

Test Data

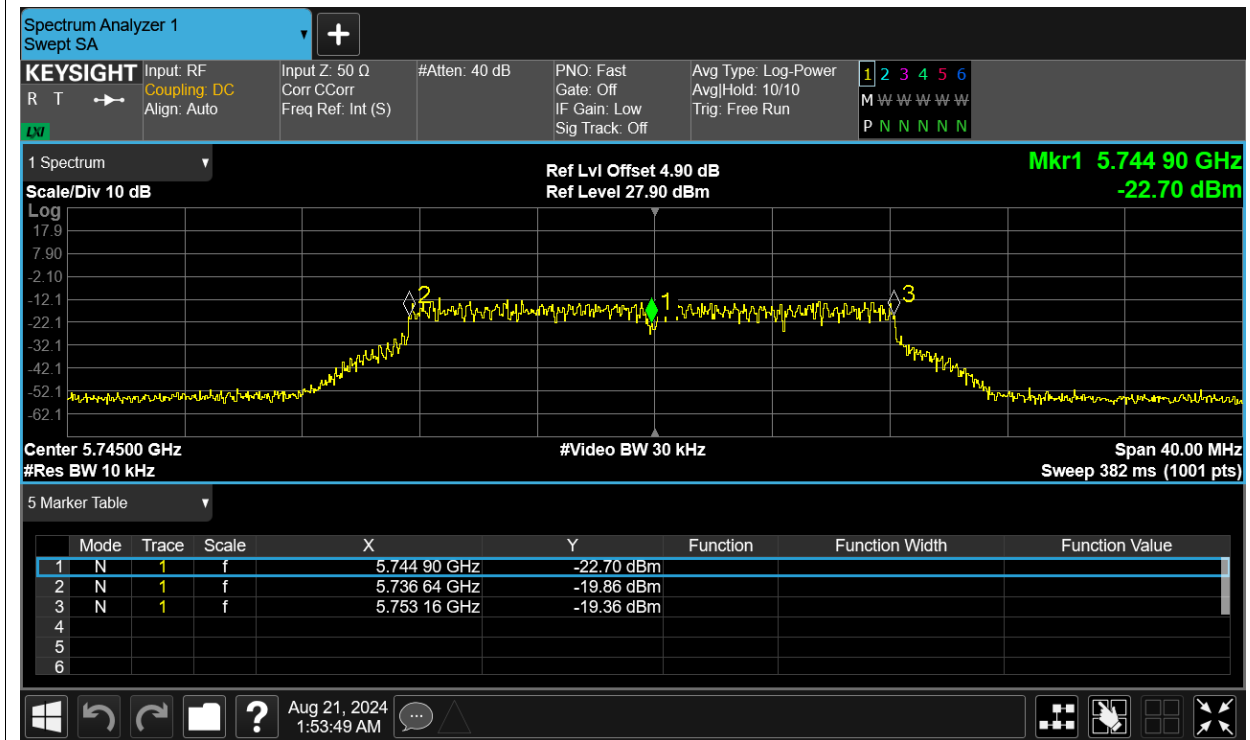
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
LVLT	a	5745	Ant1	5744.9	-17.41	Within authorized band	Pass
LVNT	a	5745	Ant1	5744.9	-17.41		Pass
NVHT	a	5745	Ant1	5744.9	-17.41		Pass
NVLT	a	5745	Ant1	5744.9	-17.41		Pass
NVNT	a	5745	Ant1	5744.9	-17.41		Pass
LVLT	ac80	5775	Ant1	5774.92	-13.85		Pass
LVNT	ac80	5775	Ant1	5774.92	-13.85		Pass
NVHT	ac80	5775	Ant1	5774.92	-13.85		Pass
NVLT	ac80	5775	Ant1	5774.92	-13.85		Pass
NVNT	ac80	5775	Ant1	5774.92	-13.85		Pass
LVLT	n40	5755	Ant1	5754.88	-20.85		Pass
LVNT	n40	5755	Ant1	5754.92	-13.9		Pass
NVHT	n40	5755	Ant1	5754.92	-13.9		Pass
NVLT	n40	5755	Ant1	5754.92	-13.9		Pass
NVNT	n40	5755	Ant1	5754.88	-20.85		Pass

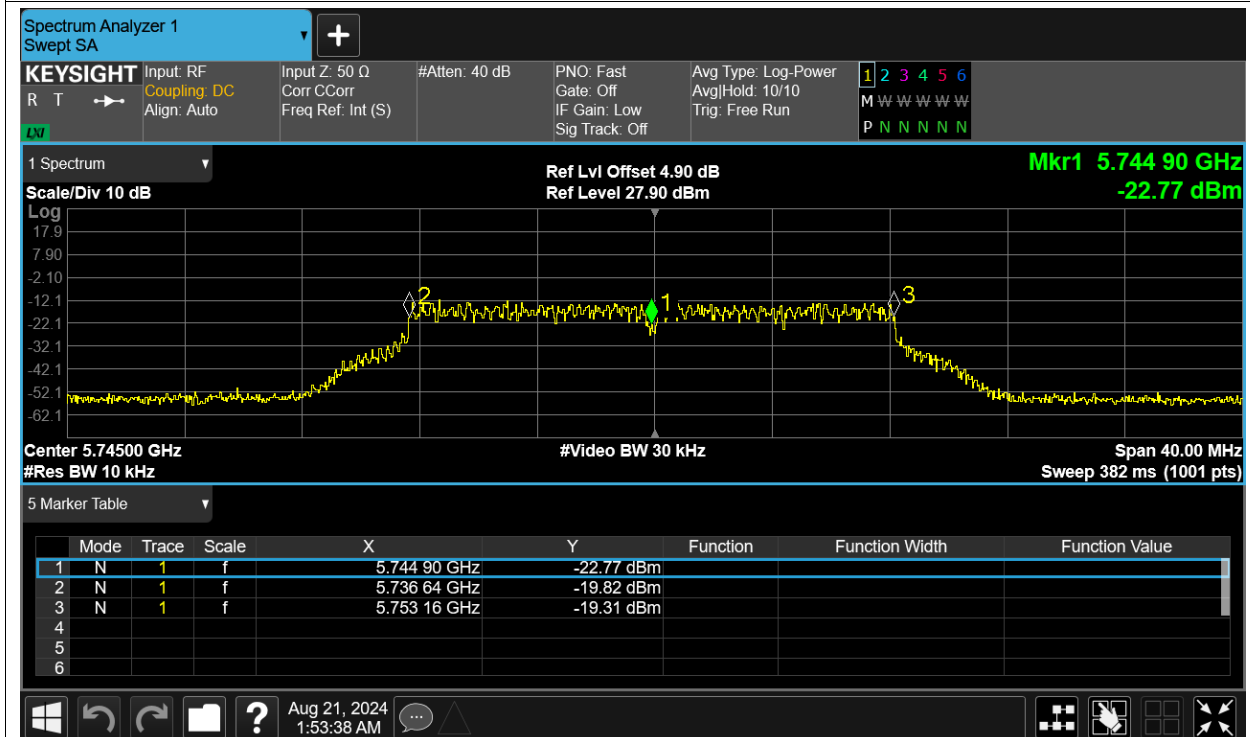
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

