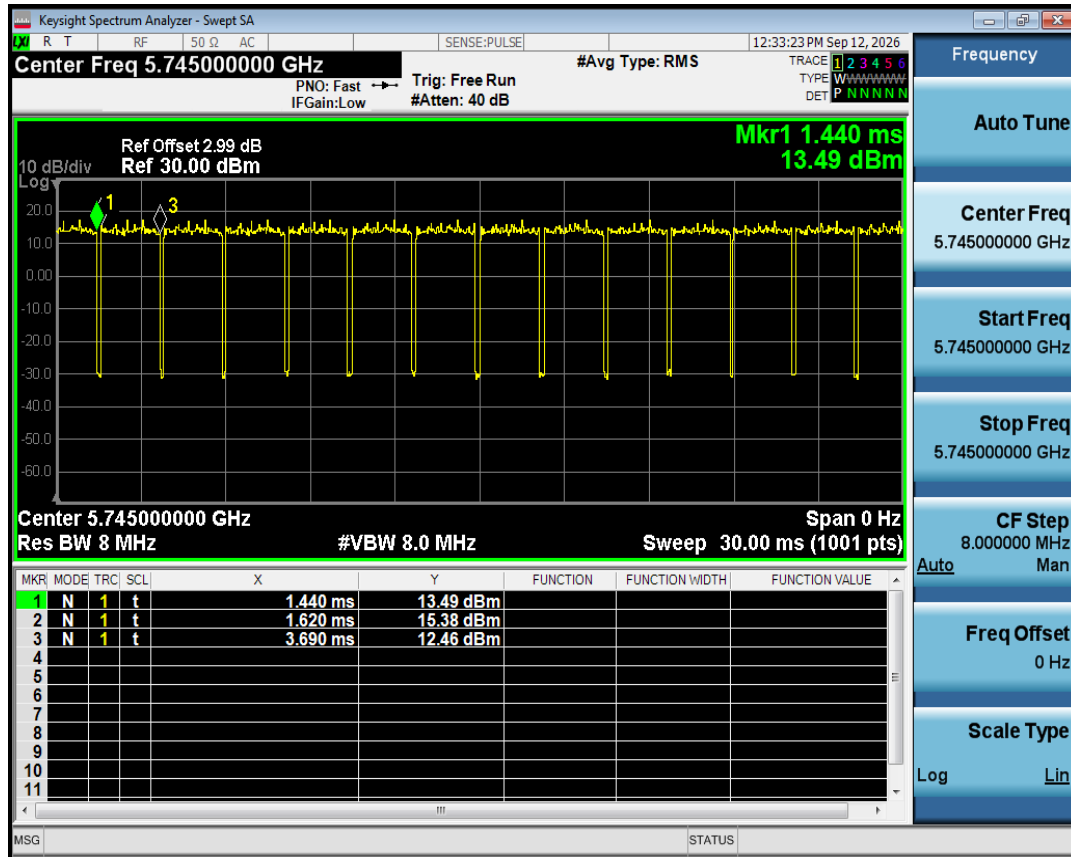


RF Test Data

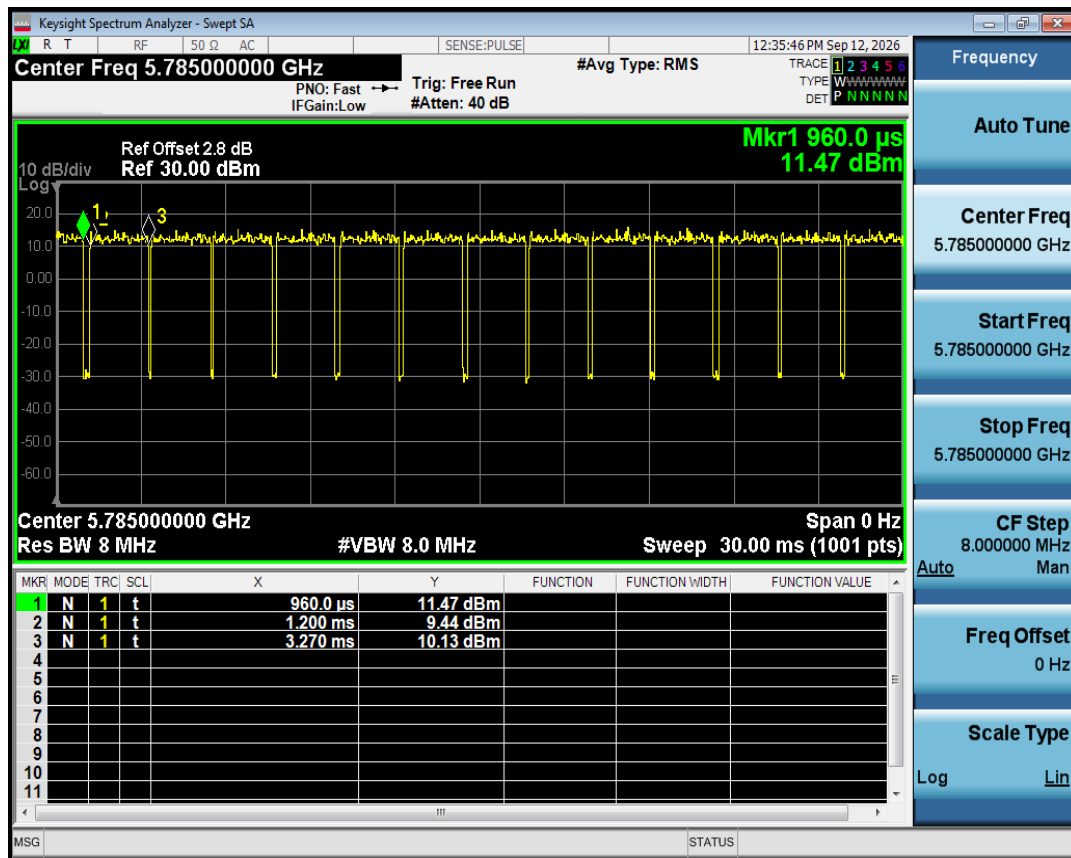
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Duty Cycle

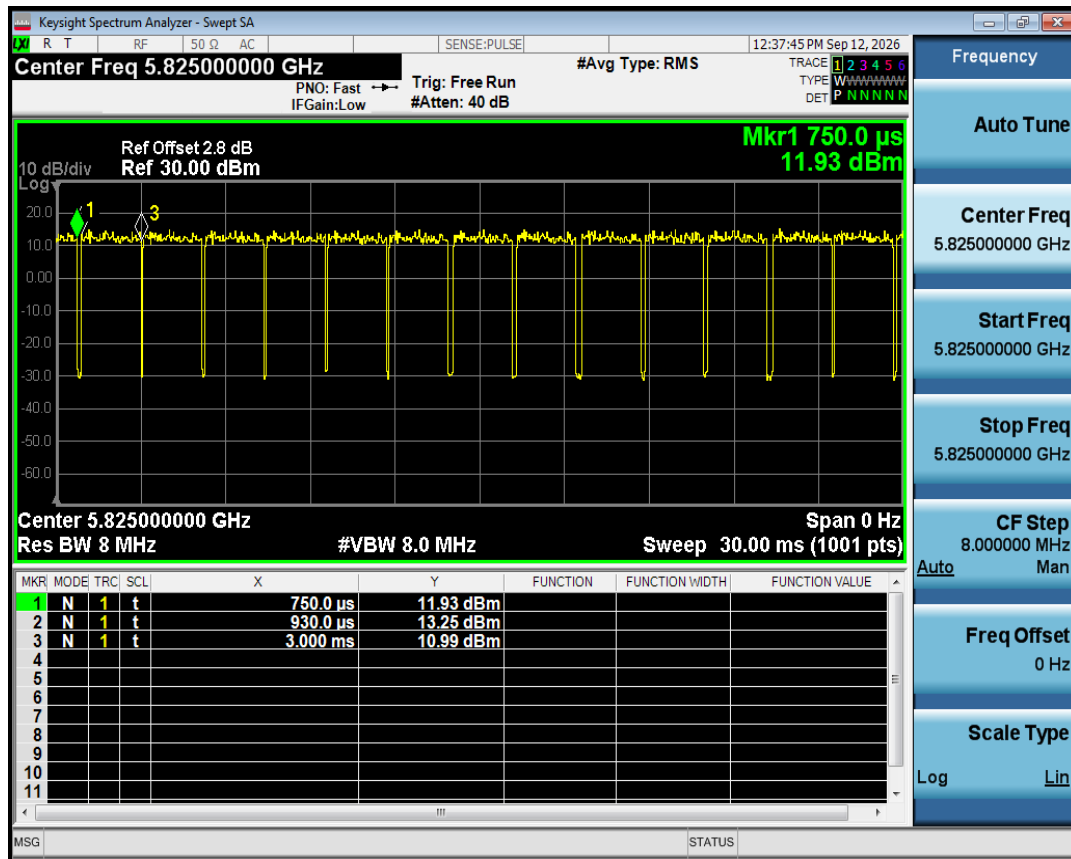
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	92	0.36	0.48
NVNT	a	5785	Ant1	89.61	0.48	0.48
NVNT	a	5825	Ant1	92	0.36	0.48
NVNT	n20	5745	Ant1	94.12	0.26	0.52
NVNT	n20	5785	Ant1	91.43	0.39	0.52
NVNT	n20	5825	Ant1	90.14	0.45	0.52
NVNT	n40	5755	Ant1	84.21	0.75	1.04
NVNT	n40	5795	Ant1	79.49	1	1.08
NVNT	ac20	5745	Ant1	90.14	0.45	0.52
NVNT	ac20	5785	Ant1	90.14	0.45	0.52
NVNT	ac20	5825	Ant1	95.52	0.2	0.52
NVNT	ac40	5755	Ant1	81.58	0.88	1.08
NVNT	ac40	5795	Ant1	81.58	0.88	1.08



