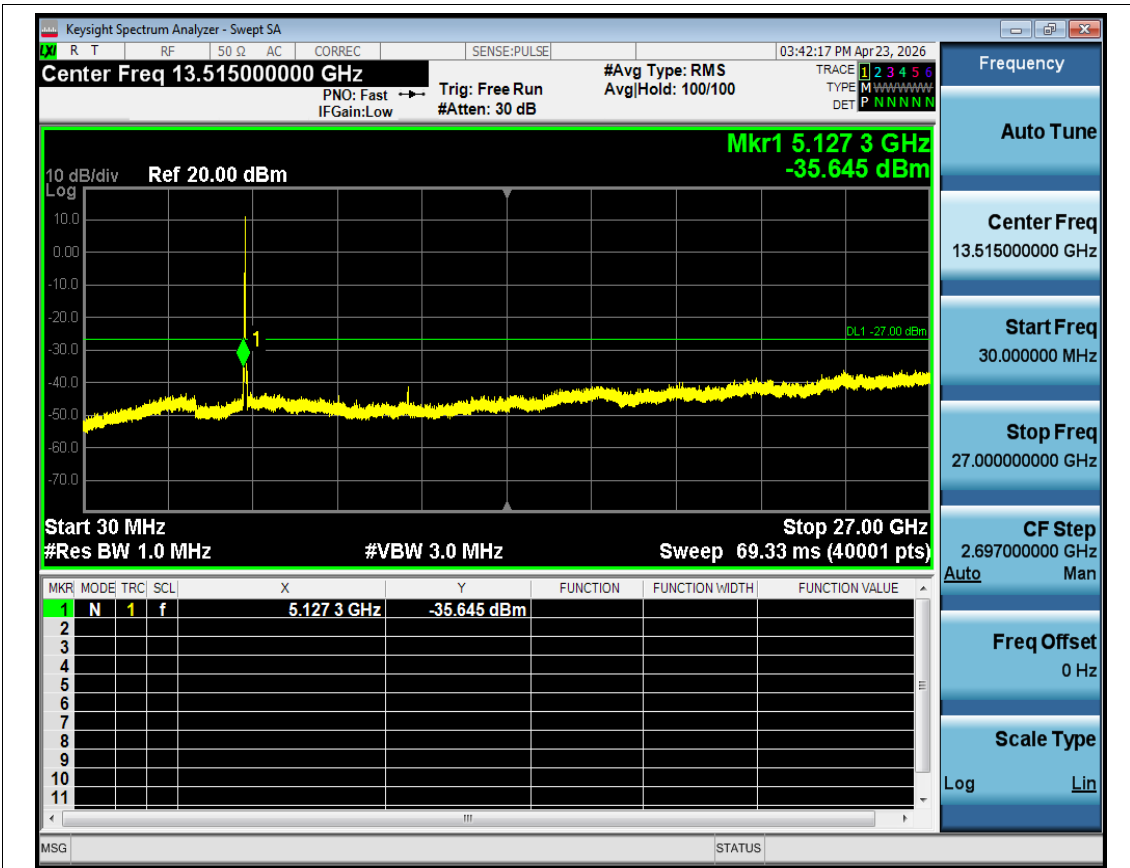
Freq. Stability NVNT ax40 5190MHz Ant1



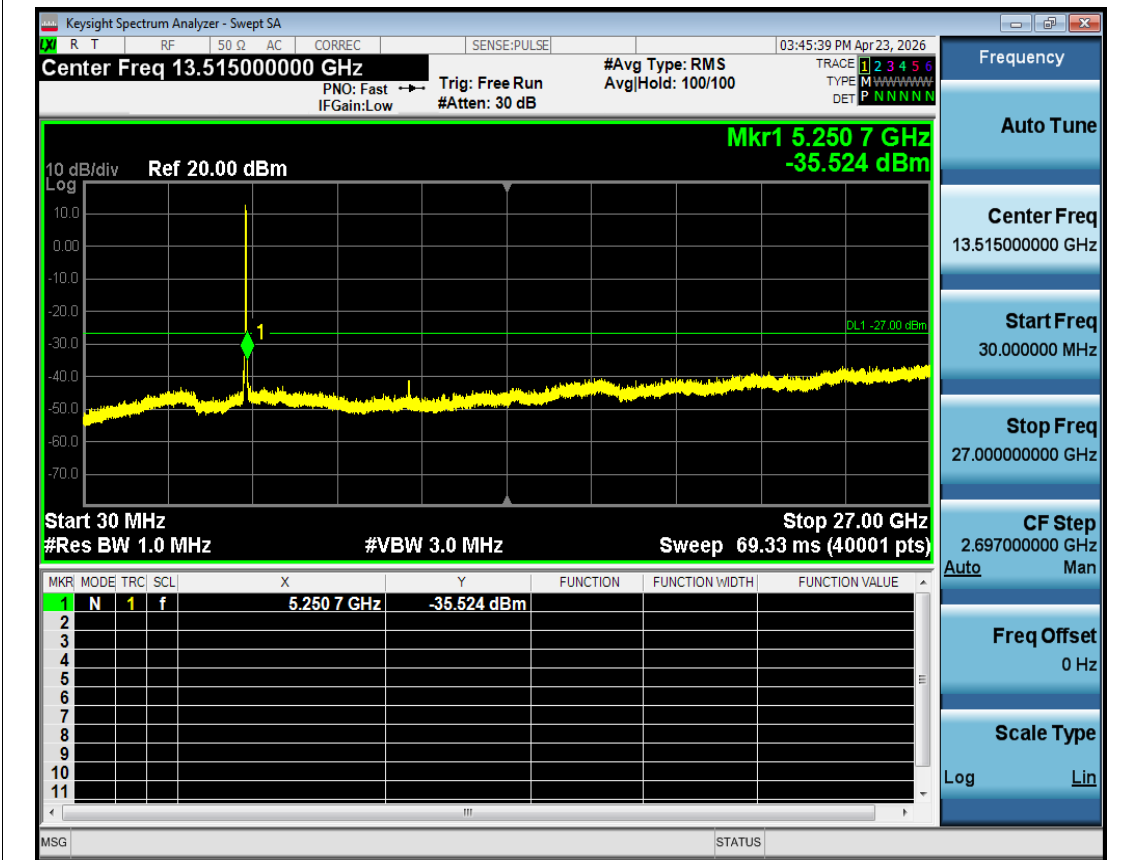
Freq. Stability NVNT ax40 5230MHz Ant1

Conducted RF Spurious Emission

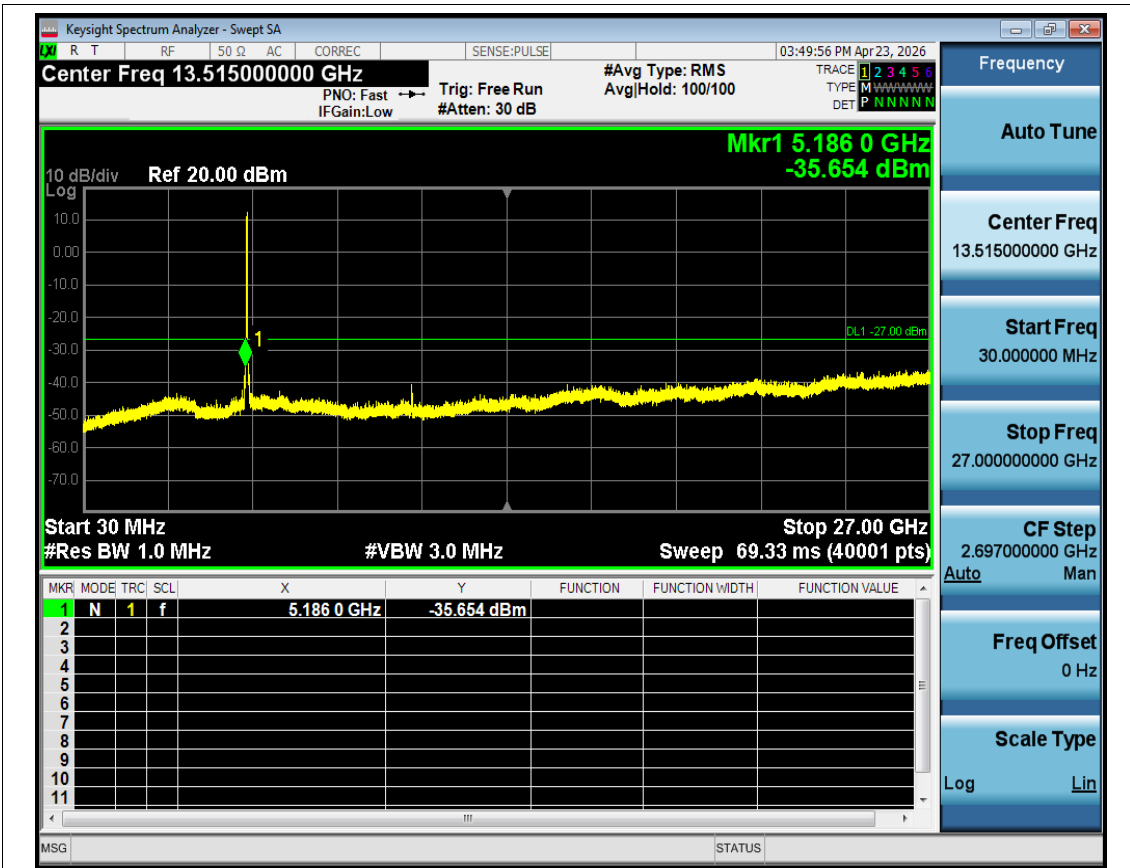
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-35.64	-27	Pass
NVNT	a	5200	Ant1	-35.52	-27	Pass
NVNT	a	5240	Ant1	-35.65	-27	Pass
NVNT	n20	5180	Ant1	-36.05	-27	Pass
NVNT	n20	5200	Ant1	-36.05	-27	Pass
NVNT	n20	5240	Ant1	-35.74	-27	Pass
NVNT	n40	5190	Ant1	-35.56	-27	Pass