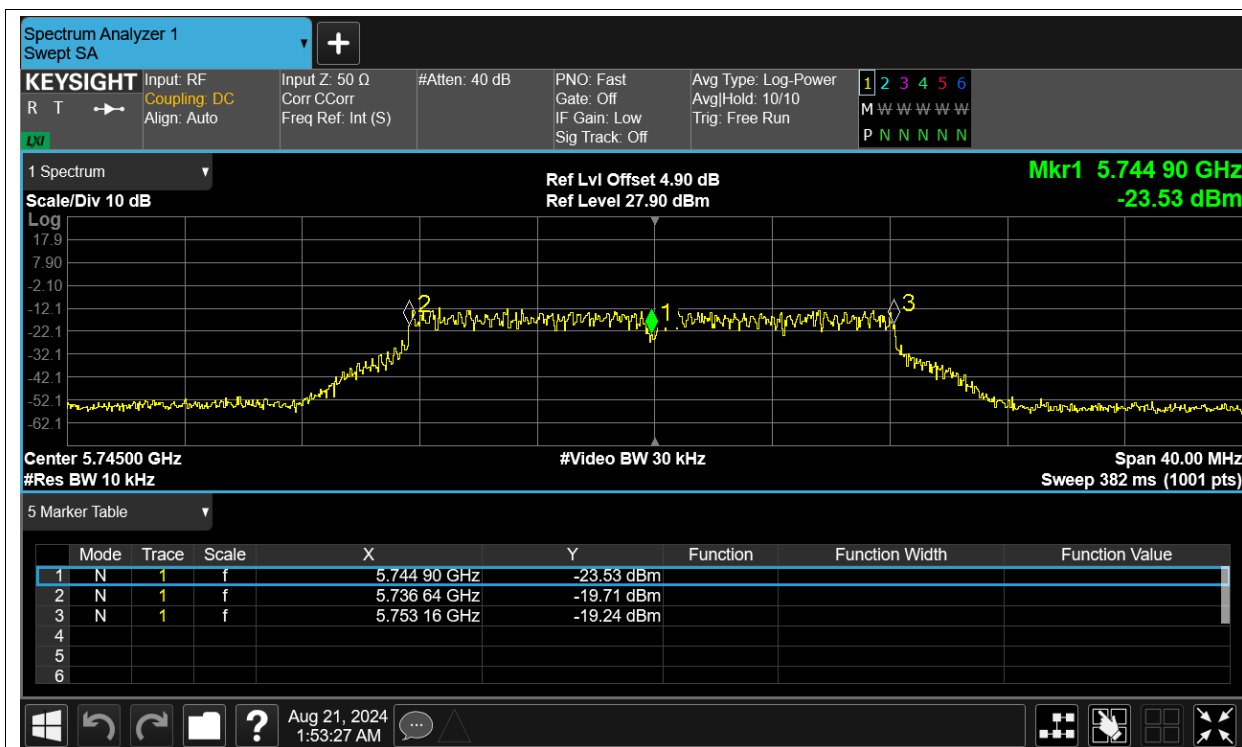
Freq. Stability LVLT a 5745MHz Ant1



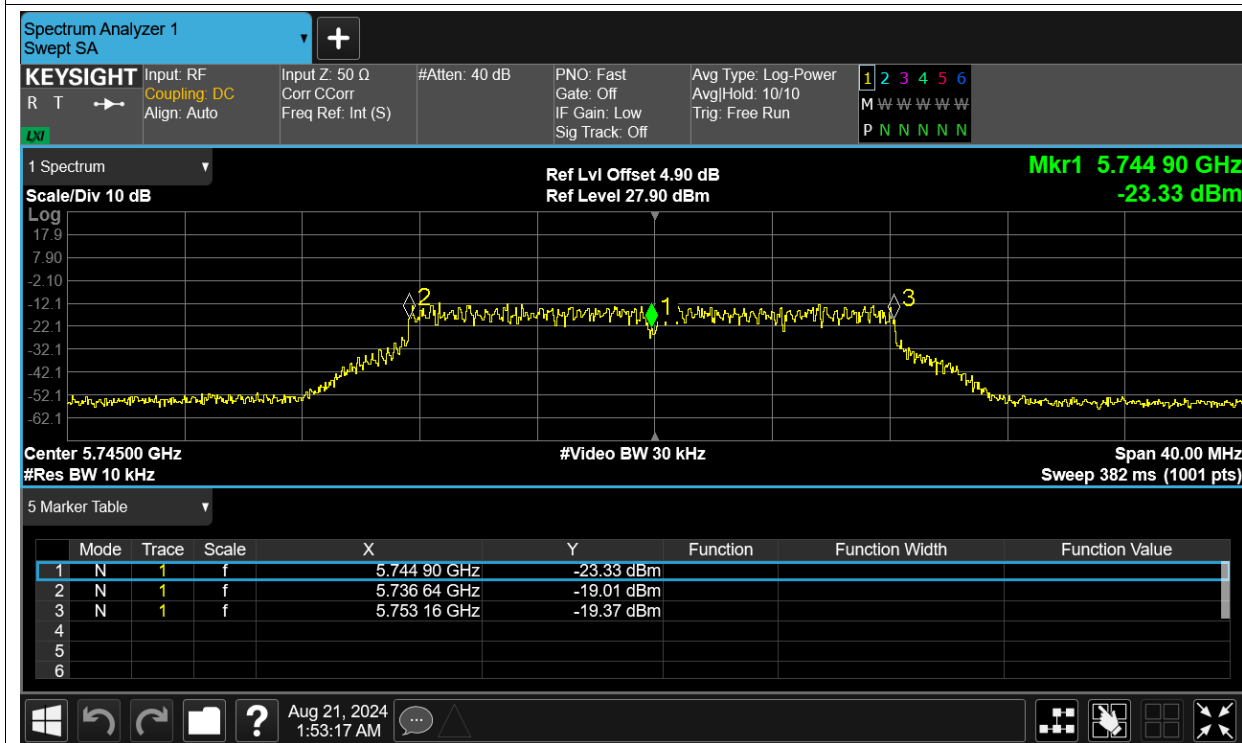
Freq. Stability LVNT a 5745MHz Ant1



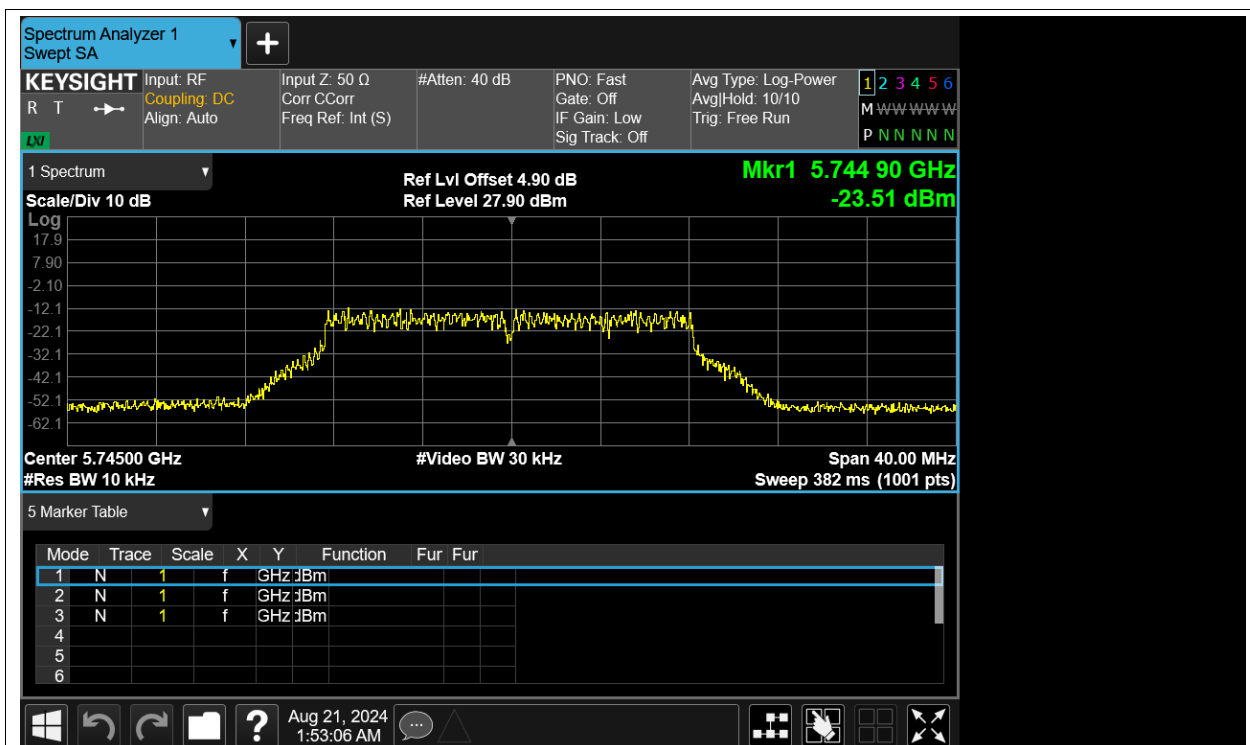
Freq. Stability NVHT a 5745MHz Ant1



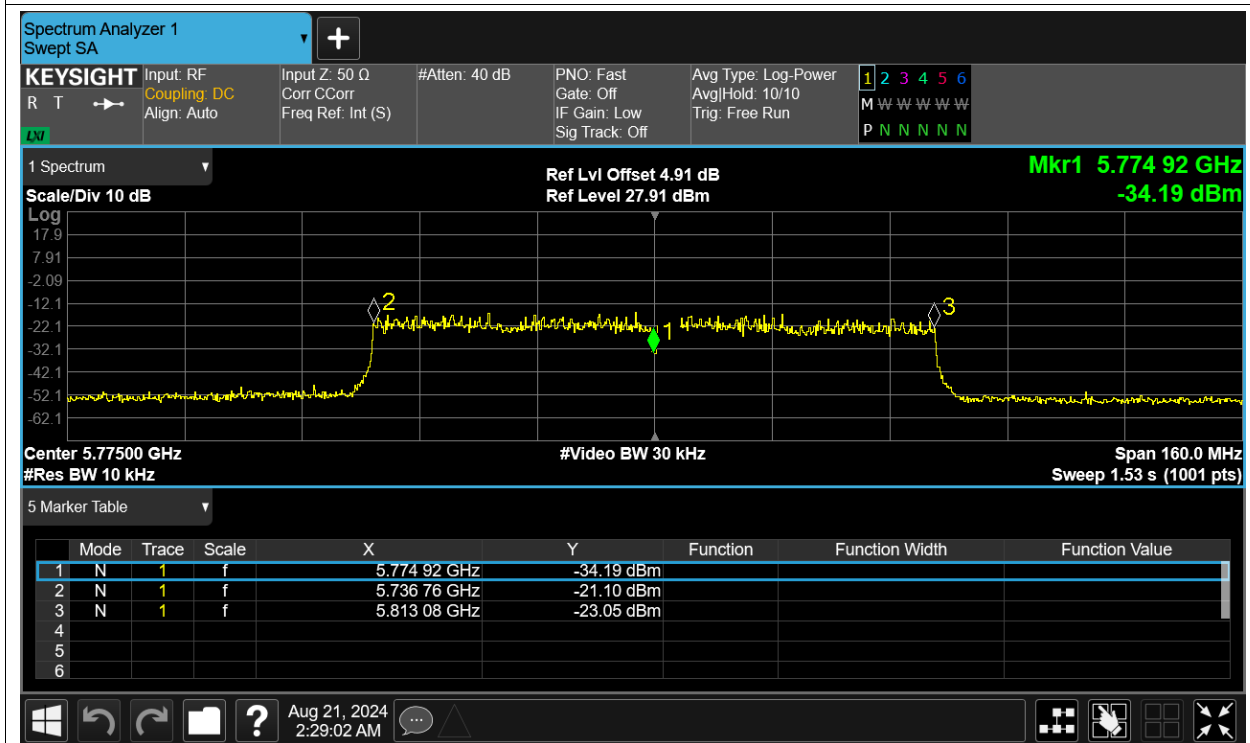
Freq. Stability NVLT a 5745MHz Ant1



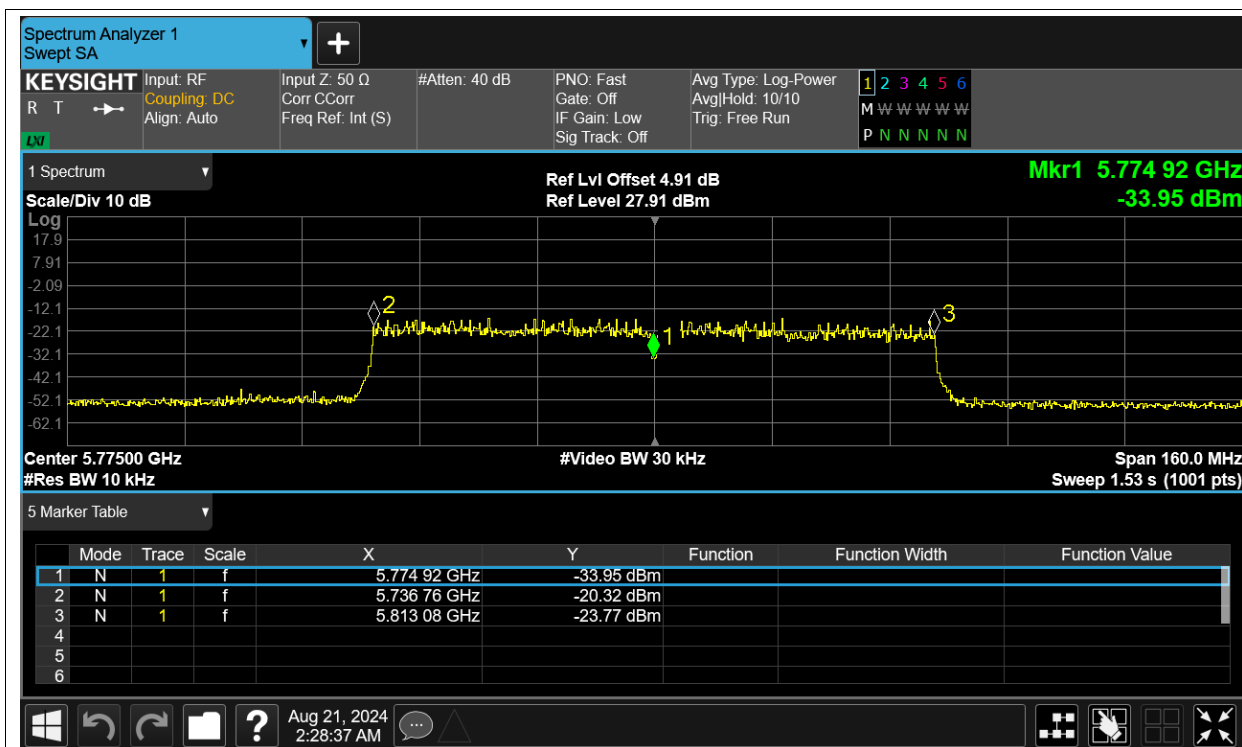
Freq. Stability NVNT a 5745MHz Ant1



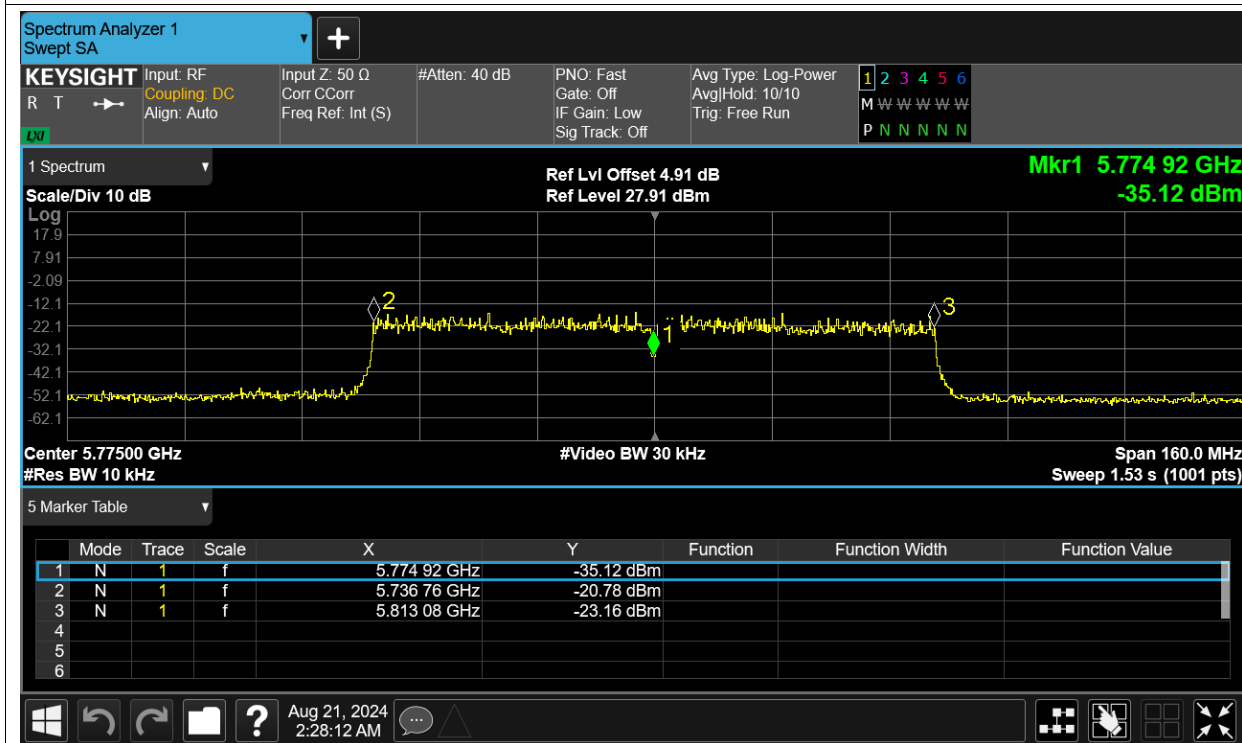
Freq. Stability LVLTL ac80 5775MHz Ant1



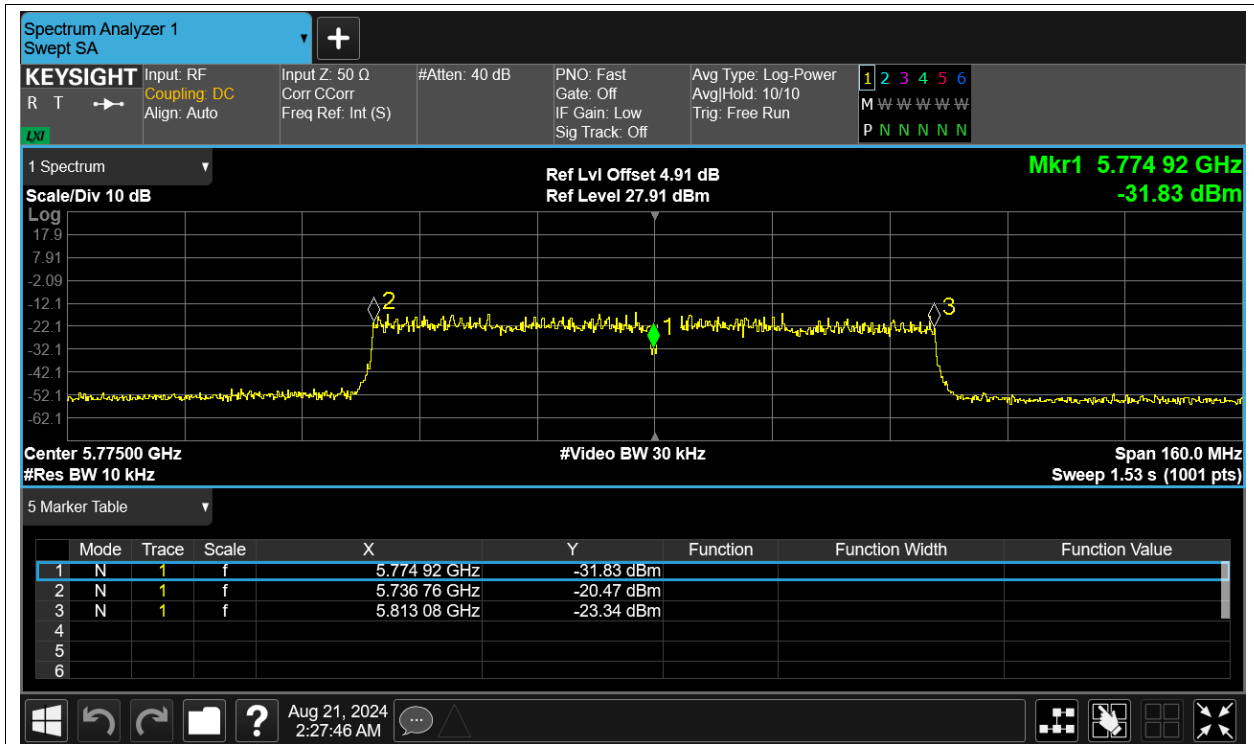
Freq. Stability LVNT ac80 5775MHz Ant1



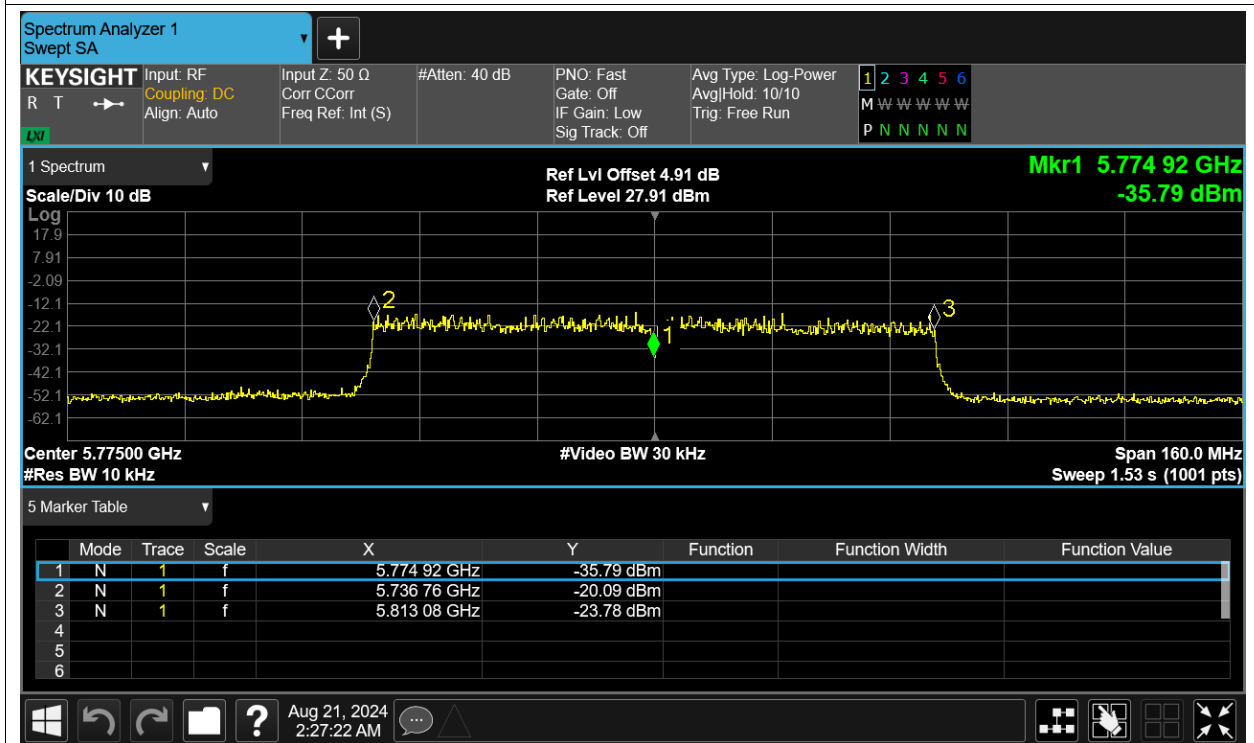
Freq. Stability NVHT ac80 5775MHz Ant1



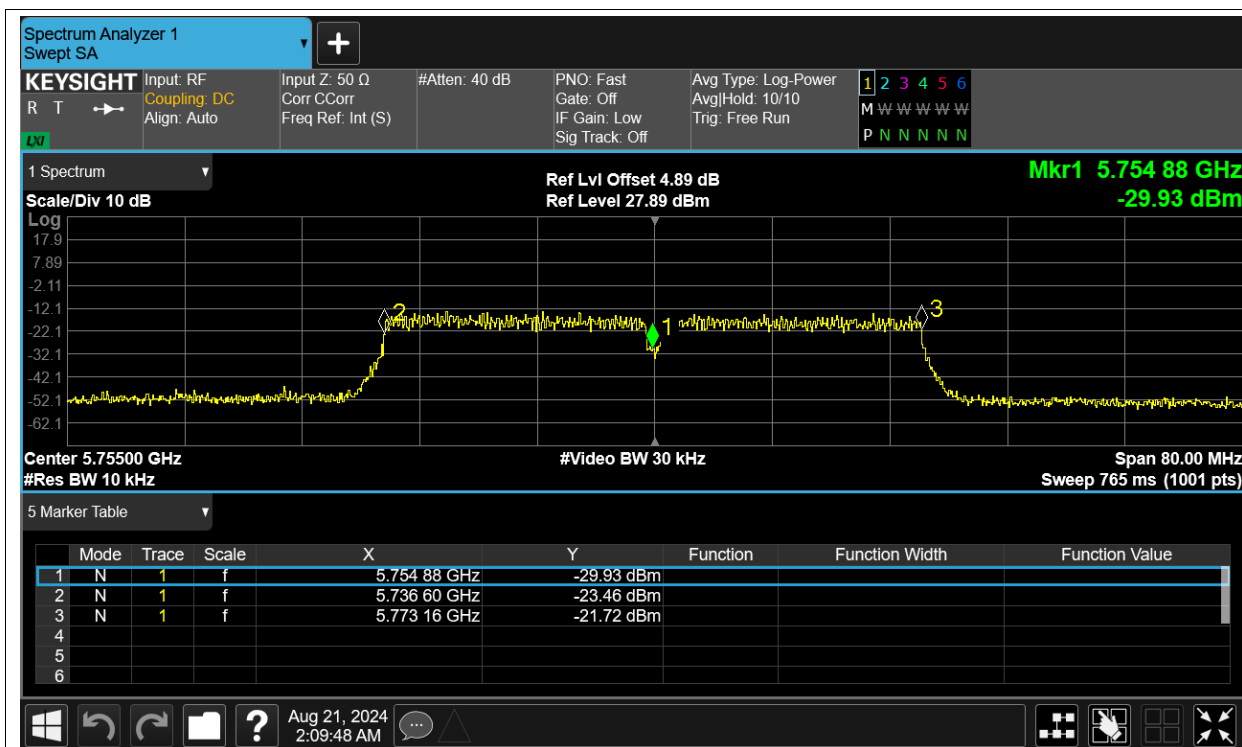
Freq. Stability NVLT ac80 5775MHz Ant1



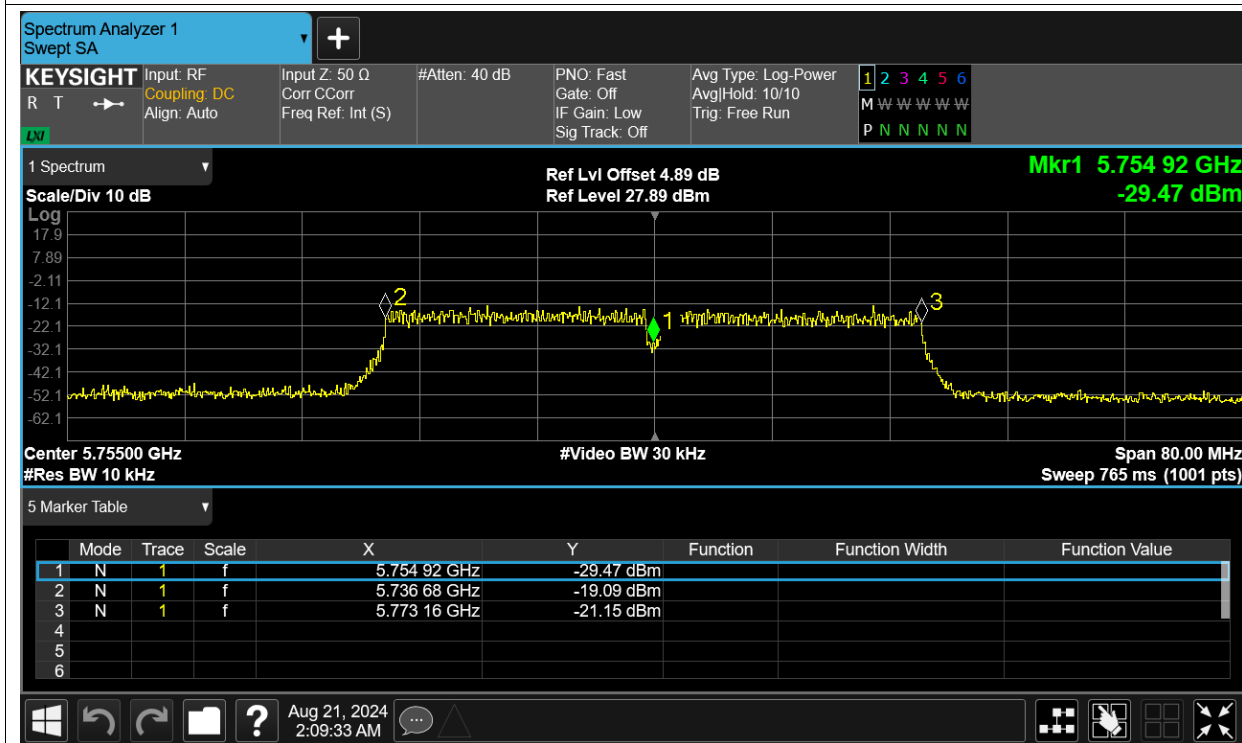
Freq. Stability NVNT ac80 5775MHz Ant1



