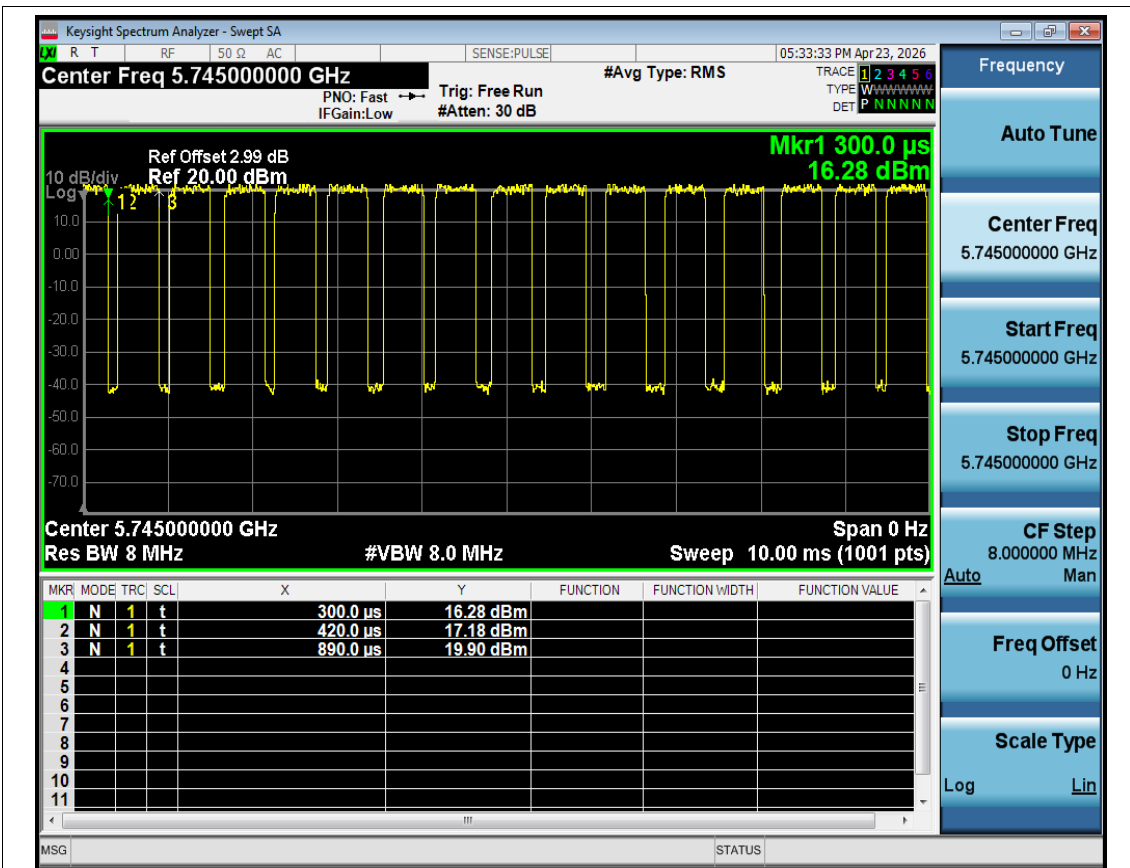

FCC_5.8G_WIFI Test Data
Report No.:NCT26016614XE1-3
FCC ID:2BMR6-ACW2303CP

RF Test Data

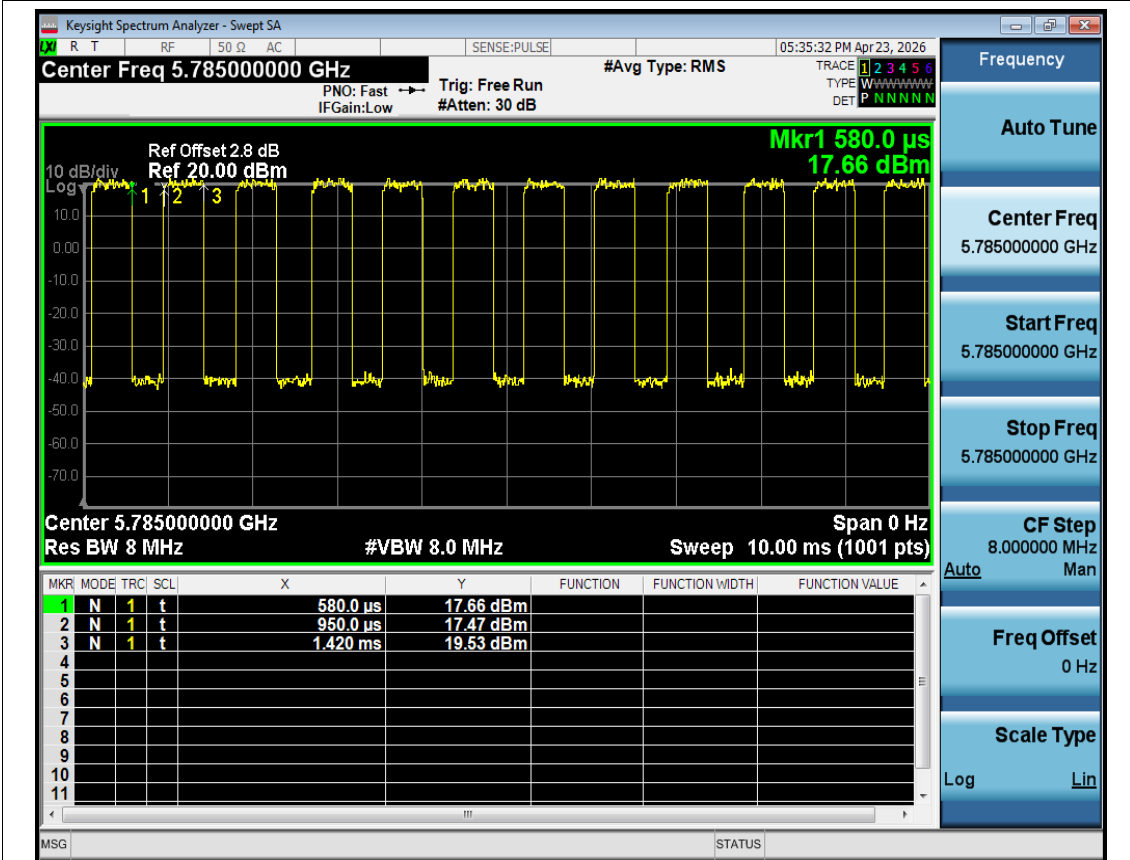
Duty Cycle.....	2
Maximum Conducted Output Power	12
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Frequency Stability	51
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Duty Cycle

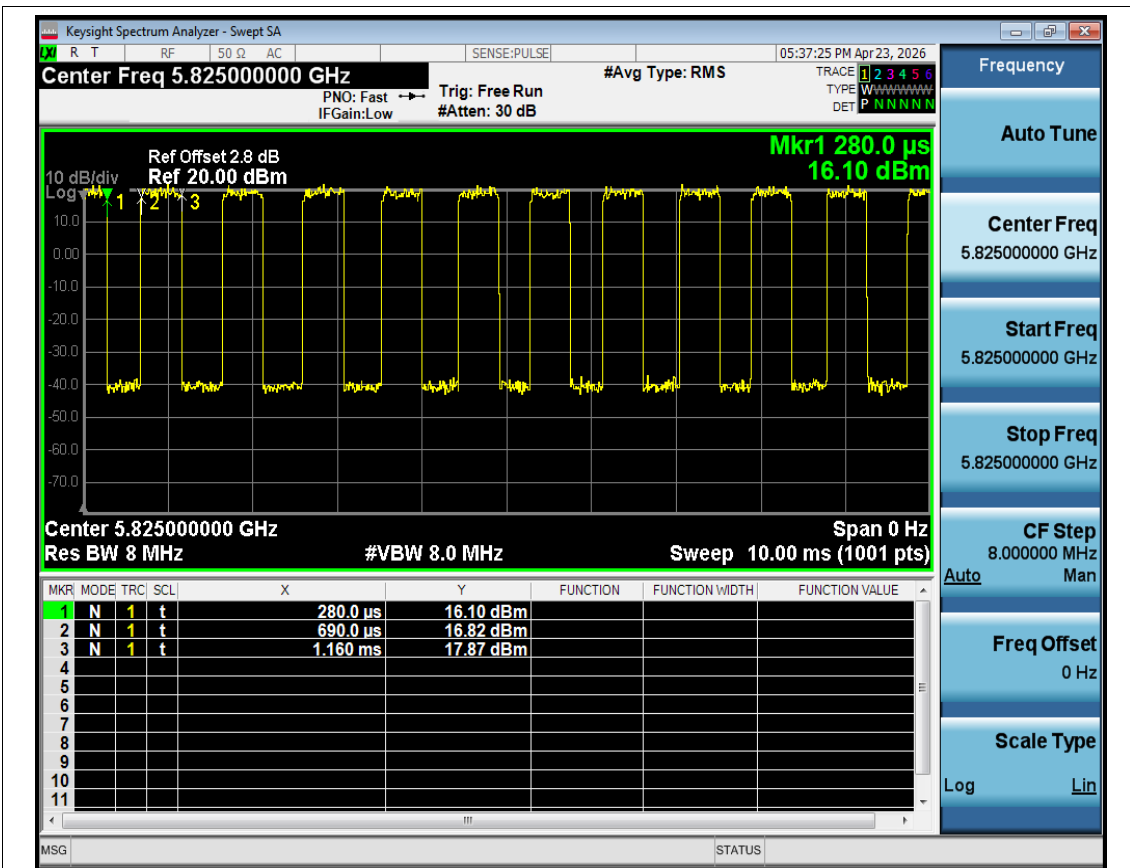
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	79.66	0.99	2.13
NVNT	a	5785	Ant1	55.95	2.52	2.13
NVNT	a	5825	Ant1	53.41	2.72	2.13
NVNT	n20	5745	Ant1	89.47	0.48	0.27
NVNT	n20	5785	Ant1	96.89	0.14	0.27
NVNT	n20	5825	Ant1	95.89	0.18	0.27
NVNT	n40	5755	Ant1	55	2.6	4.55
NVNT	n40	5795	Ant1	56.41	2.49	4.55
NVNT	ac20	5745	Ant1	96.65	0.15	0.27
NVNT	ac20	5785	Ant1	96.9	0.14	0.27
NVNT	ac20	5825	Ant1	95.66	0.19	0.27
NVNT	ac40	5755	Ant1	53.13	2.75	5.88
NVNT	ac40	5795	Ant1	45.95	3.38	5.88
NVNT	ax20	5745	Ant1	93.16	0.31	0.35
NVNT	ax20	5785	Ant1	87.46	0.58	0.35
NVNT	ax20	5825	Ant1	95.65	0.19	0.35
NVNT	ax40	5755	Ant1	51.85	2.85	7.14
NVNT	ax40	5795	Ant1	51.85	2.85	7.14



