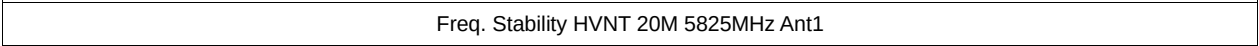
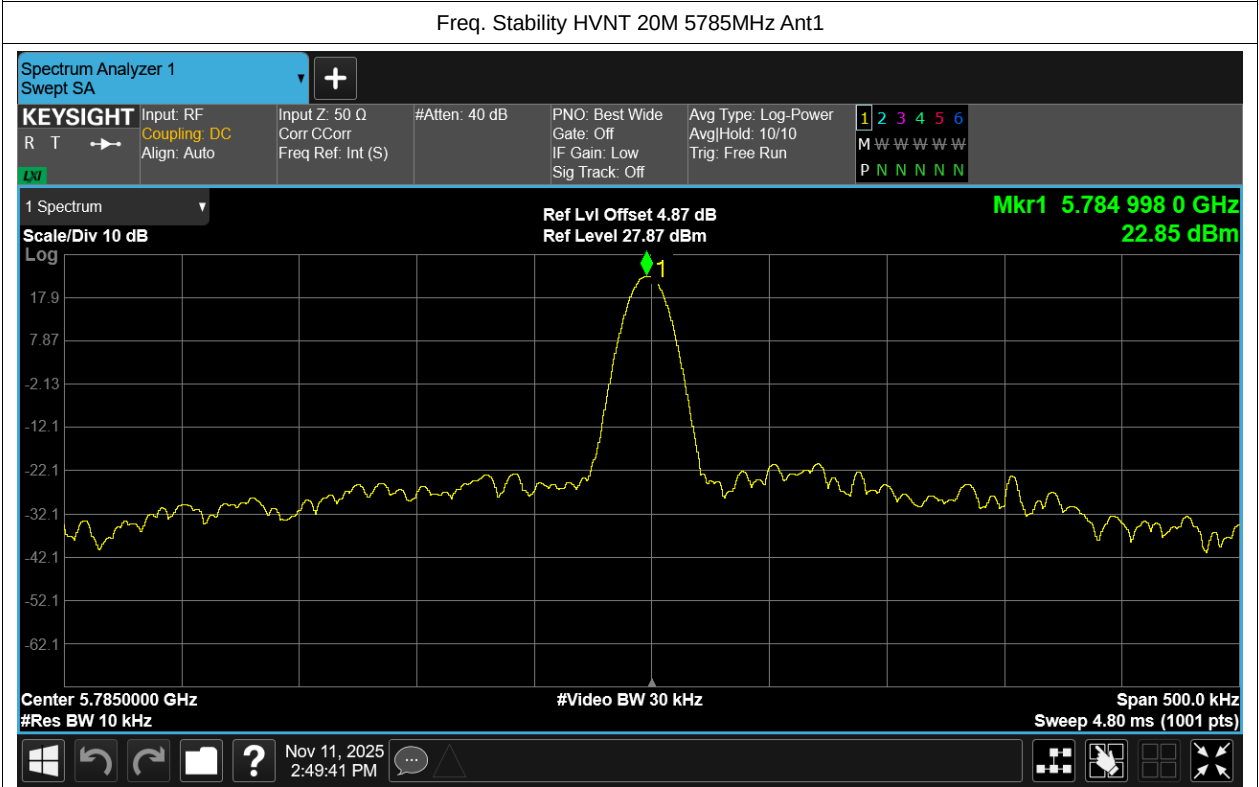
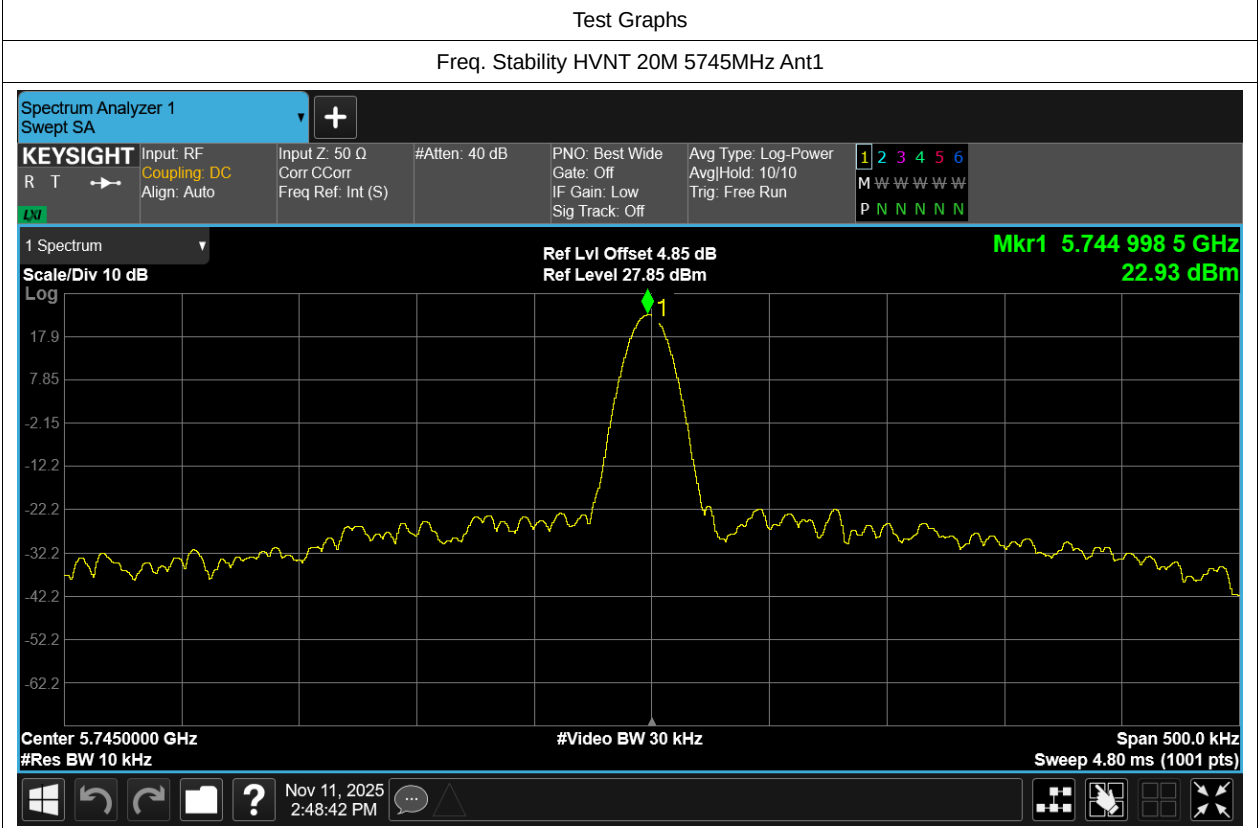


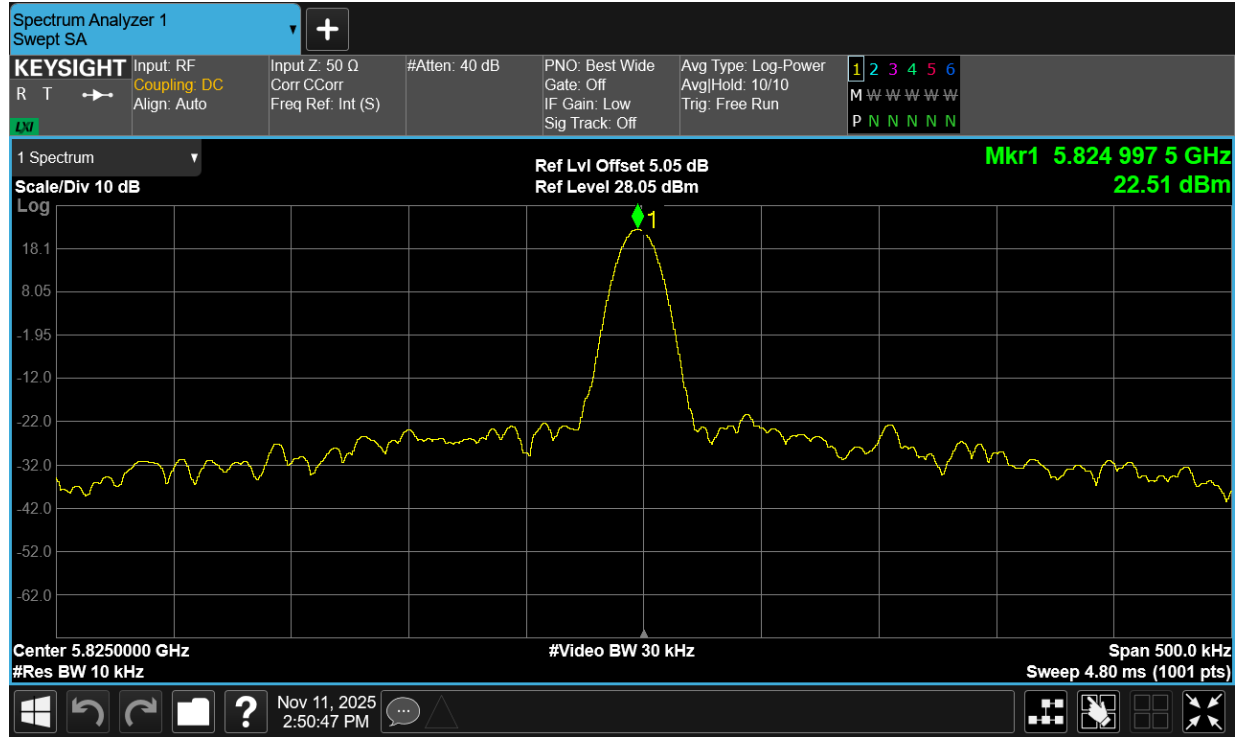


Test Data

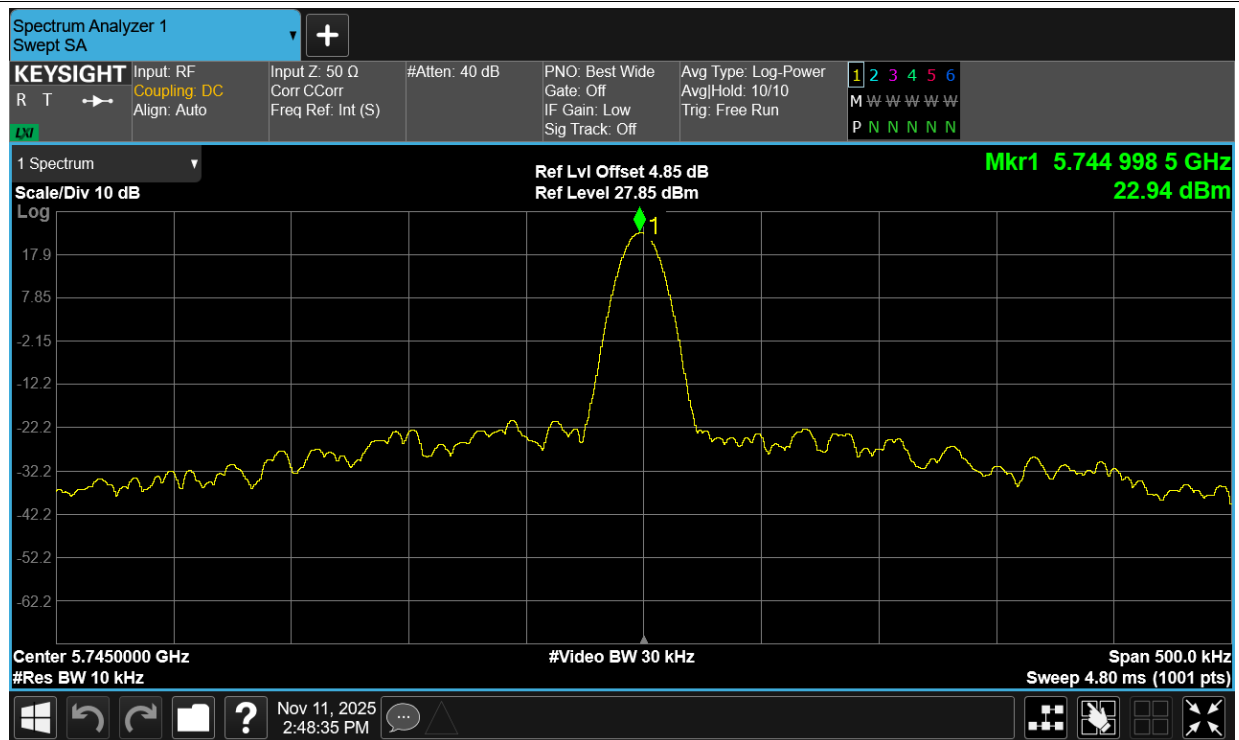
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	20M	5745	Ant1	5744.9985	-0.26	Within authorized band	Pass
HVNT	20M	5785	Ant1	5784.998	-0.35		Pass
HVNT	20M	5825	Ant1	5824.9975	-0.43		Pass
LVNT	20M	5745	Ant1	5744.9985	-0.26		Pass
LVNT	20M	5785	Ant1	5784.998	-0.35		Pass
LVNT	20M	5825	Ant1	5824.9975	-0.43		Pass
NVHT	20M	5745	Ant1	5744.9985	-0.26		Pass
NVHT	20M	5785	Ant1	5784.998	-0.35		Pass
NVHT	20M	5825	Ant1	5824.9975	-0.43		Pass
NVLT	20M	5745	Ant1	5744.999	-0.17		Pass
NVLT	20M	5785	Ant1	5784.9985	-0.26		Pass
NVLT	20M	5825	Ant1	5824.9975	-0.43		Pass
NVNT	20M	5745	Ant1	5744.999	-0.17		Pass
NVNT	20M	5785	Ant1	5784.9985	-0.26		Pass
NVNT	20M	5825	Ant1	5824.998	-0.34		Pass
HVNT	40M	5755	Ant1	5754.9975	-0.43		Pass
HVNT	40M	5795	Ant1	5794.997	-0.52		Pass
LVNT	40M	5755	Ant1	5754.9975	-0.43		Pass
LVNT	40M	5795	Ant1	5794.997	-0.52		Pass
NVHT	40M	5755	Ant1	5754.9975	-0.43		Pass
NVHT	40M	5795	Ant1	5794.997	-0.52		Pass
NVLT	40M	5755	Ant1	5754.9975	-0.43		Pass
NVLT	40M	5795	Ant1	5794.997	-0.52		Pass
NVNT	40M	5755	Ant1	5754.998	-0.35		Pass
NVNT	40M	5795	Ant1	5794.997	-0.52		Pass
HVNT	80M	5775	Ant1	5774.997	-0.52		Pass
LVNT	80M	5775	Ant1	5774.997	-0.52		Pass
NVHT	80M	5775	Ant1	5774.997	-0.52		Pass
NVLT	80M	5775	Ant1	5774.997	-0.52		Pass
NVNT	80M	5775	Ant1	5774.997	-0.52		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.							

