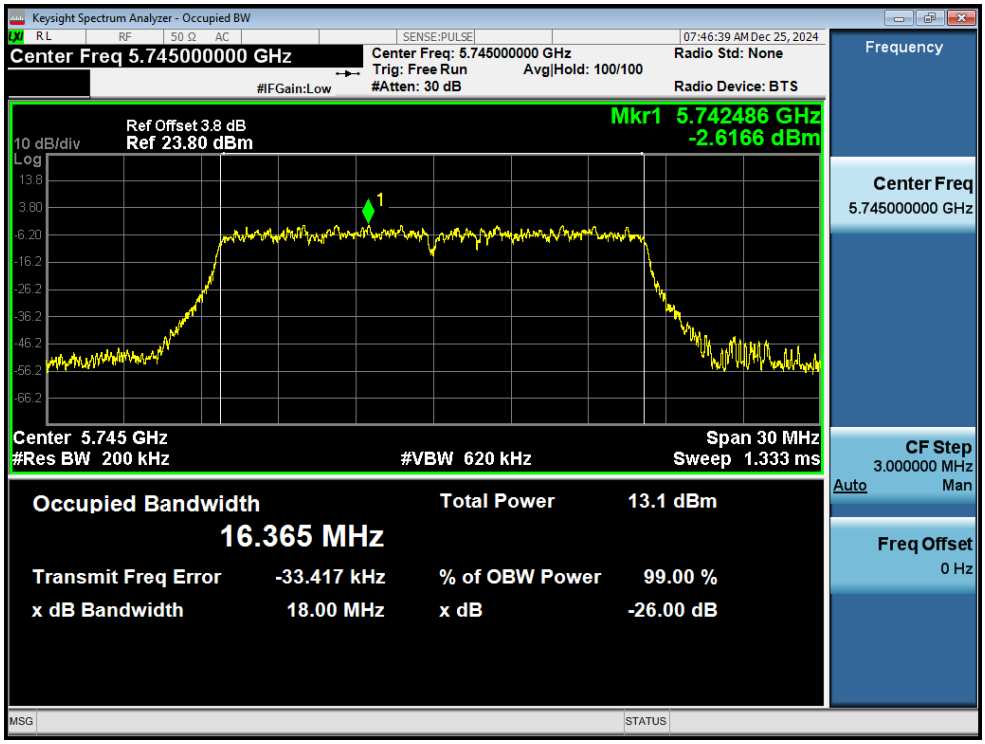
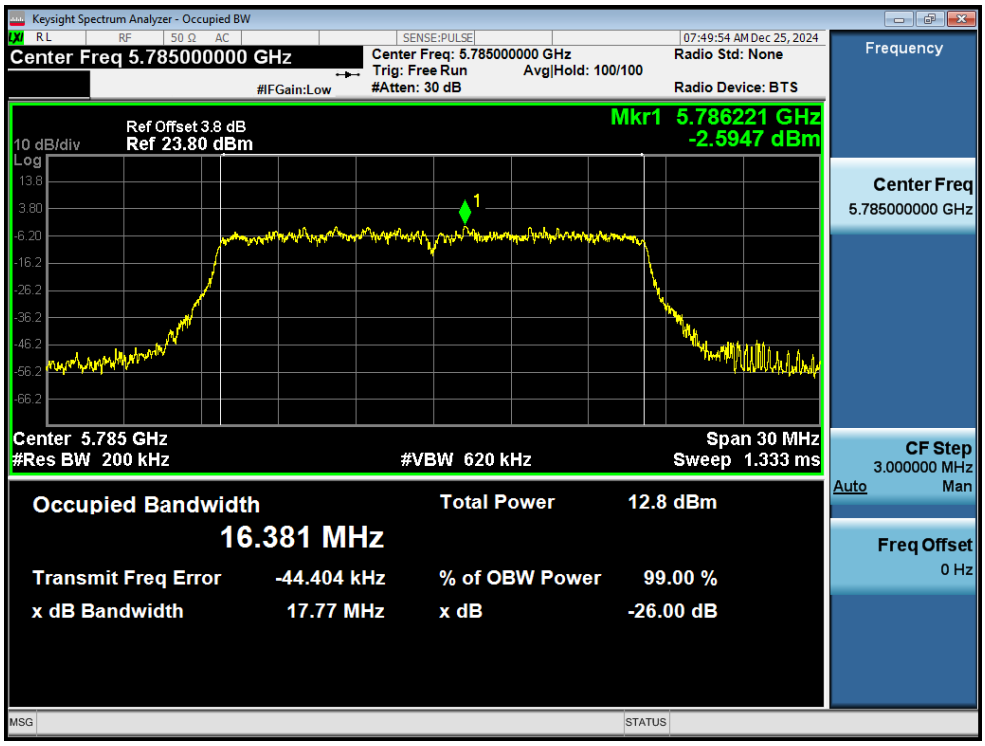
4. Occupied Channel Bandwidth

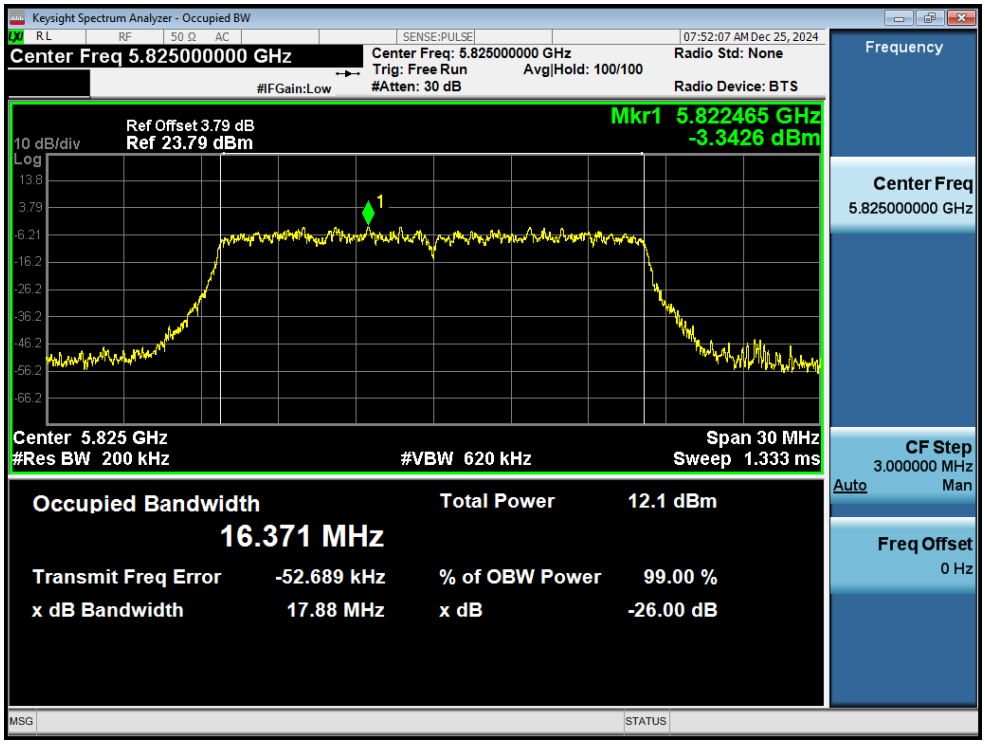
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.365
NVNT	a	5785	Ant1	16.381
NVNT	a	5825	Ant1	16.371
NVNT	a	5745	Ant2	16.376
NVNT	a	5785	Ant2	16.347
NVNT	a	5825	Ant2	16.372
NVNT	n20	5745	Ant1	17.603
NVNT	n20	5785	Ant1	17.572
NVNT	n20	5825	Ant1	17.595
NVNT	n20	5745	Ant2	17.539
NVNT	n20	5785	Ant2	17.497
NVNT	n20	5825	Ant2	17.545
NVNT	n40	5755	Ant1	35.928
NVNT	n40	5795	Ant1	36.055
NVNT	n40	5755	Ant2	36.051
NVNT	n40	5795	Ant2	36.128
NVNT	ac20	5745	Ant1	17.522
NVNT	ac20	5785	Ant1	17.556
NVNT	ac20	5825	Ant1	17.555
NVNT	ac20	5745	Ant2	17.53
NVNT	ac20	5785	Ant2	17.53
NVNT	ac20	5825	Ant2	17.531
NVNT	ac40	5755	Ant1	35.991
NVNT	ac40	5795	Ant1	35.957
NVNT	ac40	5755	Ant2	36.06
NVNT	ac40	5795	Ant2	36.079
NVNT	ac80	5775	Ant1	74.766
NVNT	ac80	5775	Ant2	74.648



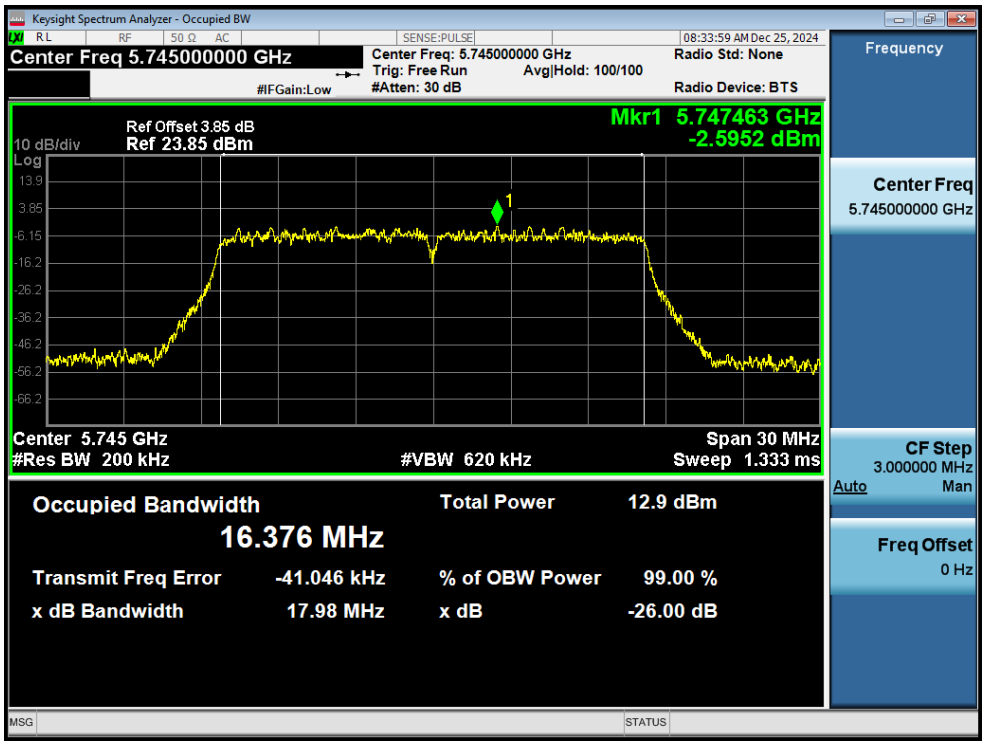
OBW NVNT a 5745MHz Ant1



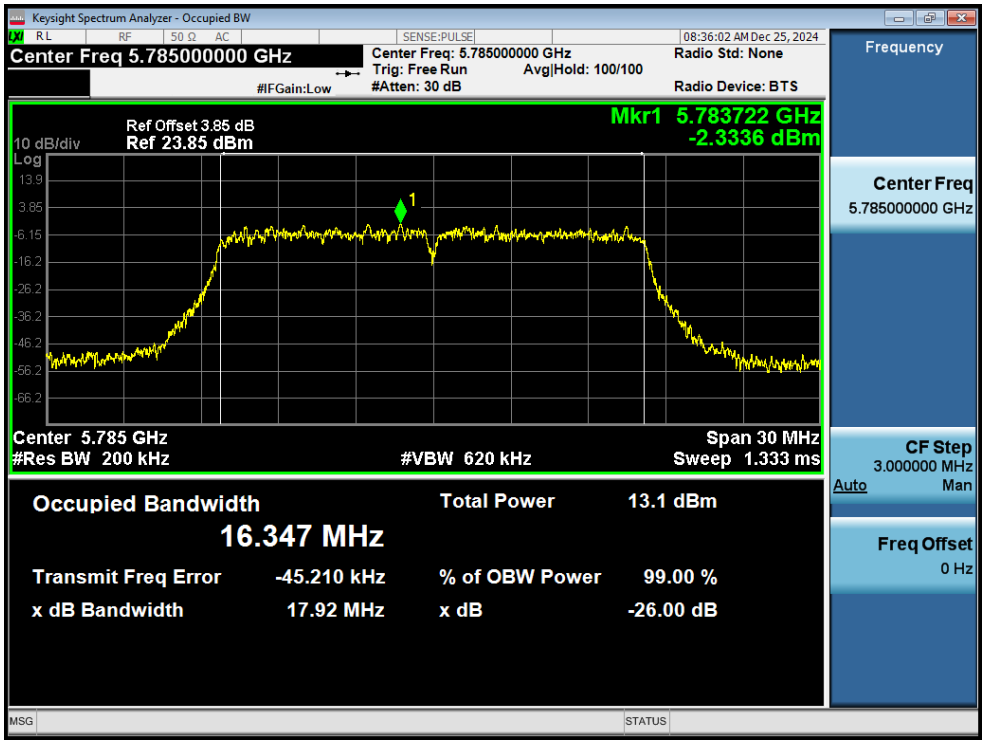
OBW NVNT a 5785MHz Ant1



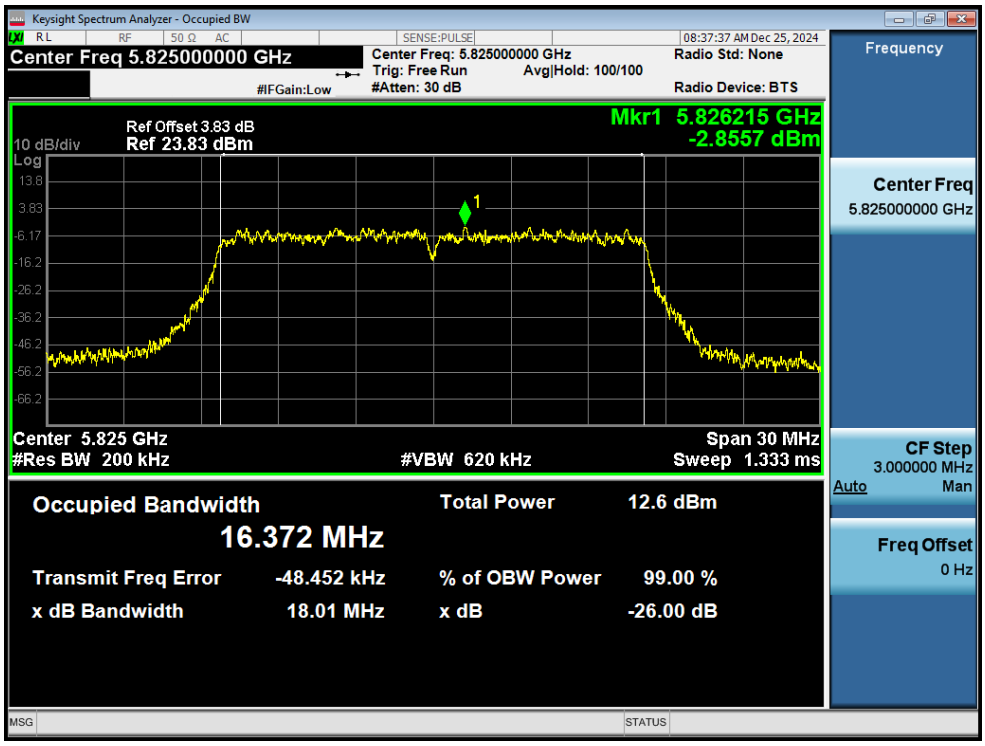
OBW NVNT a 5825MHz Ant1



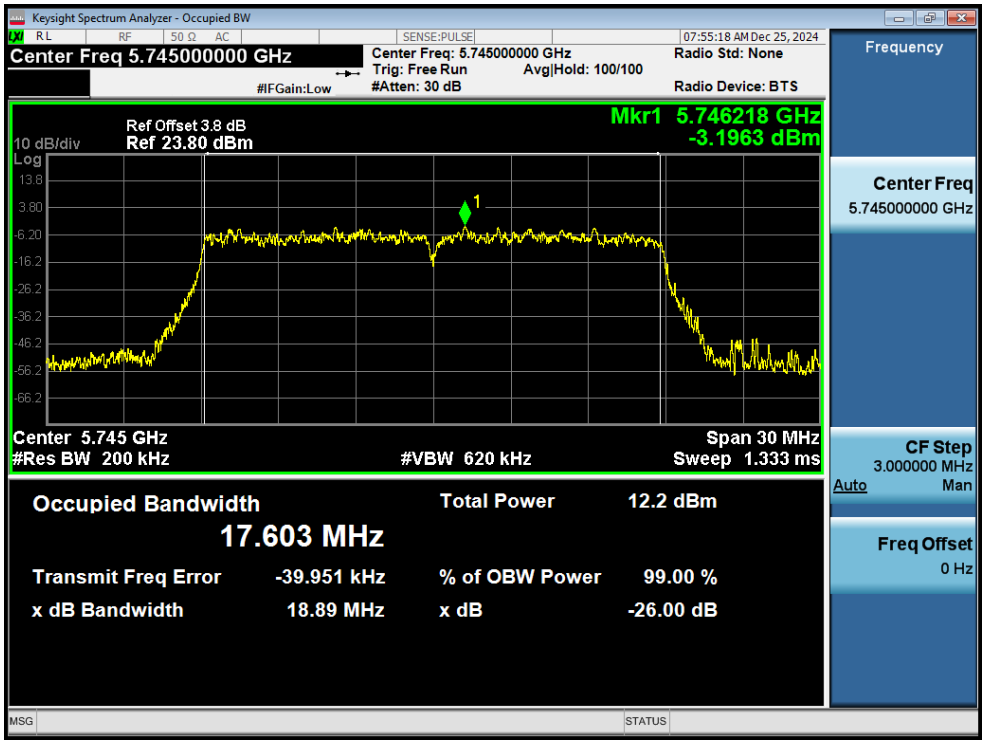
OBW NVNT a 5745MHz Ant2



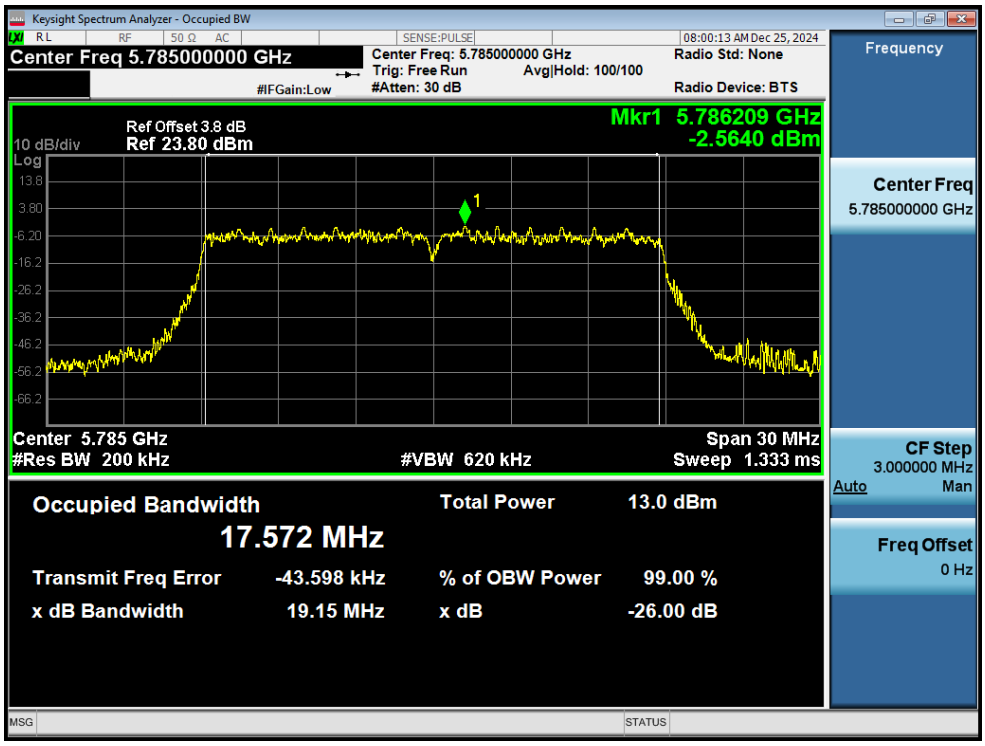
OBW NVNT a 5785MHz Ant2



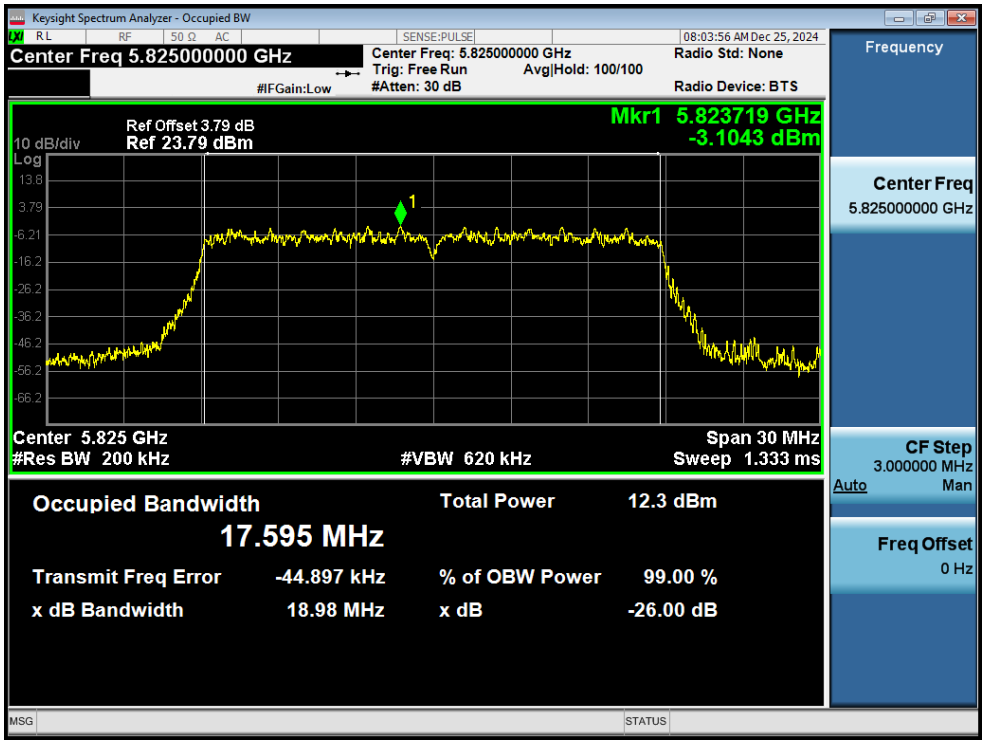
OBW NVNT a 5825MHz Ant2



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



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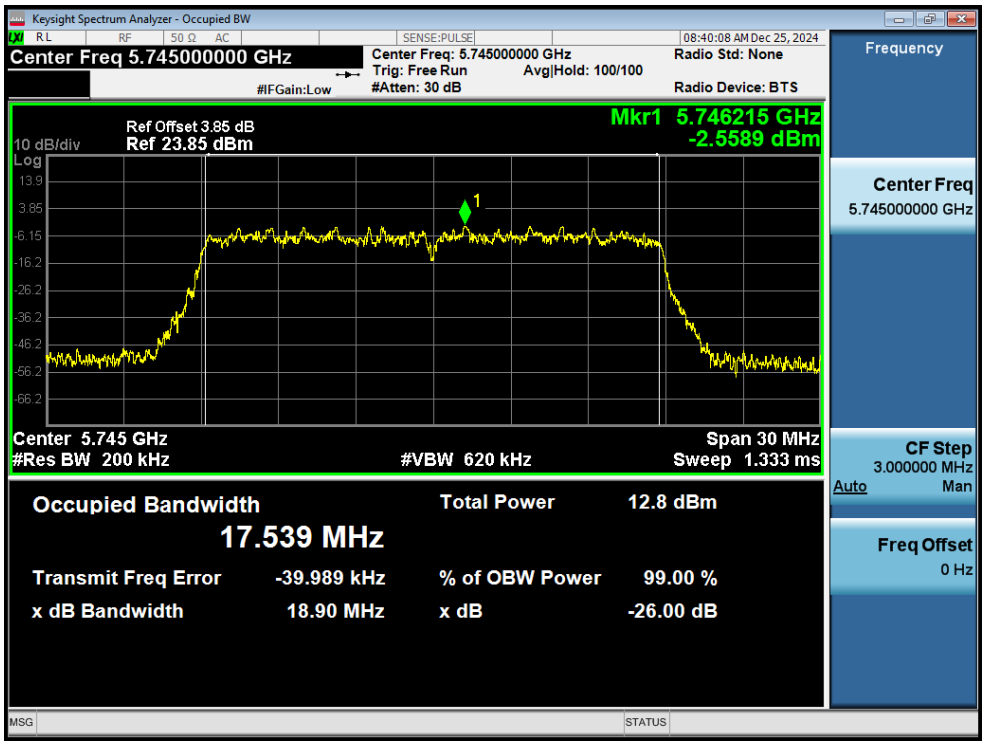
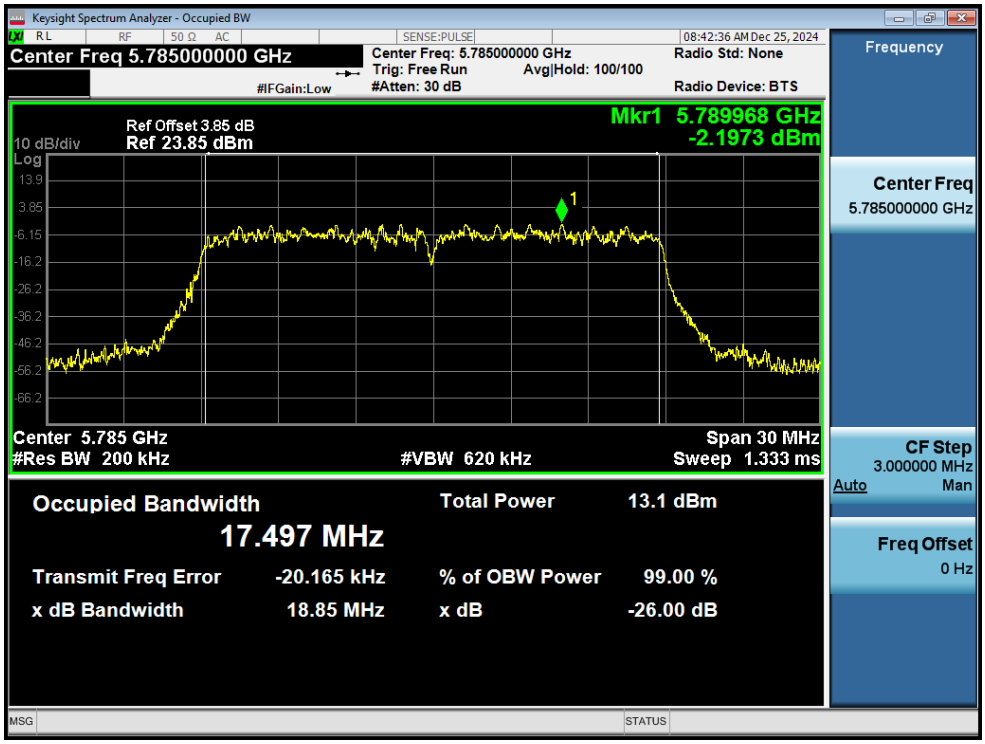
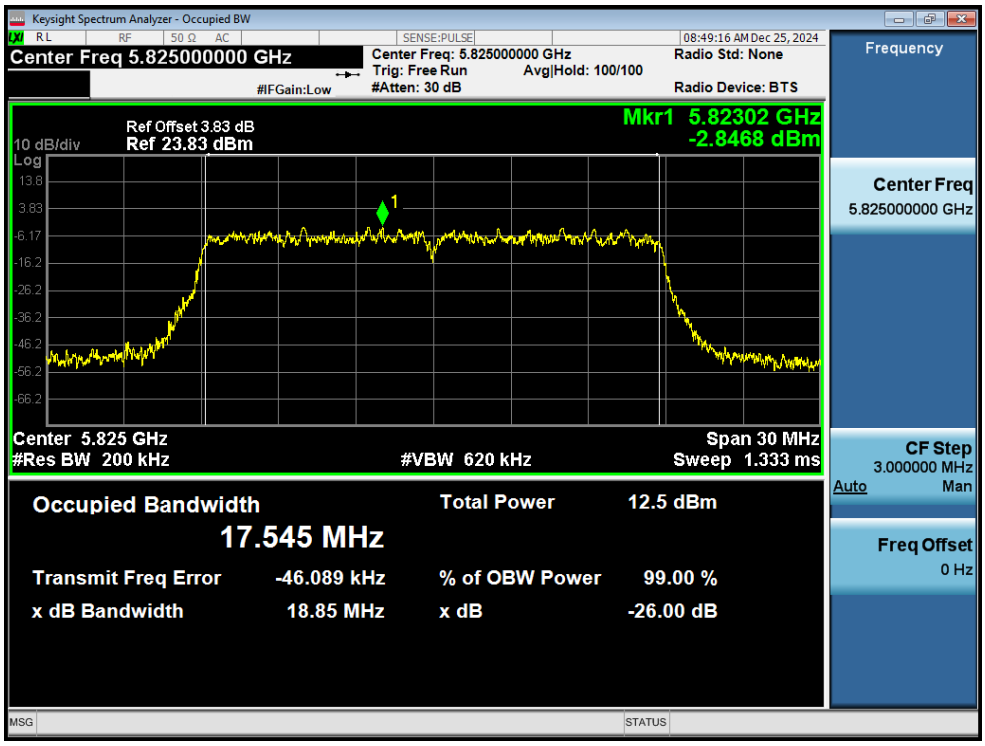


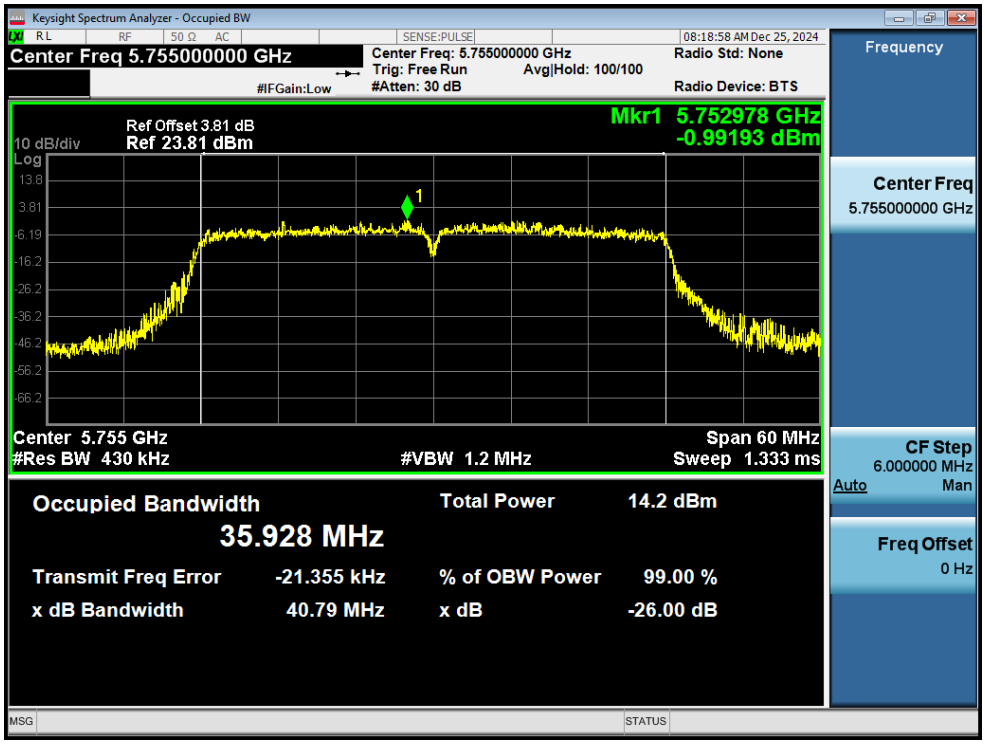
OBW NVNT n20 5745MHz Ant2



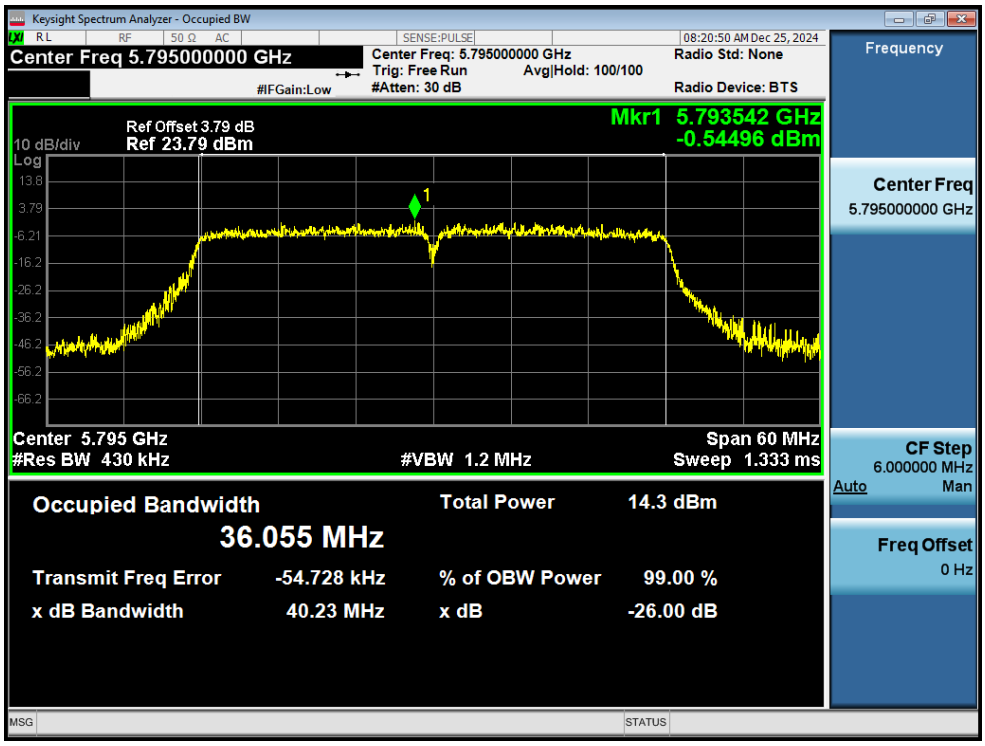
OBW NVNT n20 5785MHz Ant2



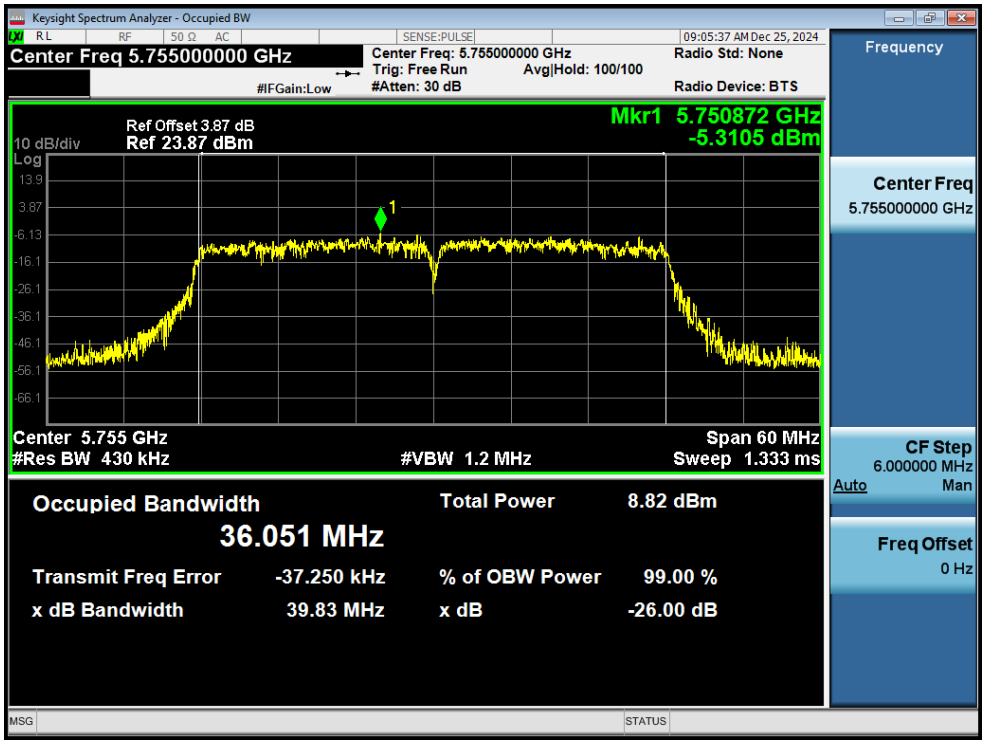
OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant1

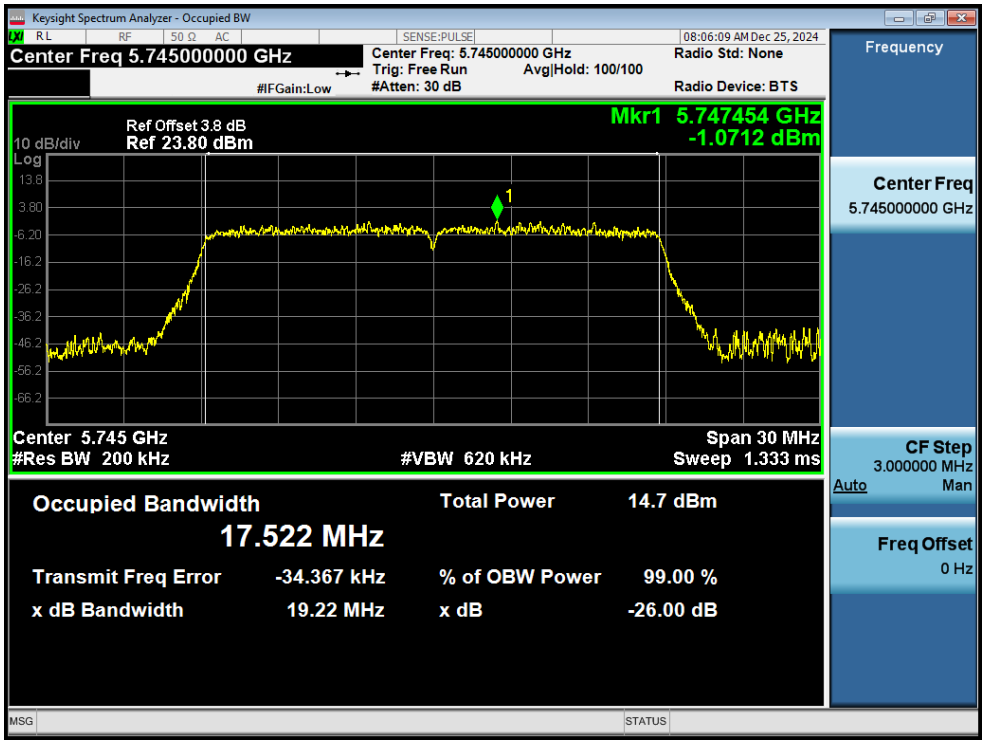


OBW NVNT n40 5795MHz Ant1

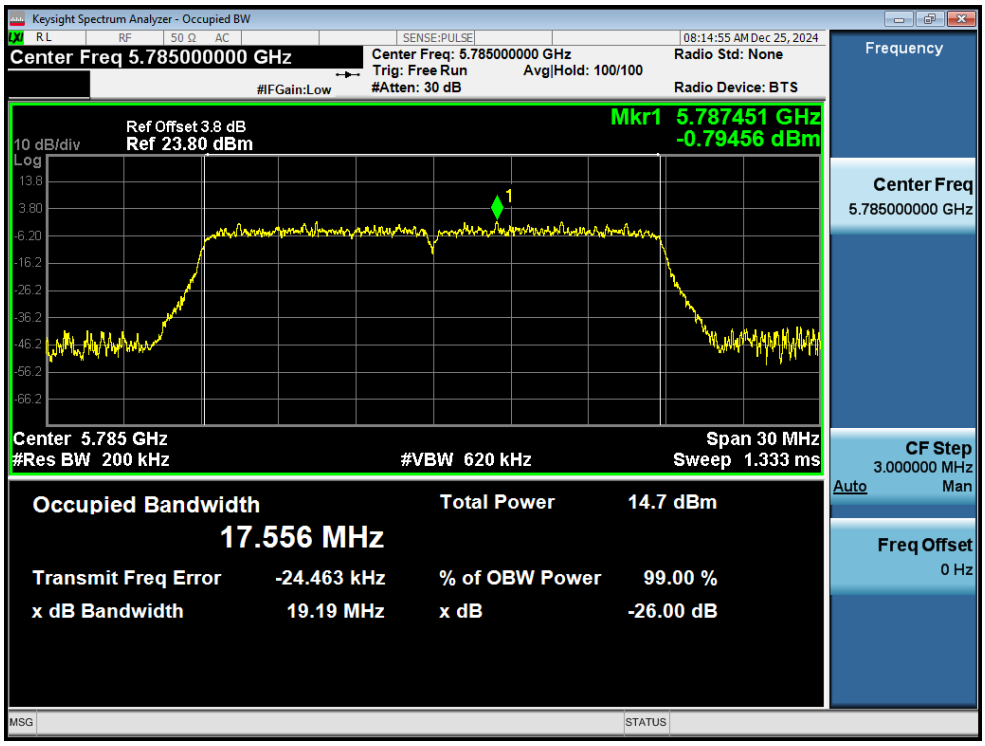


OBW NVNT n40 5755MHz Ant2

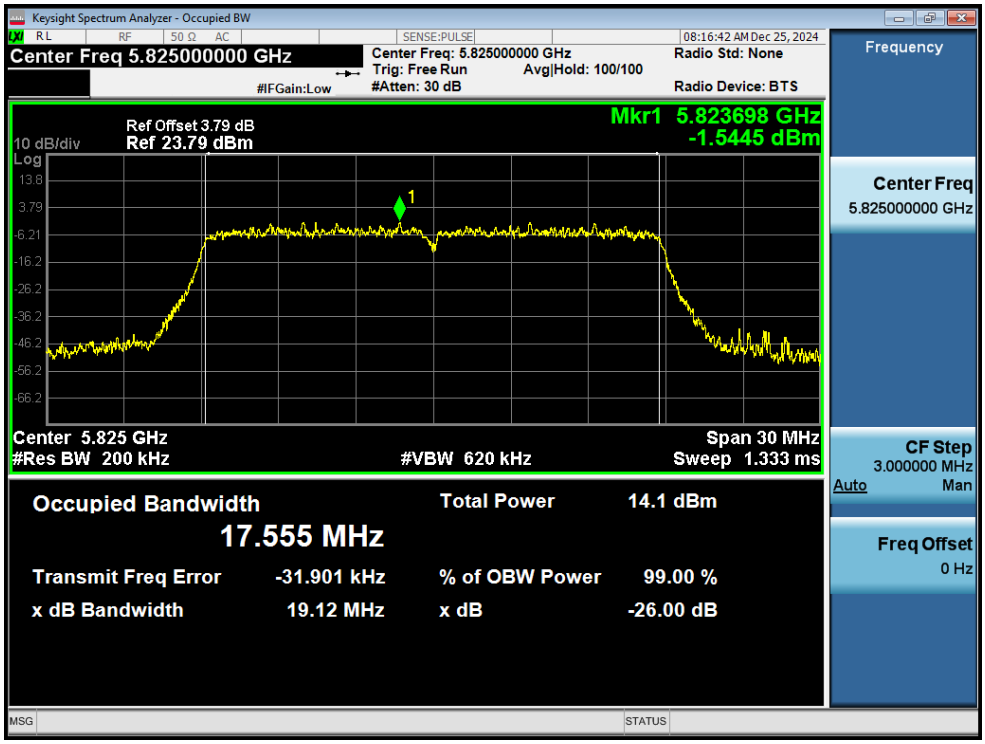
OBW NVNT n40 5795MHz Ant2



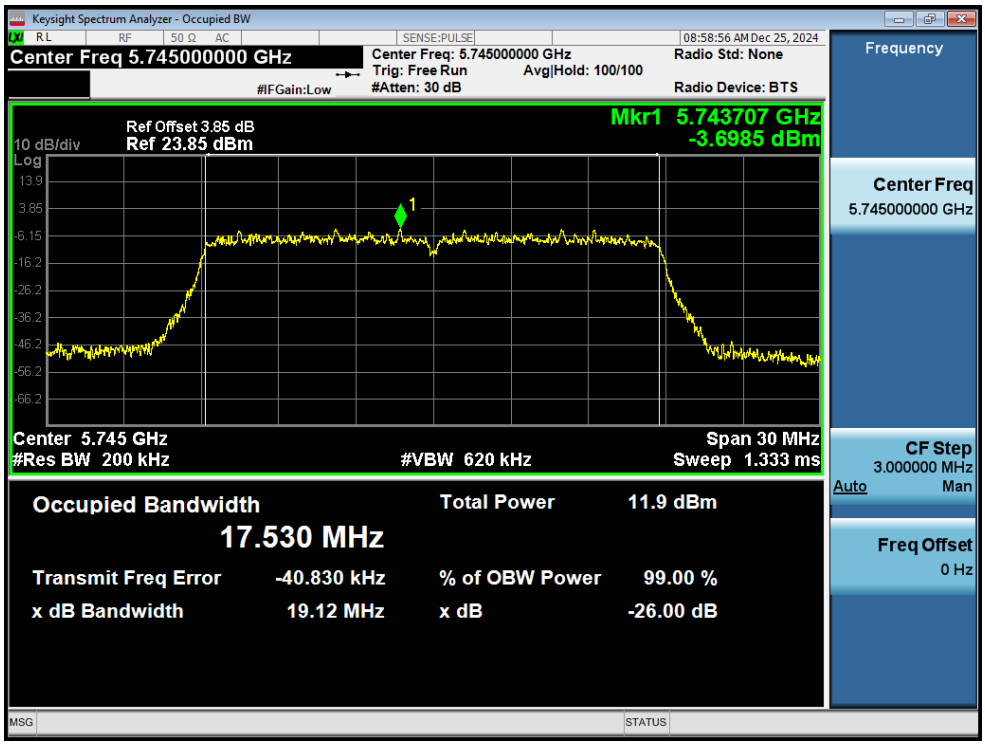
OBW NVNT ac20 5745MHz Ant1



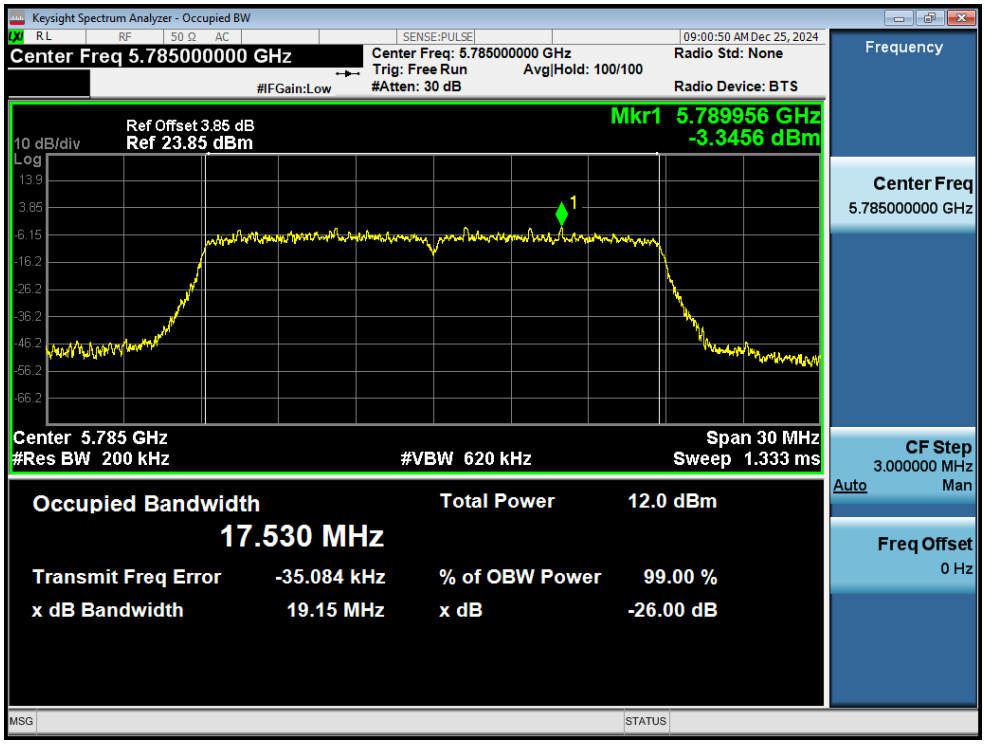
OBW NVNT ac20 5785MHz Ant1



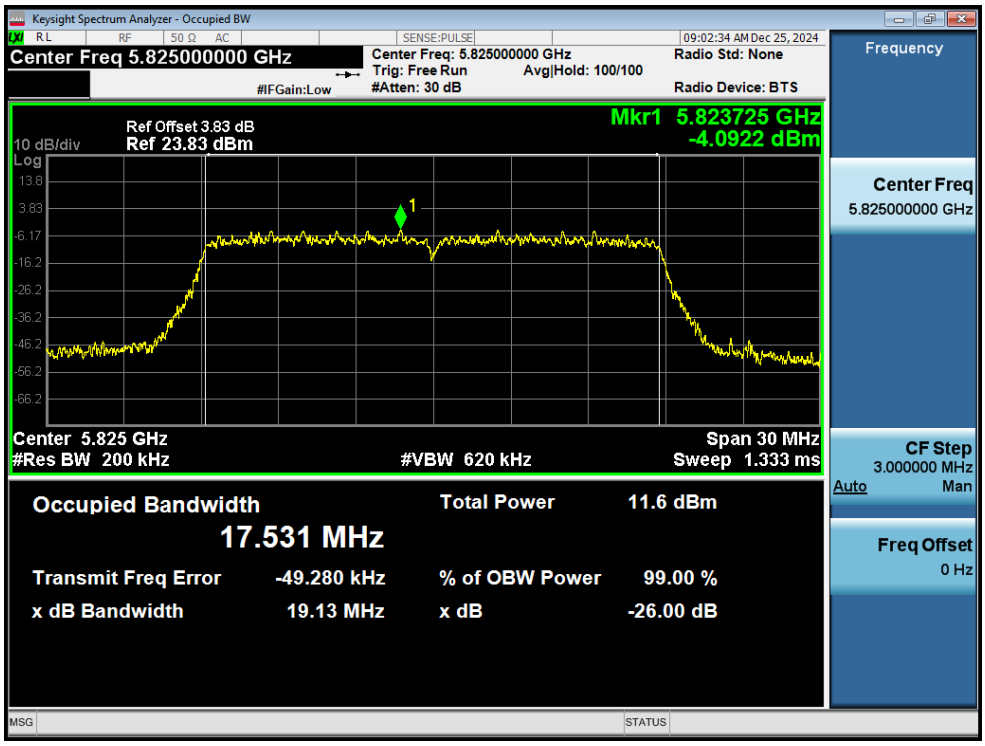
OBW NVNT ac20 5825MHz Ant1



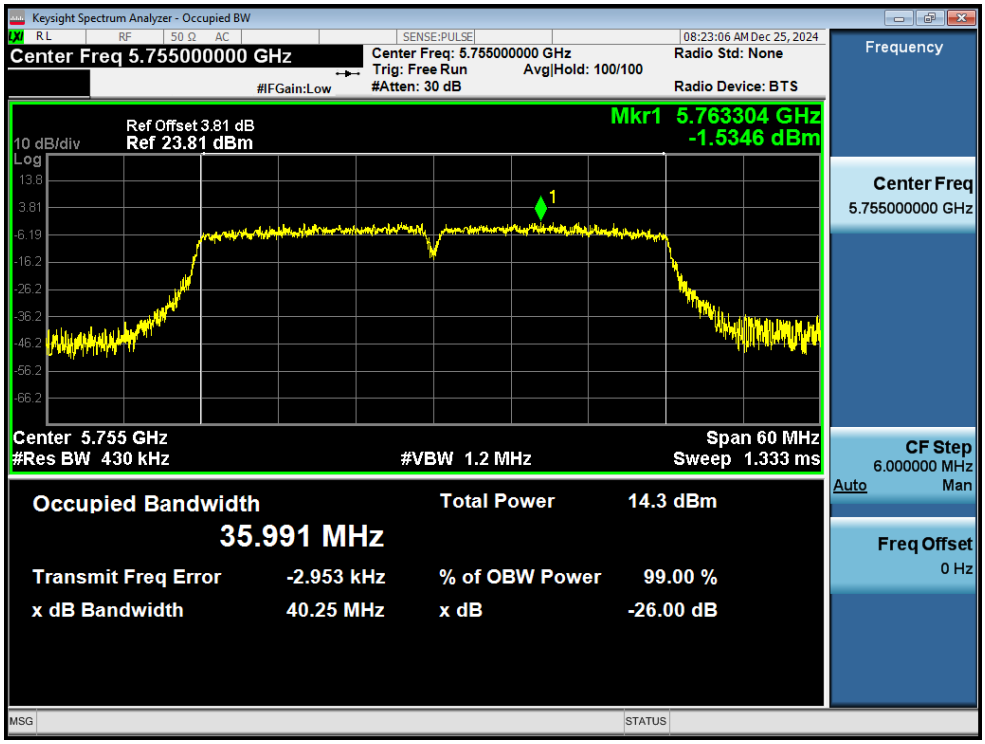
OBW NVNT ac20 5745MHz Ant2



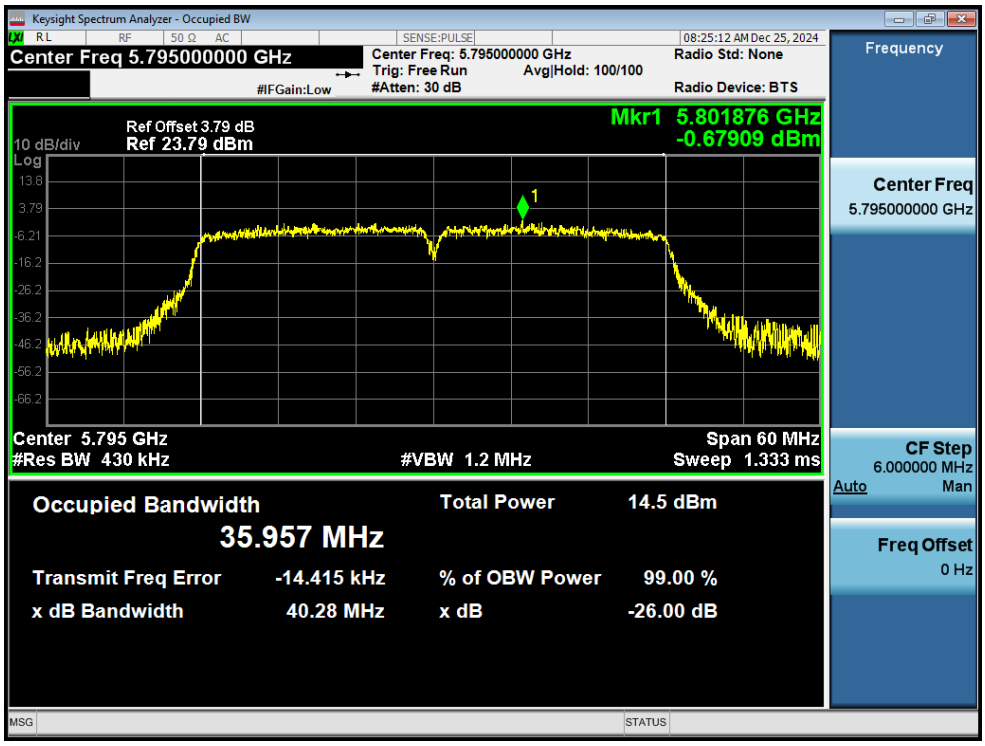
OBW NVNT ac20 5785MHz Ant2



OBW NVNT ac20 5825MHz Ant2



OBW NVNT ac40 5755MHz Ant1



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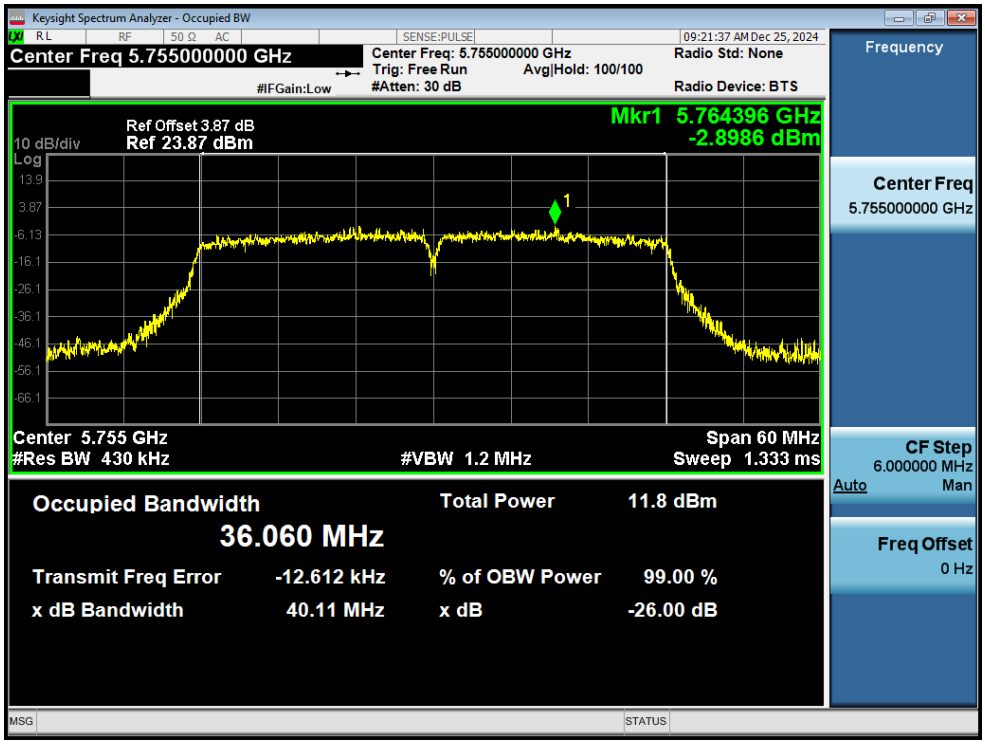
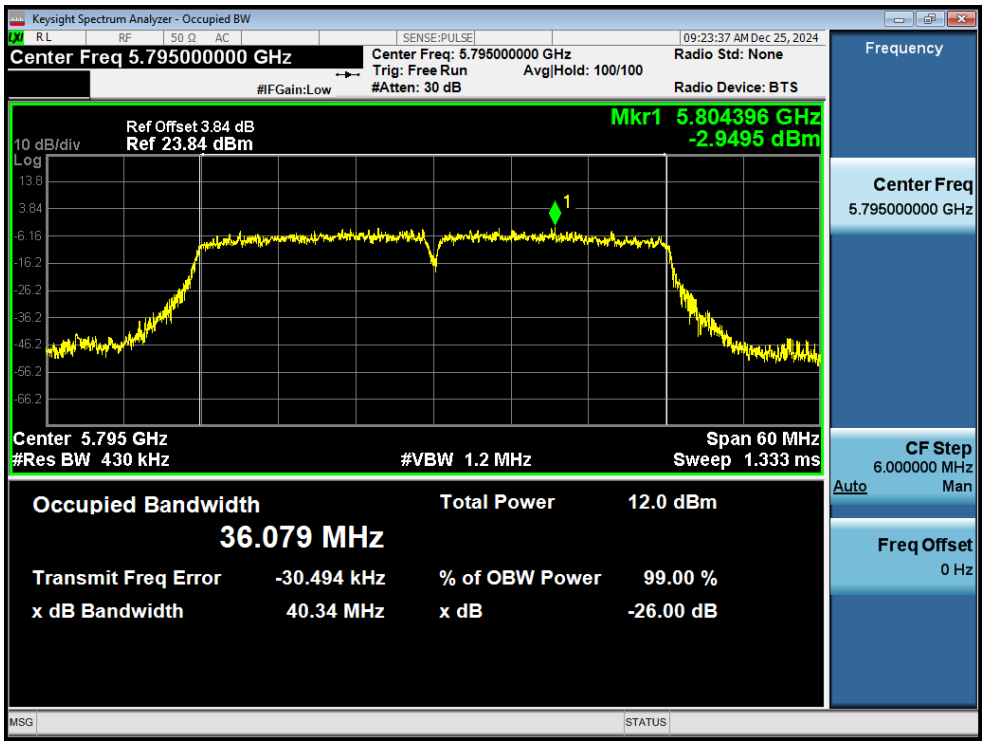


OBW NVNT ac40 5755MHz Ant2



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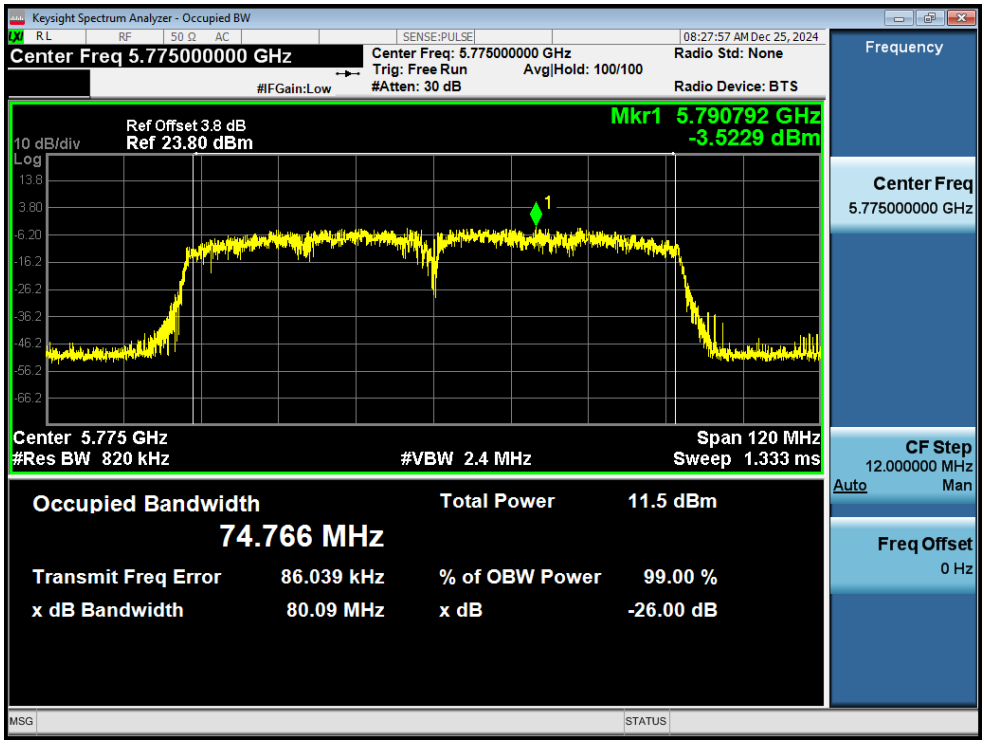
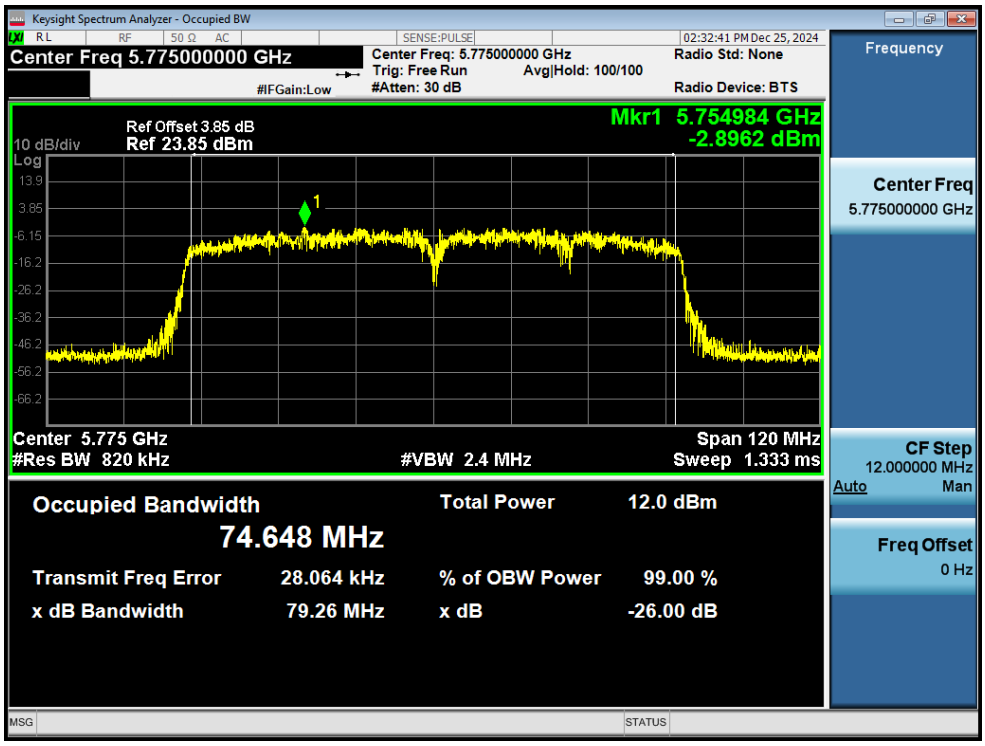


OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2

5. Maximum Power Spectral Density Level

SISO:

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-10.54	5.88	-4.66	30	Pass
NVNT	a	5785	Ant1	-10.51	5.88	-4.63	30	Pass
NVNT	a	5825	Ant1	-11.56	5.89	-5.67	30	Pass
NVNT	a	5745	Ant2	-10.29	5.91	-4.38	30	Pass
NVNT	a	5785	Ant2	-9.59	5.88	-3.71	30	Pass
NVNT	a	5825	Ant2	-9.93	5.88	-4.05	30	Pass
NVNT	n20	5745	Ant1	-10.82	6.12	-4.7	30	Pass
NVNT	n20	5785	Ant1	-10.88	6.14	-4.74	30	Pass
NVNT	n20	5825	Ant1	-11.14	6.14	-5	30	Pass
NVNT	n20	5745	Ant2	-10.42	6.37	-4.05	30	Pass
NVNT	n20	5785	Ant2	-10.46	6.39	-4.07	30	Pass
NVNT	n20	5825	Ant2	-13.66	6.14	-7.52	30	Pass
NVNT	n40	5755	Ant1	-11.23	4.17	-7.06	30	Pass
NVNT	n40	5795	Ant1	-10.53	4.16	-6.37	30	Pass
NVNT	n40	5755	Ant2	-18.12	9.03	-9.09	30	Pass
NVNT	n40	5795	Ant2	-13.51	26.99	13.48	30	Pass
NVNT	ac20	5745	Ant1	-6.77	2.45	-4.32	30	Pass
NVNT	ac20	5785	Ant1	-6.48	2.64	-3.84	30	Pass
NVNT	ac20	5825	Ant1	-6.95	2.64	-4.31	30	Pass
NVNT	ac20	5745	Ant2	-9.15	2.64	-6.51	30	Pass
NVNT	ac20	5785	Ant2	-8.95	2.64	-6.31	30	Pass
NVNT	ac20	5825	Ant2	-8.89	2.64	-6.25	30	Pass
NVNT	ac40	5755	Ant1	-11.55	5.81	-5.74	30	Pass
NVNT	ac40	5795	Ant1	-11.47	5.79	-5.68	30	Pass
NVNT	ac40	5755	Ant2	-14.07	9.03	-5.04	30	Pass
NVNT	ac40	5795	Ant2	-13.76	0	-13.76	30	Pass
NVNT	ac80	5775	Ant1	-18.2	9.52	-8.68	30	Pass
NVNT	ac80	5775	Ant2	-18.54	9.39	-9.15	30	Pass

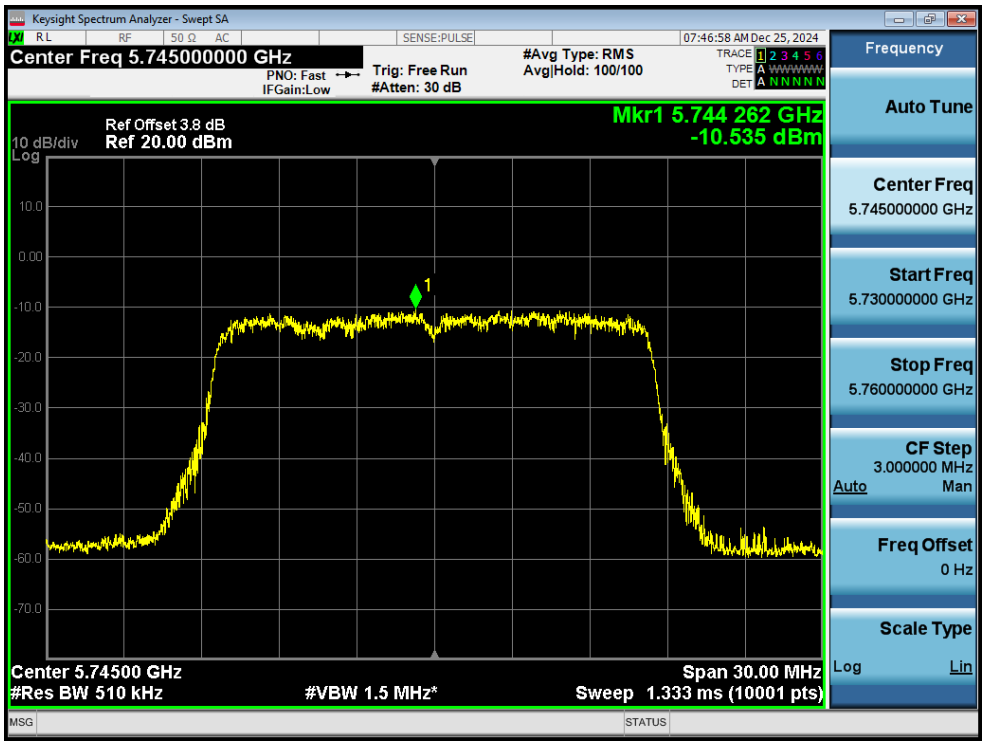
MIMO mode:

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	n20	5745	Ant1	-14.75	6.12	-8.63	30	Pass
NVNT	n20	5745	Ant2	-13.57	6.12	-7.45	30	Pass
NVNT	n20	5745	Sum	-11.11	6.12	-4.99	30	Pass
NVNT	n20	5785	Ant1	-14.14	6.11	-8.03	30	Pass
NVNT	n20	5785	Ant2	-13.28	6.11	-7.17	30	Pass
NVNT	n20	5785	Sum	-10.68	6.11	-4.57	30	Pass
NVNT	n20	5825	Ant1	-14.17	6.14	-8.03	30	Pass
NVNT	n20	5825	Ant2	-13.98	6.14	-7.84	30	Pass
NVNT	n20	5825	Sum	-11.06	6.14	-4.92	30	Pass
NVNT	n40	5755	Ant1	-18.81	7.9	-10.91	30	Pass
NVNT	n40	5755	Ant2	-17.11	7.9	-9.21	30	Pass
NVNT	n40	5755	Sum	-14.87	7.9	-6.97	30	Pass
NVNT	n40	5795	Ant1	-16.93	7.9	-9.03	30	Pass
NVNT	n40	5795	Ant2	-17.04	7.9	-9.14	30	Pass
NVNT	n40	5795	Sum	-13.97	7.9	-6.07	30	Pass
NVNT	ac20	5745	Ant1	-9.44	2.45	-6.99	30	Pass
NVNT	ac20	5745	Ant2	-8.71	2.45	-6.26	30	Pass
NVNT	ac20	5745	Sum	-6.05	2.45	-3.6	30	Pass
NVNT	ac20	5785	Ant1	-9.38	2.45	-6.93	30	Pass
NVNT	ac20	5785	Ant2	-8.76	2.45	-6.31	30	Pass
NVNT	ac20	5785	Sum	-6.05	2.45	-3.6	30	Pass
NVNT	ac20	5825	Ant1	-9.78	2.45	-7.33	30	Pass
NVNT	ac20	5825	Ant2	-9.15	2.45	-6.7	30	Pass
NVNT	ac20	5825	Sum	-6.44	2.45	-3.99	30	Pass
NVNT	ac40	5755	Ant1	-13.75	3.92	-9.83	30	Pass
NVNT	ac40	5755	Ant2	-11.96	3.92	-8.04	30	Pass
NVNT	ac40	5755	Sum	-9.75	3.92	-5.83	30	Pass
NVNT	ac40	5795	Ant1	-18.41	3.92	-14.49	30	Pass
NVNT	ac40	5795	Ant2	-17.43	3.92	-13.51	30	Pass
NVNT	ac40	5795	Sum	-14.88	3.92	-10.96	30	Pass
NVNT	ac80	5775	Ant1	-21.97	9.4	-12.57	30	Pass
NVNT	ac80	5775	Ant2	-20.51	9.4	-11.11	30	Pass
NVNT	ac80	5775	Sum	-18.17	9.4	-8.77	30	Pass

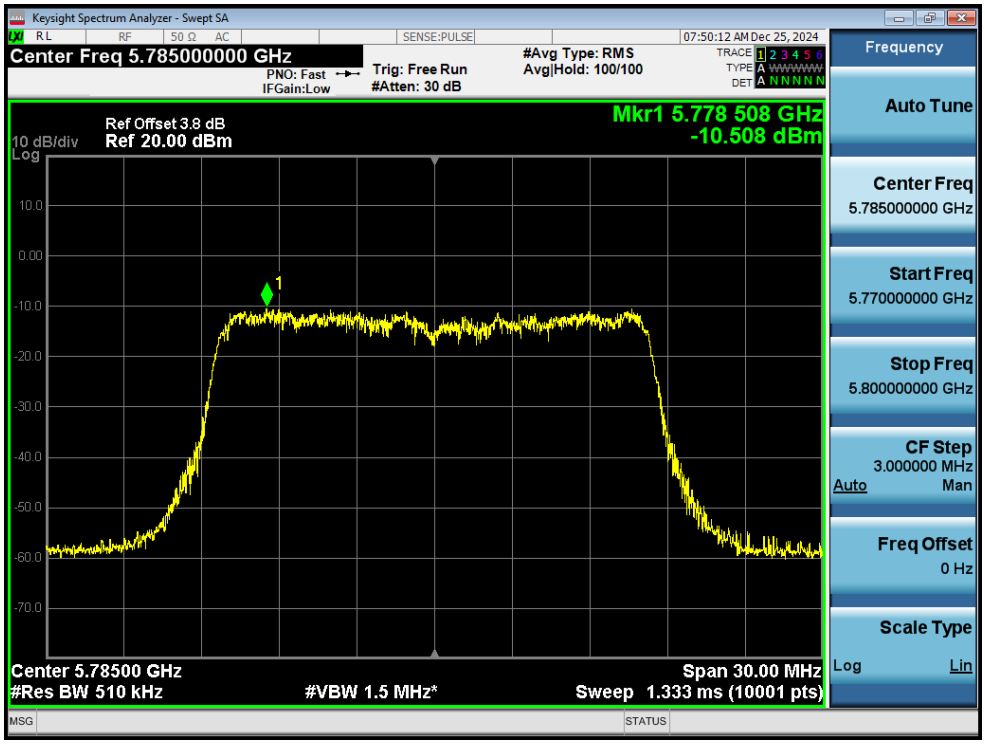
Note1: Sum PSD (mW) = Ant.1 PSD (mW) + Ant.2 PSD (mW)

Note2: Total PSD = Conducted PSD + Duty Factor

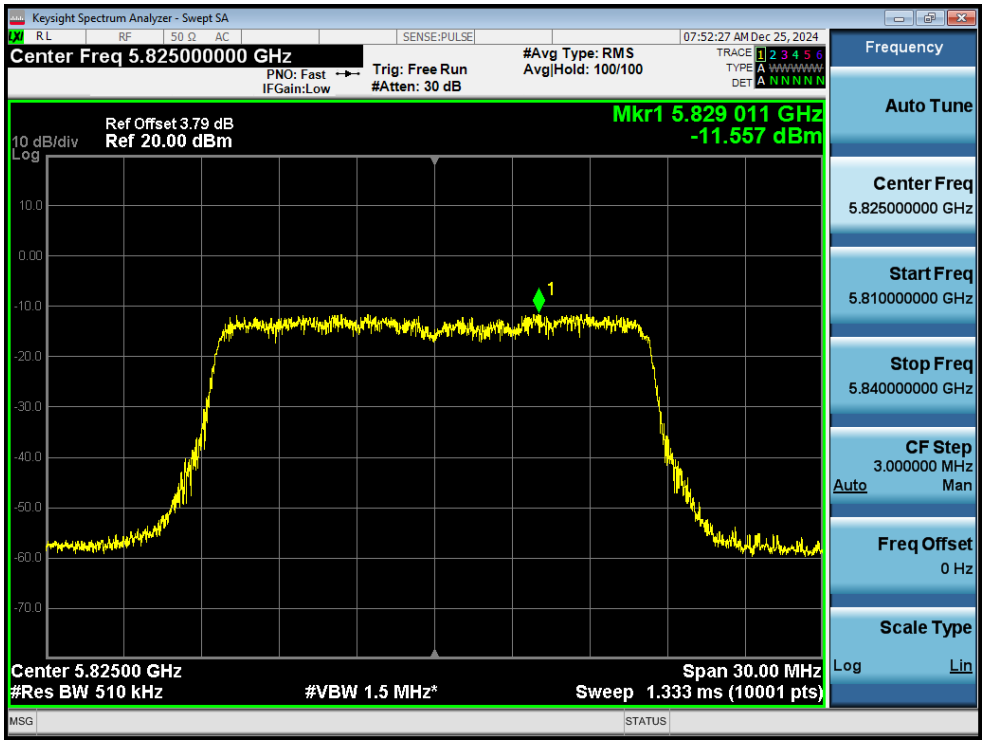
SISO:



PSD NVNT a 5745MHz Ant1

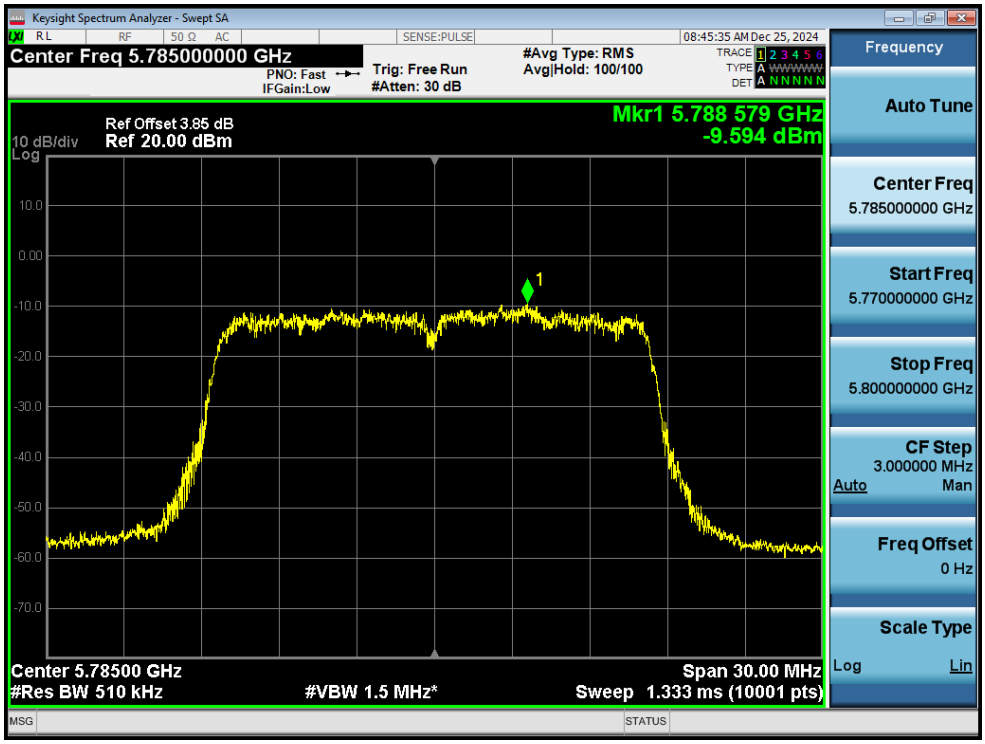


PSD NVNT a 5785MHz Ant1



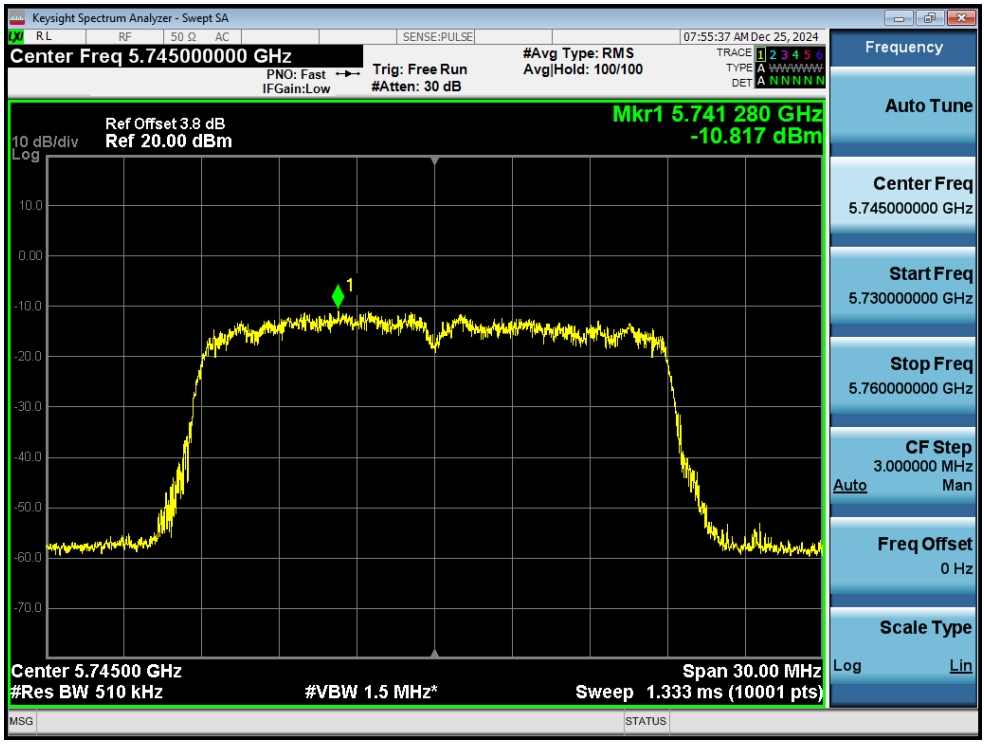
PSD NVNT a 5825MHz Ant1

PSD NVNT a 5745MHz Ant2

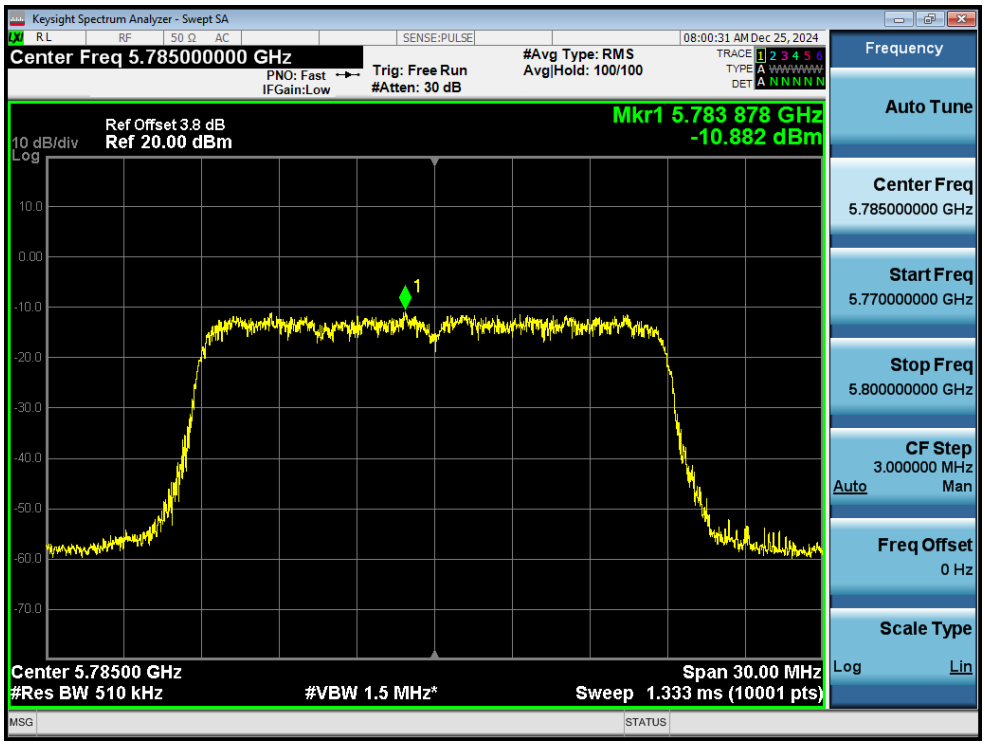


PSD NVNT a 5785MHz Ant2

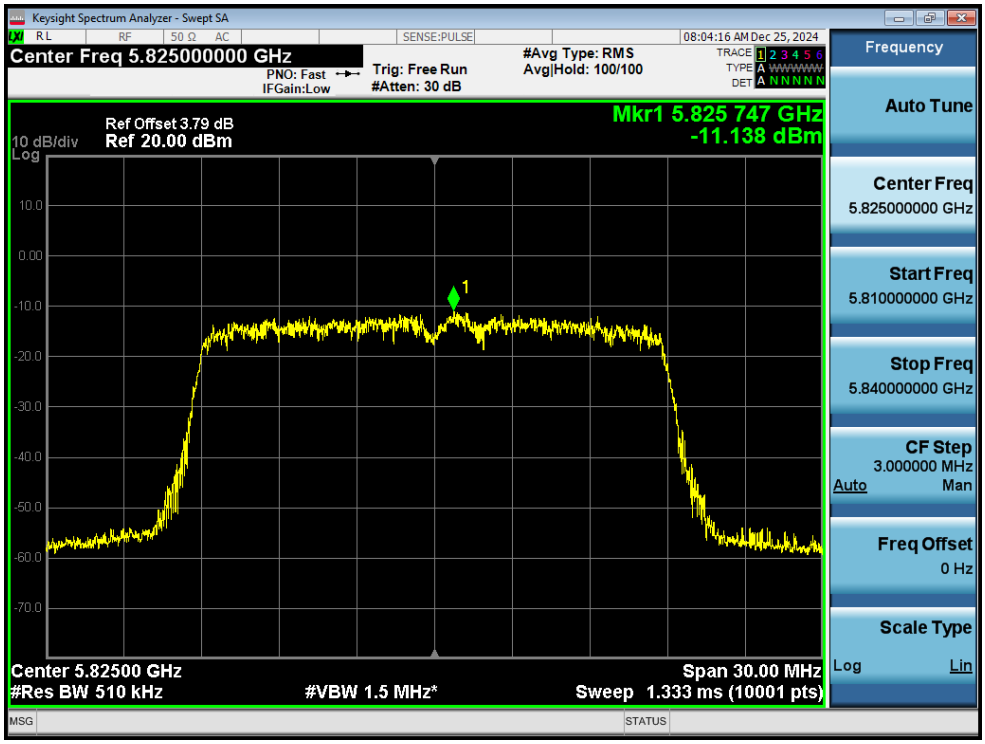
PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5745MHz Ant1

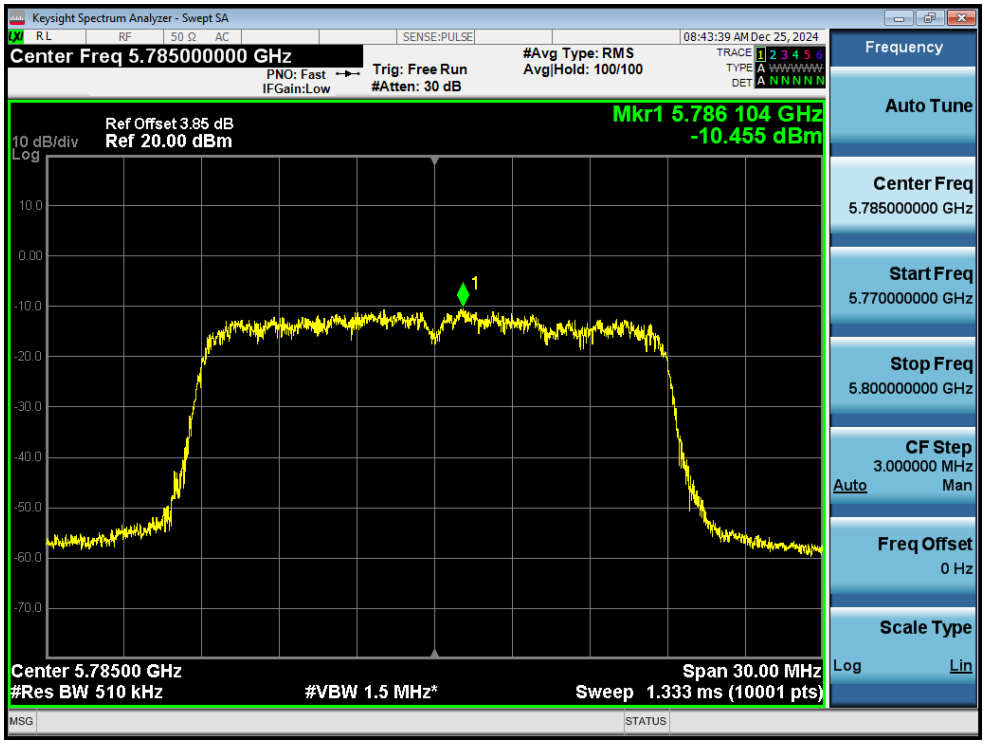


PSD NVNT n20 5785MHz Ant1

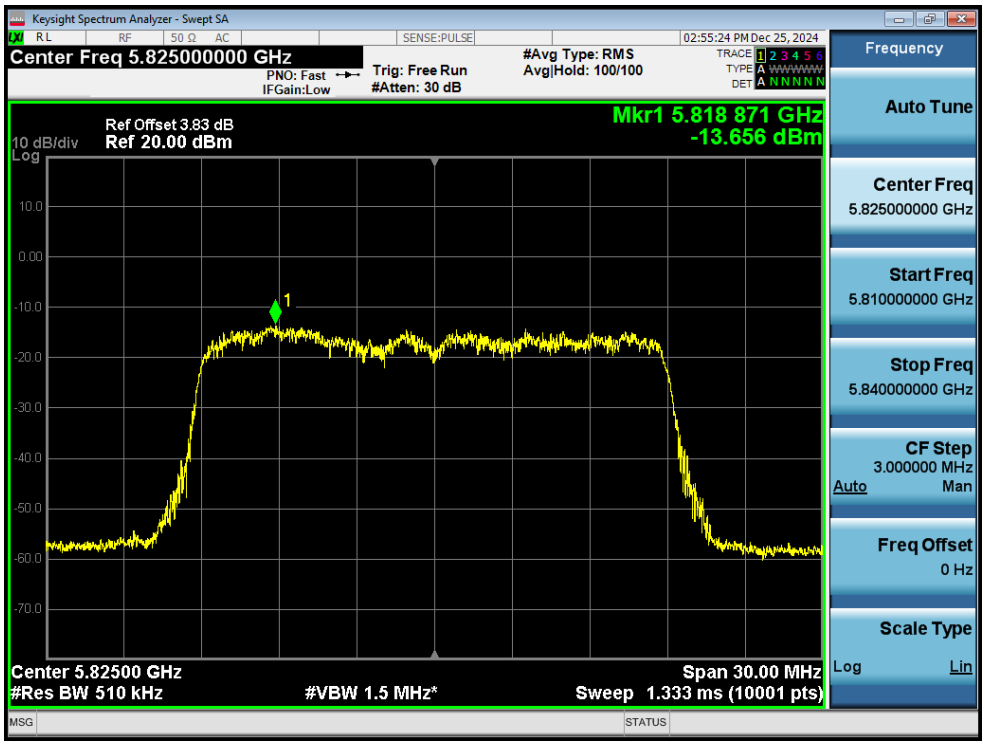


PSD NVNT n20 5825MHz Ant1

PSD NVNT n20 5745MHz Ant2

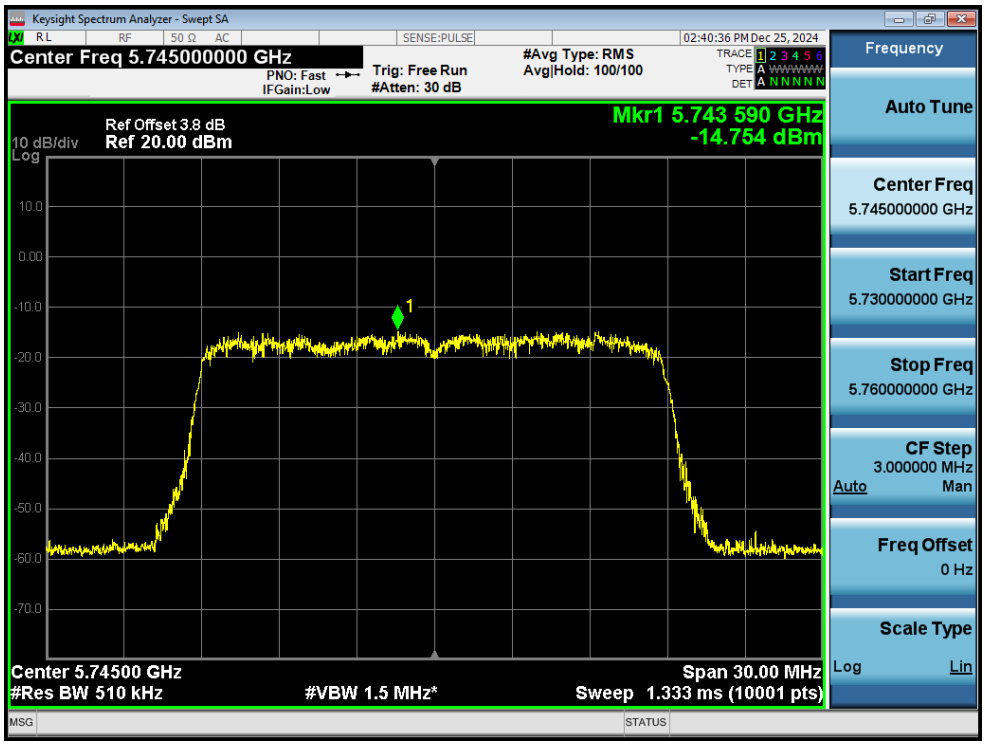


PSD NVNT n20 5785MHz Ant2

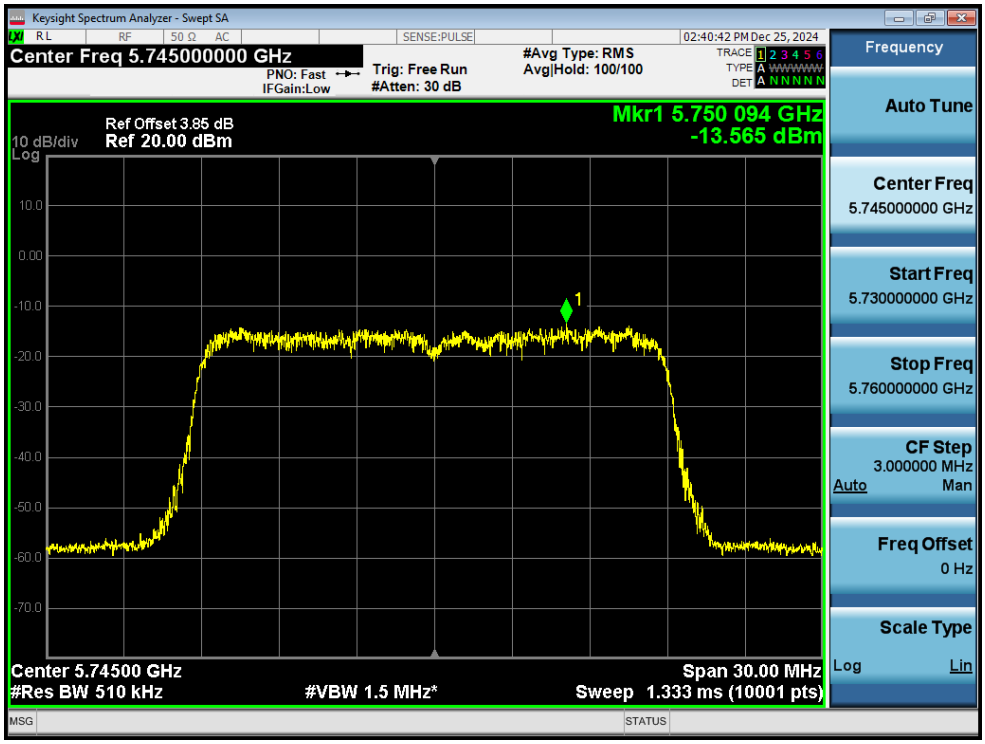


PSD NVNT n20 5825MHz Ant2

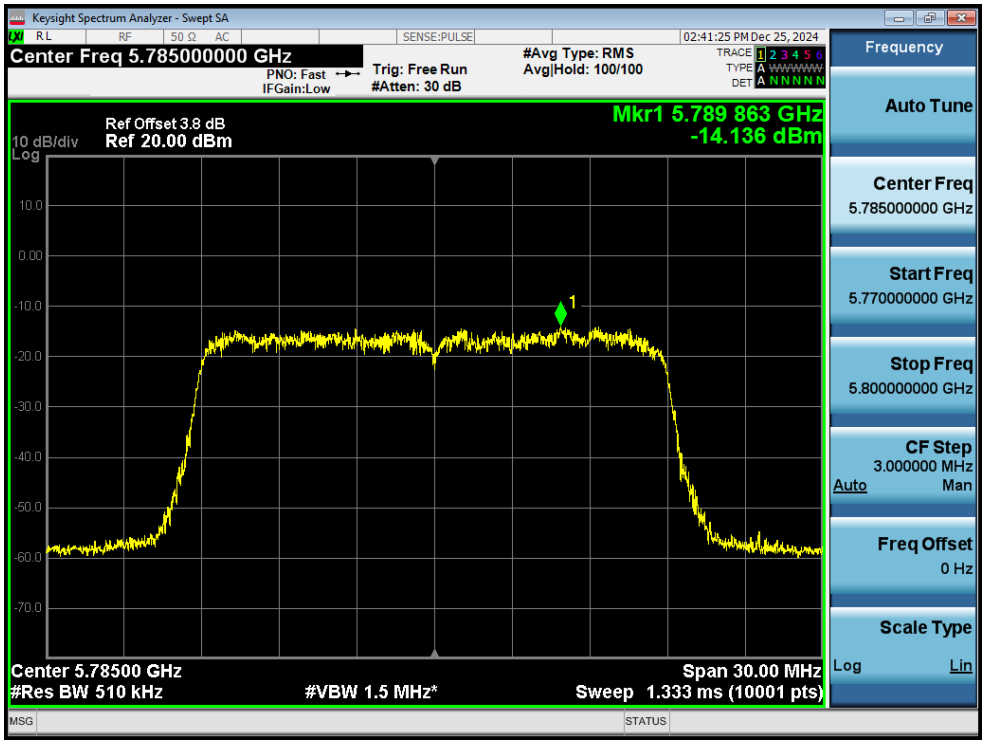
MIMO mode:



PSD NVNT n20 5745MHz Ant1

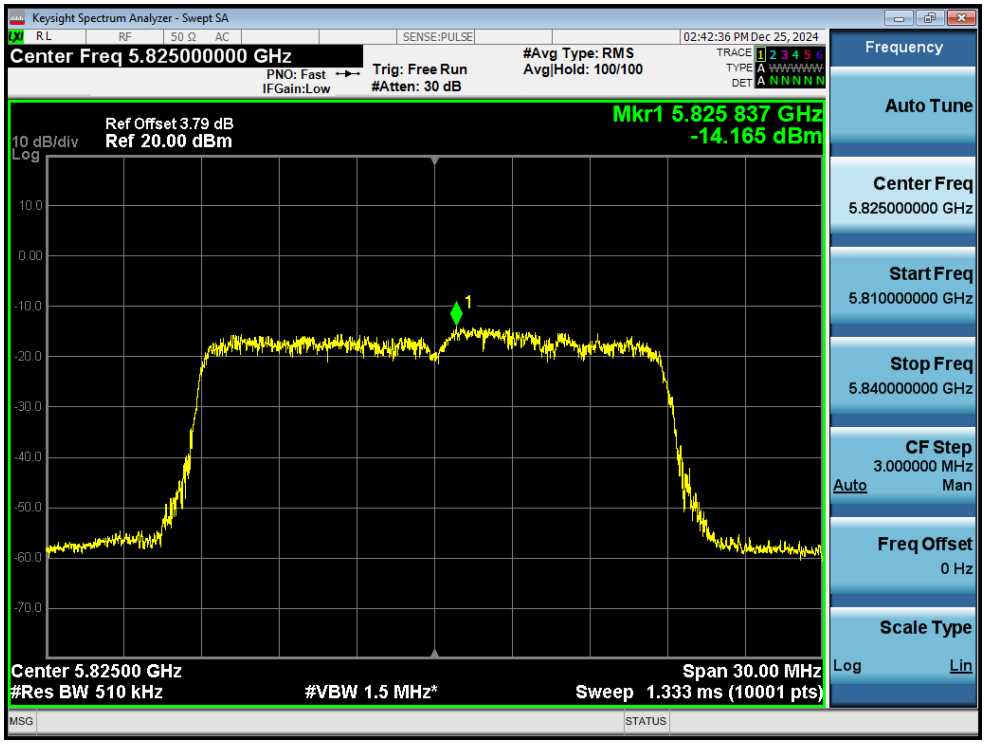


PSD NVNT n20 5745MHz Ant2

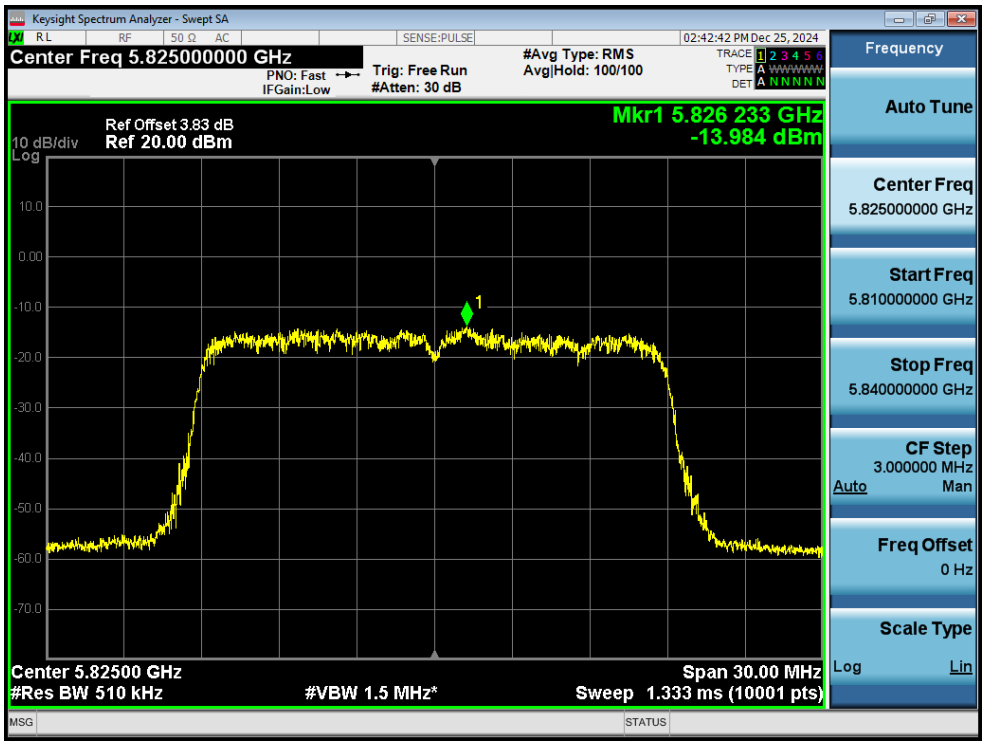


PSD NVNT n20 5785MHz Ant1

PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant1



PSD NVNT n20 5825MHz Ant2

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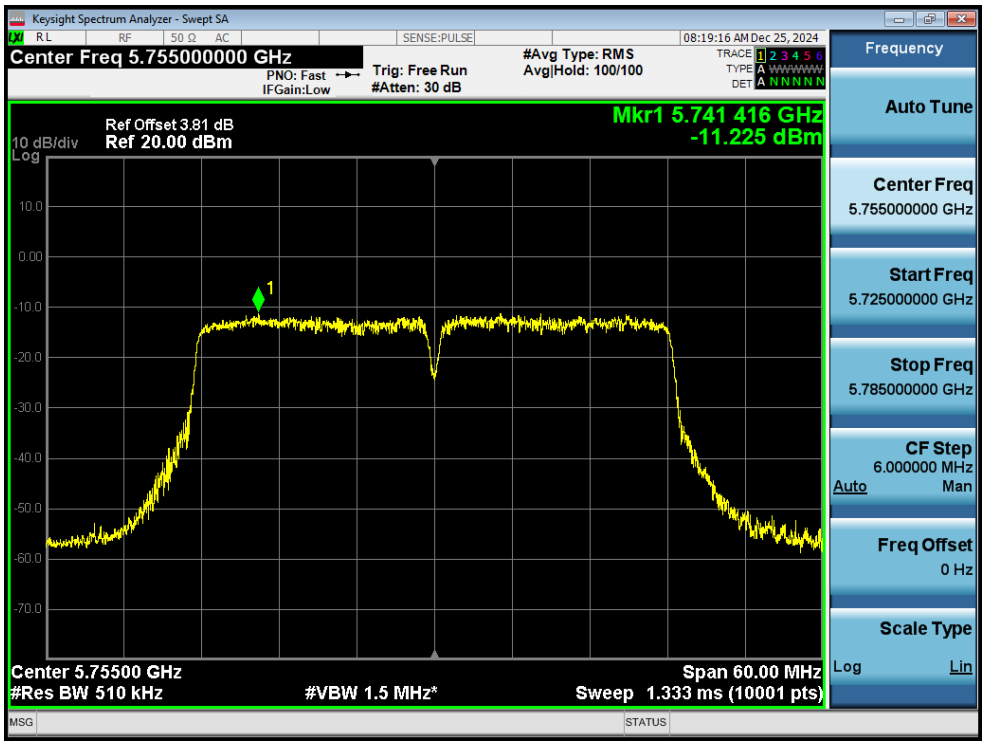
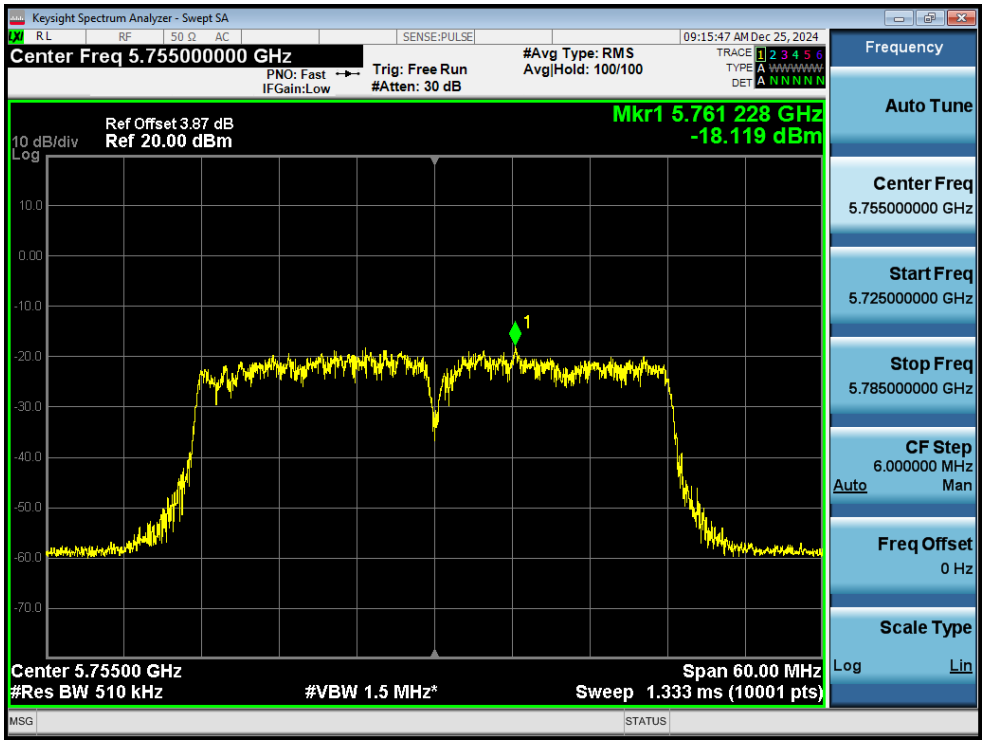
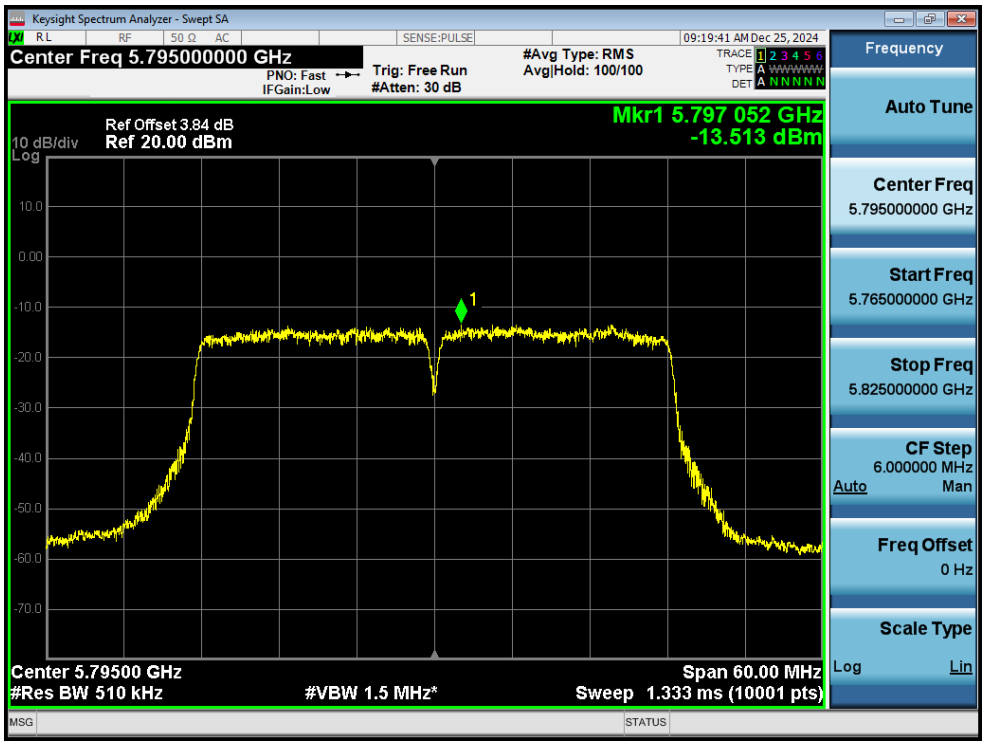


PSD NVNT n40 5755MHz Ant1

PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

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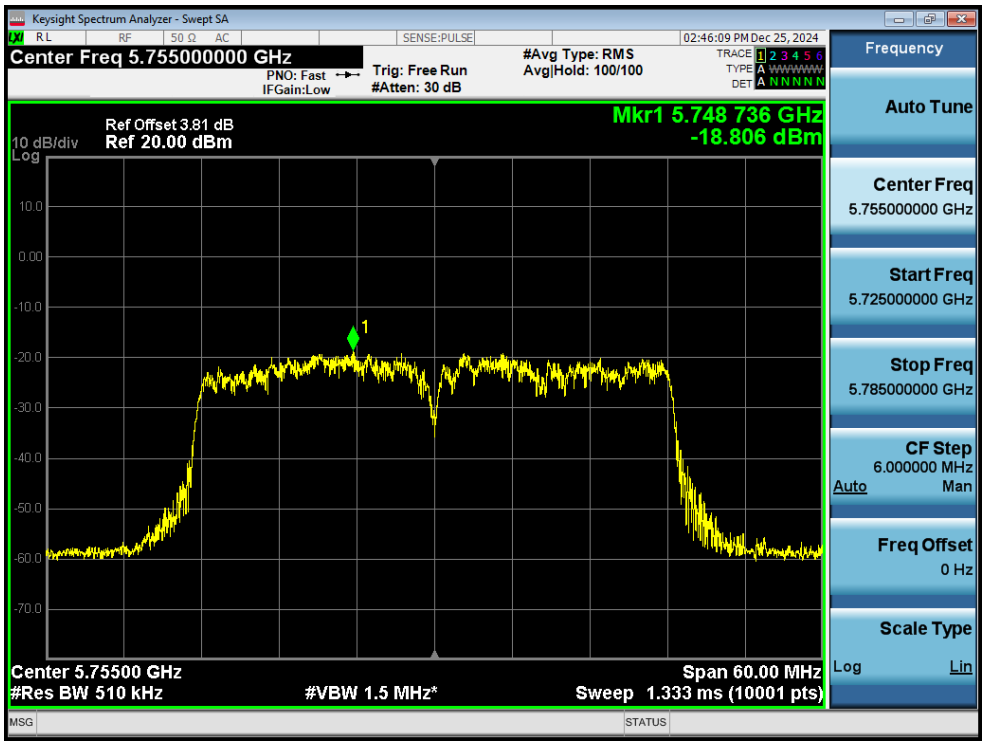
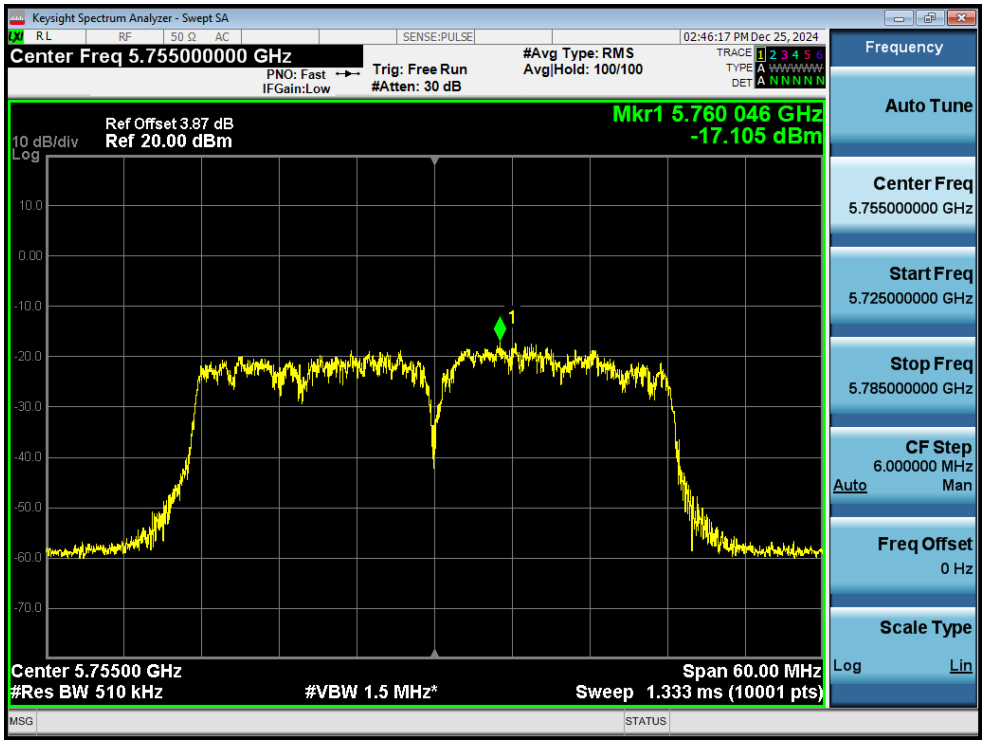
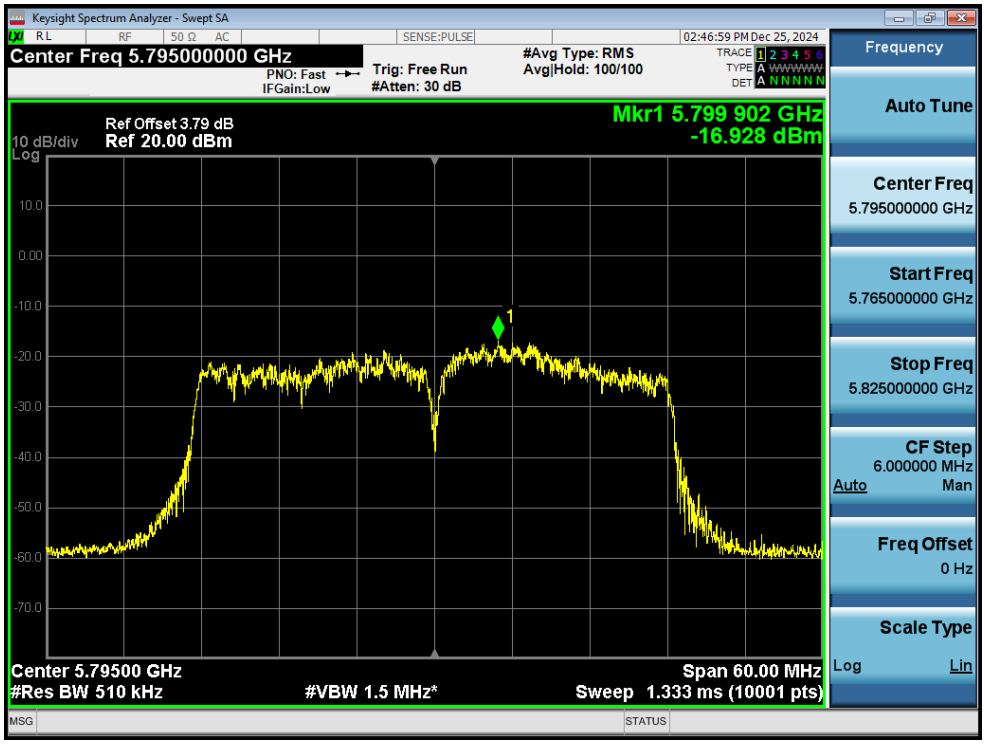


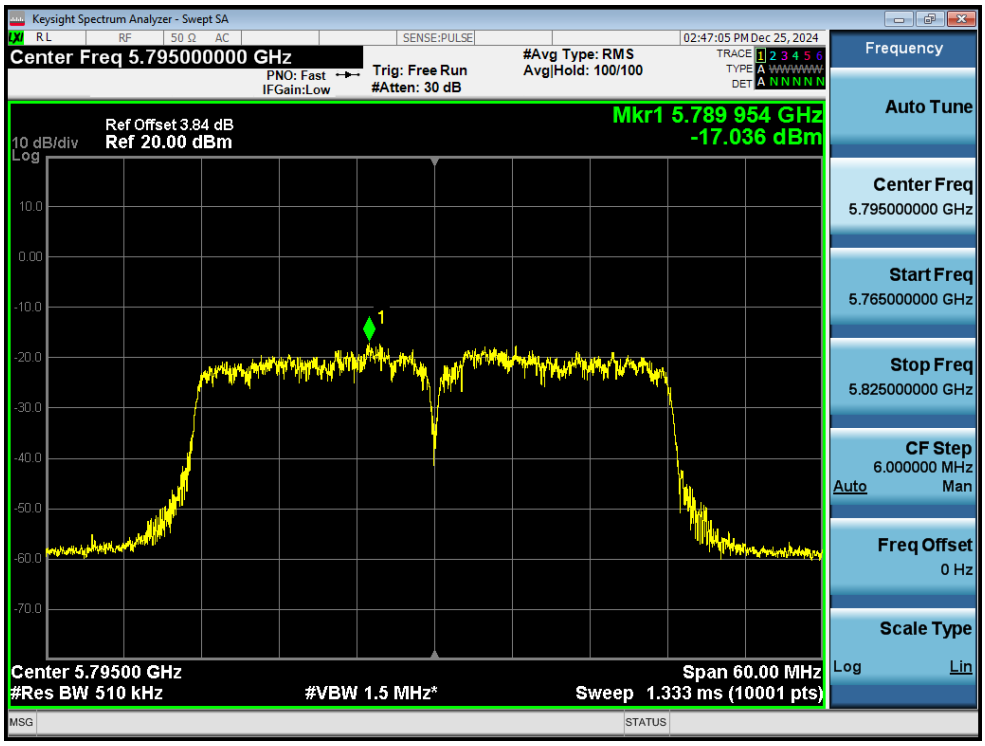
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

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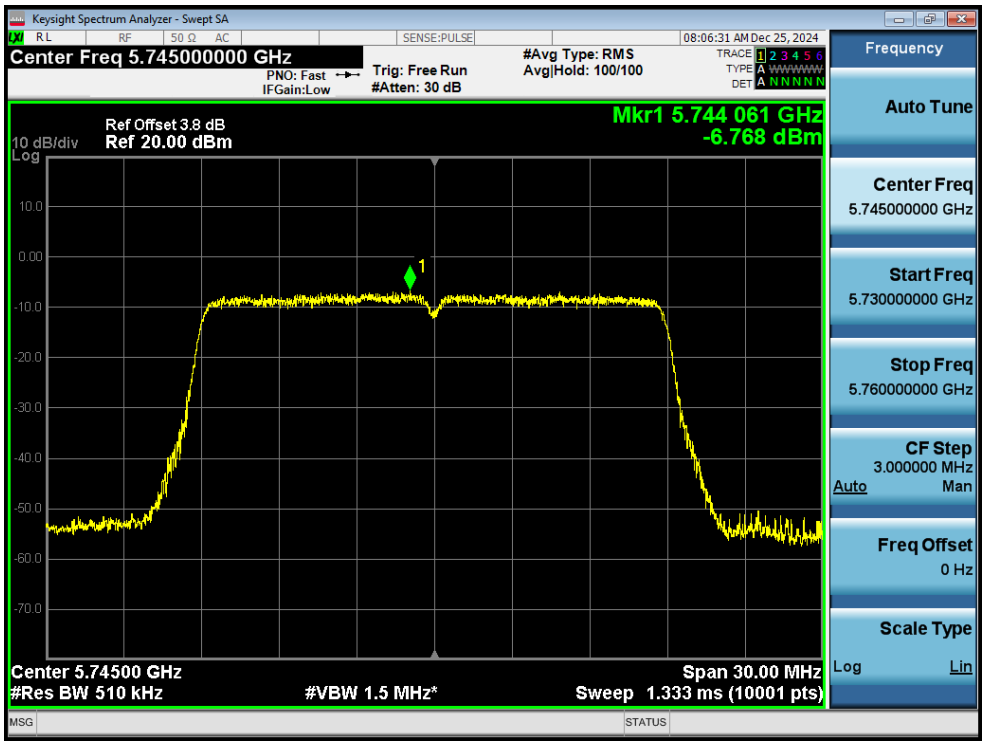
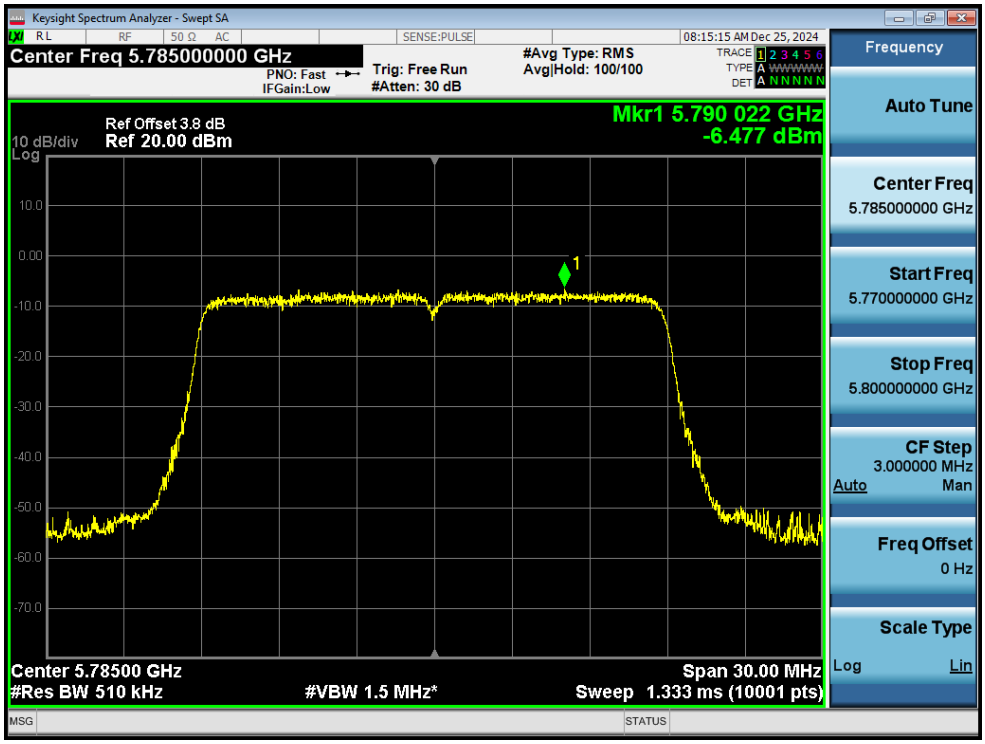
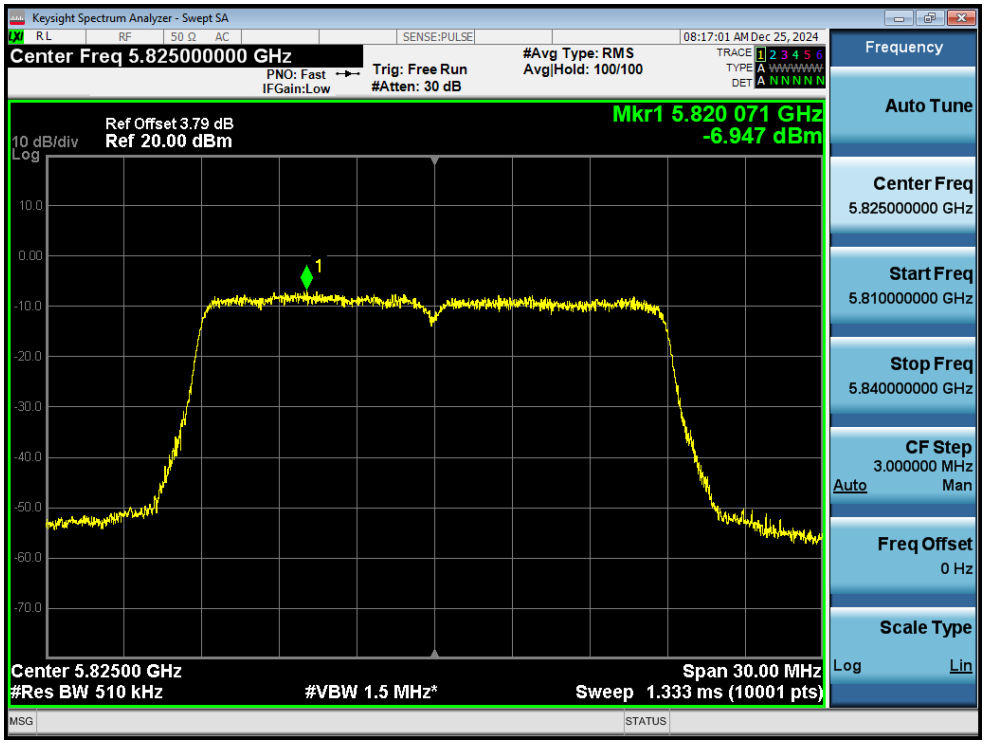


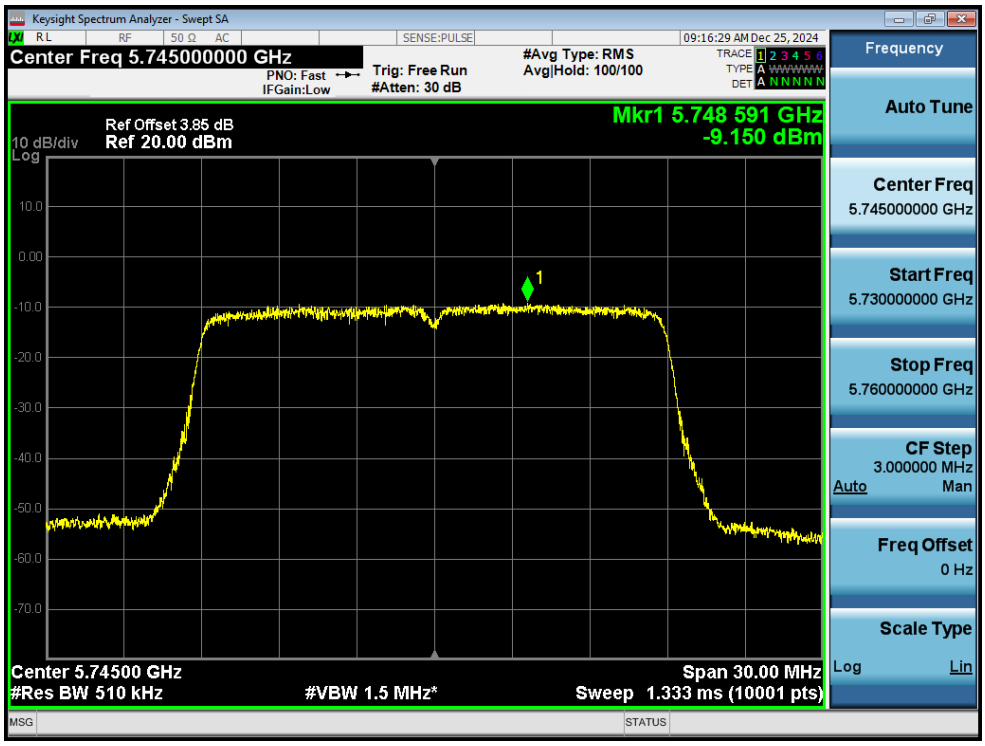
PSD NVNT ac20 5745MHz Ant1



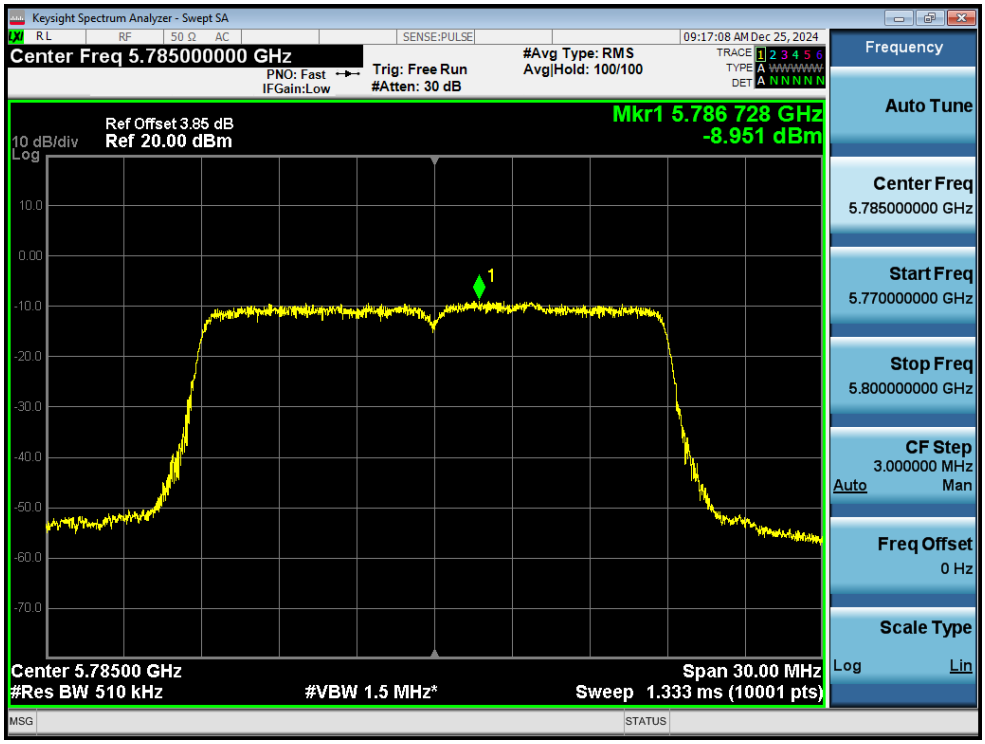
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac20 5745MHz Ant2

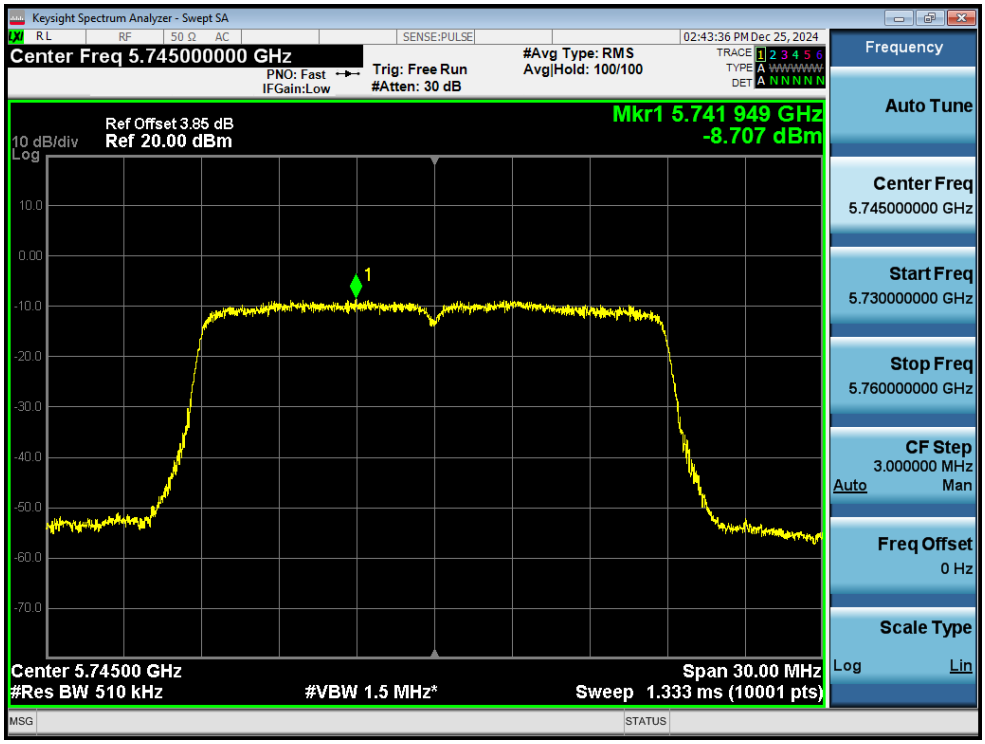


PSD NVNT ac20 5785MHz Ant2

PSD NVNT ac20 5825MHz Ant2

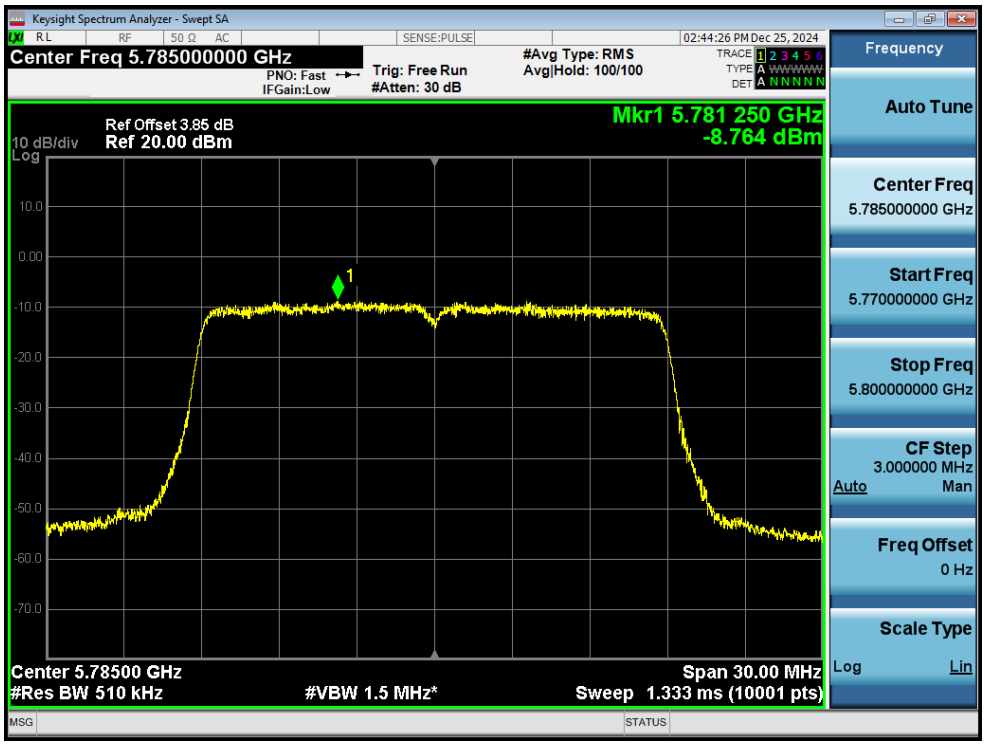
MIMO mode:

PSD NVNT ac20 5745MHz Ant1

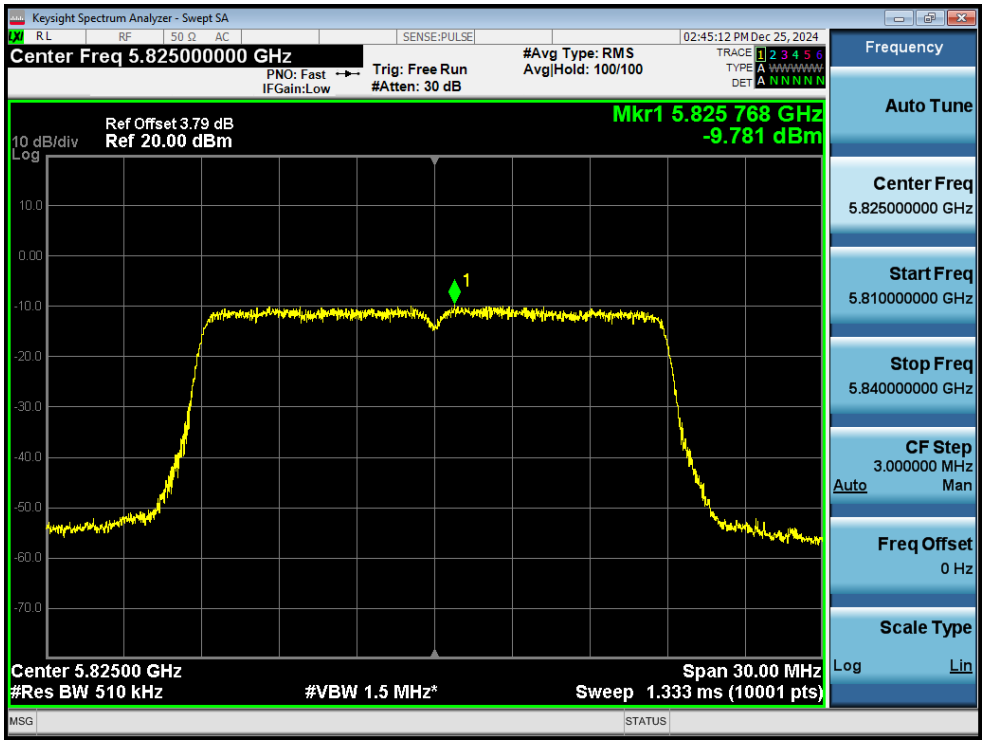


PSD NVNT ac20 5745MHz Ant2

PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5785MHz Ant2



PSD NVNT ac20 5825MHz Ant1

PSD NVNT ac20 5825MHz Ant2

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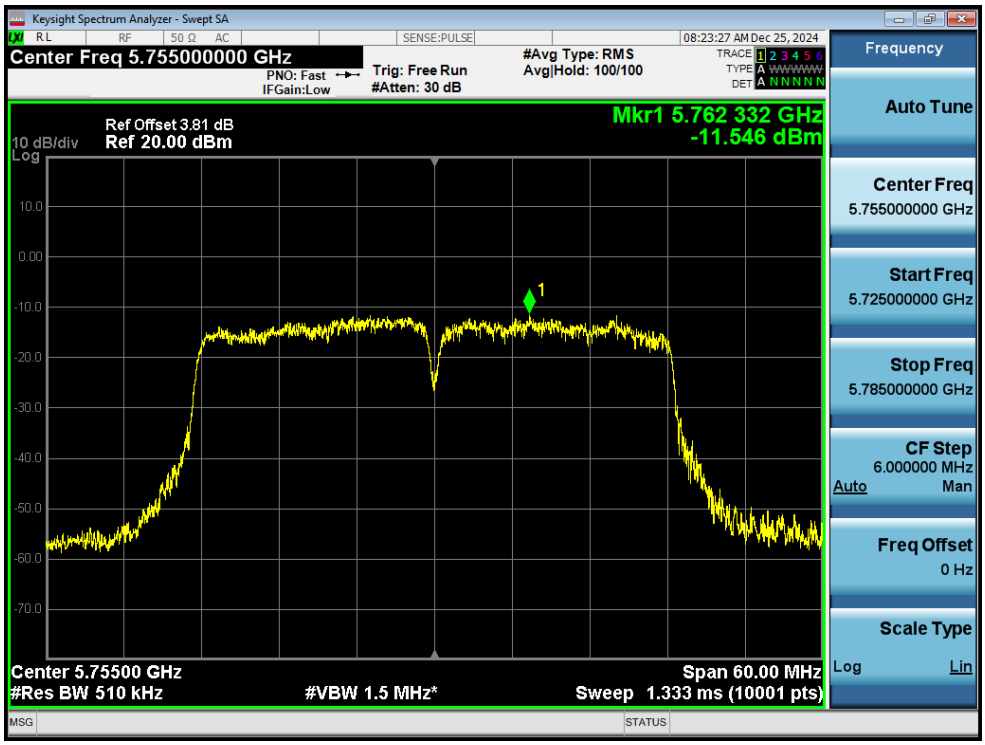
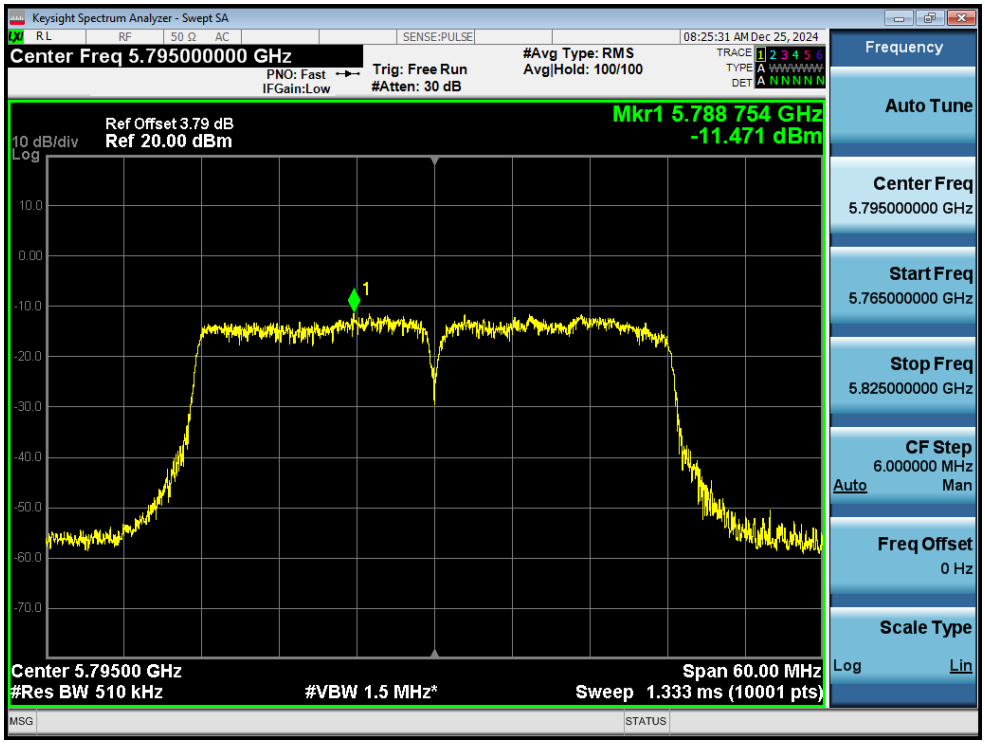
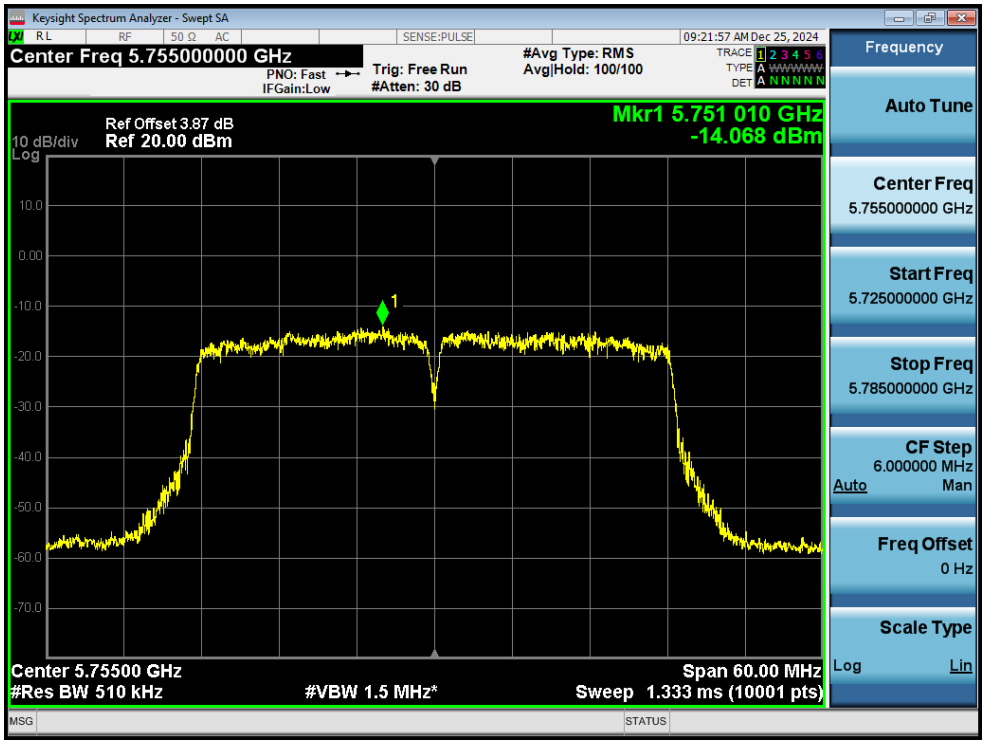


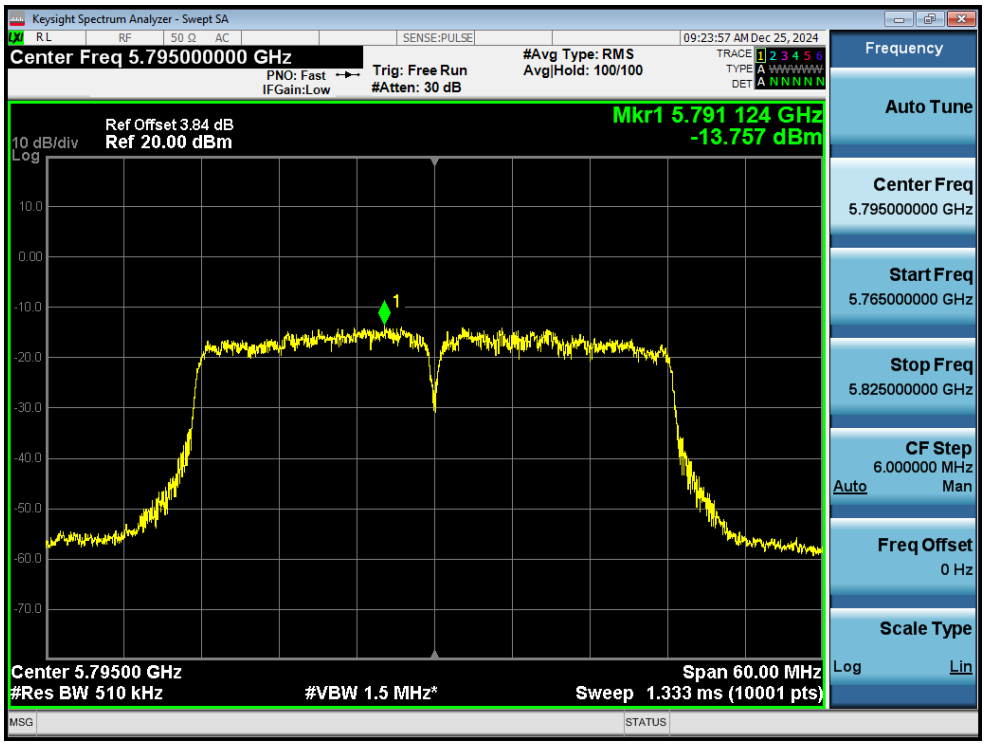
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1

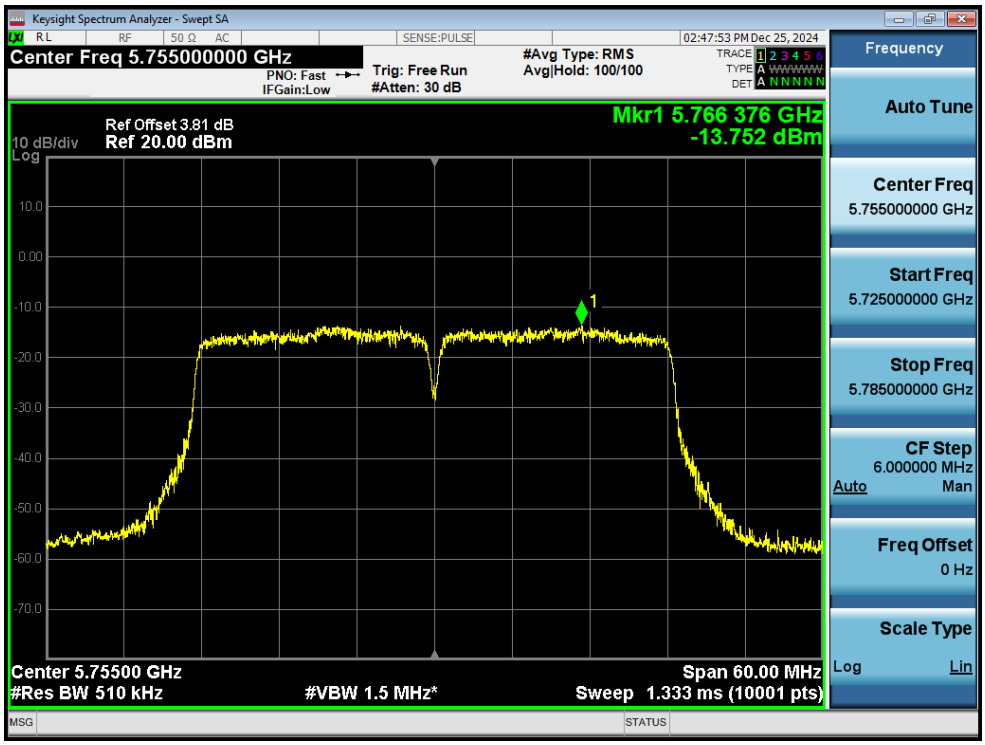


PSD NVNT ac40 5755MHz Ant2

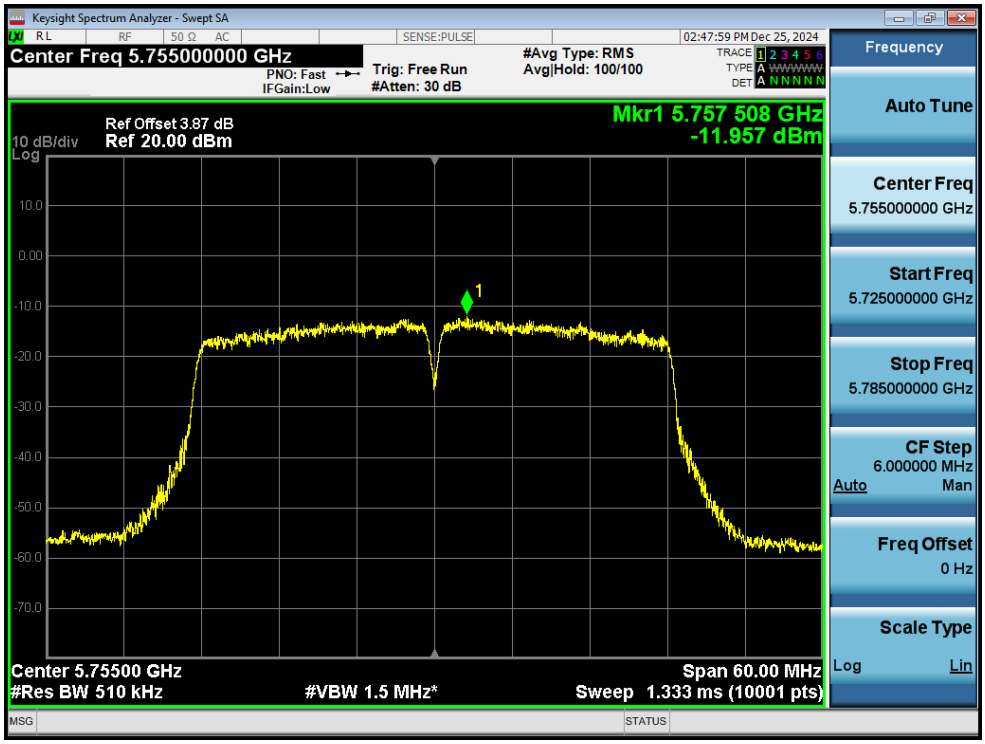


PSD NVNT ac40 5795MHz Ant2

MIMO mode:



PSD NVNT ac40 5755MHz Ant1



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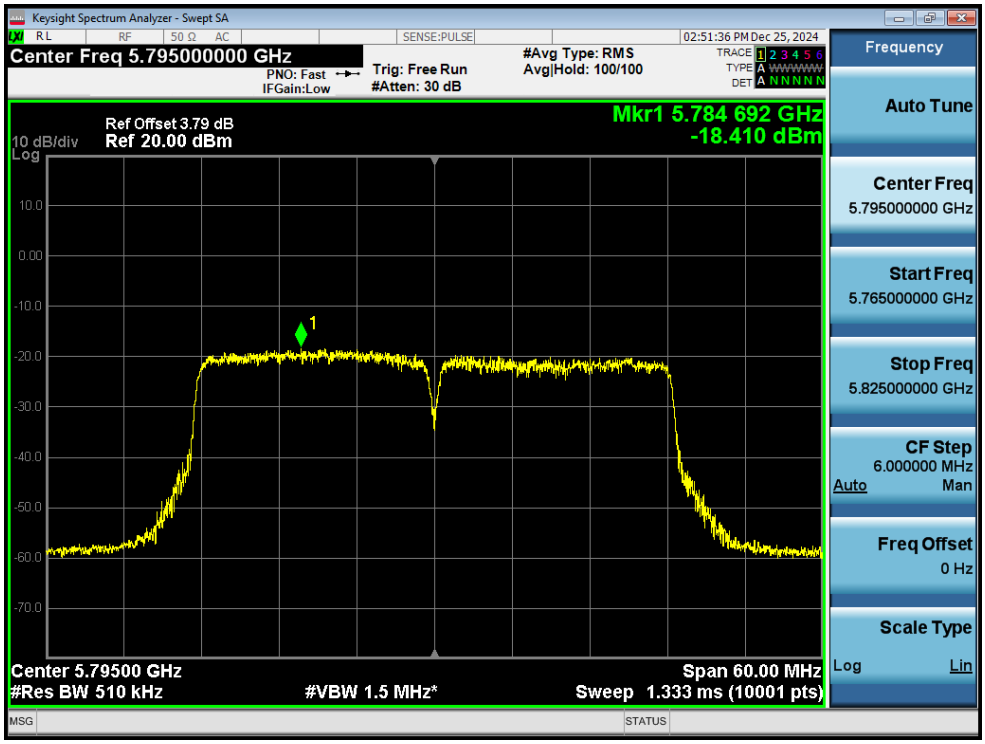
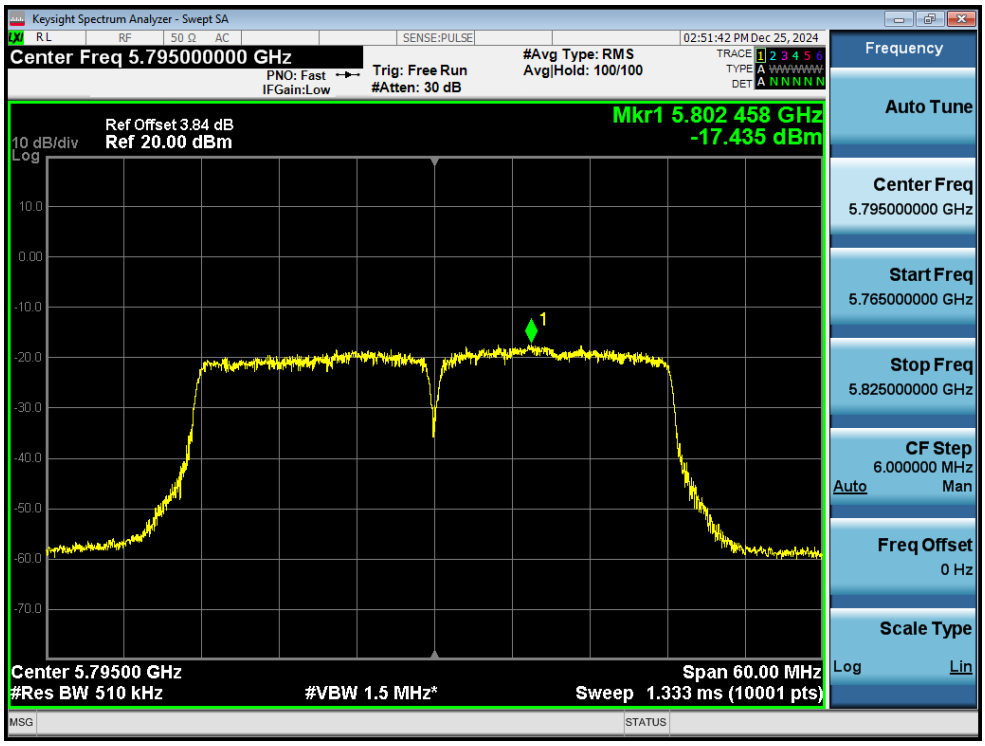


PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac40 5795MHz Ant2

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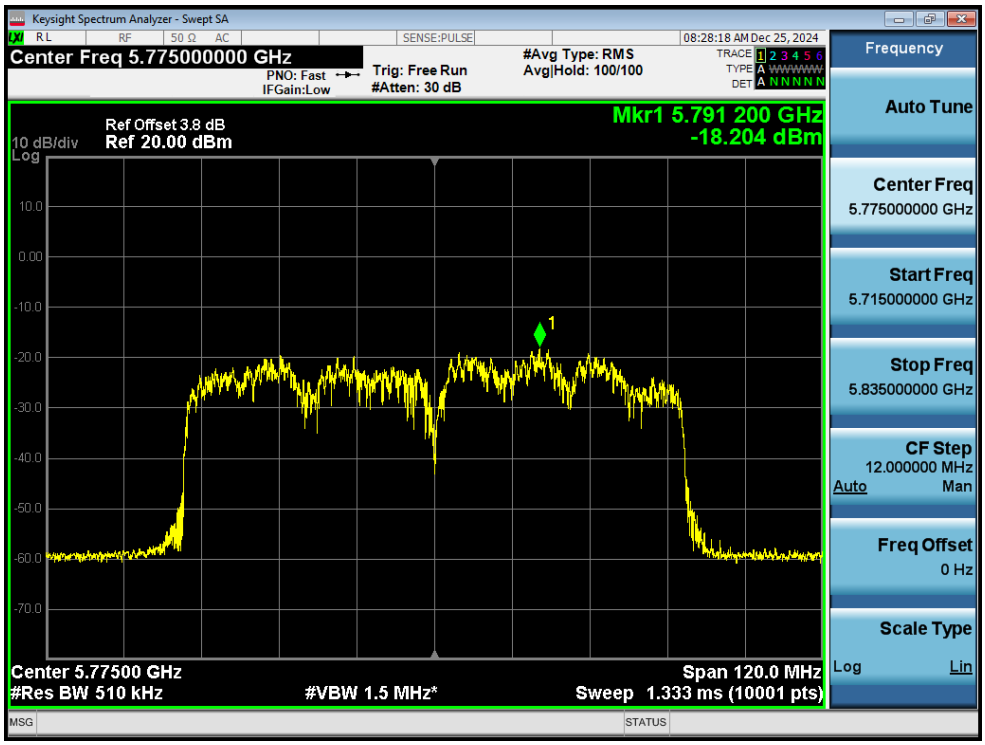
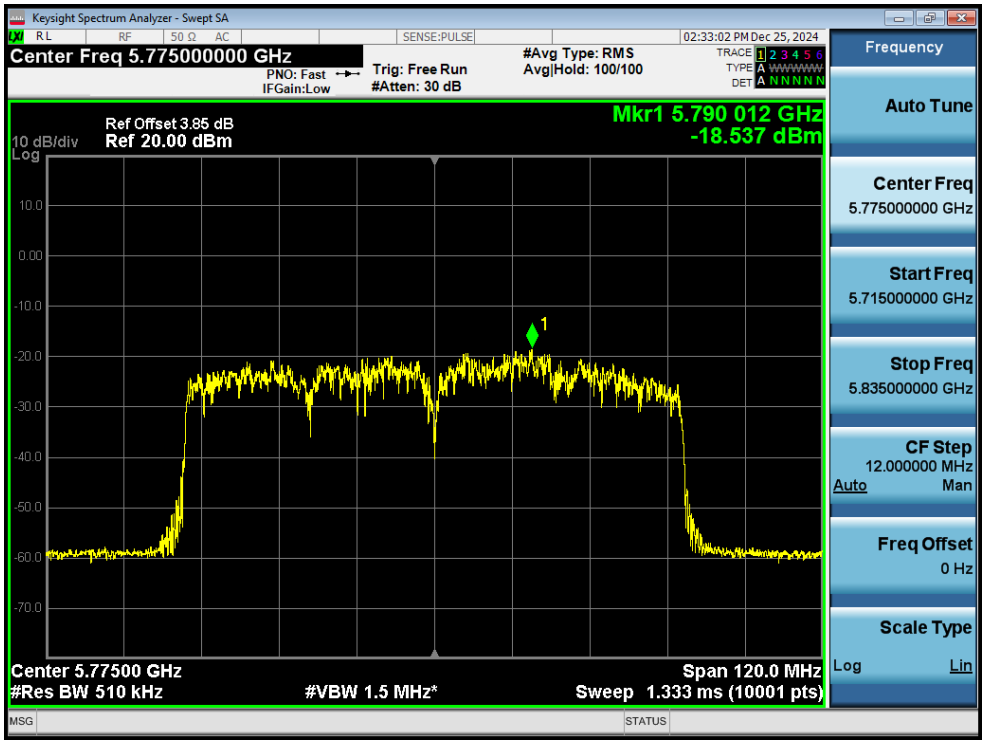
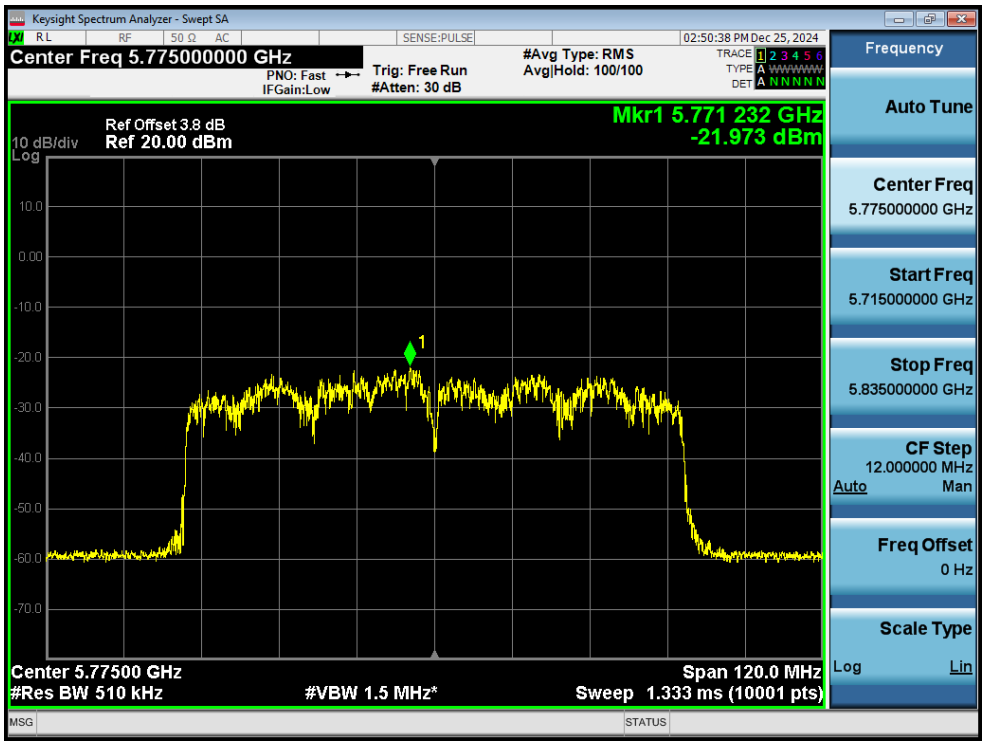


PSD NVNT ac80 5775MHz Ant1

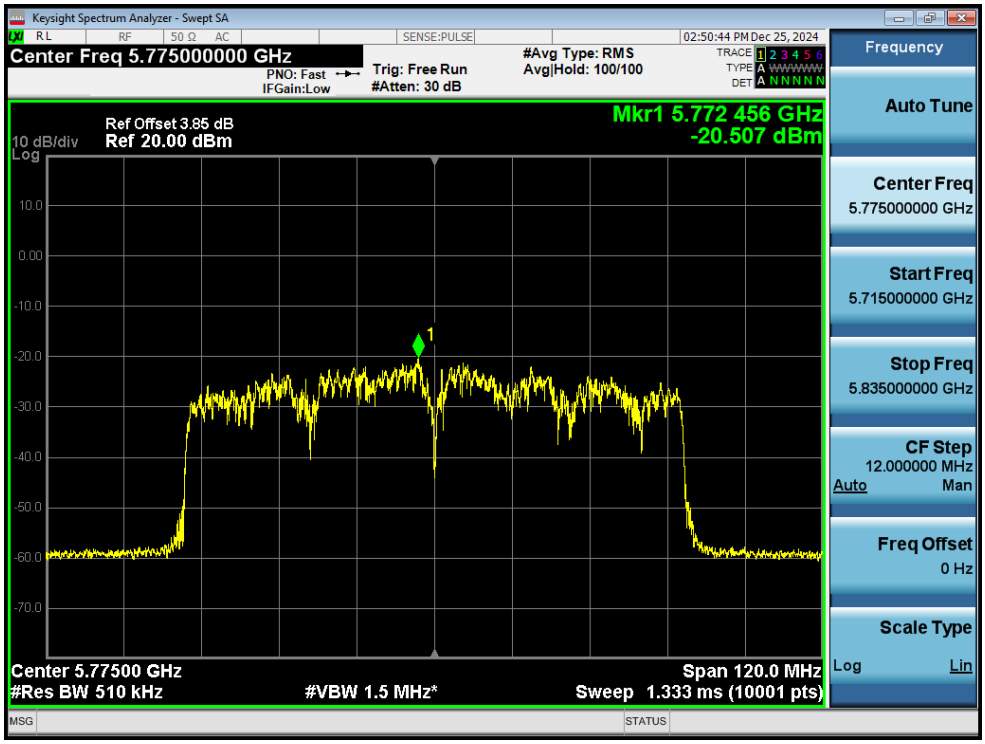


PSD NVNT ac80 5775MHz Ant2

MIMO mode:



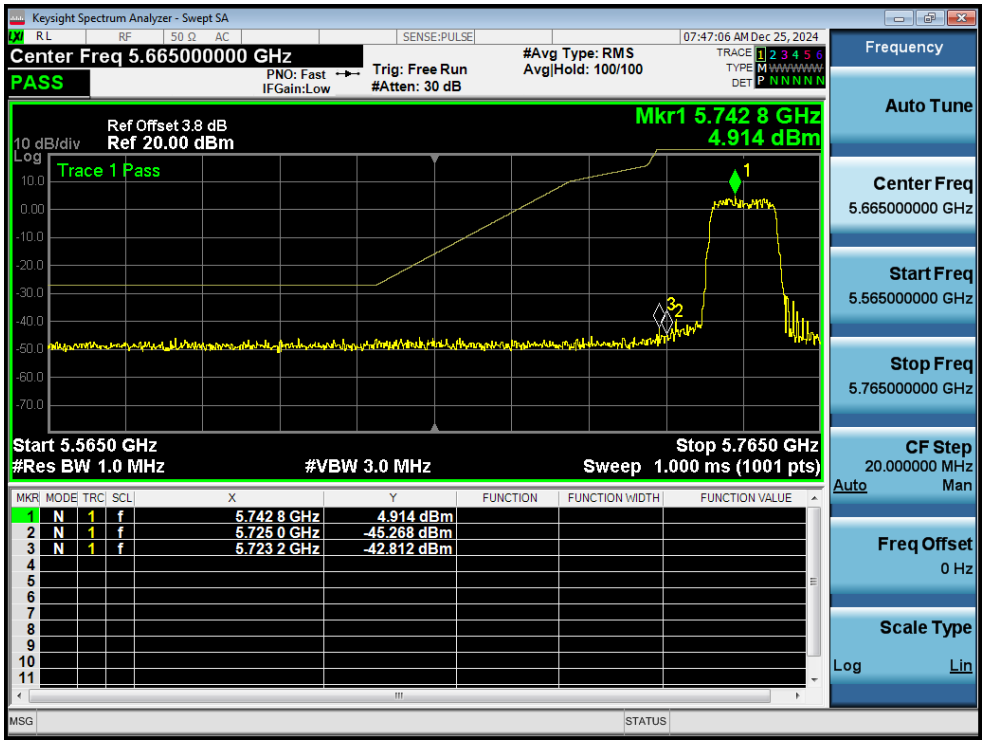
PSD NVNT ac80 5775MHz Ant1



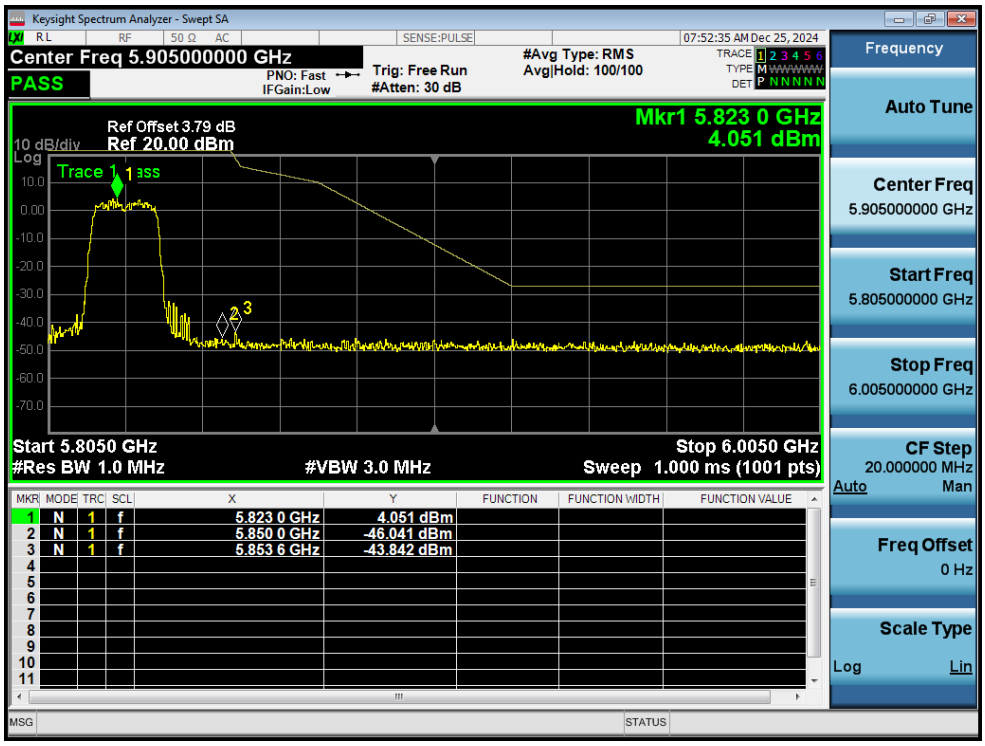
PSD NVNT ac80 5775MHz Ant2

6. Band Edge

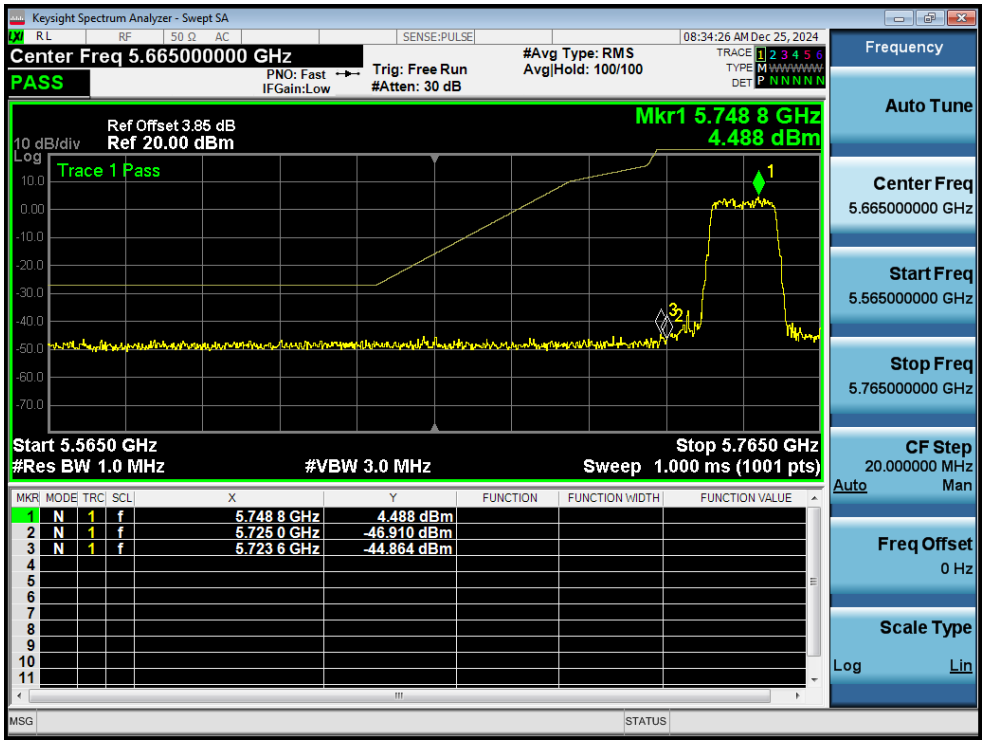
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-42.81	Pass
NVNT	a	5825	Ant1	-43.84	Pass
NVNT	a	5745	Ant2	-44.86	Pass
NVNT	a	5825	Ant2	-44.81	Pass
NVNT	n20	5745	Ant1	-44.75	Pass
NVNT	n20	5825	Ant1	-41.81	Pass
NVNT	n20	5745	Ant2	-44.97	Pass
NVNT	n20	5825	Ant2	-44.84	Pass
NVNT	n40	5755	Ant1	-38.86	Pass
NVNT	n40	5795	Ant1	-43.94	Pass
NVNT	n40	5755	Ant2	-40.91	Pass
NVNT	n40	5795	Ant2	-45.28	Pass
NVNT	ac20	5745	Ant1	-35.1	Pass
NVNT	ac20	5825	Ant1	-42.5	Pass
NVNT	ac20	5745	Ant2	-41.07	Pass
NVNT	ac20	5825	Ant2	-45.86	Pass
NVNT	ac40	5755	Ant1	-34.46	Pass
NVNT	ac40	5795	Ant1	-42.98	Pass
NVNT	ac40	5755	Ant2	-37.83	Pass
NVNT	ac40	5795	Ant2	-45.22	Pass
NVNT	ac80	5775	Ant1	-43.82	Pass
NVNT	ac80	5775	Ant1	-43.96	Pass
NVNT	ac80	5775	Ant1	-44.12	Pass
NVNT	ac80	5775	Ant2	-44.96	Pass
NVNT	ac80	5775	Ant2	-43.16	Pass



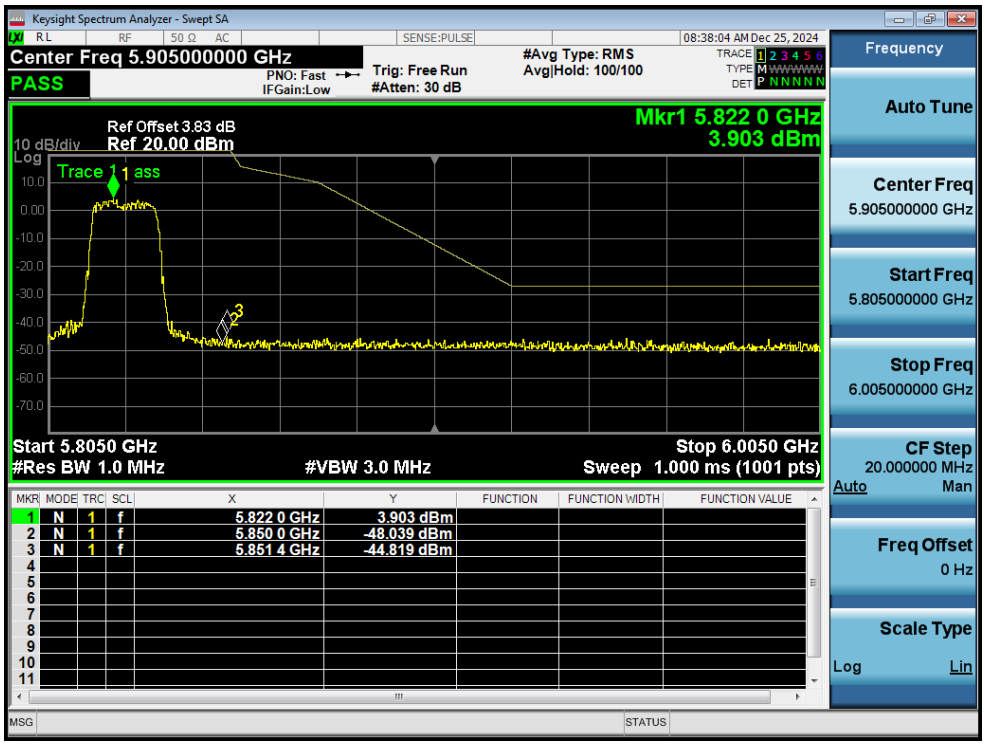
Band Edge NVNT a 5745MHz Low Ant1



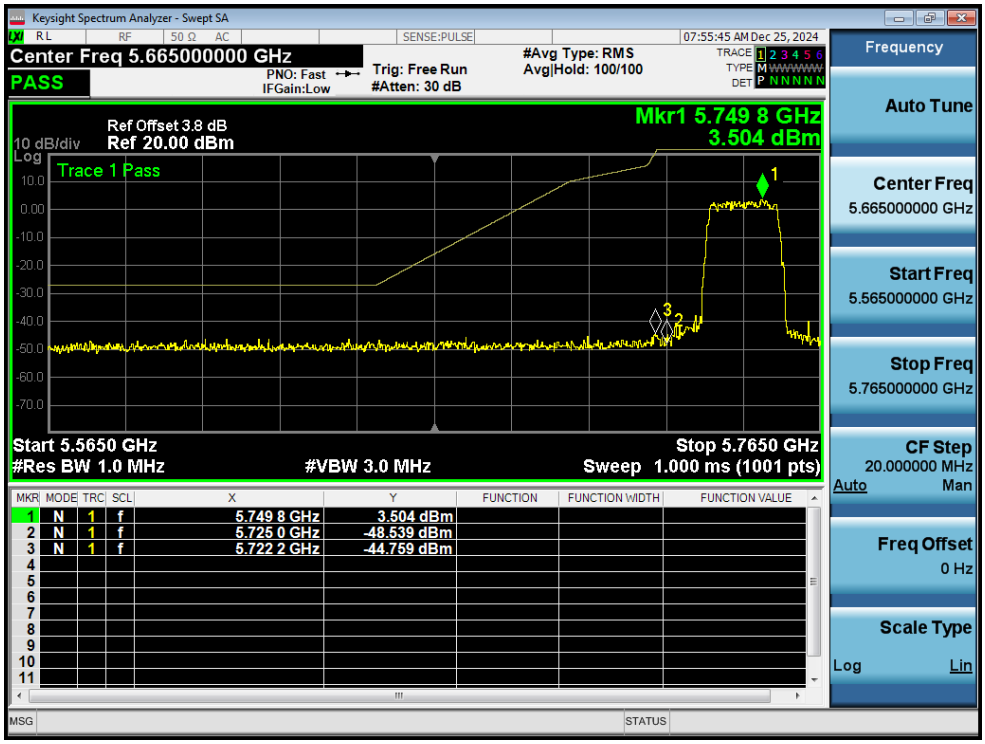
Band Edge NVNT a 5825MHz High Ant1



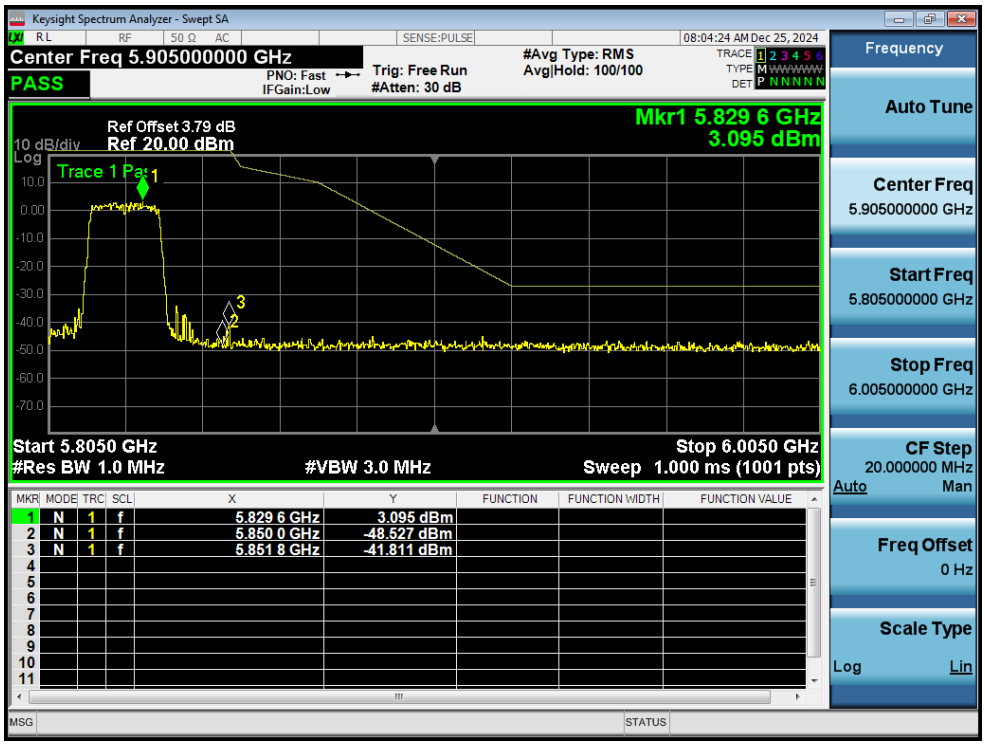
Band Edge NVNT a 5745MHz Low Ant2



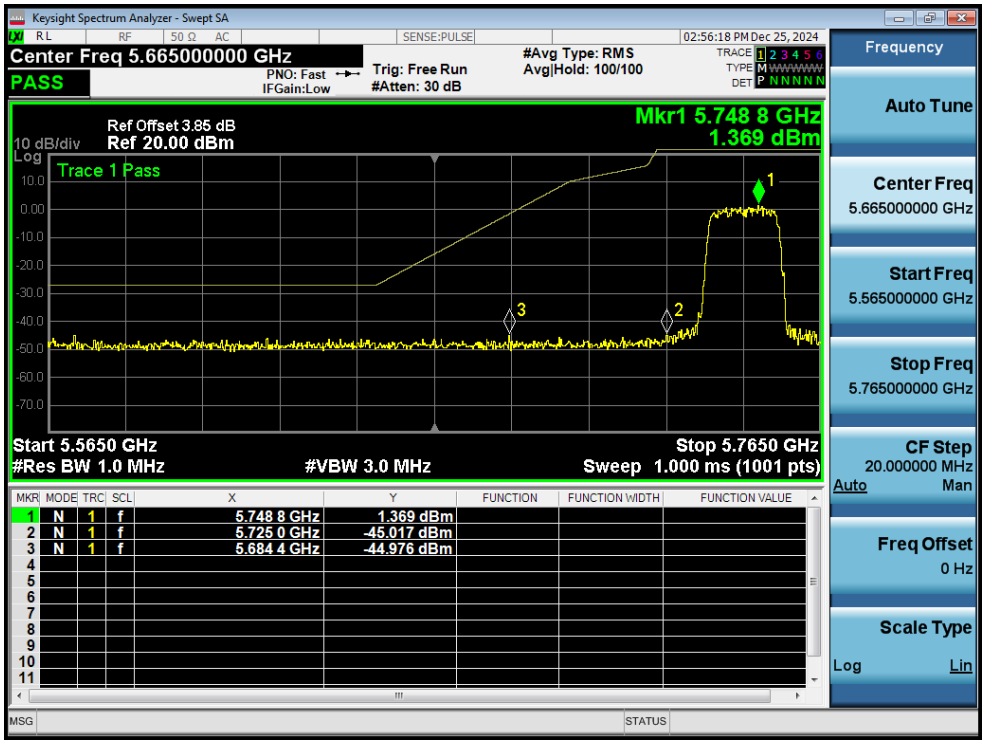
Band Edge NVNT a 5825MHz High Ant2



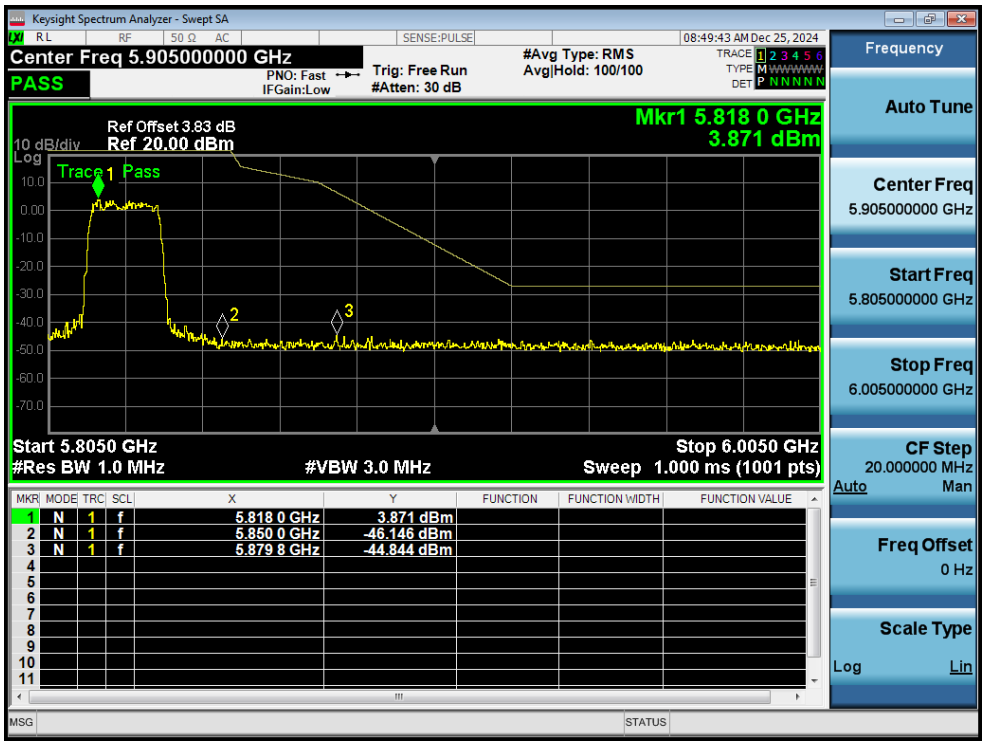
Band Edge NVNT n20 5745MHz Low Ant1



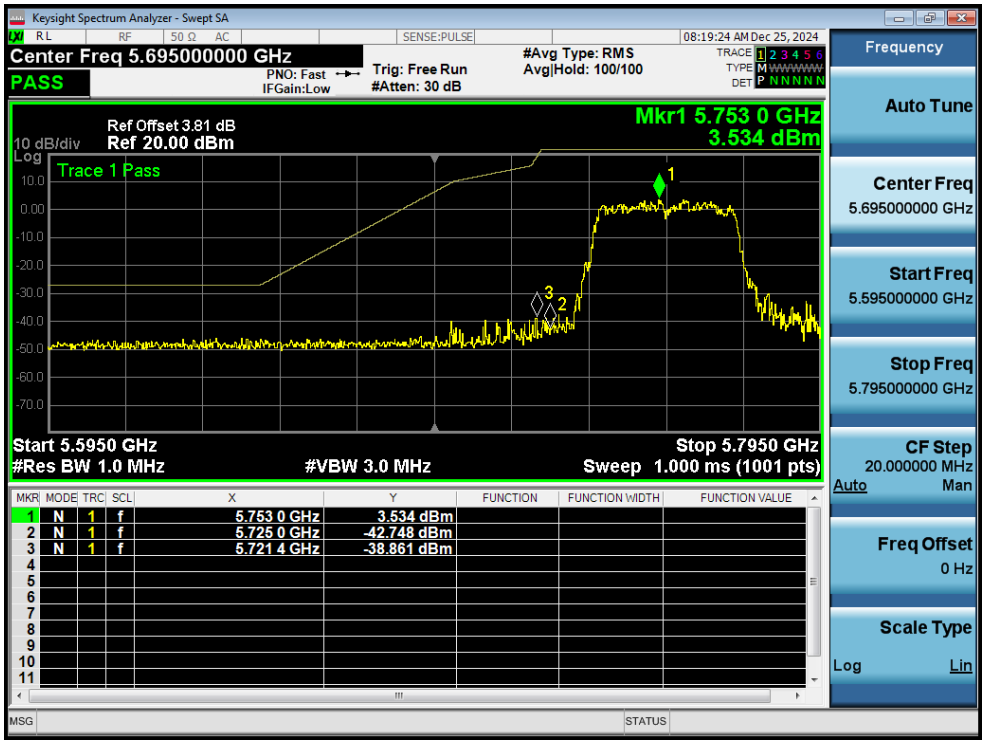
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant2

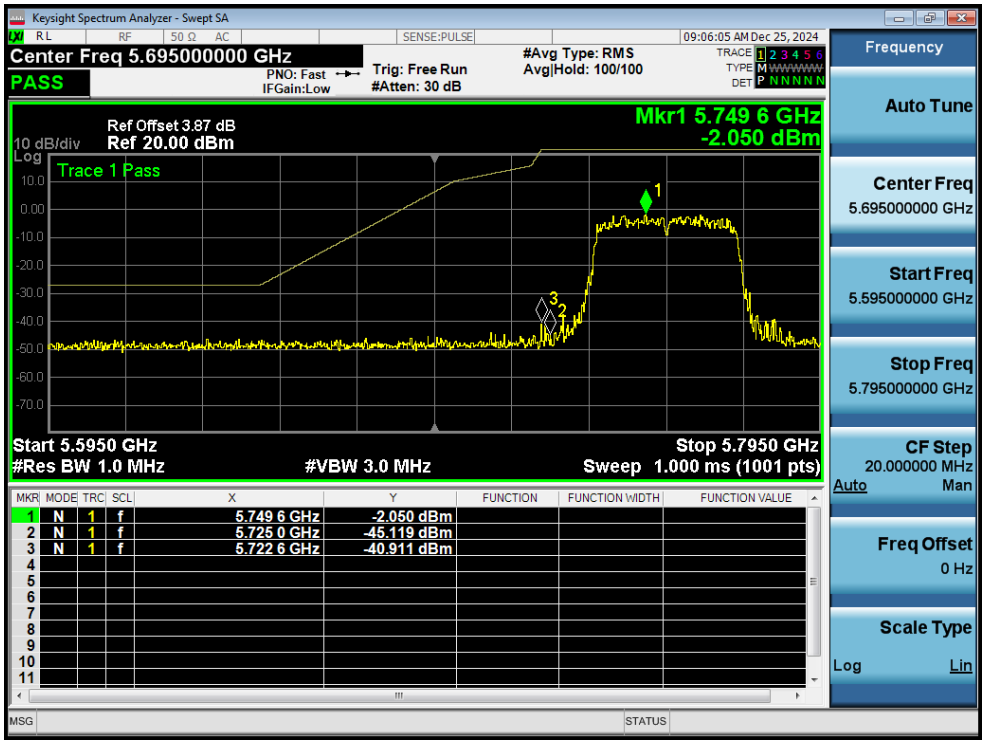


Band Edge NVNT n20 5825MHz High Ant2

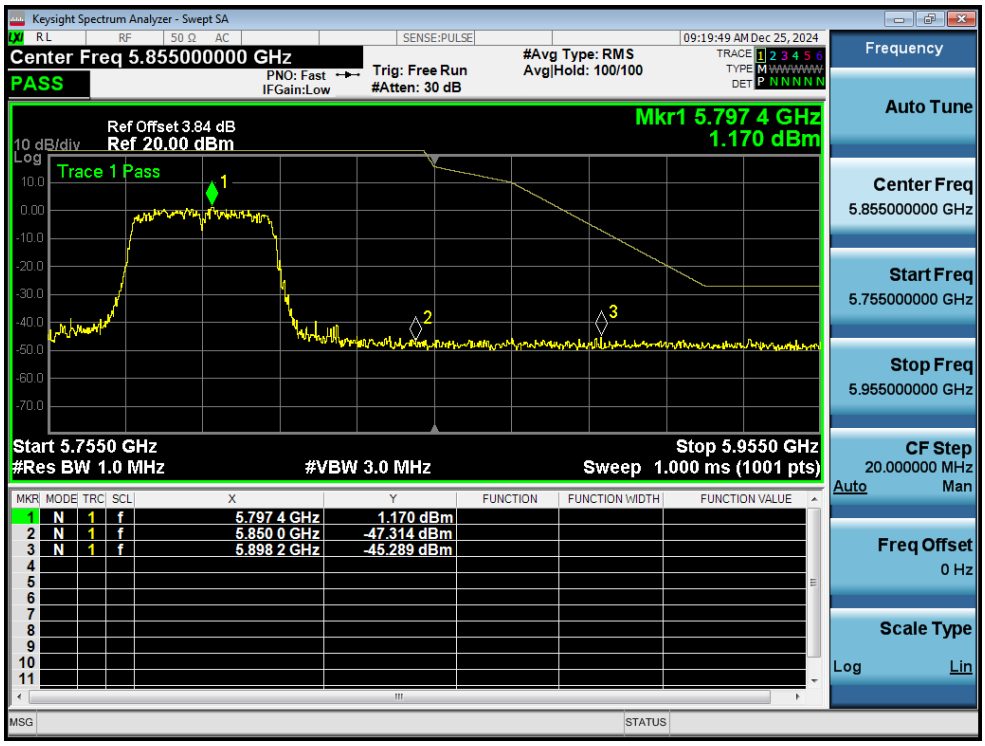


Band Edge NVNT n40 5755MHz Low Ant1

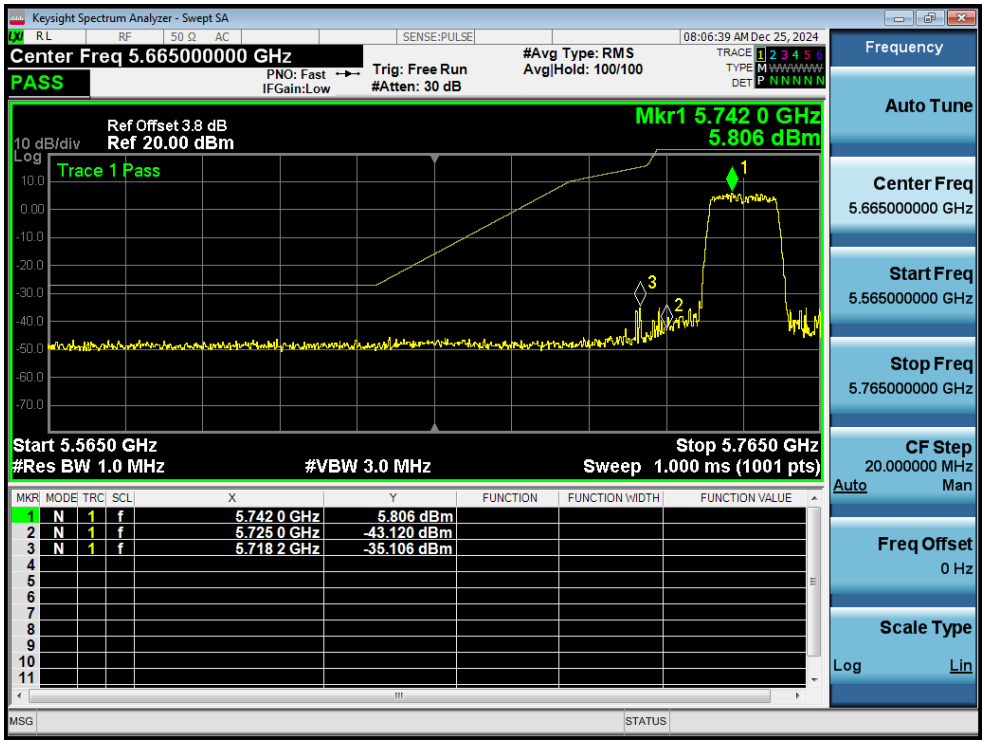
Band Edge NVNT n40 5795MHz High Ant1



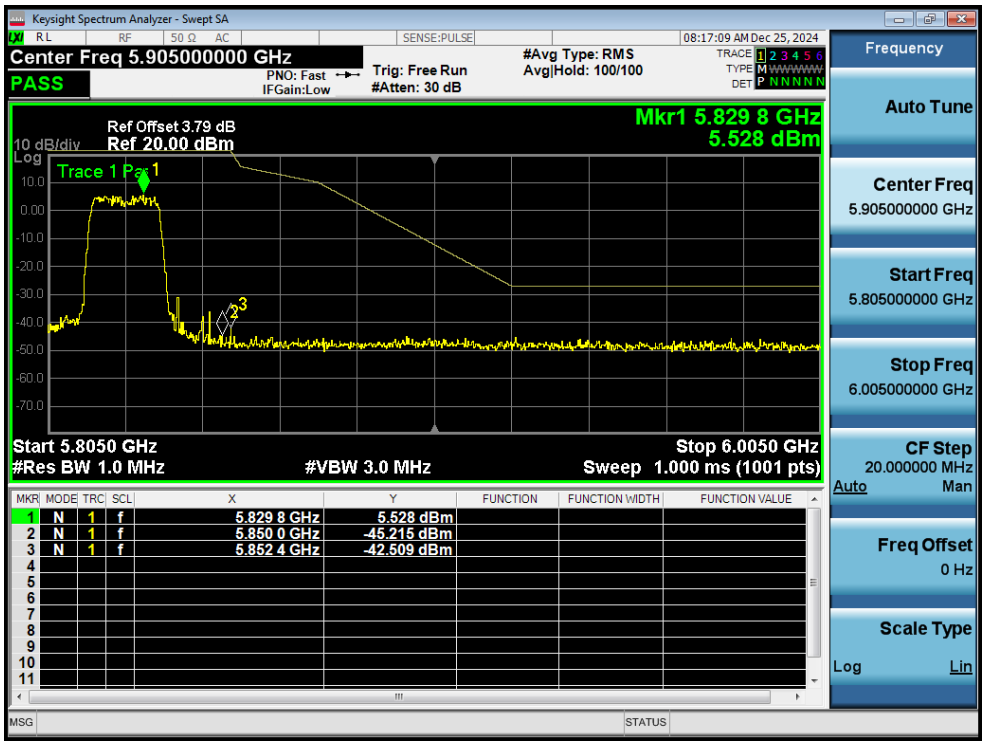
Band Edge NVNT n40 5755MHz Low Ant2



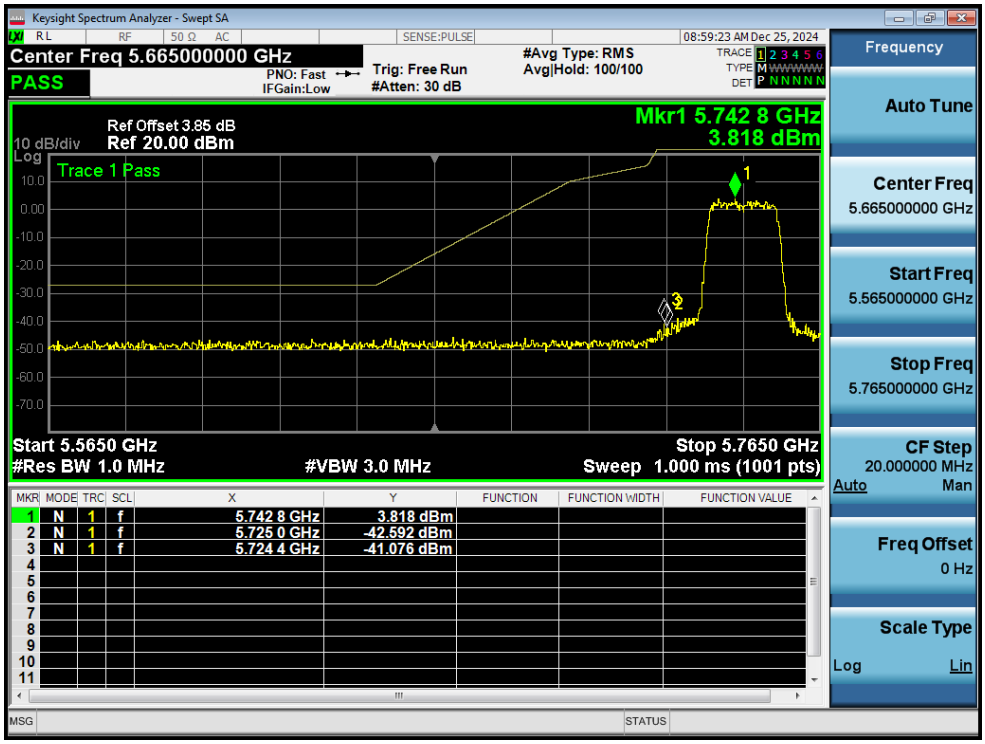
Band Edge NVNT n40 5795MHz High Ant2



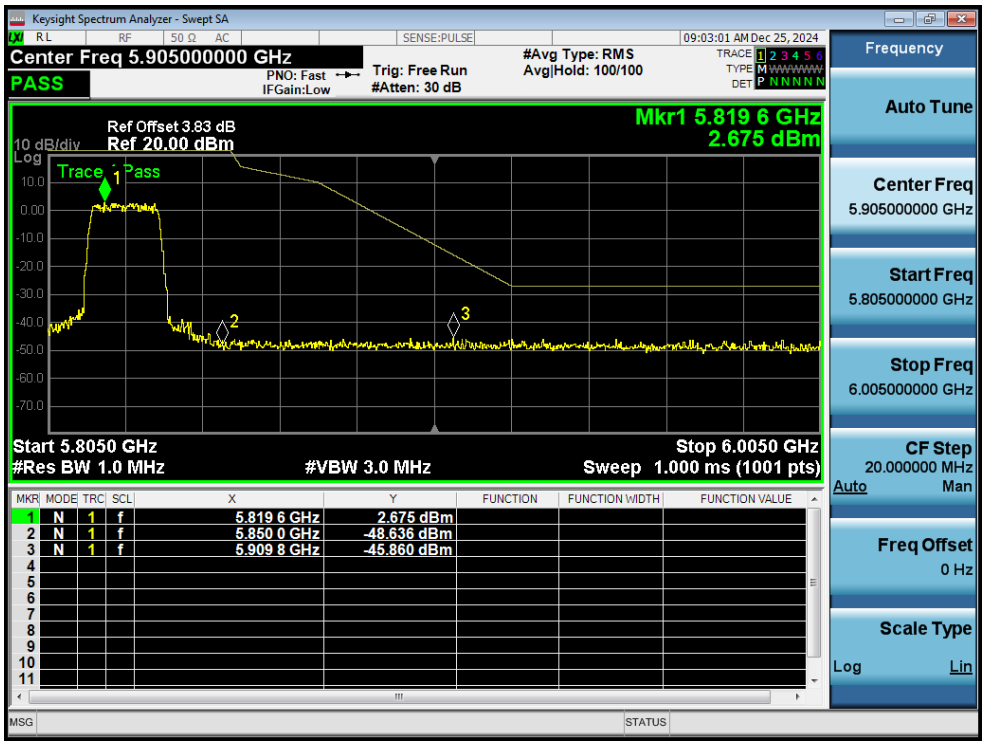
Band Edge NVNT ac20 5745MHz Low Ant1



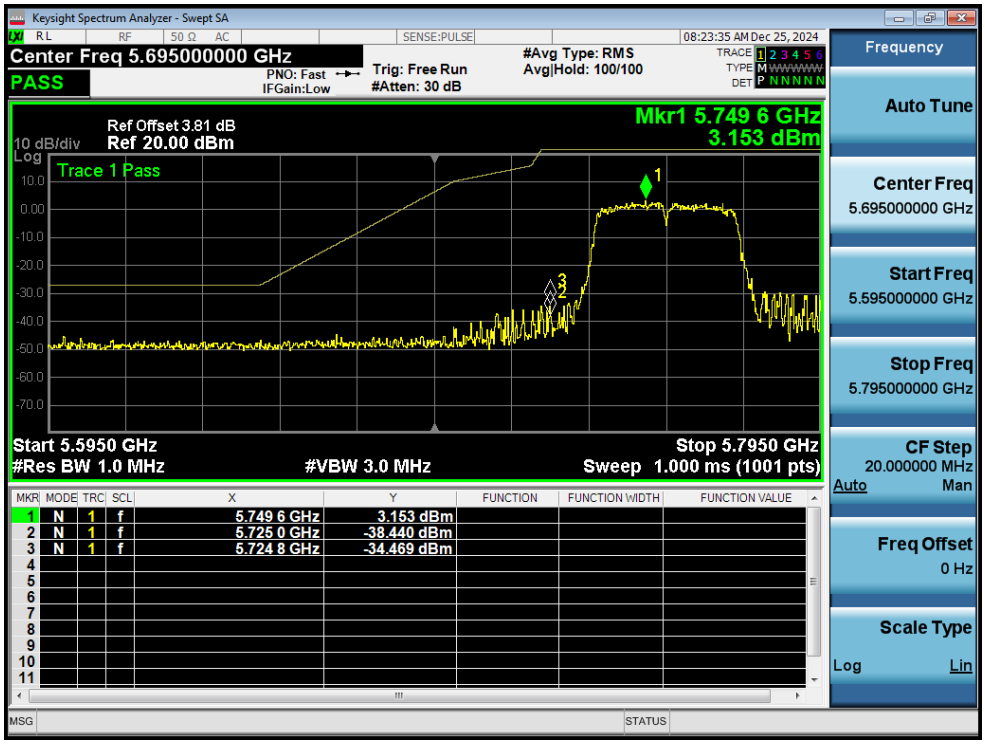
Band Edge NVNT ac20 5825MHz High Ant1



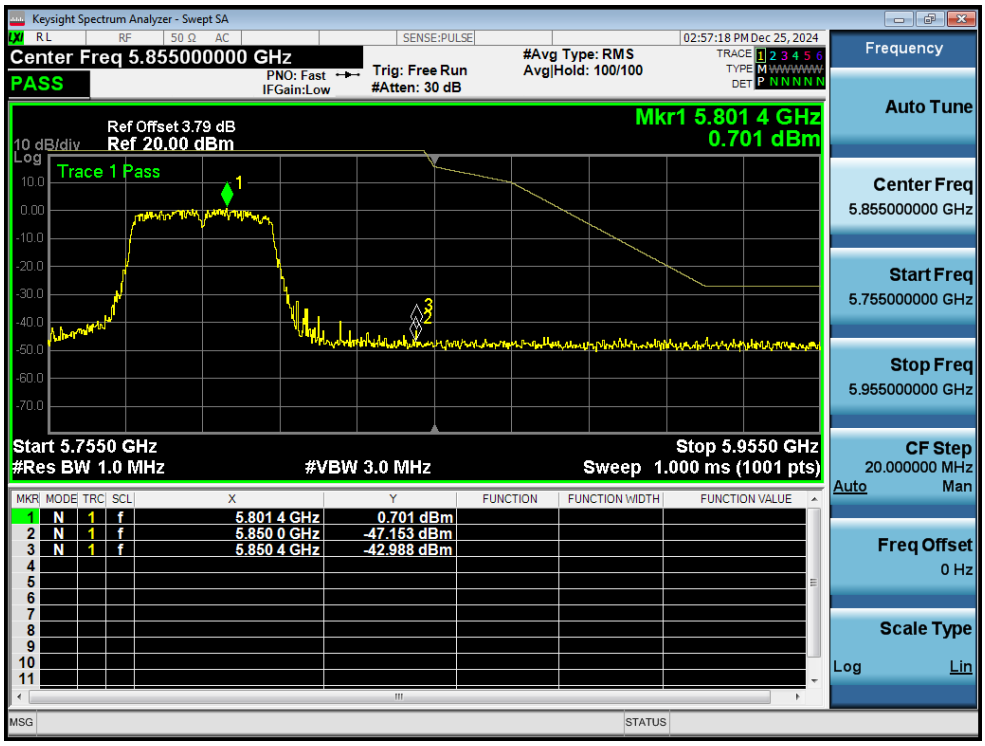
Band Edge NVNT ac20 5745MHz Low Ant2



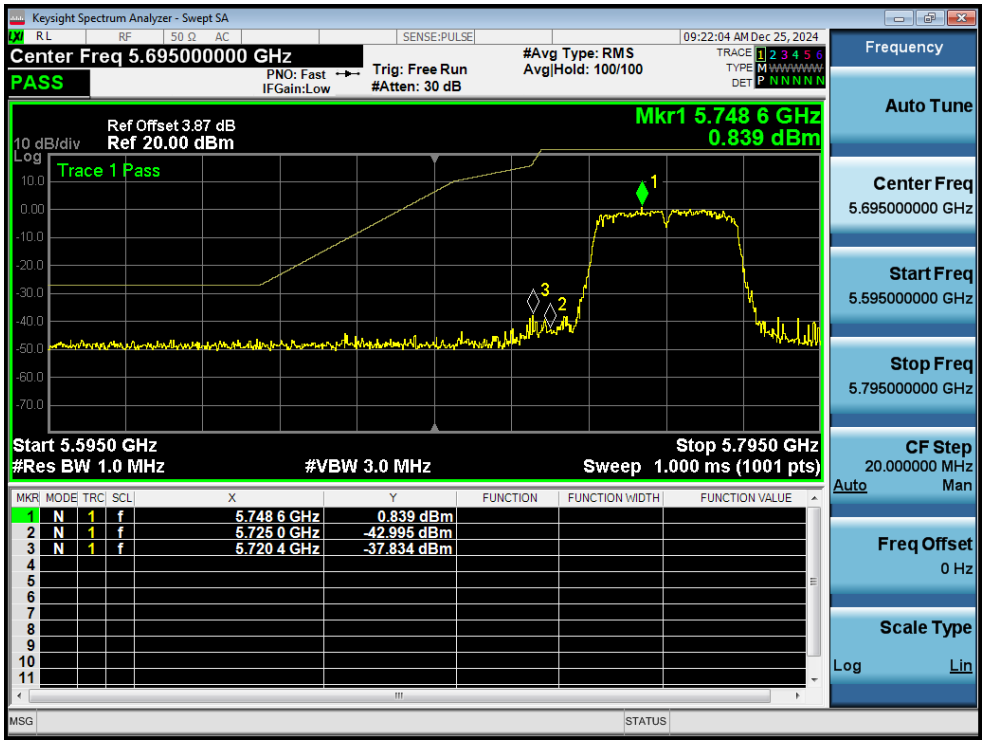
Band Edge NVNT ac20 5825MHz High Ant2



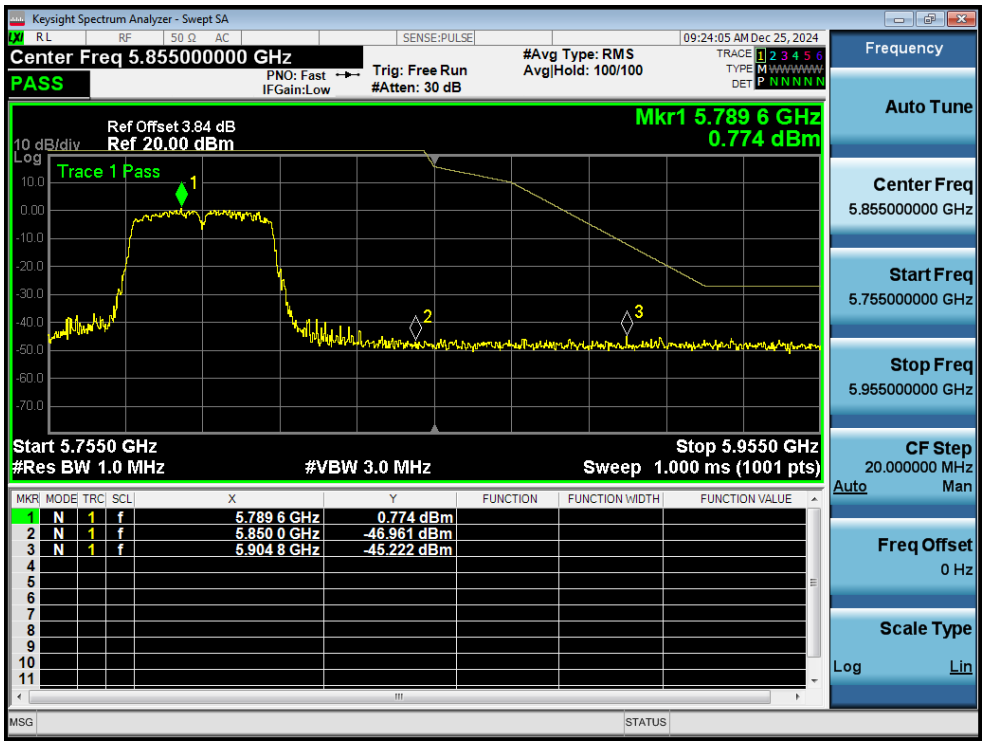
Band Edge NVNT ac40 5755MHz Low Ant1



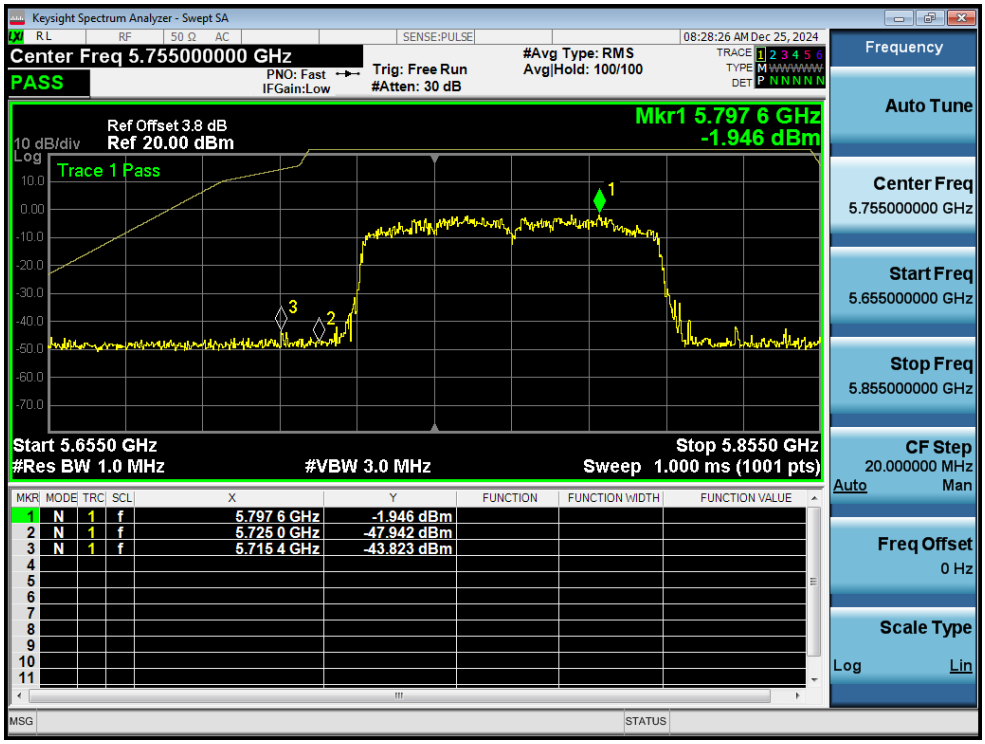
Band Edge NVNT ac40 5795MHz High Ant1



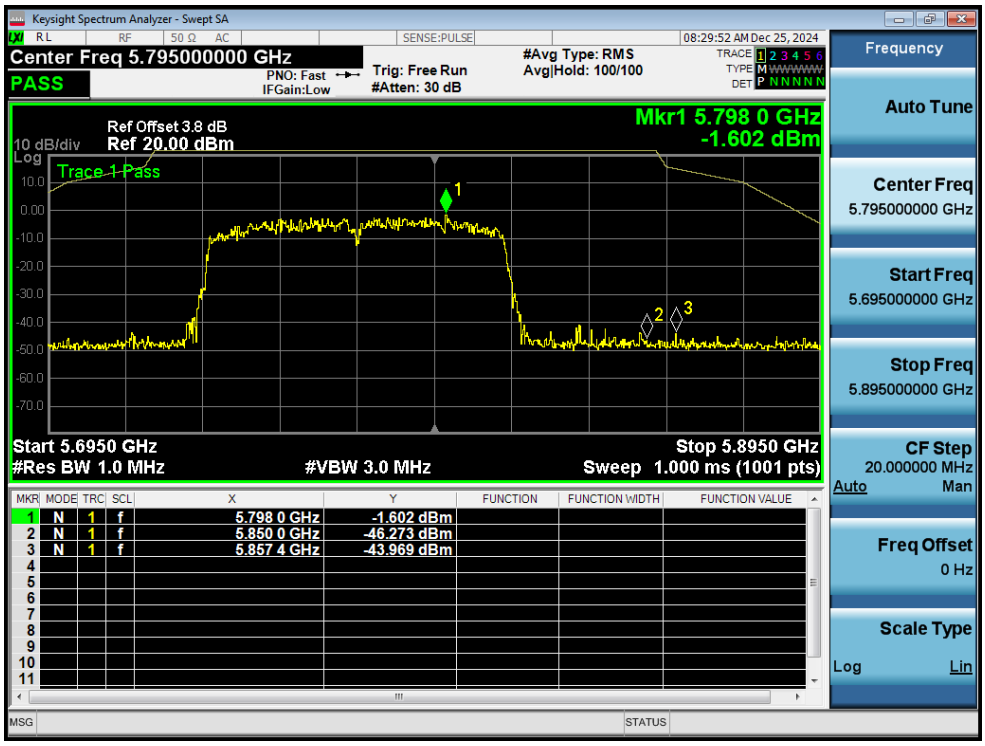
Band Edge NVNT ac40 5755MHz Low Ant2



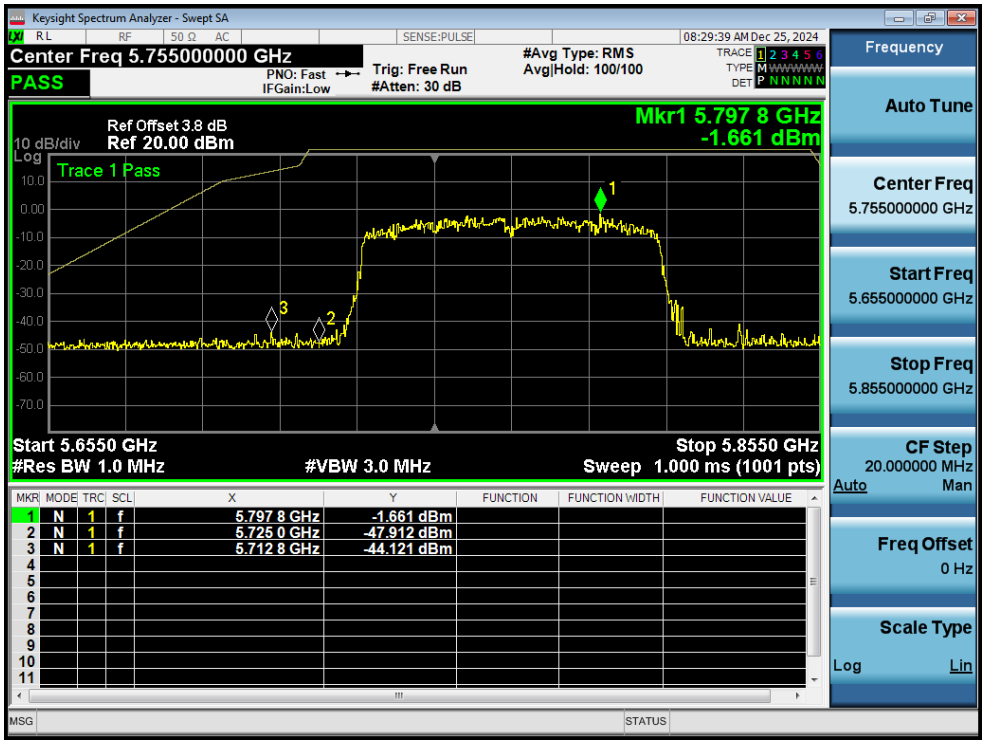
Band Edge NVNT ac40 5795MHz High Ant2



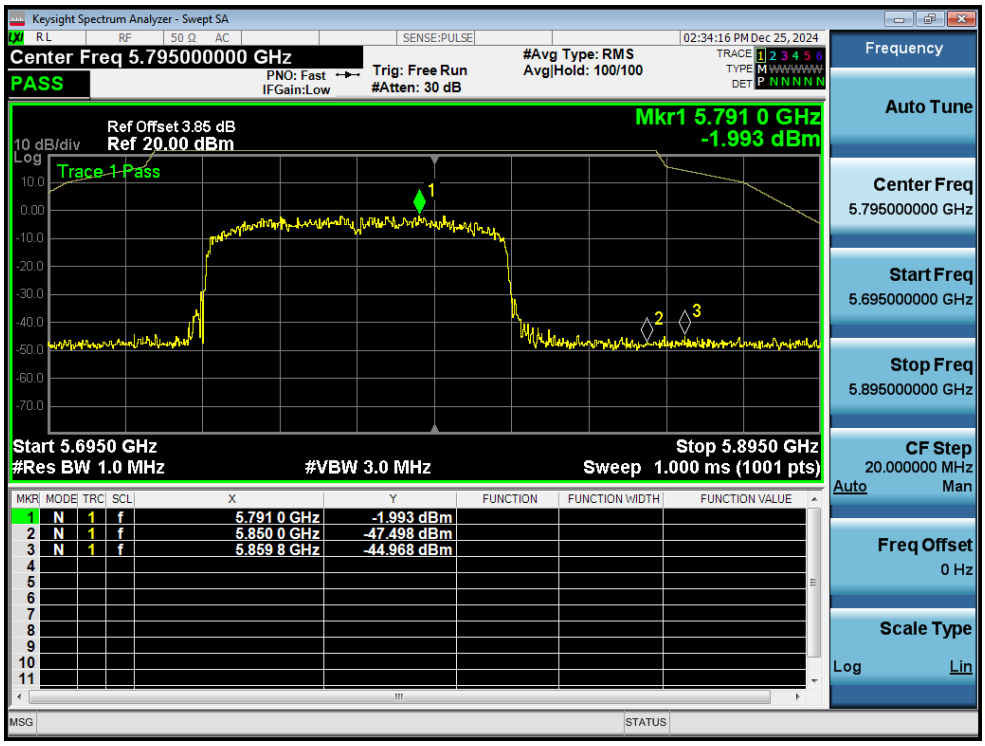
Band Edge NVNT ac80 5775MHz Low Ant1



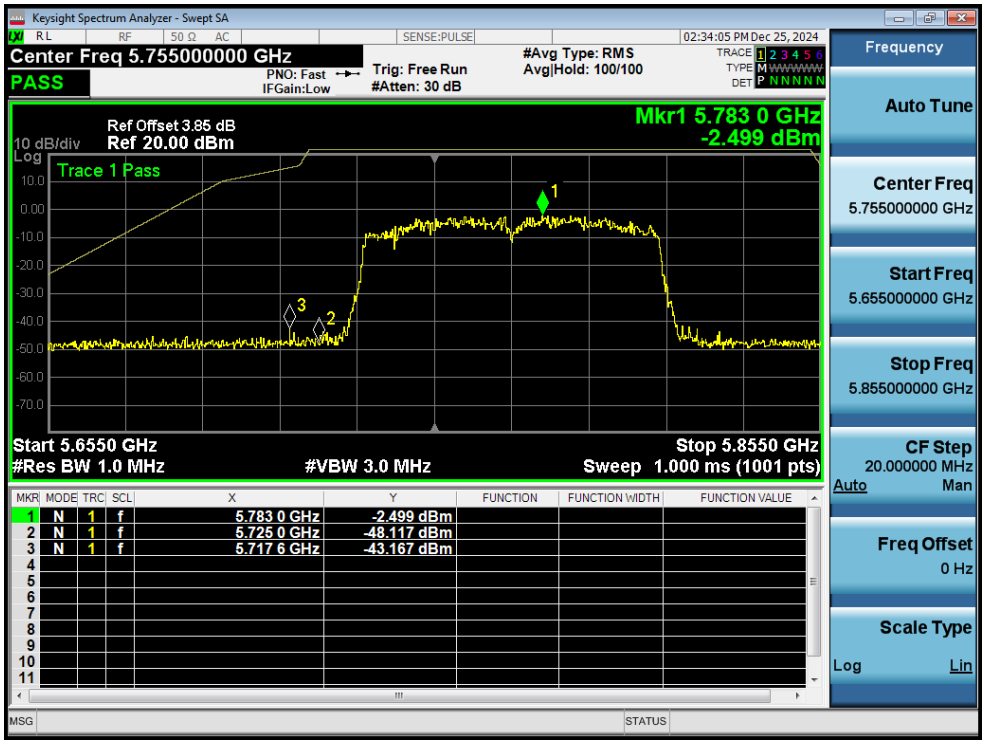
Band Edge NVNT ac80 5775MHz High Ant1



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 (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.68	-27	Pass
NVNT	a	5785	Ant1	-33.93	-27	Pass
NVNT	a	5825	Ant1	-34.32	-27	Pass
NVNT	a	5745	Ant2	-33.91	-27	Pass
NVNT	a	5785	Ant2	-33.92	-27	Pass
NVNT	a	5825	Ant2	-33.8	-27	Pass
NVNT	n20	5745	Ant1	-33.96	-27	Pass
NVNT	n20	5785	Ant1	-34.5	-27	Pass
NVNT	n20	5825	Ant1	-34.21	-27	Pass
NVNT	n20	5745	Ant2	-34.14	-27	Pass
NVNT	n20	5785	Ant2	-32.71	-27	Pass
NVNT	n20	5825	Ant2	-33.73	-27	Pass
NVNT	n40	5755	Ant1	-34.22	-27	Pass
NVNT	n40	5795	Ant1	-34.1	-27	Pass
NVNT	n40	5755	Ant2	-33.91	-27	Pass
NVNT	n40	5795	Ant2	-34.02	-27	Pass
NVNT	ac20	5745	Ant1	-33.72	-27	Pass
NVNT	ac20	5785	Ant1	-33.9	-27	Pass
NVNT	ac20	5825	Ant1	-33.82	-27	Pass
NVNT	ac20	5745	Ant2	-33.99	-27	Pass
NVNT	ac20	5785	Ant2	-33.59	-27	Pass
NVNT	ac20	5825	Ant2	-33.55	-27	Pass
NVNT	ac40	5755	Ant1	-33.99	-27	Pass
NVNT	ac40	5795	Ant1	-33.51	-27	Pass
NVNT	ac40	5755	Ant2	-33.48	-27	Pass
NVNT	ac40	5795	Ant2	-34.02	-27	Pass
NVNT	ac80	5775	Ant1	-33.65	-27	Pass
NVNT	ac80	5775	Ant2	-32.96	-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 n20 5745MHz Ant1 Emission

Tx. Spurious NVNT n20 5785MHz Ant1 Emission

Tx. Spurious NVNT n20 5825MHz Ant1 Emission

Tx. Spurious NVNT n20 5745MHz Ant2 Emission

Tx. Spurious NVNT n20 5785MHz Ant2 Emission

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

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