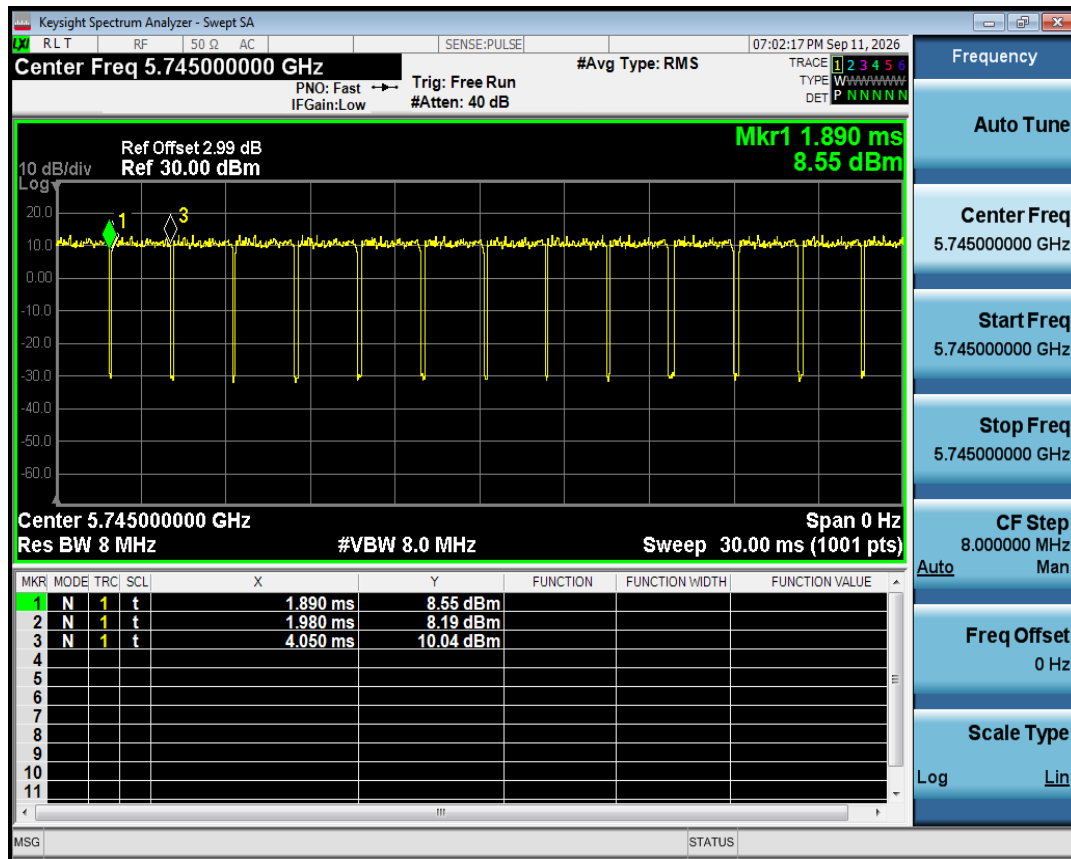


RF Test Data

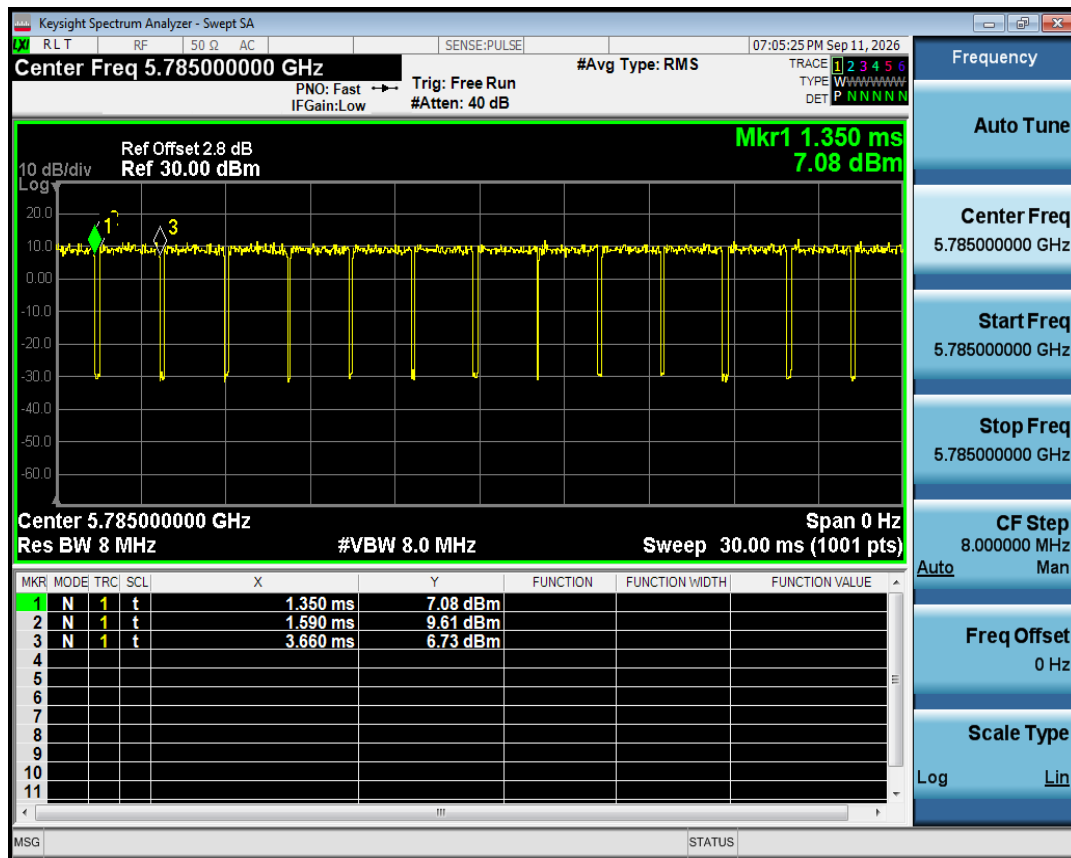
Duty Cycle	2
Maximum Conducted Output Power	10
-6dB Bandwidth	11
Occupied Channel Bandwidth	19
Maximum Power Spectral Density Level.....	27
Band Edge.....	35
Conducted RF Spurious Emission	41

Duty Cycle

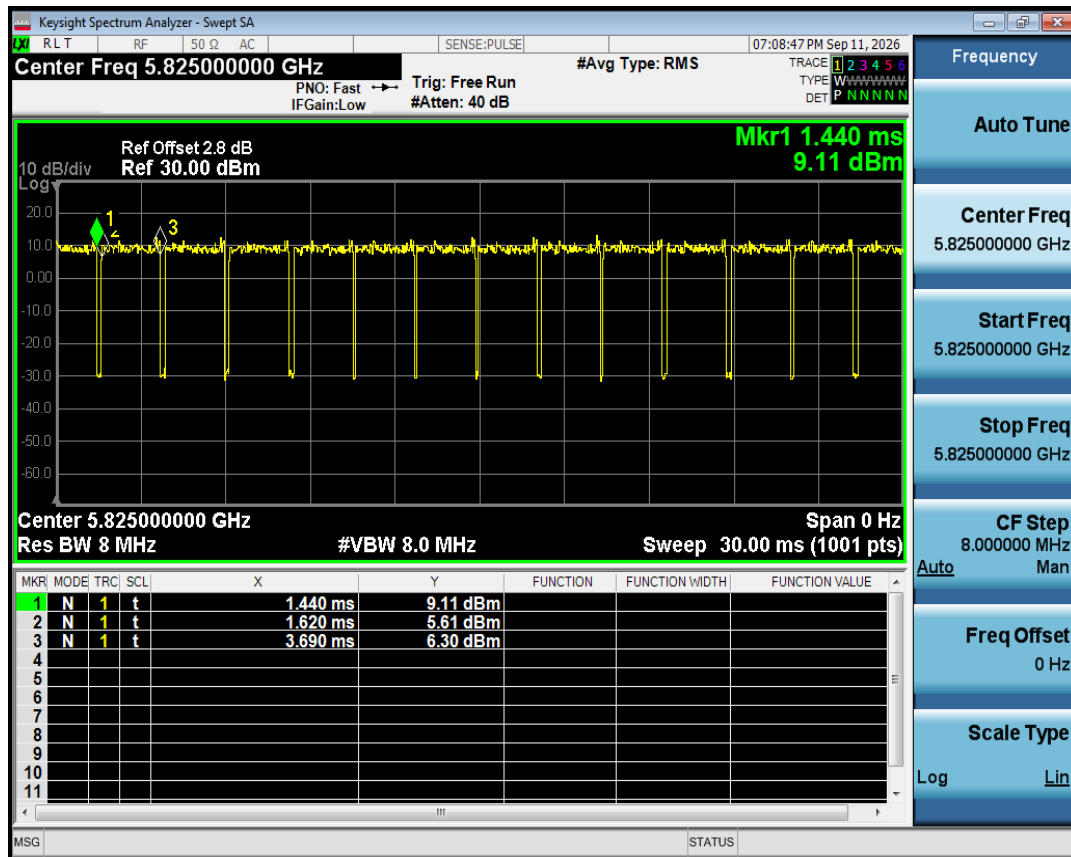
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	95.83	0.18	0.48
NVNT	a	5785	Ant1	89.61	0.48	0.48
NVNT	a	5825	Ant1	92	0.36	0.48
NVNT	n20	5745	Ant1	92.75	0.33	0.52
NVNT	n20	5785	Ant1	95.52	0.2	0.52
NVNT	n20	5825	Ant1	91.43	0.39	0.52
NVNT	n40	5755	Ant1	83.78	0.77	1.08
NVNT	n40	5795	Ant1	88.89	0.51	1.04
NVNT	ac20	5745	Ant1	91.43	0.39	0.52
NVNT	ac20	5785	Ant1	90.14	0.45	0.52
NVNT	ac20	5825	Ant1	90.14	0.45	0.52
NVNT	ac40	5755	Ant1	84.21	0.75	1.04
NVNT	ac40	5795	Ant1	86.49	0.63	1.04