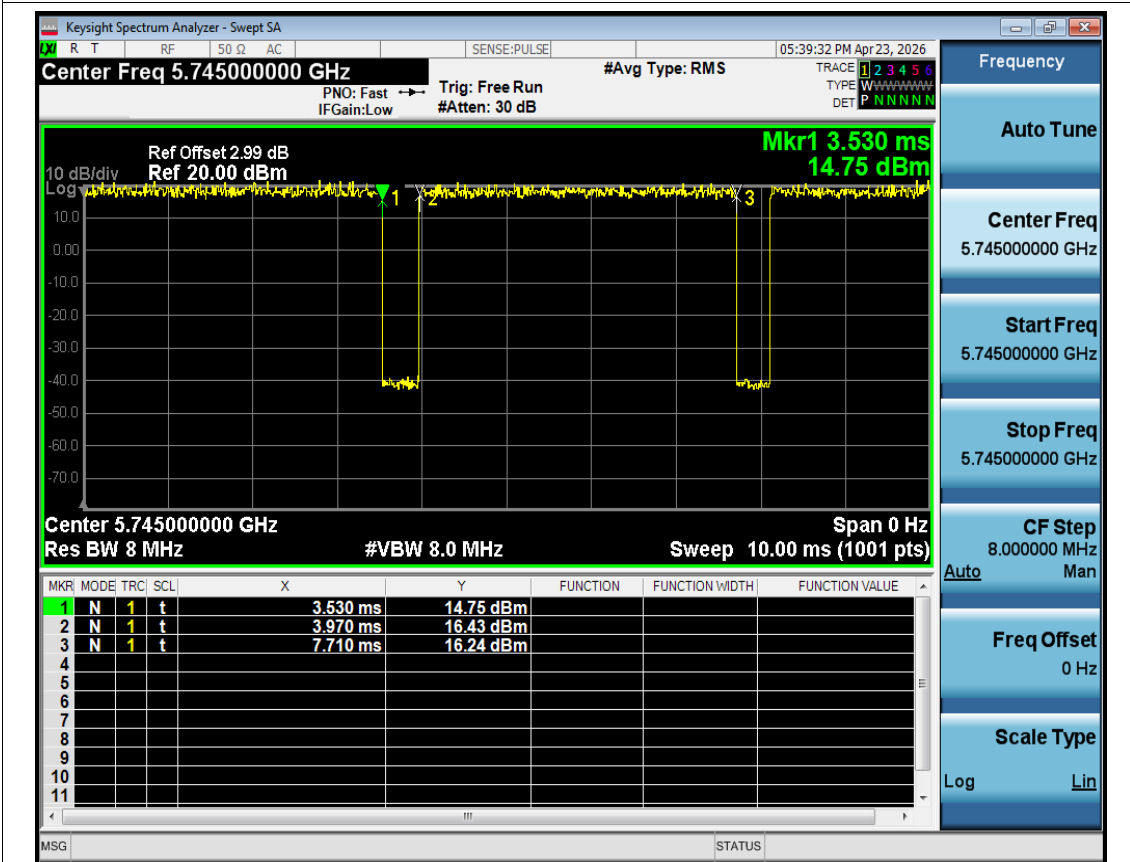
Duty Cycle NVNT a 5745MHz Ant1



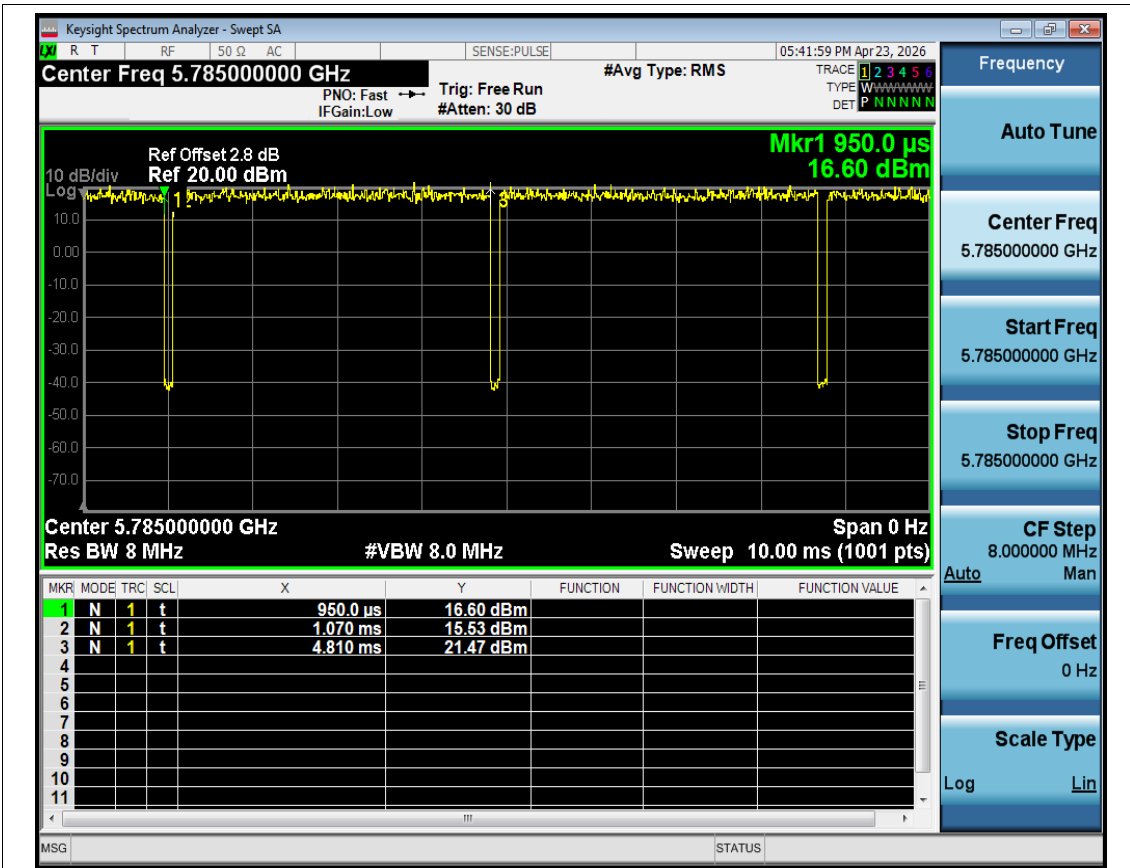
Duty Cycle NVNT a 5785MHz Ant1



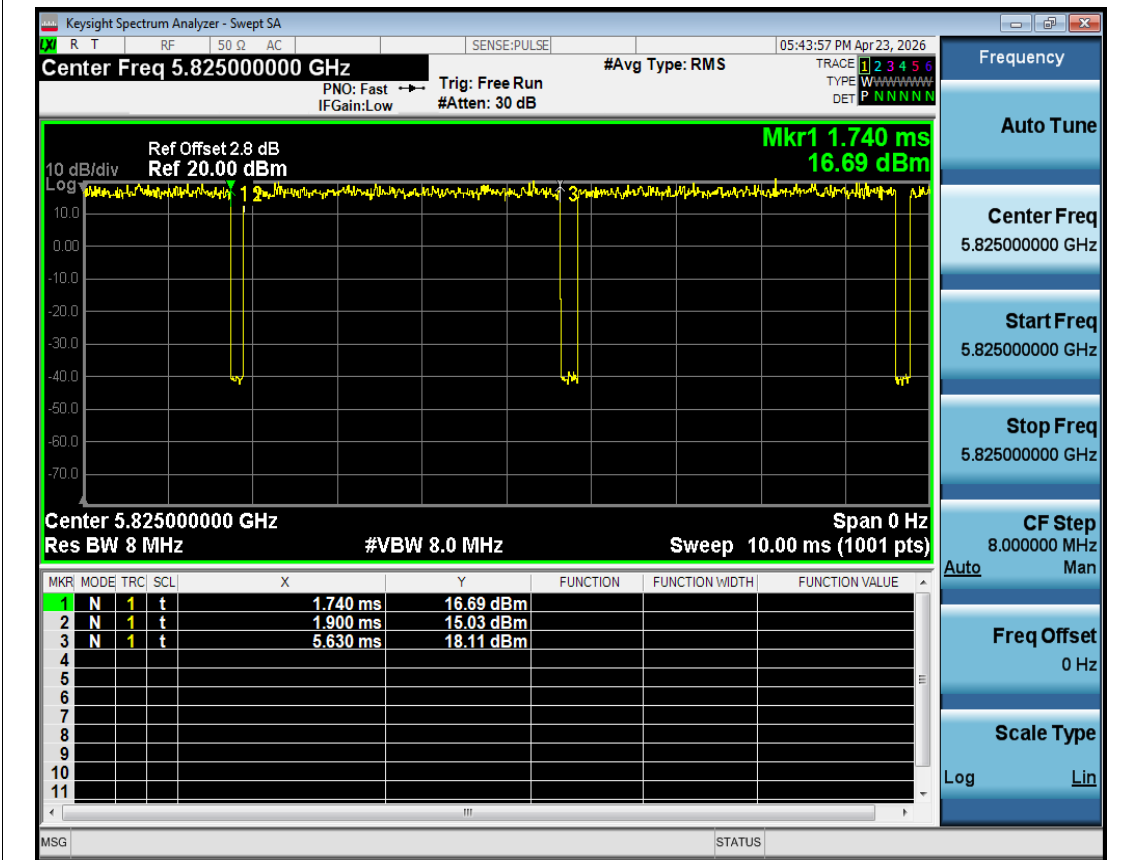
Duty Cycle NVNT a 5825MHz Ant1



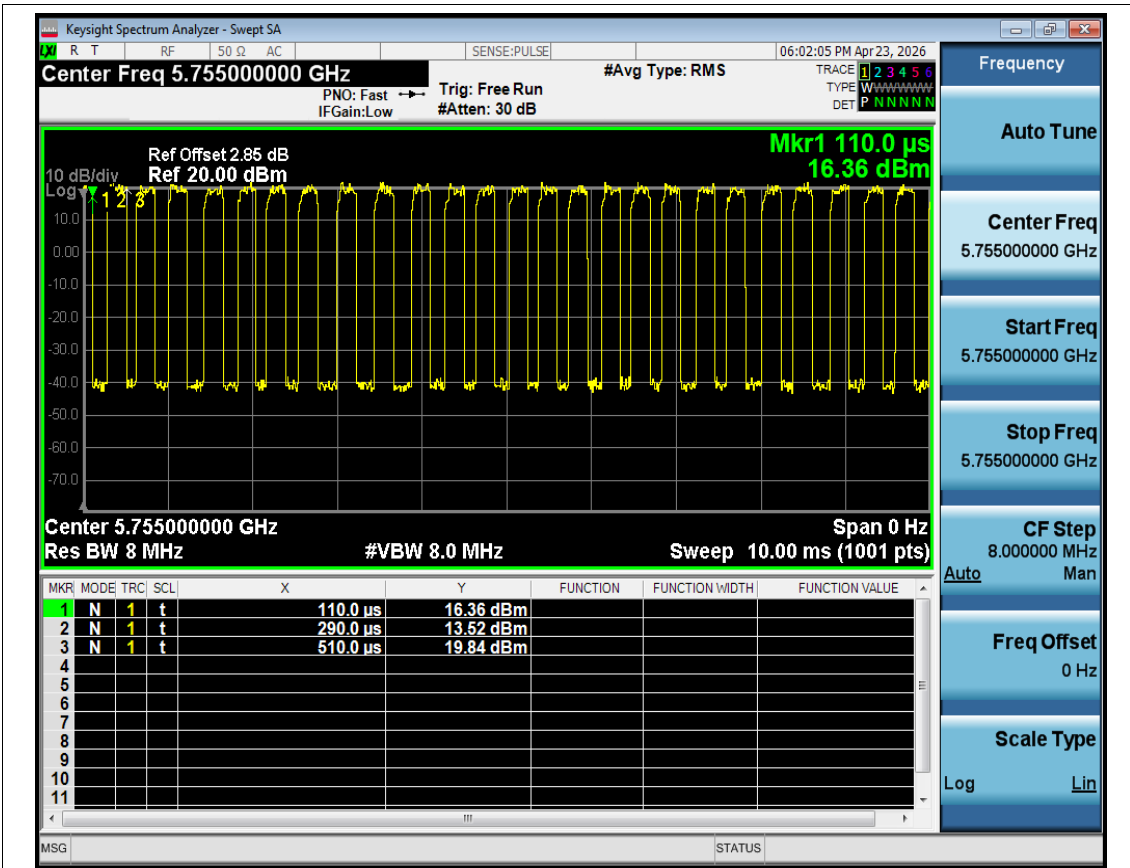
Duty Cycle NVNT n20 5745MHz Ant1



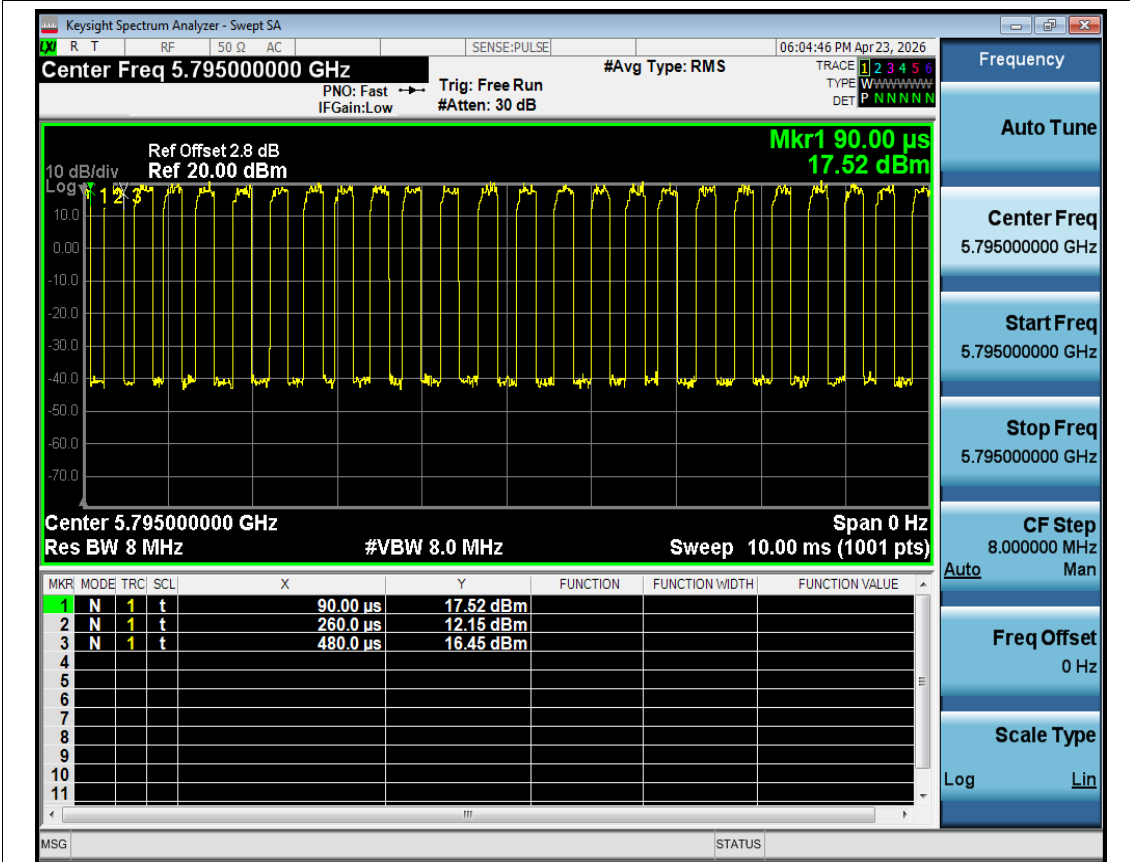
Duty Cycle NVNT n20 5785MHz Ant1



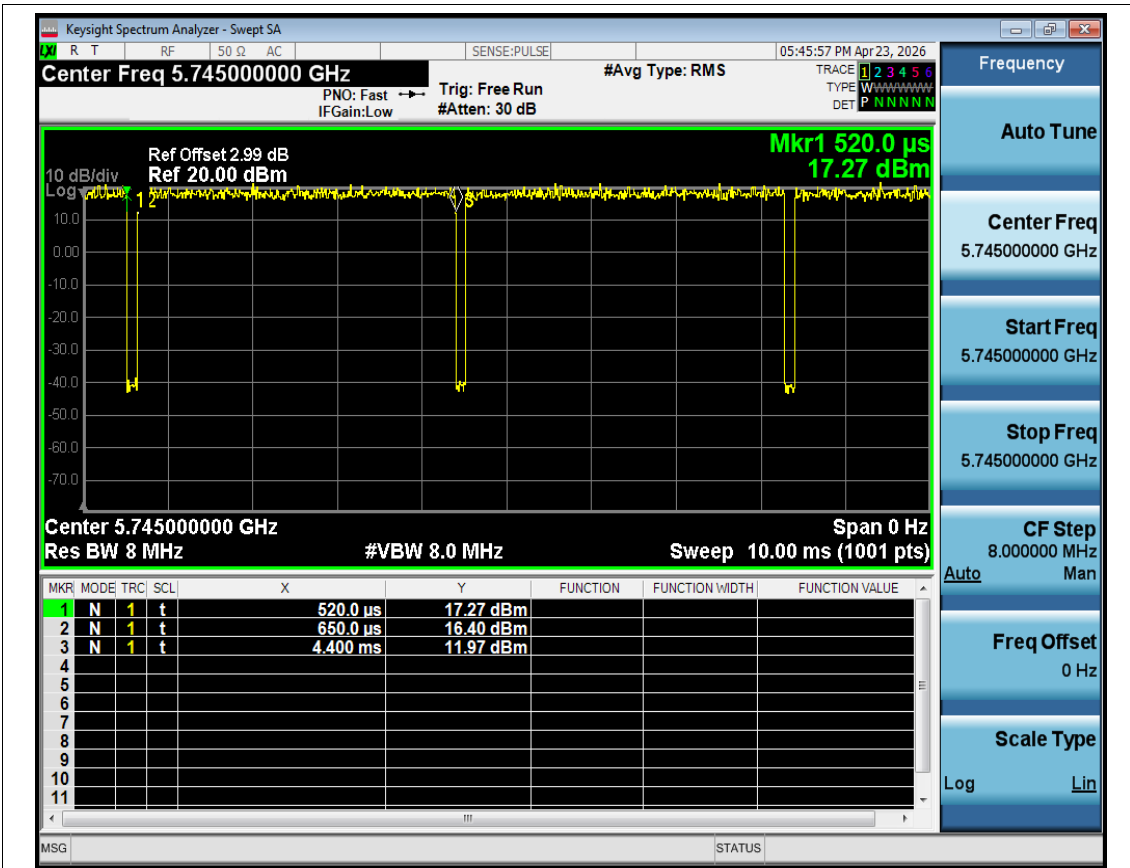
Duty Cycle NVNT n20 5825MHz Ant1



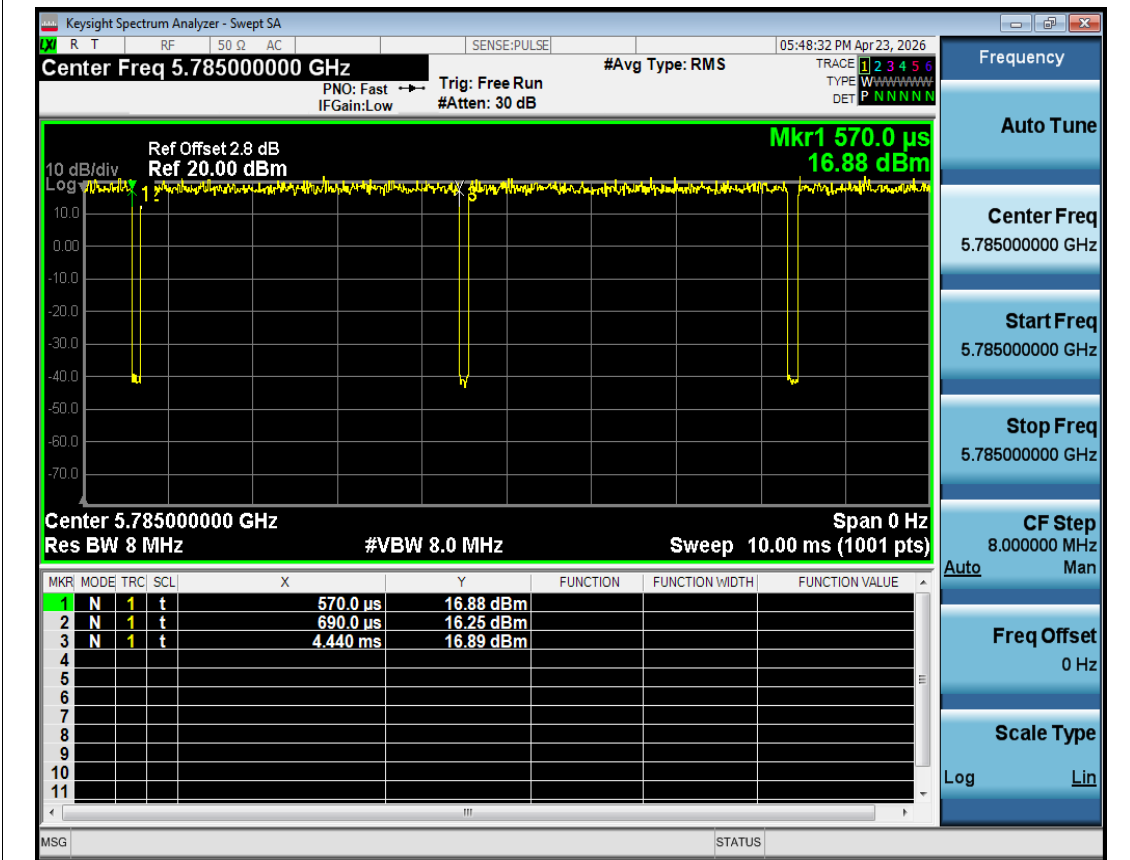
Duty Cycle NVNT n40 5755MHz Ant1



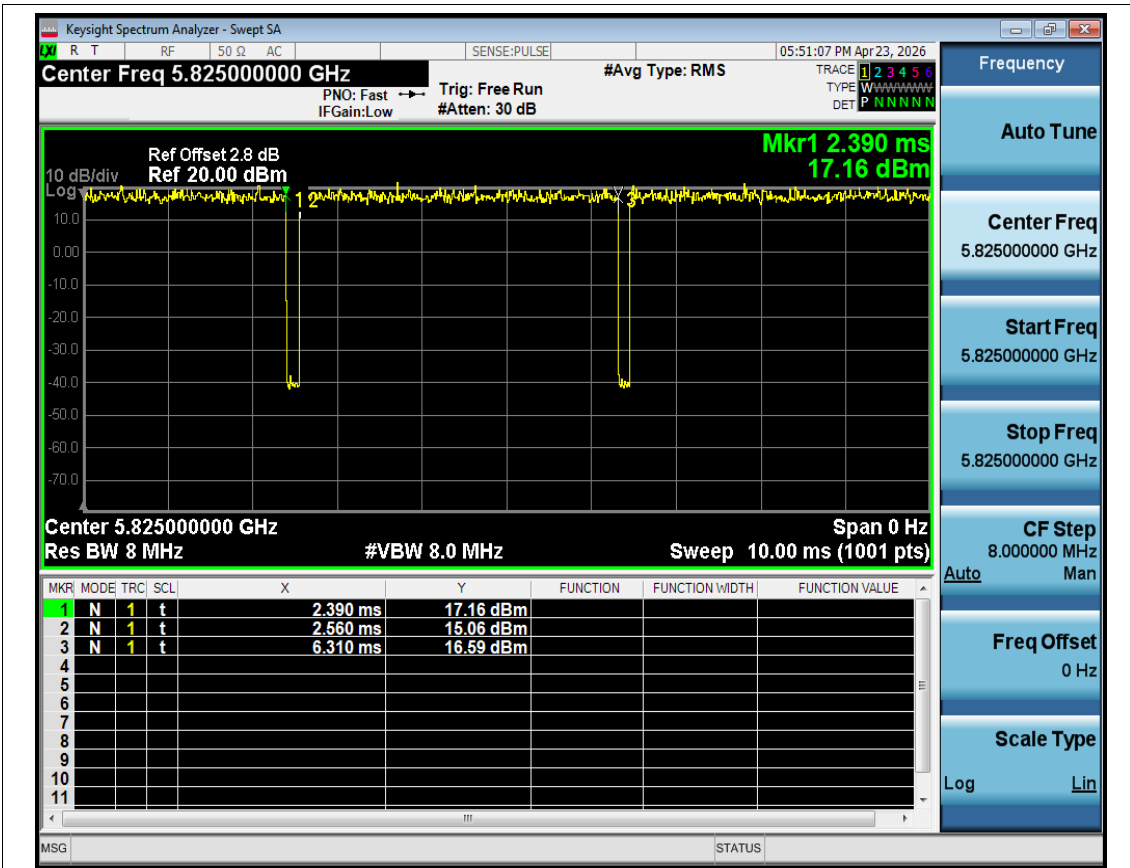
Duty Cycle NVNT n40 5795MHz Ant1



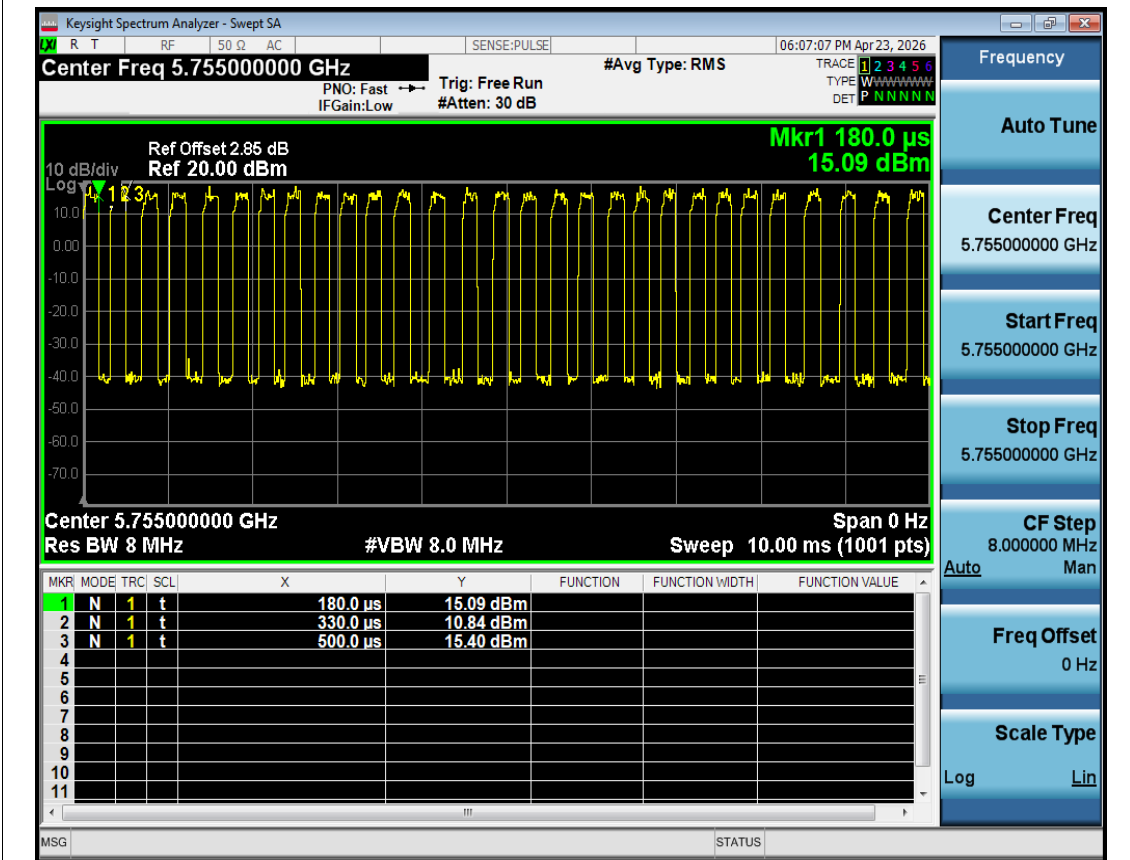
Duty Cycle NVNT ac20 5745MHz Ant1



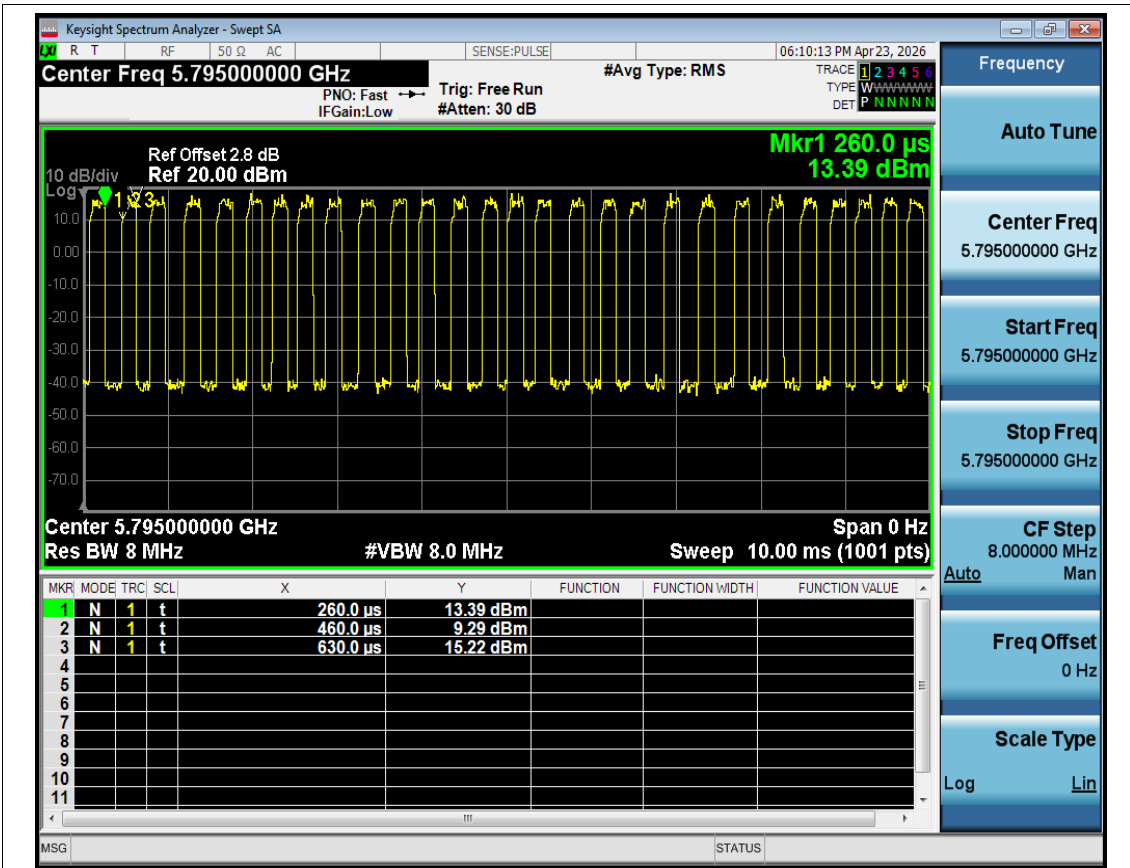
Duty Cycle NVNT ac20 5785MHz Ant1



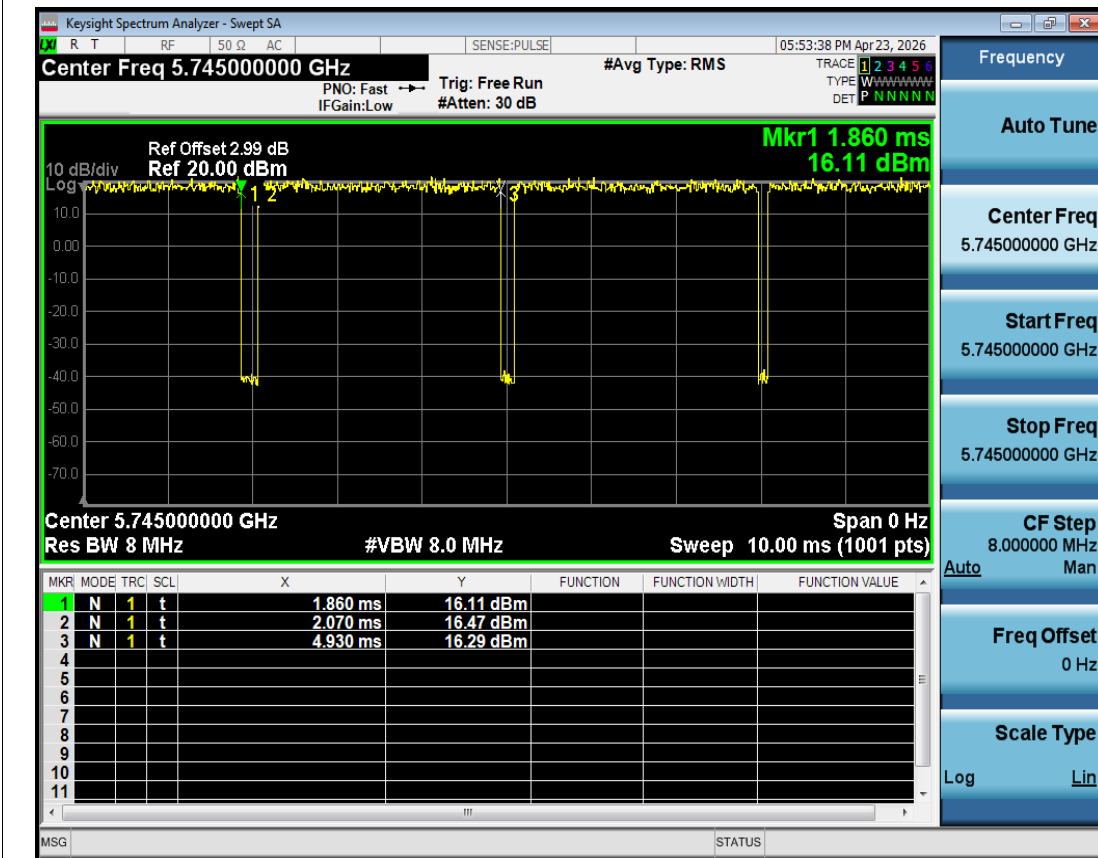
Duty Cycle NVNT ac20 5825MHz Ant1



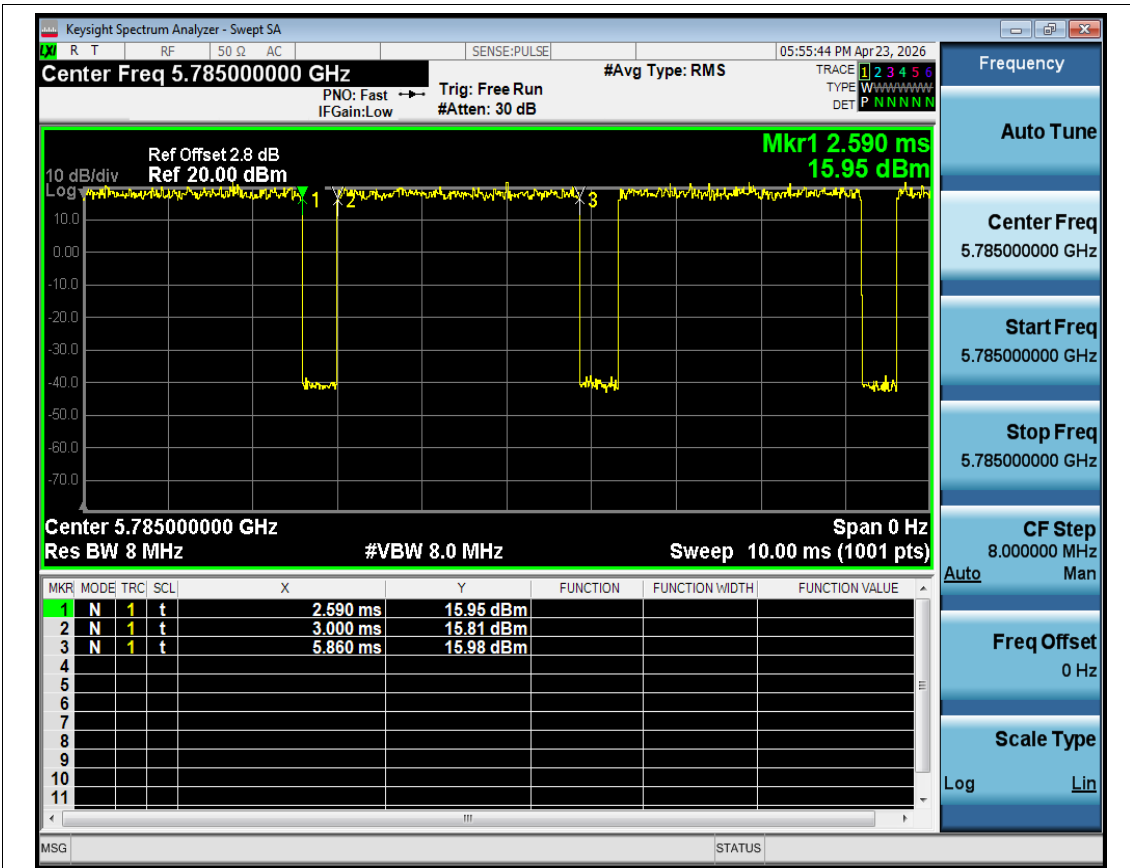
Duty Cycle NVNT ac40 5755MHz Ant1



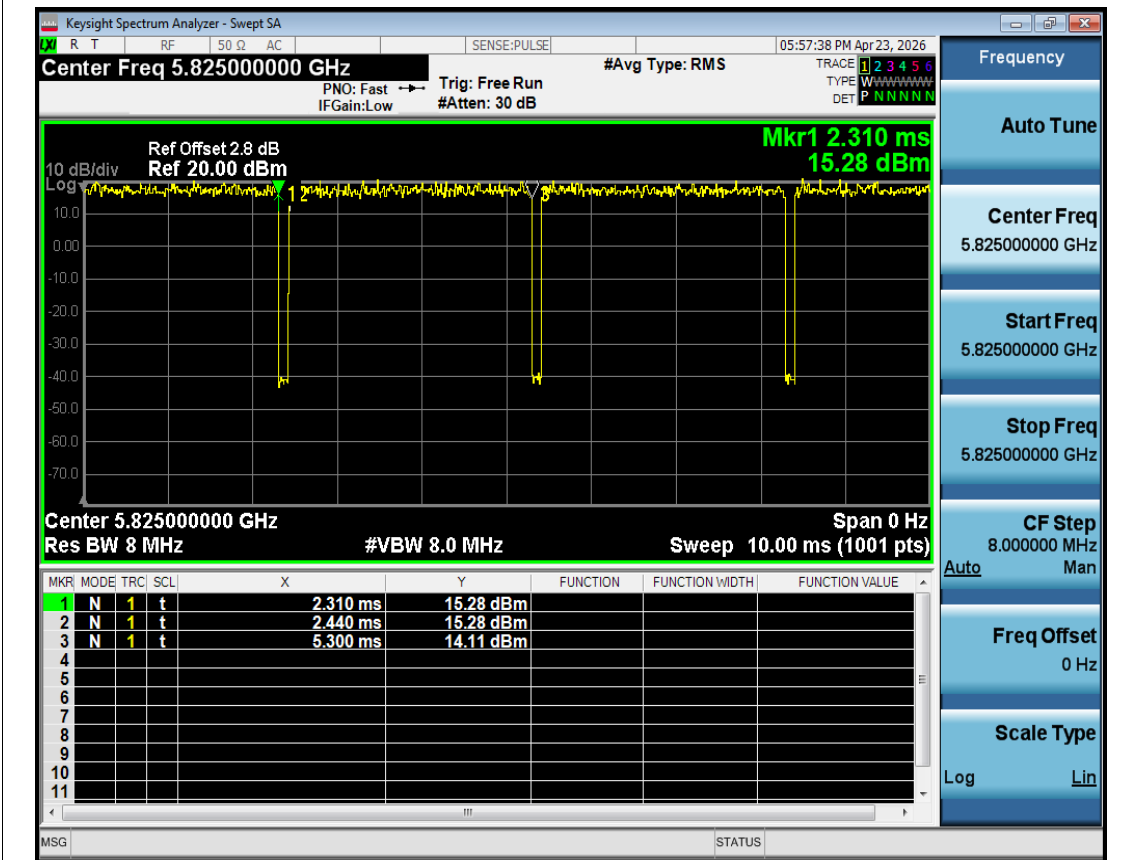
Duty Cycle NVNT ac40 5795MHz Ant1



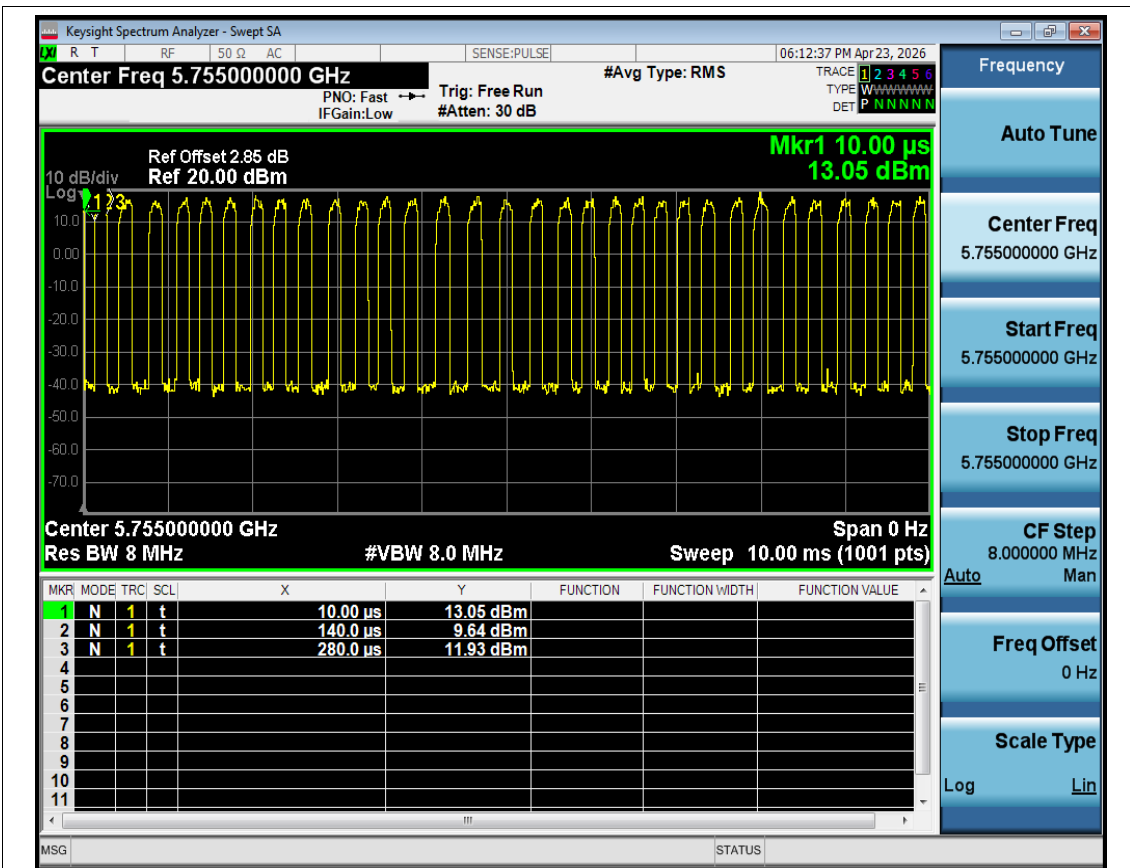
Duty Cycle NVNT ax20 5745MHz Ant1



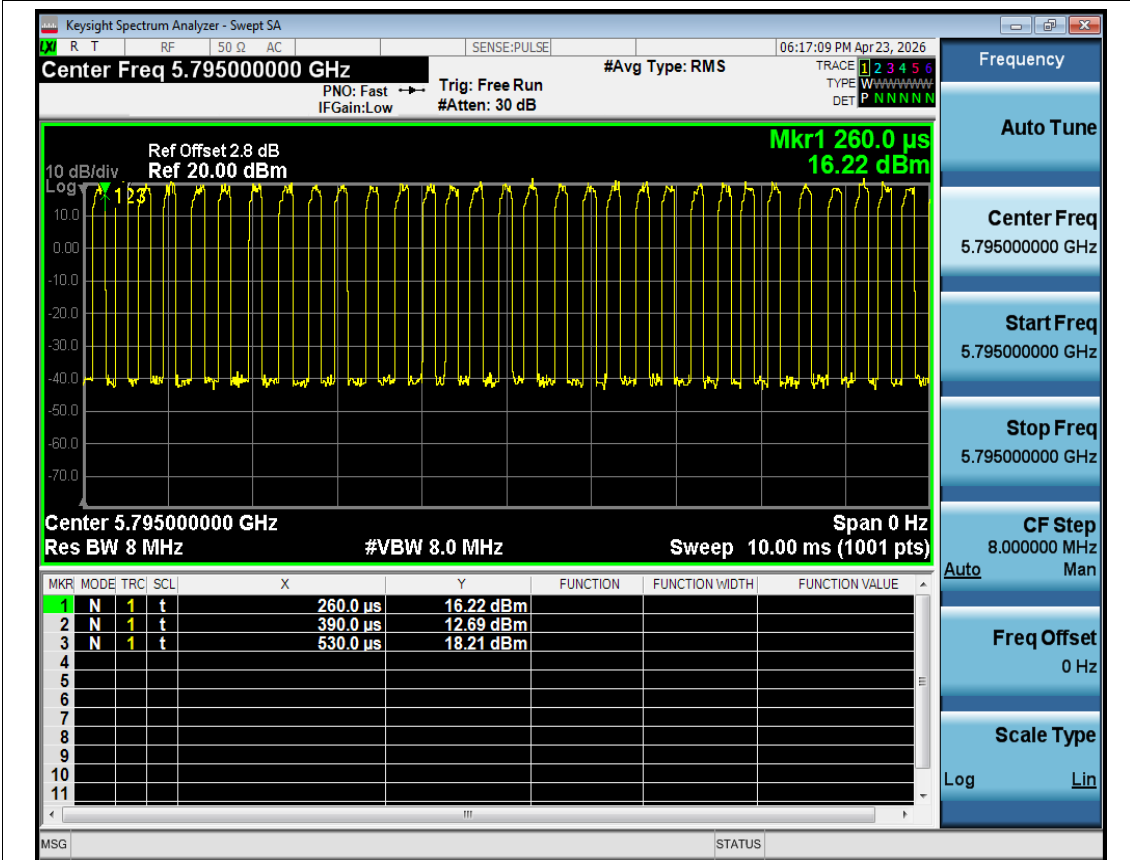
Duty Cycle NVNT ax20 5785MHz Ant1



Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



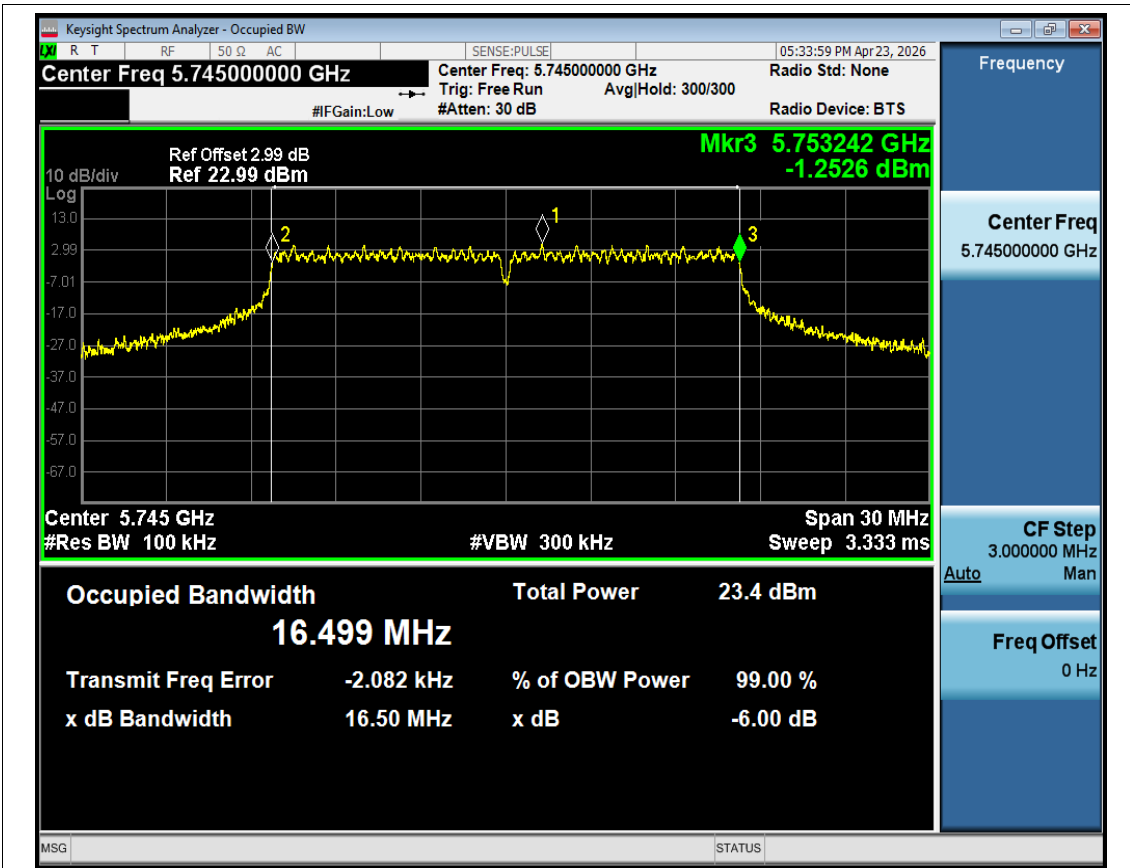
Duty Cycle NVNT ax40 5795MHz Ant1

Maximum Conducted Output Power

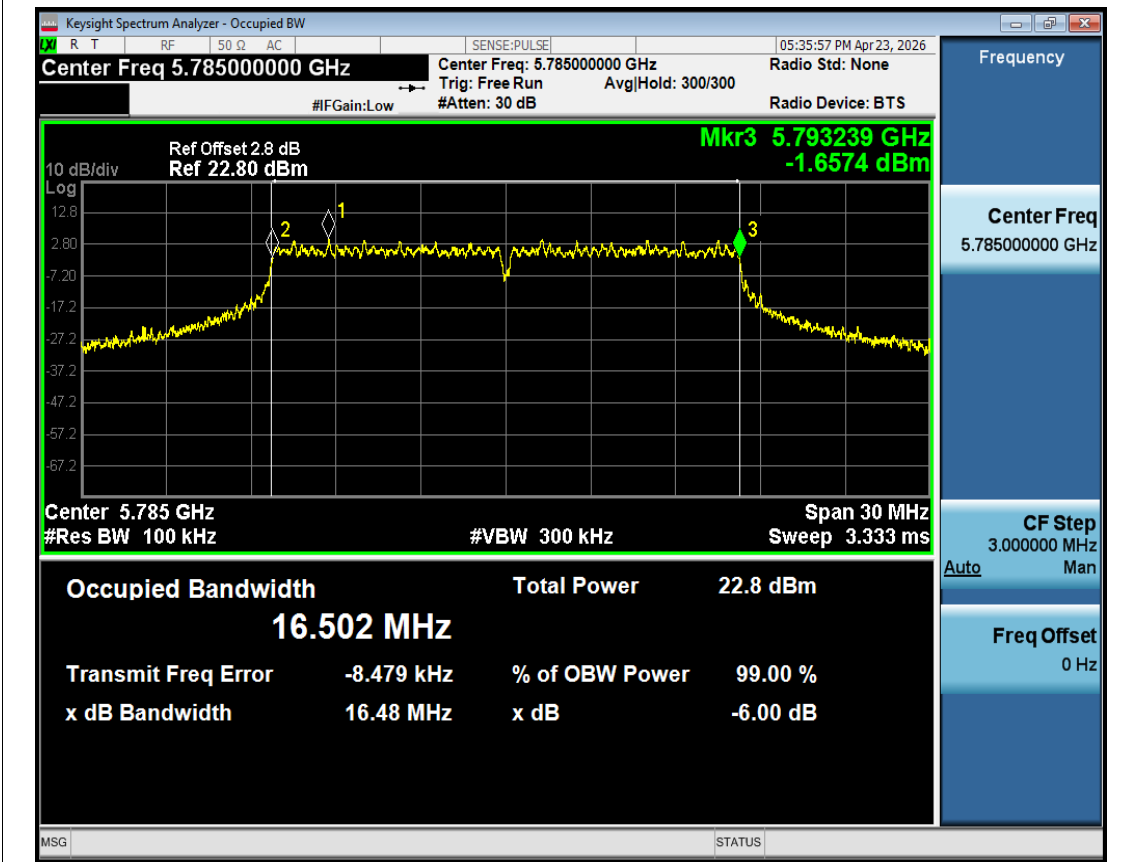
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	14.5	0.99	15.49	0.0354	30	Pass
NVNT	a	5785	Ant1	12.91	2.52	15.43	0.03491	30	Pass
