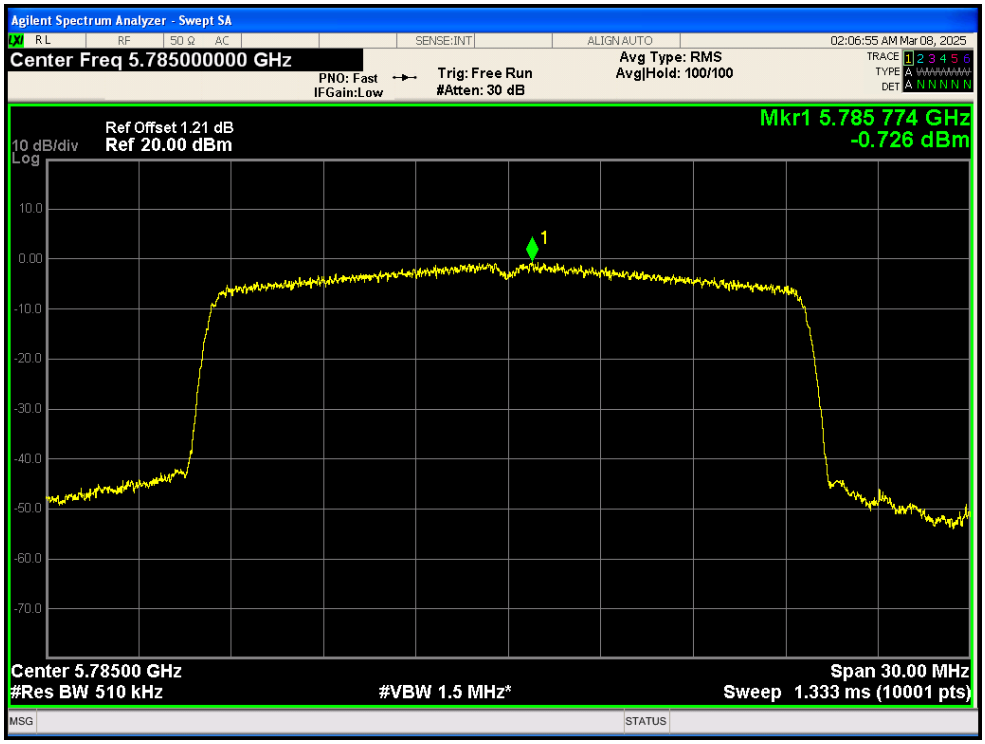
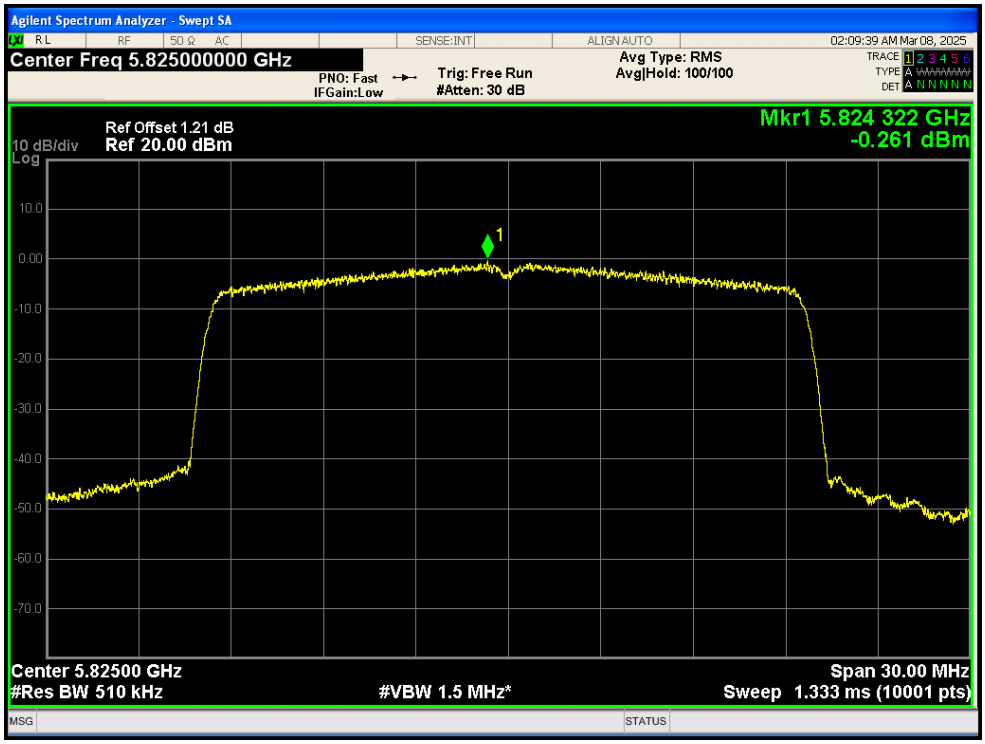
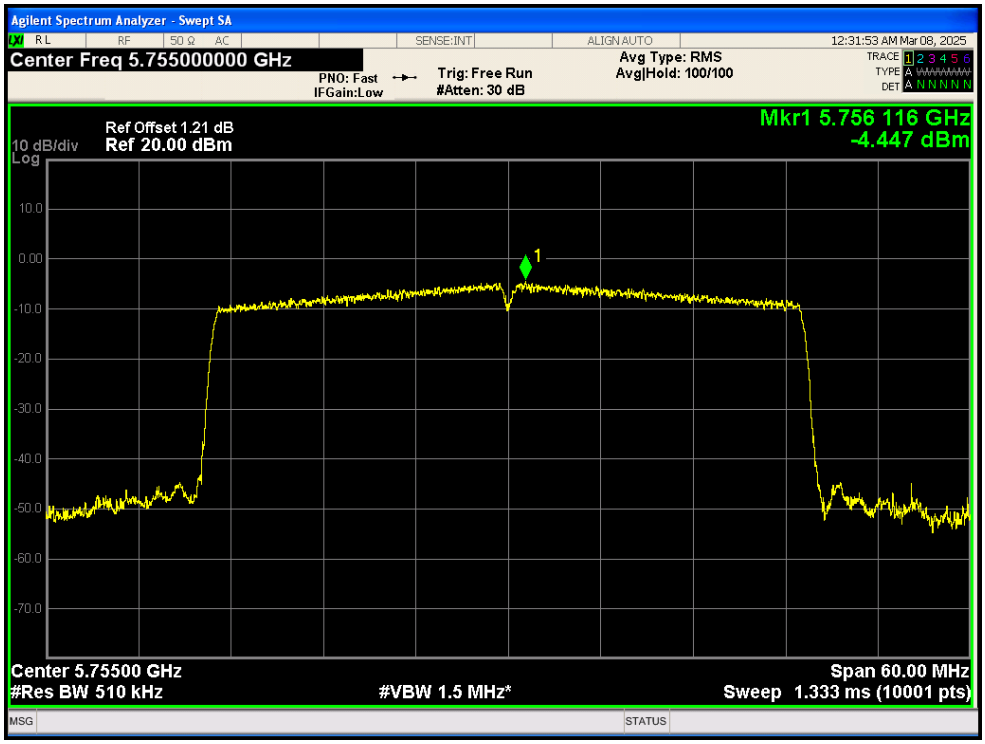


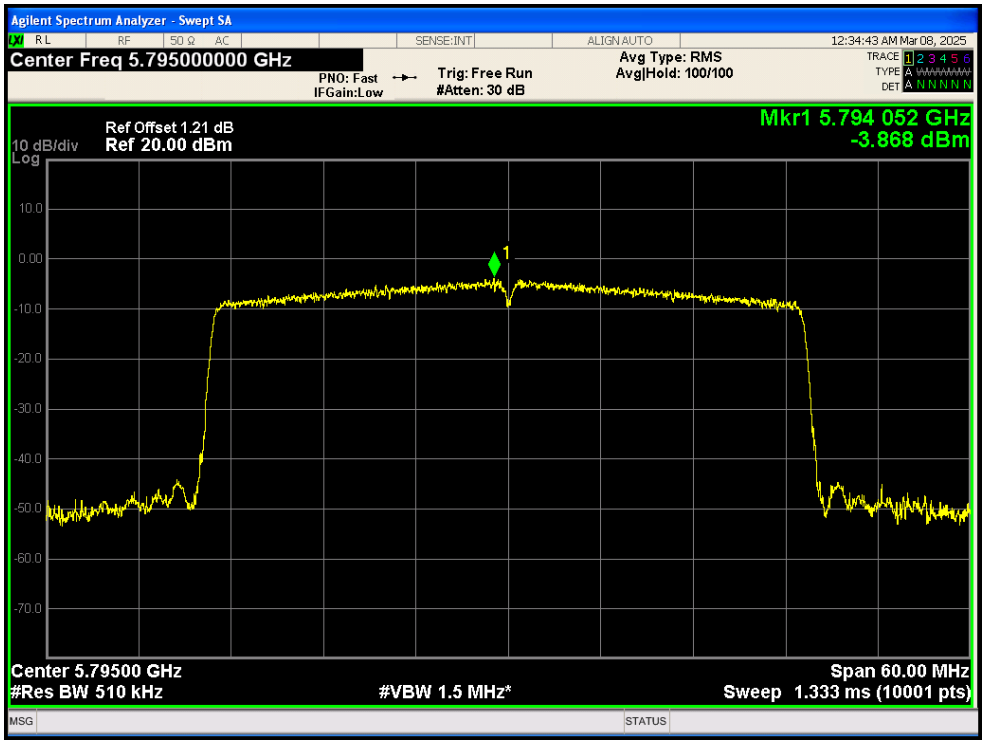
PSD NVNT ax20 5825MHz Ant2



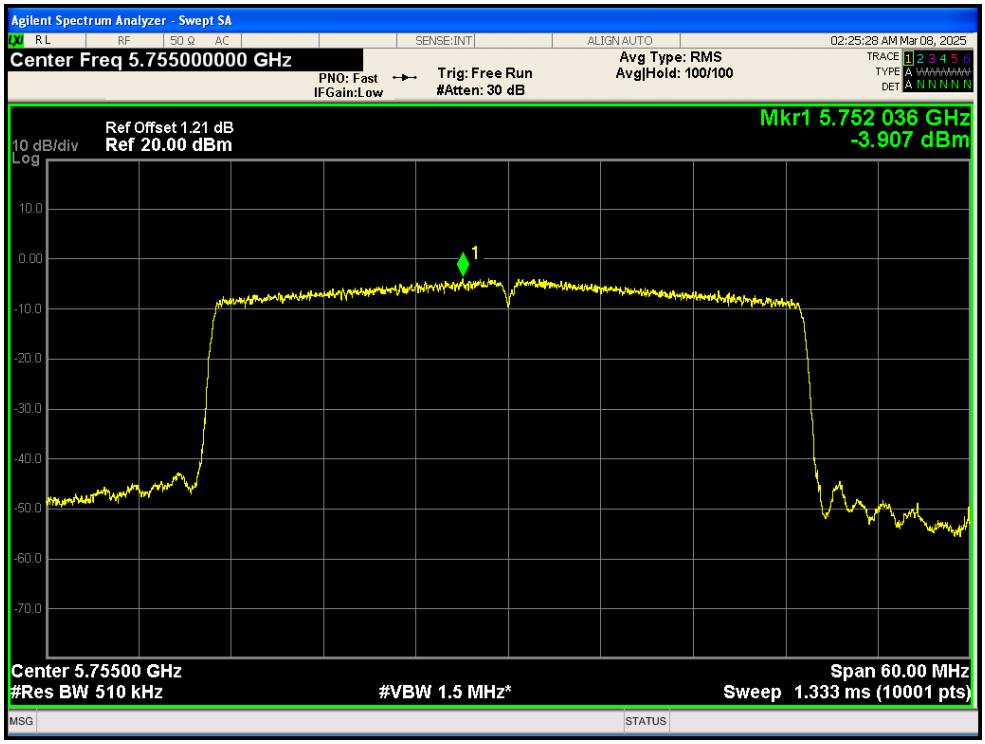
PSD NVNT ax40 5755MHz Ant1



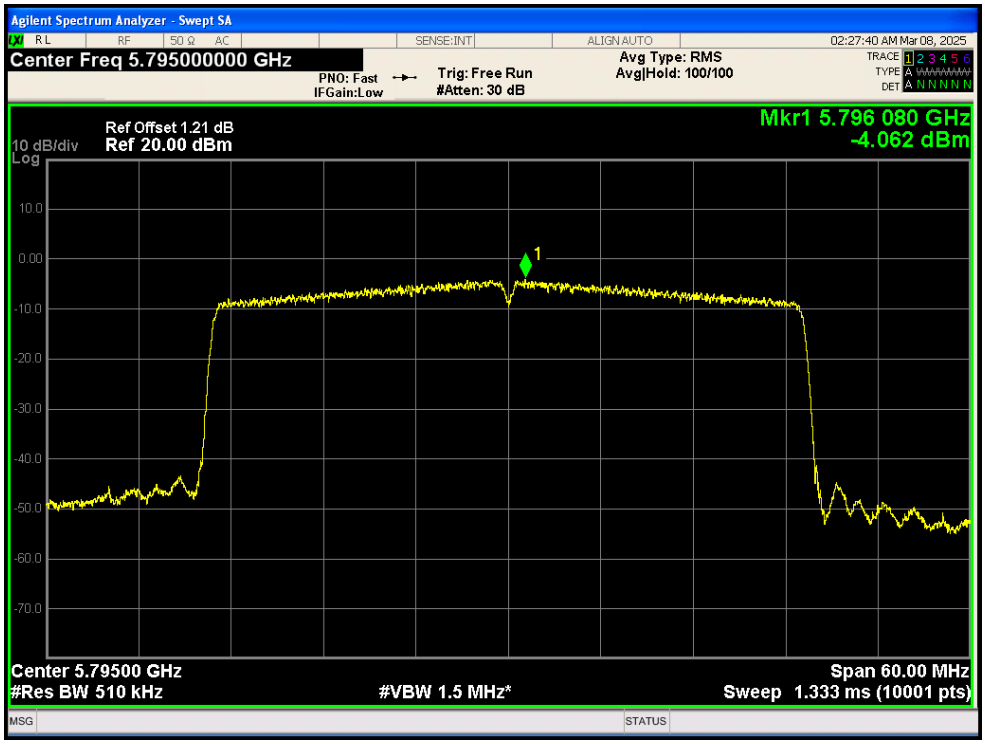
PSD NVNT ax40 5795MHz Ant1



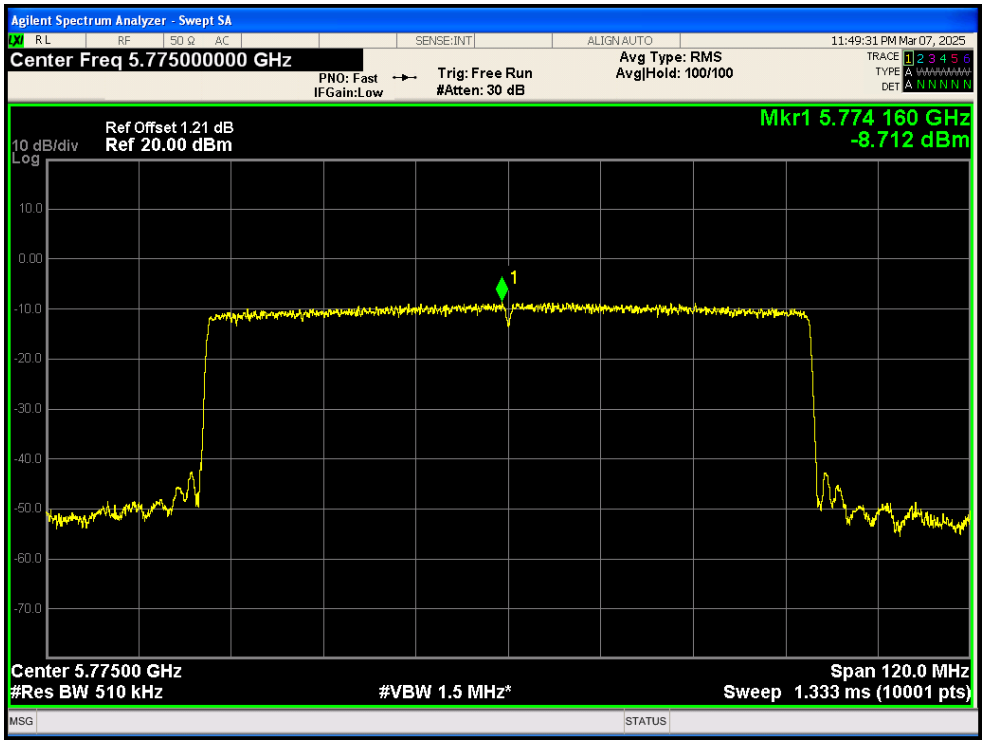
PSD NVNT ax40 5755MHz Ant2



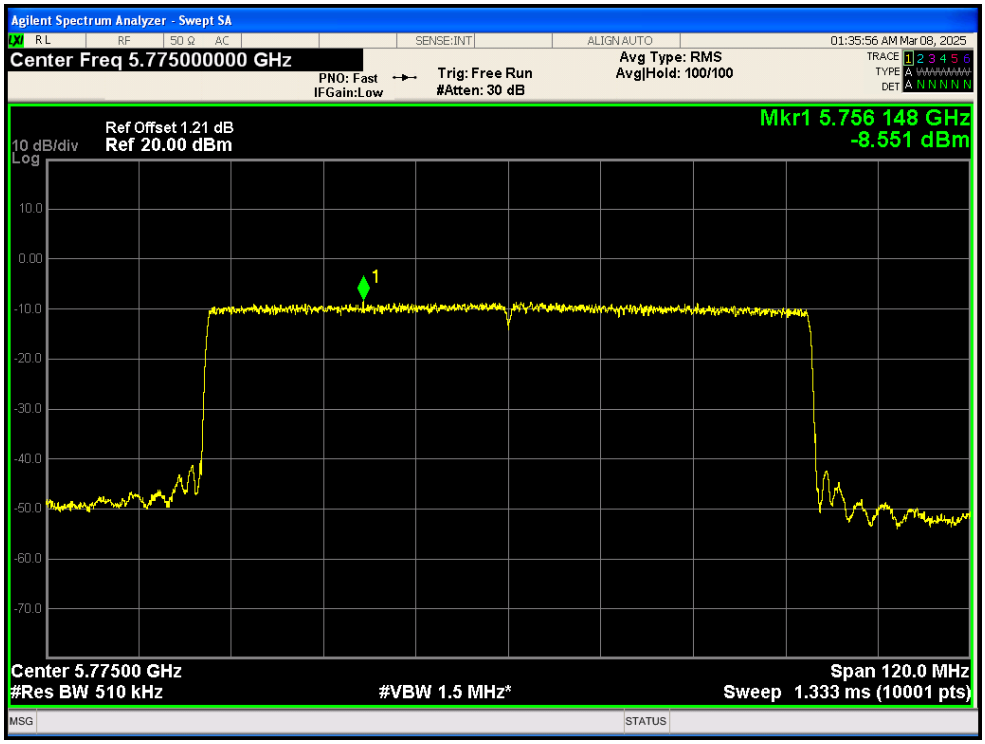
PSD NVNT ax40 5795MHz Ant2



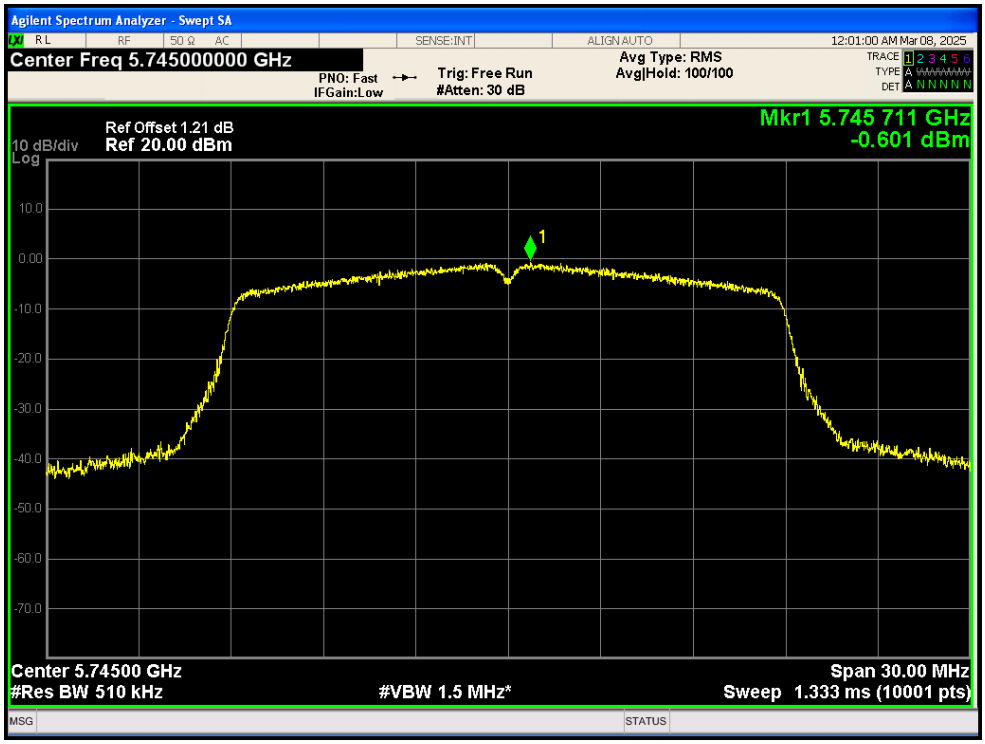
PSD NVNT ax80 5775MHz Ant1



PSD NVNT ax80 5775MHz Ant2



PSD NVNT n20 5745MHz Ant1



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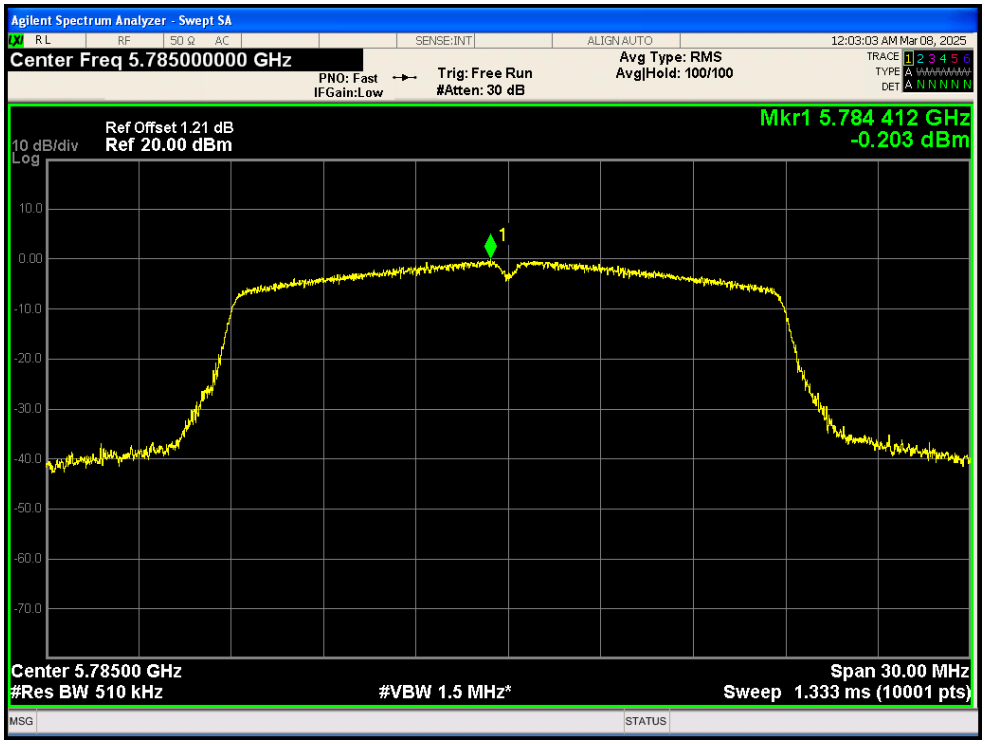
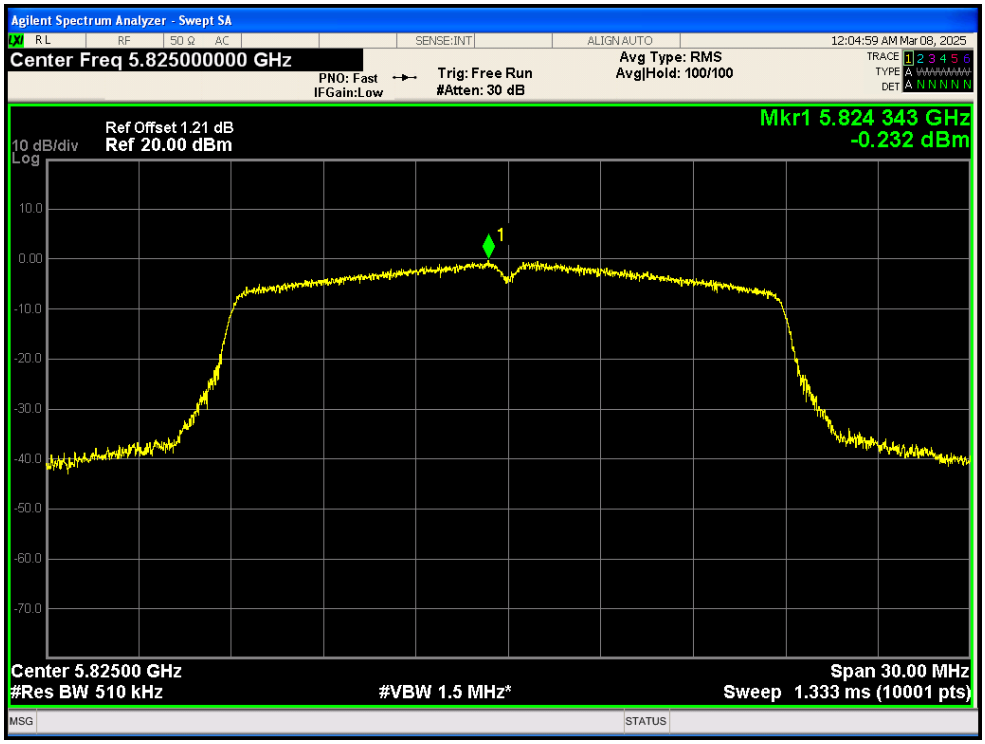
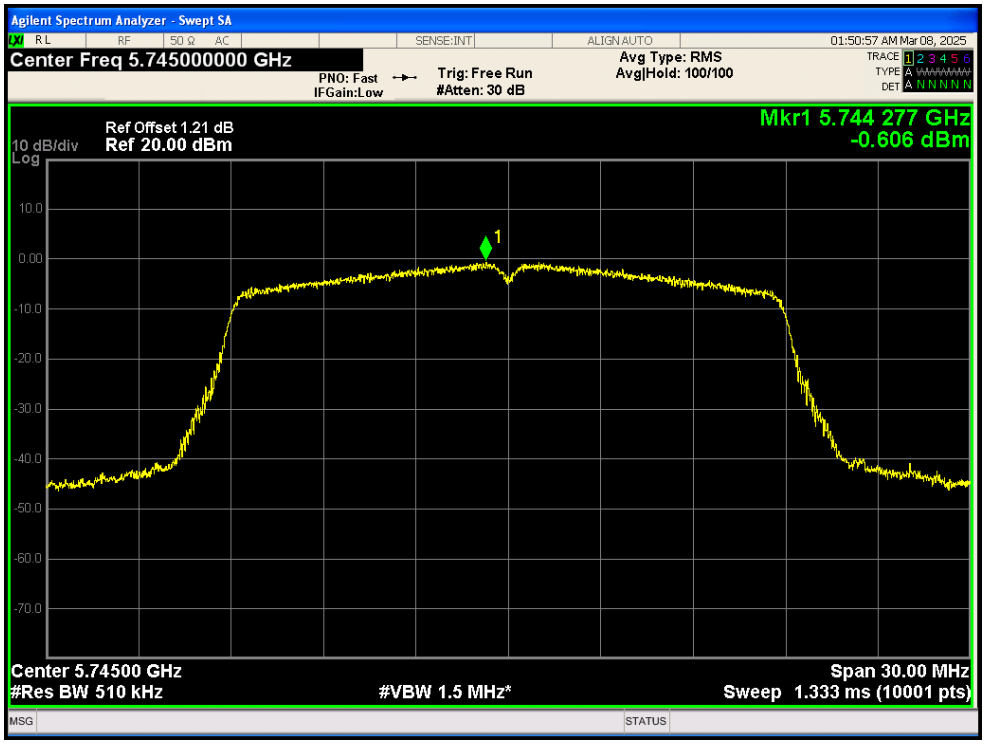


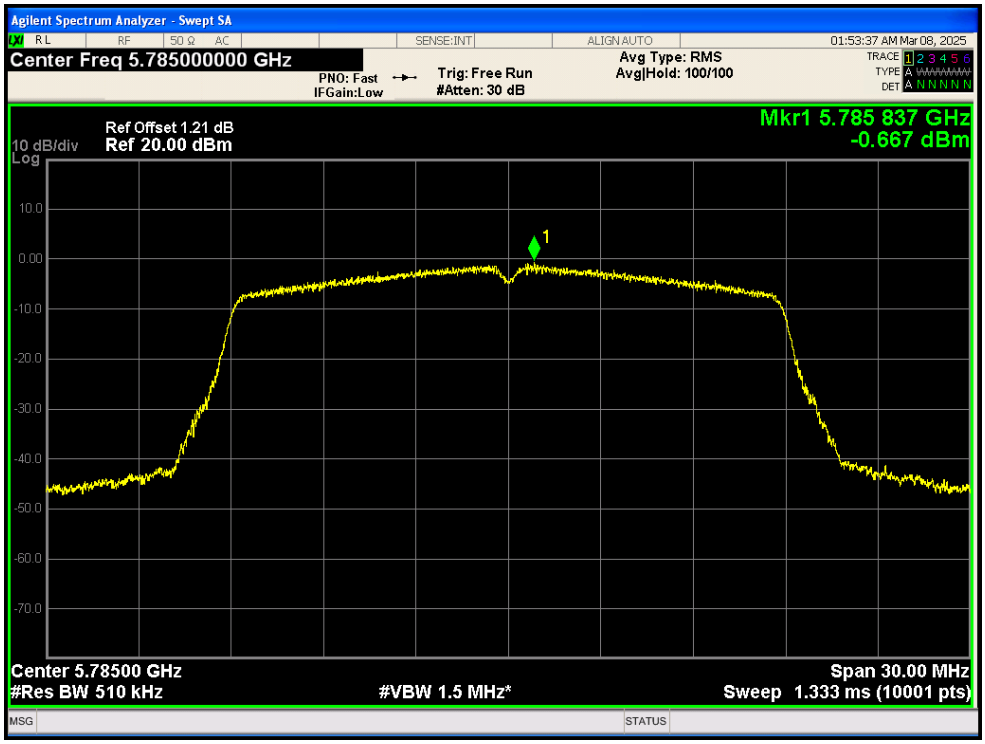
PSD NVNT n20 5825MHz Ant1



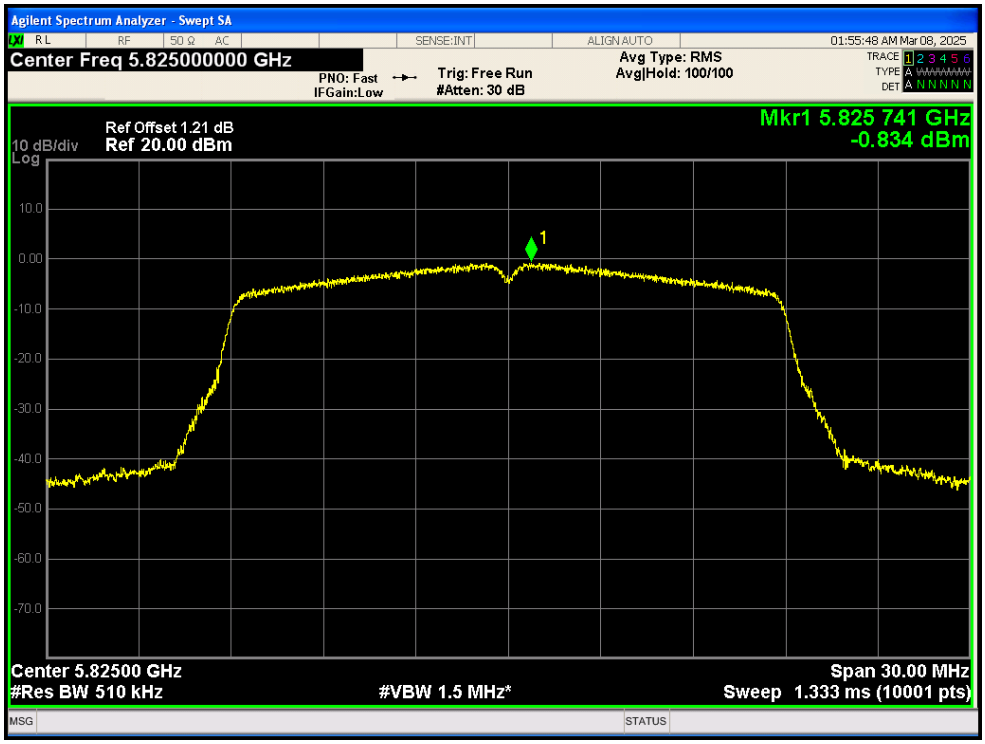
PSD NVNT n20 5745MHz Ant2



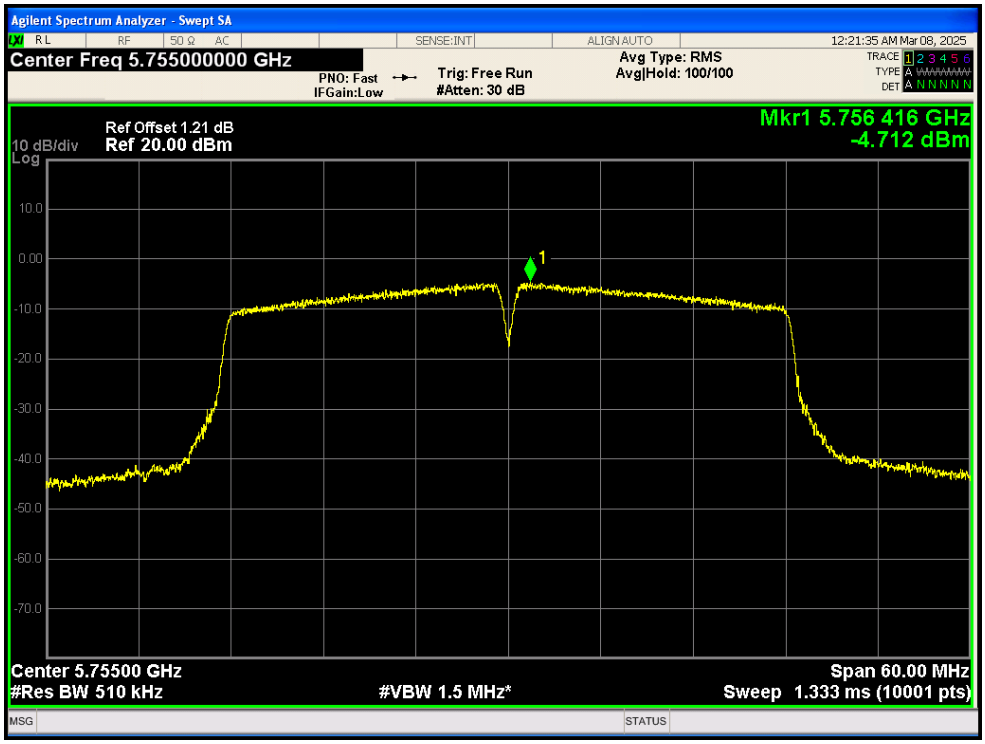
PSD NVNT n20 5785MHz Ant2



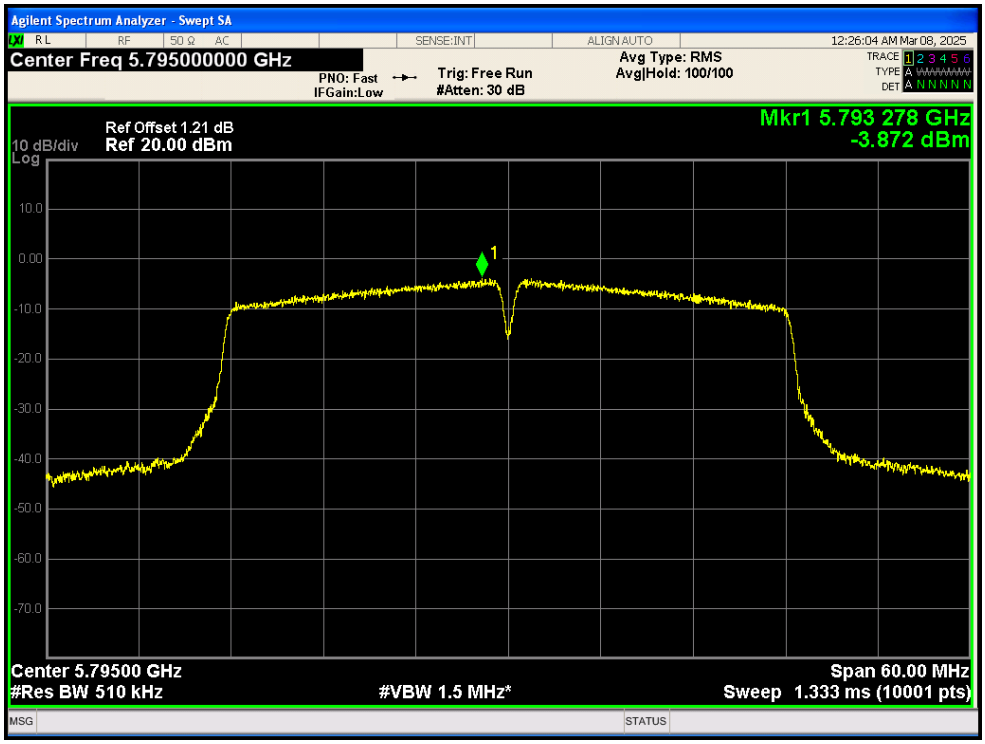
PSD NVNT n20 5825MHz Ant2



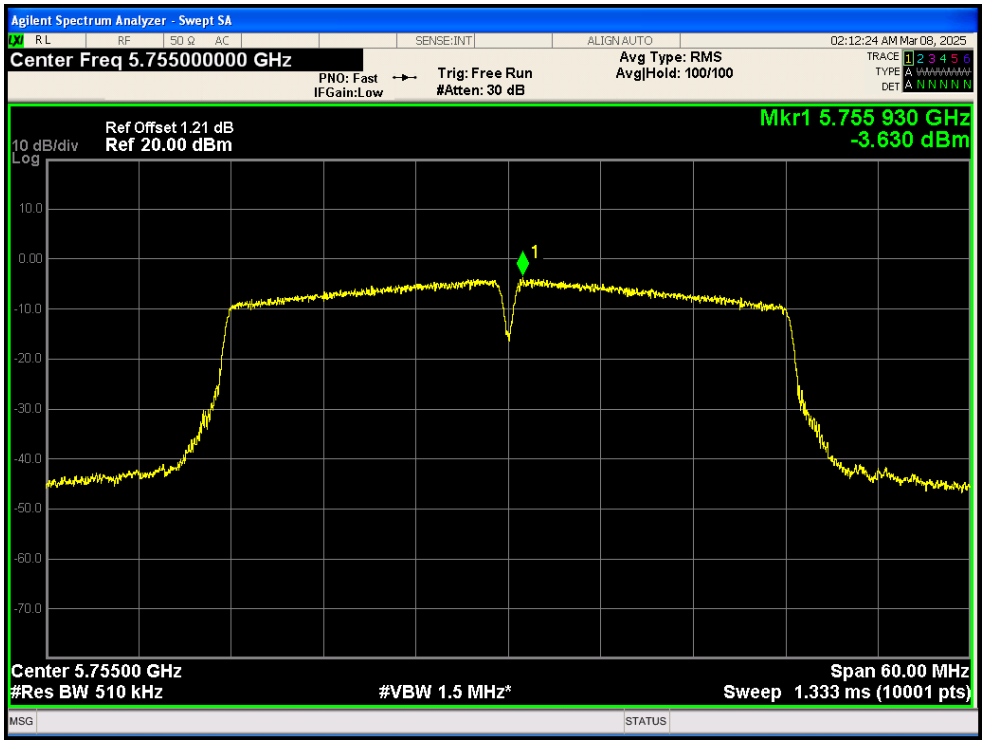
PSD NVNT n40 5755MHz Ant1



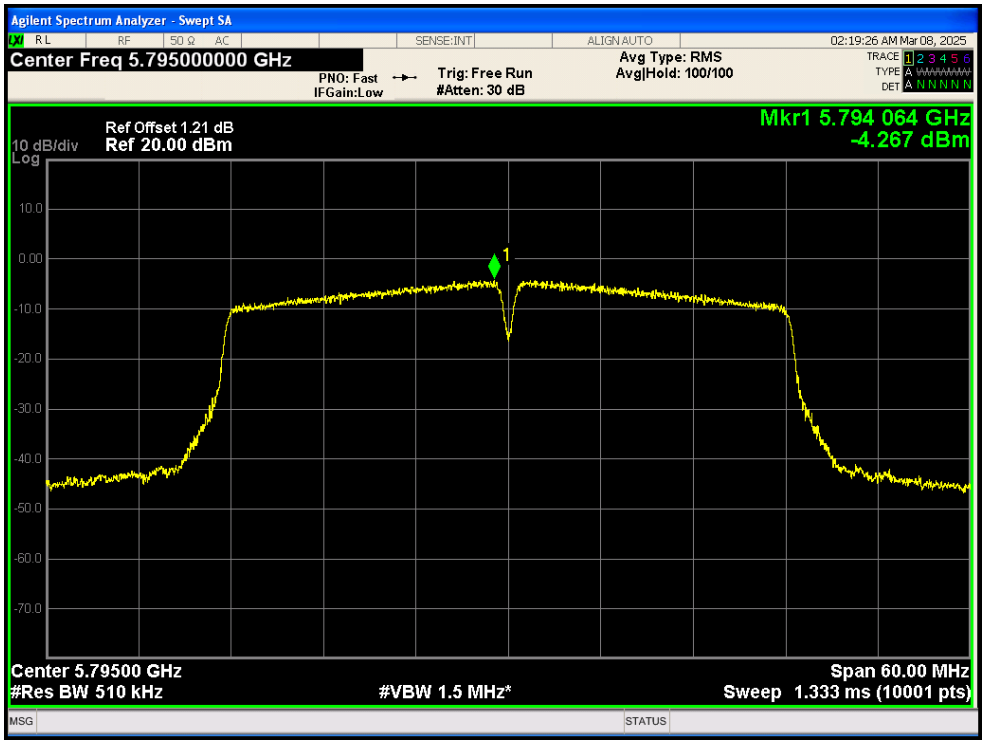
PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

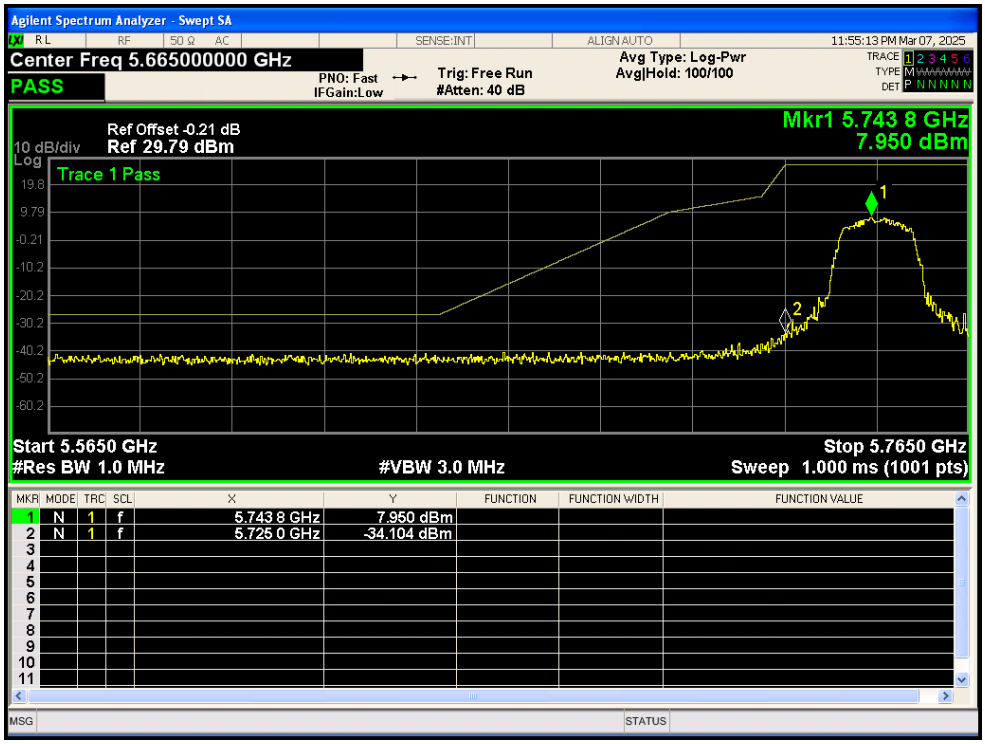


Band Edge

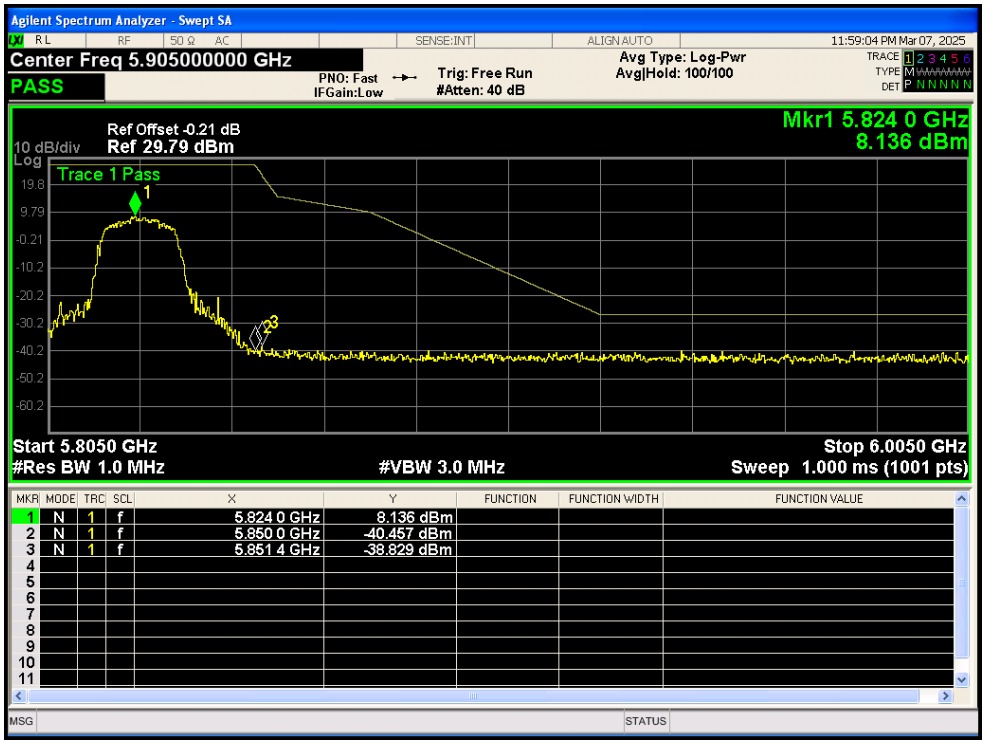
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-34.1	Pass
NVNT	a	5825	Ant1	-38.82	Pass
NVNT	a	5745	Ant2	-36.1	Pass
NVNT	a	5825	Ant2	-37.77	Pass
NVNT	ac20	5745	Ant1	-32.11	Pass

NVNT	ac20	5825	Ant1	-38.45	Pass
NVNT	ac20	5745	Ant2	-34.54	Pass
NVNT	ac20	5825	Ant2	-39.09	Pass
NVNT	ac40	5755	Ant1	-32.39	Pass
NVNT	ac40	5795	Ant1	-39.92	Pass
NVNT	ac40	5755	Ant2	-32.43	Pass
NVNT	ac40	5795	Ant2	-39.35	Pass
NVNT	ac80	5775	Ant1	-33.65	Pass
NVNT	ac80	5775	Ant2	-32.64	Pass
NVNT	ax20	5745	Ant1	-24.5	Pass
NVNT	ax20	5825	Ant1	-34.16	Pass
NVNT	ax20	5745	Ant2	-33.98	Pass
NVNT	ax20	5825	Ant2	-40.59	Pass
NVNT	ax40	5755	Ant1	-29.95	Pass
NVNT	ax40	5795	Ant1	-45.75	Pass
NVNT	ax40	5755	Ant2	-36.68	Pass
NVNT	ax40	5795	Ant2	-43.43	Pass
NVNT	ax80	5775	Ant1	-34.91	Pass
NVNT	ax80	5775	Ant2	-36.2	Pass
NVNT	n20	5745	Ant1	-31.41	Pass
NVNT	n20	5825	Ant1	-39.53	Pass
NVNT	n20	5745	Ant2	-35.3	Pass
NVNT	n20	5825	Ant2	-38.69	Pass
NVNT	n40	5755	Ant1	-30.53	Pass
NVNT	n40	5795	Ant1	-39.2	Pass
NVNT	n40	5755	Ant2	-31.01	Pass
NVNT	n40	5795	Ant2	-39.19	Pass

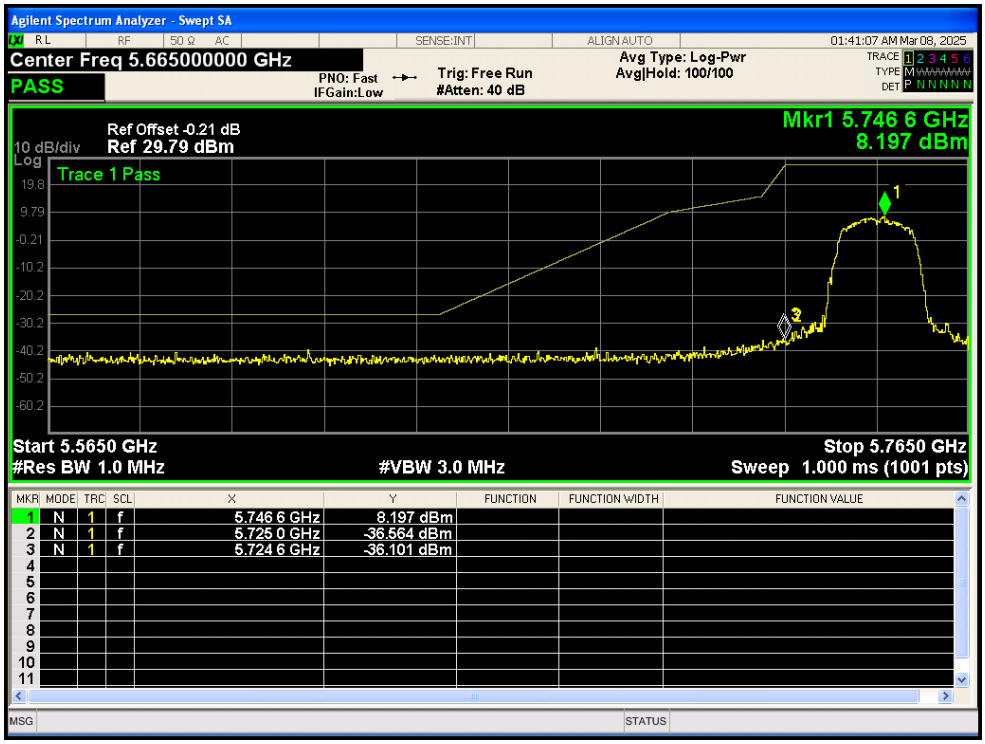
Band Edge NVNT a 5745MHz Low Ant1



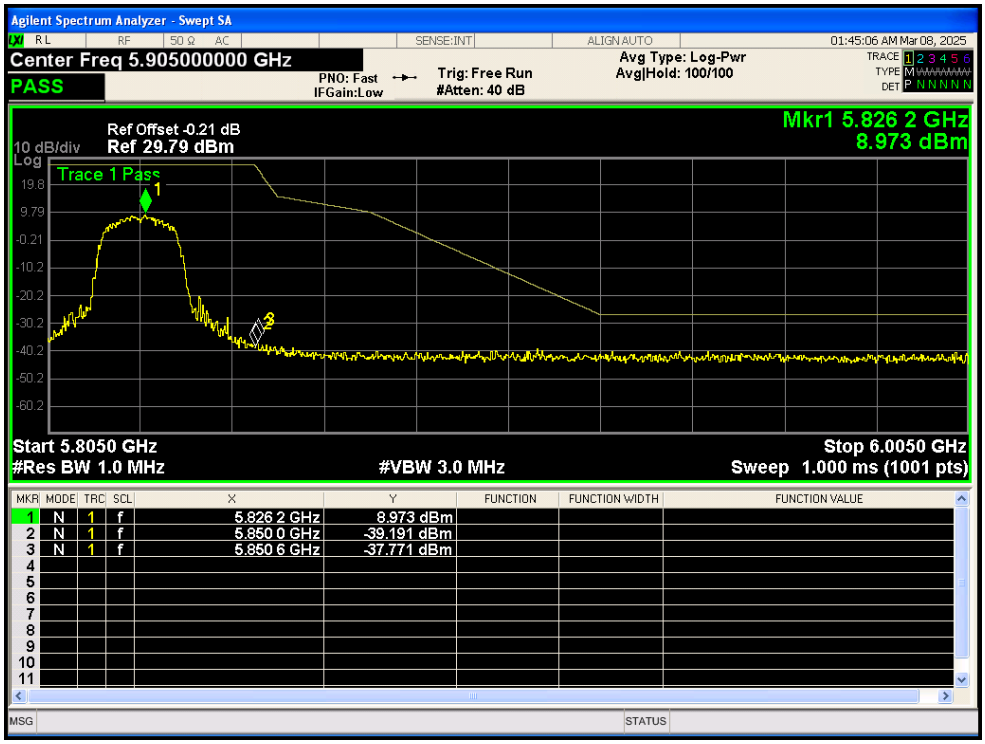
Band Edge NVNT a 5825MHz High Ant1



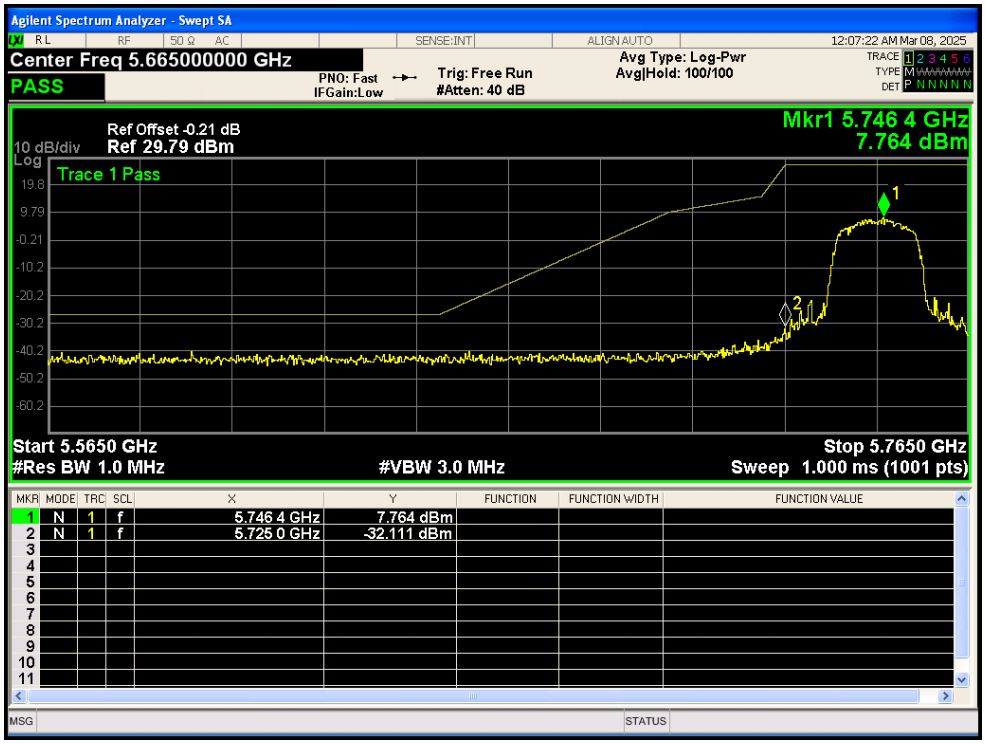
Band Edge NVNT a 5745MHz Low Ant2



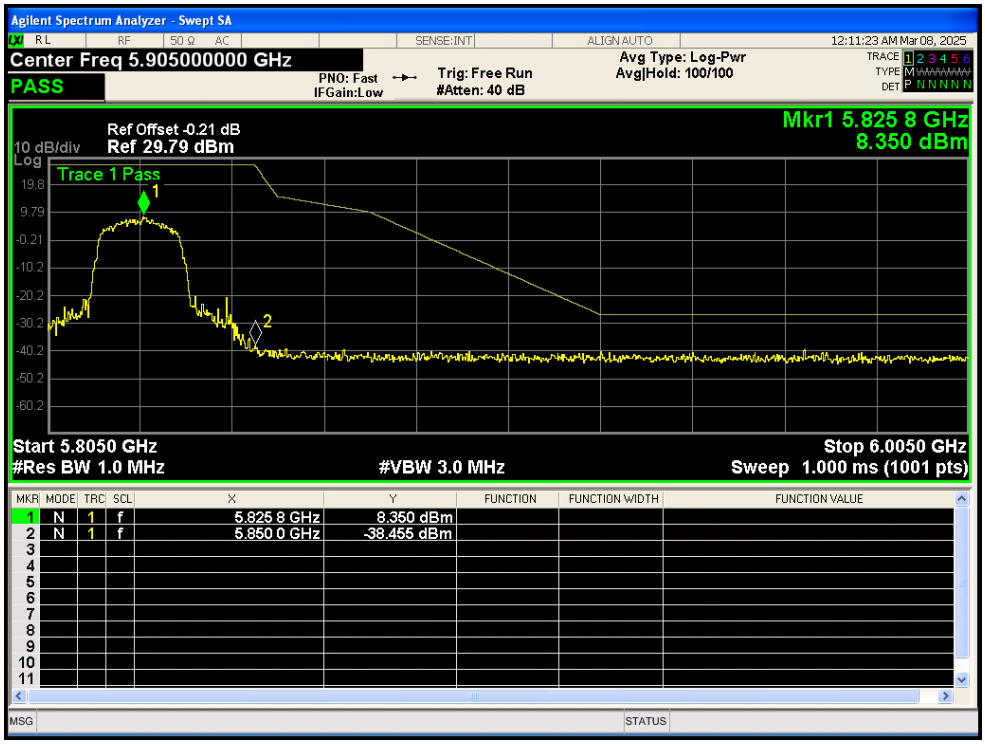
Band Edge NVNT a 5825MHz High Ant2



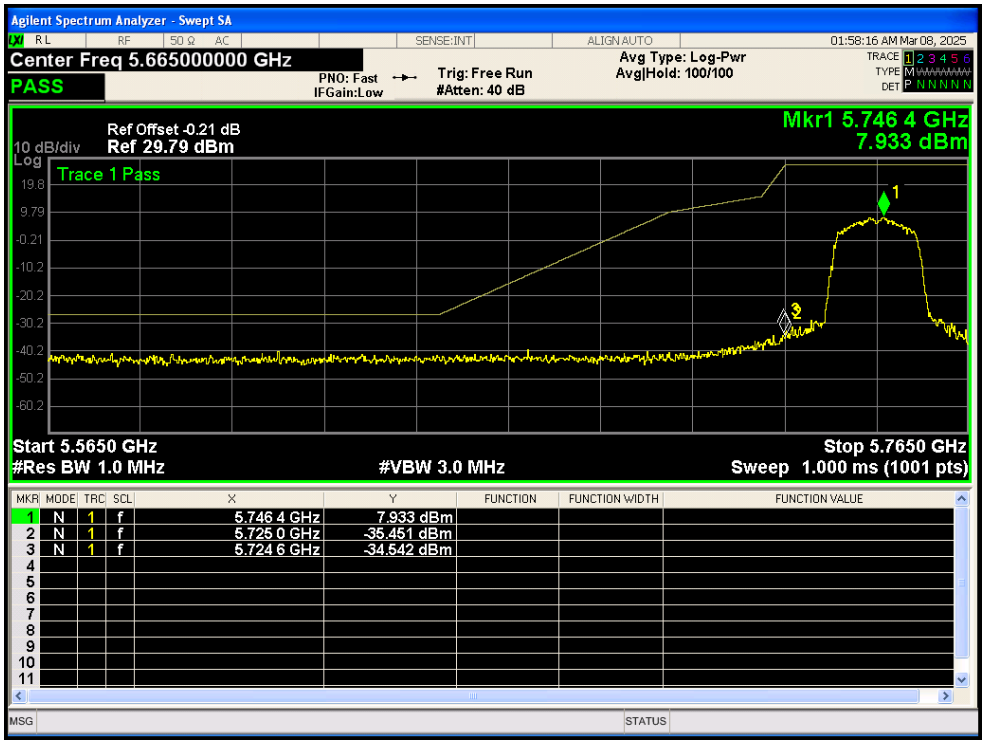
Band Edge NVNT ac20 5745MHz Low Ant1



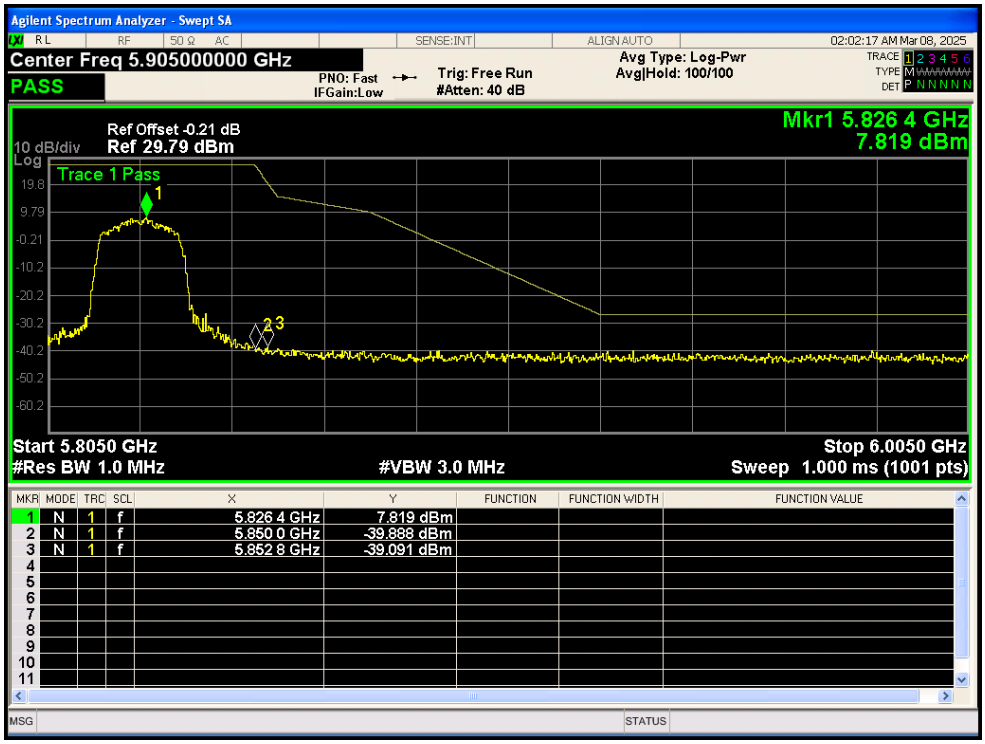
Band Edge NVNT ac20 5825MHz High Ant1



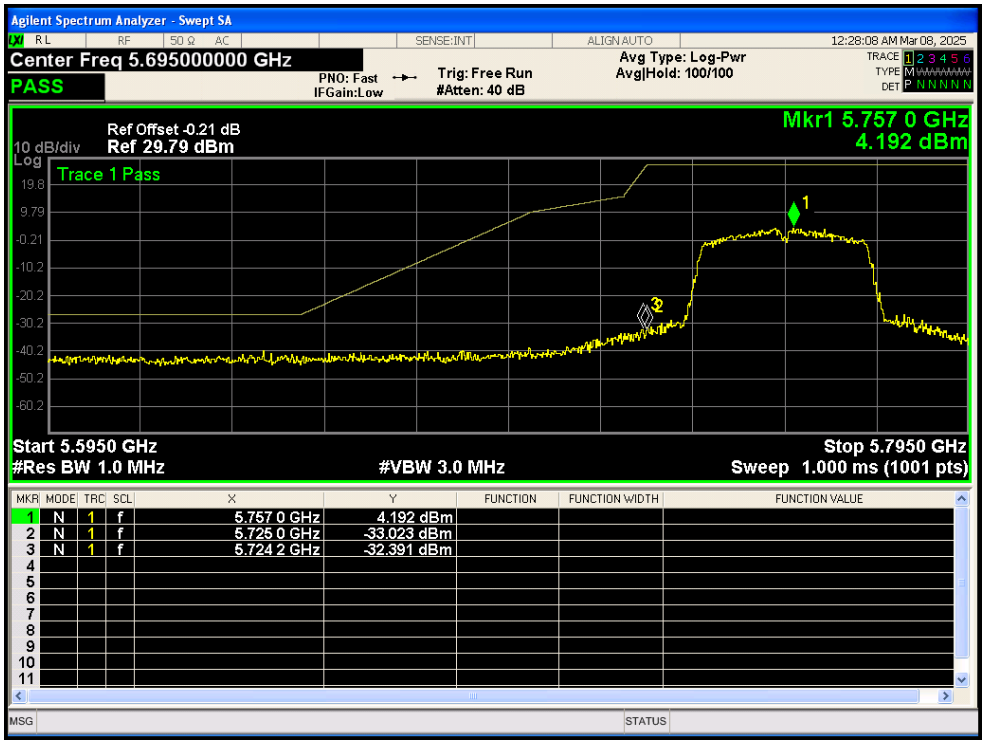
Band Edge NVNT ac20 5745MHz Low Ant2



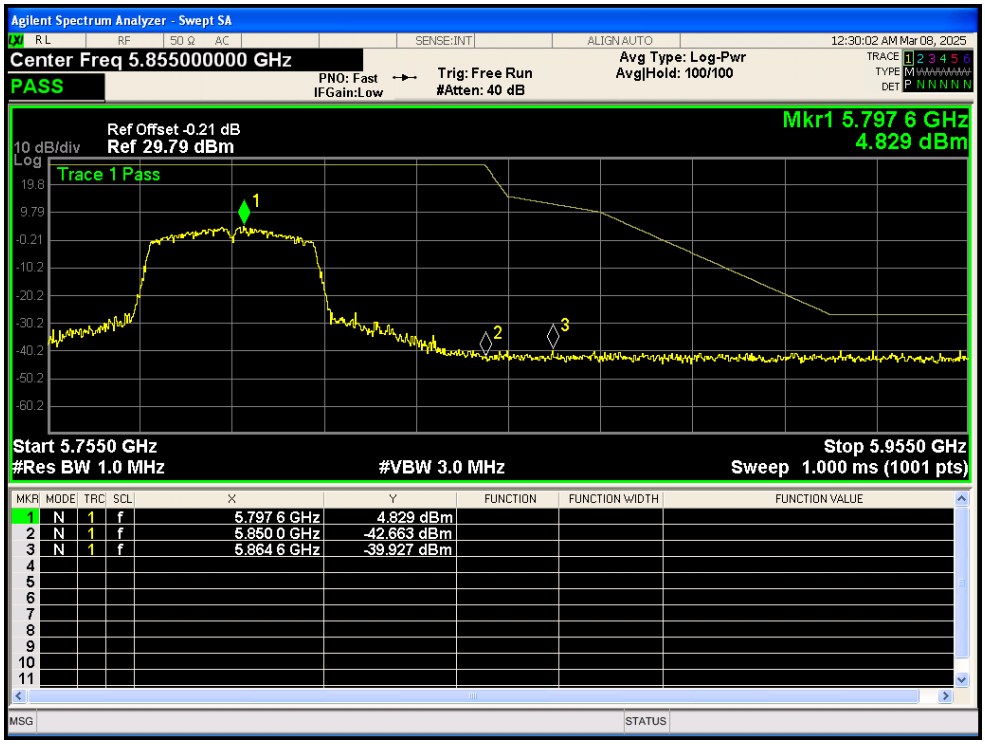
Band Edge NVNT ac20 5825MHz High Ant2



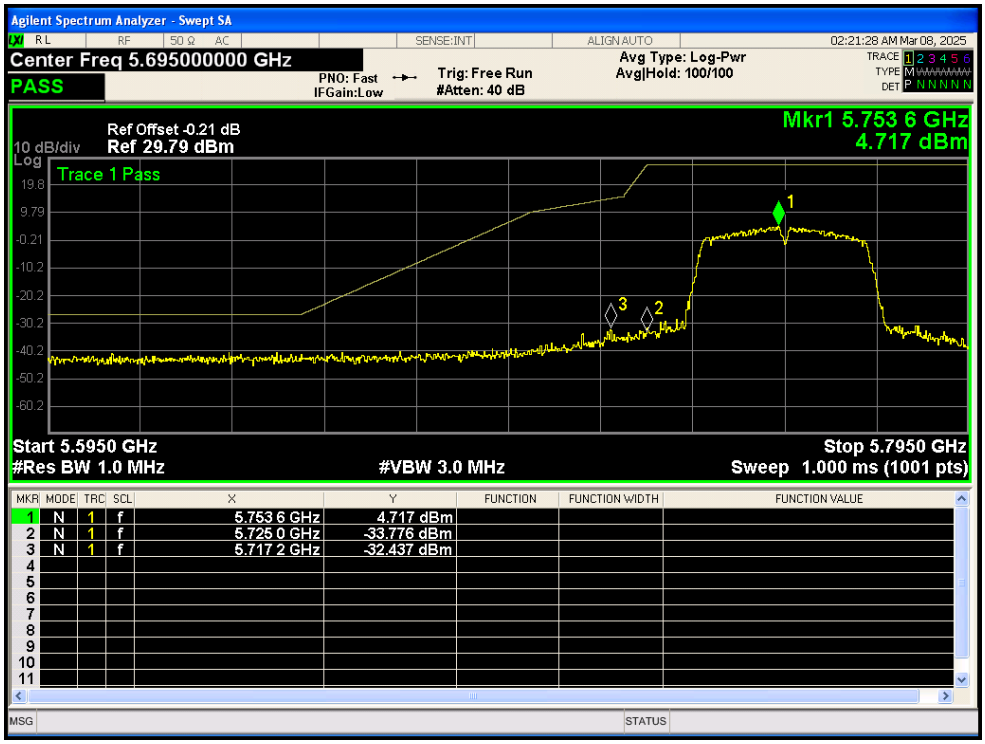
Band Edge NVNT ac40 5755MHz Low Ant1



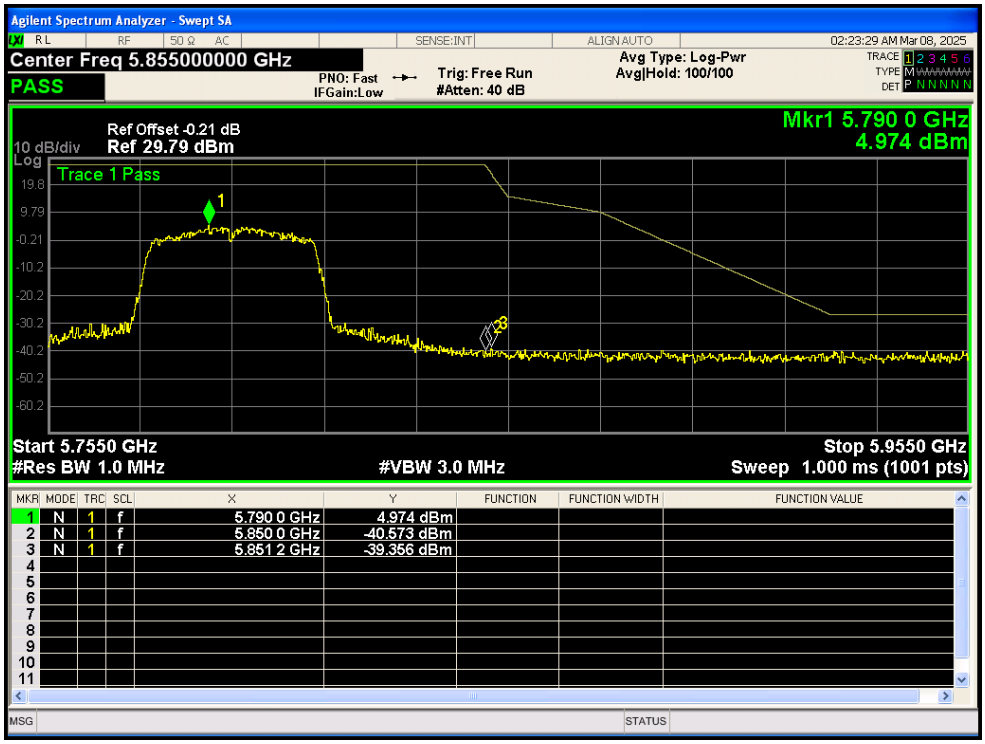
Band Edge NVNT ac40 5795MHz High Ant1



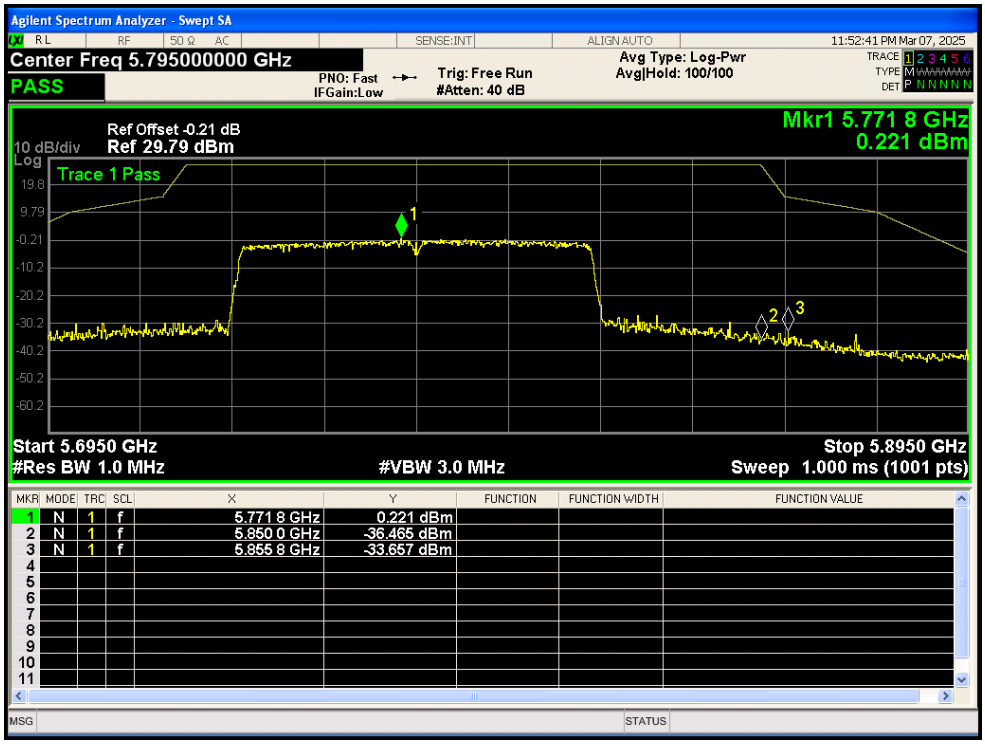
Band Edge NVNT ac40 5755MHz Low Ant2



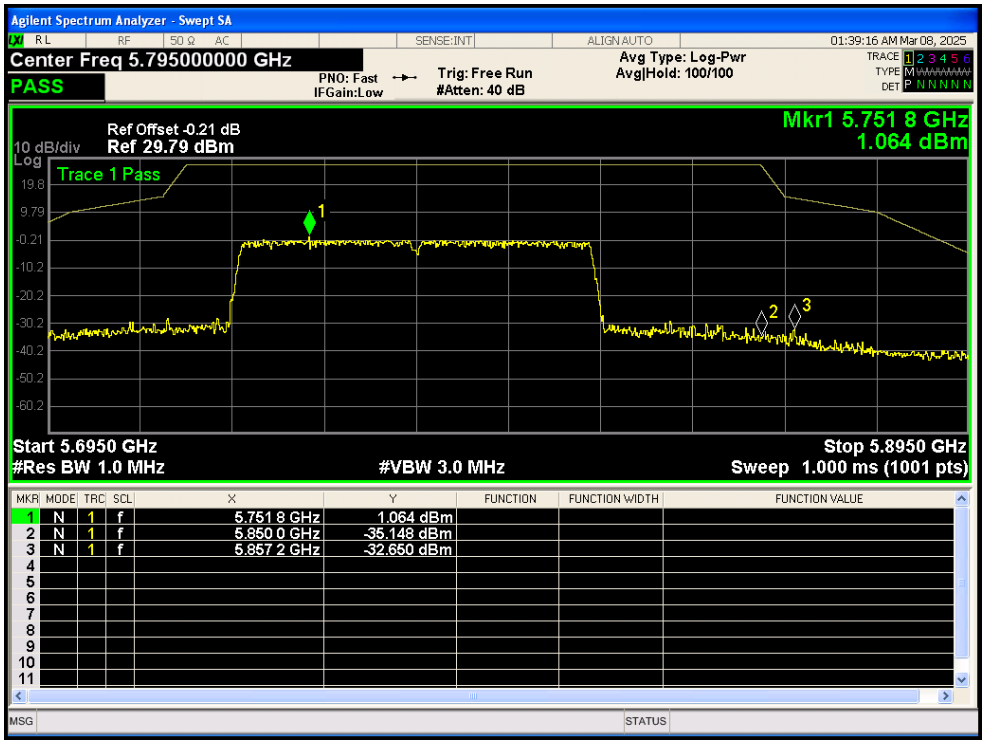
Band Edge NVNT ac40 5795MHz High Ant2



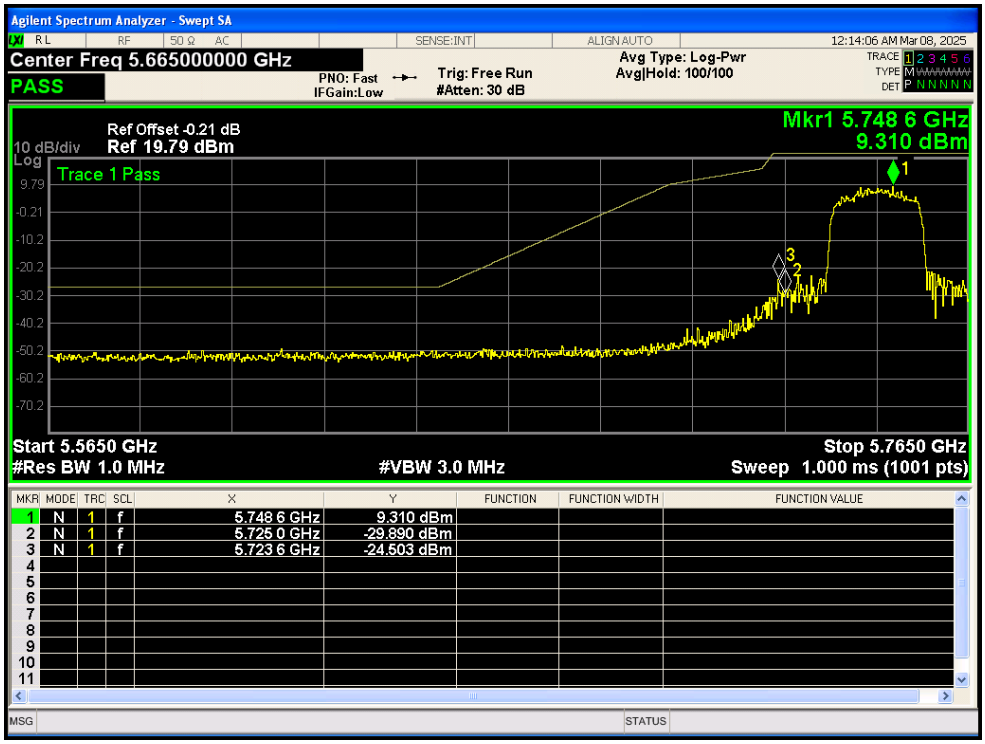
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant2

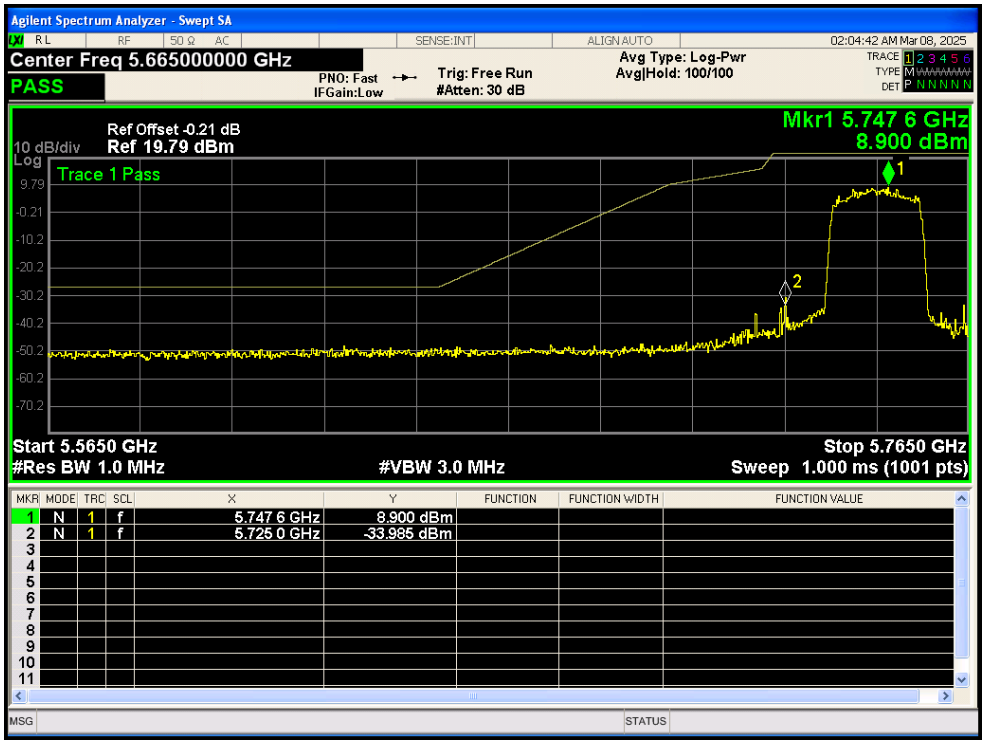


Band Edge NVNT ax20 5745MHz Low Ant1

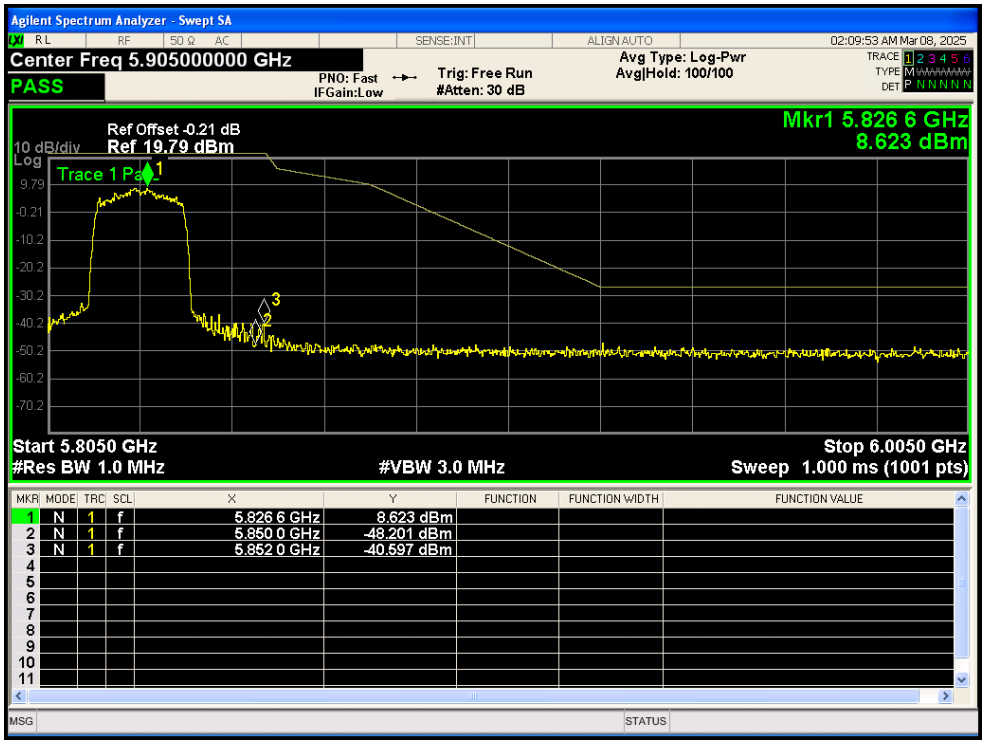


Band Edge NVNT ax20 5825MHz High Ant1

Band Edge NVNT ax20 5745MHz Low Ant2

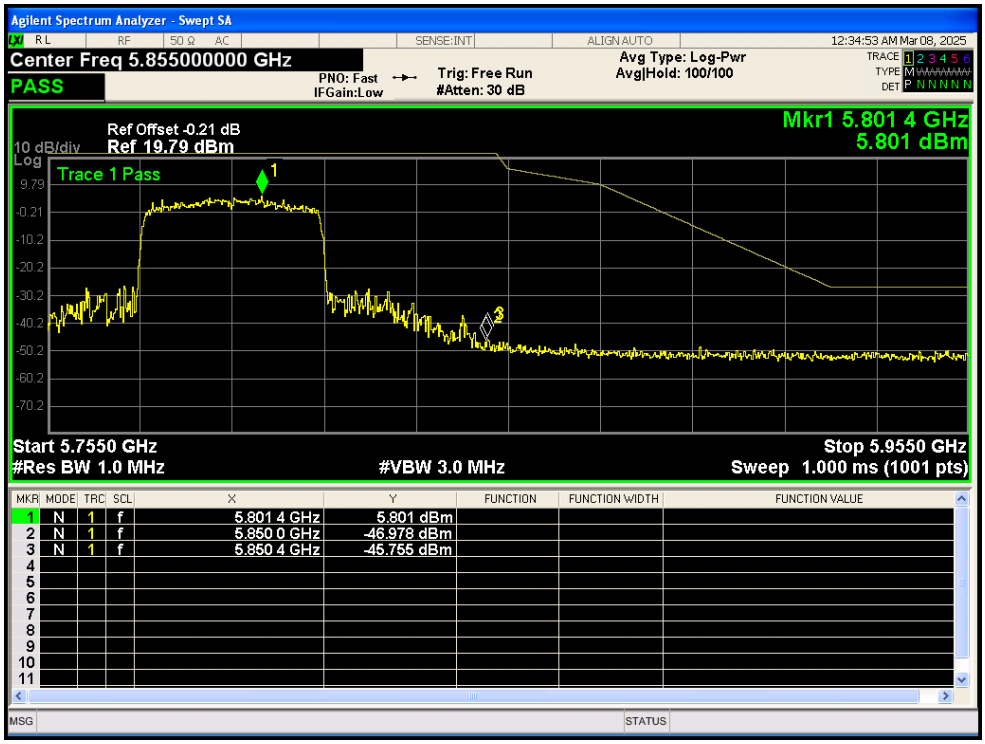


Band Edge NVNT ax20 5825MHz High Ant2

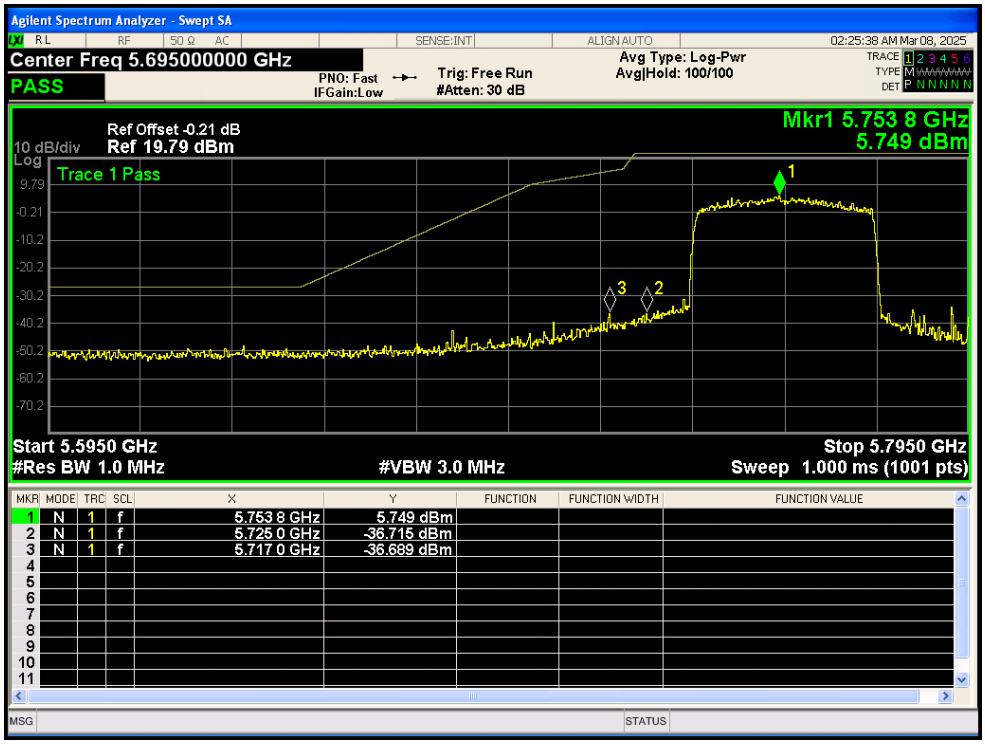


Band Edge NVNT ax40 5755MHz Low Ant1

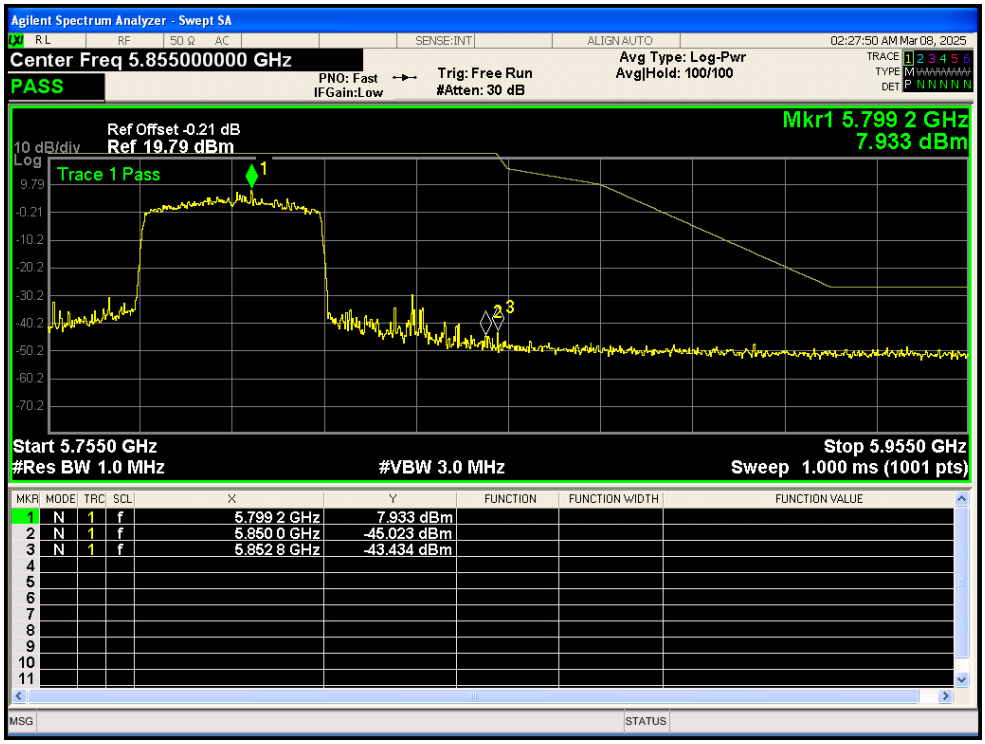
Band Edge NVNT ax40 5795MHz High Ant1



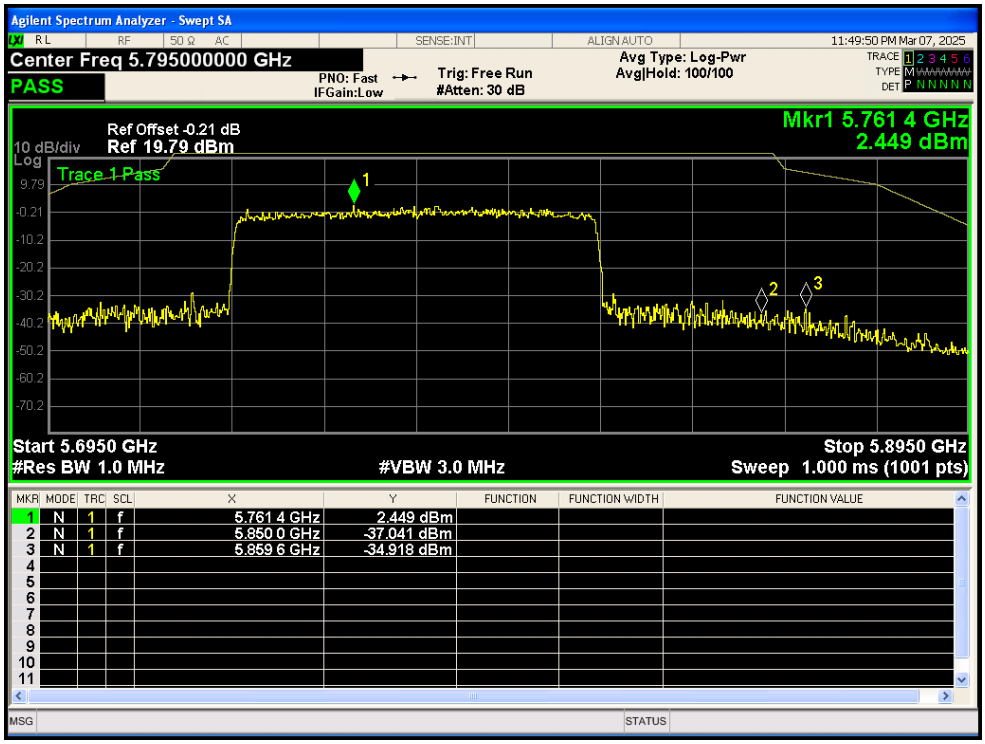
Band Edge NVNT ax40 5755MHz Low Ant2



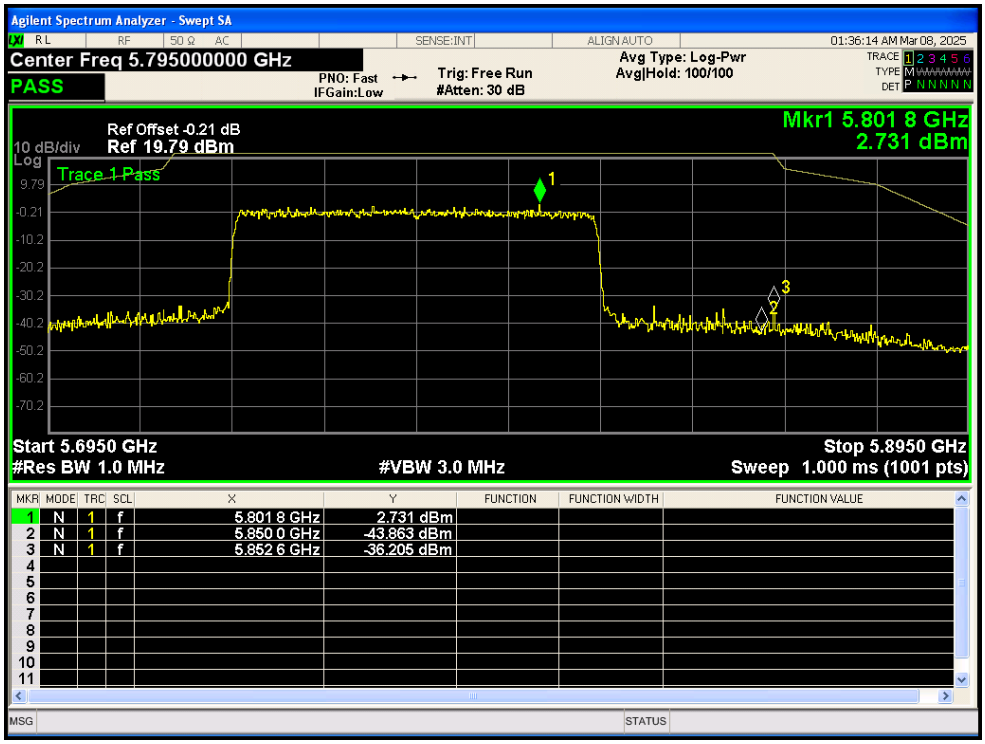
Band Edge NVNT ax40 5795MHz High Ant2



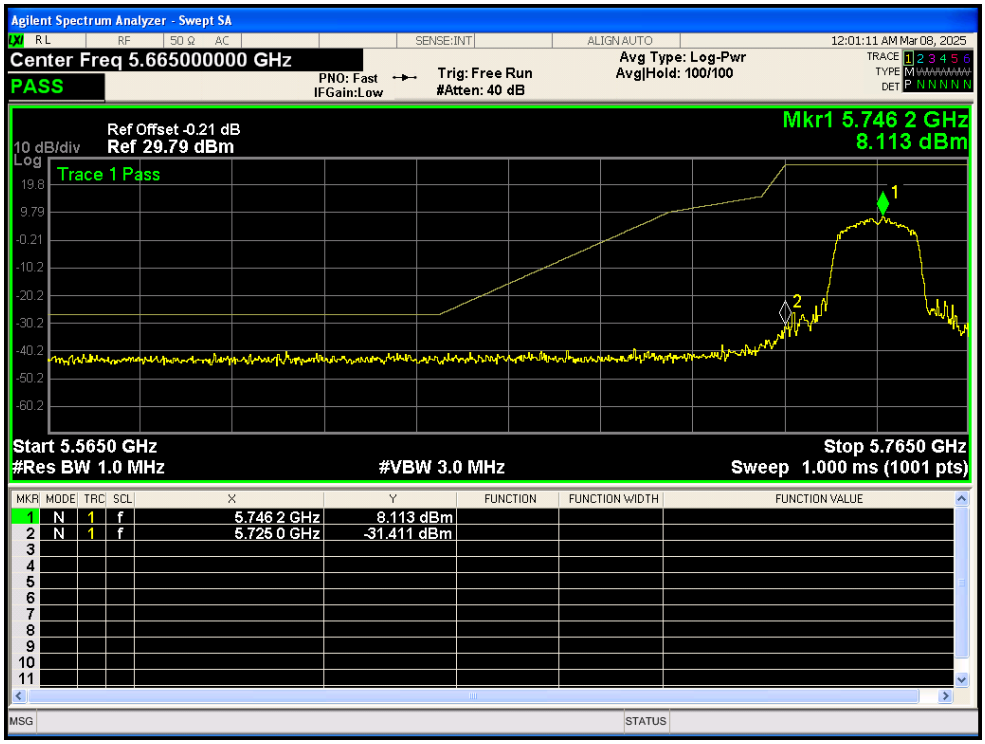
Band Edge NVNT ax80 5775MHz High Ant1



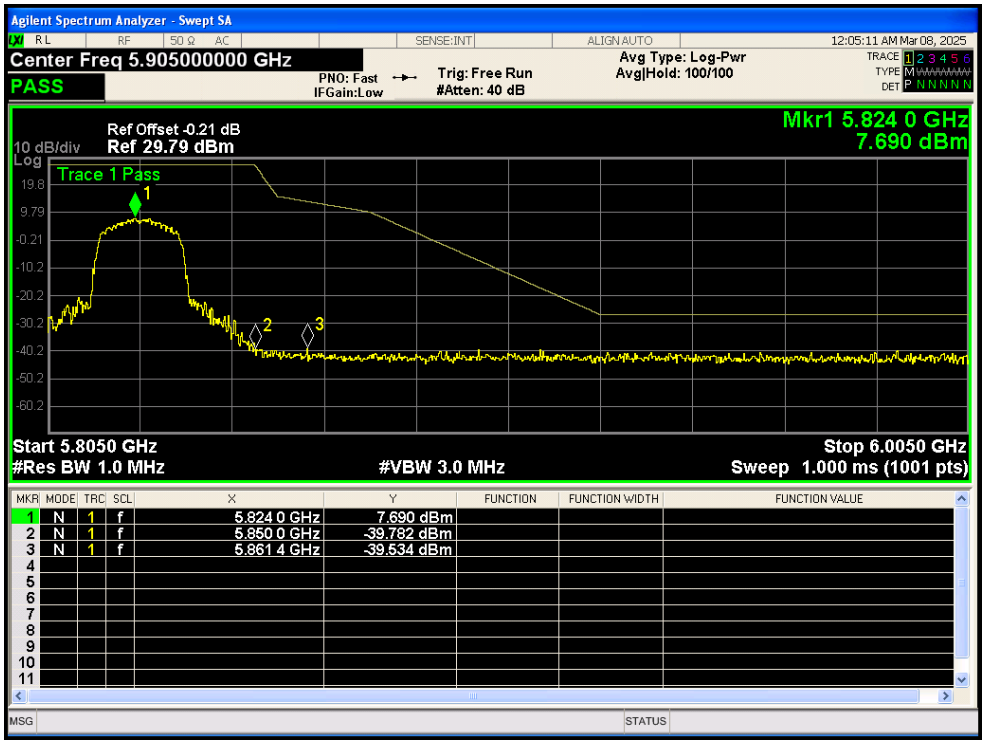
Band Edge NVNT ax80 5775MHz High Ant2



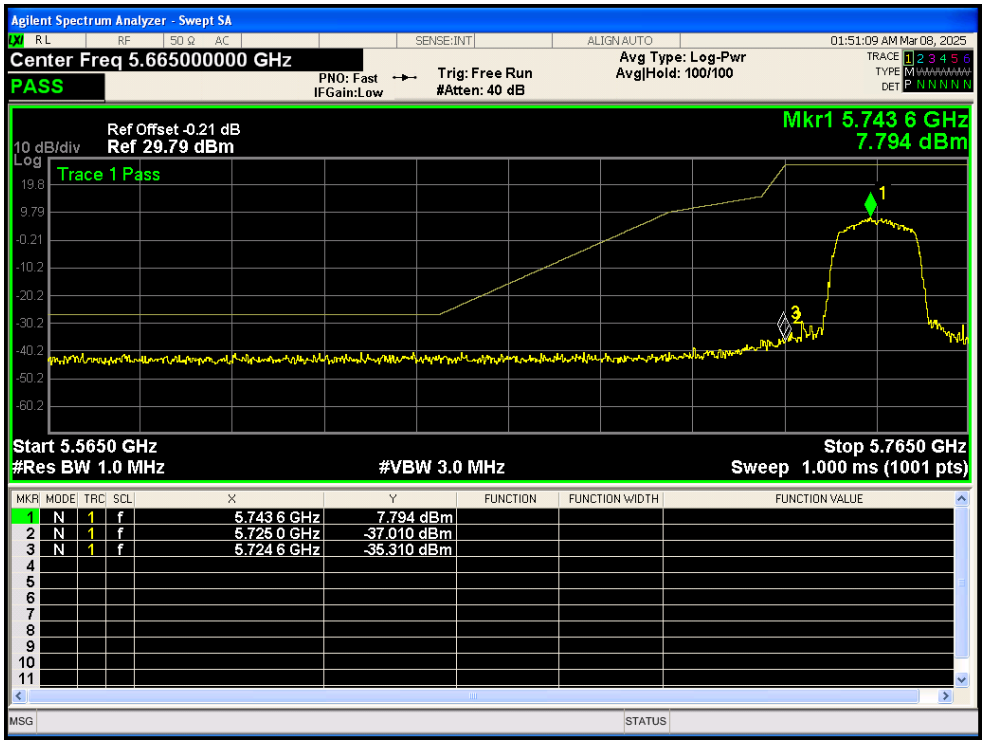
Band Edge NVNT n20 5745MHz Low Ant1



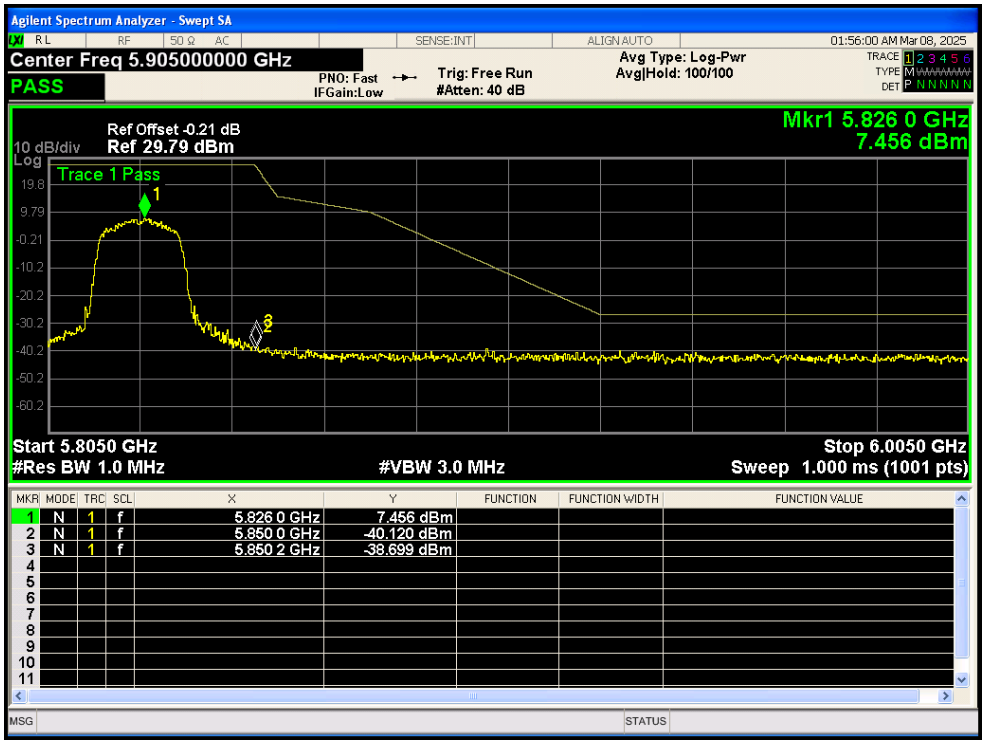
Band Edge NVNT n20 5825MHz High Ant1



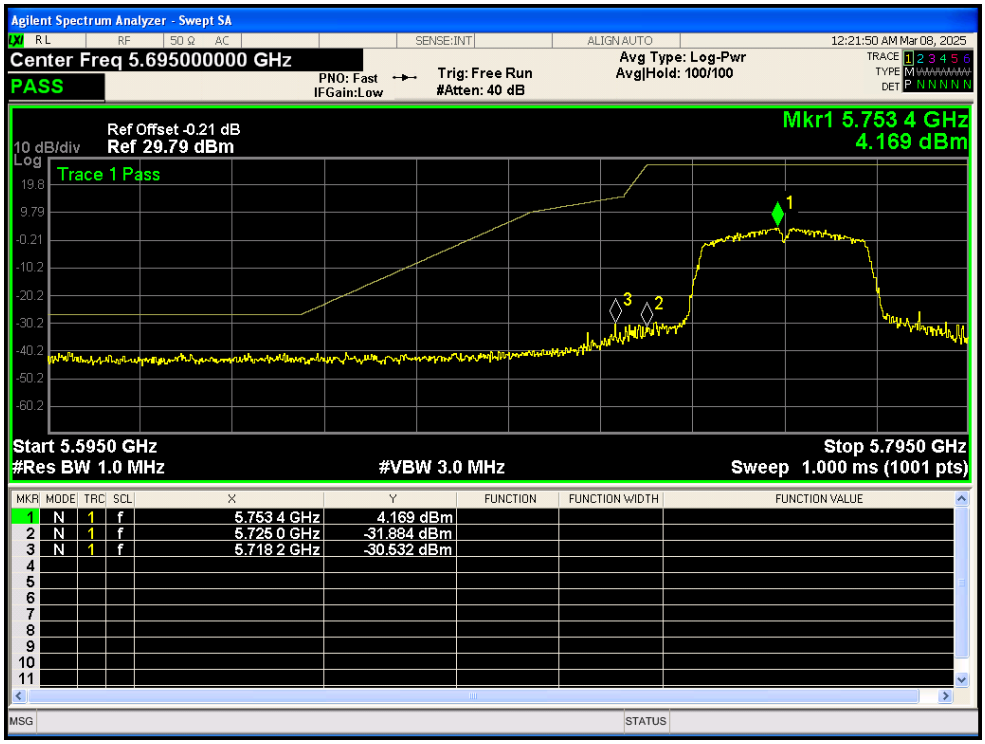
Band Edge NVNT n20 5745MHz Low Ant2



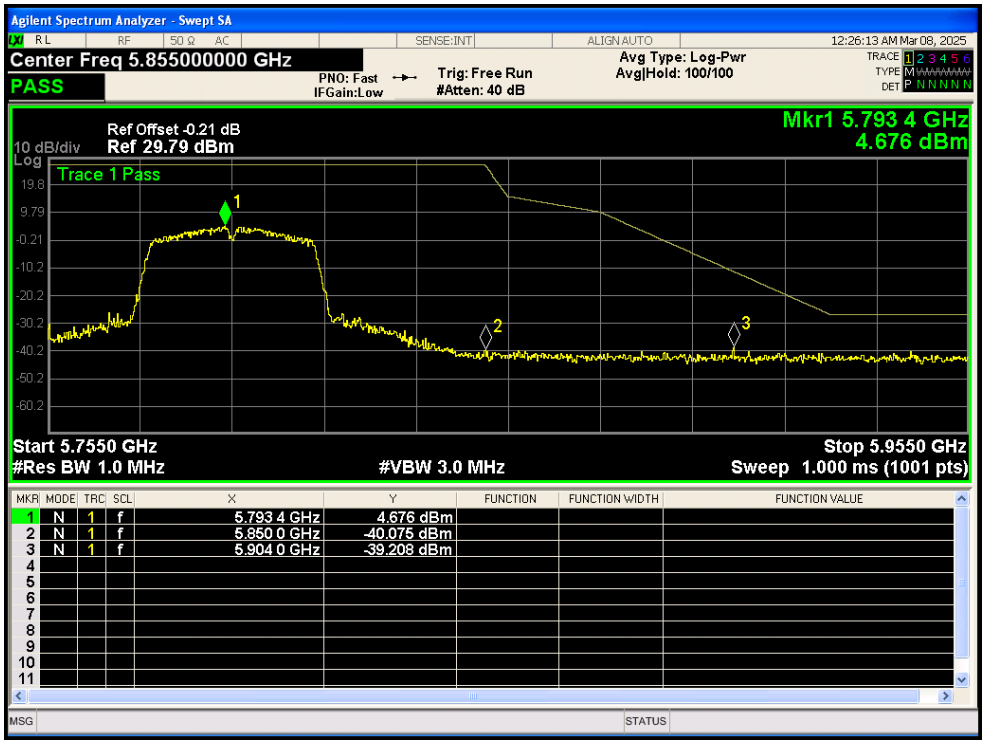
Band Edge NVNT n20 5825MHz High Ant2



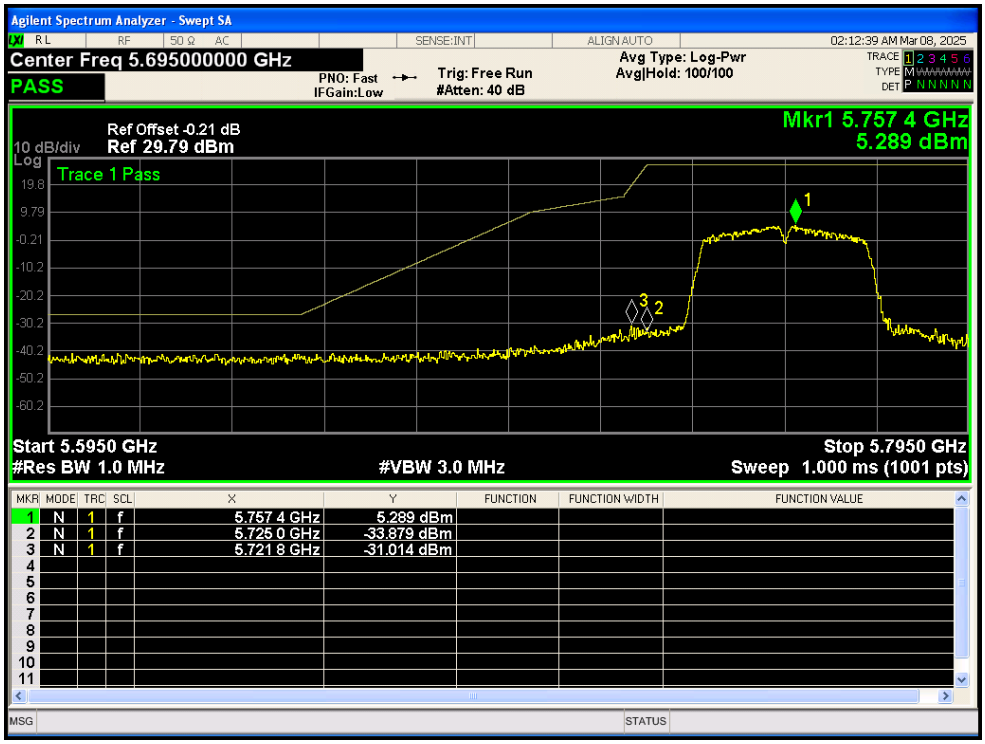
Band Edge NVNT n40 5755MHz Low Ant1



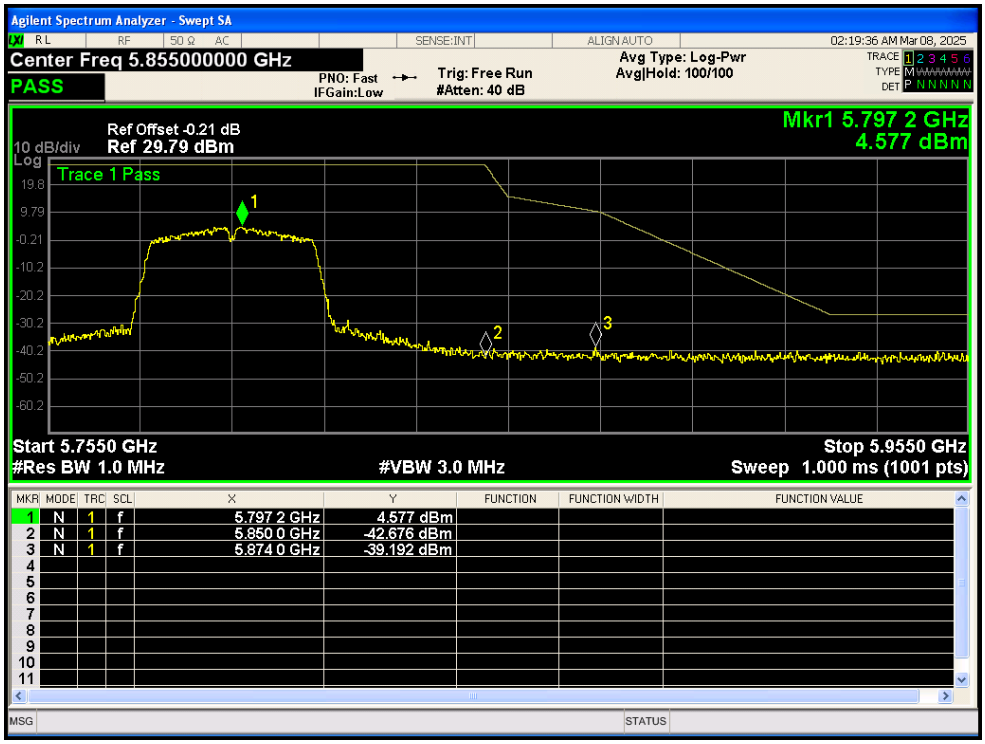
Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant2



Band Edge NVNT n40 5795MHz High Ant2

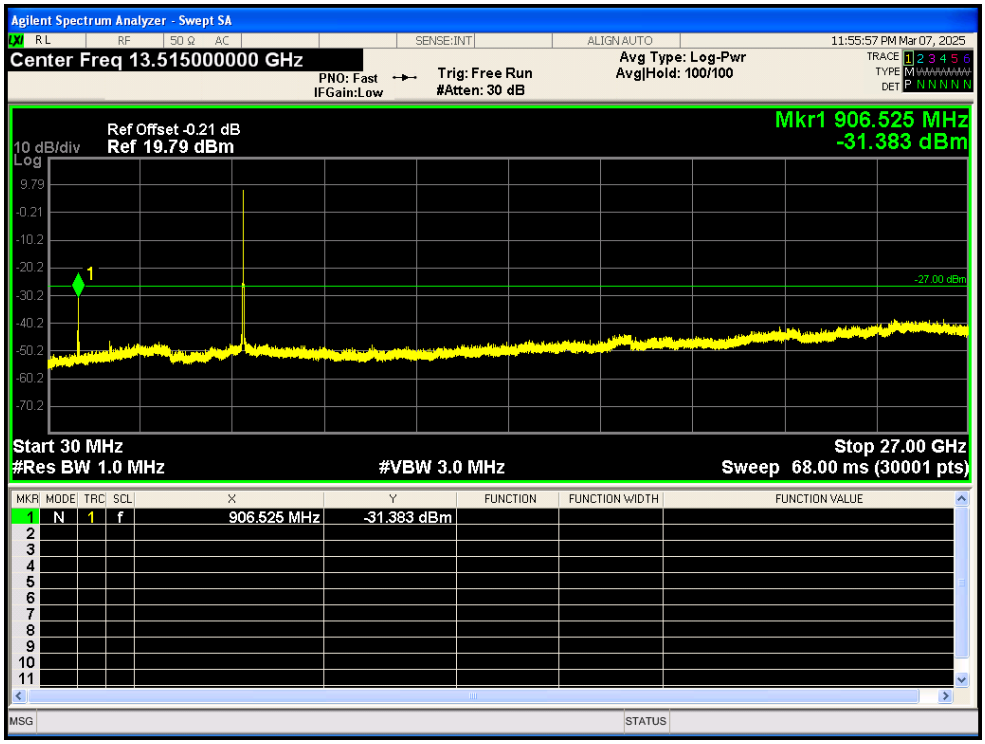


Conducted RF Spurious Emission

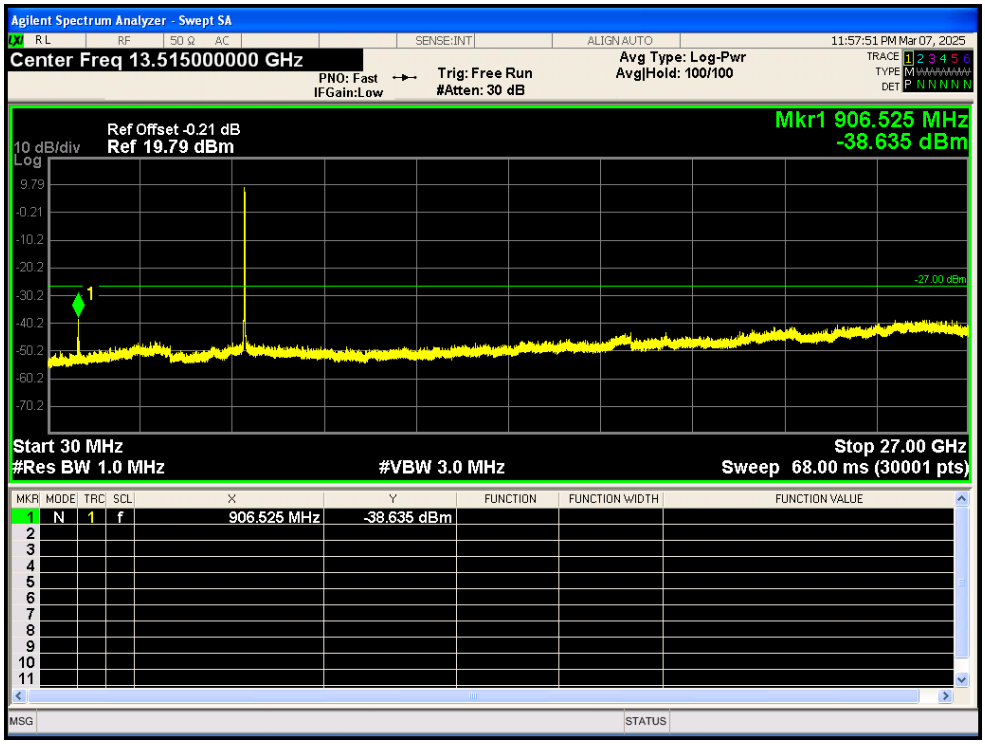
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-31.38	-27	Pass
NVNT	a	5785	Ant1	-38.63	-27	Pass
NVNT	a	5825	Ant1	-38.34	-27	Pass
NVNT	a	5745	Ant2	-38.58	-27	Pass
NVNT	a	5785	Ant2	-39.09	-27	Pass

NVNT	a	5825	Ant2	-38.26	-27	Pass
NVNT	ac20	5745	Ant1	-33.74	-27	Pass
NVNT	ac20	5785	Ant1	-31.37	-27	Pass
NVNT	ac20	5825	Ant1	-36.3	-27	Pass
NVNT	ac20	5745	Ant2	-38.96	-27	Pass
NVNT	ac20	5785	Ant2	-38.67	-27	Pass
NVNT	ac20	5825	Ant2	-38.31	-27	Pass
NVNT	ac40	5755	Ant1	-38.3	-27	Pass
NVNT	ac40	5795	Ant1	-37.21	-27	Pass
NVNT	ac40	5755	Ant2	-38.43	-27	Pass
NVNT	ac40	5795	Ant2	-38.31	-27	Pass
NVNT	ac80	5775	Ant1	-38.55	-27	Pass
NVNT	ac80	5775	Ant2	-38.18	-27	Pass
NVNT	ax20	5745	Ant1	-35.34	-27	Pass
NVNT	ax20	5785	Ant1	-38.32	-27	Pass
NVNT	ax20	5825	Ant1	-36.94	-27	Pass
NVNT	ax20	5745	Ant2	-38.59	-27	Pass
NVNT	ax20	5785	Ant2	-38.41	-27	Pass
NVNT	ax20	5825	Ant2	-38.6	-27	Pass
NVNT	ax40	5755	Ant1	-38.74	-27	Pass
NVNT	ax40	5795	Ant1	-35.24	-27	Pass
NVNT	ax40	5755	Ant2	-37.3	-27	Pass
NVNT	ax40	5795	Ant2	-38.33	-27	Pass
NVNT	ax80	5775	Ant1	-38.43	-27	Pass
NVNT	ax80	5775	Ant2	-38.29	-27	Pass
NVNT	n20	5745	Ant1	-33.4	-27	Pass
NVNT	n20	5785	Ant1	-30.4	-27	Pass
NVNT	n20	5825	Ant1	-32.53	-27	Pass
NVNT	n20	5745	Ant2	-37.66	-27	Pass
NVNT	n20	5785	Ant2	-38.31	-27	Pass
NVNT	n20	5825	Ant2	-38.9	-27	Pass
NVNT	n40	5755	Ant1	-33.56	-27	Pass
NVNT	n40	5795	Ant1	-36.92	-27	Pass
NVNT	n40	5755	Ant2	-38.27	-27	Pass
NVNT	n40	5795	Ant2	-38.67	-27	Pass

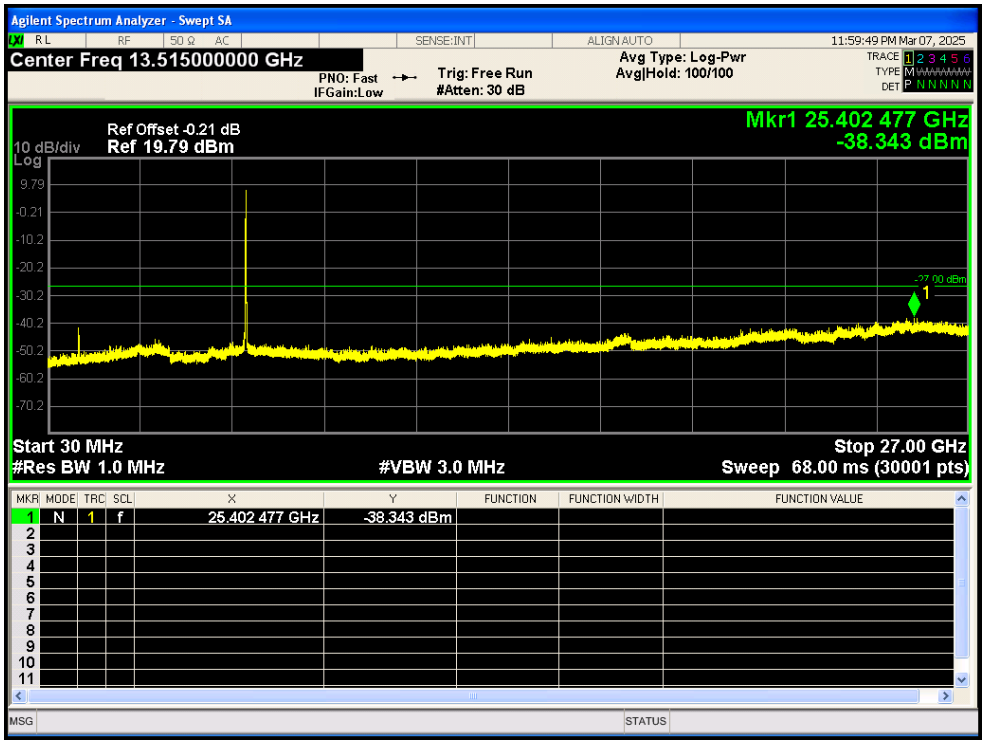
Tx. Spurious NVNT a 5745MHz Ant1 Emission



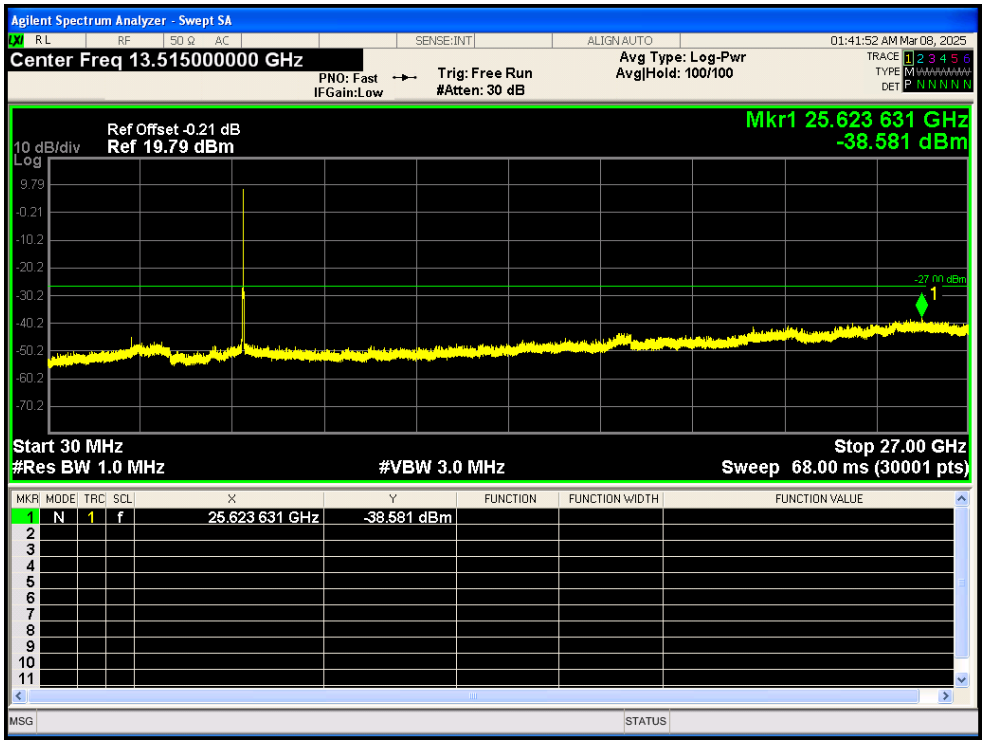
Tx. Spurious NVNT a 5785MHz Ant1 Emission



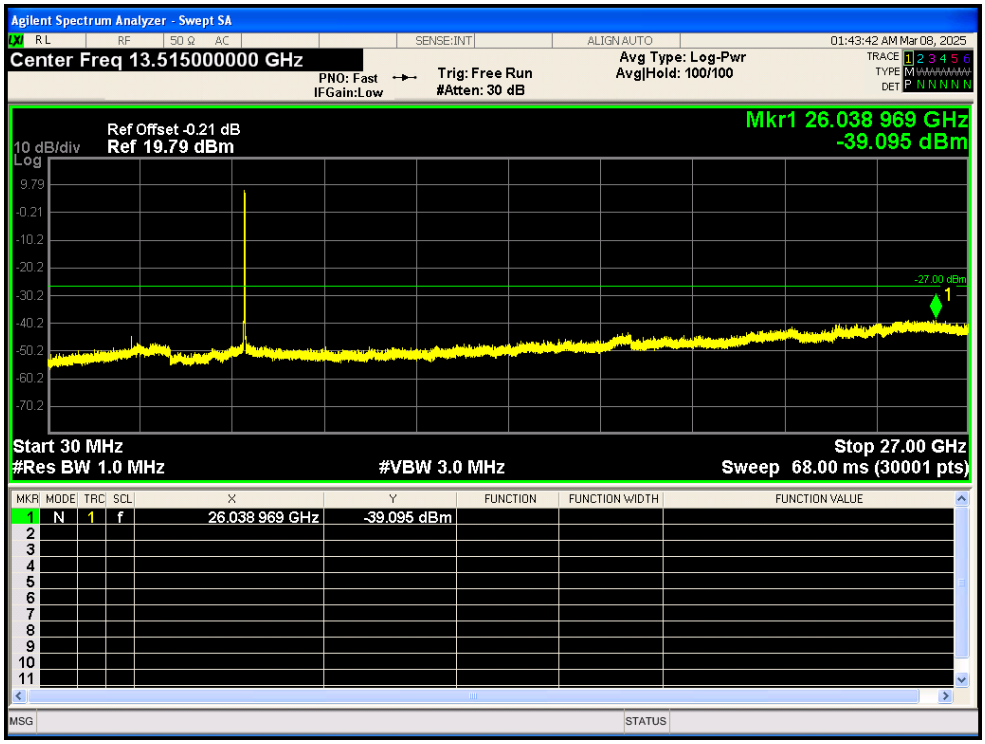
Tx. Spurious NVNT a 5825MHz Ant1 Emission



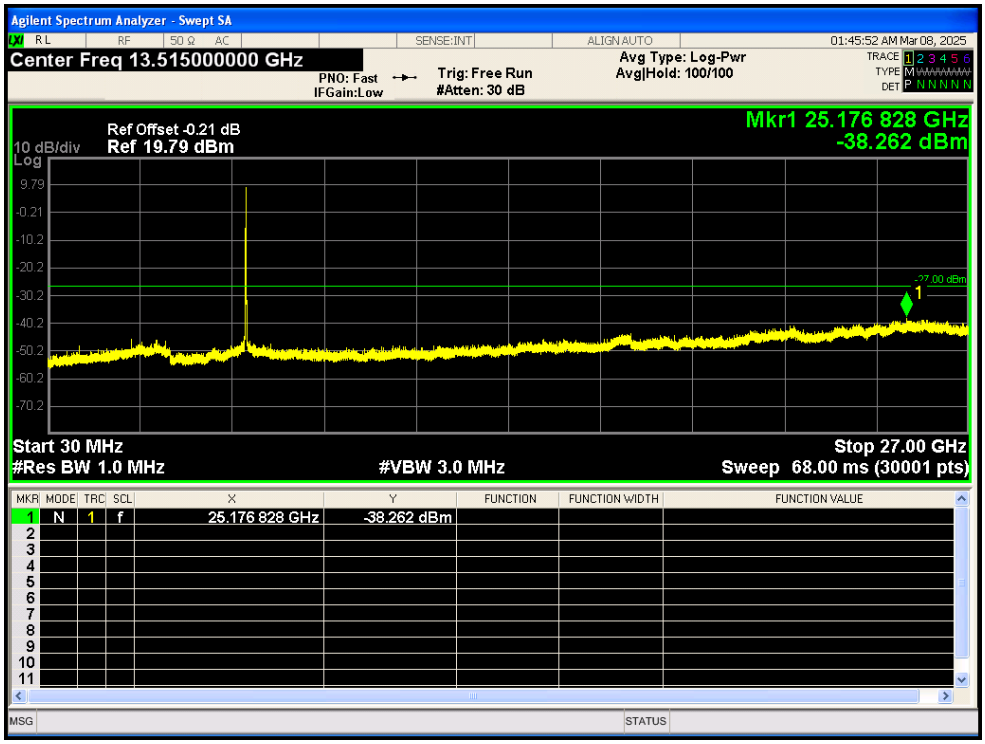
Tx. Spurious NVNT a 5745MHz Ant2 Emission



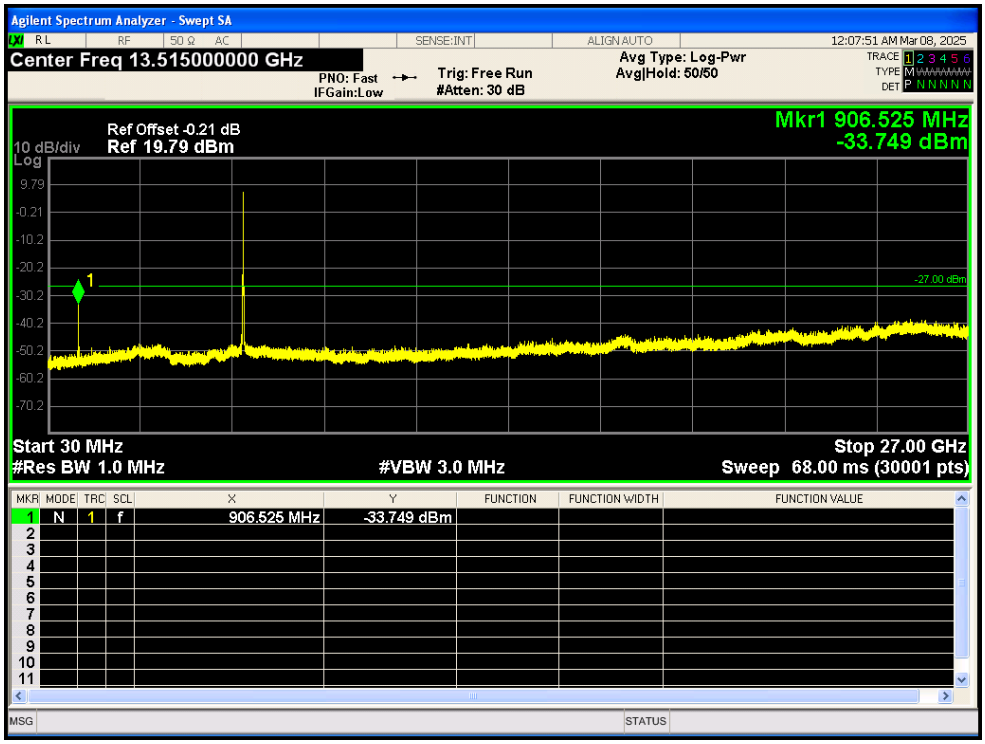
Tx. Spurious NVNT a 5785MHz Ant2 Emission



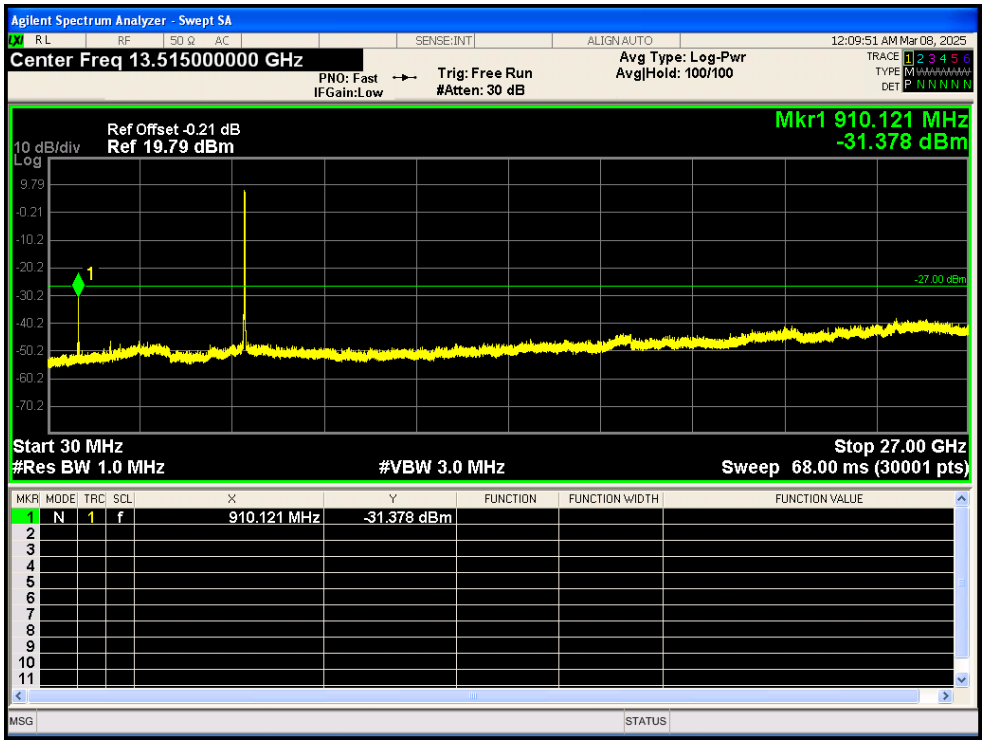
Tx. Spurious NVNT a 5825MHz Ant2 Emission



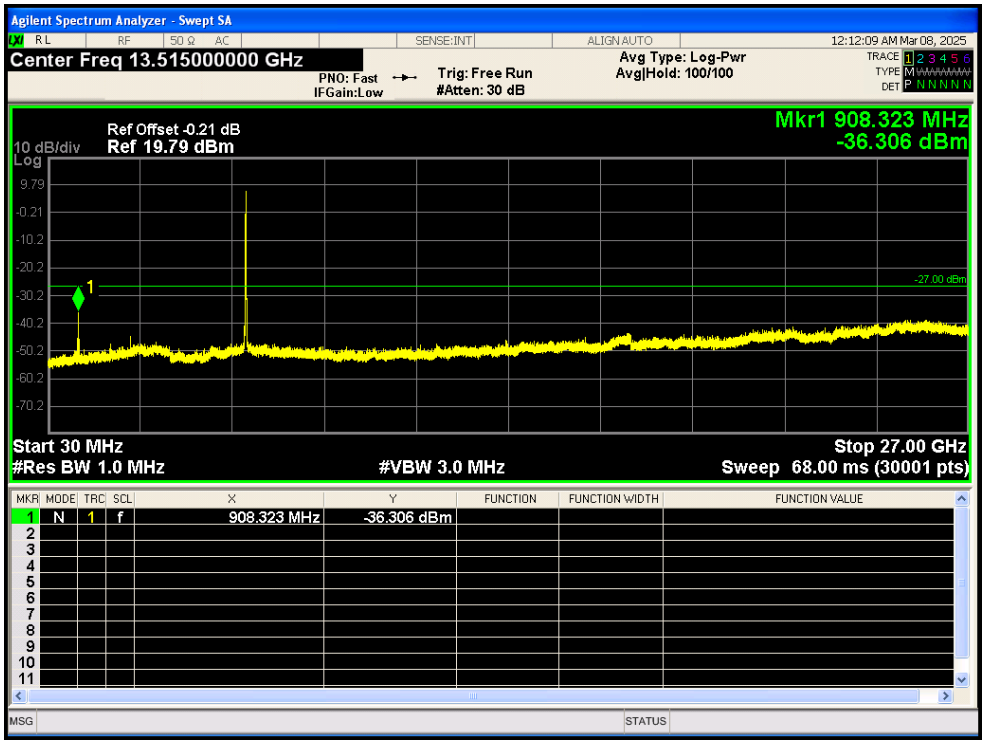
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



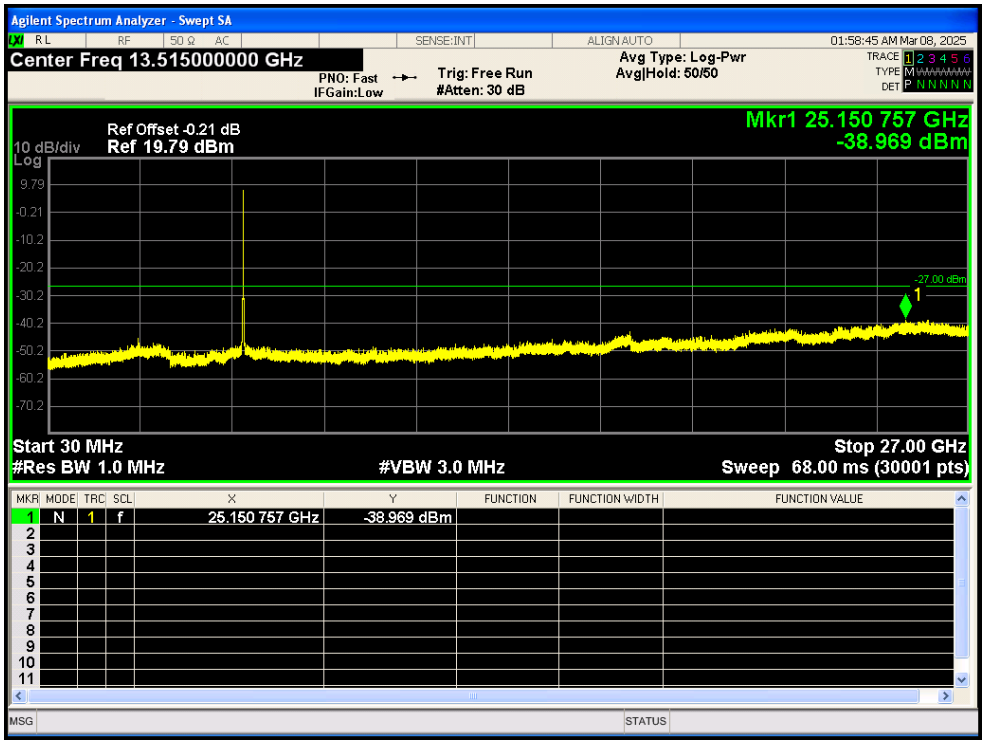
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



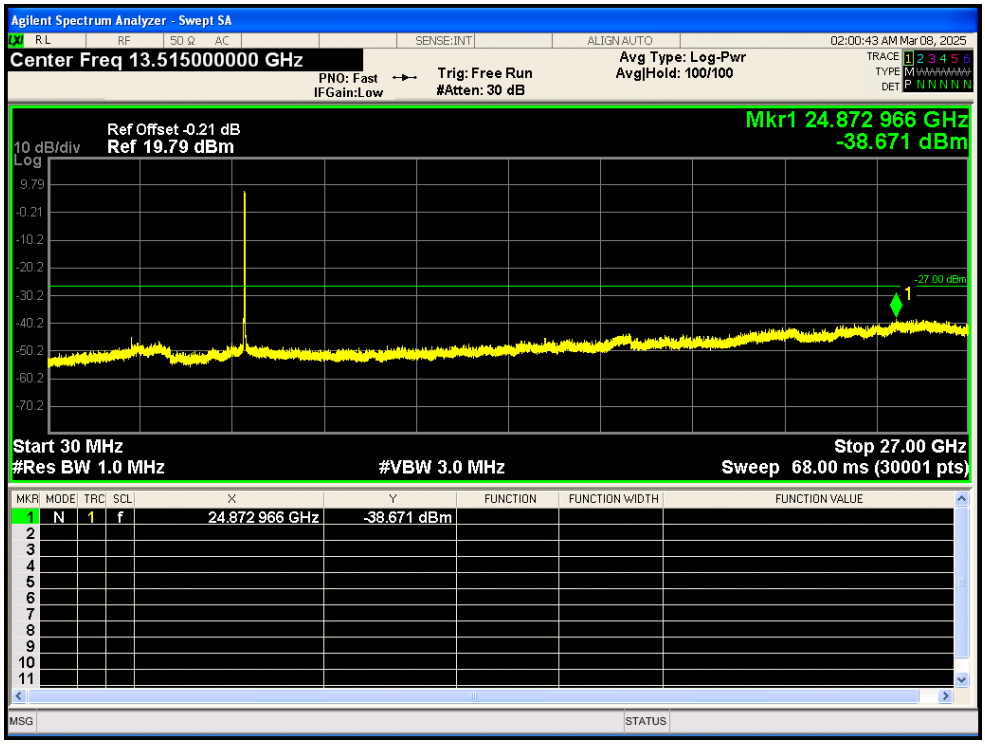
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



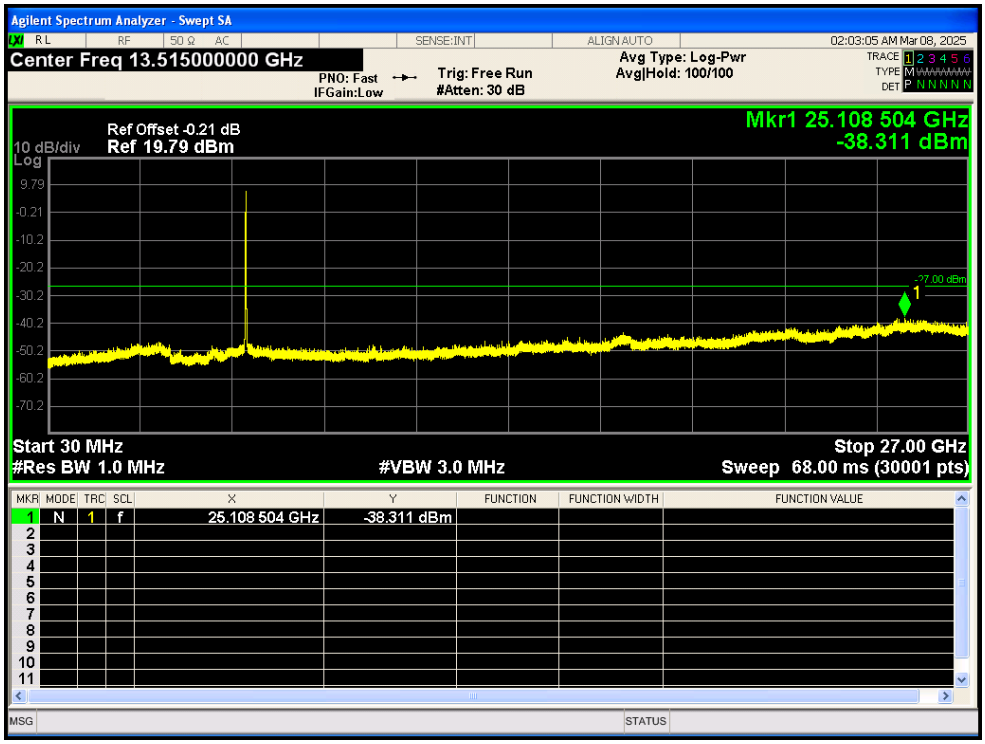
Tx. Spurious NVNT ac20 5745MHz Ant2 Emission



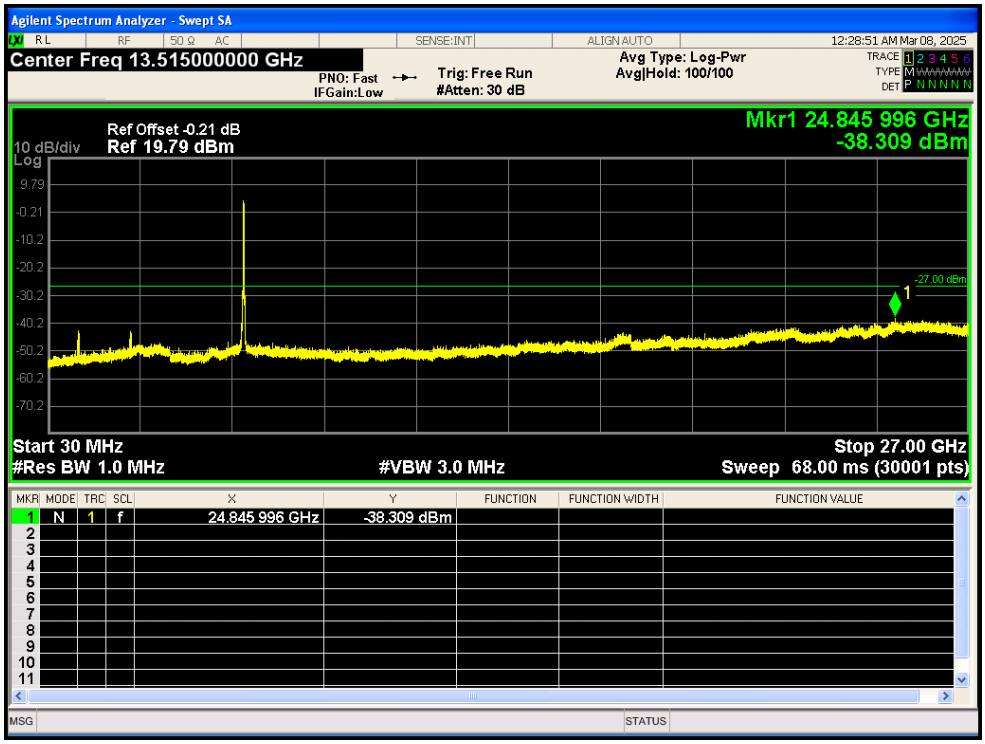
Tx. Spurious NVNT ac20 5785MHz Ant2 Emission



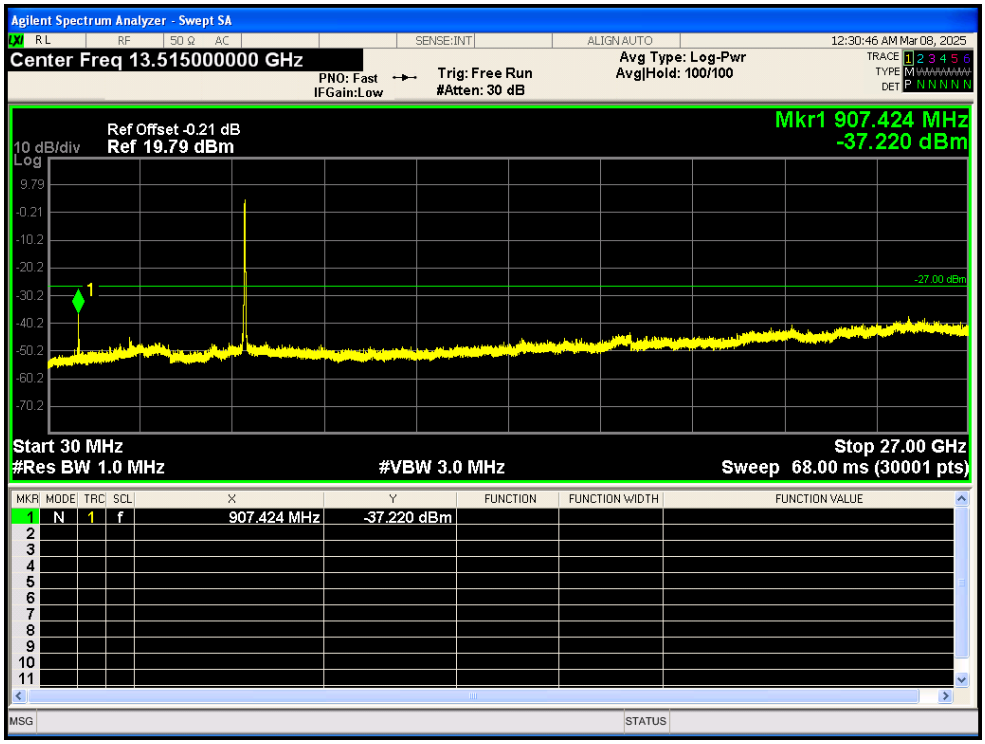
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



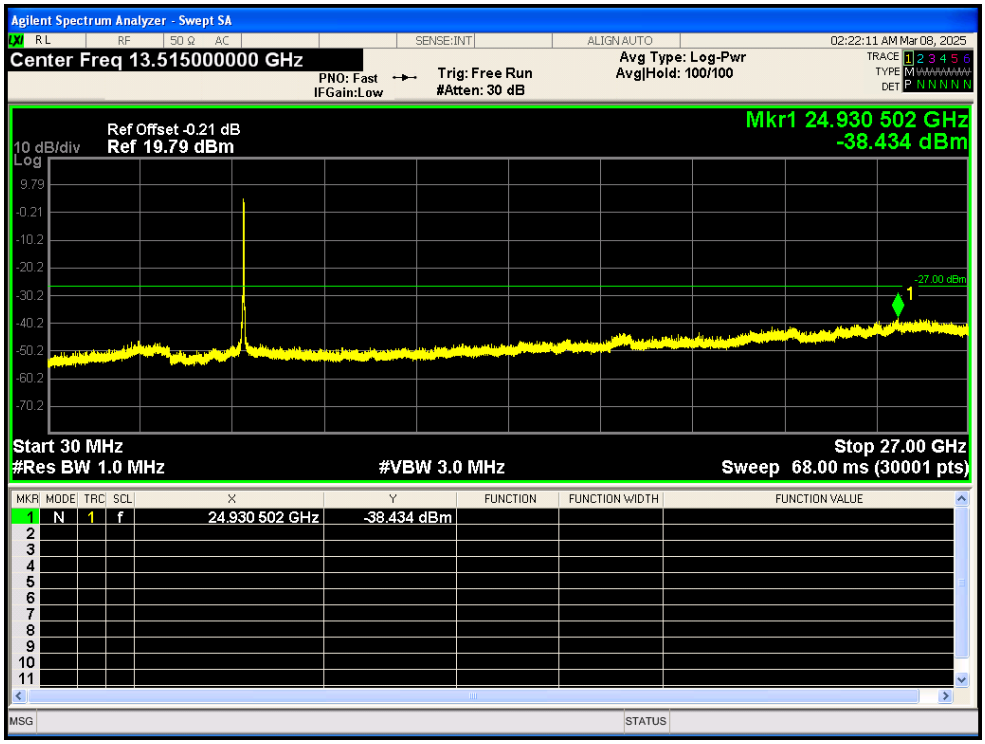
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



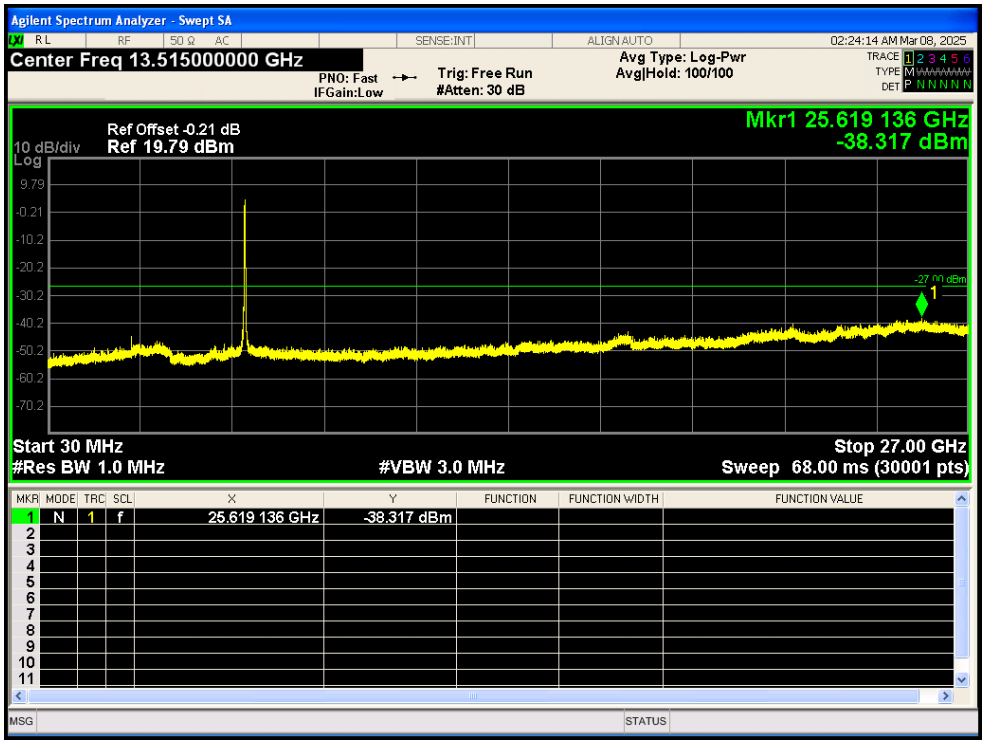
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



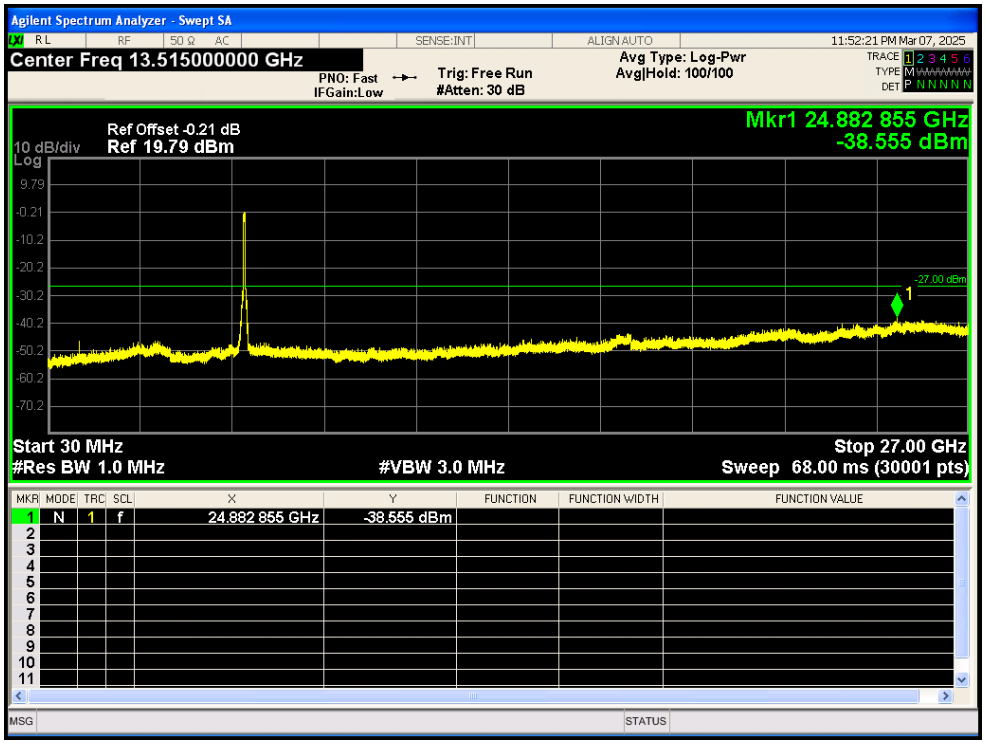
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



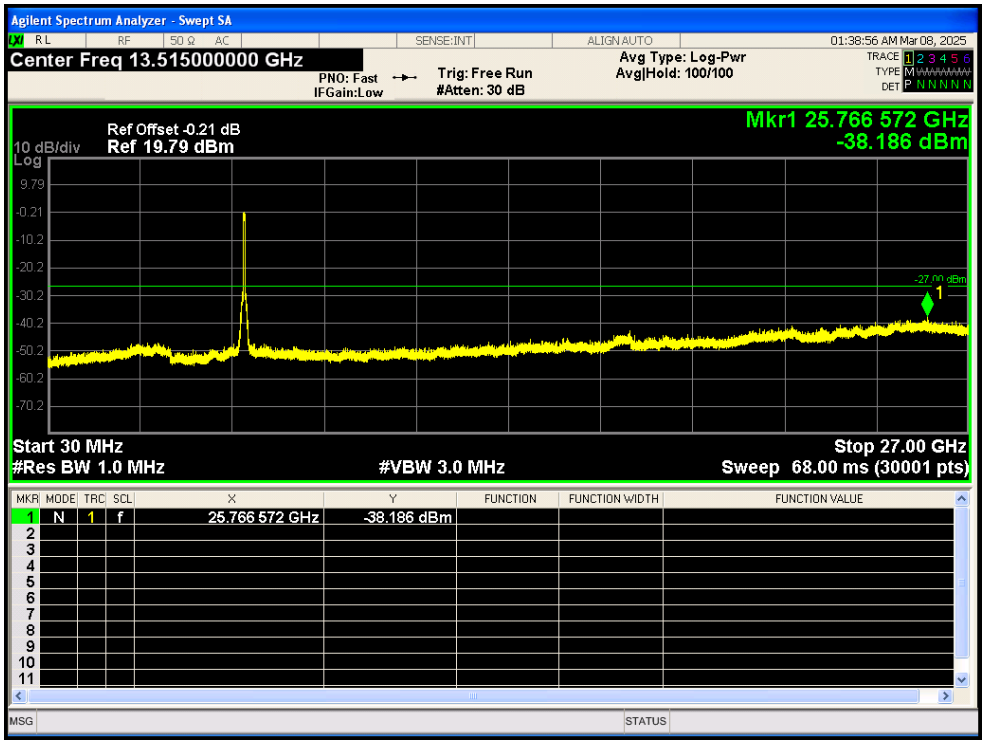
Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



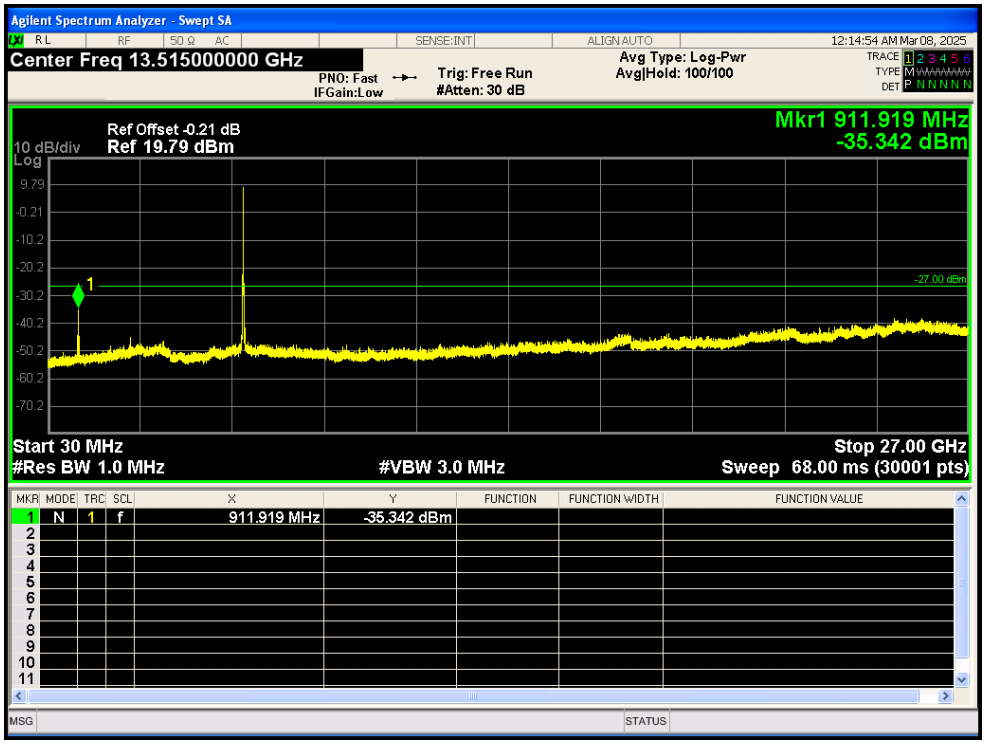
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



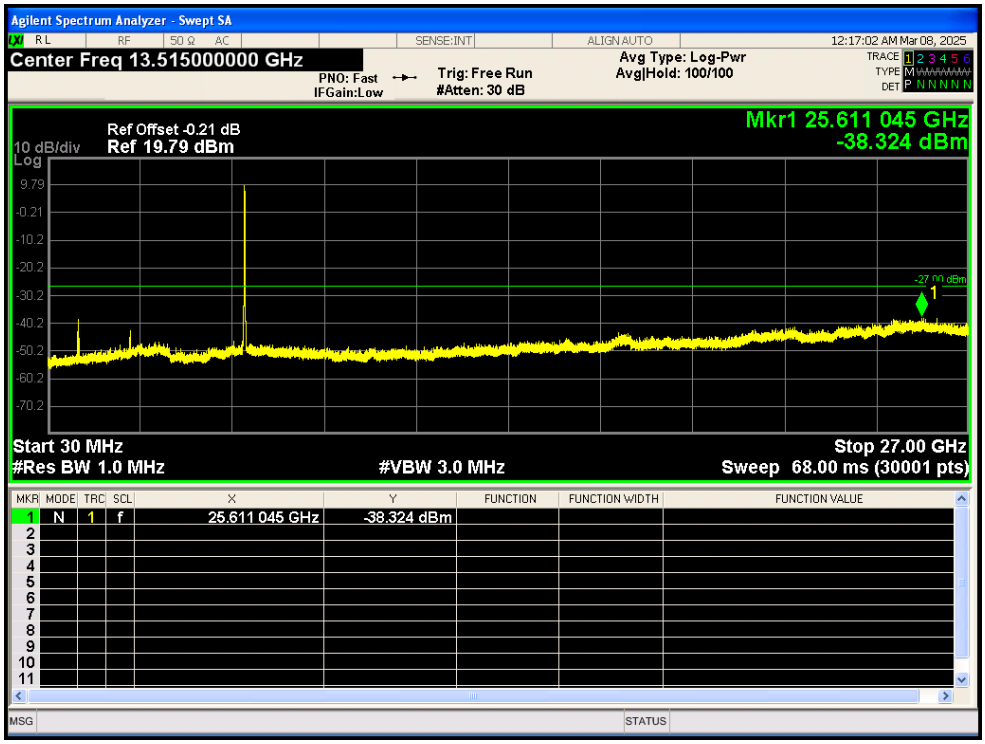
Tx. Spurious NVNT ac80 5775MHz Ant2 Emission



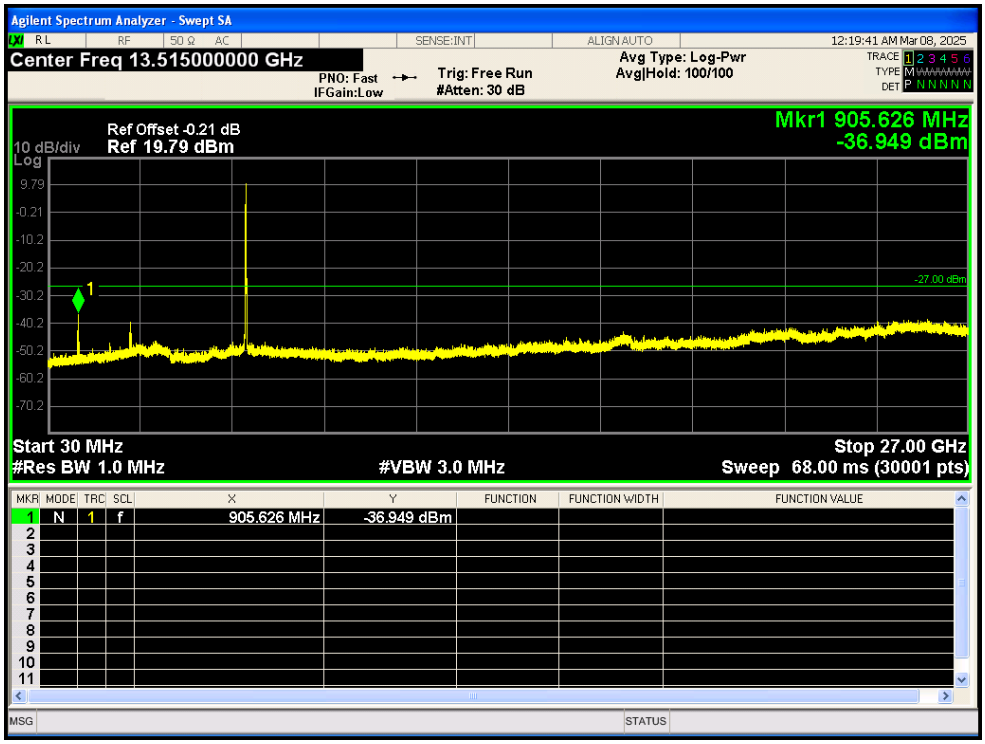
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



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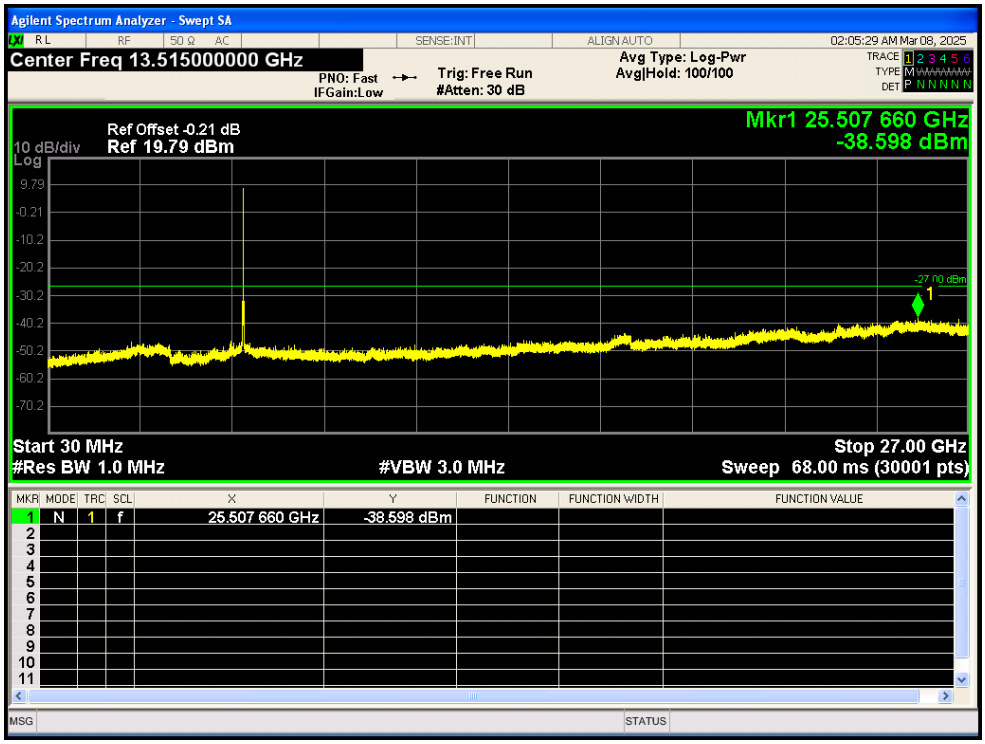
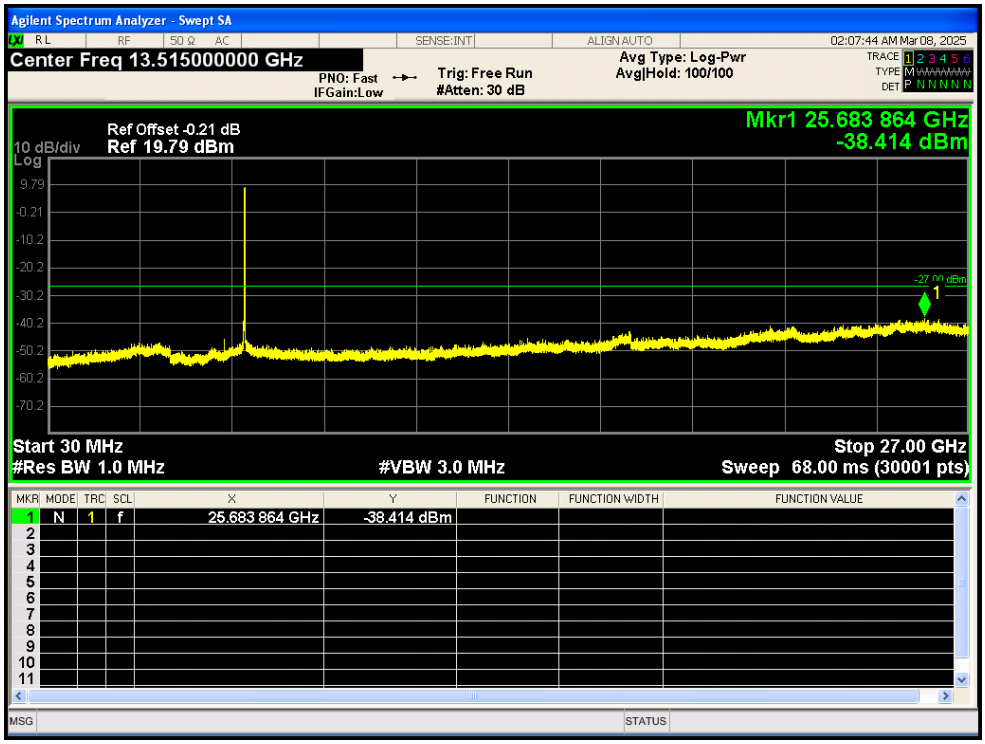
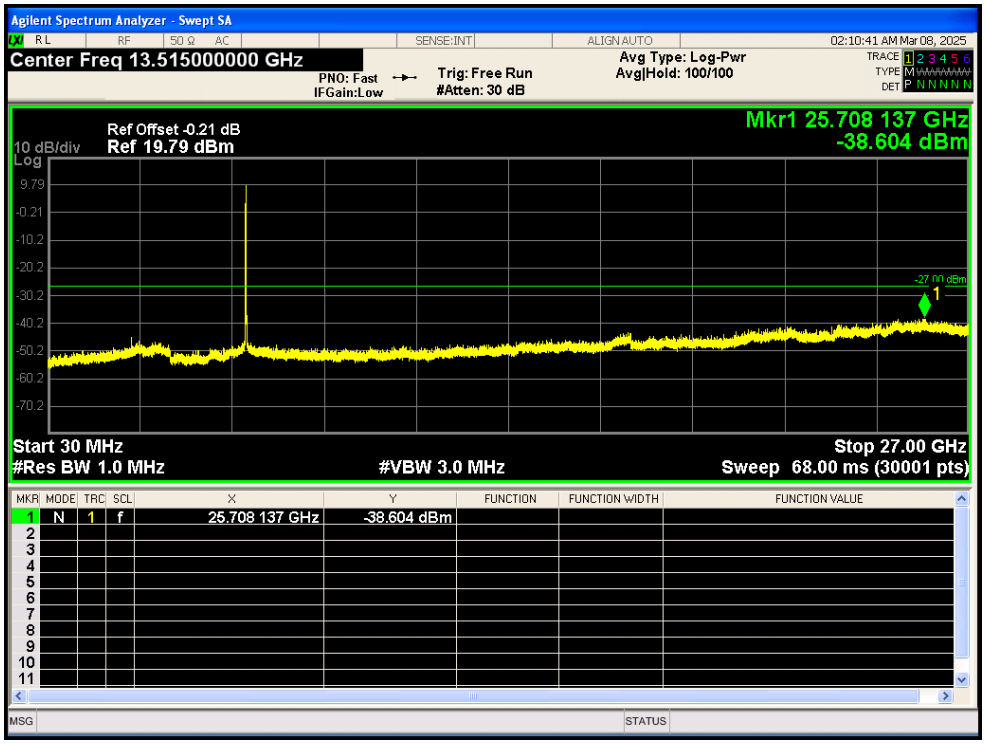


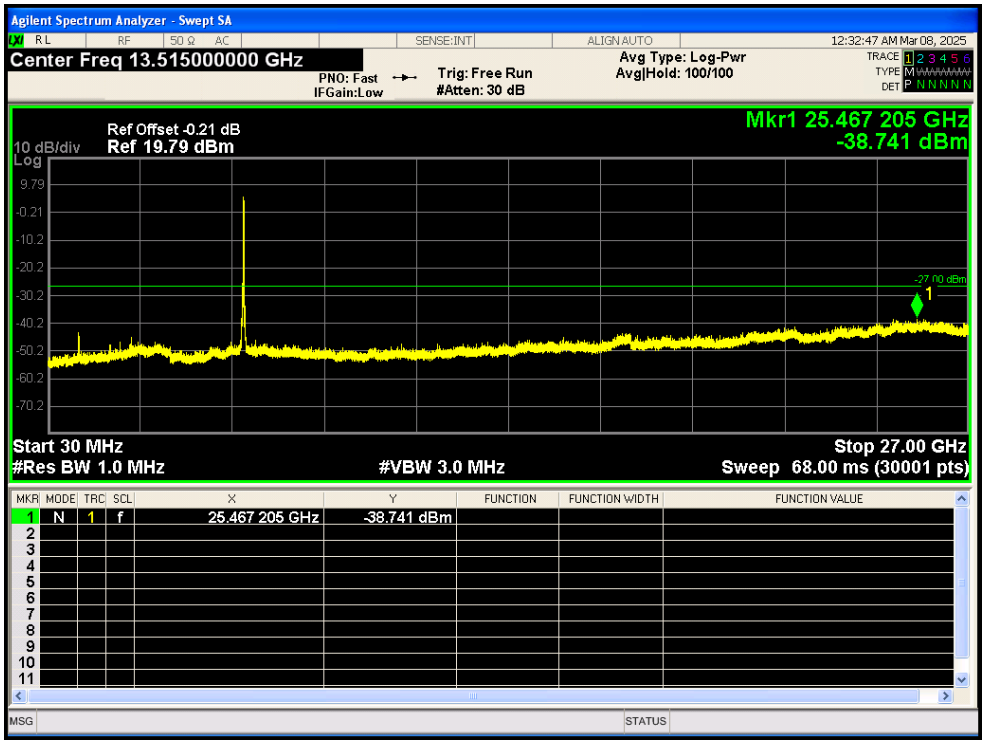
Tx. Spurious NVNT ax20 5785MHz Ant2 Emission



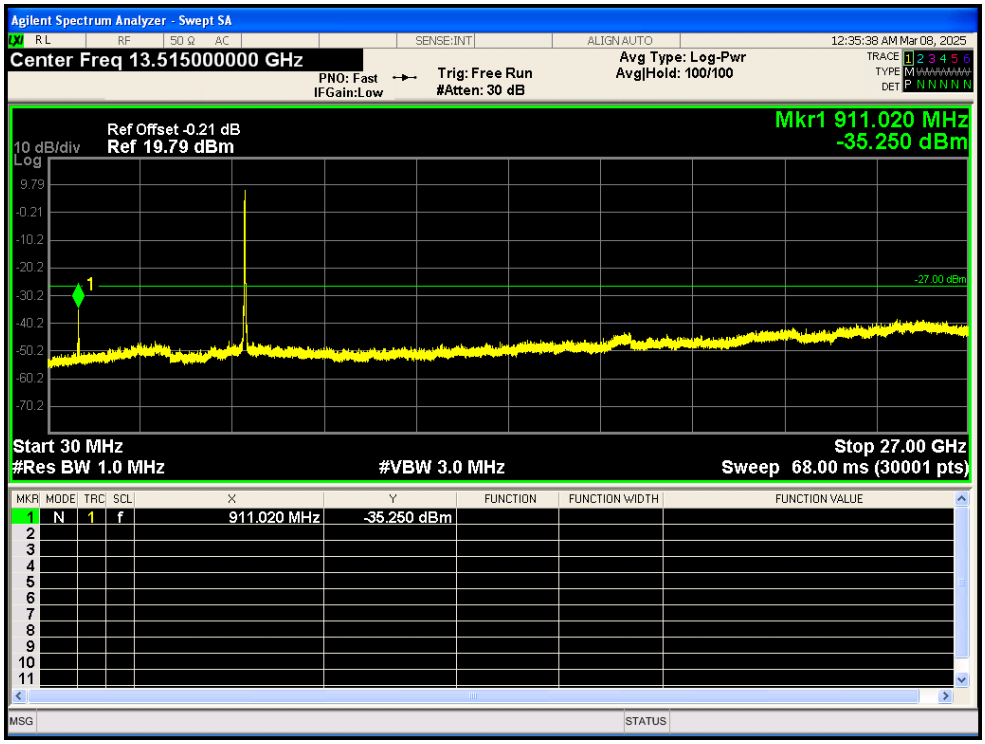
Tx. Spurious NVNT ax20 5825MHz Ant2 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission



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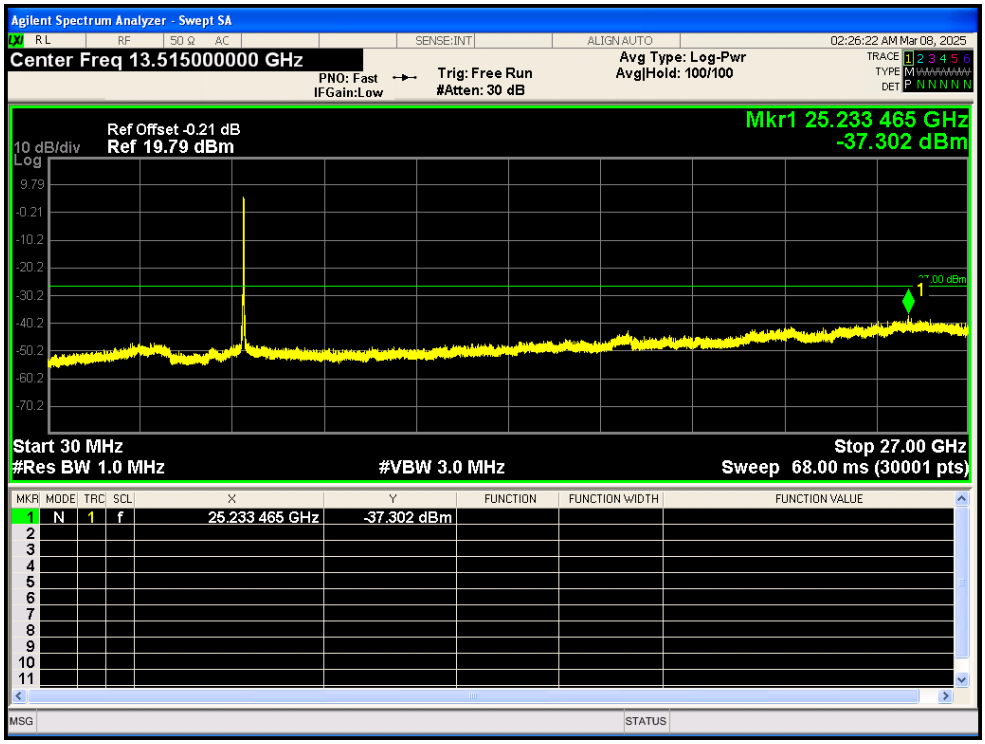
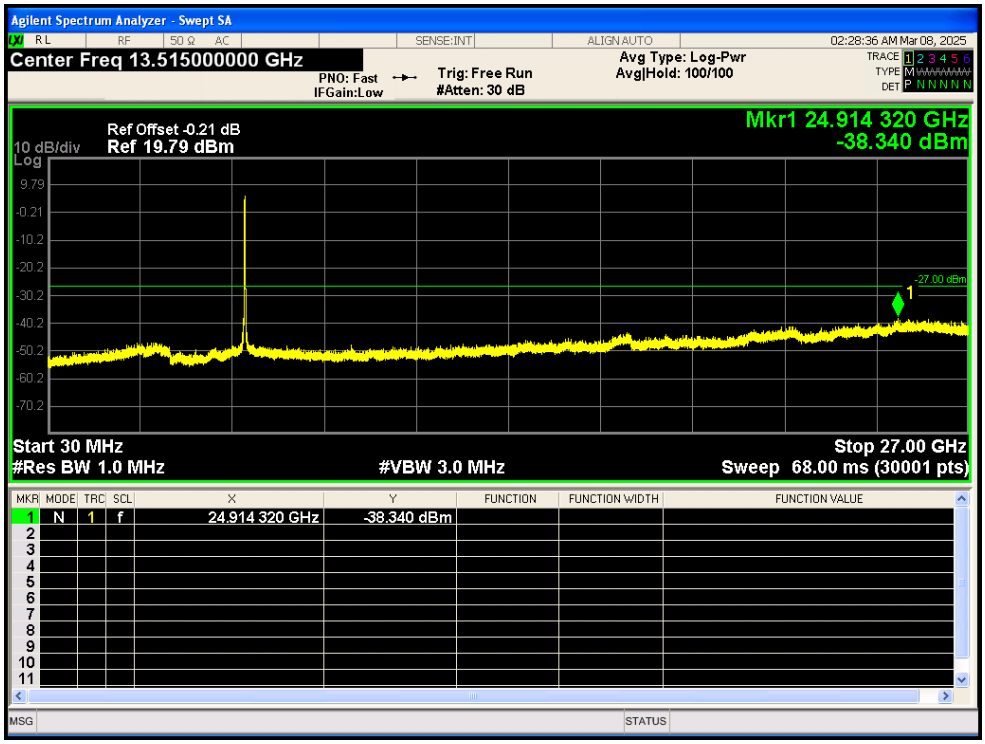
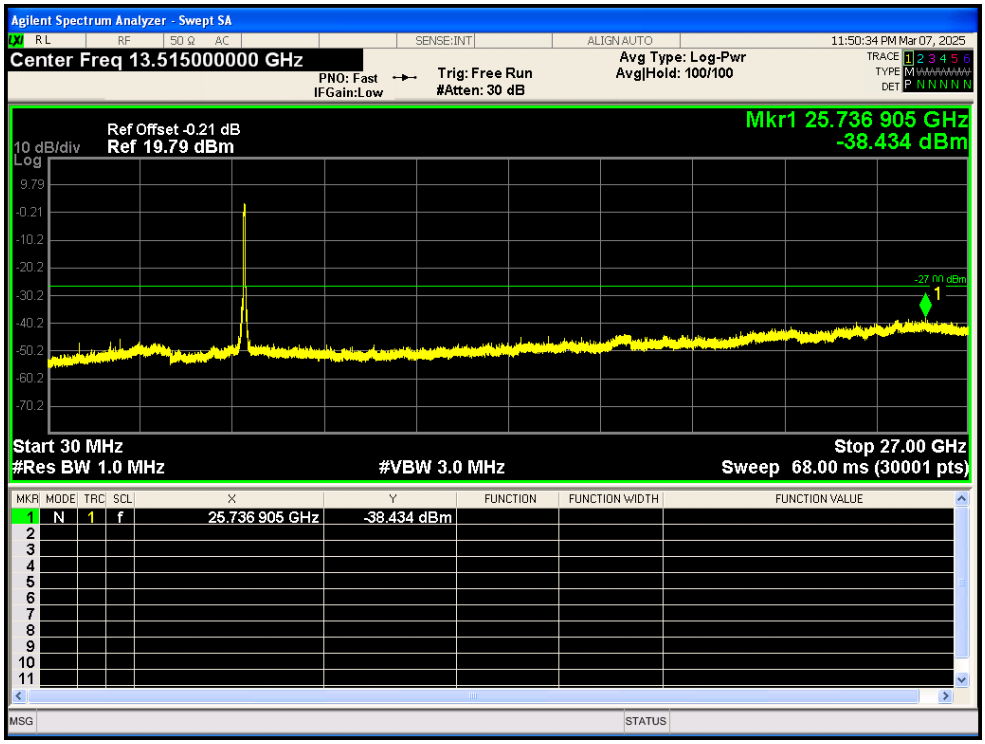


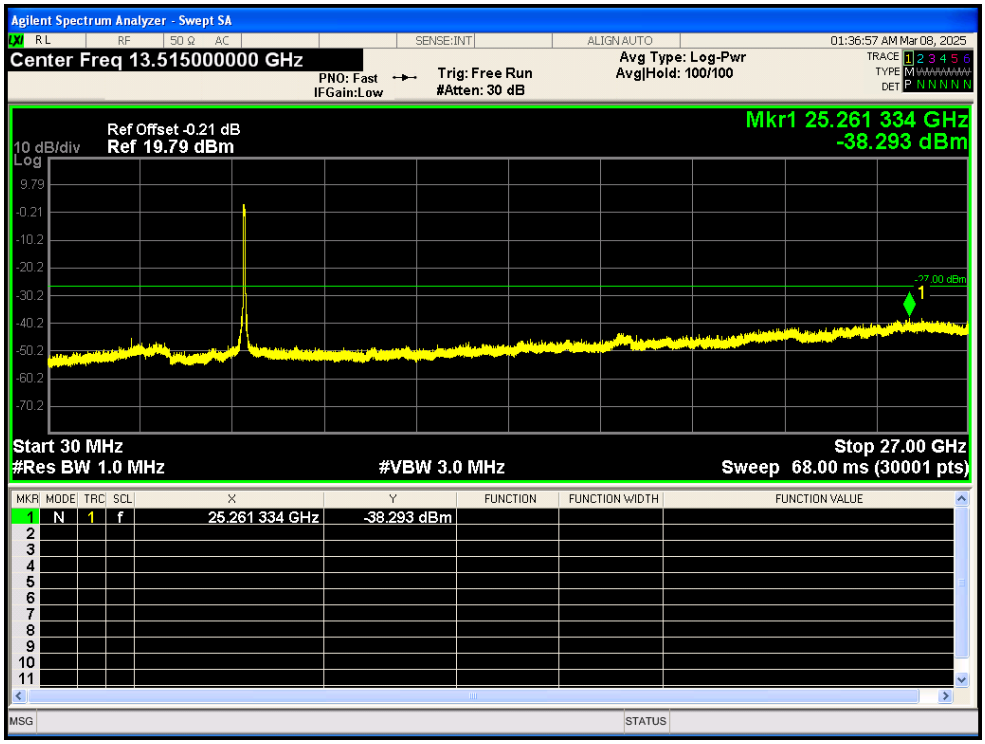
Tx. Spurious NVNT ax40 5795MHz Ant2 Emission



Tx. Spurious NVNT ax80 5775MHz Ant1 Emission



Tx. Spurious NVNT ax80 5775MHz Ant2 Emission



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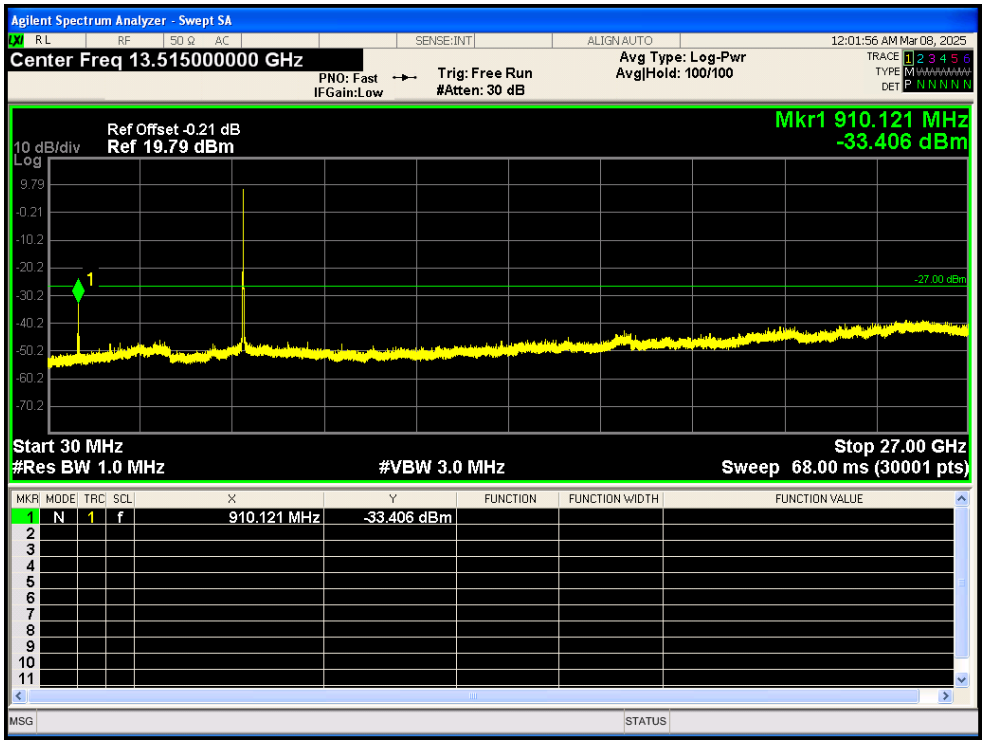

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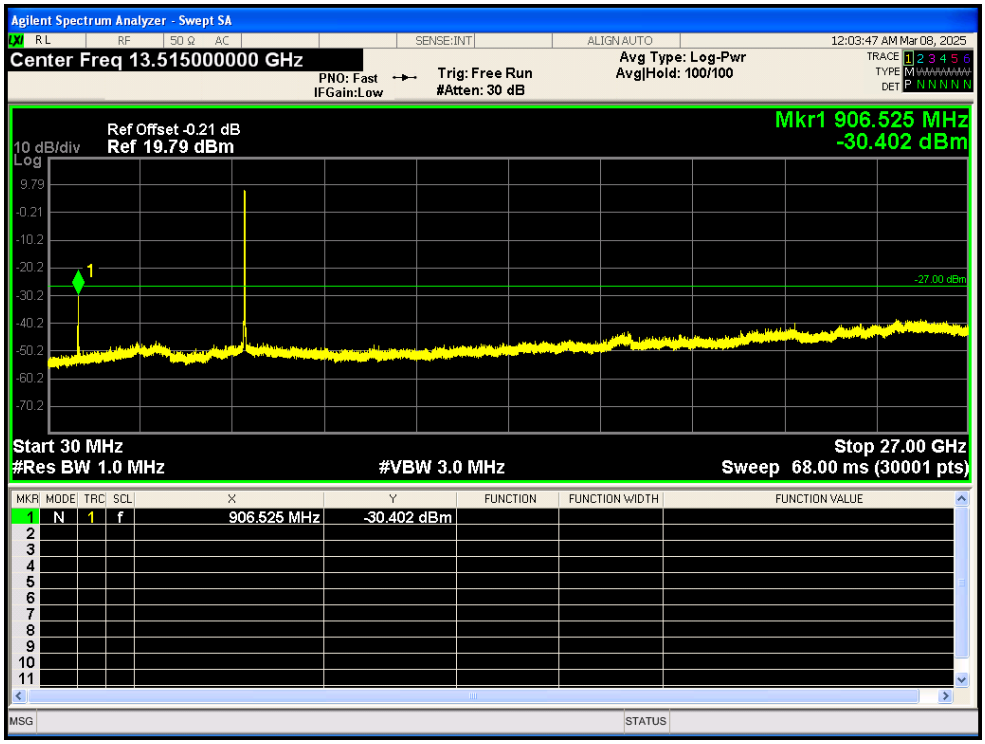

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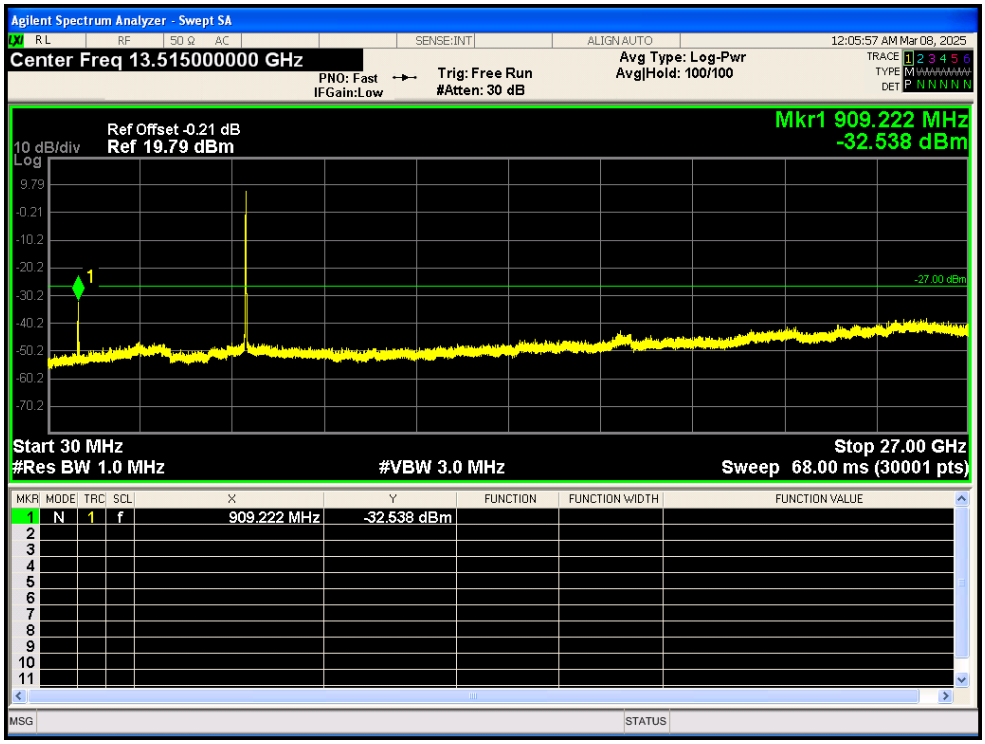
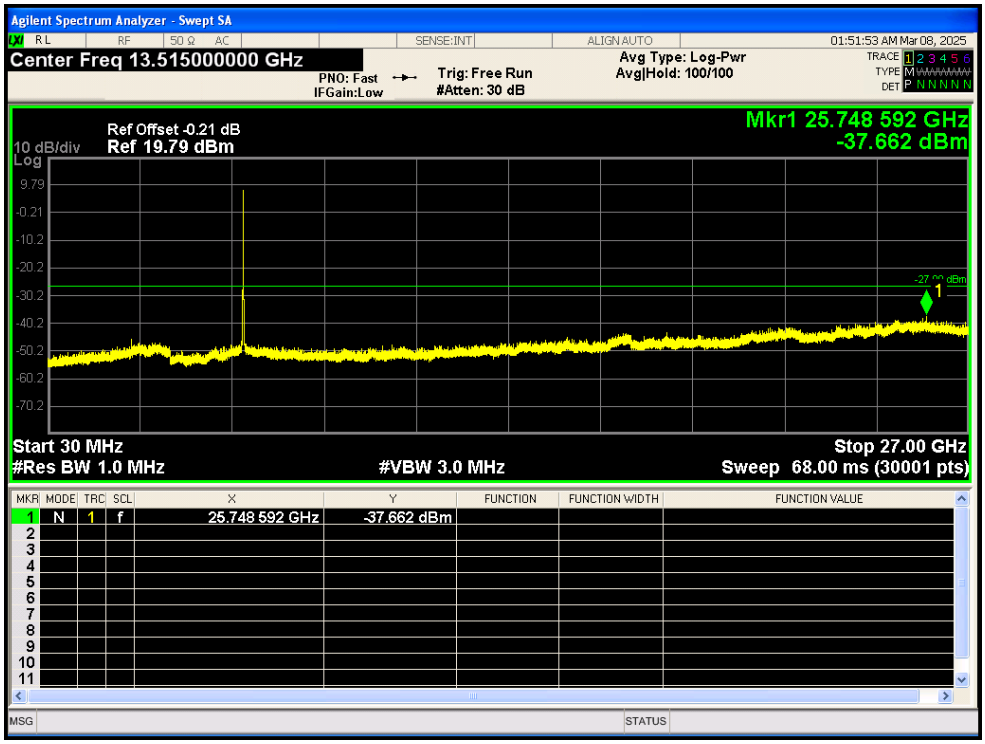


Tx. Spurious NVNT n20 5745MHz Ant2 Emission



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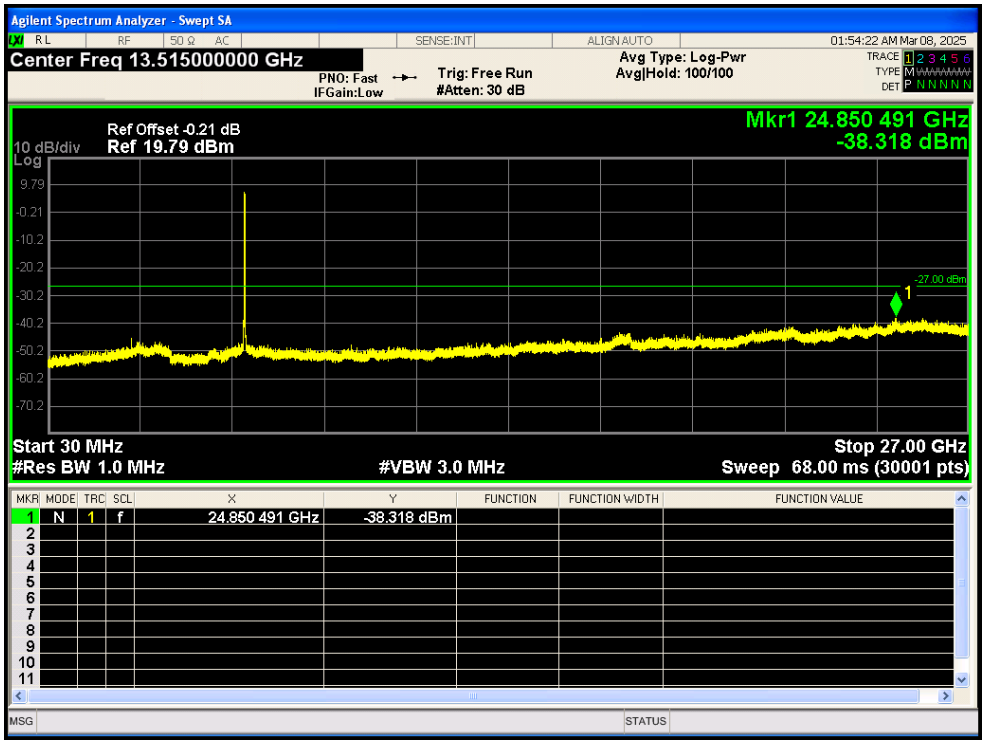

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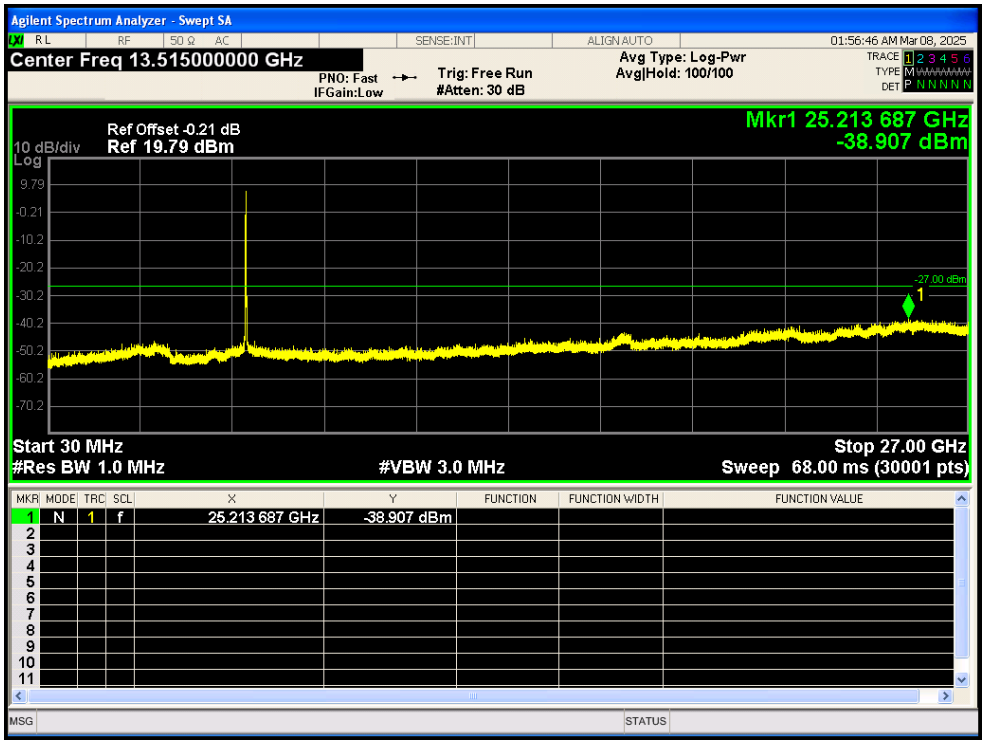

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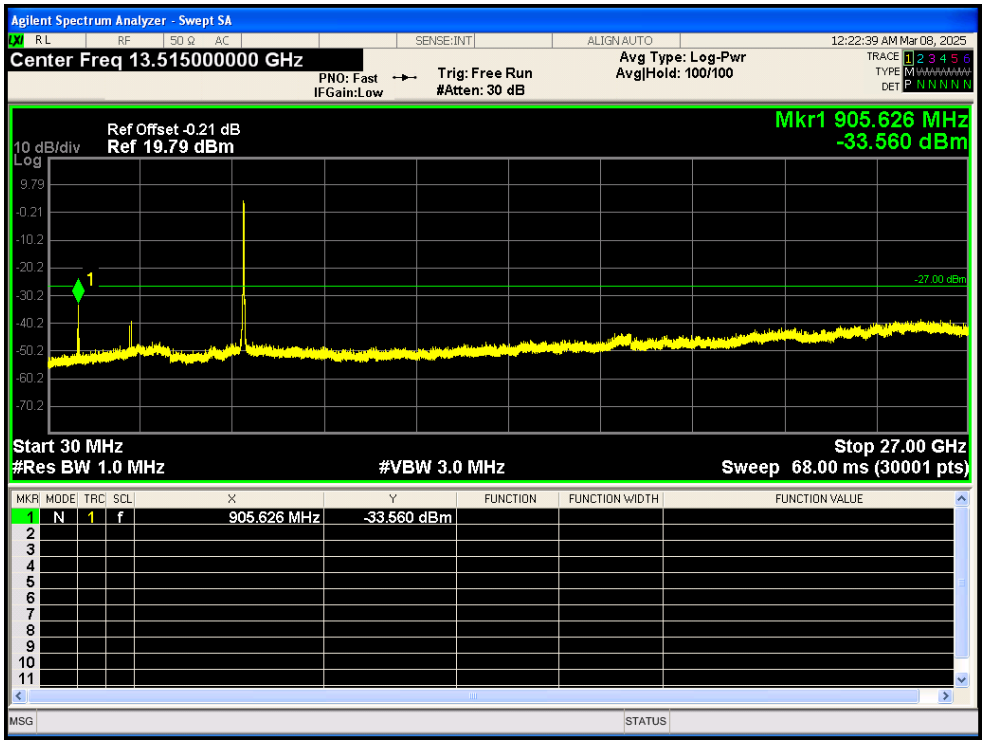

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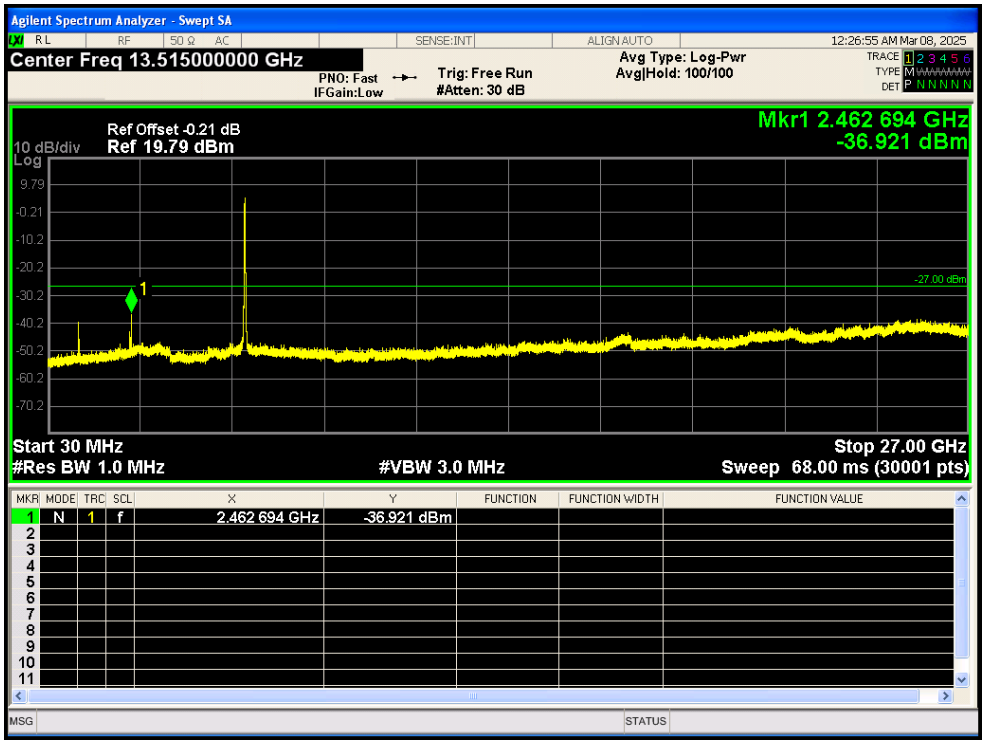

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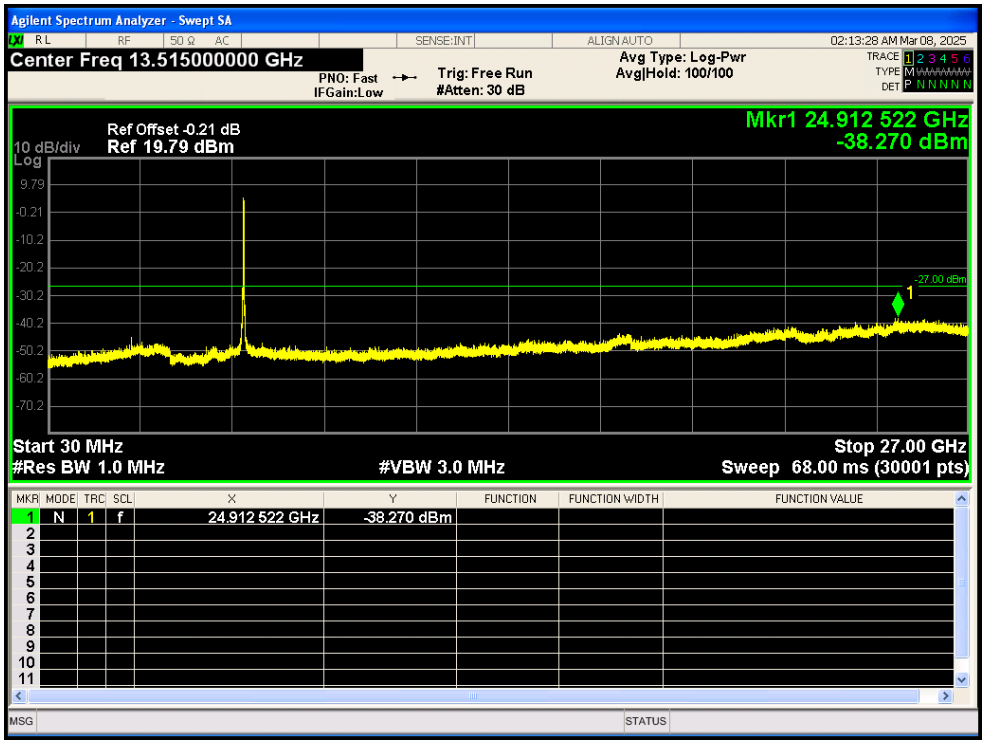
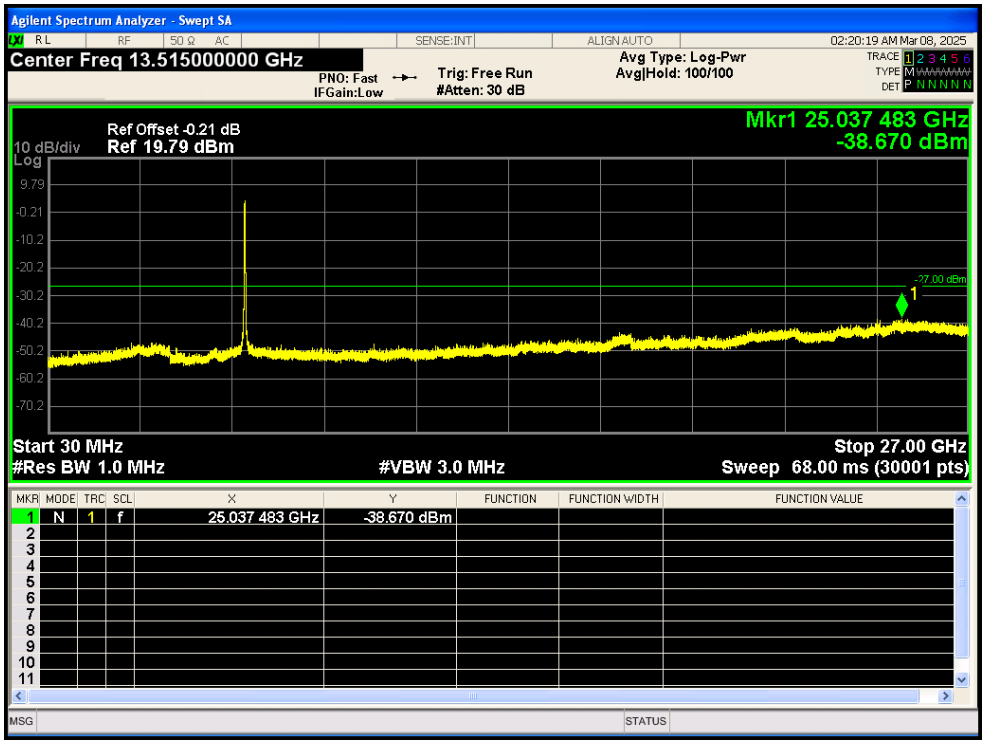


Tx. Spurious NVNT n40 5795MHz Ant2 Emission



WIFI 5.8G MIMO:

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	10.24	30	Pass
NVNT	ac20	5745	Ant2	12.96	30	Pass
NVNT	ac20	5745	Sum	14.82	30	Pass
NVNT	ac20	5785	Ant1	10.36	30	Pass
NVNT	ac20	5785	Ant2	12.96	30	Pass
NVNT	ac20	5785	Sum	14.86	30	Pass
NVNT	ac20	5825	Ant1	9.79	30	Pass
NVNT	ac20	5825	Ant2	13.78	30	Pass
NVNT	ac20	5825	Sum	15.24	30	Pass
NVNT	ac40	5755	Ant1	10.54	30	Pass
NVNT	ac40	5755	Ant2	12.7	30	Pass
NVNT	ac40	5755	Sum	14.76	30	Pass
NVNT	ac40	5795	Ant1	9.37	30	Pass
NVNT	ac40	5795	Ant2	13.12	30	Pass
NVNT	ac40	5795	Sum	14.65	30	Pass
NVNT	ac80	5775	Ant1	9.78	30	Pass
NVNT	ac80	5775	Ant2	12.41	30	Pass
NVNT	ac80	5775	Sum	14.3	30	Pass
NVNT	ax20	5745	Ant1	10.12	30	Pass
NVNT	ax20	5745	Ant2	12.97	30	Pass
NVNT	ax20	5745	Sum	14.79	30	Pass
NVNT	ax20	5785	Ant1	10.62	30	Pass
NVNT	ax20	5785	Ant2	12.96	30	Pass
NVNT	ax20	5785	Sum	14.96	30	Pass
NVNT	ax20	5825	Ant1	10.36	30	Pass
NVNT	ax20	5825	Ant2	13.74	30	Pass
NVNT	ax20	5825	Sum	15.38	30	Pass
NVNT	ax40	5755	Ant1	10.21	30	Pass
NVNT	ax40	5755	Ant2	12.64	30	Pass
NVNT	ax40	5755	Sum	14.6	30	Pass
NVNT	ax40	5795	Ant1	9.49	30	Pass
NVNT	ax40	5795	Ant2	13.26	30	Pass
NVNT	ax40	5795	Sum	14.78	30	Pass
NVNT	ax80	5775	Ant1	9.85	30	Pass
NVNT	ax80	5775	Ant2	12.73	30	Pass
NVNT	ax80	5775	Sum	14.53	30	Pass

NVNT	n20	5745	Ant1	9.65	30	Pass
NVNT	n20	5745	Ant2	12.78	30	Pass
NVNT	n20	5745	Sum	14.5	30	Pass
NVNT	n20	5785	Ant1	10.54	30	Pass
NVNT	n20	5785	Ant2	13.07	30	Pass
NVNT	n20	5785	Sum	15	30	Pass
NVNT	n20	5825	Ant1	9.89	30	Pass
NVNT	n20	5825	Ant2	13.73	30	Pass
NVNT	n20	5825	Sum	15.23	30	Pass
NVNT	n40	5755	Ant1	10.17	30	Pass
NVNT	n40	5755	Ant2	12.77	30	Pass
NVNT	n40	5755	Sum	14.67	30	Pass
NVNT	n40	5795	Ant1	9.63	30	Pass
NVNT	n40	5795	Ant2	13.07	30	Pass
NVNT	n40	5795	Sum	14.69	30	Pass

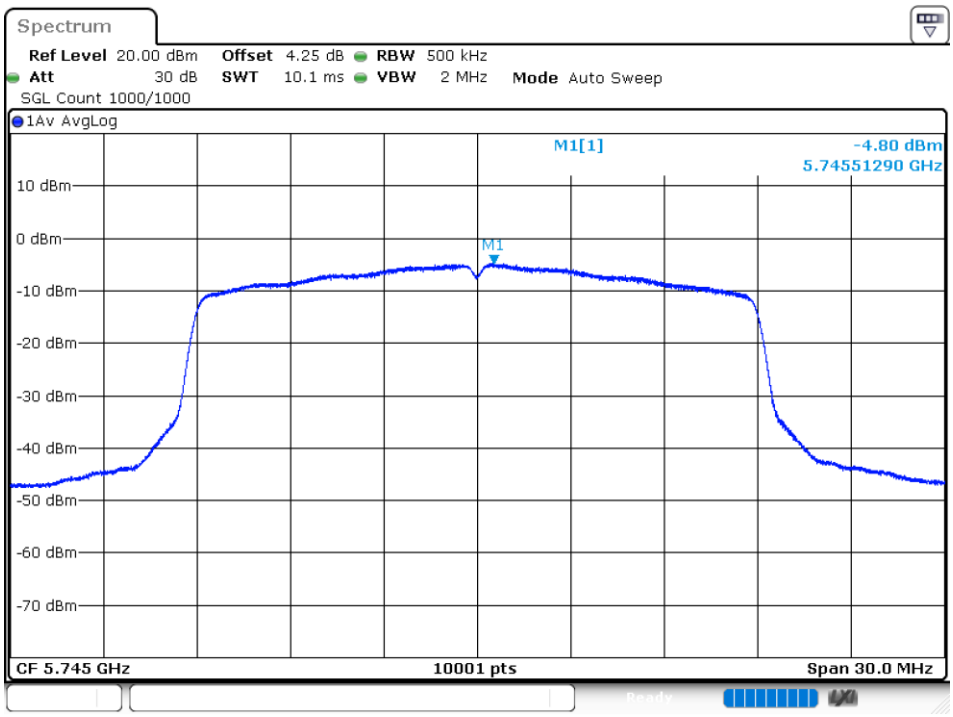
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	-4.8	30	Pass
NVNT	ac20	5745	Ant2	-1.72	30	Pass
NVNT	ac20	5745	Sum	0.02	30	Pass
NVNT	ac20	5785	Ant1	-6.14	30	Pass
NVNT	ac20	5785	Ant2	-2.31	30	Pass
NVNT	ac20	5785	Sum	-0.81	30	Pass
NVNT	ac20	5825	Ant1	-5.72	30	Pass
NVNT	ac20	5825	Ant2	-2.58	30	Pass
NVNT	ac20	5825	Sum	-0.86	30	Pass
NVNT	ac40	5755	Ant1	-8.2	30	Pass
NVNT	ac40	5755	Ant2	-5.03	30	Pass
NVNT	ac40	5755	Sum	-3.32	30	Pass
NVNT	ac40	5795	Ant1	-10.43	30	Pass
NVNT	ac40	5795	Ant2	-5.91	30	Pass
NVNT	ac40	5795	Sum	-4.6	30	Pass
NVNT	ac80	5775	Ant1	-13.85	30	Pass
NVNT	ac80	5775	Ant2	-10.63	30	Pass
NVNT	ac80	5775	Sum	-8.94	30	Pass
NVNT	ax20	5745	Ant1	-5.39	30	Pass
NVNT	ax20	5745	Ant2	-2.44	30	Pass
NVNT	ax20	5745	Sum	-0.66	30	Pass
NVNT	ax20	5785	Ant1	-6.45	30	Pass
NVNT	ax20	5785	Ant2	-2.74	30	Pass
NVNT	ax20	5785	Sum	-1.2	30	Pass
NVNT	ax20	5825	Ant1	-6.19	30	Pass
NVNT	ax20	5825	Ant2	-3.12	30	Pass
NVNT	ax20	5825	Sum	-1.38	30	Pass
NVNT	ax40	5755	Ant1	-8.67	30	Pass
NVNT	ax40	5755	Ant2	-5.58	30	Pass
NVNT	ax40	5755	Sum	-3.85	30	Pass
NVNT	ax40	5795	Ant1	-10.75	30	Pass
NVNT	ax40	5795	Ant2	-6.18	30	Pass
NVNT	ax40	5795	Sum	-4.88	30	Pass
NVNT	ax80	5775	Ant1	-13.38	30	Pass
NVNT	ax80	5775	Ant2	-10.35	30	Pass
NVNT	ax80	5775	Sum	-8.6	30	Pass
NVNT	n20	5745	Ant1	-5.4	30	Pass
NVNT	n20	5745	Ant2	-1.9	30	Pass
NVNT	n20	5745	Sum	-0.3	30	Pass
NVNT	n20	5785	Ant1	-5.12	30	Pass
NVNT	n20	5785	Ant2	-1.23	30	Pass

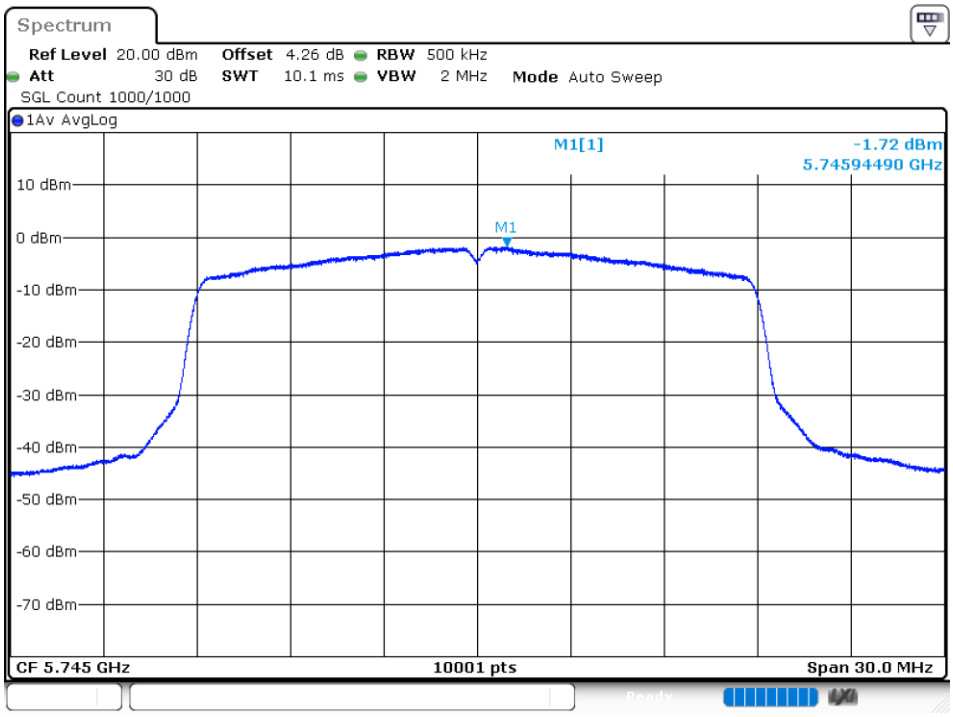
NVNT	n20	5785	Sum	0.26	30	Pass
NVNT	n20	5825	Ant1	-5.79	30	Pass
NVNT	n20	5825	Ant2	-2.54	30	Pass
NVNT	n20	5825	Sum	-0.86	30	Pass
NVNT	n40	5755	Ant1	-8.8	30	Pass
NVNT	n40	5755	Ant2	-5.33	30	Pass
NVNT	n40	5755	Sum	-3.72	30	Pass
NVNT	n40	5795	Ant1	-10.02	30	Pass
NVNT	n40	5795	Ant2	-5.77	30	Pass
NVNT	n40	5795	Sum	-4.38	30	Pass

Test Graphs

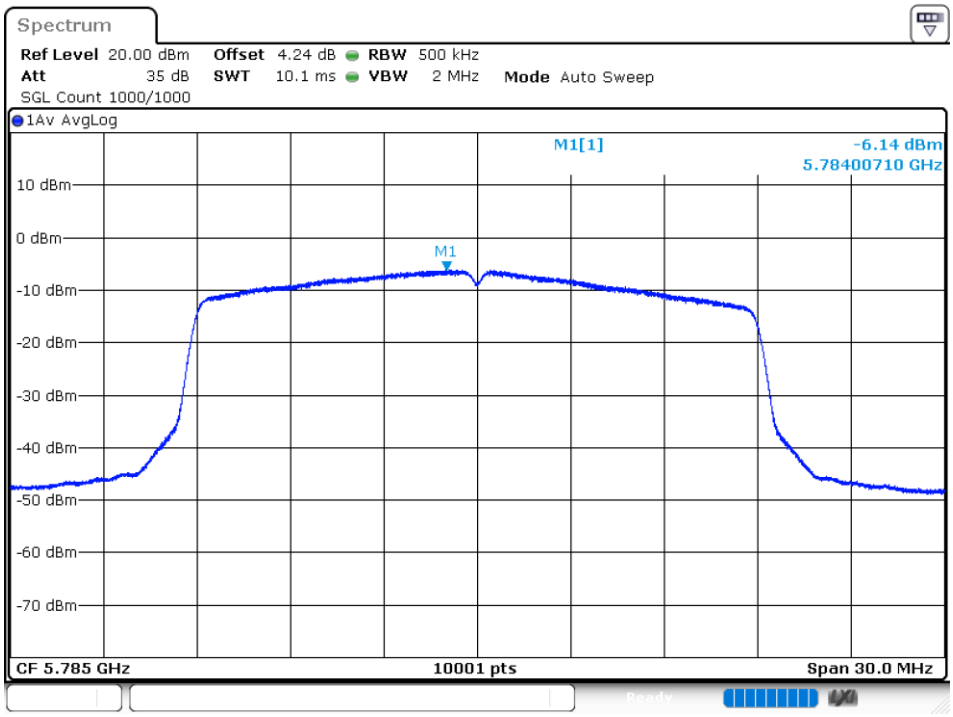
PSD NVNT ac20 5745MHz Ant1



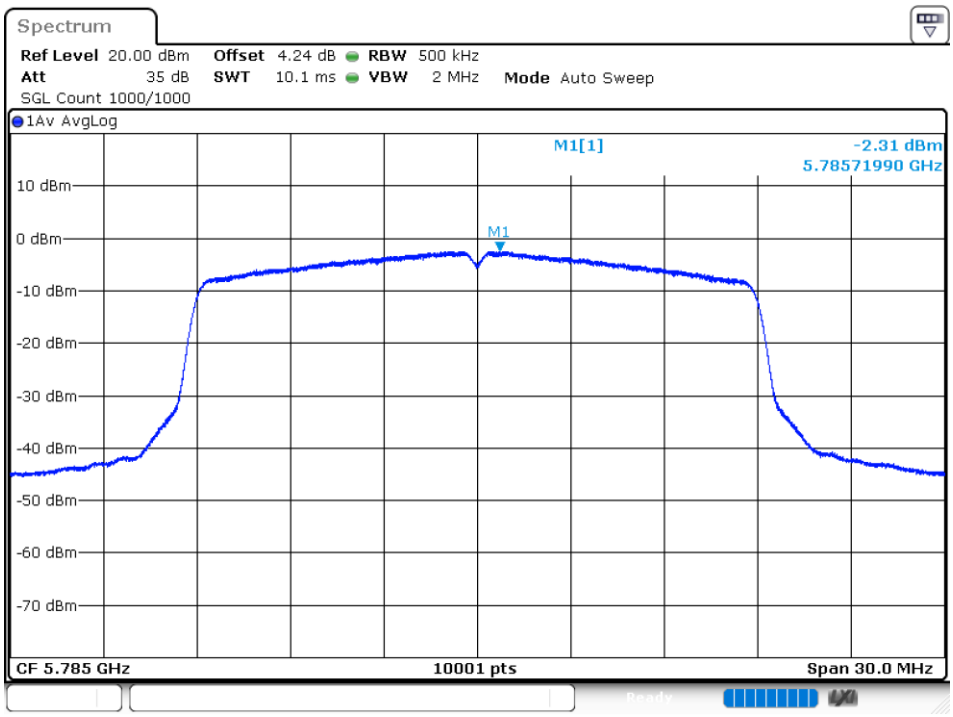
PSD NVNT ac20 5745MHz Ant2



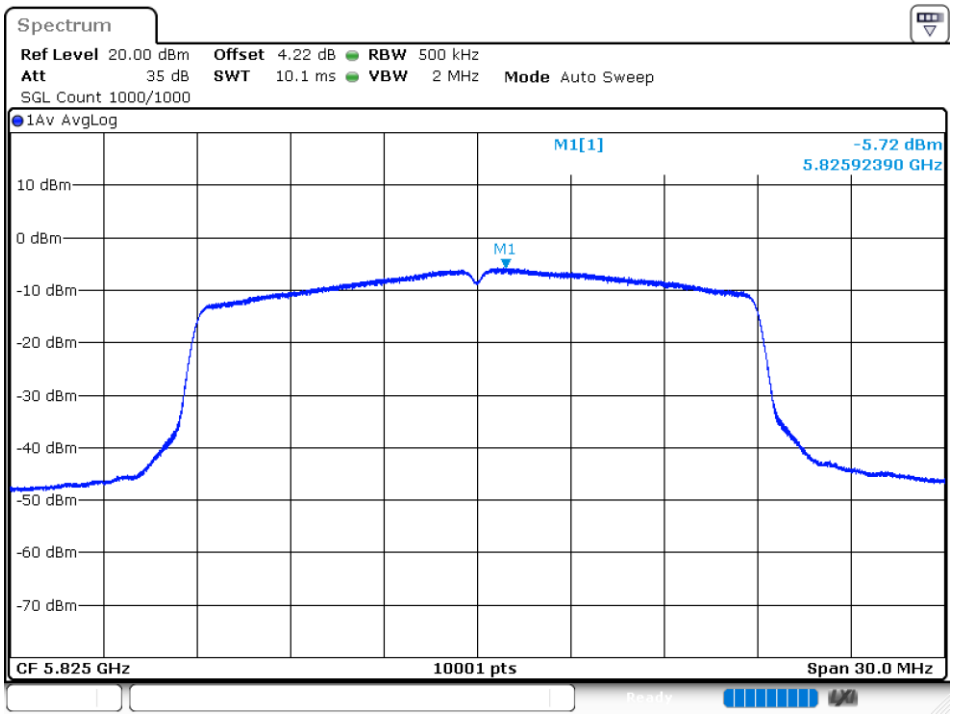
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5785MHz Ant2



PSD NVNT ac20 5825MHz Ant1



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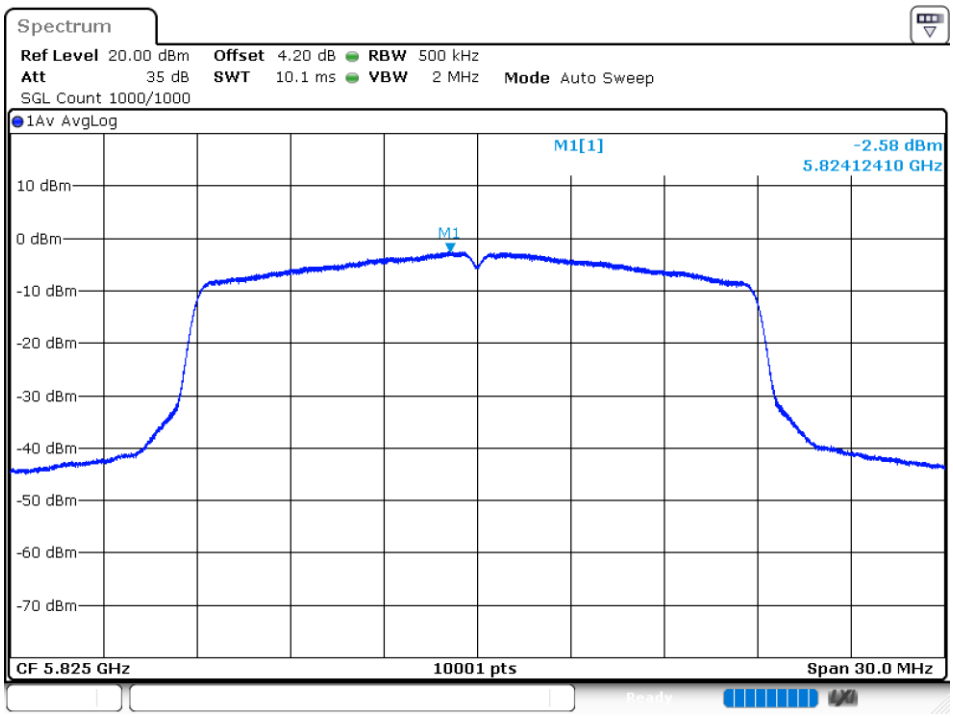
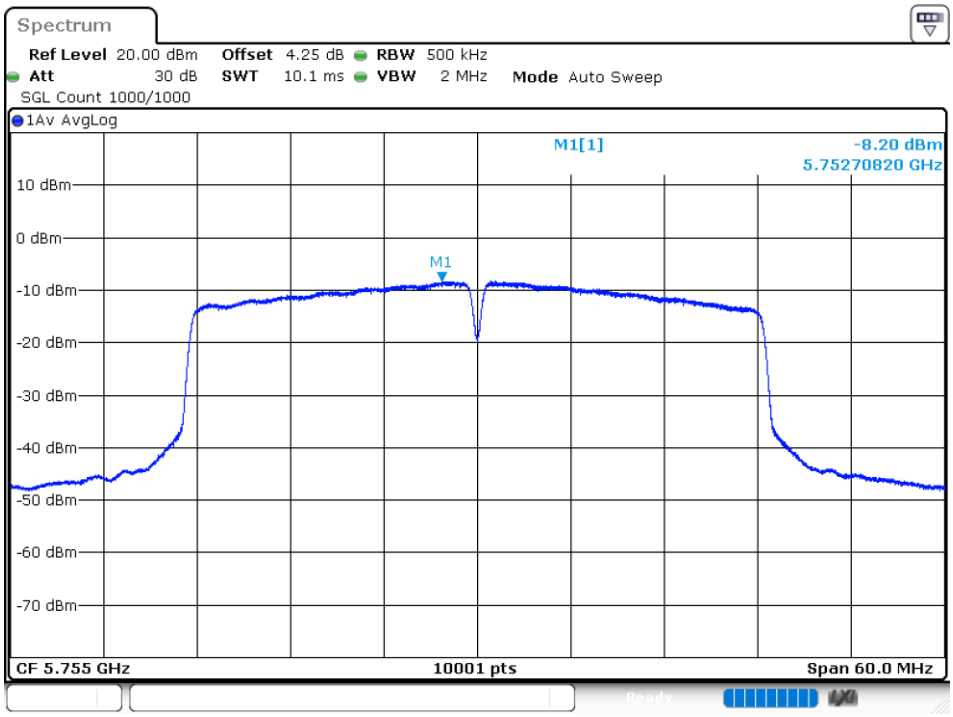
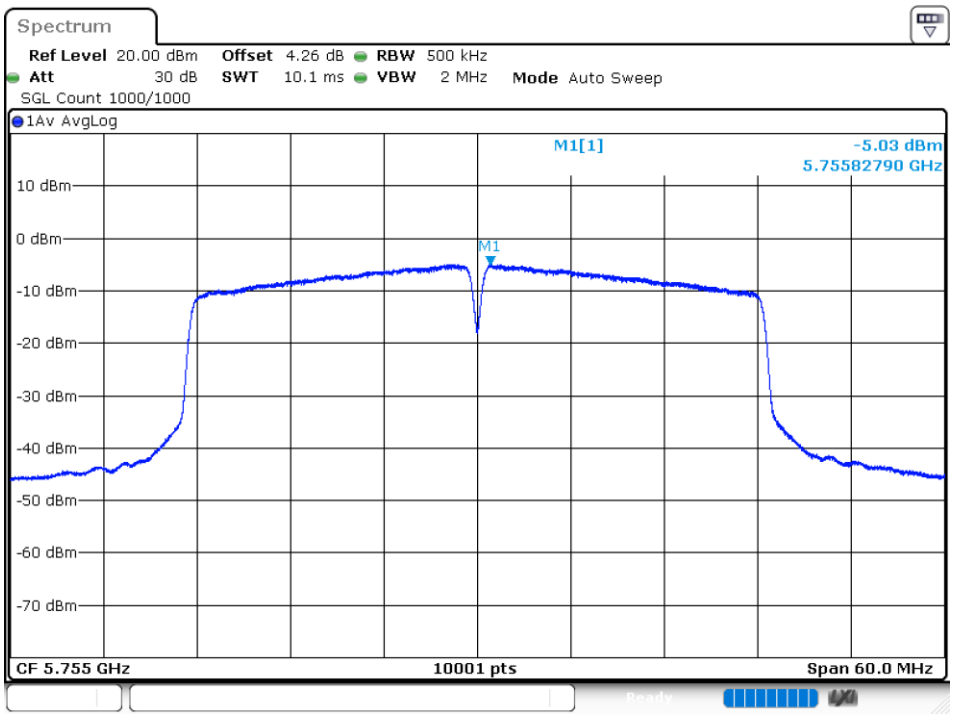


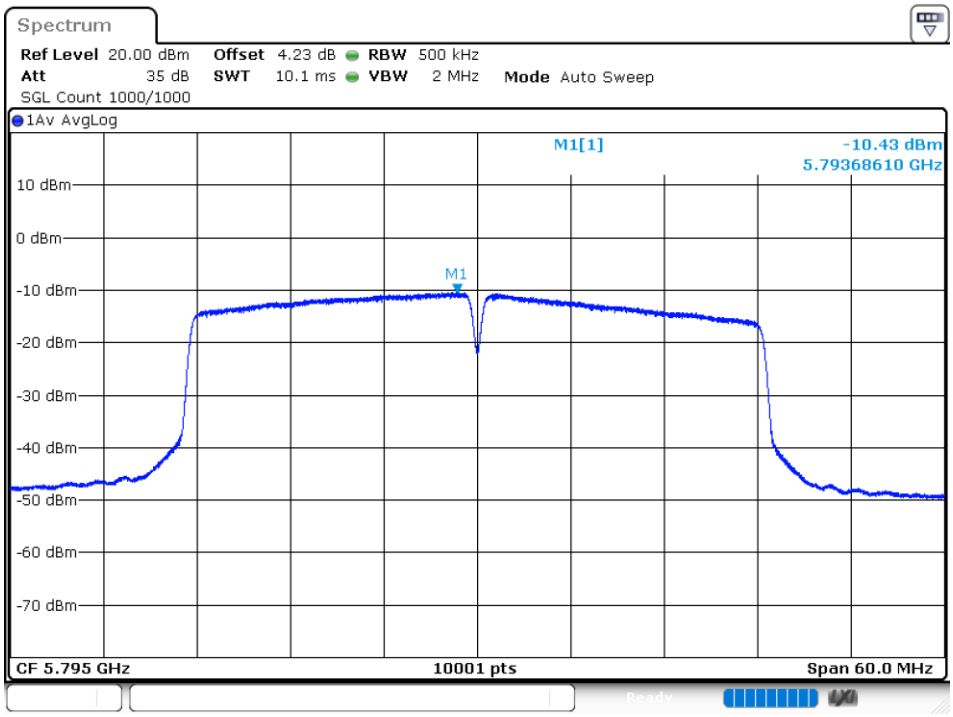
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant1



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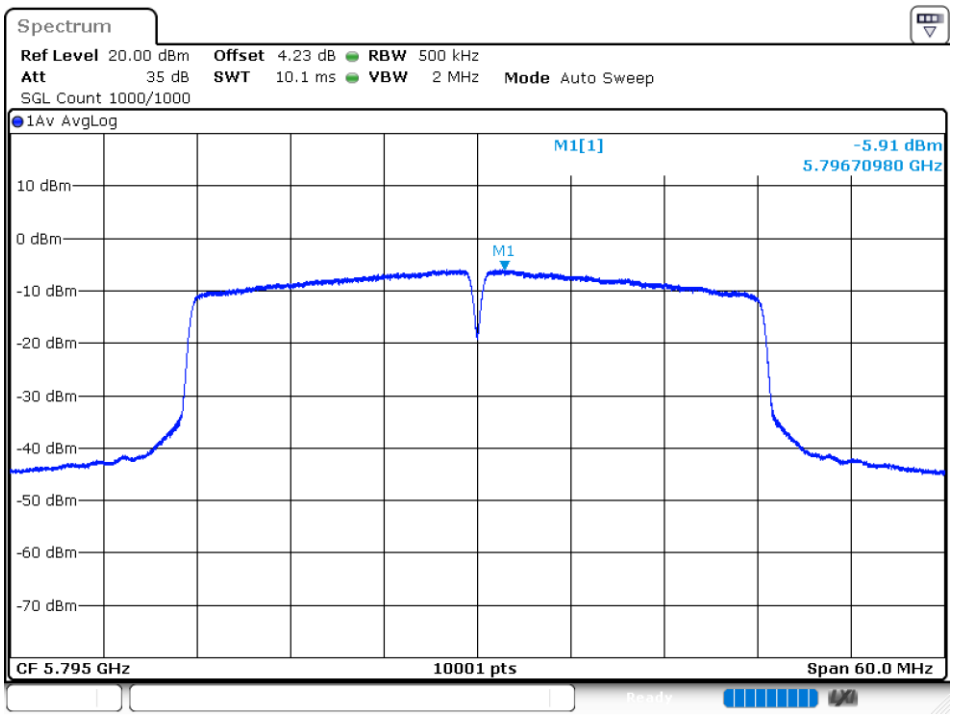
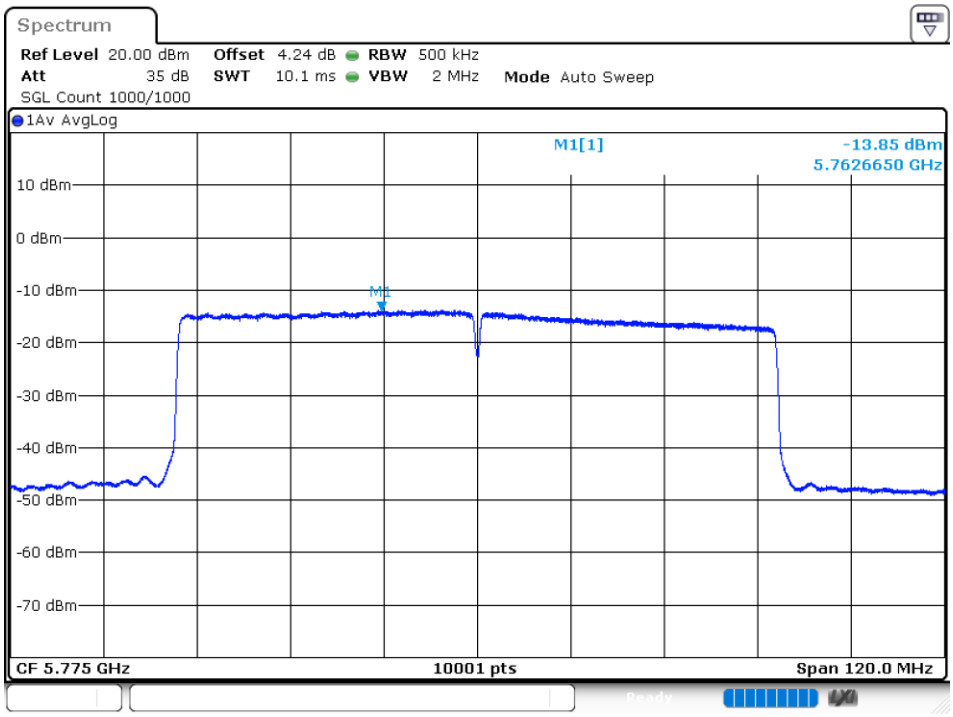
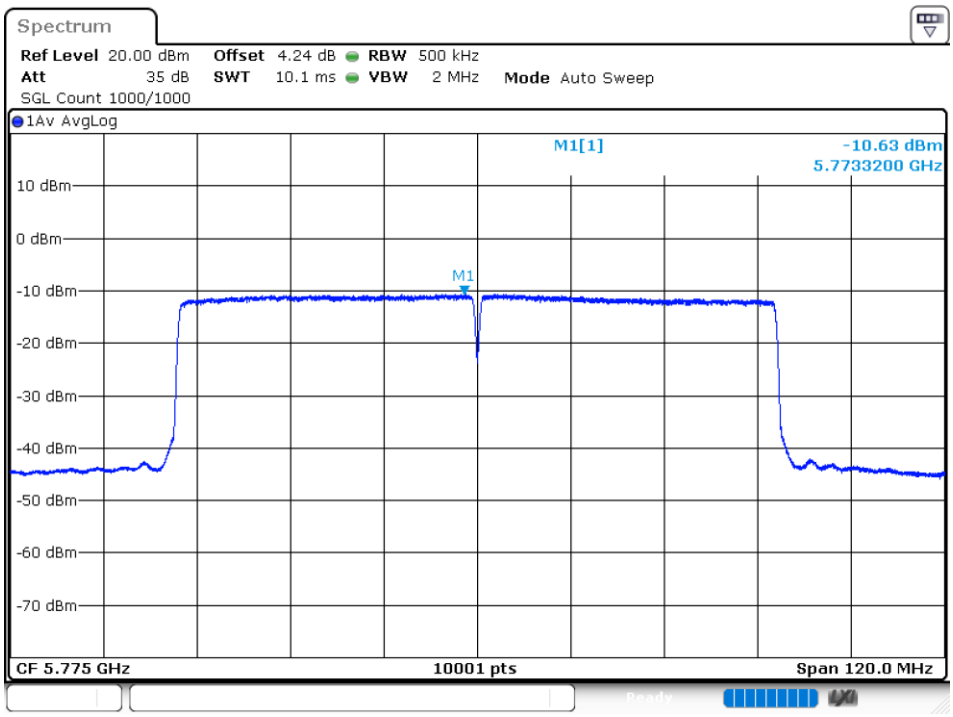


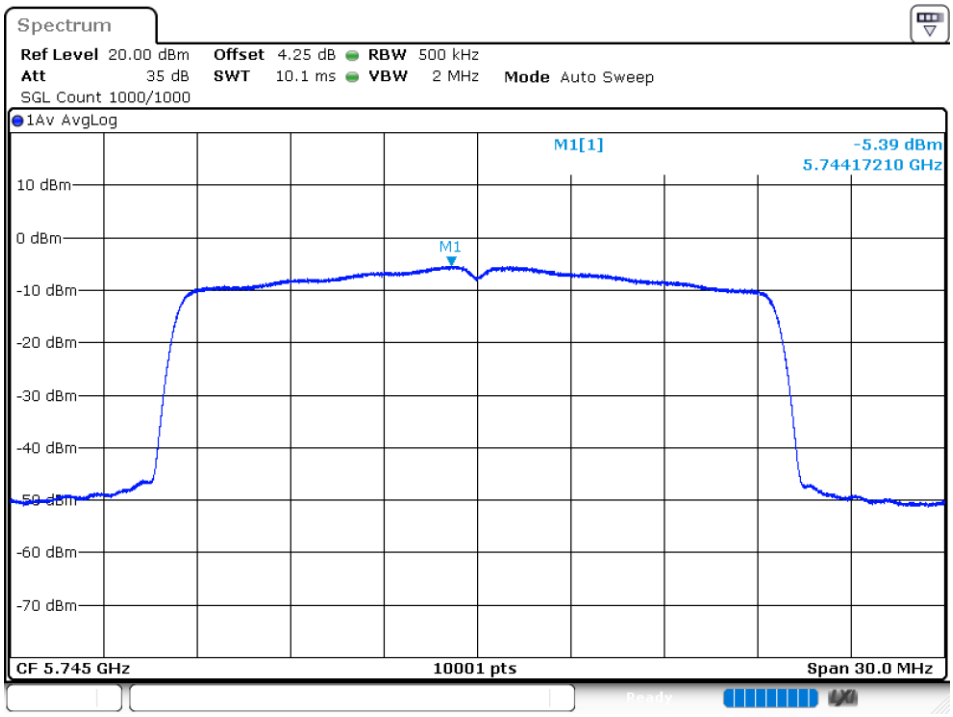
PSD NVNT ac80 5775MHz Ant1



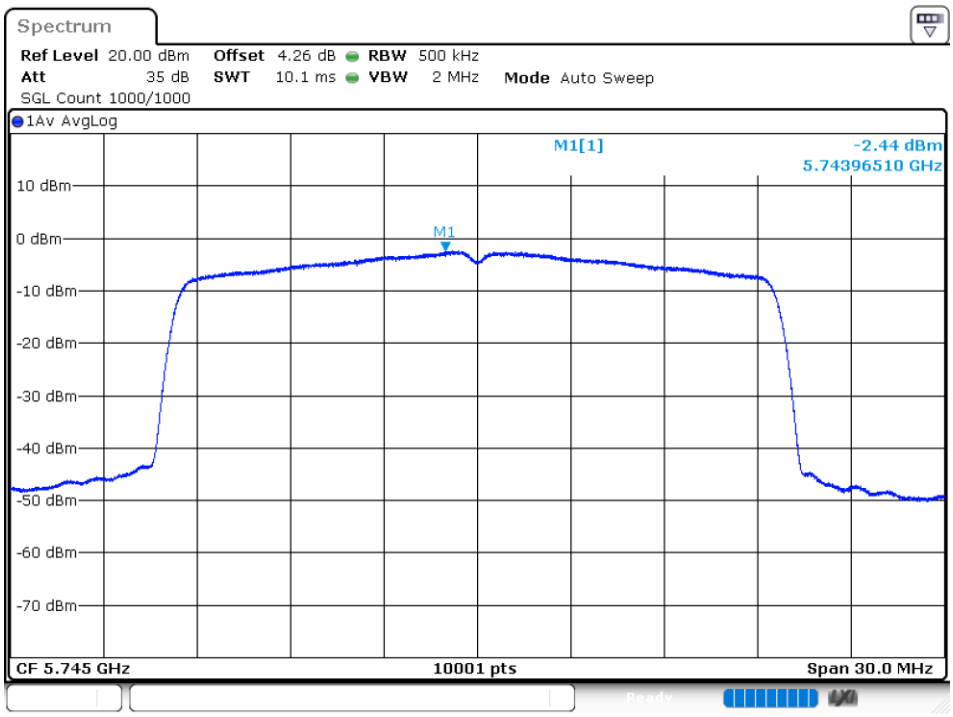
PSD NVNT ac80 5775MHz Ant2



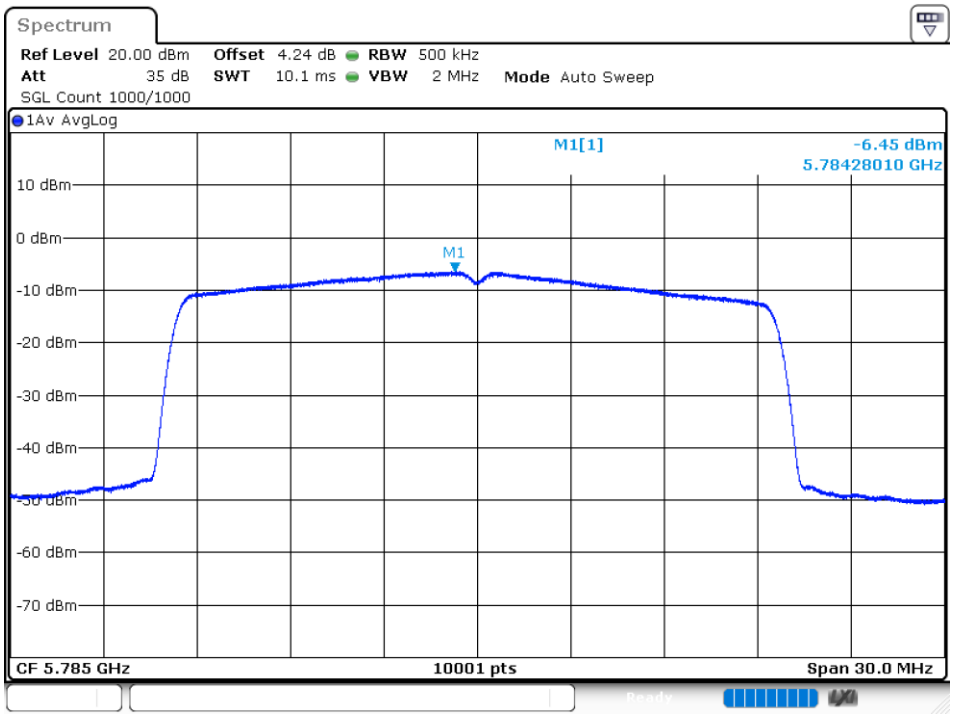
PSD NVNT ax20 5745MHz Ant1



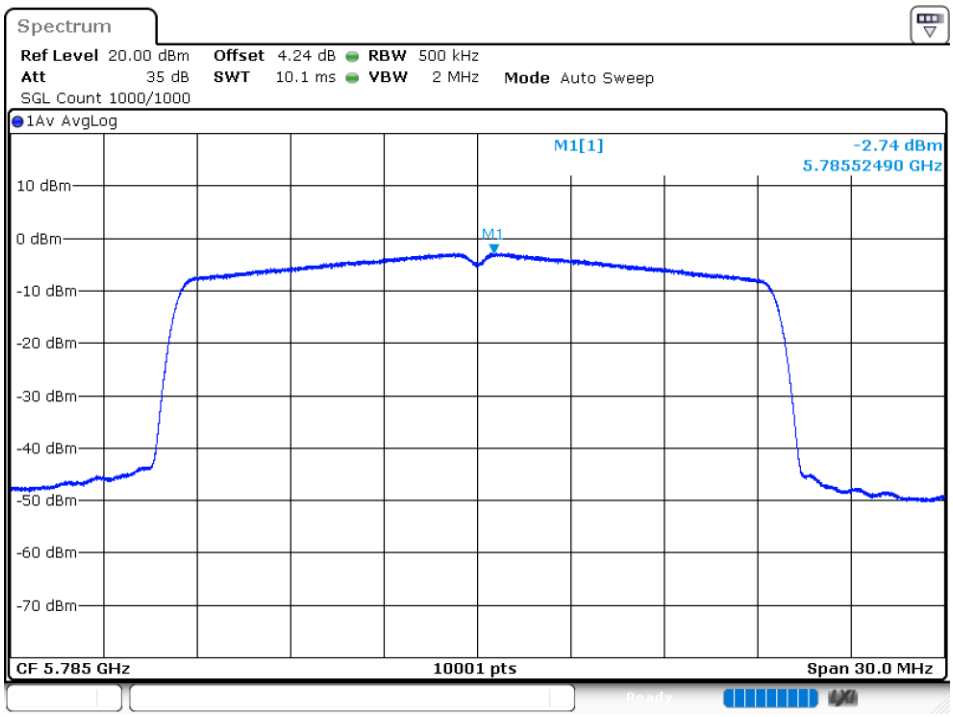
PSD NVNT ax20 5745MHz Ant2



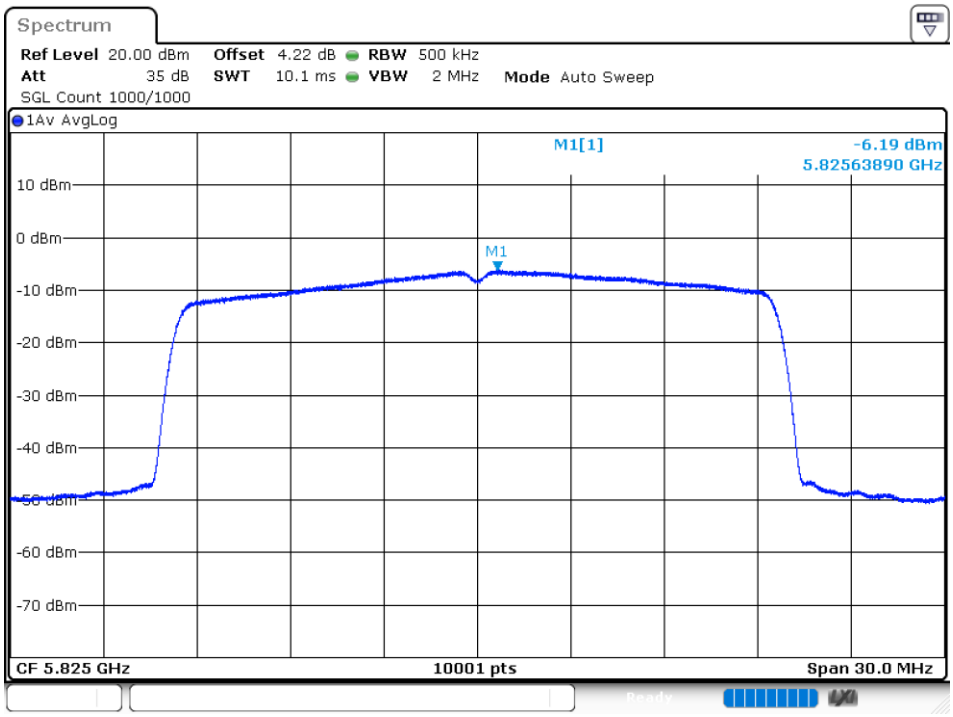
PSD NVNT ax20 5785MHz Ant1



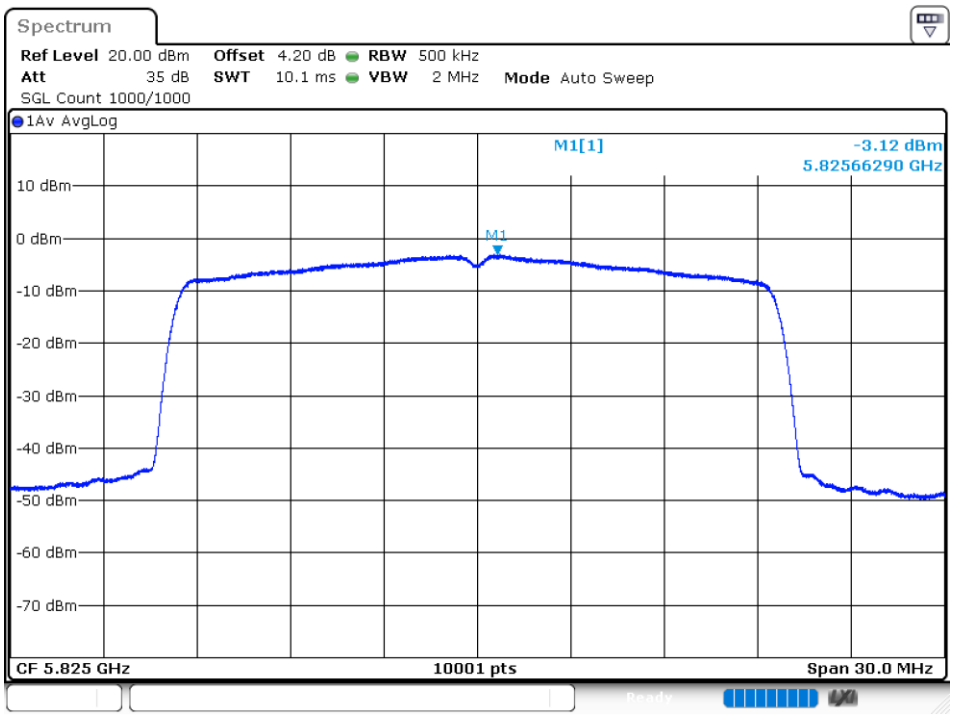
PSD NVNT ax20 5785MHz Ant2



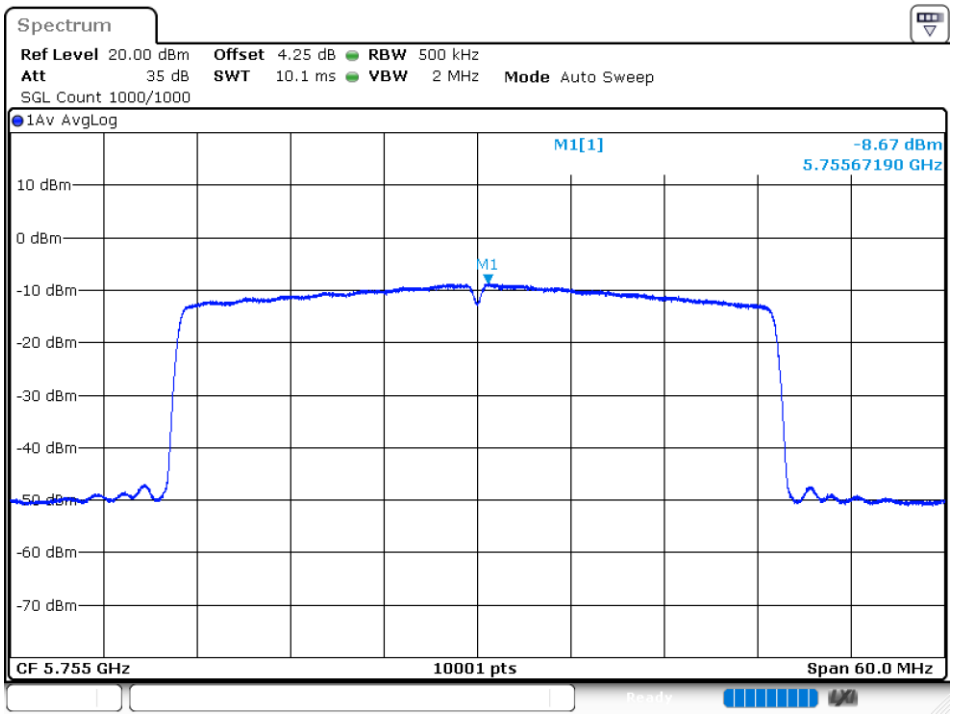
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax20 5825MHz Ant2



PSD NVNT ax40 5755MHz Ant1



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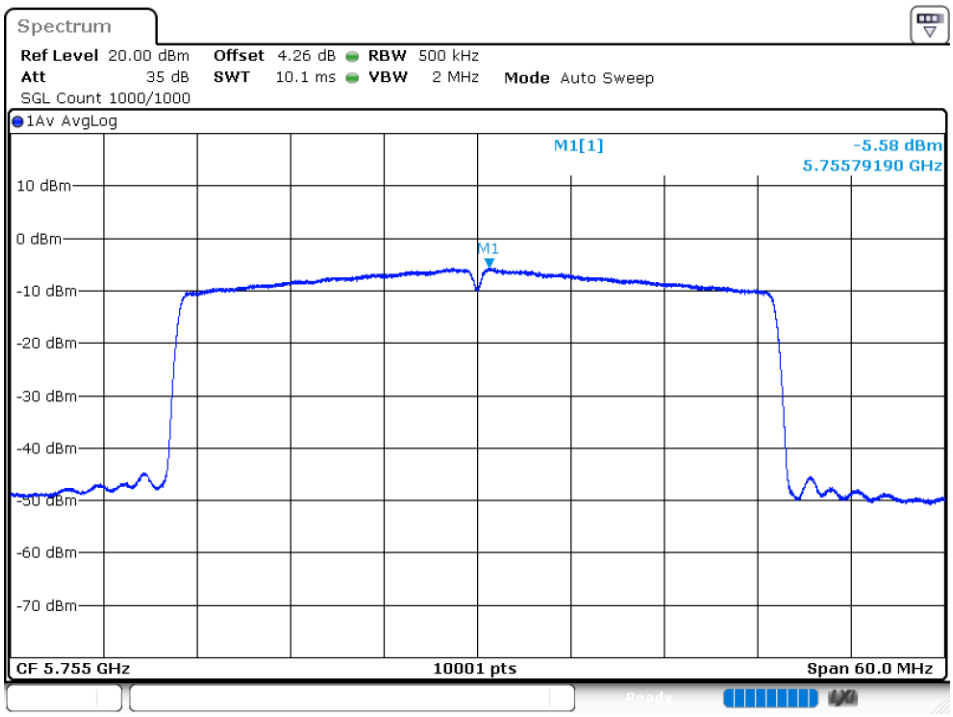

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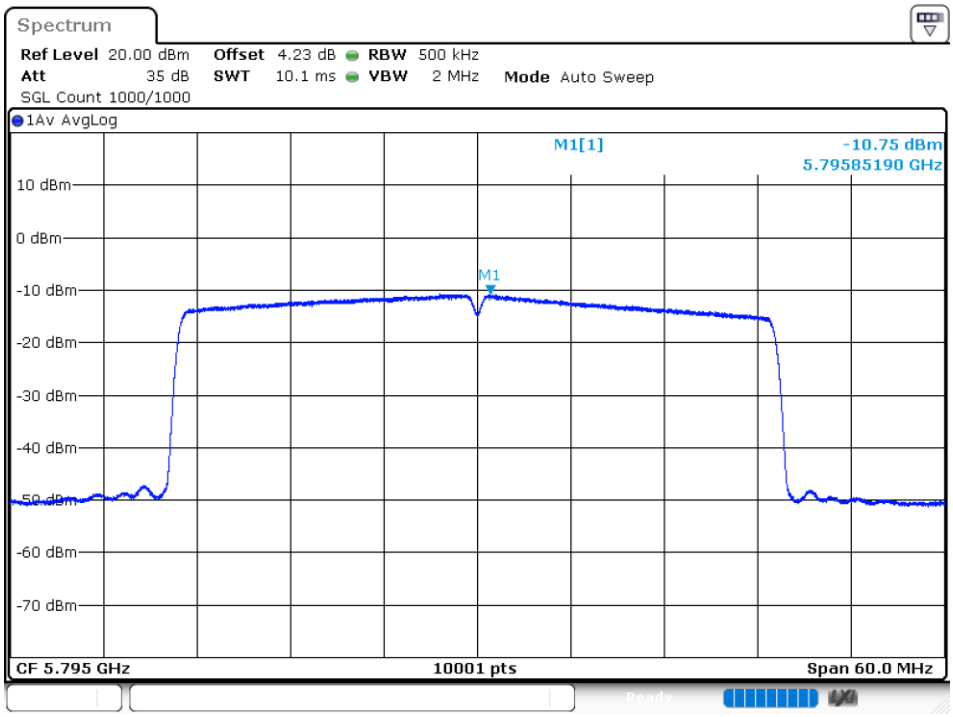

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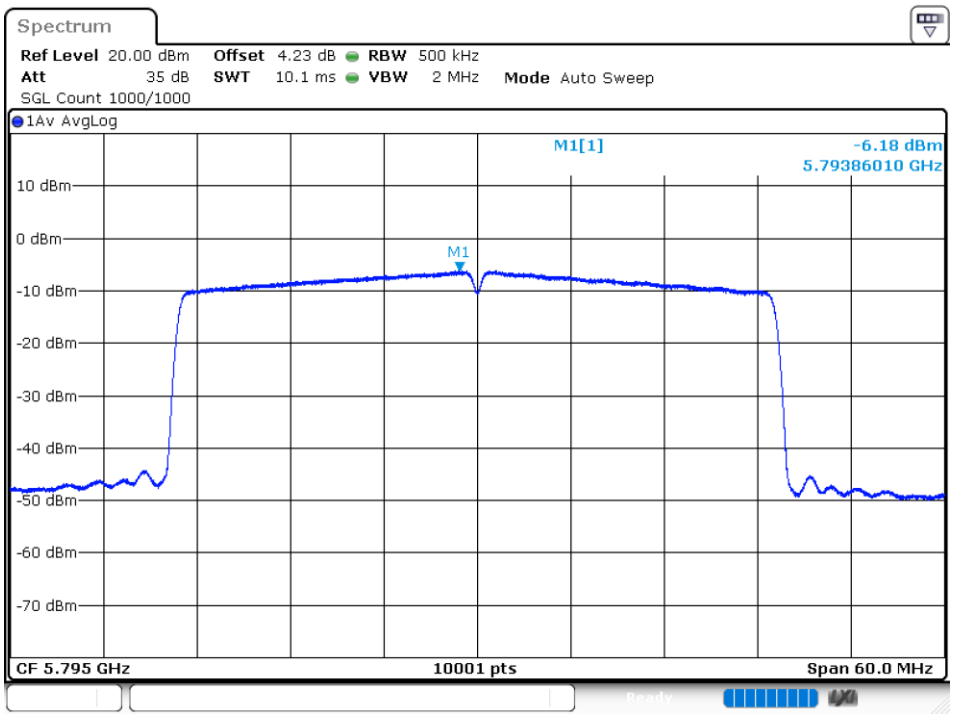

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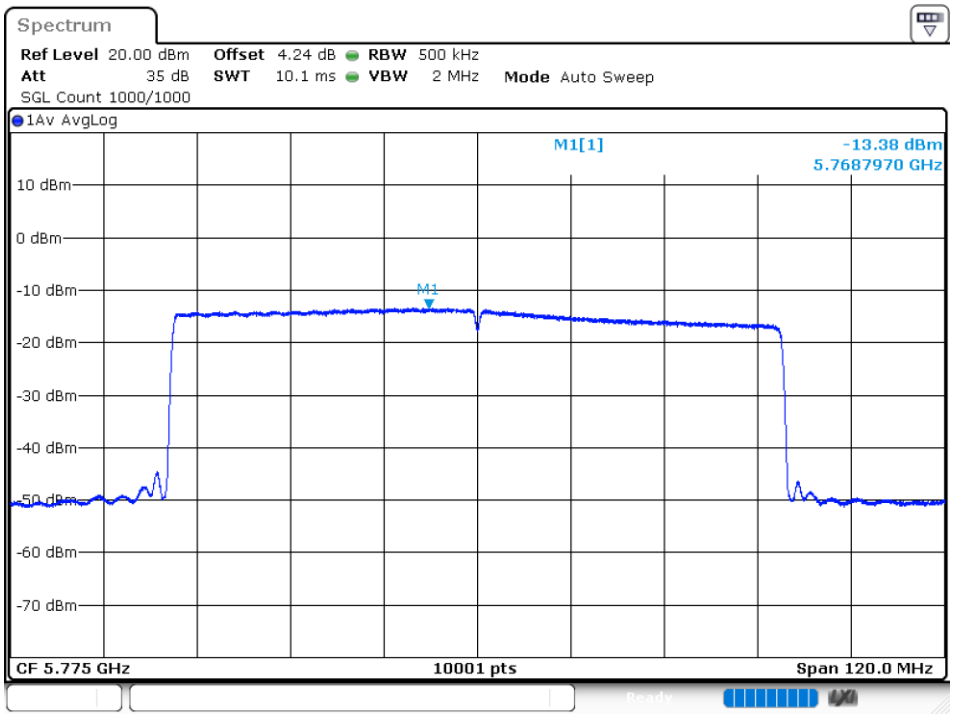

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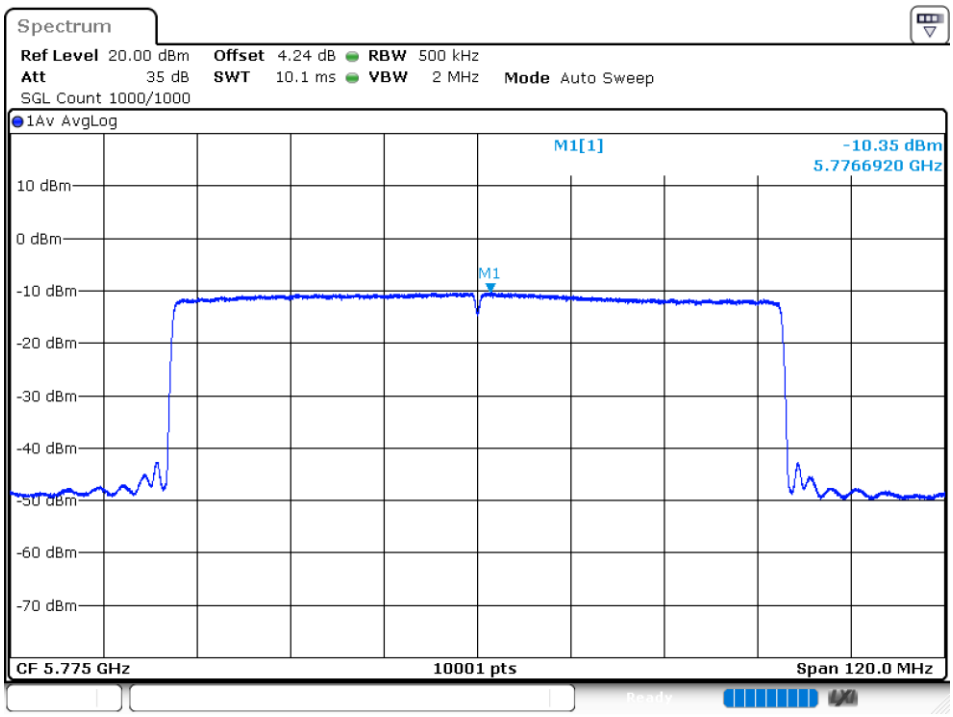

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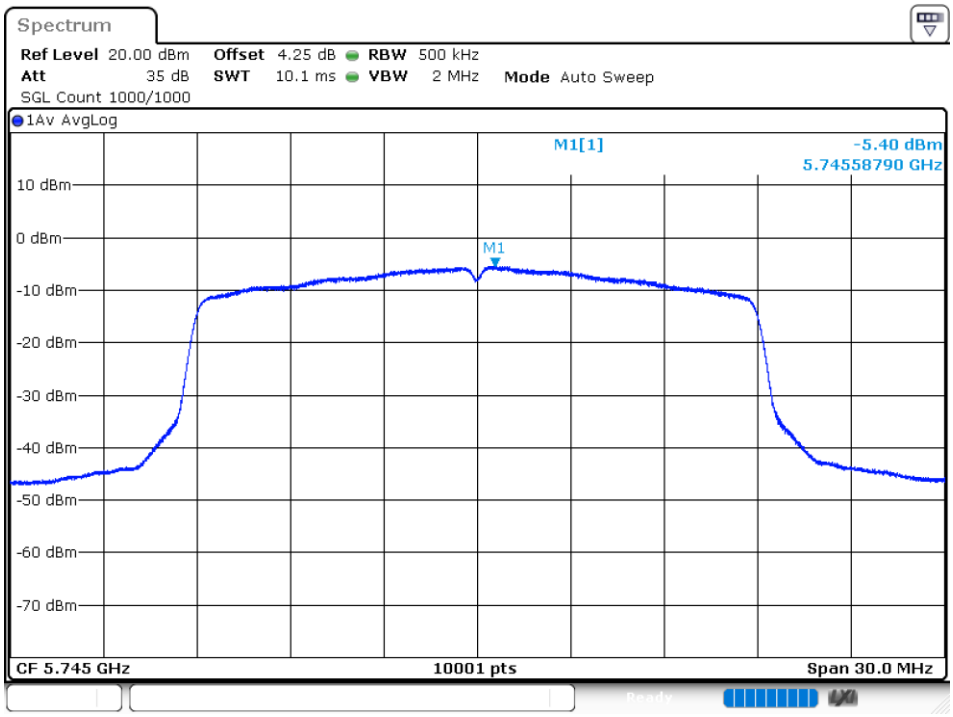

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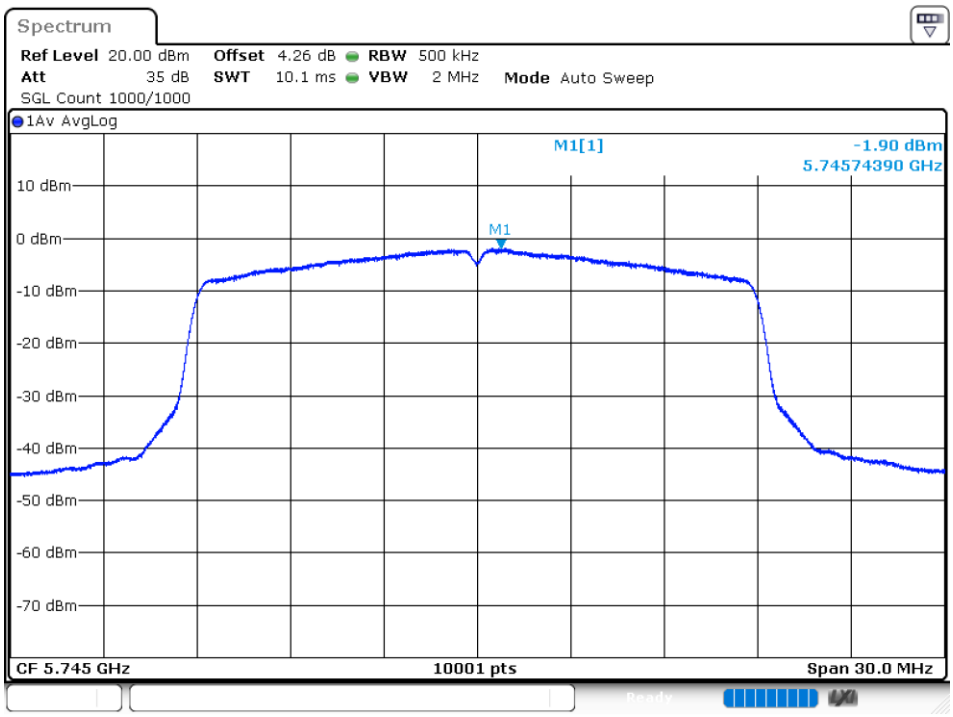

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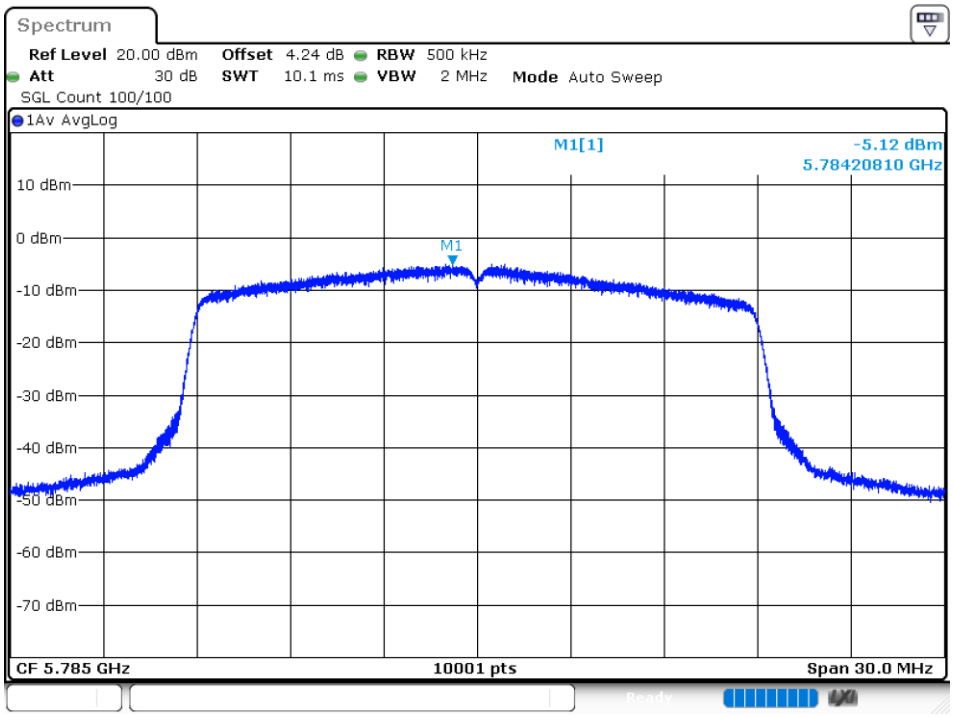

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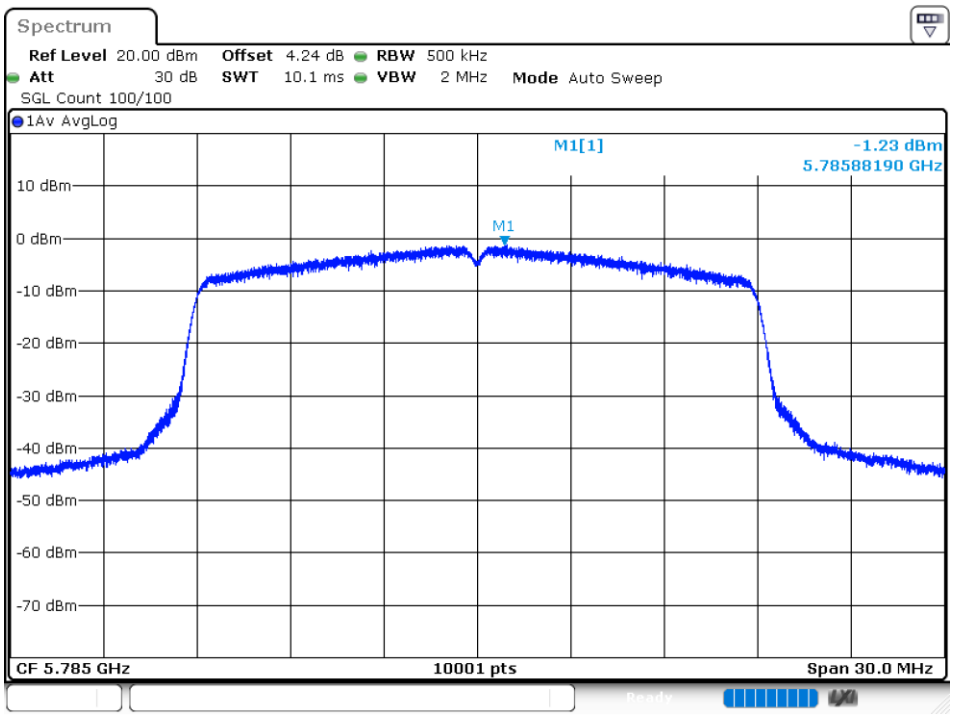

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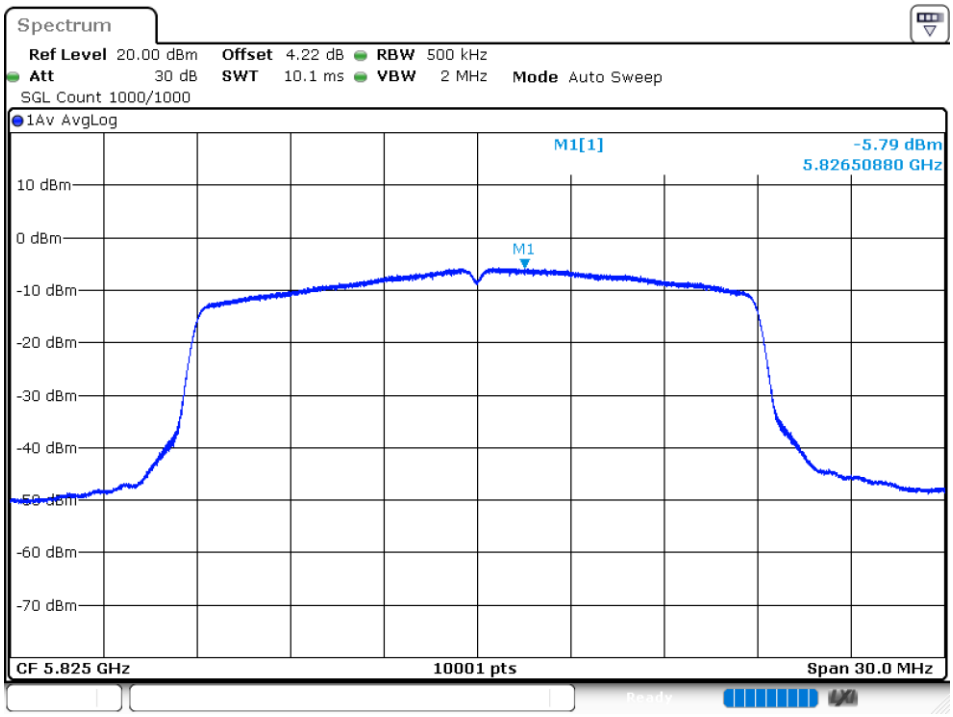

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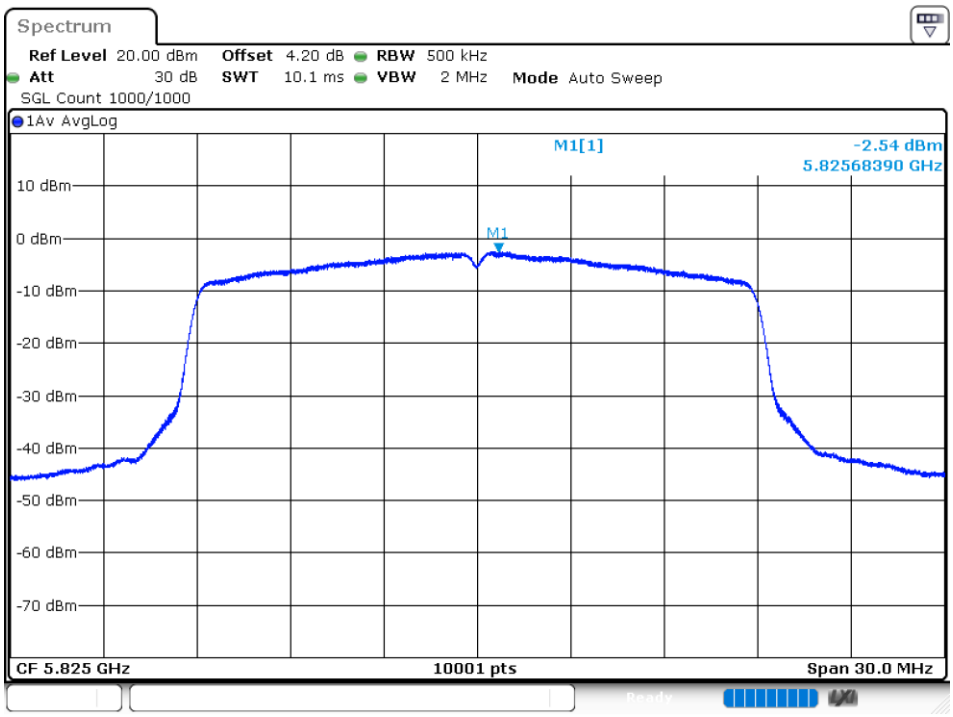

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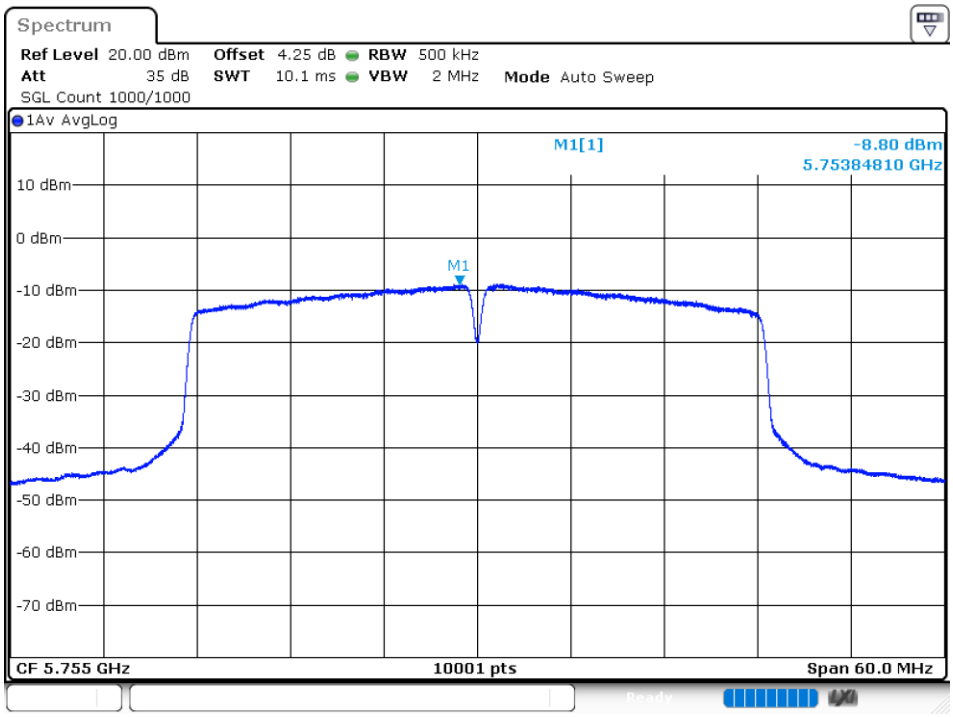
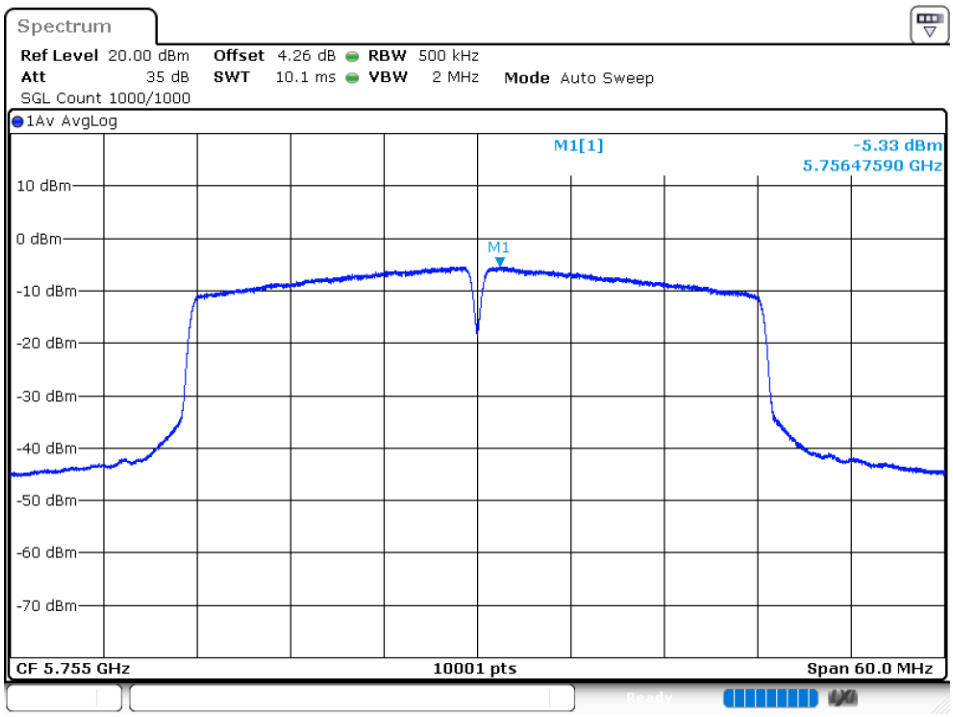
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