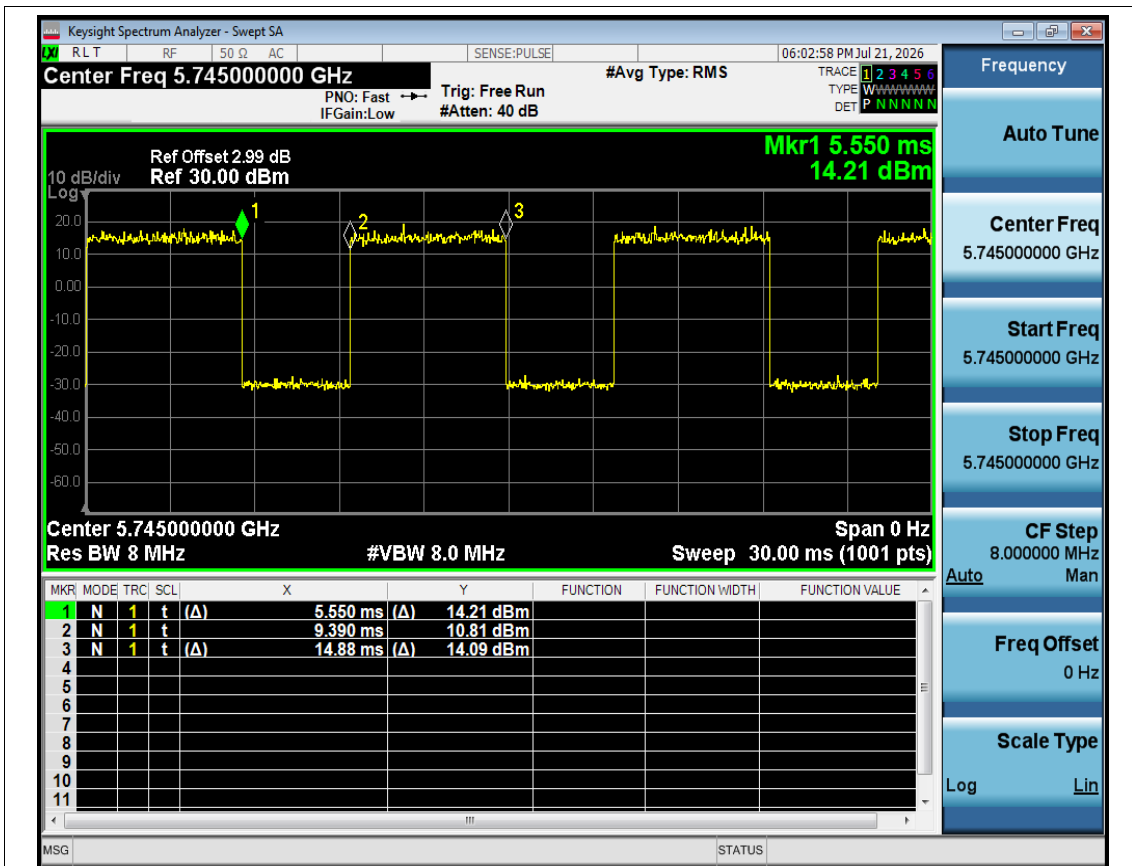


RF Test Data

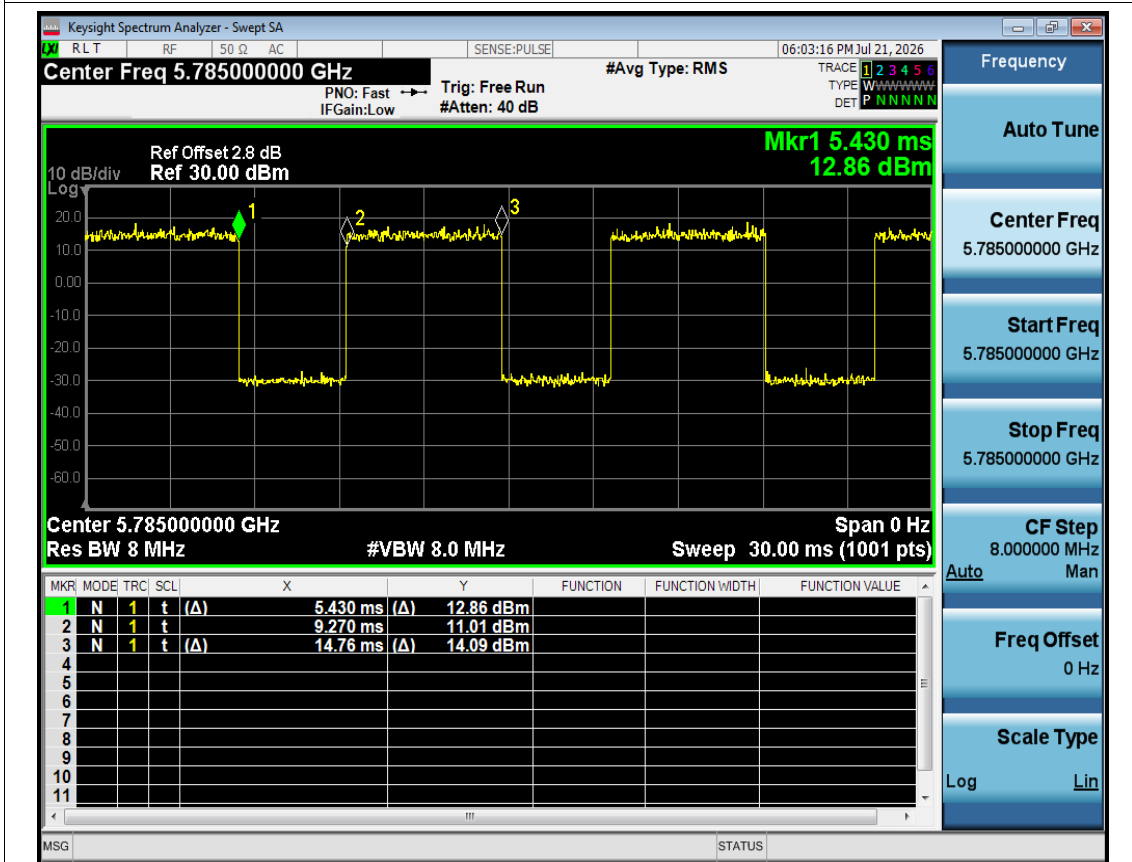
Duty Cycle.....	2
Maximum Conducted Output Power	10
-6dB Bandwidth.....	11
Occupied Channel Bandwidth.....	19
Maximum Power Spectral Density Level	25
Band Edge	33
Frequency Stability	39
Conducted RF Spurious Emission	47

Duty Cycle

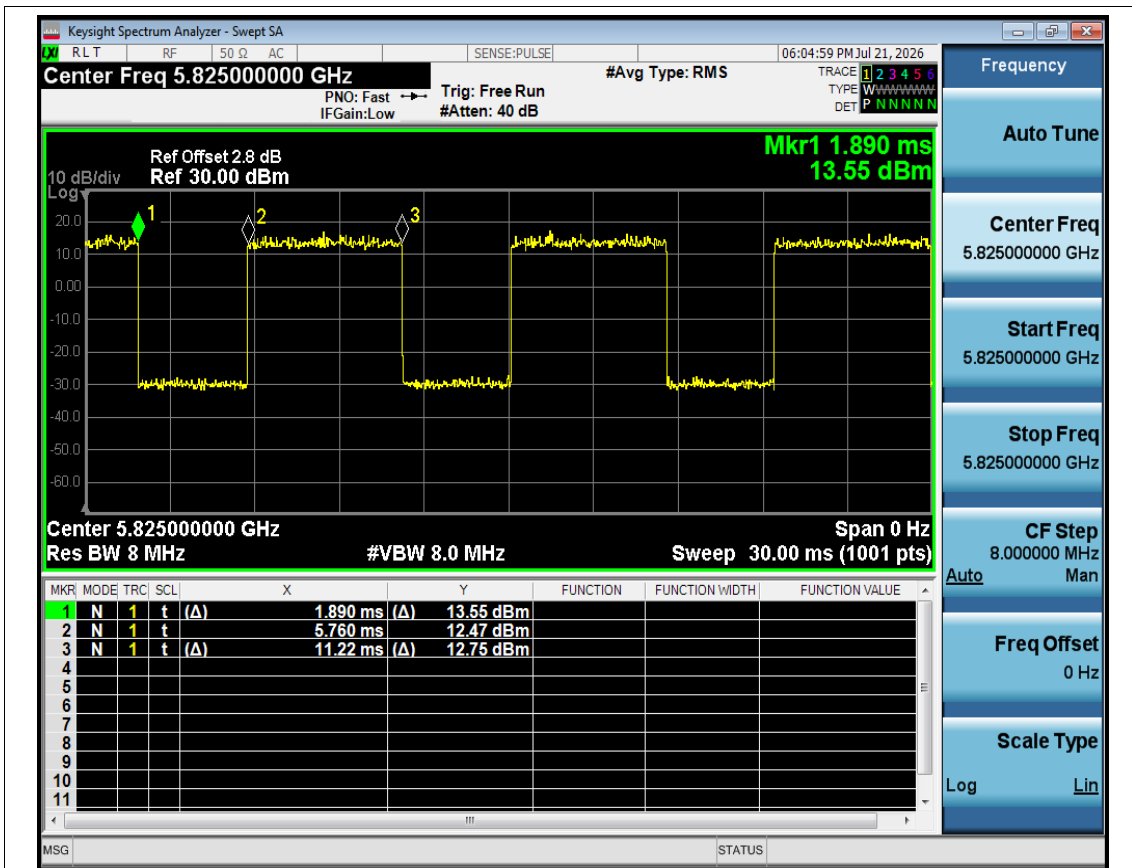
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	58.84	2.3	0.18
NVNT	a	5785	Ant1	58.84	2.3	0.18
NVNT	a	5825	Ant1	58.52	2.33	0.18
NVNT	n20	5745	Ant1	57.56	2.4	0.19
NVNT	n20	5785	Ant1	57.56	2.4	0.19
NVNT	n20	5825	Ant1	57.69	2.39	0.19
NVNT	n40	5755	Ant1	56.18	2.5	0.33
NVNT	n40	5795	Ant1	56.18	2.5	0.33
NVNT	ac20	5745	Ant1	57.56	2.4	0.19
NVNT	ac20	5785	Ant1	57.56	2.4	0.19
NVNT	ac20	5825	Ant1	57.56	2.4	0.19
NVNT	ac40	5755	Ant1	55.31	2.57	0.19
NVNT	ac40	5795	Ant1	55.13	2.59	0.19



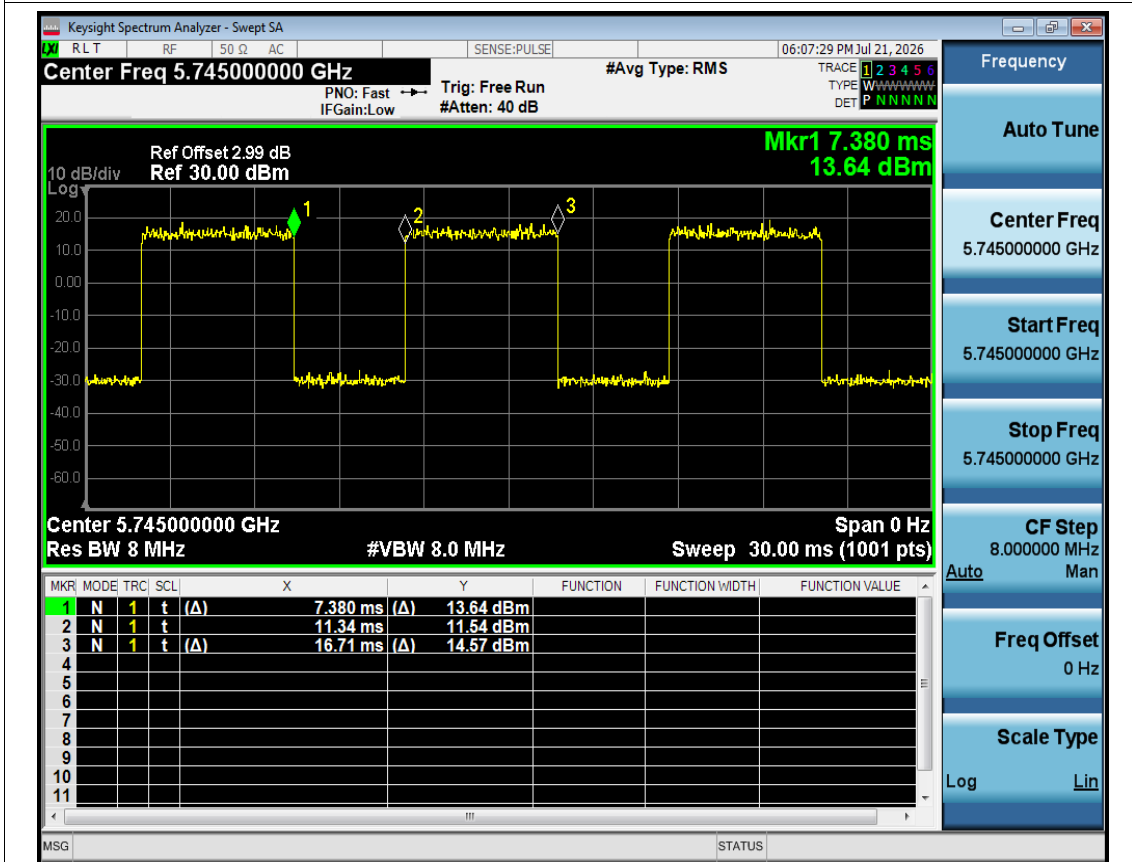
Duty Cycle NVNT a 5745MHz Ant1



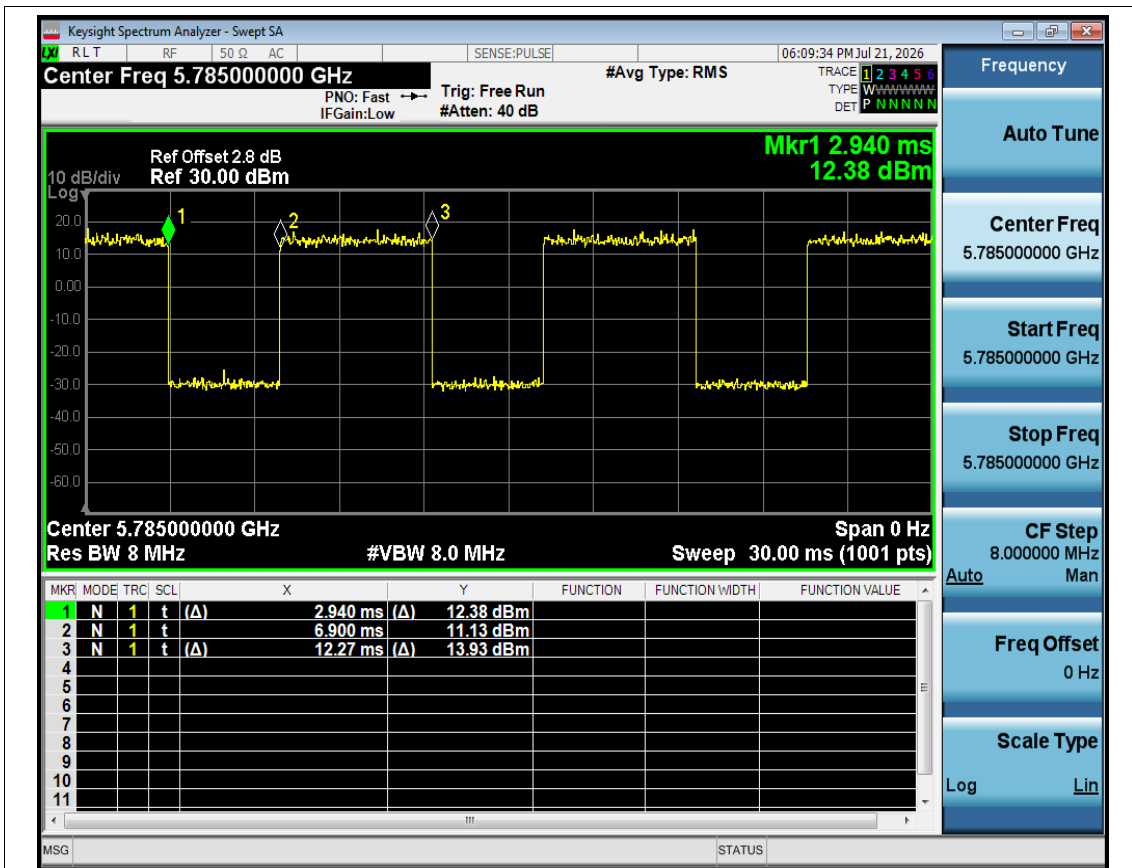
Duty Cycle NVNT a 5785MHz Ant1



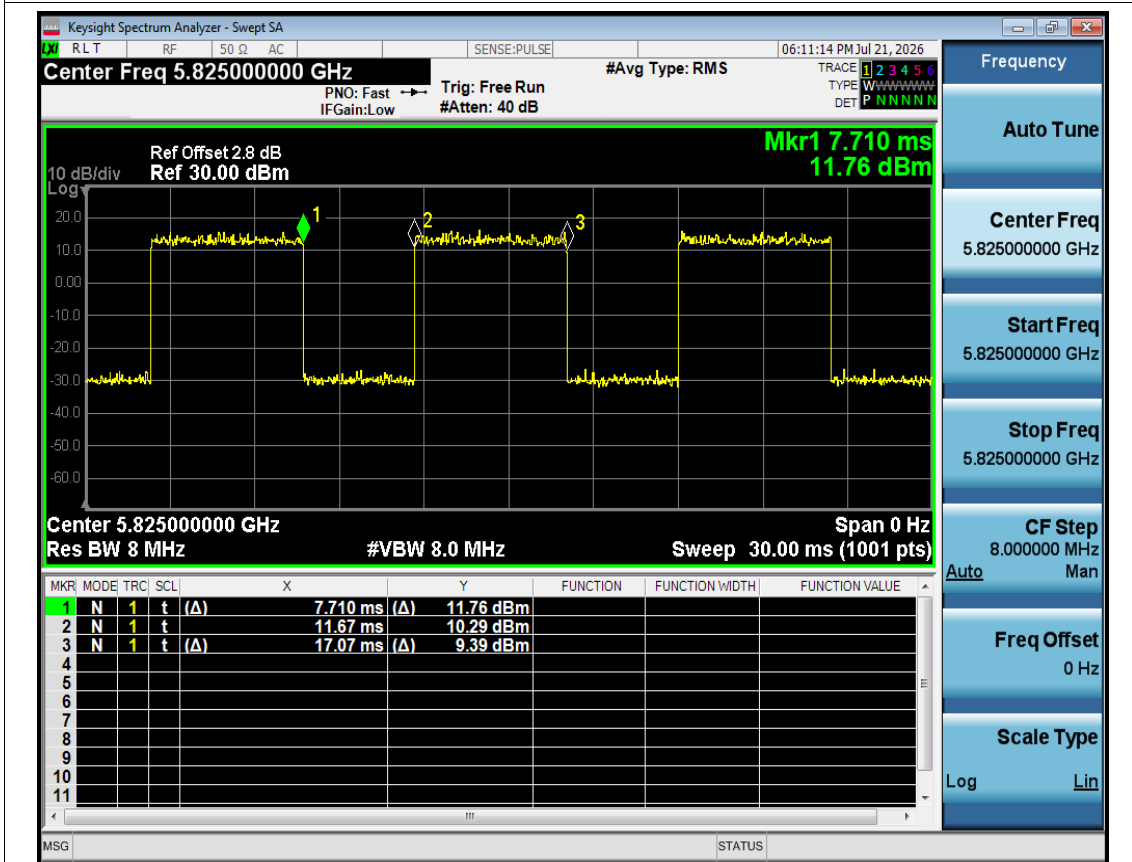
Duty Cycle NVNT a 5825MHz Ant1



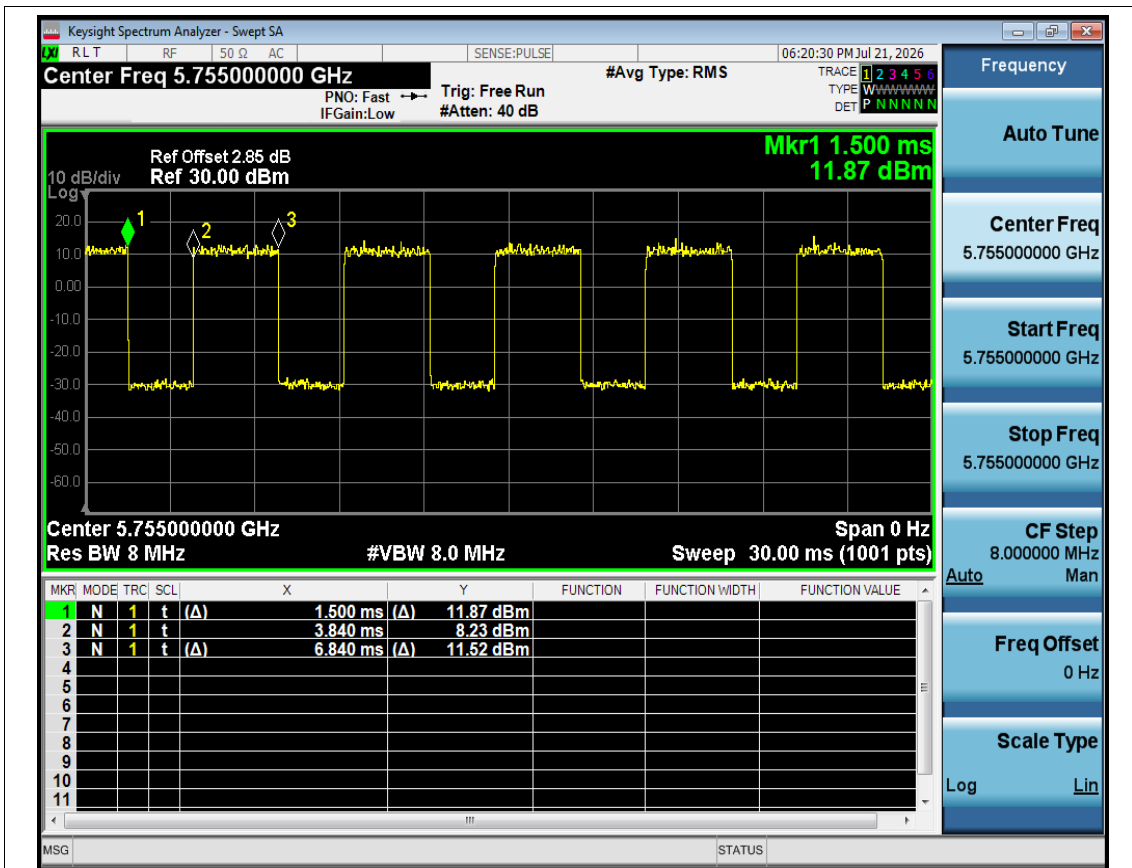
Duty Cycle NVNT n20 5745MHz Ant1



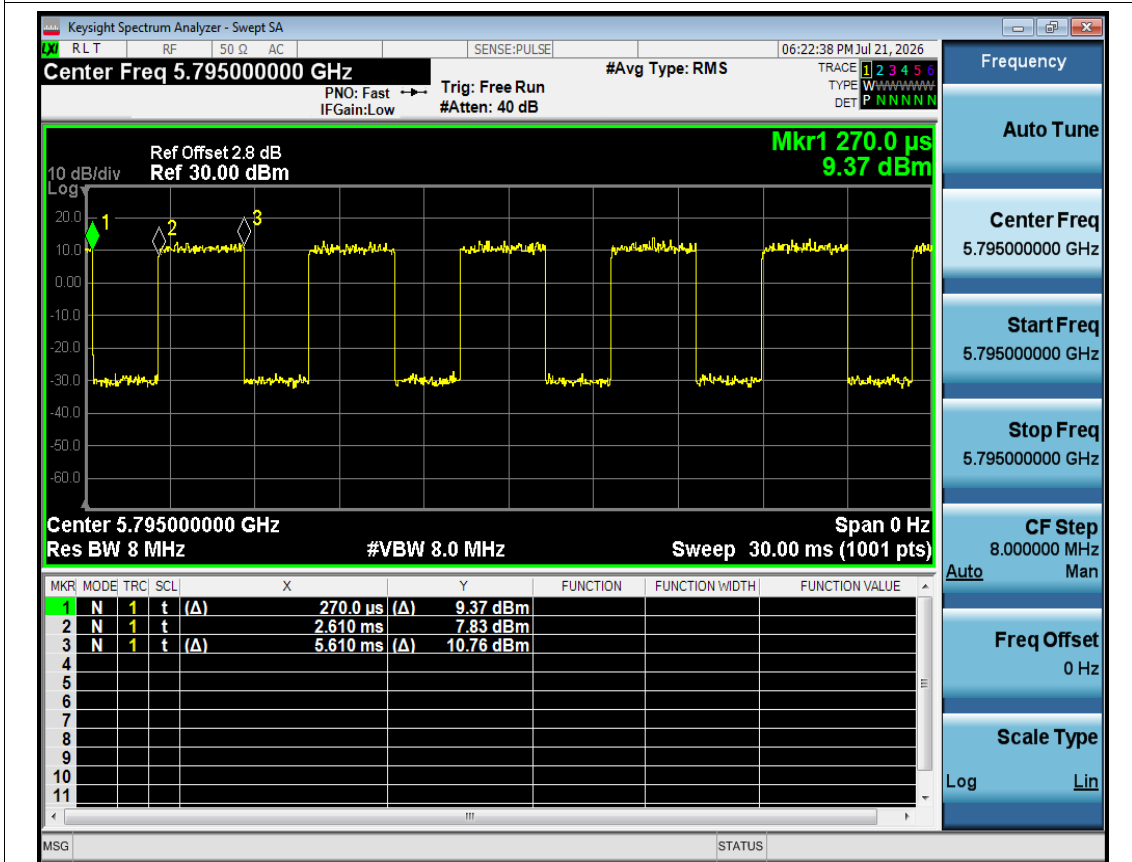
Duty Cycle NVNT n20 5785MHz Ant1



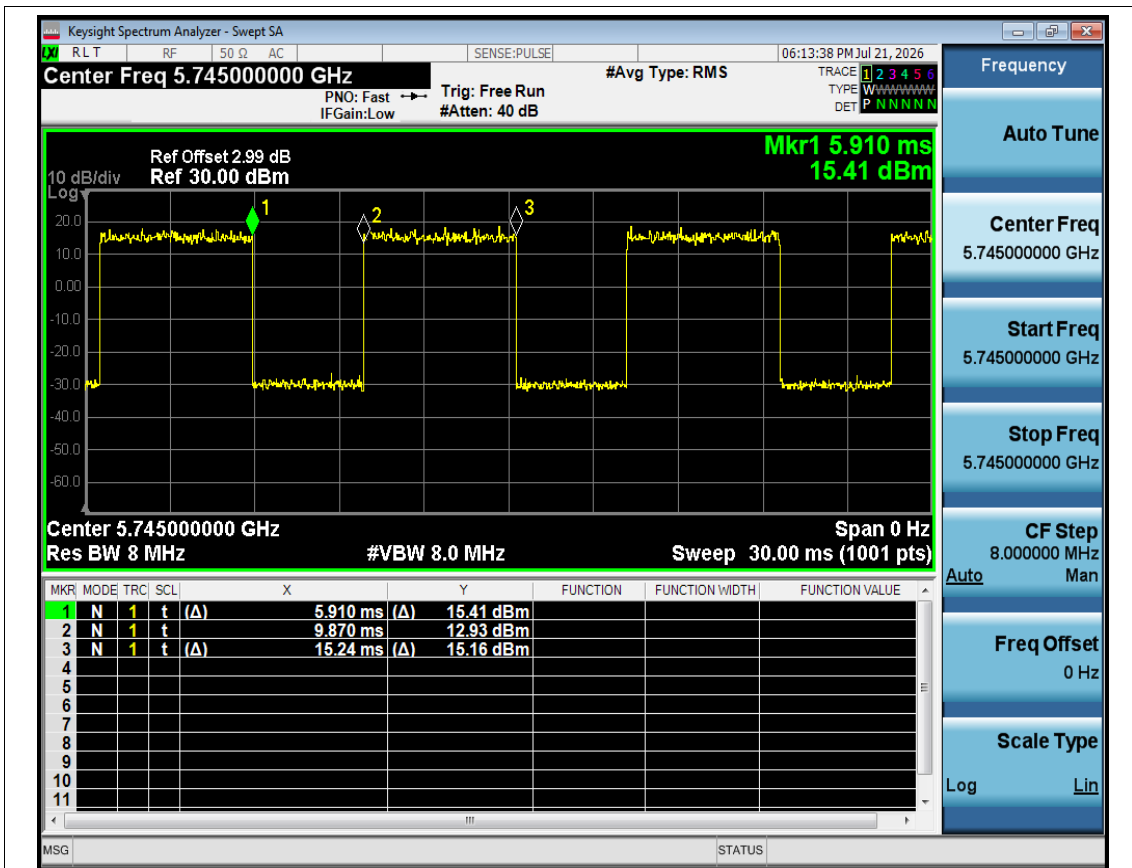
Duty Cycle NVNT n20 5825MHz Ant1



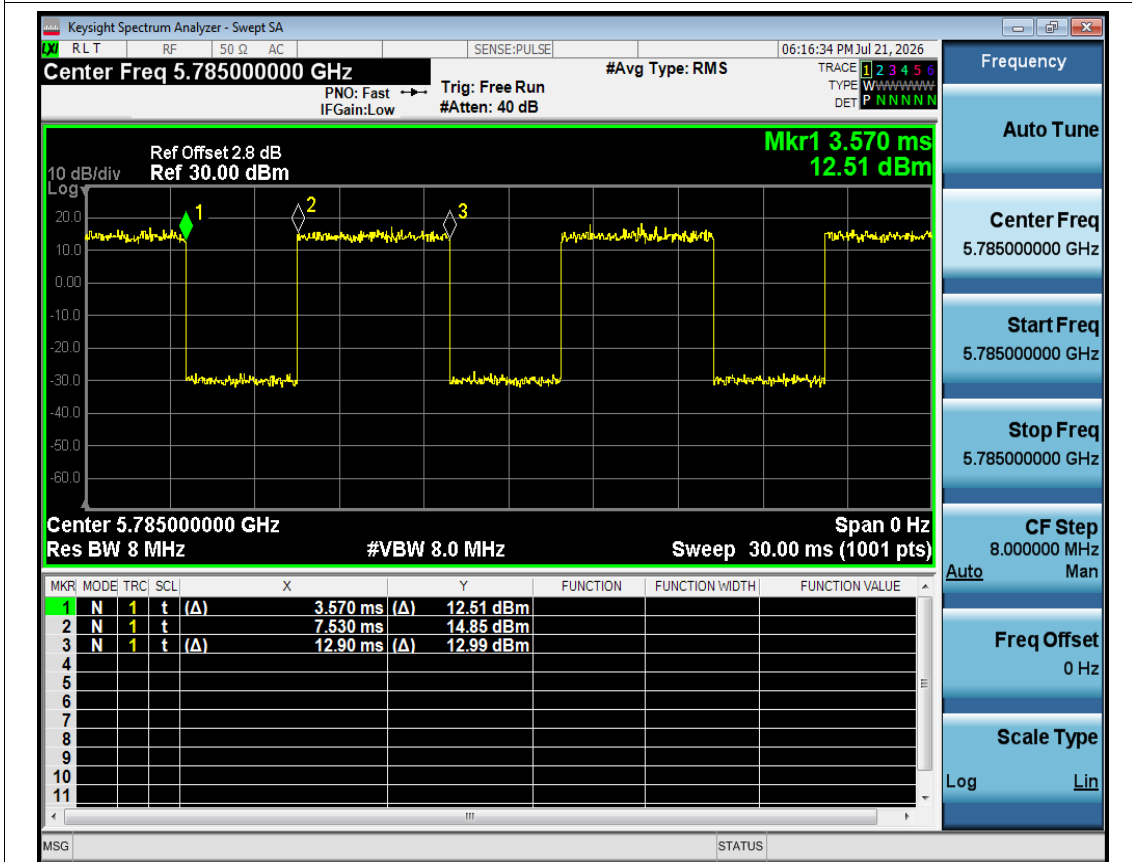
Duty Cycle NVNT n40 5755MHz Ant1



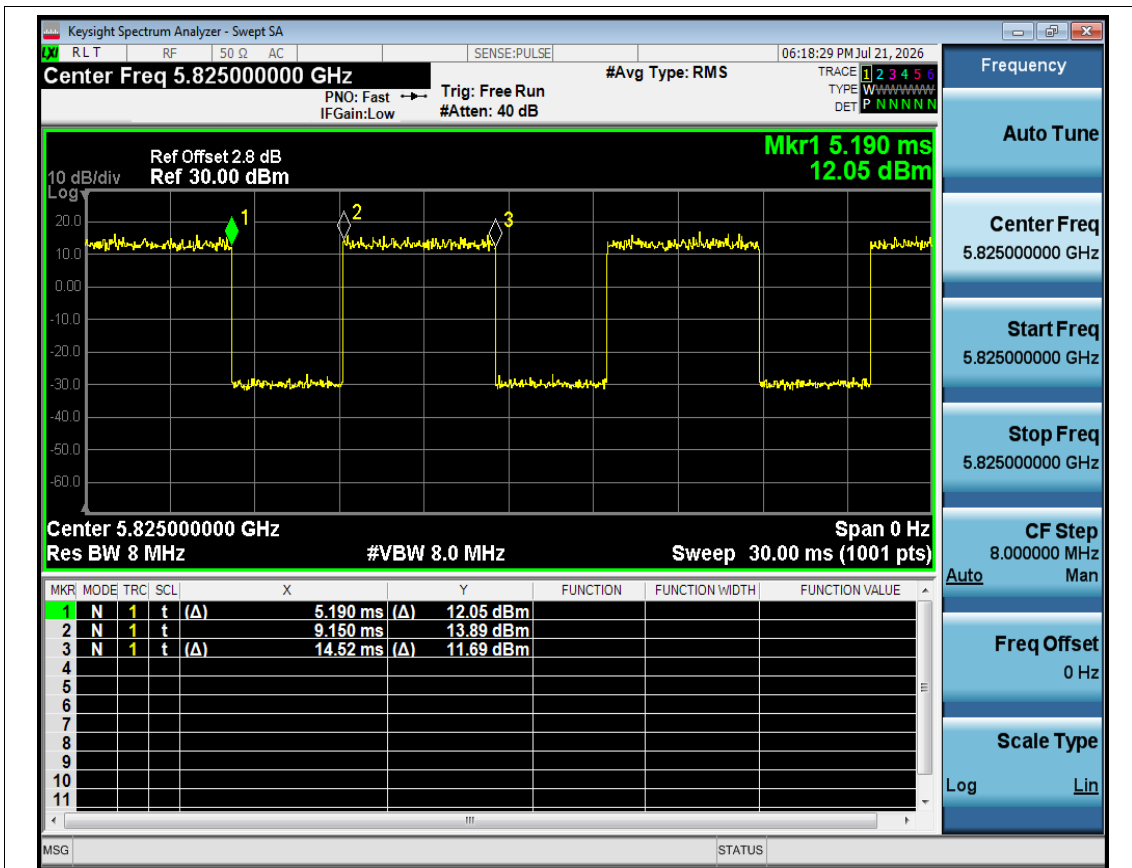
Duty Cycle NVNT n40 5795MHz Ant1



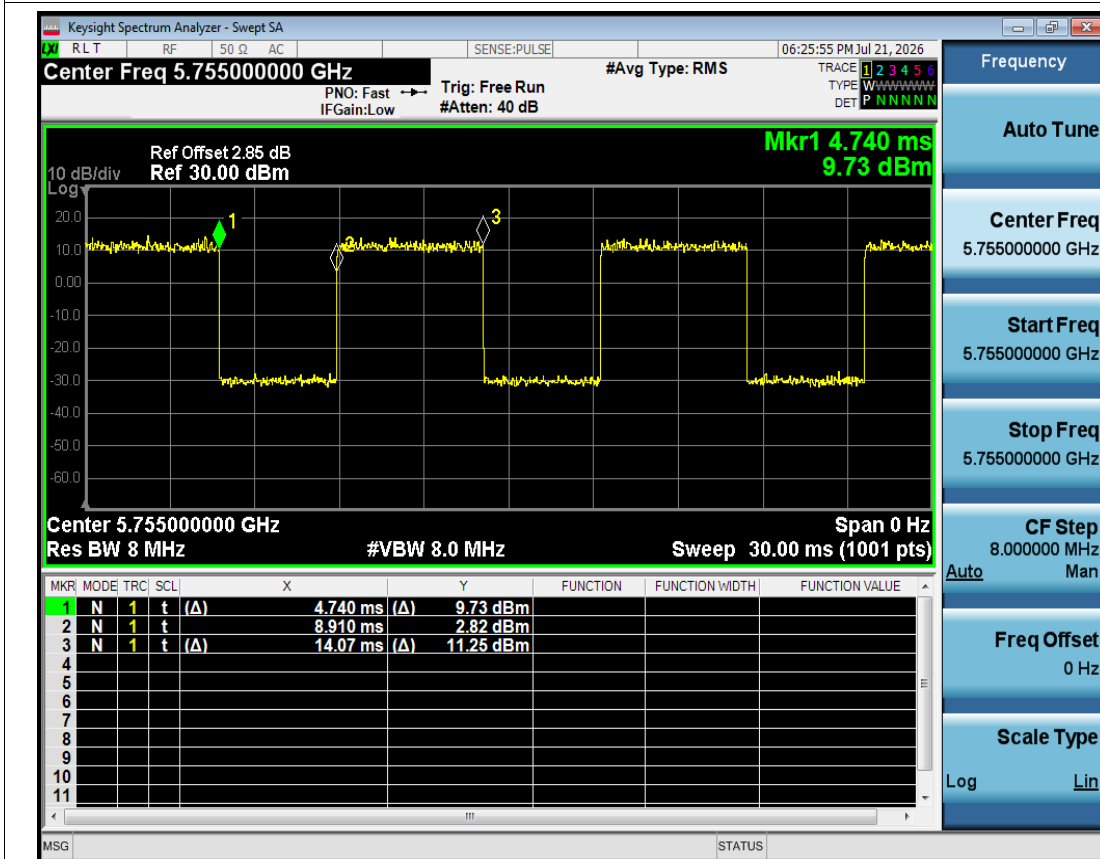
Duty Cycle NVNT ac20 5745MHz Ant1



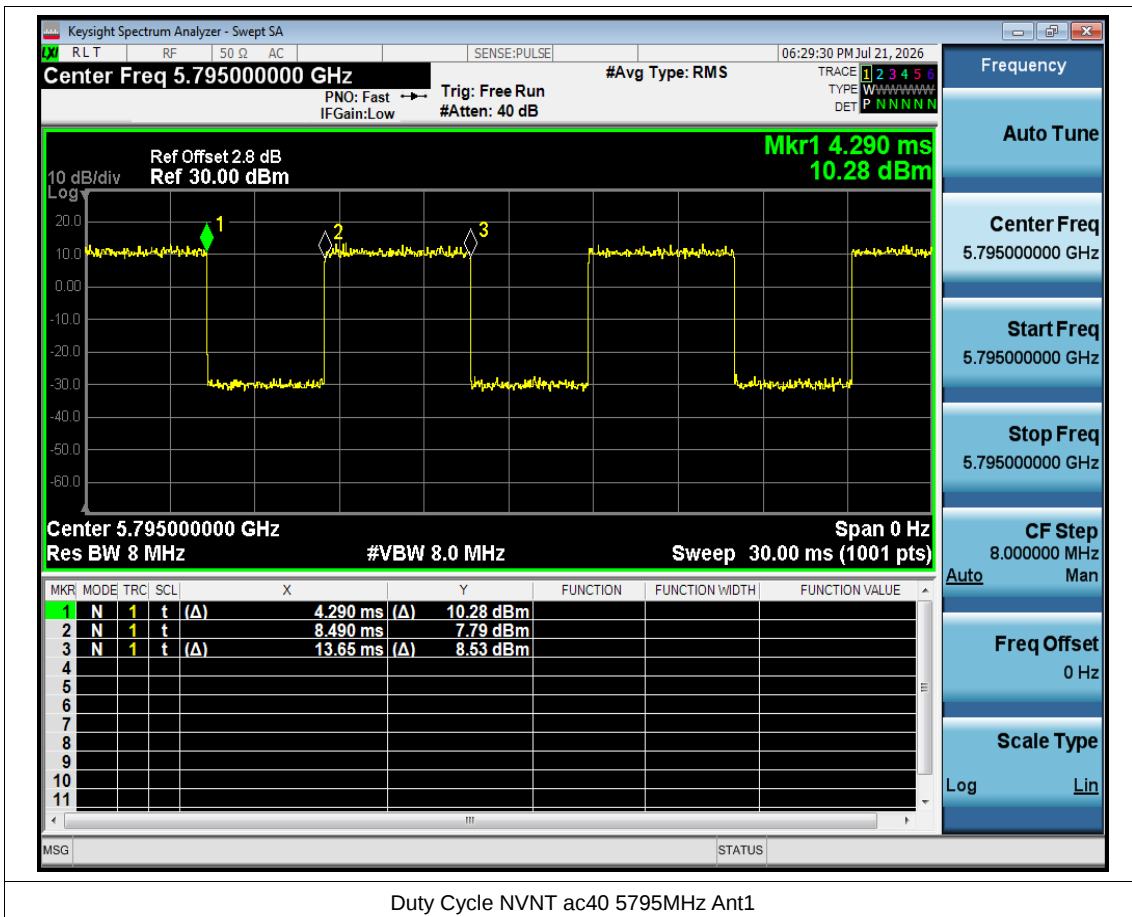
Duty Cycle NVNT ac20 5785MHz Ant1



Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1

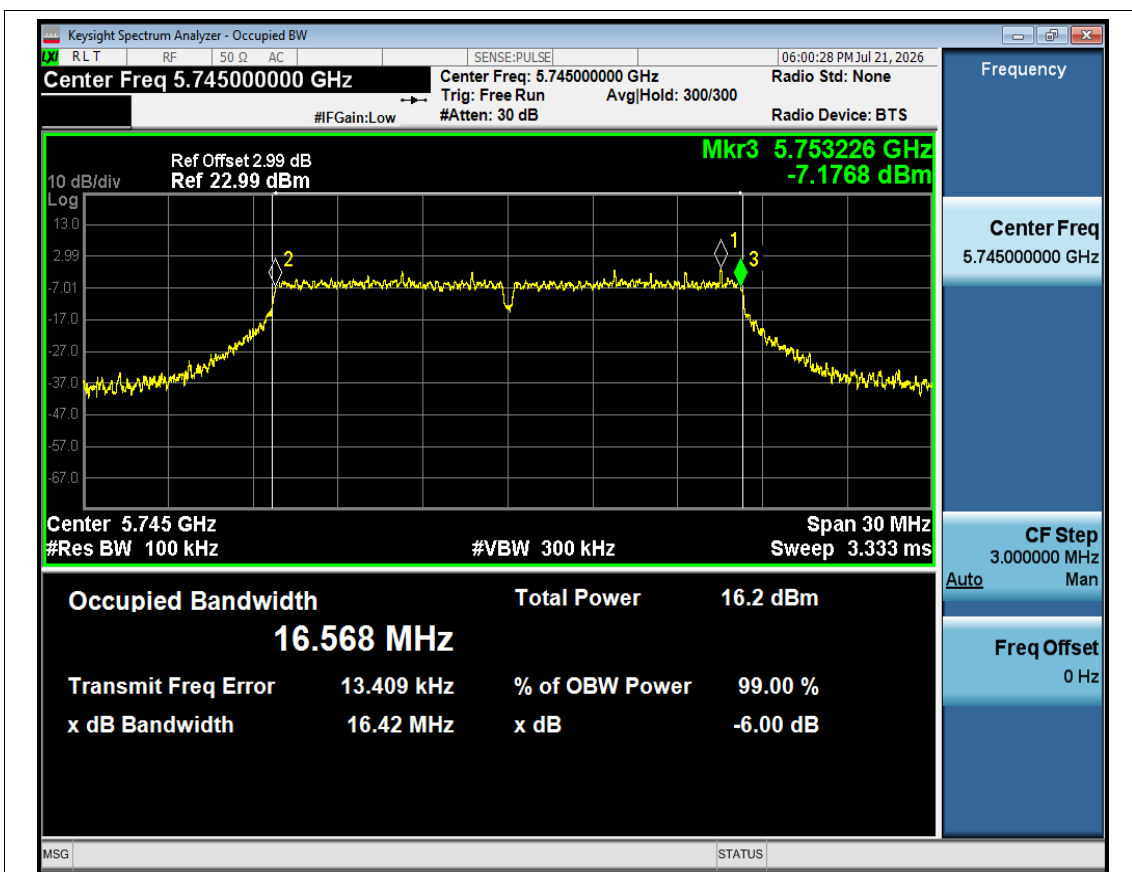


Maximum Conducted Output Power

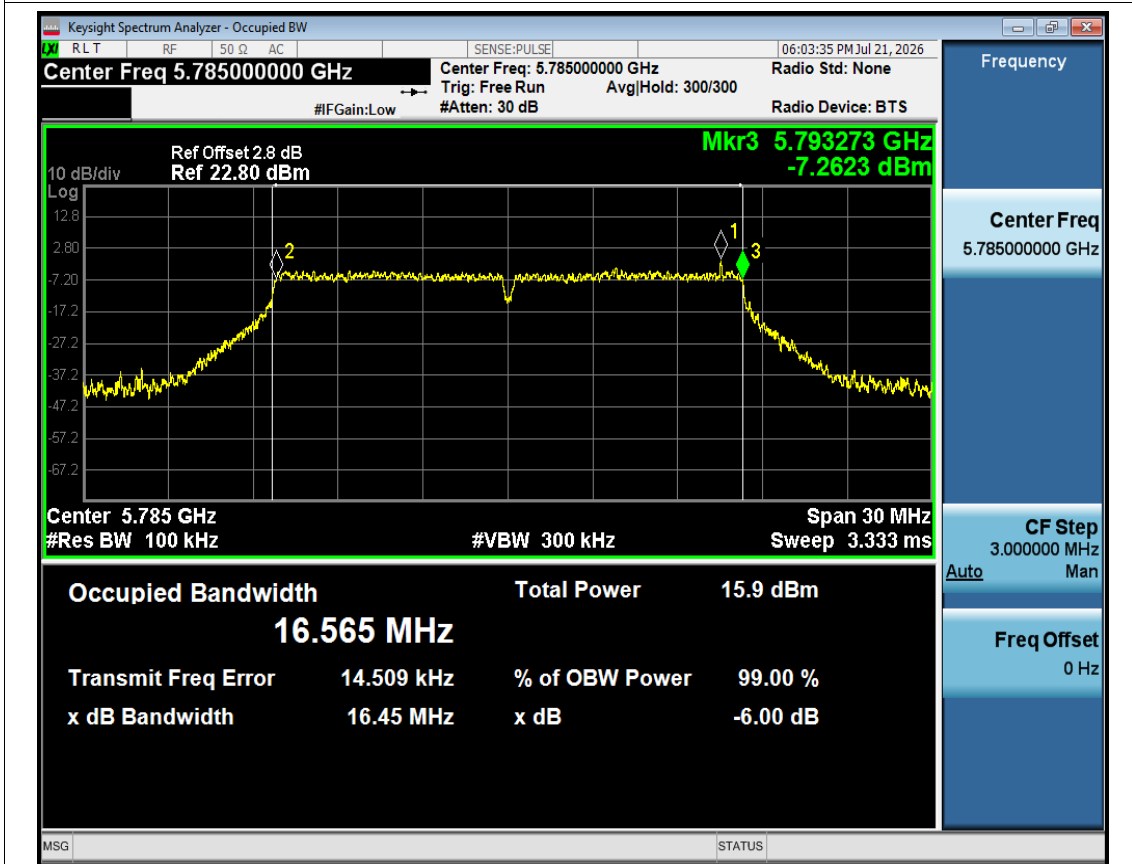
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	10.26	0.01062	30	Pass
