

Test Data

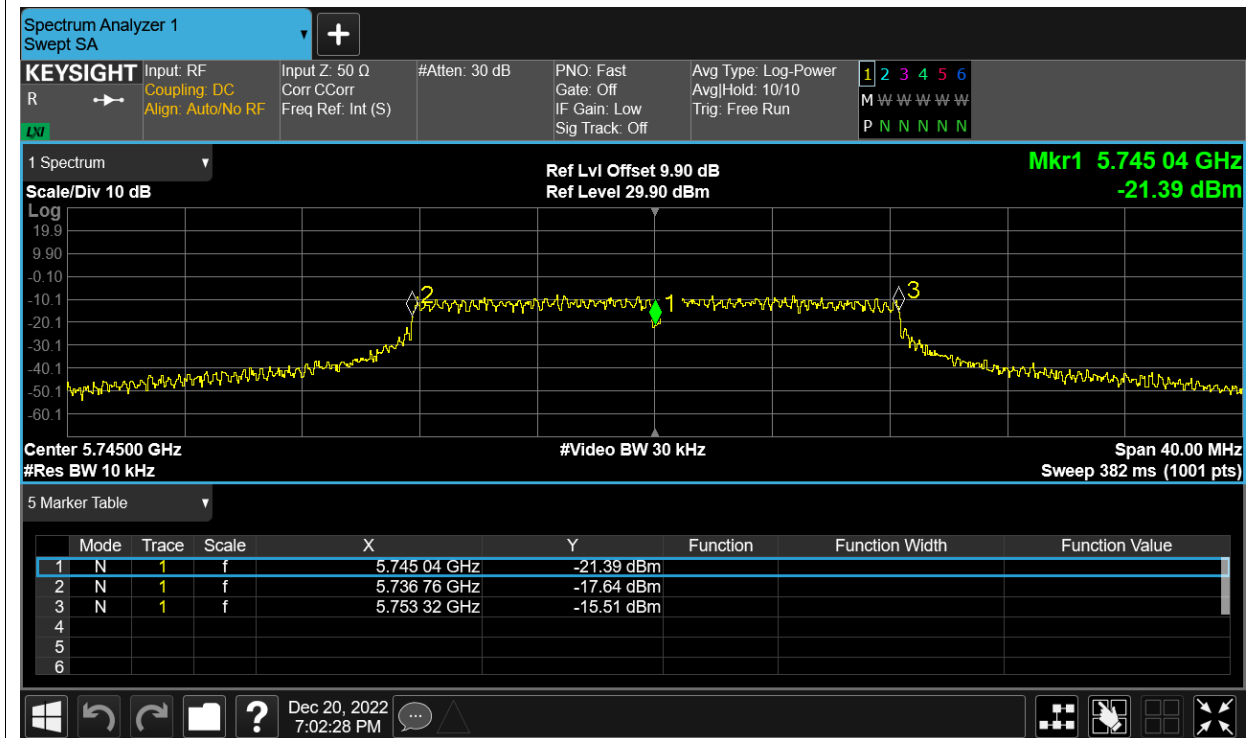
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5745.04	6.96	Within authorized band	Pass
LVNT	a	5745	Ant1	5745.04	6.96		Pass
NVHT	a	5745	Ant1	5745.04	6.96		Pass
NVLT	a	5745	Ant1	5745.04	6.96		Pass
NVNT	a	5745	Ant1	5745.04	6.96		Pass
HVNT	n40	5755	Ant1	5755.08	13.9		Pass
LVNT	n40	5755	Ant1	5755.08	13.9		Pass
NVHT	n40	5755	Ant1	5755.08	13.9		Pass
NVLT	n40	5755	Ant1	5755.08	13.9		Pass
NVNT	n40	5755	Ant1	5755.08	13.9		Pass

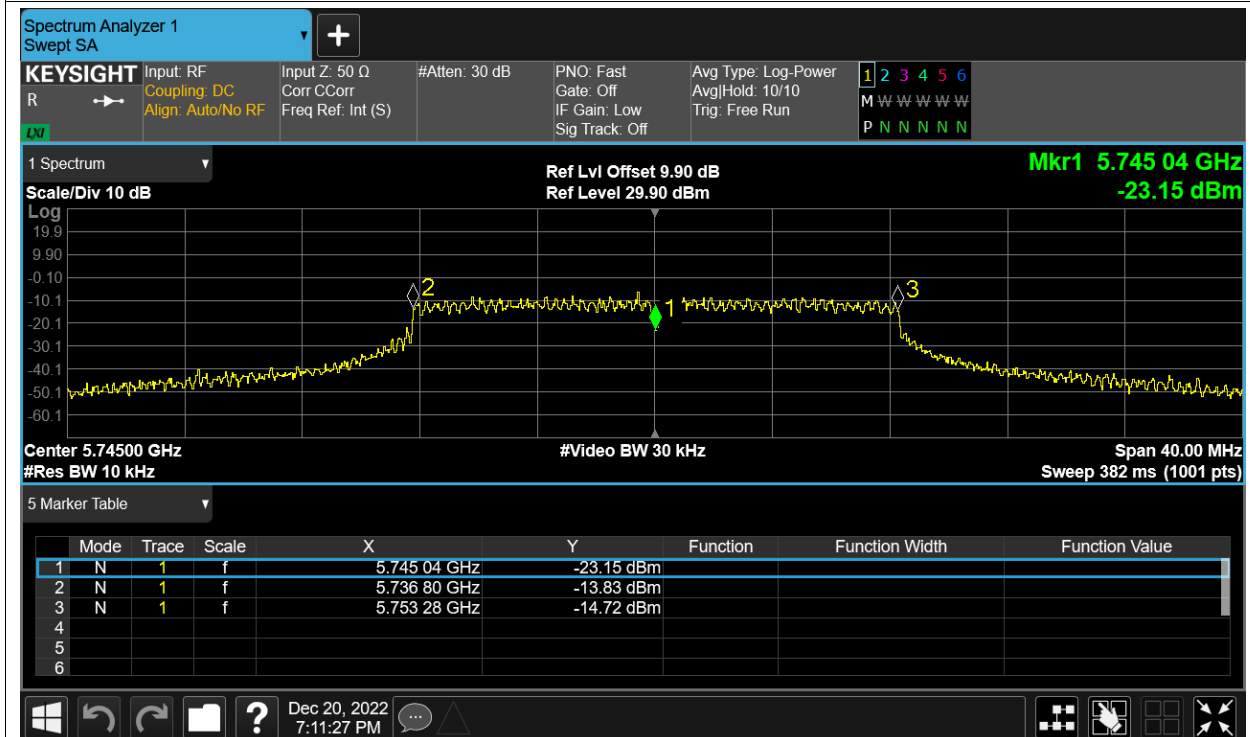
Remark: "NTNV" means Normal Temperature Normal Voltage, "NVHT" means Normal Voltage High Temperature, "NVLT" means Normal Voltage Low Temperature, "LVNT" means Low Voltage Normal Temperature, "HVNT" means High Voltage Normal Temperature.