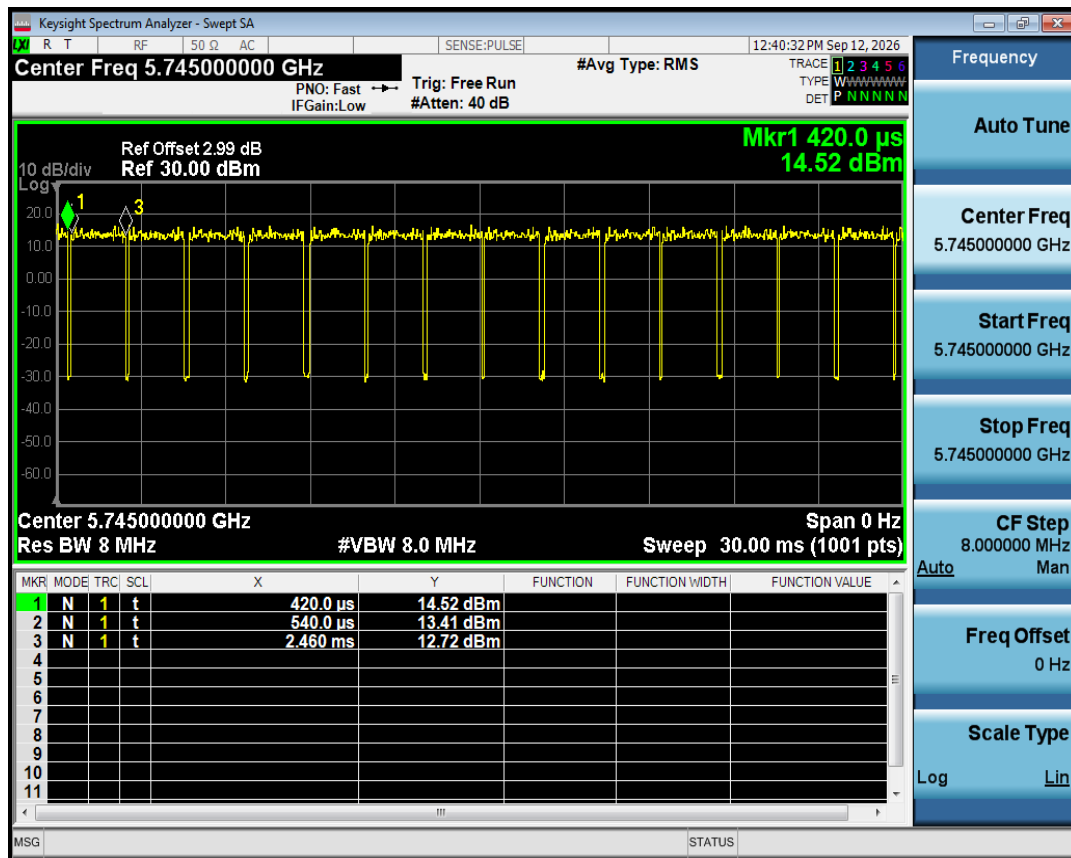
Duty Cycle NVNT a 5745MHz Ant1



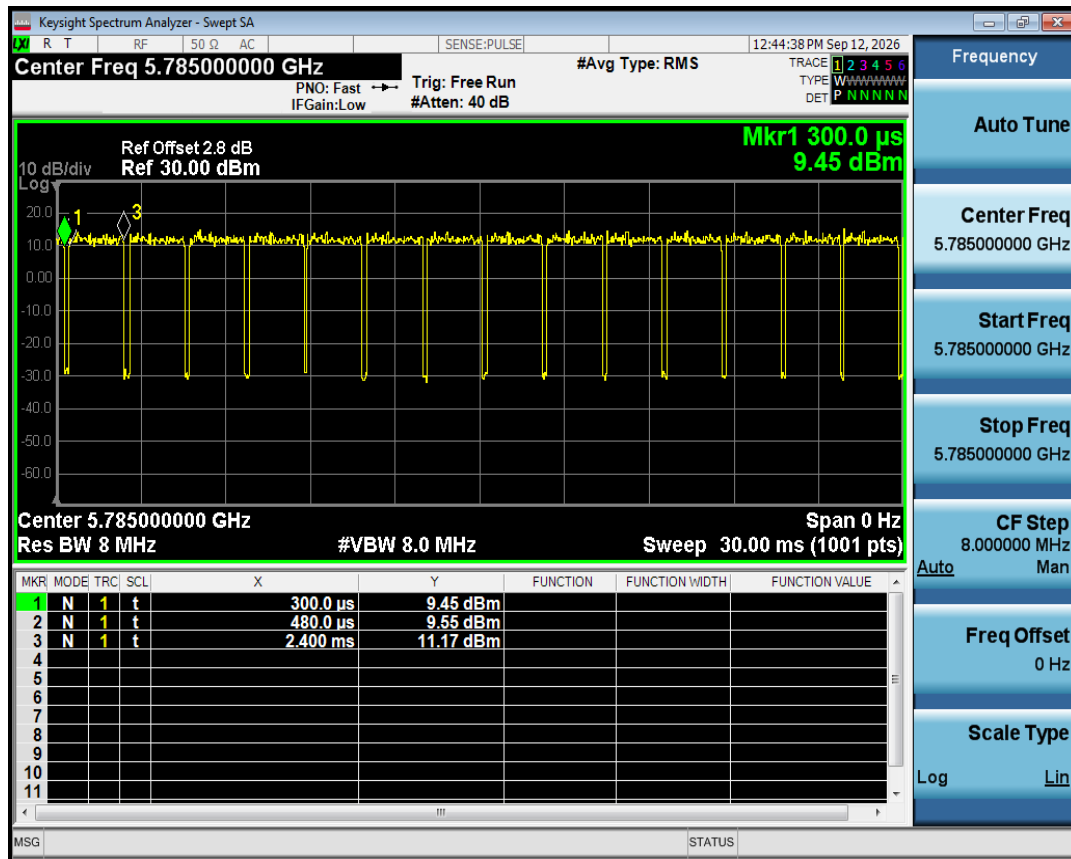
Duty Cycle NVNT a 5785MHz Ant1



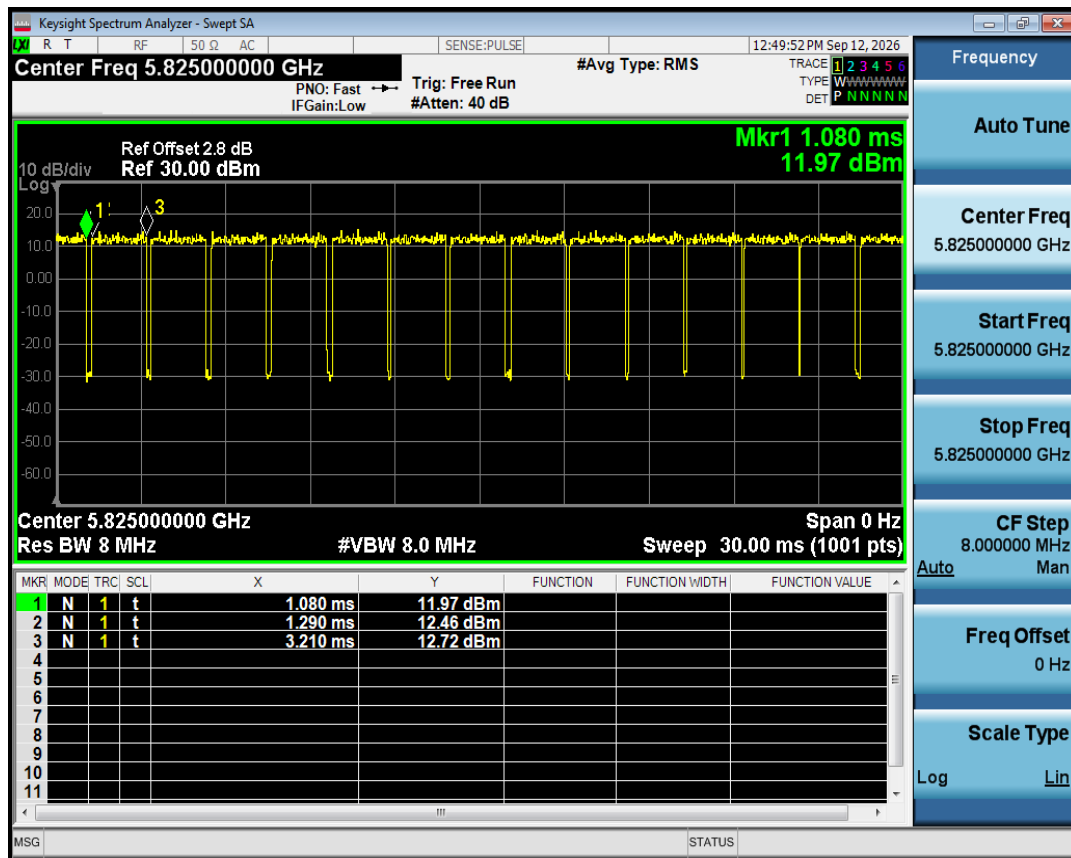
Duty Cycle NVNT a 5825MHz Ant1



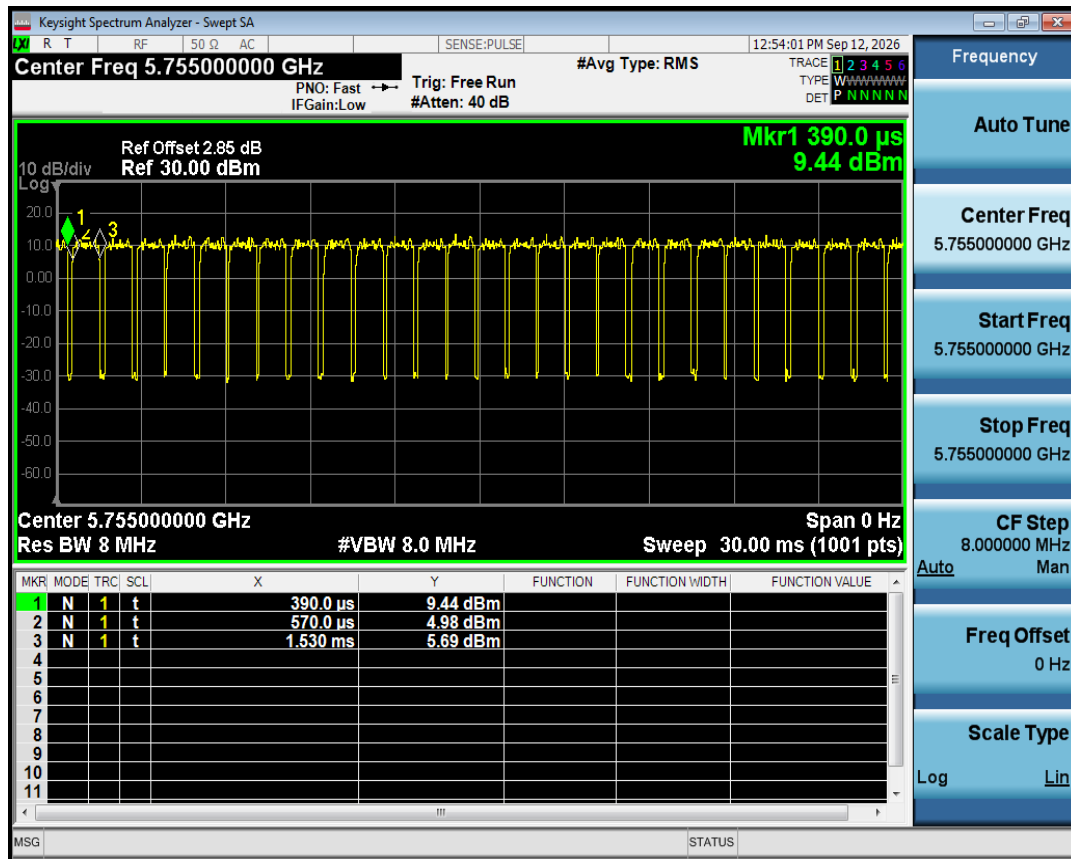
Duty Cycle NVNT n20 5745MHz Ant1



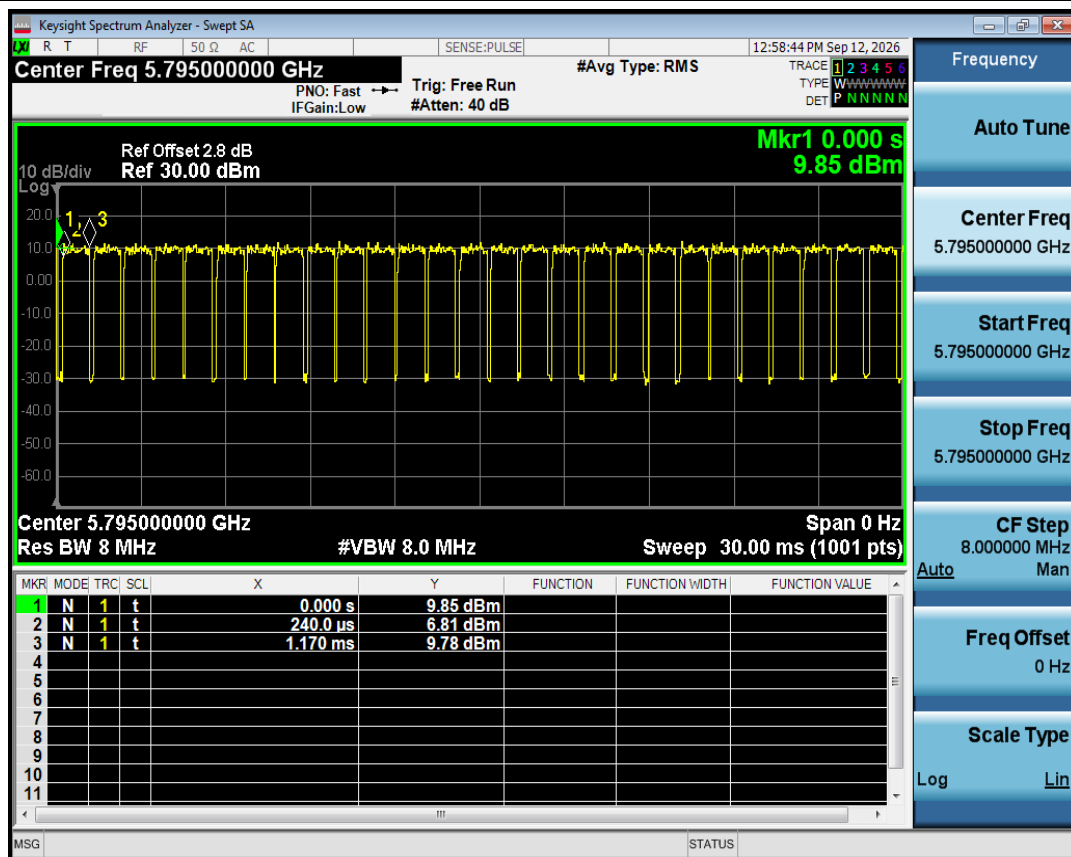
Duty Cycle NVNT n20 5785MHz Ant1



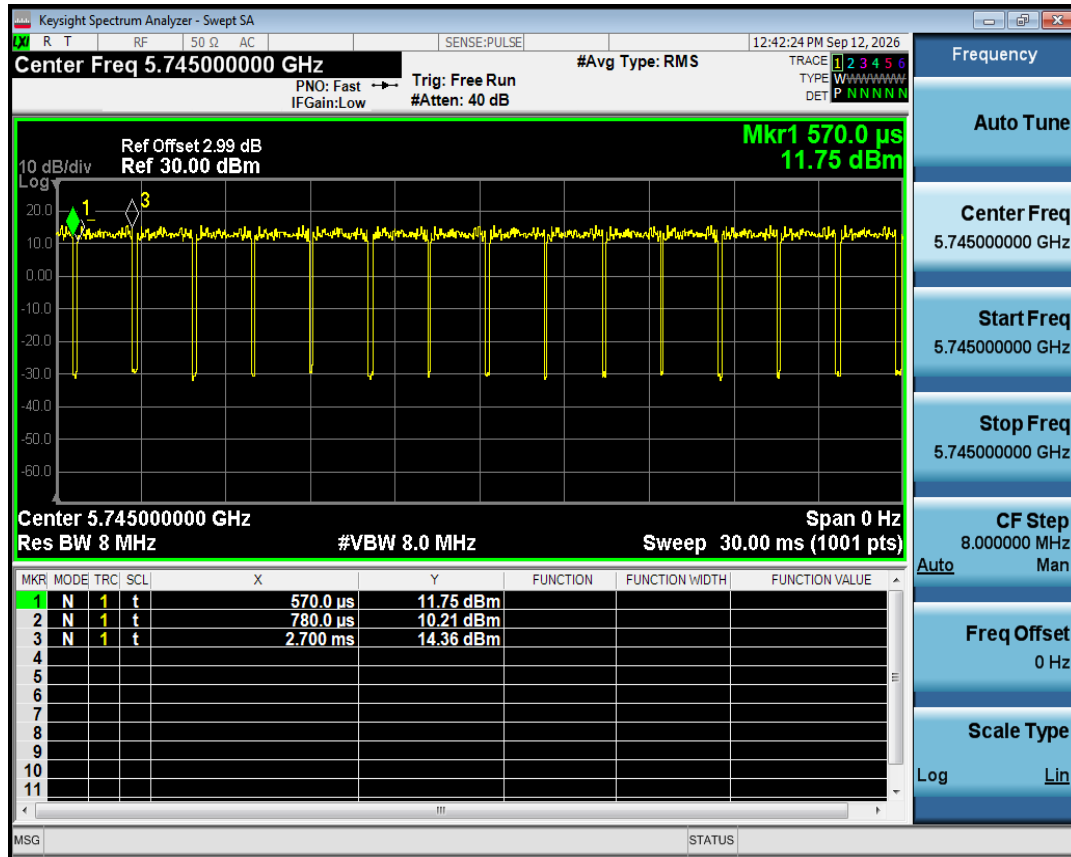
Duty Cycle NVNT n20 5825MHz Ant1



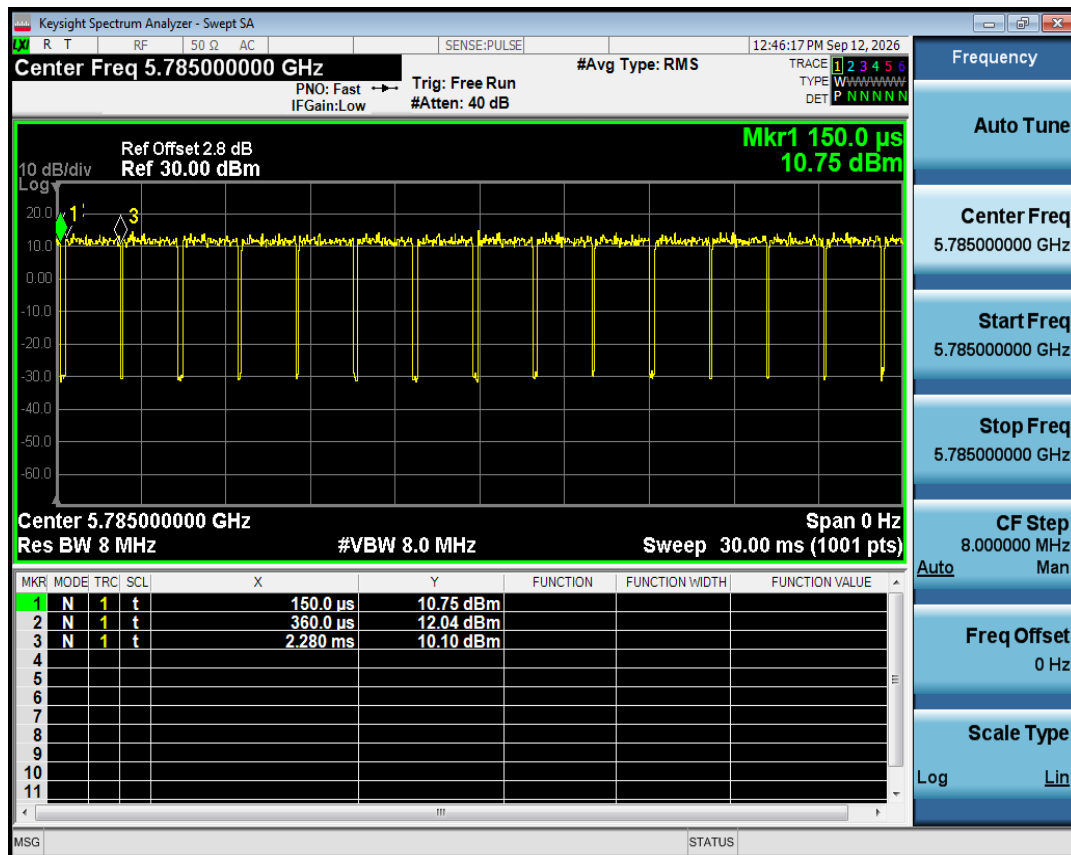
Duty Cycle NVNT n40 5755MHz Ant1



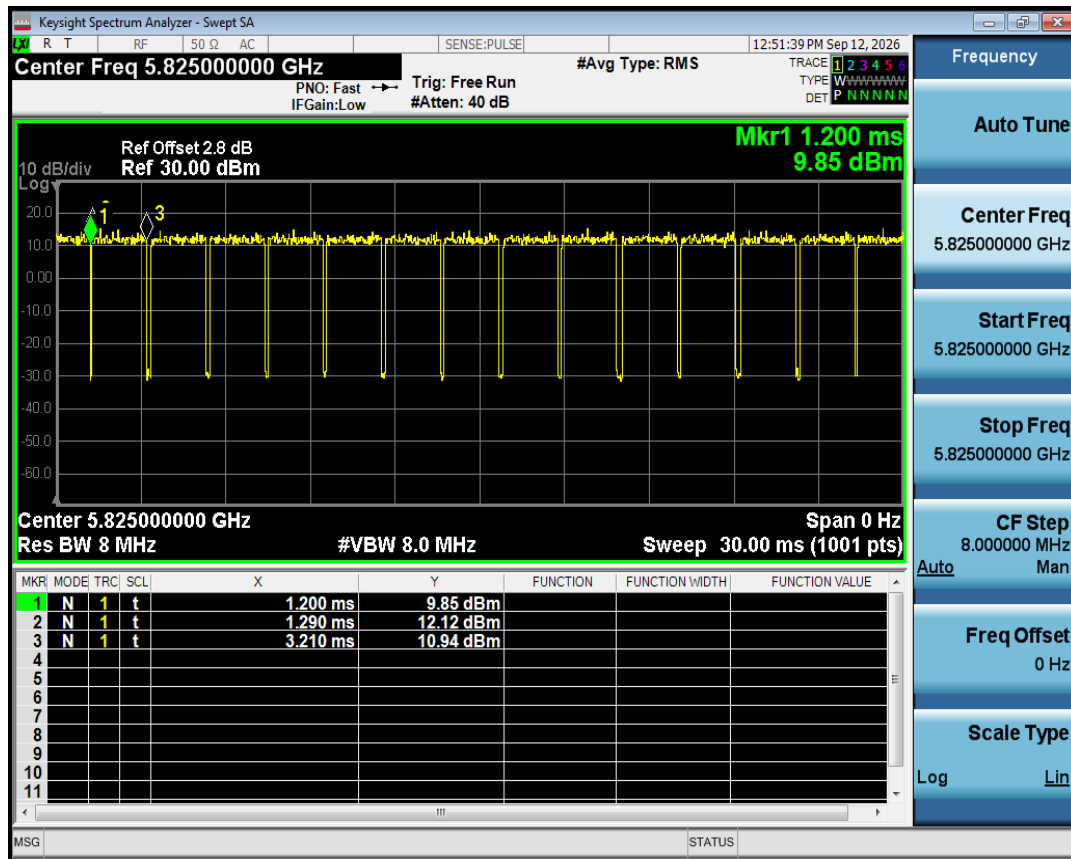
Duty Cycle NVNT n40 5795MHz Ant1



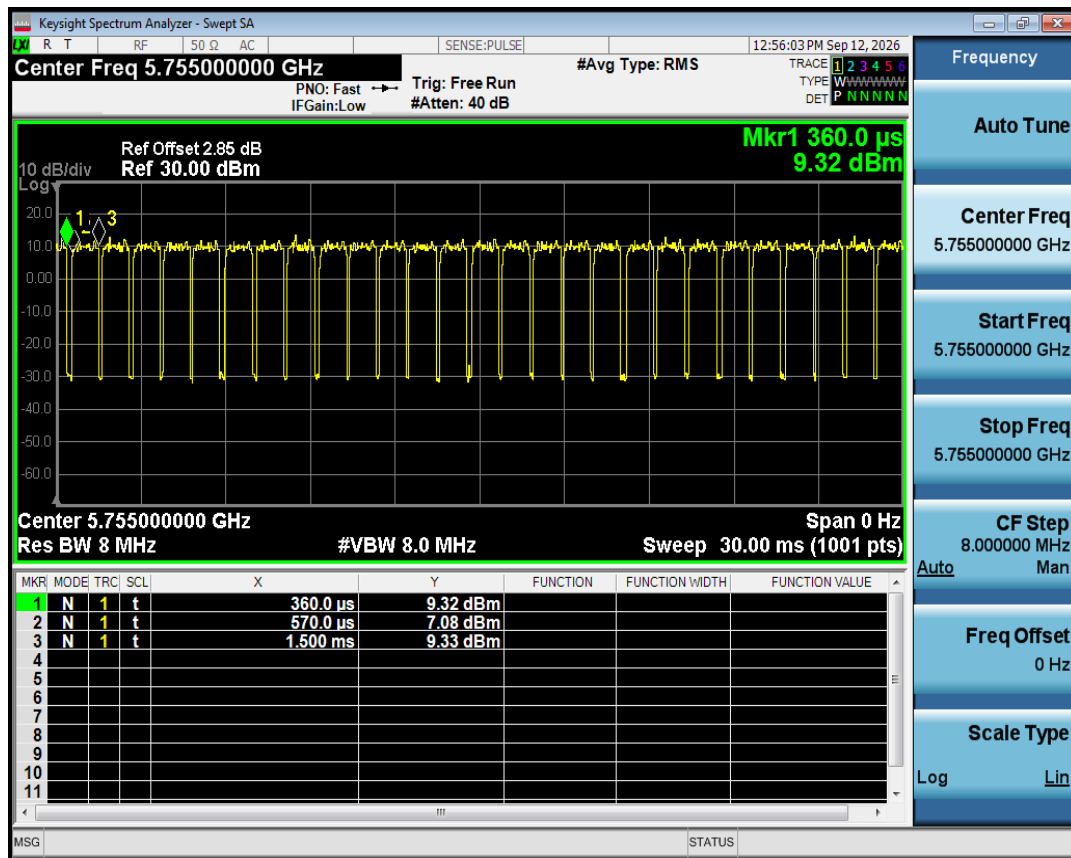
Duty Cycle NVNT ac20 5745MHz Ant1



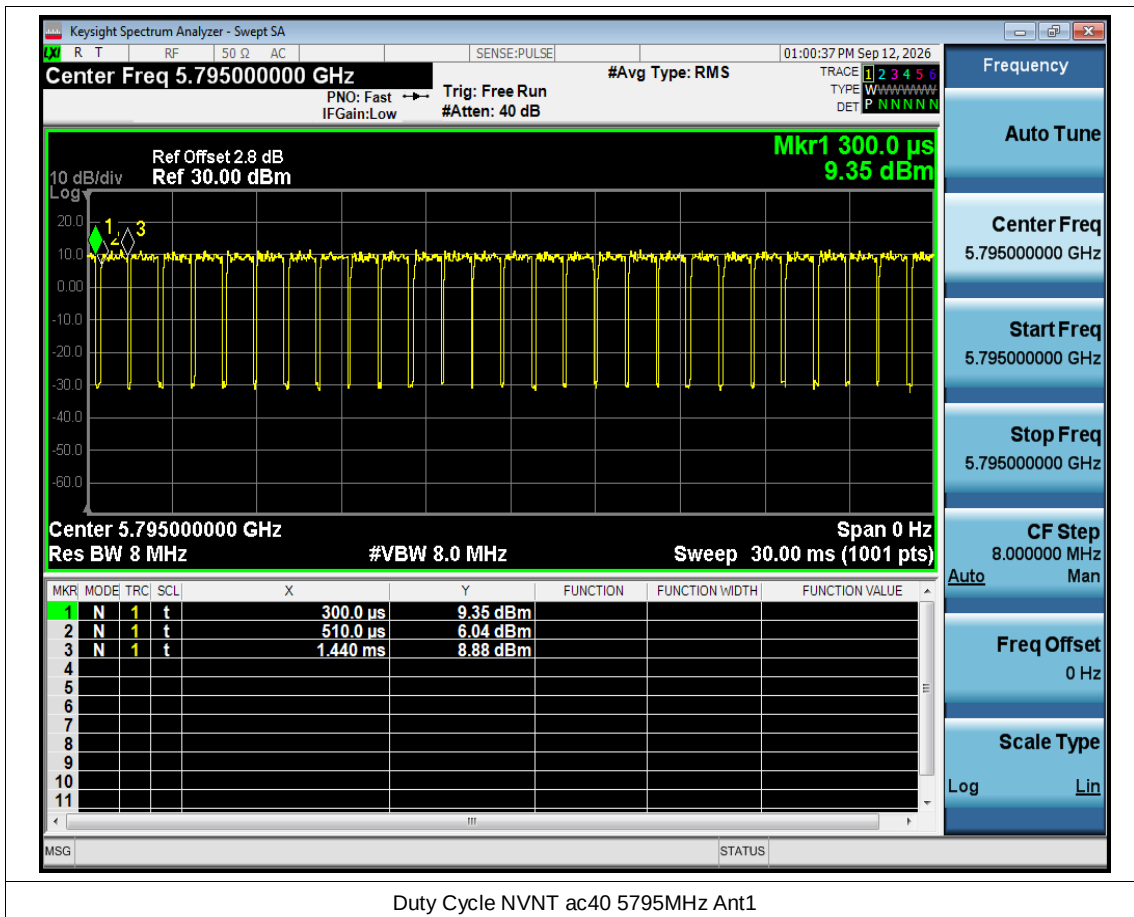
Duty Cycle NVNT ac20 5785MHz Ant1



Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	7.77	0.00598	30	Pass
NVNT	a	5785	Ant1	7.53	0.00566	30	Pass
NVNT	a	5825	Ant1	7.48	0.0056	30	Pass
NVNT	n20	5745	Ant1	7.53	0.00566	30	Pass
NVNT	n20	5785	Ant1	7.23	0.00528	30	Pass
NVNT	n20	5825	Ant1	7.27	0.00533	30	Pass
NVNT	n40	5755	Ant1	7.34	0.00542	30	Pass
NVNT	n40	5795	Ant1	7.36	0.00545	30	Pass
NVNT	ac20	5745	Ant1	7.23	0.00528	30	Pass
NVNT	ac20	5785	Ant1	7.14	0.00518	30	Pass
NVNT	ac20	5825	Ant1	7.2	0.00525	30	Pass
NVNT	ac40	5755	Ant1	7.23	0.00528	30	Pass
NVNT	ac40	5795	Ant1	7.23	0.00528	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	13.83	0.5	Pass
NVNT	a	5785	Ant1	13.77	0.5	Pass
NVNT	a	5825	Ant1	13.83	0.5	Pass
NVNT	n20	5745	Ant1	15.1	0.5	Pass
NVNT	n20	5785	Ant1	14.07	0.5	Pass
NVNT	n20	5825	Ant1	13.52	0.5	Pass
NVNT	n40	5755	Ant1	31.33	0.5	Pass
NVNT	n40	5795	Ant1	30.08	0.5	Pass
NVNT	ac20	5745	Ant1	15.02	0.5	Pass
NVNT	ac20	5785	Ant1	15.05	0.5	Pass
NVNT	ac20	5825	Ant1	15.05	0.5	Pass
NVNT	ac40	5755	Ant1	32.55	0.5	Pass
NVNT	ac40	5795	Ant1	31.31	0.5	Pass