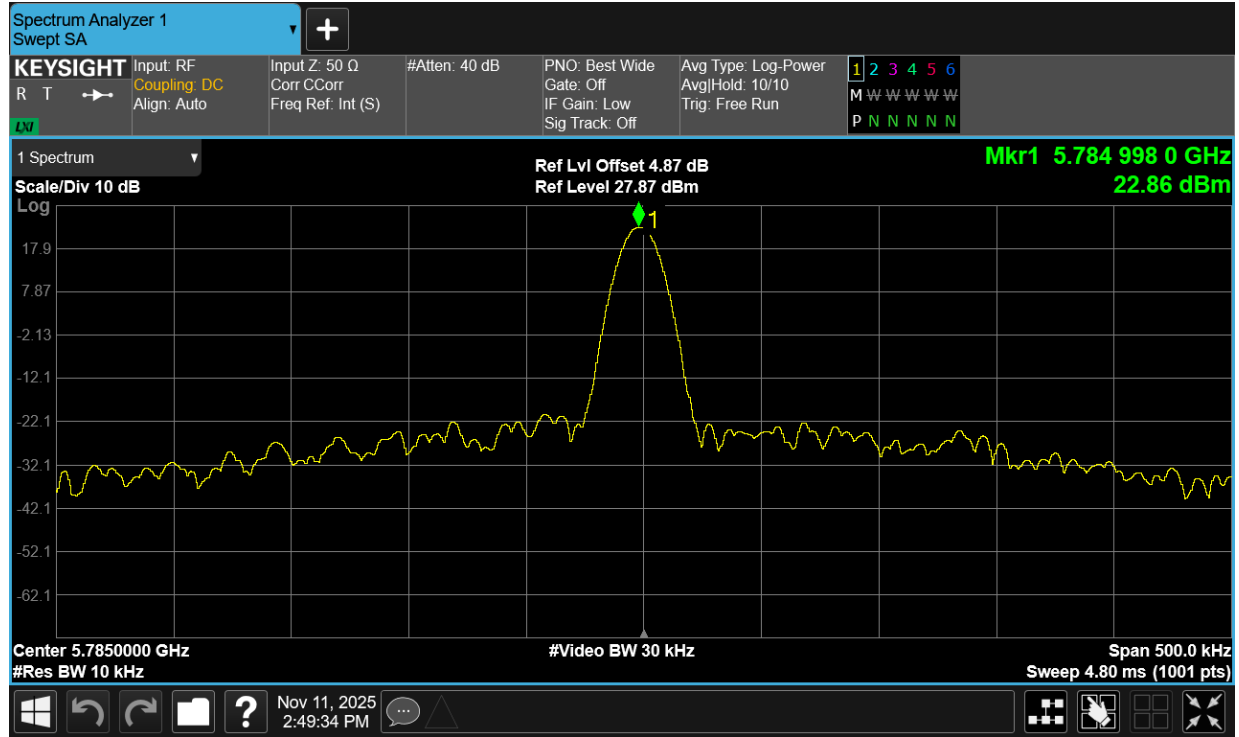




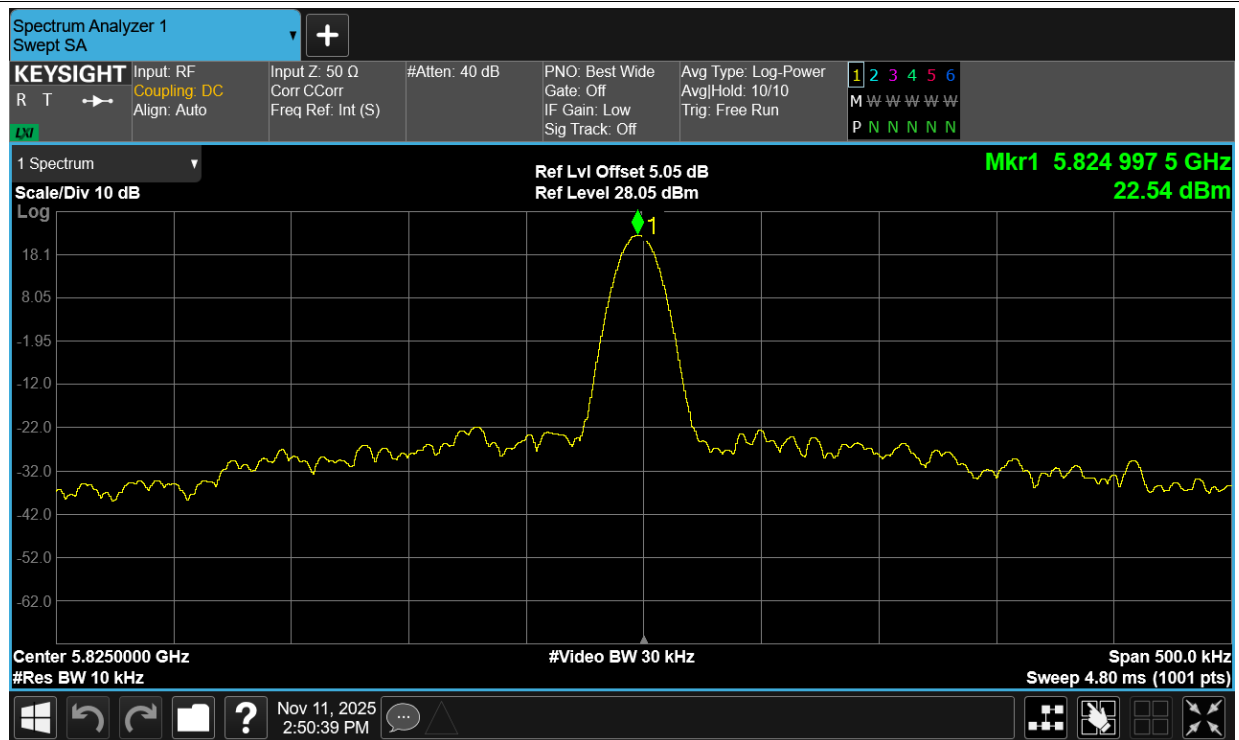
Freq. Stability LVNT 20M 5745MHz Ant1



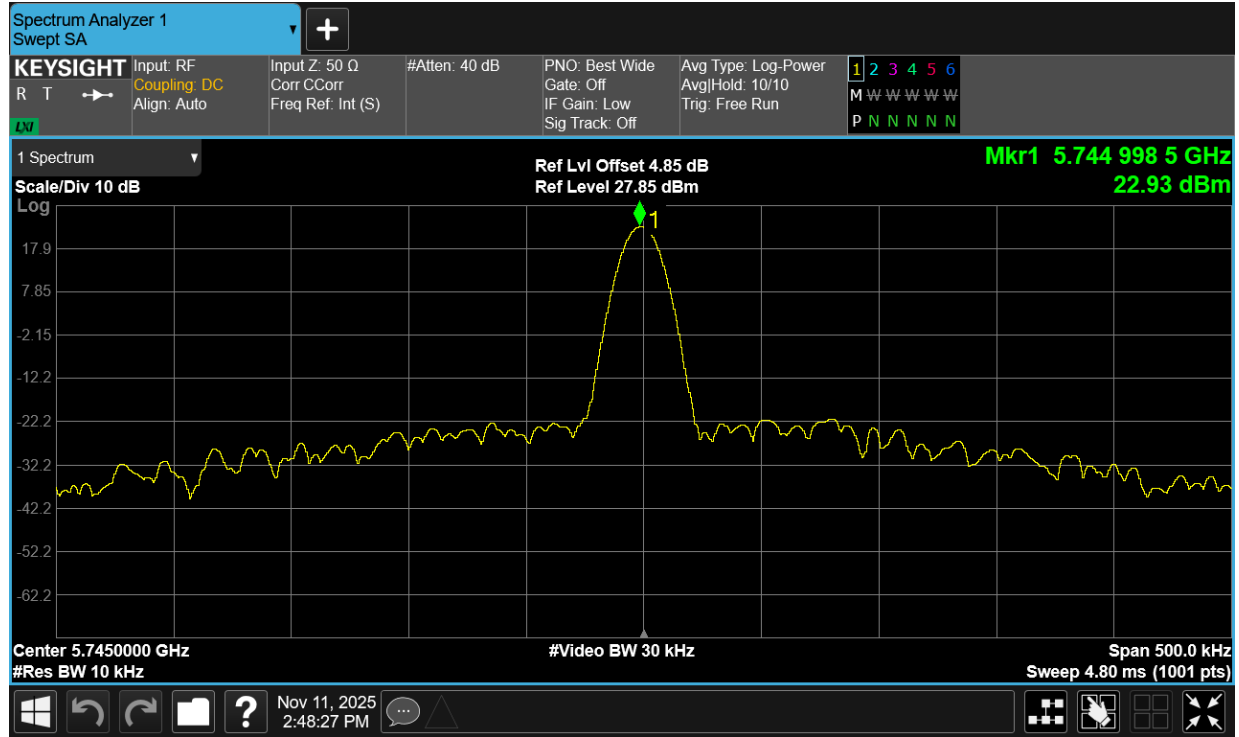
Freq. Stability LVNT 20M 5785MHz Ant1



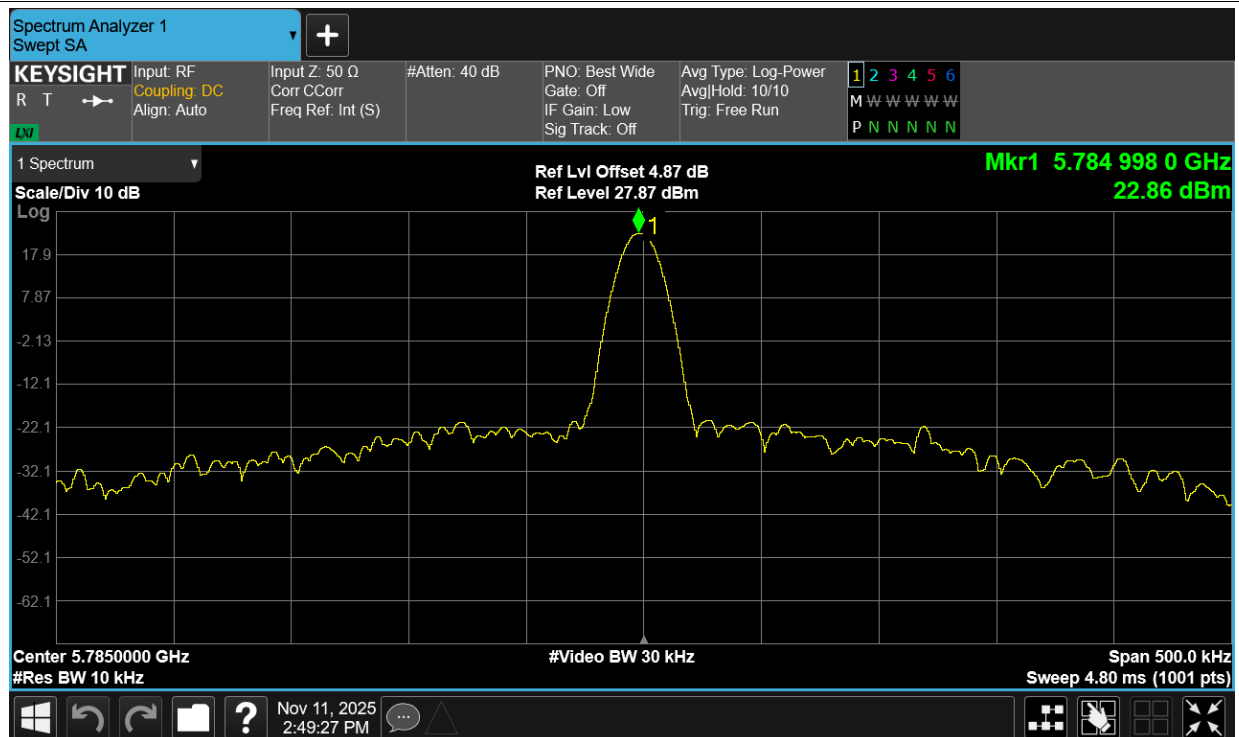
Freq. Stability LVNT 20M 5825MHz Ant1



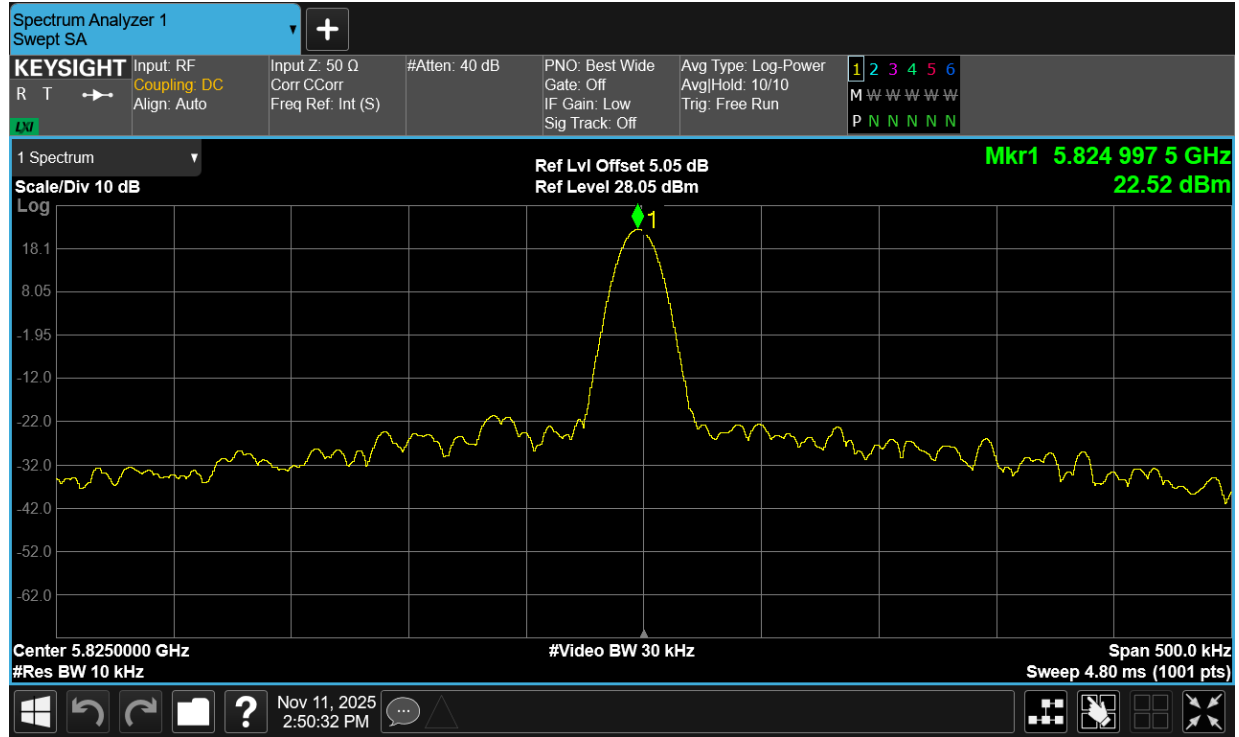
Freq. Stability NVHT 20M 5745MHz Ant1



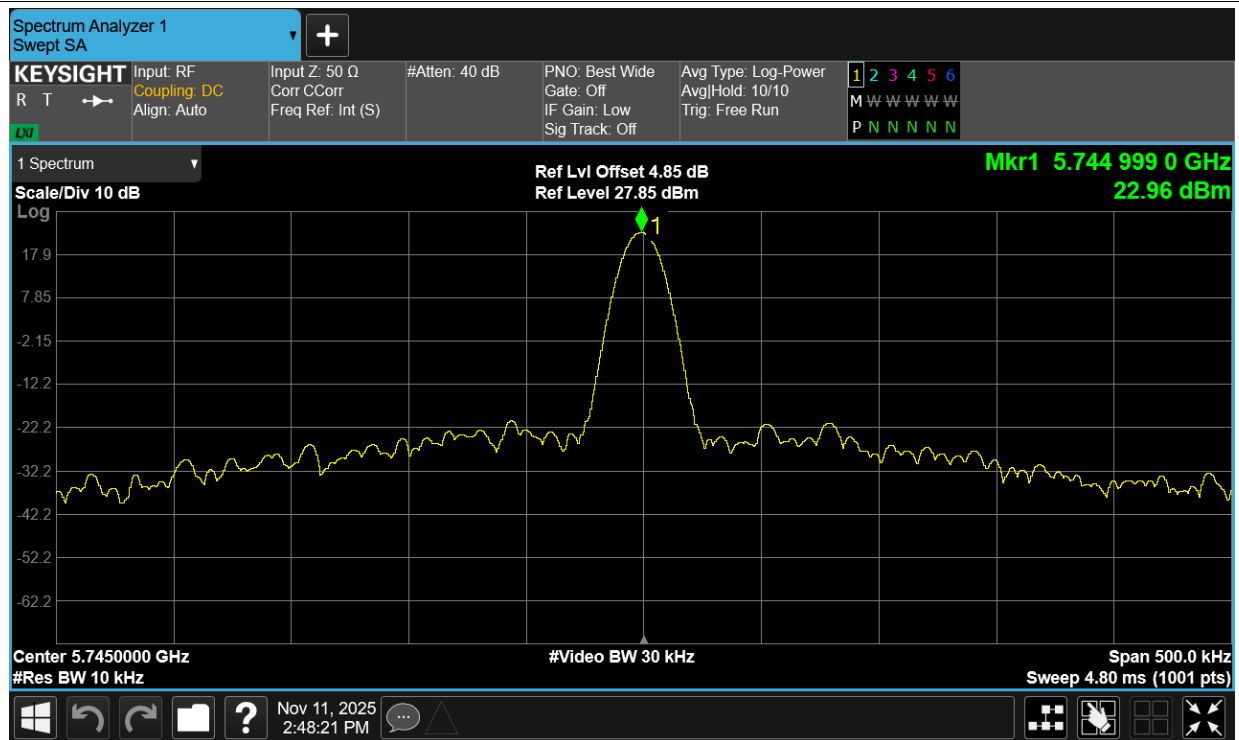
Freq. Stability NVHT 20M 5785MHz Ant1



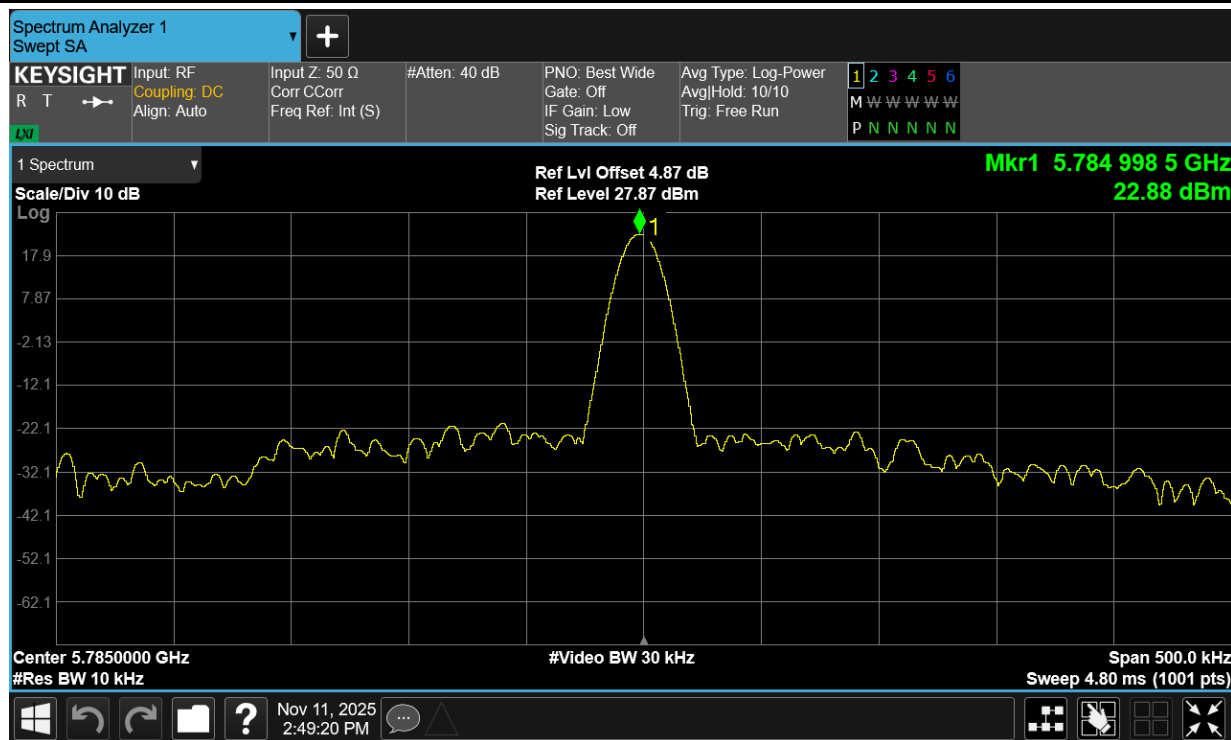
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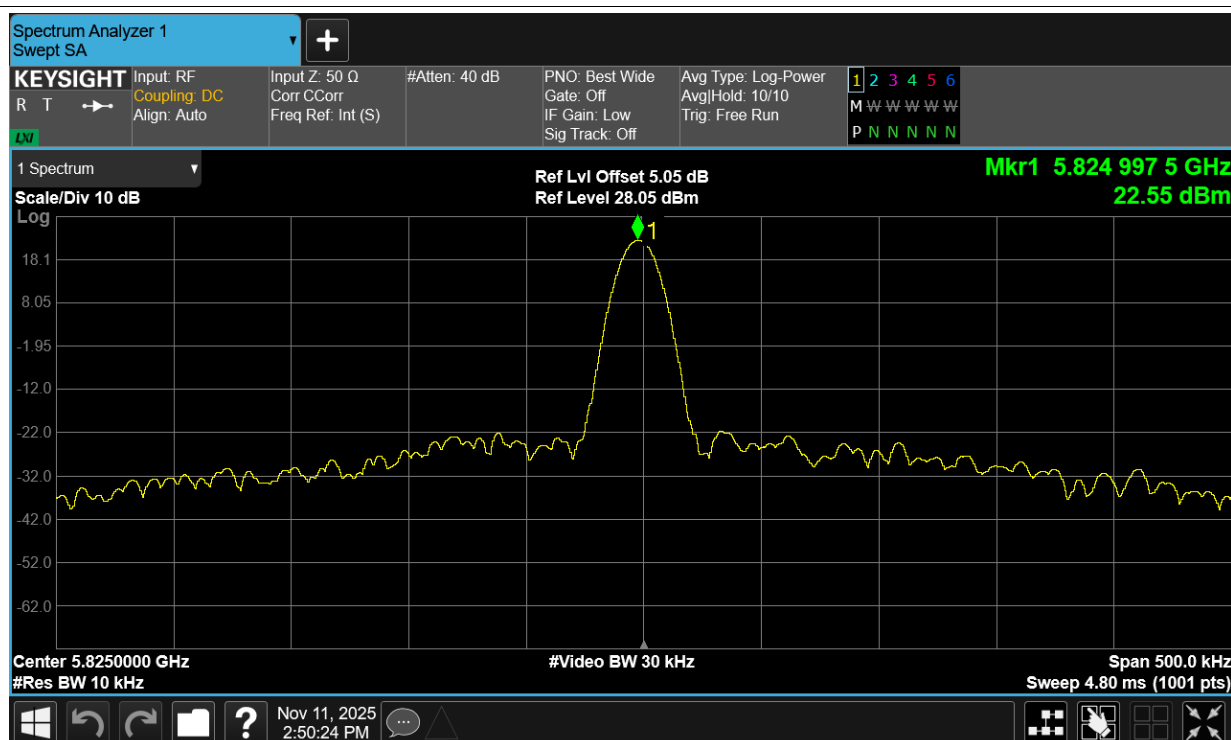
Freq. Stability NVLT 20M 5745MHz Ant1



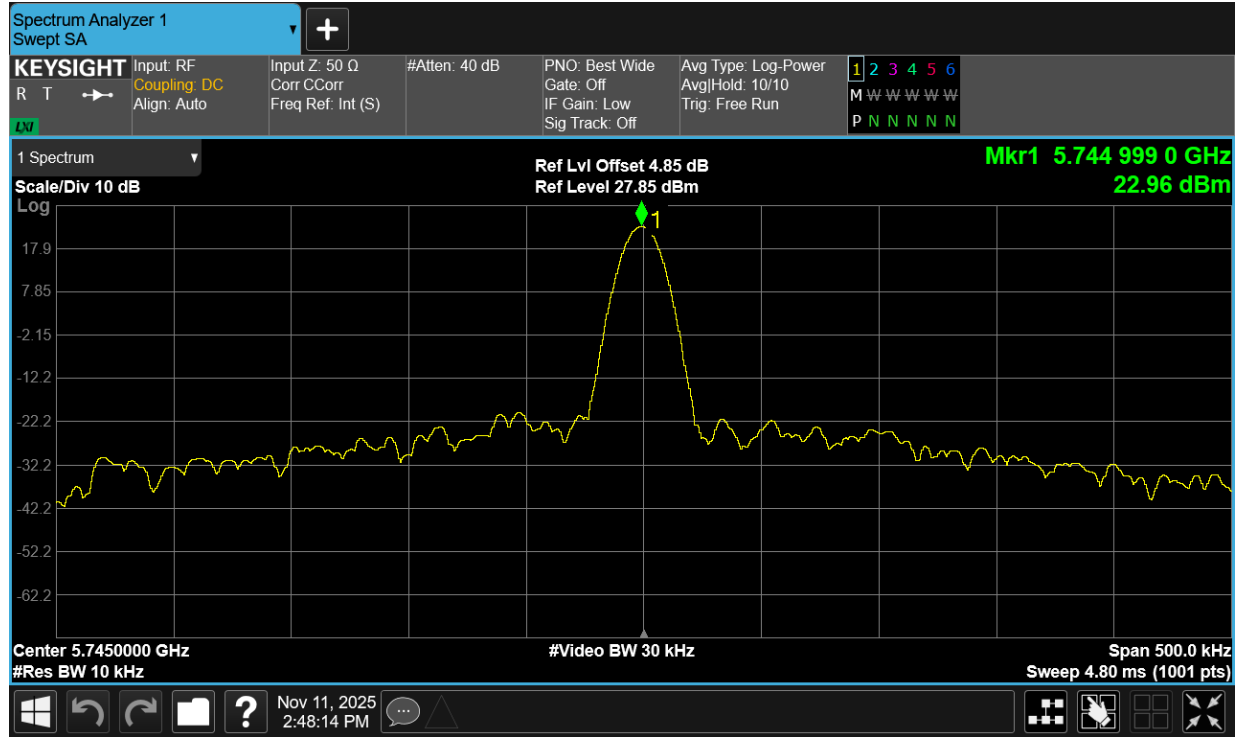
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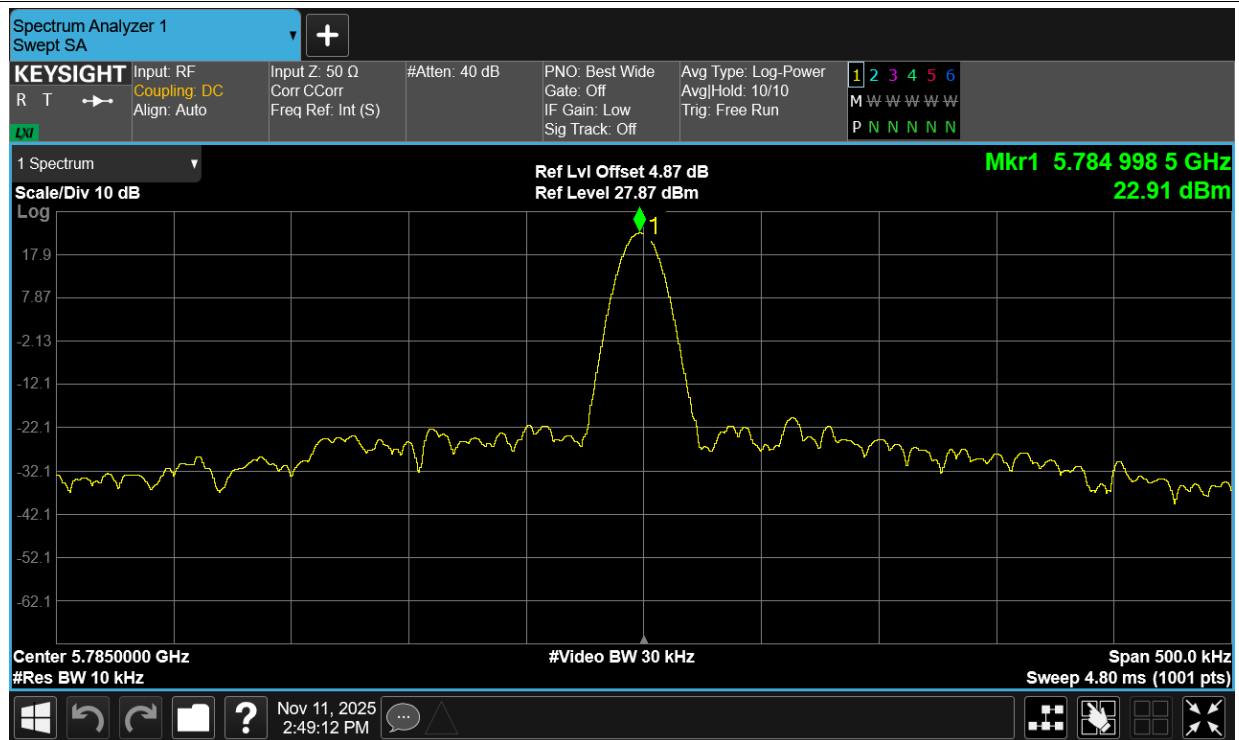
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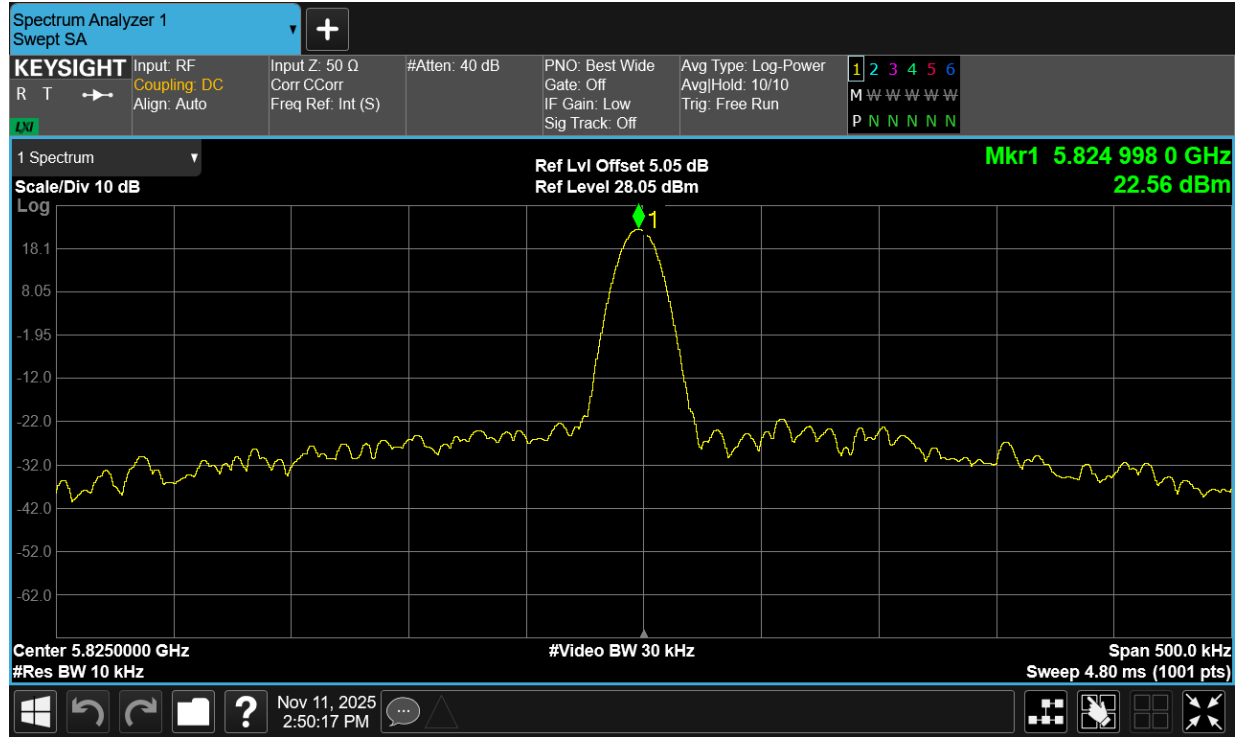
Freq. Stability NVNT 20M 5745MHz Ant1



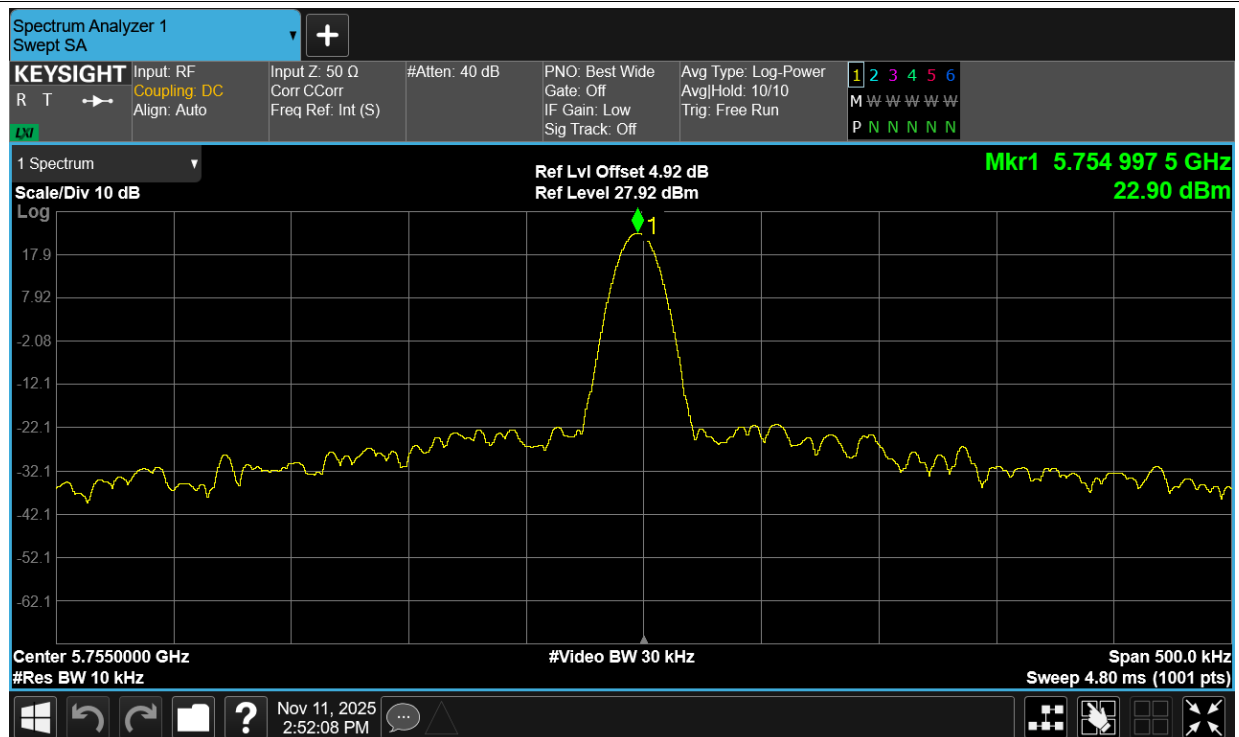
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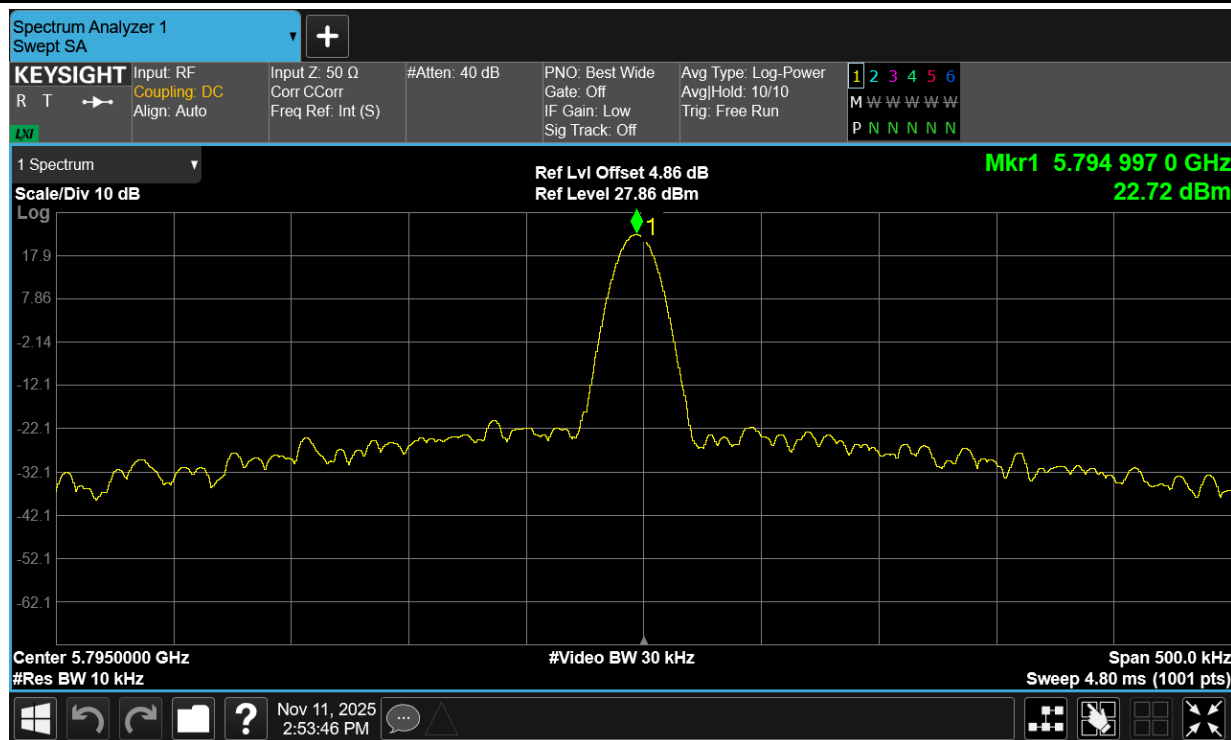
Freq. Stability NVNT 20M 5825MHz Ant1



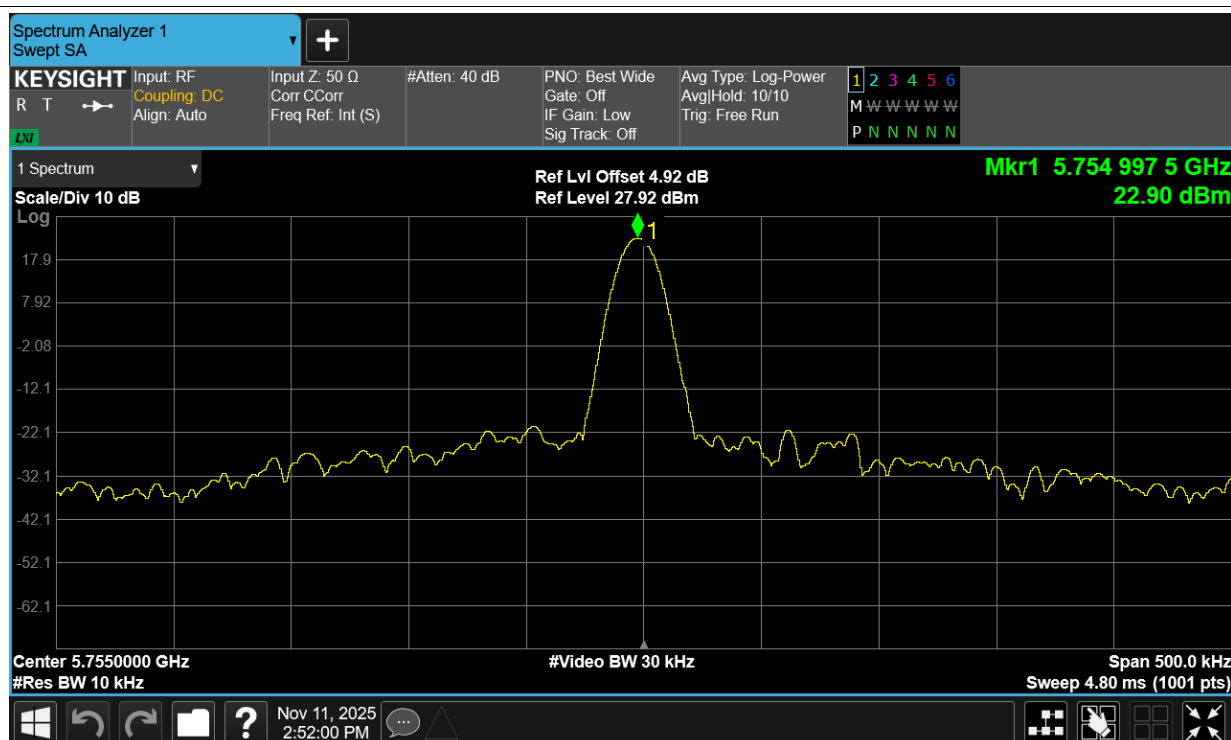
Freq. Stability HVNT 40M 5755MHz Ant1



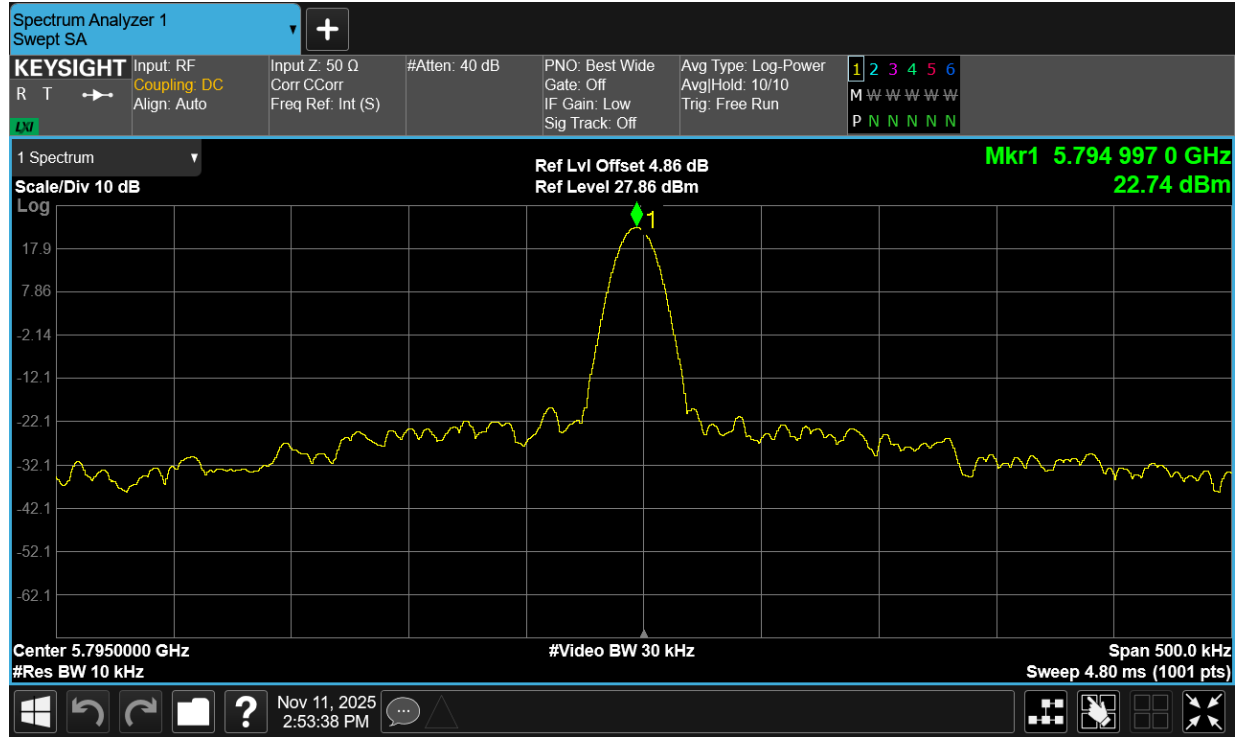
Freq. Stability HVNT 40M 5795MHz Ant1



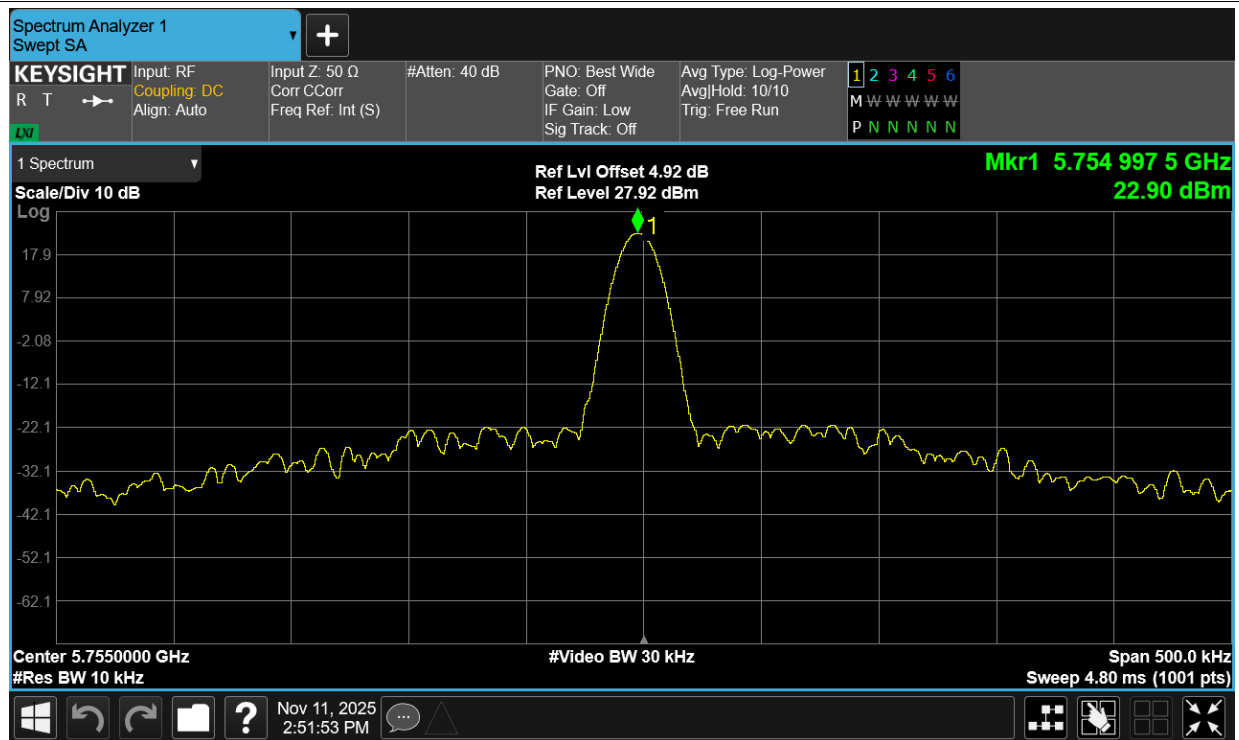
Freq. Stability LVNT 40M 5755MHz Ant1



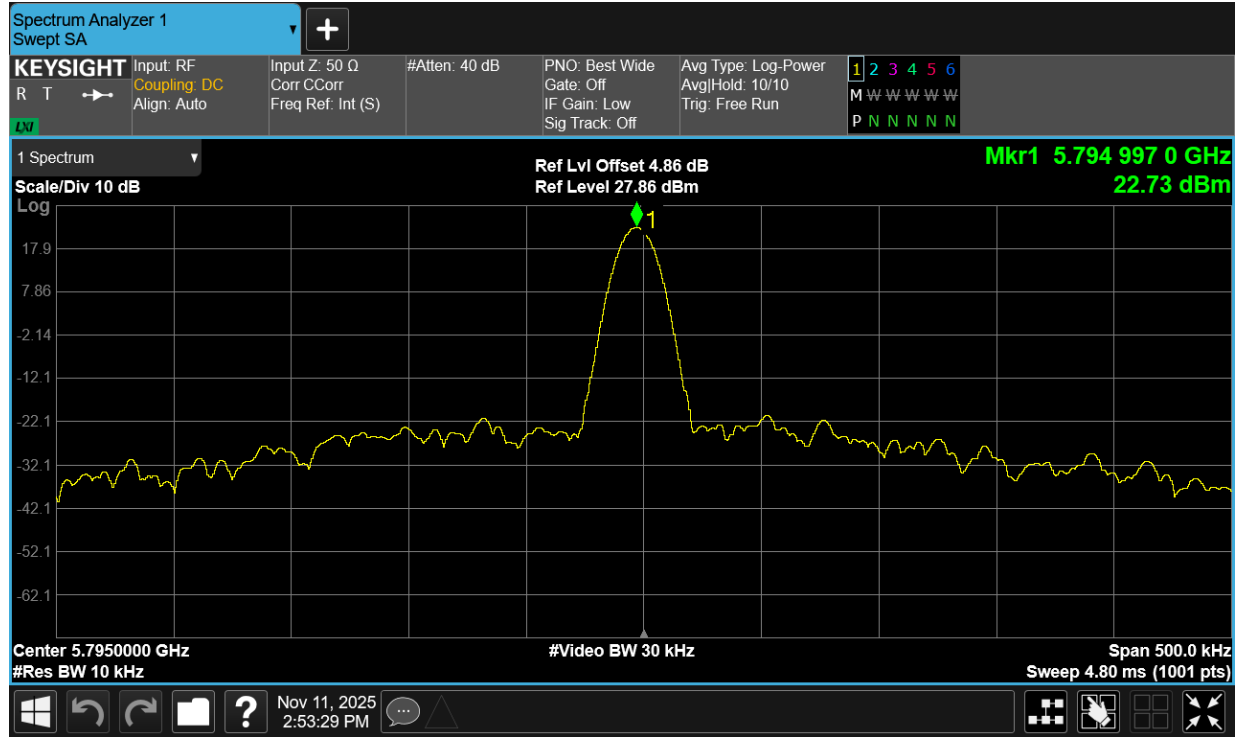
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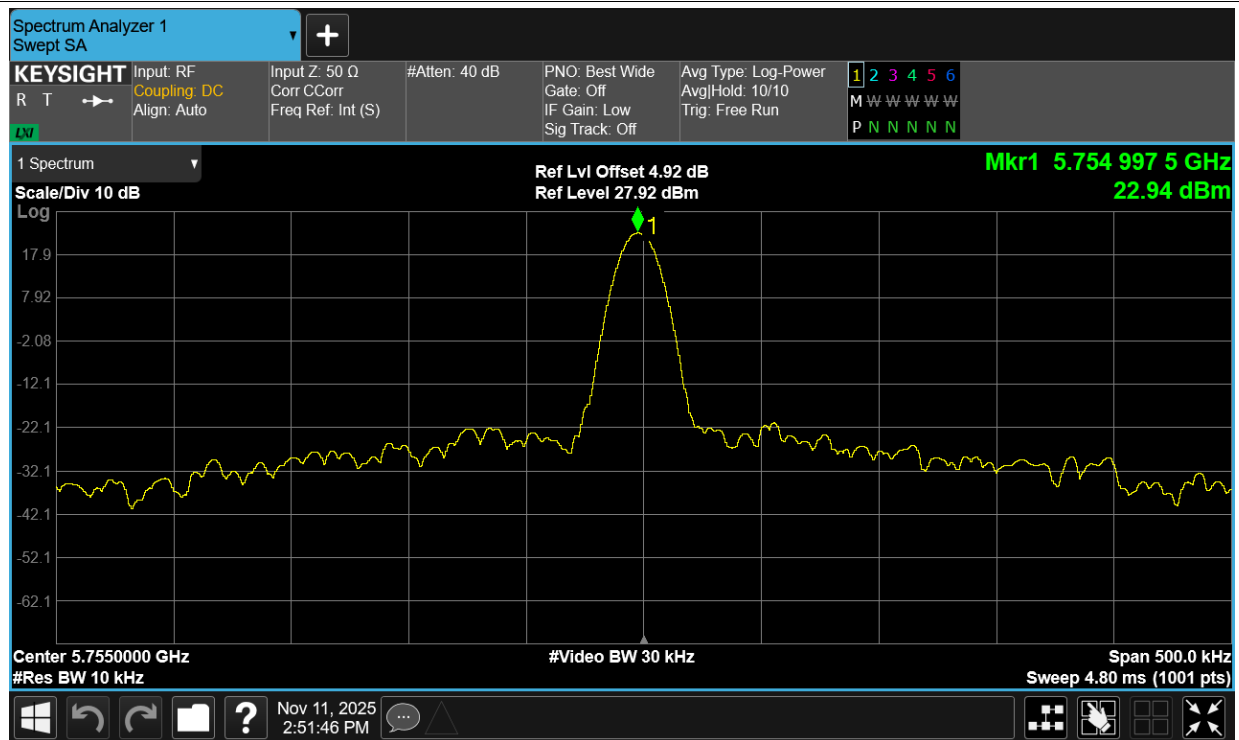
Freq. Stability NVHT 40M 5755MHz Ant1



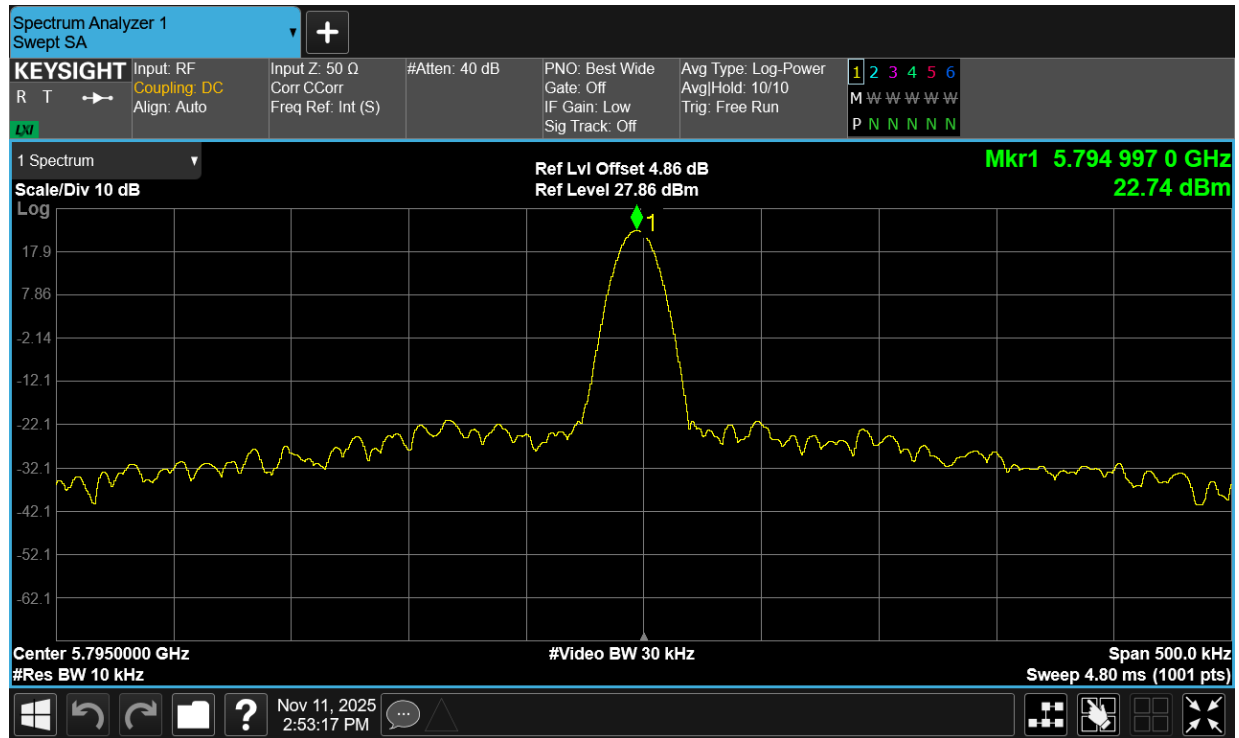
Freq. Stability NVHT 40M 5795MHz Ant1



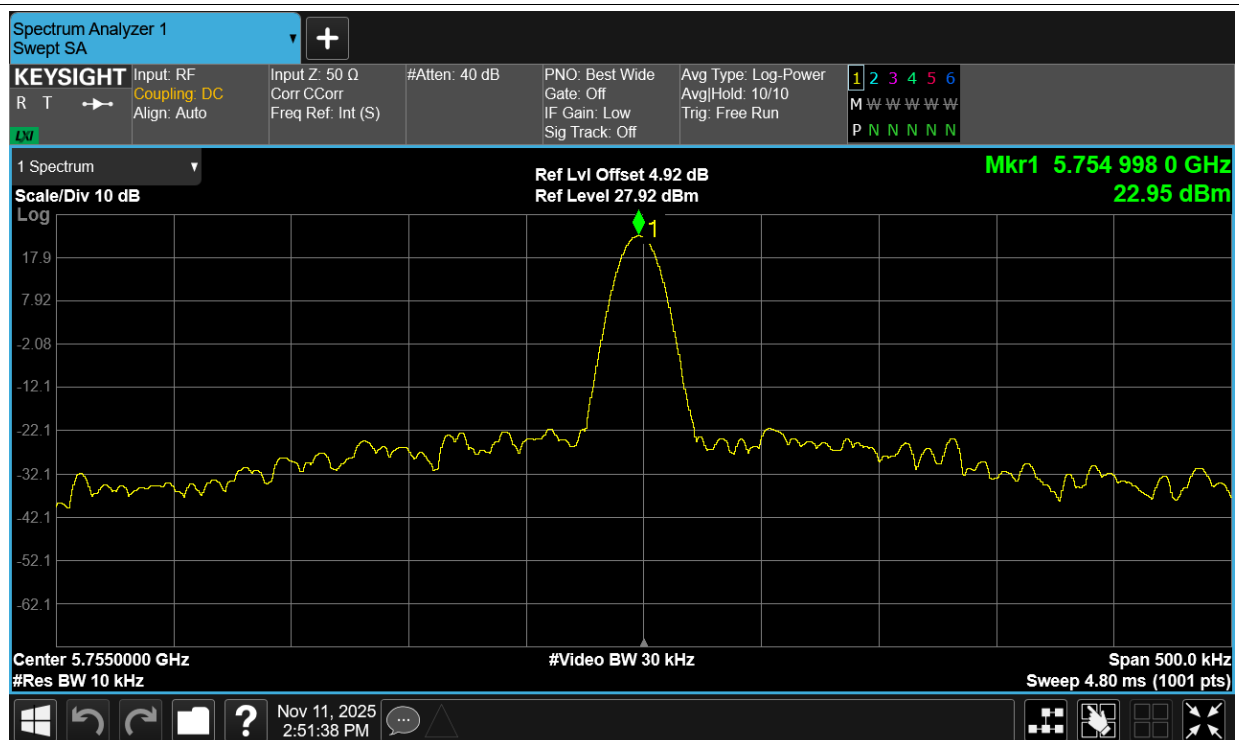
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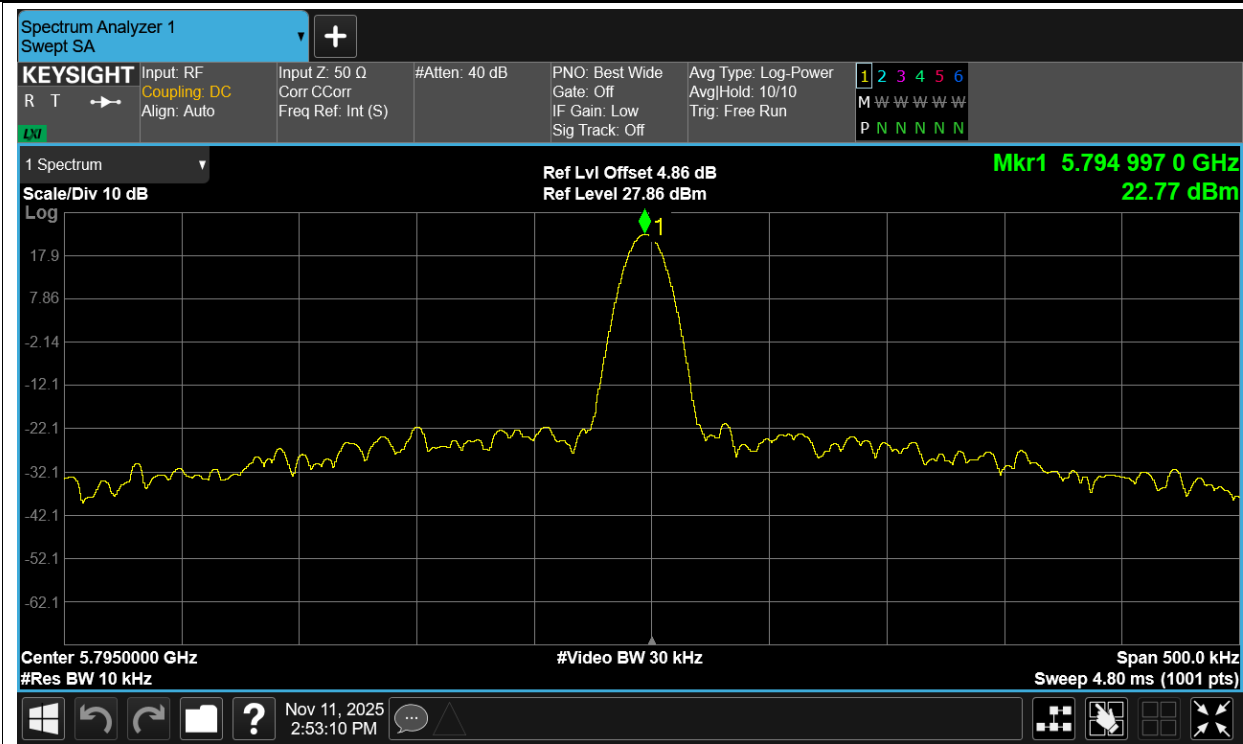
Freq. Stability NVLT 40M 5795MHz Ant1



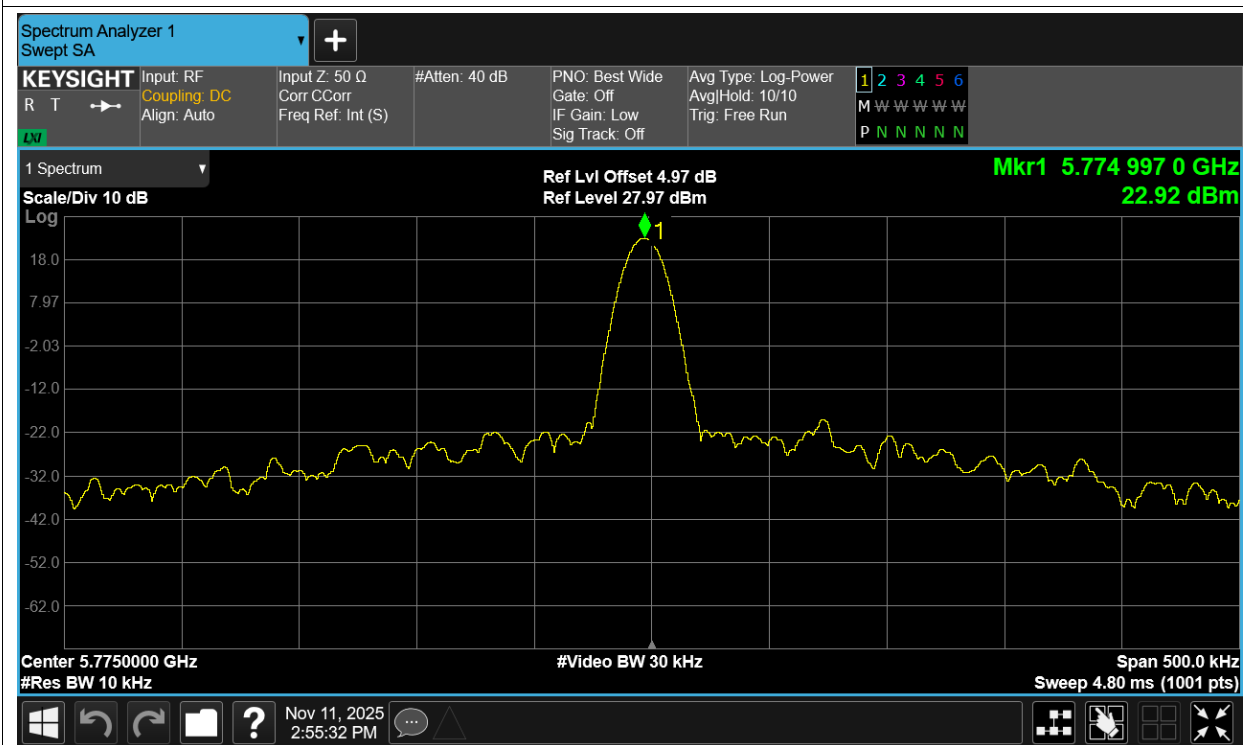
Freq. Stability NVNT 40M 5755MHz Ant1



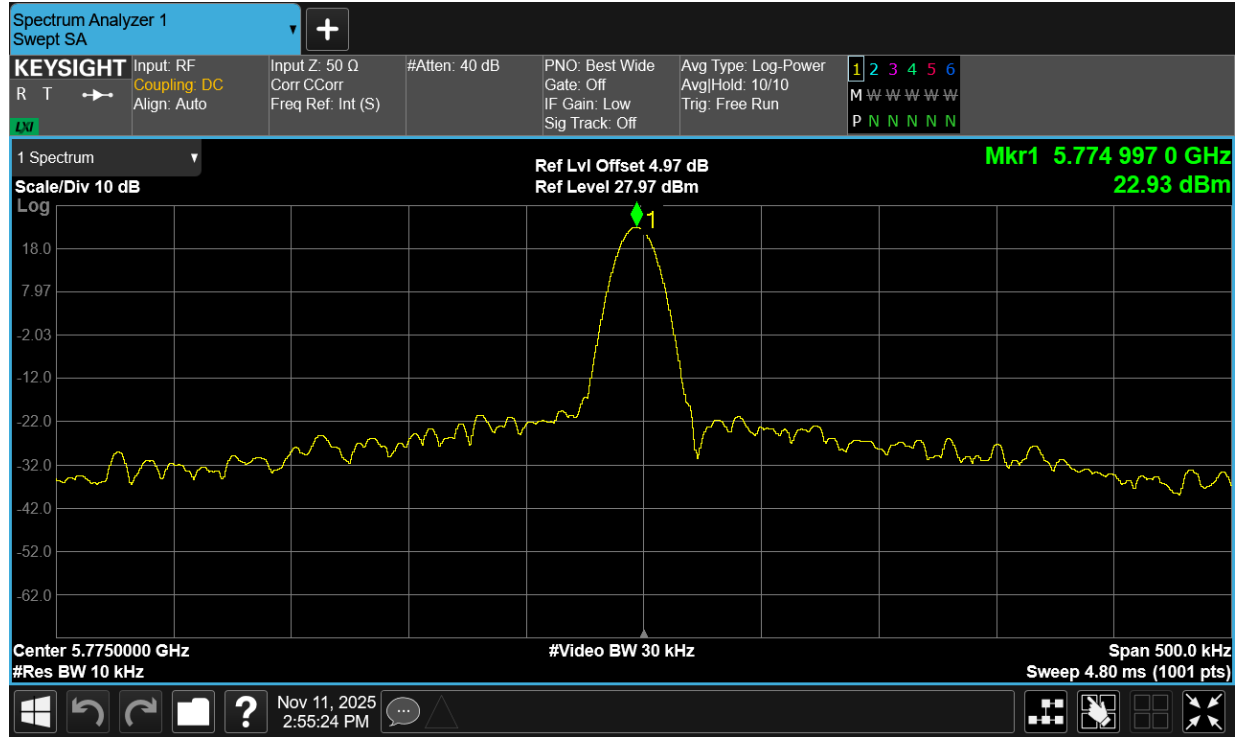
Freq. Stability NVNT 40M 5795MHz Ant1



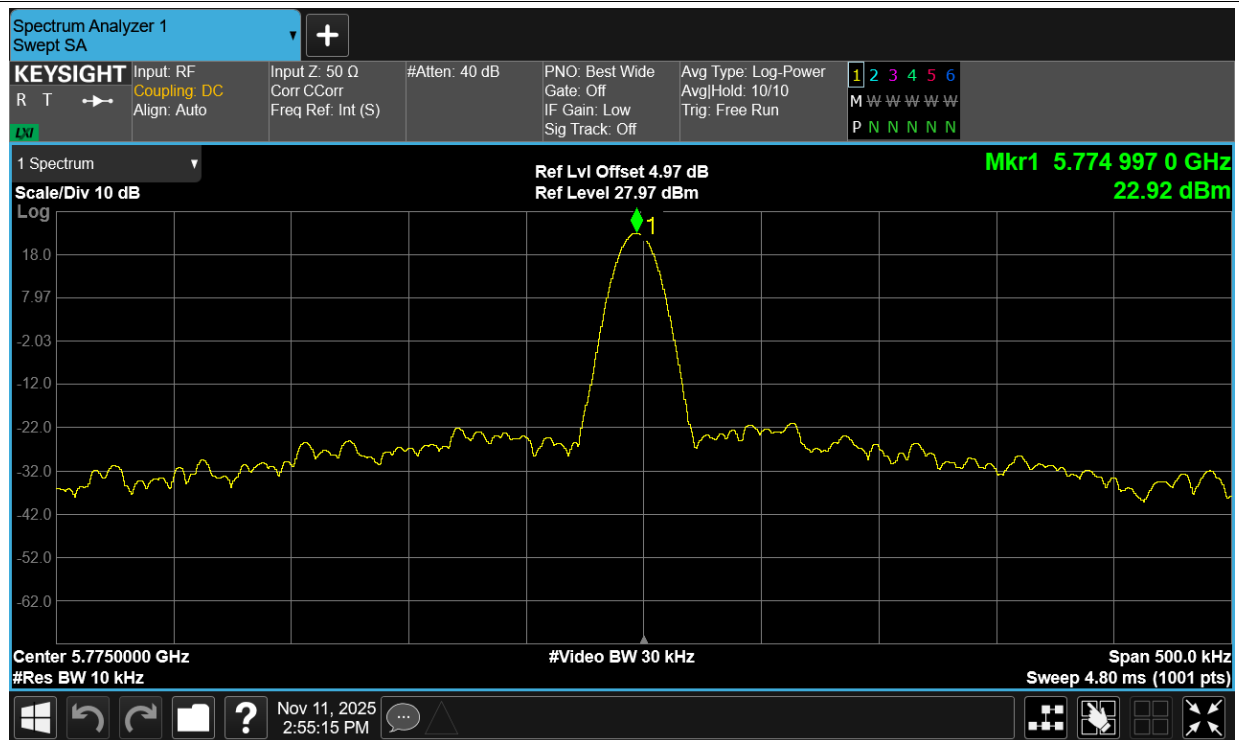
Freq. Stability HVNT 80M 5775MHz Ant1



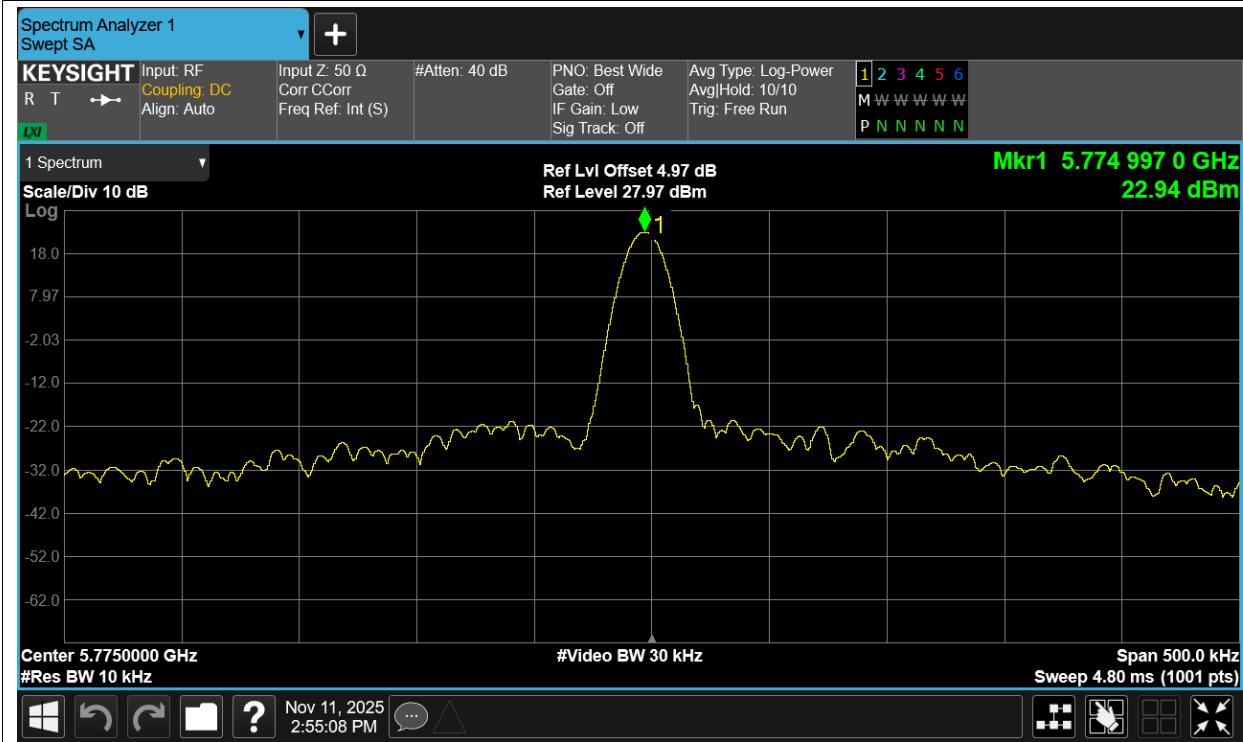
Freq. Stability LVNT 80M 5775MHz Ant1



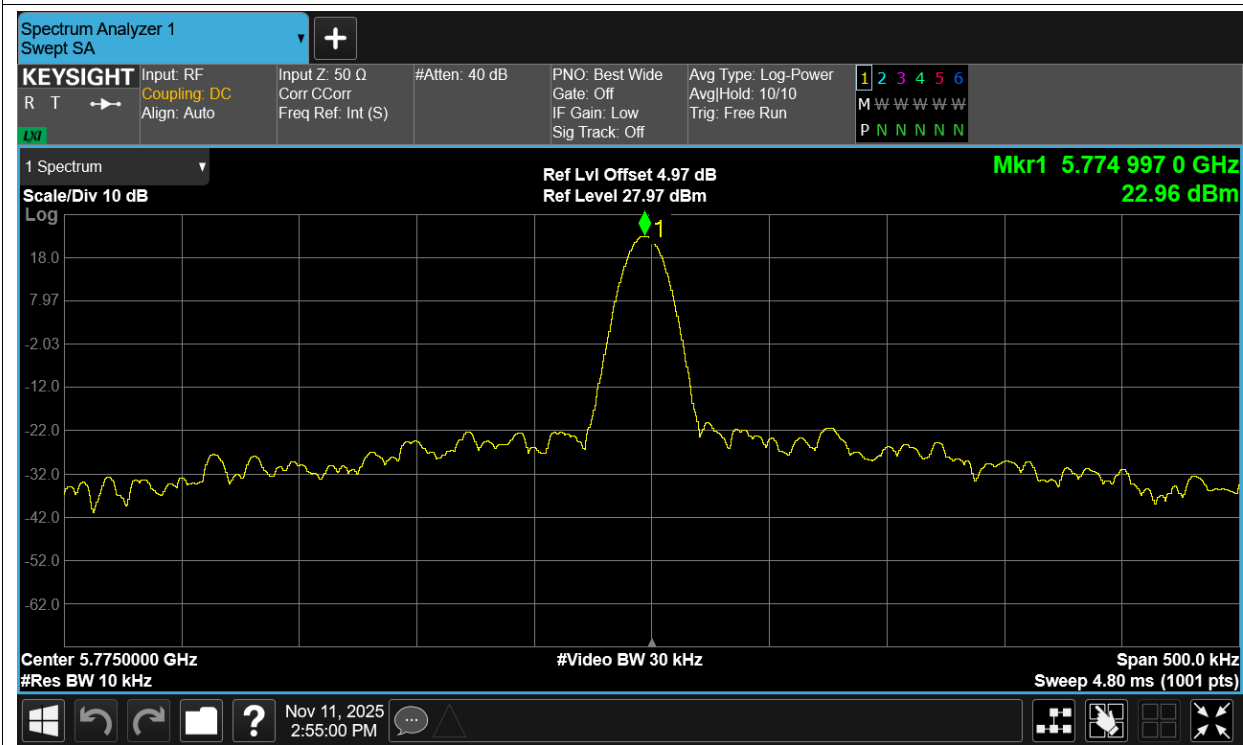
Freq. Stability NVHT 80M 5775MHz Ant1



Freq. Stability NVLT 80M 5775MHz Ant1



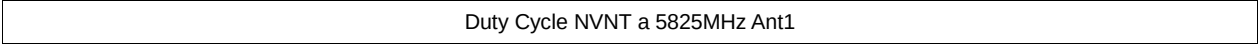
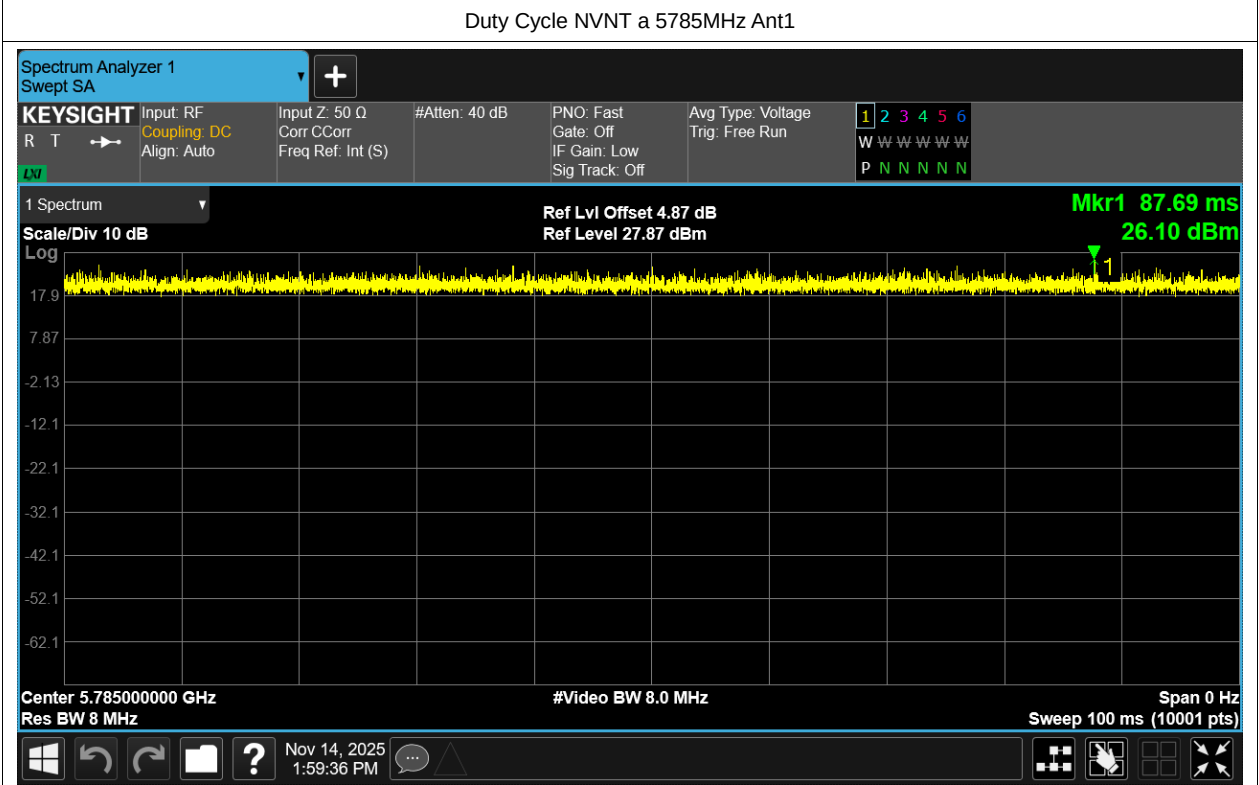
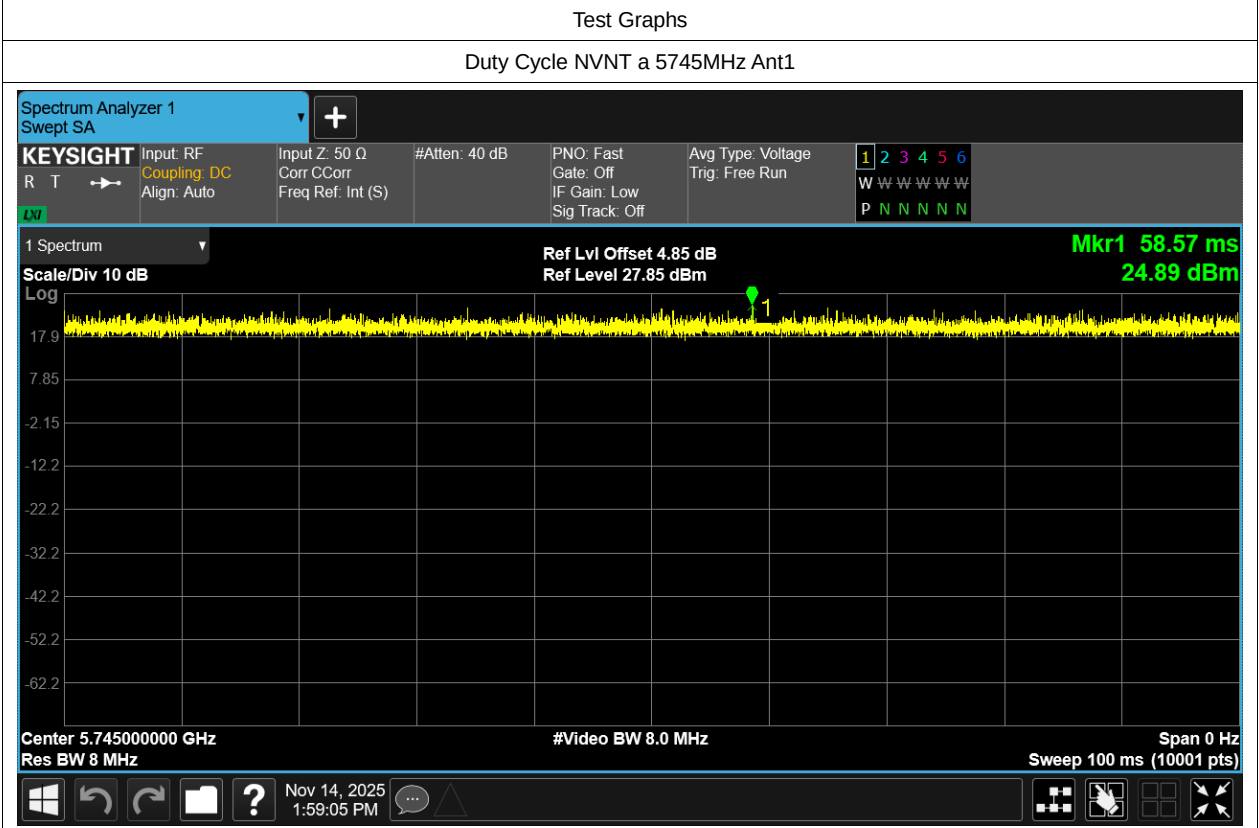
Freq. Stability NVNT 80M 5775MHz Ant1

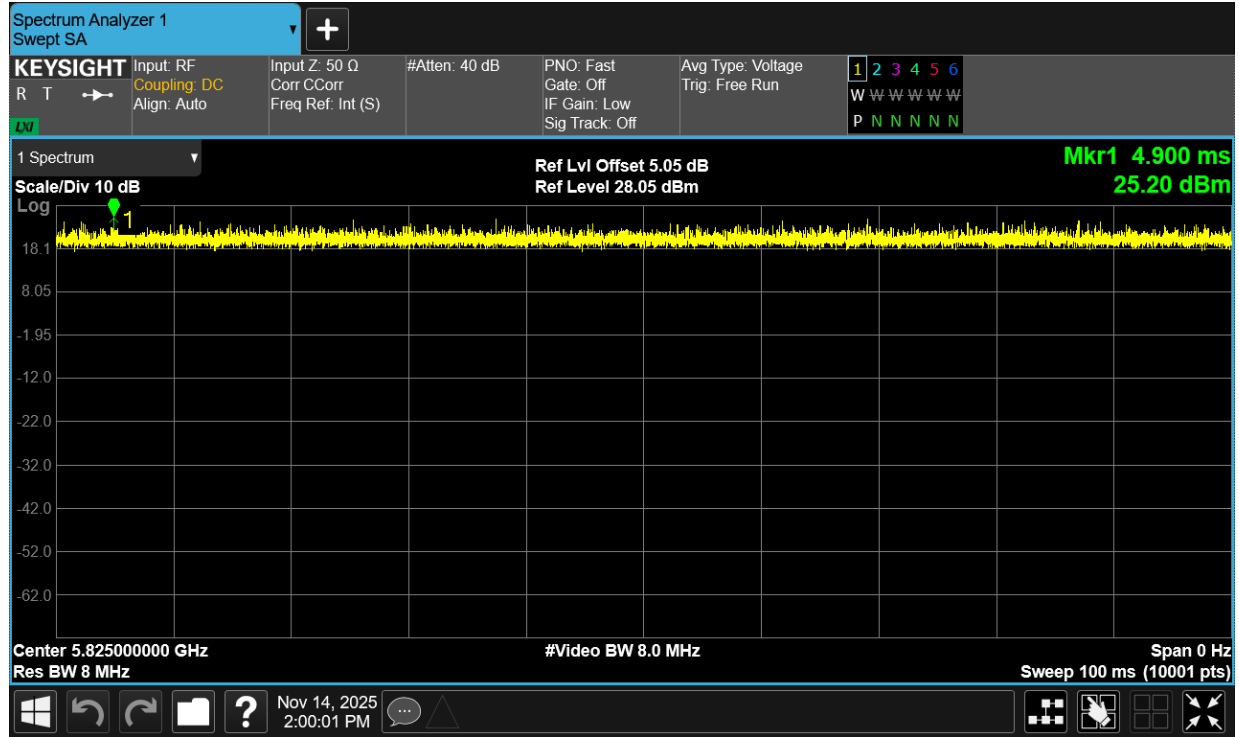




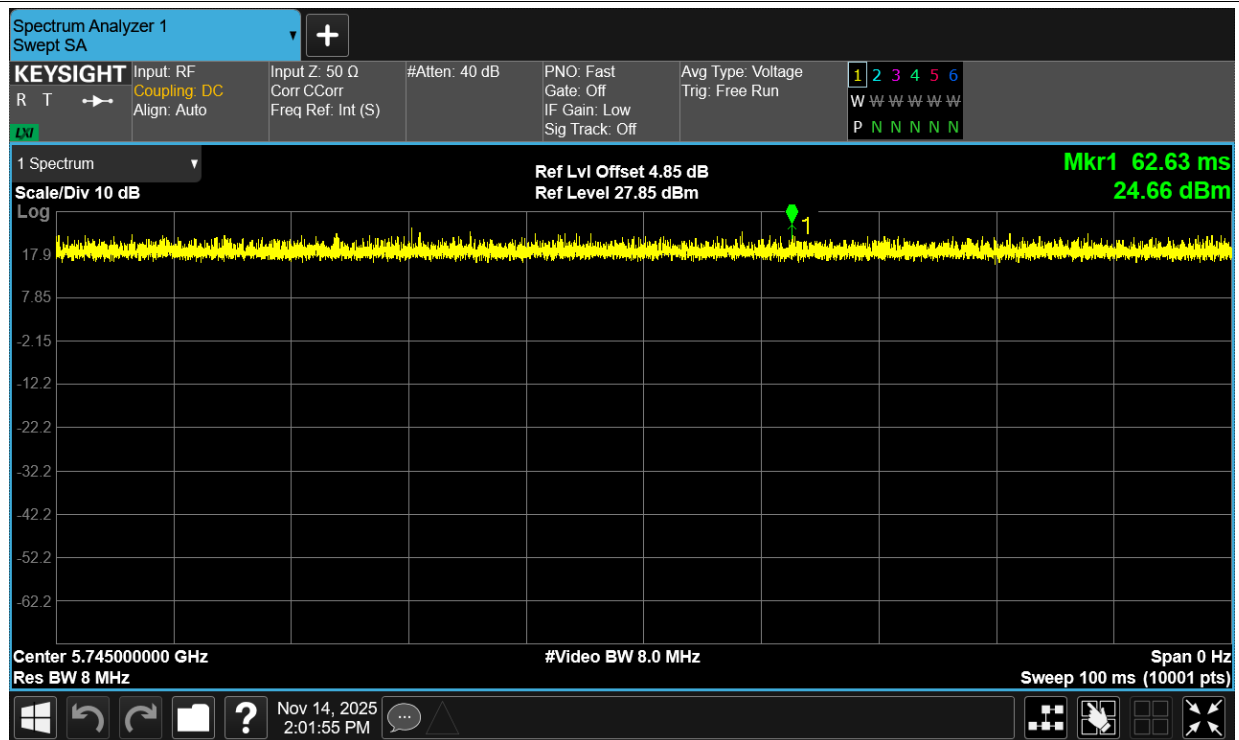
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

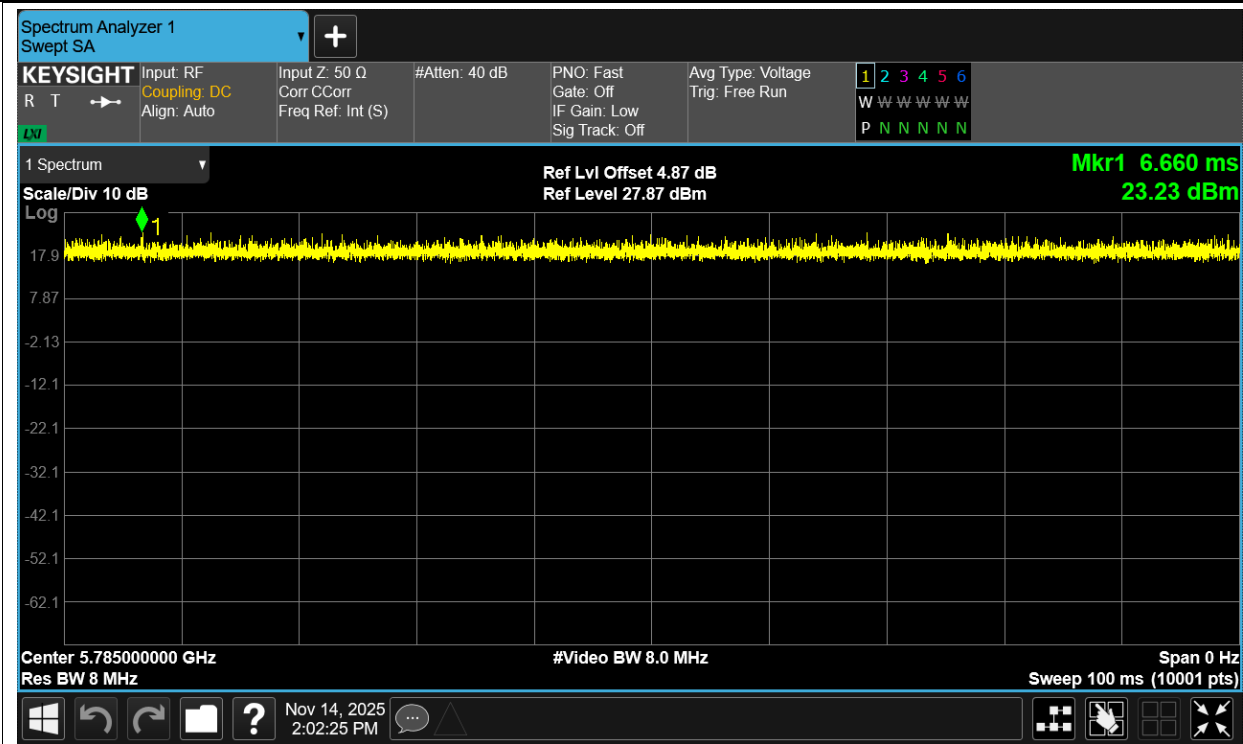




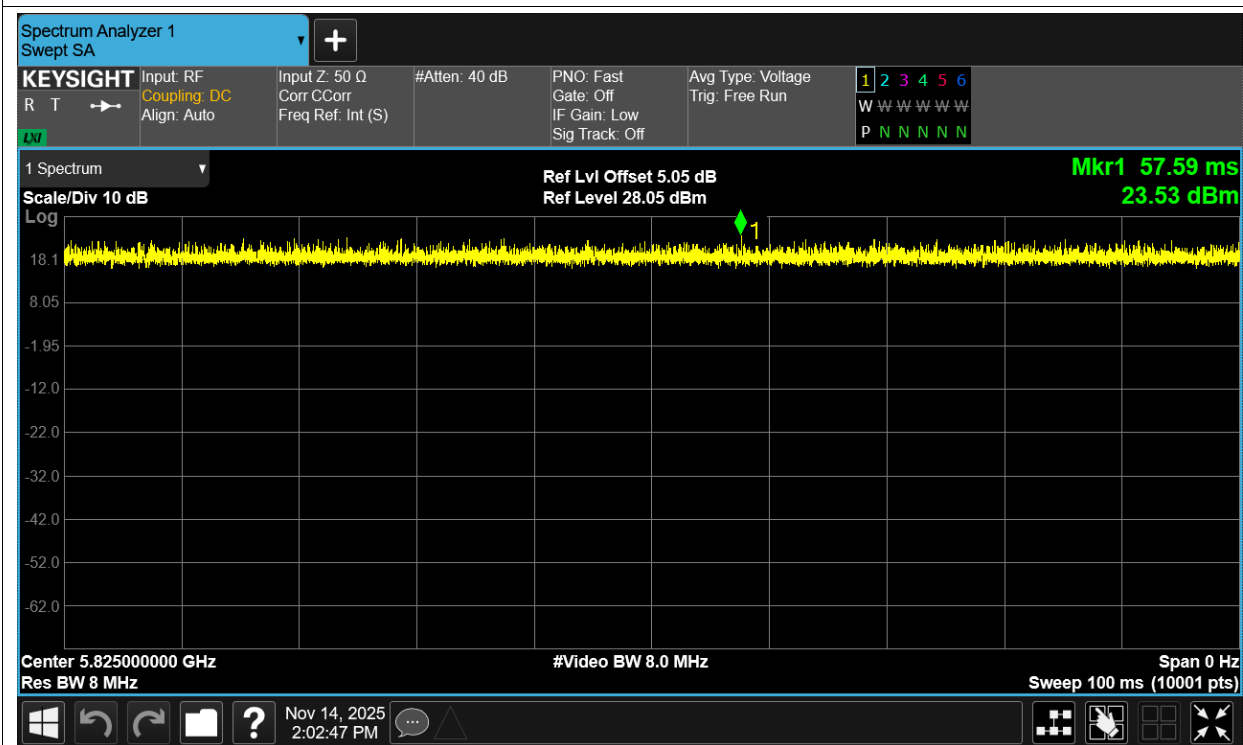
Duty Cycle NVNT ac20 5745MHz Ant1



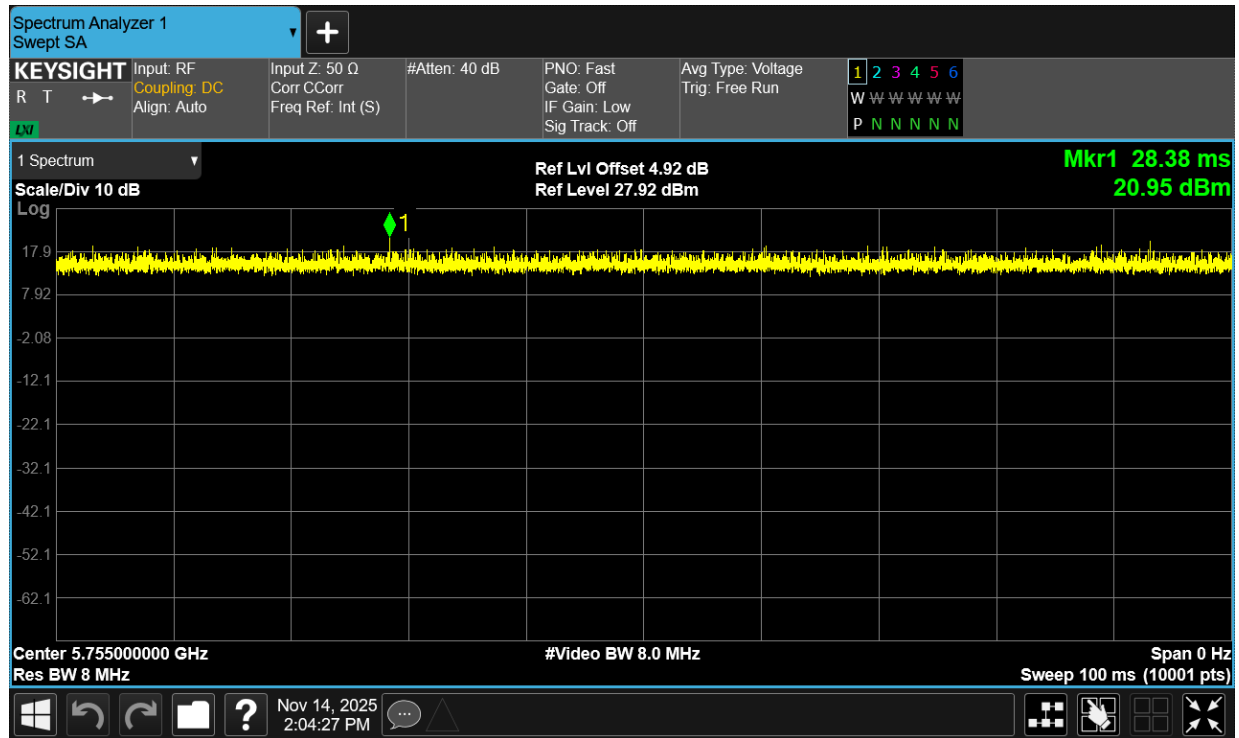
Duty Cycle NVNT ac20 5785MHz Ant1



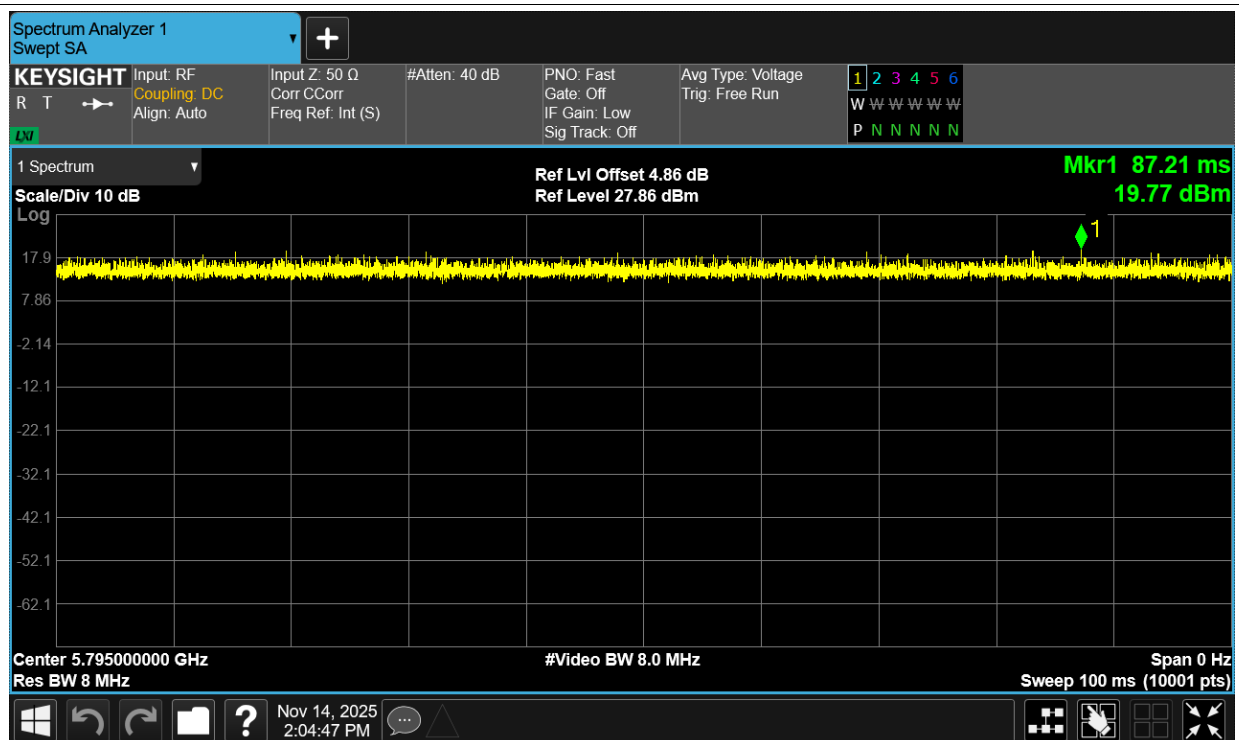
Duty Cycle NVNT ac20 5825MHz Ant1



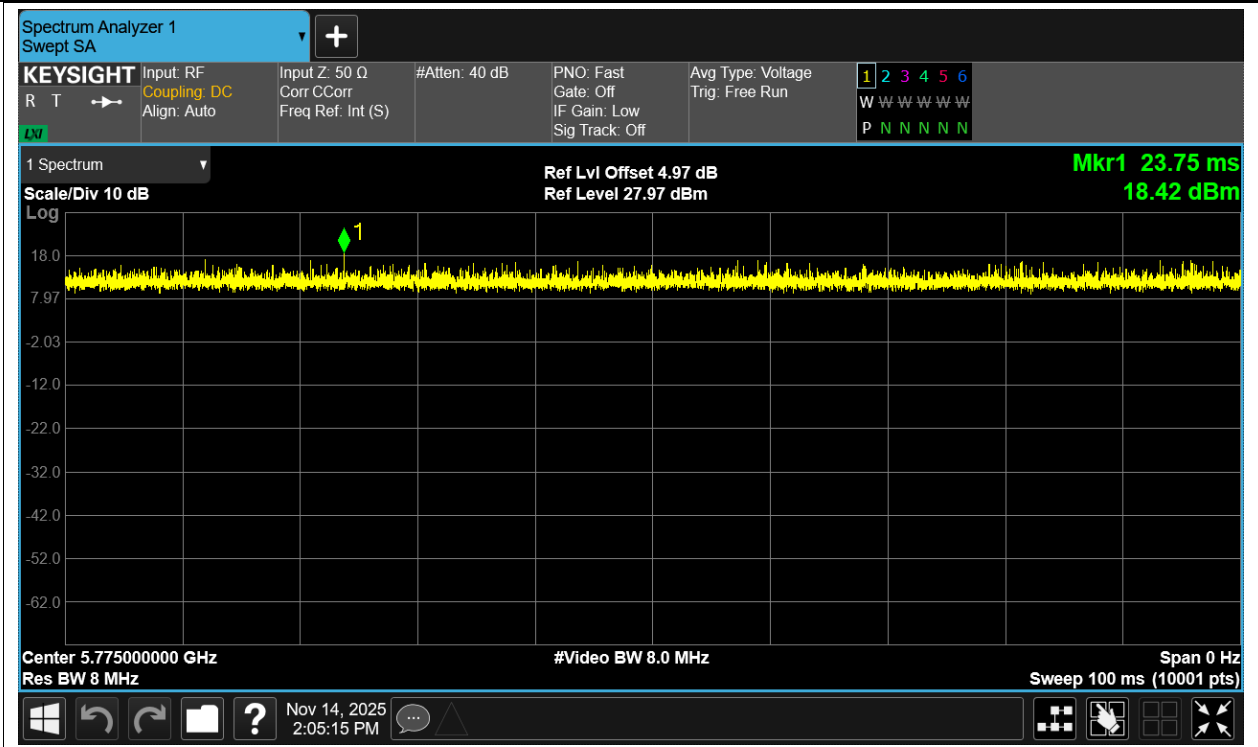
Duty Cycle NVNT ac40 5755MHz Ant1



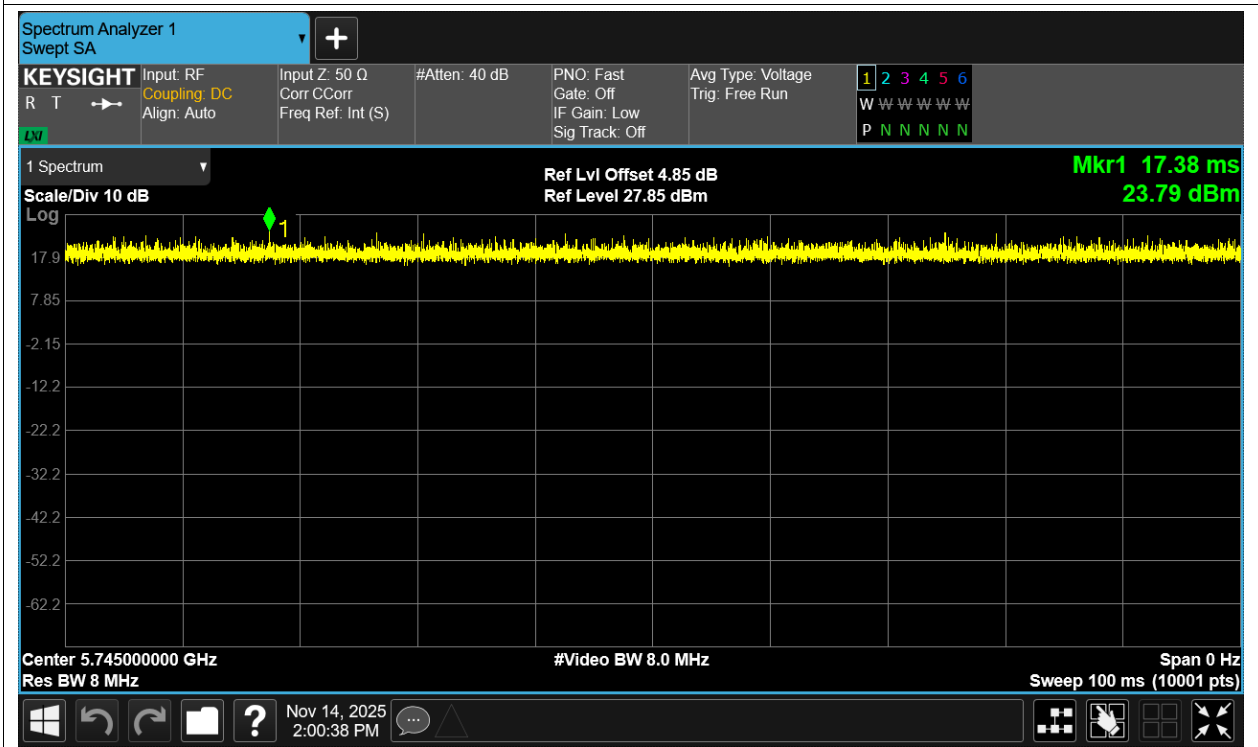
Duty Cycle NVNT ac40 5795MHz Ant1



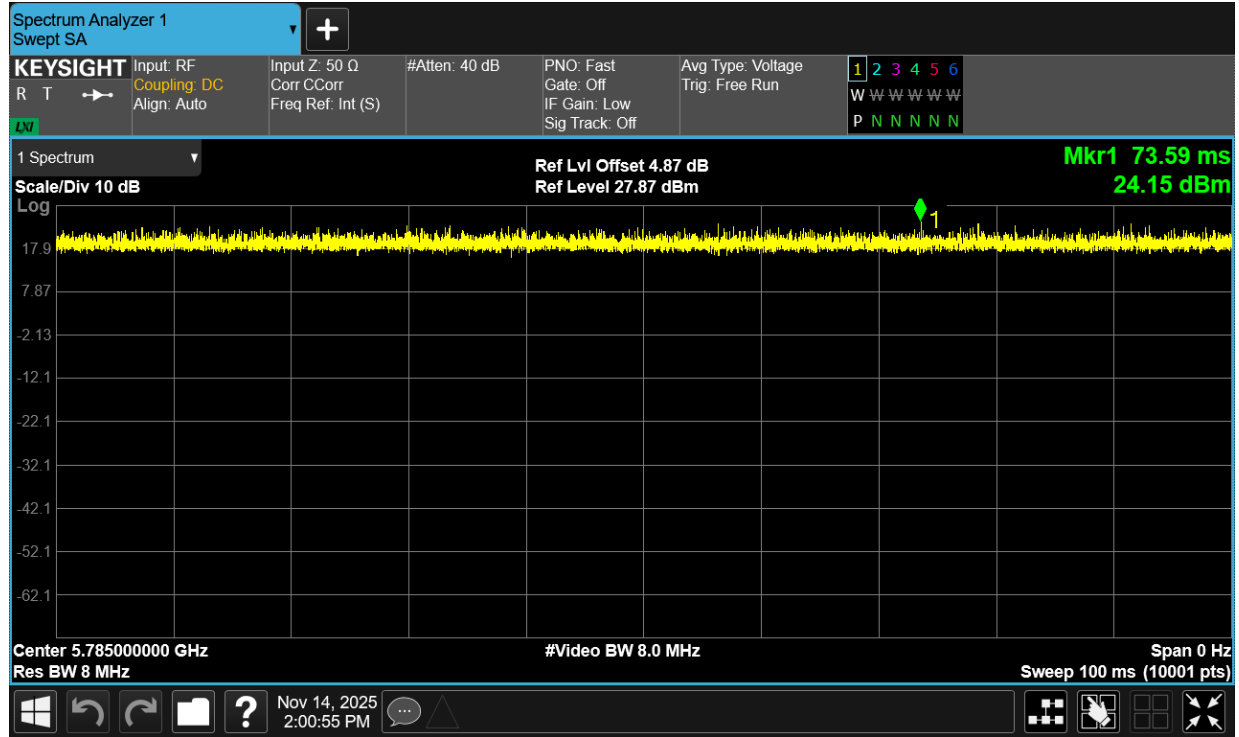
Duty Cycle NVNT ac80 5775MHz Ant1



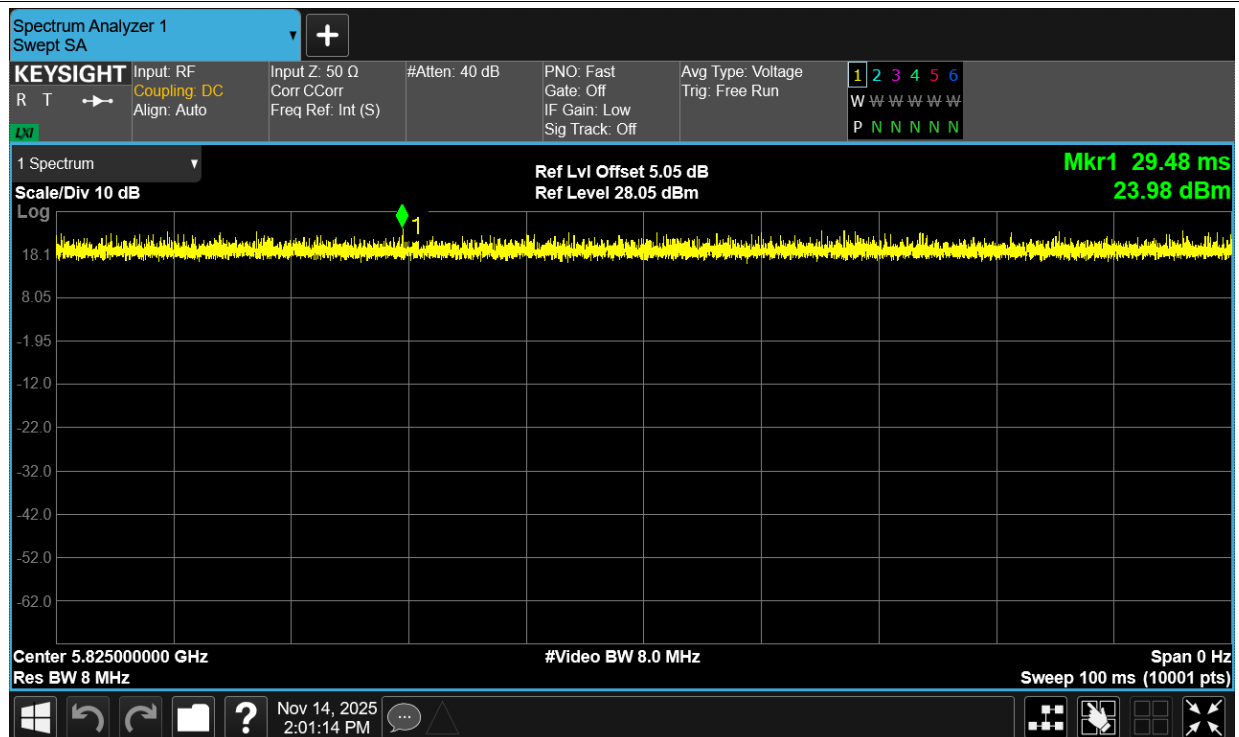
Duty Cycle NVNT n20 5745MHz Ant1



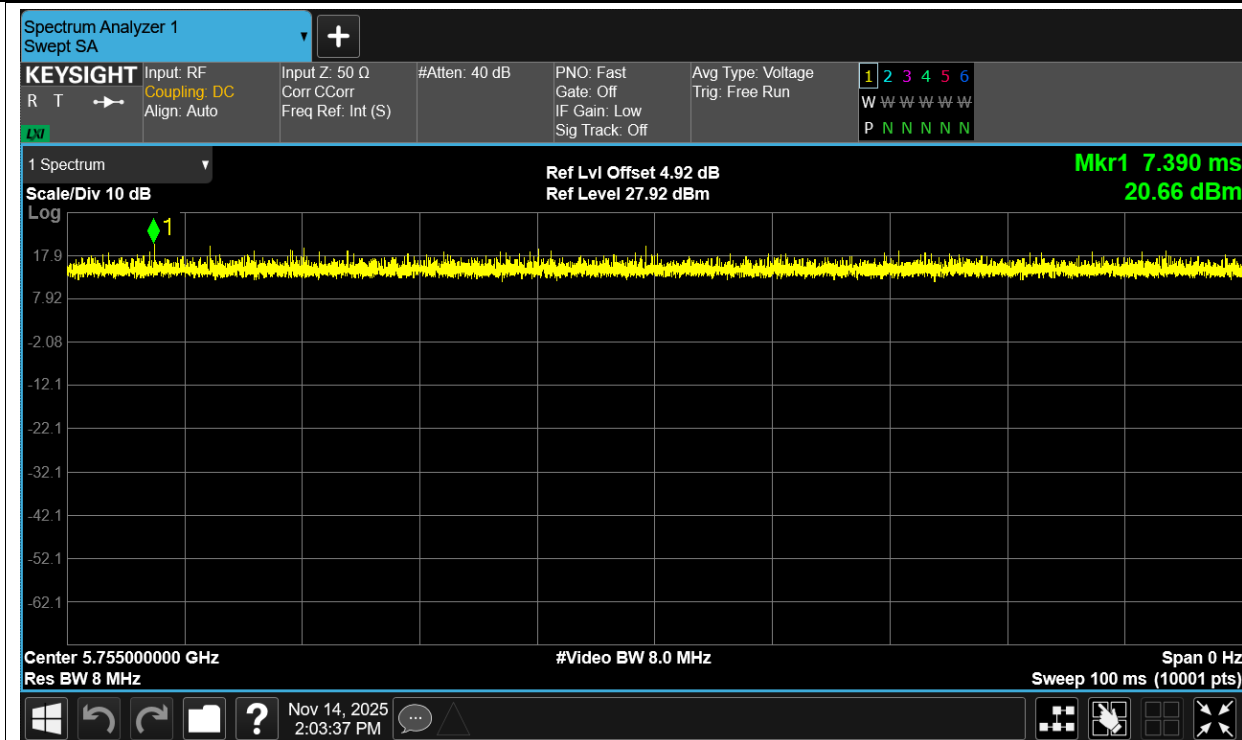
Duty Cycle NVNT n20 5785MHz Ant1



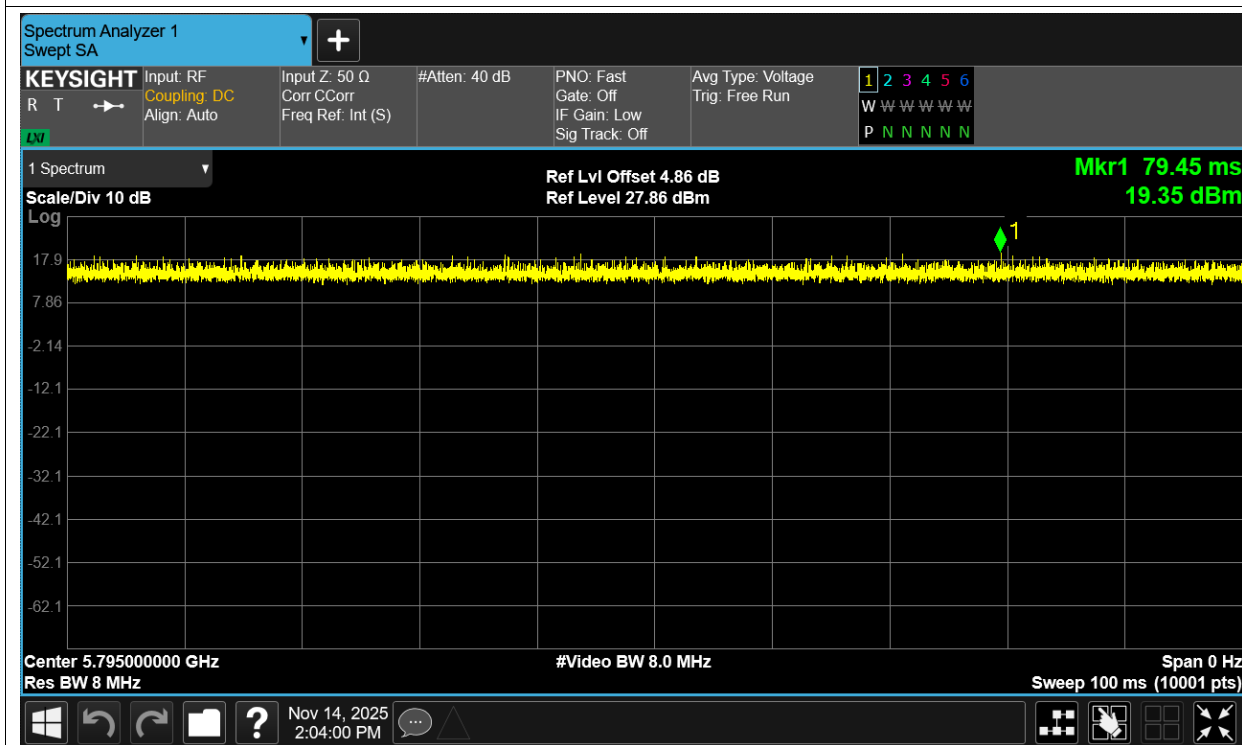
Duty Cycle NVNT n20 5825MHz Ant1



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	15.15	0	15.15	30	Pass
NVNT	a	5785	Ant1	15.4	0	15.4	30	Pass
NVNT	a	5825	Ant1	15.3	0	15.3	30	Pass
NVNT	ac20	5745	Ant1	14.16	0	14.16	30	Pass
NVNT	ac20	5785	Ant1	14.24	0	14.24	30	Pass
NVNT	ac20	5825	Ant1	14.17	0	14.17	30	Pass
NVNT	ac40	5755	Ant1	13.09	0	13.09	30	Pass
NVNT	ac40	5795	Ant1	13.36	0	13.36	30	Pass
NVNT	ac80	5775	Ant1	13.13	0	13.13	30	Pass
NVNT	n20	5745	Ant1	14.24	0	14.24	30	Pass
NVNT	n20	5785	Ant1	14.53	0	14.53	30	Pass
NVNT	n20	5825	Ant1	14.4	0	14.4	30	Pass
NVNT	n40	5755	Ant1	12.94	0	12.94	30	Pass
NVNT	n40	5795	Ant1	13.21	0	13.21	30	Pass



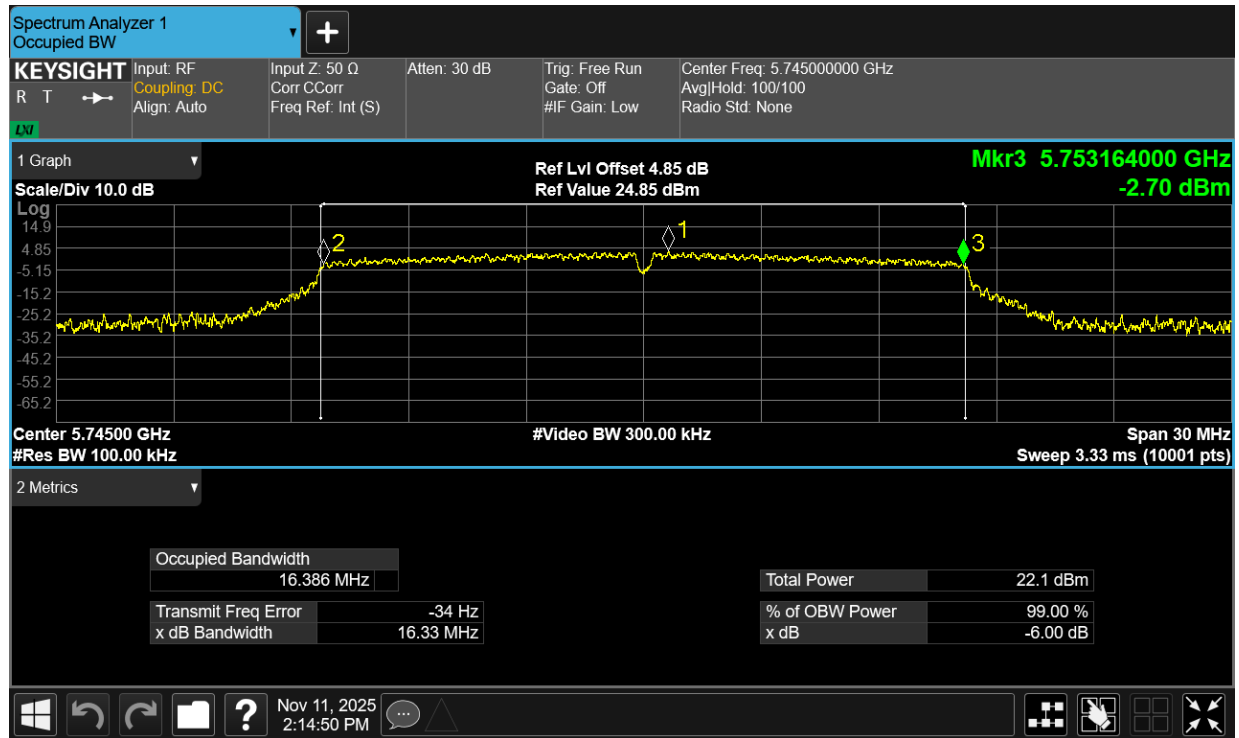
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit(MHz)	Verdic
NVNT	a	5745	Ant1	16.327	0.5	Pass
NVNT	a	5785	Ant1	16.331	0.5	Pass
NVNT	a	5825	Ant1	16.343	0.5	Pass
NVNT	ac20	5745	Ant1	17.578	0.5	Pass
NVNT	ac20	5785	Ant1	17.57	0.5	Pass
NVNT	ac20	5825	Ant1	17.6	0.5	Pass
NVNT	ac40	5755	Ant1	36.319	0.5	Pass
NVNT	ac40	5795	Ant1	36.301	0.5	Pass
NVNT	ac80	5775	Ant1	76.077	0.5	Pass
NVNT	n20	5745	Ant1	17.564	0.5	Pass
NVNT	n20	5785	Ant1	17.584	0.5	Pass
NVNT	n20	5825	Ant1	17.584	0.5	Pass
NVNT	n40	5755	Ant1	36.321	0.5	Pass
NVNT	n40	5795	Ant1	36.299	0.5	Pass

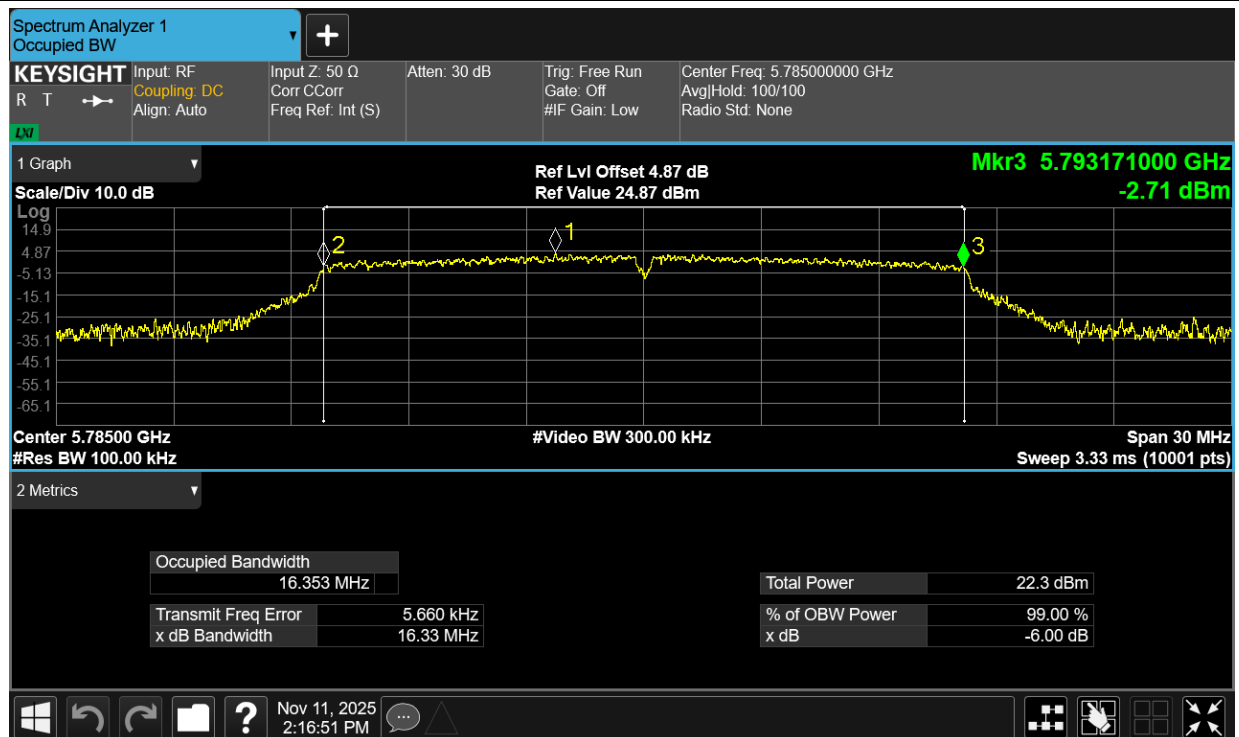


Test Graphs

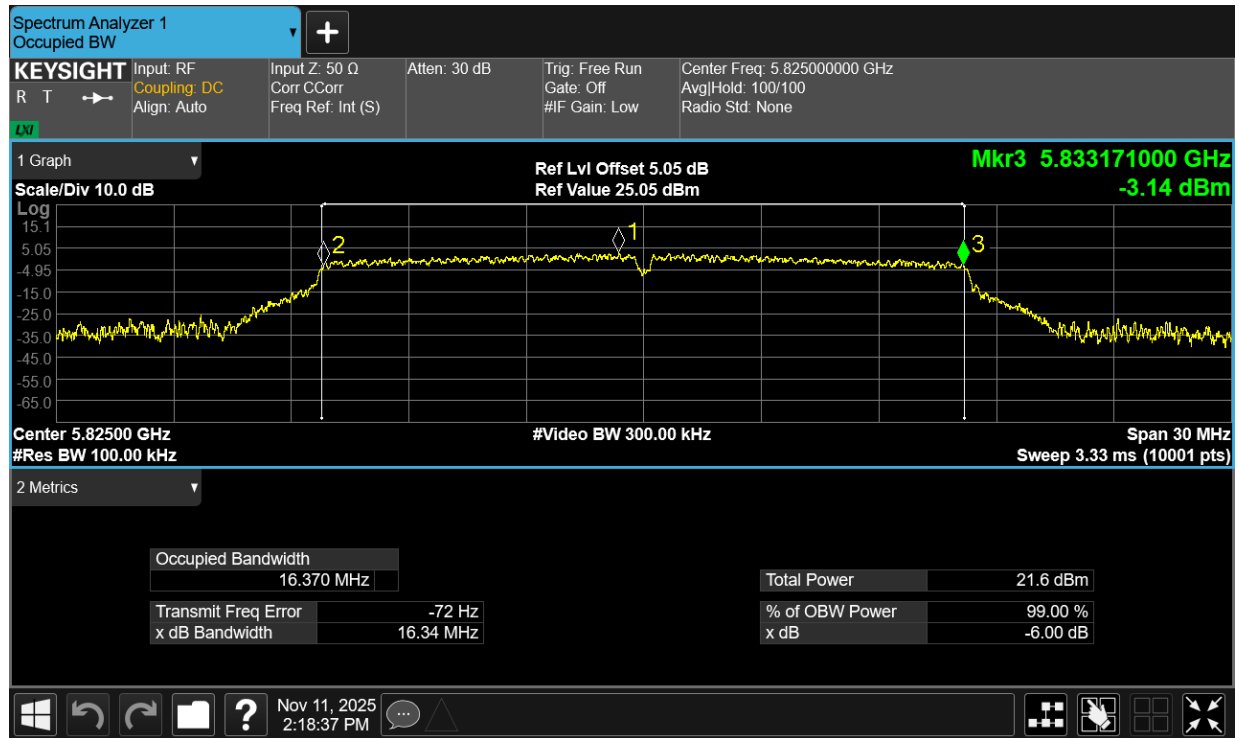
-6dB Bandwidth NVNT a 5745MHz Ant1



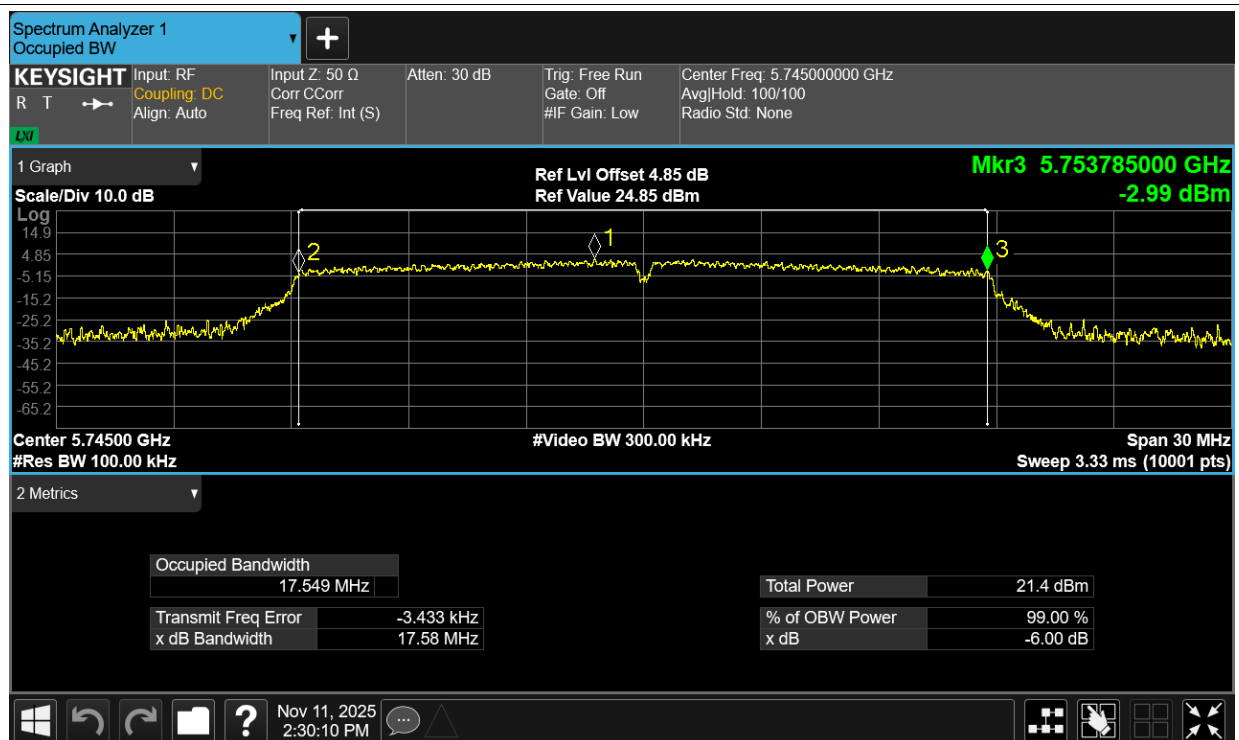
-6dB Bandwidth NVNT a 5785MHz Ant1



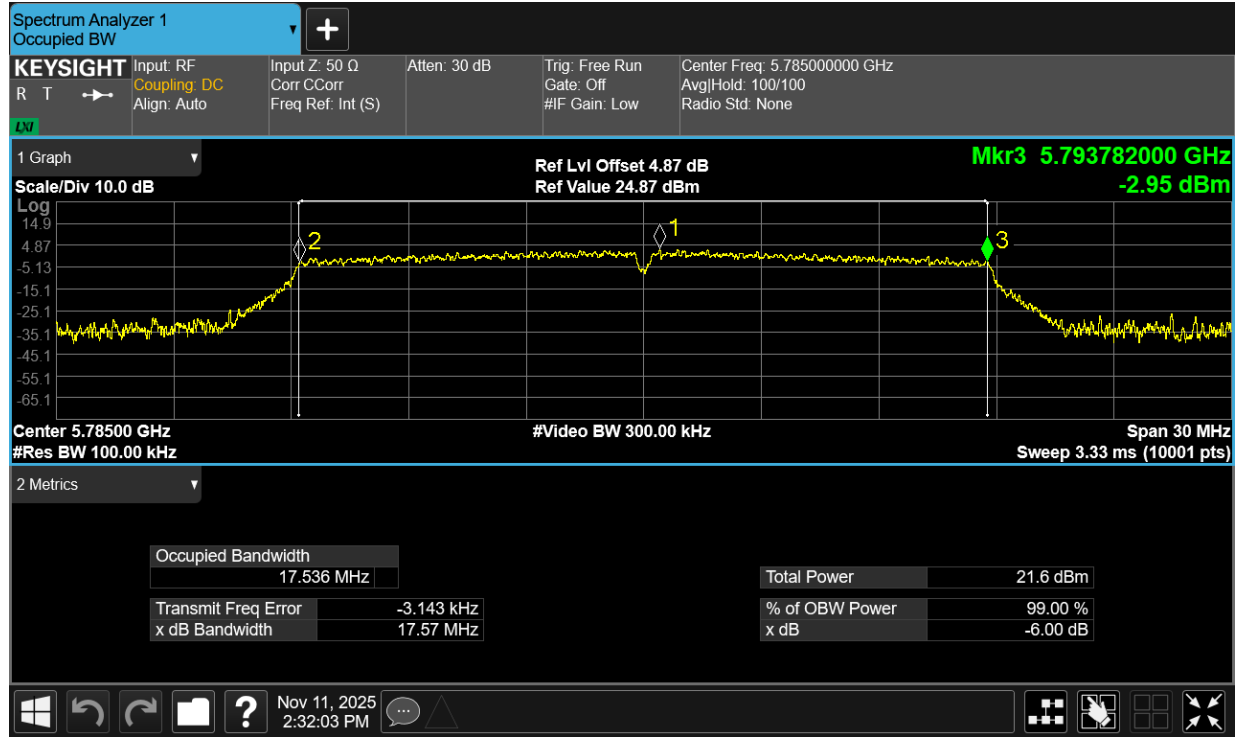
-6dB Bandwidth NVNT a 5825MHz Ant1



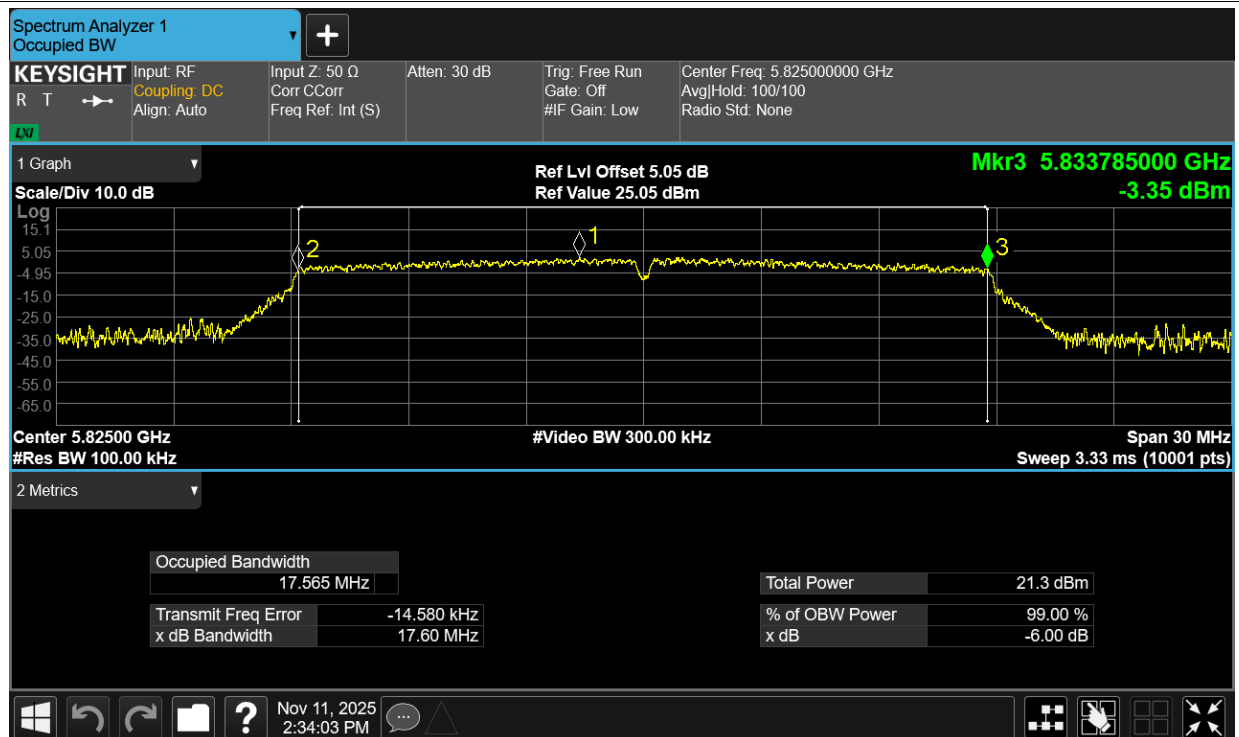
-6dB Bandwidth NVNT ac20 5745MHz Ant1



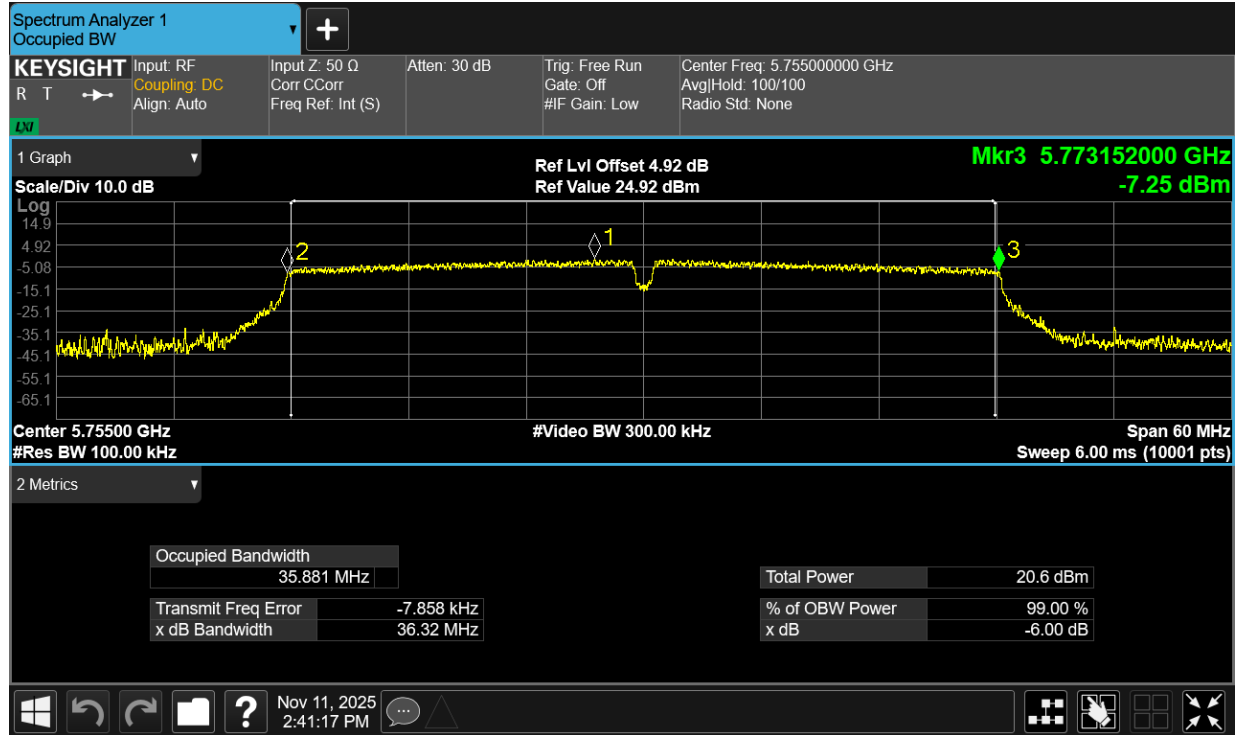
-6dB Bandwidth NVNT ac20 5785MHz Ant1



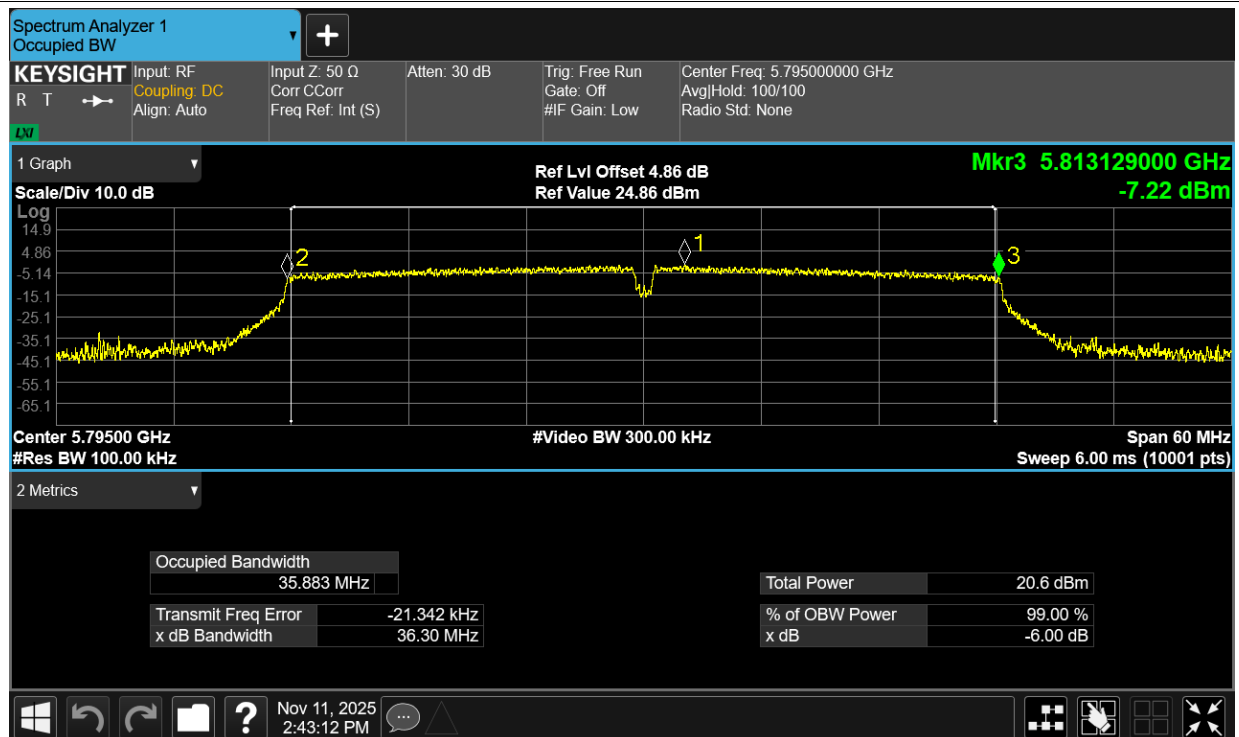
-6dB Bandwidth NVNT ac20 5825MHz Ant1



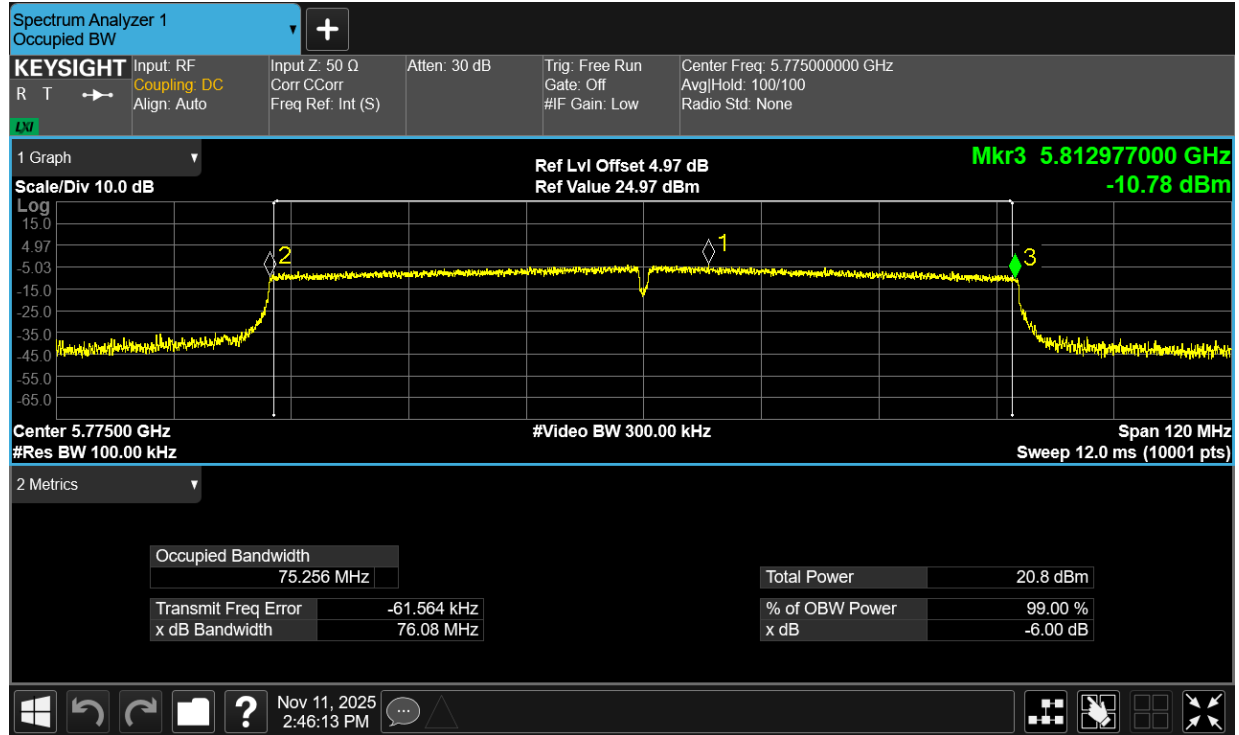
-6dB Bandwidth NVNT ac40 5755MHz Ant1



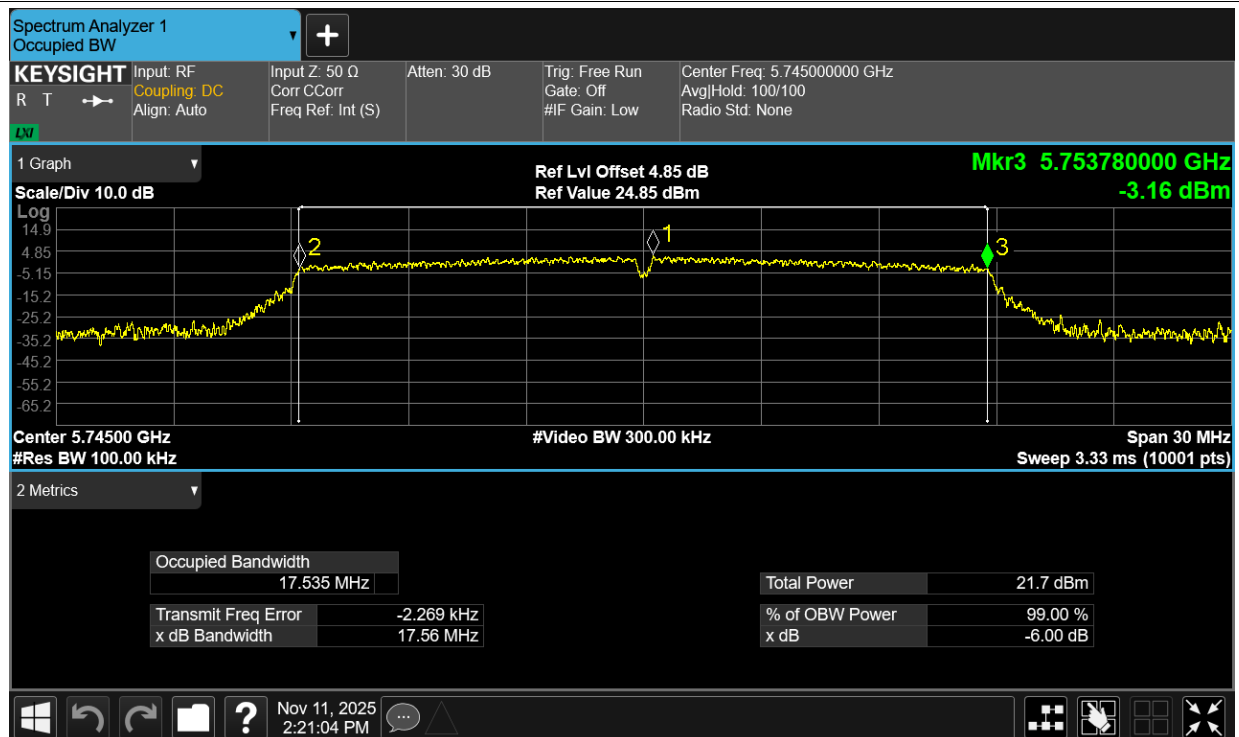
-6dB Bandwidth NVNT ac40 5795MHz Ant1



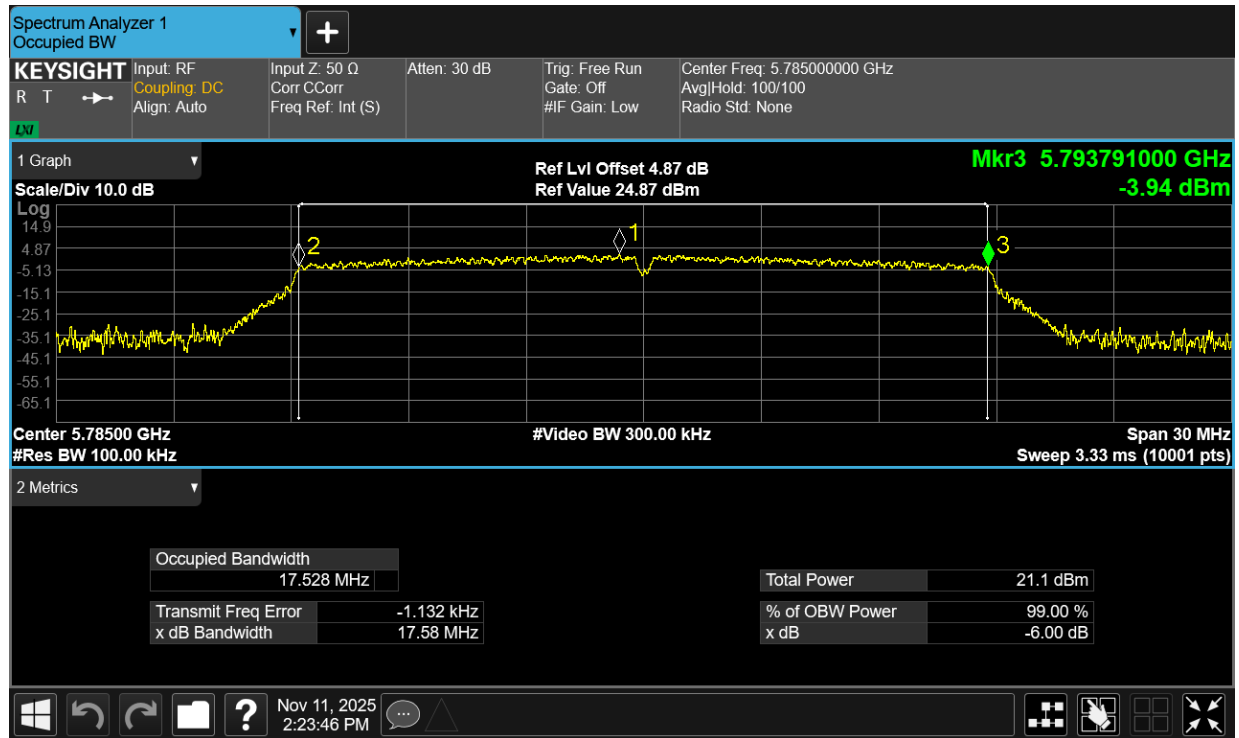
-6dB Bandwidth NVNT ac80 5775MHz Ant1



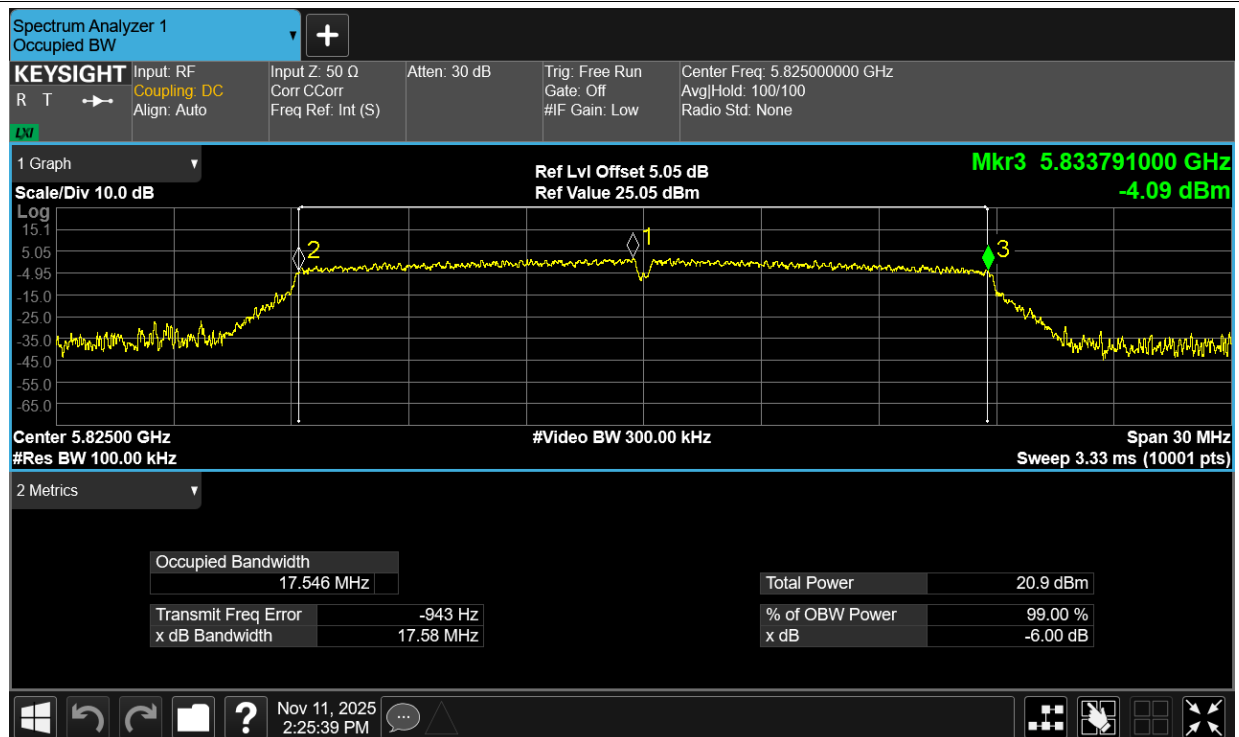
-6dB Bandwidth NVNT n20 5745MHz Ant1



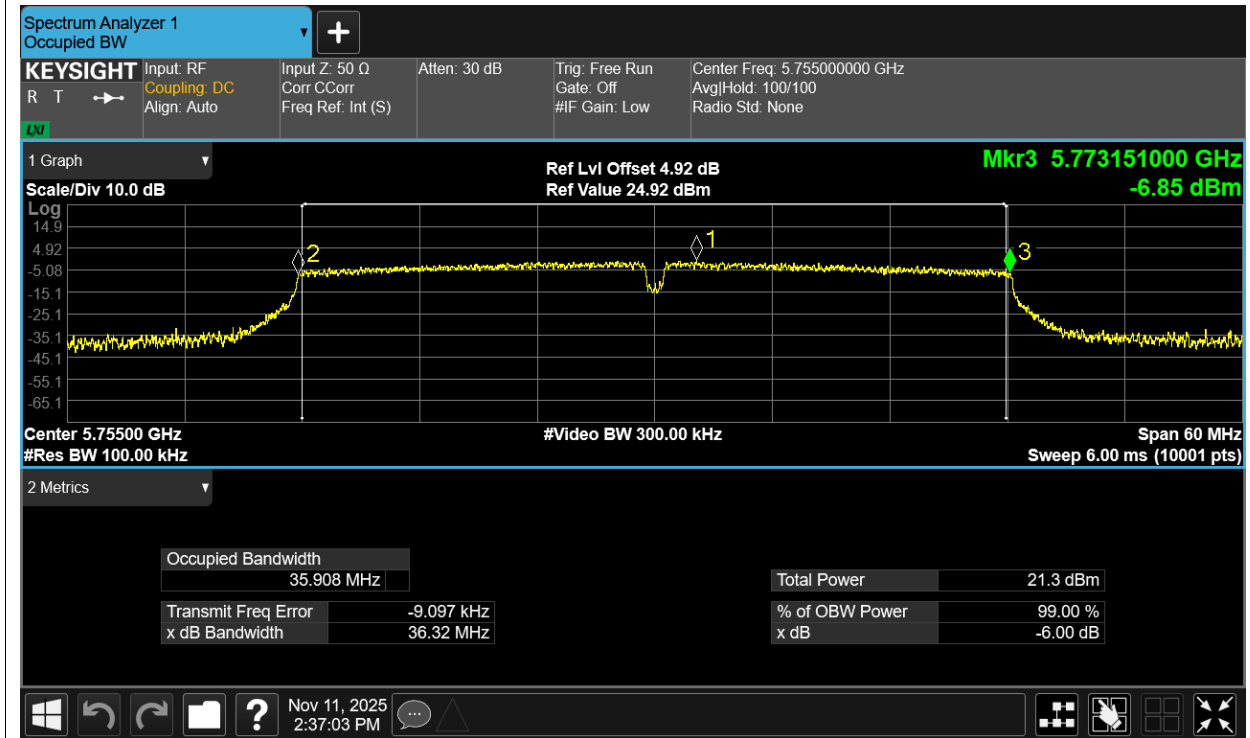
-6dB Bandwidth NVNT n20 5785MHz Ant1



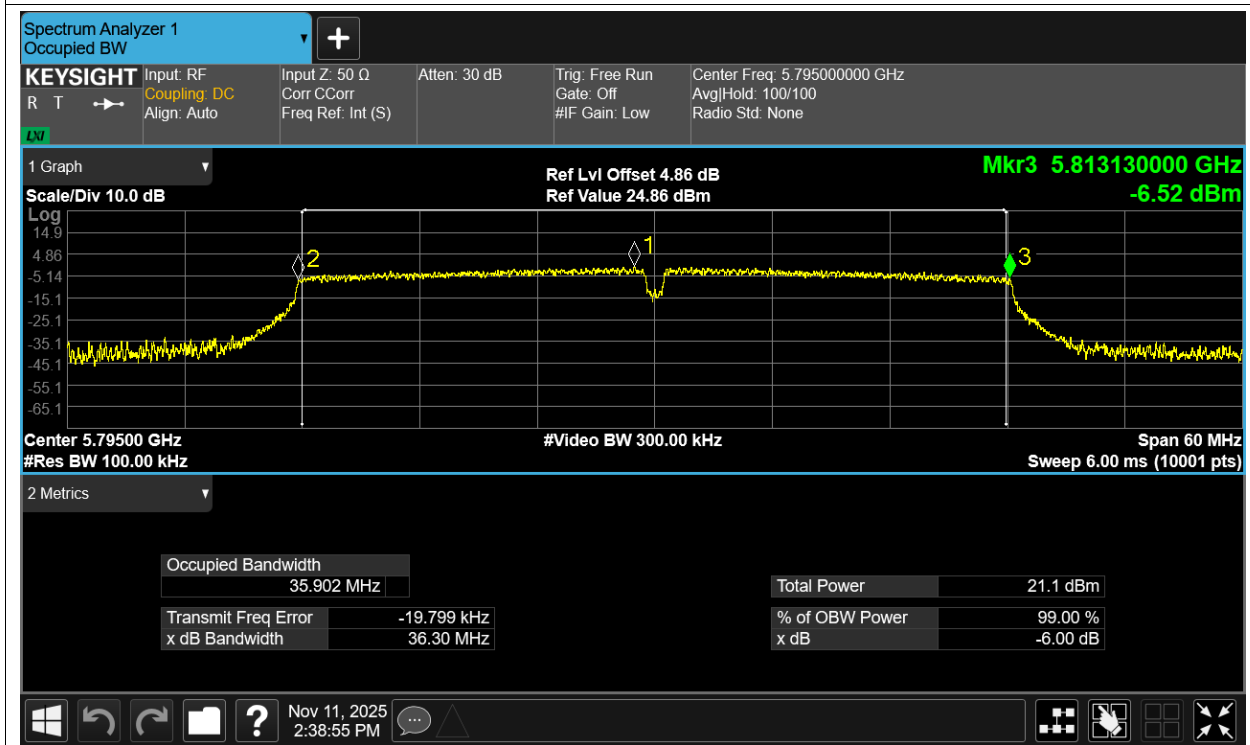
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1





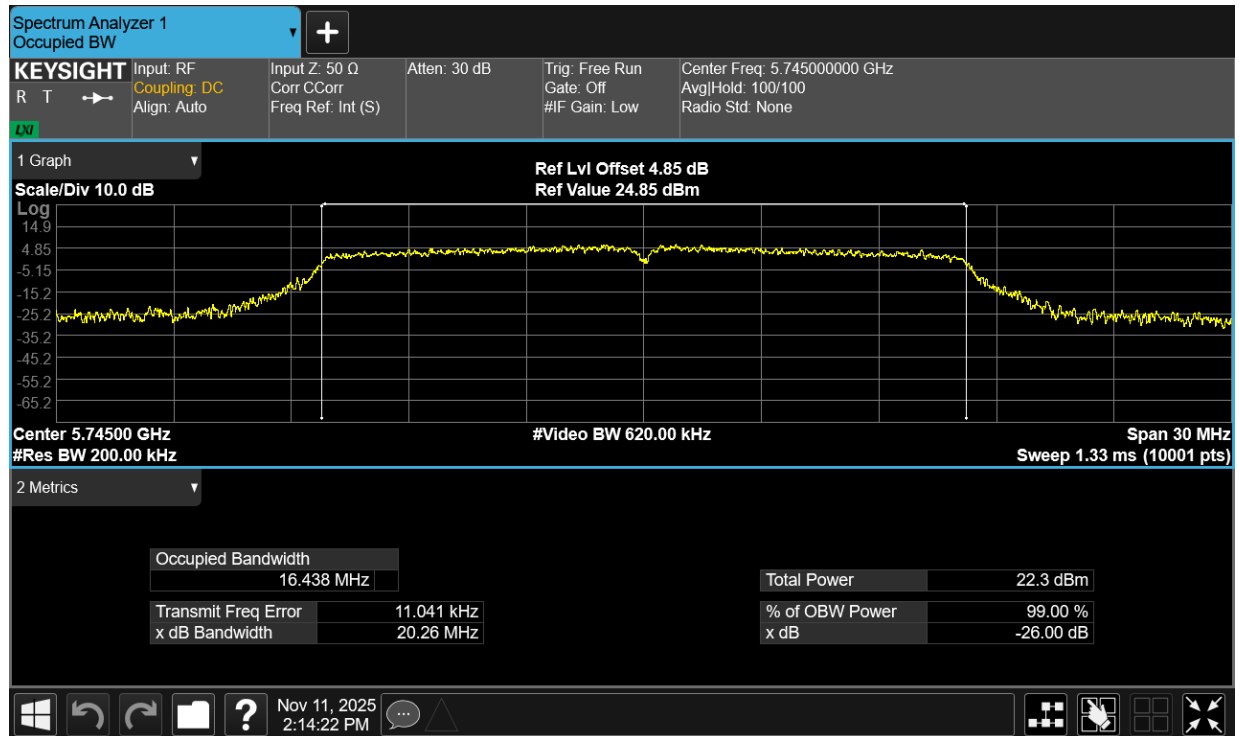
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.438
NVNT	a	5785	Ant1	16.418
NVNT	a	5825	Ant1	16.423
NVNT	ac20	5745	Ant1	17.564
NVNT	ac20	5785	Ant1	17.567
NVNT	ac20	5825	Ant1	17.58
NVNT	ac40	5755	Ant1	36.002
NVNT	ac40	5795	Ant1	35.974
NVNT	ac80	5775	Ant1	75.22
NVNT	n20	5745	Ant1	17.568
NVNT	n20	5785	Ant1	17.55
NVNT	n20	5825	Ant1	17.572
NVNT	n40	5755	Ant1	36.048
NVNT	n40	5795	Ant1	35.991

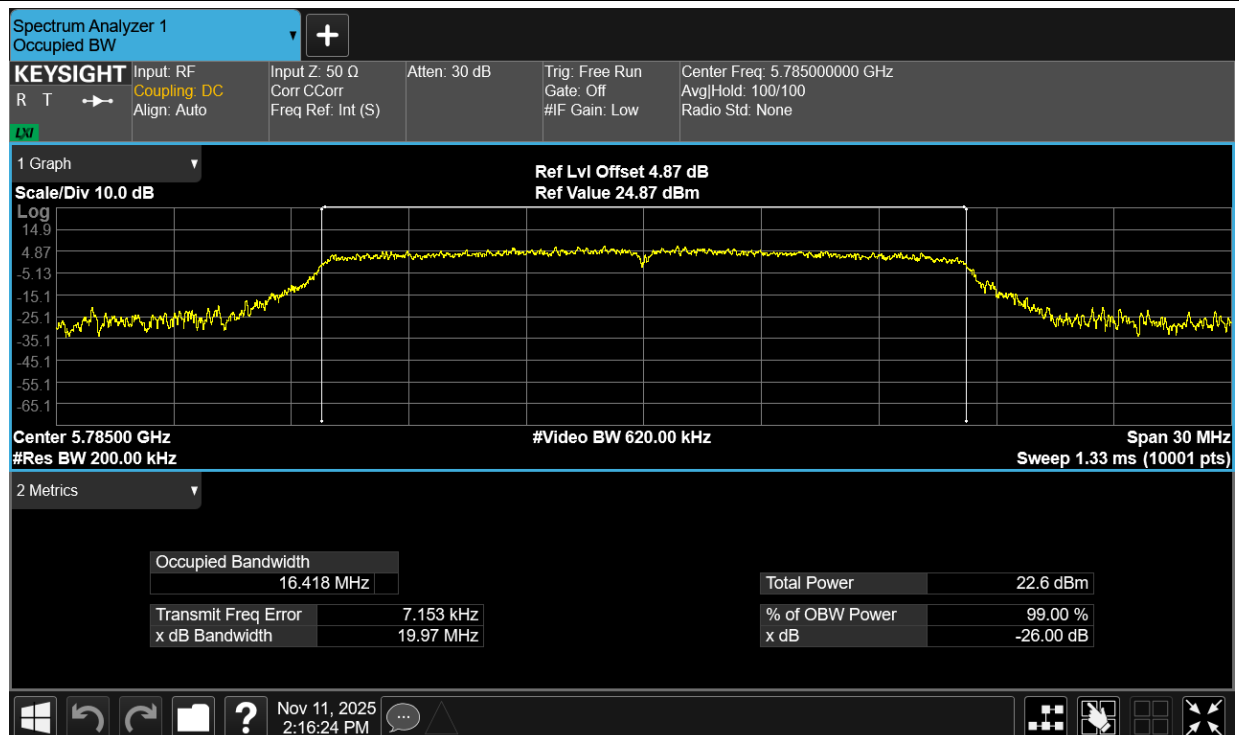


Test Graphs

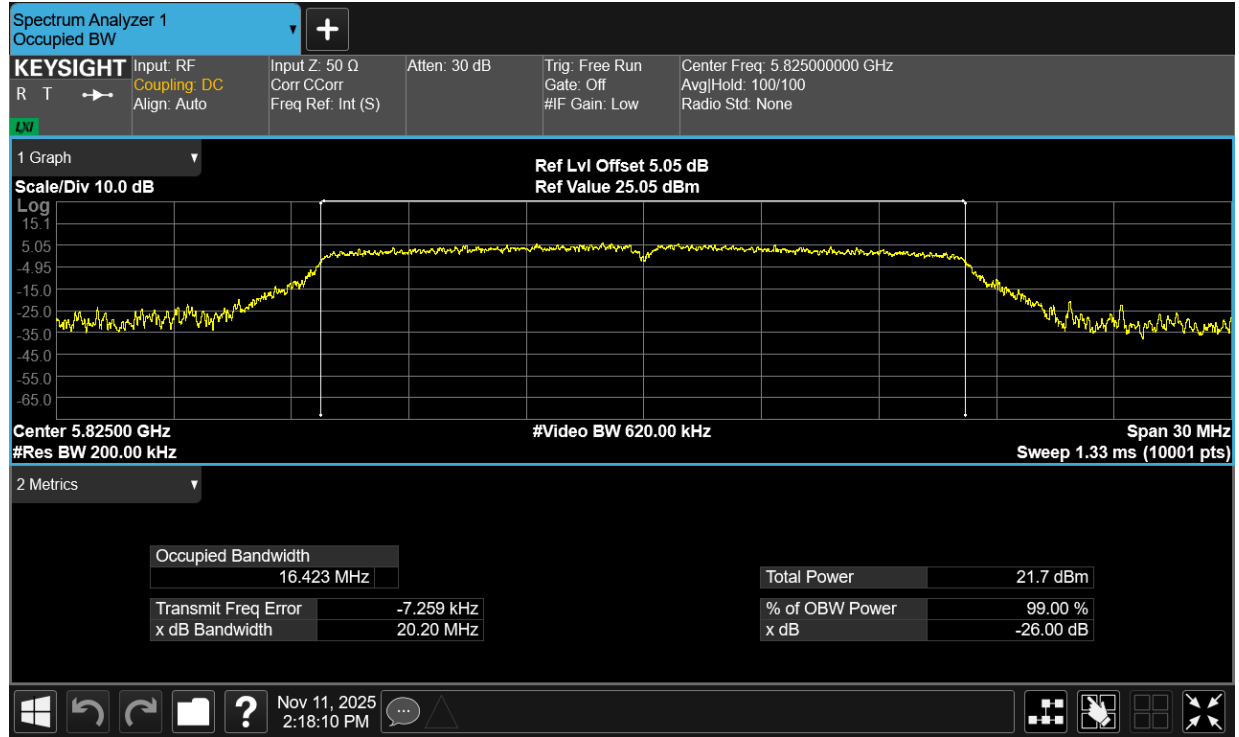
OBW NVNT a 5745MHz Ant1



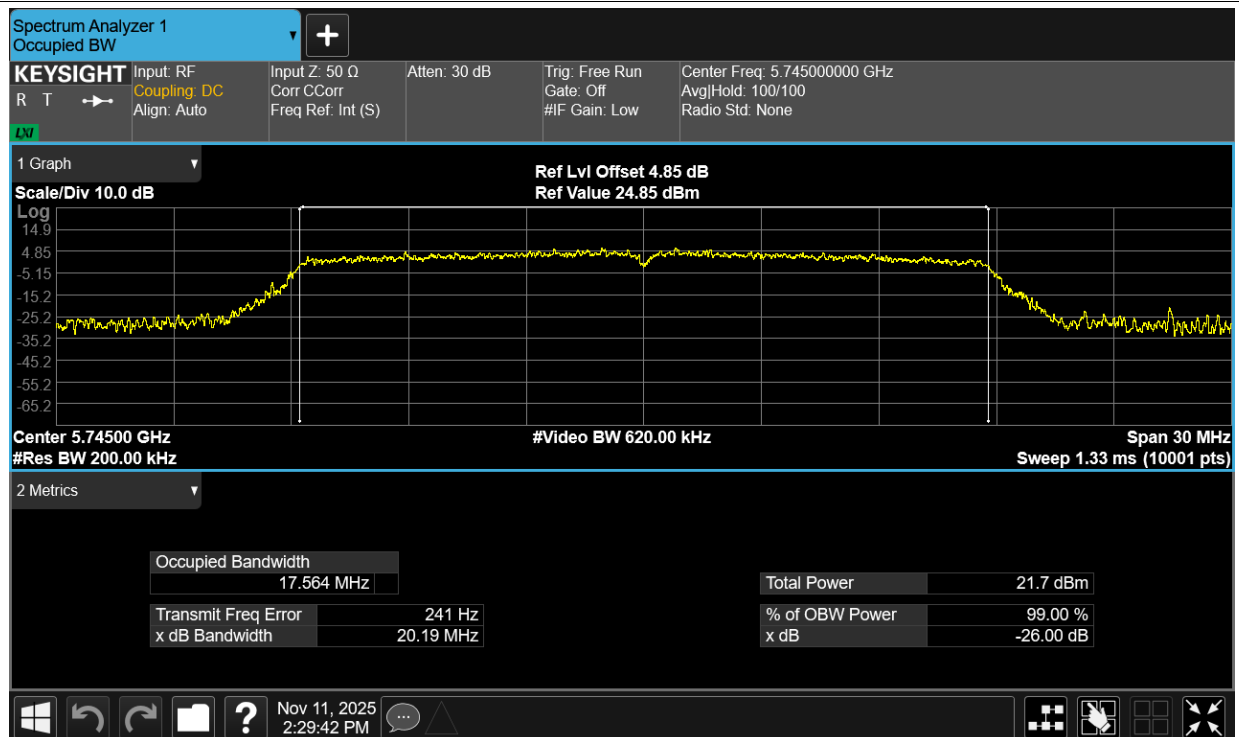
OBW NVNT a 5785MHz Ant1



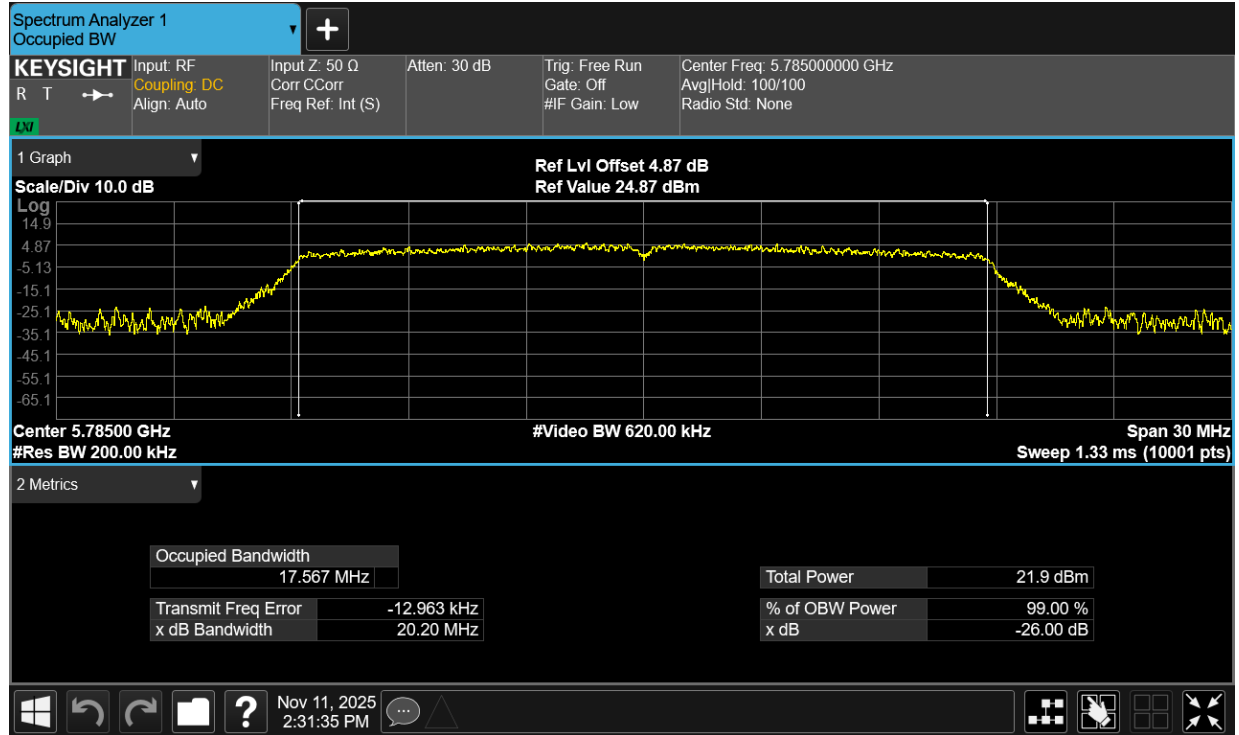
OBW NVNT a 5825MHz Ant1



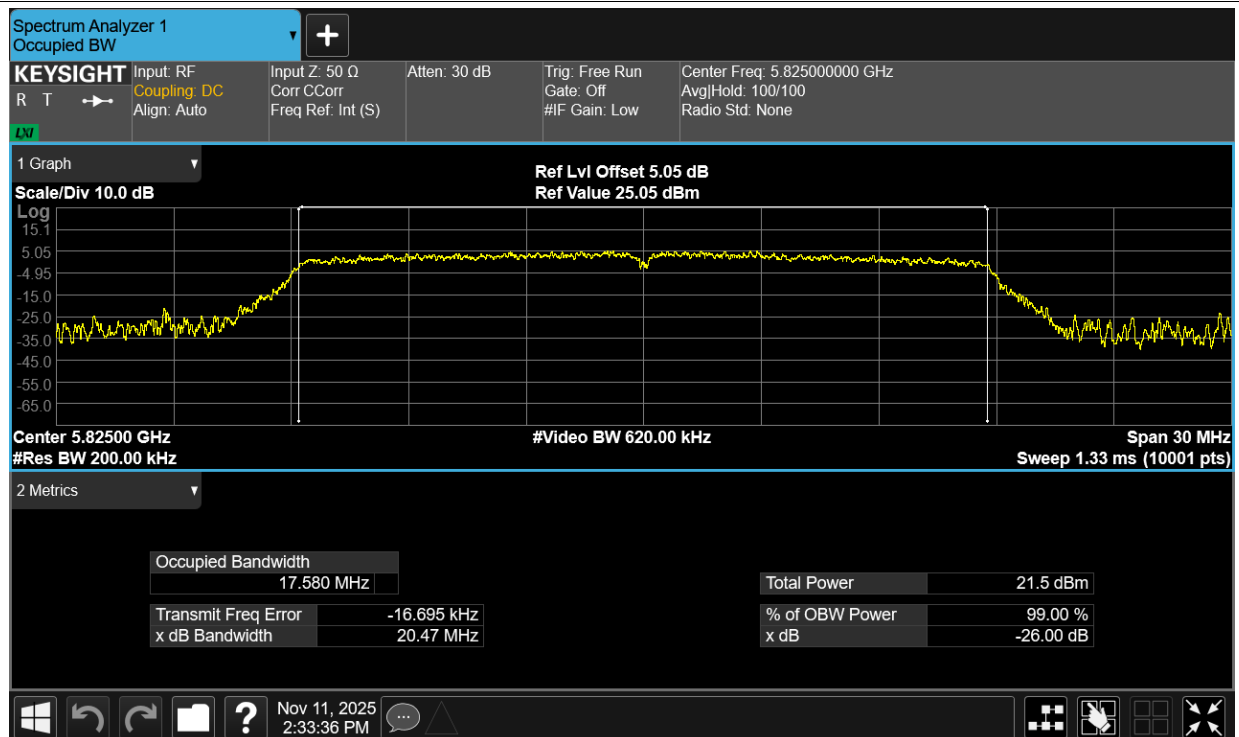
OBW NVNT ac20 5745MHz Ant1



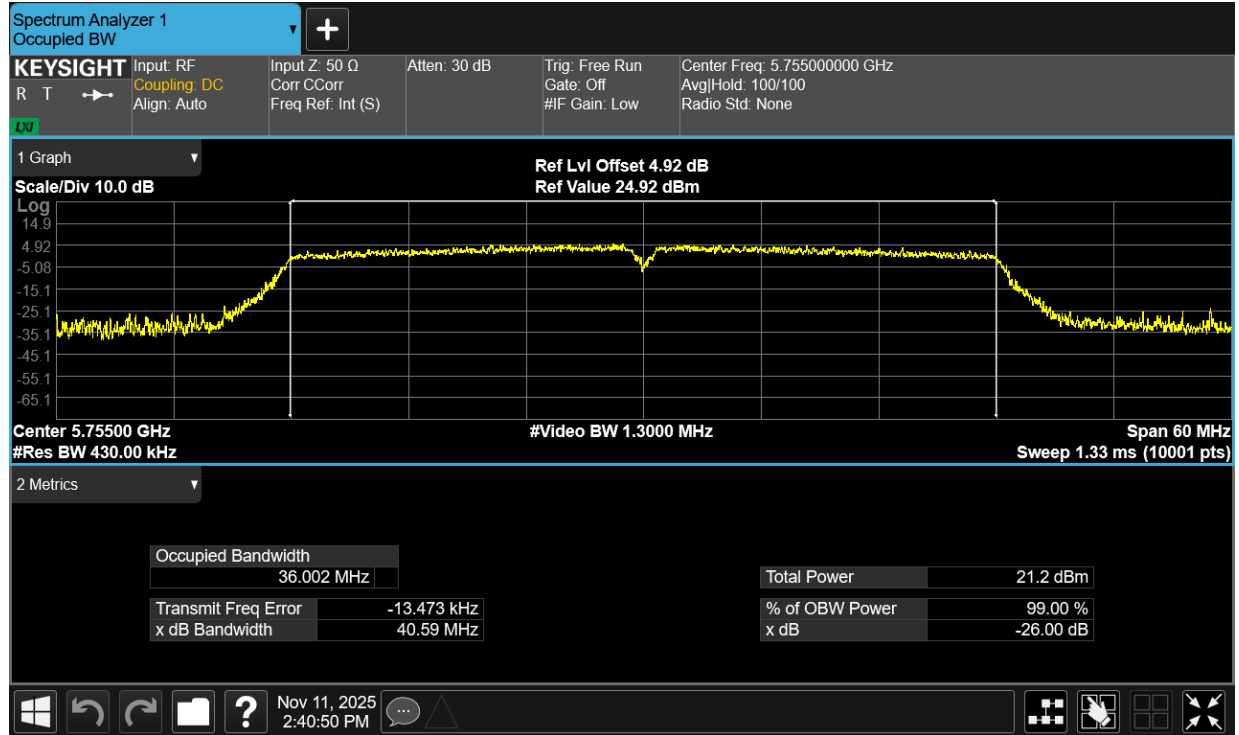
OBW NVNT ac20 5785MHz Ant1



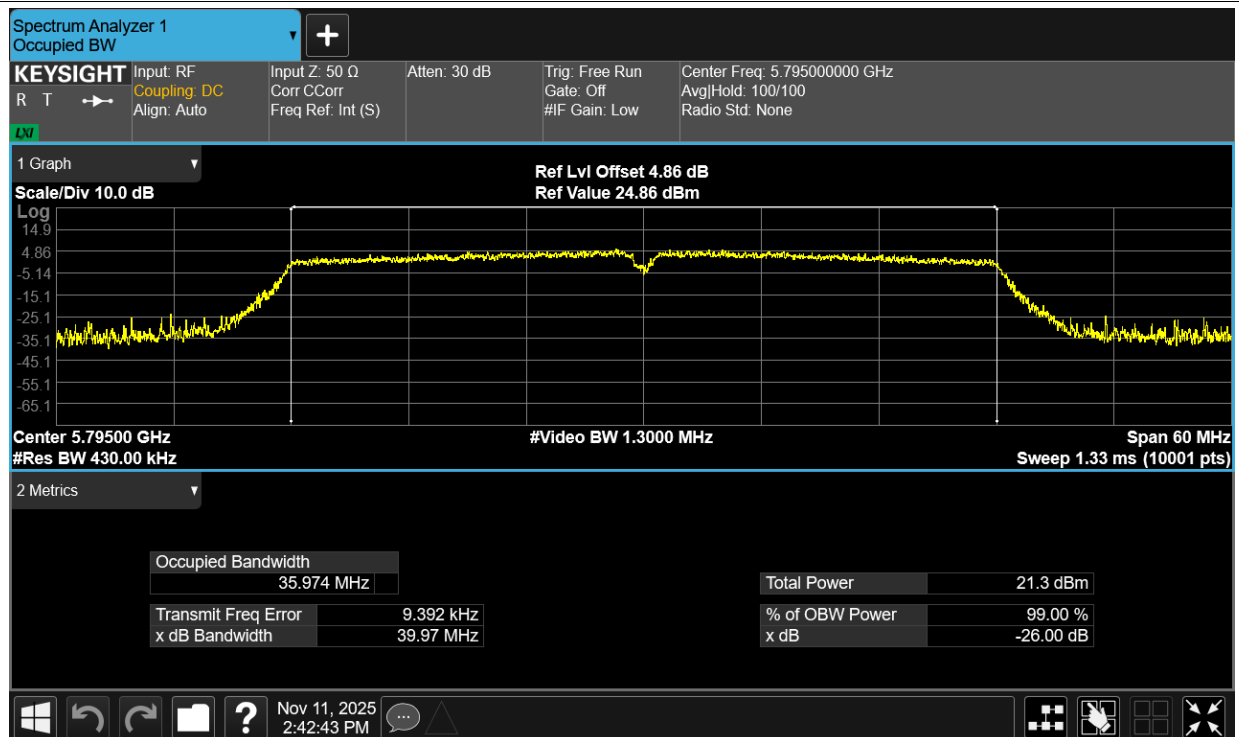
OBW NVNT ac20 5825MHz Ant1



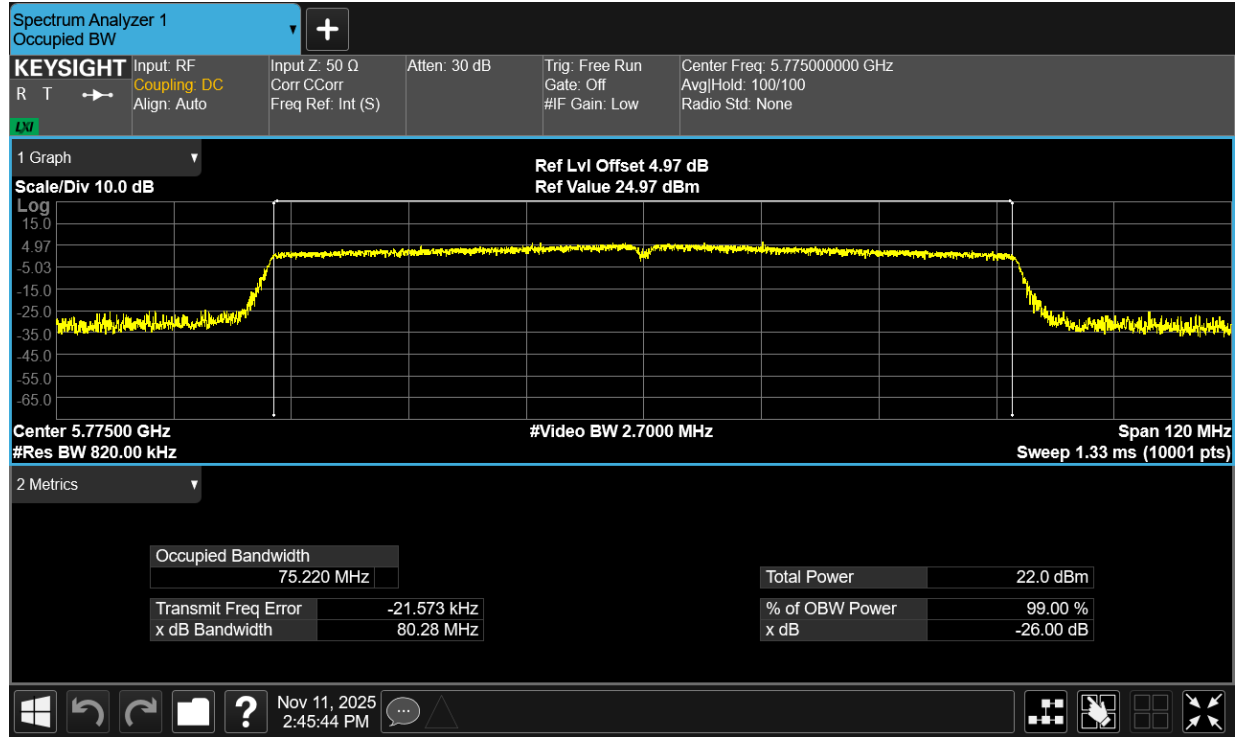
OBW NVNT ac40 5755MHz Ant1



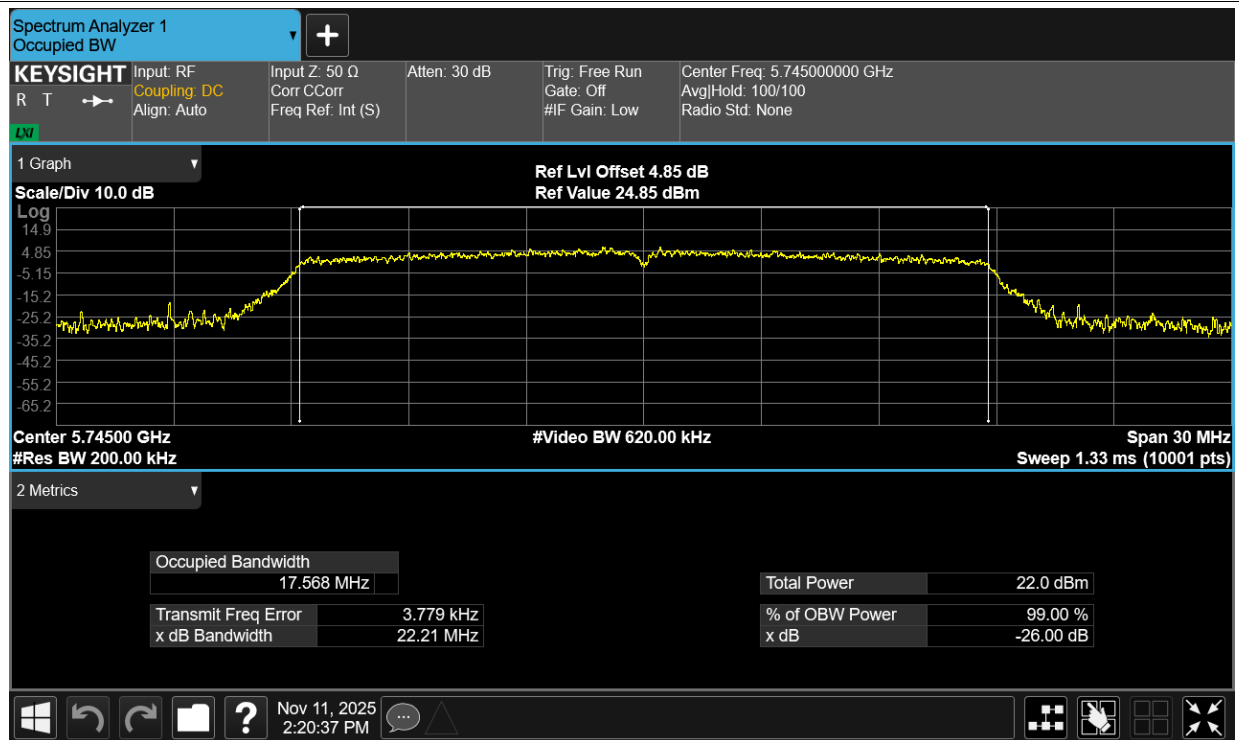
OBW NVNT ac40 5795MHz Ant1



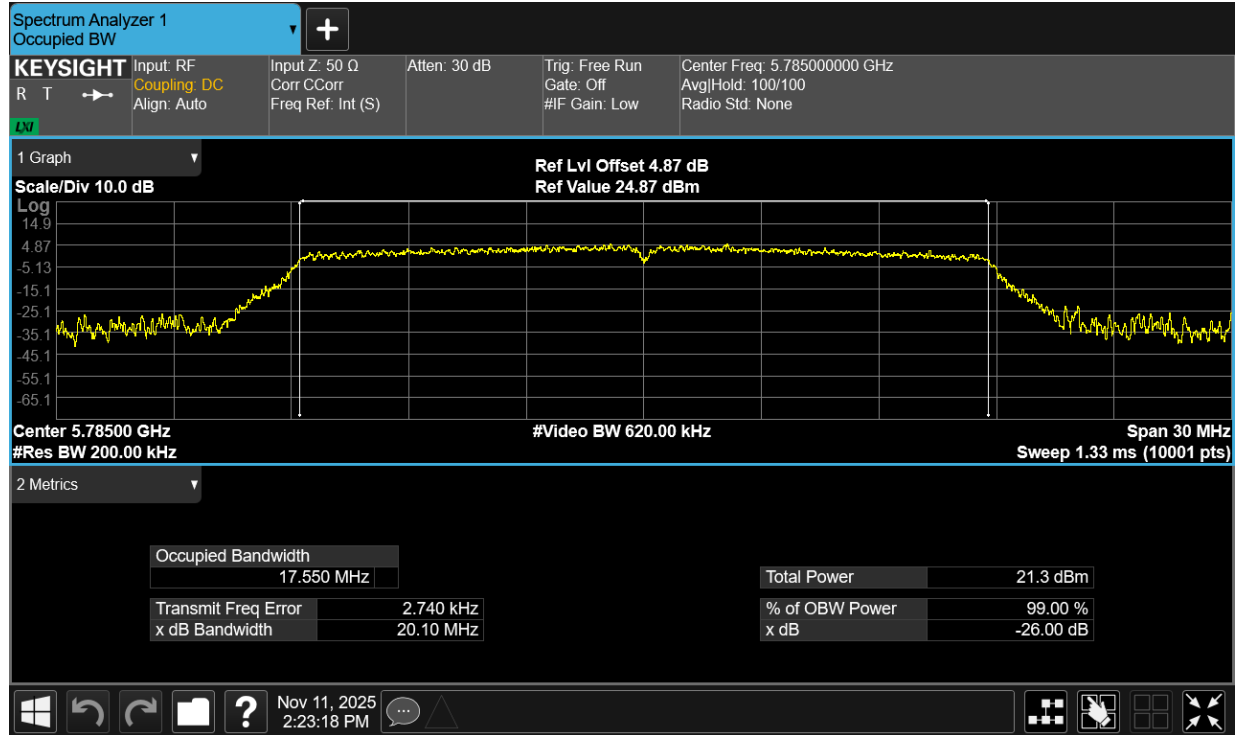
OBW NVNT ac80 5775MHz Ant1



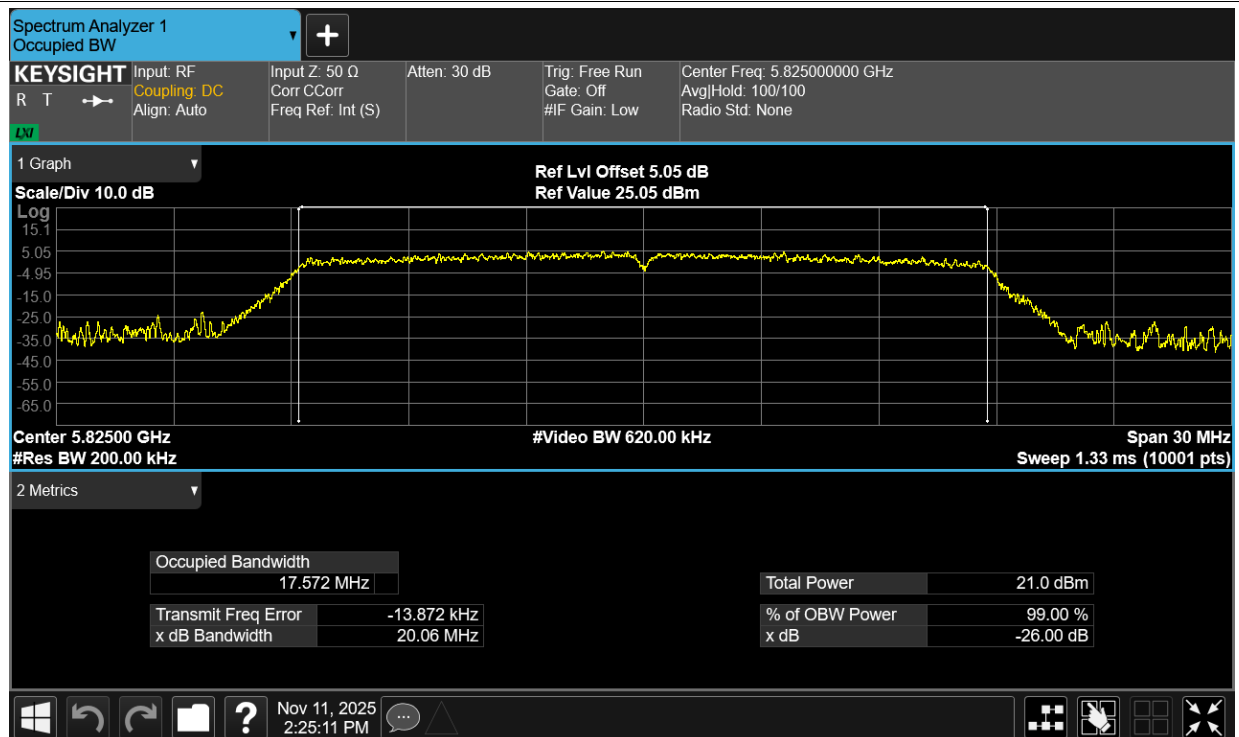
OBW NVNT n20 5745MHz Ant1



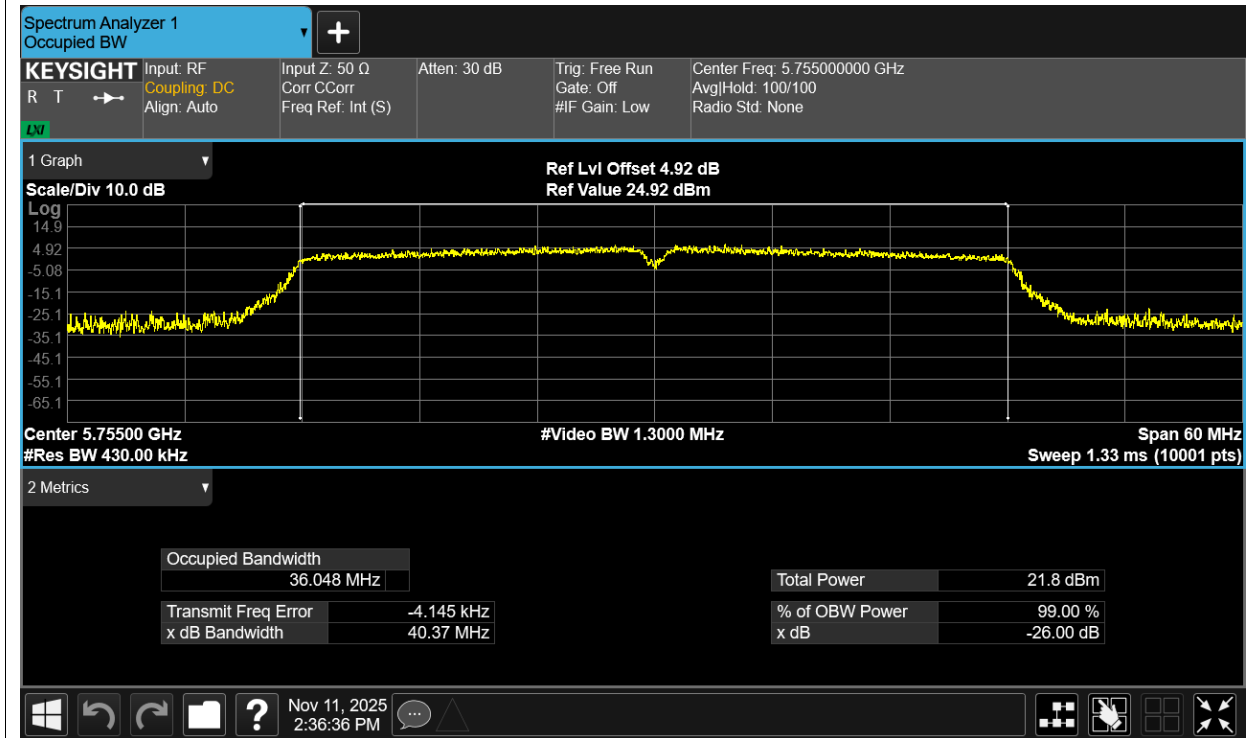
OBW NVNT n20 5785MHz Ant1



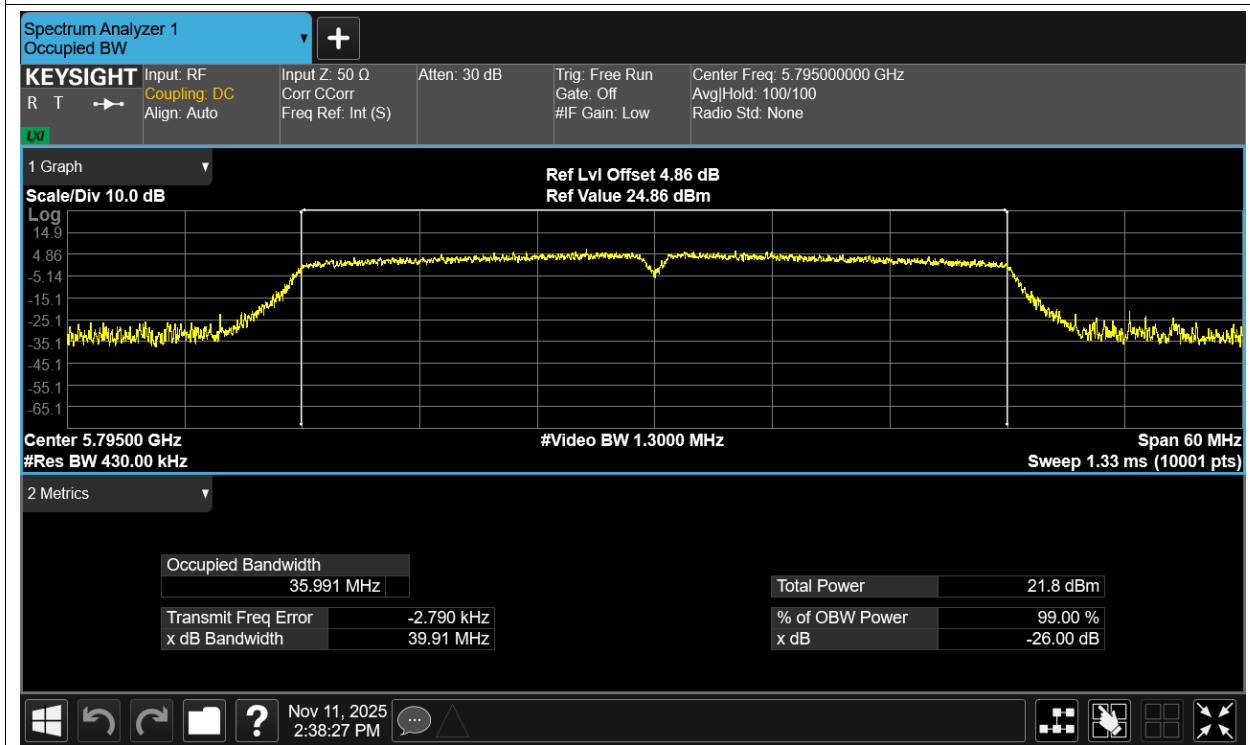
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



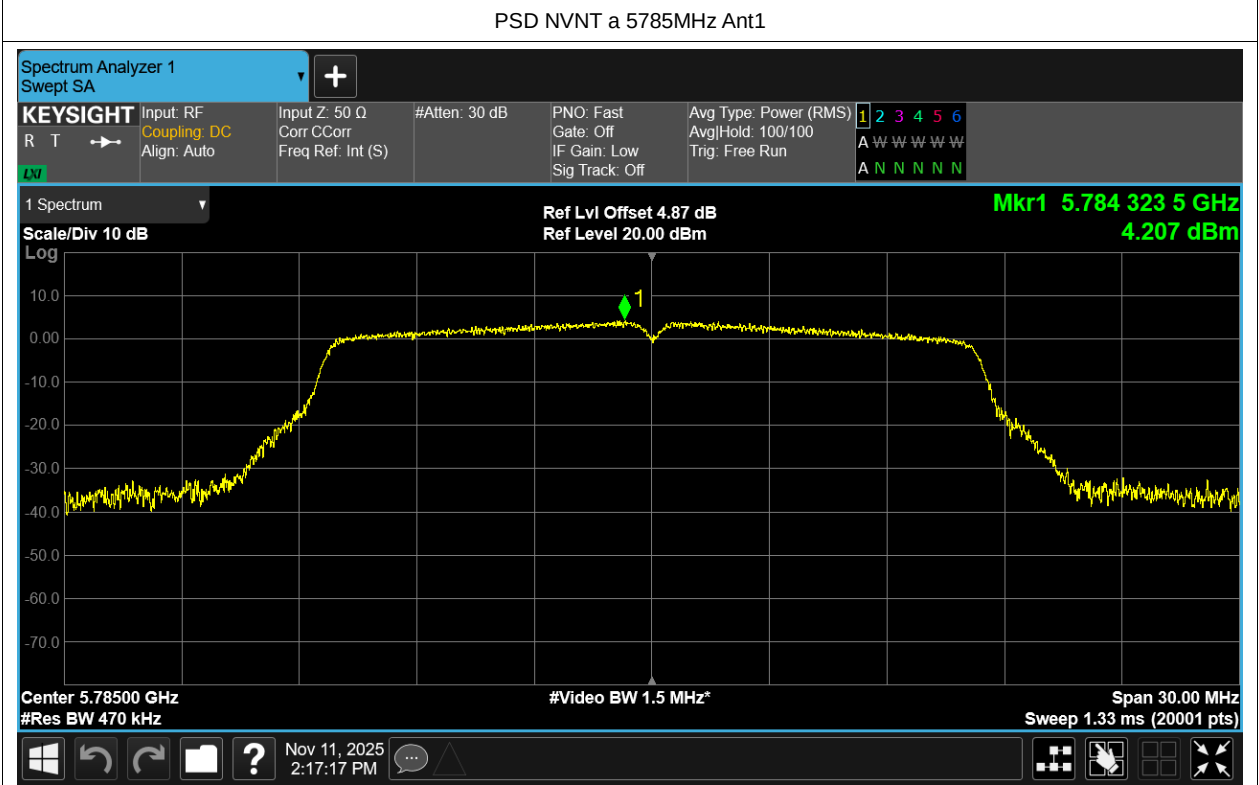
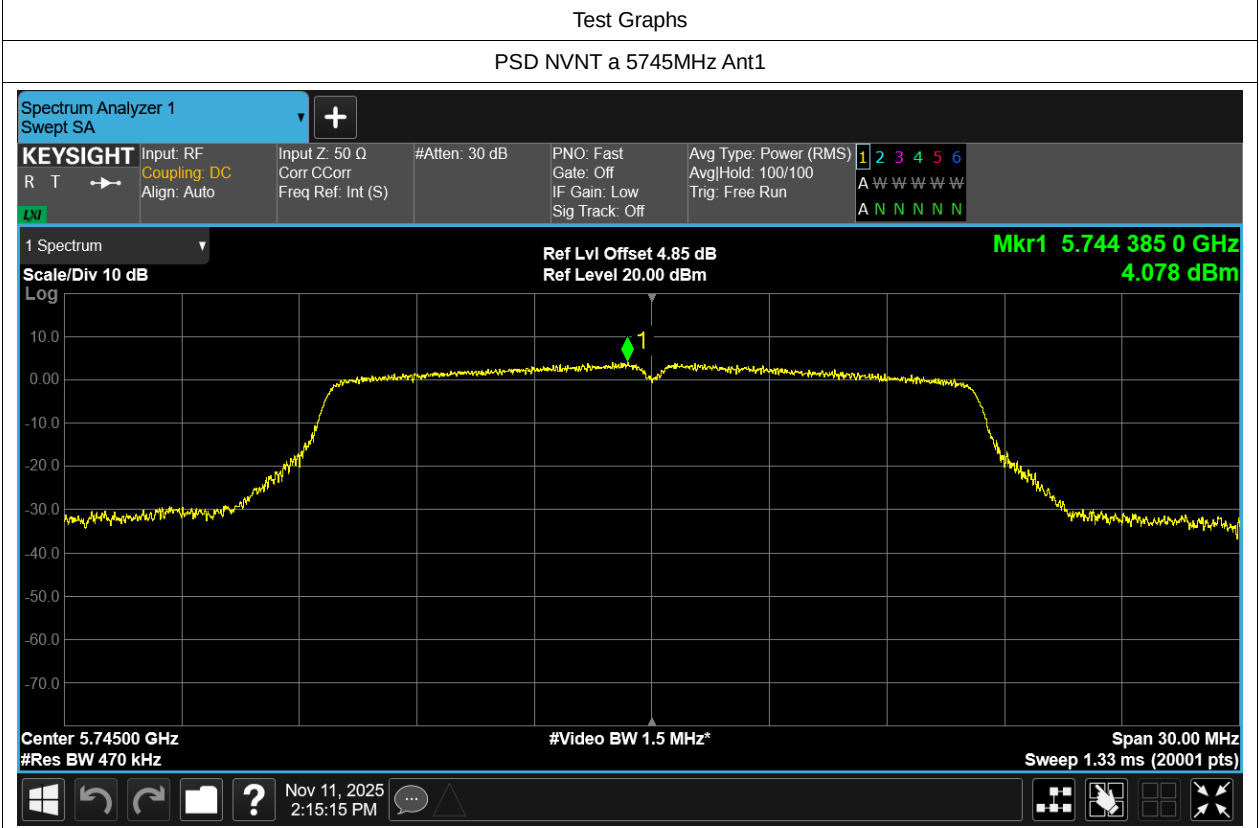
OBW NVNT n40 5795MHz Ant1



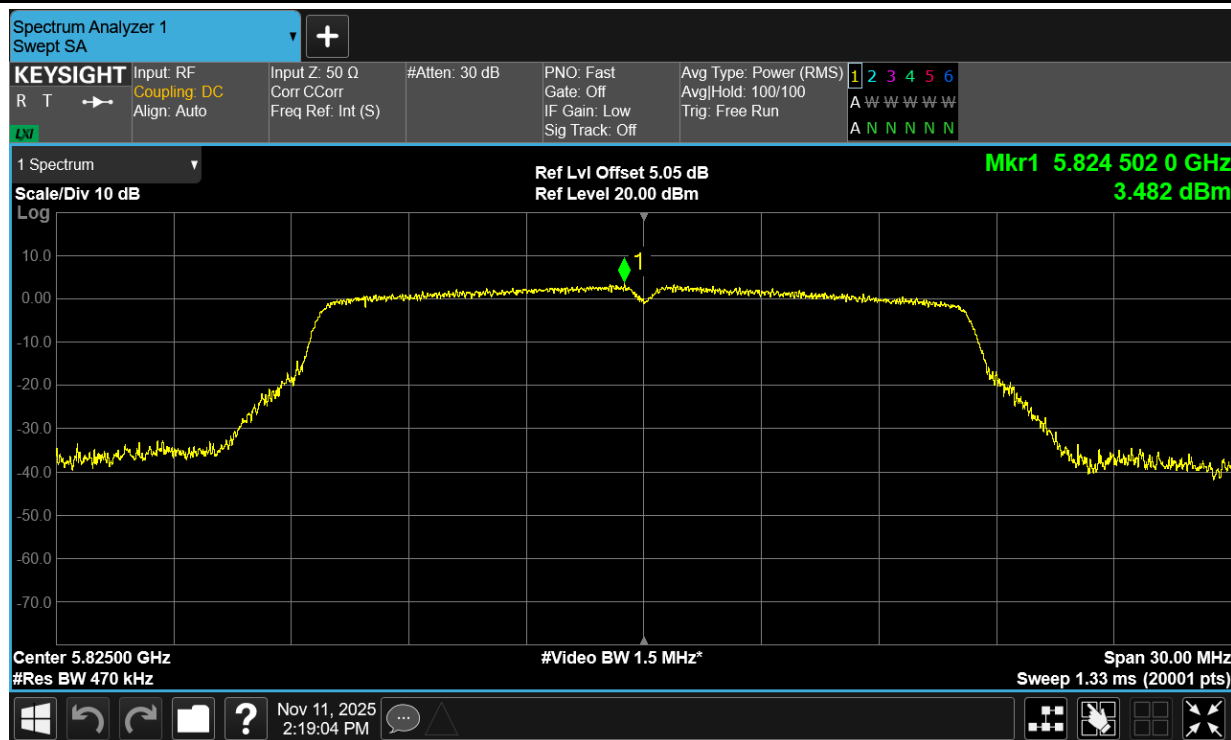


Maximum Power Spectral Density Level

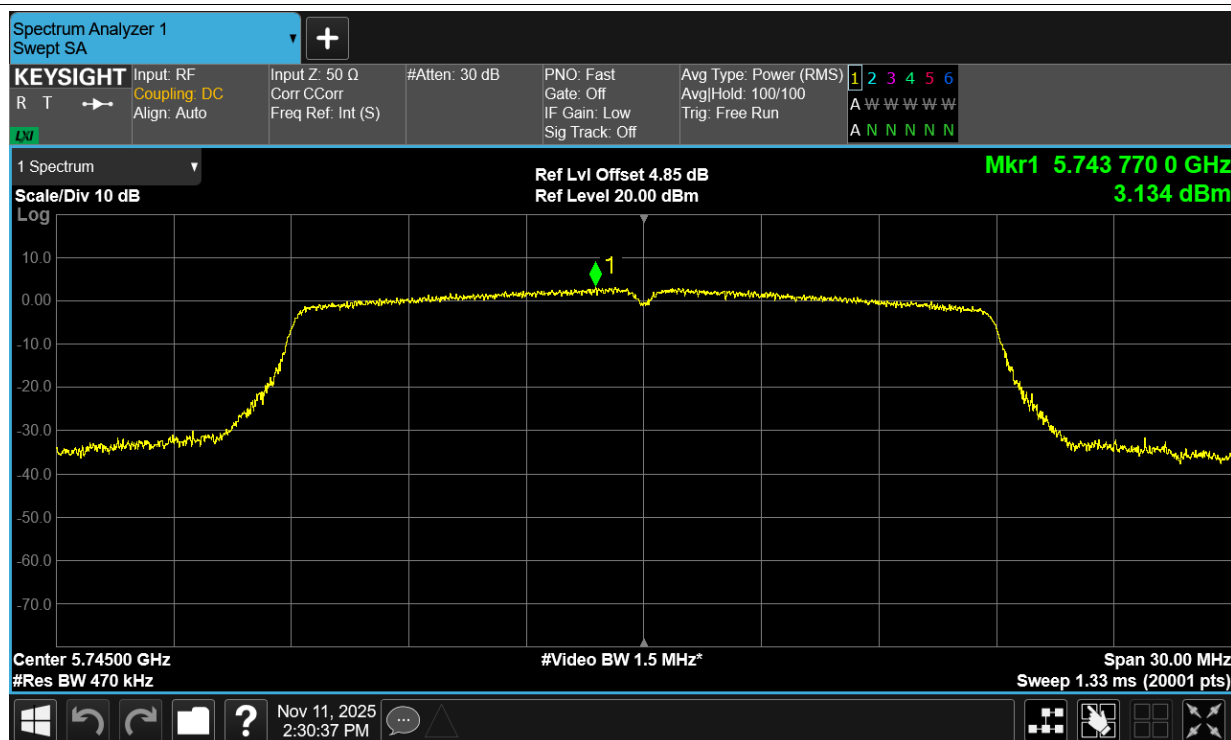
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	4.078	30	Pass
NVNT	a	5785	Ant1	4.207	30	Pass
NVNT	a	5825	Ant1	3.482	30	Pass
NVNT	ac20	5745	Ant1	3.134	30	Pass
NVNT	ac20	5785	Ant1	3.426	30	Pass
NVNT	ac20	5825	Ant1	2.904	30	Pass
NVNT	ac40	5755	Ant1	-0.702	30	Pass
NVNT	ac40	5795	Ant1	-0.646	30	Pass
NVNT	ac80	5775	Ant1	-3.273	30	Pass
NVNT	n20	5745	Ant1	3.374	30	Pass
NVNT	n20	5785	Ant1	2.869	30	Pass
NVNT	n20	5825	Ant1	2.449	30	Pass
NVNT	n40	5755	Ant1	-0.208	30	Pass
NVNT	n40	5795	Ant1	0.002	30	Pass



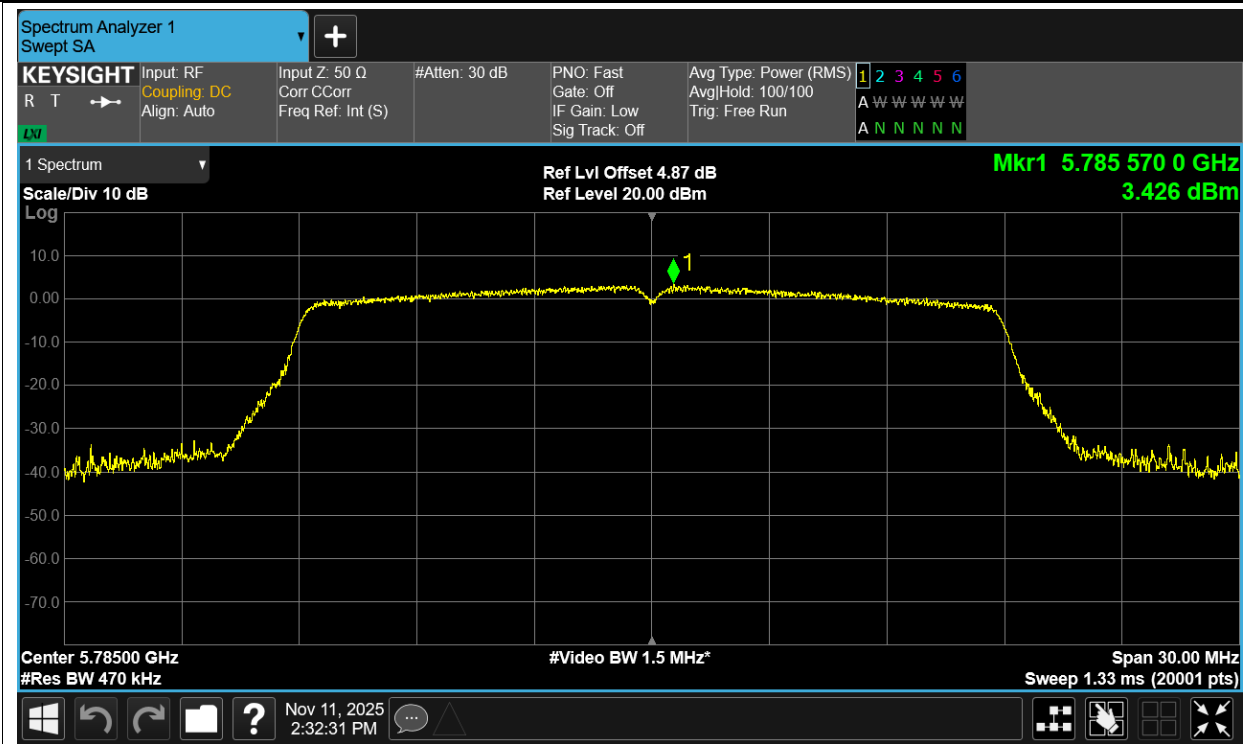
PSD NVNT a 5825MHz Ant1



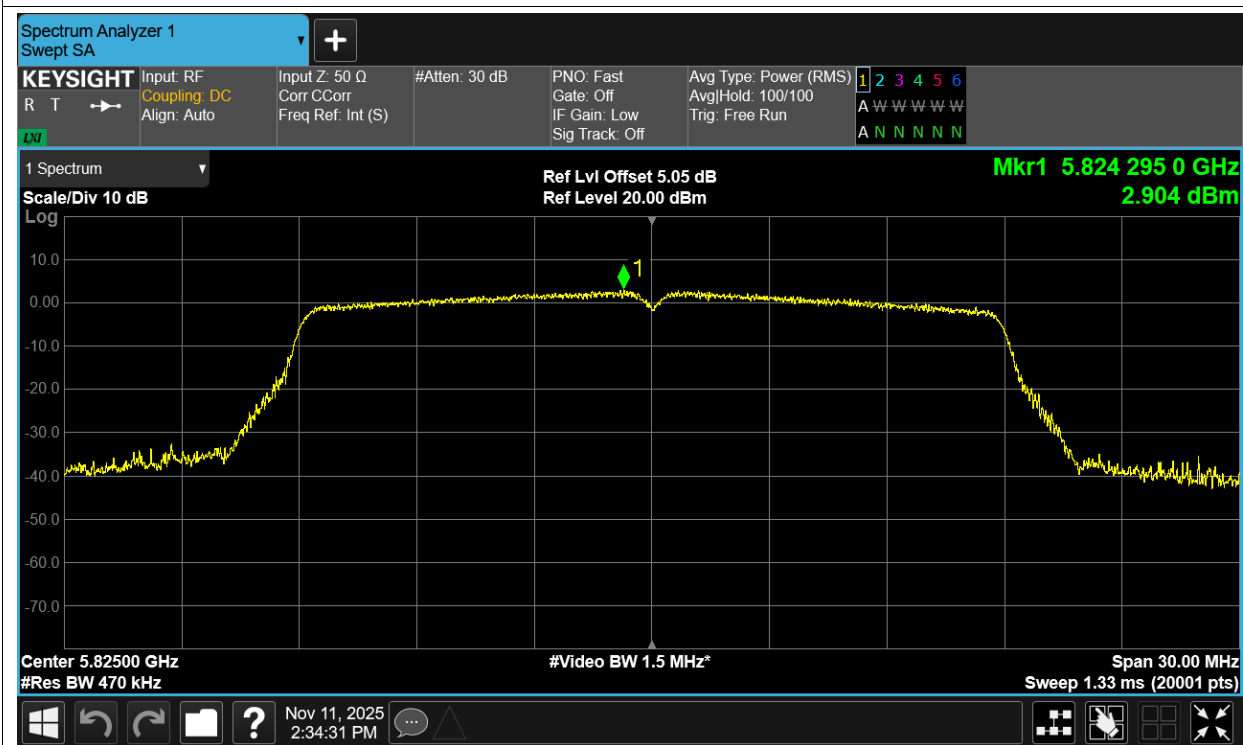
PSD NVNT ac20 5745MHz Ant1



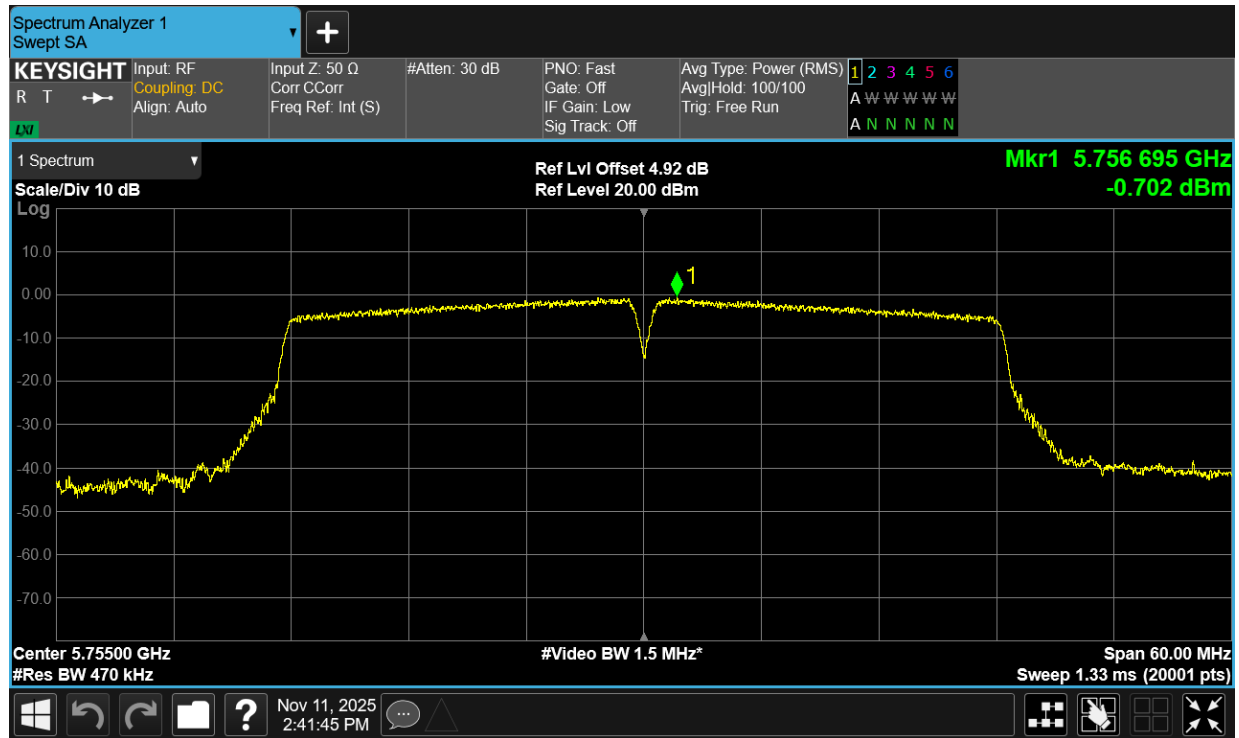
PSD NVNT ac20 5785MHz Ant1



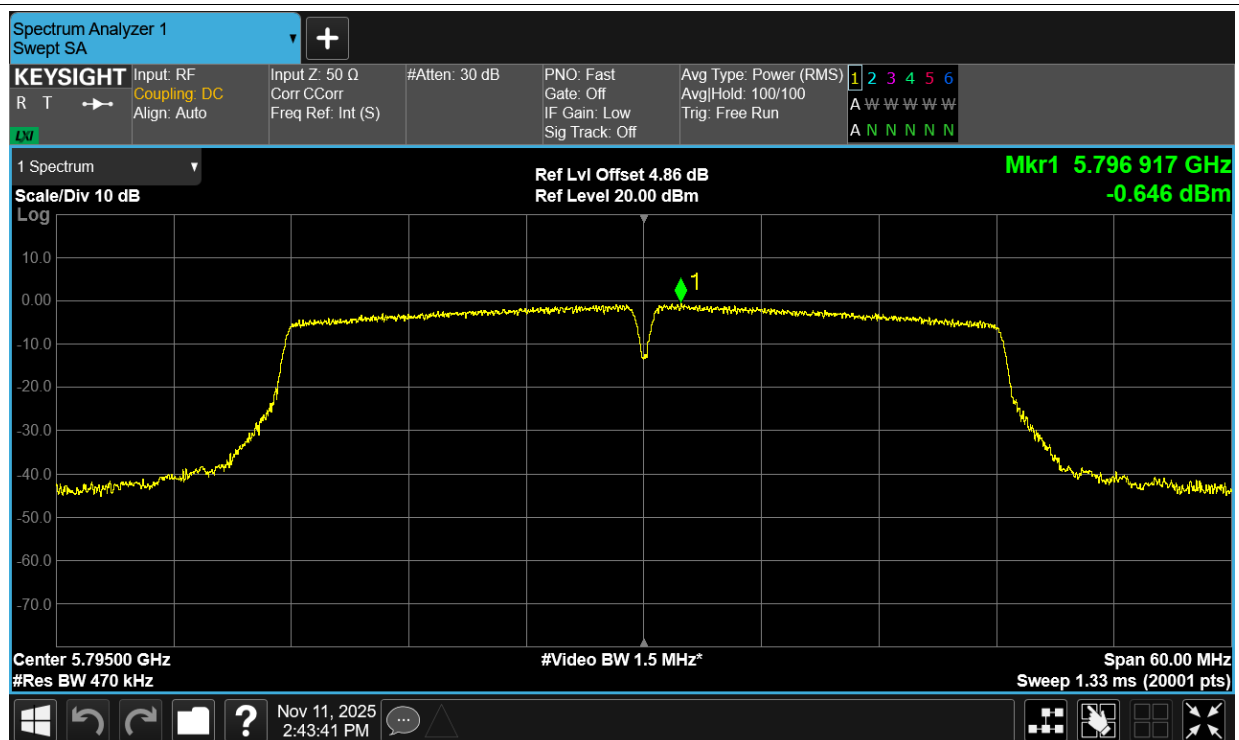
PSD NVNT ac20 5825MHz Ant1



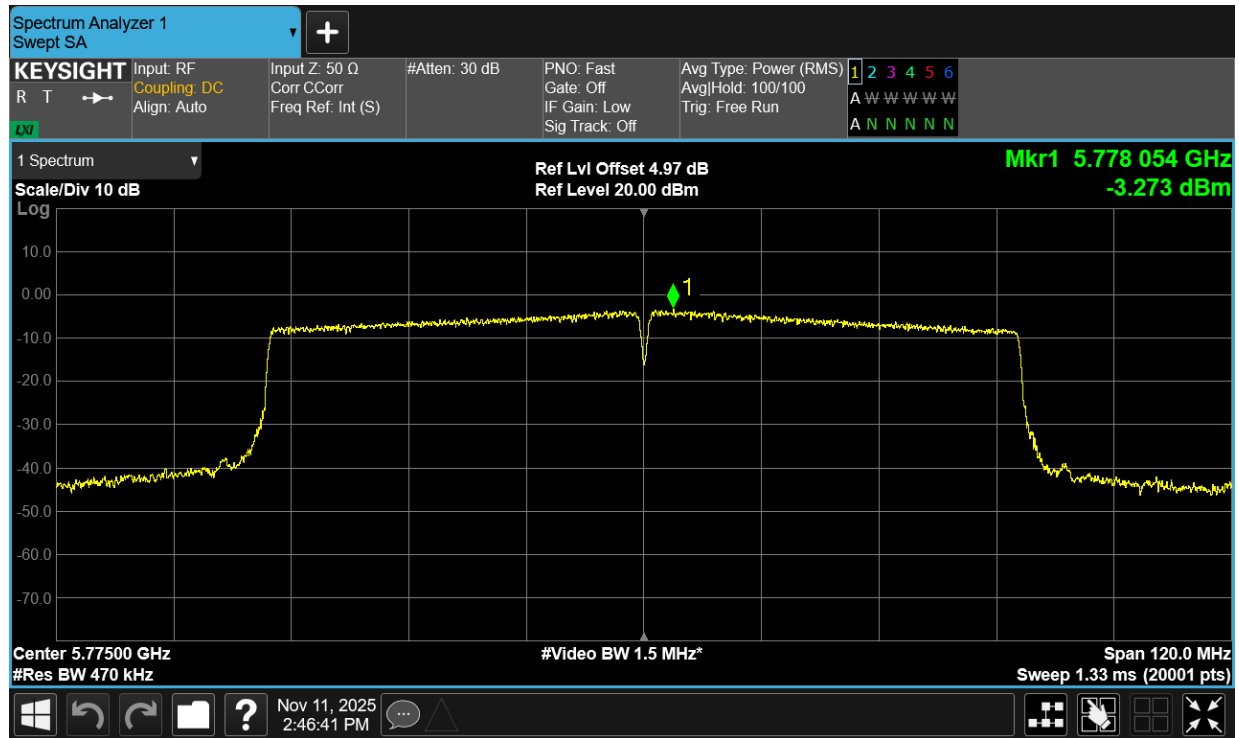
PSD NVNT ac40 5755MHz Ant1



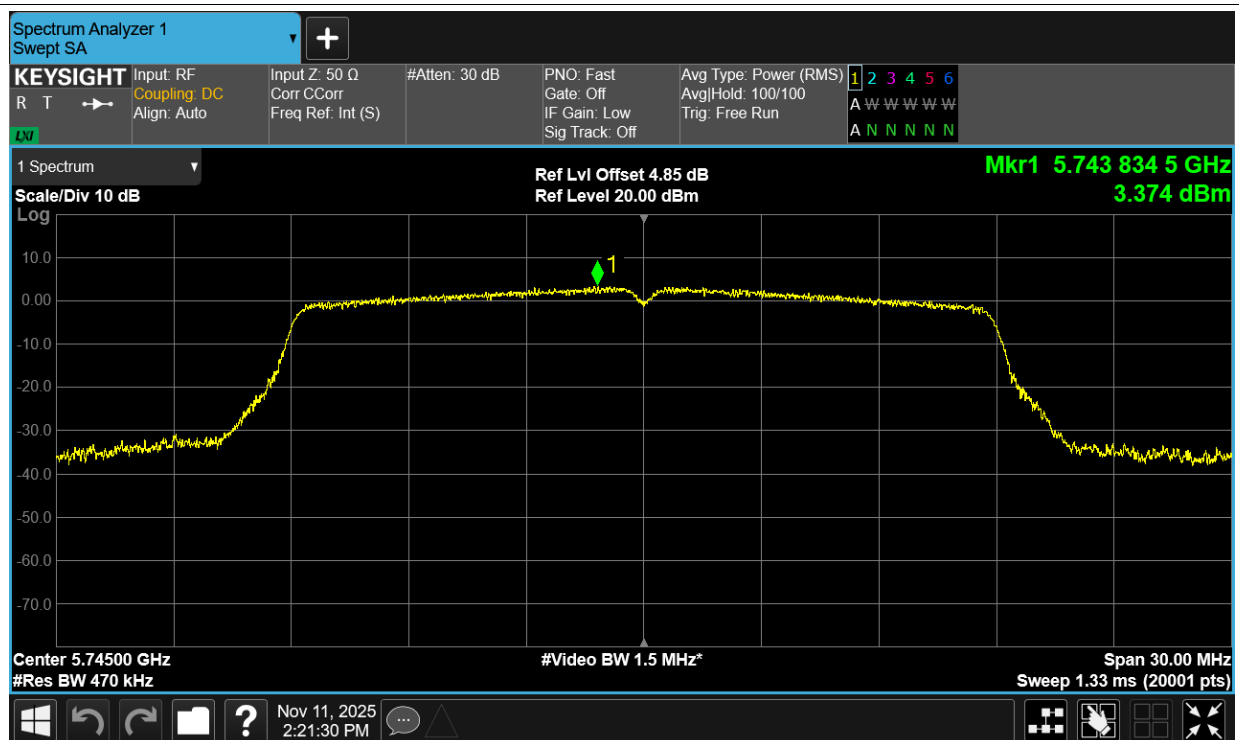
PSD NVNT ac40 5795MHz Ant1



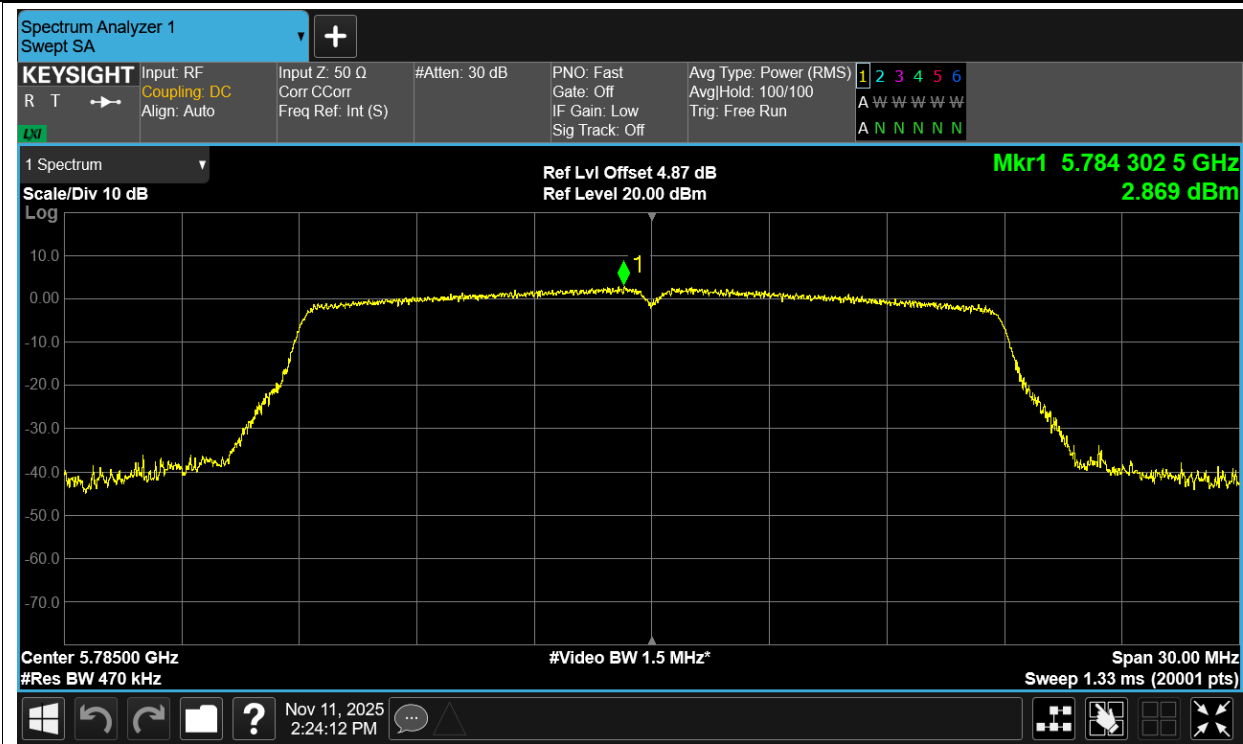
PSD NVNT ac80 5775MHz Ant1



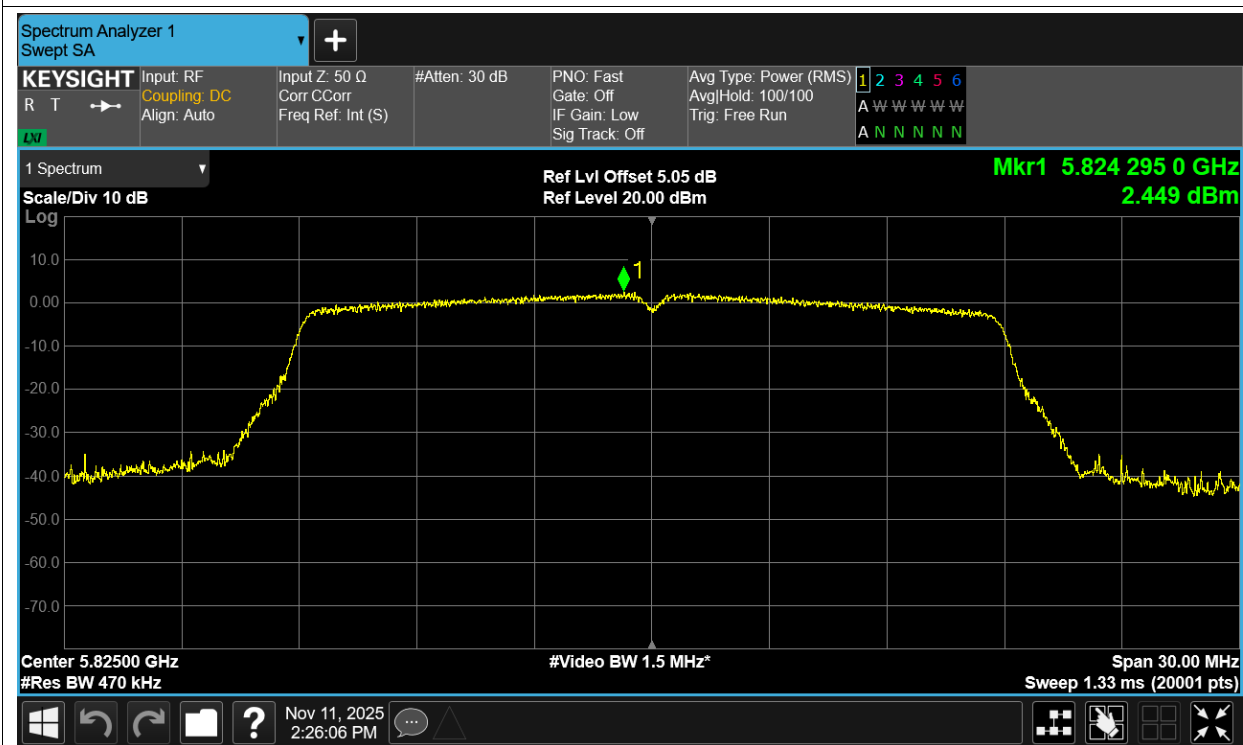
PSD NVNT n20 5745MHz Ant1



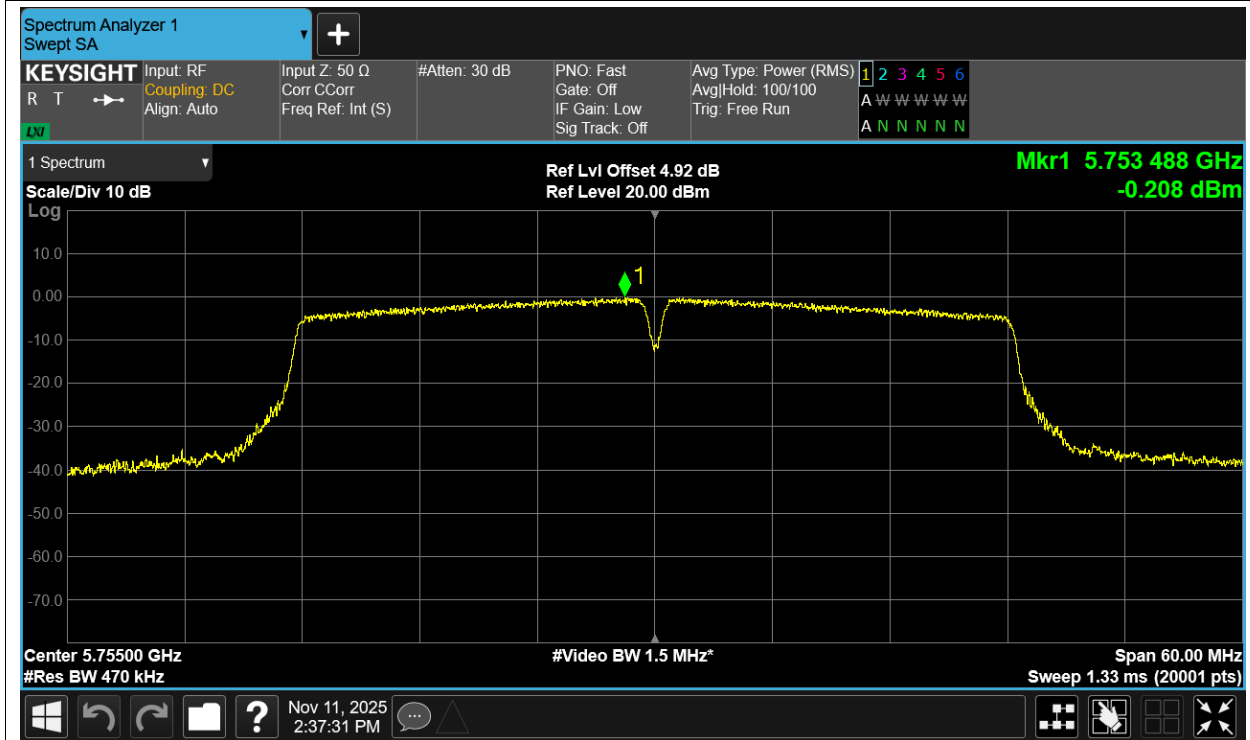
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