NVNT	n40	5230	Ant1	-34.81	-27	Pass
NVNT	ac20	5180	Ant1	-35.21	-27	Pass
NVNT	ac20	5200	Ant1	-35.1	-27	Pass
NVNT	ac20	5240	Ant1	-33.66	-27	Pass
NVNT	ac40	5190	Ant1	-35.3	-27	Pass
NVNT	ac40	5230	Ant1	-35.7	-27	Pass
NVNT	ax20	5180	Ant1	-35.21	-27	Pass
NVNT	ax20	5200	Ant1	-35.37	-27	Pass
NVNT	ax20	5240	Ant1	-33.9	-27	Pass
NVNT	ax40	5190	Ant1	-34.92	-27	Pass
NVNT	ax40	5230	Ant1	-35.39	-27	Pass



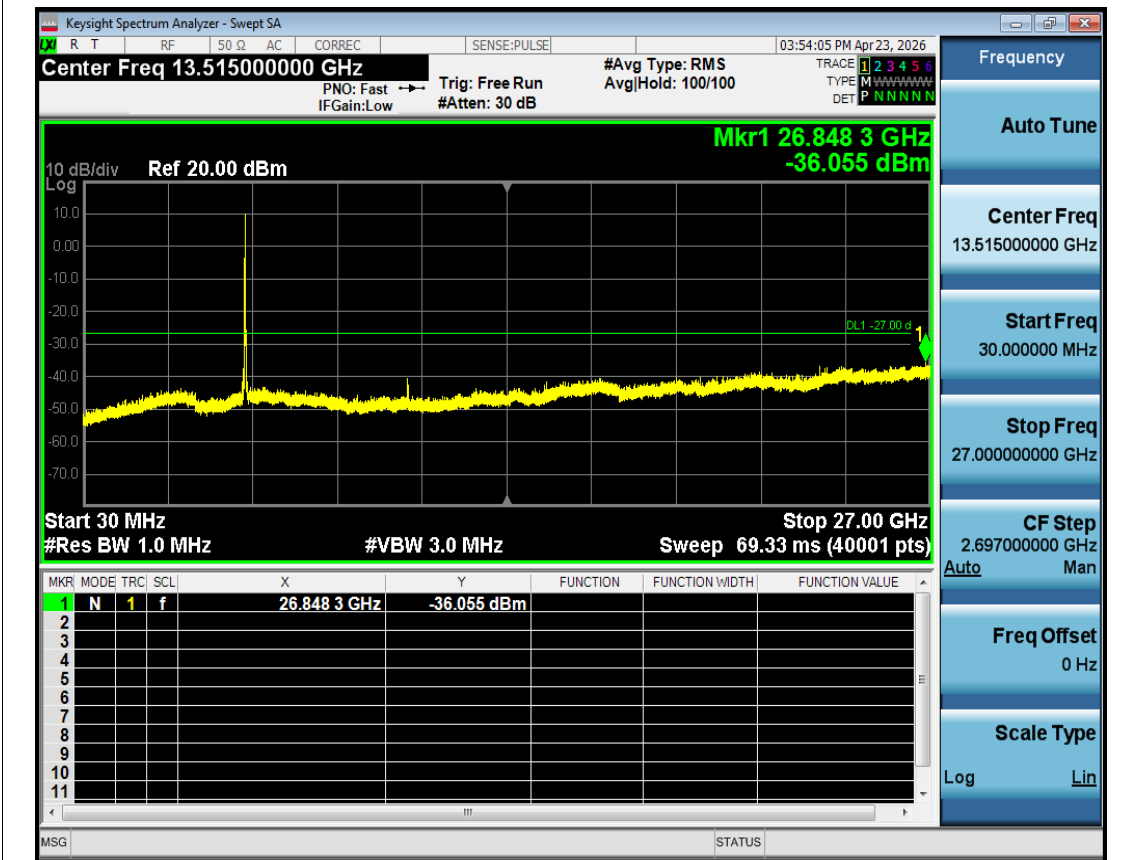
Tx. Spurious NVNT a 5180MHz Ant1 Emission