NVNT	a	5825	Ant1	12.06	2.72	14.78	0.03006	30	Pass
NVNT	n20	5745	Ant1	14.11	0.48	14.59	0.02877	30	Pass
NVNT	n20	5785	Ant1	13.8	0.14	13.94	0.02477	30	Pass
NVNT	n20	5825	Ant1	12.74	0.18	12.92	0.01959	30	Pass
NVNT	n40	5755	Ant1	13.4	2.6	16	0.03981	30	Pass
NVNT	n40	5795	Ant1	12.65	2.49	15.14	0.03266	30	Pass
NVNT	ac20	5745	Ant1	14.73	0.15	14.88	0.03076	30	Pass
NVNT	ac20	5785	Ant1	14.1	0.14	14.24	0.02655	30	Pass
NVNT	ac20	5825	Ant1	13.26	0.19	13.45	0.02213	30	Pass
NVNT	ac40	5755	Ant1	12.36	2.75	15.11	0.03243	30	Pass
NVNT	ac40	5795	Ant1	12.01	3.38	15.39	0.03459	30	Pass
NVNT	ax20	5745	Ant1	14.67	0.31	14.98	0.03148	30	Pass
NVNT	ax20	5785	Ant1	13.95	0.58	14.53	0.02838	30	Pass
NVNT	ax20	5825	Ant1	13.2	0.19	13.39	0.02183	30	Pass
NVNT	ax40	5755	Ant1	13.01	2.85	15.86	0.03855	30	Pass
NVNT	ax40	5795	Ant1	12.74	2.85	15.59	0.03622	30	Pass

-6dB Bandwidth

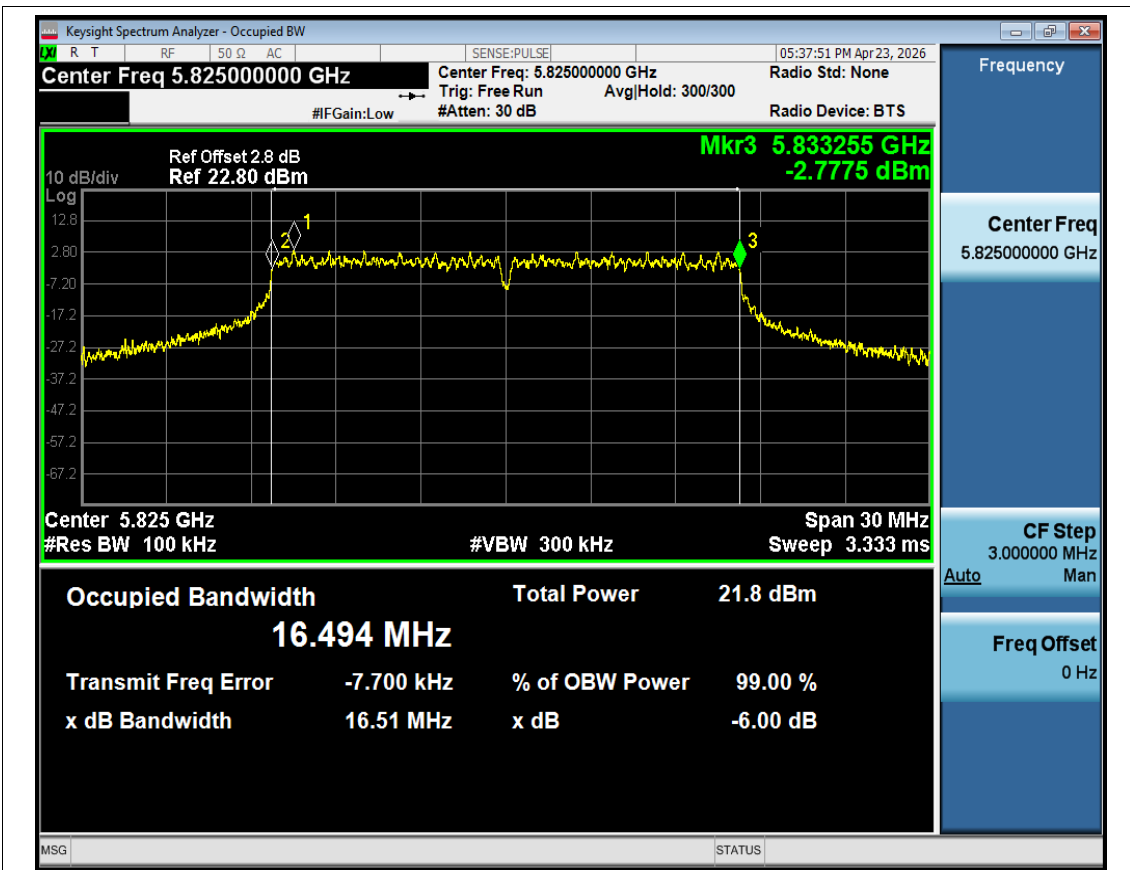
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.5	0.5	Pass
NVNT	a	5785	Ant1	16.48	0.5	Pass
NVNT	a	5825	Ant1	16.51	0.5	Pass
NVNT	n20	5745	Ant1	17.6	0.5	Pass
NVNT	n20	5785	Ant1	17.61	0.5	Pass
NVNT	n20	5825	Ant1	17.6	0.5	Pass
NVNT	n40	5755	Ant1	36.46	0.5	Pass
NVNT	n40	5795	Ant1	36.4	0.5	Pass
NVNT	ac20	5745	Ant1	17.61	0.5	Pass
NVNT	ac20	5785	Ant1	17.62	0.5	Pass
NVNT	ac20	5825	Ant1	17.62	0.5	Pass
NVNT	ac40	5755	Ant1	36.48	0.5	Pass
NVNT	ac40	5795	Ant1	36.41	0.5	Pass
NVNT	ax20	5745	Ant1	18.97	0.5	Pass
NVNT	ax20	5785	Ant1	19.04	0.5	Pass
NVNT	ax20	5825	Ant1	19.05	0.5	Pass
NVNT	ax40	5755	Ant1	38.05	0.5	Pass
NVNT	ax40	5795	Ant1	38.11	0.5	Pass



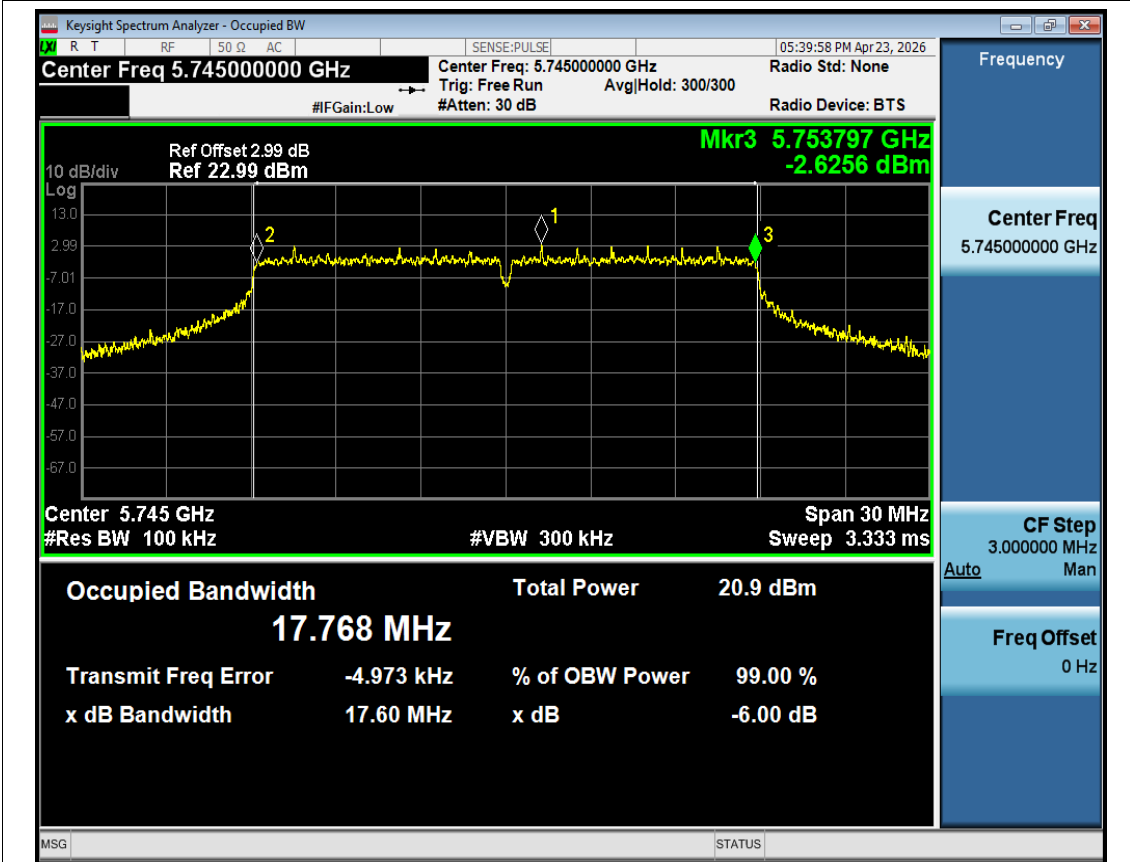
-6dB Bandwidth NVNT a 5745MHz Ant1



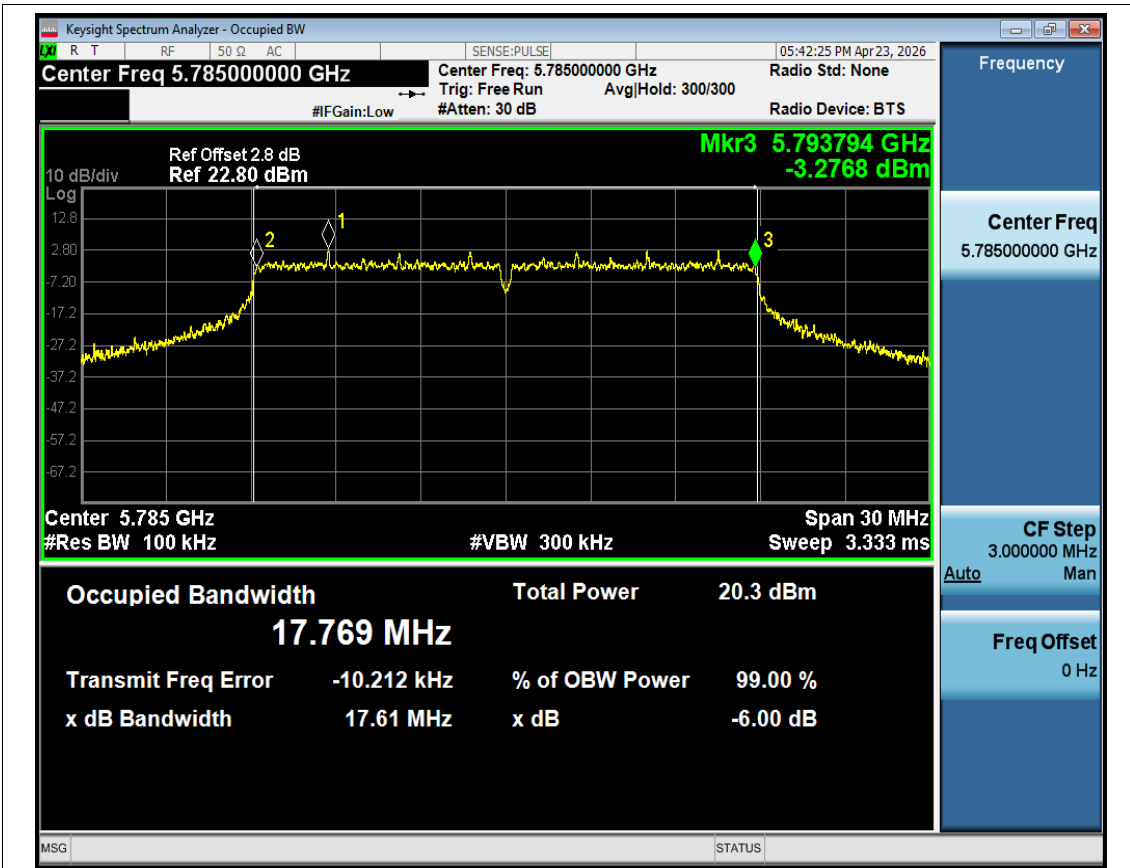
-6dB Bandwidth NVNT a 5785MHz Ant1



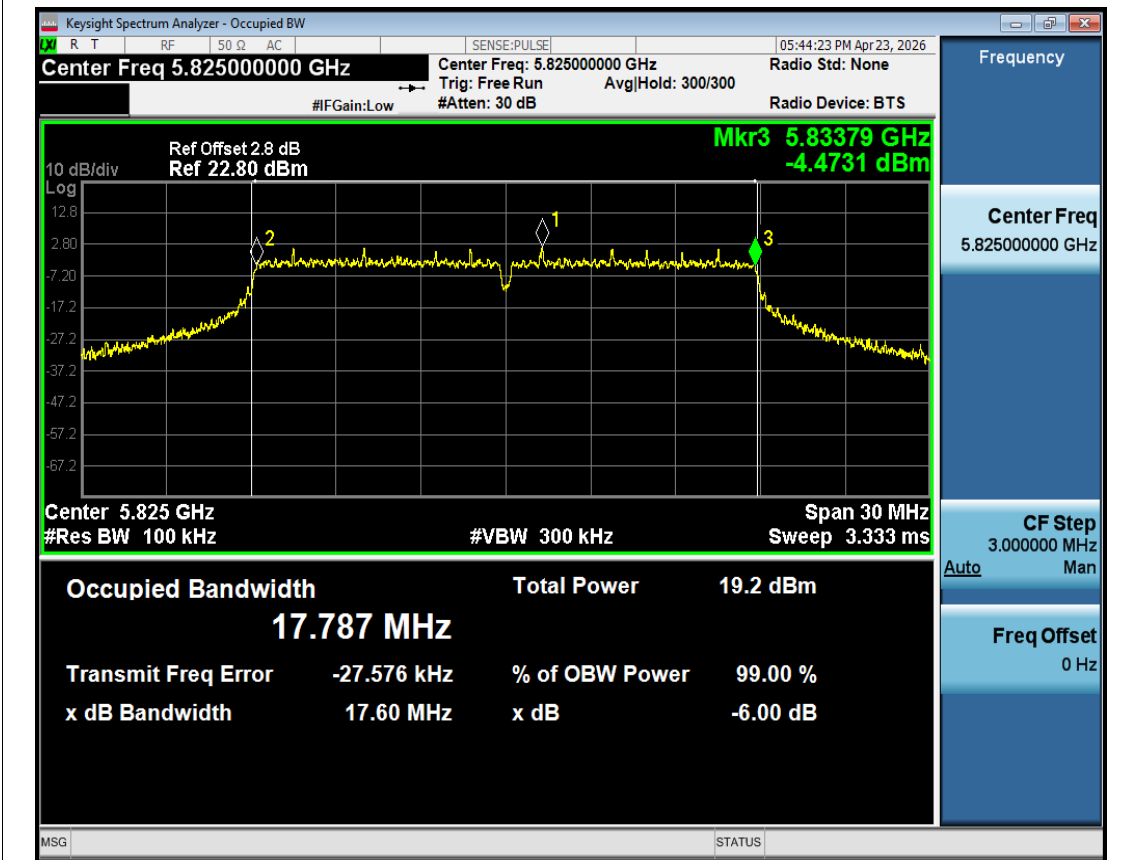
-6dB Bandwidth NVNT a 5825MHz Ant1



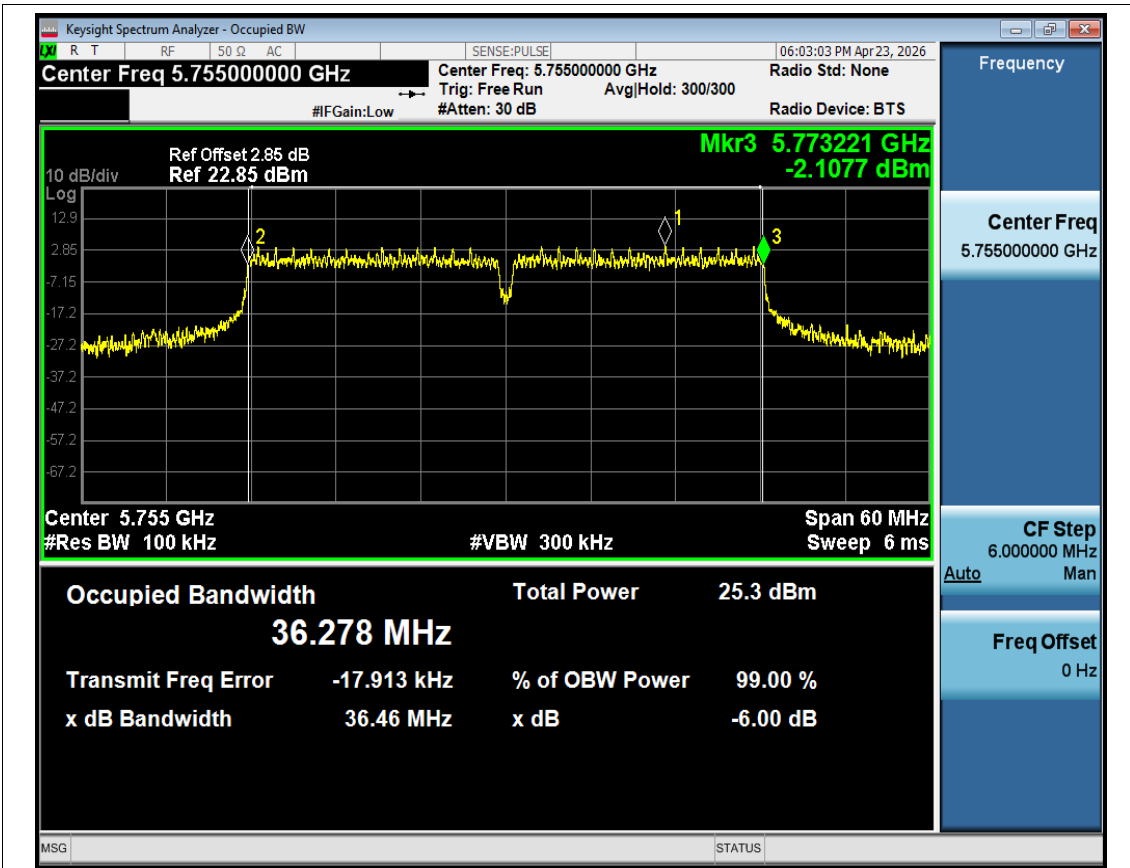
-6dB Bandwidth NVNT n20 5745MHz Ant1



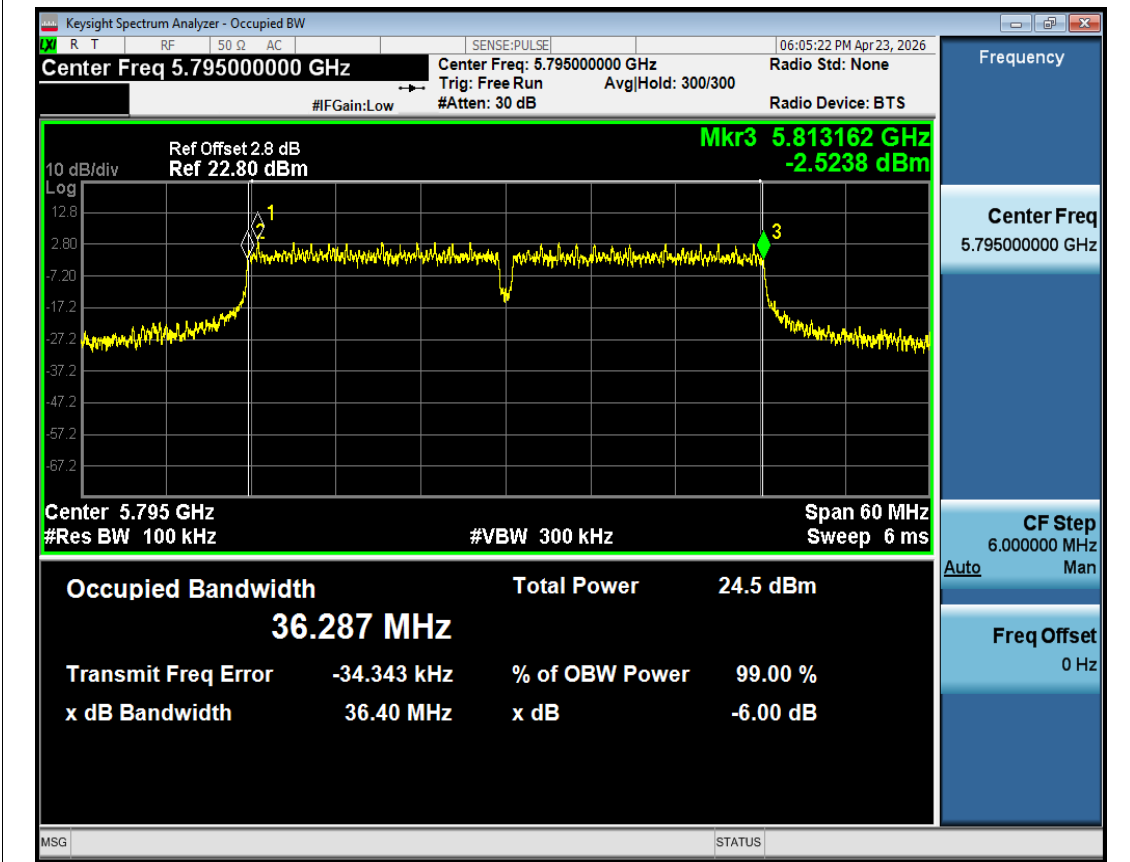
-6dB Bandwidth NVNT n20 5785MHz Ant1



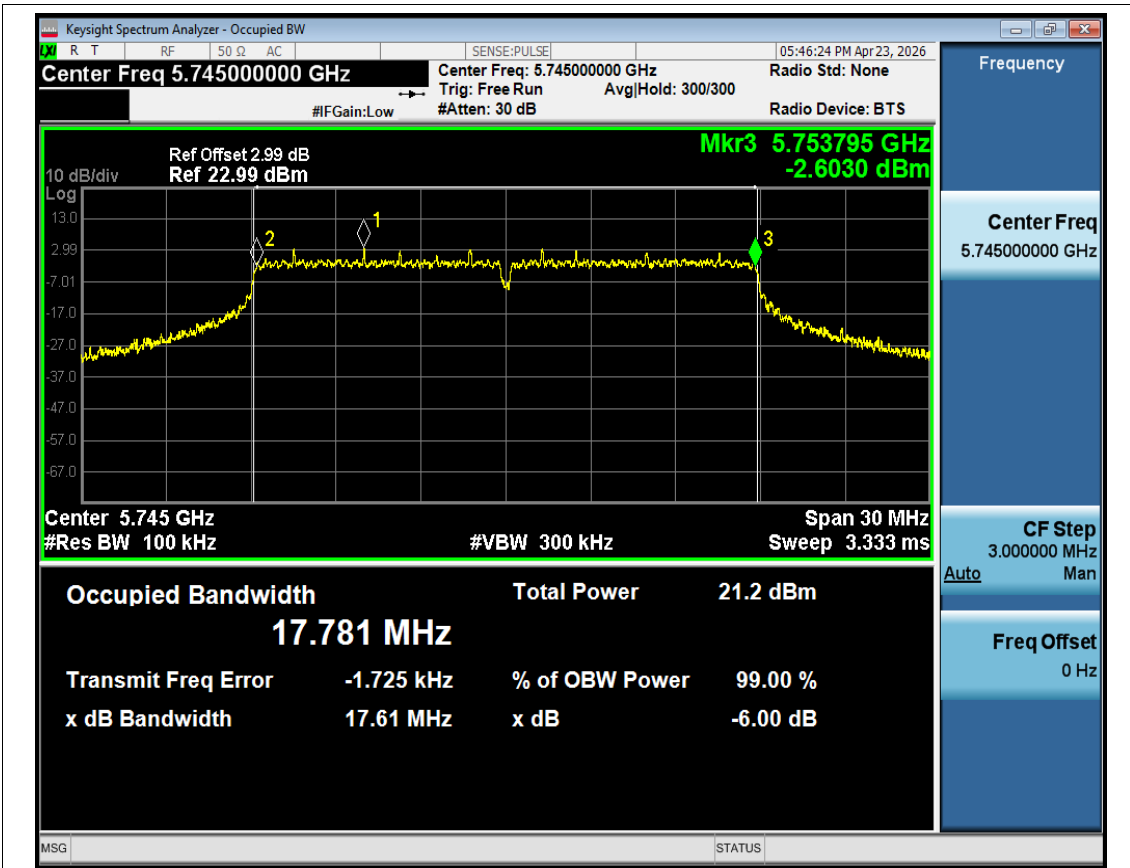
-6dB Bandwidth NVNT n20 5825MHz Ant1



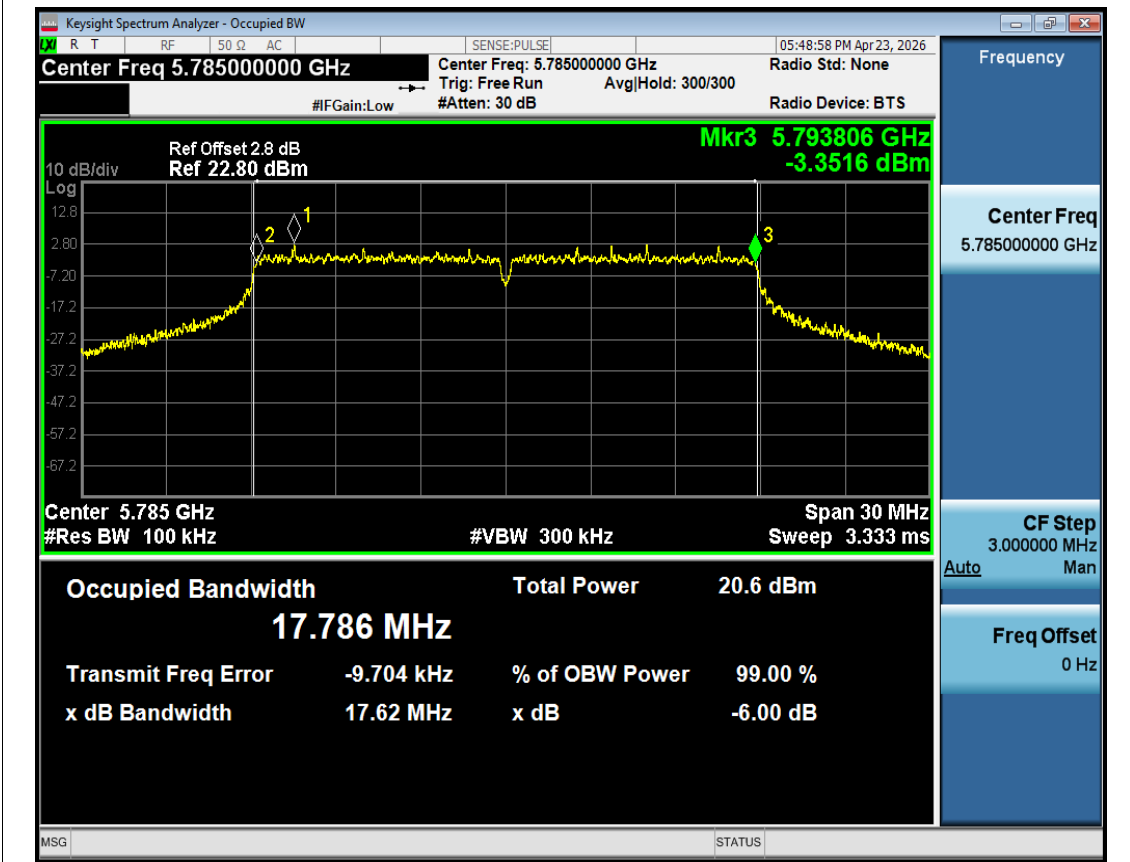
-6dB Bandwidth NVNT n40 5755MHz Ant1



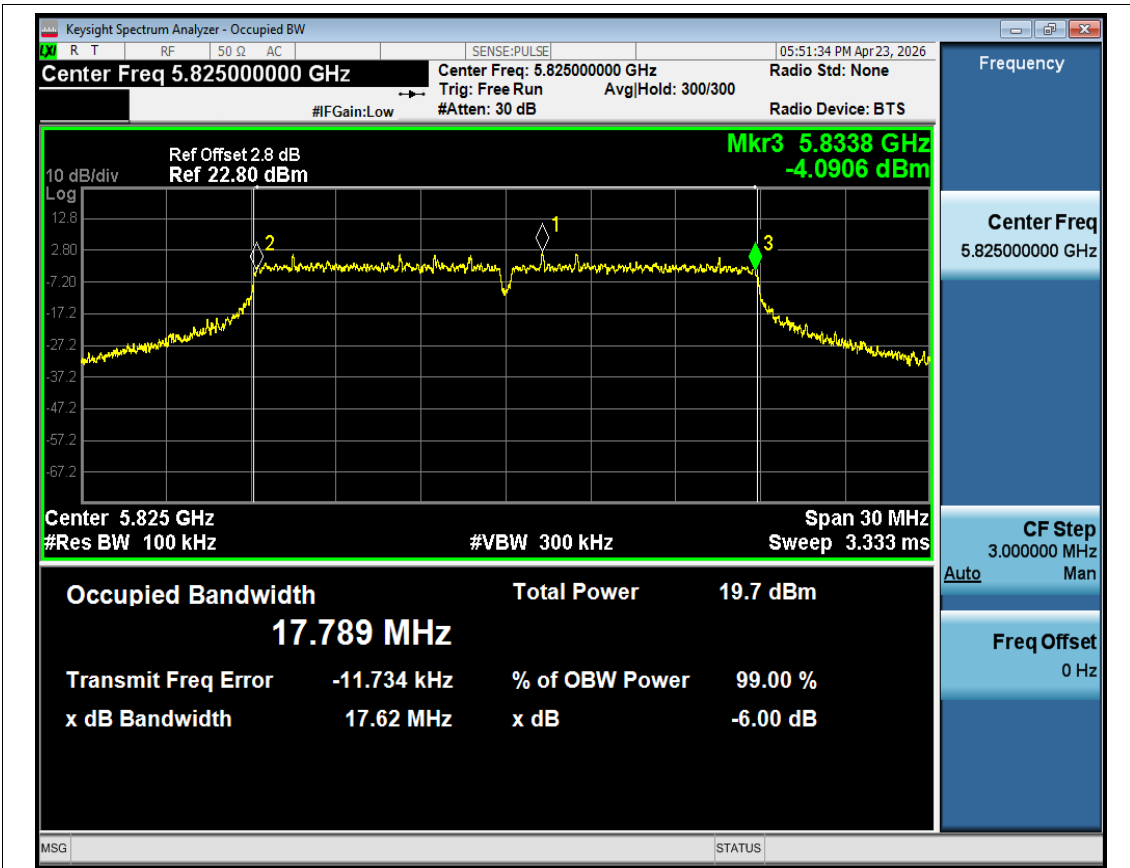
-6dB Bandwidth NVNT n40 5795MHz Ant1



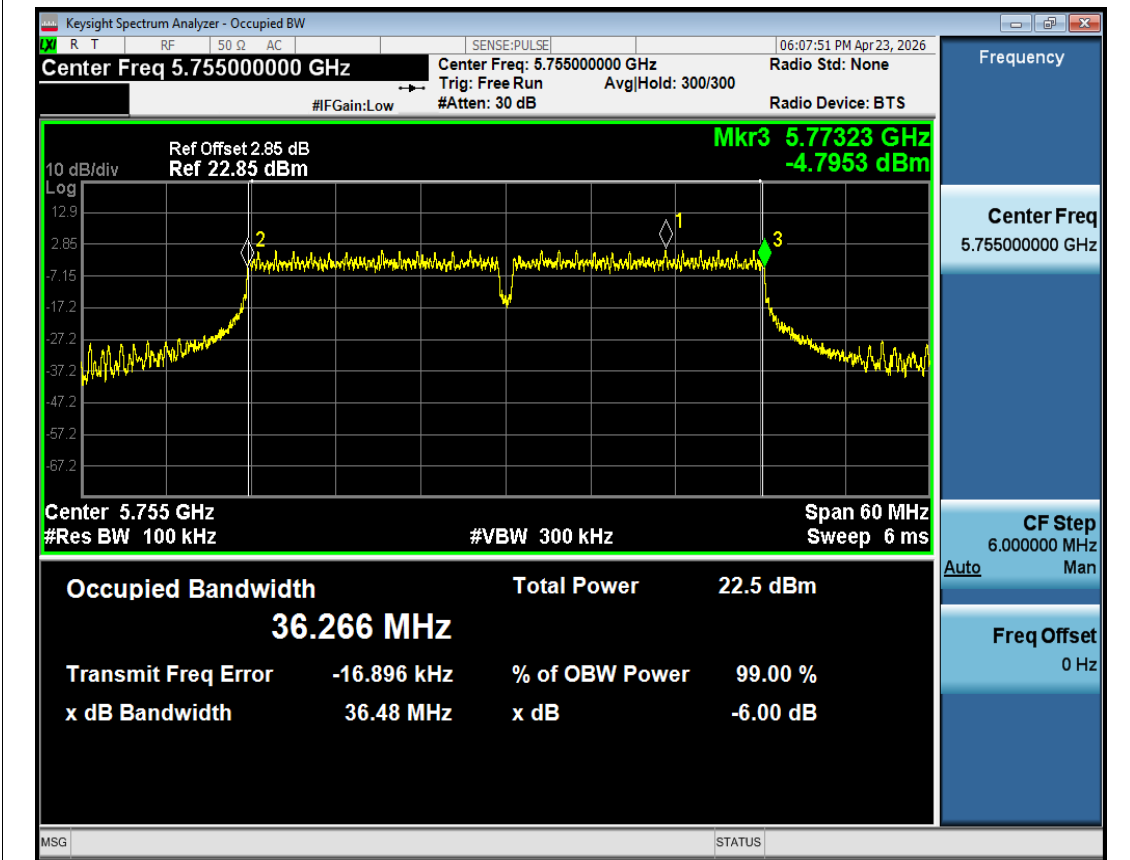
-6dB Bandwidth NVNT ac20 5745MHz Ant1



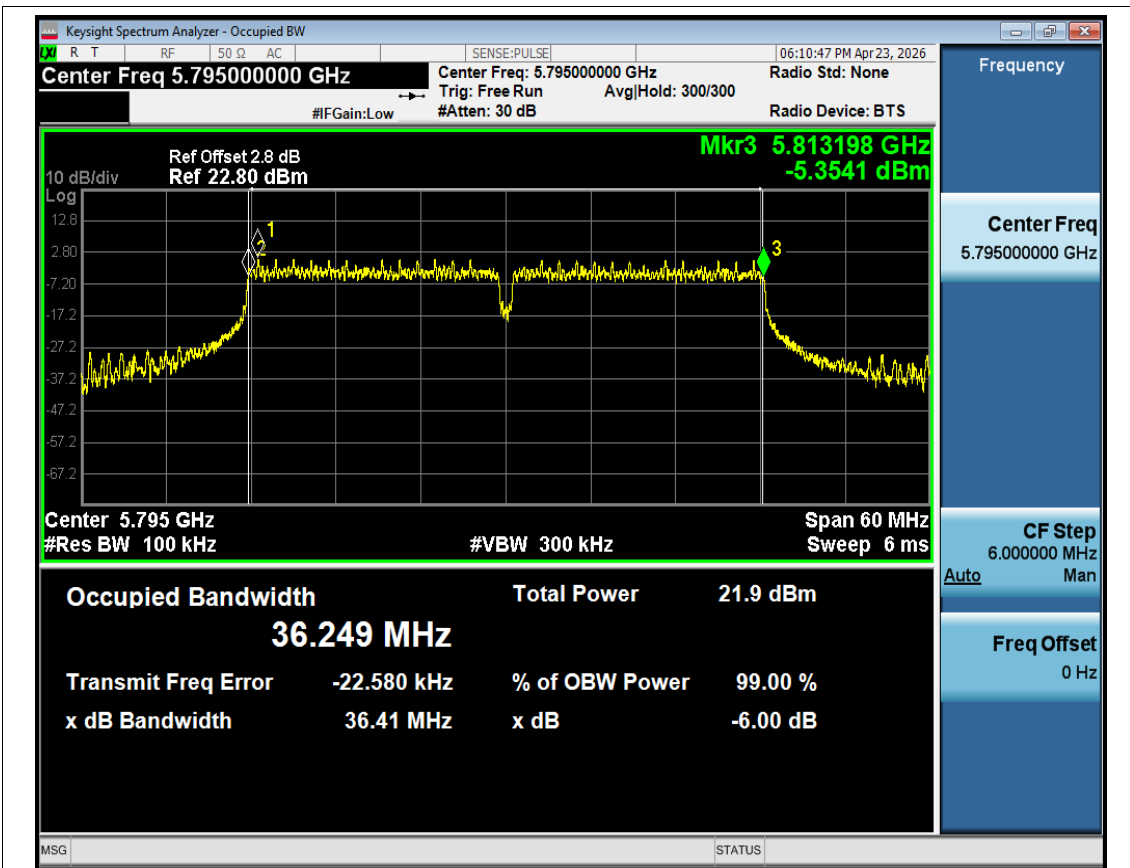
-6dB Bandwidth NVNT ac20 5785MHz Ant1



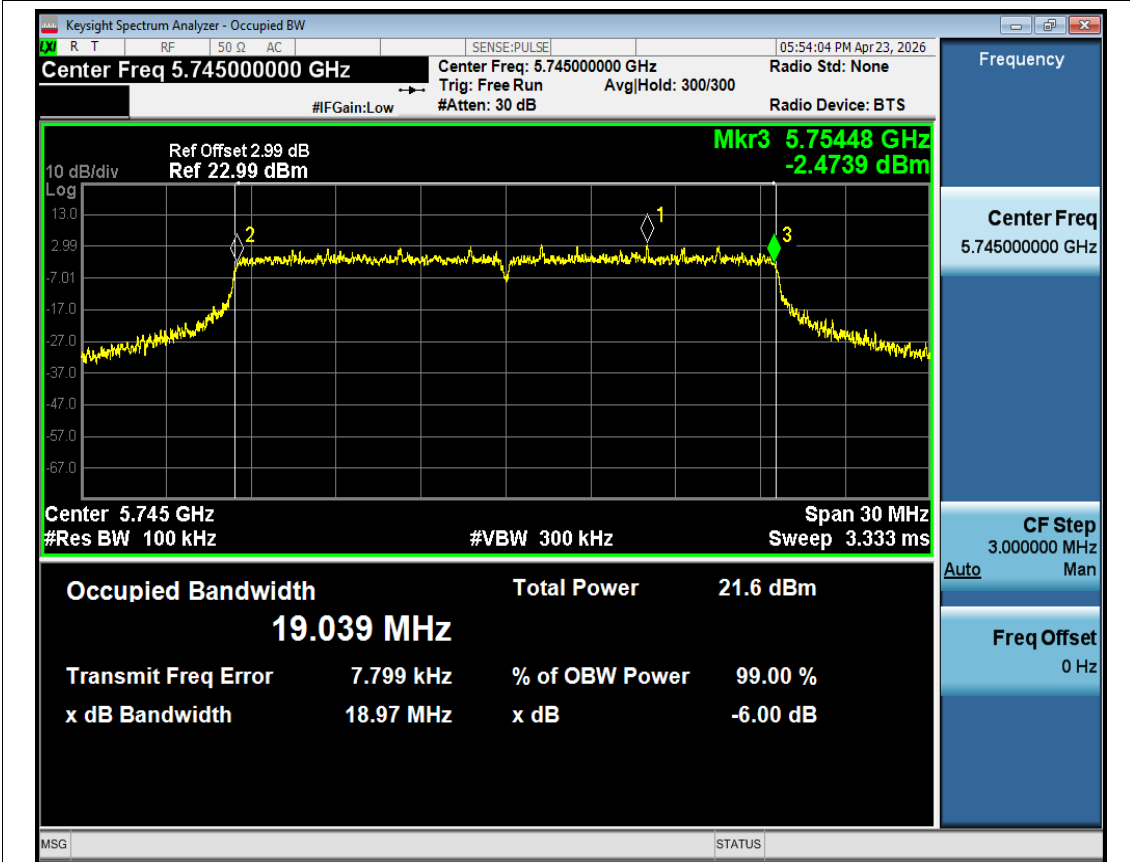
-6dB Bandwidth NVNT ac20 5825MHz Ant1



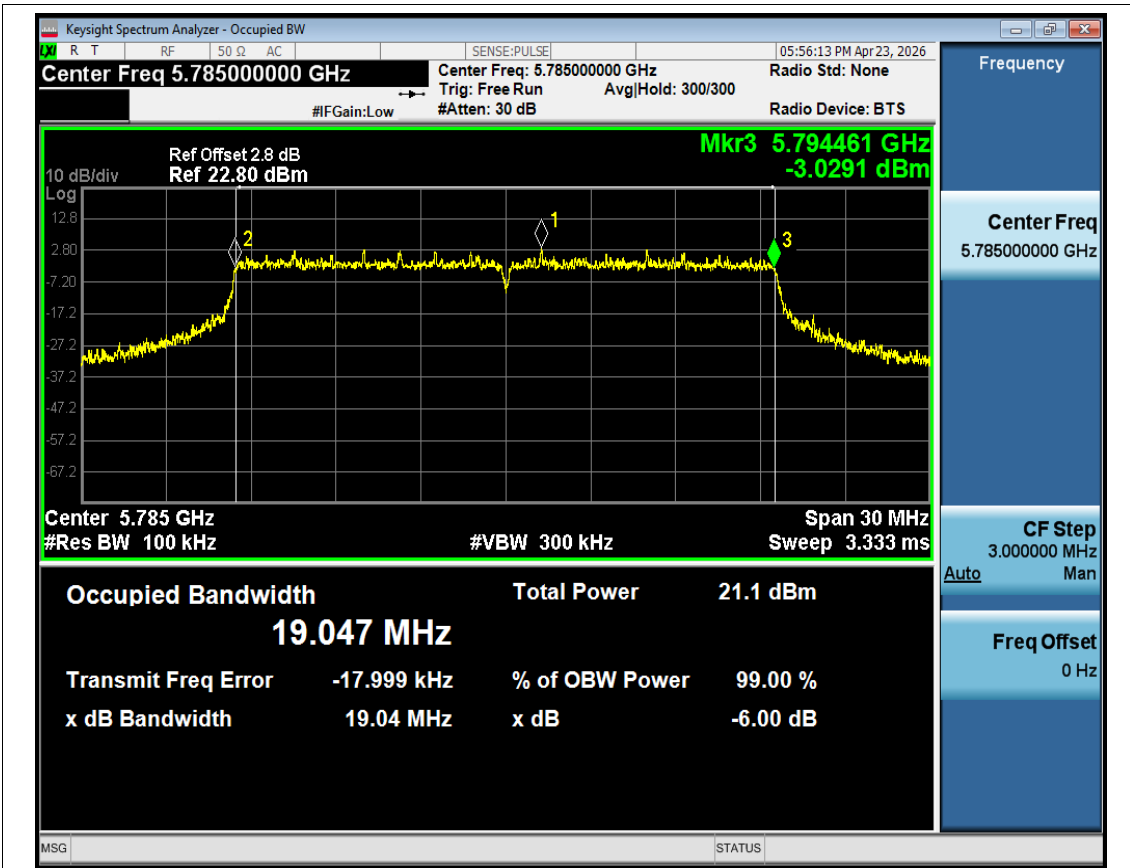
-6dB Bandwidth NVNT ac40 5755MHz Ant1



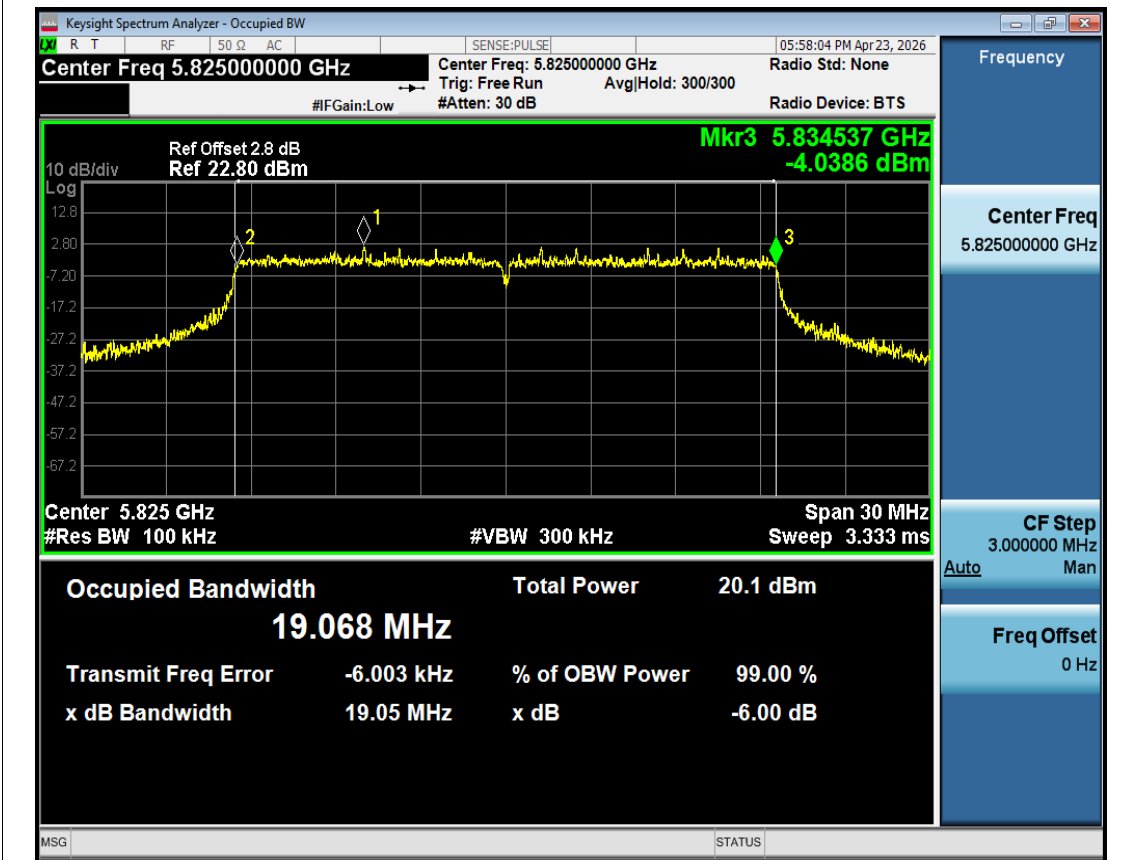
-6dB Bandwidth NVNT ac40 5795MHz Ant1



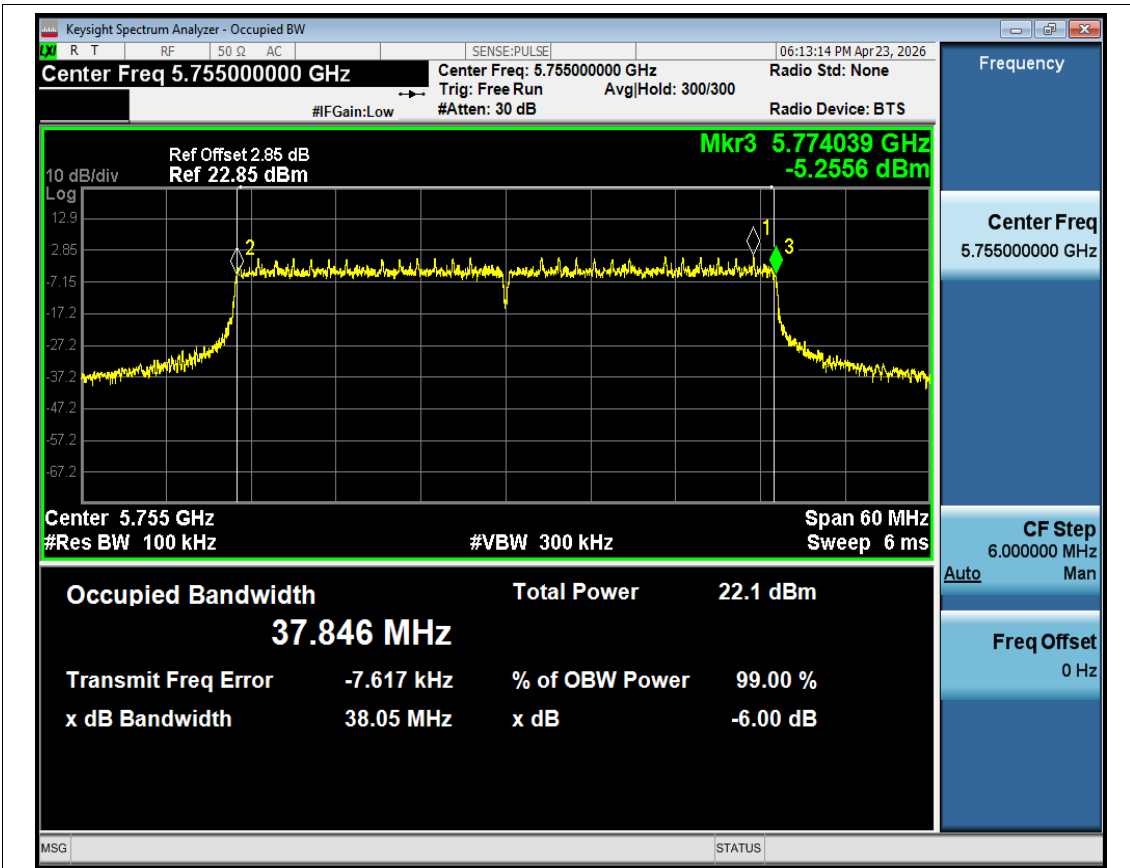
-6dB Bandwidth NVNT ax20 5745MHz Ant1



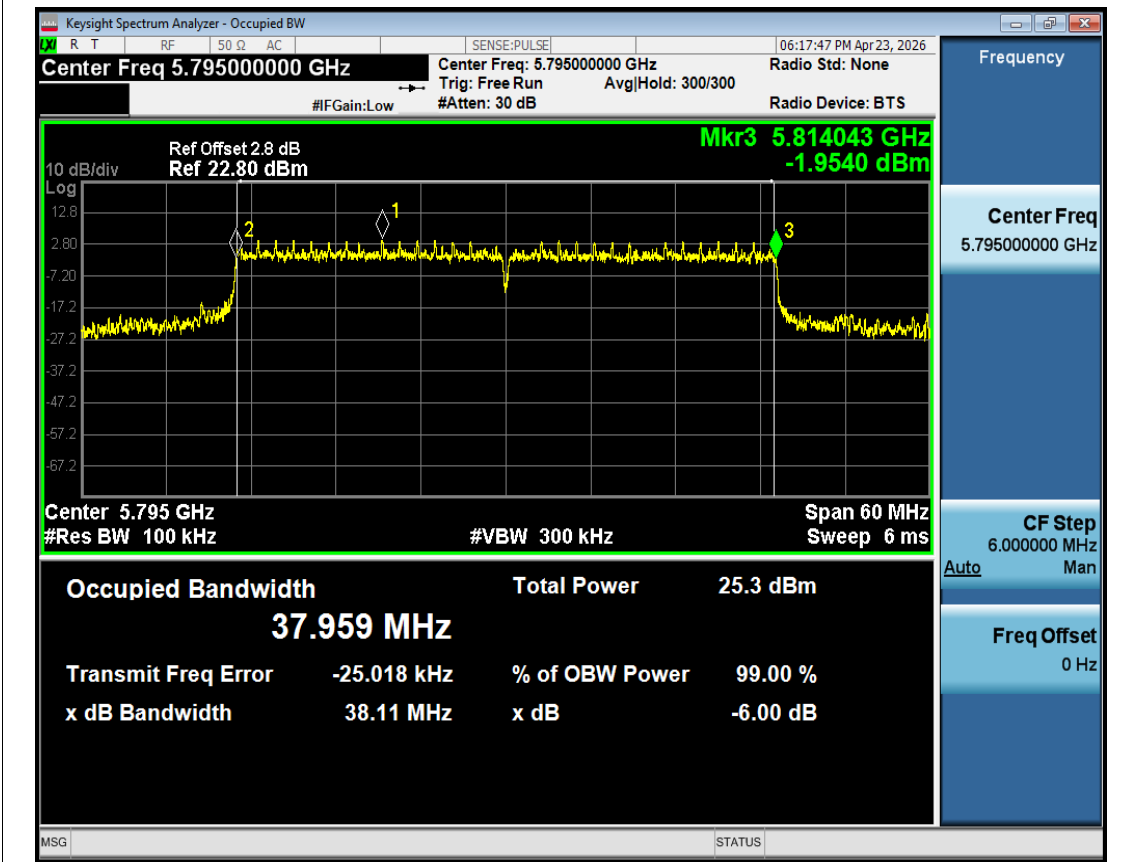
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



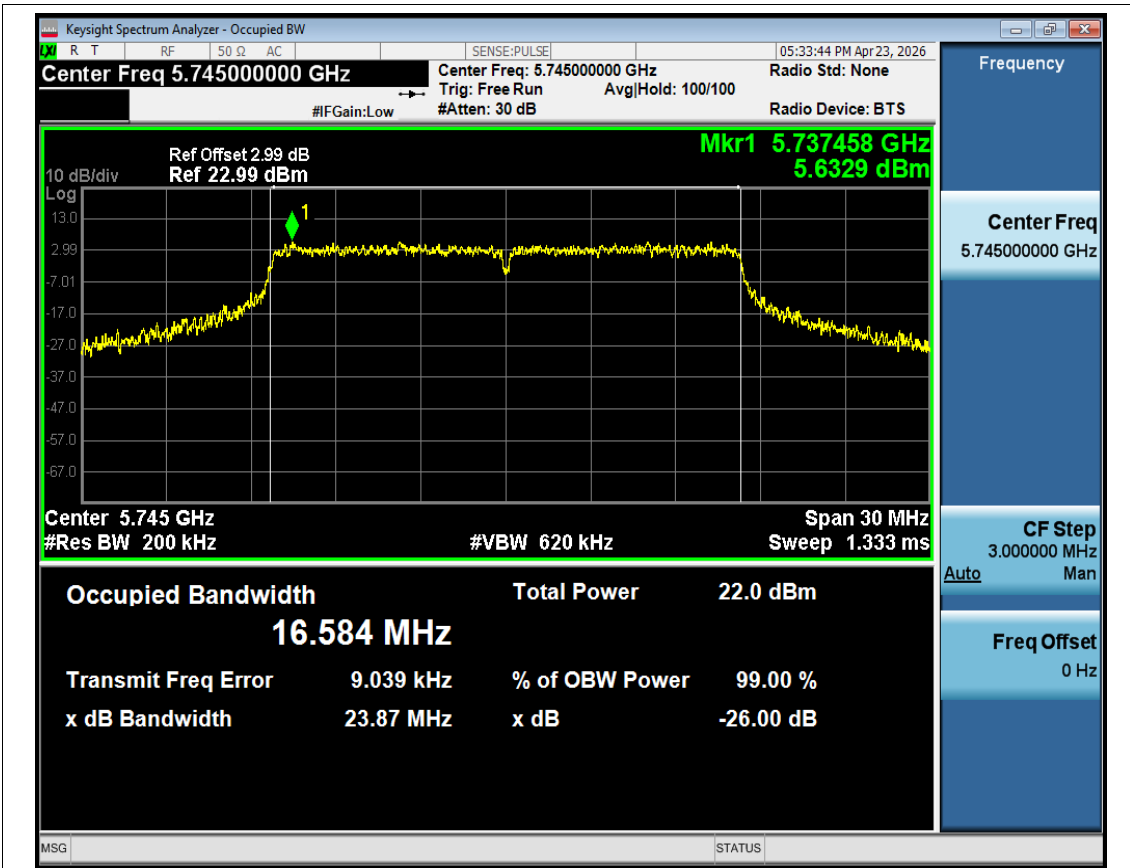
-6dB Bandwidth NVNT ax40 5755MHz Ant1



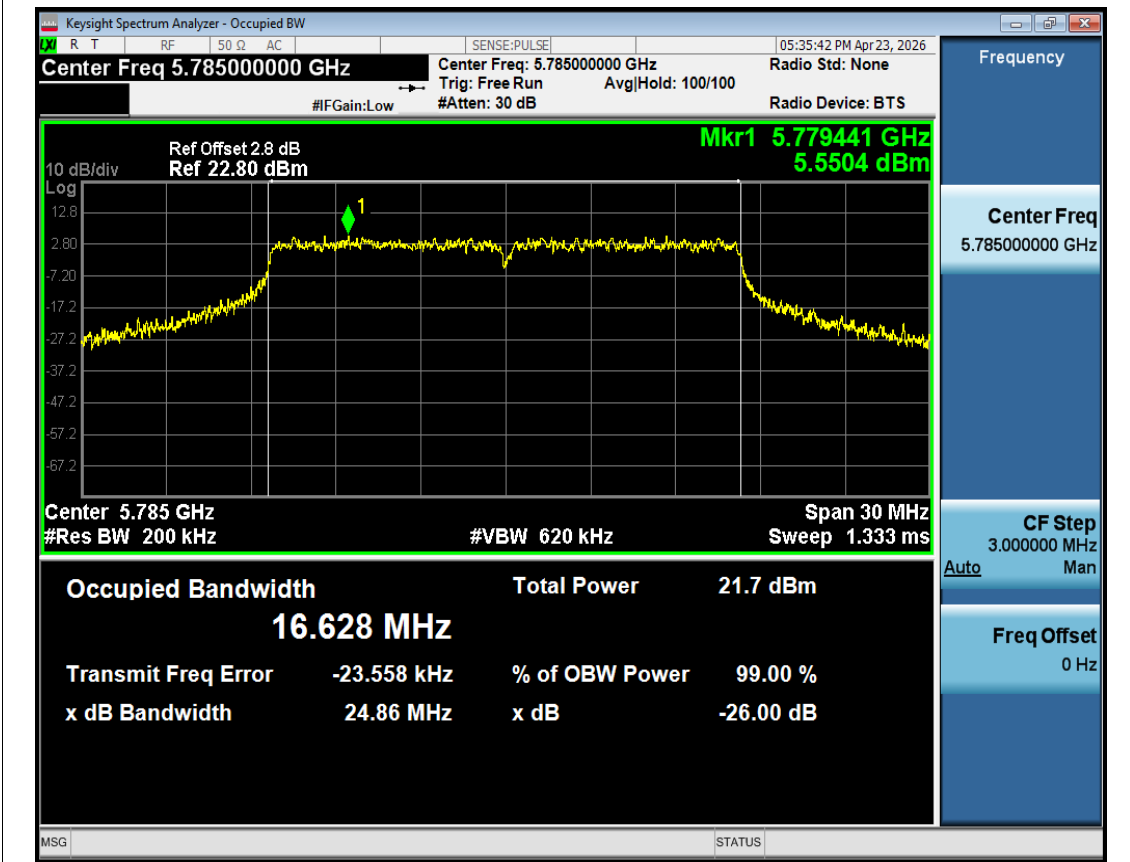
-6dB Bandwidth NVNT ax40 5795MHz Ant1

Occupied Channel Bandwidth

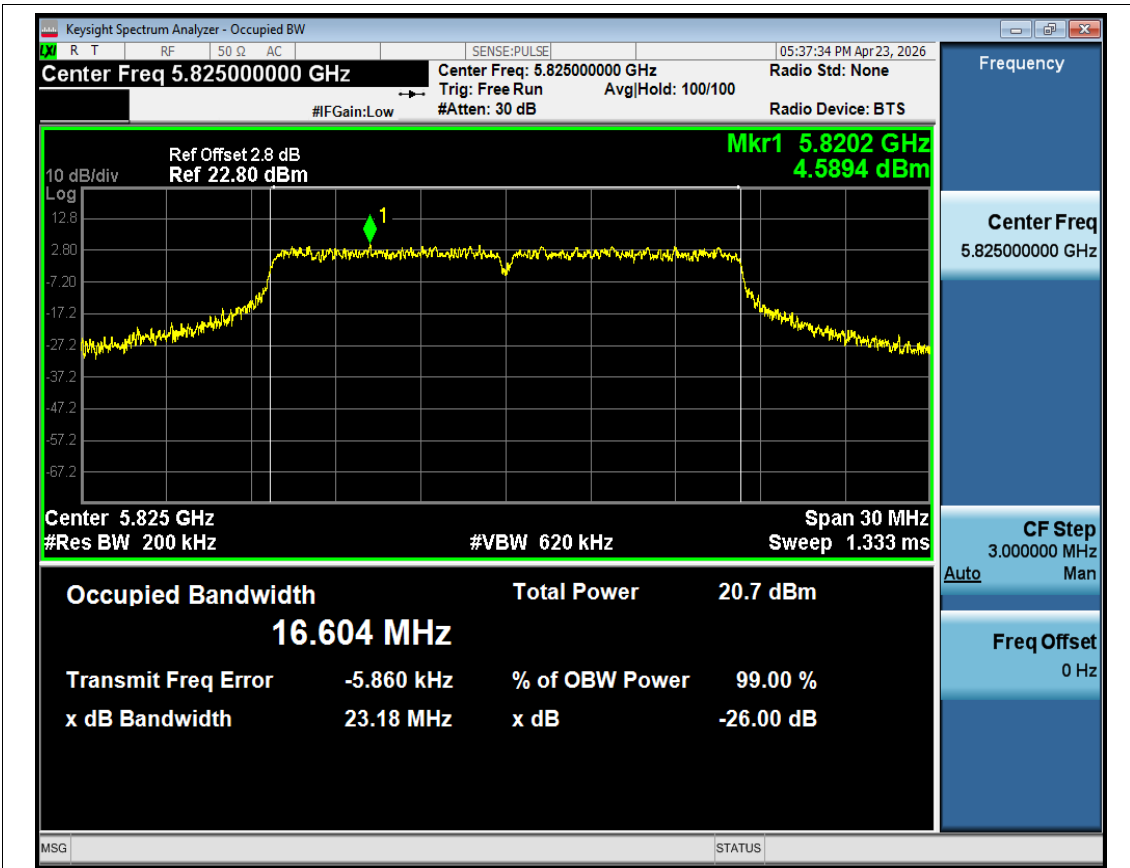
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.584
NVNT	a	5785	Ant1	16.628
NVNT	a	5825	Ant1	16.604
NVNT	n20	5745	Ant1	17.94
NVNT	n20	5785	Ant1	17.954
NVNT	n20	5825	Ant1	17.951
NVNT	n40	5755	Ant1	36.61
NVNT	n40	5795	Ant1	36.661
NVNT	ac20	5745	Ant1	17.94
NVNT	ac20	5785	Ant1	17.956
NVNT	ac20	5825	Ant1	17.956
NVNT	ac40	5755	Ant1	36.489
NVNT	ac40	5795	Ant1	36.461
NVNT	ax20	5745	Ant1	19.077
NVNT	ax20	5785	Ant1	19.143
NVNT	ax20	5825	Ant1	19.051
NVNT	ax40	5755	Ant1	37.916
NVNT	ax40	5795	Ant1	38.152