NVNT	a	5785	Ant1	10.75	0.01189	30	Pass
NVNT	a	5825	Ant1	9.8	0.00955	30	Pass
NVNT	n20	5745	Ant1	10.73	0.01183	30	Pass
NVNT	n20	5785	Ant1	10.83	0.01211	30	Pass
NVNT	n20	5825	Ant1	9.88	0.00973	30	Pass
NVNT	n40	5755	Ant1	10.52	0.01127	30	Pass
NVNT	n40	5795	Ant1	10.56	0.01138	30	Pass
NVNT	ac20	5745	Ant1	10.73	0.01183	30	Pass
NVNT	ac20	5785	Ant1	10.82	0.01208	30	Pass
NVNT	ac20	5825	Ant1	9.91	0.00979	30	Pass
NVNT	ac40	5755	Ant1	10.53	0.0113	30	Pass
NVNT	ac40	5795	Ant1	10.57	0.0114	30	Pass

-6dB Bandwidth

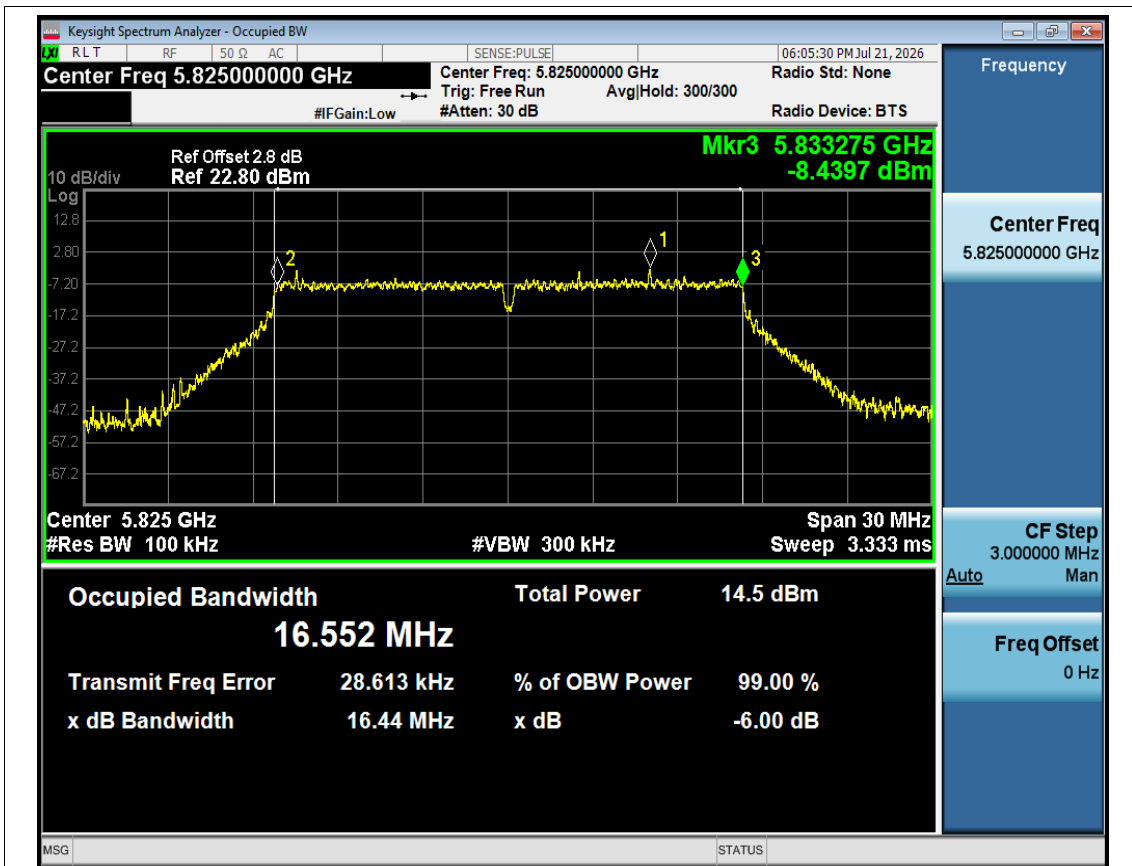
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.42	0.5	Pass
NVNT	a	5785	Ant1	16.45	0.5	Pass
NVNT	a	5825	Ant1	16.44	0.5	Pass
NVNT	n20	5745	Ant1	17.71	0.5	Pass
NVNT	n20	5785	Ant1	17.67	0.5	Pass
NVNT	n20	5825	Ant1	17.75	0.5	Pass
NVNT	n40	5755	Ant1	36.34	0.5	Pass
NVNT	n40	5795	Ant1	36.35	0.5	Pass
NVNT	ac20	5745	Ant1	17.67	0.5	Pass
NVNT	ac20	5785	Ant1	17.76	0.5	Pass
NVNT	ac20	5825	Ant1	17.63	0.5	Pass
NVNT	ac40	5755	Ant1	36.37	0.5	Pass
NVNT	ac40	5795	Ant1	36.37	0.5	Pass