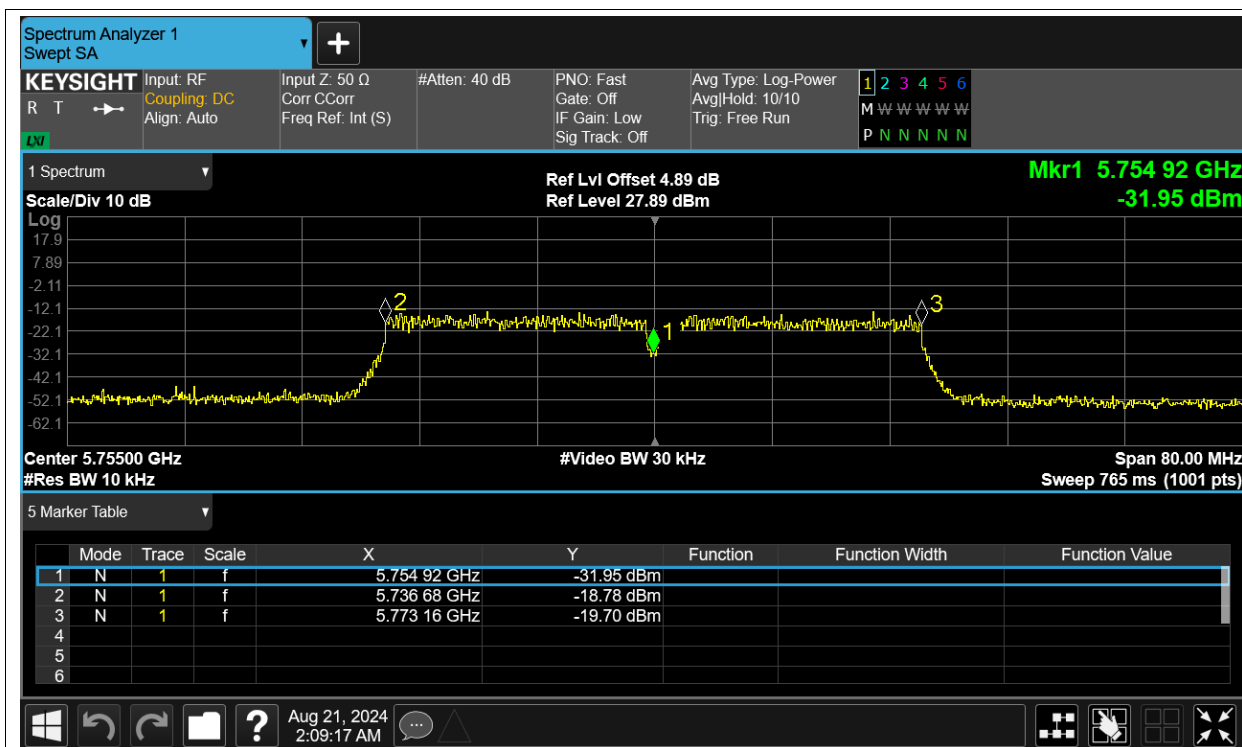
Freq. Stability LVLT n40 5755MHz Ant1



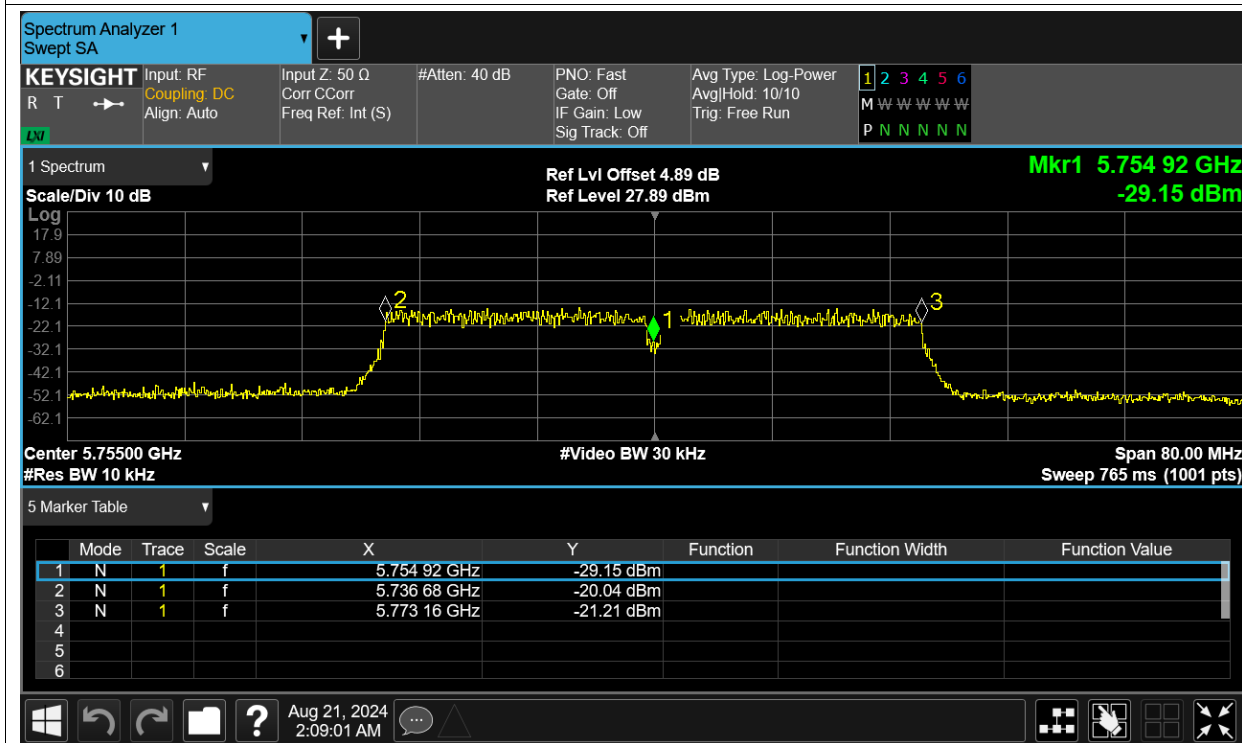
Freq. Stability LVNT n40 5755MHz Ant1



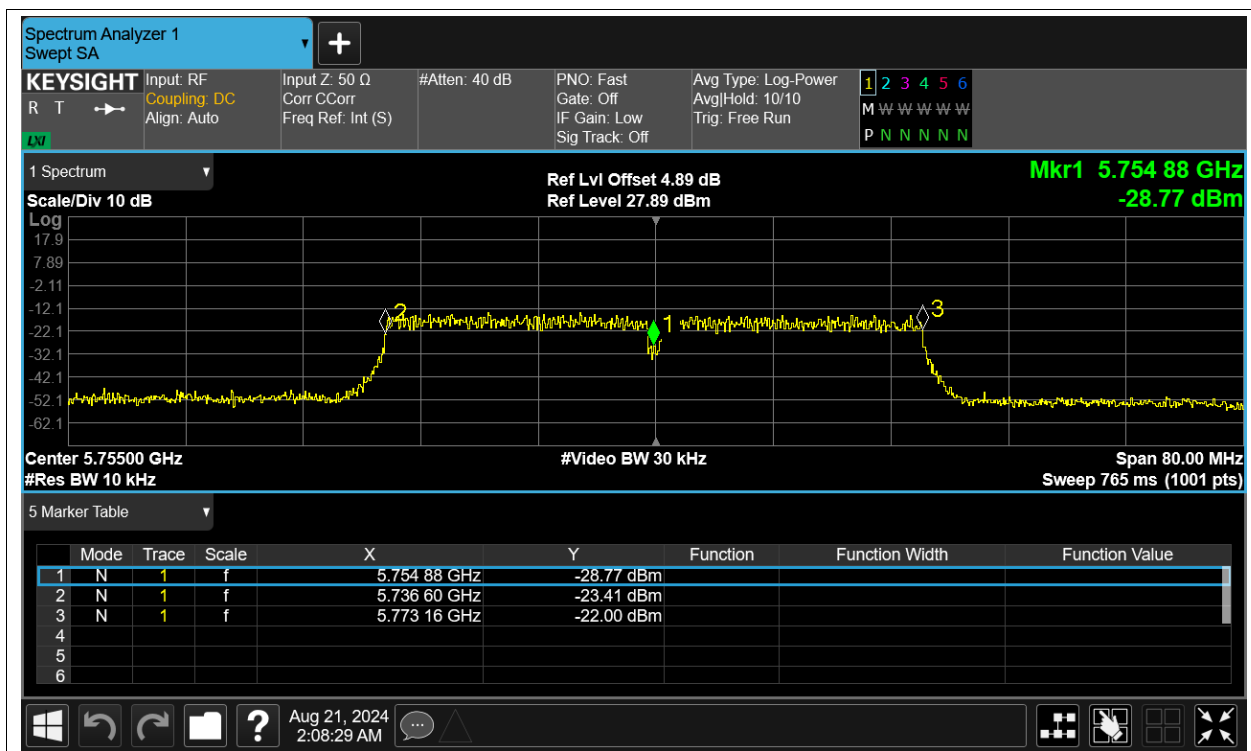
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

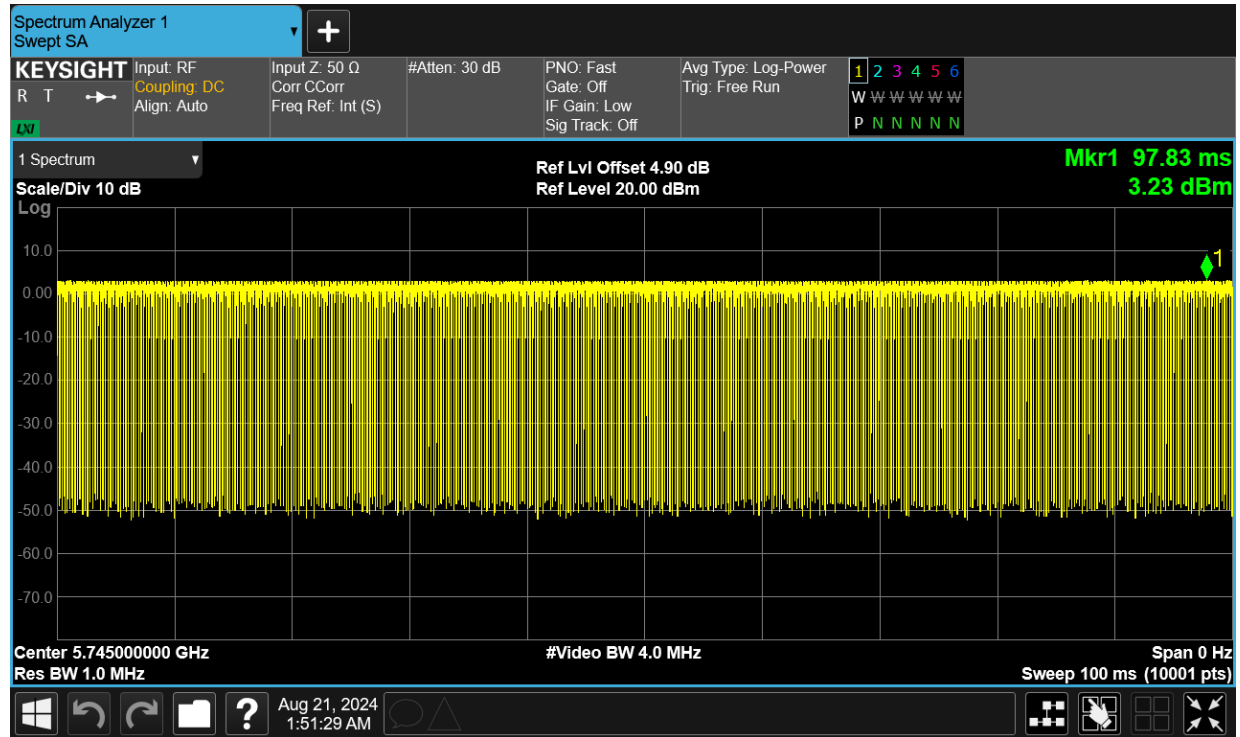


Duty Cycle

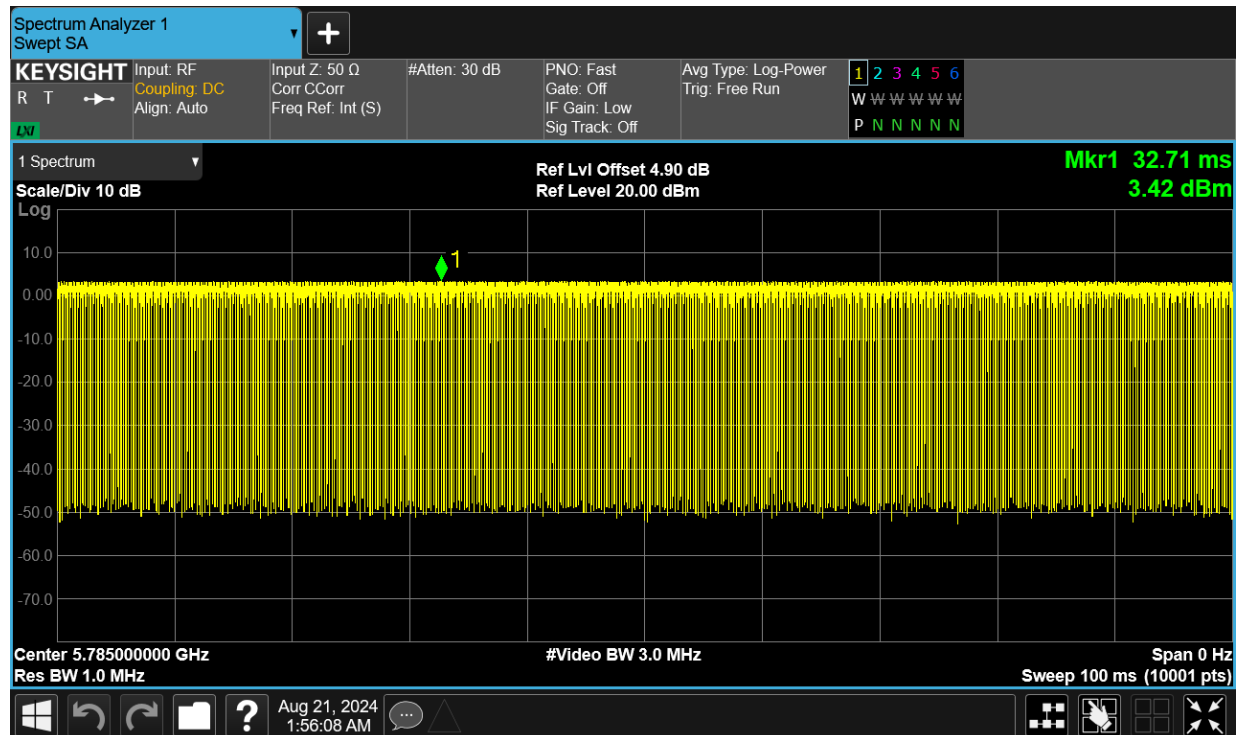
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	87.18	0.6
NVNT	a	5785	Ant1	87.1	0.6
NVNT	a	5825	Ant1	87.11	0.6
NVNT	ac20	5745	Ant1	85.31	0.69
NVNT	ac20	5785	Ant1	85.34	0.69
NVNT	ac20	5825	Ant1	85.04	0.7
NVNT	ac40	5755	Ant1	78.85	1.03
NVNT	ac40	5795	Ant1	78.25	1.07
NVNT	ac80	5775	Ant1	73.38	1.34
NVNT	n20	5745	Ant1	86.42	0.63
NVNT	n20	5785	Ant1	86.4	0.63
NVNT	n20	5825	Ant1	86.3	0.64
NVNT	n40	5755	Ant1	80.67	0.93
NVNT	n40	5795	Ant1	80.2	0.96

Test Graphs

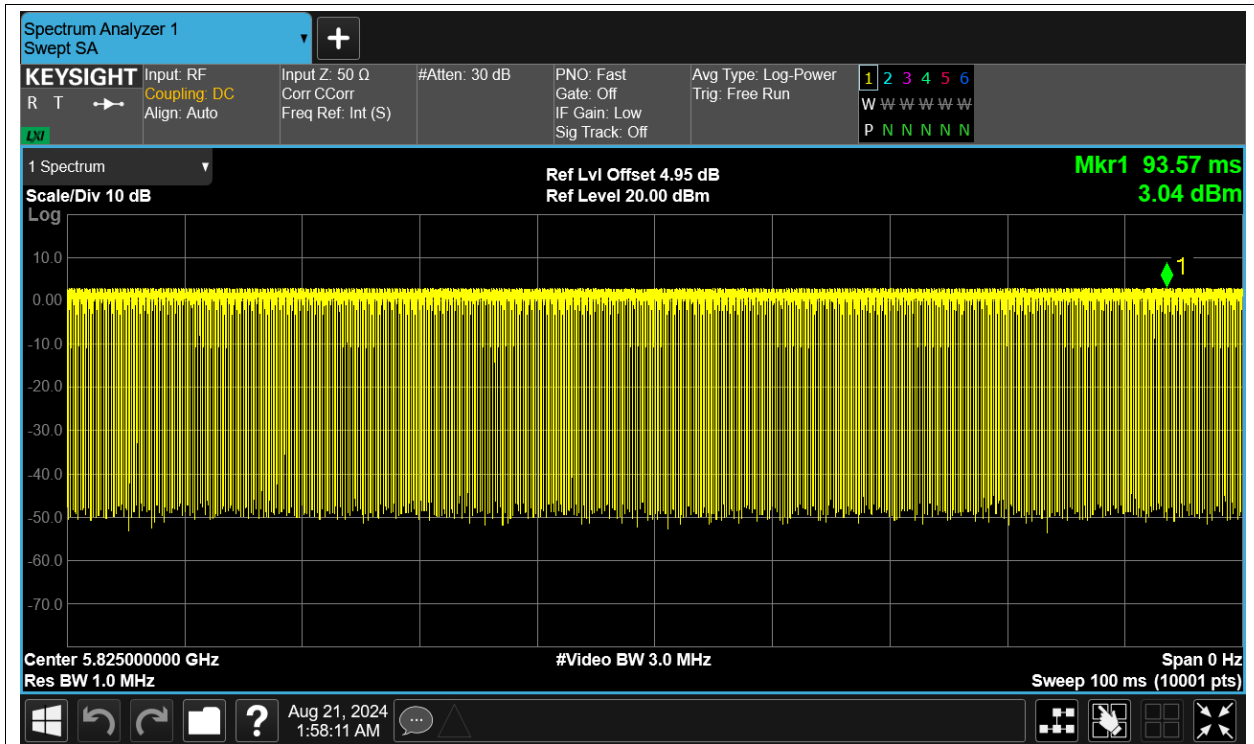
Duty Cycle NVNT a 5745MHz Ant1



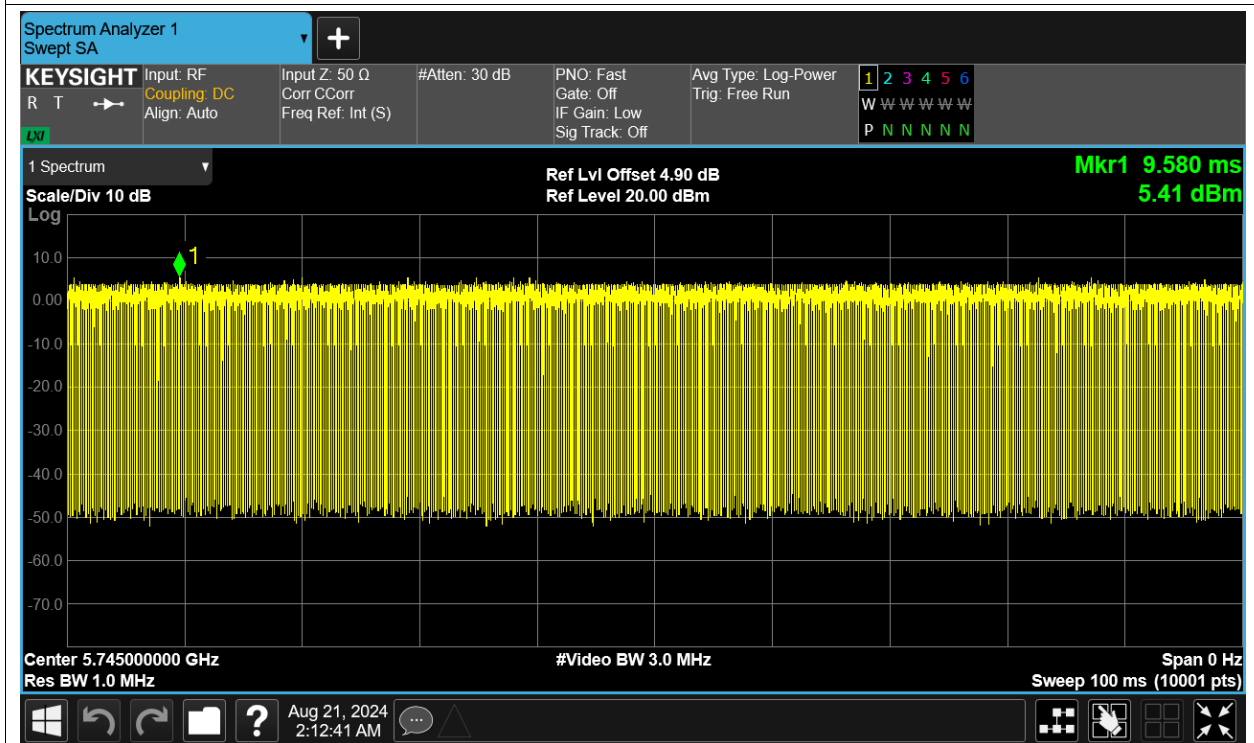
Duty Cycle NVNT a 5785MHz Ant1



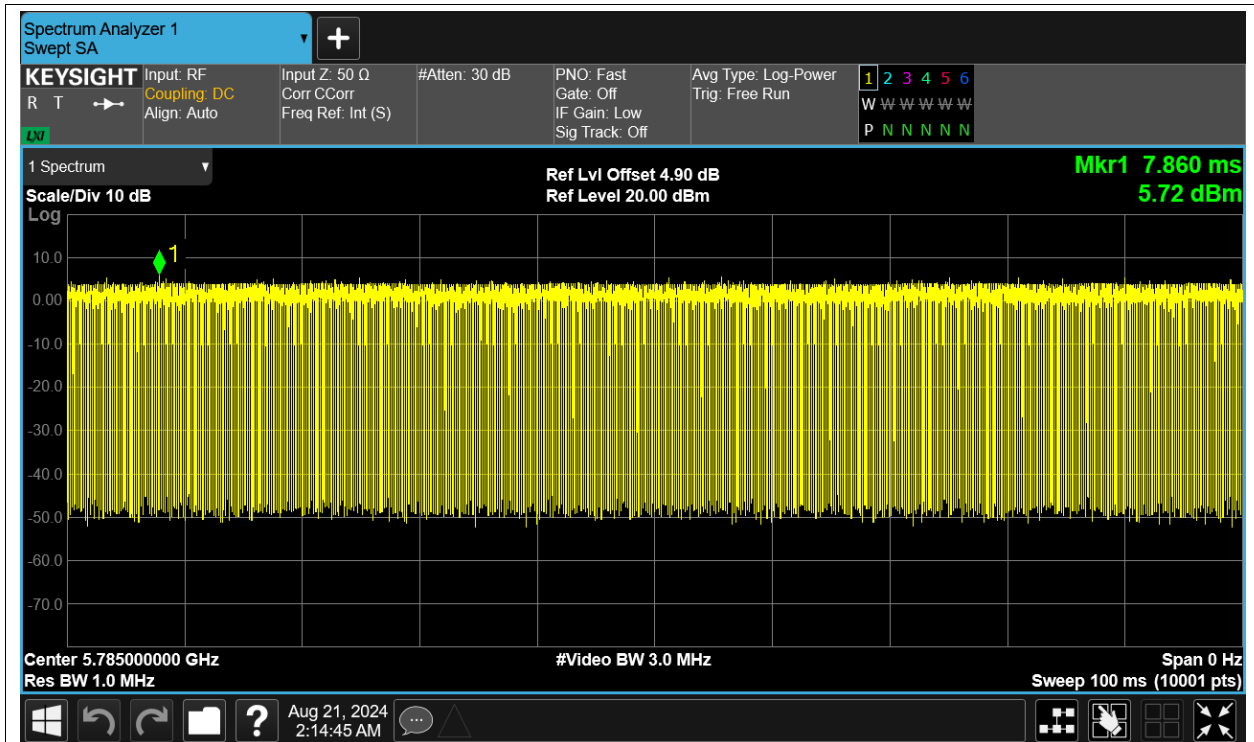
Duty Cycle NVNT a 5825MHz Ant1



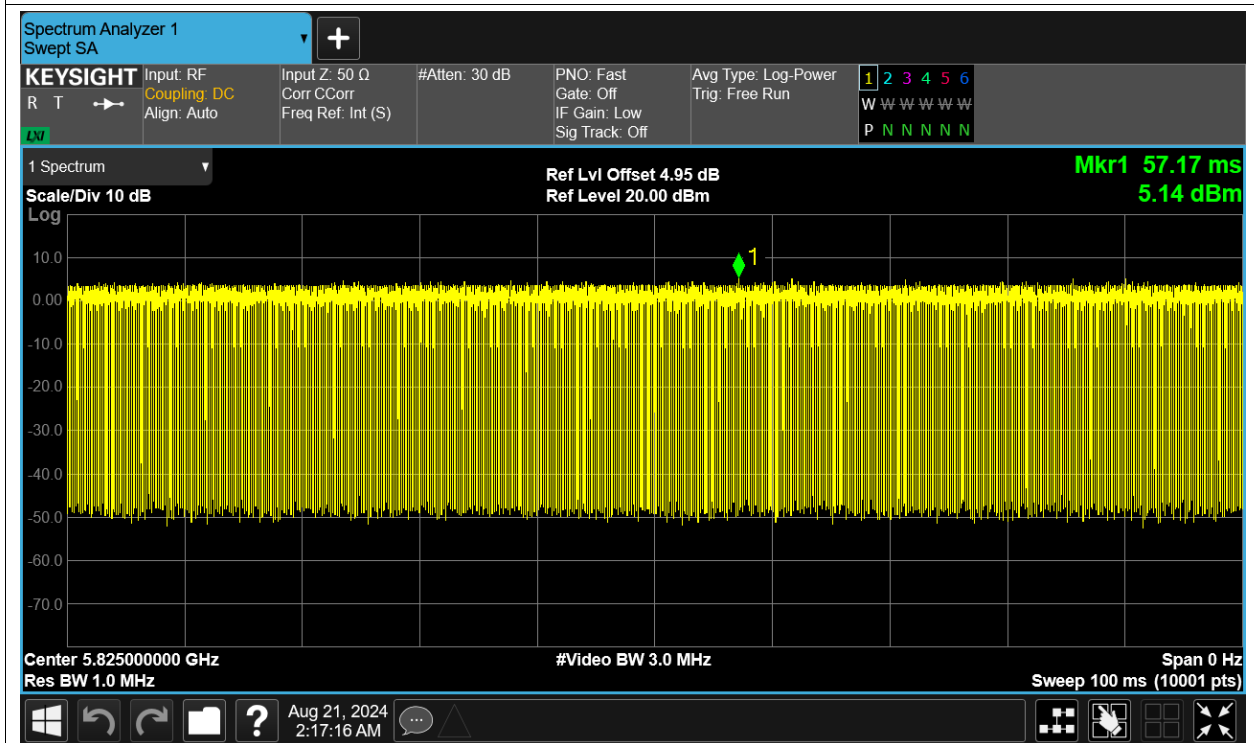
Duty Cycle NVNT ac20 5745MHz Ant1



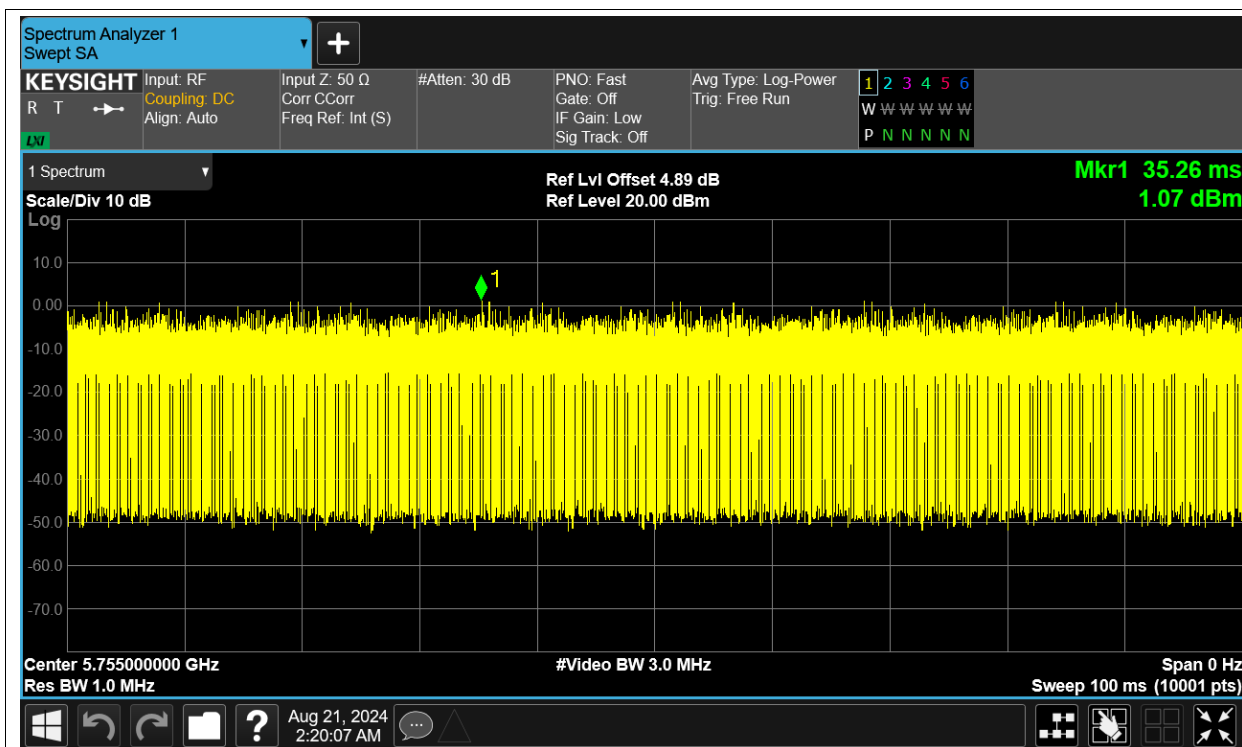
Duty Cycle NVNT ac20 5785MHz Ant1



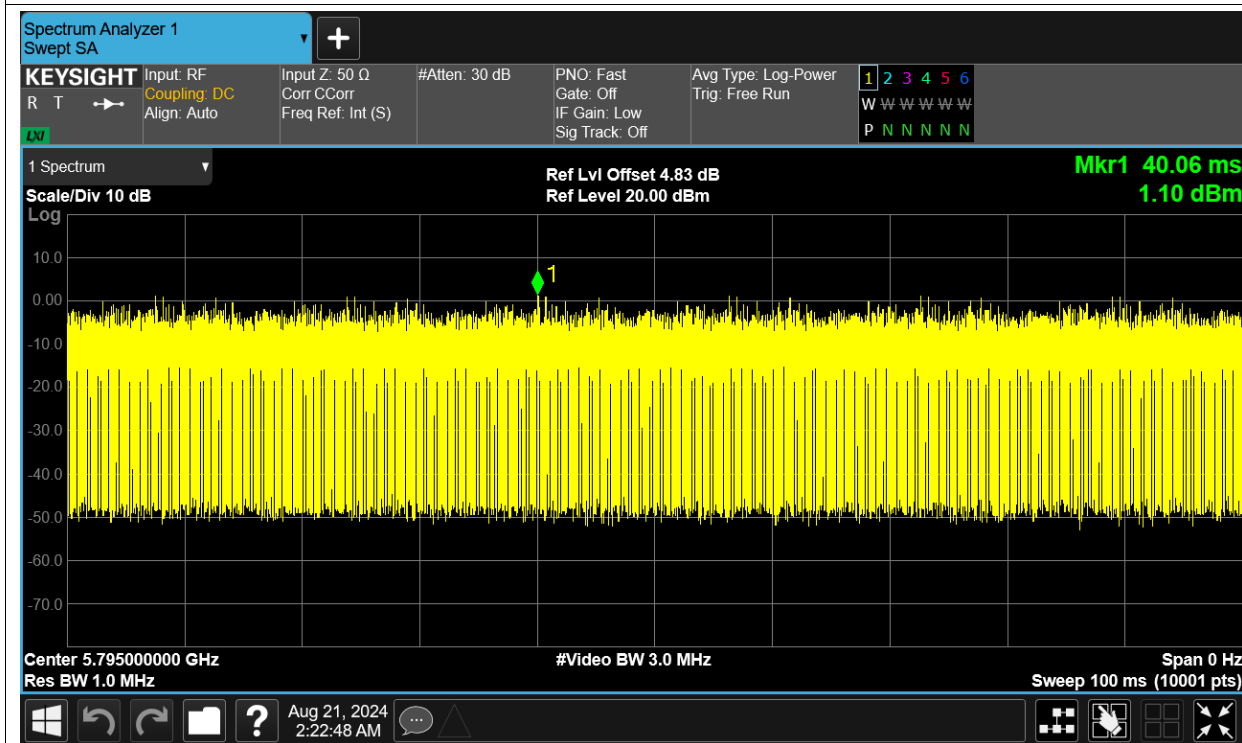
Duty Cycle NVNT ac20 5825MHz Ant1



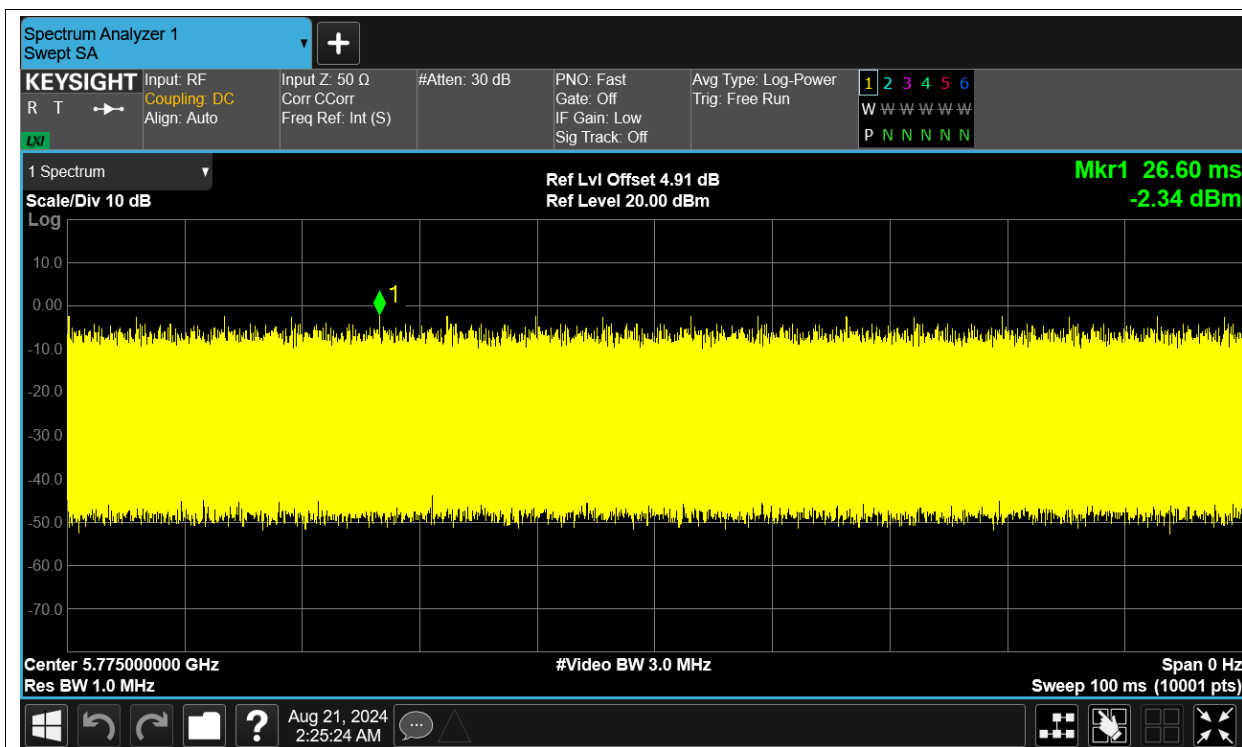
Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



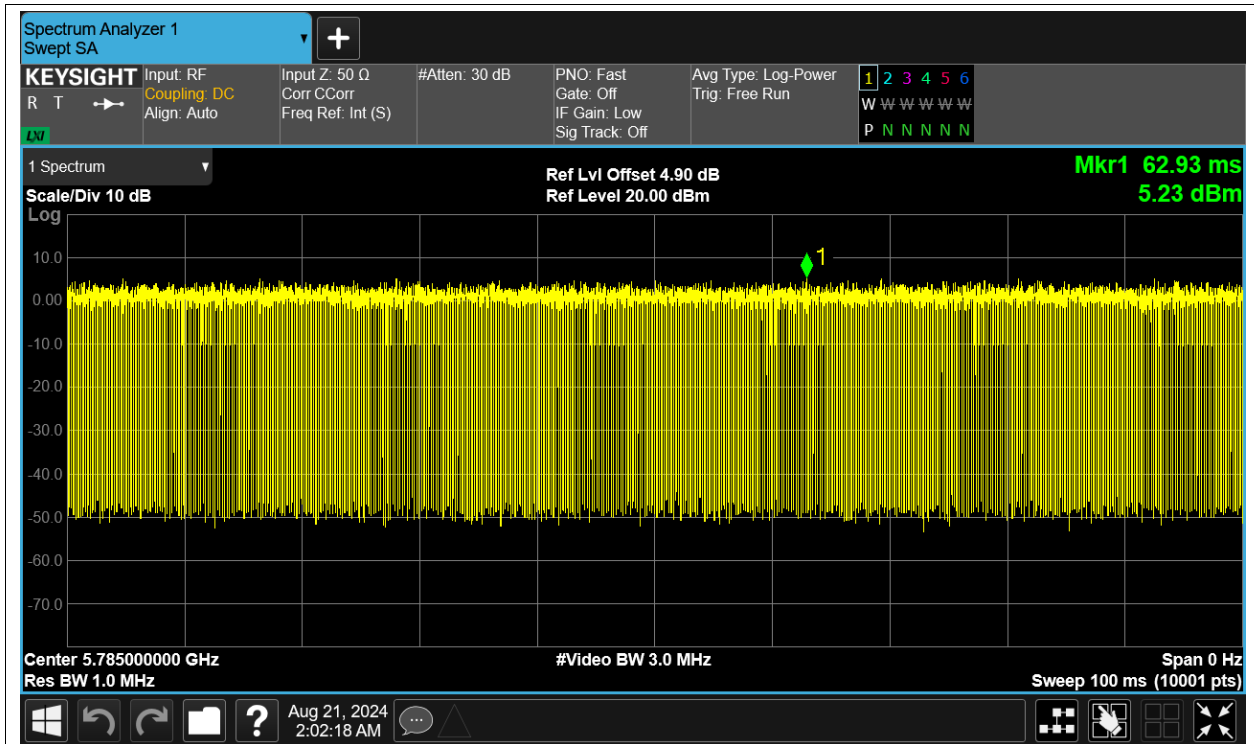
Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1



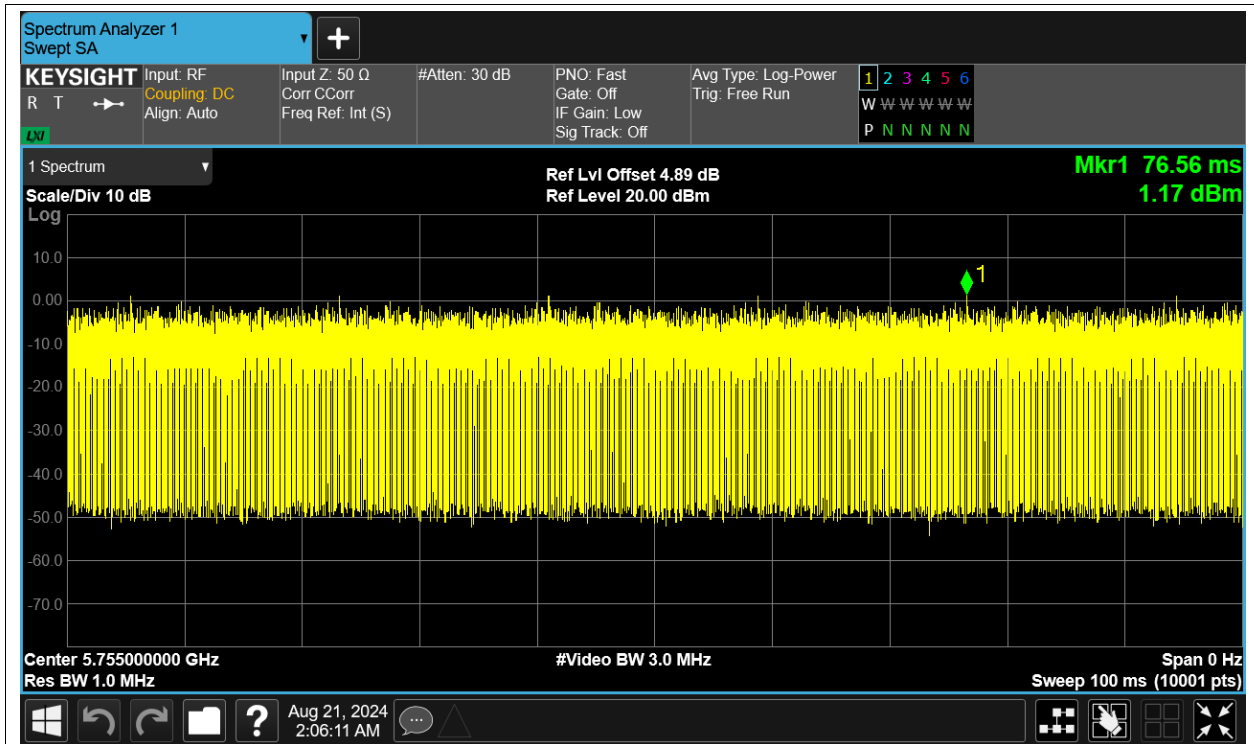
Duty Cycle NVNT n20 5785MHz Ant1



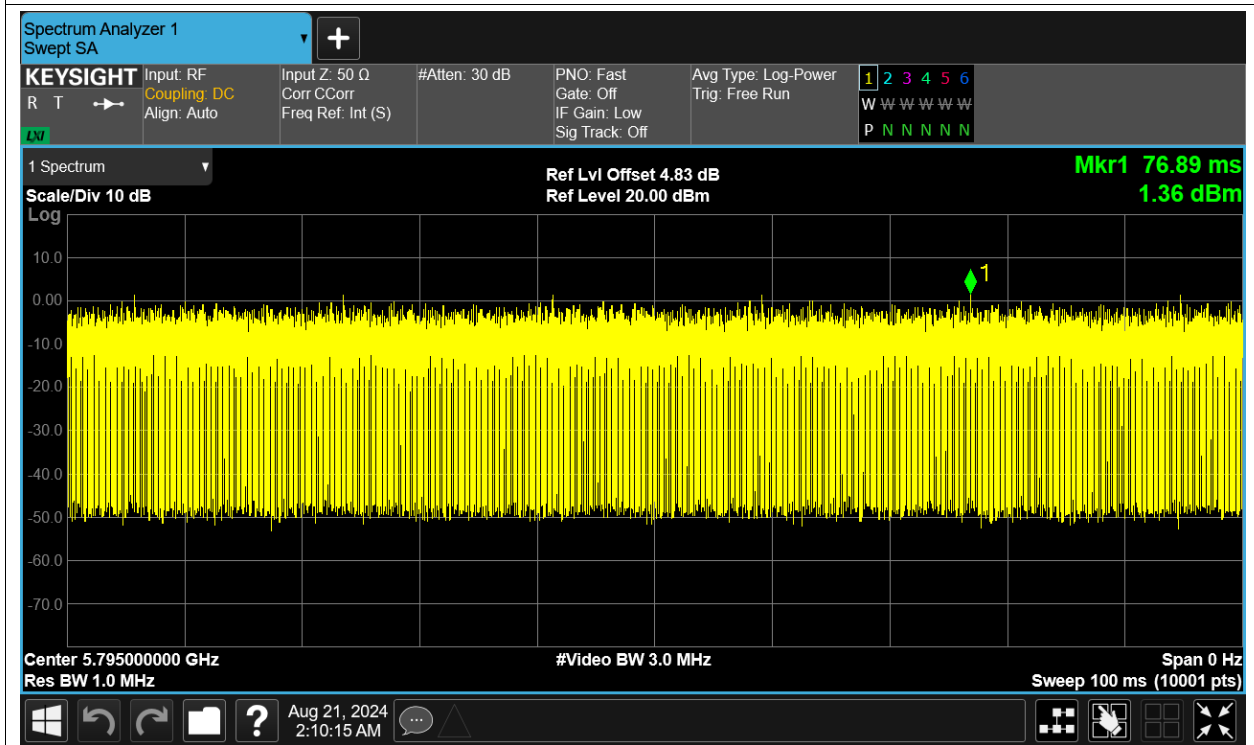
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

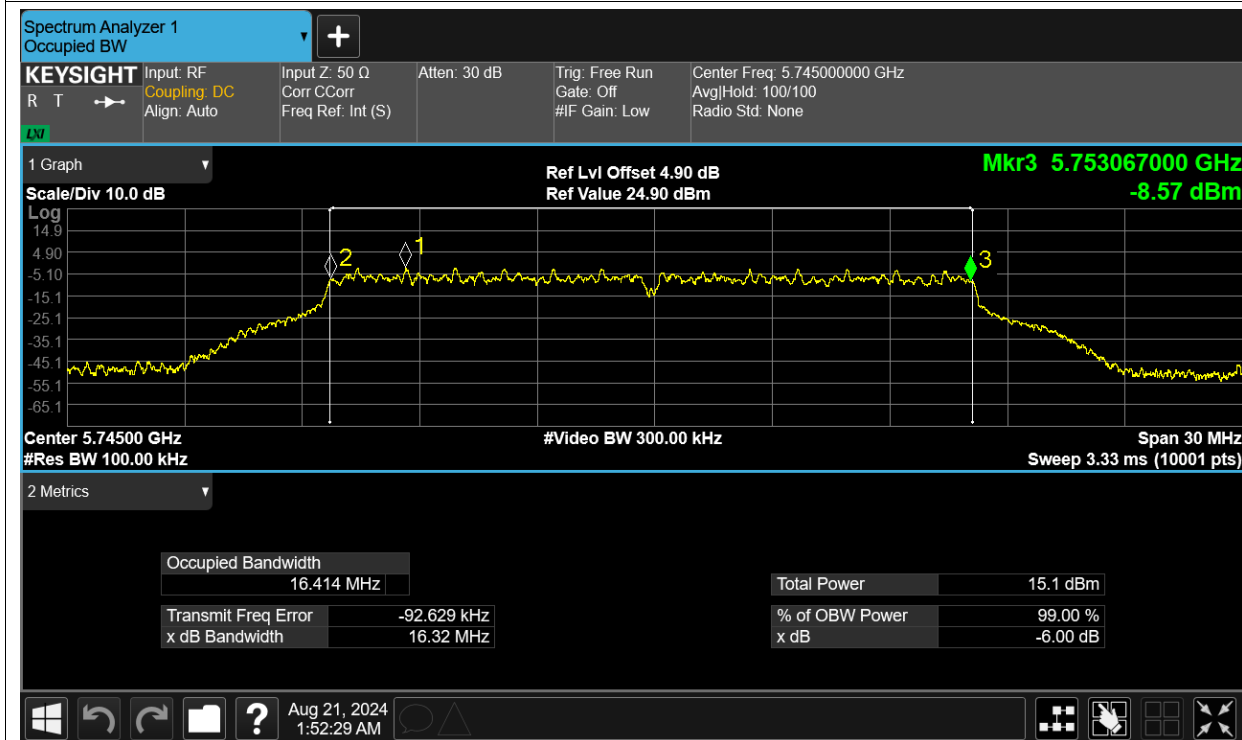
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.99	0.6	10.59	30	Pass
NVNT	a	5785	Ant1	10.14	0.6	10.74	30	Pass
NVNT	a	5825	Ant1	10.16	0.6	10.76	30	Pass
NVNT	ac20	5745	Ant1	10.08	0.69	10.77	30	Pass
NVNT	ac20	5785	Ant1	10.01	0.69	10.7	30	Pass
NVNT	ac20	5825	Ant1	10.05	0.7	10.75	30	Pass
NVNT	ac40	5755	Ant1	10.13	1.03	11.16	30	Pass
NVNT	ac40	5795	Ant1	10.62	1.07	11.69	30	Pass
NVNT	ac80	5775	Ant1	10.03	1.34	11.37	30	Pass
NVNT	n20	5745	Ant1	10.11	0.63	10.74	30	Pass
NVNT	n20	5785	Ant1	10.17	0.63	10.8	30	Pass
NVNT	n20	5825	Ant1	10.19	0.64	10.83	30	Pass
NVNT	n40	5755	Ant1	10.17	0.93	11.1	30	Pass
NVNT	n40	5795	Ant1	10.74	0.96	11.7	30	Pass

-6dB Bandwidth

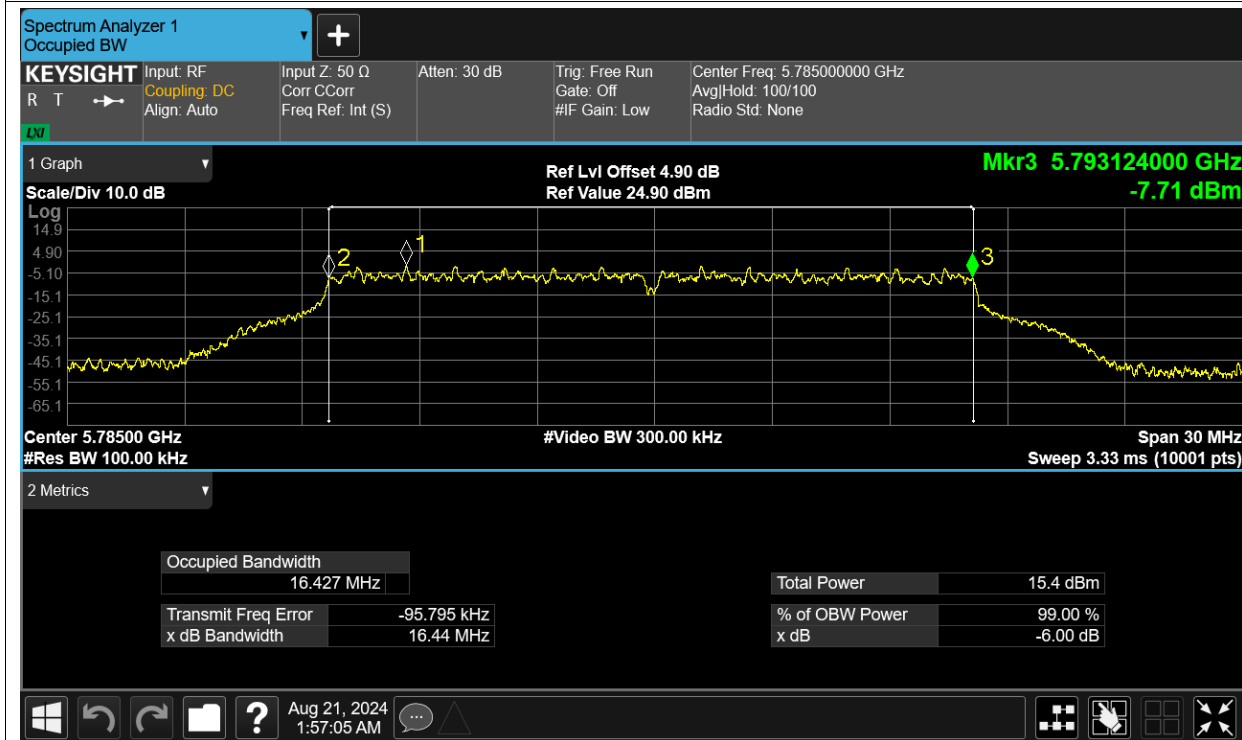
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.318	0.5	Pass
NVNT	a	5785	Ant1	16.439	0.5	Pass
NVNT	a	5825	Ant1	16.413	0.5	Pass
NVNT	ac20	5745	Ant1	17.68	0.5	Pass
NVNT	ac20	5785	Ant1	17.675	0.5	Pass
NVNT	ac20	5825	Ant1	17.652	0.5	Pass
NVNT	ac40	5755	Ant1	36.412	0.5	Pass
NVNT	ac40	5795	Ant1	36.396	0.5	Pass
NVNT	ac80	5775	Ant1	75.701	0.5	Pass
NVNT	n20	5745	Ant1	17.676	0.5	Pass
NVNT	n20	5785	Ant1	17.707	0.5	Pass
NVNT	n20	5825	Ant1	17.646	0.5	Pass
NVNT	n40	5755	Ant1	36.374	0.5	Pass
NVNT	n40	5795	Ant1	36.453	0.5	Pass

Test Graphs

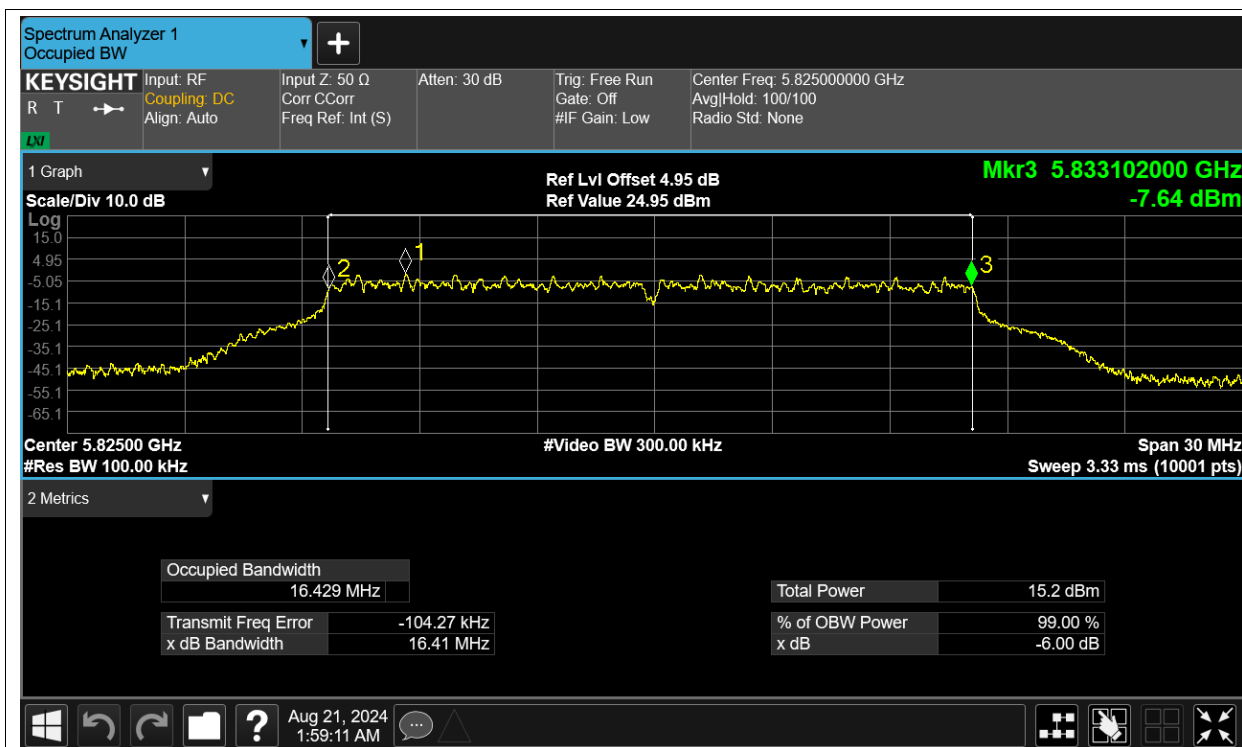
-6dB Bandwidth NVNT a 5745MHz Ant1



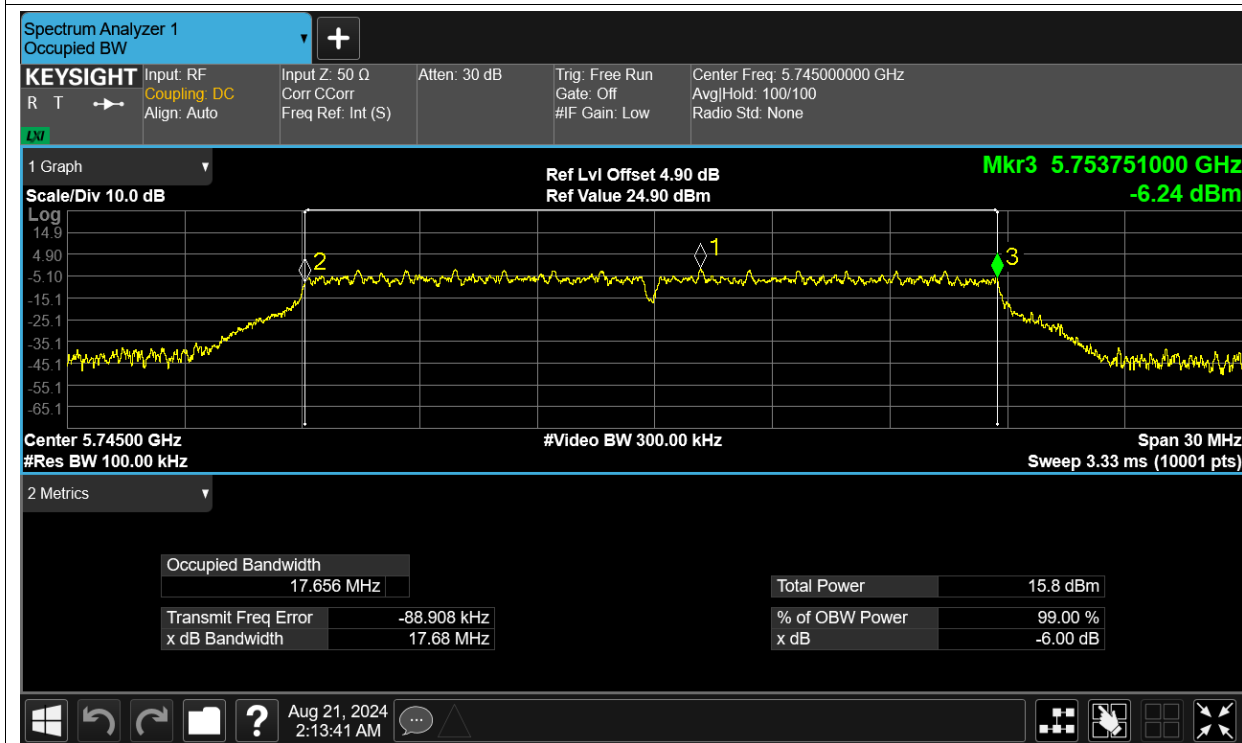
-6dB Bandwidth NVNT a 5785MHz Ant1



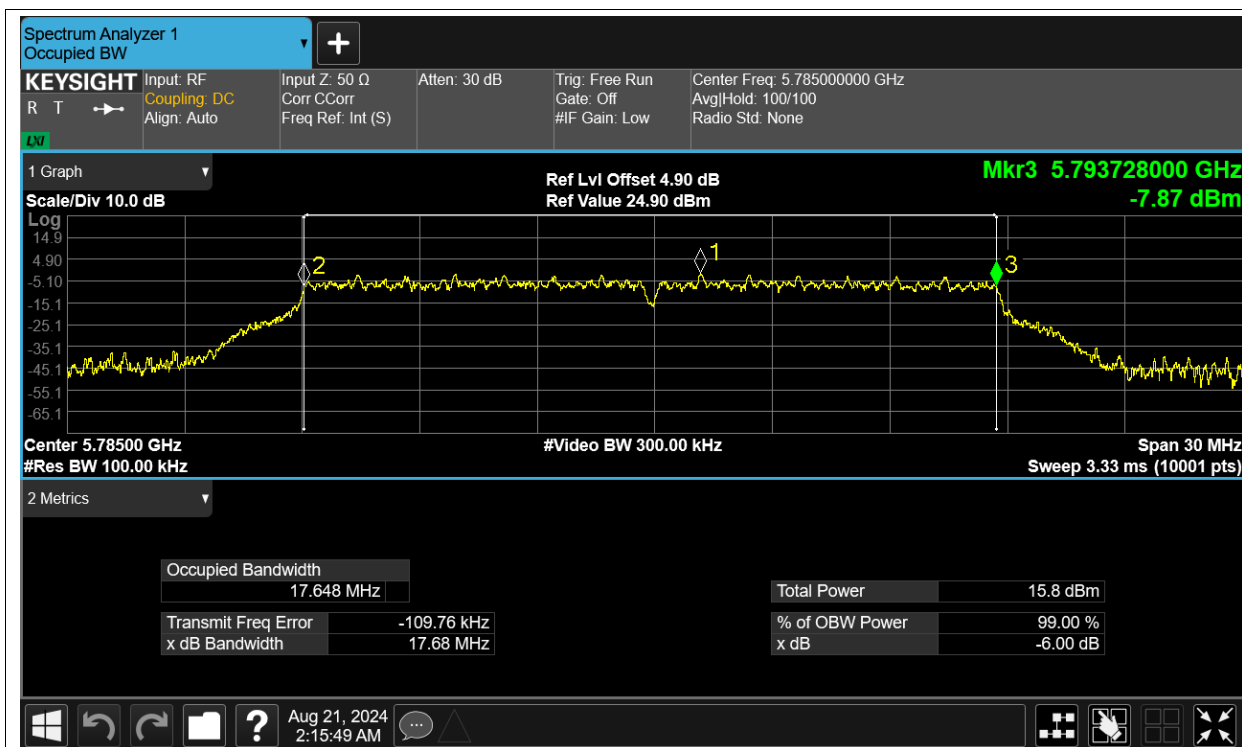
-6dB Bandwidth NVNT a 5825MHz Ant1



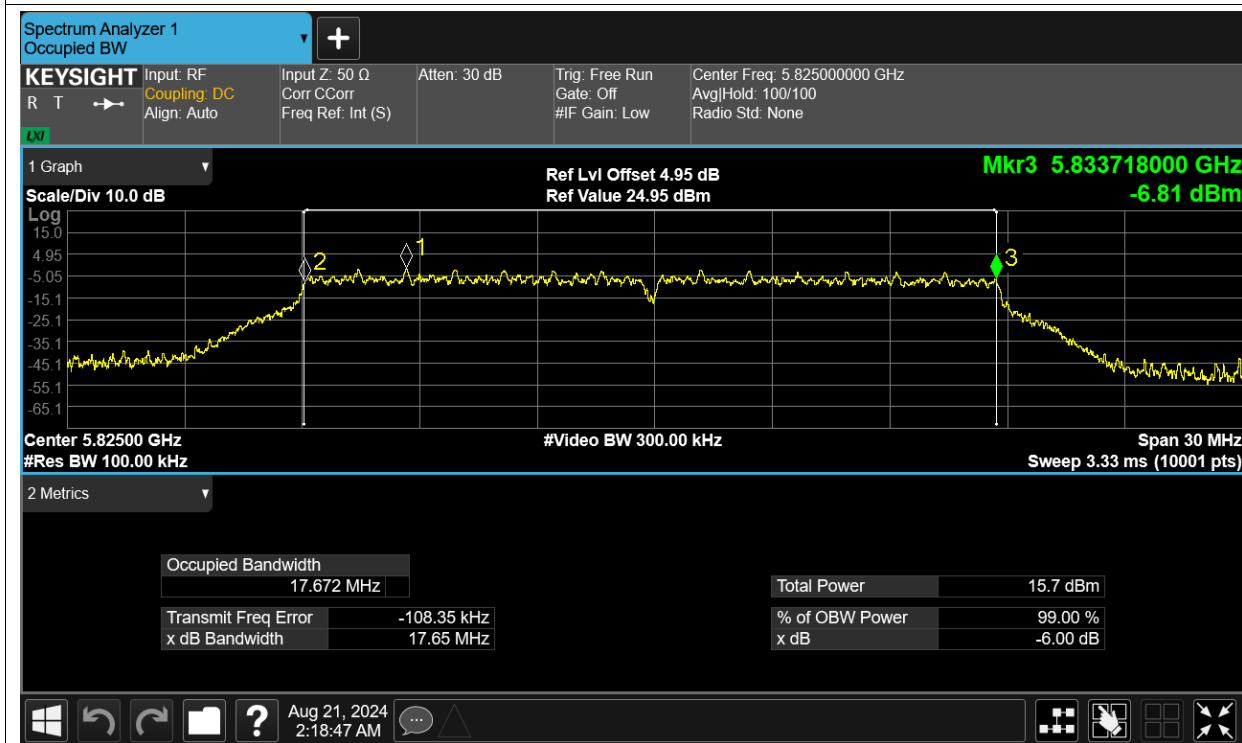
-6dB Bandwidth NVNT ac20 5745MHz Ant1



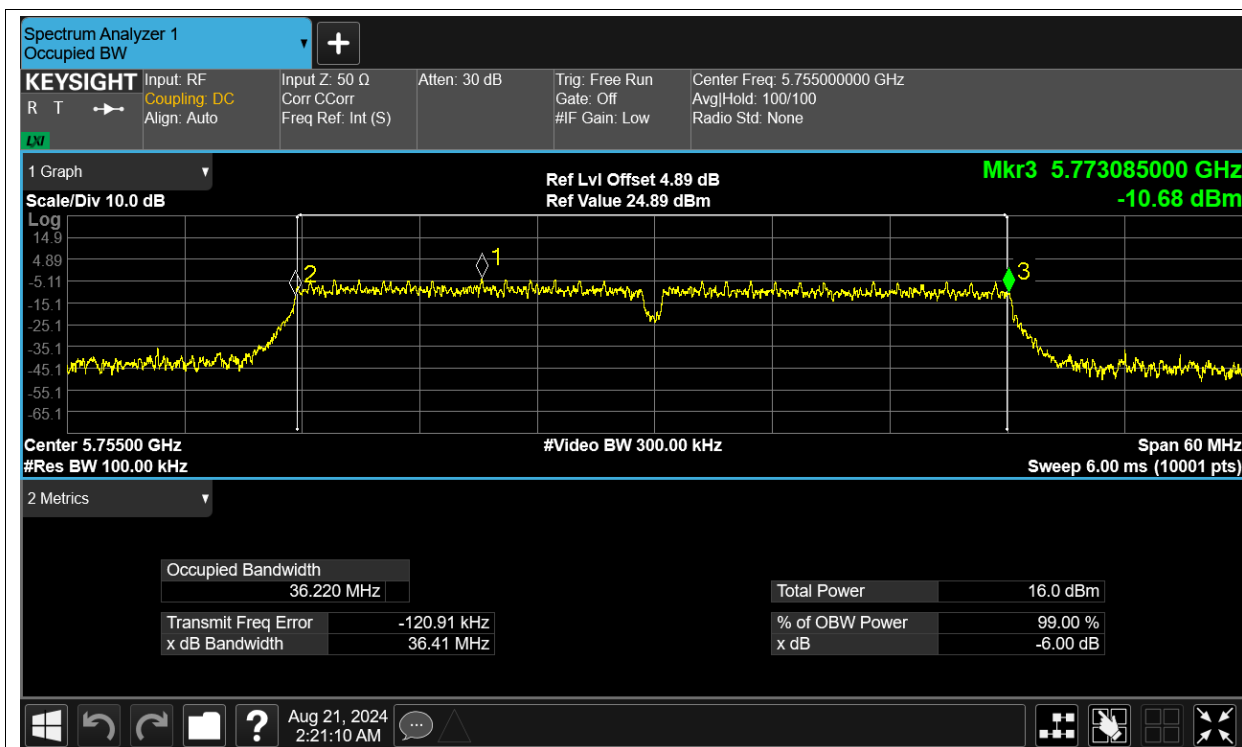
-6dB Bandwidth NVNT ac20 5785MHz Ant1



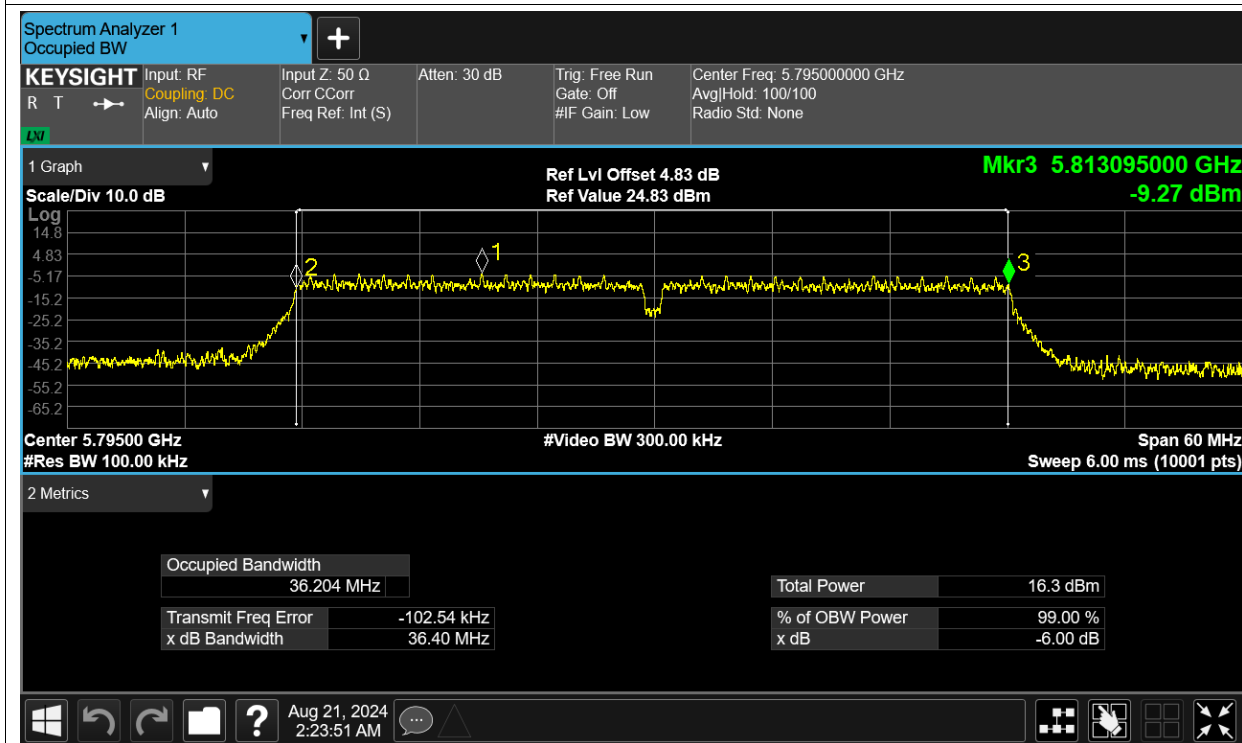
-6dB Bandwidth NVNT ac20 5825MHz Ant1



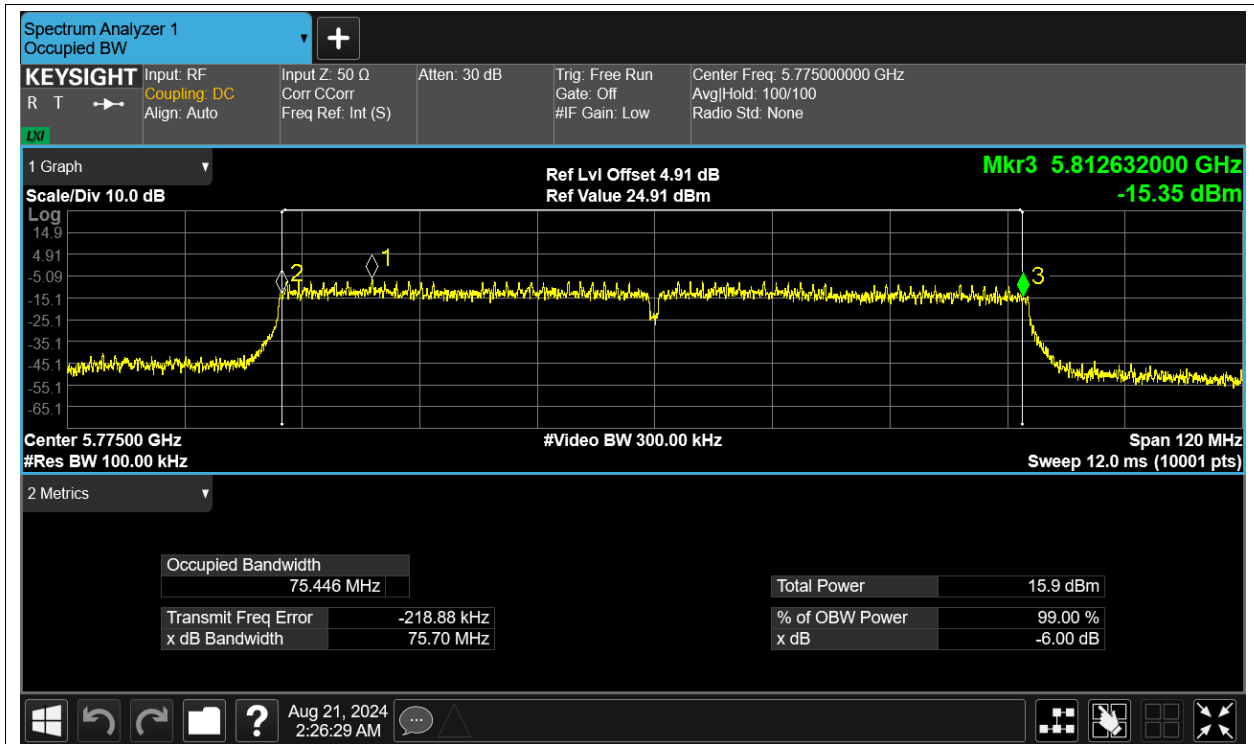
-6dB Bandwidth NVNT ac40 5755MHz Ant1



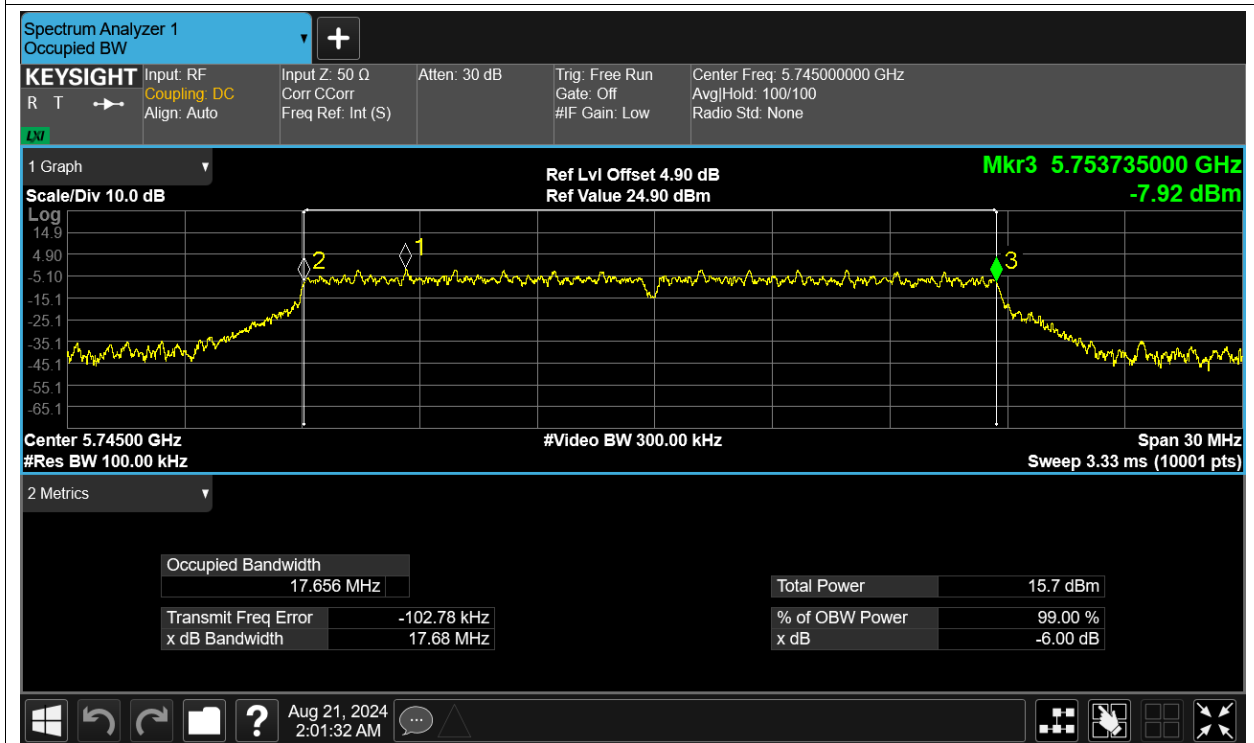
-6dB Bandwidth NVNT ac40 5795MHz Ant1



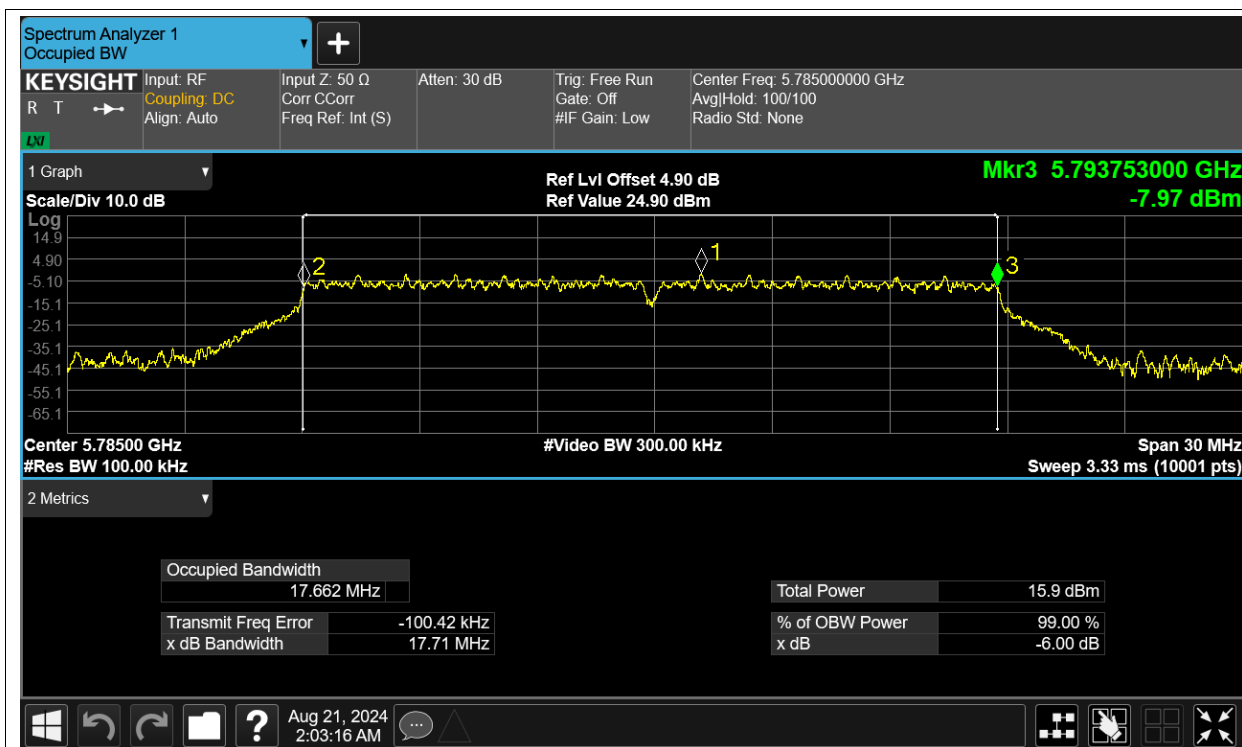
-6dB Bandwidth NVNT ac80 5775MHz Ant1



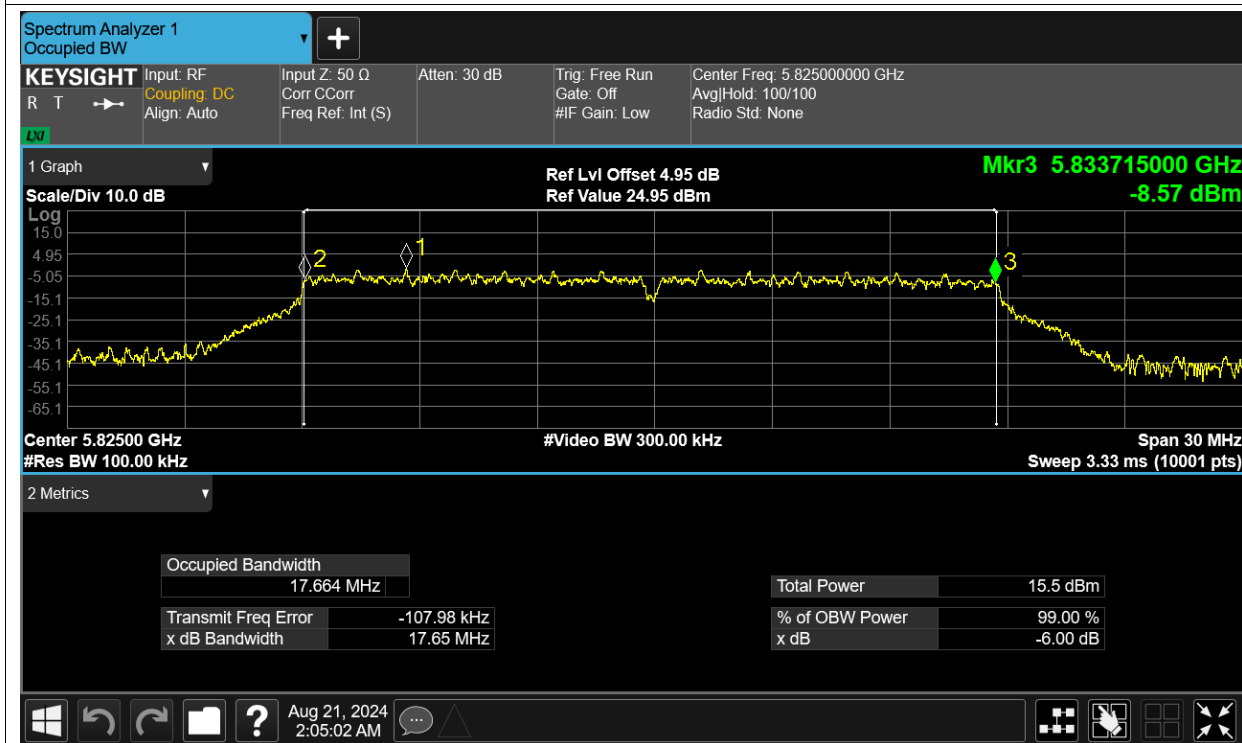
-6dB Bandwidth NVNT n20 5745MHz Ant1



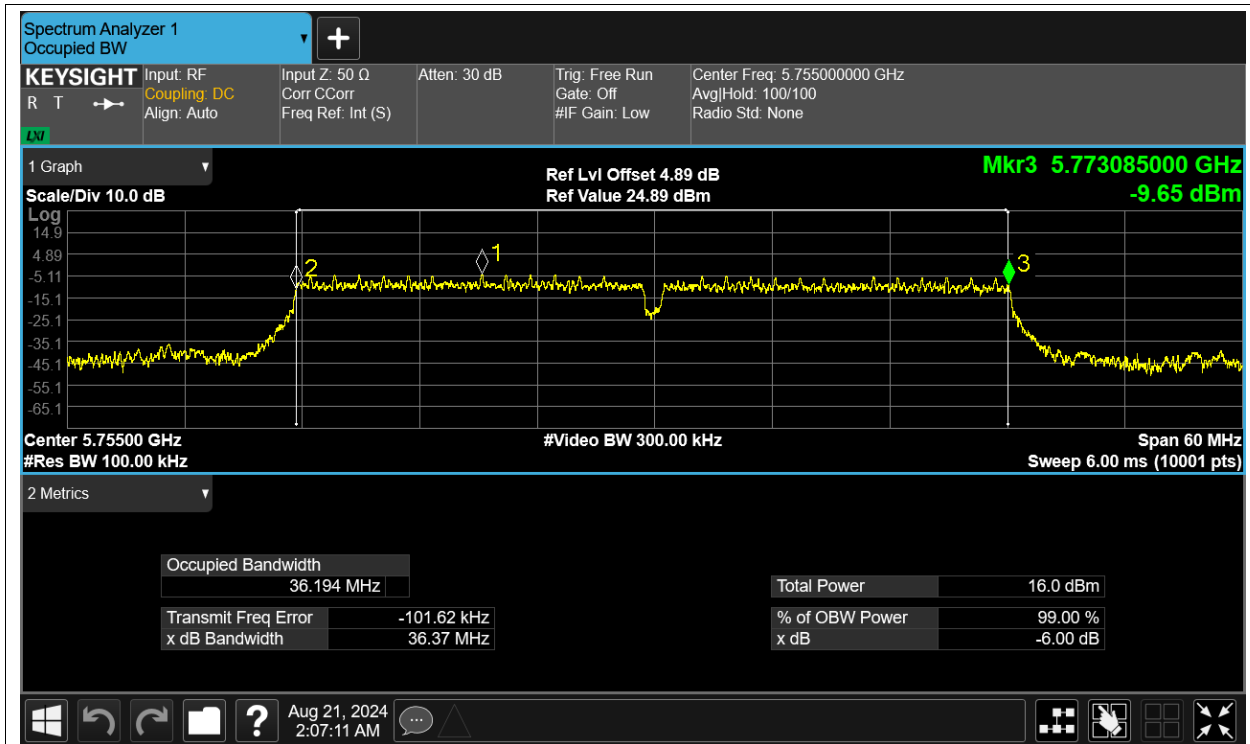
-6dB Bandwidth NVNT n20 5785MHz Ant1



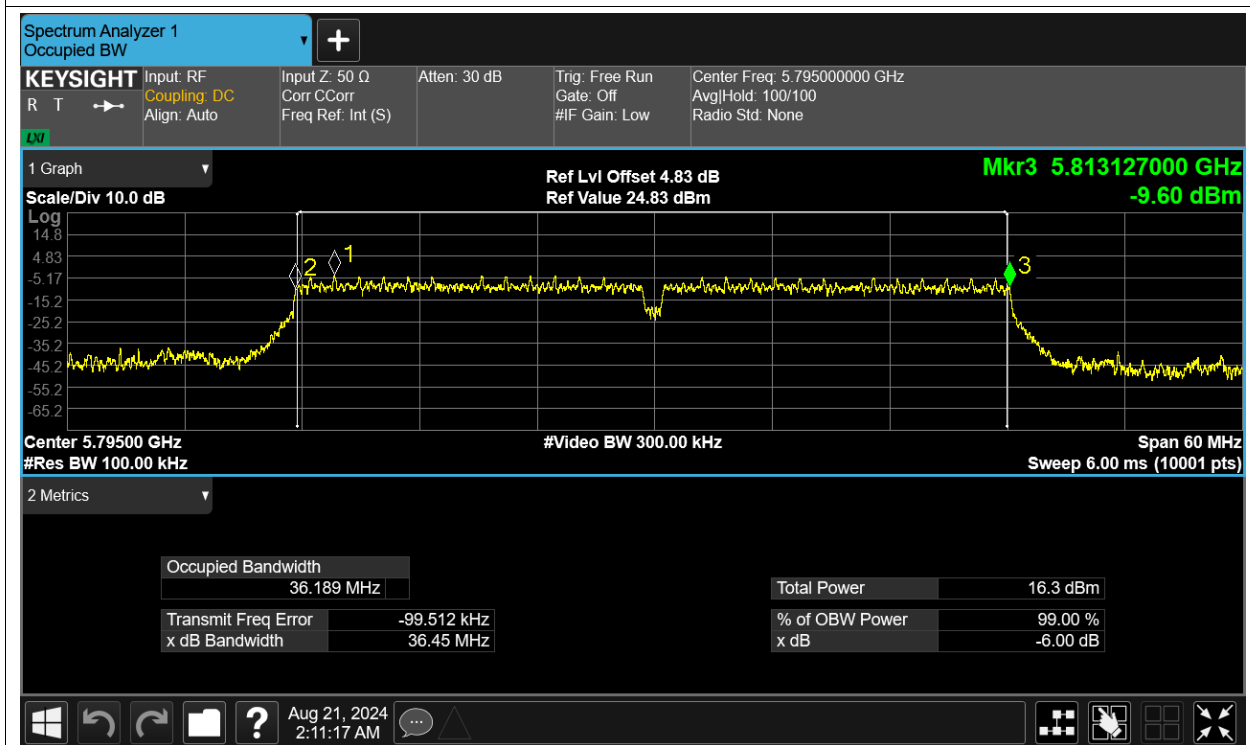
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

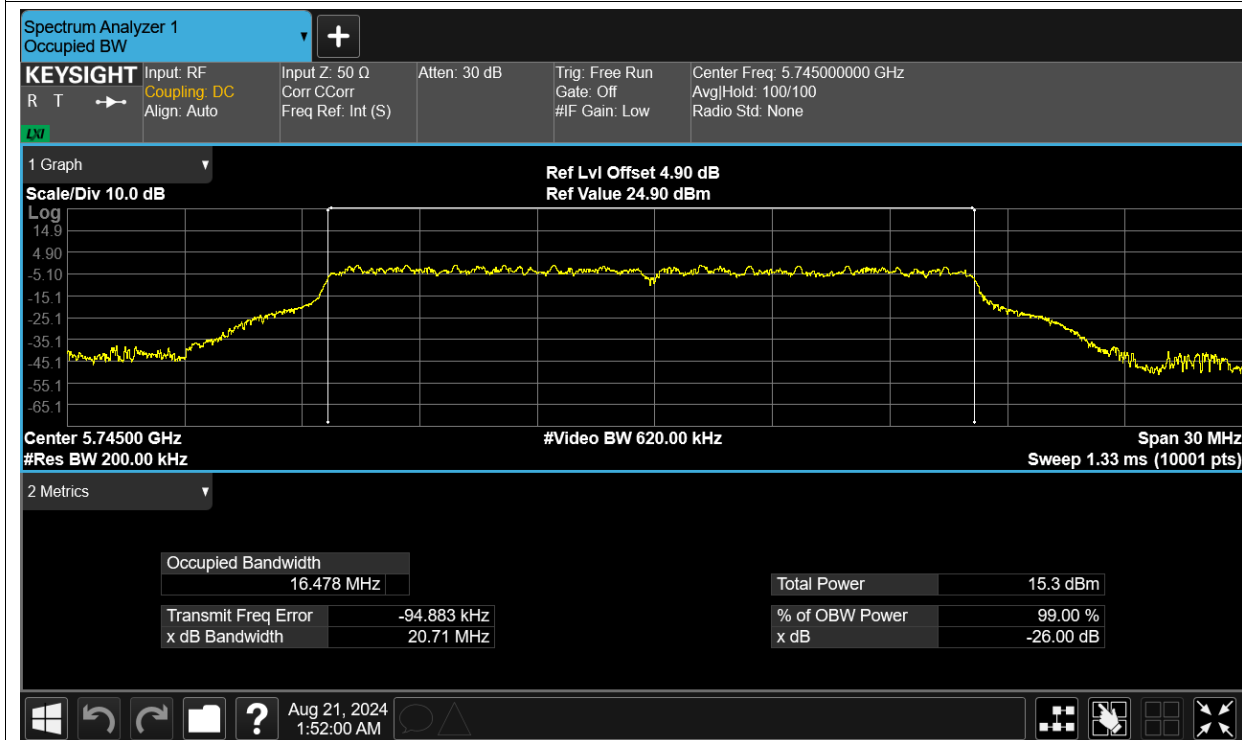


Occupied Channel Bandwidth

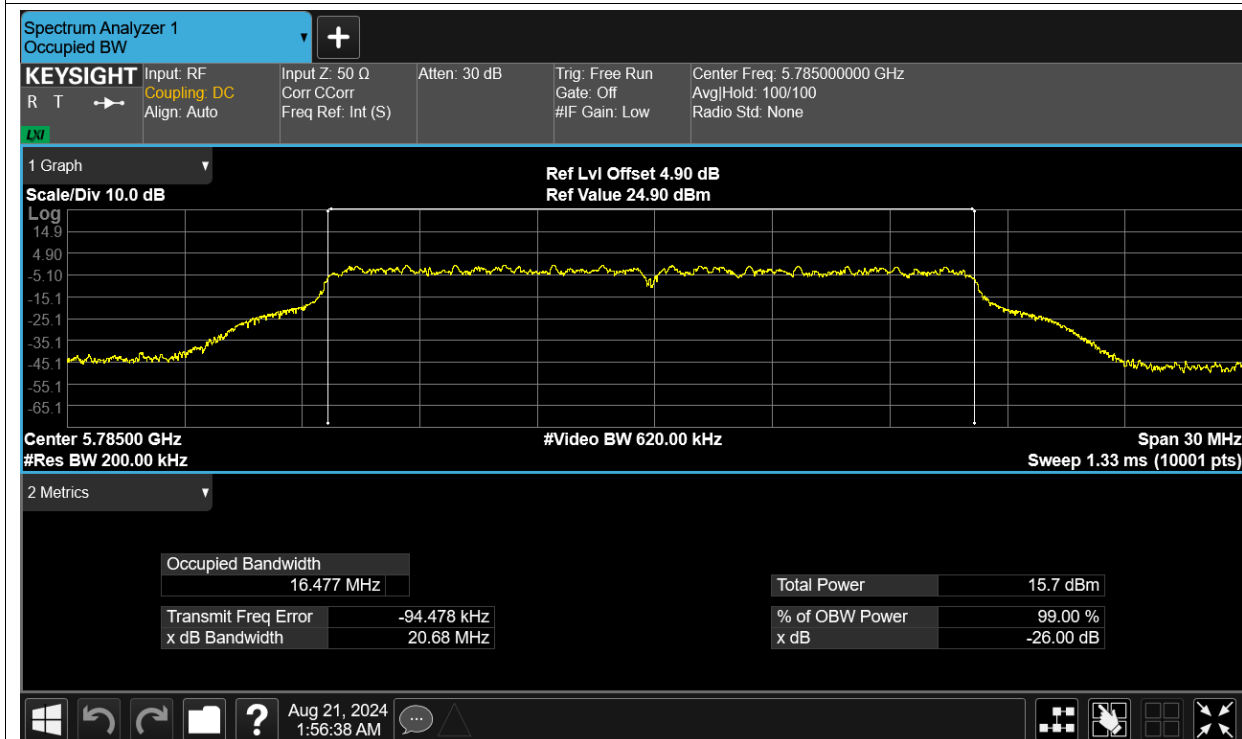
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.478
NVNT	a	5785	Ant1	16.477
NVNT	a	5825	Ant1	16.498
NVNT	ac20	5745	Ant1	17.776
NVNT	ac20	5785	Ant1	17.77
NVNT	ac20	5825	Ant1	17.789
NVNT	ac40	5755	Ant1	36.448
NVNT	ac40	5795	Ant1	36.476
NVNT	ac80	5775	Ant1	75.79
NVNT	n20	5745	Ant1	17.729
NVNT	n20	5785	Ant1	17.741
NVNT	n20	5825	Ant1	17.778
NVNT	n40	5755	Ant1	36.32
NVNT	n40	5795	Ant1	36.289

Test Graphs

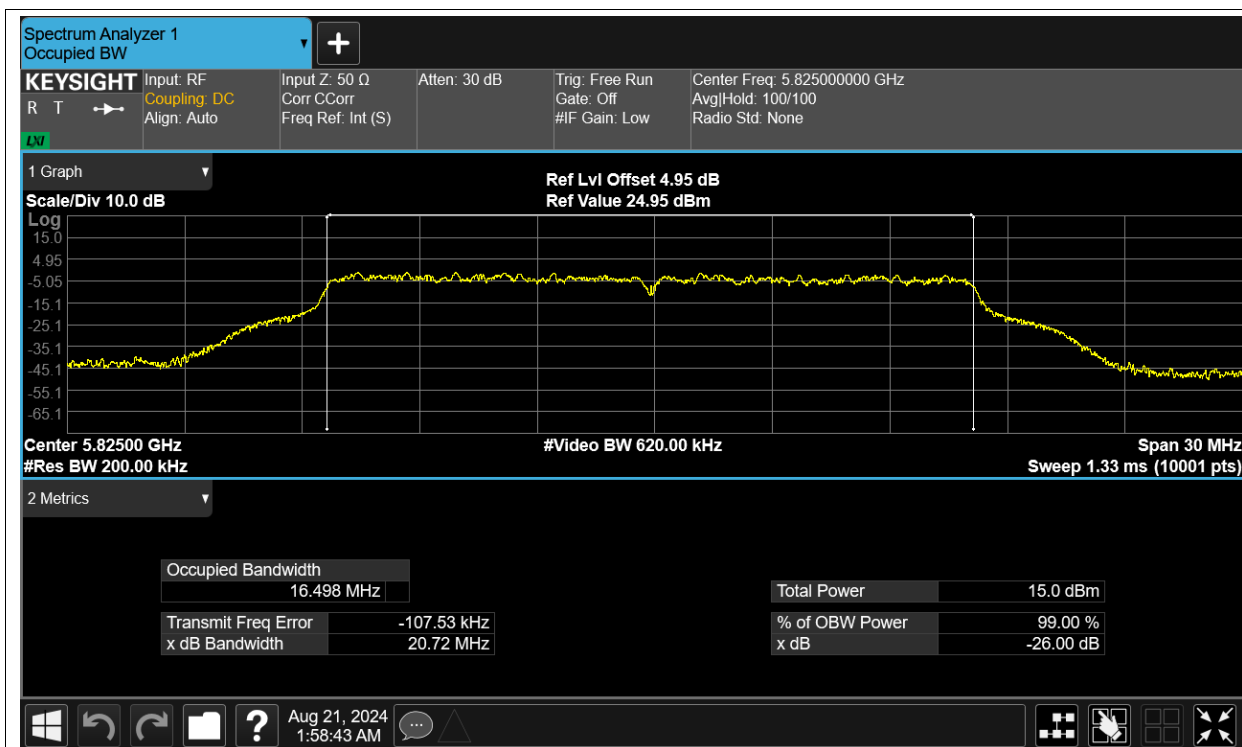
OBW NVNT a 5745MHz Ant1



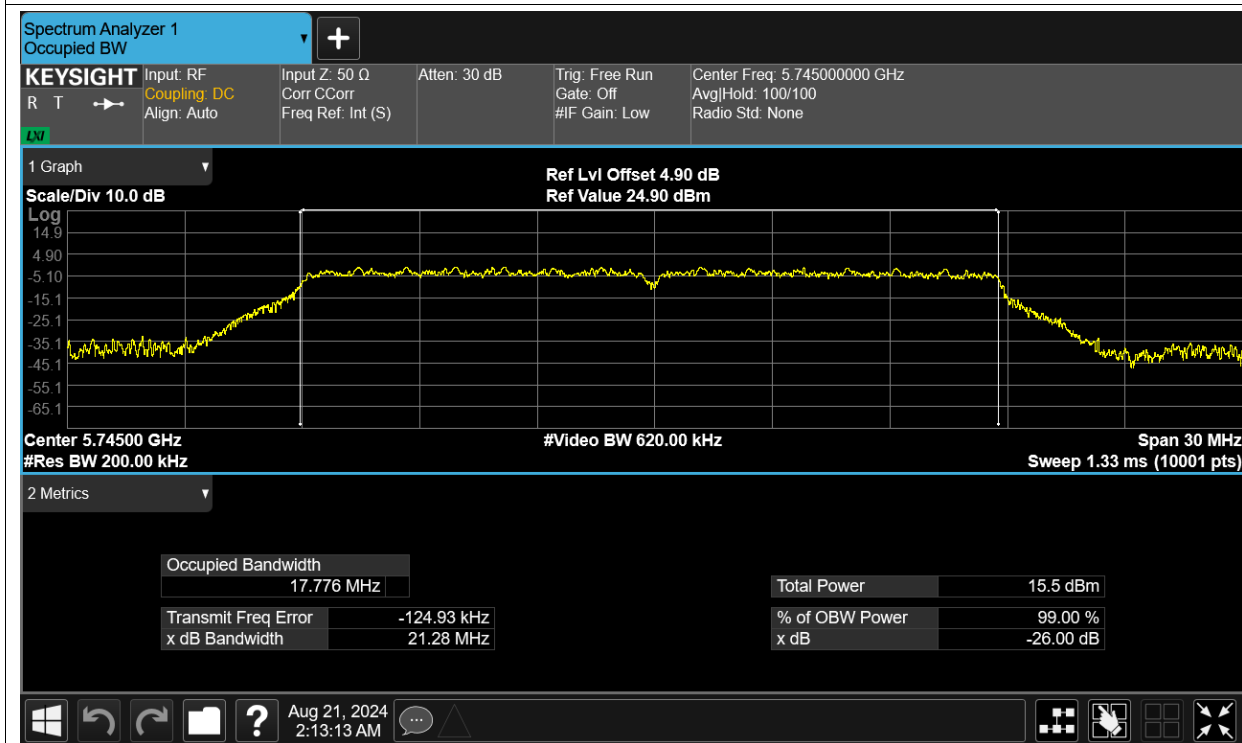
OBW NVNT a 5785MHz Ant1



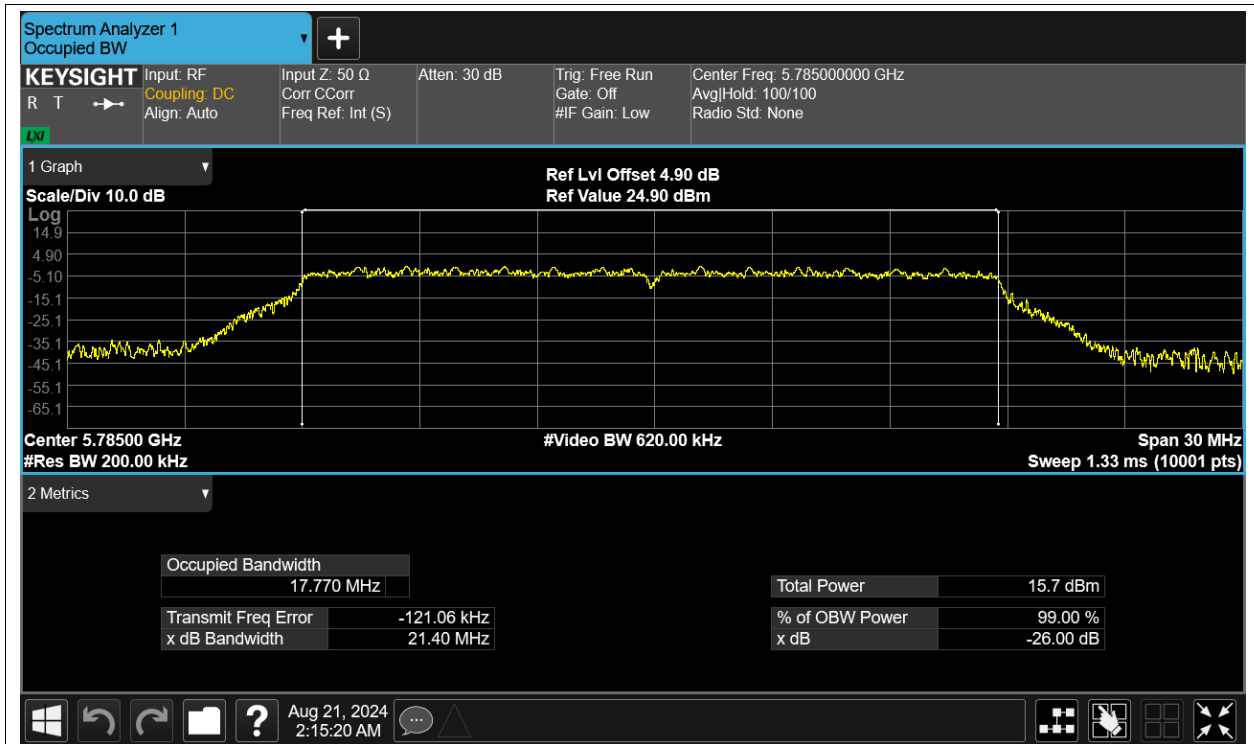
OBW NVNT a 5825MHz Ant1



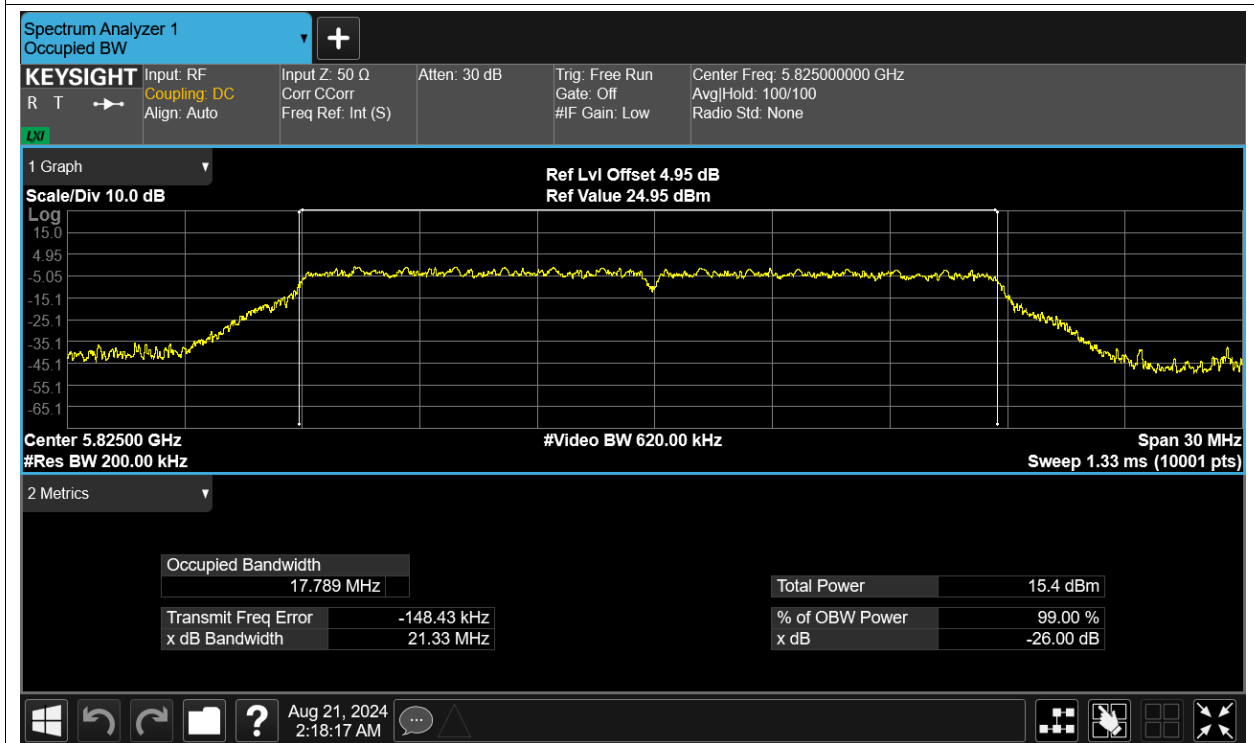
OBW NVNT ac20 5745MHz Ant1



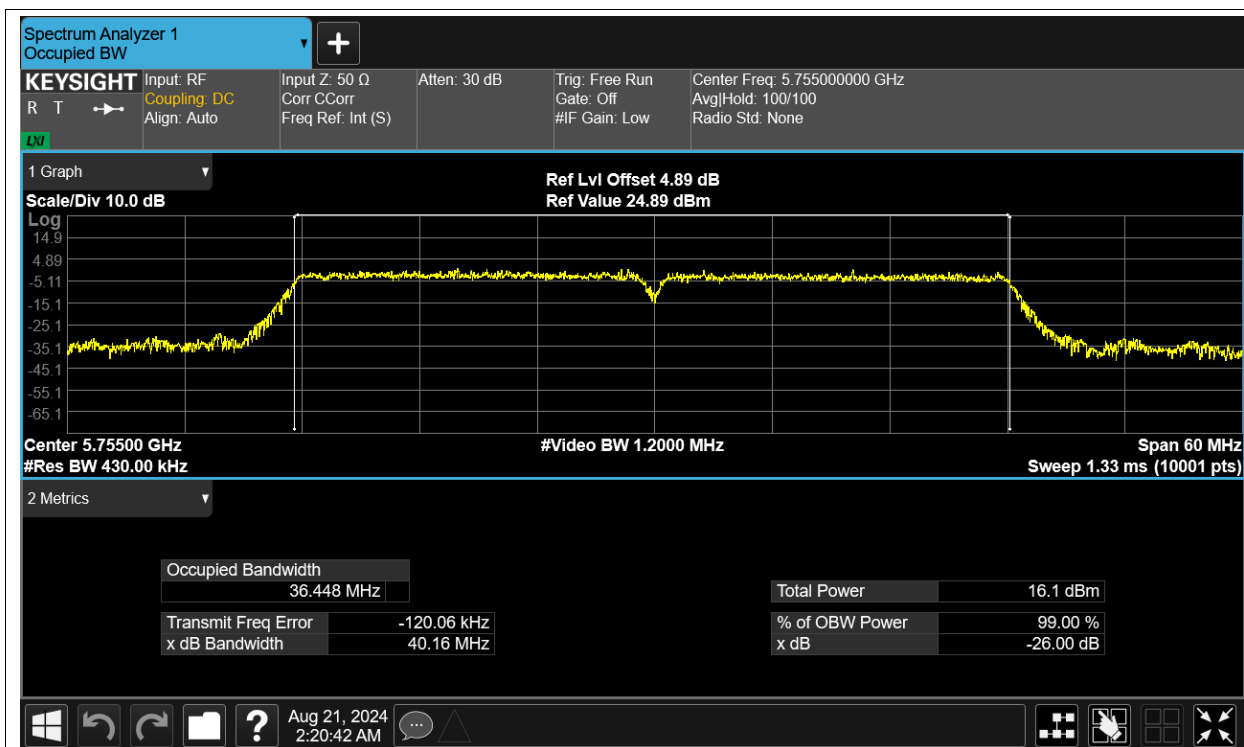
OBW NVNT ac20 5785MHz Ant1



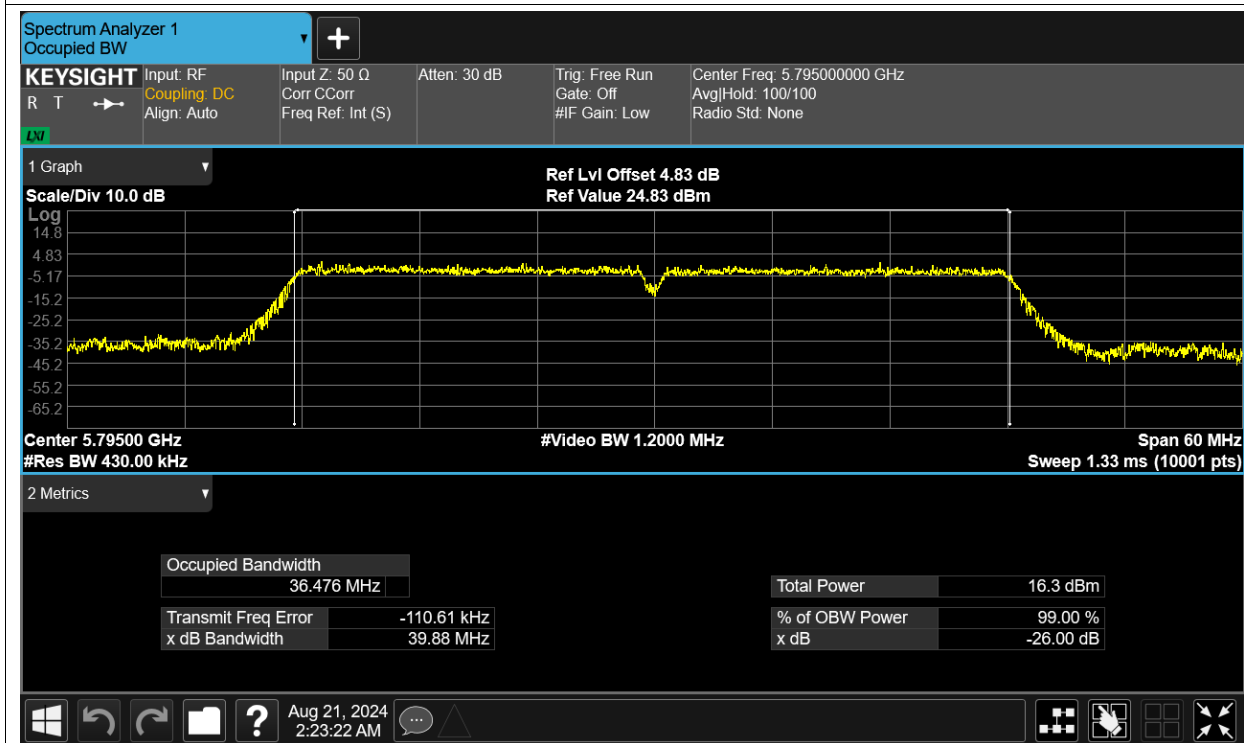
OBW NVNT ac20 5825MHz Ant1



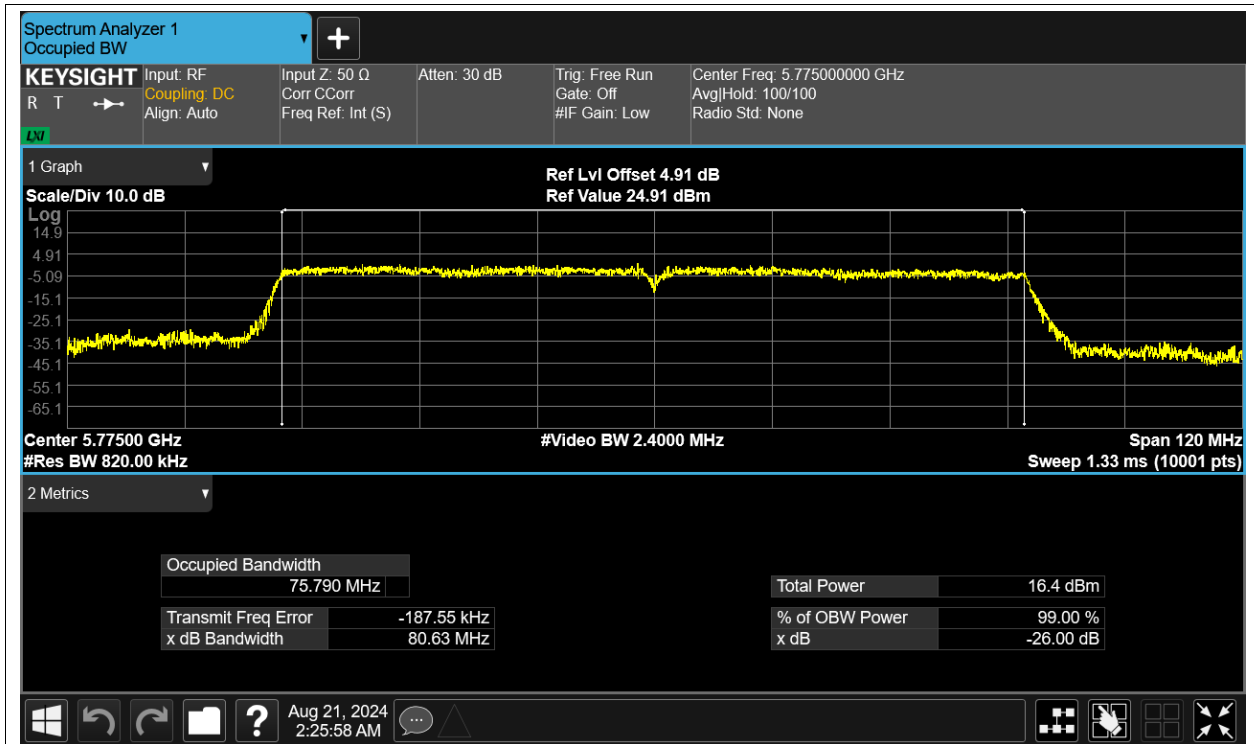
OBW NVNT ac40 5755MHz Ant1



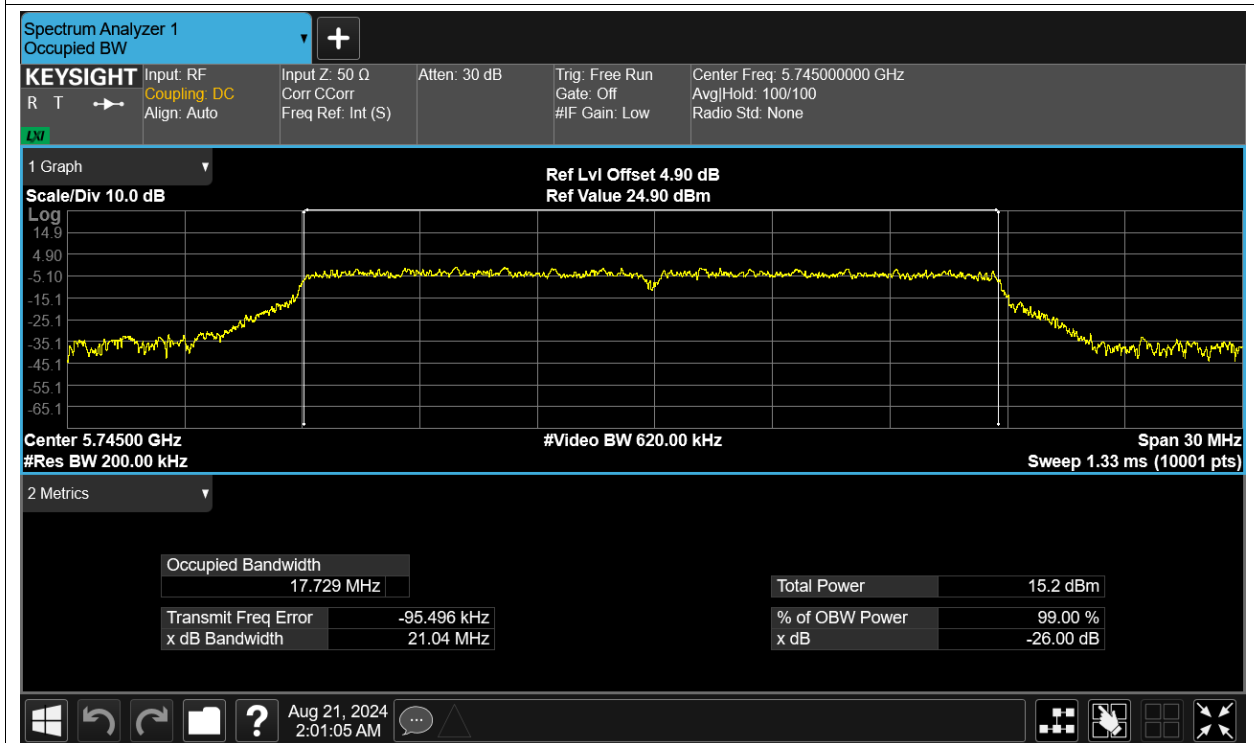
OBW NVNT ac40 5795MHz Ant1



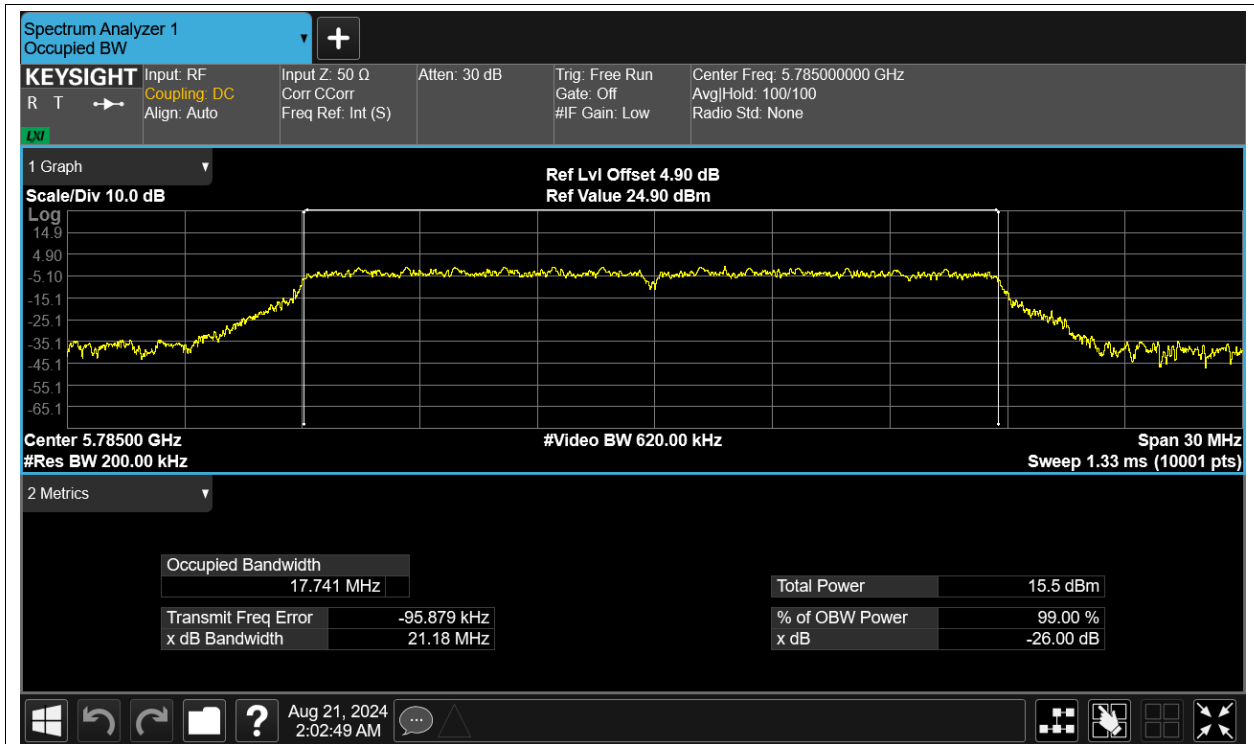
OBW NVNT ac80 5775MHz Ant1



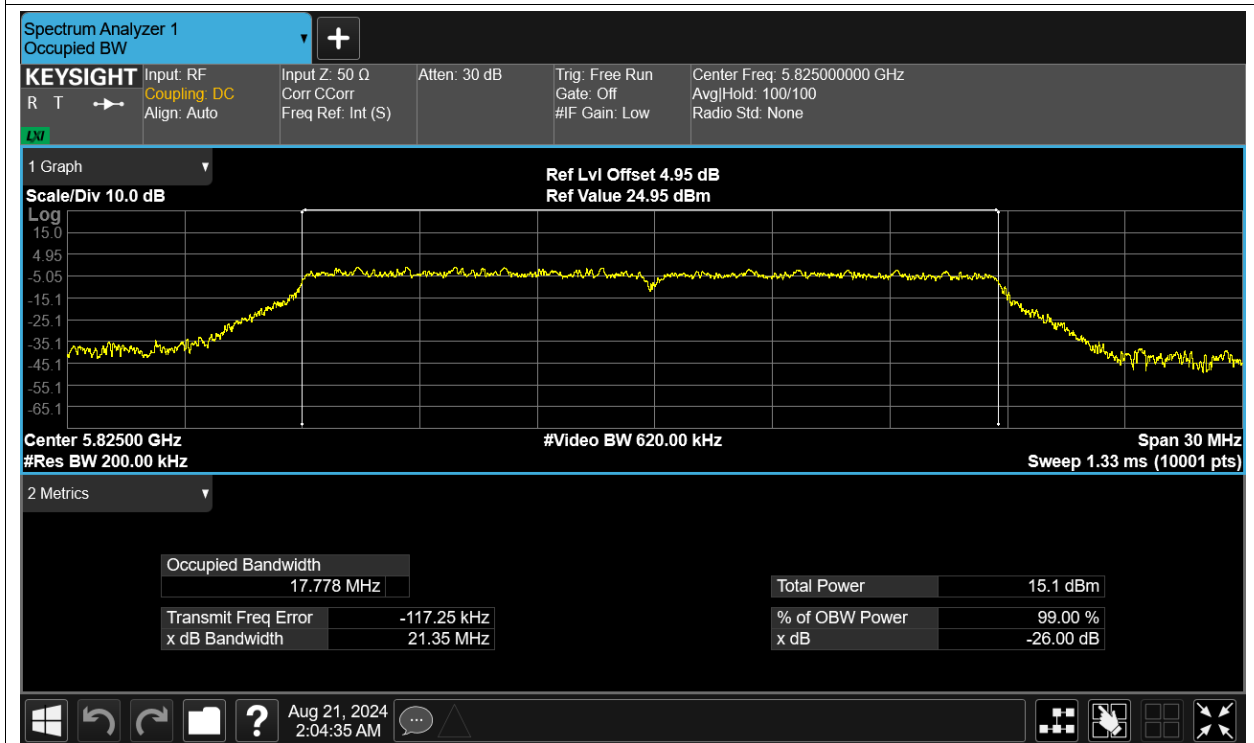
OBW NVNT n20 5745MHz Ant1



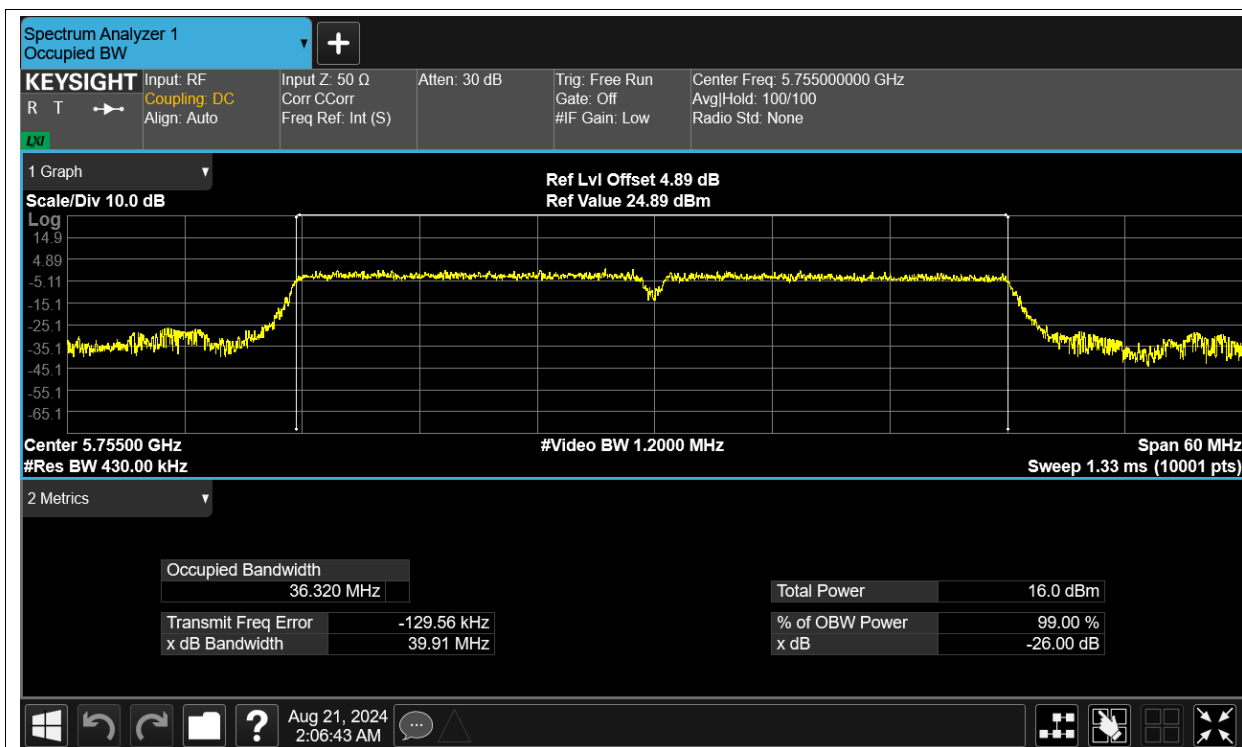
OBW NVNT n20 5785MHz Ant1



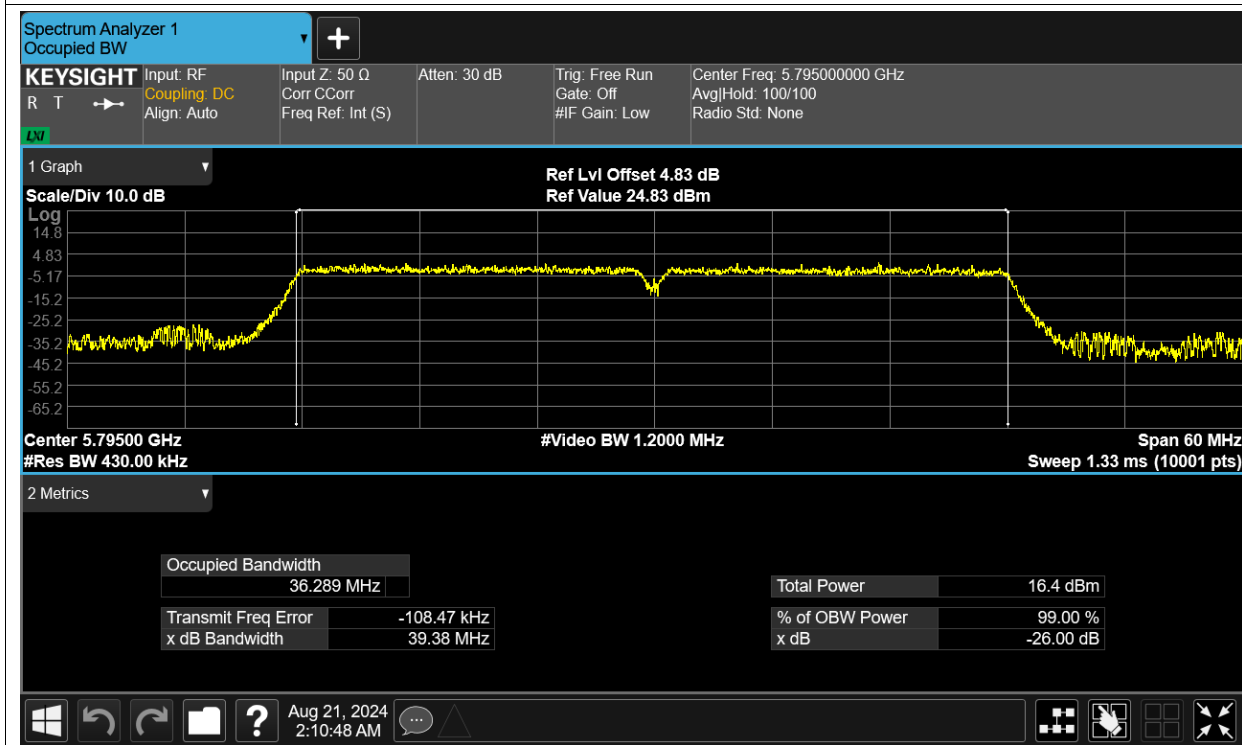
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

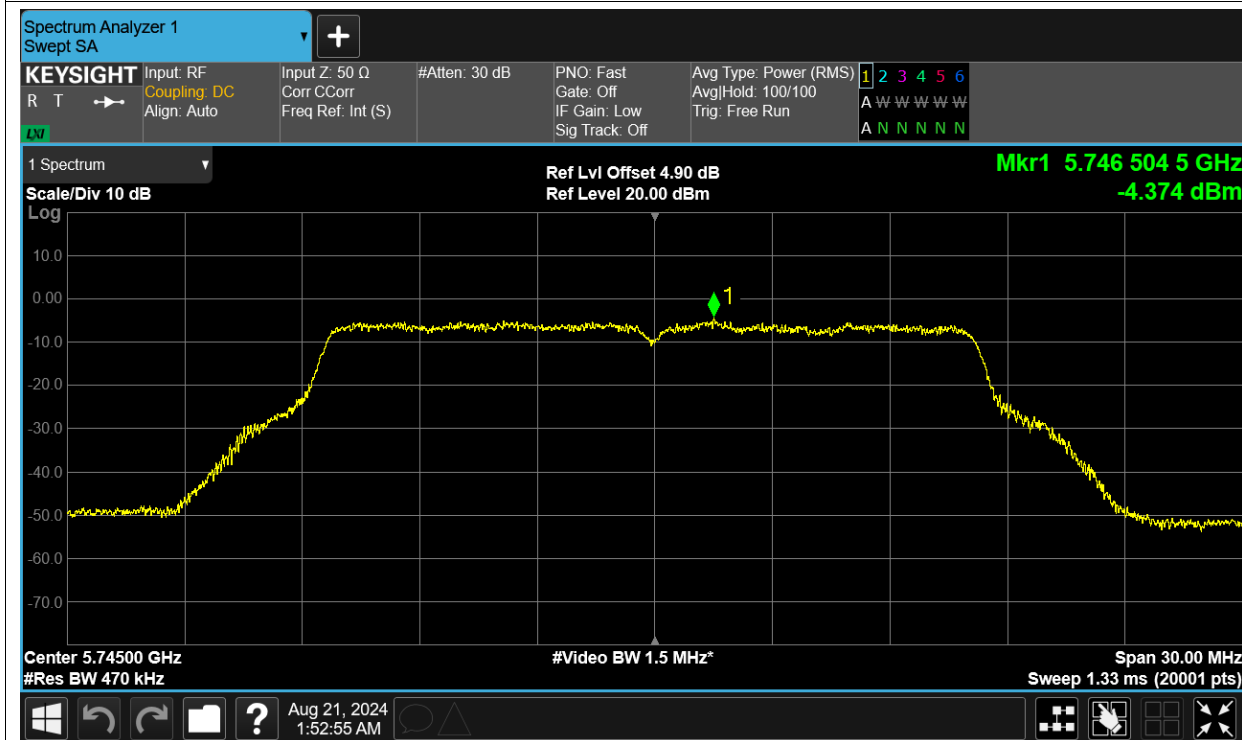


Maximum Power Spectral Density Level

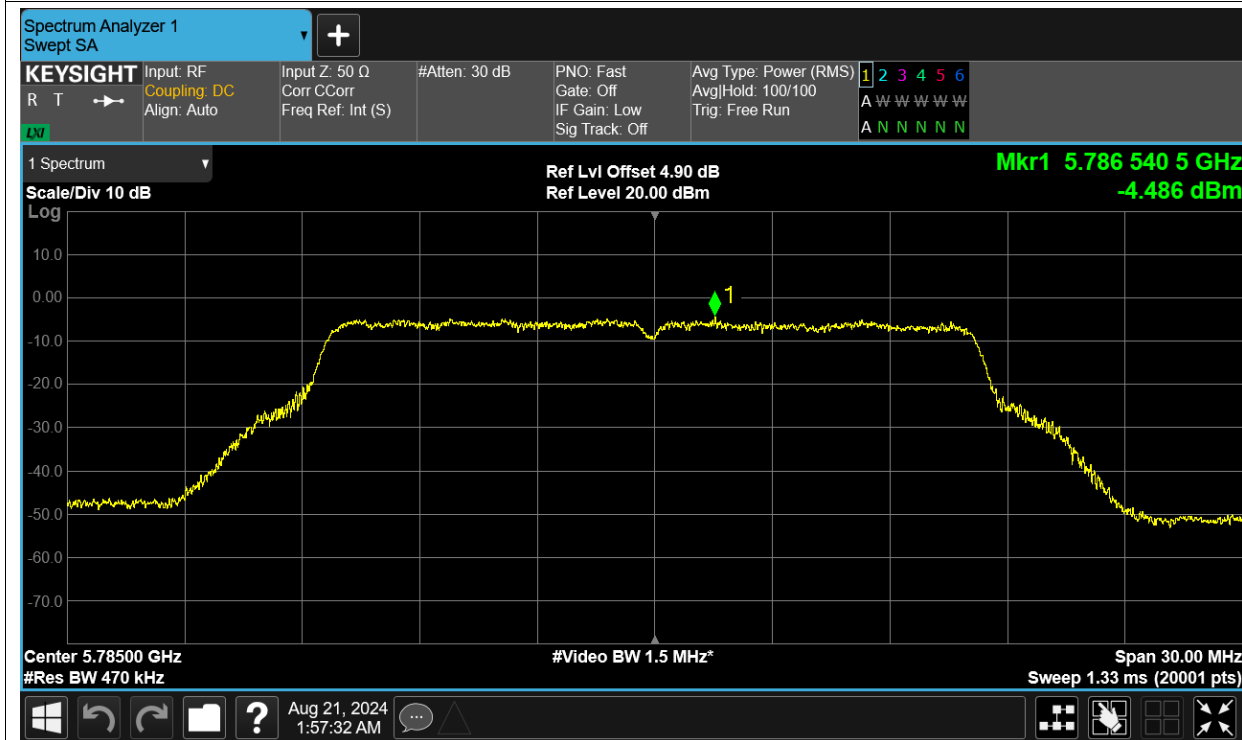
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.374	30	Pass
NVNT	a	5785	Ant1	-4.486	30	Pass
NVNT	a	5825	Ant1	-4.994	30	Pass
NVNT	ac20	5745	Ant1	-5.021	30	Pass
NVNT	ac20	5785	Ant1	-4.695	30	Pass
NVNT	ac20	5825	Ant1	-5.153	30	Pass
NVNT	ac40	5755	Ant1	-7.353	30	Pass
NVNT	ac40	5795	Ant1	-7.249	30	Pass
NVNT	ac80	5775	Ant1	-10.208	30	Pass
NVNT	n20	5745	Ant1	-5.232	30	Pass
NVNT	n20	5785	Ant1	-5.219	30	Pass
NVNT	n20	5825	Ant1	-5.527	30	Pass
NVNT	n40	5755	Ant1	-7.544	30	Pass
NVNT	n40	5795	Ant1	-6.86	30	Pass

Test Graphs

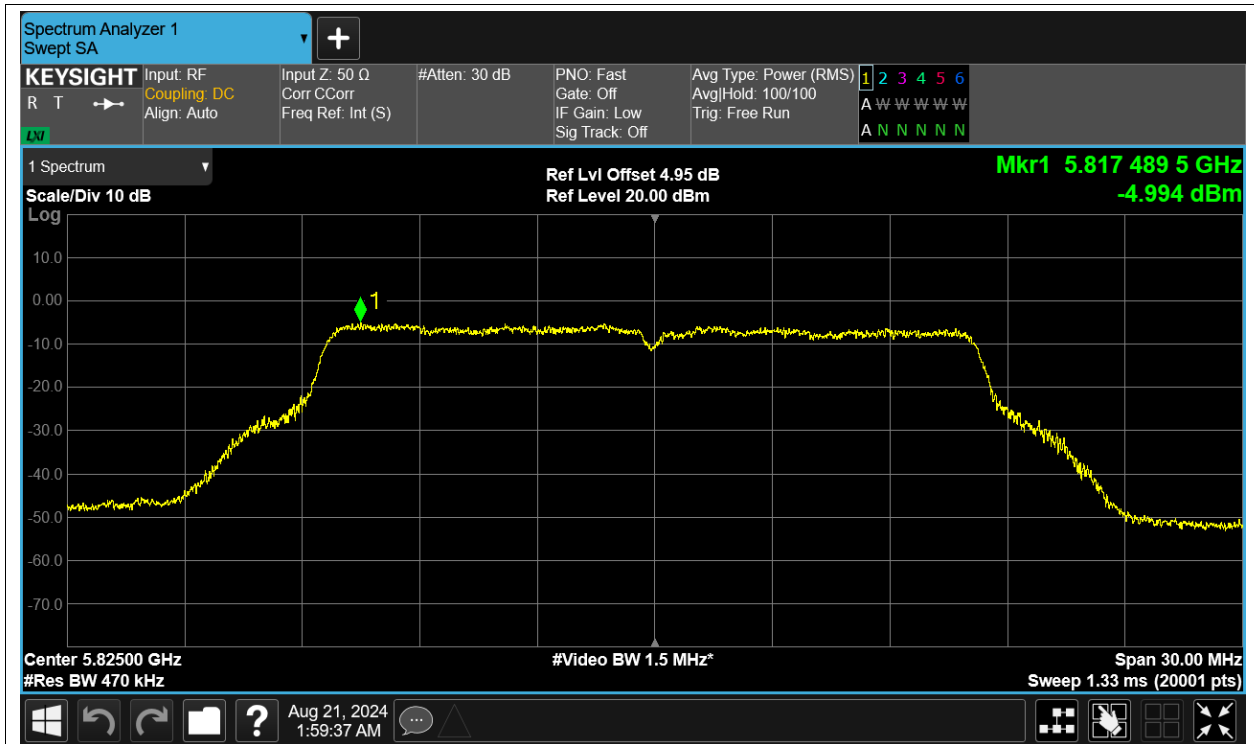
PSD NVNT a 5745MHz Ant1



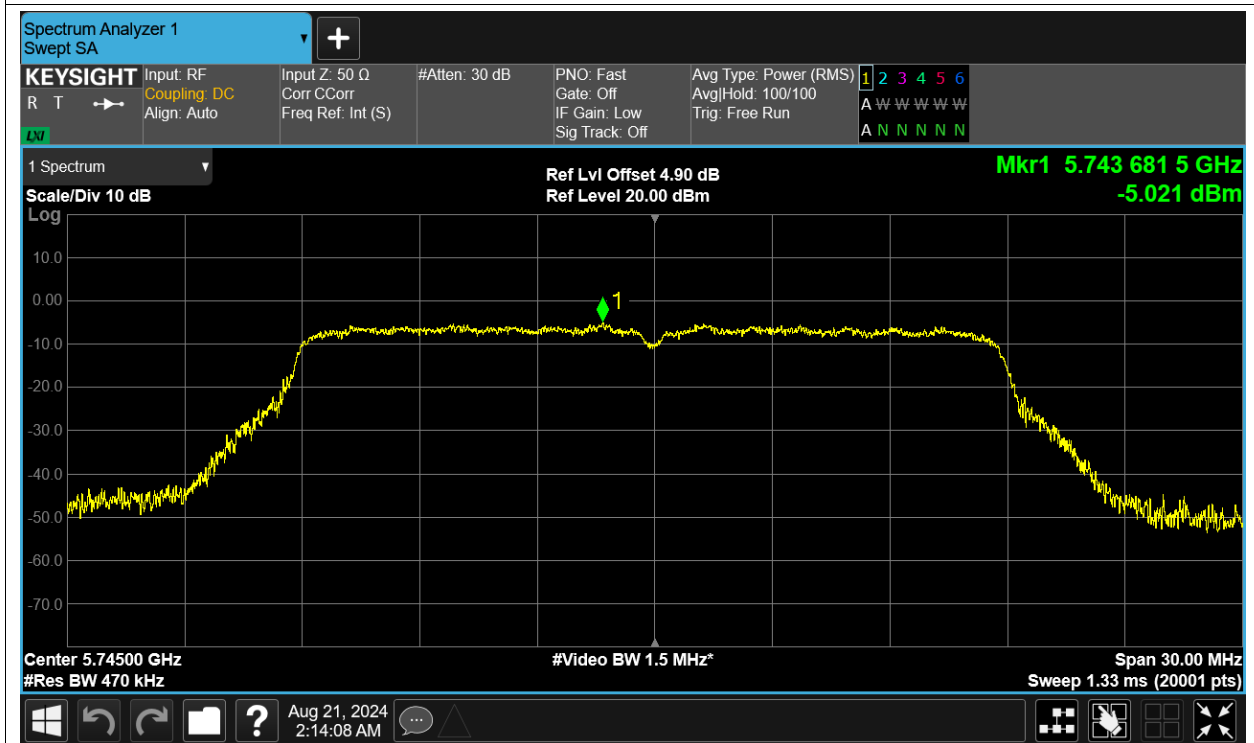
PSD NVNT a 5785MHz Ant1



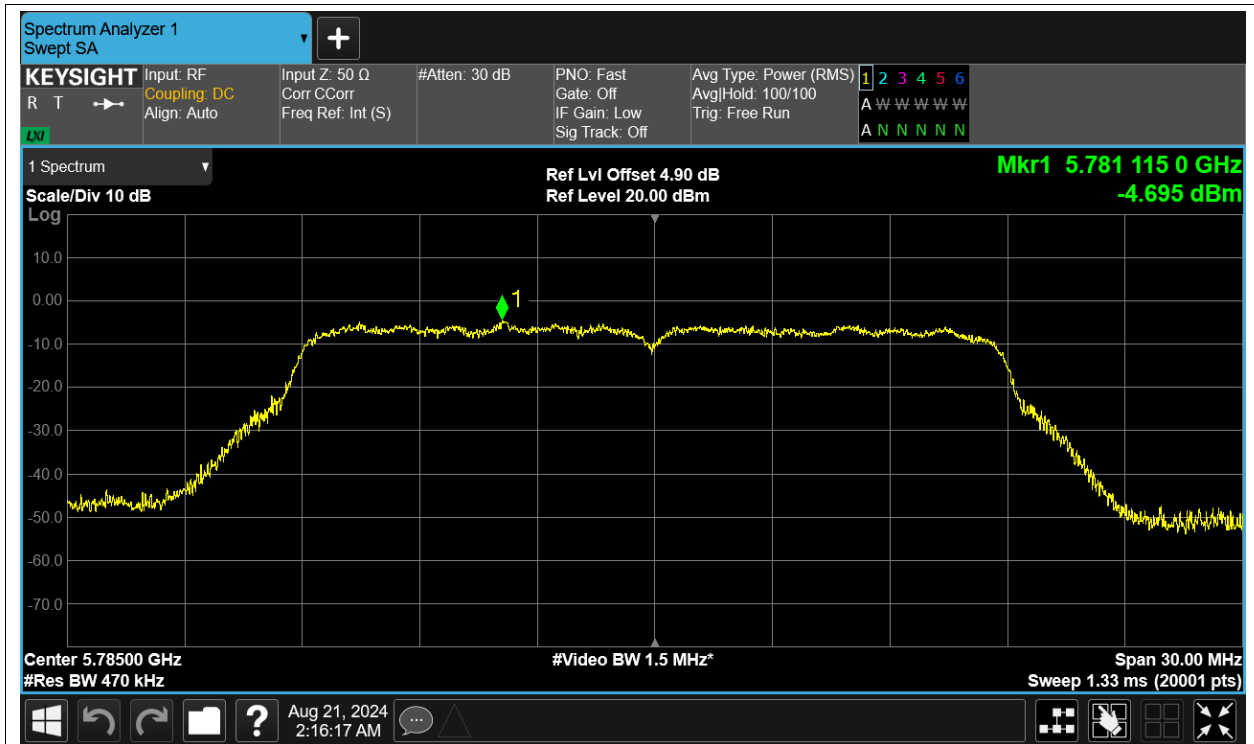
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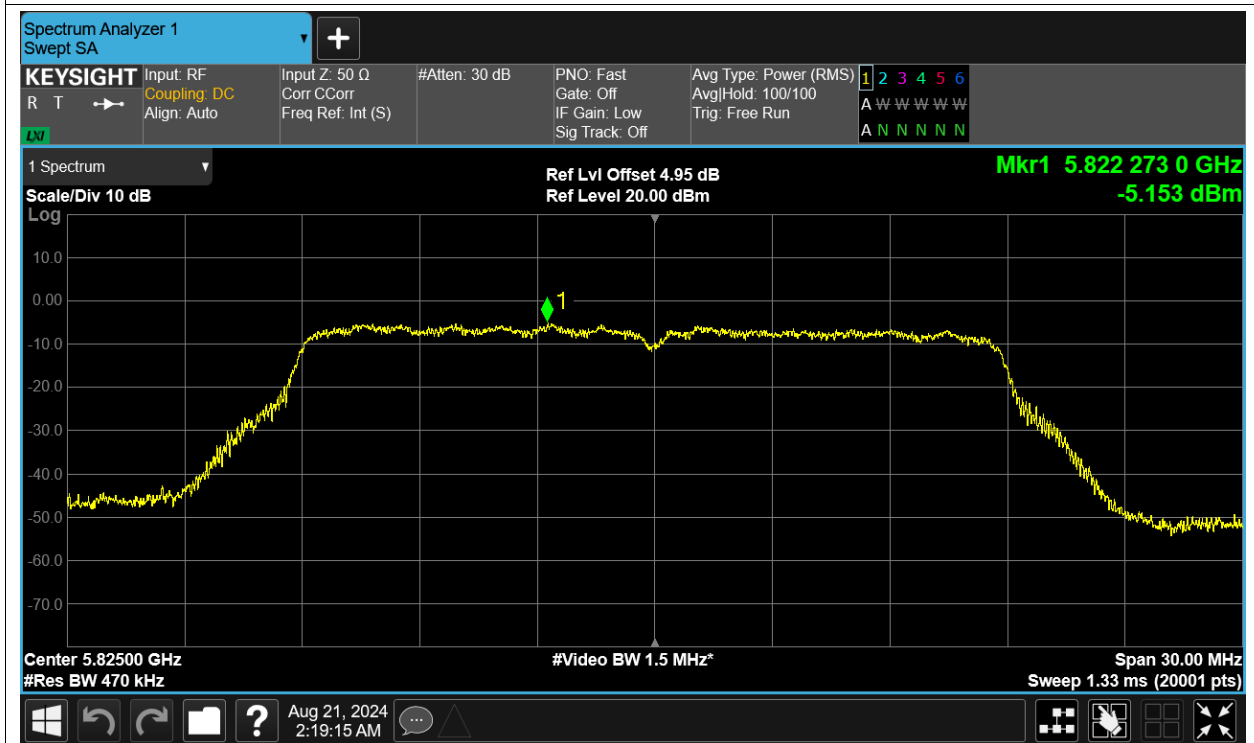
PSD NVNT ac20 5745MHz Ant1



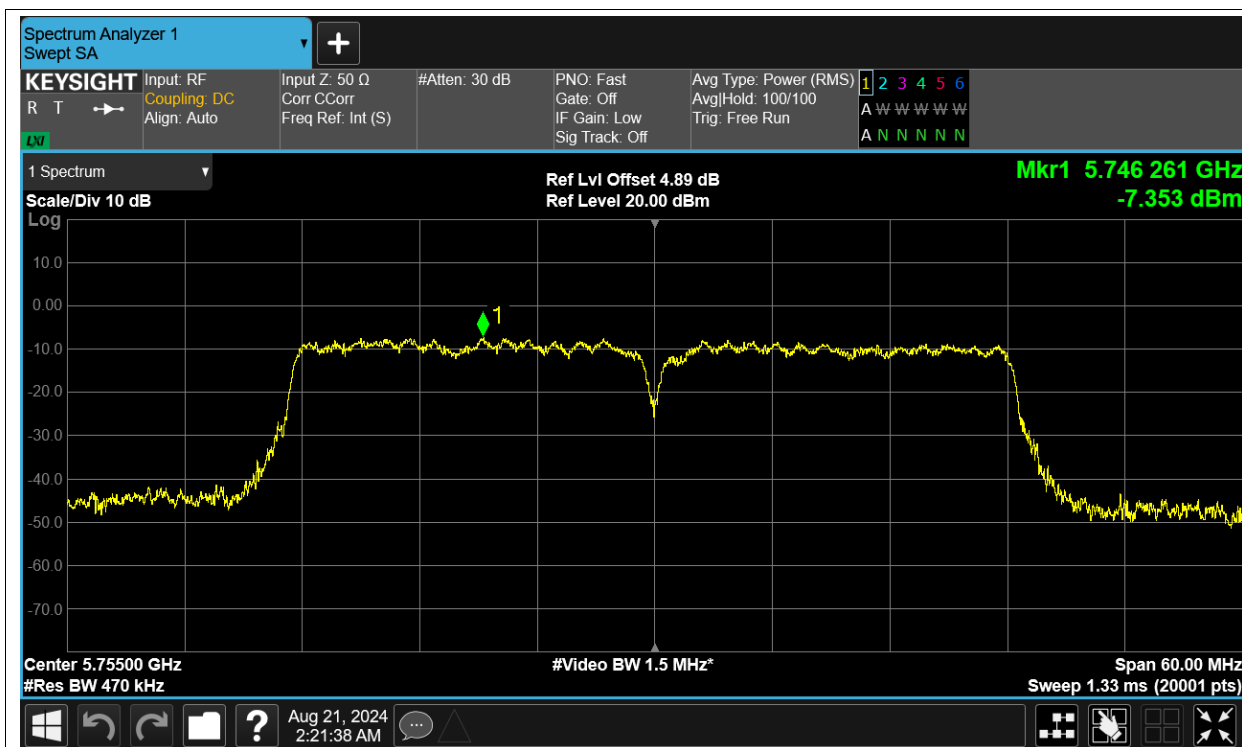
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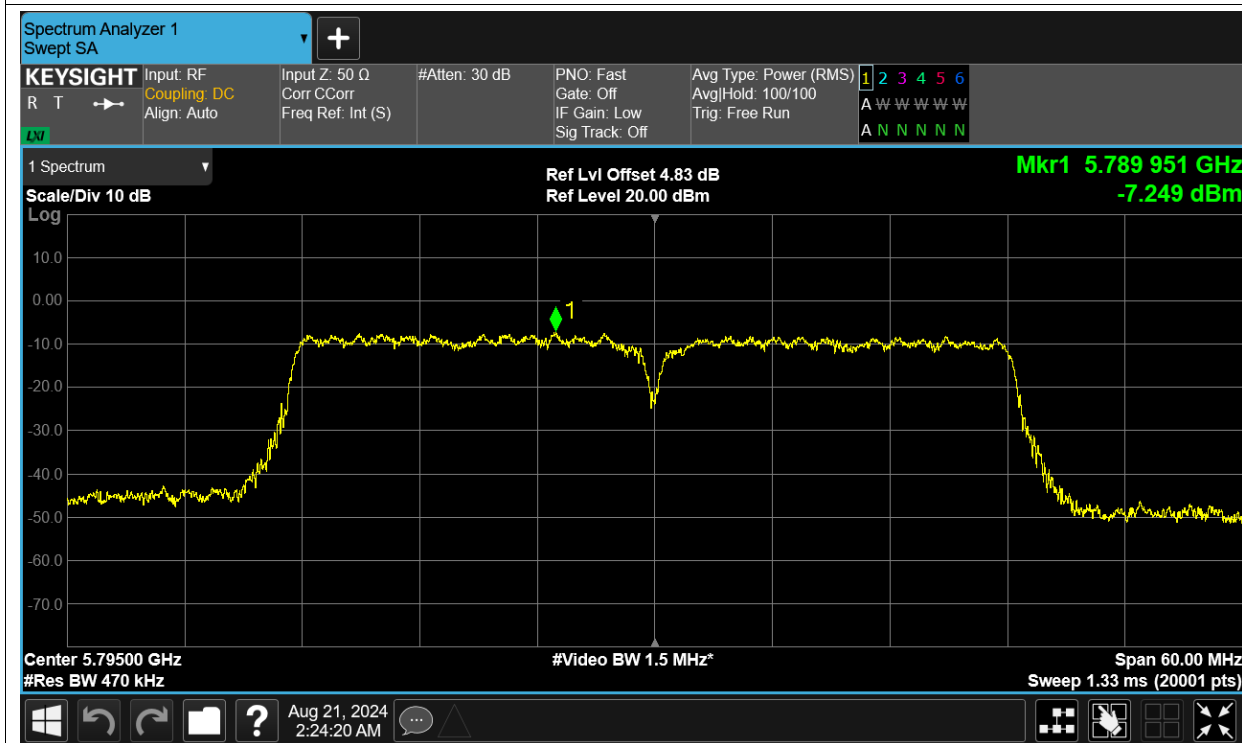
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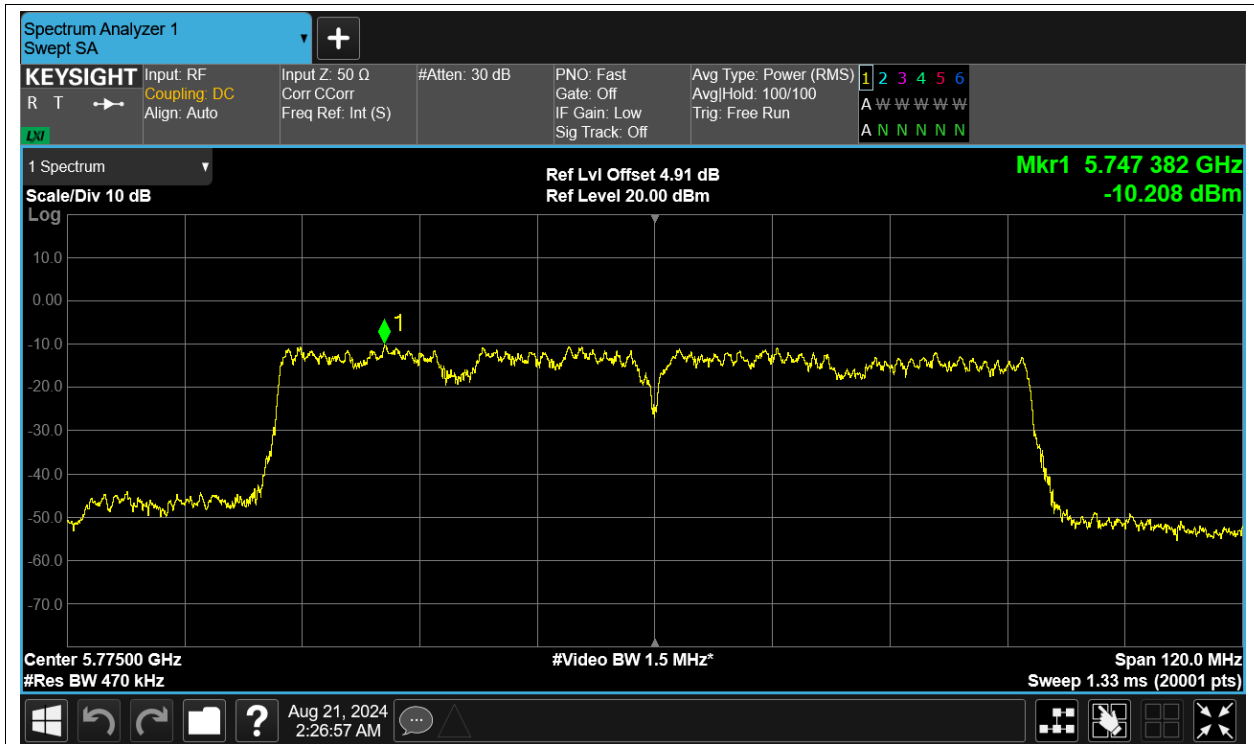
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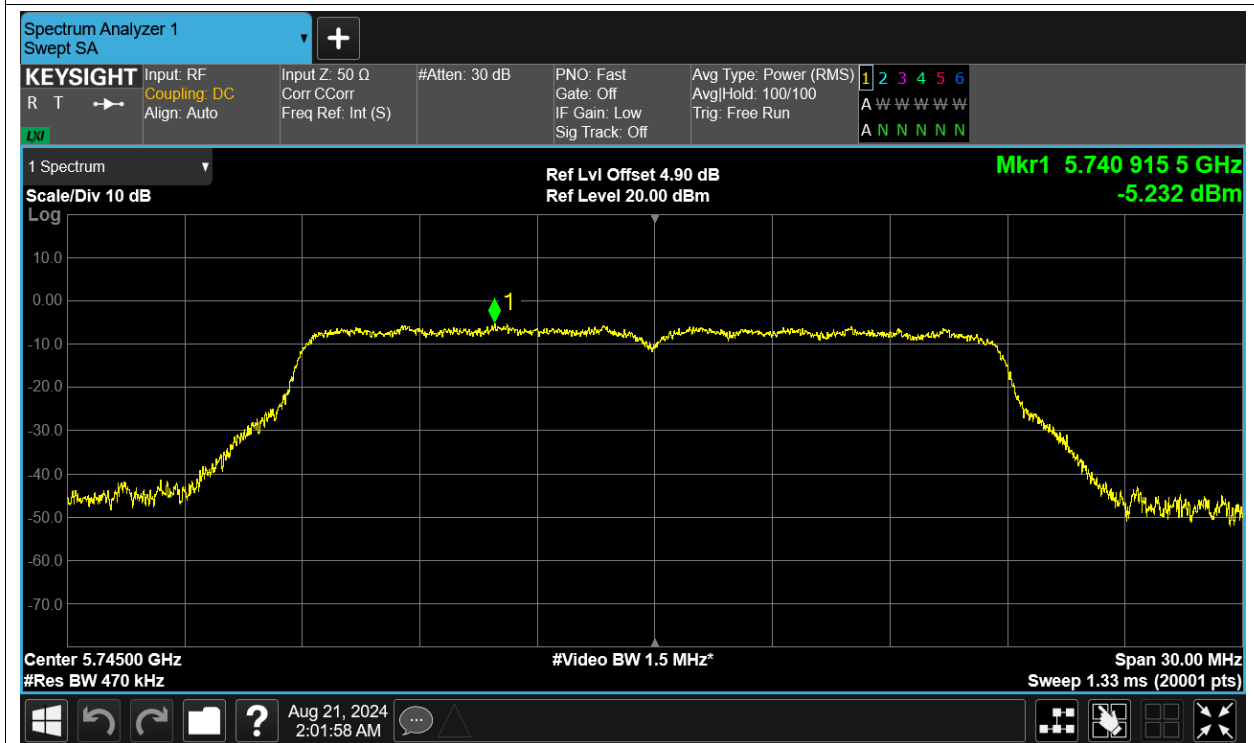
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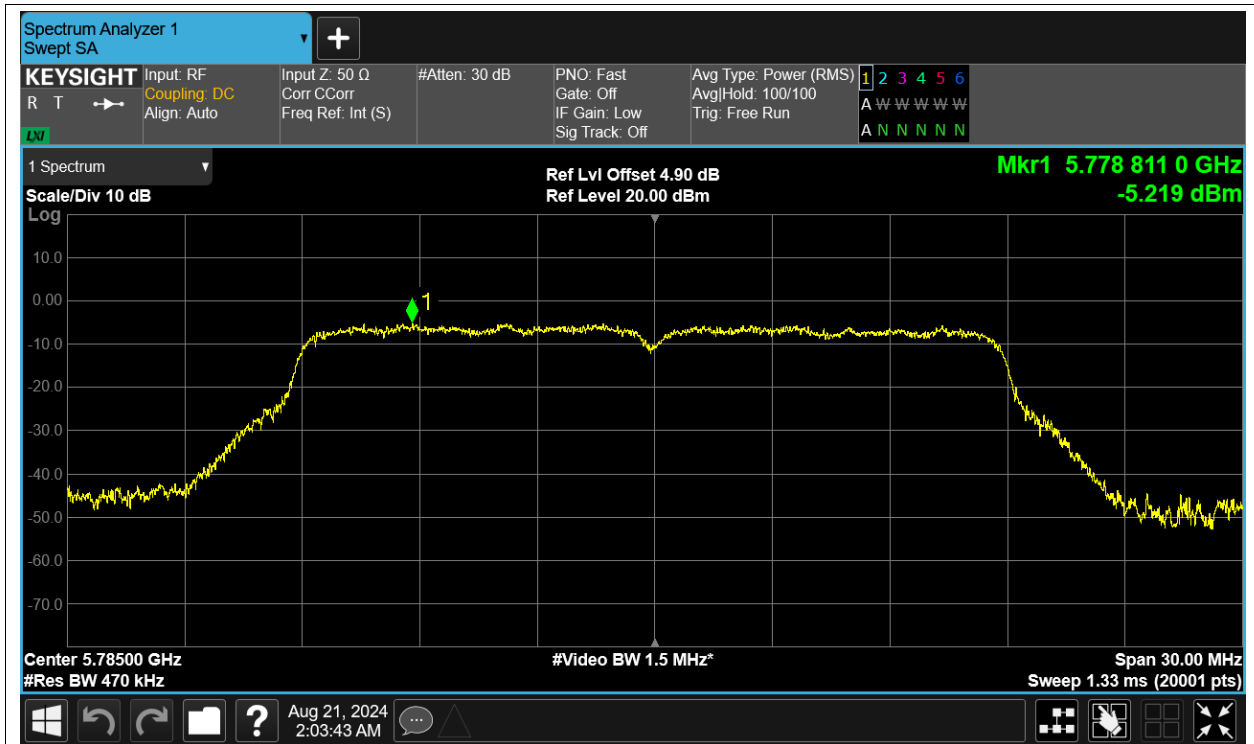
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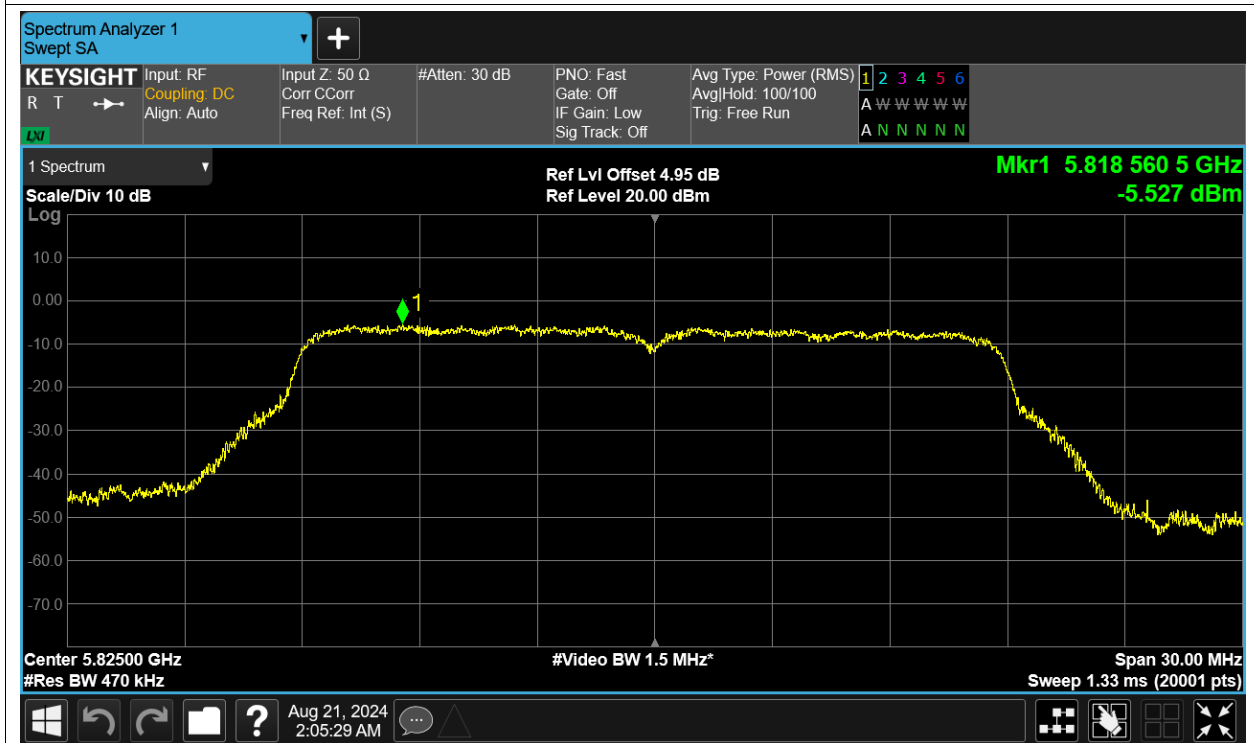
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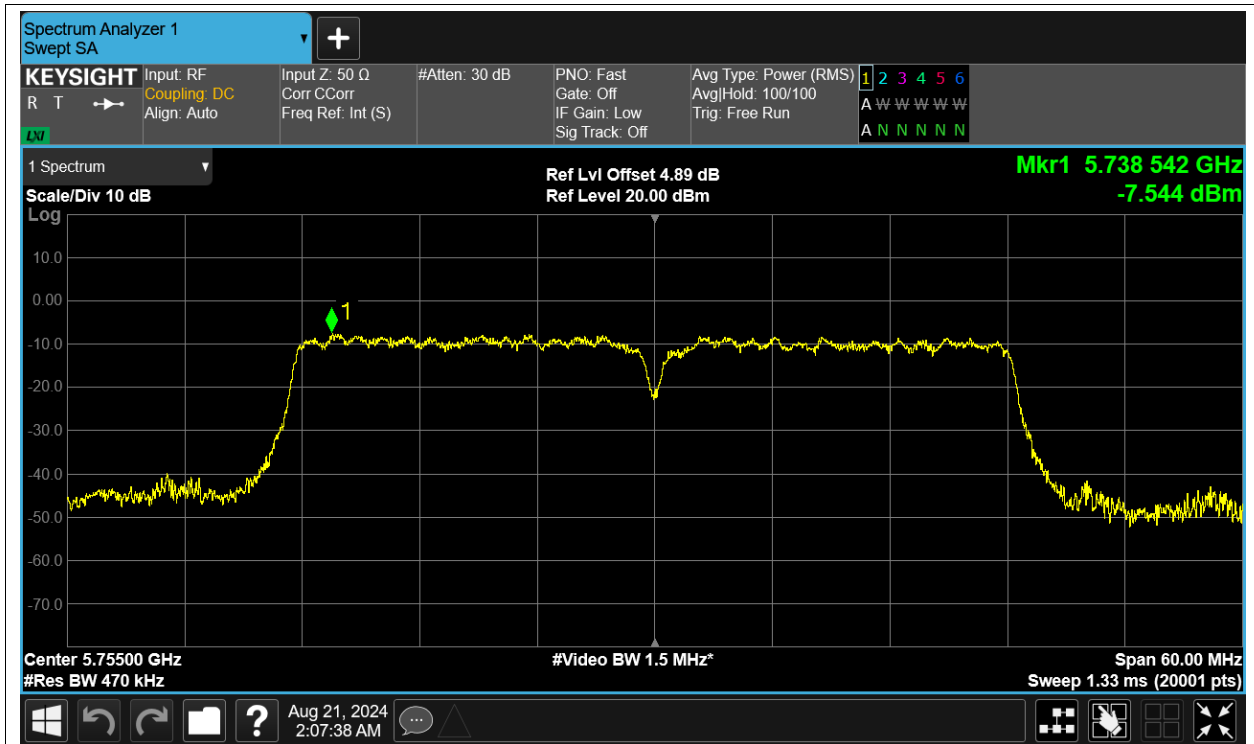
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

