

Test Data

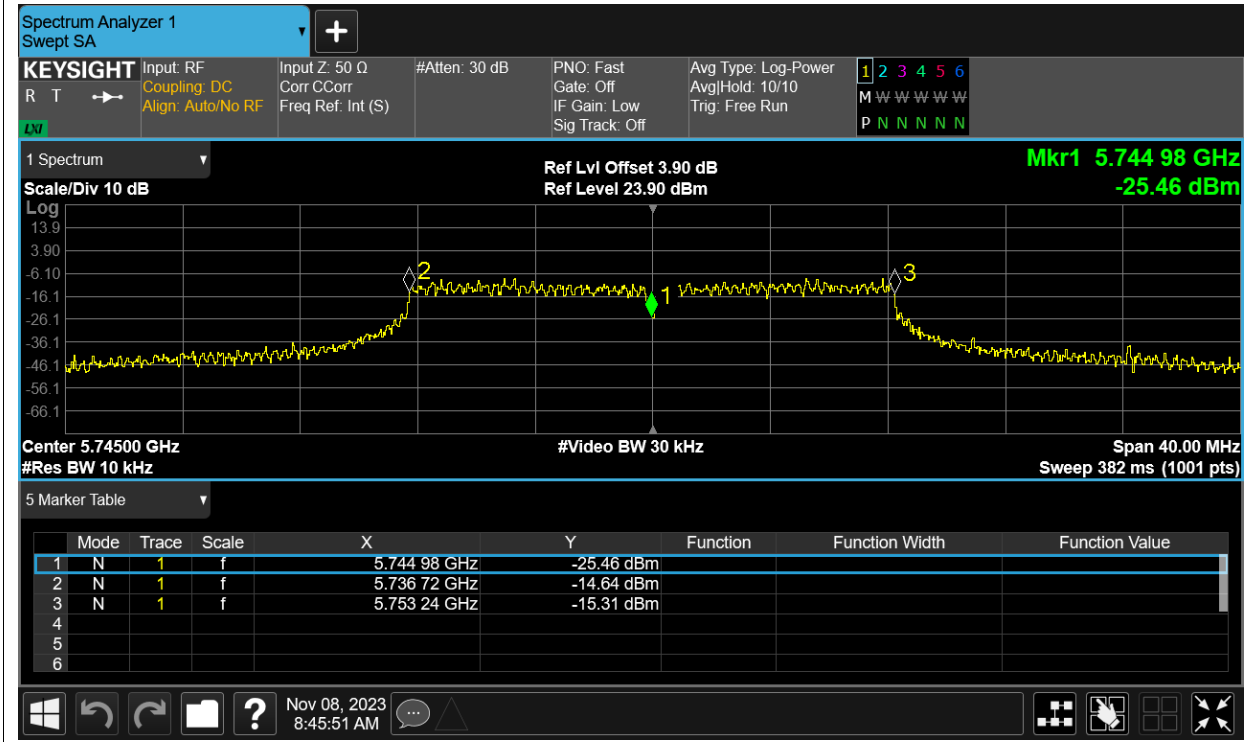
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.98	-3.48	Within authorized band	Pass
LVNT	a	5745	Ant1	5744.98	-3.48		Pass
NVHT	a	5745	Ant1	5744.98	-3.48		Pass
NVLT	a	5745	Ant1	5744.96	-6.96		Pass
NVNT	a	5745	Ant1	5744.96	-6.96		Pass
HVNT	ac80	5775	Ant1	5775	0		Pass
LVNT	ac80	5775	Ant1	5775	0		Pass
NVHT	ac80	5775	Ant1	5775	0		Pass
NVLT	ac80	5775	Ant1	5775	0		Pass
NVNT	ac80	5775	Ant1	5775	0		Pass
HVNT	n40	5755	Ant1	5755	0		Pass
LVNT	n40	5755	Ant1	5755	0		Pass
NVHT	n40	5755	Ant1	5754.96	-6.95		Pass
NVLT	n40	5755	Ant1	5755	0		Pass
NVNT	n40	5755	Ant1	5754.96	-6.95		Pass

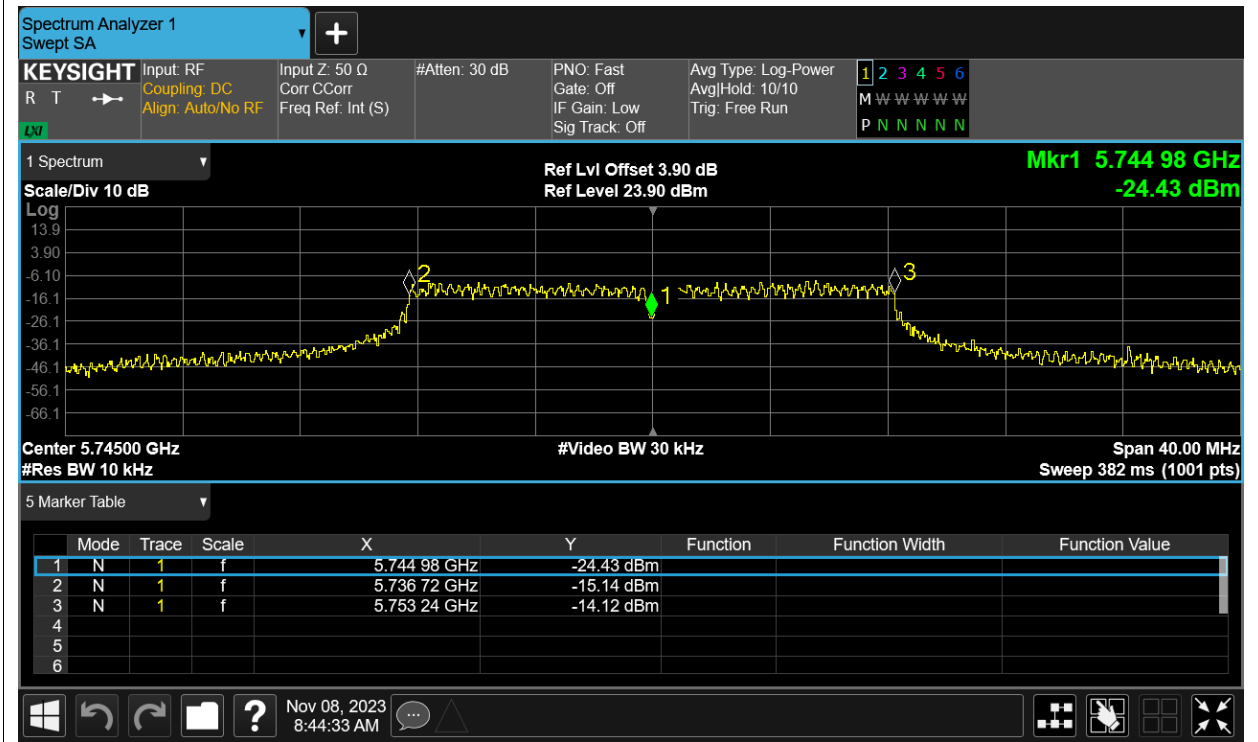
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature

Test Graphs

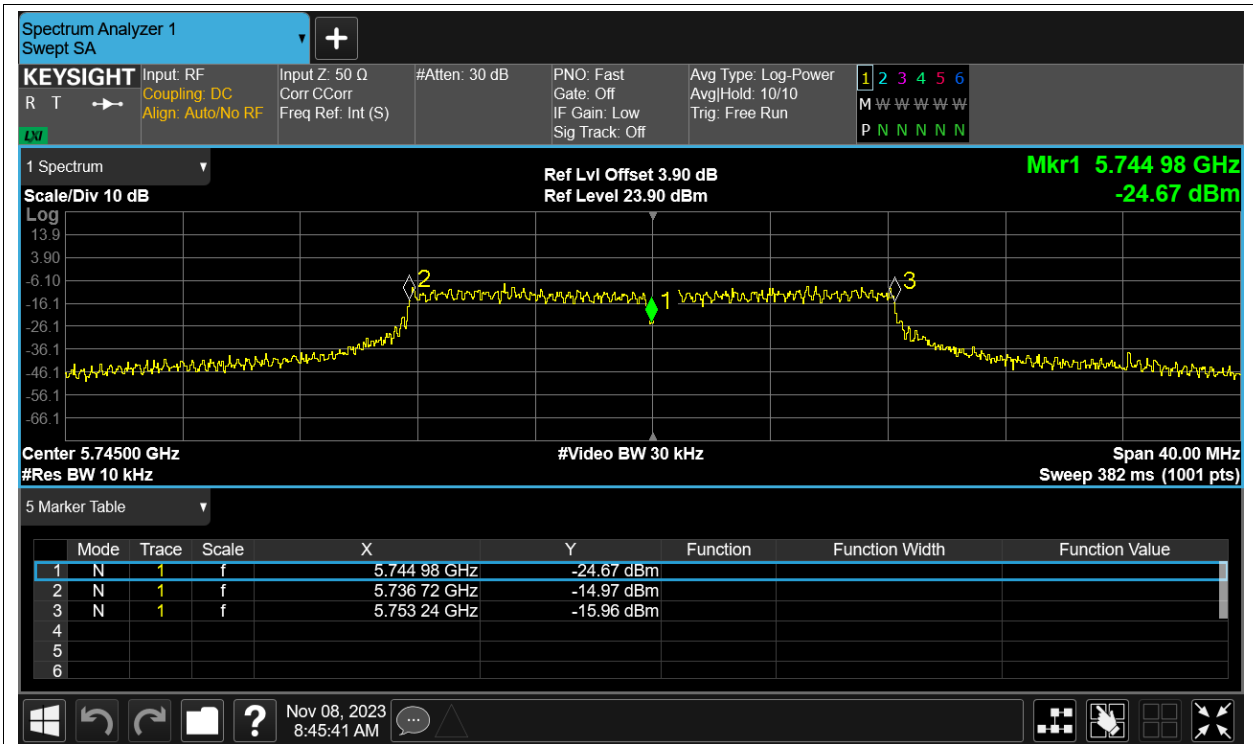
Freq. Stability HVNT a 5745MHz Ant1



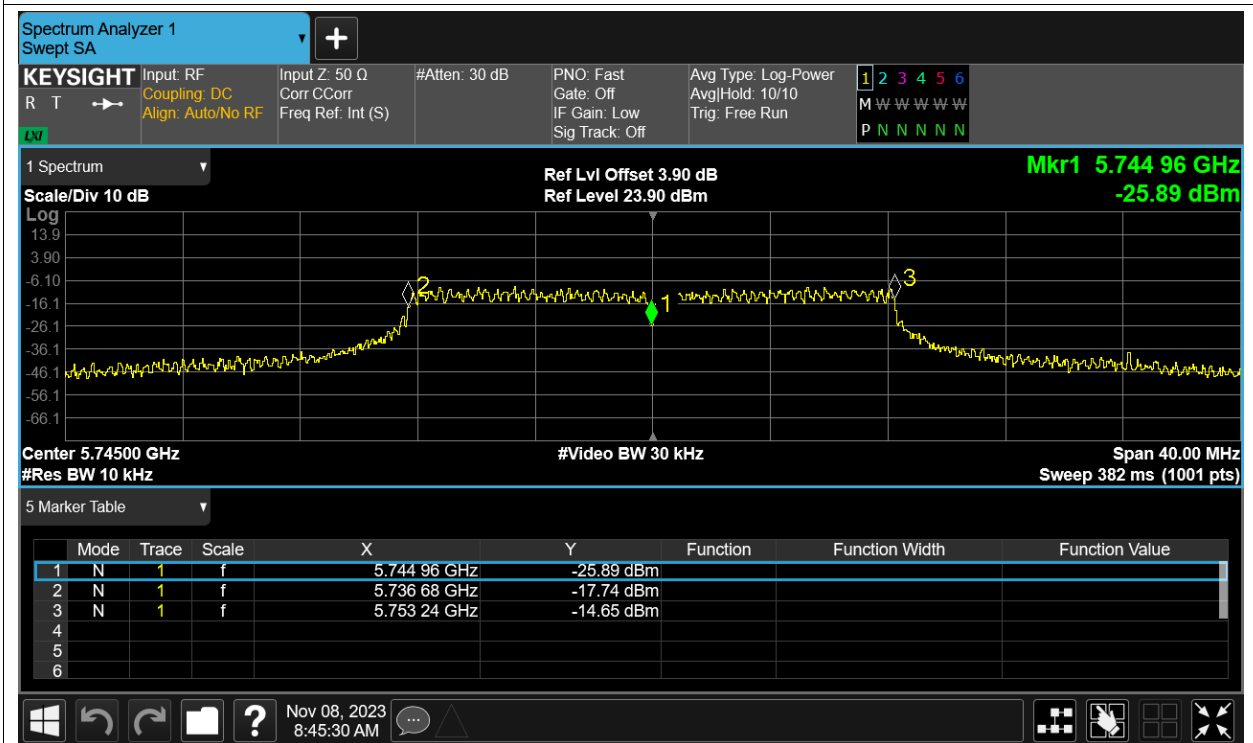
Freq. Stability LVNT a 5745MHz Ant1



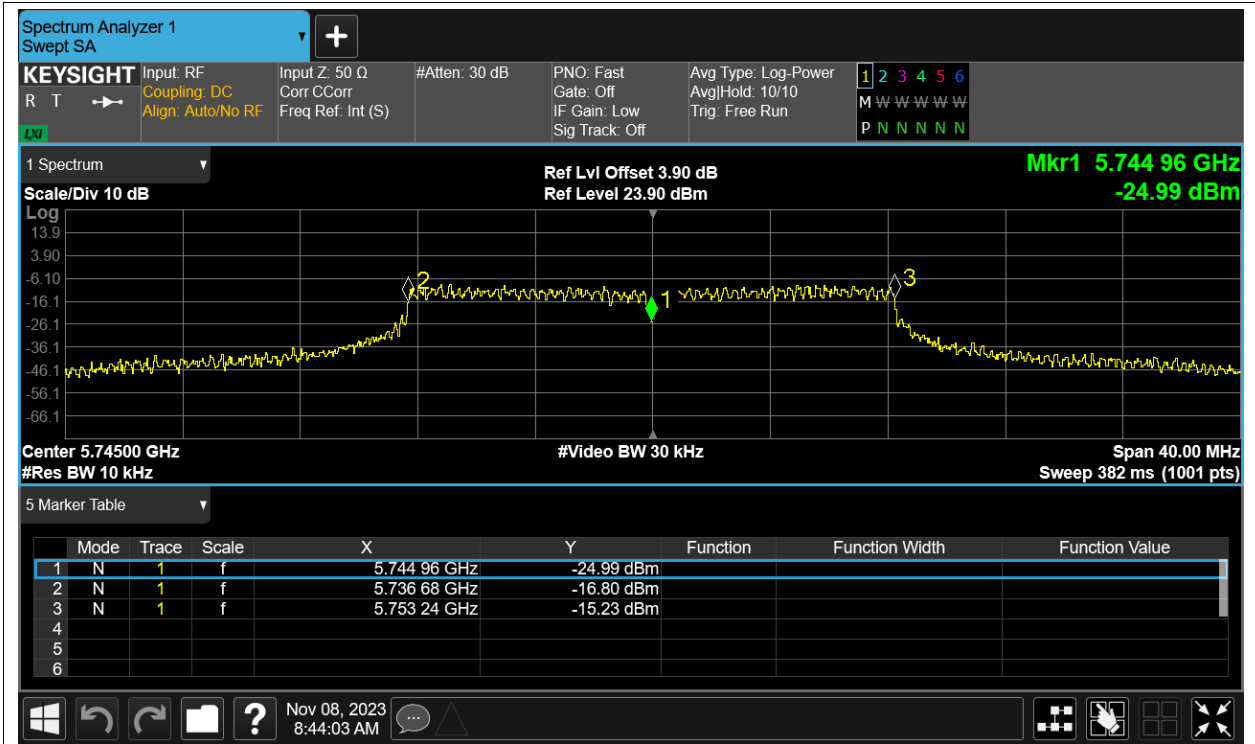
Freq. Stability NVHT a 5745MHz Ant1



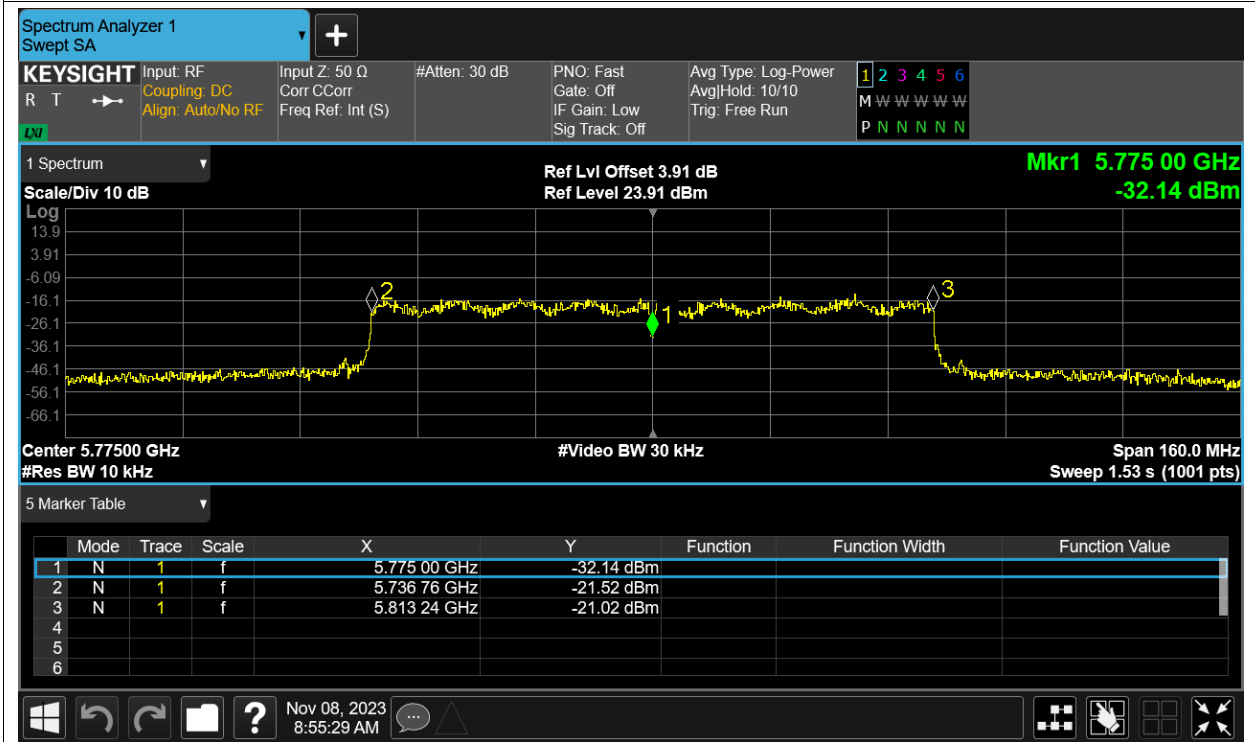
Freq. Stability NVLT a 5745MHz Ant1



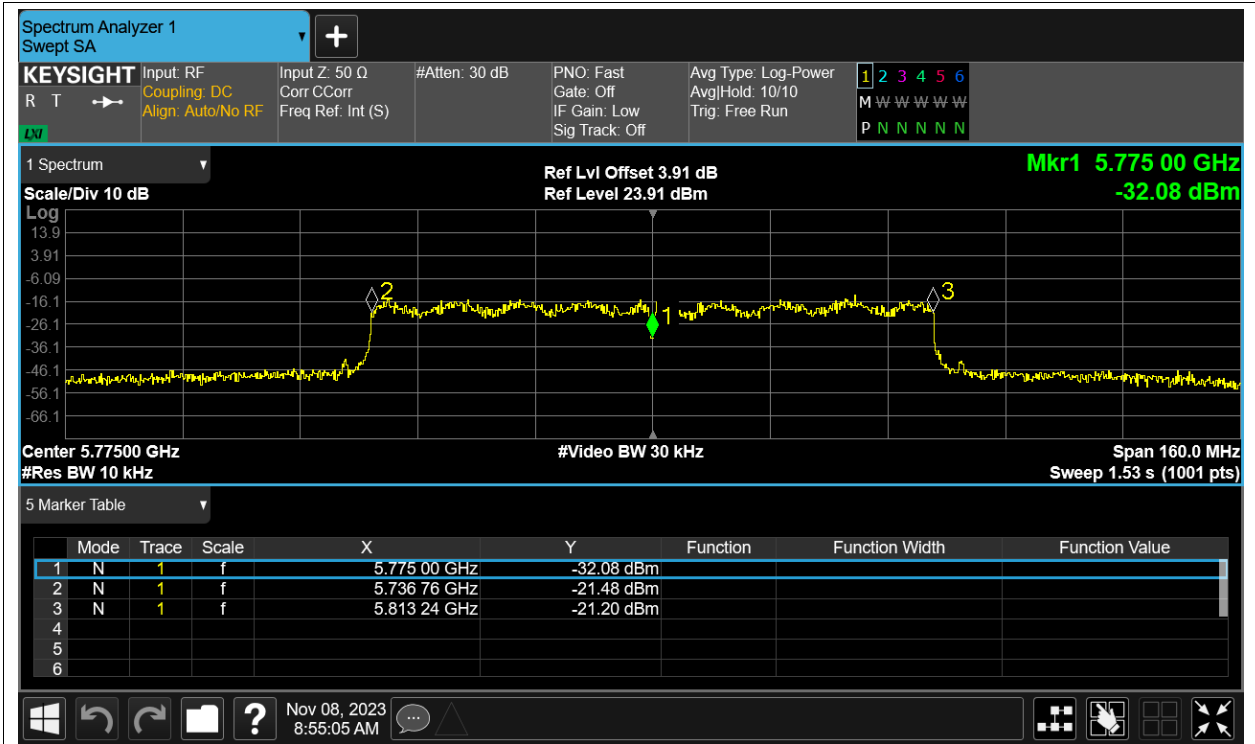
Freq. Stability NVNT a 5745MHz Ant1



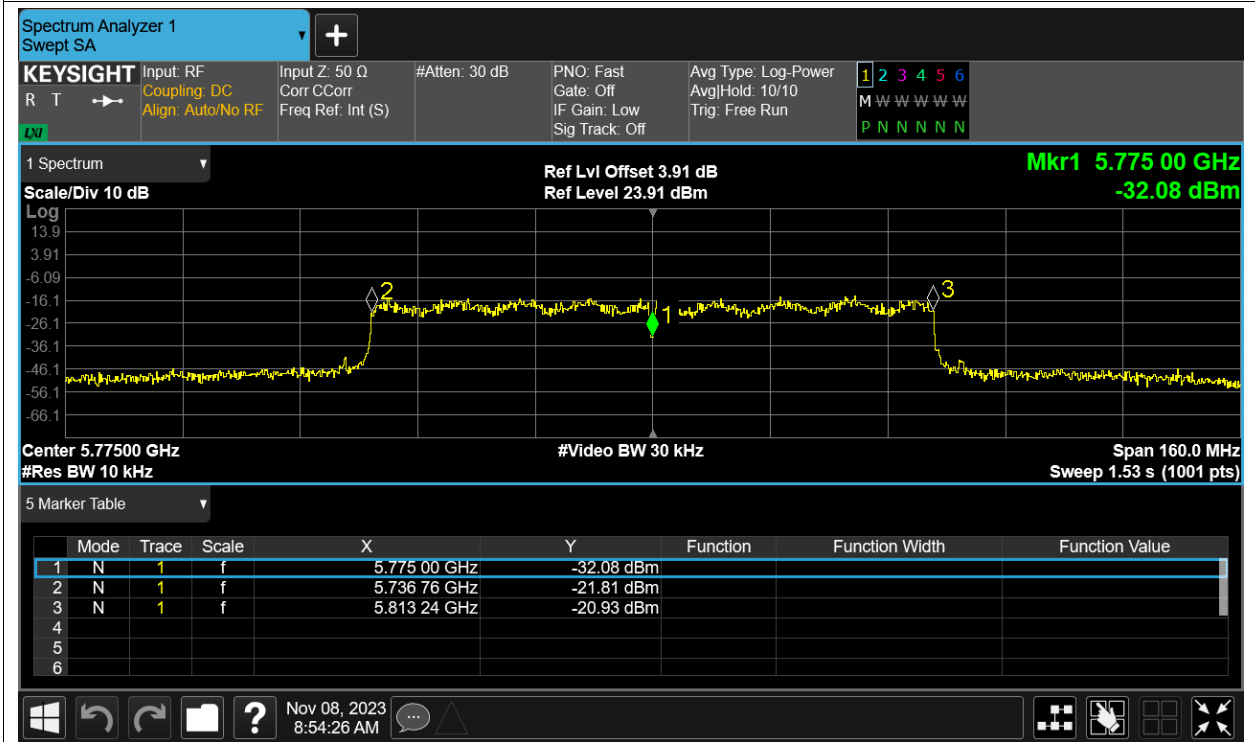
Freq. Stability HVNT ac80 5775MHz Ant1



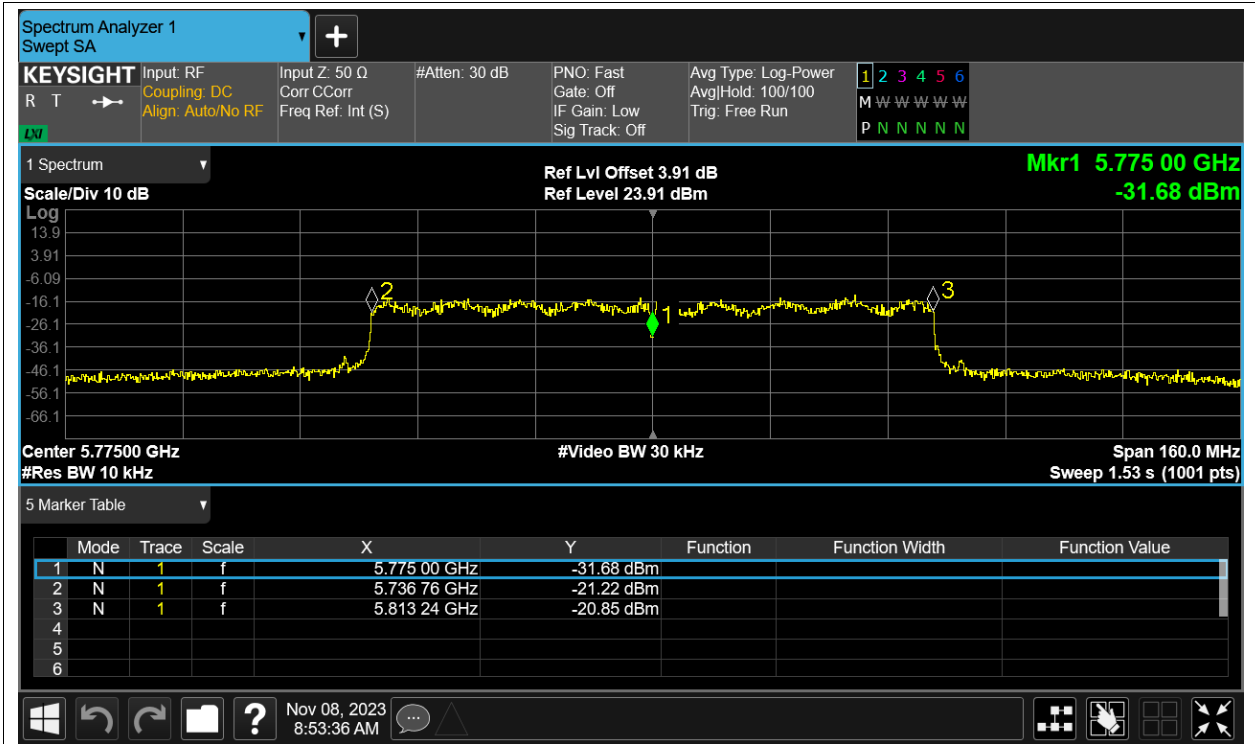
Freq. Stability LVNT ac80 5775MHz Ant1



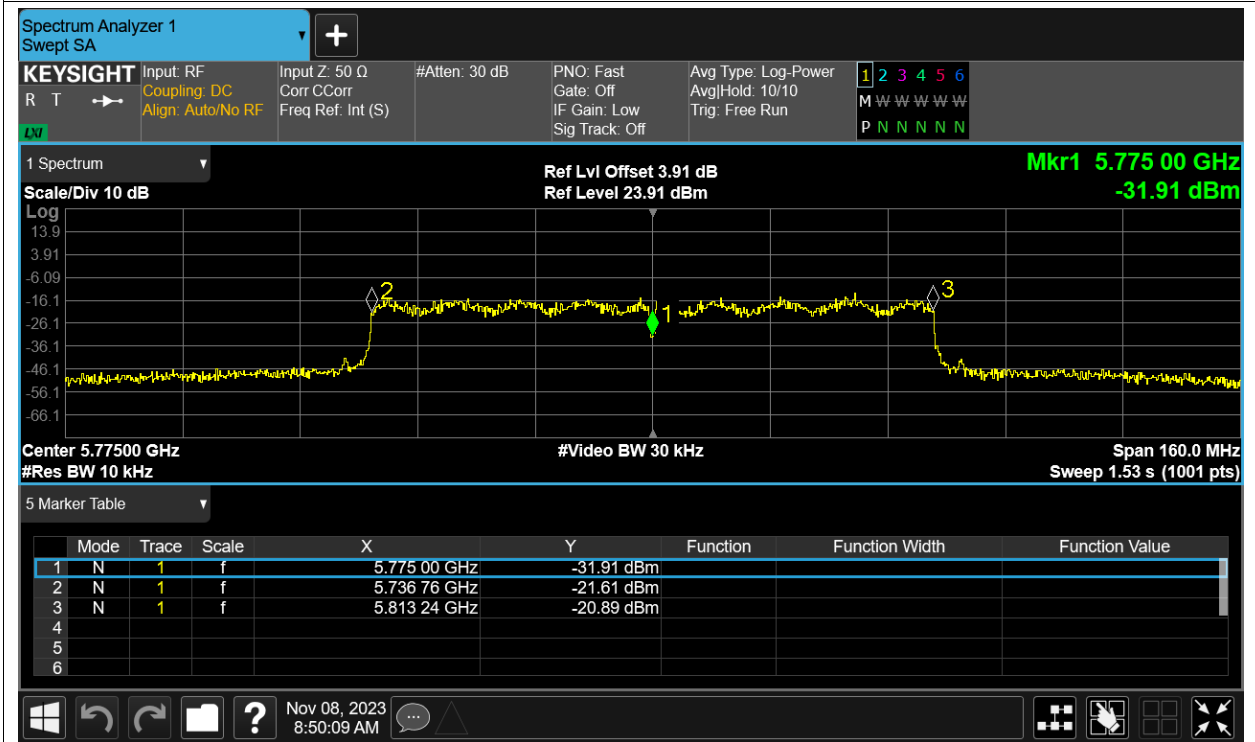
Freq. Stability NVHT ac80 5775MHz Ant1



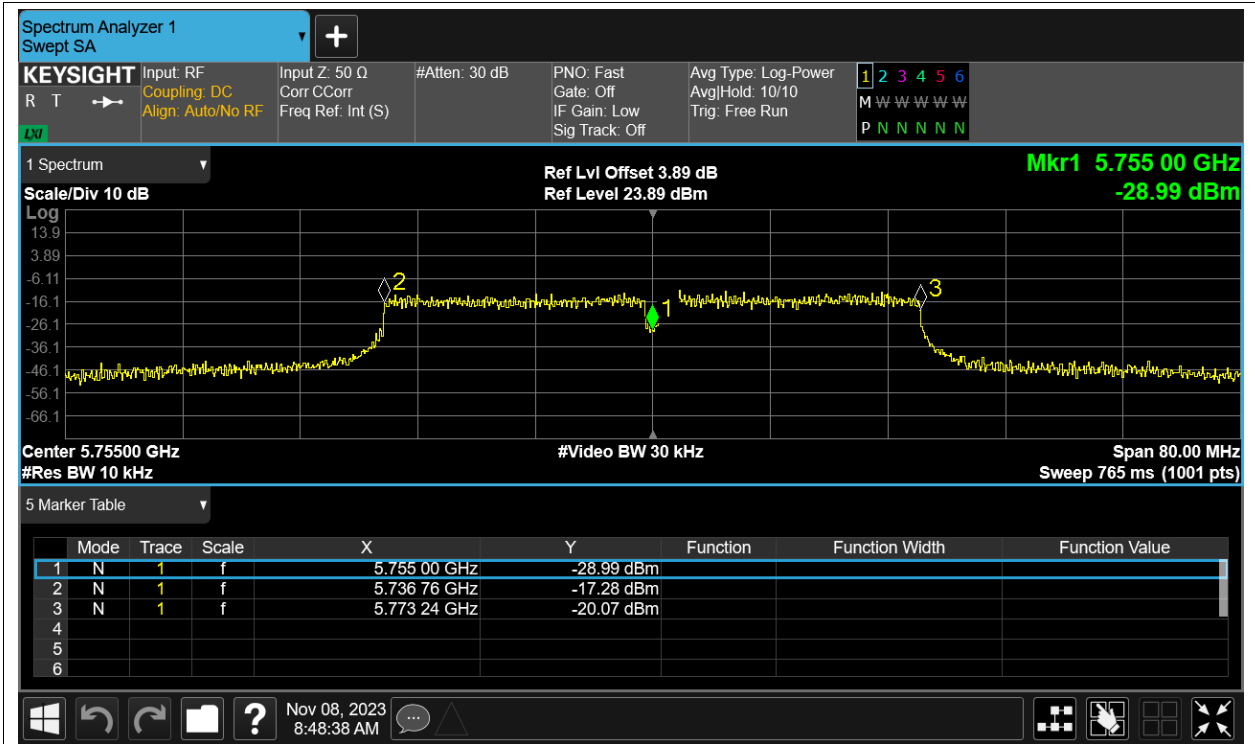
Freq. Stability NVLT ac80 5775MHz Ant1



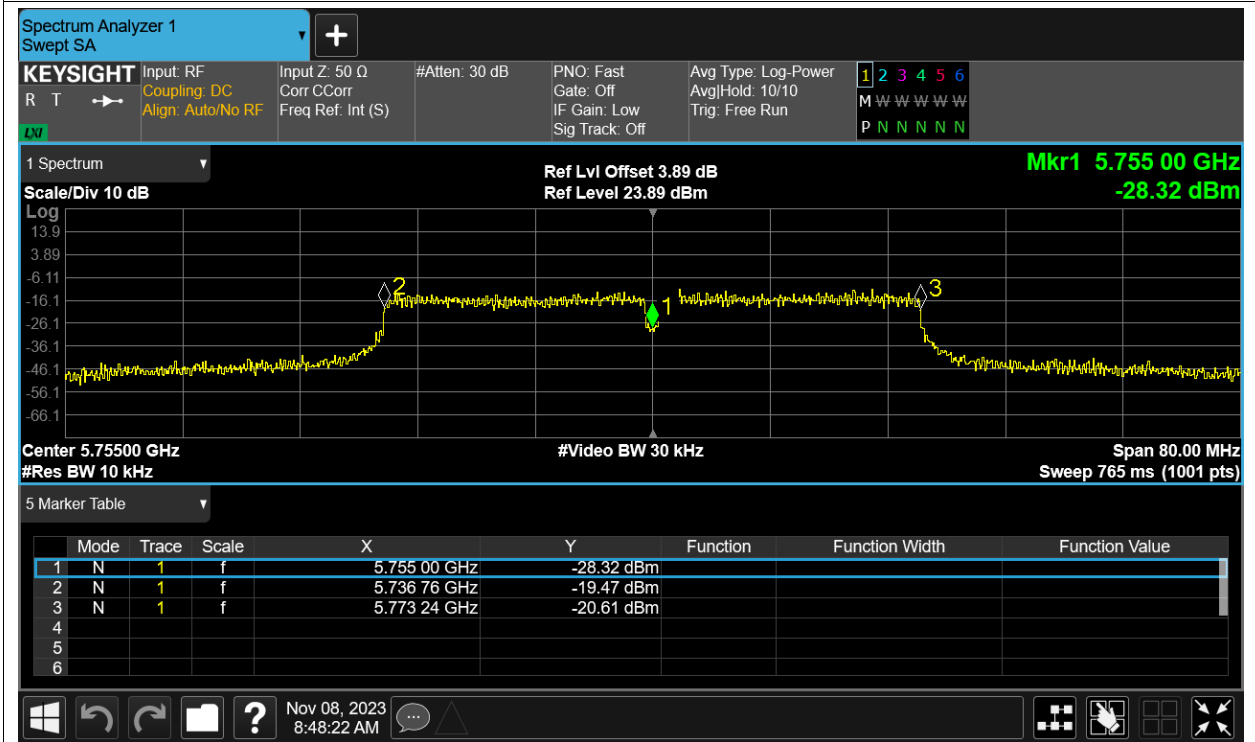
Freq. Stability NVNT ac80 5775MHz Ant1



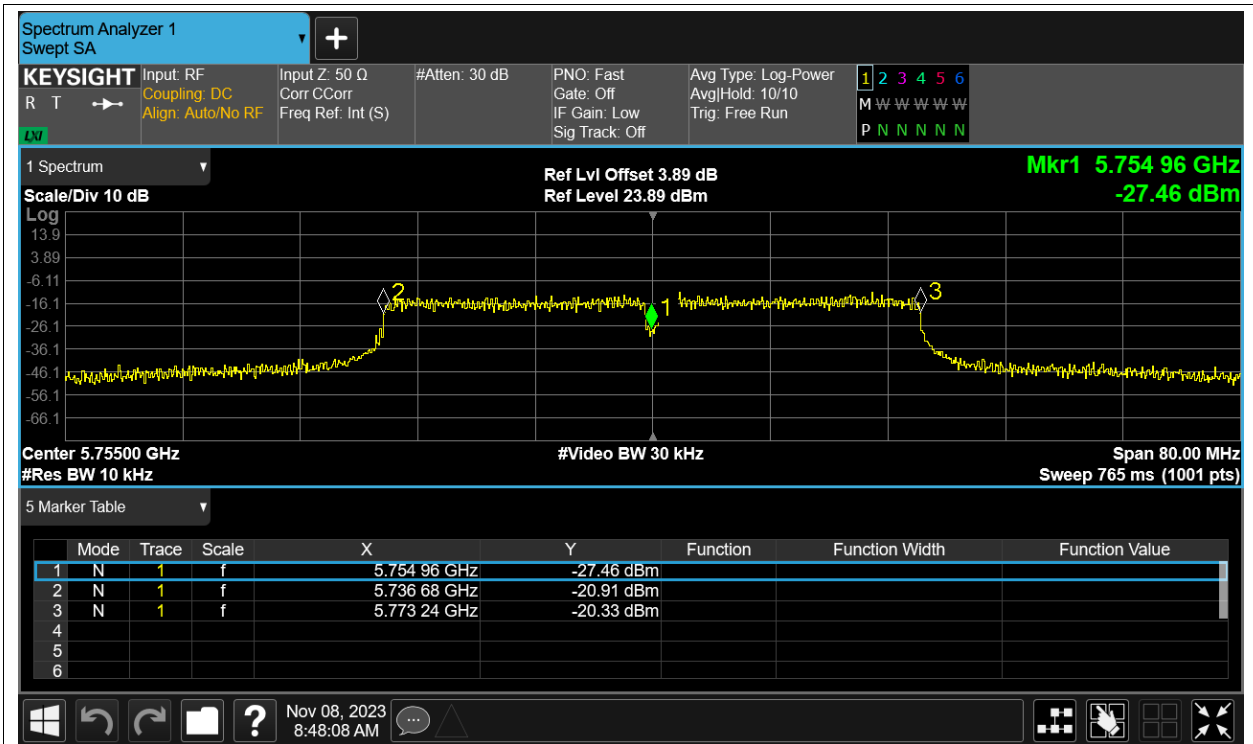
Freq. Stability HVNT n40 5755MHz Ant1



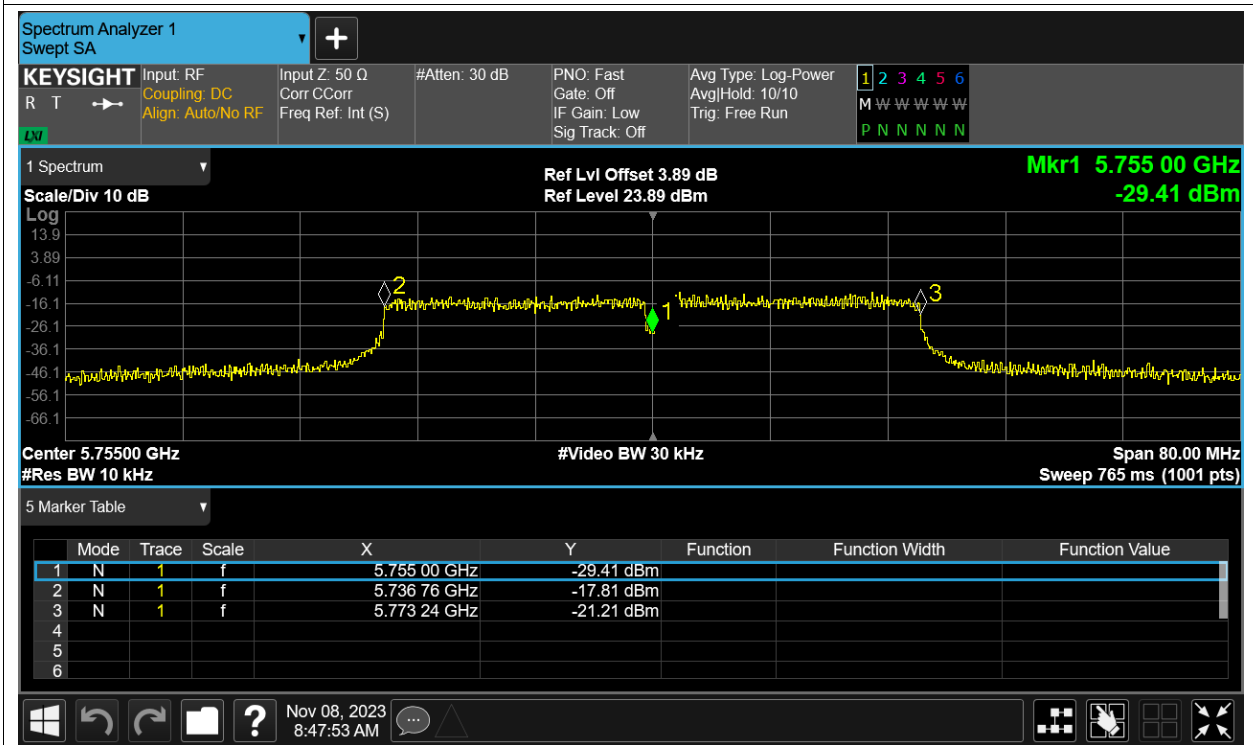
Freq. Stability LVNT n40 5755MHz Ant1



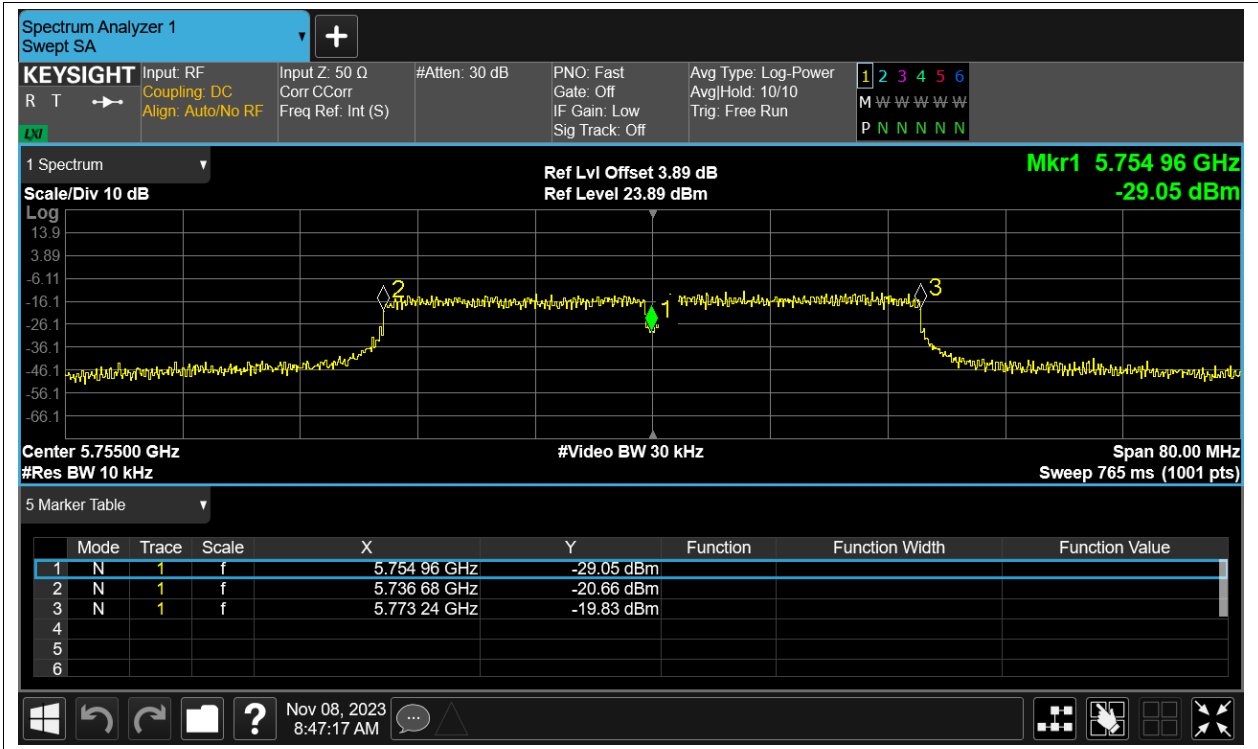
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

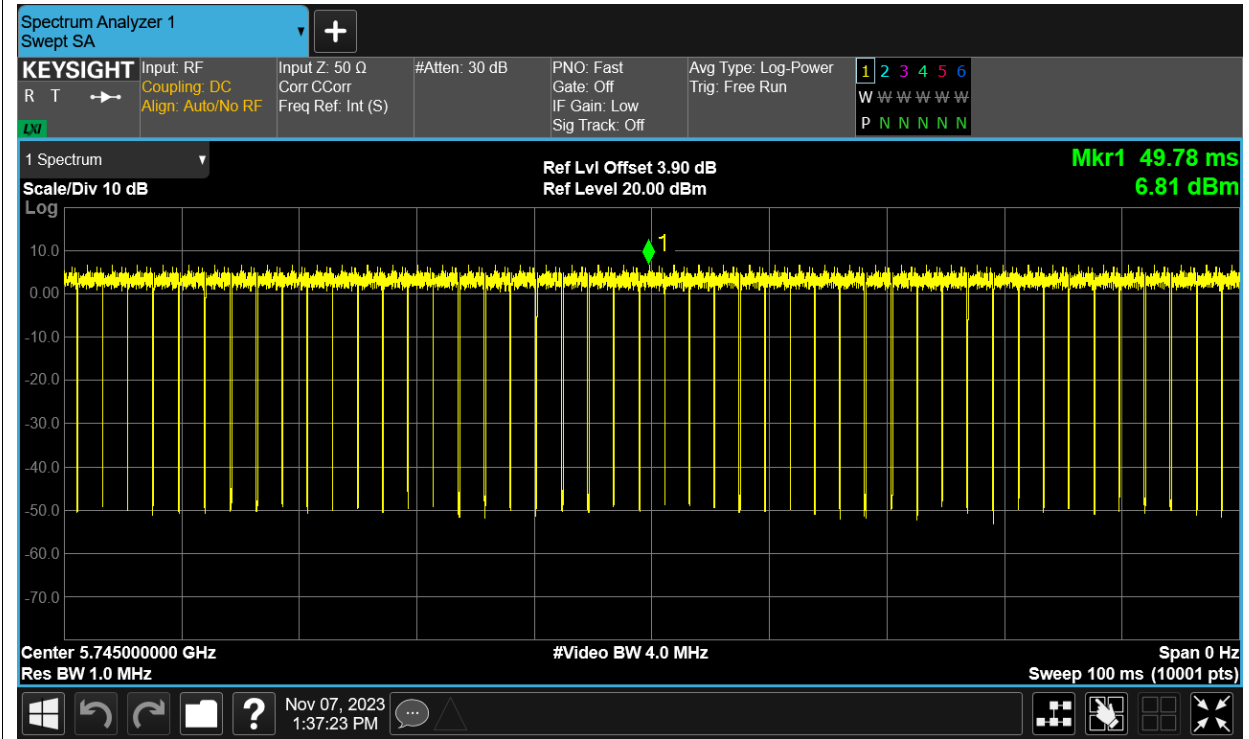


Duty Cycle

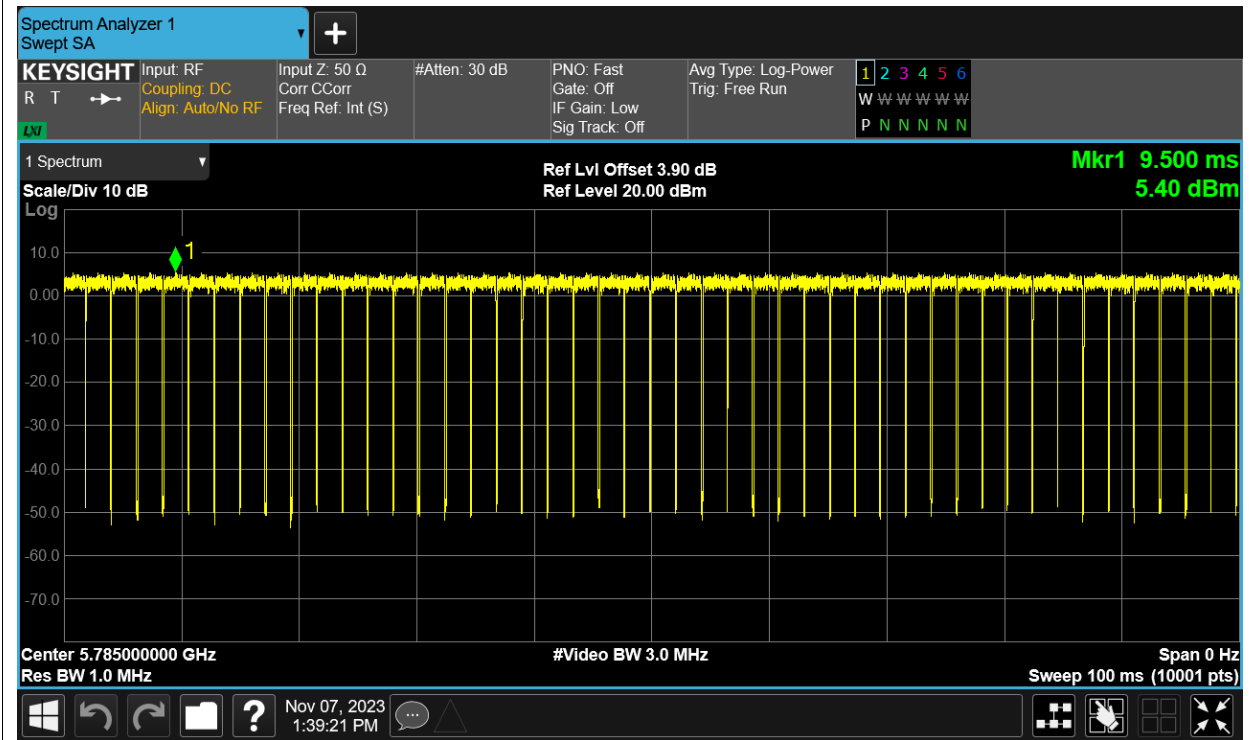
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	96.03	0.18
NVNT	a	5785	Ant1	95.47	0.2
NVNT	a	5825	Ant1	95.35	0.21
NVNT	ac20	5745	Ant1	95.27	0.21
NVNT	ac20	5785	Ant1	95.3	0.21
NVNT	ac20	5825	Ant1	95.8	0.19
NVNT	ac40	5755	Ant1	91.64	0.38
NVNT	ac40	5795	Ant1	91.05	0.41
NVNT	ac80	5775	Ant1	84.03	0.76
NVNT	n20	5745	Ant1	95.02	0.22
NVNT	n20	5785	Ant1	95.22	0.21
NVNT	n20	5825	Ant1	95.36	0.21
NVNT	n40	5755	Ant1	91.31	0.39
NVNT	n40	5795	Ant1	90.77	0.42

Test Graphs

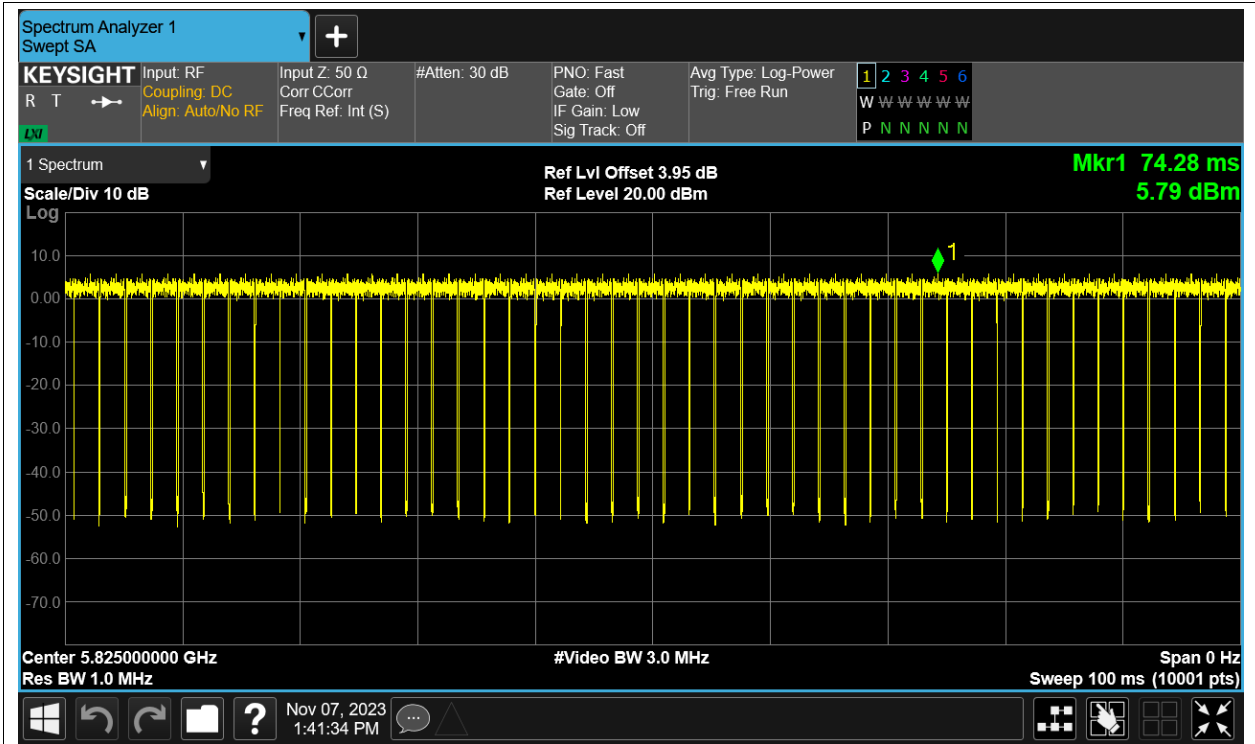
Duty Cycle NVNT a 5745MHz Ant1



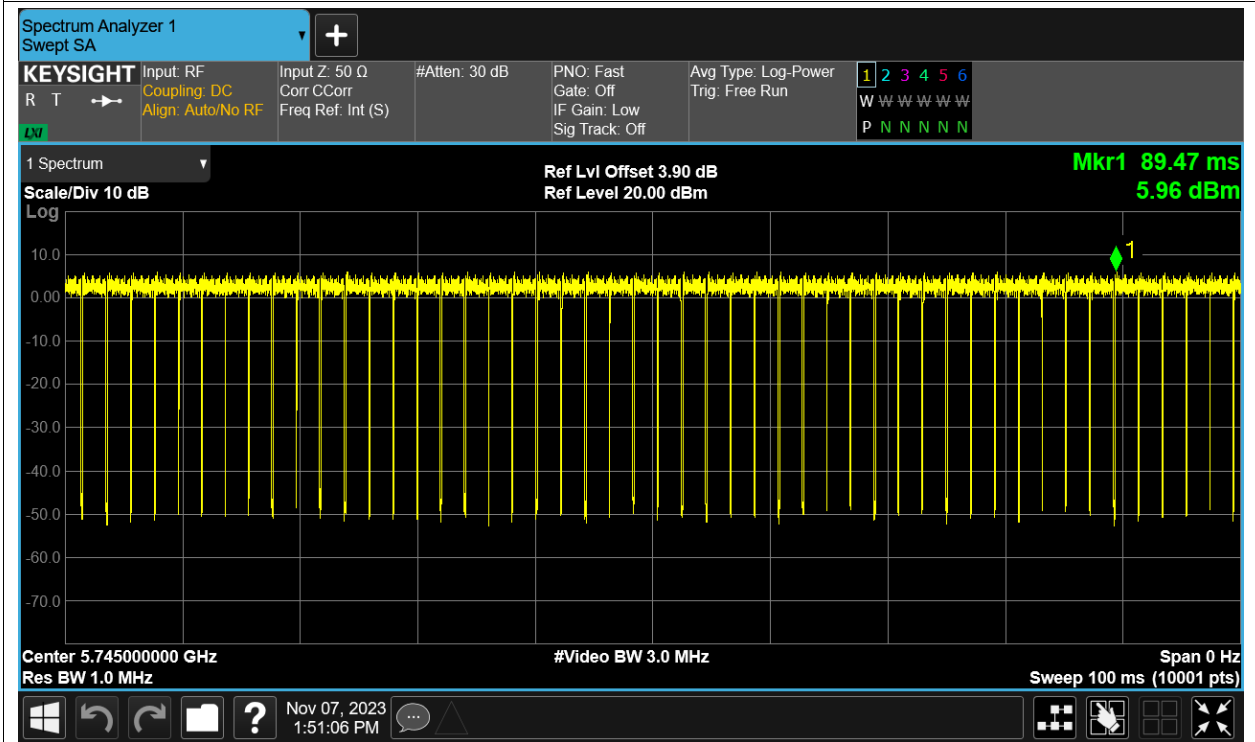
Duty Cycle NVNT a 5785MHz Ant1



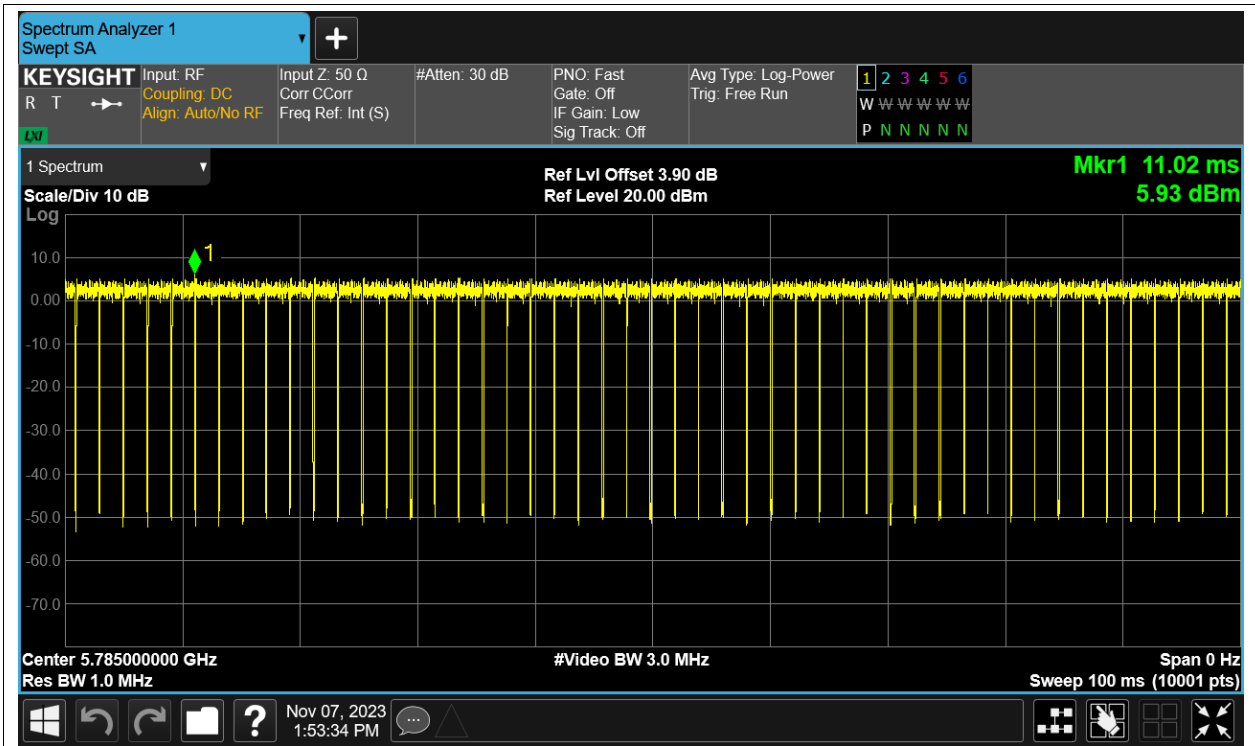
Duty Cycle NVNT a 5825MHz Ant1



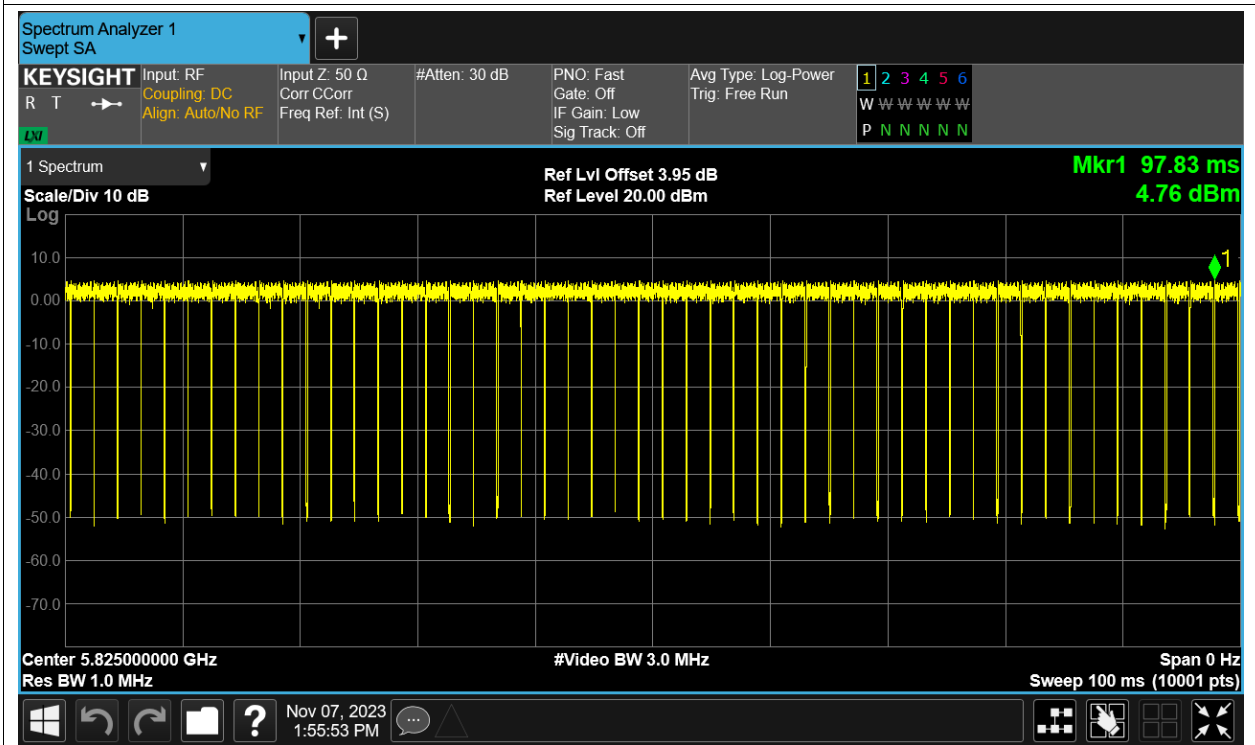
Duty Cycle NVNT ac20 5745MHz Ant1



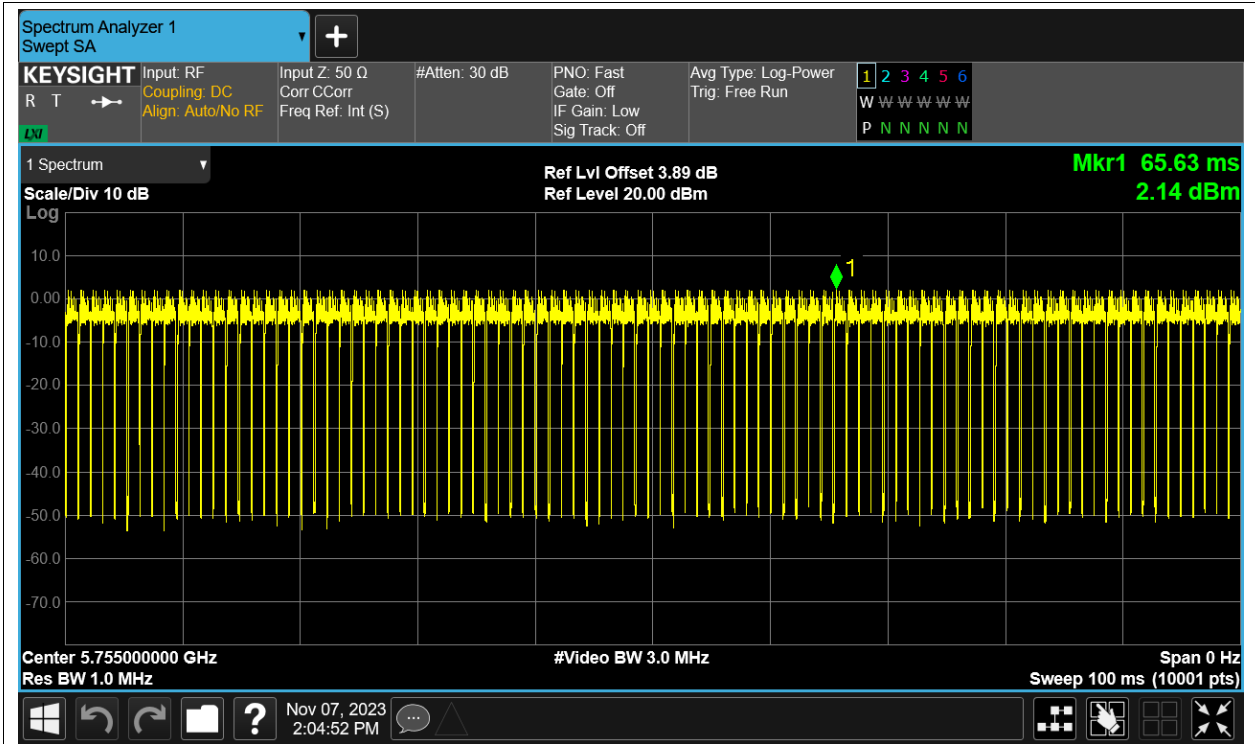
Duty Cycle NVNT ac20 5785MHz Ant1



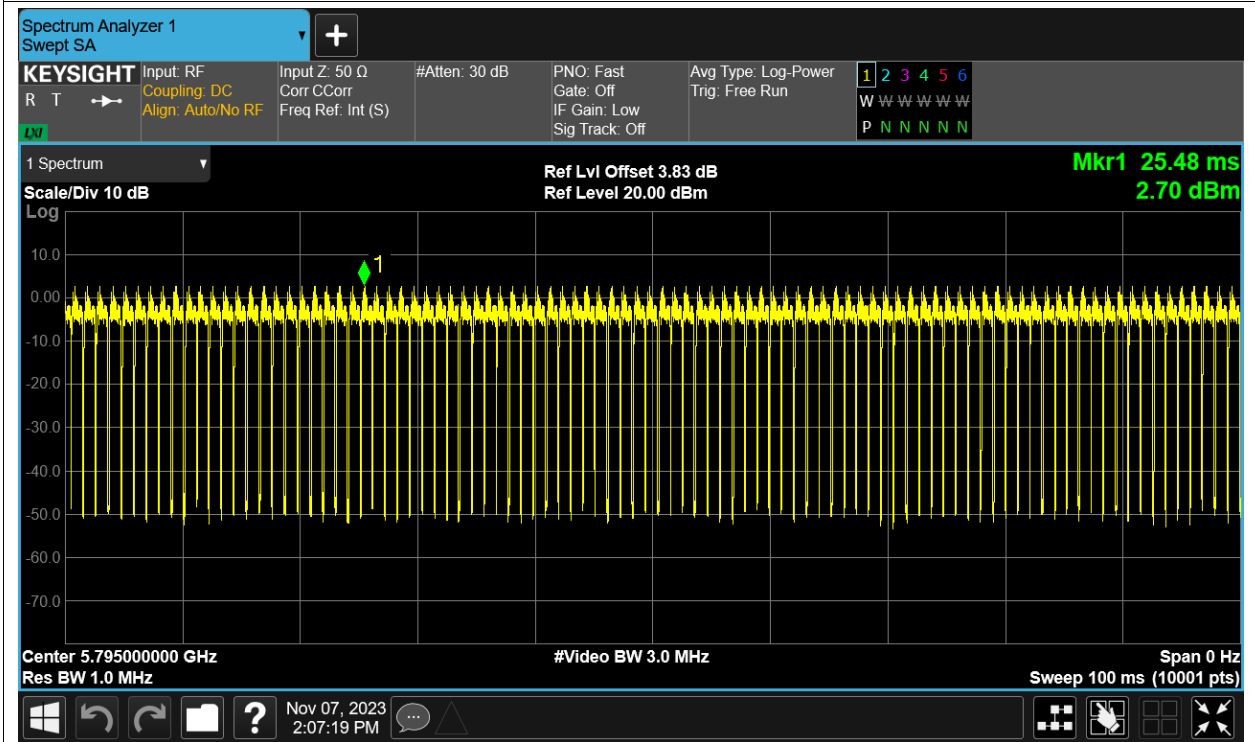
Duty Cycle NVNT ac20 5825MHz Ant1



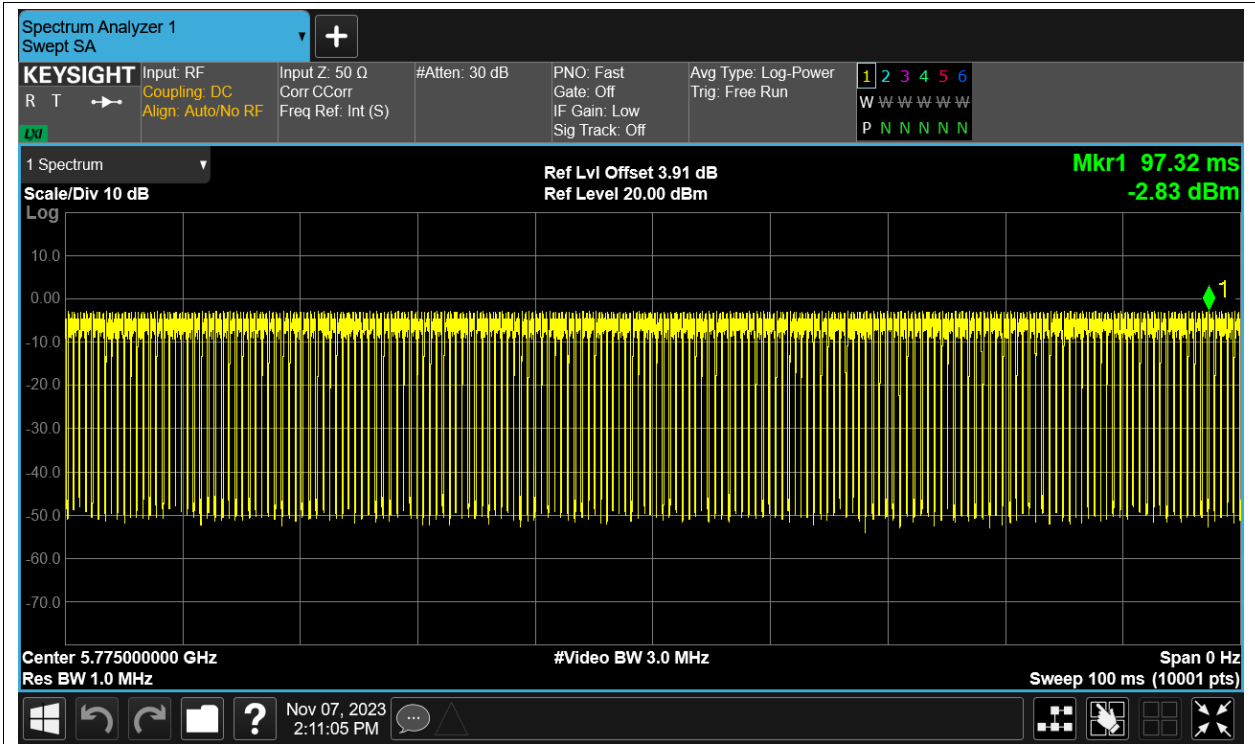
Duty Cycle NVNT ac40 5755MHz Ant1



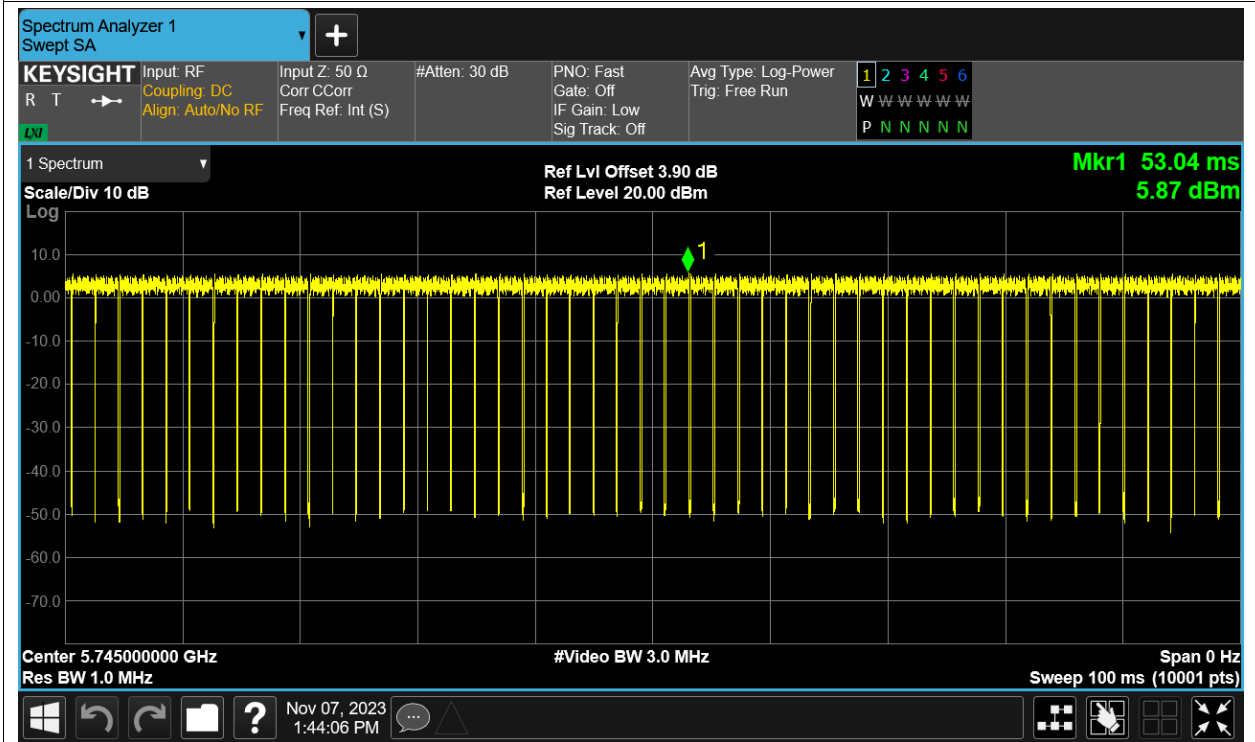
Duty Cycle NVNT ac40 5795MHz Ant1



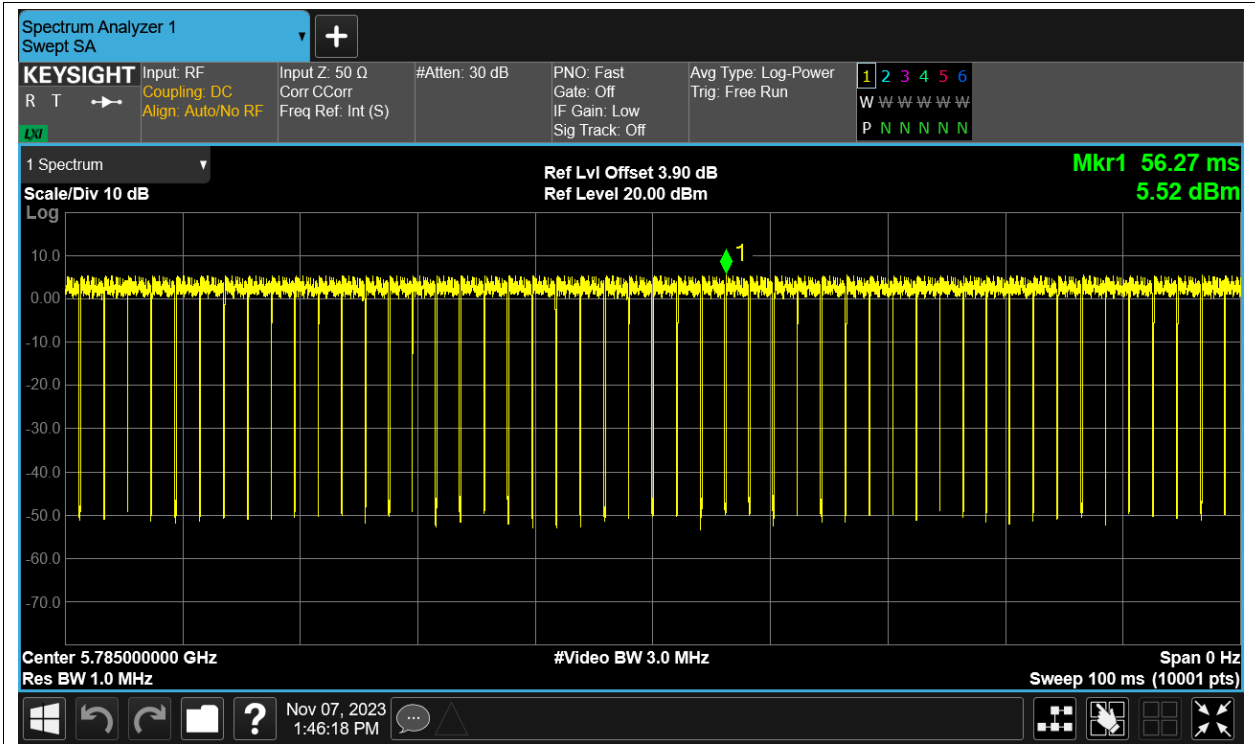
Duty Cycle NVNT ac80 5775MHz Ant1



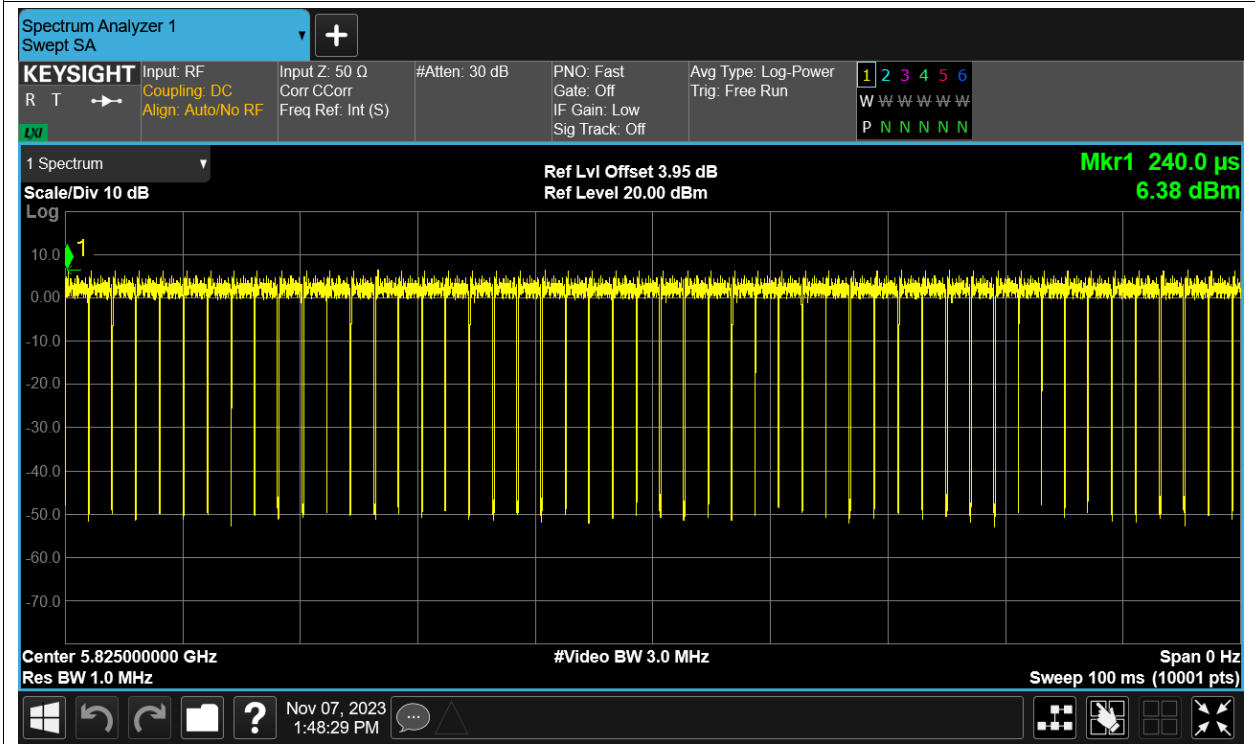
Duty Cycle NVNT n20 5745MHz Ant1



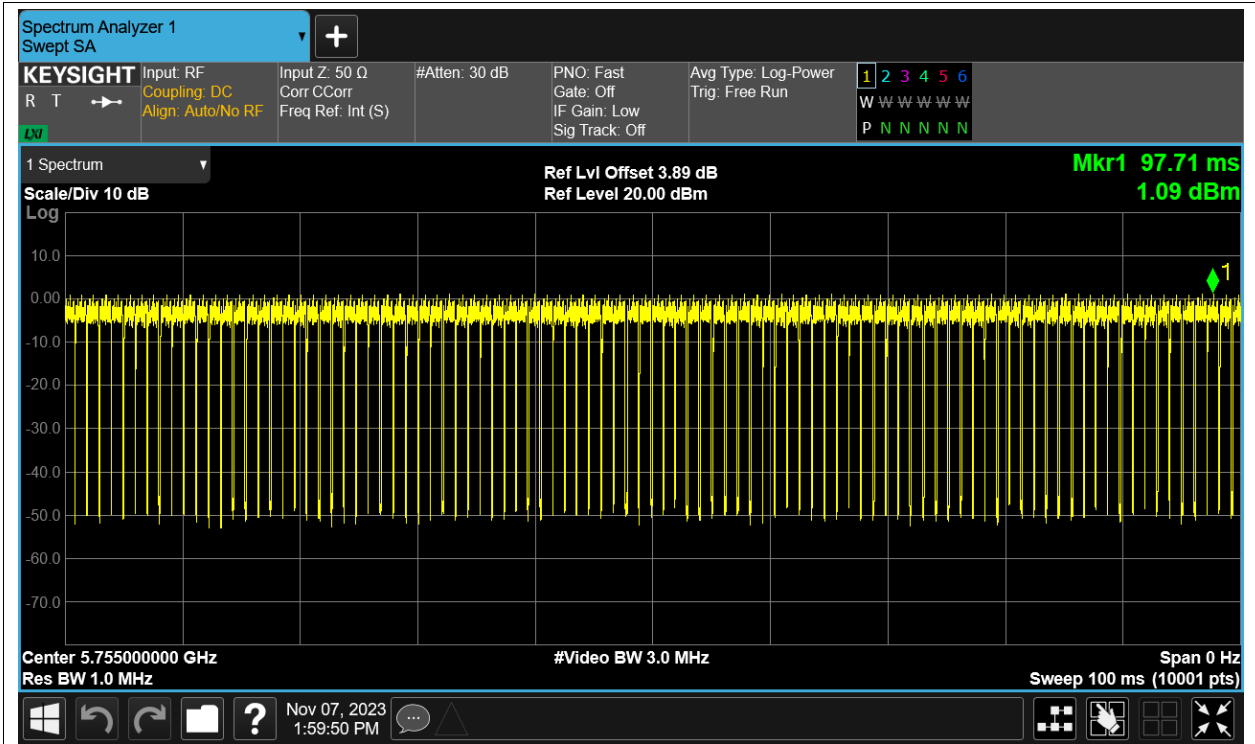
Duty Cycle NVNT n20 5785MHz Ant1



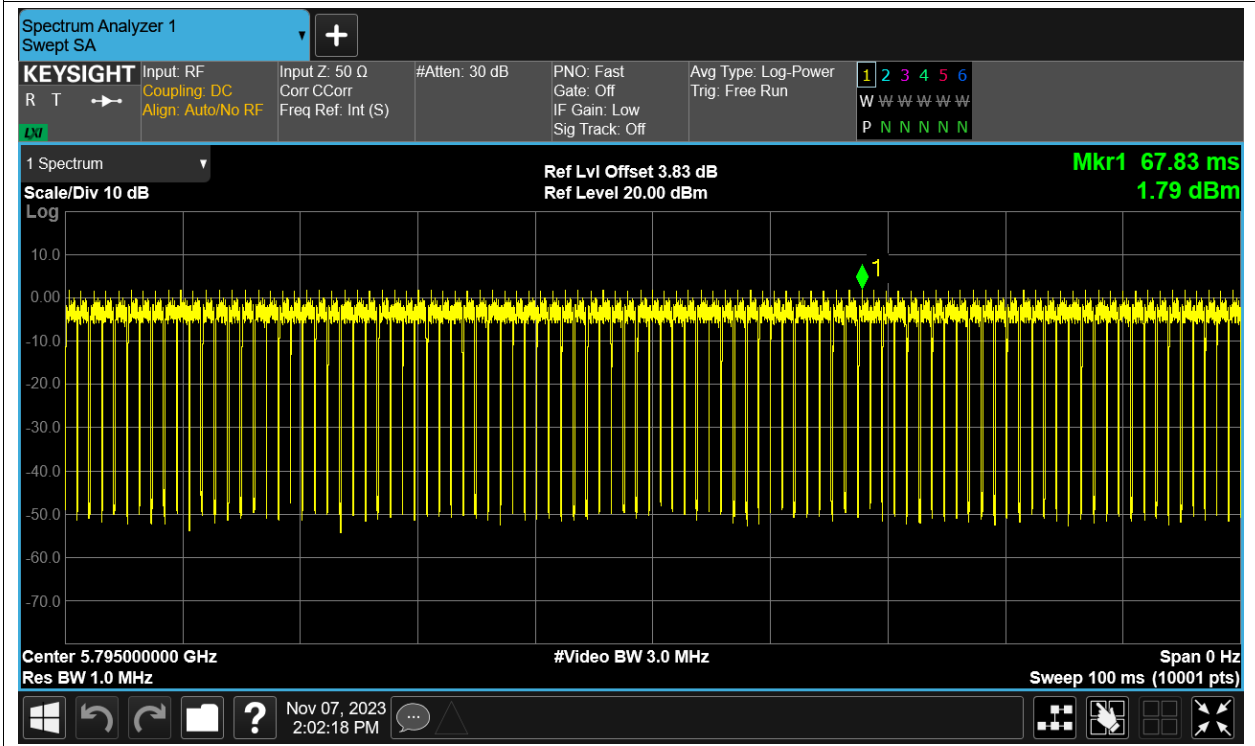
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

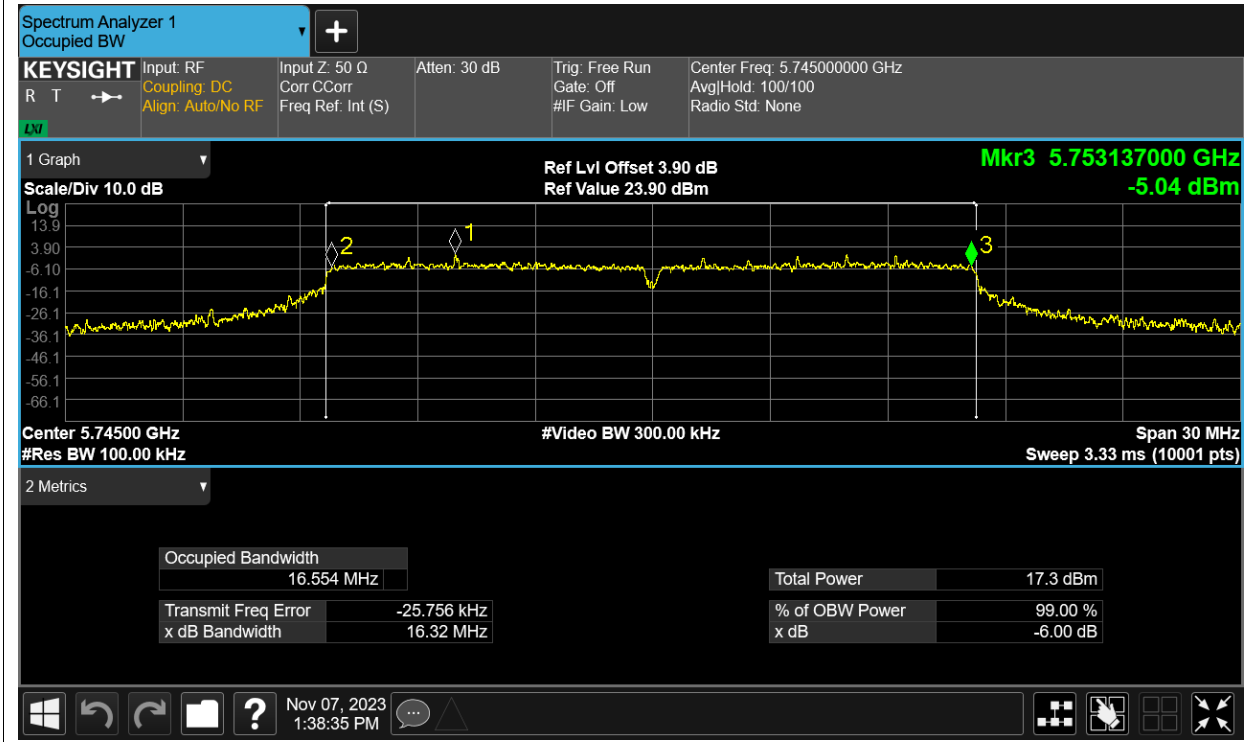
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.02	0.18	12.2	30	Pass
NVNT	a	5785	Ant1	13.13	0.2	13.33	30	Pass
NVNT	a	5825	Ant1	11.85	0.21	12.06	30	Pass
NVNT	ac20	5745	Ant1	11.77	0.21	11.98	30	Pass
NVNT	ac20	5785	Ant1	12.92	0.21	13.13	30	Pass
NVNT	ac20	5825	Ant1	11.67	0.19	11.86	30	Pass
NVNT	ac40	5755	Ant1	11.44	0.38	11.82	30	Pass
NVNT	ac40	5795	Ant1	12.06	0.41	12.47	30	Pass
NVNT	ac80	5775	Ant1	11.49	0.76	12.25	30	Pass
NVNT	n20	5745	Ant1	11.84	0.22	12.06	30	Pass
NVNT	n20	5785	Ant1	12.98	0.21	13.19	30	Pass
NVNT	n20	5825	Ant1	11.73	0.21	11.94	30	Pass
NVNT	n40	5755	Ant1	11.4	0.39	11.79	30	Pass
NVNT	n40	5795	Ant1	12.07	0.42	12.49	30	Pass

-6dB Bandwidth

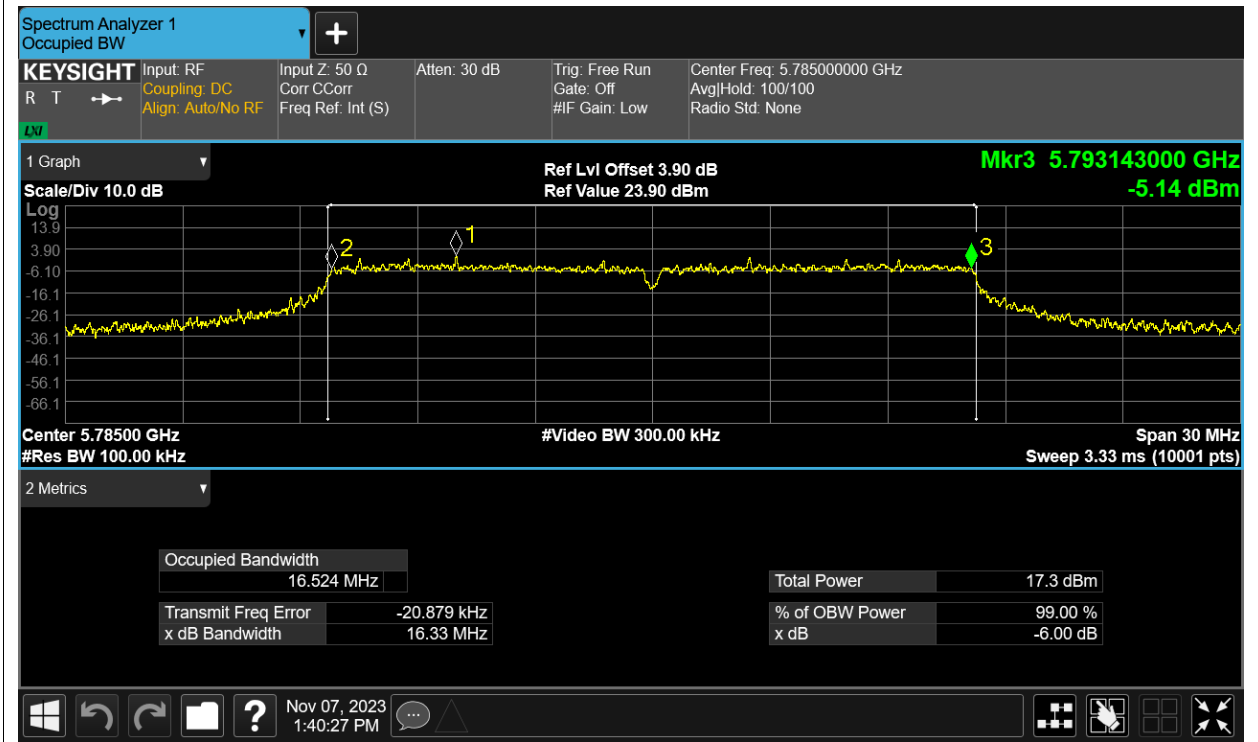
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.325	0.5	Pass
NVNT	a	5785	Ant1	16.327	0.5	Pass
NVNT	a	5825	Ant1	16.368	0.5	Pass
NVNT	ac20	5745	Ant1	17.16	0.5	Pass
NVNT	ac20	5785	Ant1	17.078	0.5	Pass
NVNT	ac20	5825	Ant1	17.265	0.5	Pass
NVNT	ac40	5755	Ant1	35.437	0.5	Pass
NVNT	ac40	5795	Ant1	35.276	0.5	Pass
NVNT	ac80	5775	Ant1	75.122	0.5	Pass
NVNT	n20	5745	Ant1	17.535	0.5	Pass
NVNT	n20	5785	Ant1	17.306	0.5	Pass
NVNT	n20	5825	Ant1	17.512	0.5	Pass
NVNT	n40	5755	Ant1	35.676	0.5	Pass
NVNT	n40	5795	Ant1	35.682	0.5	Pass

Test Graphs

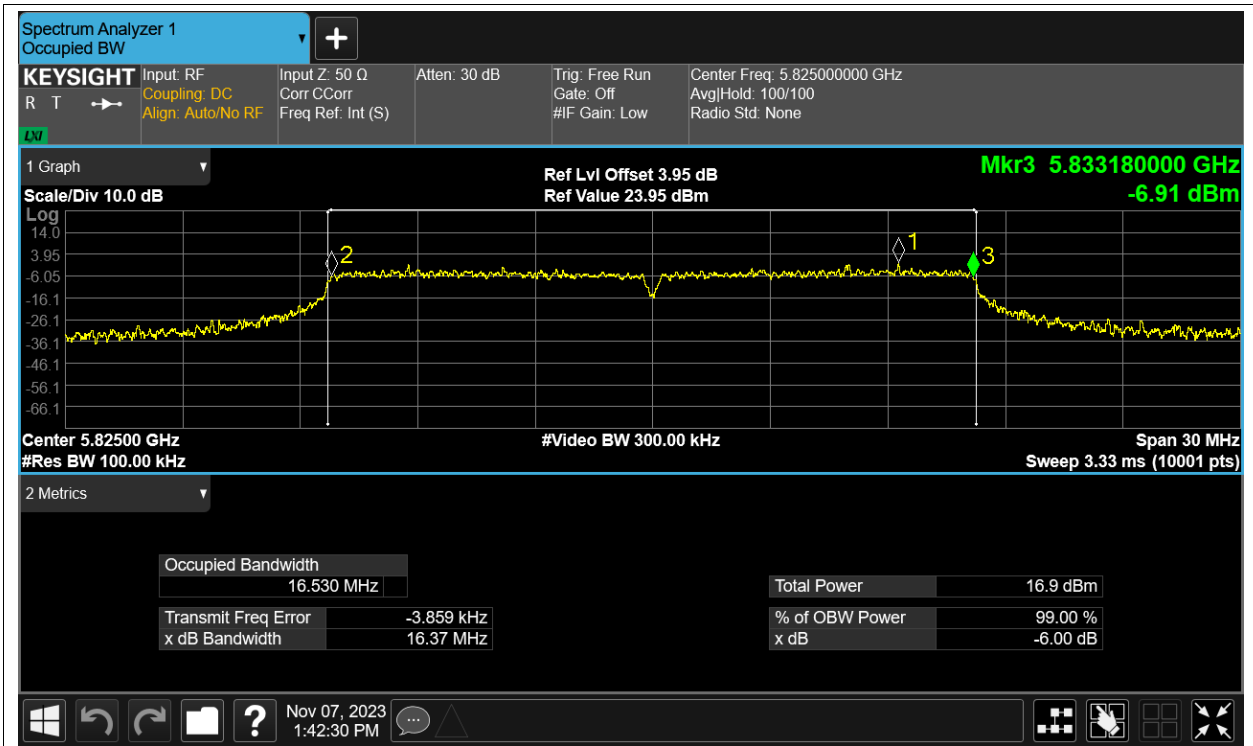
-6dB Bandwidth NVNT a 5745MHz Ant1



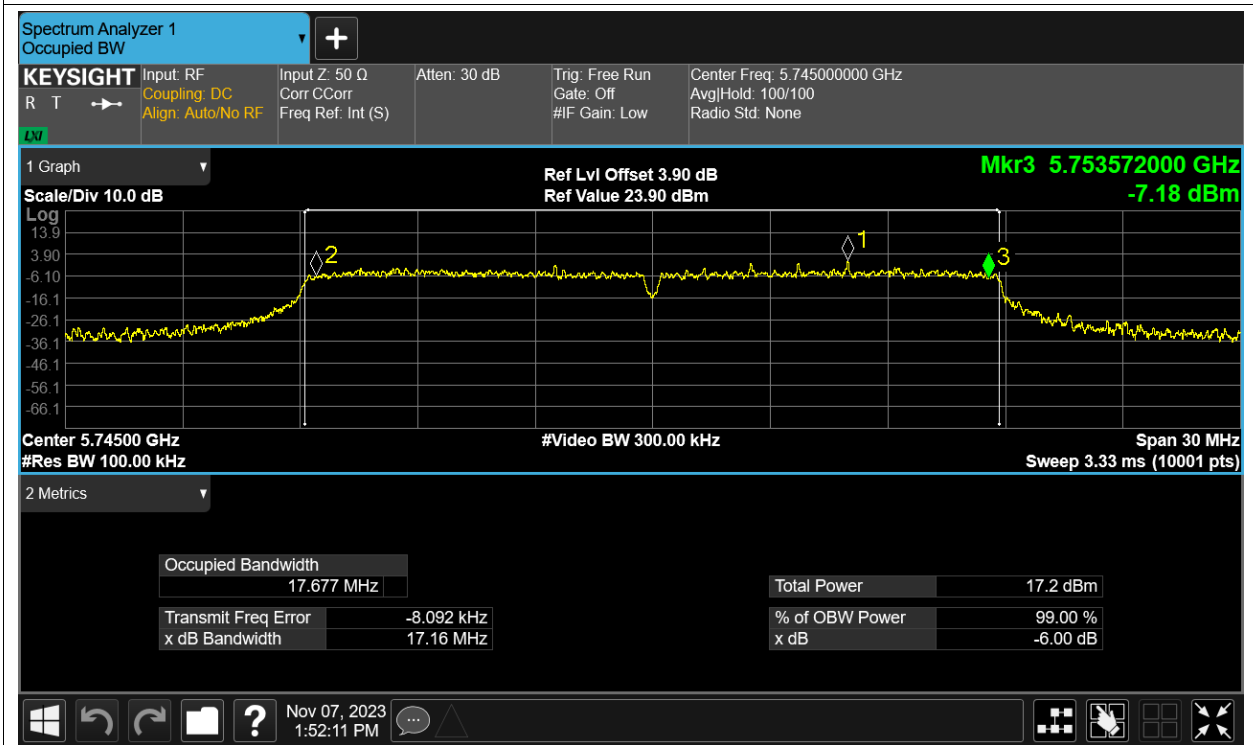
-6dB Bandwidth NVNT a 5785MHz Ant1



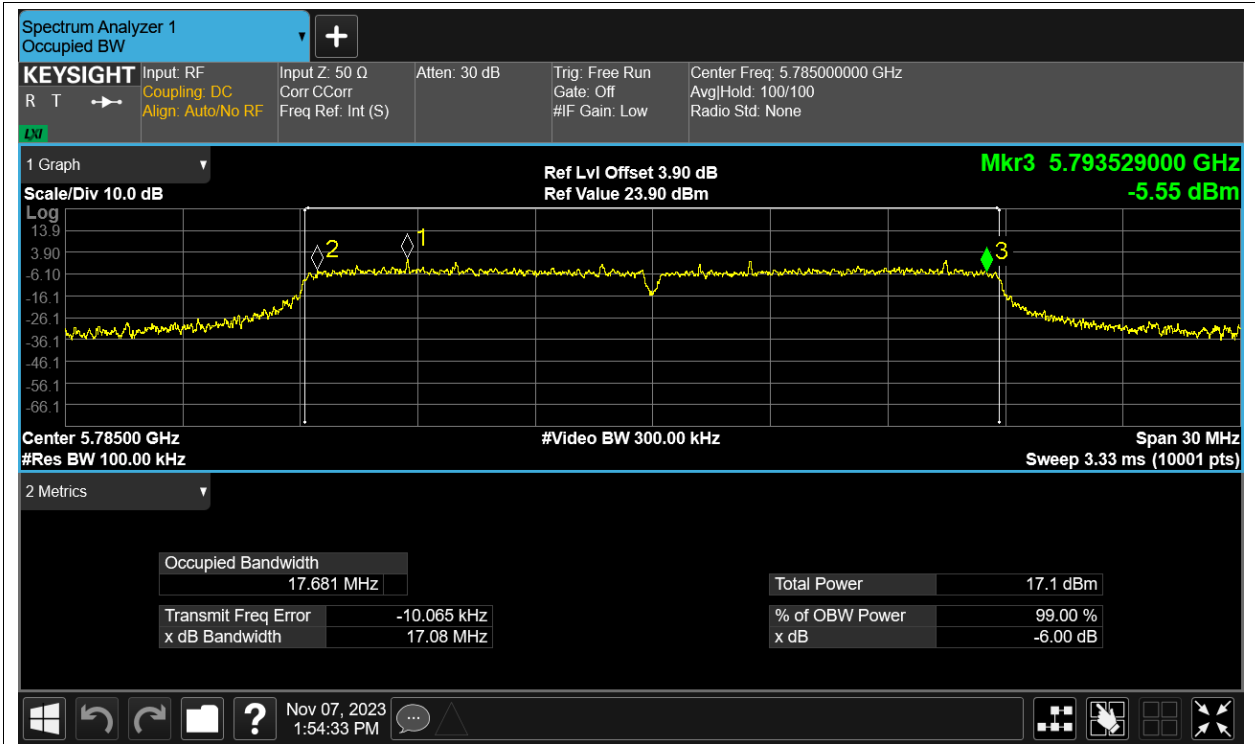
-6dB Bandwidth NVNT a 5825MHz Ant1



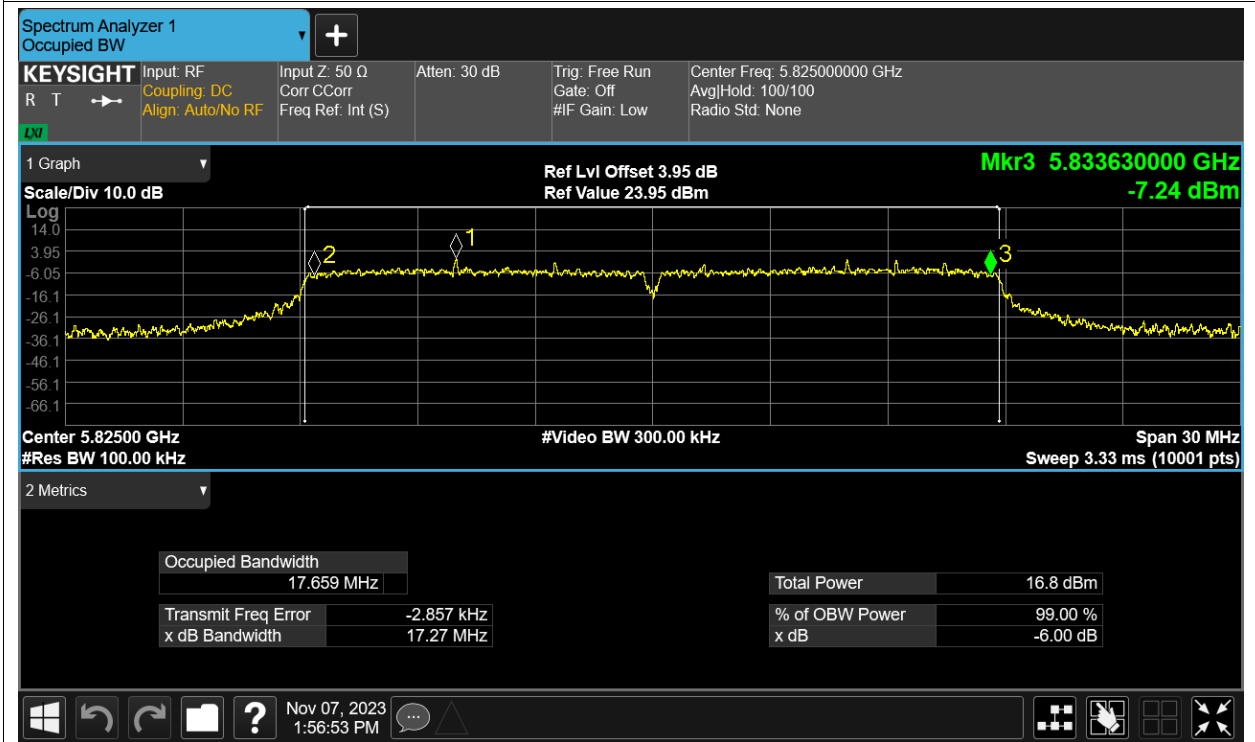
-6dB Bandwidth NVNT ac20 5745MHz Ant1



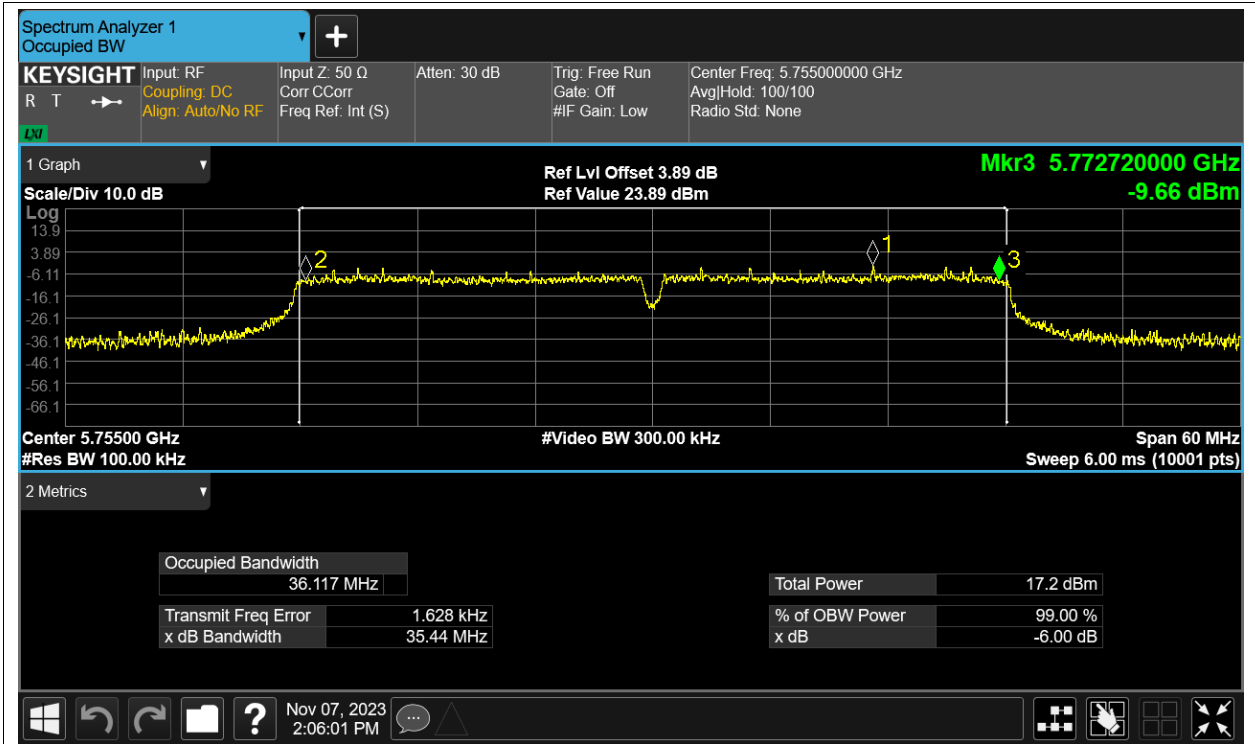
-6dB Bandwidth NVNT ac20 5785MHz Ant1



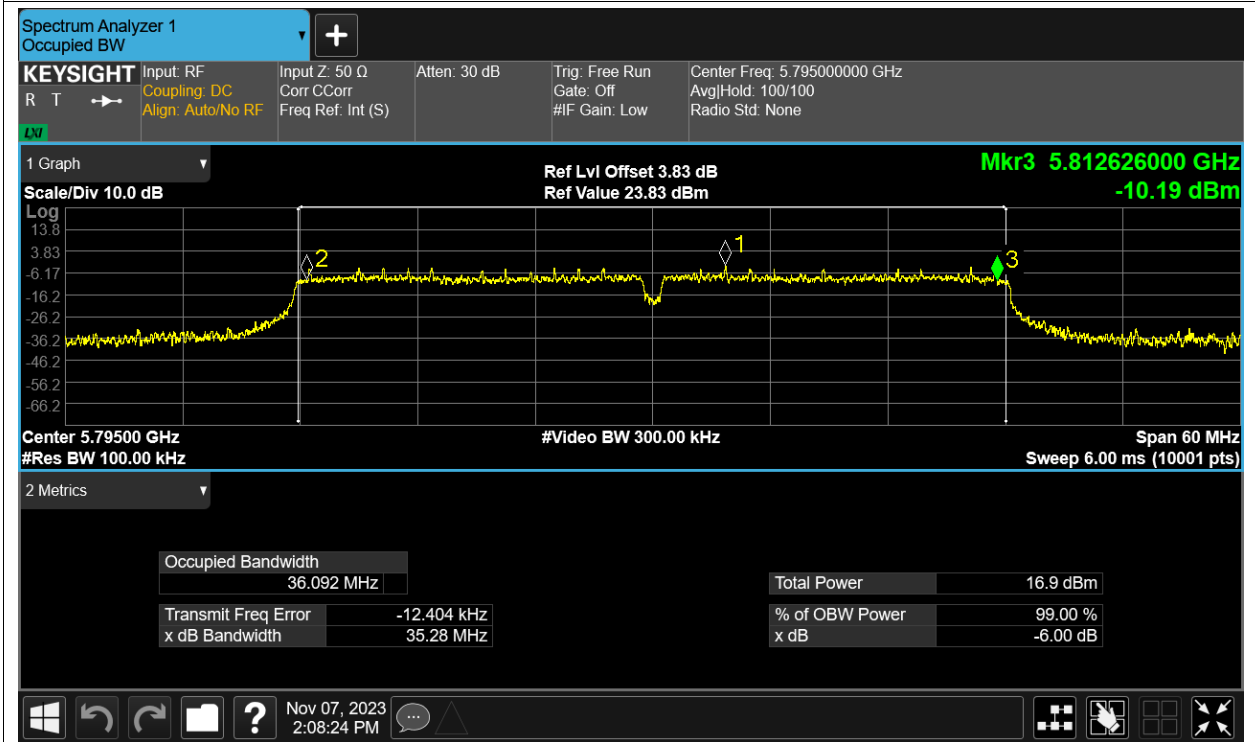
-6dB Bandwidth NVNT ac20 5825MHz Ant1



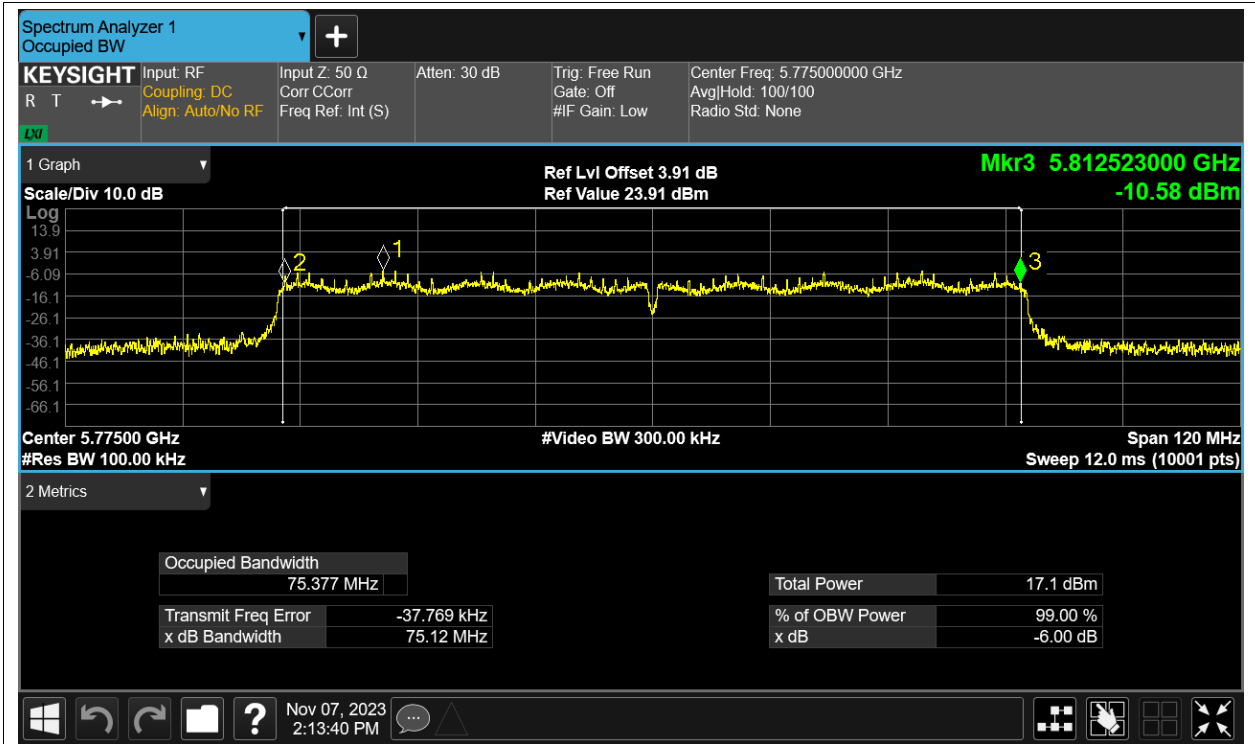
-6dB Bandwidth NVNT ac40 5755MHz Ant1



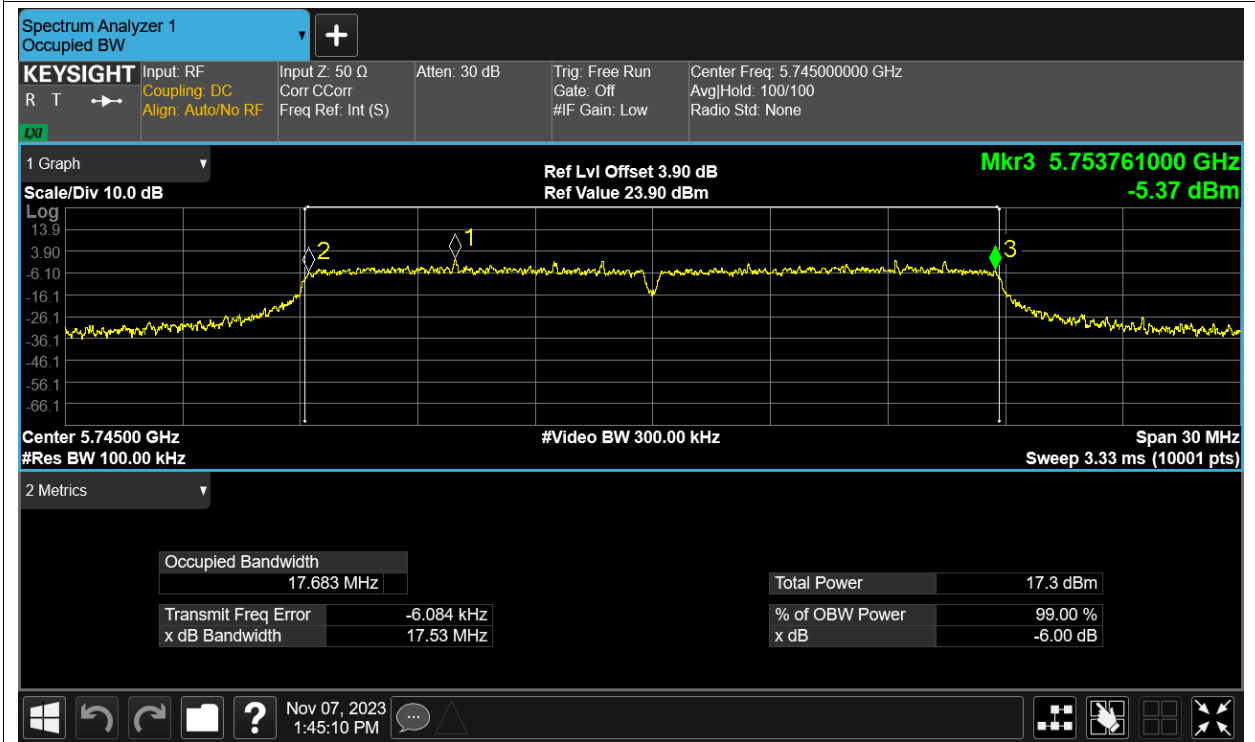
-6dB Bandwidth NVNT ac40 5795MHz Ant1



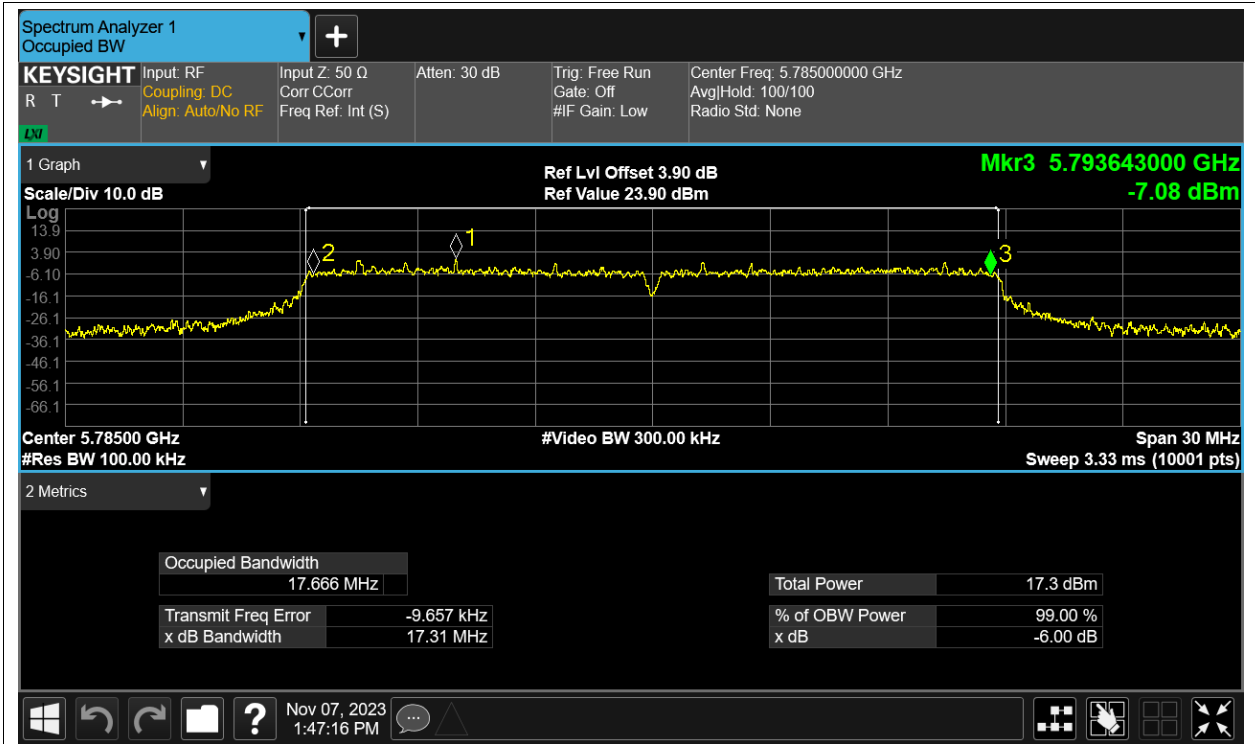
-6dB Bandwidth NVNT ac80 5775MHz Ant1



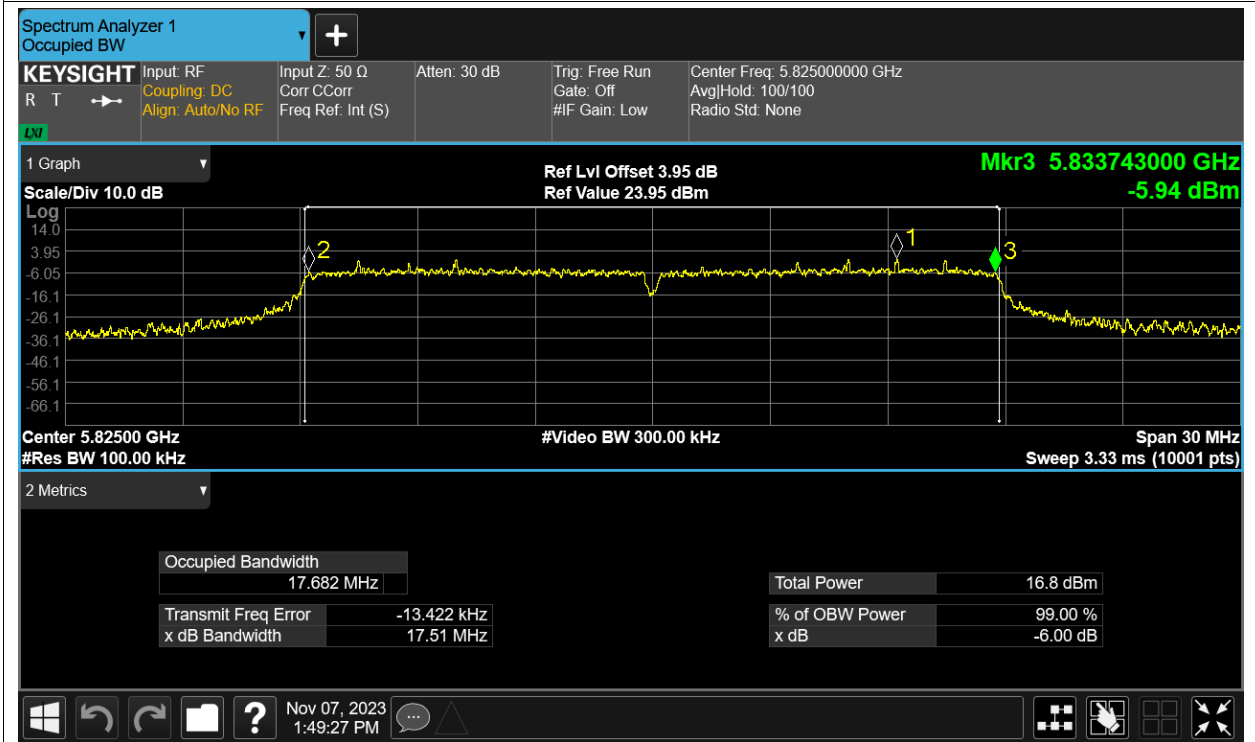
-6dB Bandwidth NVNT n20 5745MHz Ant1



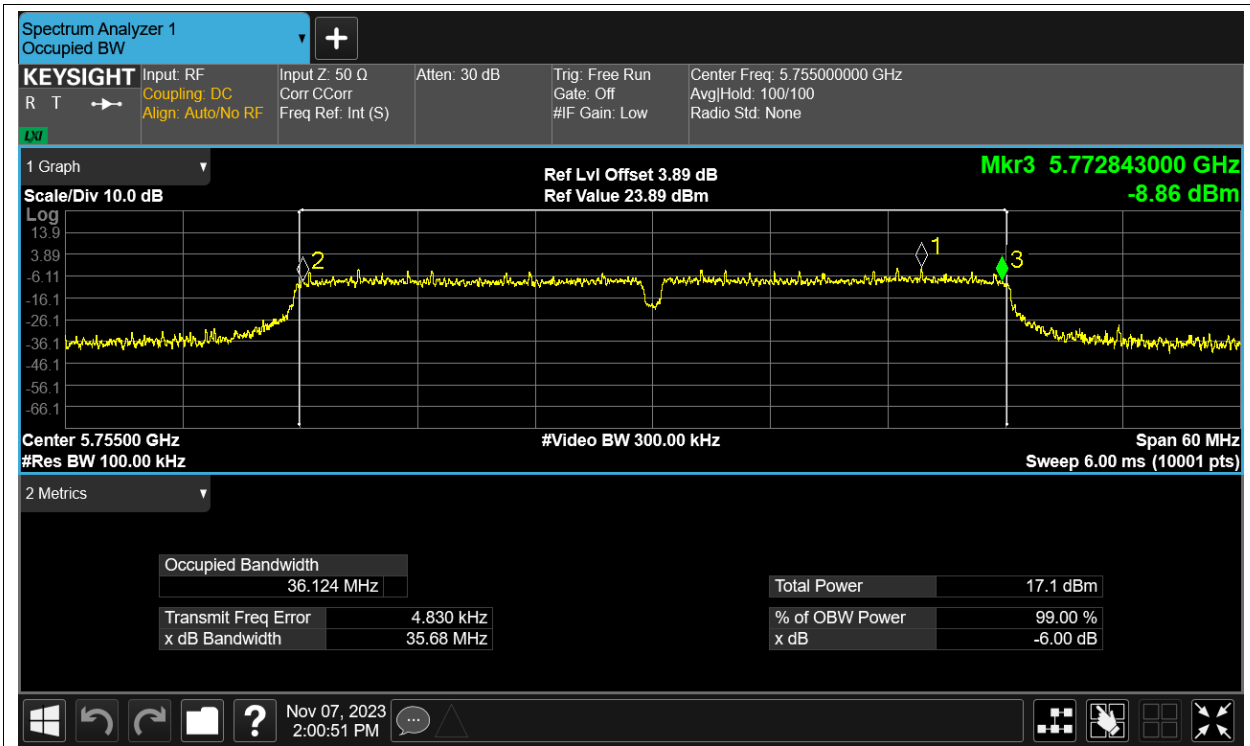
-6dB Bandwidth NVNT n20 5785MHz Ant1



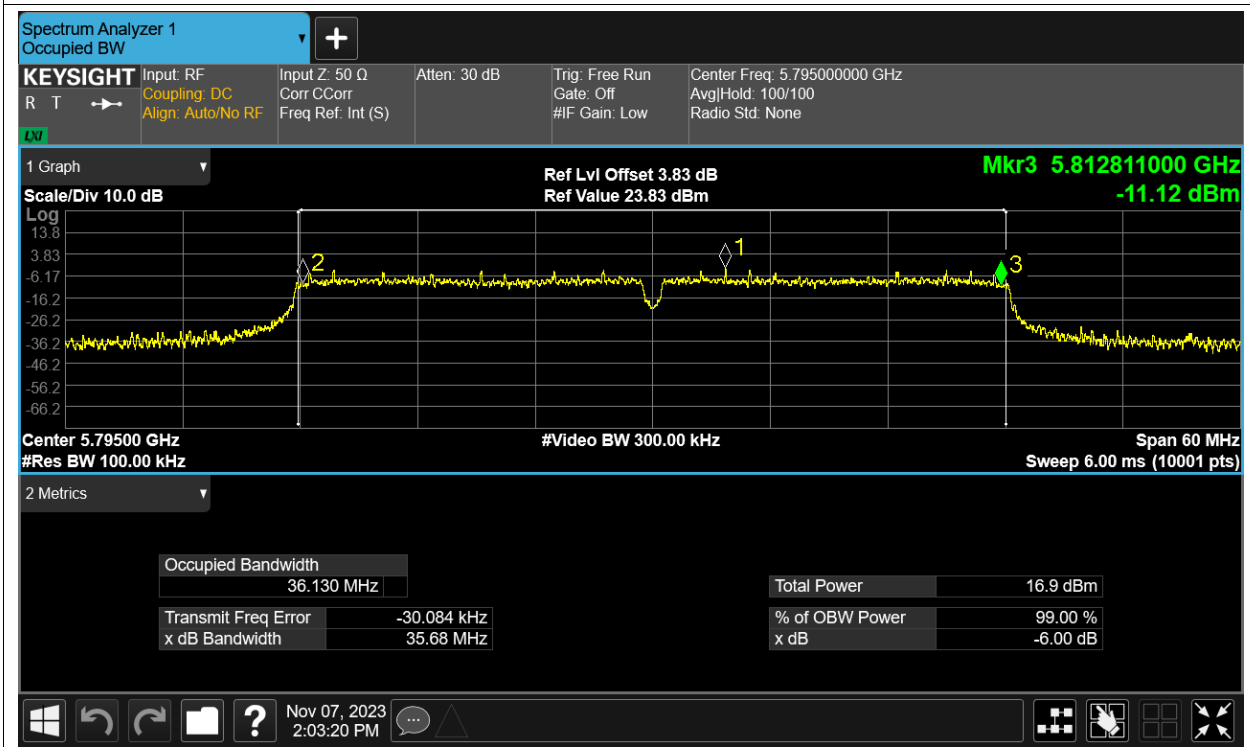
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

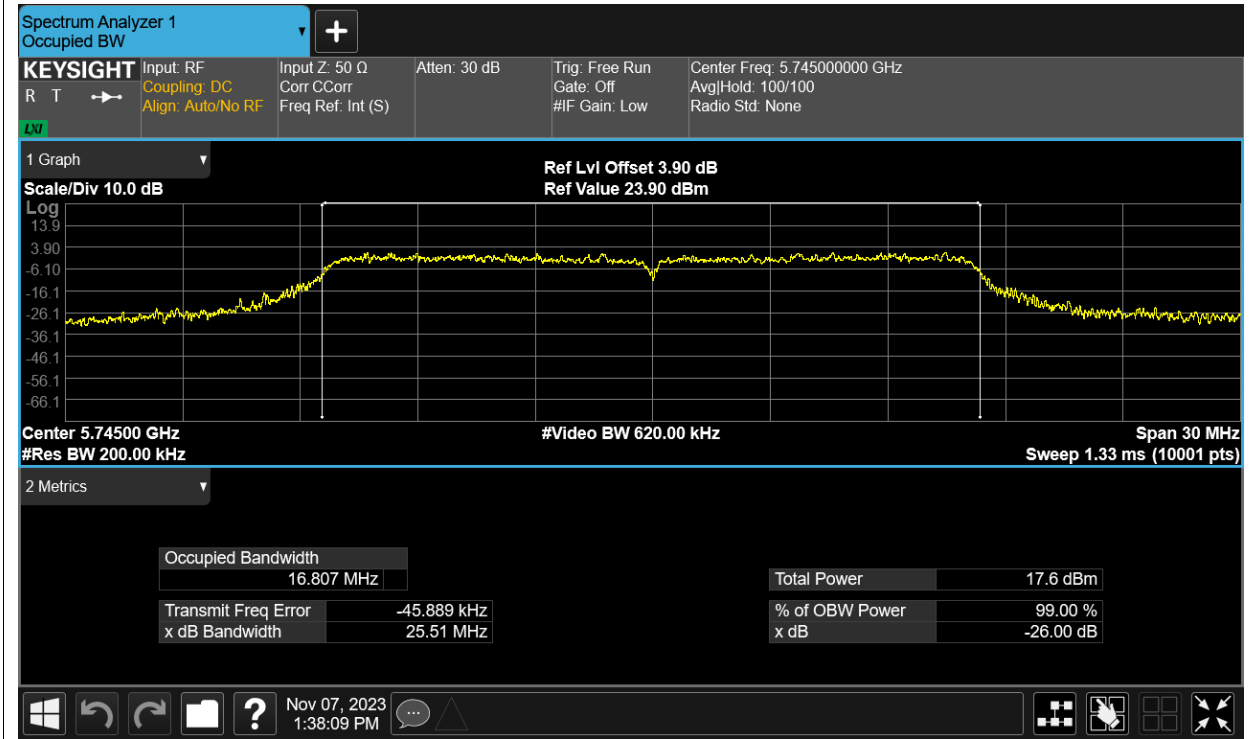


Occupied Channel Bandwidth

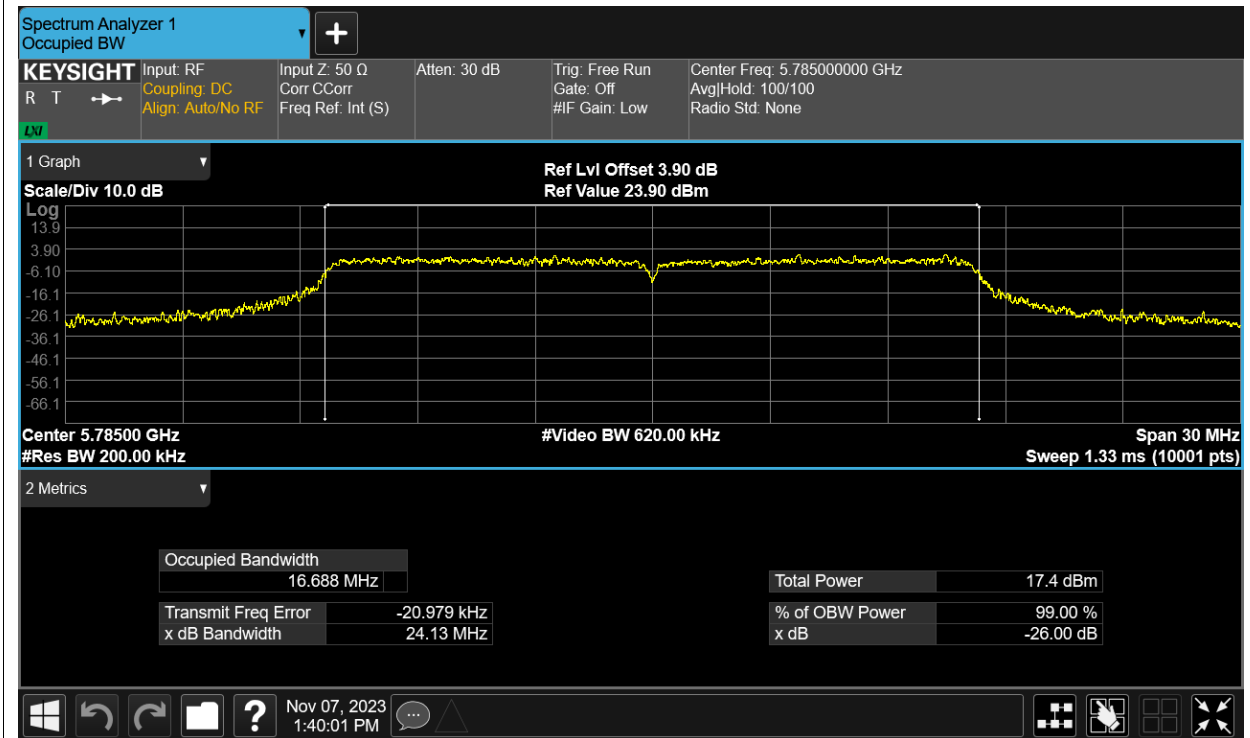
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.807
NVNT	a	5785	Ant1	16.688
NVNT	a	5825	Ant1	16.684
NVNT	ac20	5745	Ant1	17.765
NVNT	ac20	5785	Ant1	17.757
NVNT	ac20	5825	Ant1	17.795
NVNT	ac40	5755	Ant1	36.269
NVNT	ac40	5795	Ant1	36.268
NVNT	ac80	5775	Ant1	75.543
NVNT	n20	5745	Ant1	17.773
NVNT	n20	5785	Ant1	17.784
NVNT	n20	5825	Ant1	17.762
NVNT	n40	5755	Ant1	36.328
NVNT	n40	5795	Ant1	36.296

Test Graphs

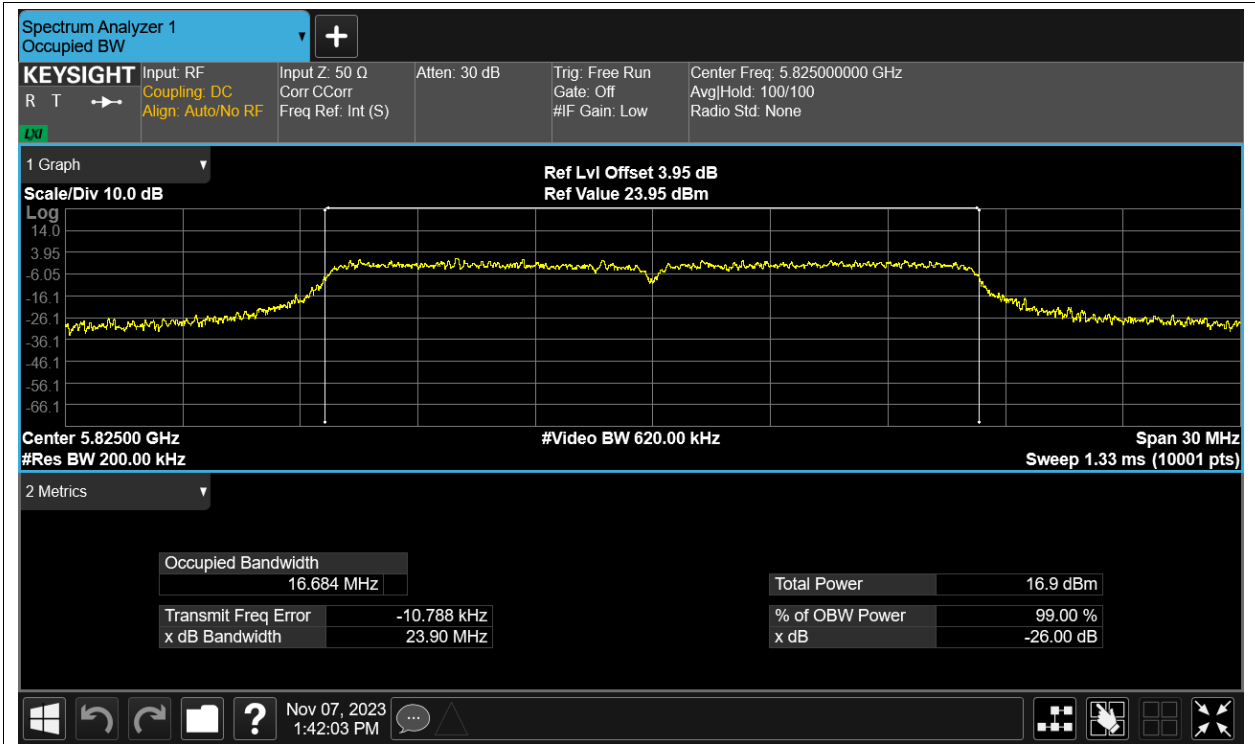
OBW NVNT a 5745MHz Ant1



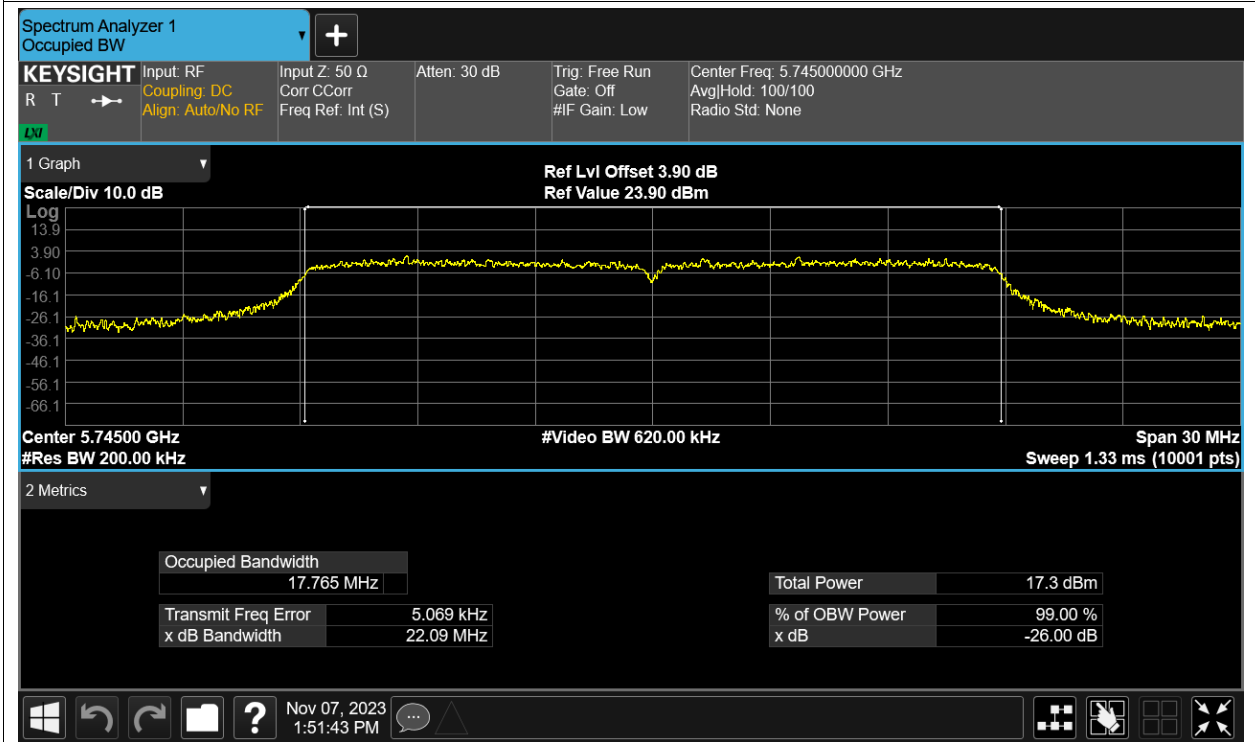
OBW NVNT a 5785MHz Ant1



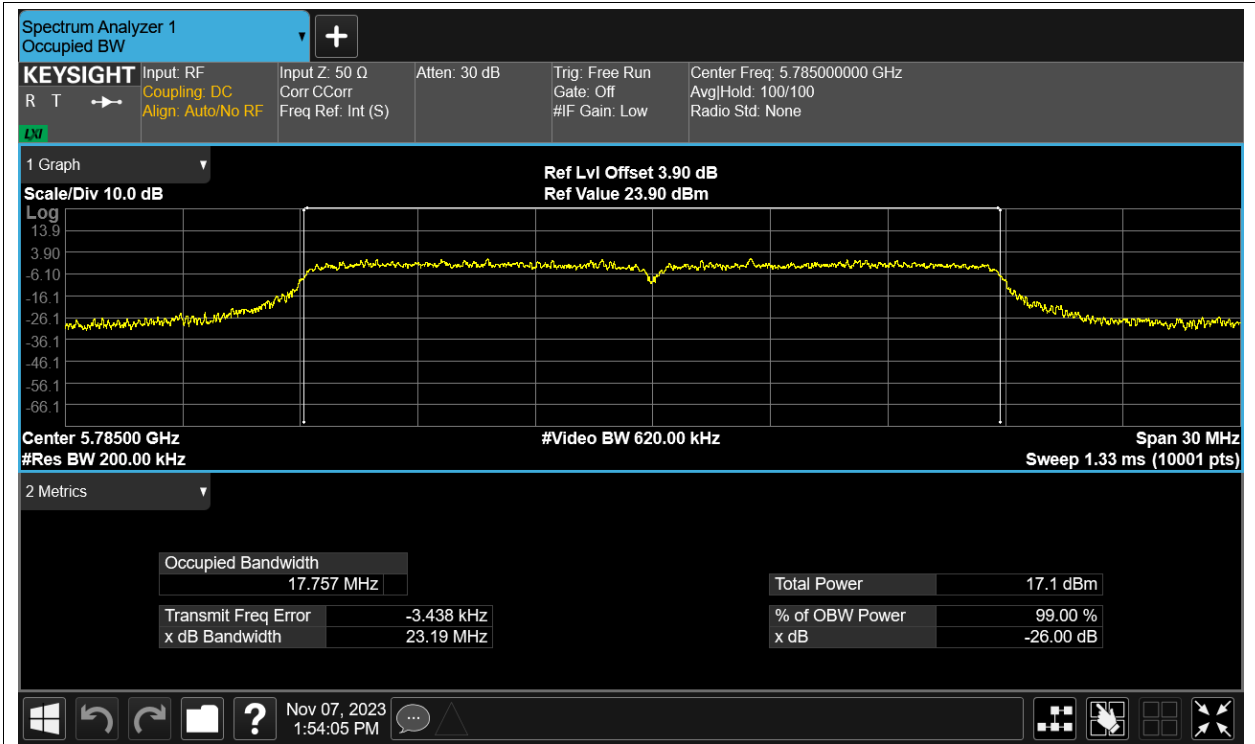
OBW NVNT a 5825MHz Ant1



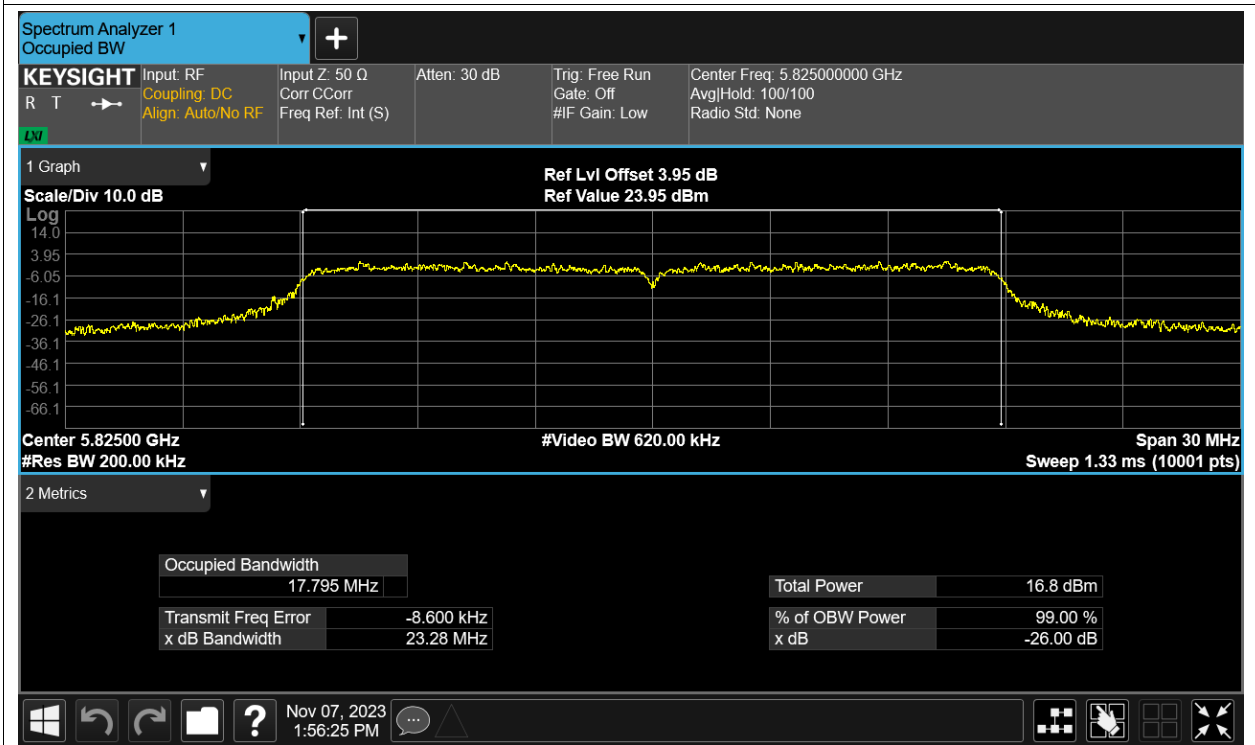
OBW NVNT ac20 5745MHz Ant1



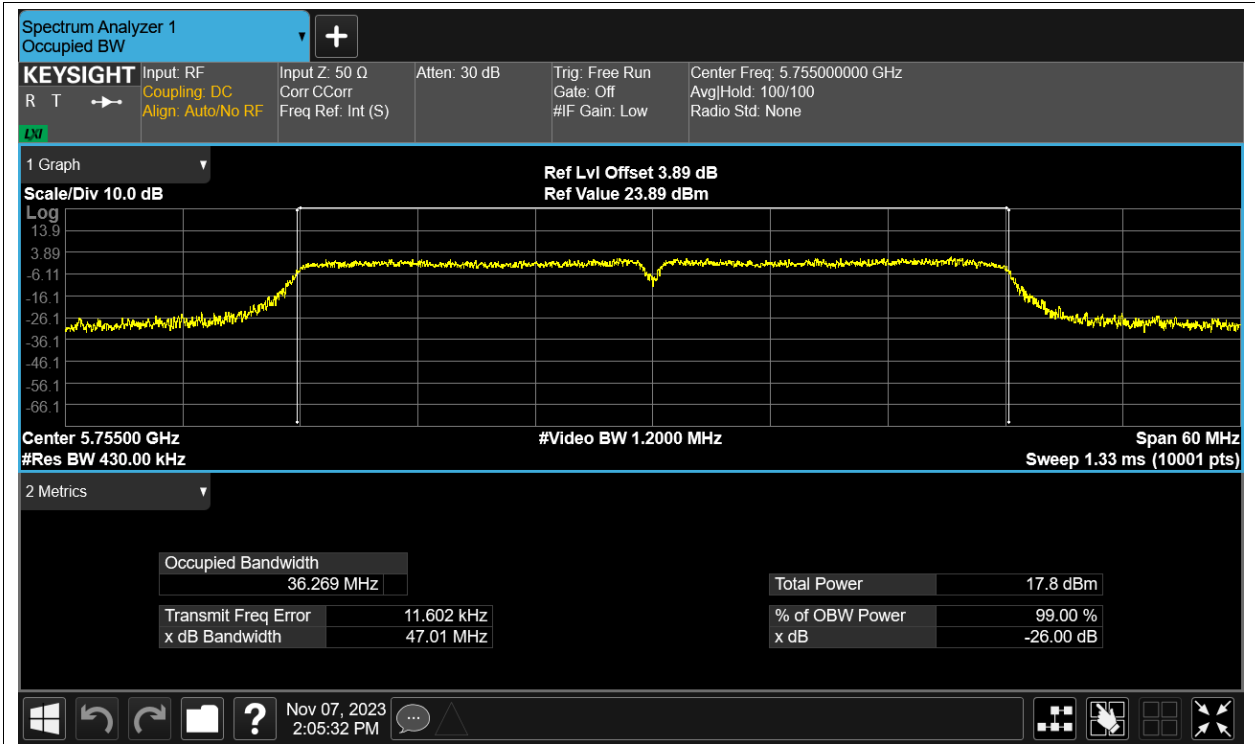
OBW NVNT ac20 5785MHz Ant1



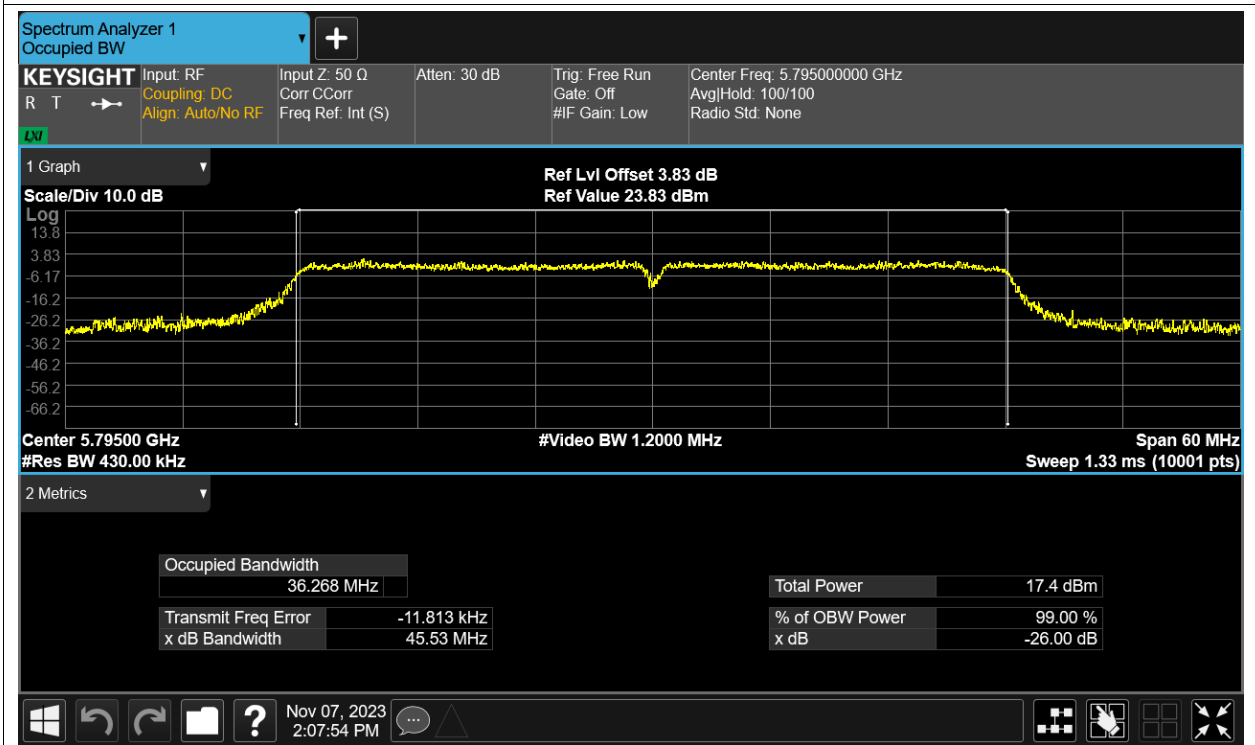
OBW NVNT ac20 5825MHz Ant1



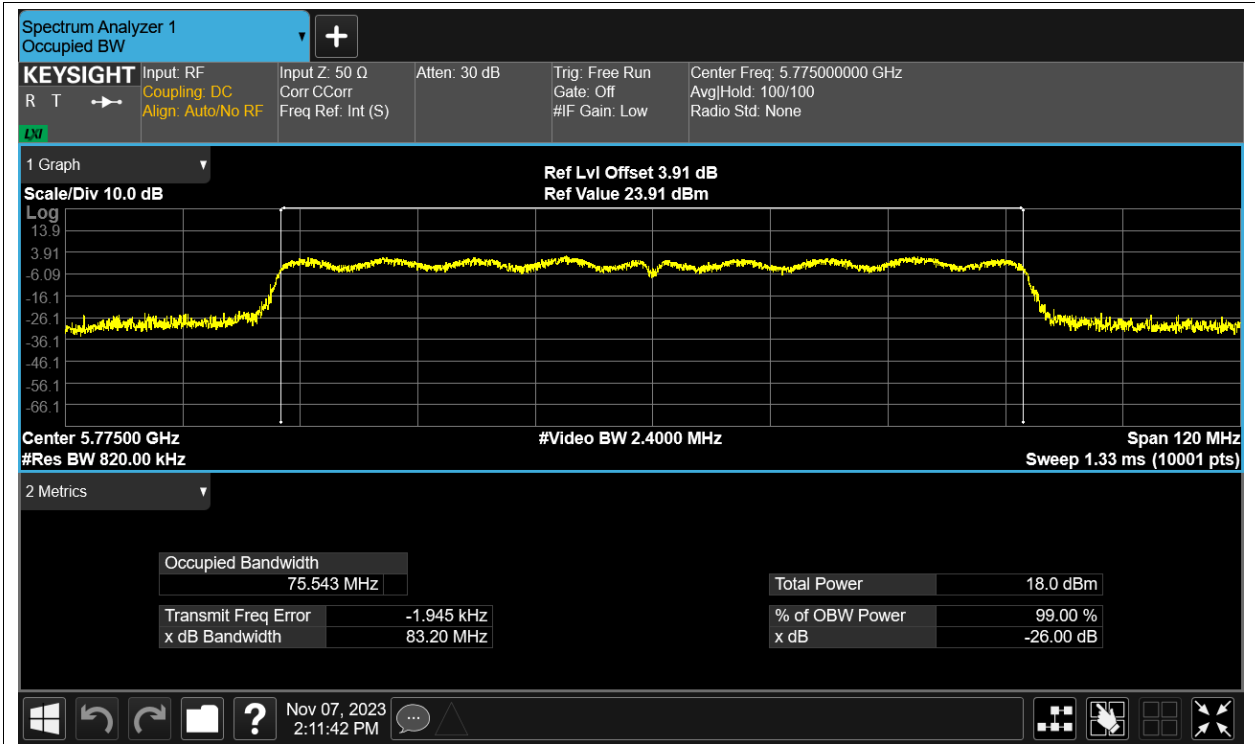
OBW NVNT ac40 5755MHz Ant1



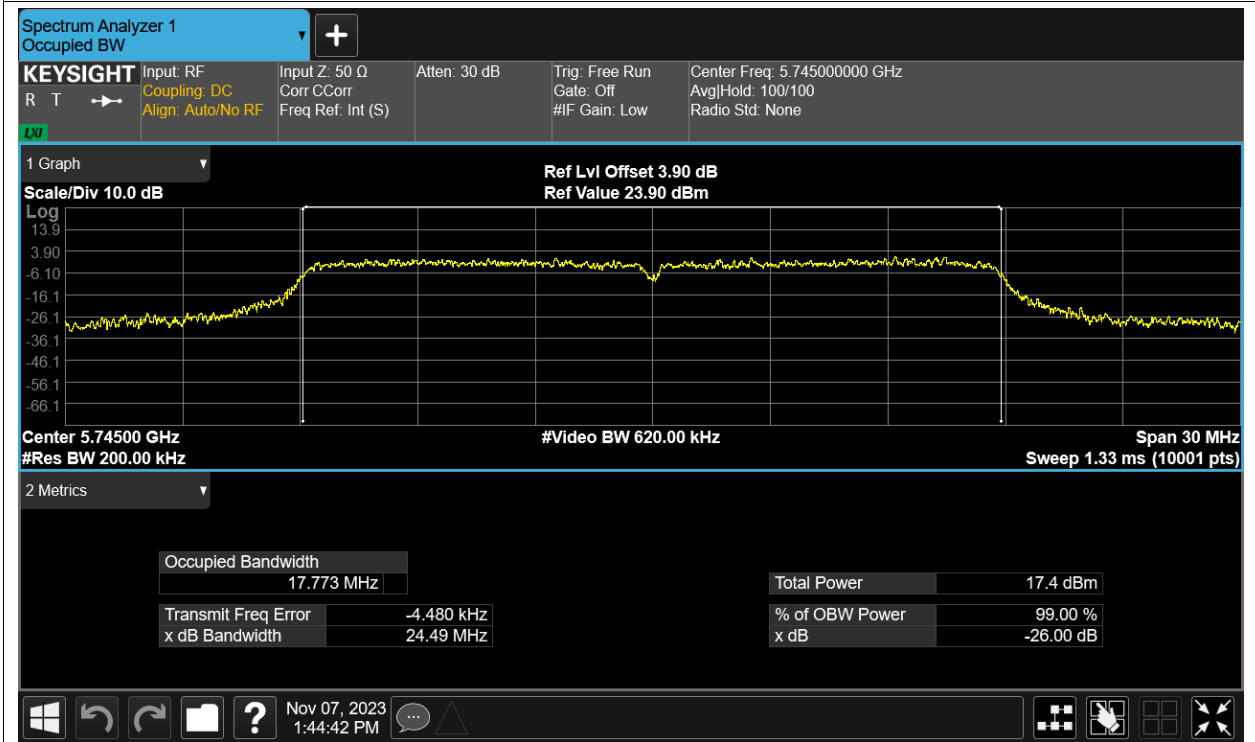
OBW NVNT ac40 5795MHz Ant1



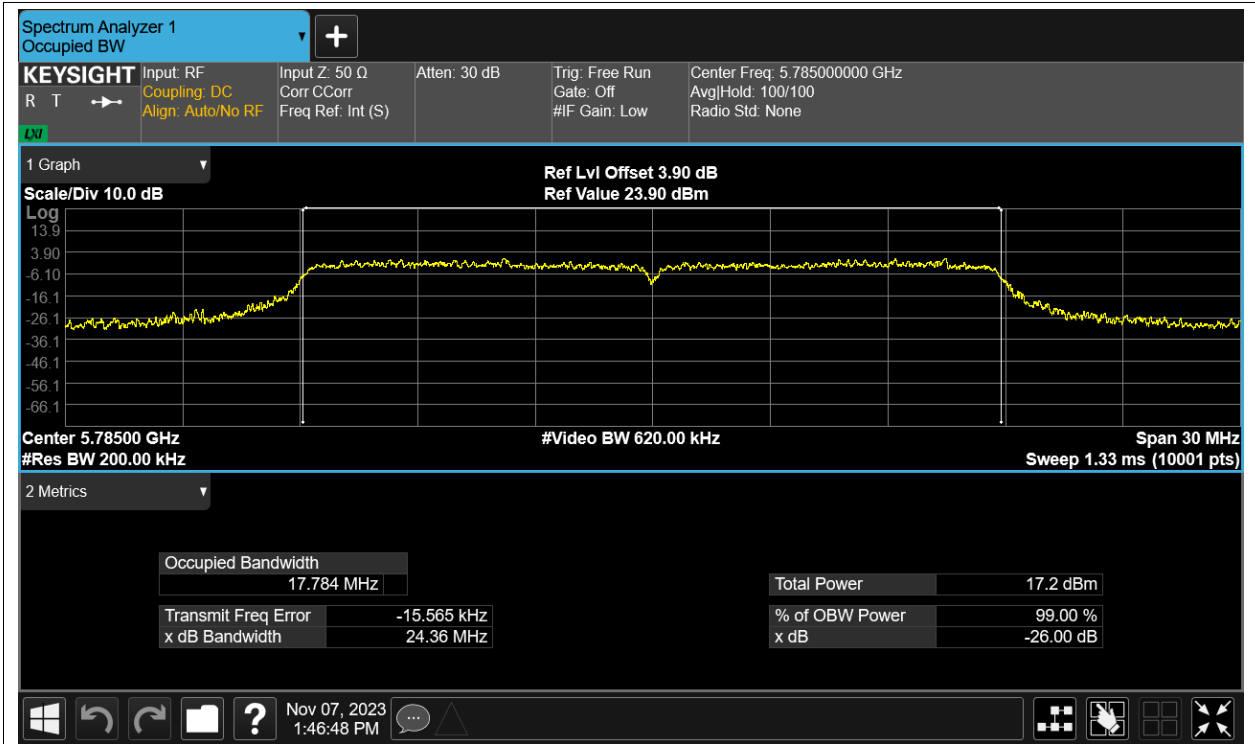
OBW NVNT ac80 5775MHz Ant1



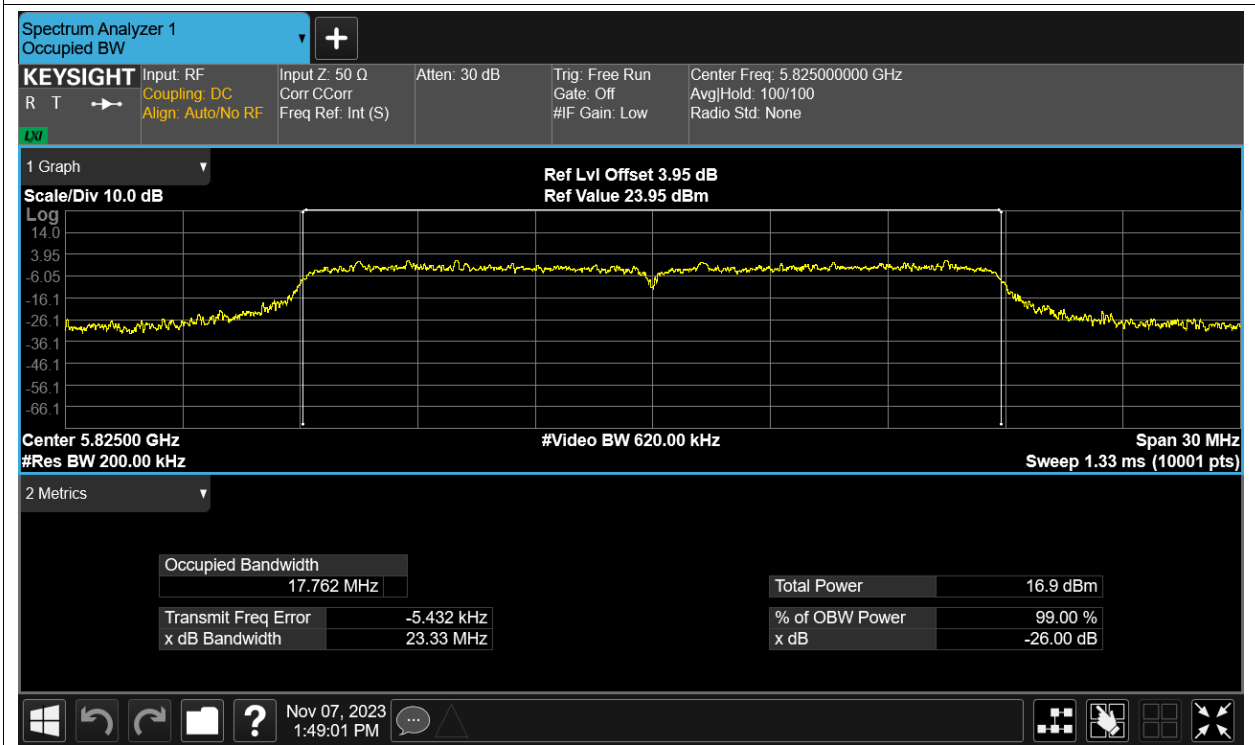
OBW NVNT n20 5745MHz Ant1



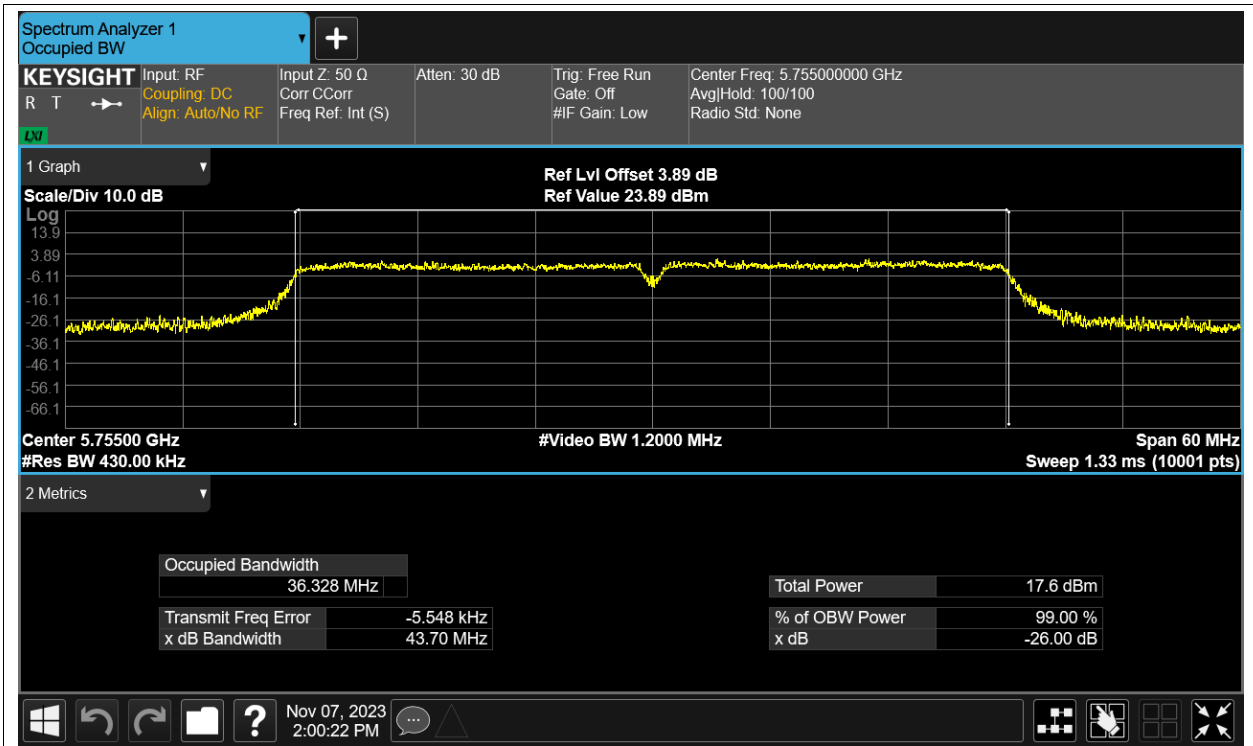
OBW NVNT n20 5785MHz Ant1



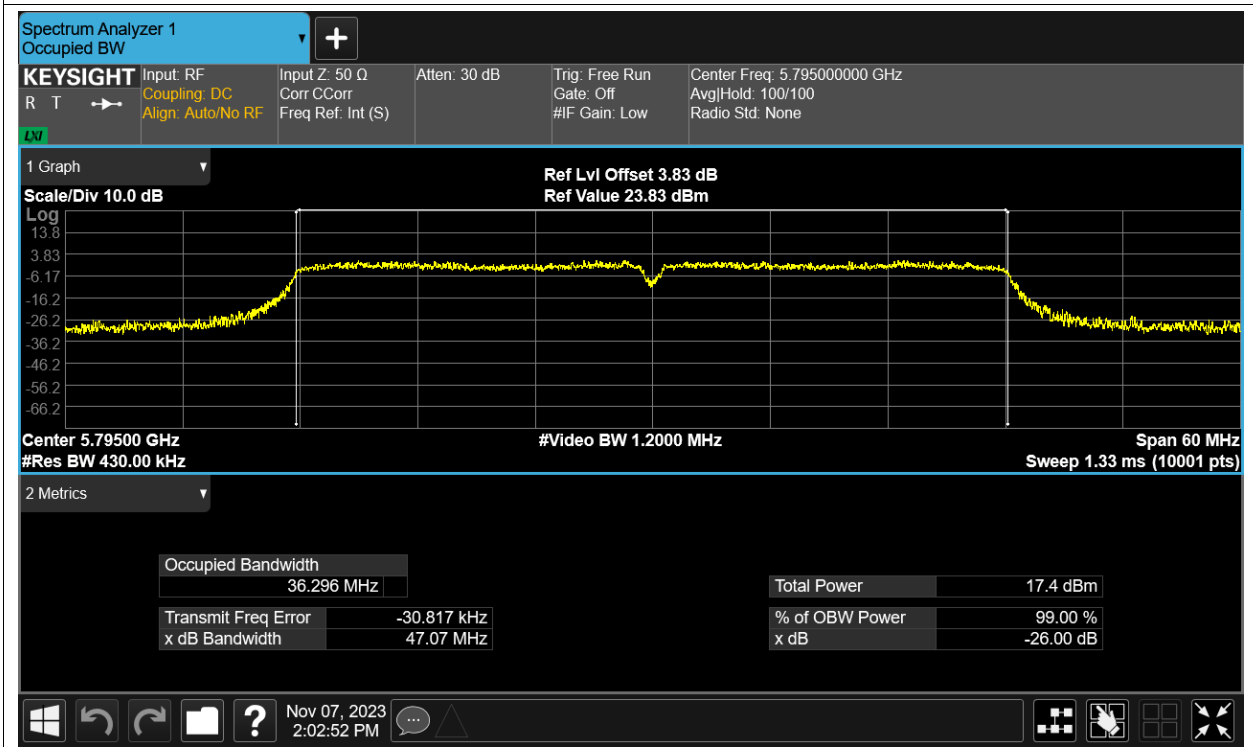
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



Maximum Power Spectral Density Level

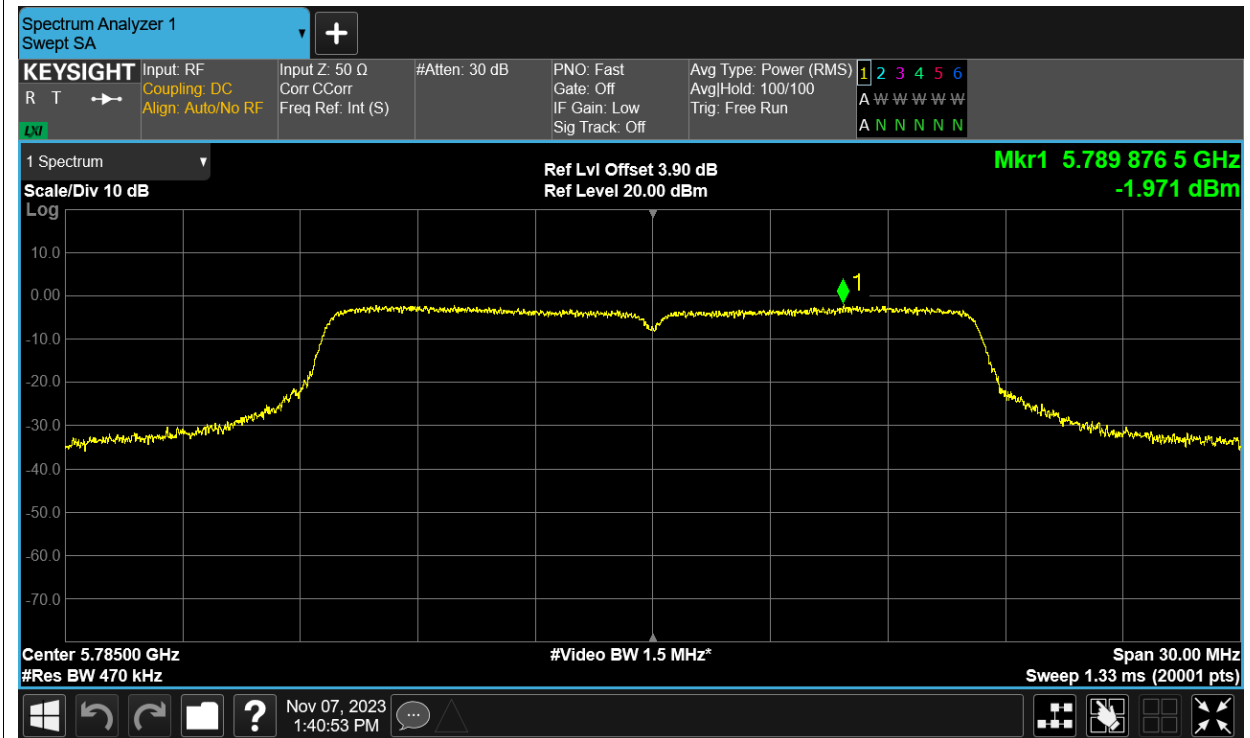
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-2.04	30	Pass
NVNT	a	5785	Ant1	-1.971	30	Pass
NVNT	a	5825	Ant1	-2.504	30	Pass
NVNT	ac20	5745	Ant1	-2.393	30	Pass
NVNT	ac20	5785	Ant1	-2.622	30	Pass
NVNT	ac20	5825	Ant1	-2.933	30	Pass
NVNT	ac40	5755	Ant1	-5.106	30	Pass
NVNT	ac40	5795	Ant1	-5.347	30	Pass
NVNT	ac80	5775	Ant1	-8.108	30	Pass
NVNT	n20	5745	Ant1	-2.295	30	Pass
NVNT	n20	5785	Ant1	-2.624	30	Pass
NVNT	n20	5825	Ant1	-3.018	30	Pass
NVNT	n40	5755	Ant1	-4.957	30	Pass
NVNT	n40	5795	Ant1	-5.375	30	Pass

Test Graphs

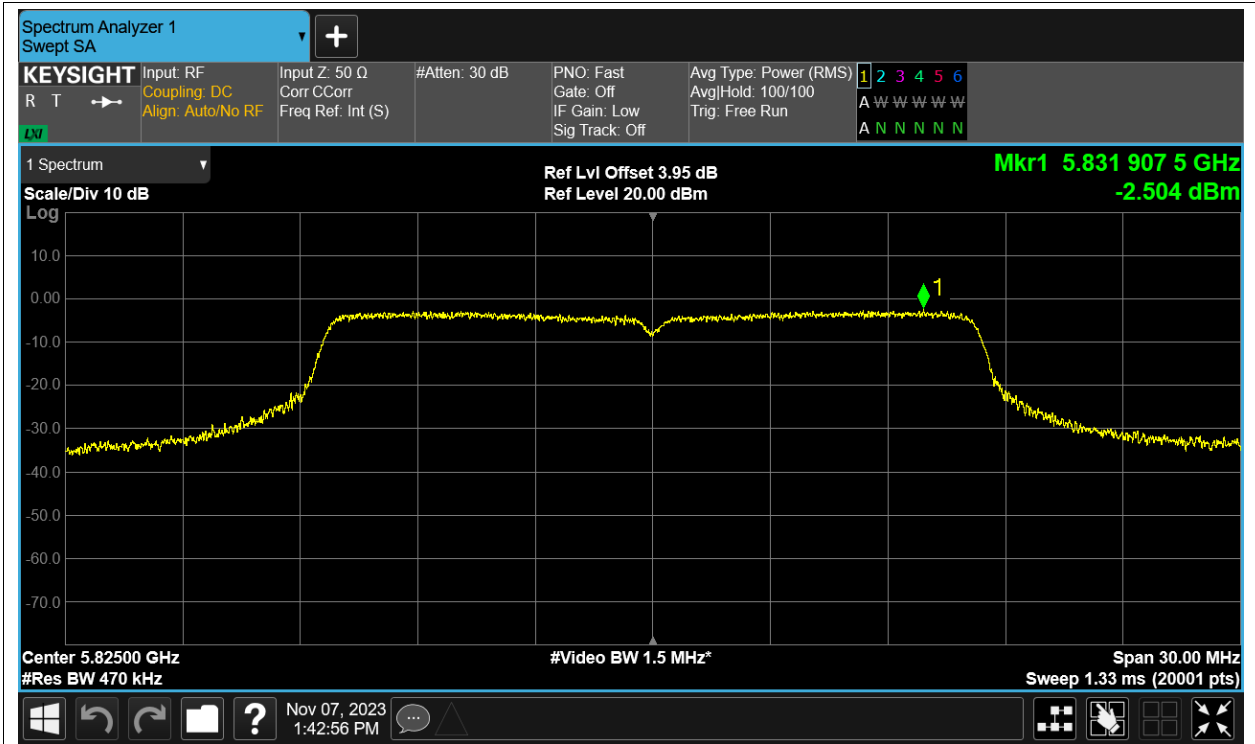
PSD NVNT a 5745MHz Ant1



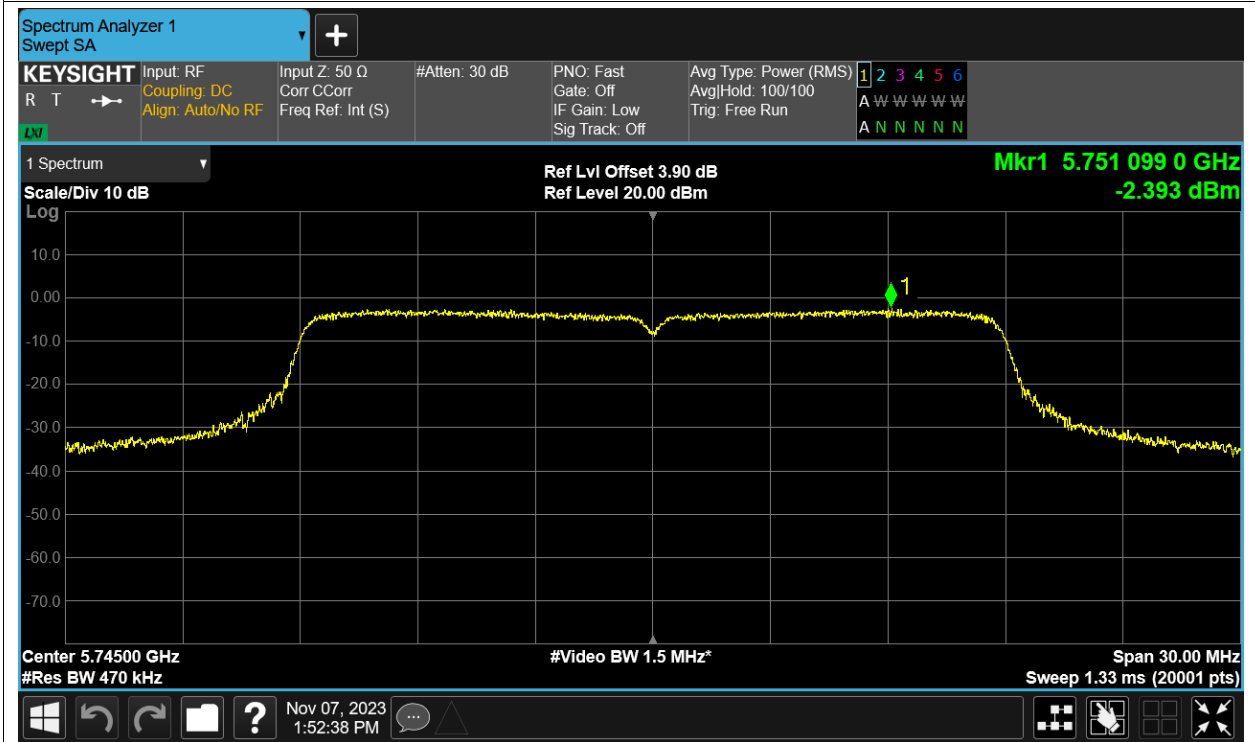
PSD NVNT a 5785MHz Ant1



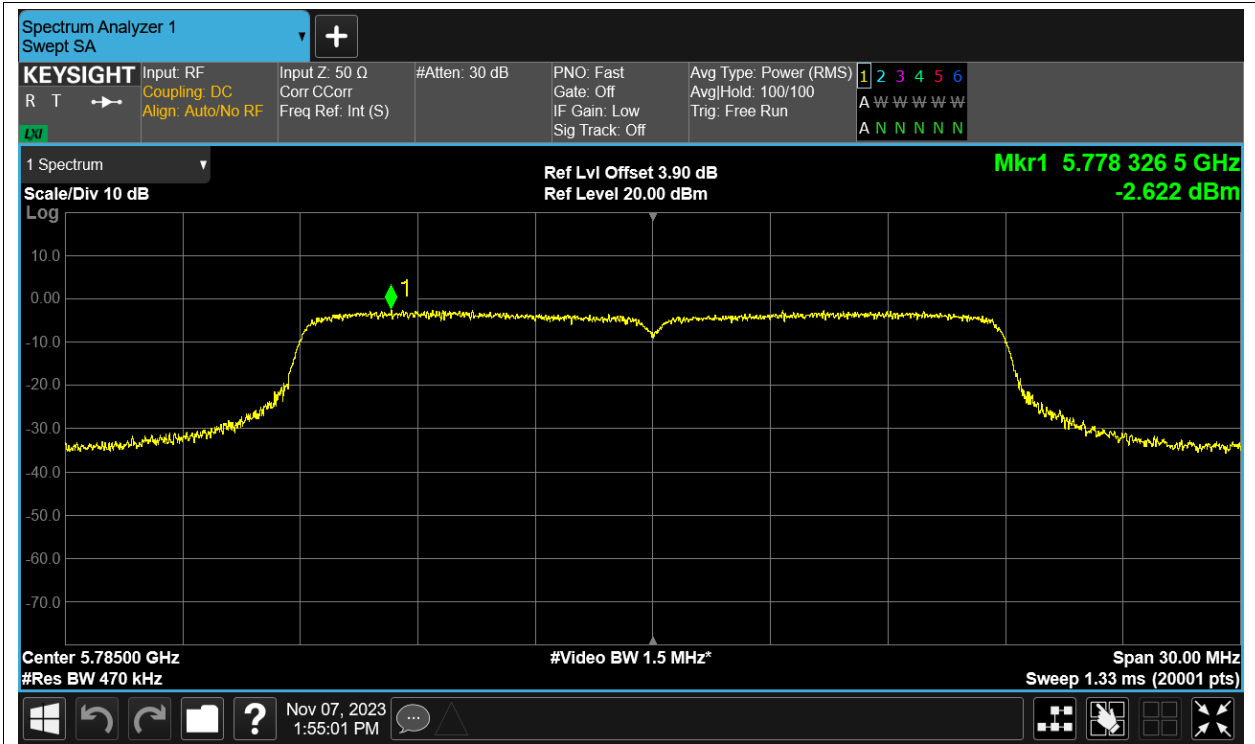
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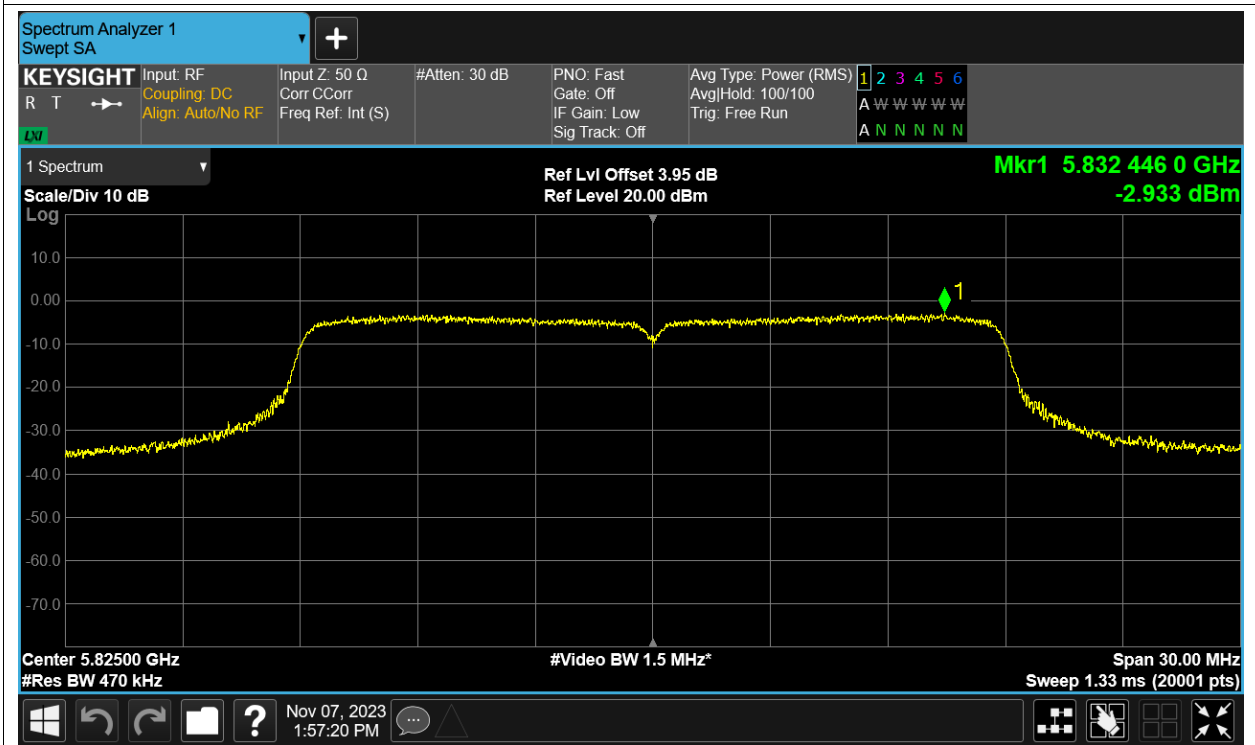
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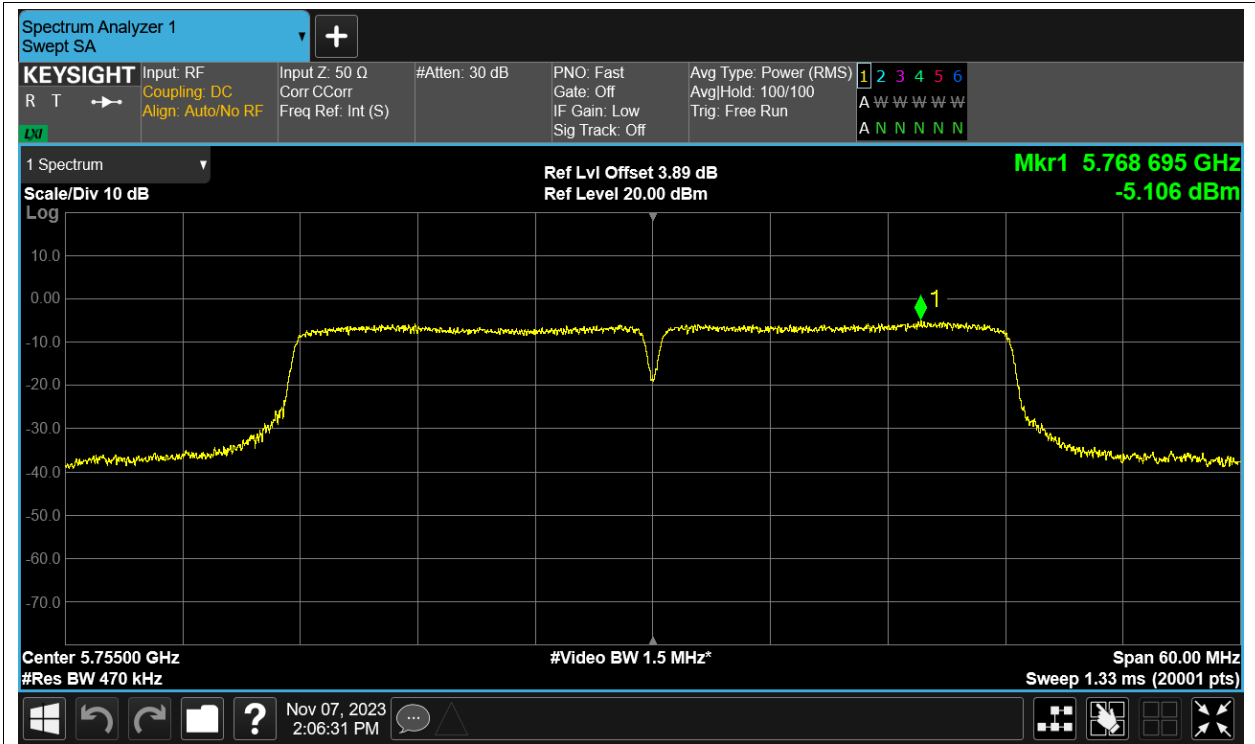
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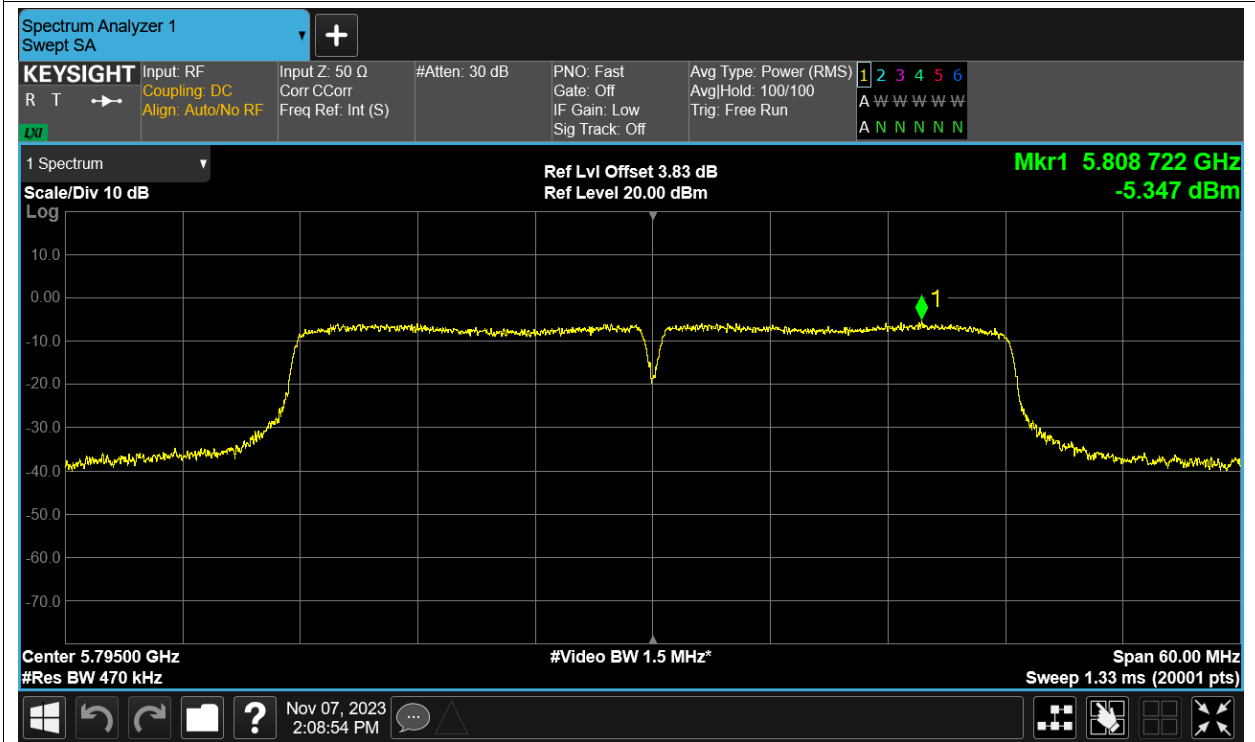
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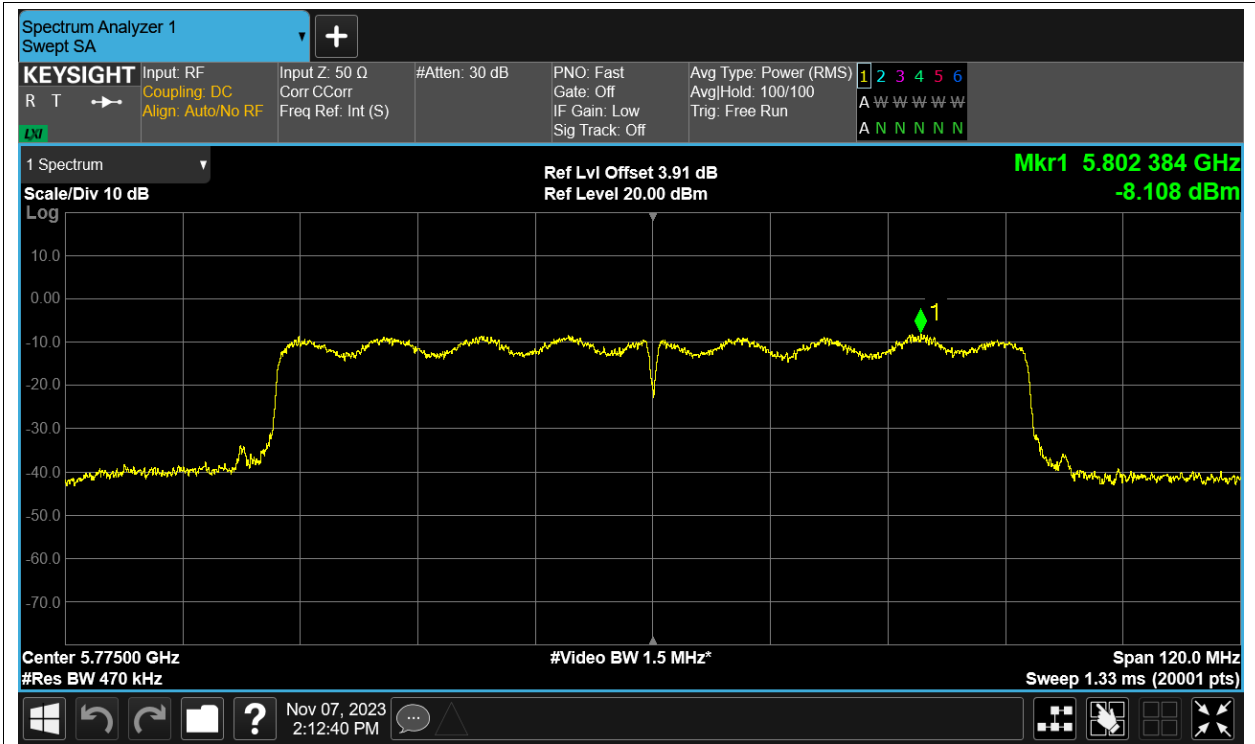
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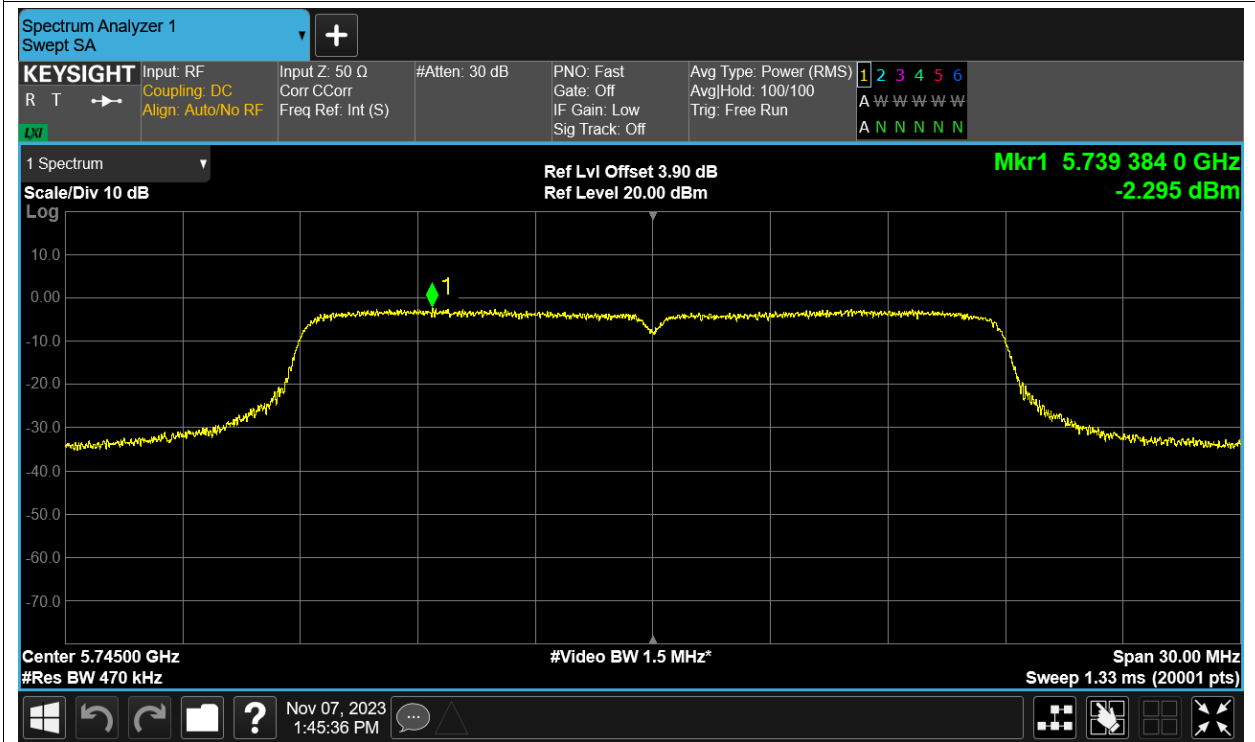
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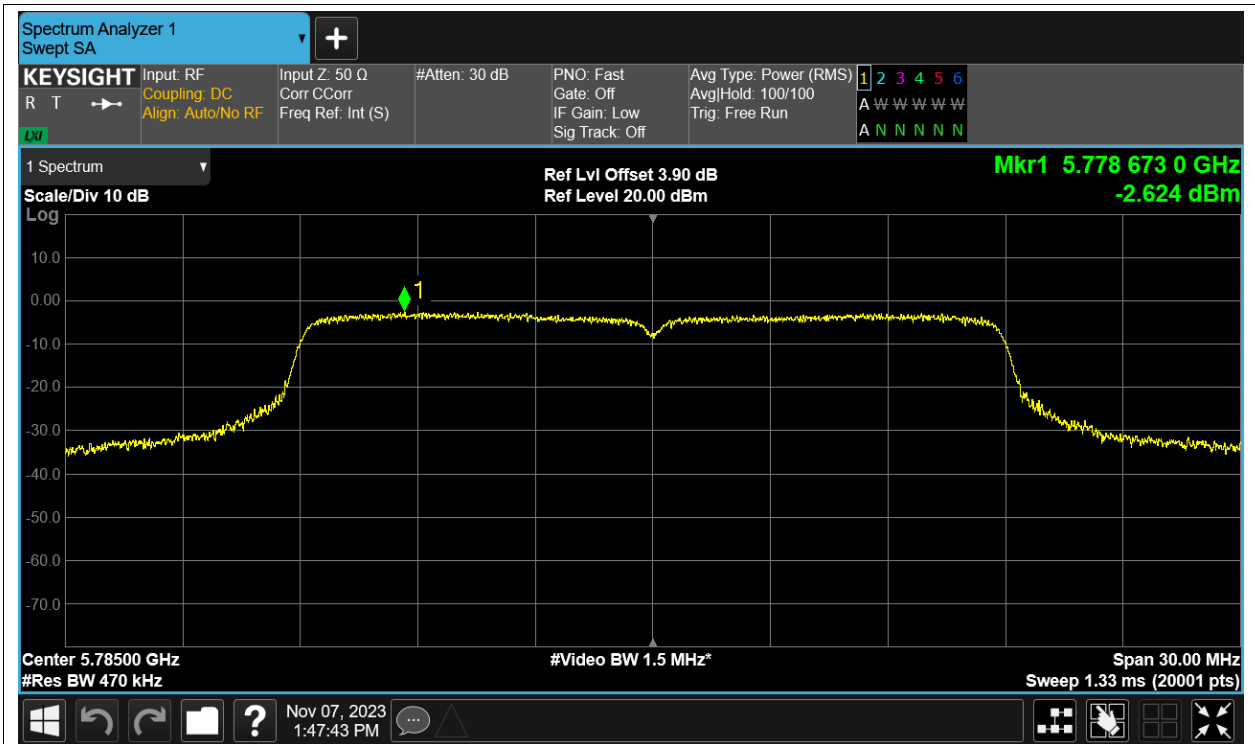
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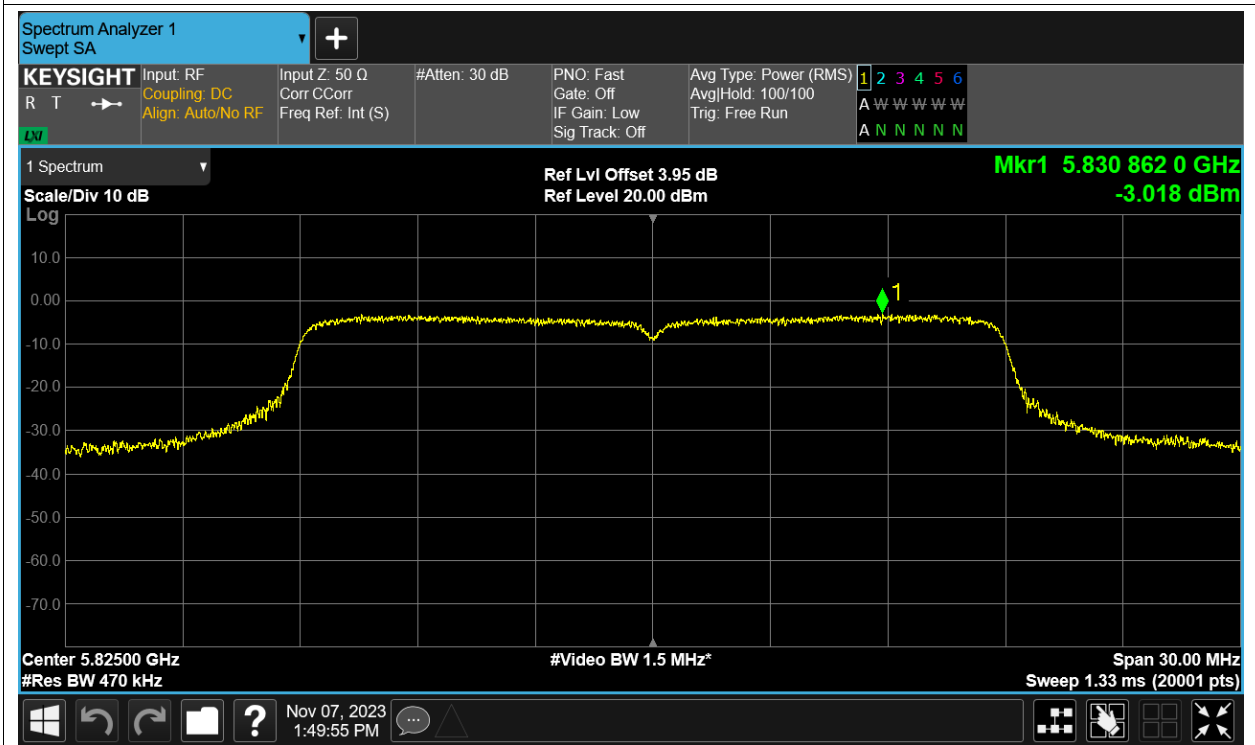
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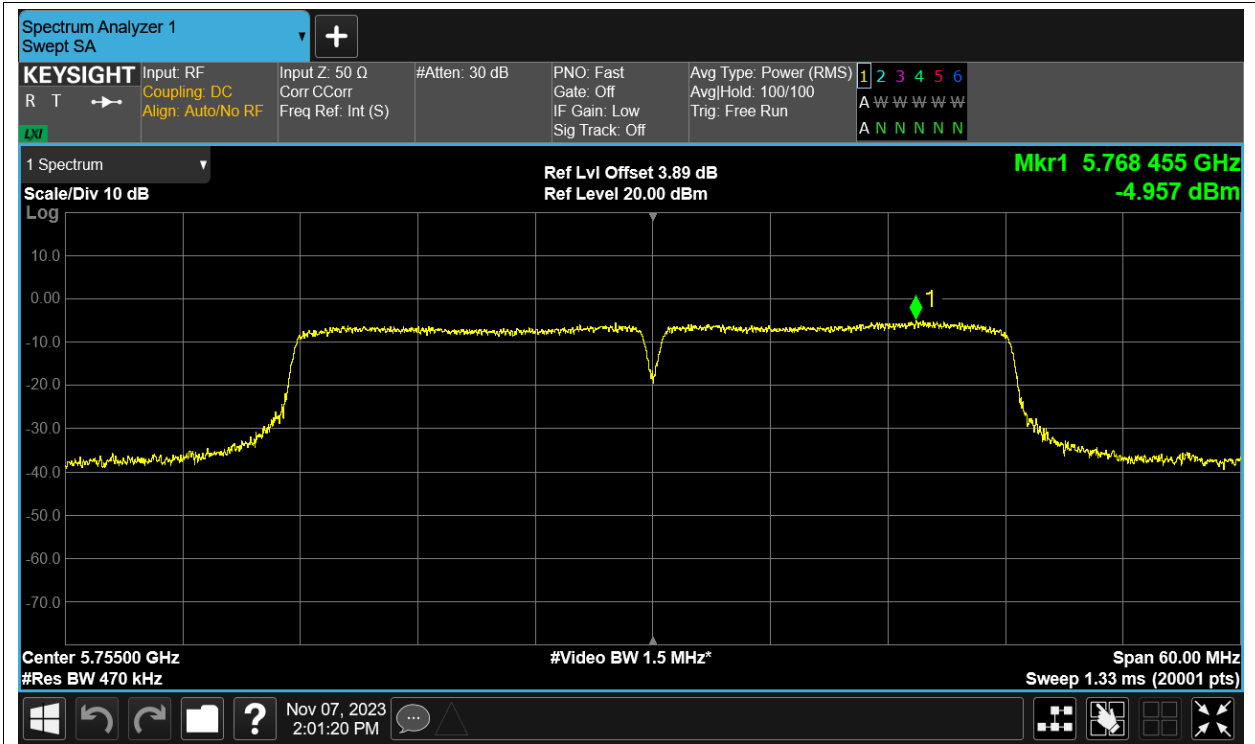
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PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