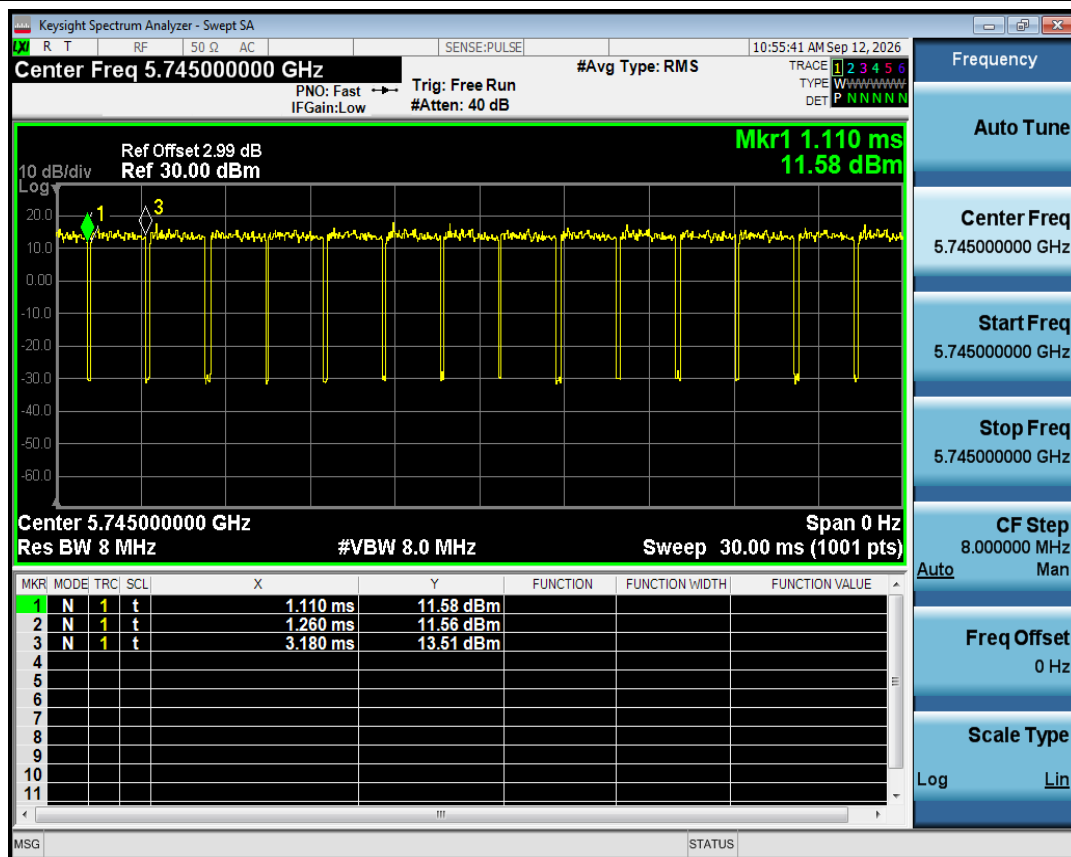
Duty Cycle NVNT a 5745MHz Ant1



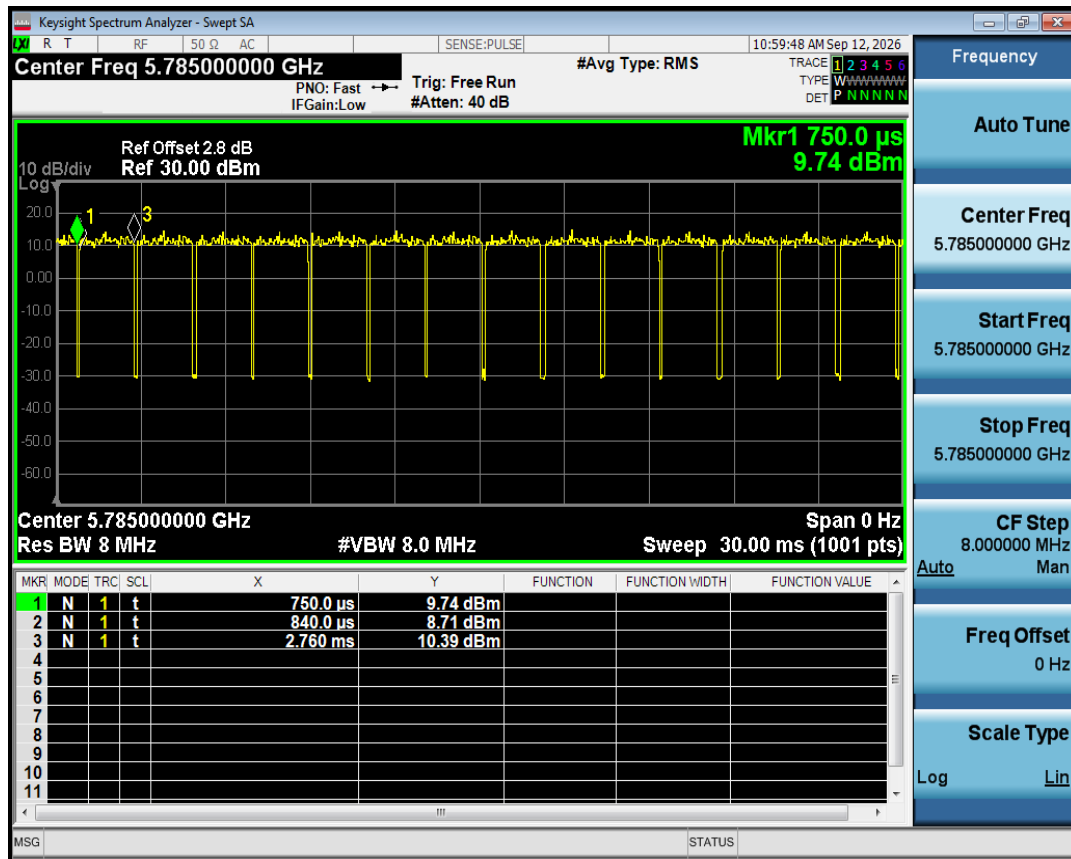
Duty Cycle NVNT a 5785MHz Ant1



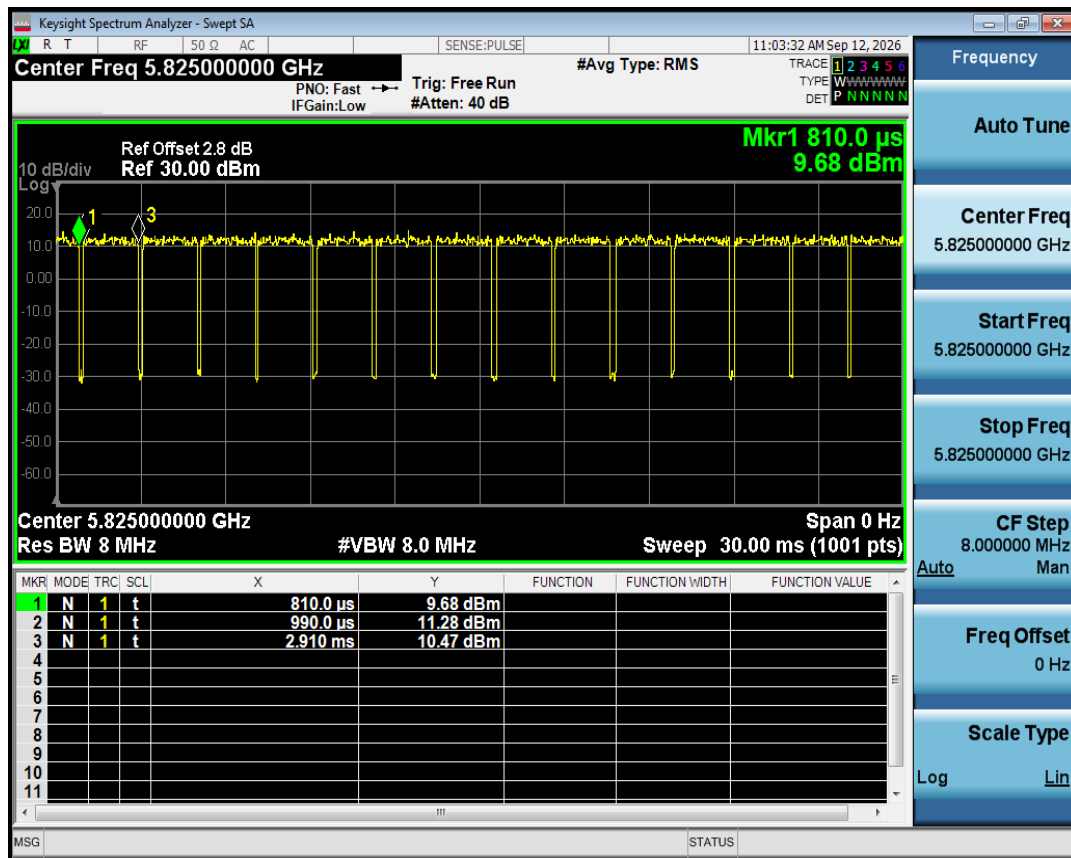
Duty Cycle NVNT a 5825MHz Ant1



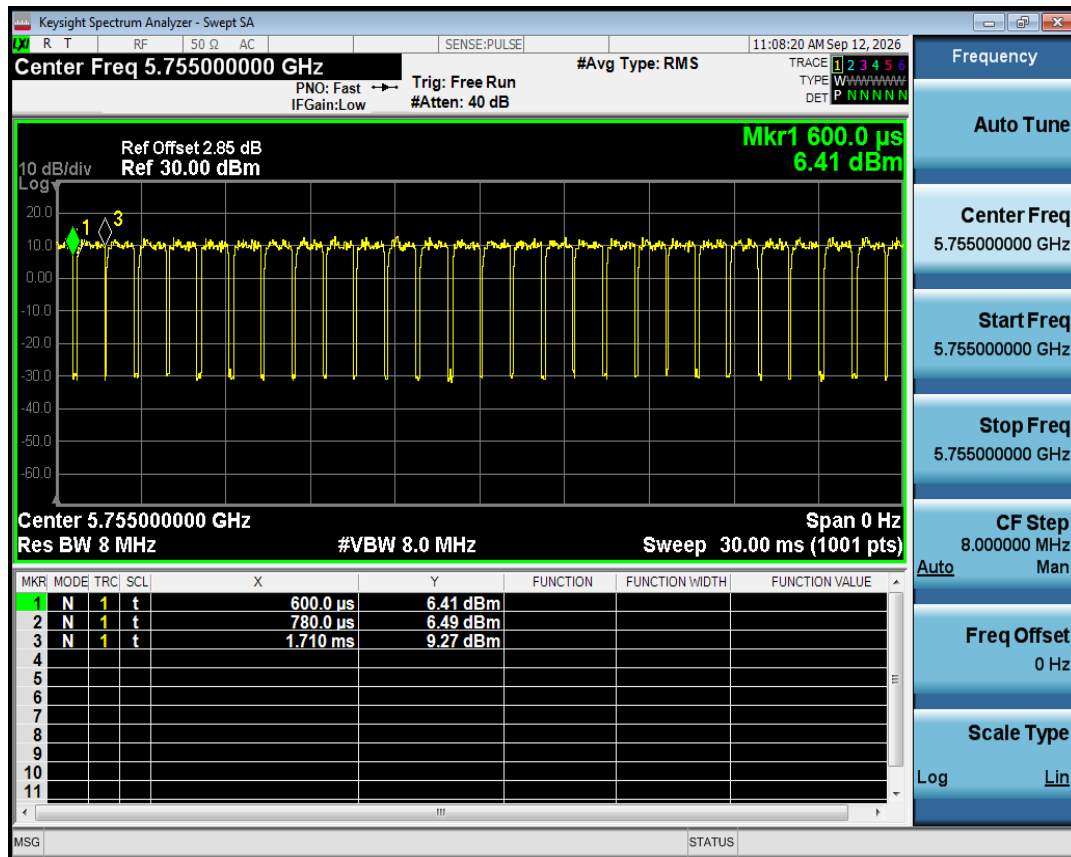
Duty Cycle NVNT n20 5745MHz Ant1



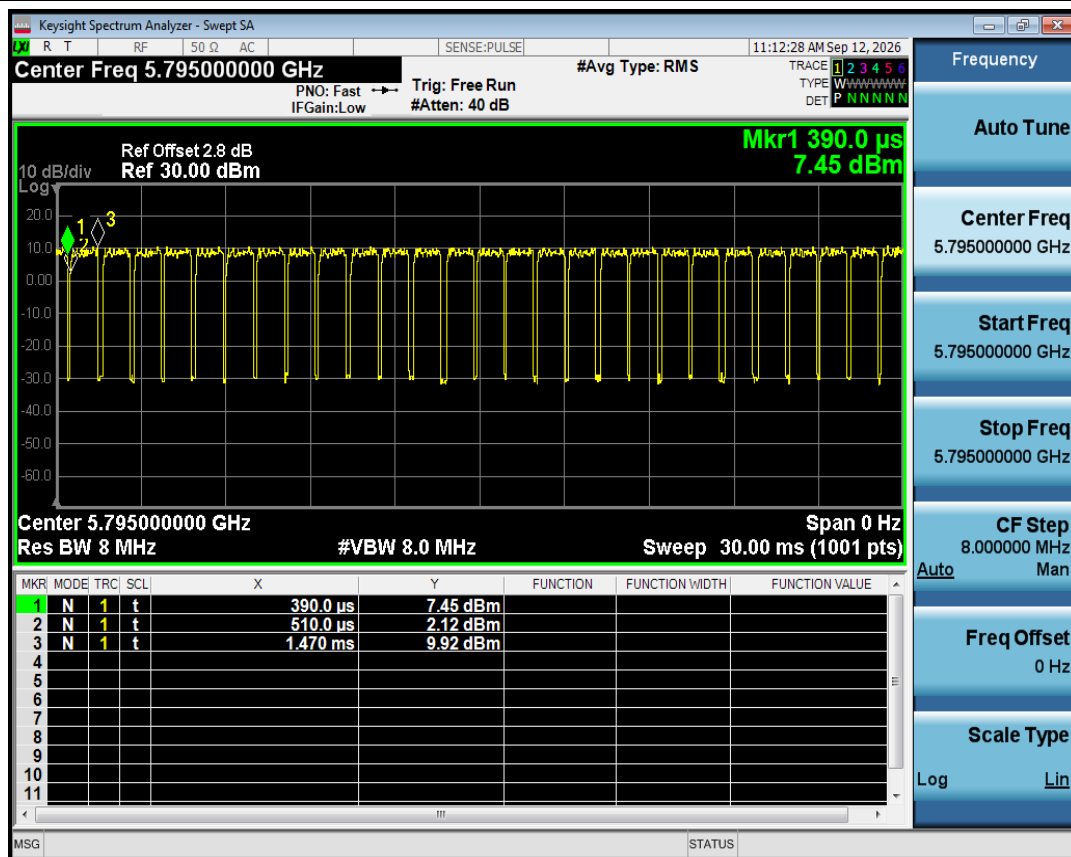
Duty Cycle NVNT n20 5785MHz Ant1



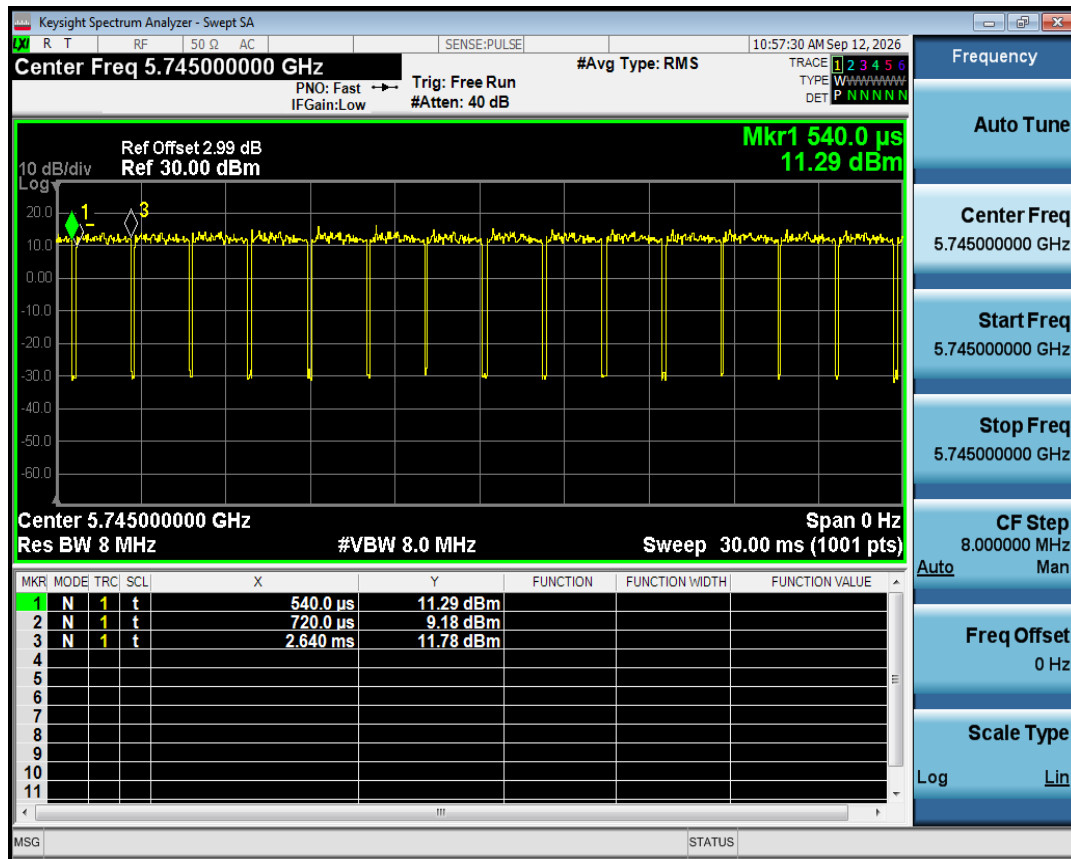
Duty Cycle NVNT n20 5825MHz Ant1



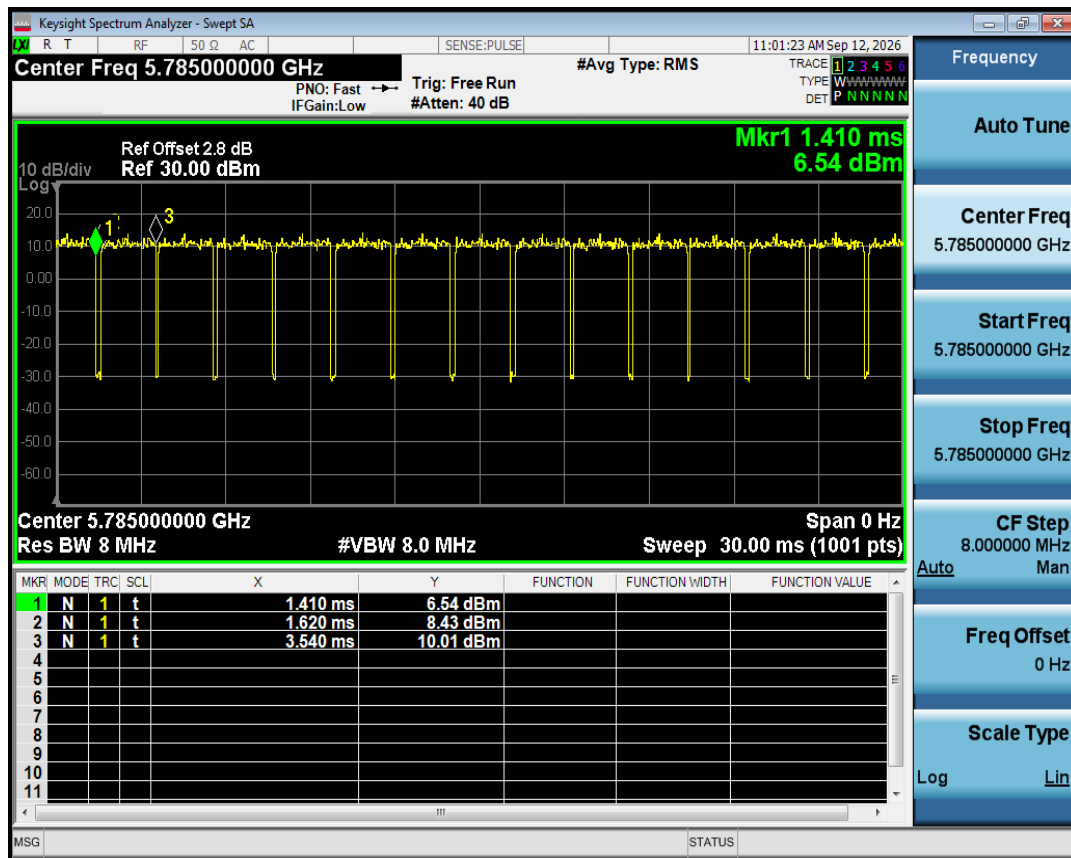
Duty Cycle NVNT n40 5755MHz Ant1



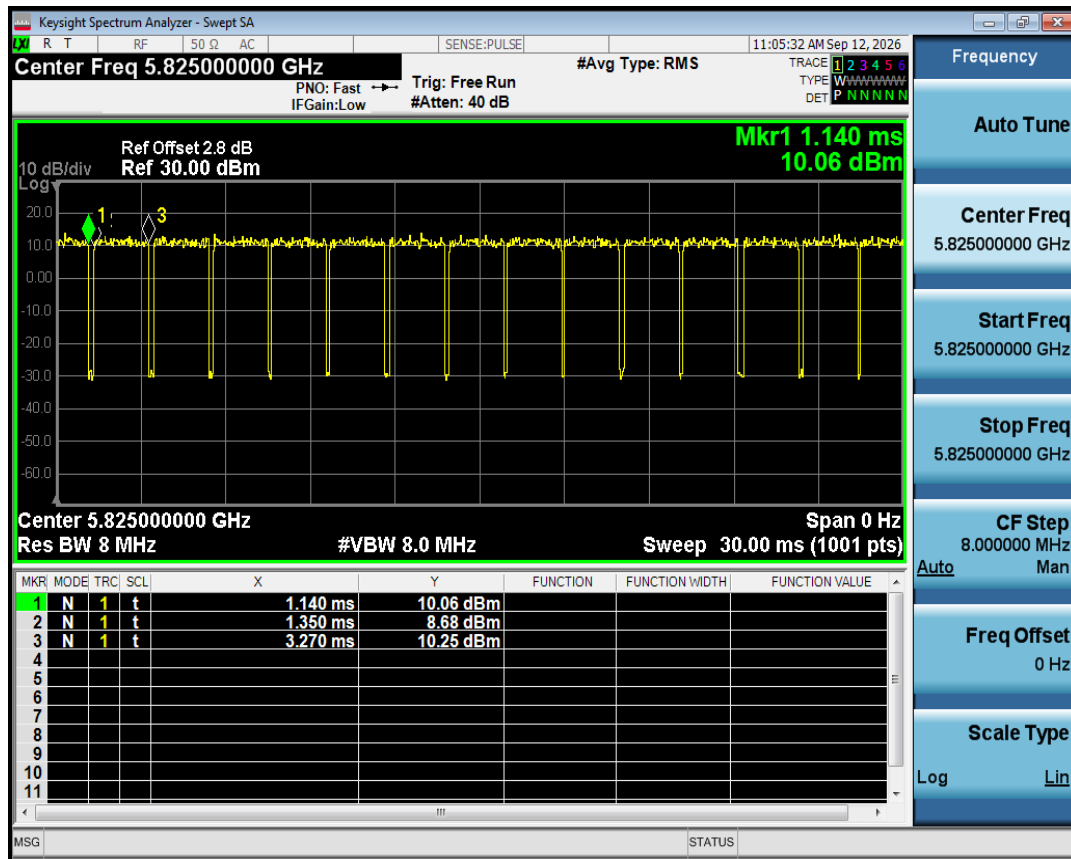
Duty Cycle NVNT n40 5795MHz Ant1



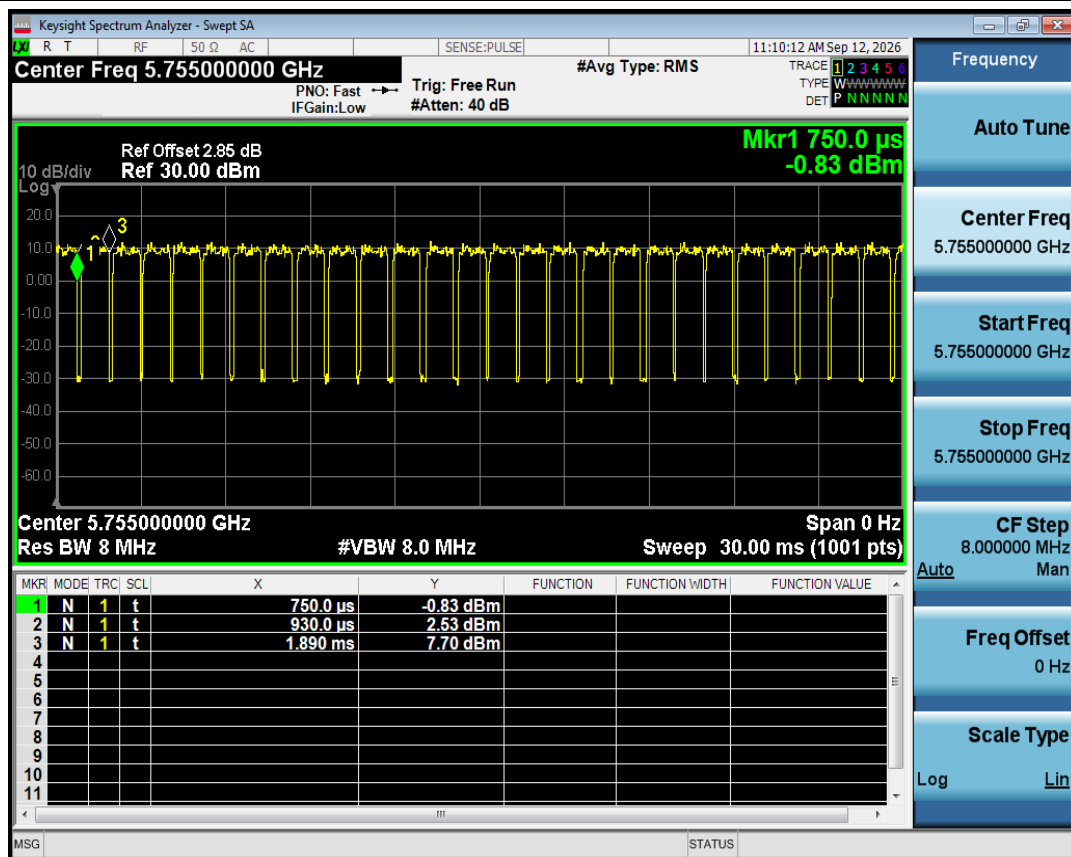
Duty Cycle NVNT ac20 5745MHz Ant1



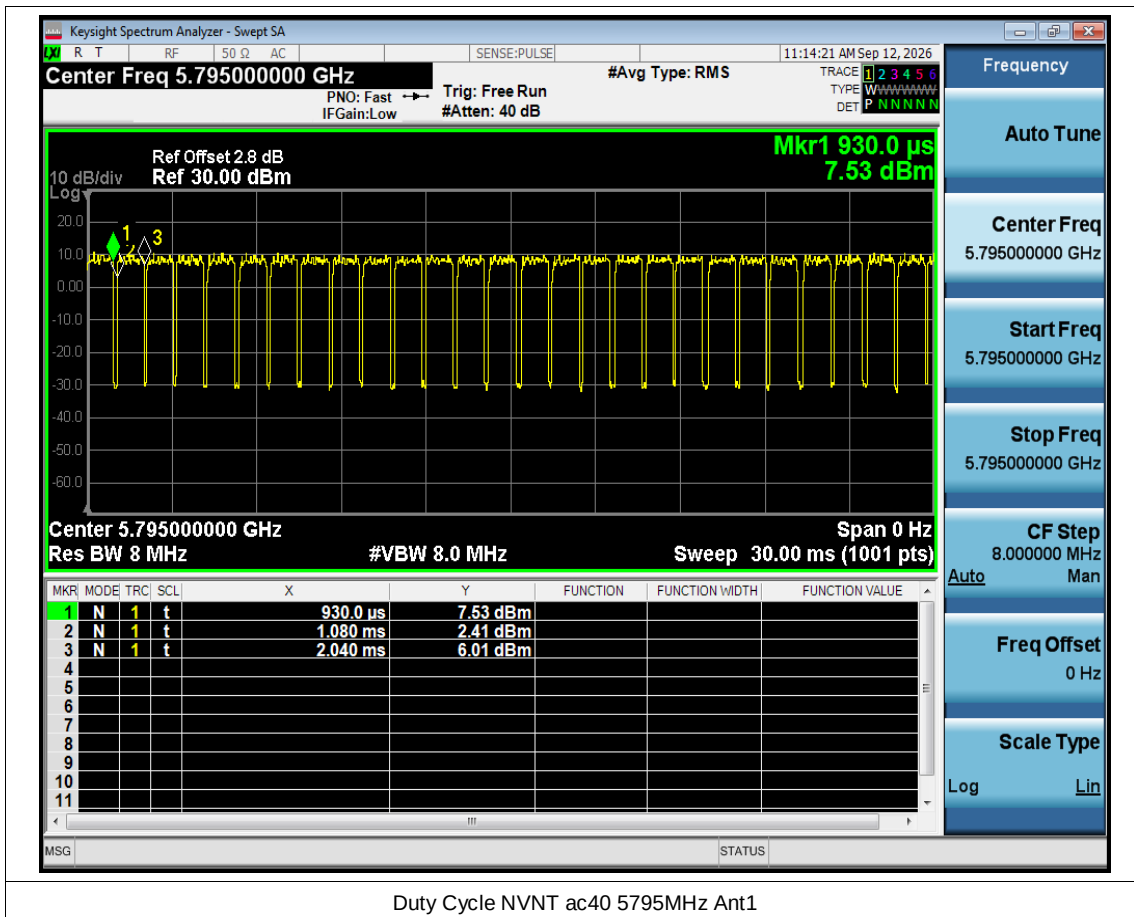
Duty Cycle NVNT ac20 5785MHz Ant1



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	6.02	0.004	30	Pass
NVNT	a	5785	Ant1	4.22	0.00264	30	Pass
NVNT	a	5825	Ant1	4.01	0.00252	30	Pass
NVNT	n20	5745	Ant1	7.56	0.0057	30	Pass
NVNT	n20	5785	Ant1	6.64	0.00461	30	Pass
NVNT	n20	5825	Ant1	6.8	0.00479	30	Pass
NVNT	n40	5755	Ant1	6.87	0.00486	30	Pass
NVNT	n40	5795	Ant1	6.45	0.00442	30	Pass
NVNT	ac20	5745	Ant1	6.86	0.00485	30	Pass
NVNT	ac20	5785	Ant1	6.37	0.00434	30	Pass
NVNT	ac20	5825	Ant1	6.59	0.00456	30	Pass
NVNT	ac40	5755	Ant1	6.7	0.00468	30	Pass
NVNT	ac40	5795	Ant1	6.37	0.00434	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.06	0.5	Pass
NVNT	a	5785	Ant1	15.08	0.5	Pass
NVNT	a	5825	Ant1	15.08	0.5	Pass
NVNT	n20	5745	Ant1	15.03	0.5	Pass
NVNT	n20	5785	Ant1	15.03	0.5	Pass
NVNT	n20	5825	Ant1	15.04	0.5	Pass
NVNT	n40	5755	Ant1	32.53	0.5	Pass
NVNT	n40	5795	Ant1	30.07	0.5	Pass
NVNT	ac20	5745	Ant1	15.08	0.5	Pass
NVNT	ac20	5785	Ant1	15	0.5	Pass
NVNT	ac20	5825	Ant1	15.04	0.5	Pass
NVNT	ac40	5755	Ant1	32.58	0.5	Pass
NVNT	ac40	5795	Ant1	31.32	0.5	Pass



-6dB Bandwidth NVNT a 5745MHz Ant1



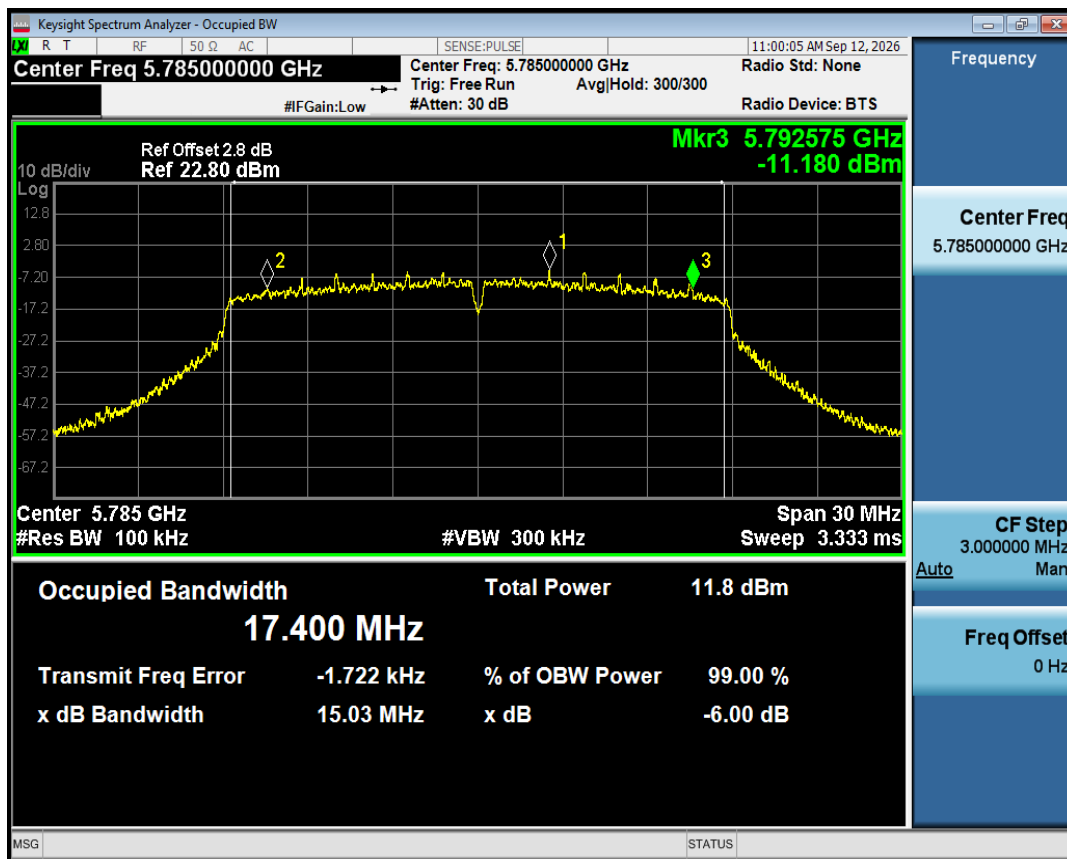
-6dB Bandwidth NVNT a 5785MHz Ant1



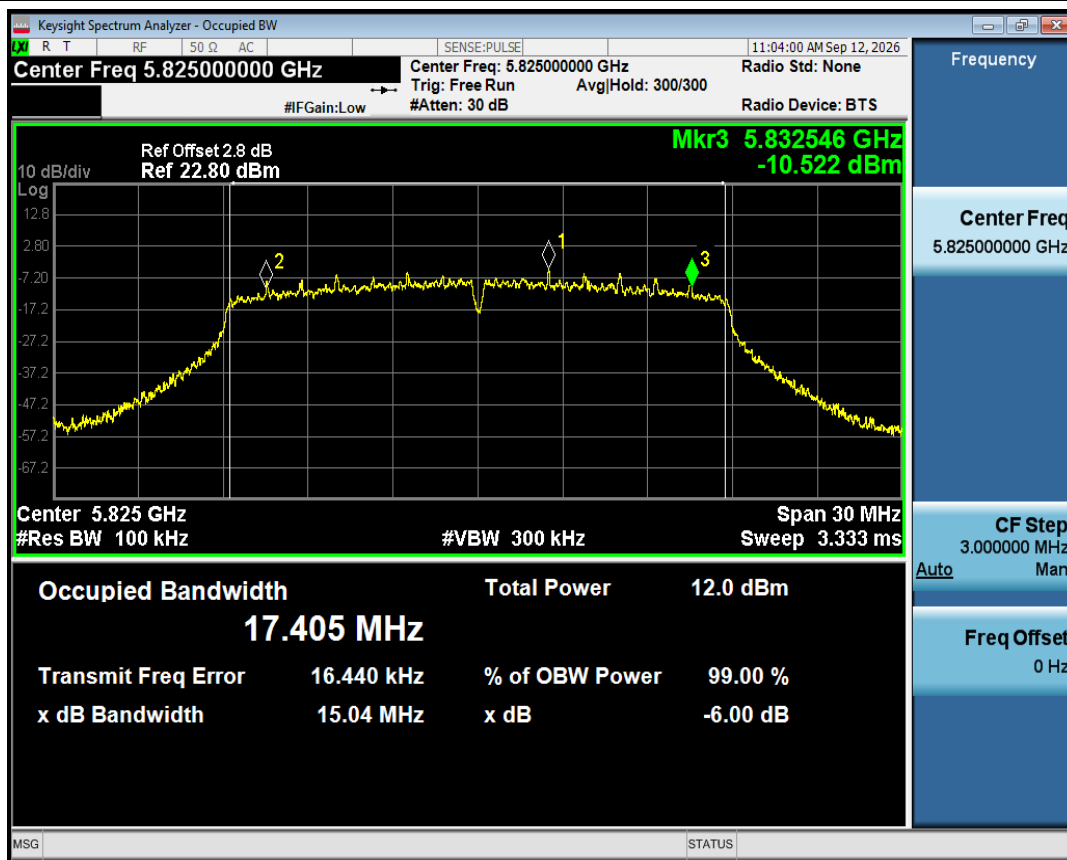
-6dB Bandwidth NVNT a 5825MHz Ant1



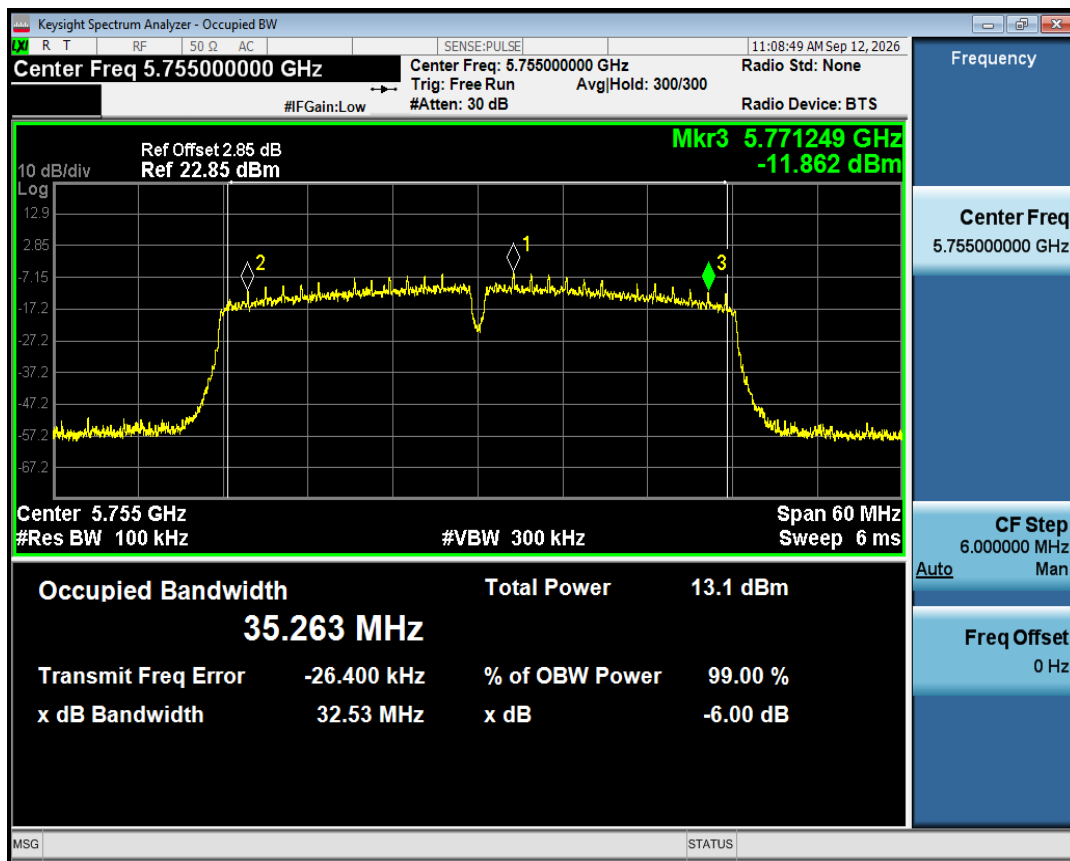
-6dB Bandwidth NVNT n20 5745MHz Ant1



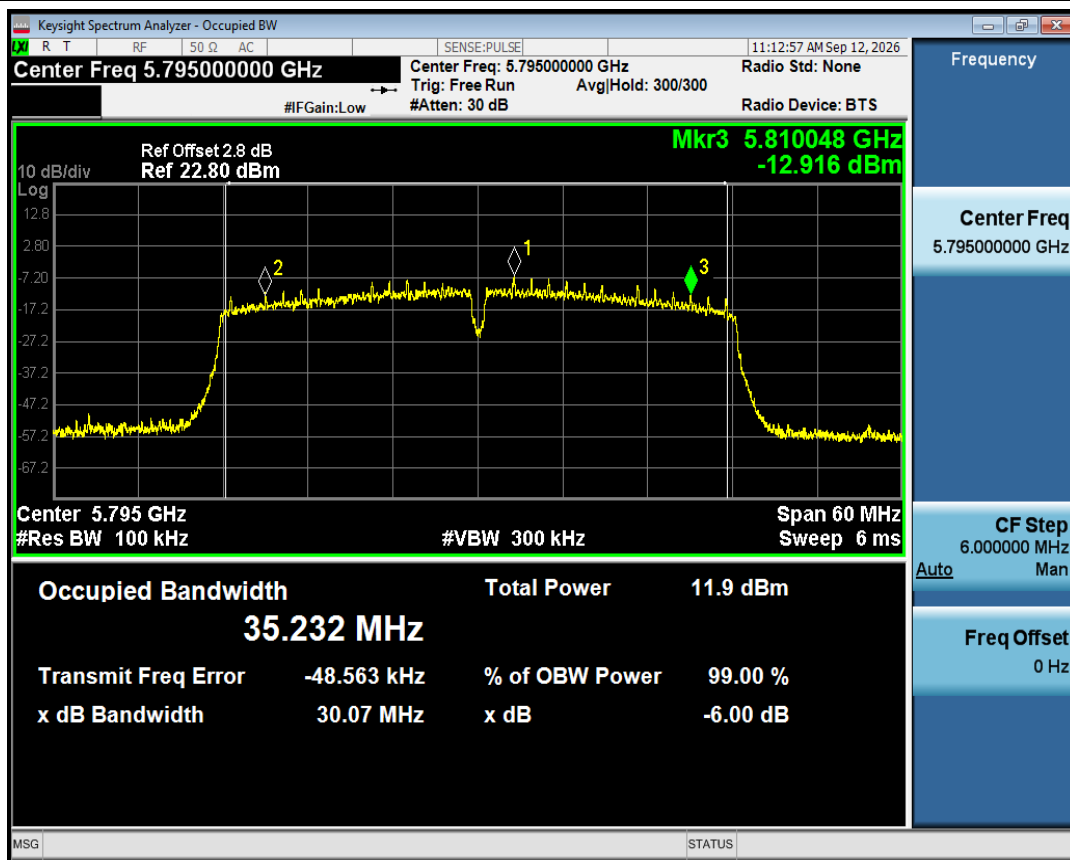
-6dB Bandwidth NVNT n20 5785MHz Ant1



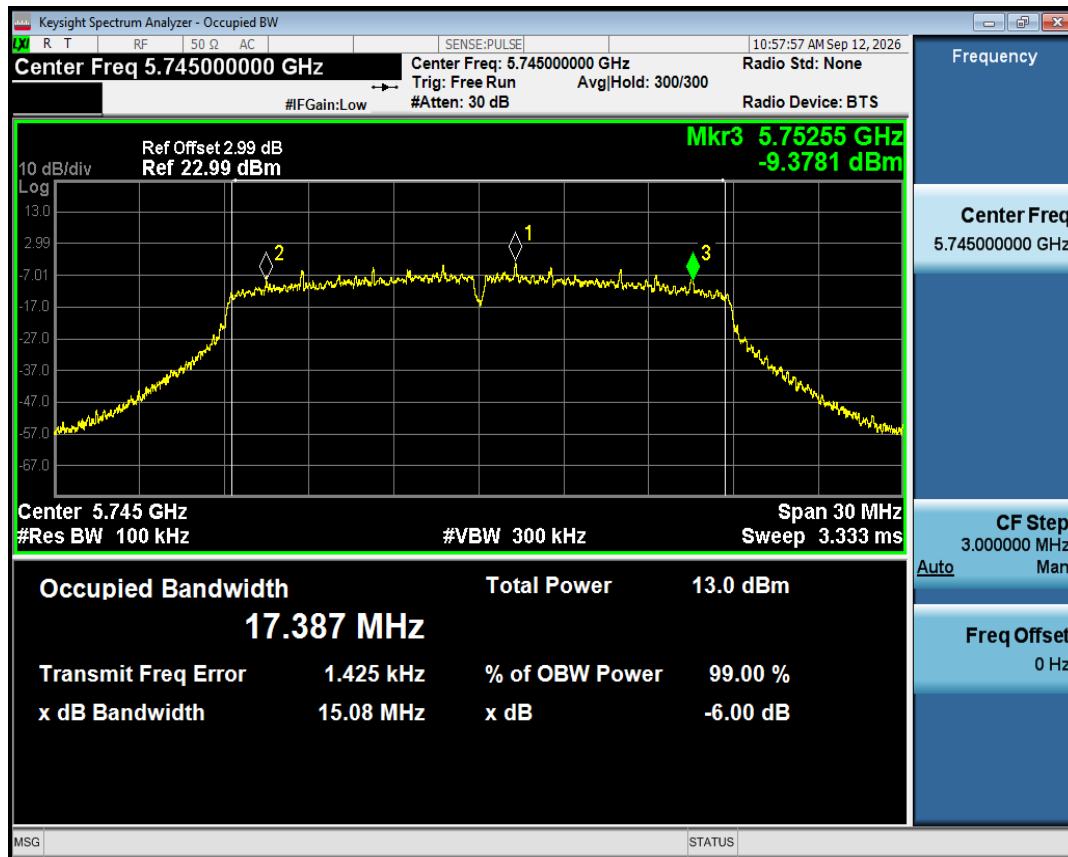
-6dB Bandwidth NVNT n20 5825MHz Ant1



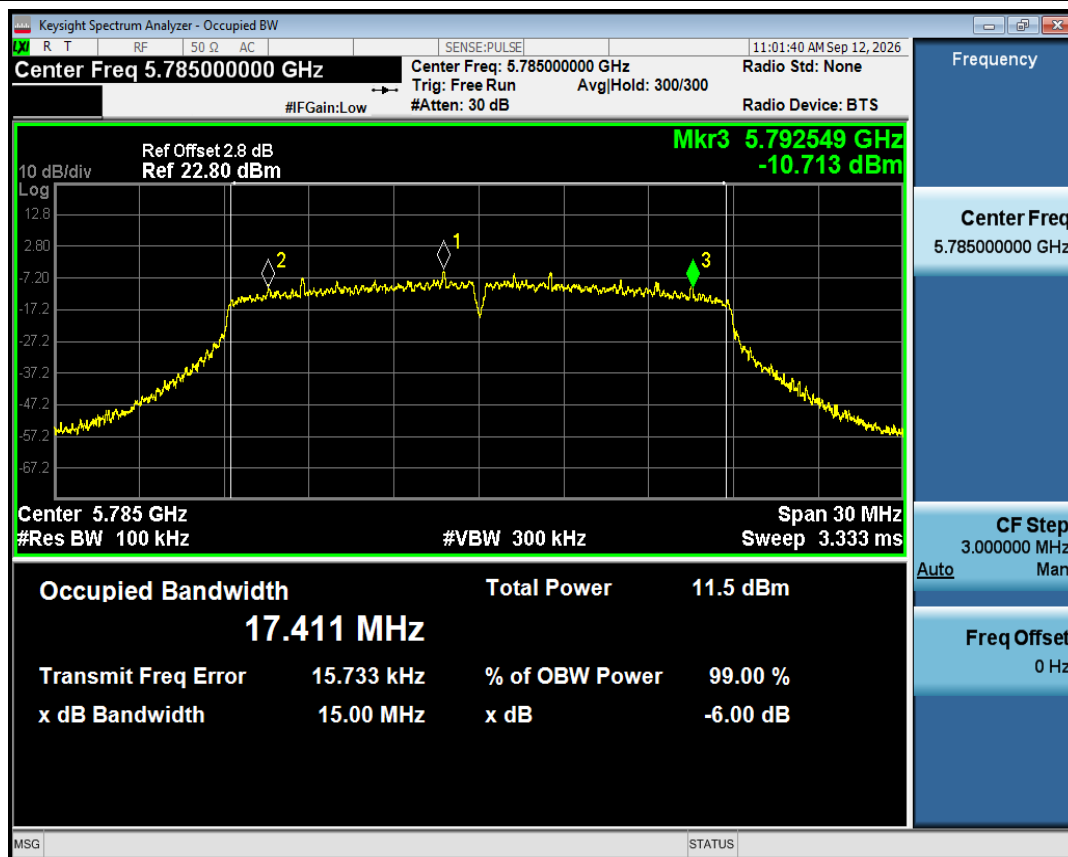
-6dB Bandwidth NVNT n40 5755MHz Ant1



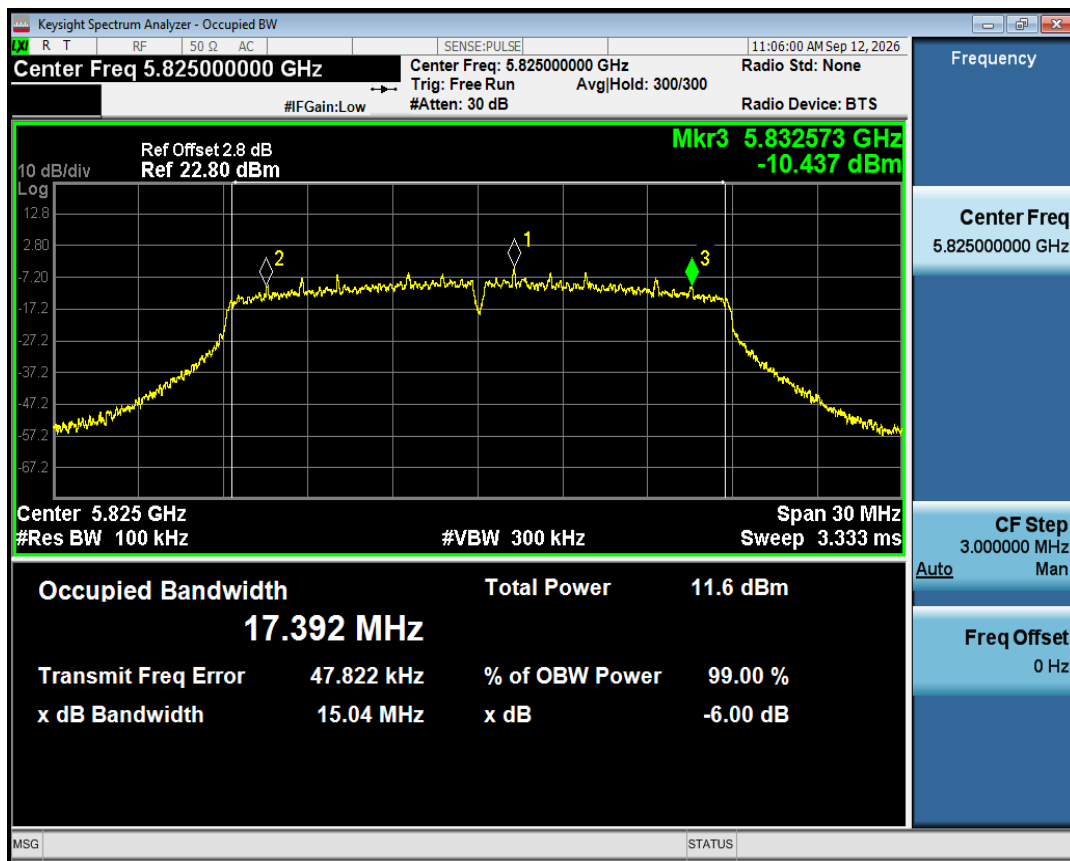
-6dB Bandwidth NVNT n40 5795MHz Ant1



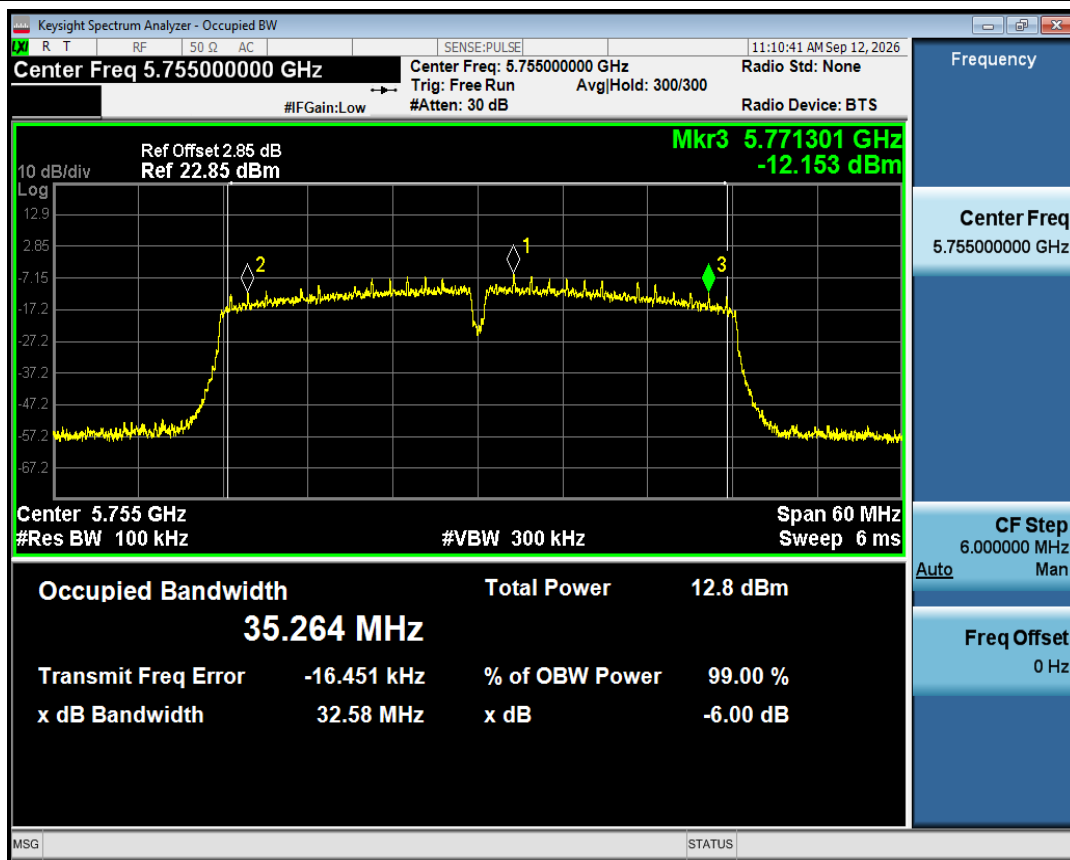
-6dB Bandwidth NVNT ac20 5745MHz Ant1



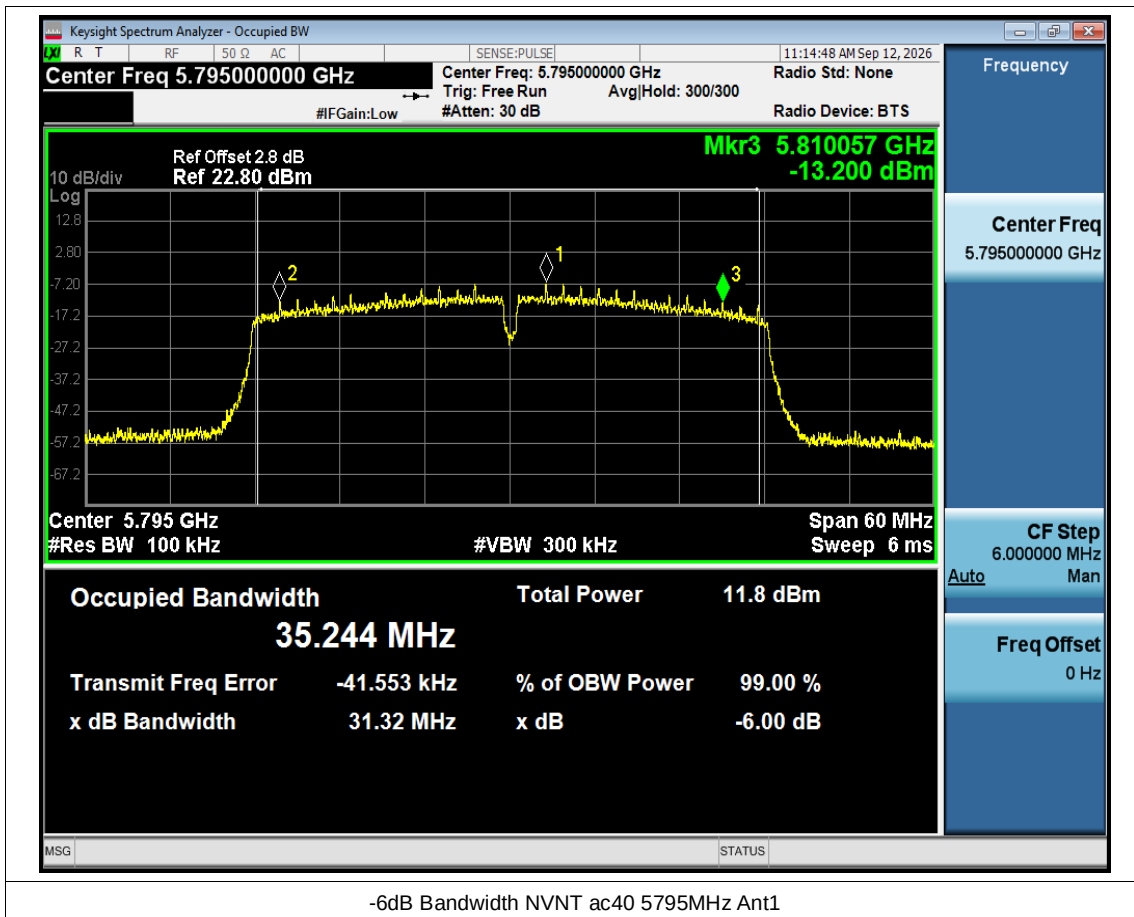
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1