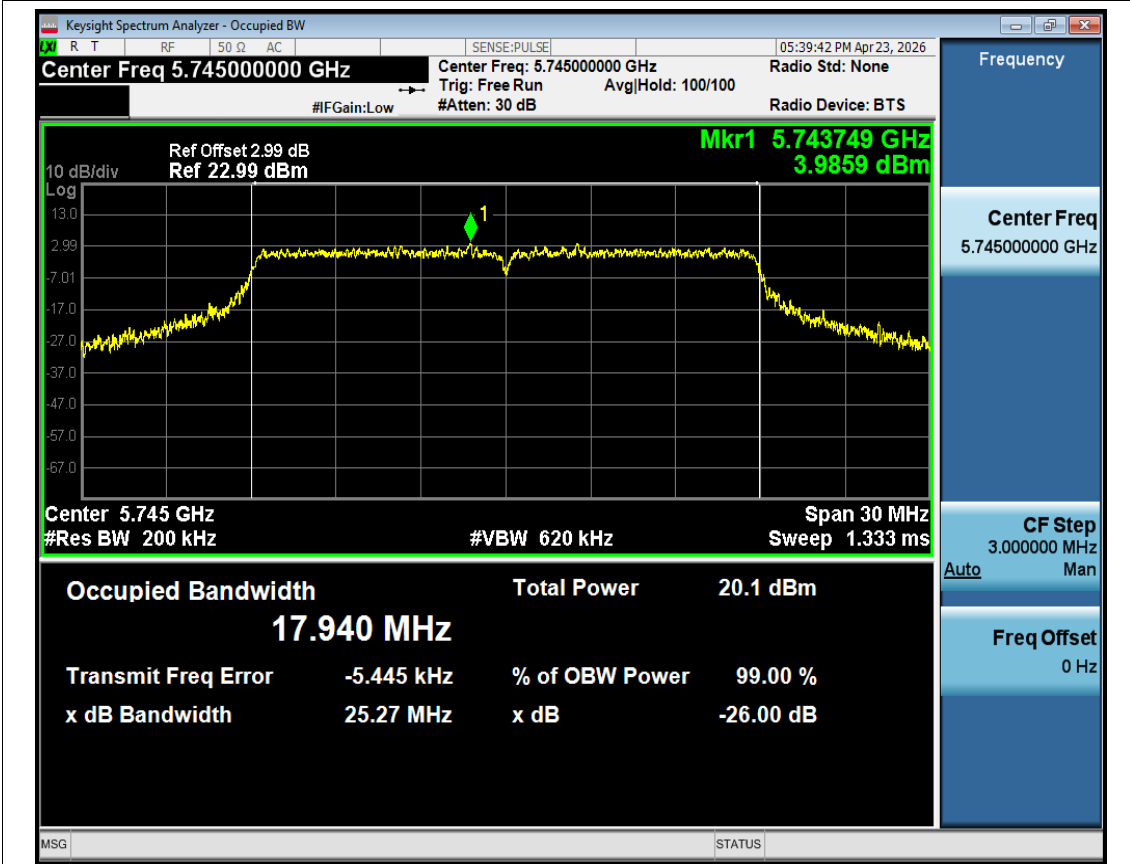
OBW NVNT a 5745MHz Ant1



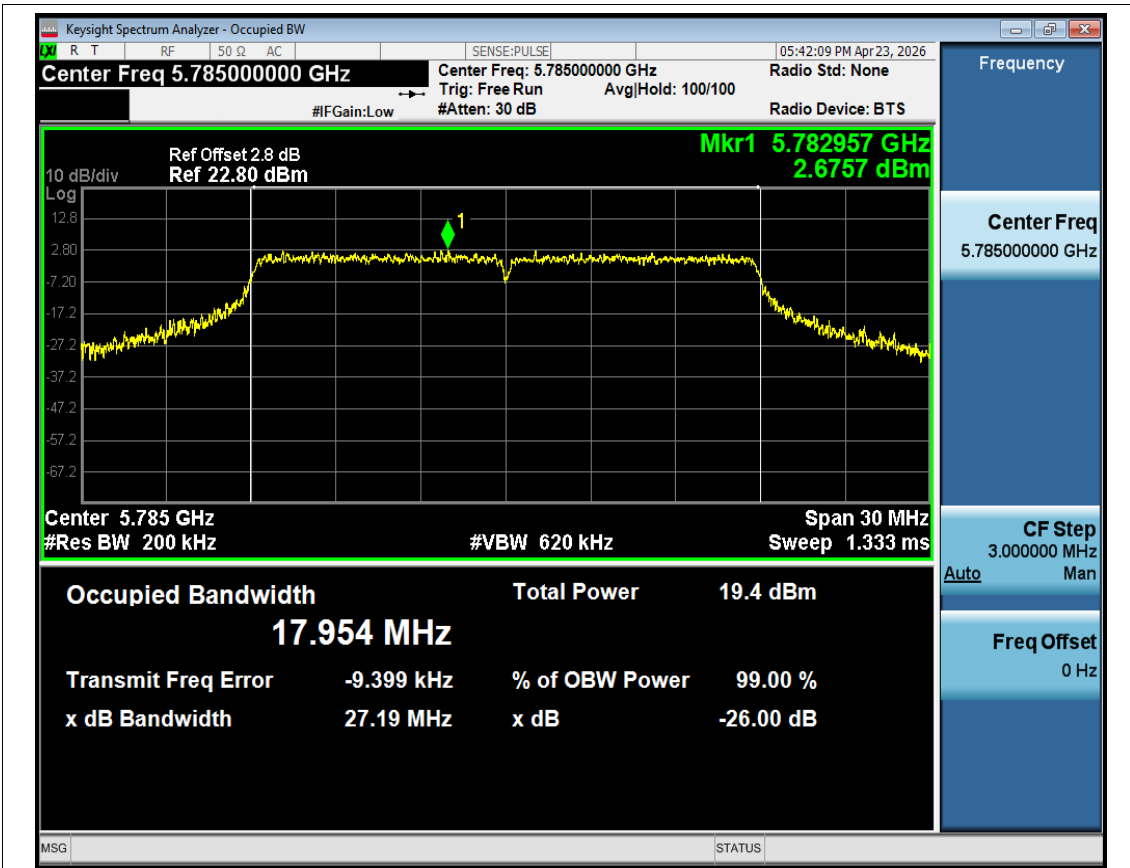
OBW NVNT a 5785MHz Ant1



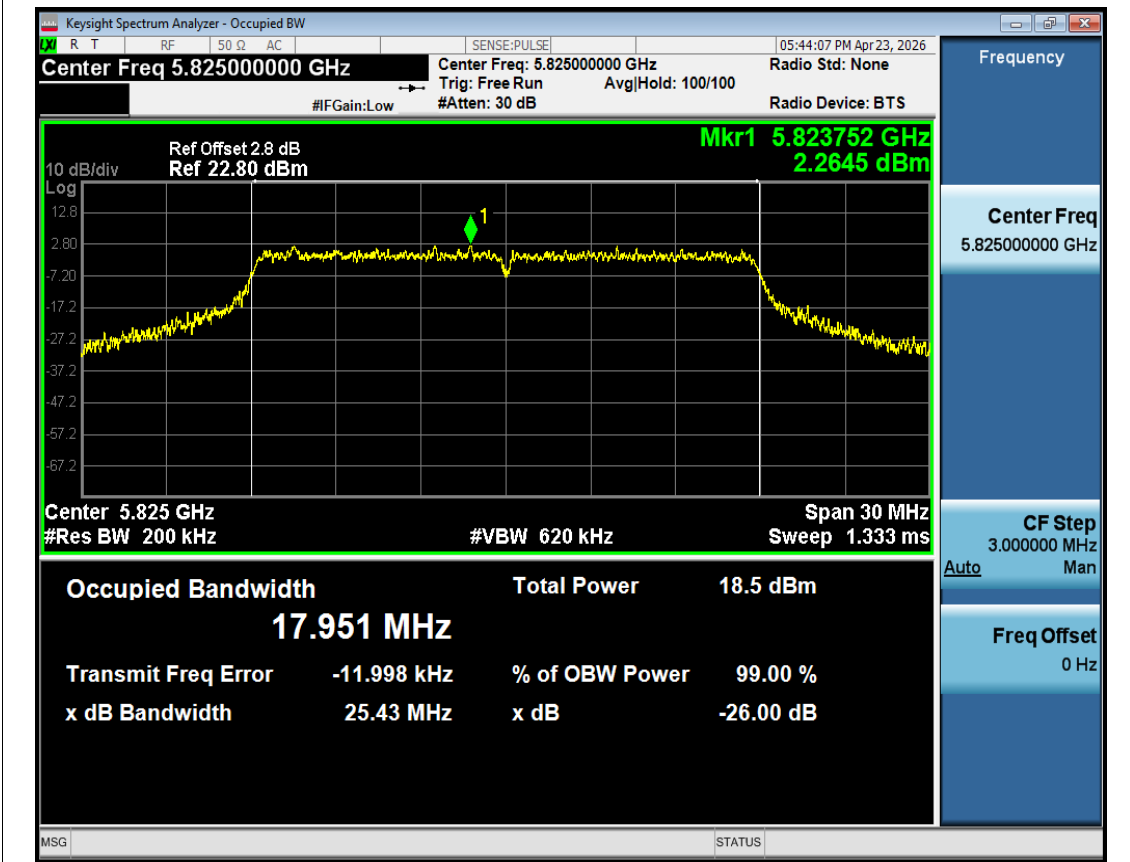
OBW NVNT a 5825MHz Ant1



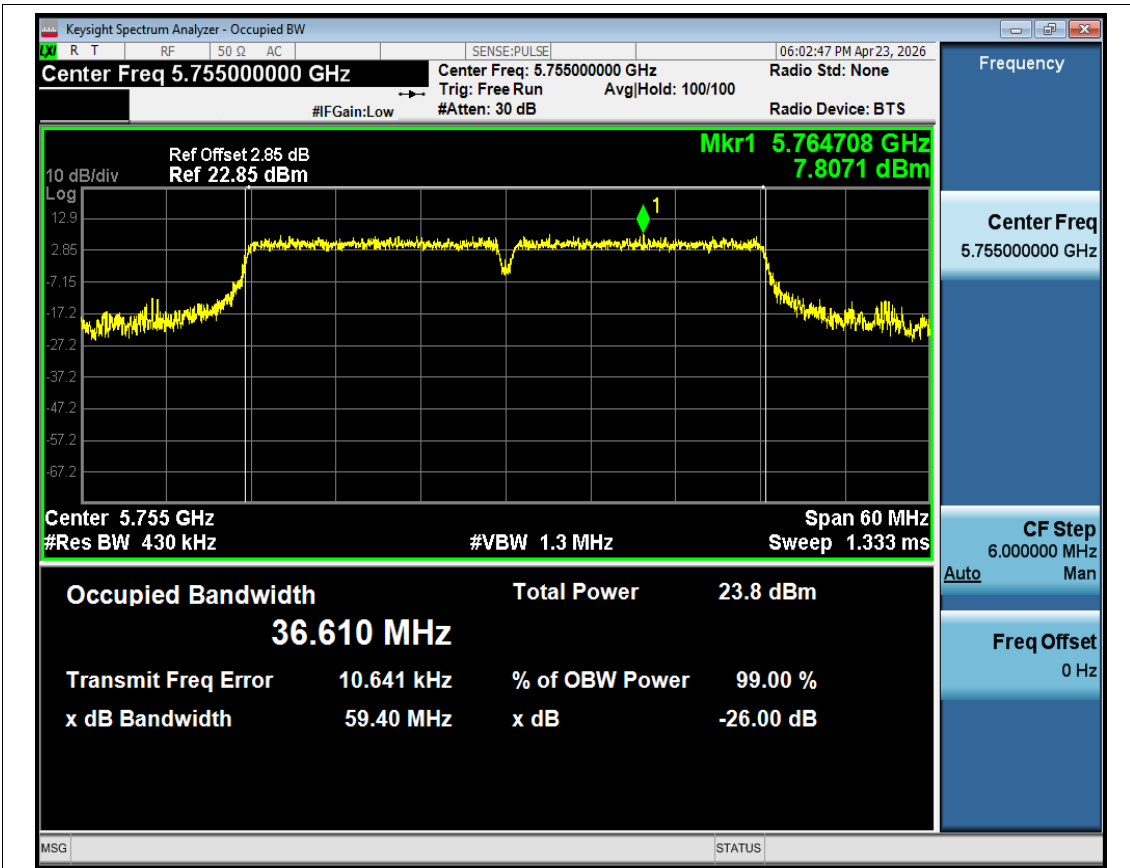
OBW NVNT n20 5745MHz Ant1



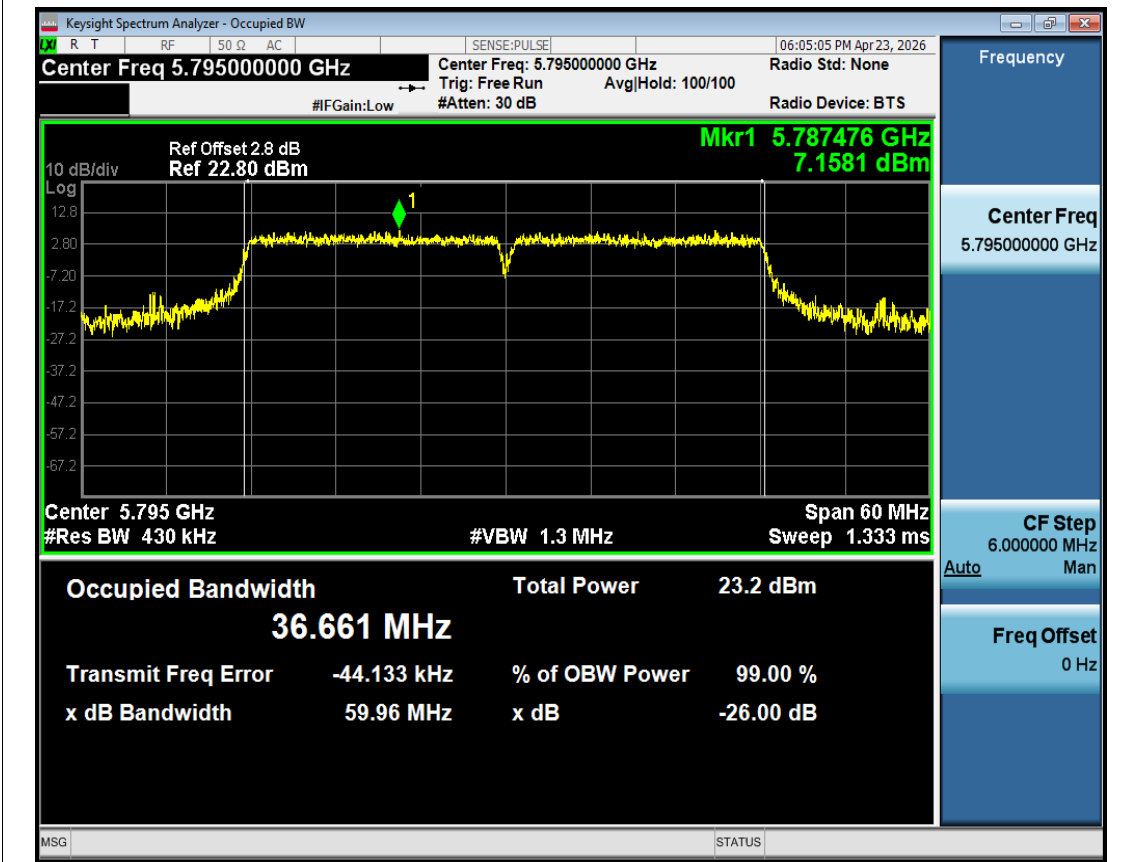
OBW NVNT n20 5785MHz Ant1



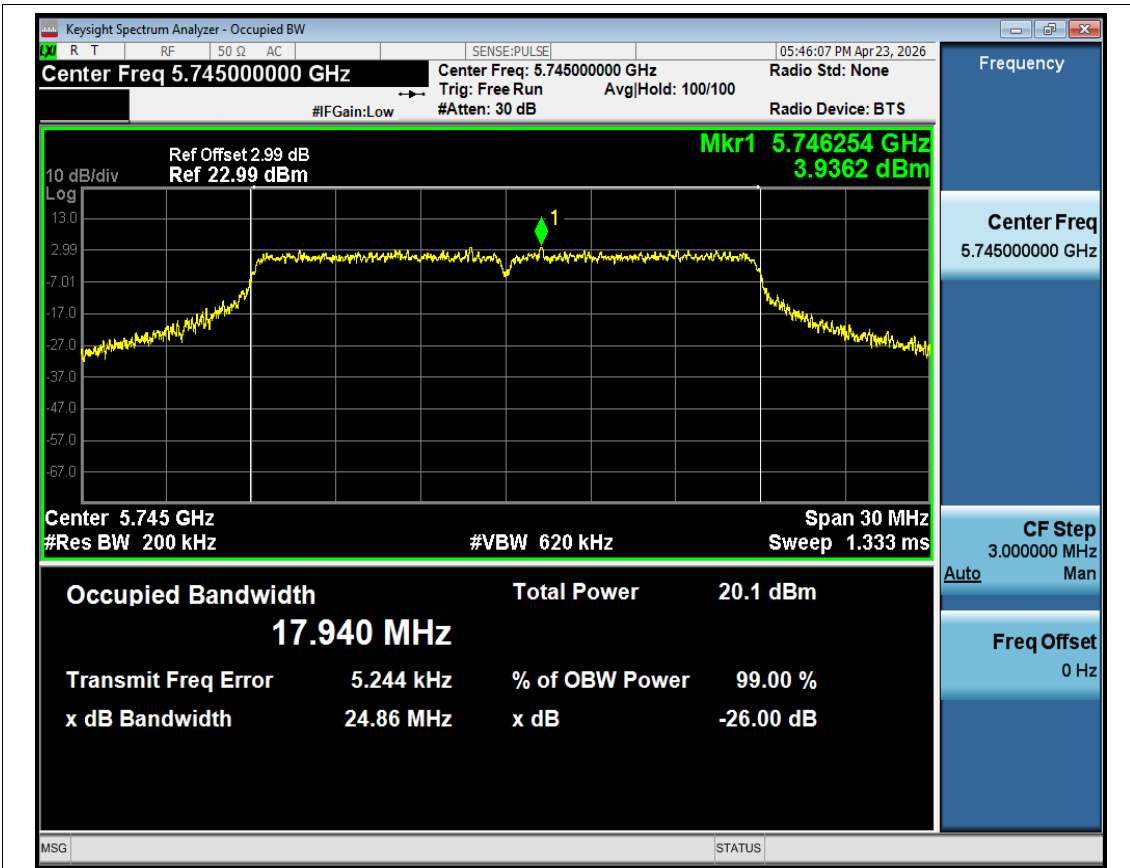
OBW NVNT n20 5825MHz Ant1



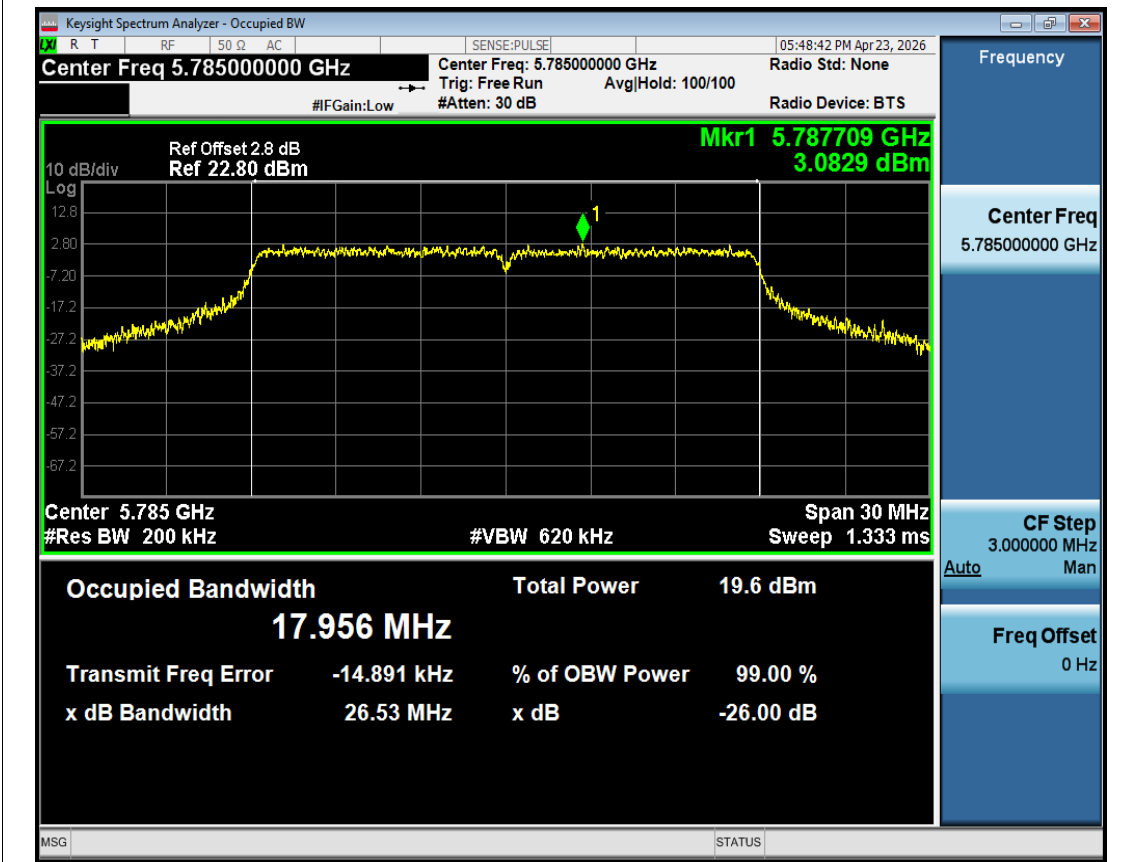
OBW NVNT n40 5755MHz Ant1



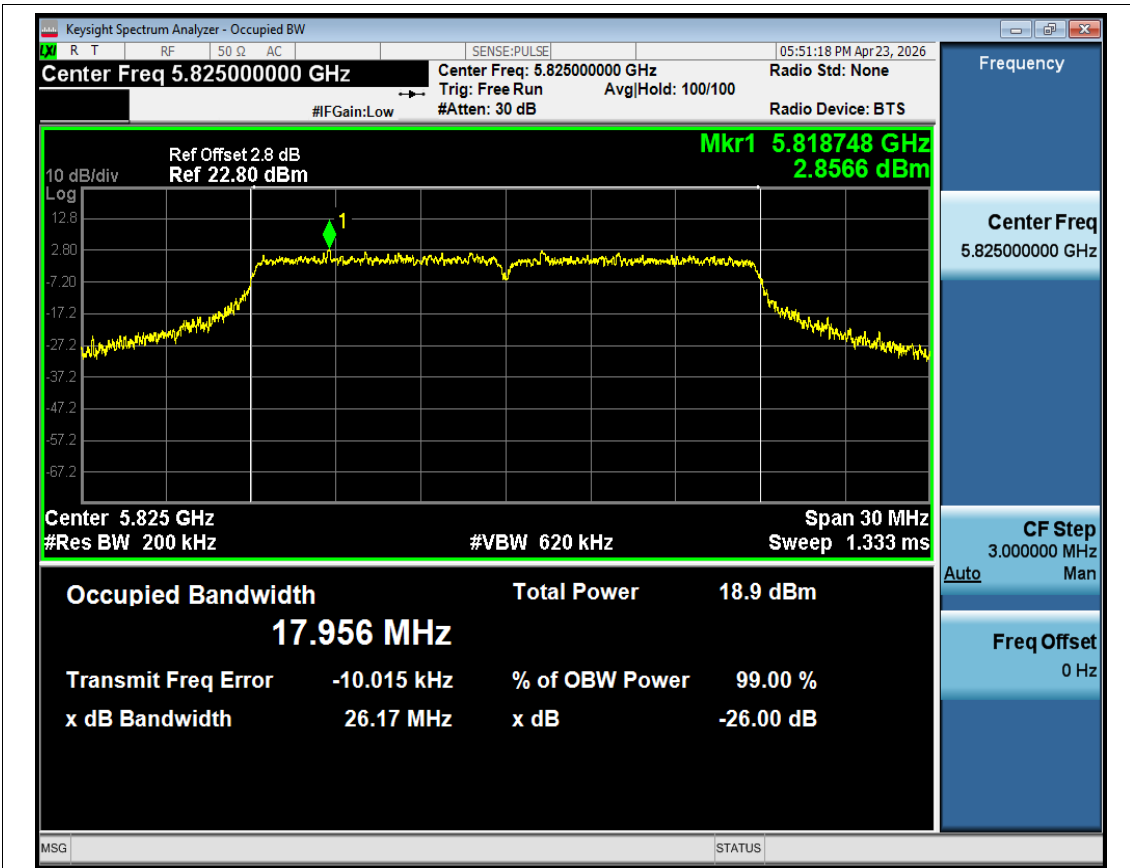
OBW NVNT n40 5795MHz Ant1



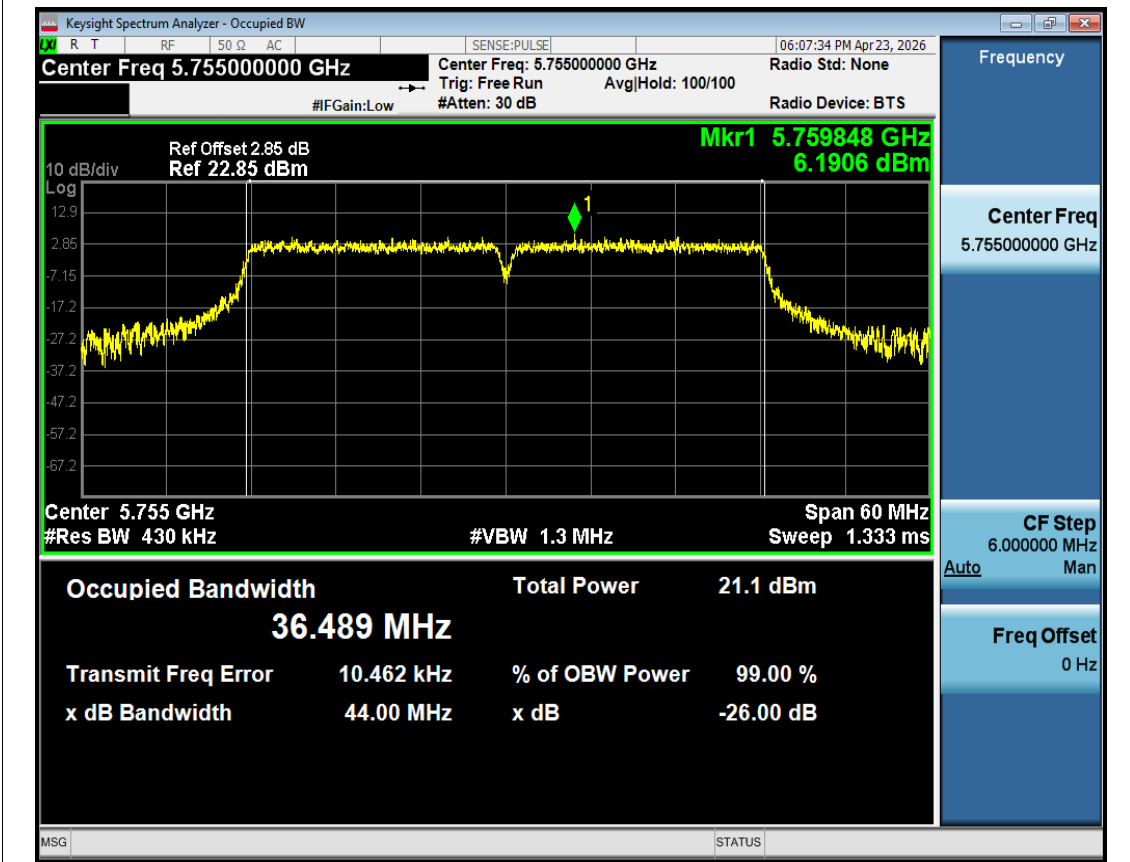
OBW NVNT ac20 5745MHz Ant1



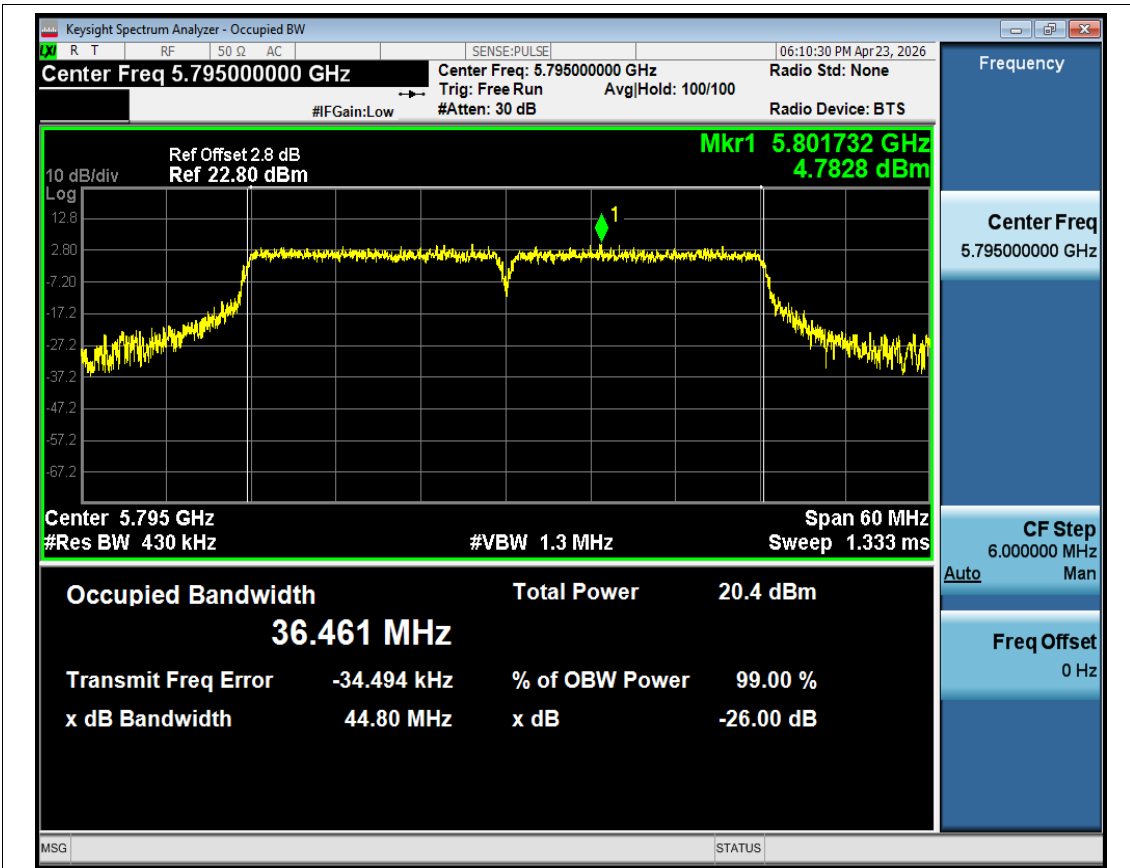
OBW NVNT ac20 5785MHz Ant1



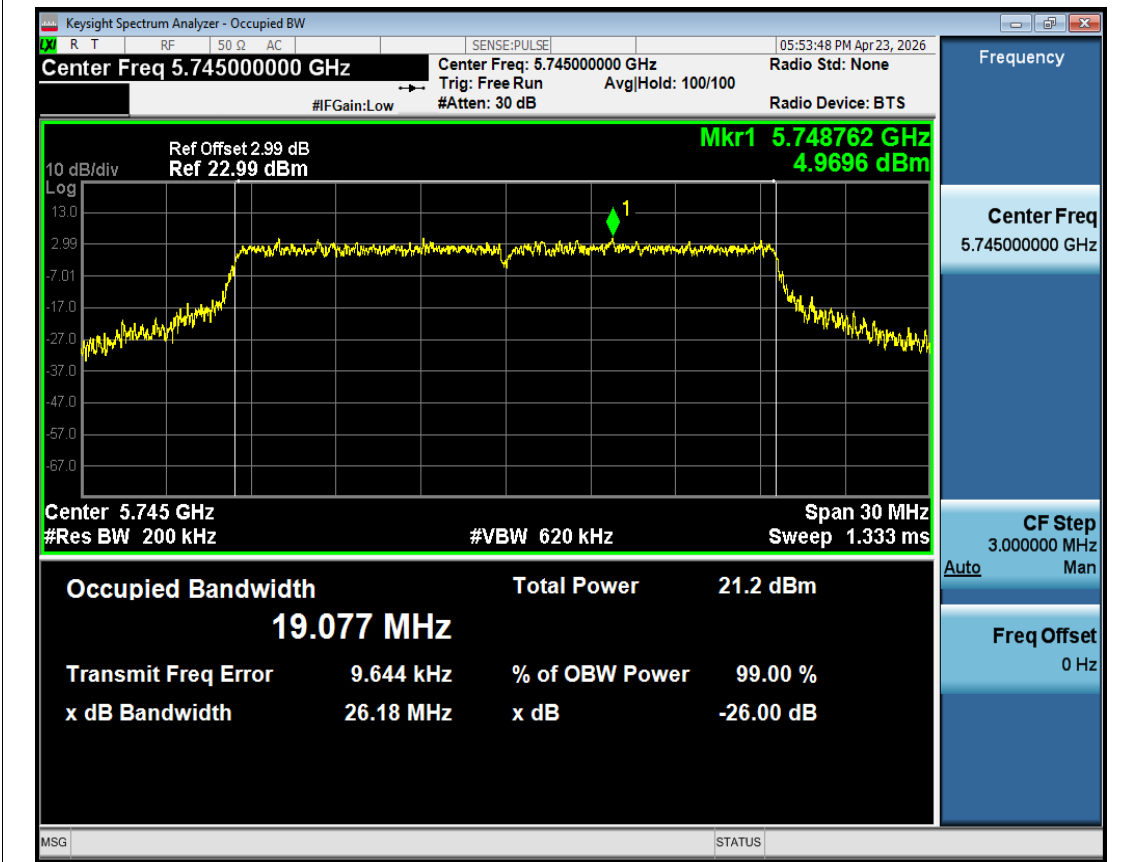
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



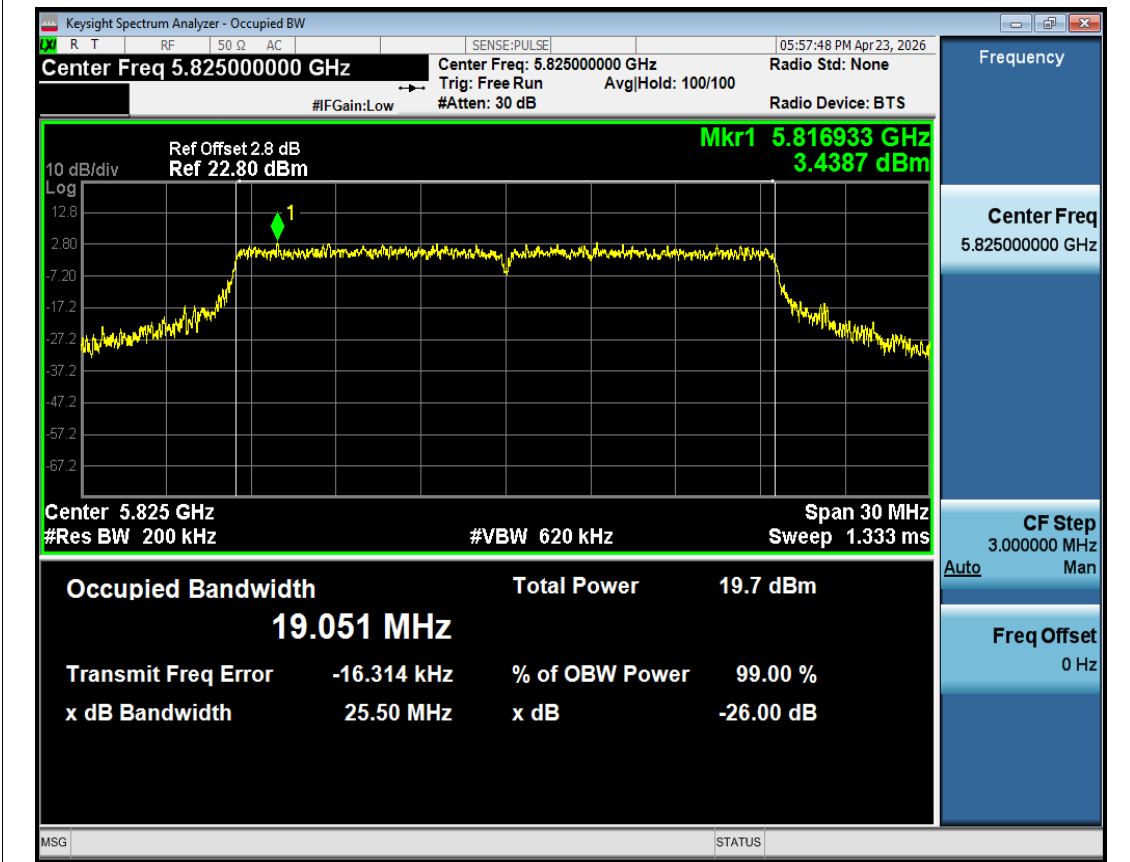
OBW NVNT ac40 5795MHz Ant1



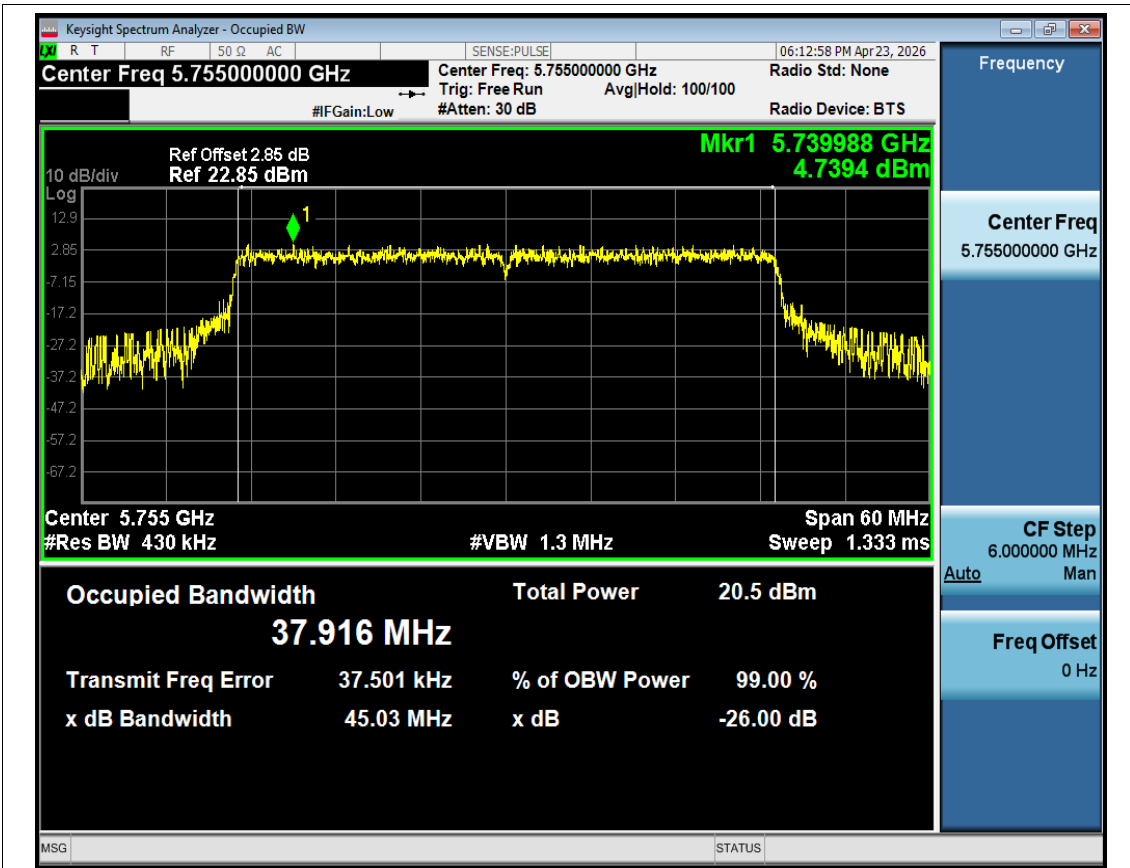
OBW NVNT ax20 5745MHz Ant1



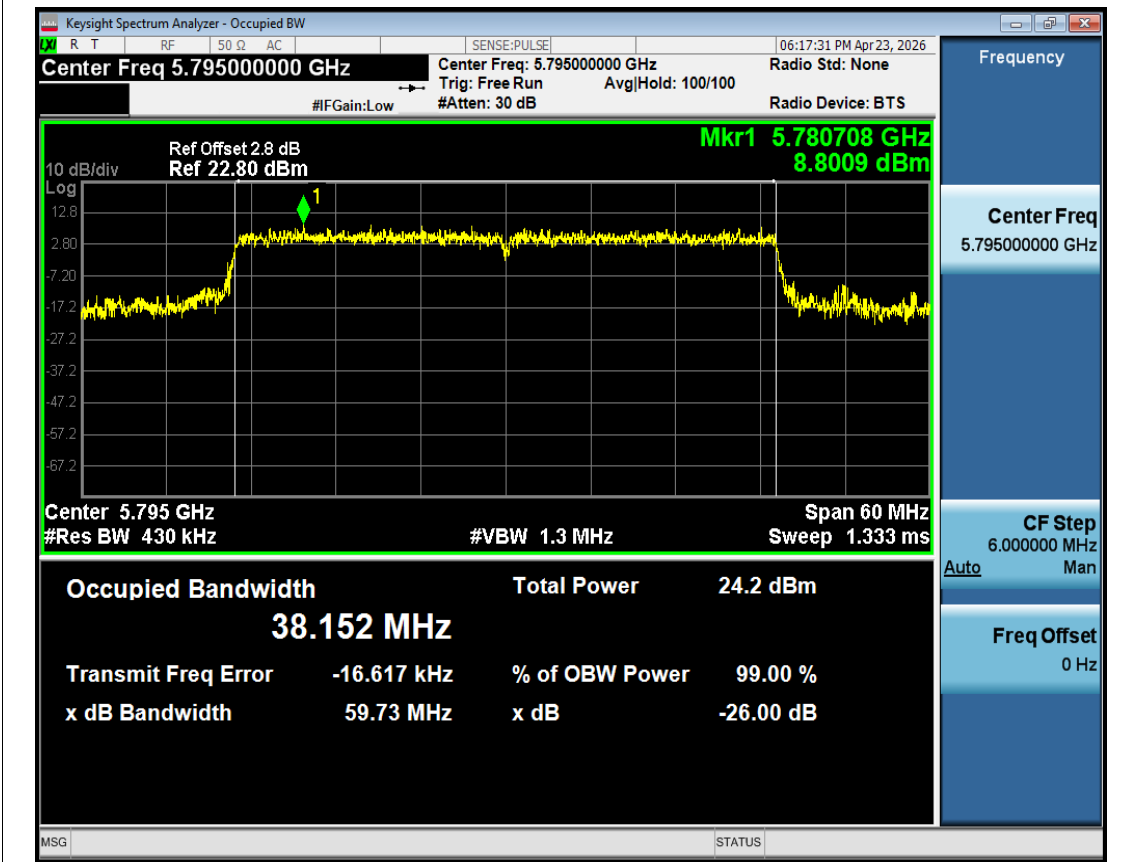
OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	Total Conducted PSD (dBm/510kHz)	RBW Factor (dB)	Total Conducted PSD (dBm/500kHz)	Limit Conducted (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	0.63	0.99	1.62	-0.09	1.53	30	Pass
NVNT	a	5785	Ant1	0.46	2.52	2.98	-0.09	2.89	30	Pass
NVNT	a	5825	Ant1	-1.6	2.72	1.13	-0.09	1.04	30	Pass
NVNT	n20	5745	Ant1	-0.37	0.48	0.12	-0.09	0.03	30	Pass
NVNT	n20	5785	Ant1	-0.84	0.14	-0.7	-0.09	-0.79	30	Pass
NVNT	n20	5825	Ant1	-1.71	0.18	-1.53	-0.09	-1.62	30	Pass
NVNT	n40	5755	Ant1	-3.55	2.6	-0.94	-0.09	-1.03	30	Pass
NVNT	n40	5795	Ant1	-1.99	2.49	0.5	-0.09	0.41	30	Pass
NVNT	ac20	5745	Ant1	-0.05	0.15	0.1	-0.09	0.01	30	Pass
NVNT	ac20	5785	Ant1	-0.35	0.14	-0.21	-0.09	-0.3	30	Pass
NVNT	ac20	5825	Ant1	-1.27	0.19	-1.09	-0.09	-1.18	30	Pass
NVNT	ac40	5755	Ant1	-4.63	2.75	-1.88	-0.09	-1.97	30	Pass
NVNT	ac40	5795	Ant1	-4.97	3.38	-1.59	-0.09	-1.68	30	Pass
NVNT	ax20	5745	Ant1	-0.13	0.31	0.18	-0.09	0.09	30	Pass
NVNT	ax20	5785	Ant1	-0.12	0.58	0.46	-0.09	0.37	30	Pass
NVNT	ax20	5825	Ant1	-1.62	0.19	-1.43	-0.09	-1.52	30	Pass
NVNT	ax40	5755	Ant1	-5.92	2.85	-3.07	-0.09	-3.16	30	Pass
NVNT	ax40	5795	Ant1	-2.62	2.85	0.23	-0.09	0.14	30	Pass



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



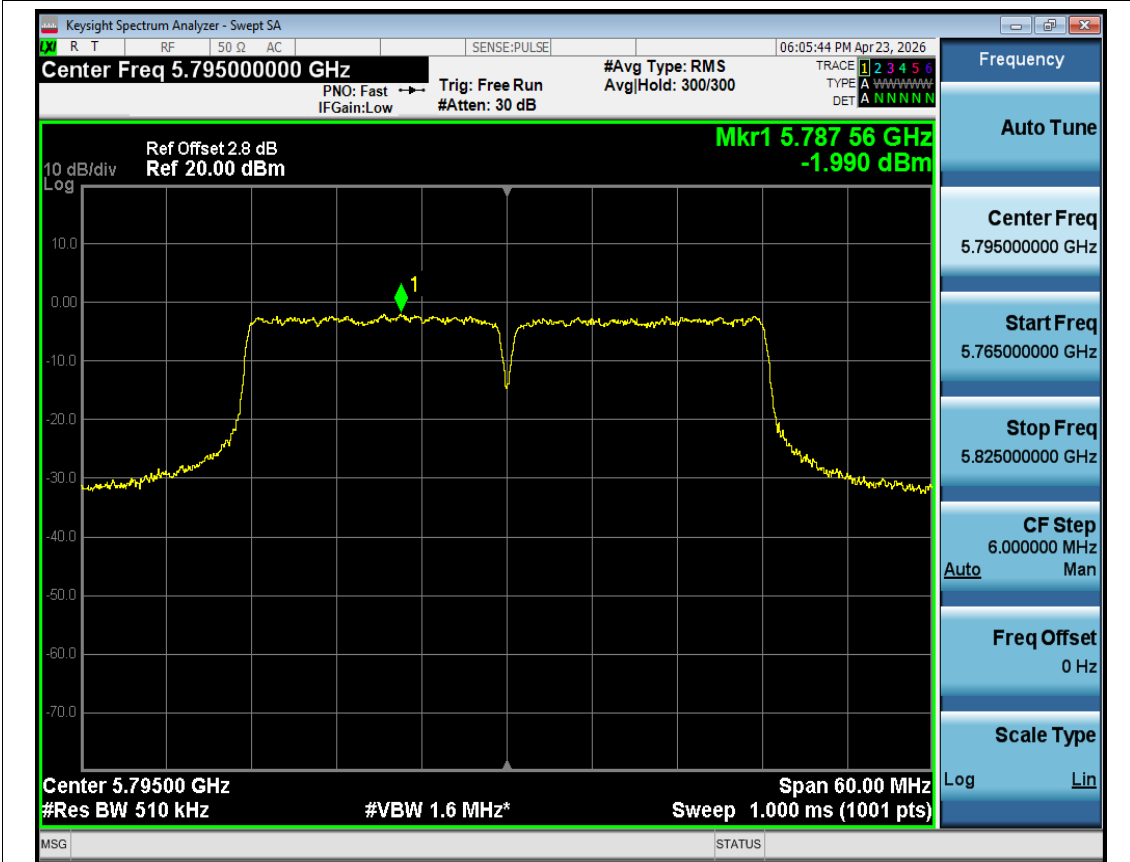
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



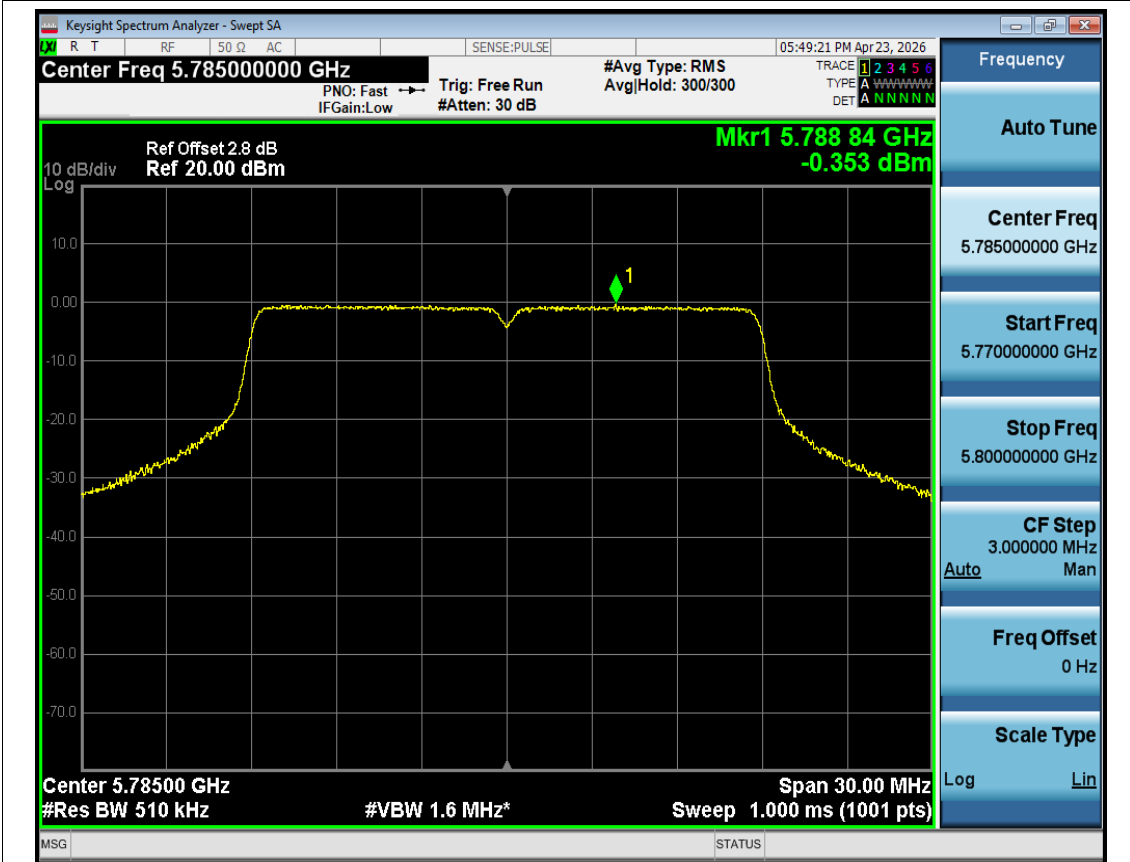
PSD NVNT n40 5755MHz Ant1



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	-39.23	-27	Pass
NVNT	a	5825	Ant1	-45.77	-27	Pass
NVNT	n20	5745	Ant1	-45.61	-27	Pass
NVNT	n20	5825	Ant1	-46.75	-27	Pass
NVNT	n40	5755	Ant1	-33.51	-27	Pass
NVNT	n40	5795	Ant1	-42.97	-27	Pass
NVNT	ac20	5745	Ant1	-44.53	-27	Pass
NVNT	ac20	5825	Ant1	-46.06	-27	Pass
NVNT	ac40	5755	Ant1	-42.05	-27	Pass
NVNT	ac40	5795	Ant1	-47.15	-27	Pass
NVNT	ax20	5745	Ant1	-45.34	-27	Pass
NVNT	ax20	5825	Ant1	-46.92	-27	Pass
NVNT	ax40	5755	Ant1	-41.16	-26.85	Pass
NVNT	ax40	5795	Ant1	-44.36	-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