Test Graphs

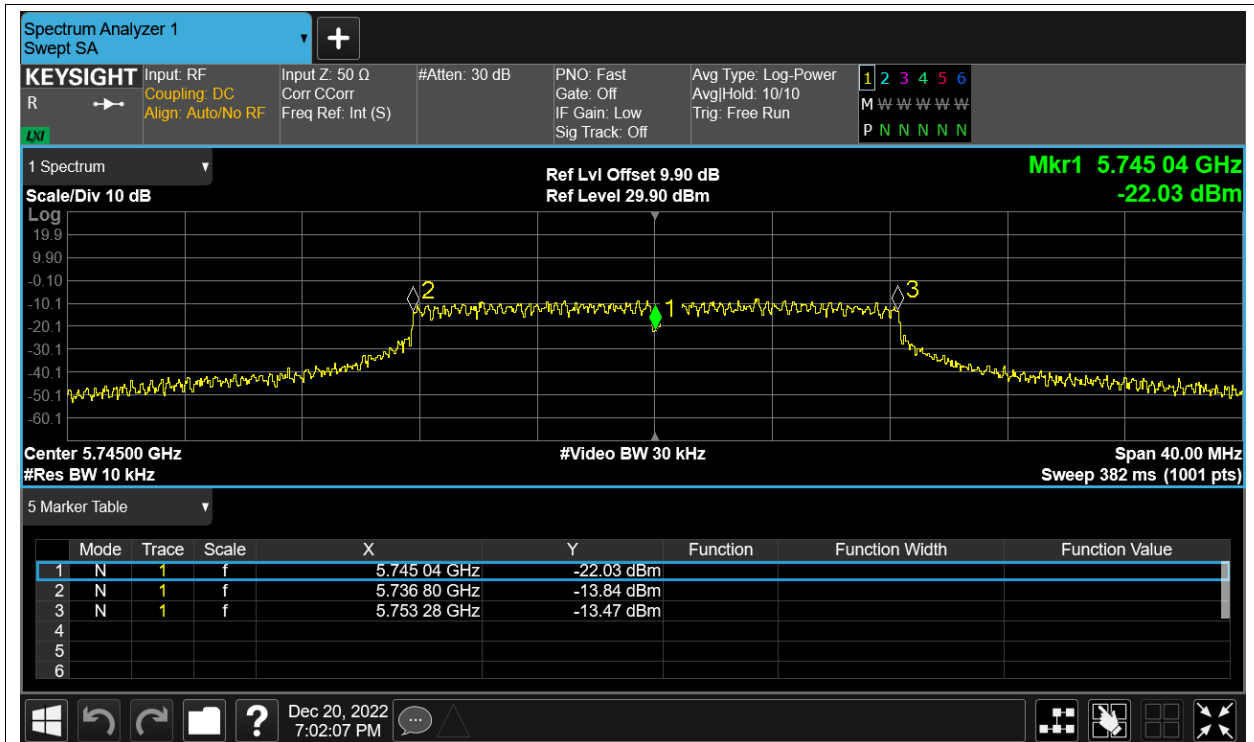
Freq. Stability HVNT a 5745MHz Ant1



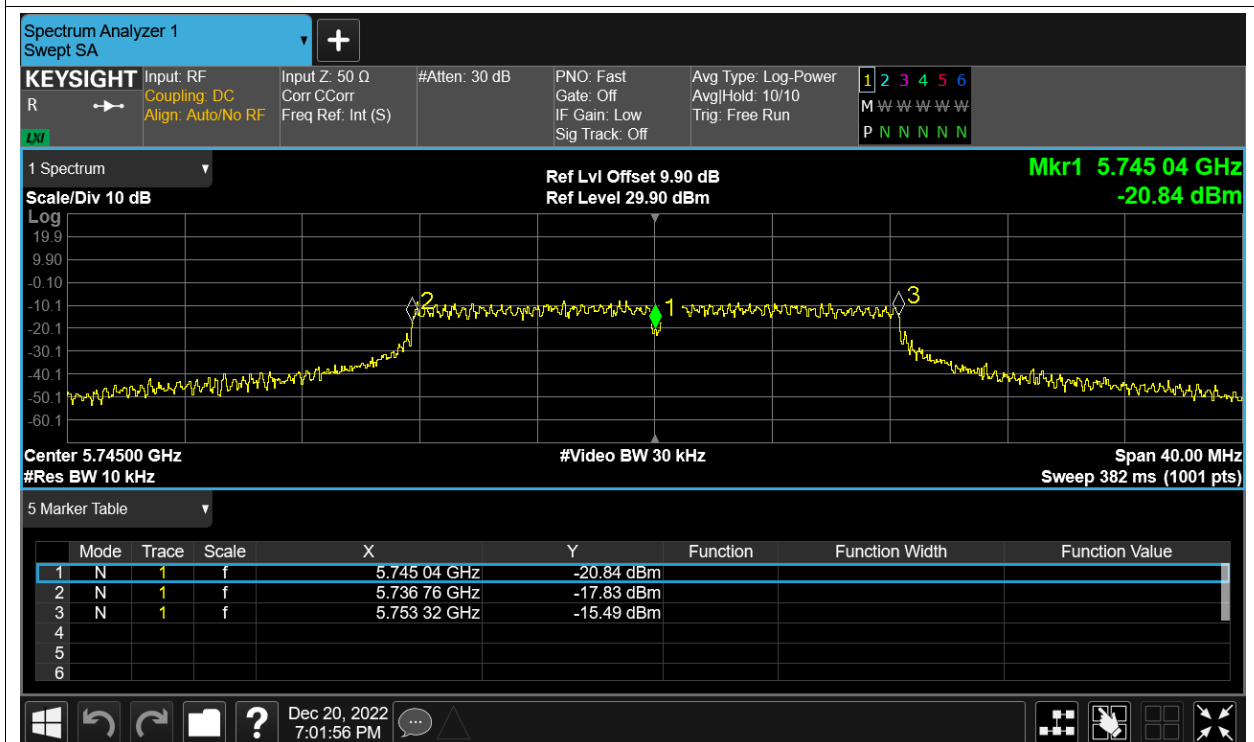
Freq. Stability LVNT a 5745MHz Ant1



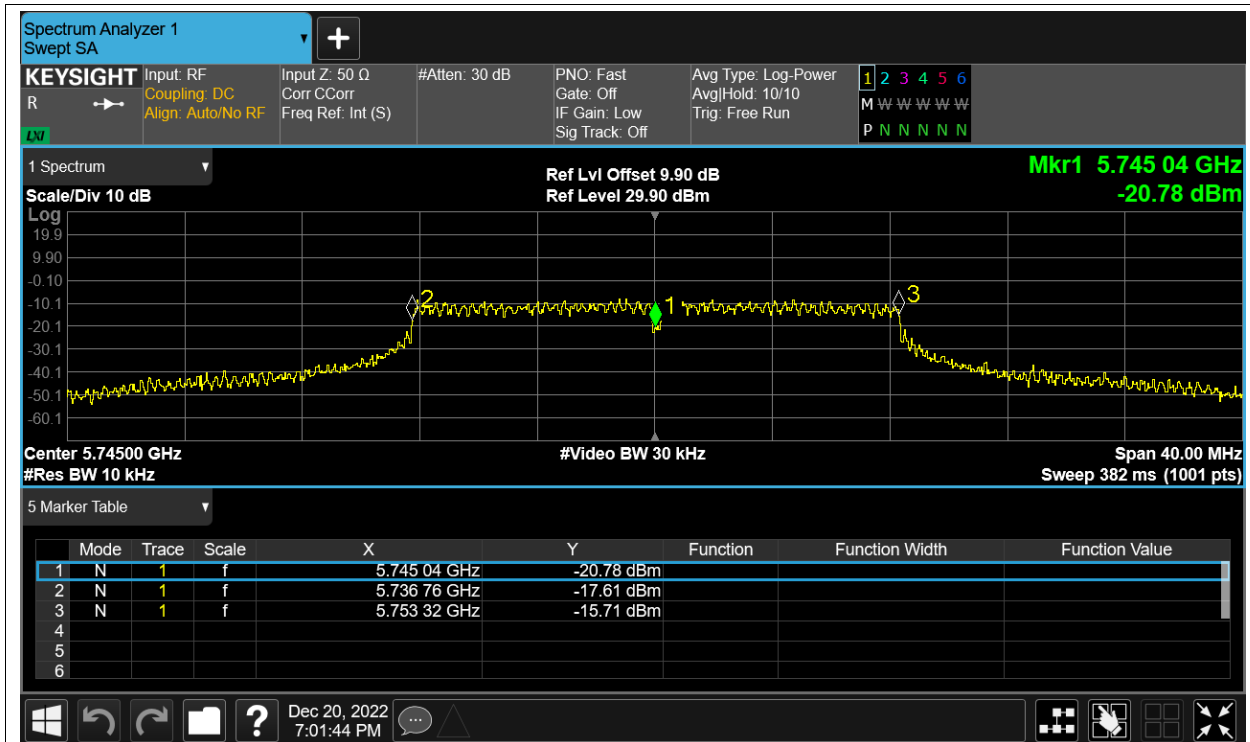
Freq. Stability NVHT a 5745MHz Ant1



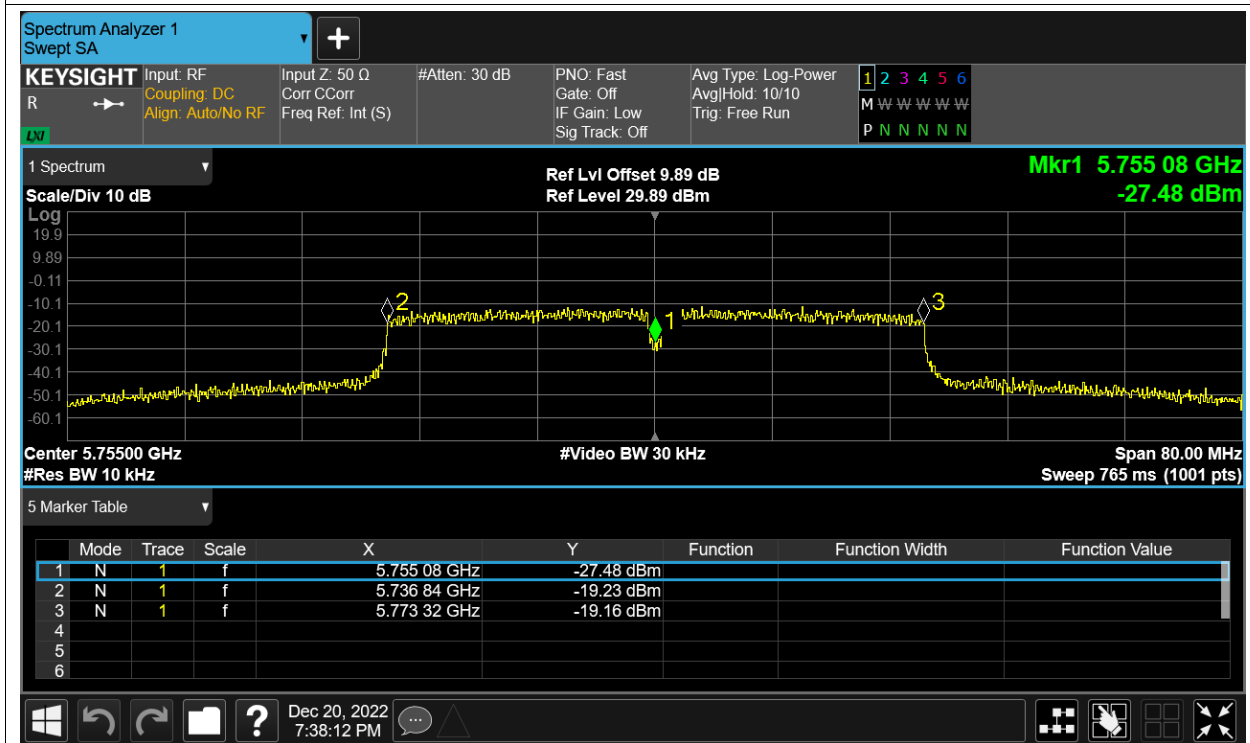
Freq. Stability NVLT a 5745MHz Ant1



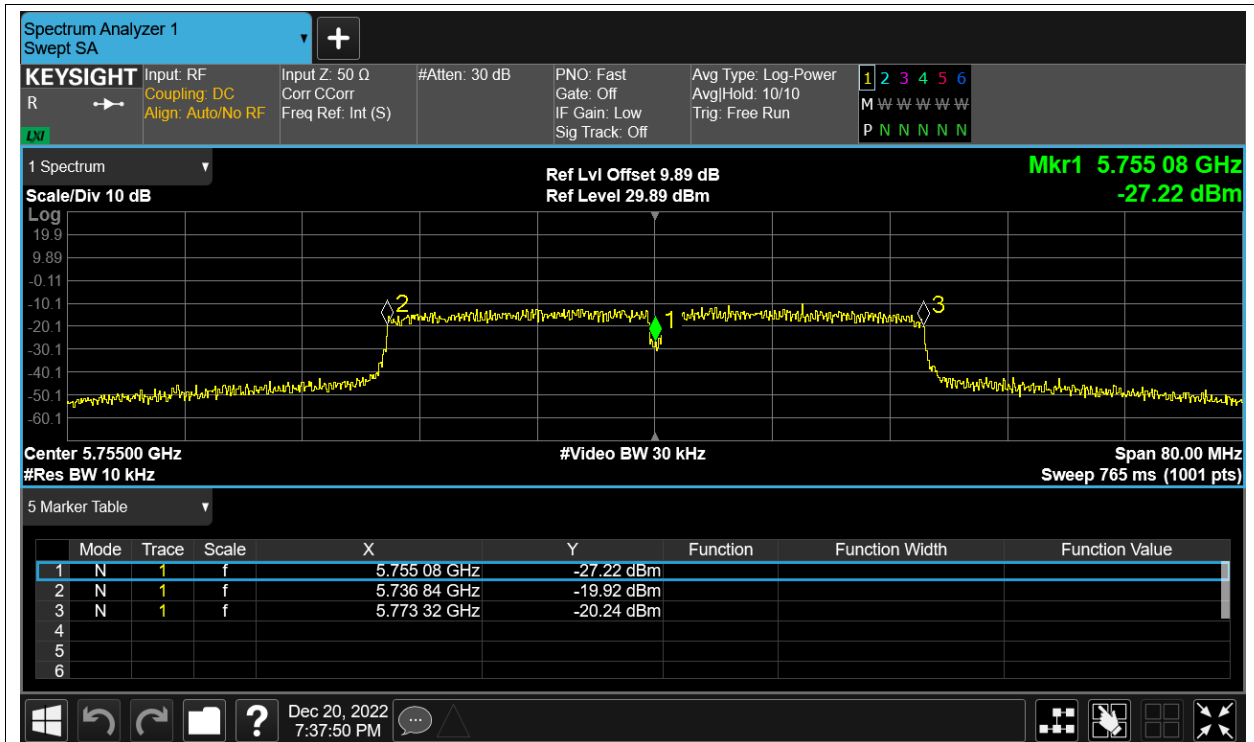
Freq. Stability NVNT a 5745MHz Ant1



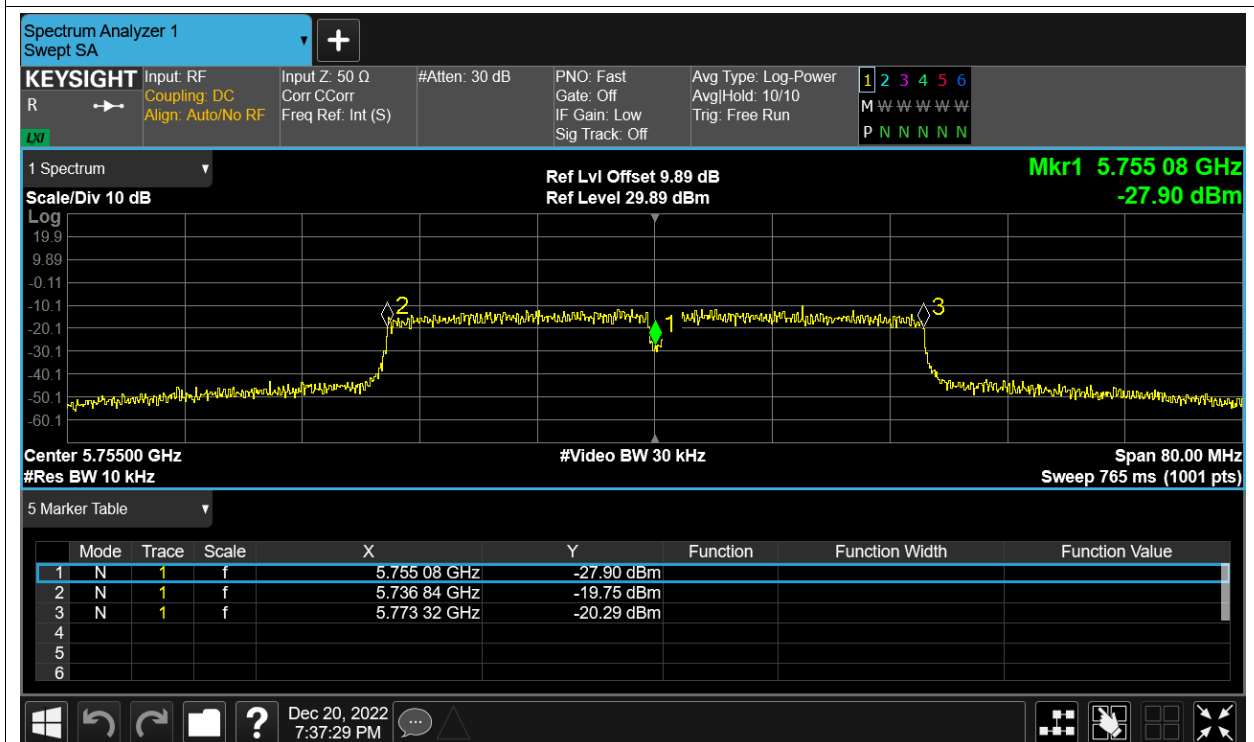
Freq. Stability HVNT n40 5755MHz Ant1



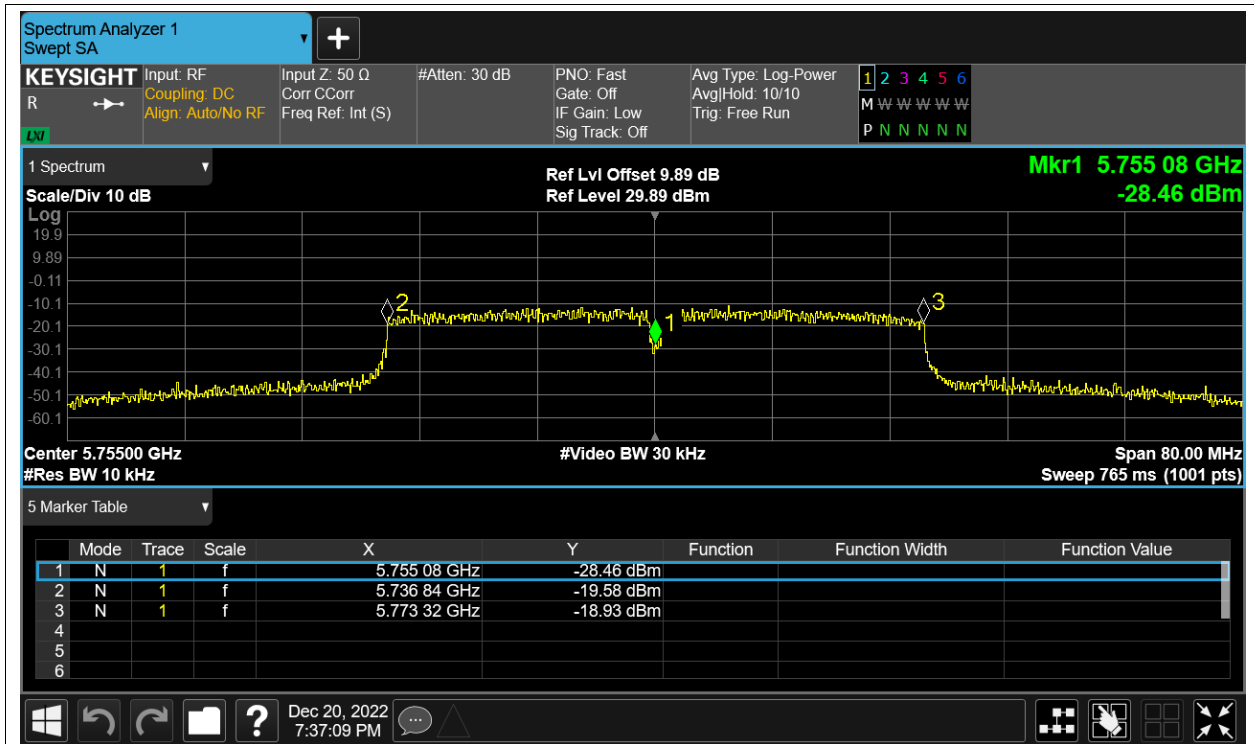
Freq. Stability LVNT n40 5755MHz Ant1



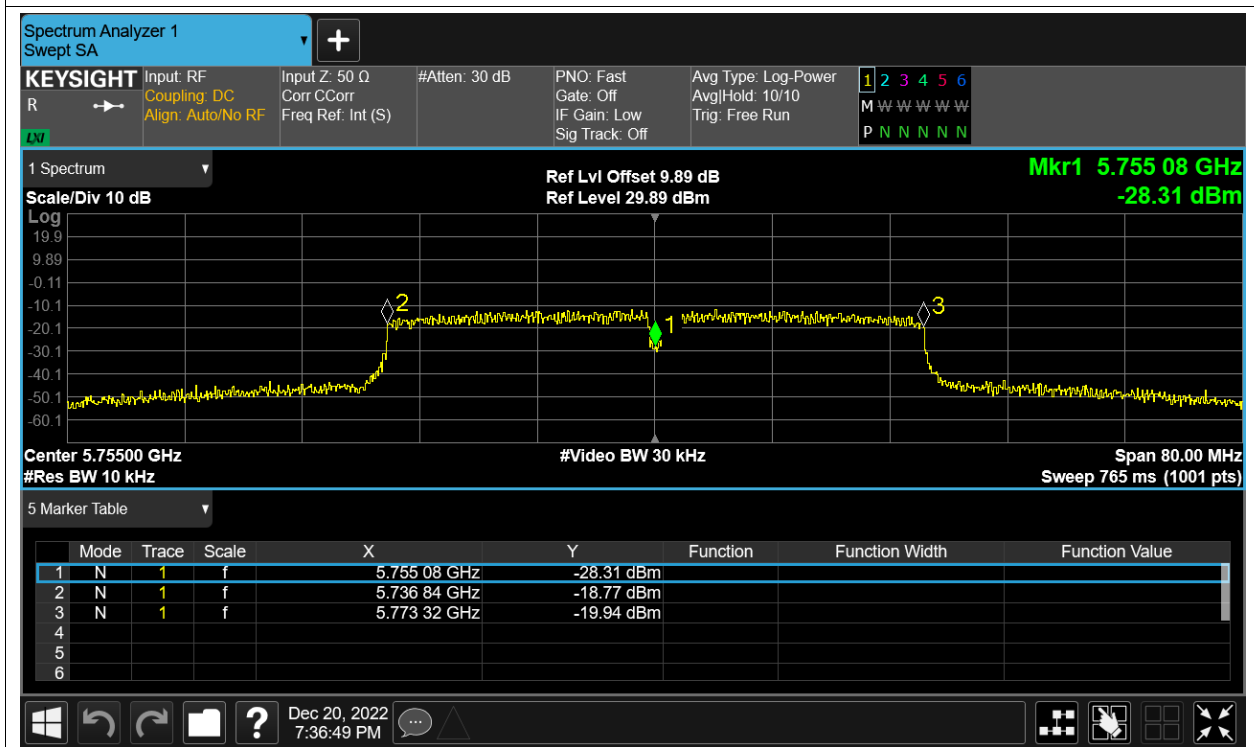
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

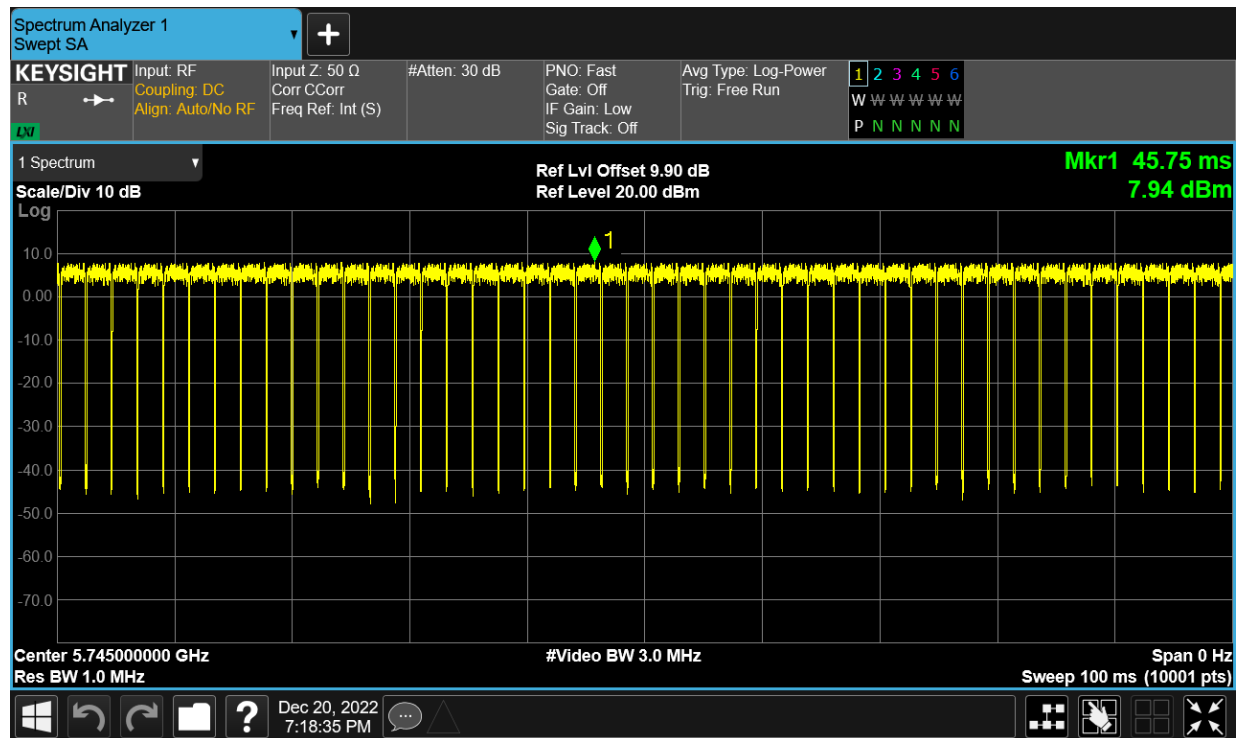


Duty Cycle

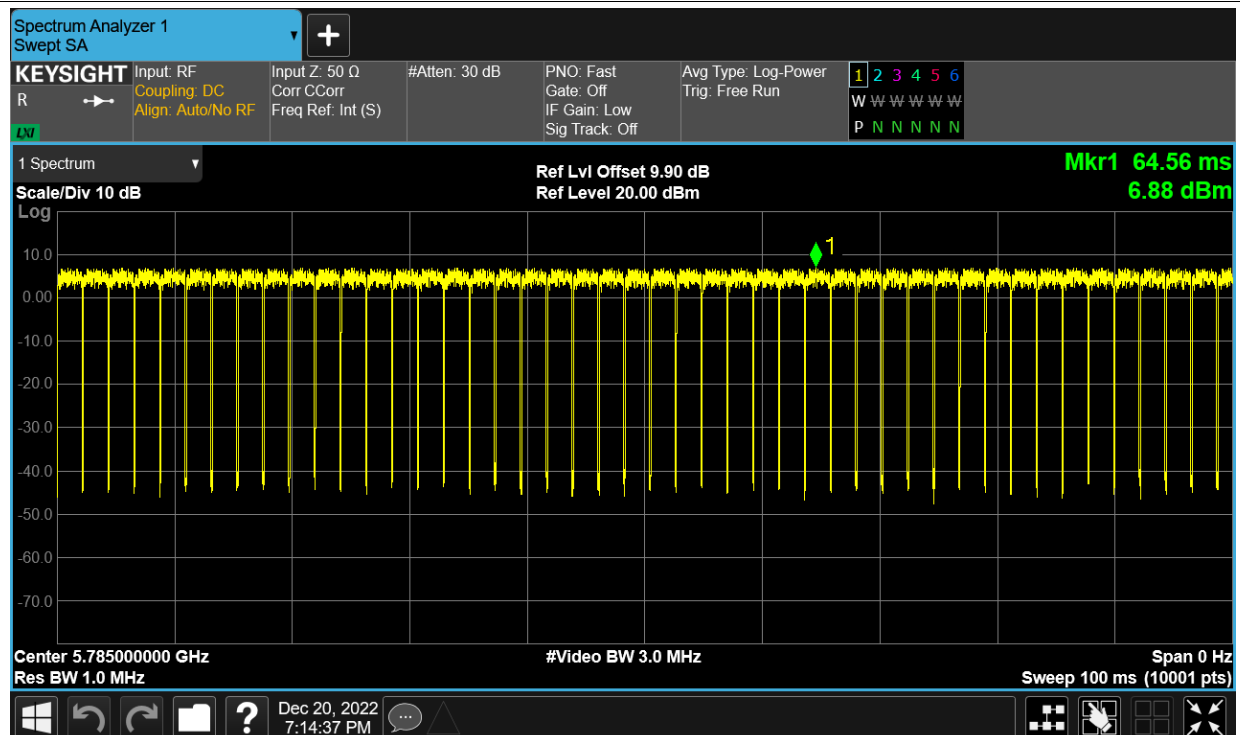
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	94.73	0.24
NVNT	a	5785	Ant1	94.91	0.23
NVNT	a	5825	Ant1	94.82	0.23
NVNT	n20	5745	Ant1	94.8	0.23
NVNT	n20	5785	Ant1	94.32	0.25
NVNT	n20	5825	Ant1	94.72	0.24
NVNT	n40	5755	Ant1	95.63	0.19
NVNT	n40	5795	Ant1	89.47	0.48

