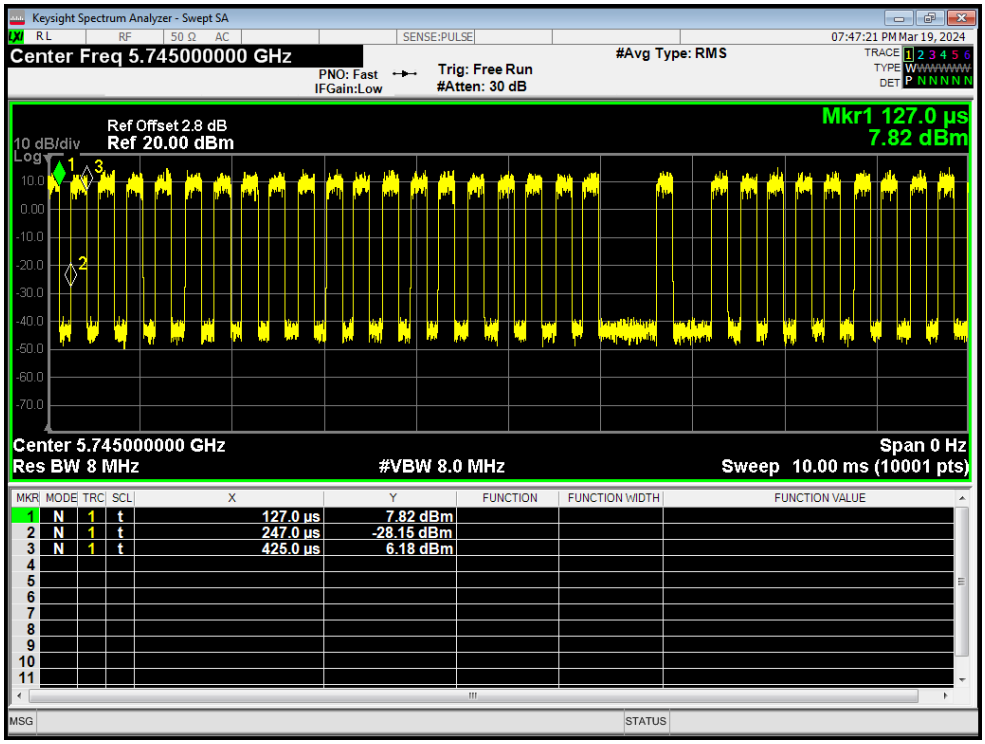
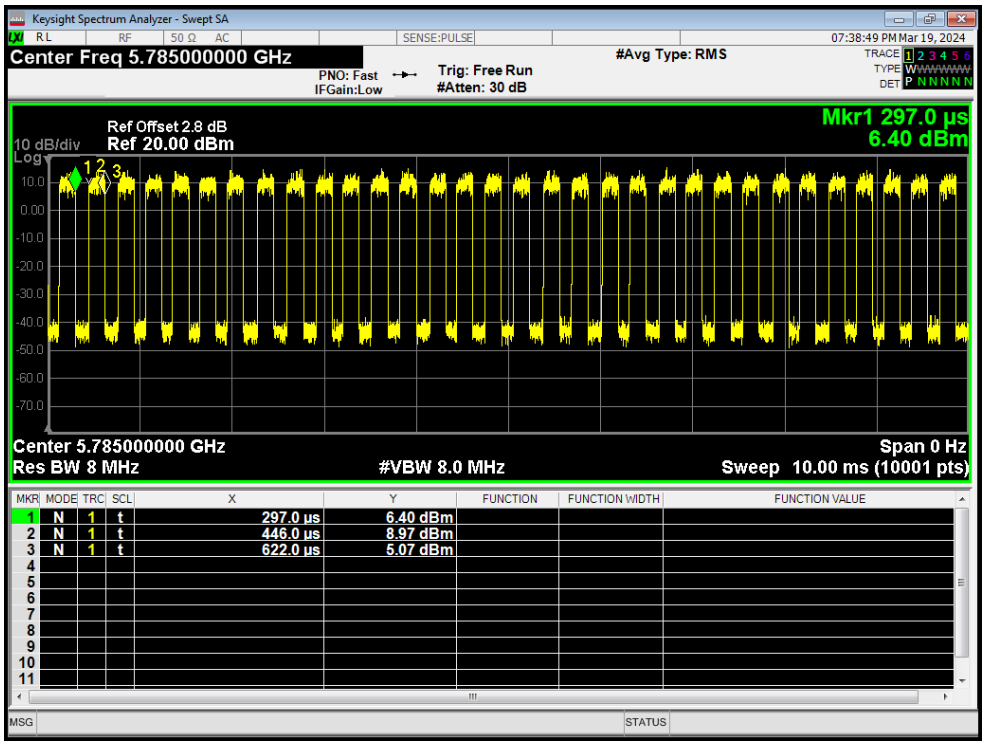
1. Duty Cycle

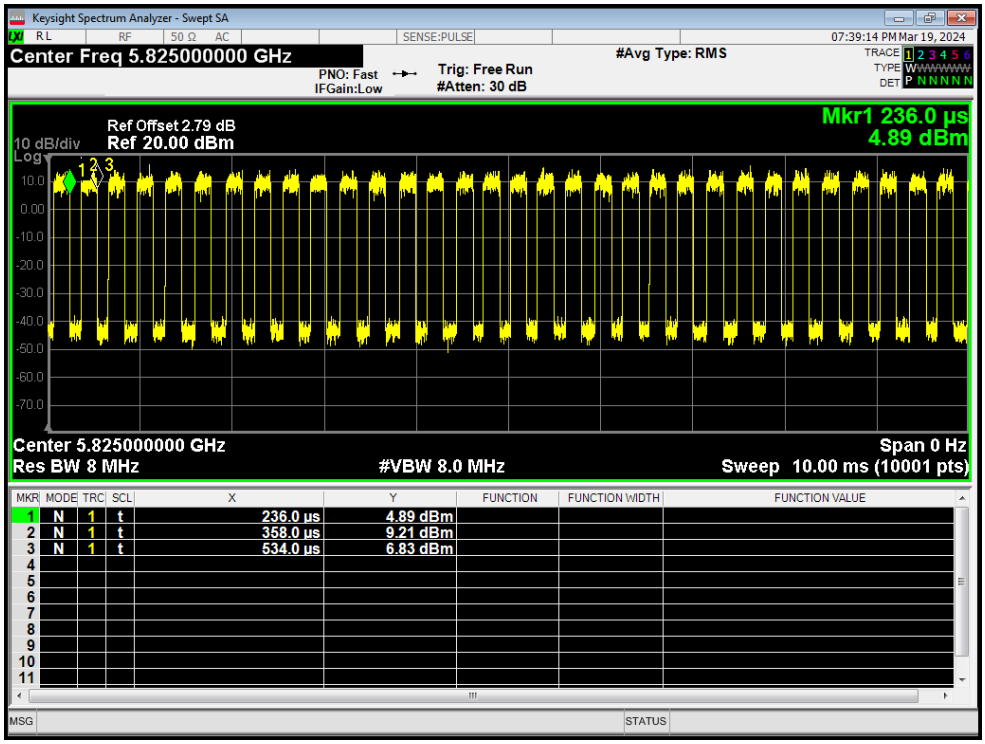
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	59.73	2.24	5.62
NVNT	a	5785	Ant1	54.15	2.66	5.68
NVNT	a	5825	Ant1	59.06	2.29	5.68
NVNT	n20	5745	Ant1	80.47	0.94	1.84
NVNT	n20	5785	Ant1	80.89	0.92	1.83
NVNT	n20	5825	Ant1	80.59	0.94	1.84
NVNT	n40	5755	Ant1	69.8	1.56	3.55
NVNT	n40	5795	Ant1	68.36	1.65	3.53
NVNT	ac20	5745	Ant1	78.68	1.04	2.15
NVNT	ac20	5785	Ant1	78.64	1.04	2.16
NVNT	ac20	5825	Ant1	80.21	0.96	2.15
NVNT	ac40	5755	Ant1	65.36	1.85	4.27
NVNT	ac40	5795	Ant1	67.05	1.74	4.27
NVNT	ac80	5775	Ant1	48.51	3.14	7.69



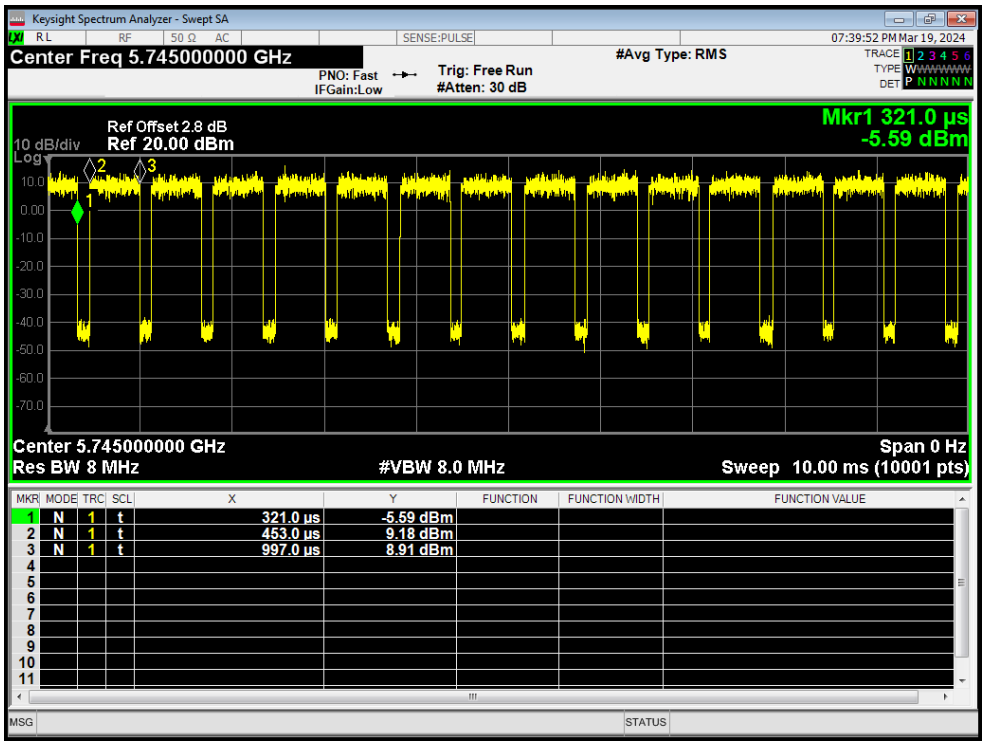
Duty Cycle NVNT a 5745MHz Ant1



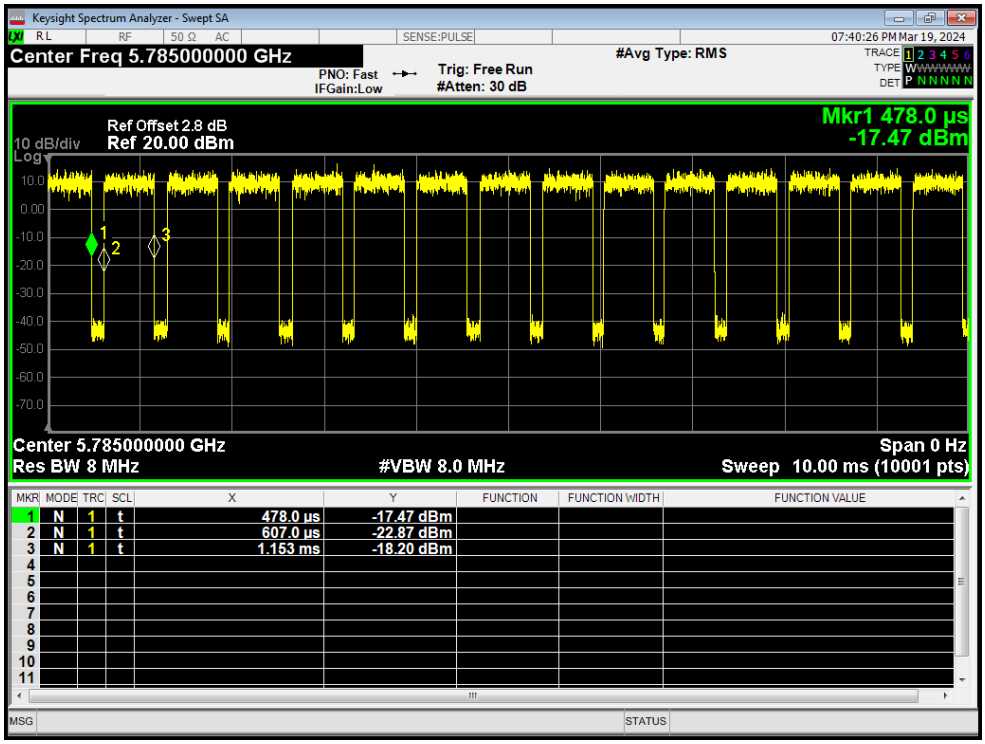
Duty Cycle NVNT a 5785MHz Ant1



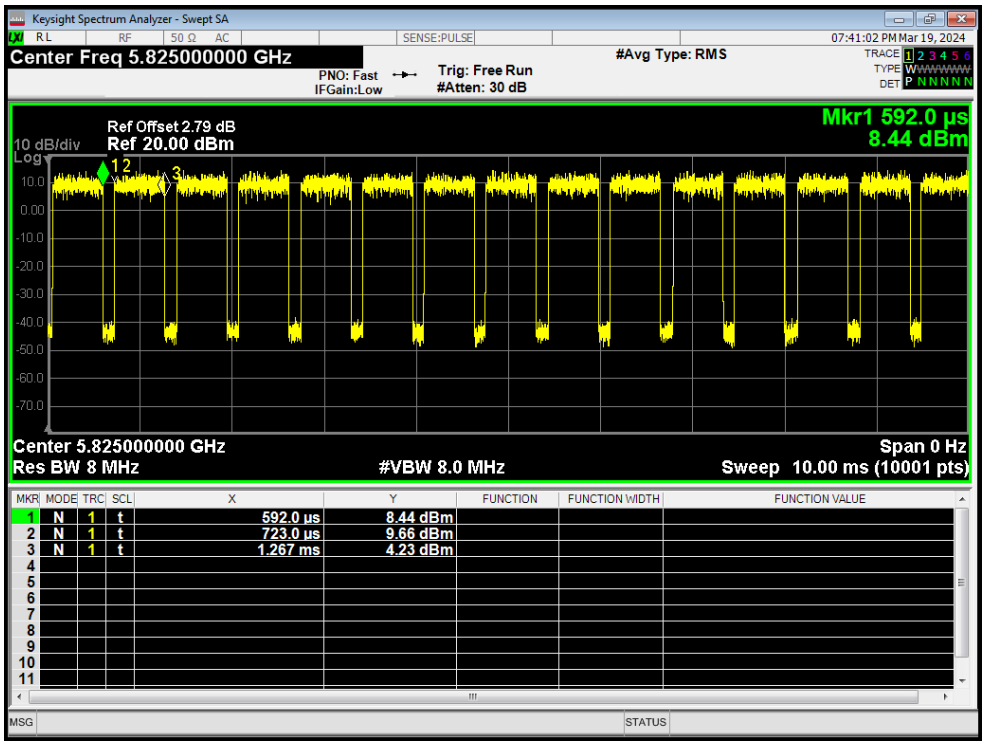
Duty Cycle NVNT a 5825MHz Ant1



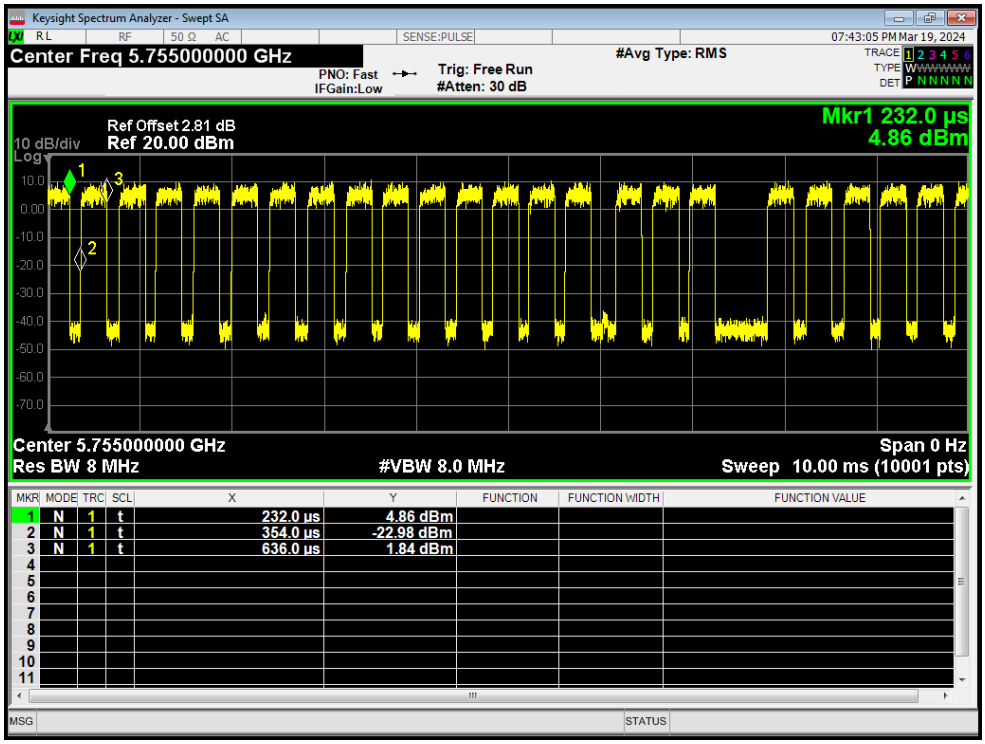
Duty Cycle NVNT n20 5745MHz Ant1



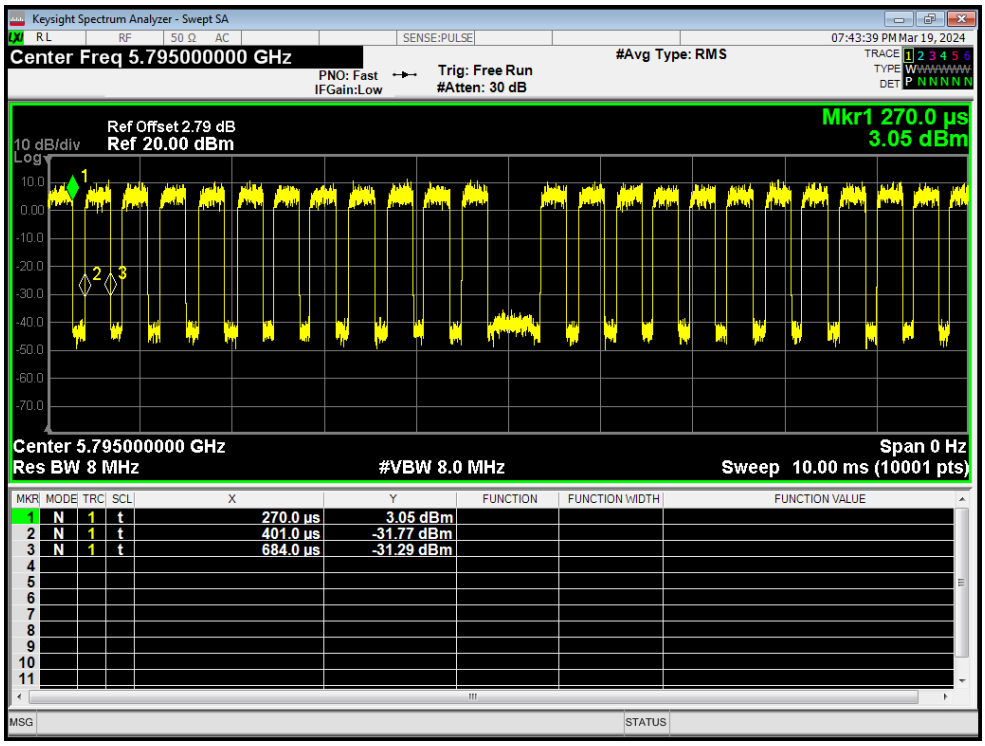
Duty Cycle NVNT n20 5785MHz Ant1



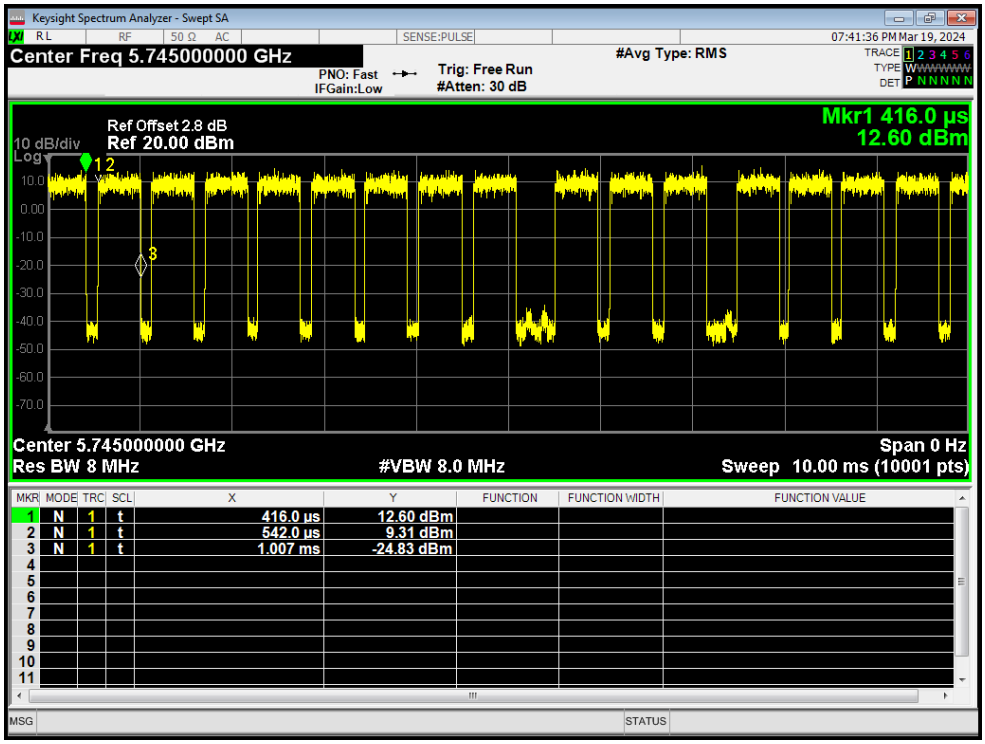
Duty Cycle NVNT n20 5825MHz Ant1



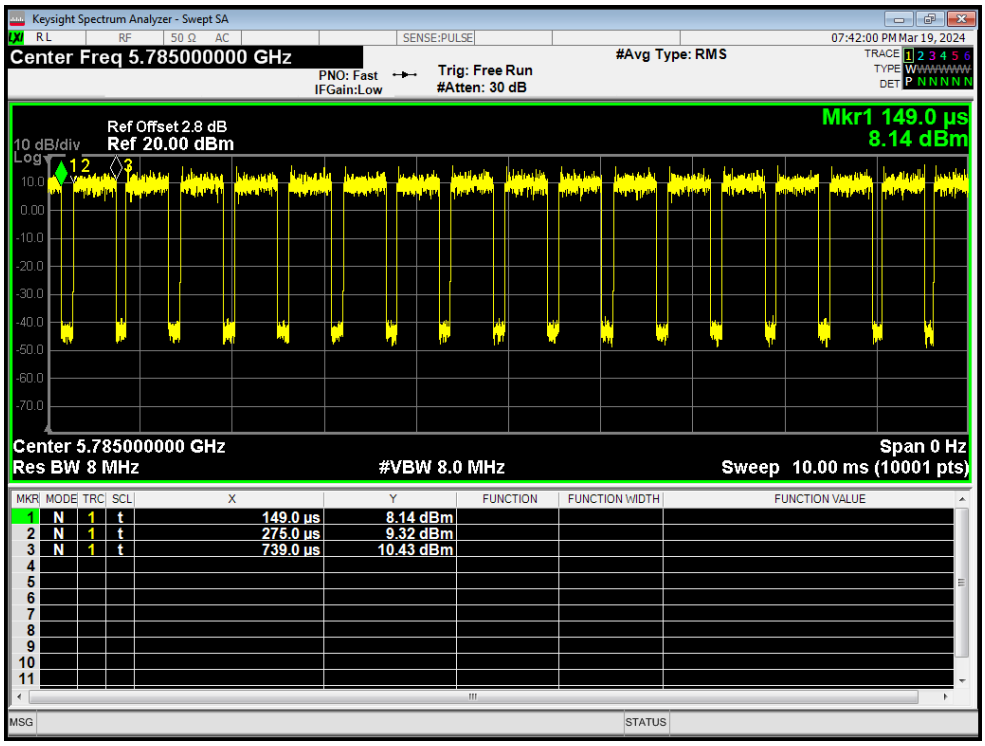
Duty Cycle NVNT n40 5755MHz Ant1



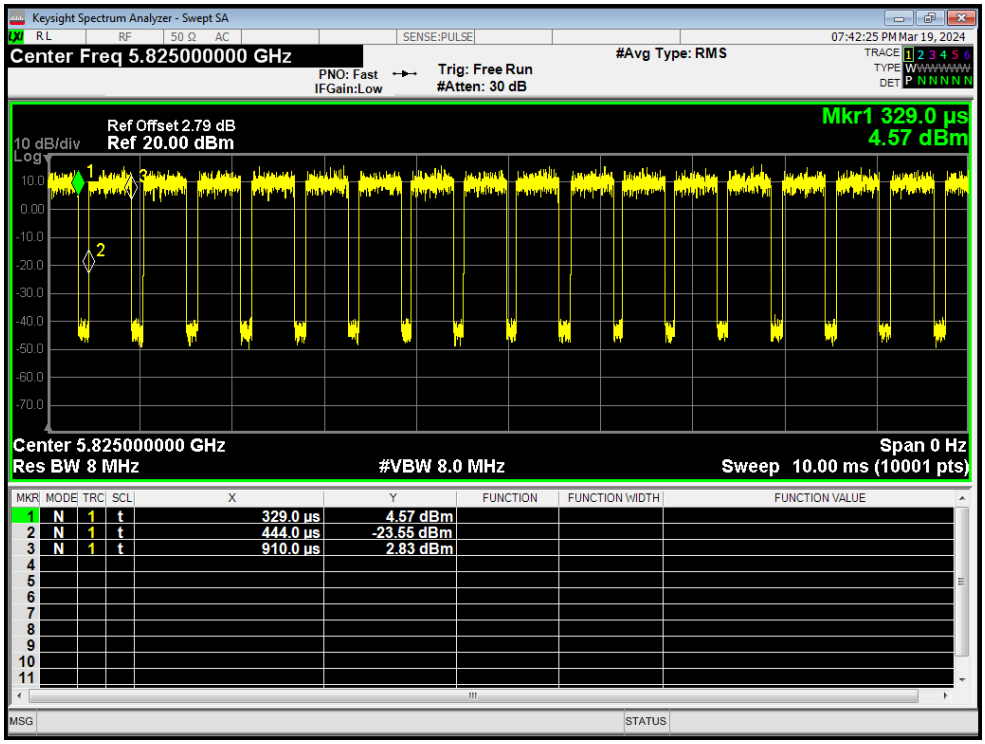
Duty Cycle NVNT n40 5795MHz Ant1



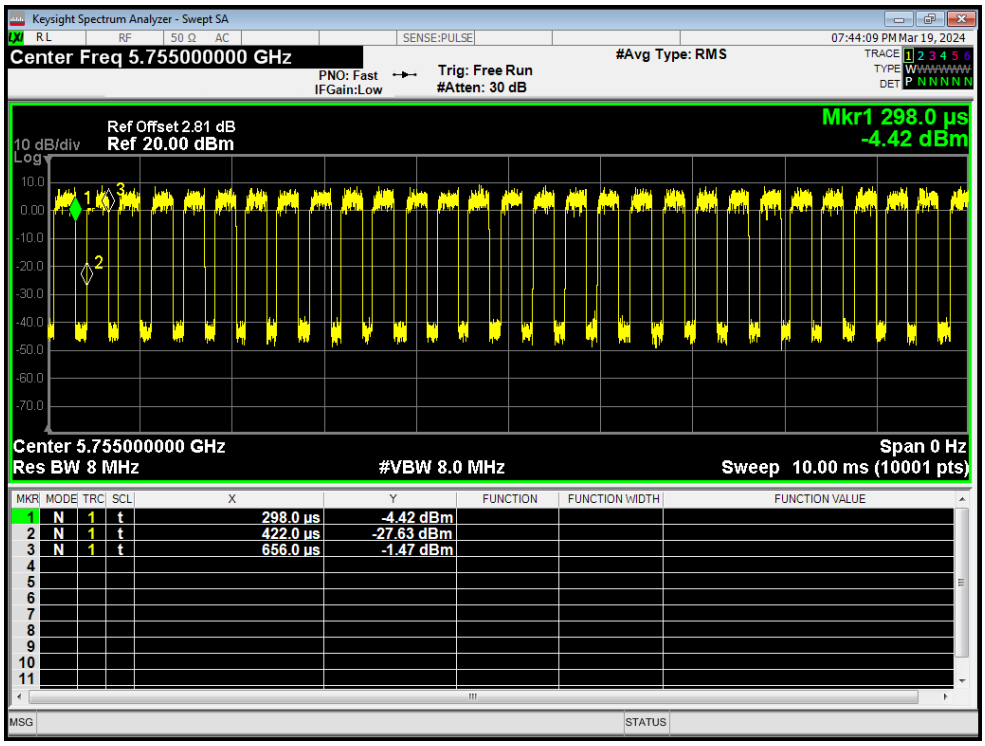
Duty Cycle NVNT ac20 5745MHz Ant1



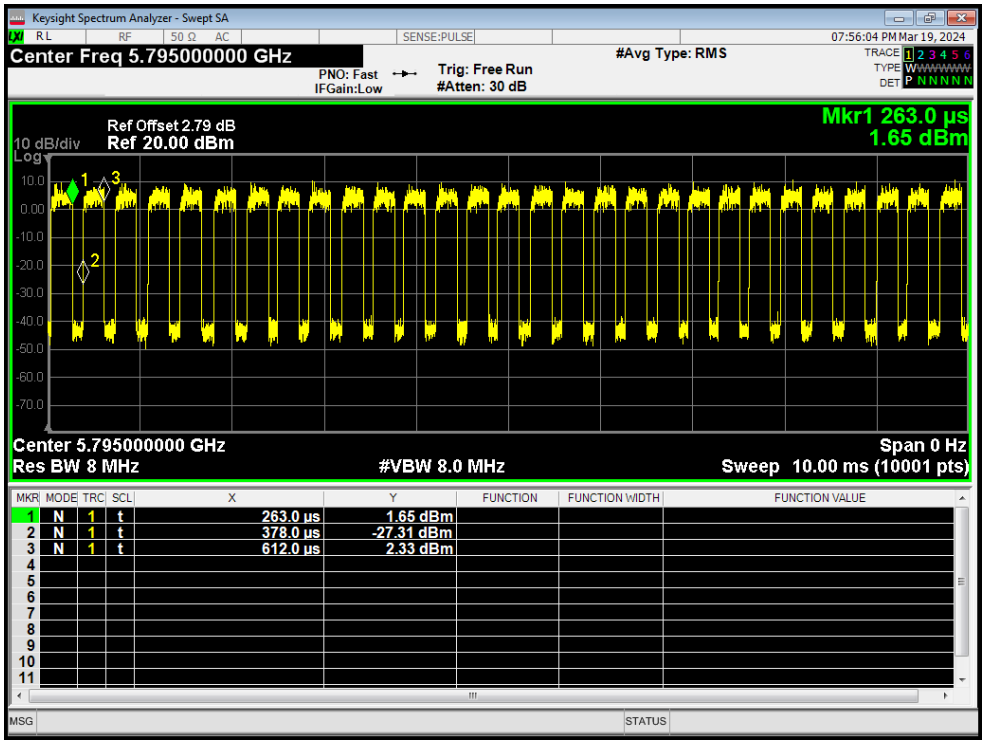
Duty Cycle NVNT ac20 5785MHz Ant1



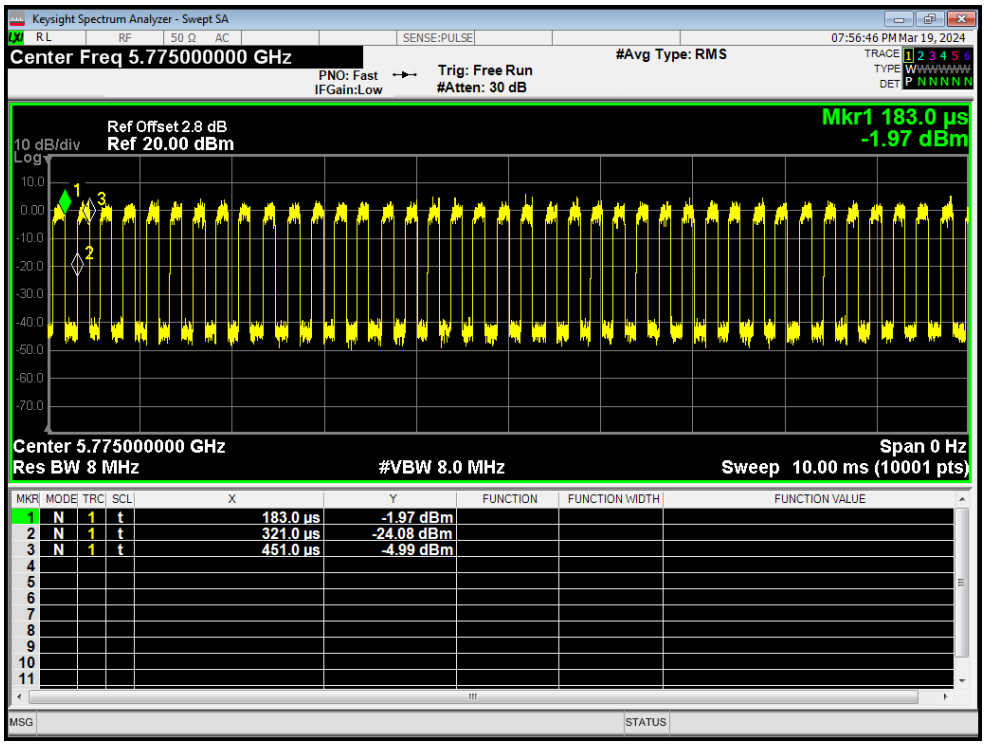
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



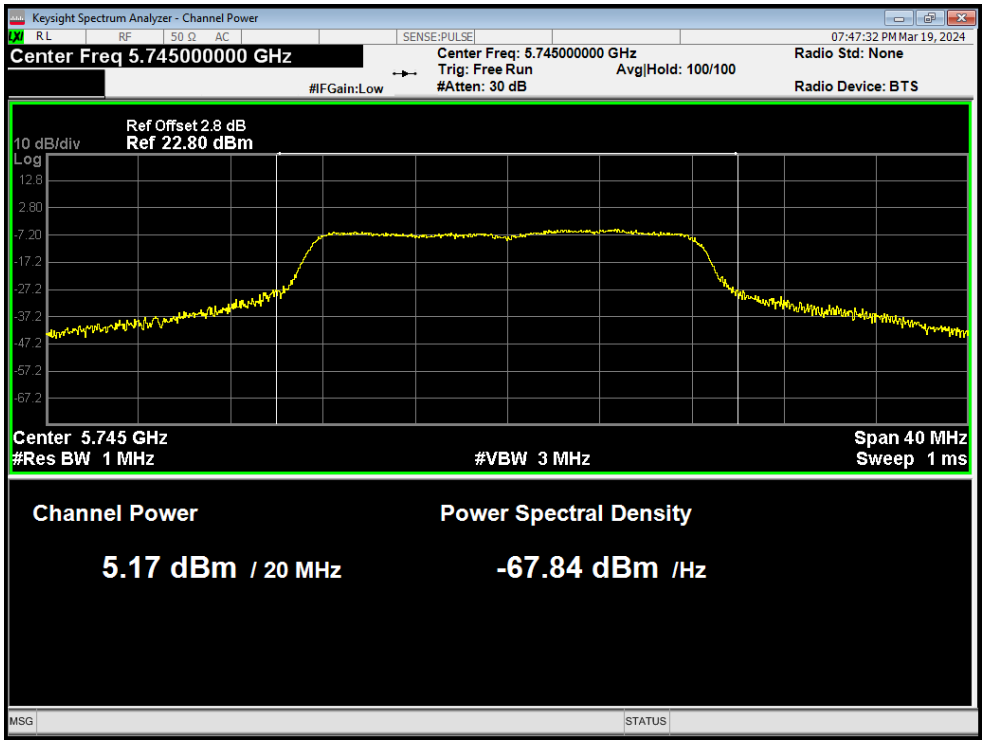
Duty Cycle NVNT ac40 5795MHz Ant1



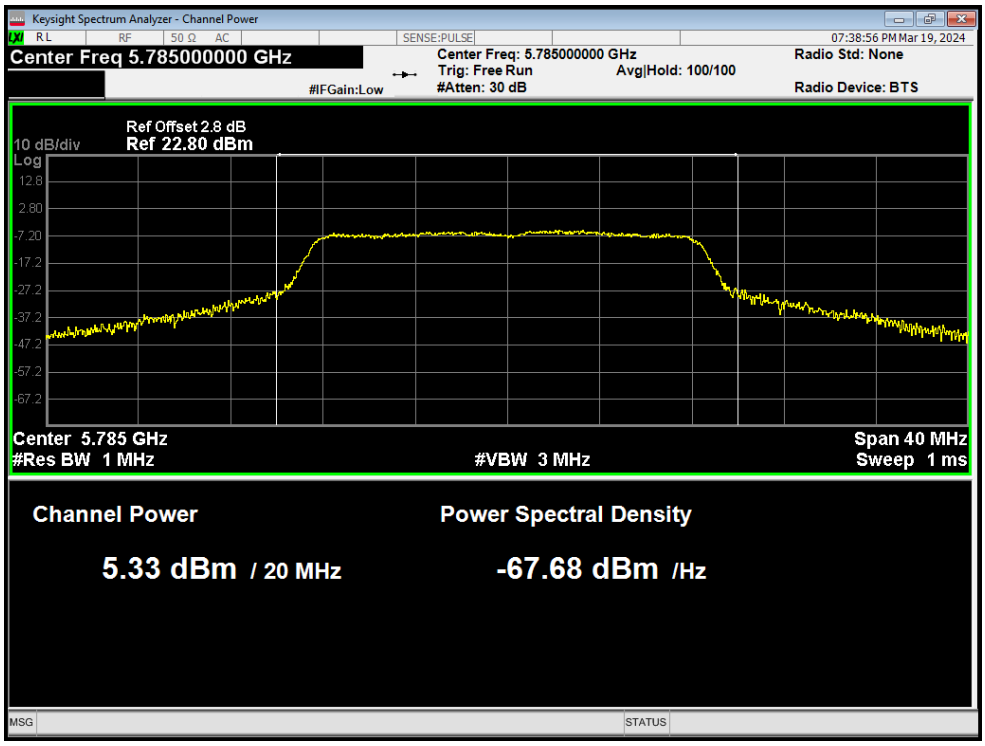
Duty Cycle NVNT ac80 5775MHz Ant1

2. Maximum Conducted Output Power

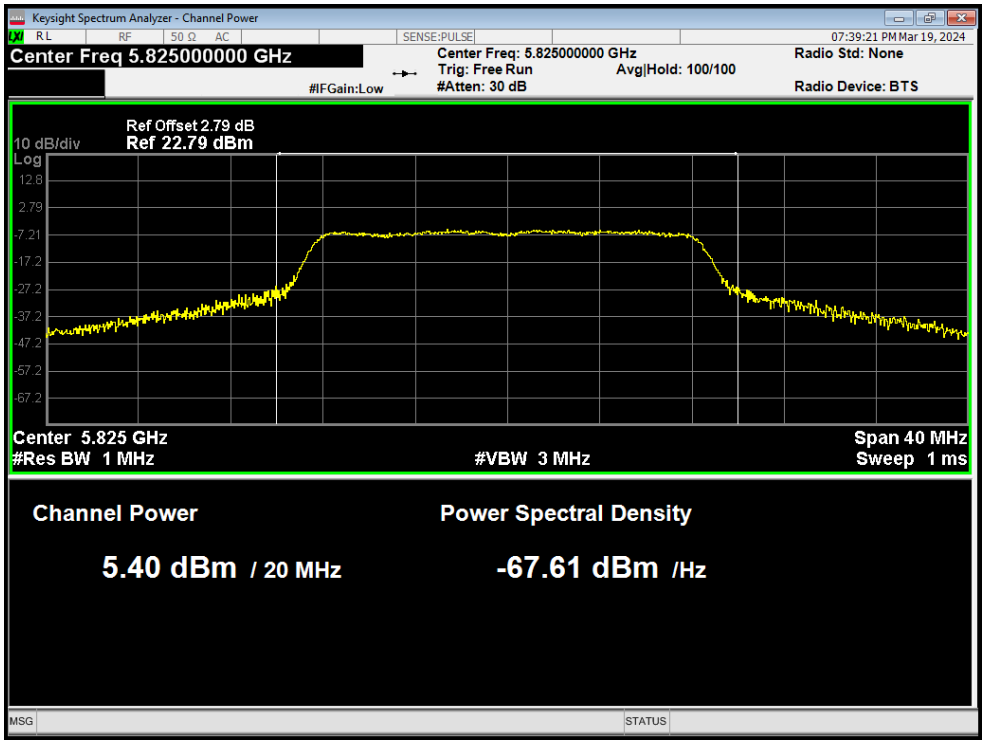
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5.17	2.24	7.41	30	Pass
NVNT	a	5785	Ant1	5.33	2.66	7.99	30	Pass
NVNT	a	5825	Ant1	5.4	2.29	7.69	30	Pass
NVNT	n20	5745	Ant1	6.77	0.94	7.71	30	Pass
NVNT	n20	5785	Ant1	7.35	0.92	8.27	30	Pass
NVNT	n20	5825	Ant1	7.11	0.94	8.05	30	Pass
NVNT	n40	5755	Ant1	6.36	1.56	7.92	30	Pass
NVNT	n40	5795	Ant1	6.44	1.65	8.09	30	Pass
NVNT	ac20	5745	Ant1	6.73	1.04	7.77	30	Pass
NVNT	ac20	5785	Ant1	7.23	1.04	8.27	30	Pass
NVNT	ac20	5825	Ant1	7.18	0.96	8.14	30	Pass
NVNT	ac40	5755	Ant1	4.59	1.85	6.44	30	Pass
NVNT	ac40	5795	Ant1	5.16	1.74	6.9	30	Pass
NVNT	ac80	5775	Ant1	1.93	3.14	5.07	30	Pass