-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



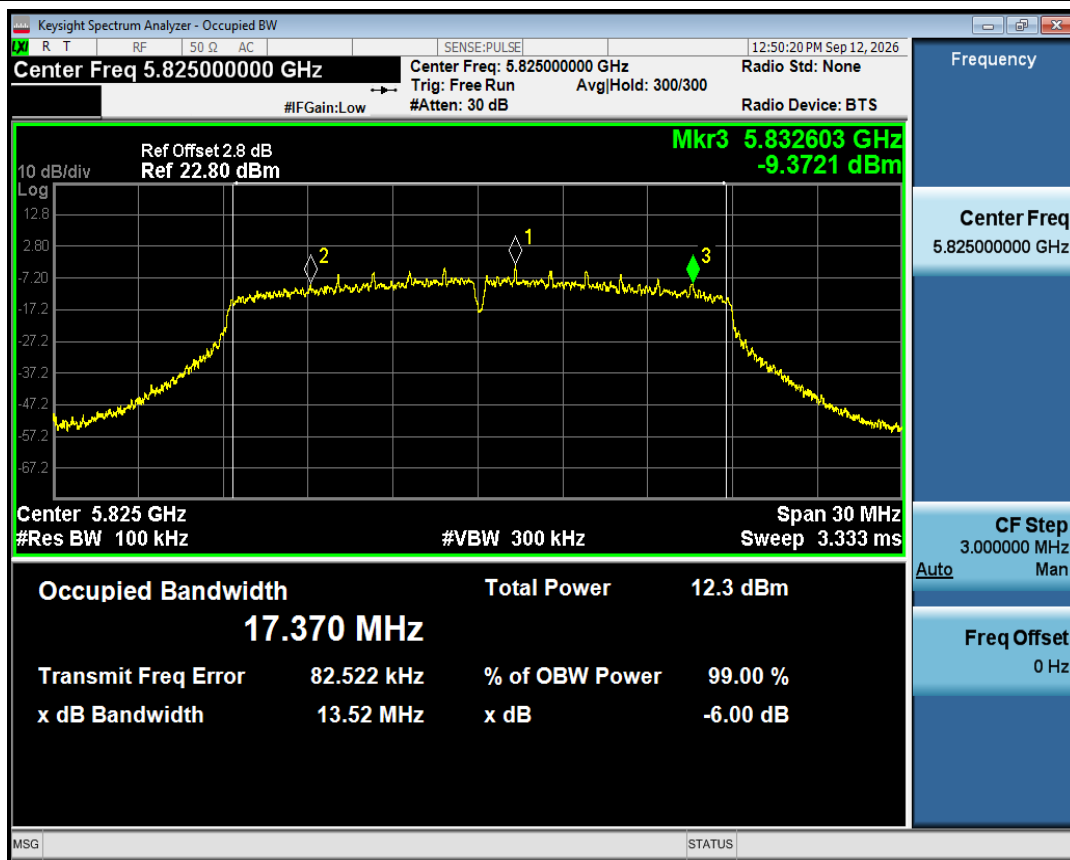
-6dB Bandwidth NVNT a 5825MHz Ant1



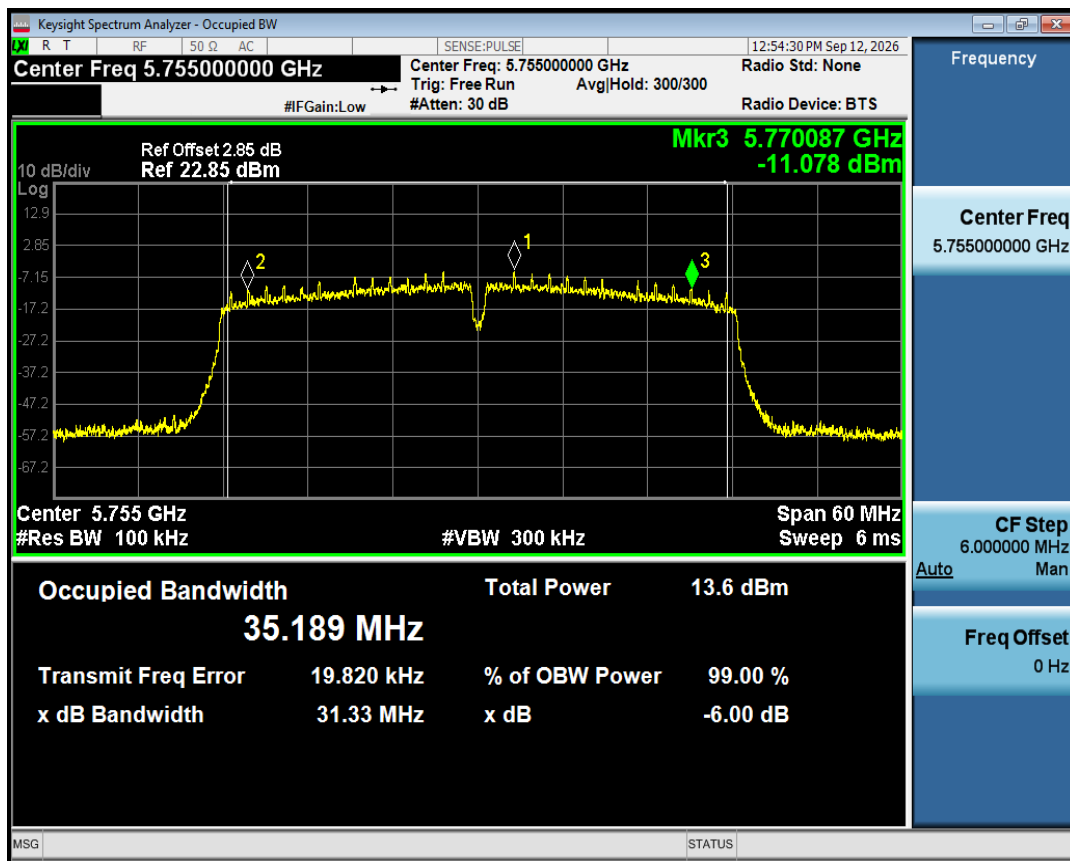
-6dB Bandwidth NVNT n20 5745MHz Ant1



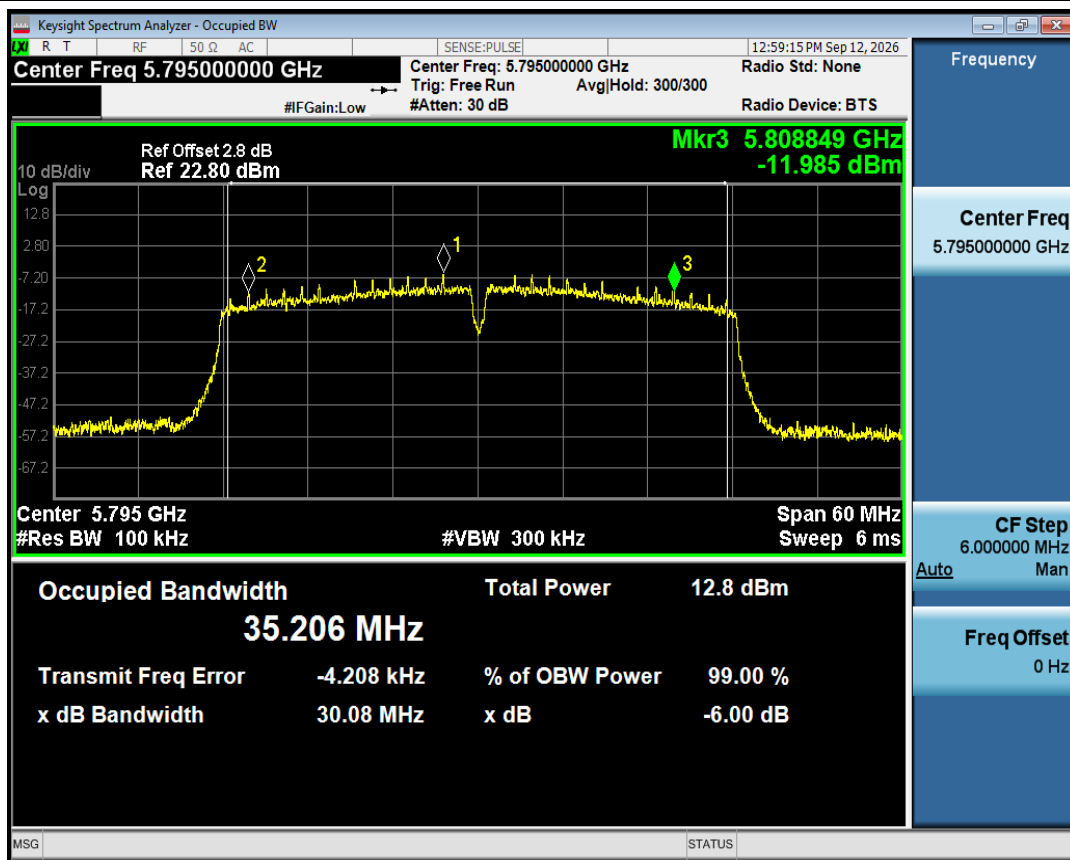
-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



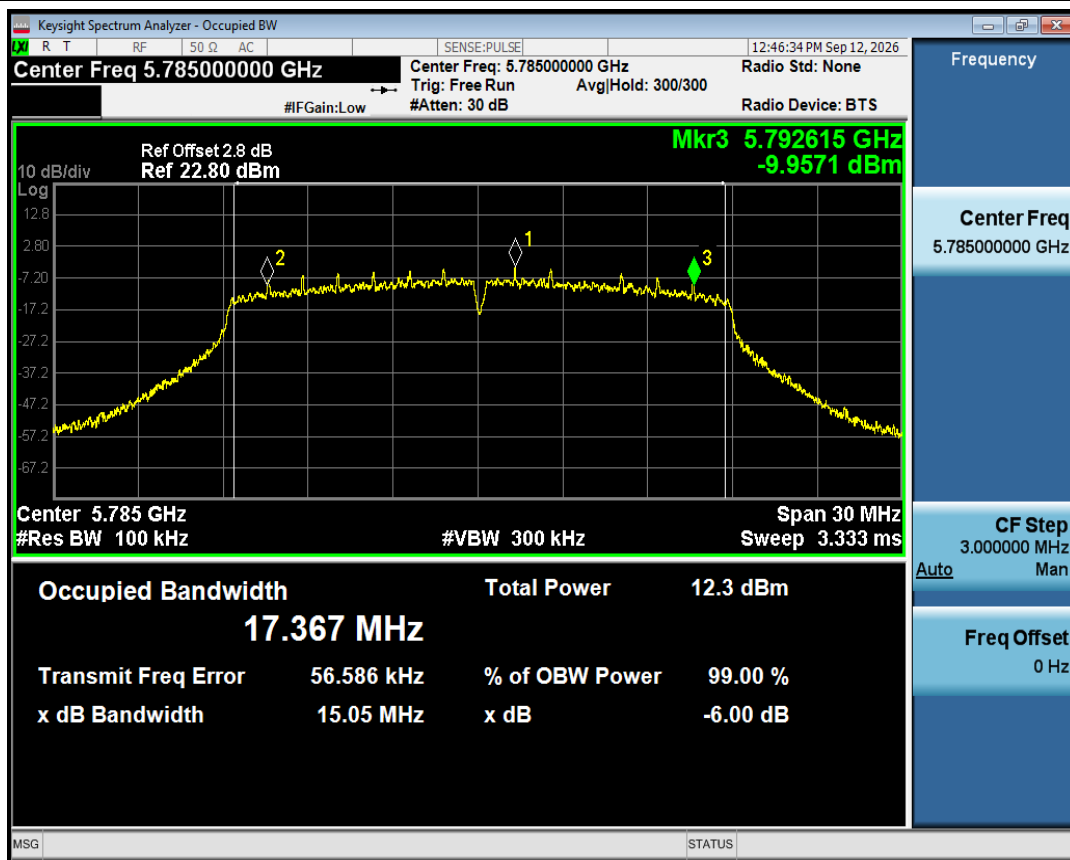
-6dB Bandwidth NVNT n40 5755MHz Ant1



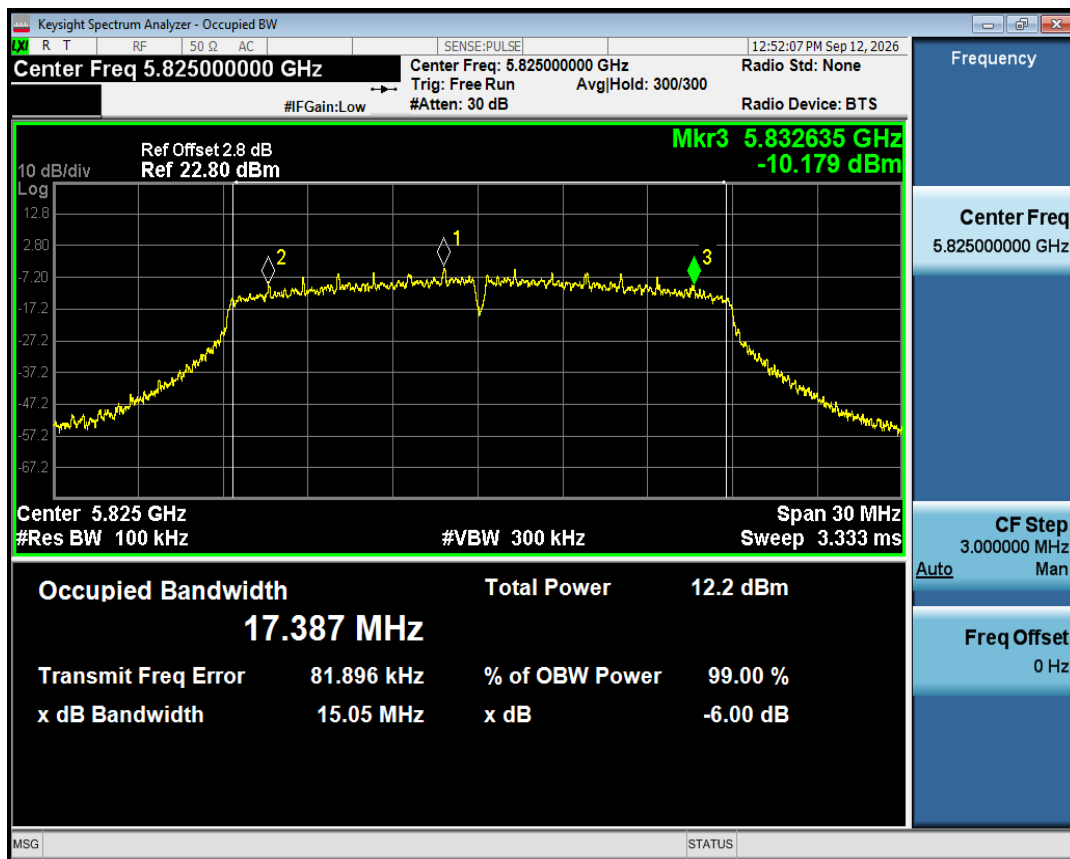
-6dB Bandwidth NVNT n40 5795MHz Ant1



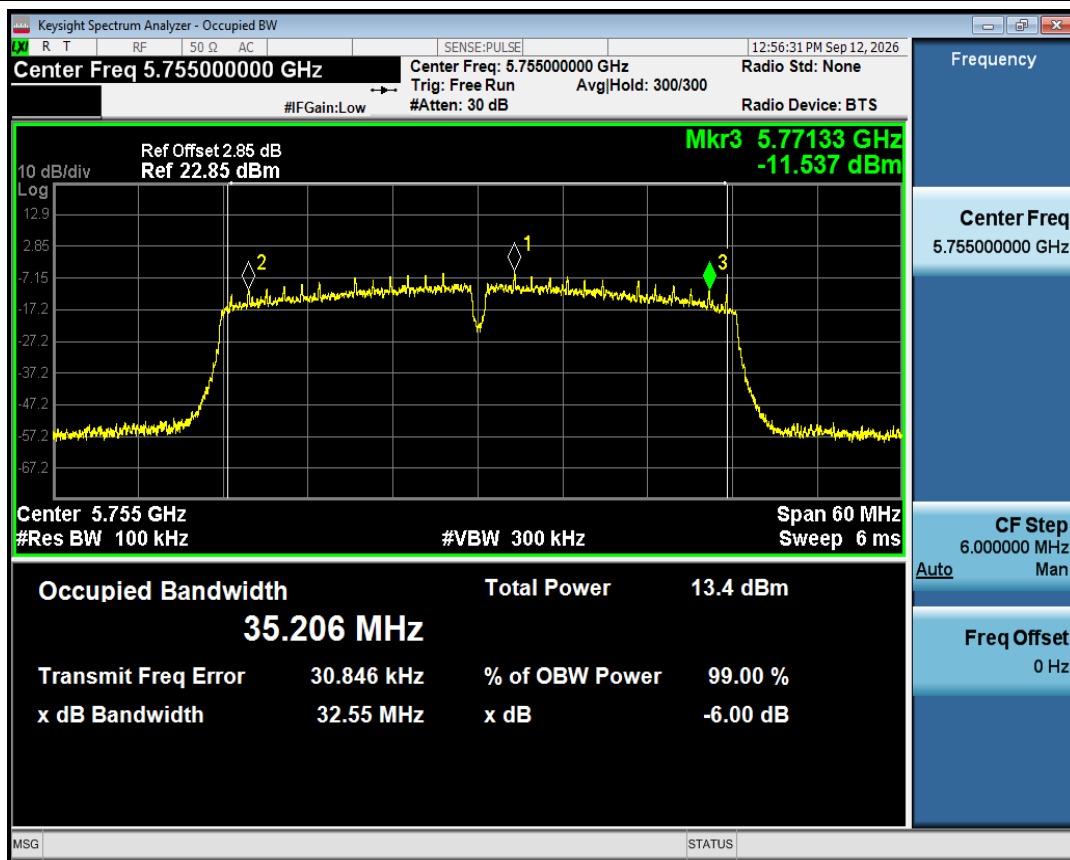
-6dB Bandwidth NVNT ac20 5745MHz Ant1



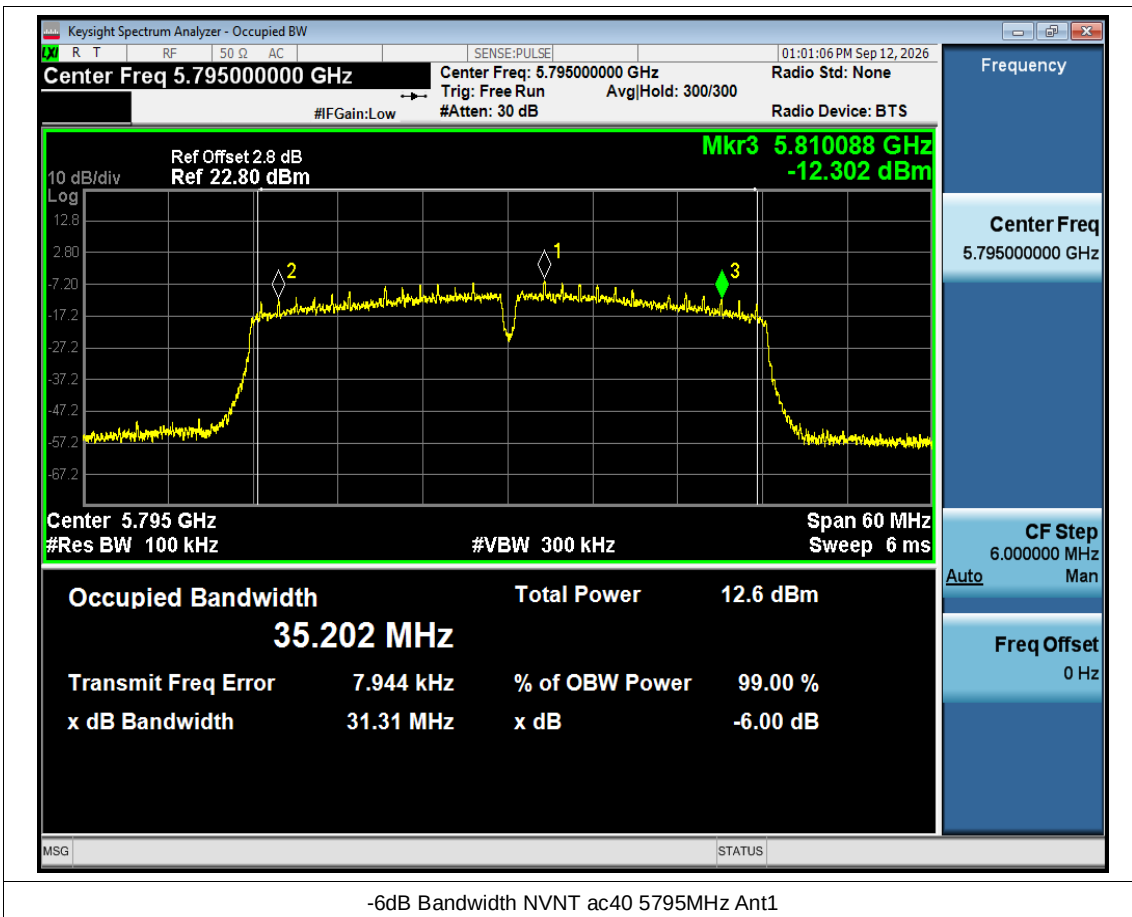
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1

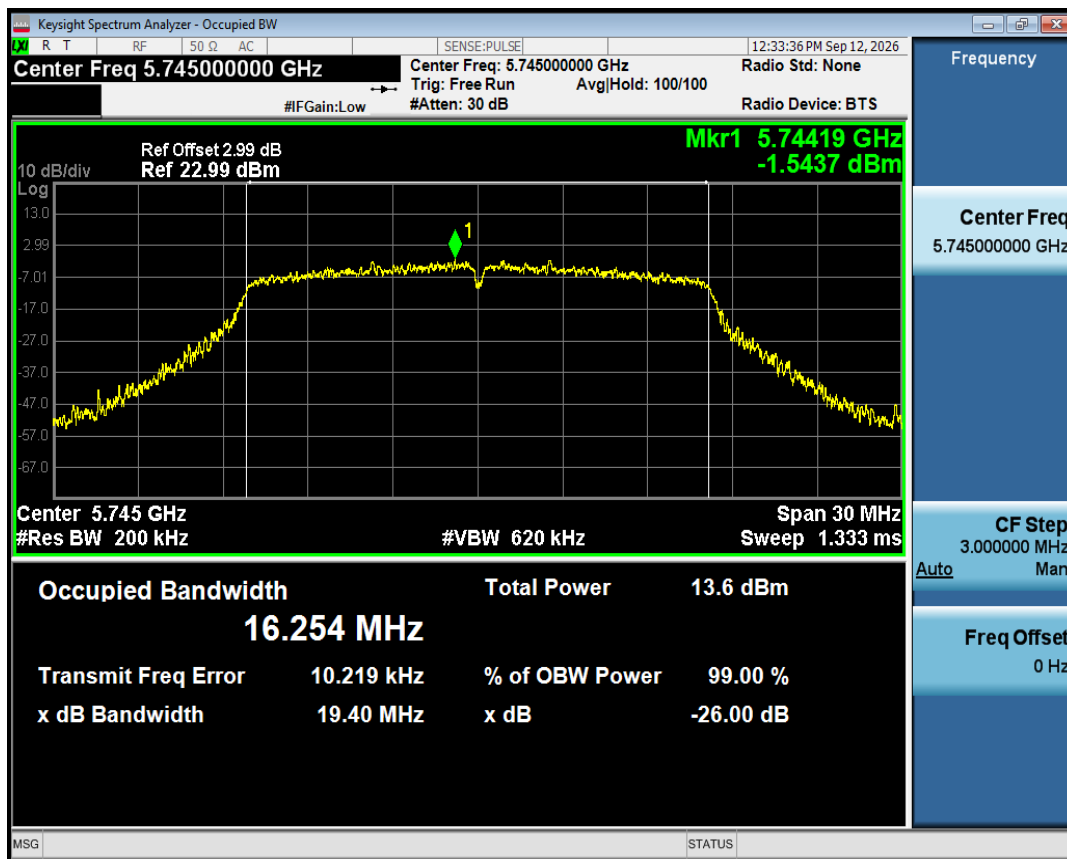


-6dB Bandwidth NVNT ac40 5755MHz Ant1

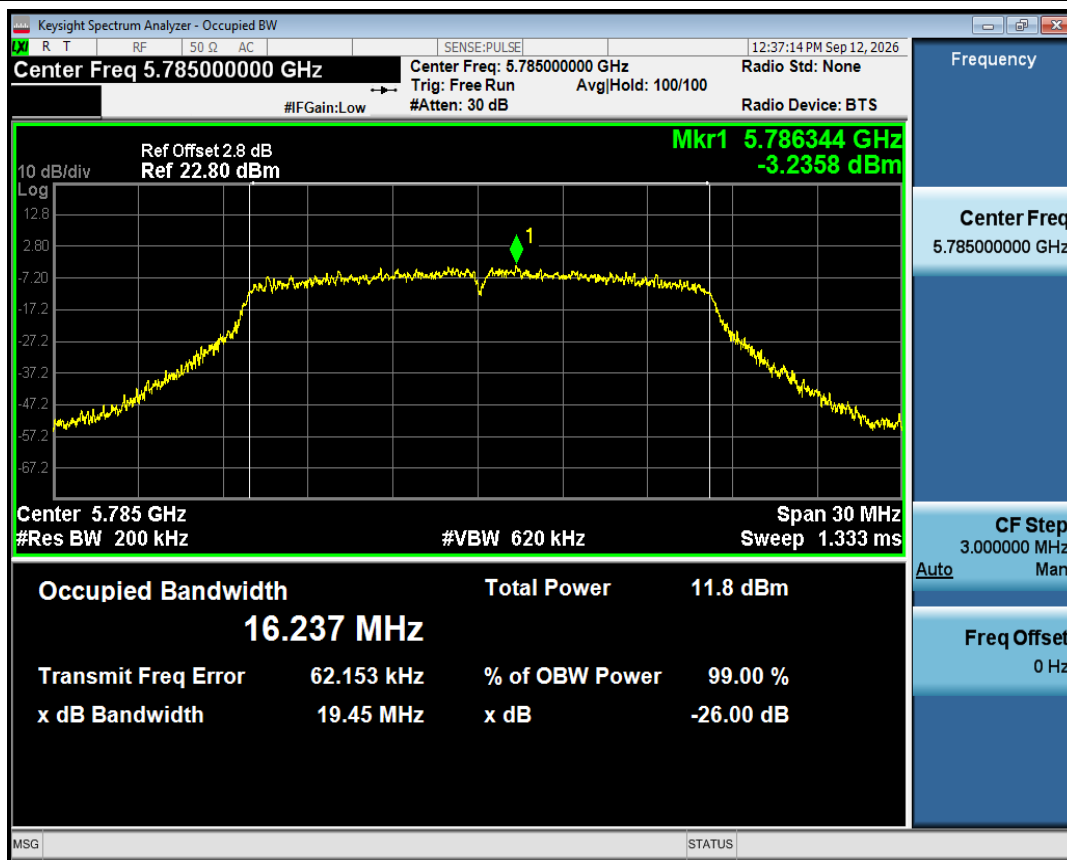


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.254
NVNT	a	5785	Ant1	16.237
NVNT	a	5825	Ant1	16.237
NVNT	n20	5745	Ant1	17.344
NVNT	n20	5785	Ant1	17.381
NVNT	n20	5825	Ant1	17.367
NVNT	n40	5755	Ant1	35.215
NVNT	n40	5795	Ant1	35.212
NVNT	ac20	5745	Ant1	17.33
NVNT	ac20	5785	Ant1	17.364
NVNT	ac20	5825	Ant1	17.351
NVNT	ac40	5755	Ant1	35.233
NVNT	ac40	5795	Ant1	35.225



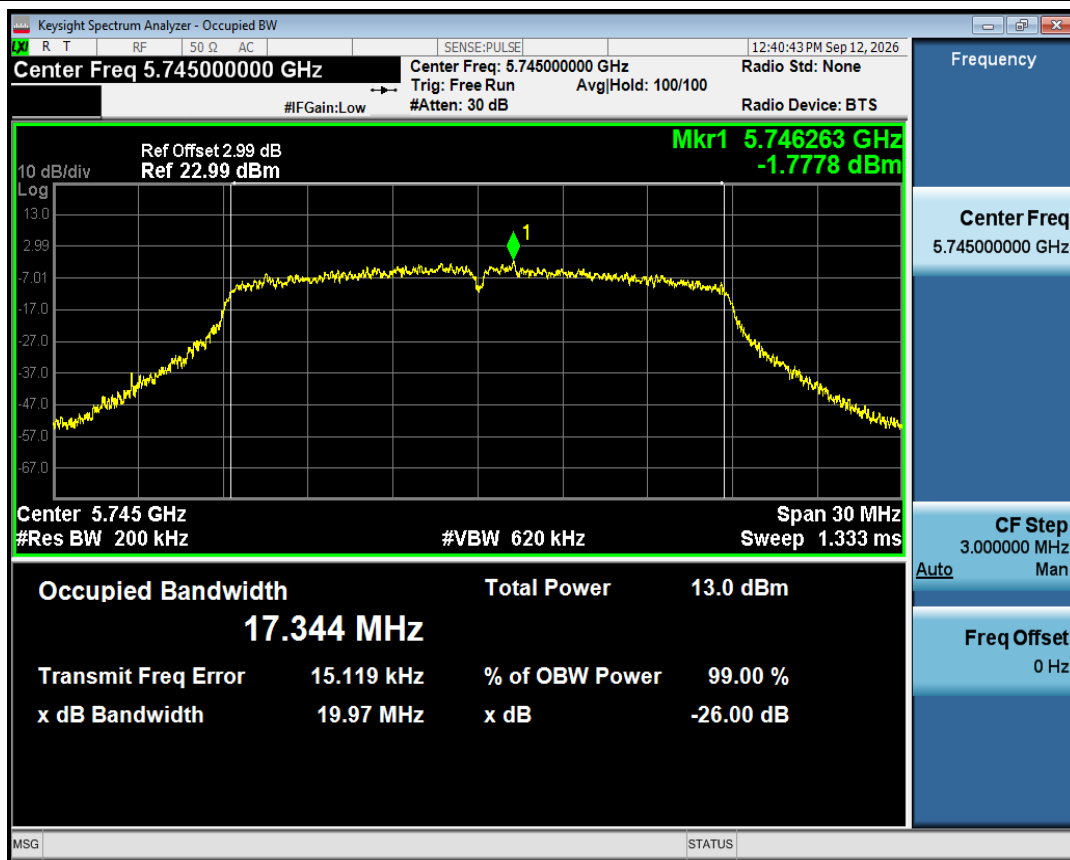
OBW NVNT a 5745MHz Ant1



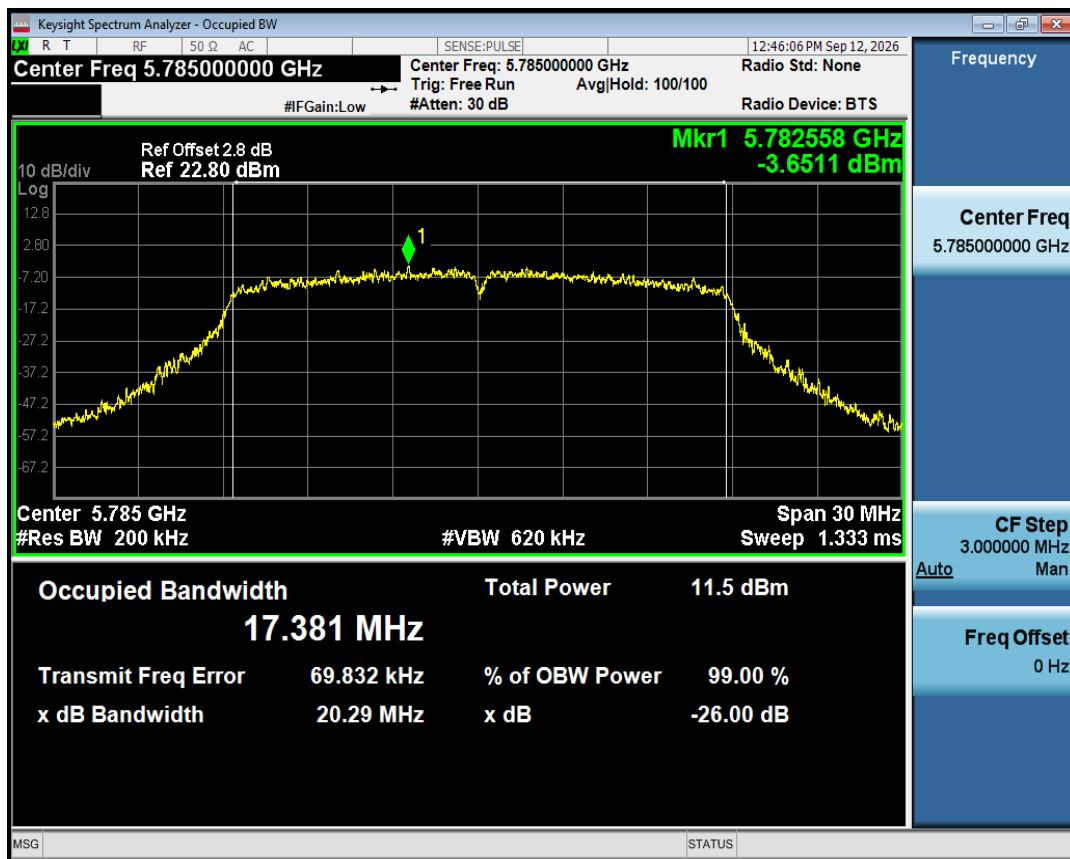
OBW NVNT a 5785MHz Ant1



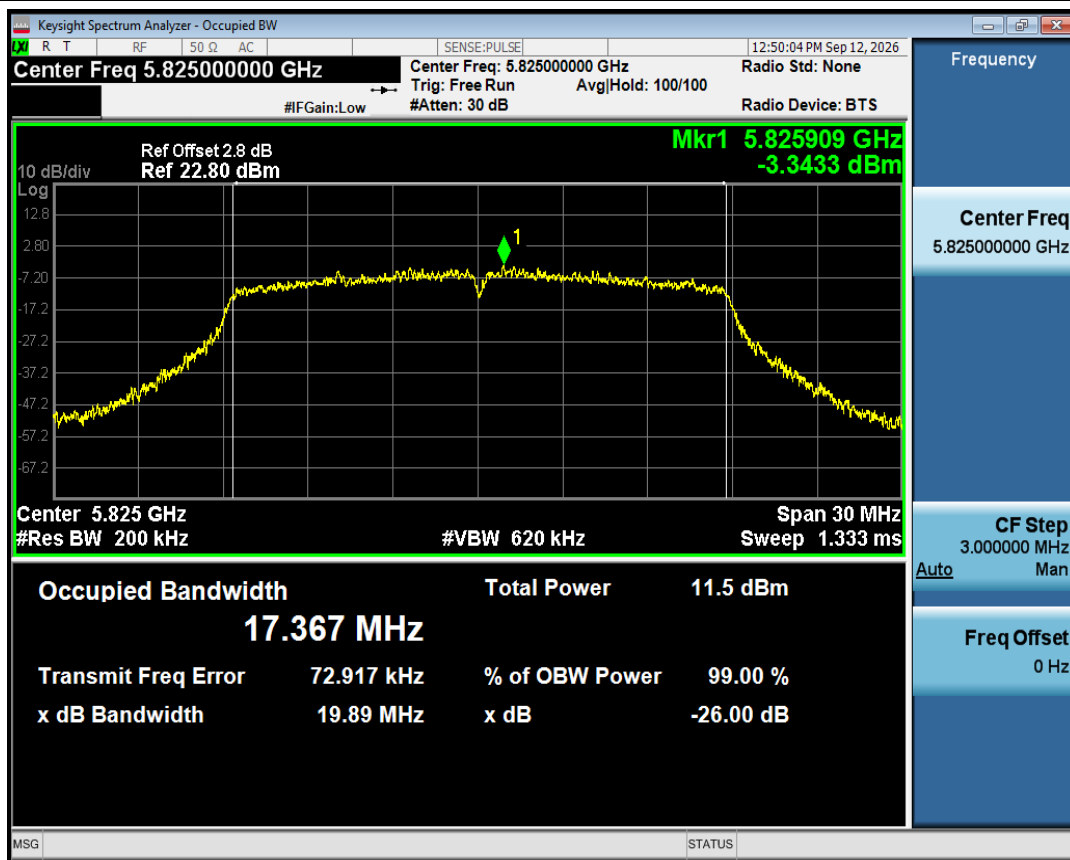
OBW NVNT a 5825MHz Ant1



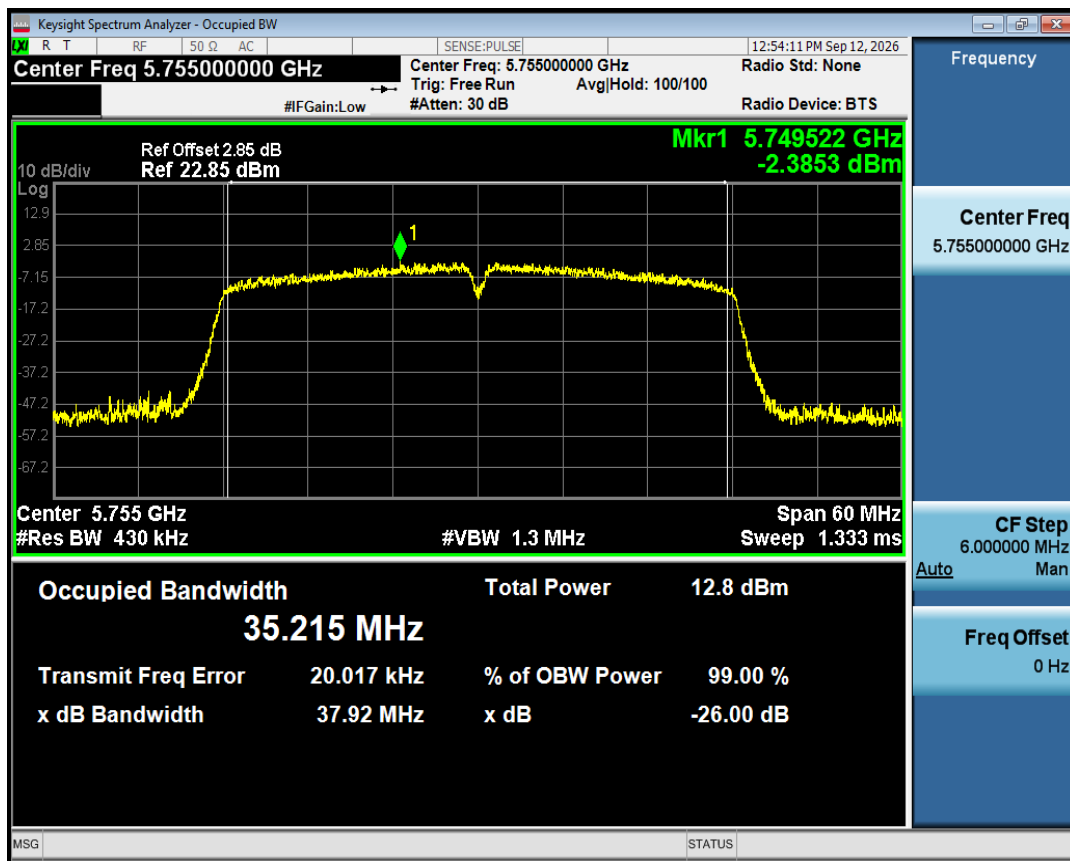
OBW NVNT n20 5745MHz Ant1



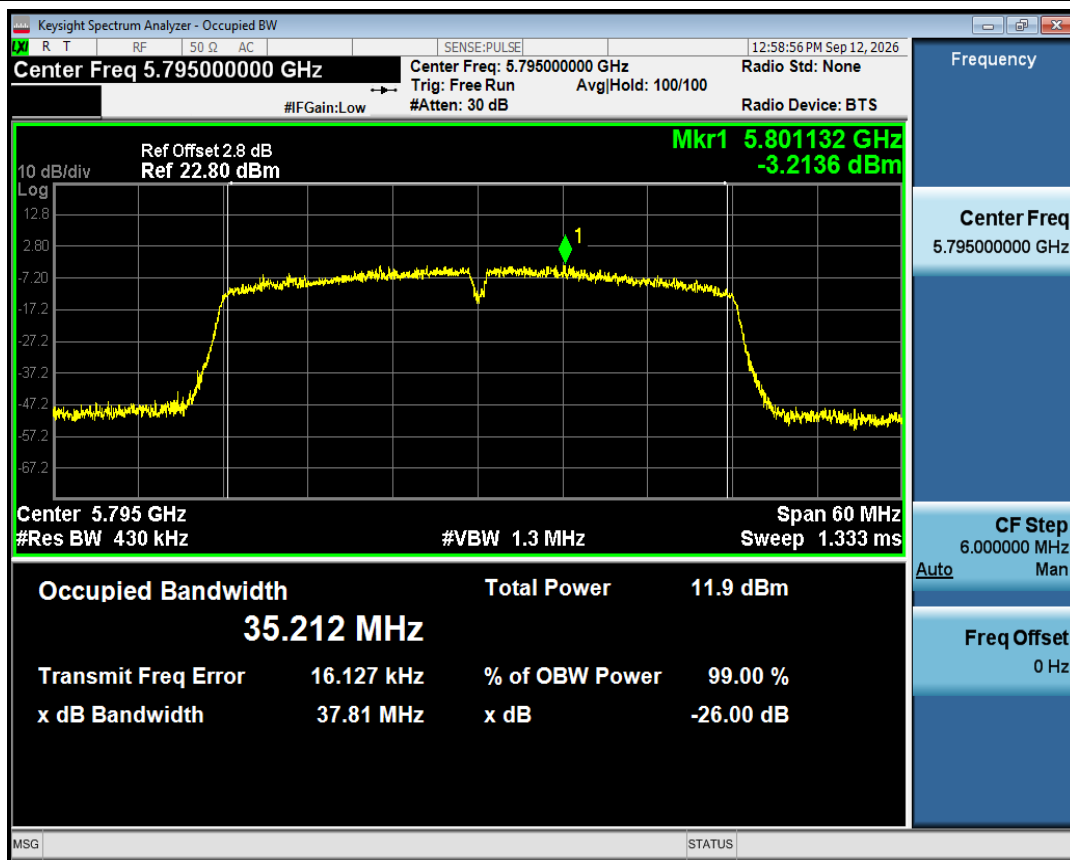
OBW NVNT n20 5785MHz Ant1



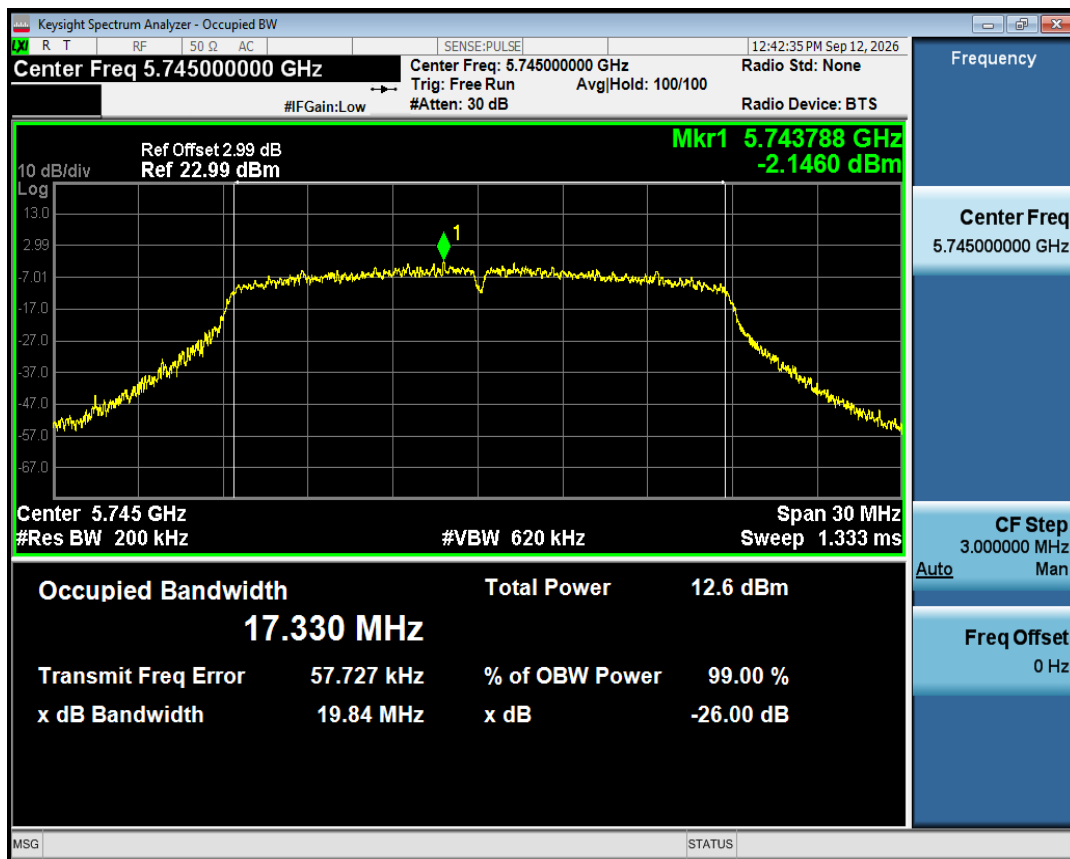
OBW NVNT n20 5825MHz Ant1



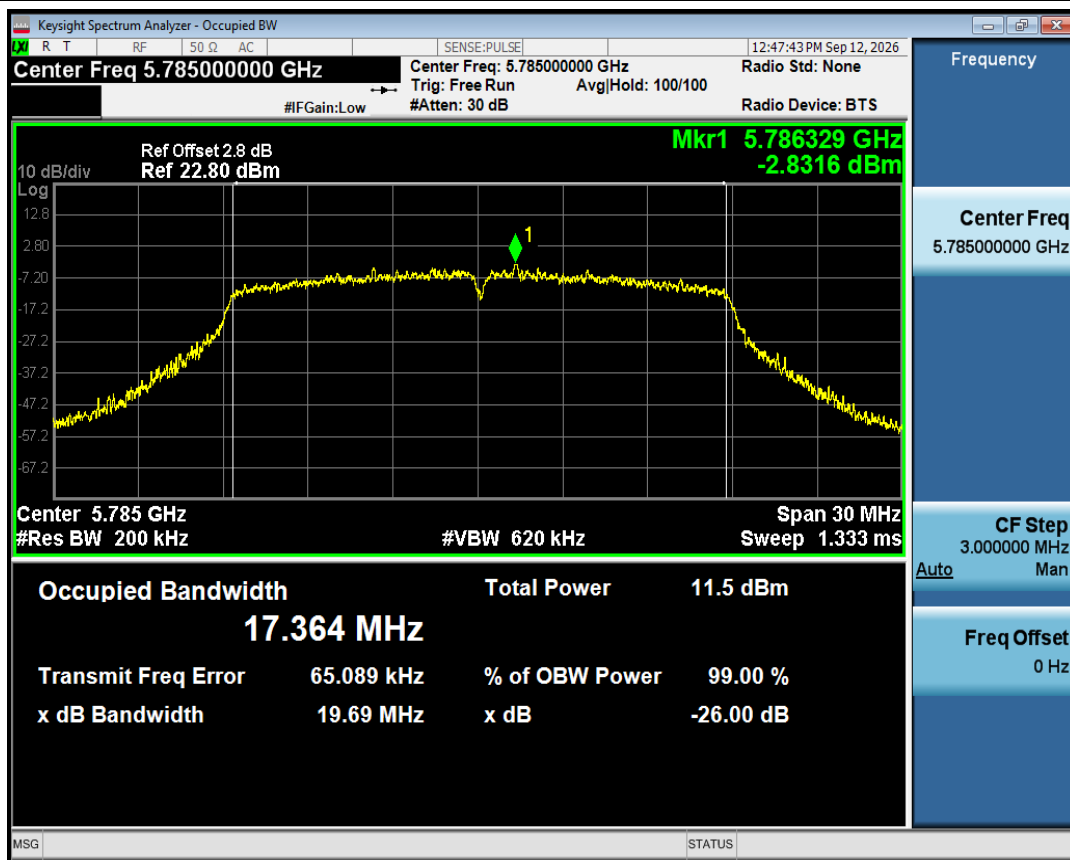
OBW NVNT n40 5755MHz Ant1



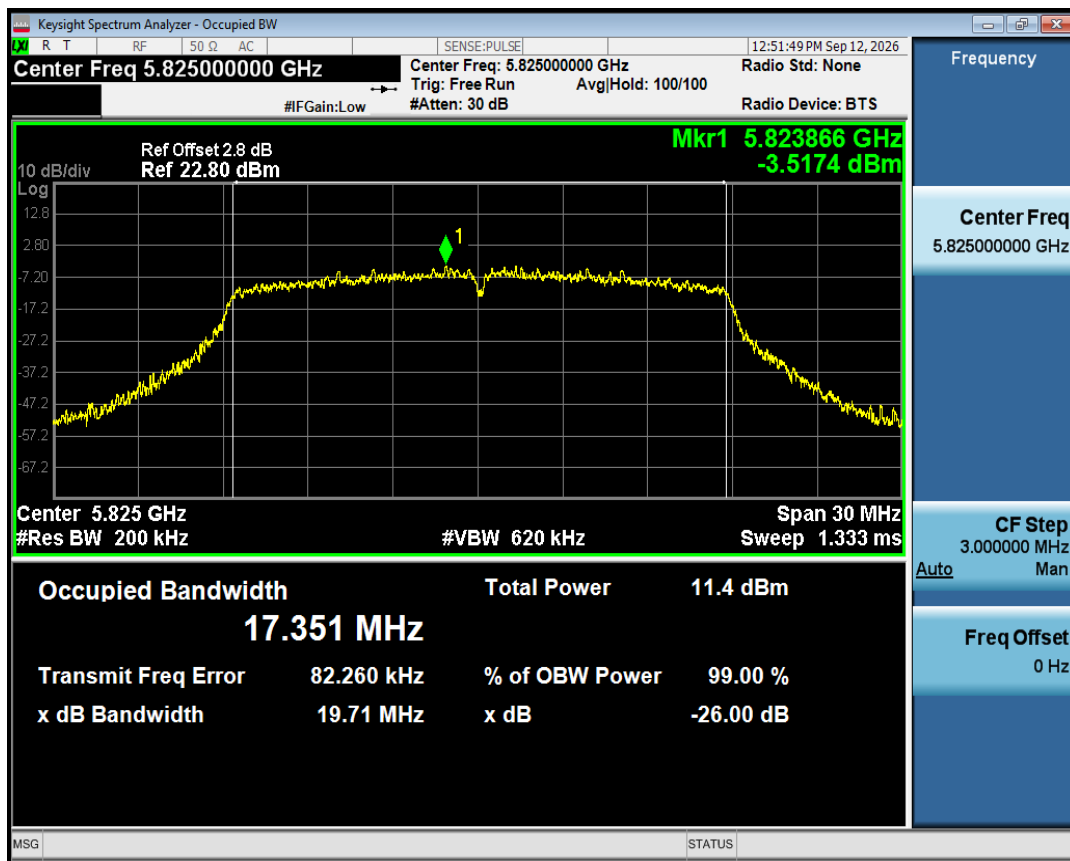
OBW NVNT n40 5795MHz Ant1



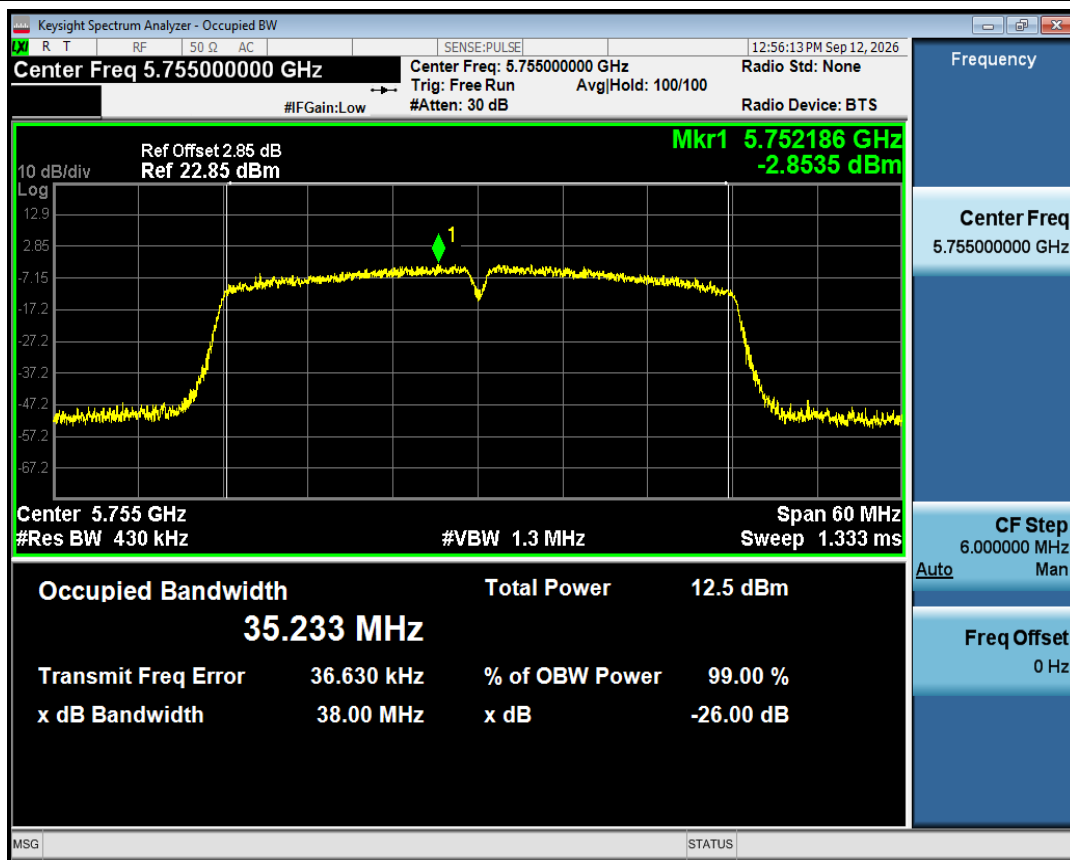
OBW NVNT ac20 5745MHz Ant1



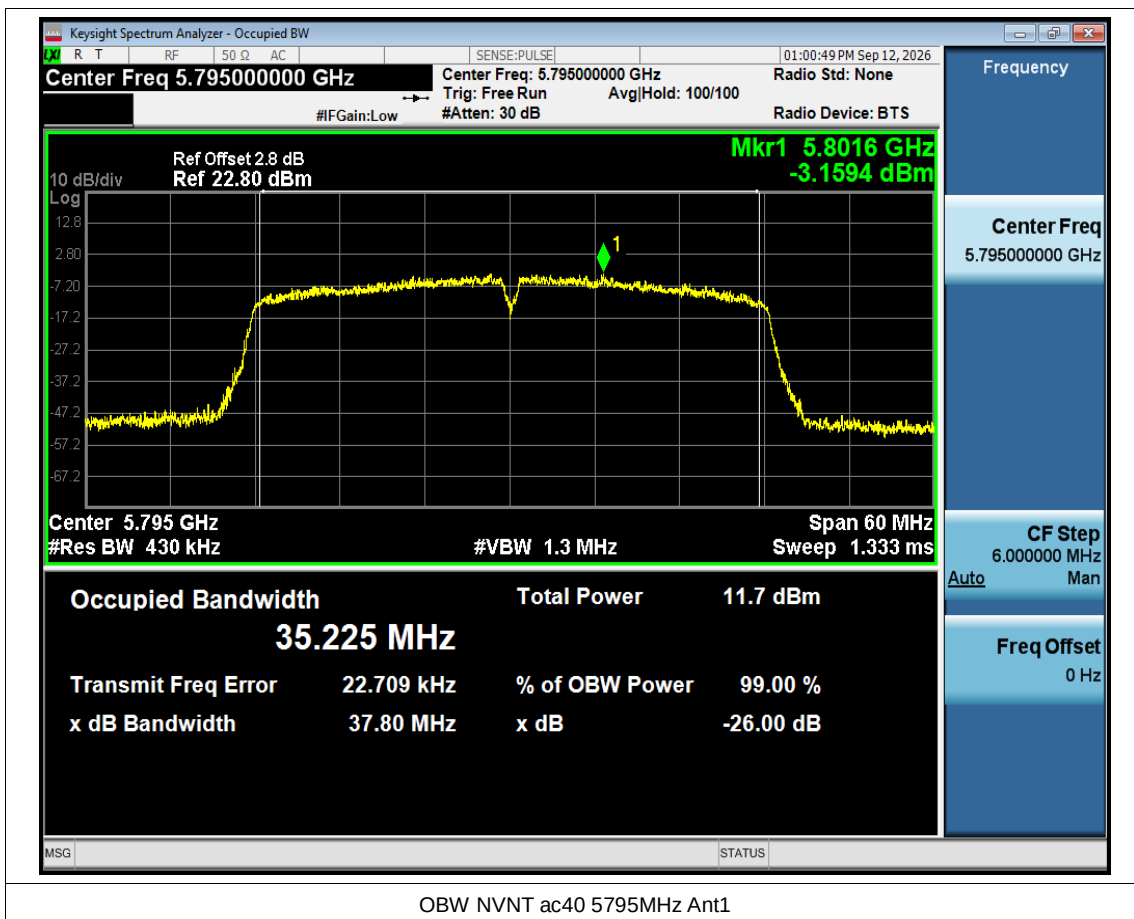
OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



Maximum Power Spectral Density Level

Condit ion	Mo de	Freque ncy (MHz)	Anten na	Conducte d PSD (dBm/510 kHz)	Duty Fact or (dB)	Total Conducte d PSD (dBm/510 kHz)	Total Conducte d PSD (dBm/500 kHz)	Limit Conducted(dBm/5 00kHz)	Verd ict
NVNT	a	5745	Ant1	-4.94	0.36	-4.58	0.342	30	Pass
NVNT	a	5785	Ant1	-6.45	0.48	-5.97	0.248	30	Pass
NVNT	a	5825	Ant1	-6.76	0.36	-6.4	0.225	30	Pass
NVNT	n20	5745	Ant1	-5.77	0.26	-5.51	0.276	30	Pass
NVNT	n20	5785	Ant1	-7	0.39	-6.61	0.214	30	Pass
NVNT	n20	5825	Ant1	-7.16	0.45	-6.71	0.209	30	Pass
NVNT	n40	5755	Ant1	-9.04	0.75	-8.29	0.145	30	Pass
NVNT	n40	5795	Ant1	-10.09	1	-9.09	0.121	30	Pass
NVNT	ac2 0	5745	Ant1	-5.94	0.45	-5.49	0.277	30	Pass
NVNT	ac2 0	5785	Ant1	-7.1	0.45	-6.65	0.212	30	Pass
NVNT	ac2 0	5825	Ant1	-7.28	0.2	-7.08	0.192	30	Pass
NVNT	ac4 0	5755	Ant1	-9.49	0.88	-8.61	0.135	30	Pass
NVNT	ac4 0	5795	Ant1	-10.24	0.88	-9.36	0.114	30	Pass

Note:

(1) RBW Correction Factor: The measurement was performed with a resolution bandwidth of 510 kHz. The PSD was normalized to the required 500 kHz bandwidth as follows:

$$\text{PSD}(500\text{kHz}) = \text{PSD}(510\text{kHz}) + 10\log_{10}(500/510) = \text{PSD}(510\text{kHz}) - 0.086 \text{ dB}$$

(2) Total PSD Calculation:

$$\text{Total PSD}(510\text{kHz}) = \text{Conducted PSD}(510\text{kHz}) + \text{Duty Factor (dB)}$$

$$\text{Total PSD}(500\text{kHz}) = \text{Total PSD}(510\text{kHz}) + 10\log_{10}(500/510)$$



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



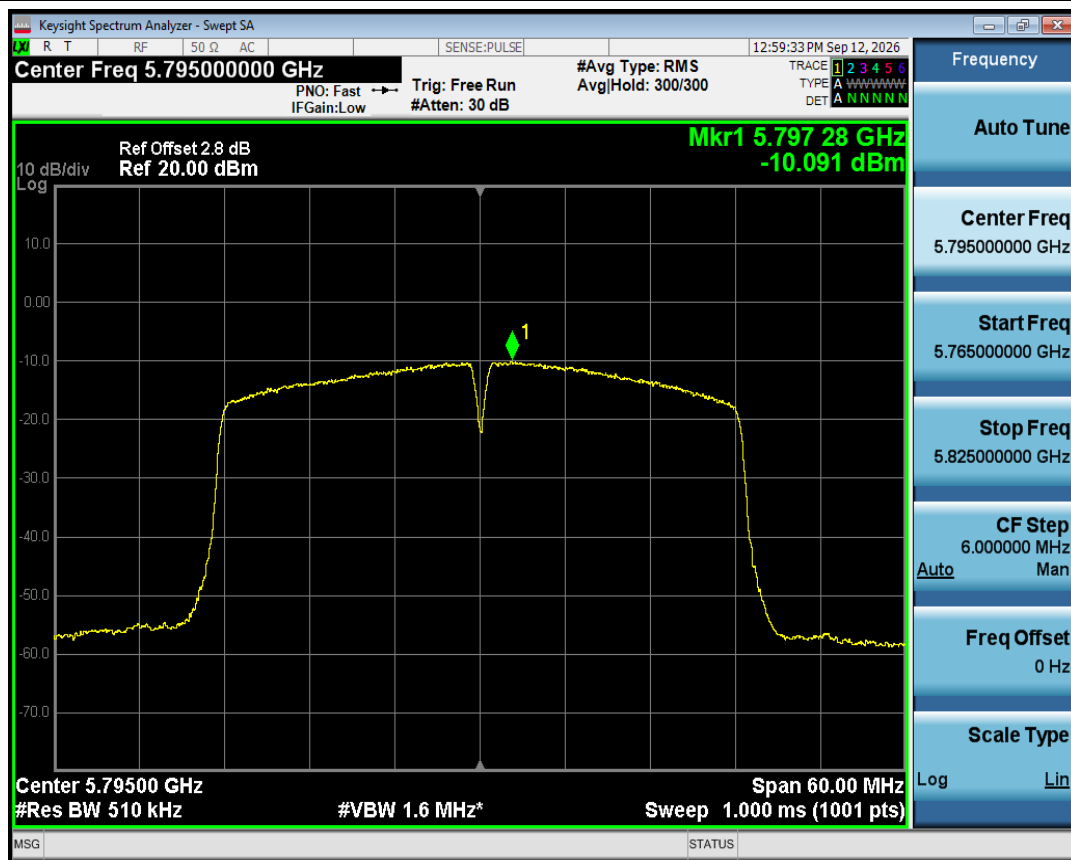
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



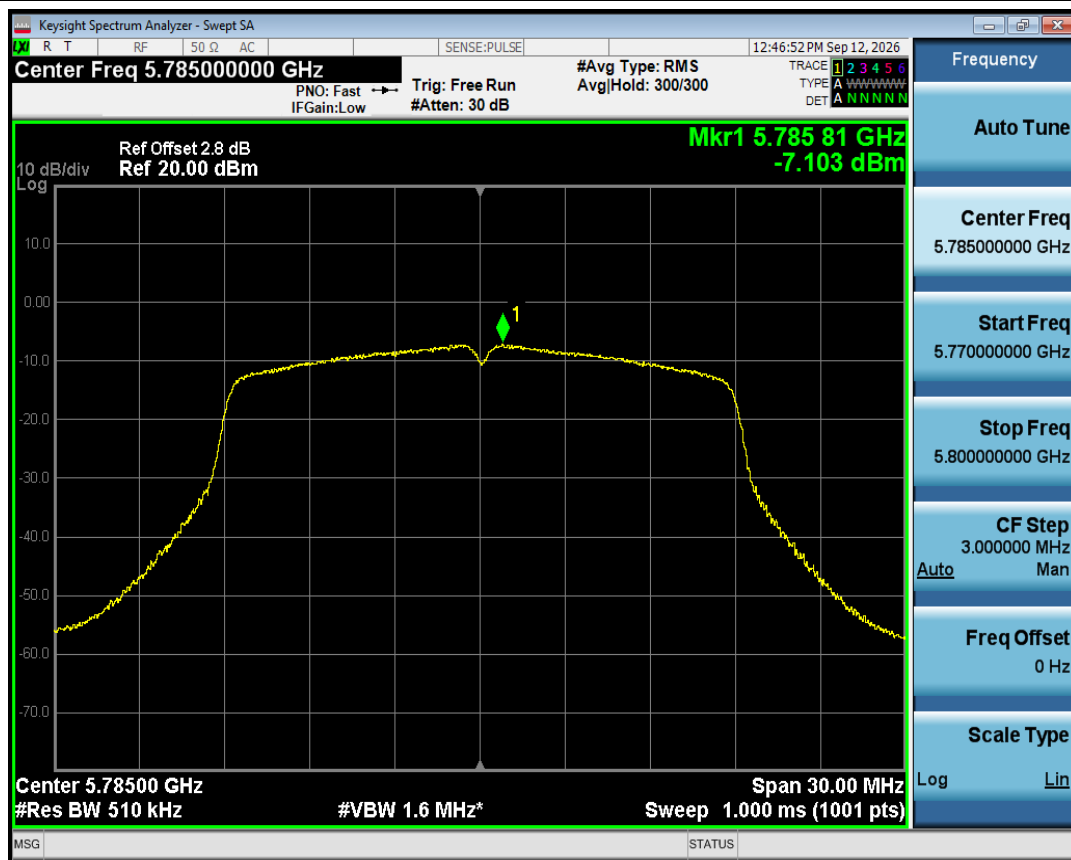
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



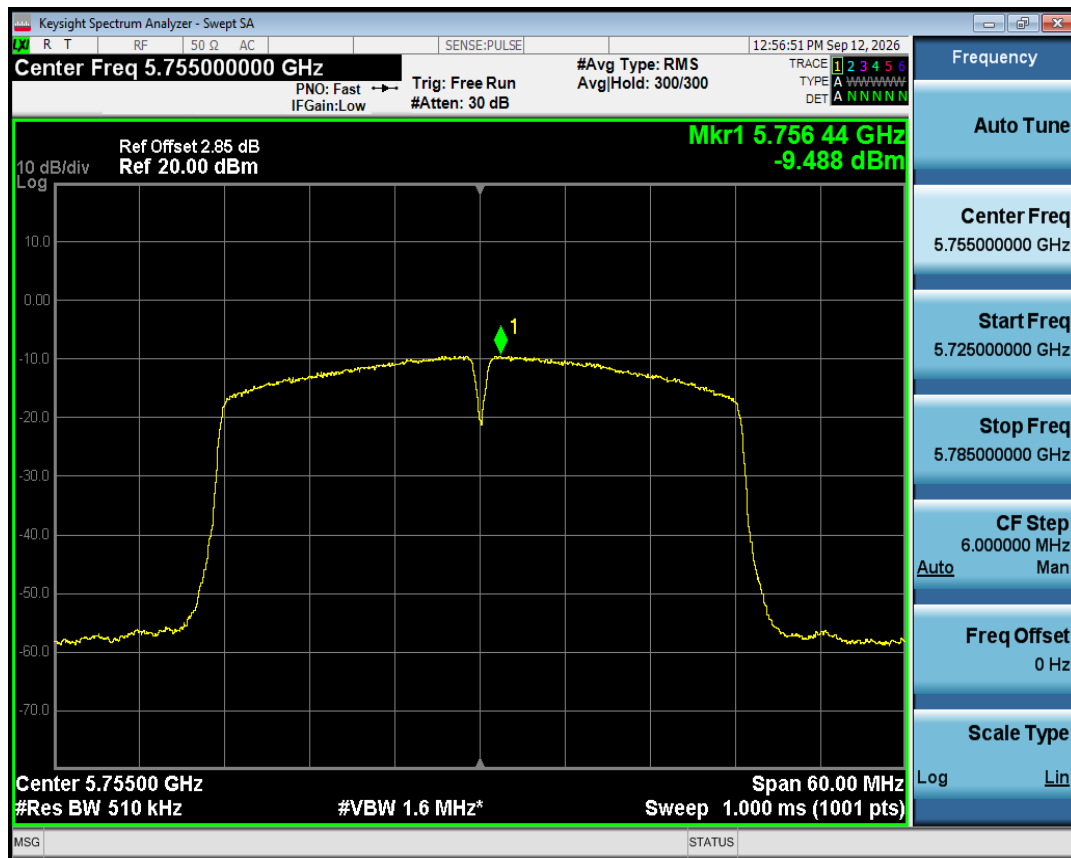
PSD NVNT ac20 5745MHz Ant1



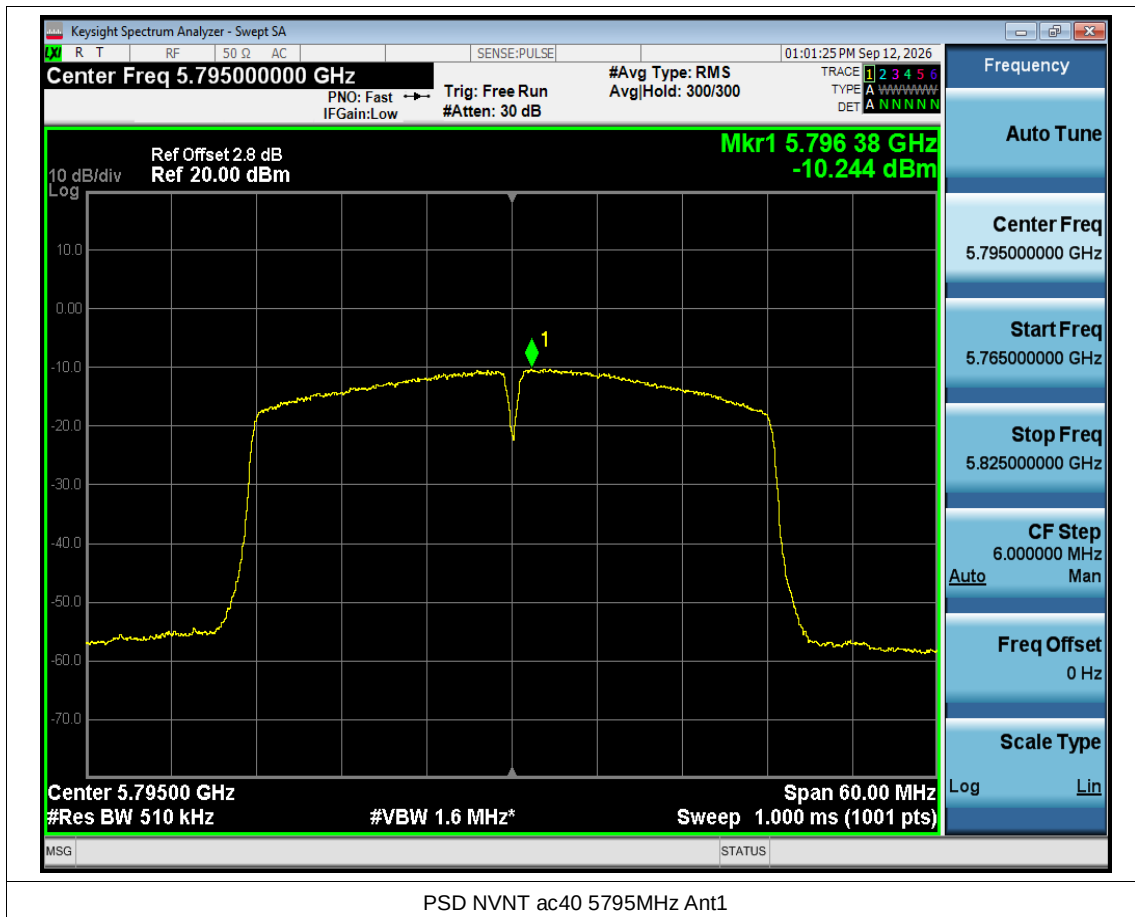
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1