Test Graphs

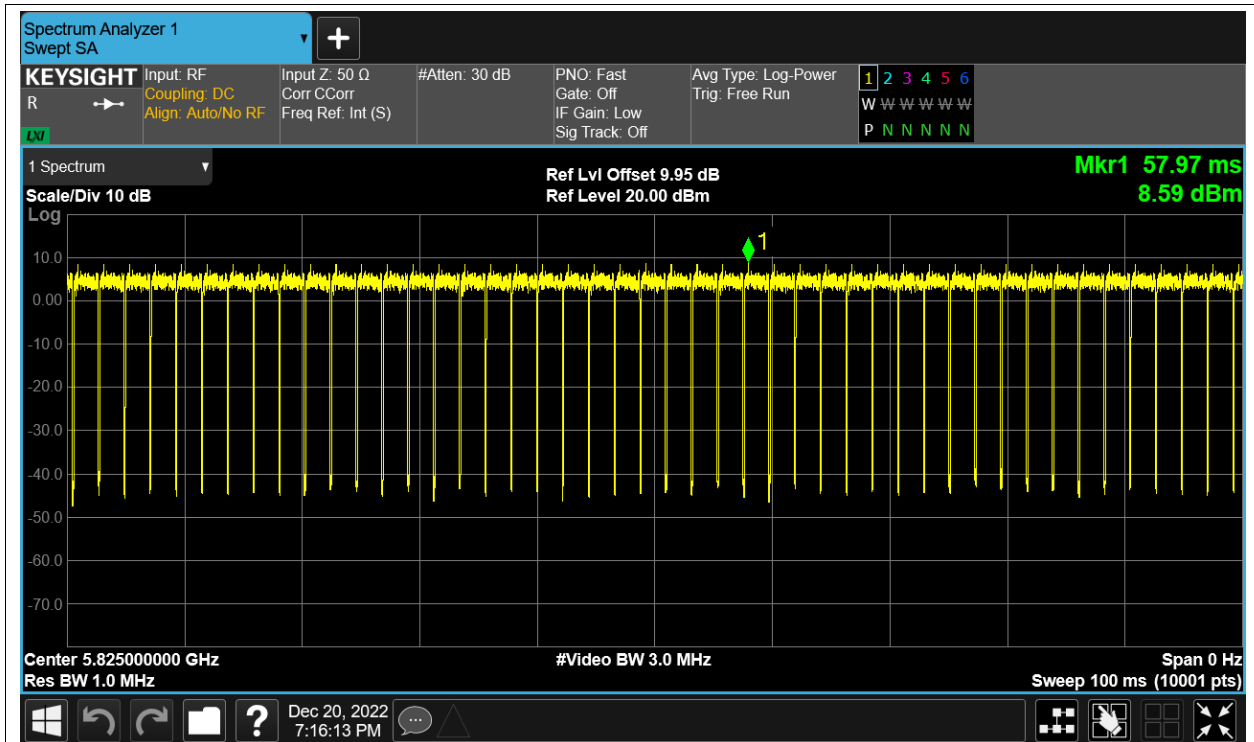
Duty Cycle NVNT a 5745MHz Ant1



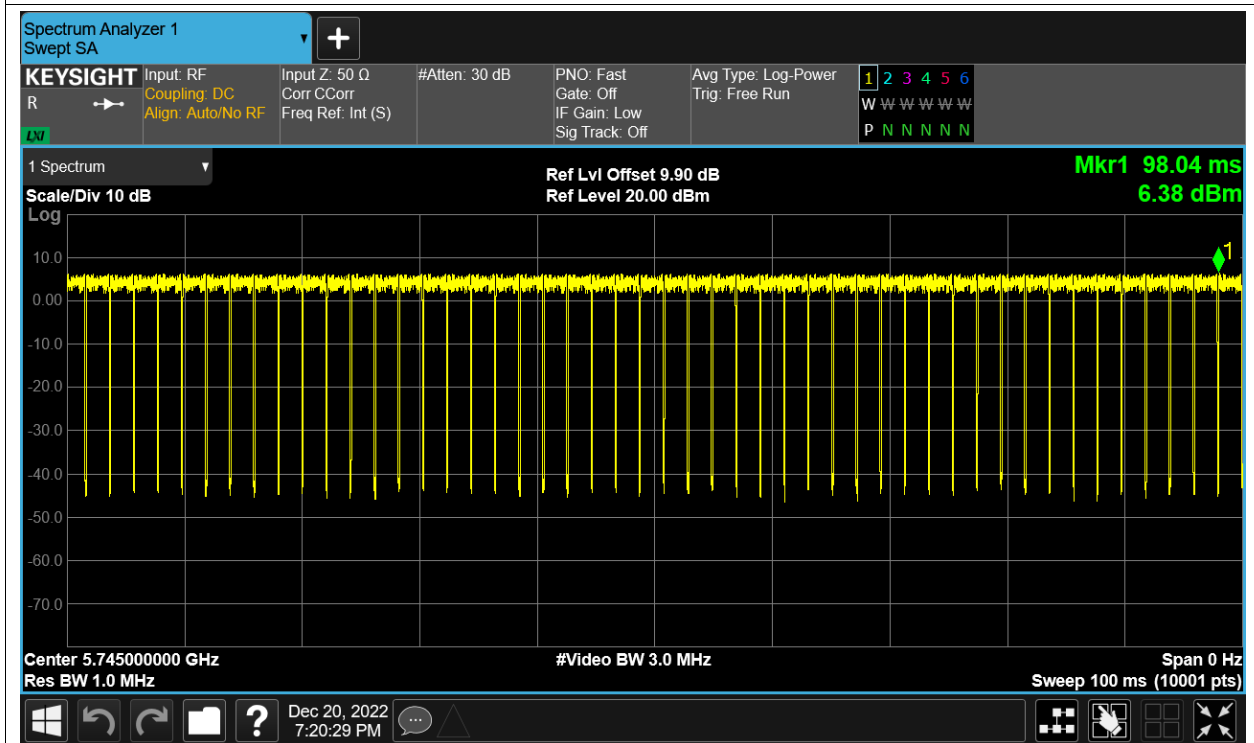
Duty Cycle NVNT a 5785MHz Ant1



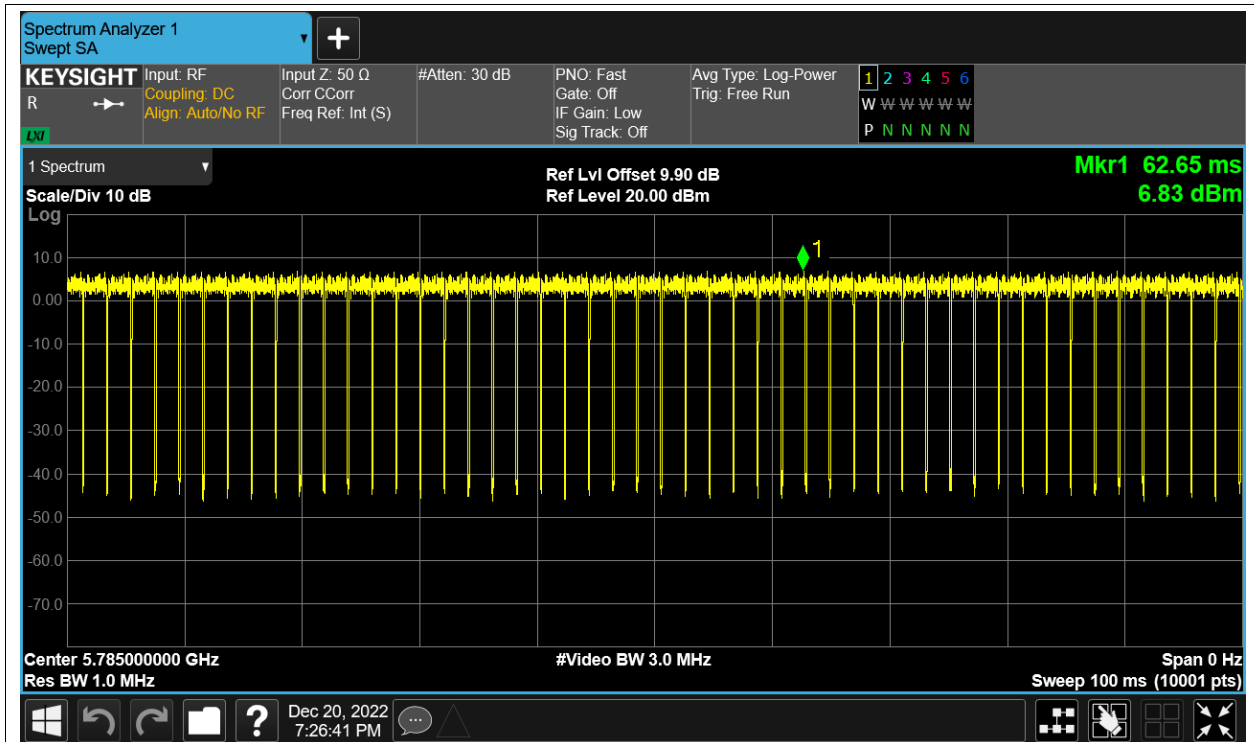
Duty Cycle NVNT a 5825MHz Ant1



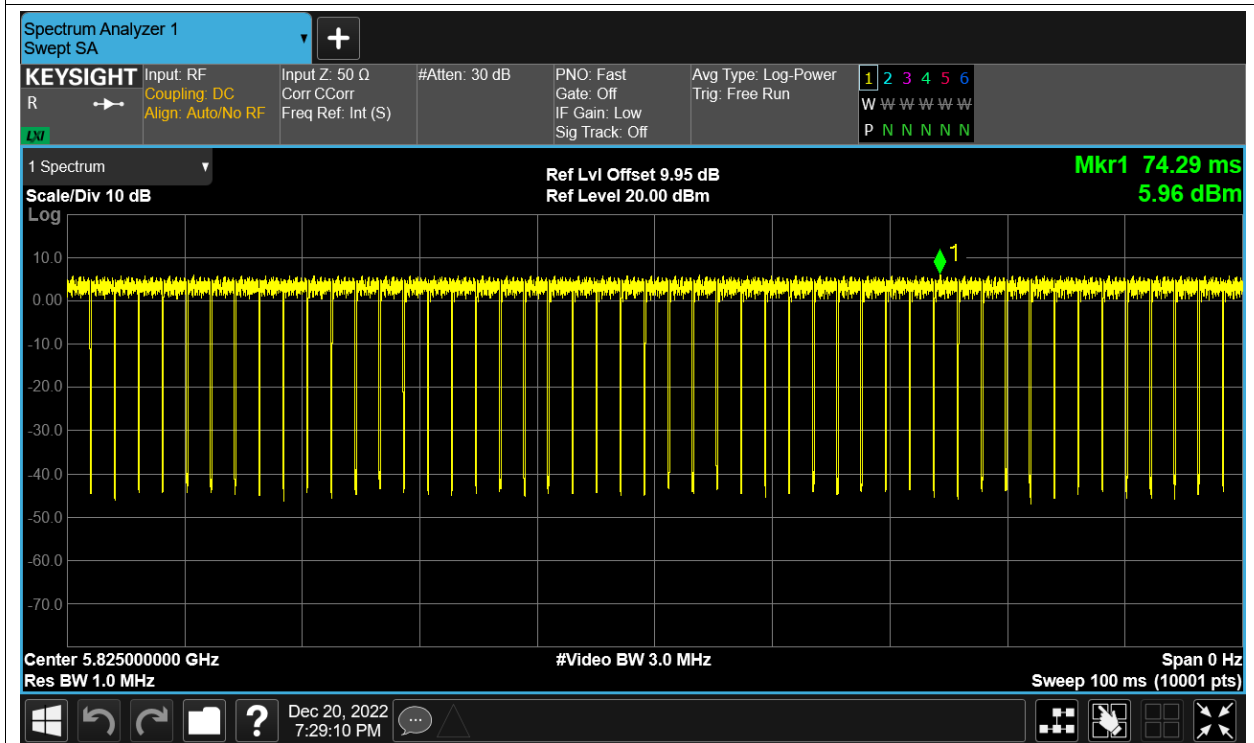
Duty Cycle NVNT n20 5745MHz Ant1



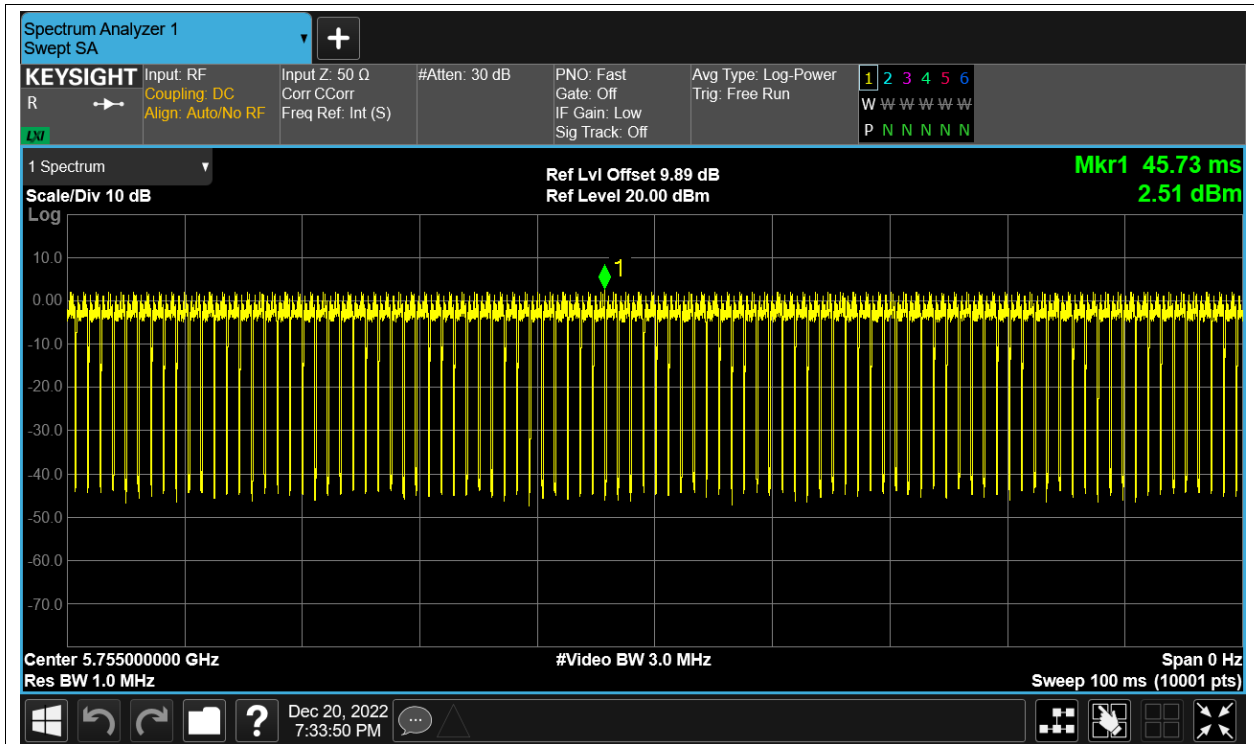
Duty Cycle NVNT n20 5785MHz Ant1



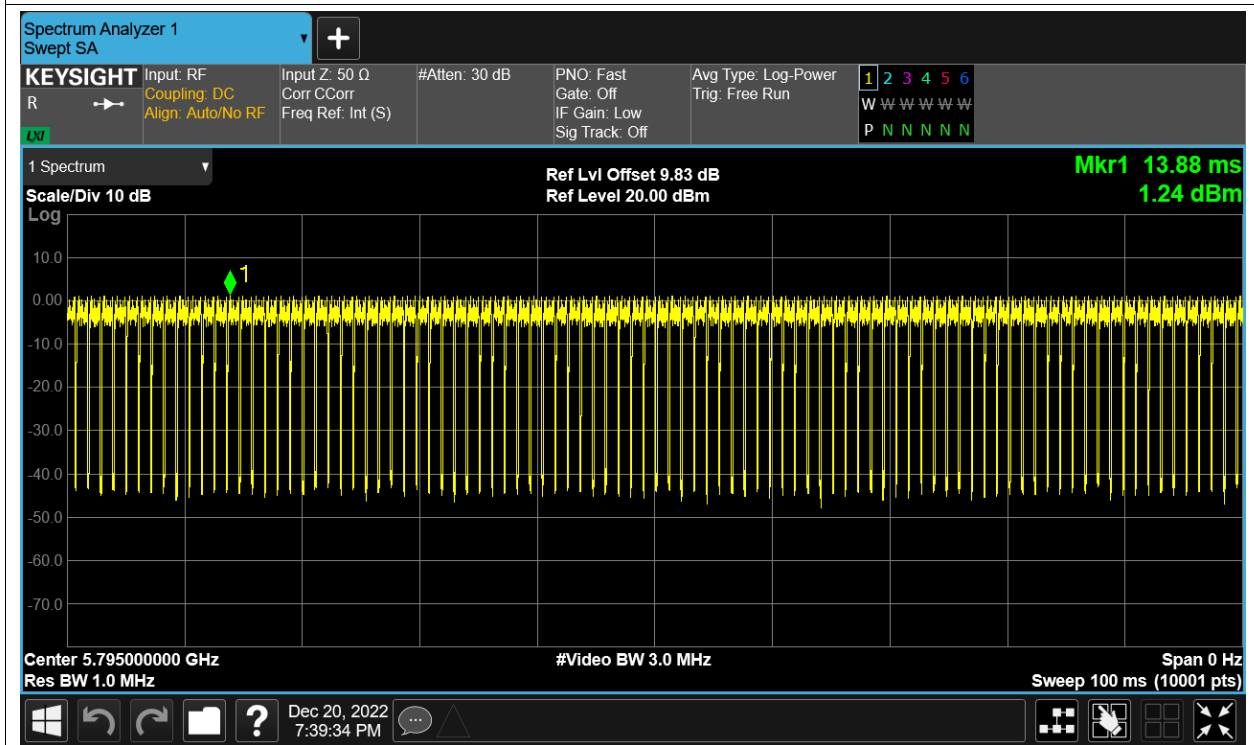
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

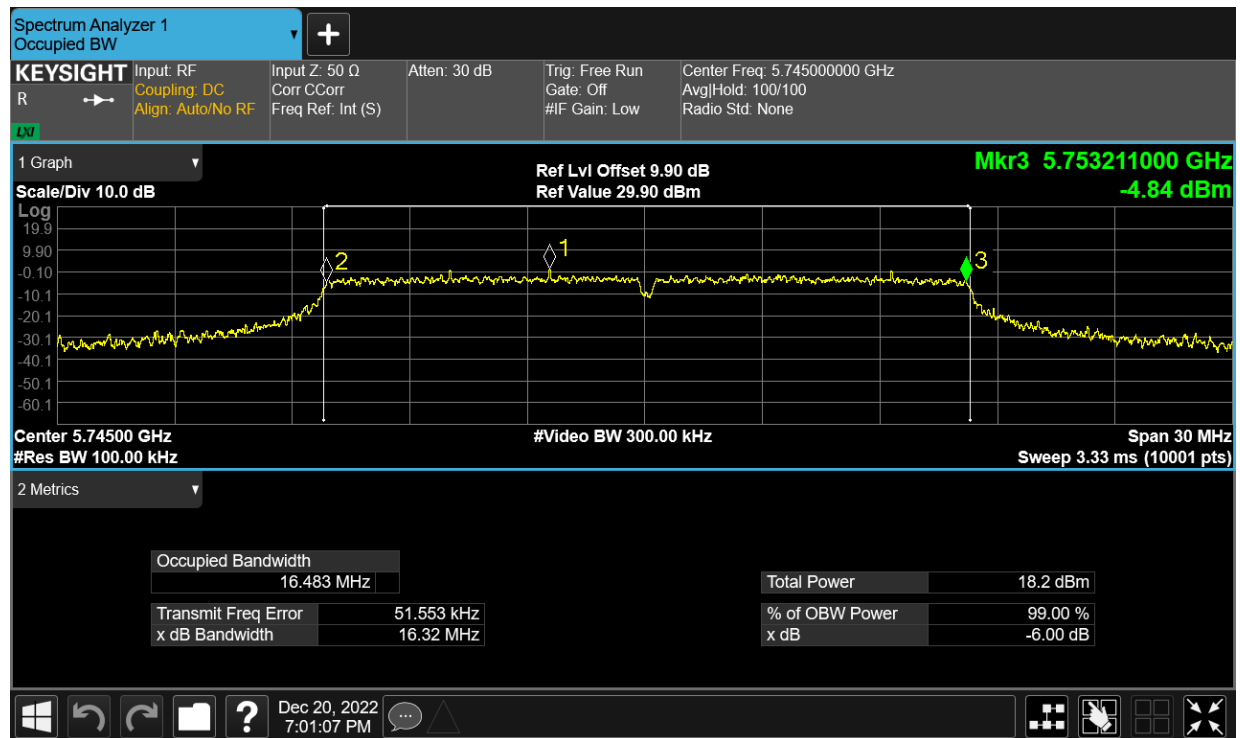
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	13.69	0.24	13.93	30	Pass
NVNT	a	5785	Ant1	13.01	0.23	13.24	30	Pass
NVNT	a	5825	Ant1	13.18	0.23	13.41	30	Pass
NVNT	n20	5745	Ant1	12.44	0.23	12.67	30	Pass
NVNT	n20	5785	Ant1	12.04	0.25	12.29	30	Pass
NVNT	n20	5825	Ant1	12.05	0.24	12.29	30	Pass
NVNT	n40	5755	Ant1	12.57	0.19	12.76	30	Pass
NVNT	n40	5795	Ant1	12.14	0.48	12.62	30	Pass

-6dB Bandwidth

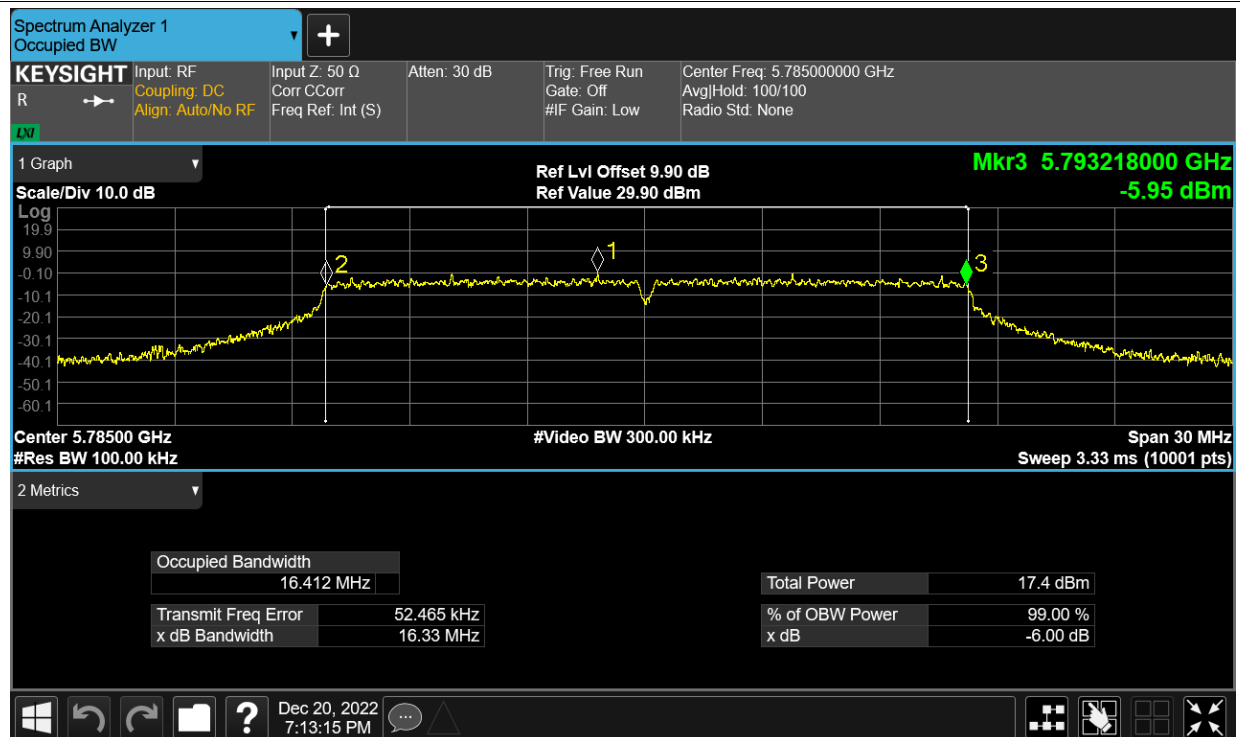
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.32	0.5	Pass
NVNT	a	5785	Ant1	16.332	0.5	Pass
NVNT	a	5825	Ant1	16.336	0.5	Pass
NVNT	n20	5745	Ant1	16.9	0.5	Pass
NVNT	n20	5785	Ant1	16.889	0.5	Pass
NVNT	n20	5825	Ant1	16.556	0.5	Pass
NVNT	n40	5755	Ant1	35.058	0.5	Pass
NVNT	n40	5795	Ant1	35.004	0.5	Pass

Test Graphs

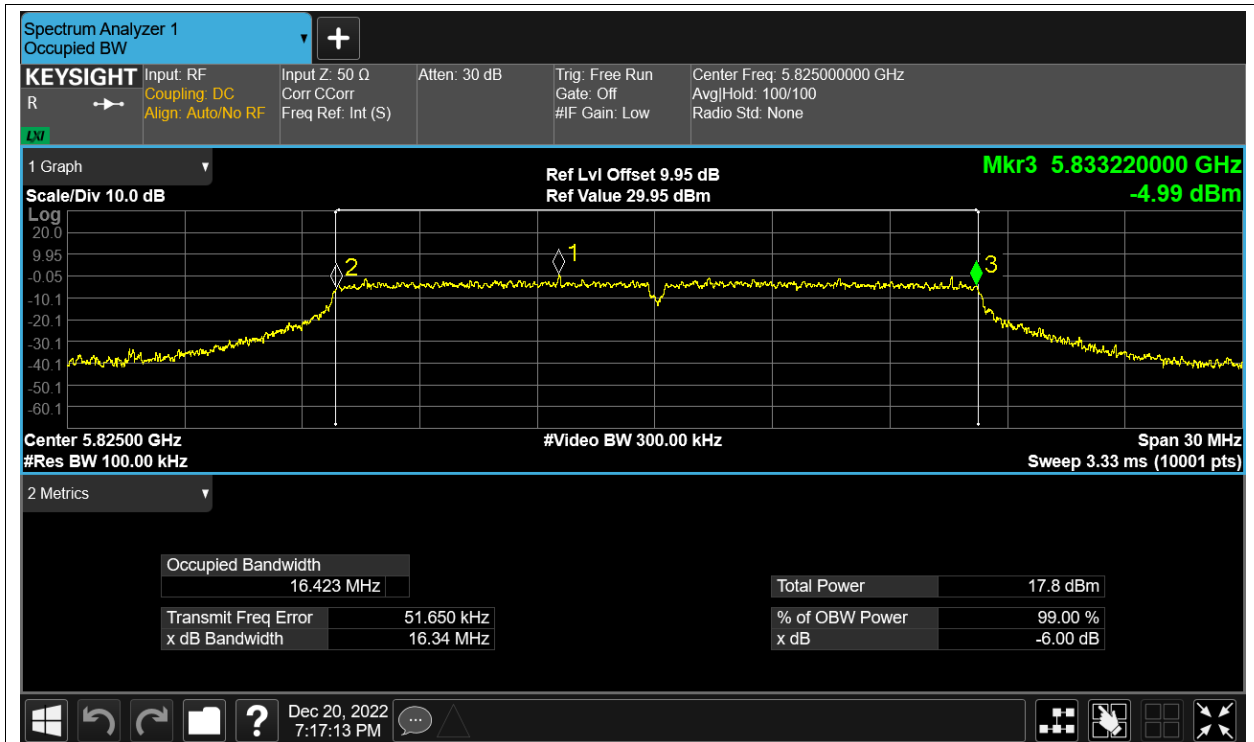
-6dB Bandwidth NVNT a 5745MHz Ant1



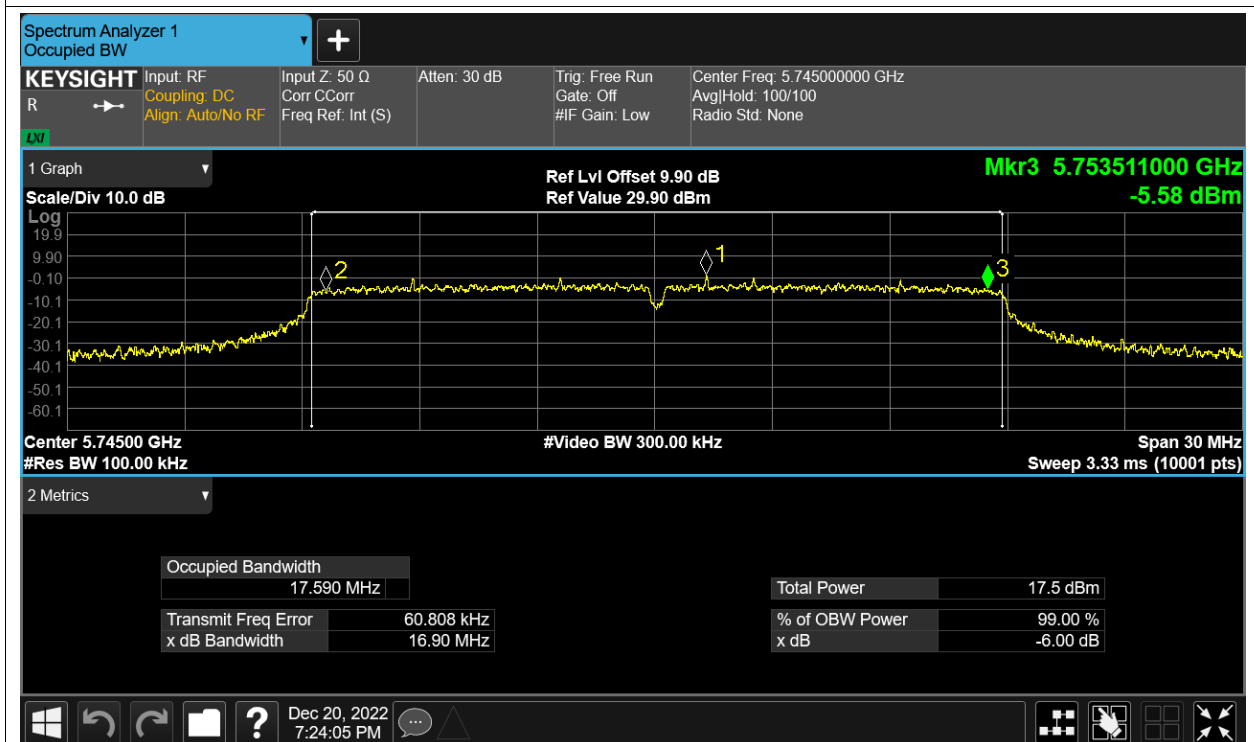
-6dB Bandwidth NVNT a 5785MHz Ant1



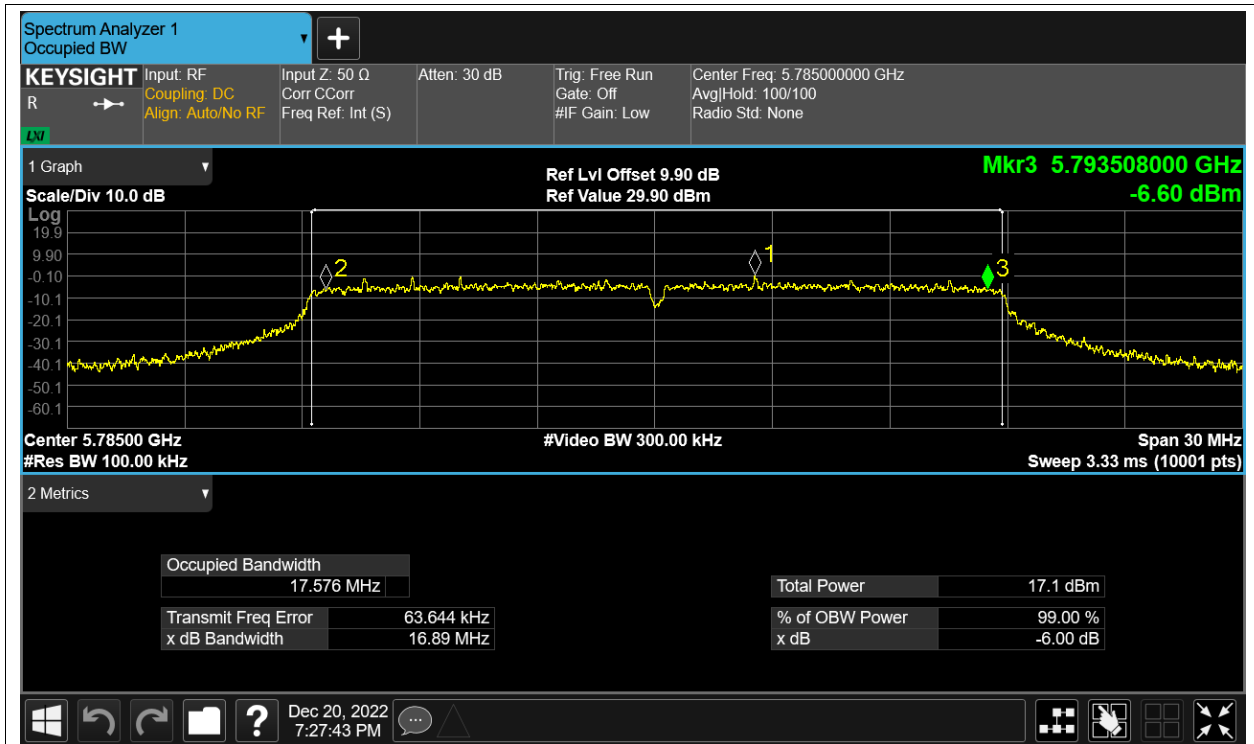
-6dB Bandwidth NVNT a 5825MHz Ant1



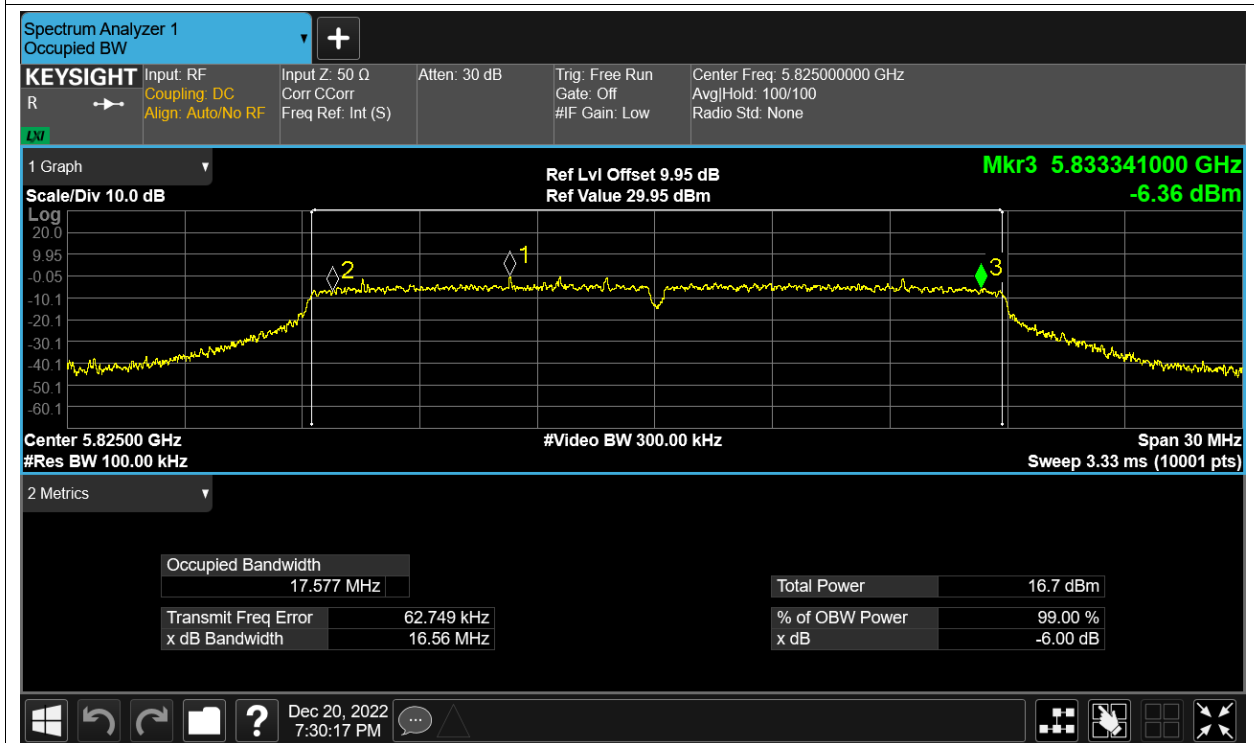
-6dB Bandwidth NVNT n20 5745MHz Ant1



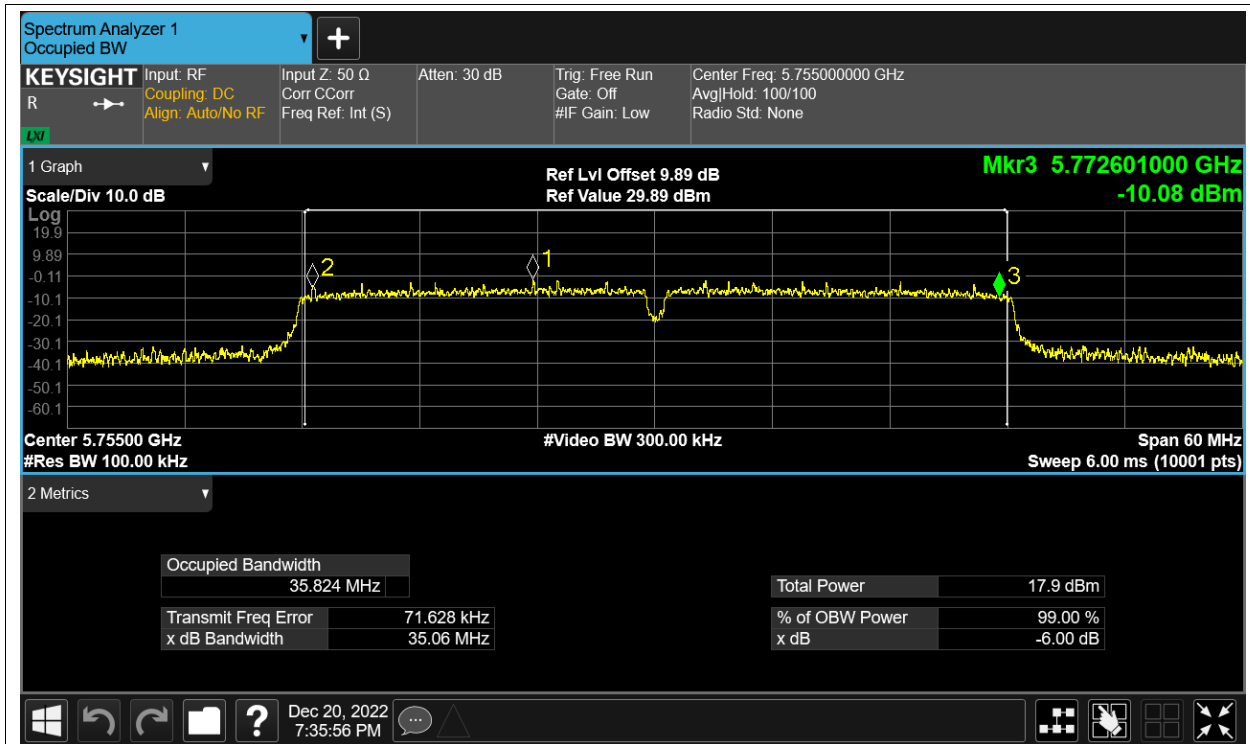
-6dB Bandwidth NVNT n20 5785MHz Ant1



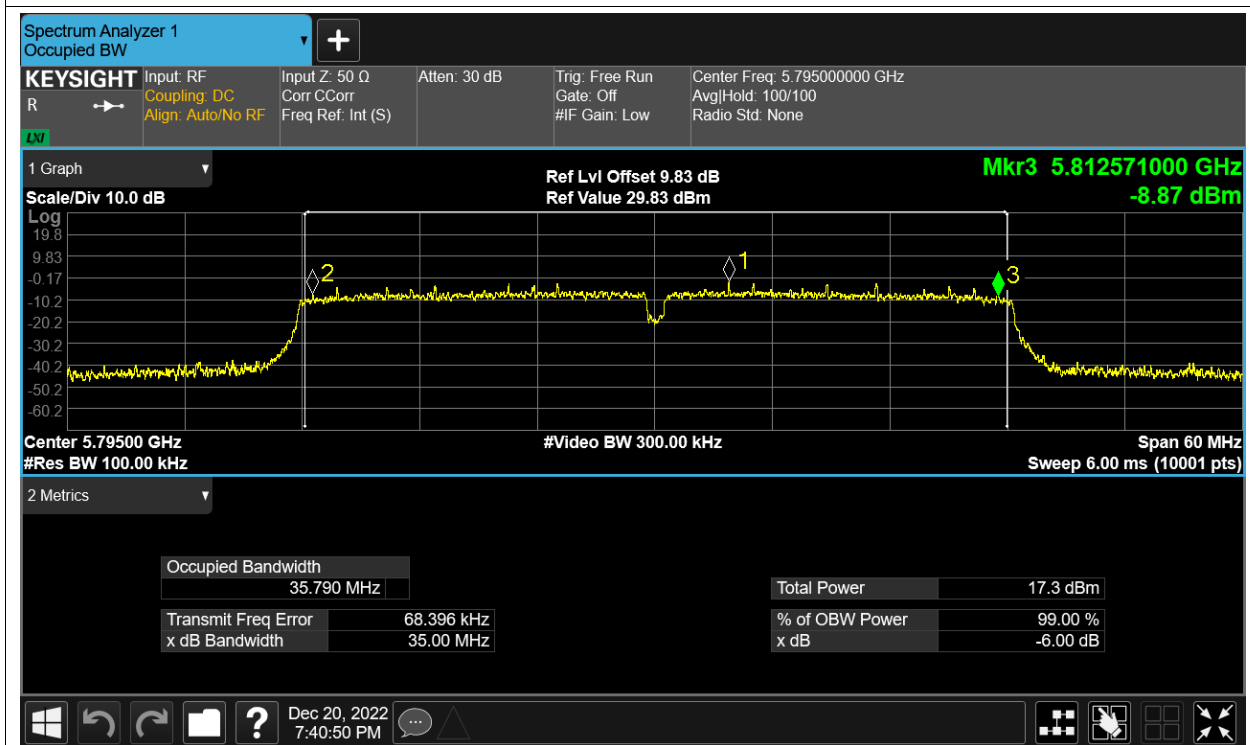
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

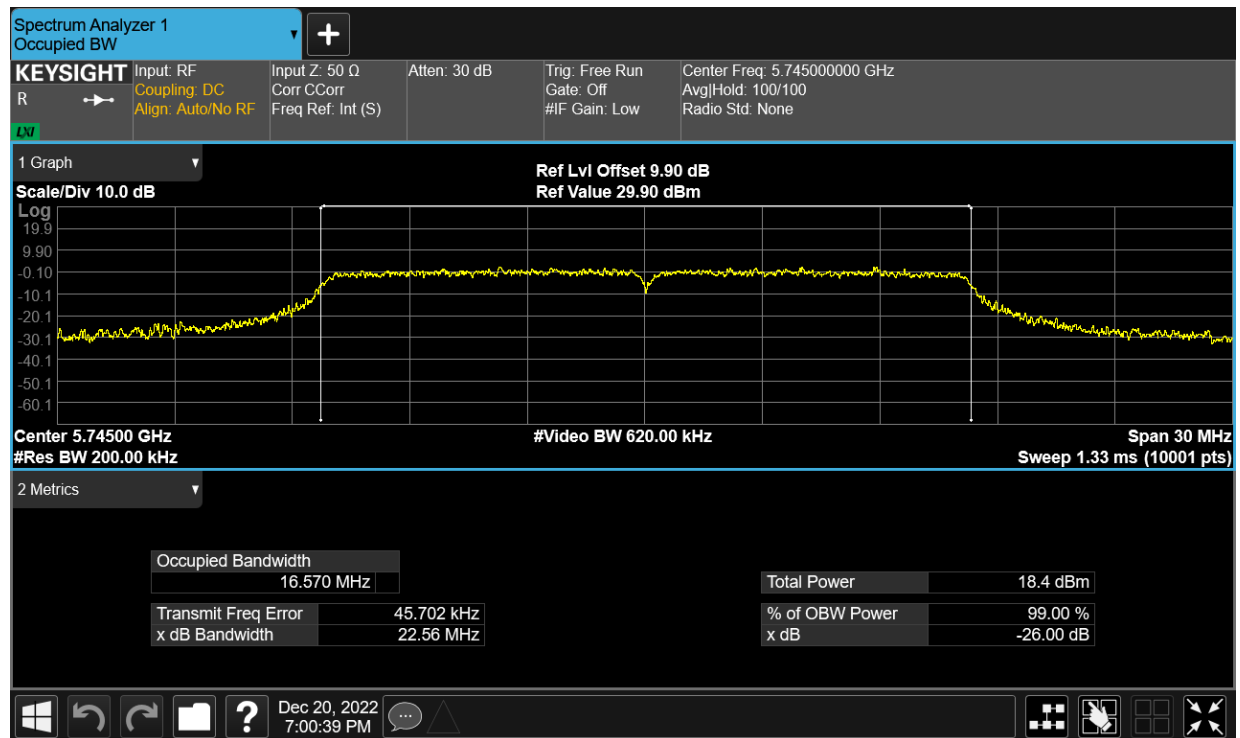


Occupied Channel Bandwidth

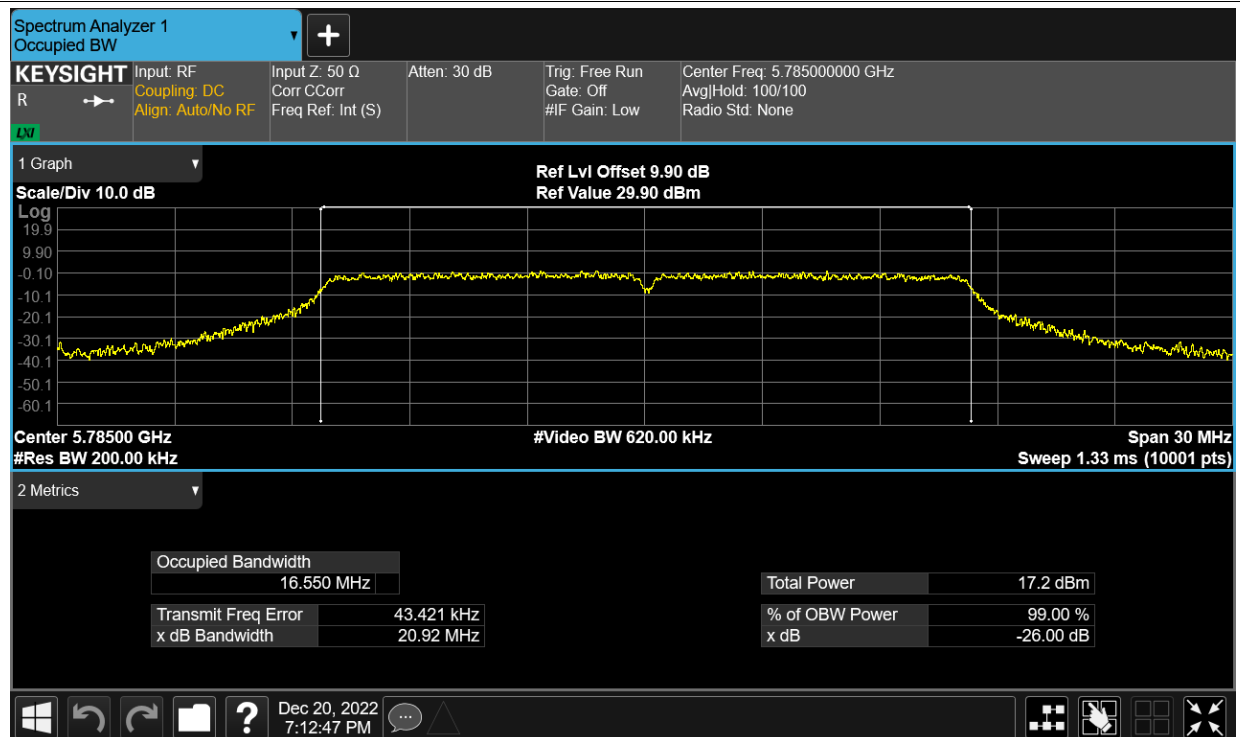
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.57
NVNT	a	5785	Ant1	16.55
NVNT	a	5825	Ant1	16.524
NVNT	n20	5745	Ant1	17.643
NVNT	n20	5785	Ant1	17.599
NVNT	n20	5825	Ant1	17.661
NVNT	n40	5755	Ant1	35.85
NVNT	n40	5795	Ant1	35.804

Test Graphs

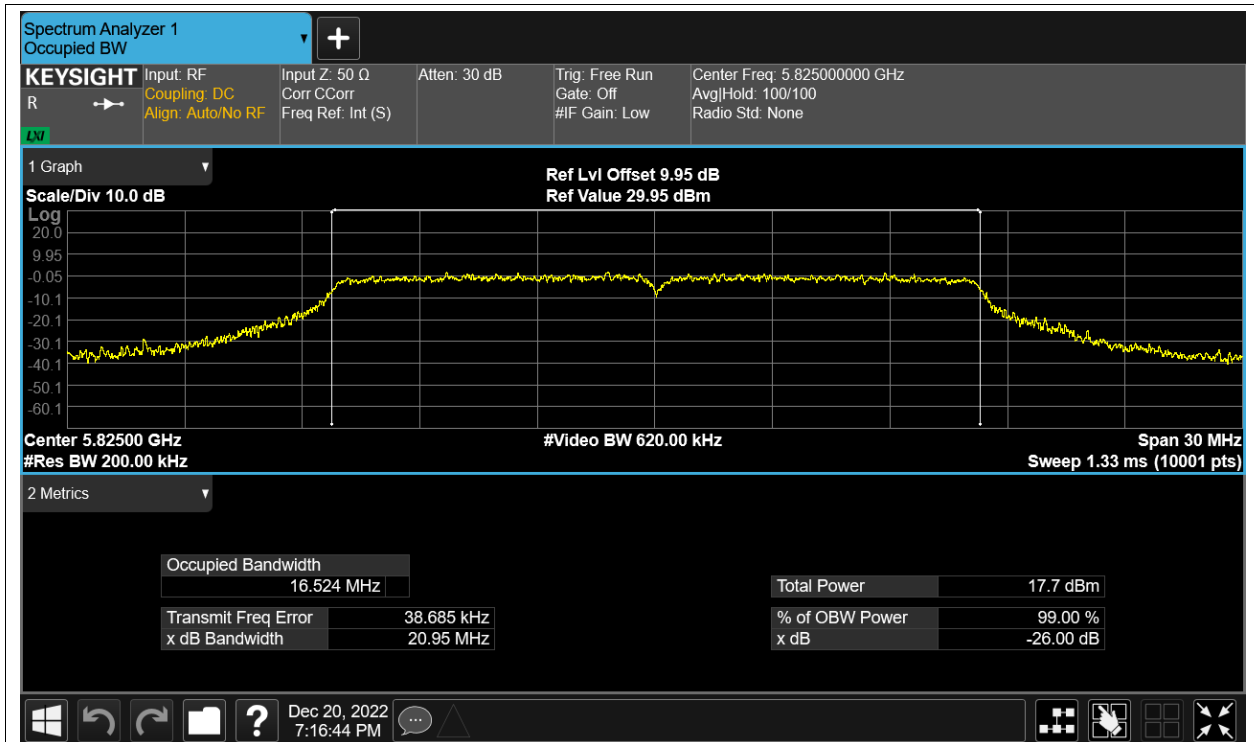
OBW NVNT a 5745MHz Ant1



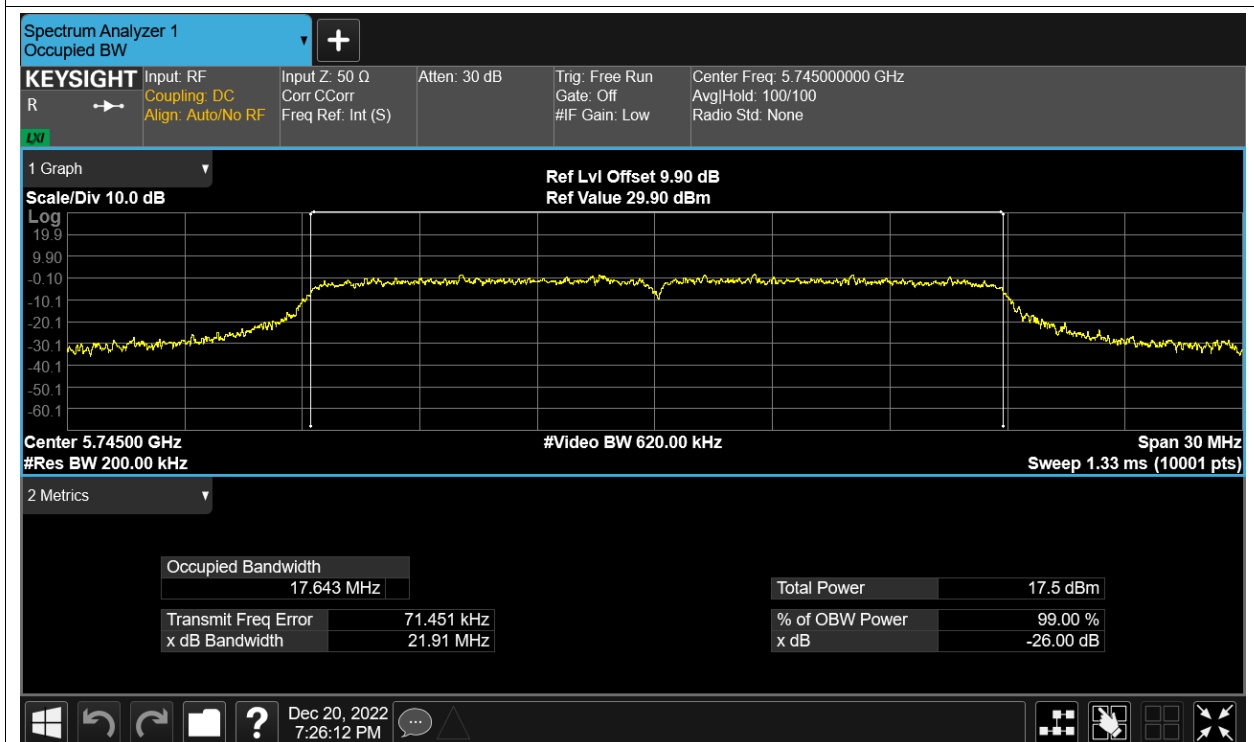
OBW NVNT a 5785MHz Ant1



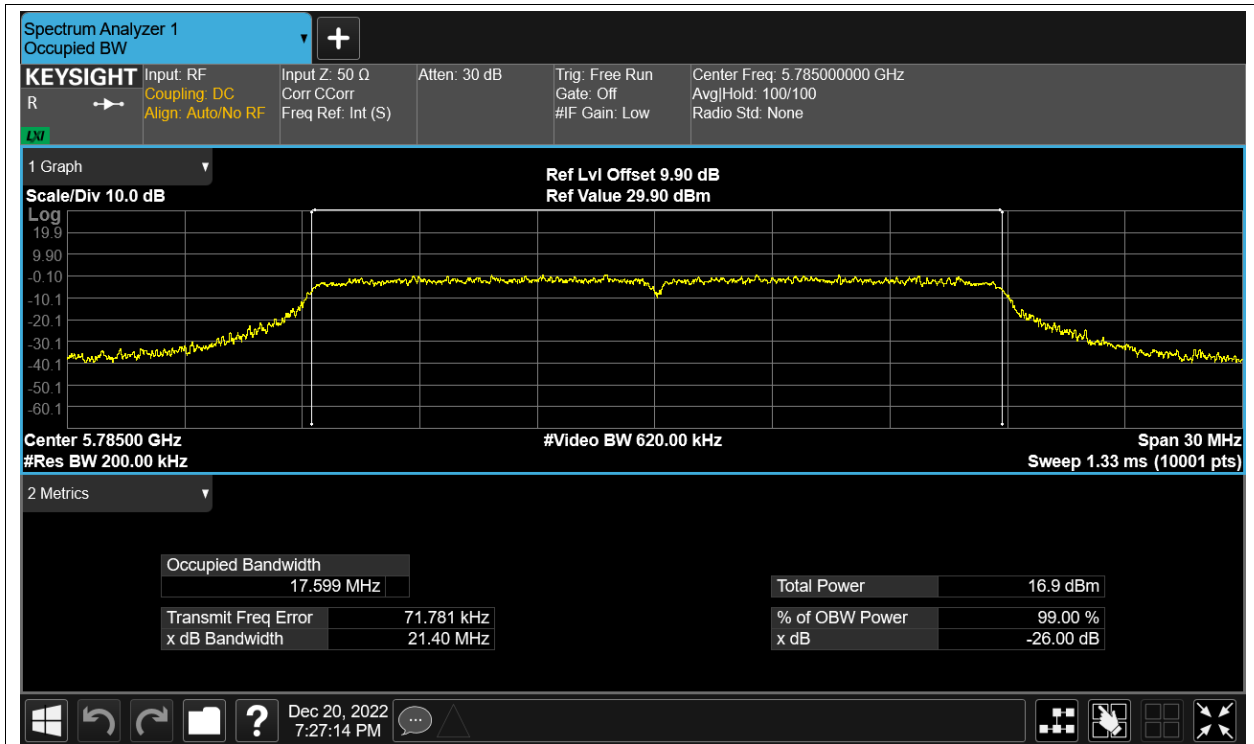
OBW NVNT a 5825MHz Ant1



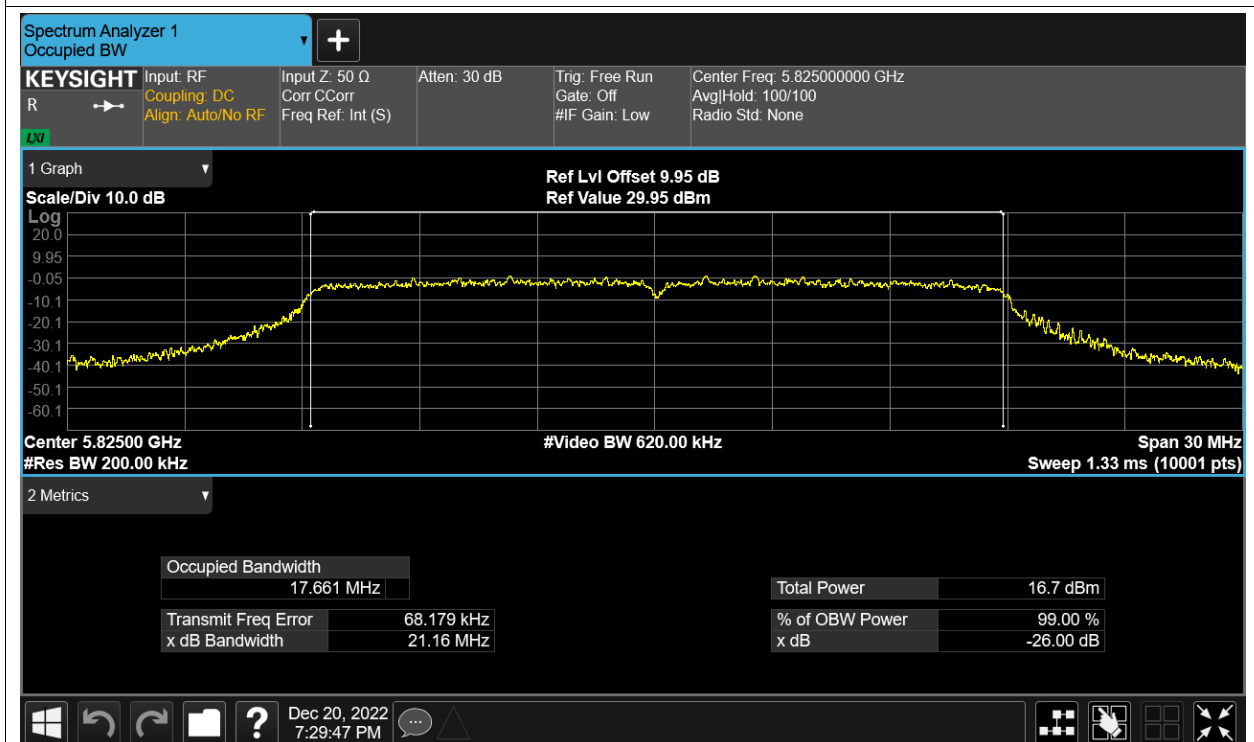
OBW NVNT n20 5745MHz Ant1



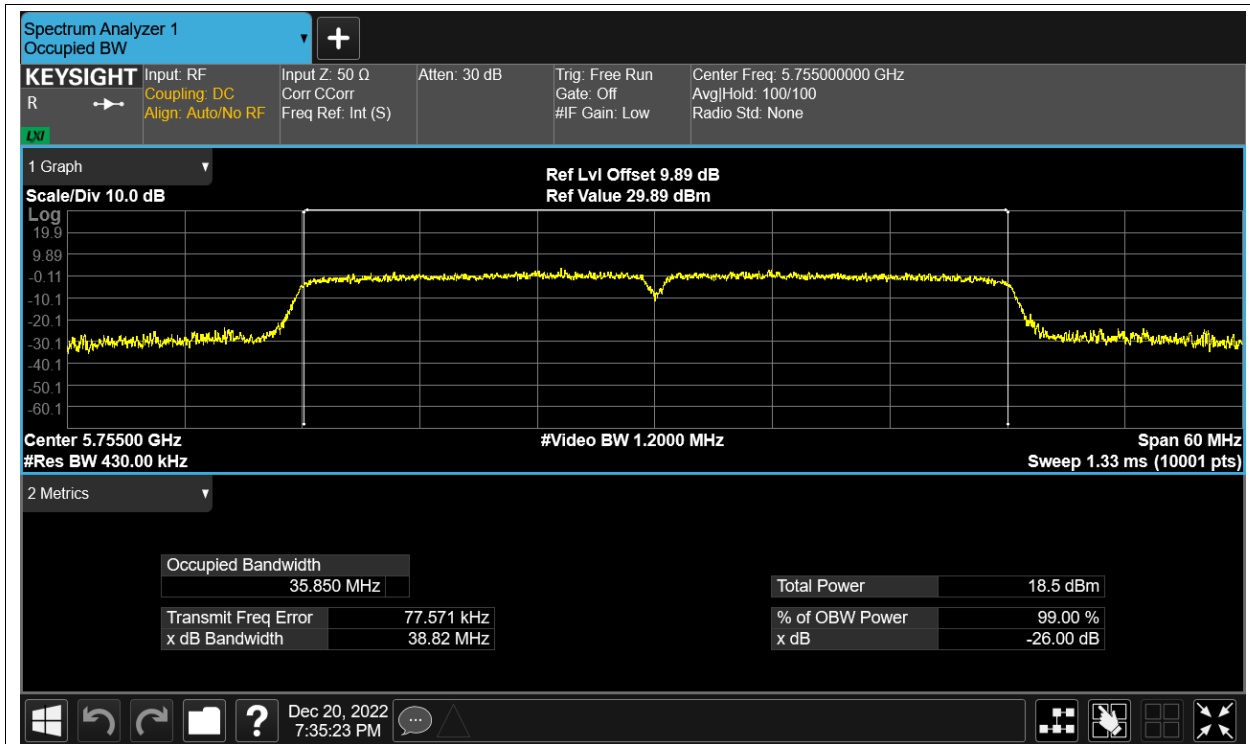
OBW NVNT n20 5785MHz Ant1



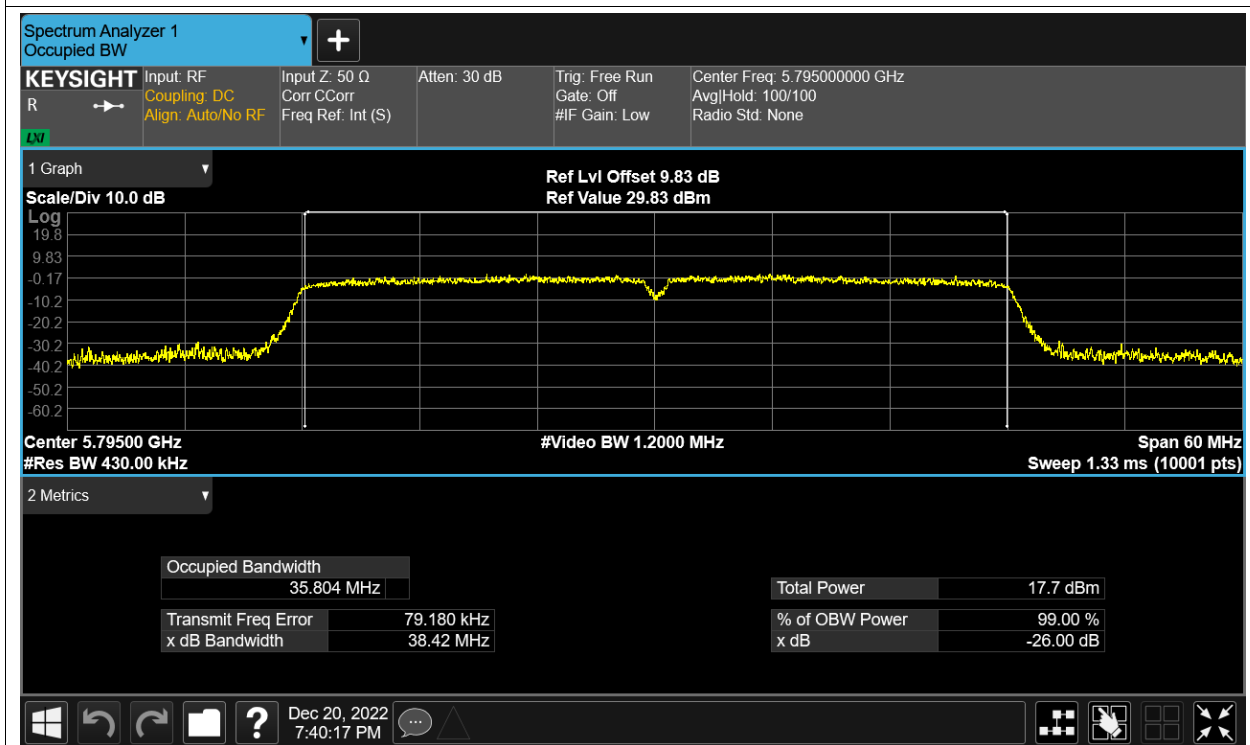
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

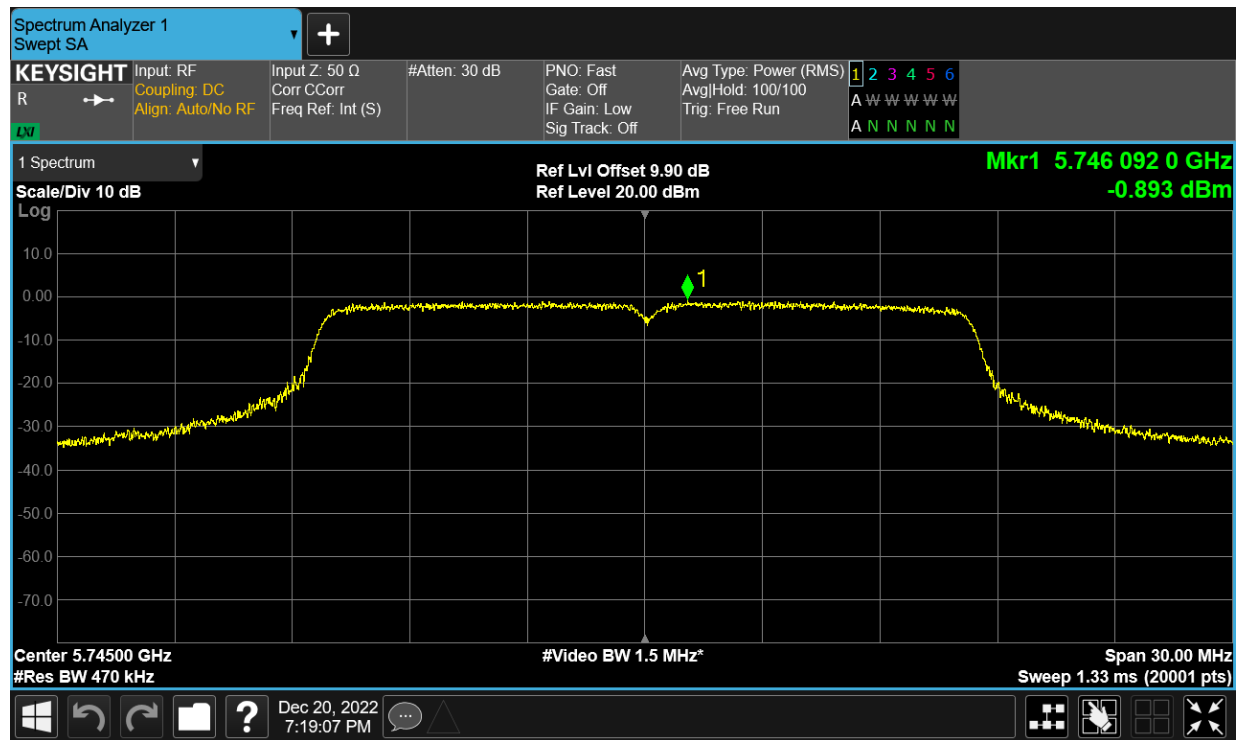


Maximum Power Spectral Density Level

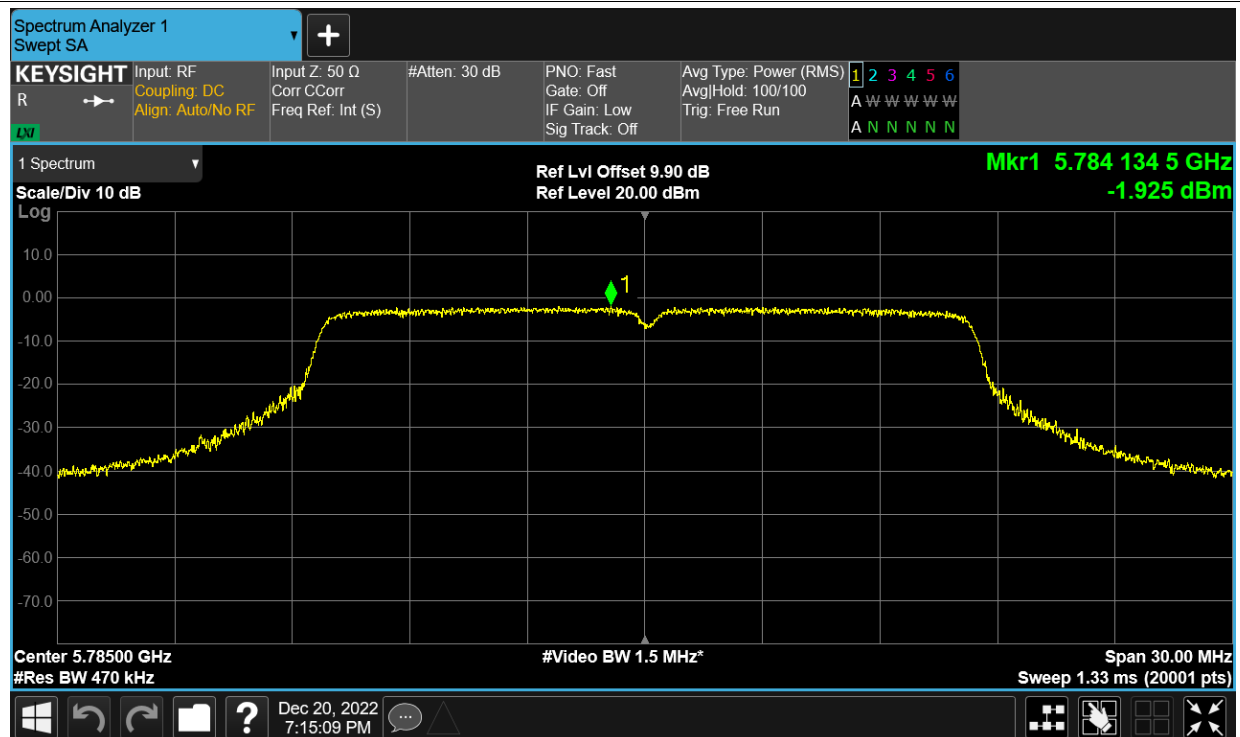
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.893	30	Pass
NVNT	a	5785	Ant1	-1.925	30	Pass
NVNT	a	5825	Ant1	-2.072	30	Pass
NVNT	n20	5745	Ant1	-2.288	30	Pass
NVNT	n20	5785	Ant1	-3.053	30	Pass
NVNT	n20	5825	Ant1	-3.208	30	Pass
NVNT	n40	5755	Ant1	-4.602	30	Pass
NVNT	n40	5795	Ant1	-4.885	30	Pass

Test Graphs

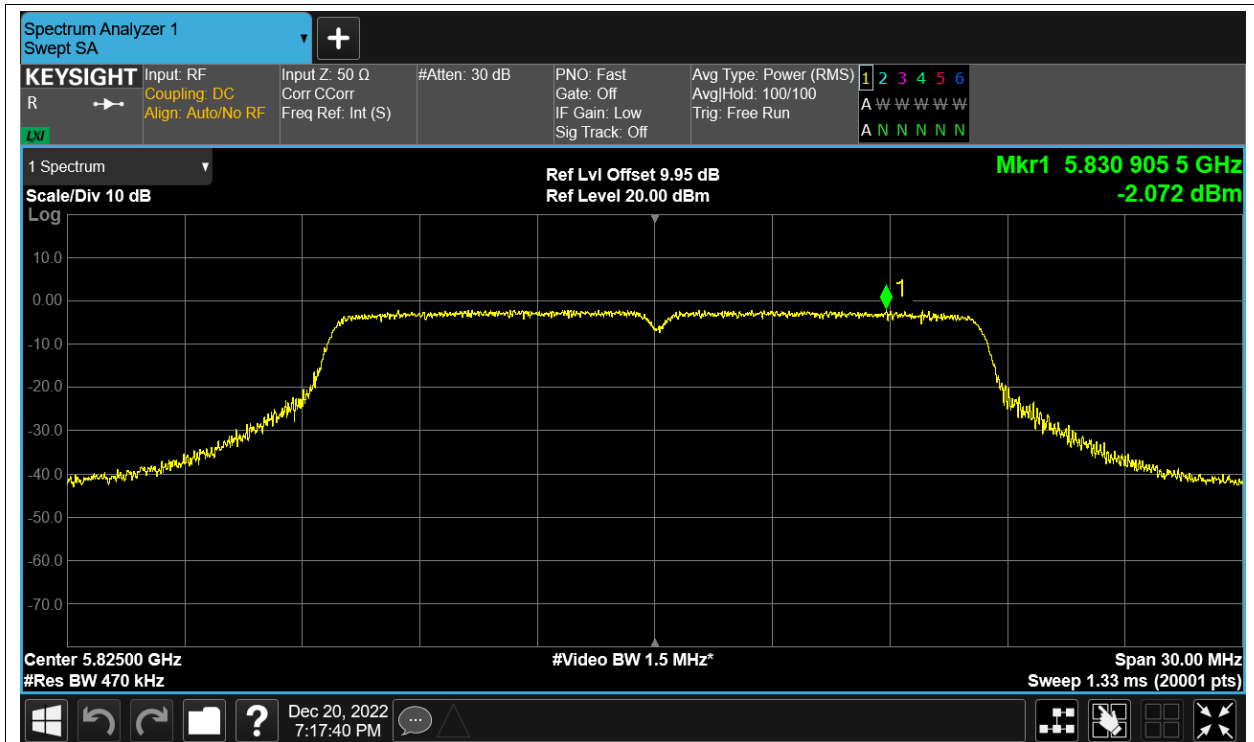
PSD NVNT a 5745MHz Ant1



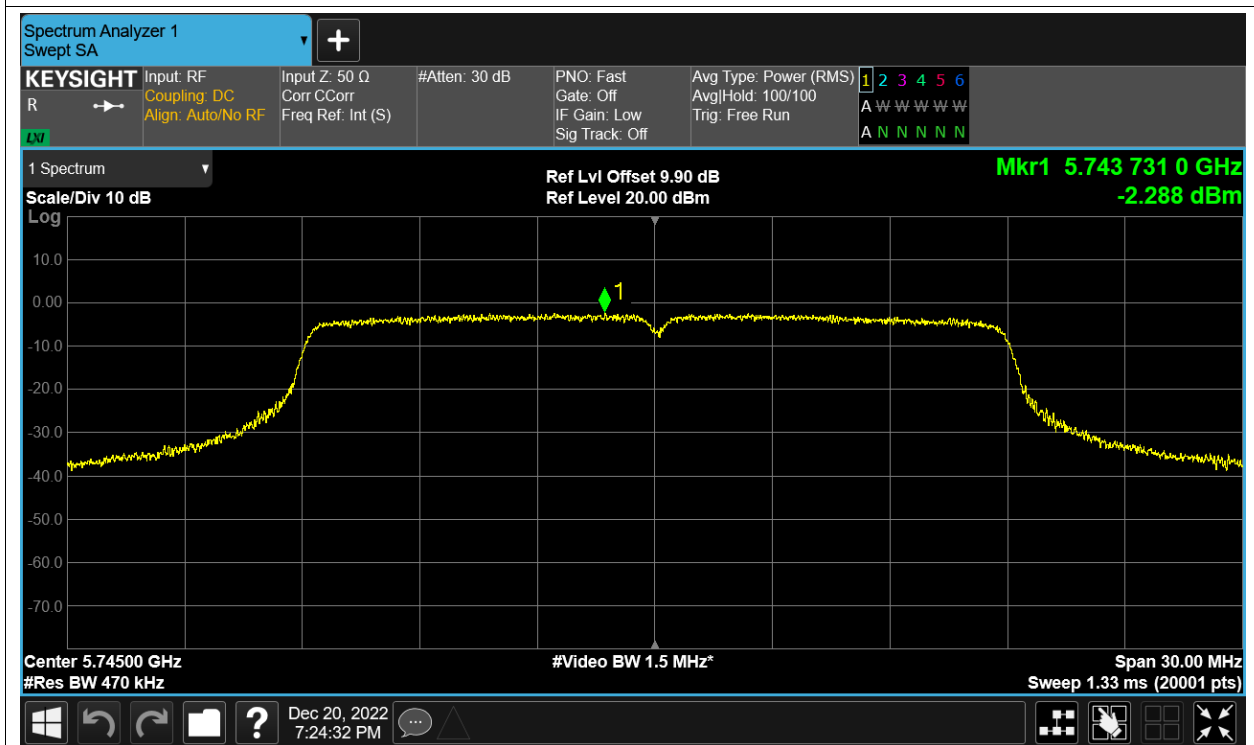
PSD NVNT a 5785MHz Ant1



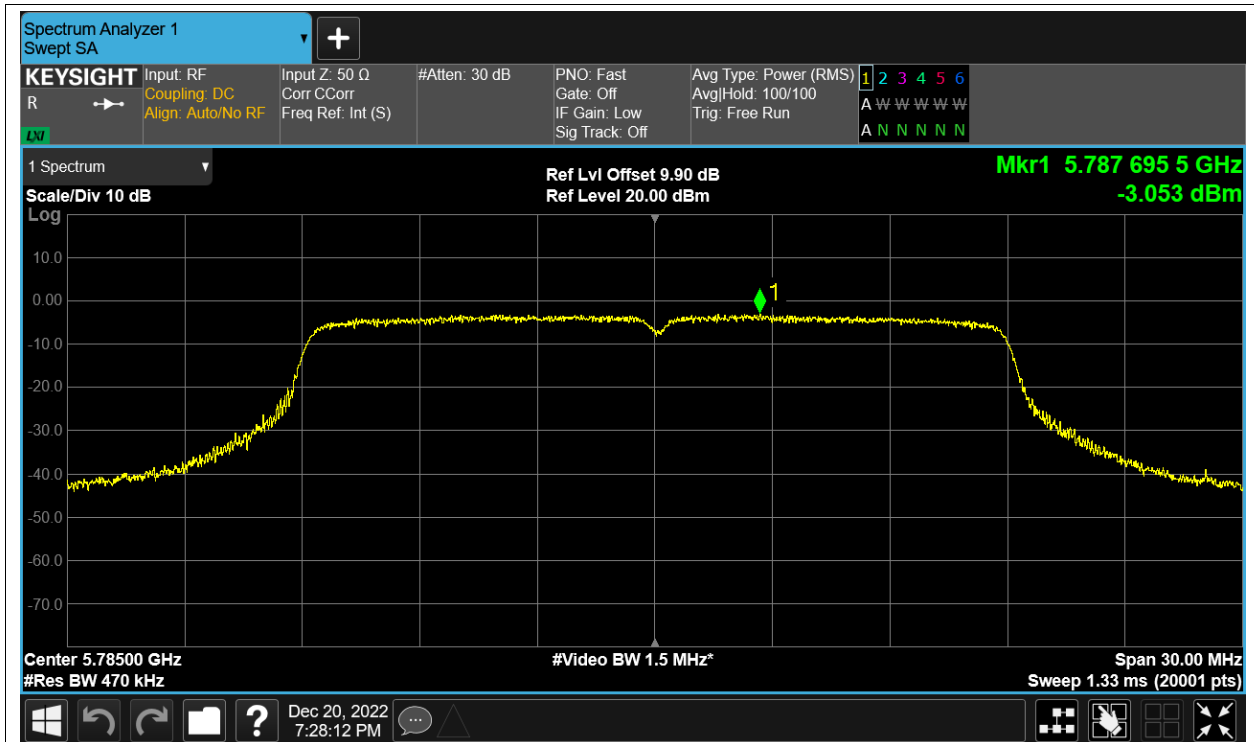
PSD NVNT a 5825MHz Ant1



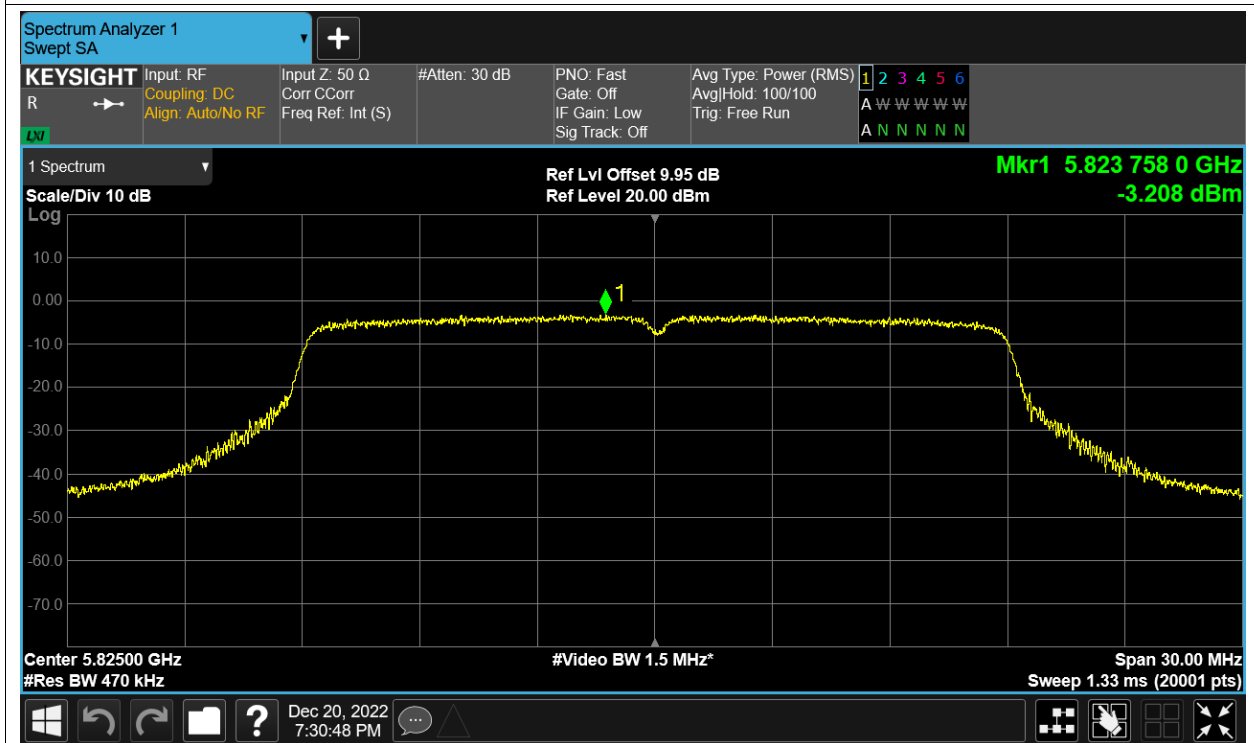
PSD NVNT n20 5745MHz Ant1



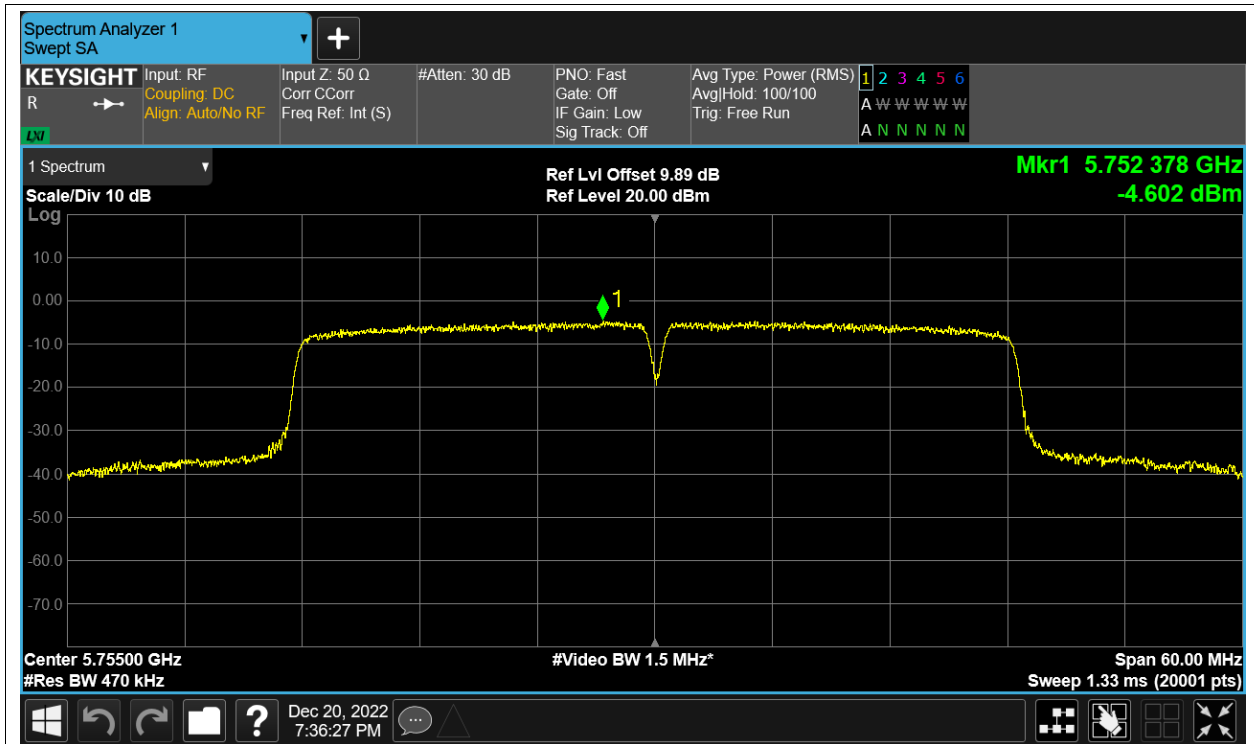
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

