

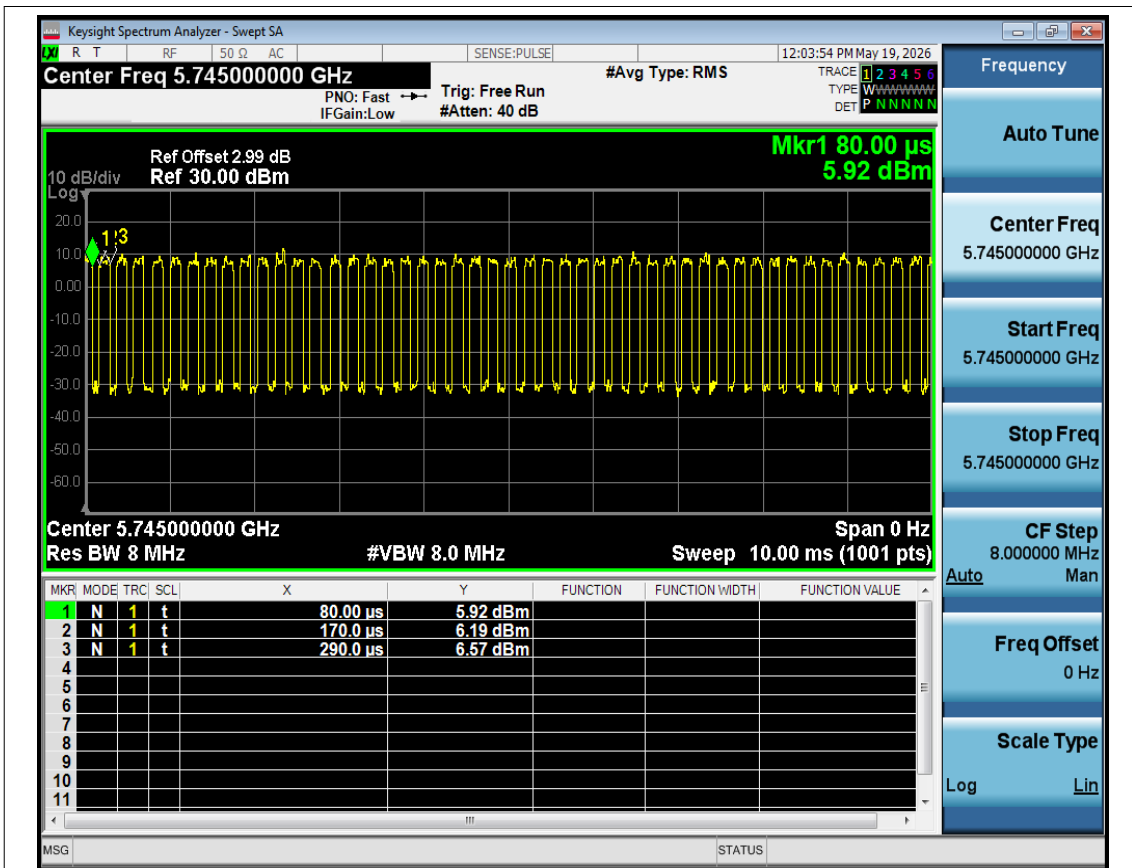
RF Test Data

FCC ID:2ASCB-DK032TL14

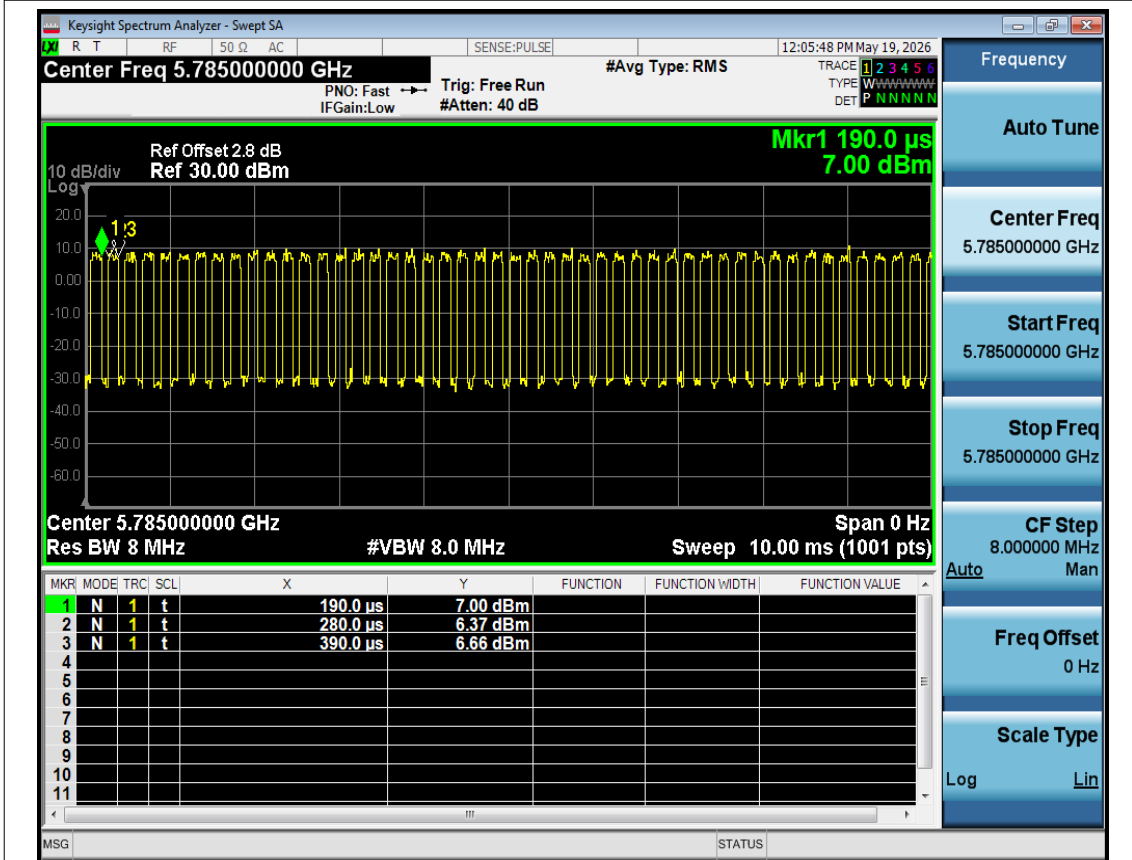
Duty Cycle	2
Maximum Conducted Output Power	12
-6dB Bandwidth	13
Occupied Channel Bandwidth	23
Maximum Power Spectral Density Level	33
Band Edge	43
Frequency Stability	51
Conducted RF Spurious Emission	61

Duty Cycle

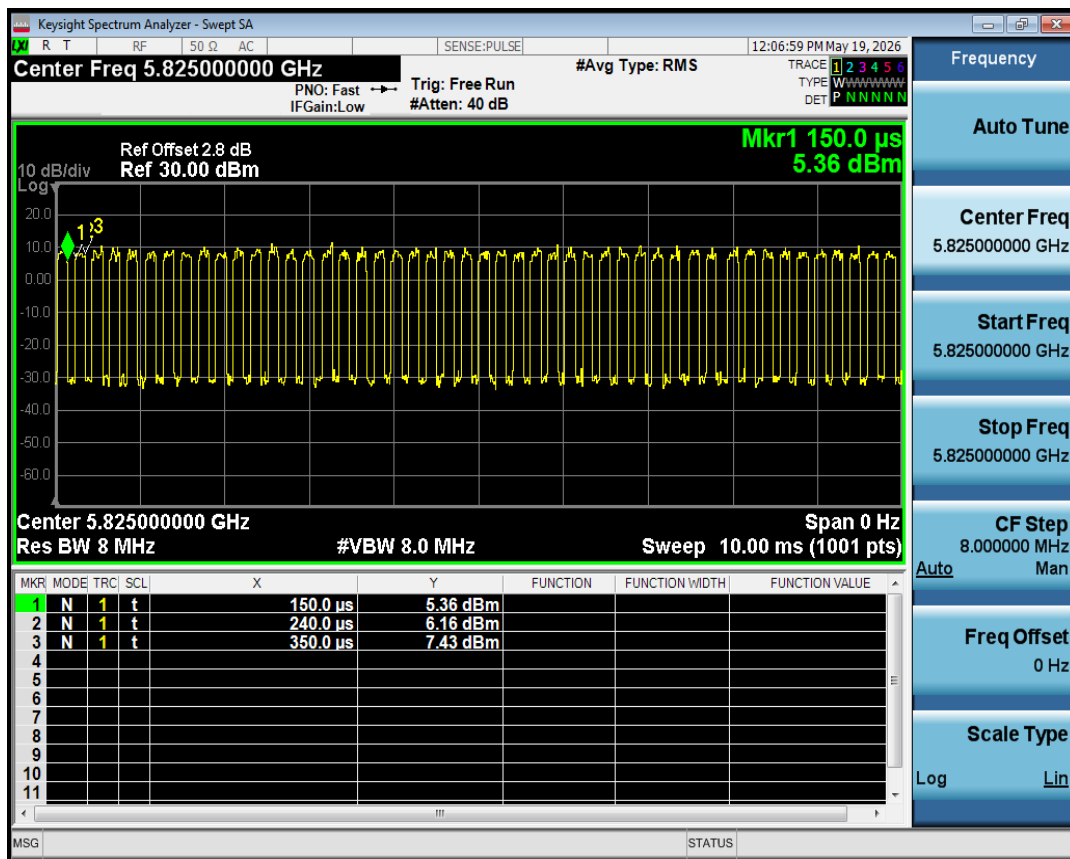
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	57.14	2.43	8.33
NVNT	a	5785	Ant1	55	2.6	9.09
NVNT	a	5825	Ant1	55	2.6	9.09
NVNT	n20	5745	Ant1	57.14	2.43	8.33
NVNT	n20	5785	Ant1	55	2.6	9.09
NVNT	n20	5825	Ant1	55	2.6	9.09
NVNT	n40	5755	Ant1	43.75	3.59	14.29
NVNT	n40	5795	Ant1	43.75	3.59	14.29
NVNT	ac20	5745	Ant1	54.55	2.63	8.33
NVNT	ac20	5785	Ant1	57.14	2.43	8.33
NVNT	ac20	5825	Ant1	57.14	2.43	8.33
NVNT	ac40	5755	Ant1	47.06	3.27	12.5
NVNT	ac40	5795	Ant1	47.06	3.27	12.5
NVNT	ax20	5745	Ant1	57.14	2.43	8.33
NVNT	ax20	5785	Ant1	57.14	2.43	8.33
NVNT	ax20	5825	Ant1	60	2.22	8.33
NVNT	ax40	5755	Ant1	38.89	4.1	14.29
NVNT	ax40	5795	Ant1	43.75	3.59	14.29



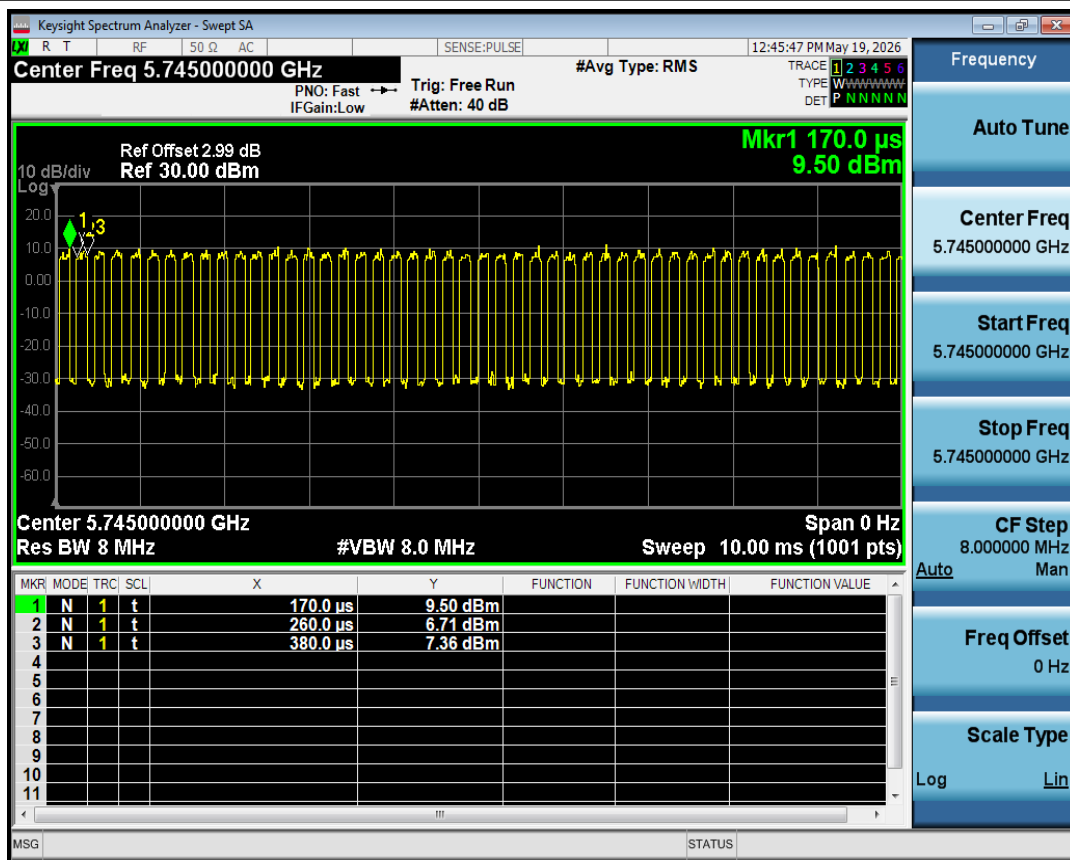
Duty Cycle NVNT a 5745MHz Ant1



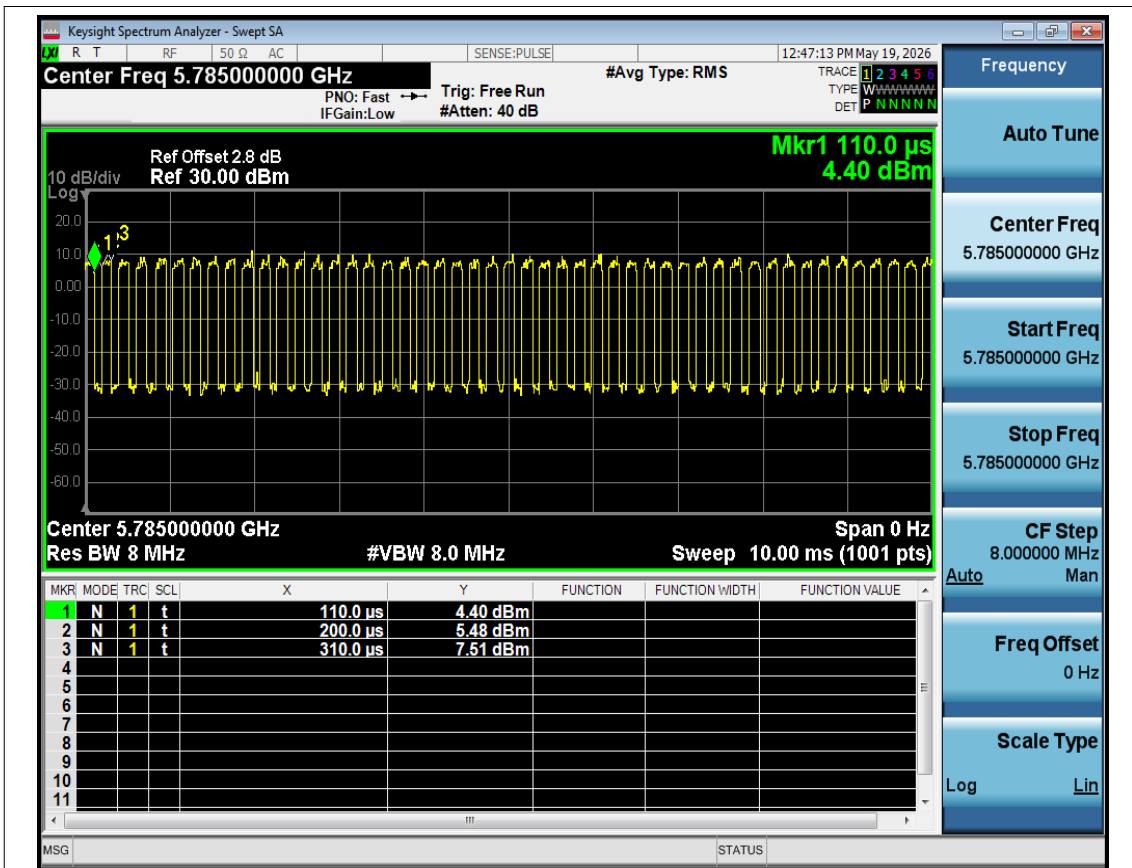
Duty Cycle NVNT a 5785MHz Ant1



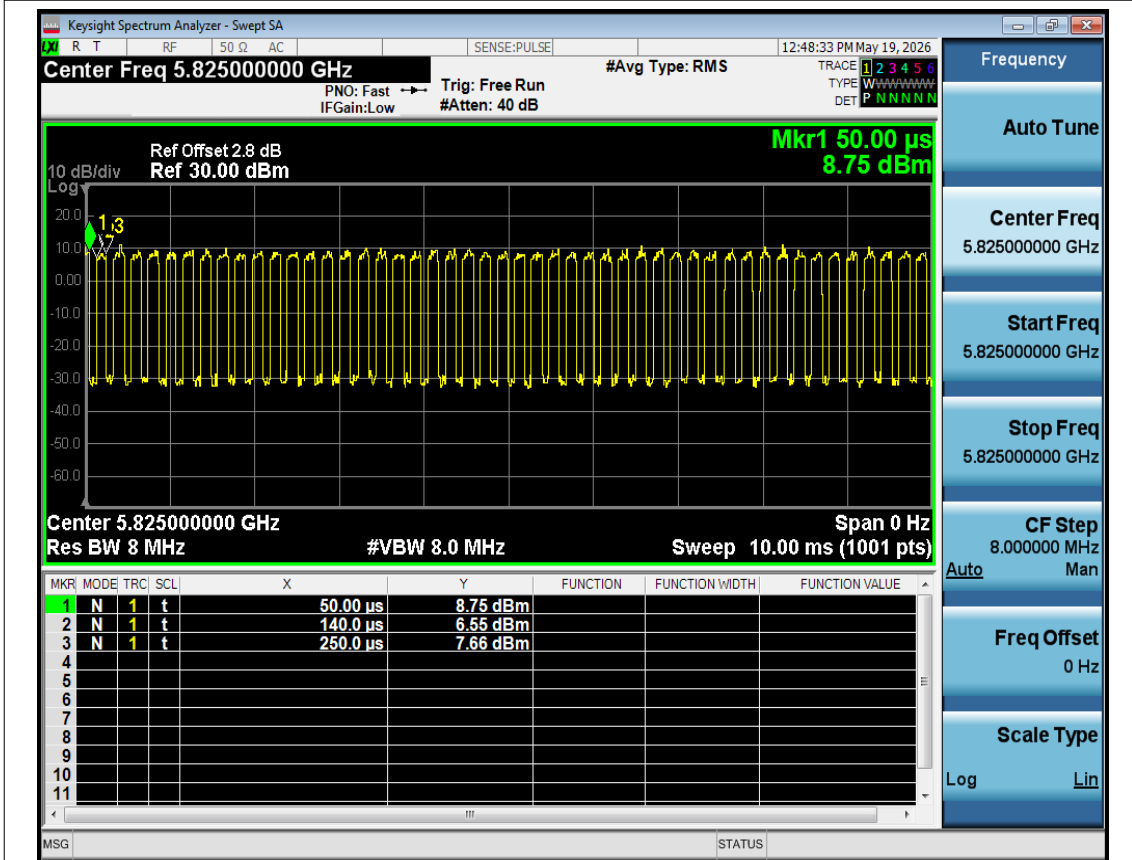
Duty Cycle NVNT a 5825MHz Ant1



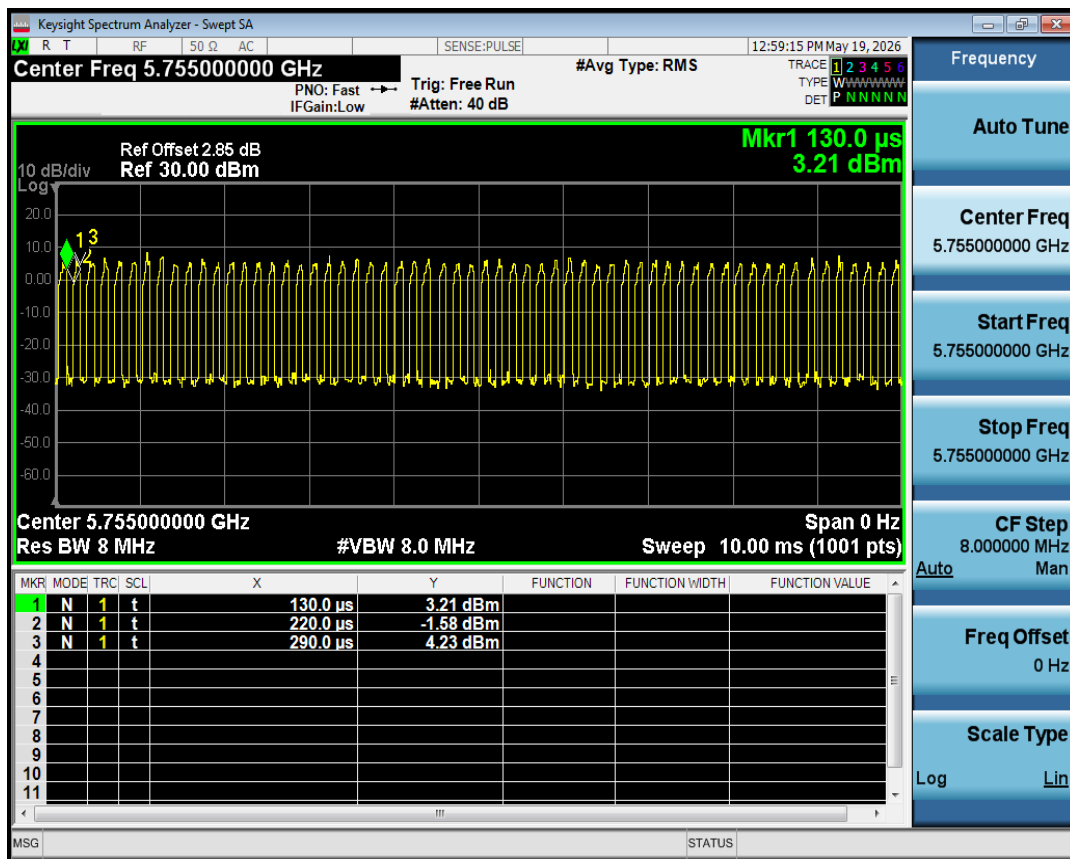
Duty Cycle NVNT n20 5745MHz Ant1



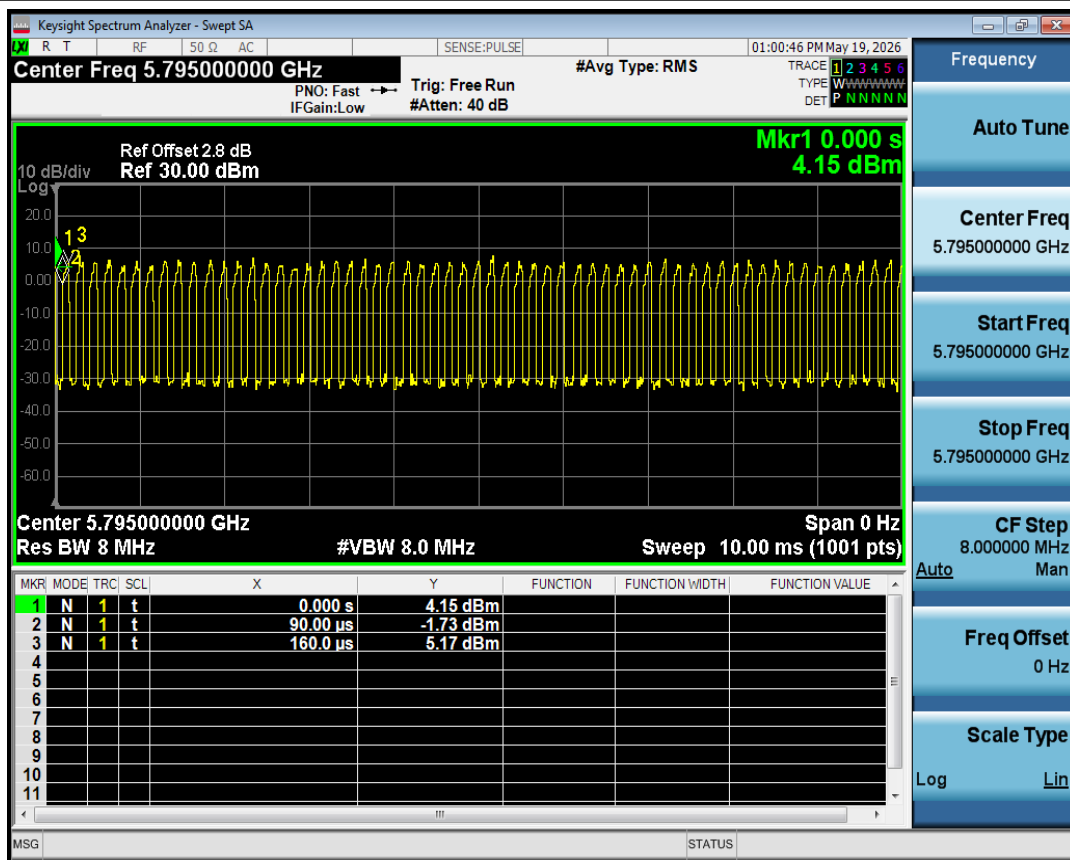
Duty Cycle NVNT n20 5785MHz Ant1



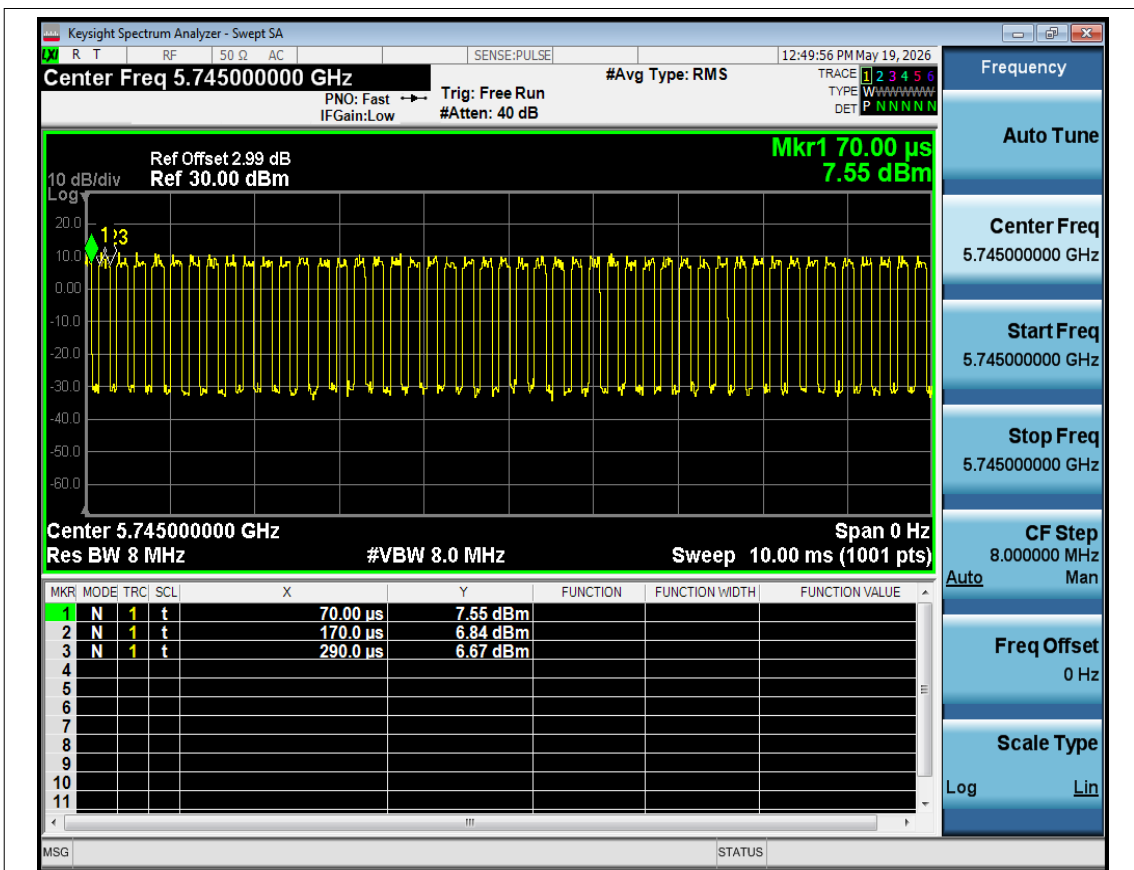
Duty Cycle NVNT n20 5825MHz Ant1



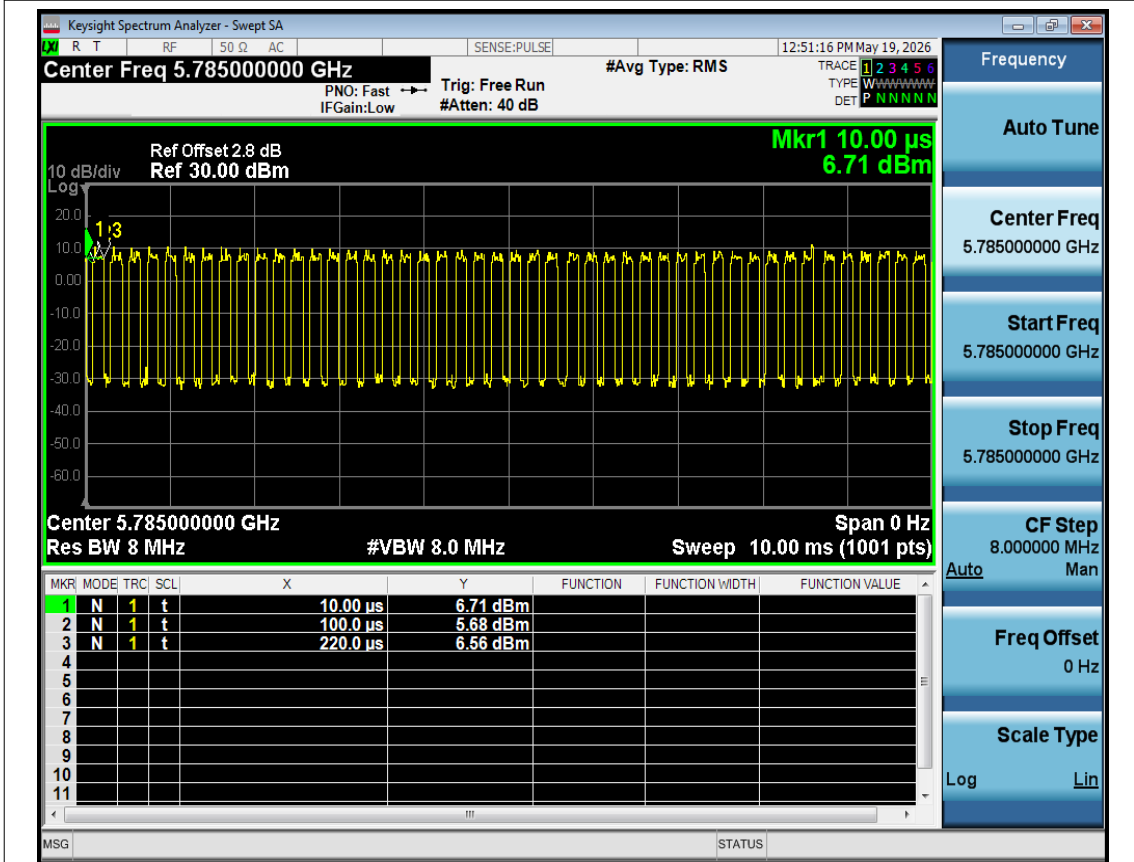
Duty Cycle NVNT n40 5755MHz Ant1



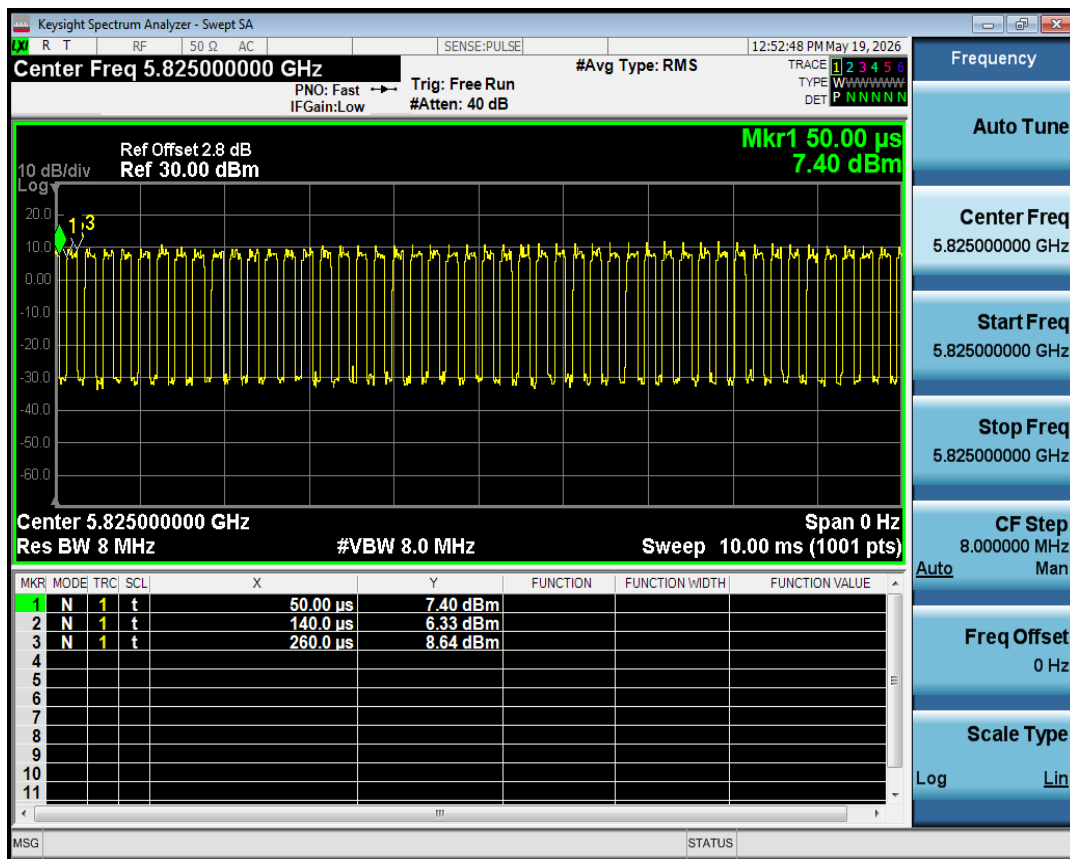
Duty Cycle NVNT n40 5795MHz Ant1



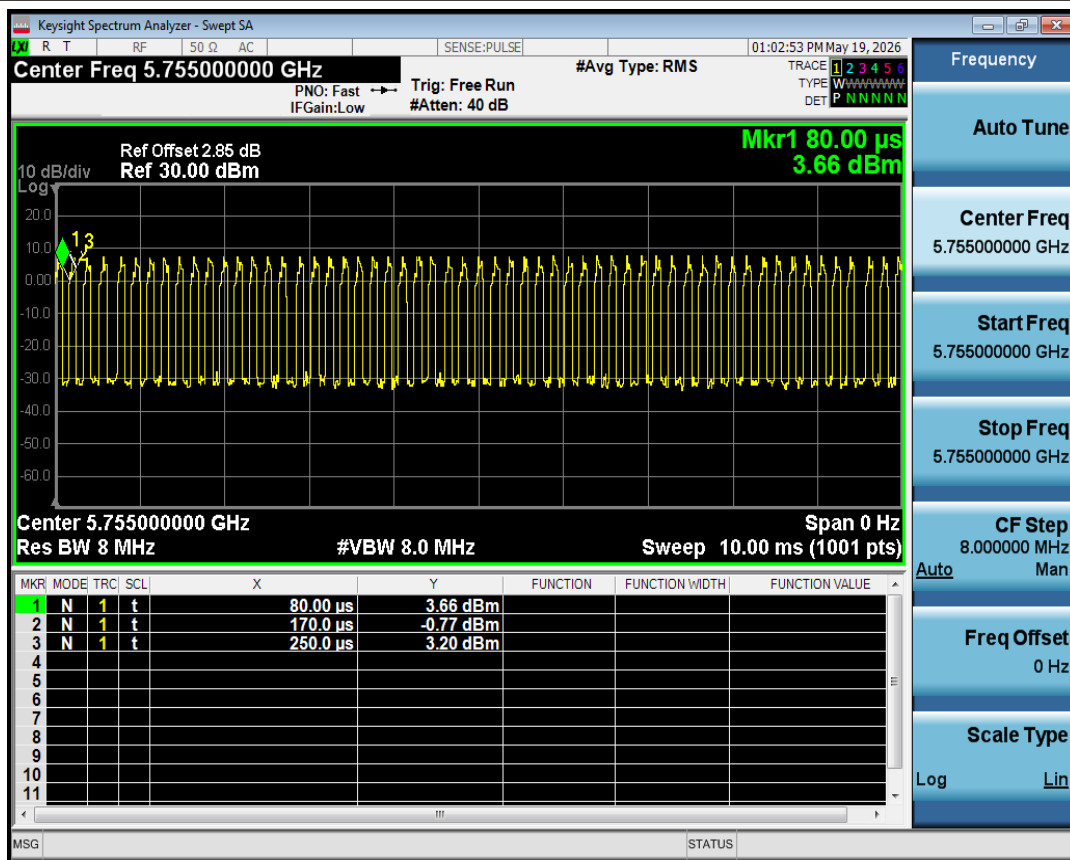
Duty Cycle NVNT ac20 5745MHz Ant1



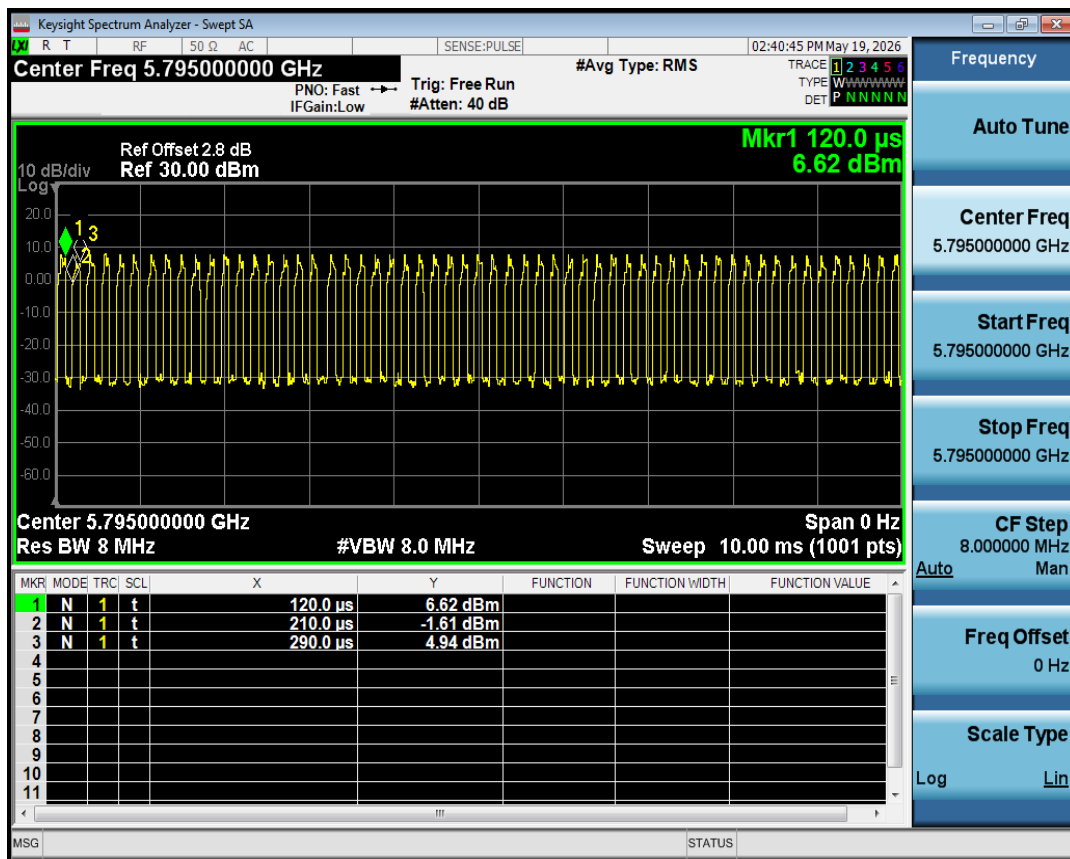
Duty Cycle NVNT ac20 5785MHz Ant1



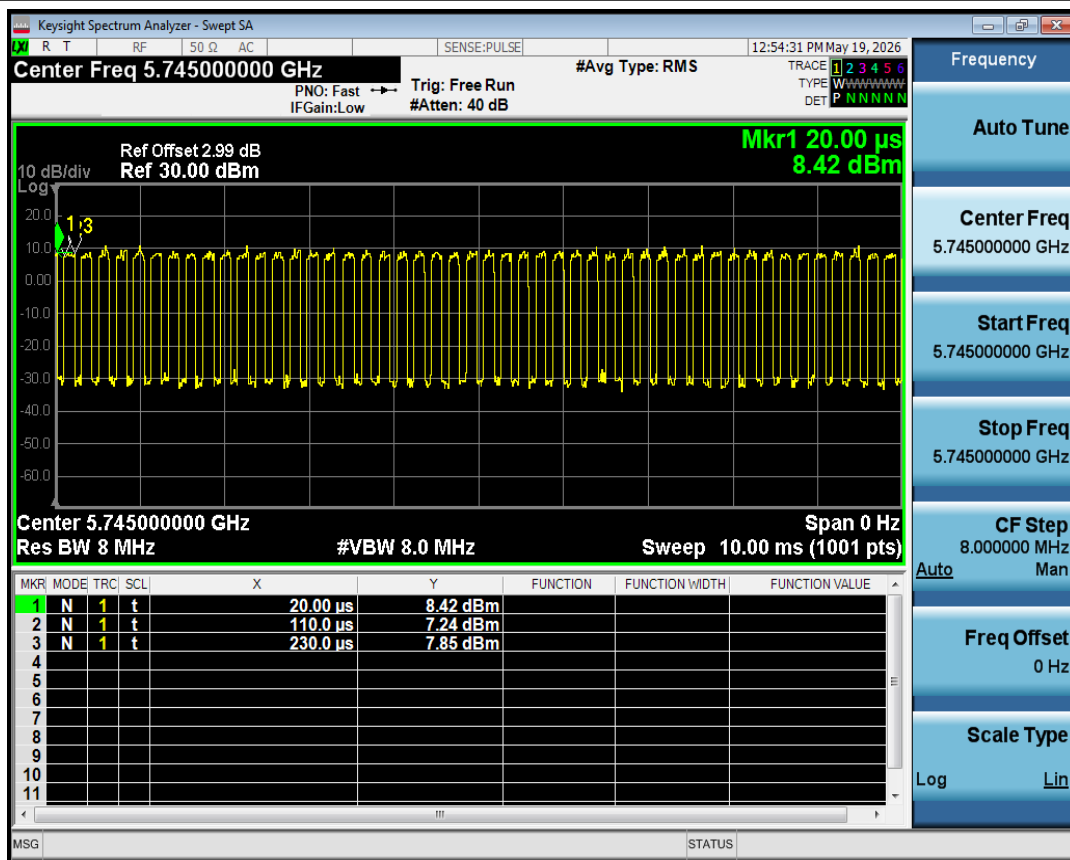
Duty Cycle NVNT ac20 5825MHz Ant1



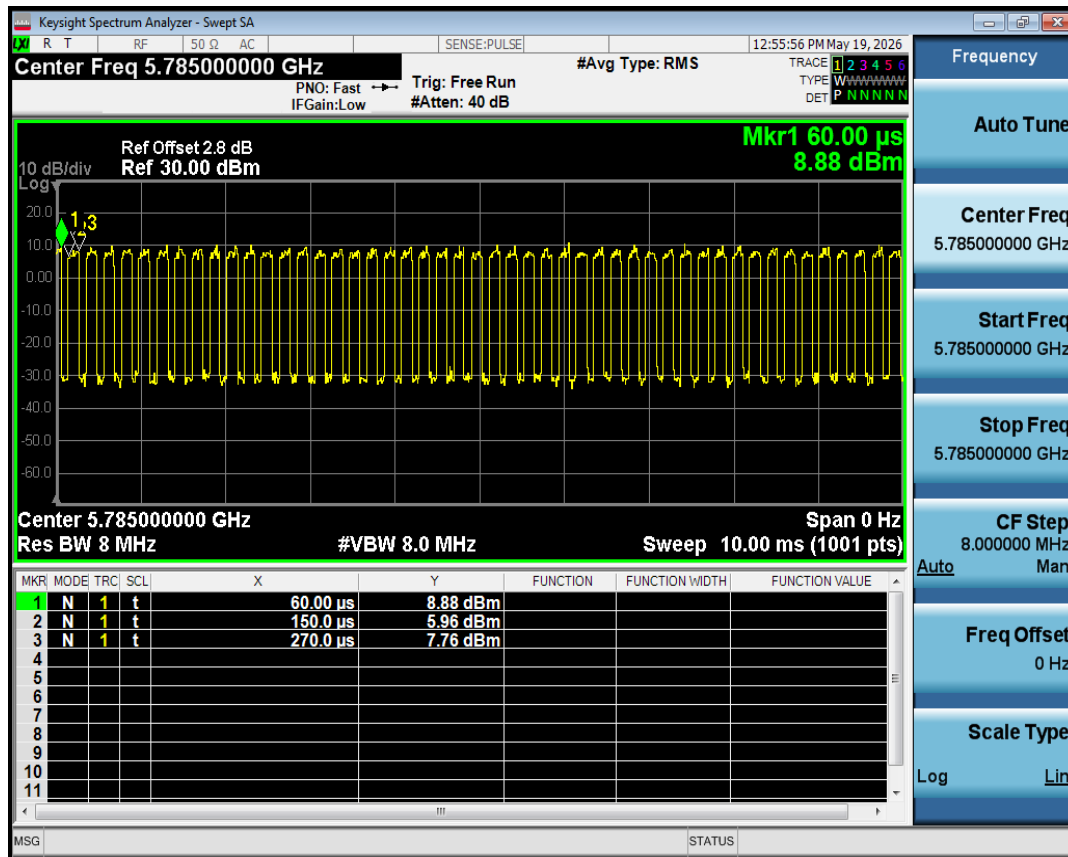
Duty Cycle NVNT ac40 5755MHz Ant1



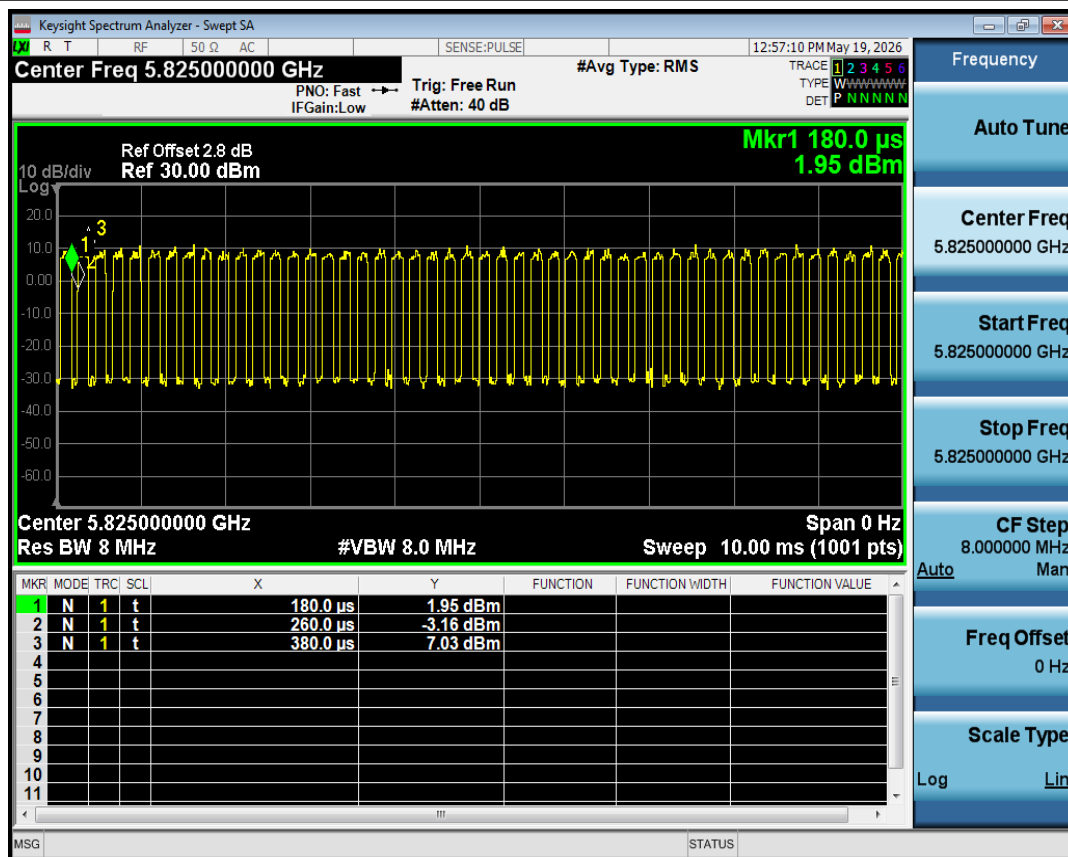
Duty Cycle NVNT ac40 5795MHz Ant1



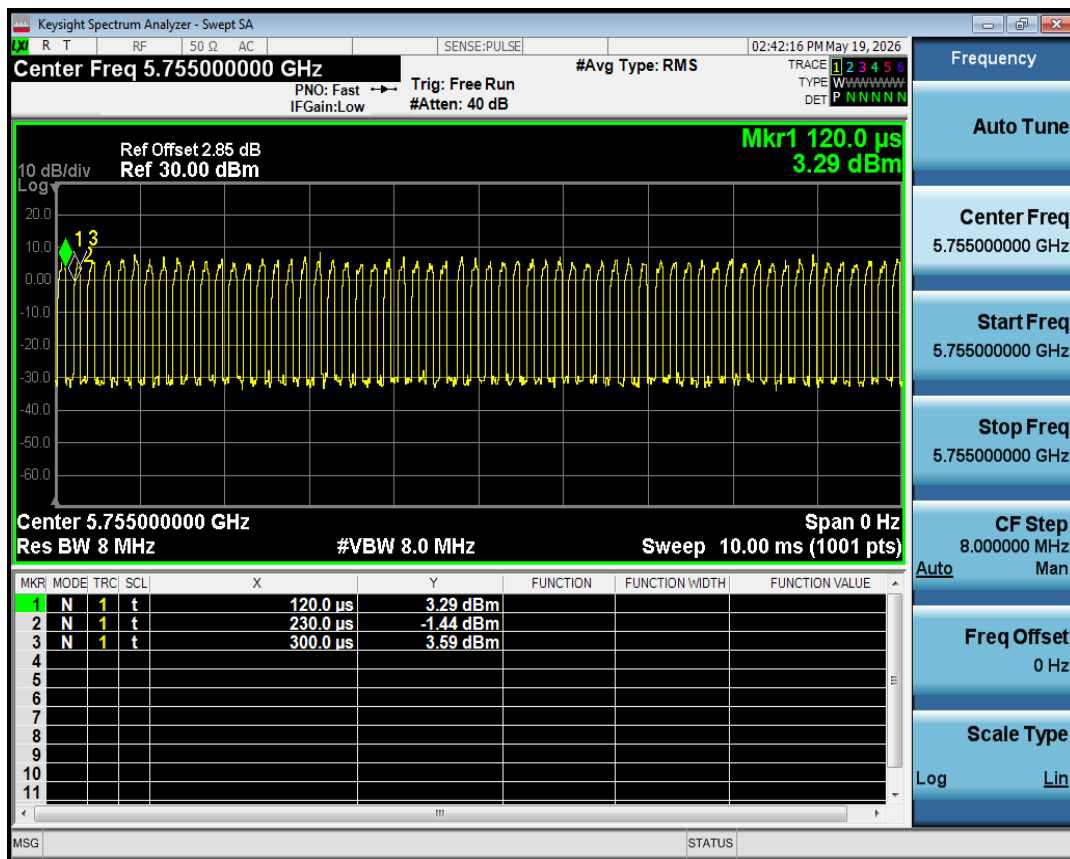
Duty Cycle NVNT ax20 5745MHz Ant1



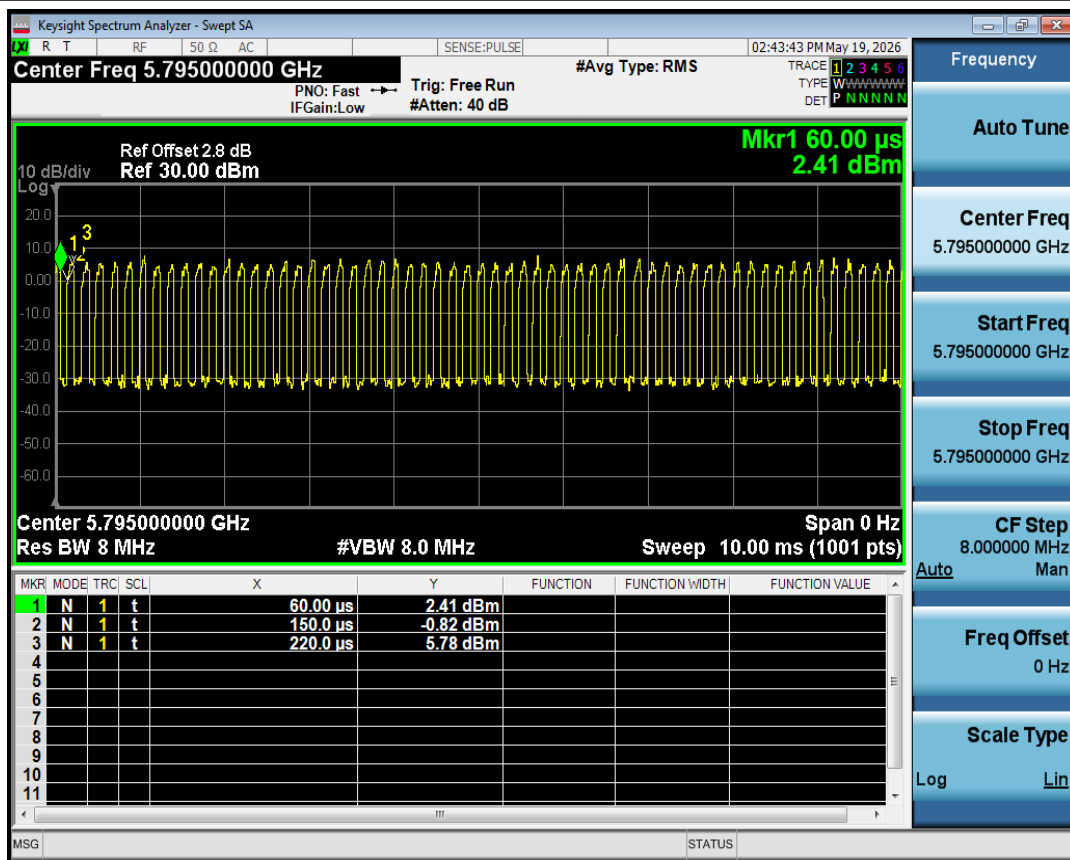
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



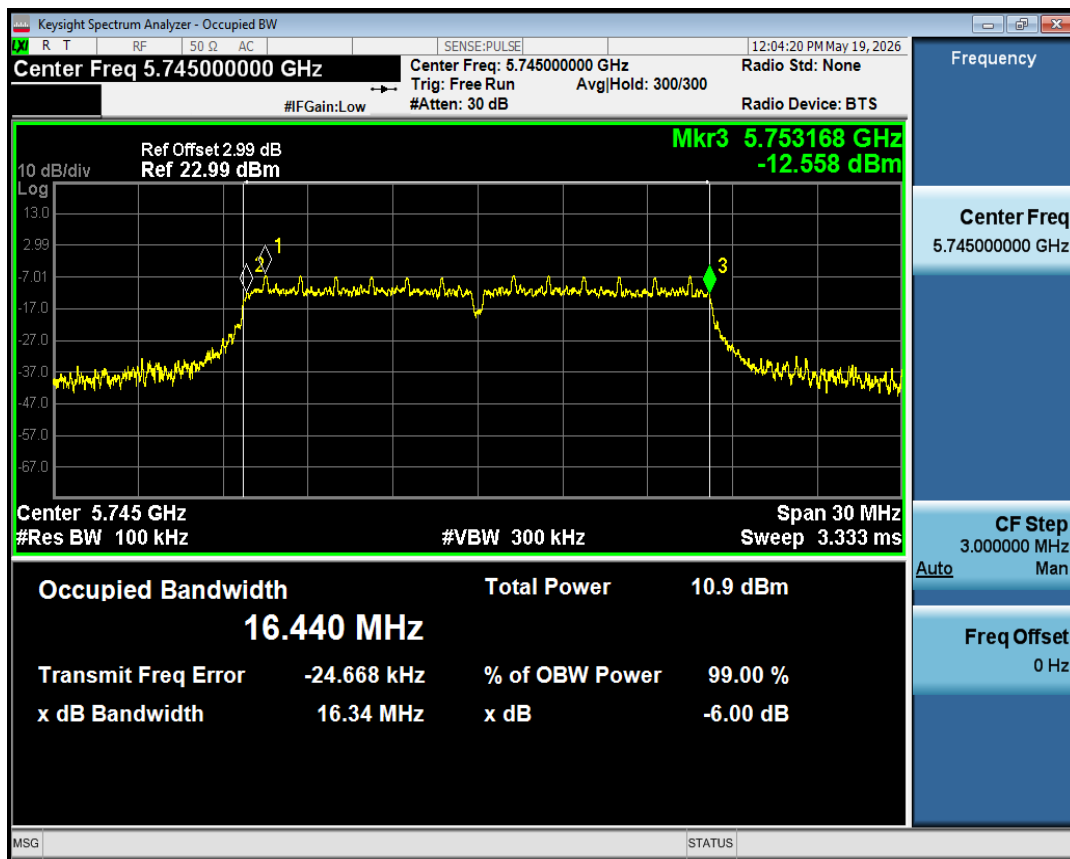
Duty Cycle NVNT ax40 5795MHz Ant1

Maximum Conducted Output Power

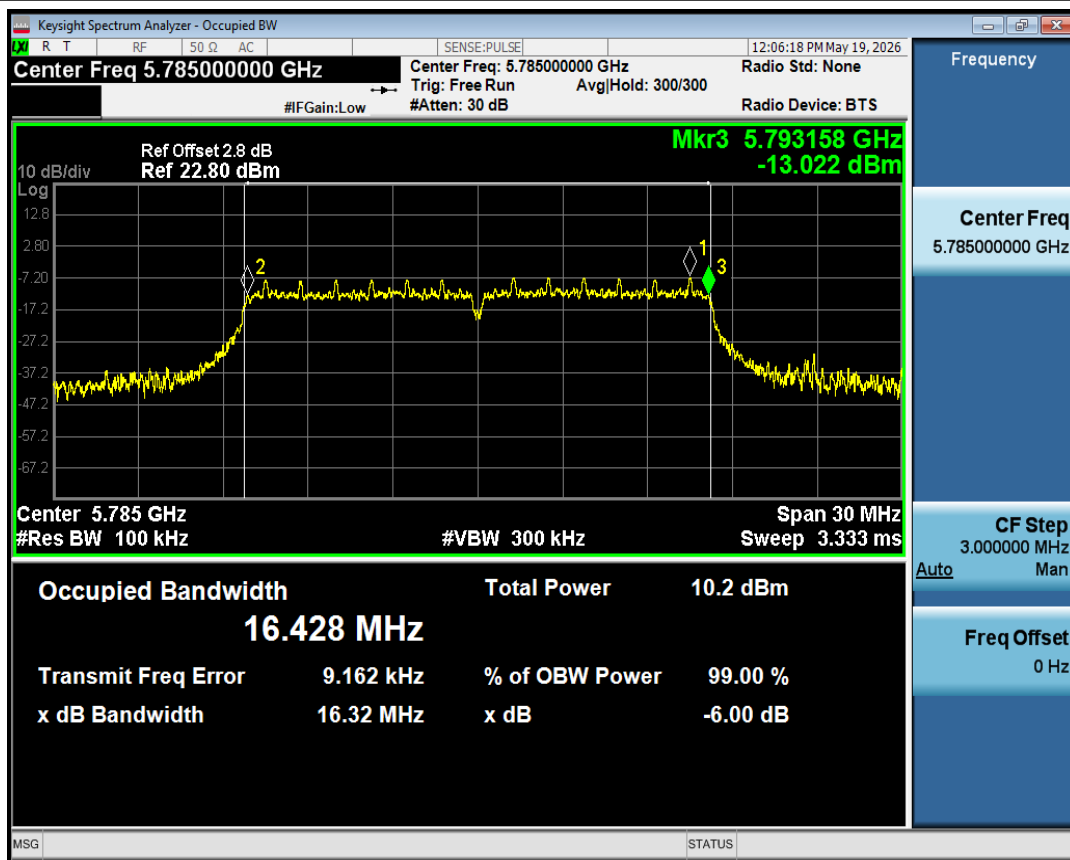
Condition	Mode	Frequency (MHz)	Antenna	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	4.94	0.00312	30	Pass
NVNT	a	5785	Ant1	4.67	0.00293	30	Pass
NVNT	a	5825	Ant1	4.93	0.00311	30	Pass
NVNT	n20	5745	Ant1	5.07	0.00321	30	Pass
NVNT	n20	5785	Ant1	4.87	0.00307	30	Pass
NVNT	n20	5825	Ant1	5.17	0.00329	30	Pass
NVNT	n40	5755	Ant1	4.39	0.00275	30	Pass
NVNT	n40	5795	Ant1	4.47	0.0028	30	Pass
NVNT	ac20	5745	Ant1	5.1	0.00324	30	Pass
NVNT	ac20	5785	Ant1	4.86	0.00306	30	Pass
NVNT	ac20	5825	Ant1	5.3	0.00339	30	Pass
NVNT	ac40	5755	Ant1	4.42	0.00277	30	Pass
NVNT	ac40	5795	Ant1	4.68	0.00294	30	Pass
NVNT	ax20	5745	Ant1	5.21	0.00332	30	Pass
NVNT	ax20	5785	Ant1	5.06	0.00321	30	Pass
NVNT	ax20	5825	Ant1	5.32	0.0034	30	Pass
NVNT	ax40	5755	Ant1	4.62	0.0029	30	Pass
NVNT	ax40	5795	Ant1	4.64	0.00291	30	Pass

-6dB Bandwidth

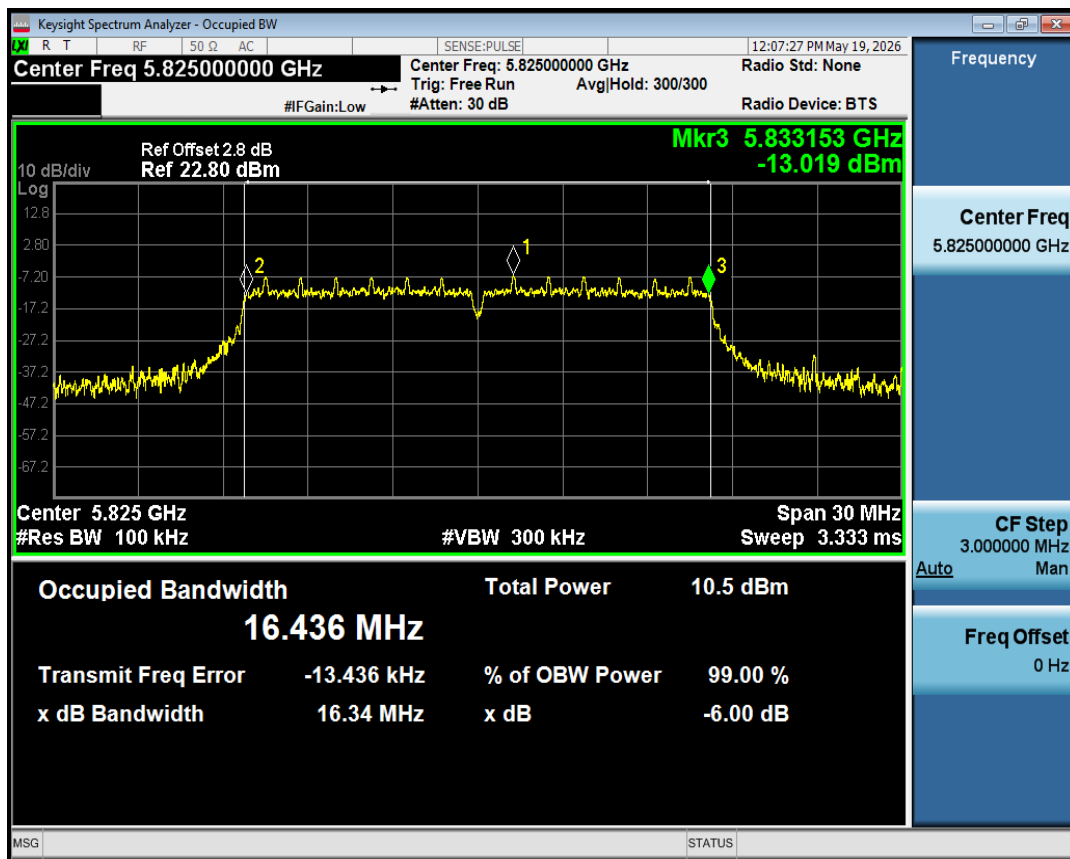
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.34	0.5	Pass
NVNT	a	5785	Ant1	16.32	0.5	Pass
NVNT	a	5825	Ant1	16.34	0.5	Pass
NVNT	n20	5745	Ant1	17.22	0.5	Pass
NVNT	n20	5785	Ant1	17.21	0.5	Pass
NVNT	n20	5825	Ant1	17.27	0.5	Pass
NVNT	n40	5755	Ant1	35.49	0.5	Pass
NVNT	n40	5795	Ant1	35.16	0.5	Pass
NVNT	ac20	5745	Ant1	17.23	0.5	Pass
NVNT	ac20	5785	Ant1	17.15	0.5	Pass
NVNT	ac20	5825	Ant1	17.23	0.5	Pass
NVNT	ac40	5755	Ant1	35.53	0.5	Pass
NVNT	ac40	5795	Ant1	35.31	0.5	Pass
NVNT	ax20	5745	Ant1	17.27	0.5	Pass
NVNT	ax20	5785	Ant1	17.01	0.5	Pass
NVNT	ax20	5825	Ant1	17.28	0.5	Pass
NVNT	ax40	5755	Ant1	35.61	0.5	Pass
NVNT	ax40	5795	Ant1	35.38	0.5	Pass