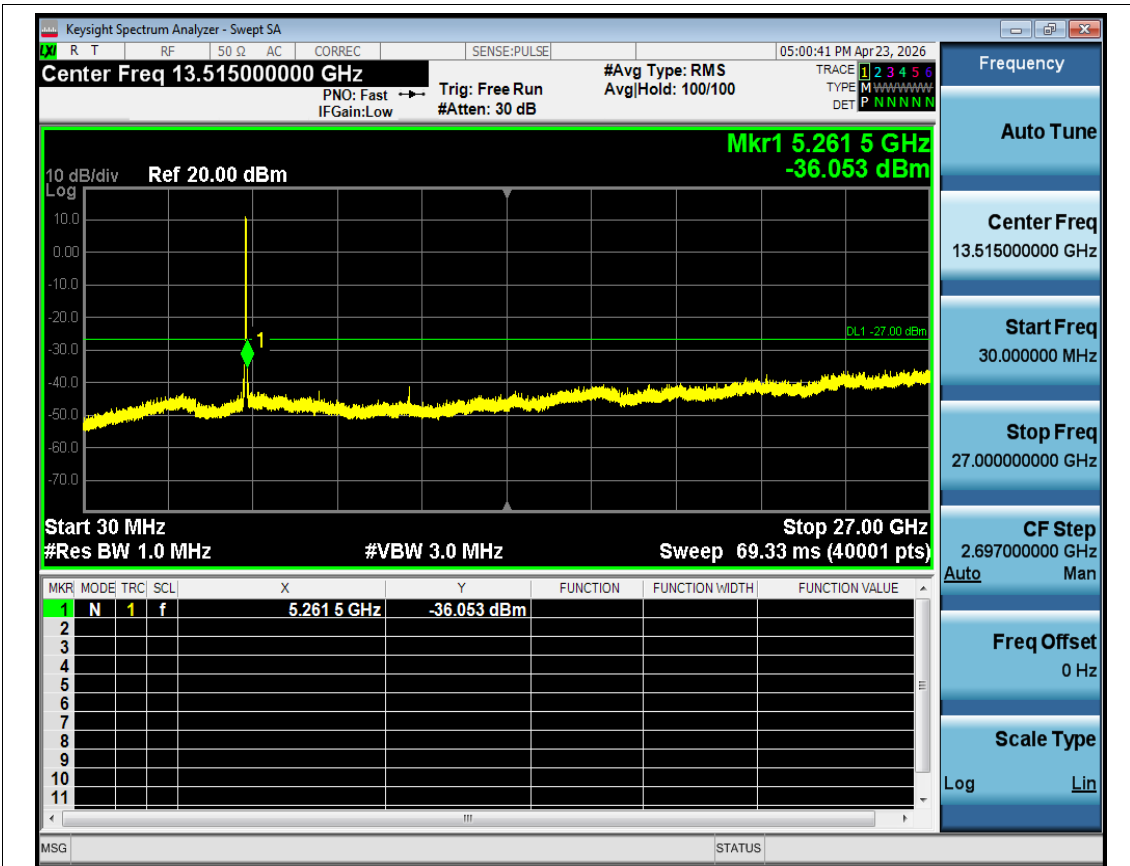
Tx. Spurious NVNT a 5200MHz Ant1 Emission



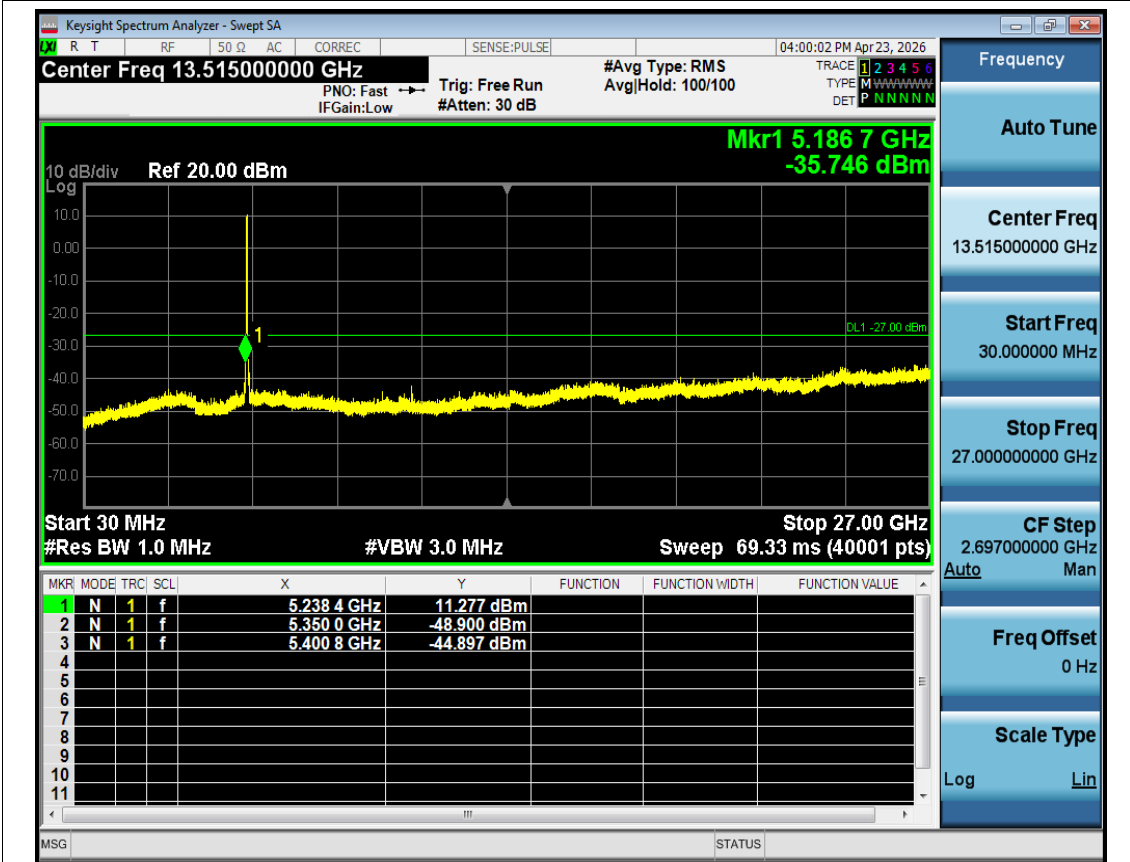
Tx. Spurious NVNT a 5240MHz Ant1 Emission



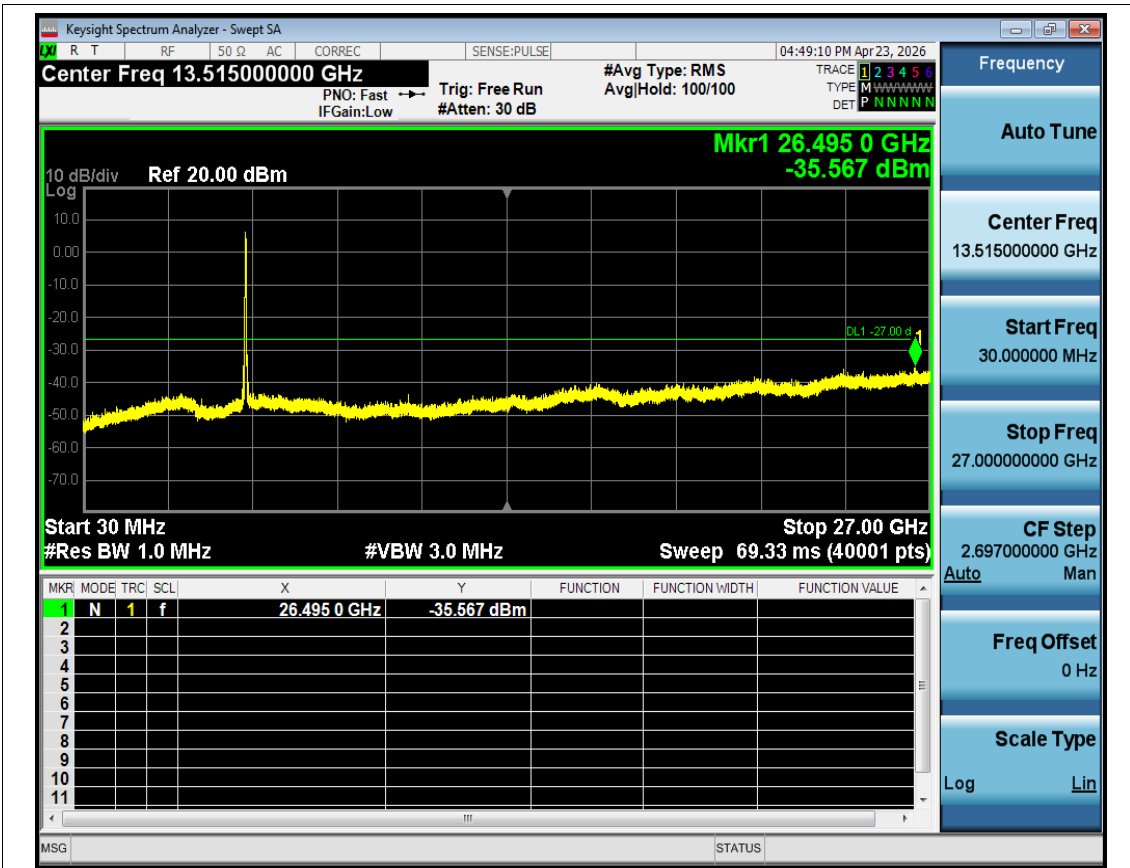
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



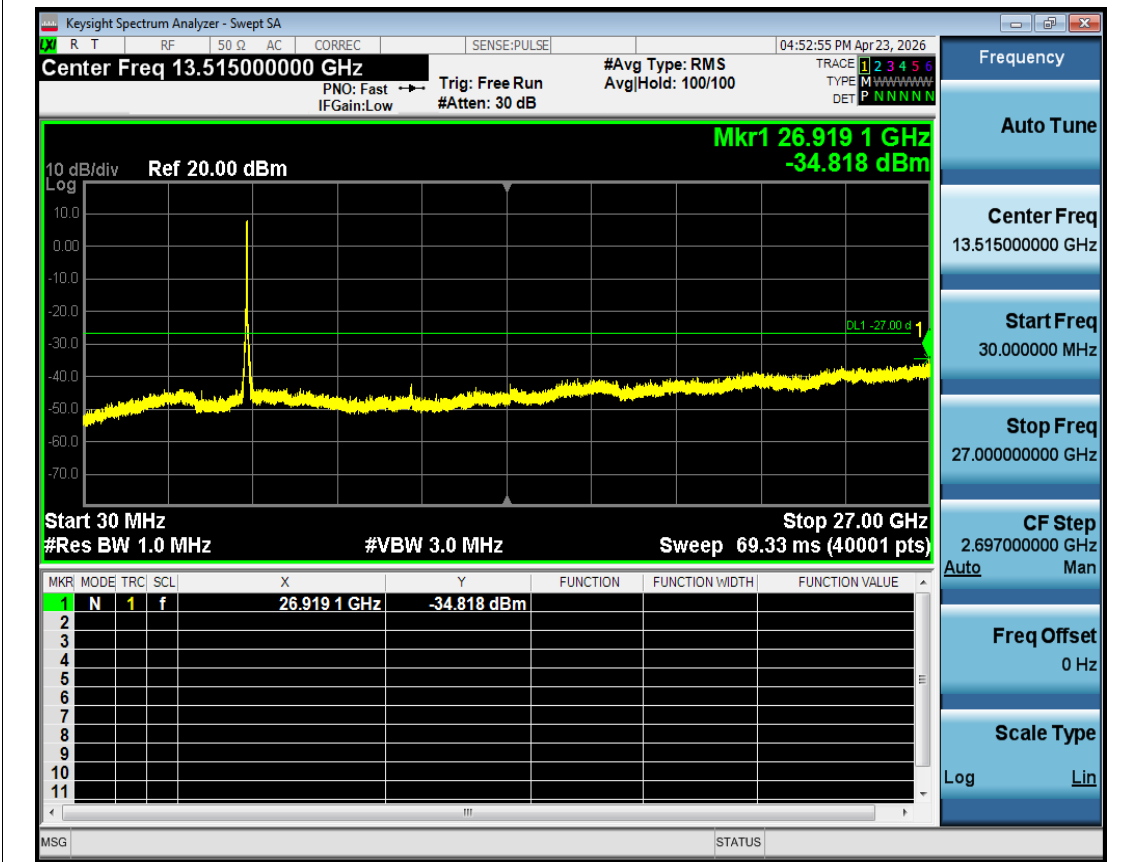
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission



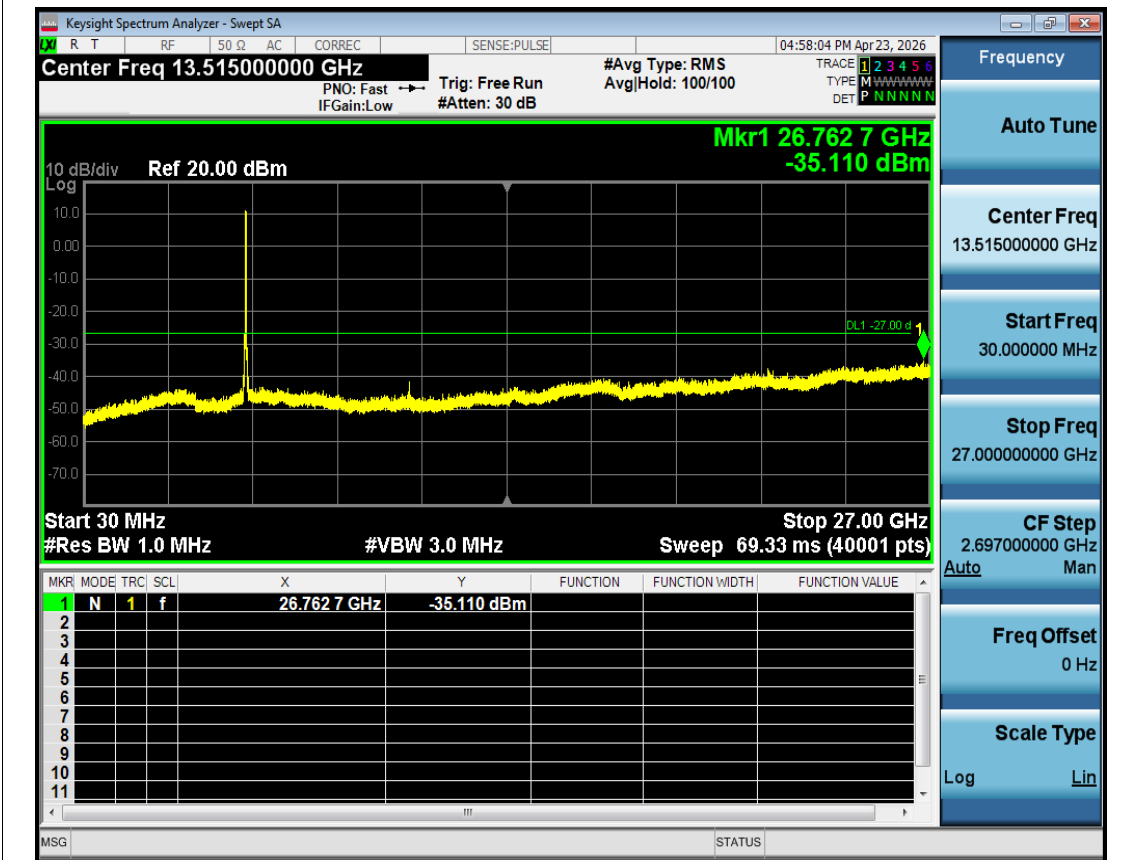
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



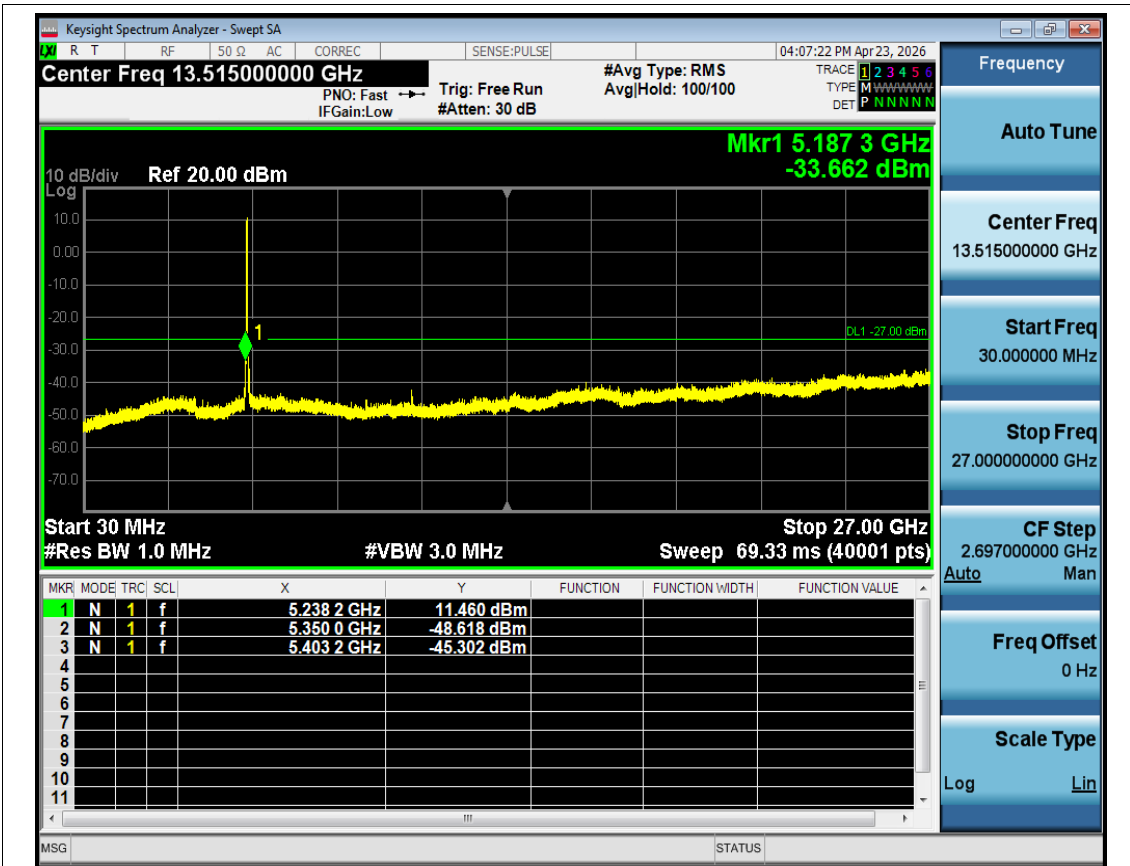
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



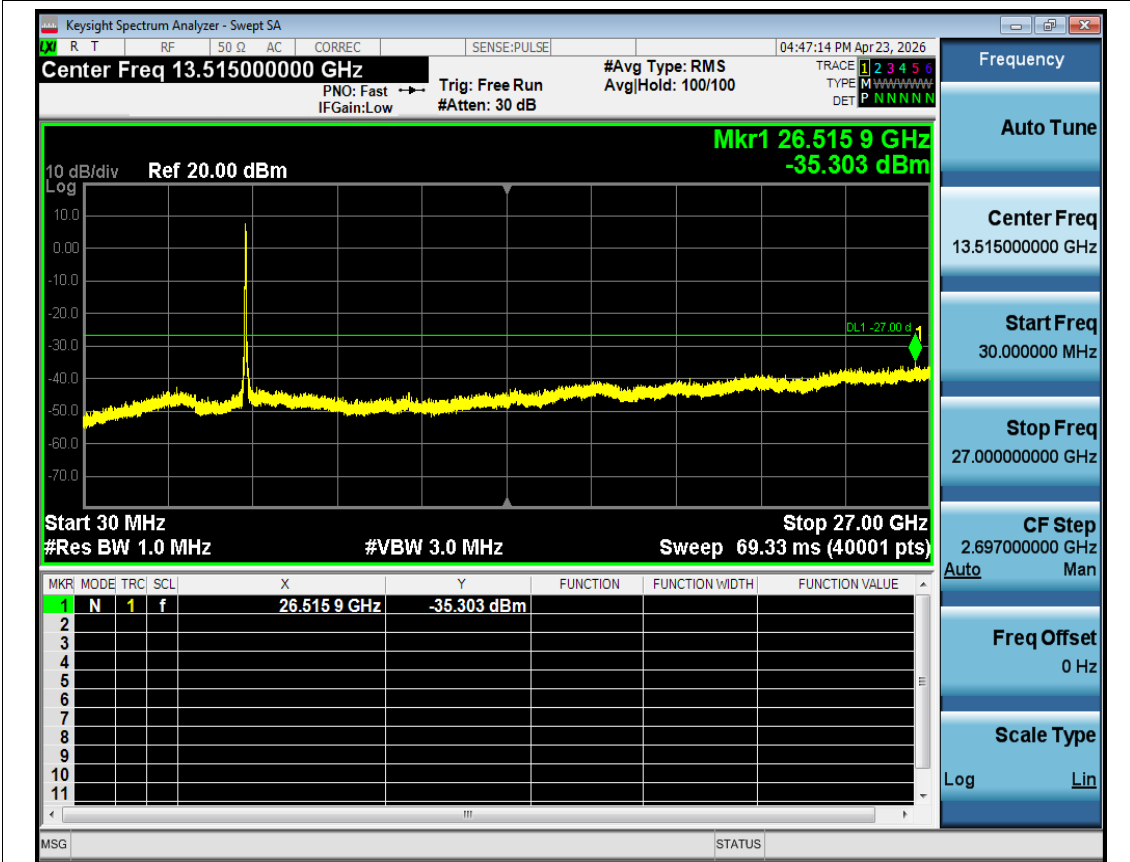
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



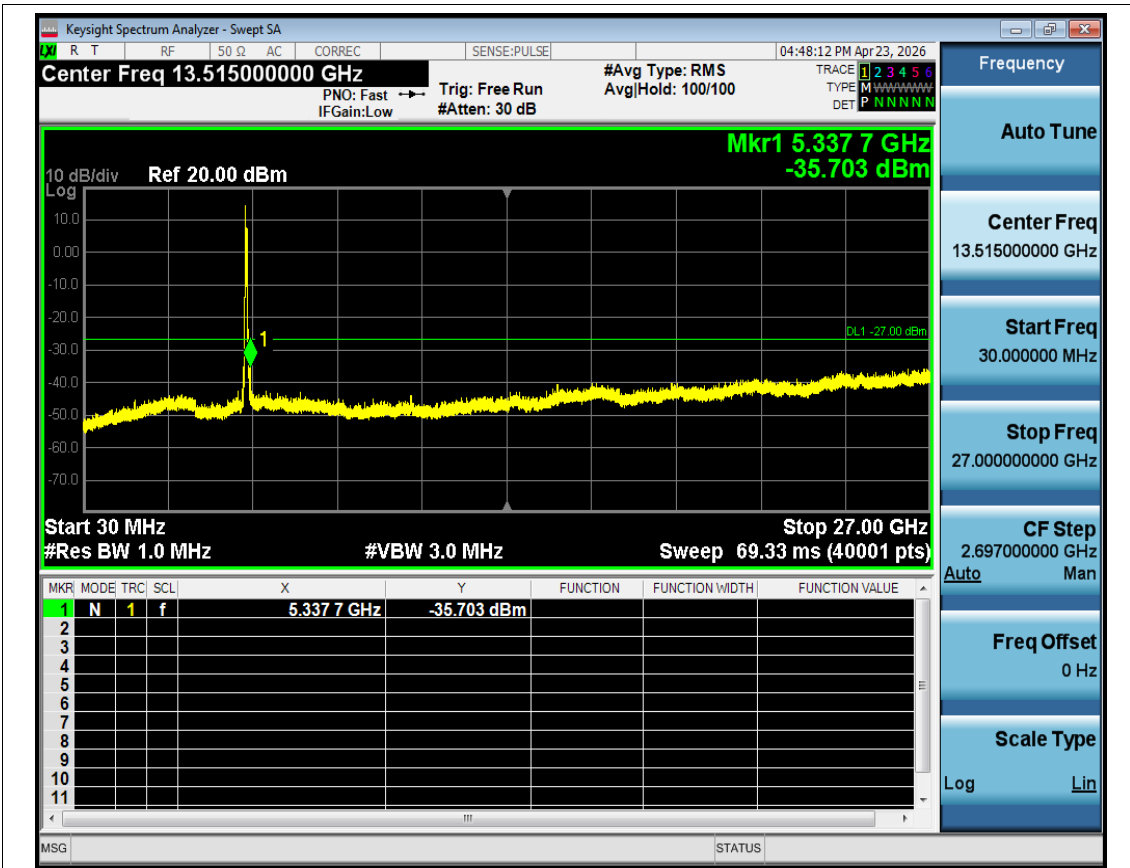
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



