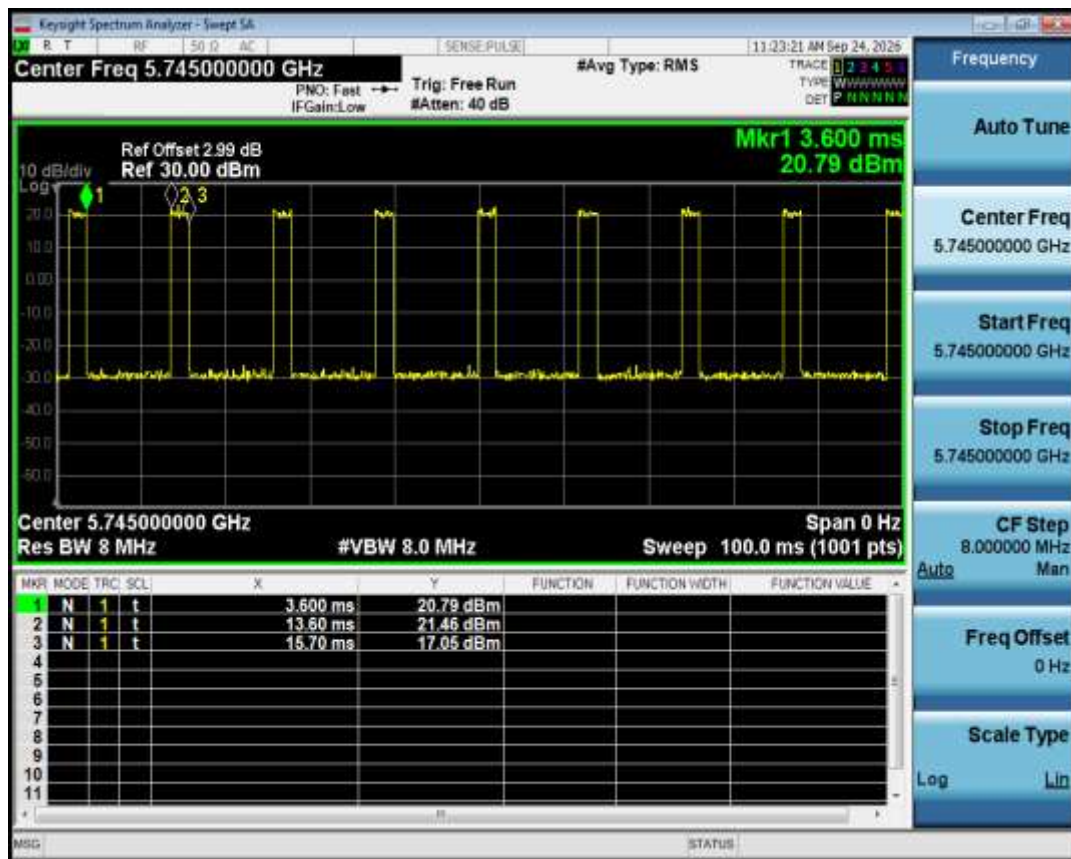


RF Test Data

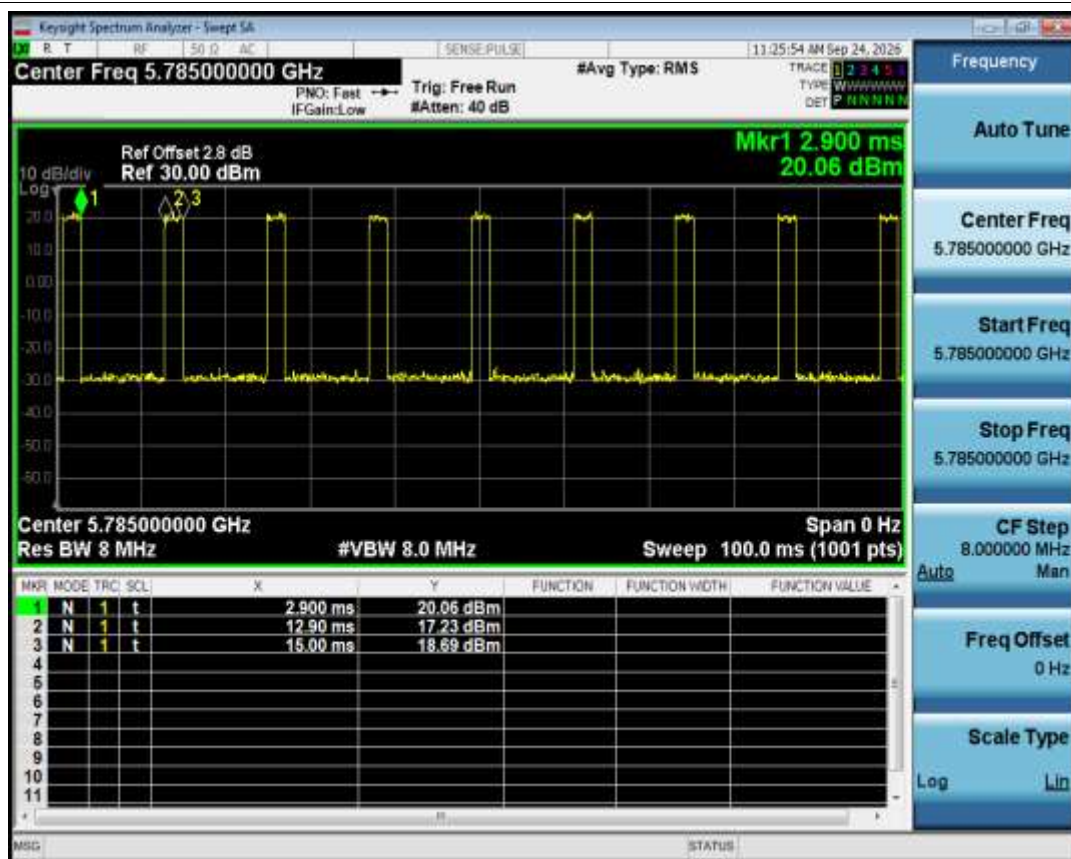
Duty Cycle	2
Maximum Conducted Output Power	10
-6dB Bandwidth	11
Occupied Channel Bandwidth	19
Maximum Power Spectral Density Level.....	27
Band Edge.....	35
Conducted RF Spurious Emission	41

Duty Cycle

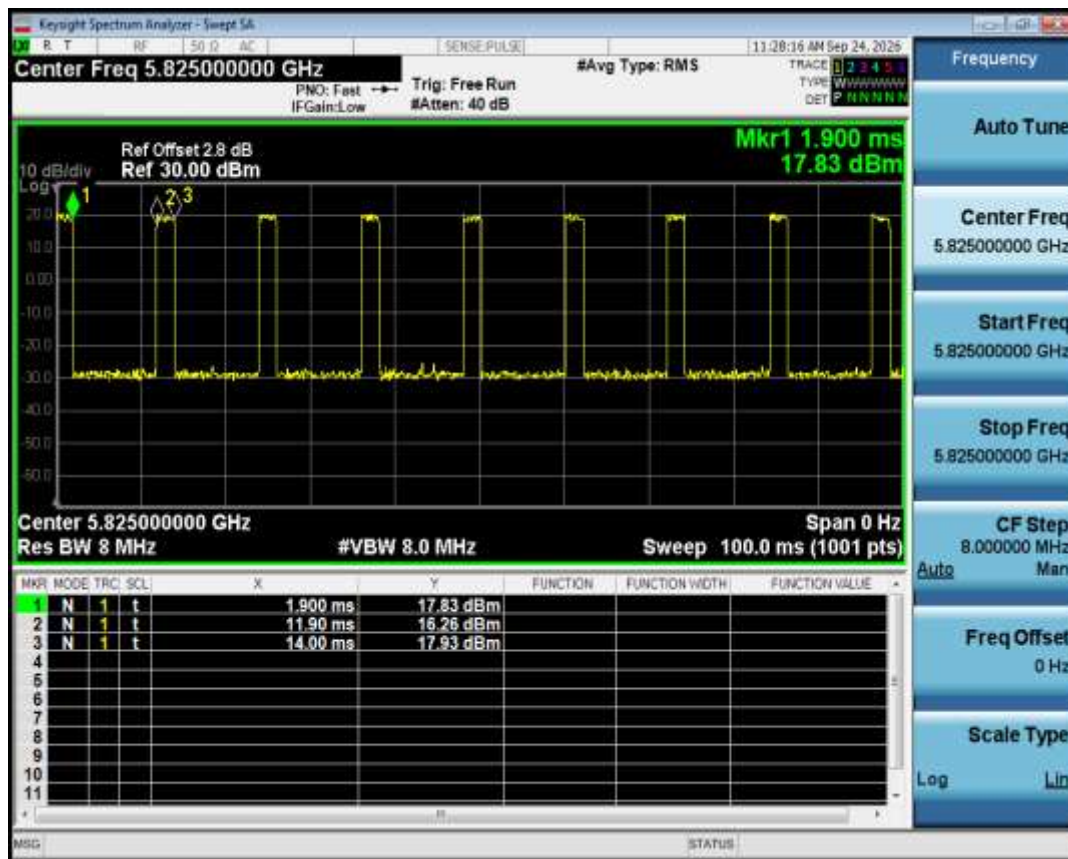
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	17.36	7.61	0.48
NVNT	a	5785	Ant1	17.36	7.61	0.48
NVNT	a	5825	Ant1	17.36	7.61	0.48
NVNT	n20	5745	Ant1	5.19	12.85	1.82
NVNT	n20	5785	Ant1	4.74	13.24	2
NVNT	n20	5825	Ant1	4.74	13.24	2
NVNT	n40	5755	Ant1	5.66	12.47	1.67
NVNT	n40	5795	Ant1	4.76	13.22	2
NVNT	ac20	5745	Ant1	5.11	12.91	1.85
NVNT	ac20	5785	Ant1	5.38	12.69	1.75
NVNT	ac20	5825	Ant1	5.11	12.91	1.85
NVNT	ac40	5755	Ant1	4.72	13.26	2
NVNT	ac40	5795	Ant1	4.76	13.22	2