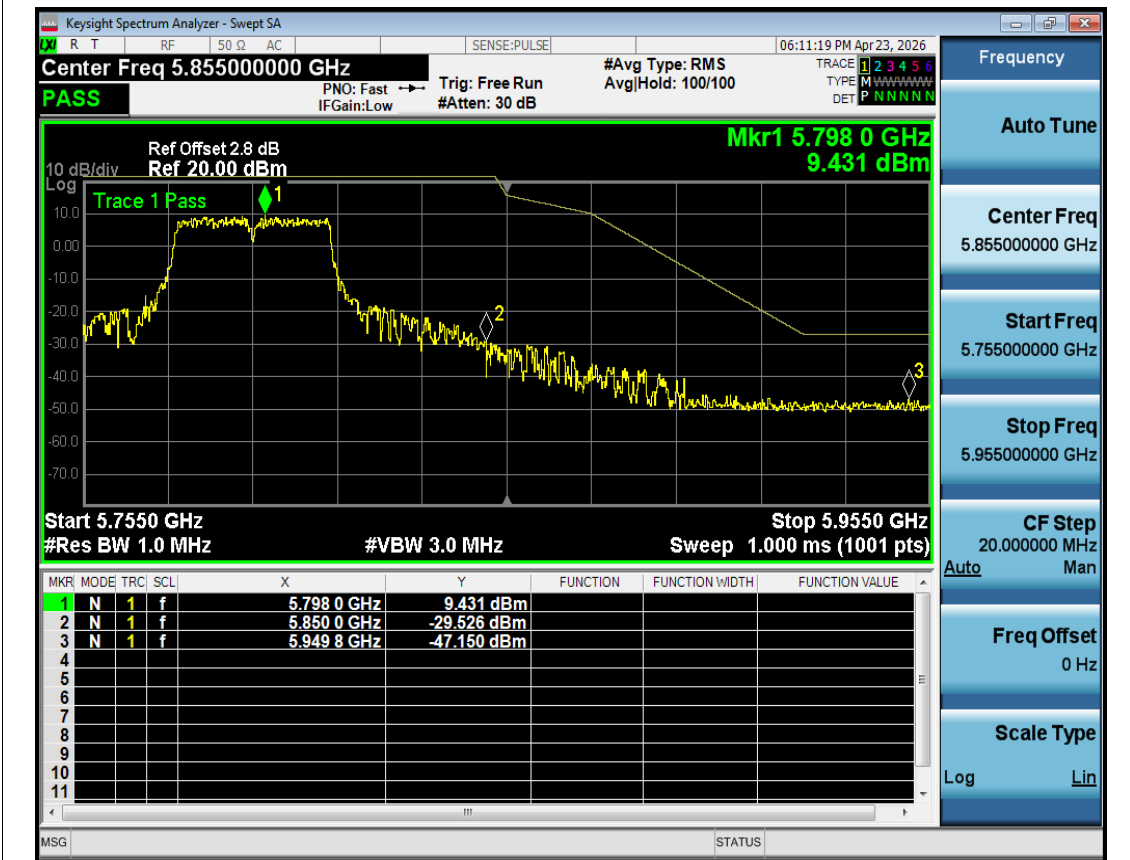
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1



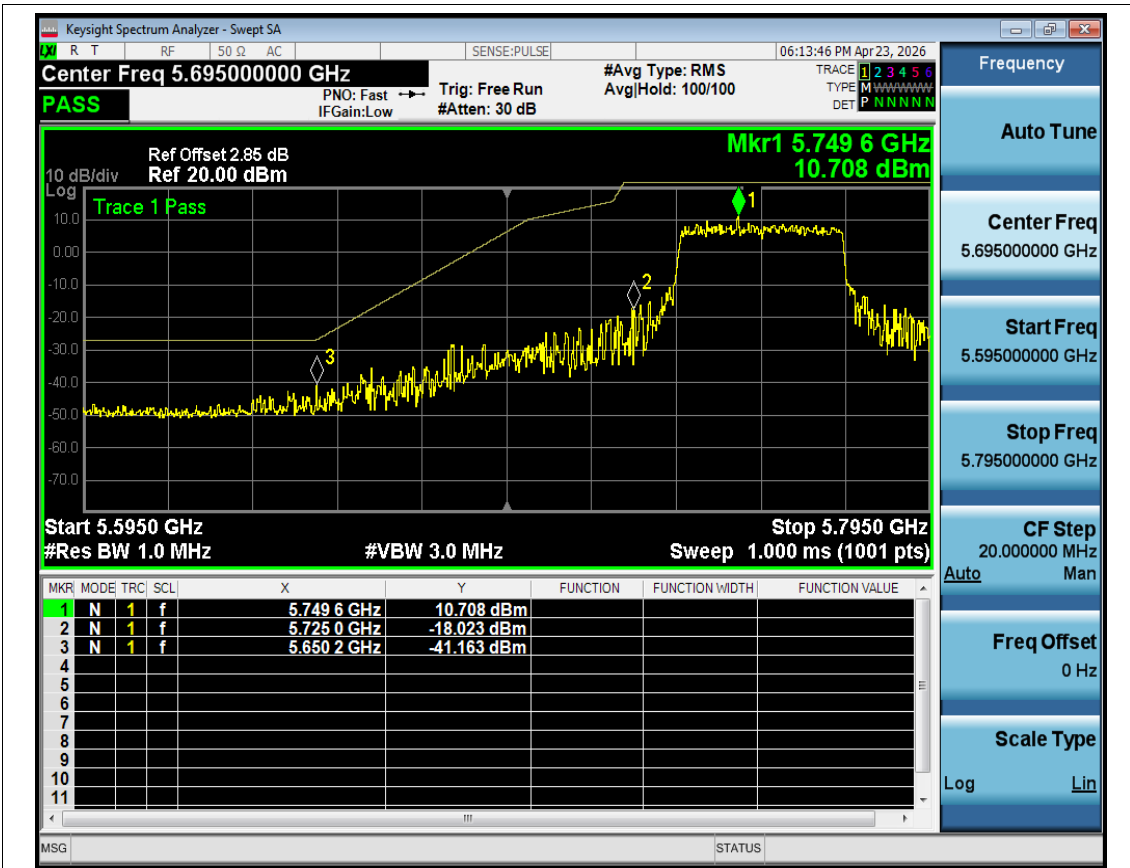
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1



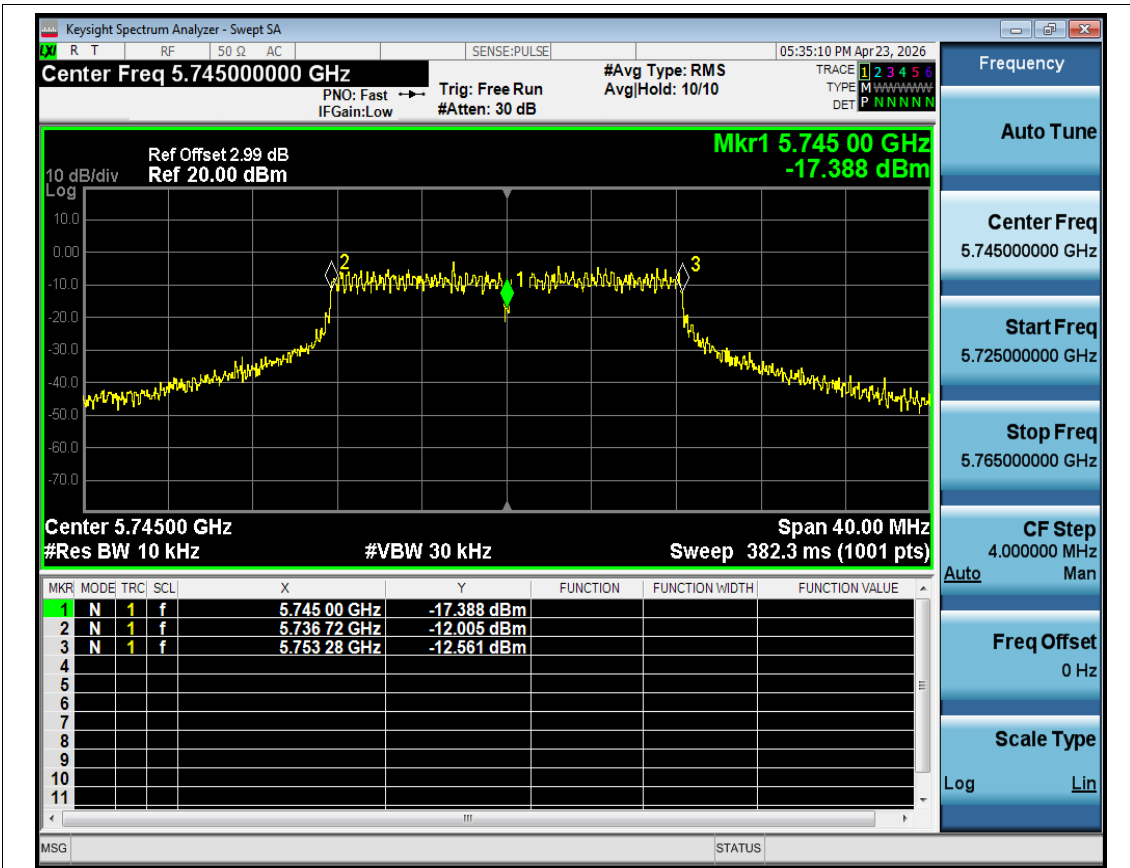
Band Edge NVNT ax40 5755MHz Low Ant1



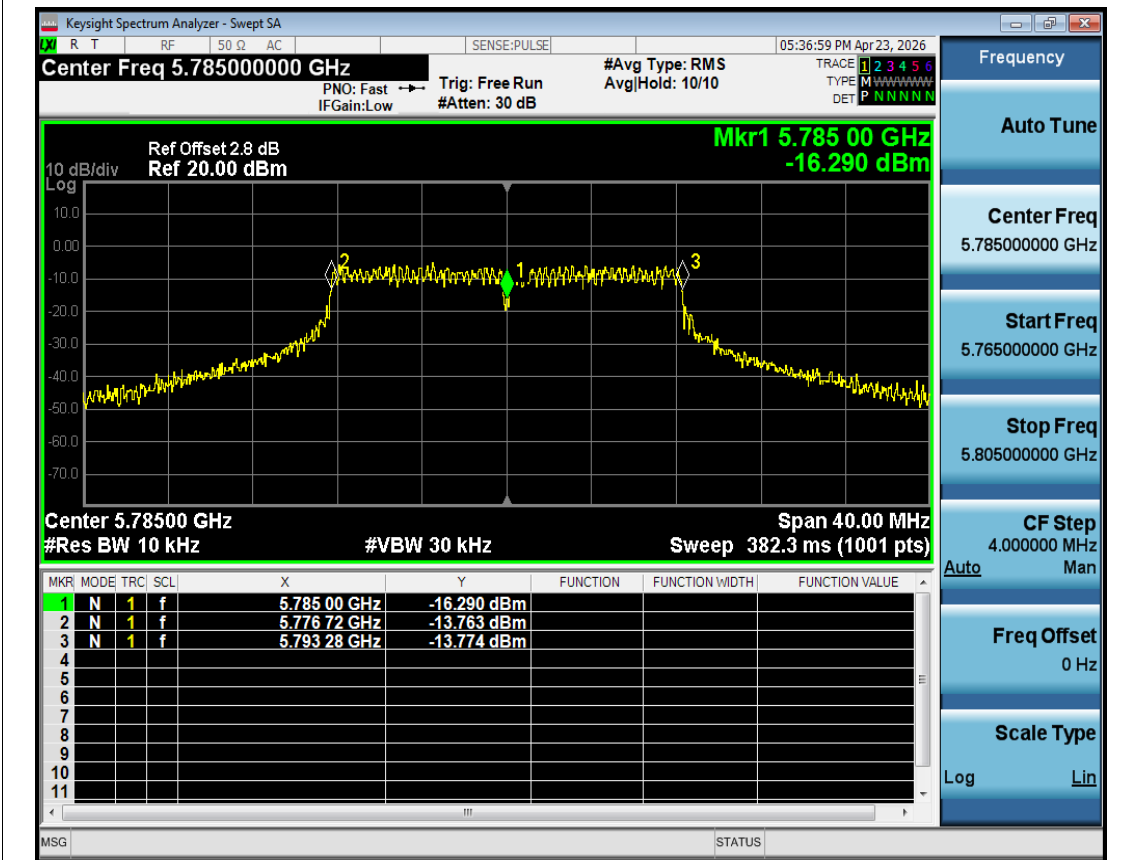
Band Edge NVNT ax40 5795MHz High Ant1

Frequency Stability

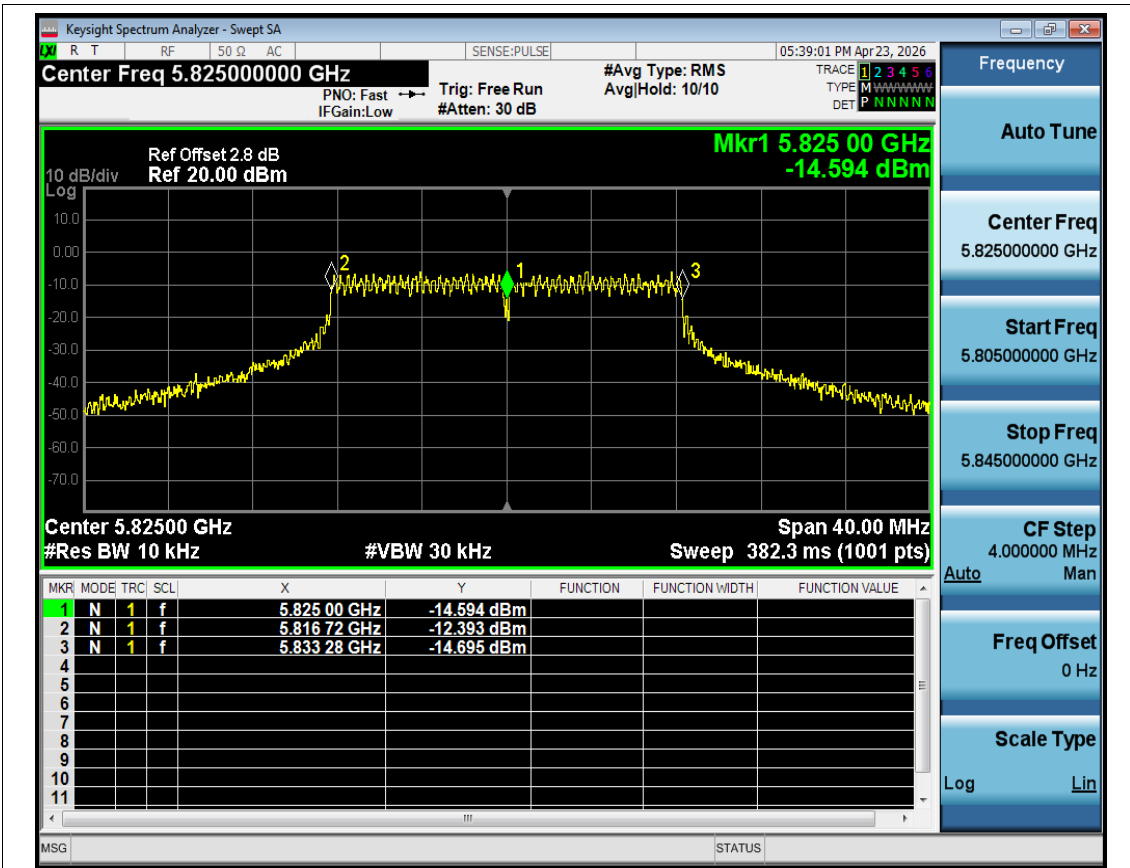
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	25	Pass
NVNT	a	5785	Ant1	5785	0	0	25	Pass
NVNT	a	5825	Ant1	5825	0	0	25	Pass
NVNT	n20	5745	Ant1	5745	0	0	25	Pass
NVNT	n20	5785	Ant1	5785	0	0	25	Pass
NVNT	n20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



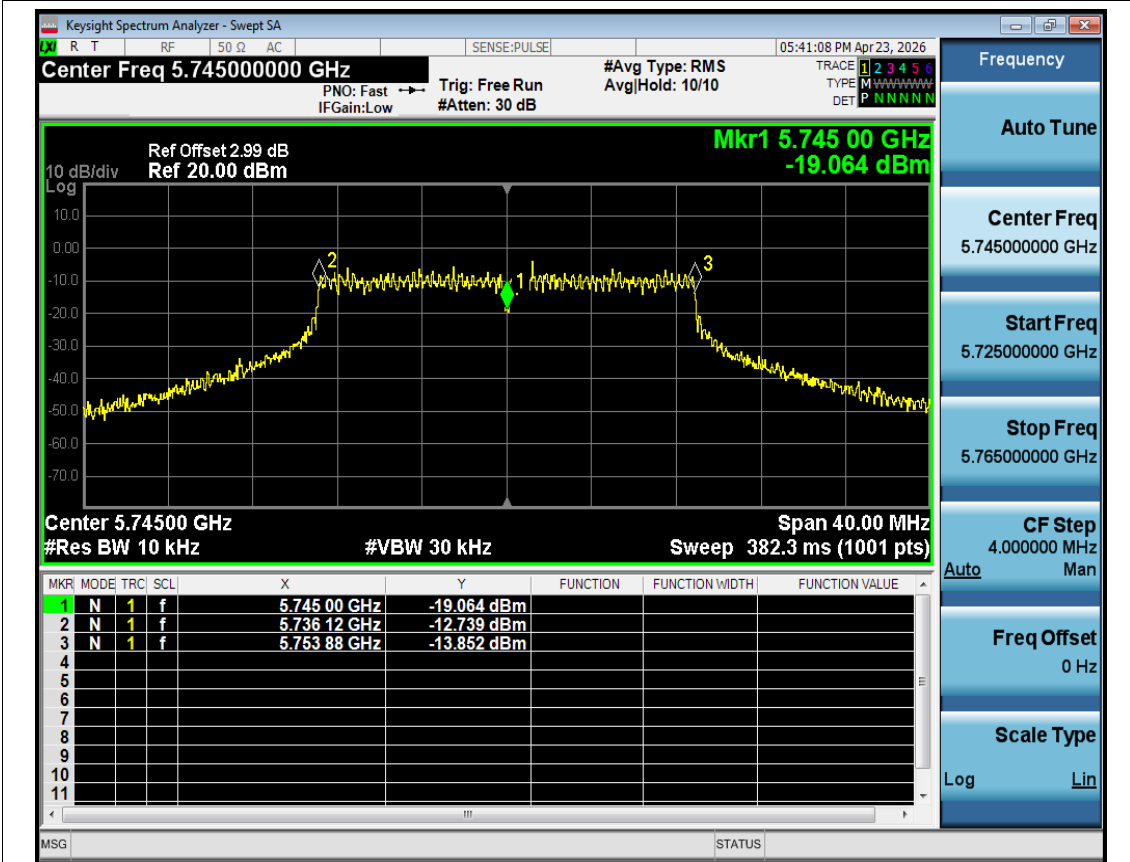
Freq. Stability NVNT a 5745MHz Ant1



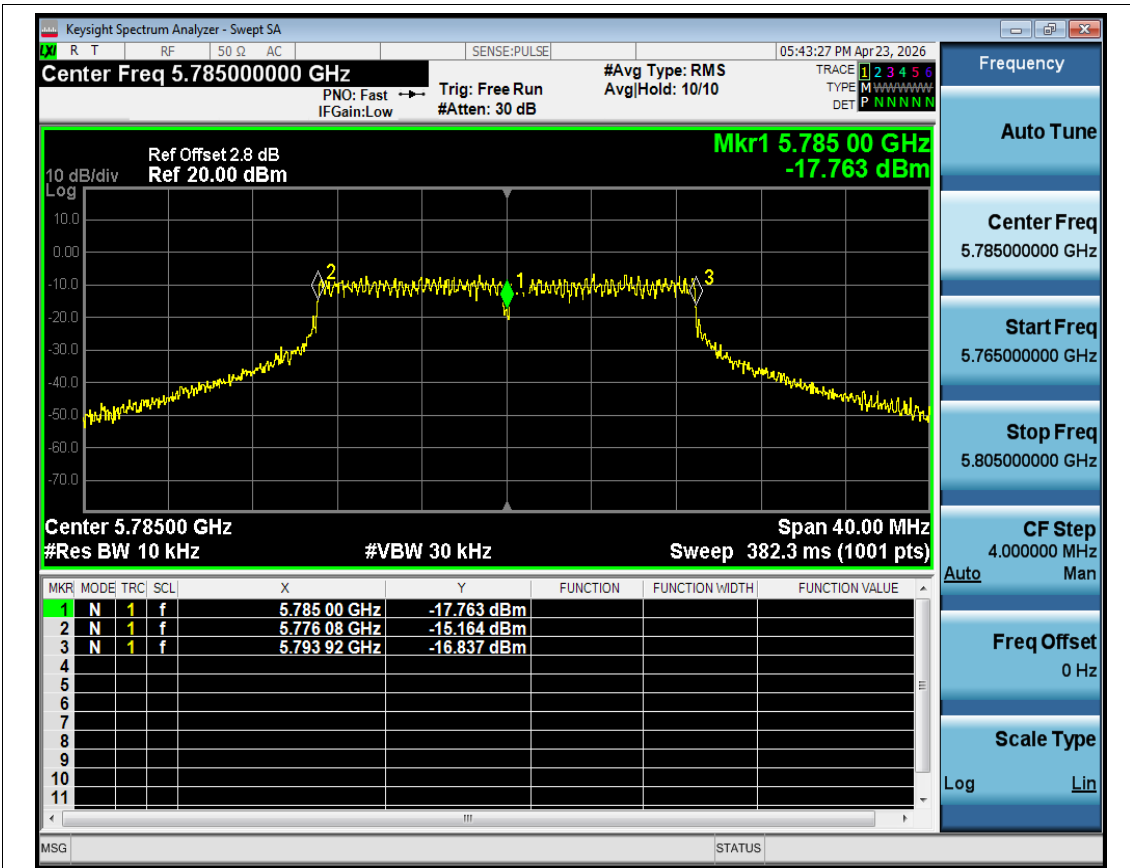
Freq. Stability NVNT a 5785MHz Ant1



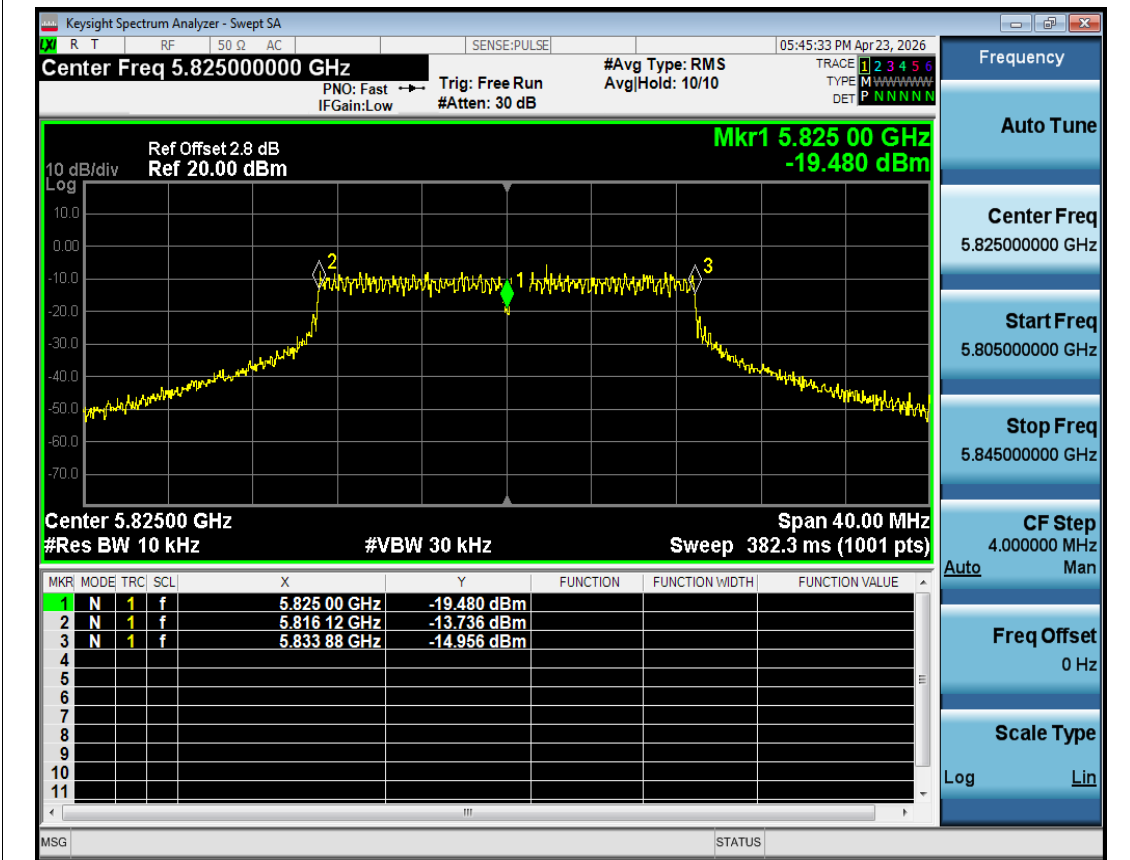
Freq. Stability NVNT a 5825MHz Ant1



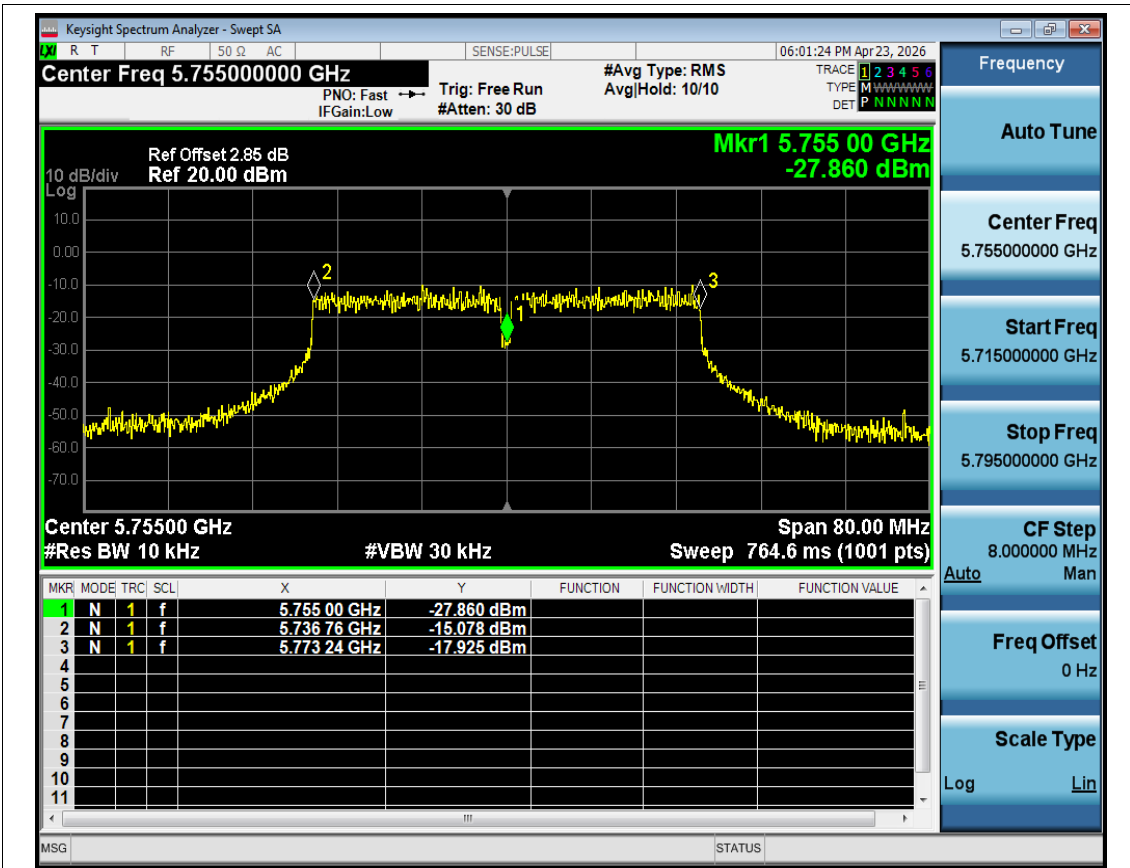
Freq. Stability NVNT n20 5745MHz Ant1



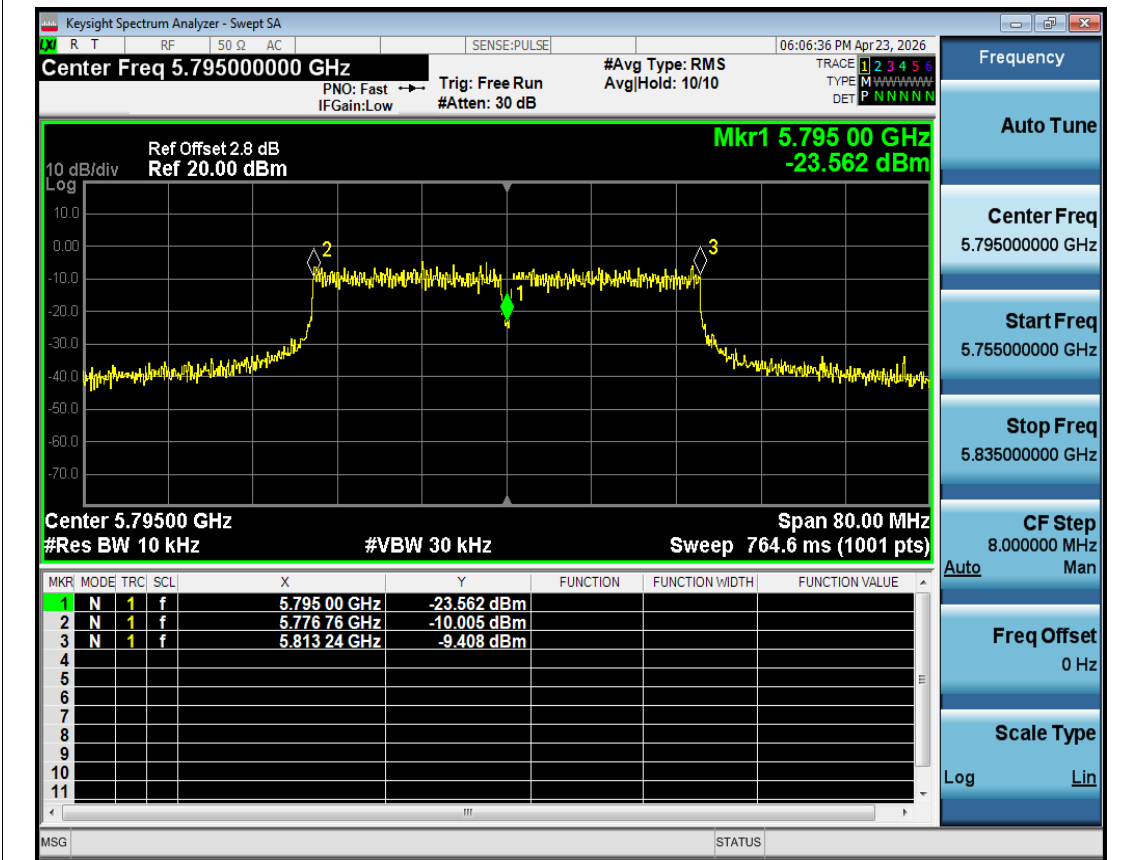
Freq. Stability NVNT n20 5785MHz Ant1



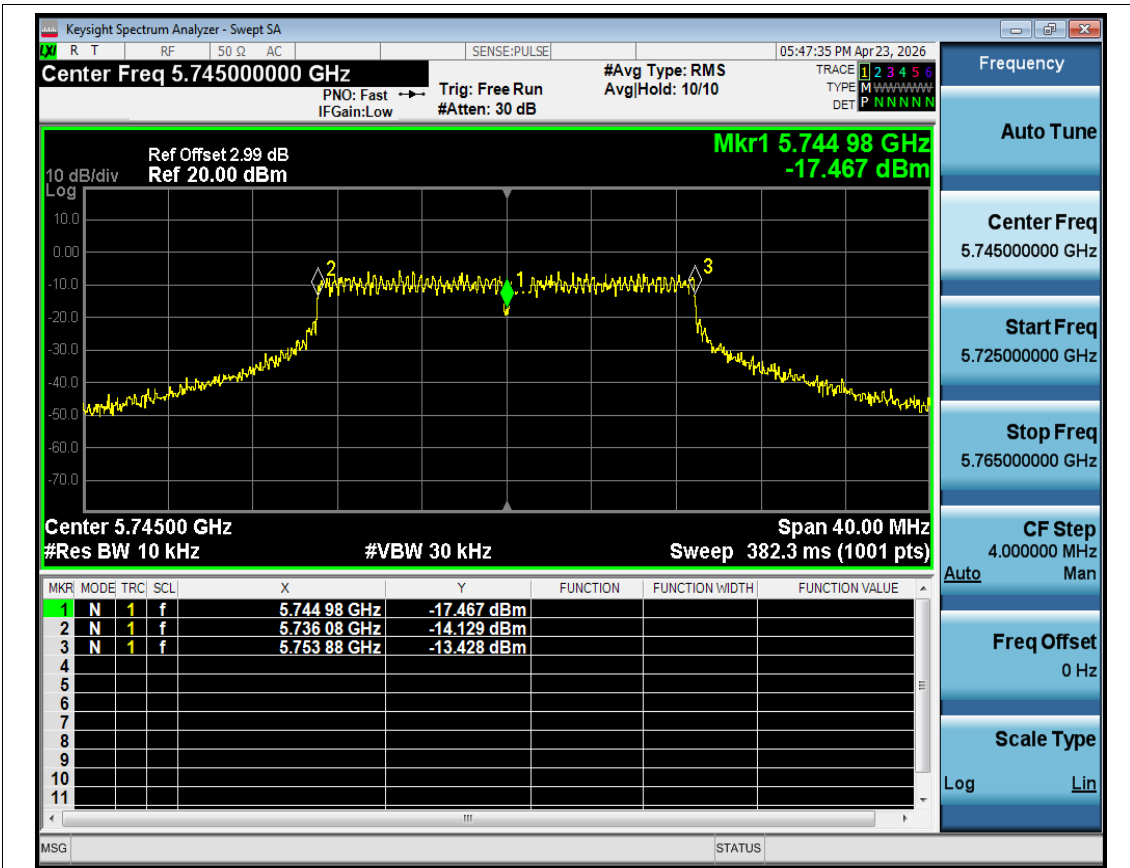
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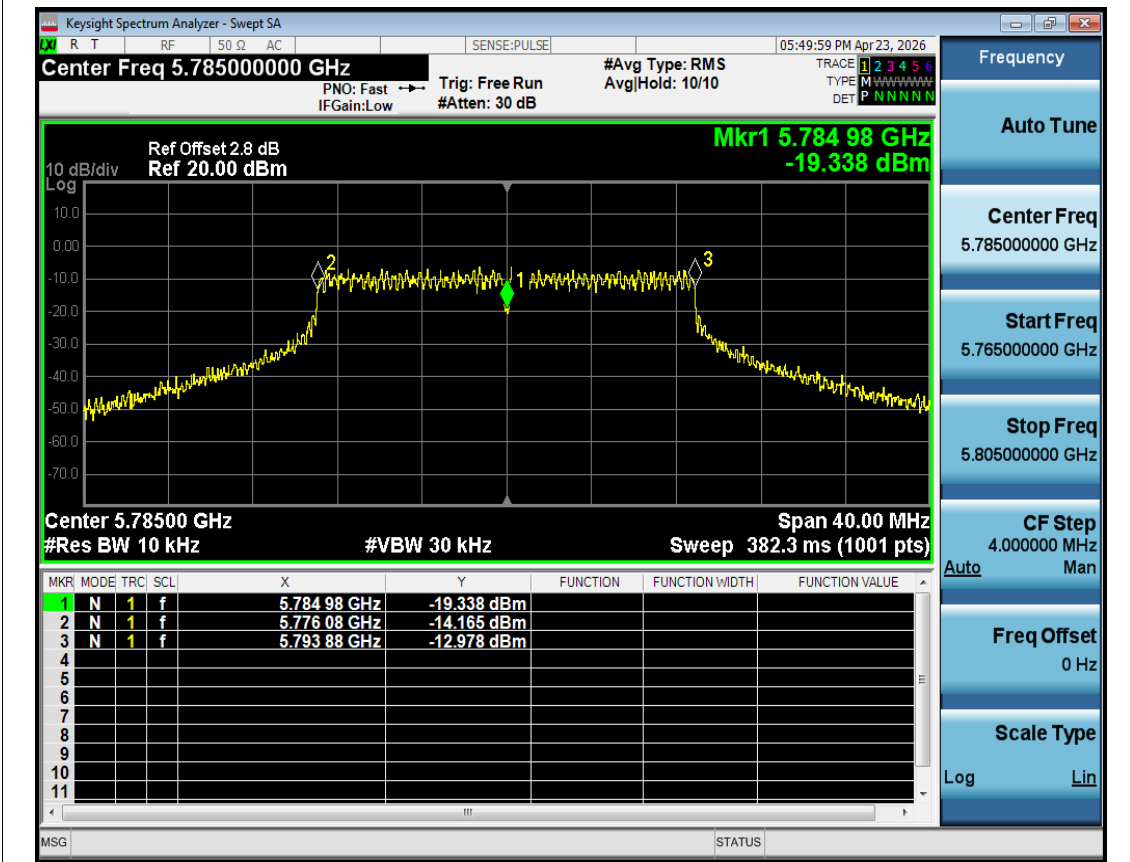
Freq. Stability NVNT n40 5755MHz Ant1