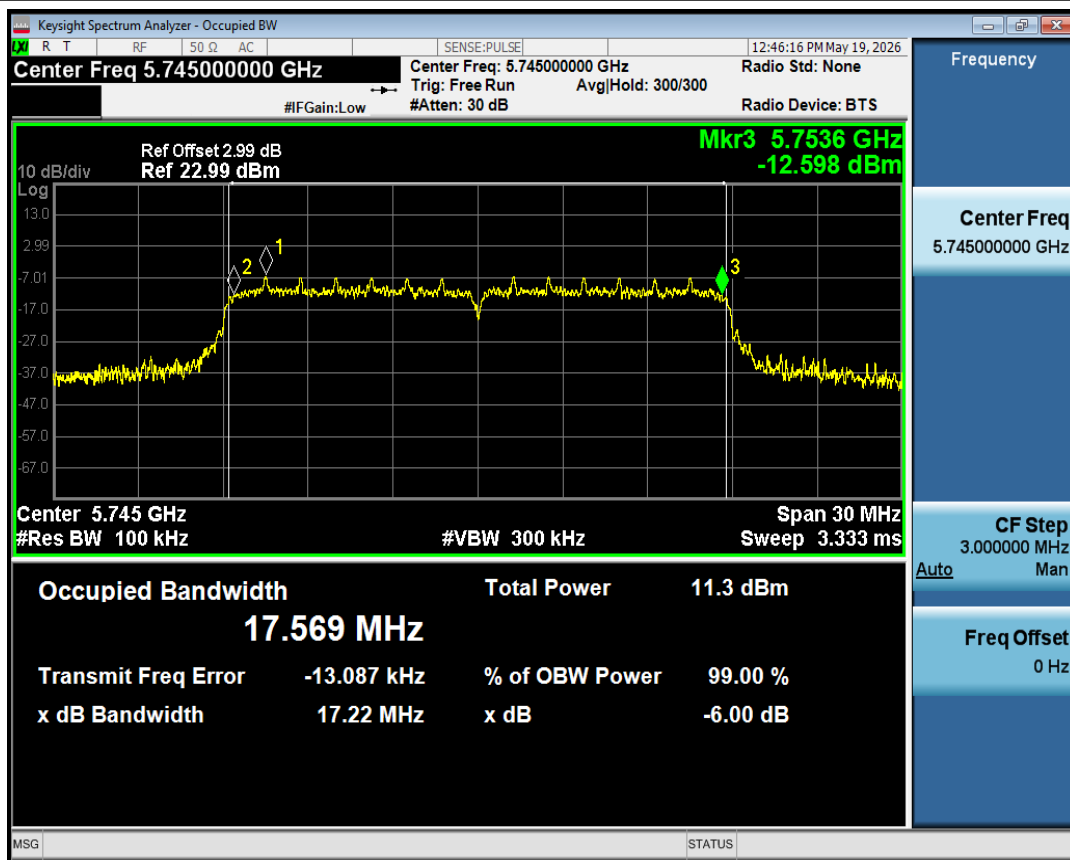
-6dB Bandwidth NVNT a 5745MHz Ant1



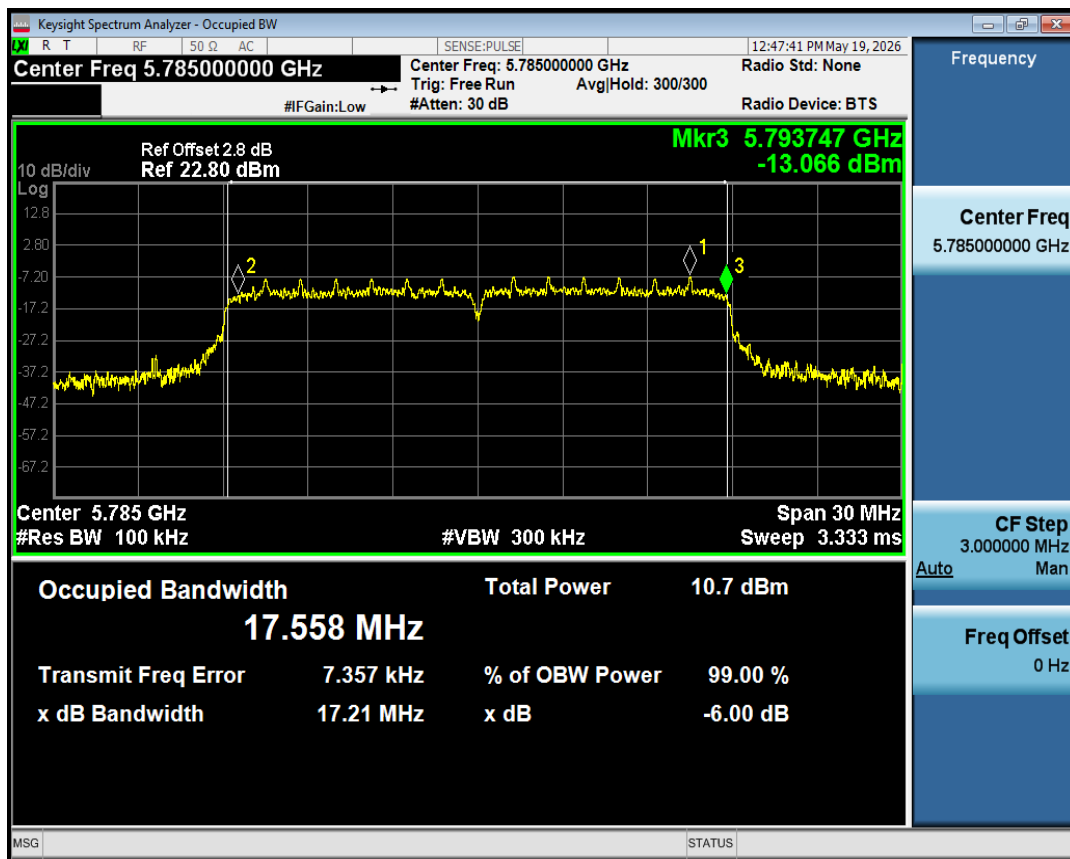
-6dB Bandwidth NVNT a 5785MHz Ant1



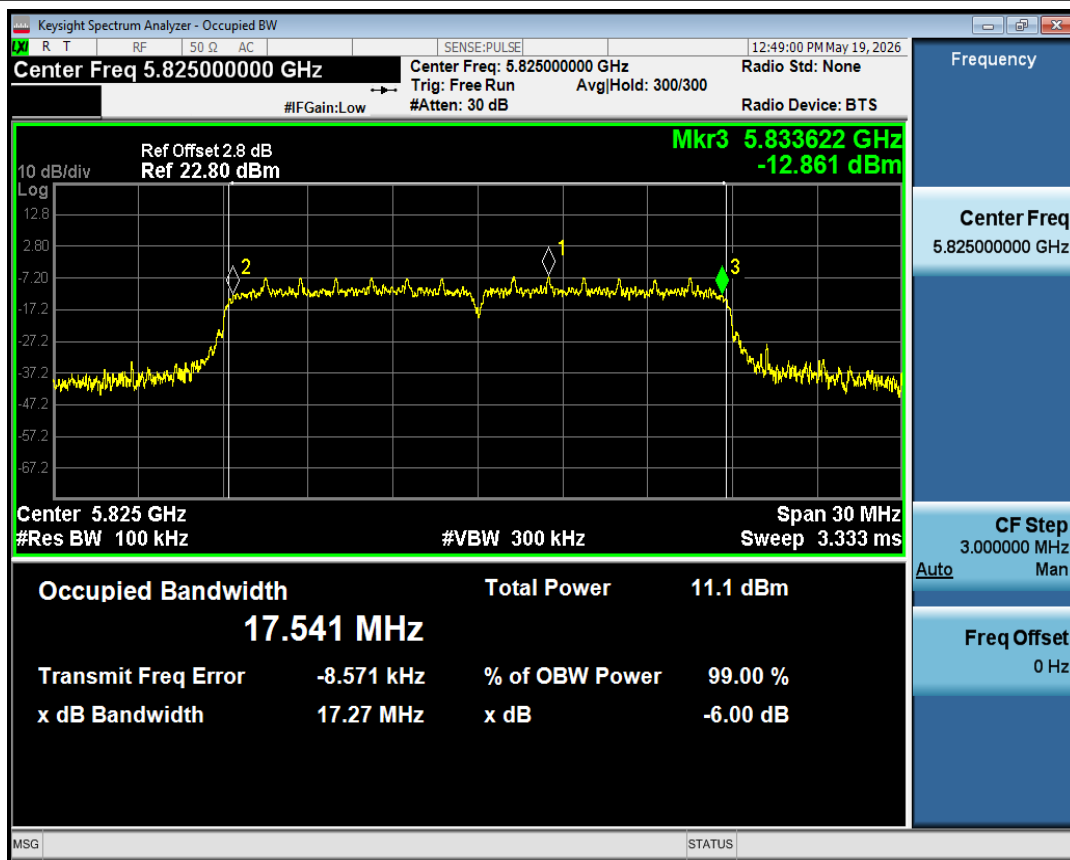
-6dB Bandwidth NVNT a 5825MHz Ant1



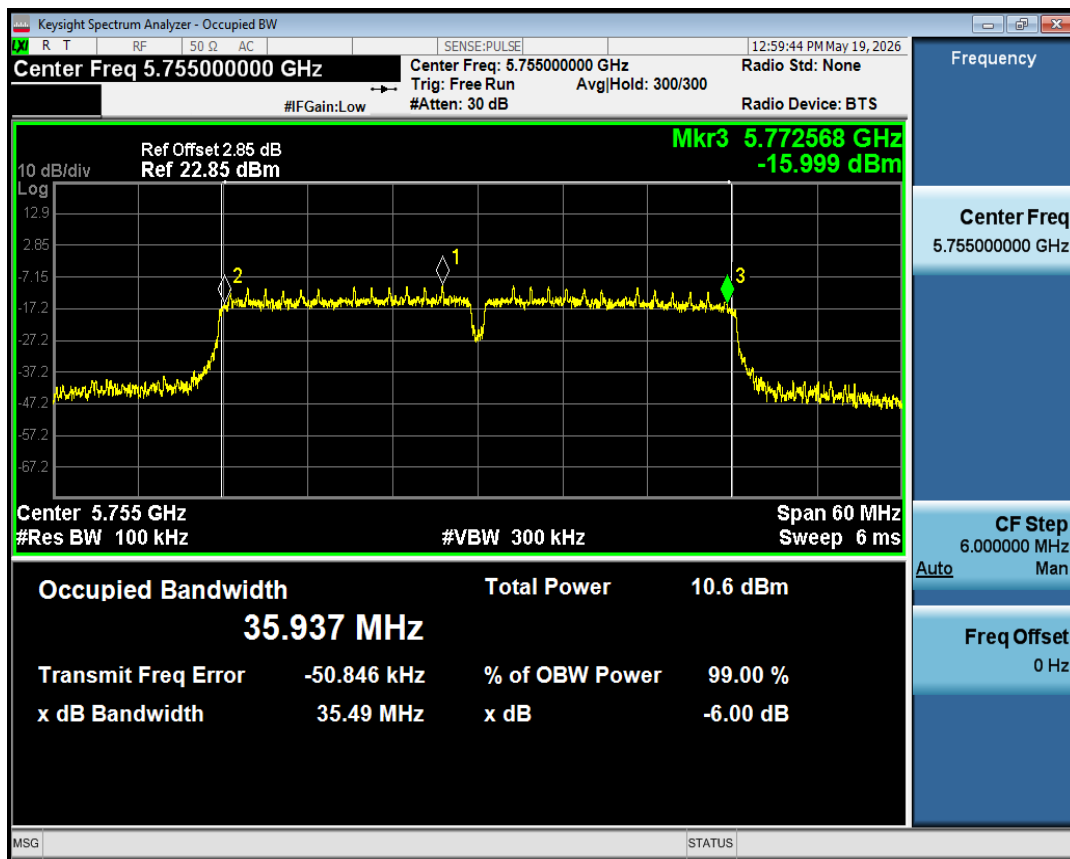
-6dB Bandwidth NVNT n20 5745MHz Ant1



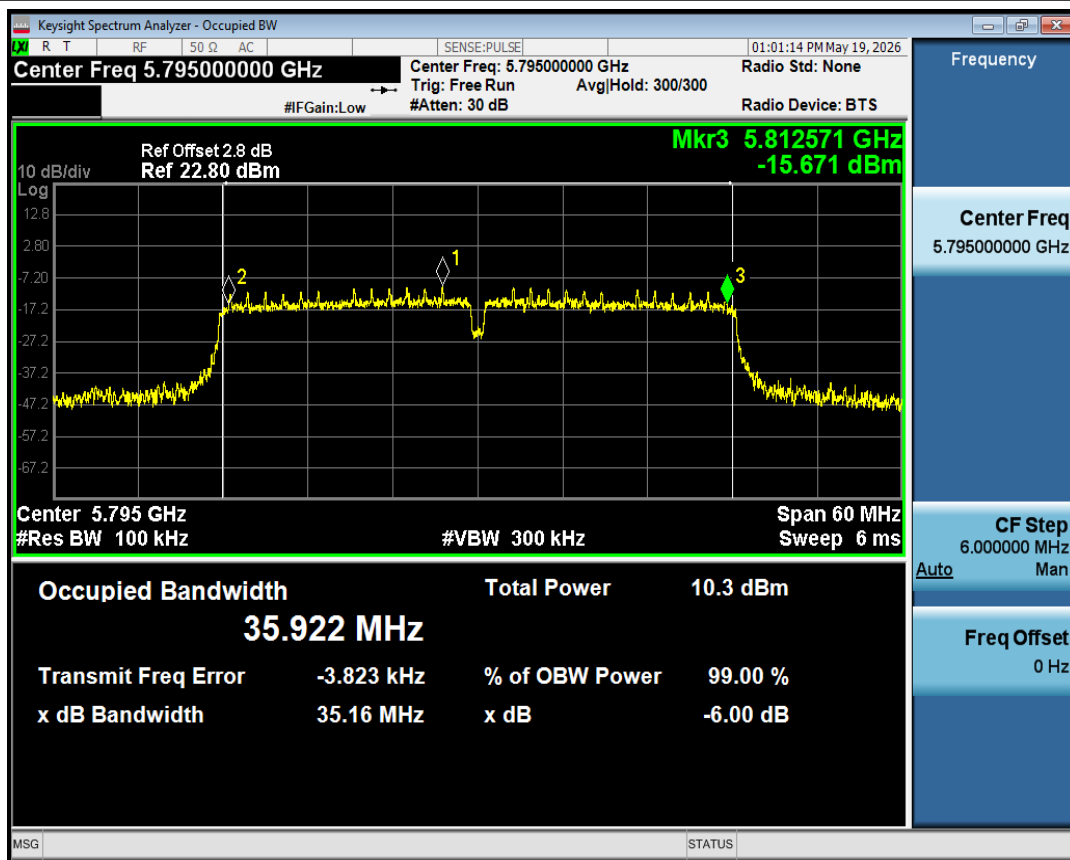
-6dB Bandwidth NVNT n20 5785MHz Ant1



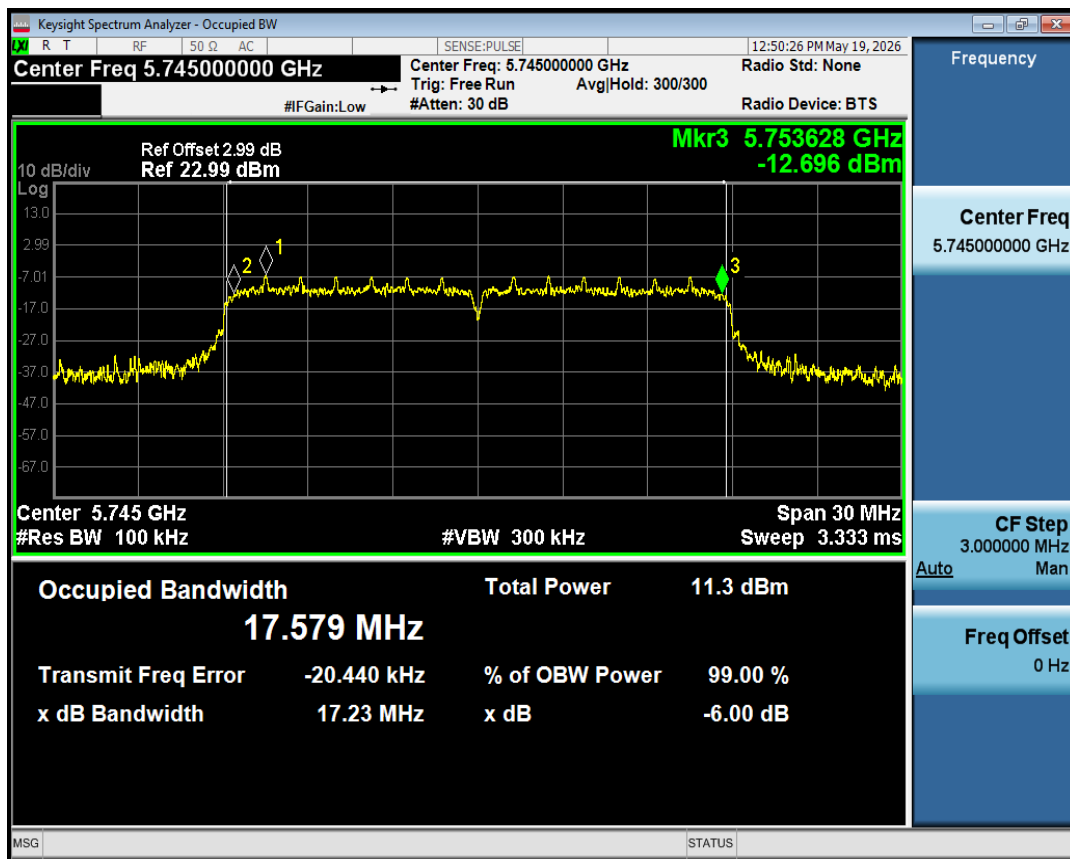
-6dB Bandwidth NVNT n20 5825MHz Ant1



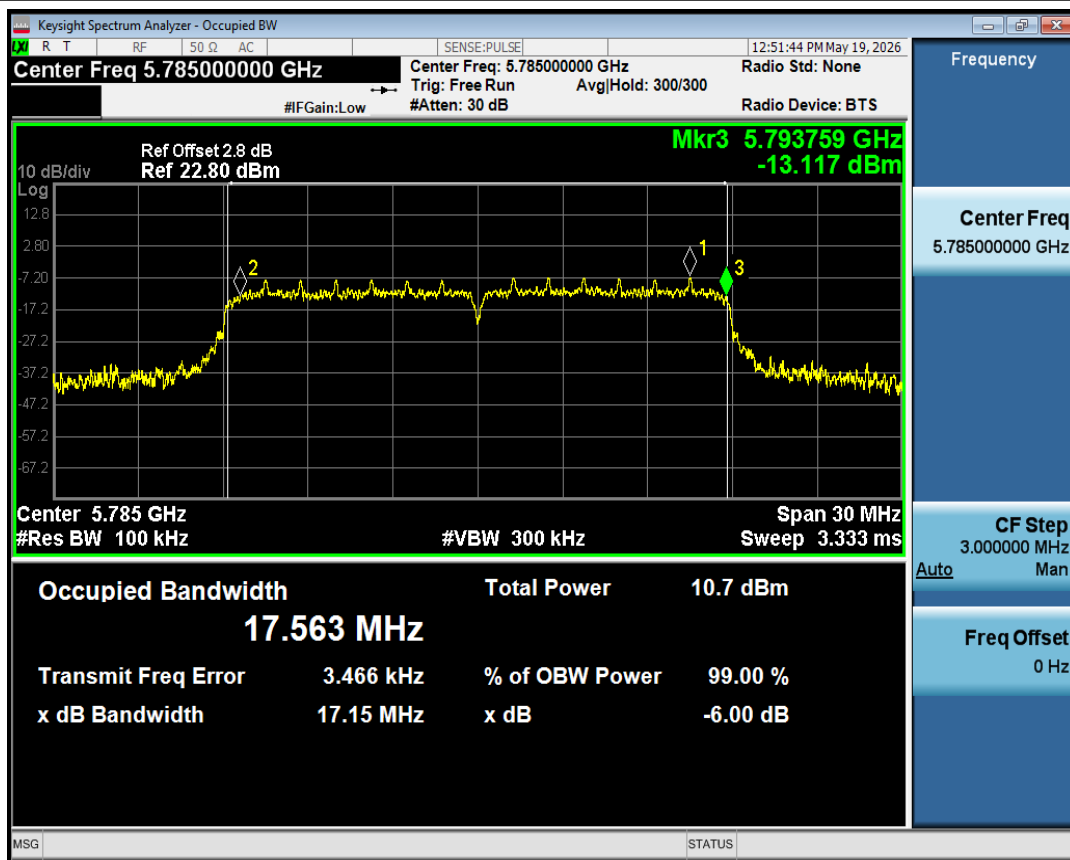
-6dB Bandwidth NVNT n40 5755MHz Ant1



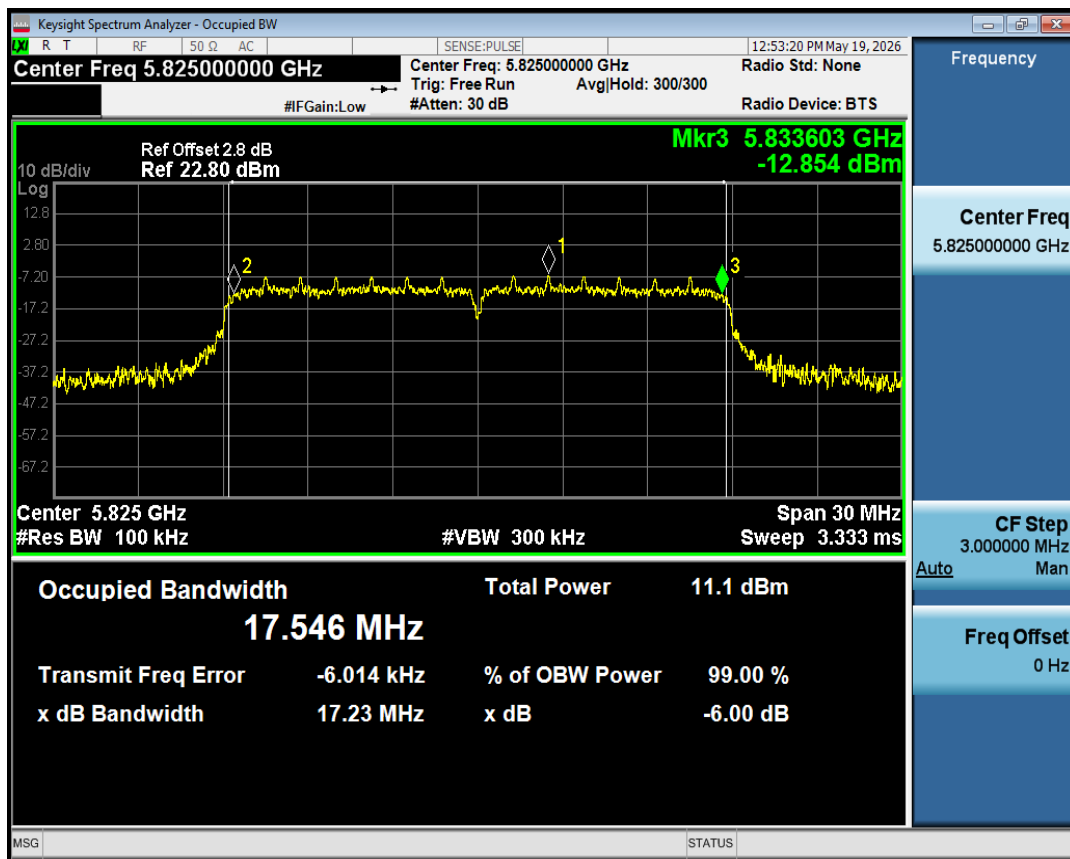
-6dB Bandwidth NVNT n40 5795MHz Ant1



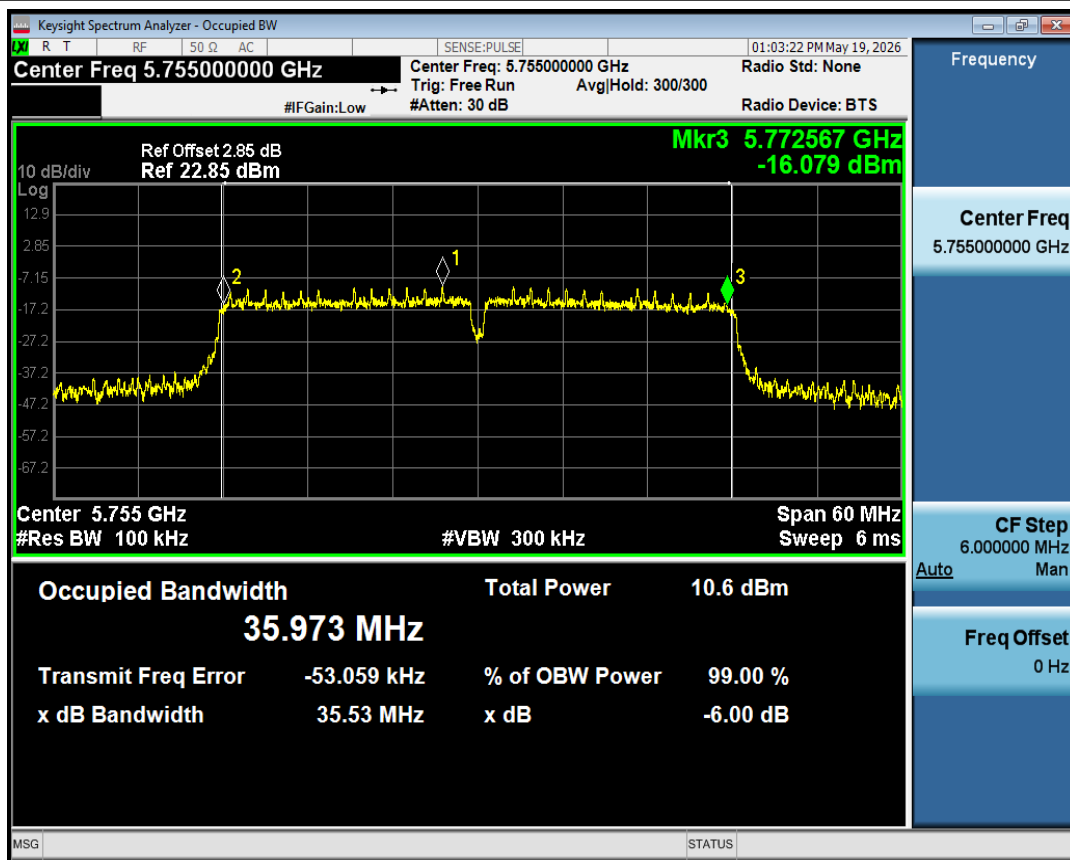
-6dB Bandwidth NVNT ac20 5745MHz Ant1



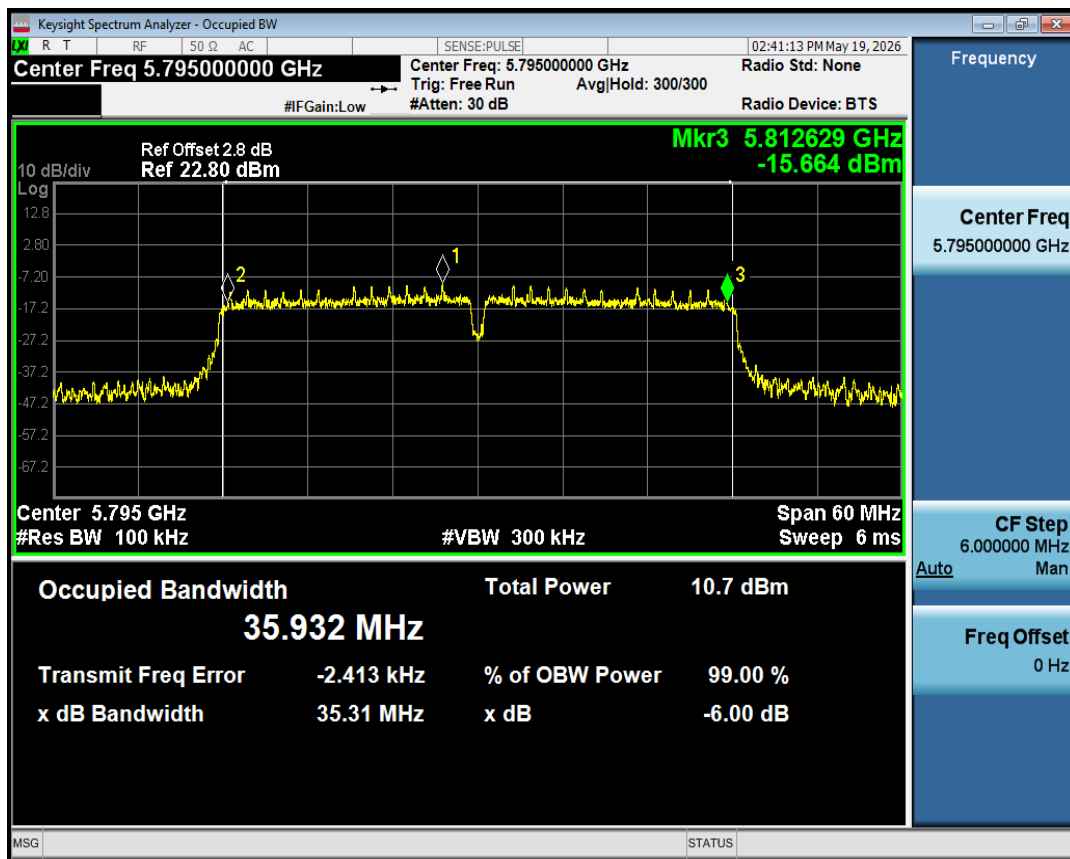
-6dB Bandwidth NVNT ac20 5785MHz Ant1



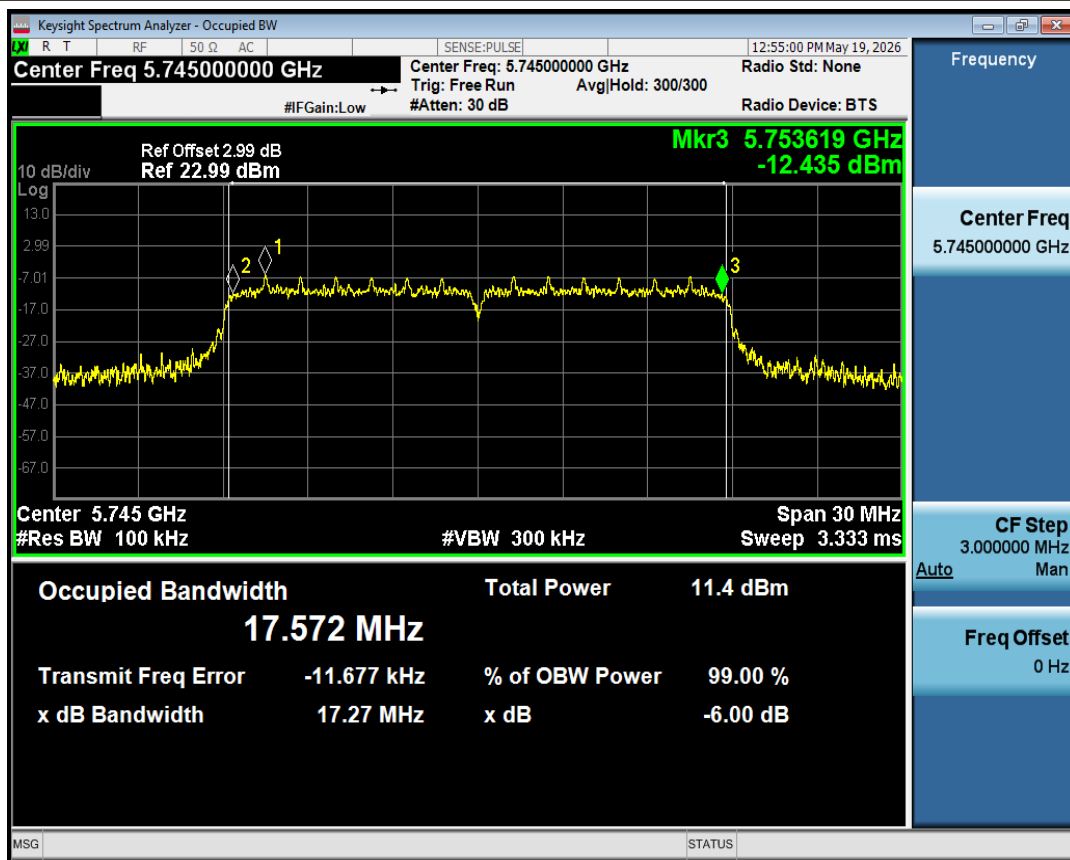
-6dB Bandwidth NVNT ac20 5825MHz Ant1



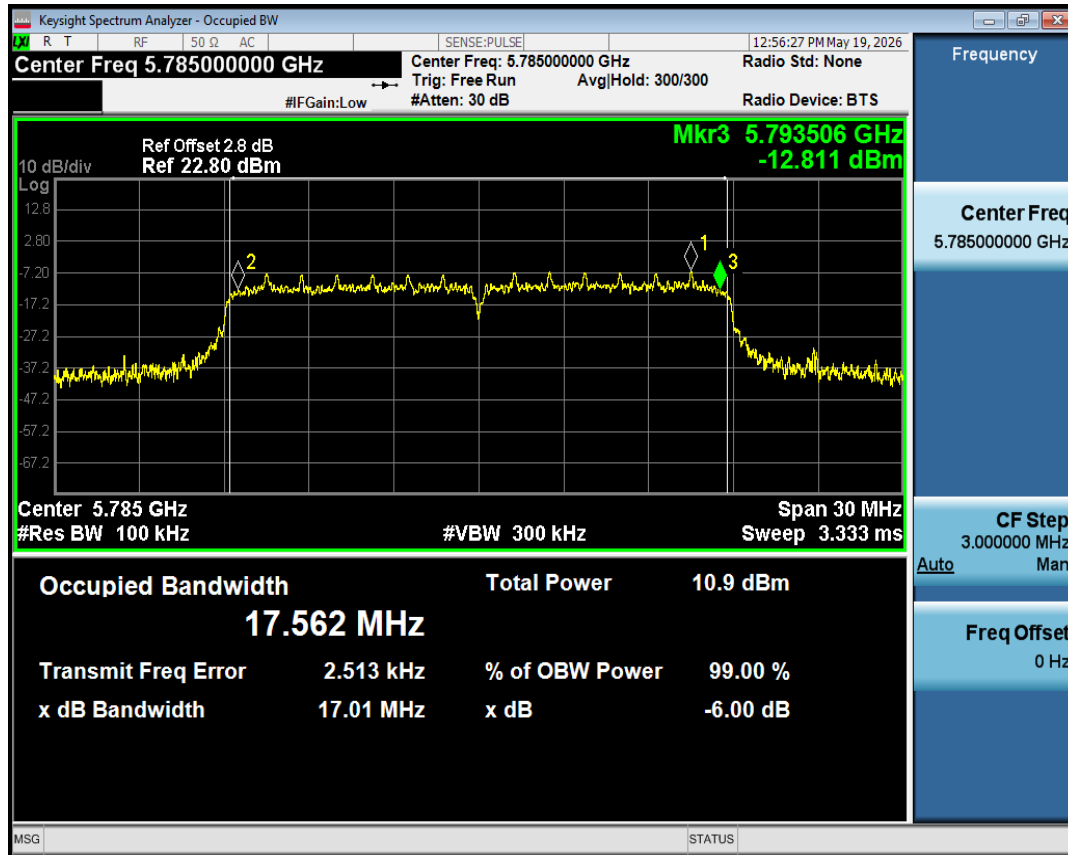
-6dB Bandwidth NVNT ac40 5755MHz Ant1



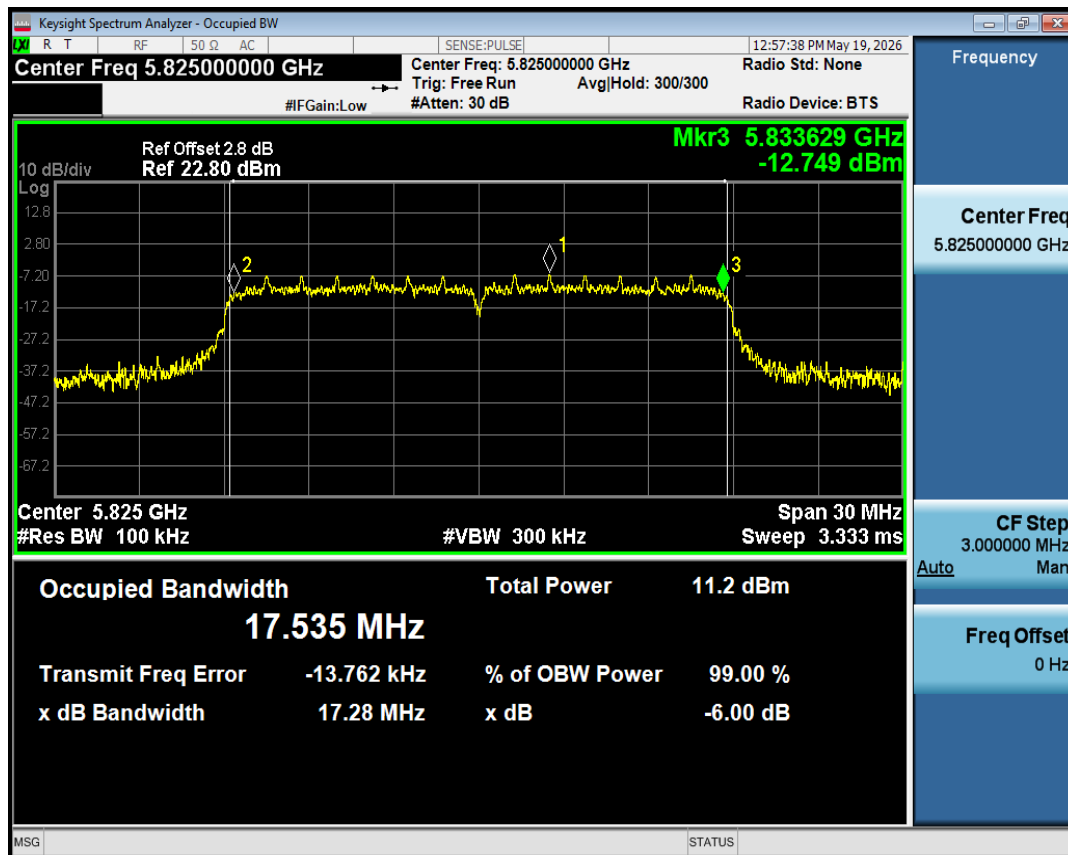
-6dB Bandwidth NVNT ac40 5795MHz Ant1



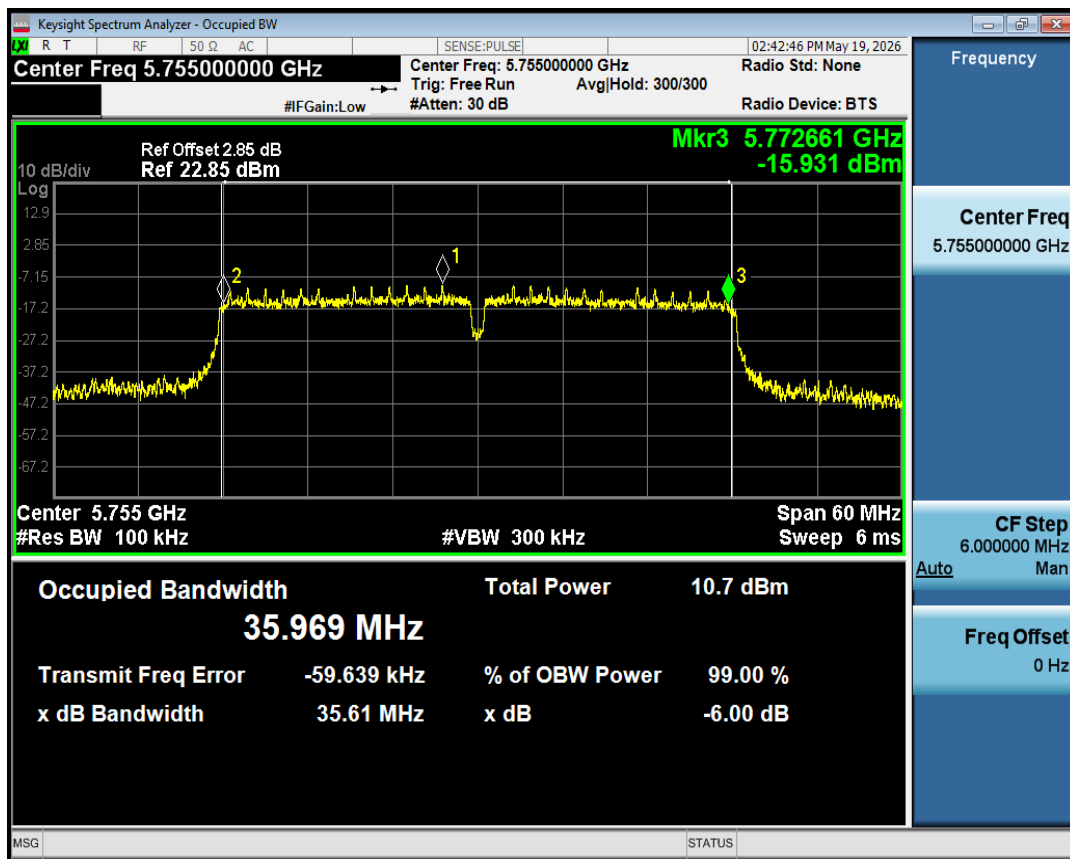
-6dB Bandwidth NVNT ax20 5745MHz Ant1



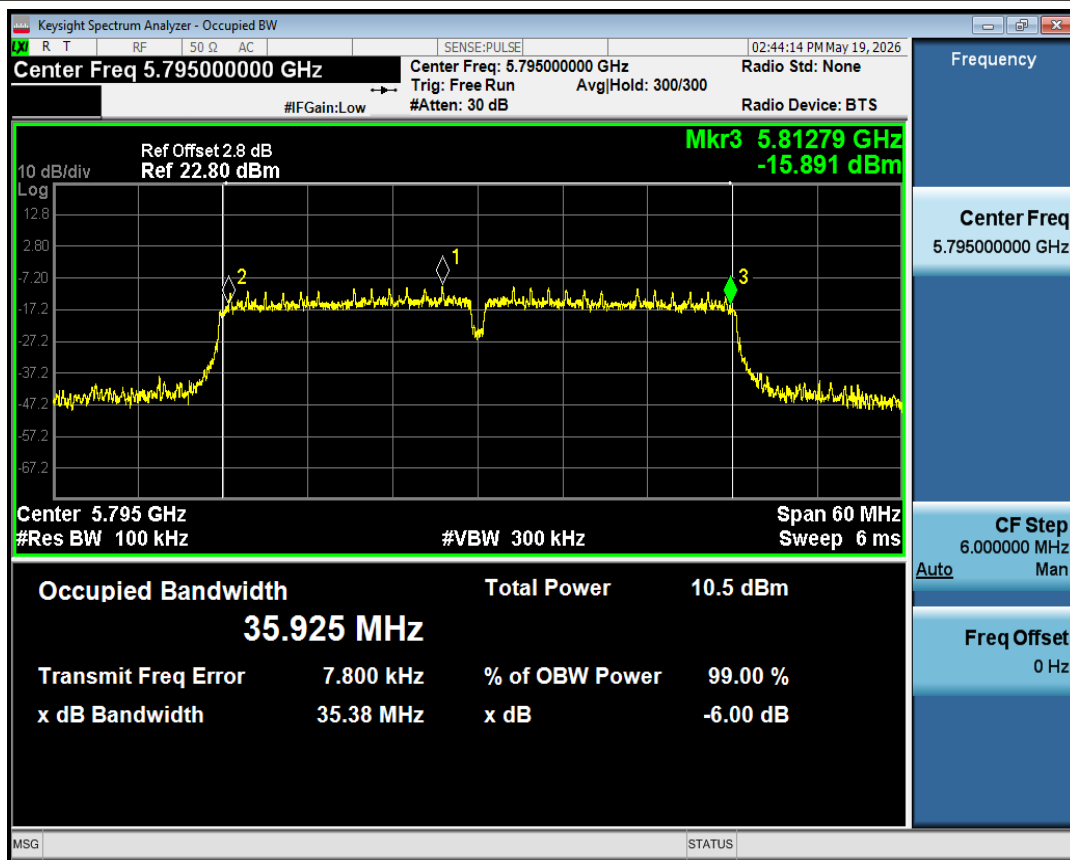
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



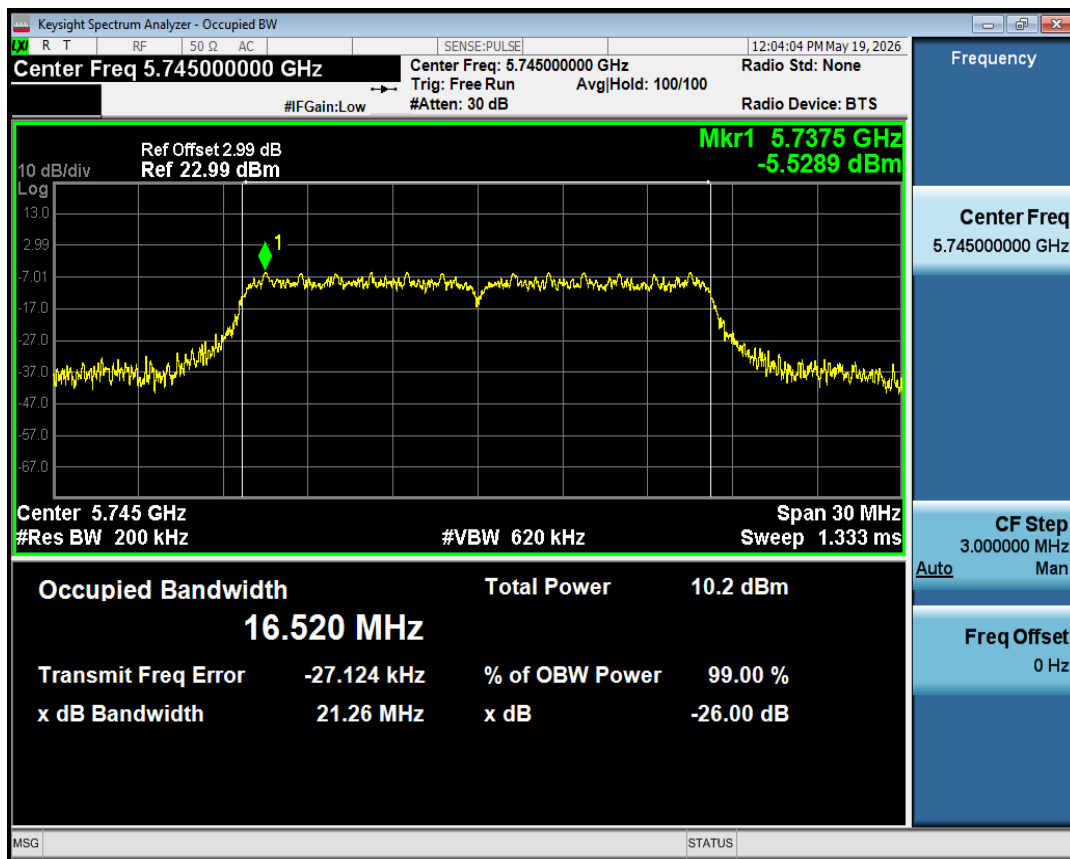
-6dB Bandwidth NVNT ax40 5755MHz Ant1



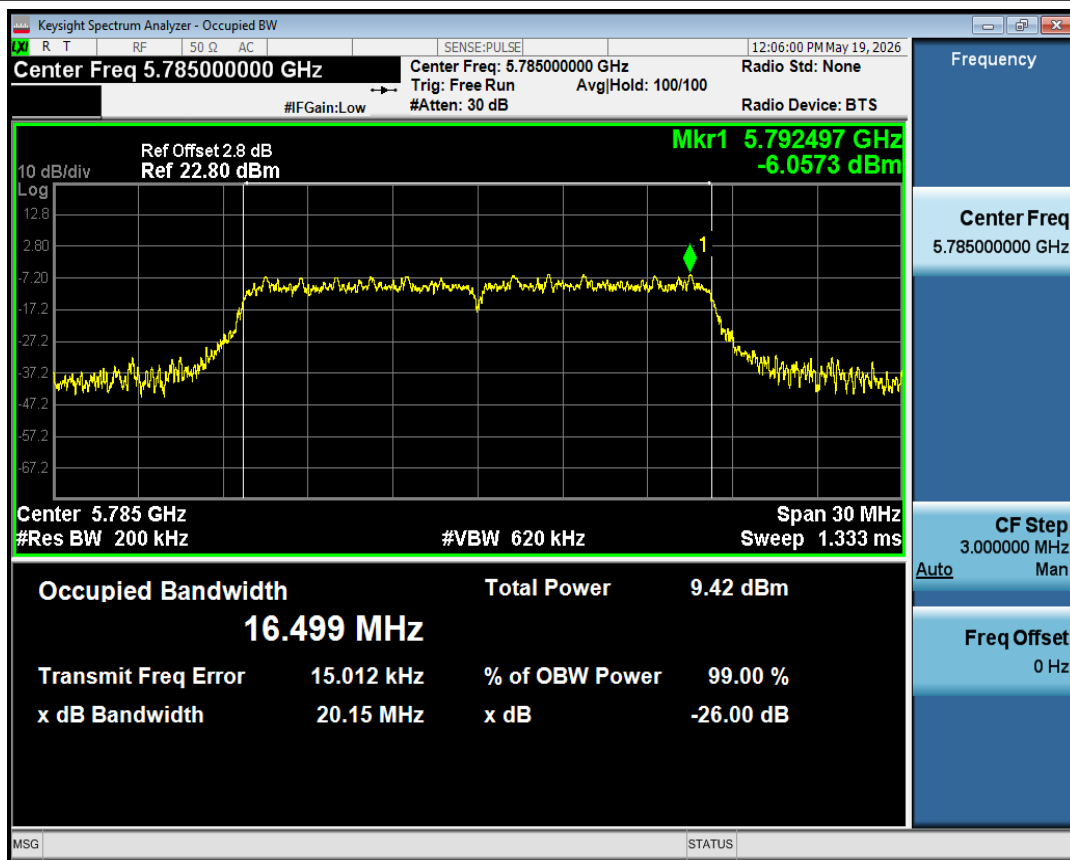
-6dB Bandwidth NVNT ax40 5795MHz Ant1

Occupied Channel Bandwidth

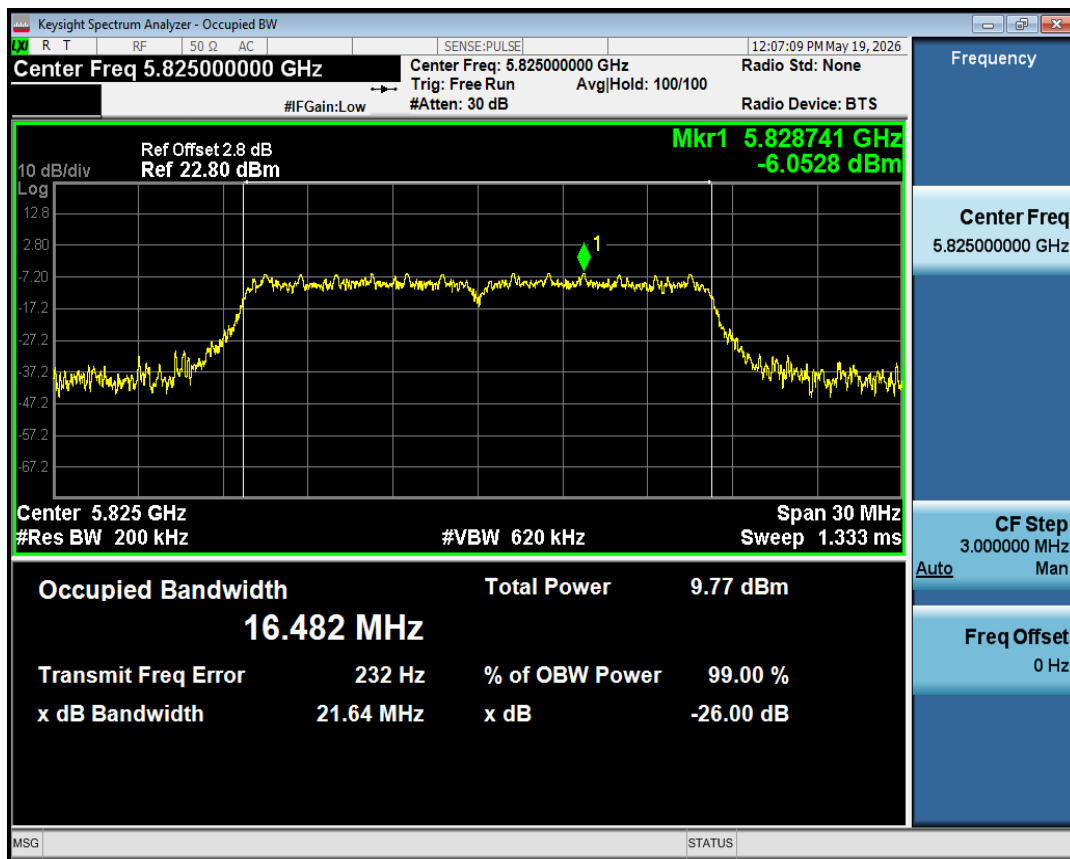
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.52
NVNT	a	5785	Ant1	16.499
NVNT	a	5825	Ant1	16.482
NVNT	n20	5745	Ant1	17.605
NVNT	n20	5785	Ant1	17.586
NVNT	n20	5825	Ant1	17.567
NVNT	n40	5755	Ant1	36.119
NVNT	n40	5795	Ant1	36.124
NVNT	ac20	5745	Ant1	17.6
NVNT	ac20	5785	Ant1	17.56
NVNT	ac20	5825	Ant1	17.547
NVNT	ac40	5755	Ant1	36.171
NVNT	ac40	5795	Ant1	36.191
NVNT	ax20	5745	Ant1	17.585
NVNT	ax20	5785	Ant1	17.557
NVNT	ax20	5825	Ant1	17.564
NVNT	ax40	5755	Ant1	36.101
NVNT	ax40	5795	Ant1	36.139



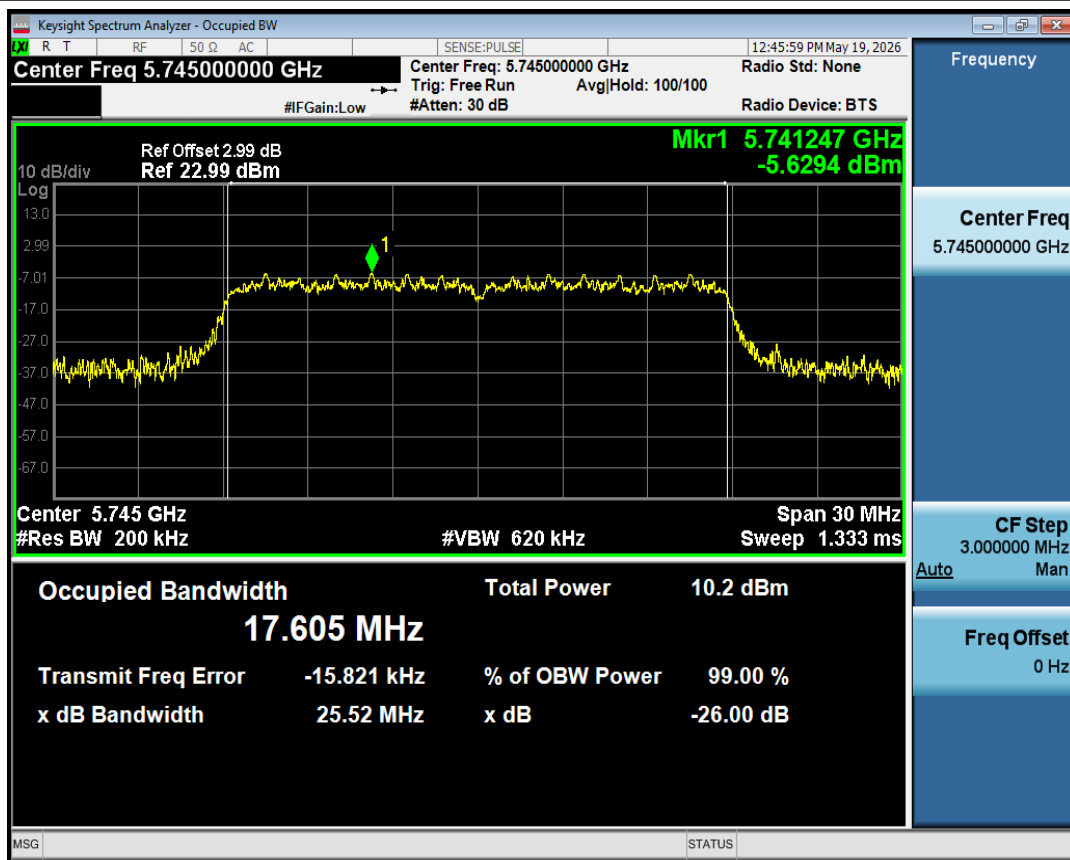
OBW NVNT a 5745MHz Ant1



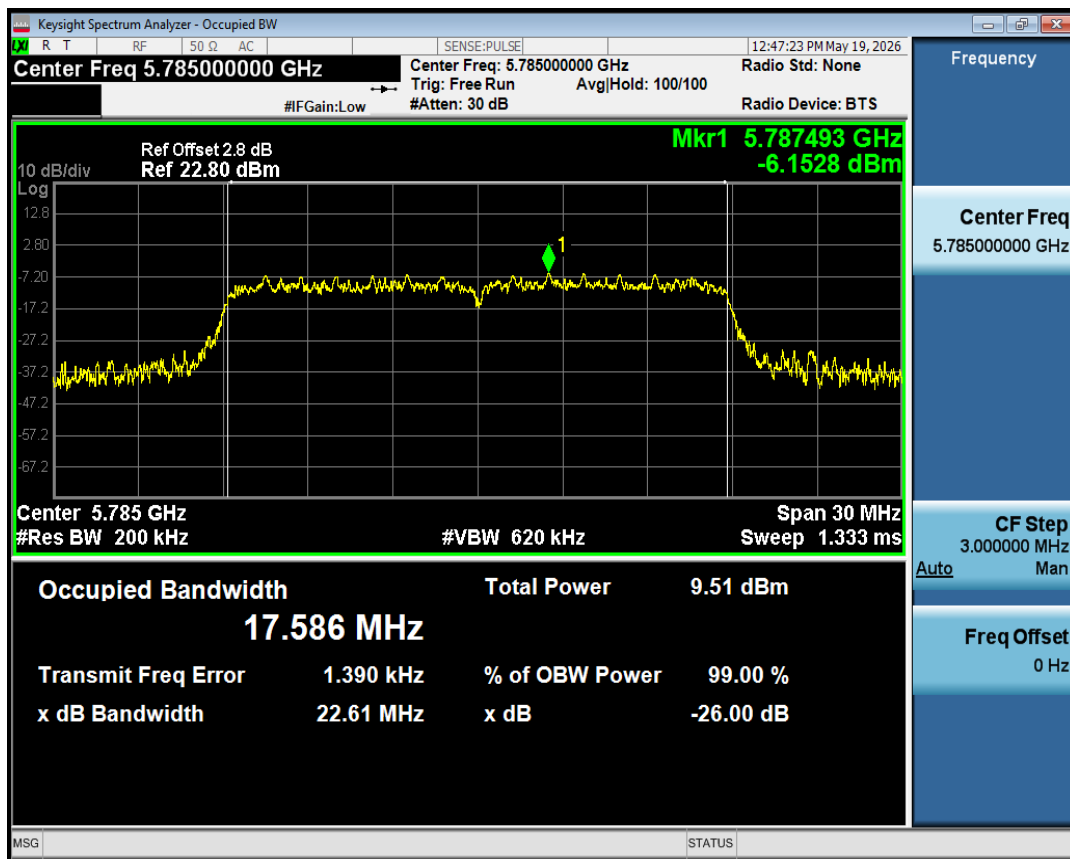
OBW NVNT a 5785MHz Ant1



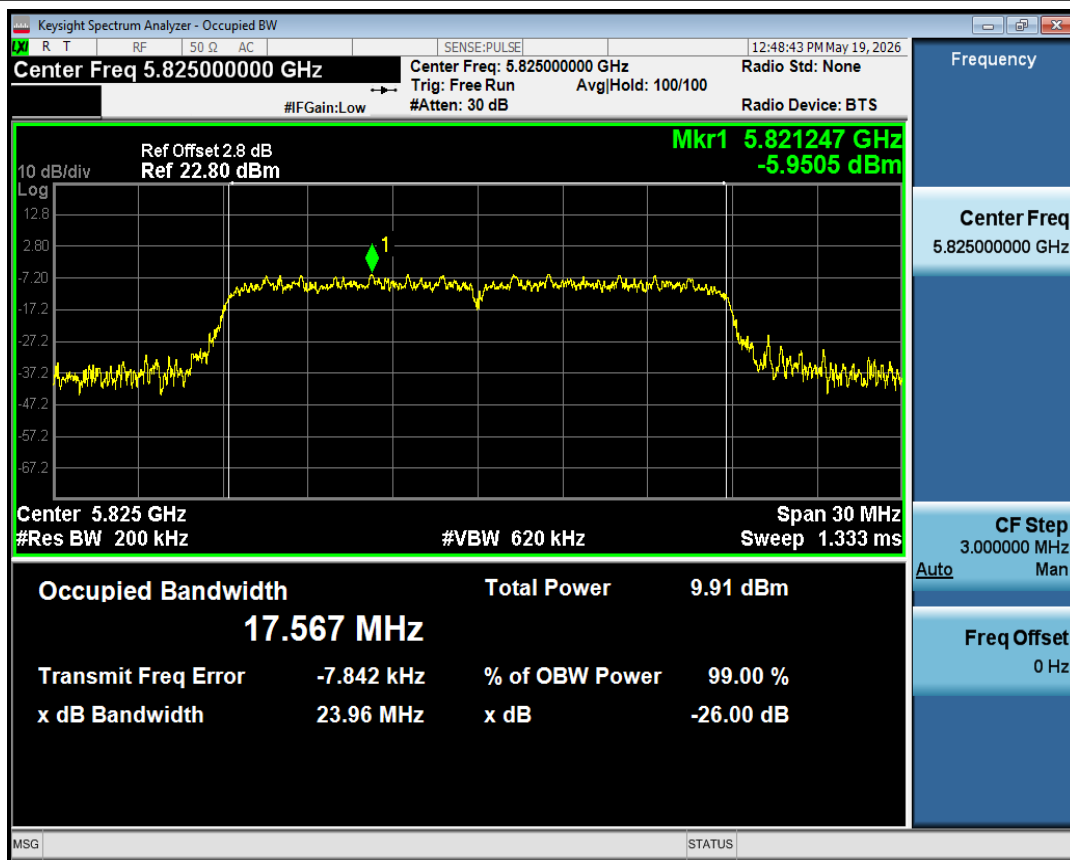
OBW NVNT a 5825MHz Ant1



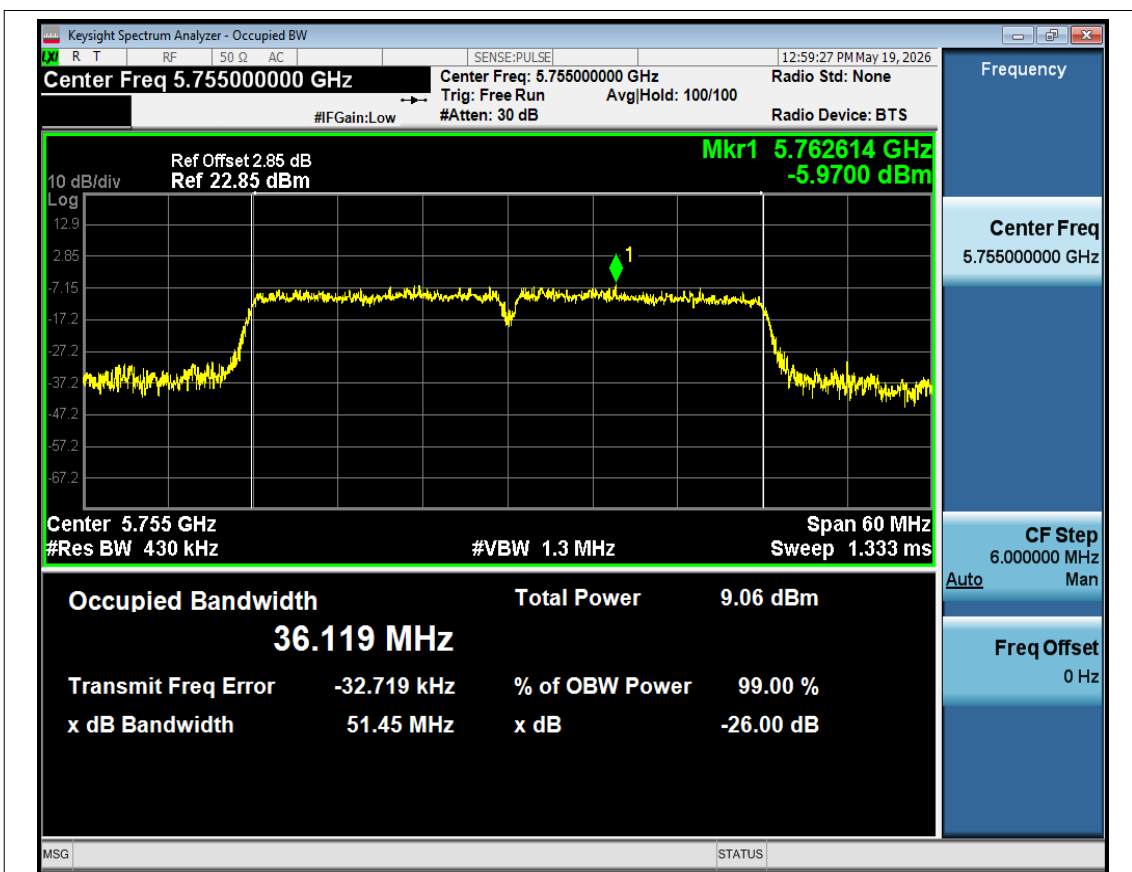
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



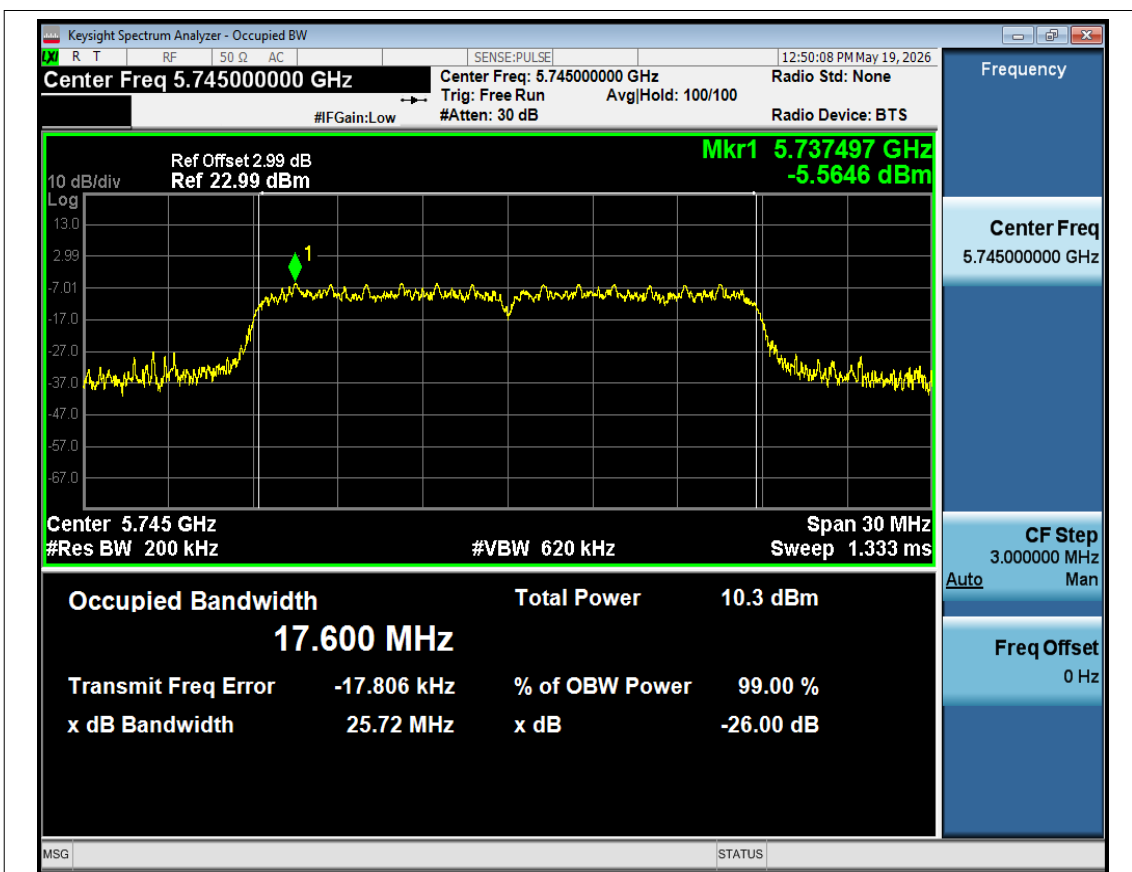
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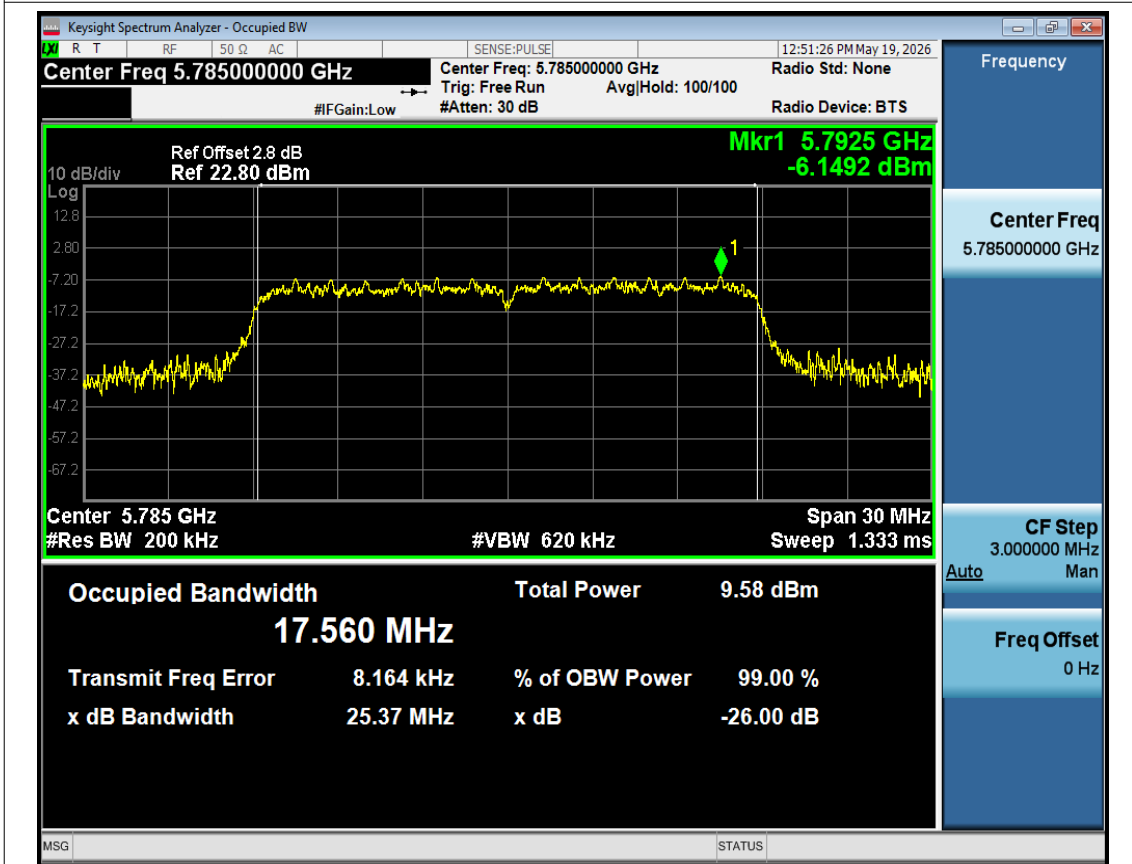
OBW NVNT n40 5755MHz Ant1



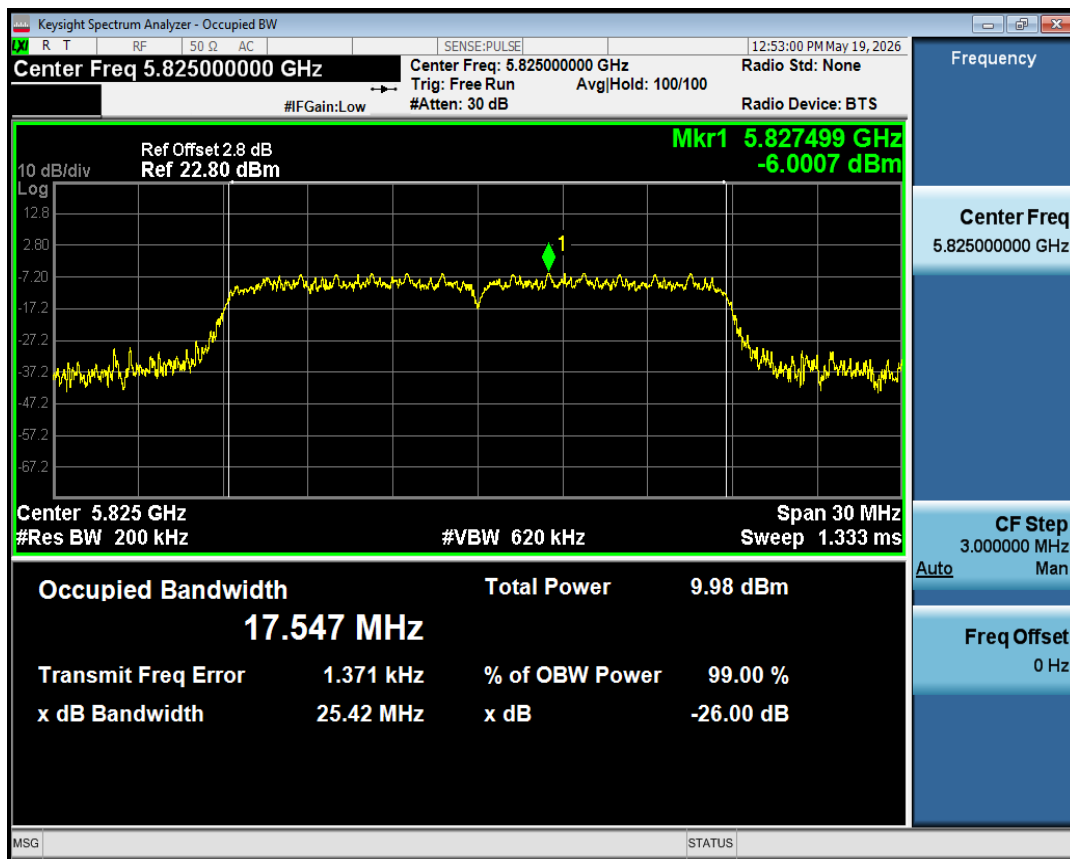
OBW NVNT n40 5795MHz Ant1



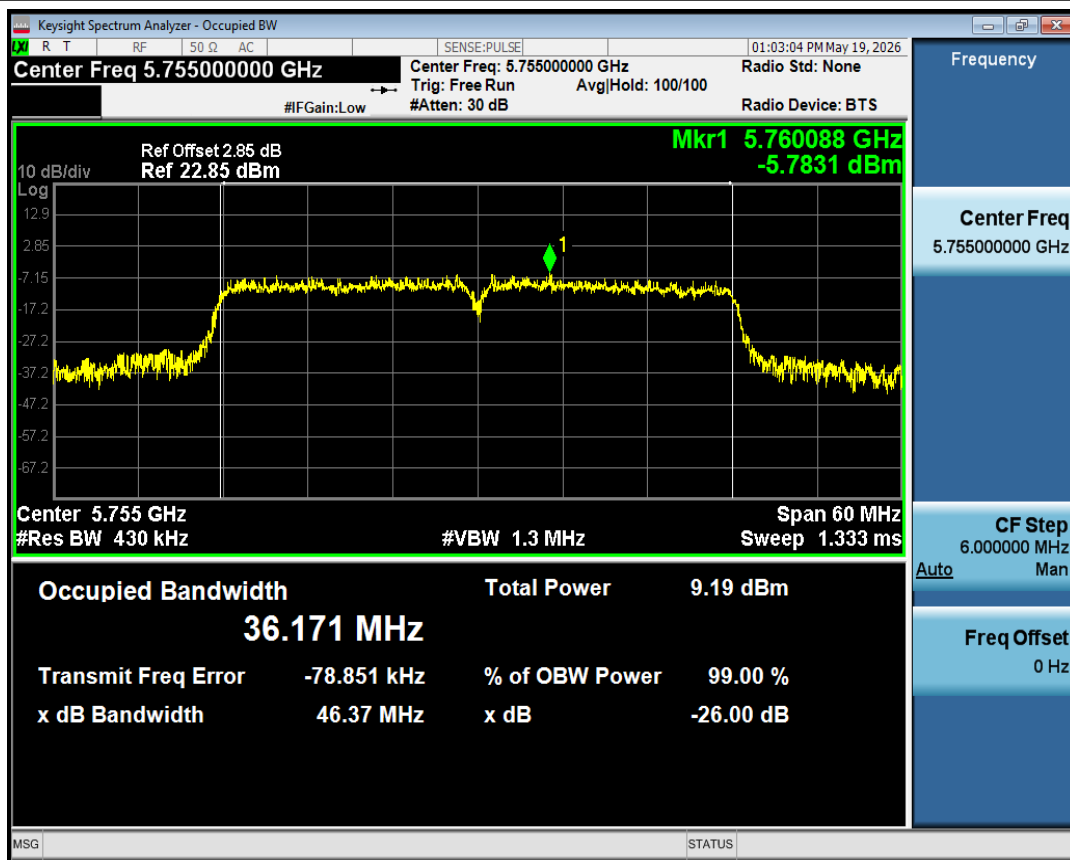
OBW NVNT ac20 5745MHz Ant1



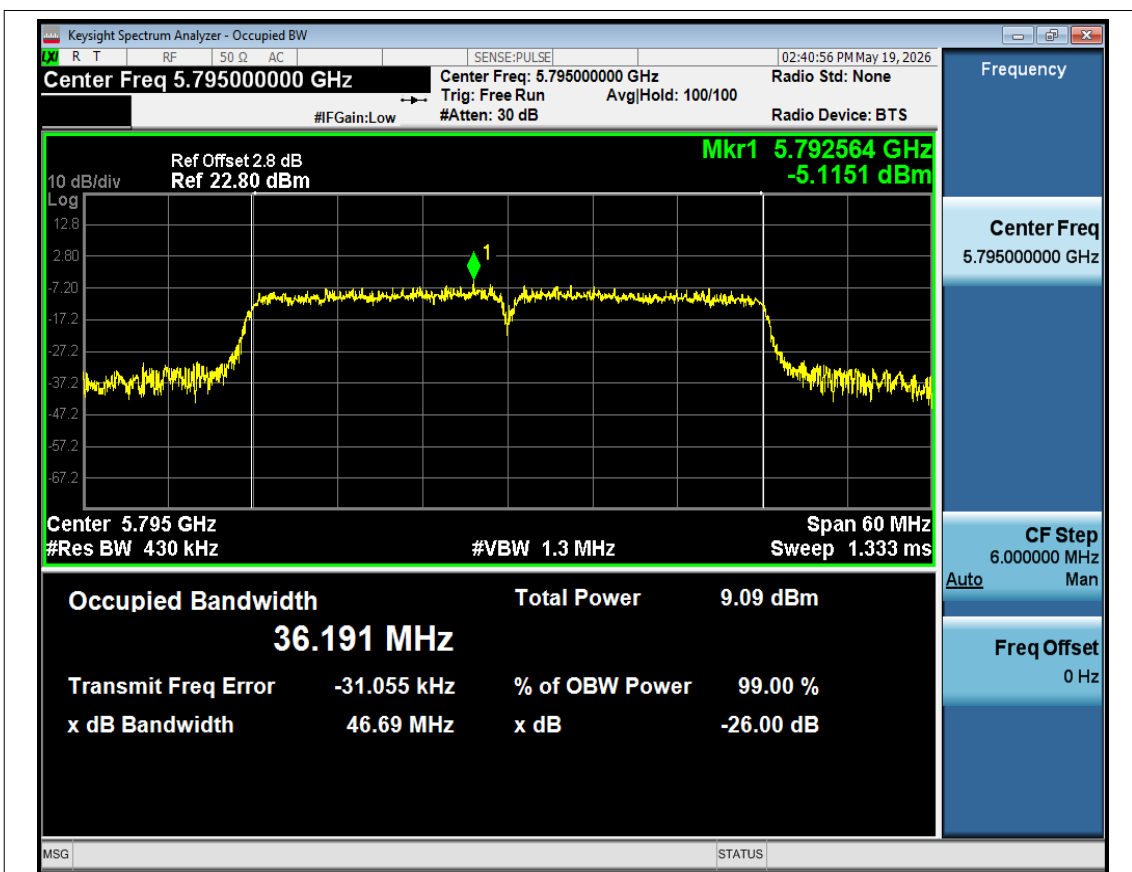
OBW NVNT ac20 5785MHz Ant1



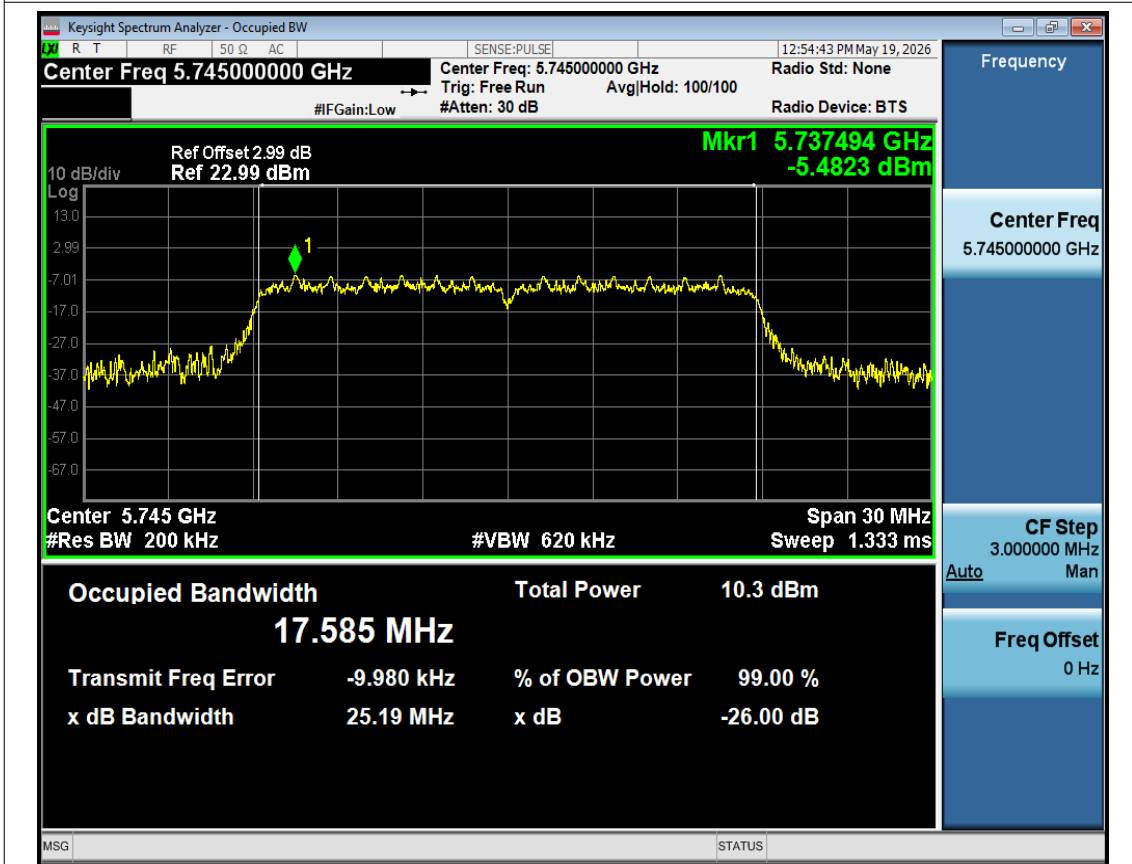
OBW NVNT ac20 5825MHz Ant1



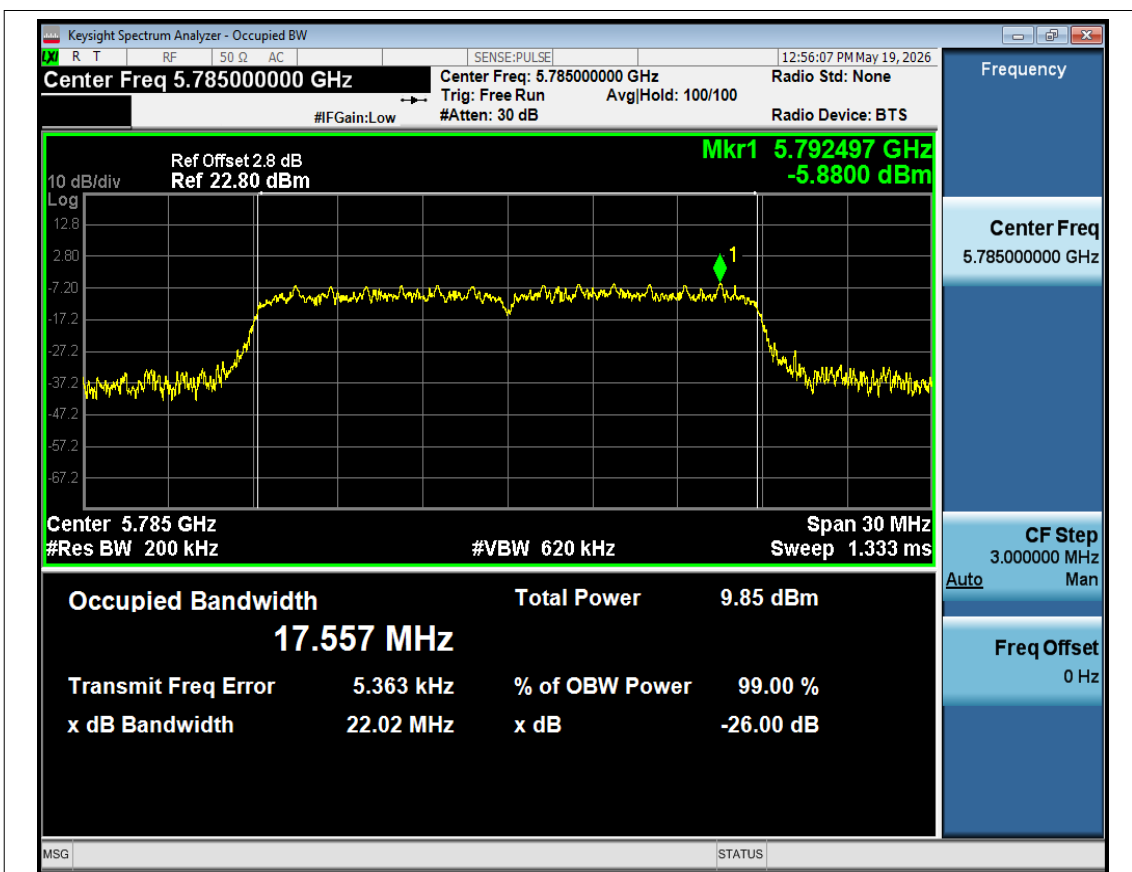
OBW NVNT ac40 5755MHz Ant1



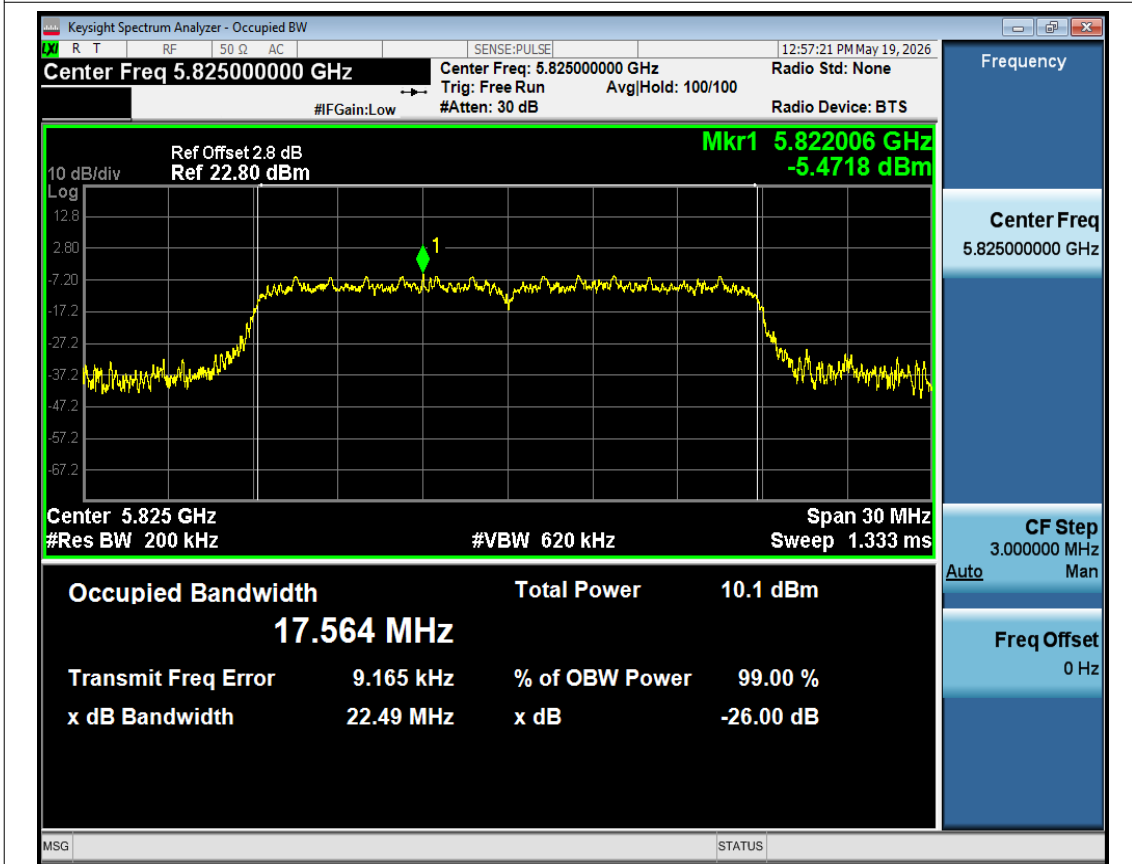
OBW NVNT ac40 5795MHz Ant1



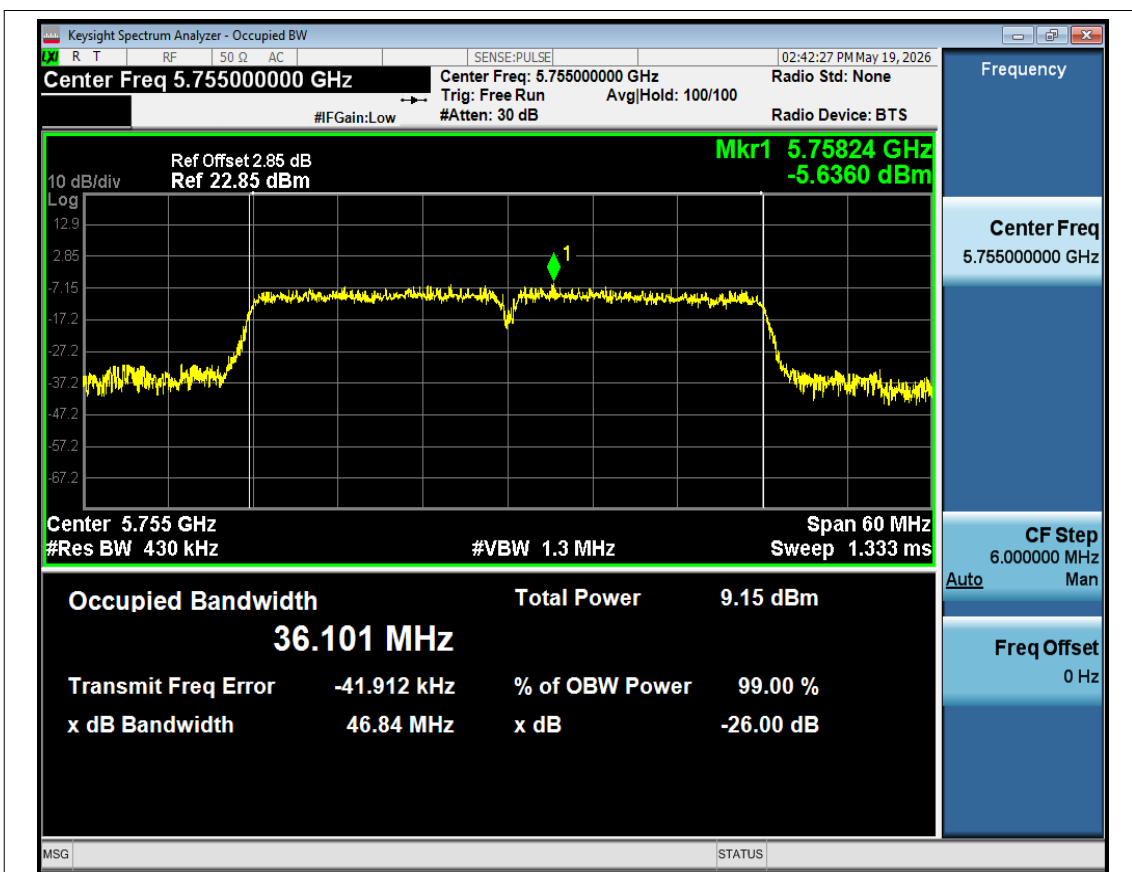
OBW NVNT ax20 5745MHz Ant1



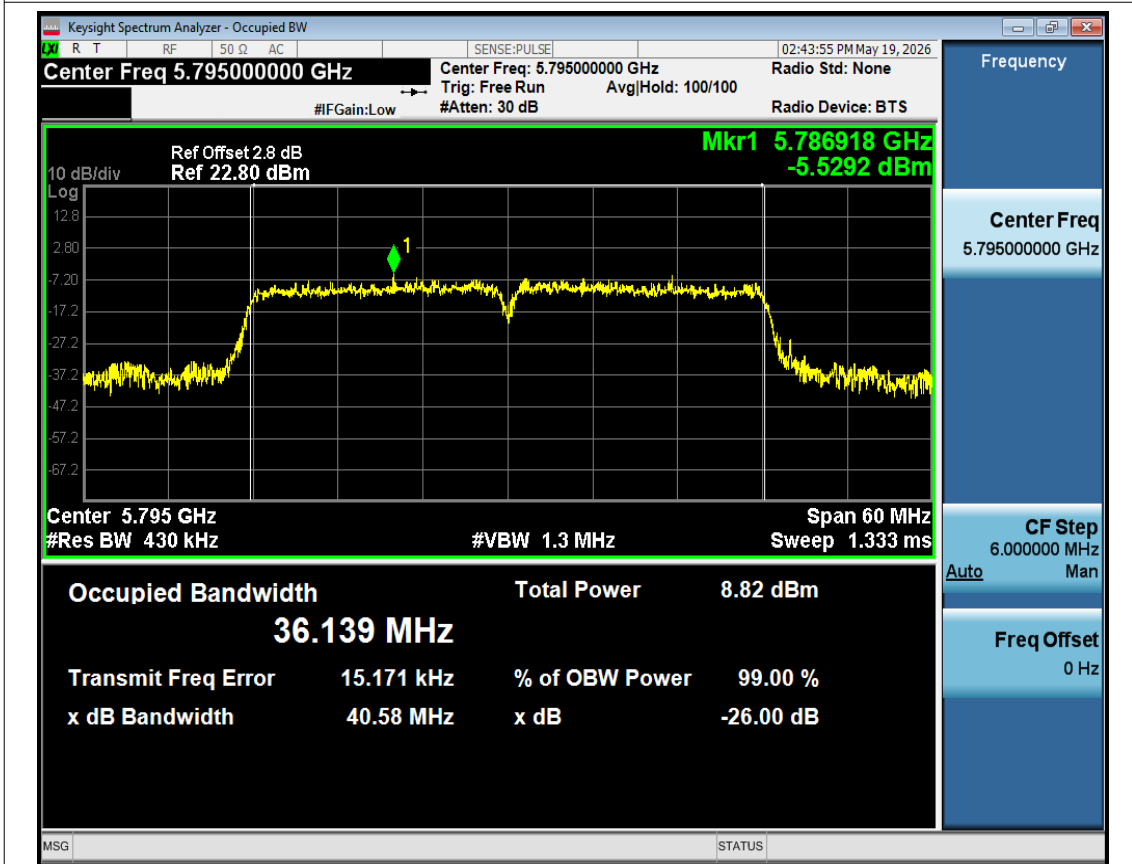
OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



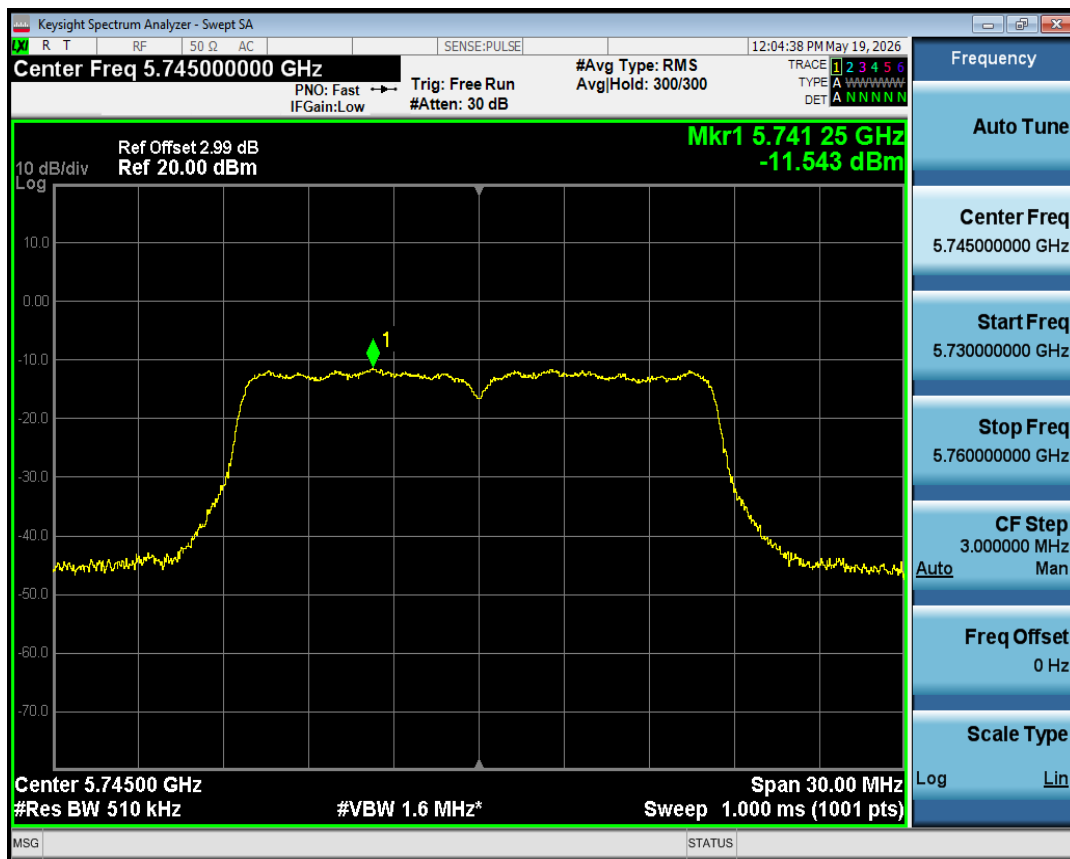
OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

Maximum Power Spectral Density Level

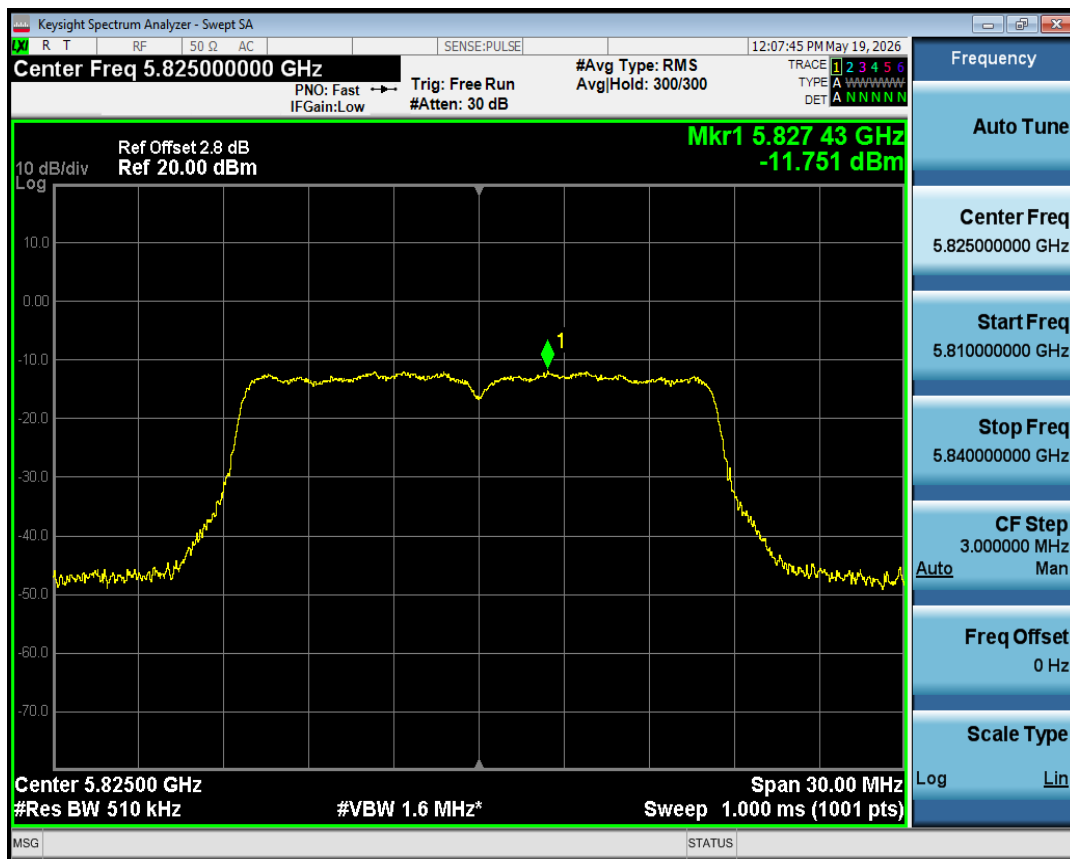
Condi tion	Mo de	Freque ncy (MHz)	Ante nna	Conduct ed PSD (dBm/51 0kHz)	Dut y Fac tor (dB)	Total Conduct ed PSD (dBm/51 0kHz)	RB W Fac tor (dB)	Total Conduct ed PSD (dBm/50 0kHz)	Limit Conducted(dBm /500kHz)	Verd ict
NVNT	a	5745	Ant1	-11.54	2.43	-9.11	-0.0 9	-9.2	30	Pass
NVNT	a	5785	Ant1	-12.09	2.6	-9.49	-0.0 9	-9.58	30	Pass
NVNT	a	5825	Ant1	-11.75	2.6	-9.15	-0.0 9	-9.24	30	Pass
NVNT	n20	5745	Ant1	-11.33	2.43	-8.9	-0.0 9	-8.99	30	Pass
NVNT	n20	5785	Ant1	-11.94	2.6	-9.34	-0.0 9	-9.43	30	Pass
NVNT	n20	5825	Ant1	-11.5	2.6	-8.9	-0.0 9	-8.99	30	Pass
NVNT	n40	5755	Ant1	-15.64	3.59	-12.05	-0.0 9	-12.14	30	Pass
NVNT	n40	5795	Ant1	-15.4	3.59	-11.81	-0.0 9	-11.9	30	Pass
NVNT	ac2 0	5745	Ant1	-11.62	2.63	-8.99	-0.0 9	-9.08	30	Pass
NVNT	ac2 0	5785	Ant1	-11.84	2.43	-9.41	-0.0 9	-9.5	30	Pass
NVNT	ac2 0	5825	Ant1	-11.69	2.43	-9.26	-0.0 9	-9.35	30	Pass
NVNT	ac4 0	5755	Ant1	-15.69	3.27	-12.42	-0.0 9	-12.51	30	Pass
NVNT	ac4 0	5795	Ant1	-15.61	3.27	-12.34	-0.0 9	-12.43	30	Pass
NVNT	ax2 0	5745	Ant1	-11.36	2.43	-8.93	-0.0 9	-9.02	30	Pass
NVNT	ax2 0	5785	Ant1	-11.66	2.43	-9.23	-0.0 9	-9.32	30	Pass
NVNT	ax2 0	5825	Ant1	-11.41	2.22	-9.19	-0.0 9	-9.28	30	Pass
NVNT	ax4 0	5755	Ant1	-16.34	4.1	-12.24	-0.0 9	-12.33	30	Pass
NVNT	ax4 0	5795	Ant1	-15.58	3.59	-11.99	-0.0 9	-12.08	30	Pass



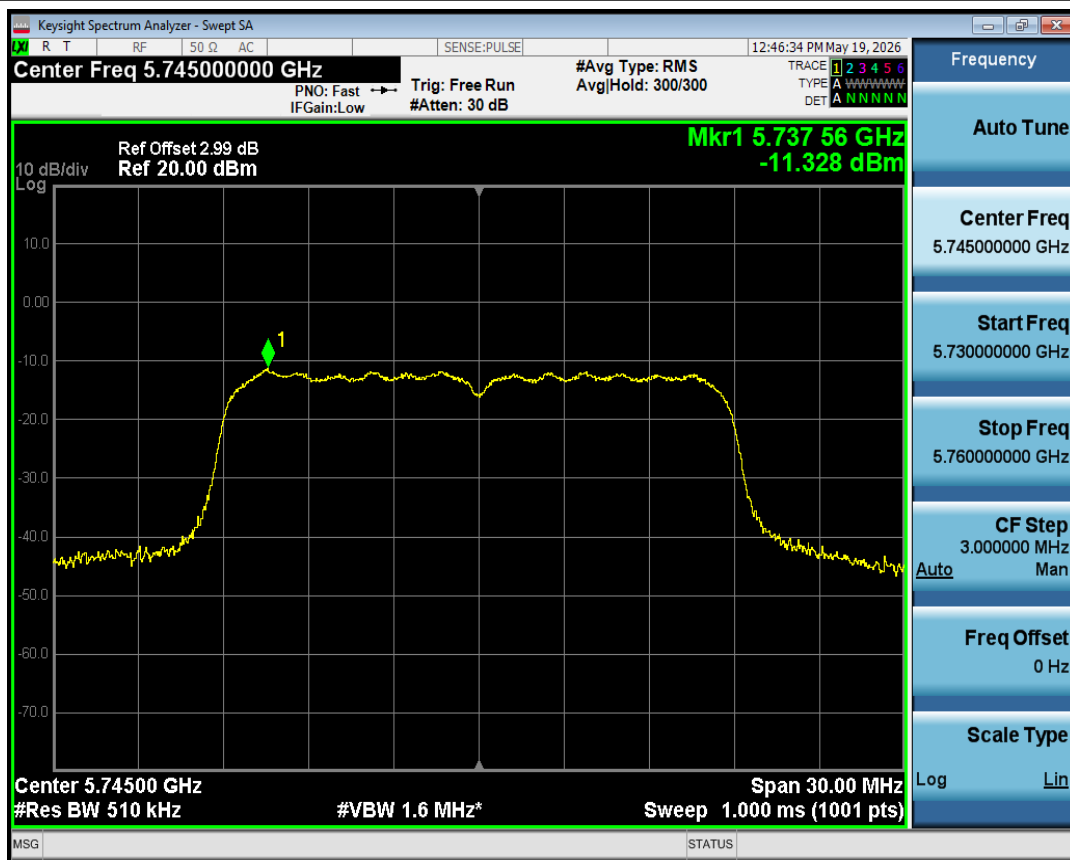
PSD NVNT a 5745MHz Ant1



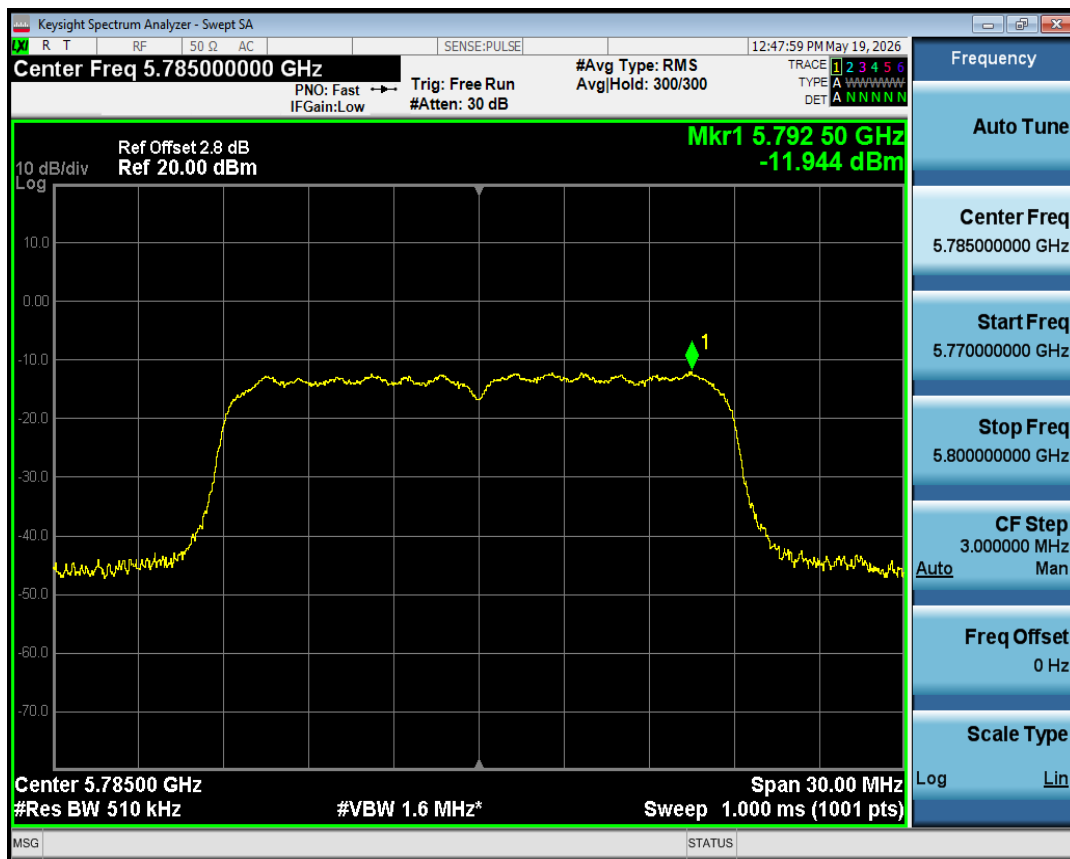
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



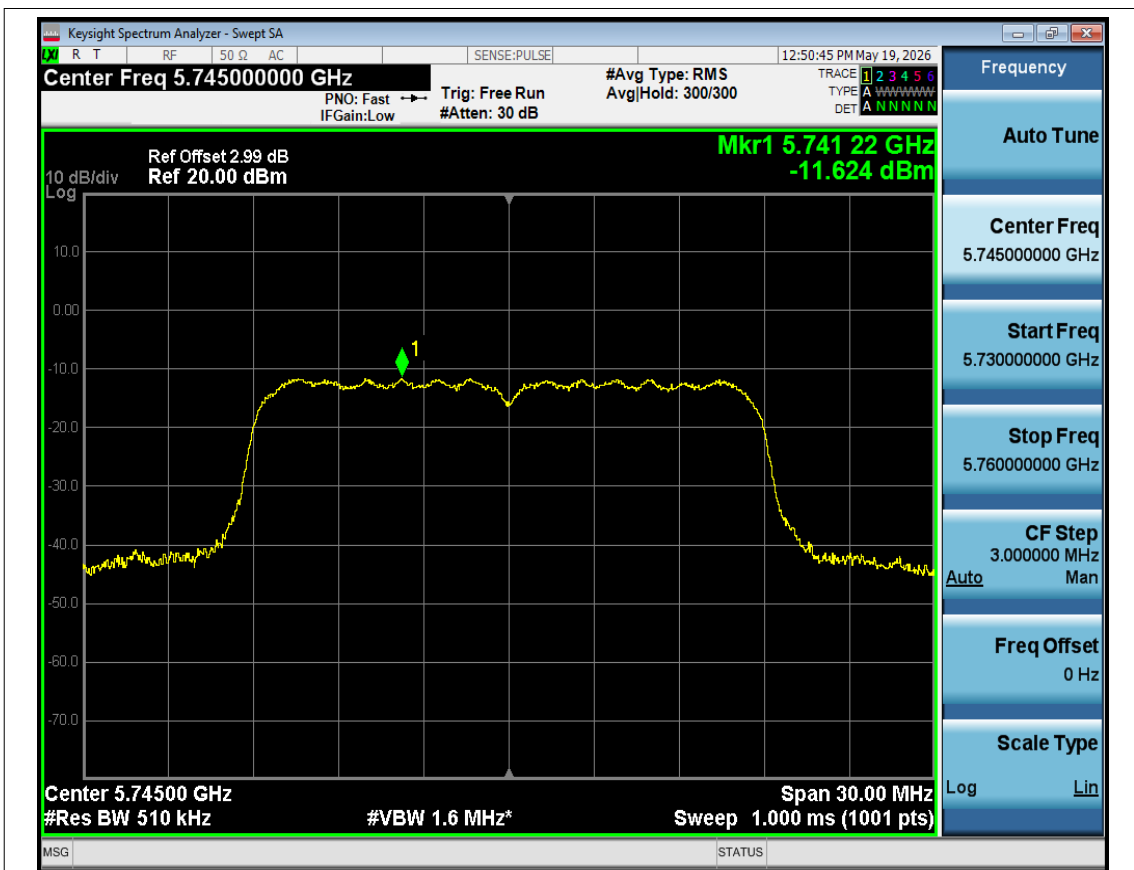
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



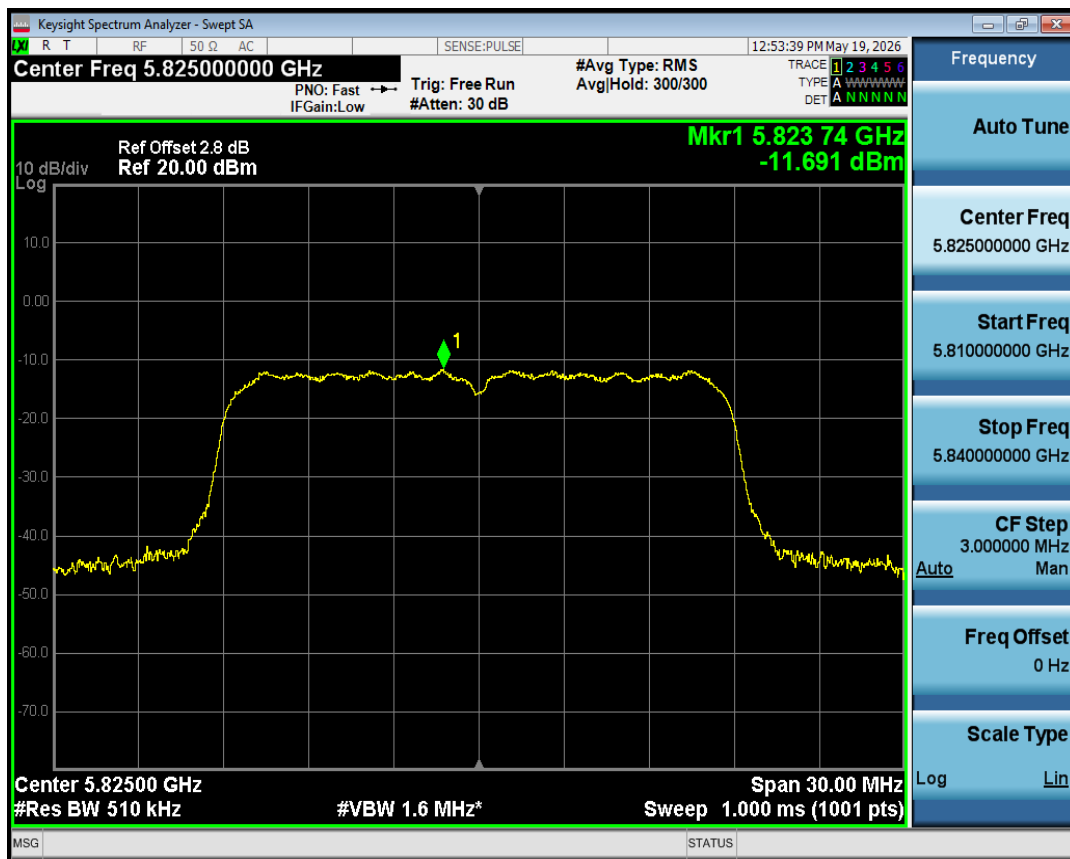
PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



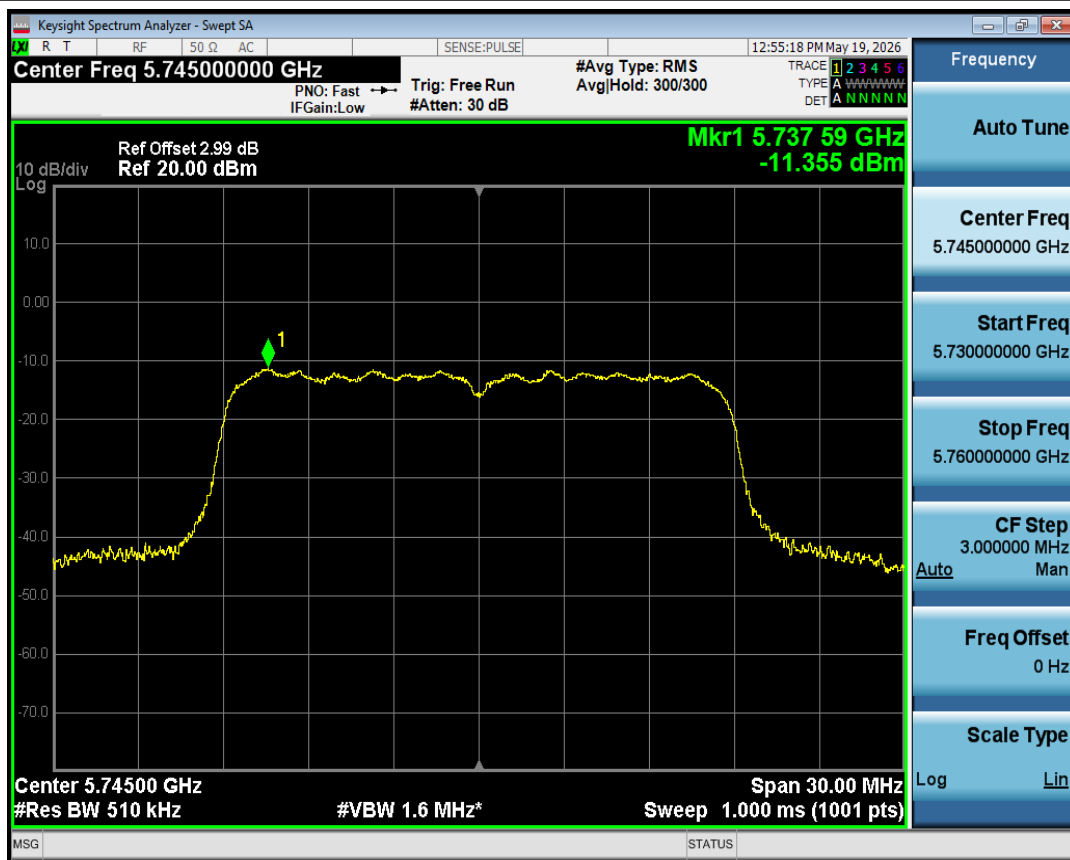
PSD NVNT ac20 5825MHz Ant1



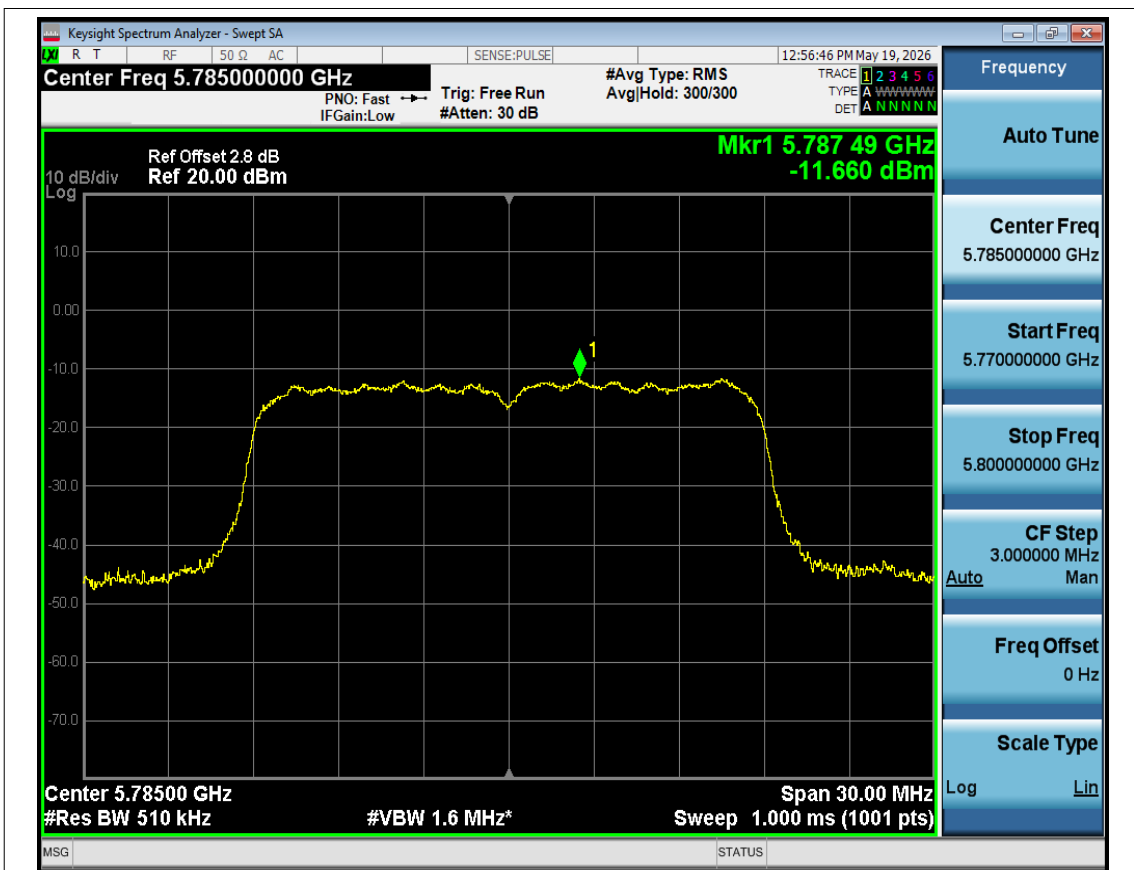
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



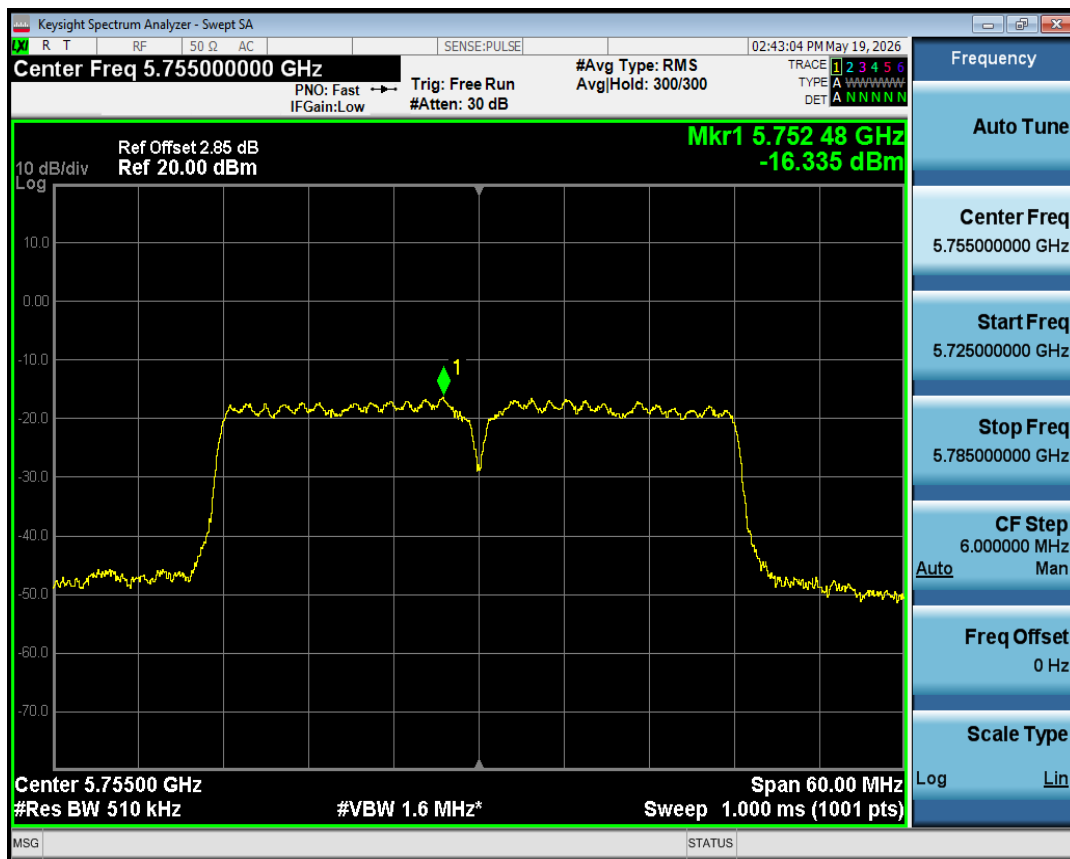
PSD NVNT ax20 5745MHz Ant1



PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1

Band Edge

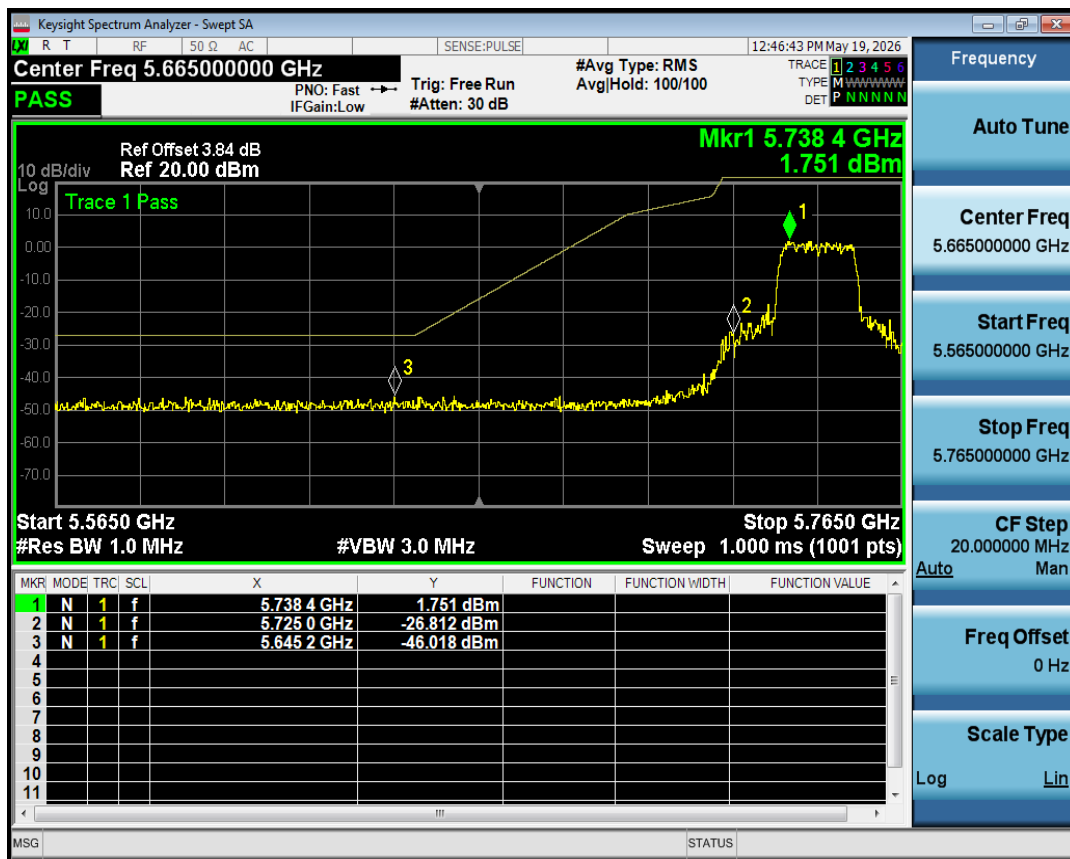
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-44.79	-27	Pass
NVNT	a	5825	Ant1	-46.05	-27	Pass
NVNT	n20	5745	Ant1	-46.01	-27	Pass
NVNT	n20	5825	Ant1	-46.11	-27	Pass
NVNT	n40	5755	Ant1	-45.72	-27	Pass
NVNT	n40	5795	Ant1	-46.78	-27	Pass
NVNT	ac20	5745	Ant1	-45.73	-27	Pass
NVNT	ac20	5825	Ant1	-46.25	-27	Pass
NVNT	ac40	5755	Ant1	-46.14	-27	Pass
NVNT	ac40	5795	Ant1	-46.46	-27	Pass
NVNT	ax20	5745	Ant1	-45.76	-27	Pass
NVNT	ax20	5825	Ant1	-45.87	-27	Pass
NVNT	ax40	5755	Ant1	-46.06	-27	Pass
NVNT	ax40	5795	Ant1	-45.85	-27	Pass



Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



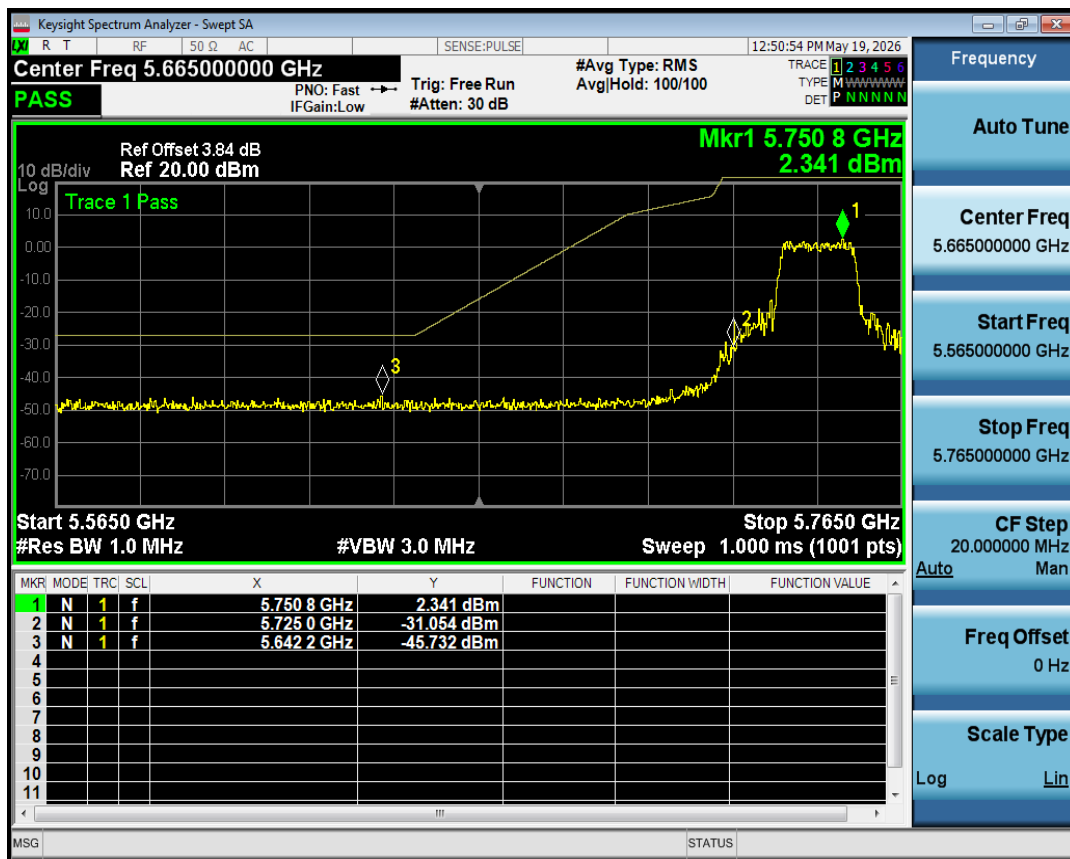
Band Edge NVNT n20 5825MHz High Ant1



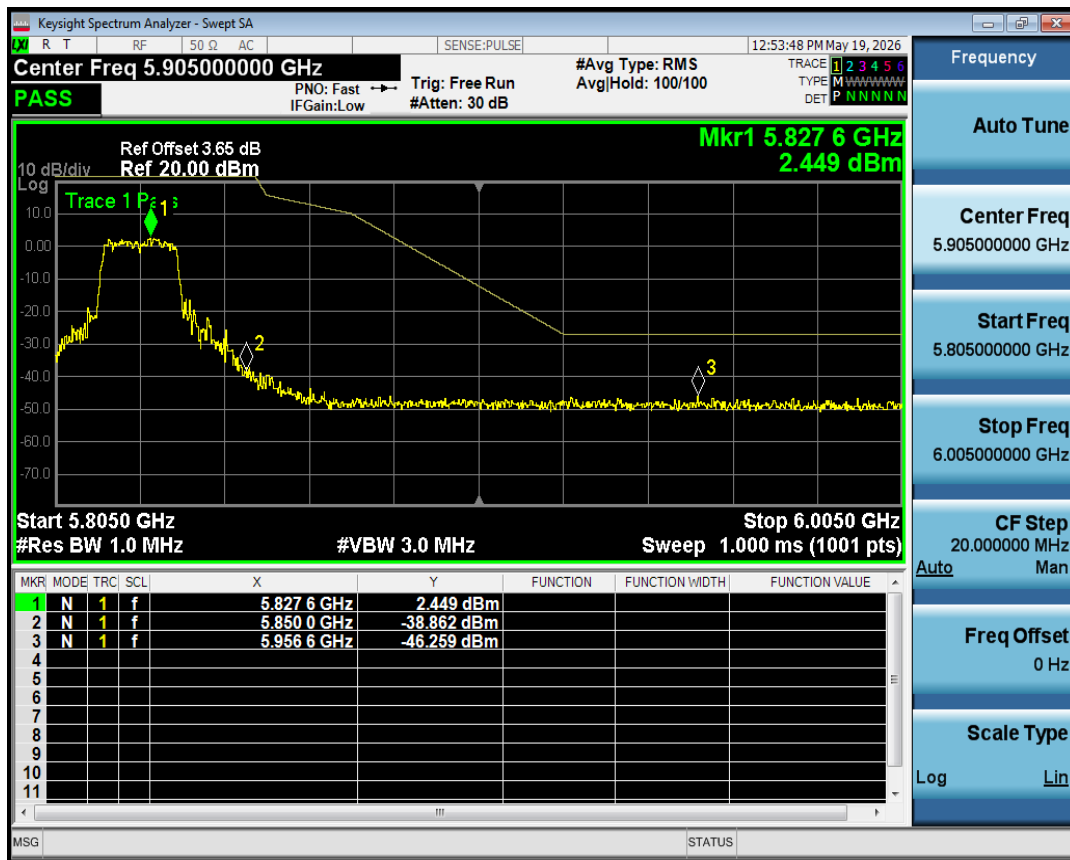
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



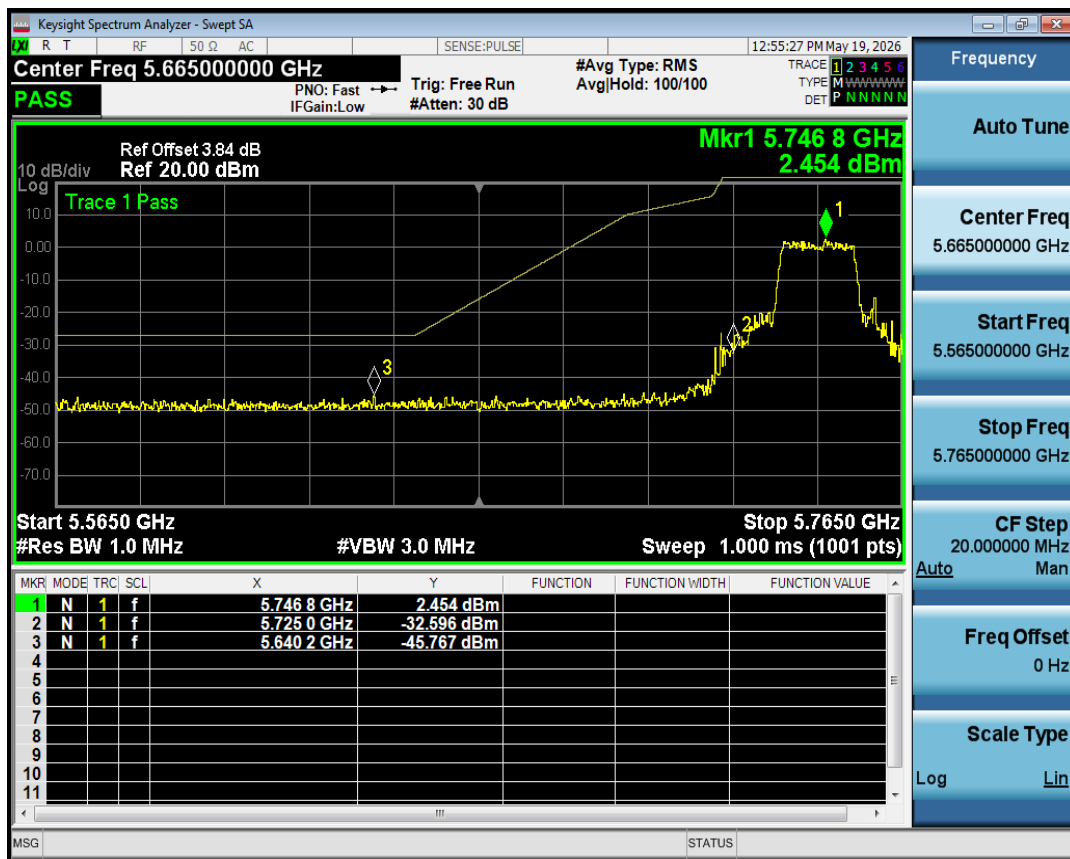
Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1



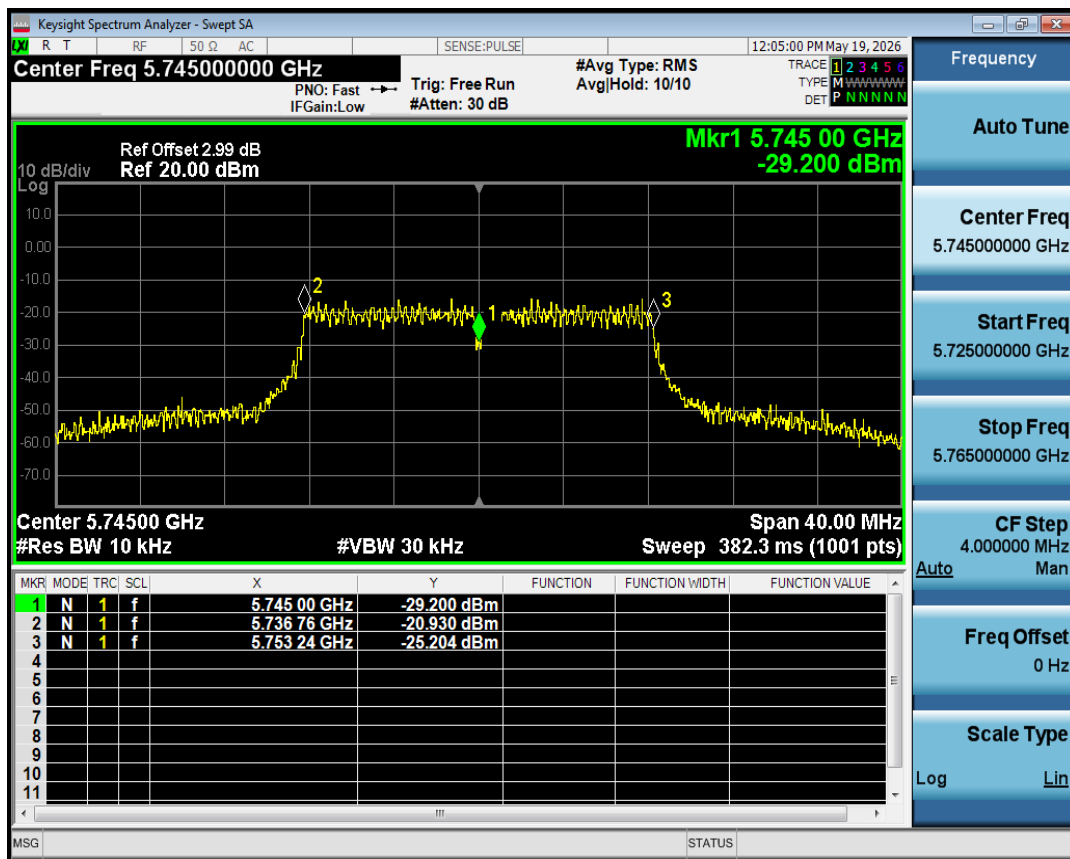
Band Edge NVNT ax40 5755MHz Low Ant1



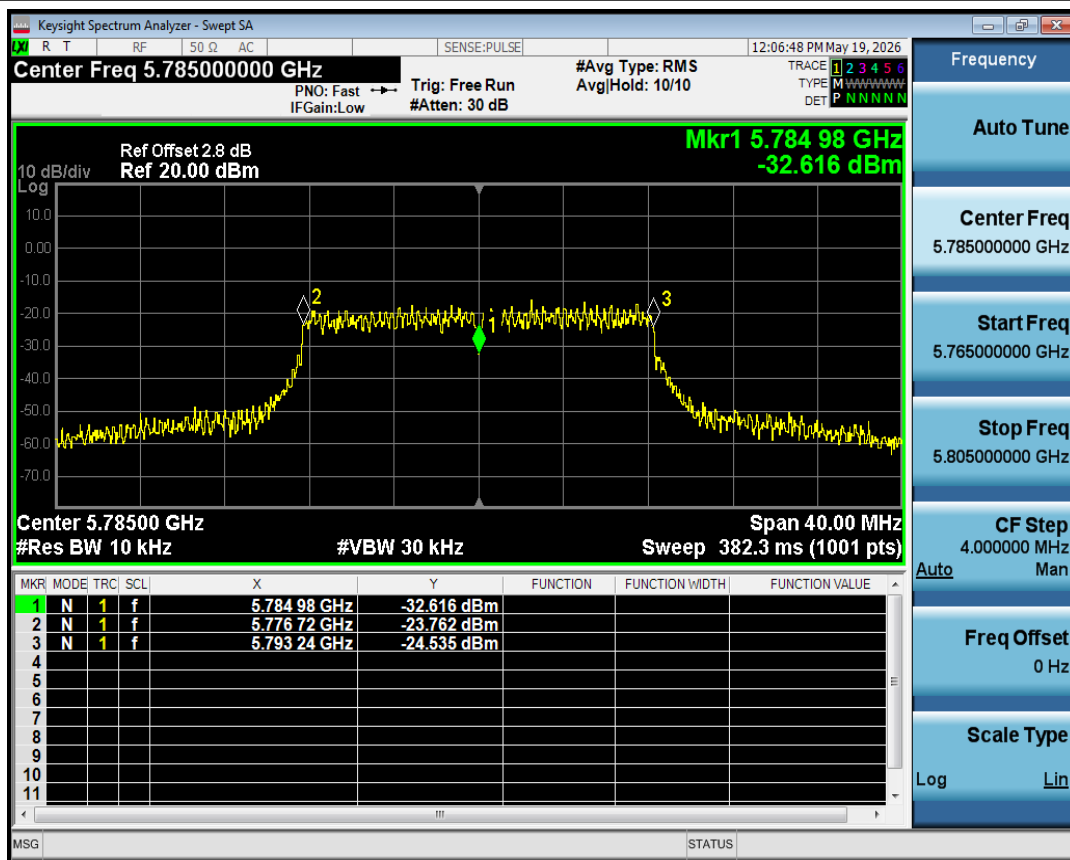
Band Edge NVNT ax40 5795MHz High Ant1

Frequency Stability

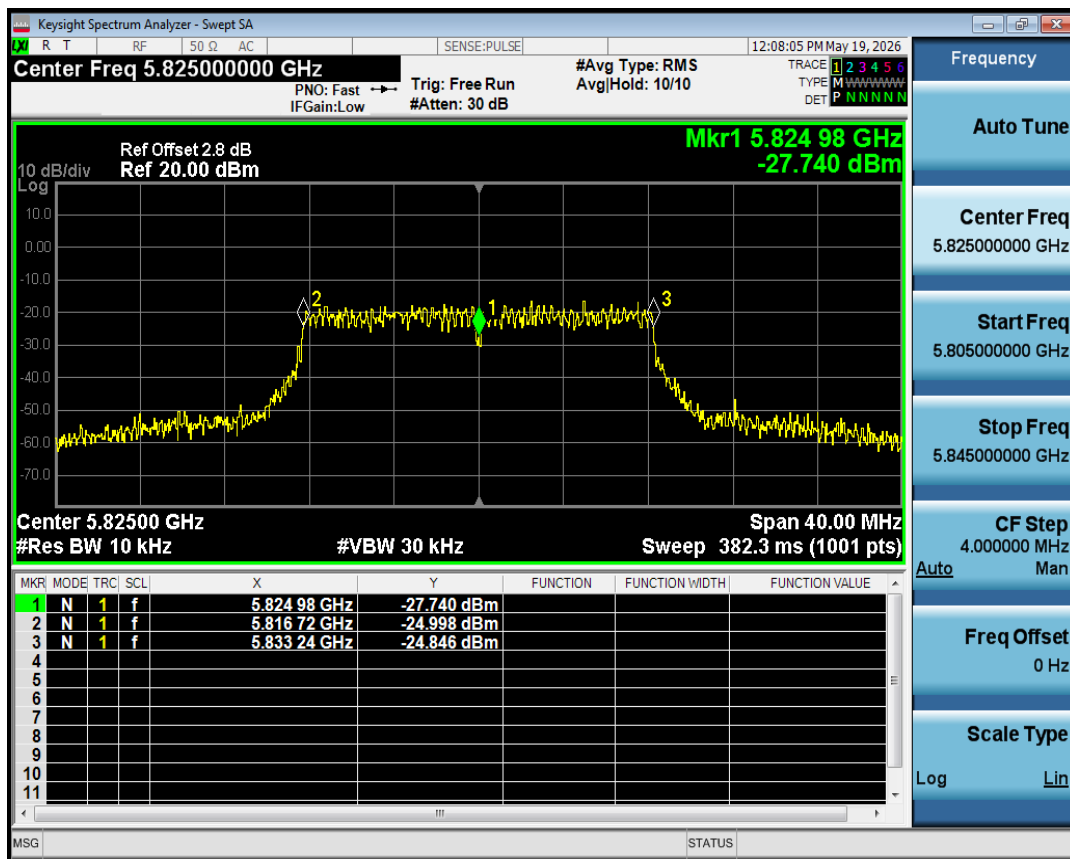
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant1	5745	0	0	25	Pass
NVNT	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	n20	5825	Ant1	5825	0	0	25	Pass
NVNT	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	ac20	5785	Ant1	5785	0	0	25	Pass
NVNT	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	ax20	5785	Ant1	5785	0	0	25	Pass
NVNT	ax20	5825	Ant1	5825	0	0	25	Pass
NVNT	ax40	5755	Ant1	5755	0	0	25	Pass
NVNT	ax40	5795	Ant1	5795	0	0	25	Pass



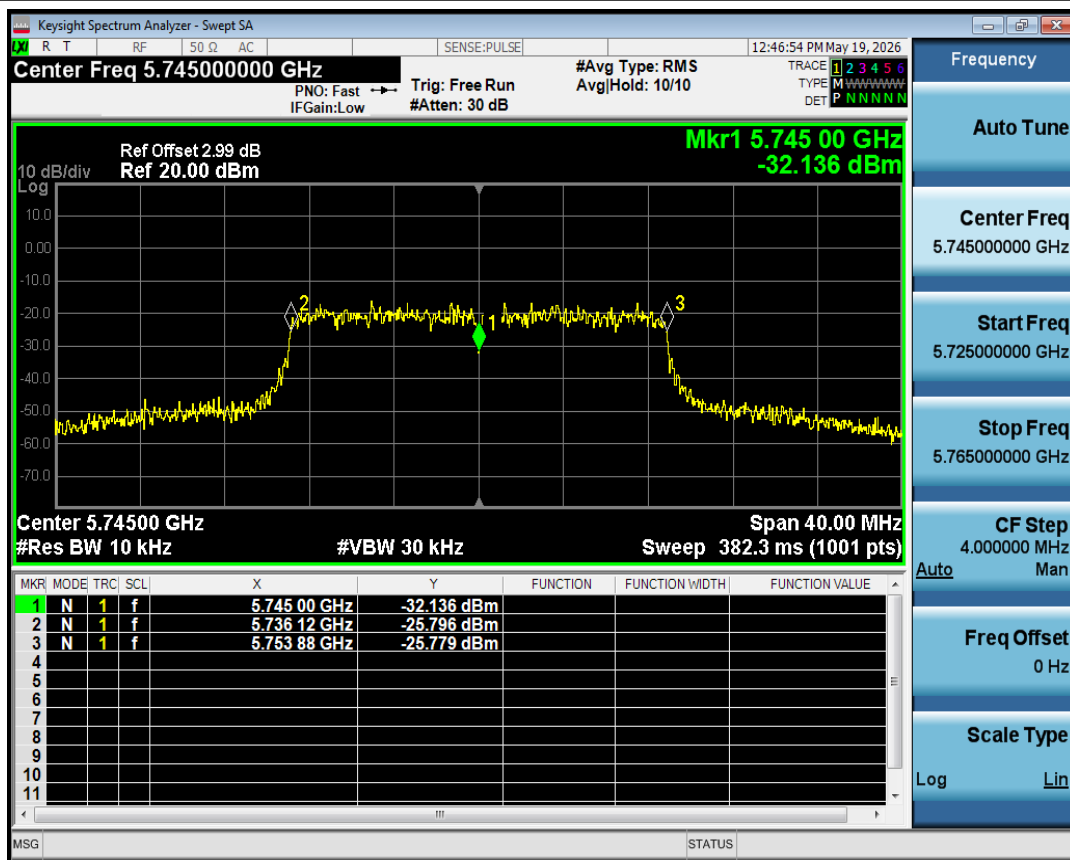
Freq. Stability NVNT a 5745MHz Ant1



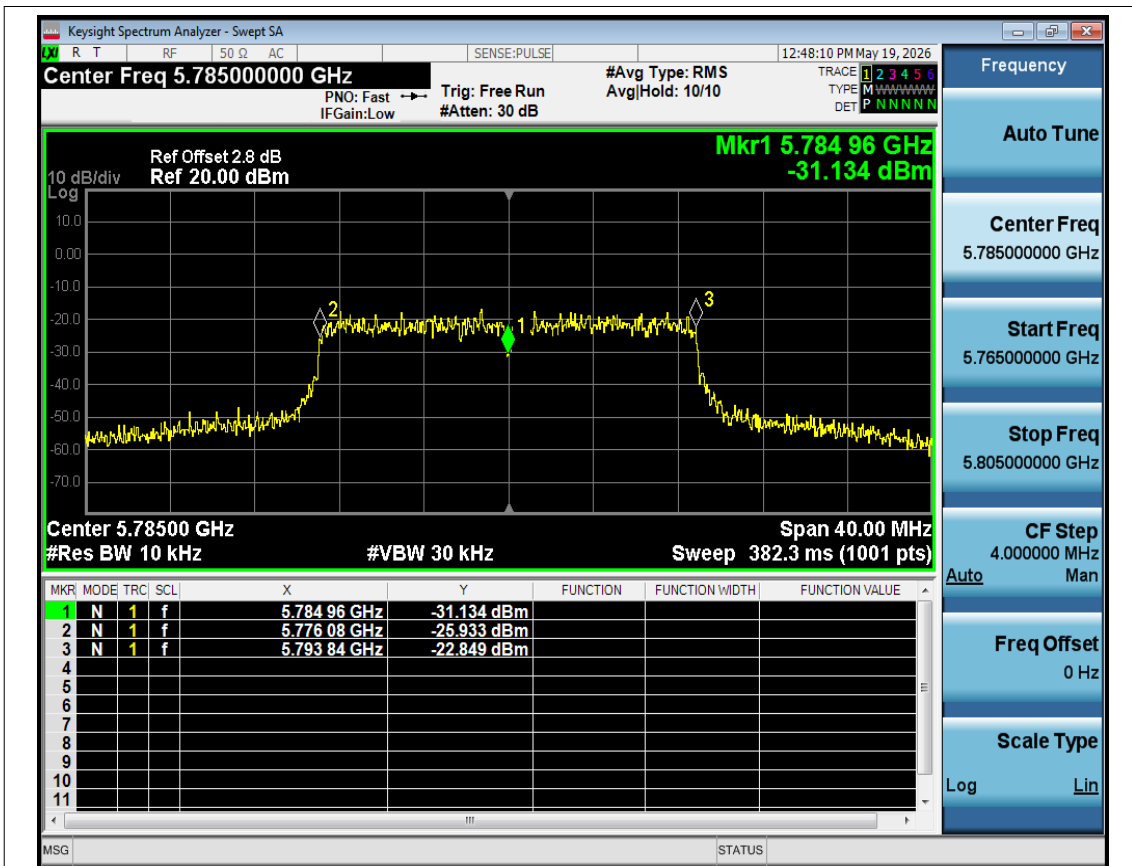
Freq. Stability NVNT a 5785MHz Ant1



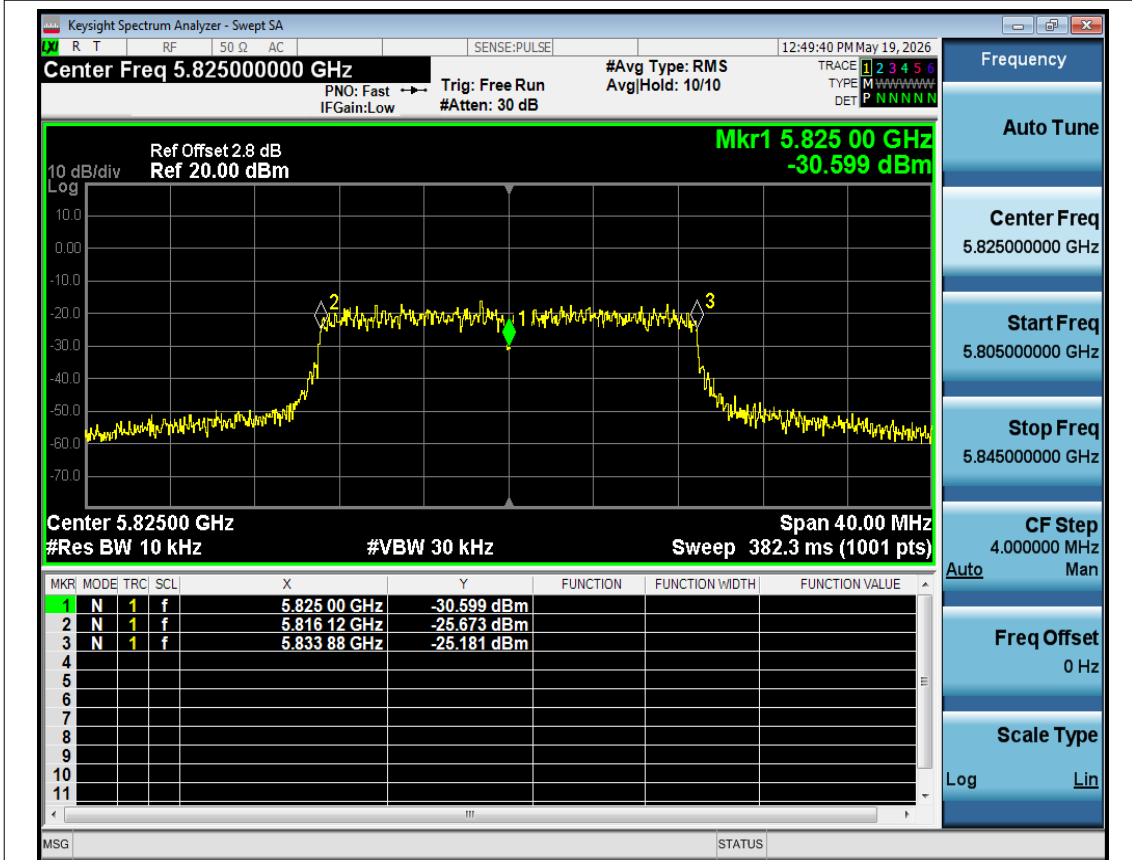
Freq. Stability NVNT a 5825MHz Ant1



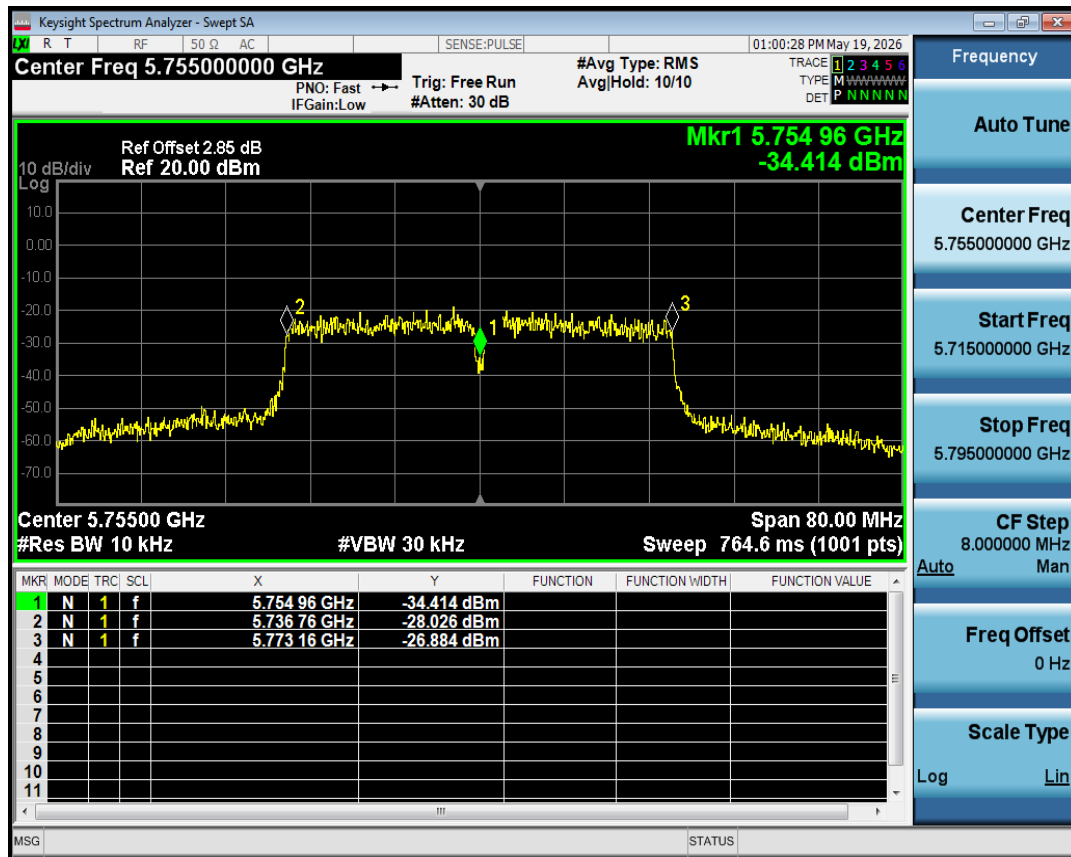
Freq. Stability NVNT n20 5745MHz Ant1



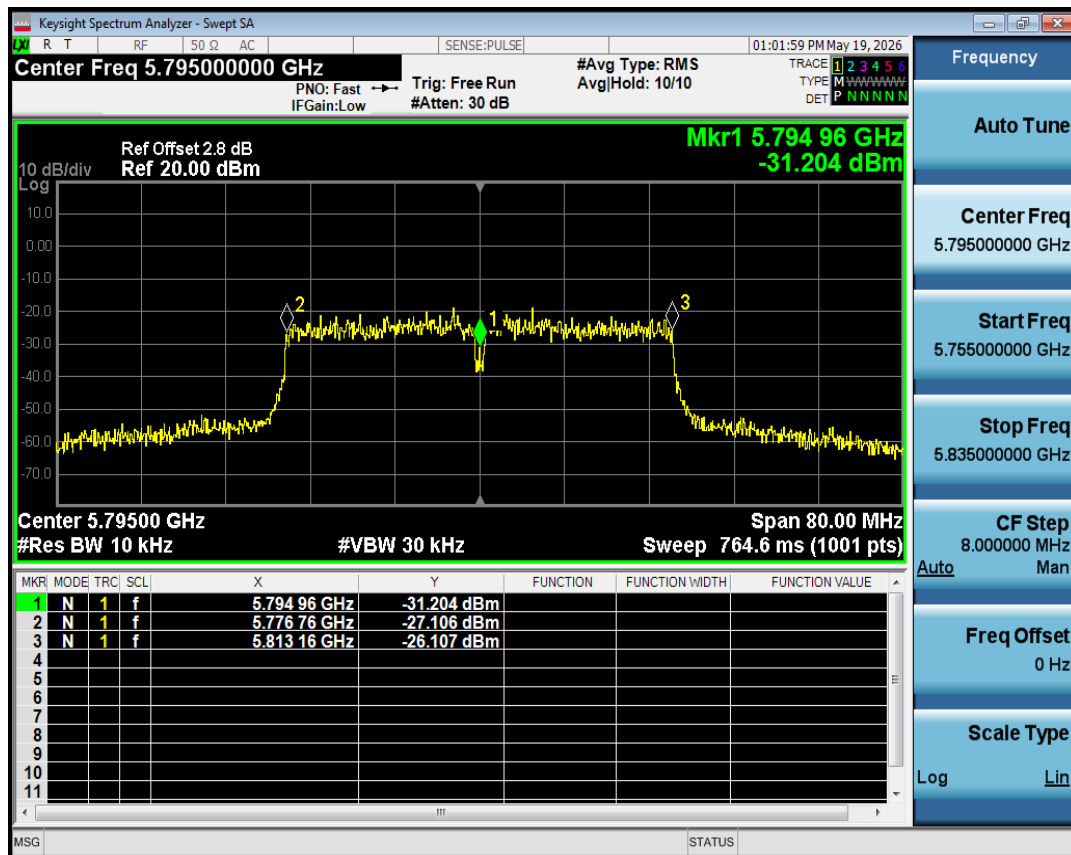
Freq. Stability NVNT n20 5785MHz Ant1



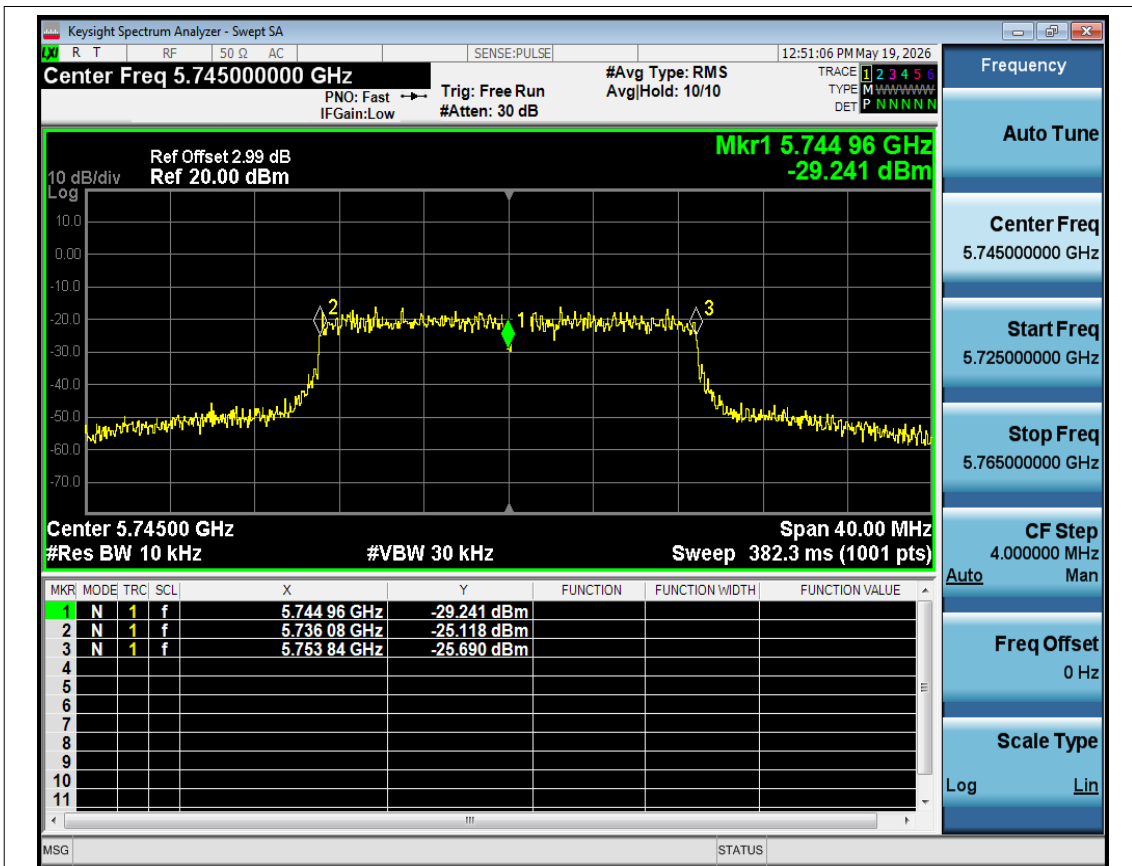
Freq. Stability NVNT n20 5825MHz Ant1



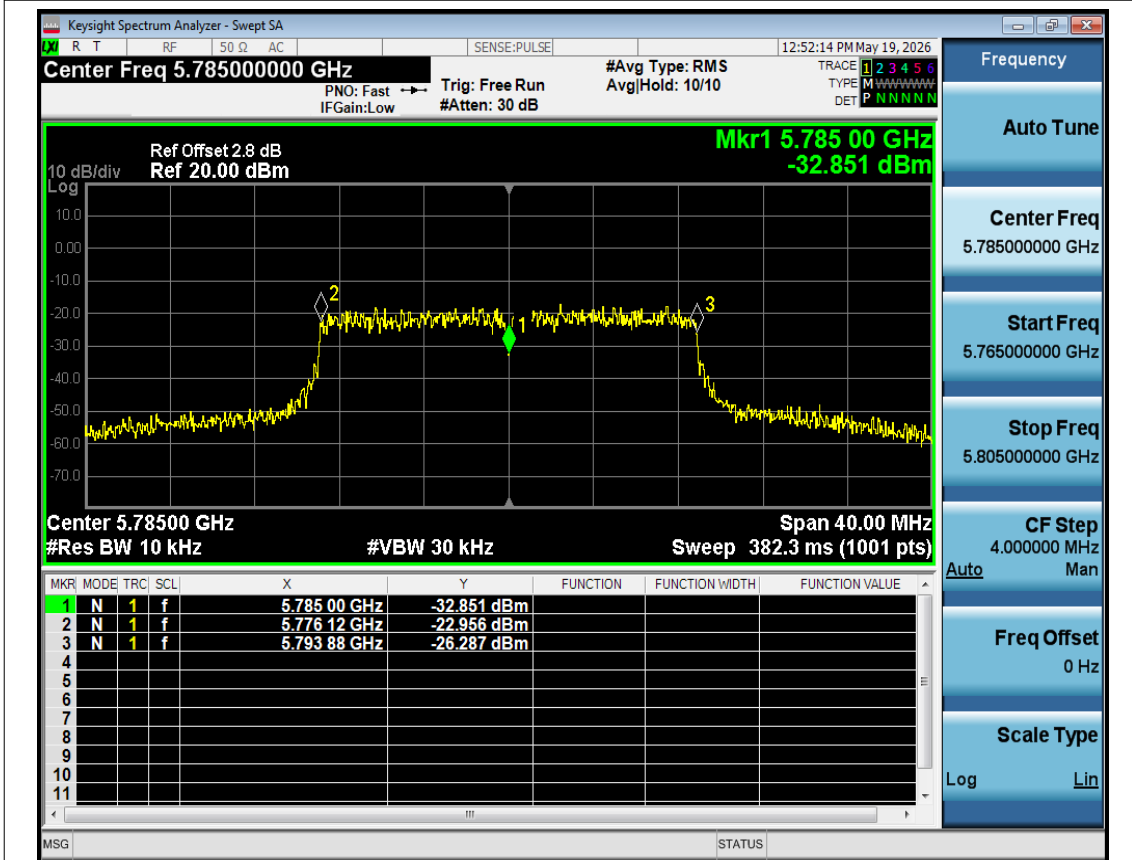
Freq. Stability NVNT n40 5755MHz Ant1



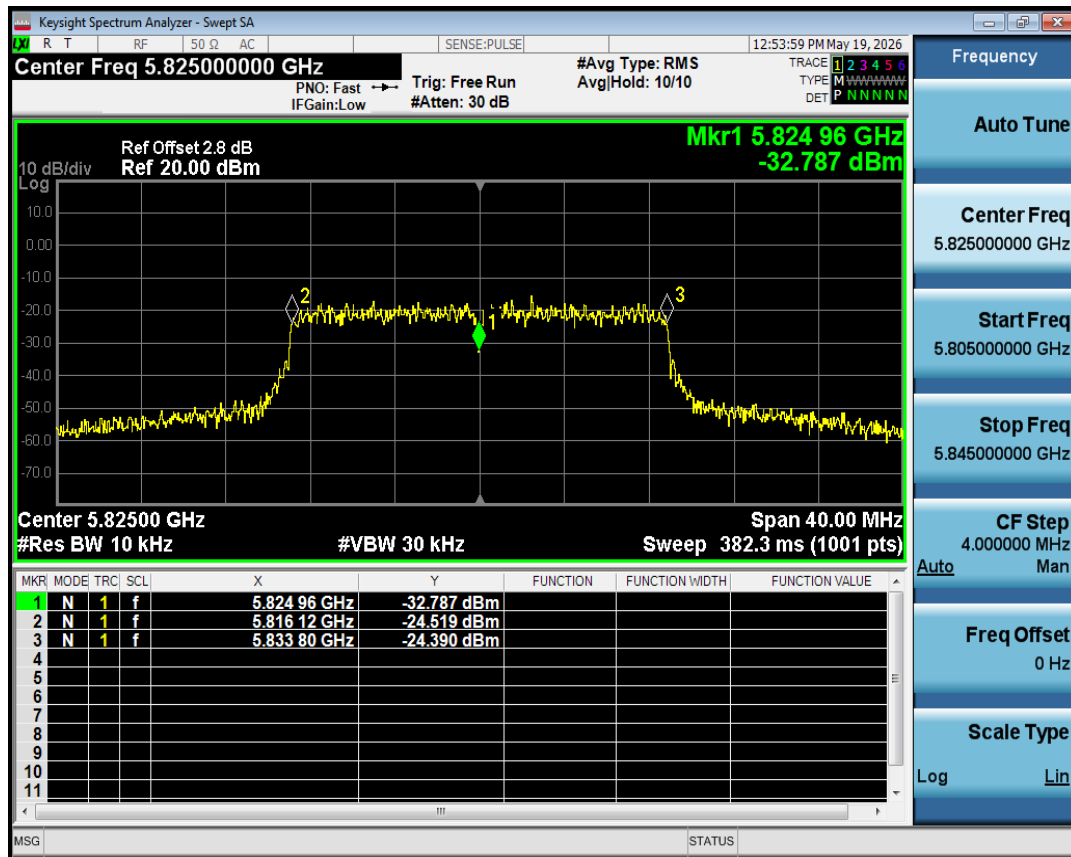
Freq. Stability NVNT n40 5795MHz Ant1



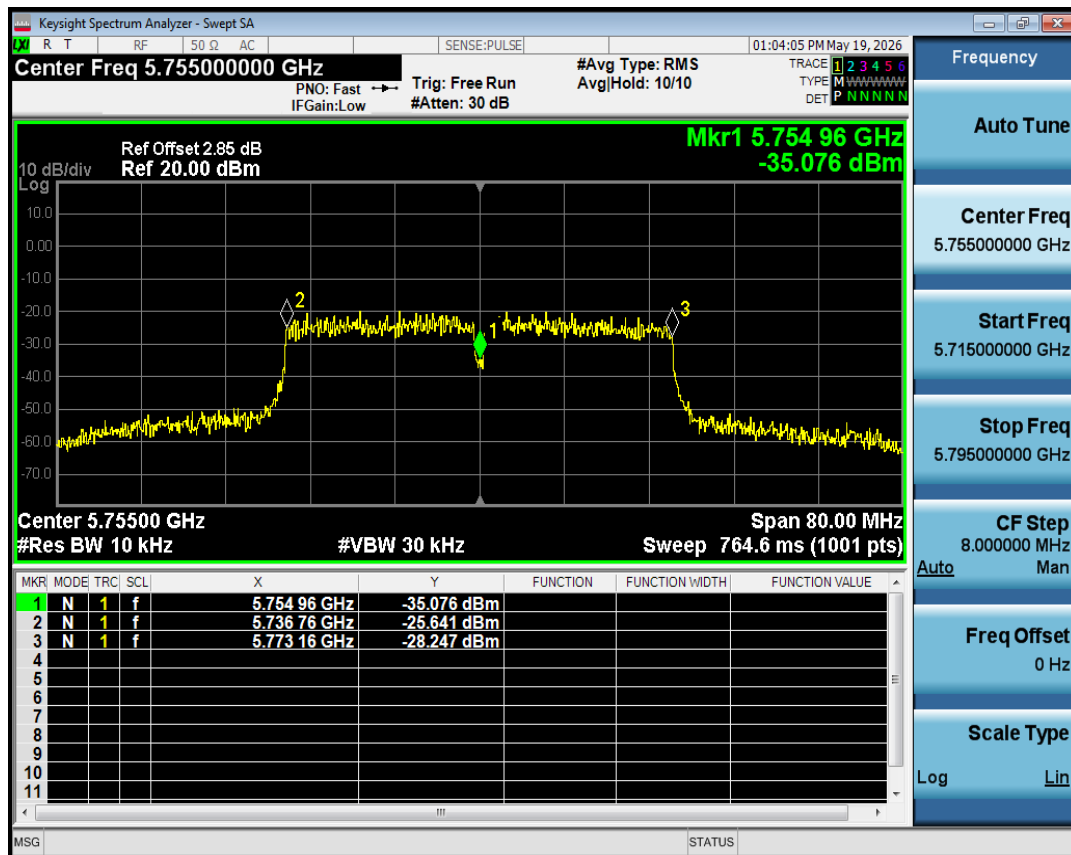
Freq. Stability NVNT ac20 5745MHz Ant1



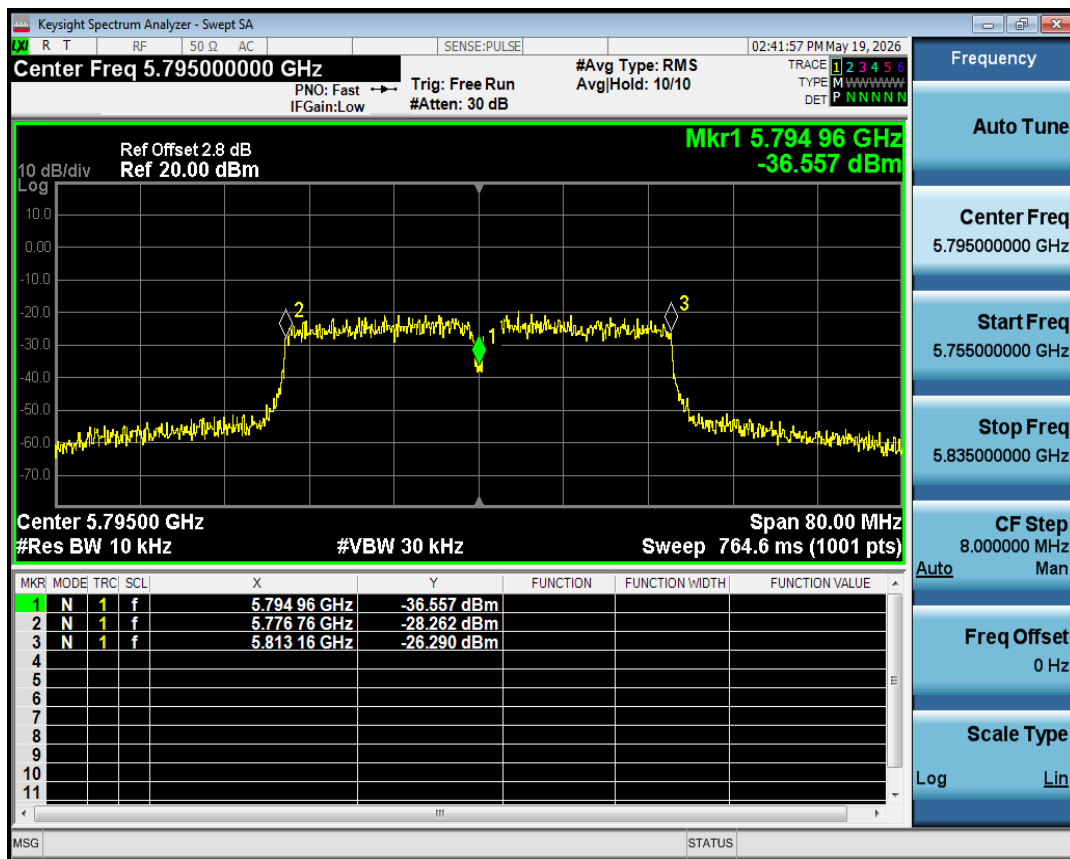
Freq. Stability NVNT ac20 5785MHz Ant1



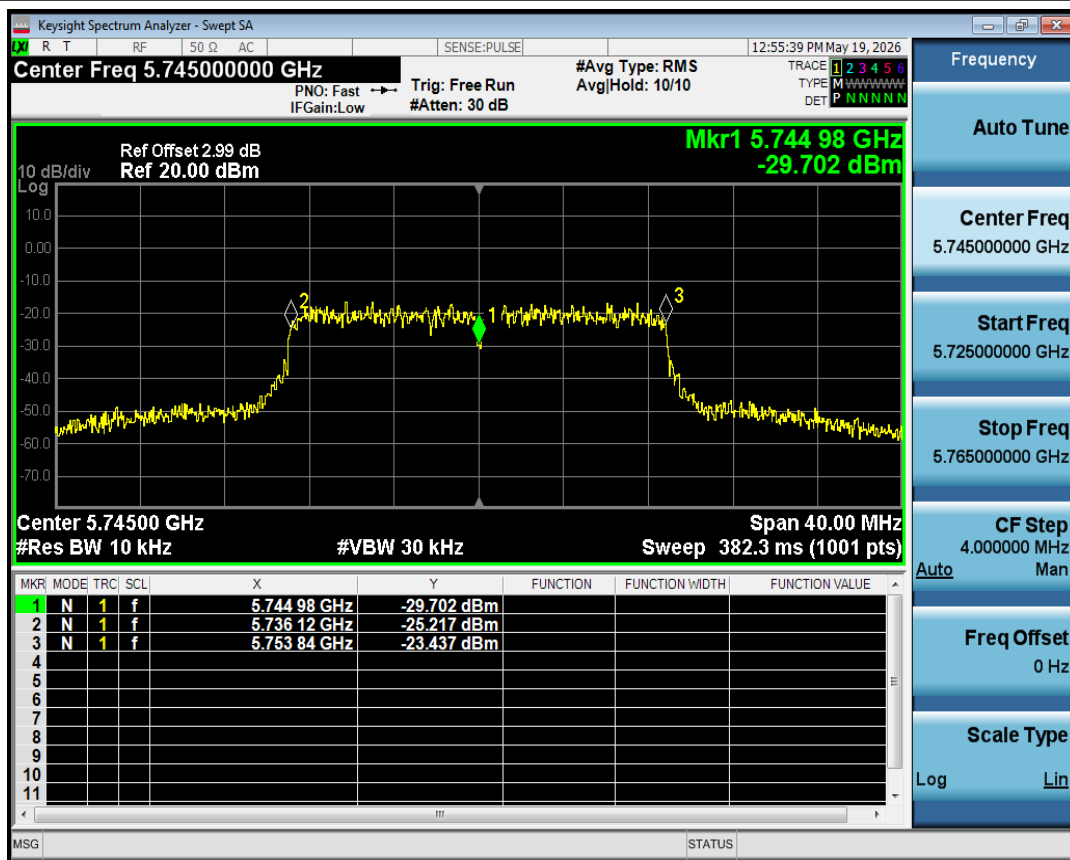
Freq. Stability NVNT ac20 5825MHz Ant1



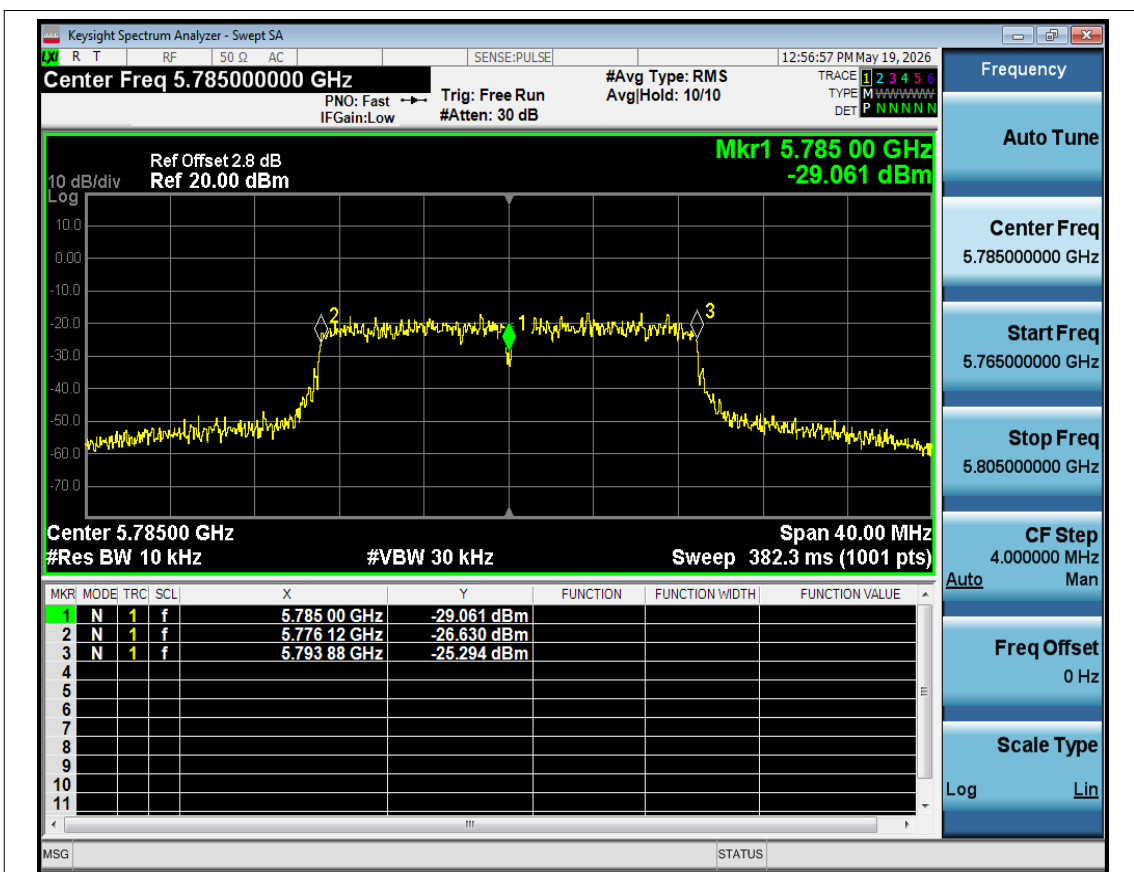
Freq. Stability NVNT ac40 5755MHz Ant1



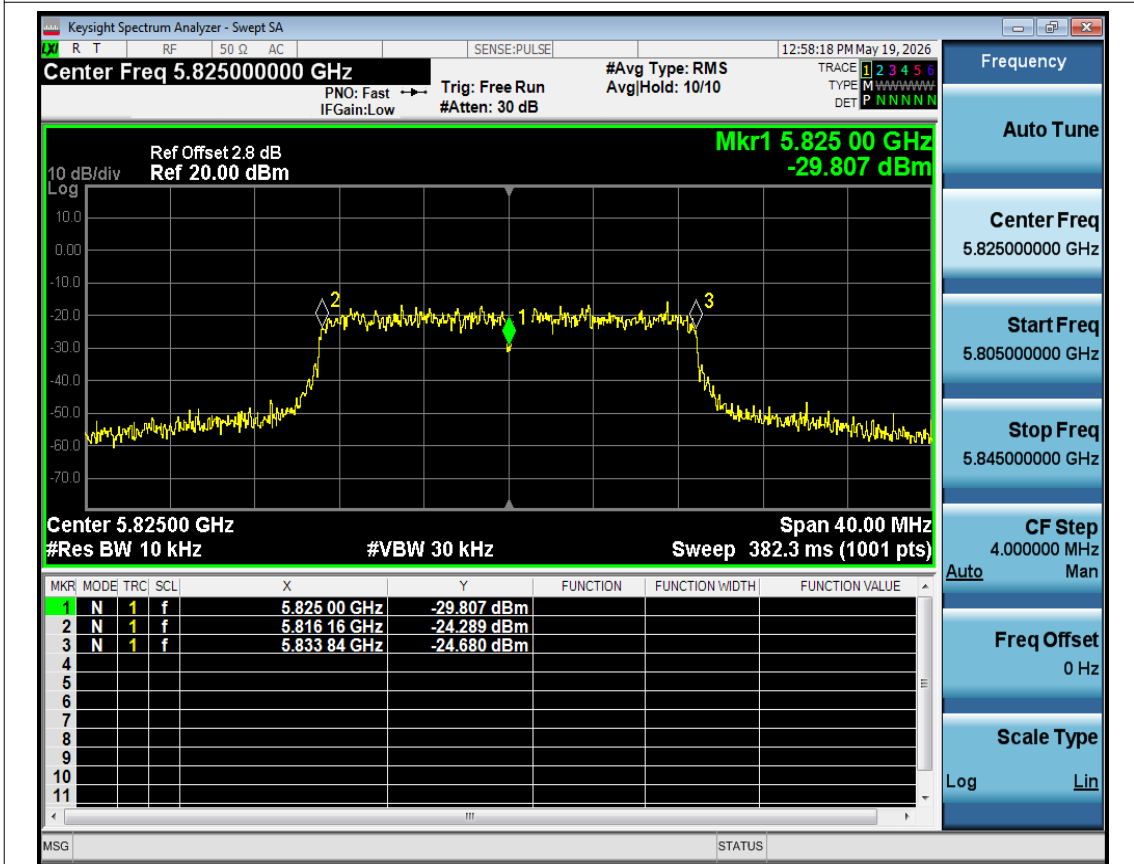
Freq. Stability NVNT ac40 5795MHz Ant1



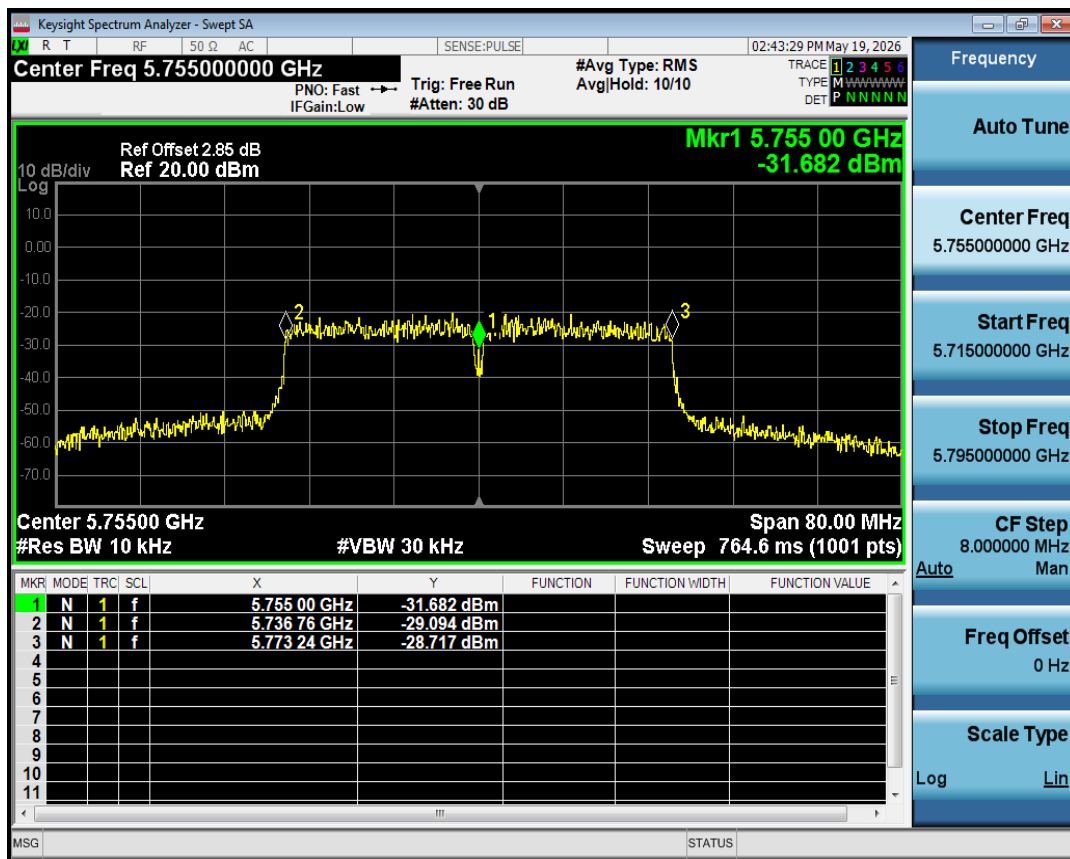
Freq. Stability NVNT ax20 5745MHz Ant1



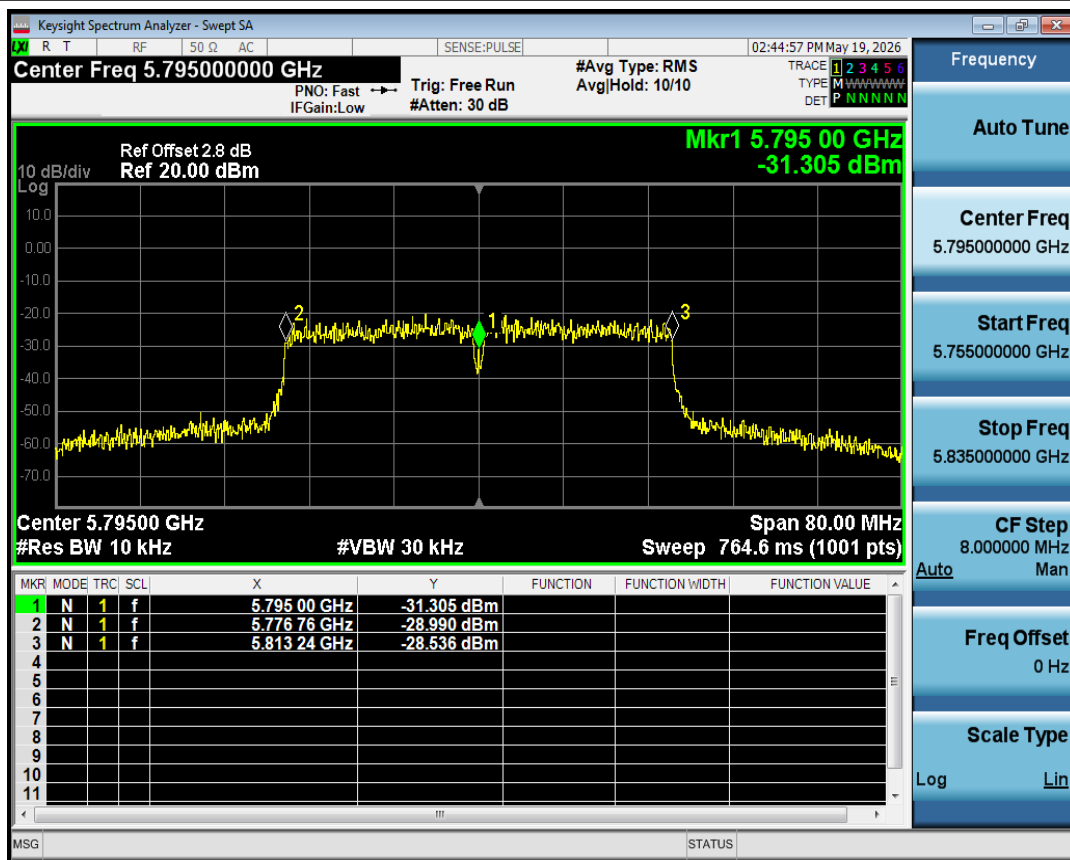
Freq. Stability NVNT ax20 5785MHz Ant1



Freq. Stability NVNT ax20 5825MHz Ant1



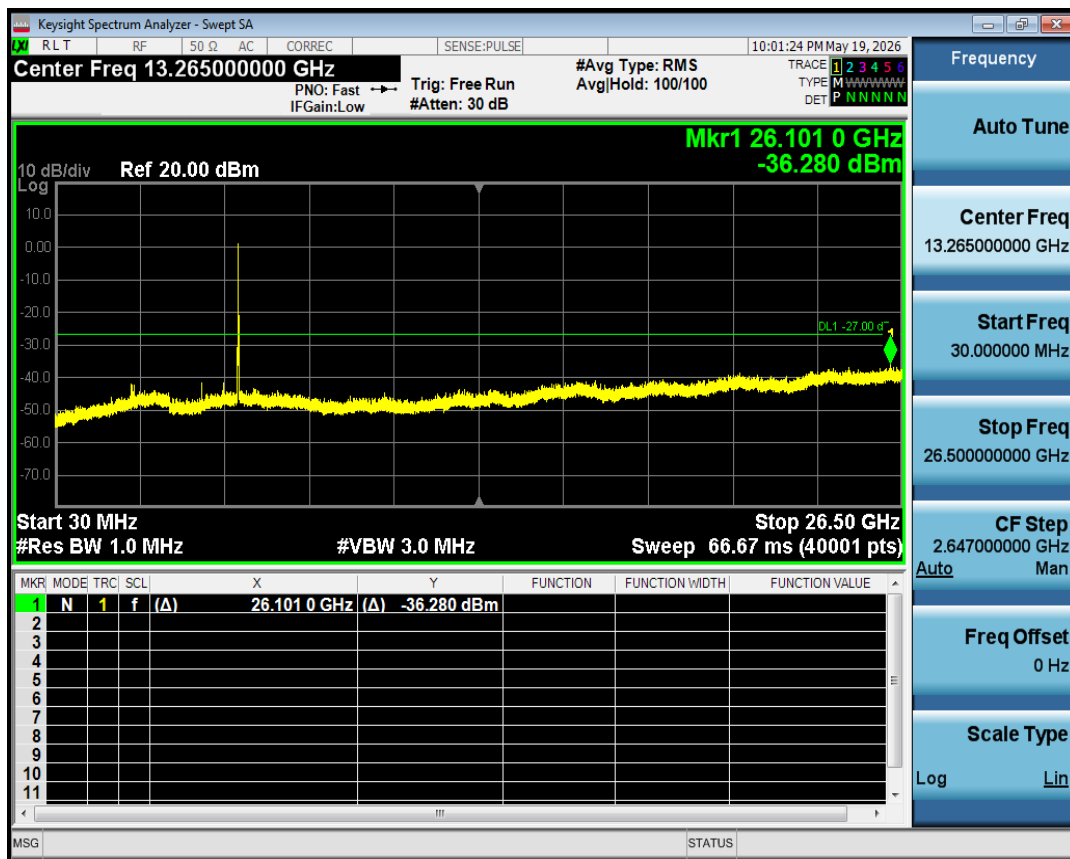
Freq. Stability NVNT ax40 5755MHz Ant1



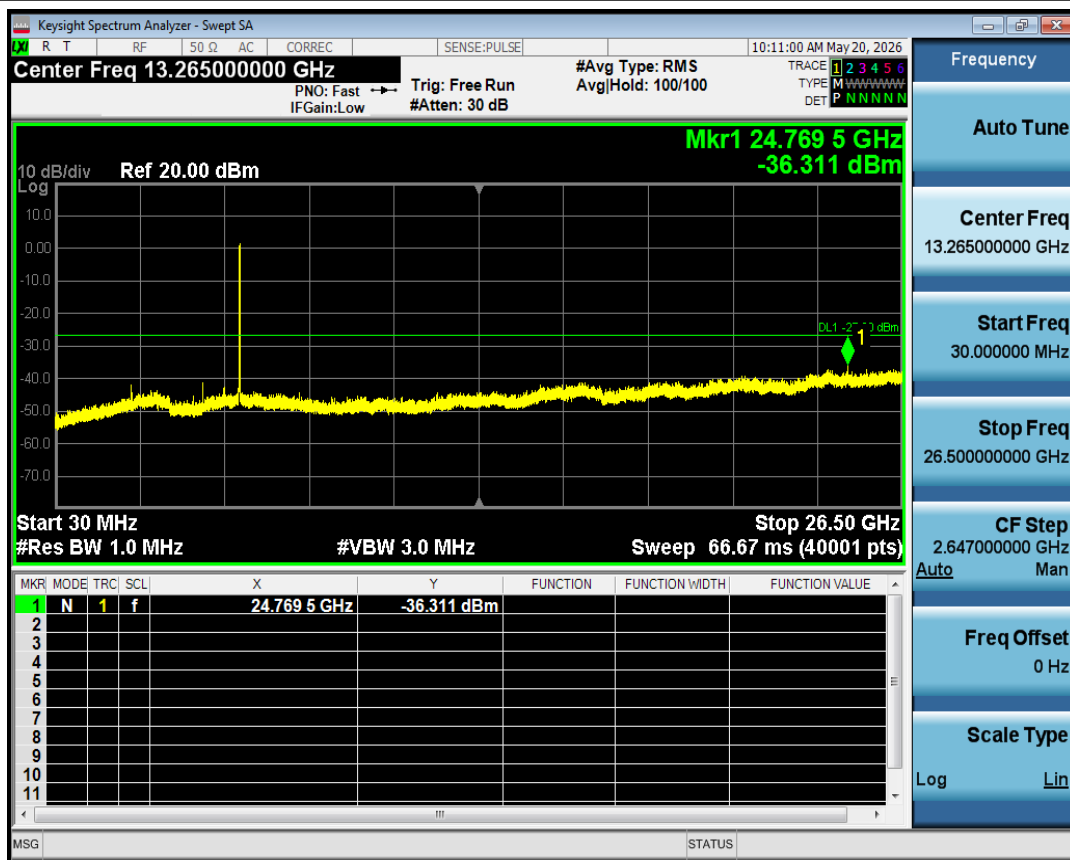
Freq. Stability NVNT ax40 5795MHz Ant1

Conducted RF Spurious Emission

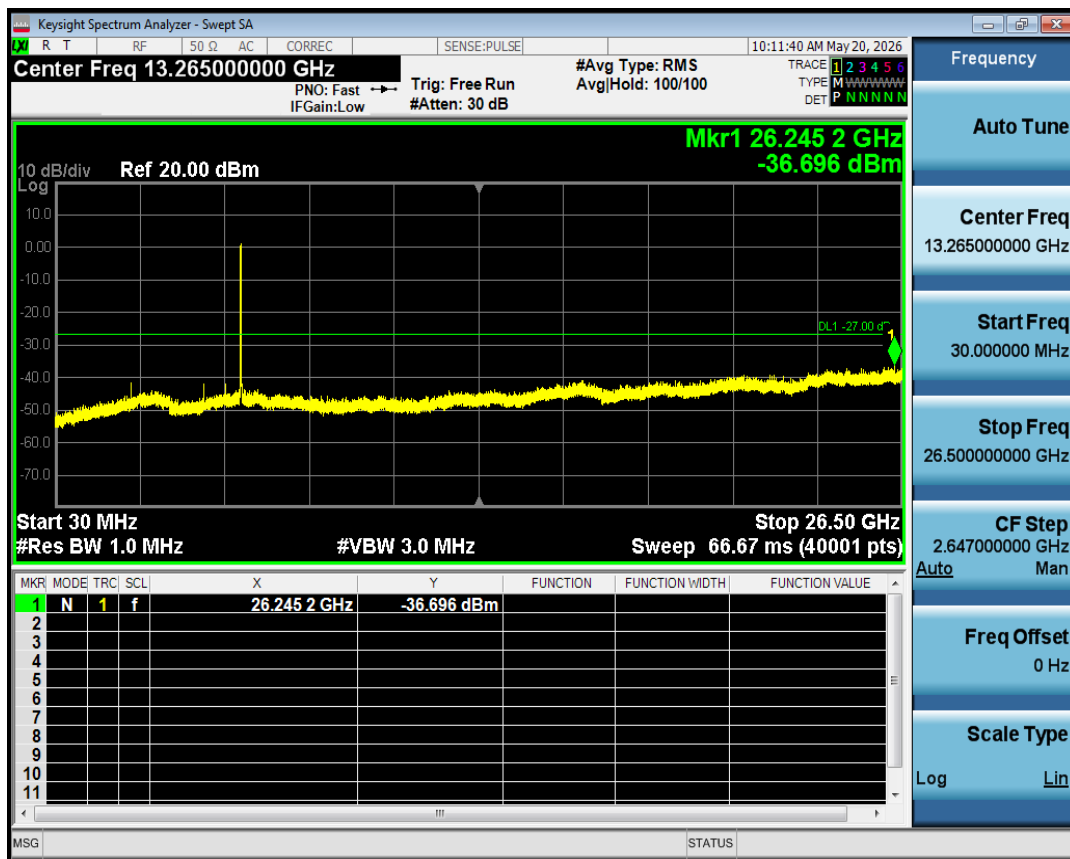
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-36.27	-27	Pass
NVNT	a	5785	Ant1	-36.31	-27	Pass
NVNT	a	5825	Ant1	-36.69	-27	Pass
NVNT	n20	5745	Ant1	-37.49	-27	Pass
NVNT	n20	5785	Ant1	-36.51	-27	Pass
NVNT	n20	5825	Ant1	-35.88	-27	Pass
NVNT	n40	5755	Ant1	-35.54	-27	Pass
NVNT	n40	5795	Ant1	-36.29	-27	Pass
NVNT	ac20	5745	Ant1	-36.69	-27	Pass
NVNT	ac20	5785	Ant1	-36.53	-27	Pass
NVNT	ac20	5825	Ant1	-35.85	-27	Pass
NVNT	ac40	5755	Ant1	-36.67	-27	Pass
NVNT	ac40	5795	Ant1	-36.52	-27	Pass
NVNT	ax20	5745	Ant1	-36.66	-27	Pass
NVNT	ax20	5785	Ant1	-36.18	-27	Pass
NVNT	ax20	5825	Ant1	-36.78	-27	Pass
NVNT	ax40	5755	Ant1	-36.25	-27	Pass
NVNT	ax40	5795	Ant1	-36.34	-27	Pass



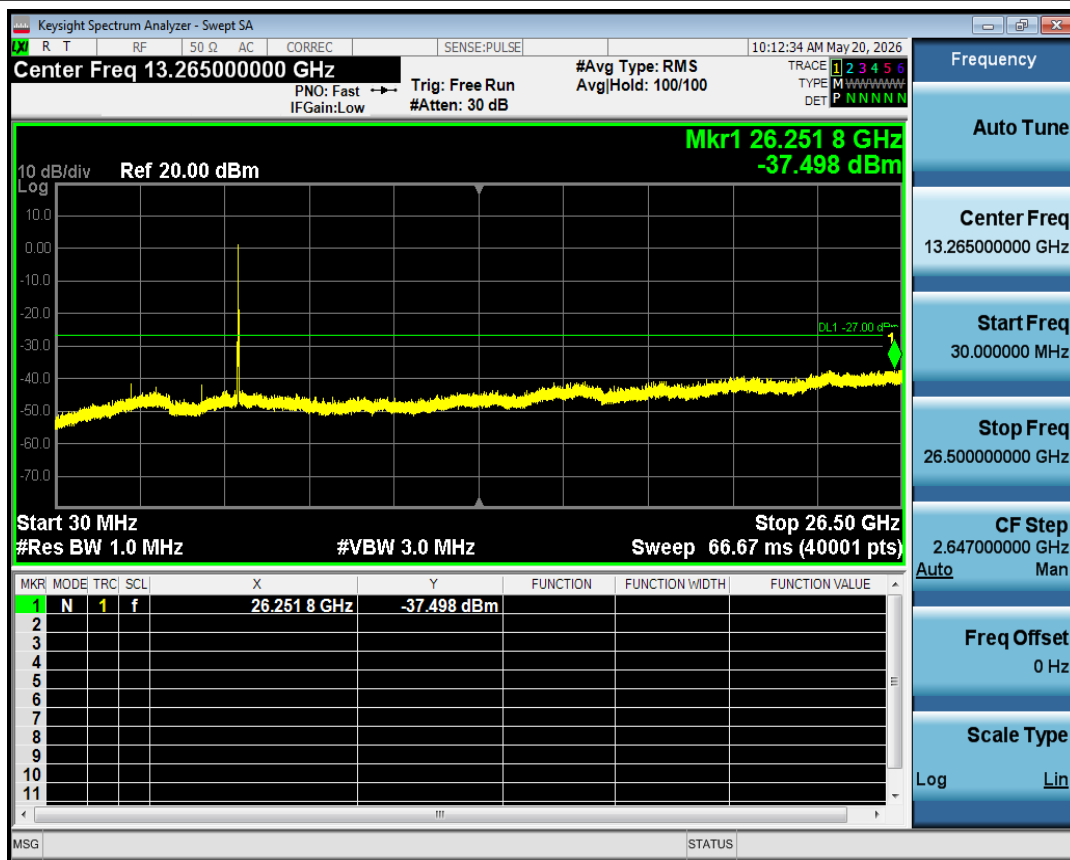
Tx. Spurious NVNT a 5745MHz Ant1 Emission



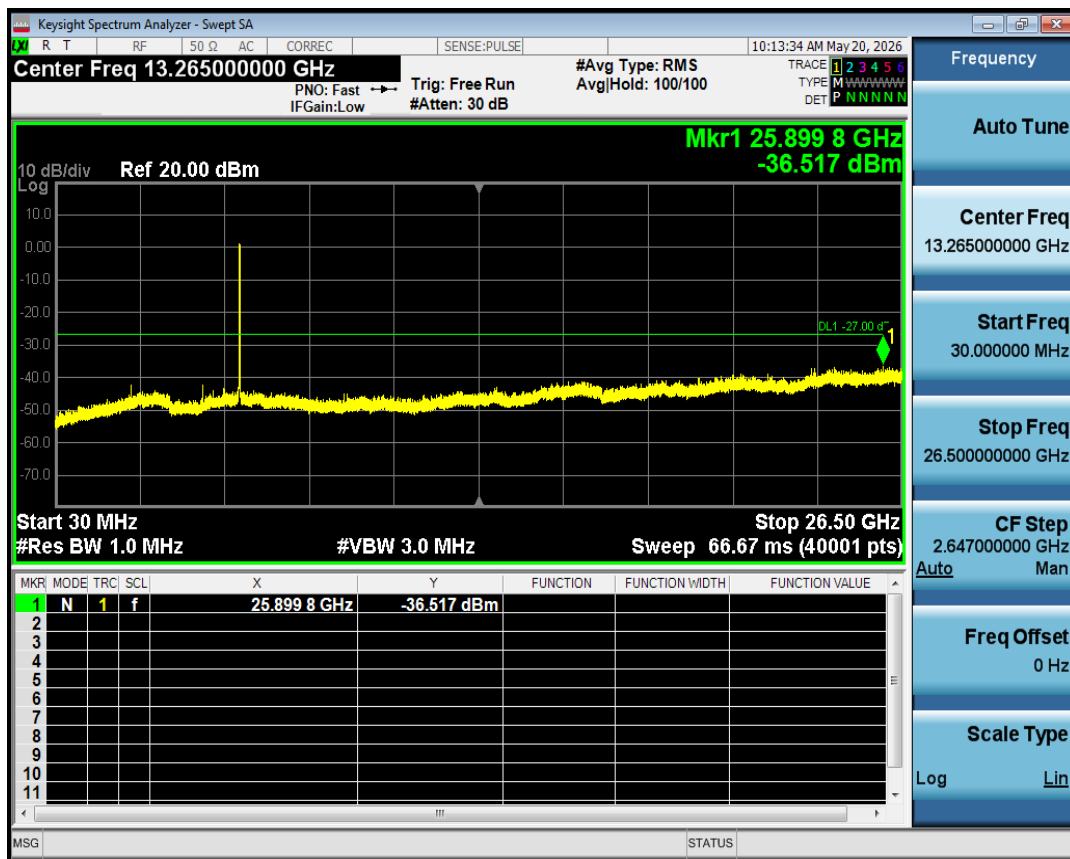
Tx. Spurious NVNT a 5785MHz Ant1 Emission



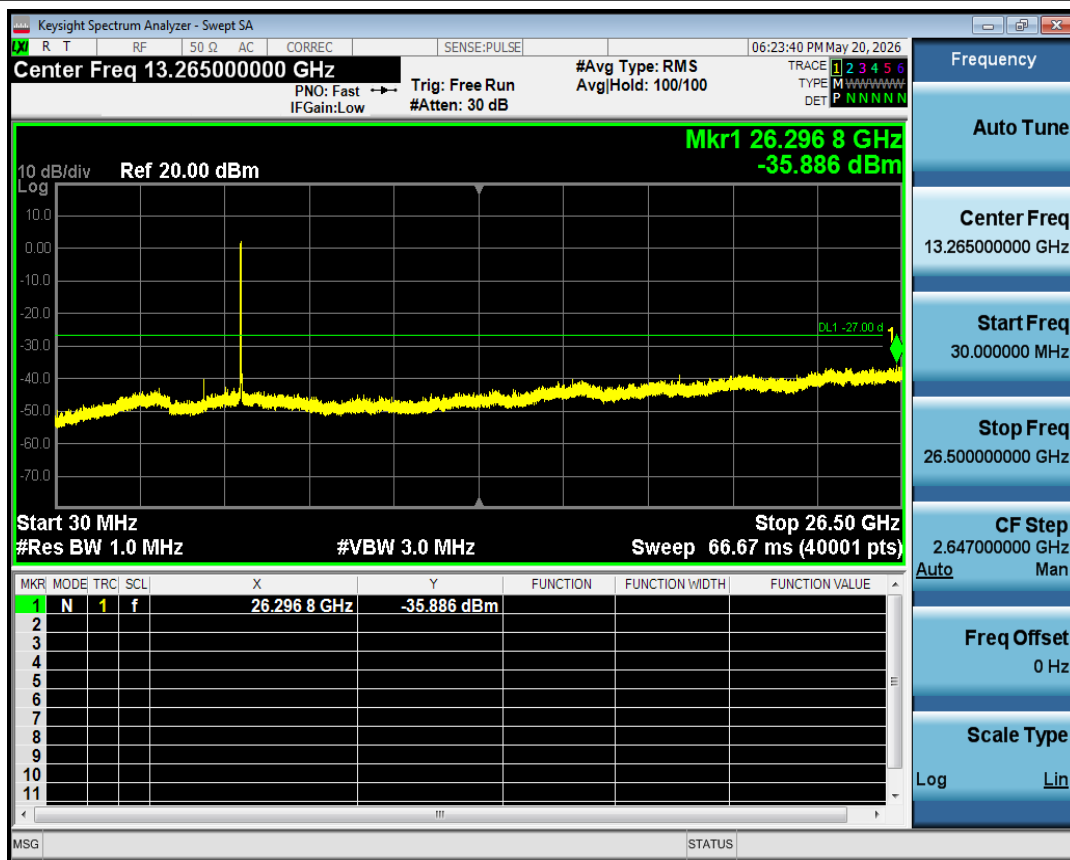
Tx. Spurious NVNT a 5825MHz Ant1 Emission



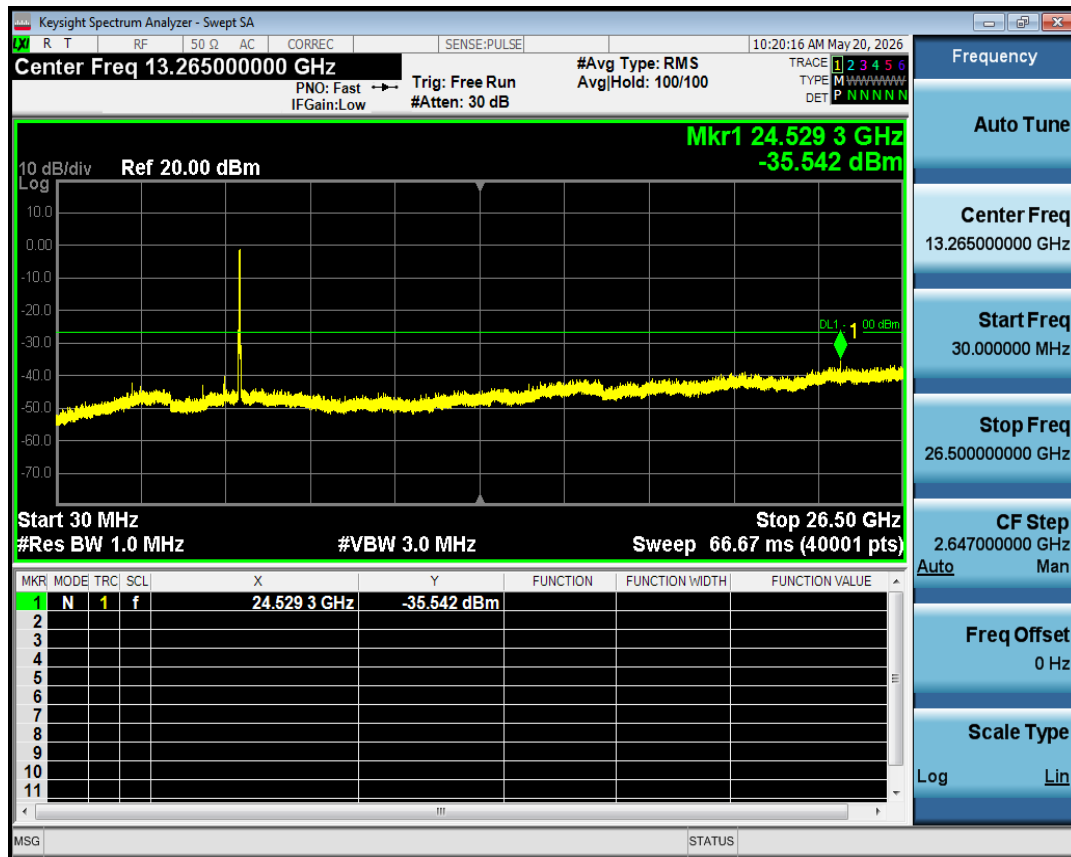
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



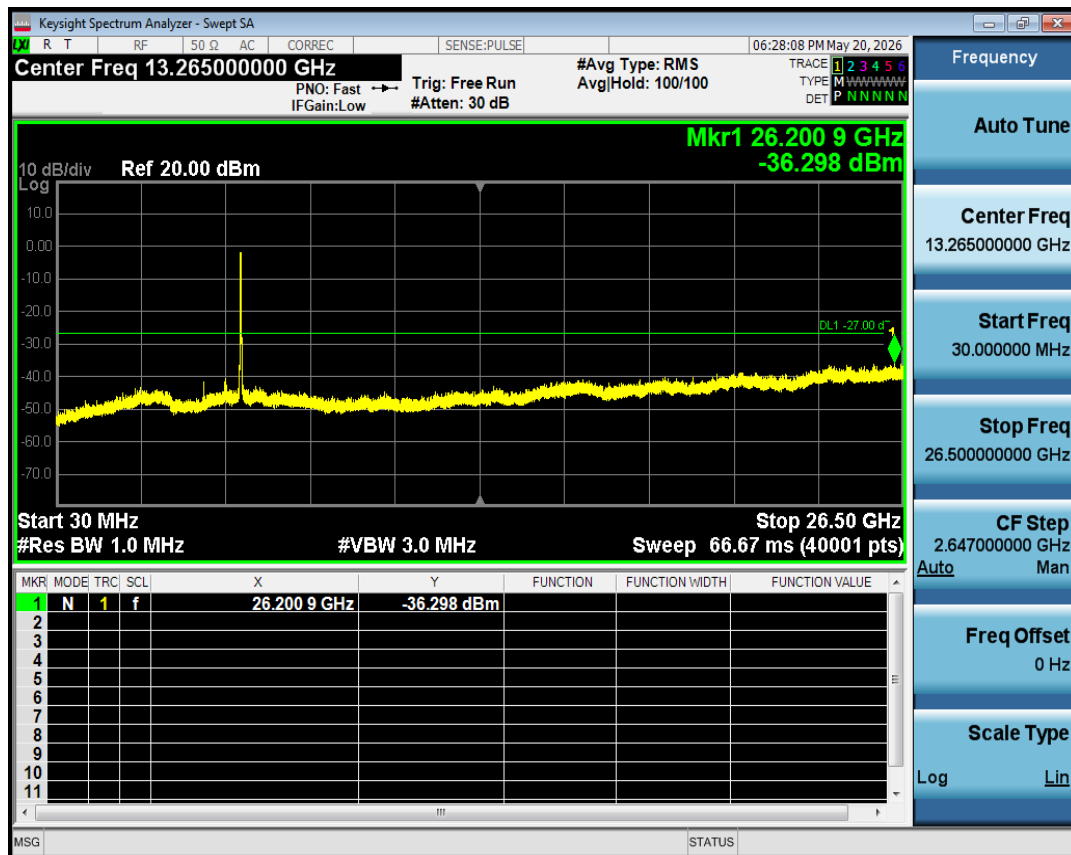
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



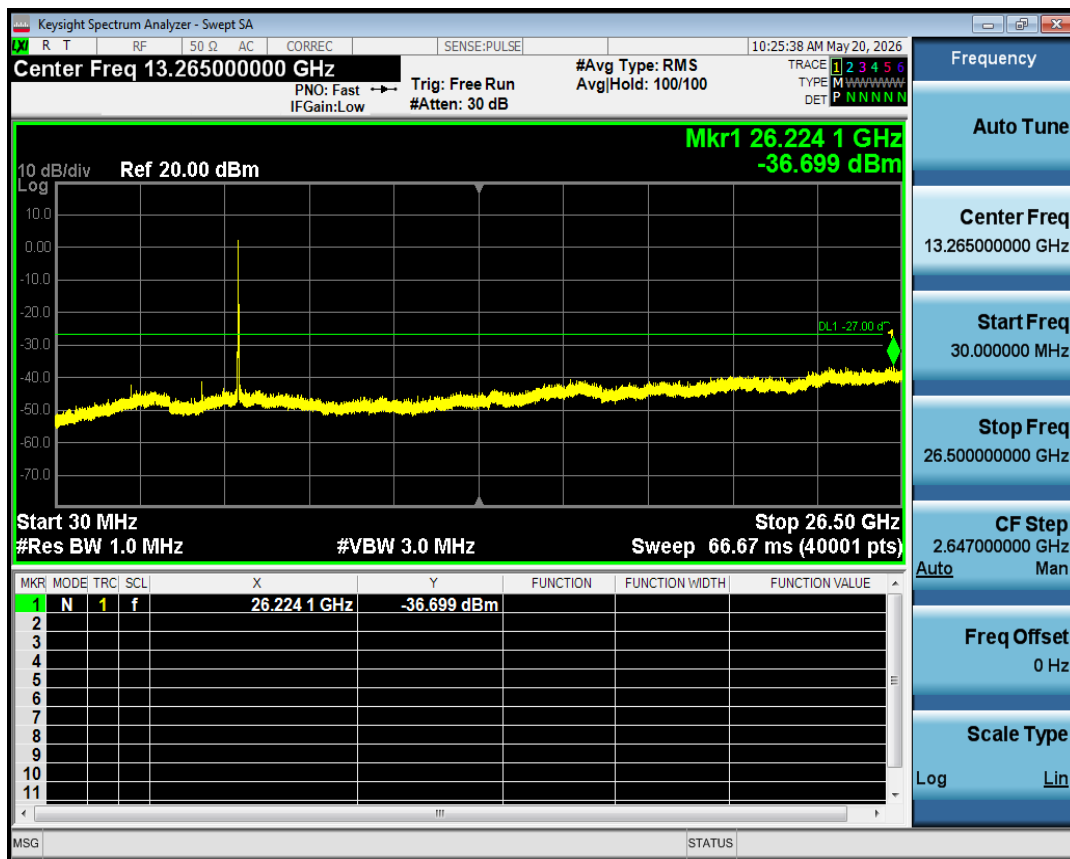
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



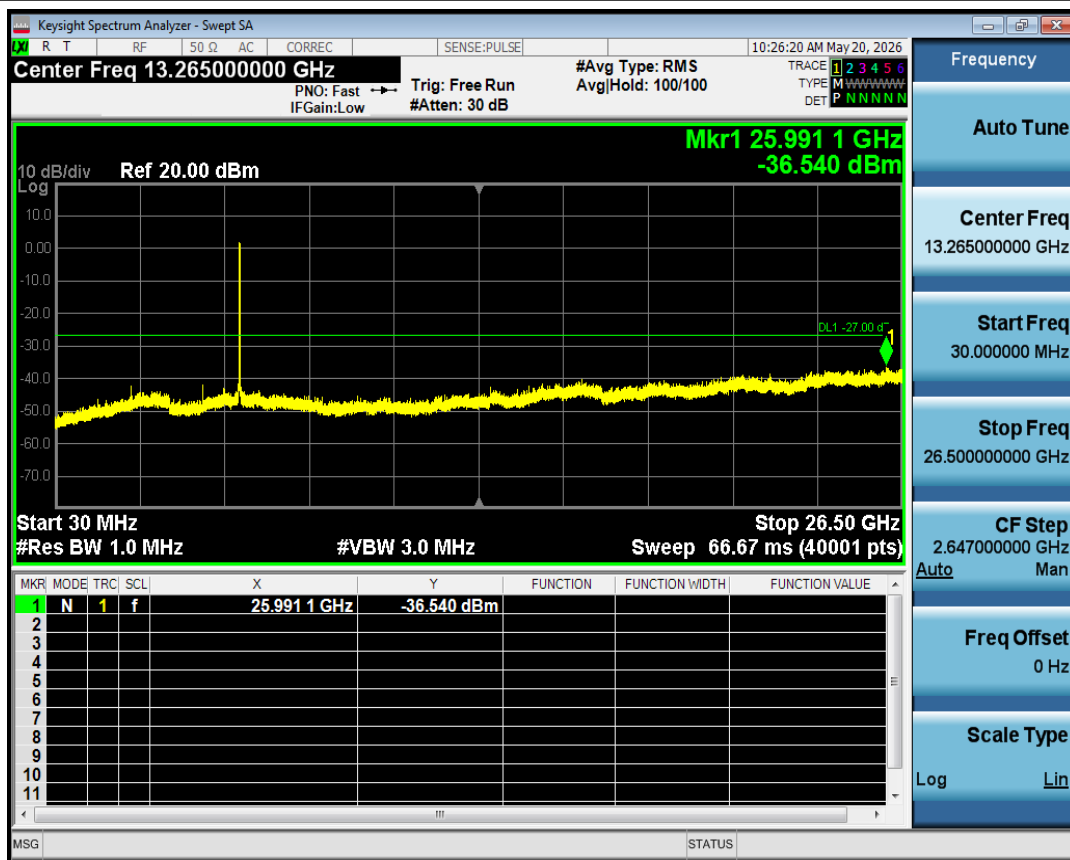
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



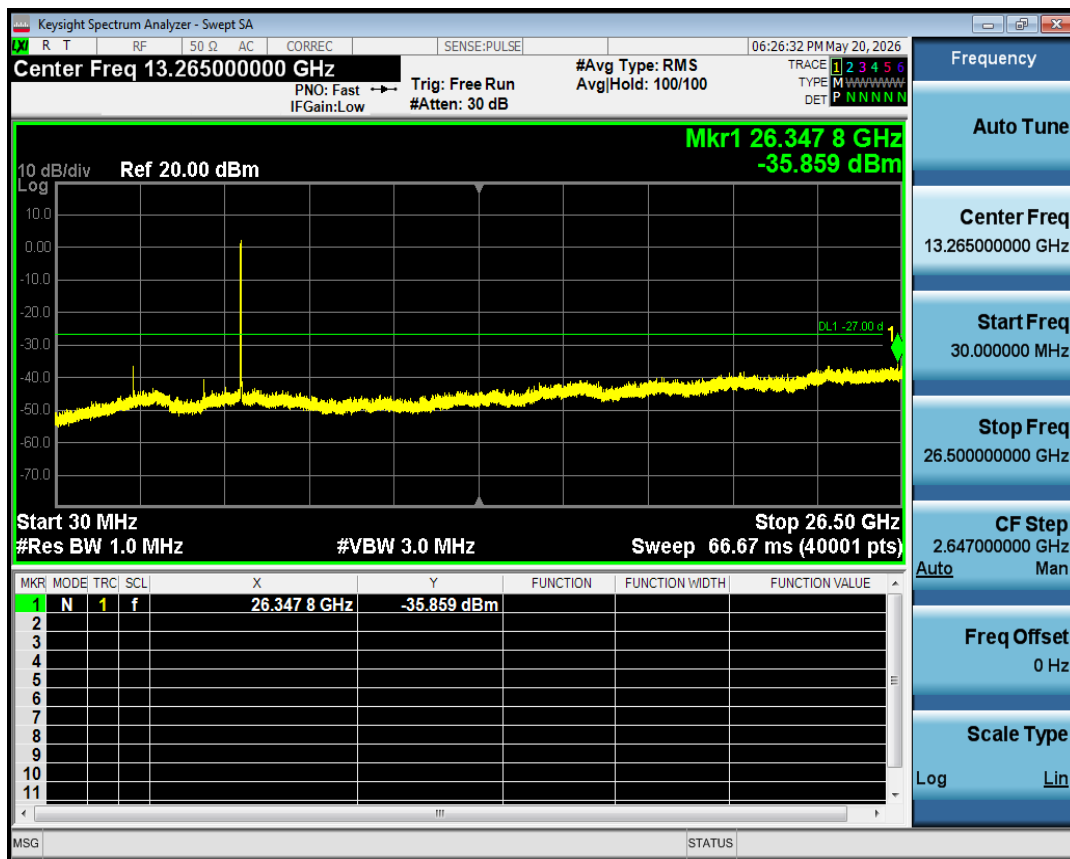
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



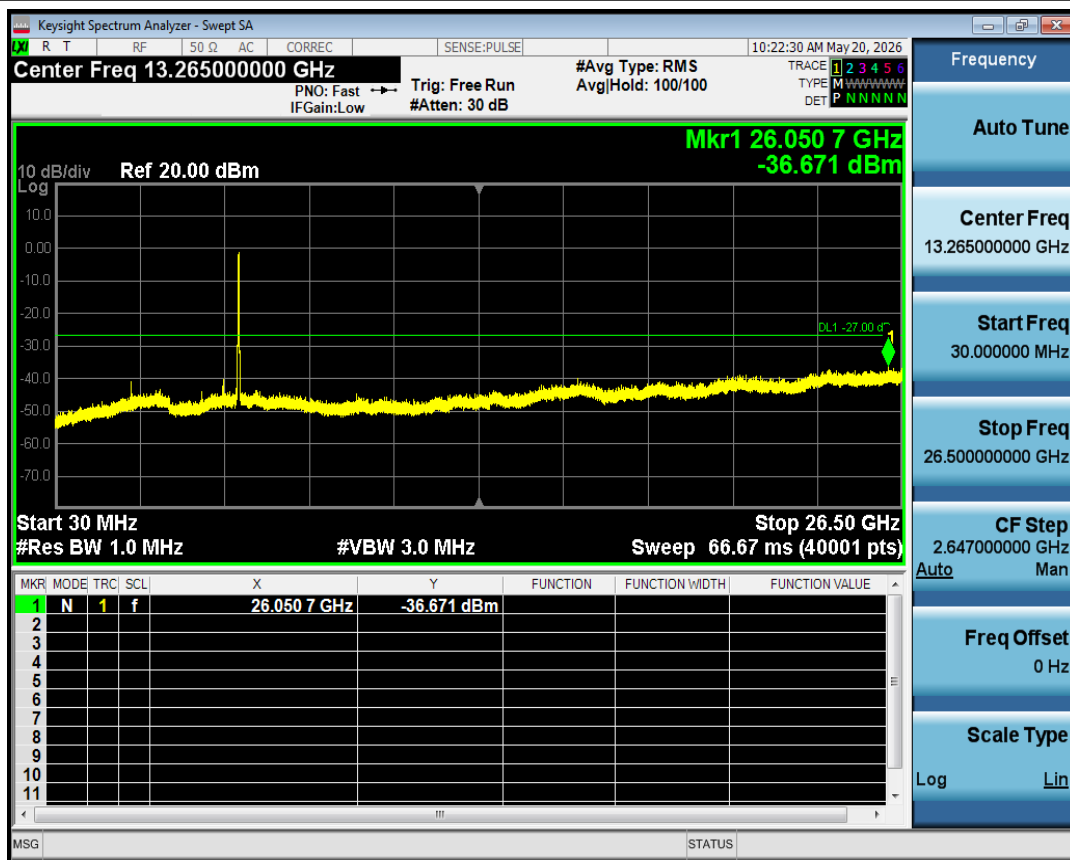
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



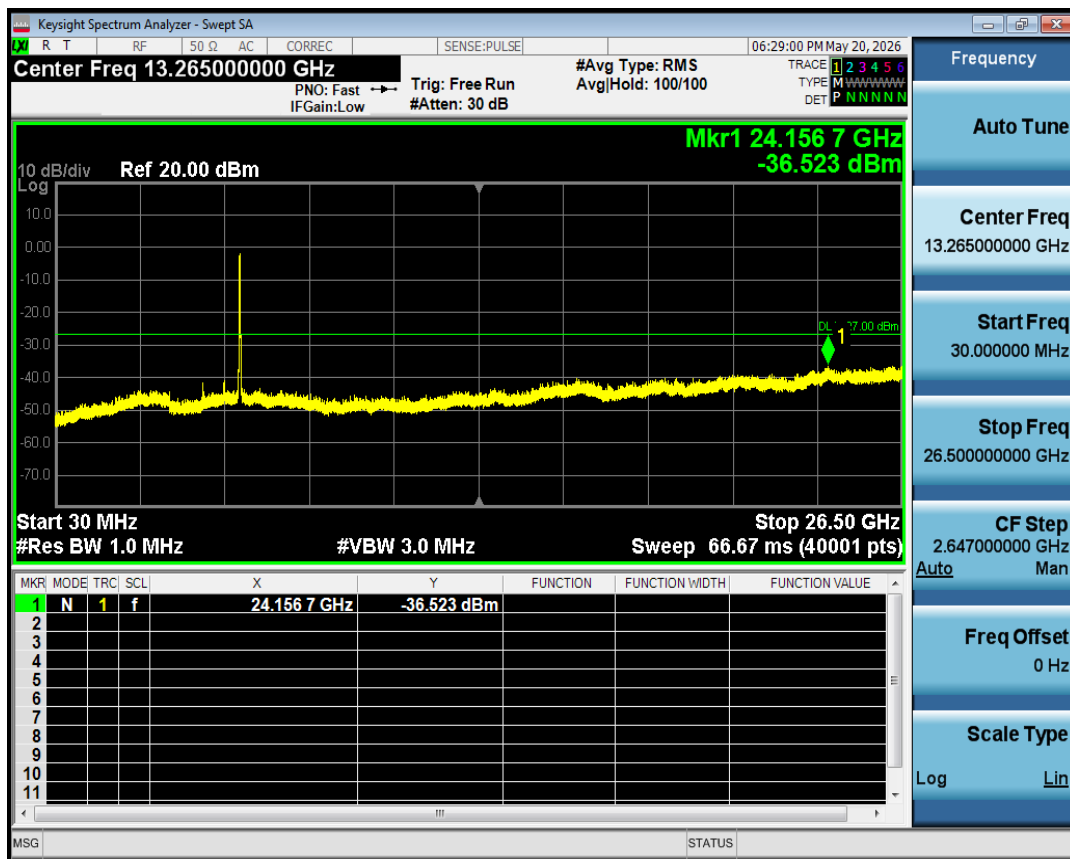
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



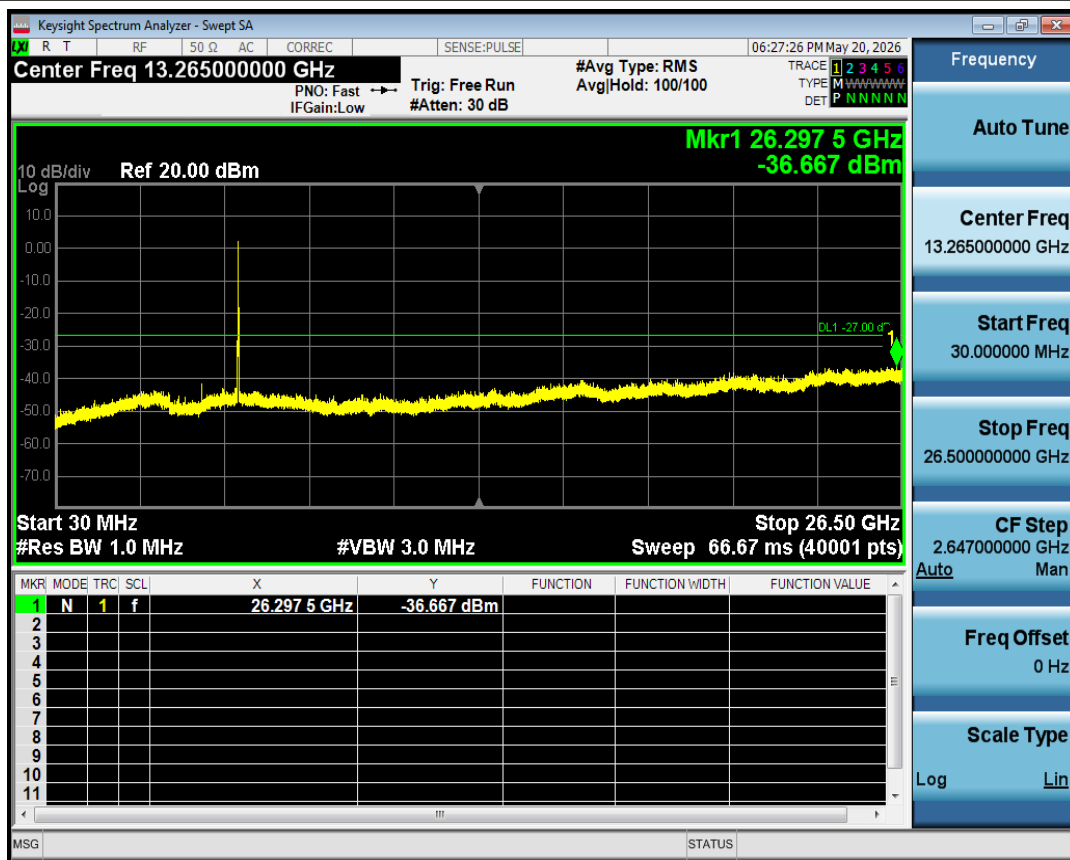
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



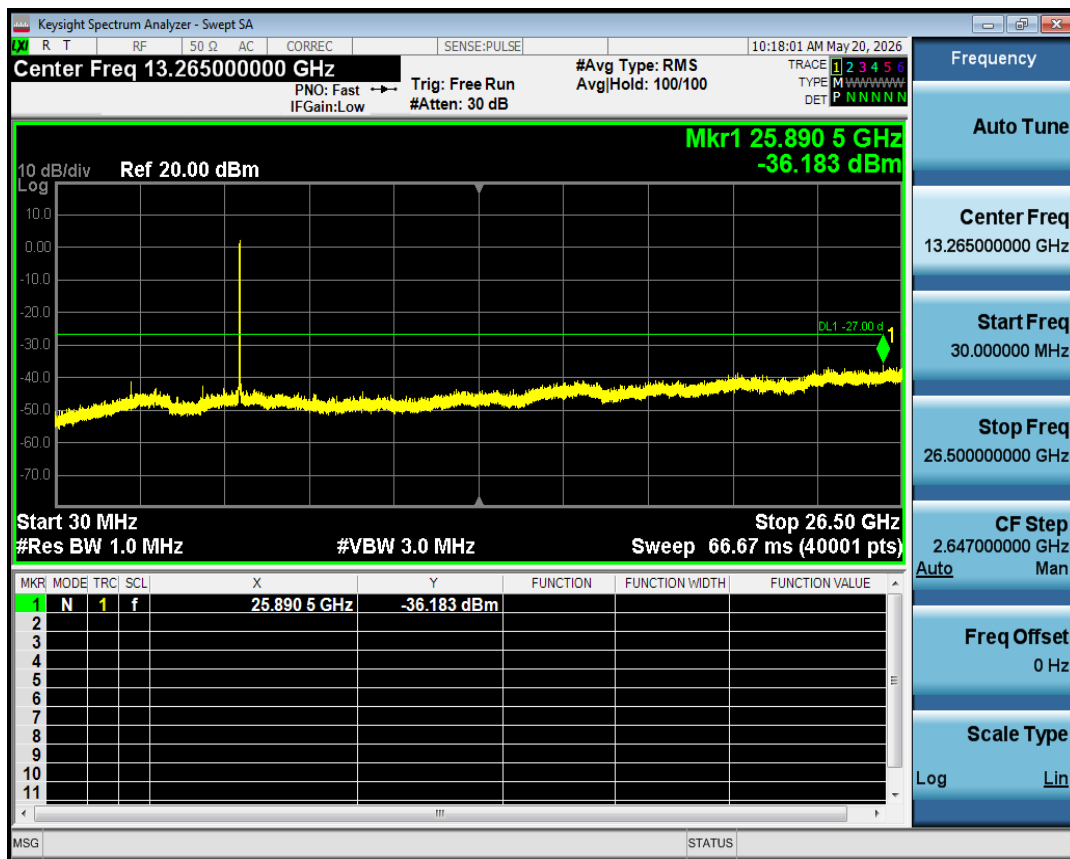
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



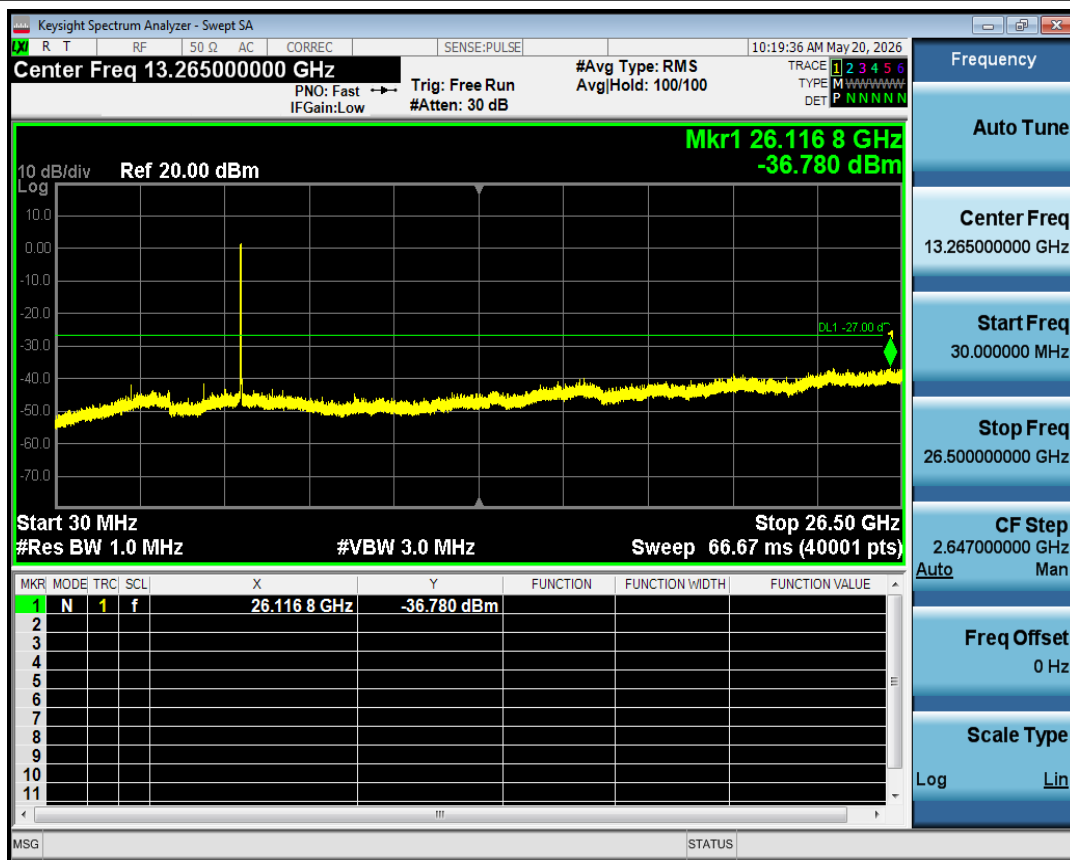
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



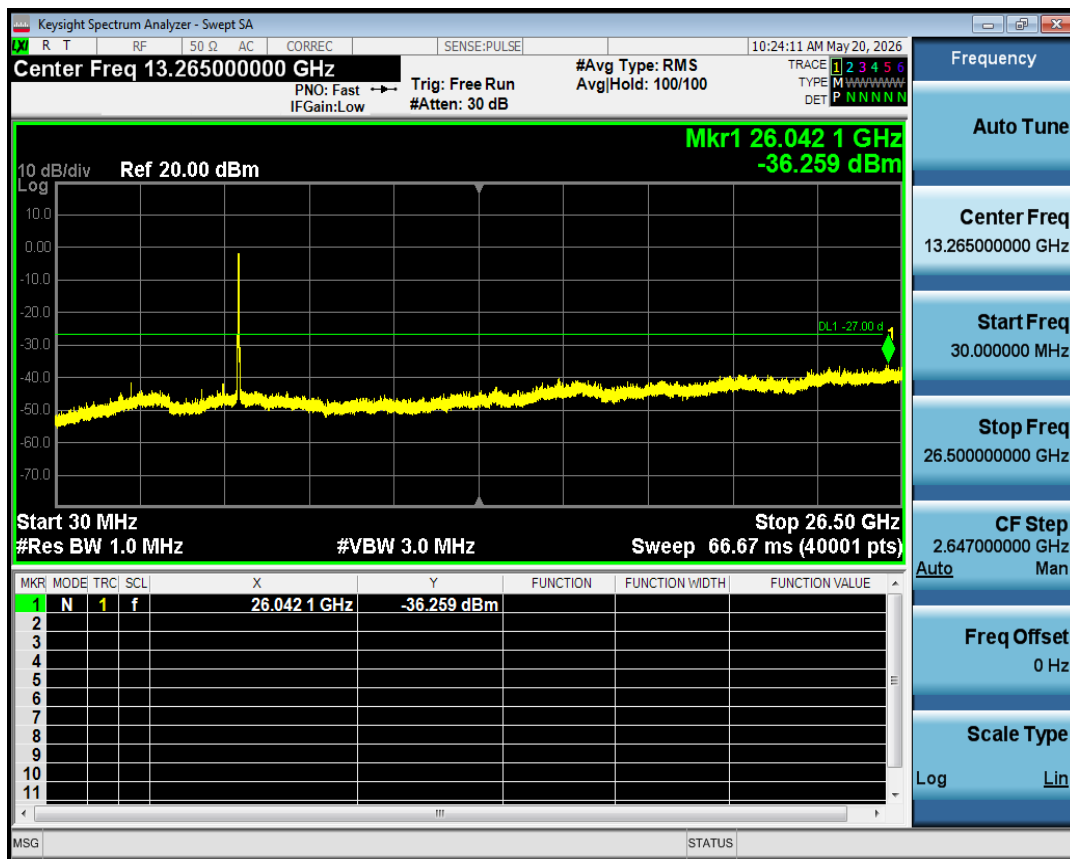
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



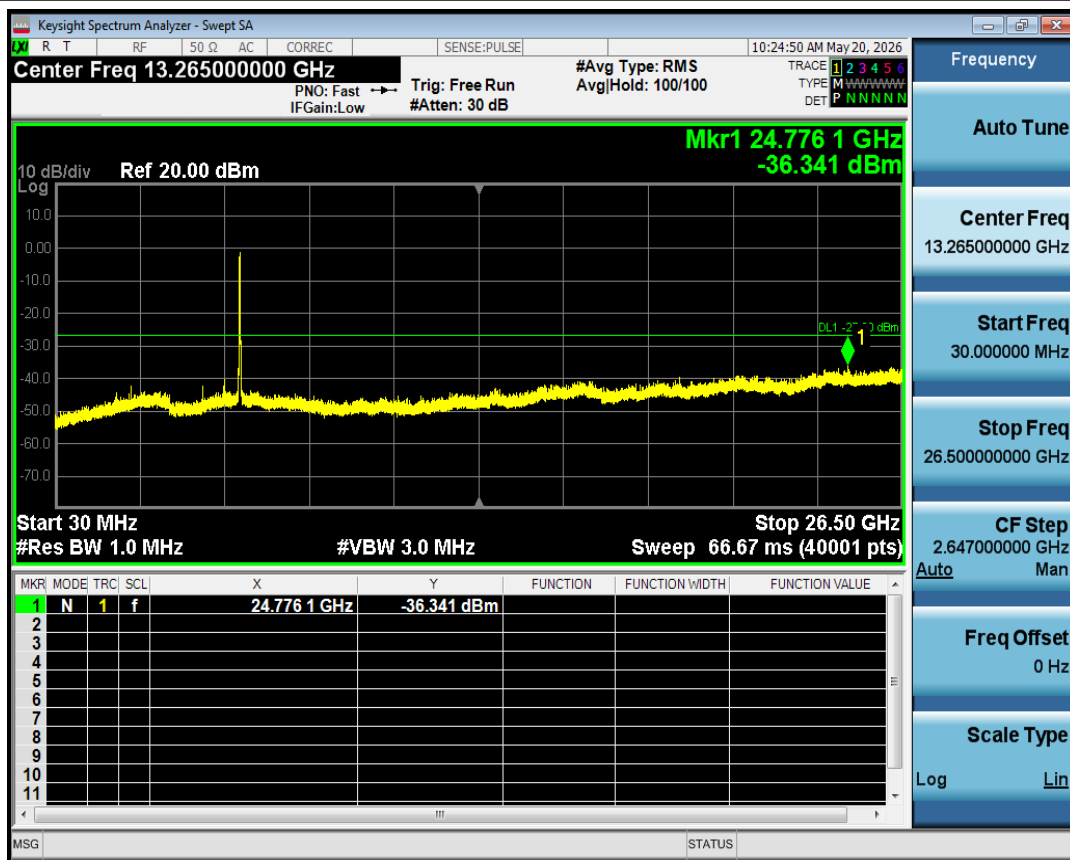
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission