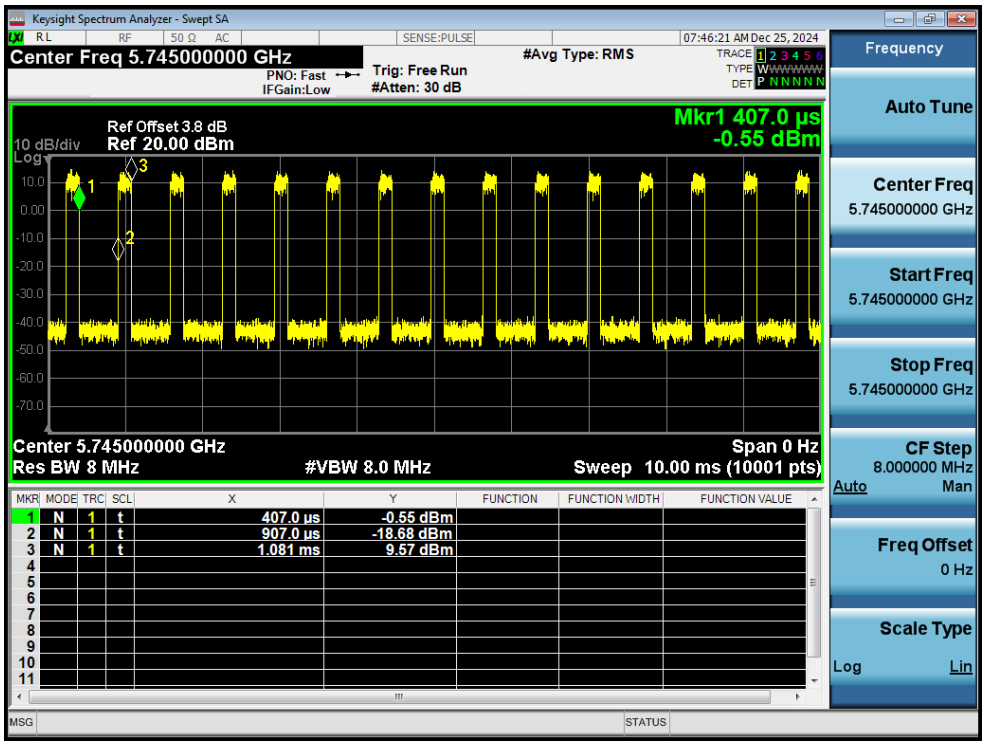
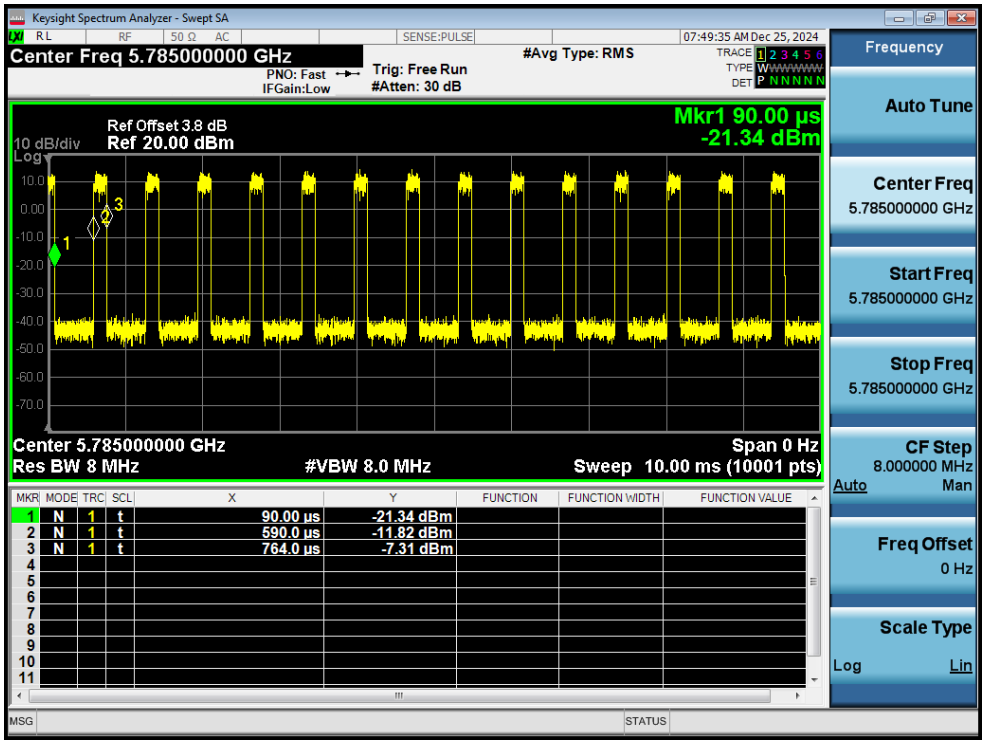
Test Data Appendix of Test Report

1. Duty Cycle

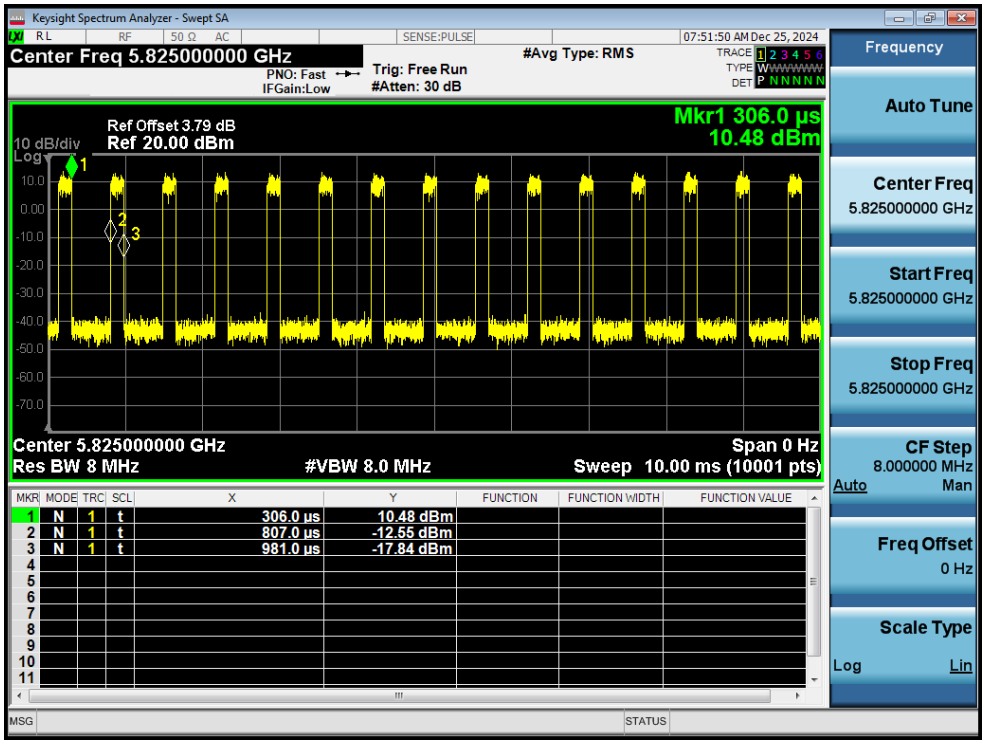
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	25.82	5.88	5.75
NVNT	a	5785	Ant1	25.82	5.88	5.75
NVNT	a	5825	Ant1	25.78	5.89	5.75
NVNT	a	5745	Ant2	25.67	5.91	5.78
NVNT	a	5785	Ant2	25.67	5.91	5.78
NVNT	a	5825	Ant2	25.78	5.89	5.75
NVNT	n20	5745	Ant1	24.43	6.12	6.17
NVNT	n20	5785	Ant1	24.32	6.14	6.21
NVNT	n20	5825	Ant1	24.32	6.14	6.21
NVNT	n20	5745	Ant2	24.47	6.11	6.17
NVNT	n20	5785	Ant2	24.32	6.14	6.21
NVNT	n20	5825	Ant2	24.32	6.14	6.21
NVNT	n20	5745	Sum	24.43	6.12	6.17
NVNT	n20	5785	Sum	24.47	6.11	6.17
NVNT	n20	5825	Sum	24.32	6.14	6.21
NVNT	n40	5755	Ant1	38.3	4.17	3.22
NVNT	n40	5795	Ant1	38.38	4.16	3.21
NVNT	n40	5755	Ant2	16.22	7.9	10.31
NVNT	n40	5795	Ant2	16.22	7.9	10.31
NVNT	n40	5755	Sum	16.22	7.9	10.31
NVNT	n40	5795	Sum	16.22	7.9	10.31
NVNT	ac20	5745	Ant1	56.92	2.45	1.51
NVNT	ac20	5785	Ant1	54.5	2.64	1.67
NVNT	ac20	5825	Ant1	54.45	2.64	1.67
NVNT	ac20	5745	Ant2	56.88	2.45	1.51
NVNT	ac20	5785	Ant2	56.88	2.45	1.51
NVNT	ac20	5825	Ant2	56.97	2.44	1.51
NVNT	ac20	5745	Sum	56.92	2.45	1.51
NVNT	ac20	5785	Sum	56.88	2.45	1.51
NVNT	ac20	5825	Sum	56.88	2.45	1.51
NVNT	ac40	5755	Ant1	26.22	5.81	5.62
NVNT	ac40	5795	Ant1	26.36	5.79	5.59
NVNT	ac40	5755	Ant2	40.5	3.93	2.93
NVNT	ac40	5795	Ant2	40.57	3.92	2.92
NVNT	ac40	5755	Sum	40.57	3.92	2.92
NVNT	ac40	5795	Sum	40.57	3.92	2.92
NVNT	ac80	5775	Ant1	11.17	9.52	15.87
NVNT	ac80	5775	Ant2	11.5	9.39	15.38
NVNT	ac80	5775	Sum	11.48	9.4	15.38