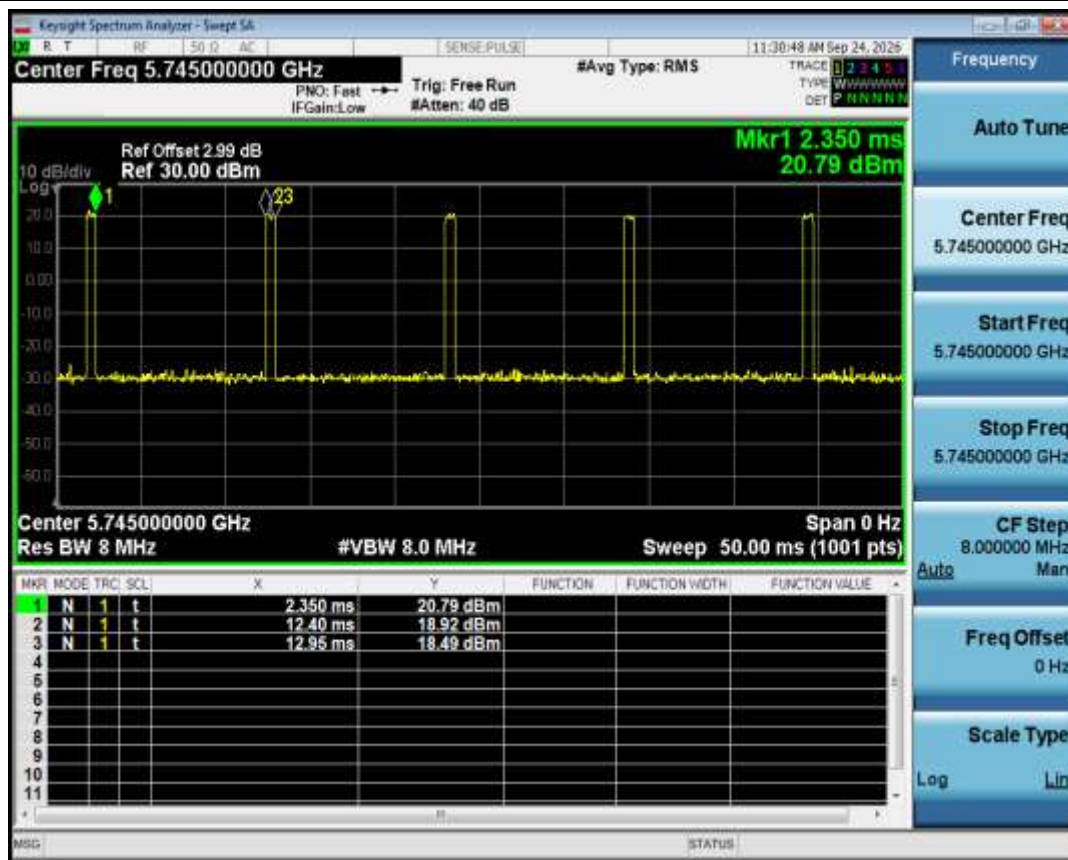
Duty Cycle NVNT a 5745MHz Ant1



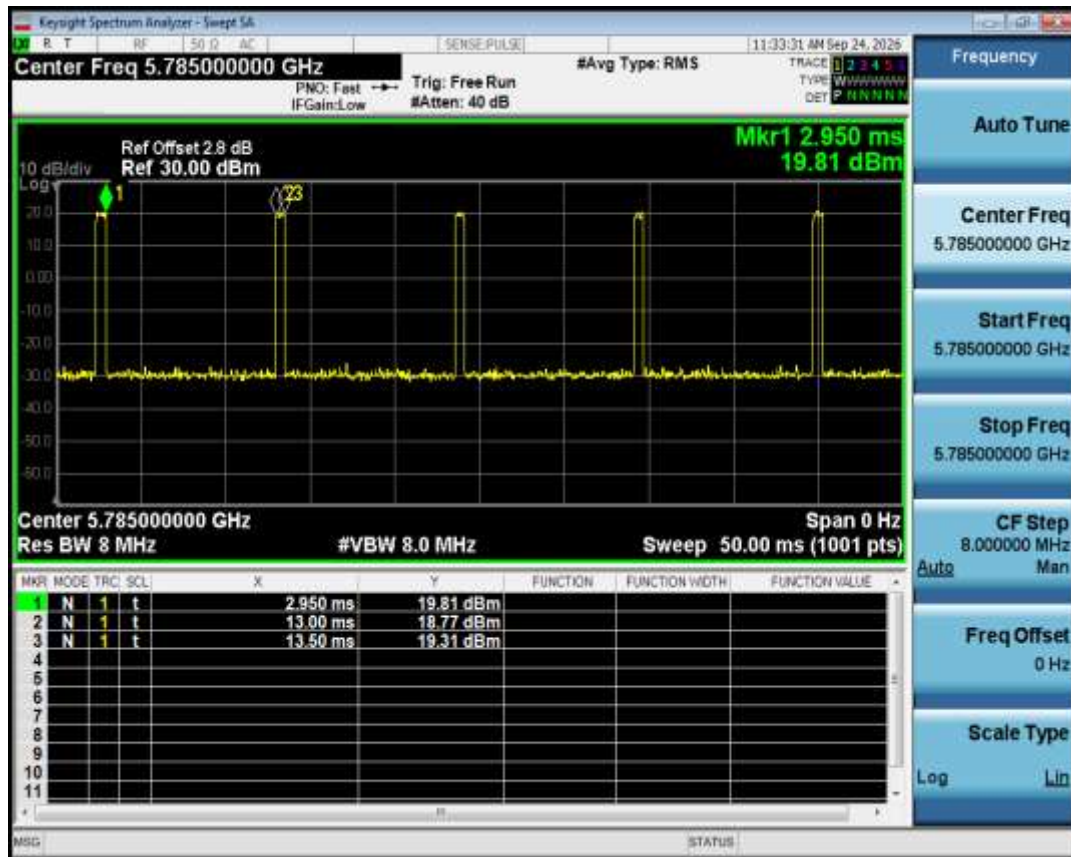
Duty Cycle NVNT a 5785MHz Ant1



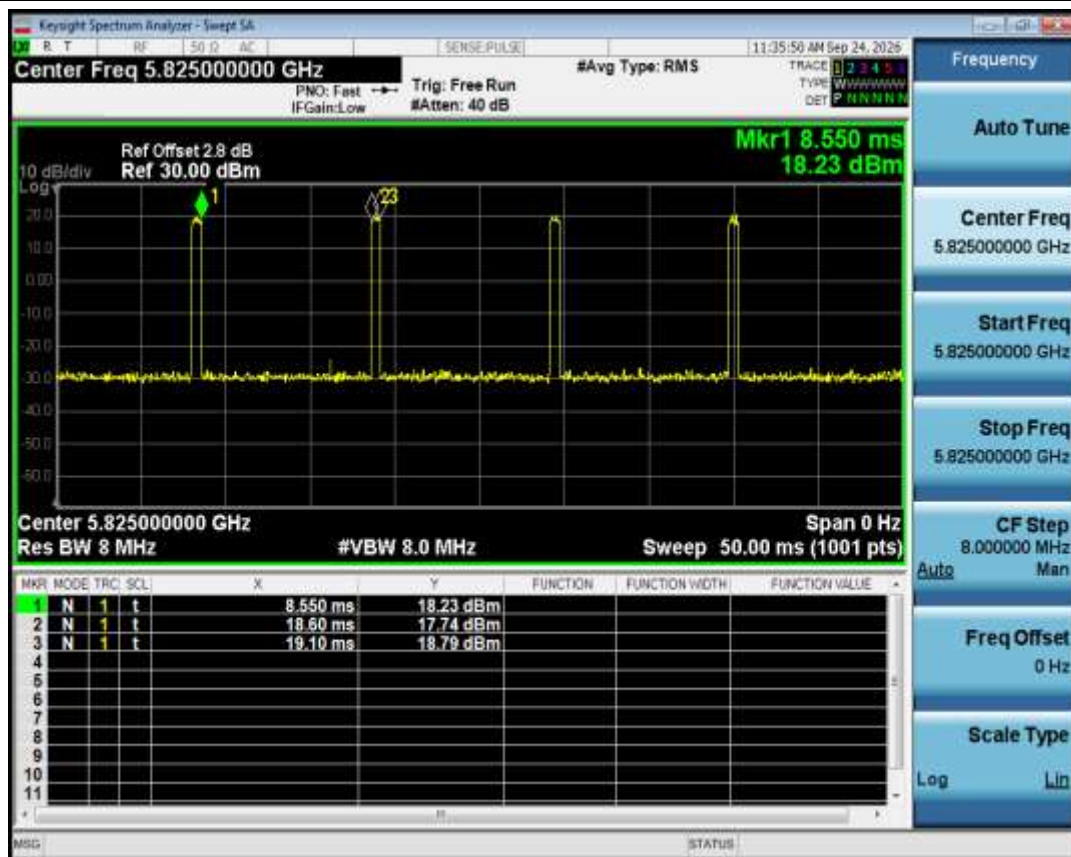
Duty Cycle NVNT a 5825MHz Ant1



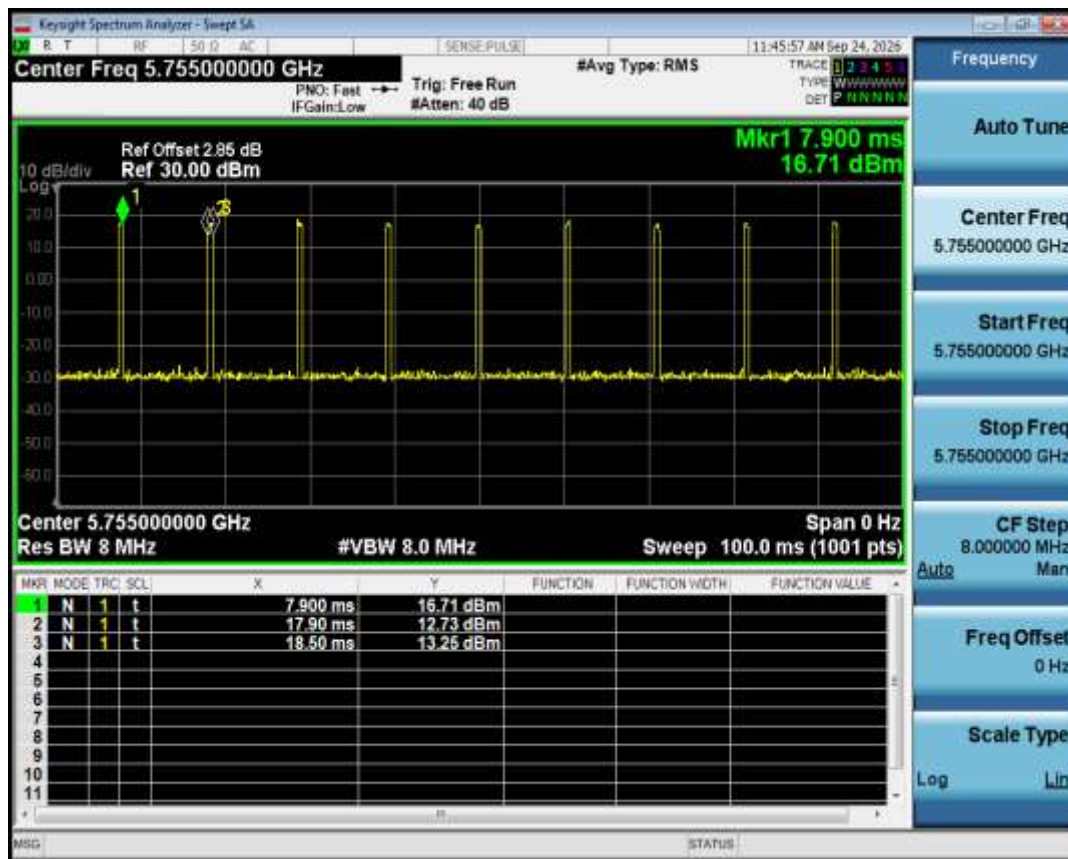
Duty Cycle NVNT n20 5745MHz Ant1



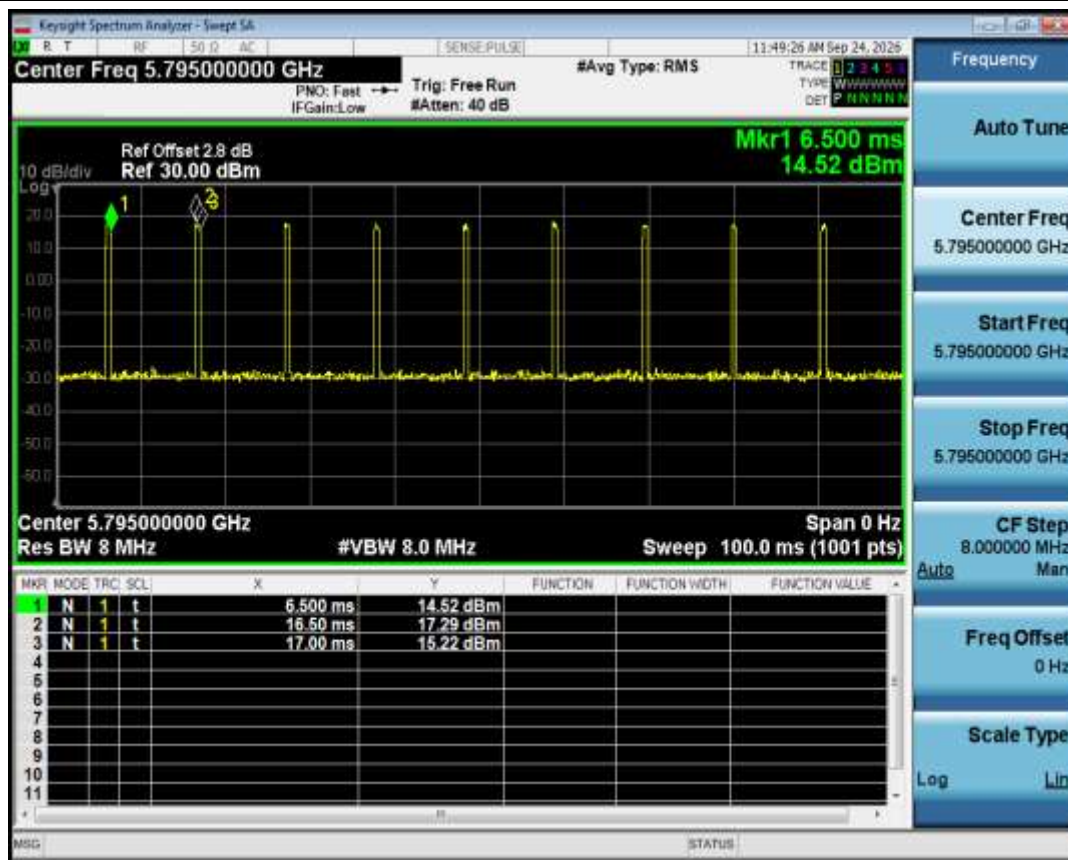
Duty Cycle NVNT n20 5785MHz Ant1



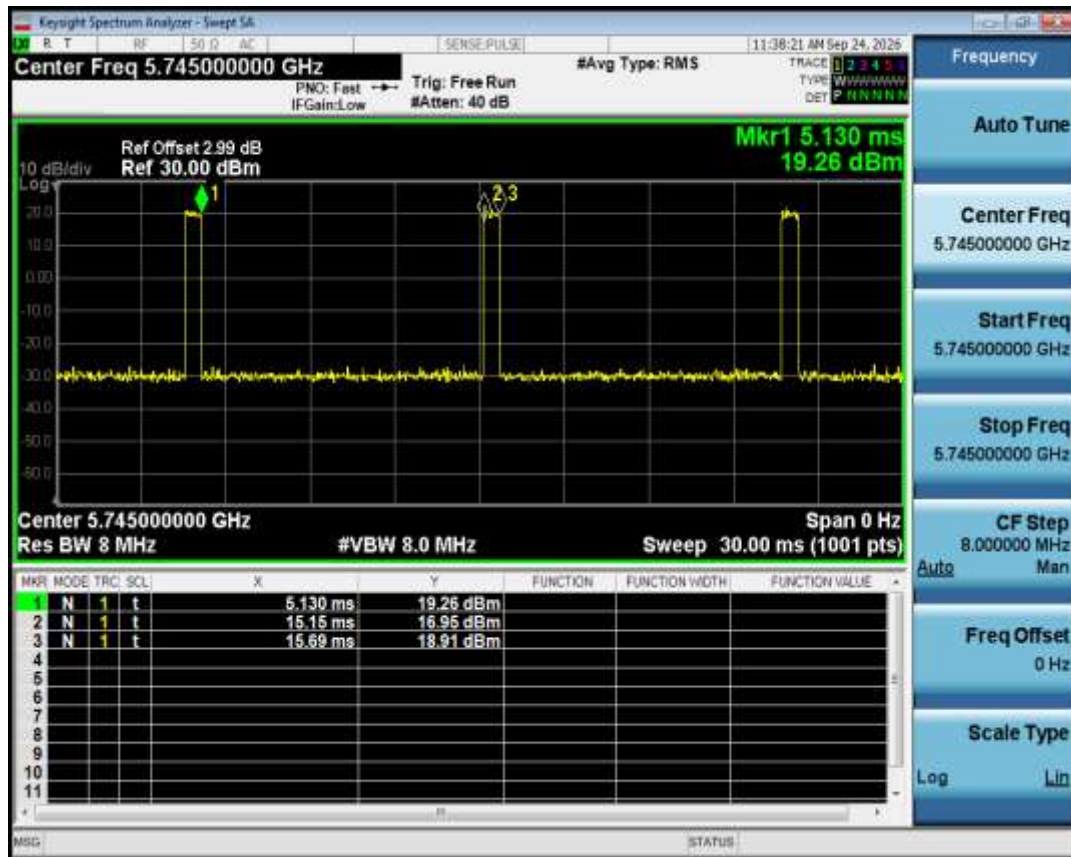
Duty Cycle NVNT n20 5825MHz Ant1



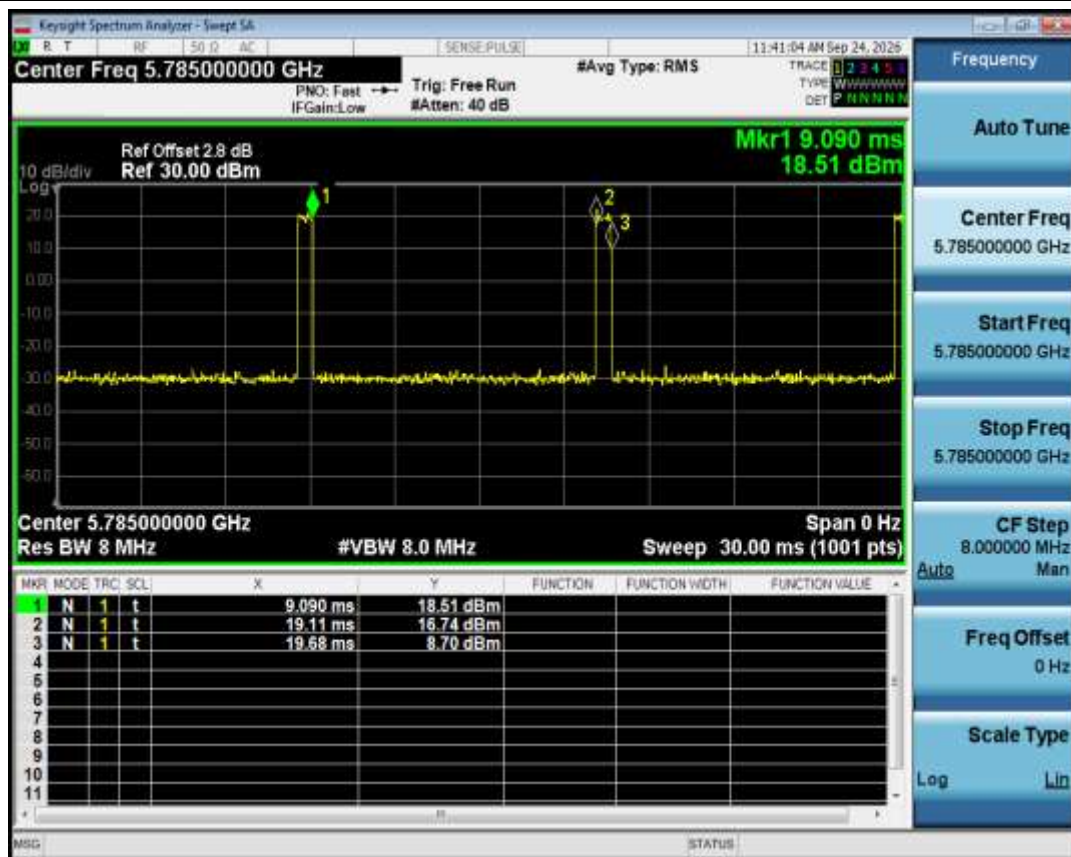
Duty Cycle NVNT n40 5755MHz Ant1



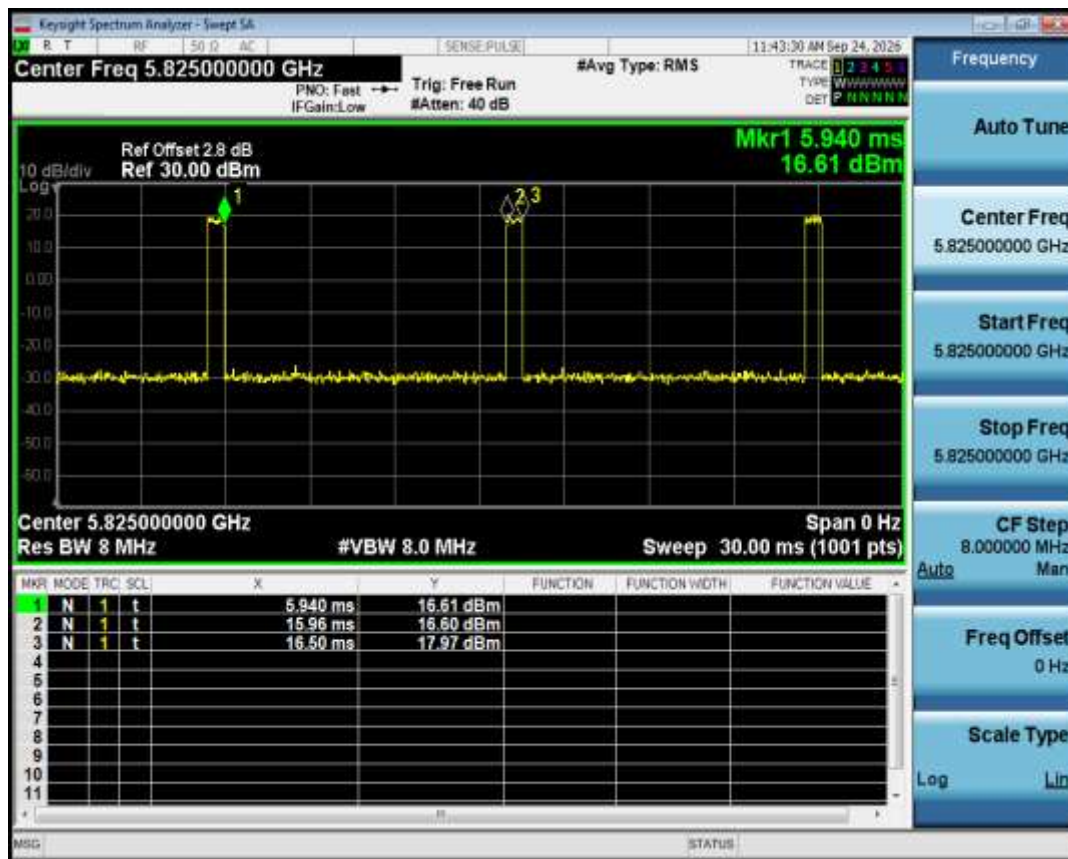
Duty Cycle NVNT n40 5795MHz Ant1



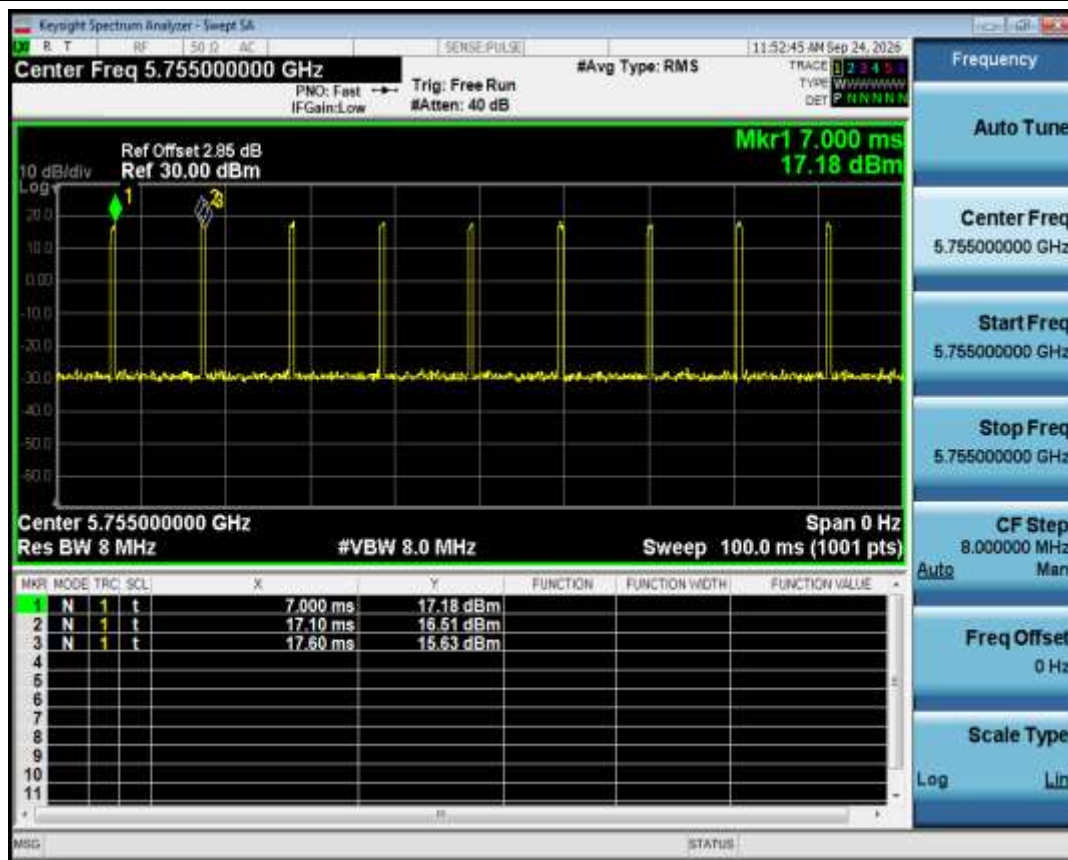
Duty Cycle NVNT ac20 5745MHz Ant1



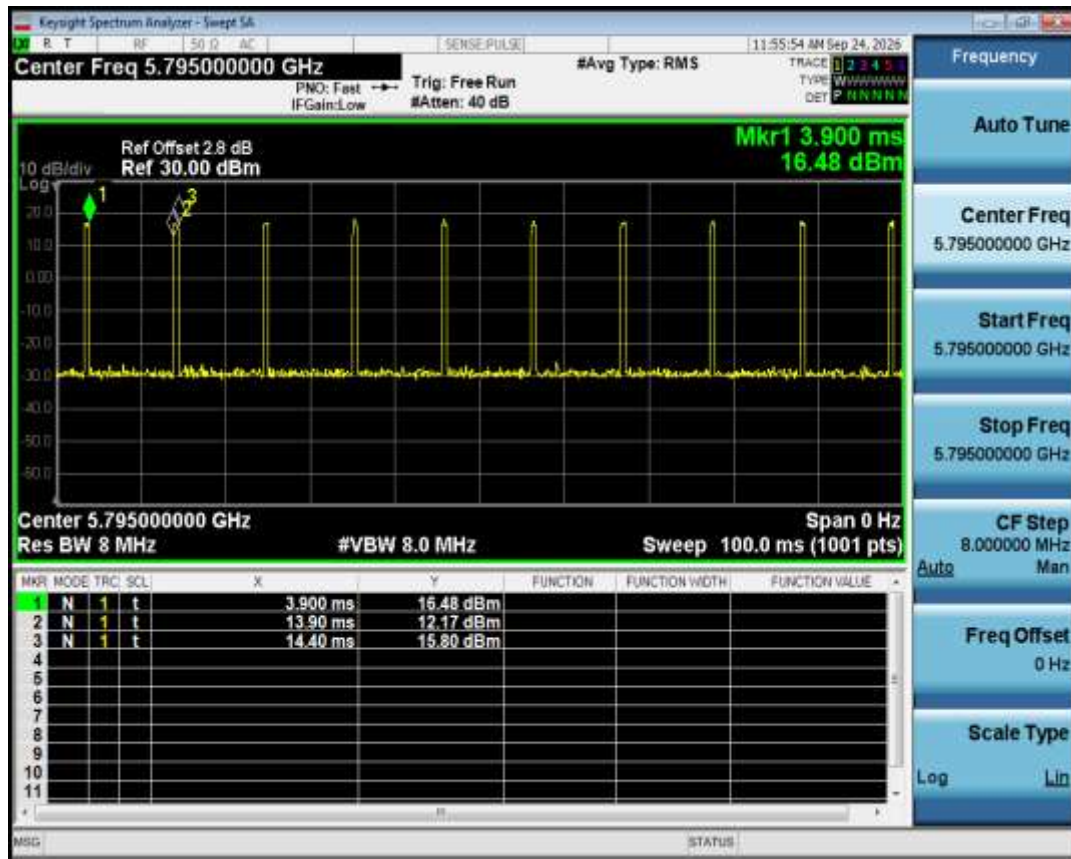
Duty Cycle NVNT ac20 5785MHz Ant1



Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	15.05	0.03199	30	Pass
NVNT	a	5785	Ant1	15.18	0.03296	30	Pass
NVNT	a	5825	Ant1	14.47	0.02799	30	Pass
NVNT	n20	5745	Ant1	15.26	0.03357	30	Pass
NVNT	n20	5785	Ant1	15.33	0.03412	30	Pass
NVNT	n20	5825	Ant1	14.72	0.02965	30	Pass
NVNT	n40	5755	Ant1	15.2	0.03311	30	Pass
NVNT	n40	5795	Ant1	15.16	0.03281	30	Pass
NVNT	ac20	5745	Ant1	15.2	0.03311	30	Pass
NVNT	ac20	5785	Ant1	15.34	0.0342	30	Pass
NVNT	ac20	5825	Ant1	14.69	0.02944	30	Pass
NVNT	ac40	5755	Ant1	15.14	0.03266	30	Pass
NVNT	ac40	5795	Ant1	15.12	0.03251	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.35	0.5	Pass
NVNT	a	5785	Ant1	16.37	0.5	Pass
NVNT	a	5825	Ant1	16.32	0.5	Pass
NVNT	n20	5745	Ant1	17.65	0.5	Pass
NVNT	n20	5785	Ant1	17.73	0.5	Pass
NVNT	n20	5825	Ant1	17.59	0.5	Pass
NVNT	n40	5755	Ant1	36.34	0.5	Pass
NVNT	n40	5795	Ant1	36.4	0.5	Pass
NVNT	ac20	5745	Ant1	17.57	0.5	Pass
NVNT	ac20	5785	Ant1	17.67	0.5	Pass
NVNT	ac20	5825	Ant1	17.63	0.5	Pass
NVNT	ac40	5755	Ant1	36.44	0.5	Pass
NVNT	ac40	5795	Ant1	36.06	0.5	Pass