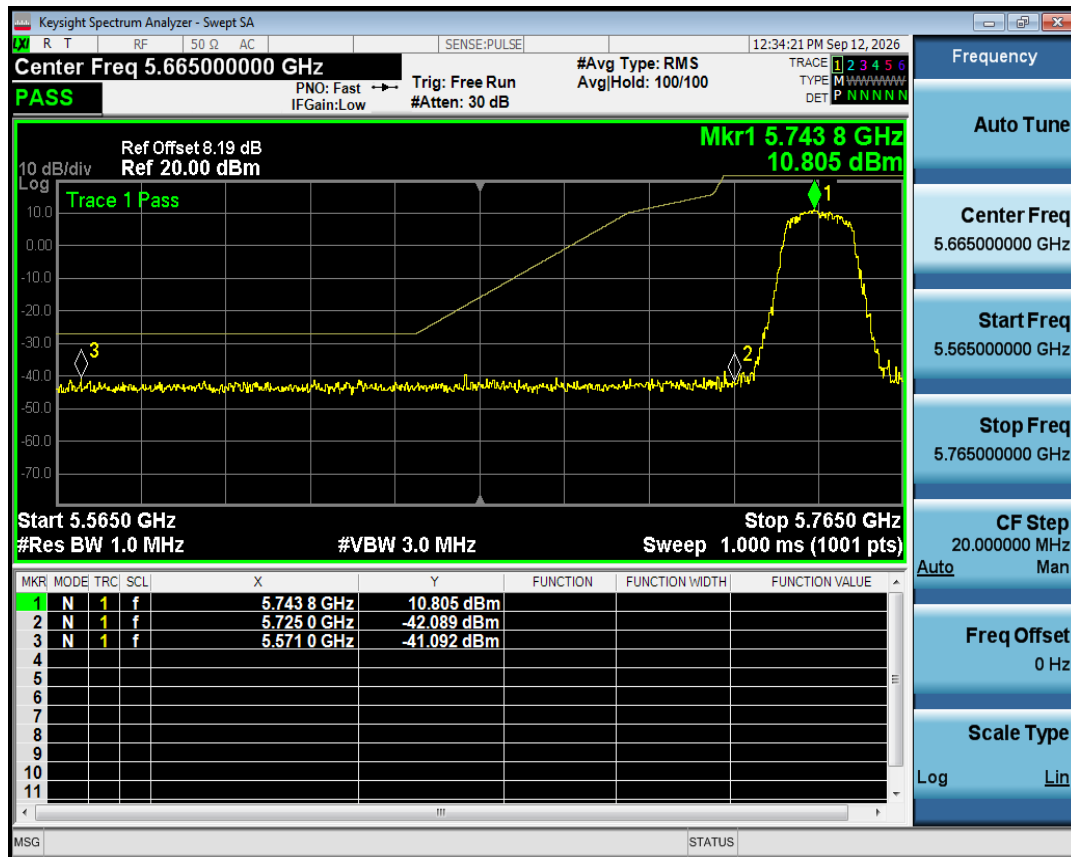


PSD NVNT ac40 5755MHz Ant1

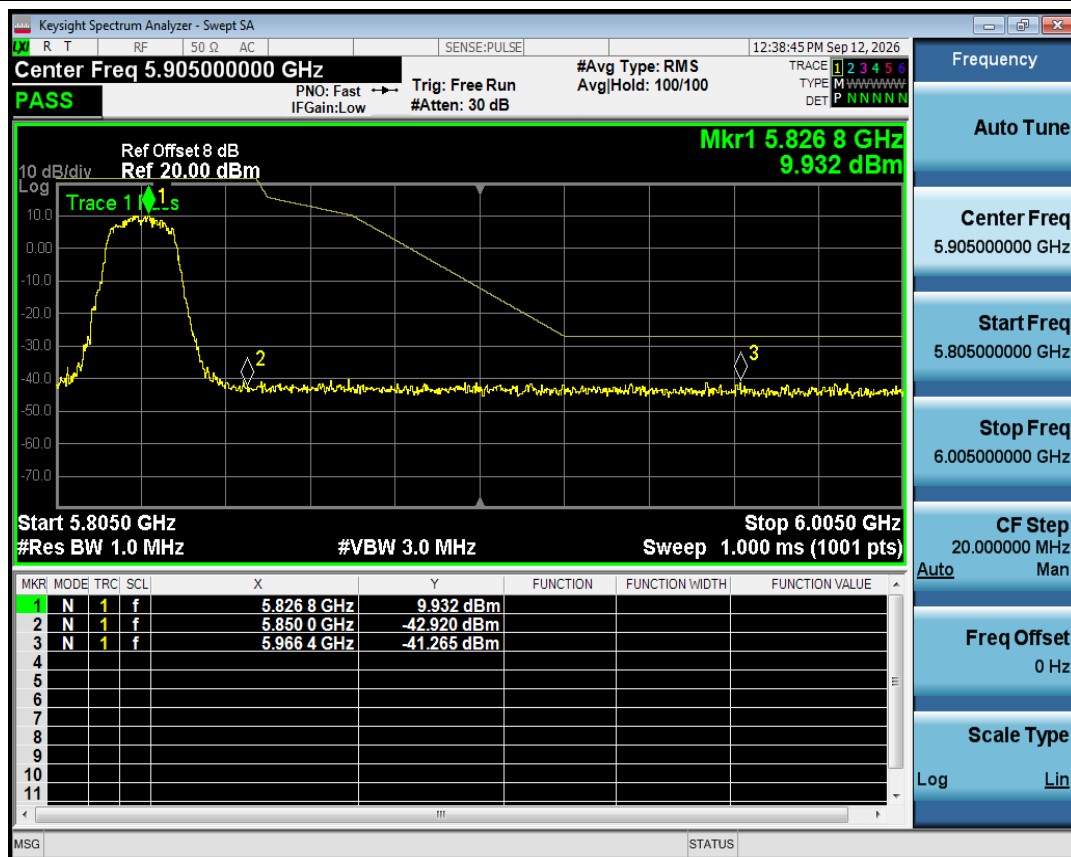


Band Edge

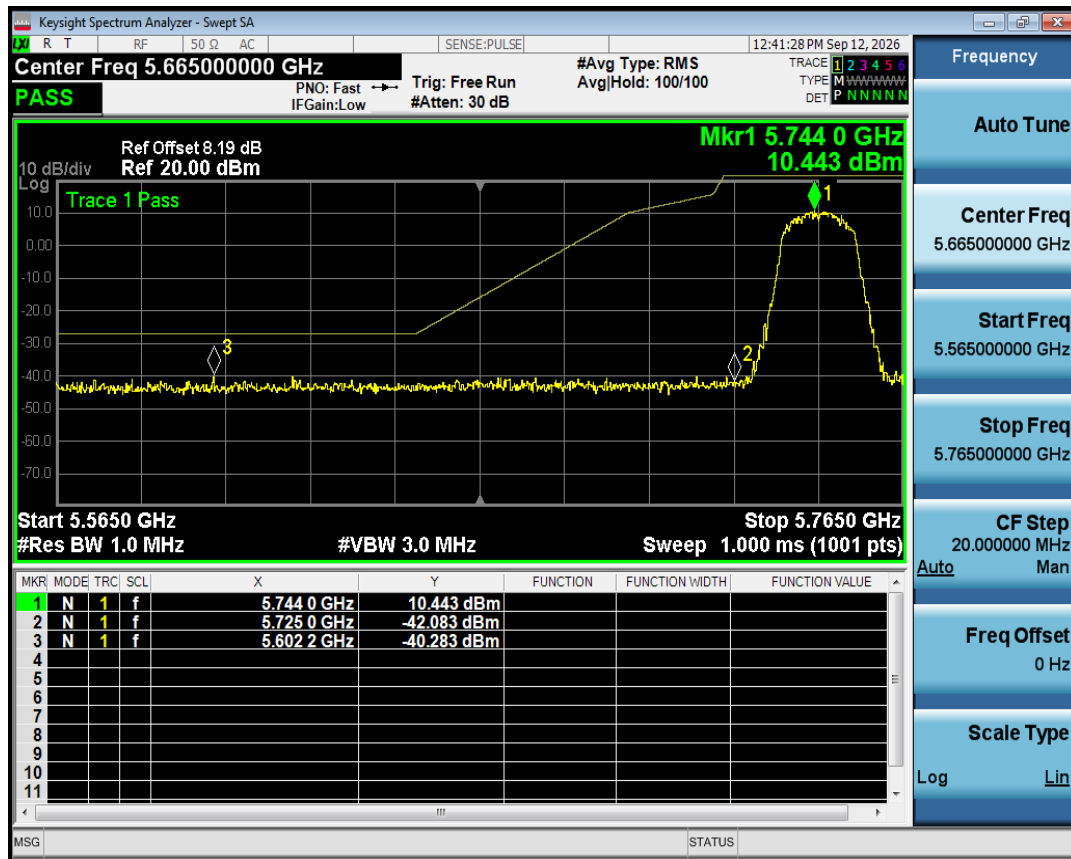
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-41.09	See test Graph	Pass
NVNT	a	5825	Ant1	-41.26	See test Graph	Pass
NVNT	n20	5745	Ant1	-40.28	See test Graph	Pass
NVNT	n20	5825	Ant1	-40.61	See test Graph	Pass
NVNT	n40	5755	Ant1	-41.22	See test Graph	Pass
NVNT	n40	5795	Ant1	-41.28	See test Graph	Pass
NVNT	ac20	5745	Ant1	-40.65	See test Graph	Pass
NVNT	ac20	5825	Ant1	-41.38	See test Graph	Pass
NVNT	ac40	5755	Ant1	-40.21	See test Graph	Pass
NVNT	ac40	5795	Ant1	-41.73	See test Graph	Pass



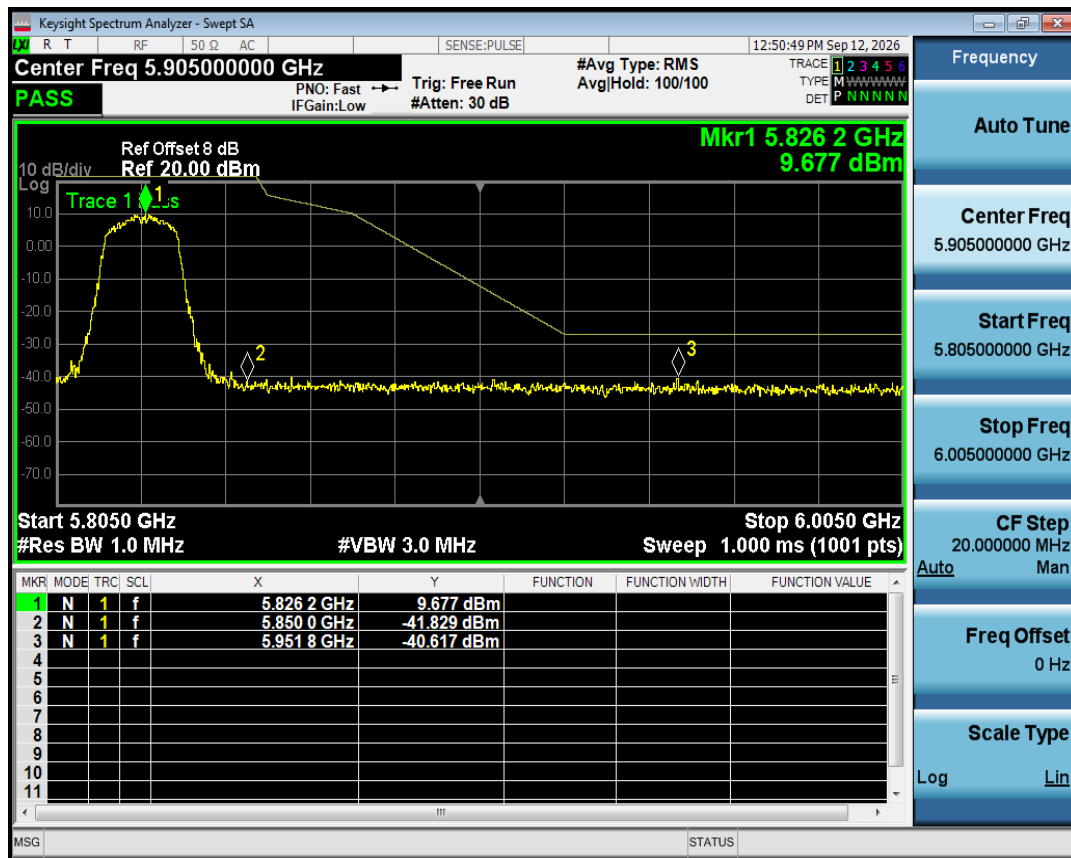
Band Edge NVNT a 5745MHz Low Ant1



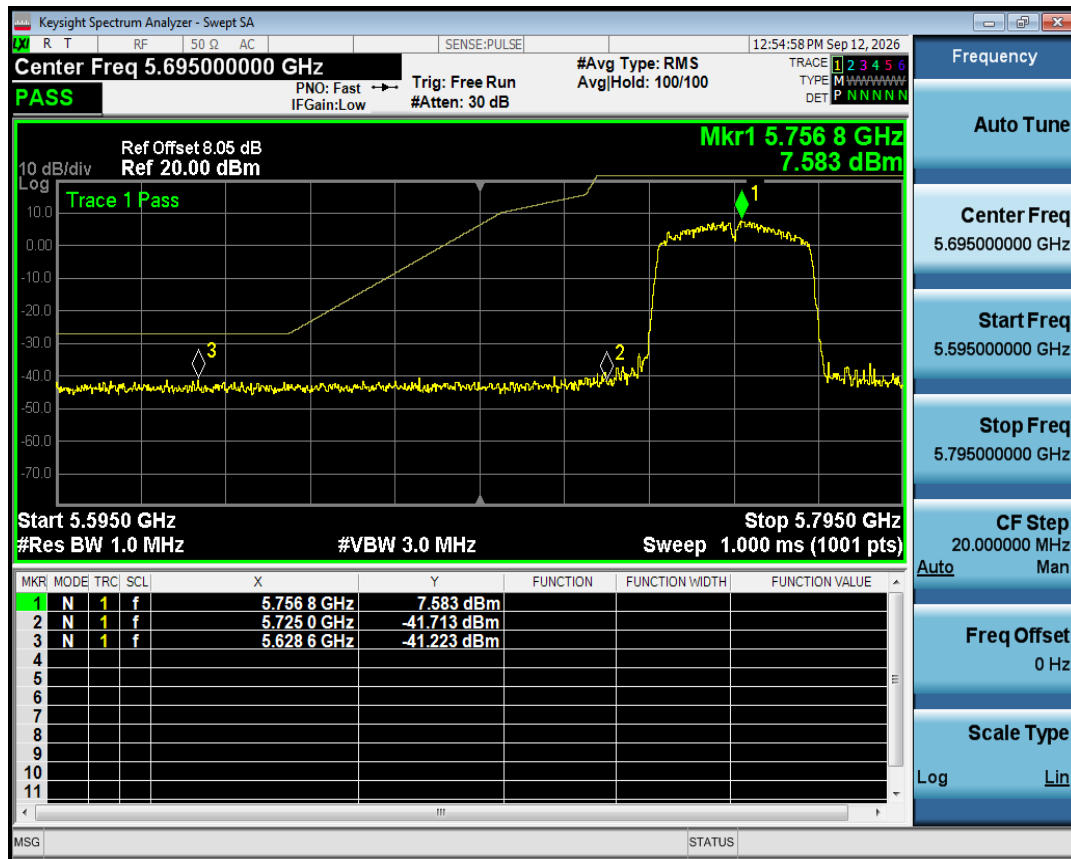
Band Edge NVNT a 5825MHz High Ant1



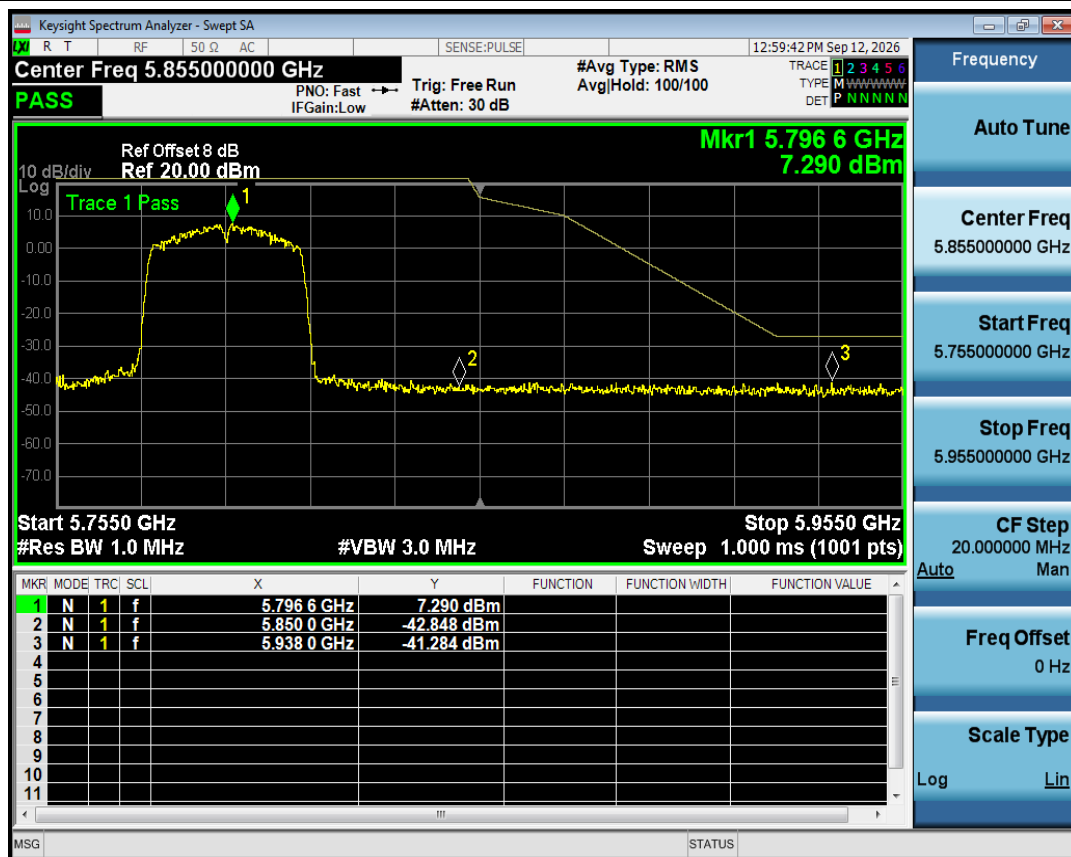
Band Edge NVNT n20 5745MHz Low Ant1



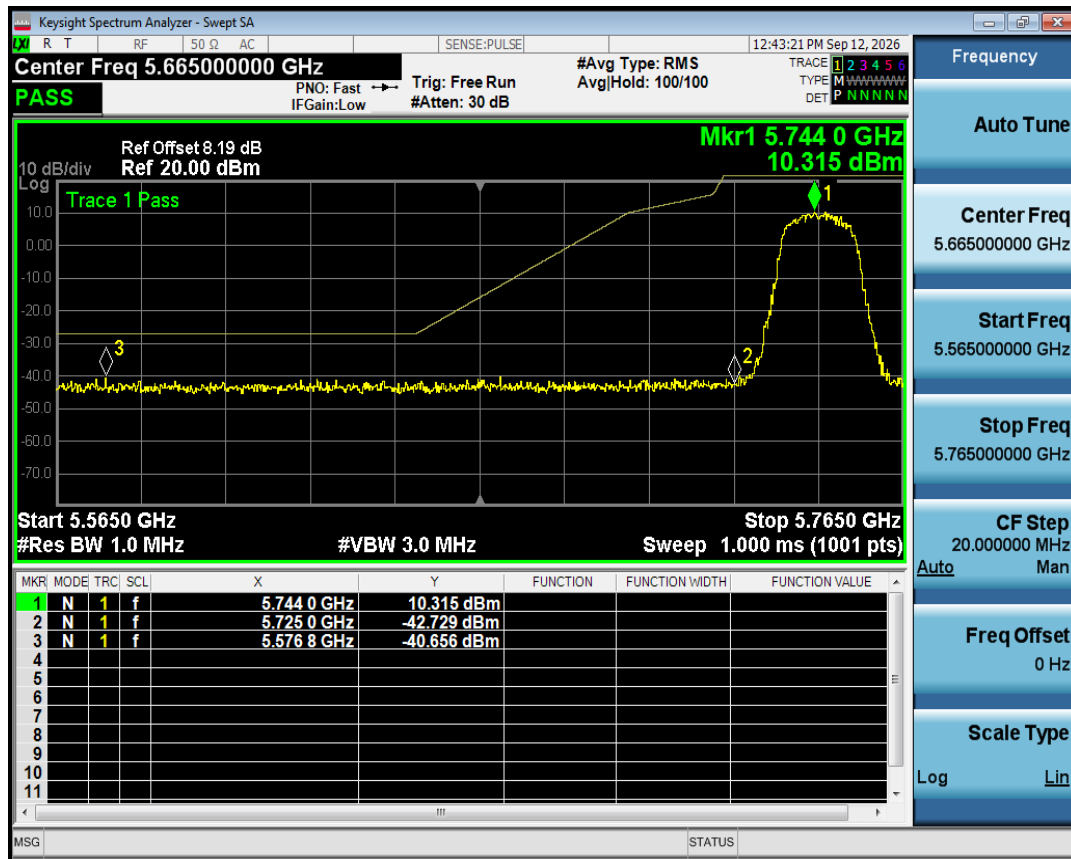
Band Edge NVNT n20 5825MHz High Ant1



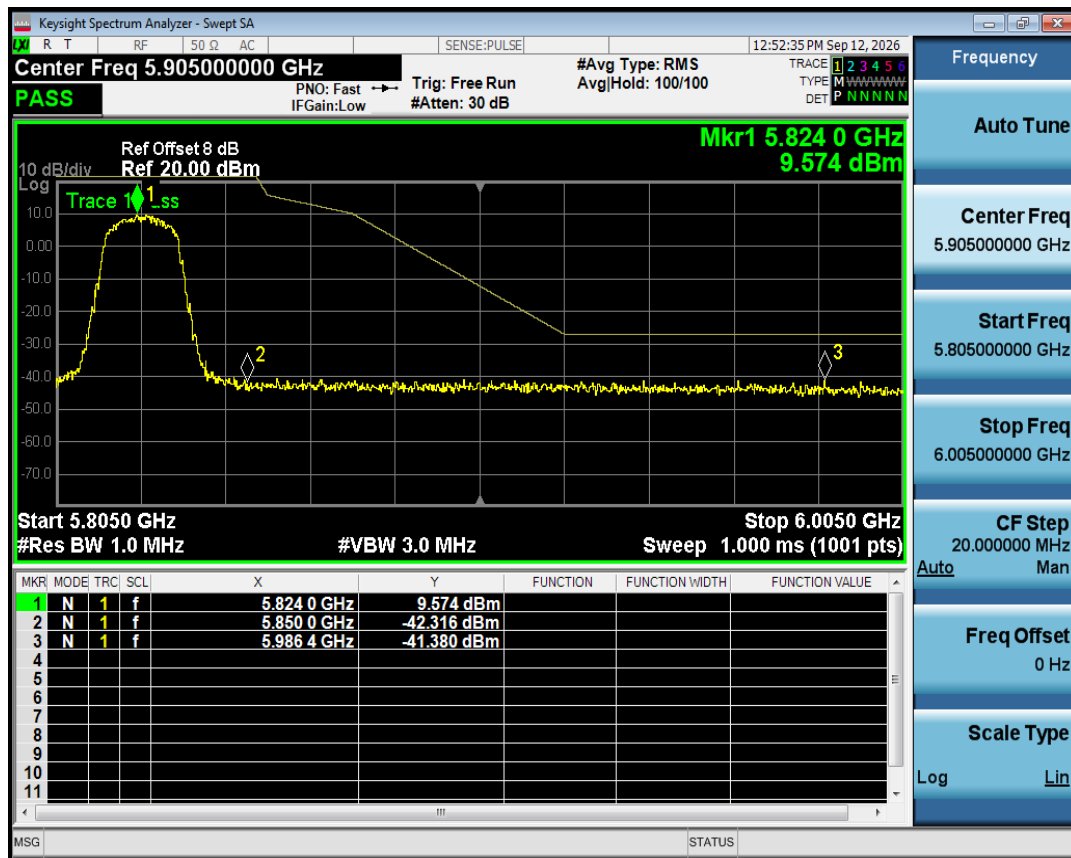
Band Edge NVNT n40 5755MHz Low Ant1



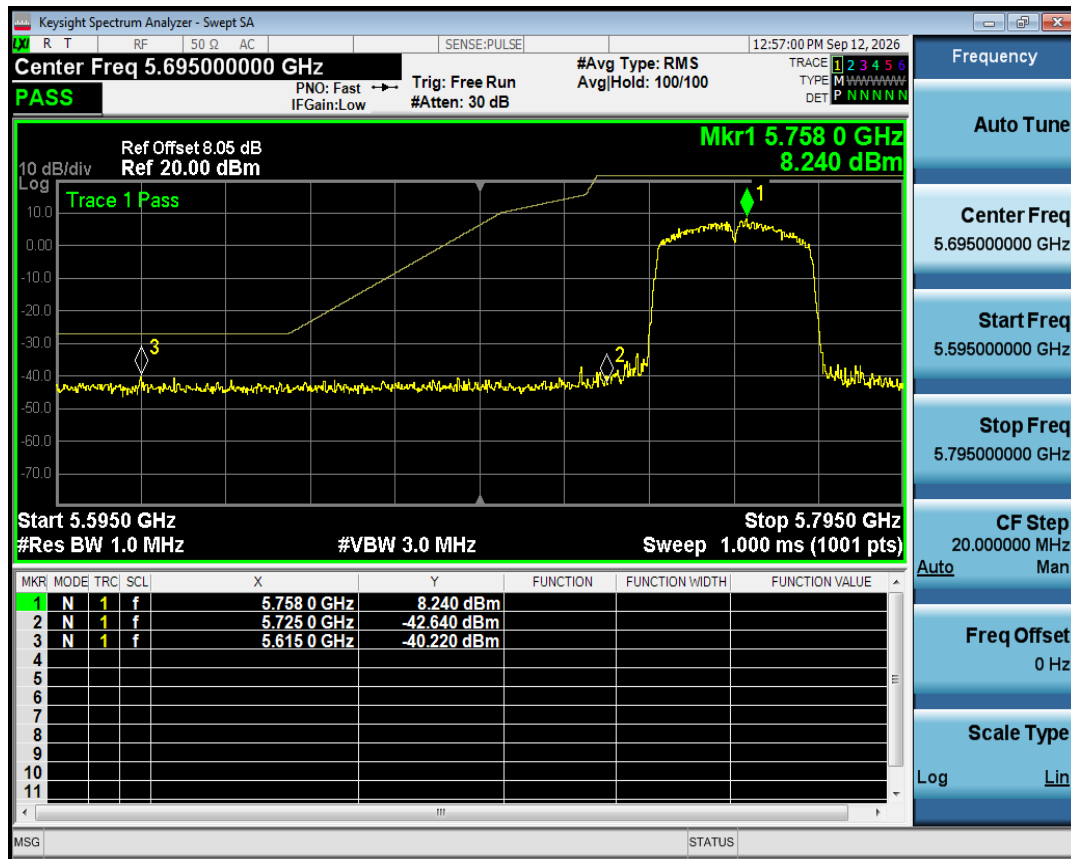
Band Edge NVNT n40 5795MHz High Ant1



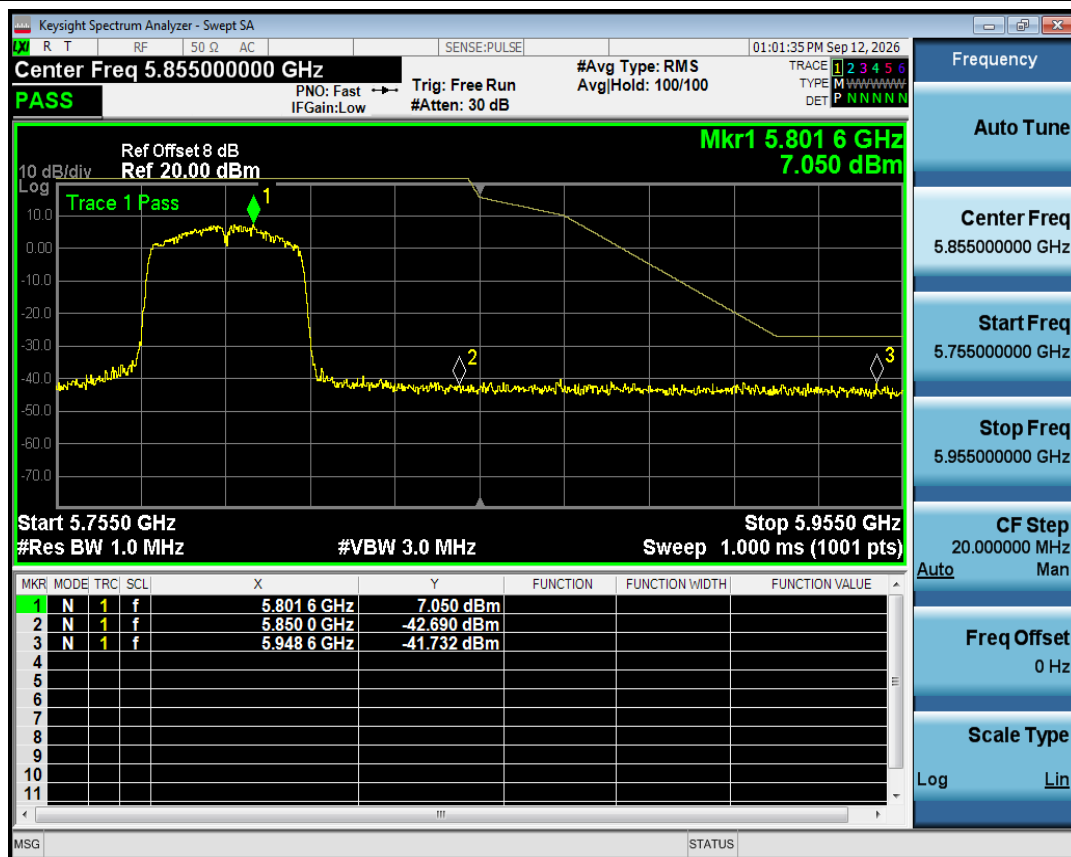
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1

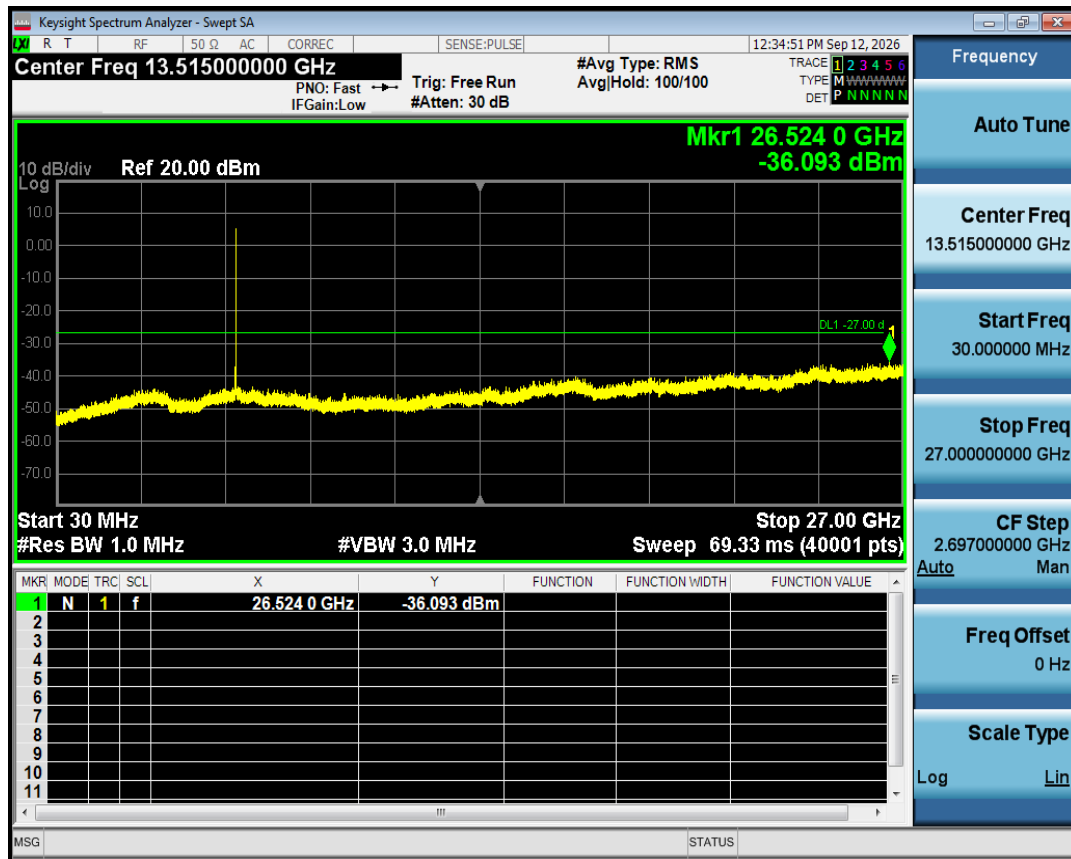


Band Edge NVNT ac40 5795MHz High Ant1

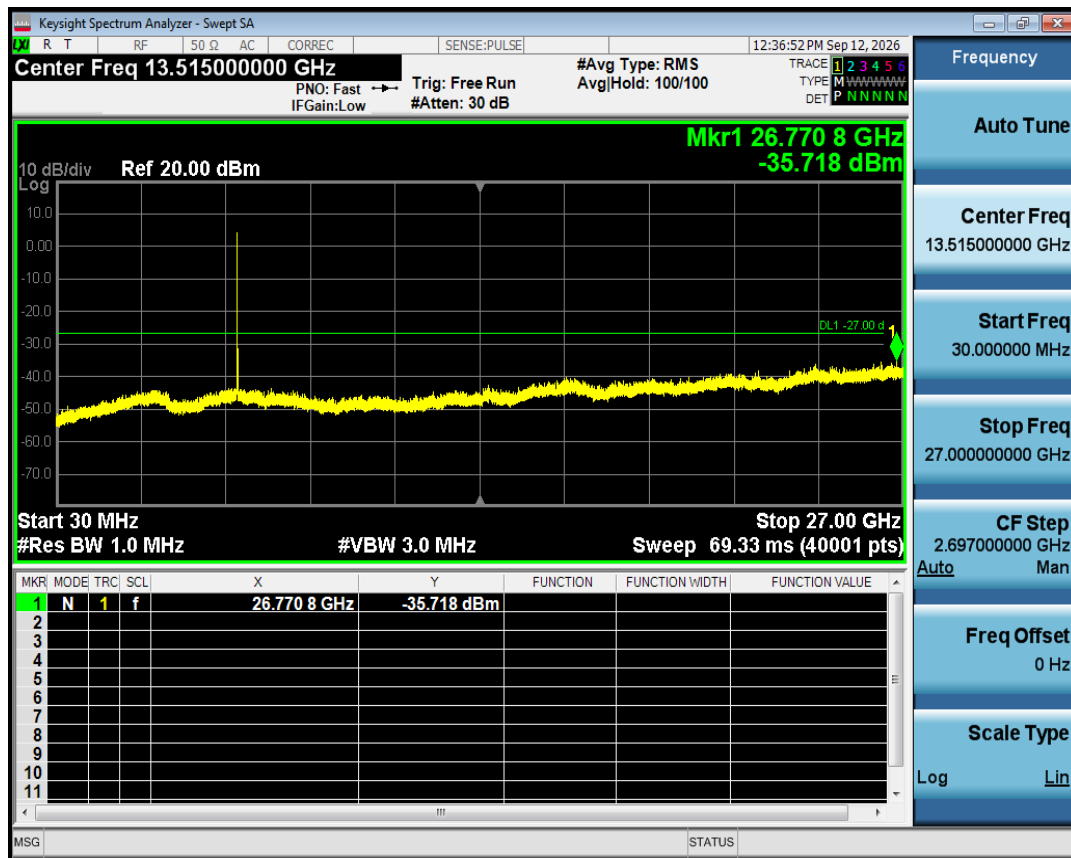
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-36.09	-27	Pass
NVNT	a	5785	Ant1	-35.71	-27	Pass
NVNT	a	5825	Ant1	-35.65	-27	Pass
NVNT	n20	5745	Ant1	-36.29	-27	Pass
NVNT	n20	5785	Ant1	-36.2	-27	Pass
NVNT	n20	5825	Ant1	-35.45	-27	Pass
NVNT	n40	5755	Ant1	-35.86	-27	Pass
NVNT	n40	5795	Ant1	-36.26	-27	Pass
NVNT	ac20	5745	Ant1	-35.82	-27	Pass
NVNT	ac20	5785	Ant1	-35.51	-27	Pass
NVNT	ac20	5825	Ant1	-36.43	-27	Pass
NVNT	ac40	5755	Ant1	-35.62	-27	Pass
NVNT	ac40	5795	Ant1	-35.89	-27	Pass

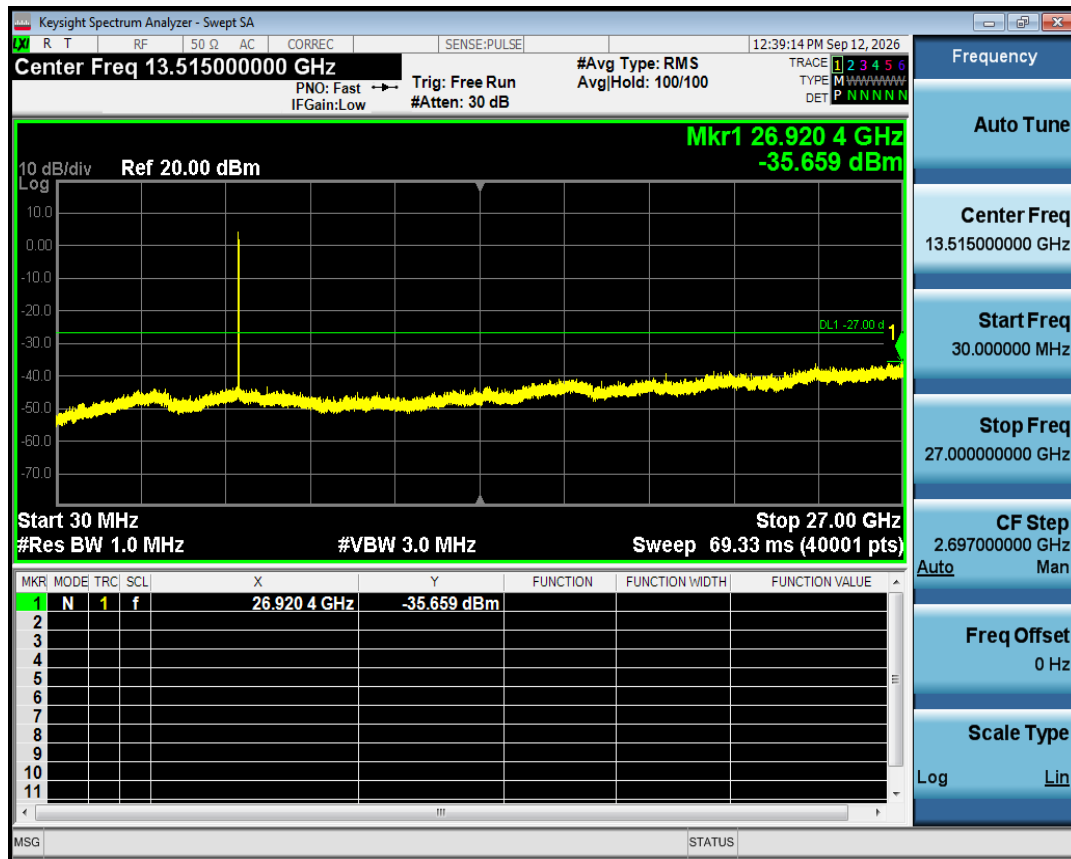
Note: During testing, the spectrum analyzer's Input Correction function was enabled to compensate for the test cable loss between the EUT and the measurement equipment.



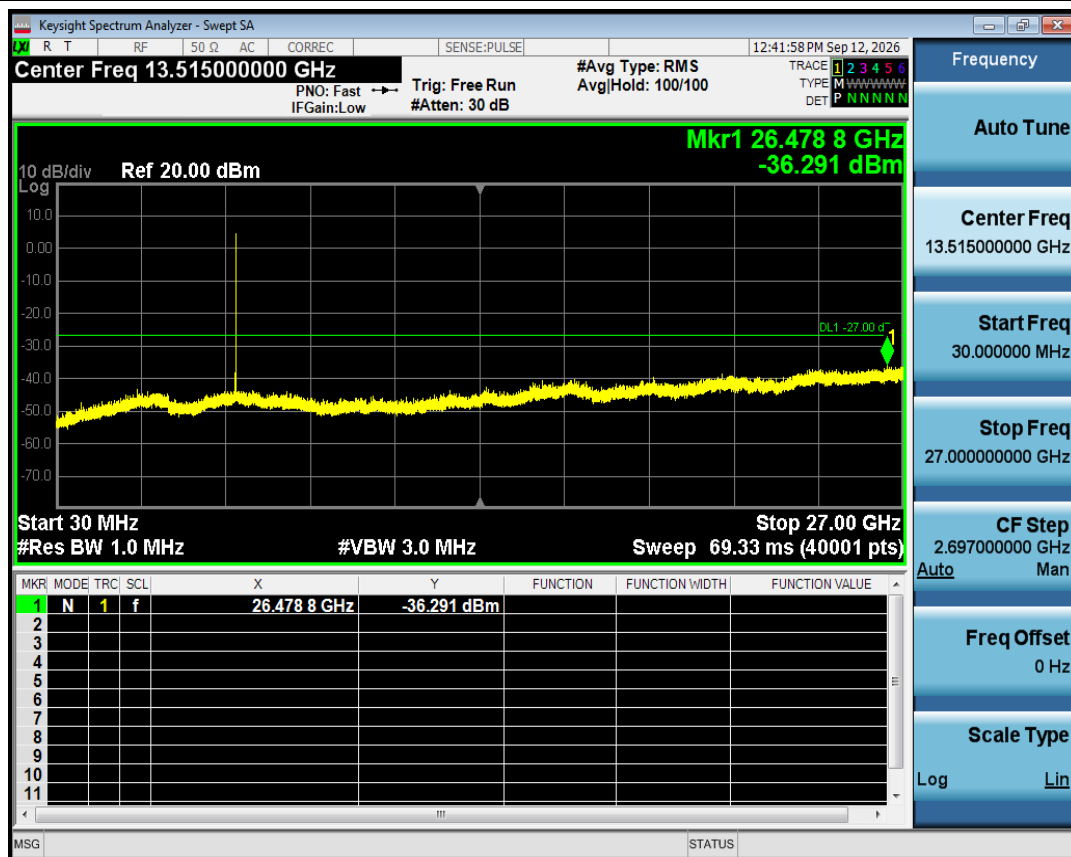
Tx. Spurious NVNT a 5745MHz Ant1 Emission