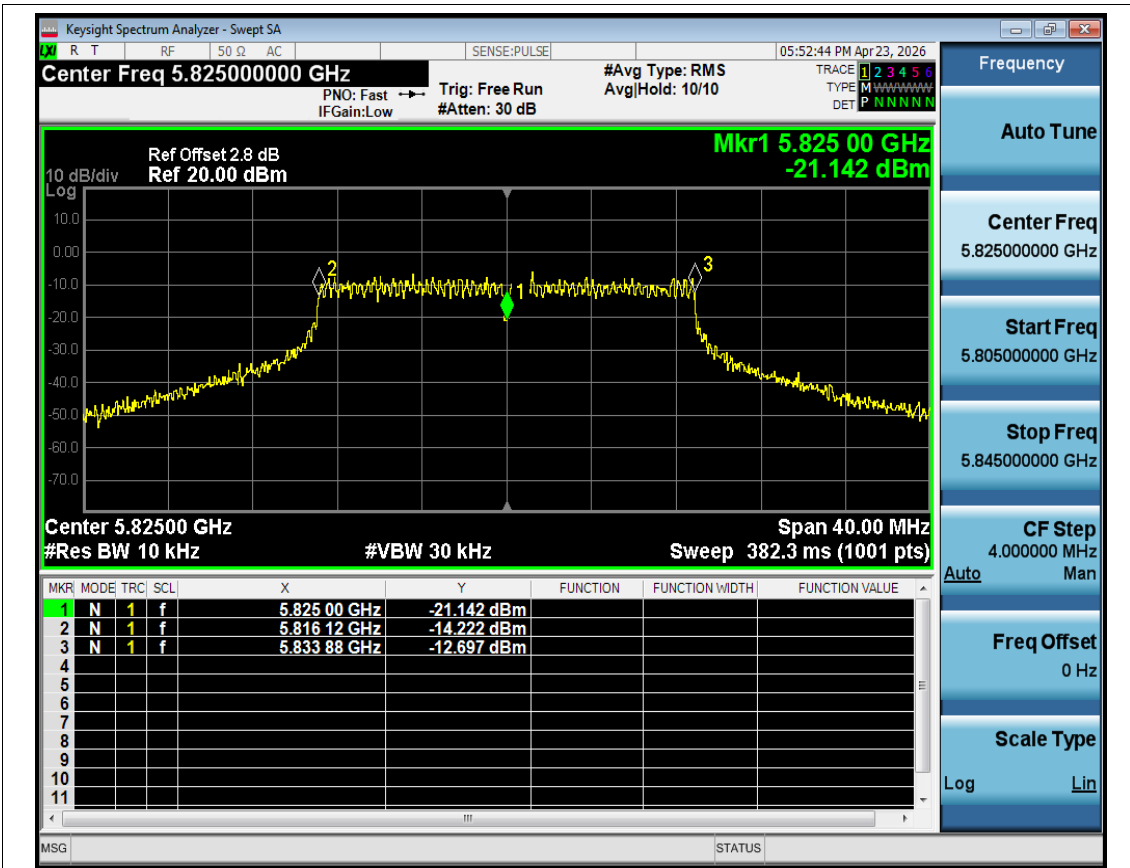
Freq. Stability NVNT n40 5795MHz Ant1



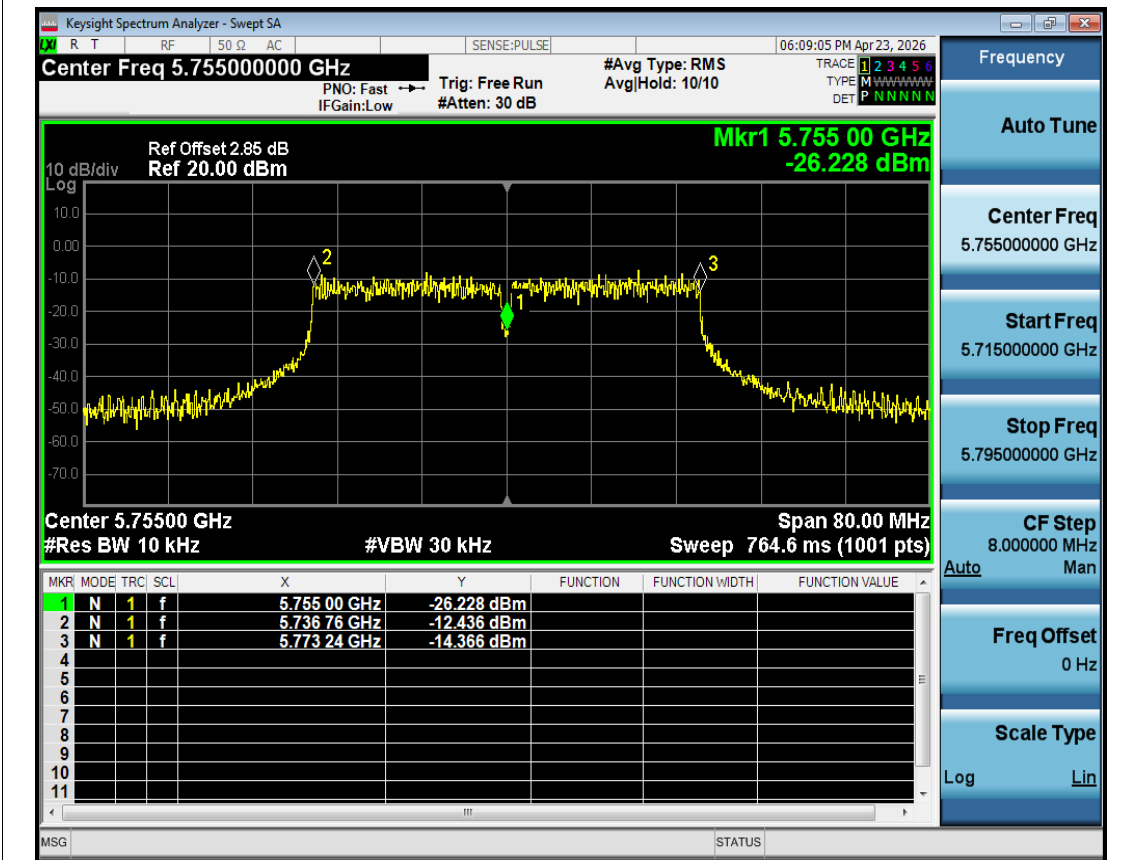
Freq. Stability NVNT ac20 5745MHz Ant1



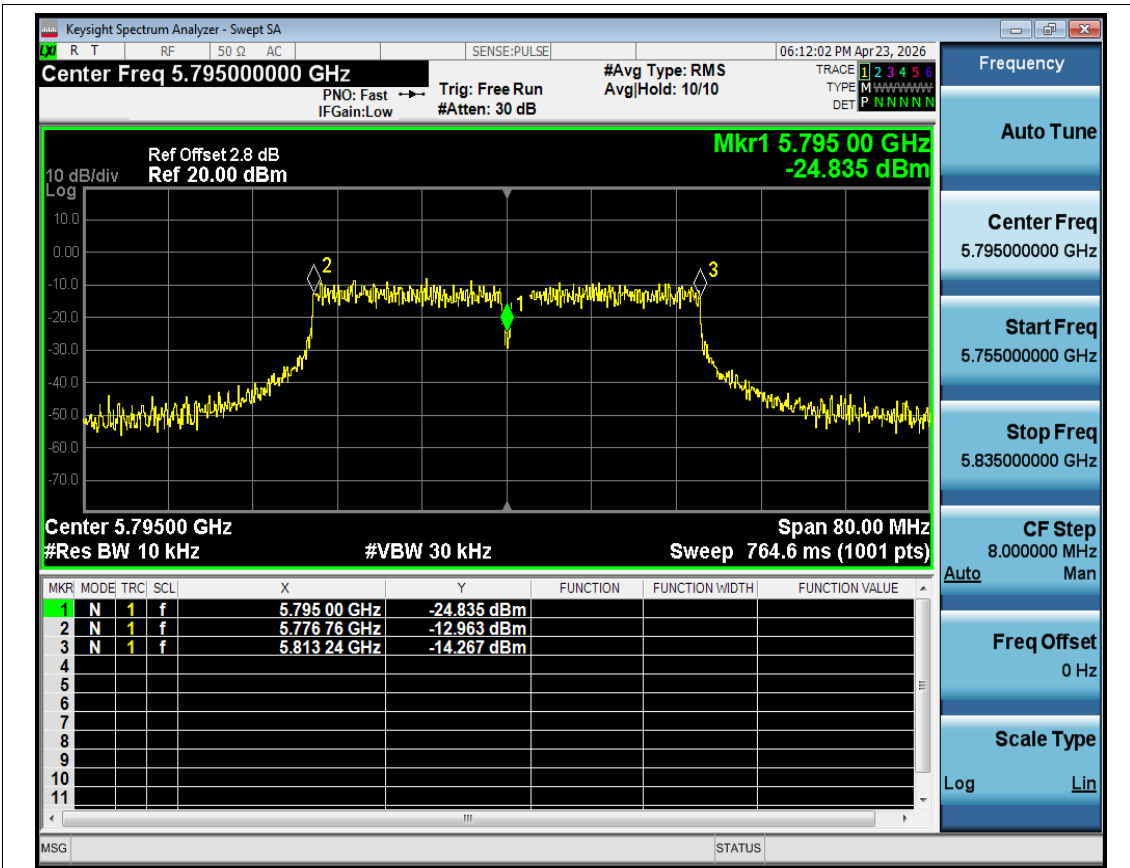
Freq. Stability NVNT ac20 5785MHz Ant1



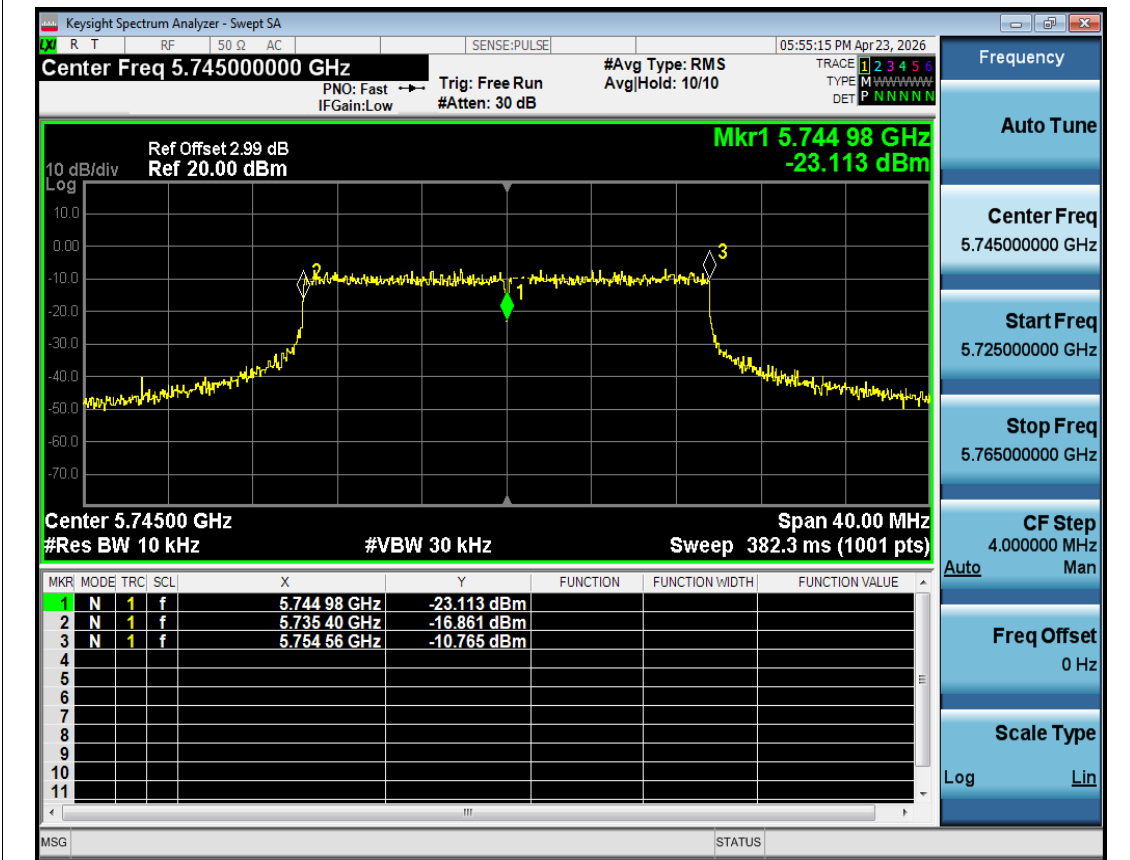
Freq. Stability NVNT ac20 5825MHz Ant1



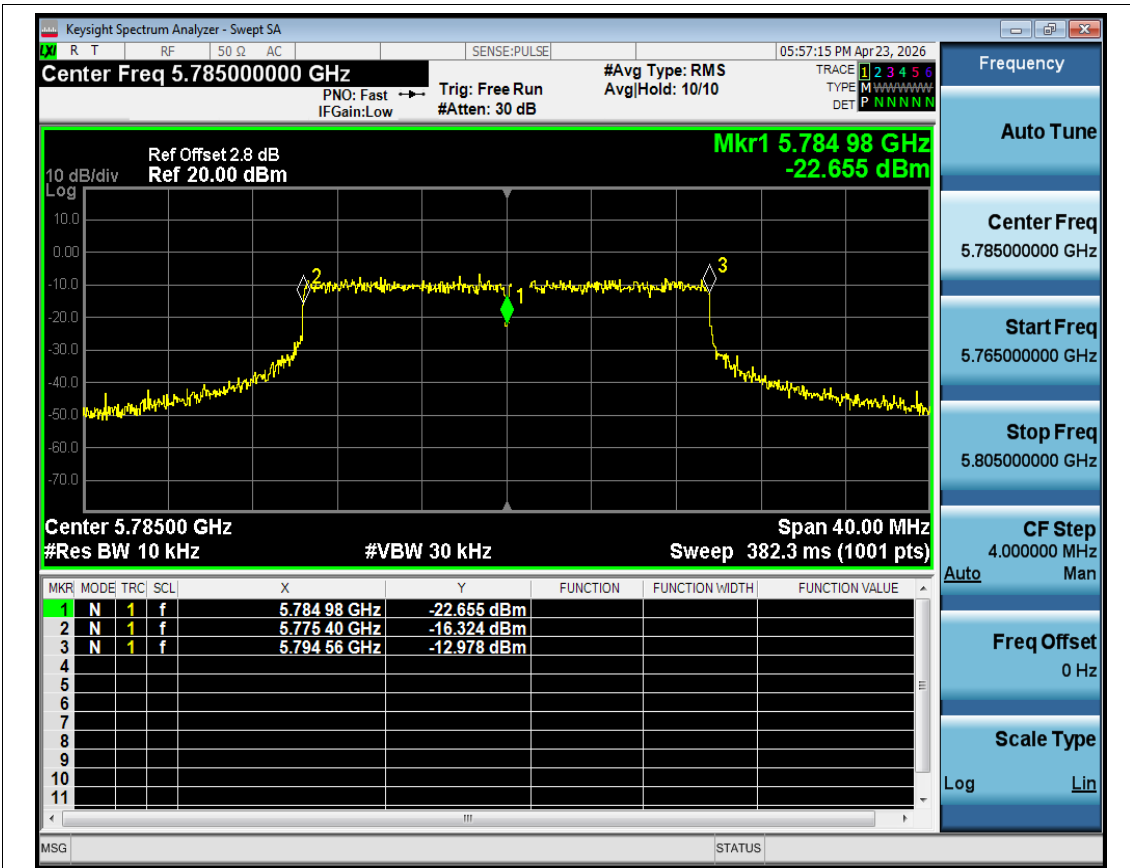
Freq. Stability NVNT ac40 5755MHz Ant1



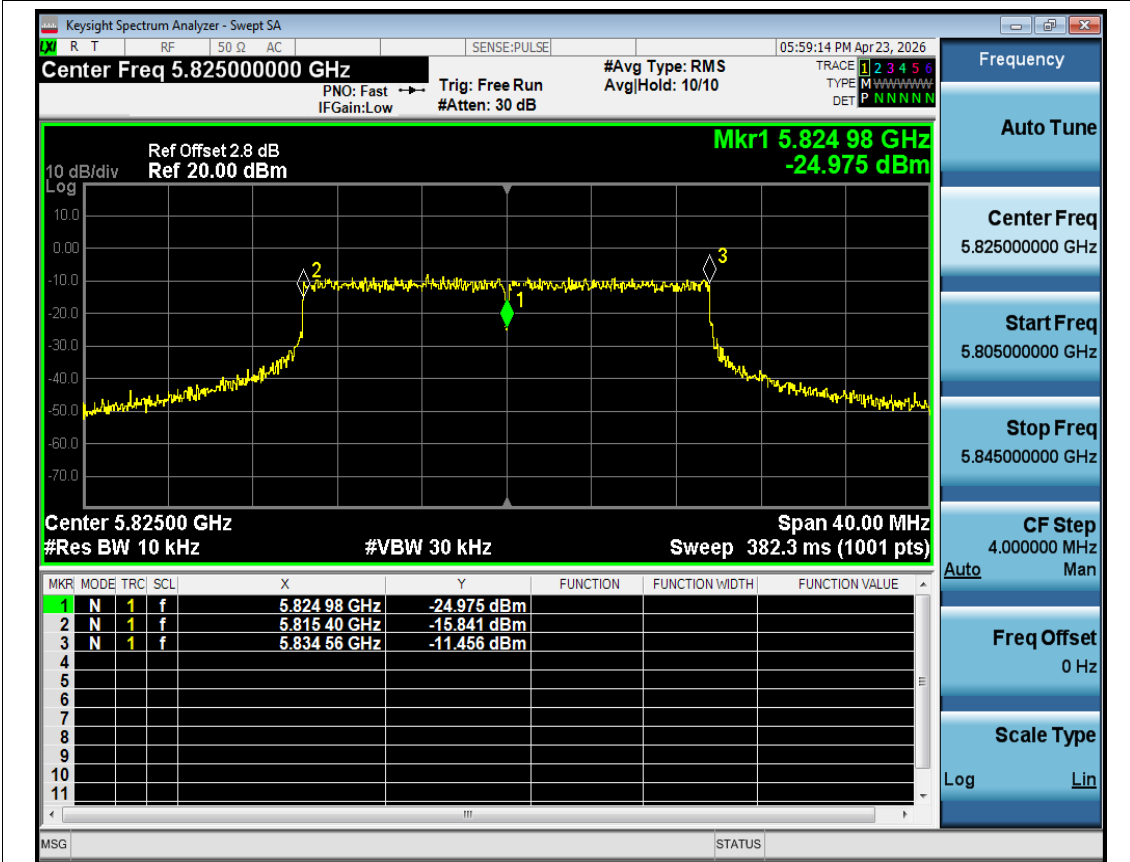
Freq. Stability NVNT ac40 5795MHz Ant1



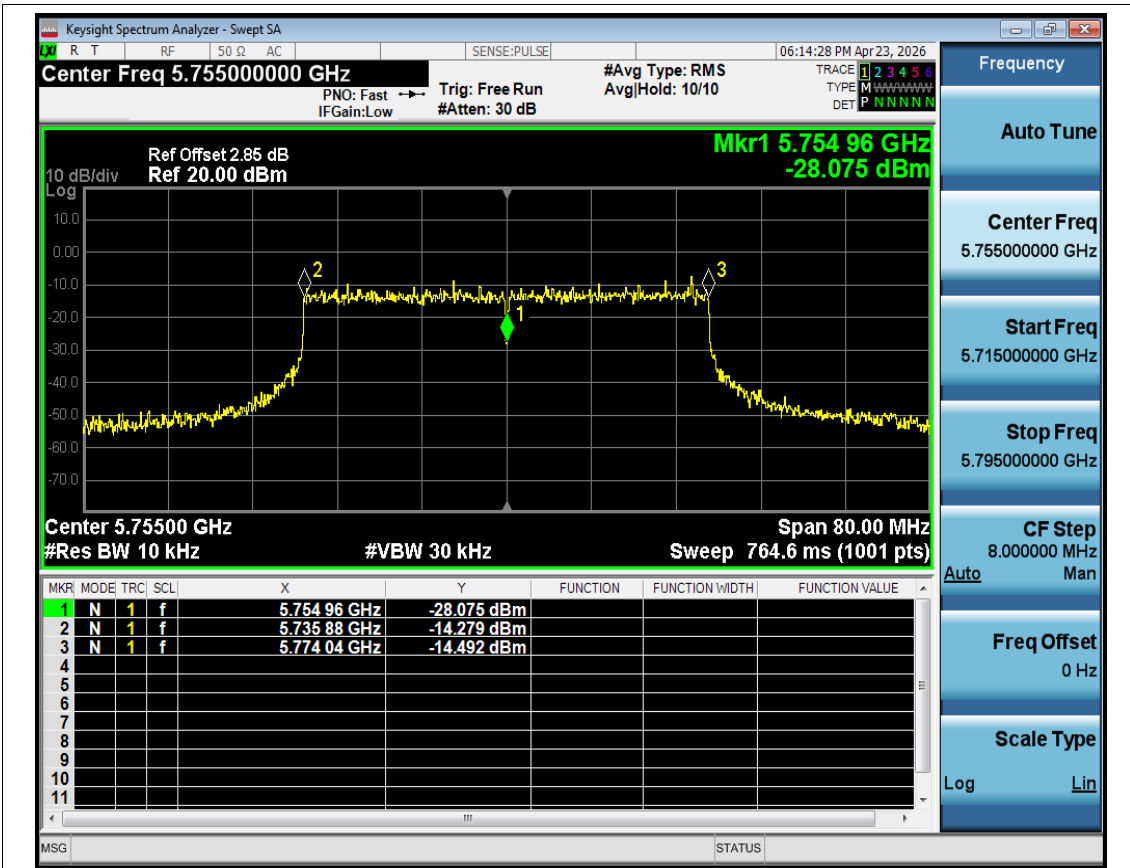
Freq. Stability NVNT ax20 5745MHz Ant1



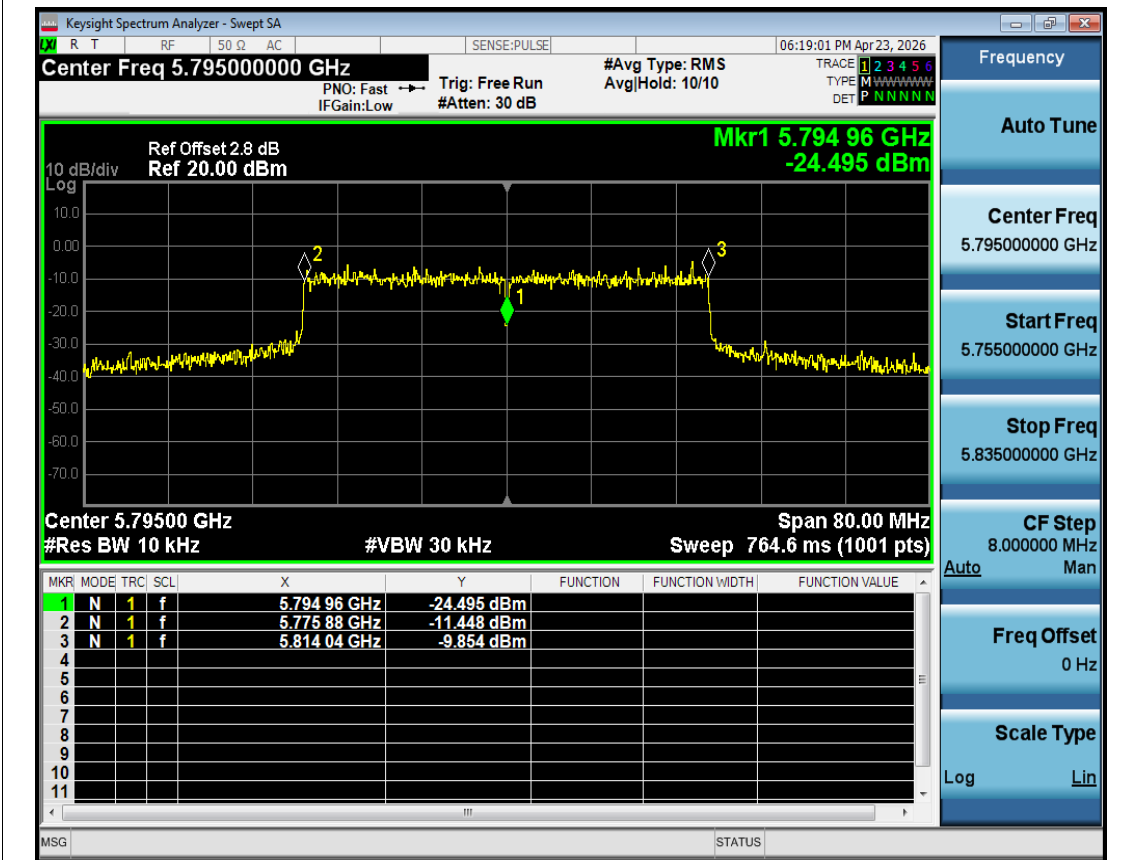
Freq. Stability NVNT ax20 5785MHz Ant1



Freq. Stability NVNT ax20 5825MHz Ant1



Freq. Stability NVNT ax40 5755MHz Ant1



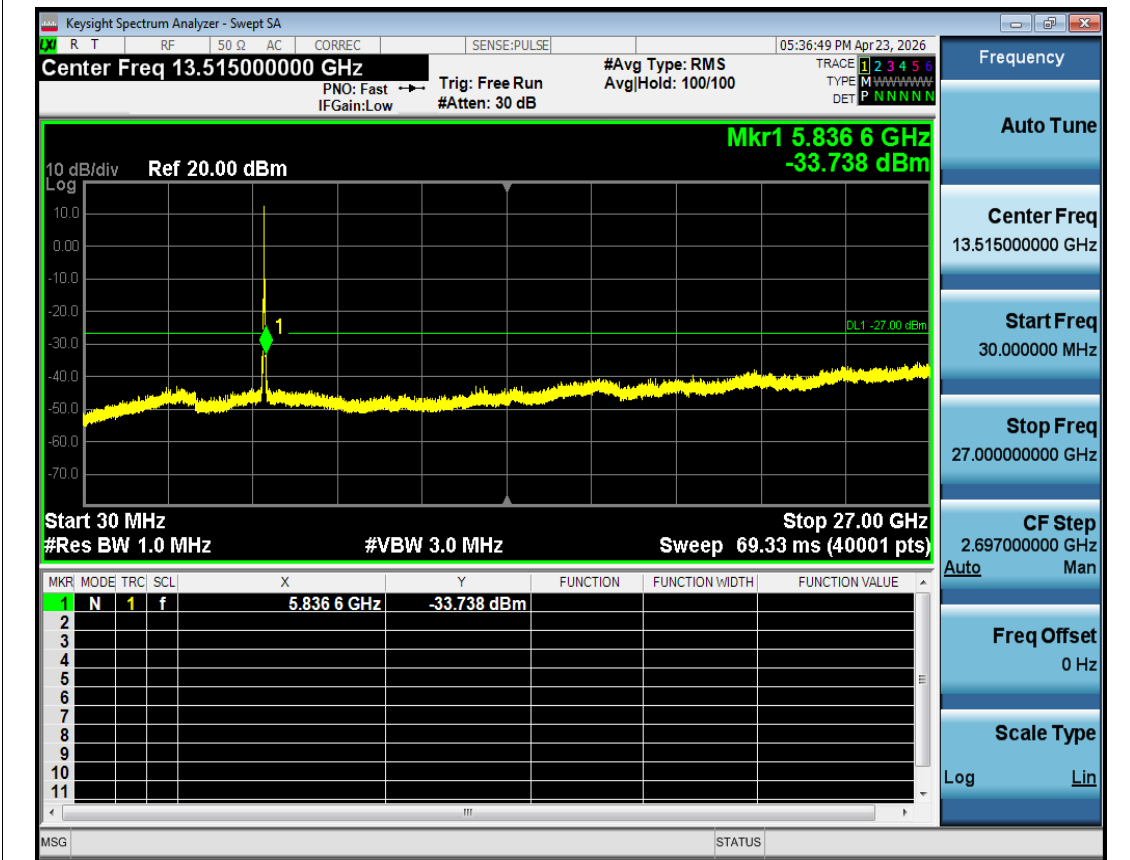
Freq. Stability NVNT ax40 5795MHz Ant1

Conducted RF Spurious Emission

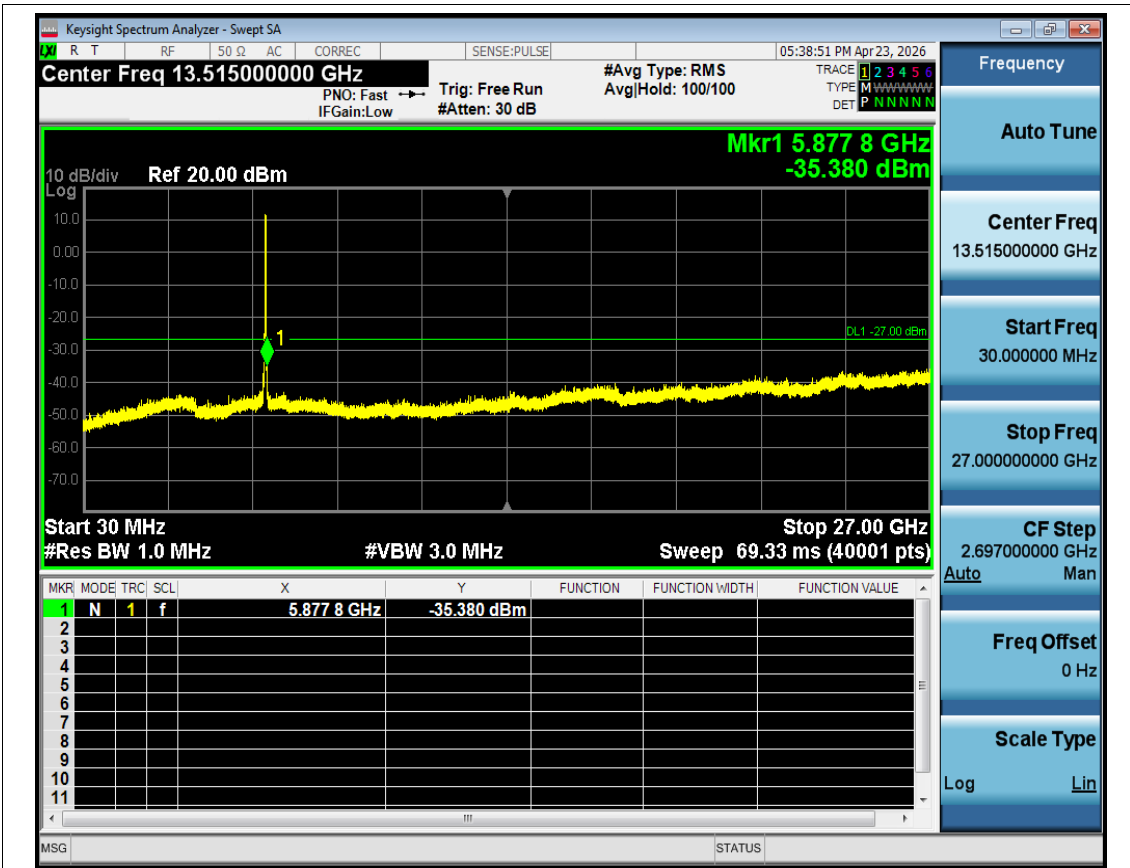
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-31.82	-27	Pass
NVNT	a	5785	Ant1	-33.73	-27	Pass
NVNT	a	5825	Ant1	-35.37	-27	Pass
NVNT	n20	5745	Ant1	-35.23	-27	Pass
NVNT	n20	5785	Ant1	-35.44	-27	Pass
NVNT	n20	5825	Ant1	-35.66	-27	Pass
NVNT	n40	5755	Ant1	-32.88	-27	Pass
NVNT	n40	5795	Ant1	-33.14	-27	Pass
NVNT	ac20	5745	Ant1	-32.62	-27	Pass
NVNT	ac20	5785	Ant1	-30.67	-27	Pass
NVNT	ac20	5825	Ant1	-33.62	-27	Pass
NVNT	ac40	5755	Ant1	-36.13	-27	Pass
NVNT	ac40	5795	Ant1	-34.45	-27	Pass
NVNT	ax20	5745	Ant1	-32.58	-27	Pass
NVNT	ax20	5785	Ant1	-31.33	-27	Pass
NVNT	ax20	5825	Ant1	-34.17	-27	Pass
NVNT	ax40	5755	Ant1	-35.98	-27	Pass
NVNT	ax40	5795	Ant1	-34.74	-27	Pass