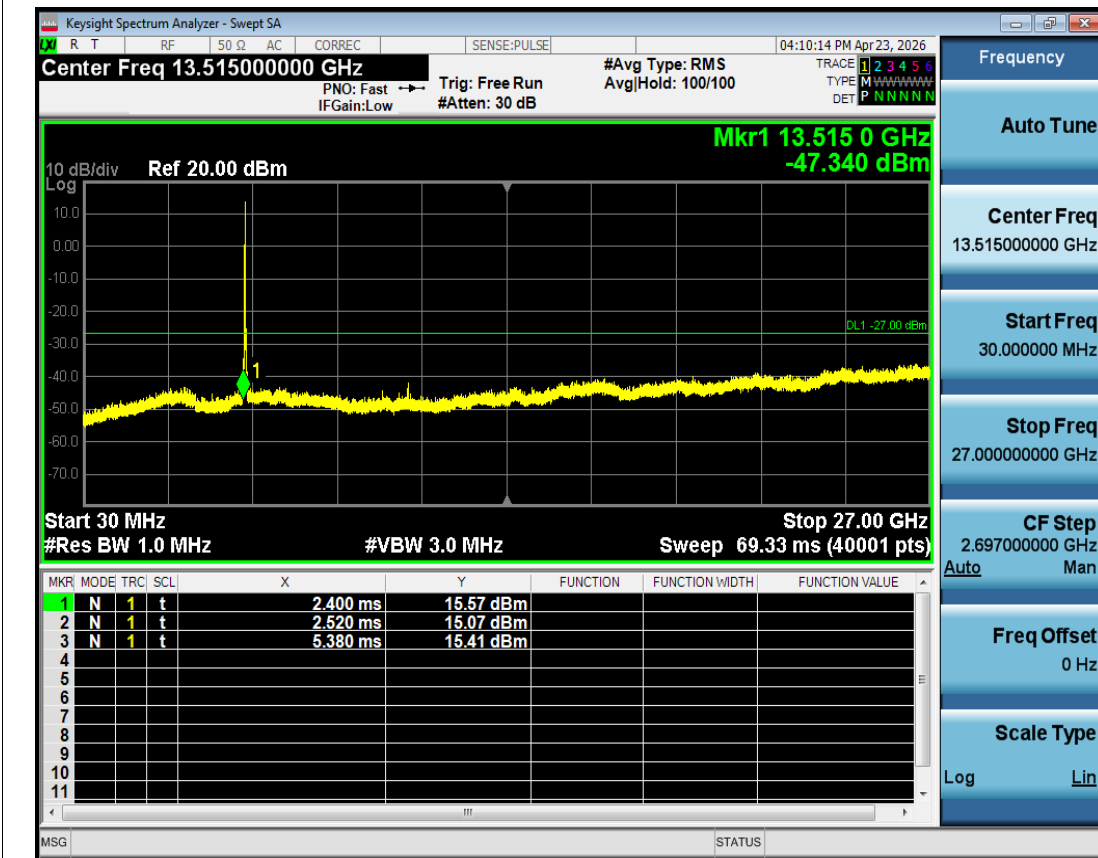
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



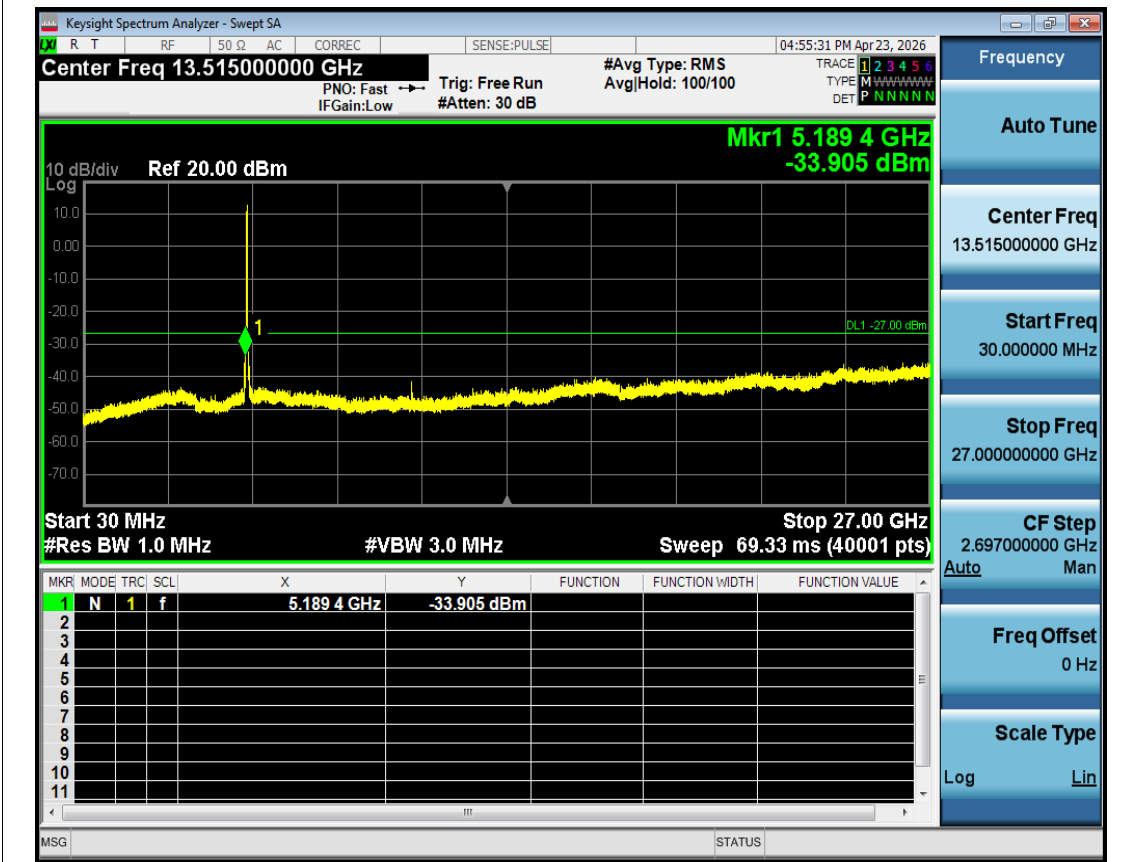
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