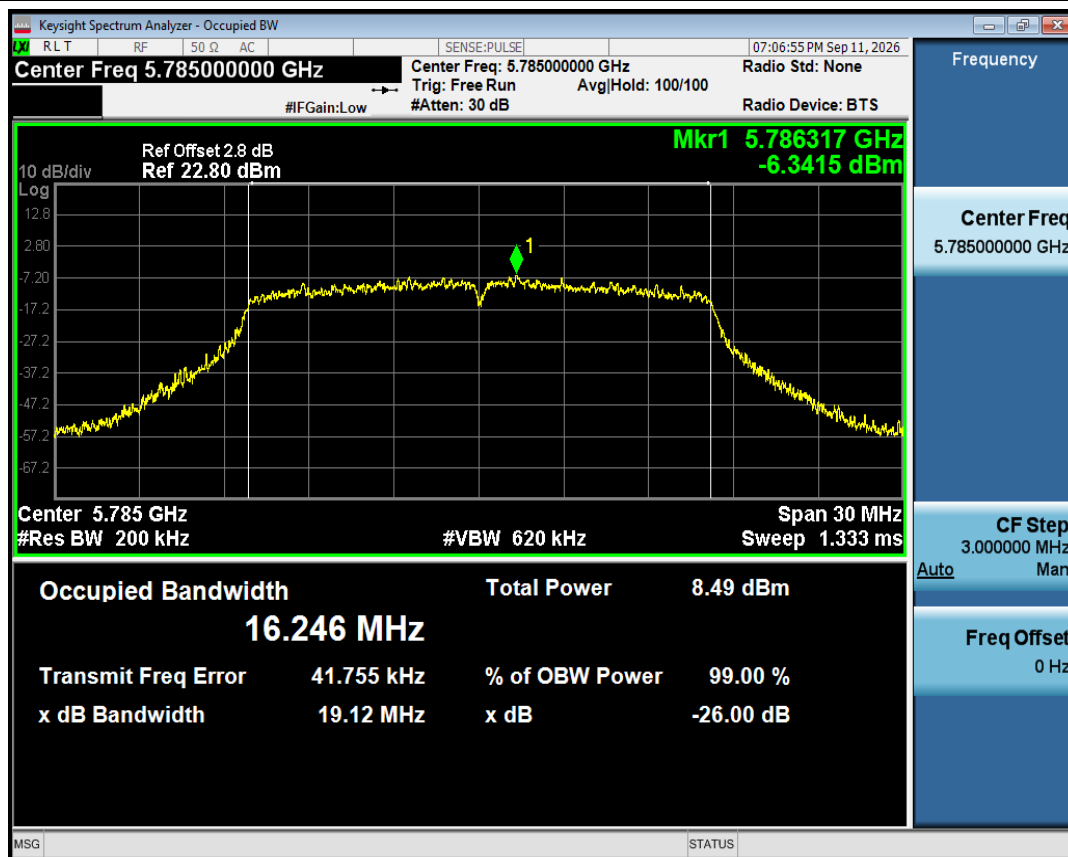


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.262
NVNT	a	5785	Ant1	16.246
NVNT	a	5825	Ant1	16.243
NVNT	n20	5745	Ant1	17.367
NVNT	n20	5785	Ant1	17.386
NVNT	n20	5825	Ant1	17.403
NVNT	n40	5755	Ant1	35.312
NVNT	n40	5795	Ant1	35.286
NVNT	ac20	5745	Ant1	17.383
NVNT	ac20	5785	Ant1	17.406
NVNT	ac20	5825	Ant1	17.387
NVNT	ac40	5755	Ant1	35.364
NVNT	ac40	5795	Ant1	35.294



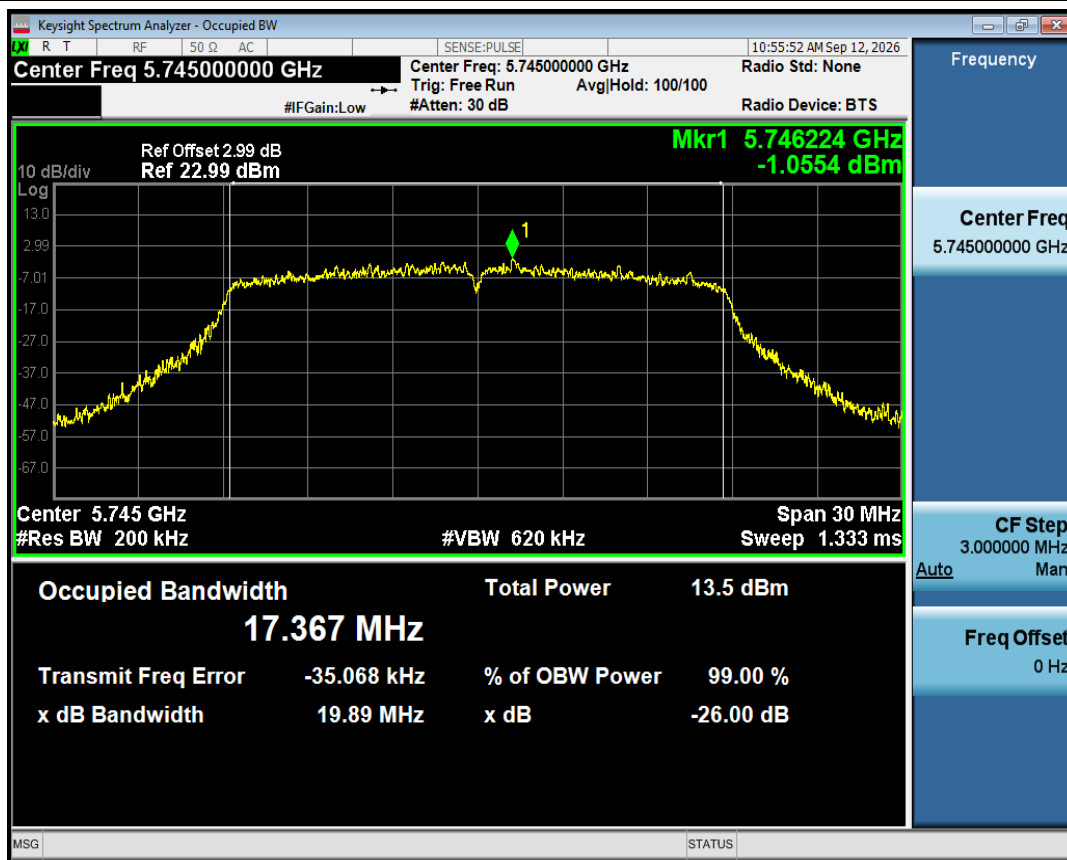
OBW NVNT a 5745MHz Ant1



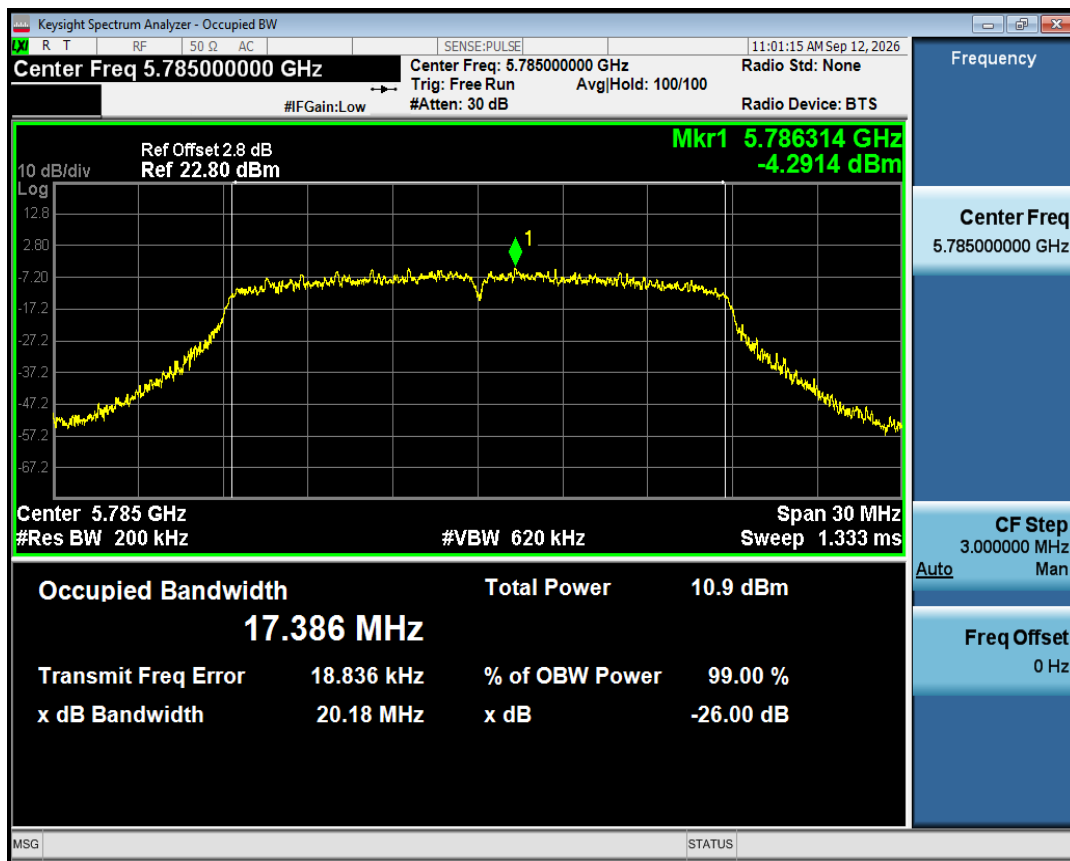
OBW NVNT a 5785MHz Ant1



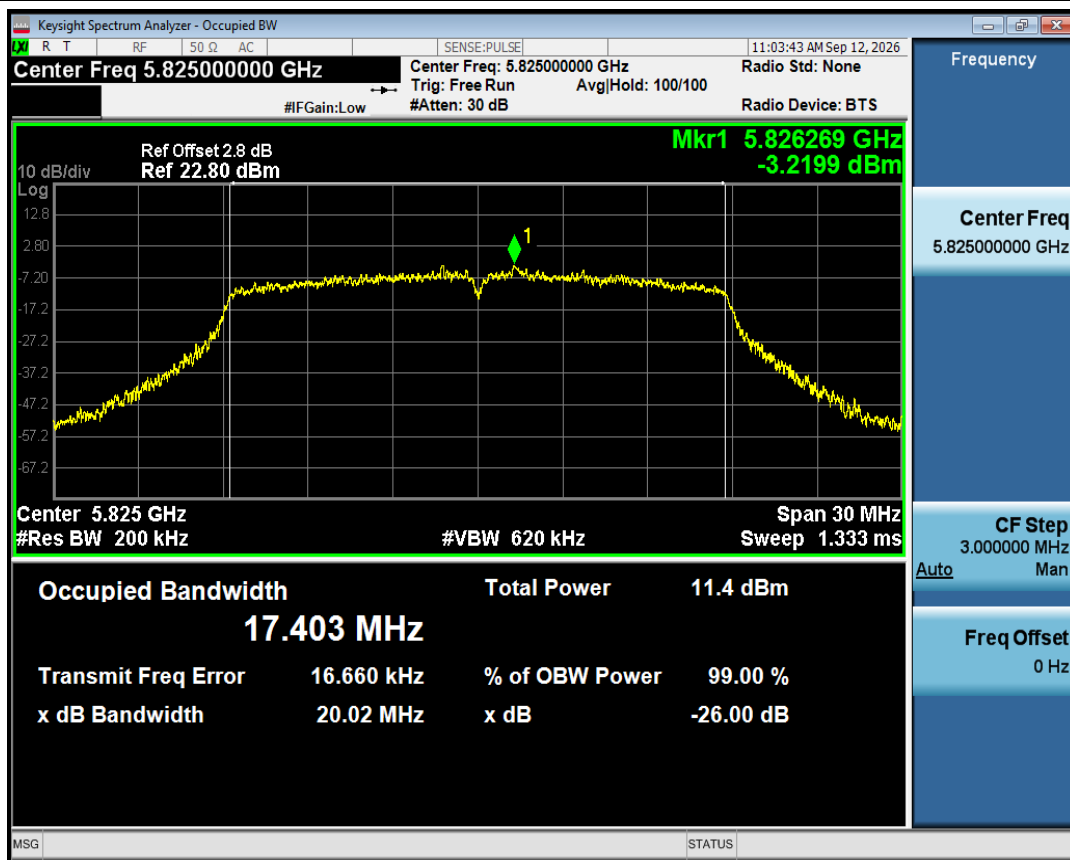
OBW NVNT a 5825MHz Ant1



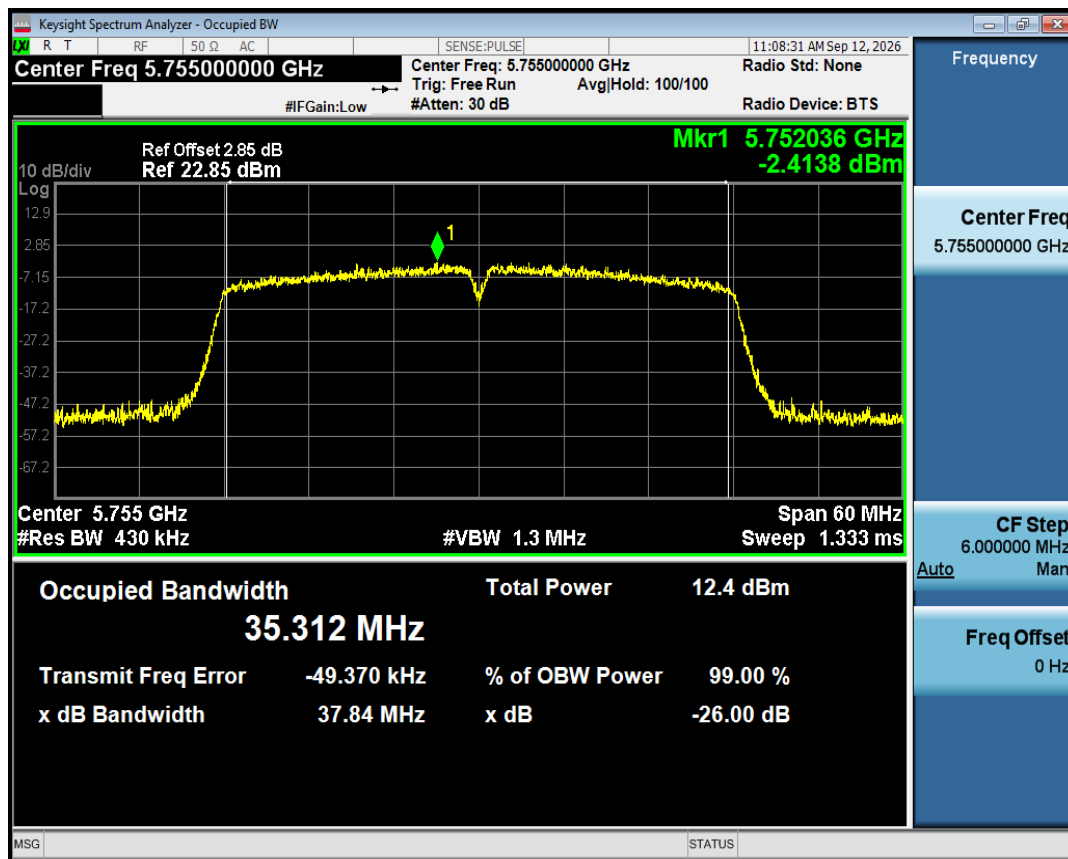
OBW NVNT n20 5745MHz Ant1



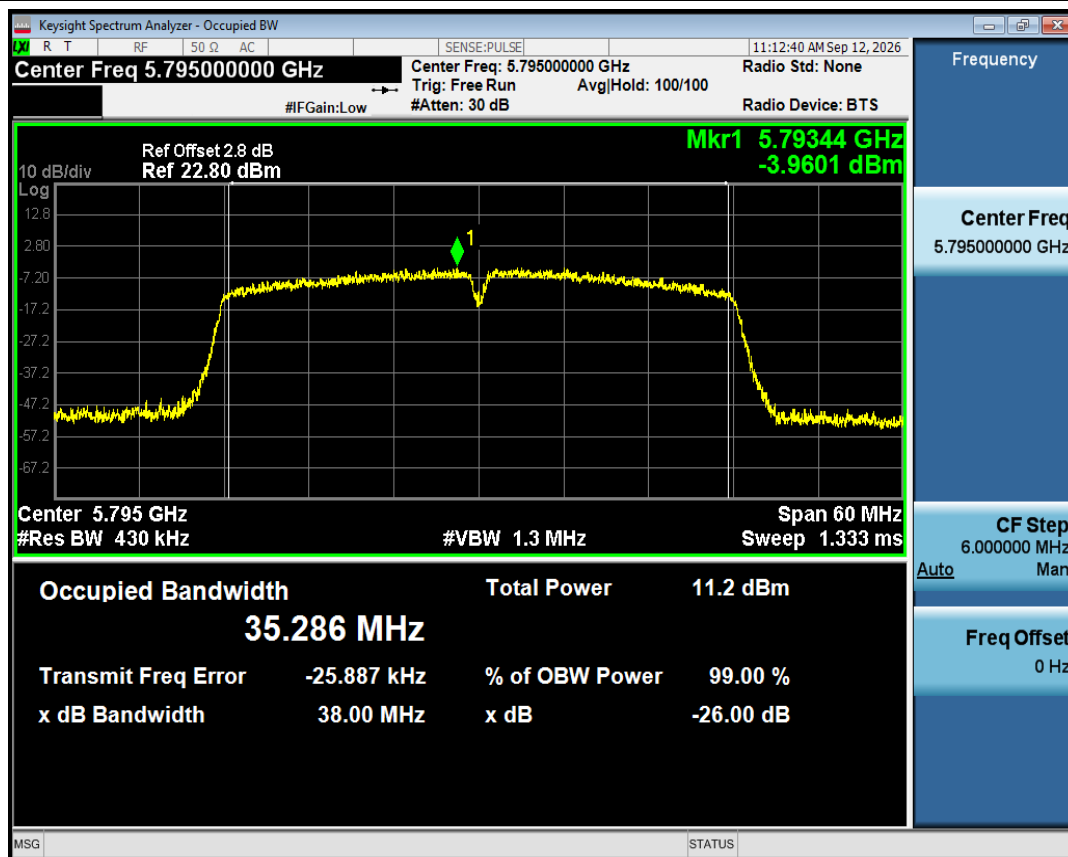
OBW NVNT n20 5785MHz Ant1



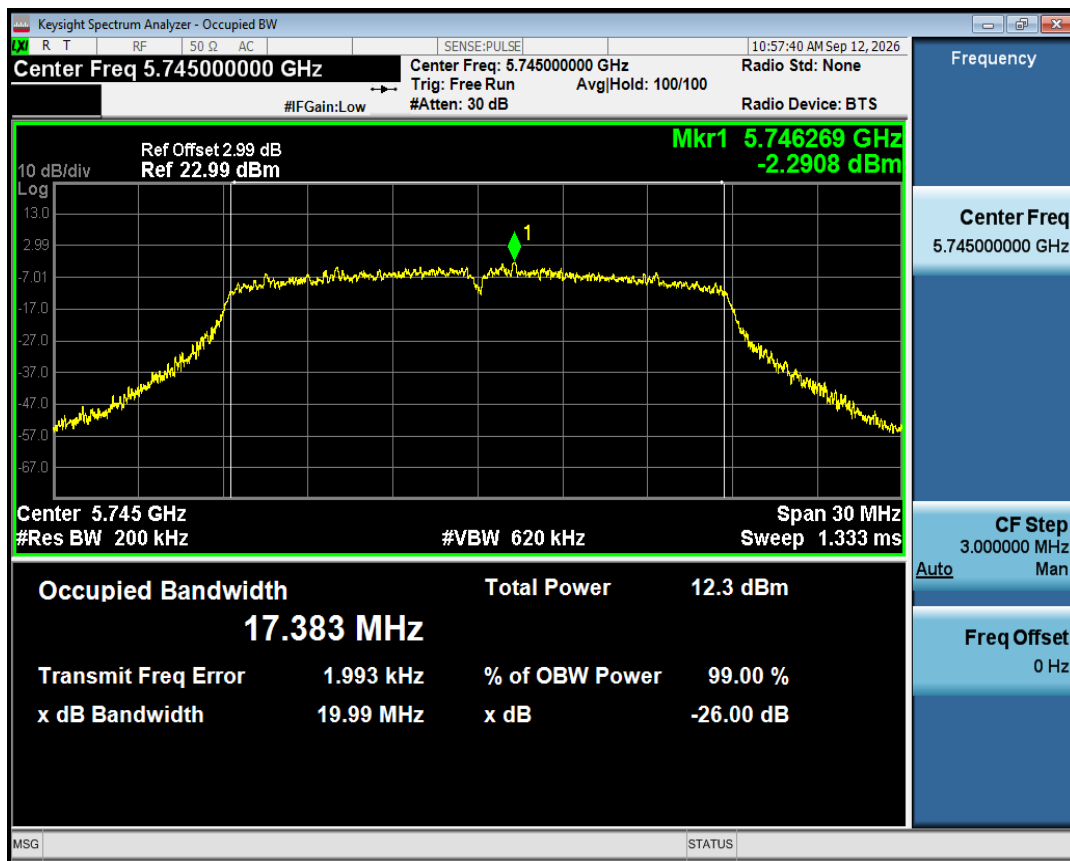
OBW NVNT n20 5825MHz Ant1



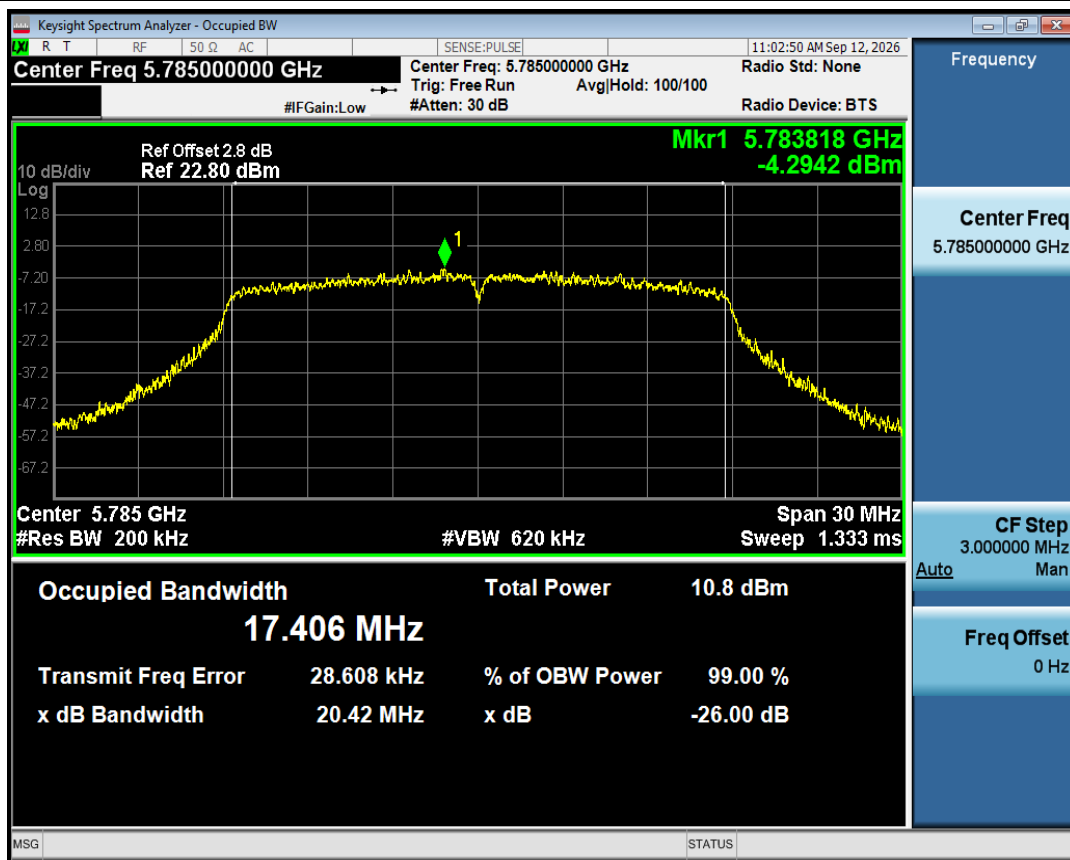
OBW NVNT n40 5755MHz Ant1



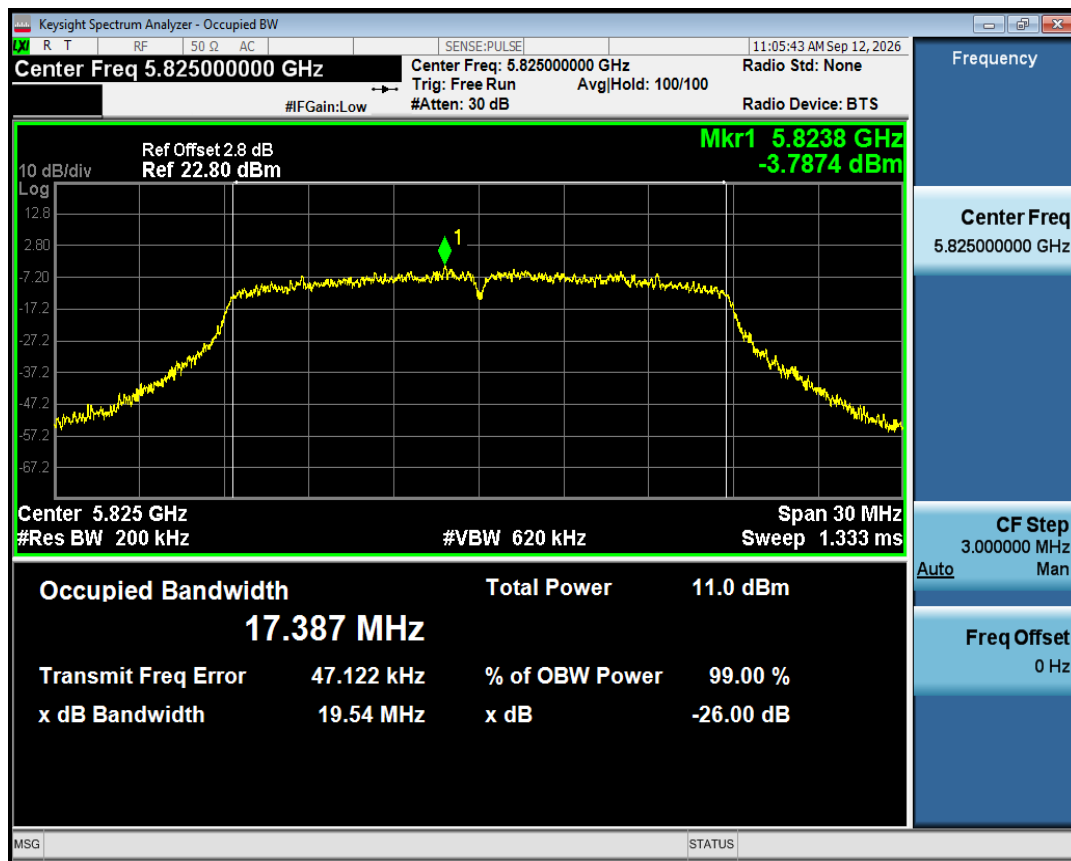
OBW NVNT n40 5795MHz Ant1



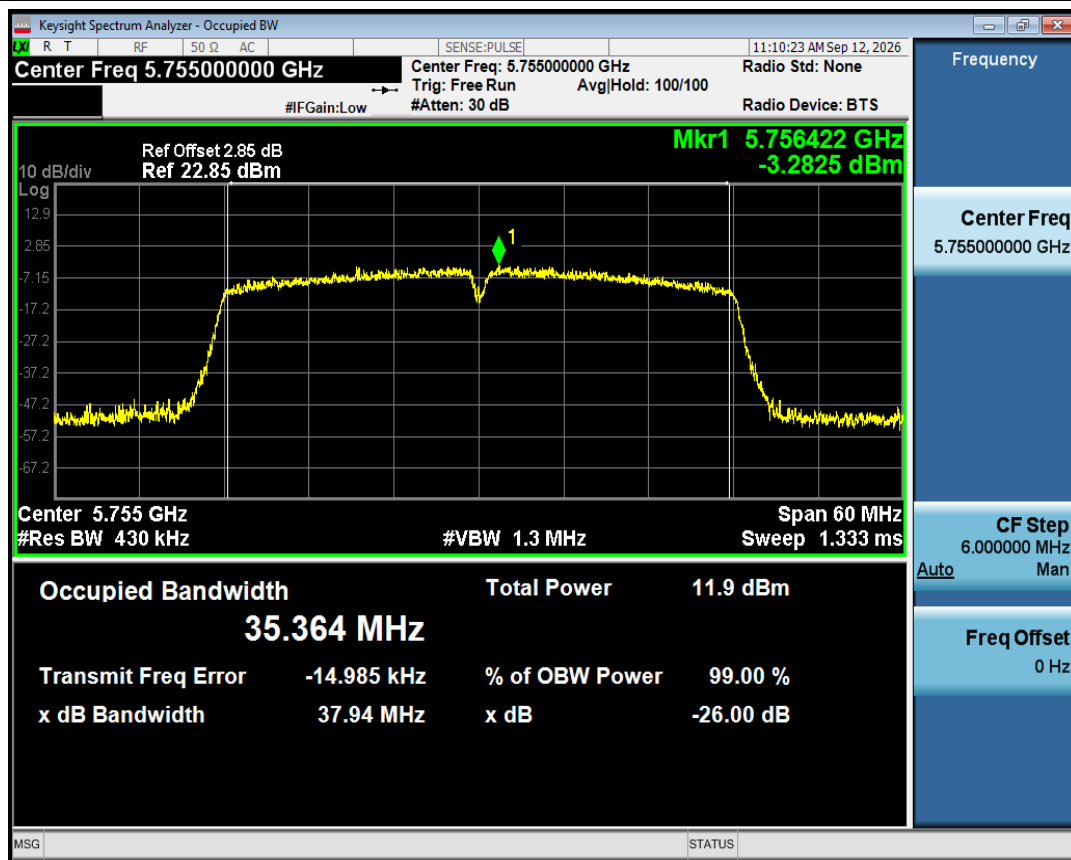
OBW NVNT ac20 5745MHz Ant1



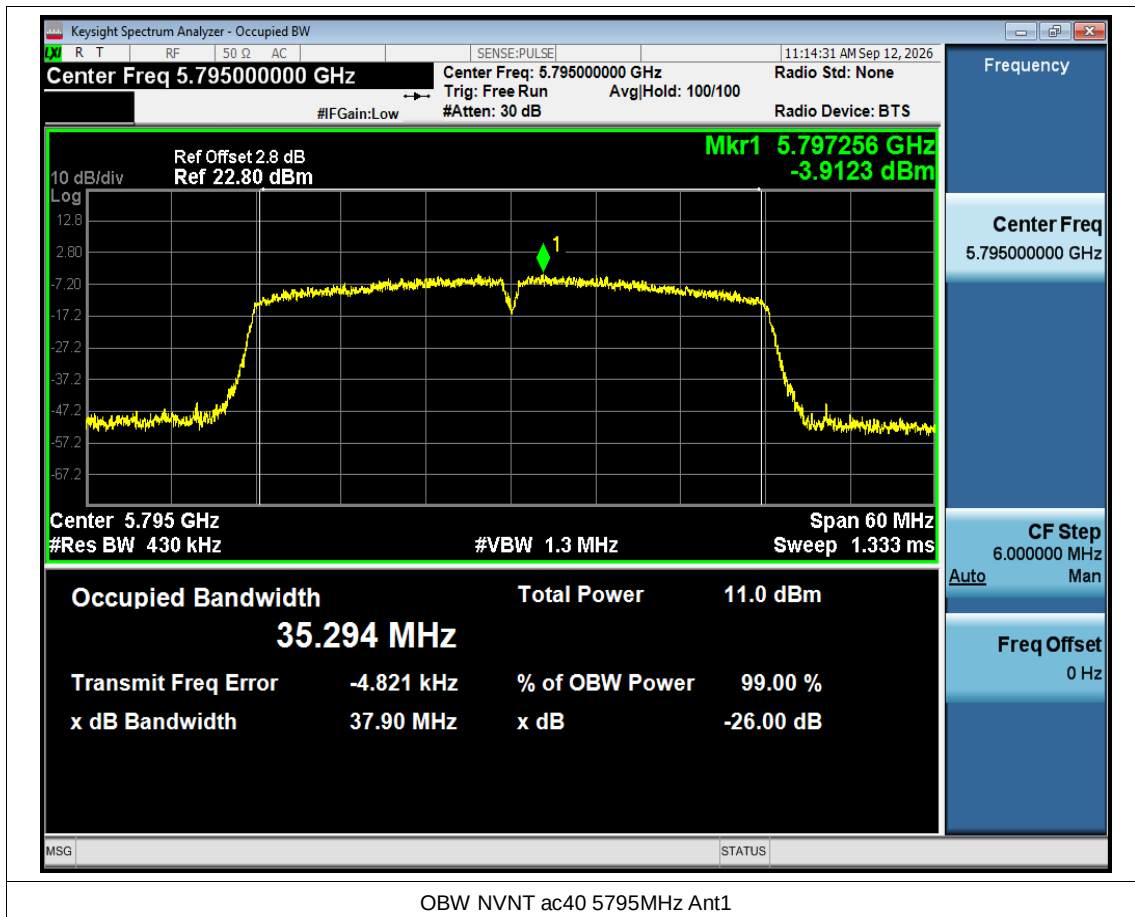
OBW NVNT ac20 5785MHz Ant1



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	-8.49	0.18	-8.31	0.145	30	Pass
NVNT	a	5785	Ant1	-9.81	0.48	-9.33	0.114	30	Pass
NVNT	a	5825	Ant1	-10.34	0.36	-9.98	0.098	30	Pass
NVNT	n20	5745	Ant1	-6.08	0.33	-5.75	0.261	30	Pass
NVNT	n20	5785	Ant1	-7.9	0.2	-7.7	0.166	30	Pass
NVNT	n20	5825	Ant1	-7.7	0.39	-7.31	0.182	30	Pass
NVNT	n40	5755	Ant1	-10.08	0.77	-9.31	0.115	30	Pass
NVNT	n40	5795	Ant1	-10.97	0.51	-10.46	0.088	30	Pass
NVNT	ac2 0	5745	Ant1	-6.56	0.39	-6.17	0.237	30	Pass
NVNT	ac2 0	5785	Ant1	-8.06	0.45	-7.61	0.170	30	Pass
NVNT	ac2 0	5825	Ant1	-7.92	0.45	-7.47	0.176	30	Pass
NVNT	ac4 0	5755	Ant1	-10.27	0.75	-9.52	0.109	30	Pass
NVNT	ac4 0	5795	Ant1	-11.21	0.63	-10.58	0.086	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



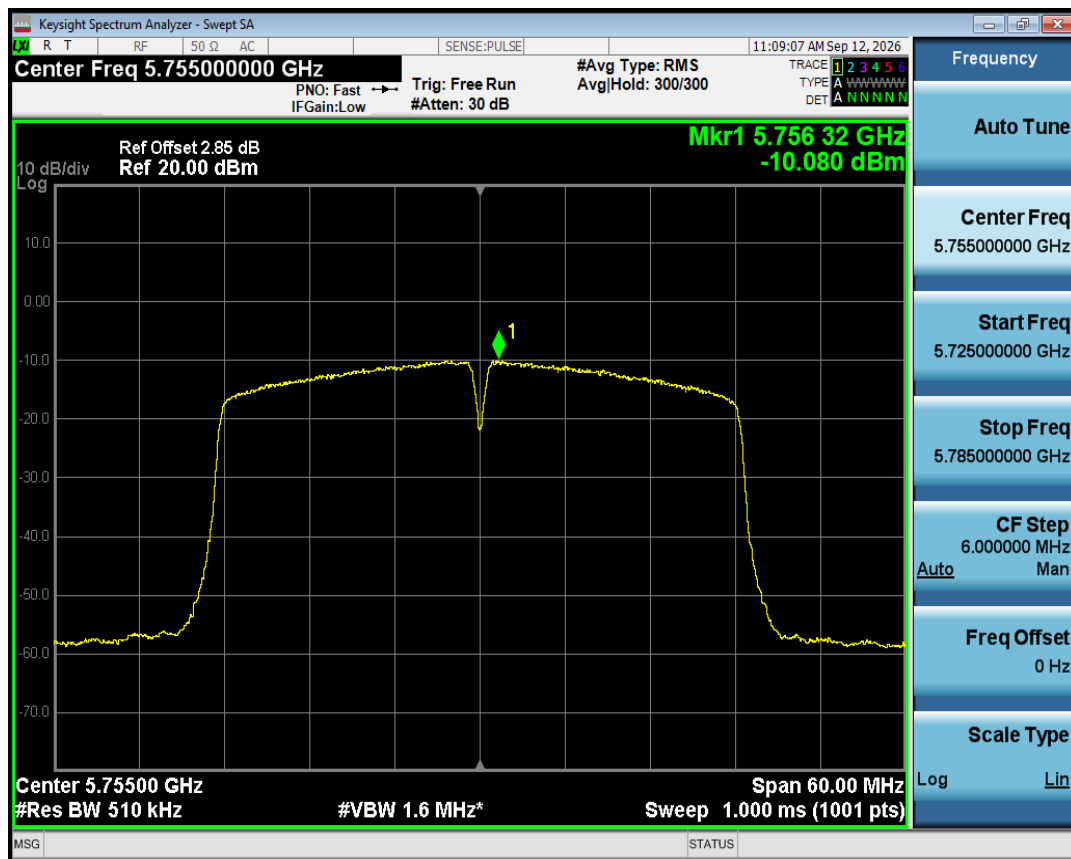
PSD NVNT n20 5745MHz Ant1



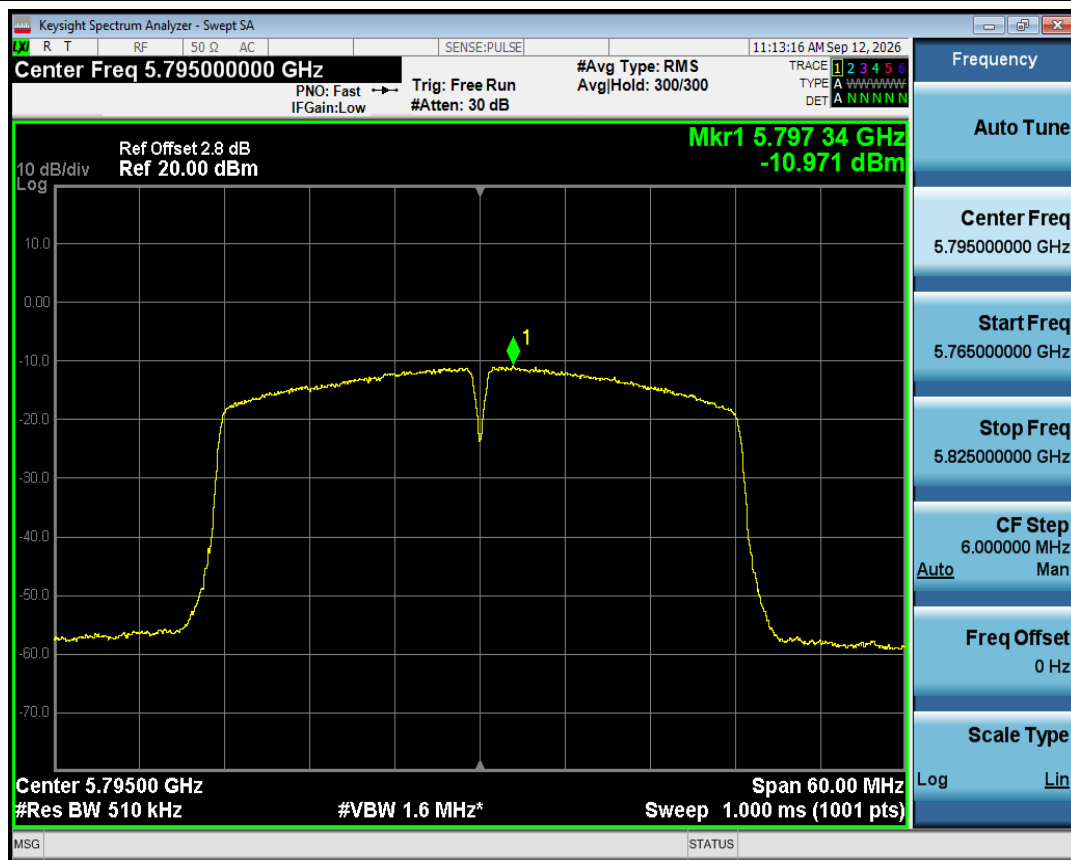
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5745MHz Ant1



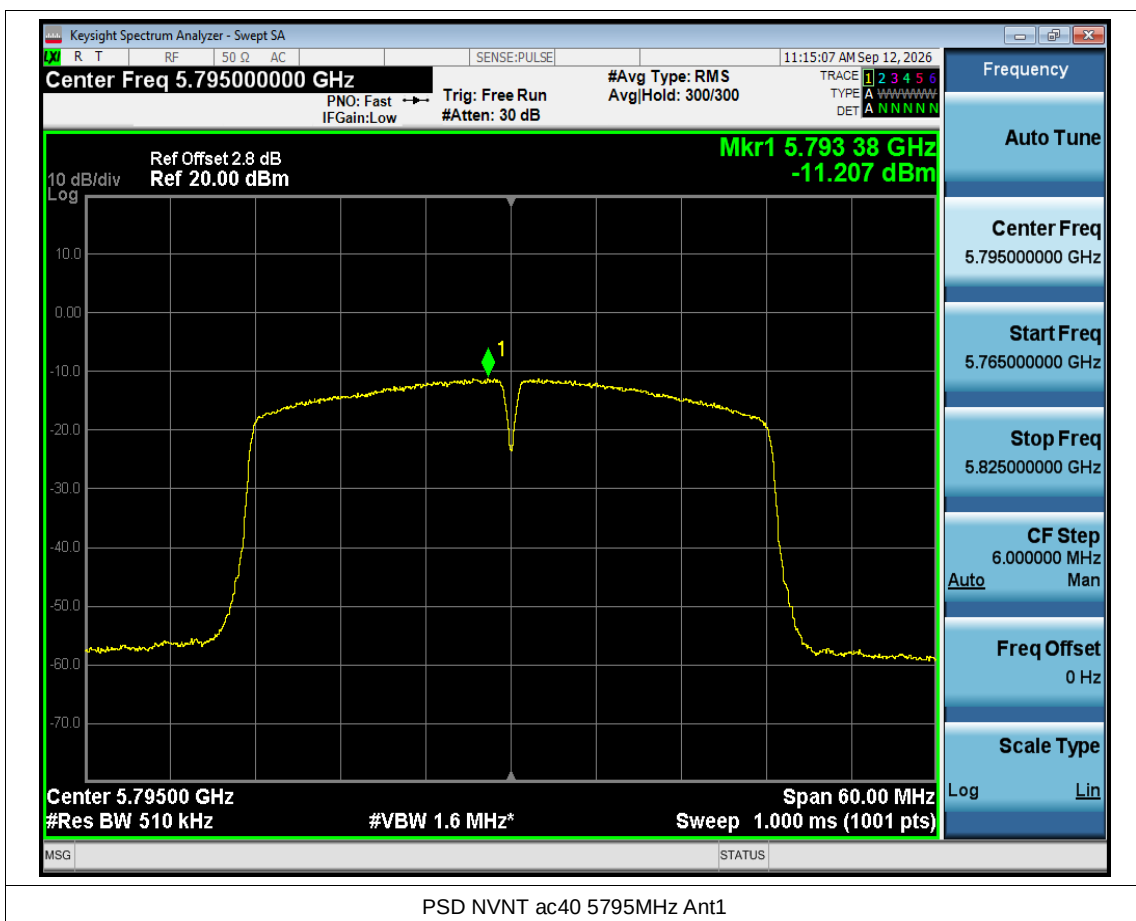
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1