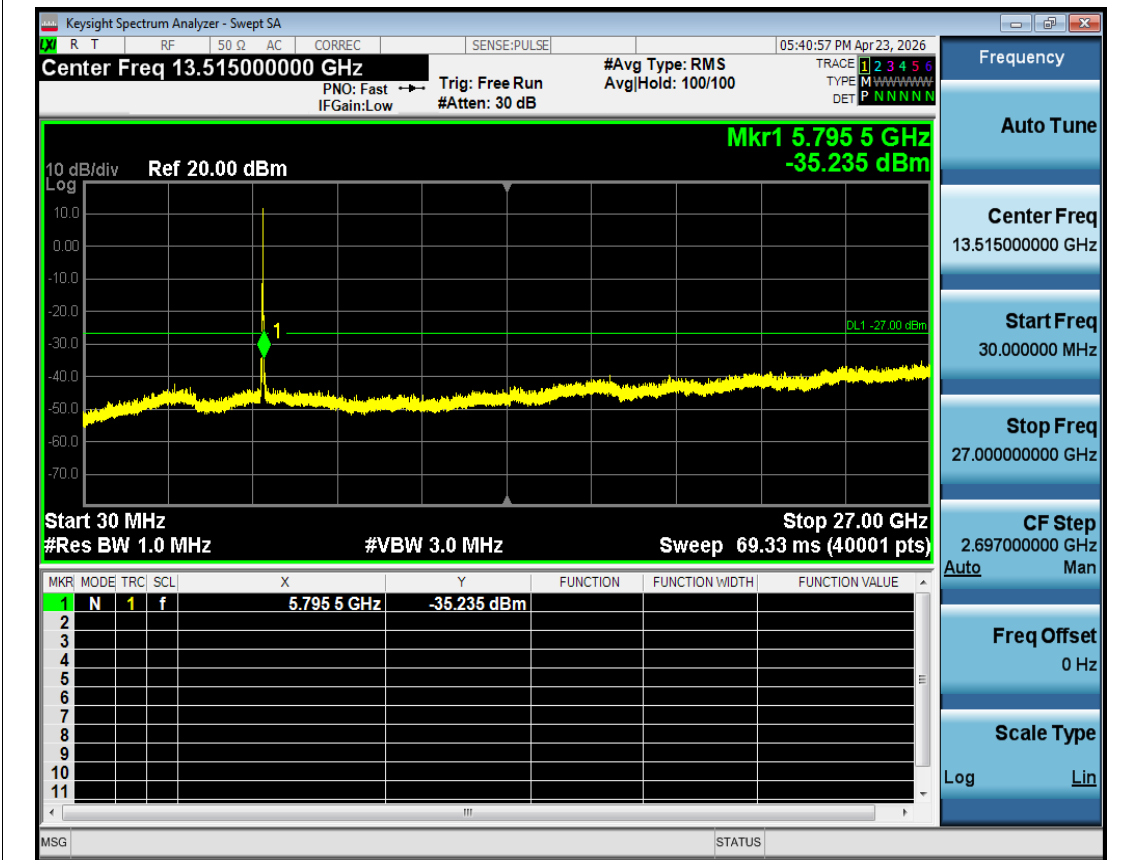
Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission



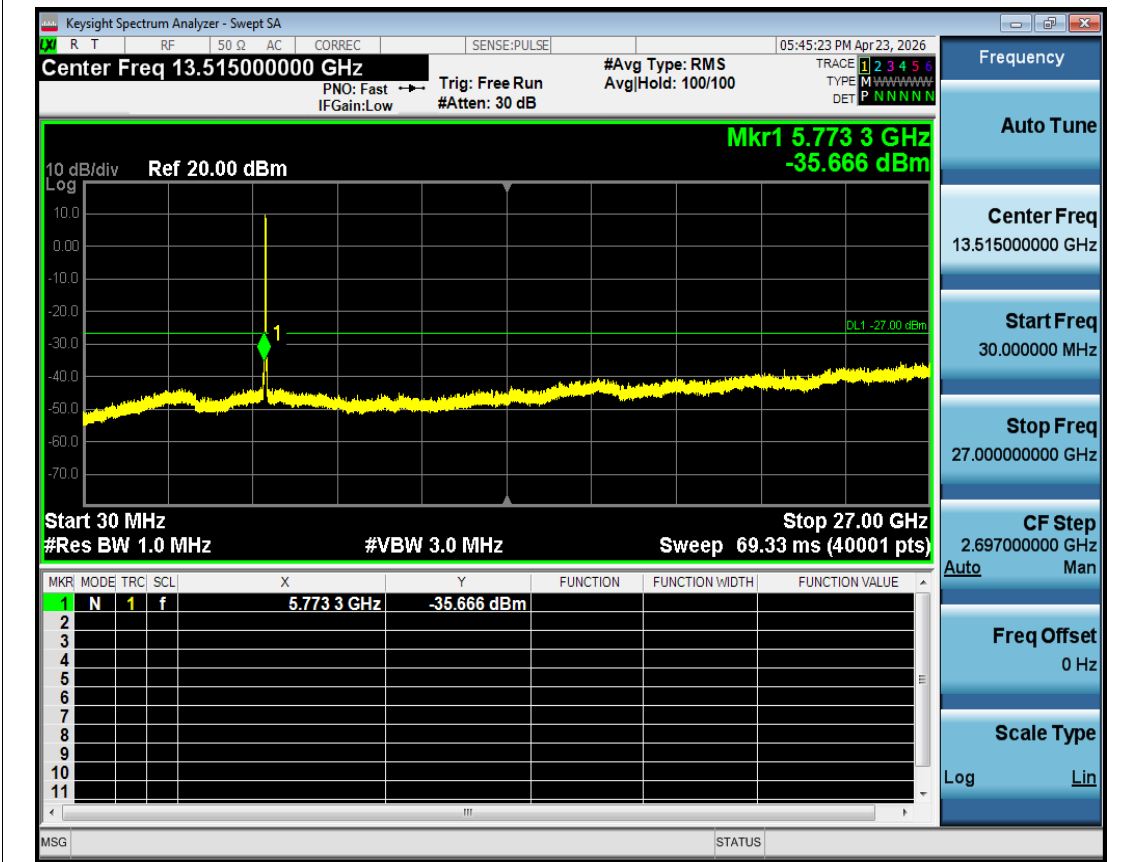
Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



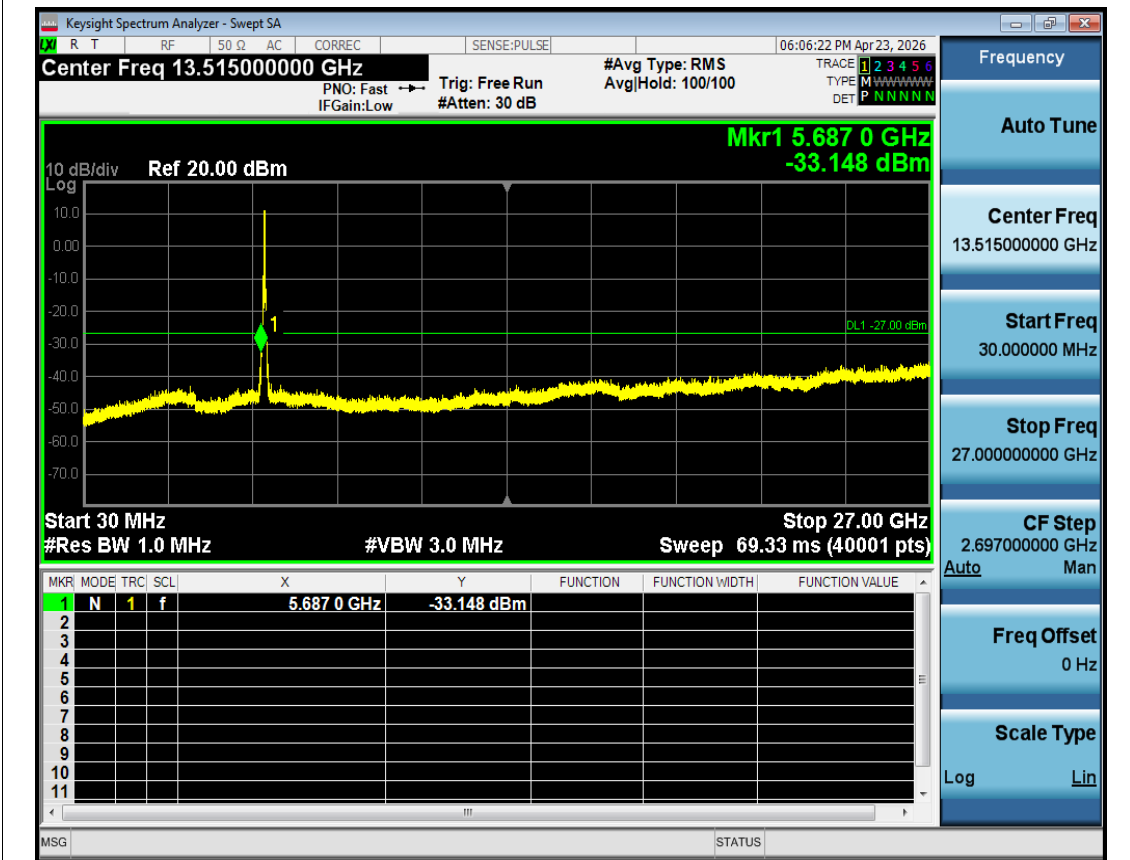
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



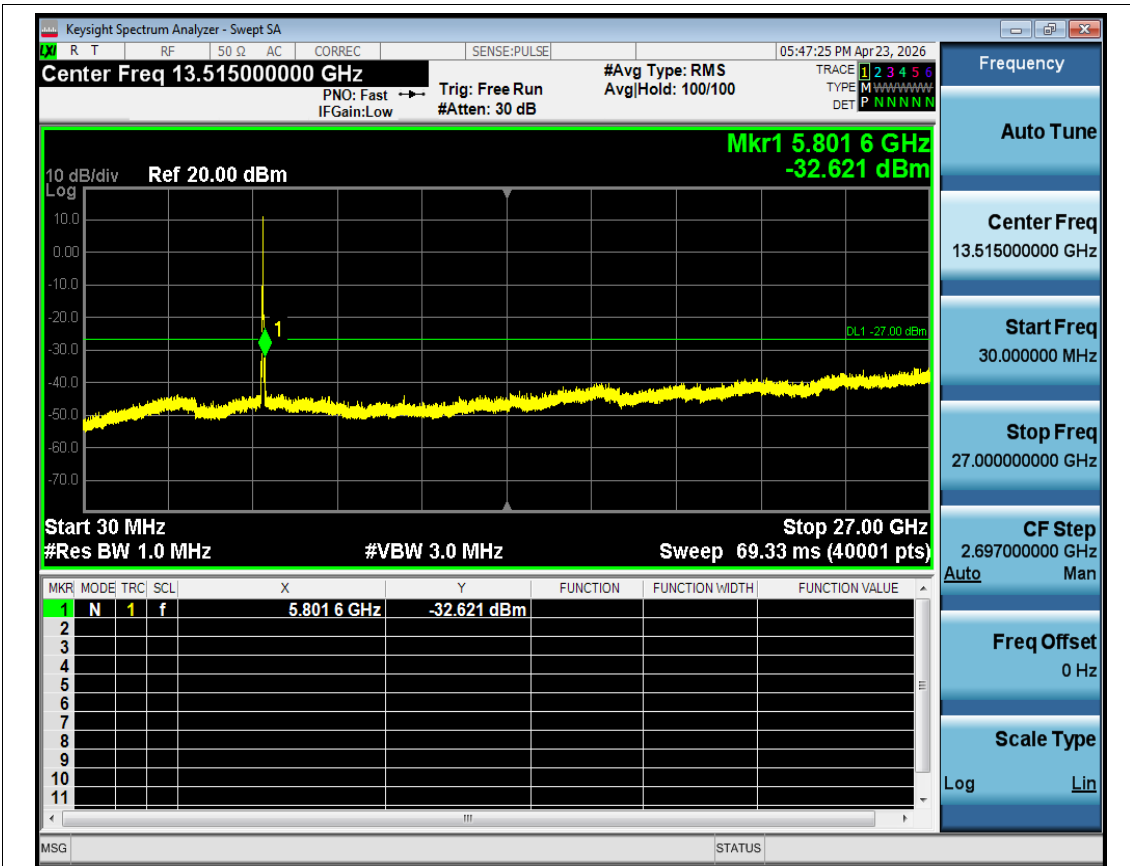
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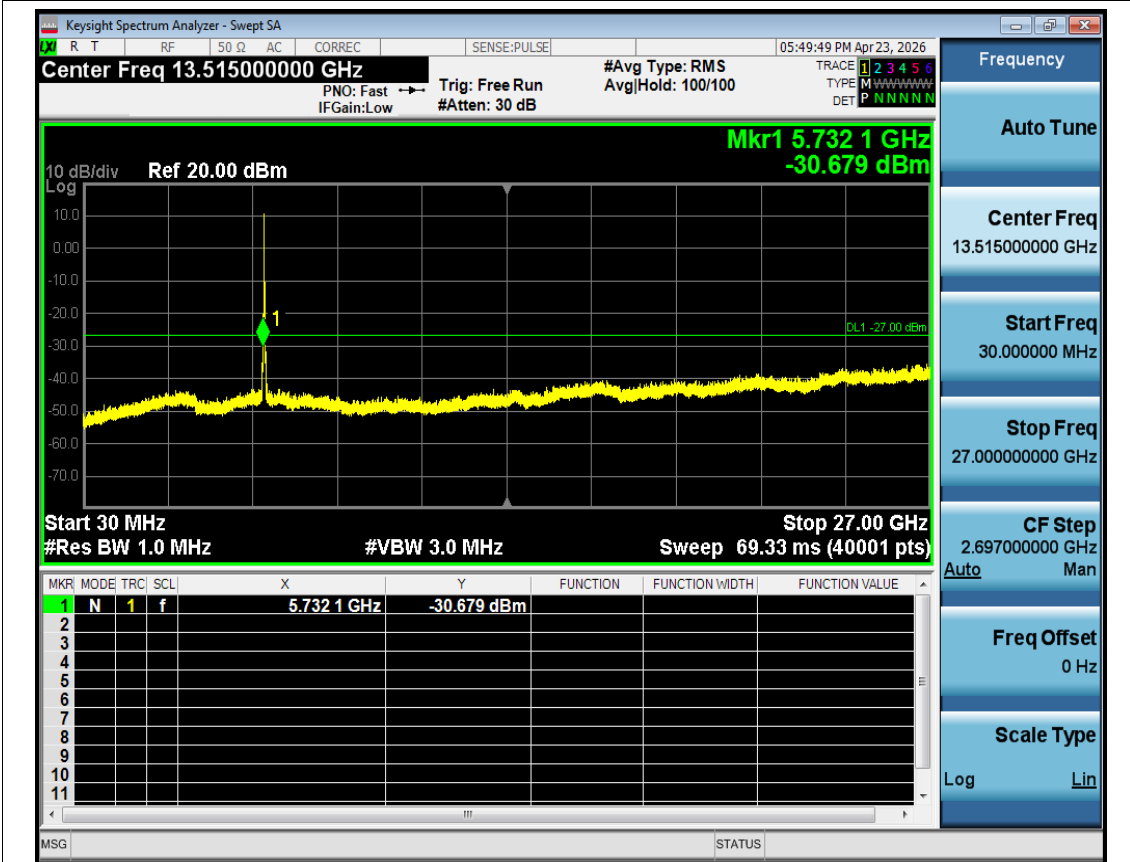
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



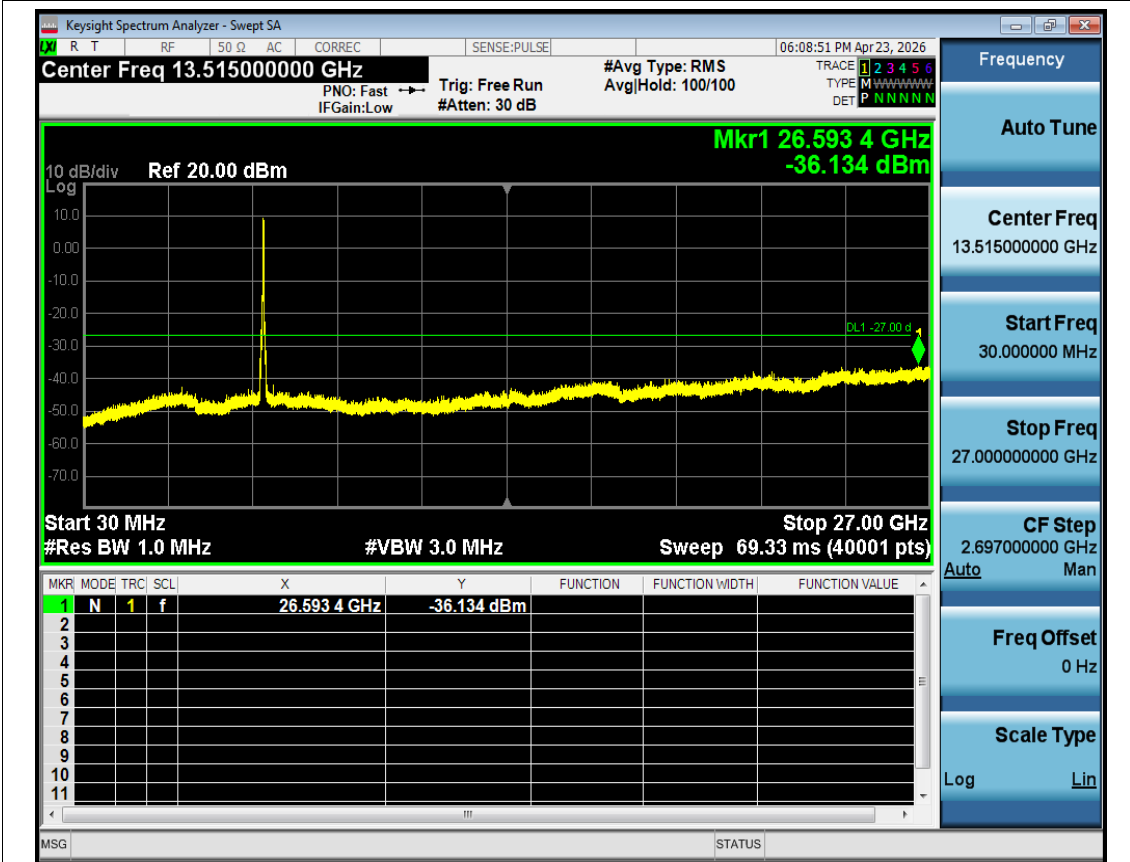
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



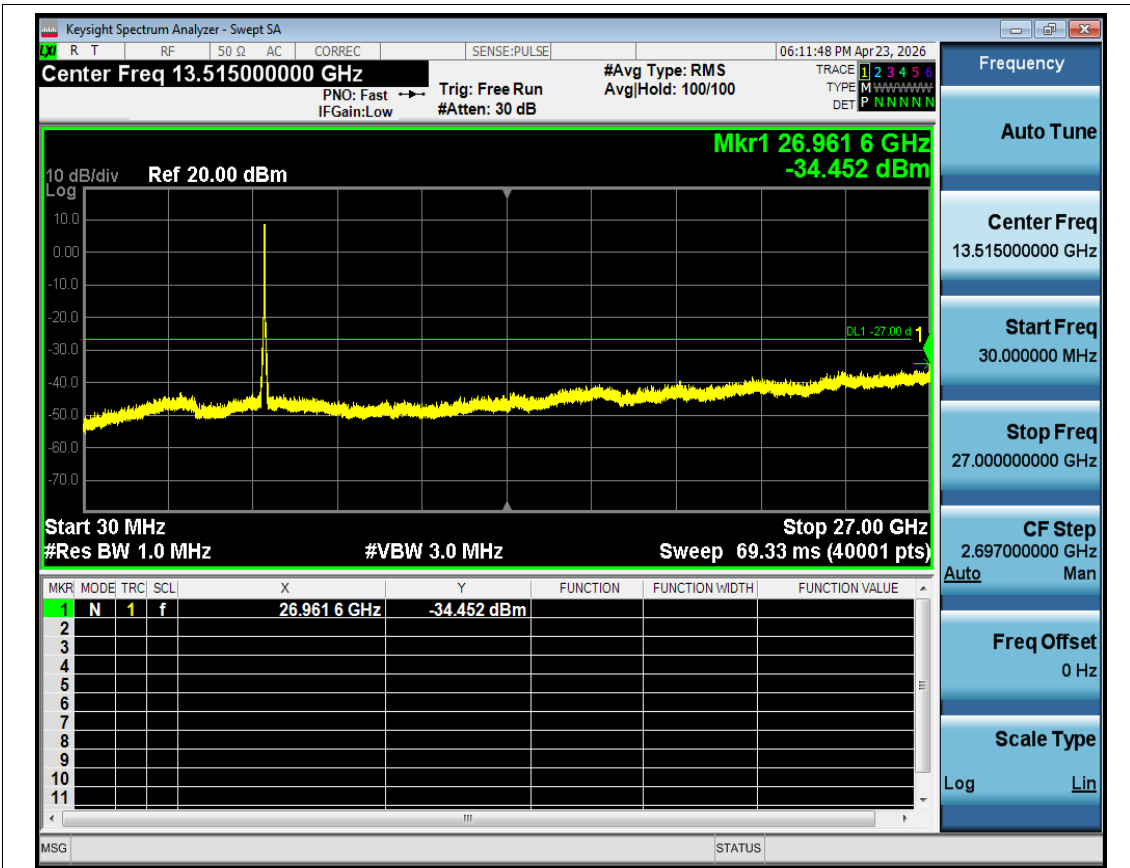
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



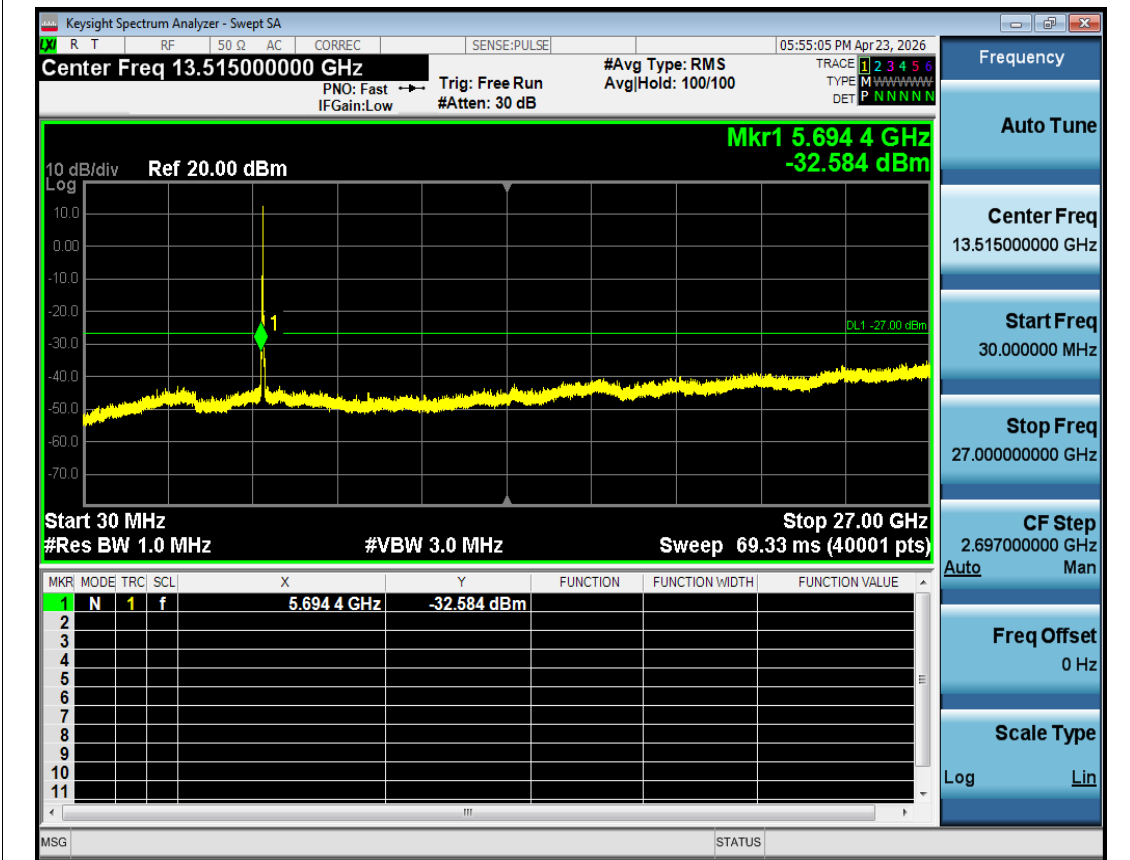
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



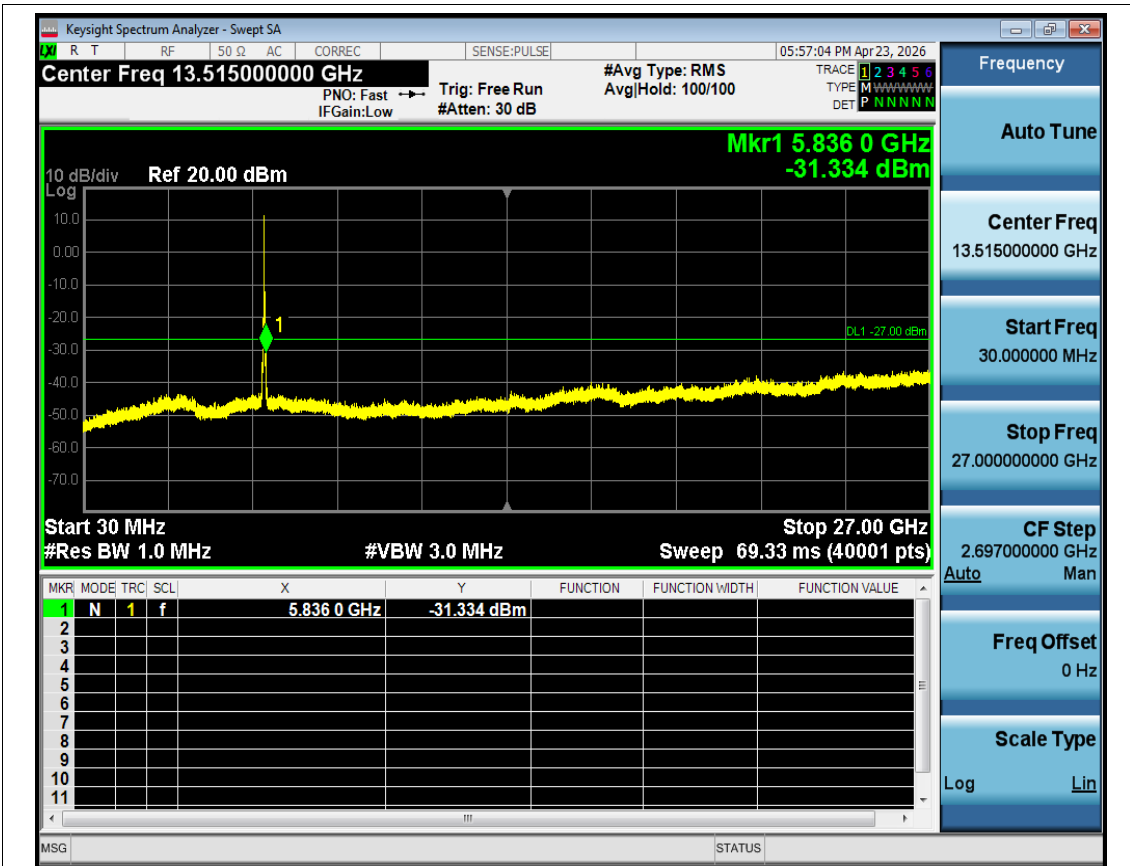
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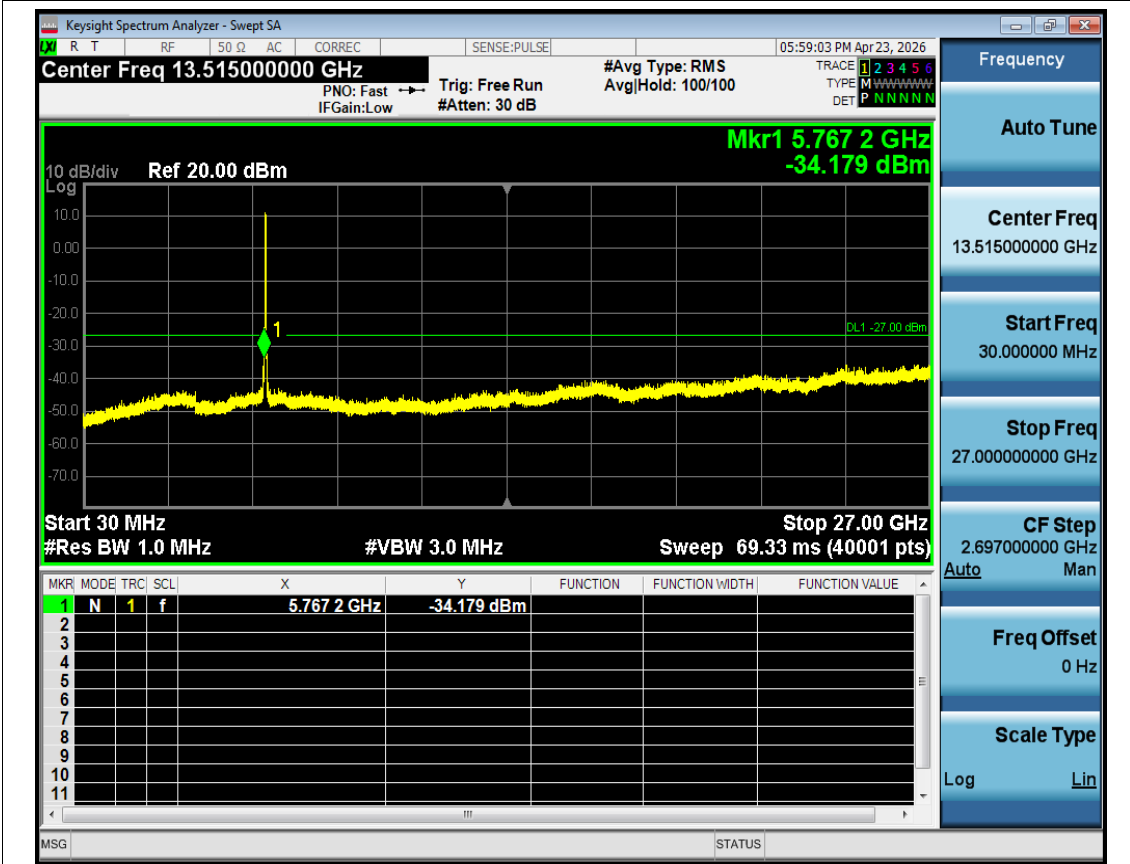
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



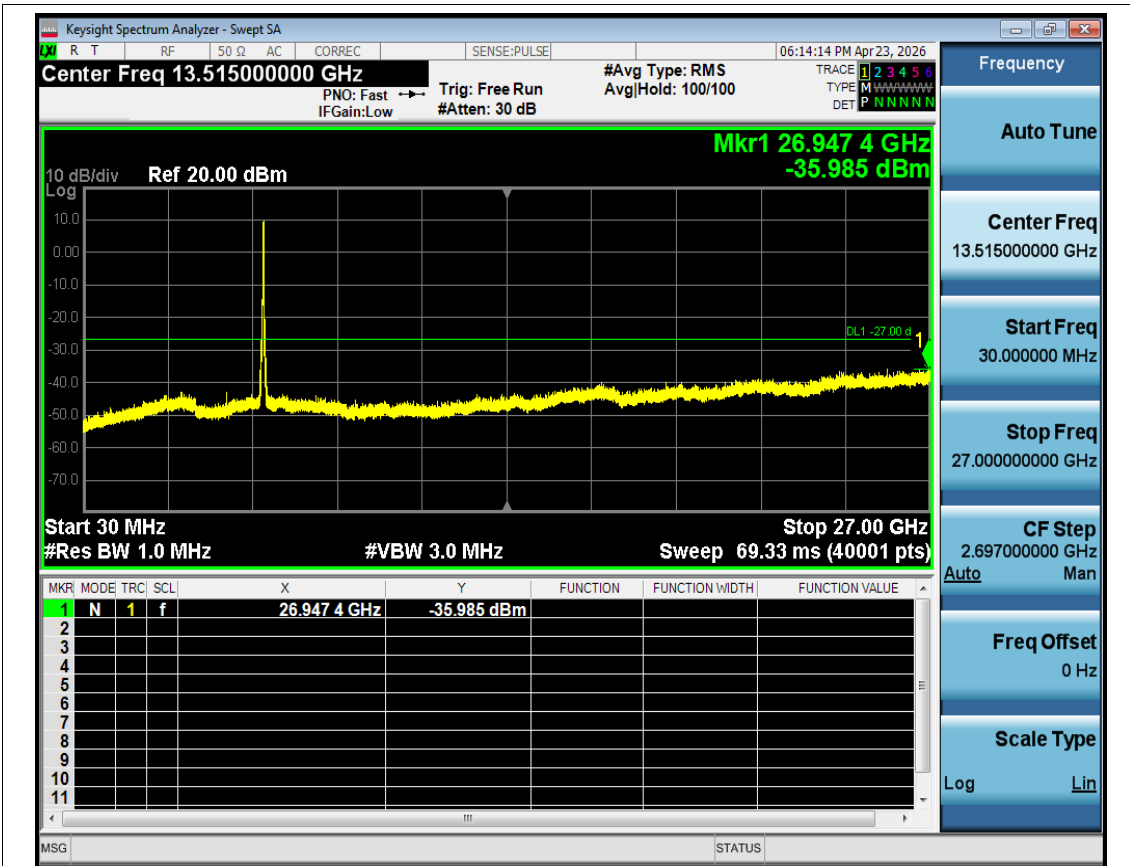
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



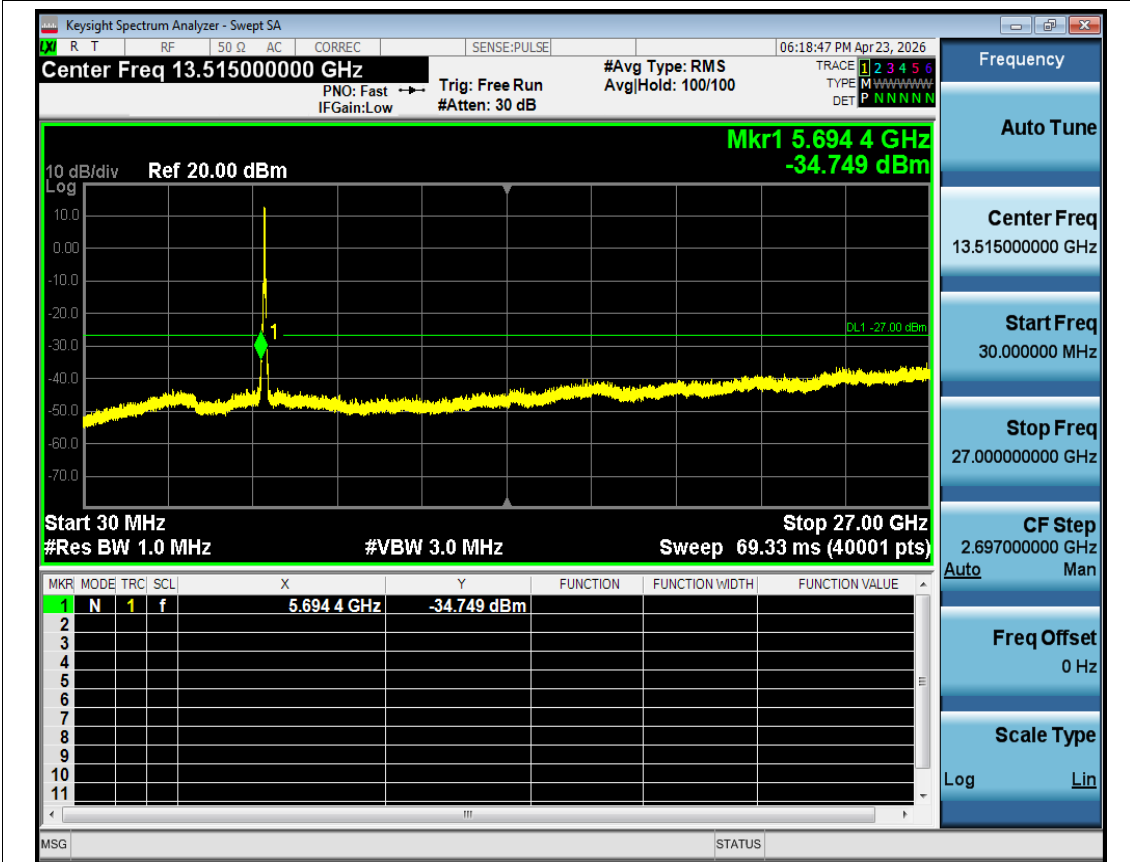
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission