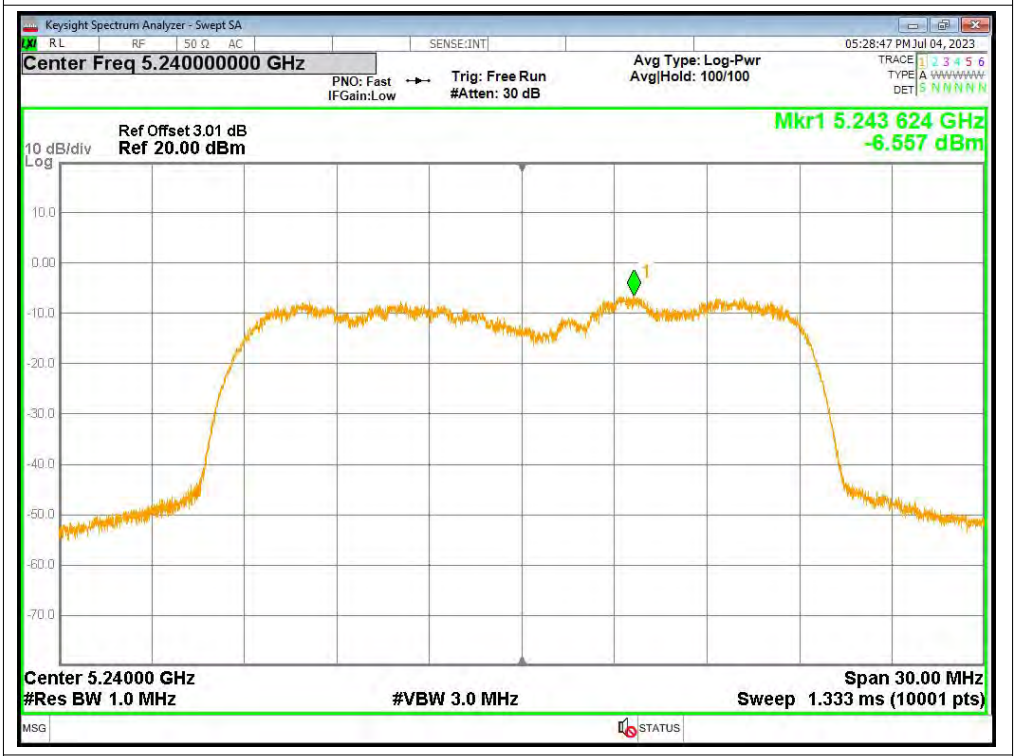
PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1

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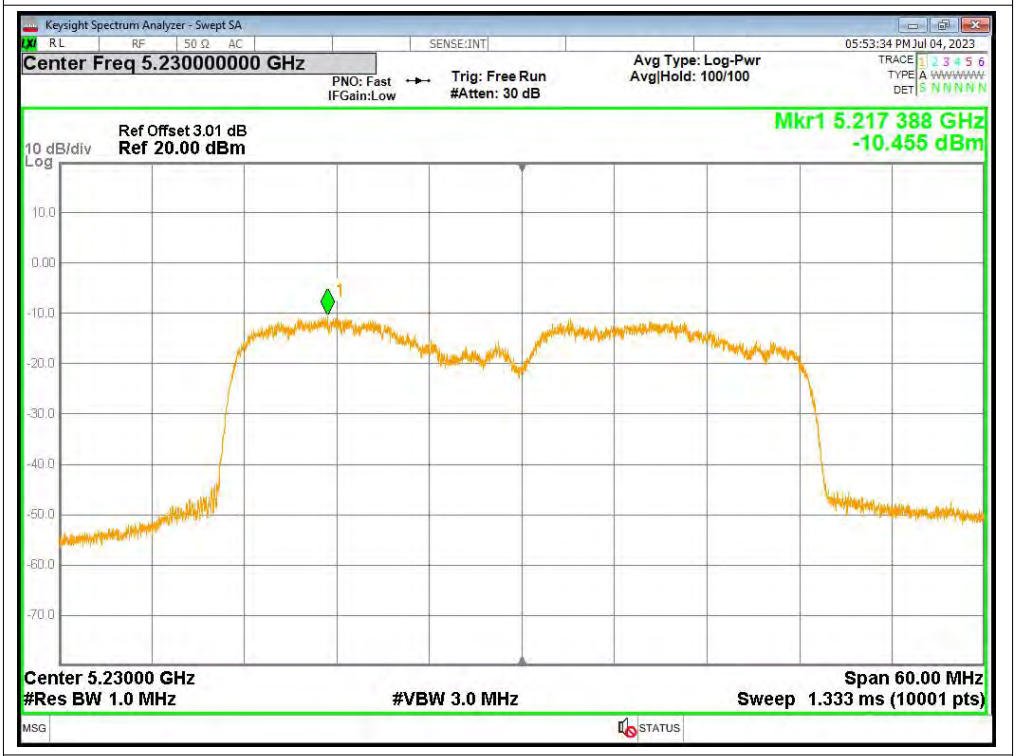
PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1

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A.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-45.49	-27	Pass
NVNT	a	5240	Ant1	-46.27	-27	Pass
NVNT	n20	5180	Ant1	-45.39	-27	Pass
NVNT	n20	5240	Ant1	-45.48	-27	Pass
NVNT	n40	5190	Ant1	-35.56	-27	Pass
NVNT	n40	5230	Ant1	-45.88	-27	Pass
NVNT	ac20	5180	Ant1	-46.85	-27	Pass
NVNT	ac20	5240	Ant1	-45.87	-27	Pass
NVNT	ac40	5190	Ant1	-37.15	-27	Pass
NVNT	ac40	5230	Ant1	-45.7	-27	Pass

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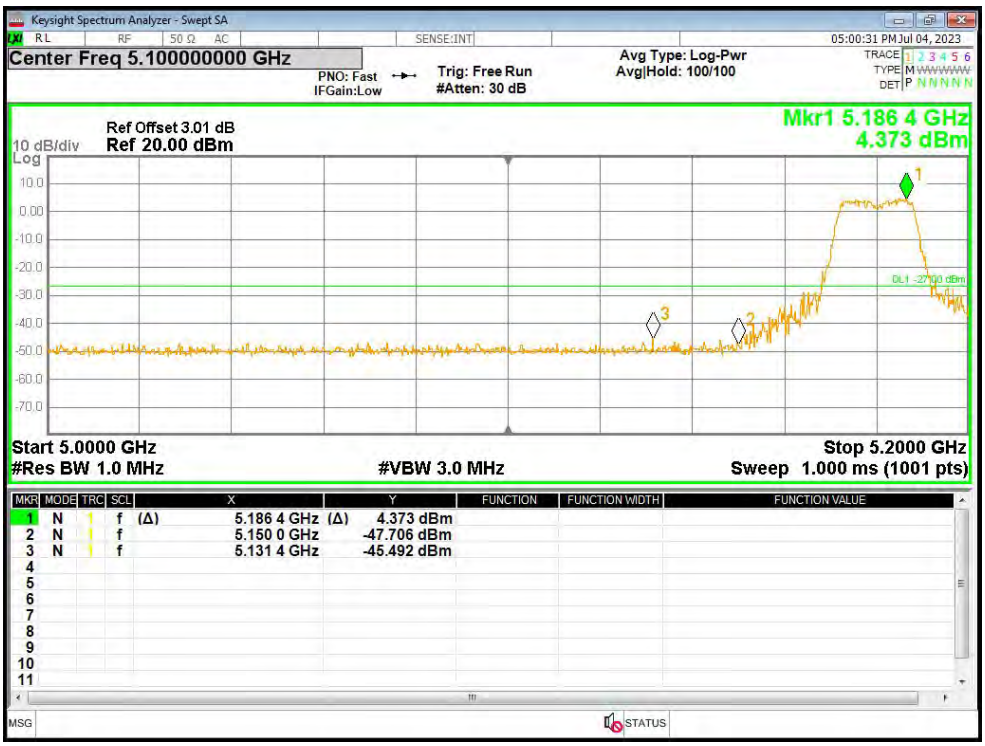
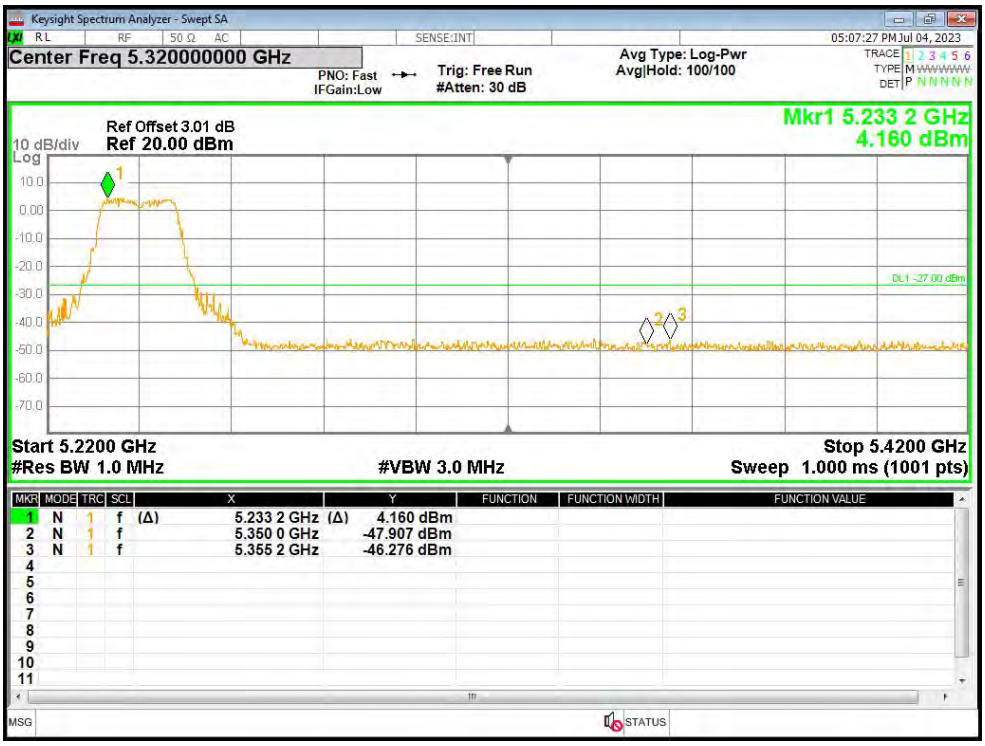
Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1



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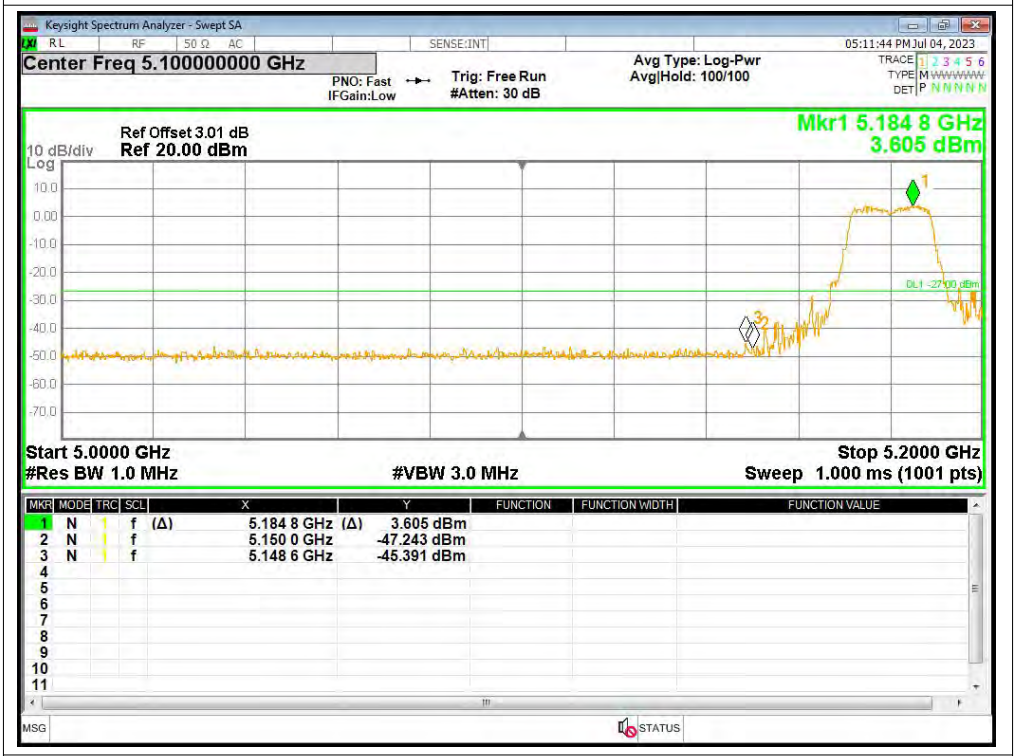
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1

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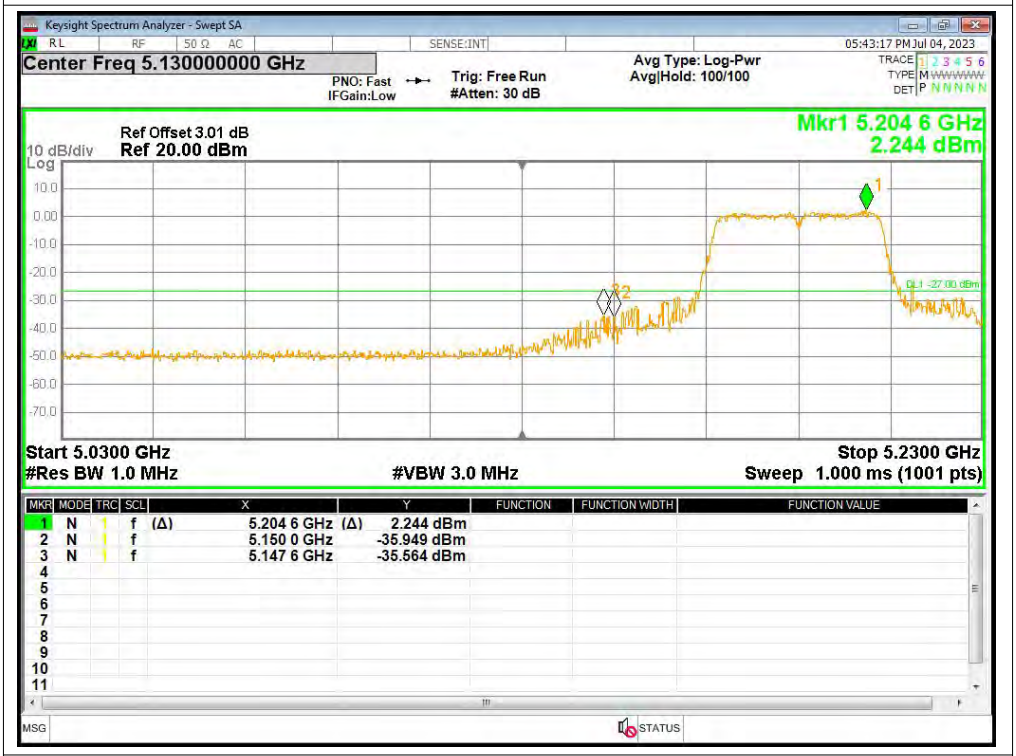
Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1

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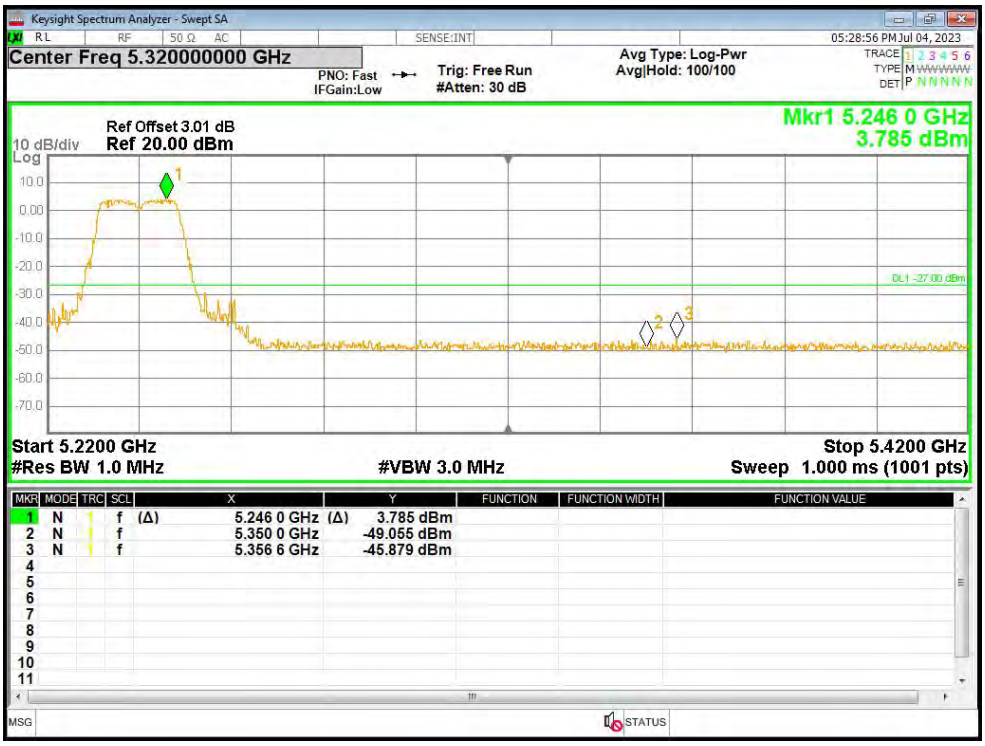
Band Edge NVNT ac20 5180MHz Low Ant1

Band Edge NVNT ac20 5240MHz High Ant1



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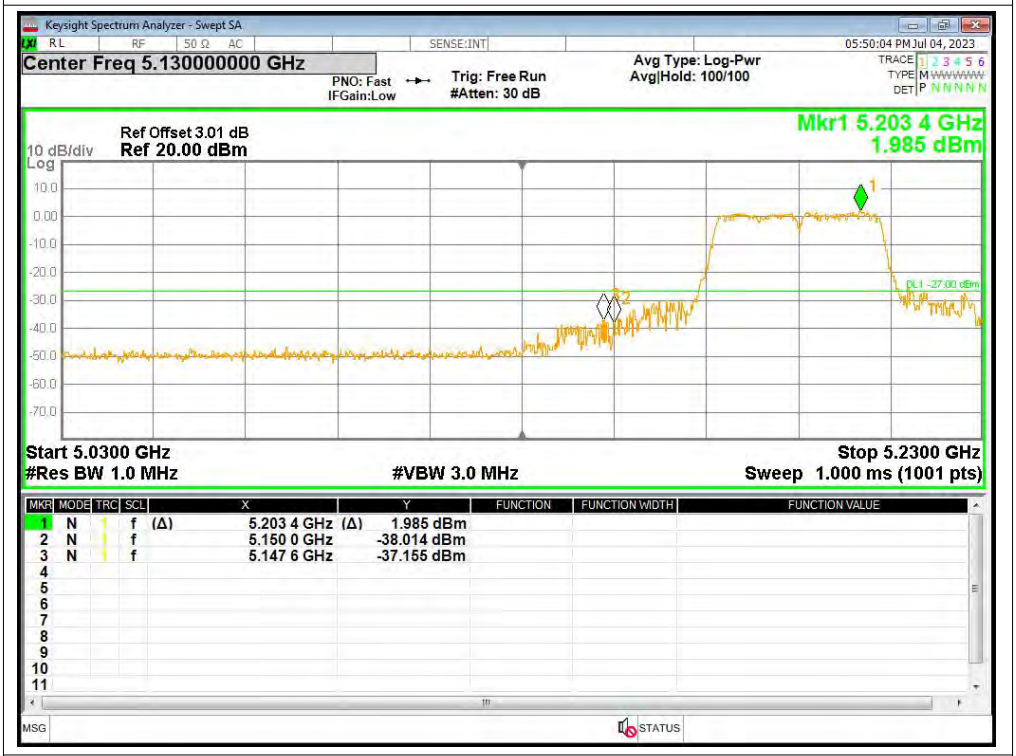
Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1

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A.7 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	5200	0	0	25	Pass
NVNT	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5200	Ant1	5200	0	0	25	Pass
NVNT	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ac20	5180	Ant1	5180.02	20000	3.86	25	Pass
NVNT	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
NVNT	ac80	5210	Ant1	5210	0	0	25	Pass

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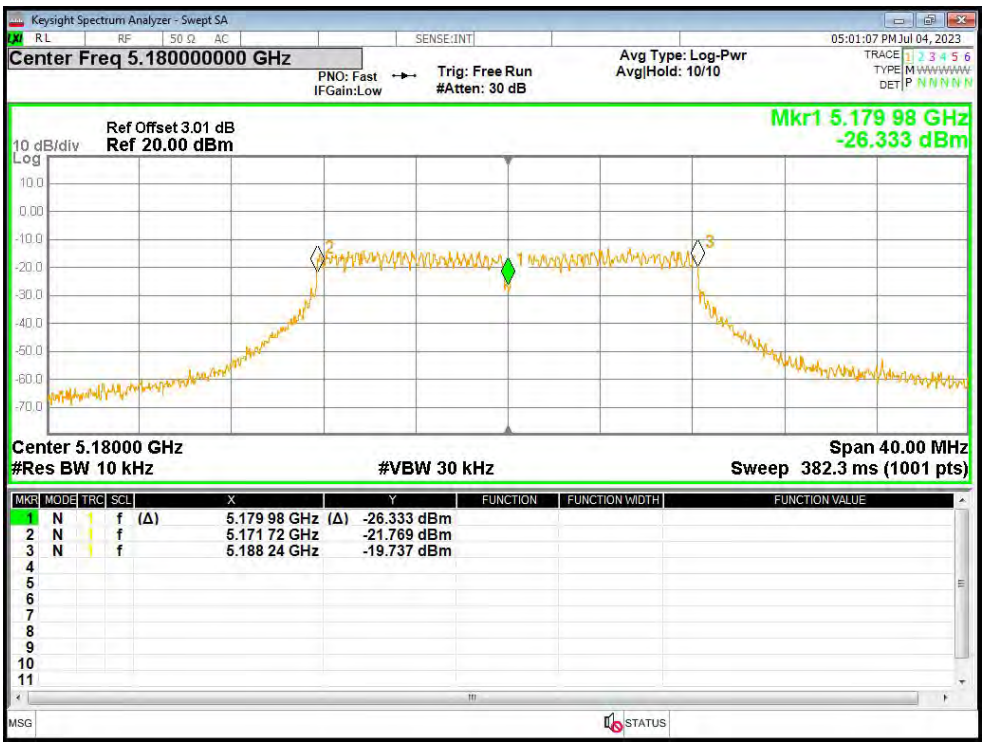
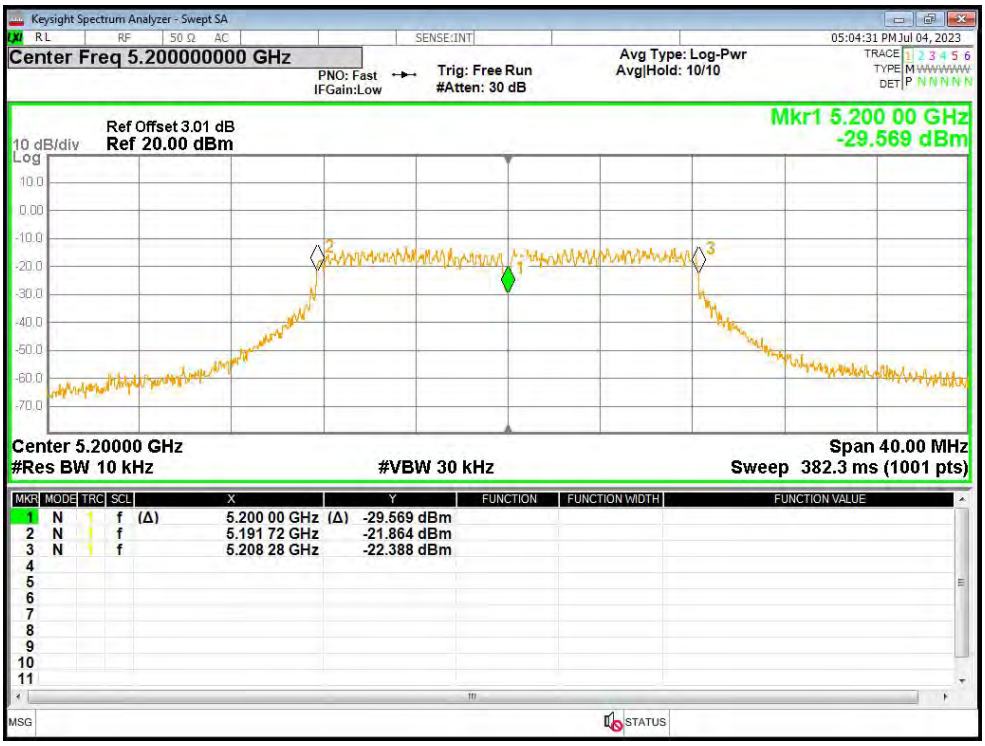
Test Graphs

Freq. Stability NVNT a 5180MHz Ant1



Freq. Stability NVNT a 5200MHz Ant1



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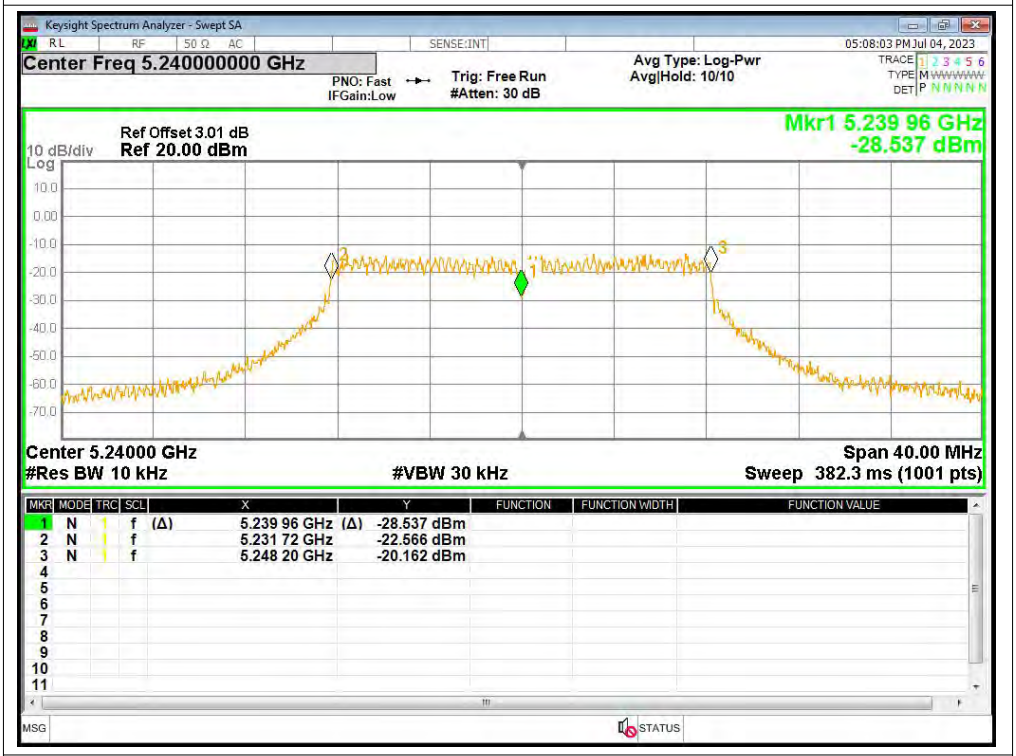
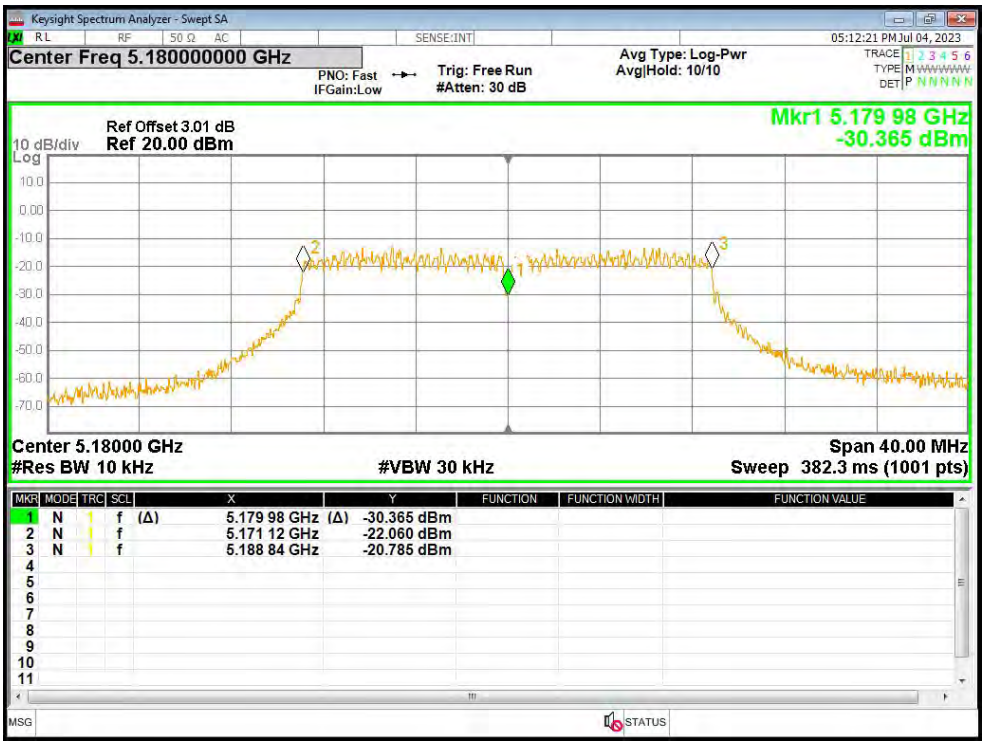
Freq. Stability NVNT a 5240MHz Ant1



Freq. Stability NVNT n20 5180MHz Ant1



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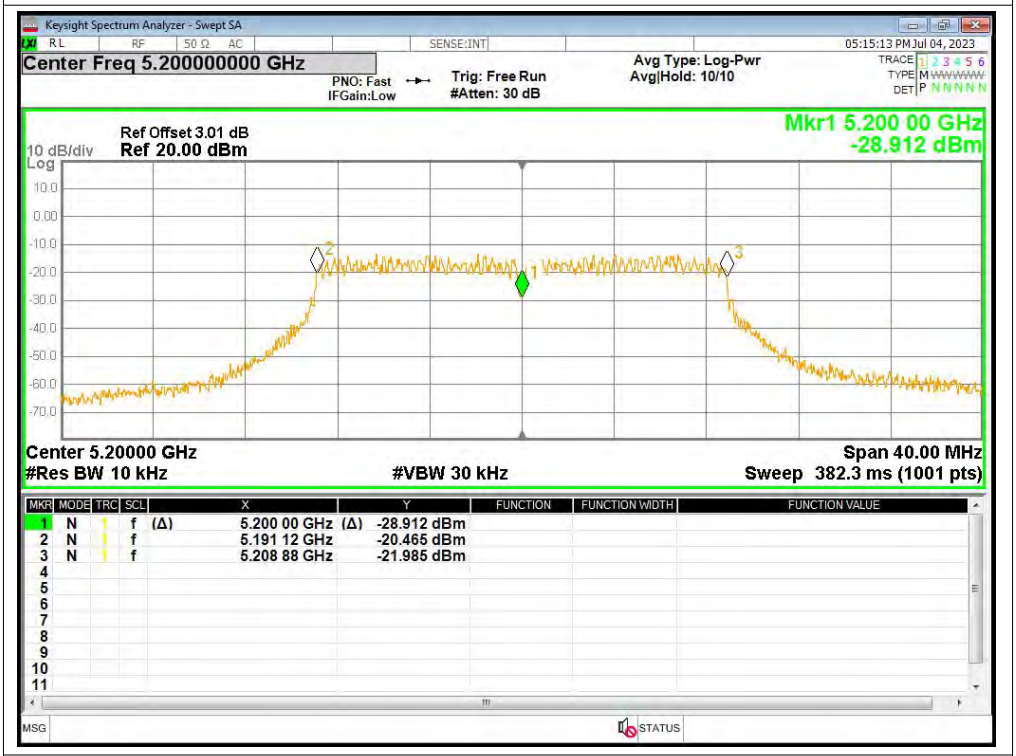
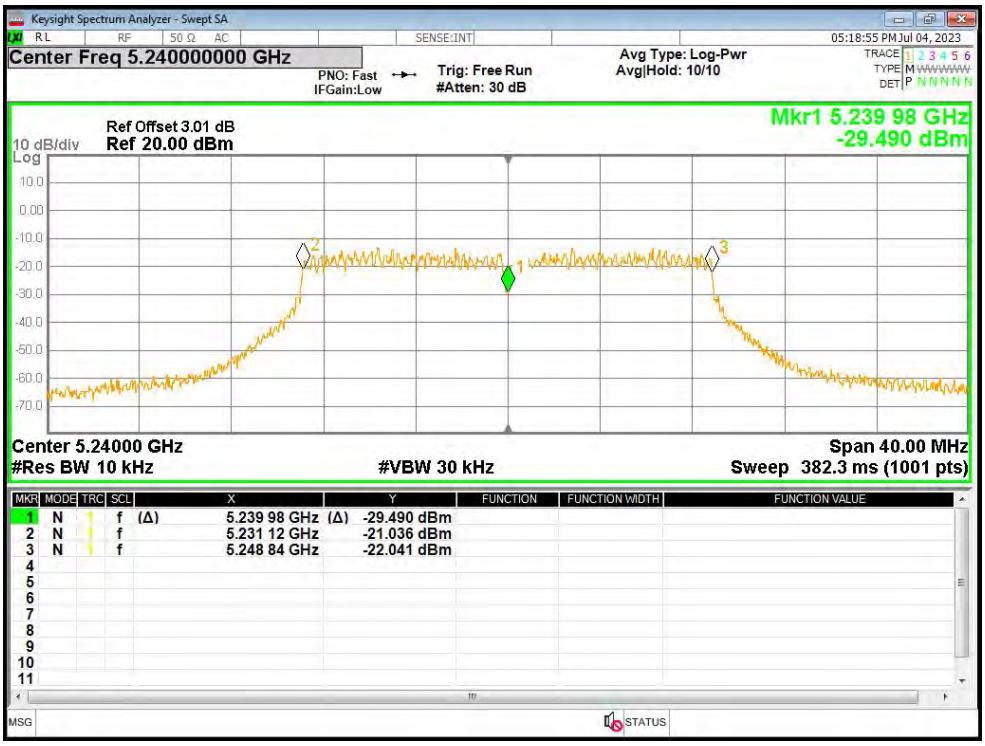
Freq. Stability NVNT n20 5200MHz Ant1



Freq. Stability NVNT n20 5240MHz Ant1



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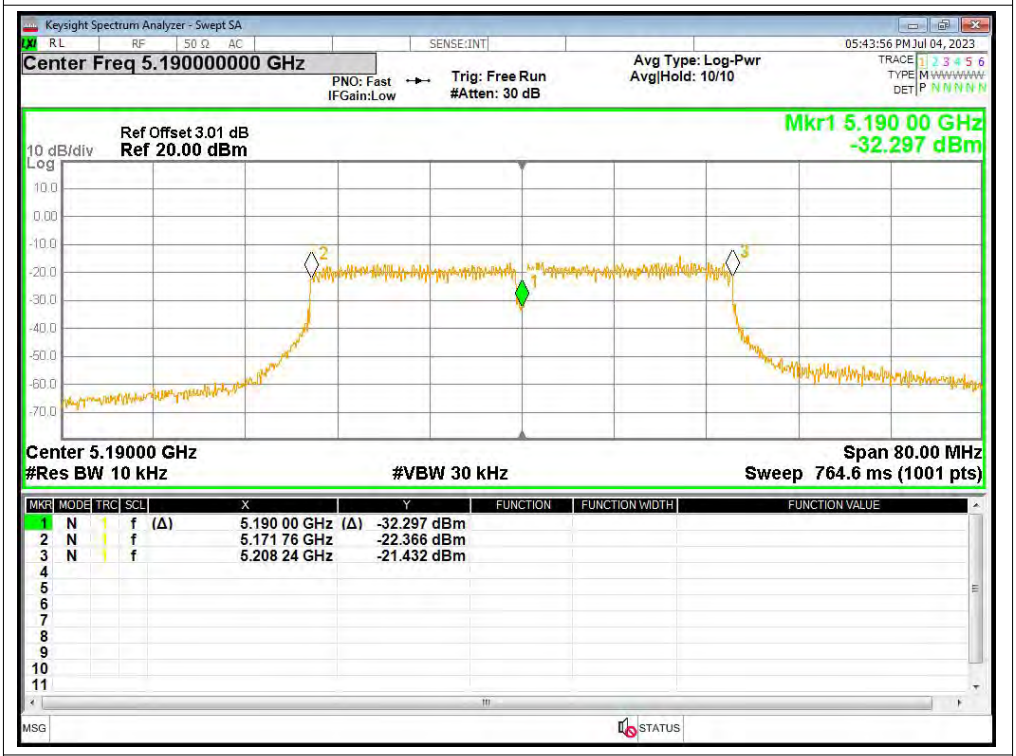
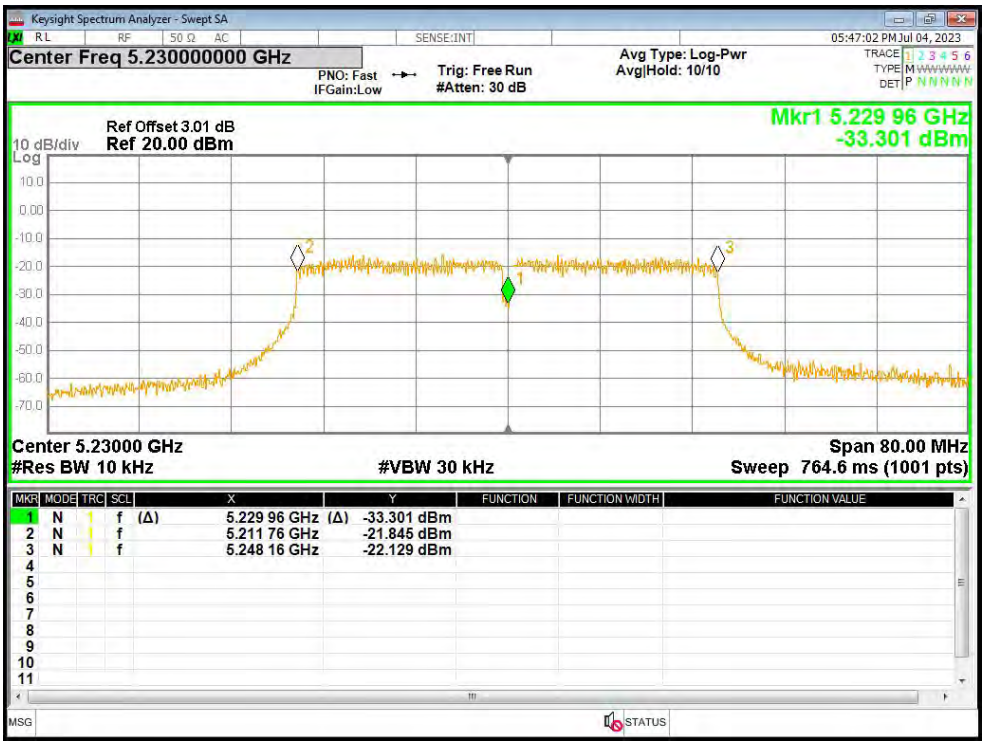
Freq. Stability NVNT n40 5190MHz Ant1



Freq. Stability NVNT n40 5230MHz Ant1



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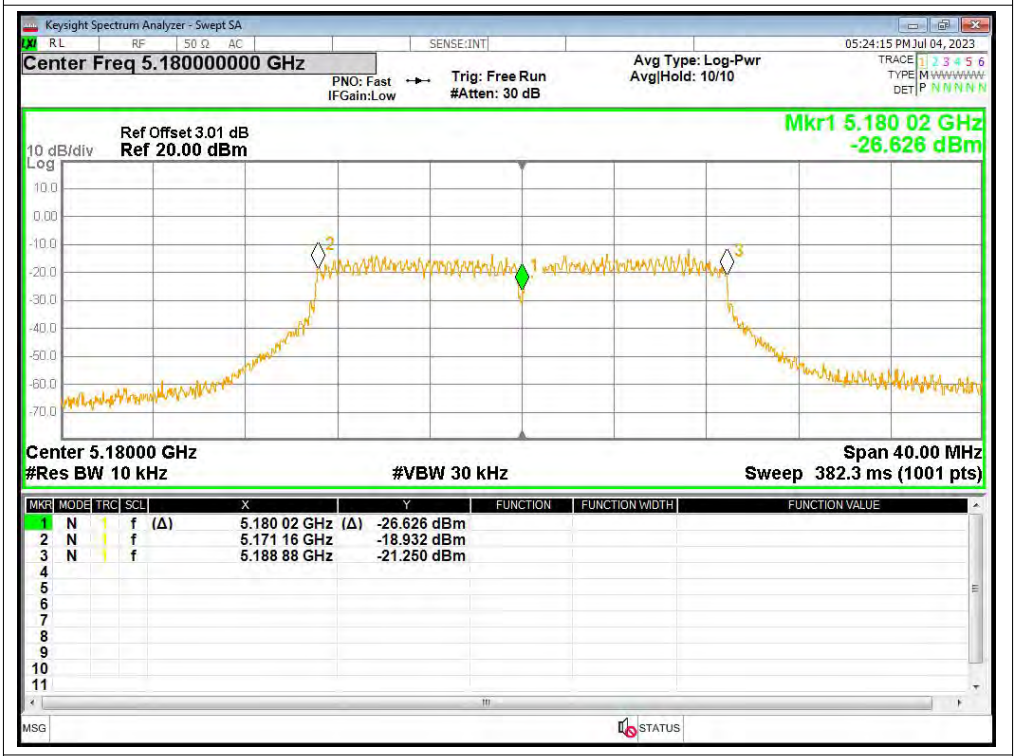
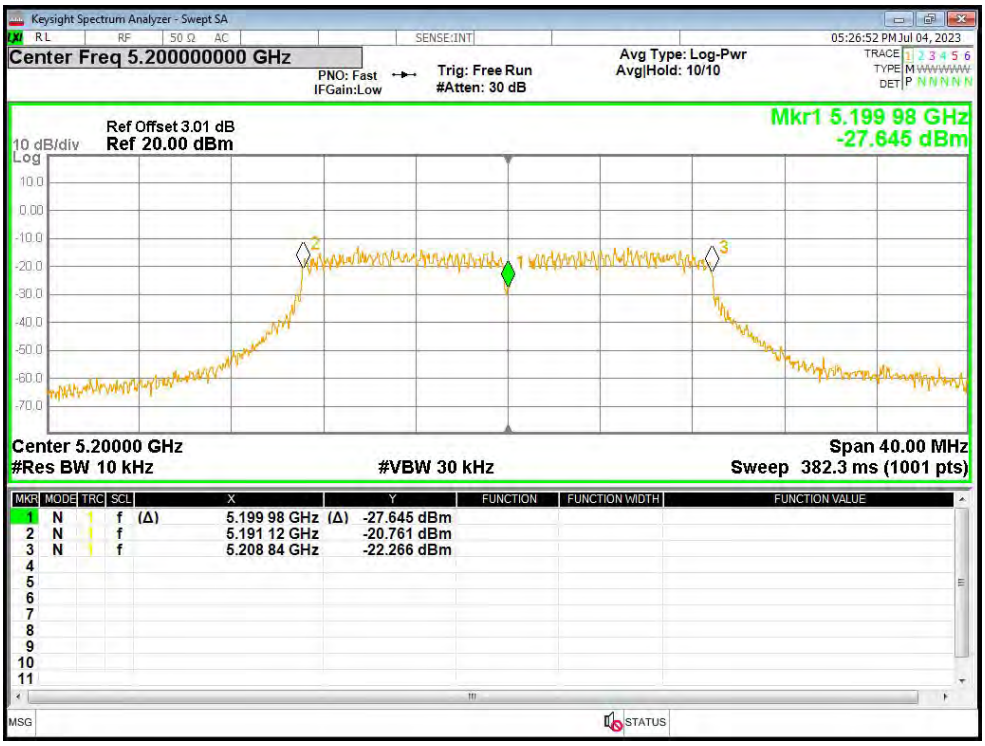
Freq. Stability NVNT ac20 5180MHz Ant1



Freq. Stability NVNT ac20 5200MHz Ant1



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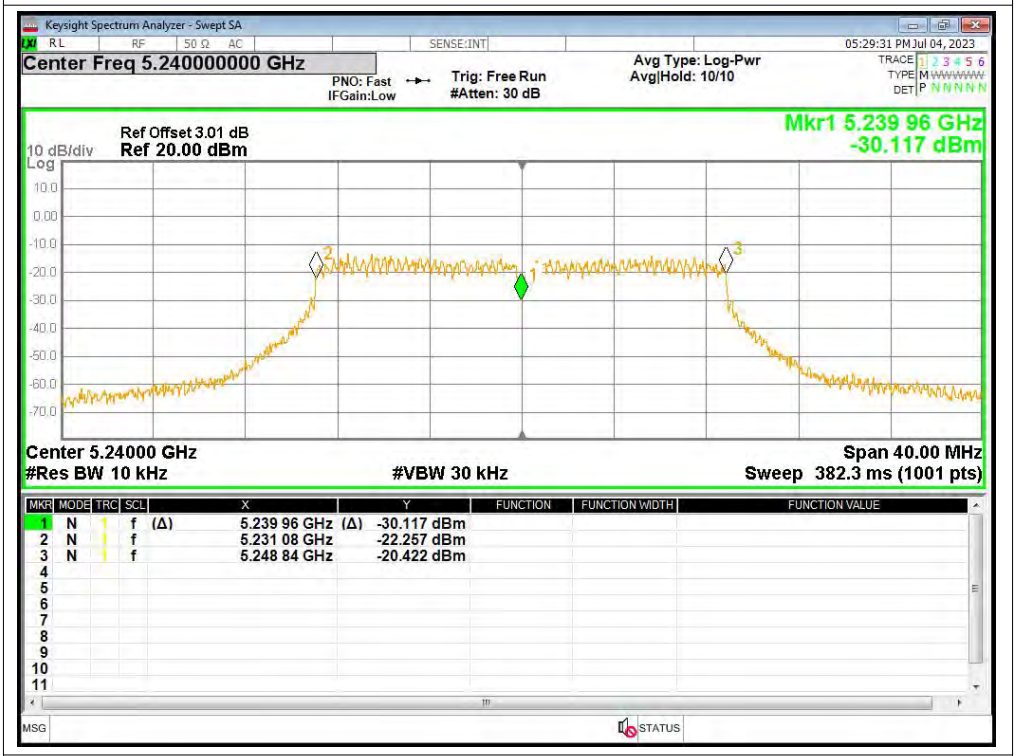
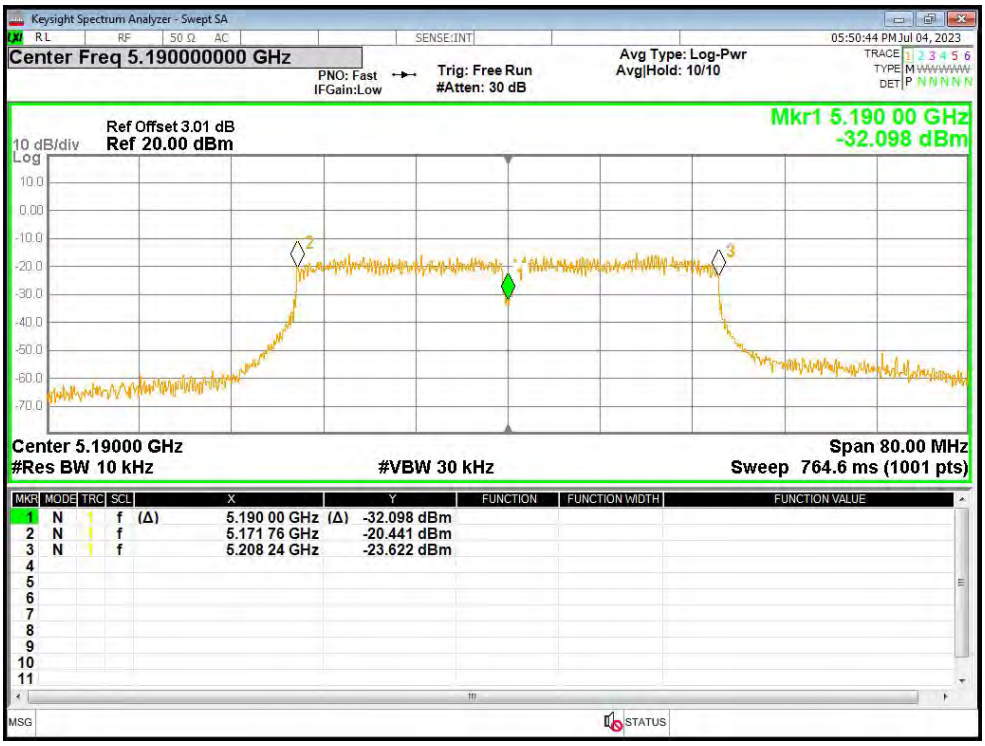
Freq. Stability NVNT ac20 5240MHz Ant1



Freq. Stability NVNT ac40 5190MHz Ant1



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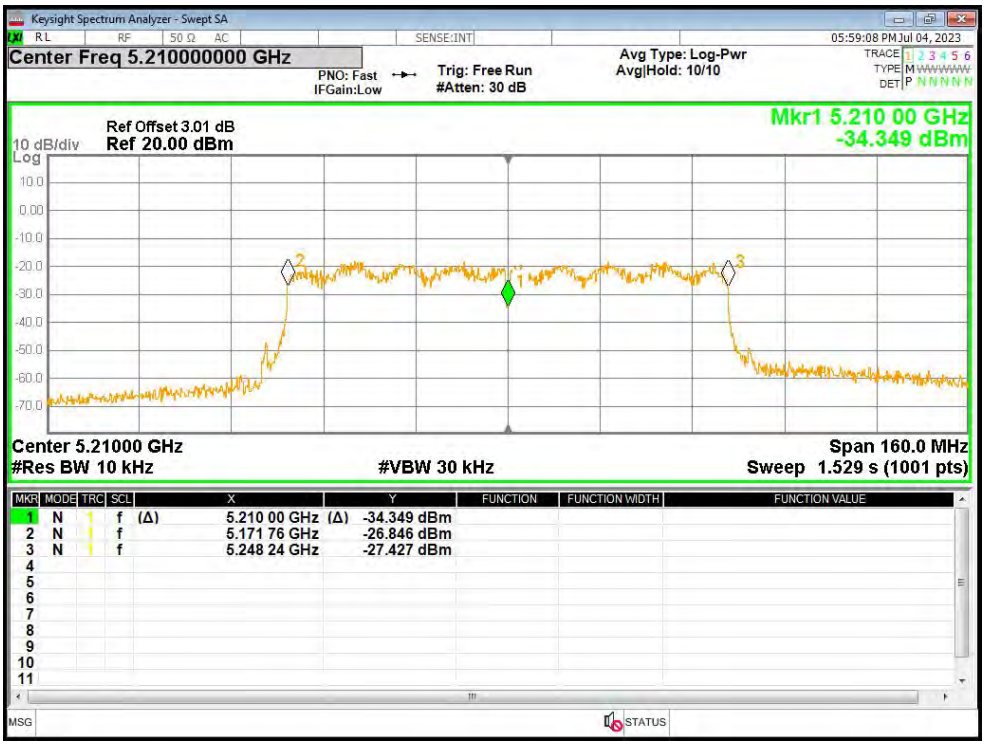
Freq. Stability NVNT ac40 5230MHz Ant1

Freq. Stability NVNT ac80 5210MHz Ant1



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A.8 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.08	-27	Pass
NVNT	a	5200	Ant1	-35.5	-27	Pass
NVNT	a	5240	Ant1	-35.21	-27	Pass
NVNT	n20	5180	Ant1	-35.7	-27	Pass
NVNT	n20	5200	Ant1	-36.24	-27	Pass
NVNT	n20	5240	Ant1	-35.5	-27	Pass
NVNT	n40	5190	Ant1	-36.3	-27	Pass
NVNT	n40	5230	Ant1	-36.15	-27	Pass
NVNT	ac20	5180	Ant1	-34.97	-27	Pass
NVNT	ac20	5200	Ant1	-36.18	-27	Pass
NVNT	ac20	5240	Ant1	-36.06	-27	Pass
NVNT	ac40	5190	Ant1	-36.15	-27	Pass
NVNT	ac40	5230	Ant1	-35.92	-27	Pass
NVNT	ac80	5210	Ant1	-36.21	-27	Pass

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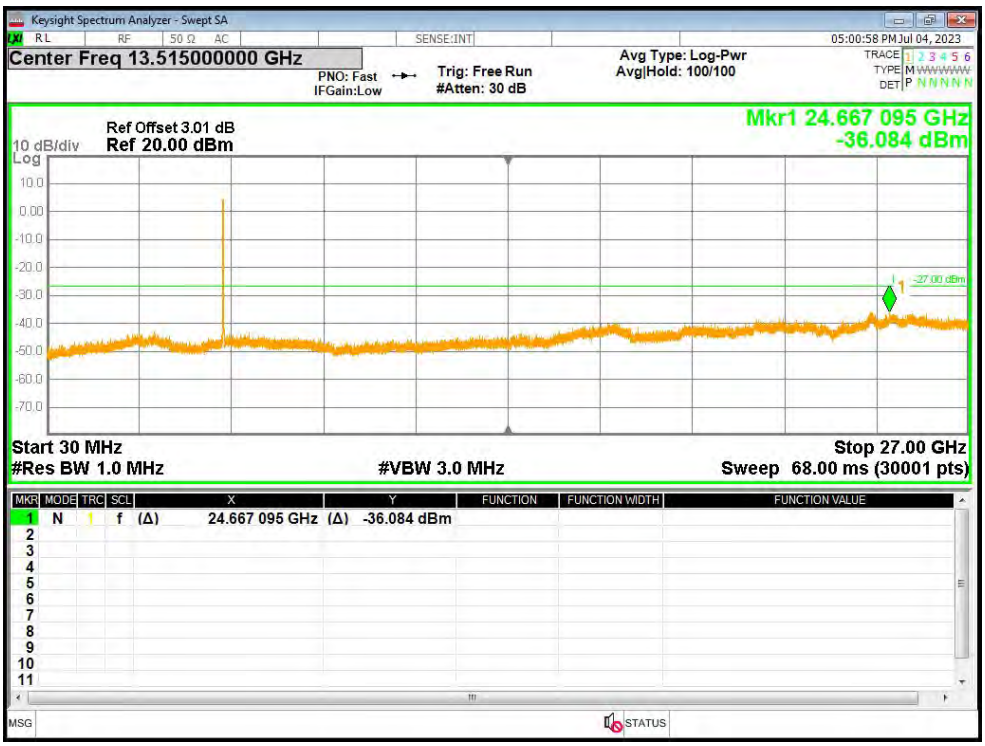
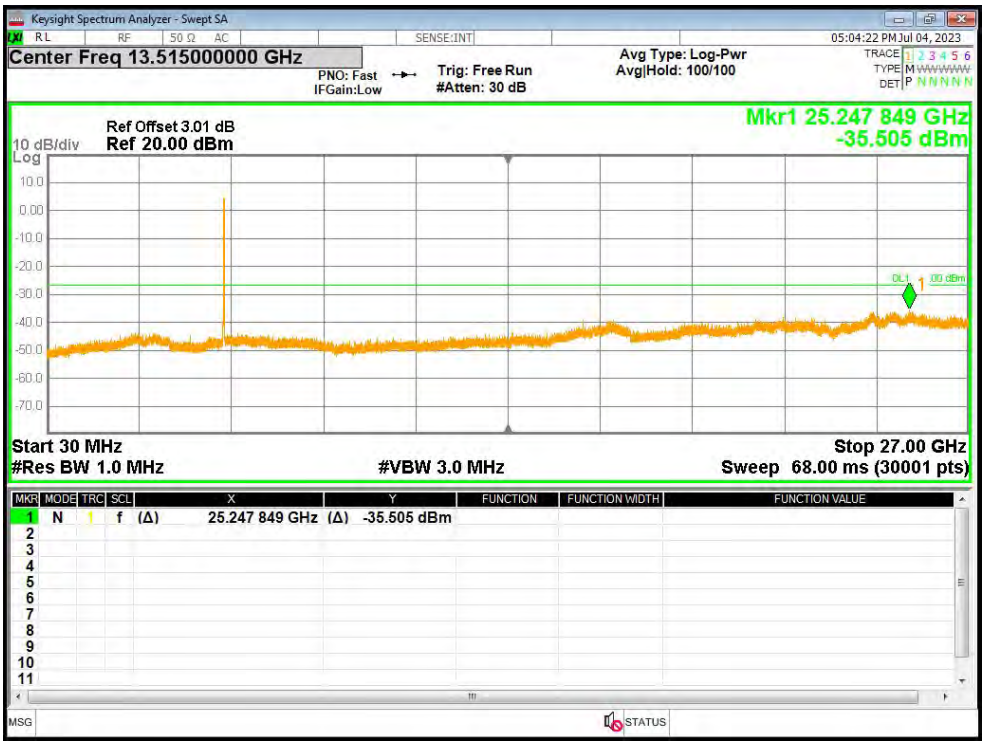
Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission



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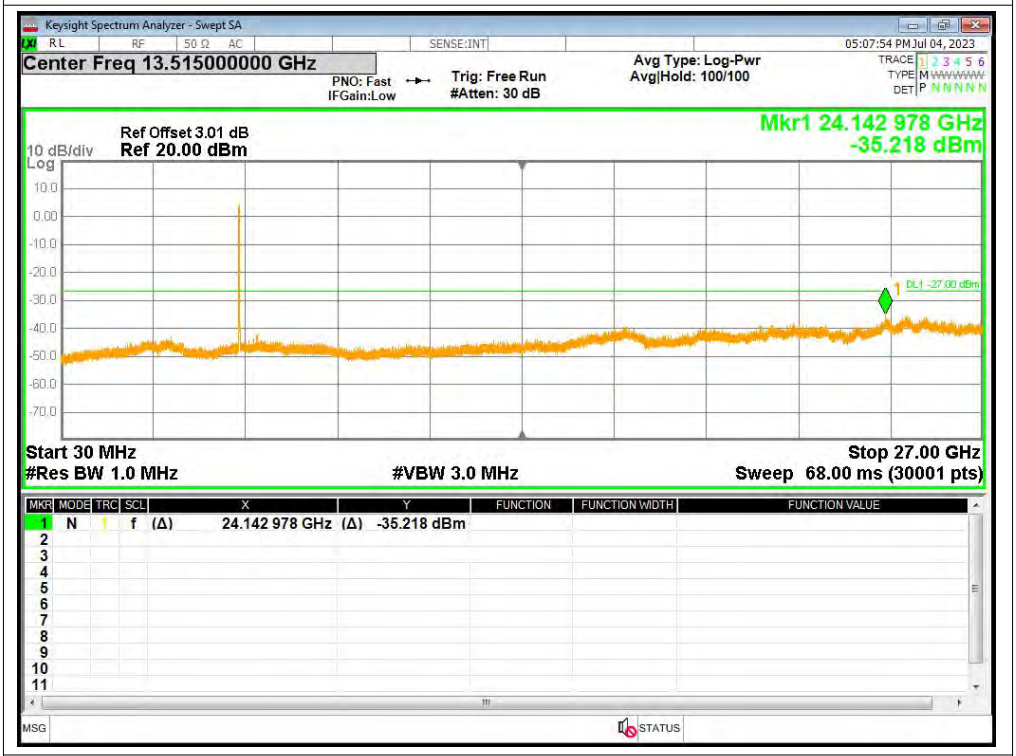
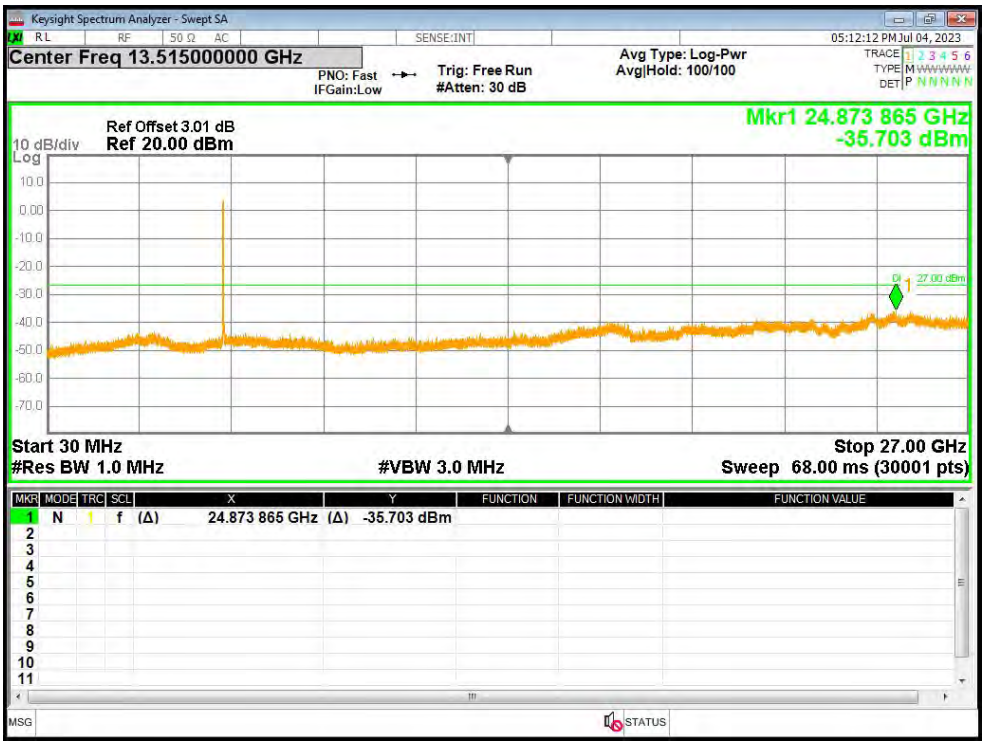
Tx. Spurious NVNT a 5240MHz Ant1 Emission



Tx. Spurious NVNT n20 5180MHz Ant1 Emission



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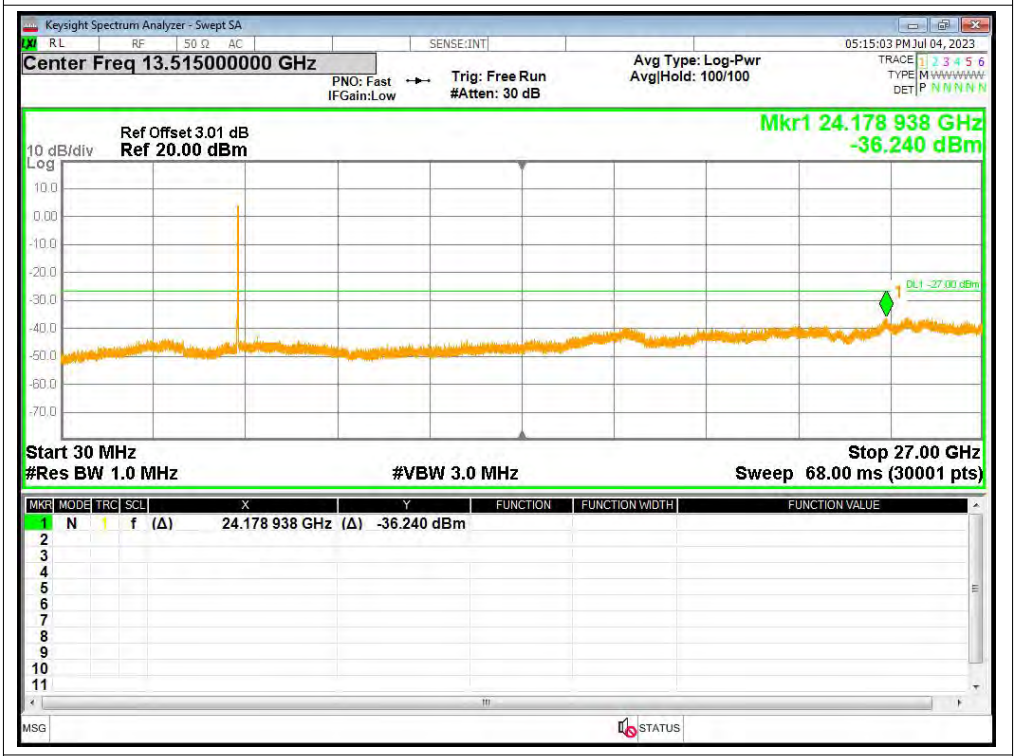
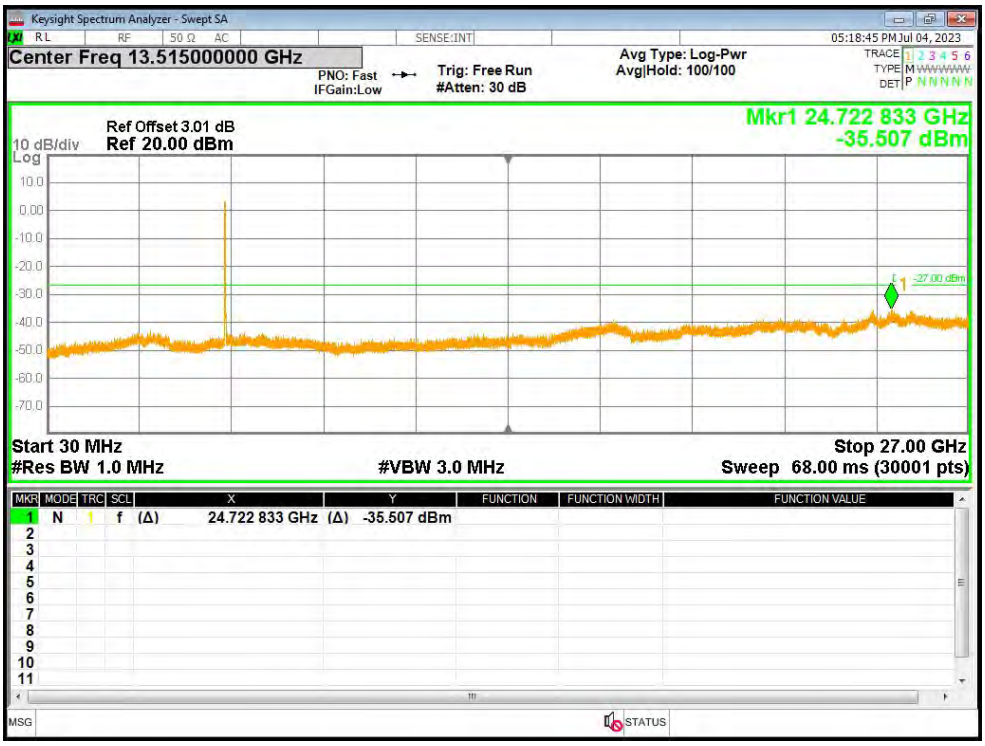
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission



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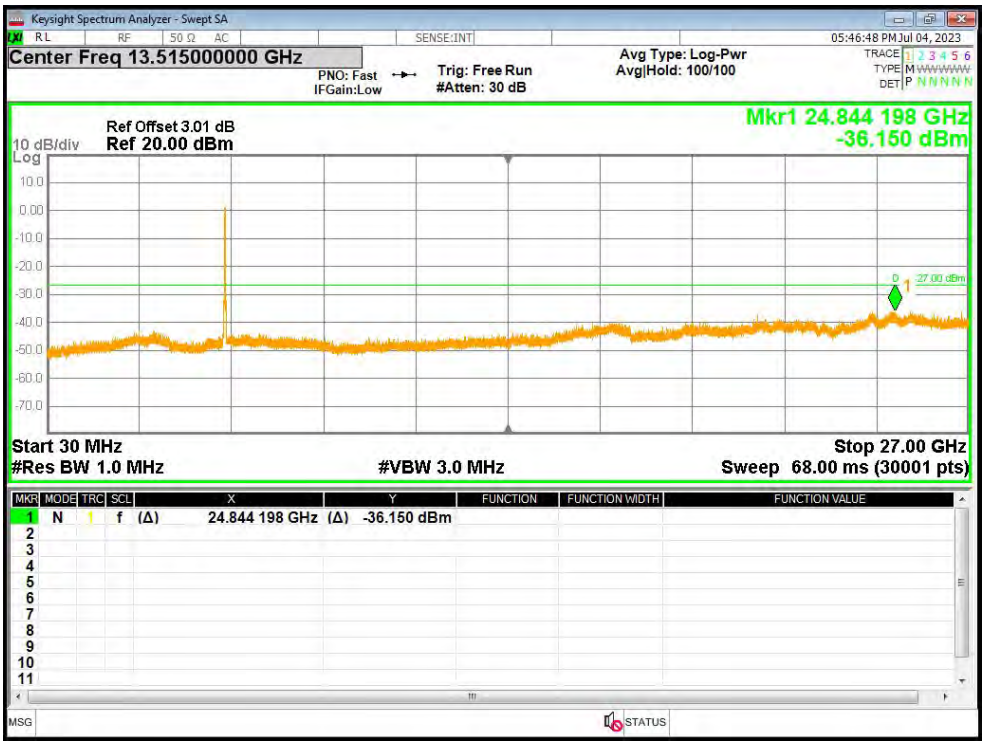
Tx. Spurious NVNT n40 5190MHz Ant1 Emission

Tx. Spurious NVNT n40 5230MHz Ant1 Emission



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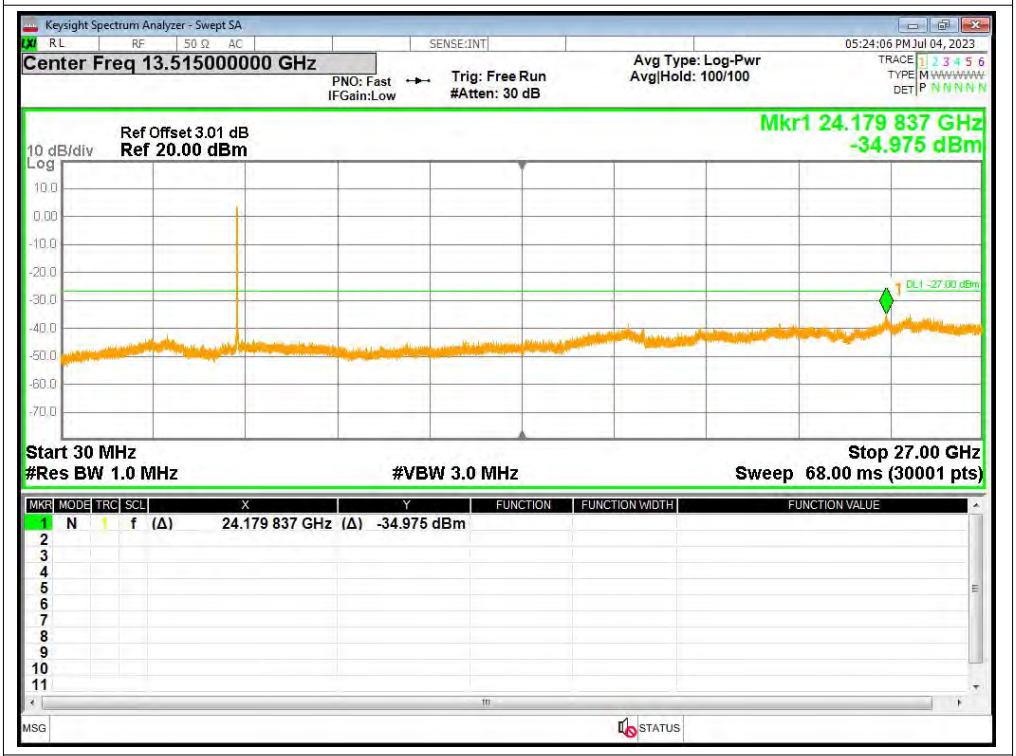
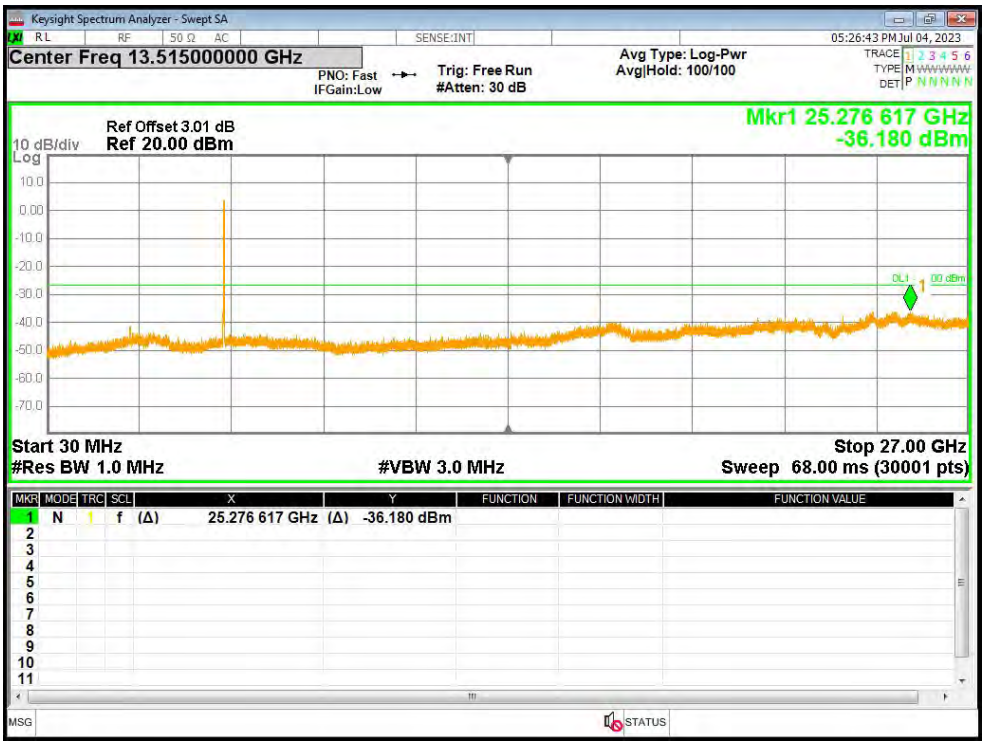
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

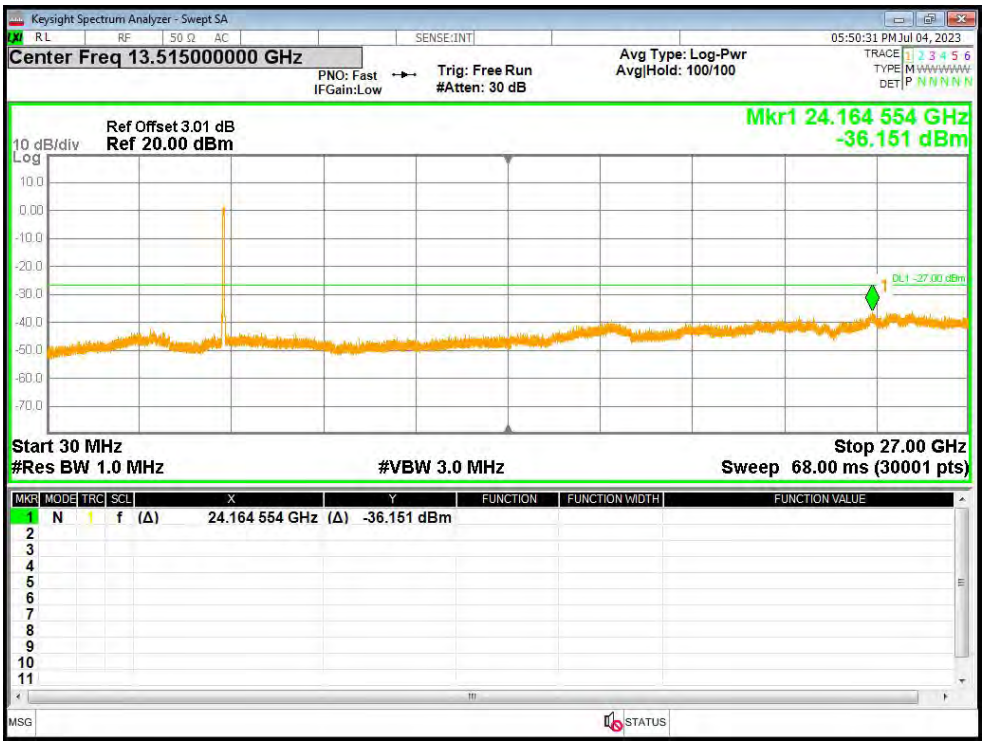


Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



Tx. Spurious NVNT ac20 5240MHz Ant1 Emission

Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



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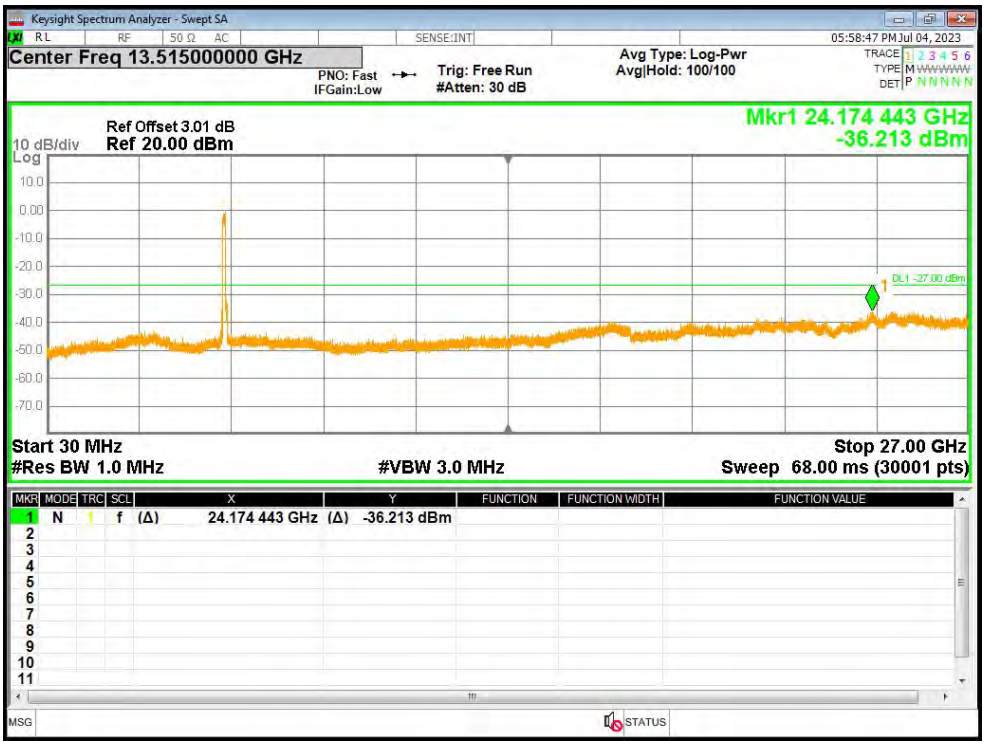
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission

Tx. Spurious NVNT ac80 5210MHz Ant1 Emission