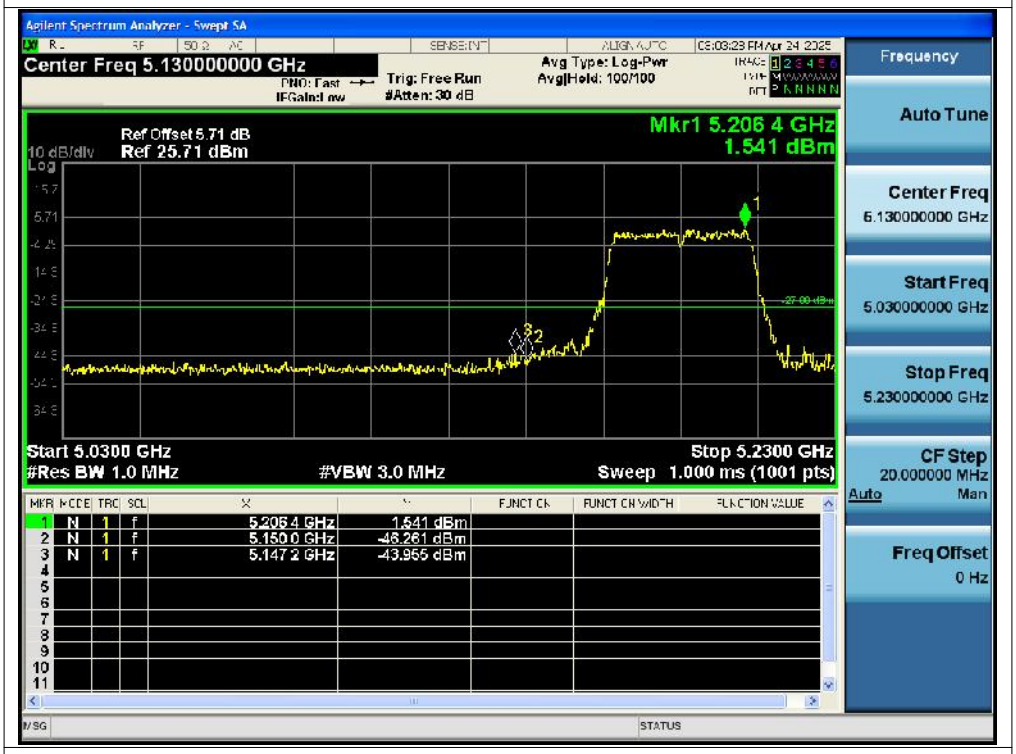
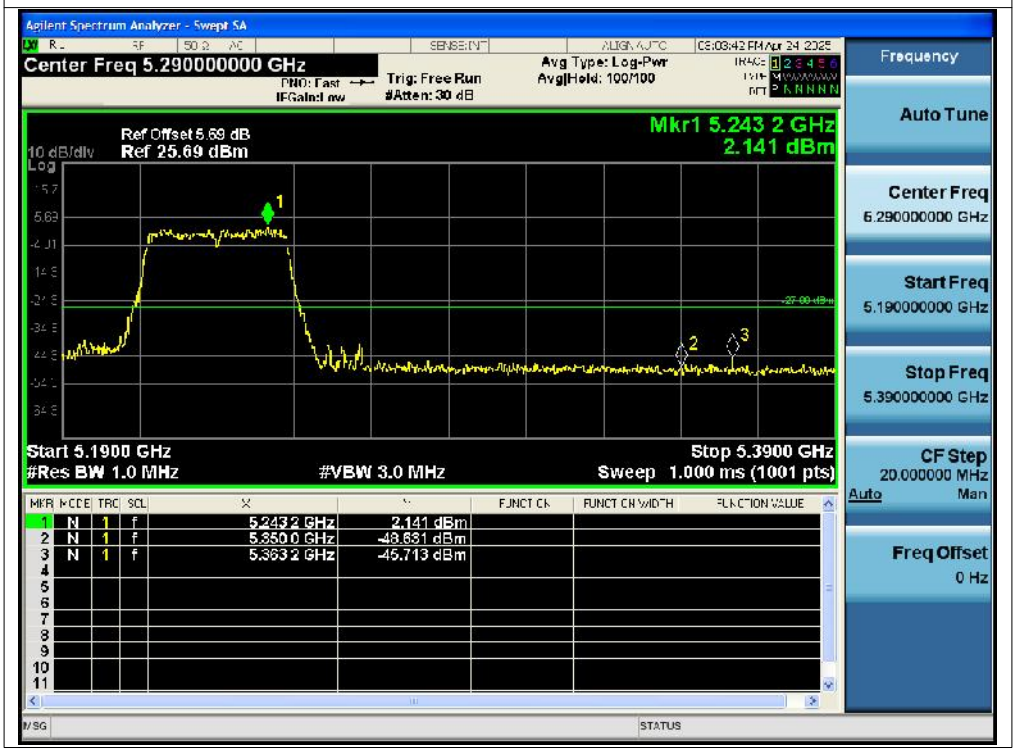
Band Edge NVNT ac20 5745MHz Low Ant1

Band Edge NVNT ac20 5825MHz High Ant1

Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1

Band Edge NVNT ac40 5795MHz High Ant1

Frequency Stability

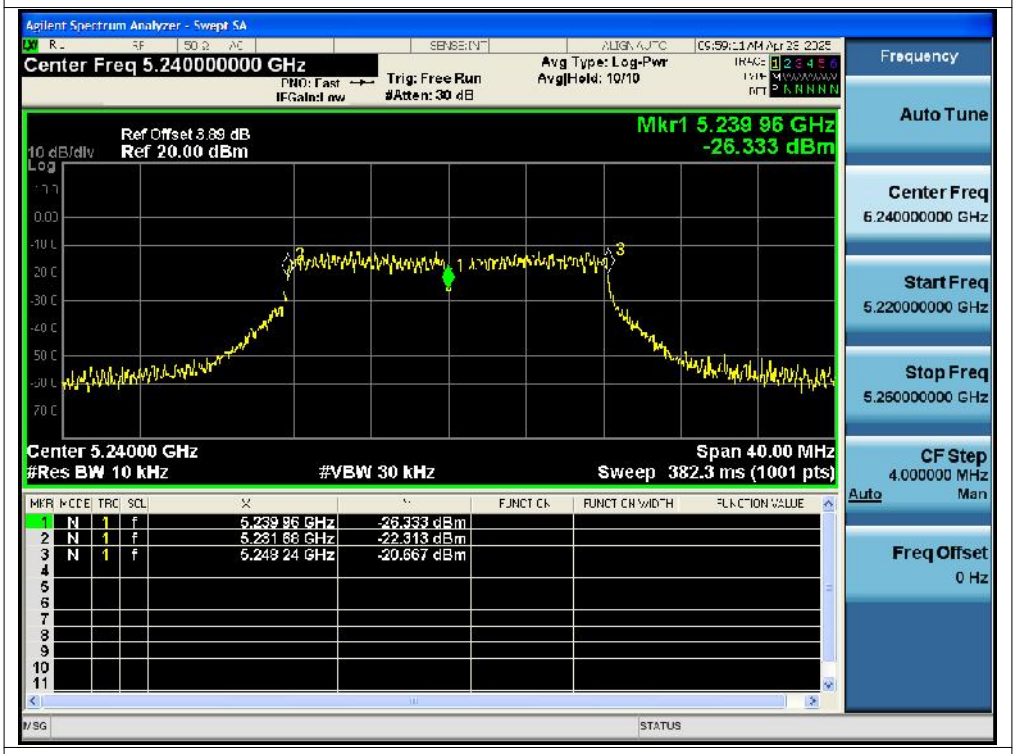
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	a	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	a	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n20	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	n20	0	5200	Ant1	5200	0	0	25	Pass
NVNT	n20	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	n20	0	5825	Ant1	5825	0	0	25	Pass
NVNT	n40	0	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	n40	0	5755	Ant1	5755	0	0	25	Pass
NVNT	n40	0	5795	Ant1	5795	0	0	25	Pass
NVNT	ac20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NVNT	ac20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	ac20	0	5240	Ant1	5240	0	0	25	Pass
NVNT	ac20	0	5745	Ant1	5745	0	0	25	Pass
NVNT	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	0	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	0	5230	Ant1	5230	0	0	25	Pass
NVNT	ac40	0	5755	Ant1	5755	0	0	25	Pass
NVNT	ac40	0	5795	Ant1	5795	0	0	25	Pass
NVNT	ac80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
NVNT	ac80	0	5775	Ant1	5775	0	0	25	Pass

Test Graphs

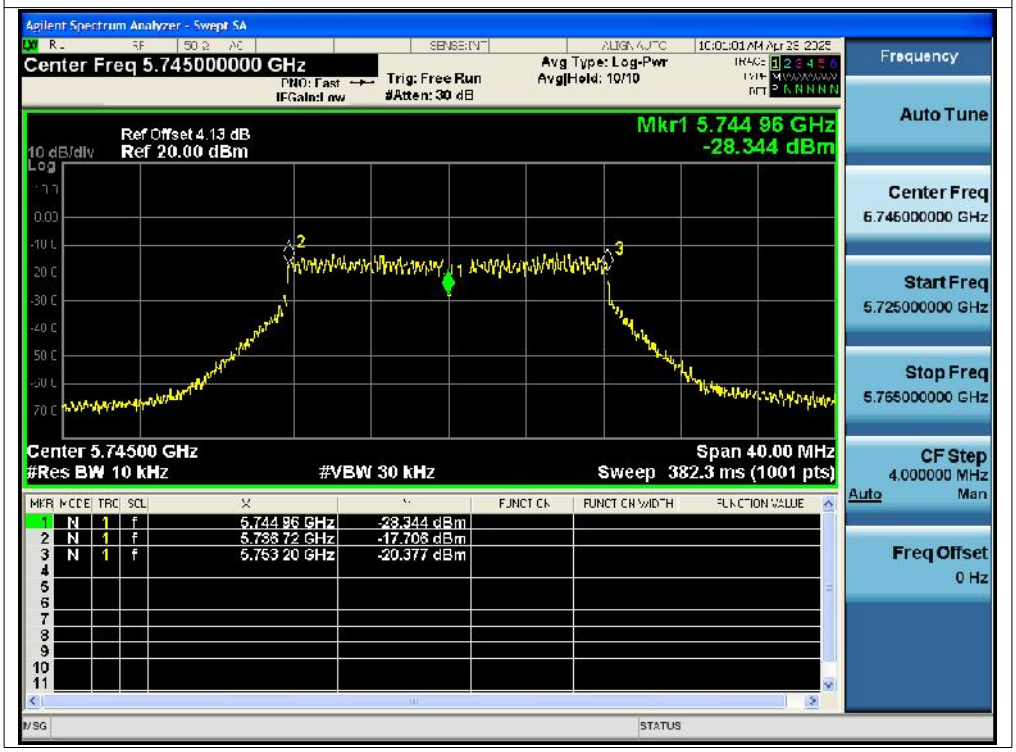
Freq. Stability NVNT a 5180MHz Ant1 0 Minutes

Freq. Stability NVNT a 5200MHz Ant1 0 Minutes

Freq. Stability NVNT a 5240MHz Ant1 0 Minutes



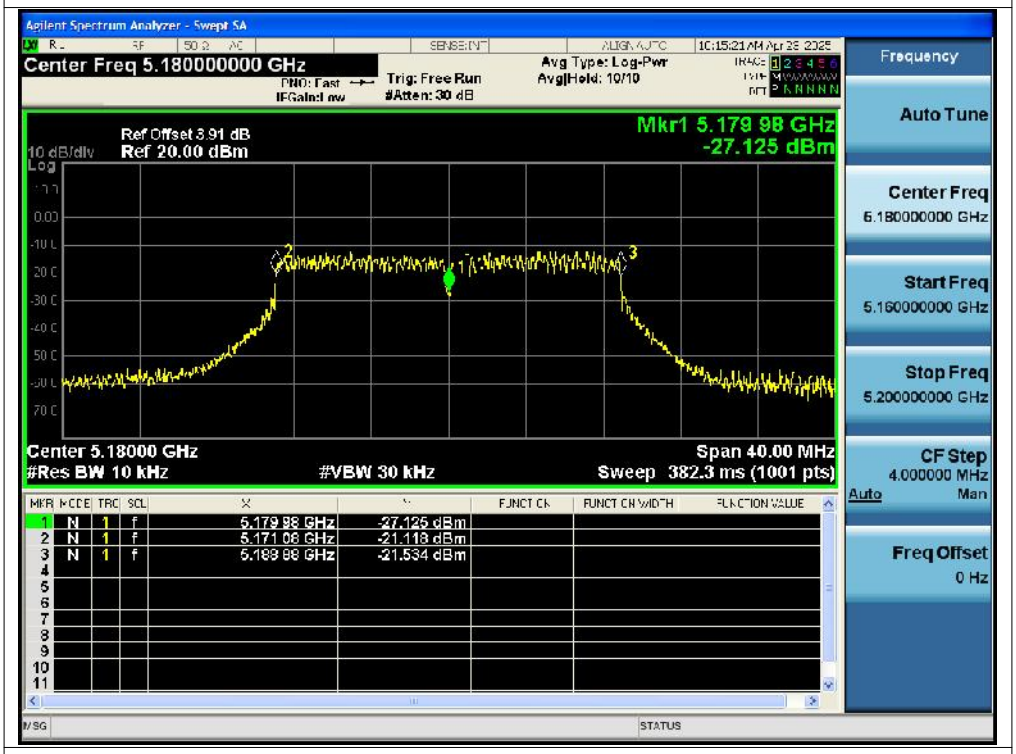
Freq. Stability NVNT a 5745MHz Ant1 0 Minutes



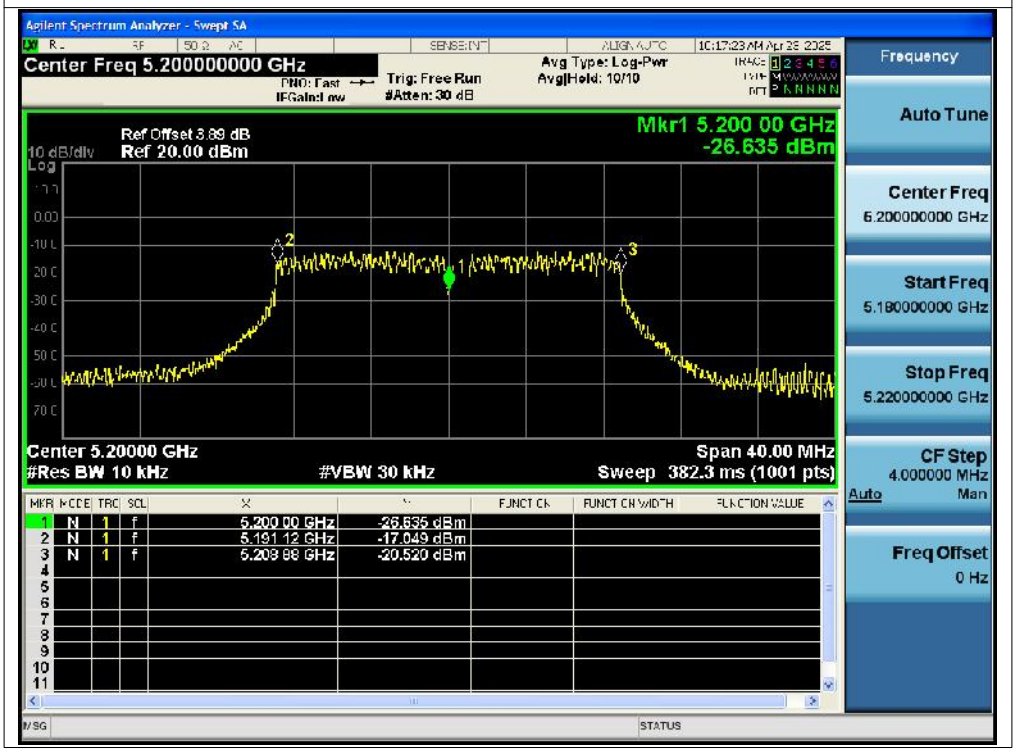
Freq. Stability NVNT a 5785MHz Ant1 0 Minutes

Freq. Stability NVNT a 5825MHz Ant1 0 Minutes

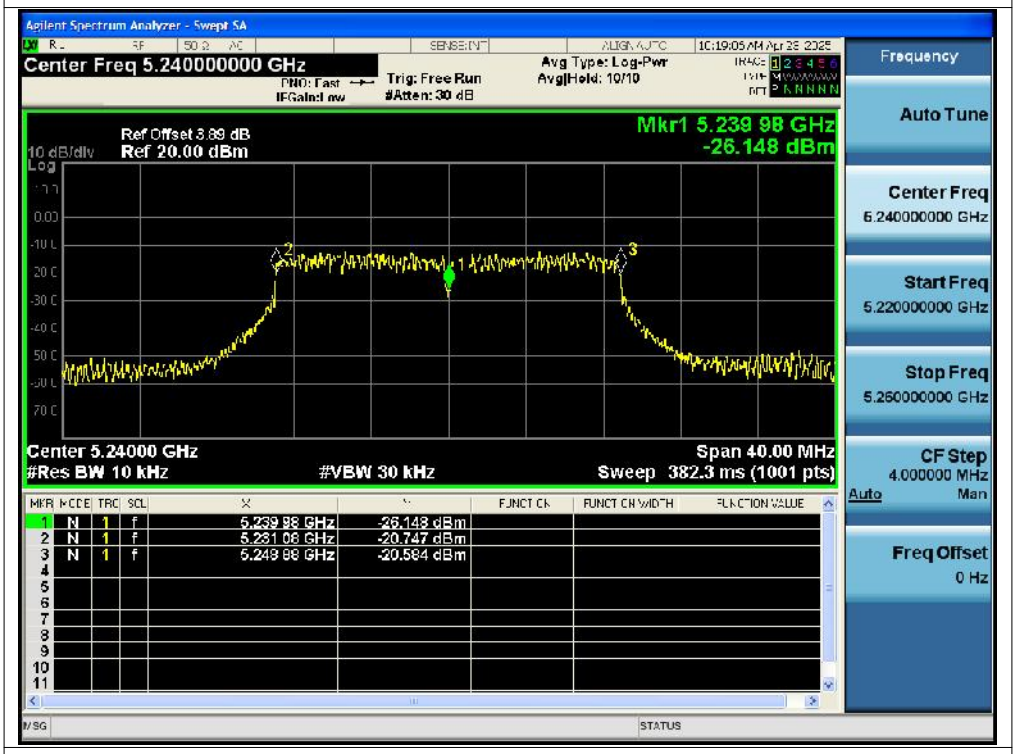
Freq. Stability NVNT n20 5180MHz Ant1 0 Minutes



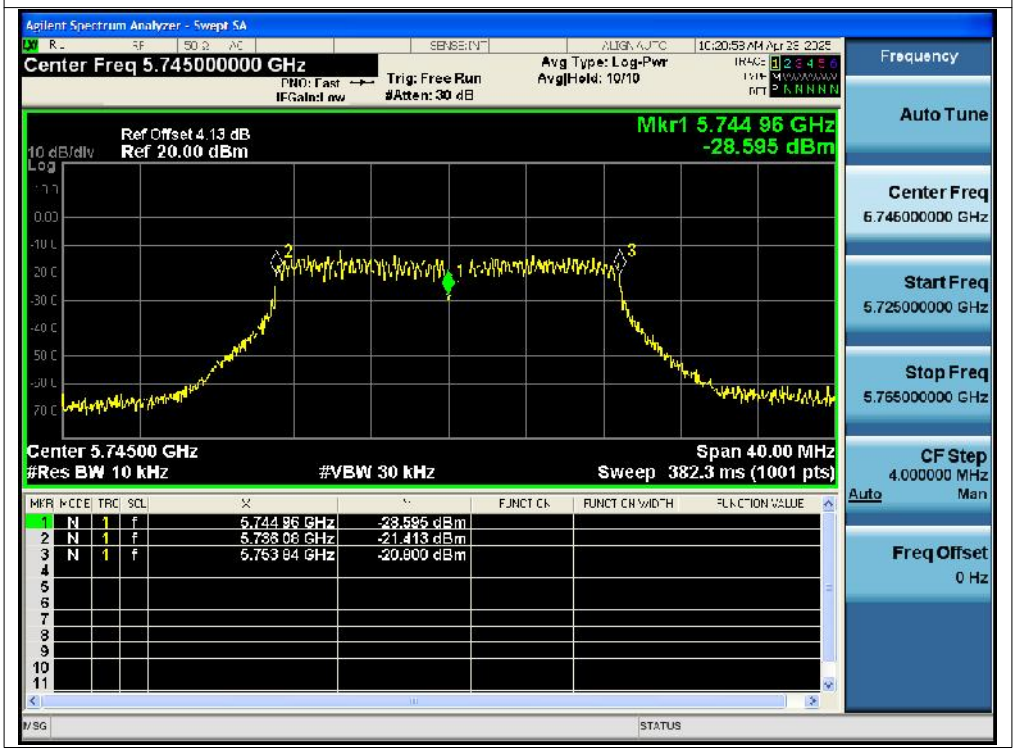
Freq. Stability NVNT n20 5200MHz Ant1 0 Minutes



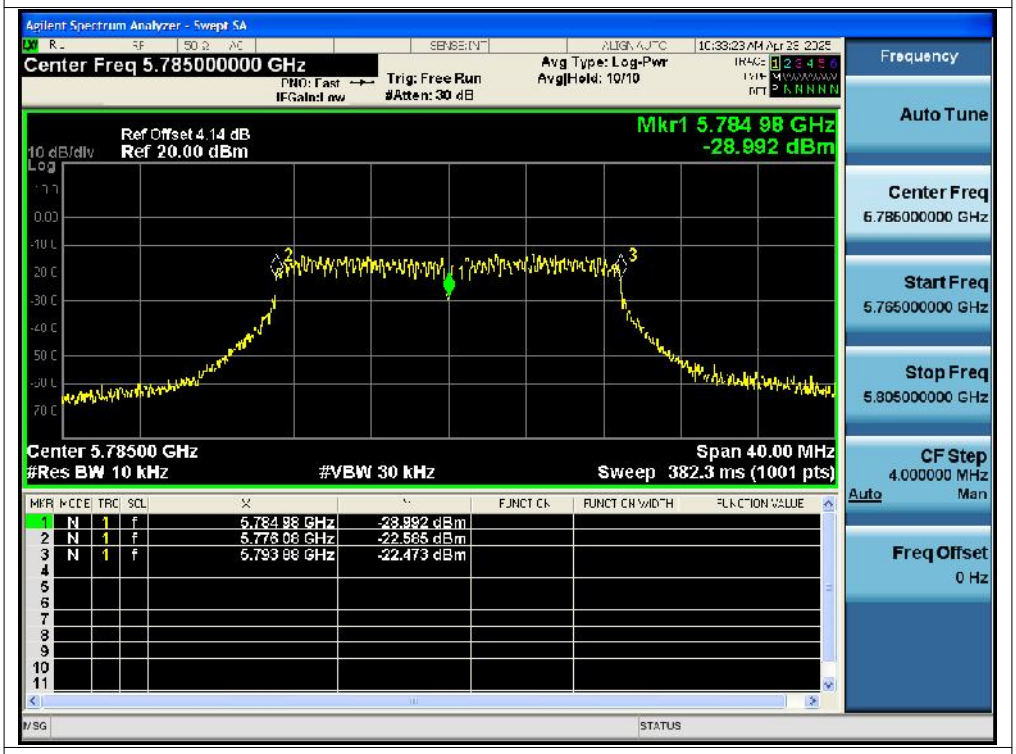
Freq. Stability NVNT n20 5240MHz Ant1 0 Minutes



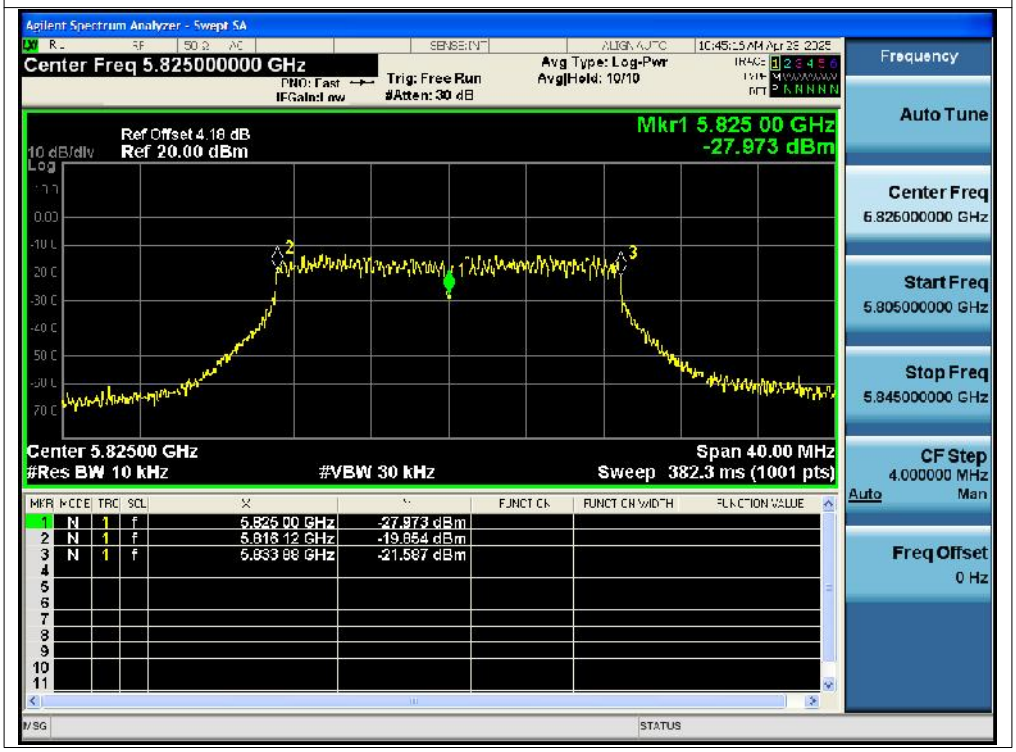
Freq. Stability NVNT n20 5745MHz Ant1 0 Minutes



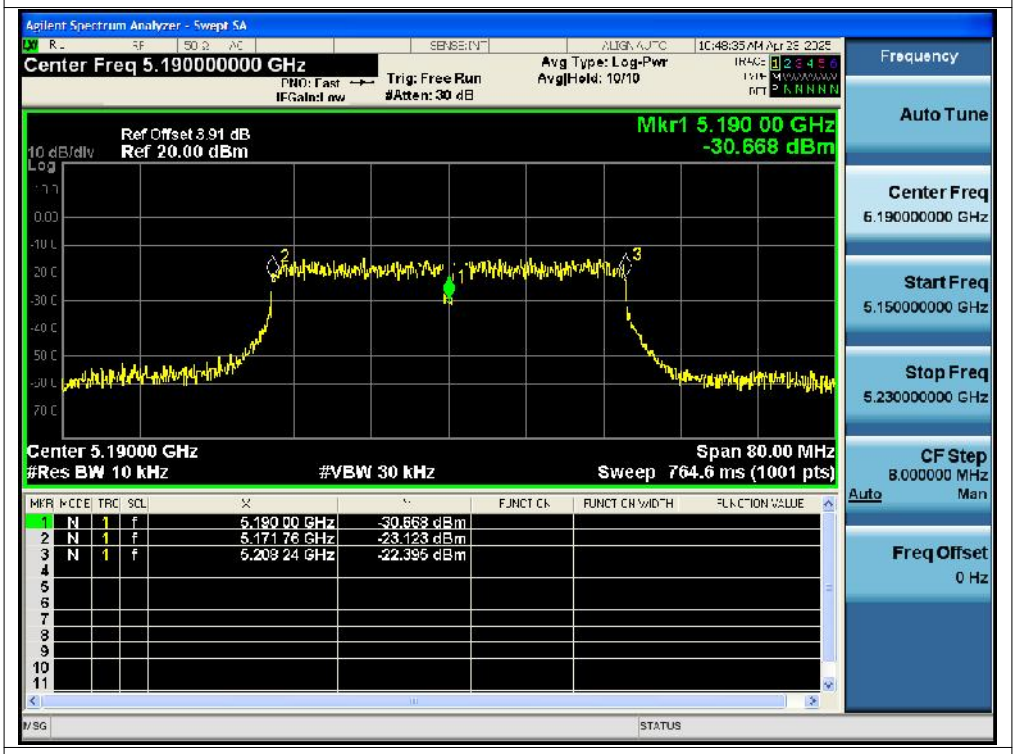
Freq. Stability NVNT n20 5785MHz Ant1 0 Minutes



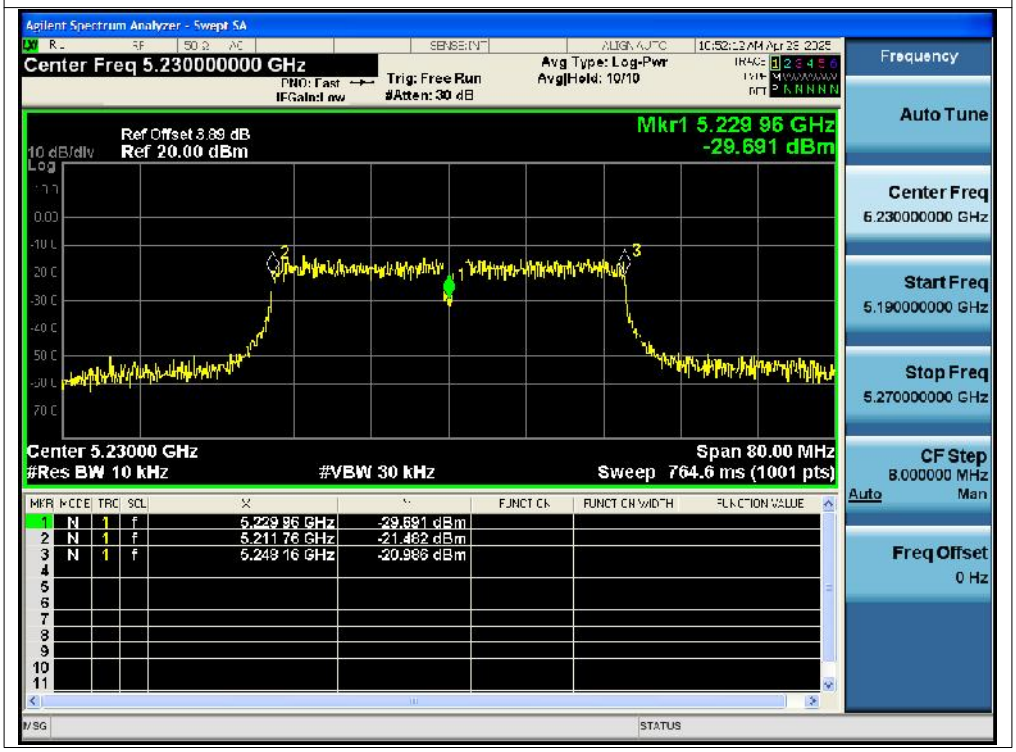
Freq. Stability NVNT n20 5825MHz Ant1 0 Minutes



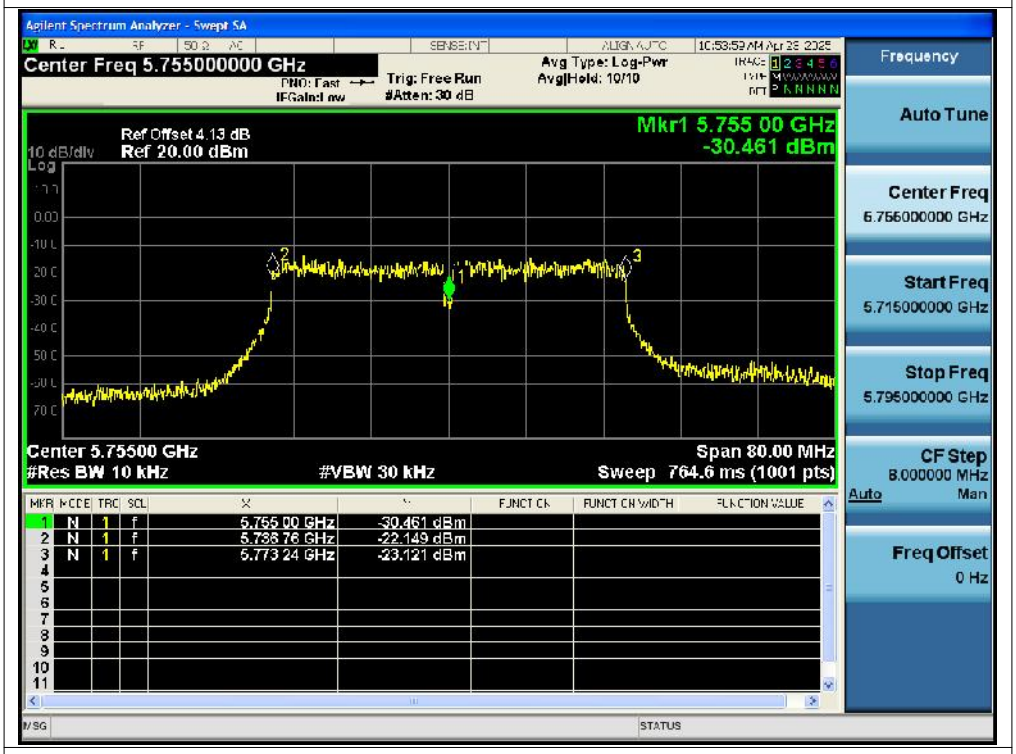
Freq. Stability NVNT n40 5190MHz Ant1 0 Minutes



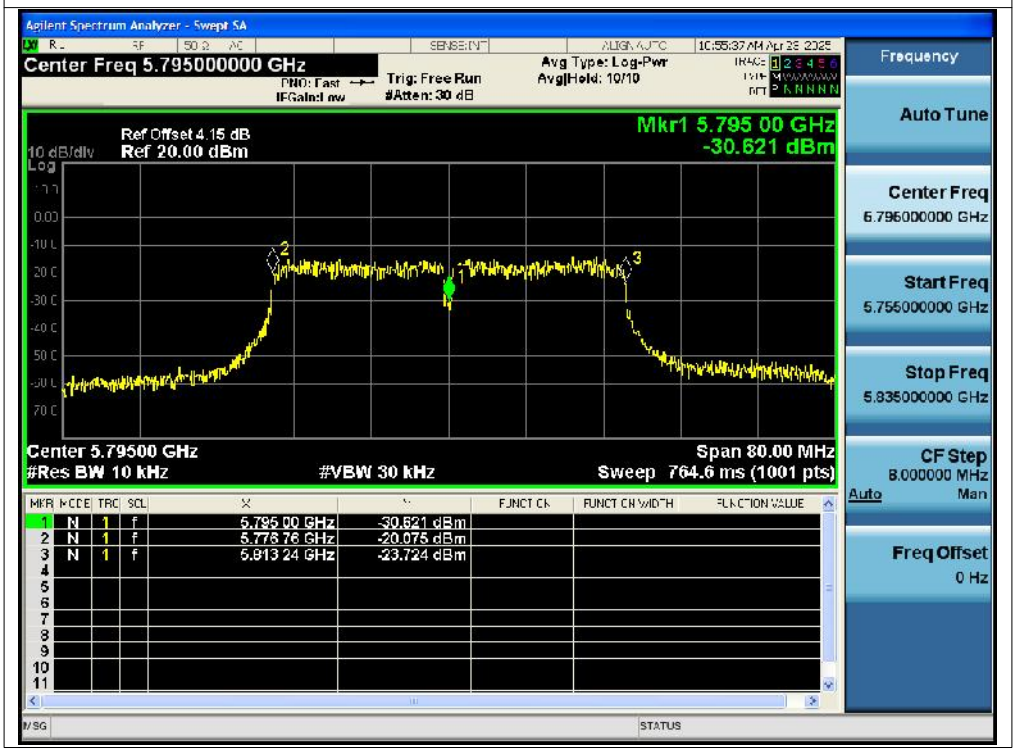
Freq. Stability NVNT n40 5230MHz Ant1 0 Minutes



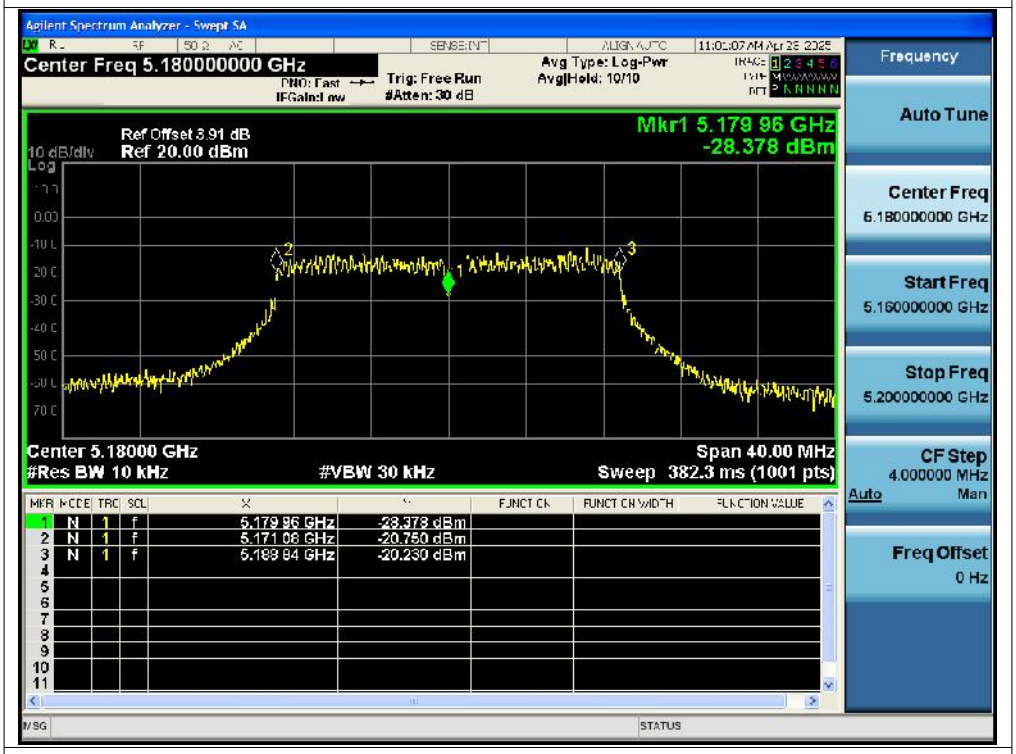
Freq. Stability NVNT n40 5755MHz Ant1 0 Minutes



Freq. Stability NVNT n40 5795MHz Ant1 0 Minutes

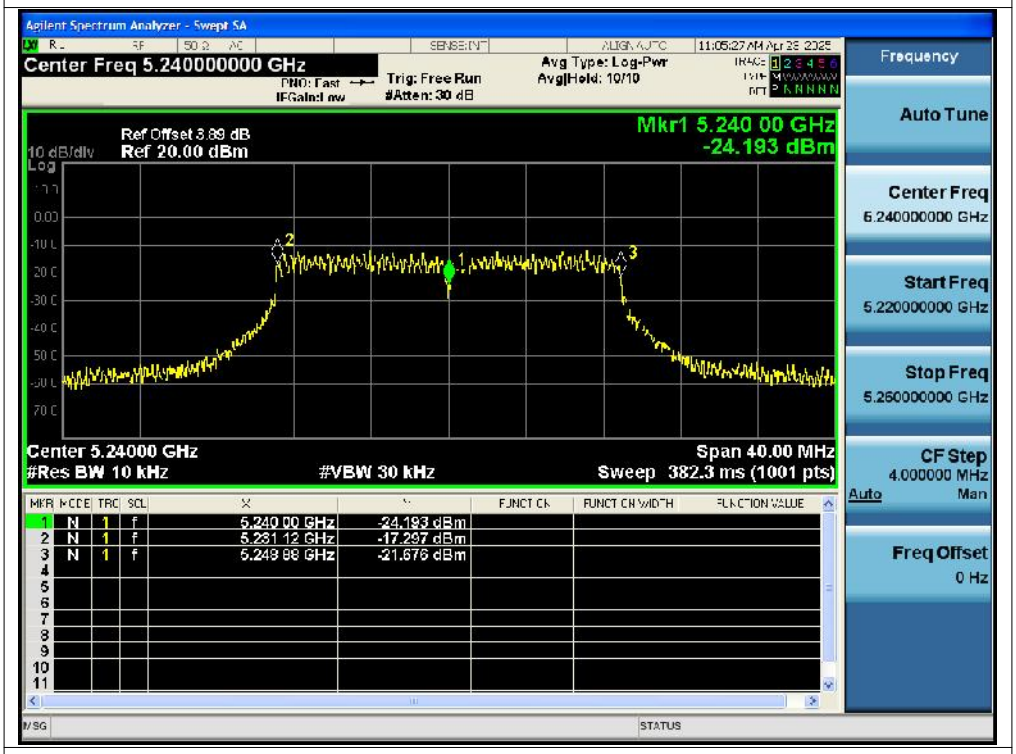


Freq. Stability NVNT ac20 5180MHz Ant1 0 Minutes



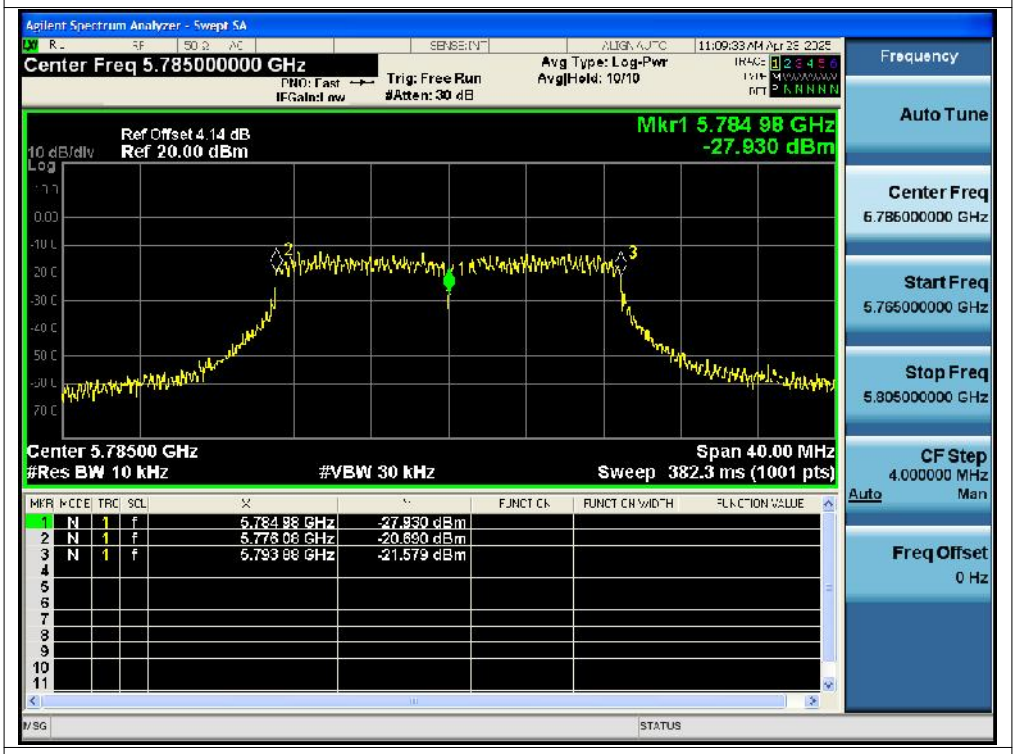
Freq. Stability NVNT ac20 5200MHz Ant1 0 Minutes

Freq. Stability NVNT ac20 5240MHz Ant1 0 Minutes

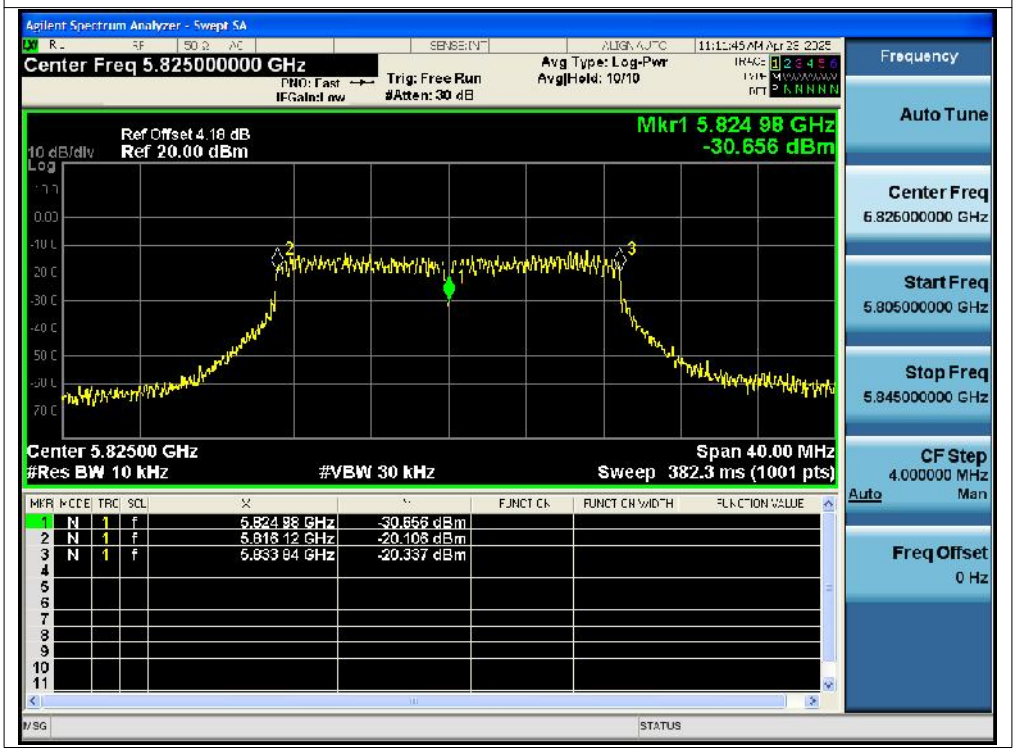


Freq. Stability NVNT ac20 5745MHz Ant1 0 Minutes

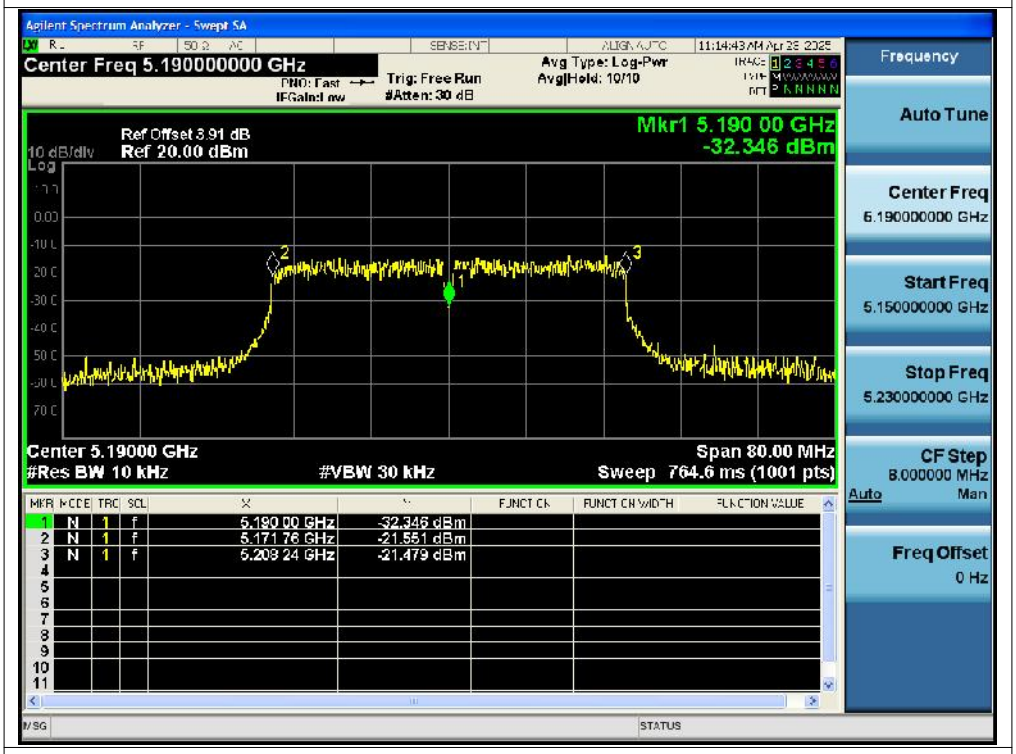
Freq. Stability NVNT ac20 5785MHz Ant1 0 Minutes



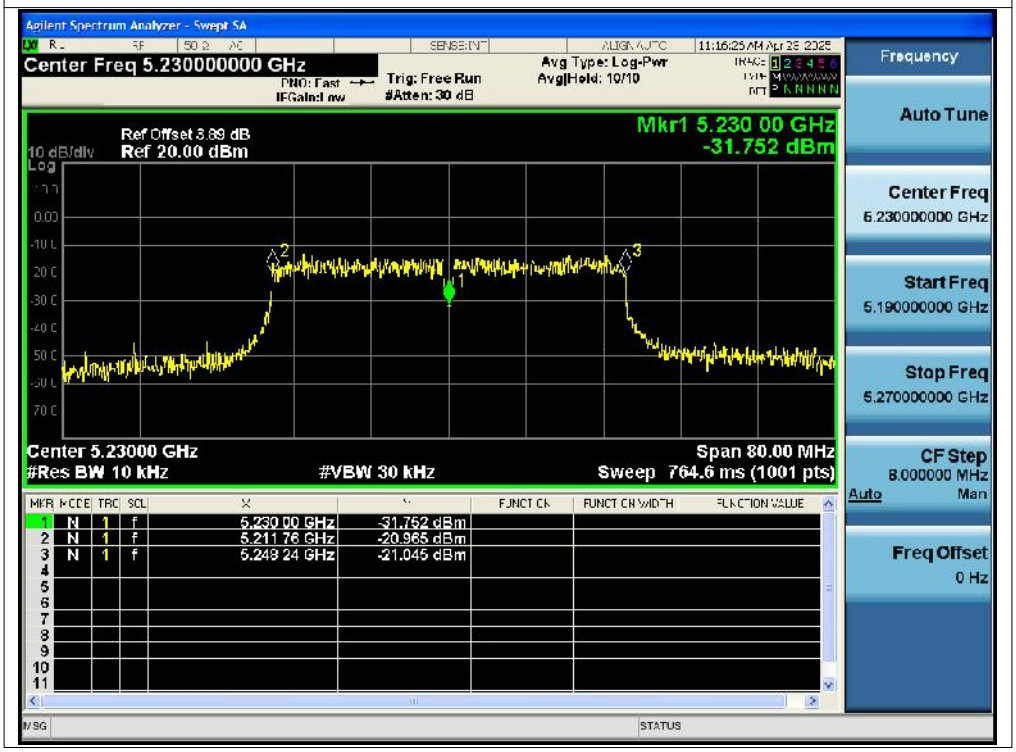
Freq. Stability NVNT ac20 5825MHz Ant1 0 Minutes



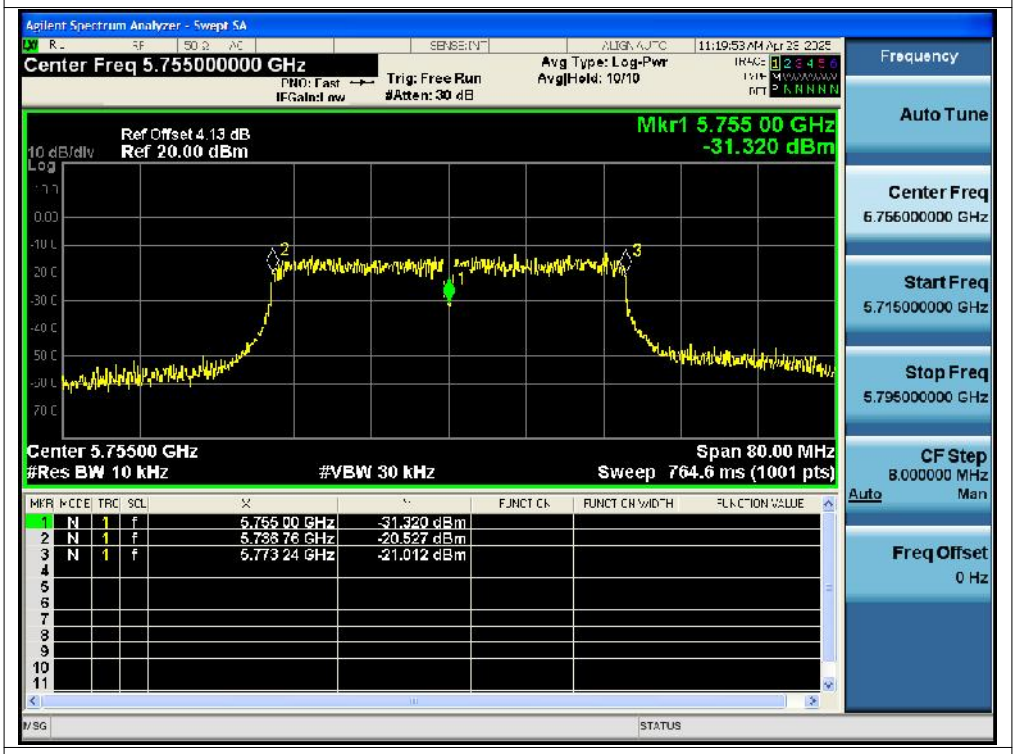
Freq. Stability NVNT ac40 5190MHz Ant1 0 Minutes



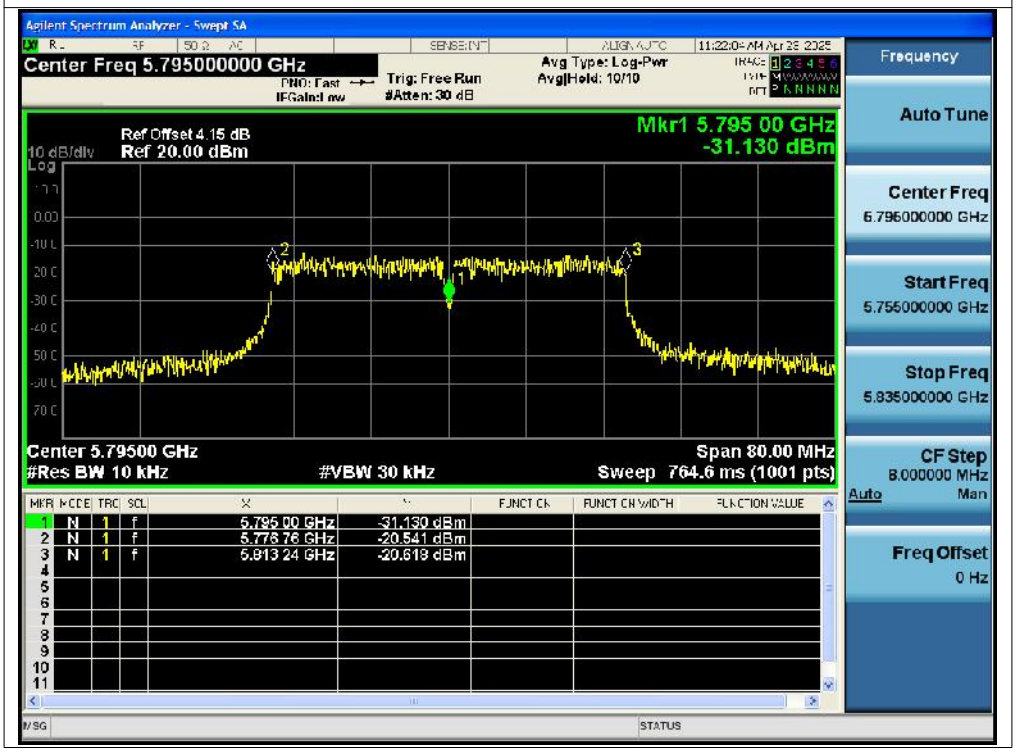
Freq. Stability NVNT ac40 5230MHz Ant1 0 Minutes



Freq. Stability NVNT ac40 5755MHz Ant1 0 Minutes



Freq. Stability NVNT ac40 5795MHz Ant1 0 Minutes



Freq. Stability NVNT ac80 5210MHz Ant1 0 Minutes

Freq. Stability NVNT ac80 5775MHz Ant1 0 Minutes

Conducted RF Spurious Emission

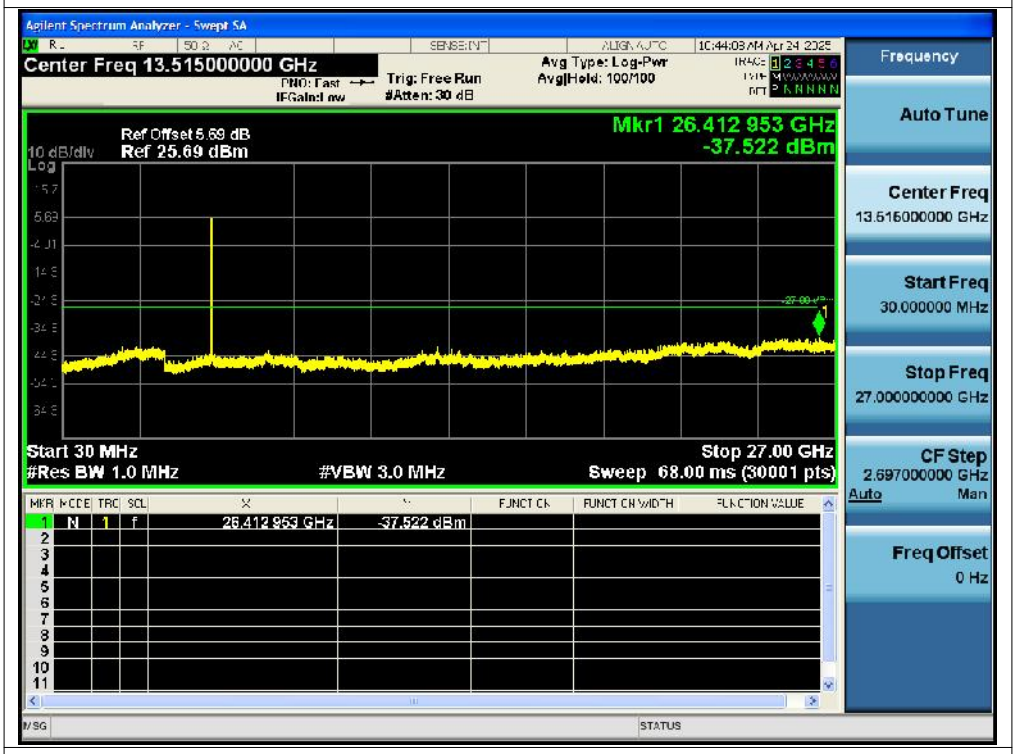
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-37.44	-27	Pass
NVNT	a	5200	Ant1	-36.91	-27	Pass
NVNT	a	5240	Ant1	-37.52	-27	Pass
NVNT	a	5745	Ant1	-37.46	-27	Pass
NVNT	a	5785	Ant1	-37.46	-27	Pass
NVNT	a	5825	Ant1	-36.67	-27	Pass
NVNT	n20	5180	Ant1	-36.18	-27	Pass
NVNT	n20	5200	Ant1	-37.38	-27	Pass
NVNT	n20	5240	Ant1	-37.45	-27	Pass
NVNT	n20	5745	Ant1	-37.6	-27	Pass
NVNT	n20	5785	Ant1	-37.5	-27	Pass
NVNT	n20	5825	Ant1	-37.18	-27	Pass
NVNT	n40	5190	Ant1	-37.01	-27	Pass
NVNT	n40	5230	Ant1	-36.86	-27	Pass
NVNT	n40	5755	Ant1	-37.85	-27	Pass
NVNT	n40	5795	Ant1	-37.52	-27	Pass
NVNT	ac20	5180	Ant1	-37.02	-27	Pass
NVNT	ac20	5200	Ant1	-37.43	-27	Pass
NVNT	ac20	5240	Ant1	-38.01	-27	Pass
NVNT	ac20	5745	Ant1	-37.65	-27	Pass
NVNT	ac20	5785	Ant1	-37.22	-27	Pass
NVNT	ac20	5825	Ant1	-36.81	-27	Pass
NVNT	ac40	5190	Ant1	-38.04	-27	Pass
NVNT	ac40	5230	Ant1	-37	-27	Pass
NVNT	ac40	5755	Ant1	-36.95	-27	Pass
NVNT	ac40	5795	Ant1	-37.6	-27	Pass
NVNT	ac80	5210	Ant1	-37.51	-27	Pass
NVNT	ac80	5775	Ant1	-37.06	-27	Pass

Test Graphs

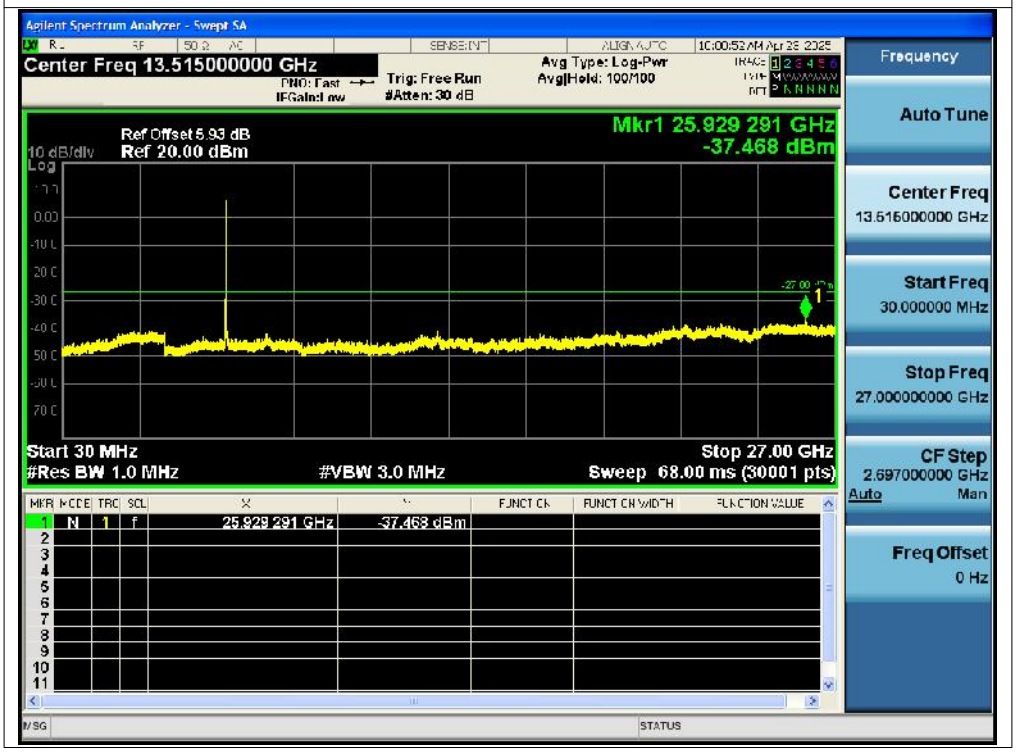
Tx. Spurious NVNT a 5180MHz Ant1 Emission

Tx. Spurious NVNT a 5200MHz Ant1 Emission

Tx. Spurious NVNT a 5240MHz Ant1 Emission



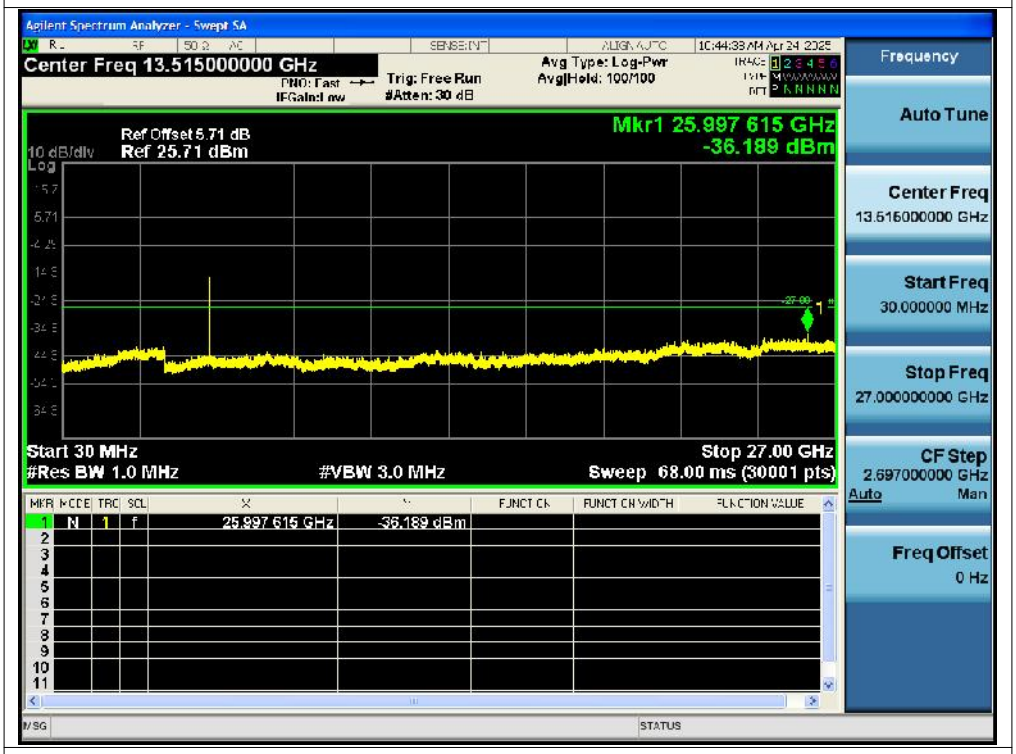
Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission

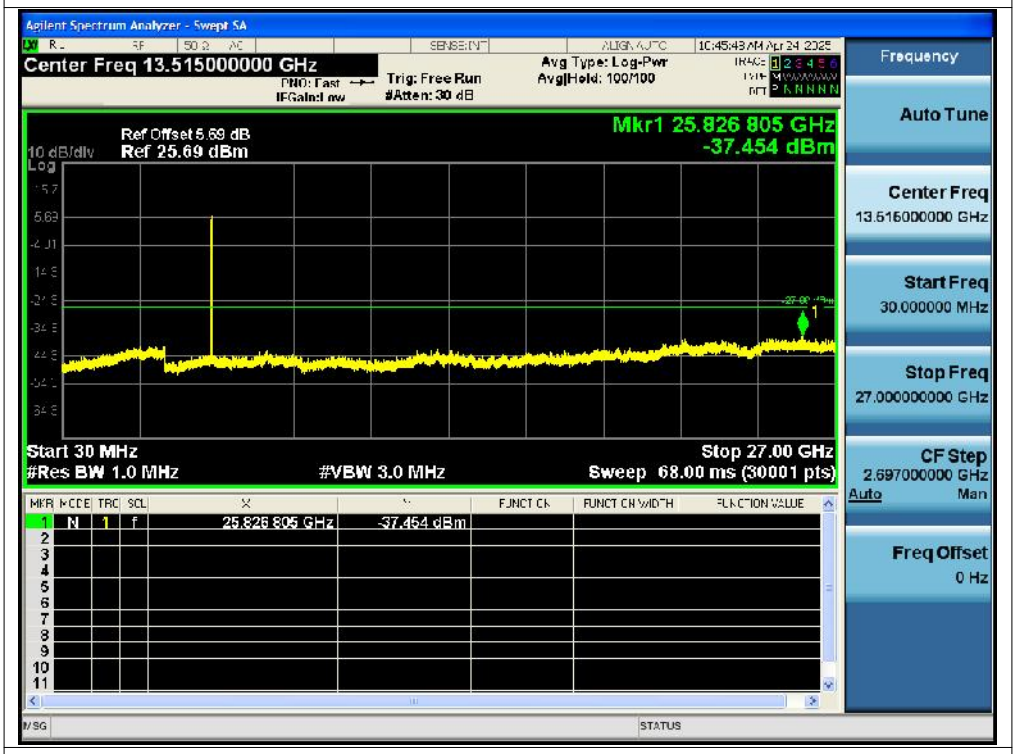
Tx. Spurious NVNT a 5825MHz Ant1 Emission

Tx. Spurious NVNT n20 5180MHz Ant1 Emission



Tx. Spurious NVNT n20 5200MHz Ant1 Emission

Tx. Spurious NVNT n20 5240MHz Ant1 Emission

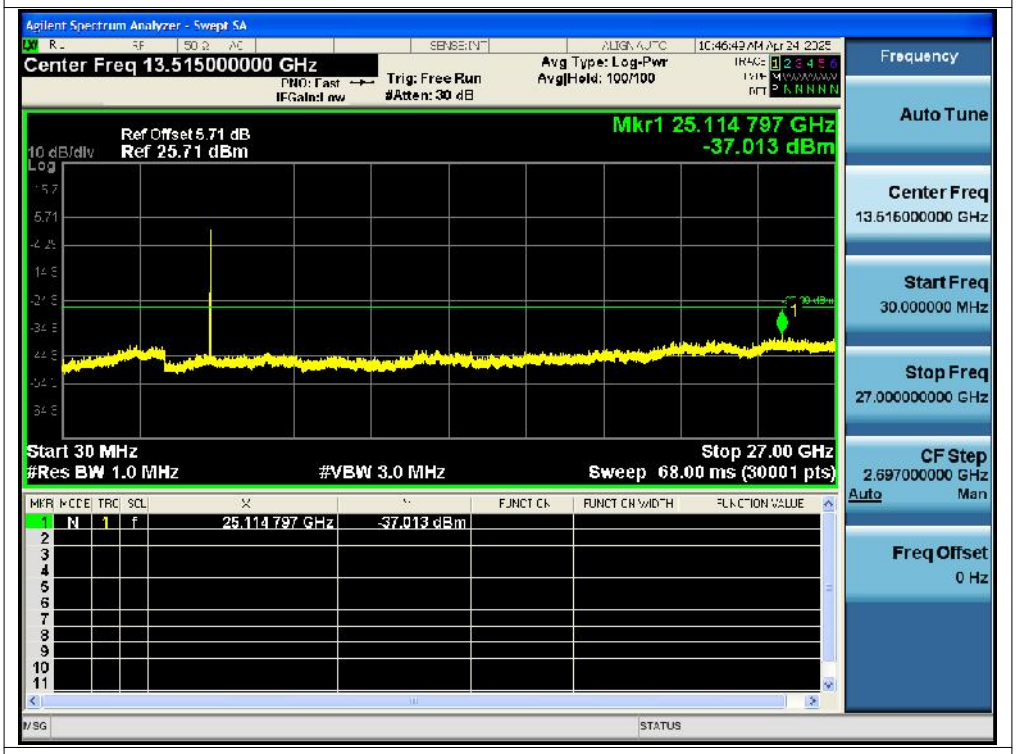


Tx. Spurious NVNT n20 5745MHz Ant1 Emission

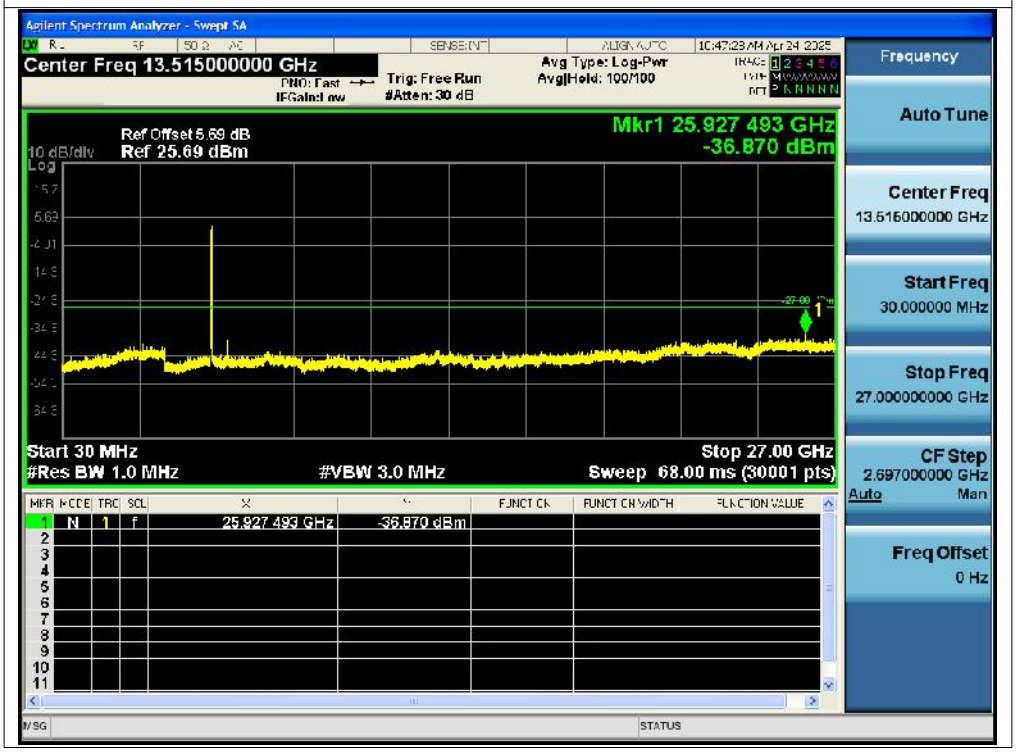
Tx. Spurious NVNT n20 5785MHz Ant1 Emission

Tx. Spurious NVNT n20 5825MHz Ant1 Emission

Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission

Tx. Spurious NVNT n40 5795MHz Ant1 Emission

Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

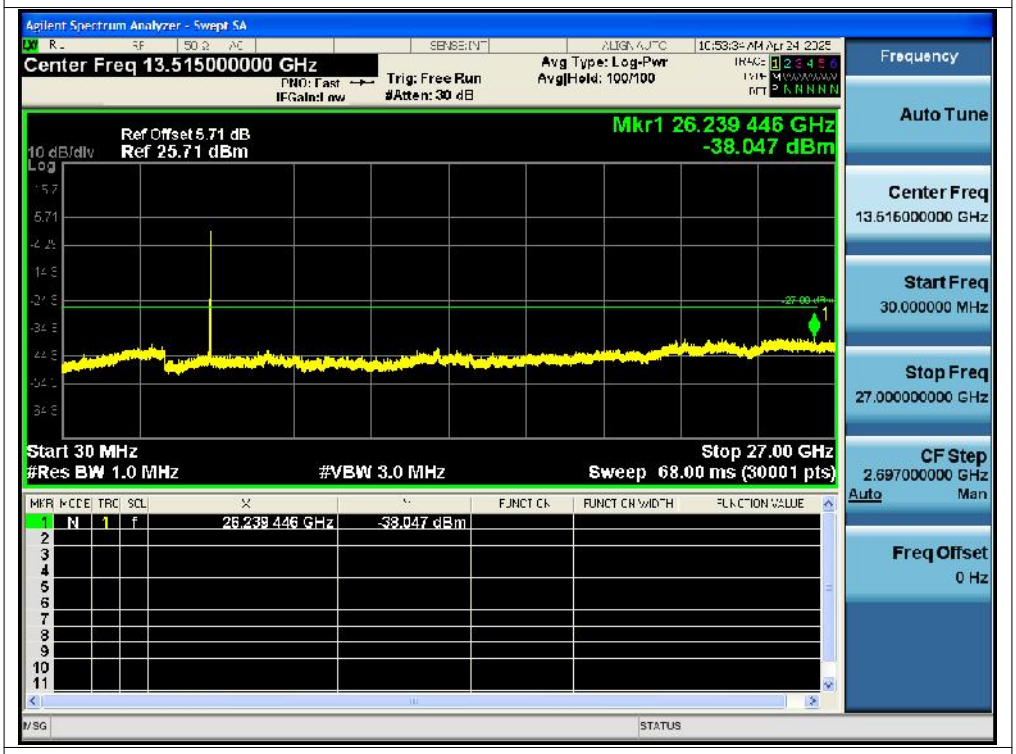
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission

Tx. Spurious NVNT ac20 5745MHz Ant1 Emission

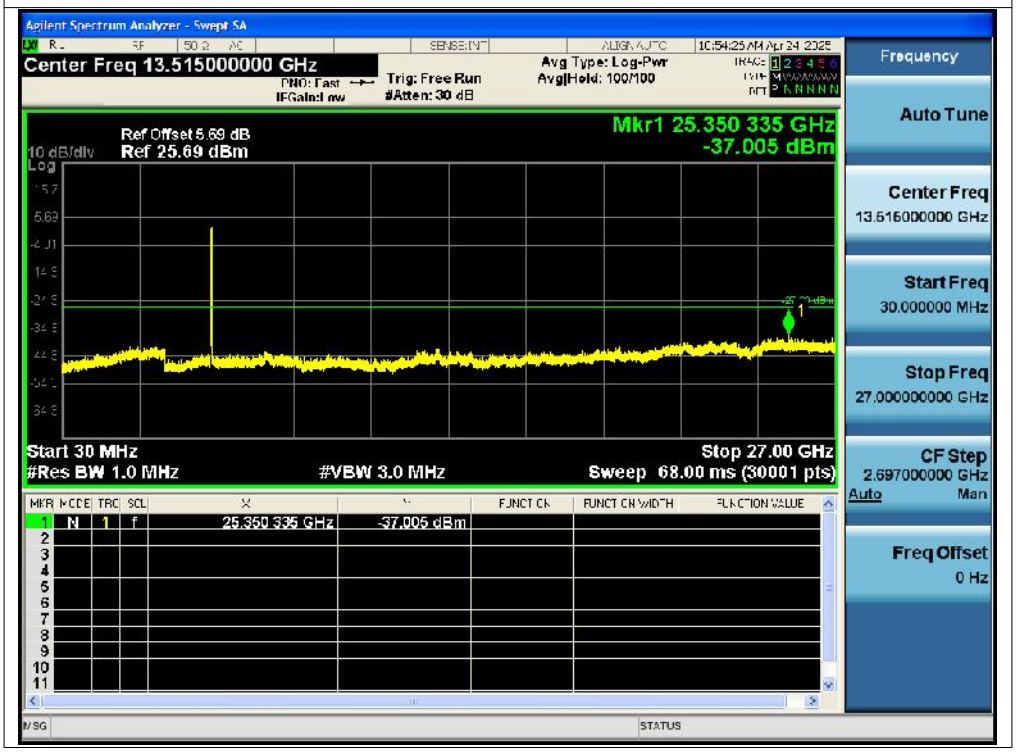
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission

Tx. Spurious NVNT ac20 5825MHz Ant1 Emission

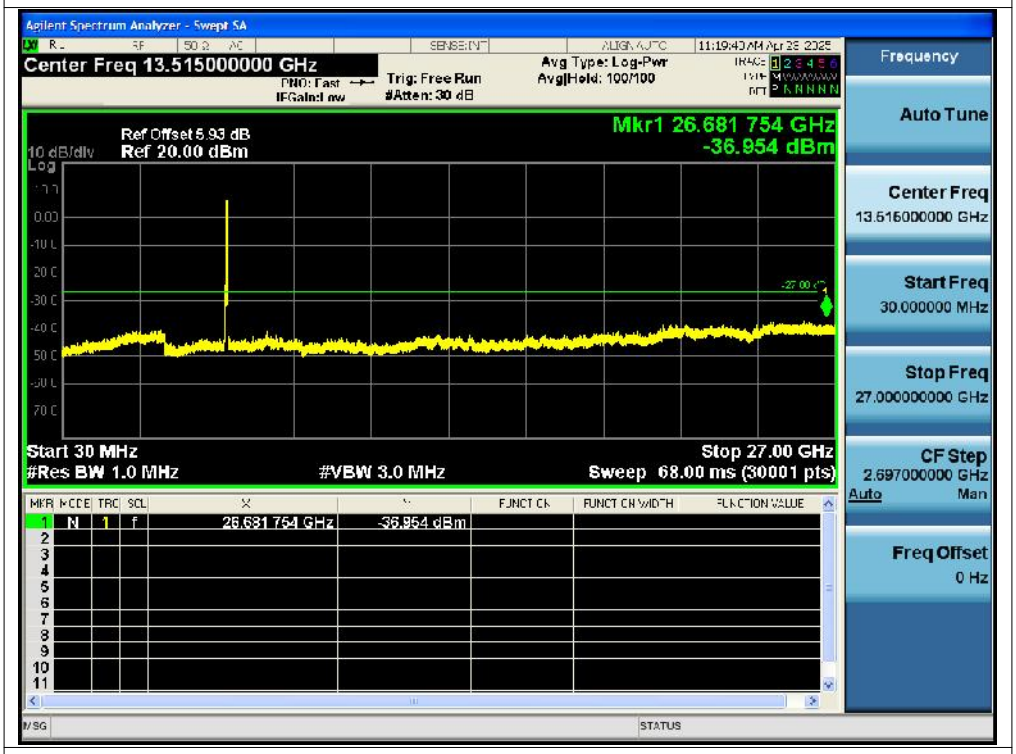
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



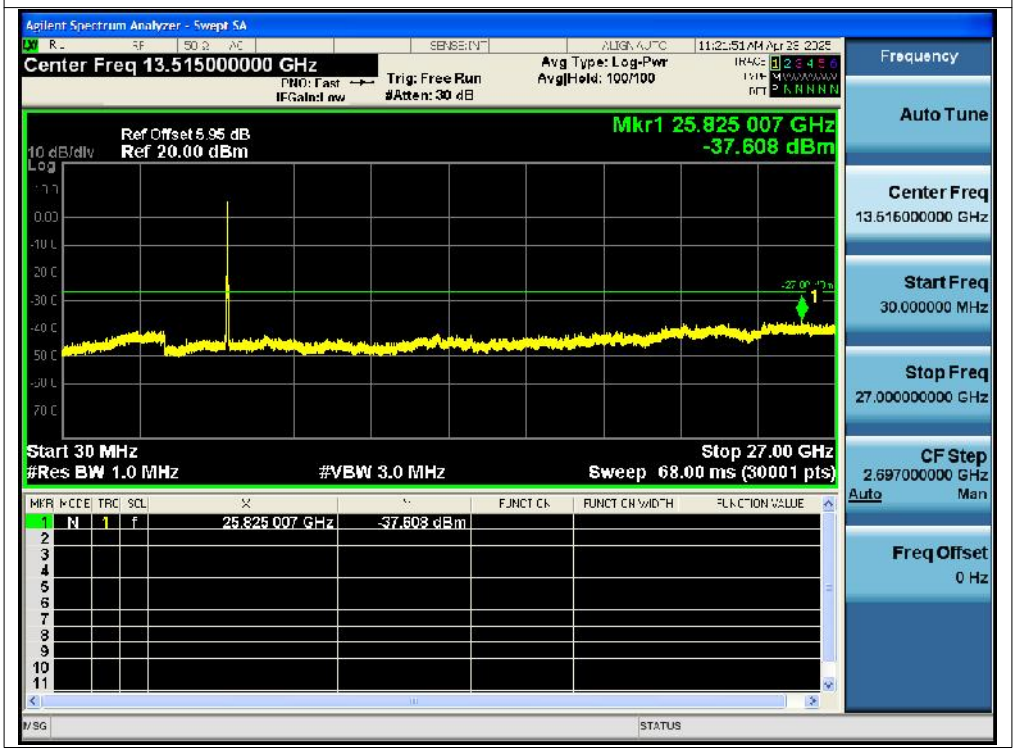
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



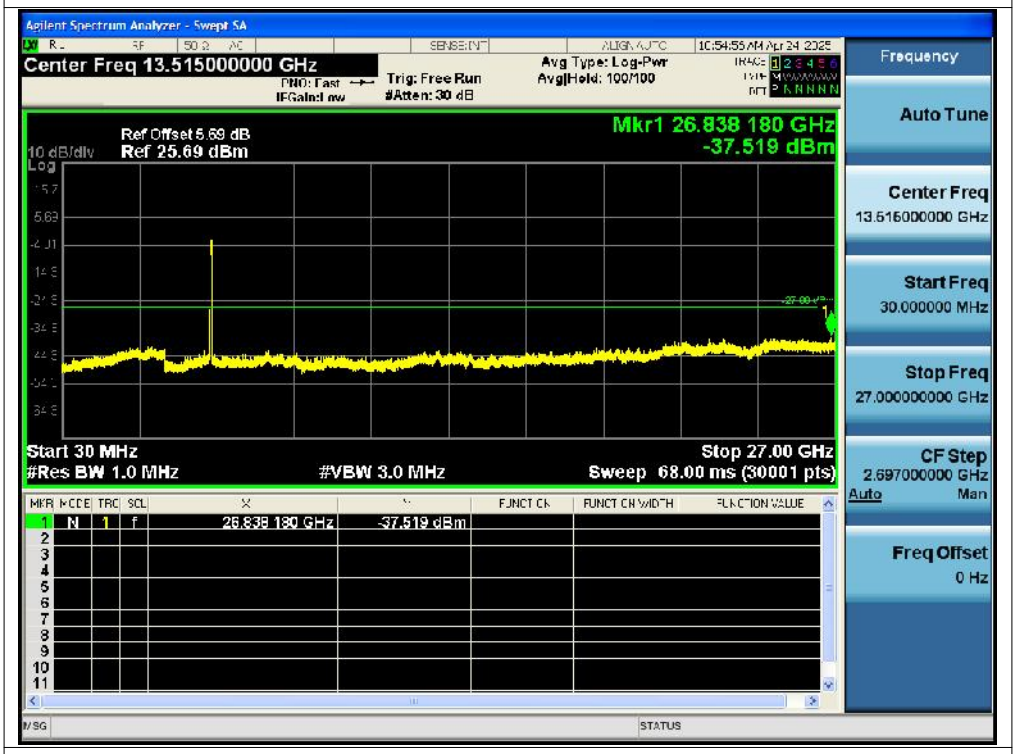
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.3	0.5	Pass
NVNT	a	5785	Ant1	16.495	0.5	Pass
NVNT	a	5825	Ant1	16.371	0.5	Pass
NVNT	n20	5745	Ant1	17.62	0.5	Pass
NVNT	n20	5785	Ant1	17.615	0.5	Pass
NVNT	n20	5825	Ant1	17.646	0.5	Pass
NVNT	n40	5755	Ant1	36.315	0.5	Pass
NVNT	n40	5795	Ant1	36.065	0.5	Pass
NVNT	ac20	5745	Ant1	17.633	0.5	Pass
NVNT	ac20	5785	Ant1	17.562	0.5	Pass
NVNT	ac20	5825	Ant1	17.627	0.5	Pass
NVNT	ac40	5755	Ant1	35.962	0.5	Pass
NVNT	ac40	5795	Ant1	36.33	0.5	Pass
NVNT	ac80	5775	Ant1	75.096	0.5	Pass