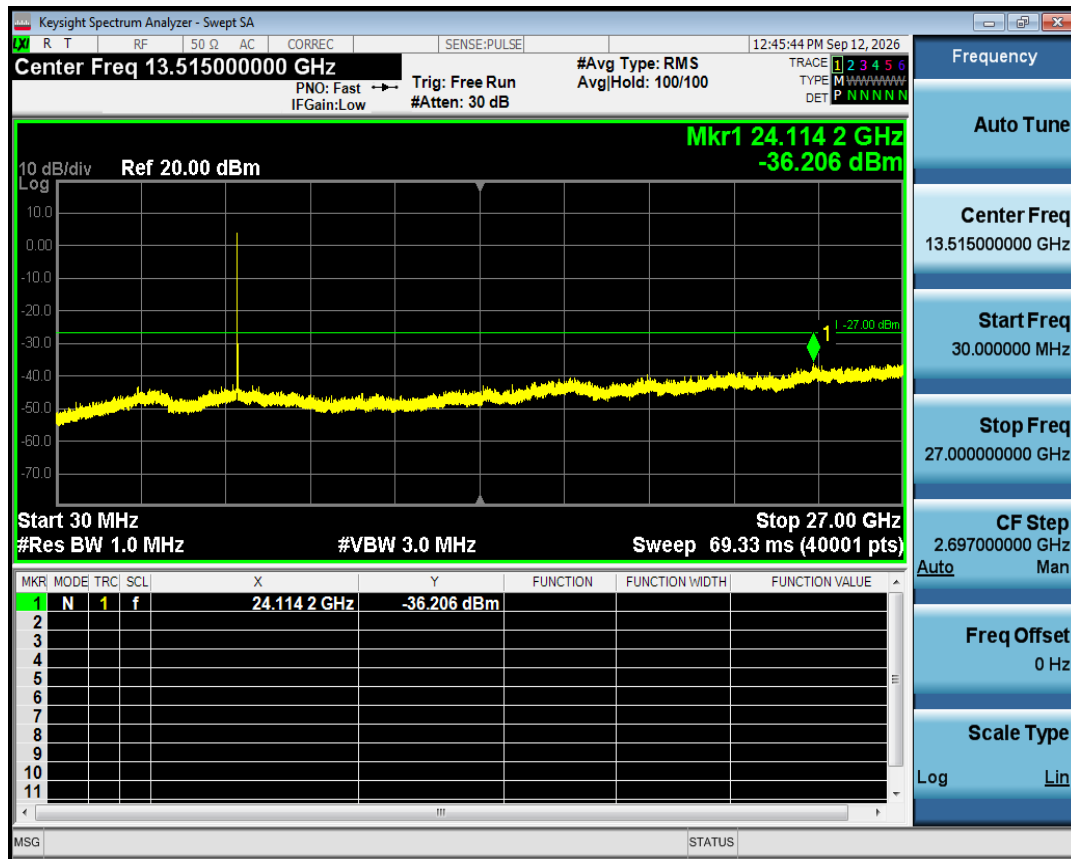
Tx. Spurious NVNT a 5785MHz Ant1 Emission



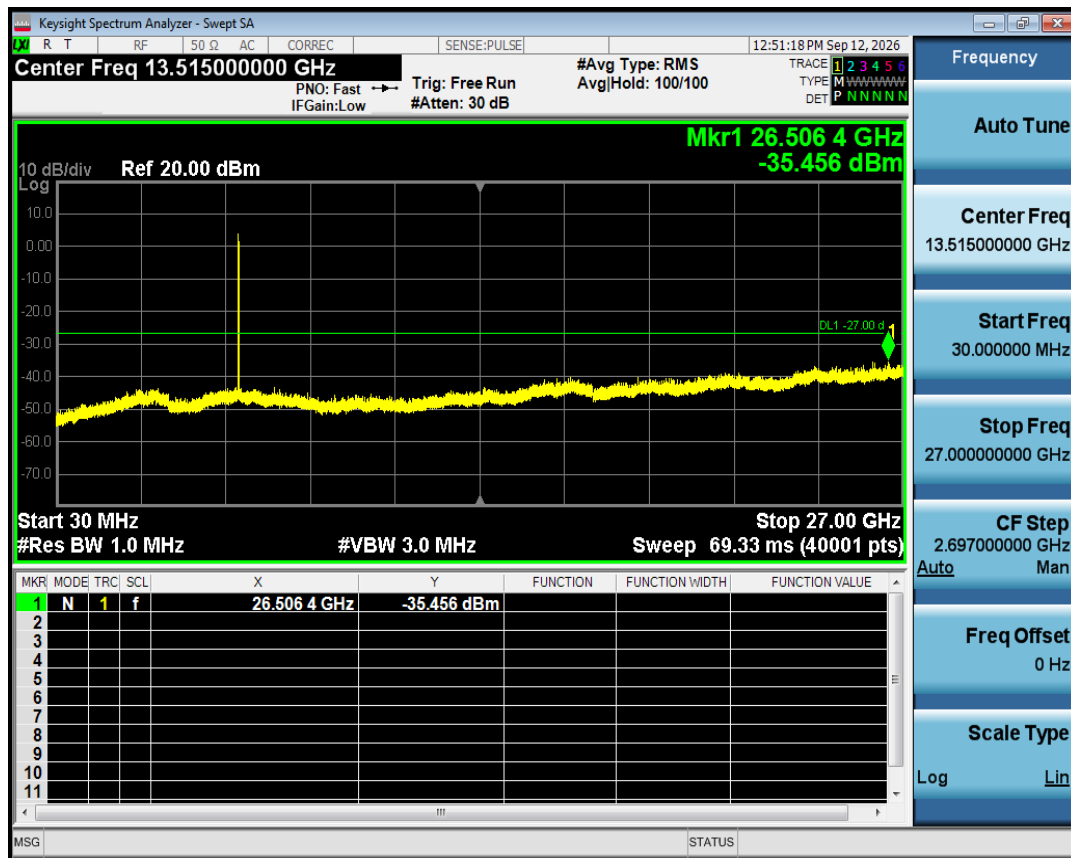
Tx. Spurious NVNT a 5825MHz Ant1 Emission



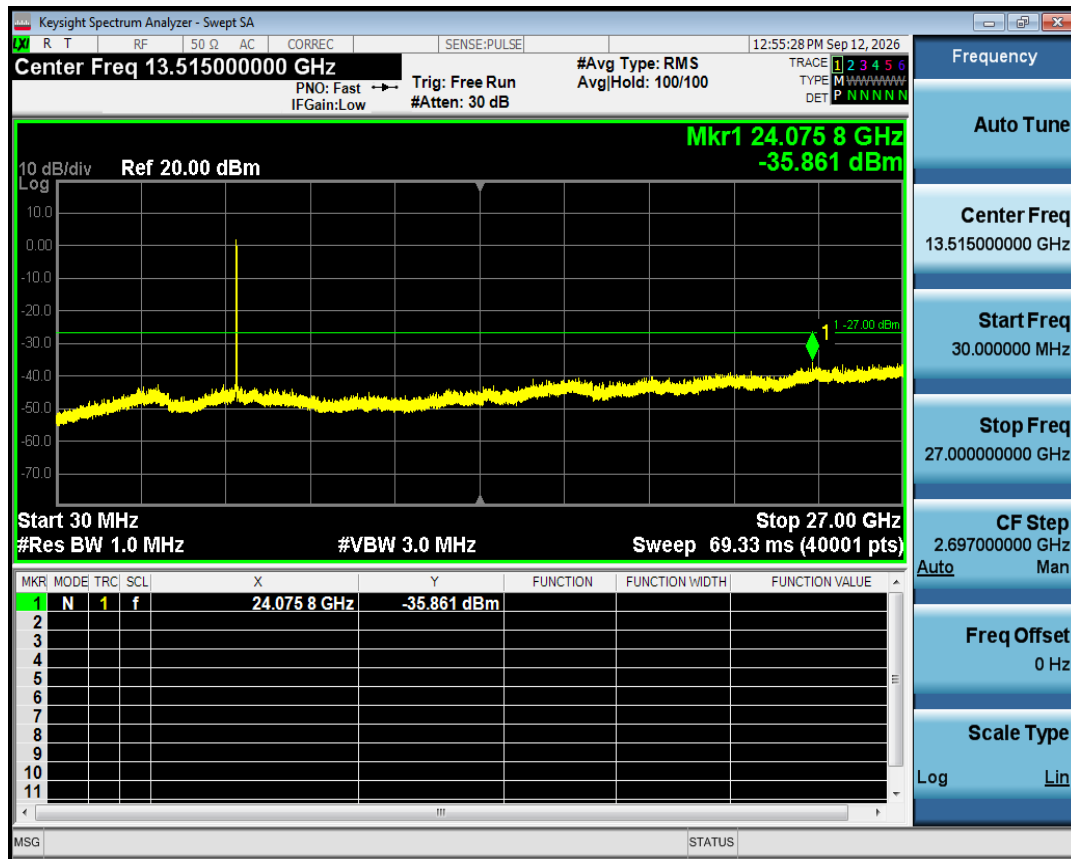
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



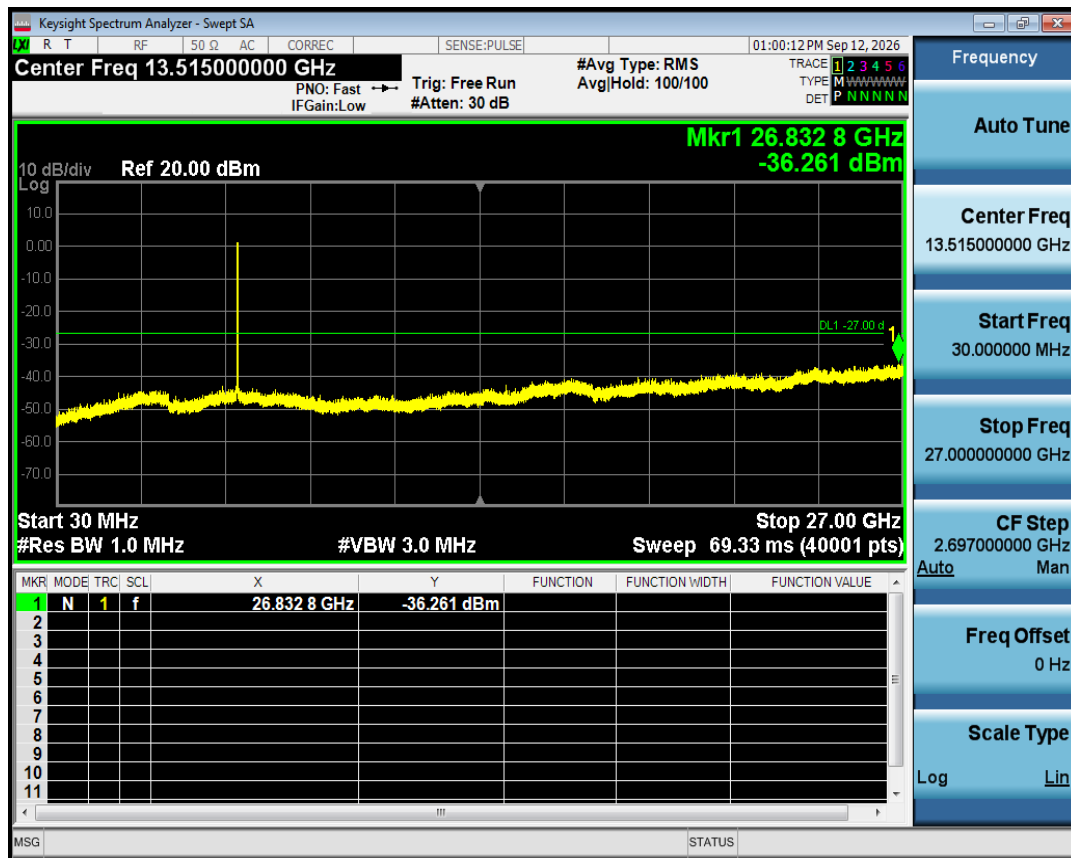
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



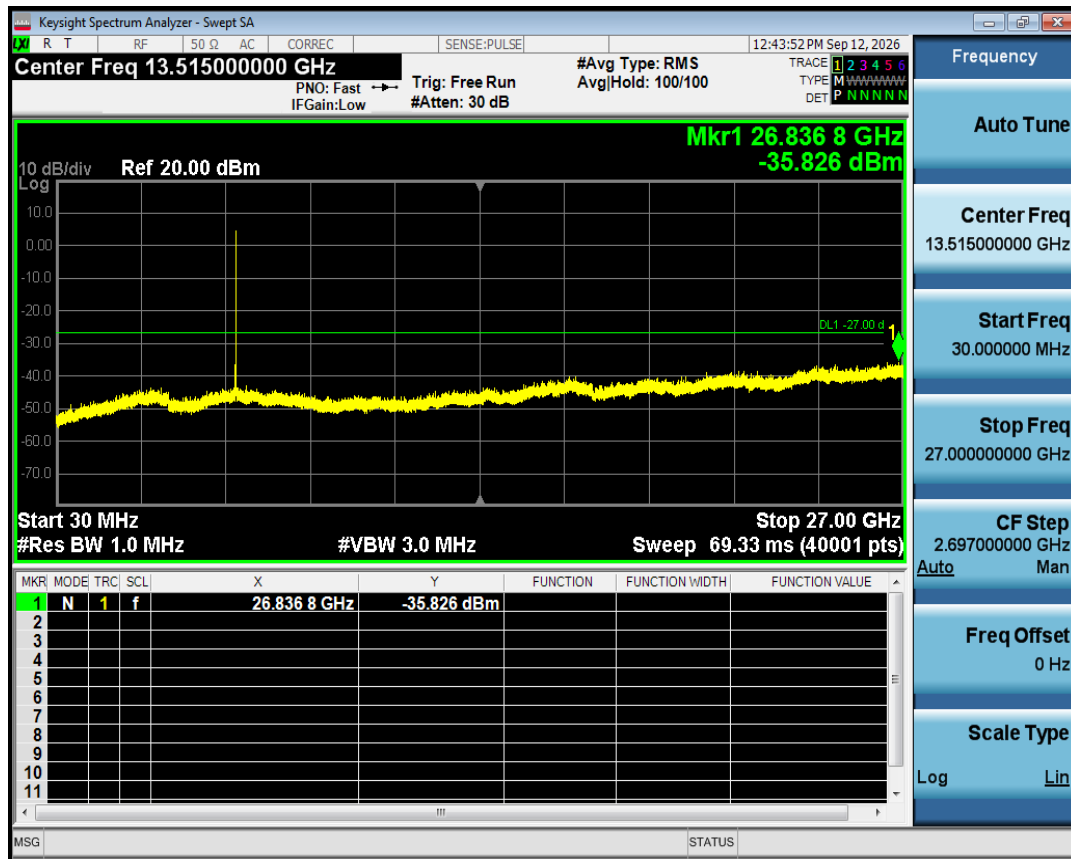
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



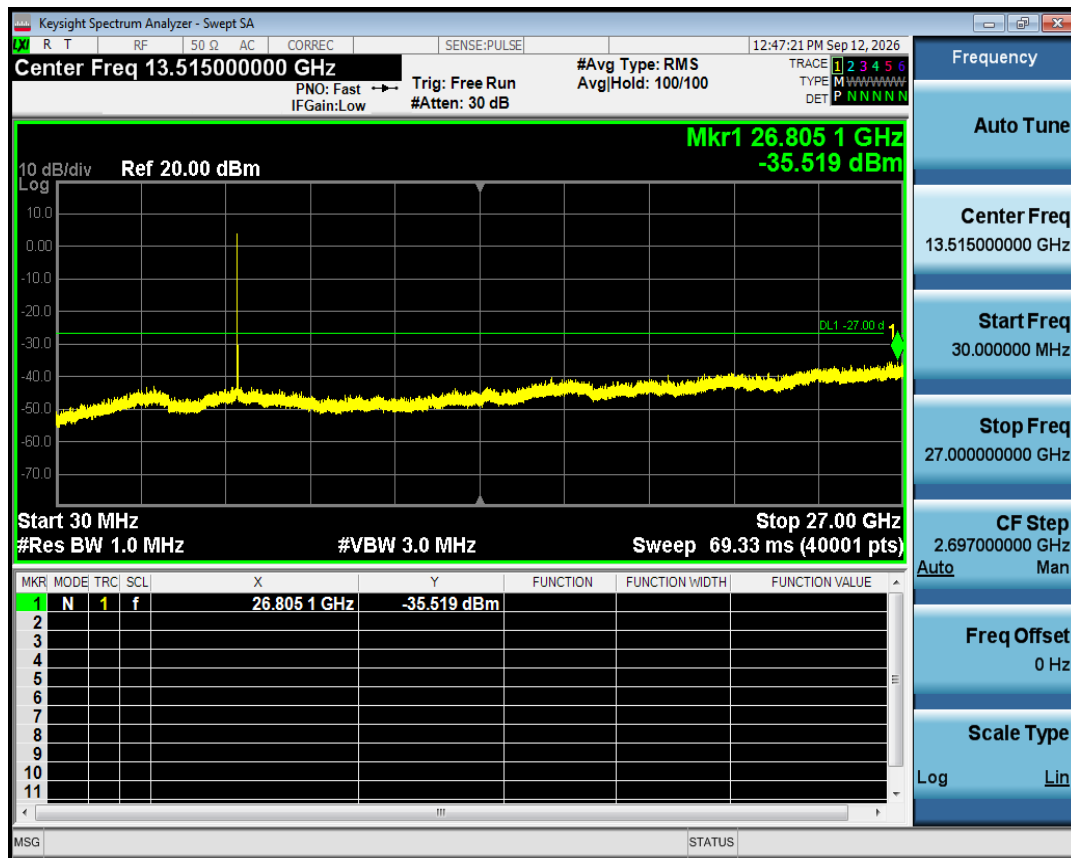
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



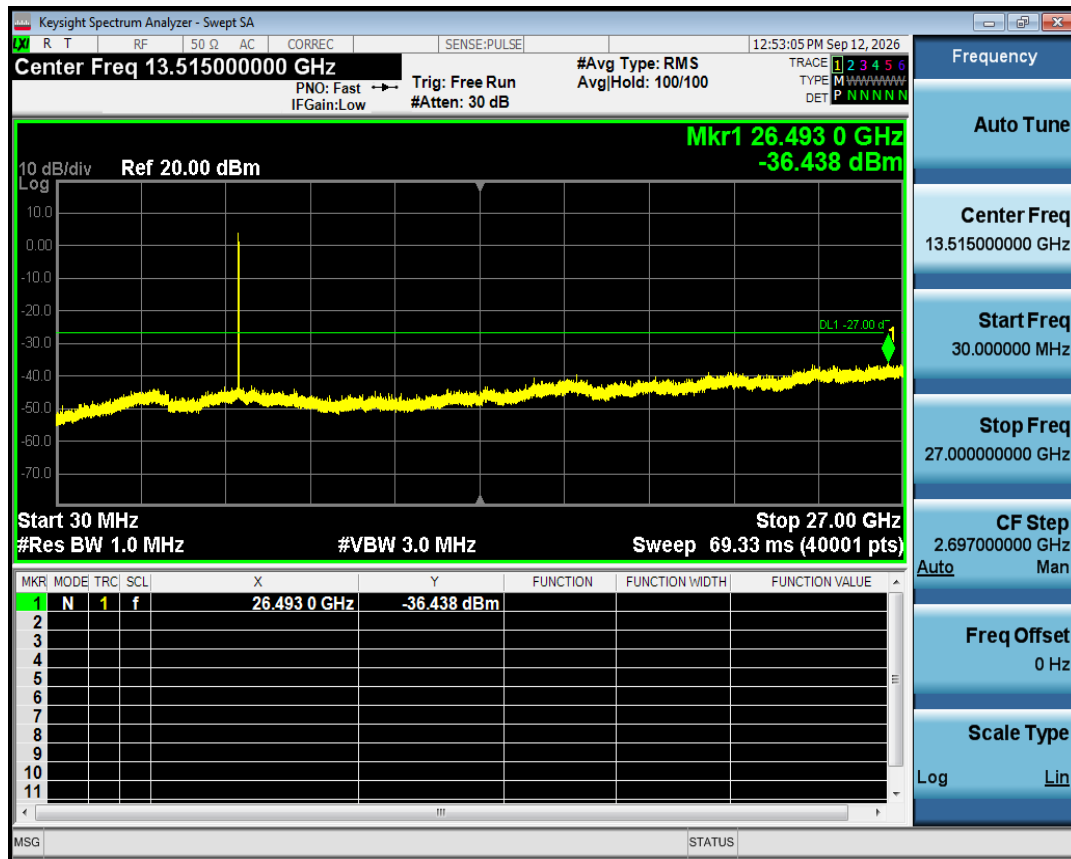
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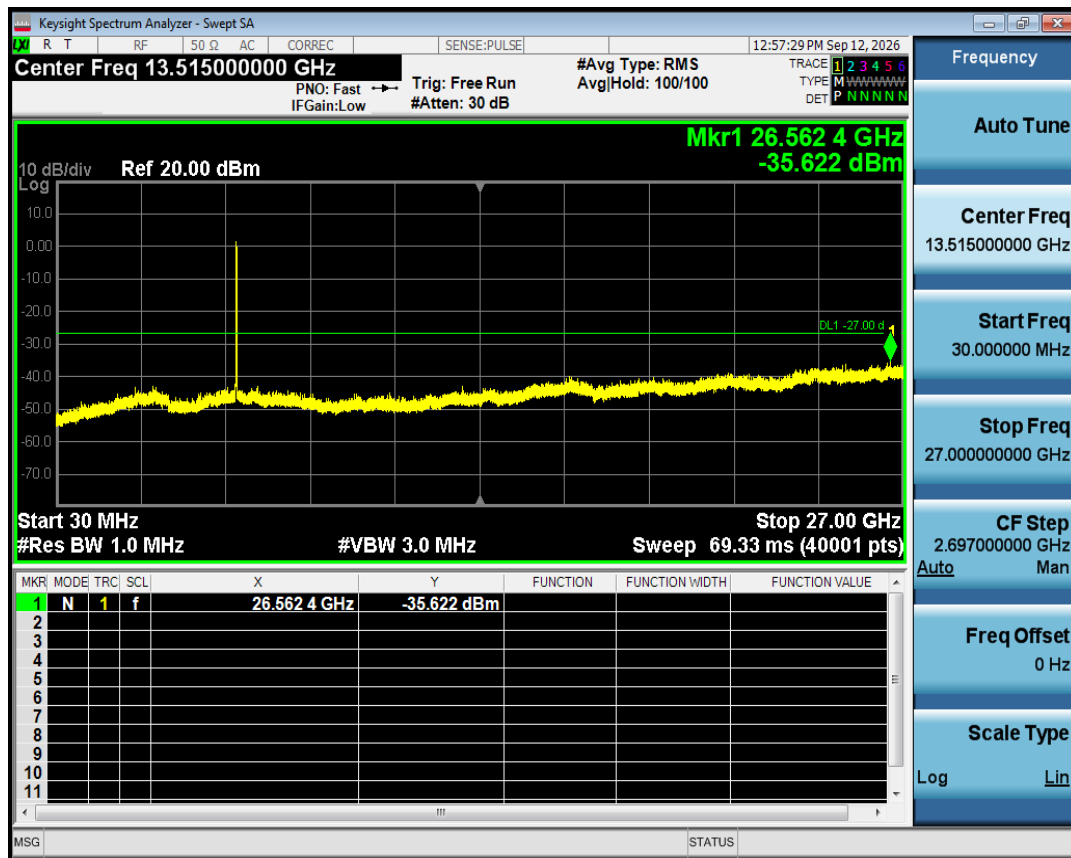
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission