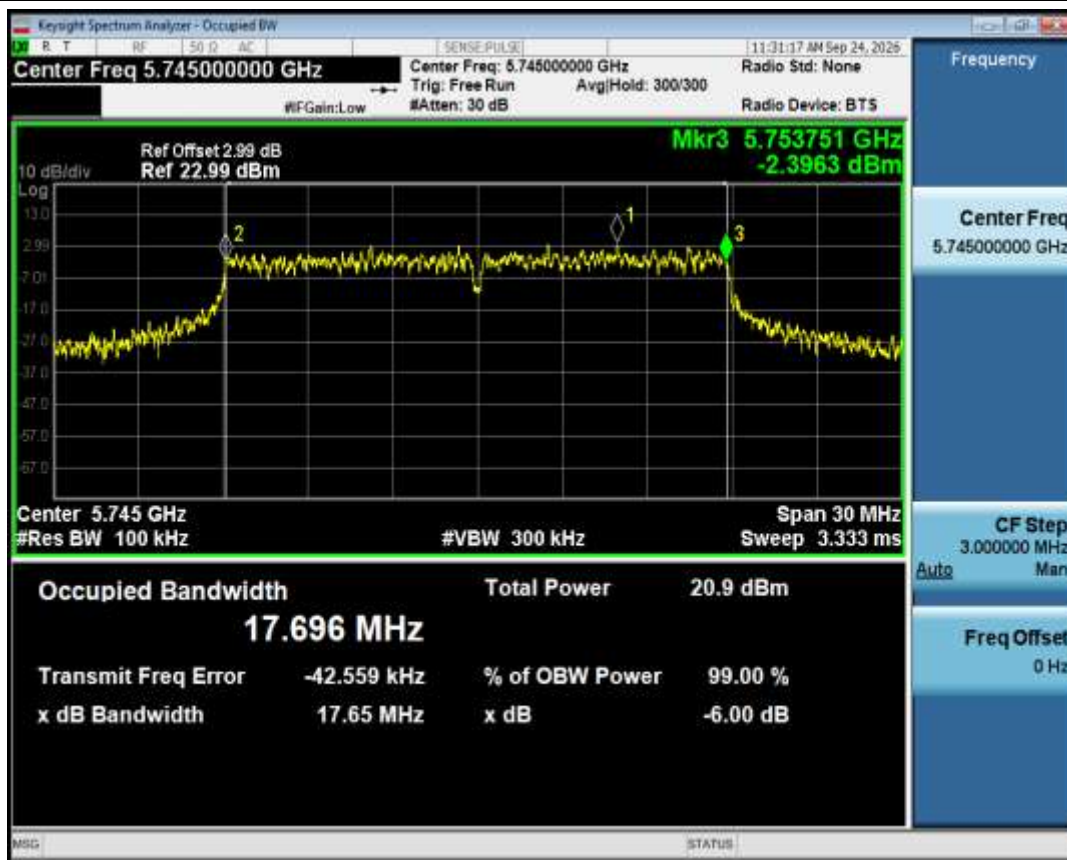
-6dB Bandwidth NVNT a 5745MHz Ant1



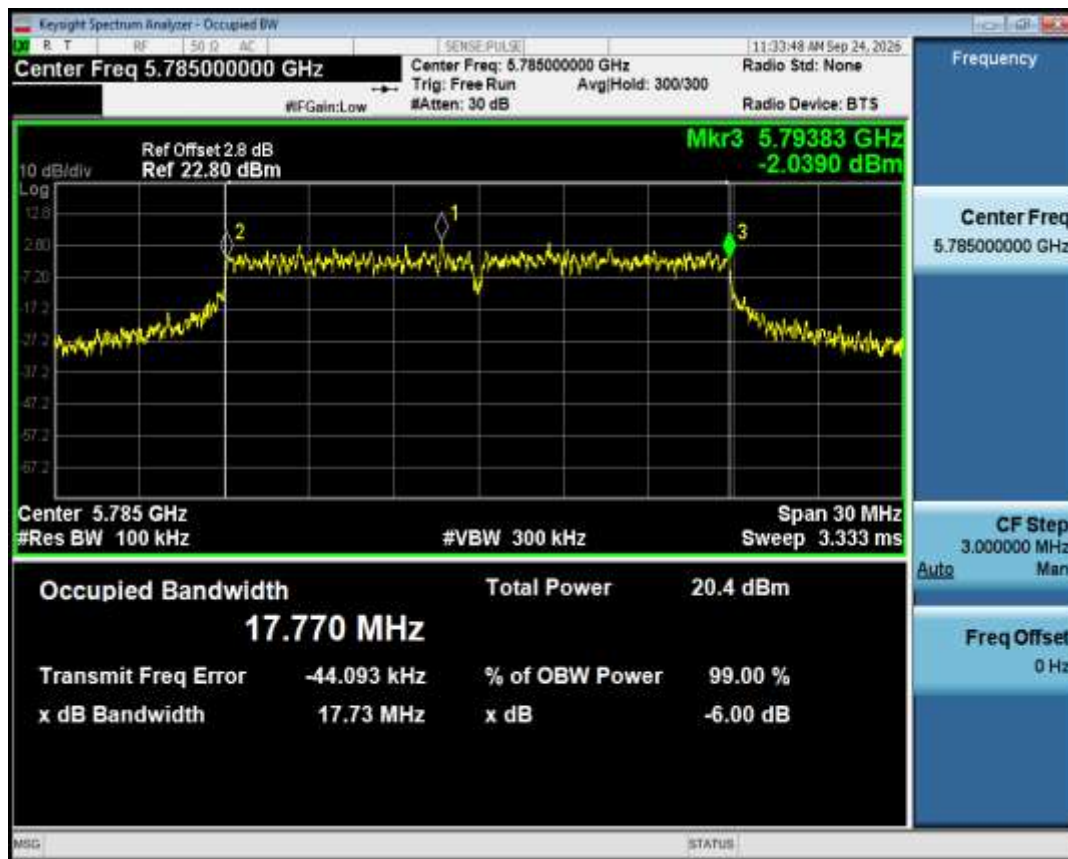
-6dB Bandwidth NVNT a 5785MHz Ant1



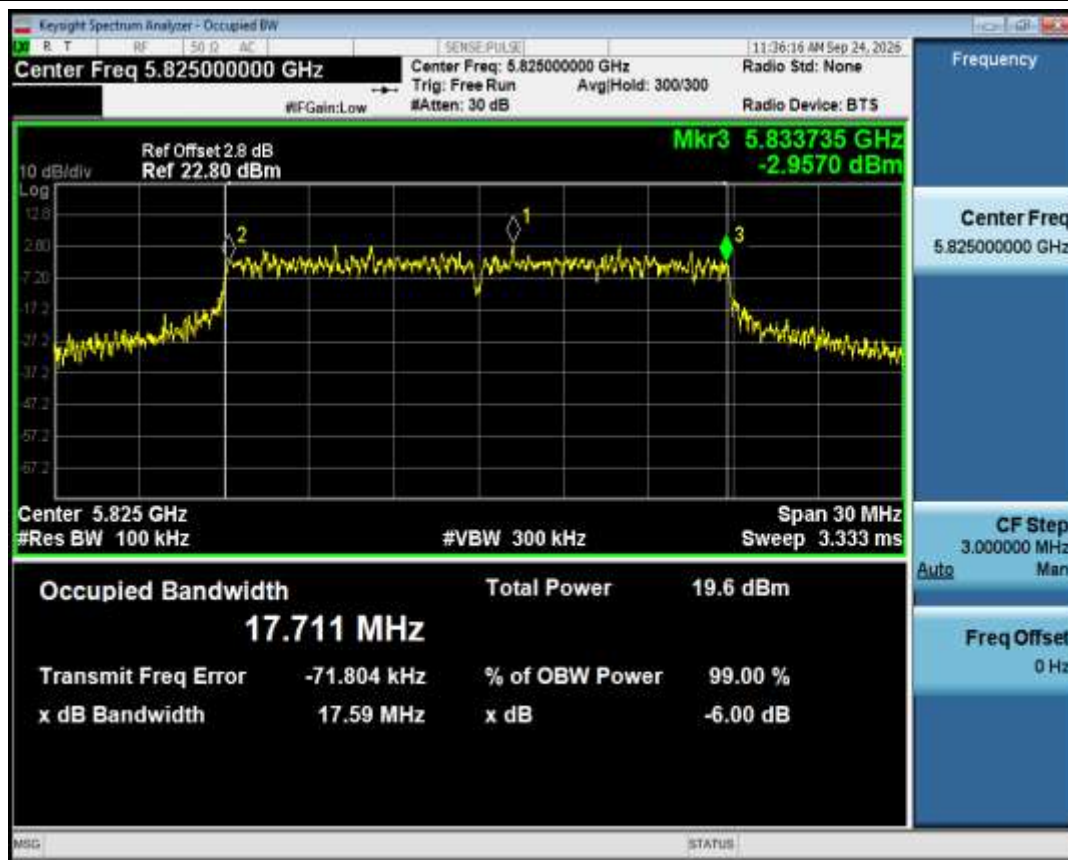
-6dB Bandwidth NVNT a 5825MHz Ant1



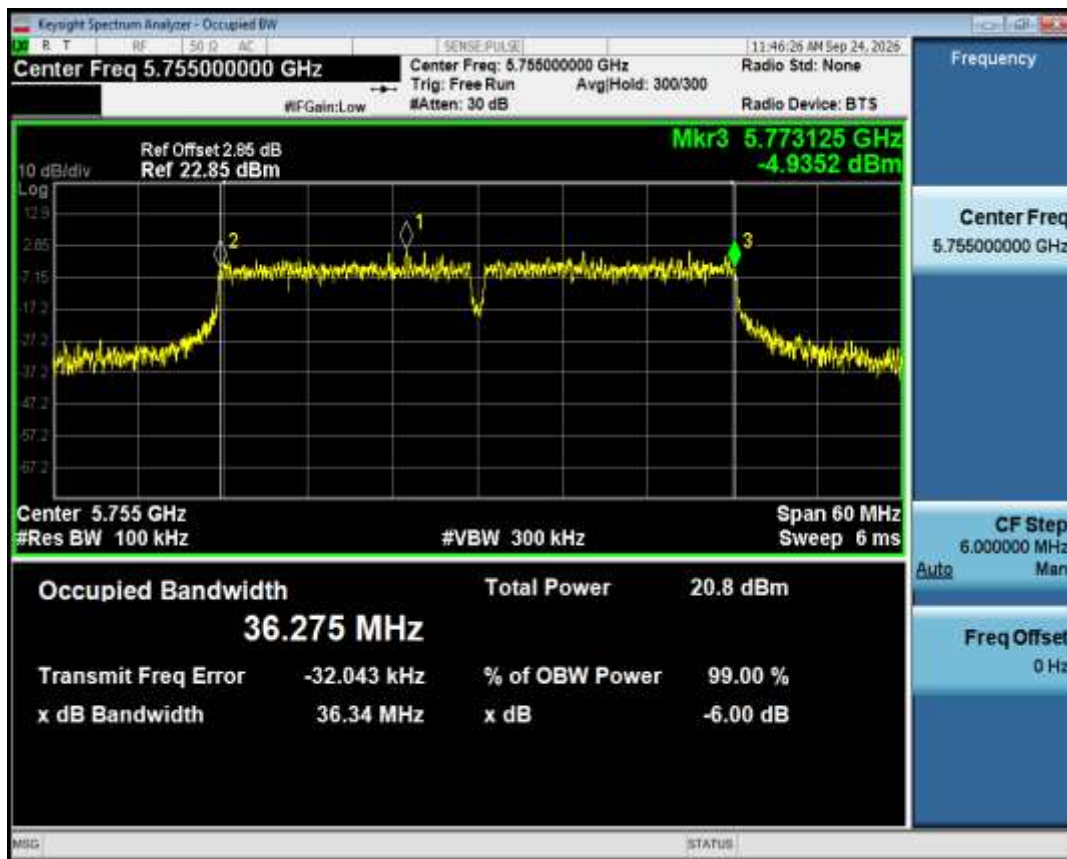
-6dB Bandwidth NVNT n20 5745MHz Ant1



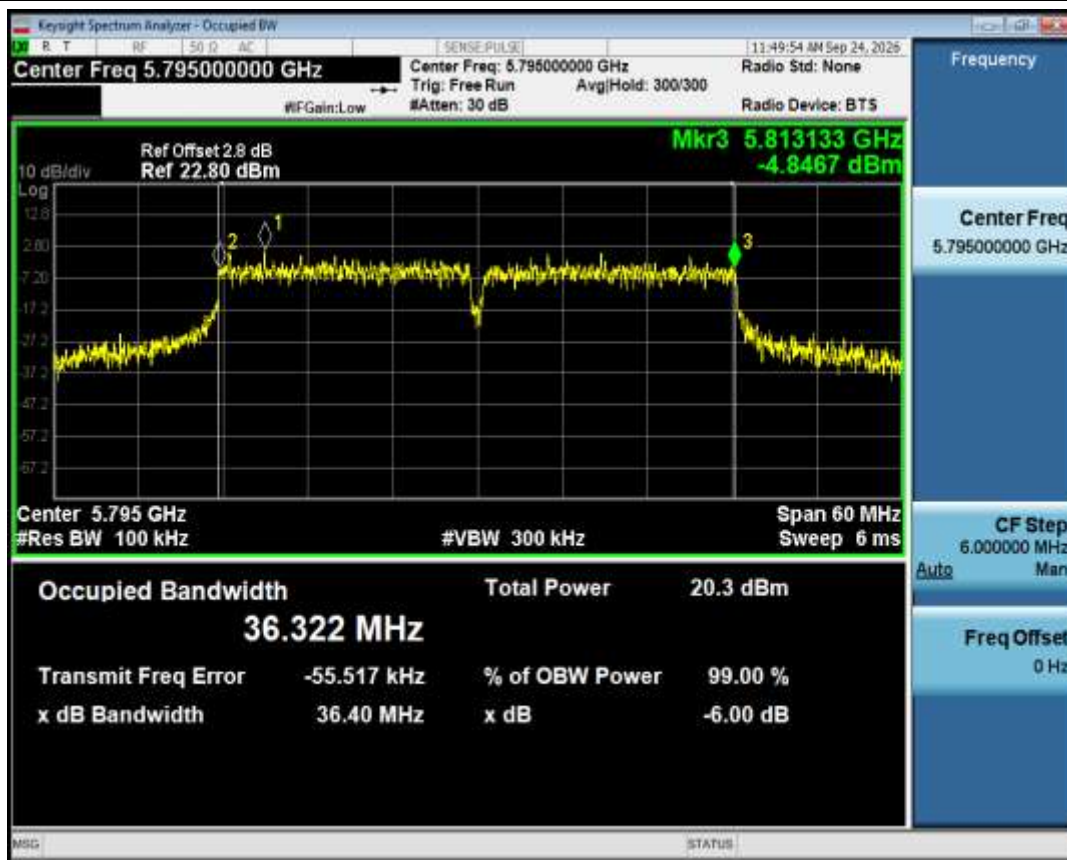
-6dB Bandwidth NVNT n20 5785MHz Ant1



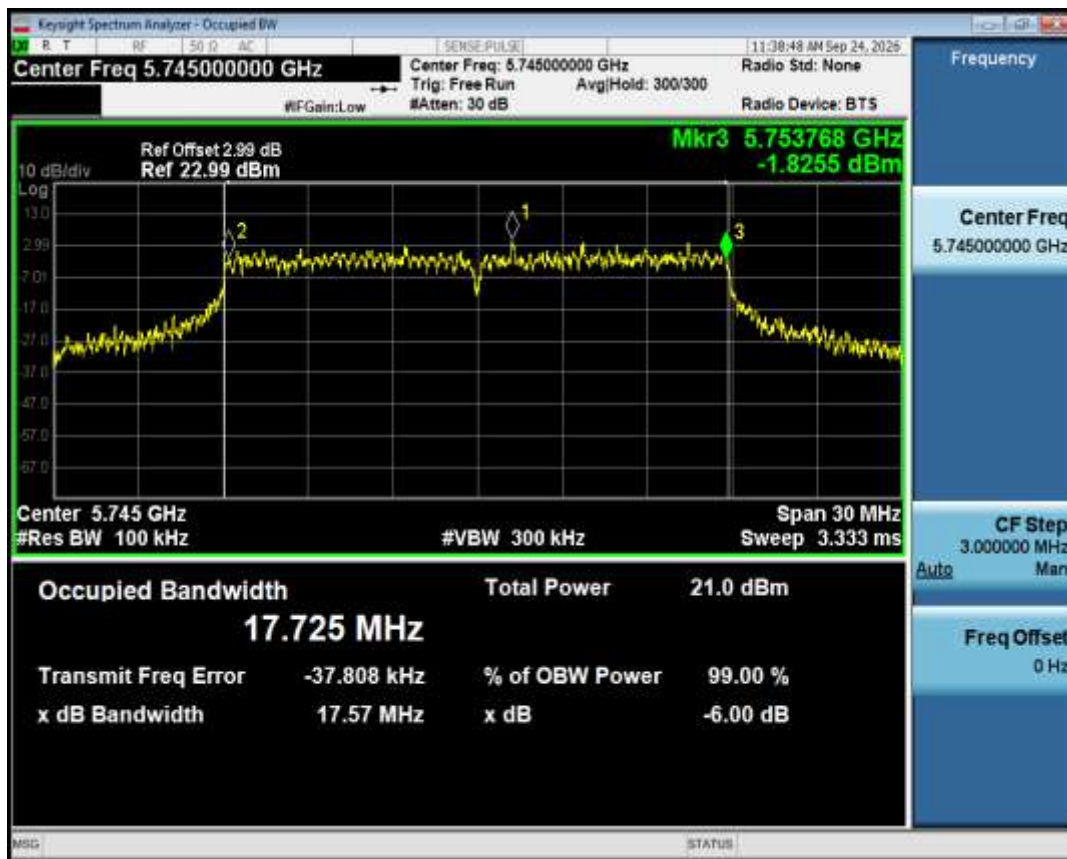
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



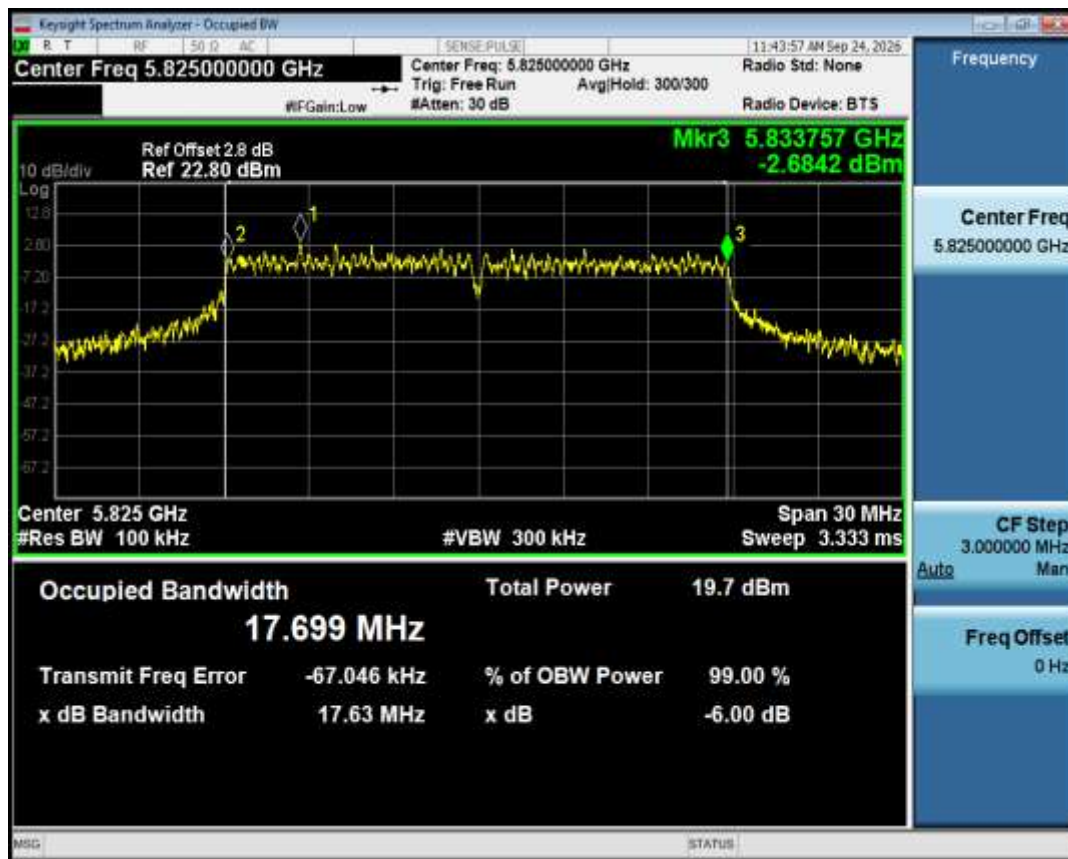
-6dB Bandwidth NVNT n40 5795MHz Ant1



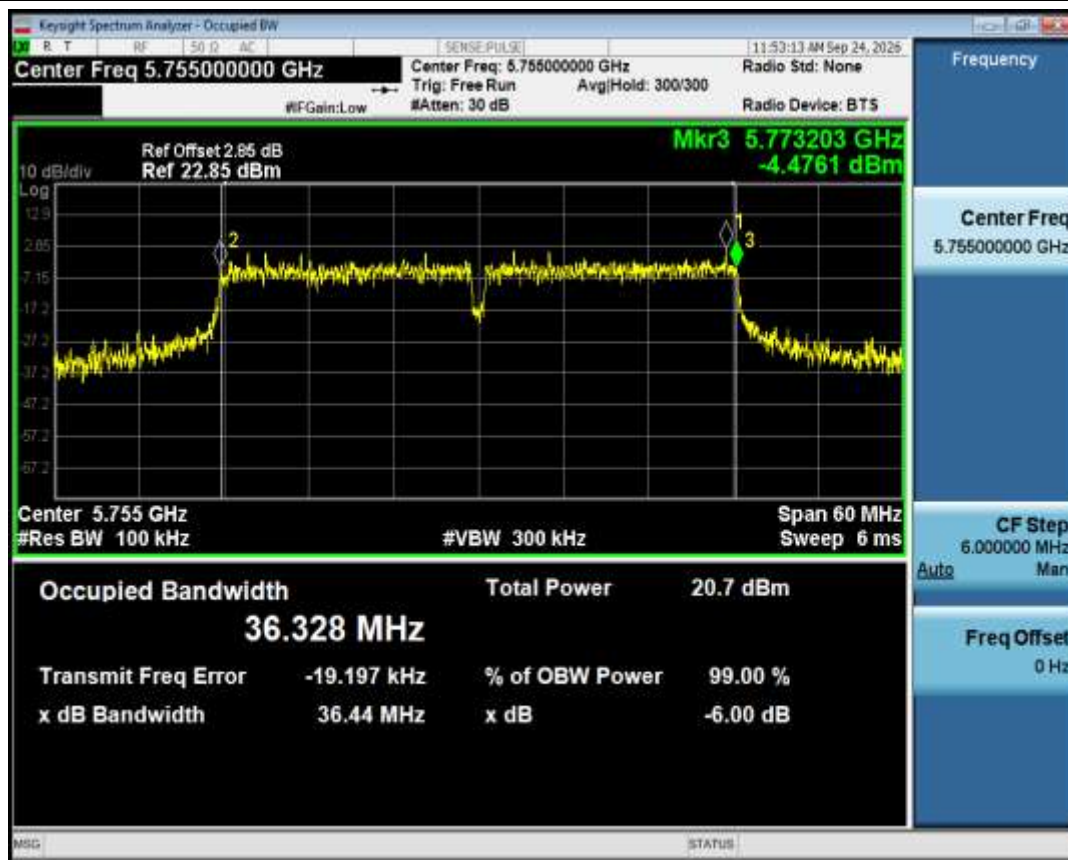
-6dB Bandwidth NVNT ac20 5745MHz Ant1



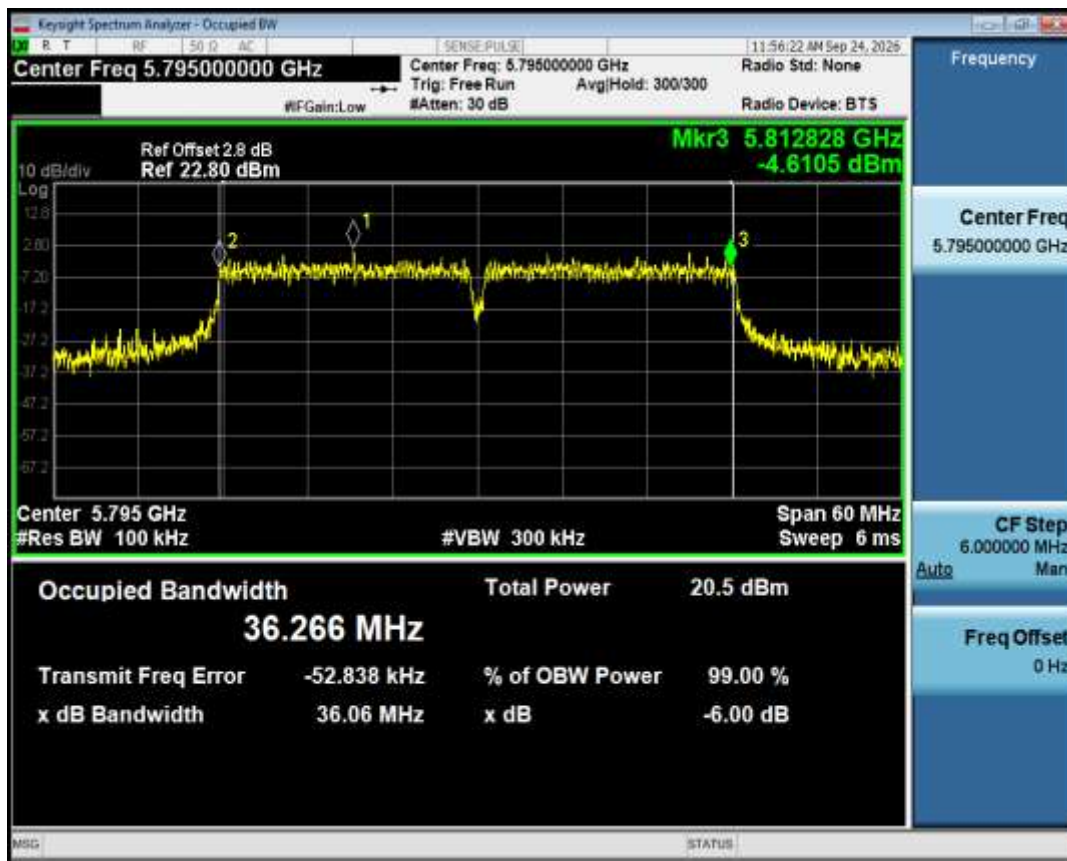
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



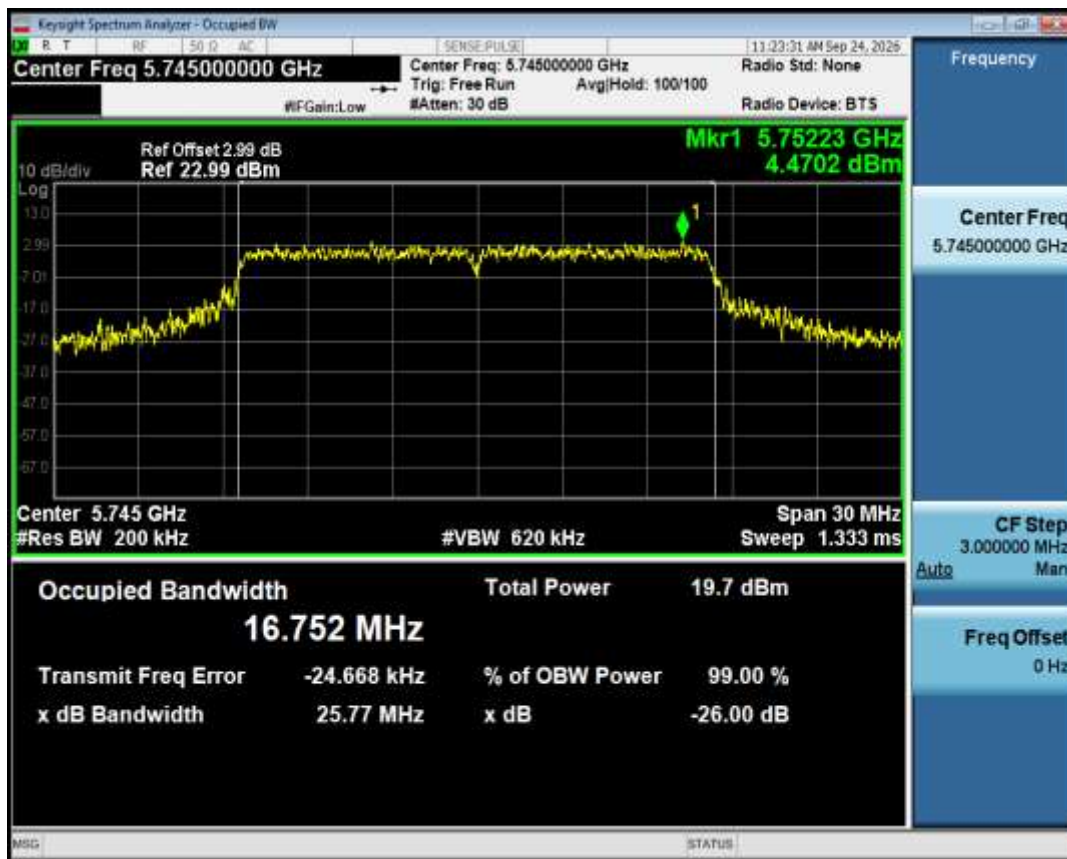
-6dB Bandwidth NVNT ac40 5755MHz Ant1



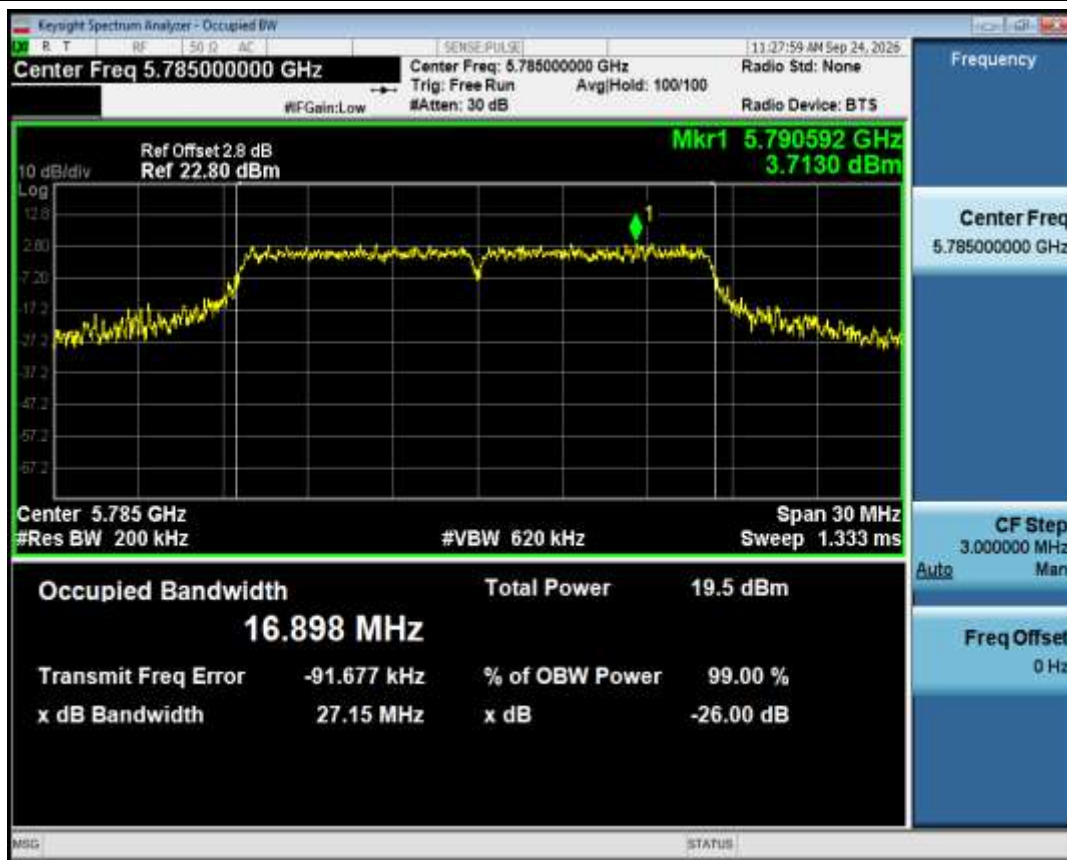
-6dB Bandwidth NVNT ac40 5795MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.752
NVNT	a	5785	Ant1	16.898
NVNT	a	5825	Ant1	16.735
NVNT	n20	5745	Ant1	17.644
NVNT	n20	5785	Ant1	17.754
NVNT	n20	5825	Ant1	17.785
NVNT	n40	5755	Ant1	36.488
NVNT	n40	5795	Ant1	36.446
NVNT	ac20	5745	Ant1	17.805
NVNT	ac20	5785	Ant1	17.785
NVNT	ac20	5825	Ant1	17.816
NVNT	ac40	5755	Ant1	36.379
NVNT	ac40	5795	Ant1	36.49



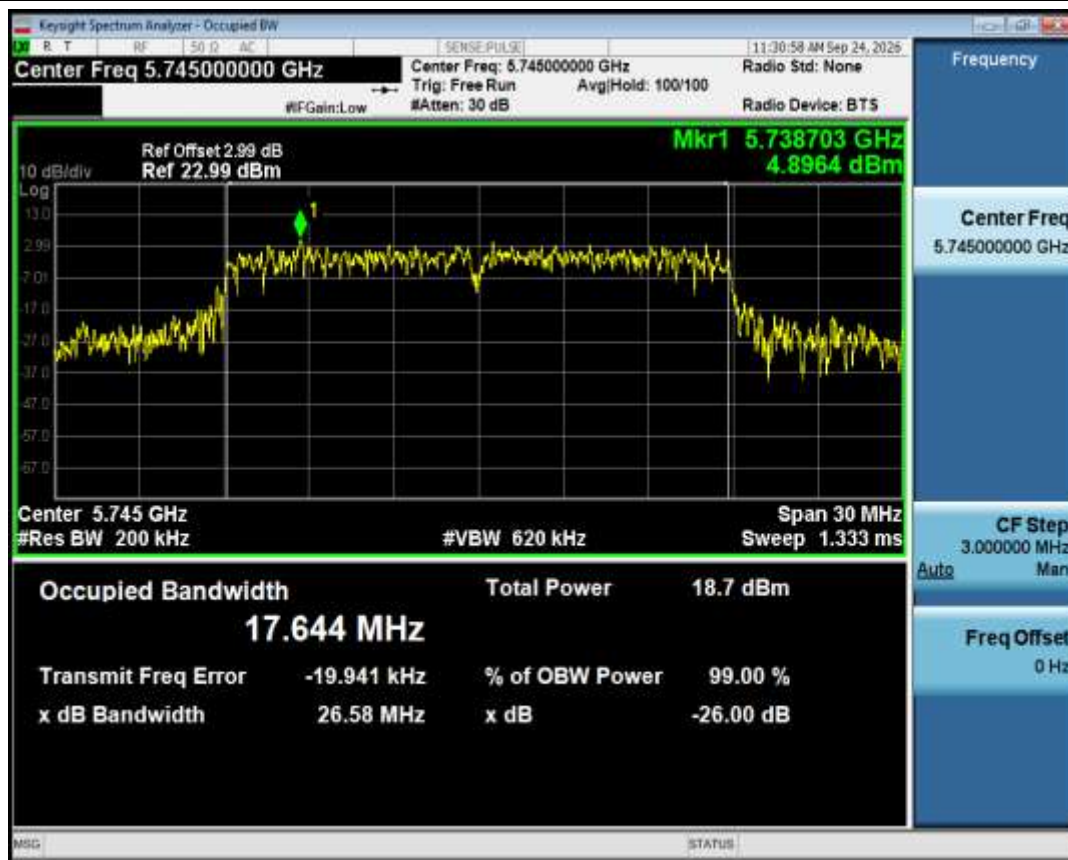
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



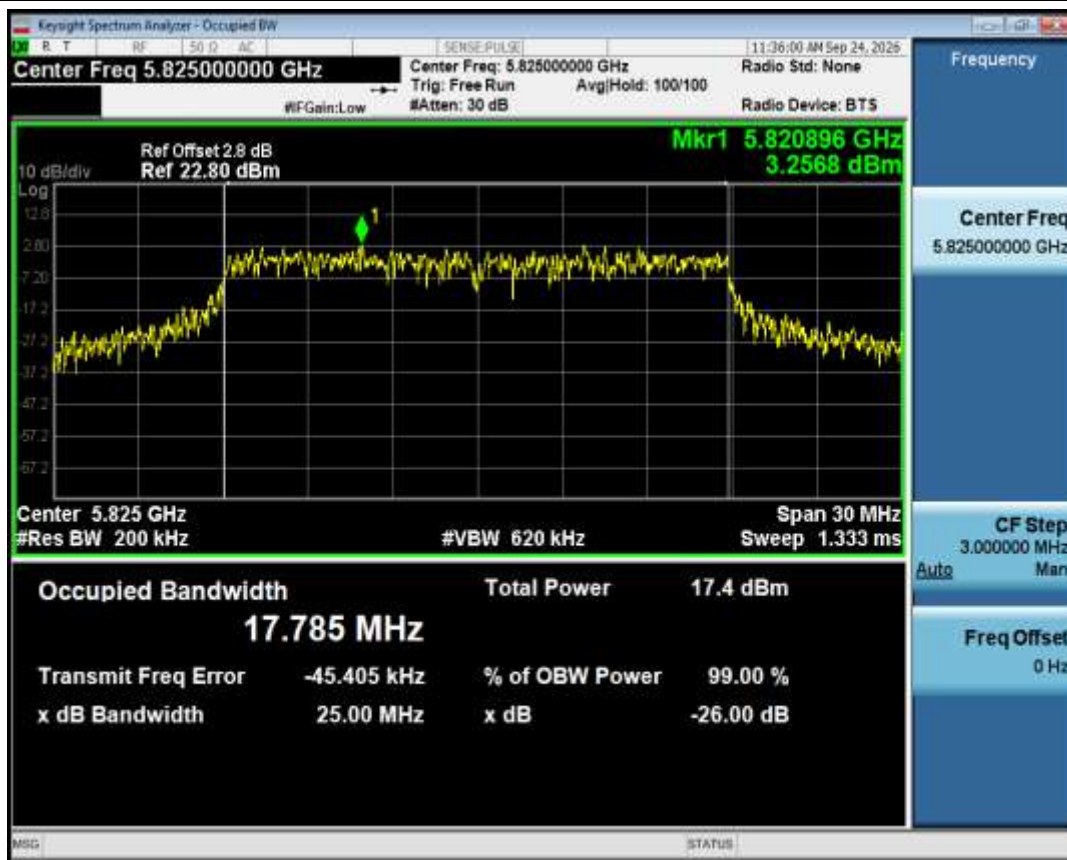
OBW NVNT a 5825MHz Ant1



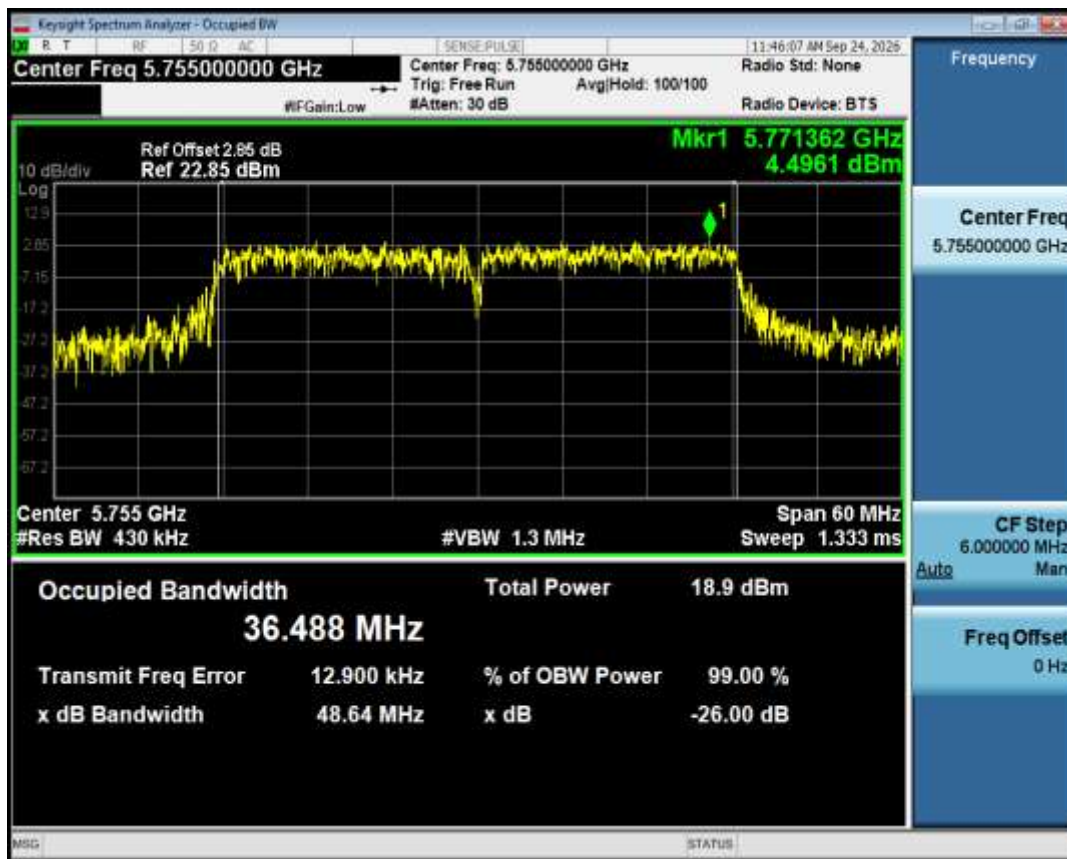
OBW NVNT n20 5745MHz Ant1



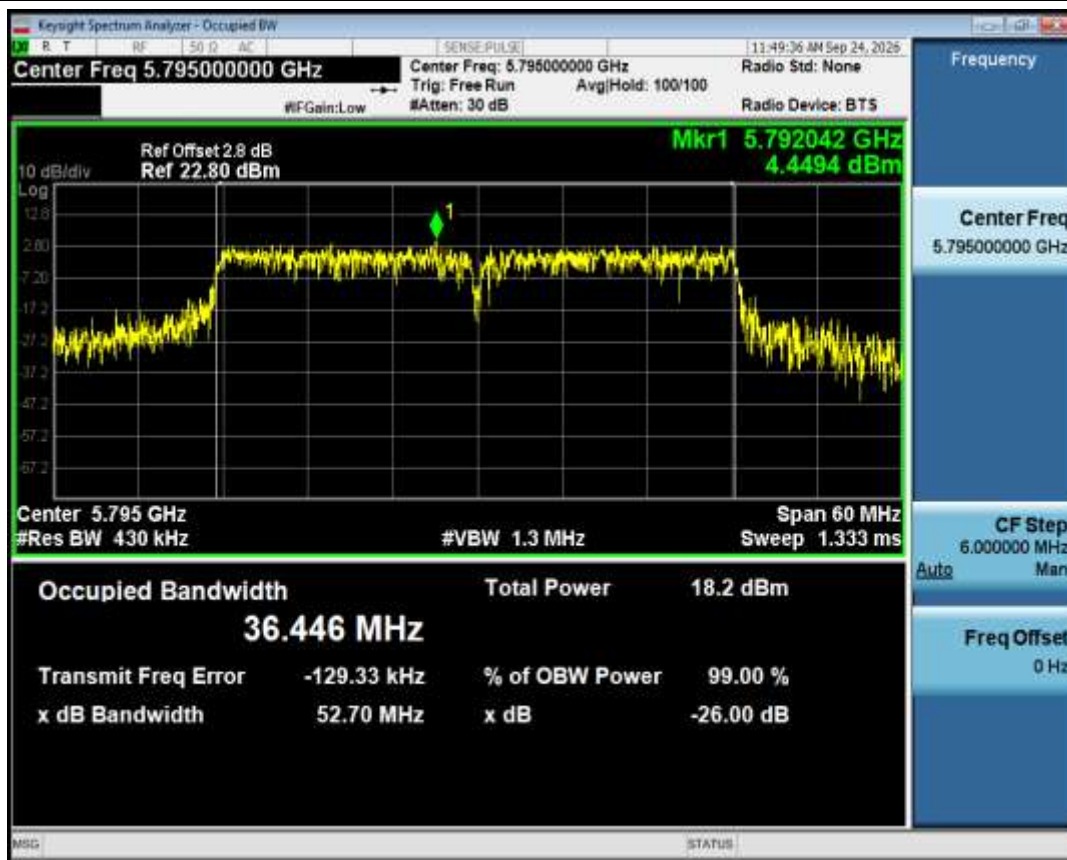
OBW NVNT n20 5785MHz Ant1



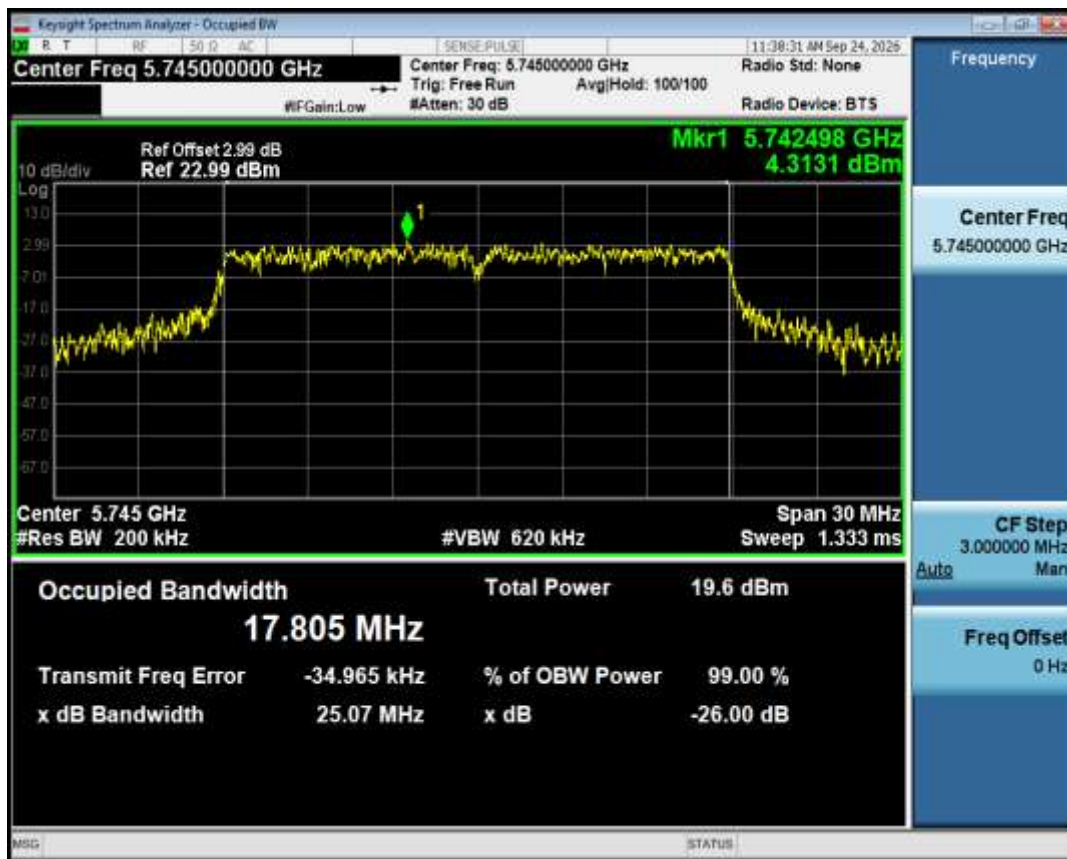
OBW NVNT n20 5825MHz Ant1



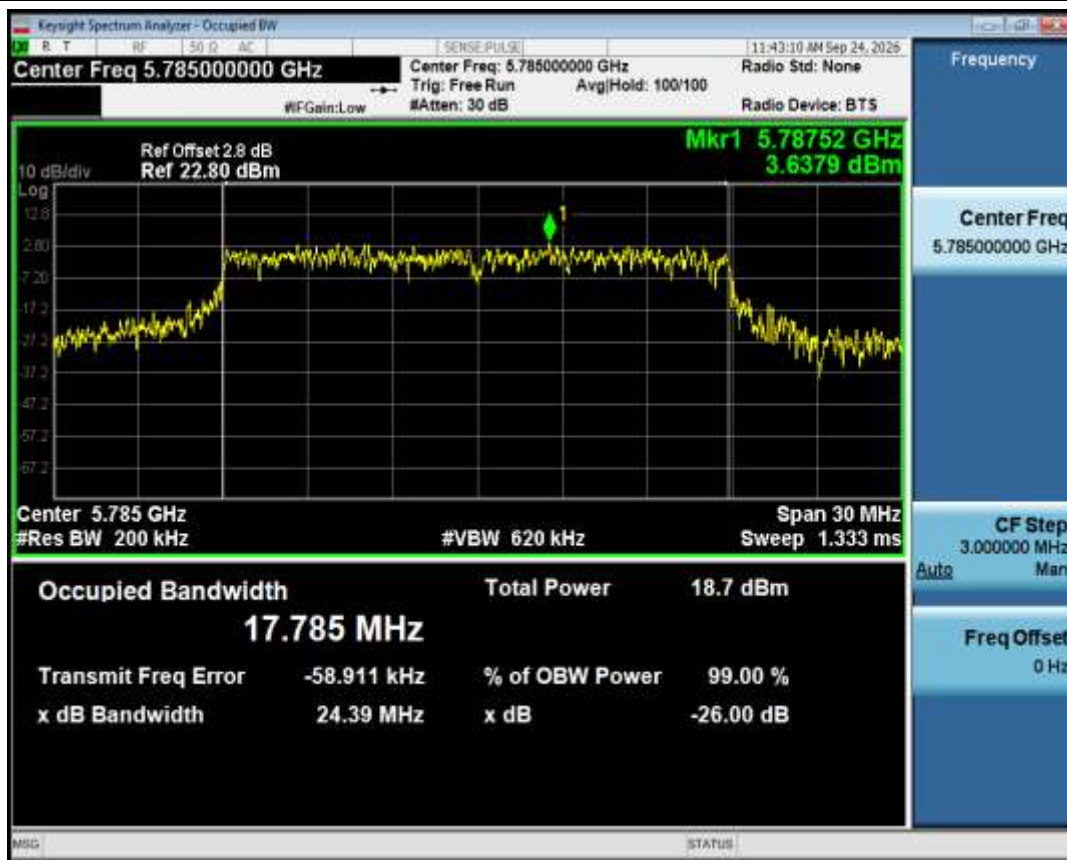
OBW NVNT n40 5755MHz Ant1



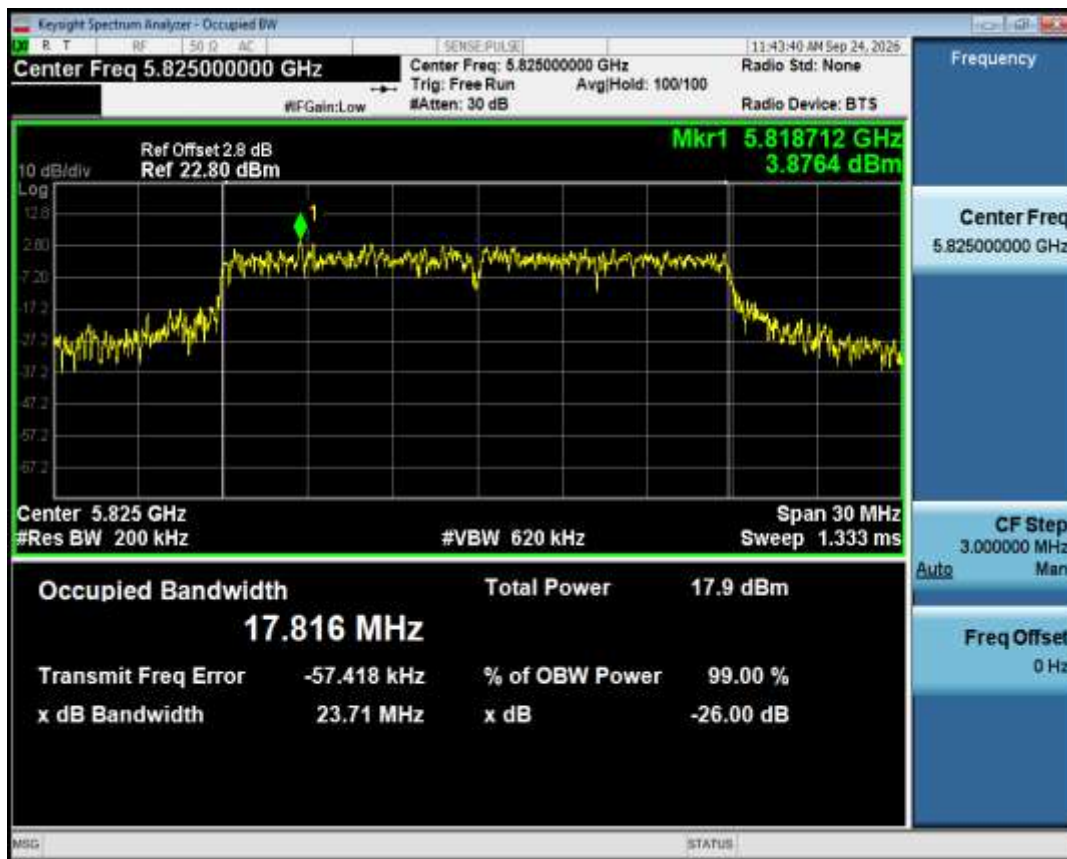
OBW NVNT n40 5795MHz Ant1



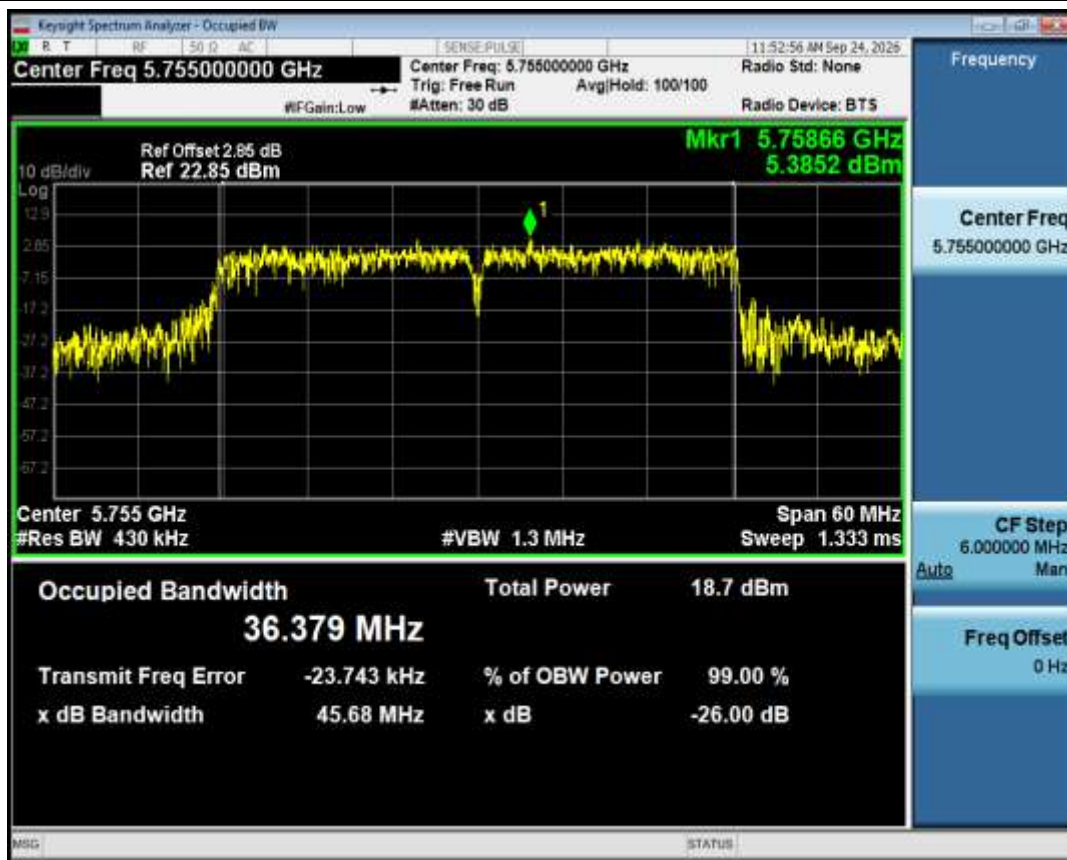
OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510 kHz)	Duty Factor (dB)	Total Conducted PSD (dBm/510 kHz)	Total Conducted PSD (dBm/500 kHz)	Limit Conducted(dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-6.24	7.61	1.37	1.344	30	Pass
NVNT	a	5785	Ant1	-6.11	7.61	1.5	1.385	30	Pass
NVNT	a	5825	Ant1	-6.03	7.61	1.58	1.411	30	Pass
NVNT	n20	5745	Ant1	-9.94	12.85	2.91	1.916	30	Pass
NVNT	n20	5785	Ant1	-10.62	13.24	2.62	1.792	30	Pass
NVNT	n20	5825	Ant1	-12.2	13.24	1.04	1.246	30	Pass
NVNT	n40	5755	Ant1	-13.41	12.47	-0.94	0.790	30	Pass
NVNT	n40	5795	Ant1	-15.73	13.22	-2.51	0.550	30	Pass
NVNT	ac20	5745	Ant1	-9.94	12.91	2.97	1.943	30	Pass
NVNT	ac20	5785	Ant1	-10.33	12.69	2.36	1.688	30	Pass
NVNT	ac20	5825	Ant1	-10.5	12.91	2.41	1.708	30	Pass
NVNT	ac40	5755	Ant1	-13.81	13.26	-0.55	0.864	30	Pass
NVNT	ac40	5795	Ant1	-14.68	13.22	-1.46	0.700	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



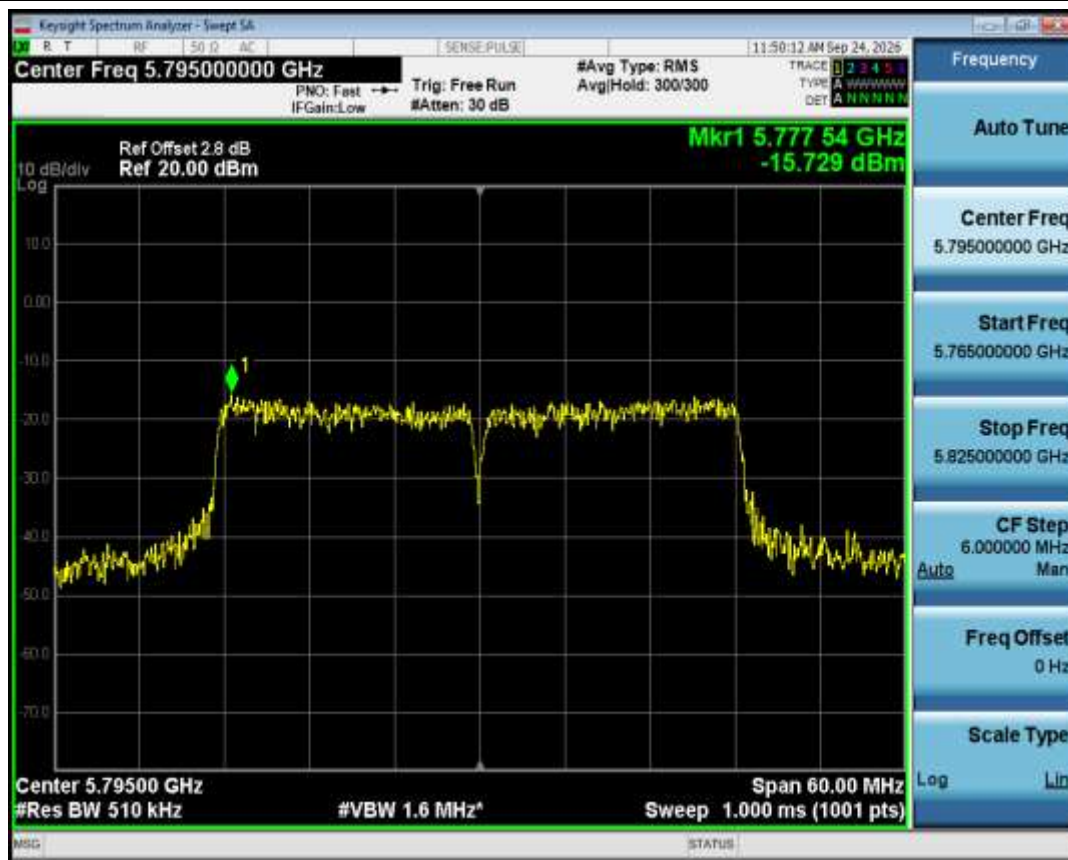
PSD NVNT n20 5785MHz Ant1



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	-43	See test Graph	Pass
NVNT	a	5825	Ant1	-43.78	See test Graph	Pass
NVNT	n20	5745	Ant1	-43.27	See test Graph	Pass
NVNT	n20	5825	Ant1	-43.82	See test Graph	Pass
NVNT	n40	5755	Ant1	-37.1	See test Graph	Pass
NVNT	n40	5795	Ant1	-41.89	See test Graph	Pass
NVNT	ac20	5745	Ant1	-43.43	See test Graph	Pass
NVNT	ac20	5825	Ant1	-43.1	See test Graph	Pass
NVNT	ac40	5755	Ant1	-37.06	See test Graph	Pass
NVNT	ac40	5795	Ant1	-42.67	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	-32.37	-27	Pass
NVNT	a	5785	Ant1	-31.76	-27	Pass
NVNT	a	5825	Ant1	-35.37	-27	Pass
NVNT	n20	5745	Ant1	-35.27	-27	Pass
NVNT	n20	5785	Ant1	-31.33	-27	Pass
NVNT	n20	5825	Ant1	-34.19	-27	Pass
NVNT	n40	5755	Ant1	-36.06	-27	Pass
NVNT	n40	5795	Ant1	-35.91	-27	Pass
NVNT	ac20	5745	Ant1	-34.4	-27	Pass
NVNT	ac20	5785	Ant1	-33.64	-27	Pass
NVNT	ac20	5825	Ant1	-34.97	-27	Pass
NVNT	ac40	5755	Ant1	-35.67	-27	Pass
NVNT	ac40	5795	Ant1	-36.01	-27	Pass

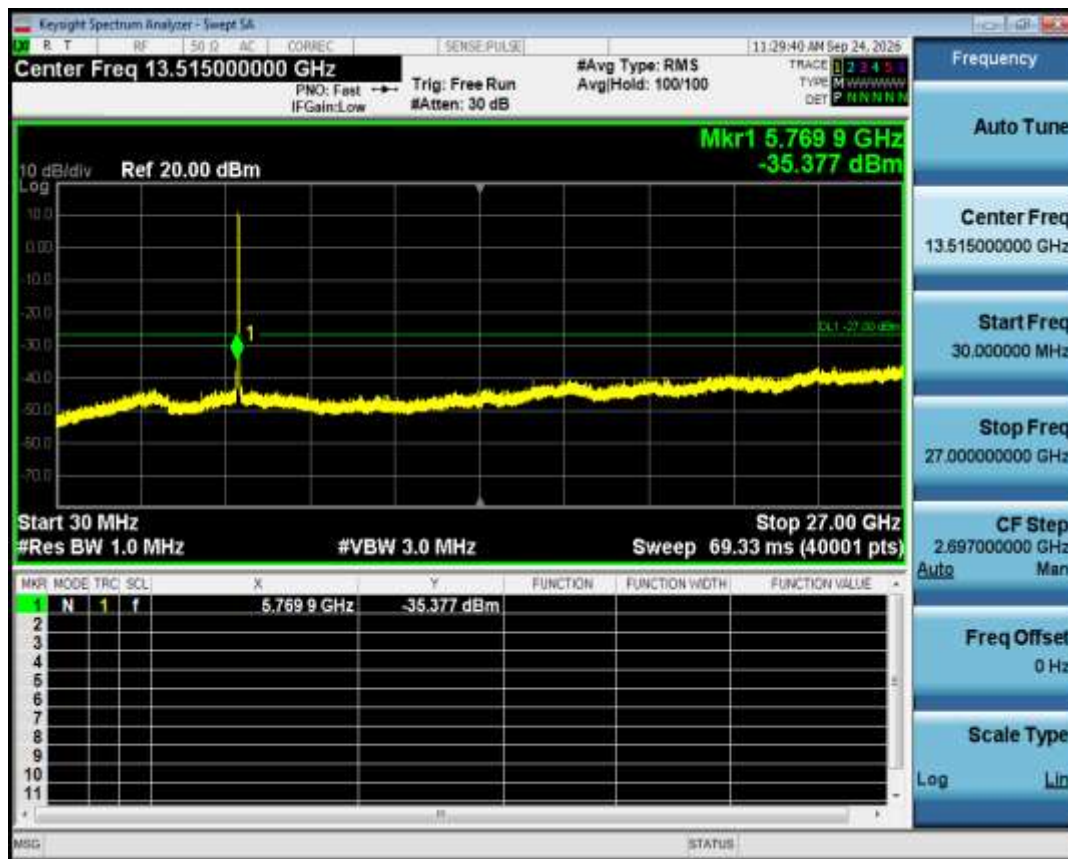
Note: During testing, the spectrum analyzer's Input Correction function was enabled to compensate for the test cable loss between the EUT and the measurement equipment.



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



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission