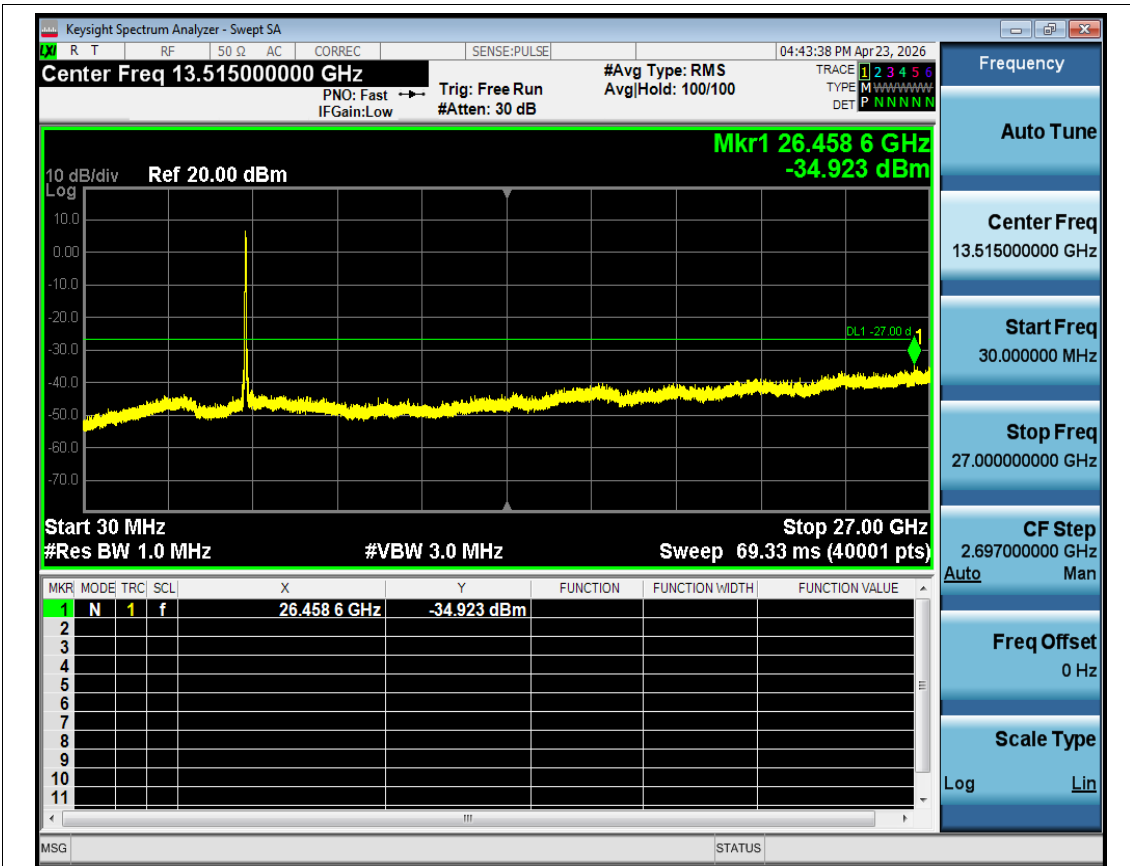
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



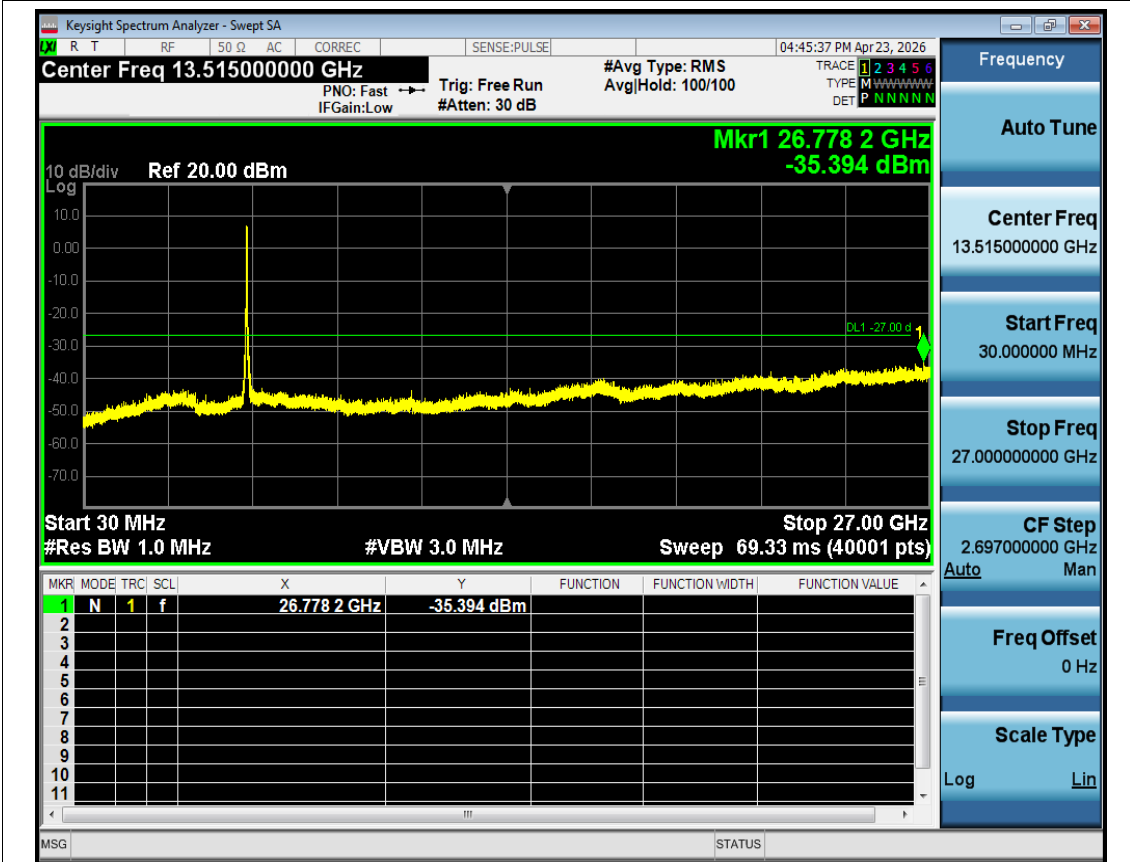
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission