PSD NVNT n20 5785MHz Ant1

PSD NVNT n20 5825MHz Ant1

PSD NVNT n40 5755MHz Ant1

PSD NVNT n40 5795MHz Ant1

PSD NVNT ac20 5745MHz Ant1

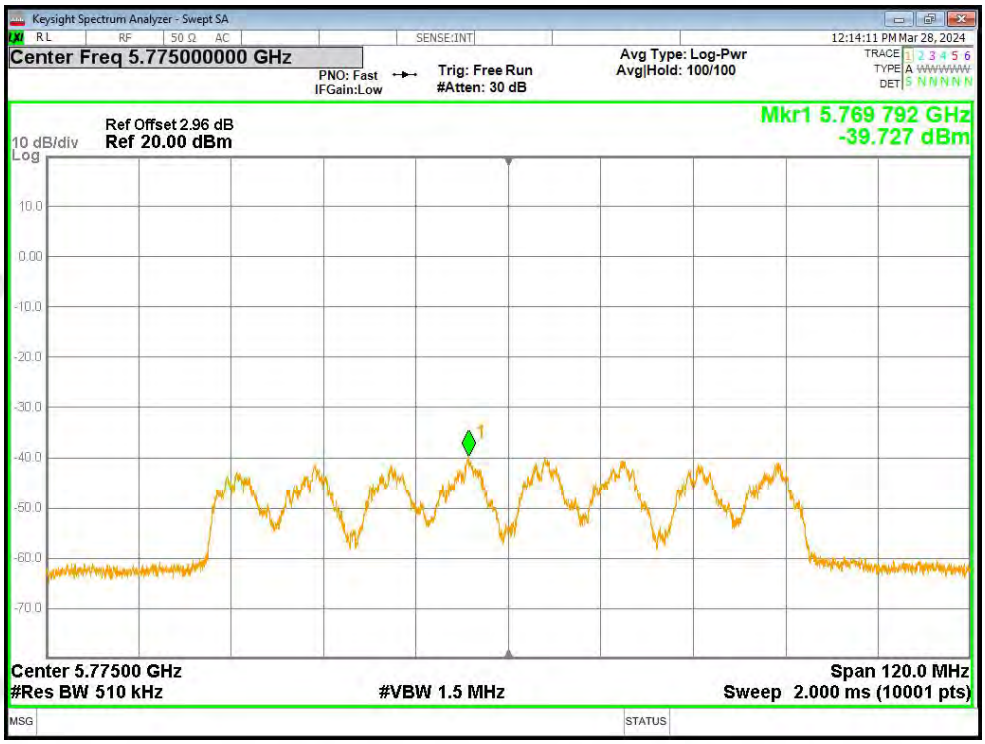
PSD NVNT ac20 5785MHz Ant1

PSD NVNT ac20 5825MHz Ant1

PSD NVNT ac40 5755MHz Ant1

PSD NVNT ac40 5795MHz Ant1

PSD NVNT ac80 5775MHz Ant1

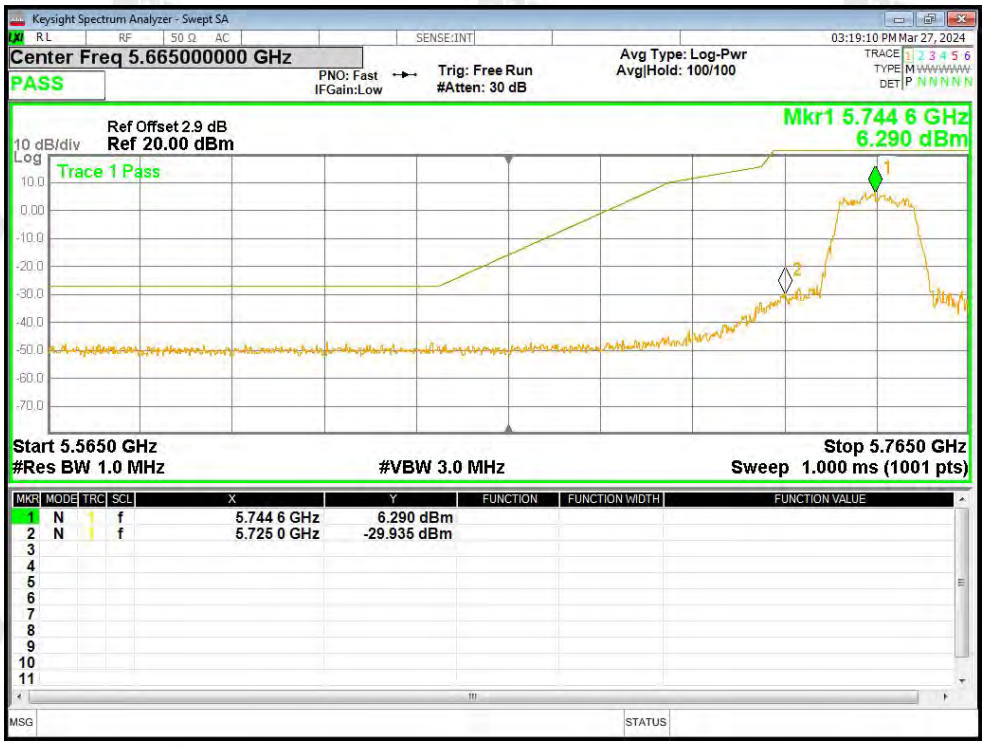


B6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-29.93	Refer to below test plot	Pass
NVNT	a	5825	Ant1	-39.91	Refer to below test plot	Pass
NVNT	n20	5745	Ant1	-32.84	Refer to below test plot	Pass
NVNT	n20	5825	Ant1	-40.16	Refer to below test plot	Pass
NVNT	n40	5755	Ant1	-38.01	Refer to below test plot	Pass
NVNT	n40	5795	Ant1	-45.87	Refer to below test plot	Pass
NVNT	ac20	5745	Ant1	-32.45	Refer to below test plot	Pass
NVNT	ac20	5825	Ant1	-43.95	Refer to below test plot	Pass
NVNT	ac40	5755	Ant1	-44.45	Refer to below test plot	Pass
NVNT	ac40	5795	Ant1	-45.94	Refer to below test plot	Pass
NVNT	ac80	5775	Ant1	-45.78	Refer to below test plot	Pass

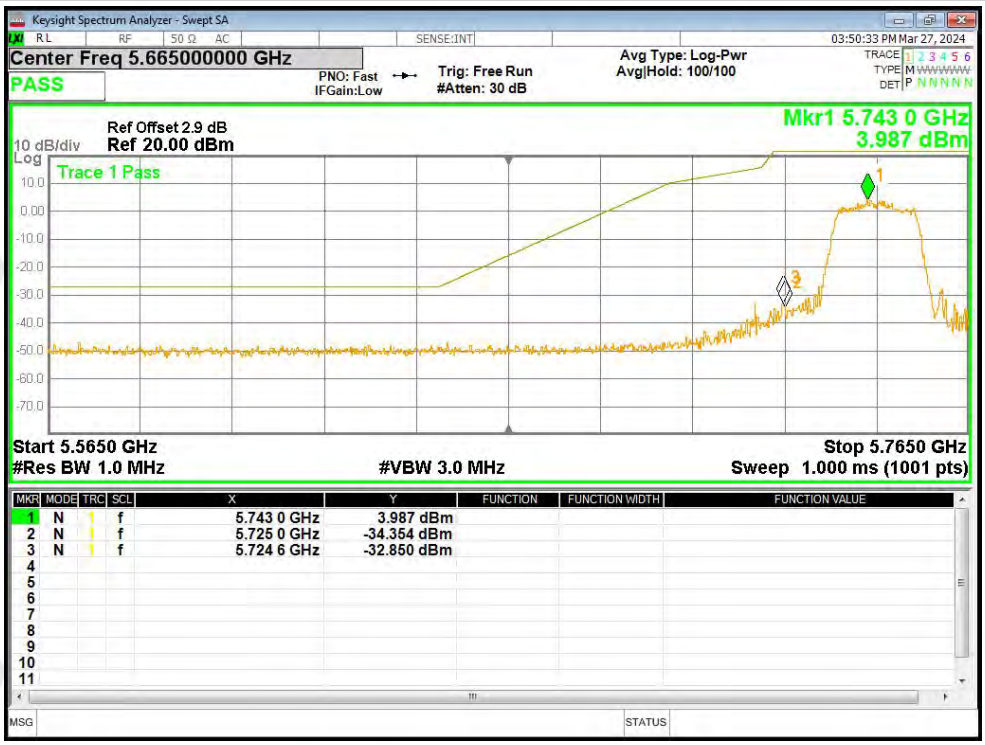
Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



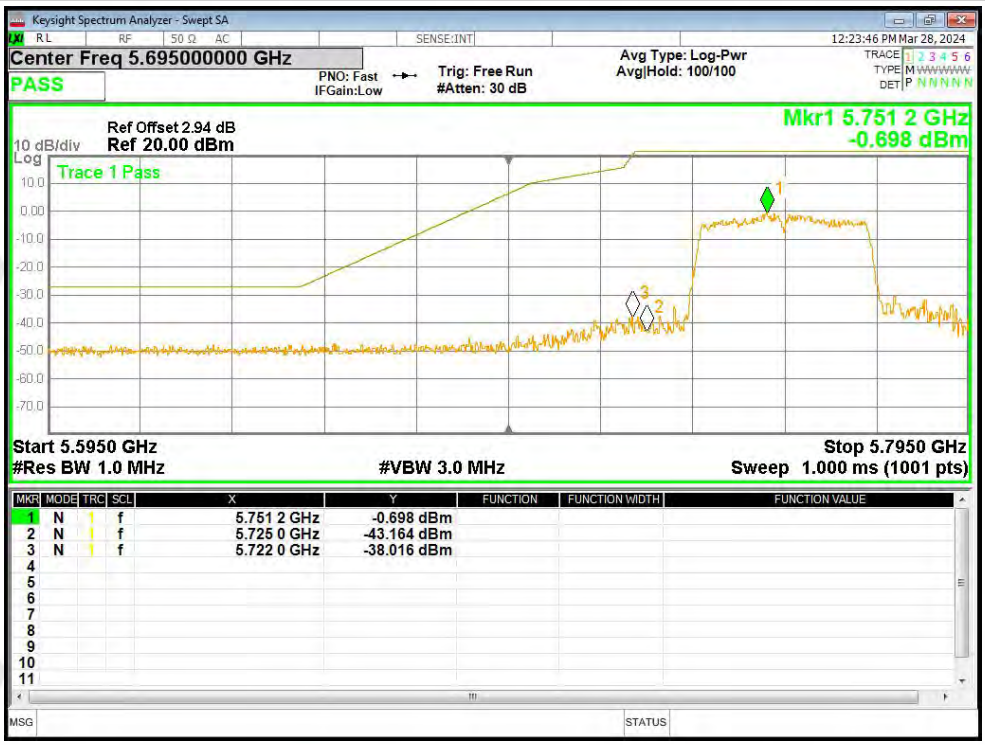
Band Edge NVNT a 5825MHz High Ant1

Band Edge NVNT n20 5745MHz Low Ant1

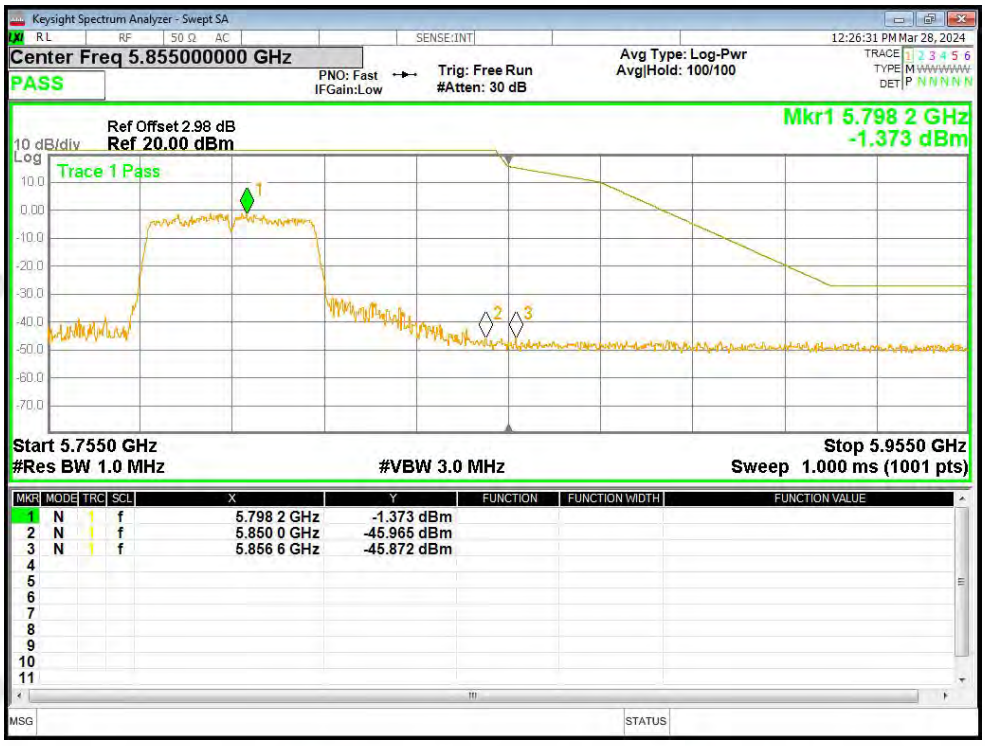


Band Edge NVNT n20 5825MHz High Ant1

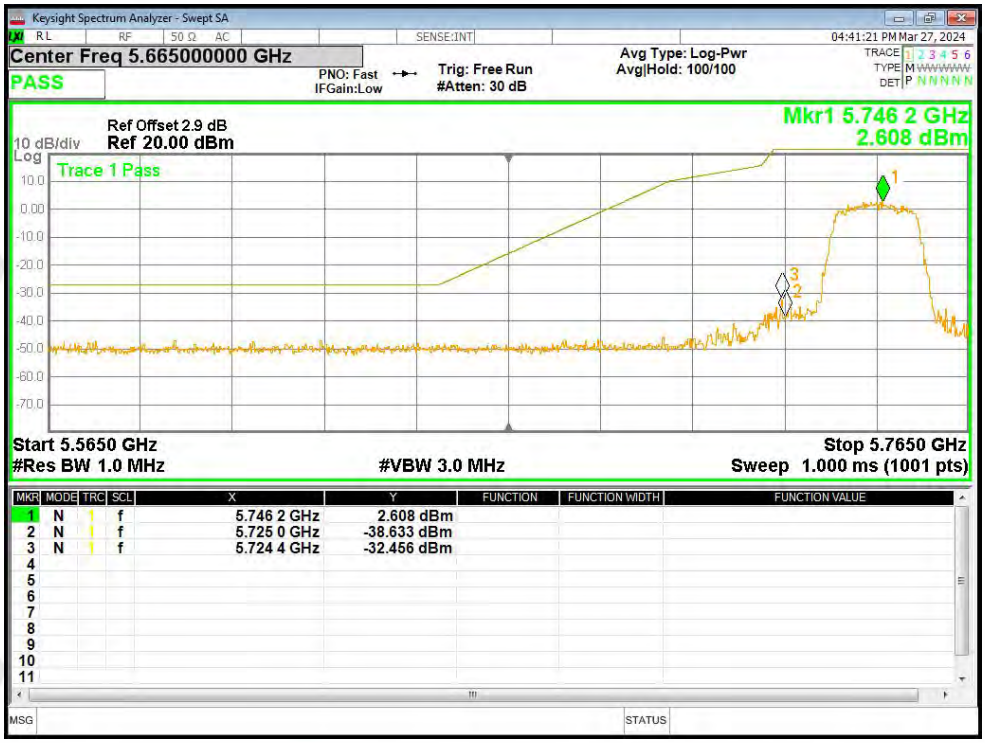
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1

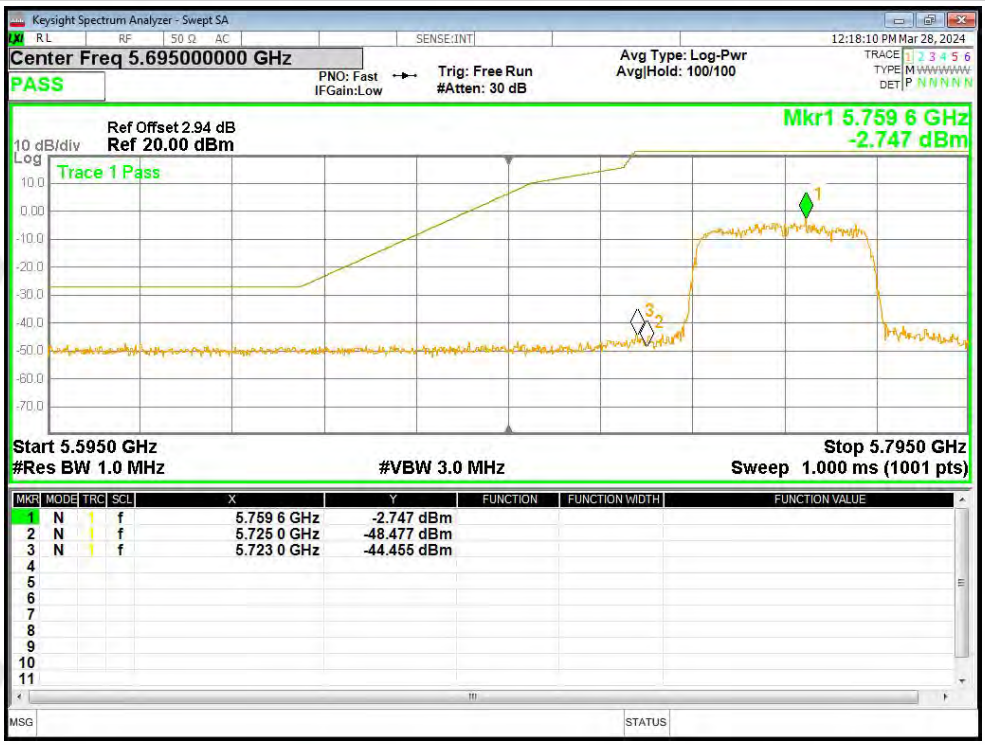


Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1

Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1

Band Edge NVNT ac80 5775MHz Low Ant1

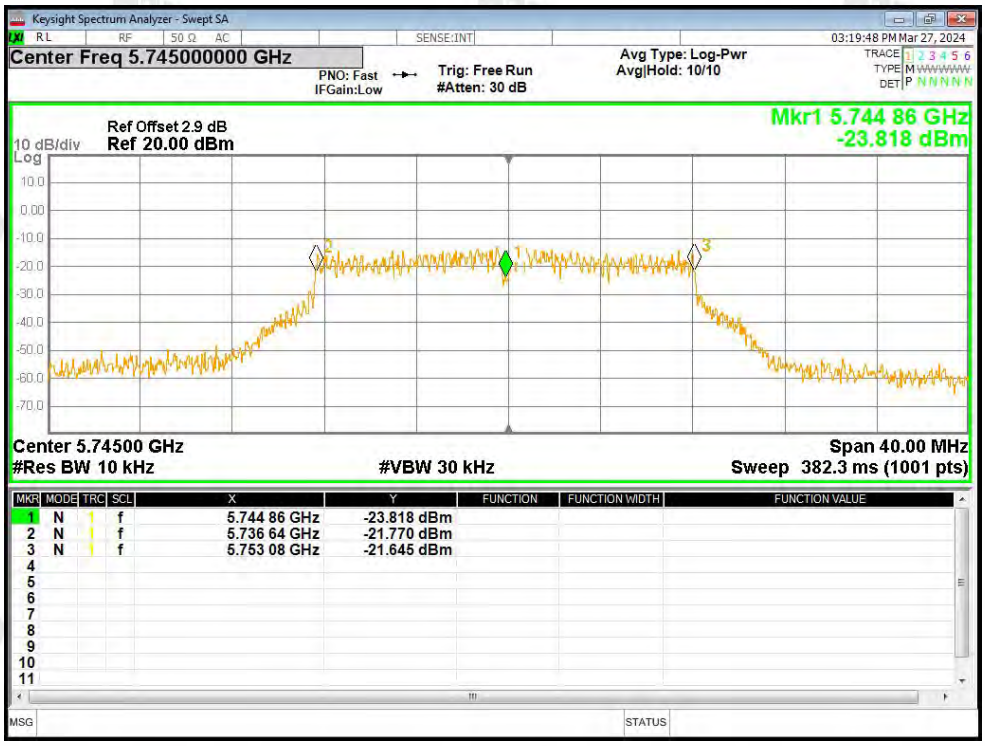
B7. Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5744.86	-140000	-24.37	Within 5725-5850MHz	Pass
NVNT	a	5785	Ant1	5784.9	-100000	-17.29	Within 5725-5850MHz	Pass
NVNT	a	5825	Ant1	5824.88	-120000	-20.6	Within 5725-5850MHz	Pass
NVNT	n20	5745	Ant1	5744.88	-120000	-20.89	Within 5725-5850MHz	Pass
NVNT	n20	5785	Ant1	5784.9	-100000	-17.29	Within 5725-5850MHz	Pass
NVNT	n20	5825	Ant1	5824.88	-120000	-20.6	Within 5725-5850MHz	Pass
NVNT	n40	5755	Ant1	5754.88	-120000	-20.85	Within 5725-5850MHz	Pass
NVNT	n40	5795	Ant1	5794.88	-120000	-20.71	Within 5725-5850MHz	Pass
NVNT	ac20	5745	Ant1	5744.9	-100000	-17.41	Within 5725-5850MHz	Pass
NVNT	ac20	5785	Ant1	5784.88	-120000	-20.74	Within 5725-5850MHz	Pass
NVNT	ac20	5825	Ant1	5824.88	-120000	-20.6	Within 5725-5850MHz	Pass
NVNT	ac40	5755	Ant1	5754.92	-80000	-13.9	Within 5725-5850MHz	Pass
NVNT	ac40	5795	Ant1	5794.88	-120000	-20.71	Within 5725-5850MHz	Pass
NVNT	ac80	5775	Ant1	5775.08	80000	13.85	Within 5725-5850MHz	Pass

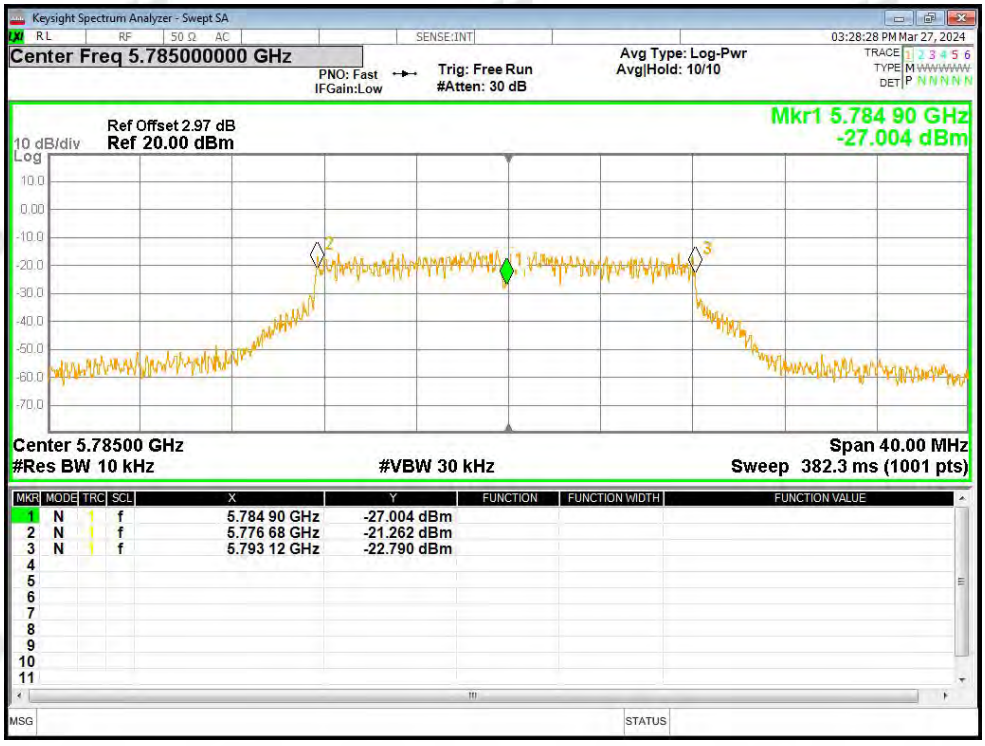
Note:Test temperature:−20°to + 70°. At room temperature, the test results are the worst, only reflecting the test results graphs at room temperature.

Test Graphs

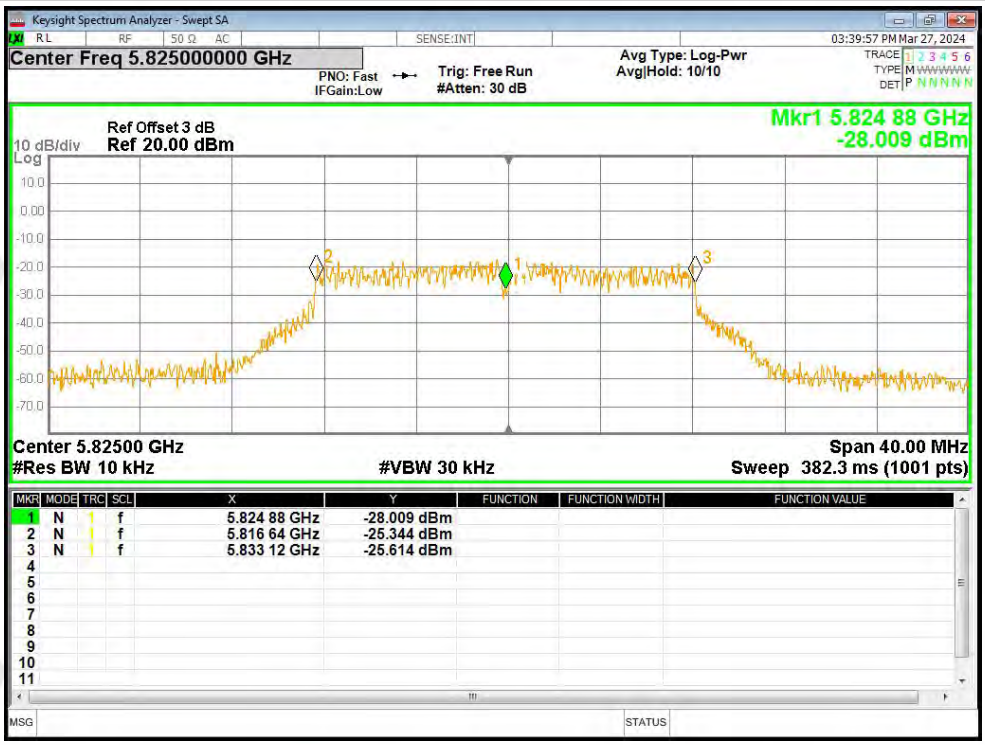
Freq. Stability NVNT a 5745MHz Ant1



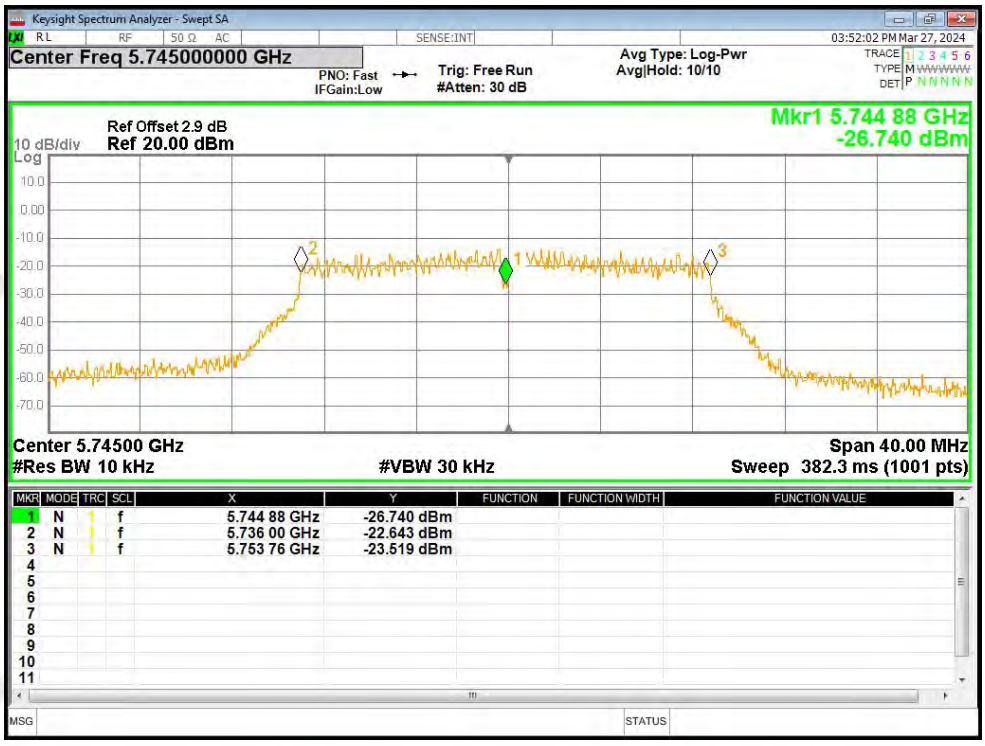
Freq. Stability NVNT a 5785MHz Ant1



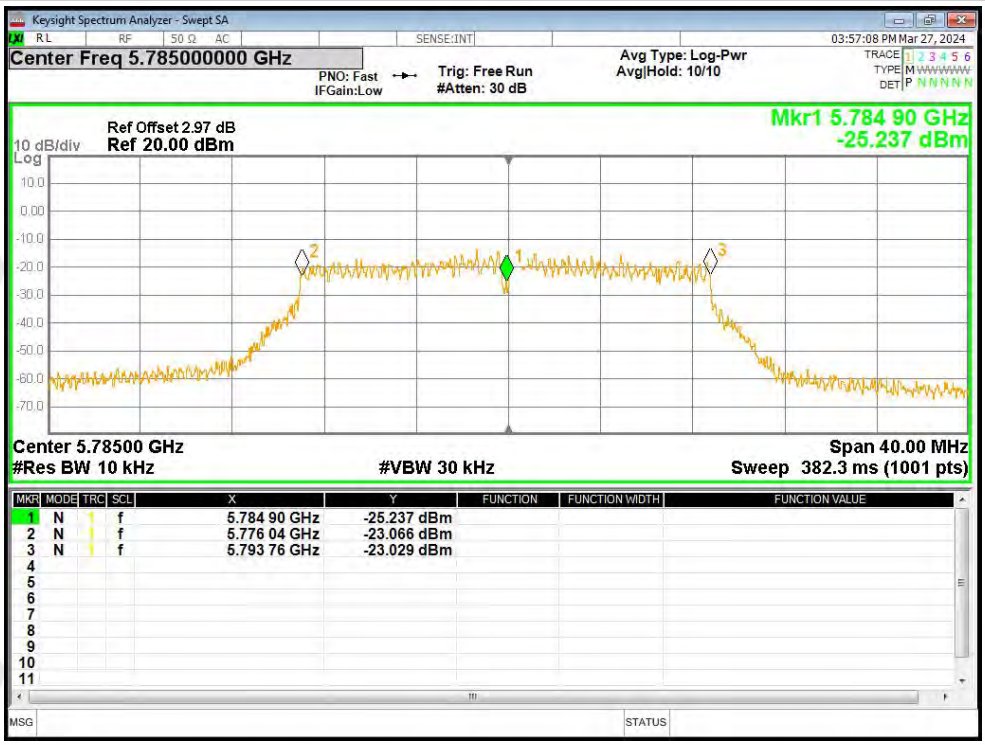
Freq. Stability NVNT a 5825MHz Ant1



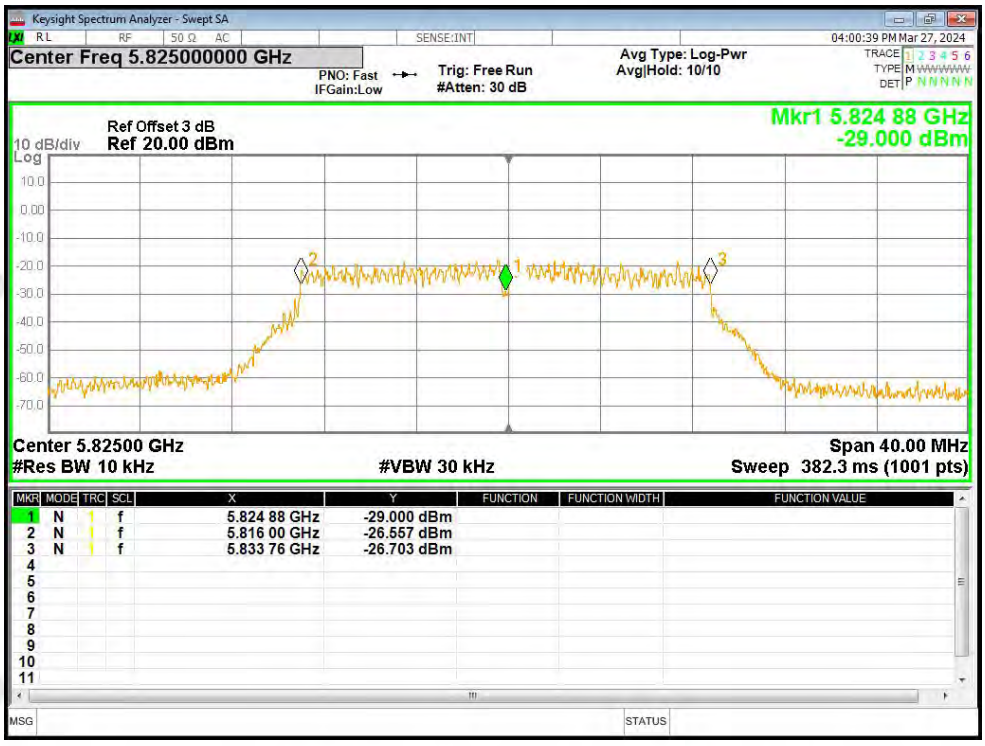
Freq. Stability NVNT n20 5745MHz Ant1



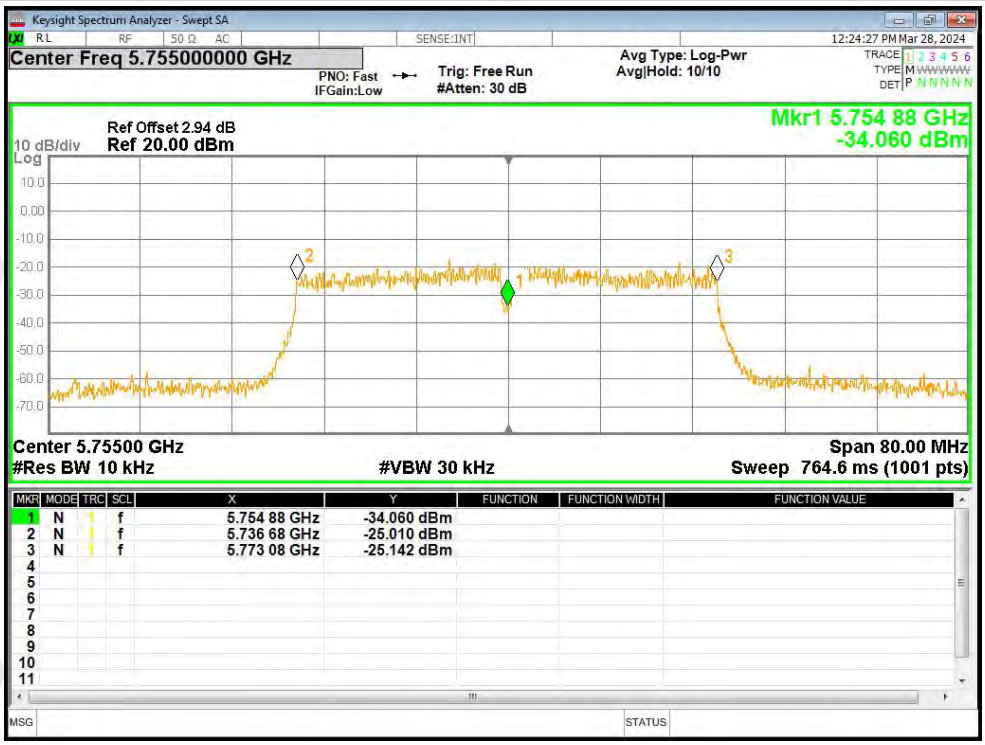
Freq. Stability NVNT n20 5785MHz Ant1



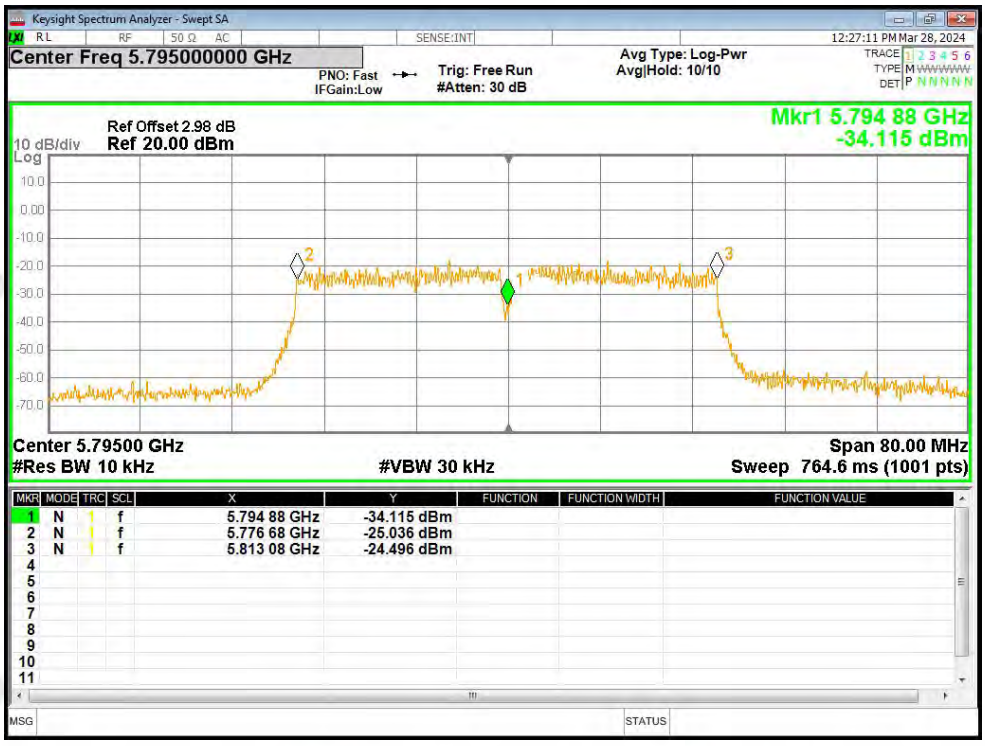
Freq. Stability NVNT n20 5825MHz Ant1



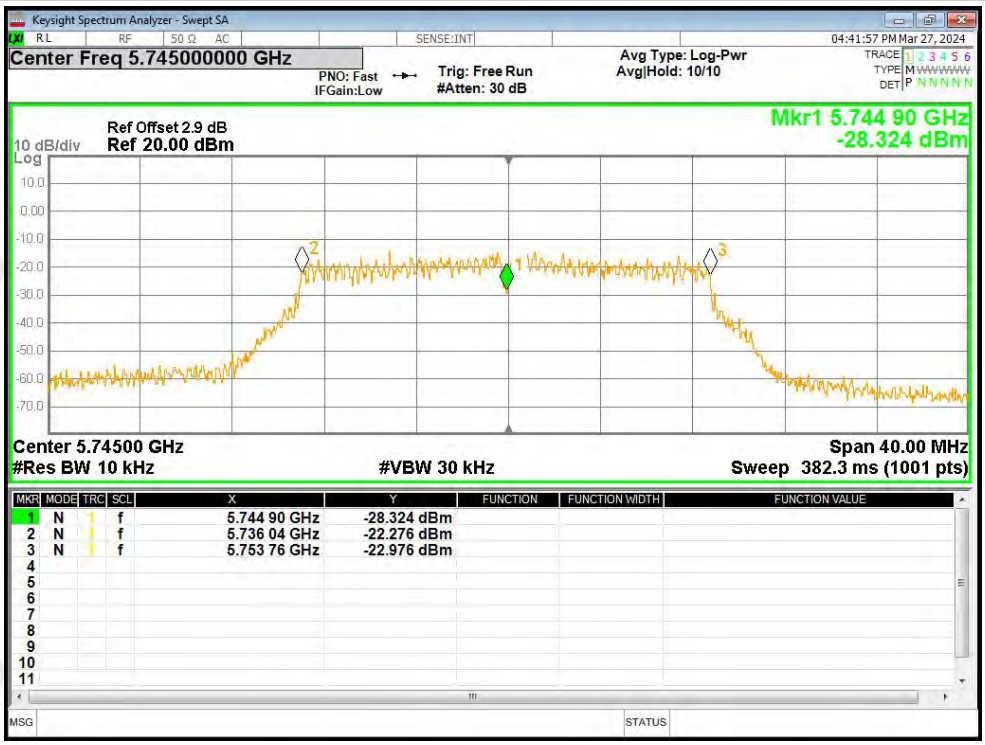
Freq. Stability NVNT n40 5755MHz Ant1



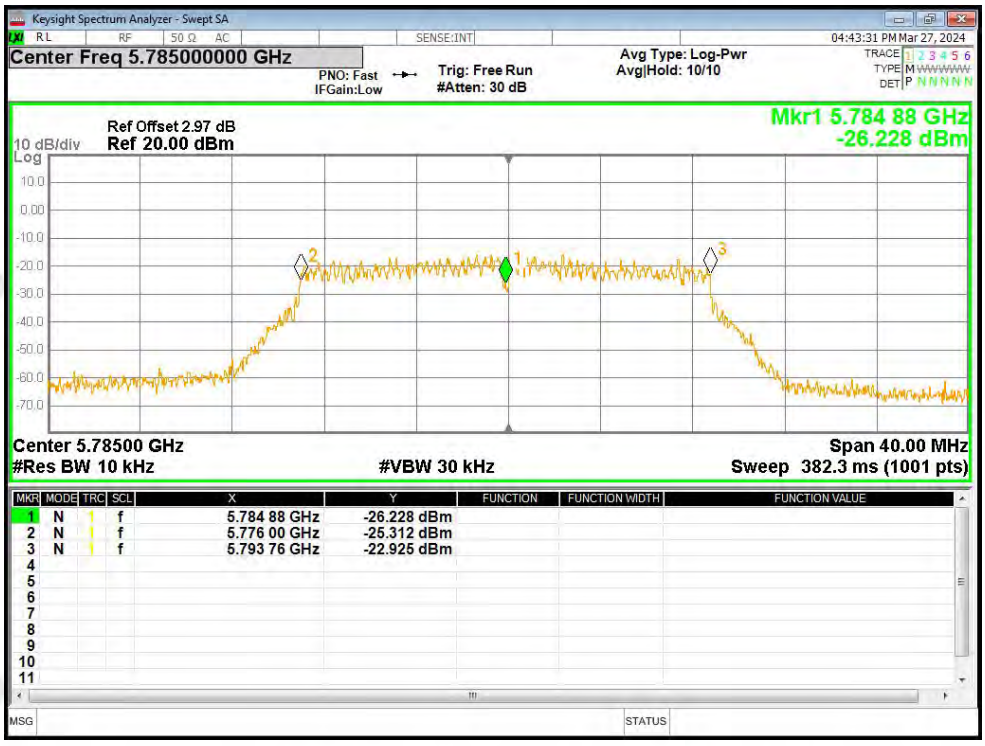
Freq. Stability NVNT n40 5795MHz Ant1



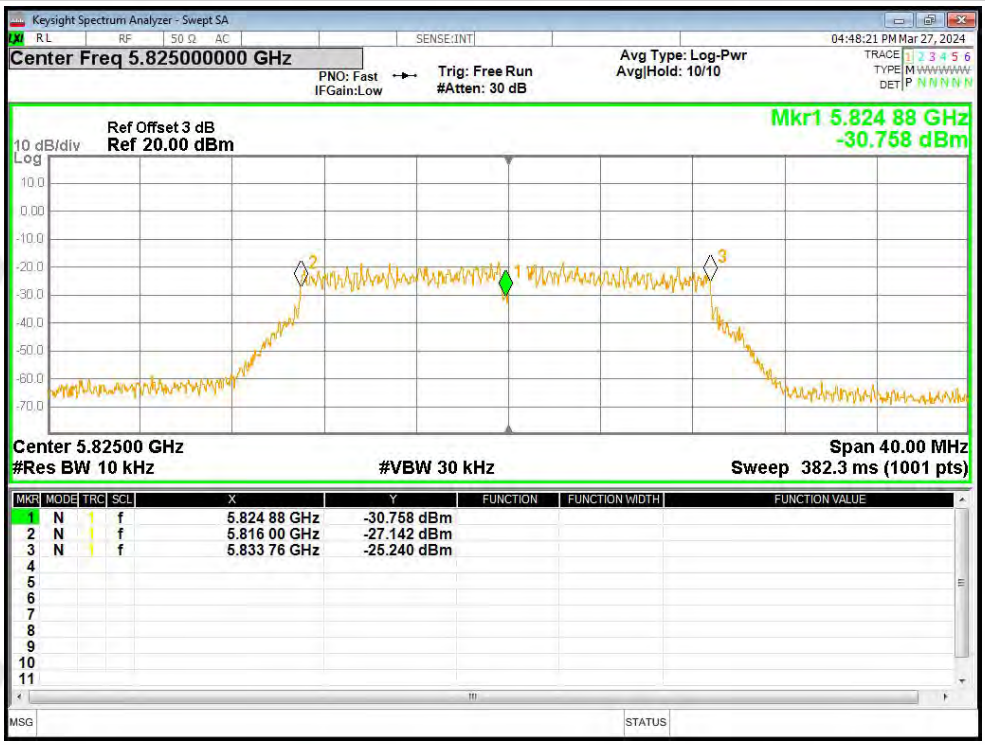
Freq. Stability NVNT ac20 5745MHz Ant1



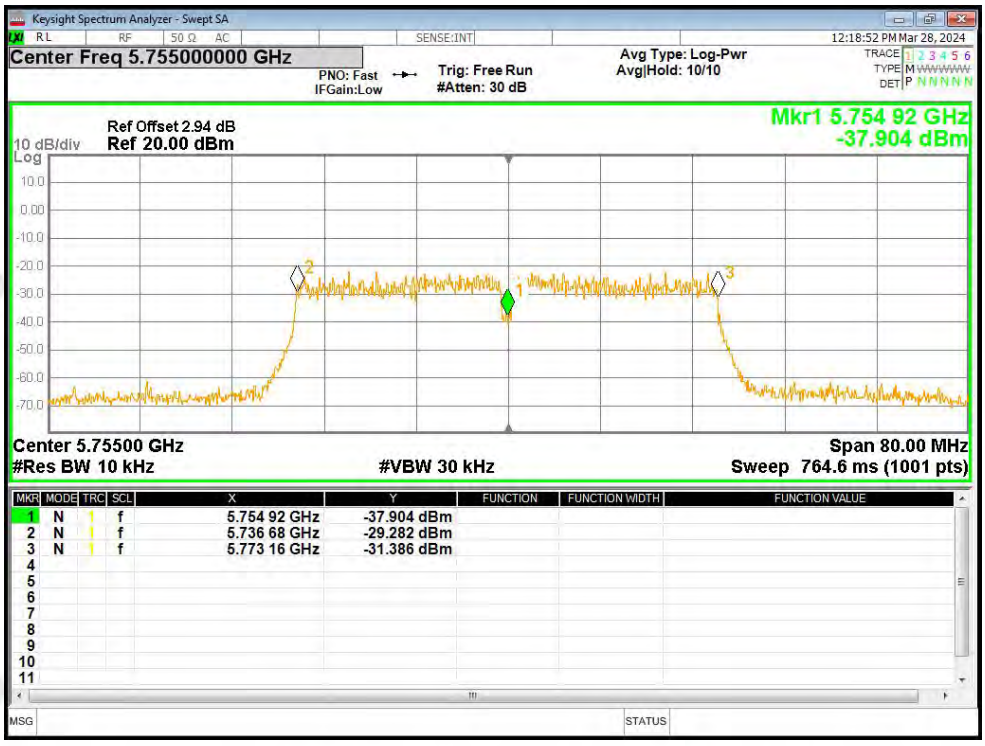
Freq. Stability NVNT ac20 5785MHz Ant1



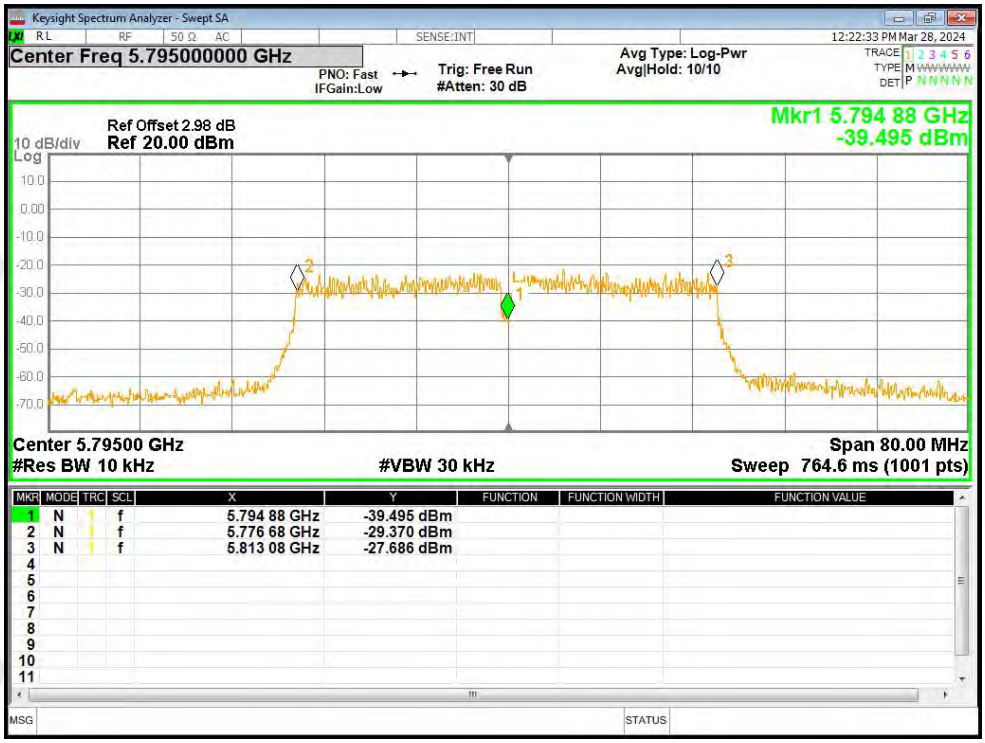
Freq. Stability NVNT ac20 5825MHz Ant1



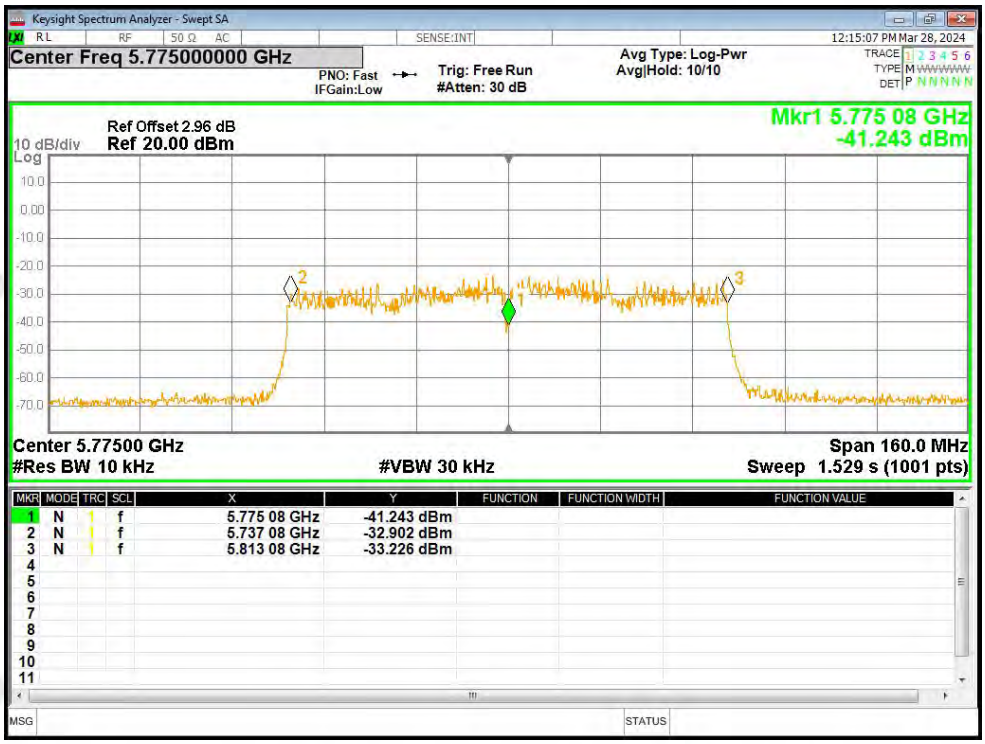
Freq. Stability NVNT ac40 5755MHz Ant1



Freq. Stability NVNT ac40 5795MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant1

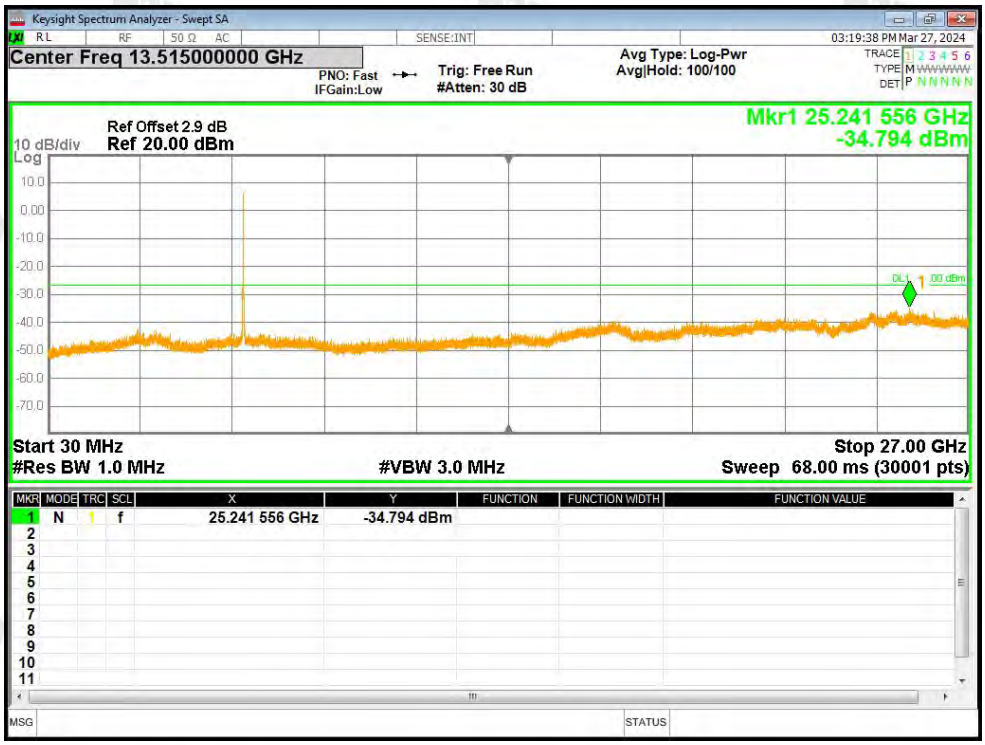


B8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.79	-27	Pass
NVNT	a	5785	Ant1	-36.14	-27	Pass
NVNT	a	5825	Ant1	-35.56	-27	Pass
NVNT	n20	5745	Ant1	-35.6	-27	Pass
NVNT	n20	5785	Ant1	-35.11	-27	Pass
NVNT	n20	5825	Ant1	-35.45	-27	Pass
NVNT	n40	5755	Ant1	-35.42	-27	Pass
NVNT	n40	5795	Ant1	-35.47	-27	Pass
NVNT	ac20	5745	Ant1	-36.03	-27	Pass
NVNT	ac20	5785	Ant1	-35.78	-27	Pass
NVNT	ac20	5825	Ant1	-35.8	-27	Pass
NVNT	ac40	5755	Ant1	-35.35	-27	Pass
NVNT	ac40	5795	Ant1	-35.52	-27	Pass
NVNT	ac80	5775	Ant1	-35.63	-27	Pass

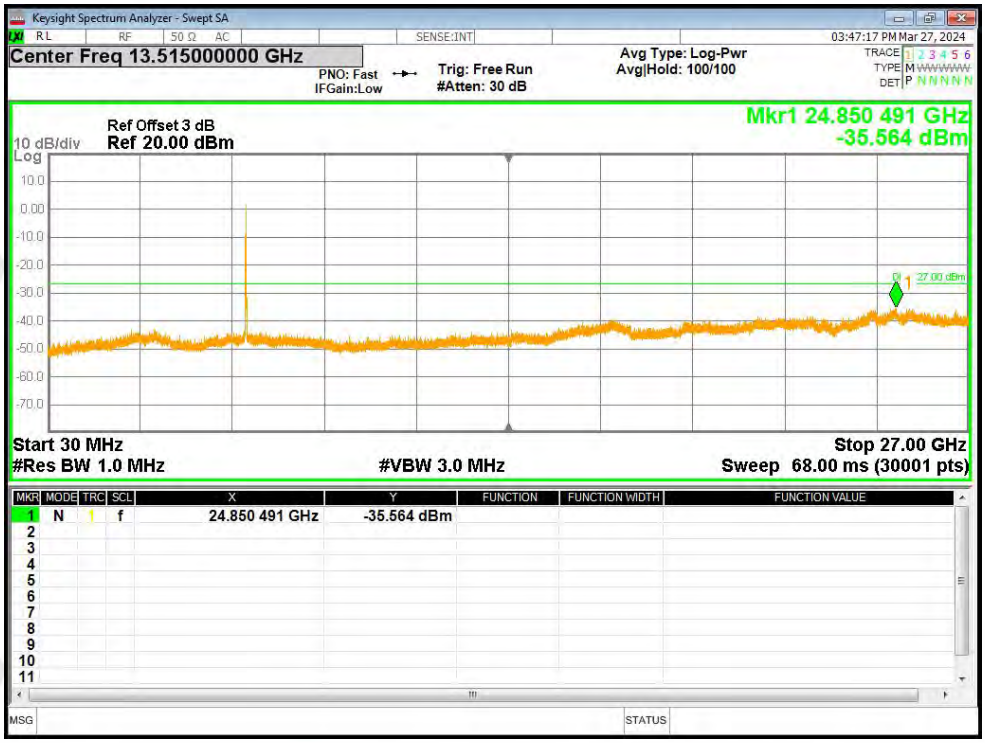
Test Graphs

Tx. Spurious NVNT a 5745MHz Ant1 Emission

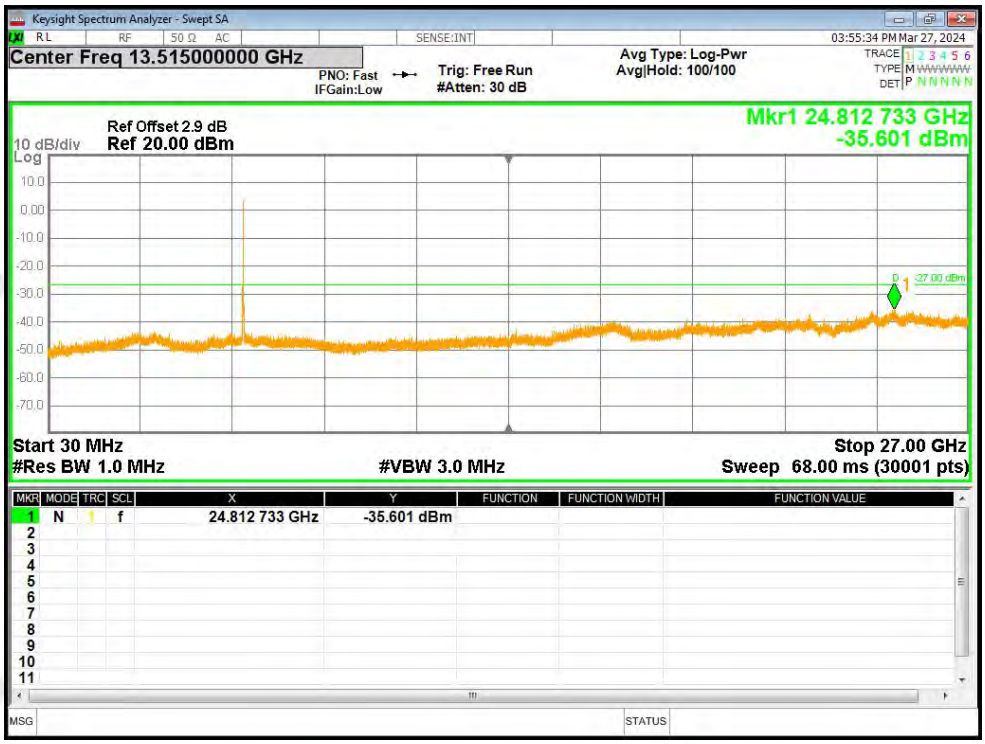


Tx. Spurious NVNT a 5785MHz Ant1 Emission

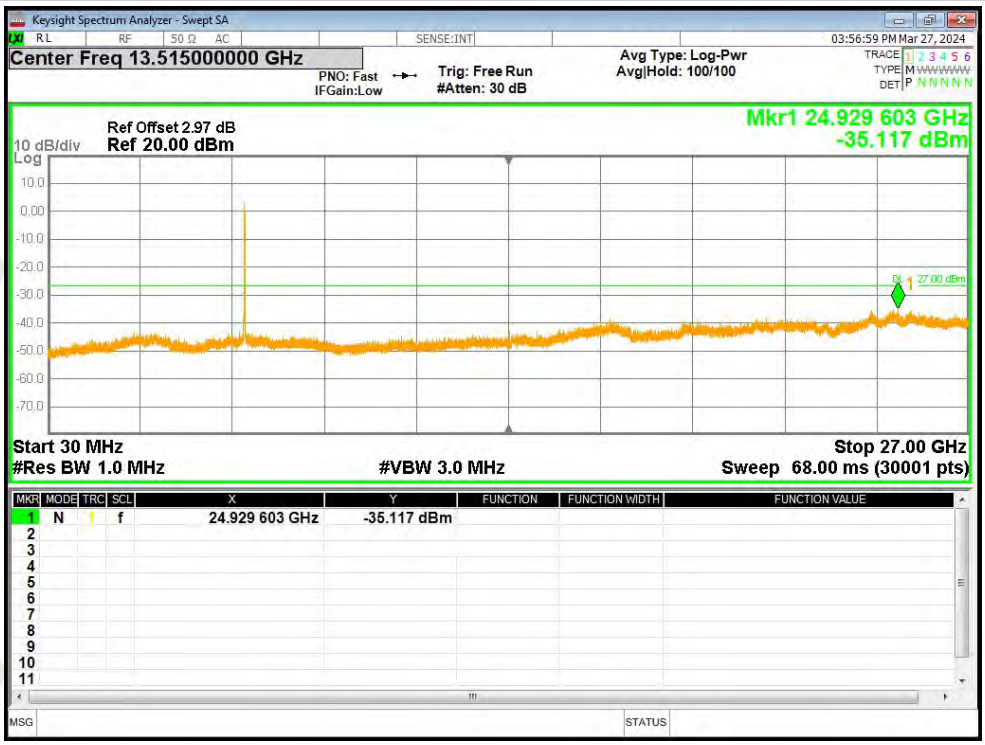
Tx. Spurious NVNT a 5825MHz Ant1 Emission



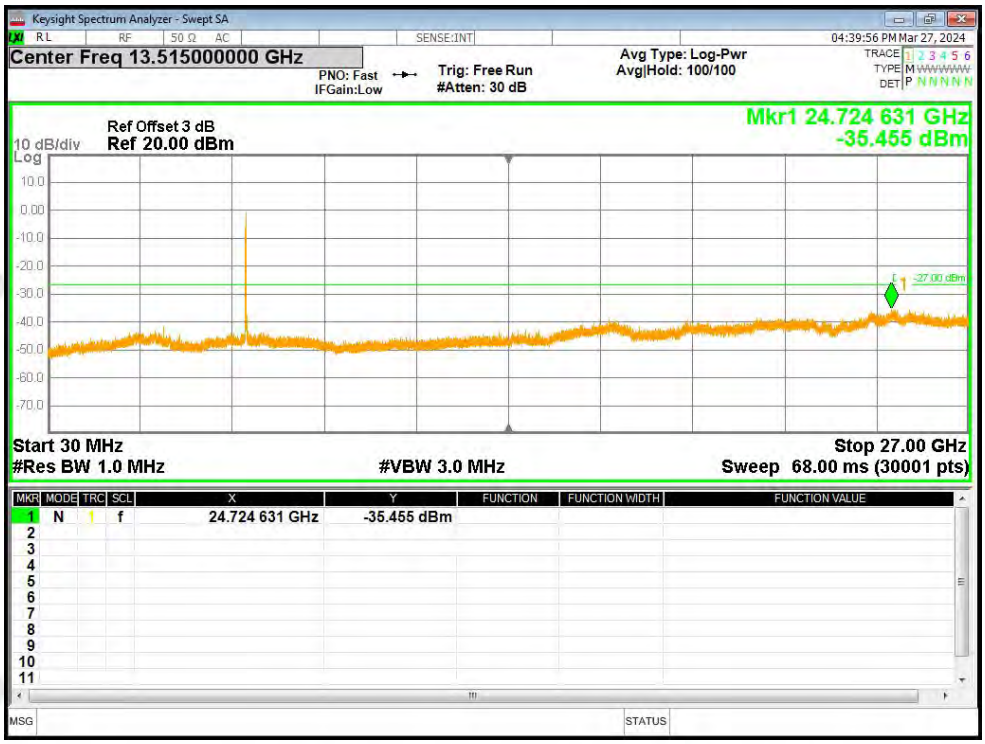
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



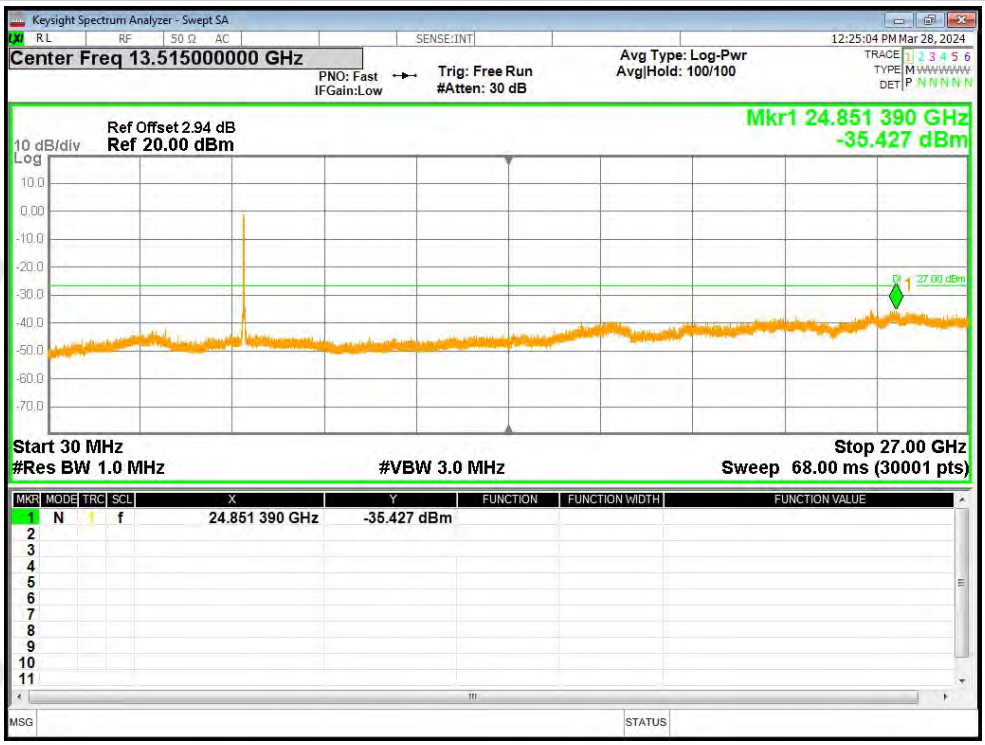
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



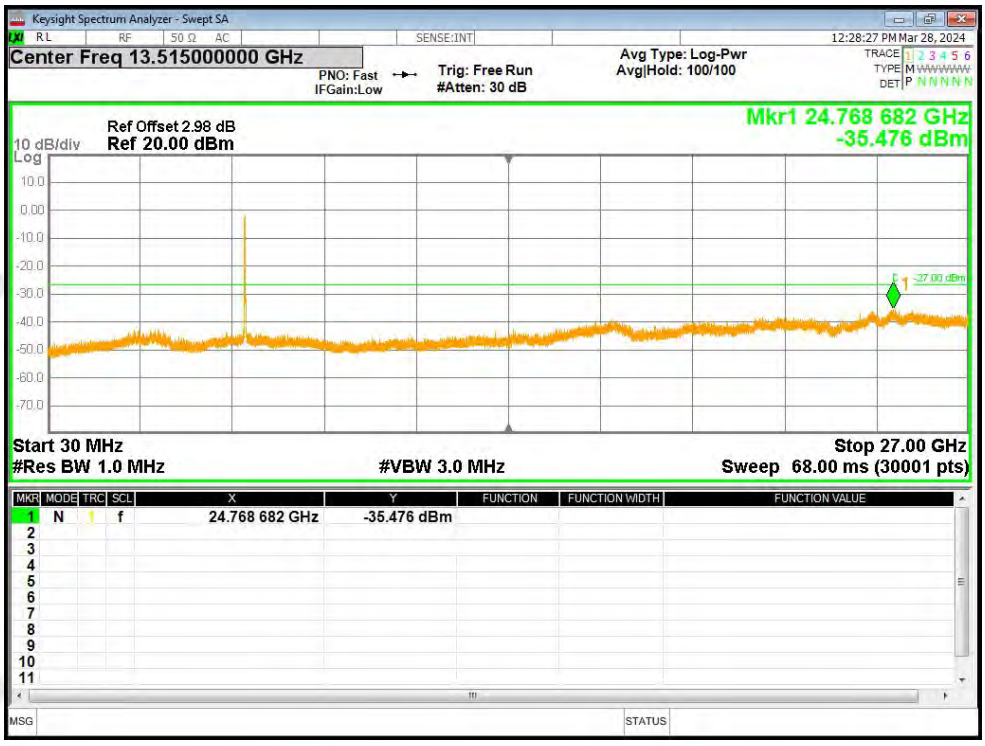
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



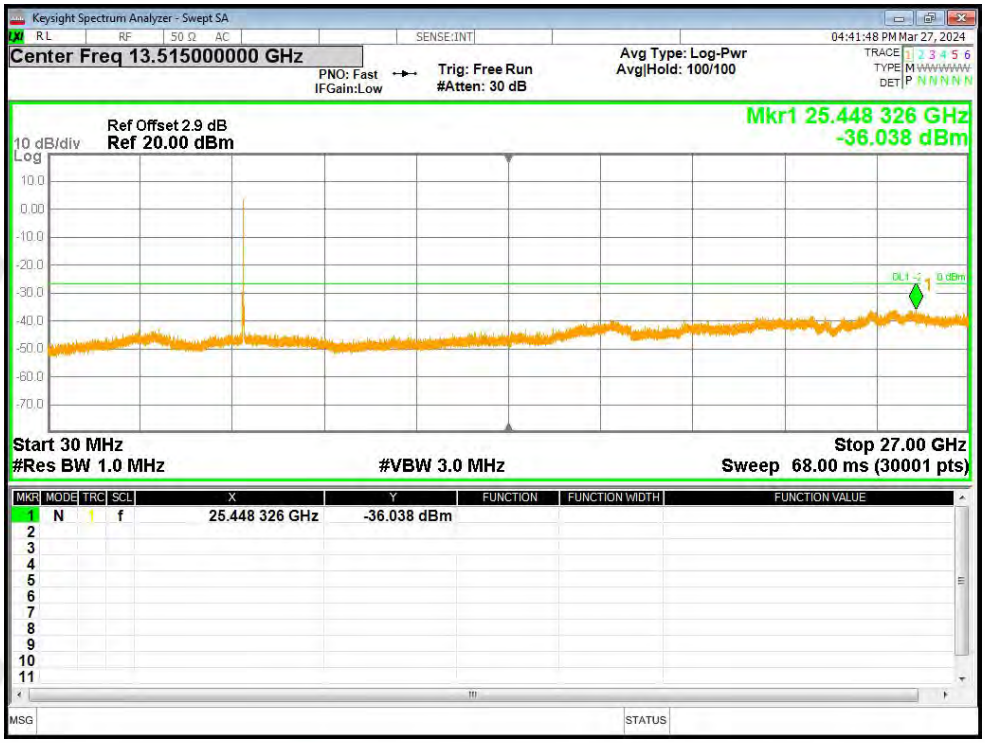
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



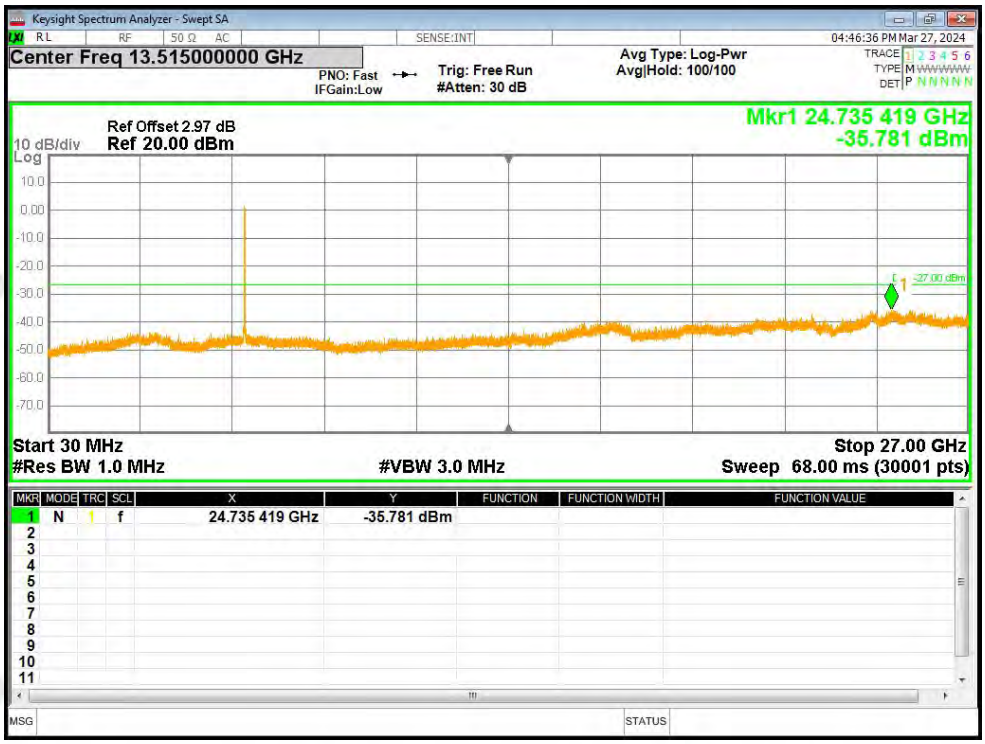
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



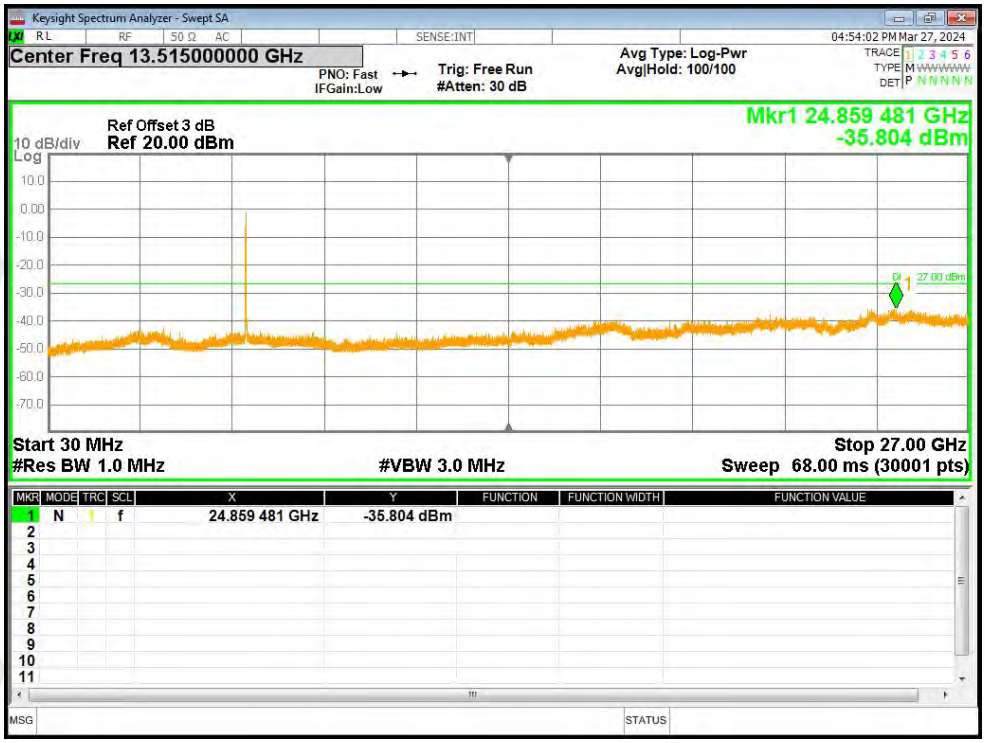
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



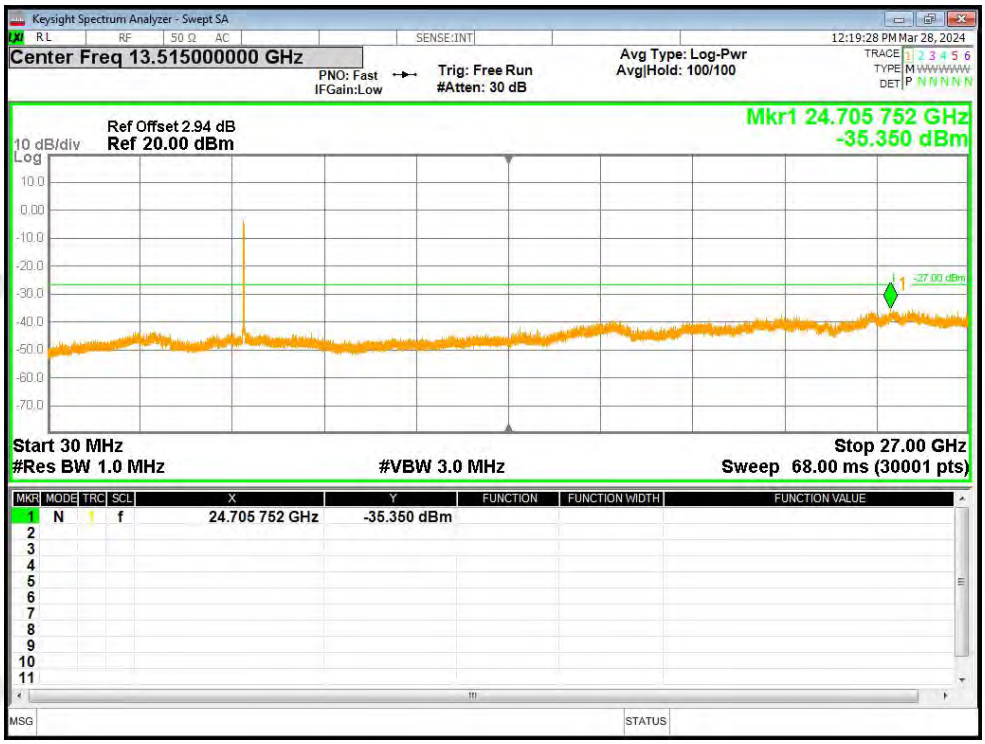
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



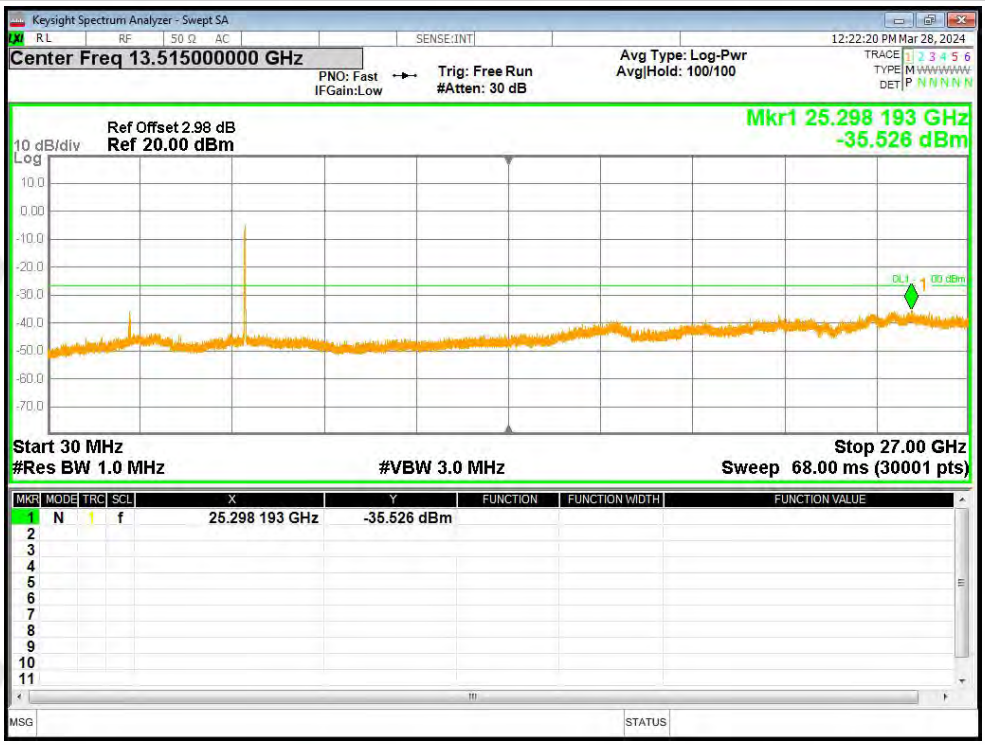
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission