

5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	10log (500/510)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-2.57	0.14	-0.086	-2.52	30	Pass
NVNT	a	5785	Ant1	-2	0.13	-0.086	-1.96	30	Pass
NVNT	a	5825	Ant1	-1.75	0.13	-0.086	-1.71	30	Pass
NVNT	a	5745	Ant2	-1.84	0.13	-0.086	-1.796	30	Pass
NVNT	a	5785	Ant2	-3	0.14	-0.086	-2.946	30	Pass
NVNT	a	5825	Ant2	-2.66	0.13	-0.086	-2.616	30	Pass
NVNT	n20	5745	Ant1	-3.68	0.14	-0.086	-3.63	30	Pass
NVNT	n20	5785	Ant1	-3.52	0.14	-0.086	-3.47	30	Pass
NVNT	n20	5825	Ant1	-2.96	0.15	-0.086	-2.90	30	Pass
NVNT	n20	5745	Ant2	-3.25	0.14	-0.086	-3.196	30	Pass
NVNT	n20	5785	Ant2	-4.27	0.15	-0.086	-4.206	30	Pass
NVNT	n20	5825	Ant2	-3.96	0.14	-0.086	-3.906	30	Pass
NVNT	n20	5745	MIMO	-	-	-	-0.40	30	Pass
NVNT	n20	5785	MIMO	-	-	-	-0.81	30	Pass
NVNT	n20	5825	MIMO	-	-	-	-0.36	30	Pass
NVNT	n40	5755	Ant1	-7.3	0.28	-0.086	-7.11	30	Pass
NVNT	n40	5795	Ant1	-6.52	0.27	-0.086	-6.34	30	Pass
NVNT	n40	5755	Ant2	-6.92	0.29	-0.086	-6.72	30	Pass
NVNT	n40	5795	Ant2	-7.98	0.29	-0.086	-7.776	30	Pass
NVNT	n40	5755	MIMO	-	-	-	-3.90	30	Pass
NVNT	n40	5795	MIMO	-	-	-	-3.99	30	Pass
NVNT	ac20	5745	Ant1	-3.85	0.14	-0.086	-3.80	30	Pass
NVNT	ac20	5785	Ant1	-3.27	0.14	-0.086	-3.22	30	Pass
NVNT	ac20	5825	Ant1	-3.13	0.15	-0.086	-3.07	30	Pass
NVNT	ac20	5745	Ant2	-3.31	0.14	-0.086	-3.256	30	Pass
NVNT	ac20	5785	Ant2	-4.12	0.15	-0.086	-4.056	30	Pass
NVNT	ac20	5825	Ant2	-4.14	0.14	-0.086	-4.086	30	Pass
NVNT	ac20	5745	MIMO	-	-	-	-0.51	30	Pass
NVNT	ac20	5785	MIMO	-	-	-	-0.61	30	Pass
NVNT	ac20	5825	MIMO	-	-	-	-0.54	30	Pass
NVNT	ac40	5755	Ant1	-7.37	0.29	-0.086	-7.17	30	Pass
NVNT	ac40	5795	Ant1	-6.59	0.27	-0.086	-6.41	30	Pass
NVNT	ac40	5755	Ant2	-6.65	0.28	-0.086	-6.46	30	Pass
NVNT	ac40	5795	Ant2	-7.71	0.28	-0.086	-7.516	30	Pass
NVNT	ac40	5755	MIMO	-	-	-	-3.79	30	Pass
NVNT	ac40	5795	MIMO	-	-	-	-3.92	30	Pass
NVNT	ac80	5775	Ant1	-9.45	0.55	-0.086	-8.99	30	Pass

NVNT	ac80	5775	Ant2	-9.53	0.54	-0.086	-9.08	30	Pass
NVNT	ac80	5775	MIMO	-	-	-	-6.02	30	Pass

Note 1: Note: Total PSD = Conducted PSD + Duty Factor + (10log(Limit RBW/Test RBW)); MIMO PSD=ANT1 PSD+ANT2 PSD

Note 2: Note 2: Antenna Gain: ANT1: 2.34dBi, ANT2: 2.11dBi, Sum: 5.35dBi.



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT a 5745MHz Ant2



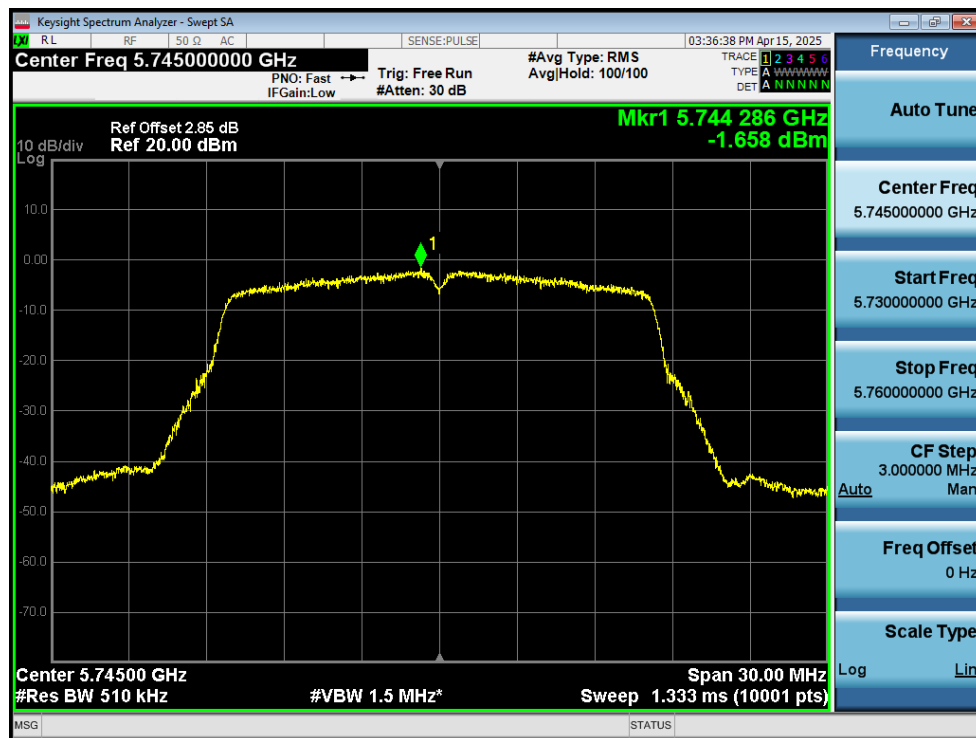
PSD NVNT a 5785MHz Ant2



PSD NVNT a 5825MHz Ant2



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5785MHz Ant2



PSD NVNT a 5825MHz Ant1



PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



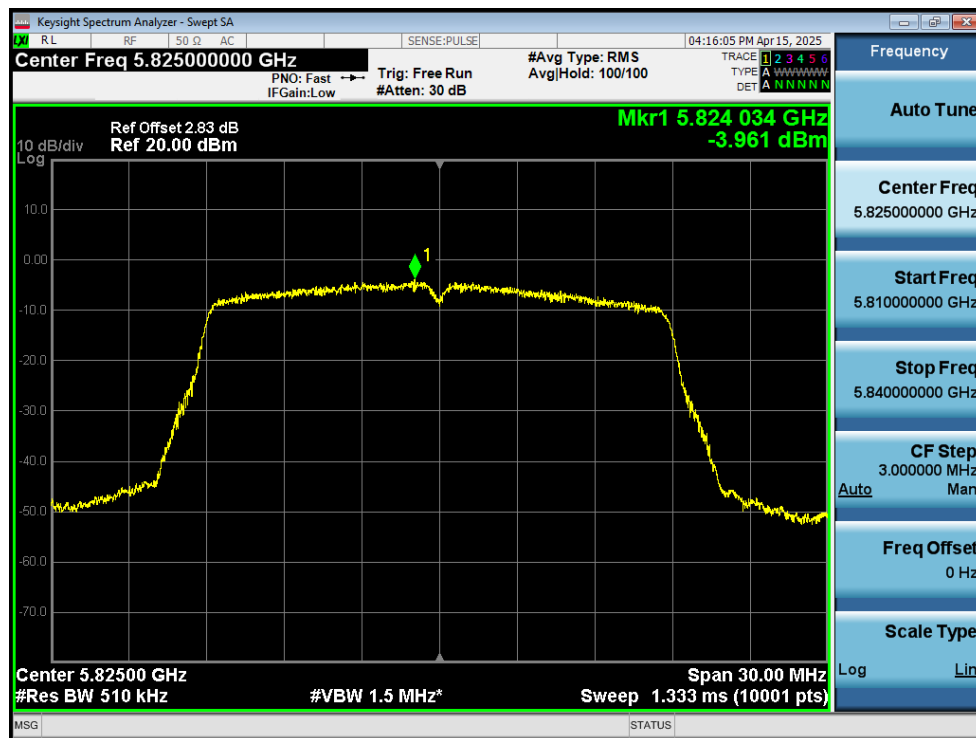
PSD NVNT n20 5825MHz Ant1



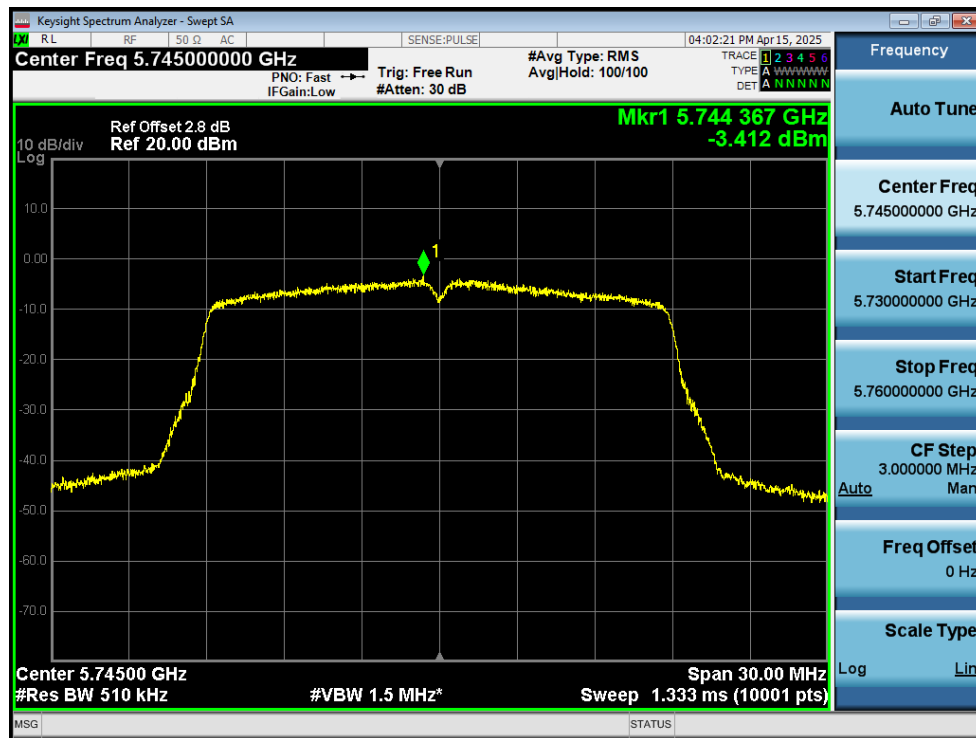
PSD NVNT n20 5745MHz Ant2



PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant2



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5745MHz Ant2



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant1



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



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2



PSD NVNT ac20 5745MHz Ant1



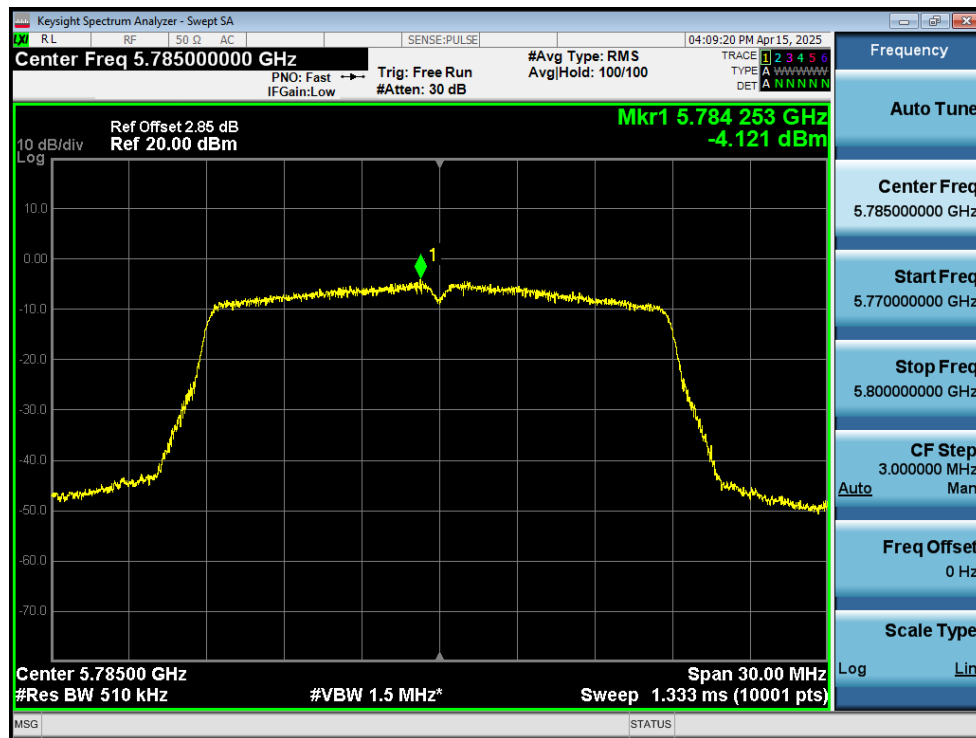
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PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac20 5745MHz Ant2



PSD NVNT ac20 5785MHz Ant2



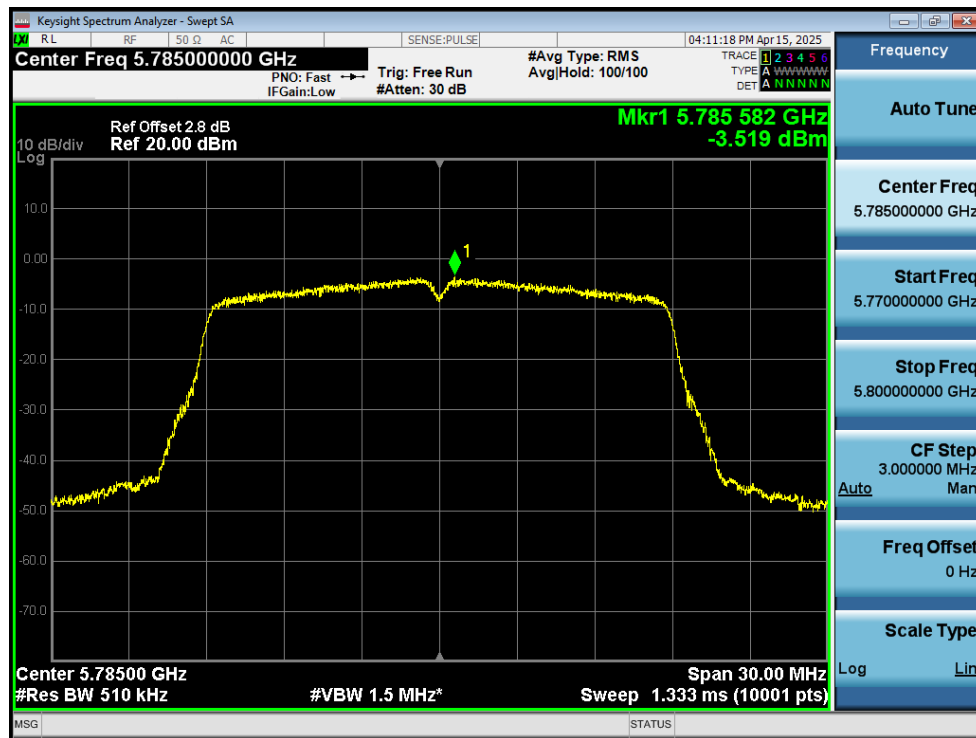
PSD NVNT ac20 5825MHz Ant2



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



PSD NVNT ac20 5825MHz Ant2



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5755MHz Ant2



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PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2



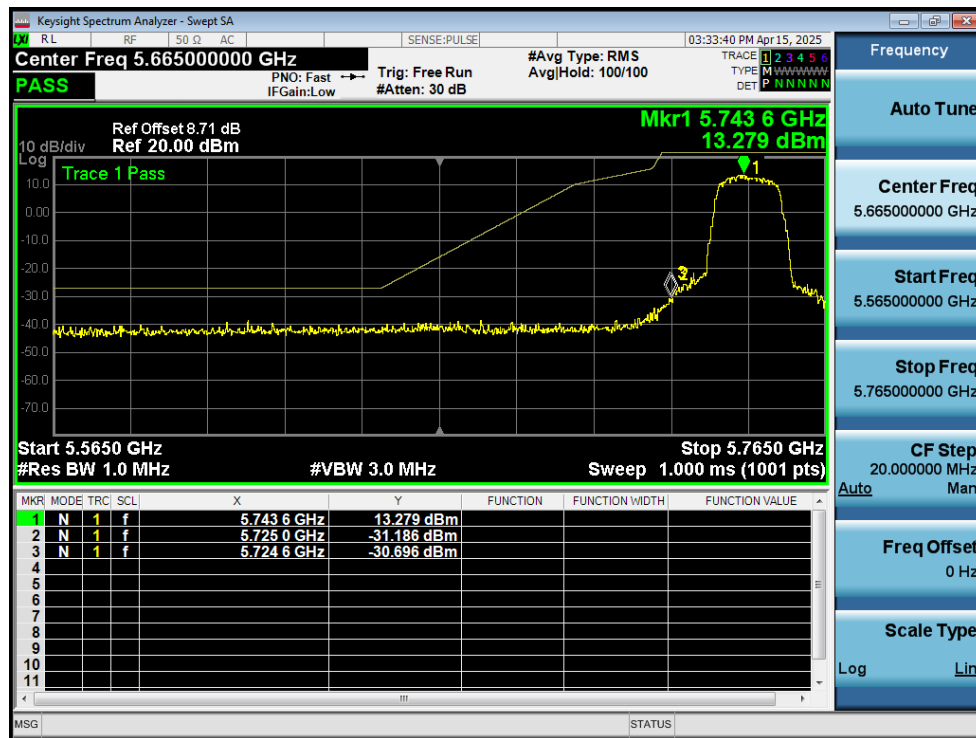
PSD NVNT ac80 5775MHz Ant1



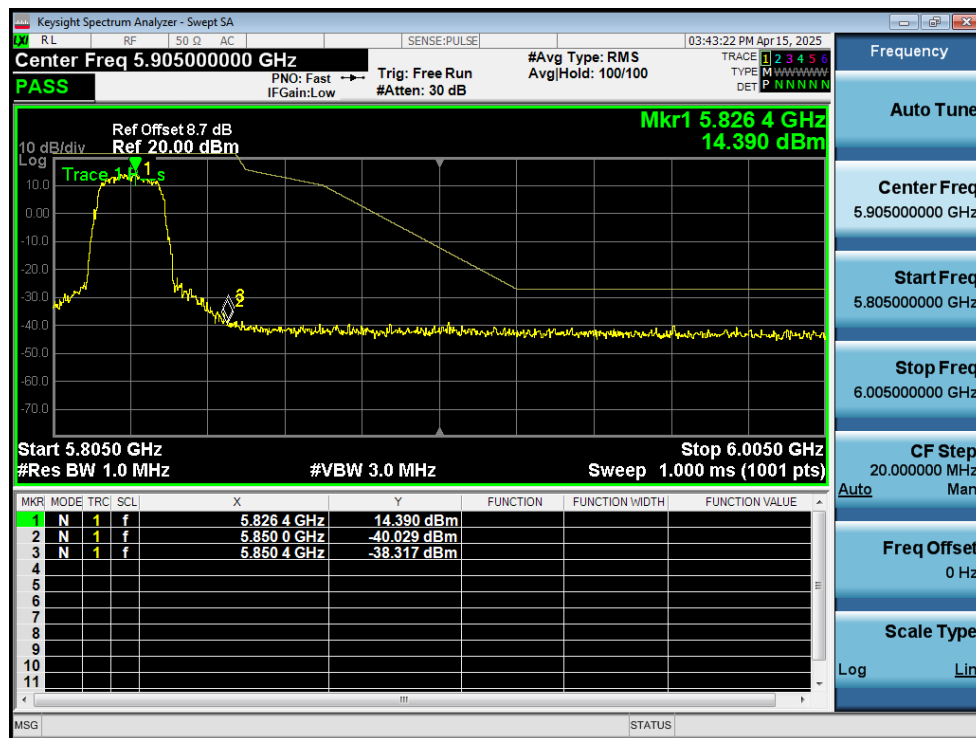
PSD NVNT ac80 5775MHz Ant2

6. Band Edge

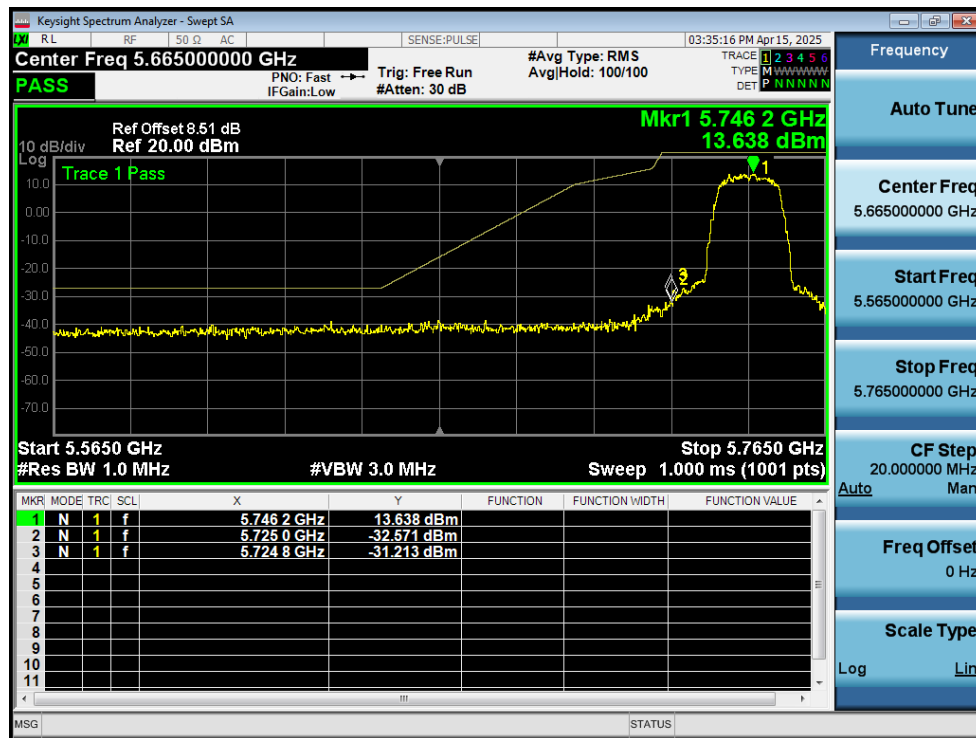
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-30.69	Pass
NVNT	a	5825	Ant1	-38.31	Pass
NVNT	a	5745	Ant2	-31.21	Pass
NVNT	a	5825	Ant2	-34.91	Pass
NVNT	n20	5745	Ant1	-28.98	Pass
NVNT	n20	5825	Ant1	-36.98	Pass
NVNT	n20	5745	Ant2	-30.17	Pass
NVNT	n20	5825	Ant2	-34.7	Pass
NVNT	n40	5755	Ant1	-28.33	Pass
NVNT	n40	5795	Ant1	-39.34	Pass
NVNT	n40	5755	Ant2	-28.67	Pass
NVNT	n40	5795	Ant2	-39.22	Pass
NVNT	ac20	5745	Ant1	-27.74	Pass
NVNT	ac20	5825	Ant1	-37.52	Pass
NVNT	ac20	5745	Ant2	-31.83	Pass
NVNT	ac20	5825	Ant2	-35.69	Pass
NVNT	ac40	5755	Ant1	-28.26	Pass
NVNT	ac40	5795	Ant1	-38.28	Pass
NVNT	ac40	5755	Ant2	-28.54	Pass
NVNT	ac40	5795	Ant2	-39.73	Pass
NVNT	ac80	5775	Ant1	-27.38	Pass
NVNT	ac80	5775	Ant1	-36.38	Pass
NVNT	ac80	5775	Ant1	-28.45	Pass
NVNT	ac80	5775	Ant2	-36.88	Pass
NVNT	ac80	5775	Ant2	-26.61	Pass



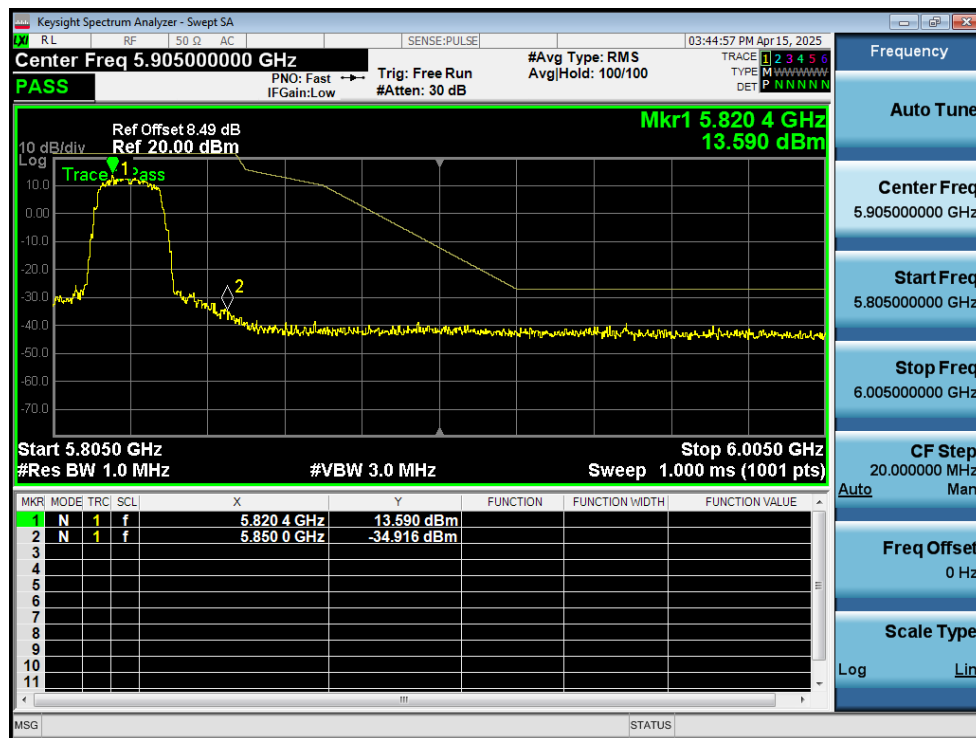
Band Edge NVNT a 5745MHz Low Ant1



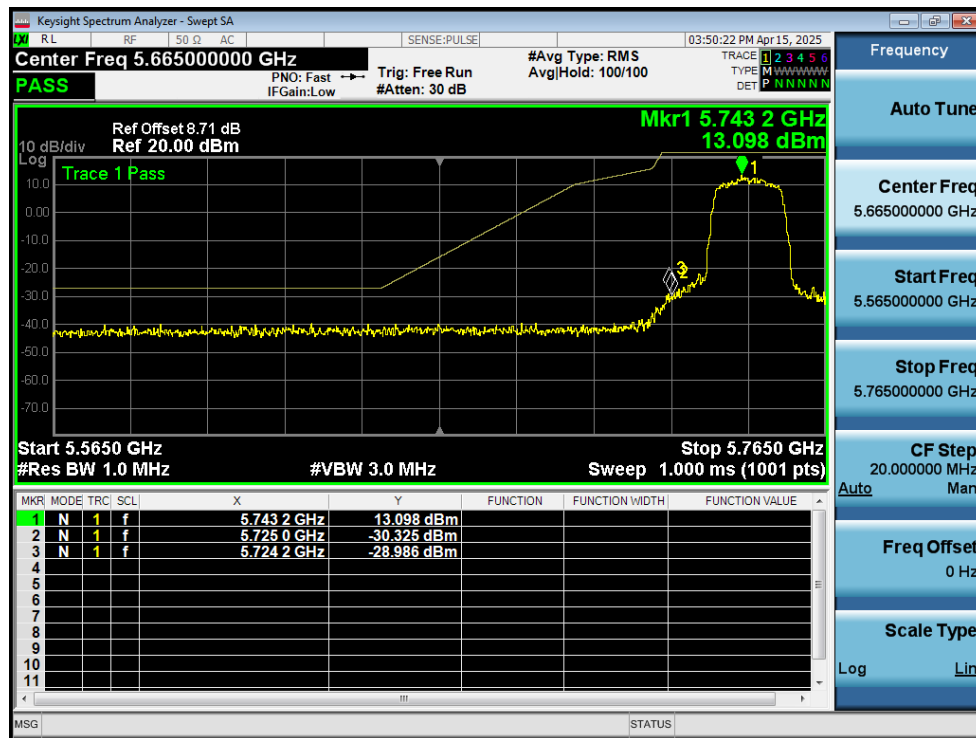
Band Edge NVNT a 5825MHz High Ant1



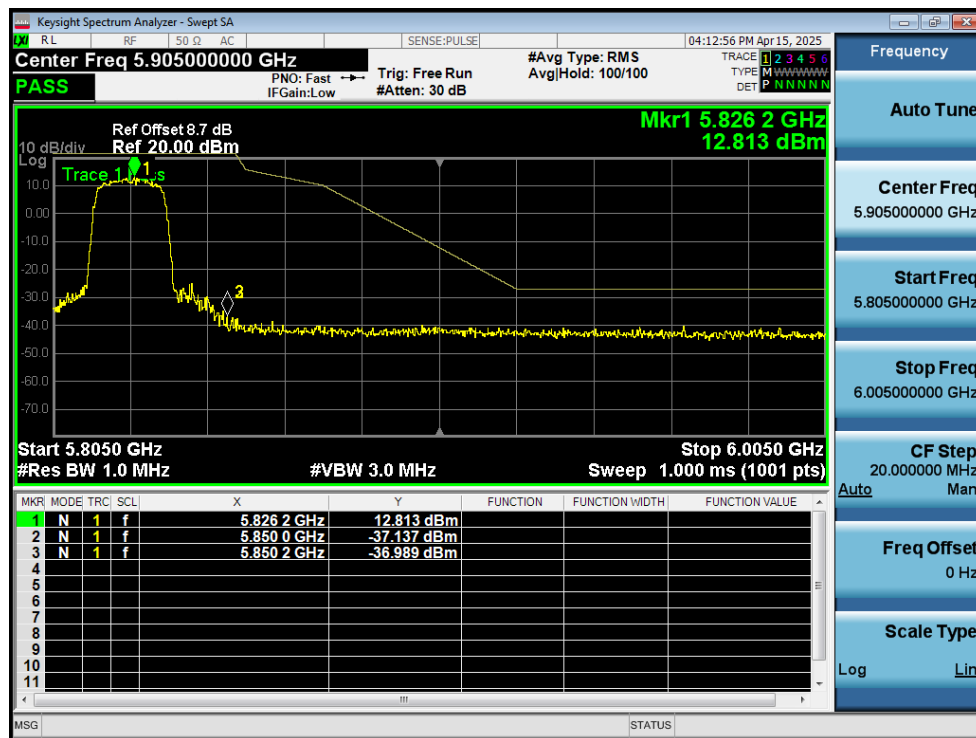
Band Edge NVNT a 5745MHz Low Ant2



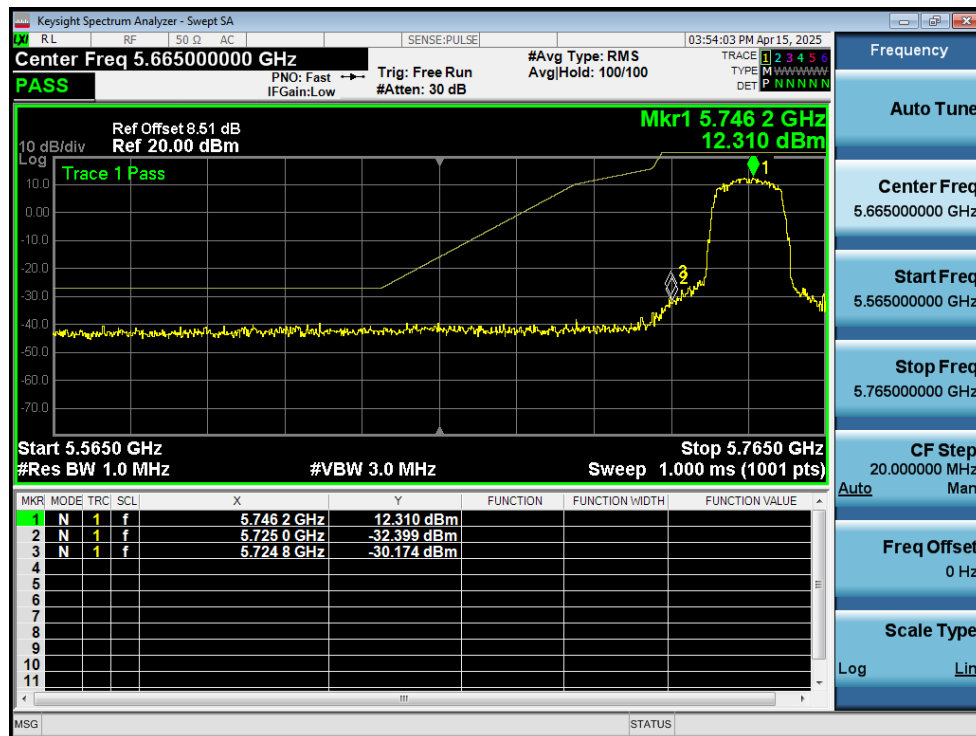
Band Edge NVNT a 5825MHz High Ant2



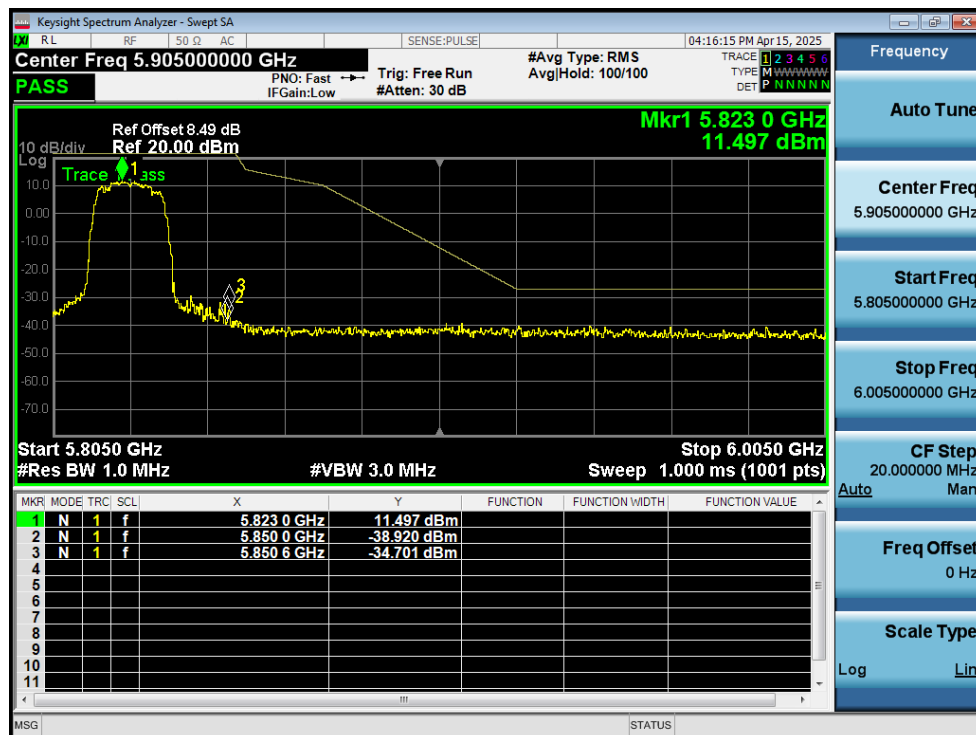
Band Edge NVNT n20 5745MHz Low Ant1



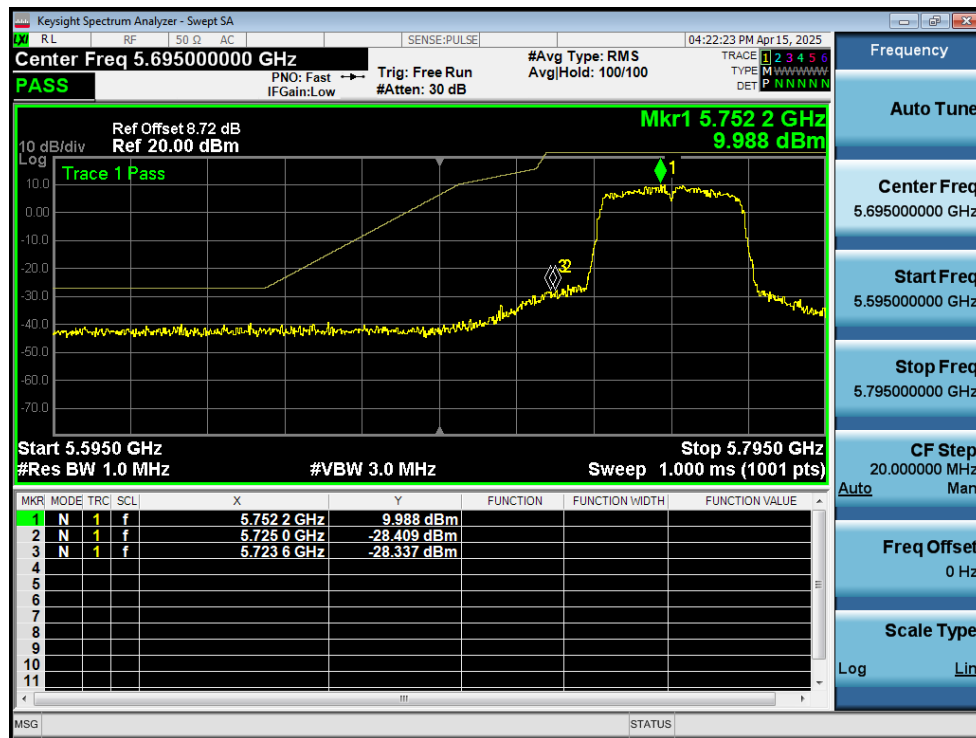
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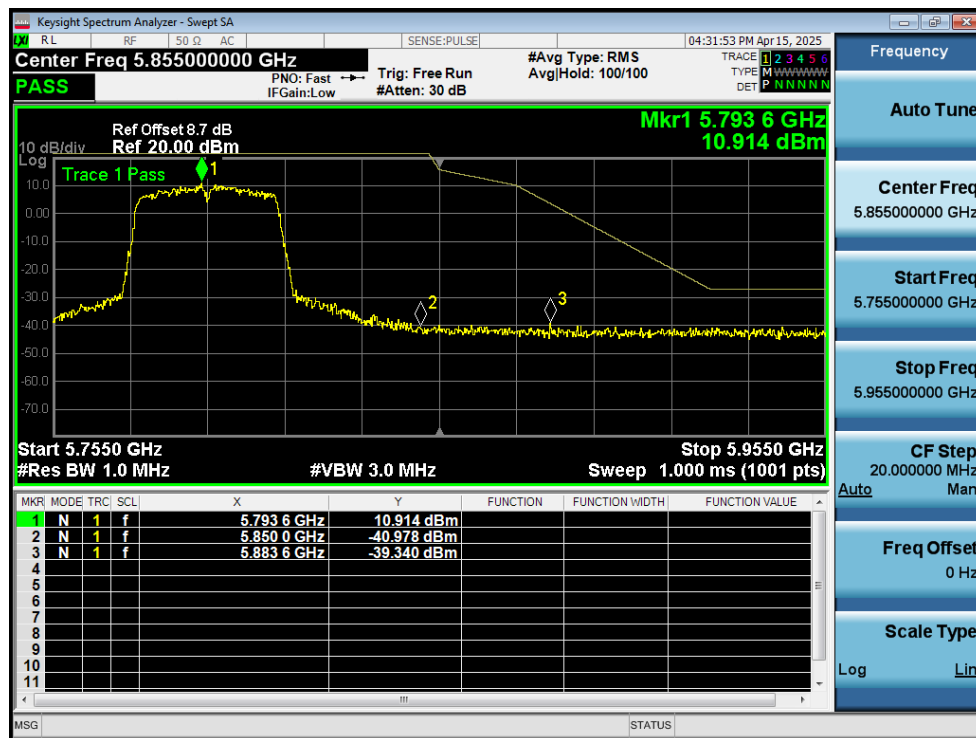
Band Edge NVNT n20 5745MHz Low Ant2



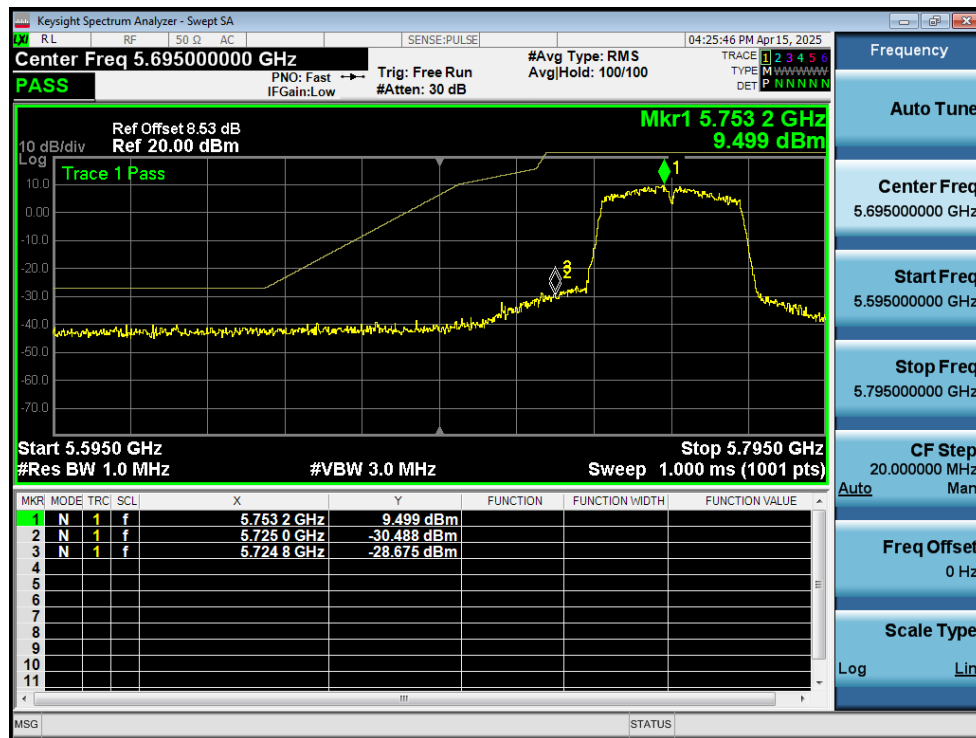
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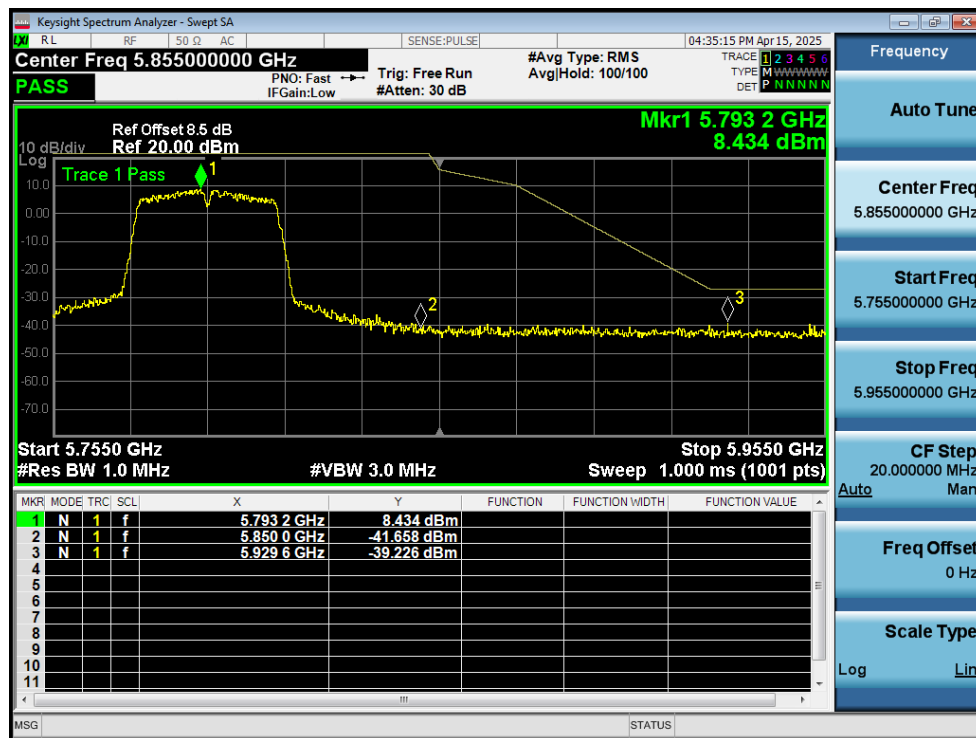
Band Edge NVNT n40 5755MHz Low Ant1



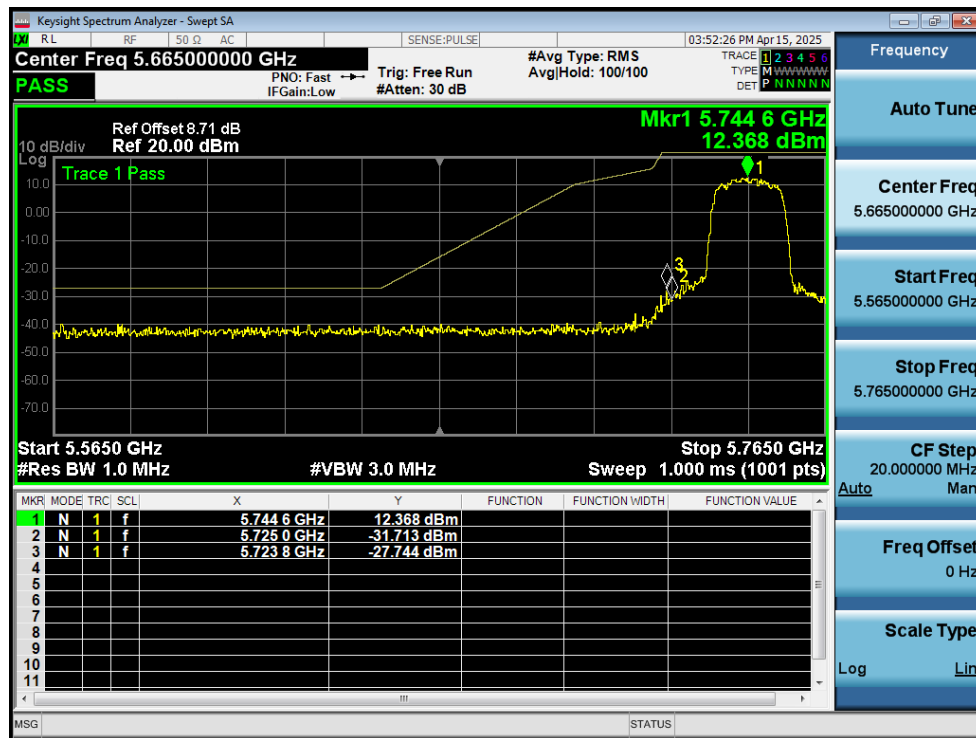
Band Edge NVNT n40 5795MHz High Ant1



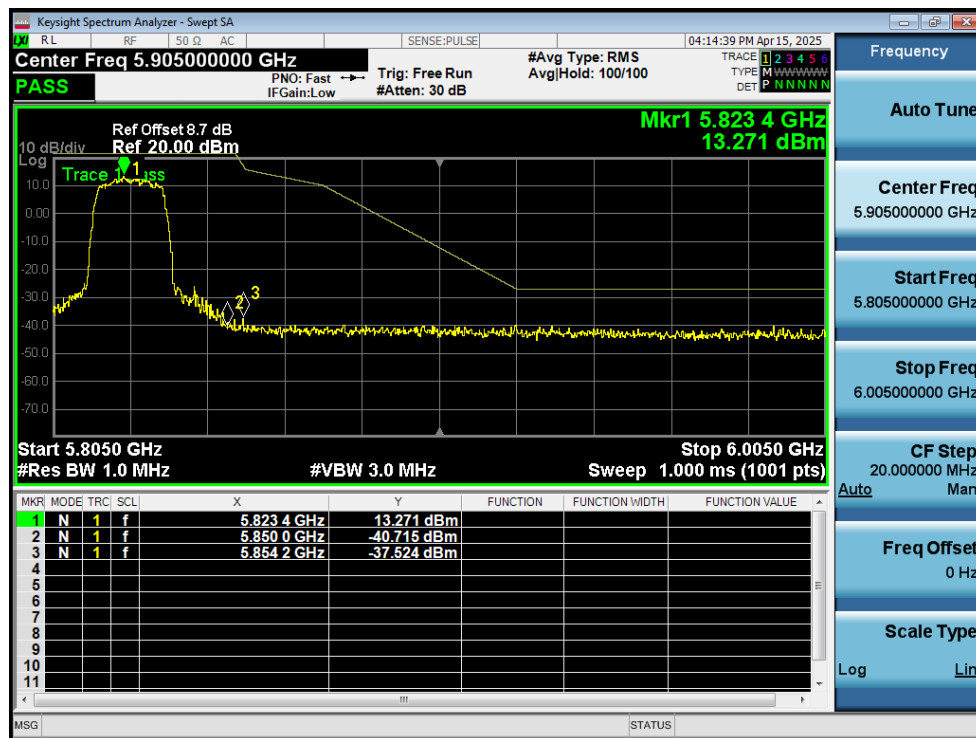
Band Edge NVNT n40 5755MHz Low Ant2



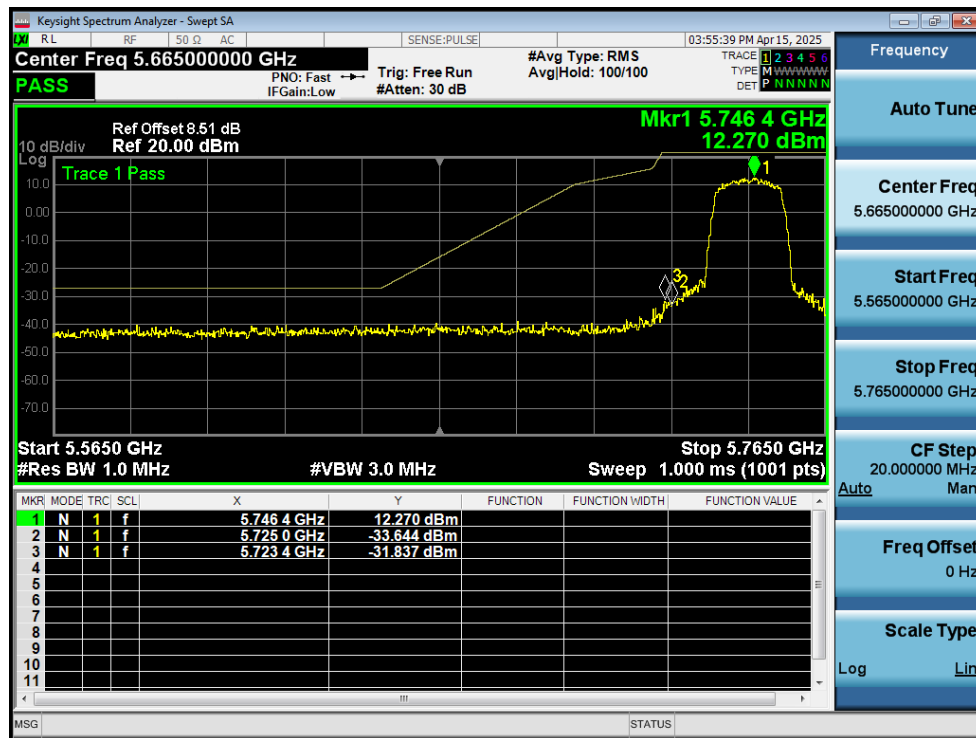
Band Edge NVNT n40 5795MHz High Ant2



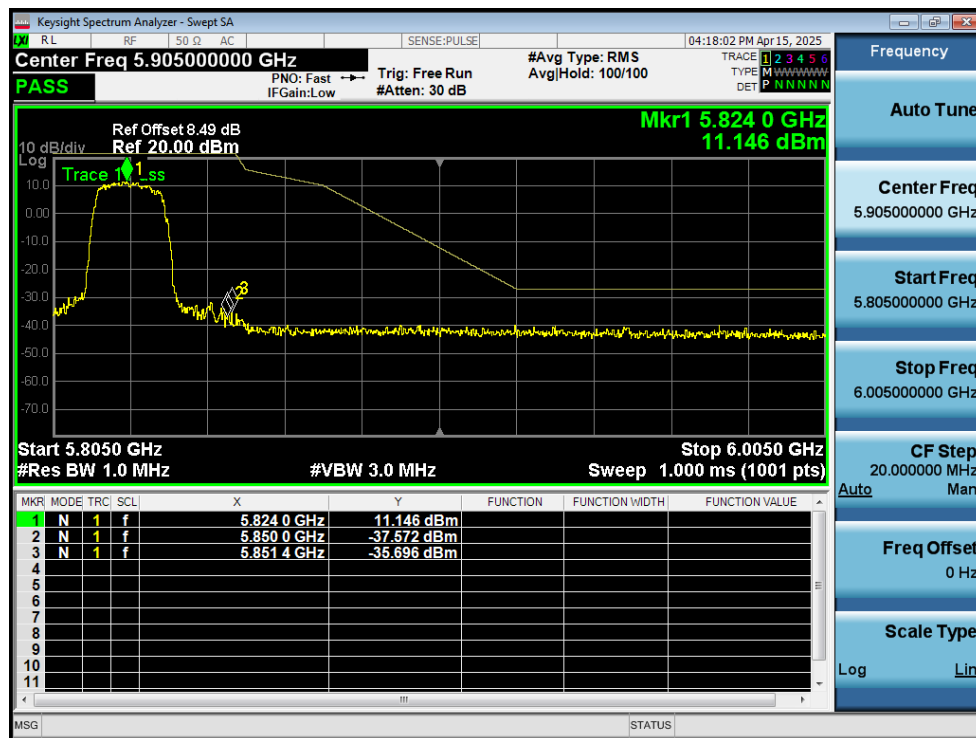
Band Edge NVNT ac20 5745MHz Low Ant1



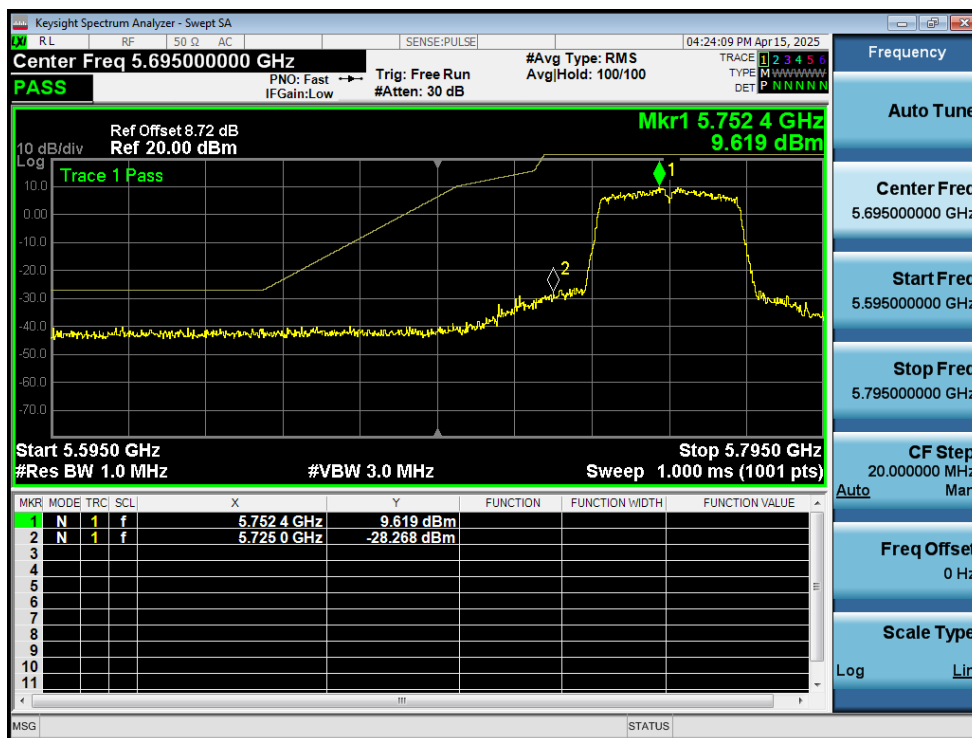
Band Edge NVNT ac20 5825MHz High Ant1



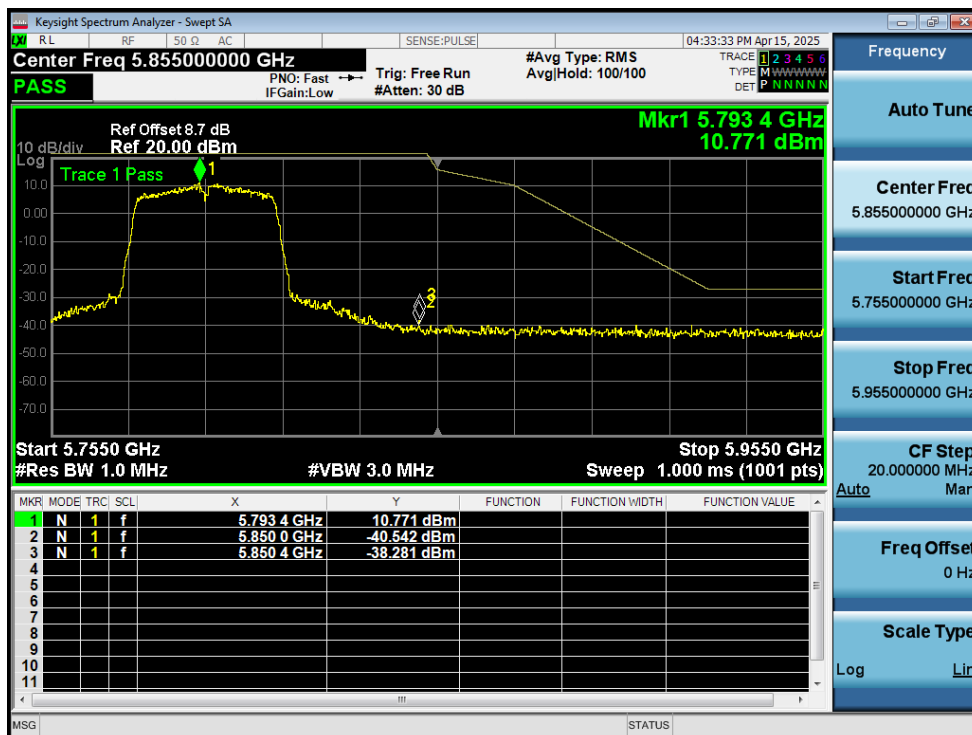
Band Edge NVNT ac20 5745MHz Low Ant2



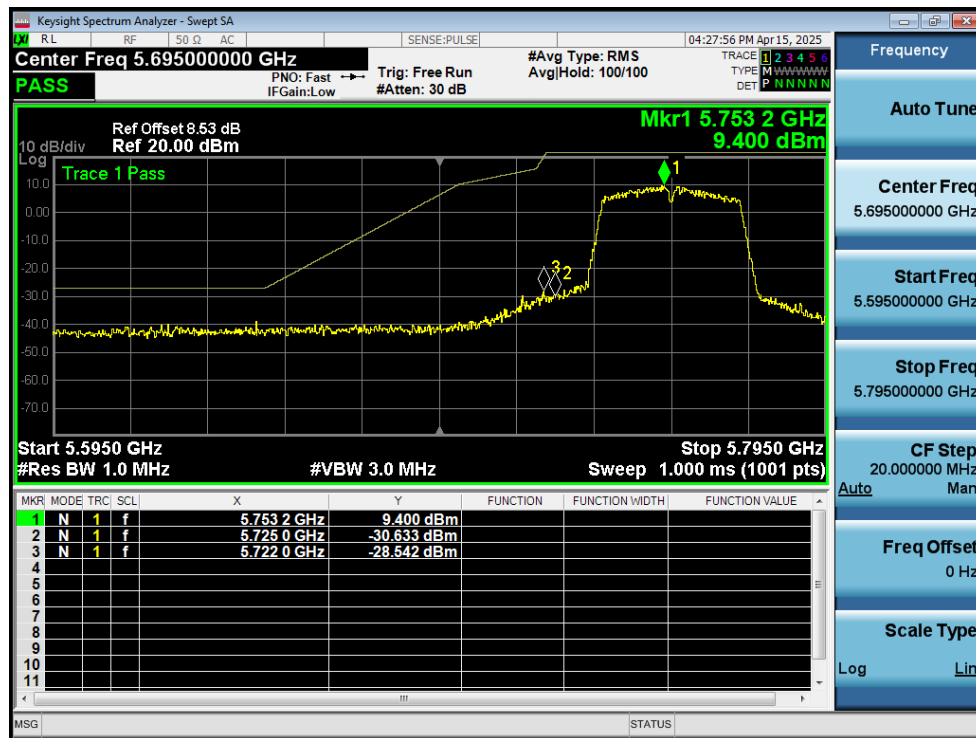
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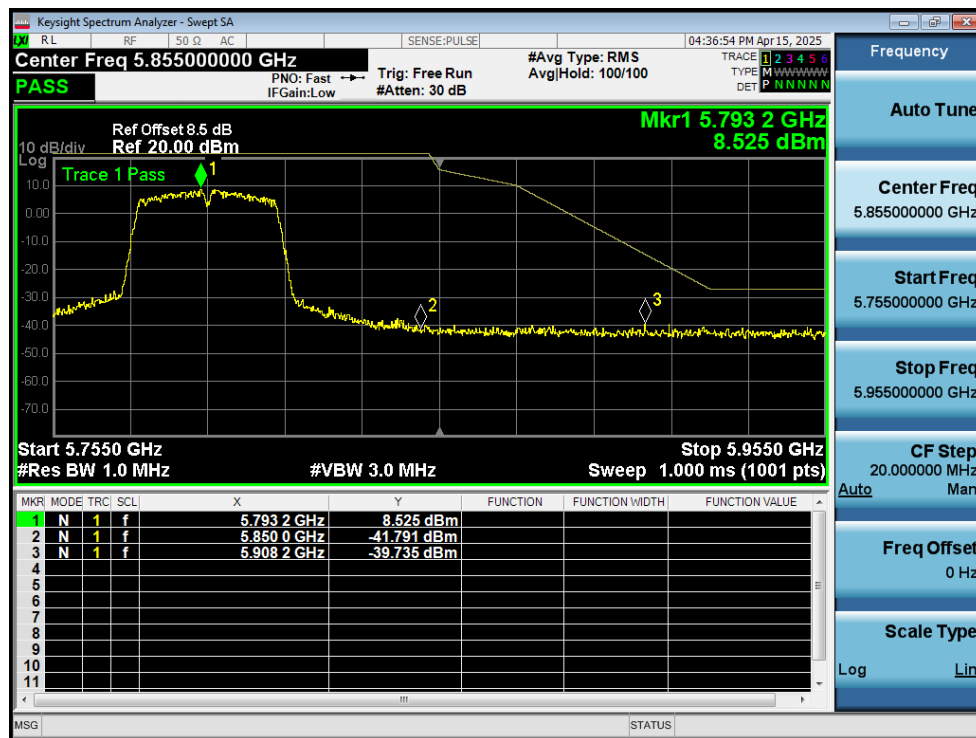
Band Edge NVNT ac40 5755MHz Low Ant1



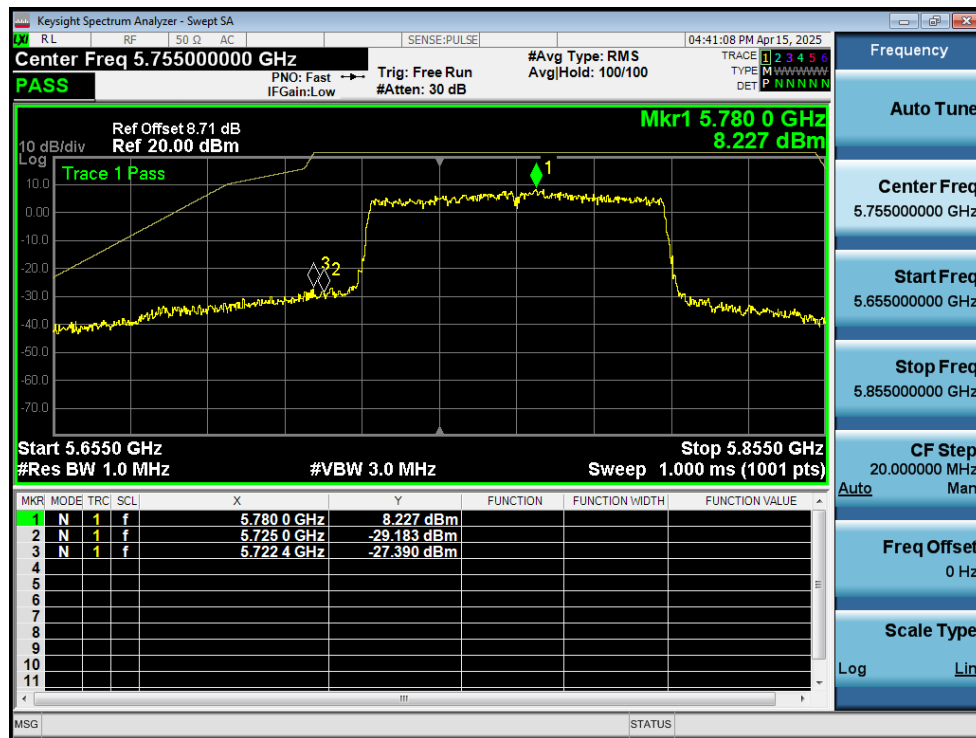
Band Edge NVNT ac40 5795MHz High Ant1



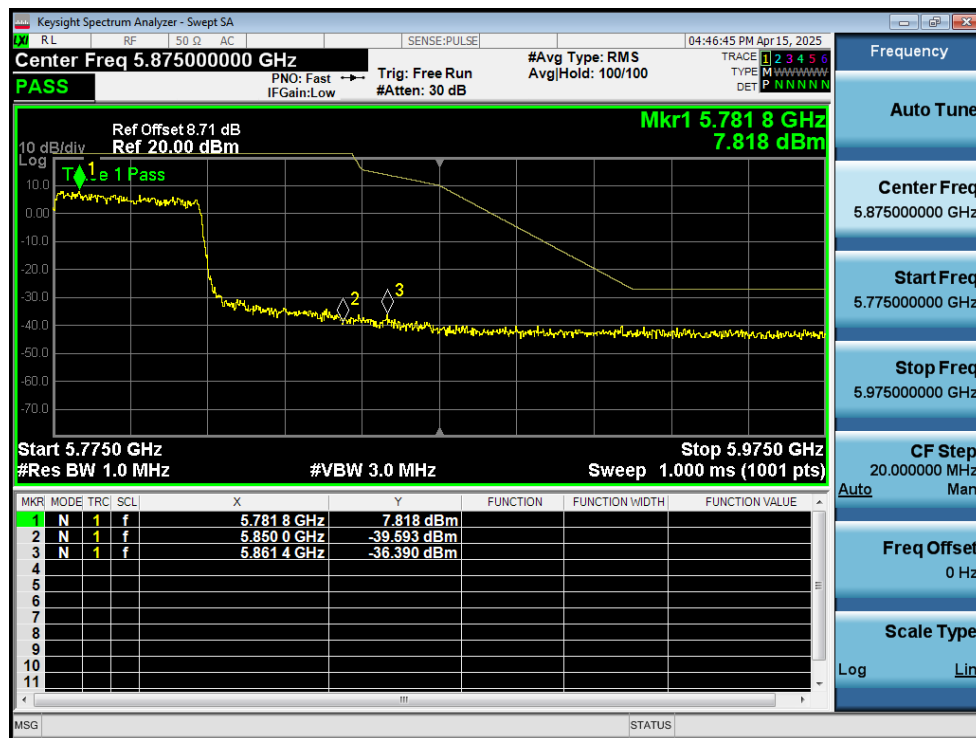
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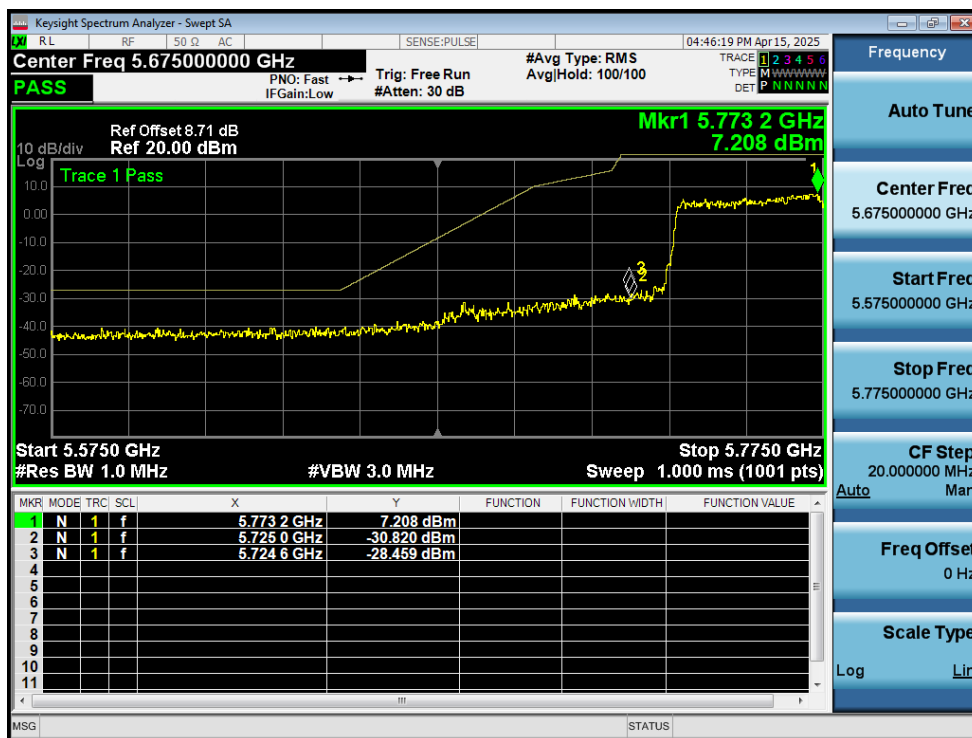
Band Edge NVNT ac40 5795MHz High Ant2



Band Edge NVNT ac80 5775MHz Low Ant1



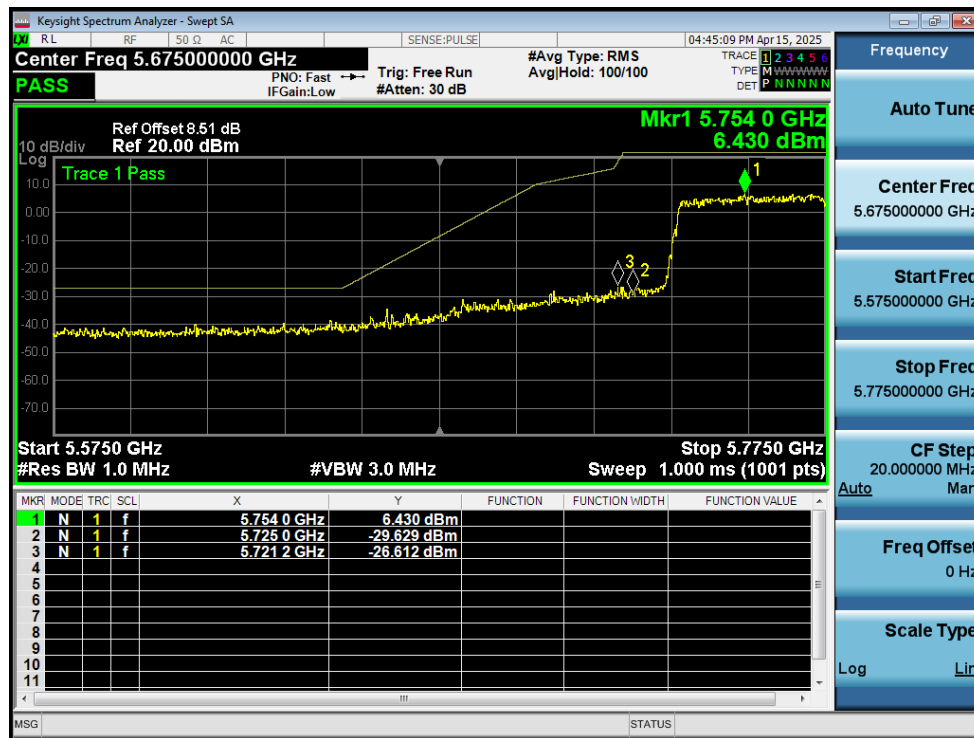
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT ac80 5775MHz High Ant2

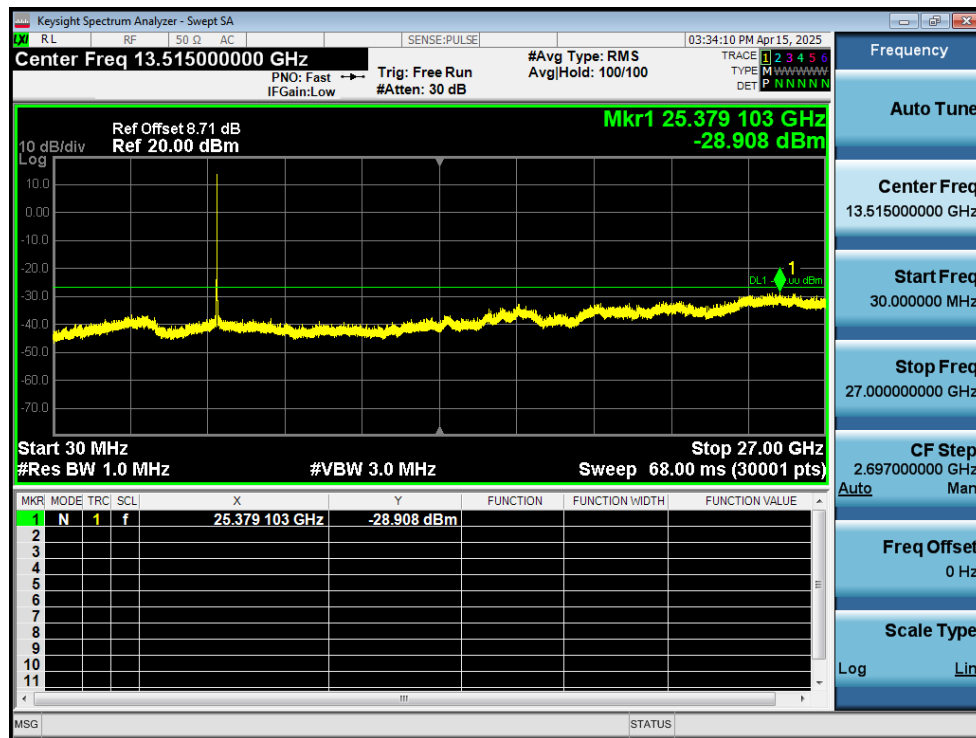


Band Edge NVNT ac80 5775MHz Low Ant2

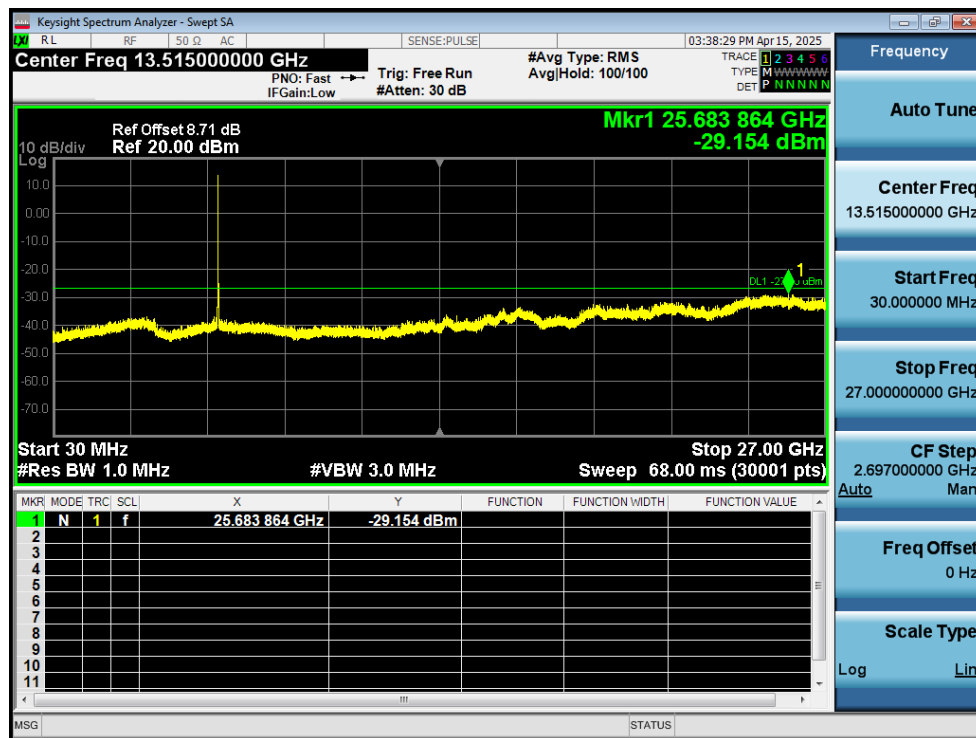
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-28.9	-27	Pass
NVNT	a	5785	Ant1	-29.15	-27	Pass
NVNT	a	5825	Ant1	-28.47	-27	Pass
NVNT	a	5745	Ant2	-28.65	-27	Pass
NVNT	a	5785	Ant2	-28.93	-27	Pass
NVNT	a	5825	Ant2	-28.61	-27	Pass
NVNT	n20	5745	Ant1	-29.26	-27	Pass
NVNT	n20	5785	Ant1	-28.72	-27	Pass
NVNT	n20	5825	Ant1	-27.99	-27	Pass
NVNT	n20	5745	Ant2	-28.71	-27	Pass
NVNT	n20	5785	Ant2	-28.7	-27	Pass
NVNT	n20	5825	Ant2	-29.27	-27	Pass
NVNT	n40	5755	Ant1	-28.5	-27	Pass
NVNT	n40	5795	Ant1	-28.3	-27	Pass
NVNT	n40	5755	Ant2	-28.57	-27	Pass
NVNT	n40	5795	Ant2	-28.82	-27	Pass
NVNT	ac20	5745	Ant1	-29.01	-27	Pass
NVNT	ac20	5785	Ant1	-28.74	-27	Pass
NVNT	ac20	5825	Ant1	-28.7	-27	Pass
NVNT	ac20	5745	Ant2	-27.88	-27	Pass
NVNT	ac20	5785	Ant2	-27.85	-27	Pass
NVNT	ac20	5825	Ant2	-29.14	-27	Pass
NVNT	ac40	5755	Ant1	-28.31	-27	Pass
NVNT	ac40	5795	Ant1	-28.49	-27	Pass
NVNT	ac40	5755	Ant2	-28.33	-27	Pass
NVNT	ac40	5795	Ant2	-29.37	-27	Pass
NVNT	ac80	5775	Ant1	-28.65	-27	Pass
NVNT	ac80	5775	Ant2	-28.62	-27	Pass

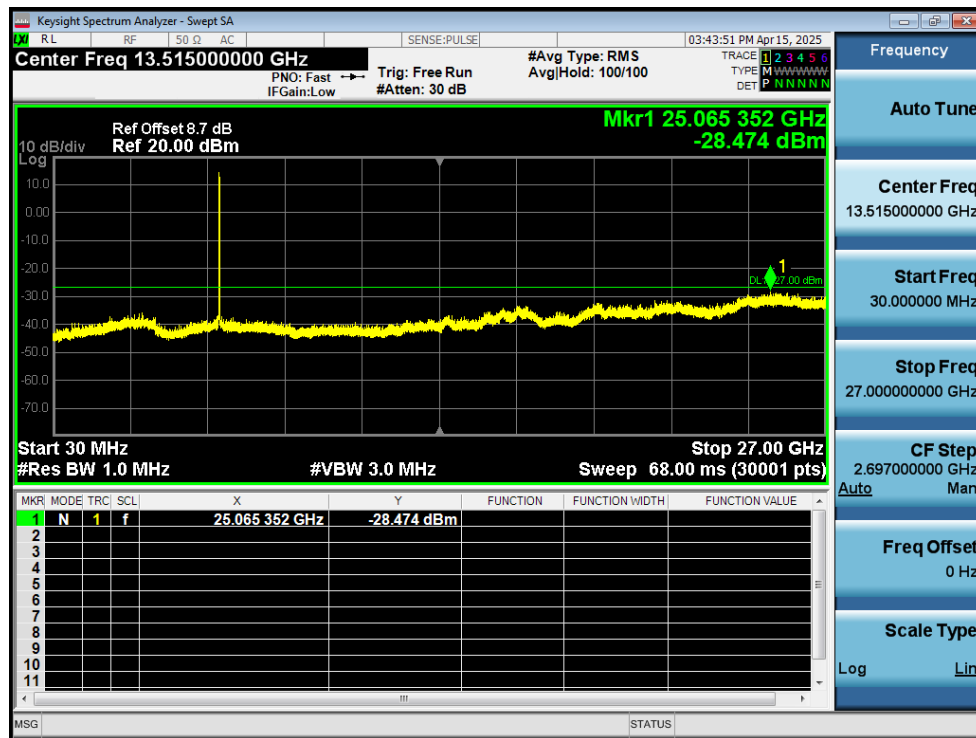
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



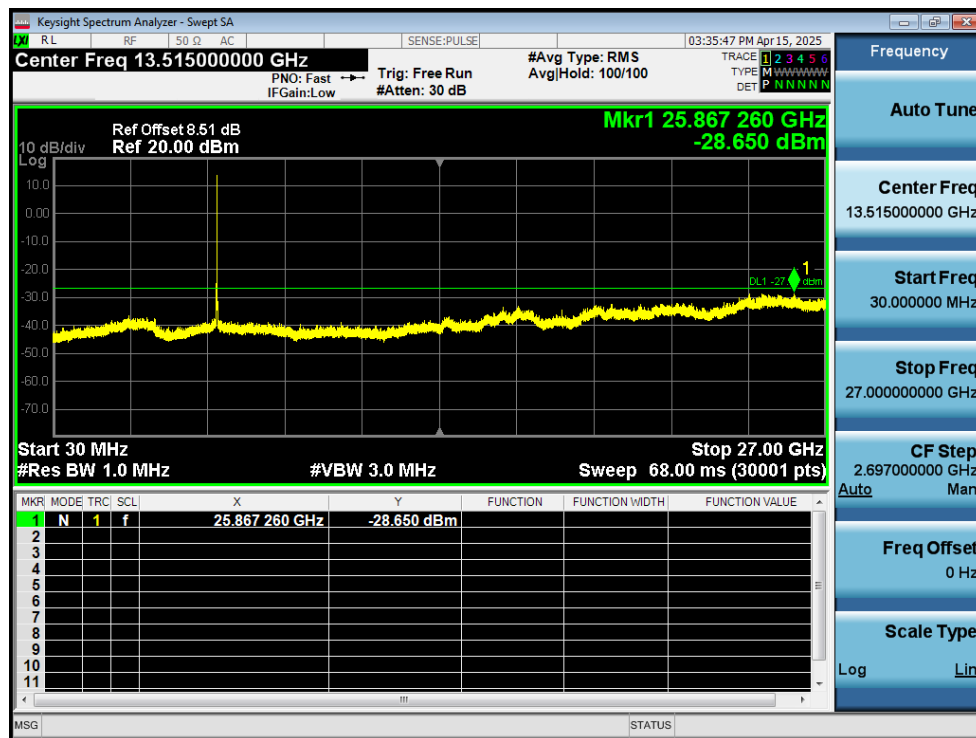
Tx. Spurious NVNT a 5745MHz Ant1 Emission



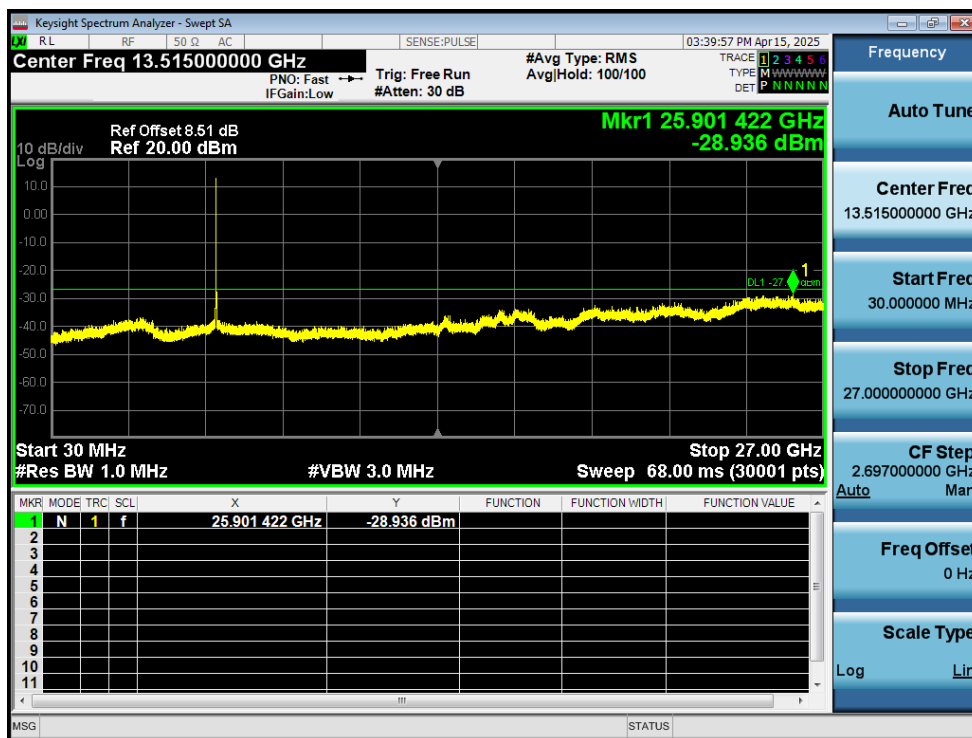
Tx. Spurious NVNT a 5785MHz Ant1 Emission



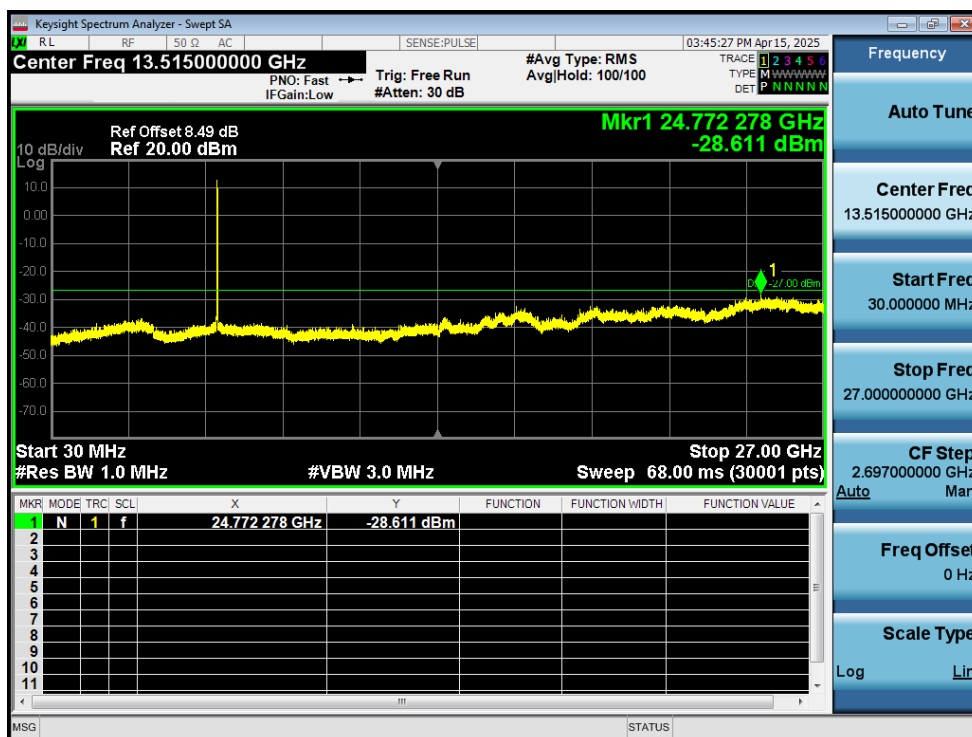
Tx. Spurious NVNT a 5825MHz Ant1 Emission



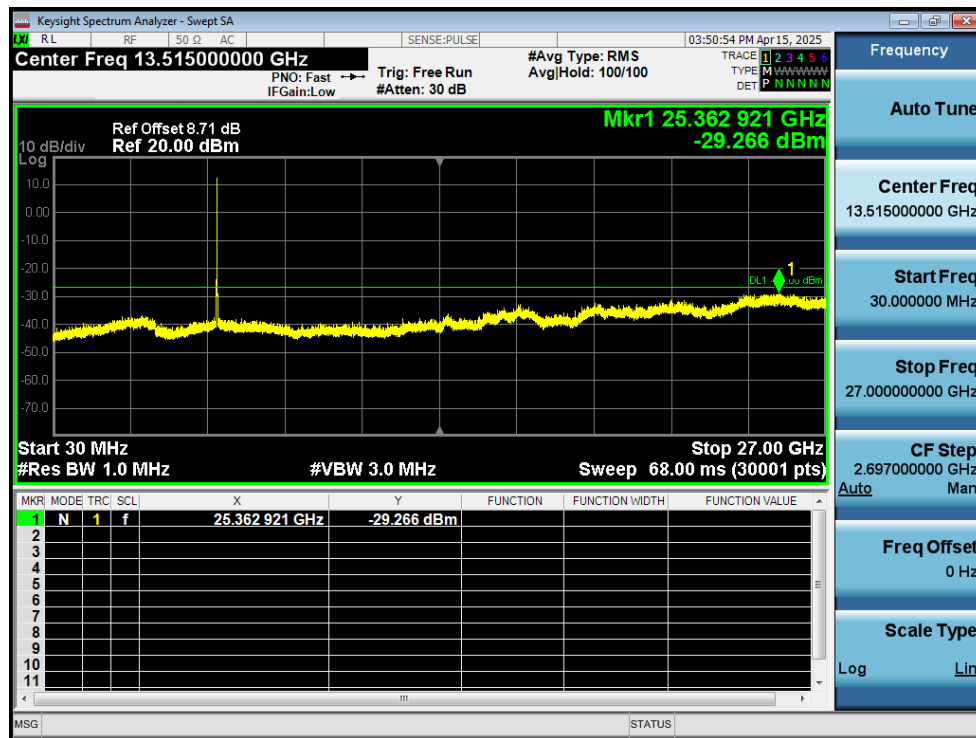
Tx. Spurious NVNT a 5745MHz Ant2 Emission



Tx. Spurious NVNT a 5785MHz Ant2 Emission



Tx. Spurious NVNT a 5825MHz Ant2 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



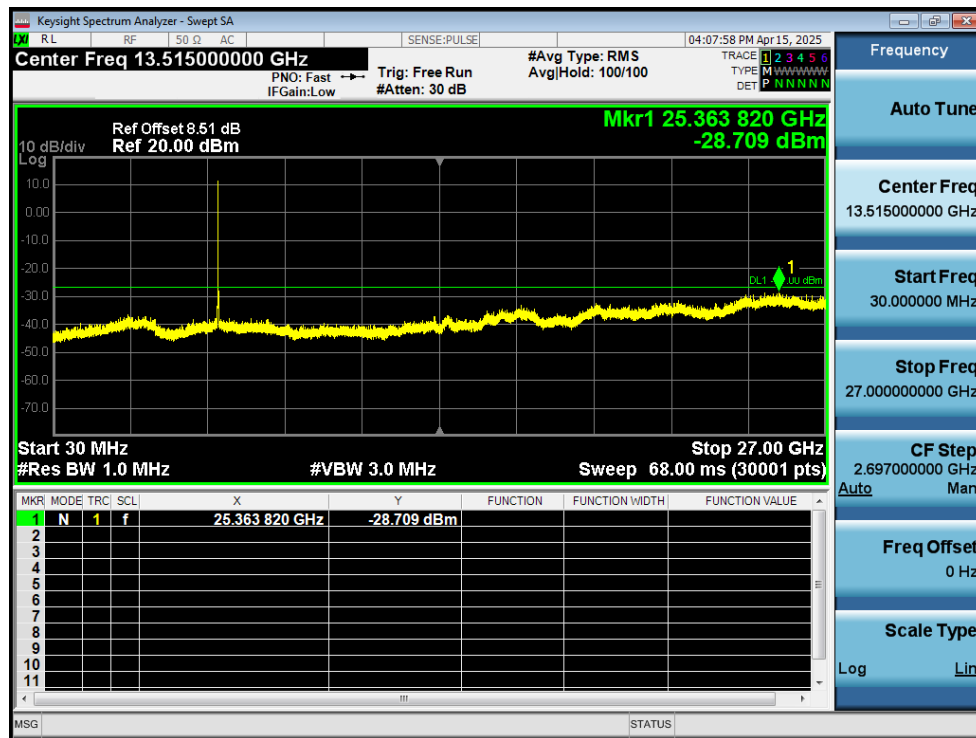
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission



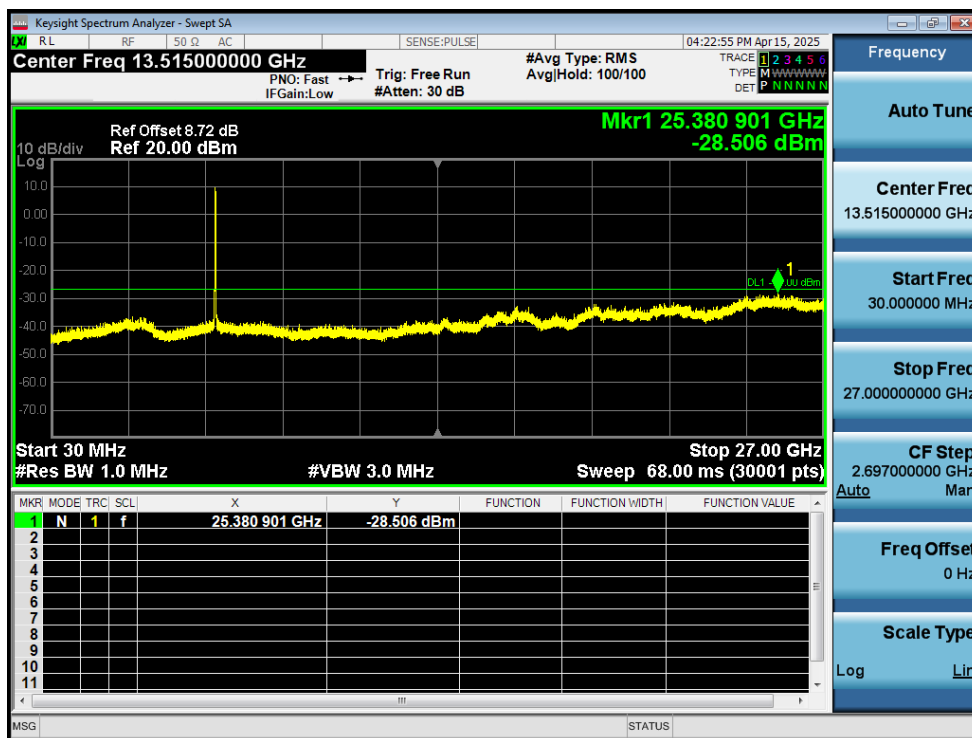
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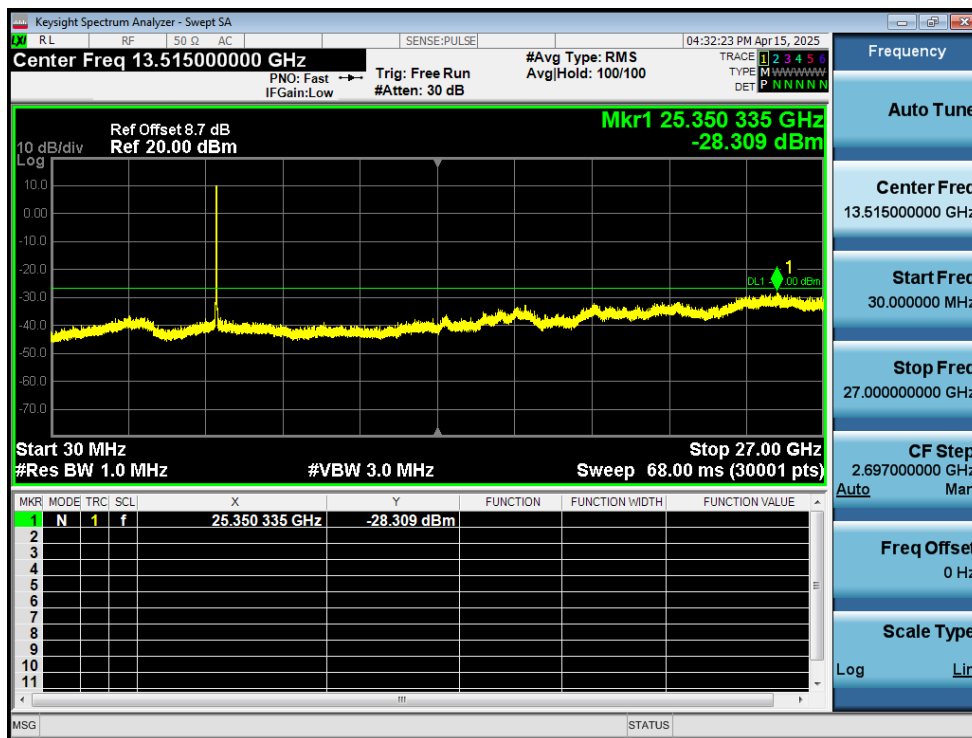
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Tx. Spurious NVNT n20 5825MHz Ant2 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



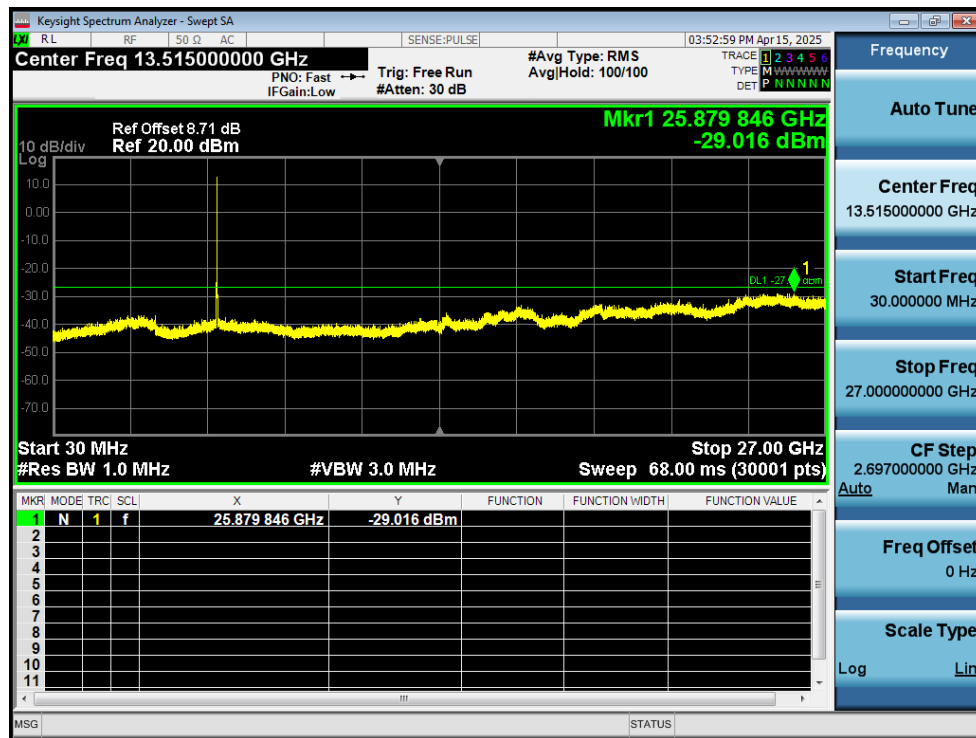
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant2 Emission



Tx. Spurious NVNT n40 5795MHz Ant2 Emission



Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



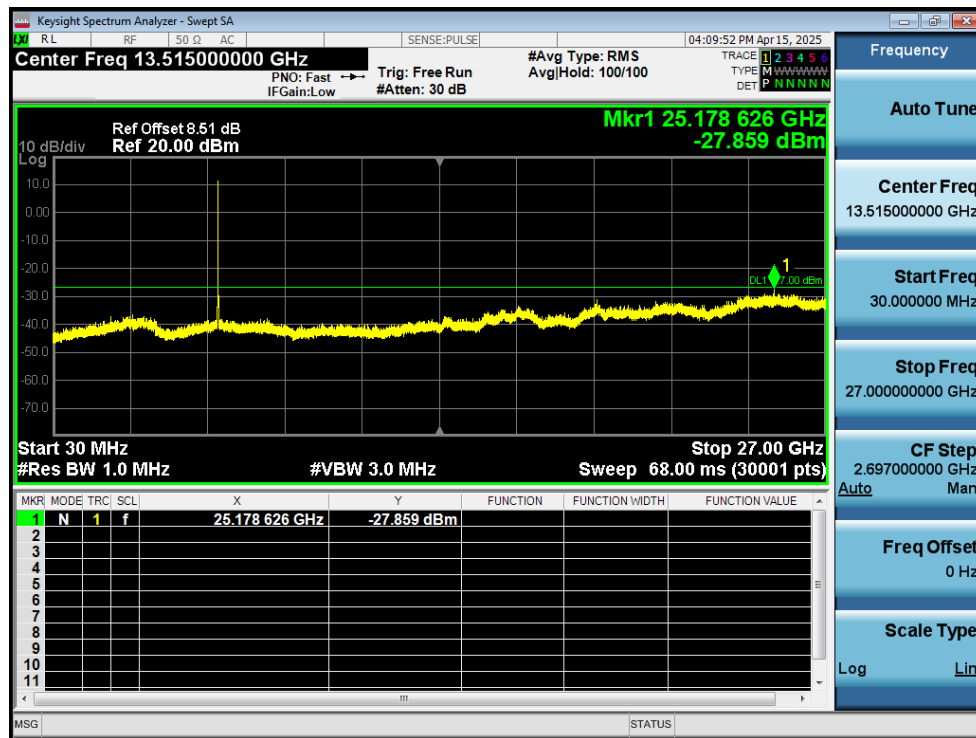
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



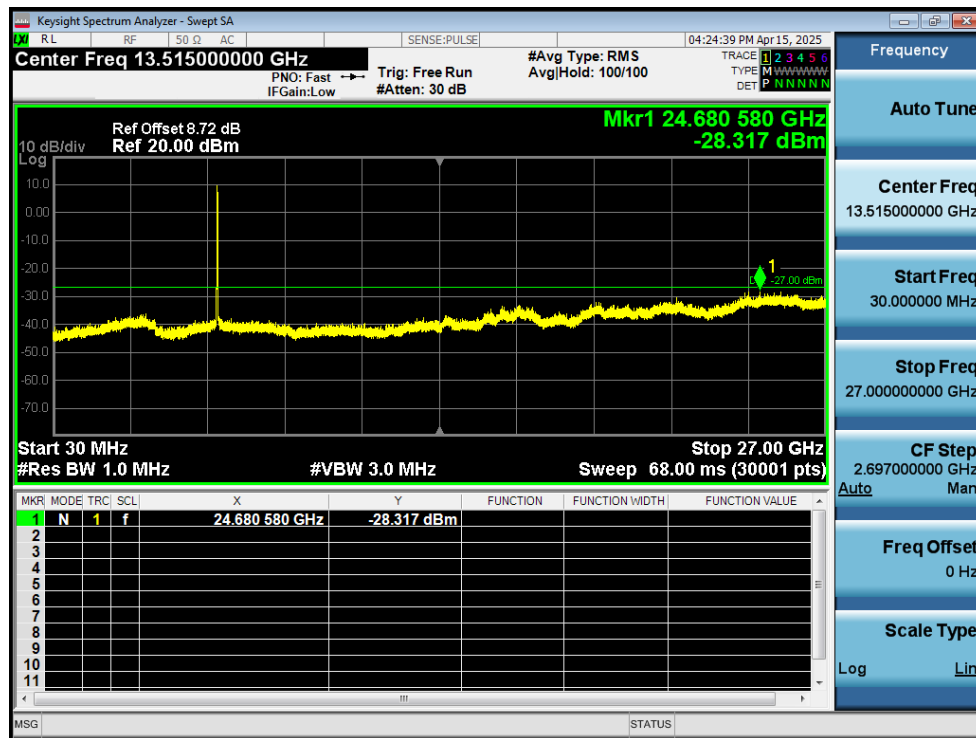
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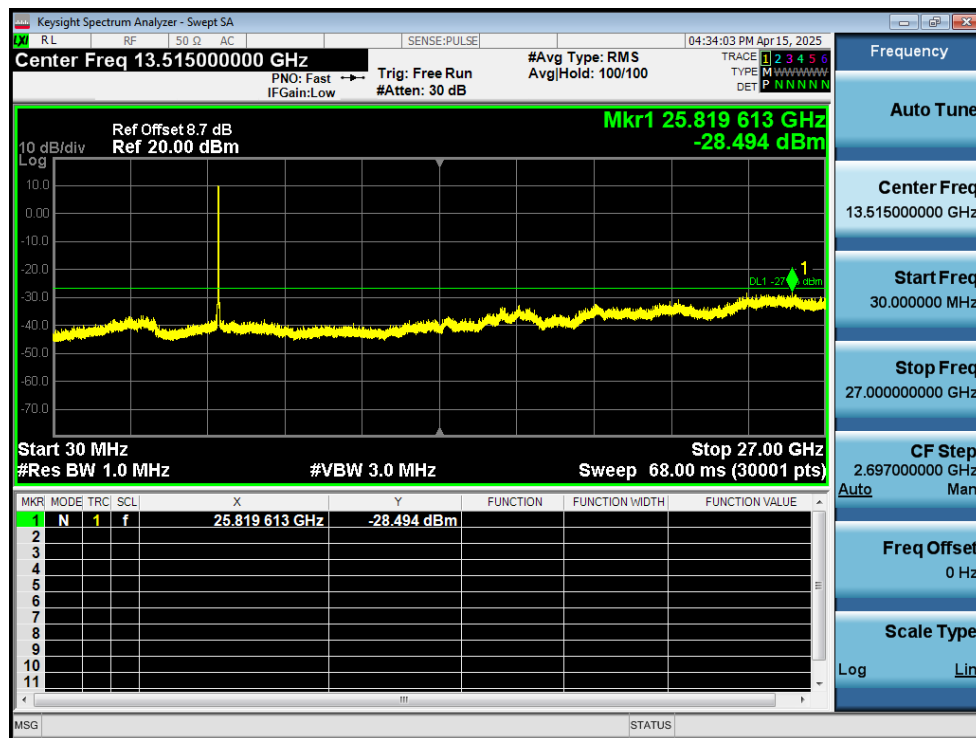
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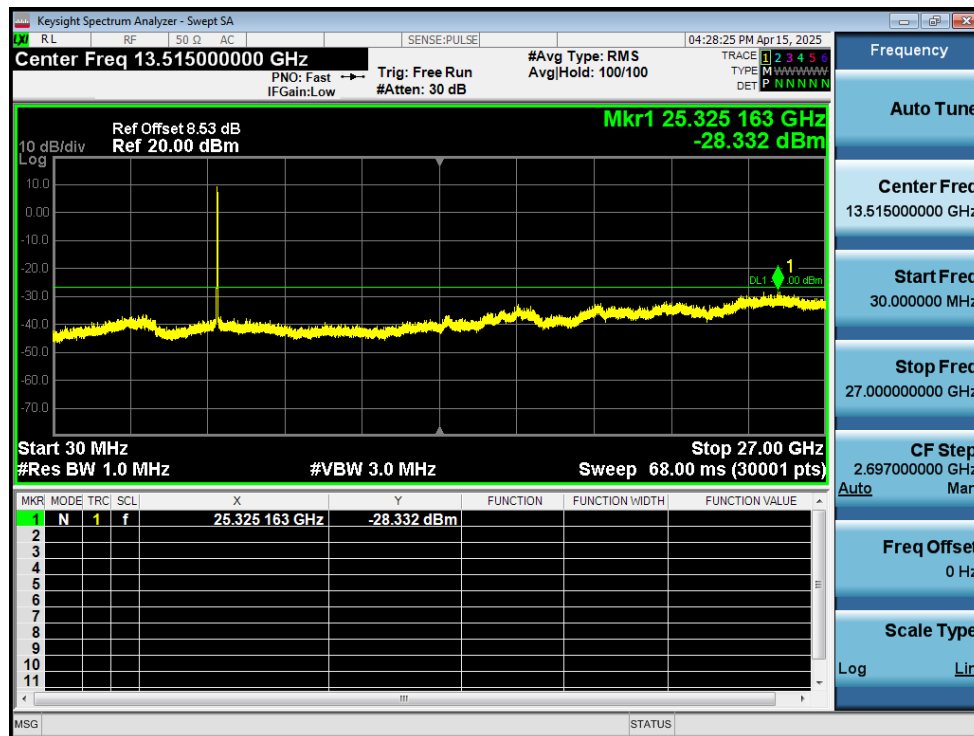
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



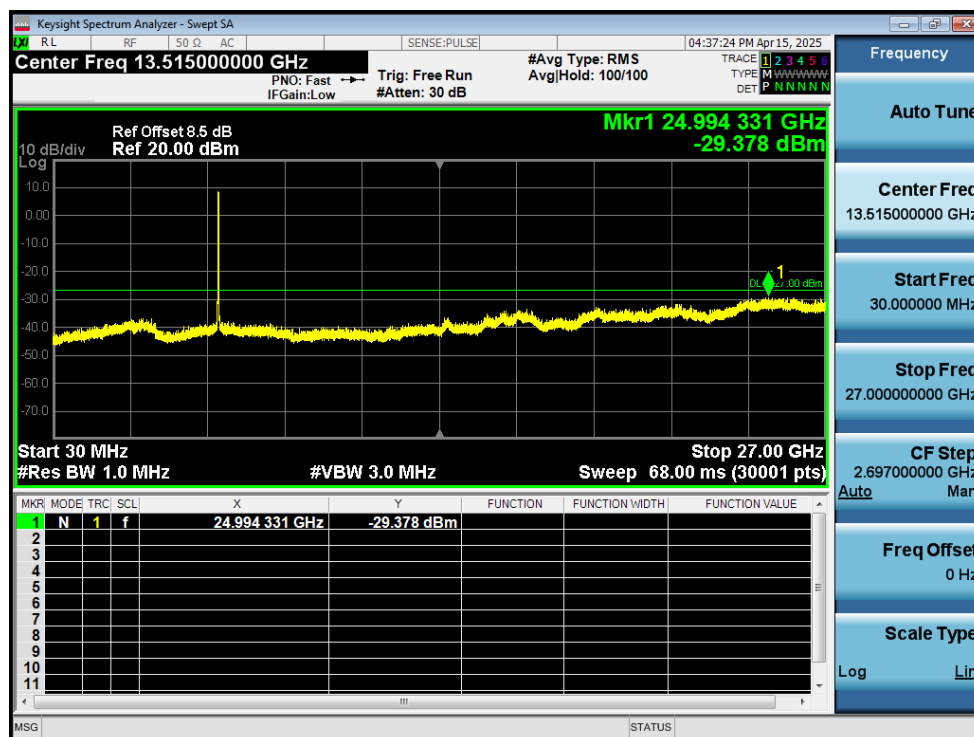
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



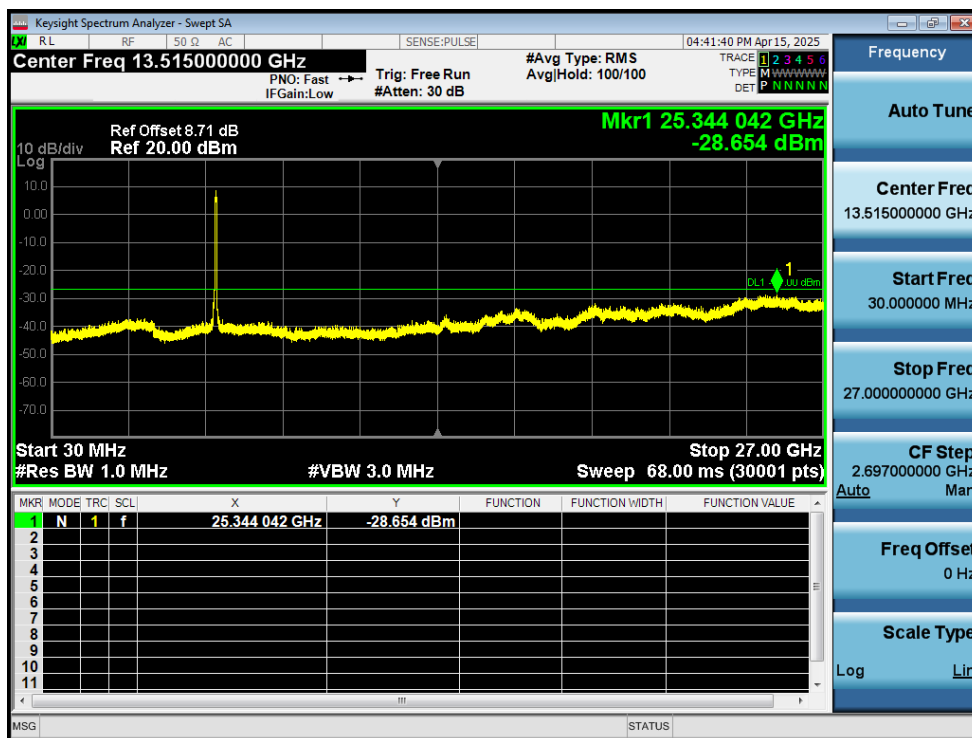
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



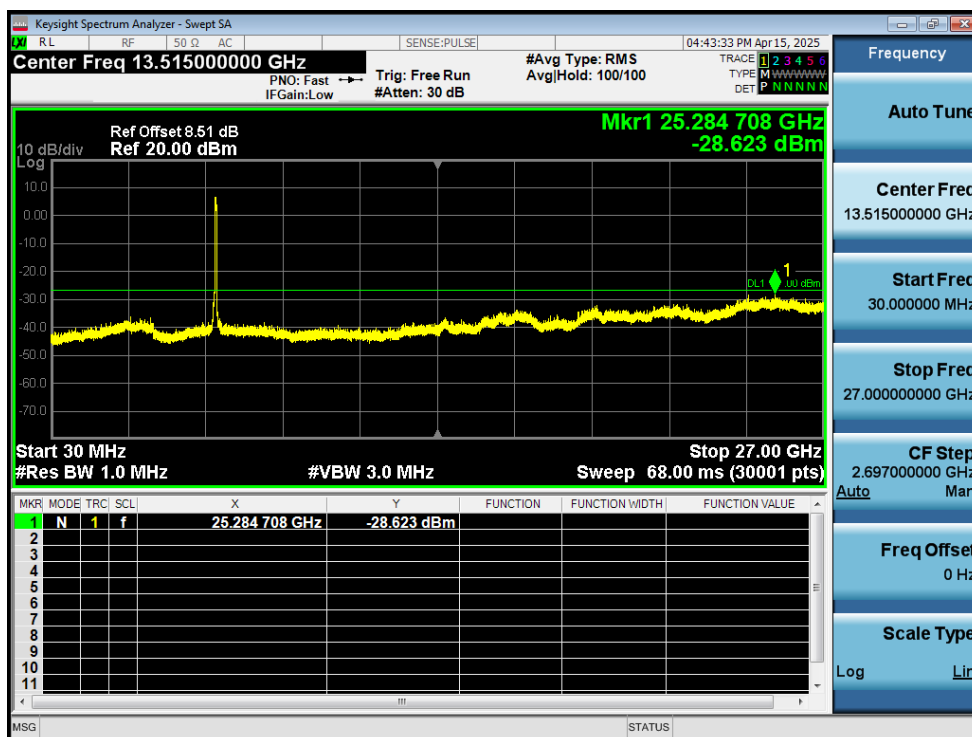
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant2 Emission