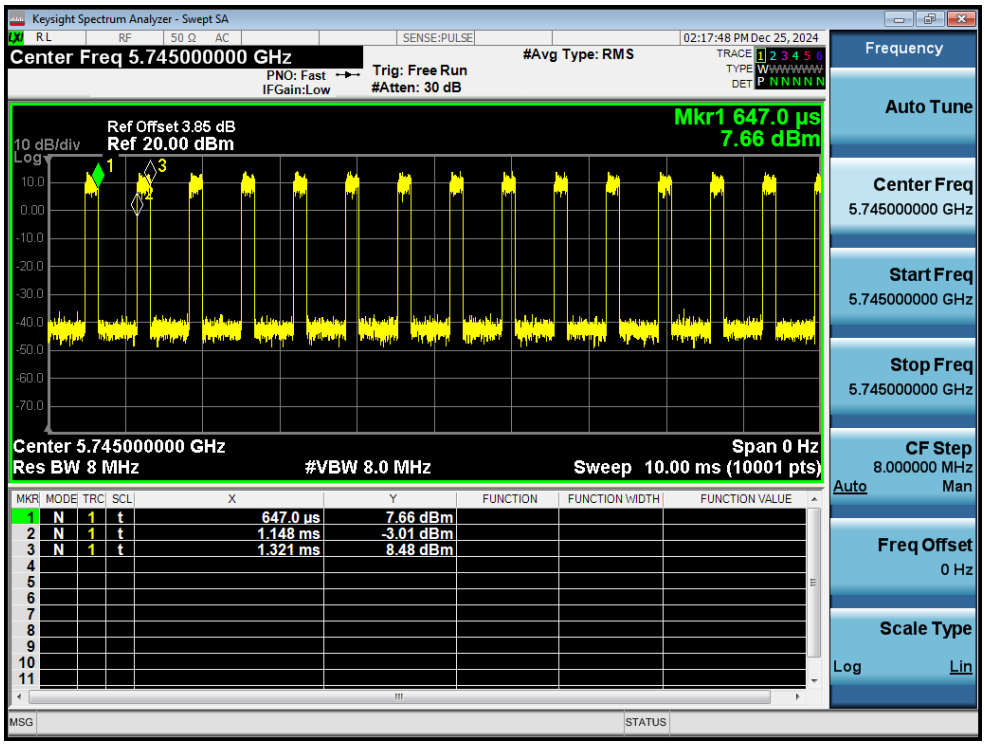
Duty Cycle NVNT a 5745MHz Ant1



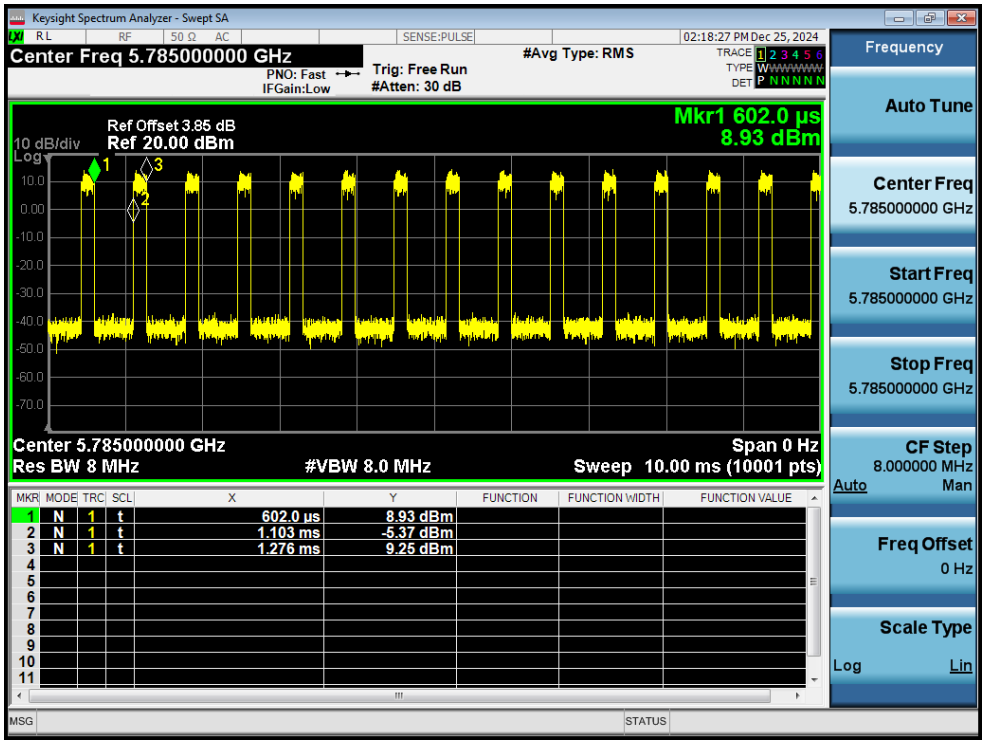
Duty Cycle NVNT a 5785MHz Ant1



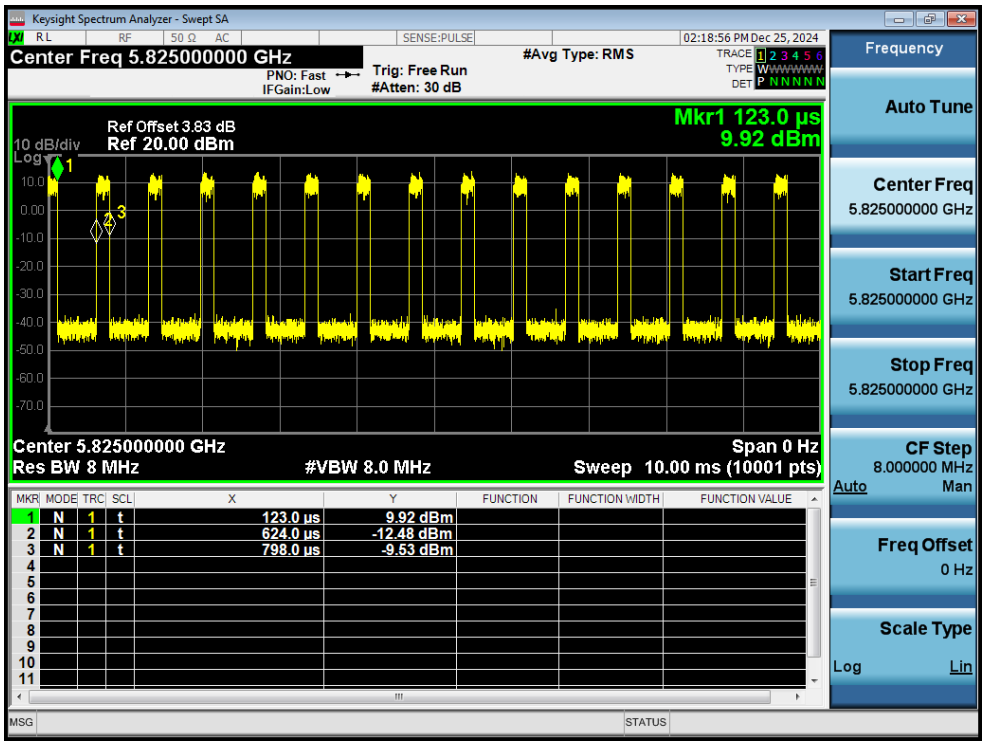
Duty Cycle NVNT a 5825MHz Ant1



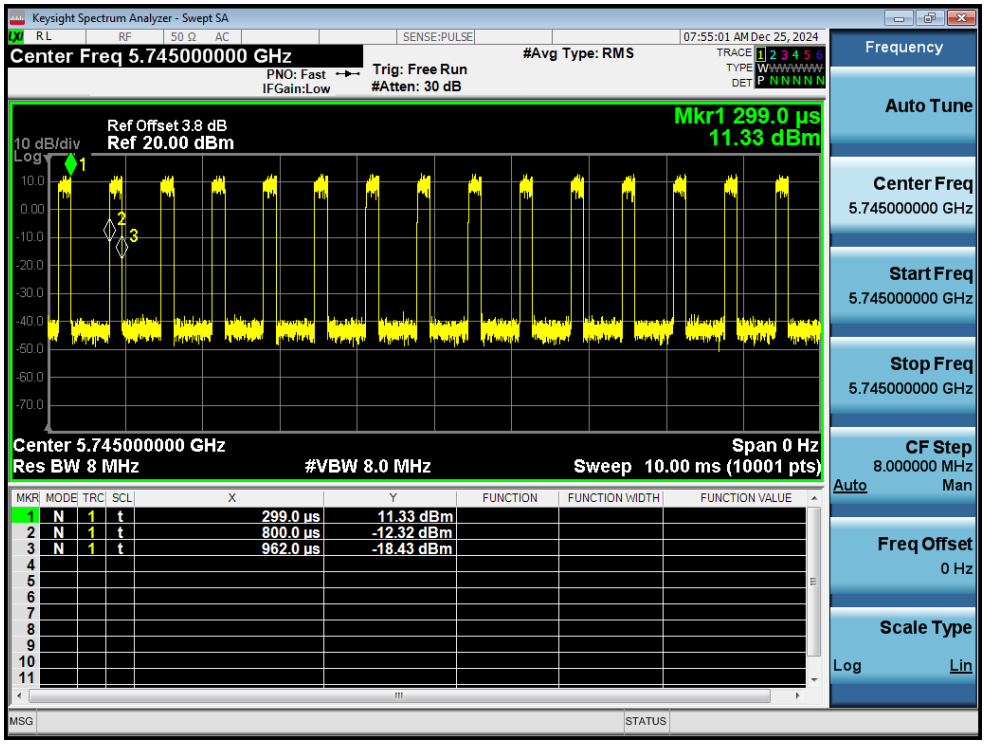
Duty Cycle NVNT a 5745MHz Ant2



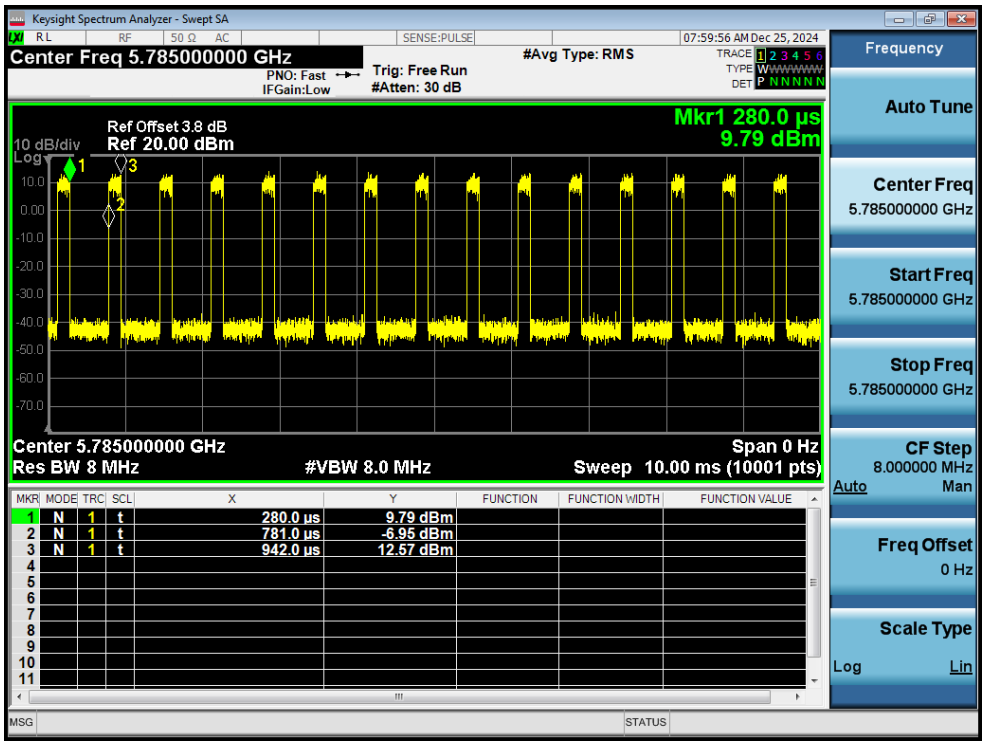
Duty Cycle NVNT a 5785MHz Ant2



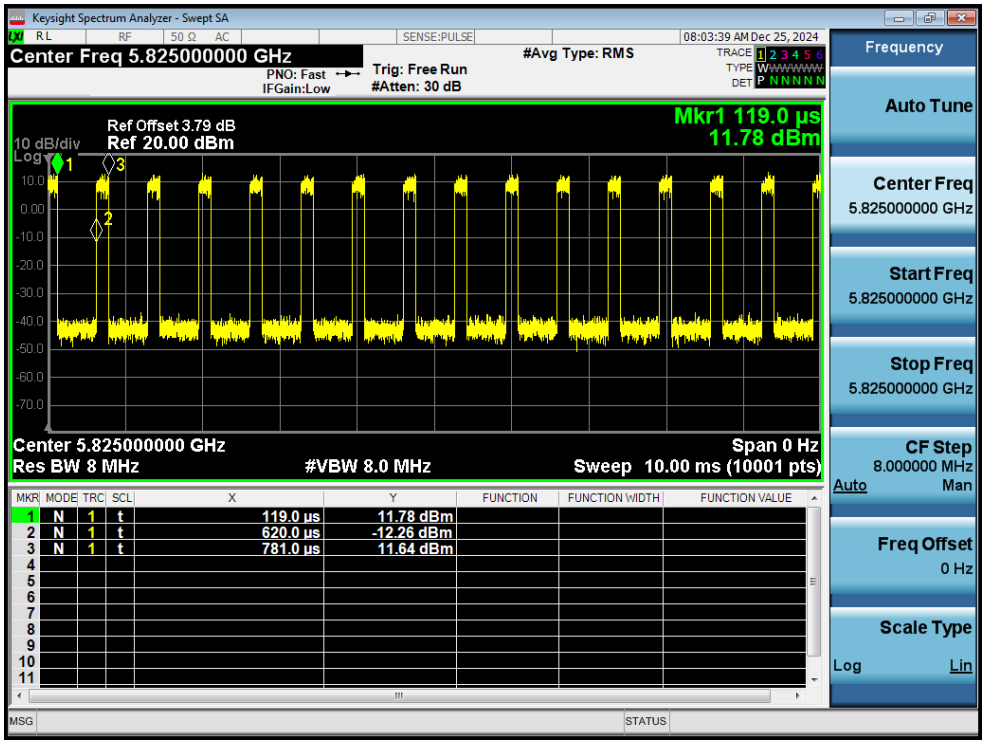
Duty Cycle NVNT a 5825MHz Ant2



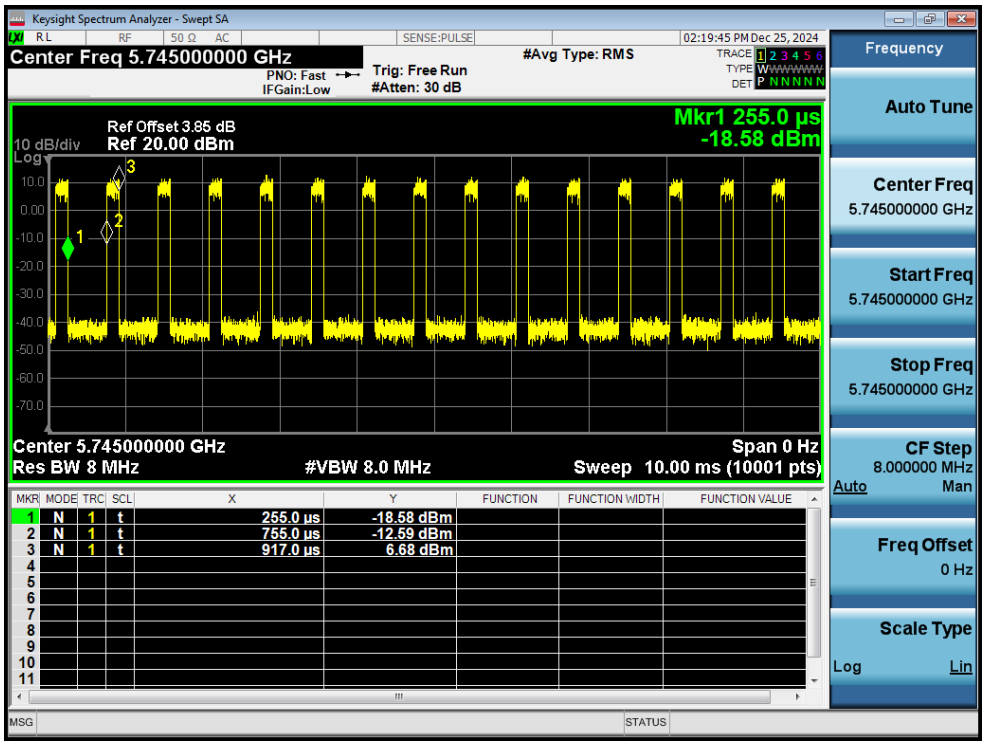
Duty Cycle NVNT n20 5745MHz Ant1



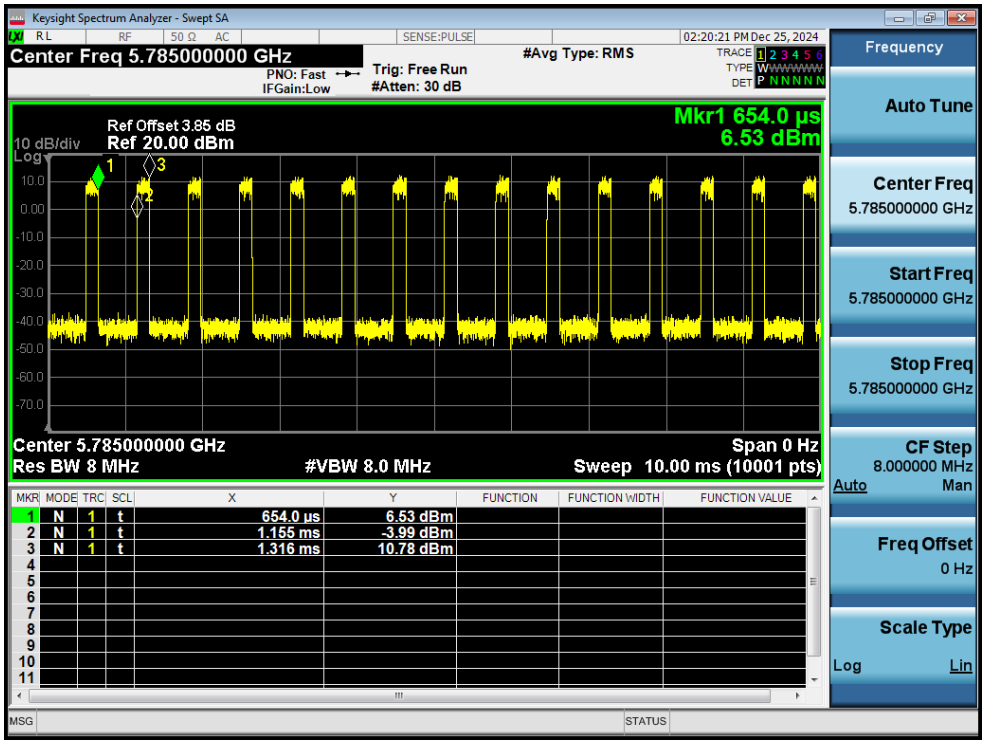
Duty Cycle NVNT n20 5785MHz Ant1



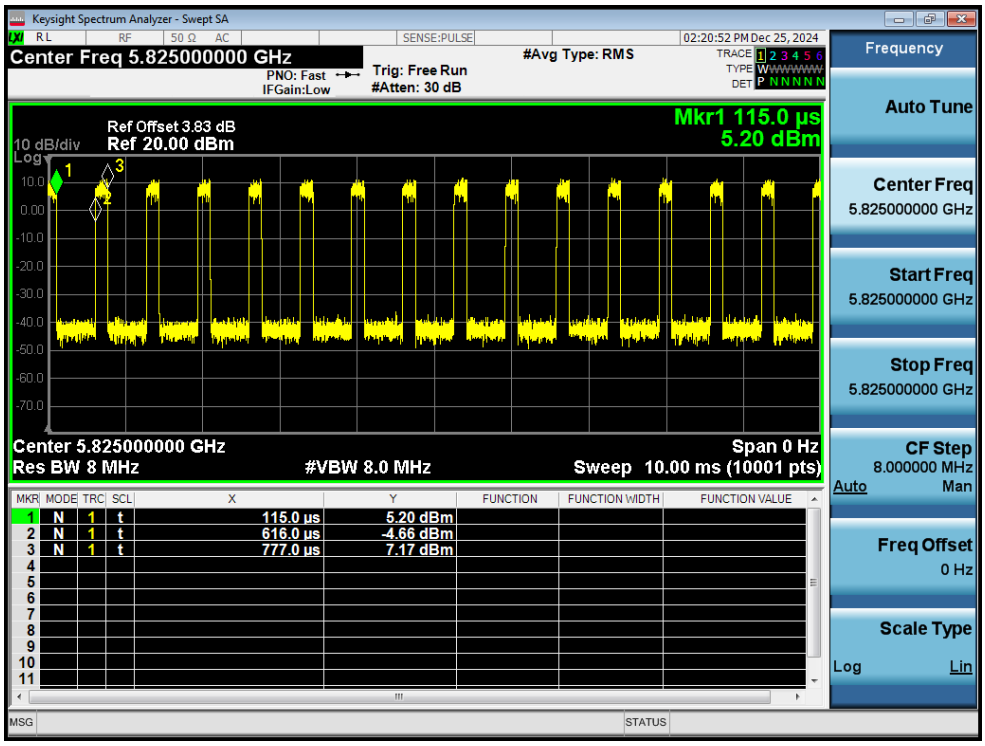
Duty Cycle NVNT n20 5825MHz Ant1



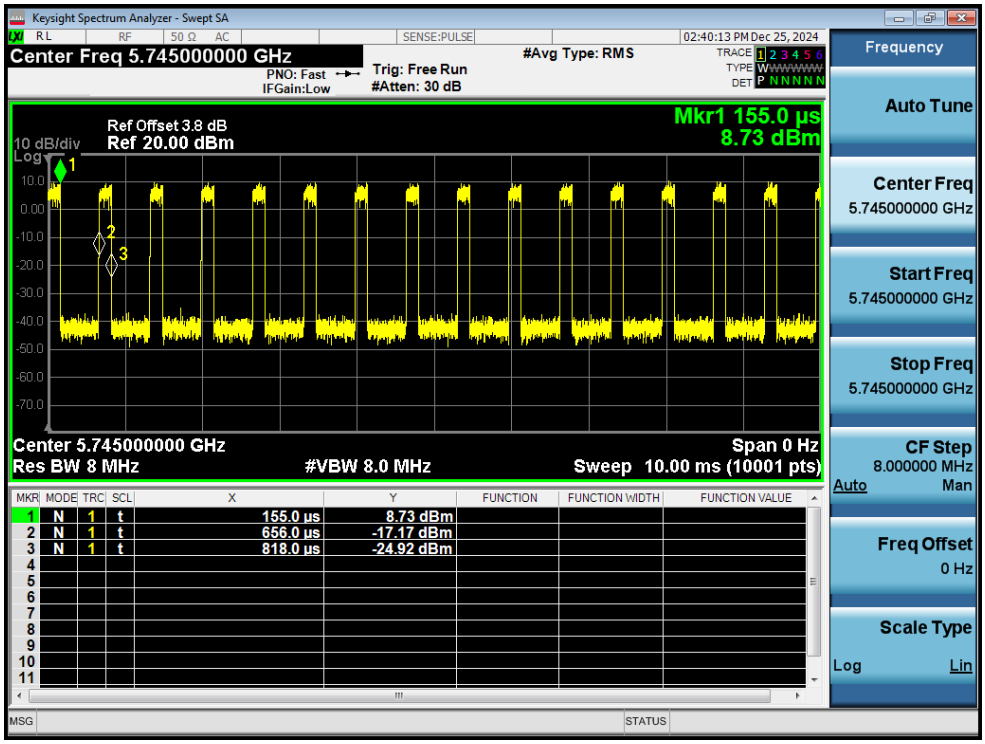
Duty Cycle NVNT n20 5745MHz Ant2



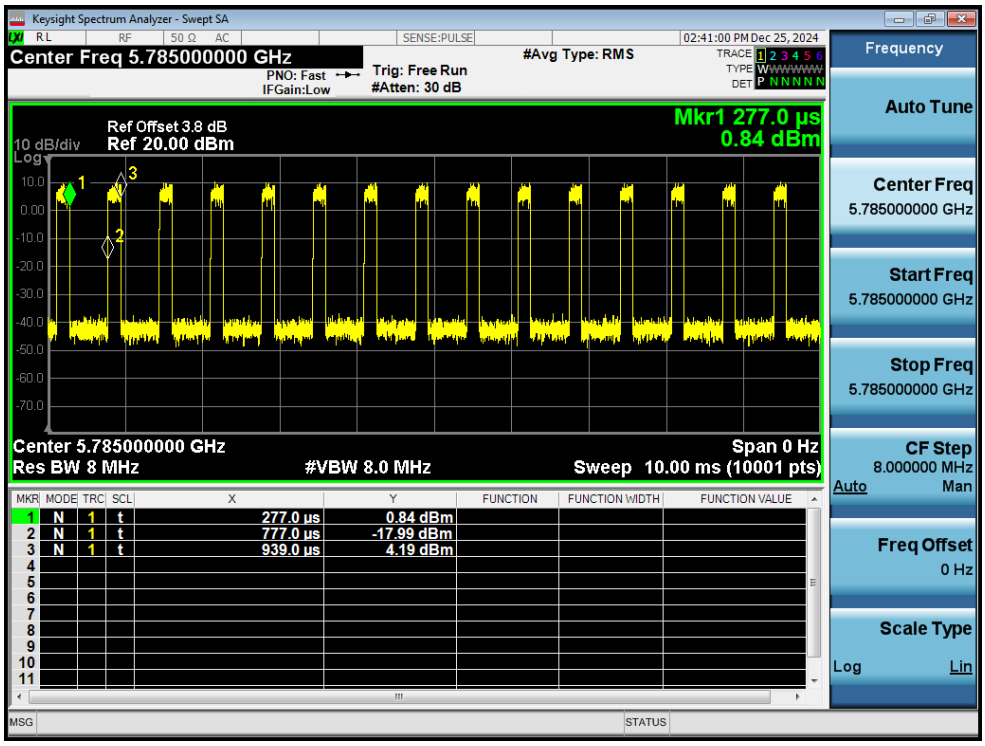
Duty Cycle NVNT n20 5785MHz Ant2



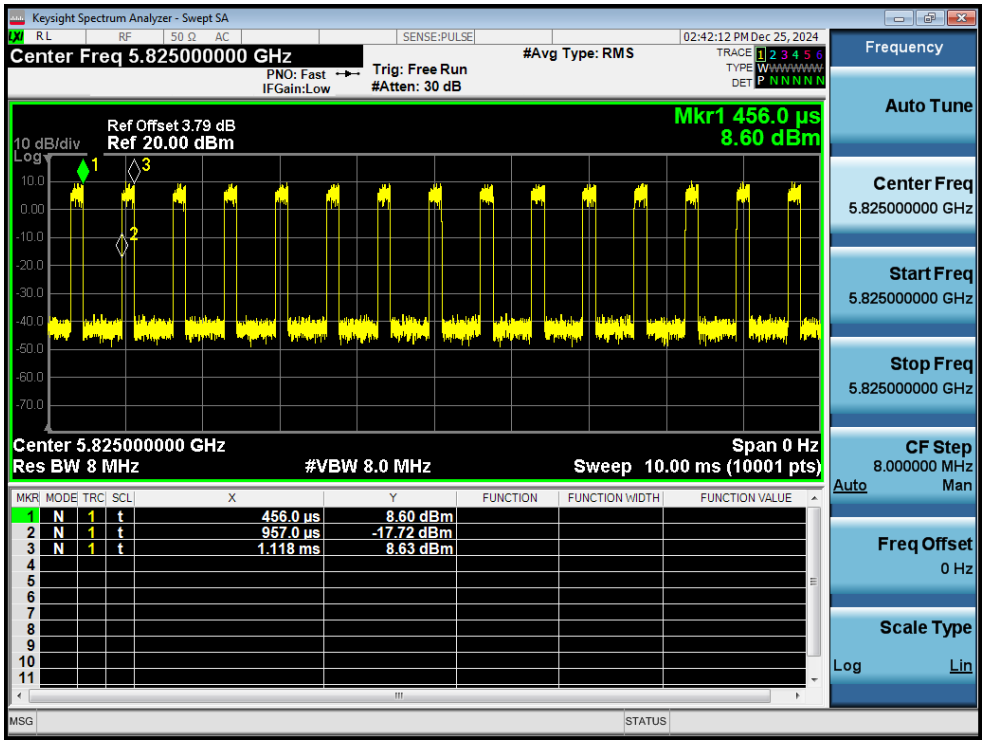
Duty Cycle NVNT n20 5825MHz Ant2



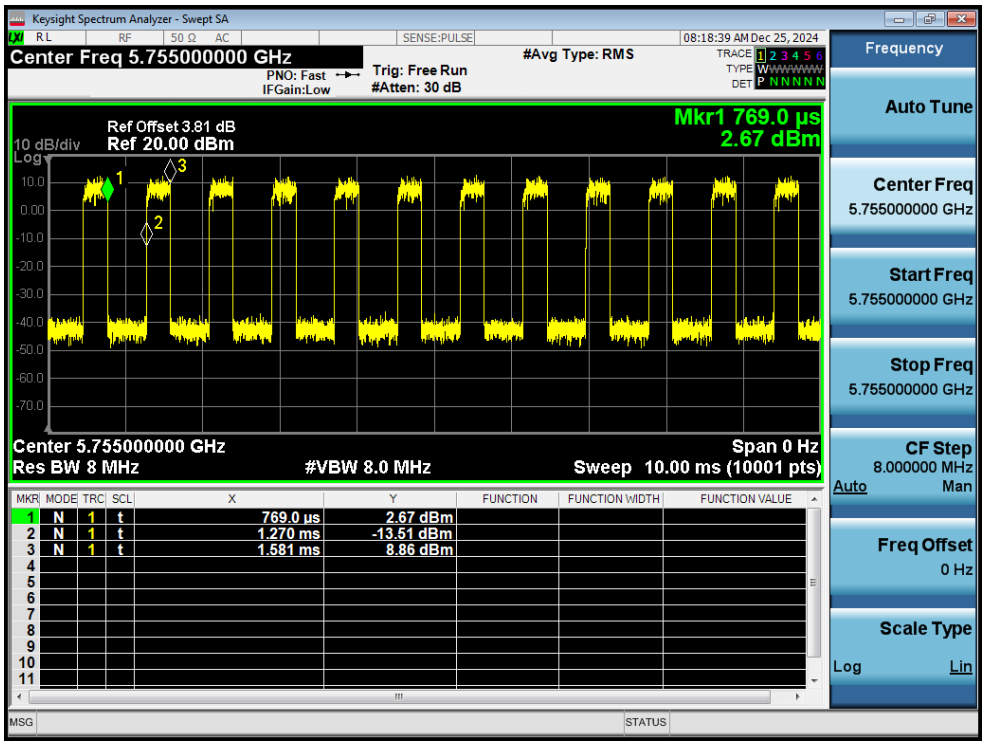
Duty Cycle NVNT n20 5745MHz Sum



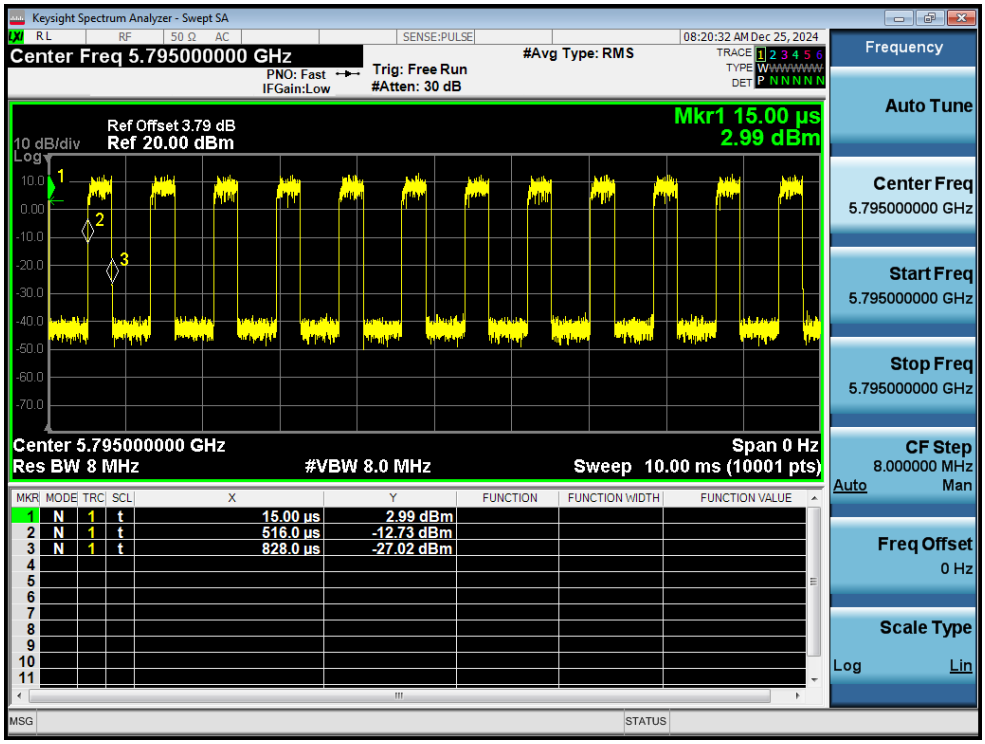
Duty Cycle NVNT n20 5785MHz Sum



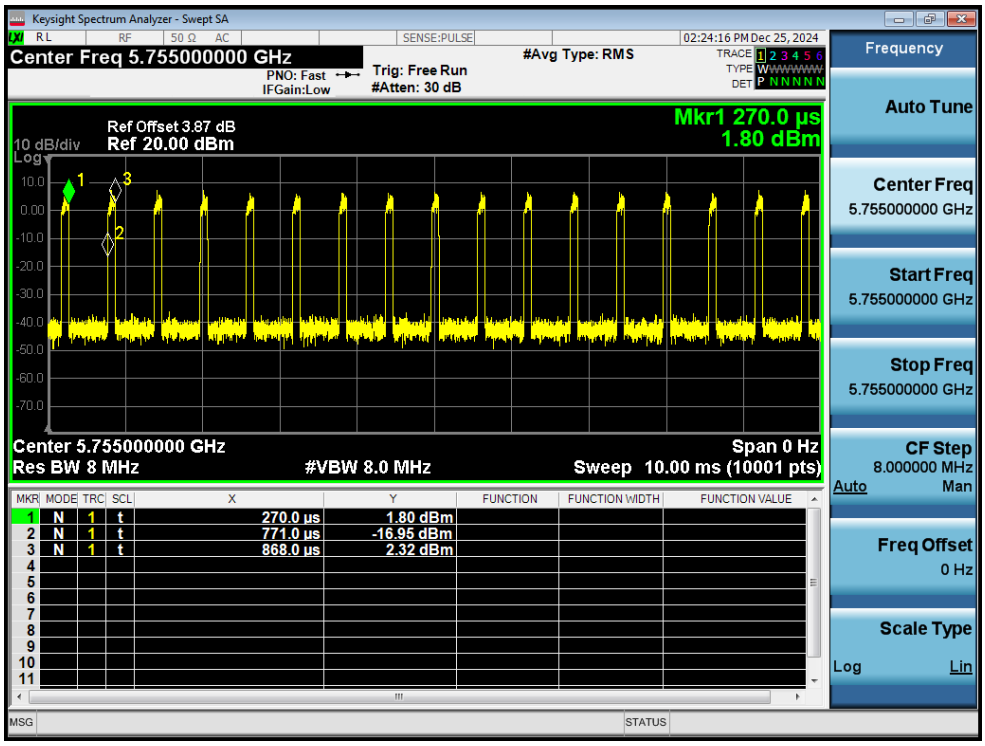
Duty Cycle NVNT n20 5825MHz Sum



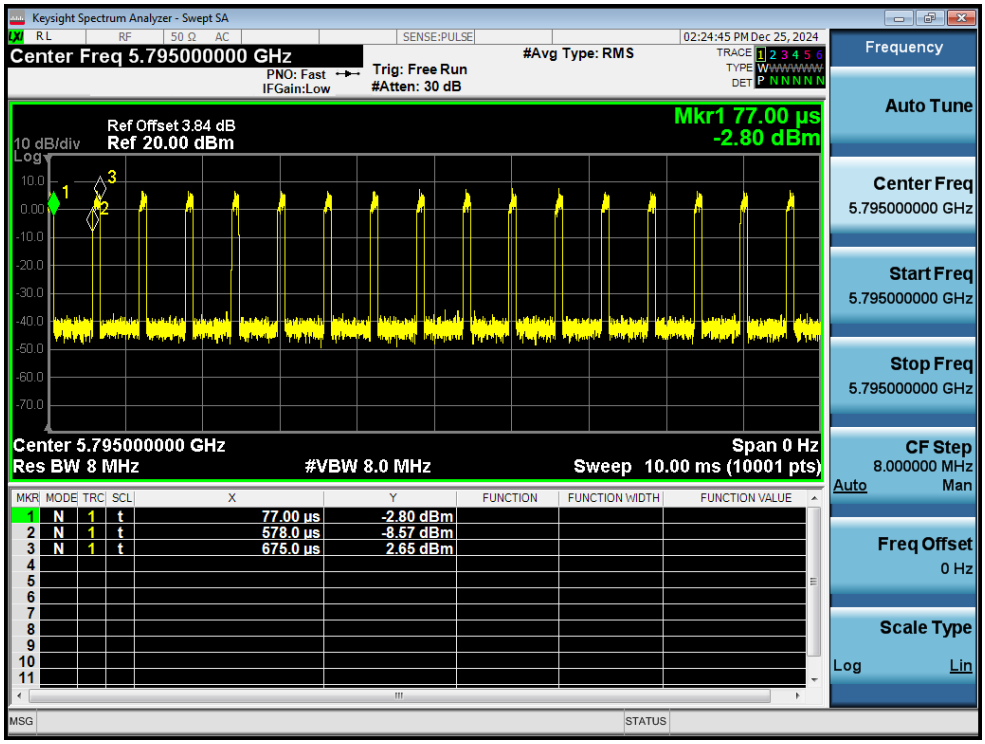
Duty Cycle NVNT n40 5755MHz Ant1



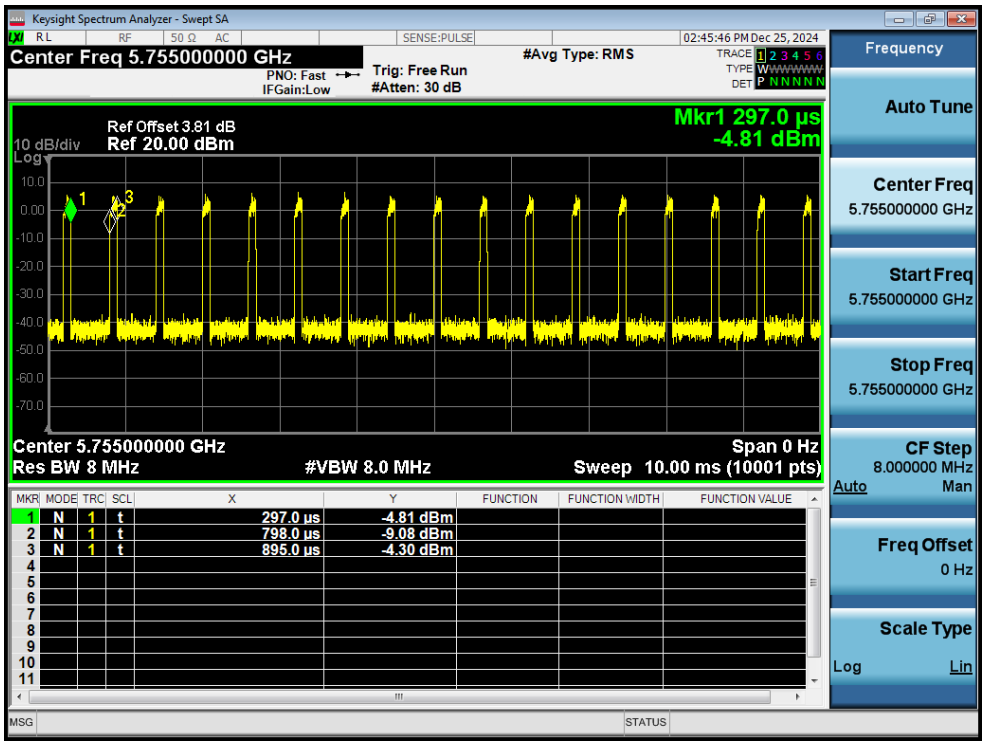
Duty Cycle NVNT n40 5795MHz Ant1



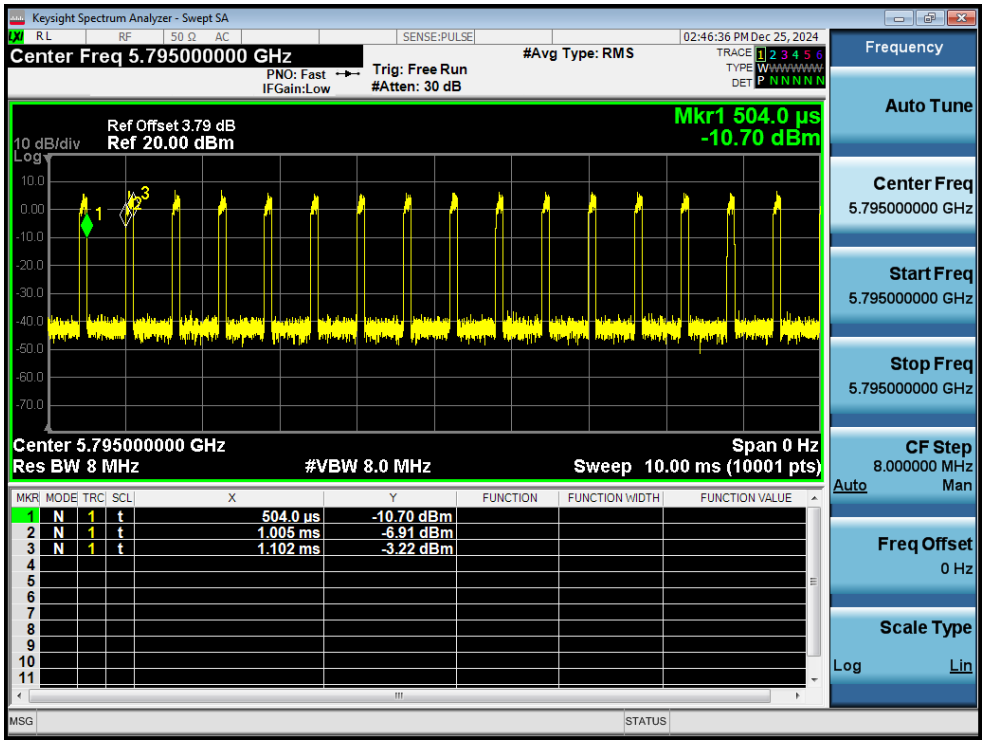
Duty Cycle NVNT n40 5755MHz Ant2



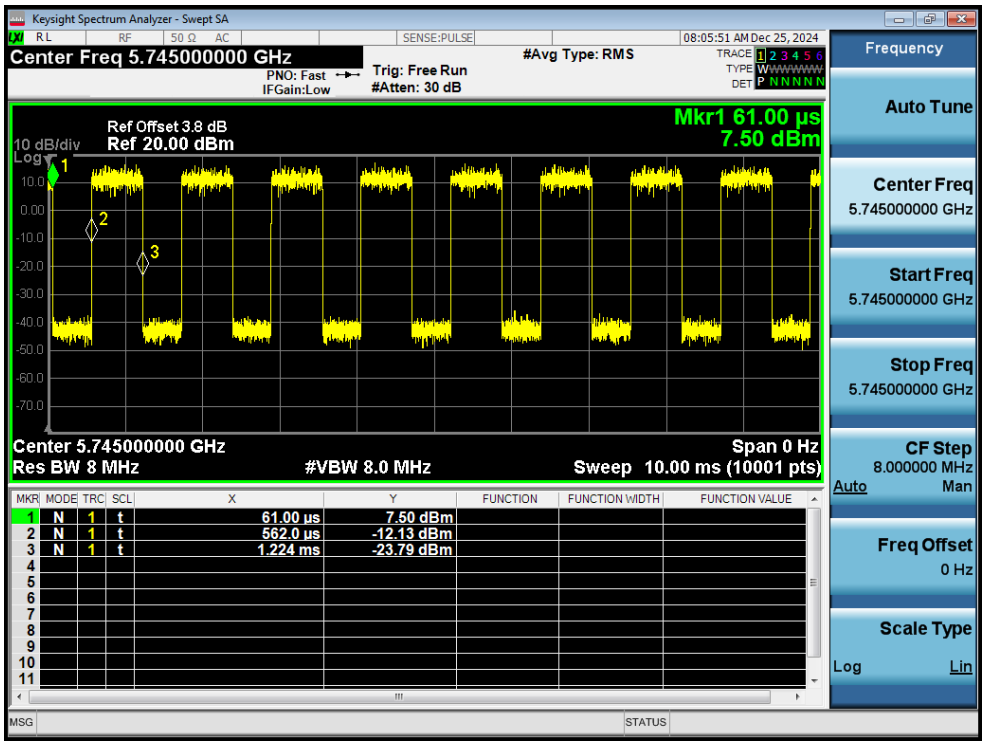
Duty Cycle NVNT n40 5795MHz Ant2



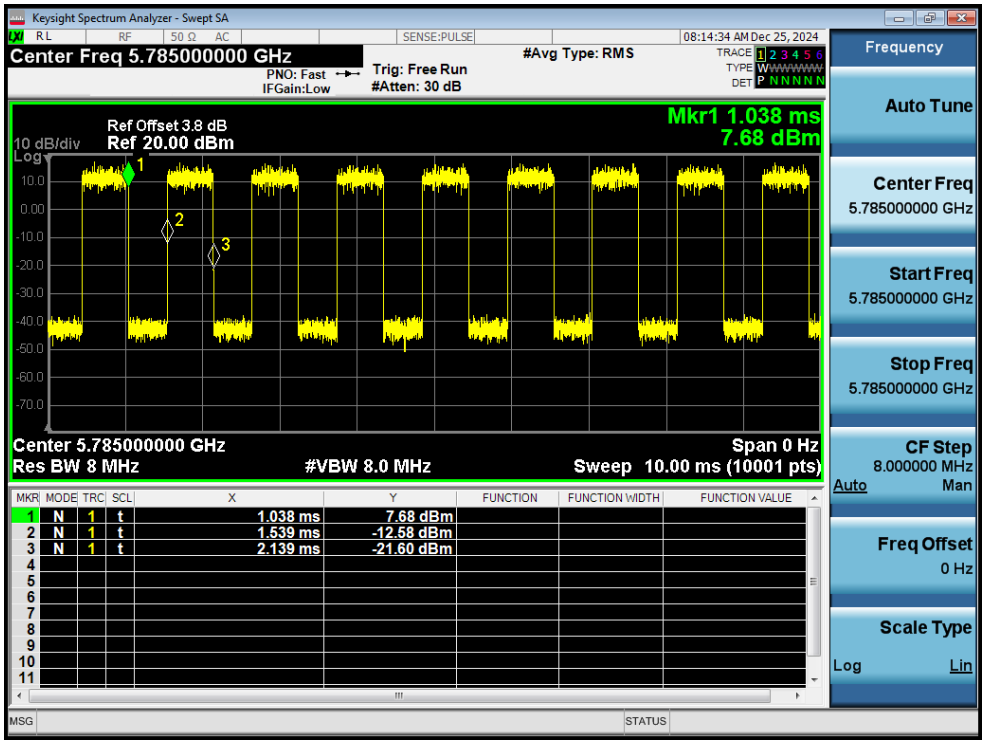
Duty Cycle NVNT n40 5755MHz Sum



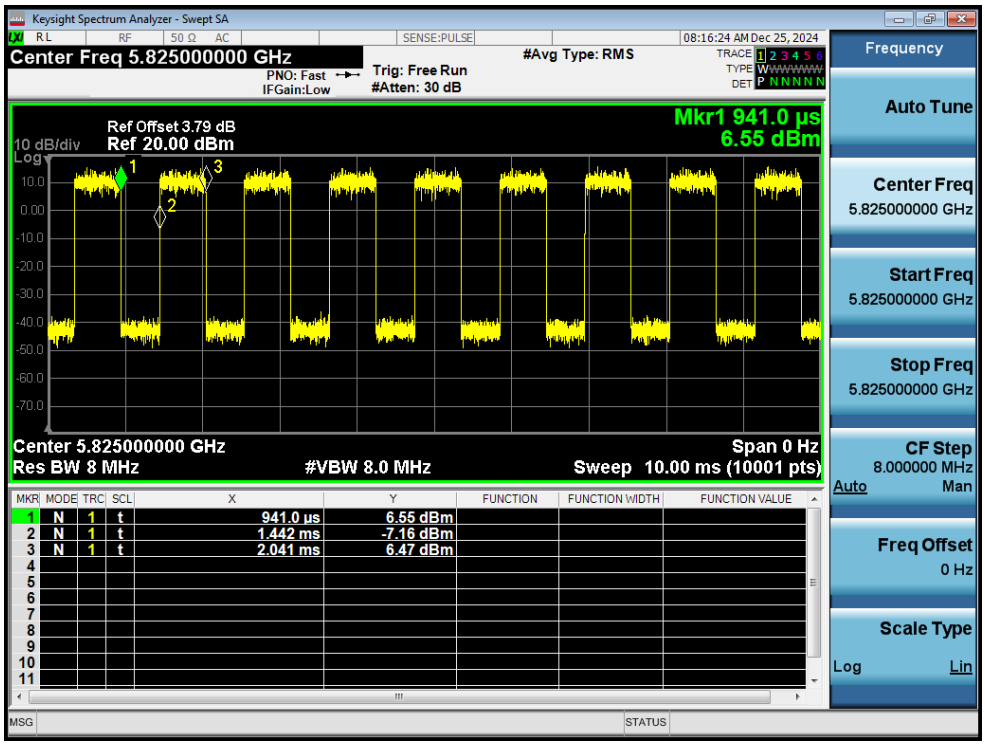
Duty Cycle NVNT n40 5795MHz Sum



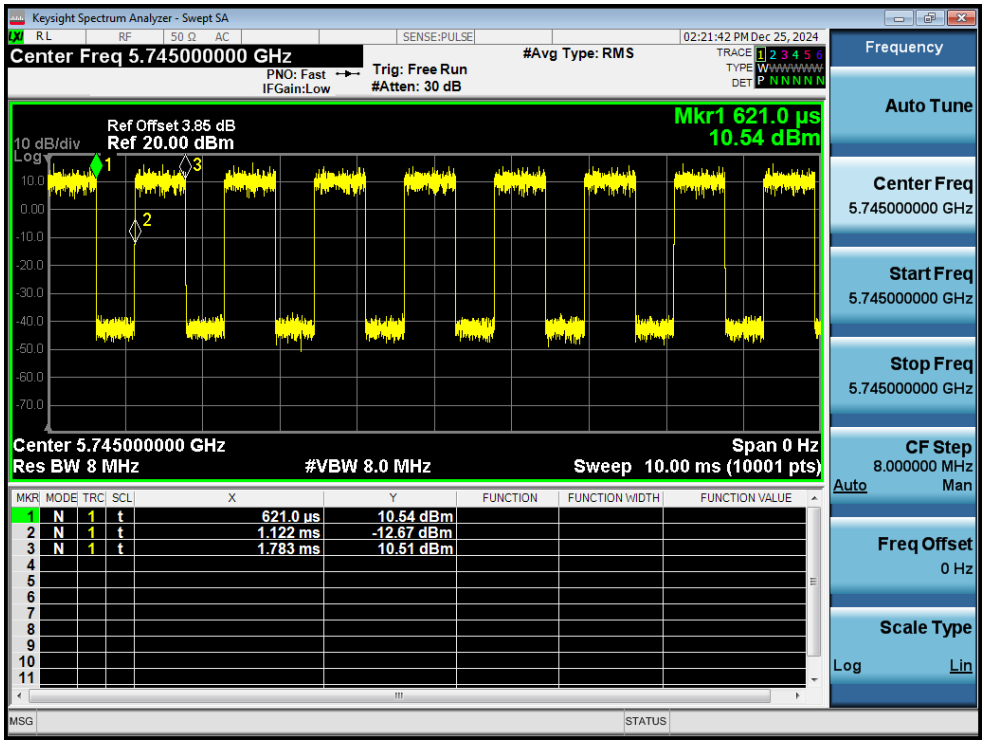
Duty Cycle NVNT ac20 5745MHz Ant1



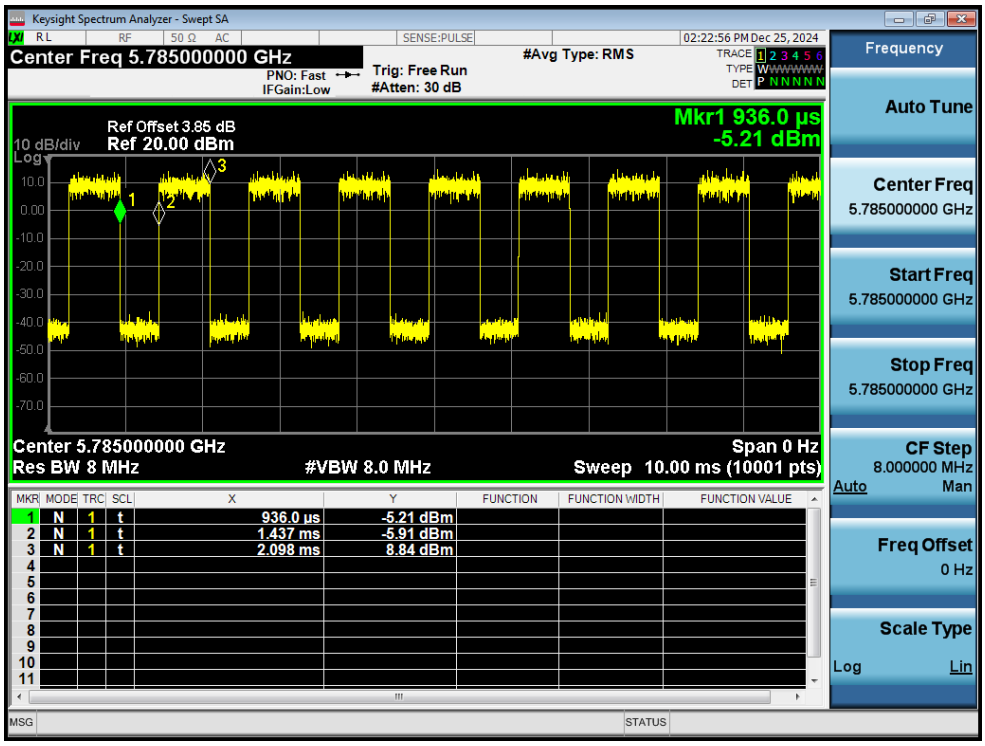
Duty Cycle NVNT ac20 5785MHz Ant1



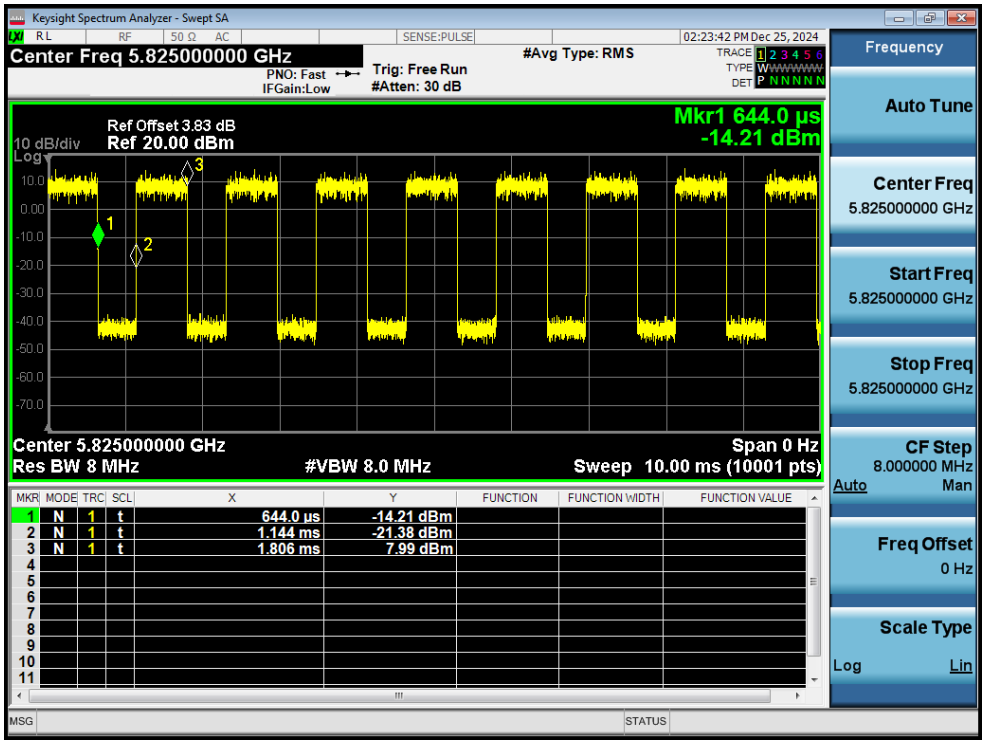
Duty Cycle NVNT ac20 5825MHz Ant1



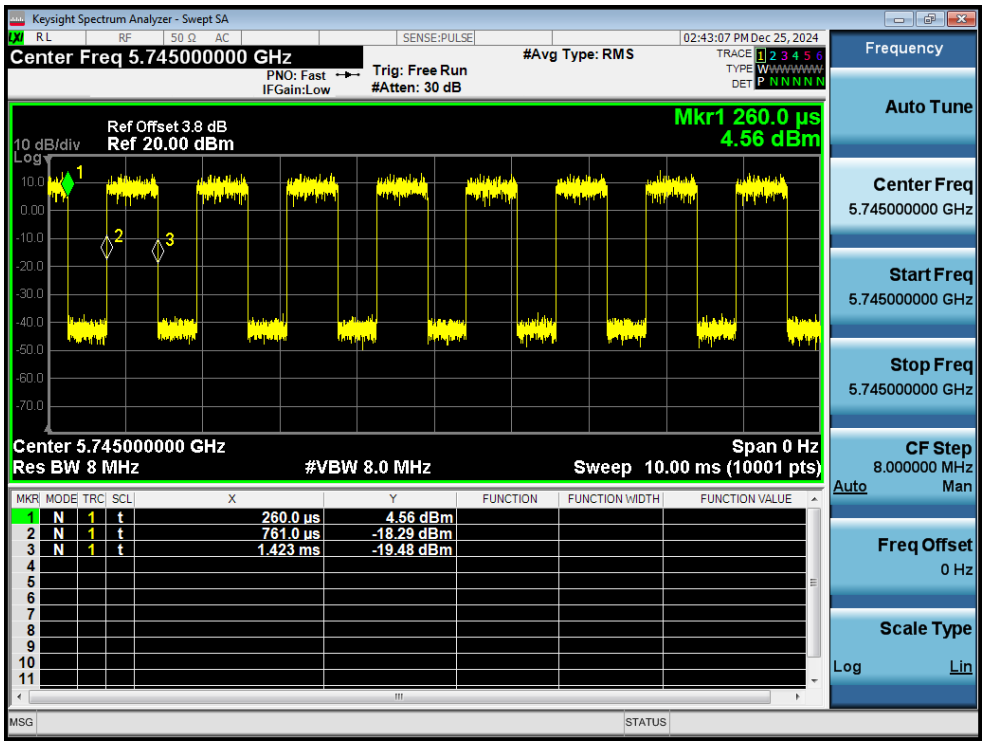
Duty Cycle NVNT ac20 5745MHz Ant2



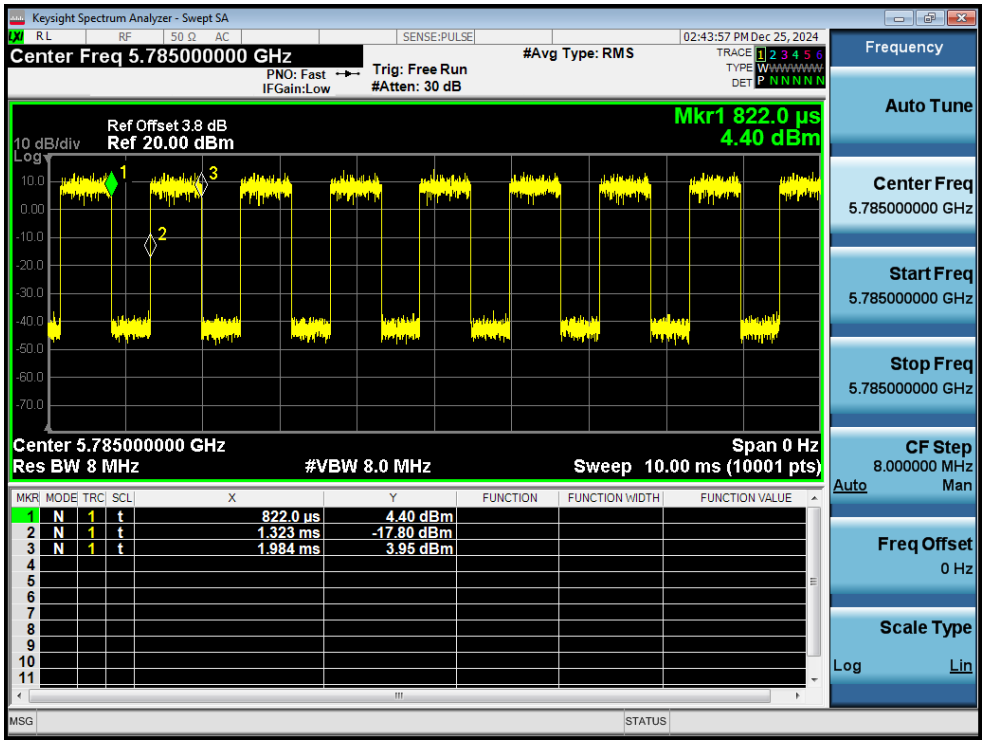
Duty Cycle NVNT ac20 5785MHz Ant2



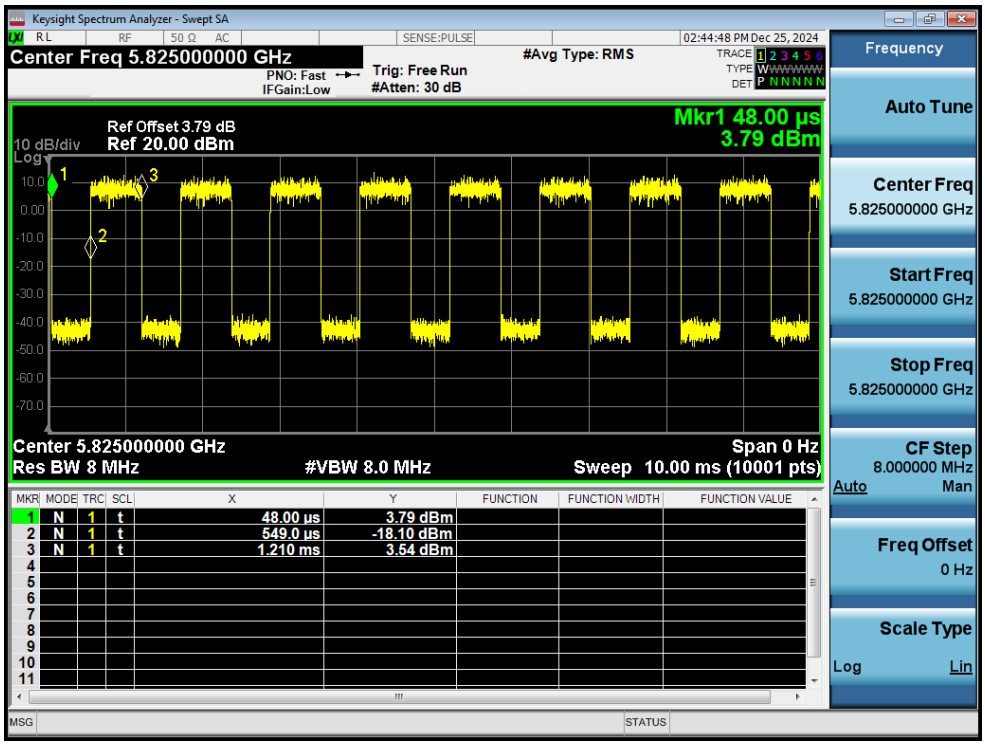
Duty Cycle NVNT ac20 5825MHz Ant2



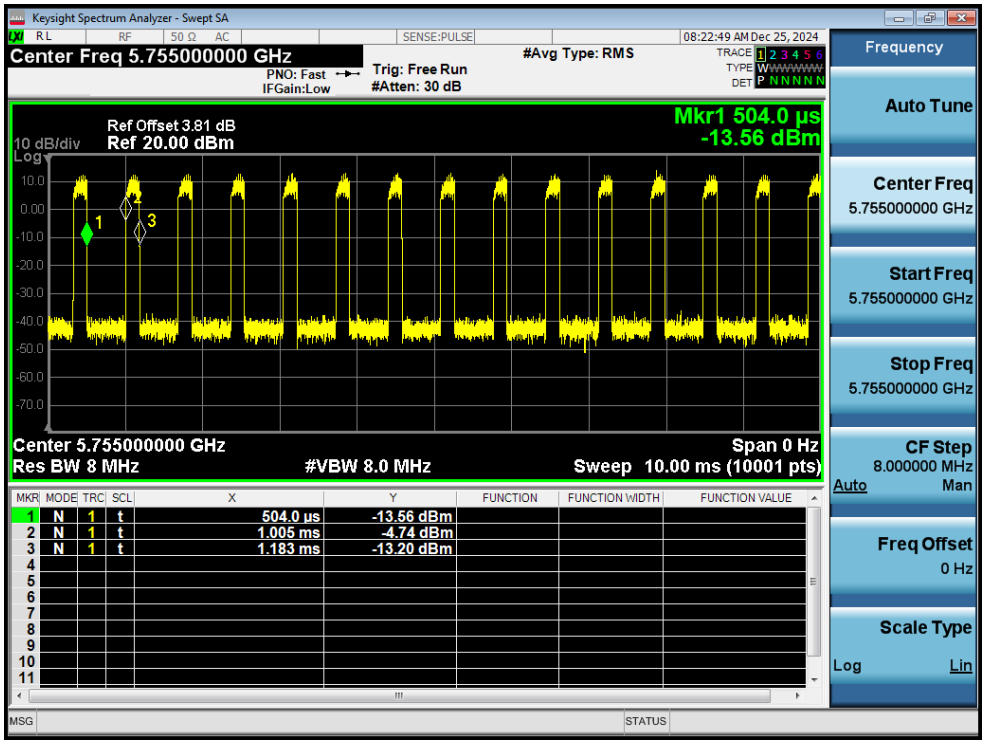
Duty Cycle NVNT ac20 5745MHz Sum



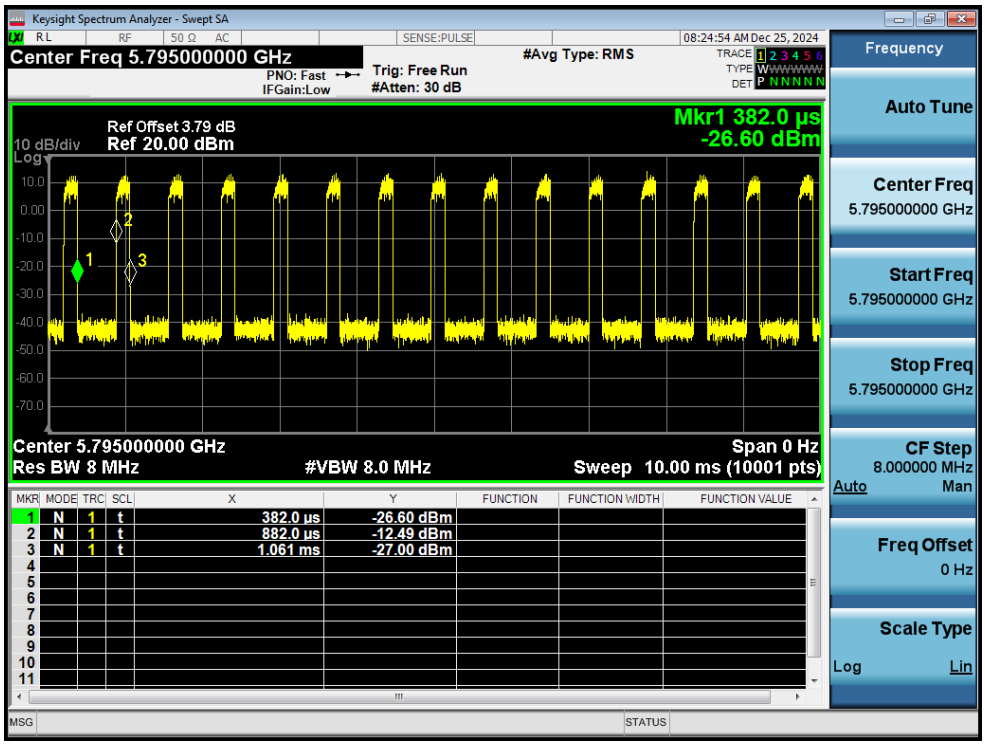
Duty Cycle NVNT ac20 5785MHz Sum



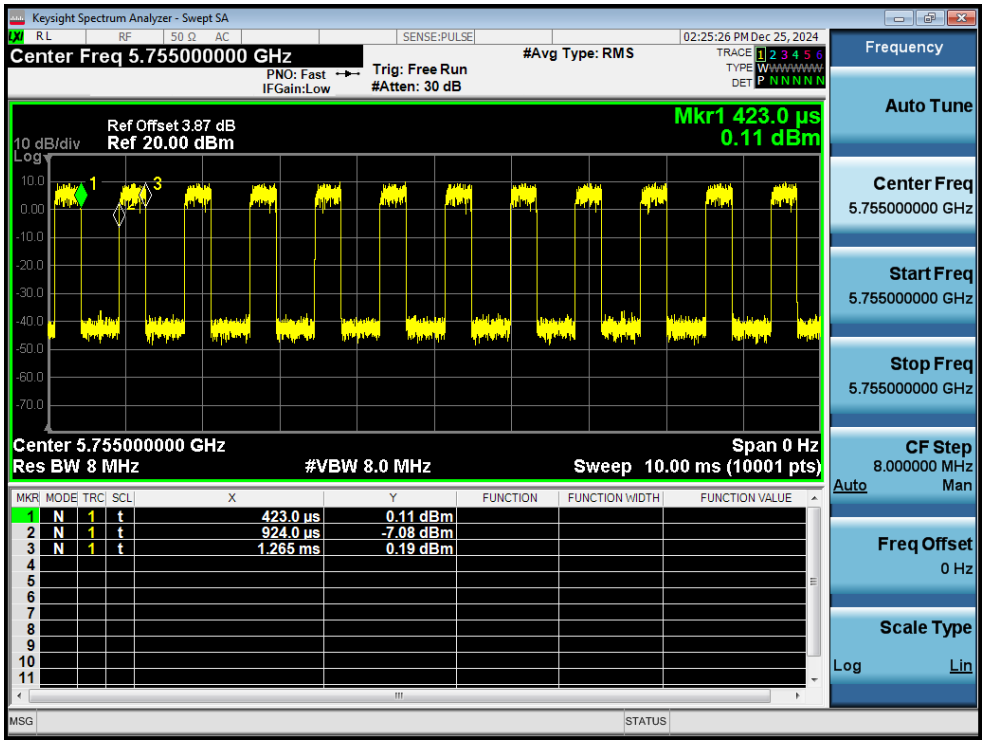
Duty Cycle NVNT ac20 5825MHz Sum



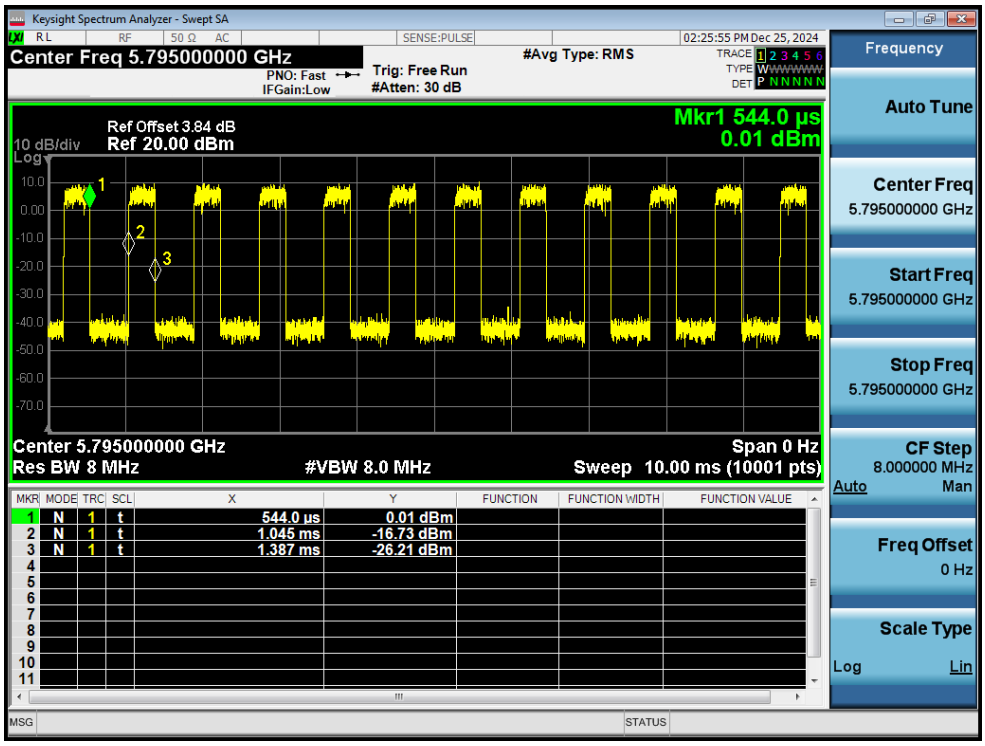
Duty Cycle NVNT ac40 5755MHz Ant1



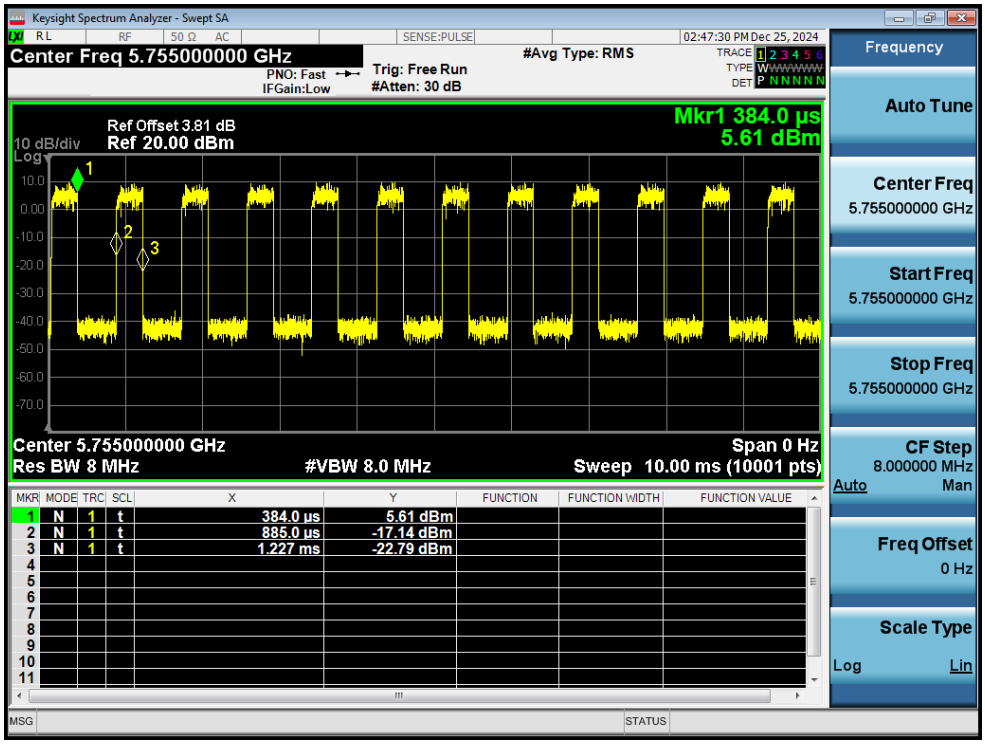
Duty Cycle NVNT ac40 5795MHz Ant1



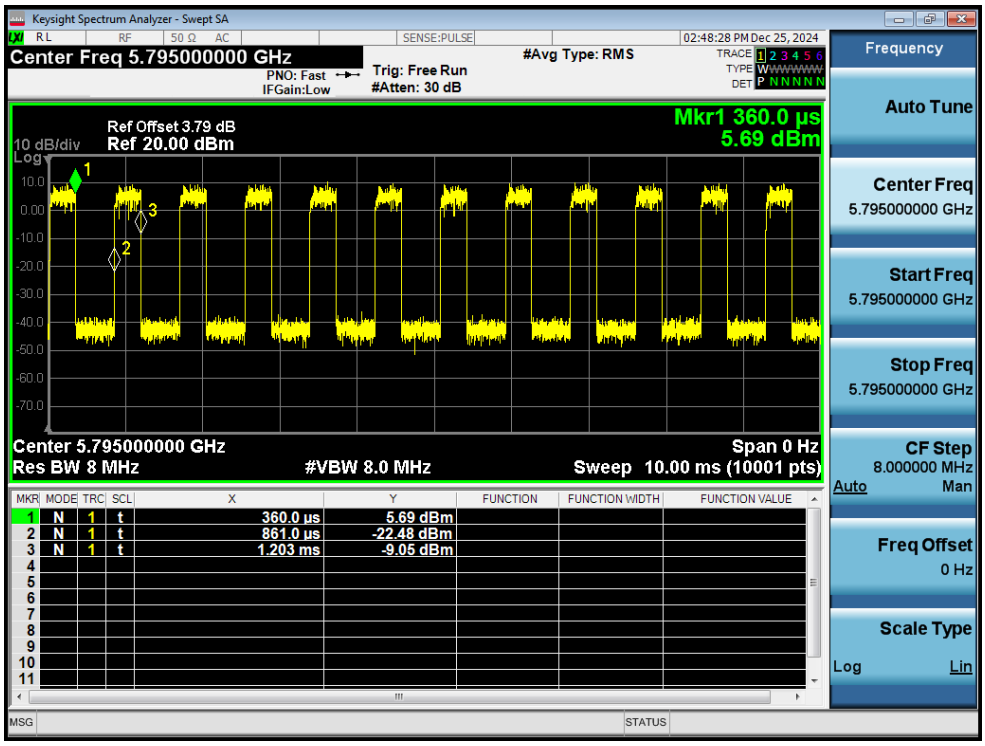
Duty Cycle NVNT ac40 5755MHz Ant2



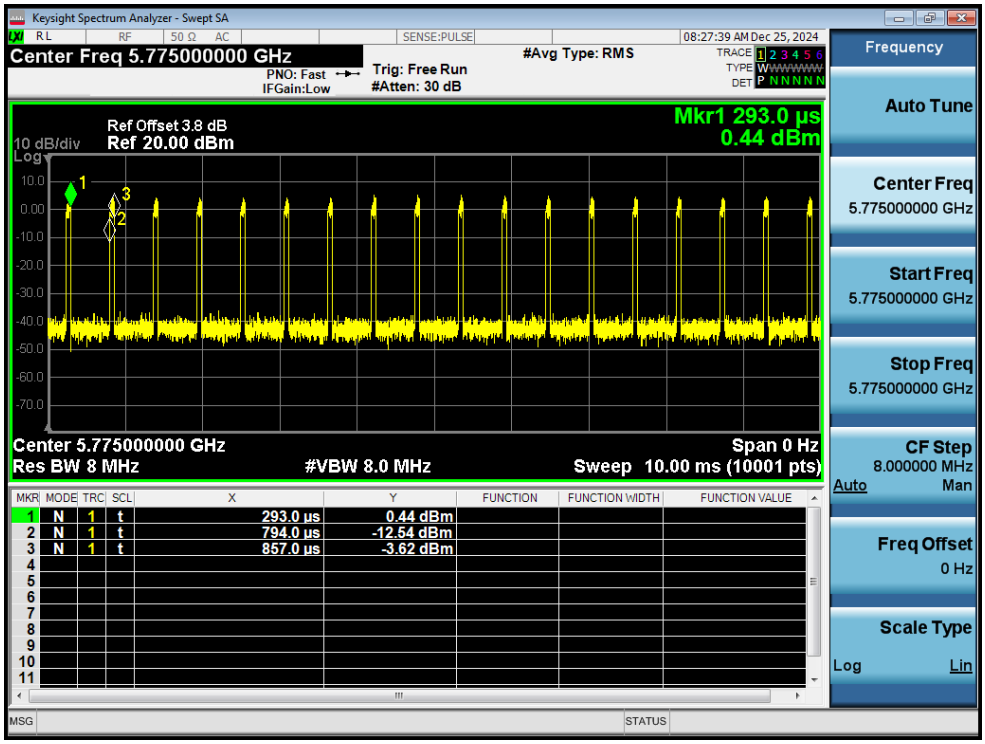
Duty Cycle NVNT ac40 5795MHz Ant2



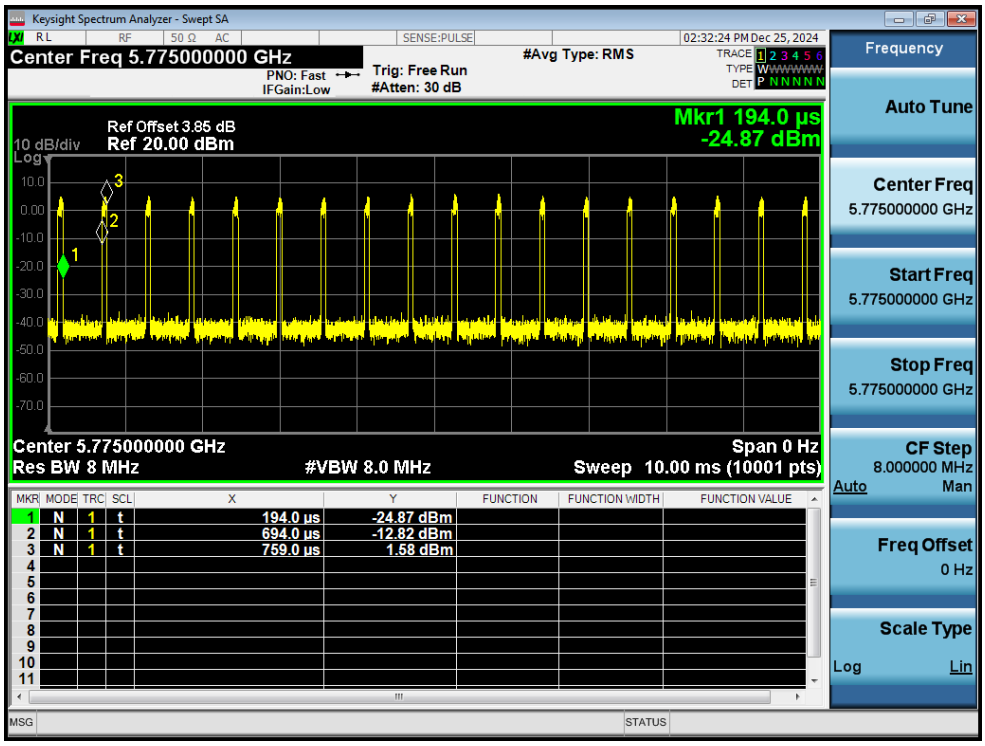
Duty Cycle NVNT ac40 5755MHz Sum



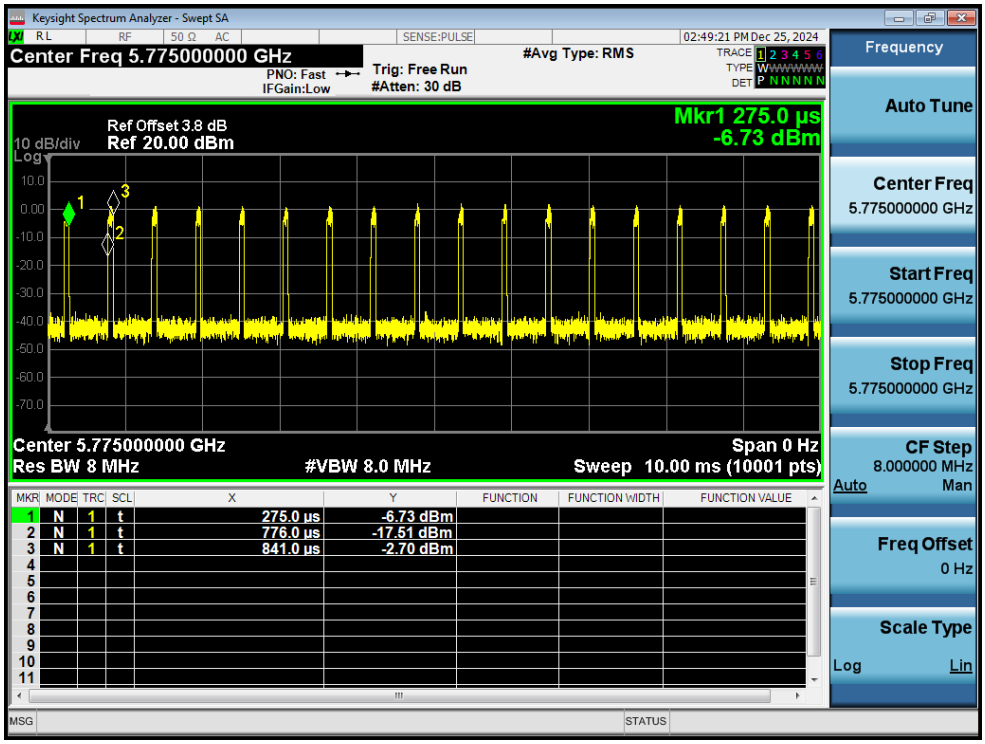
Duty Cycle NVNT ac40 5795MHz Sum



Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2



Duty Cycle NVNT ac80 5775MHz Sum

2. Maximum Conducted Output Power

SISO:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-2.29	5.88	3.59	30	Pass
NVNT	a	5785	Ant1	-1.89	5.88	3.99	30	Pass
NVNT	a	5825	Ant1	-1.47	5.89	4.42	30	Pass
NVNT	a	5745	Ant2	-1.18	5.91	4.73	30	Pass
NVNT	a	5785	Ant2	-0.91	5.91	5	30	Pass
NVNT	a	5825	Ant2	-1.45	5.89	4.44	30	Pass
NVNT	n20	5745	Ant1	-2.64	6.12	3.48	30	Pass
NVNT	n20	5785	Ant1	-2.46	6.14	3.68	30	Pass
NVNT	n20	5825	Ant1	-1.92	6.14	4.22	30	Pass
NVNT	n20	5745	Ant2	-1.24	6.11	4.87	30	Pass
NVNT	n20	5785	Ant2	-1.23	6.14	4.91	30	Pass
NVNT	n20	5825	Ant2	-1.93	6.14	4.21	30	Pass
NVNT	n40	5755	Ant1	-1.16	4.17	3.01	30	Pass
NVNT	n40	5795	Ant1	-0.78	4.16	3.38	30	Pass
NVNT	n40	5755	Ant2	-4.29	7.9	3.61	30	Pass
NVNT	n40	5795	Ant2	-3.66	7.9	4.24	30	Pass
NVNT	ac20	5745	Ant1	1.97	2.45	4.42	30	Pass
NVNT	ac20	5785	Ant1	1.52	2.64	4.16	30	Pass
NVNT	ac20	5825	Ant1	1.15	2.64	3.79	30	Pass
NVNT	ac20	5745	Ant2	1.49	2.45	3.94	30	Pass
NVNT	ac20	5785	Ant2	1.72	2.45	4.17	30	Pass
NVNT	ac20	5825	Ant2	0.92	2.44	3.36	30	Pass
NVNT	ac40	5755	Ant1	-1.57	5.81	4.24	30	Pass
NVNT	ac40	5795	Ant1	-1.4	5.79	4.39	30	Pass
NVNT	ac40	5755	Ant2	-0.45	3.93	3.48	30	Pass
NVNT	ac40	5795	Ant2	-0.04	3.92	3.88	30	Pass
NVNT	ac80	5775	Ant1	-6.76	9.52	2.76	30	Pass
NVNT	ac80	5775	Ant2	-6.31	9.39	3.08	30	Pass

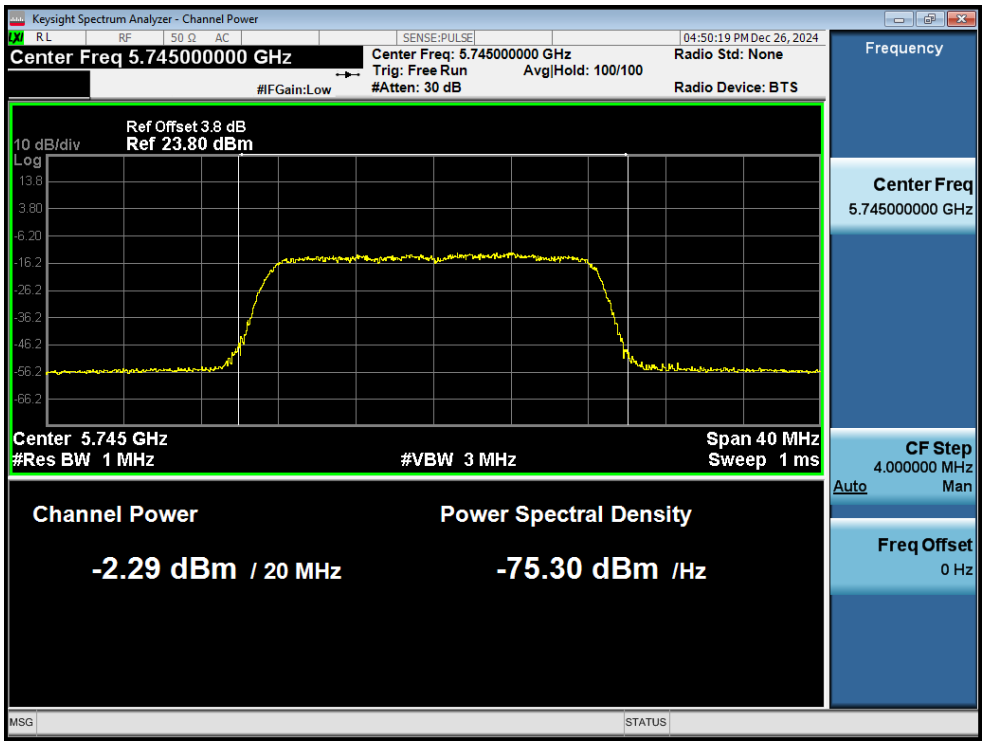
MIMO mode:

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	n20	5745	Ant1	-4.83	6.12	1.29	30	Pass
NVNT	n20	5745	Ant2	-4.82	6.12	1.3	30	Pass
NVNT	n20	5745	Sum	-1.81	6.12	4.31	30	Pass
NVNT	n20	5785	Ant1	-5.49	6.11	0.62	30	Pass
NVNT	n20	5785	Ant2	-4.86	6.11	1.25	30	Pass
NVNT	n20	5785	Sum	-2.15	6.11	3.96	30	Pass
NVNT	n20	5825	Ant1	-5.53	6.14	0.61	30	Pass
NVNT	n20	5825	Ant2	-5.19	6.14	0.95	30	Pass
NVNT	n20	5825	Sum	-2.35	6.14	3.79	30	Pass
NVNT	n40	5755	Ant1	-7.24	7.9	0.66	30	Pass
NVNT	n40	5755	Ant2	-6.81	7.9	1.09	30	Pass
NVNT	n40	5755	Sum	-4.01	7.9	3.89	30	Pass
NVNT	n40	5795	Ant1	-7.07	7.9	0.83	30	Pass
NVNT	n40	5795	Ant2	-6.29	7.9	1.61	30	Pass
NVNT	n40	5795	Sum	-3.65	7.9	4.25	30	Pass
NVNT	ac20	5745	Ant1	-1.05	2.45	1.4	30	Pass
NVNT	ac20	5745	Ant2	-0.11	2.45	2.34	30	Pass
NVNT	ac20	5745	Sum	2.46	2.45	4.91	30	Pass
NVNT	ac20	5785	Ant1	-0.97	2.45	1.48	30	Pass
NVNT	ac20	5785	Ant2	-0.46	2.45	1.99	30	Pass
NVNT	ac20	5785	Sum	2.3	2.45	4.75	30	Pass
NVNT	ac20	5825	Ant1	-1.2	2.45	1.25	30	Pass
NVNT	ac20	5825	Ant2	-1.19	2.45	1.26	30	Pass
NVNT	ac20	5825	Sum	1.82	2.45	4.27	30	Pass
NVNT	ac40	5755	Ant1	-2.63	3.92	1.29	30	Pass
NVNT	ac40	5755	Ant2	-2.39	3.92	1.53	30	Pass
NVNT	ac40	5755	Sum	0.5	3.92	4.42	30	Pass
NVNT	ac40	5795	Ant1	-2.8	3.92	1.12	30	Pass
NVNT	ac40	5795	Ant2	-2.3	3.92	1.62	30	Pass
NVNT	ac40	5795	Sum	0.47	3.92	4.39	30	Pass
NVNT	ac80	5775	Ant1	-9.37	9.4	0.03	30	Pass
NVNT	ac80	5775	Ant2	-8.77	9.4	0.63	30	Pass
NVNT	ac80	5775	Sum	-6.05	9.4	3.35	30	Pass

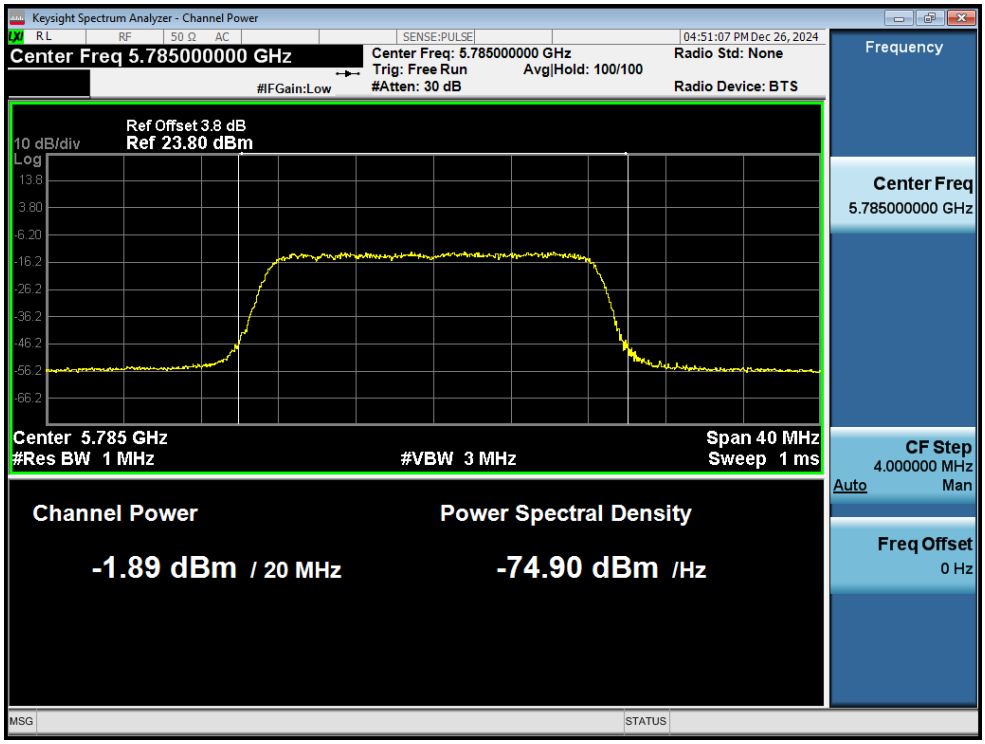
Note1: Sum Power (mW) = Ant.1 Power (mW) + Ant.2 Power (mW)

Note2: Total Power = Conducted Power + Duty Factor

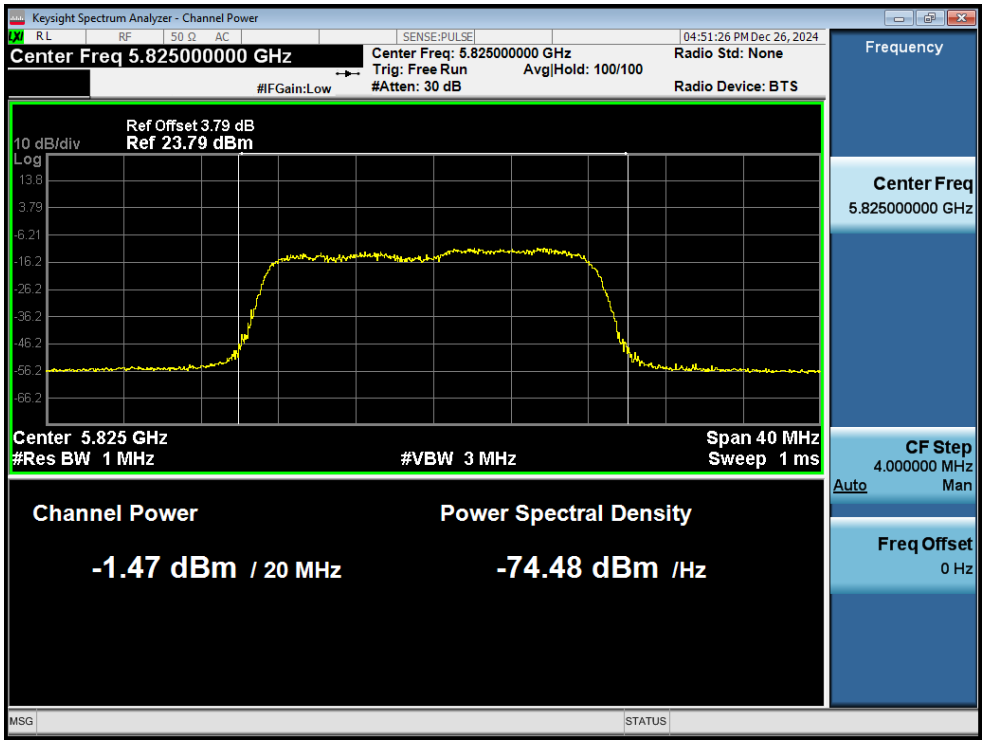
SISO:



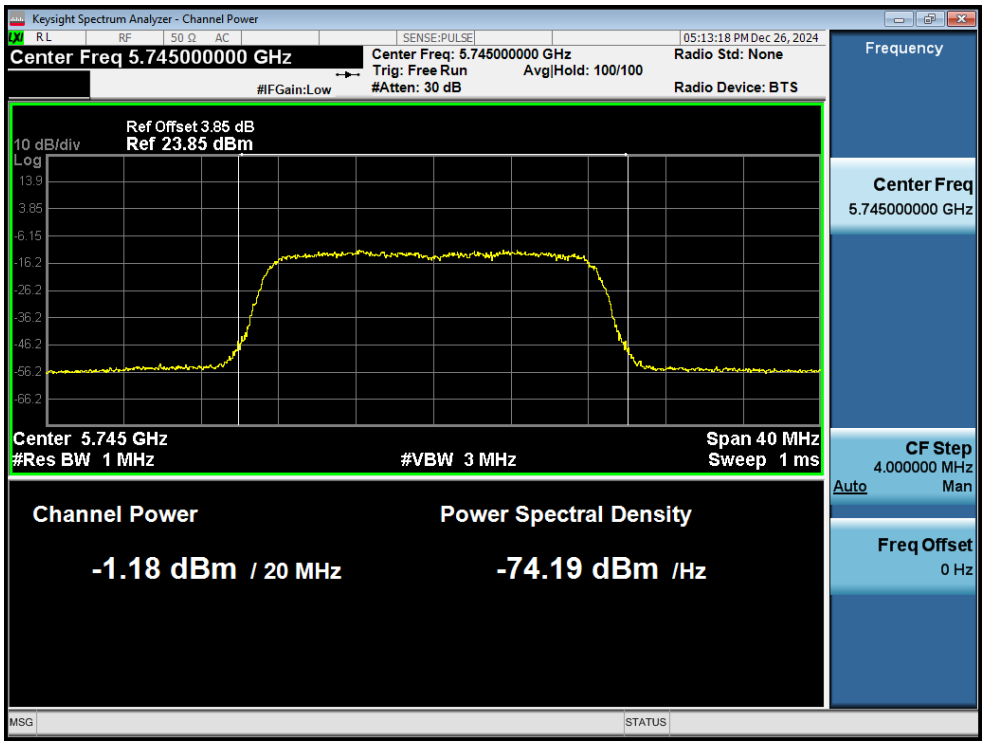
Power NVNT a 5745MHz Ant1



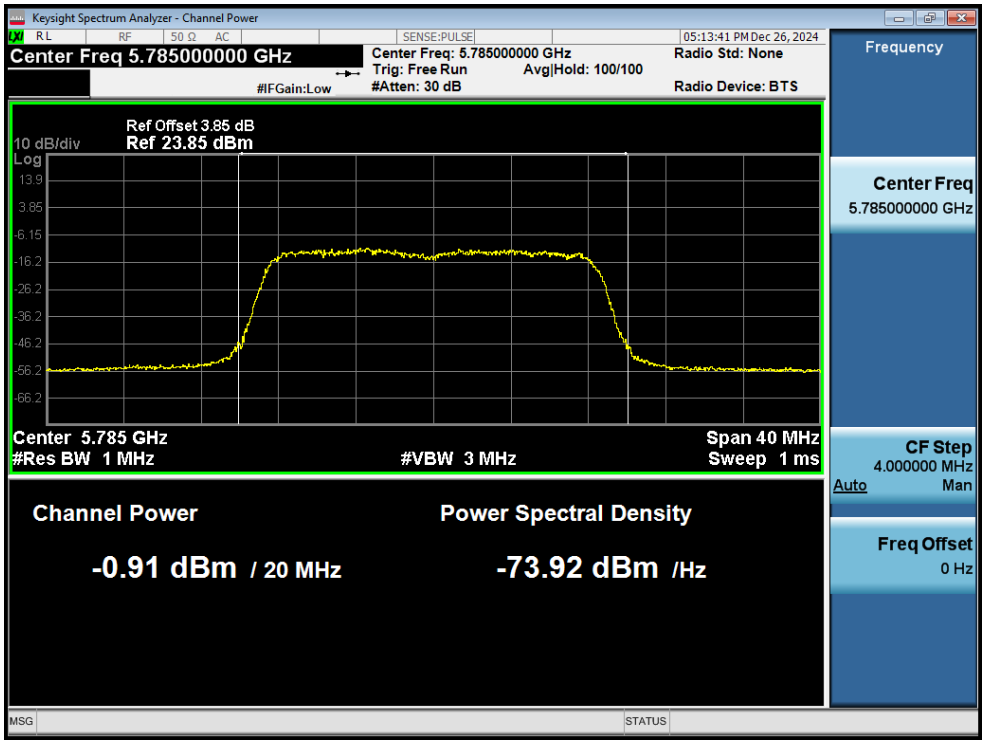
Power NVNT a 5785MHz Ant1



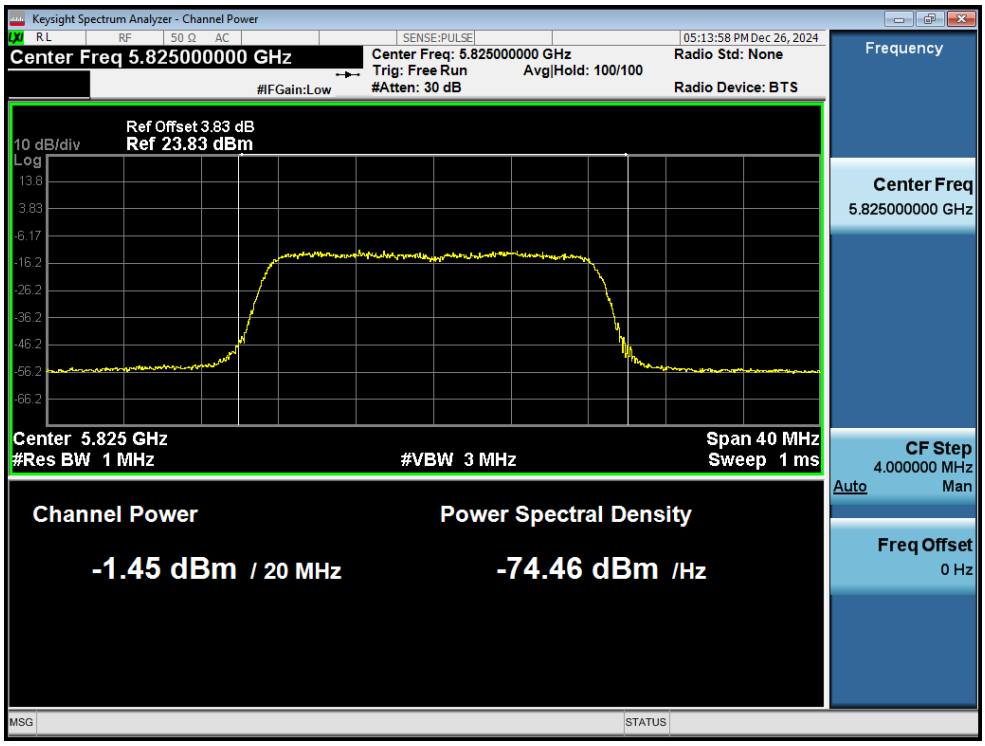
Power NVNT a 5825MHz Ant1



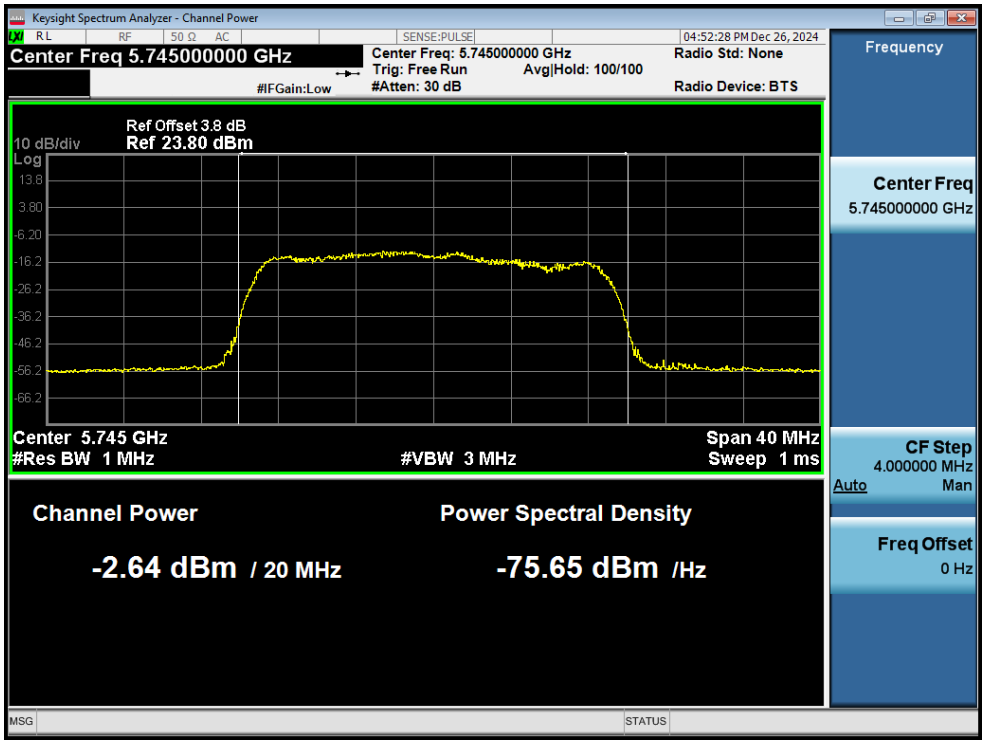
Power NVNT a 5745MHz Ant2



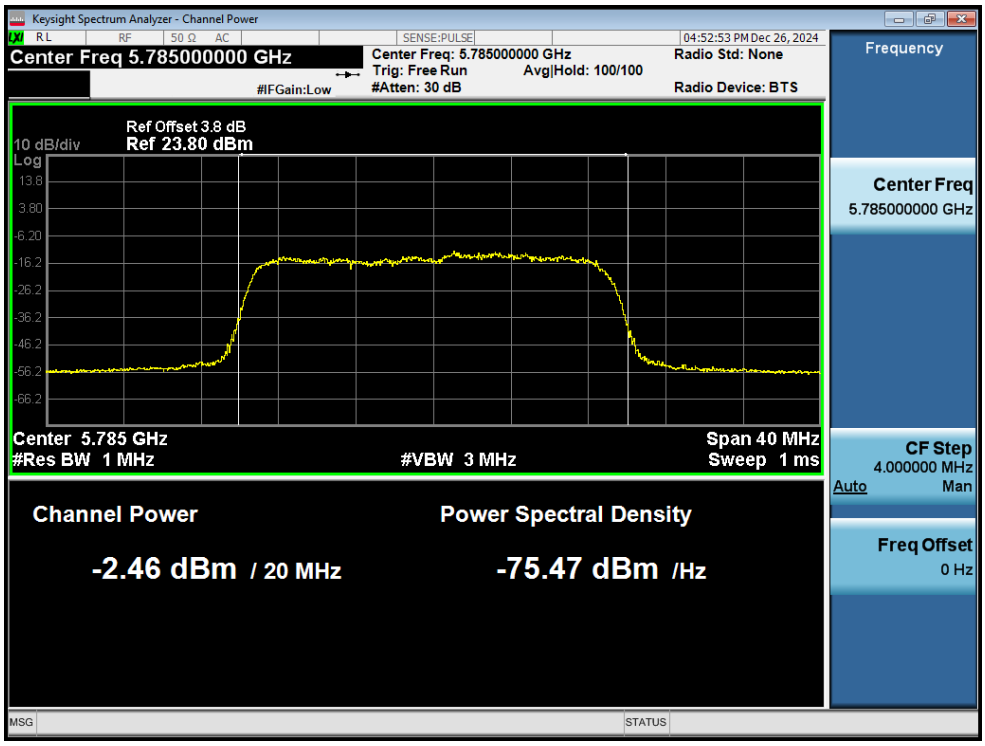
Power NVNT a 5785MHz Ant2



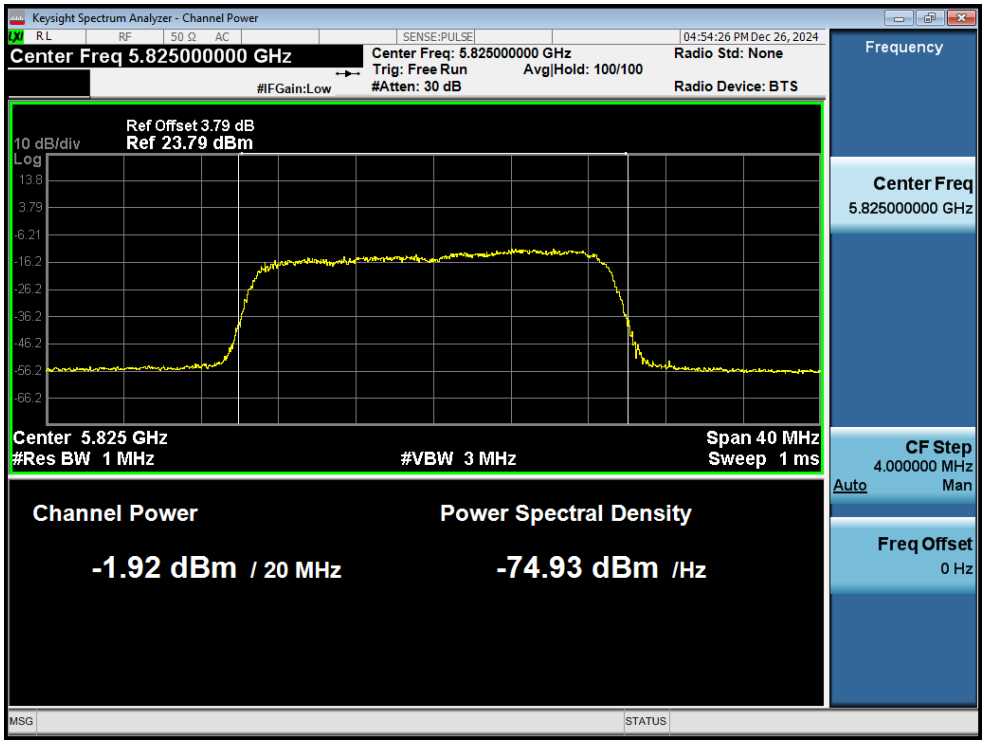
Power NVNT a 5825MHz Ant2



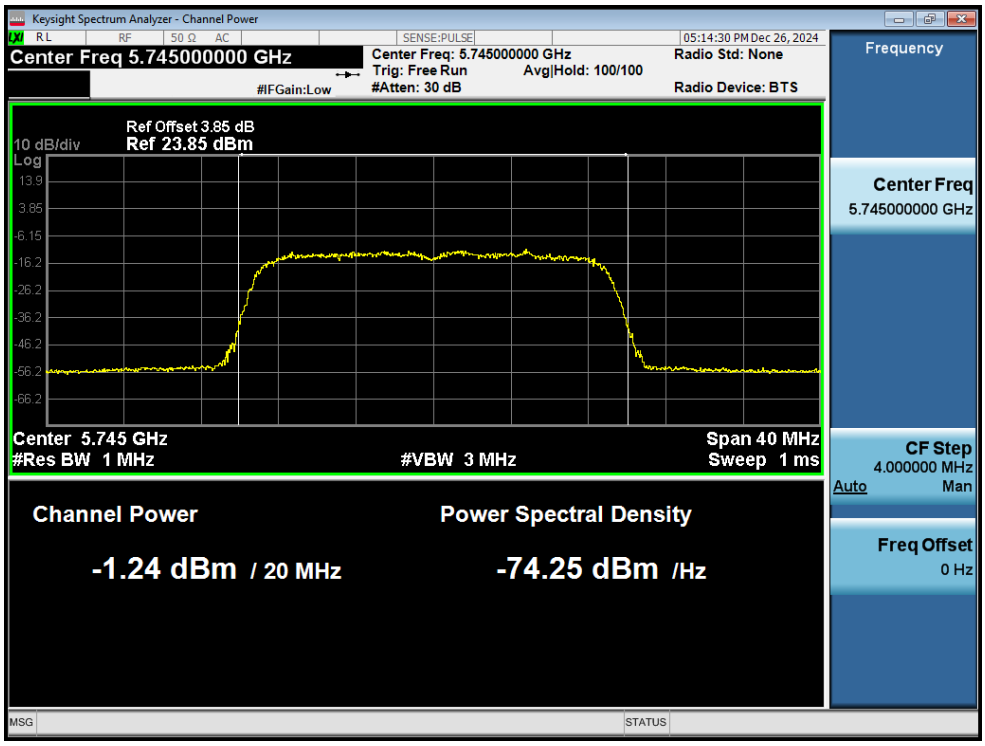
Power NVNT n20 5745MHz Ant1



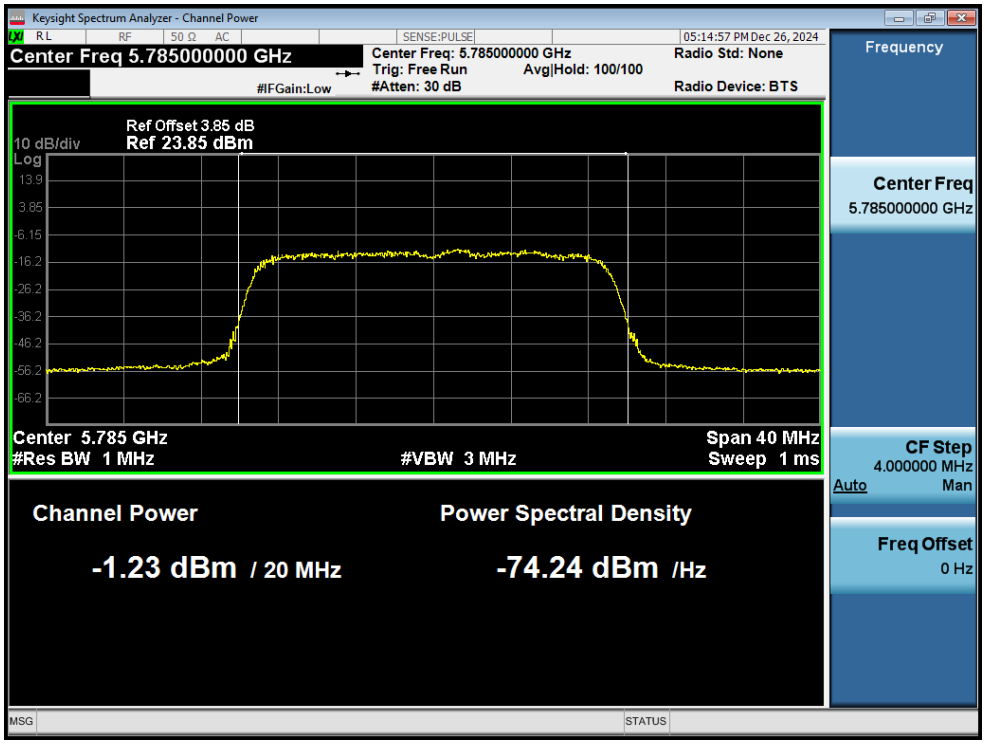
Power NVNT n20 5785MHz Ant1



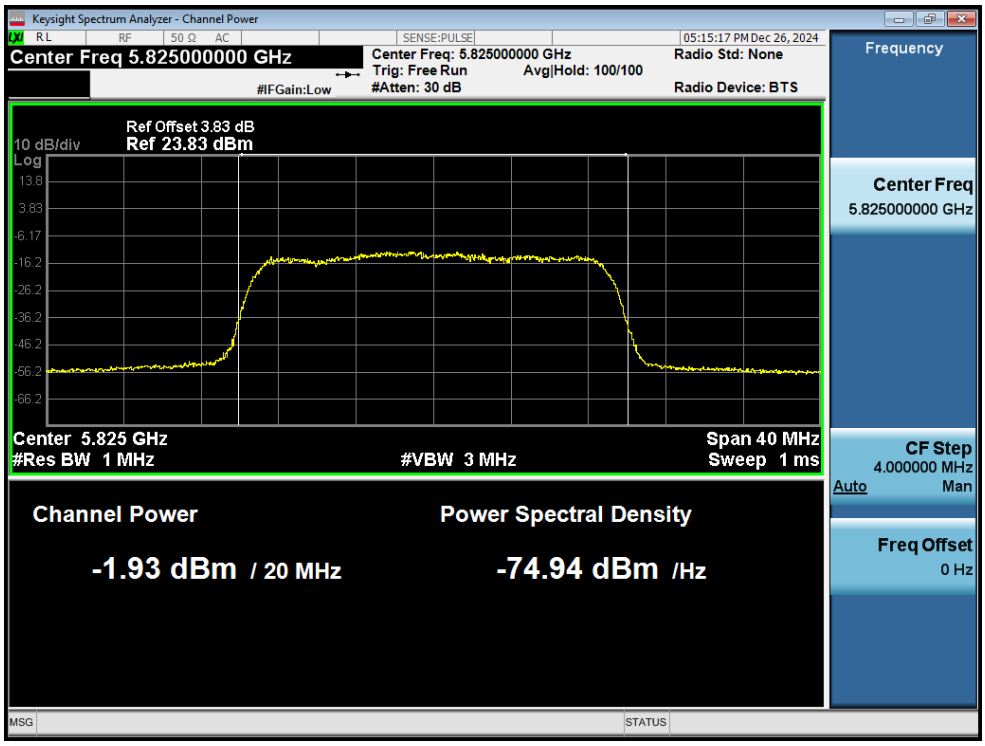
Power NVNT n20 5825MHz Ant1



Power NVNT n20 5745MHz Ant2

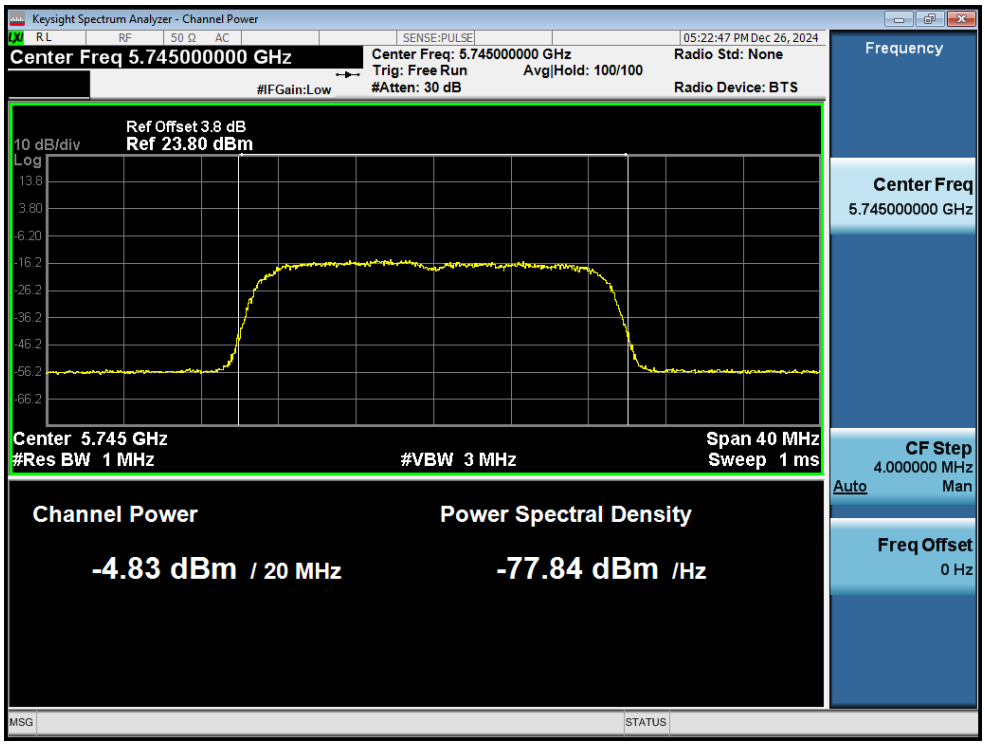


Power NVNT n20 5785MHz Ant2

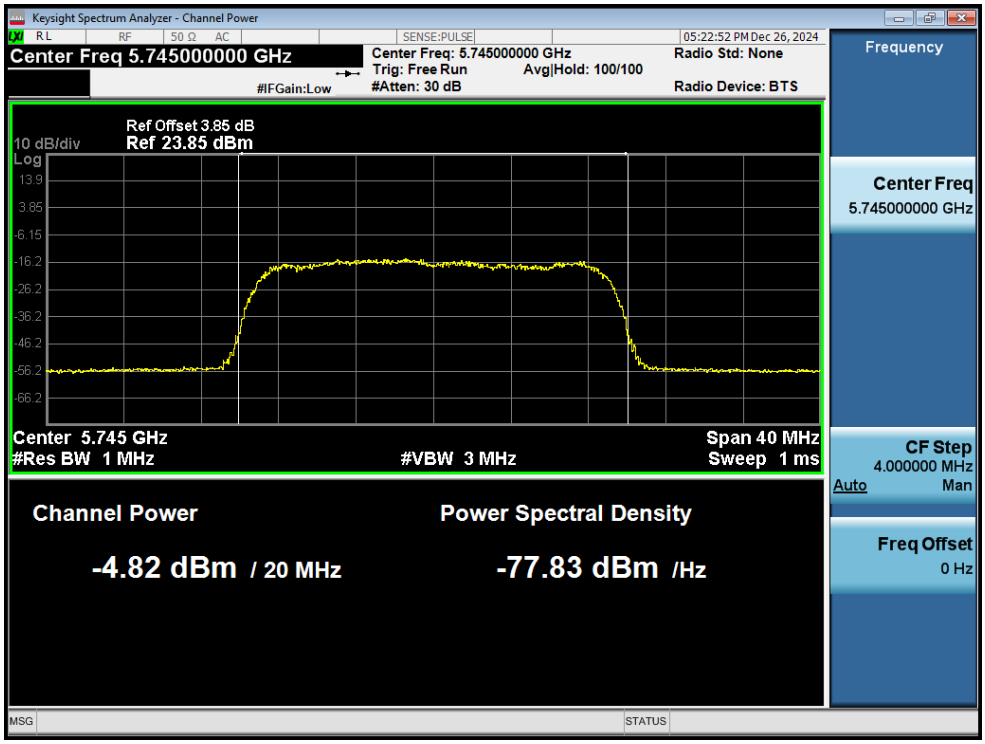


Power NVNT n20 5825MHz Ant2

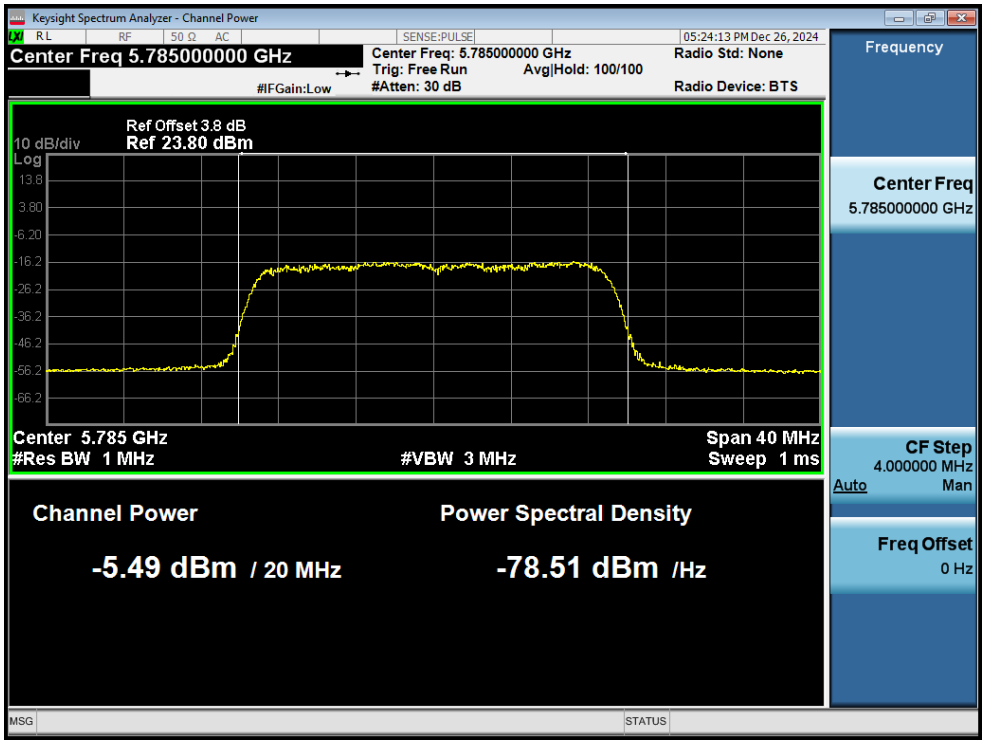
MIMO mode:



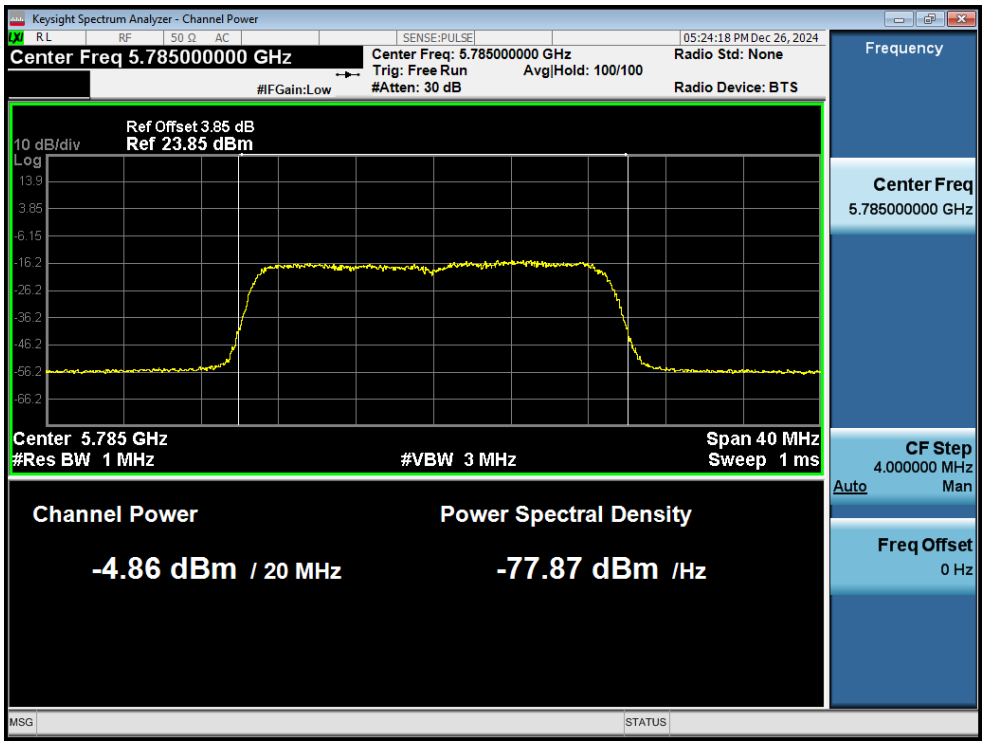
Power NVNT n20 5745MHz Ant1



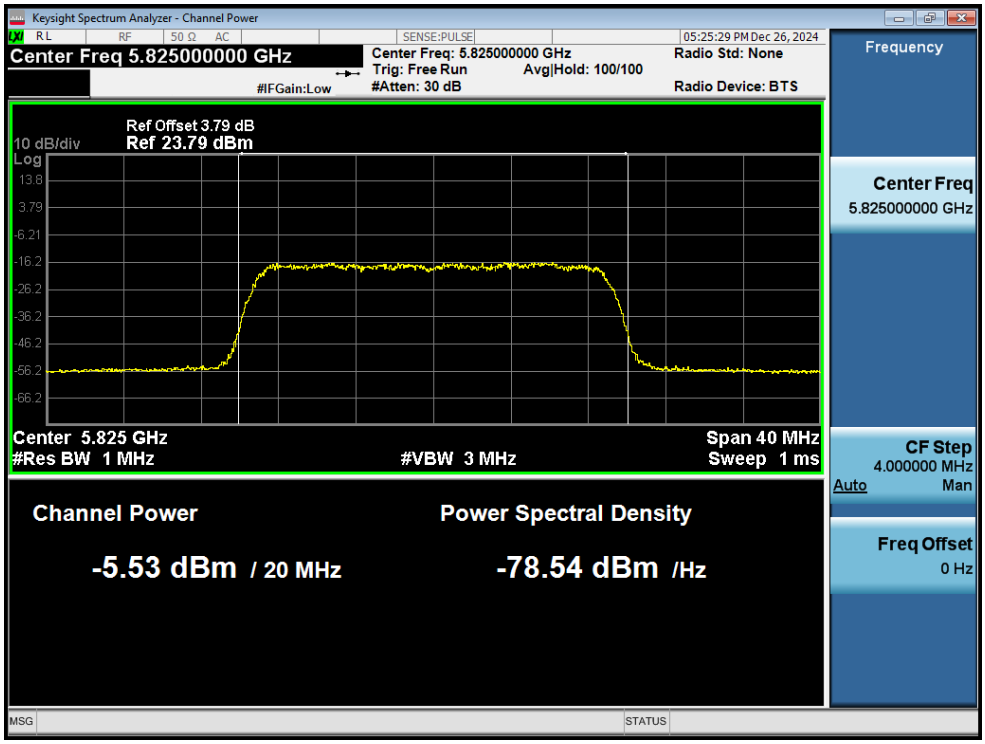
Power NVNT n20 5745MHz Ant2



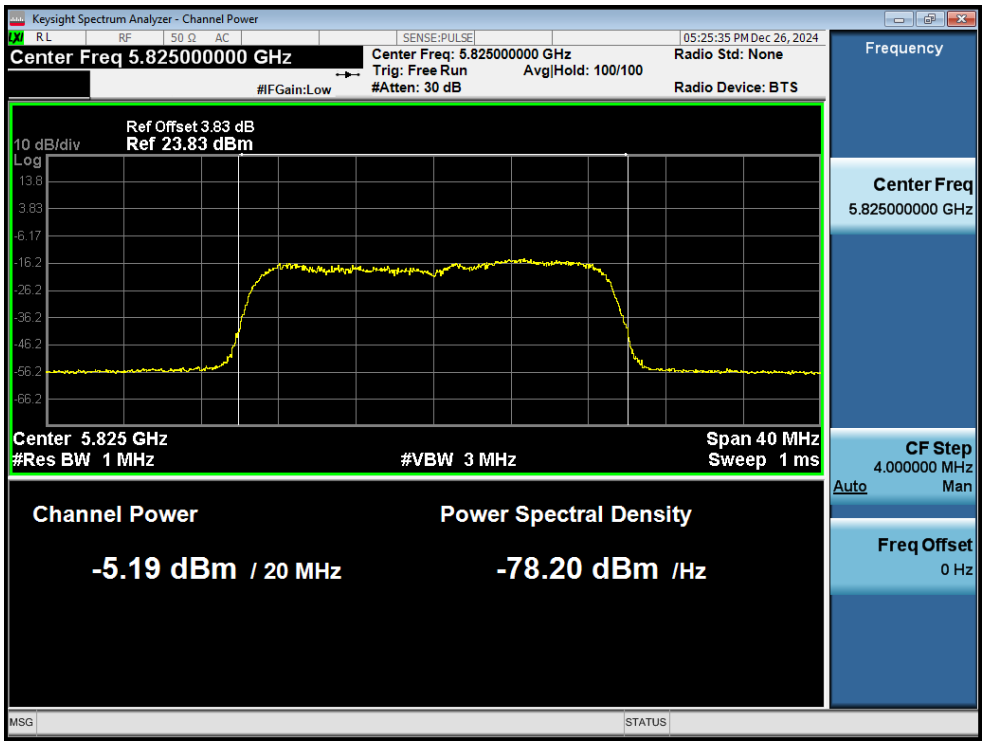
Power NVNT n20 5785MHz Ant1



Power NVNT n20 5785MHz Ant2



Power NVNT n20 5825MHz Ant1



Power NVNT n20 5825MHz Ant2

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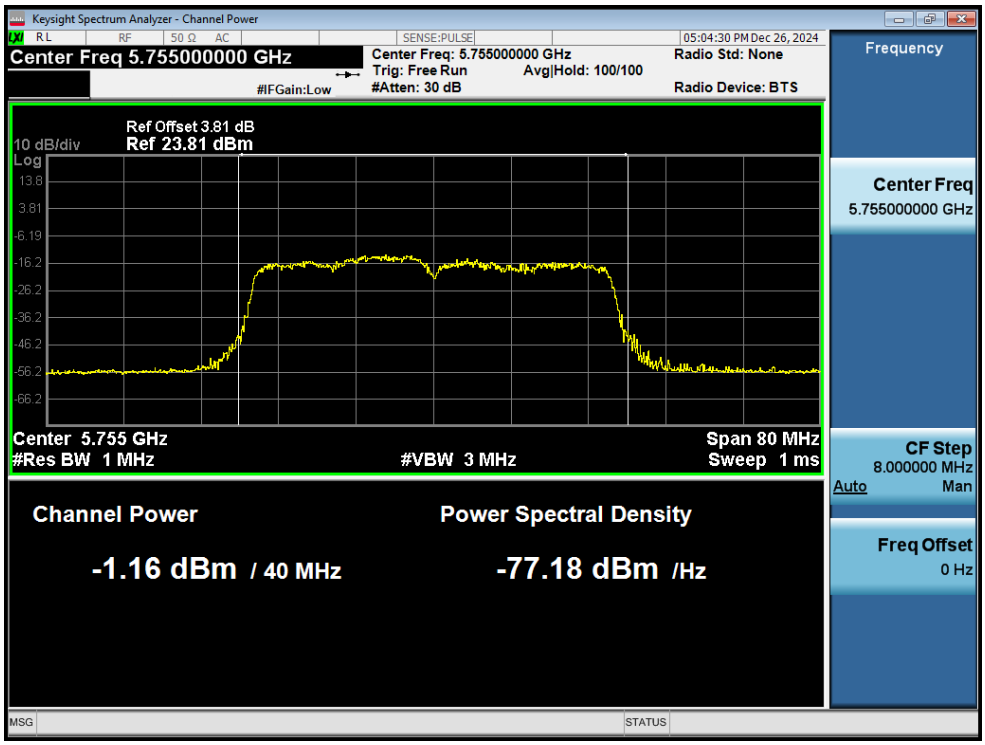
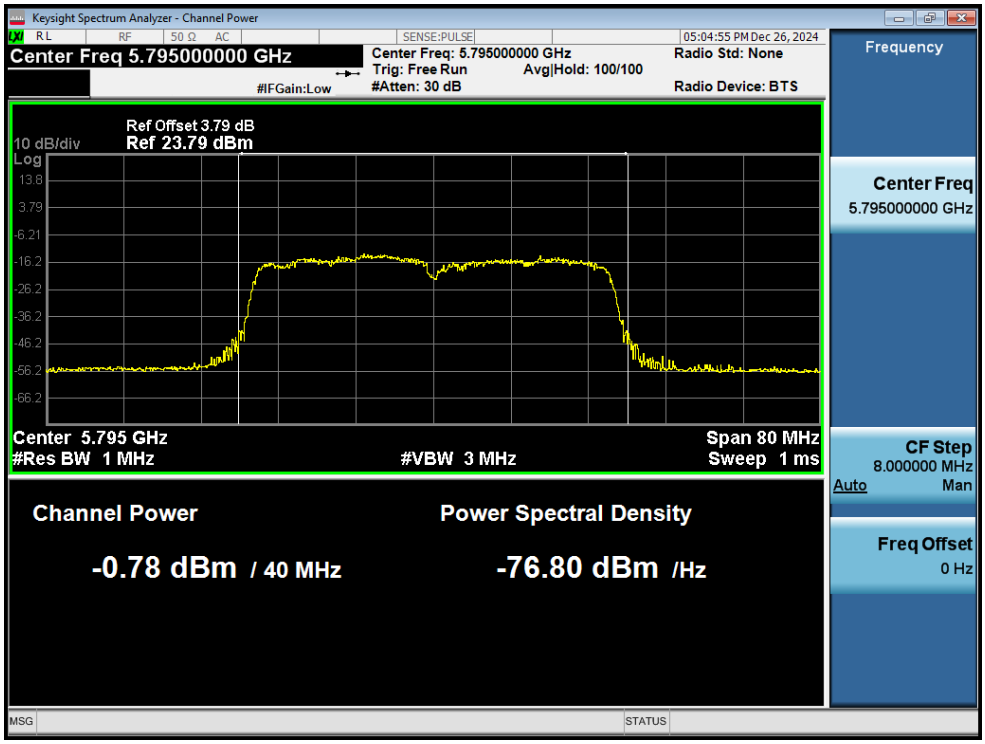
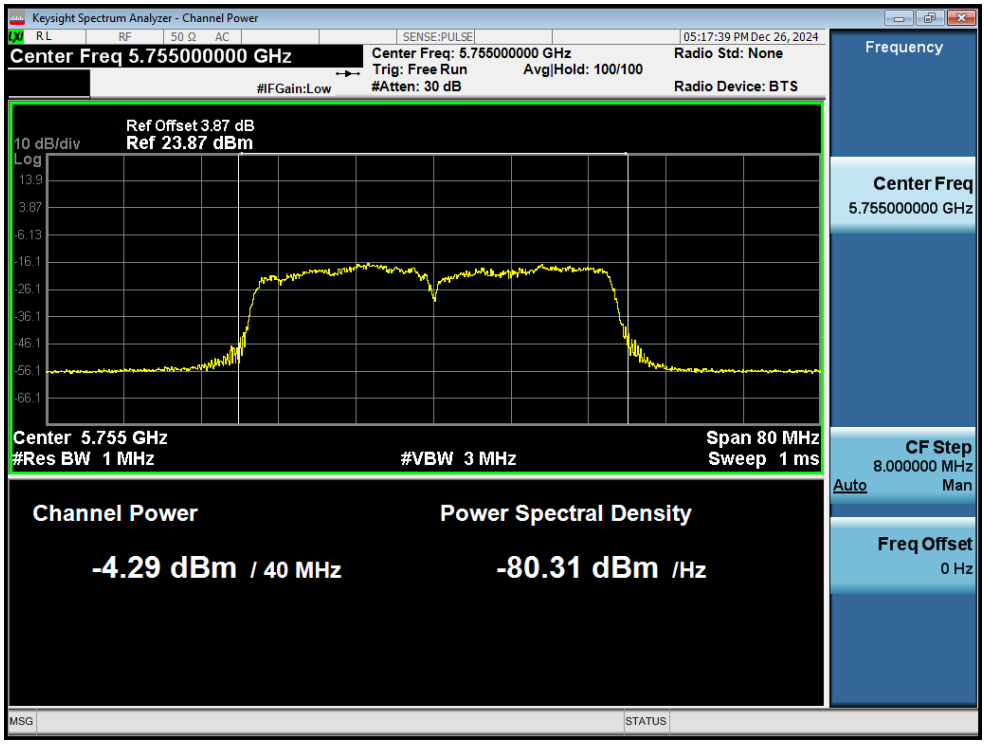


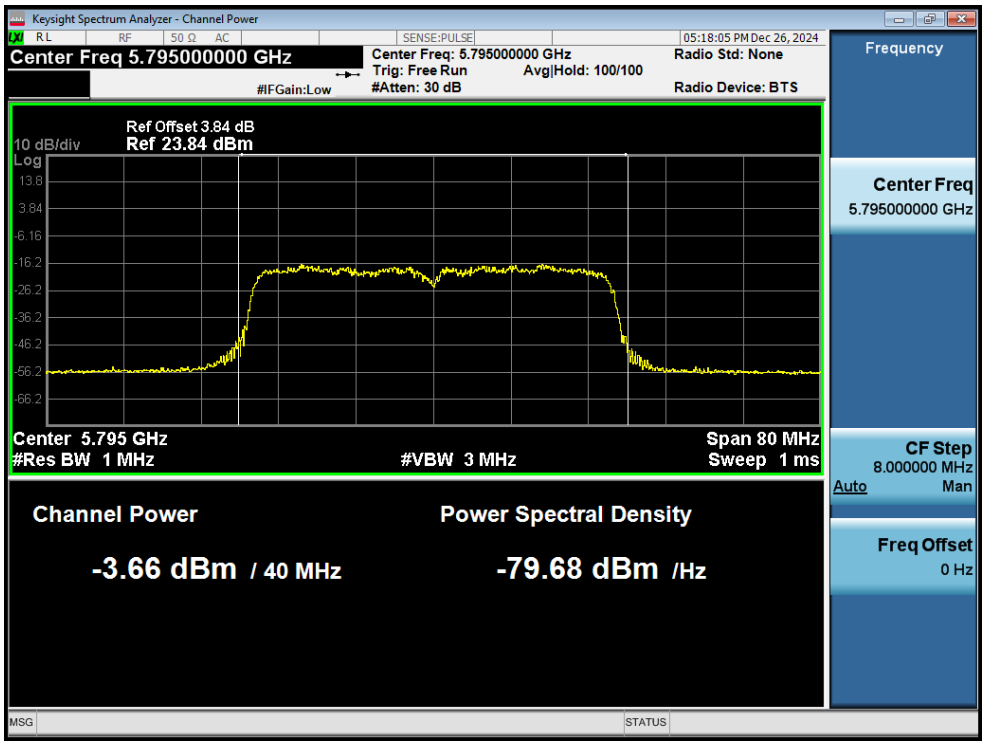
Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1

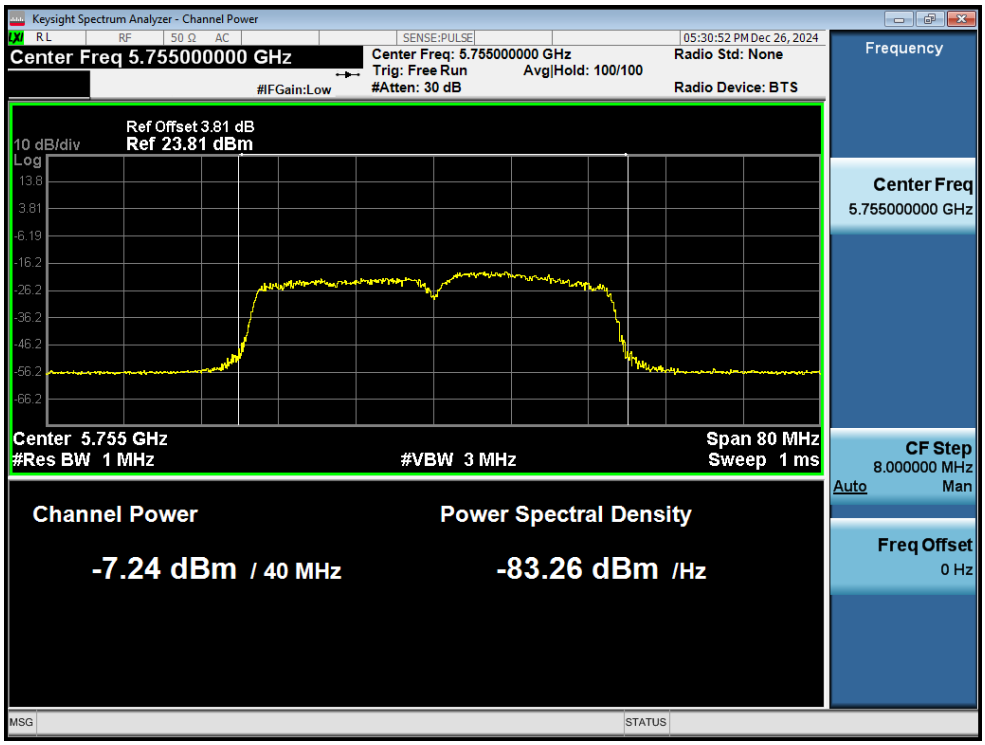


Power NVNT n40 5755MHz Ant2

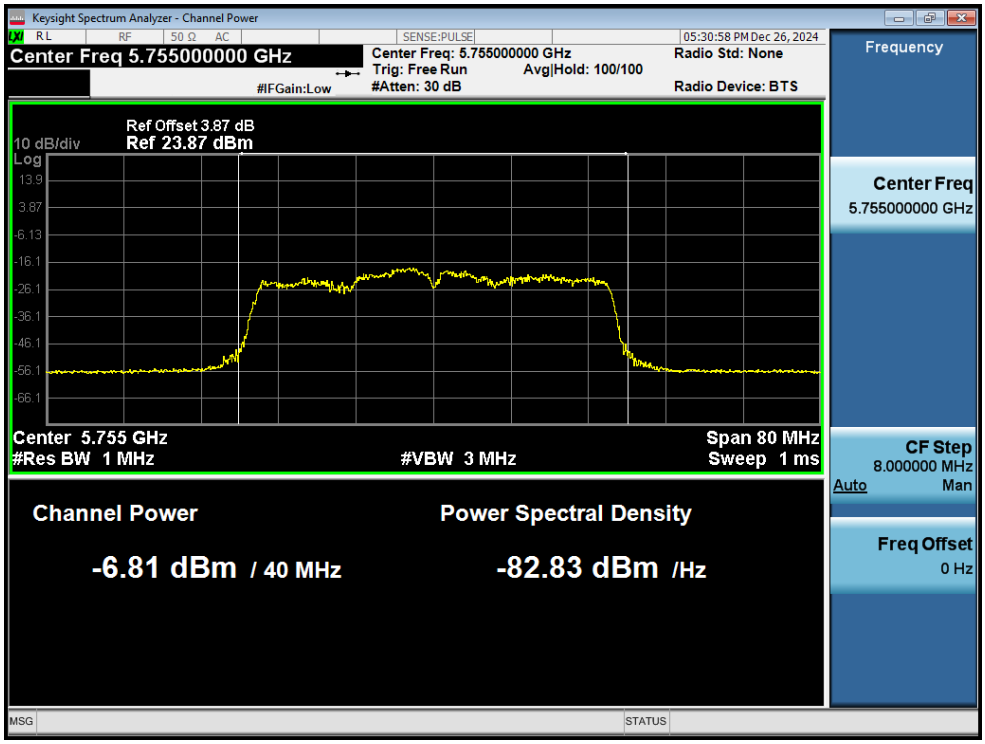


Power NVNT n40 5795MHz Ant2

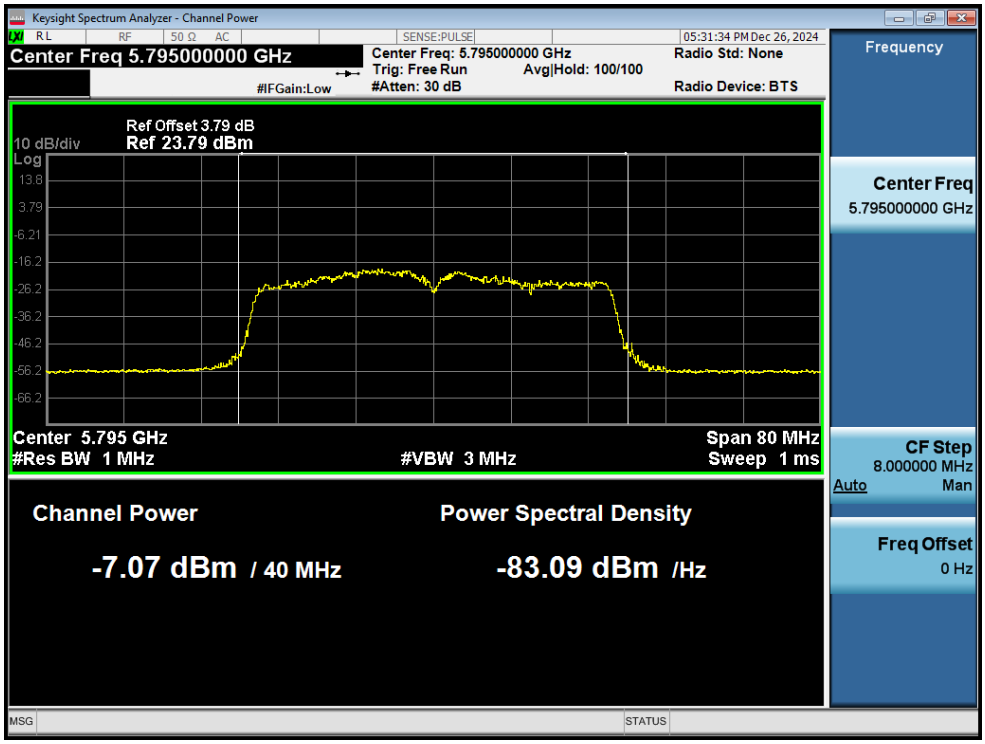
MIMO mode:



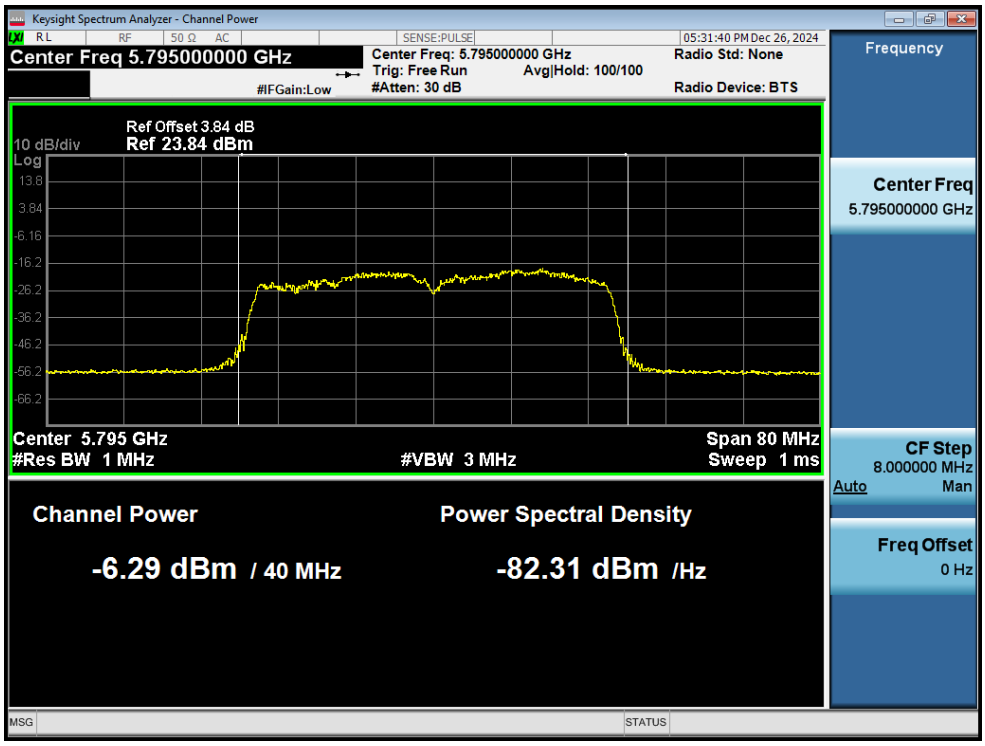
Power NVNT n40 5755MHz Ant1



Power NVNT n40 5755MHz Ant2

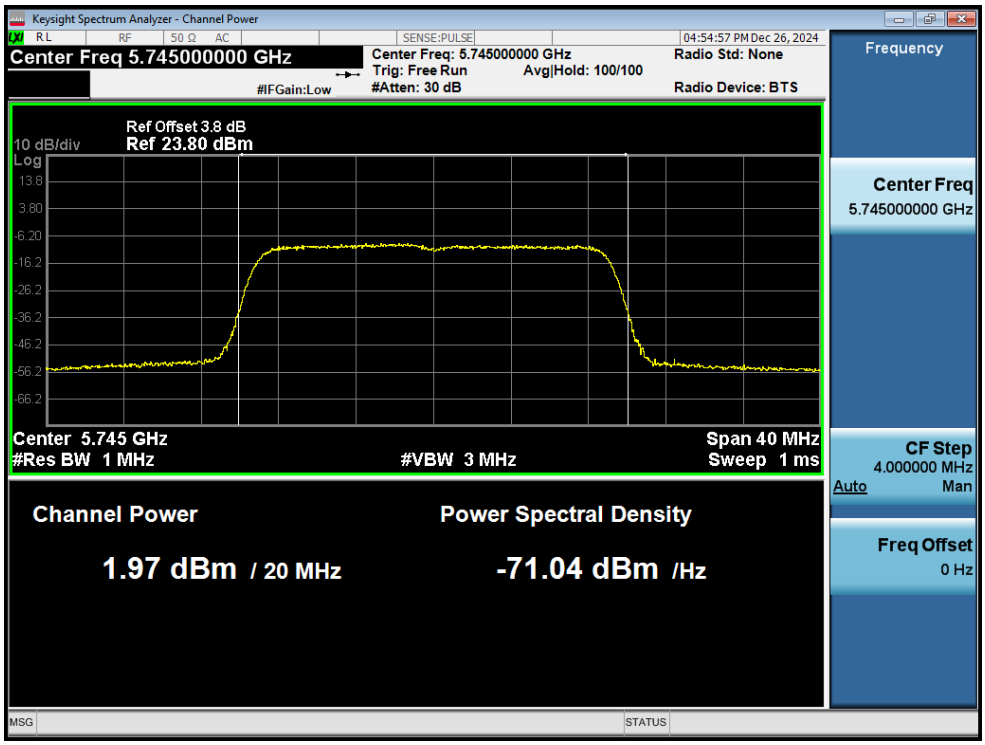


Power NVNT n40 5795MHz Ant1

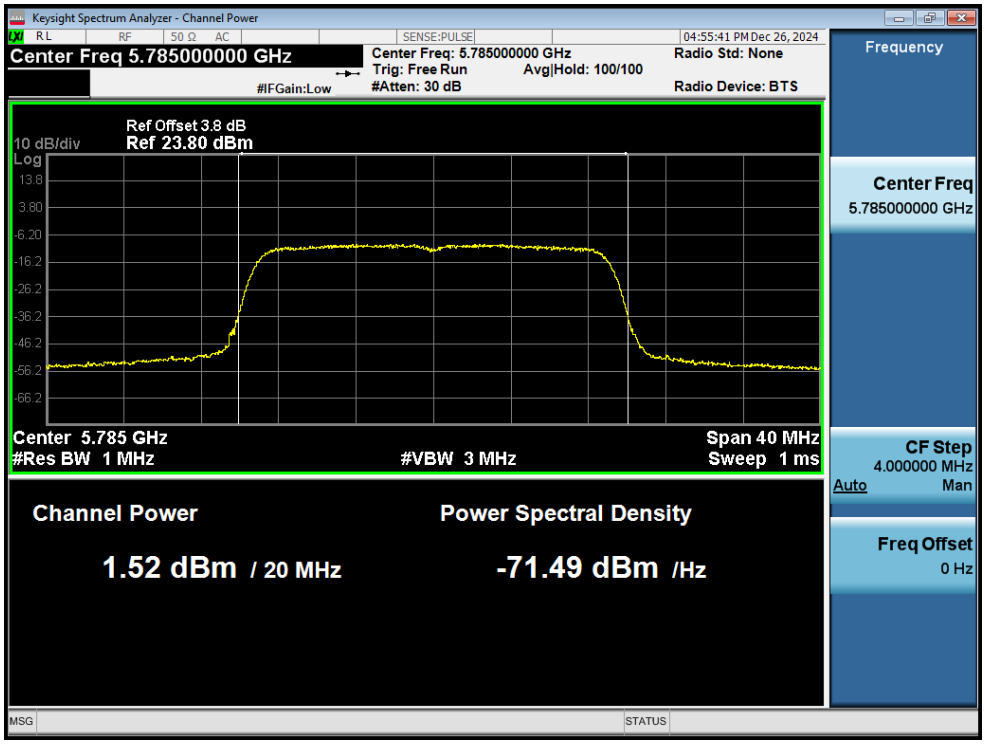


Power NVNT n40 5795MHz Ant2

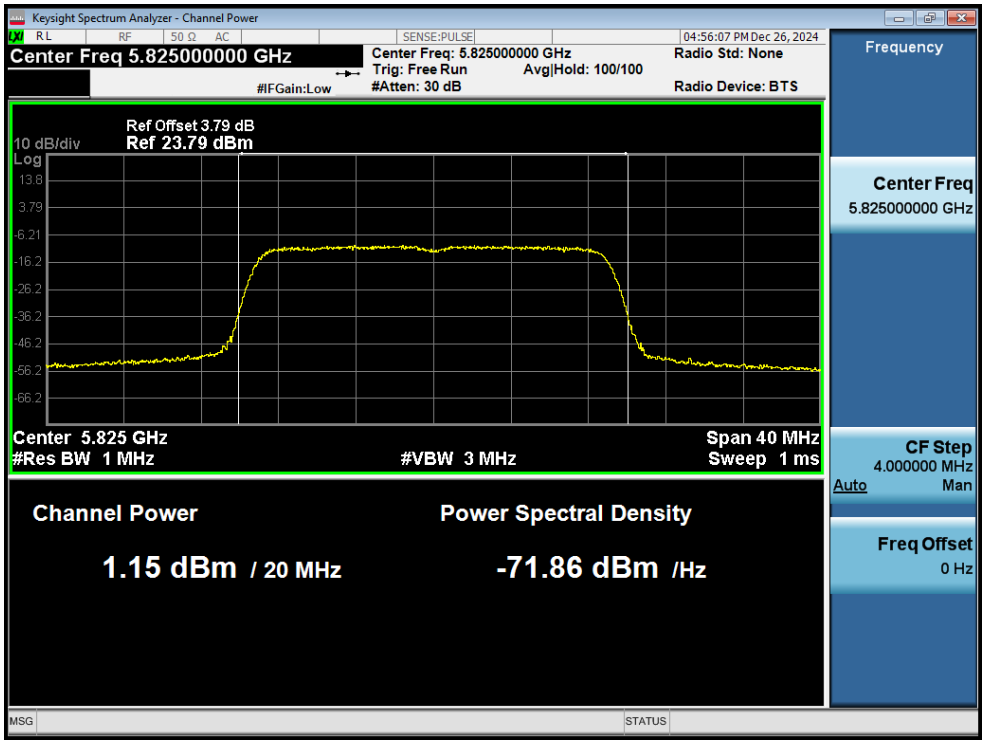
SISO:



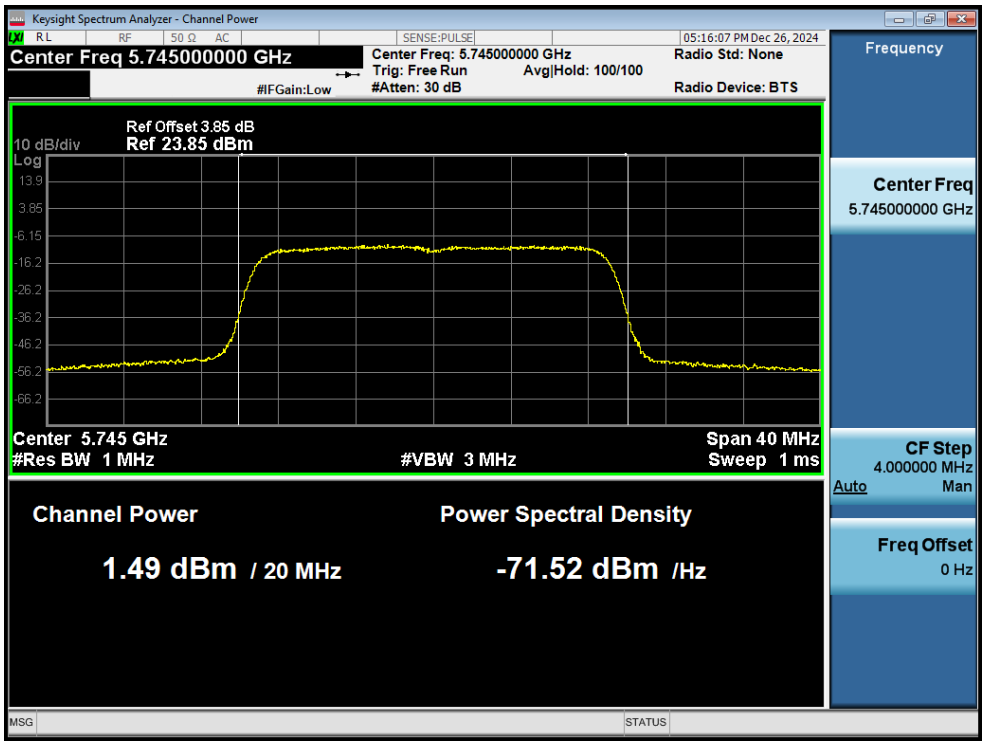
Power NVNT ac20 5745MHz Ant1



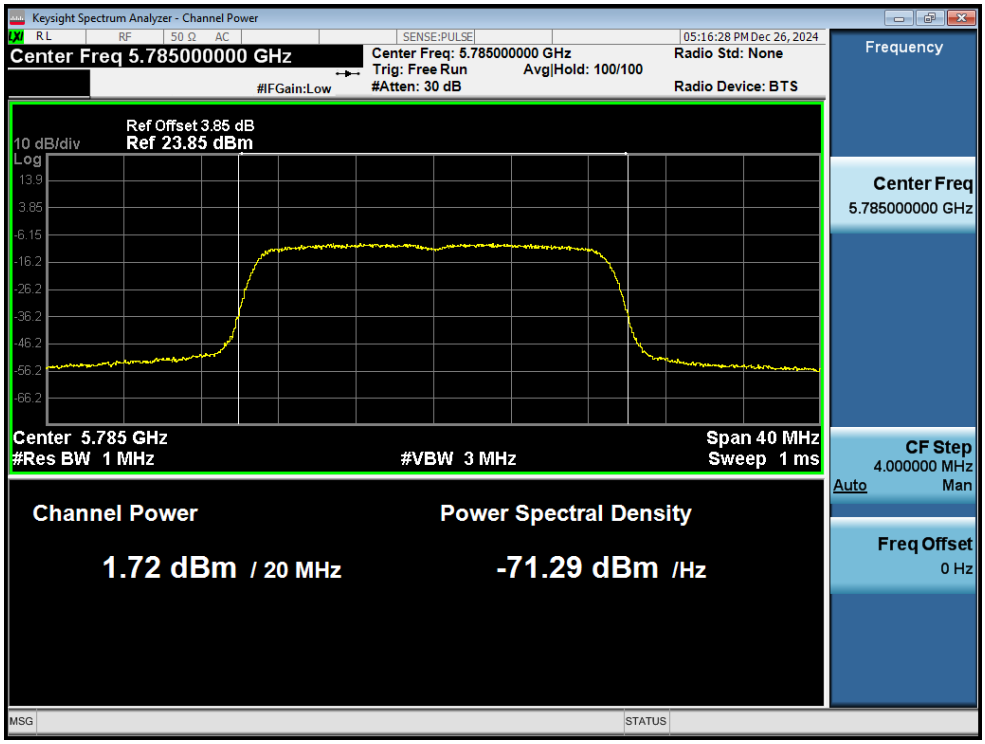
Power NVNT ac20 5785MHz Ant1



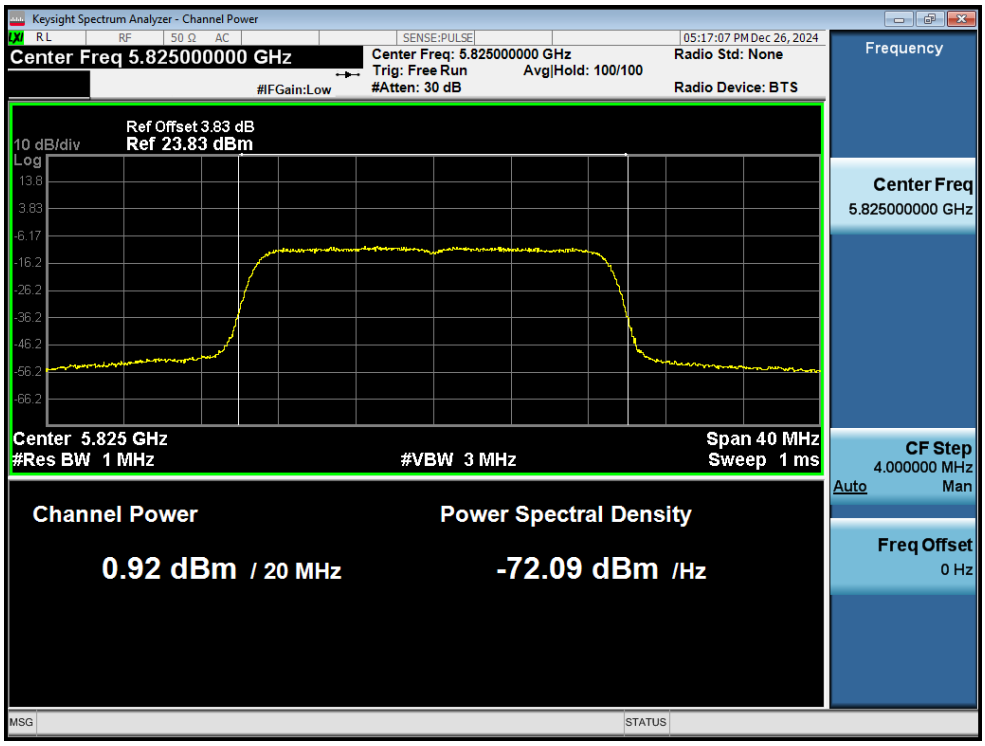
Power NVNT ac20 5825MHz Ant1



Power NVNT ac20 5745MHz Ant2

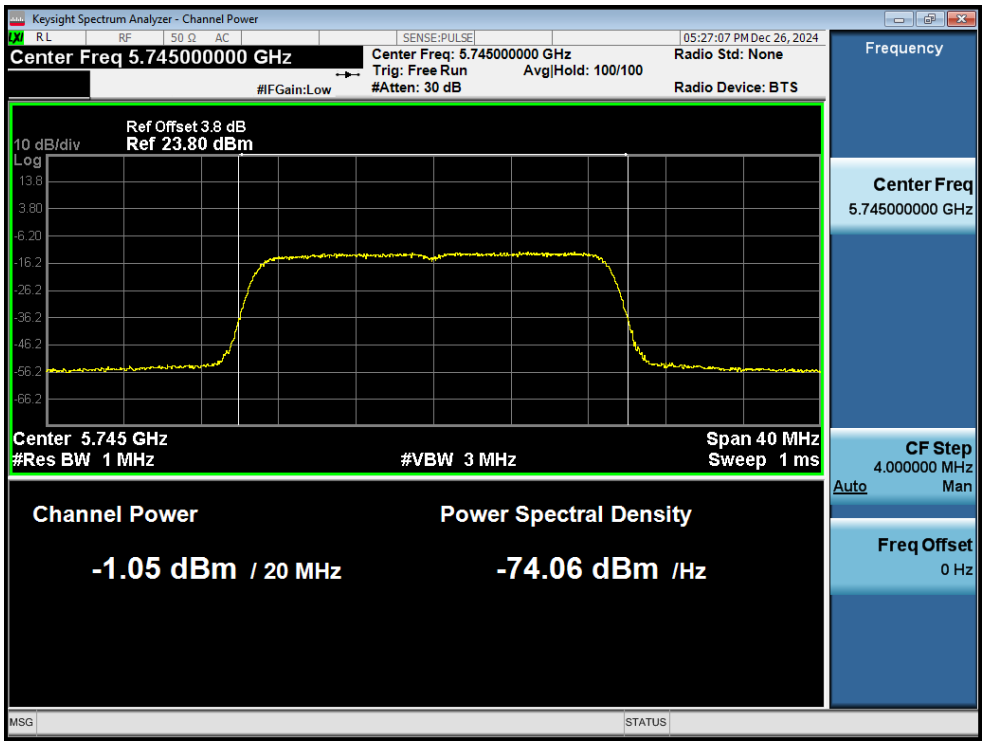


Power NVNT ac20 5785MHz Ant2

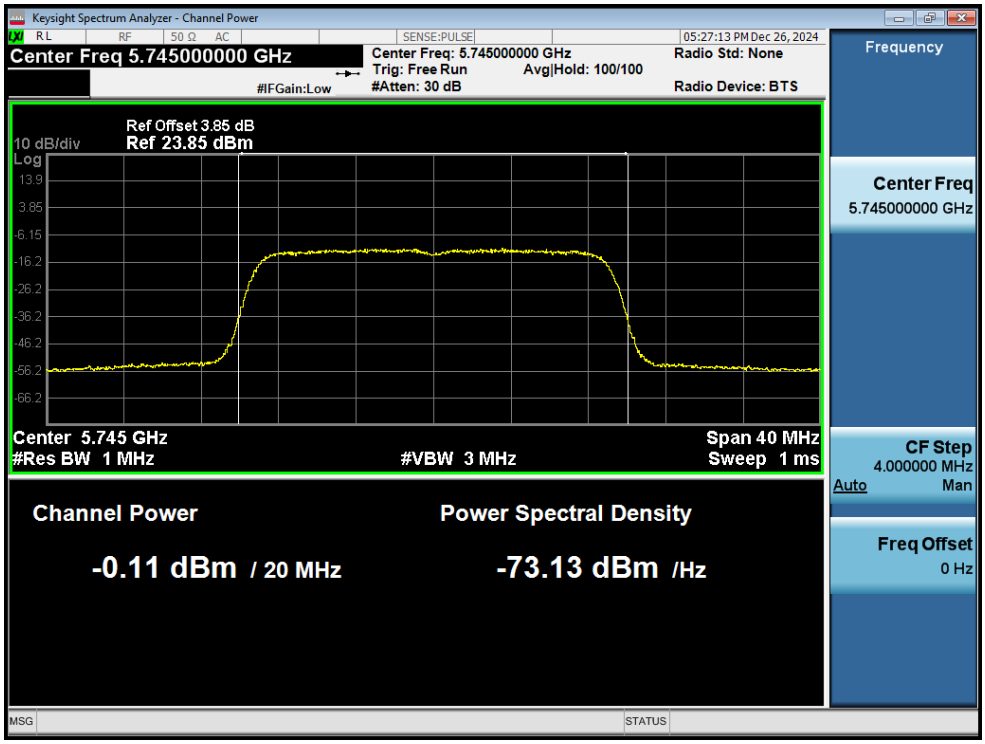


Power NVNT ac20 5825MHz Ant2

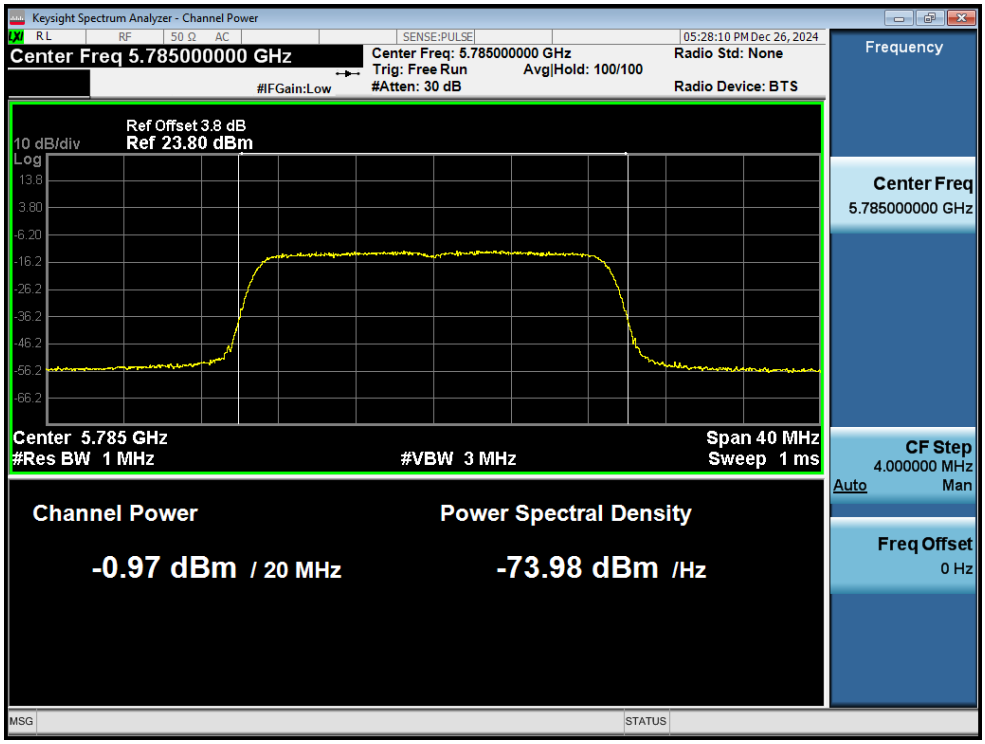
MIMO mode:



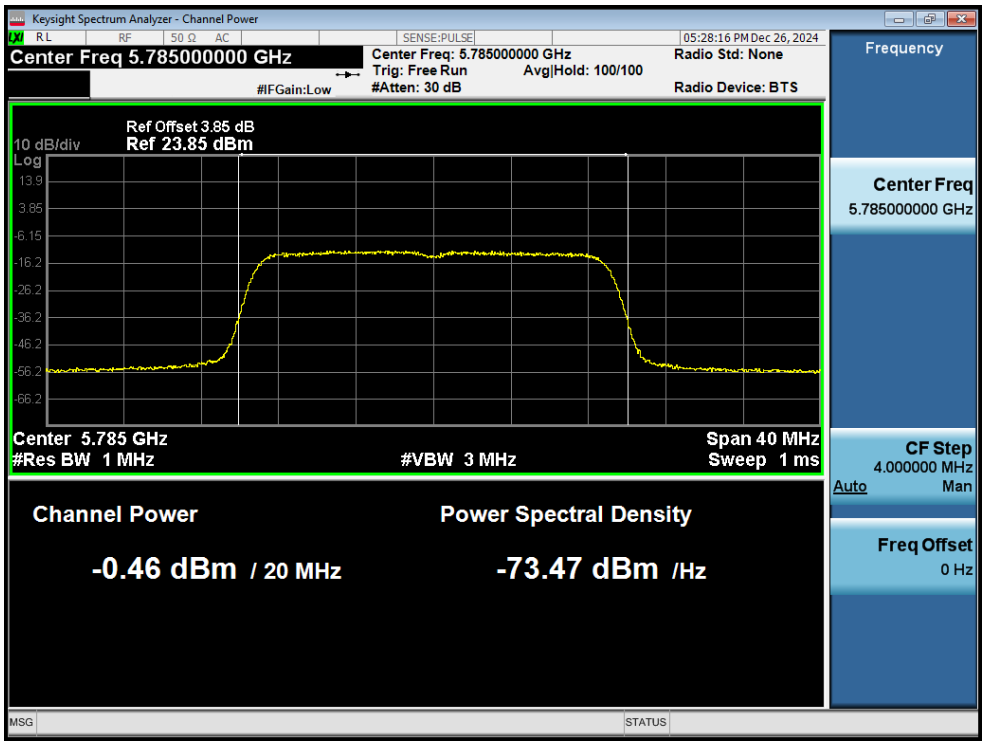
Power NVNT ac20 5745MHz Ant1



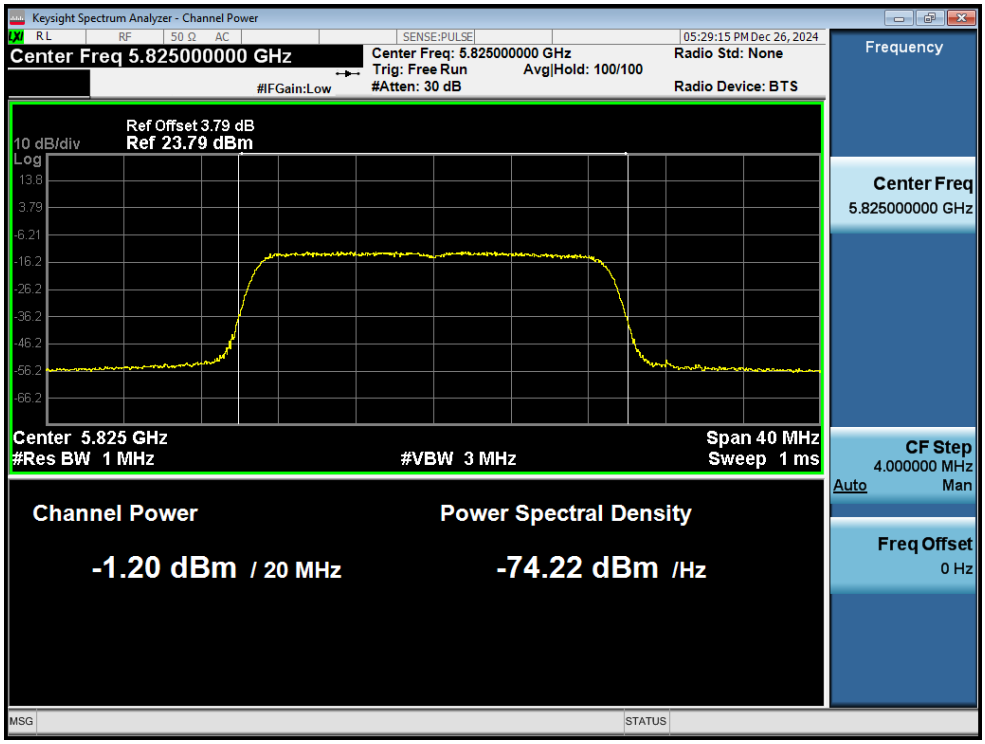
Power NVNT ac20 5745MHz Ant2



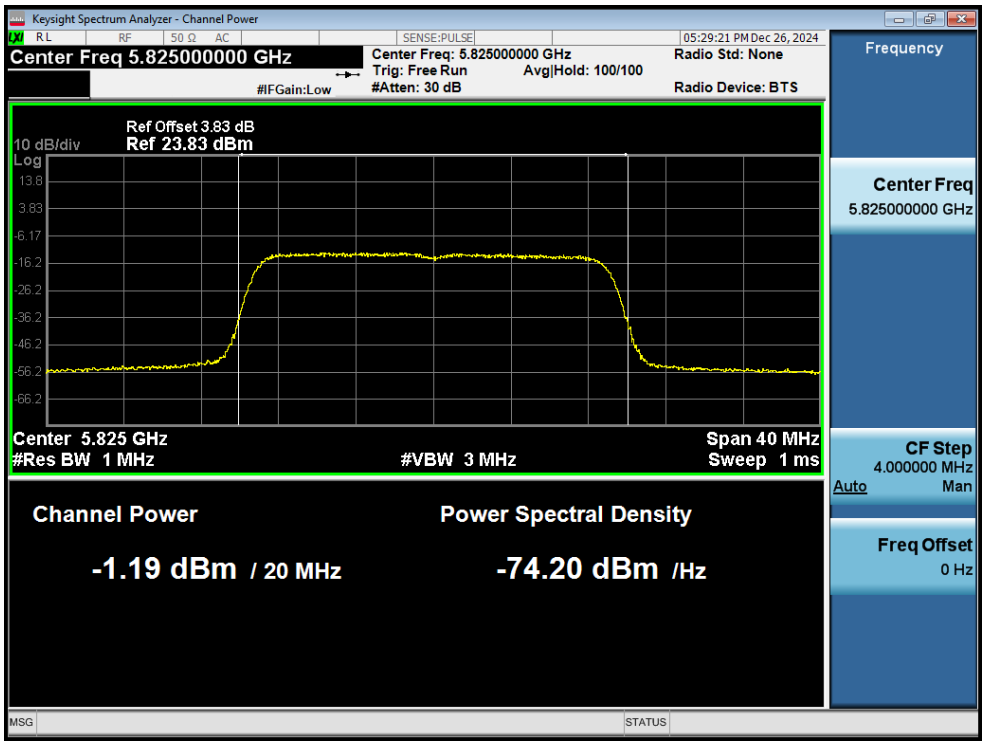
Power NVNT ac20 5785MHz Ant1



Power NVNT ac20 5785MHz Ant2

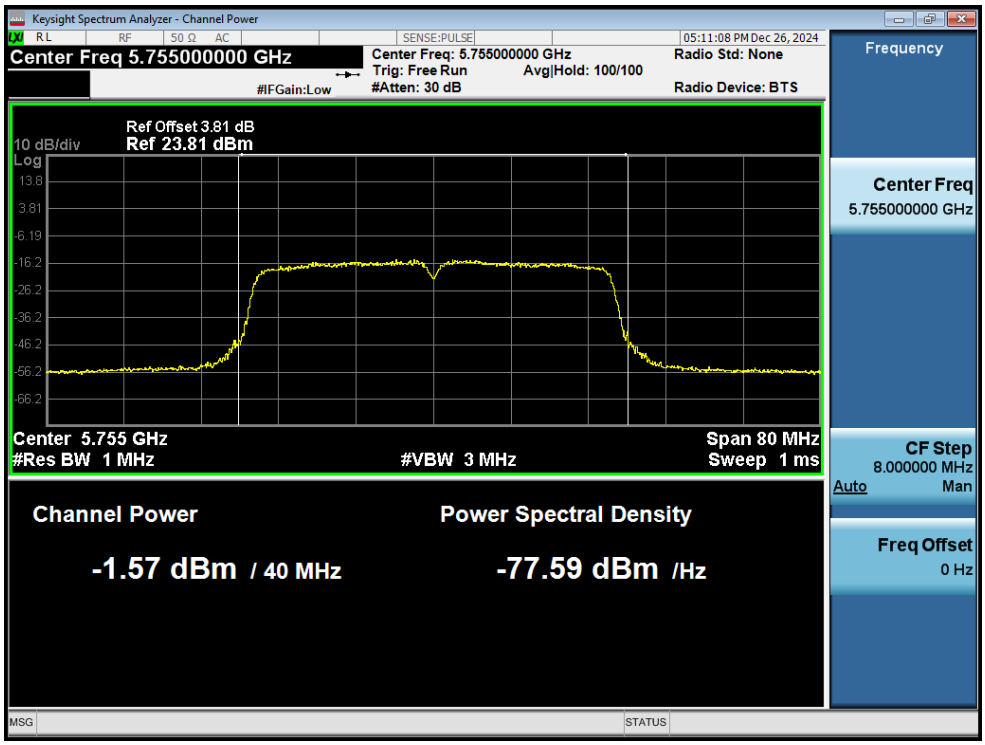


Power NVNT ac20 5825MHz Ant1

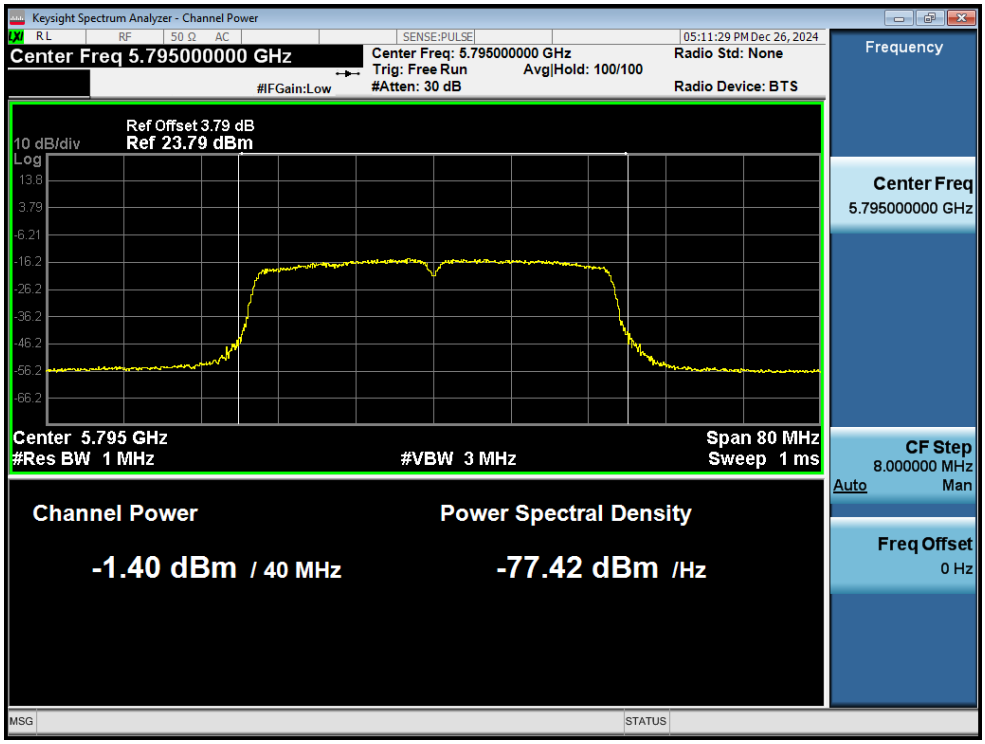


Power NVNT ac20 5825MHz Ant2

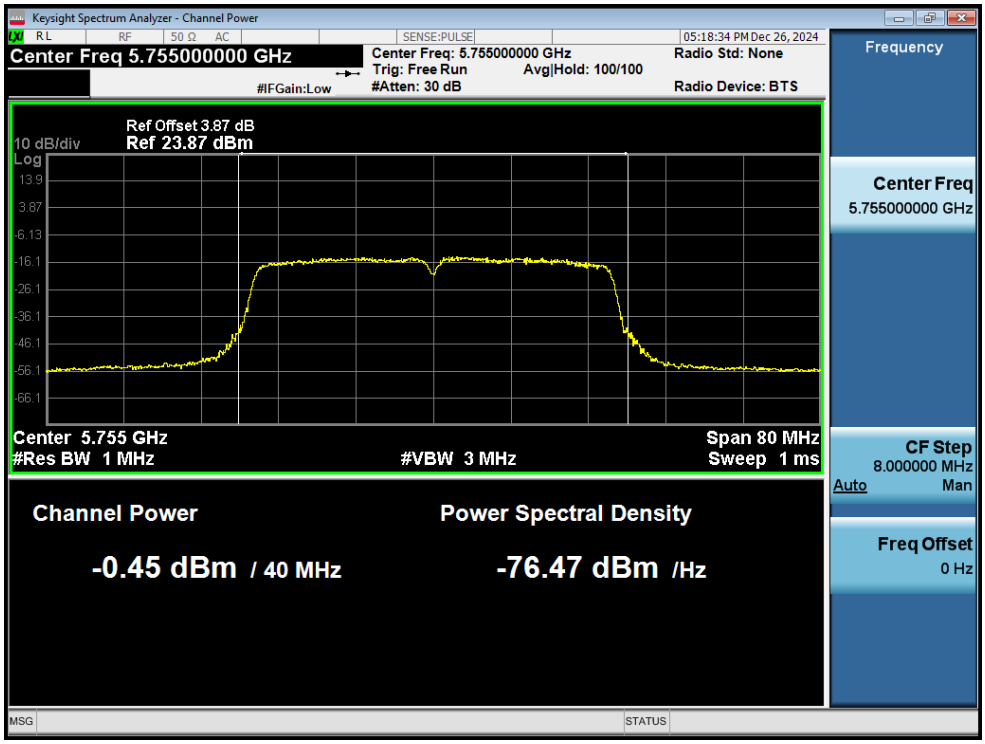
SISO:



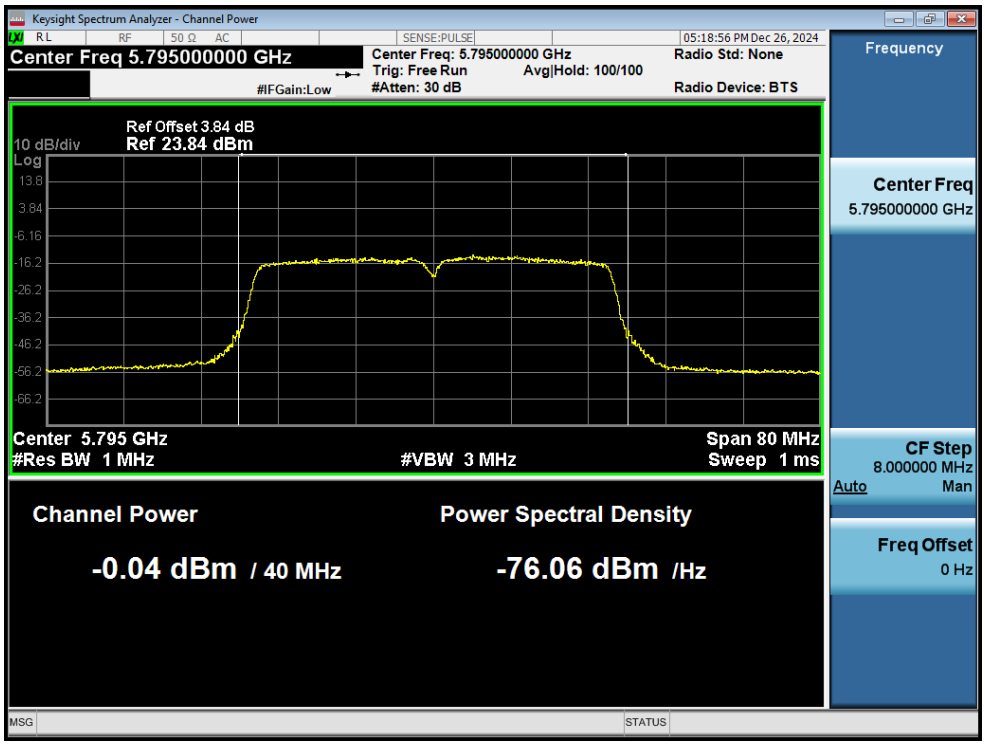
Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1

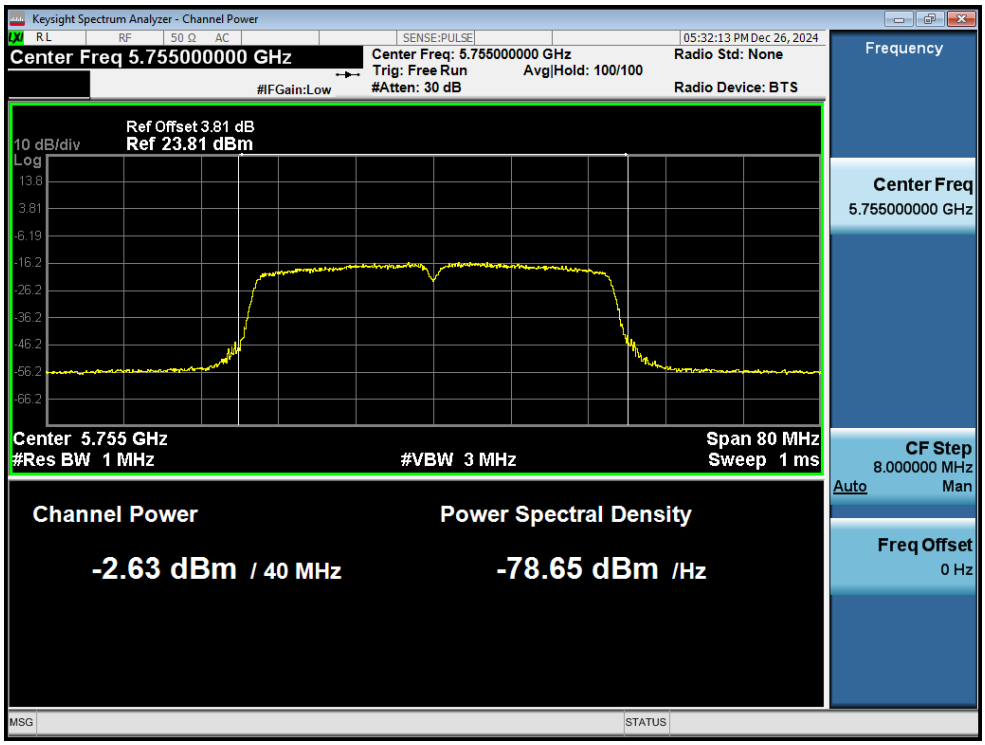


Power NVNT ac40 5755MHz Ant2

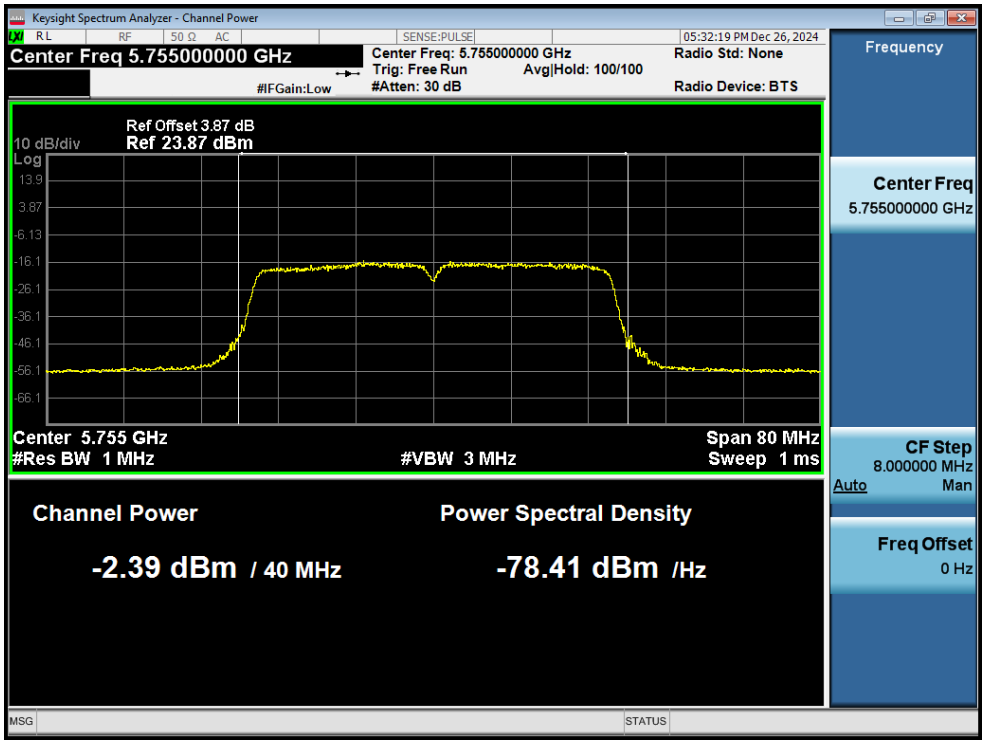


Power NVNT ac40 5795MHz Ant2

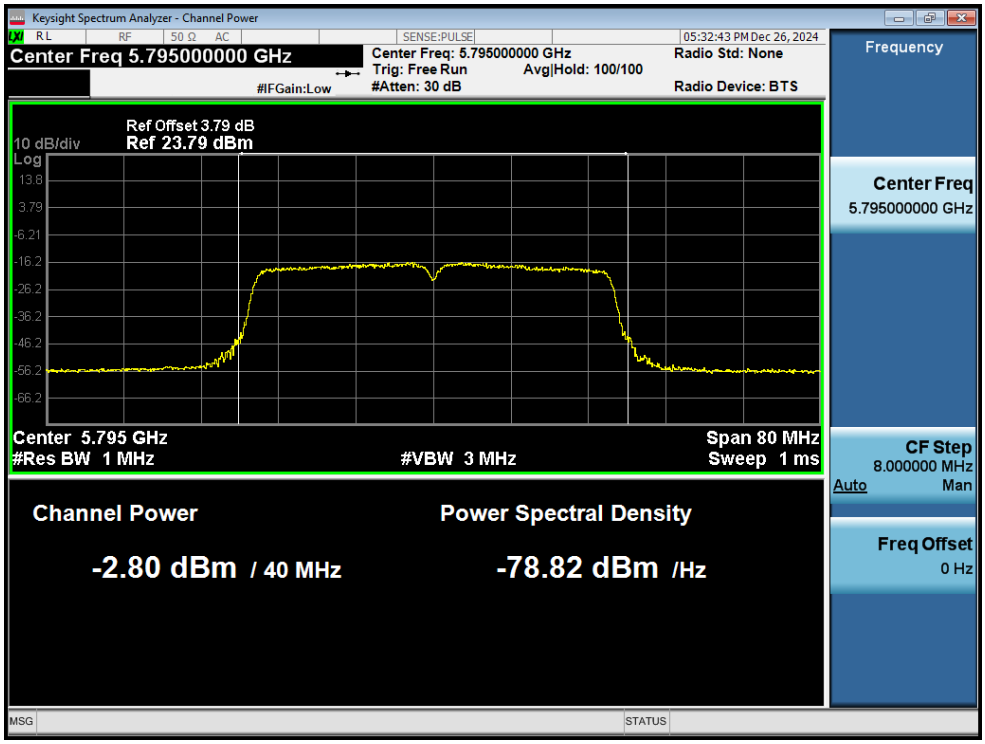
MIMO mode:



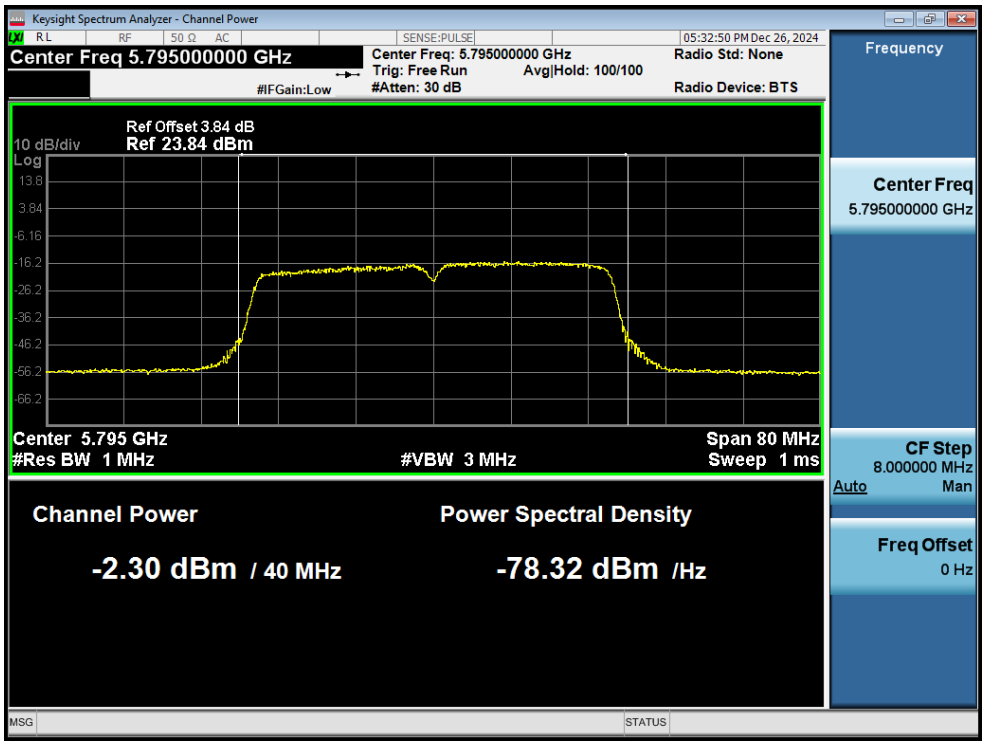
Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5755MHz Ant2



Power NVNT ac40 5795MHz Ant1



Power NVNT ac40 5795MHz Ant2

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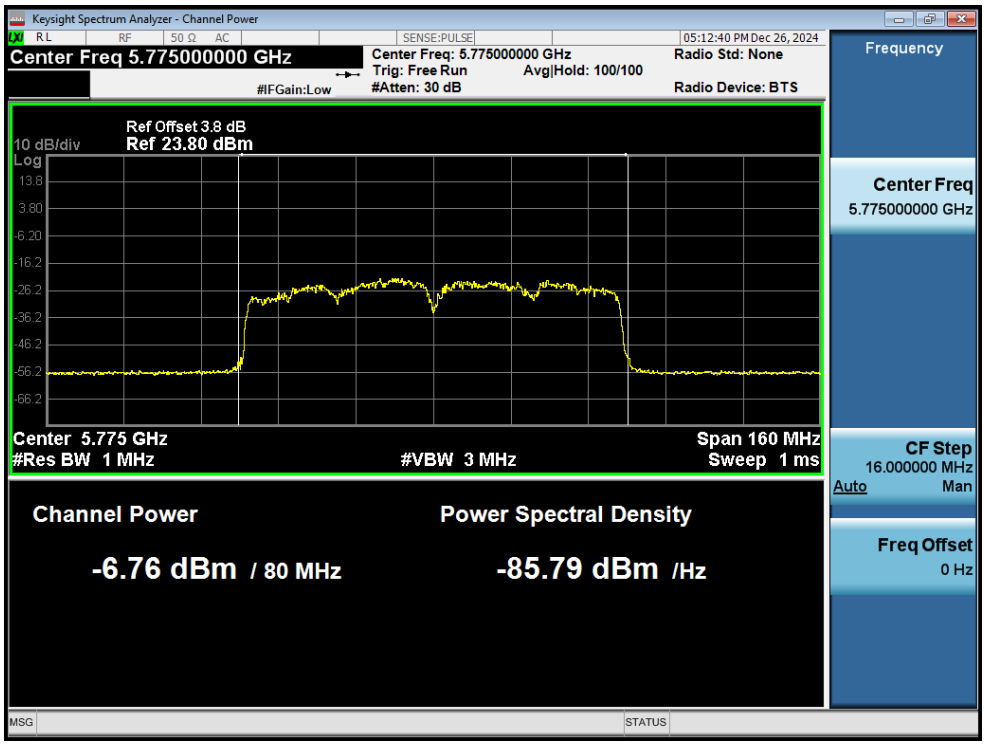
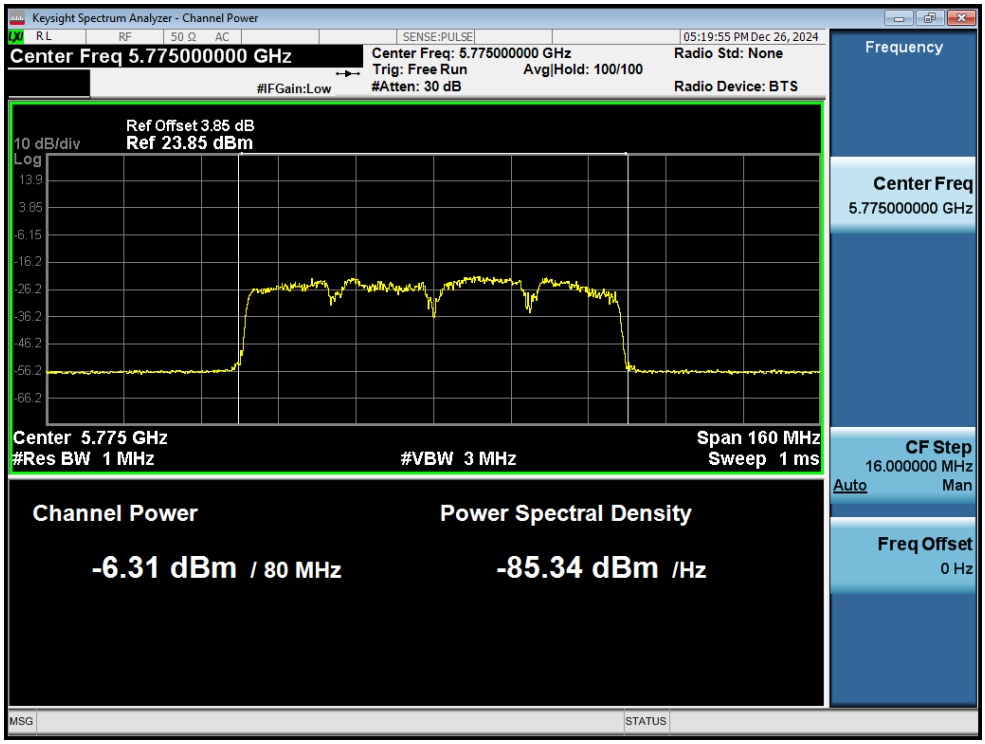
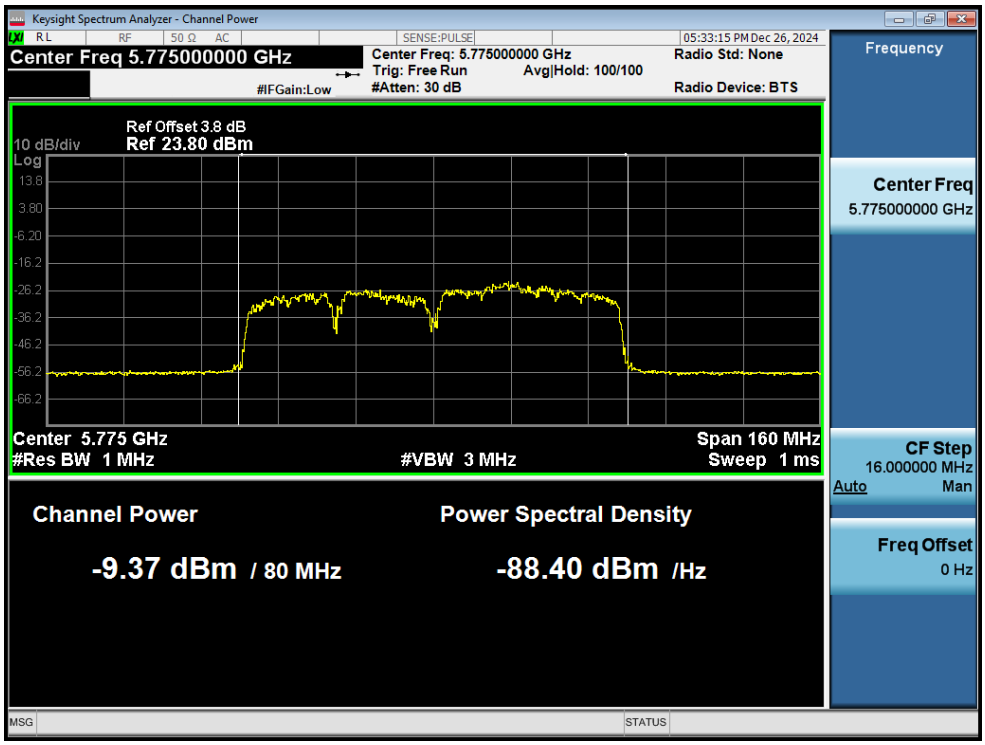


Power NVNT ac80 5775MHz Ant1

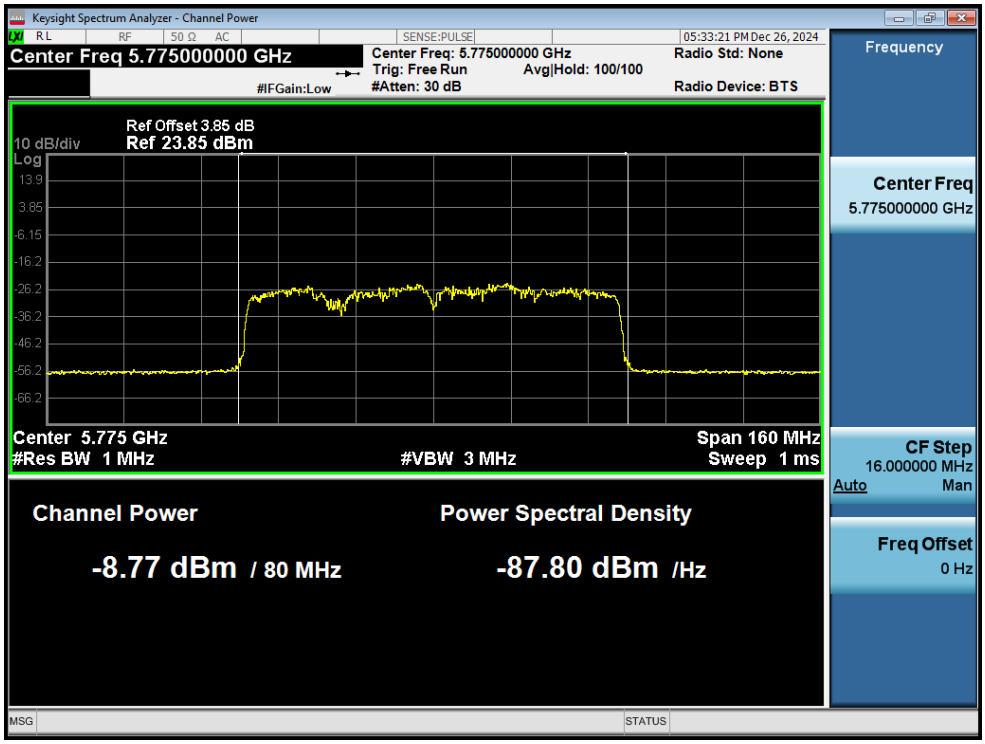


Power NVNT ac80 5775MHz Ant2

MIMO mode:



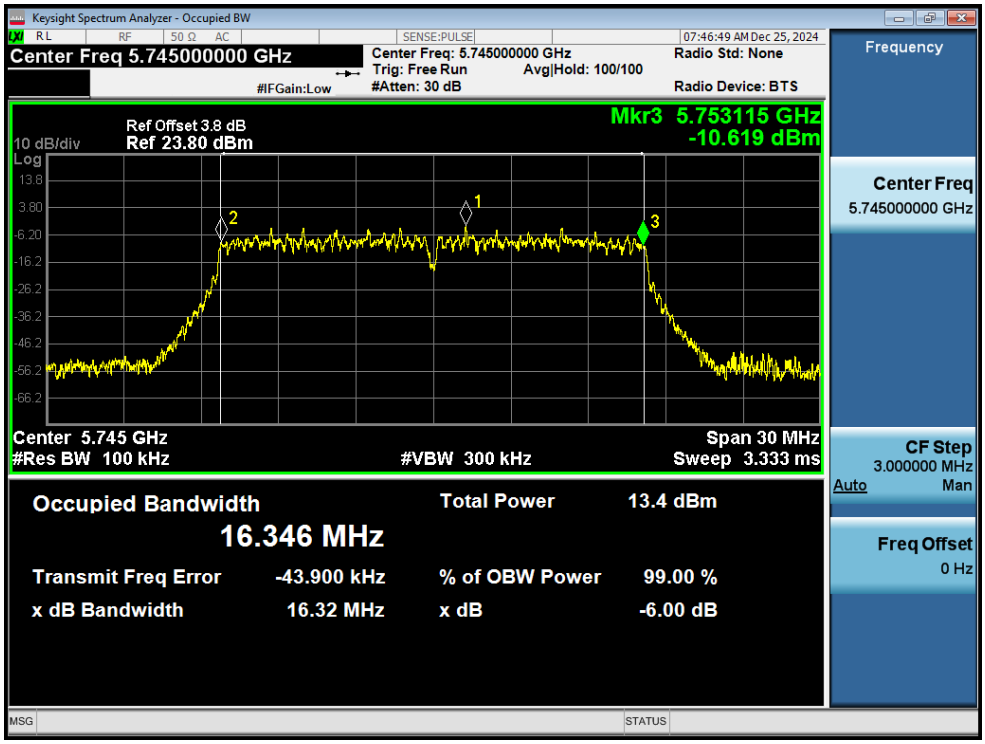
Power NVNT ac80 5775MHz Ant1



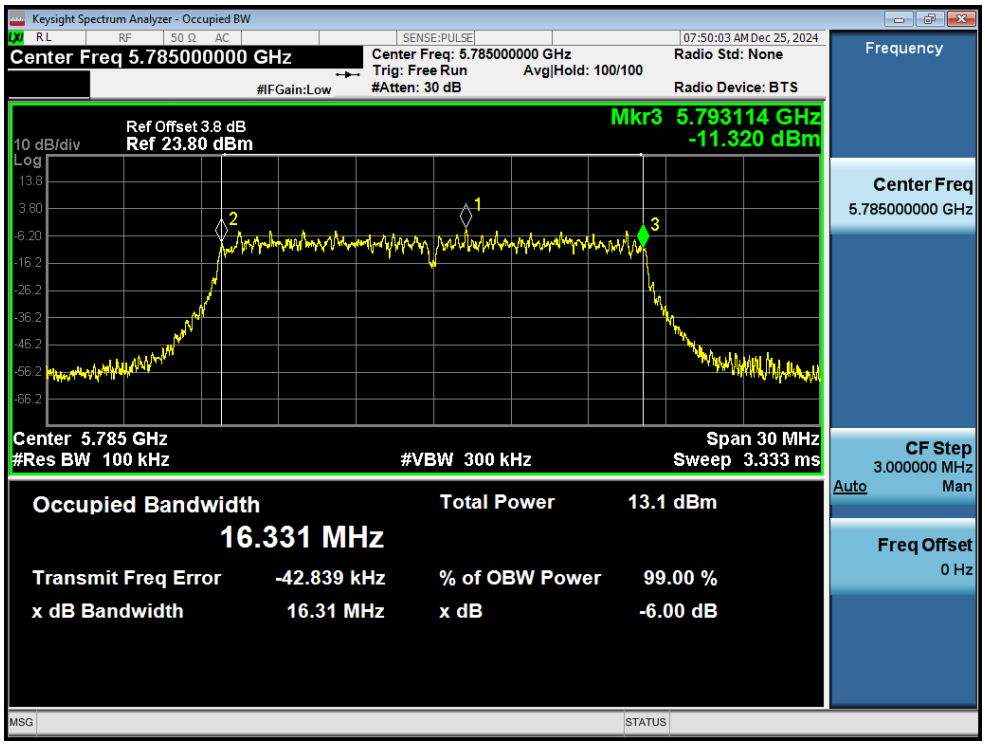
Power NVNT ac80 5775MHz Ant2

3. -6dB Bandwidth

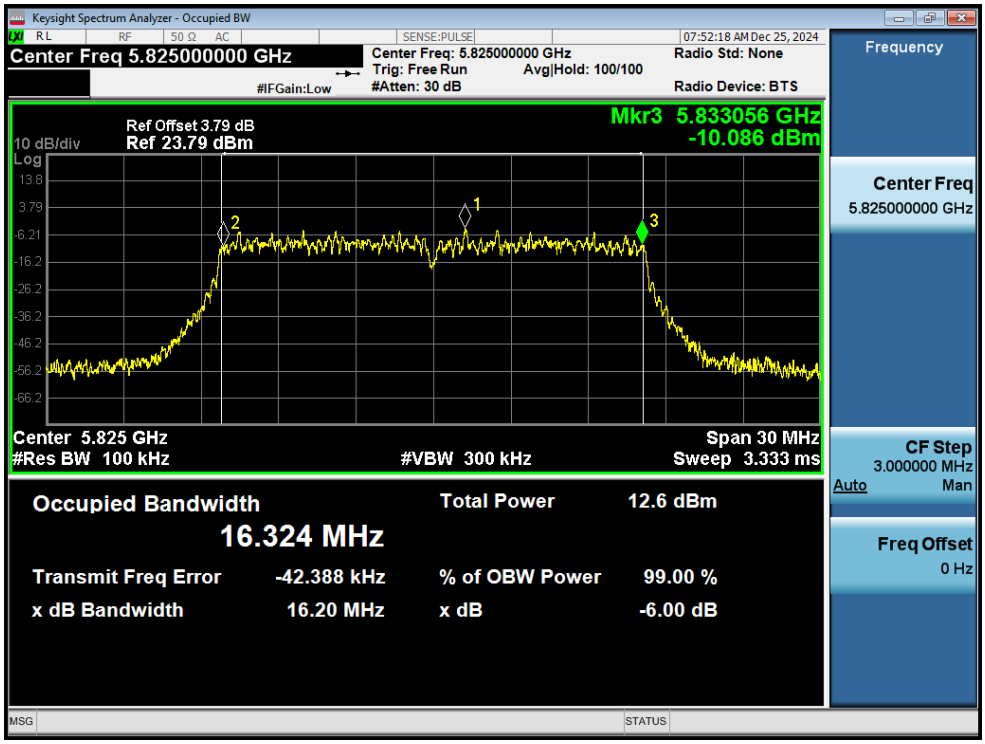
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.317	0.5	Pass
NVNT	a	5785	Ant1	16.314	0.5	Pass
NVNT	a	5825	Ant1	16.196	0.5	Pass
NVNT	a	5745	Ant2	16.327	0.5	Pass
NVNT	a	5785	Ant2	16.358	0.5	Pass
NVNT	a	5825	Ant2	16.082	0.5	Pass
NVNT	n20	5745	Ant1	17.401	0.5	Pass
NVNT	n20	5785	Ant1	17.377	0.5	Pass
NVNT	n20	5825	Ant1	17.363	0.5	Pass
NVNT	n20	5745	Ant2	17.106	0.5	Pass
NVNT	n20	5785	Ant2	16.555	0.5	Pass
NVNT	n20	5825	Ant2	17.379	0.5	Pass
NVNT	n40	5755	Ant1	35.096	0.5	Pass
NVNT	n40	5795	Ant1	35.102	0.5	Pass
NVNT	n40	5755	Ant2	35.062	0.5	Pass
NVNT	n40	5795	Ant2	33.841	0.5	Pass
NVNT	ac20	5745	Ant1	16.06	0.5	Pass
NVNT	ac20	5785	Ant1	17.151	0.5	Pass
NVNT	ac20	5825	Ant1	17.018	0.5	Pass
NVNT	ac20	5745	Ant2	17.385	0.5	Pass
NVNT	ac20	5785	Ant2	17.248	0.5	Pass
NVNT	ac20	5825	Ant2	17.415	0.5	Pass
NVNT	ac40	5755	Ant1	35.096	0.5	Pass
NVNT	ac40	5795	Ant1	35.137	0.5	Pass
NVNT	ac40	5755	Ant2	33.891	0.5	Pass
NVNT	ac40	5795	Ant2	33.86	0.5	Pass
NVNT	ac80	5775	Ant1	72.572	0.5	Pass
NVNT	ac80	5775	Ant2	75.054	0.5	Pass



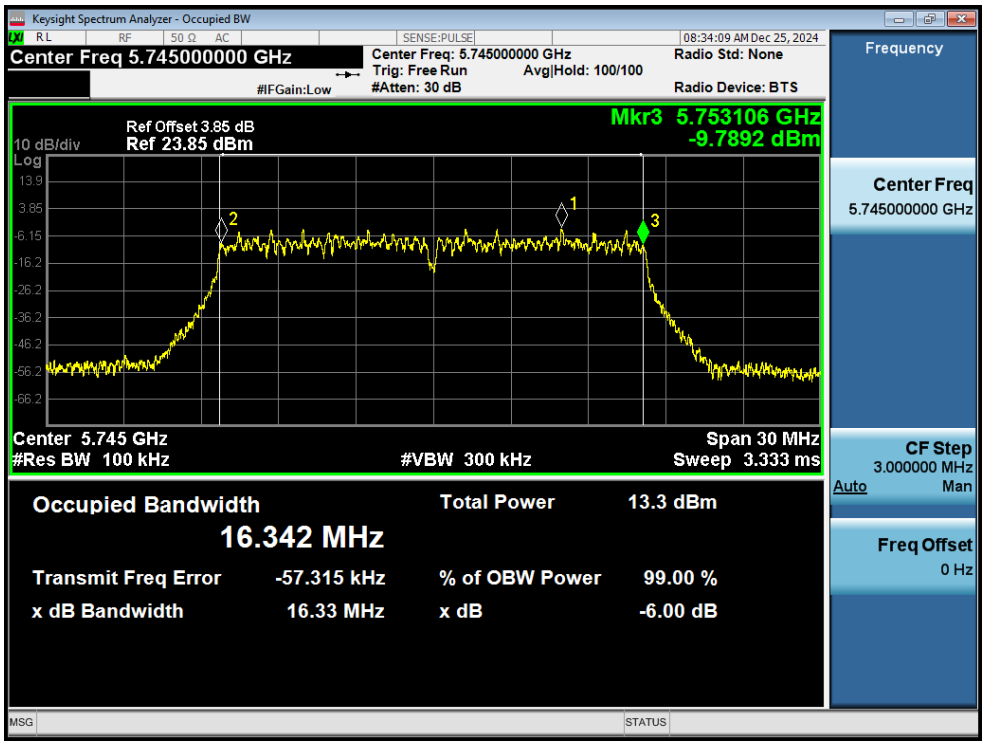
-6dB Bandwidth NVNT a 5745MHz Ant1



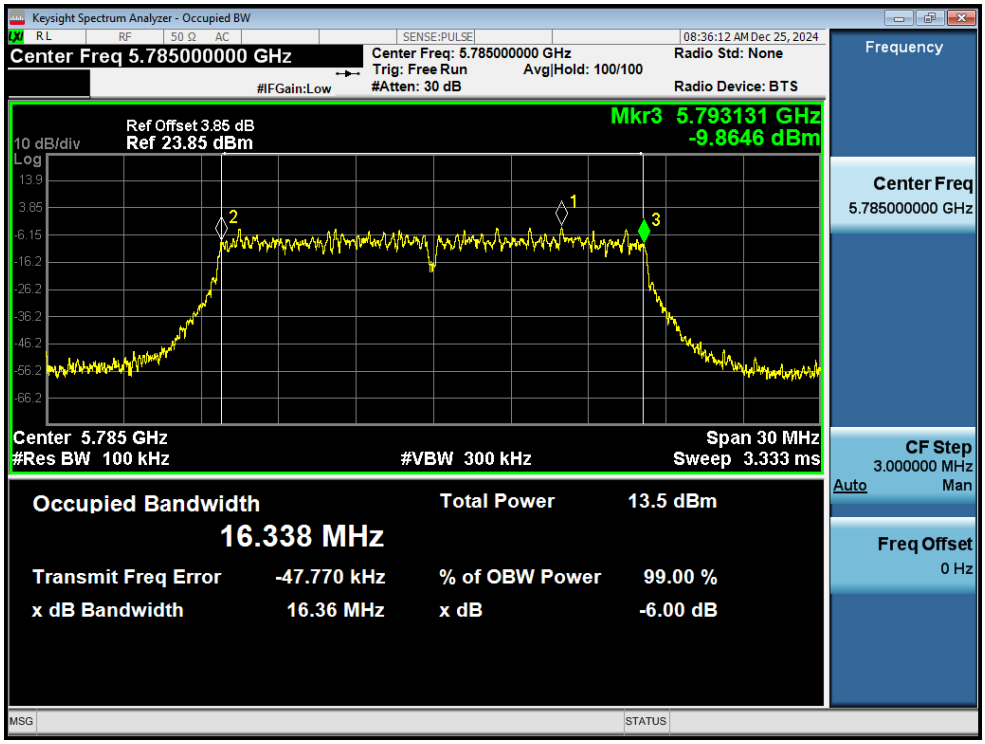
-6dB Bandwidth NVNT a 5785MHz Ant1



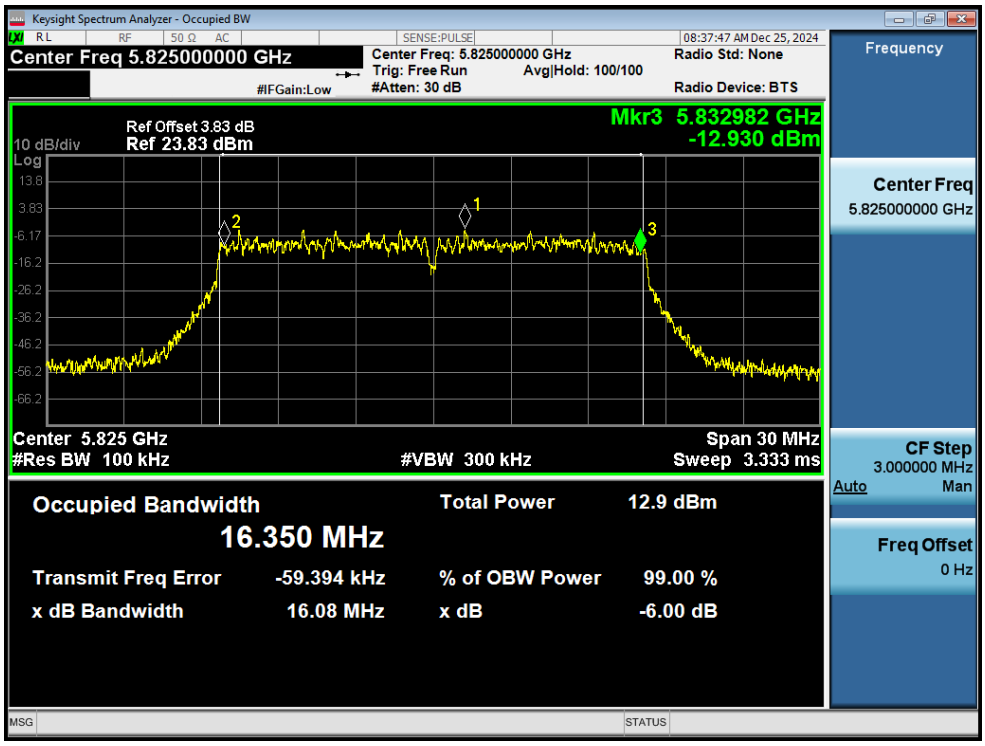
-6dB Bandwidth NVNT a 5825MHz Ant1



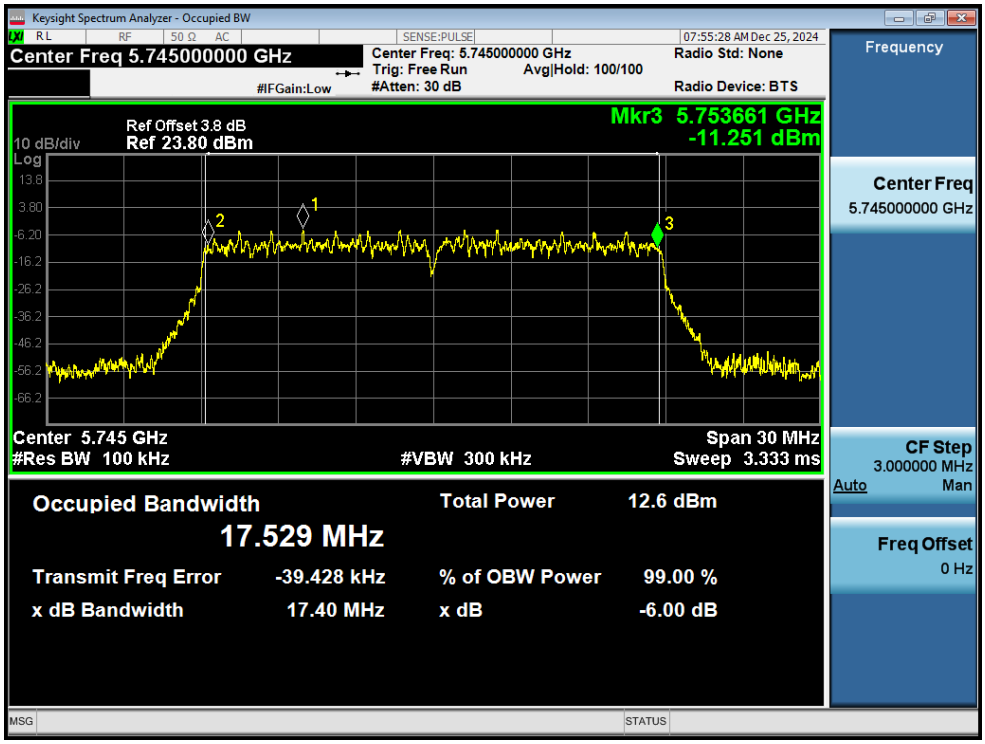
-6dB Bandwidth NVNT a 5745MHz Ant2



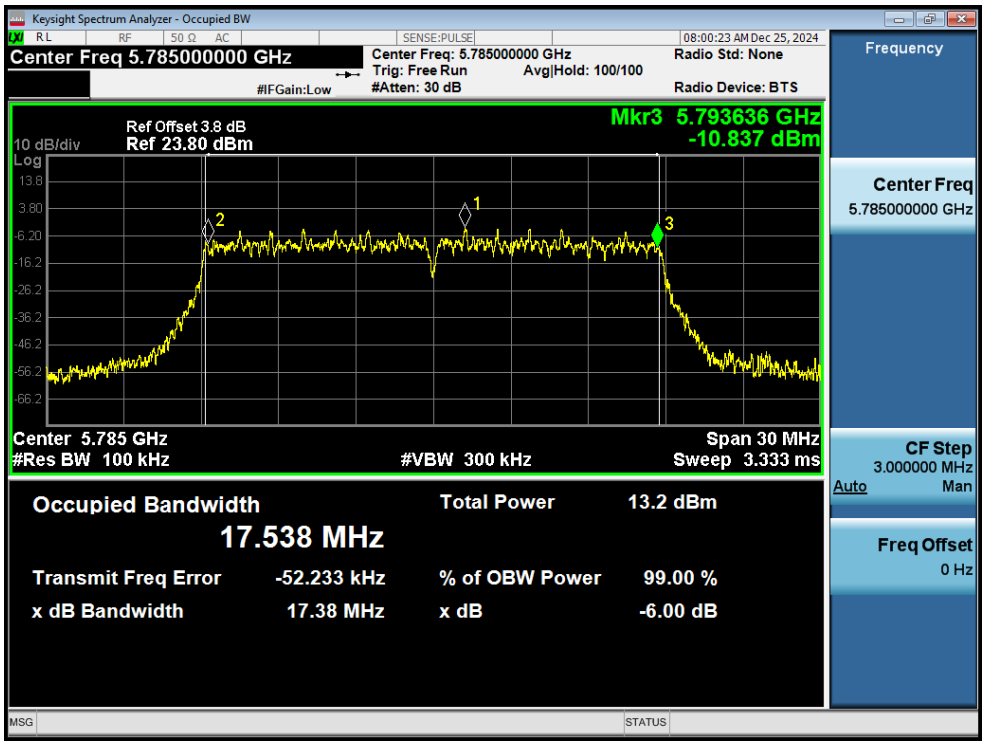
-6dB Bandwidth NVNT a 5785MHz Ant2



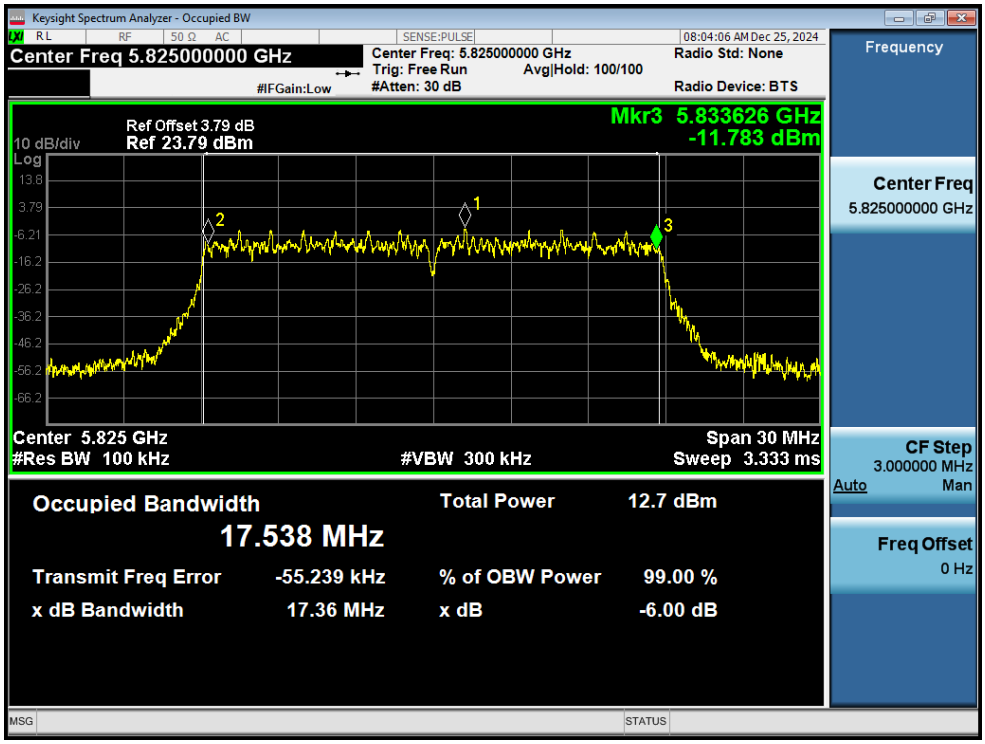
-6dB Bandwidth NVNT a 5825MHz Ant2



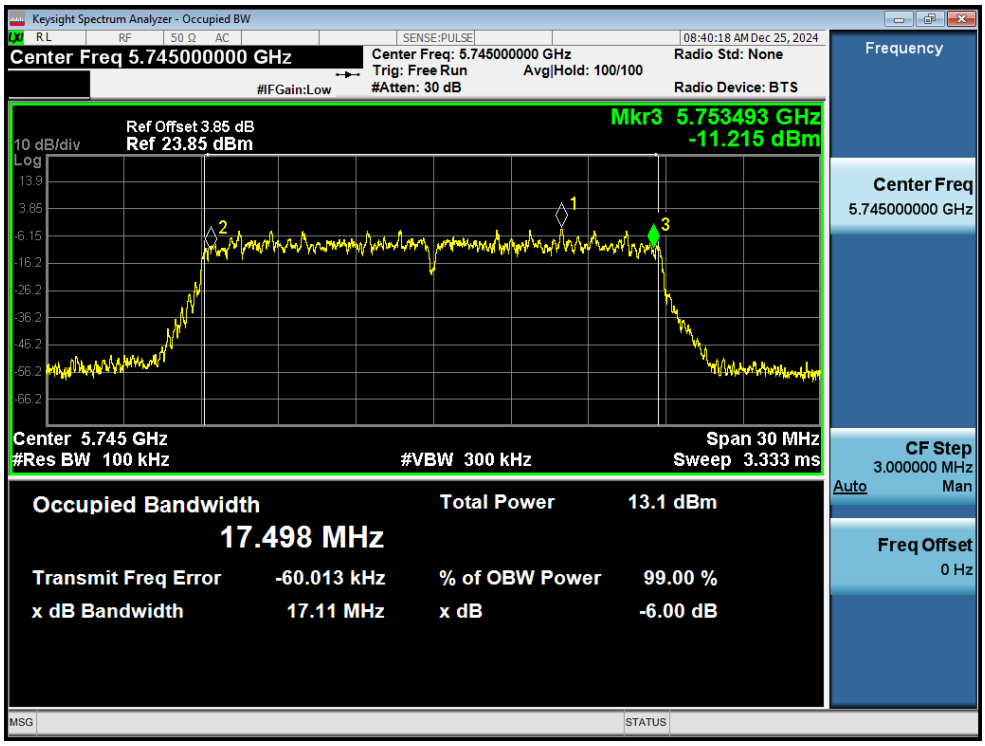
-6dB Bandwidth NVNT n20 5745MHz Ant1



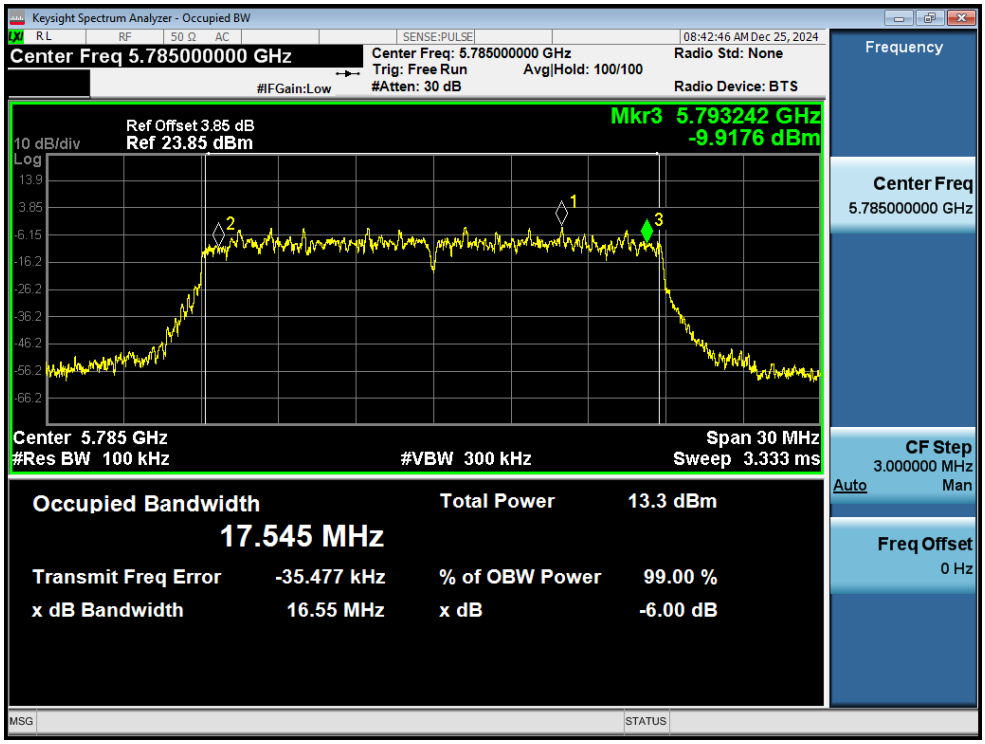
-6dB Bandwidth NVNT n20 5785MHz Ant1



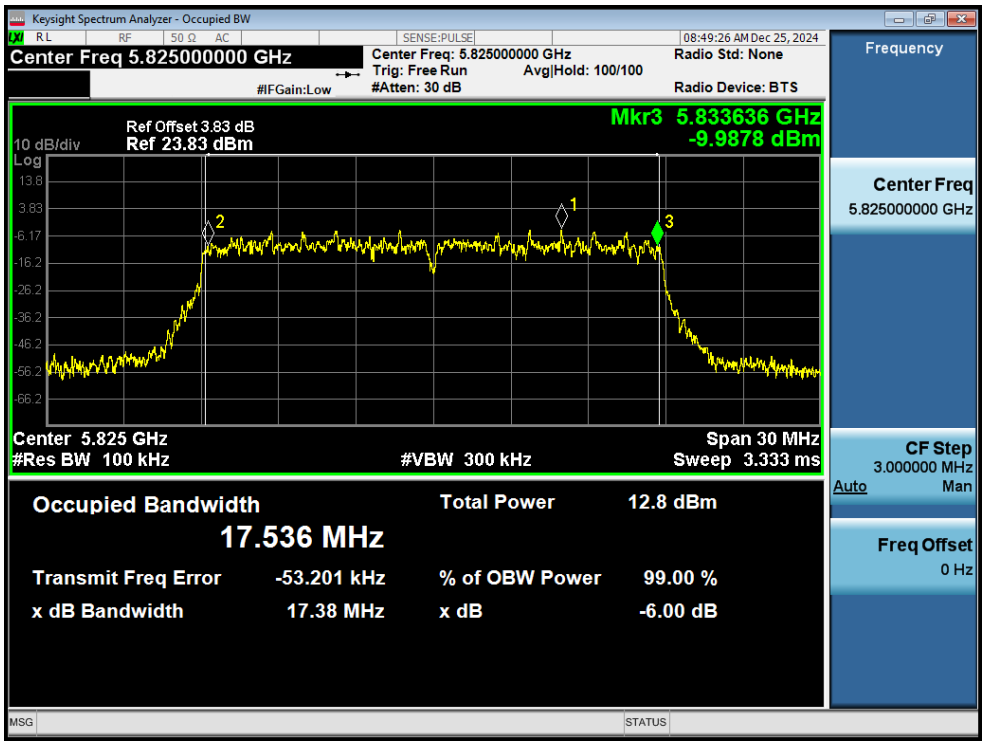
-6dB Bandwidth NVNT n20 5825MHz Ant1



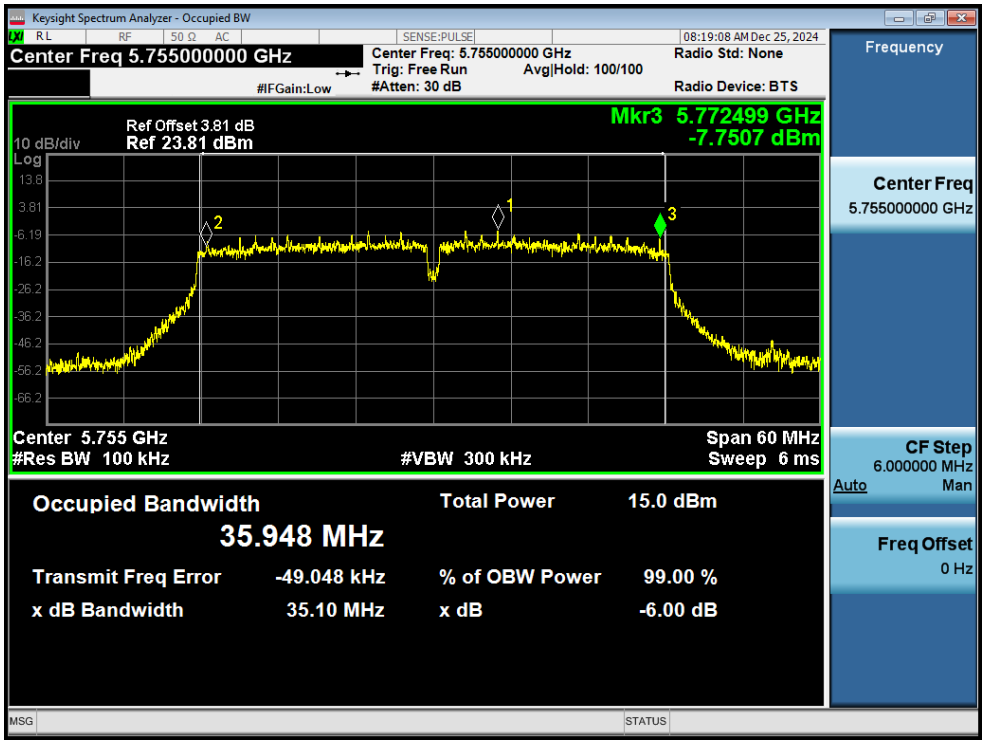
-6dB Bandwidth NVNT n20 5745MHz Ant2



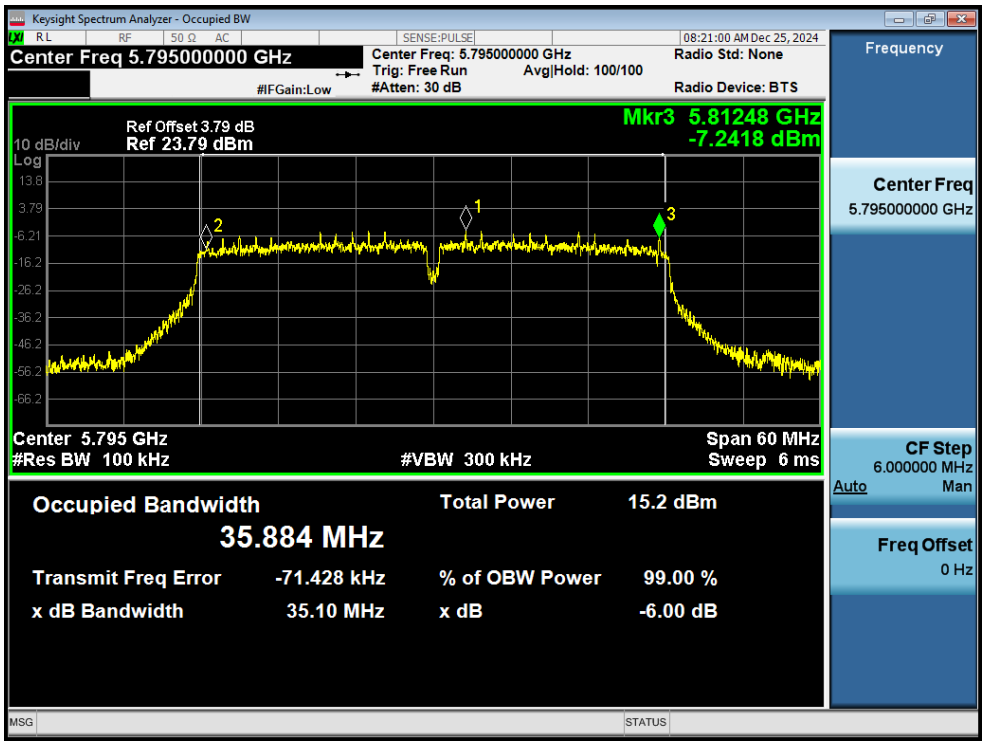
-6dB Bandwidth NVNT n20 5785MHz Ant2



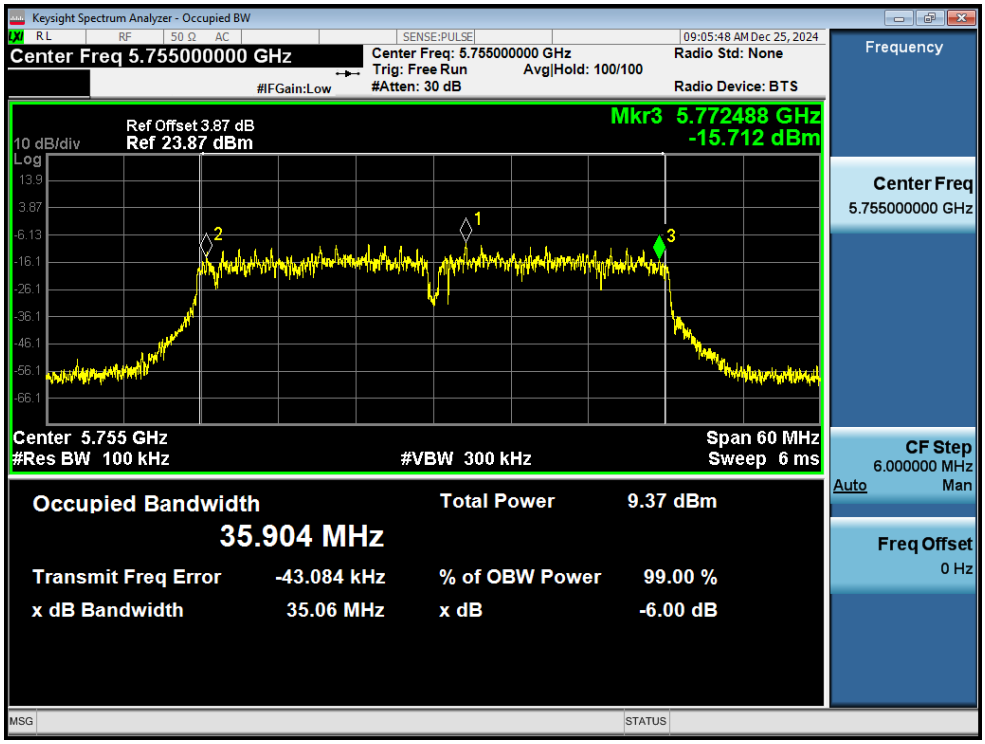
-6dB Bandwidth NVNT n20 5825MHz Ant2



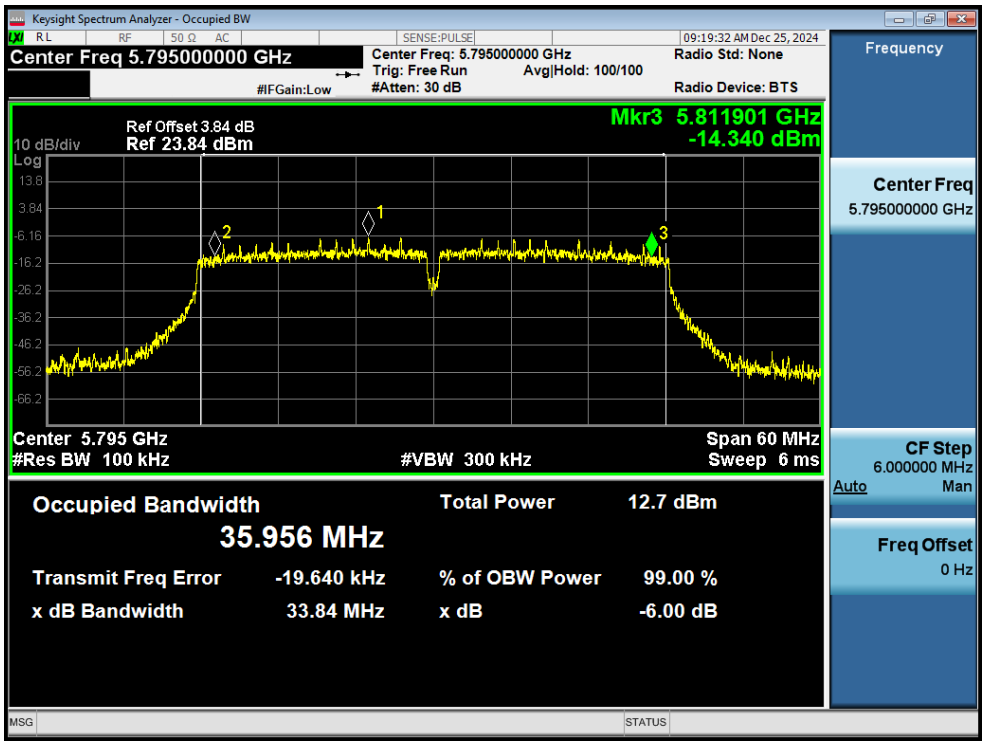
-6dB Bandwidth NVNT n40 5755MHz Ant1



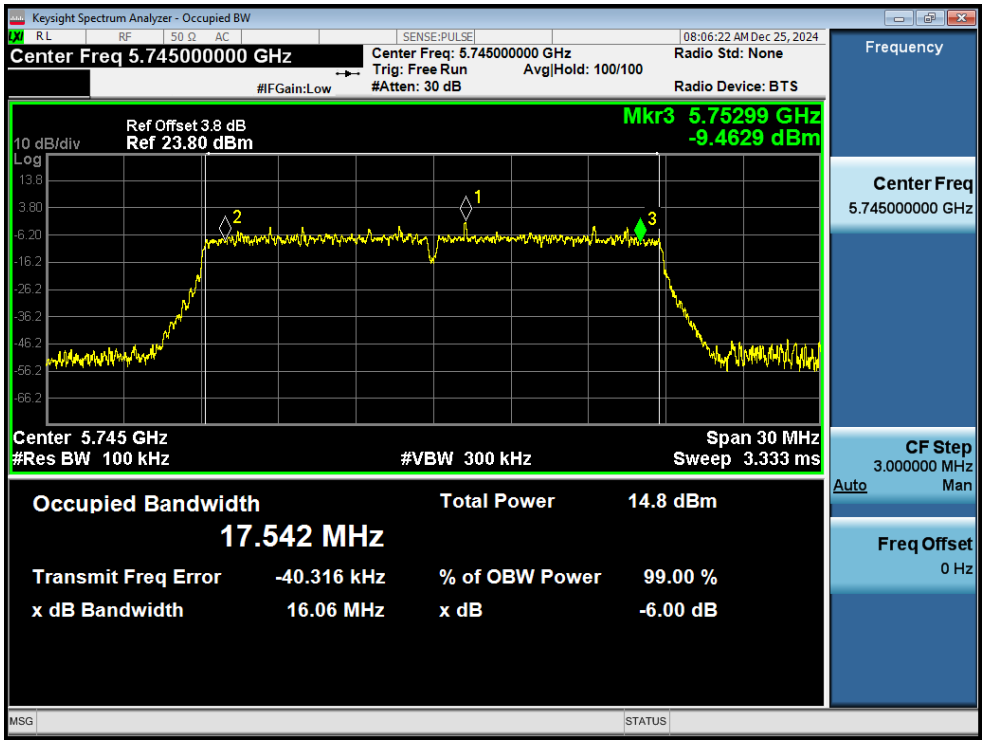
-6dB Bandwidth NVNT n40 5795MHz Ant1



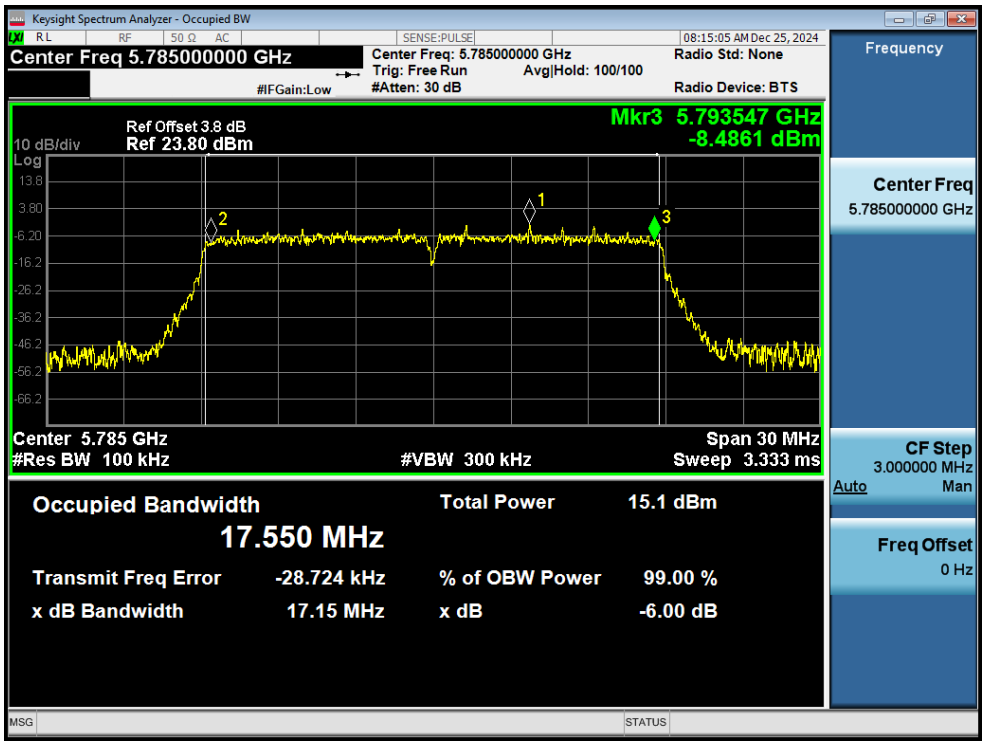
-6dB Bandwidth NVNT n40 5755MHz Ant2



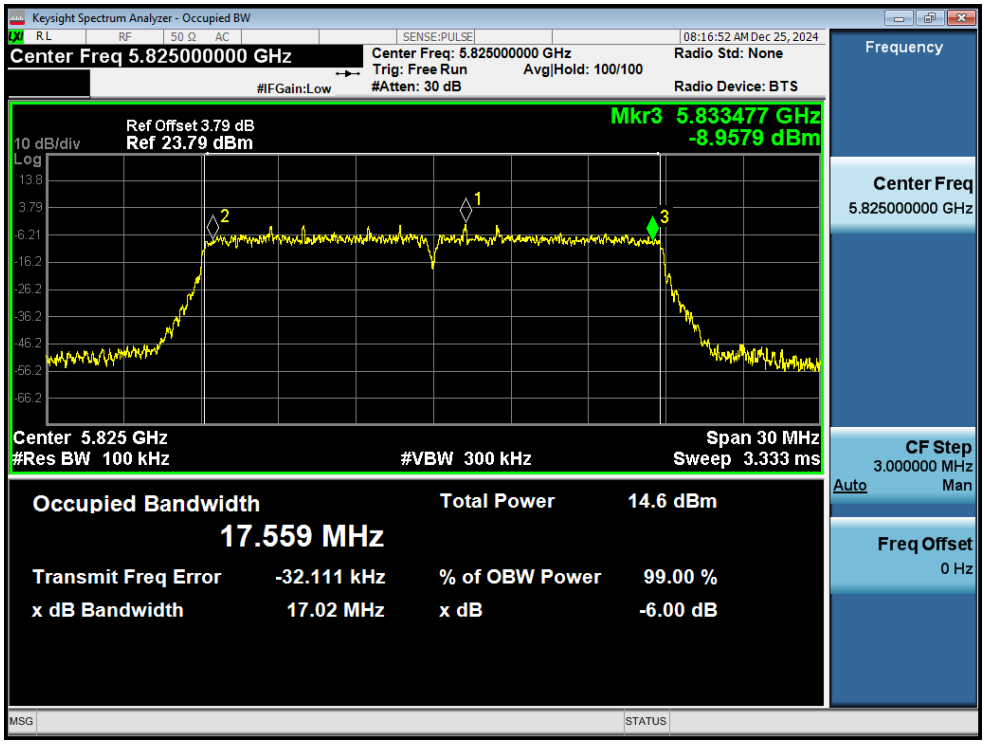
-6dB Bandwidth NVNT n40 5795MHz Ant2



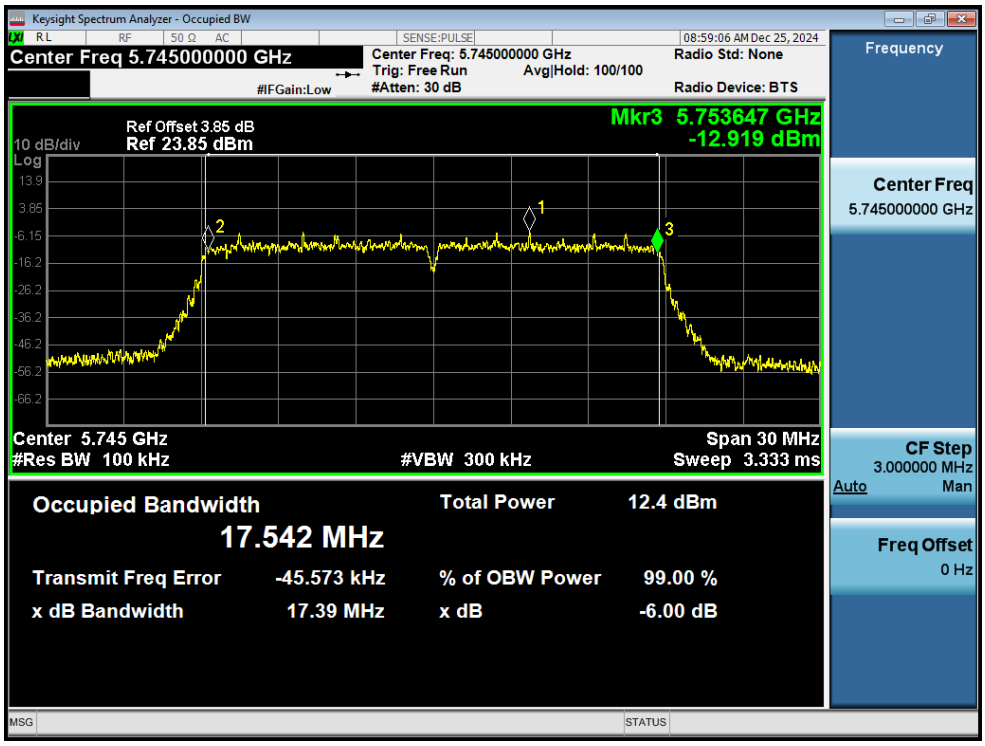
-6dB Bandwidth NVNT ac20 5745MHz Ant1



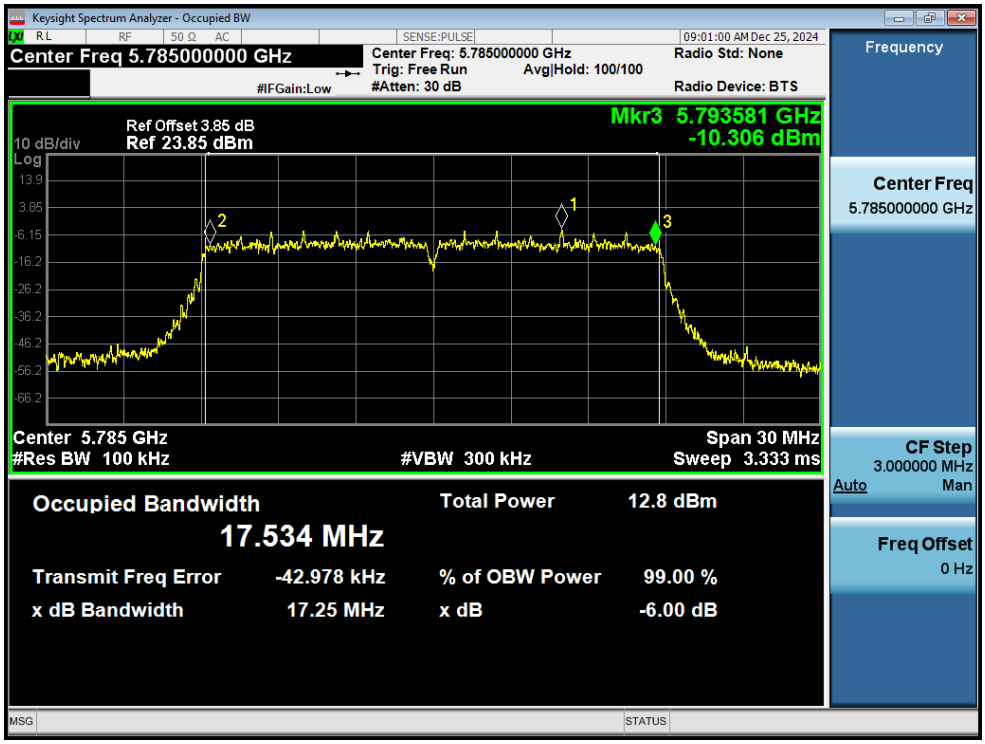
-6dB Bandwidth NVNT ac20 5785MHz Ant1



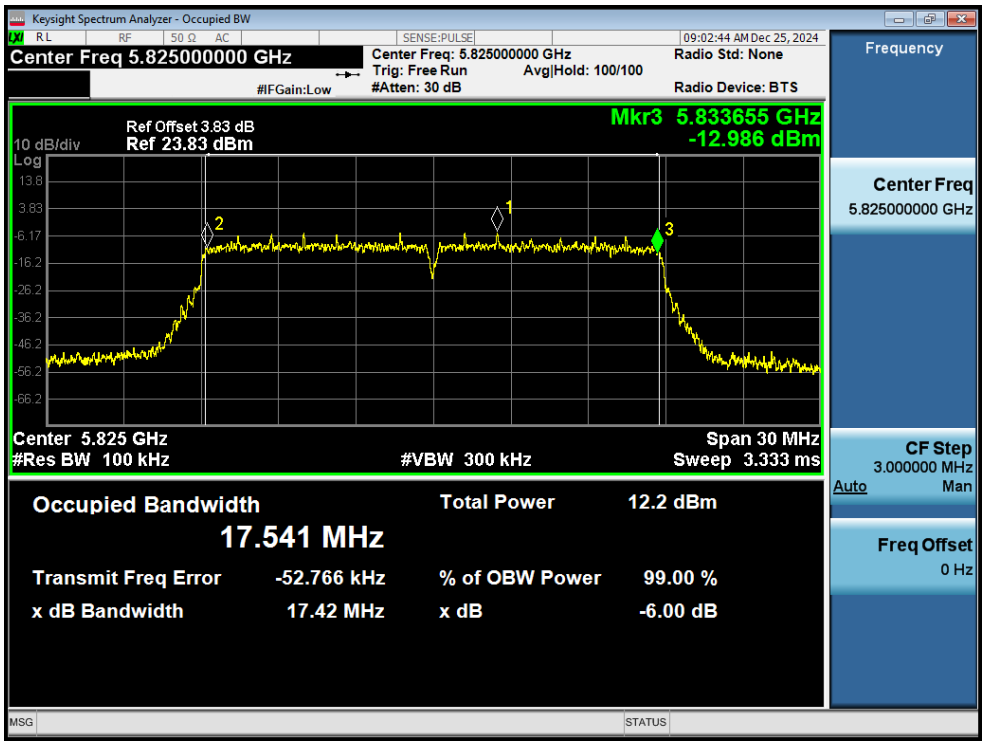
-6dB Bandwidth NVNT ac20 5825MHz Ant1



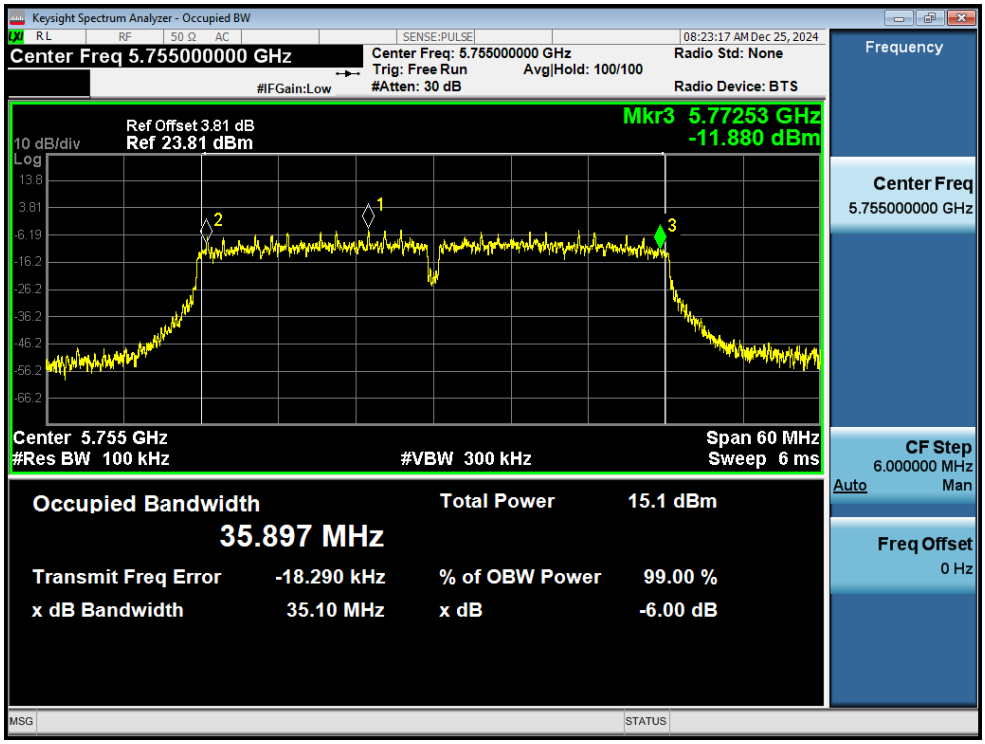
-6dB Bandwidth NVNT ac20 5745MHz Ant2



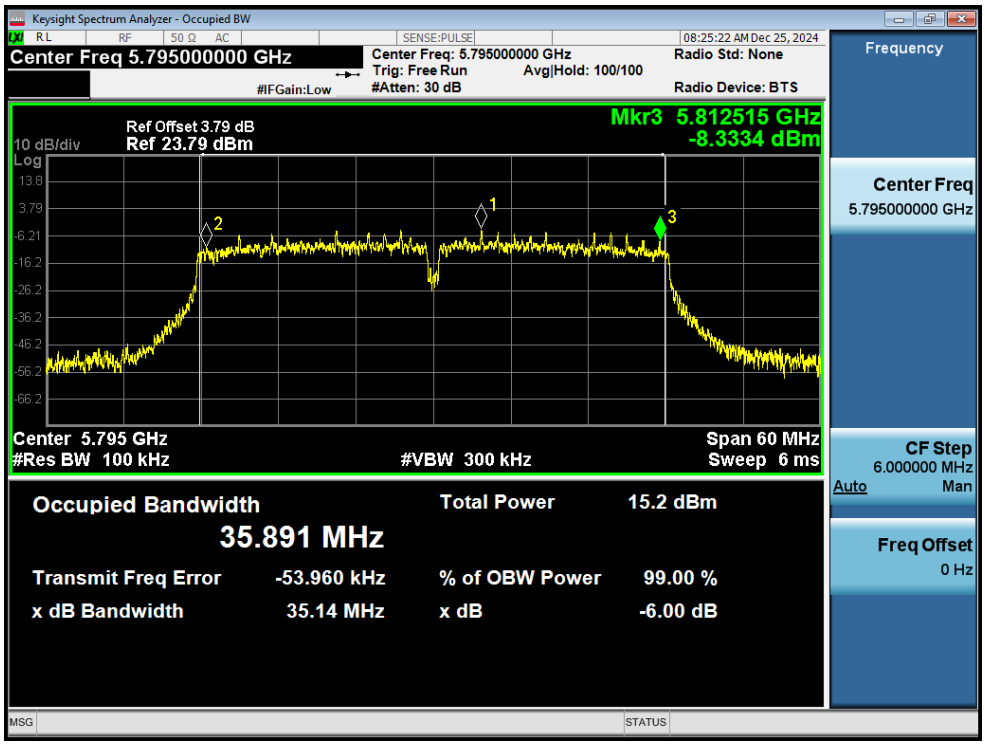
-6dB Bandwidth NVNT ac20 5785MHz Ant2



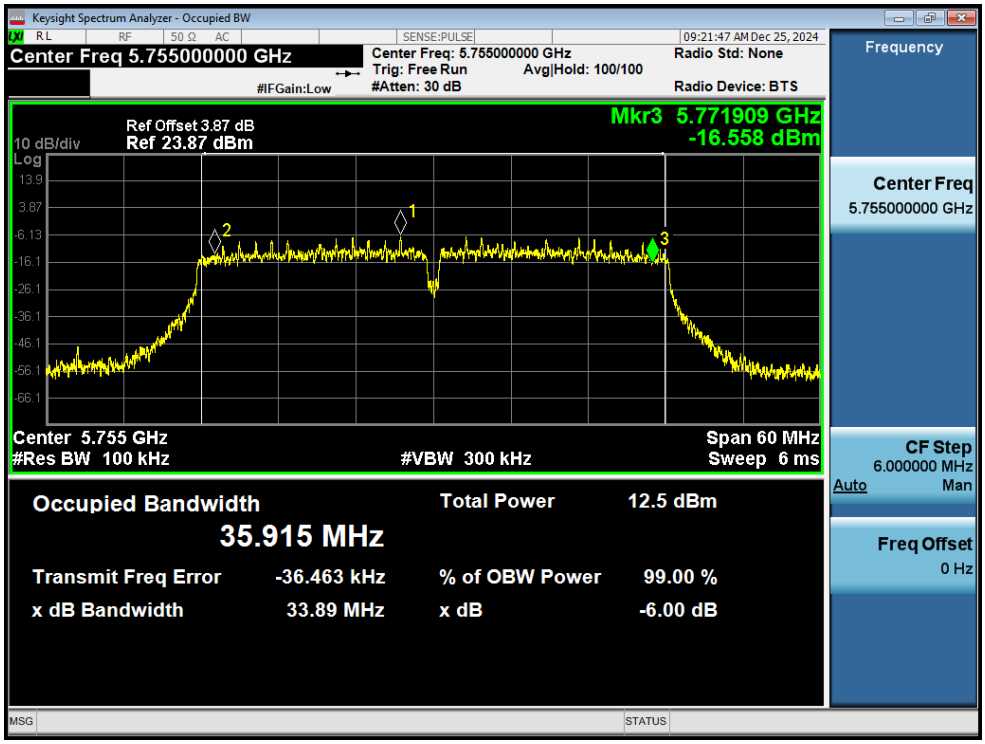
-6dB Bandwidth NVNT ac20 5825MHz Ant2



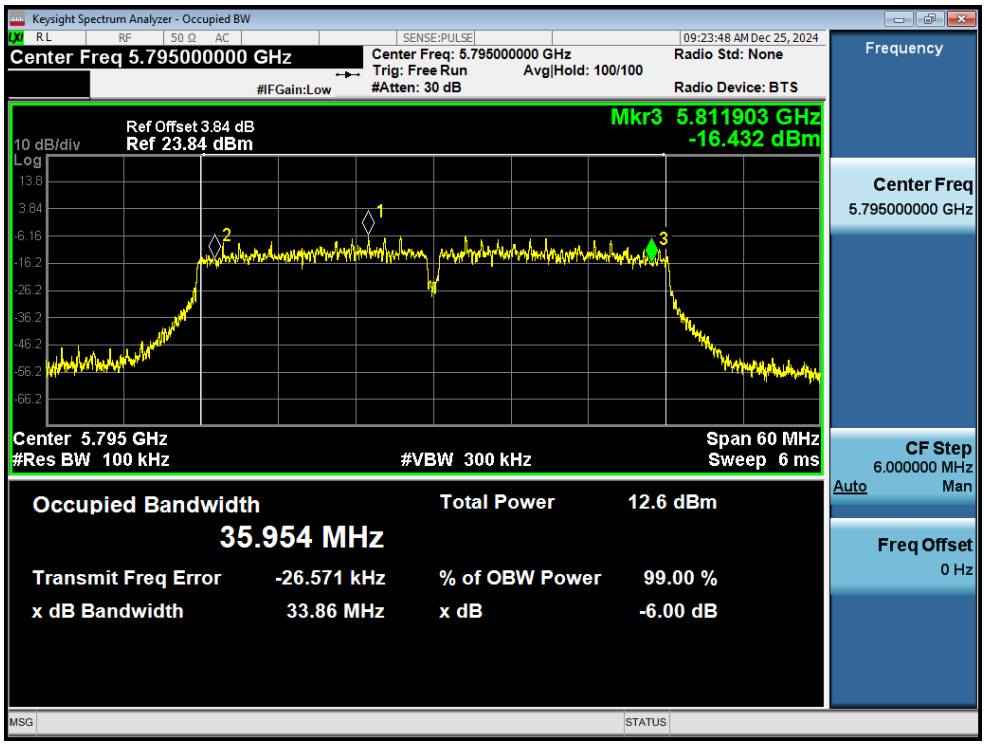
-6dB Bandwidth NVNT ac40 5755MHz Ant1



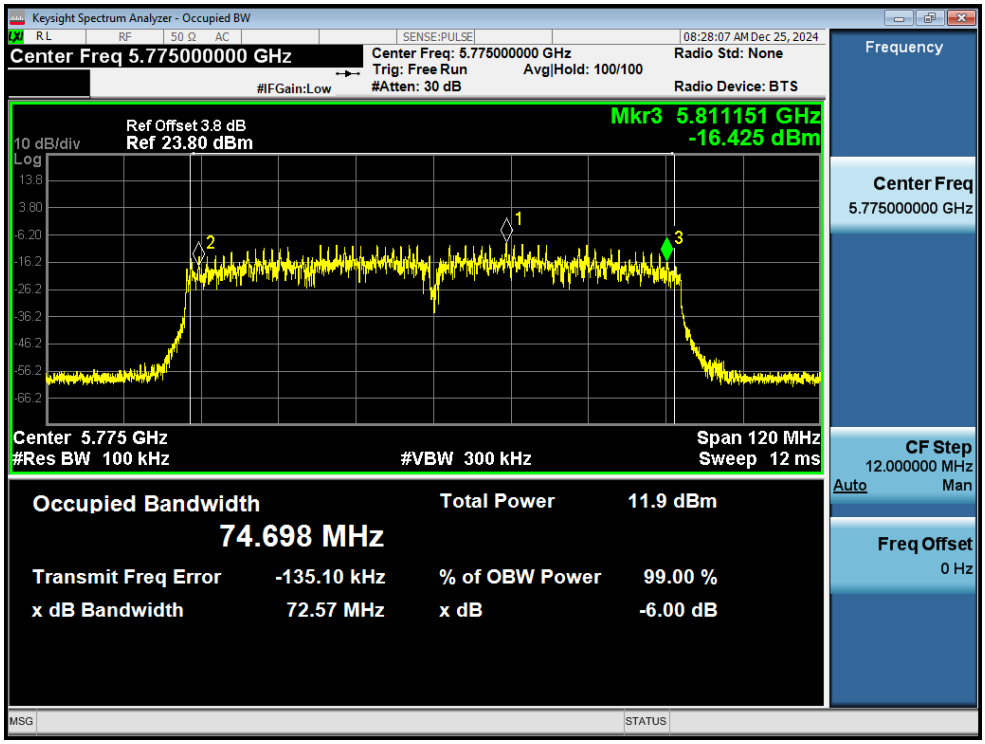
-6dB Bandwidth NVNT ac40 5795MHz Ant1



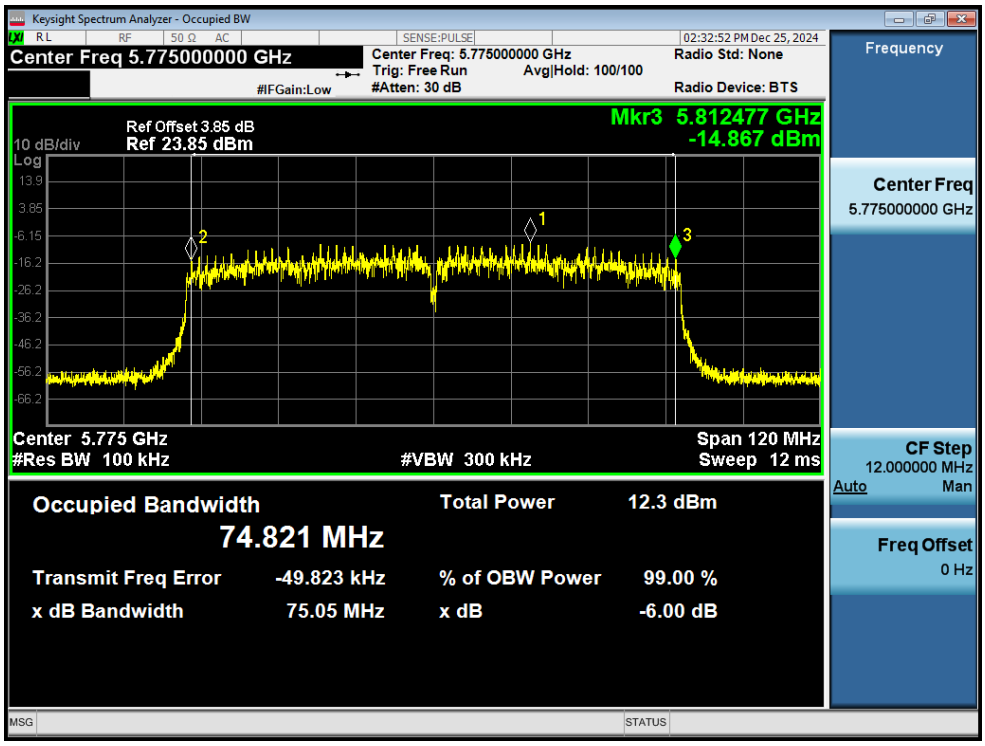
-6dB Bandwidth NVNT ac40 5755MHz Ant2



-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2