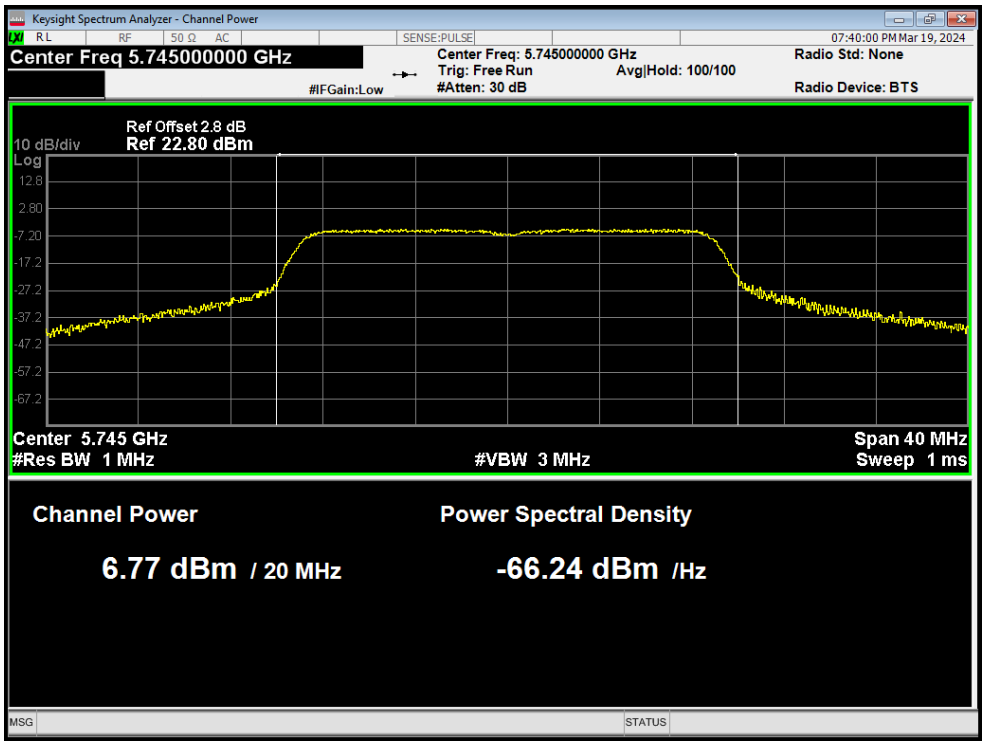
Power NVNT a 5745MHz Ant1



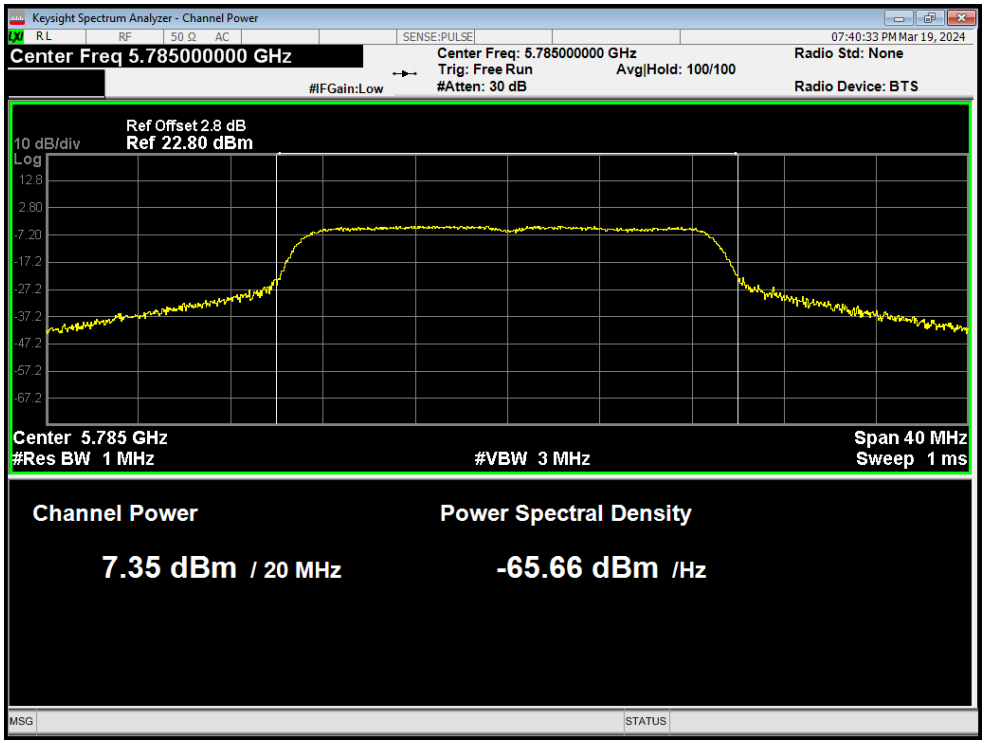
Power NVNT a 5785MHz Ant1



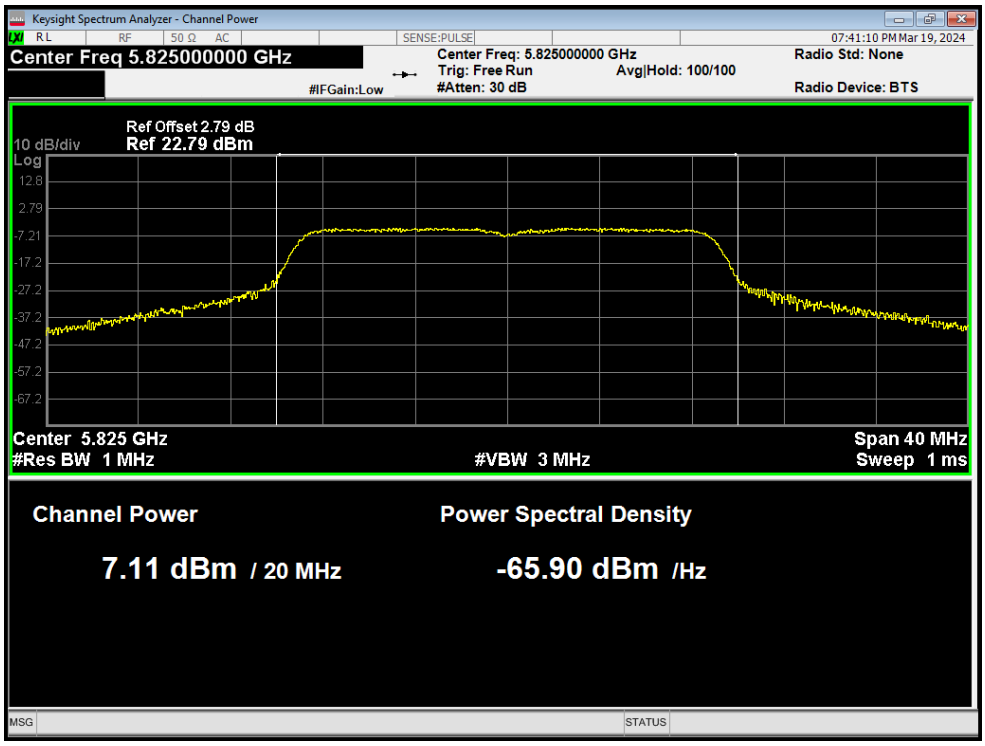
Power NVNT a 5825MHz Ant1



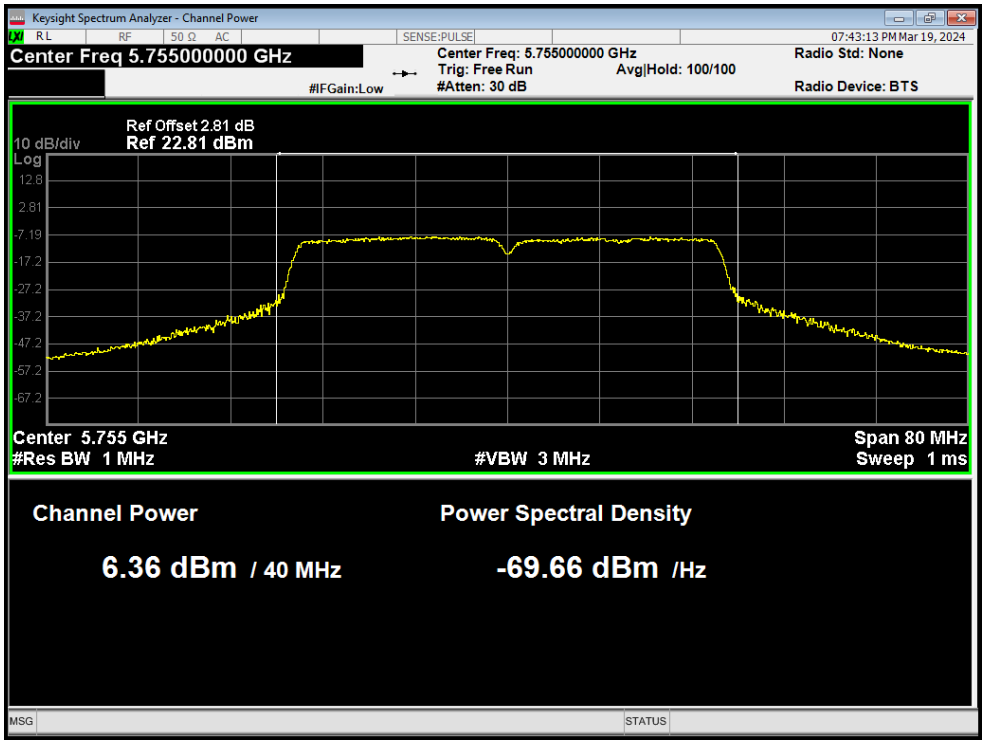
Power NVNT n20 5745MHz Ant1



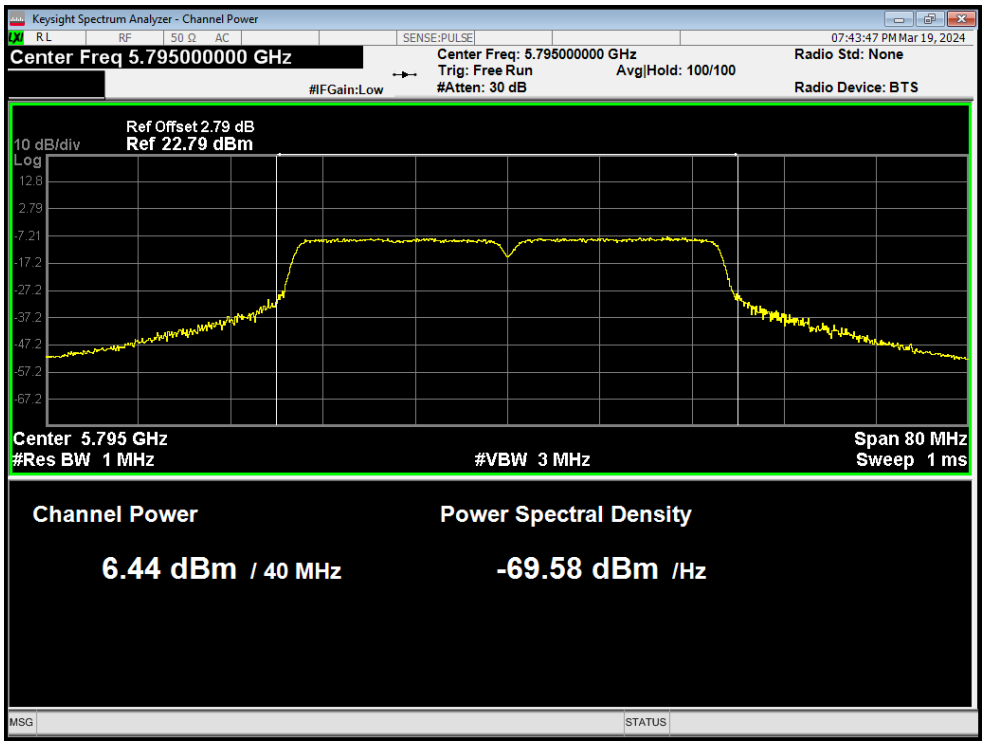
Power NVNT n20 5785MHz Ant1



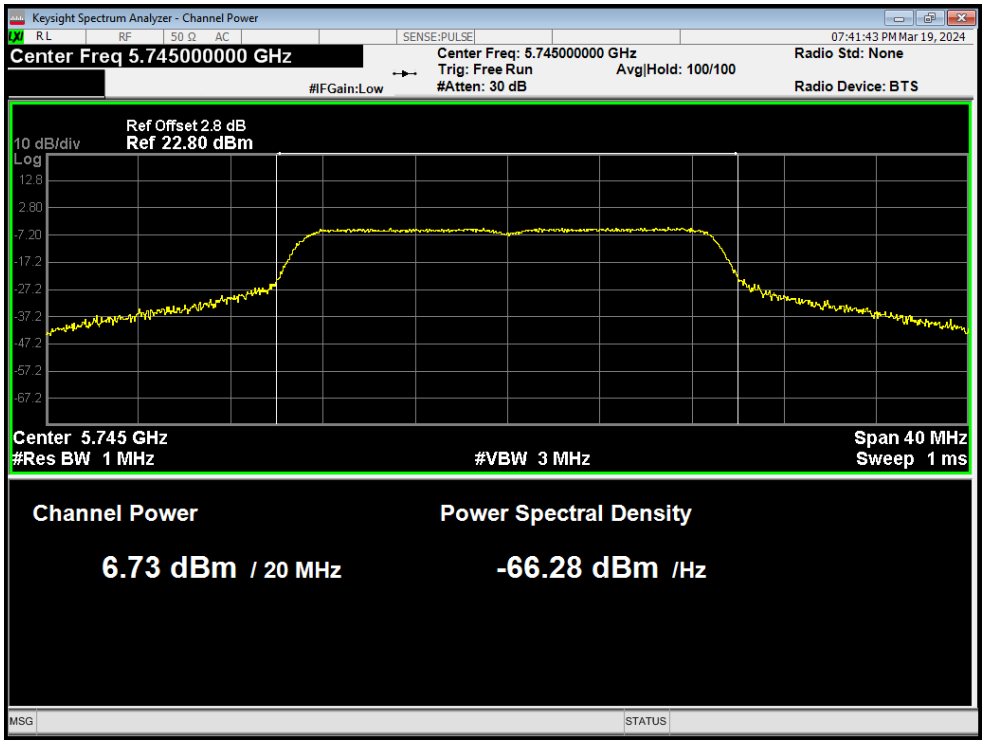
Power NVNT n20 5825MHz Ant1



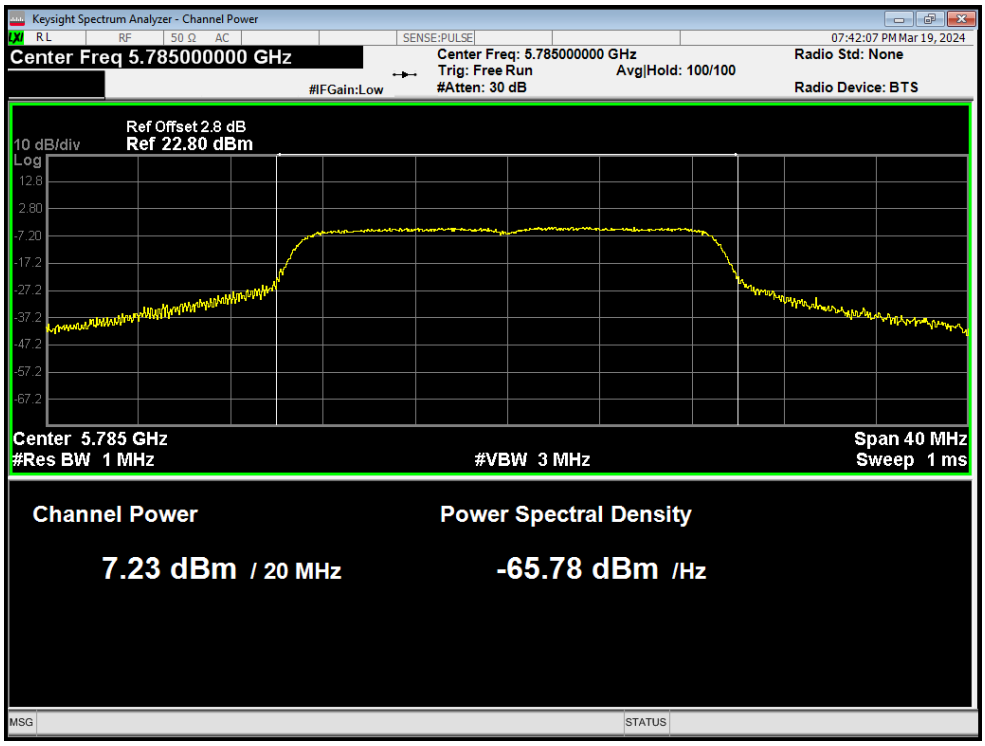
Power NVNT n40 5755MHz Ant1



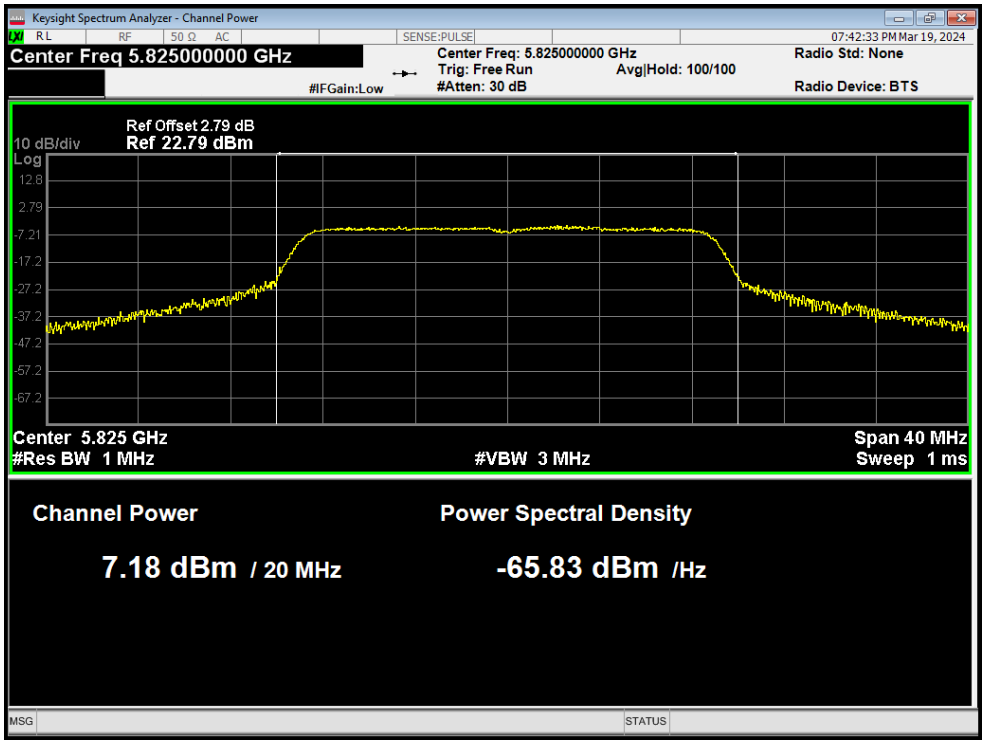
Power NVNT n40 5795MHz Ant1



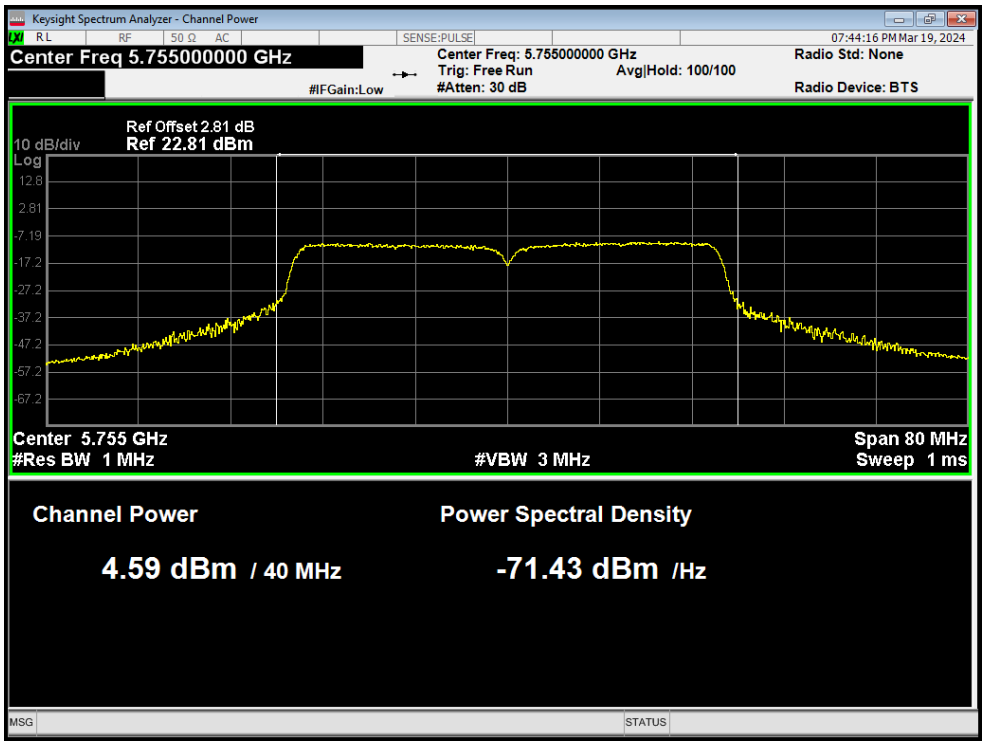
Power NVNT ac20 5745MHz Ant1



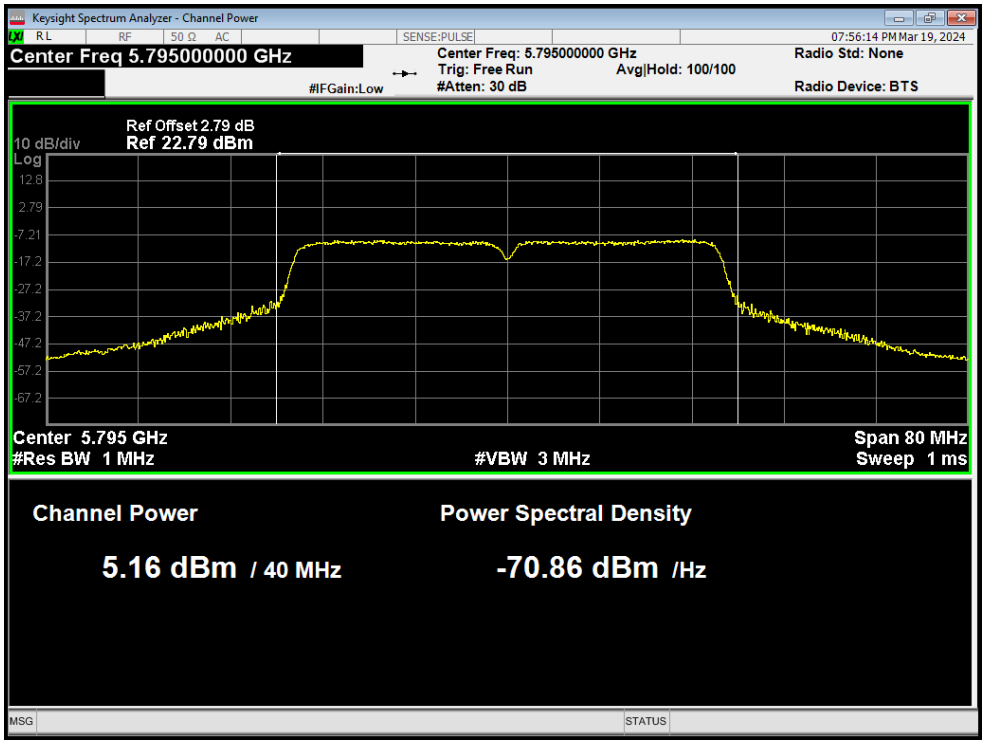
Power NVNT ac20 5785MHz Ant1



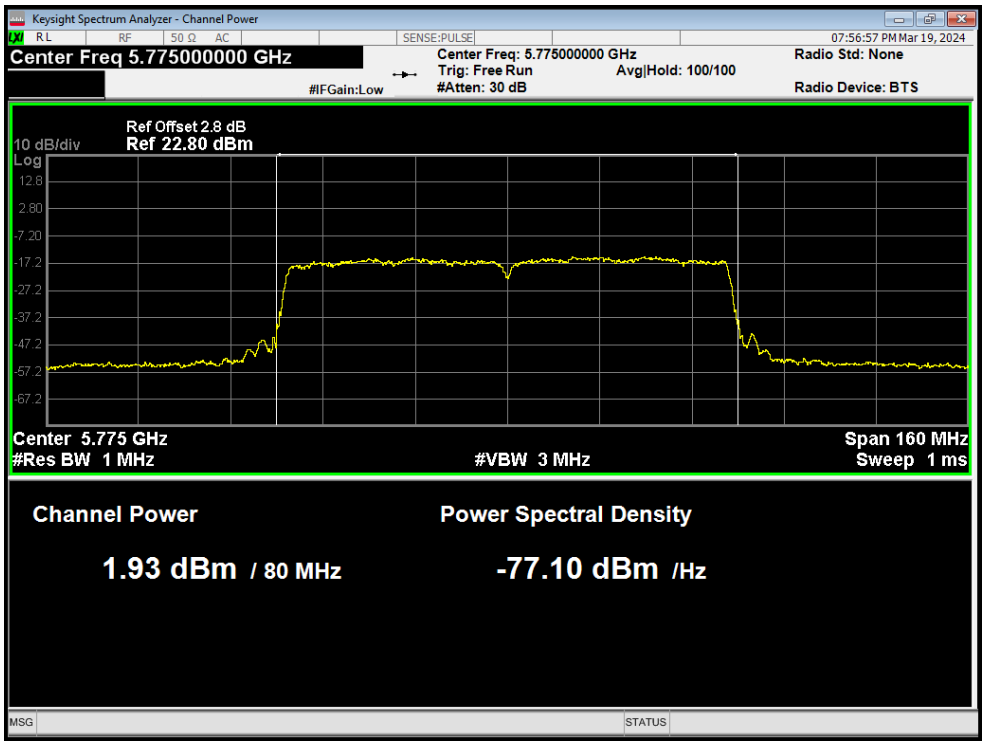
Power NVNT ac20 5825MHz Ant1



Power NVNT ac40 5755MHz Ant1



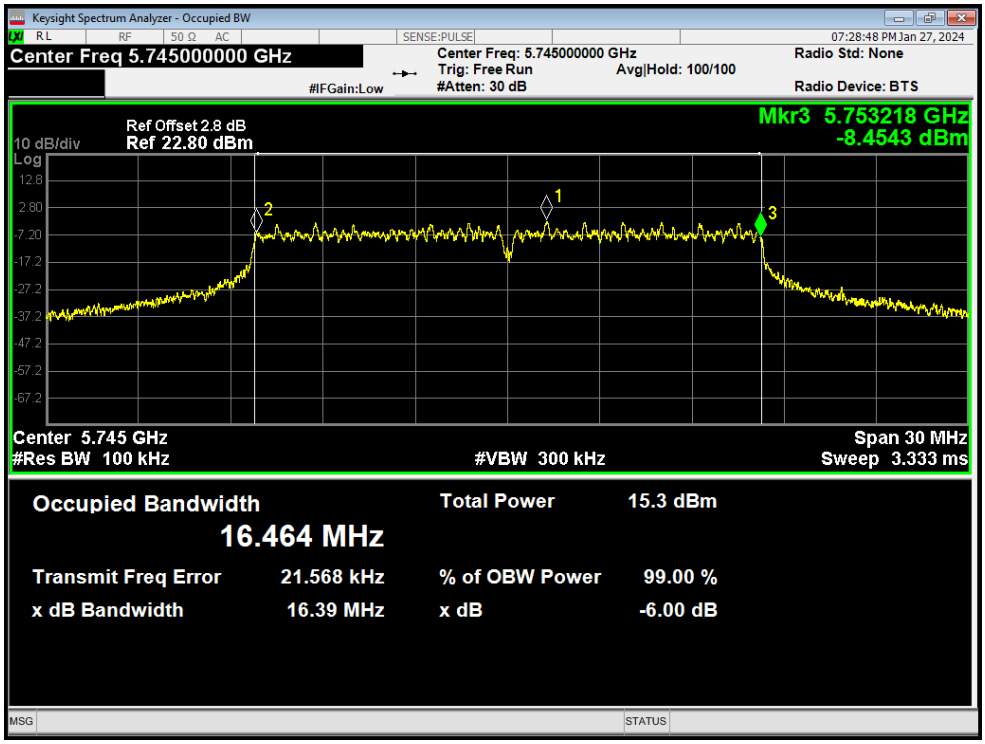
Power NVNT ac40 5795MHz Ant1



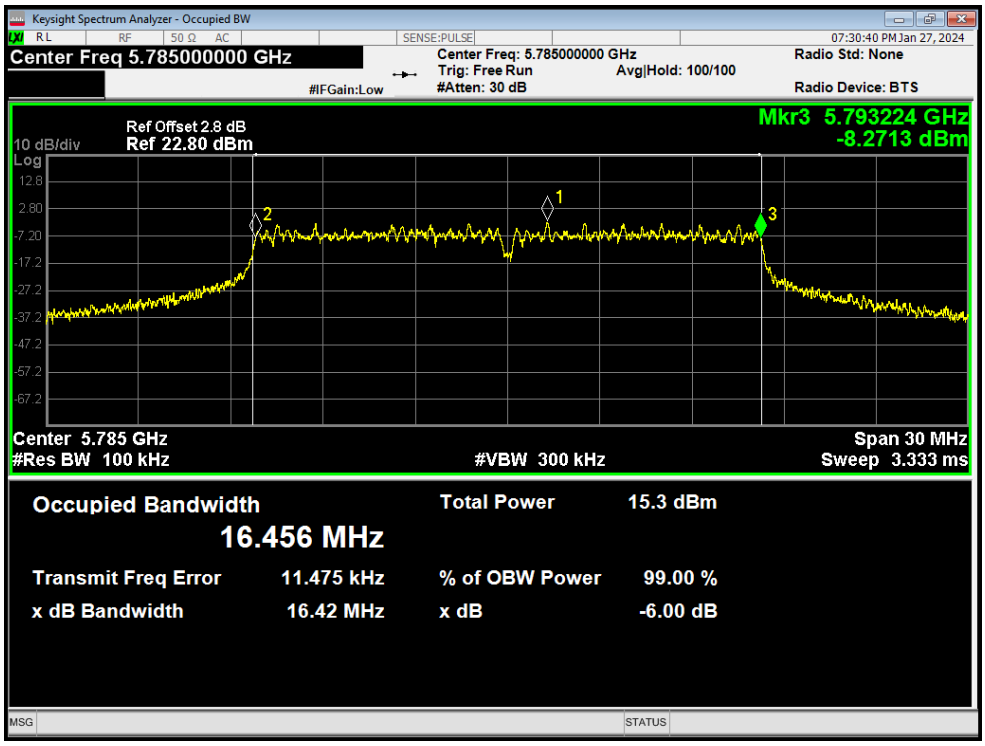
Power NVNT ac80 5775MHz Ant1

3. -6dB Bandwidth

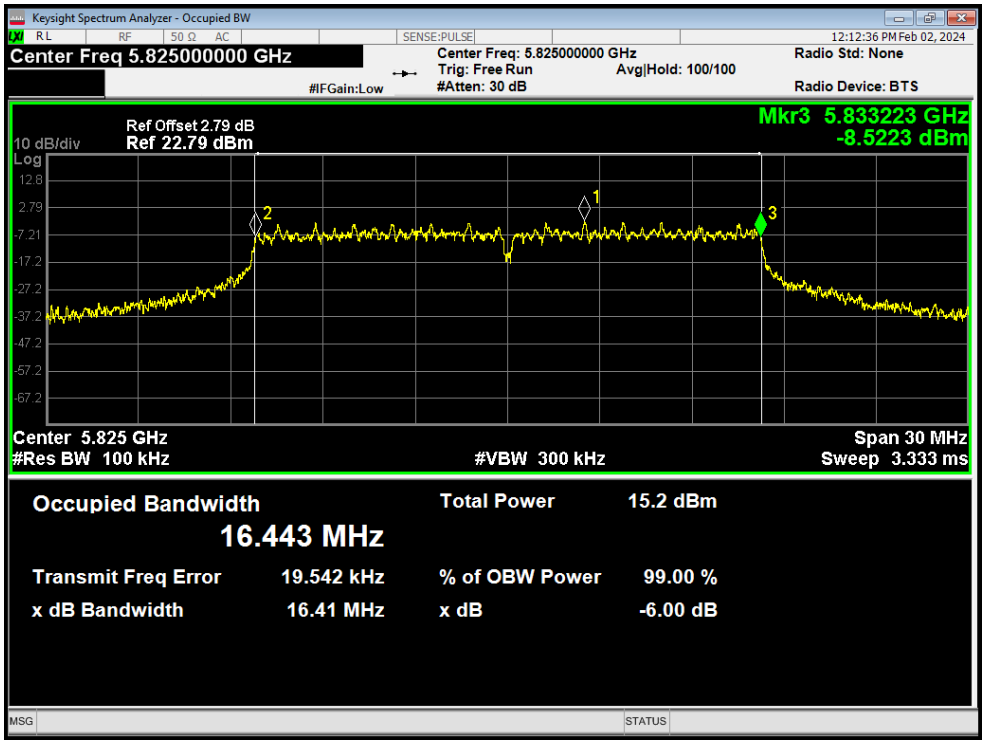
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.394	0.5	Pass
NVNT	a	5785	Ant1	16.425	0.5	Pass
NVNT	a	5825	Ant1	16.406	0.5	Pass
NVNT	n20	5745	Ant1	17.692	0.5	Pass
NVNT	n20	5785	Ant1	17.635	0.5	Pass
NVNT	n20	5825	Ant1	17.677	0.5	Pass
NVNT	n40	5755	Ant1	36.442	0.5	Pass
NVNT	n40	5795	Ant1	36.469	0.5	Pass
NVNT	ac20	5745	Ant1	17.681	0.5	Pass
NVNT	ac20	5785	Ant1	17.657	0.5	Pass
NVNT	ac20	5825	Ant1	17.646	0.5	Pass
NVNT	ac40	5755	Ant1	36.268	0.5	Pass
NVNT	ac40	5795	Ant1	36.399	0.5	Pass
NVNT	ac80	5775	Ant1	76.422	0.5	Pass



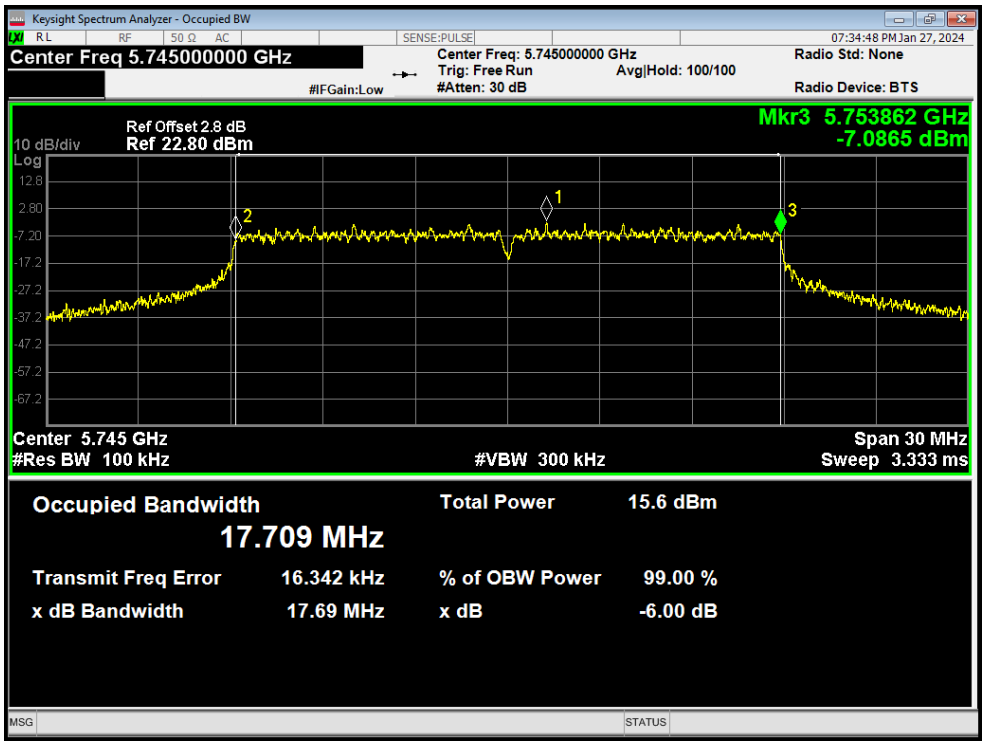
-6dB Bandwidth NVNT a 5745MHz Ant1



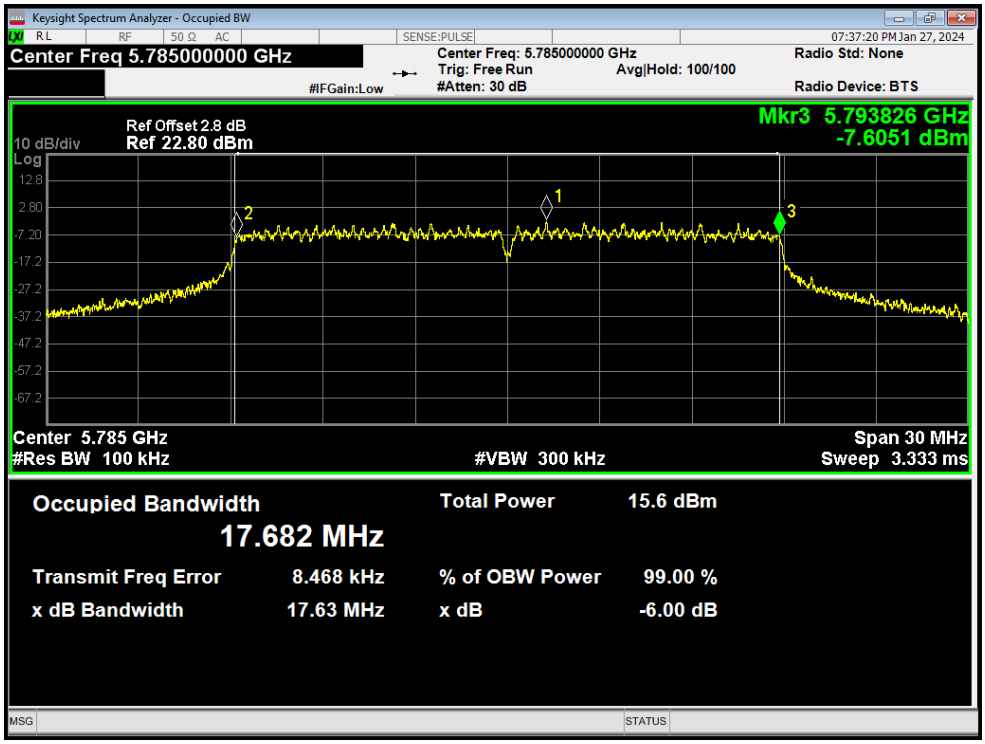
-6dB Bandwidth NVNT a 5785MHz Ant1



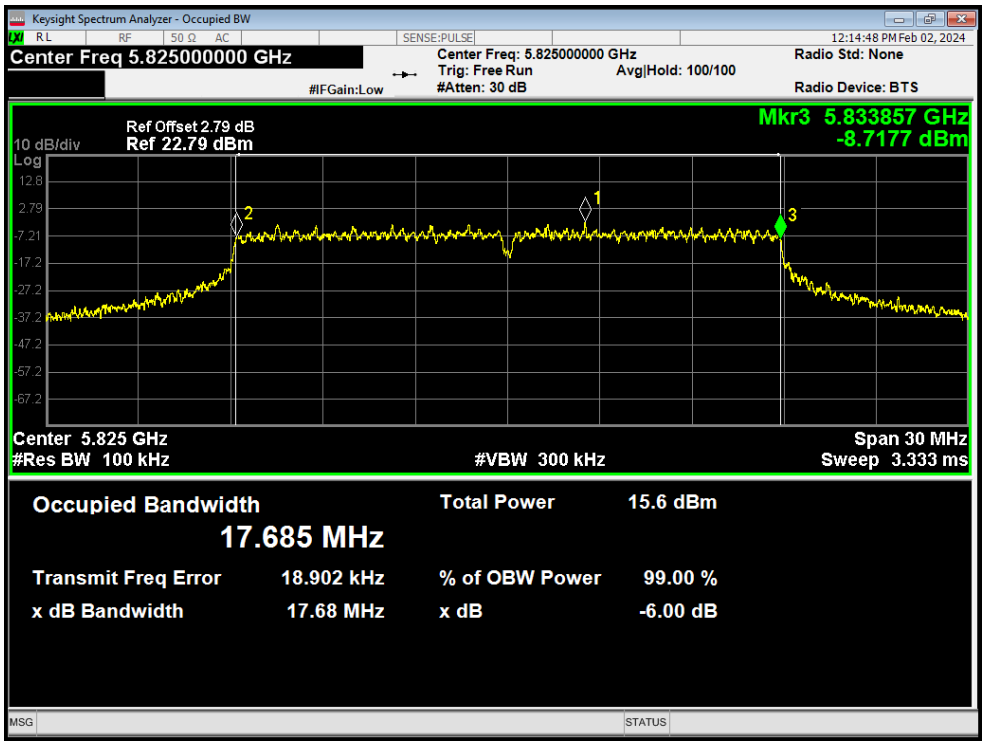
-6dB Bandwidth NVNT a 5825MHz Ant1



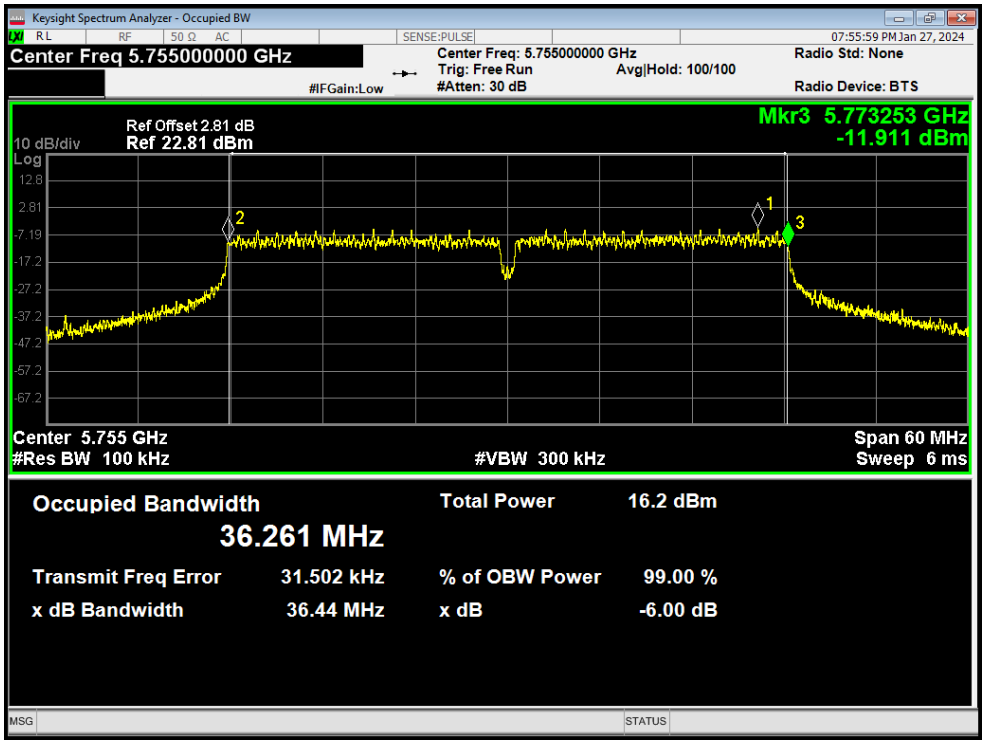
-6dB Bandwidth NVNT n20 5745MHz Ant1



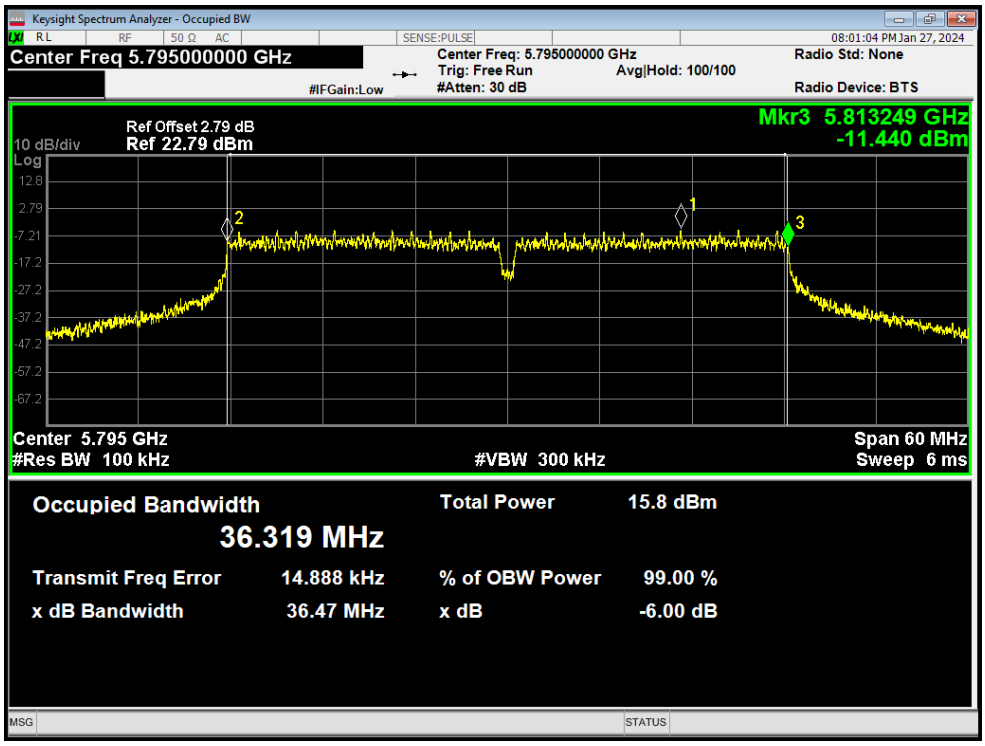
-6dB Bandwidth NVNT n20 5785MHz Ant1



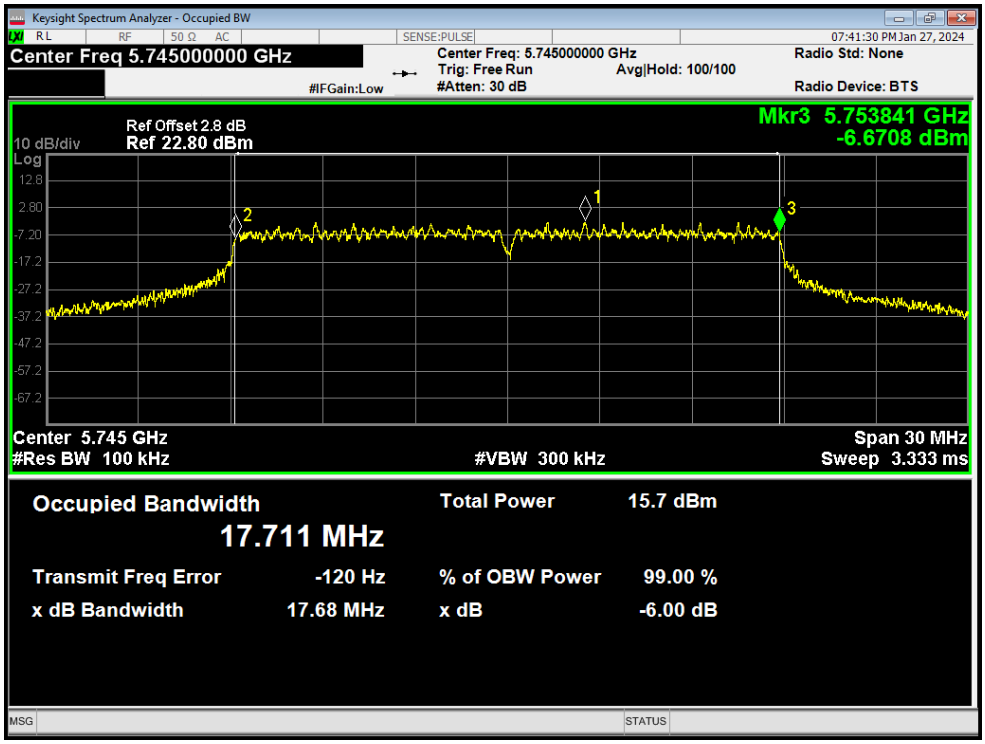
-6dB Bandwidth NVNT n20 5825MHz Ant1



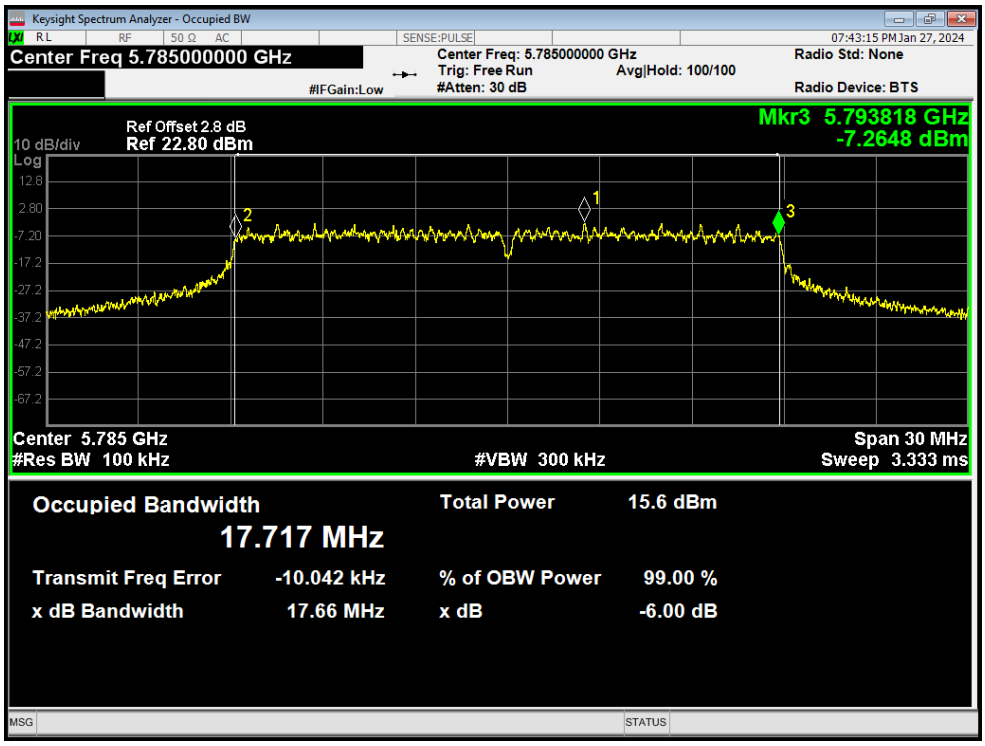
-6dB Bandwidth NVNT n40 5755MHz Ant1



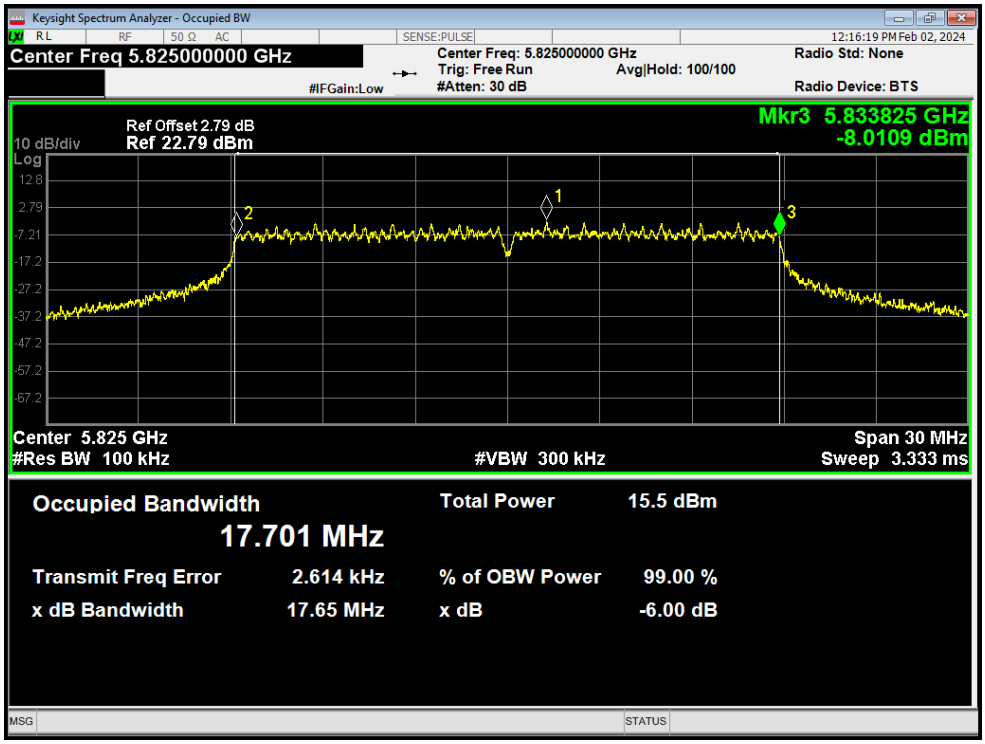
-6dB Bandwidth NVNT n40 5795MHz Ant1



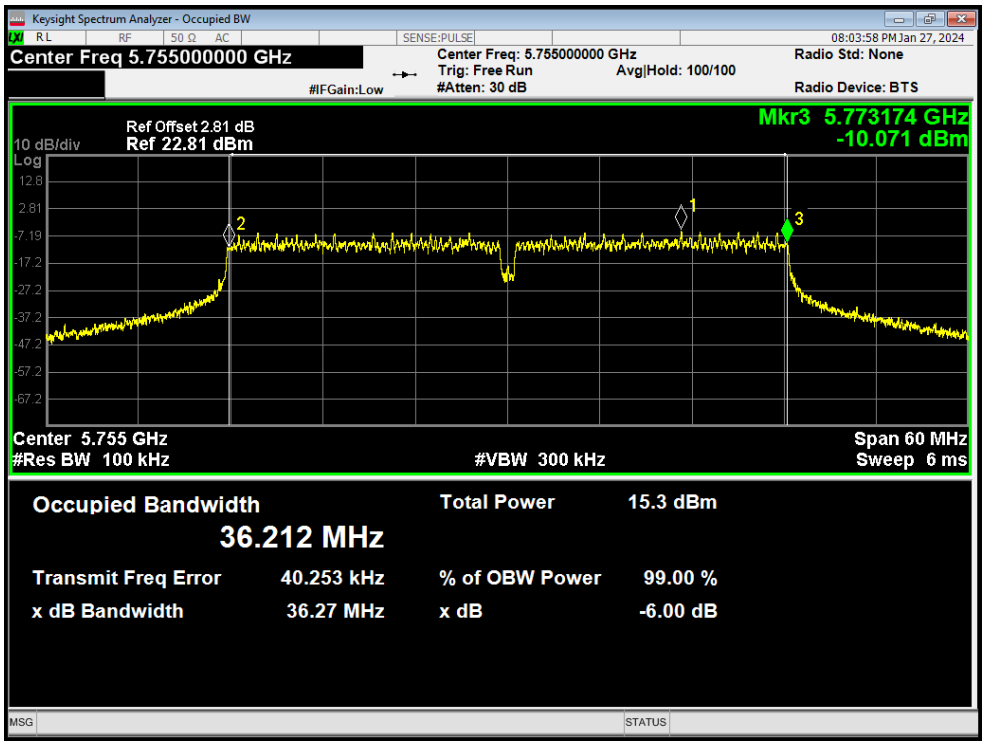
-6dB Bandwidth NVNT ac20 5745MHz Ant1



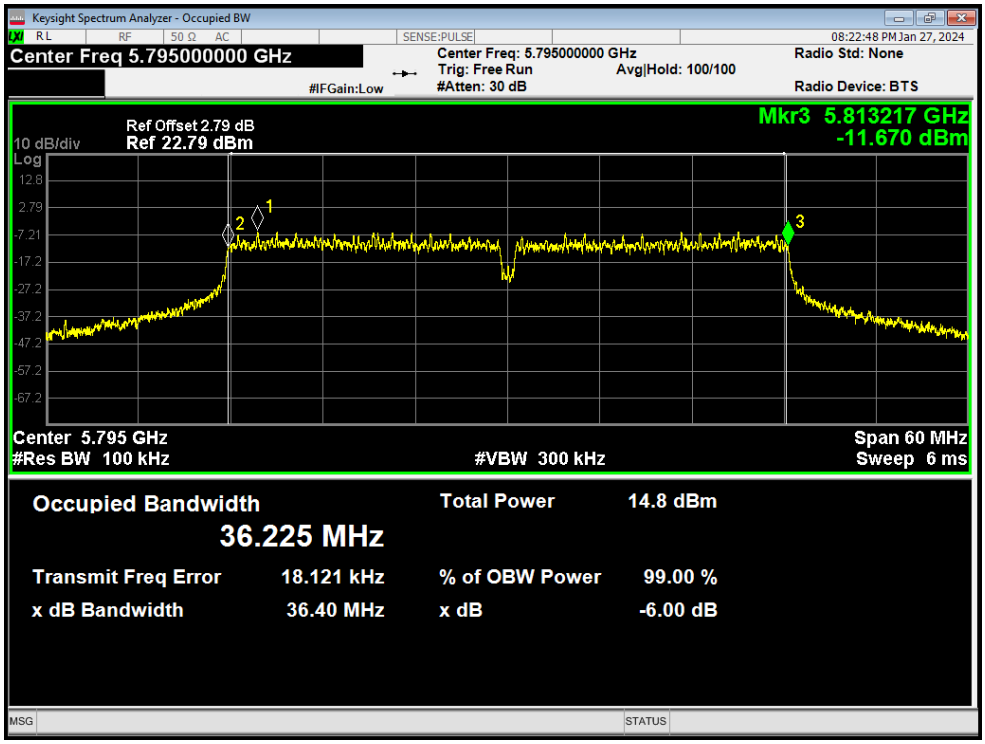
-6dB Bandwidth NVNT ac20 5785MHz Ant1



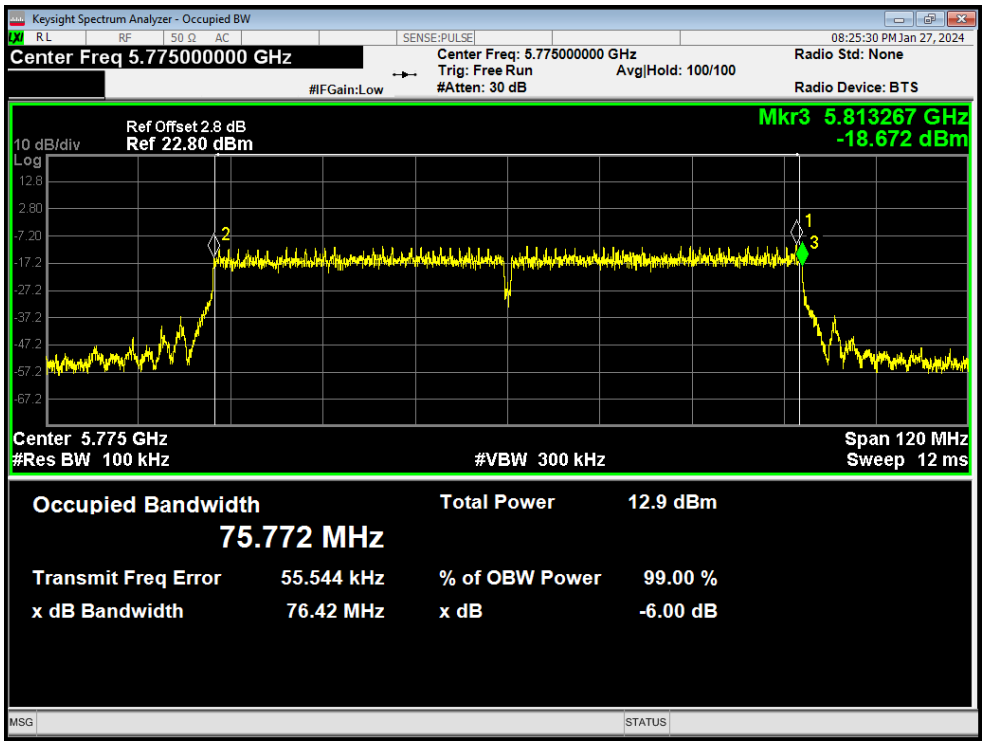
-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



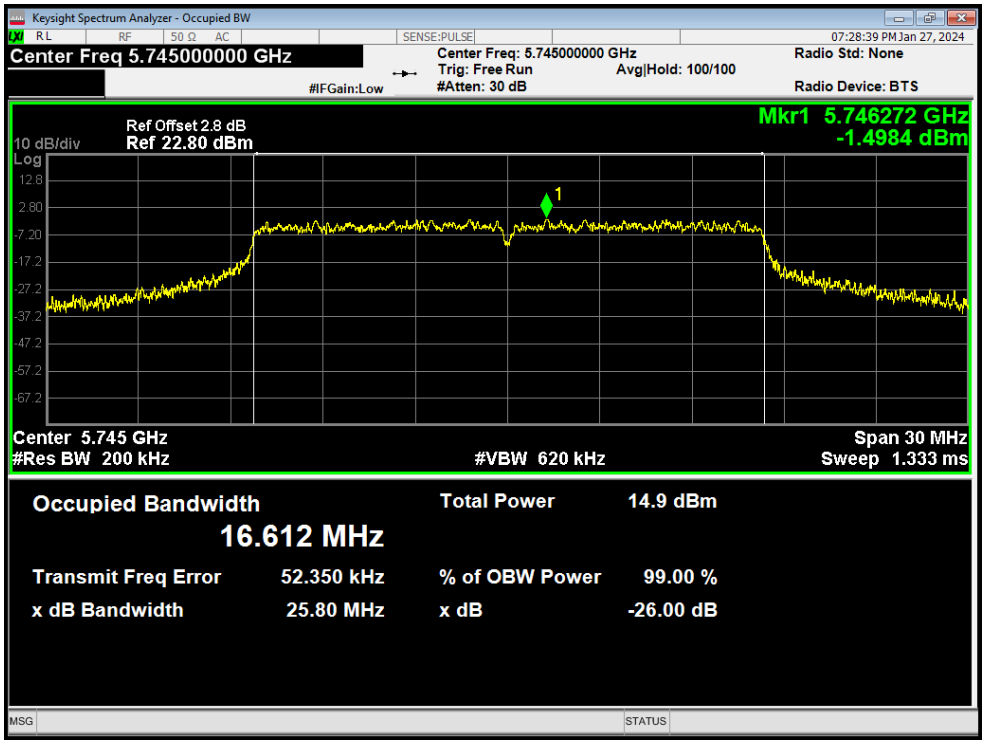
-6dB Bandwidth NVNT ac40 5795MHz Ant1



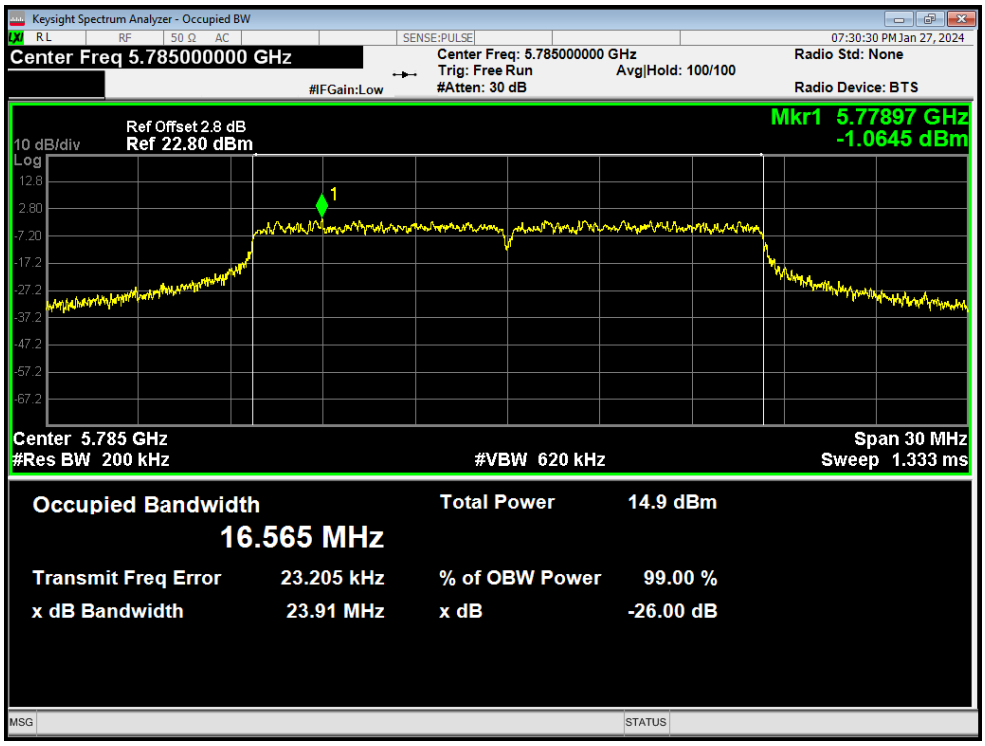
-6dB Bandwidth NVNT ac80 5775MHz Ant1

4. Occupied Channel Bandwidth

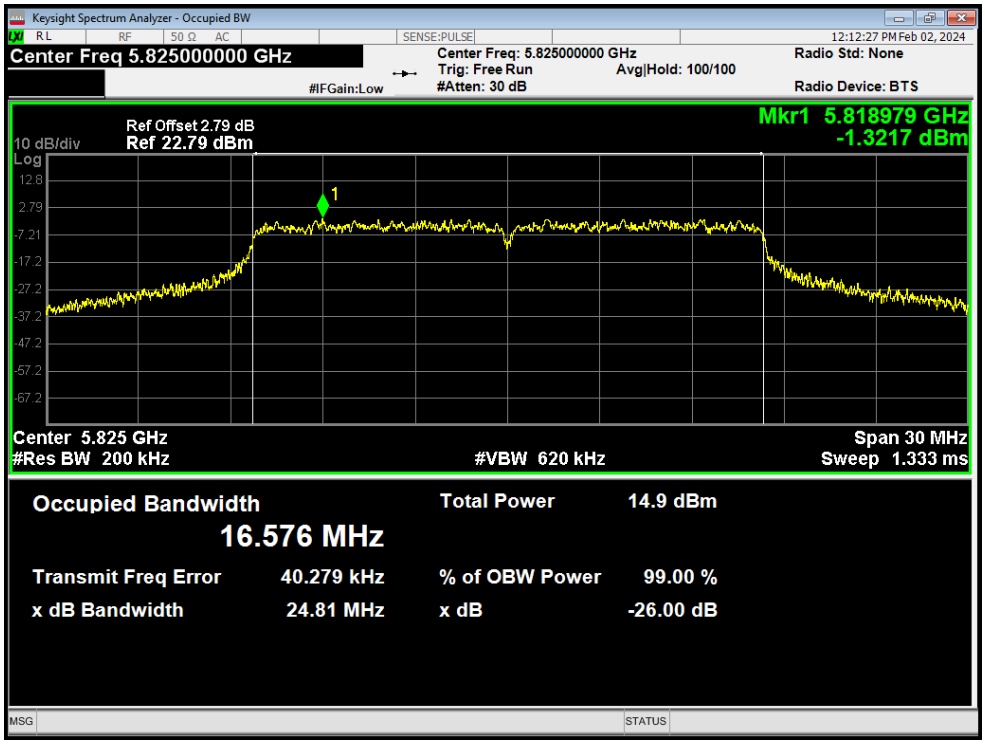
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.612
NVNT	a	5785	Ant1	16.565
NVNT	a	5825	Ant1	16.576
NVNT	n20	5745	Ant1	17.836
NVNT	n20	5785	Ant1	17.8
NVNT	n20	5825	Ant1	17.782
NVNT	n40	5755	Ant1	36.549
NVNT	n40	5795	Ant1	36.59
NVNT	ac20	5745	Ant1	17.852
NVNT	ac20	5785	Ant1	17.853
NVNT	ac20	5825	Ant1	17.836
NVNT	ac40	5755	Ant1	36.633
NVNT	ac40	5795	Ant1	36.675
NVNT	ac80	5775	Ant1	75.968



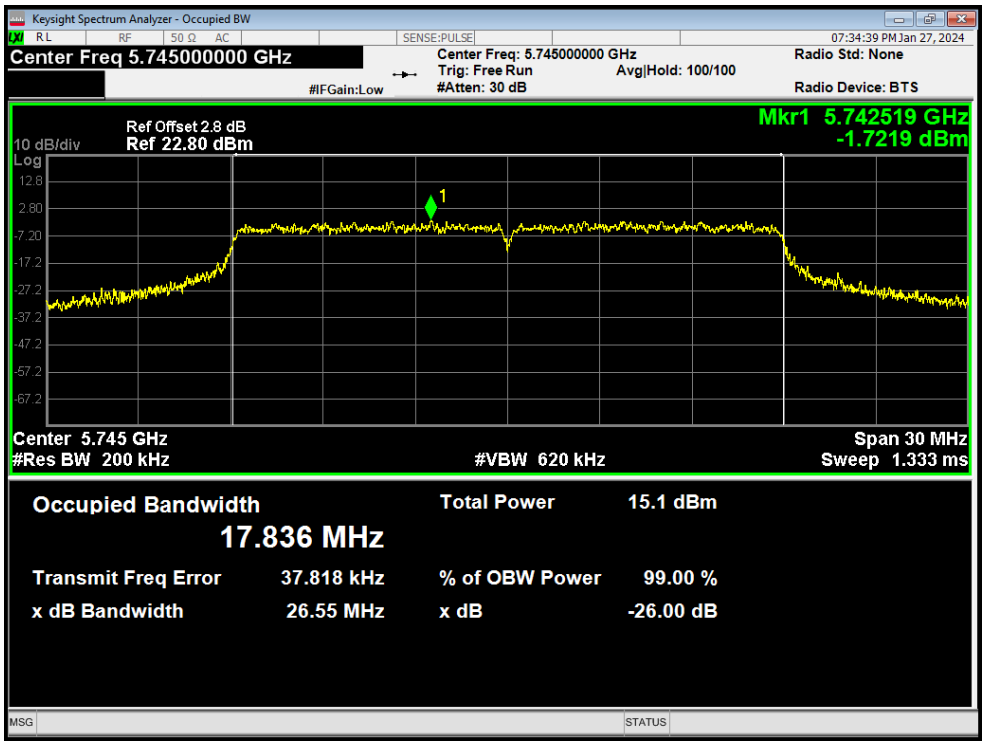
OBW NVNT a 5745MHz Ant1



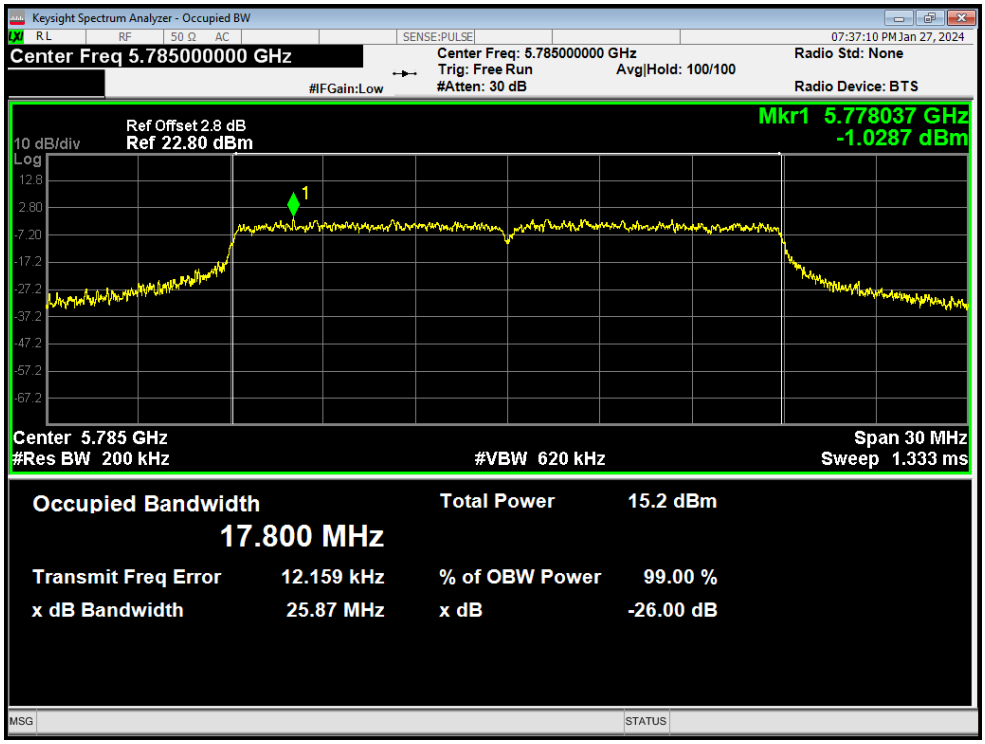
OBW NVNT a 5785MHz Ant1



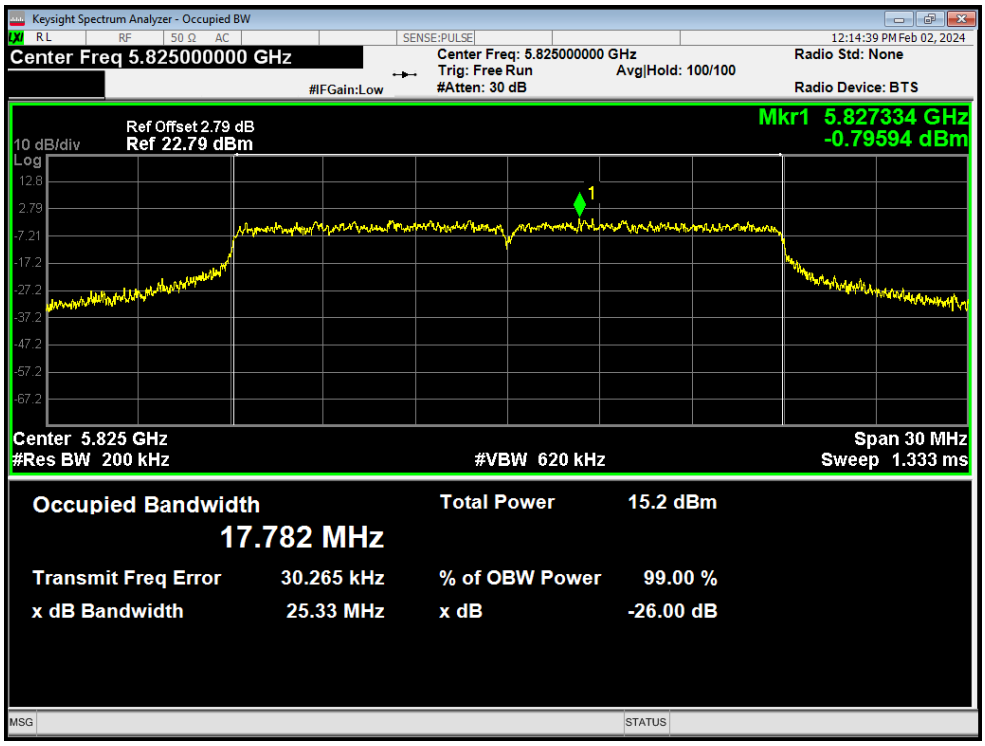
OBW NVNT a 5825MHz Ant1



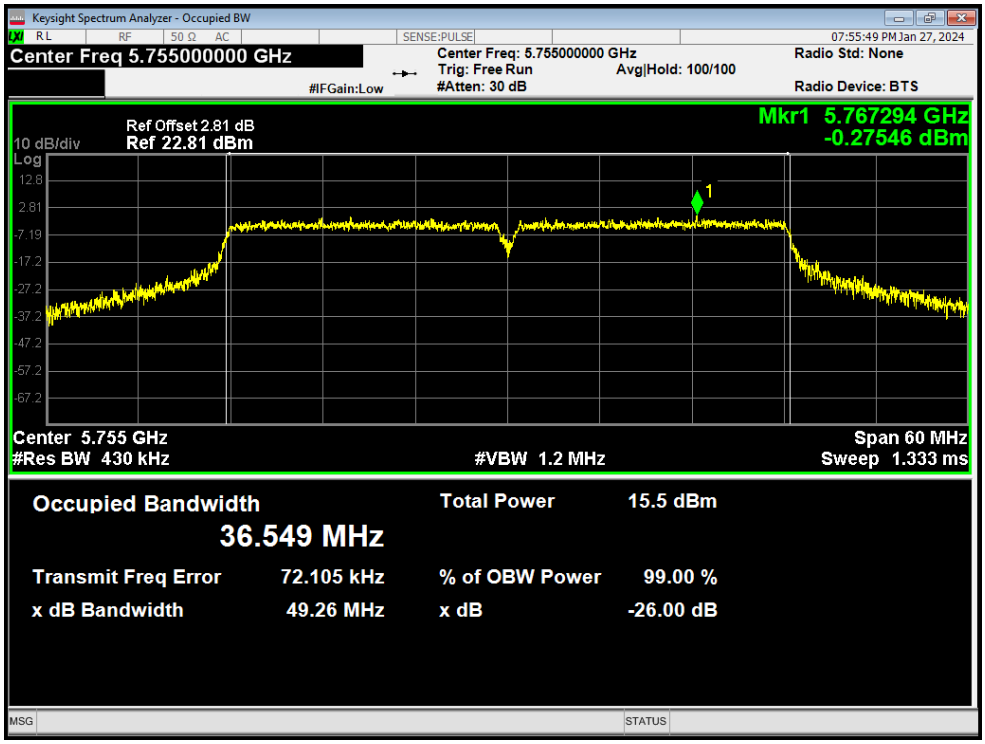
OBW NVNT n20 5745MHz Ant1



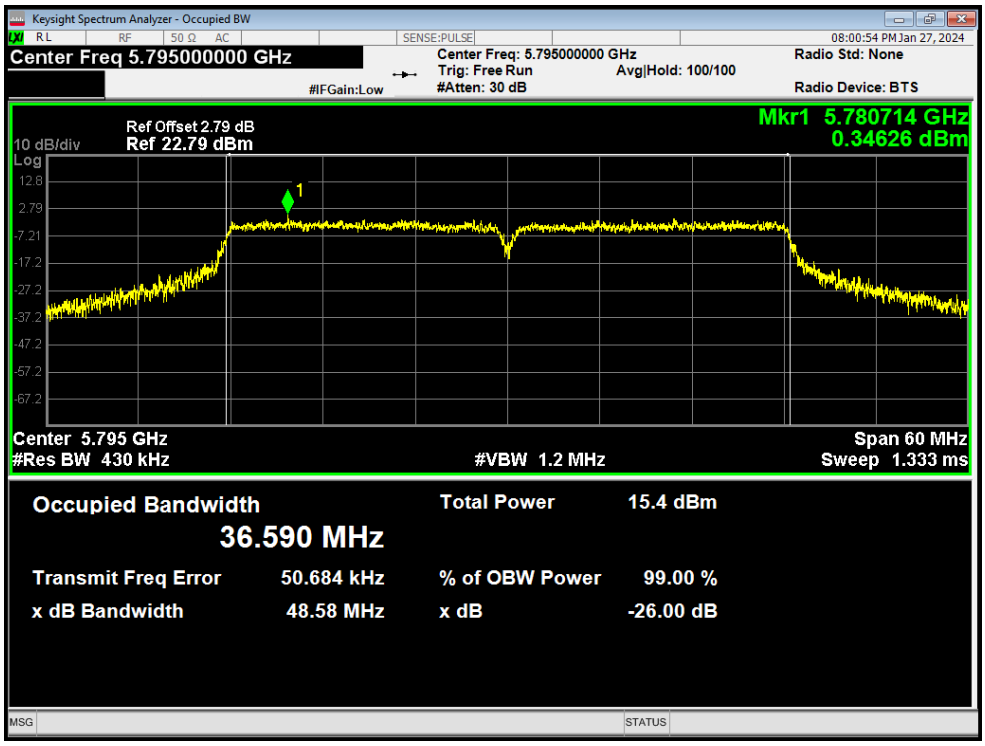
OBW NVNT n20 5785MHz Ant1



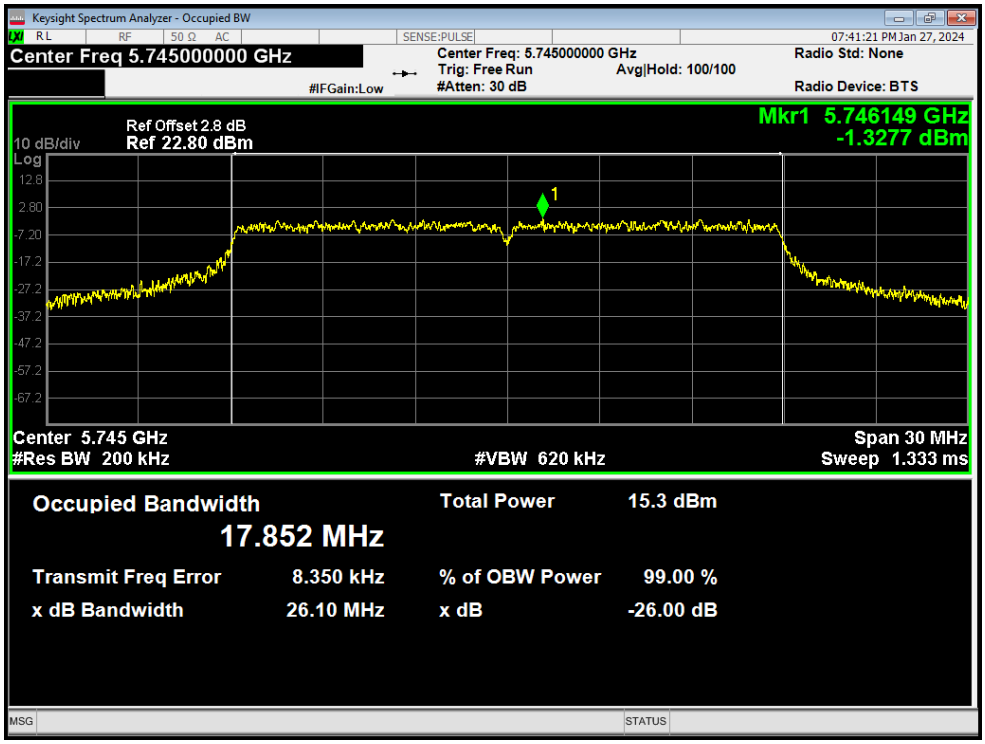
OBW NVNT n20 5825MHz Ant1



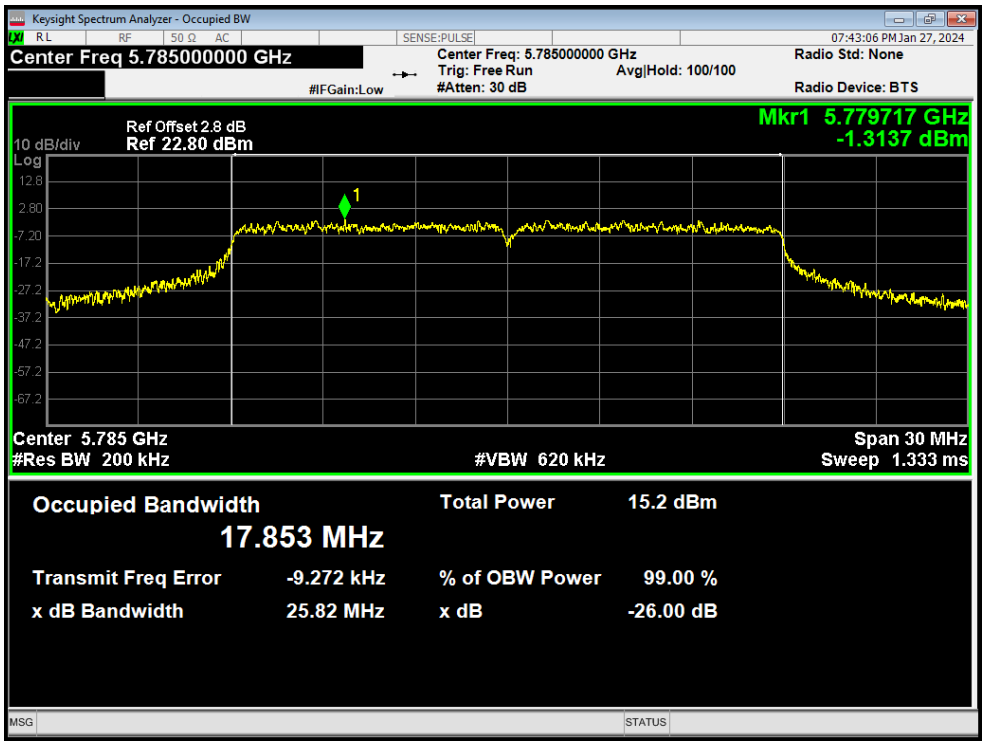
OBW NVNT n40 5755MHz Ant1



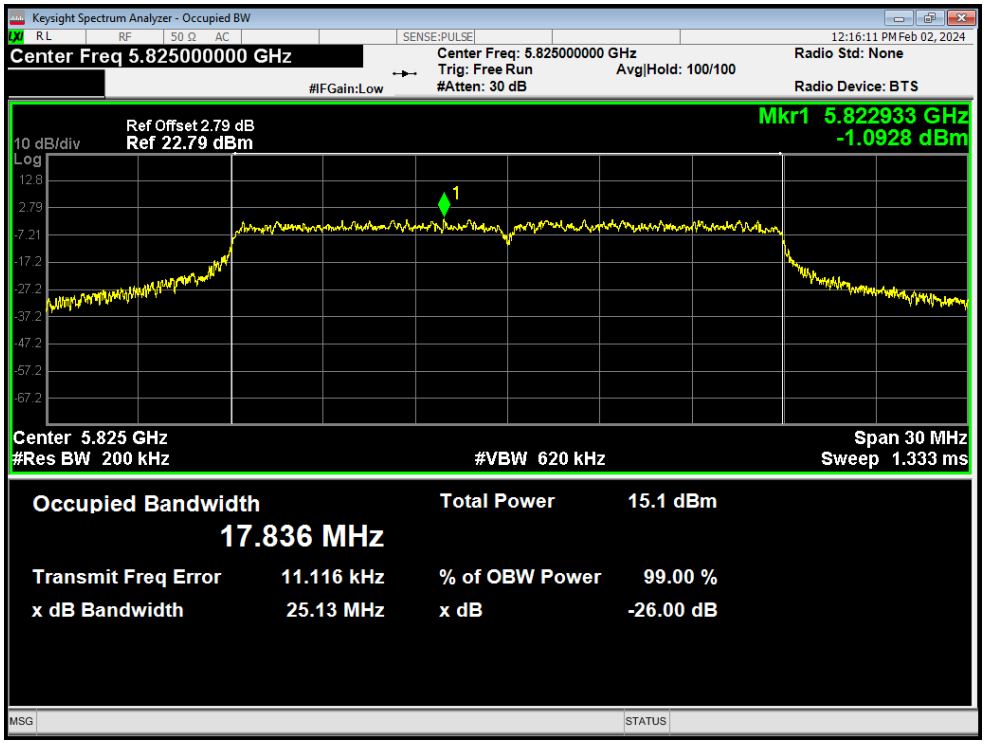
OBW NVNT n40 5795MHz Ant1



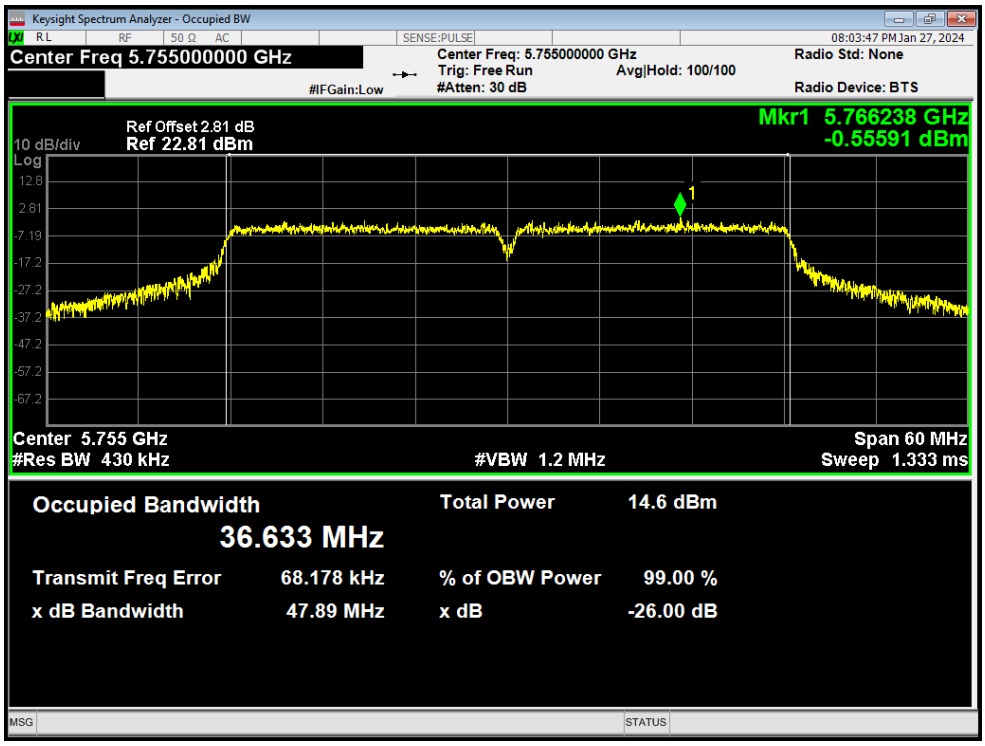
OBW NVNT ac20 5745MHz Ant1



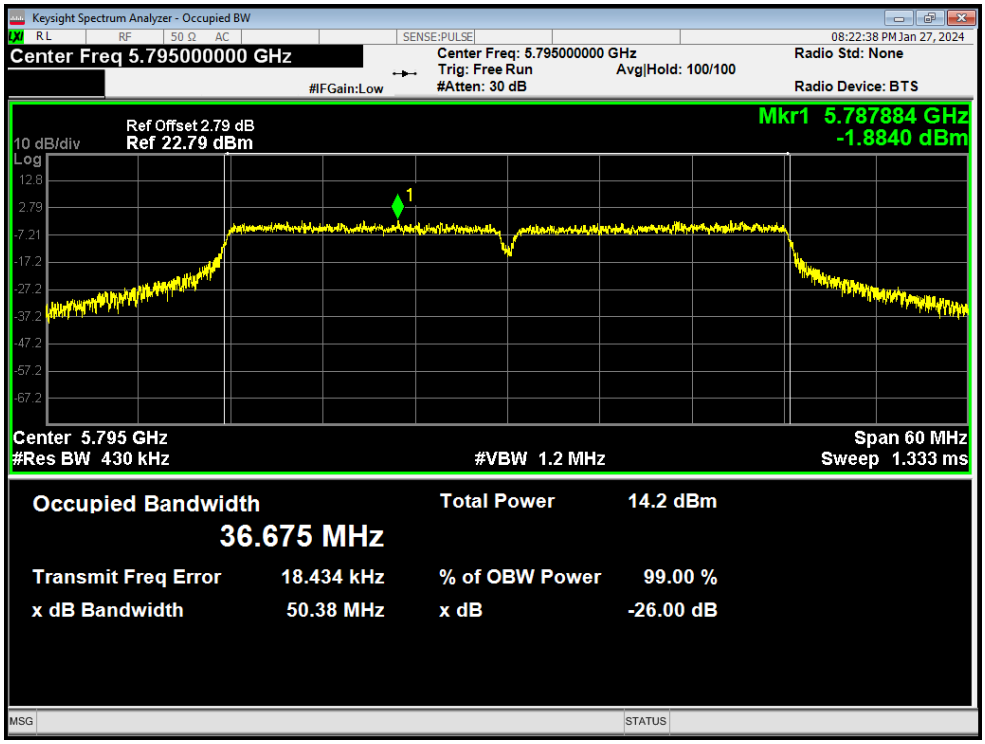
OBW NVNT ac20 5785MHz Ant1



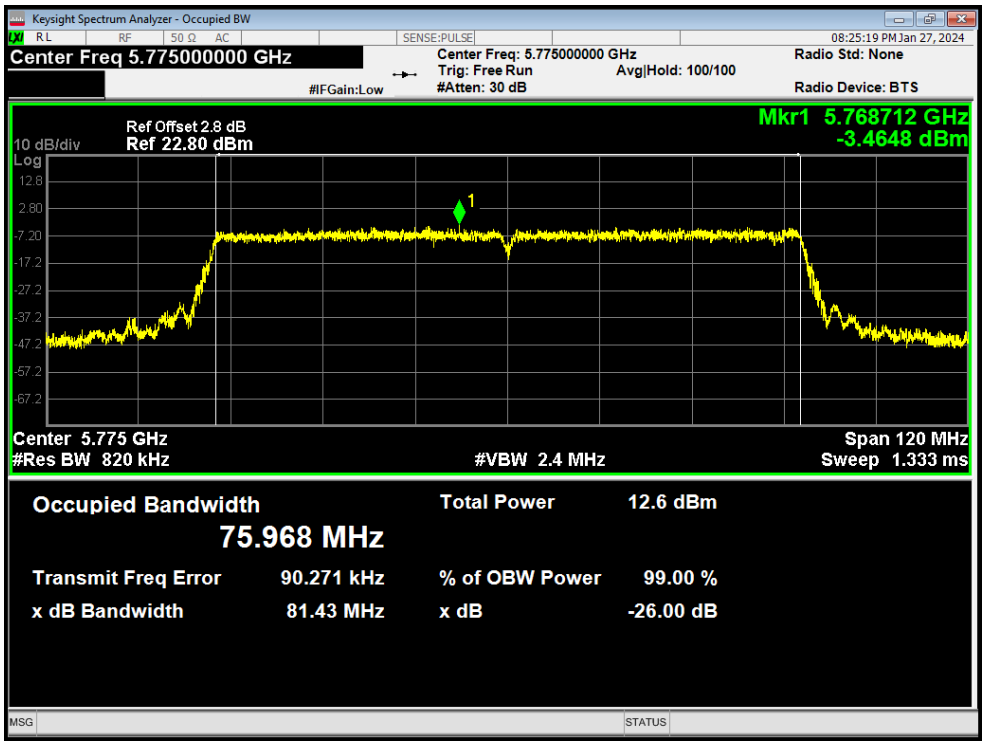
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1

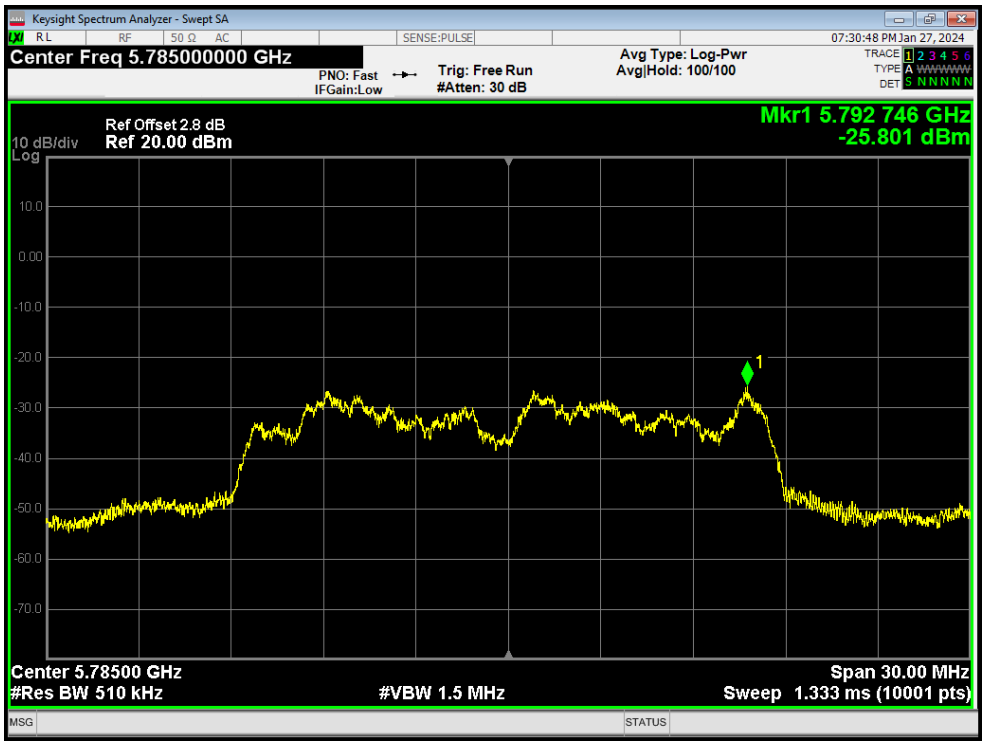


OBW NVNT ac80 5775MHz Ant1

5. Maximum Power Spectral Density Level

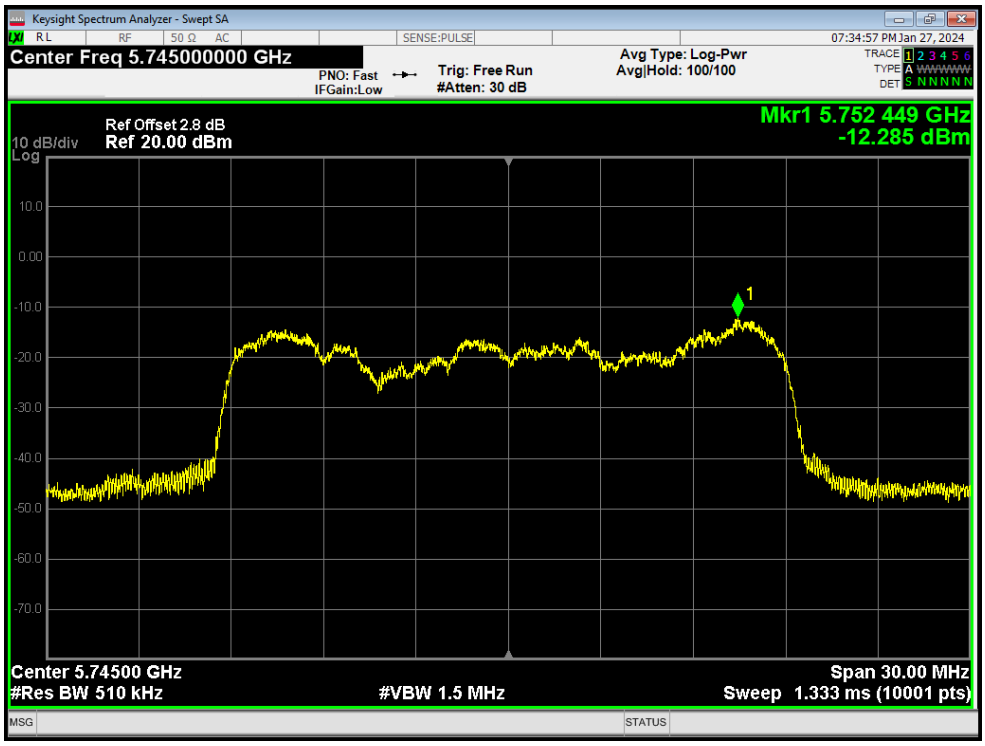
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-25.48	2.24	-23.24	30	Pass
NVNT	a	5785	Ant1	-25.8	2.66	-23.14	30	Pass
NVNT	a	5825	Ant1	-23.66	2.29	-21.37	30	Pass
NVNT	n20	5745	Ant1	-12.29	0.94	-11.35	30	Pass
NVNT	n20	5785	Ant1	-14.83	0.92	-13.91	30	Pass
NVNT	n20	5825	Ant1	-12.53	0.94	-11.59	30	Pass
NVNT	n40	5755	Ant1	-22.36	1.56	-20.8	30	Pass
NVNT	n40	5795	Ant1	-23.3	1.65	-21.65	30	Pass
NVNT	ac20	5745	Ant1	-14.67	1.04	-13.63	30	Pass
NVNT	ac20	5785	Ant1	-16.63	1.04	-15.59	30	Pass
NVNT	ac20	5825	Ant1	-14.38	0.96	-13.42	30	Pass
NVNT	ac40	5755	Ant1	-23.62	1.85	-21.77	30	Pass
NVNT	ac40	5795	Ant1	-24.18	1.74	-22.44	30	Pass
NVNT	ac80	5775	Ant1	-34.68	3.14	-31.54	30	Pass

PSD NVNT a 5745MHz Ant1

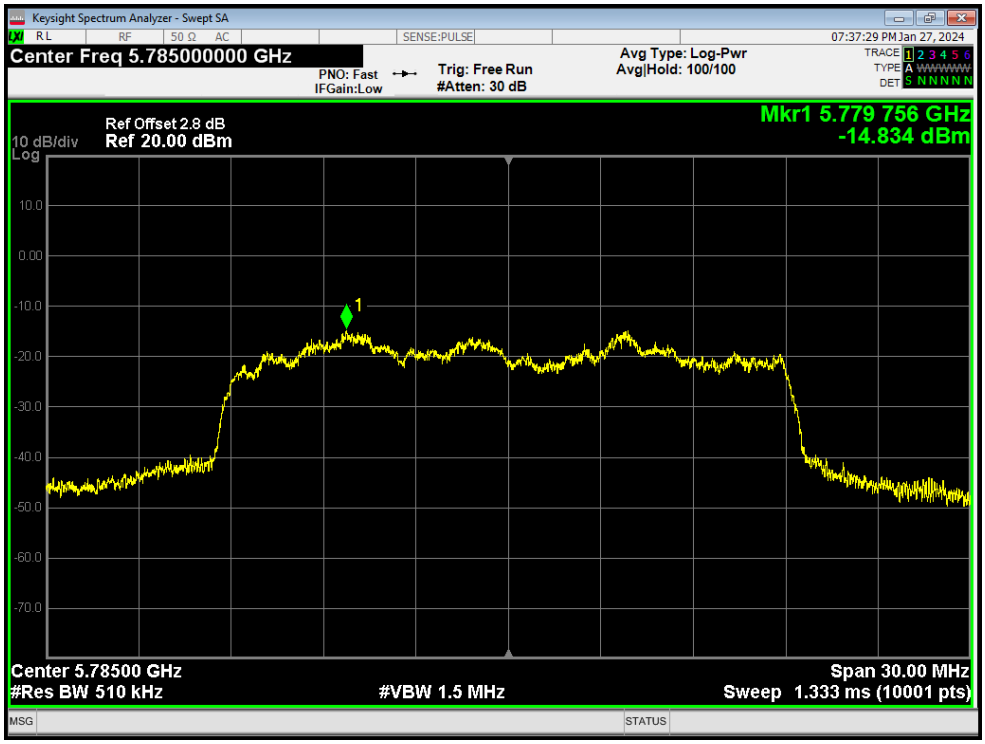


PSD NVNT a 5785MHz Ant1

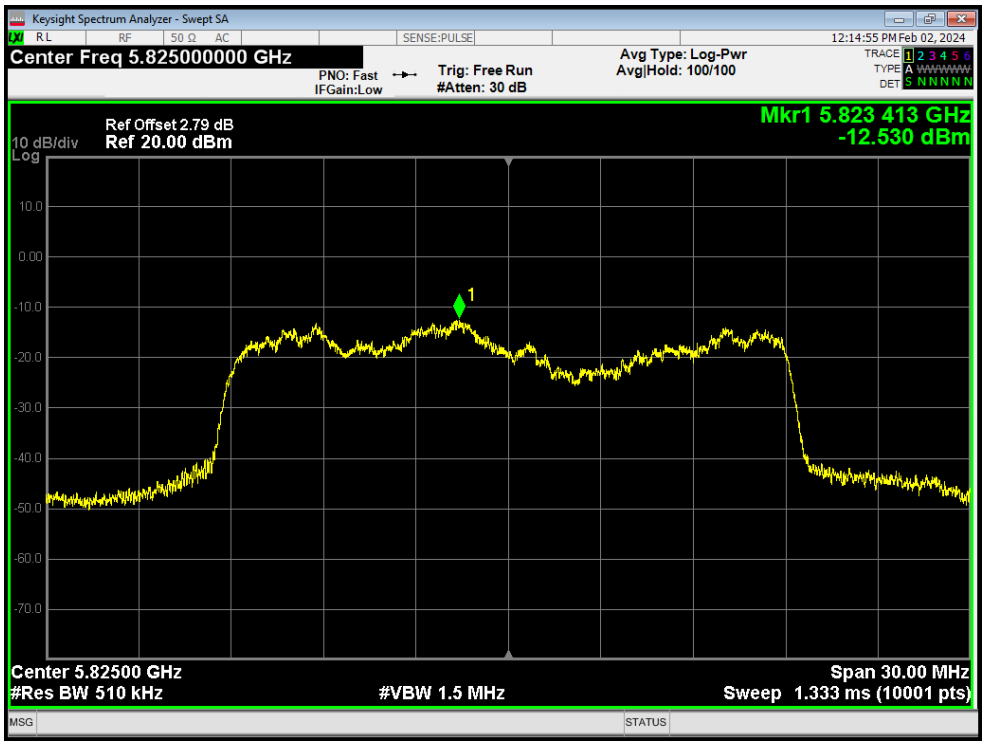
PSD NVNT a 5825MHz Ant1



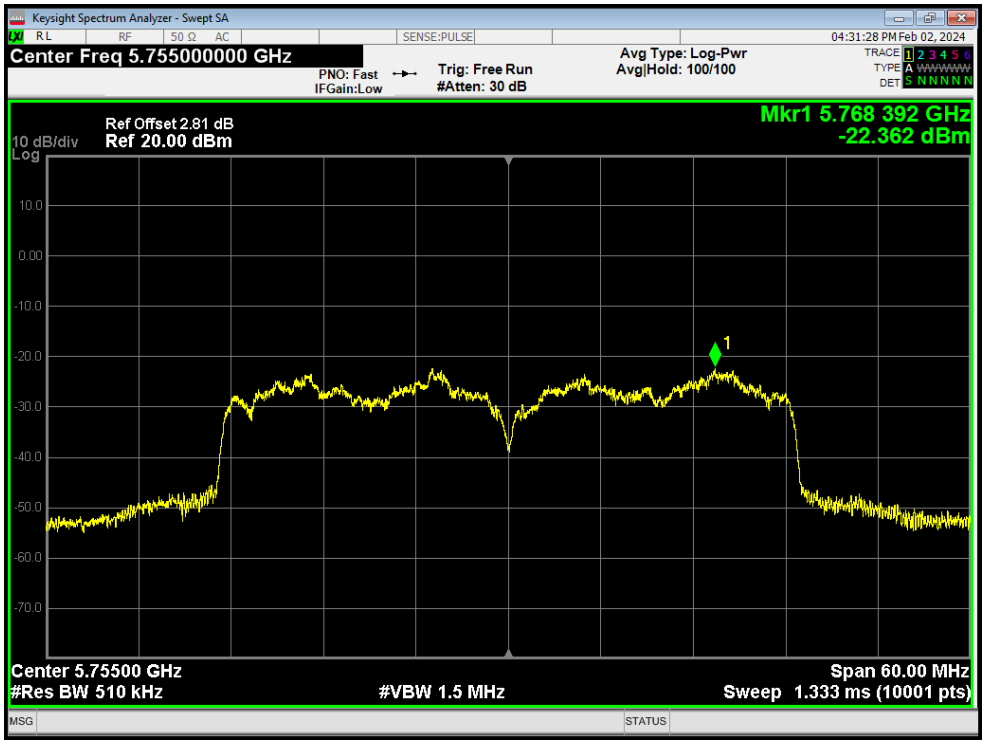
PSD NVNT n20 5745MHz Ant1



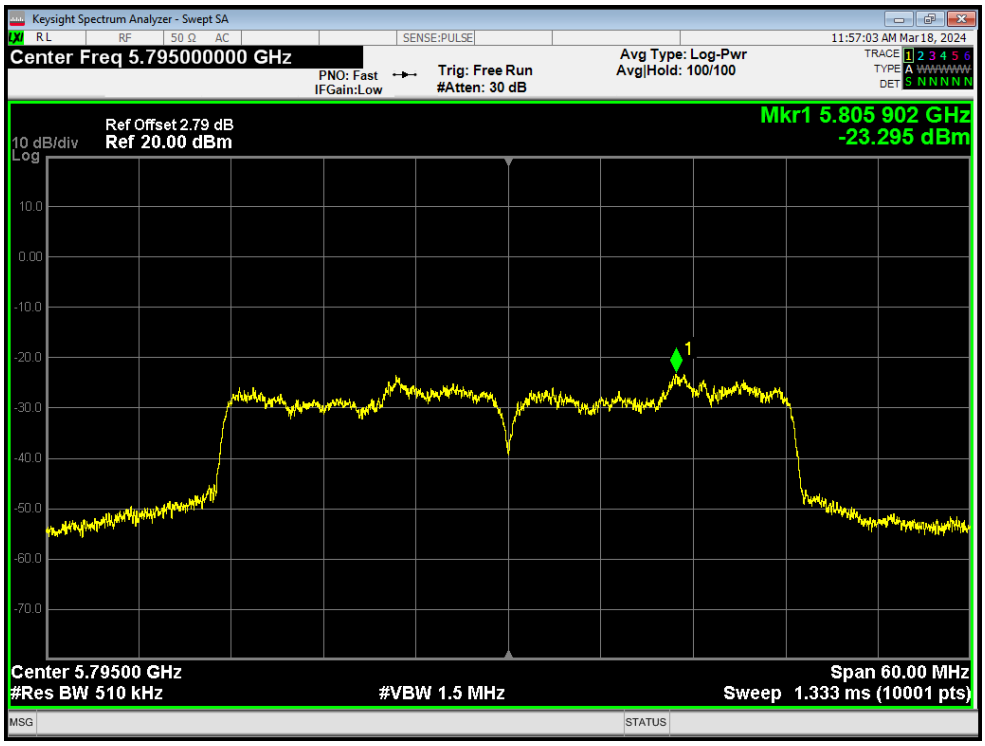
PSD NVNT n20 5785MHz Ant1



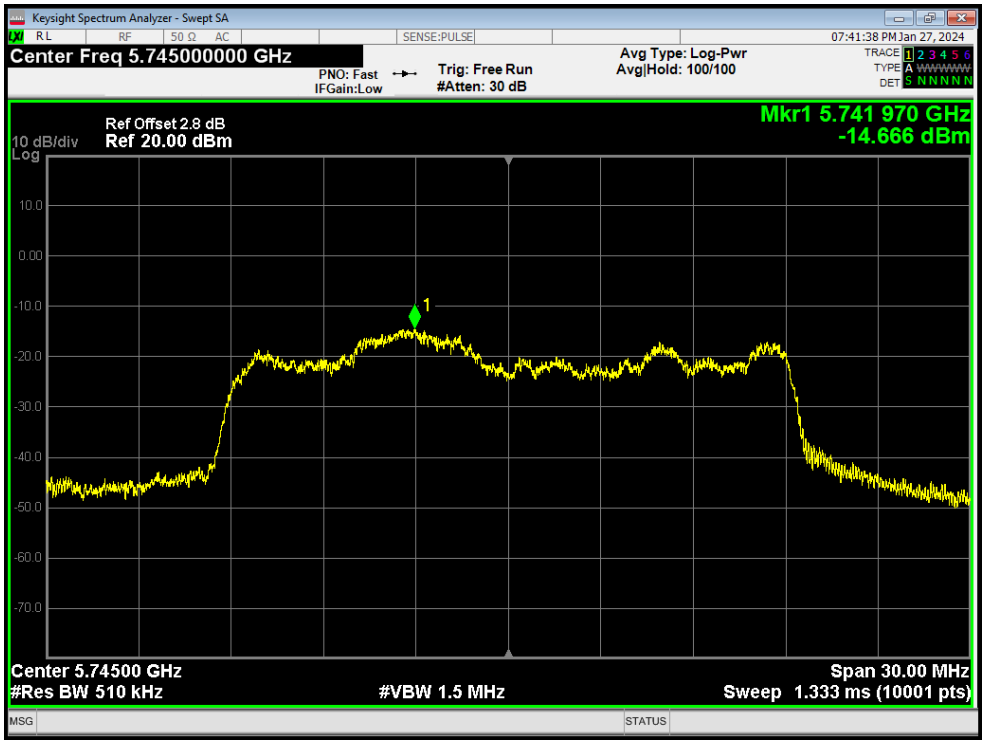
PSD NVNT n20 5825MHz Ant1



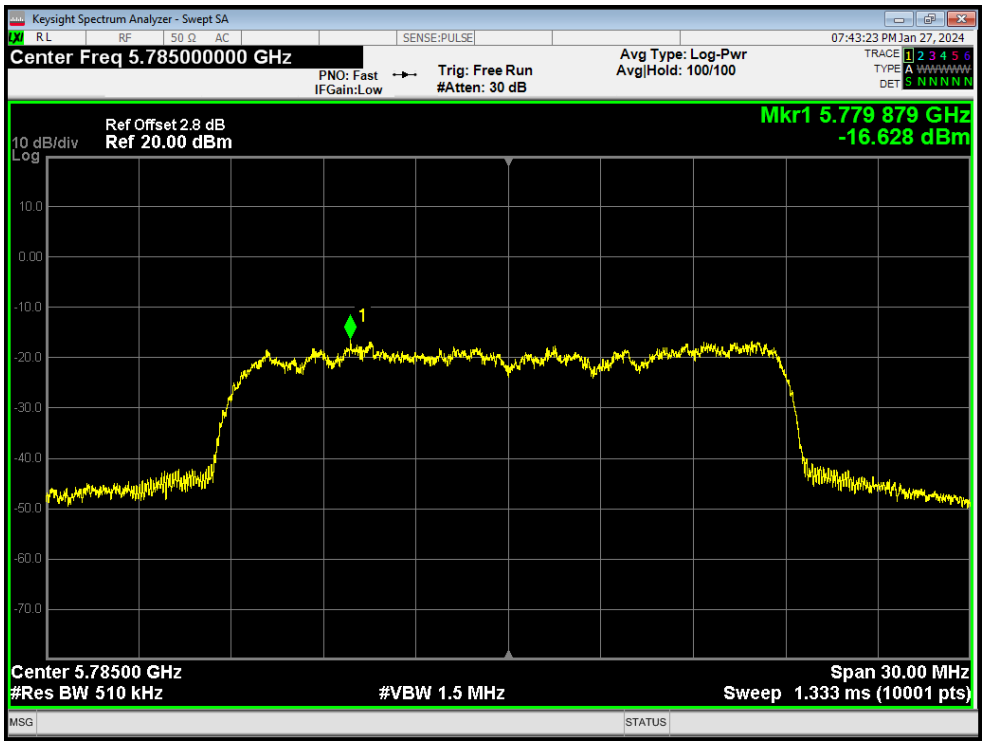
PSD NVNT n40 5755MHz Ant1



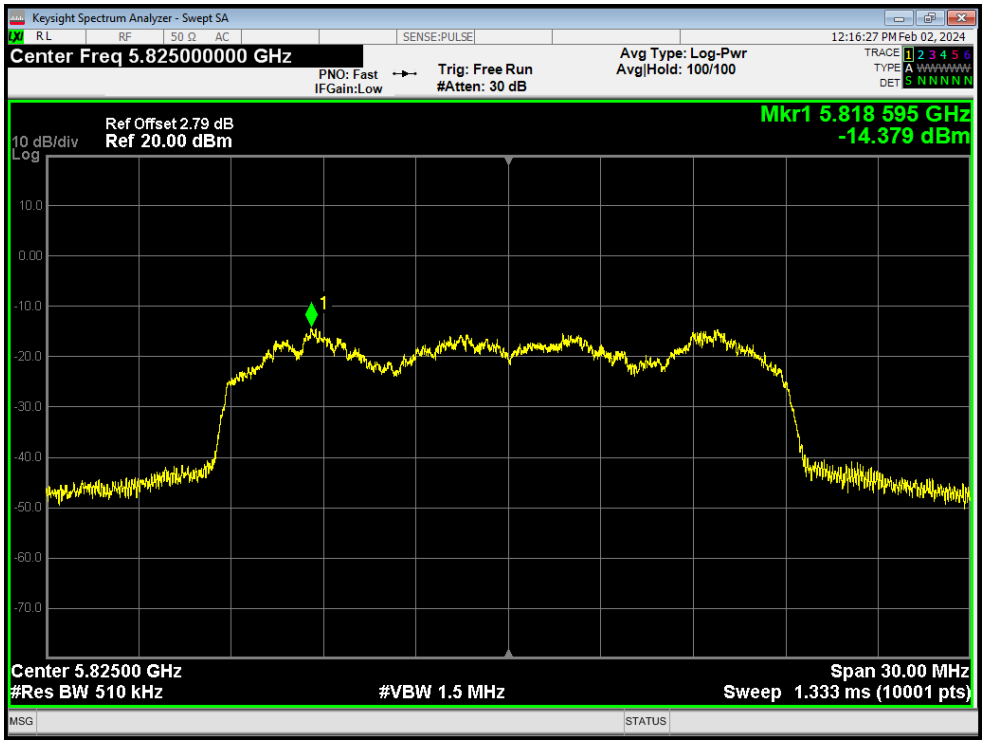
PSD NVNT n40 5795MHz Ant1



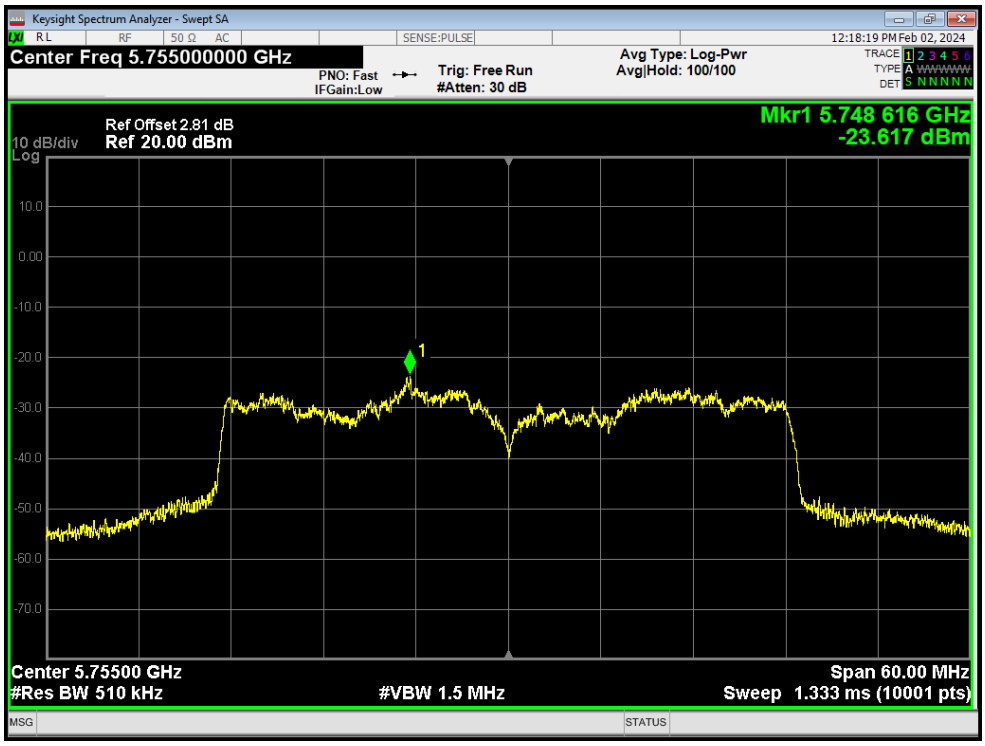
PSD NVNT ac20 5745MHz Ant1



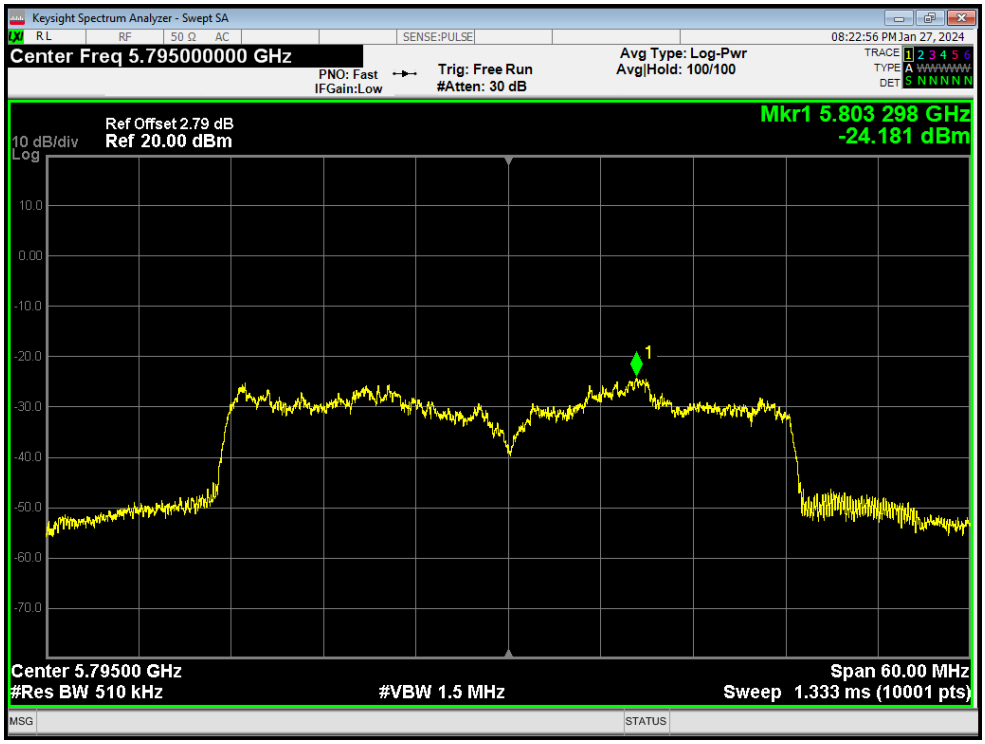
PSD NVNT ac20 5785MHz Ant1



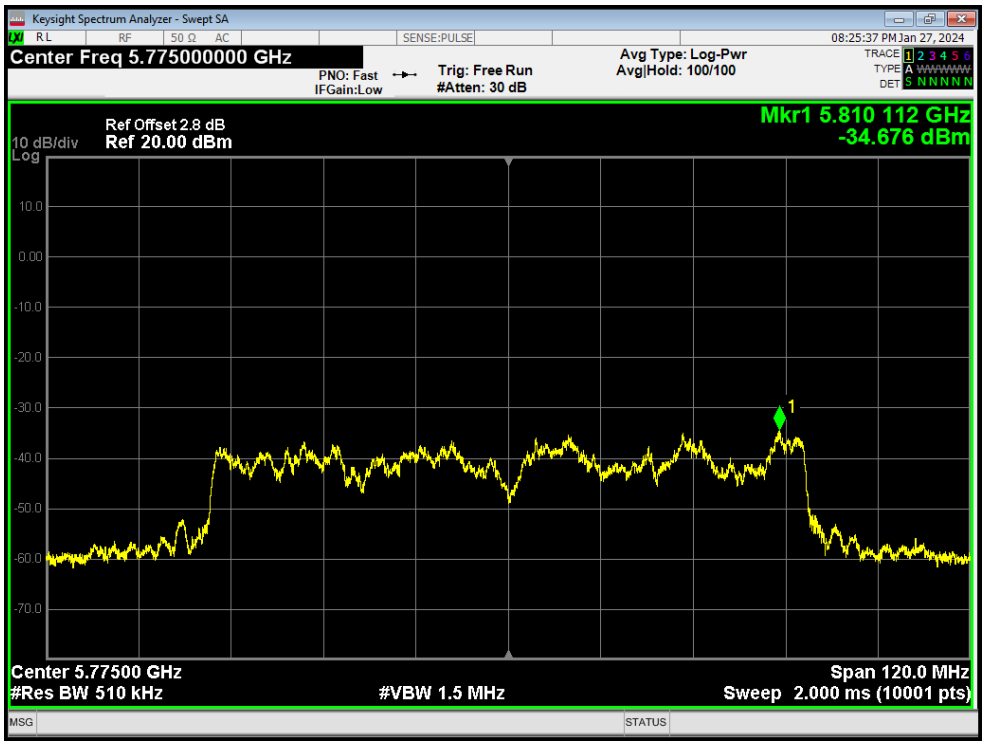
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1