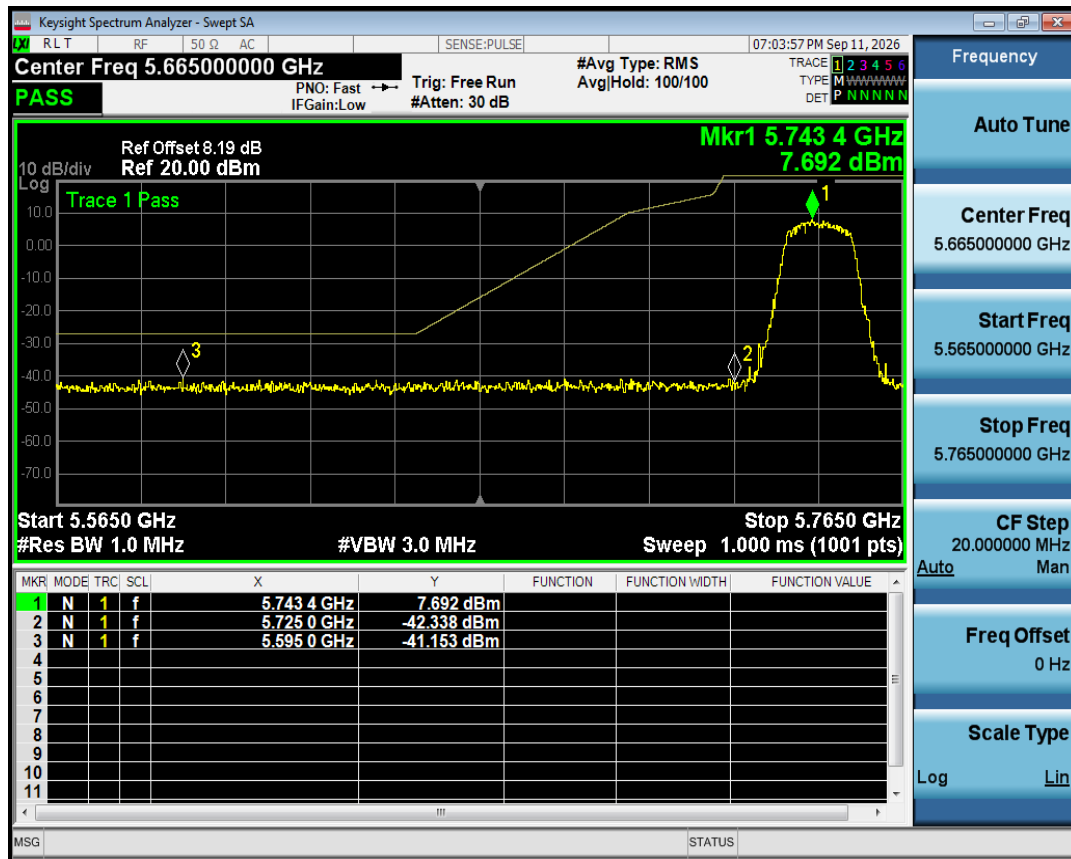


PSD NVNT ac40 5755MHz Ant1

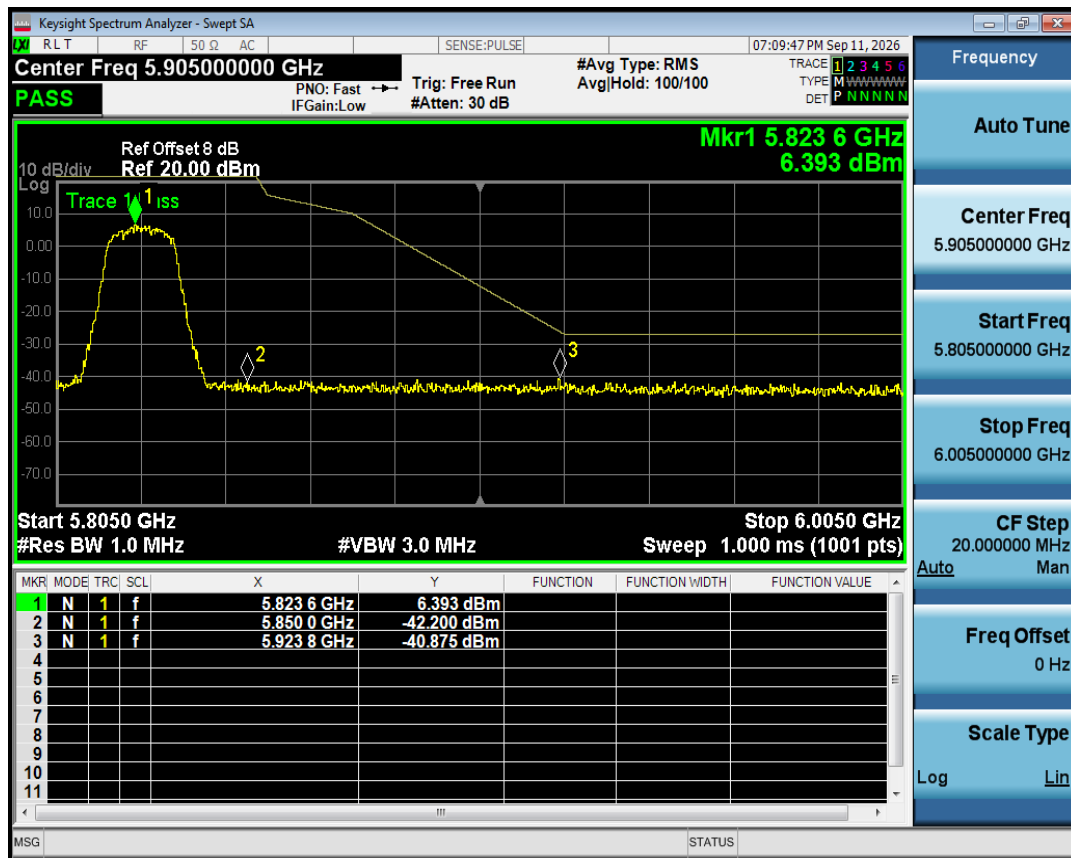


Band Edge

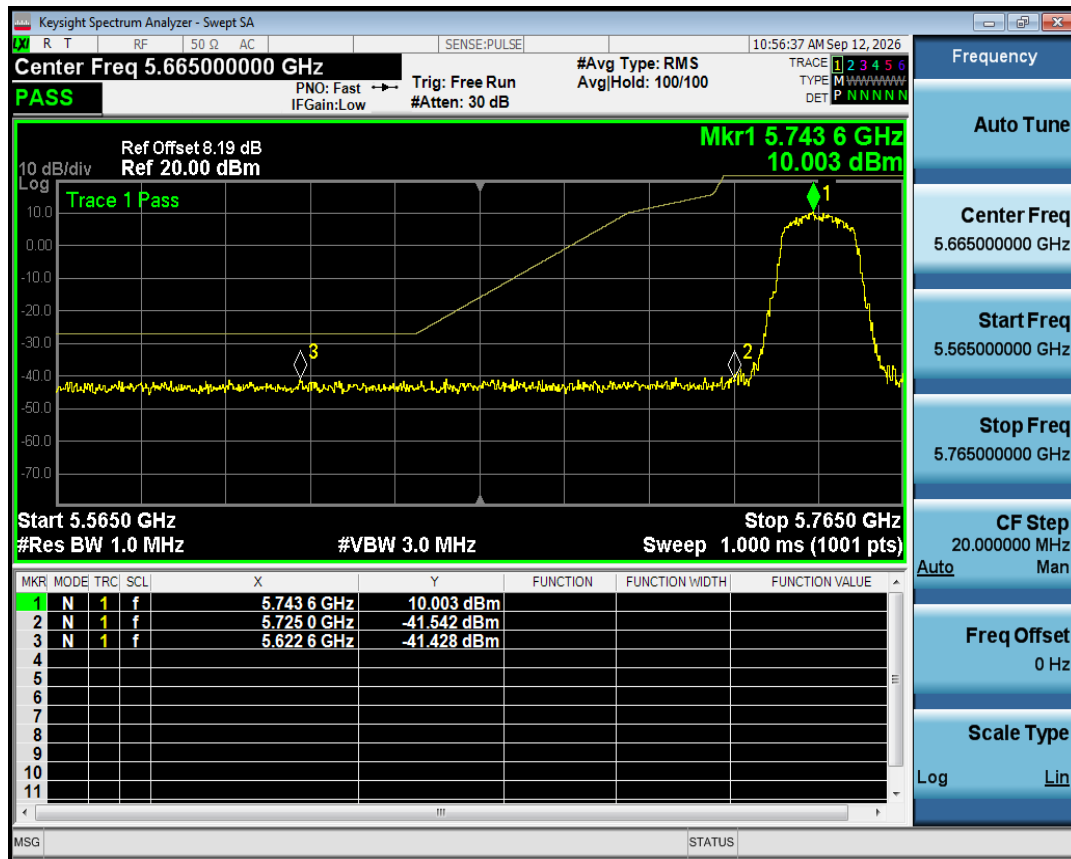
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-41.15	See test Graph	Pass
NVNT	a	5825	Ant1	-40.87	See test Graph	Pass
NVNT	n20	5745	Ant1	-41.42	See test Graph	Pass
NVNT	n20	5825	Ant1	-41.33	See test Graph	Pass
NVNT	n40	5755	Ant1	-40.7	See test Graph	Pass
NVNT	n40	5795	Ant1	-42	See test Graph	Pass
NVNT	ac20	5745	Ant1	-40.98	See test Graph	Pass
NVNT	ac20	5825	Ant1	-41.47	See test Graph	Pass
NVNT	ac40	5755	Ant1	-41.06	See test Graph	Pass
NVNT	ac40	5795	Ant1	-41.91	See test Graph	Pass



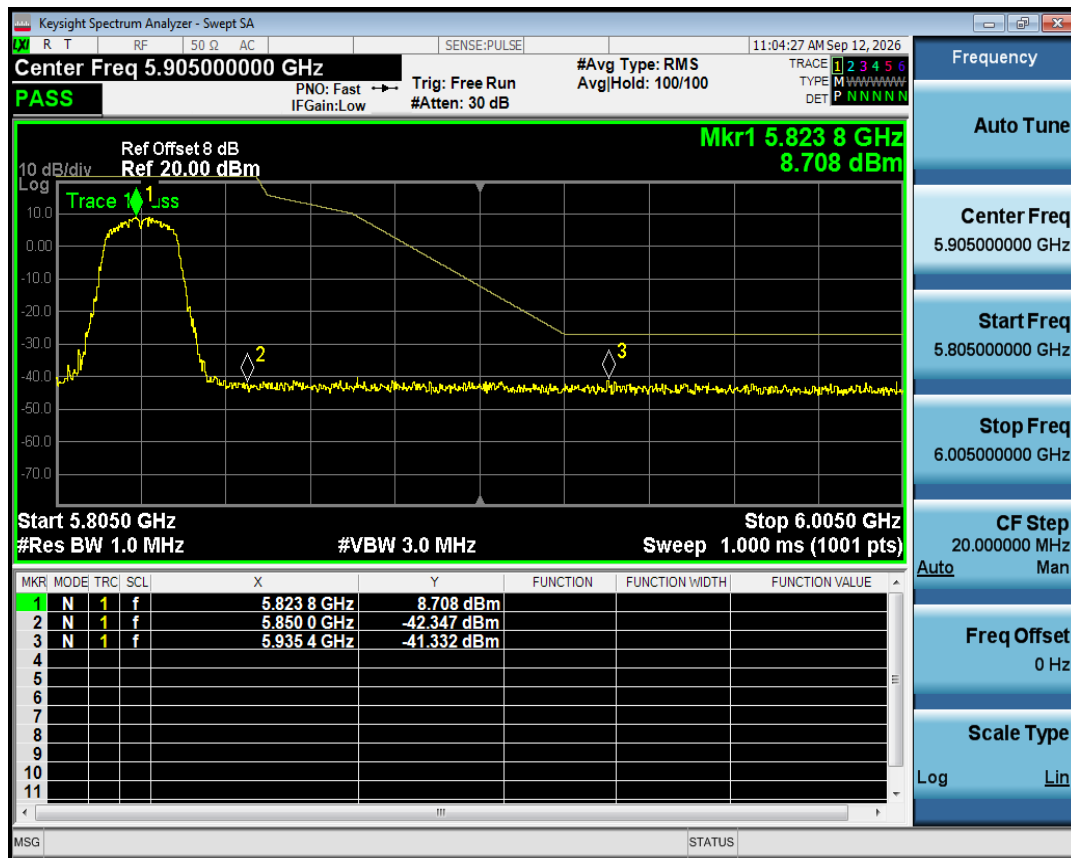
Band Edge NVNT a 5745MHz Low Ant1



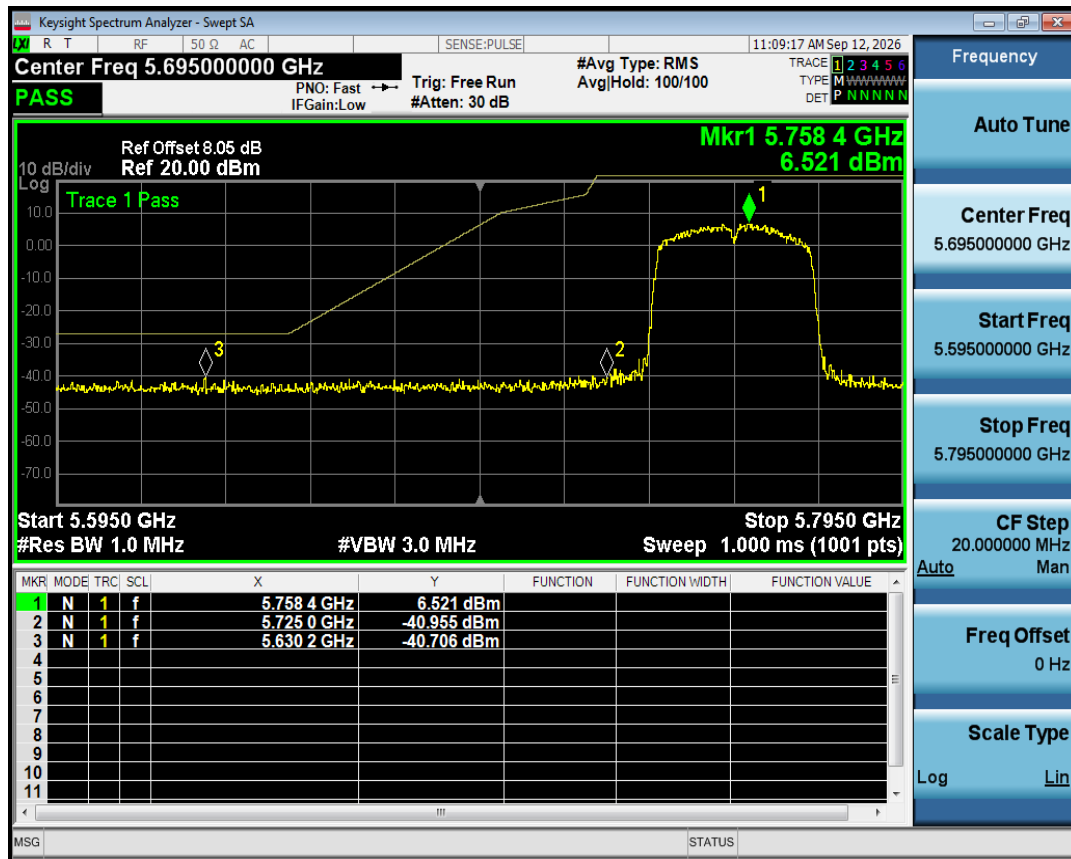
Band Edge NVNT a 5825MHz High Ant1



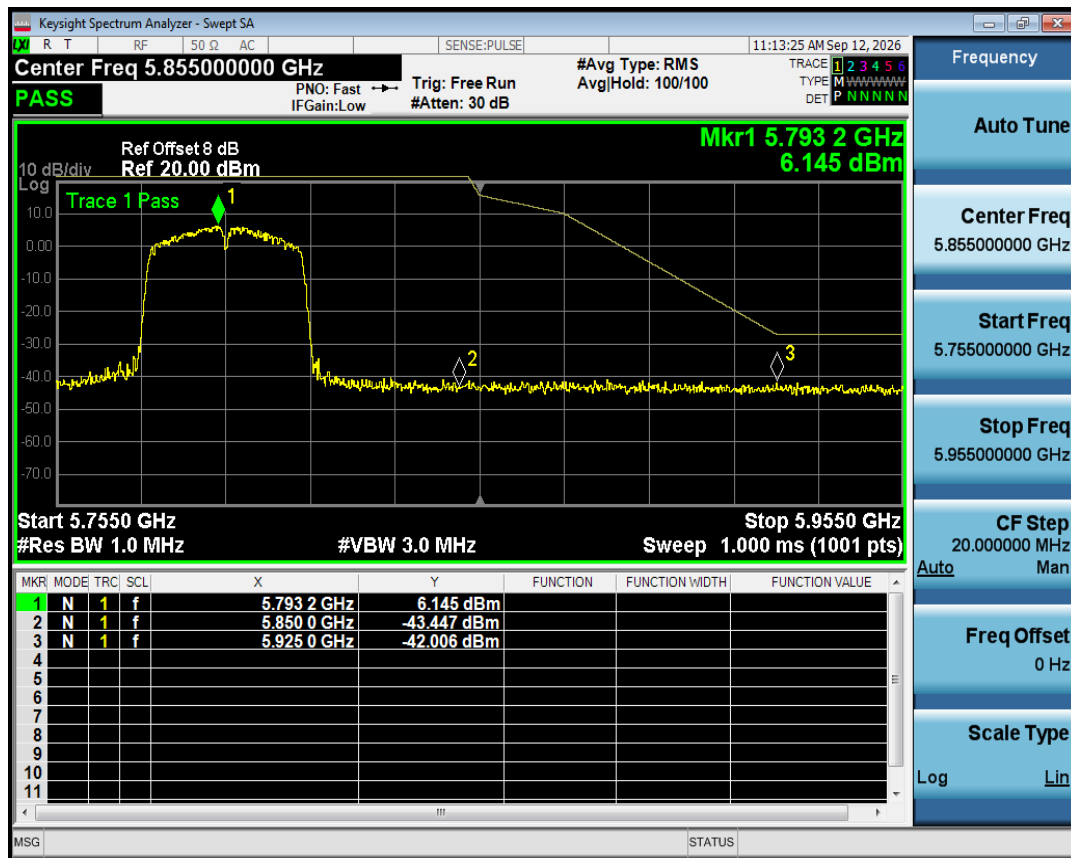
Band Edge NVNT n20 5745MHz Low Ant1



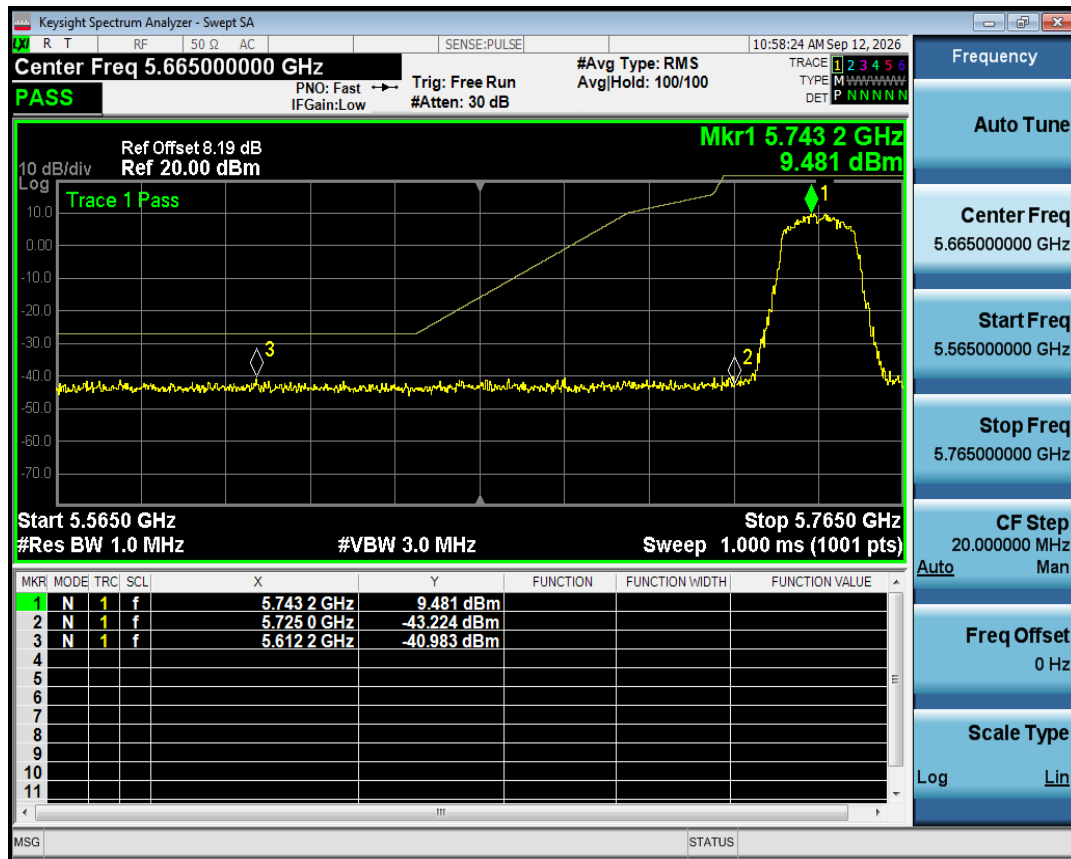
Band Edge NVNT n20 5825MHz High Ant1



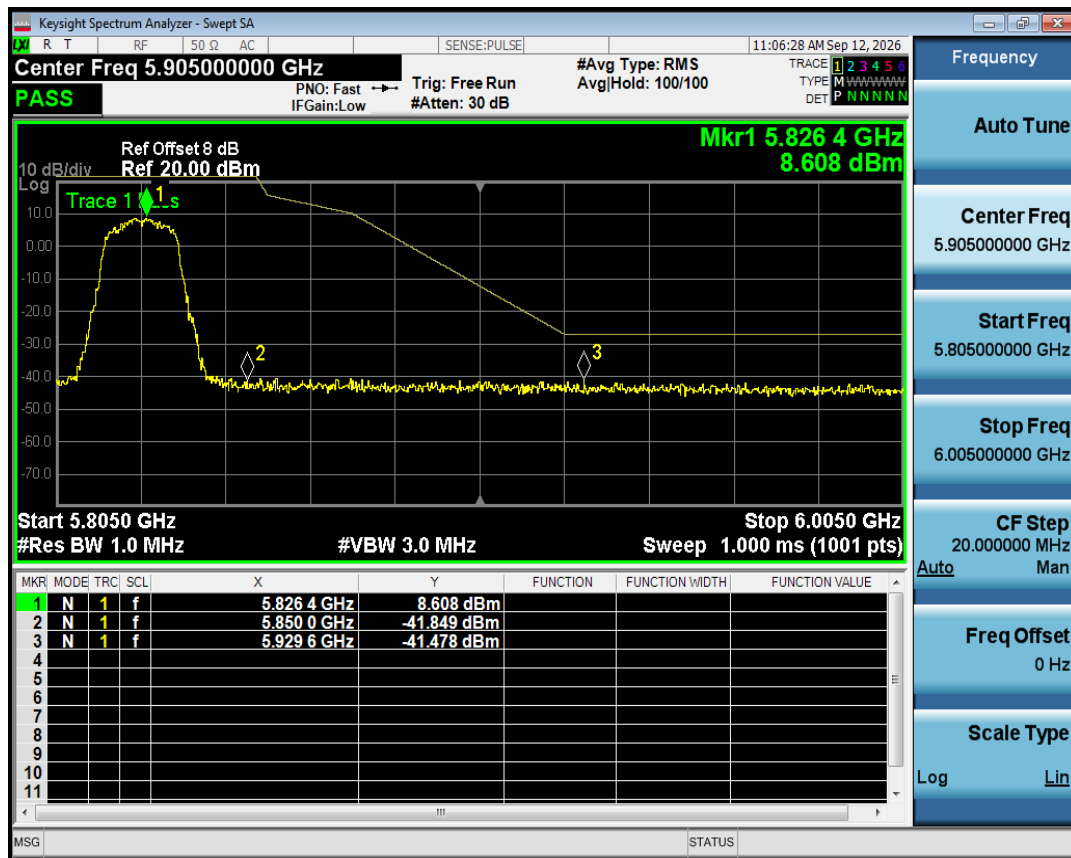
Band Edge NVNT n40 5755MHz Low Ant1



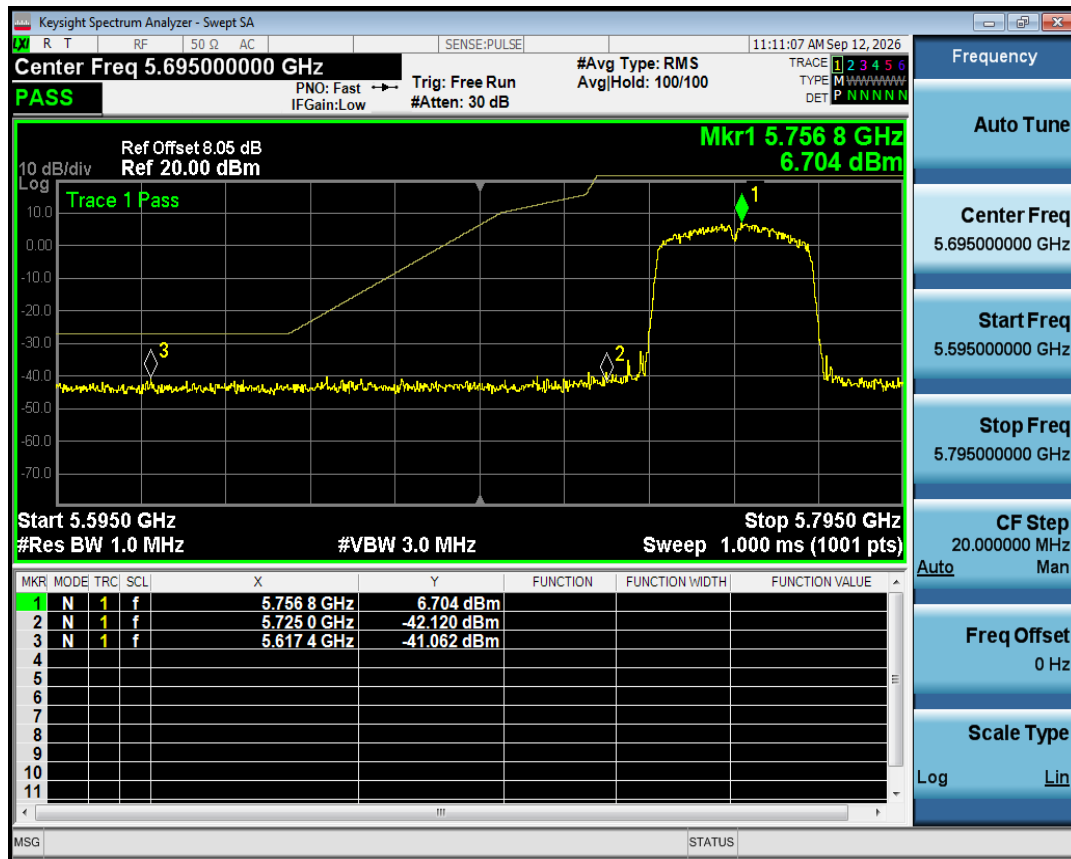
Band Edge NVNT n40 5795MHz High Ant1



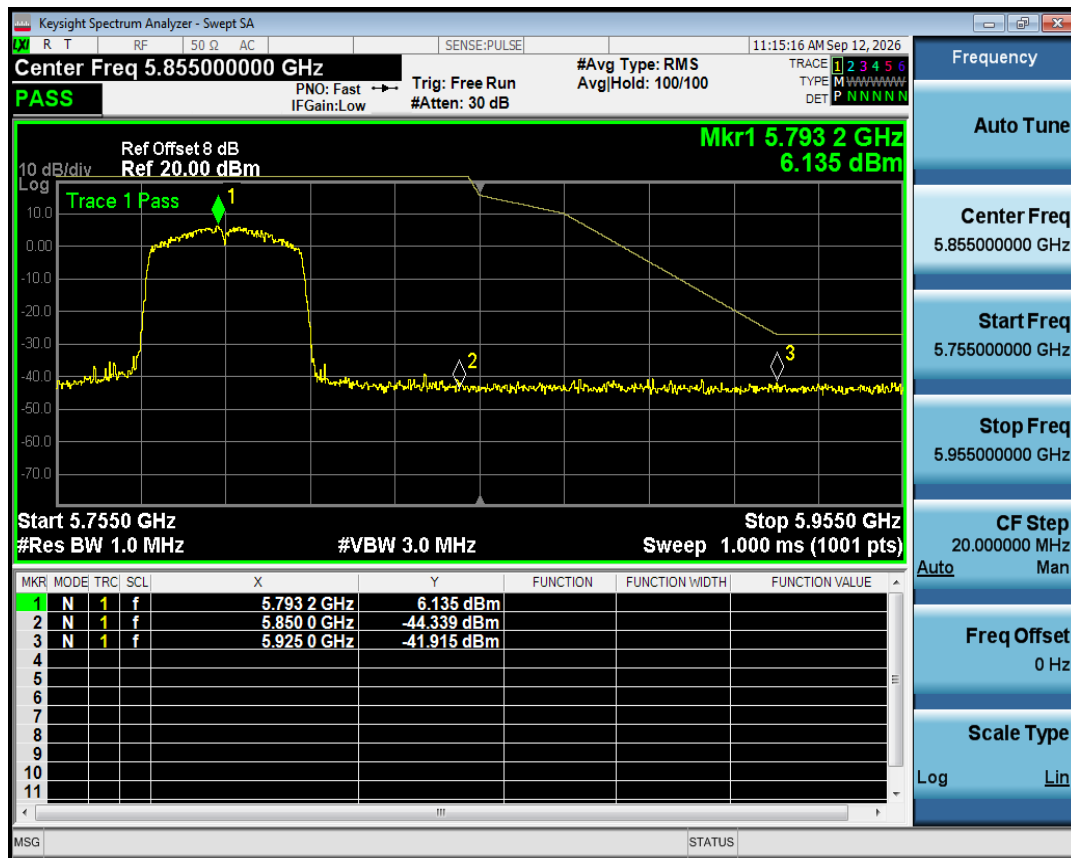
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1

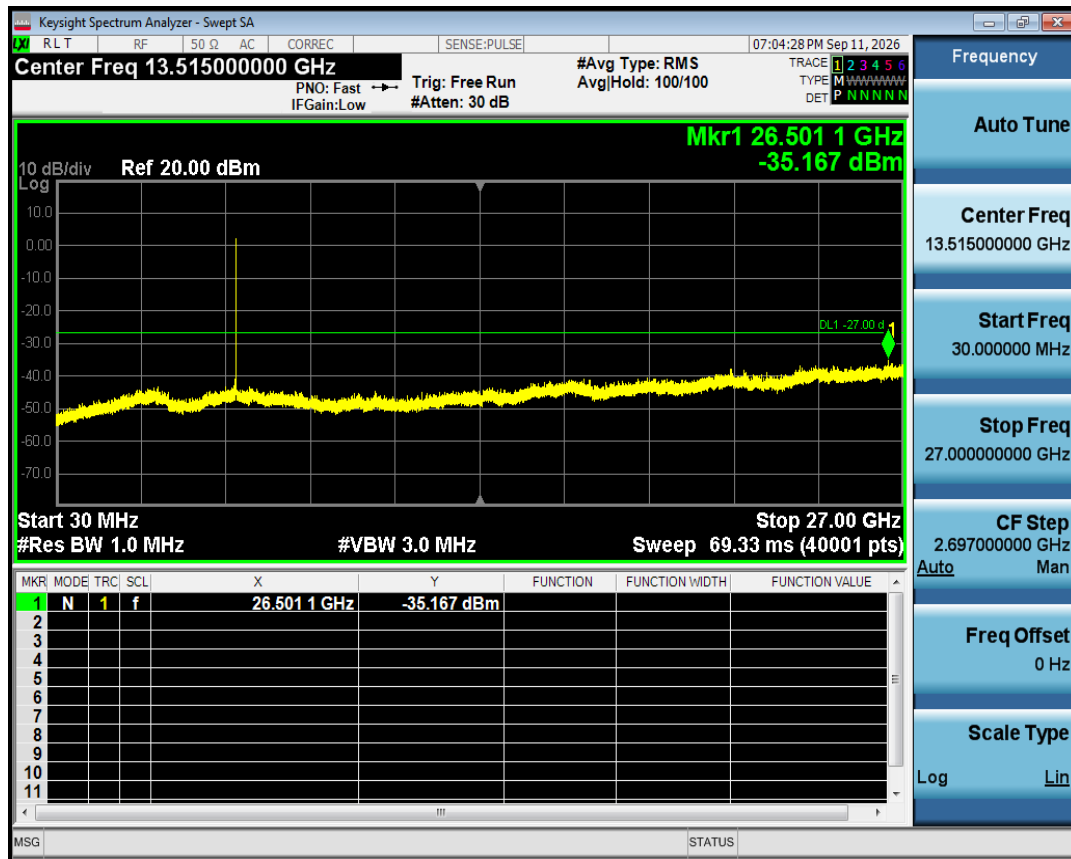


Band Edge NVNT ac40 5795MHz High Ant1

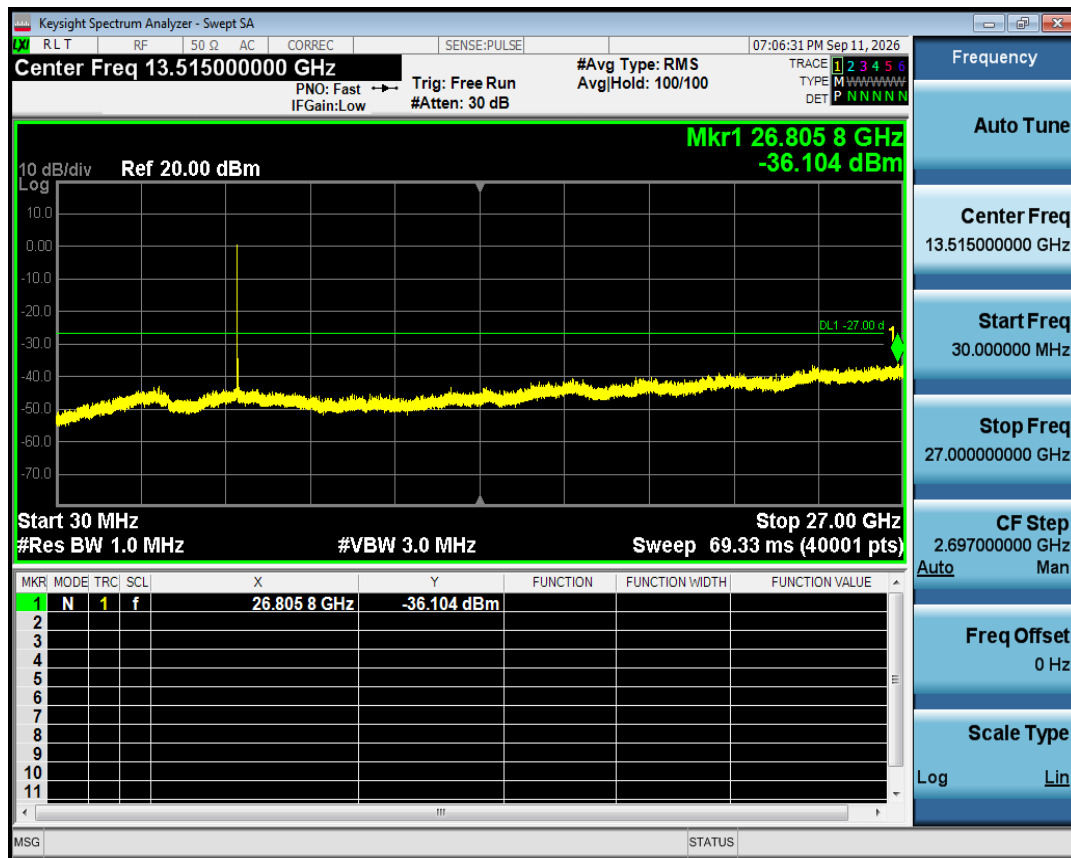
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5745	Ant1	-35.16	-27	Pass
NVNT	a	5785	Ant1	-36.1	-27	Pass
NVNT	a	5825	Ant1	-36.04	-27	Pass
NVNT	n20	5745	Ant1	-36.18	-27	Pass
NVNT	n20	5785	Ant1	-36.23	-27	Pass
NVNT	n20	5825	Ant1	-36.1	-27	Pass
NVNT	n40	5755	Ant1	-35.93	-27	Pass
NVNT	n40	5795	Ant1	-35.86	-27	Pass
NVNT	ac20	5745	Ant1	-36	-27	Pass
NVNT	ac20	5785	Ant1	-35.93	-27	Pass
NVNT	ac20	5825	Ant1	-36.2	-27	Pass
NVNT	ac40	5755	Ant1	-36.34	-27	Pass
NVNT	ac40	5795	Ant1	-36.23	-27	Pass

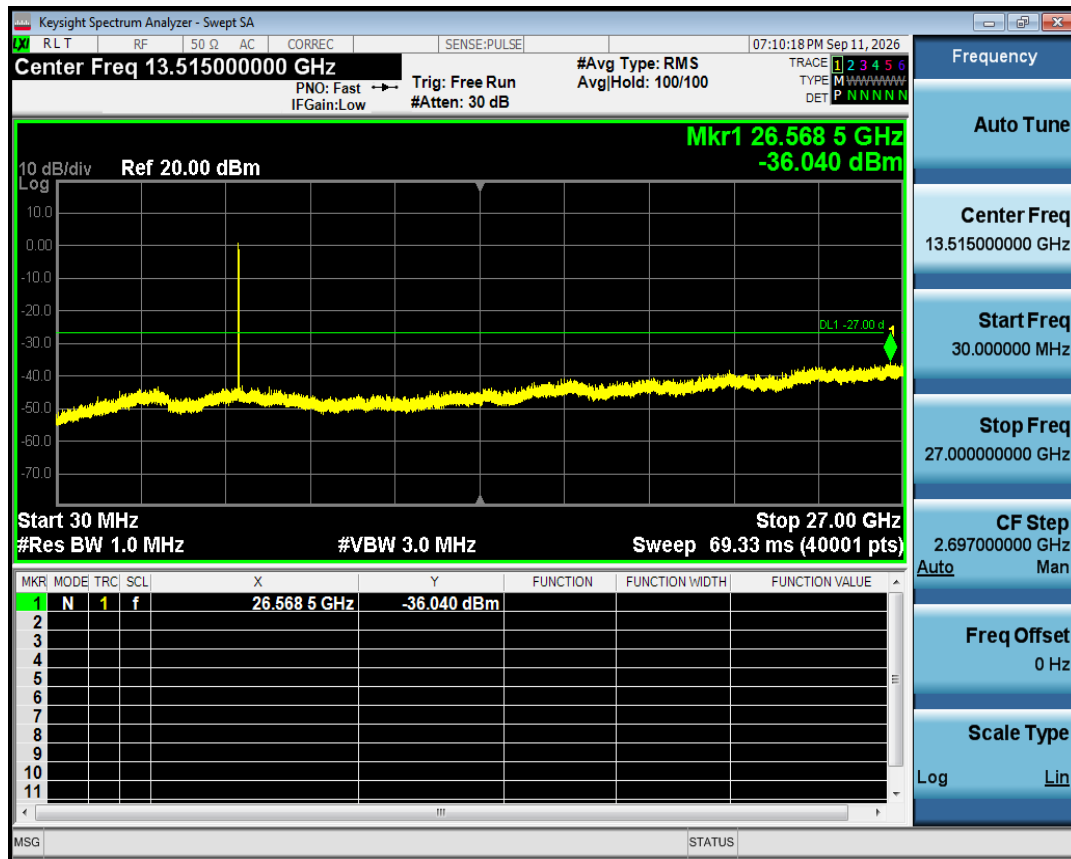
Note: During testing, the spectrum analyzer's Input Correction function was enabled to compensate for the test cable loss between the EUT and the measurement equipment.



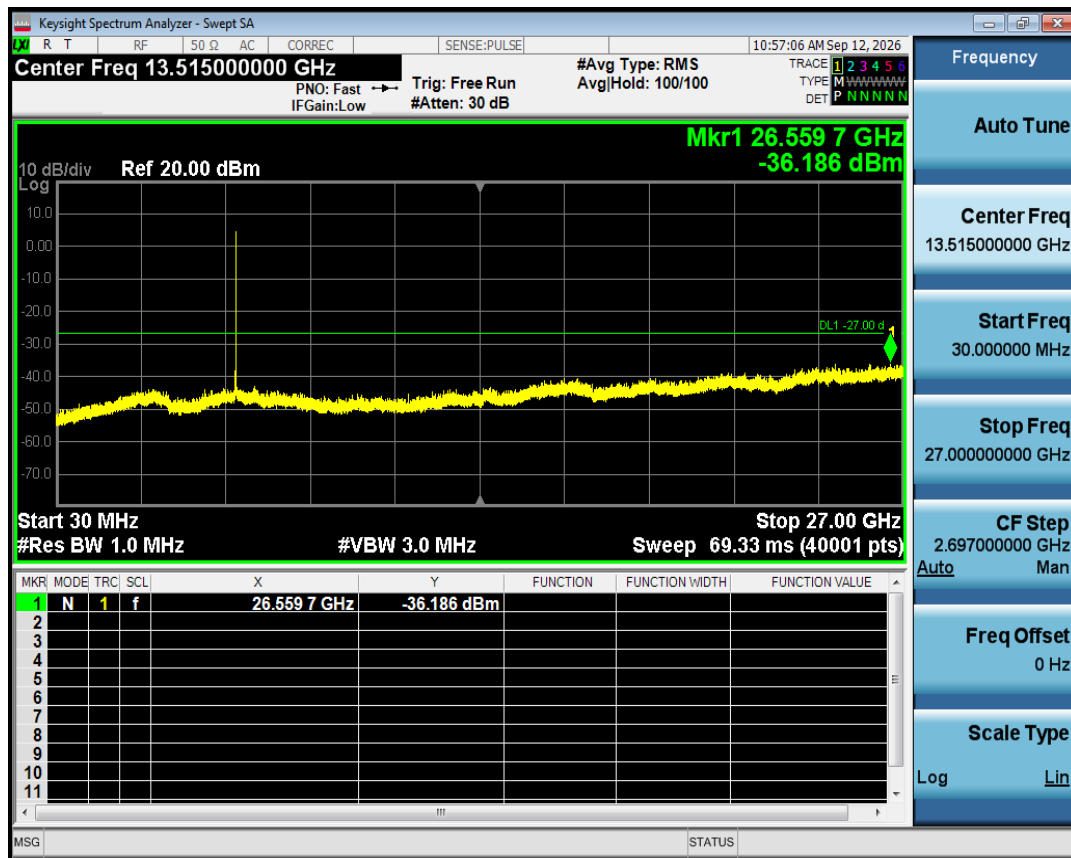
Tx. Spurious NVNT a 5745MHz Ant1 Emission