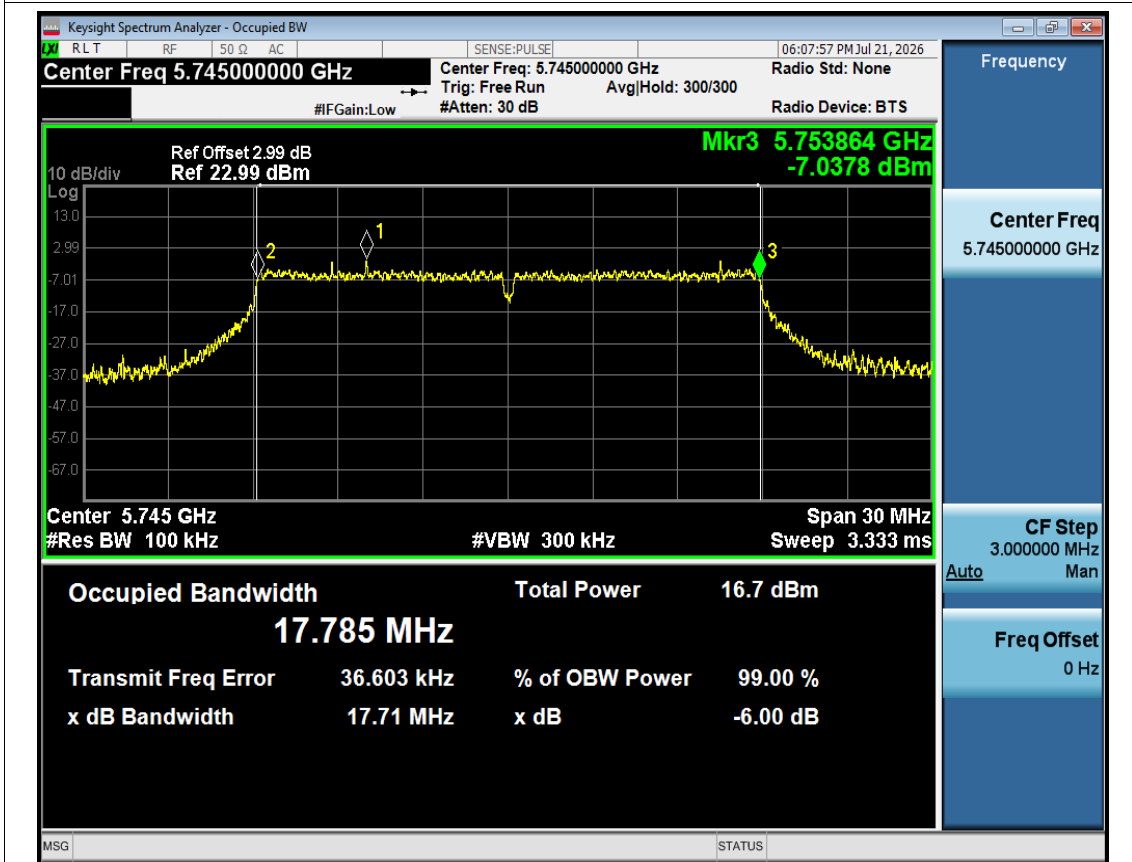
-6dB Bandwidth NVNT a 5745MHz Ant1



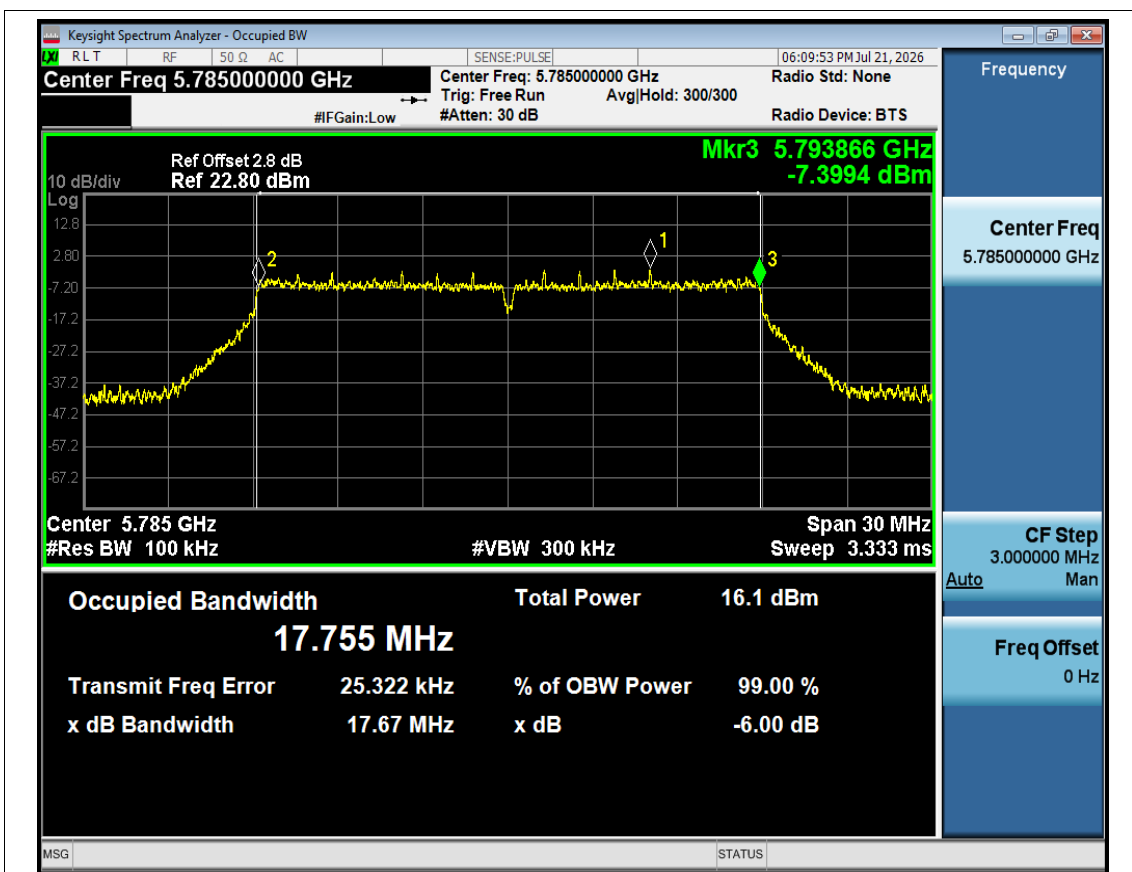
-6dB Bandwidth NVNT a 5785MHz Ant1



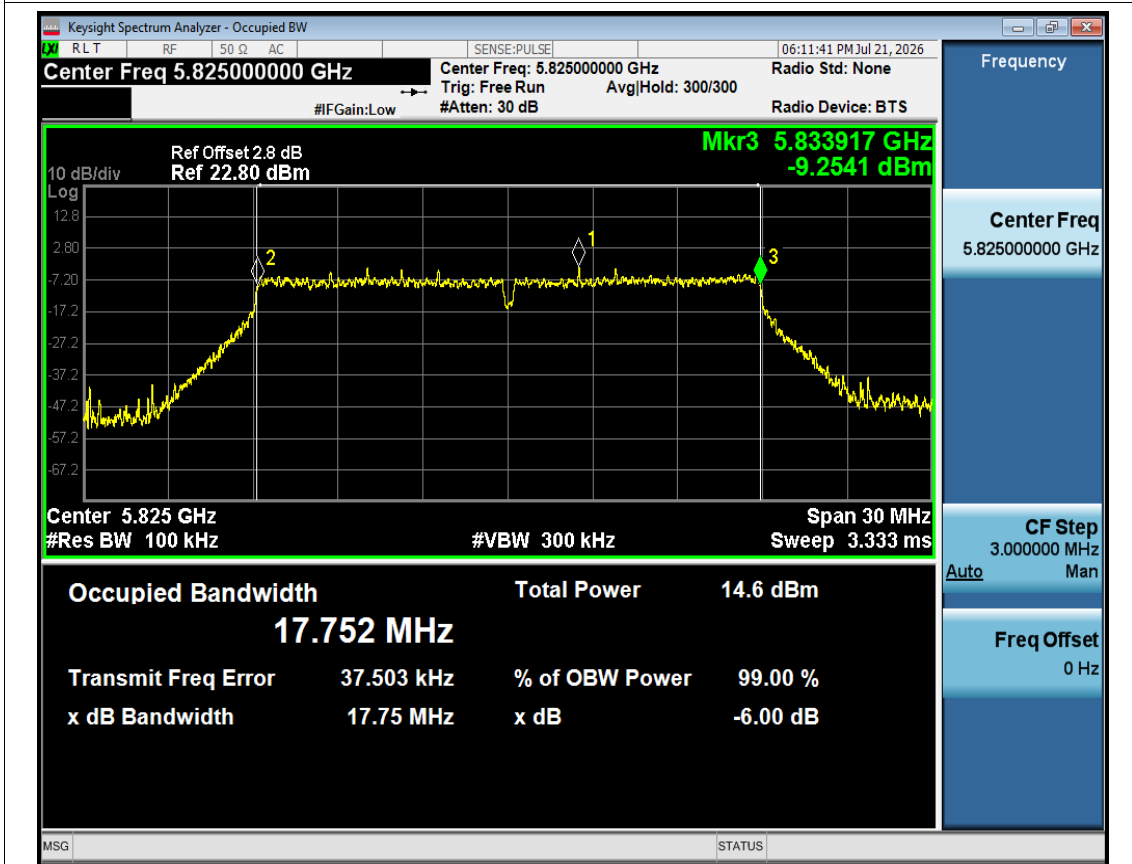
-6dB Bandwidth NVNT a 5825MHz Ant1



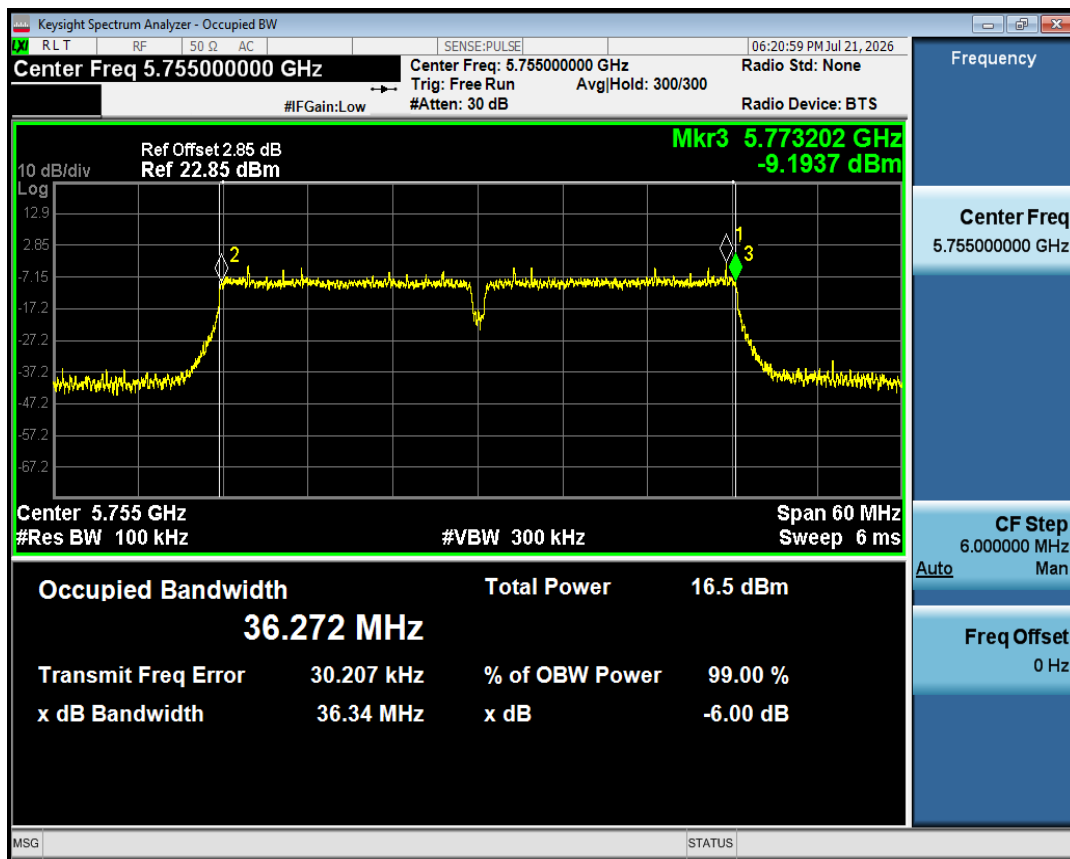
-6dB Bandwidth NVNT n20 5745MHz Ant1



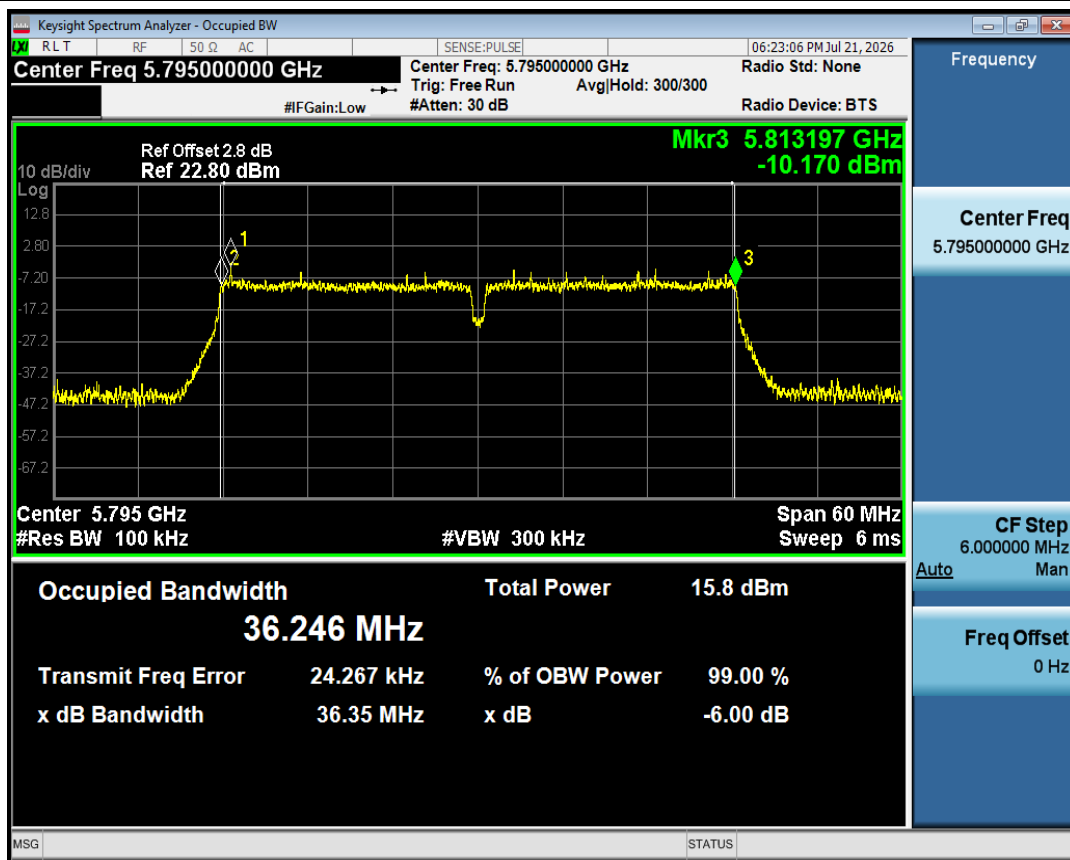
-6dB Bandwidth NVNT n20 5785MHz Ant1



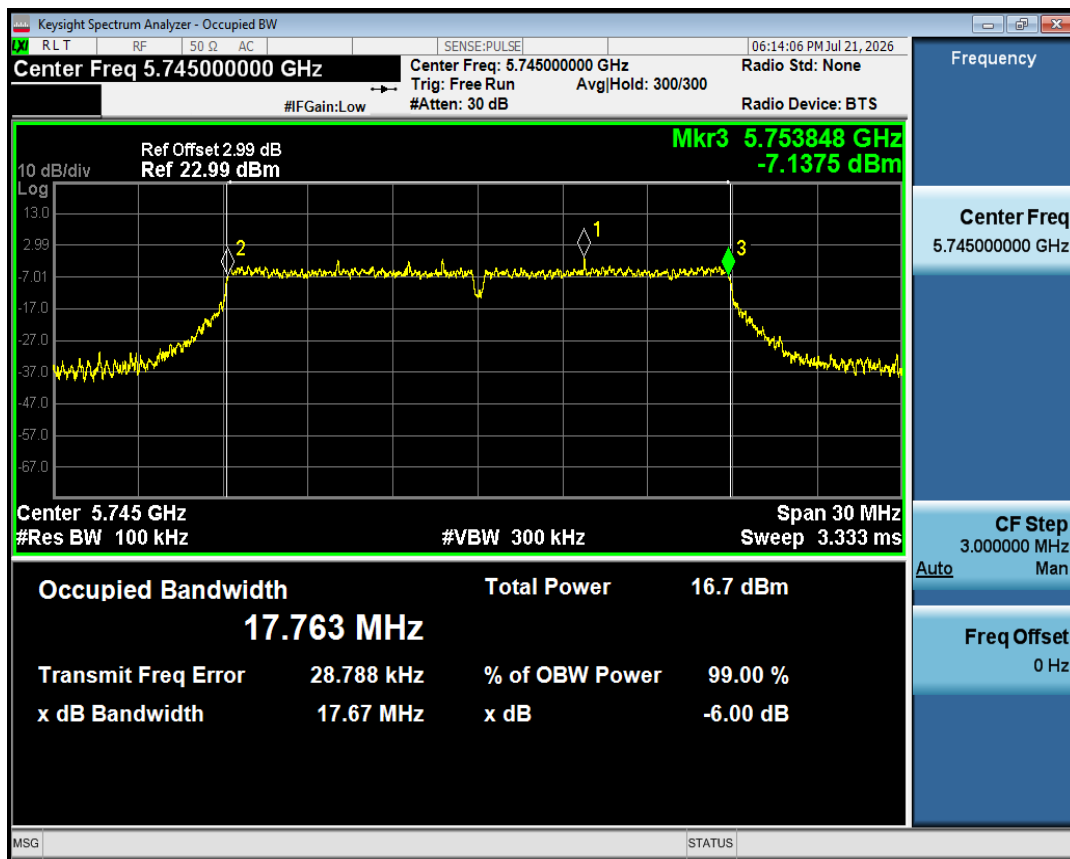
-6dB Bandwidth NVNT n20 5825MHz Ant1



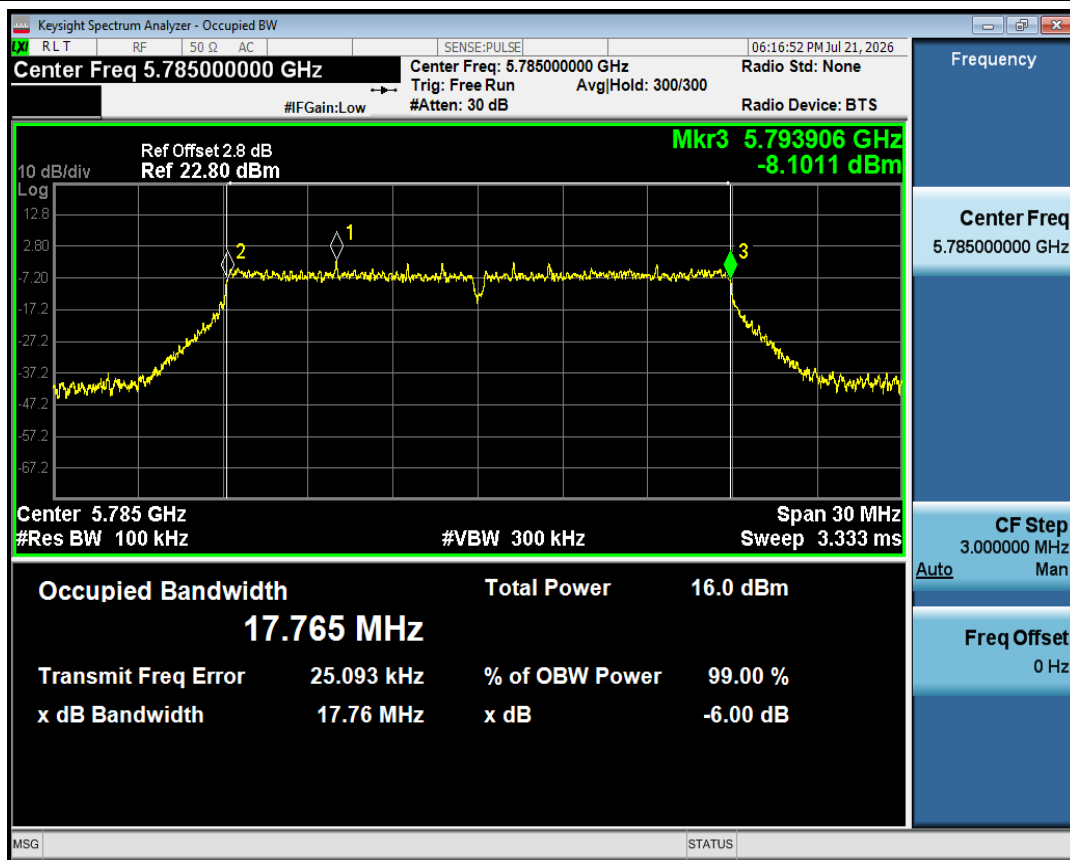
-6dB Bandwidth NVNT n40 5755MHz Ant1



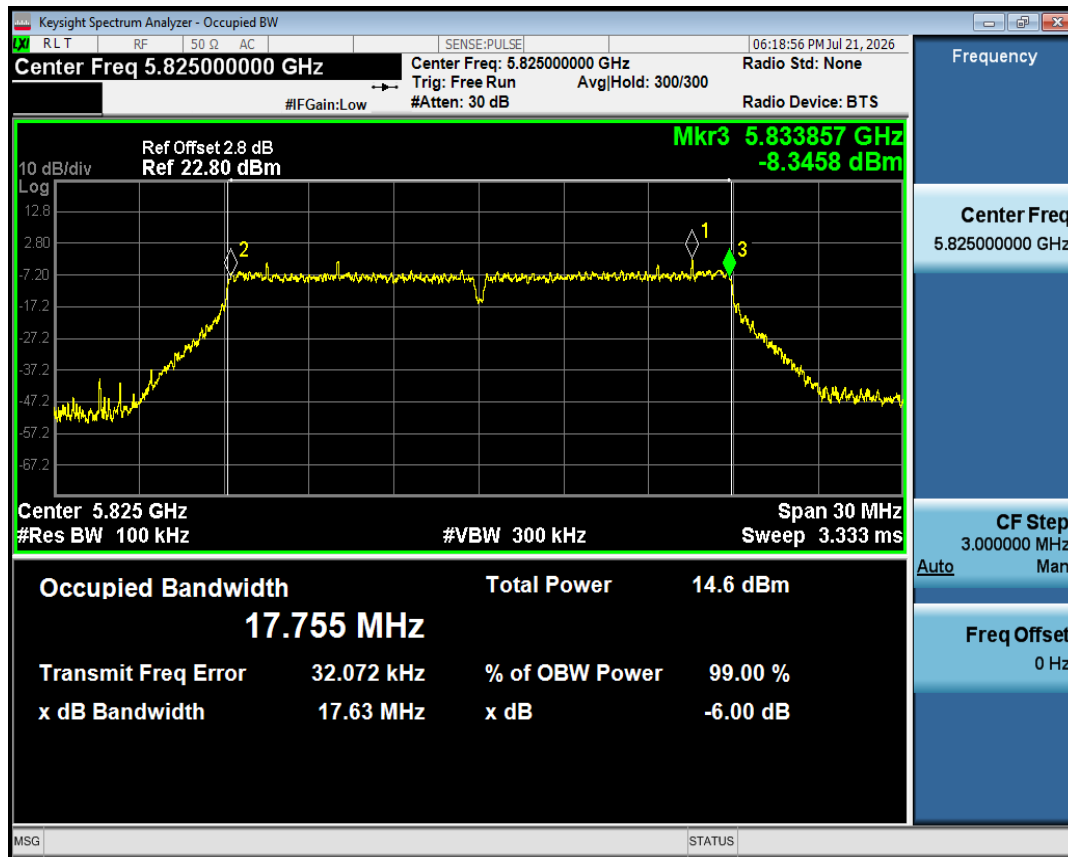
-6dB Bandwidth NVNT n40 5795MHz Ant1



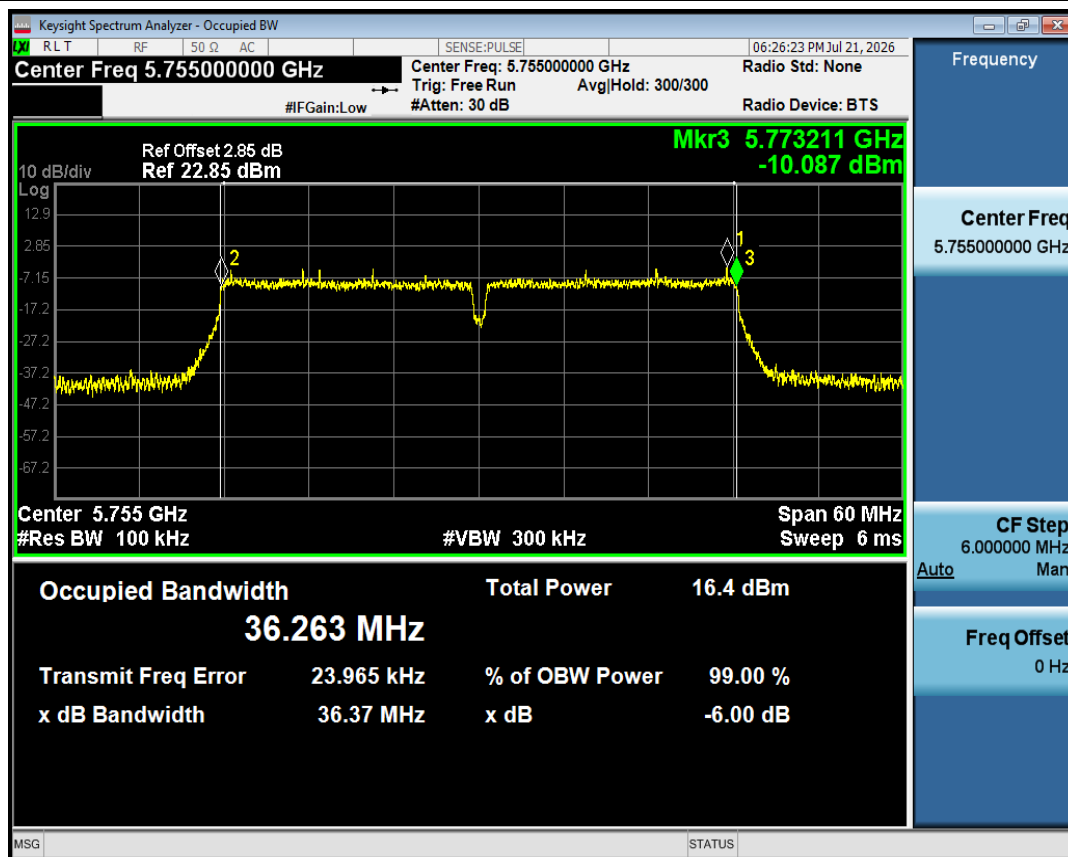
-6dB Bandwidth NVNT ac20 5745MHz Ant1



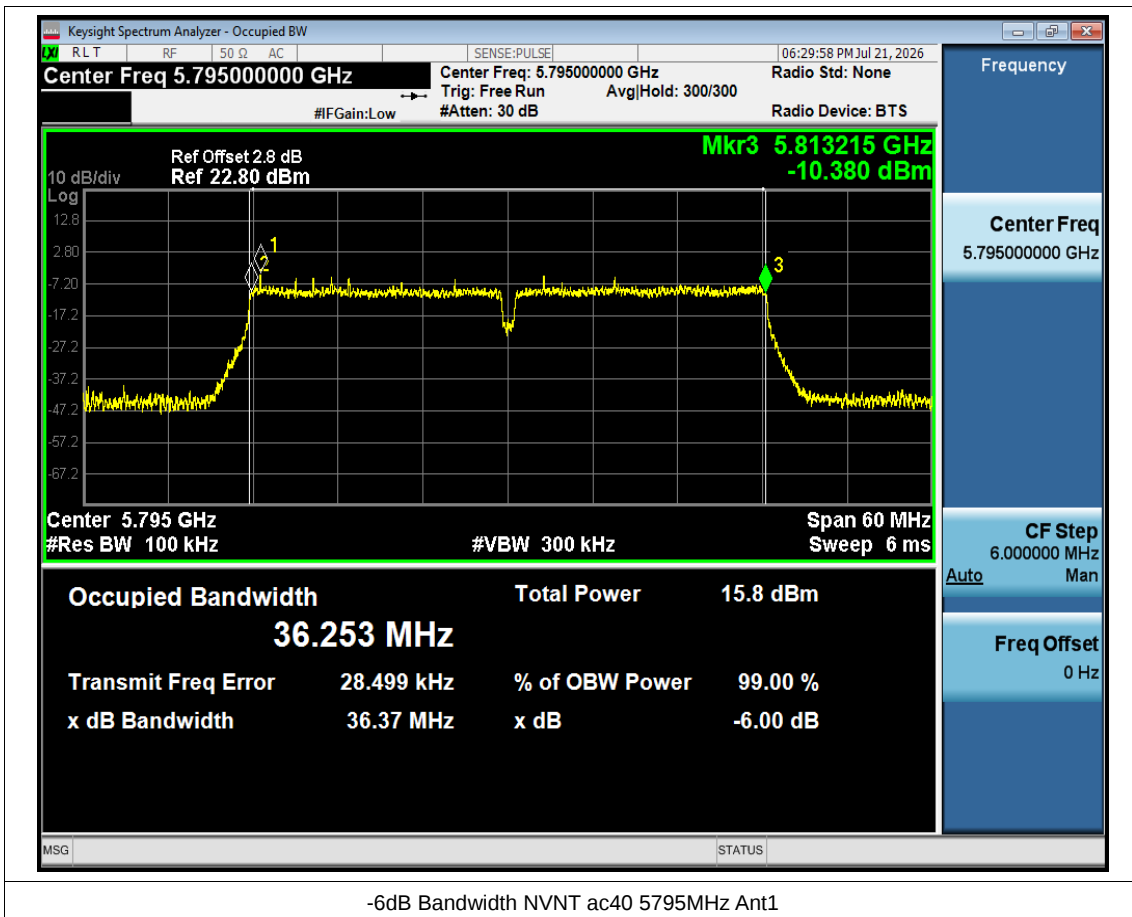
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1

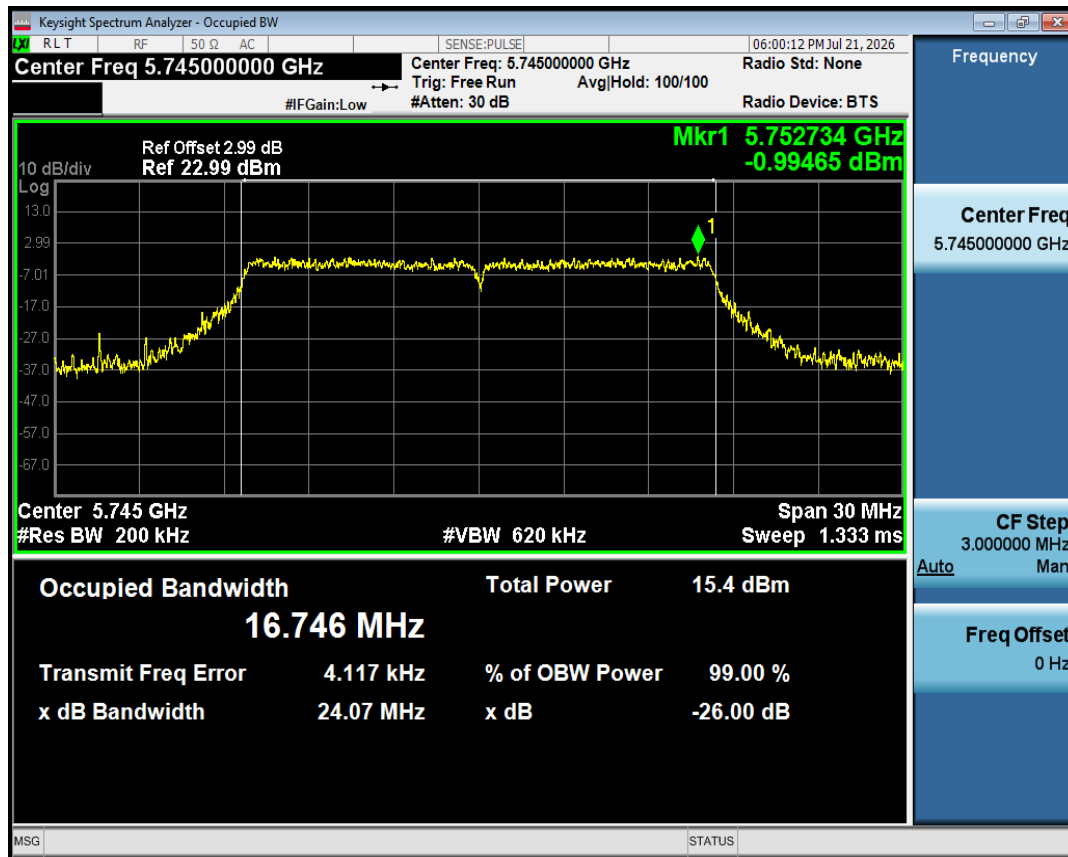


-6dB Bandwidth NVNT ac40 5755MHz Ant1

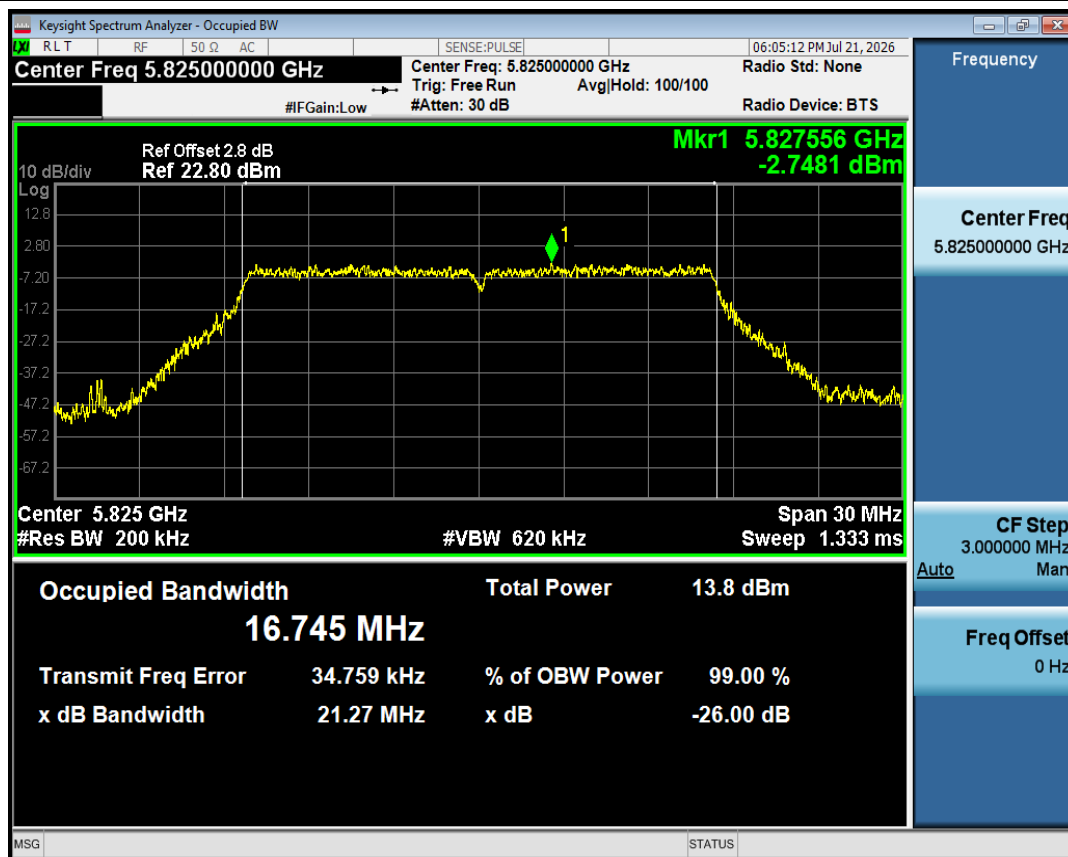


Occupied Channel Bandwidth

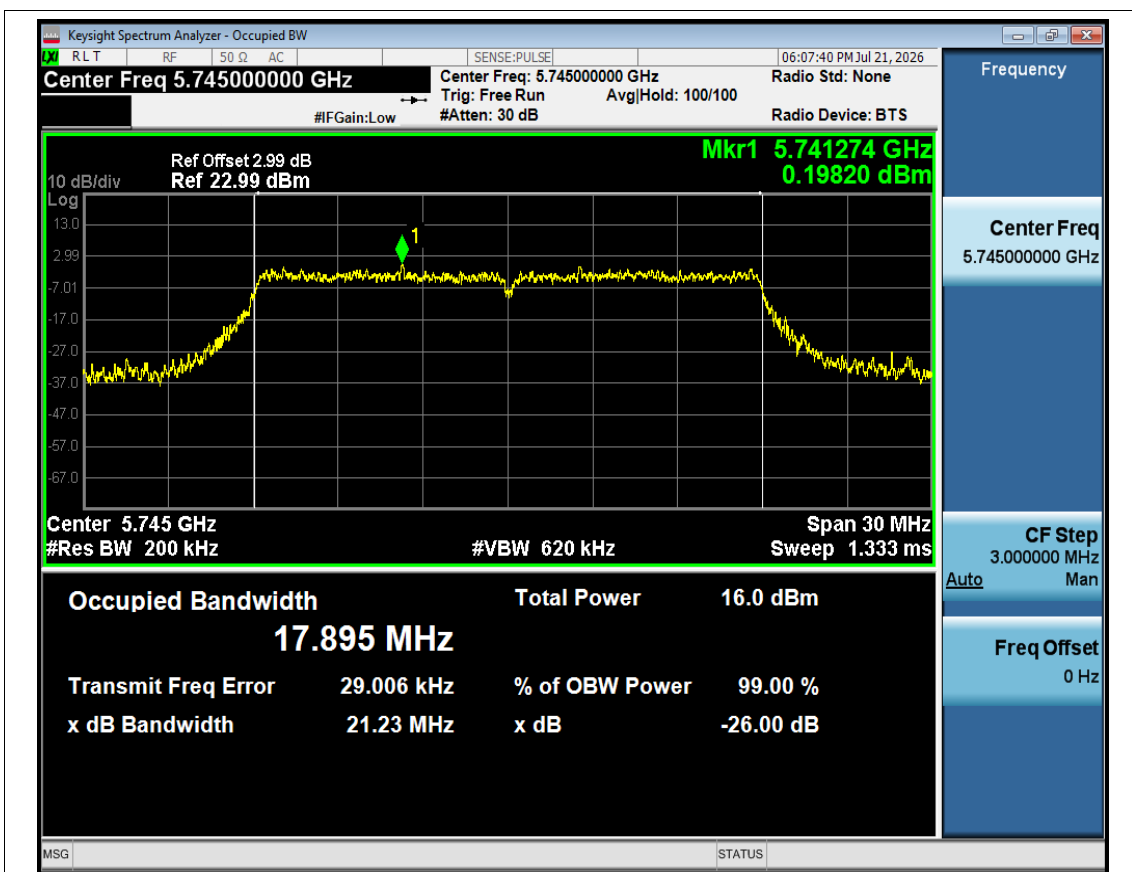
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.746
NVNT	a	5825	Ant1	16.745
NVNT	n20	5745	Ant1	17.895
NVNT	n20	5825	Ant1	17.87
NVNT	n40	5755	Ant1	36.446
NVNT	n40	5795	Ant1	36.389
NVNT	ac20	5745	Ant1	17.886
NVNT	ac20	5825	Ant1	17.911
NVNT	ac40	5755	Ant1	36.468
NVNT	ac40	5795	Ant1	36.364



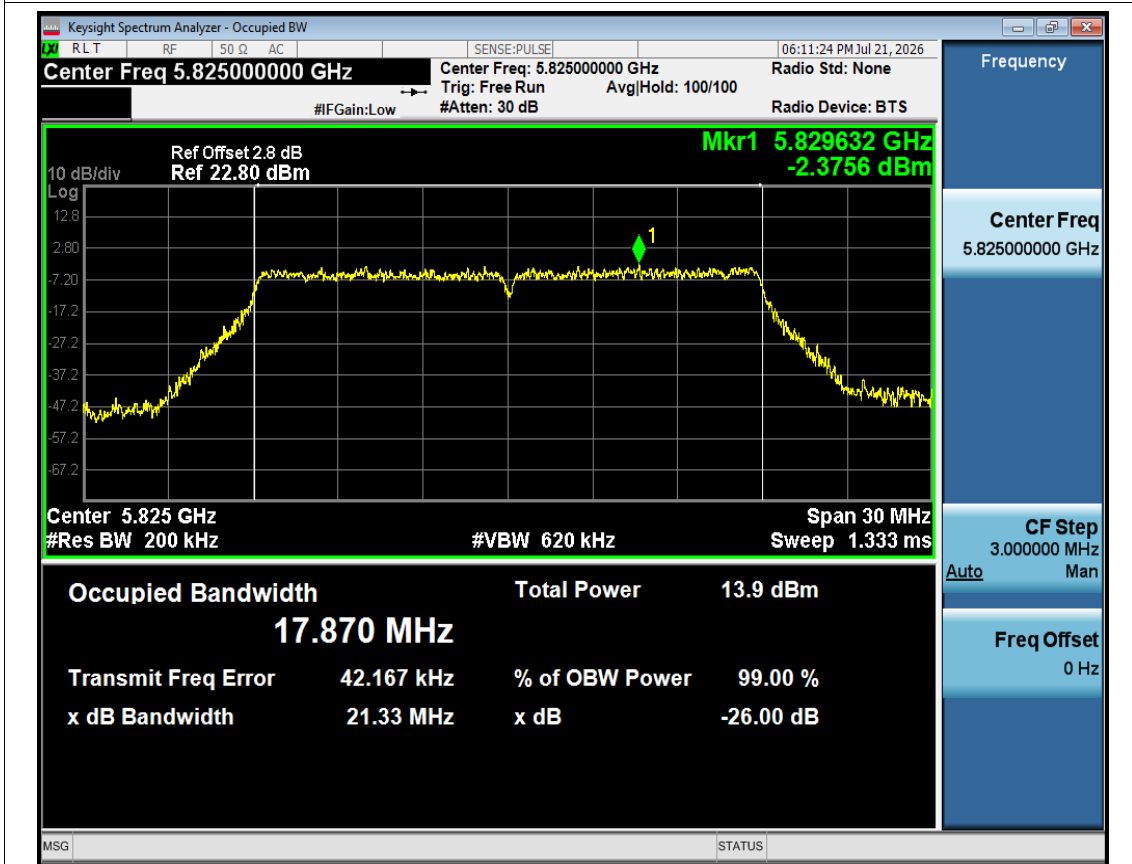
OBW NVNT a 5745MHz Ant1



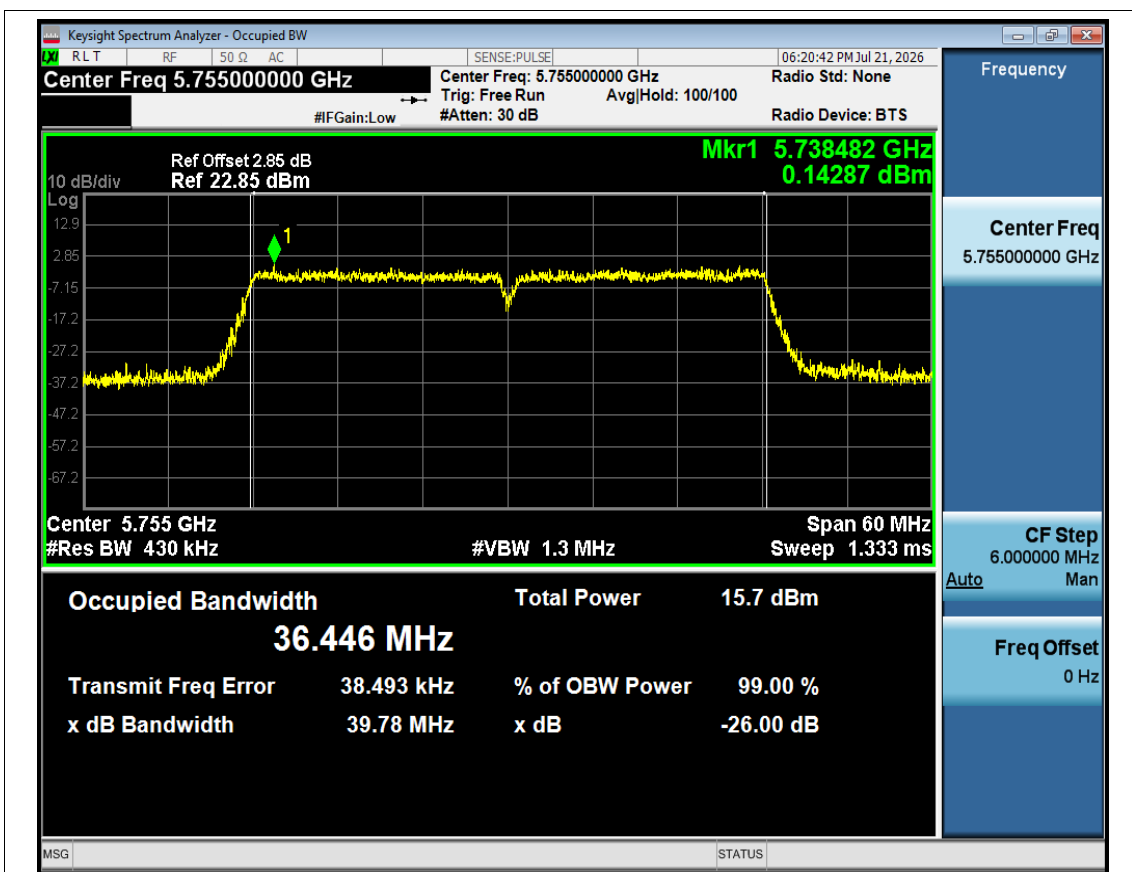
OBW NVNT a 5825MHz Ant1



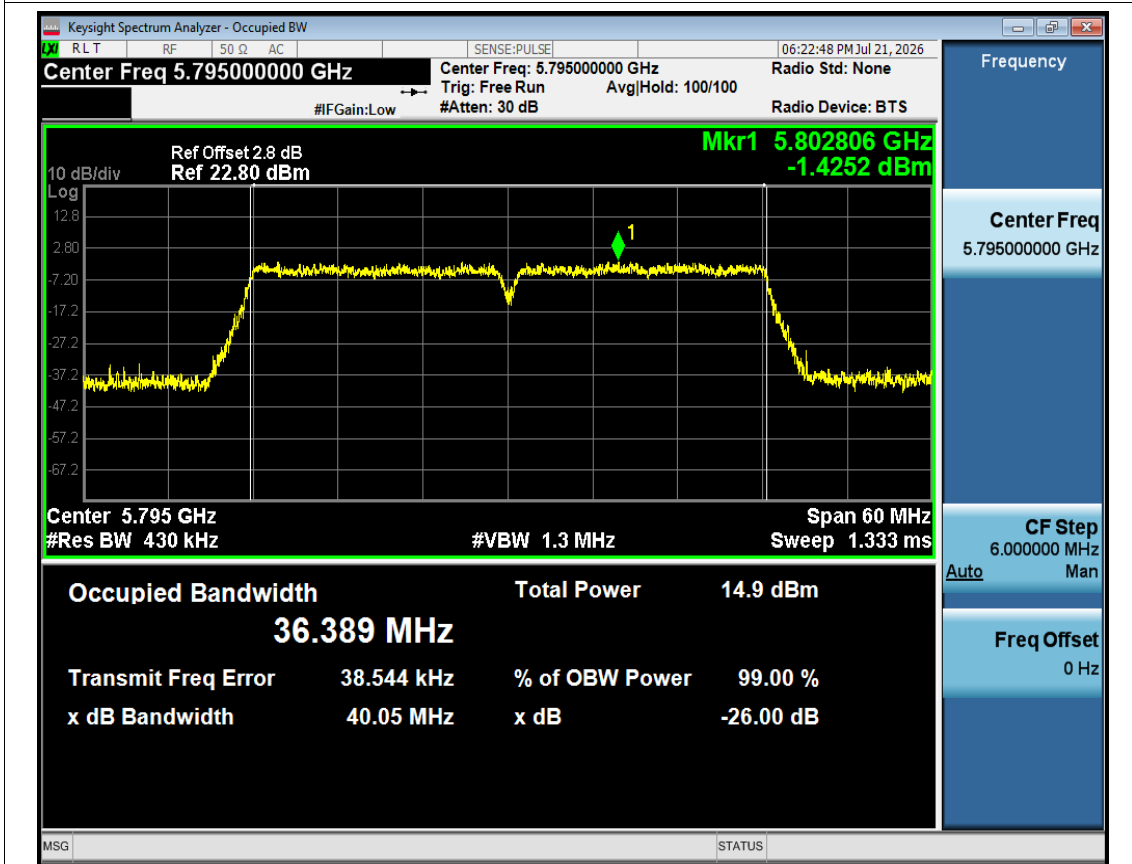
OBW NVNT n20 5745MHz Ant1



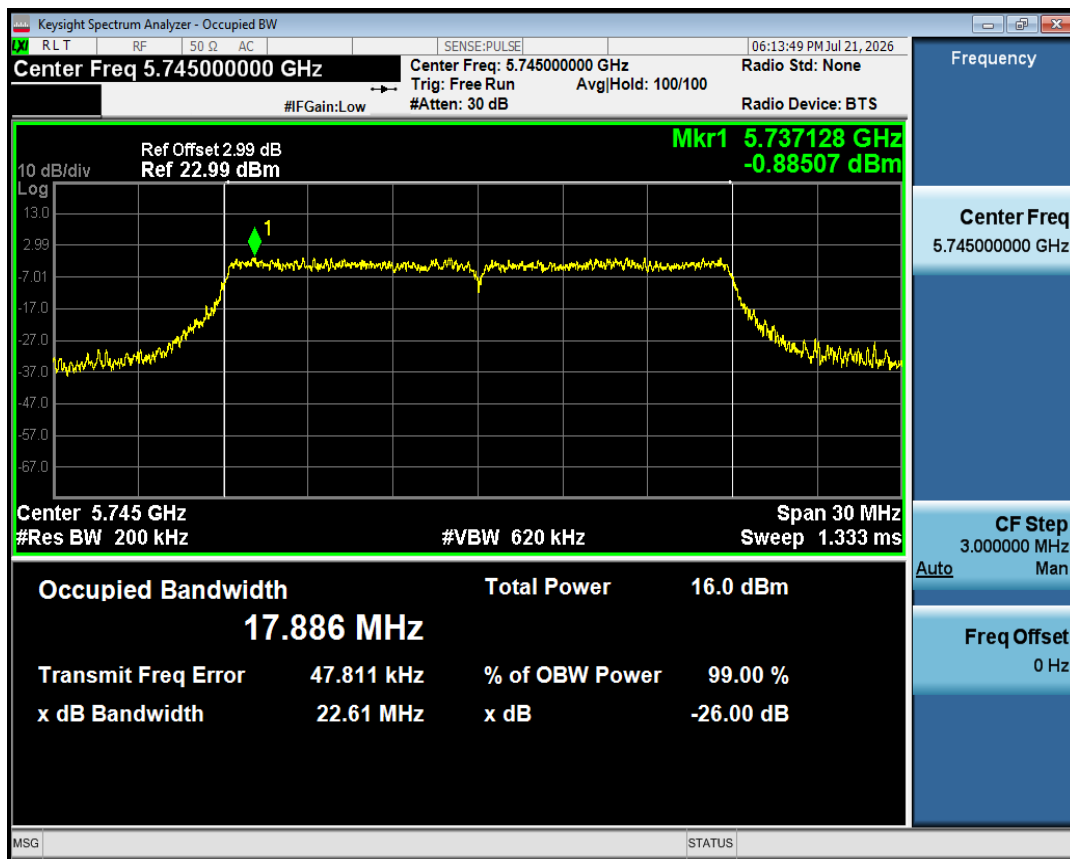
OBW NVNT n20 5825MHz Ant1



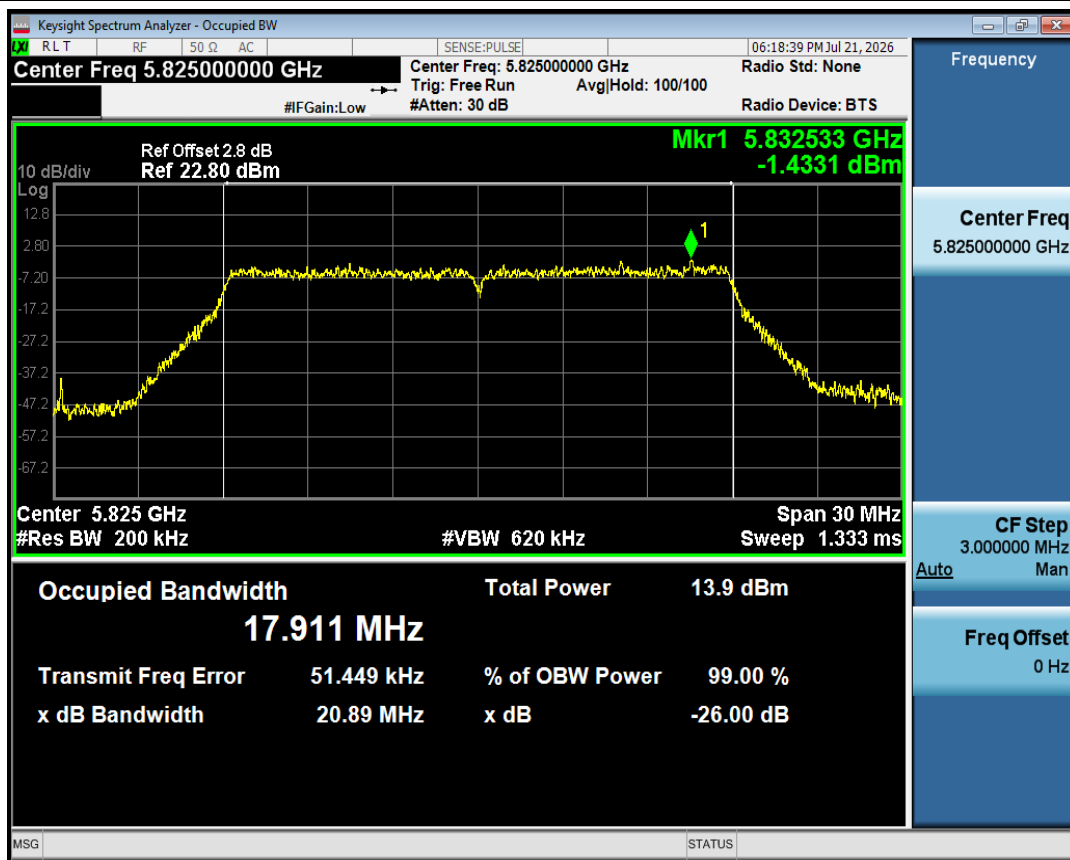
OBW NVNT n40 5755MHz Ant1



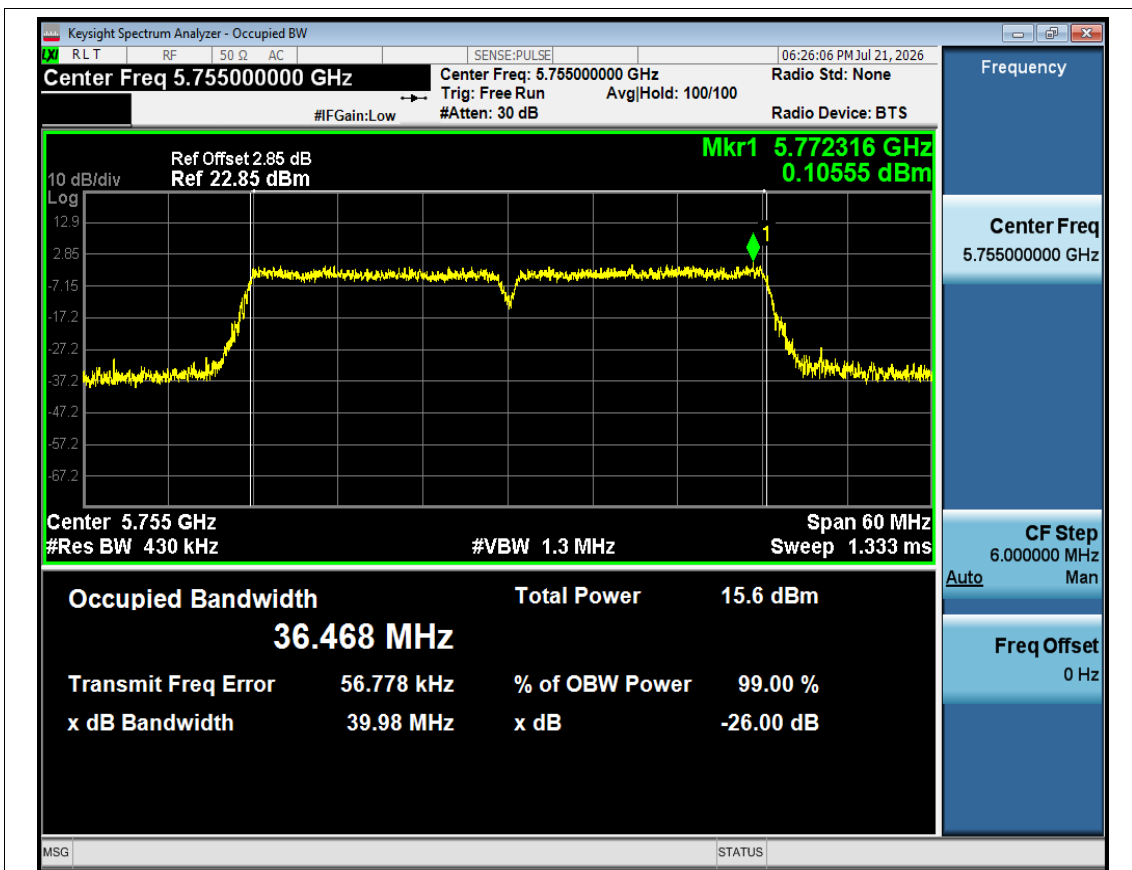
OBW NVNT n40 5795MHz Ant1



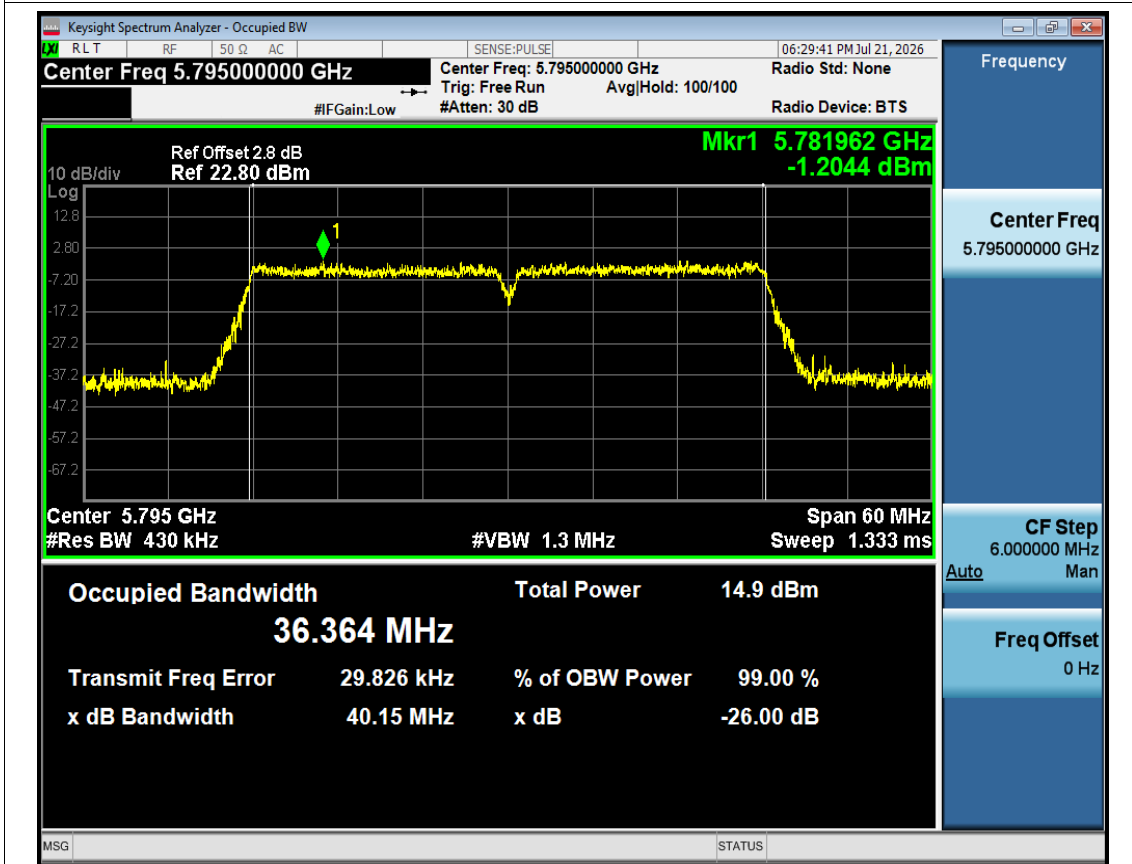
OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



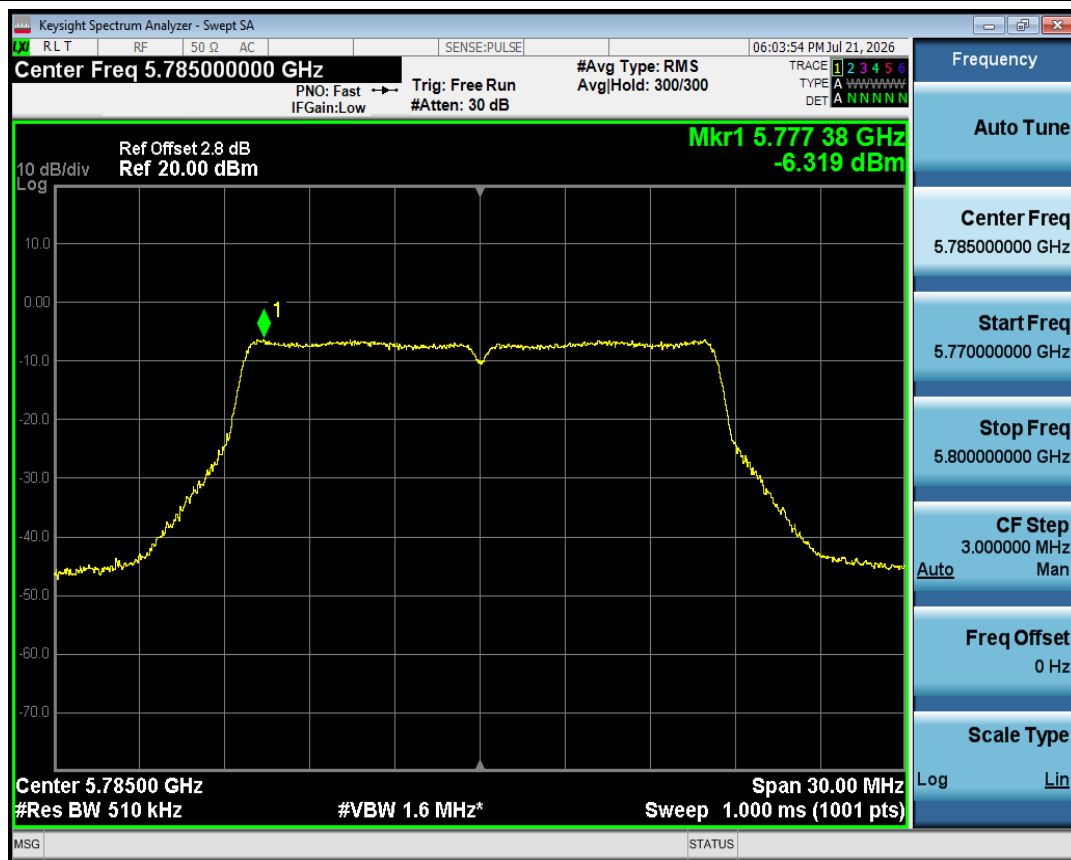
OBW NVNT ac40 5795MHz Ant1

Maximum Power Spectral Density Level

Condi tion	Mo de	Freque ncy (MHz)	Ante nna	Conduct ed PSD (dBm/51 0kHz)	Dut y Fac tor (dB)	Total Conduct ed PSD (dBm/51 0kHz)	RB W Fac tor (dB)	Total Conduct ed PSD (dBm/50 0kHz)	Limit Conducted(dBm /500kHz)	Verd ict
NVNT	a	5745	Ant1	-6.23	2.1	-4.13	-0.0 9	-4.22	30	Pass
NVNT	a	5785	Ant1	-6.32	2.3	-4.02	-0.0 9	-4.11	30	Pass
NVNT	a	5825	Ant1	-7.41	2.33	-5.08	-0.0 9	-5.17	30	Pass
NVNT	n20	5745	Ant1	-5.61	2.4	-3.21	-0.0 9	-3.3	30	Pass
NVNT	n20	5785	Ant1	-6.29	2.4	-3.89	-0.0 9	-3.98	30	Pass
NVNT	n20	5825	Ant1	-7.44	2.39	-5.05	-0.0 9	-5.14	30	Pass
NVNT	n40	5755	Ant1	-9.14	2.5	-6.64	-0.0 9	-6.73	30	Pass
NVNT	n40	5795	Ant1	-9.71	2.5	-7.21	-0.0 9	-7.3	30	Pass
NVNT	ac2 0	5745	Ant1	-5.78	2.4	-3.38	-0.0 9	-3.47	30	Pass
NVNT	ac2 0	5785	Ant1	-6.37	2.4	-3.97	-0.0 9	-4.06	30	Pass
NVNT	ac2 0	5825	Ant1	-7.22	2.4	-4.81	-0.0 9	-4.9	30	Pass
NVNT	ac4 0	5755	Ant1	-9.35	2.57	-6.78	-0.0 9	-6.87	30	Pass
NVNT	ac4 0	5795	Ant1	-10.13	2.59	-7.54	-0.0 9	-7.63	30	Pass



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



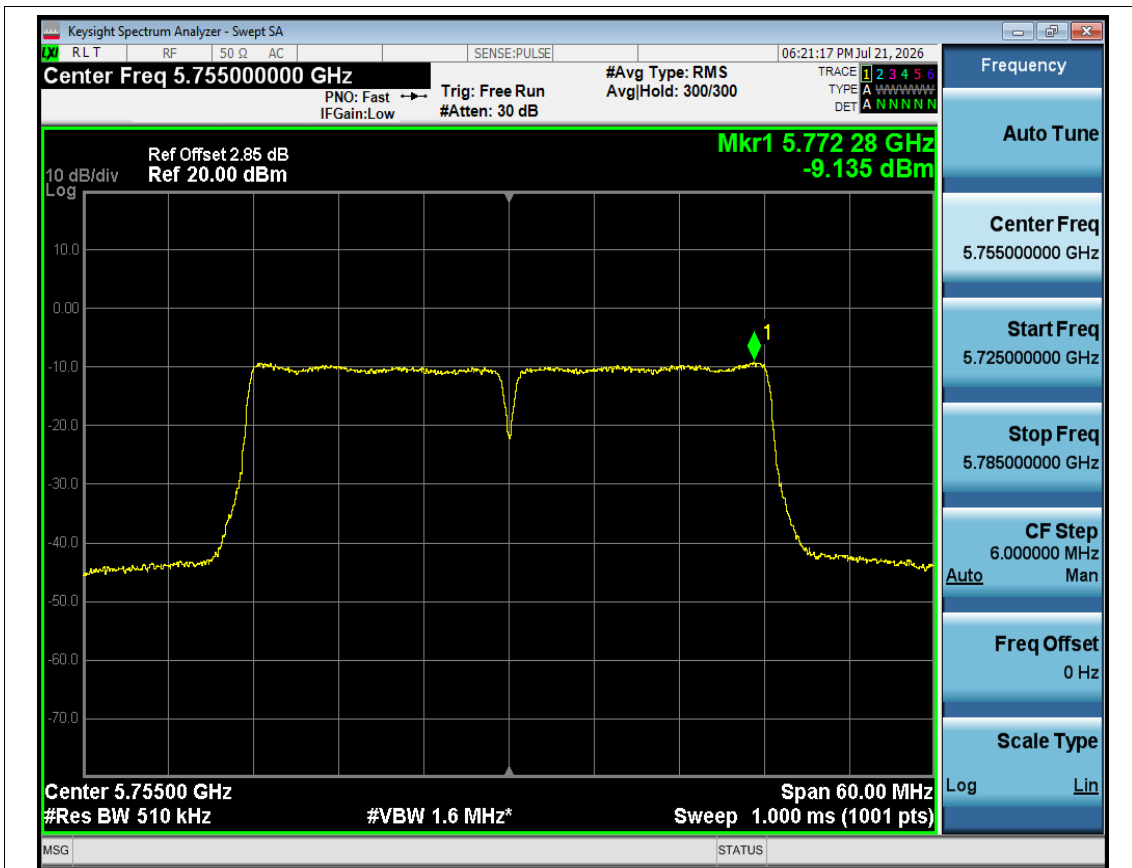
PSD NVNT n20 5745MHz Ant1



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



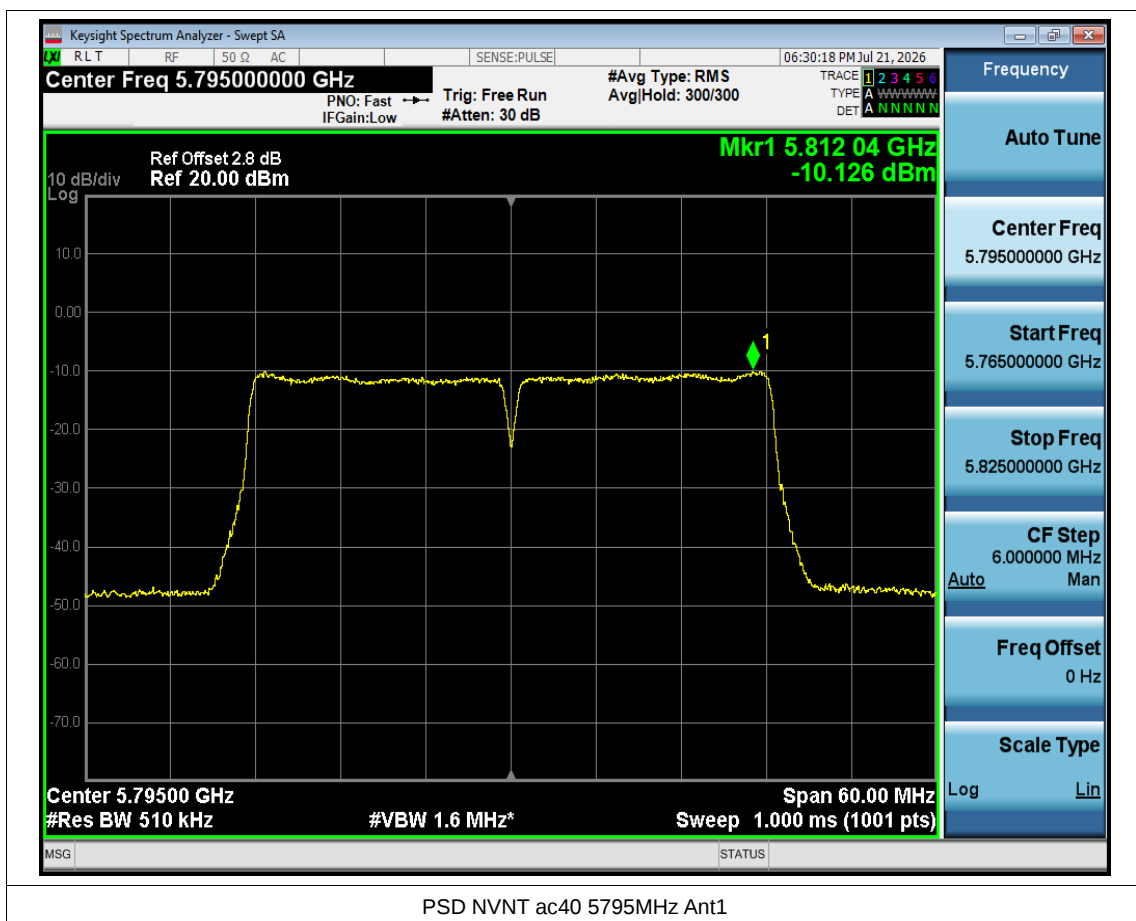
PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-41.55	See test Graph	Pass
NVNT	a	5825	Ant1	-42.38	See test Graph	Pass
NVNT	n20	5745	Ant1	-41.24	See test Graph	Pass
NVNT	n20	5825	Ant1	-42.96	See test Graph	Pass
NVNT	n40	5755	Ant1	-41.3	See test Graph	Pass
NVNT	n40	5795	Ant1	-42.13	See test Graph	Pass
NVNT	ac20	5745	Ant1	-41.77	See test Graph	Pass
NVNT	ac20	5825	Ant1	-42.54	See test Graph	Pass
NVNT	ac40	5755	Ant1	-41.39	See test Graph	Pass
NVNT	ac40	5795	Ant1	-41.99	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



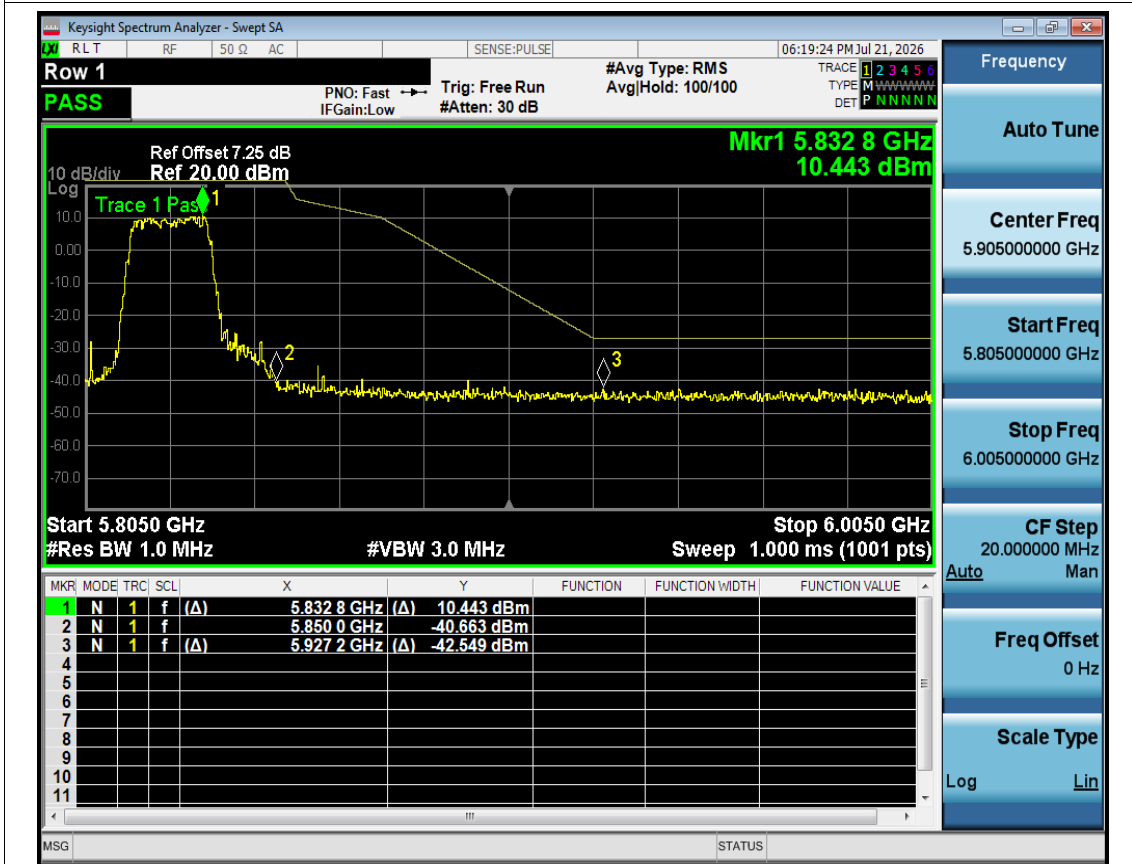
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



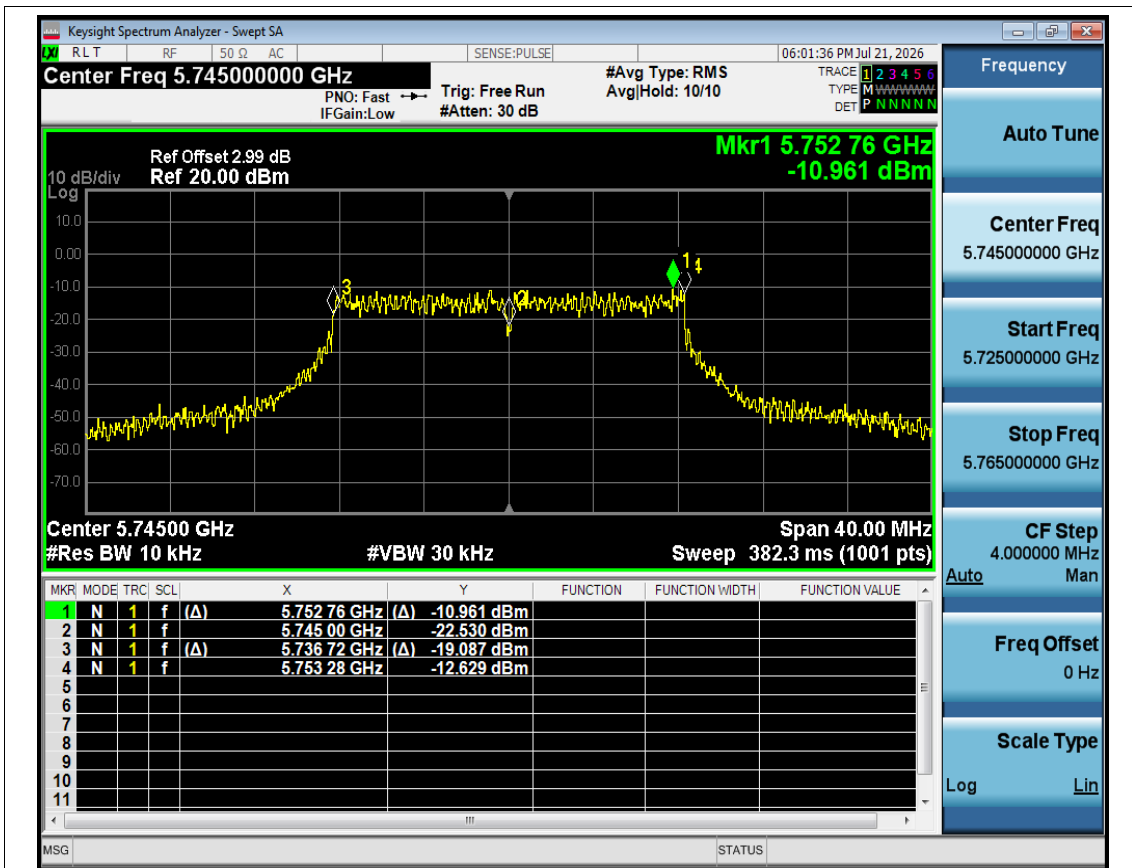
Band Edge NVNT ac40 5755MHz Low Ant1



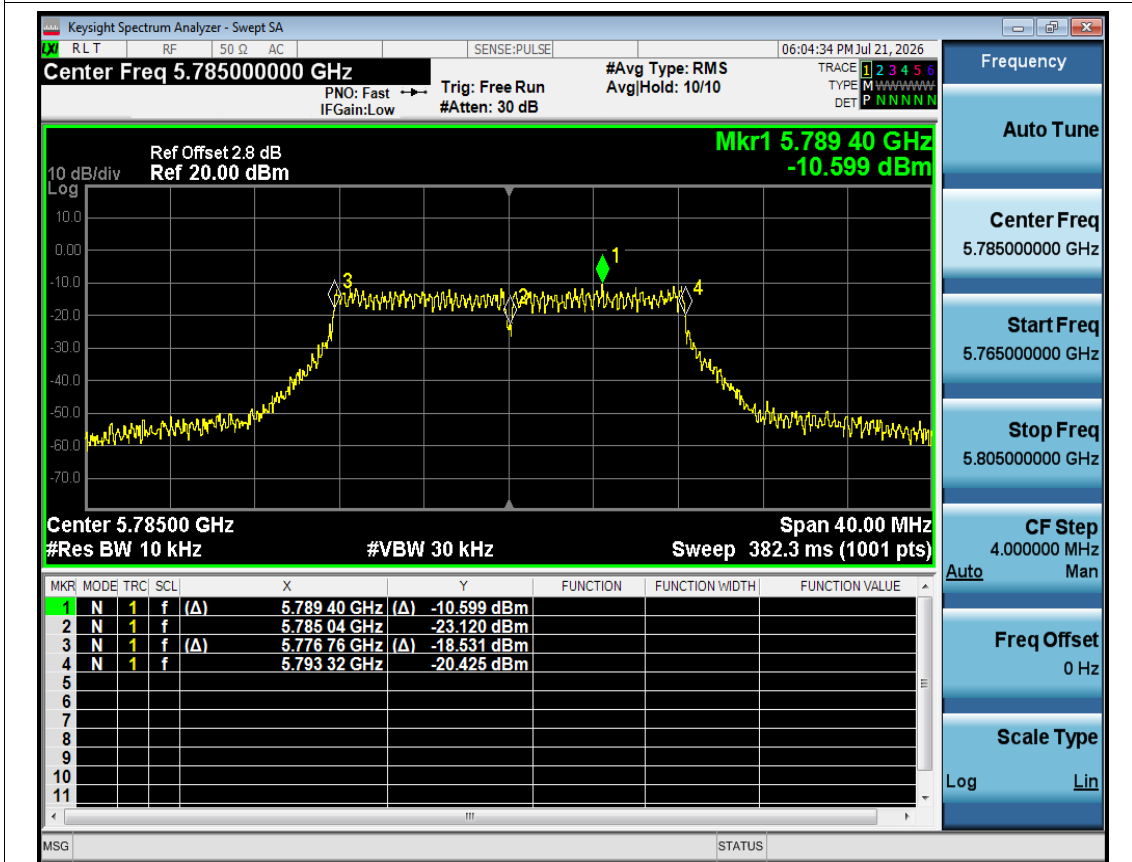
Band Edge NVNT ac40 5795MHz High Ant1

Frequency Stability

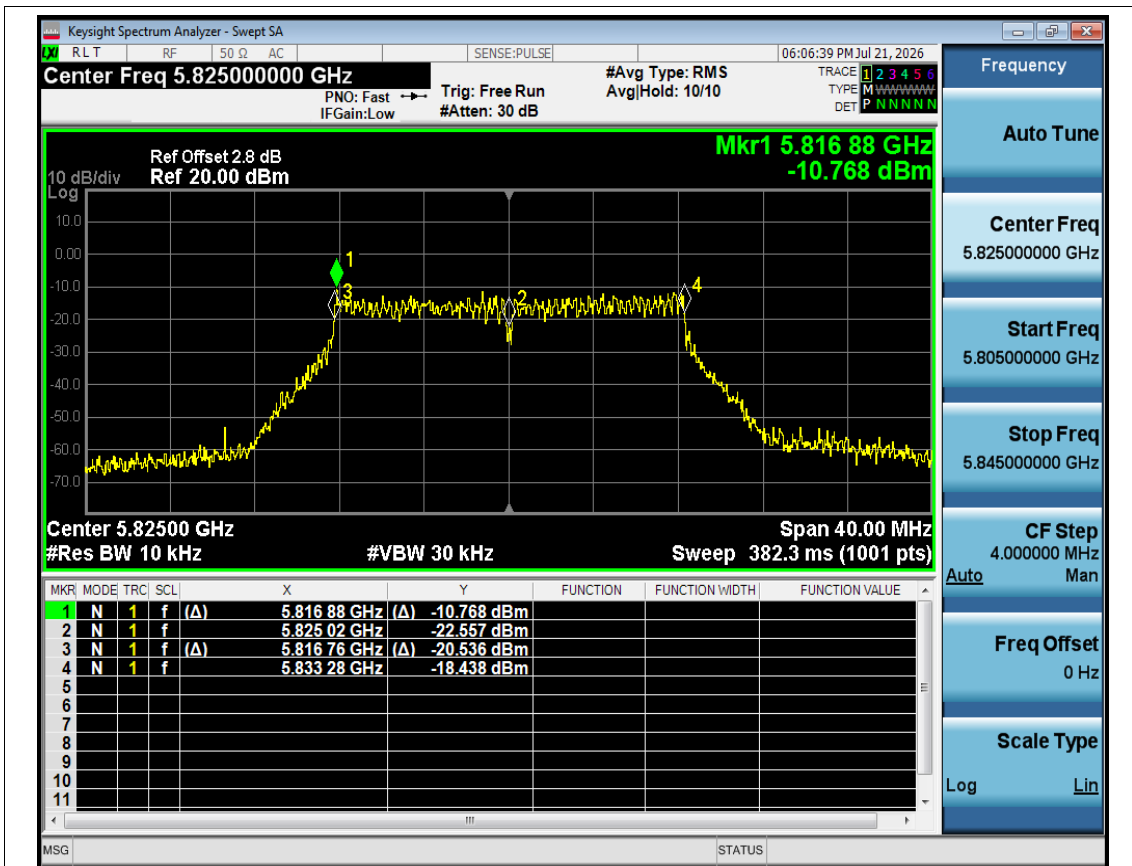
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	± 20	Pass
NVNT	a	5785	Ant1	5785.04	40000	6.91	± 20	Pass
NVNT	a	5825	Ant1	5825.02	20000	3.43	± 20	Pass
NVNT	n20	5745	Ant1	5745.02	20000	3.48	± 20	Pass
NVNT	n20	5785	Ant1	5785.02	20000	3.46	± 20	Pass
NVNT	n20	5825	Ant1	5825.02	20000	3.43	± 20	Pass
NVNT	n40	5755	Ant1	5755.04	40000	6.95	± 20	Pass
NVNT	n40	5795	Ant1	5795.04	40000	6.9	± 20	Pass
NVNT	ac20	5745	Ant1	5745.04	40000	6.96	± 20	Pass
NVNT	ac20	5785	Ant1	5785.02	20000	3.46	± 20	Pass
NVNT	ac20	5825	Ant1	5825.02	20000	3.43	± 20	Pass
NVNT	ac40	5755	Ant1	5755	0	0	± 20	Pass
NVNT	ac40	5795	Ant1	5795	0	0	± 20	Pass



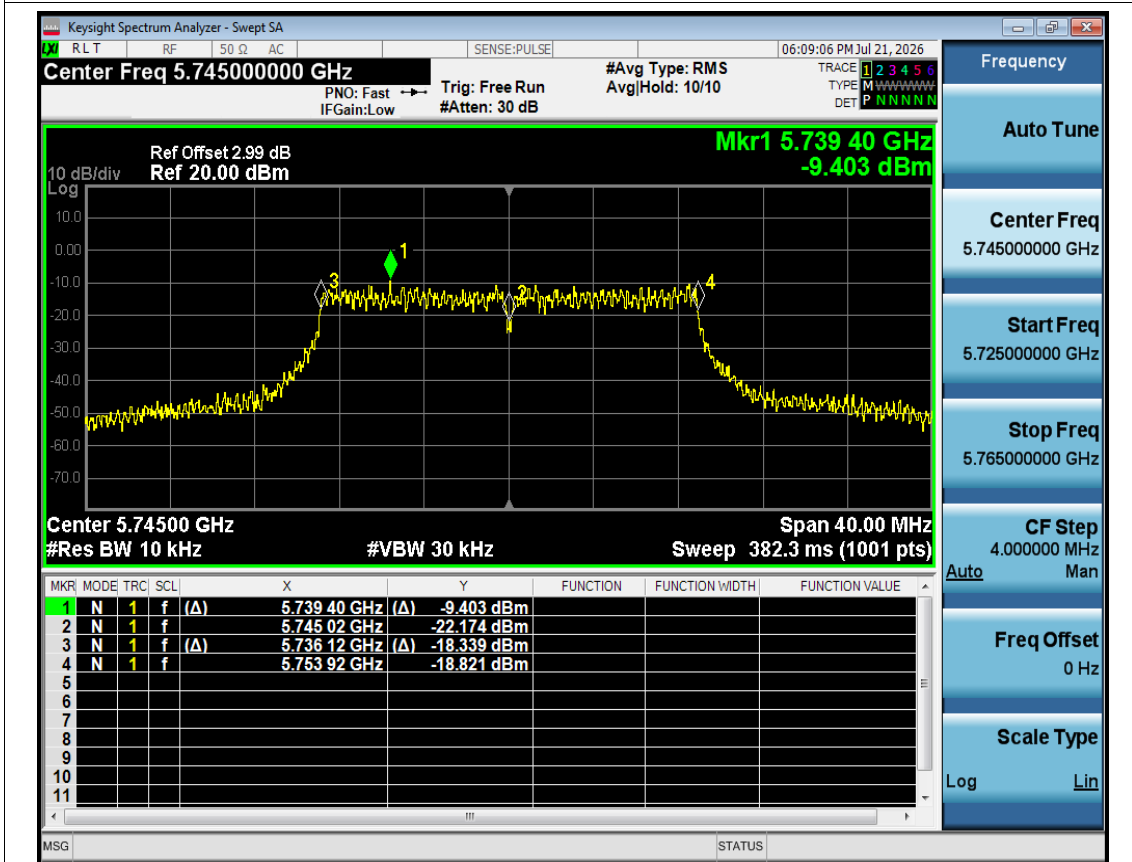
Freq. Stability NVNT a 5745MHz Ant1



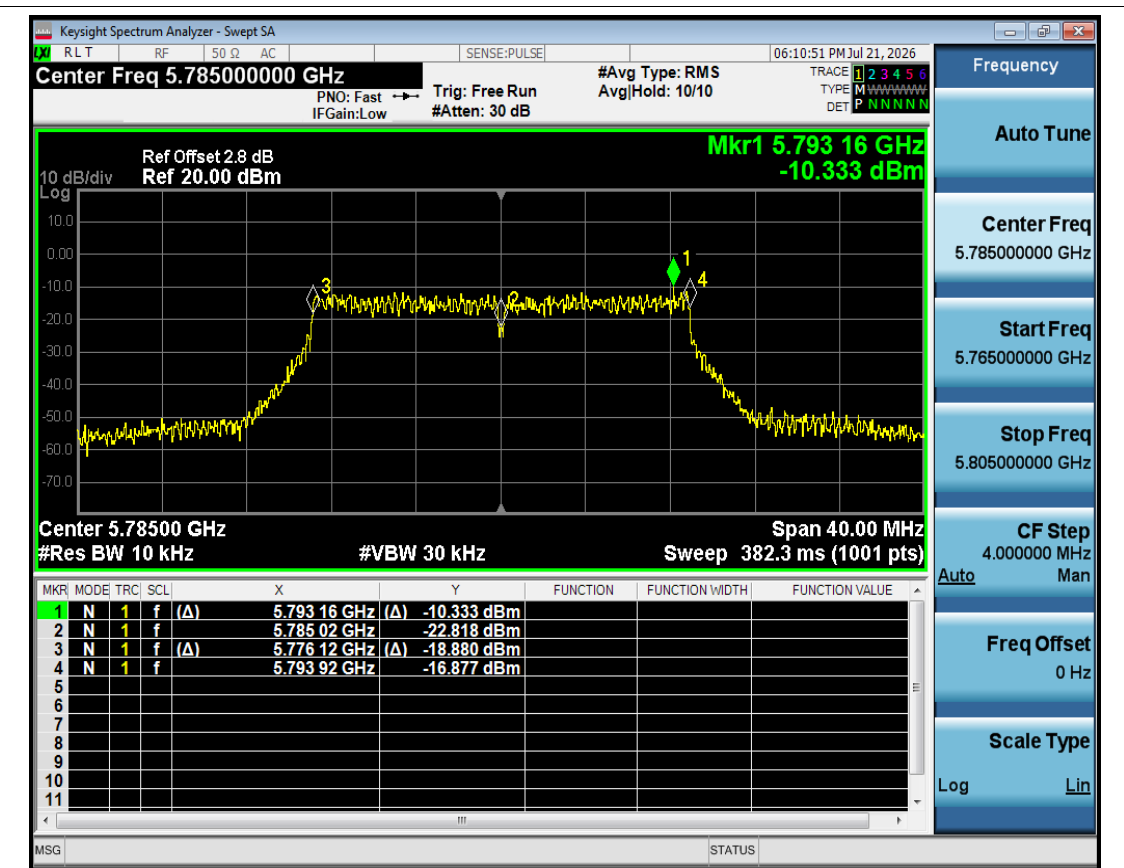
Freq. Stability NVNT a 5785MHz Ant1



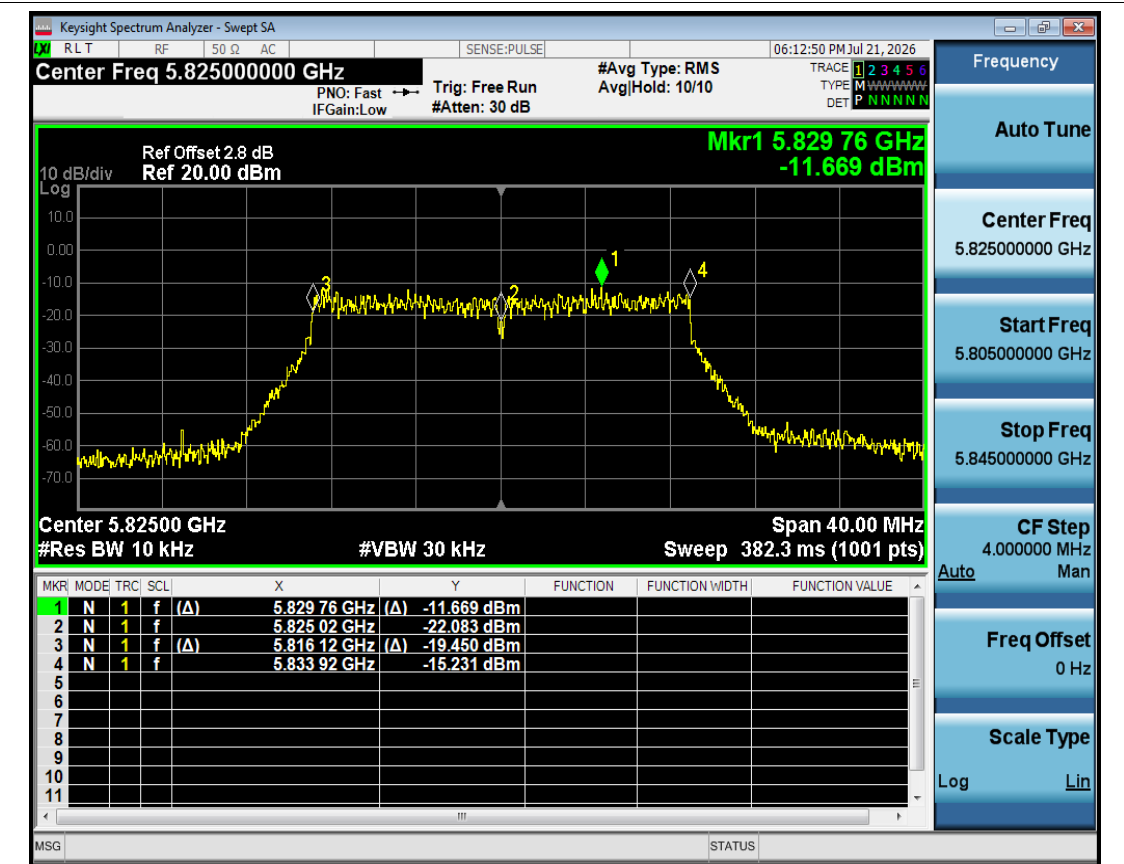
Freq. Stability NVNT a 5825MHz Ant1



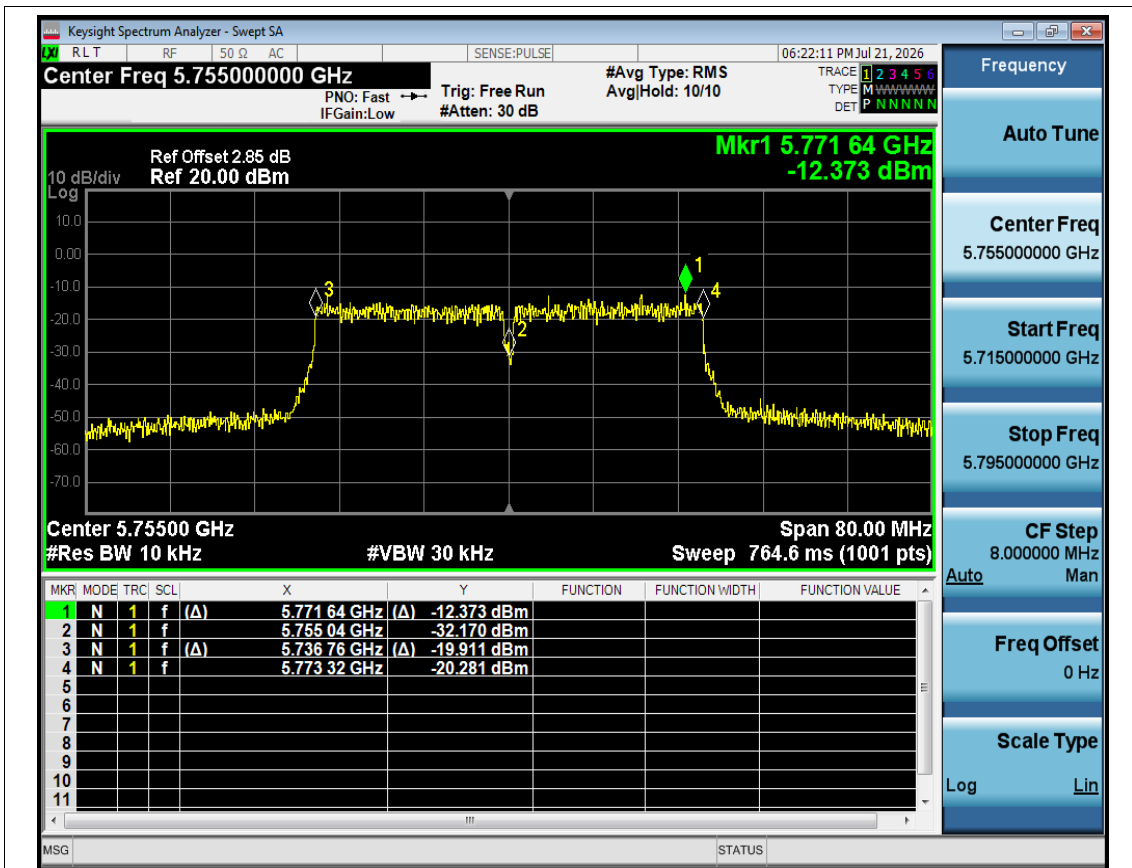
Freq. Stability NVNT n20 5745MHz Ant1



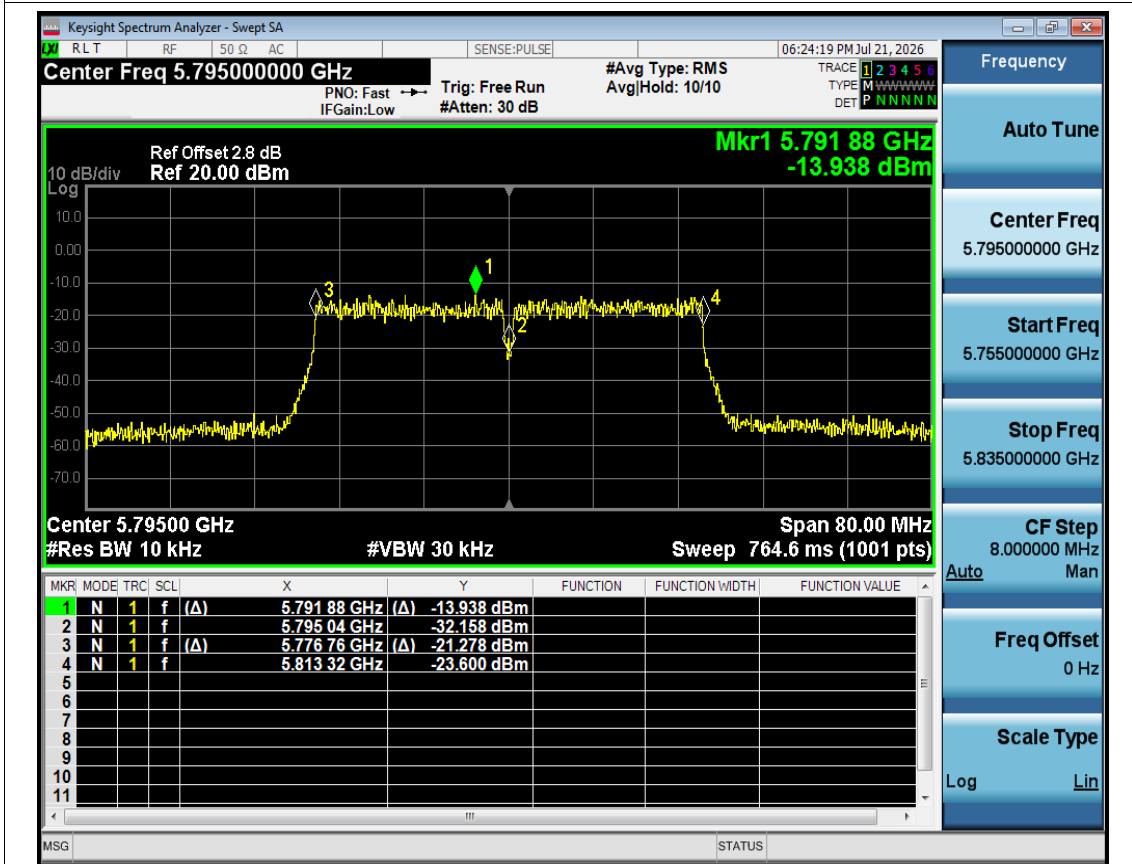
Freq. Stability NVNT n20 5785MHz Ant1



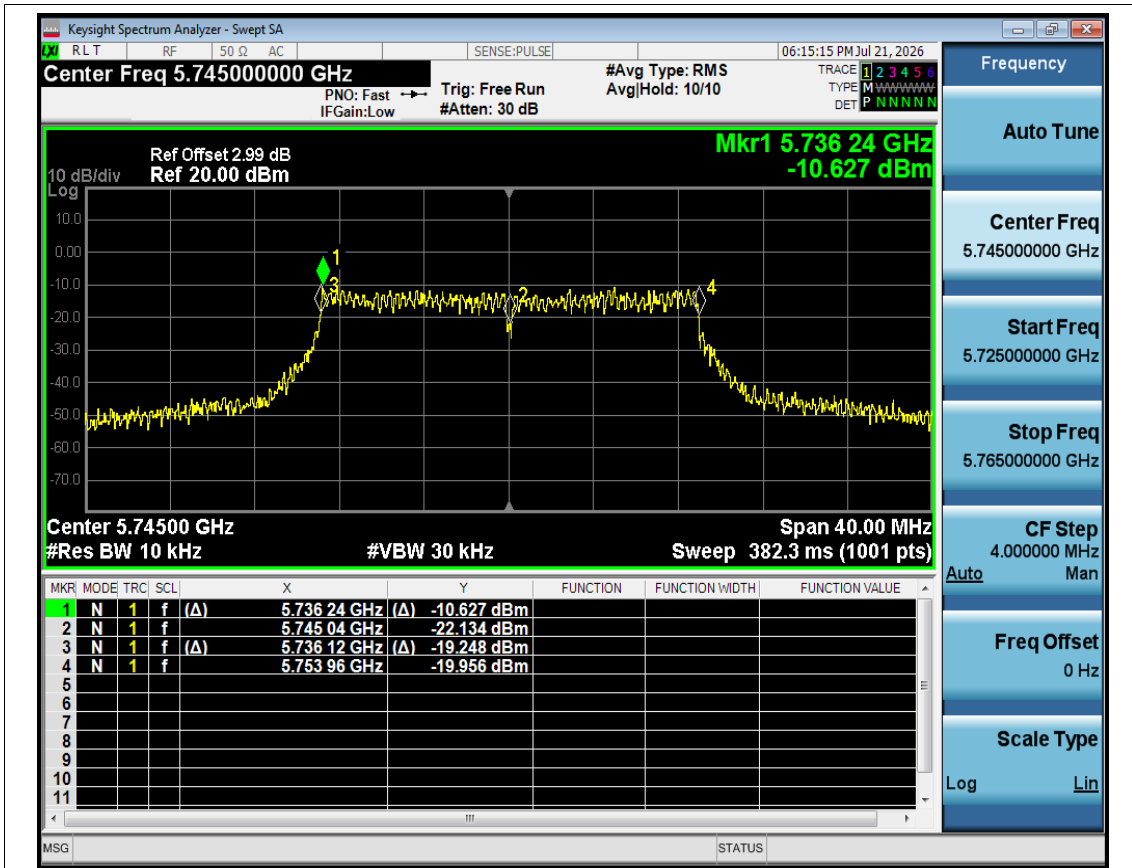
Freq. Stability NVNT n20 5825MHz Ant1



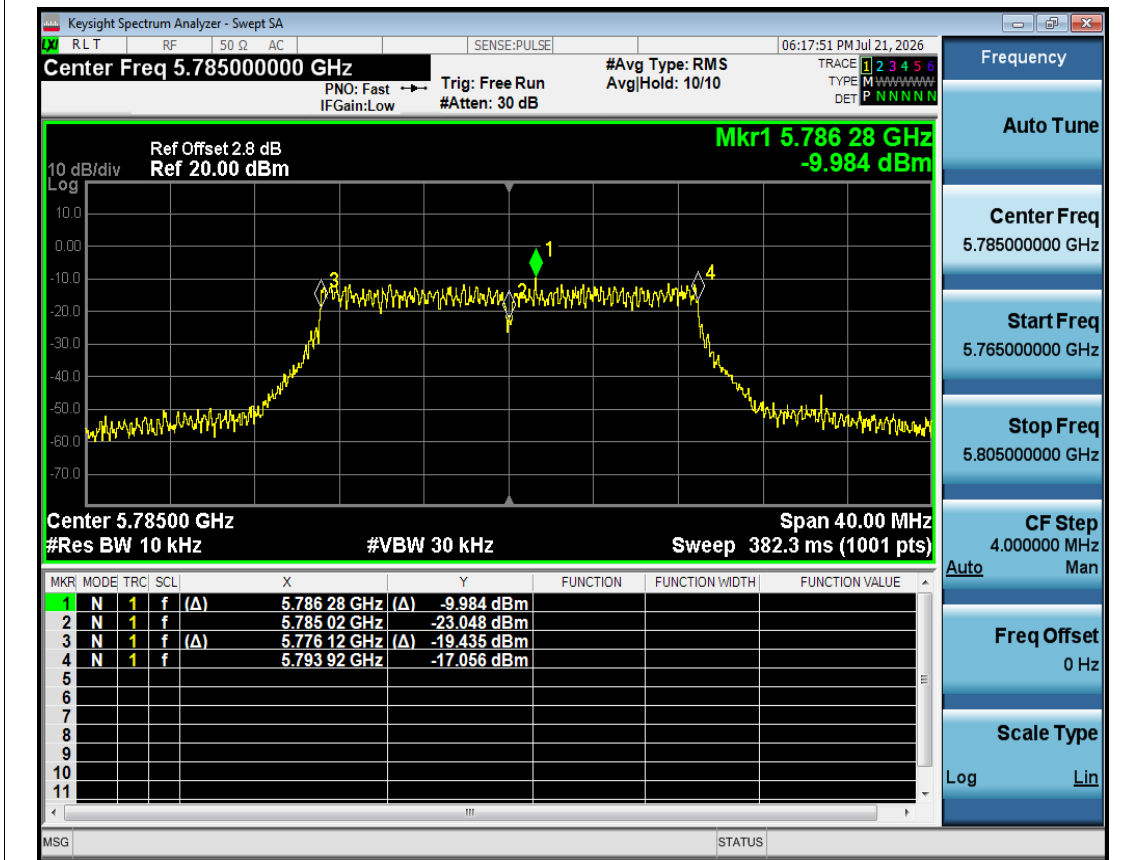
Freq. Stability NVNT n40 5755MHz Ant1



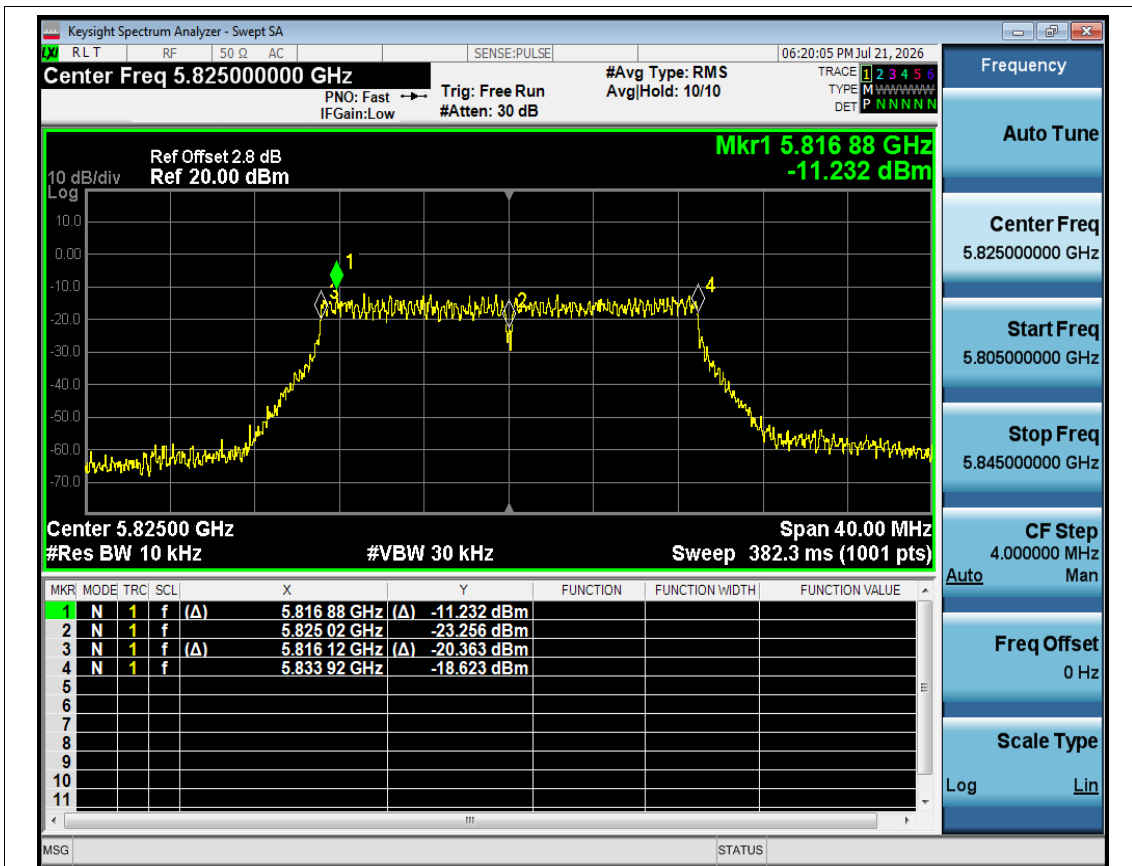
Freq. Stability NVNT n40 5795MHz Ant1



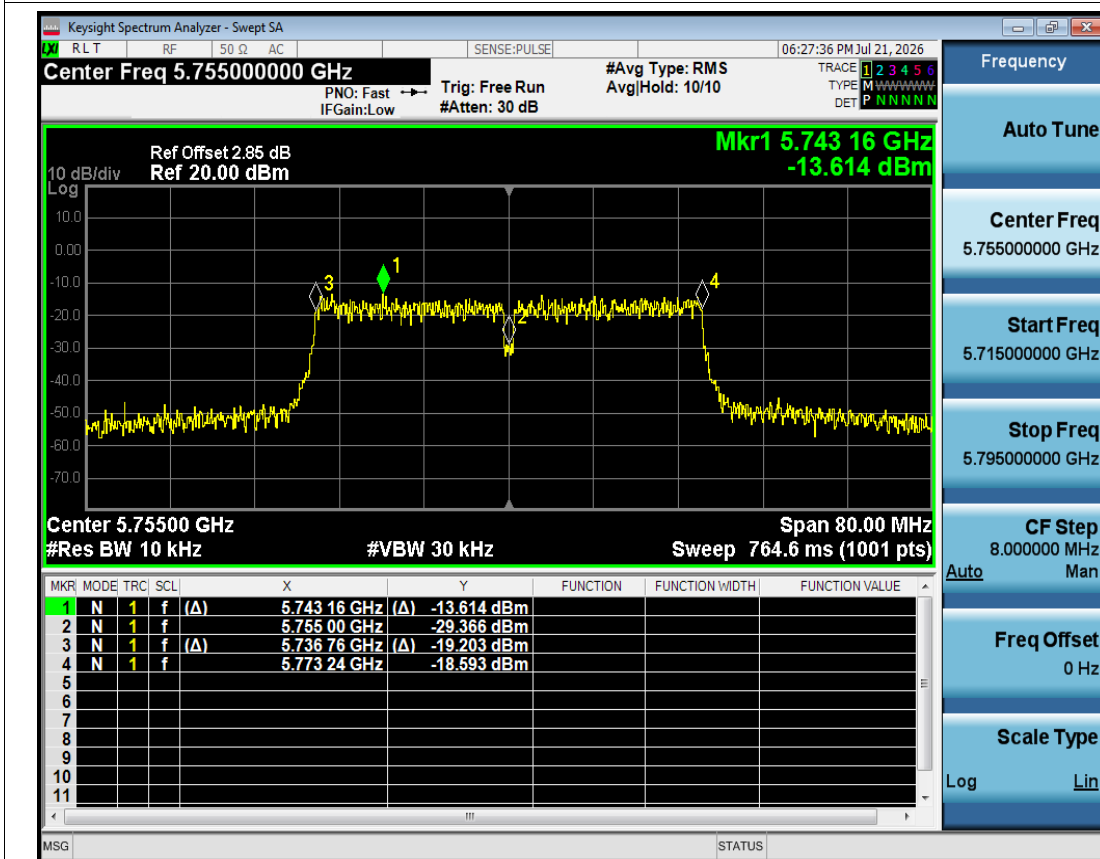
Freq. Stability NVNT ac20 5745MHz Ant1



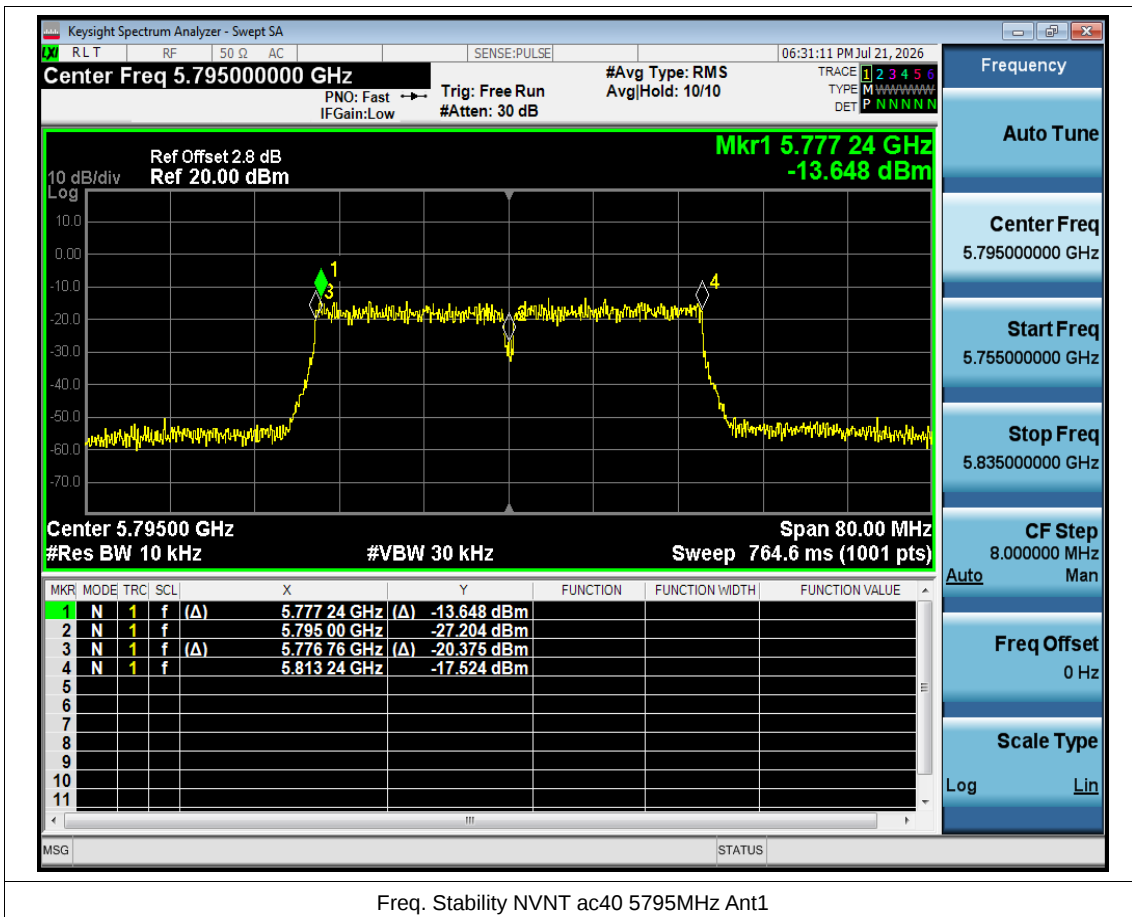
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Freq. Stability NVNT ac20 5825MHz Ant1

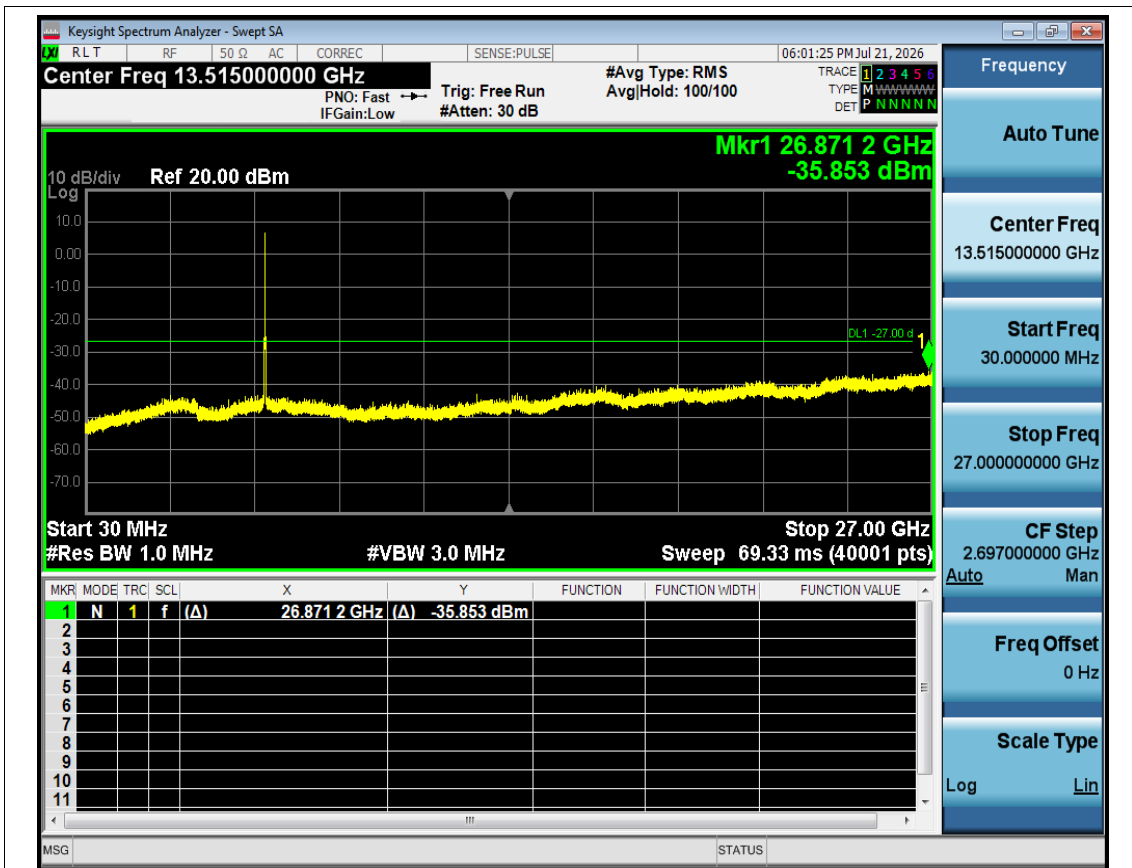


Freq. Stability NVNT ac40 5755MHz Ant1



Conducted RF Spurious Emission

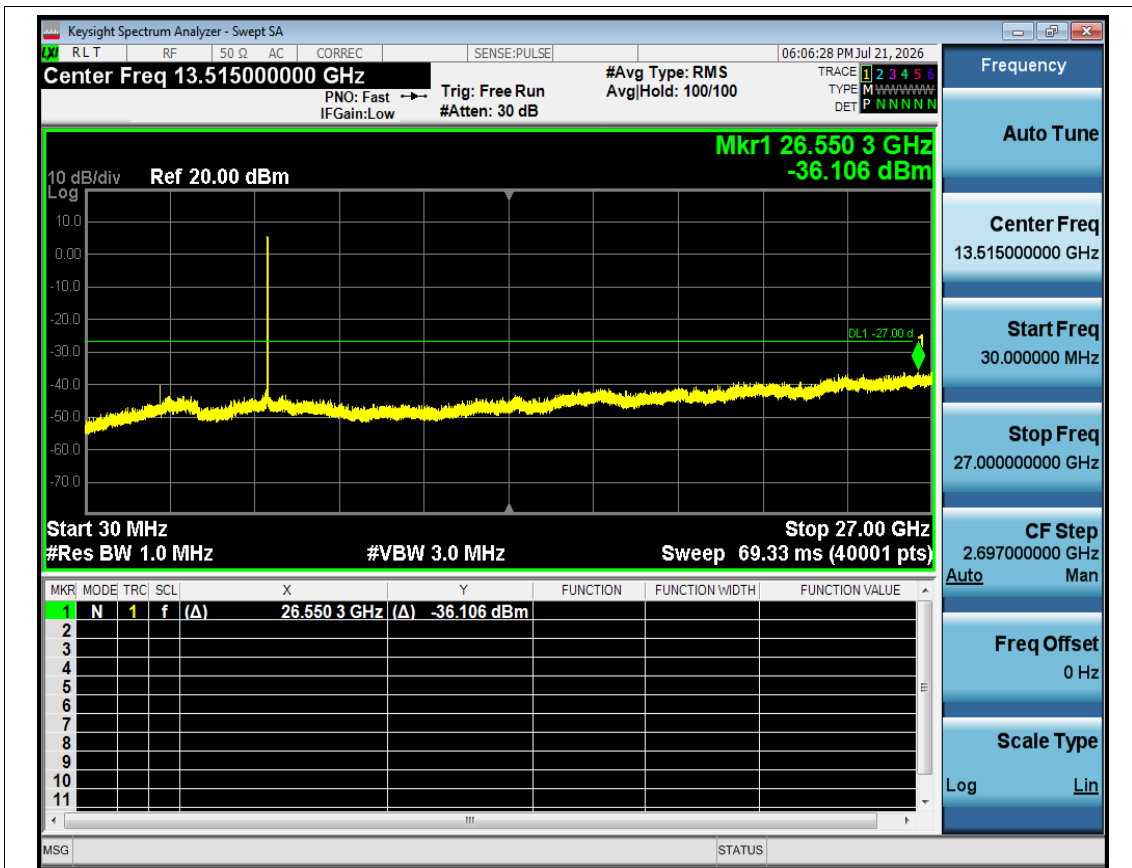
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-35.85	-27	Pass
NVNT	a	5785	Ant1	-35.79	-27	Pass
NVNT	a	5825	Ant1	-36.1	-27	Pass
NVNT	n20	5745	Ant1	-35.84	-27	Pass
NVNT	n20	5785	Ant1	-36.23	-27	Pass
NVNT	n20	5825	Ant1	-36.05	-27	Pass
NVNT	n40	5755	Ant1	-36.16	-27	Pass
NVNT	n40	5795	Ant1	-35.67	-27	Pass
NVNT	ac20	5745	Ant1	-35.77	-27	Pass
NVNT	ac20	5785	Ant1	-34.17	-27	Pass
NVNT	ac20	5825	Ant1	-35.5	-27	Pass
NVNT	ac40	5755	Ant1	-36.25	-27	Pass
NVNT	ac40	5795	Ant1	-36.28	-27	Pass



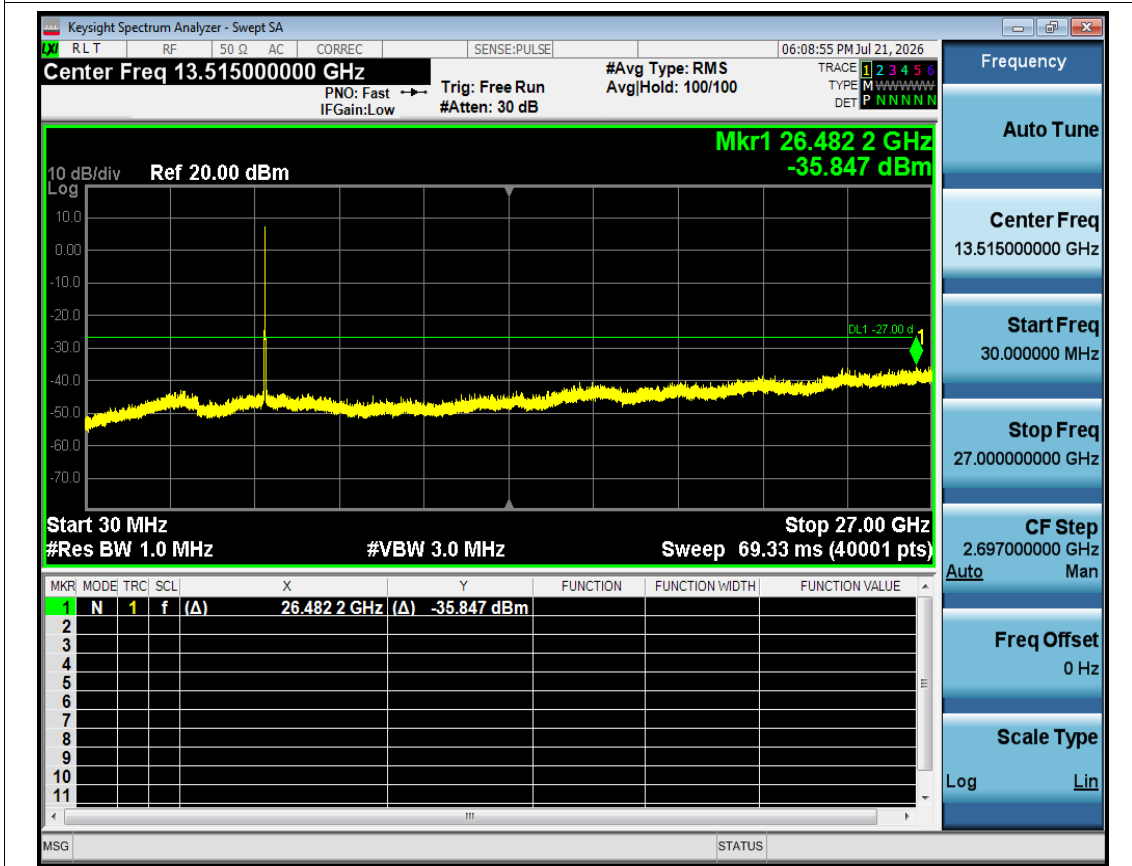
Tx. Spurious NVNT a 5745MHz Ant1 Emission



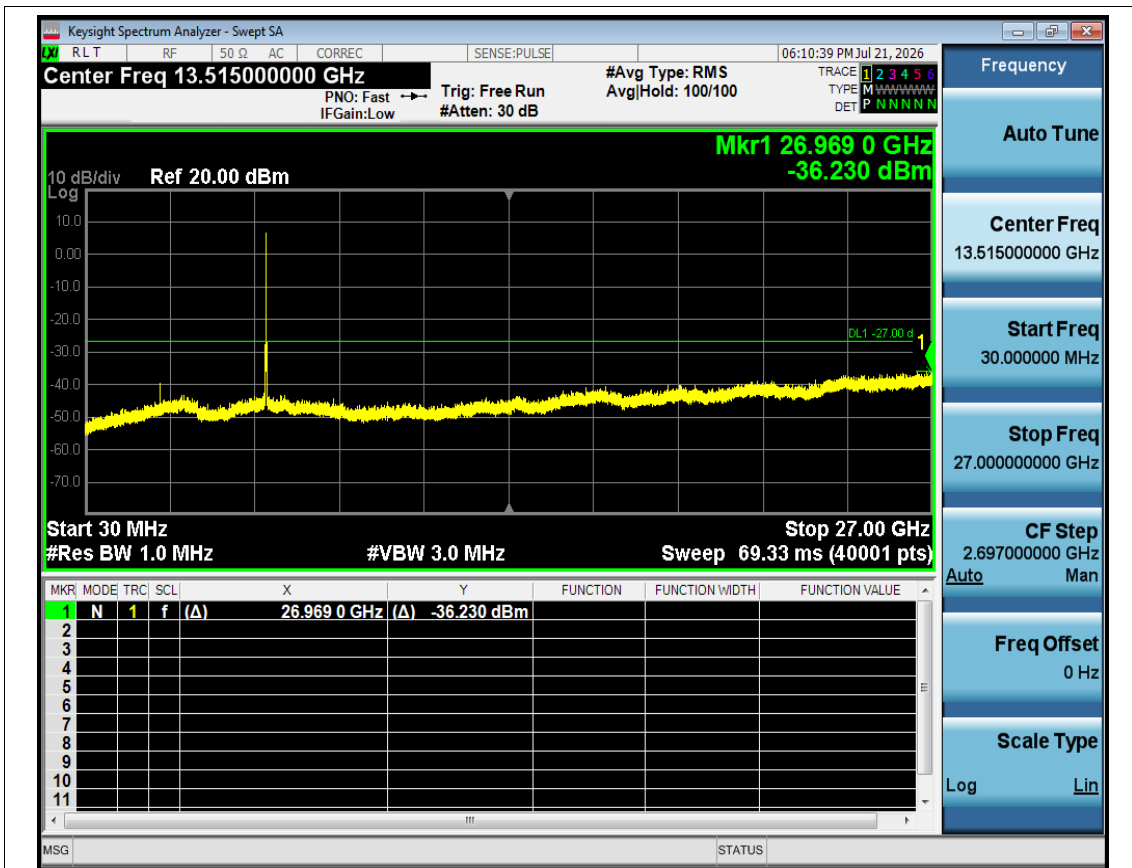
Tx. Spurious NVNT a 5785MHz Ant1 Emission



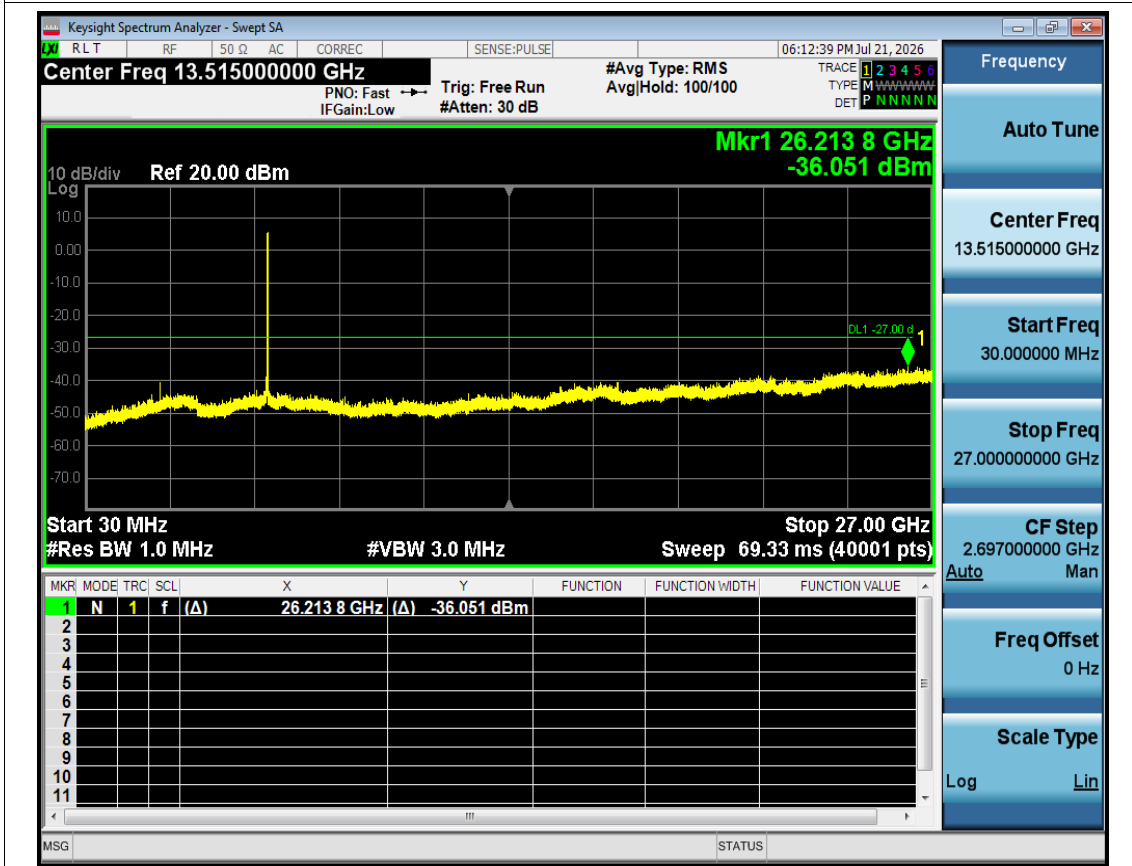
Tx. Spurious NVNT a 5825MHz Ant1 Emission



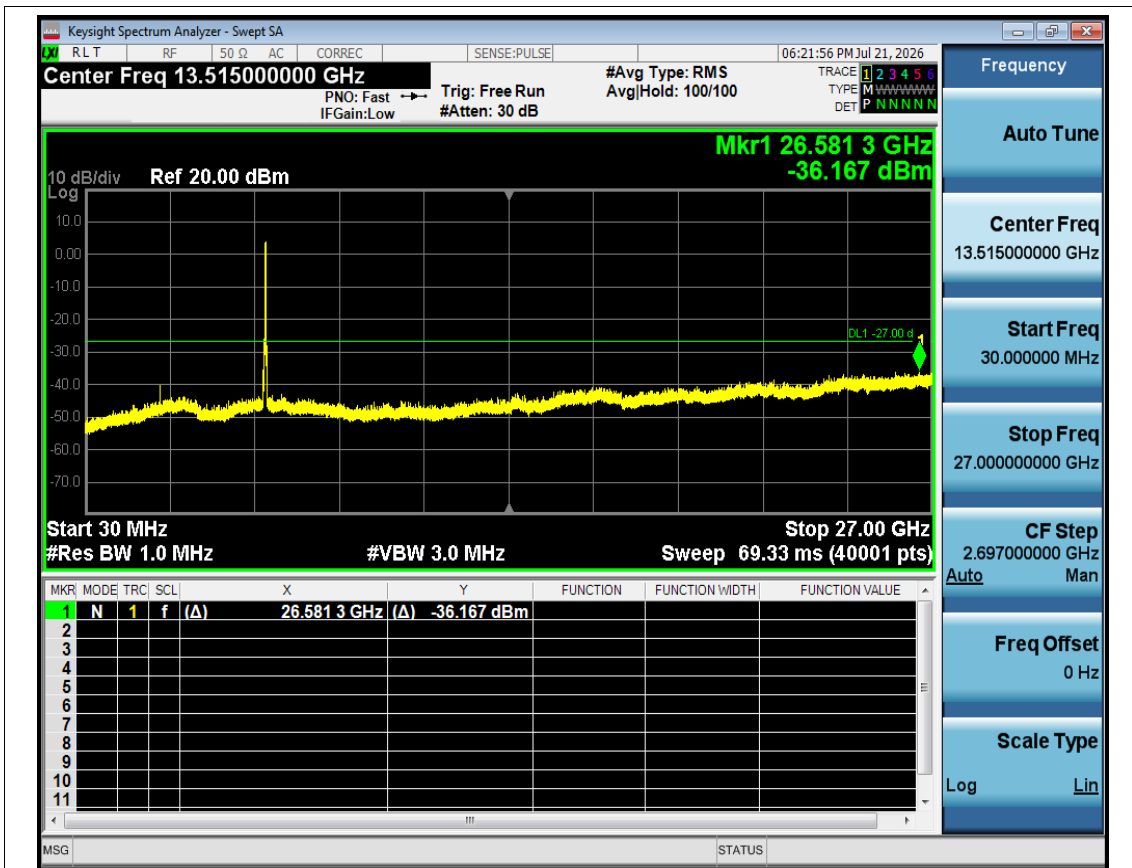
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



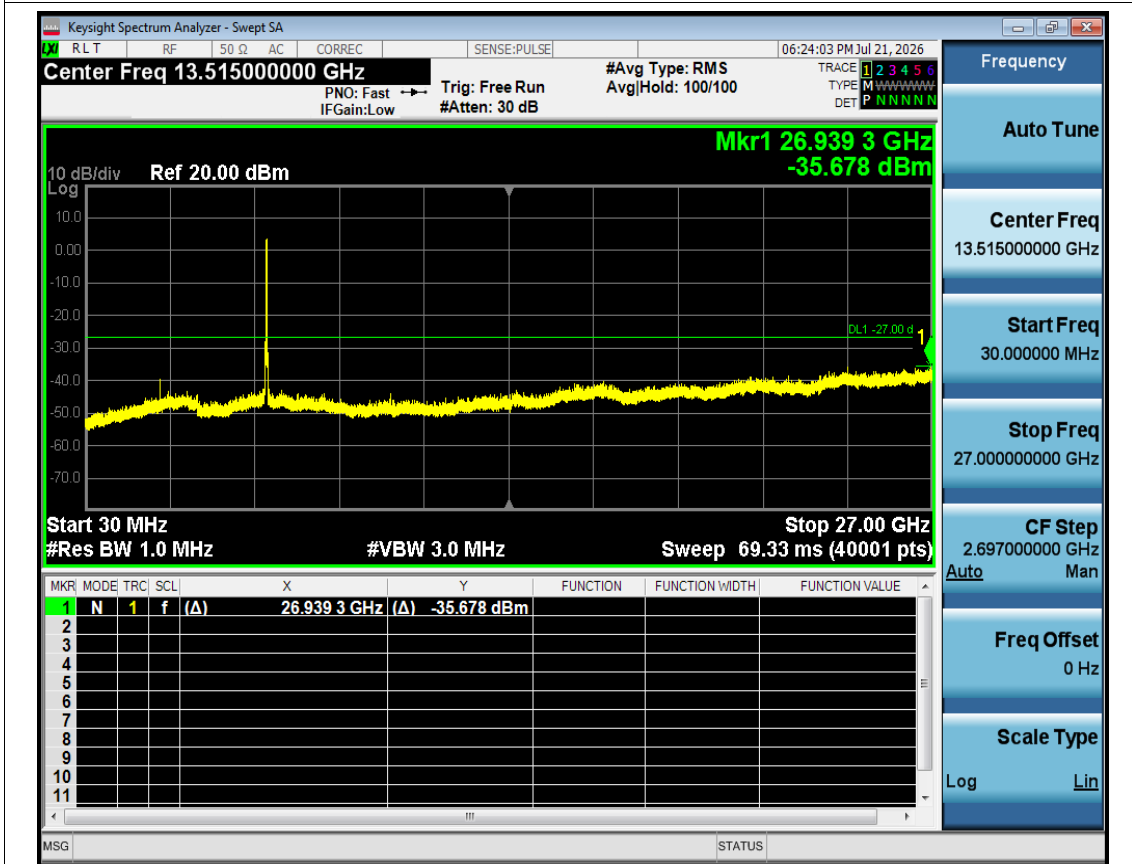
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



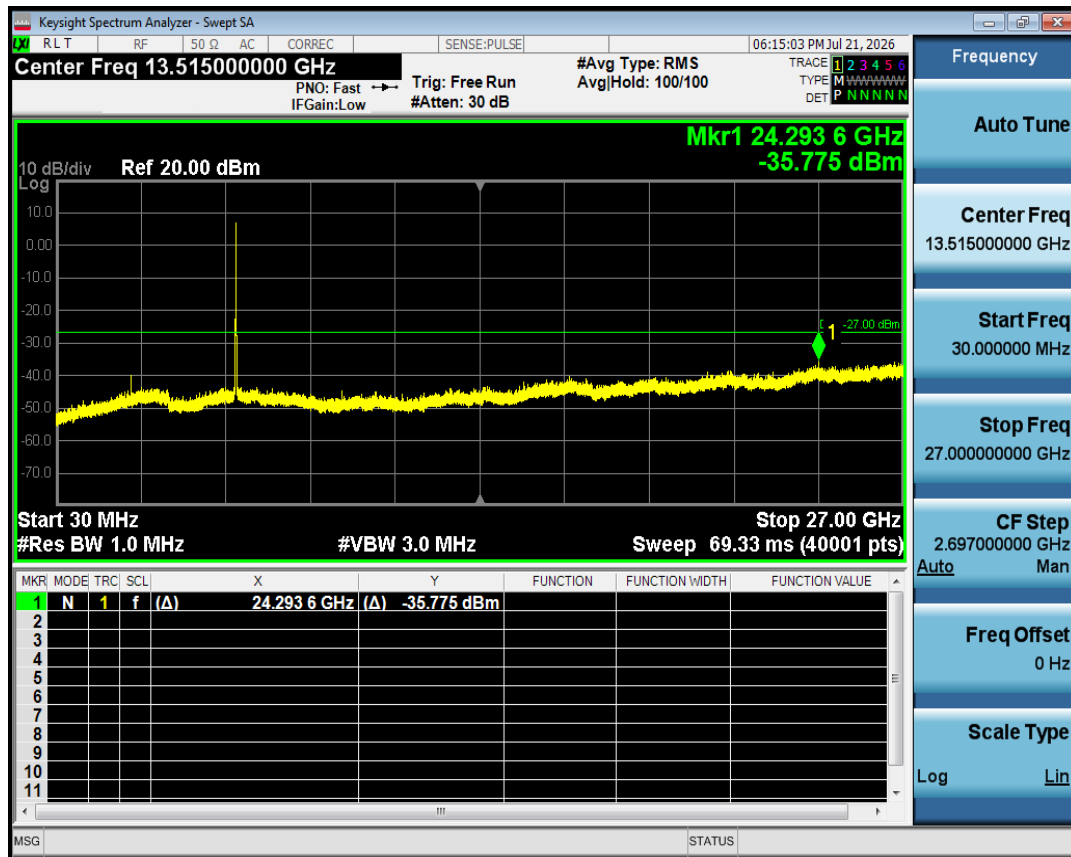
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



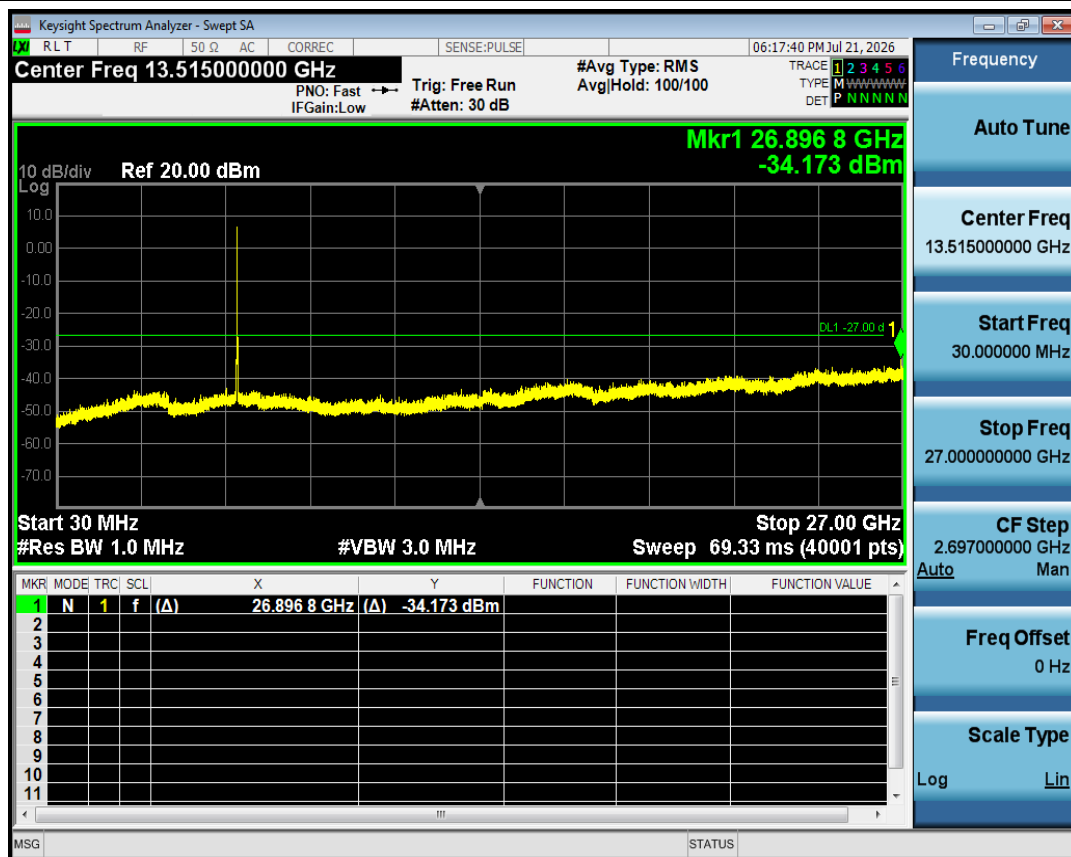
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



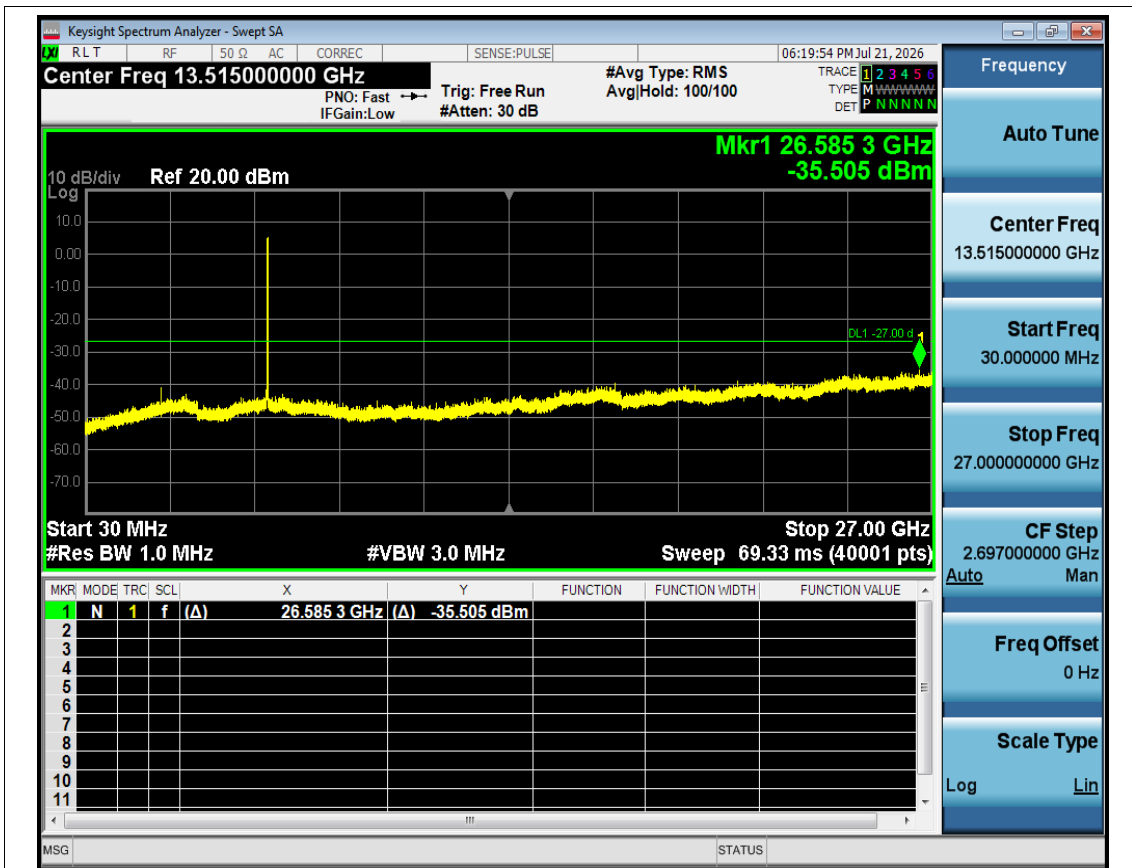
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



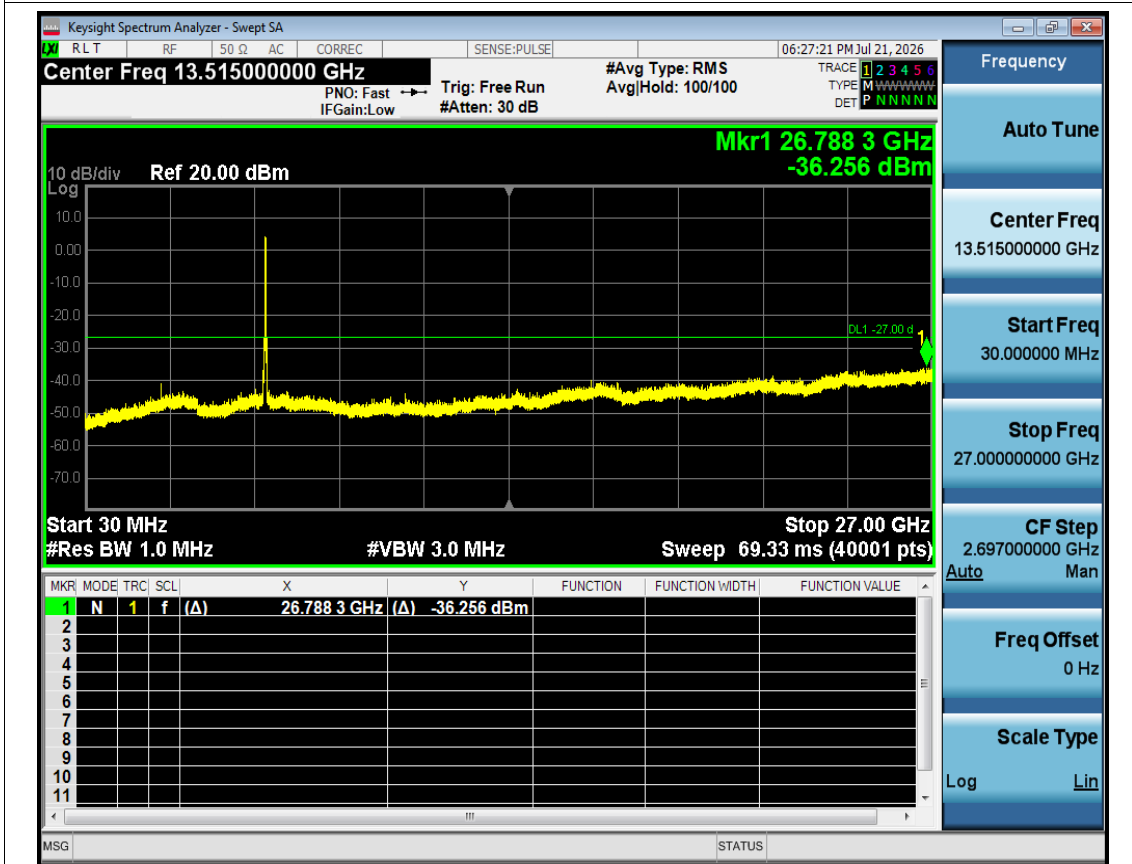
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission