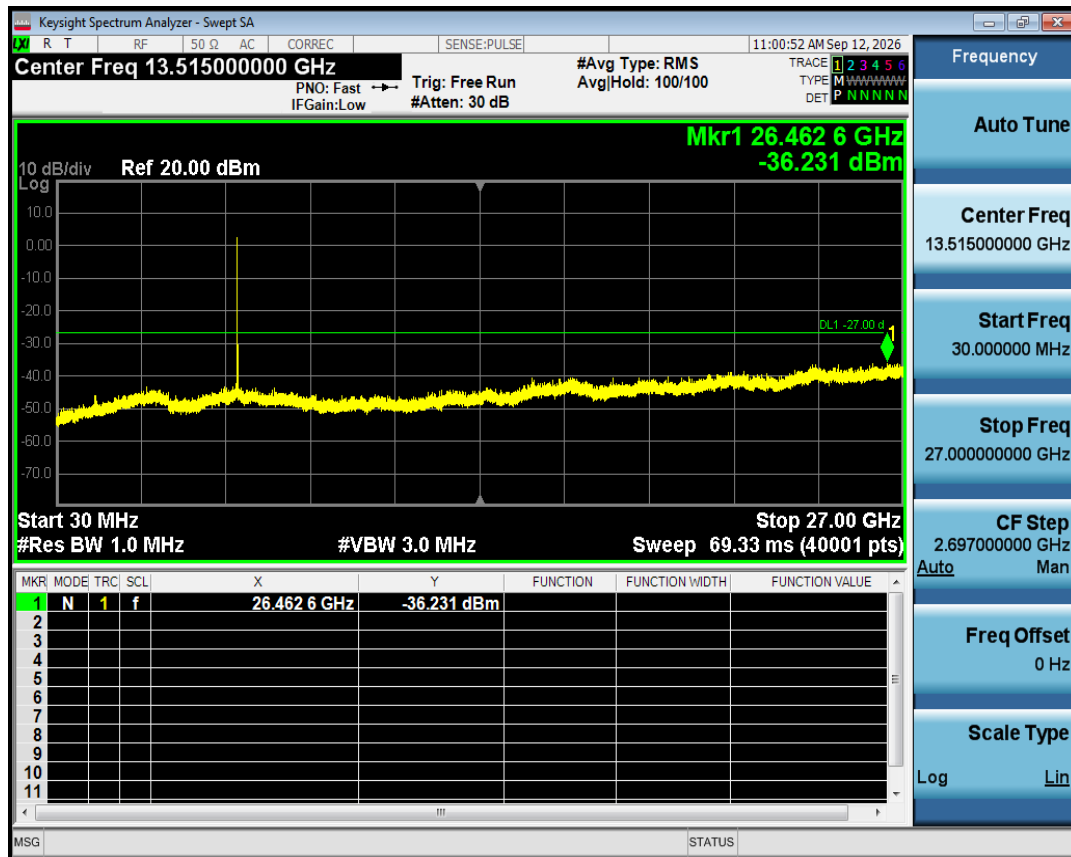
Tx. Spurious NVNT a 5785MHz Ant1 Emission



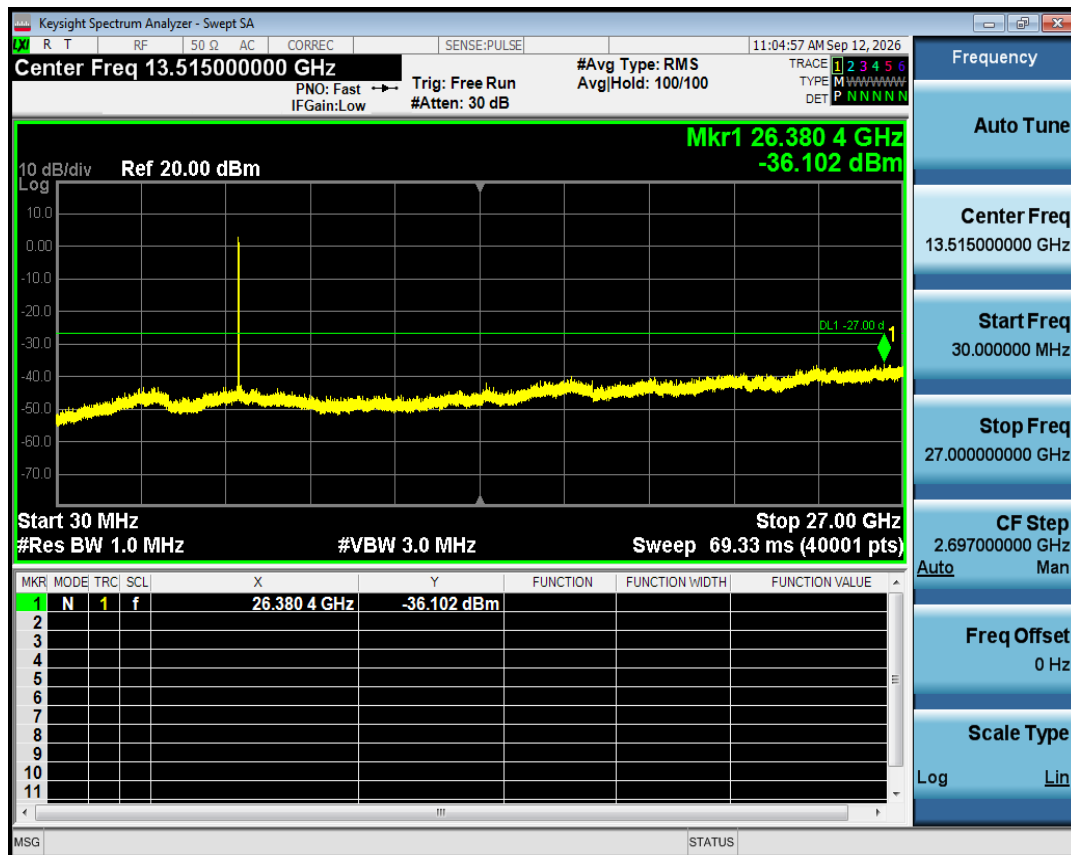
Tx. Spurious NVNT a 5825MHz Ant1 Emission



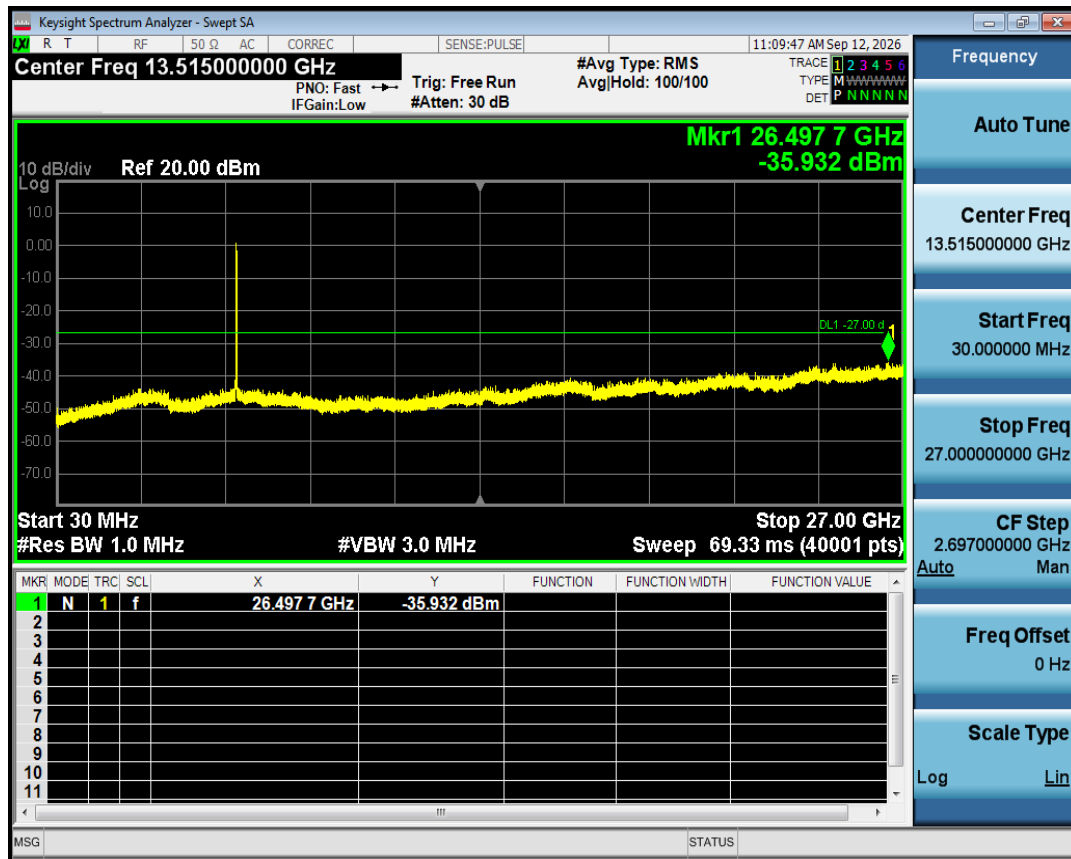
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



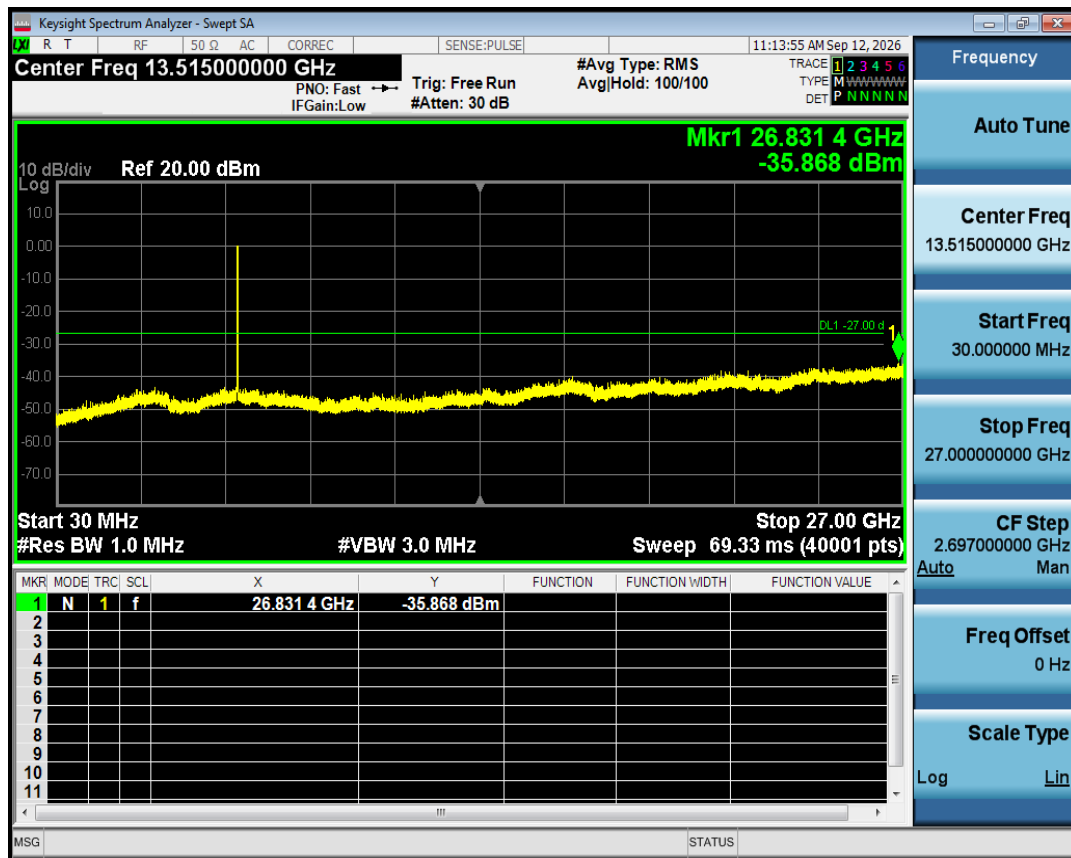
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



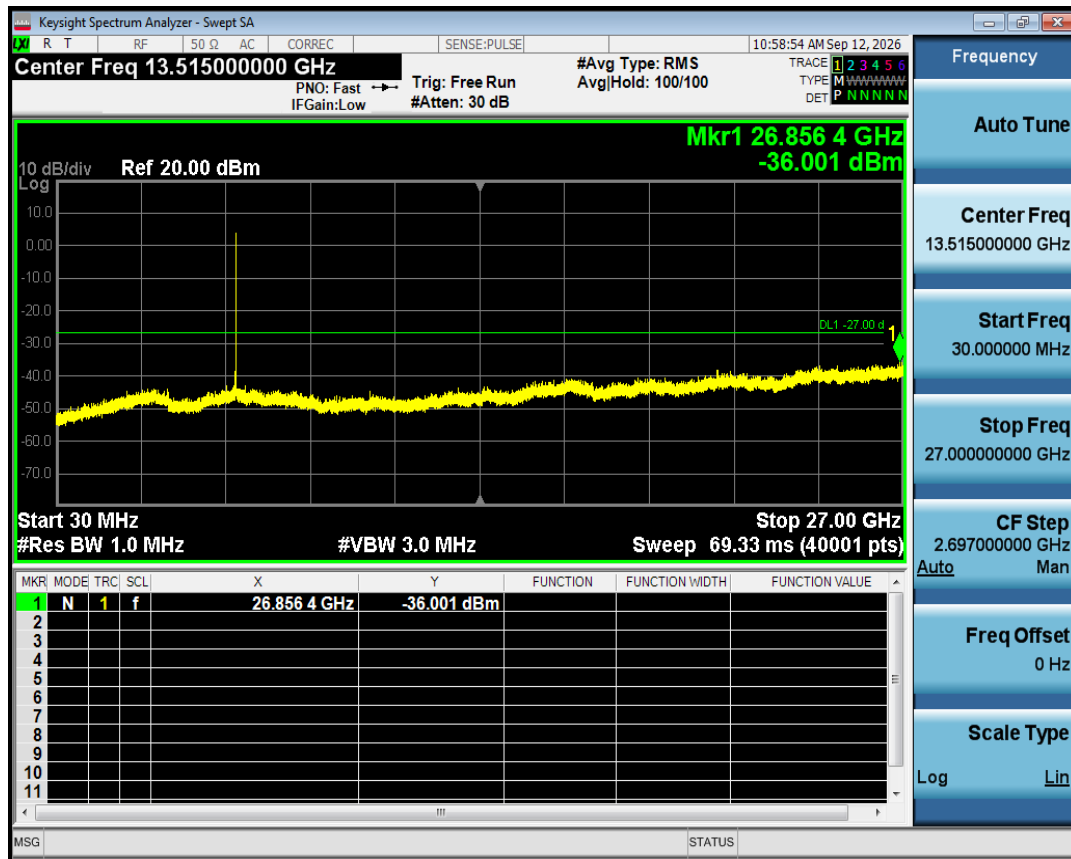
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



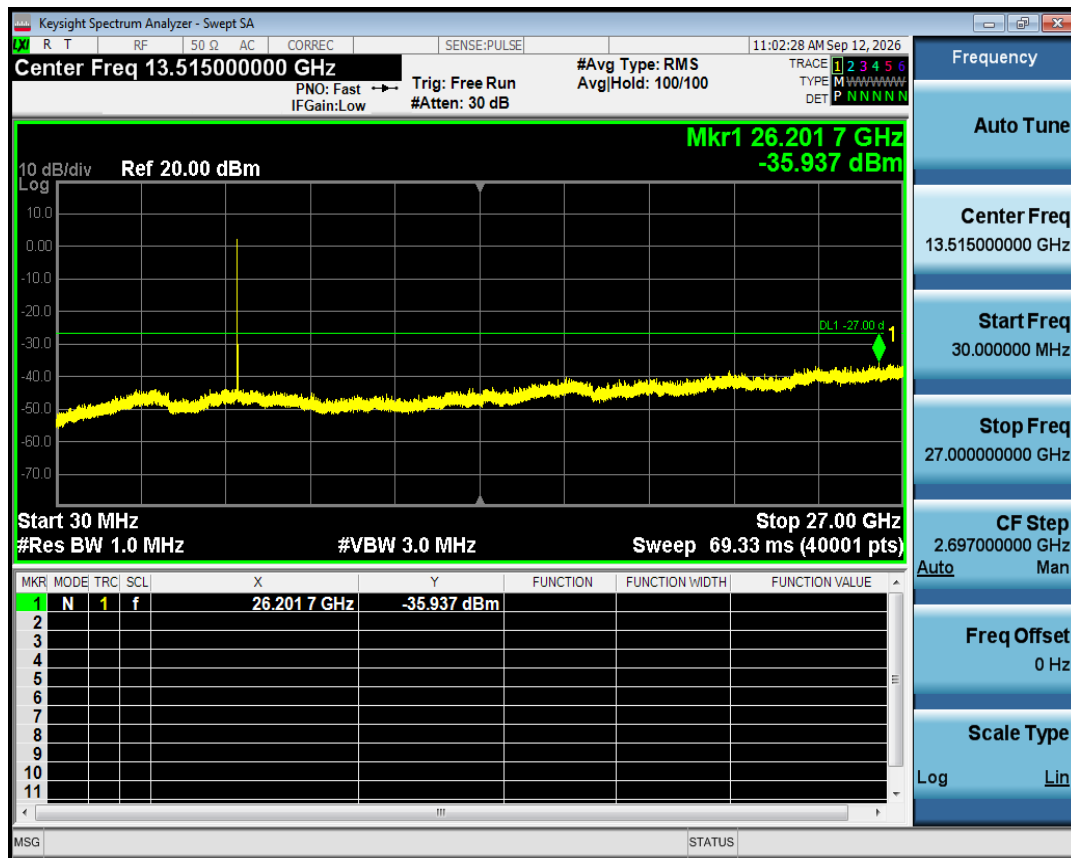
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



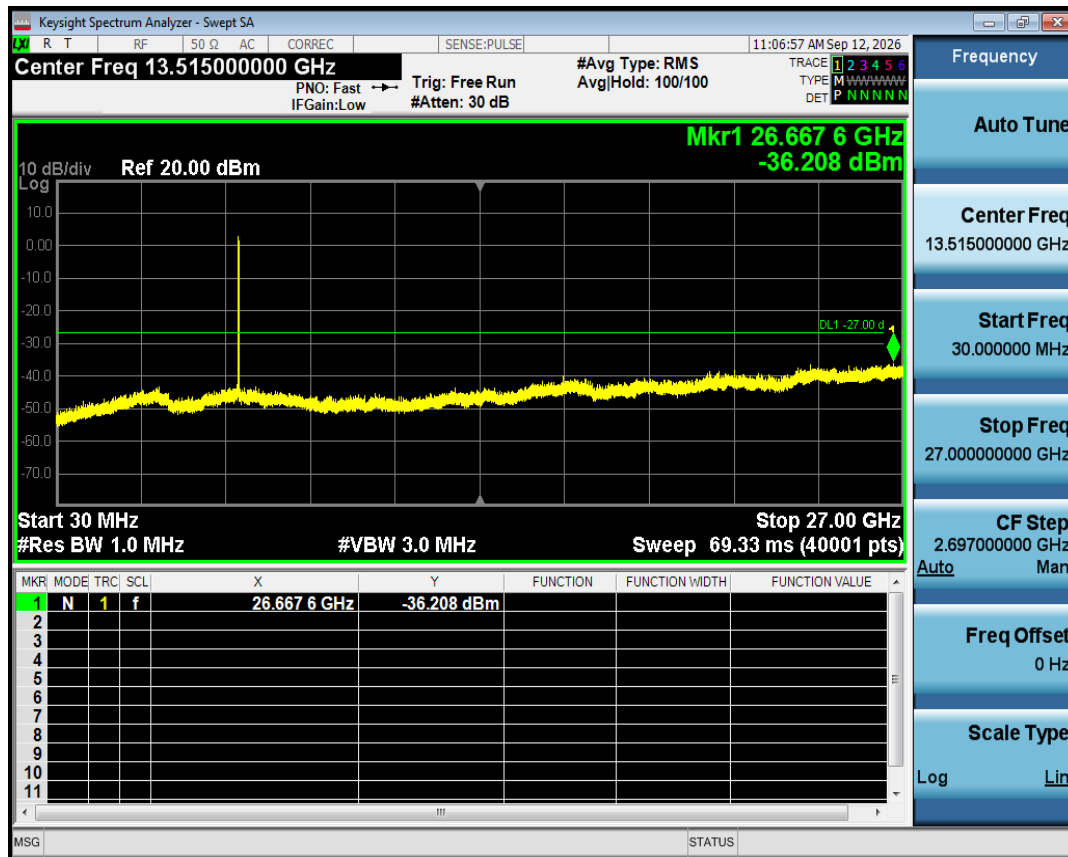
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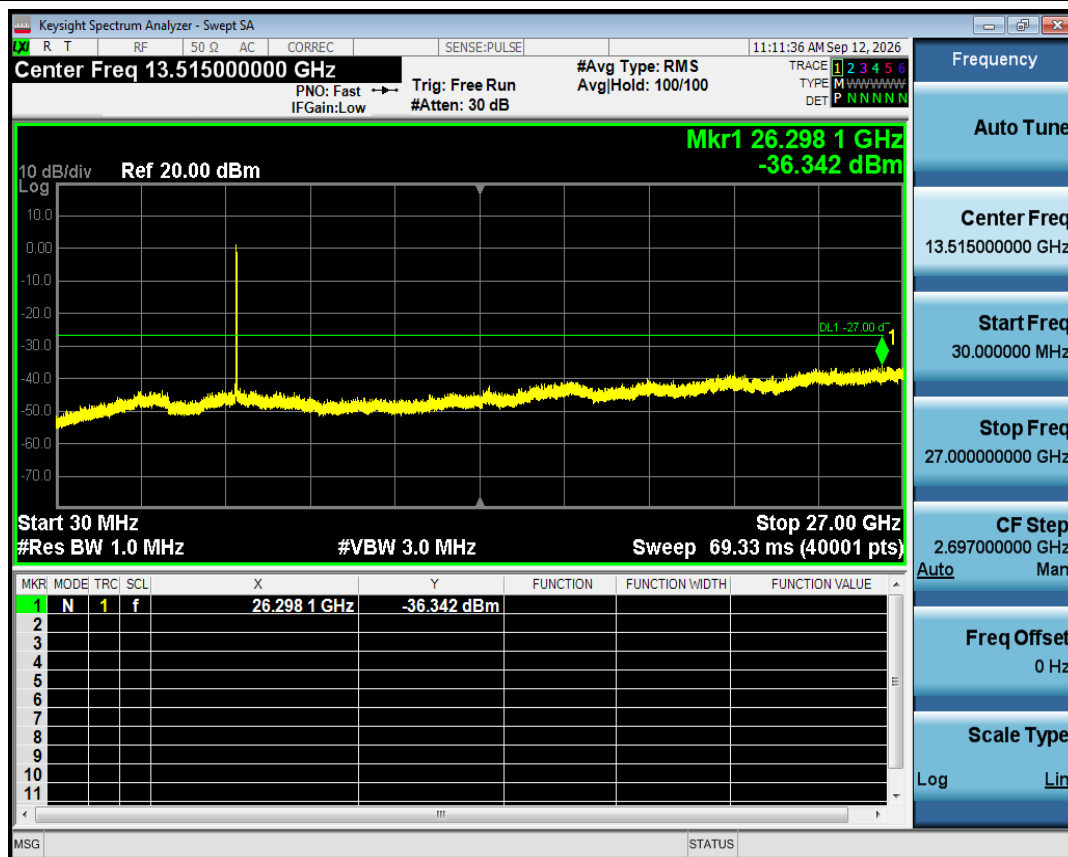
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission

