

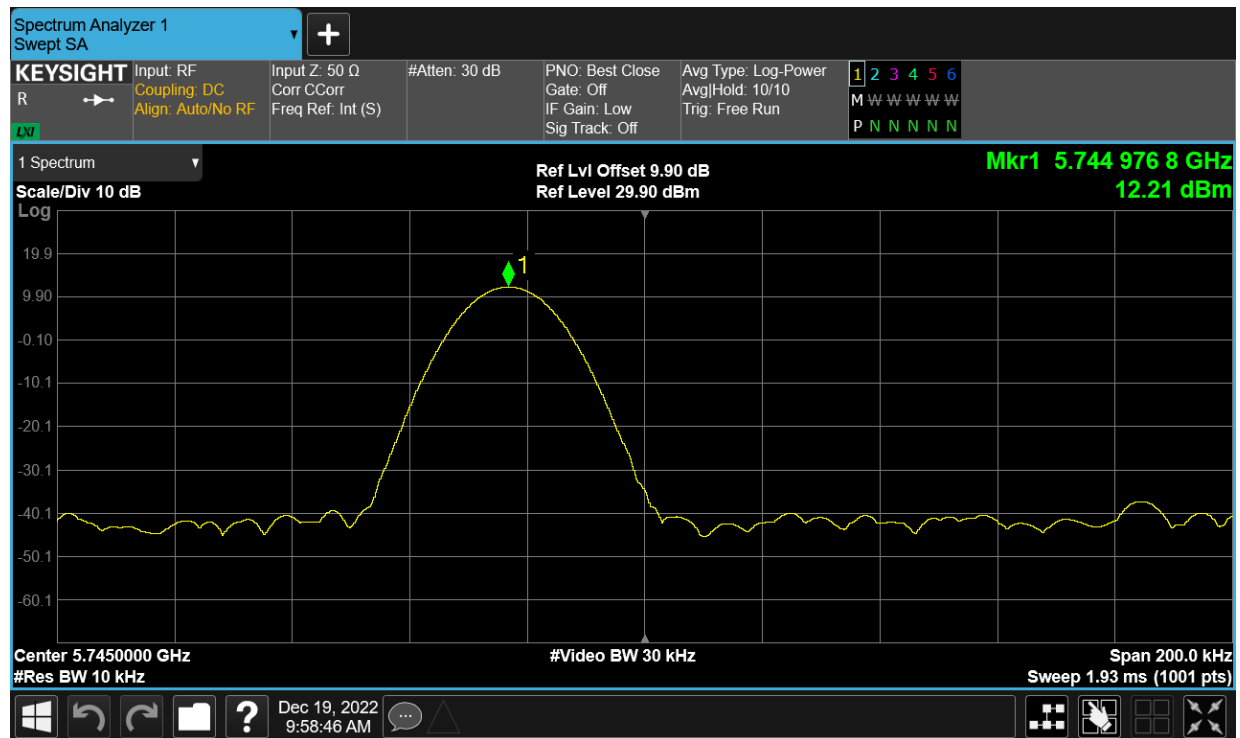
Test Data

Frequency Stability

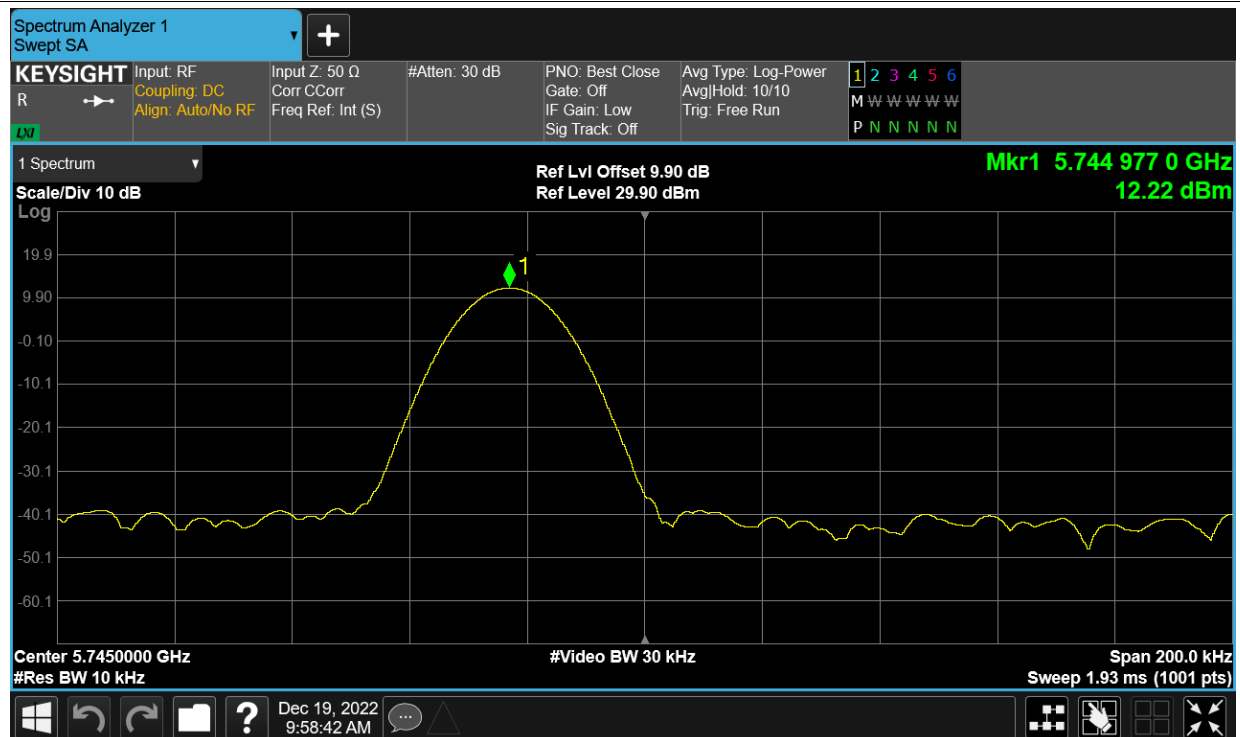
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.9768	-4.04	25	Pass
LVNT	a	5745	Ant1	5744.977	-4	25	Pass
NVHT	a	5745	Ant1	5744.977	-4	25	Pass
NVLT	a	5745	Ant1	5744.9772	-3.97	25	Pass
NVNT	a	5745	Ant1	5744.9782	-3.79	25	Pass
HVNT	ac80	5775	Ant1	5774.9744	-4.43	25	Pass
LVNT	ac80	5775	Ant1	5774.9744	-4.43	25	Pass
NVHT	ac80	5775	Ant1	5774.9748	-4.36	25	Pass
NVLT	ac80	5775	Ant1	5774.9752	-4.29	25	Pass
NVNT	ac80	5775	Ant1	5774.976	-4.16	25	Pass
HVNT	n40	5755	Ant1	5754.9742	-4.48	25	Pass
LVNT	n40	5755	Ant1	5754.9744	-4.45	25	Pass
NVHT	n40	5755	Ant1	5754.9748	-4.38	25	Pass
NVLT	n40	5755	Ant1	5754.9752	-4.31	25	Pass
NVNT	n40	5755	Ant1	5754.976	-4.17	25	Pass

Test Graphs

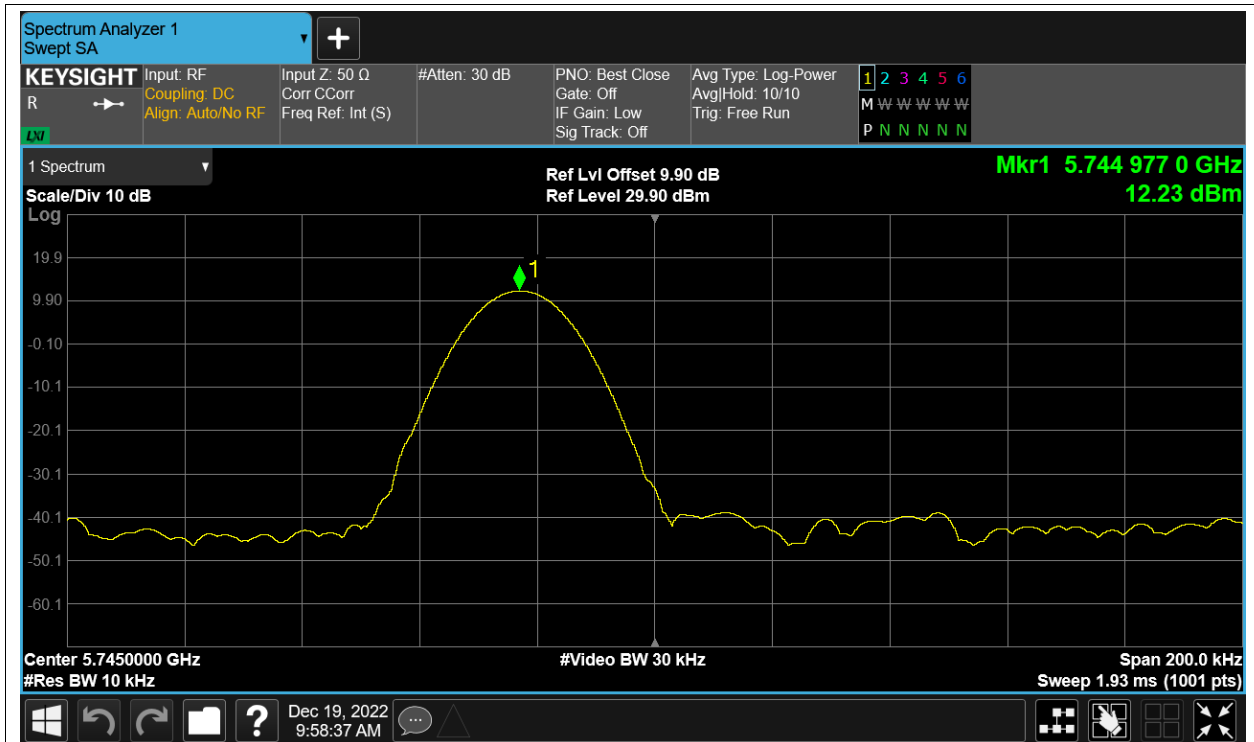
Freq. Stability HVNT a 5745MHz Ant1



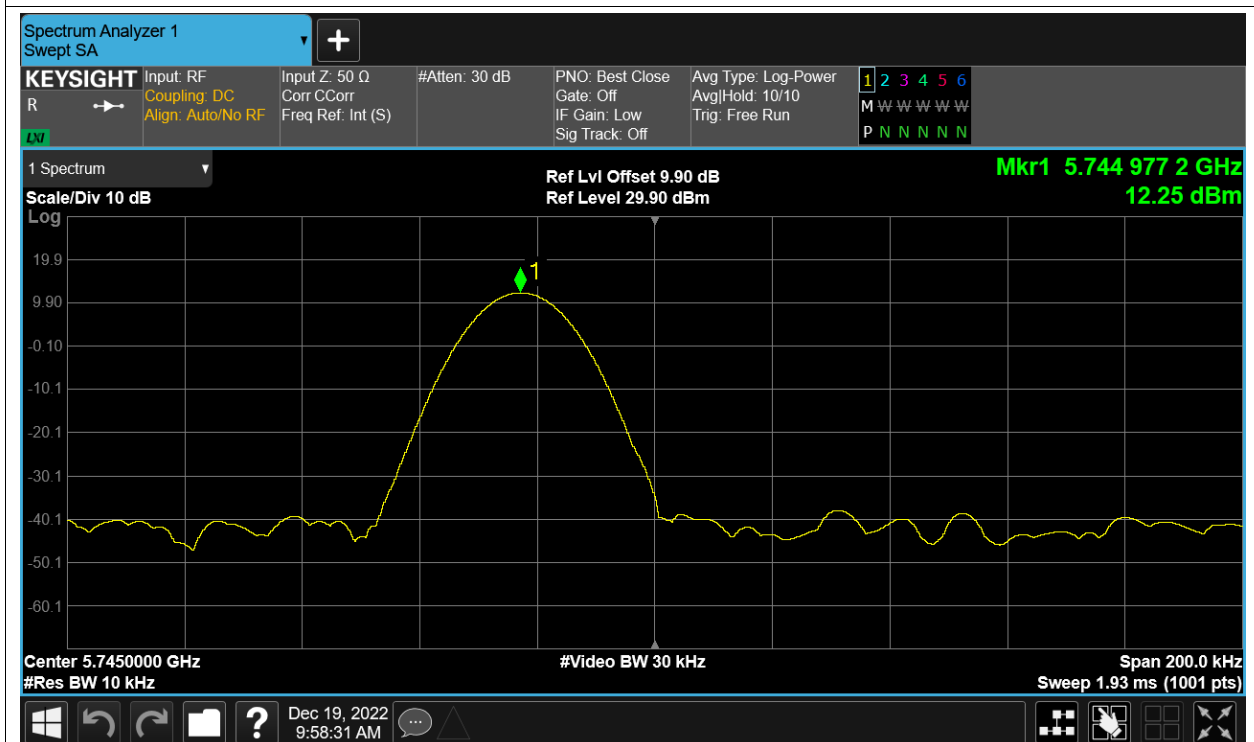
Freq. Stability LVNT a 5745MHz Ant1



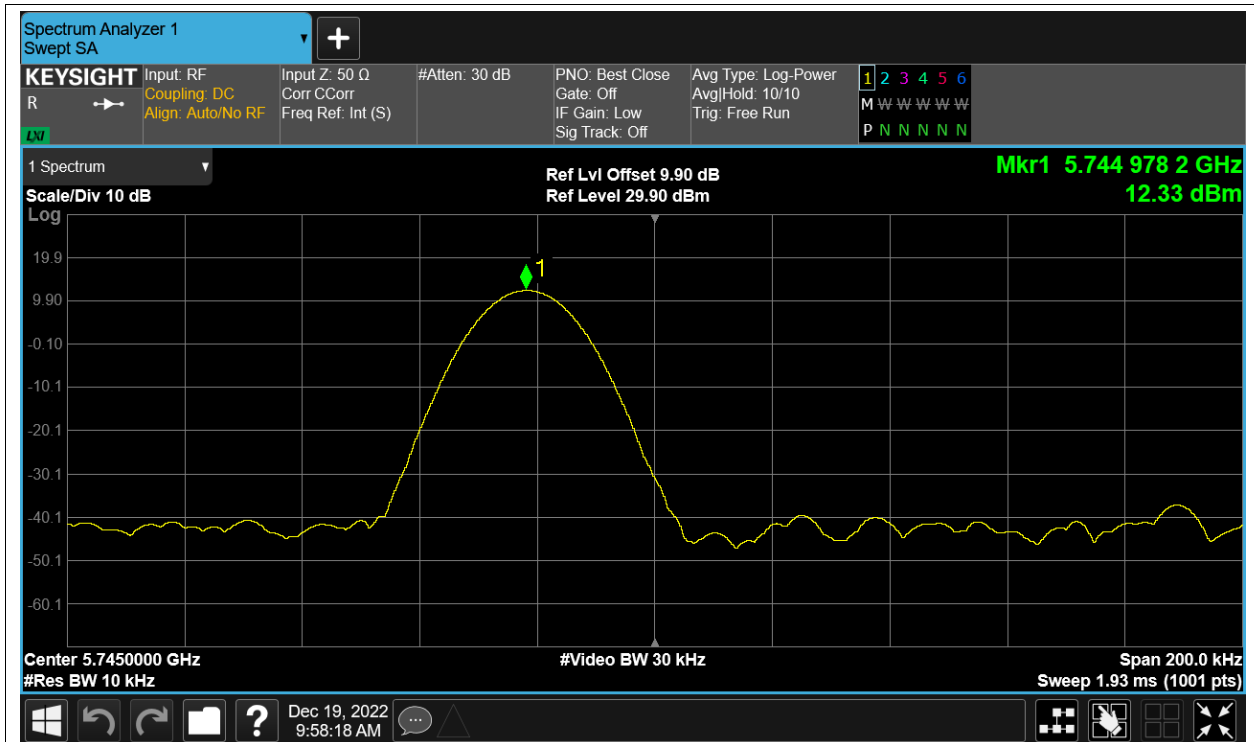
Freq. Stability NVHT a 5745MHz Ant1



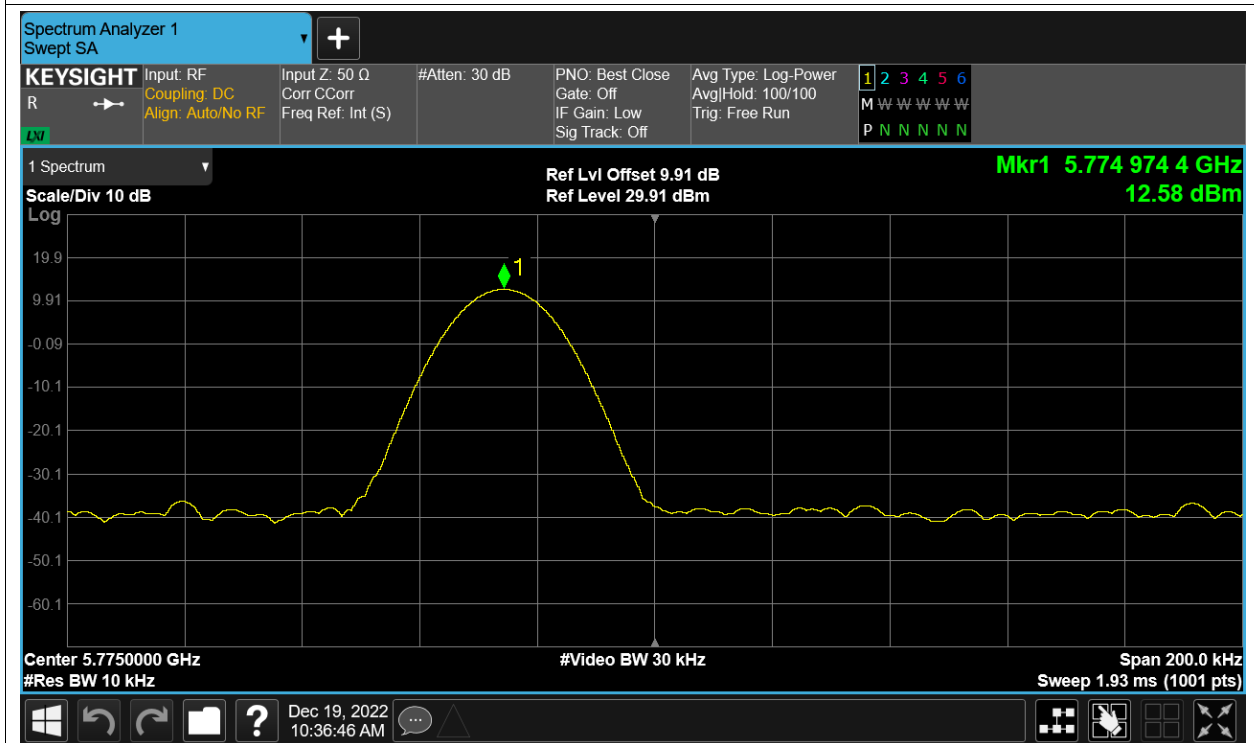
Freq. Stability NVLT a 5745MHz Ant1



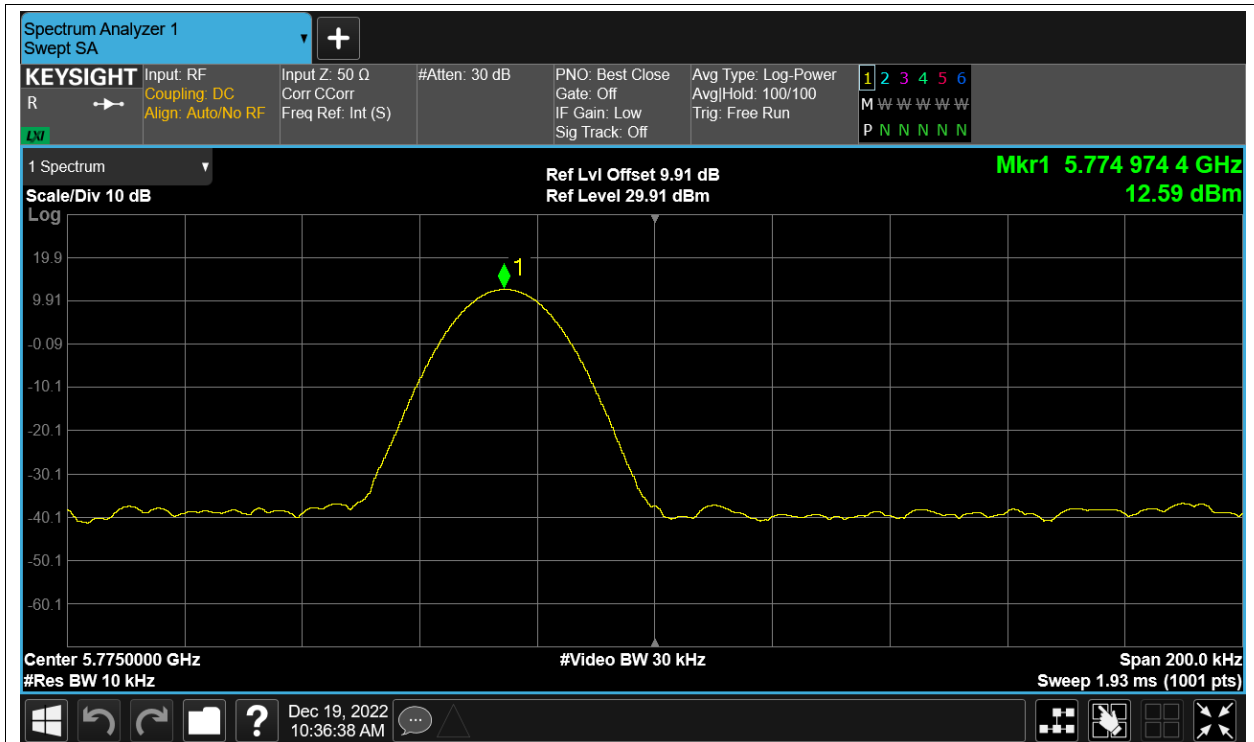
Freq. Stability NVNT a 5745MHz Ant1



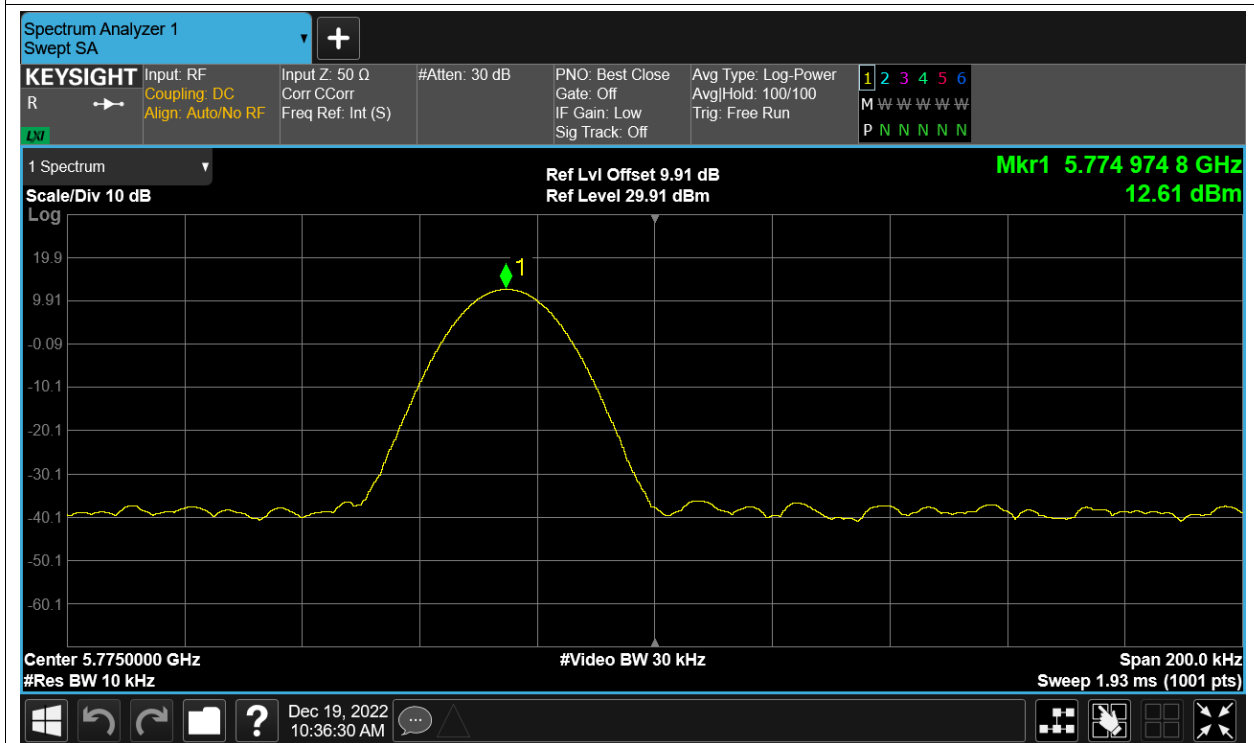
Freq. Stability HVNT ac80 5775MHz Ant1



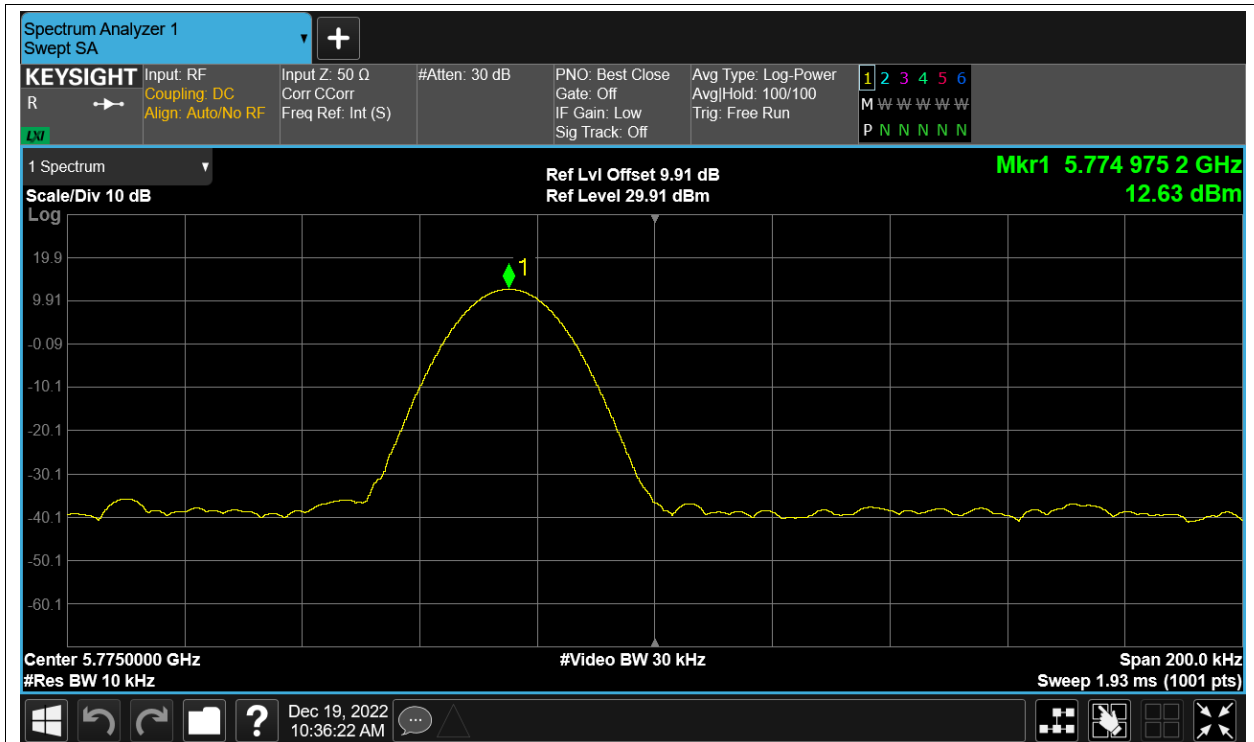
Freq. Stability LVNT ac80 5775MHz Ant1



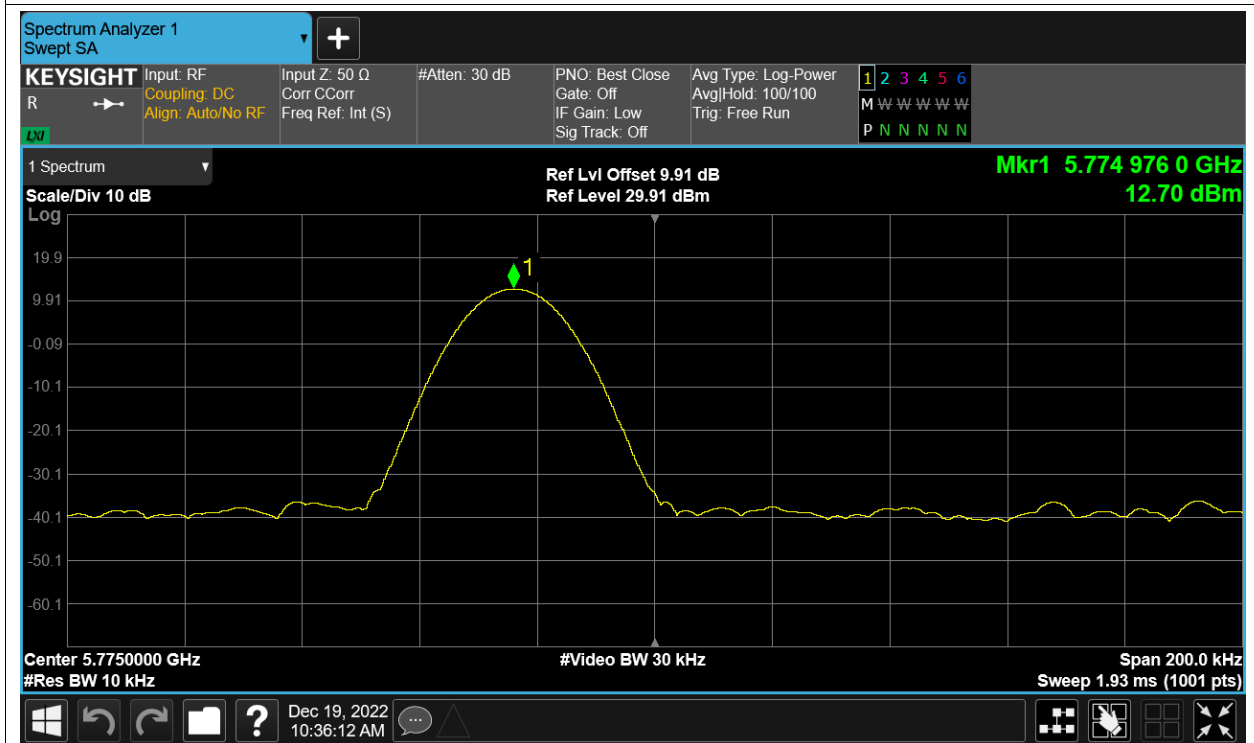
Freq. Stability NVHT ac80 5775MHz Ant1



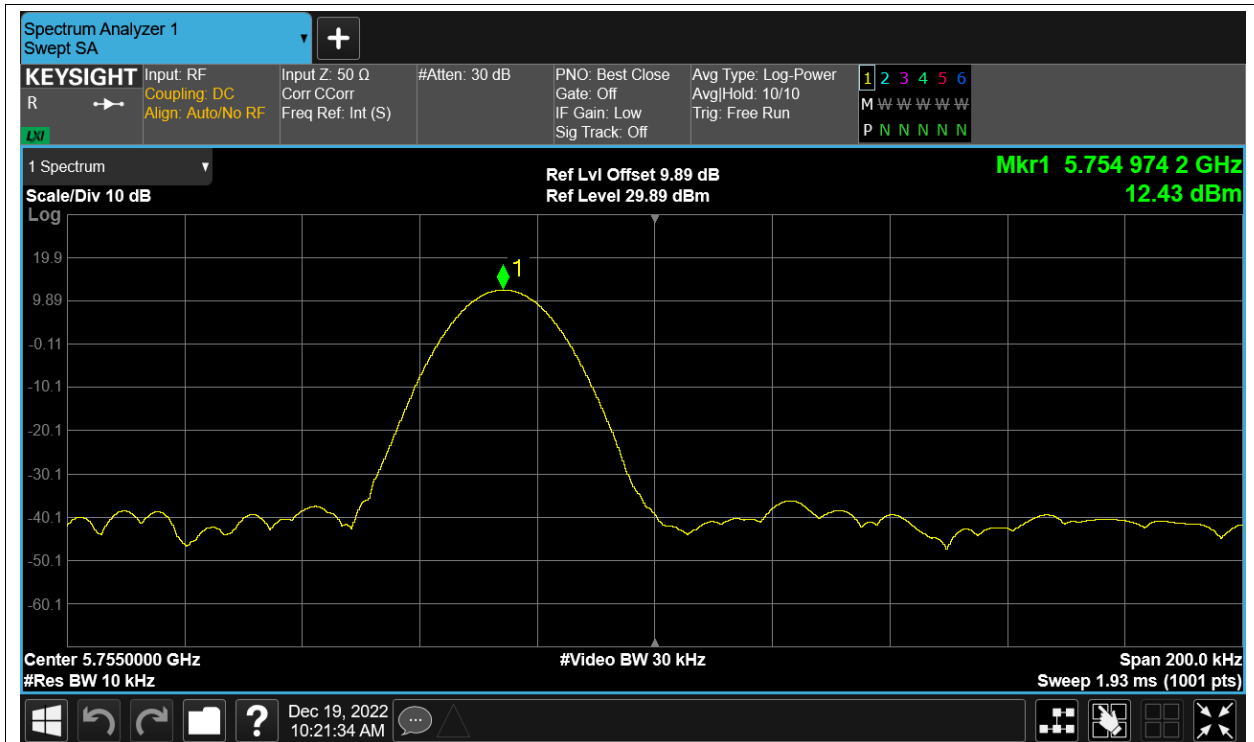
Freq. Stability NVLT ac80 5775MHz Ant1



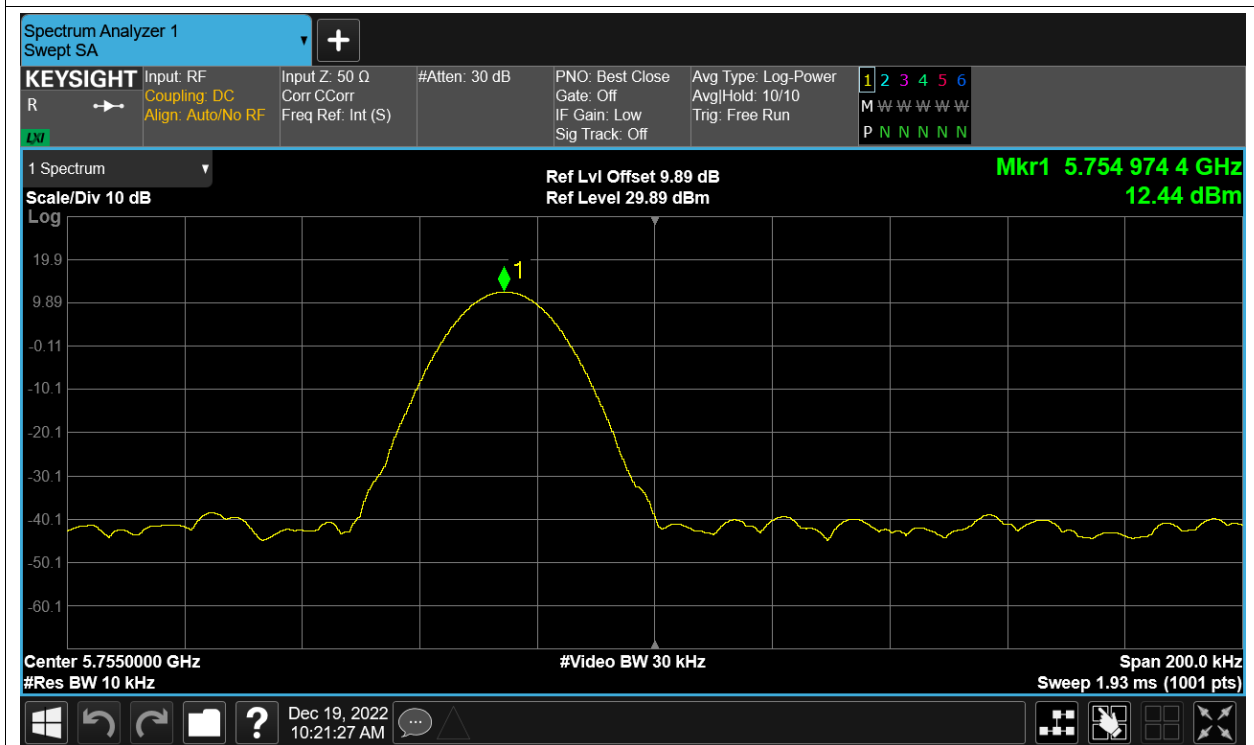
Freq. Stability NVNT ac80 5775MHz Ant1



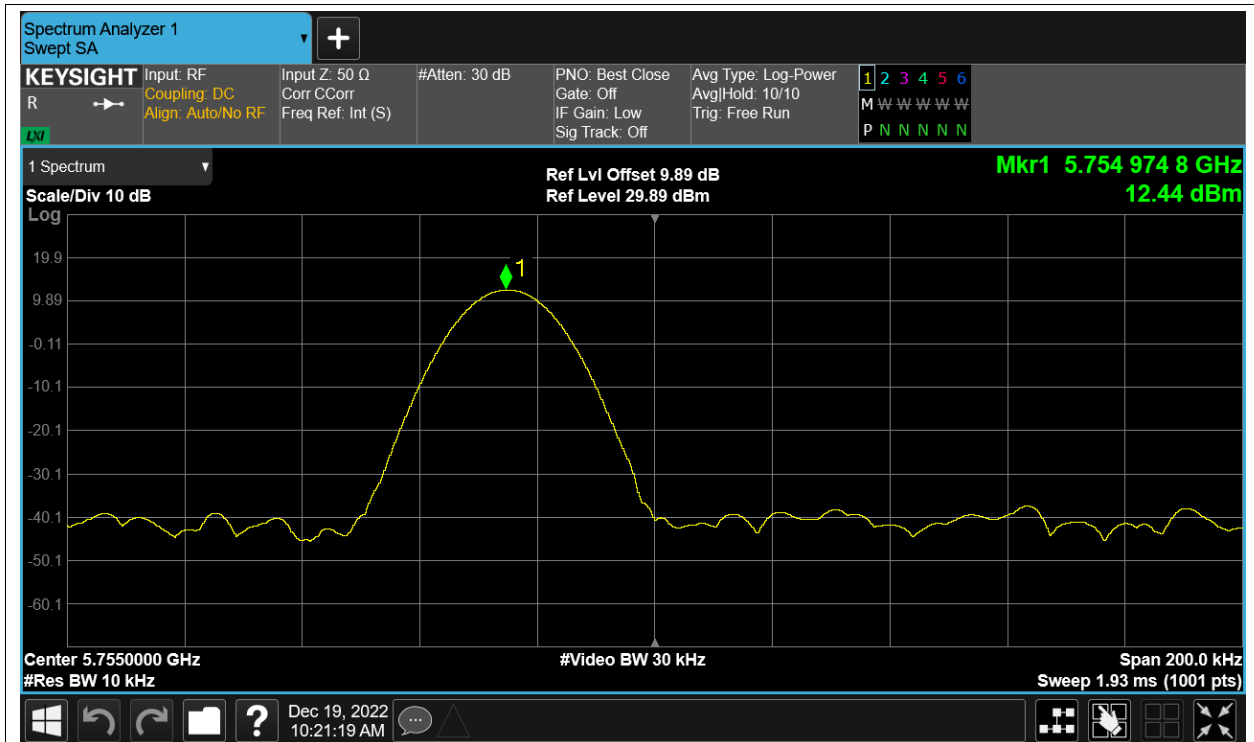
Freq. Stability HVNT n40 5755MHz Ant1



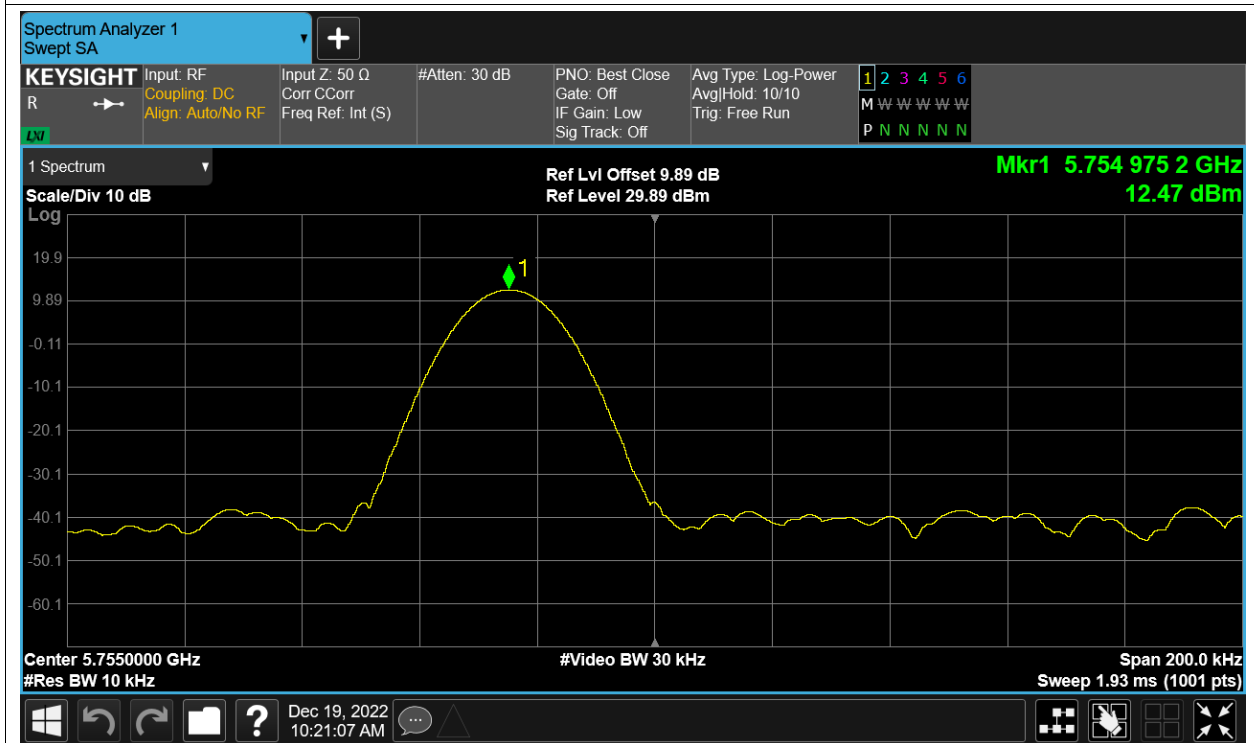
Freq. Stability LVNT n40 5755MHz Ant1



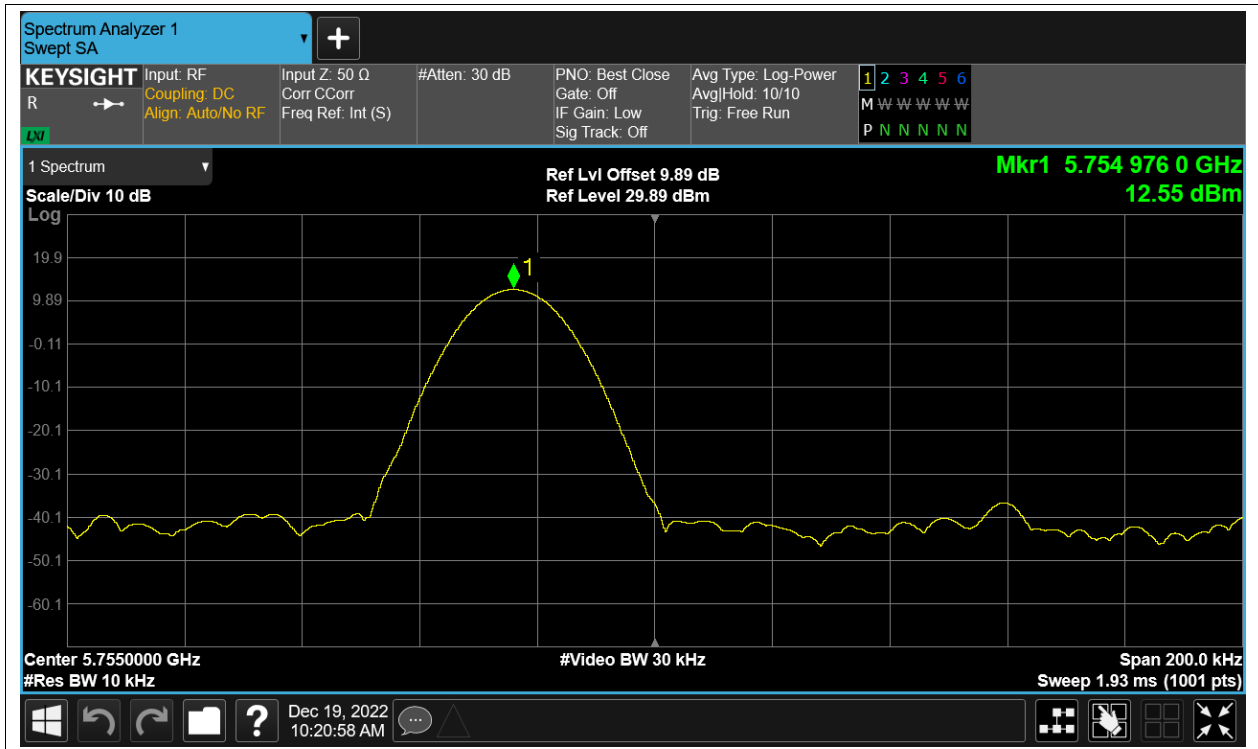
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

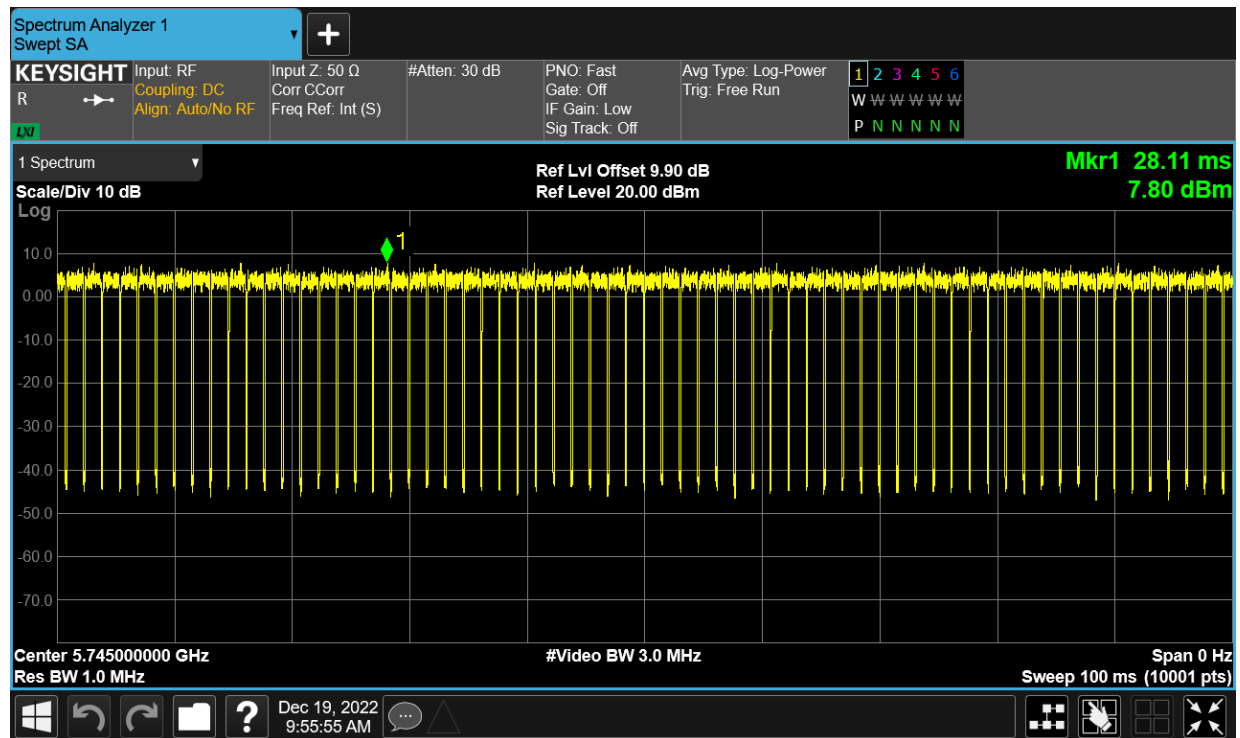


Duty Cycle

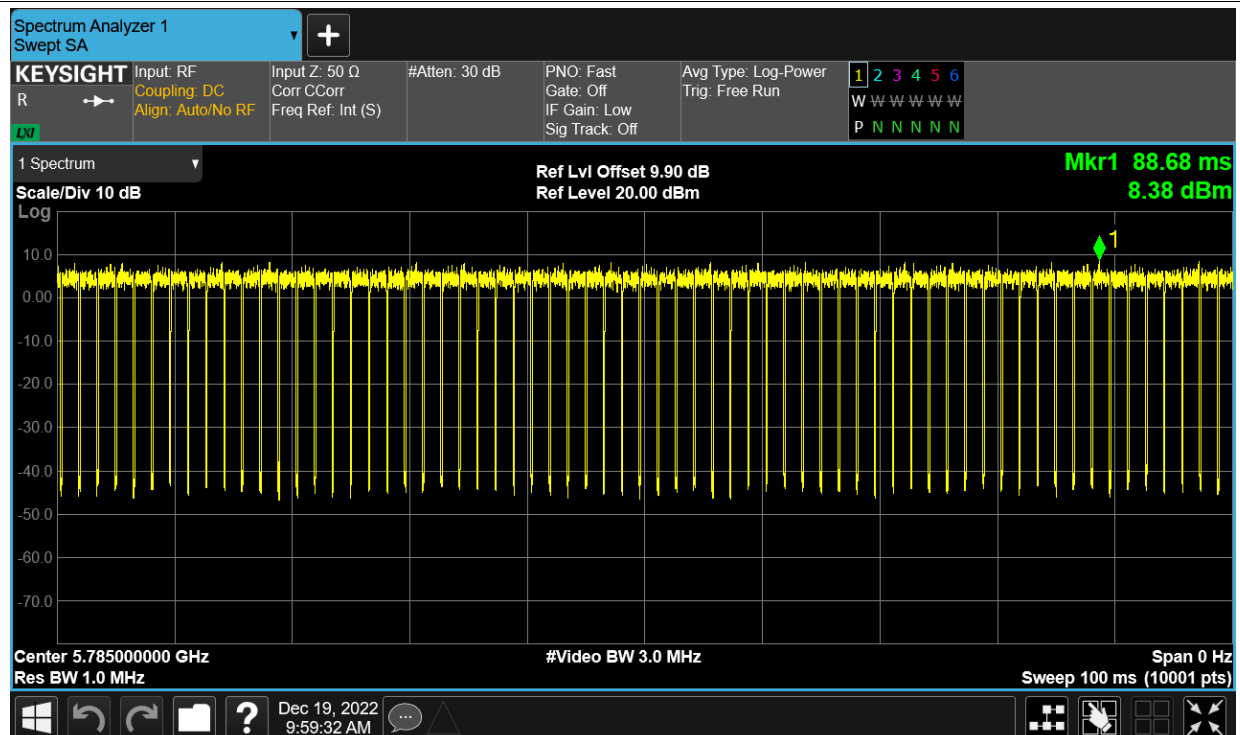
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	91.49	0.39
NVNT	a	5785	Ant1	91.49	0.39
NVNT	a	5825	Ant1	91.38	0.39
NVNT	ac20	5745	Ant1	91.13	0.4
NVNT	ac20	5785	Ant1	91.19	0.4
NVNT	ac20	5825	Ant1	91.03	0.41
NVNT	ac40	5755	Ant1	83.96	0.76
NVNT	ac40	5795	Ant1	83.97	0.76
NVNT	ac80	5775	Ant1	72.39	1.4
NVNT	n20	5745	Ant1	90.95	0.41
NVNT	n20	5785	Ant1	91.14	0.4
NVNT	n20	5825	Ant1	90.91	0.41
NVNT	n40	5755	Ant1	92.98	0.32
NVNT	n40	5795	Ant1	83.79	0.77

Test Graphs

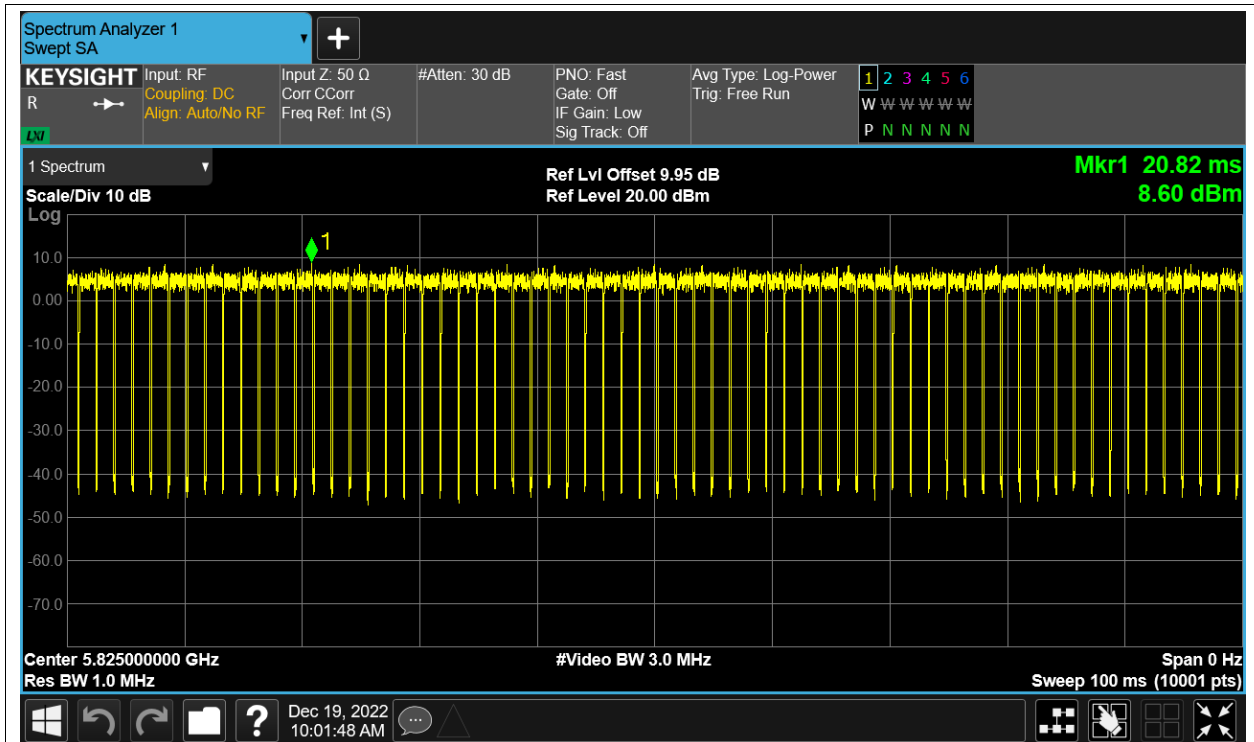
Duty Cycle NVNT a 5745MHz Ant1



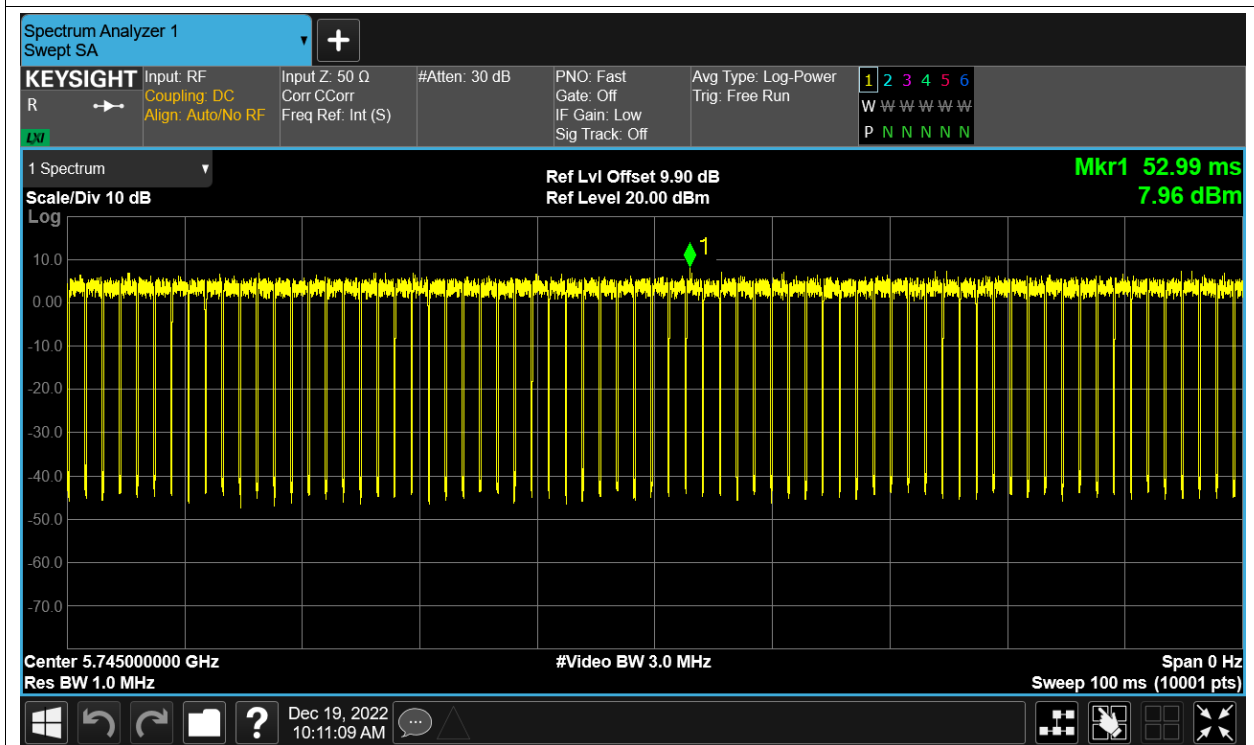
Duty Cycle NVNT a 5785MHz Ant1



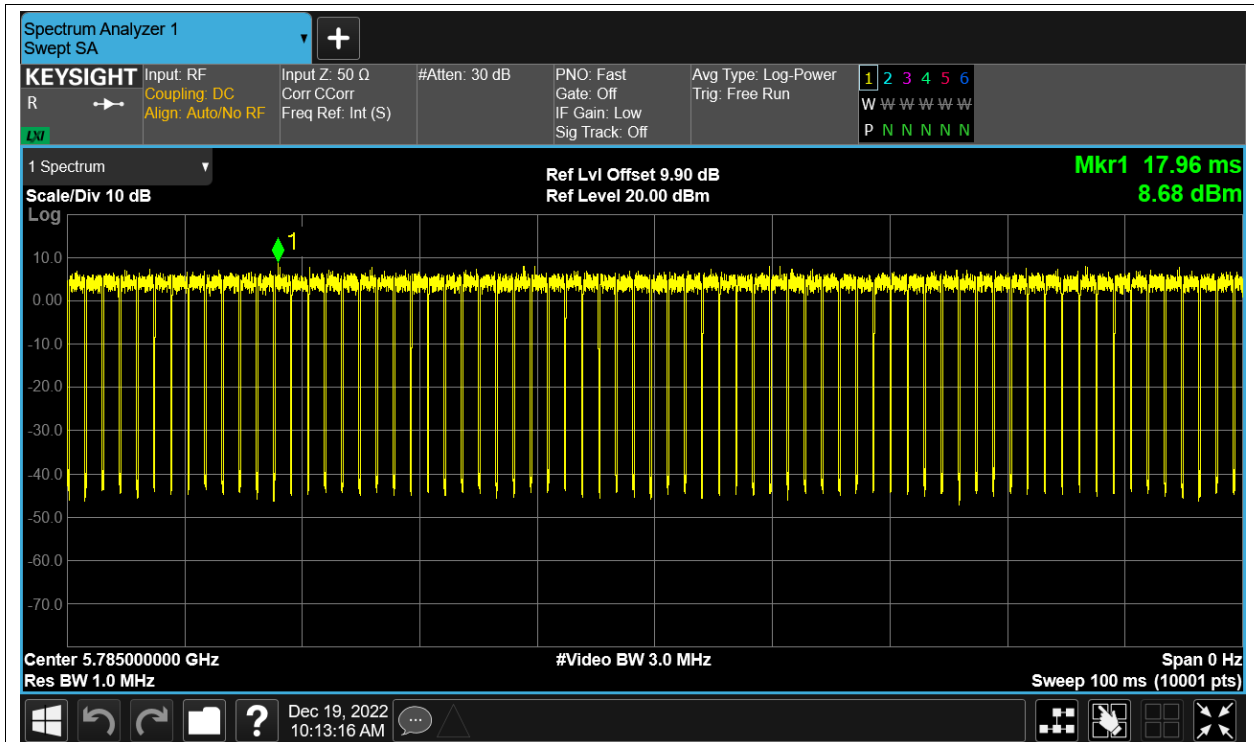
Duty Cycle NVNT a 5825MHz Ant1



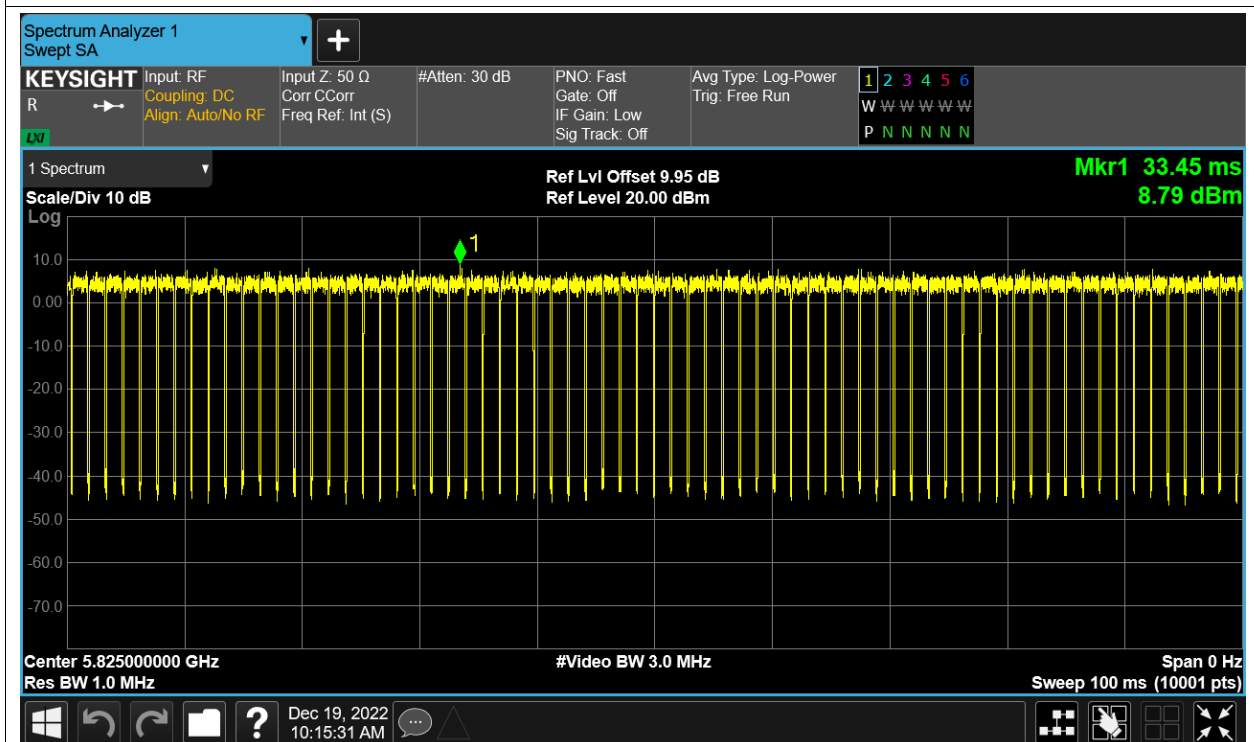
Duty Cycle NVNT ac20 5745MHz Ant1



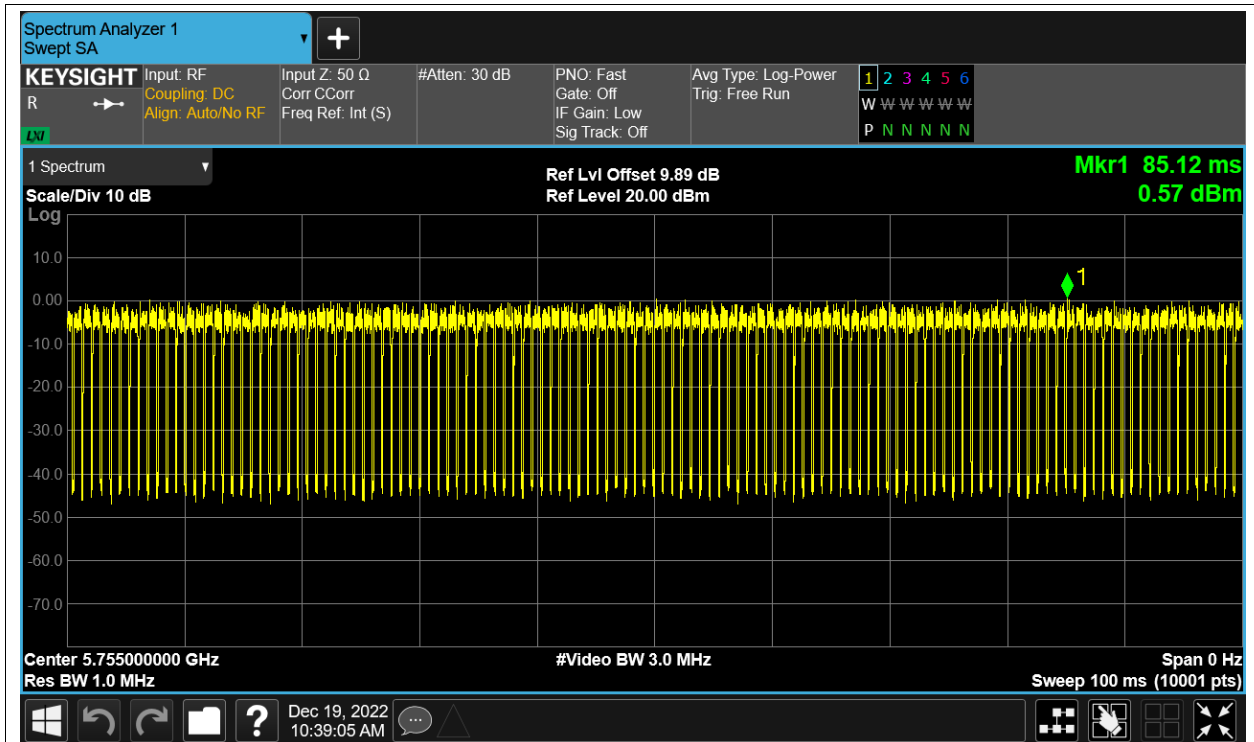
Duty Cycle NVNT ac20 5785MHz Ant1



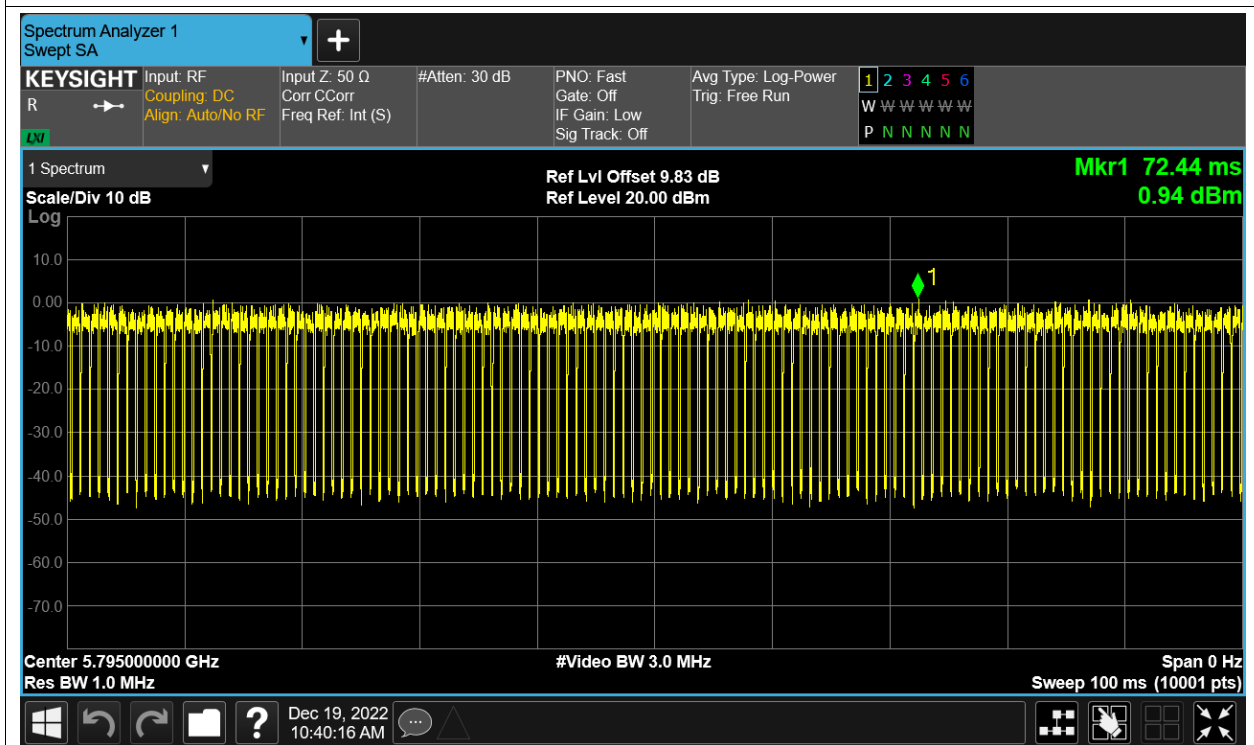
Duty Cycle NVNT ac20 5825MHz Ant1



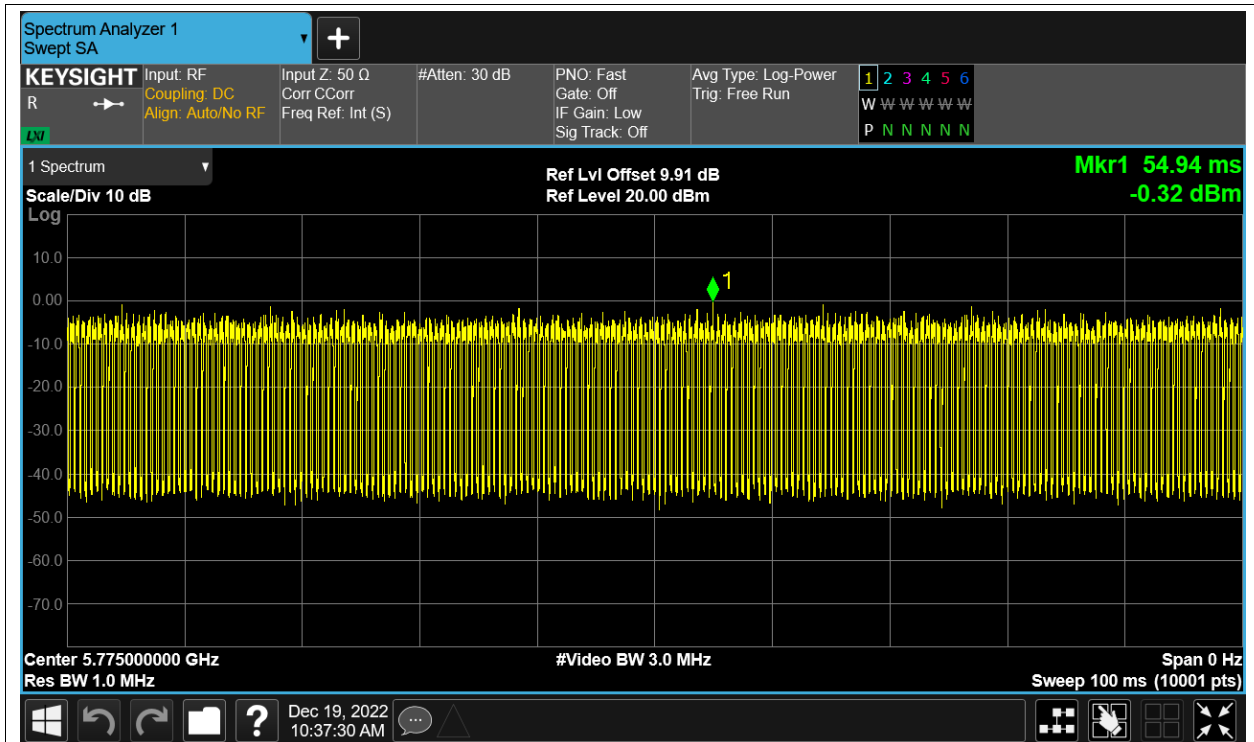
Duty Cycle NVNT ac40 5755MHz Ant1



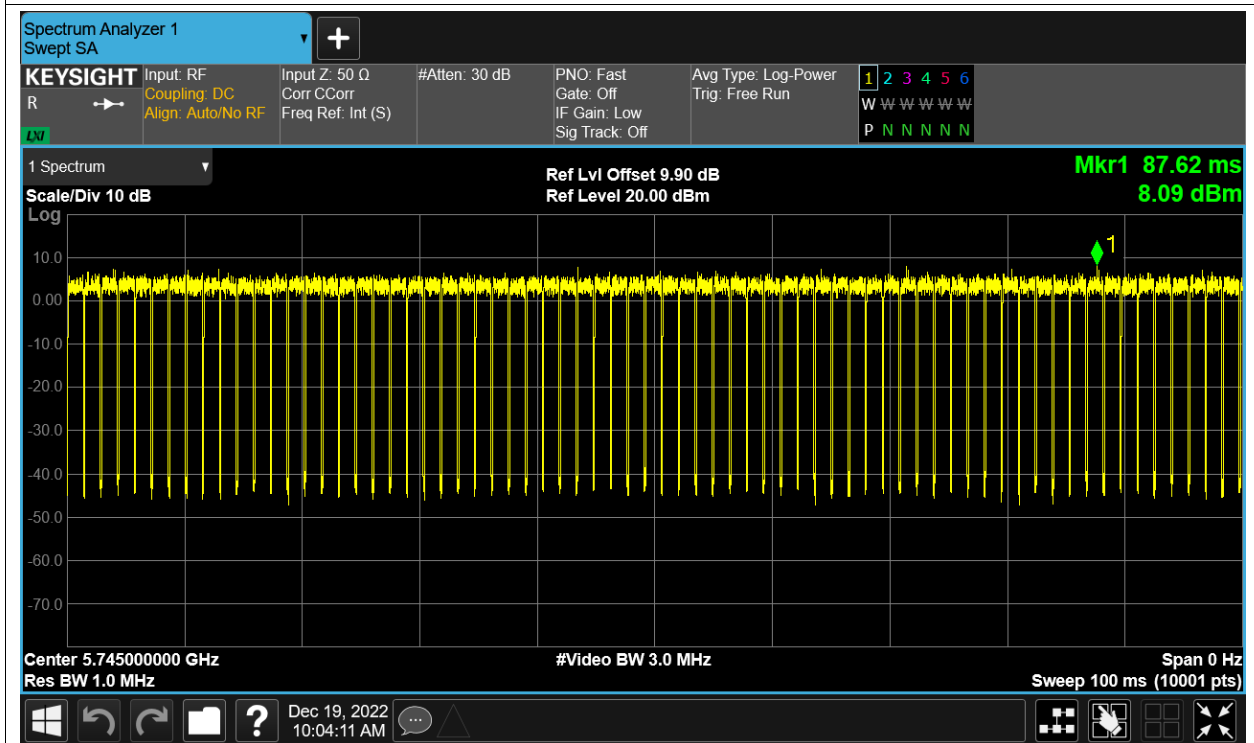
Duty Cycle NVNT ac40 5795MHz Ant1



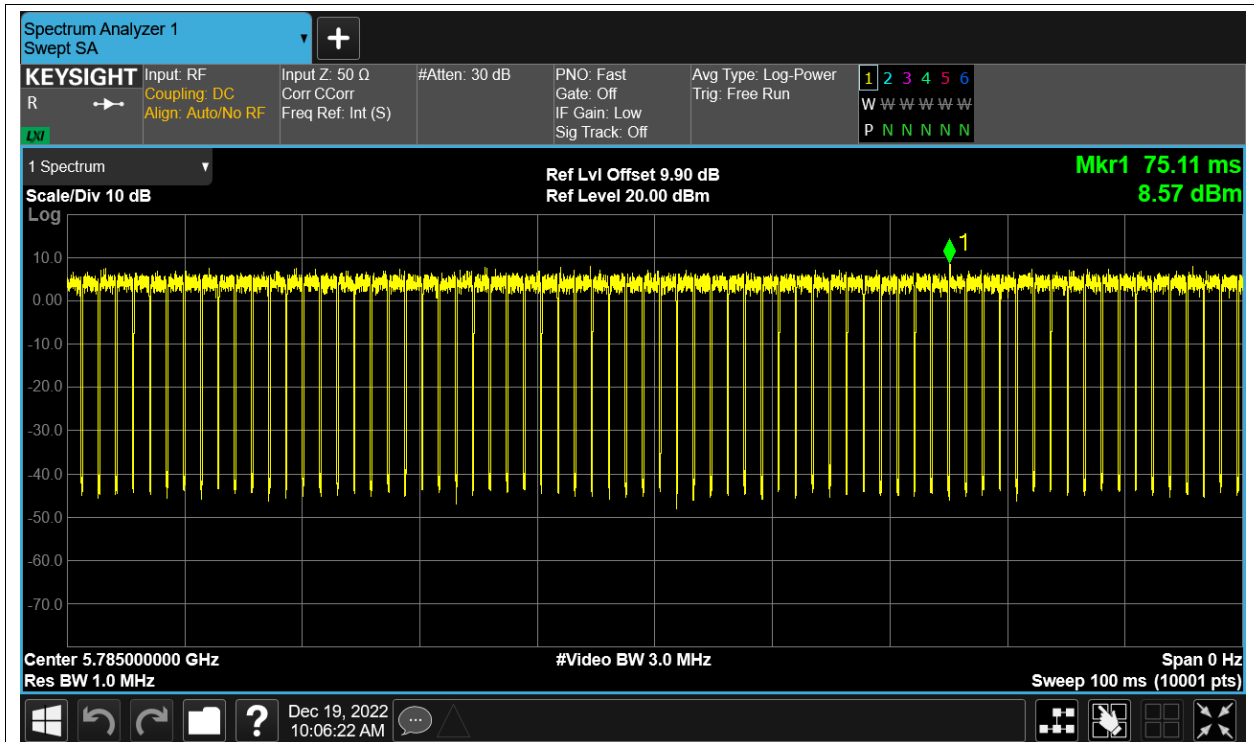
Duty Cycle NVNT ac80 5775MHz Ant1



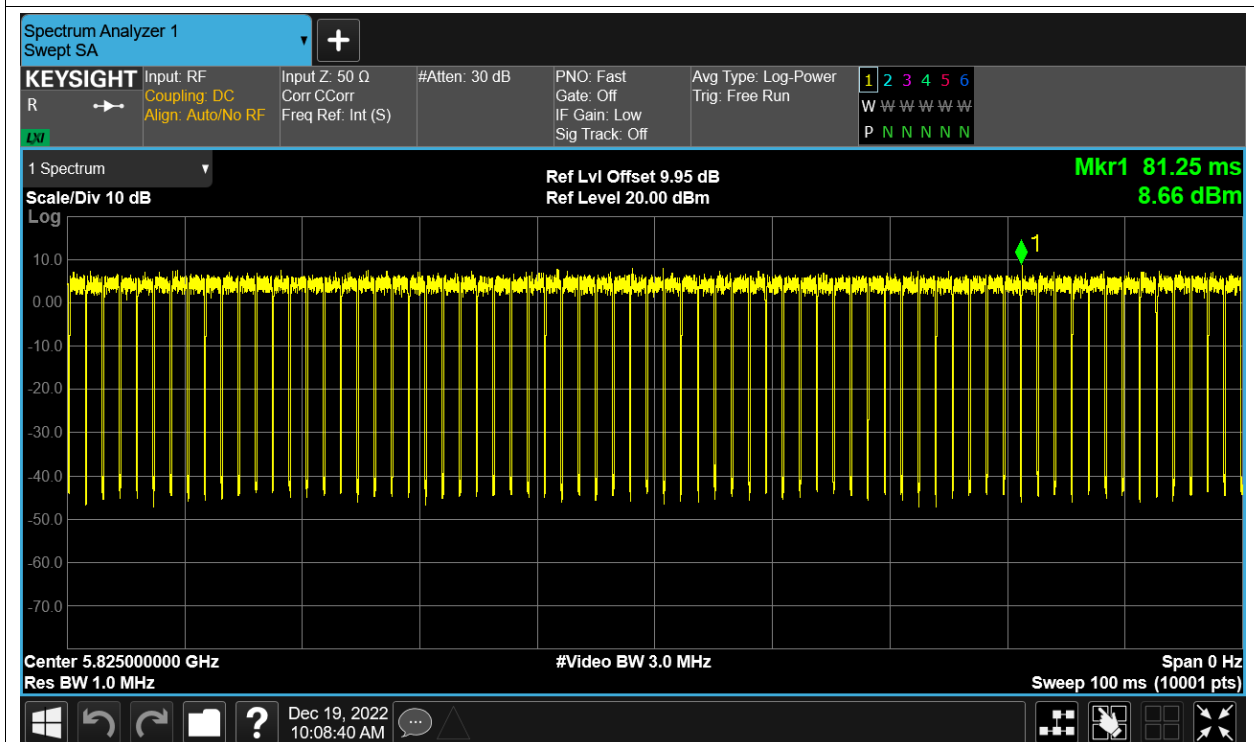
Duty Cycle NVNT n20 5745MHz Ant1



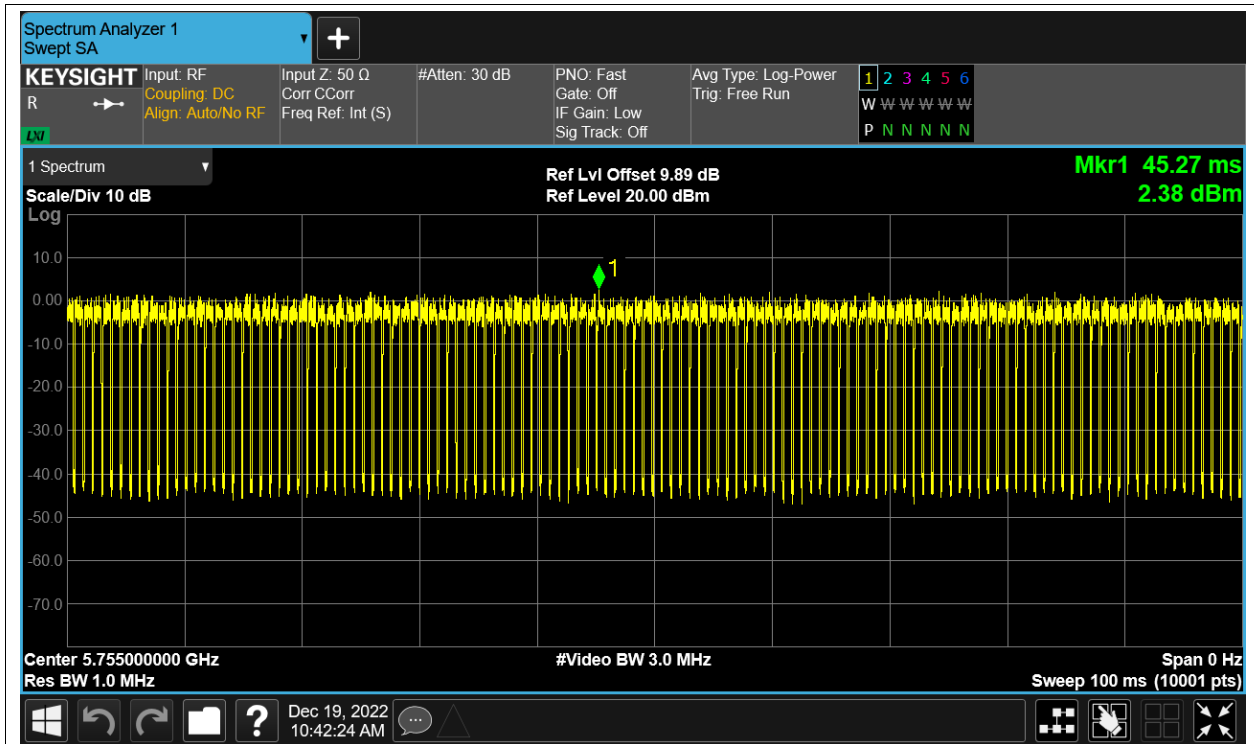
Duty Cycle NVNT n20 5785MHz Ant1



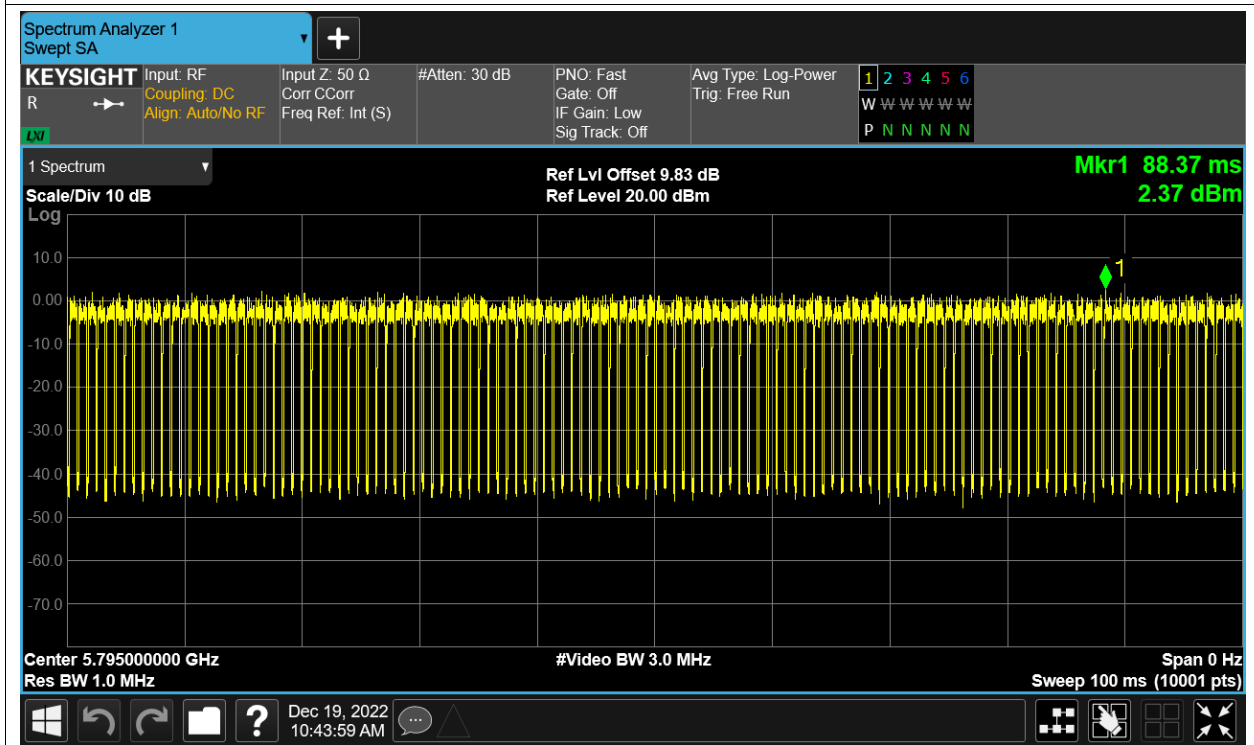
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

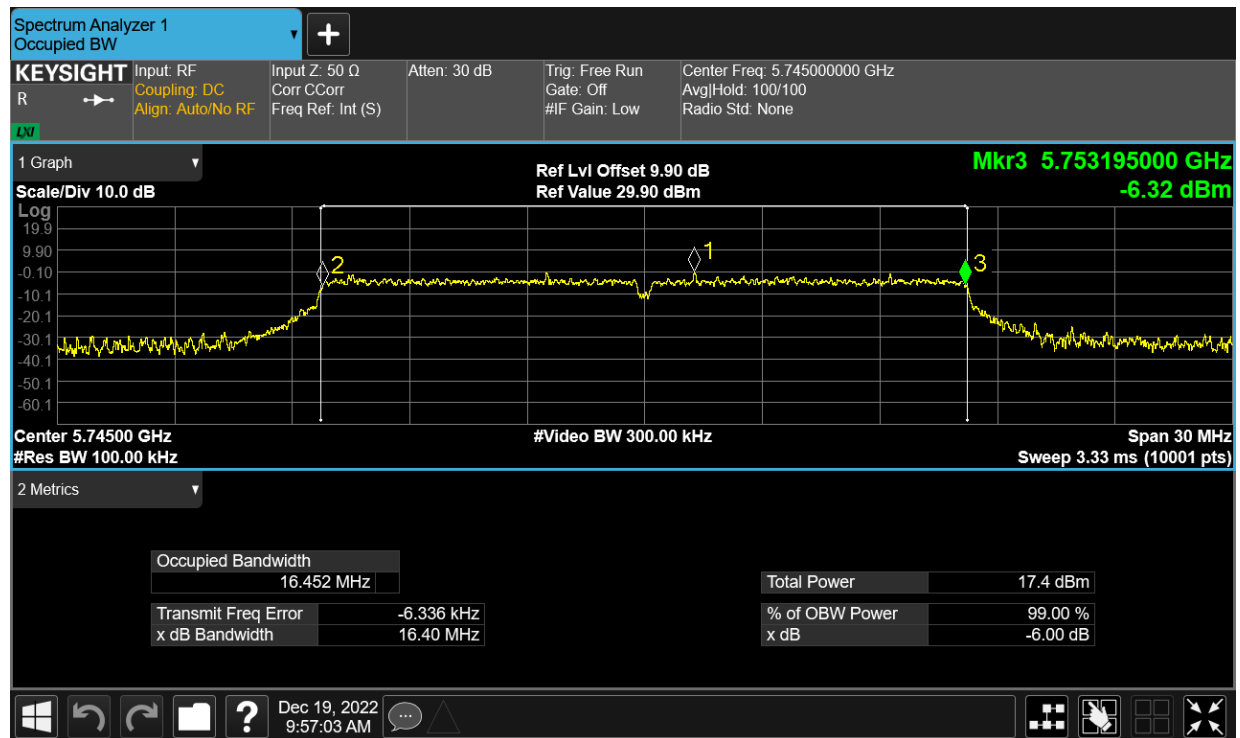
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.37	0.39	12.76	30	Pass
NVNT	a	5785	Ant1	13.4	0.39	13.79	30	Pass
NVNT	a	5825	Ant1	13.55	0.39	13.94	30	Pass
NVNT	ac20	5745	Ant1	12.22	0.4	12.62	30	Pass
NVNT	ac20	5785	Ant1	13.32	0.4	13.72	30	Pass
NVNT	ac20	5825	Ant1	13.5	0.41	13.91	30	Pass
NVNT	ac40	5755	Ant1	11.35	0.76	12.11	30	Pass
NVNT	ac40	5795	Ant1	11.84	0.76	12.6	30	Pass
NVNT	ac80	5775	Ant1	11.55	1.4	12.95	30	Pass
NVNT	n20	5745	Ant1	12.31	0.41	12.72	30	Pass
NVNT	n20	5785	Ant1	13.36	0.4	13.76	30	Pass
NVNT	n20	5825	Ant1	13.5	0.41	13.91	30	Pass
NVNT	n40	5755	Ant1	12.25	0.32	12.57	30	Pass
NVNT	n40	5795	Ant1	12.69	0.77	13.46	30	Pass

-6dB Bandwidth

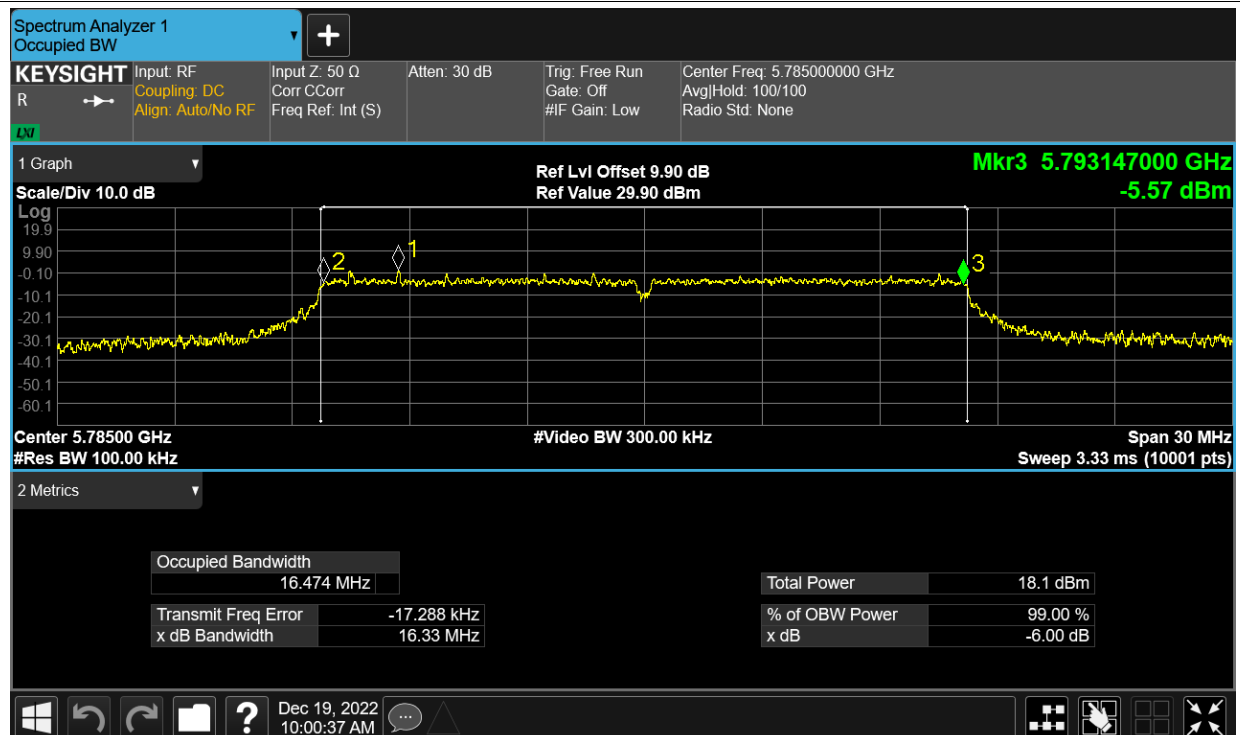
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant1	16.403	0.5	Pass
NVNT	a	5785	Ant1	16.329	0.5	Pass
NVNT	a	5825	Ant1	16.326	0.5	Pass
NVNT	ac20	5745	Ant1	17.511	0.5	Pass
NVNT	ac20	5785	Ant1	17.315	0.5	Pass
NVNT	ac20	5825	Ant1	17.095	0.5	Pass
NVNT	ac40	5755	Ant1	35.74	0.5	Pass
NVNT	ac40	5795	Ant1	35.364	0.5	Pass
NVNT	ac80	5775	Ant1	75.356	0.5	Pass
NVNT	n20	5745	Ant1	17.537	0.5	Pass
NVNT	n20	5785	Ant1	17.536	0.5	Pass
NVNT	n20	5825	Ant1	17.293	0.5	Pass
NVNT	n40	5755	Ant1	35.646	0.5	Pass
NVNT	n40	5795	Ant1	35.246	0.5	Pass

Test Graphs

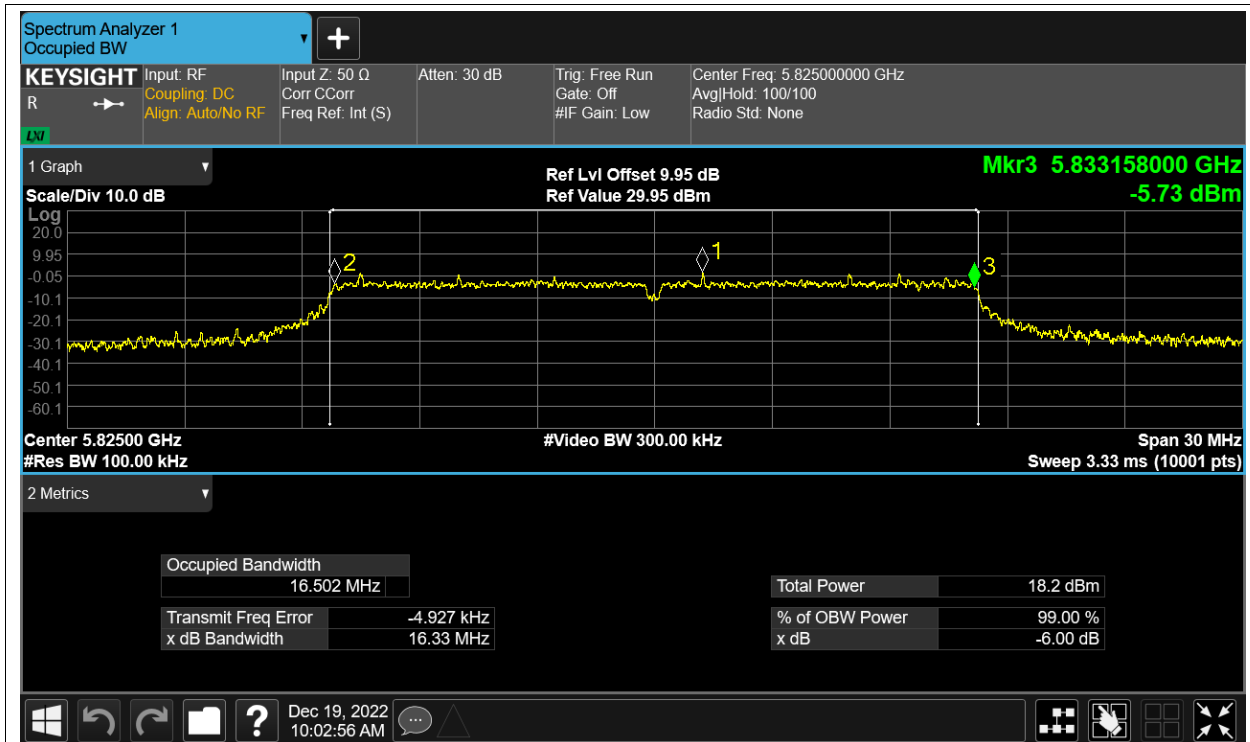
-6dB Bandwidth NVNT a 5745MHz Ant1



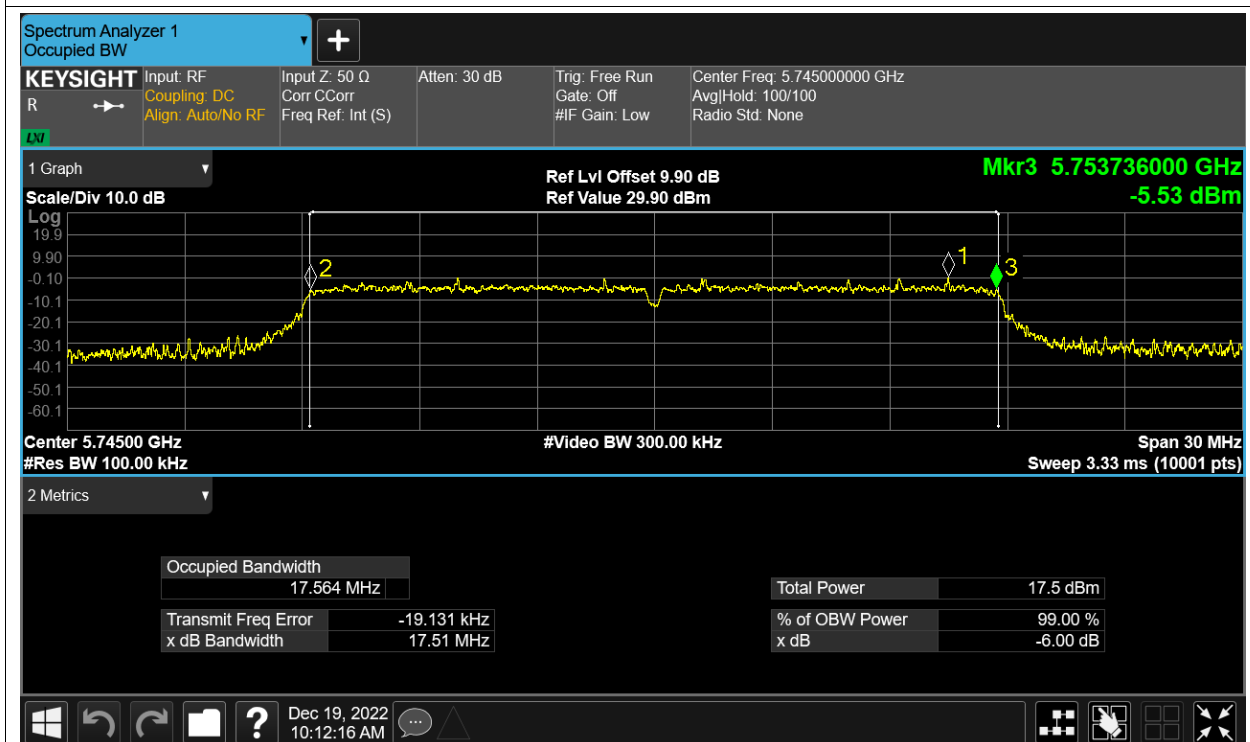
-6dB Bandwidth NVNT a 5785MHz Ant1



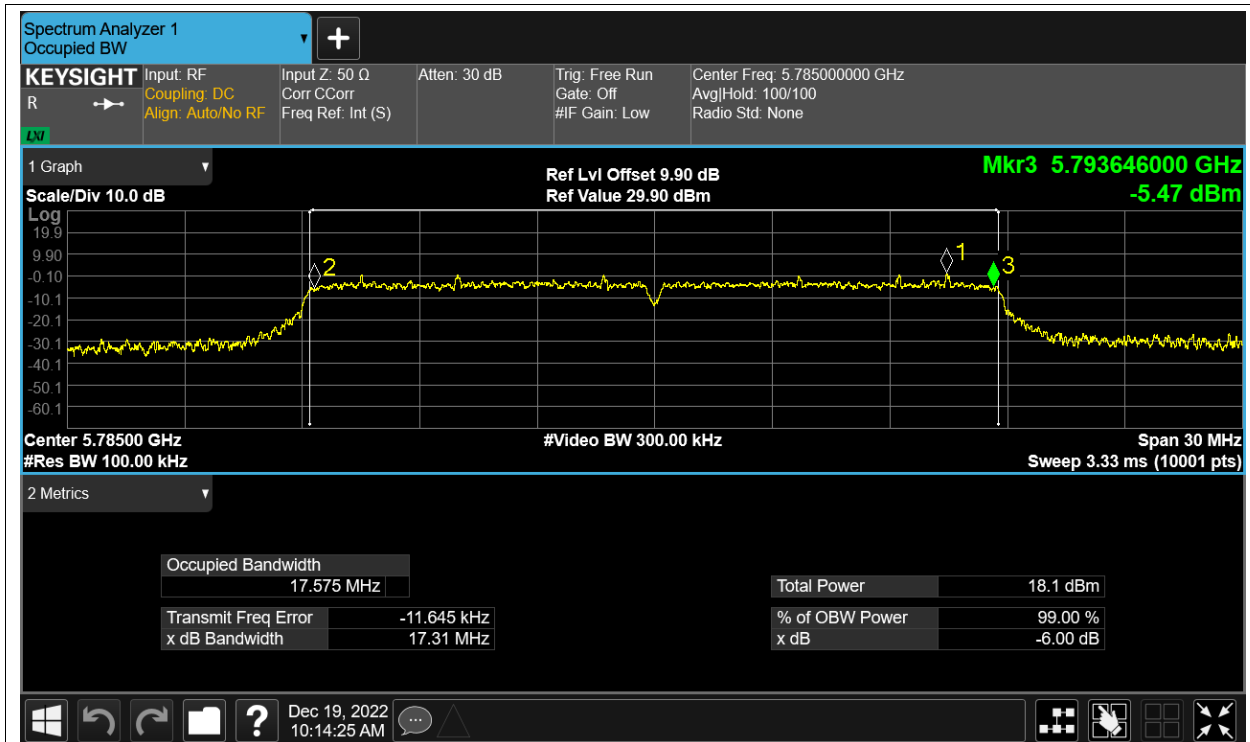
-6dB Bandwidth NVNT a 5825MHz Ant1



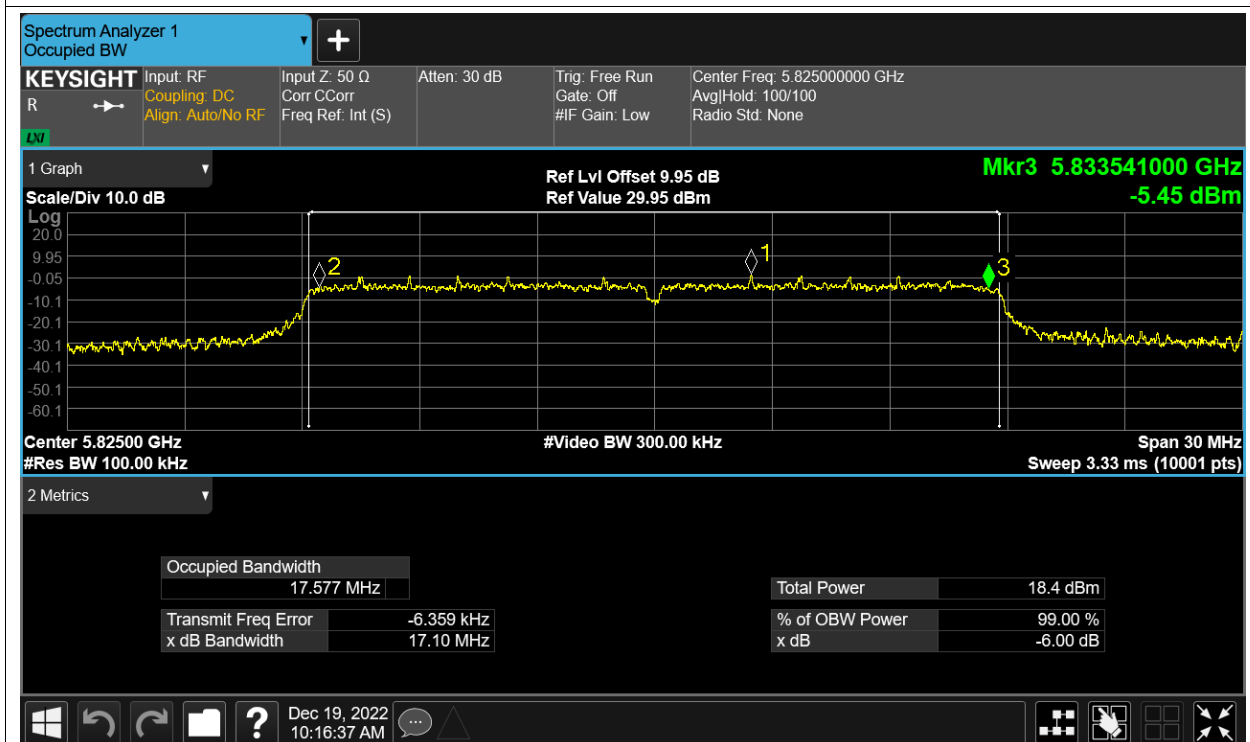
-6dB Bandwidth NVNT ac20 5745MHz Ant1



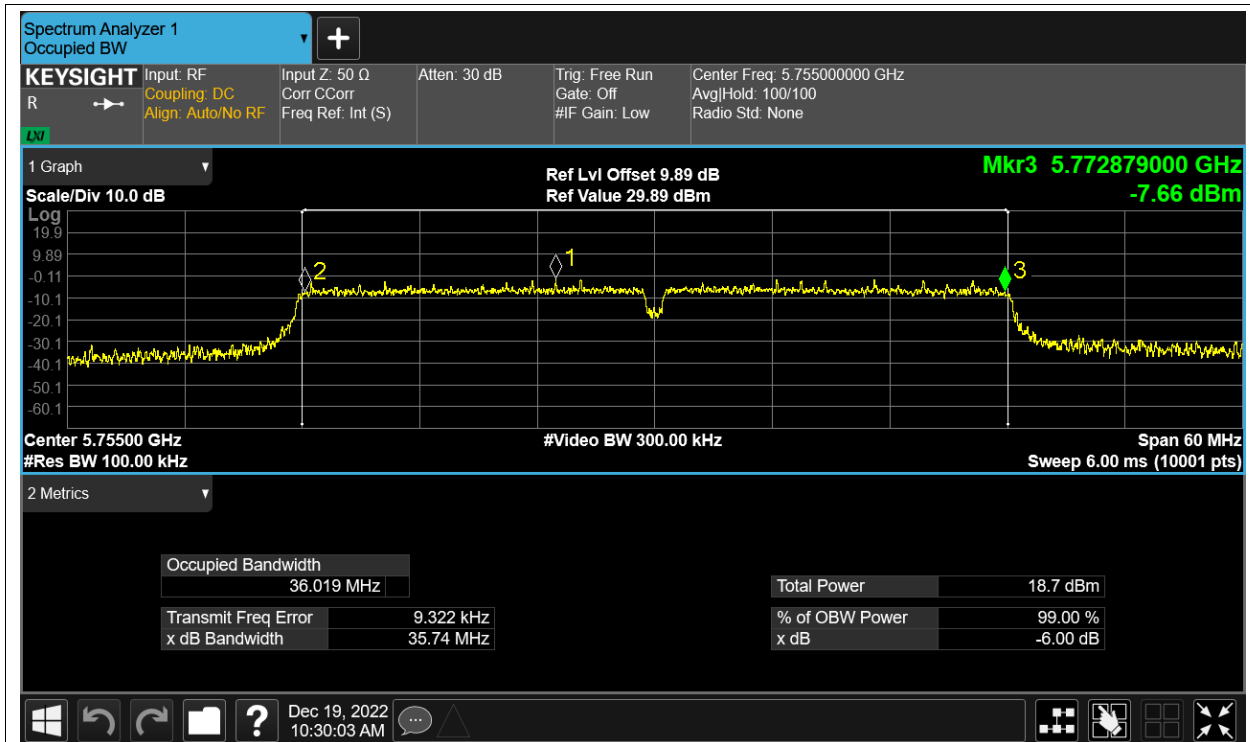
-6dB Bandwidth NVNT ac20 5785MHz Ant1



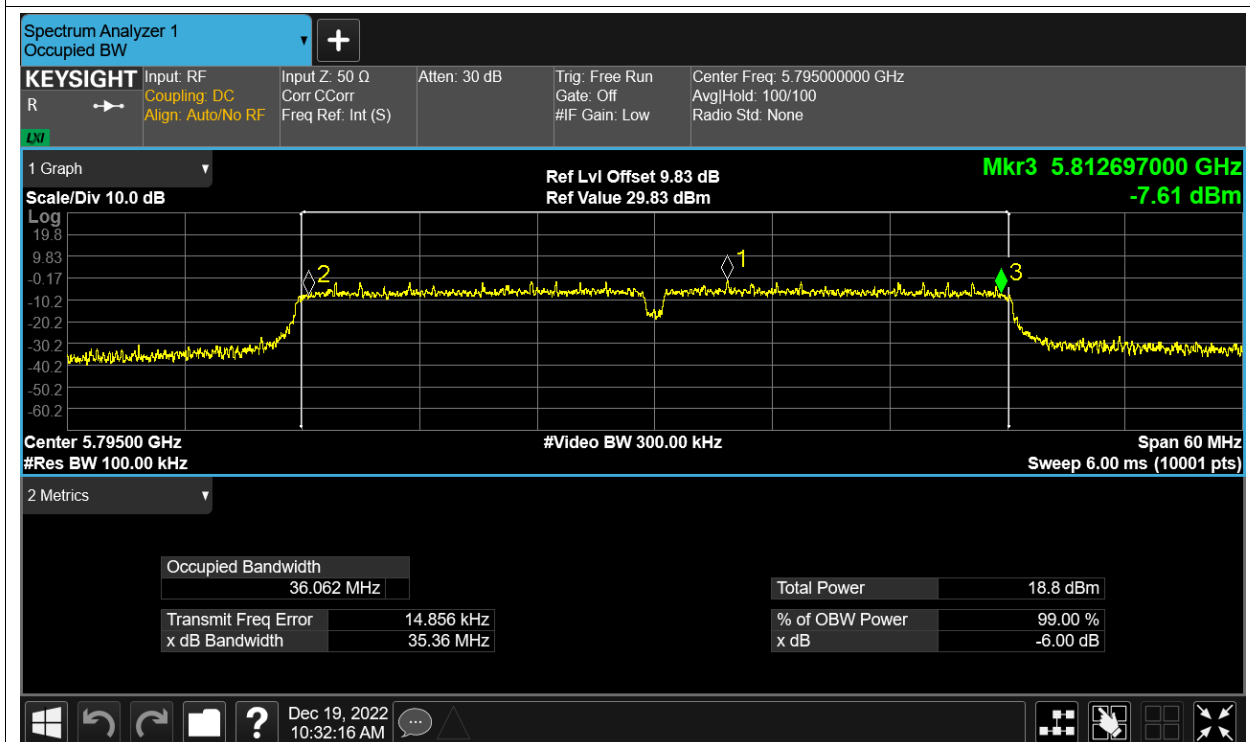
-6dB Bandwidth NVNT ac20 5825MHz Ant1



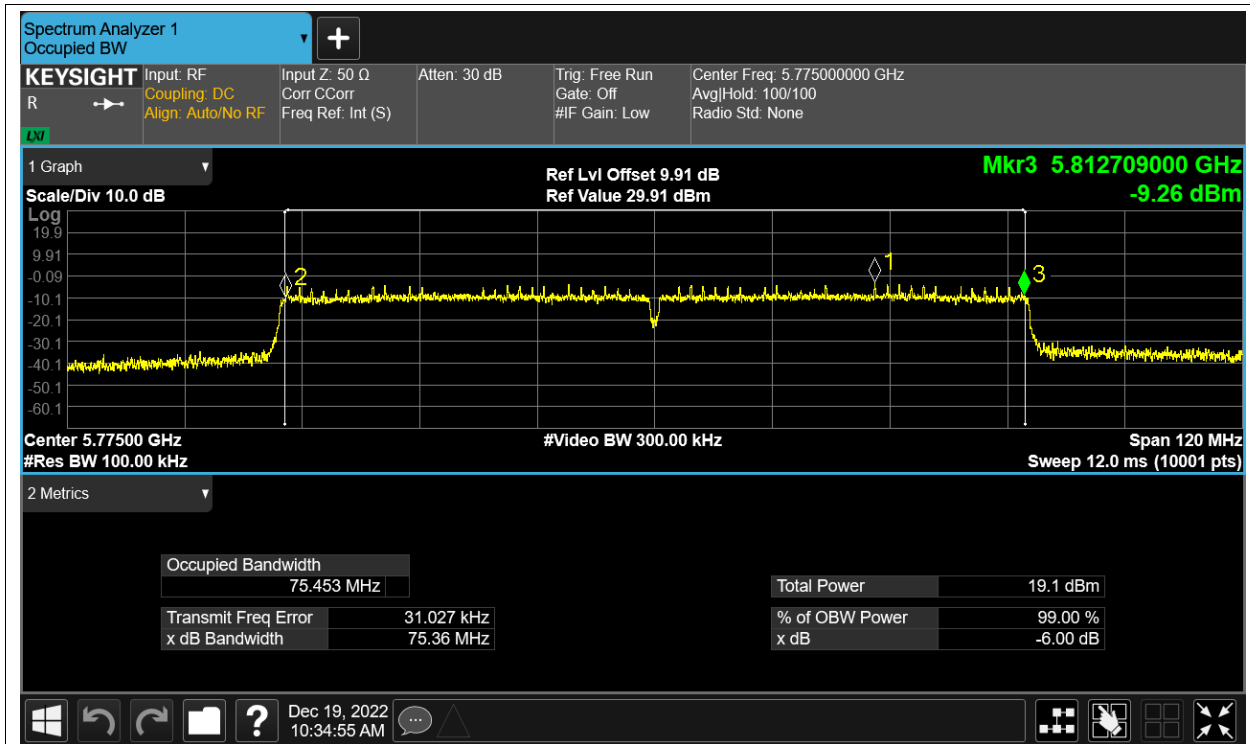
-6dB Bandwidth NVNT ac40 5755MHz Ant1



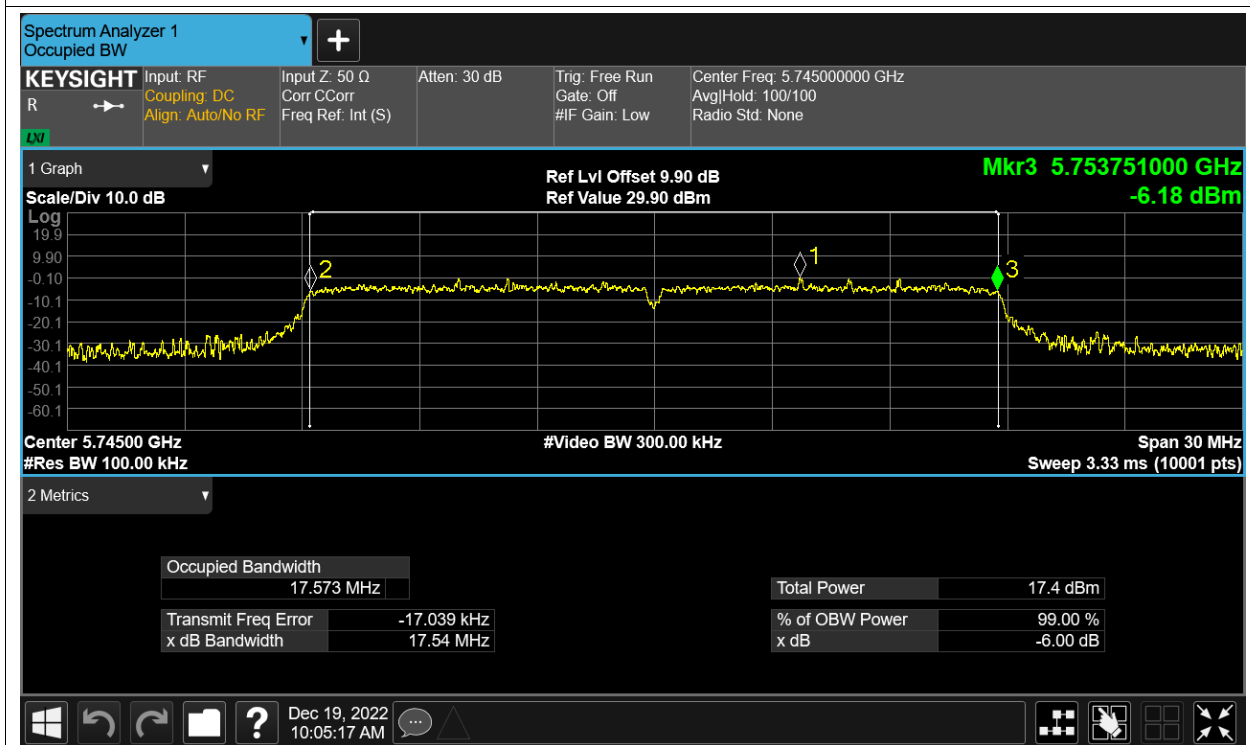
-6dB Bandwidth NVNT ac40 5795MHz Ant1



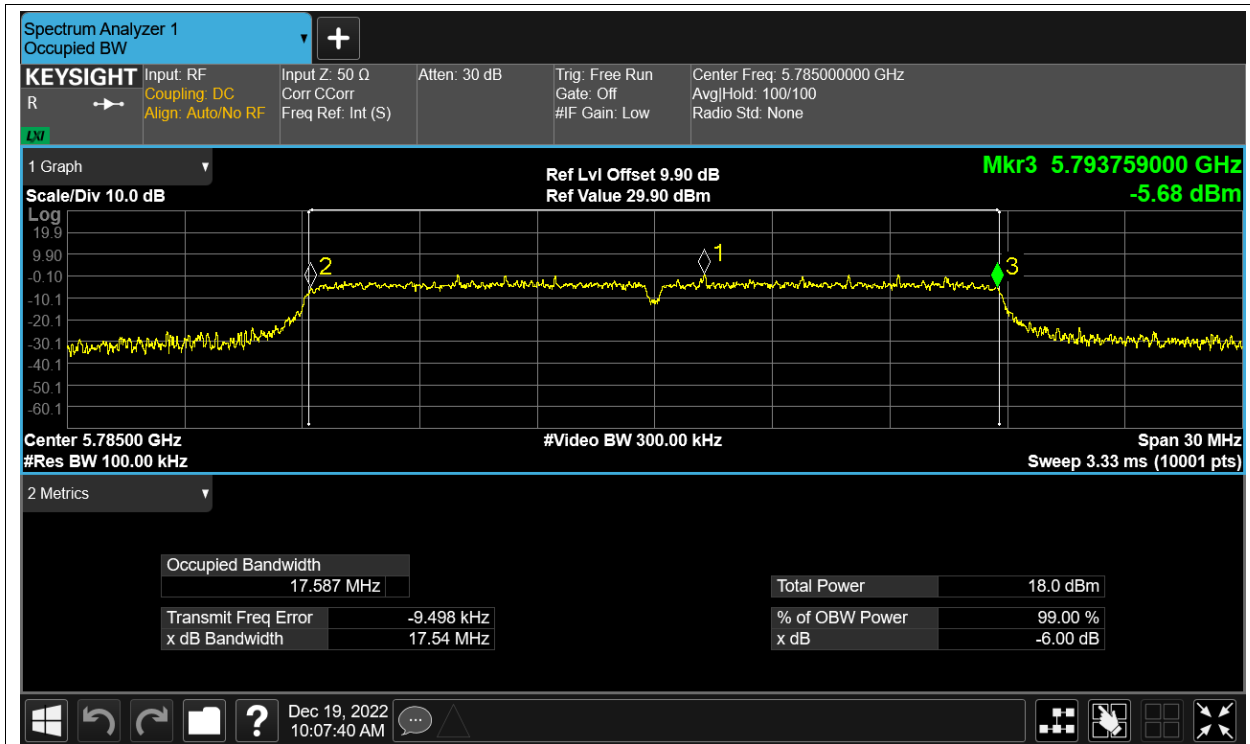
-6dB Bandwidth NVNT ac80 5775MHz Ant1



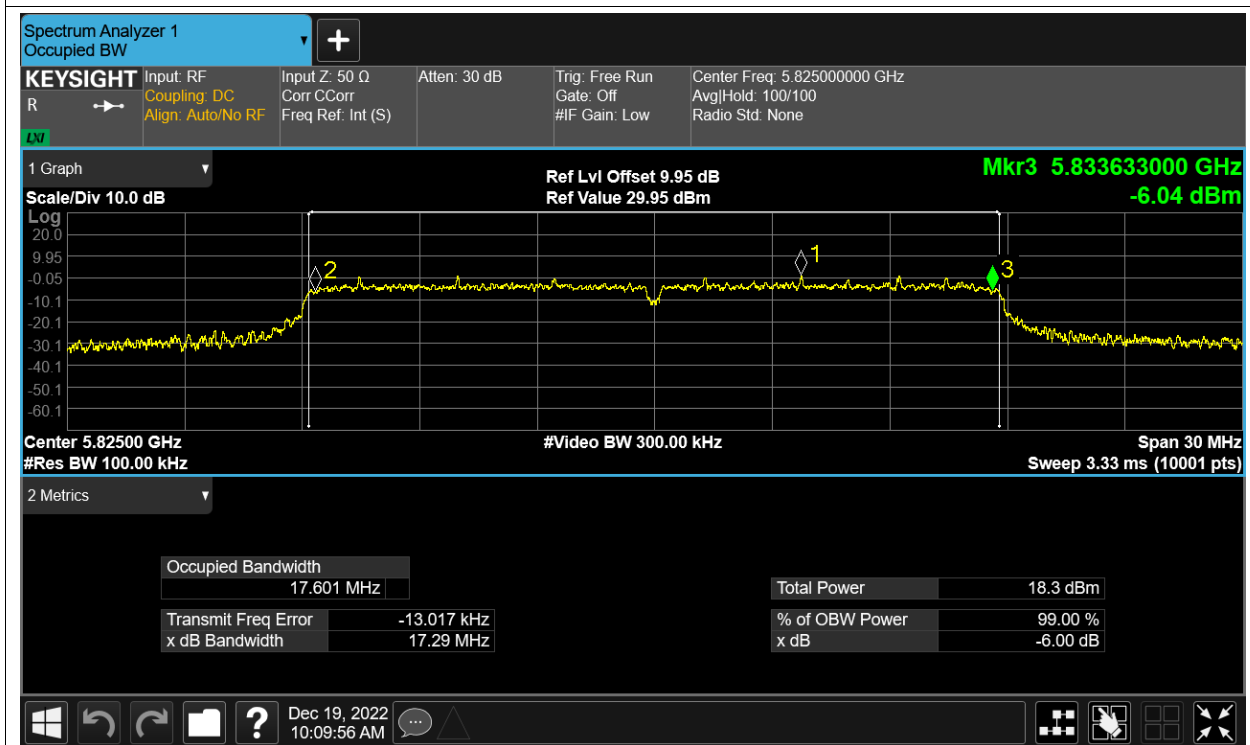
-6dB Bandwidth NVNT n20 5745MHz Ant1



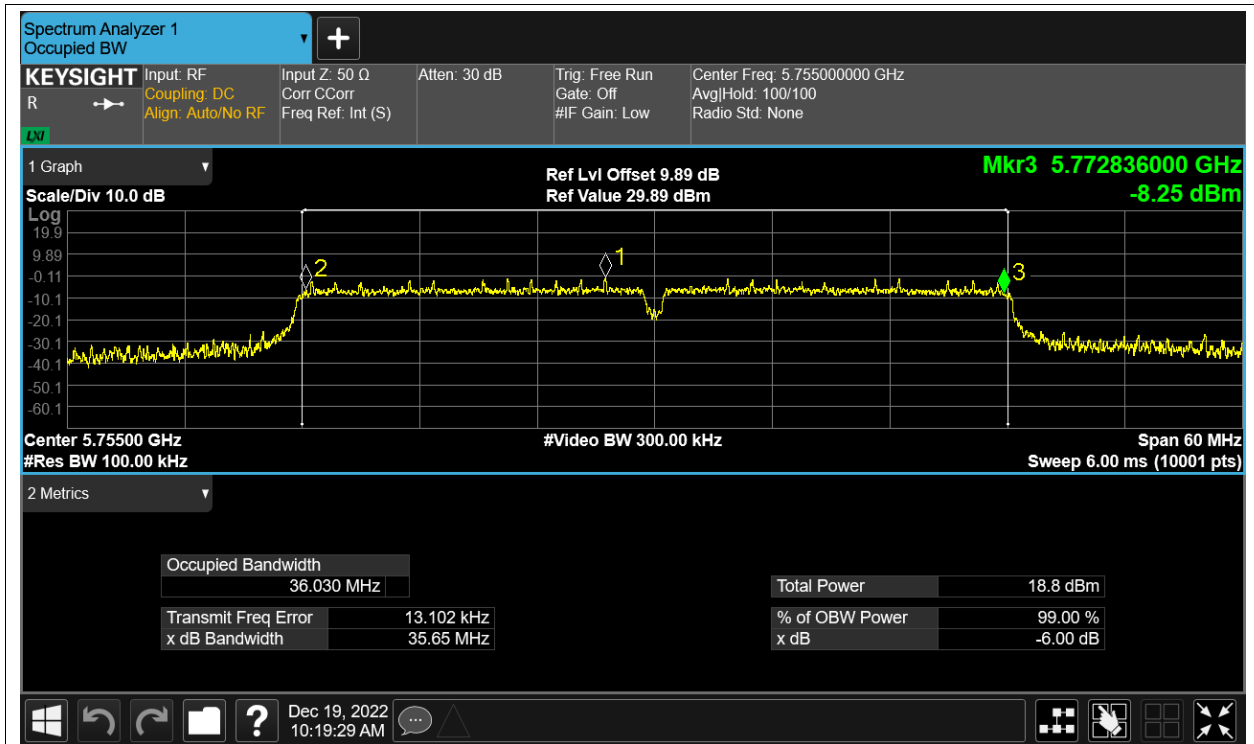
-6dB Bandwidth NVNT n20 5785MHz Ant1



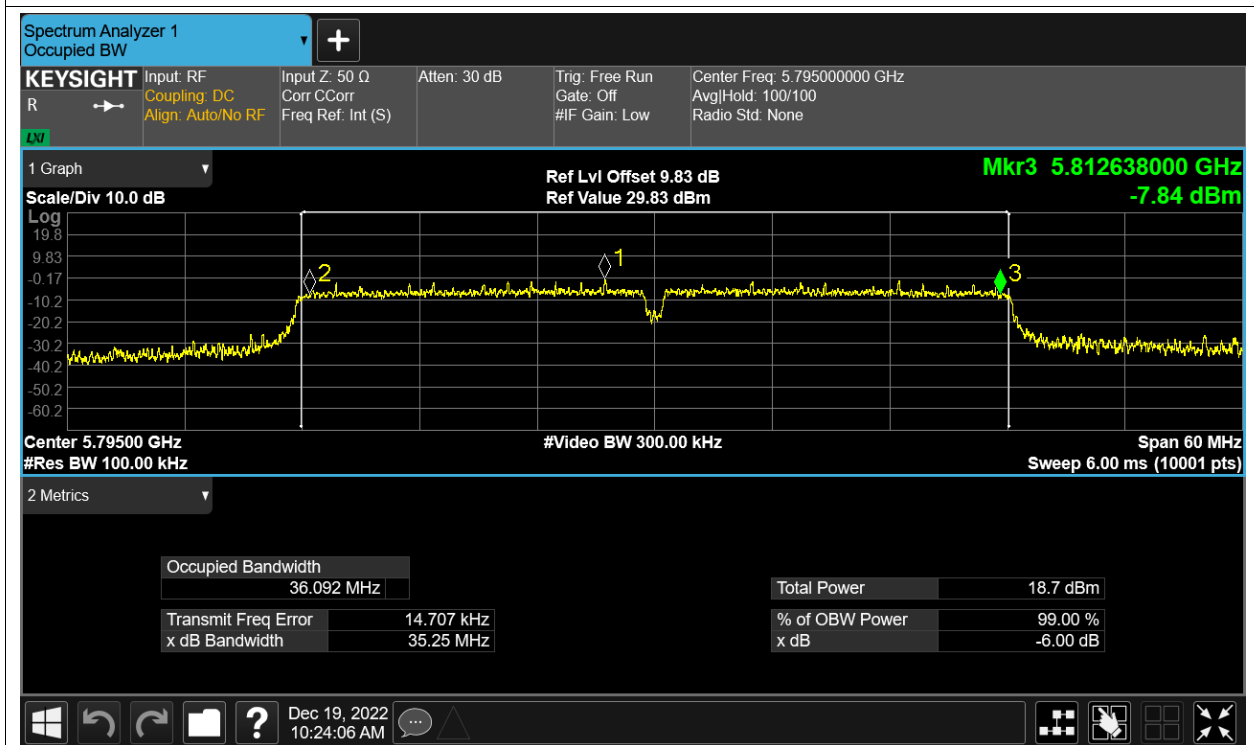
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

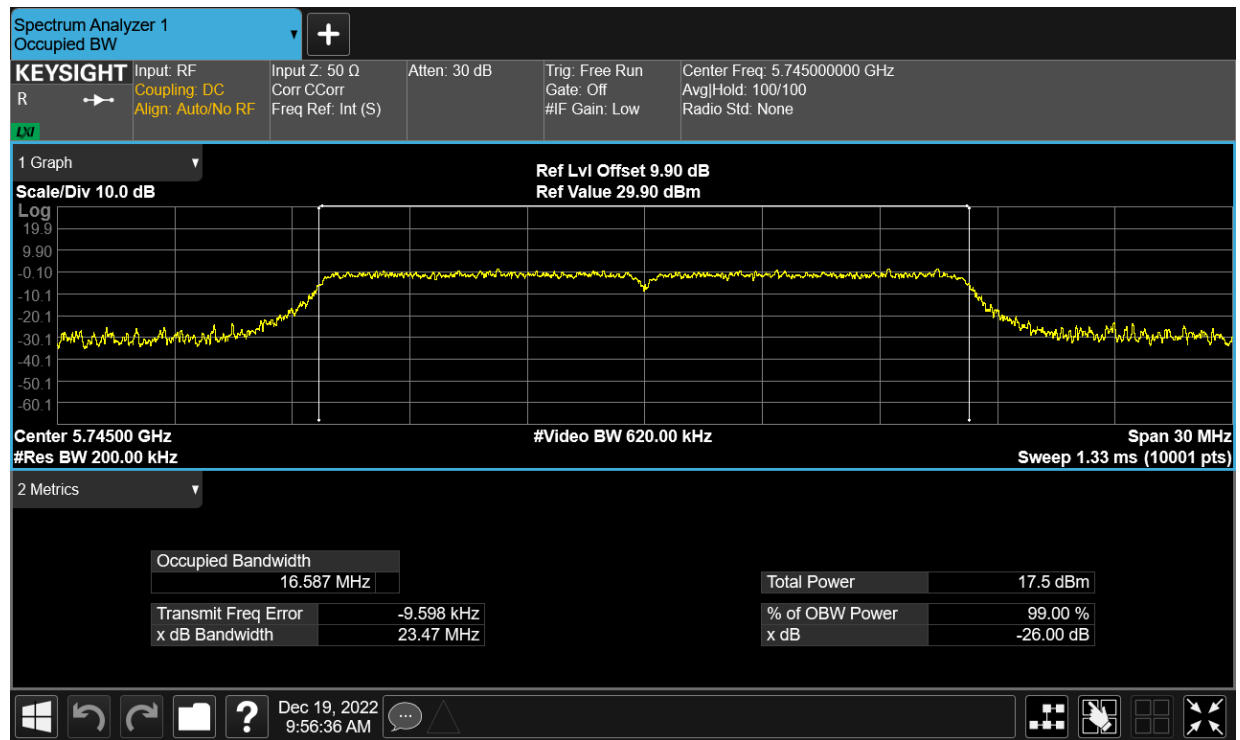


Occupied Channel Bandwidth

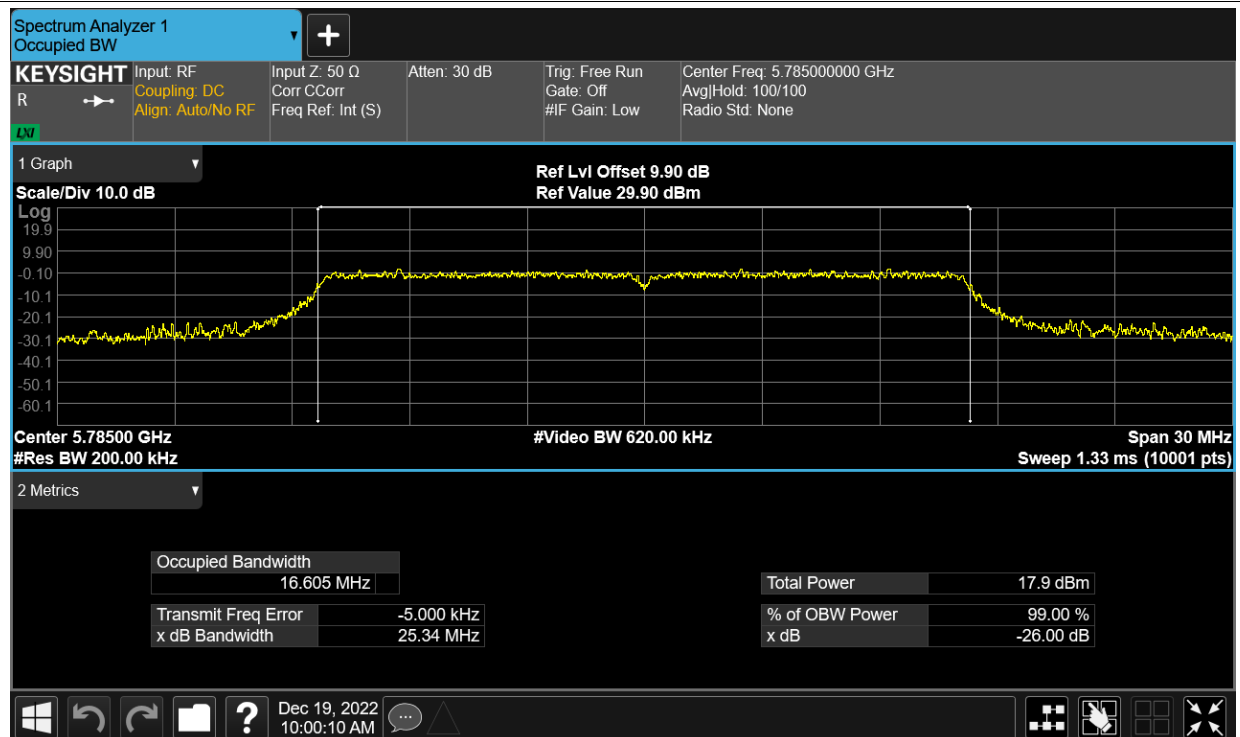
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.587
NVNT	a	5785	Ant1	16.605
NVNT	a	5825	Ant1	16.595
NVNT	ac20	5745	Ant1	17.59
NVNT	ac20	5785	Ant1	17.626
NVNT	ac20	5825	Ant1	17.648
NVNT	ac40	5755	Ant1	36.108
NVNT	ac40	5795	Ant1	36.139
NVNT	ac80	5775	Ant1	75.548
NVNT	n20	5745	Ant1	17.599
NVNT	n20	5785	Ant1	17.606
NVNT	n20	5825	Ant1	17.63
NVNT	n40	5755	Ant1	36.168
NVNT	n40	5795	Ant1	36.146

Test Graphs

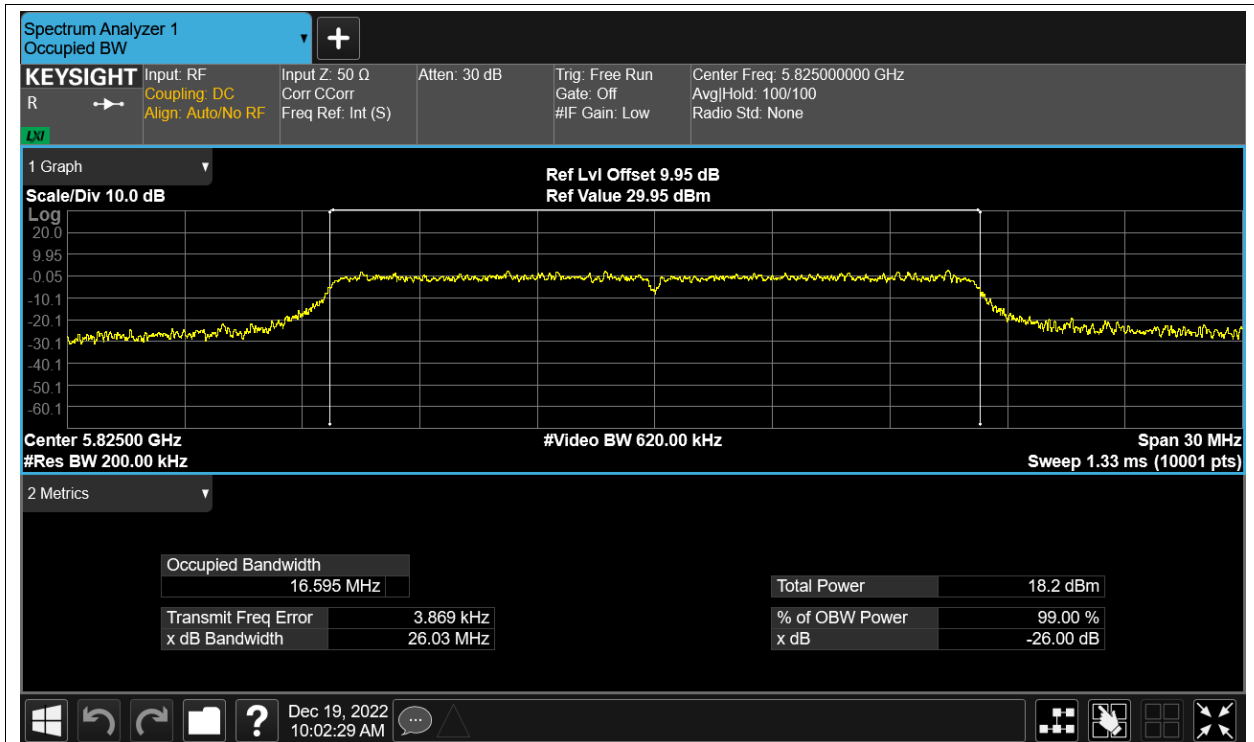
OBW NVNT a 5745MHz Ant1



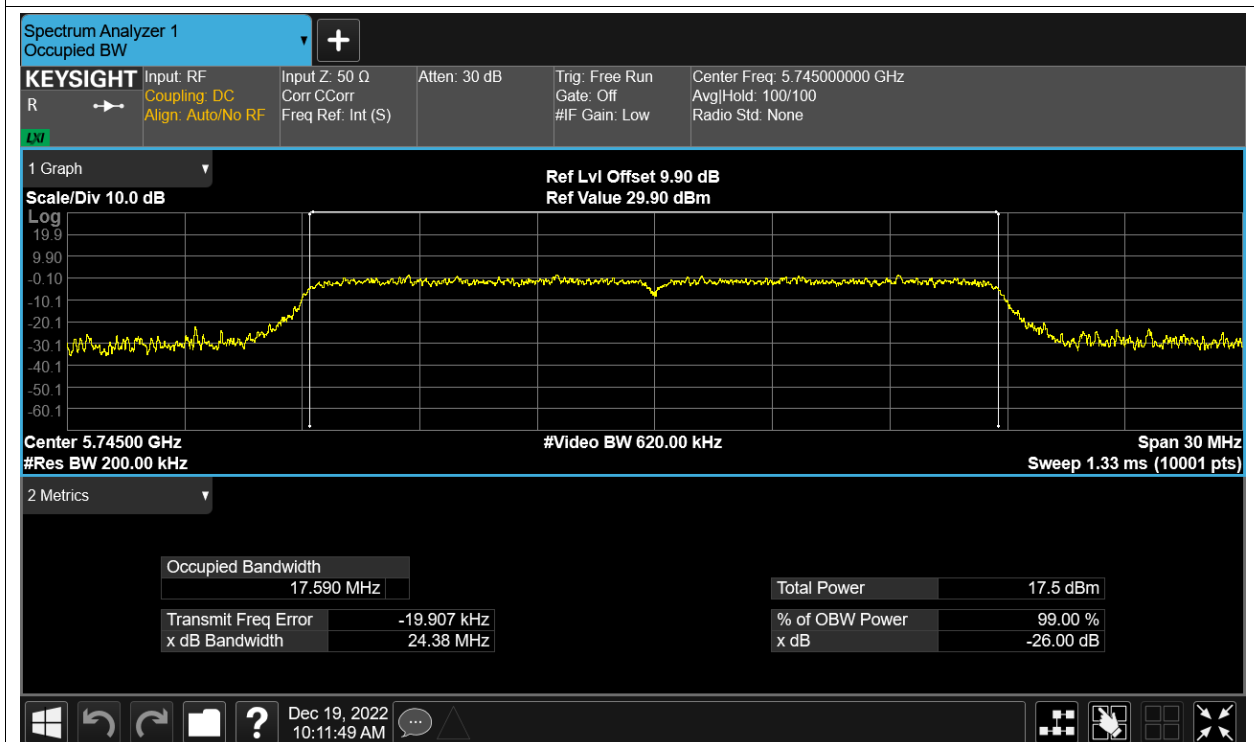
OBW NVNT a 5785MHz Ant1



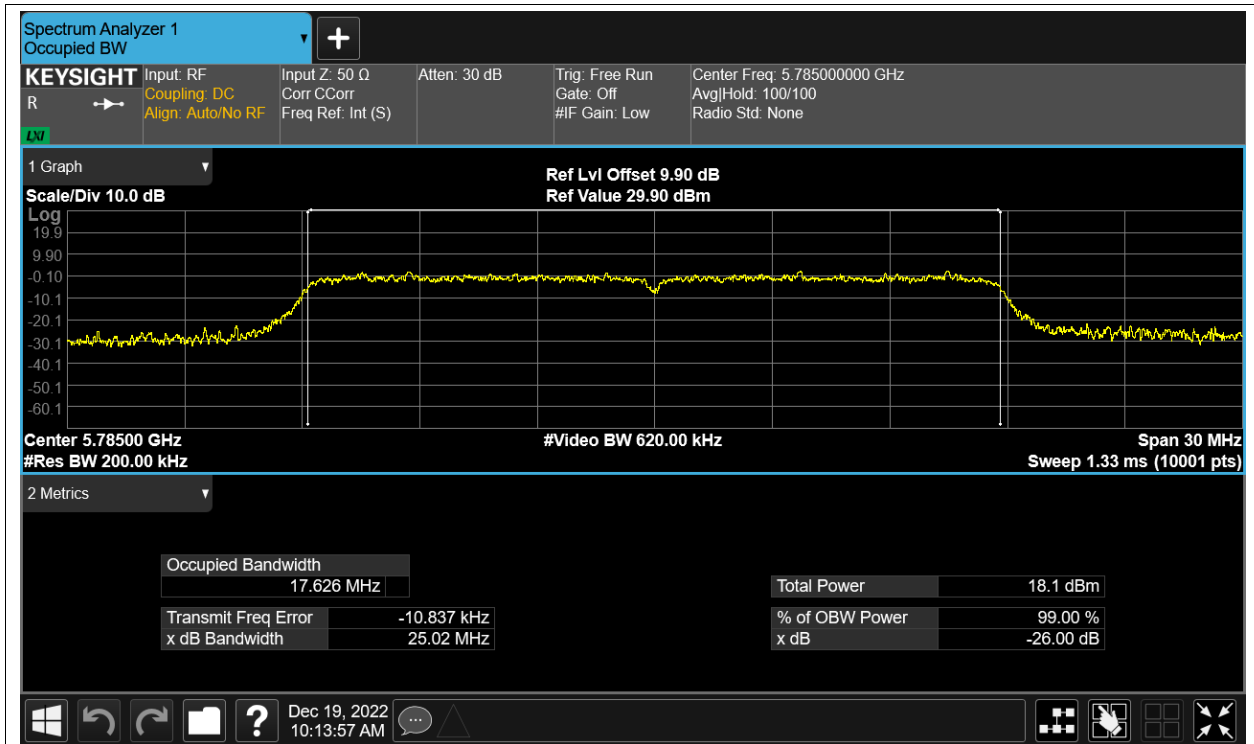
OBW NVNT a 5825MHz Ant1



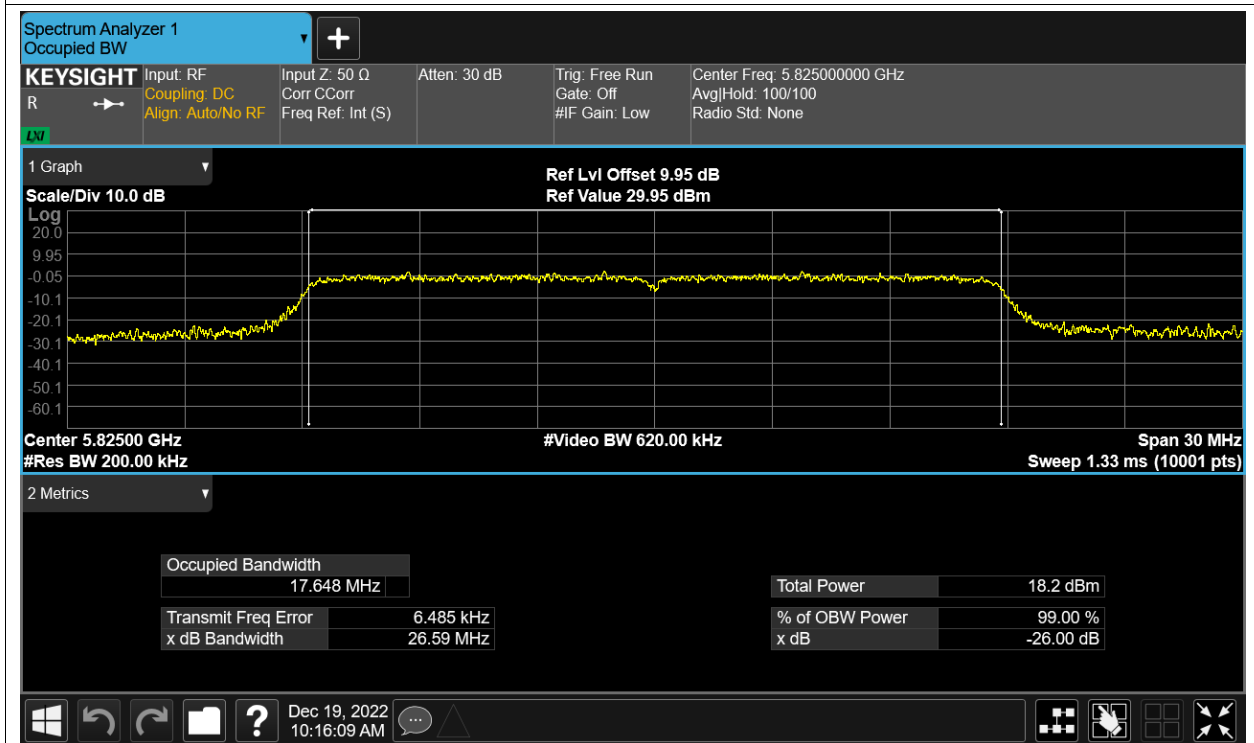
OBW NVNT ac20 5745MHz Ant1



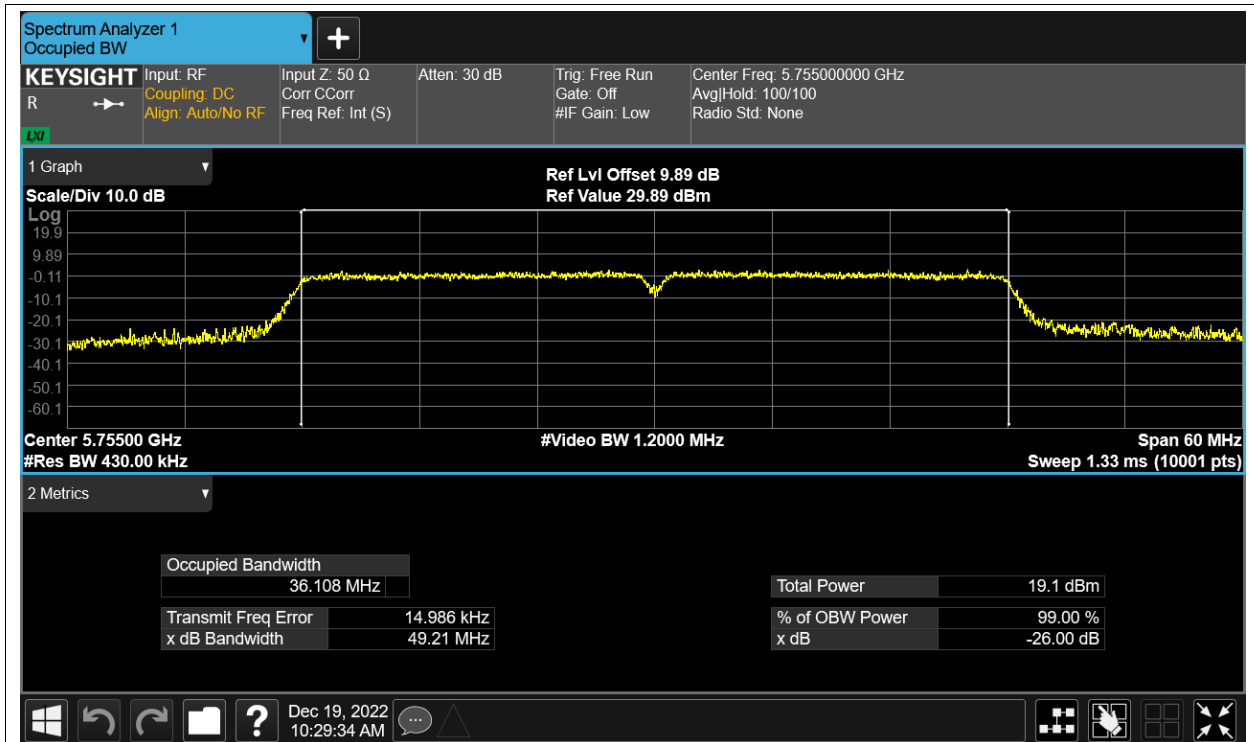
OBW NVNT ac20 5785MHz Ant1



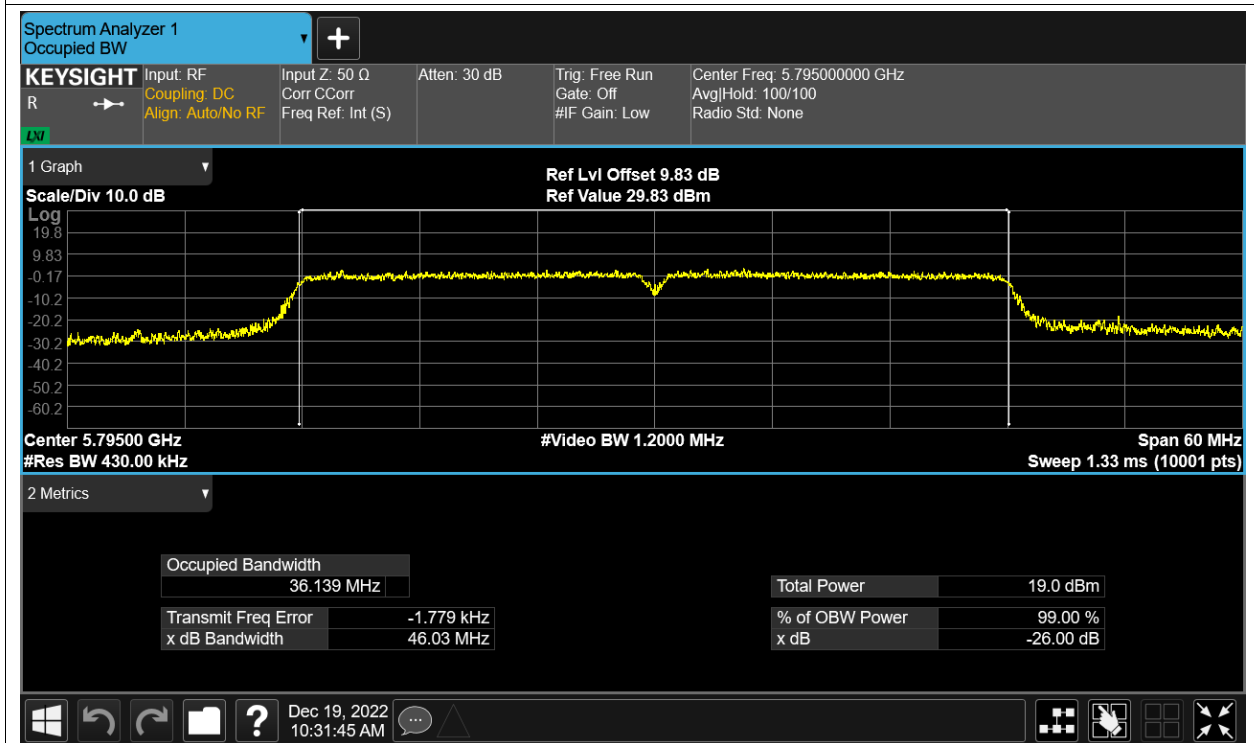
OBW NVNT ac20 5825MHz Ant1



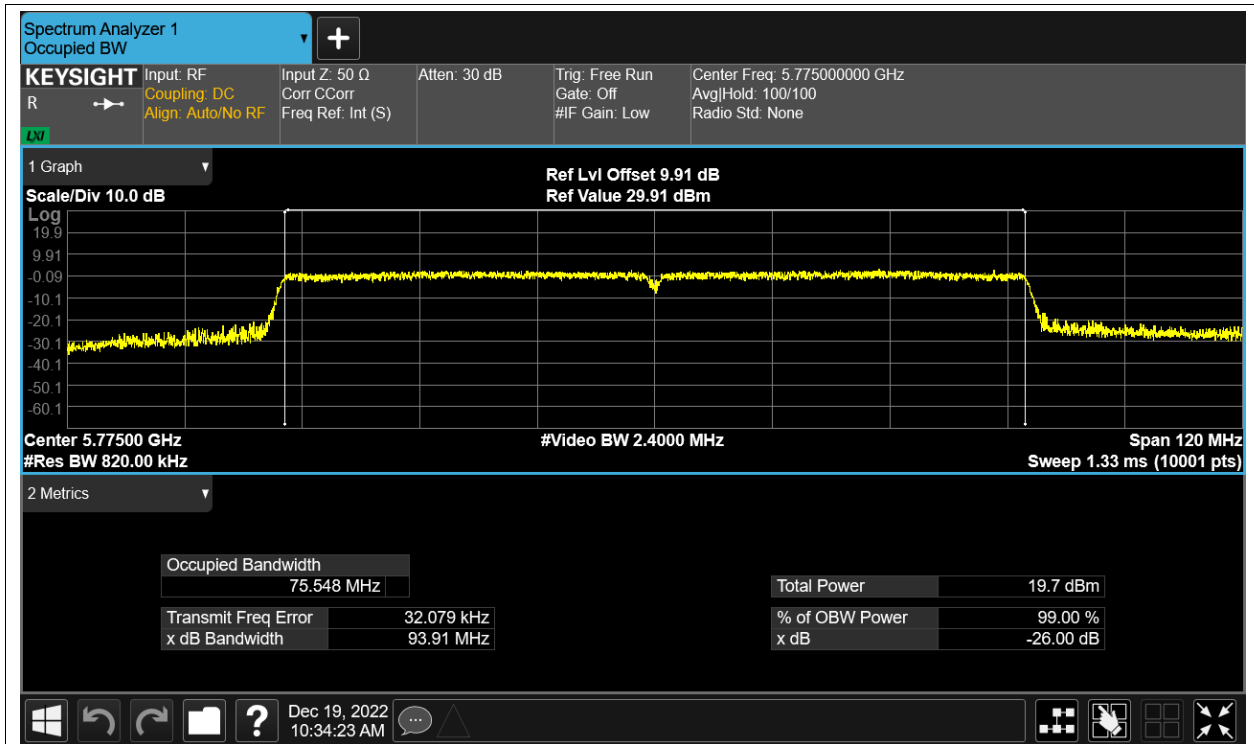
OBW NVNT ac40 5755MHz Ant1



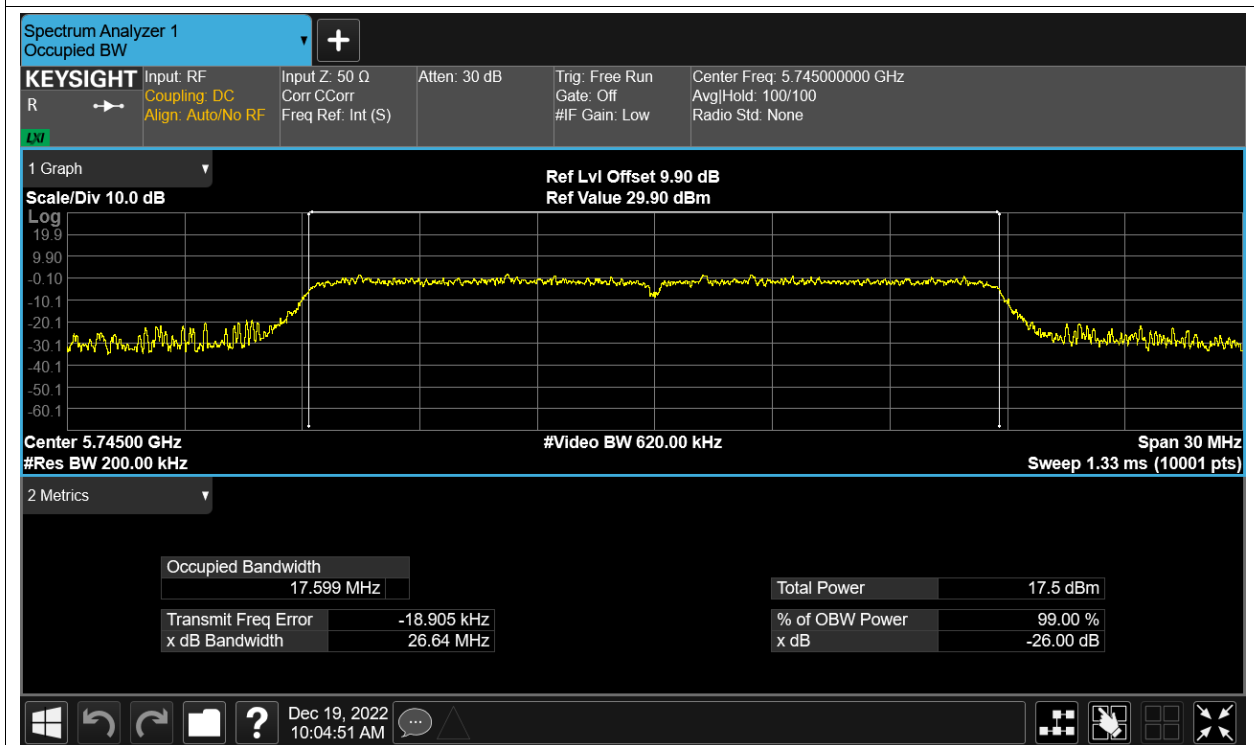
OBW NVNT ac40 5795MHz Ant1



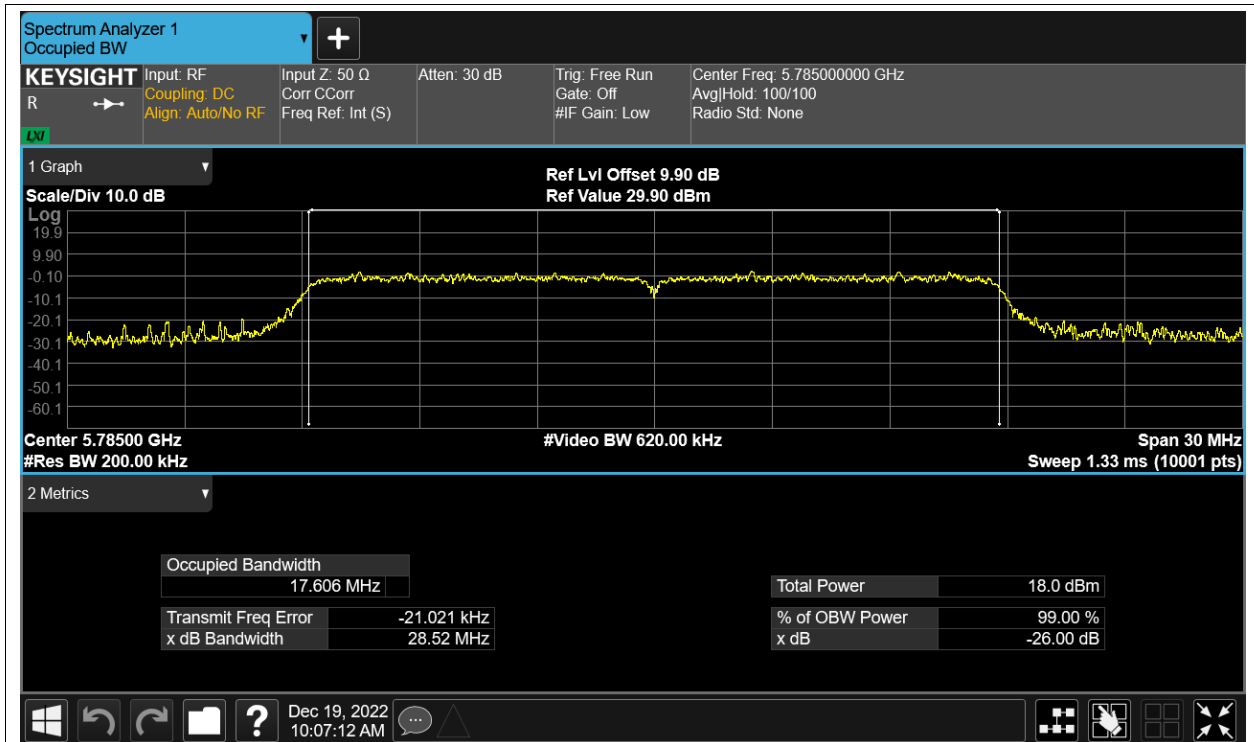
OBW NVNT ac80 5775MHz Ant1



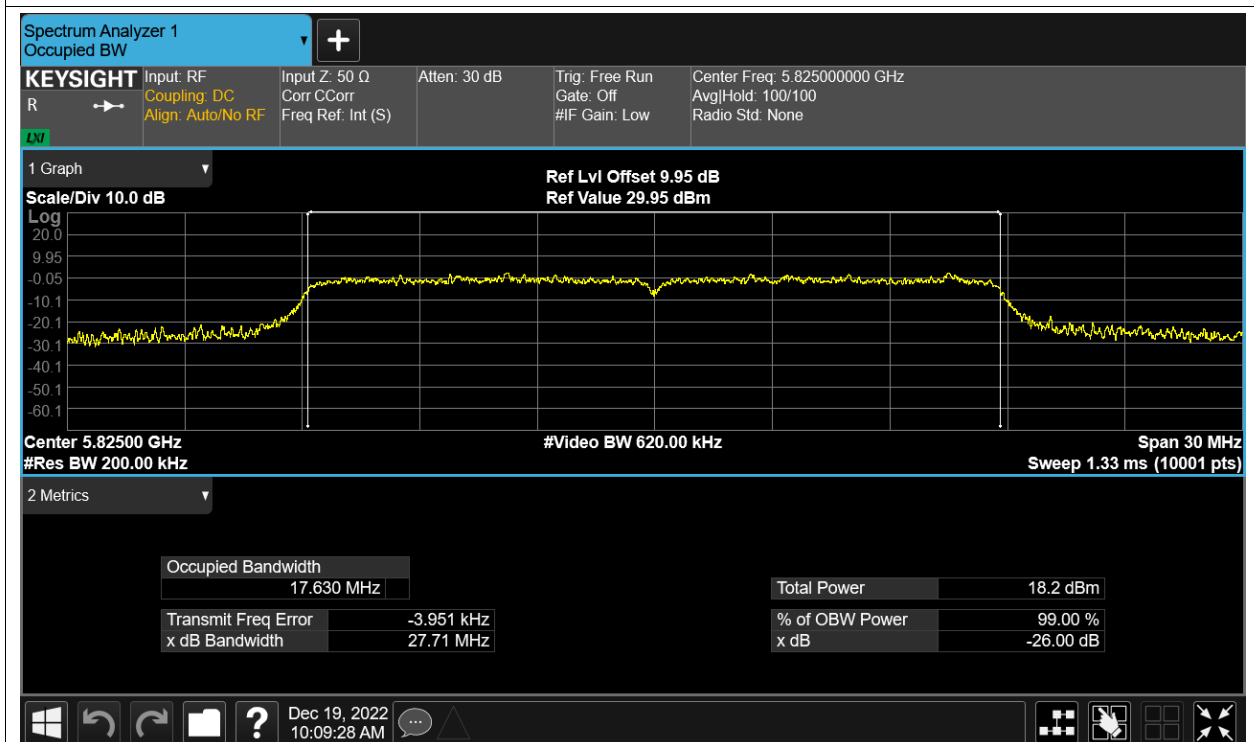
OBW NVNT n20 5745MHz Ant1



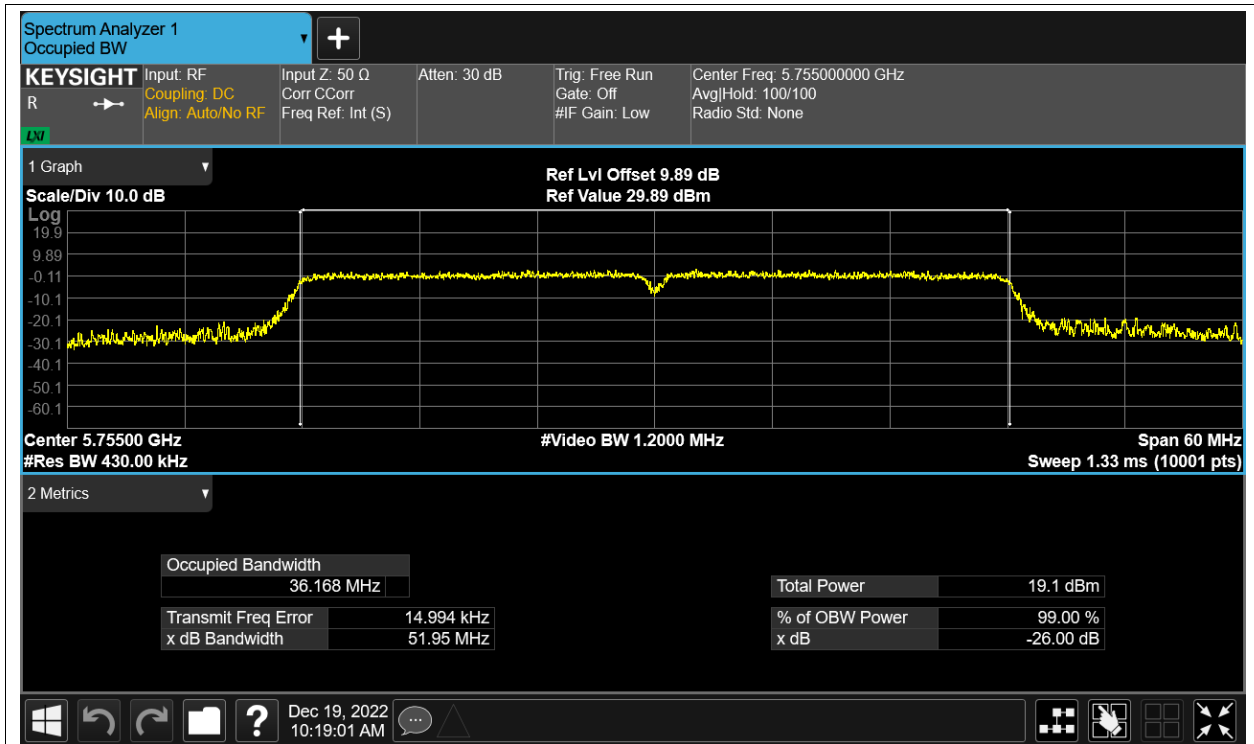
OBW NVNT n20 5785MHz Ant1



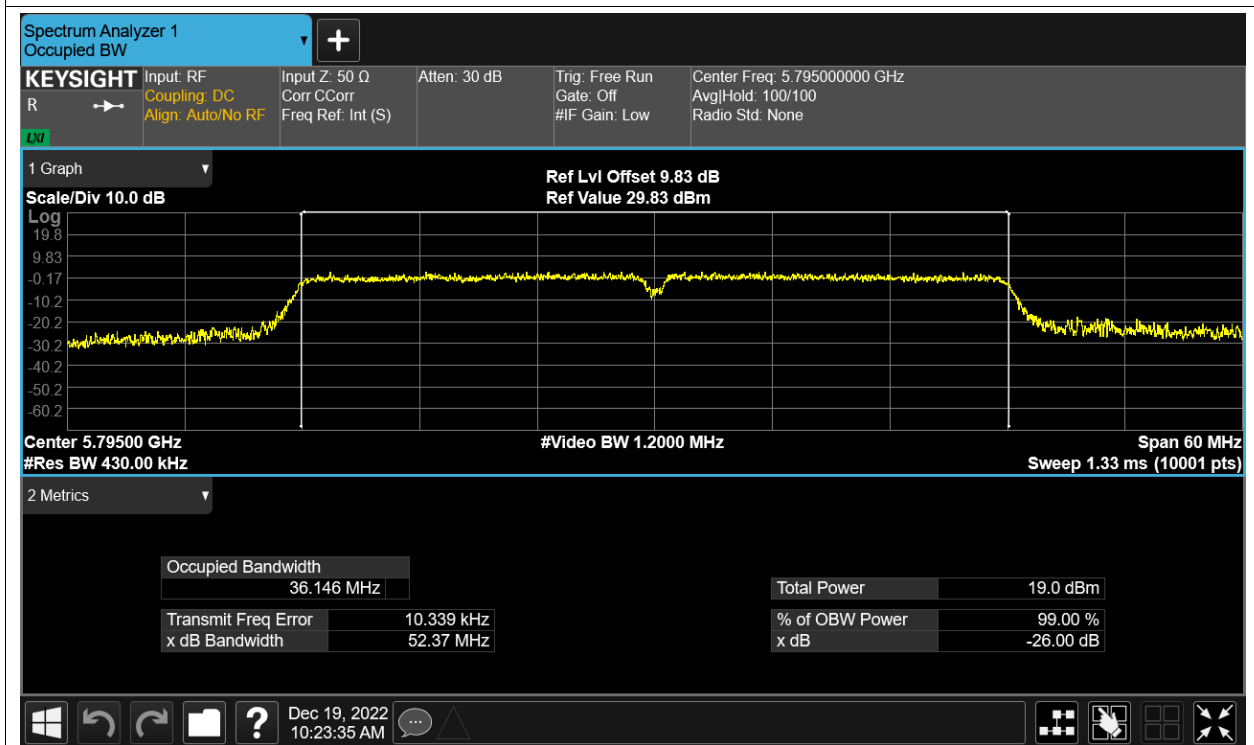
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

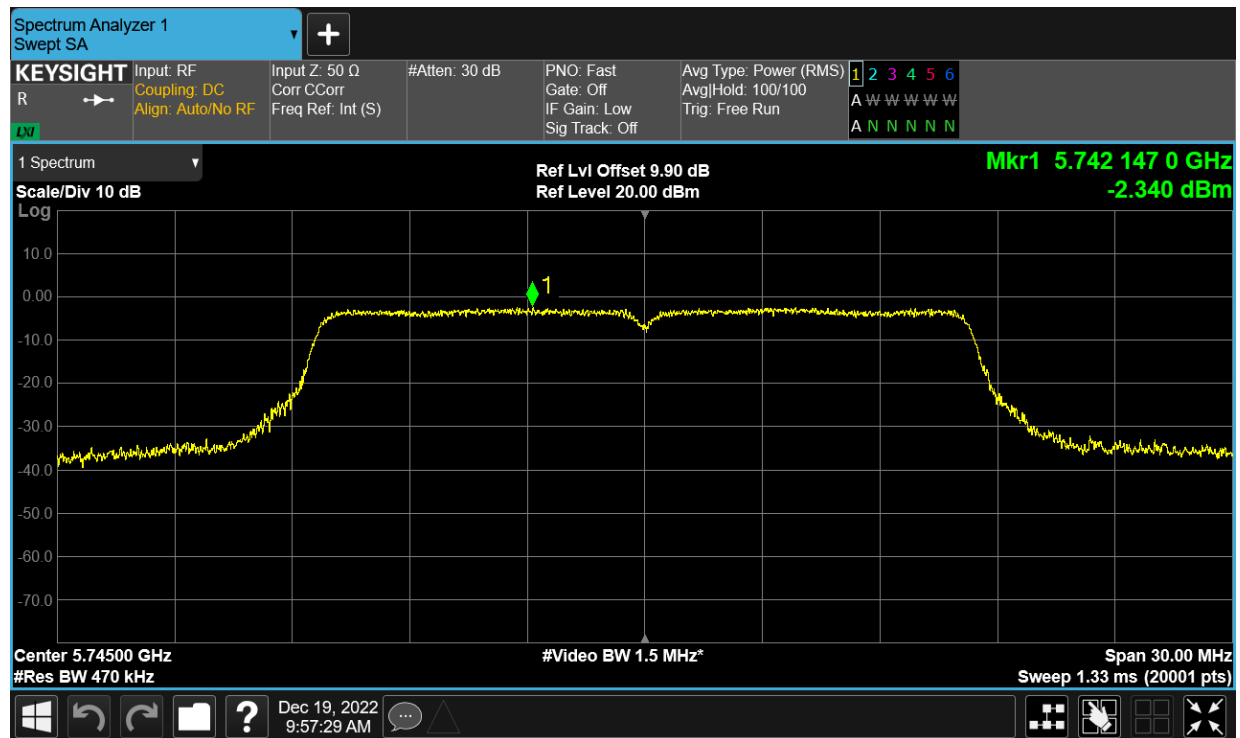


Maximum Power Spectral Density Level

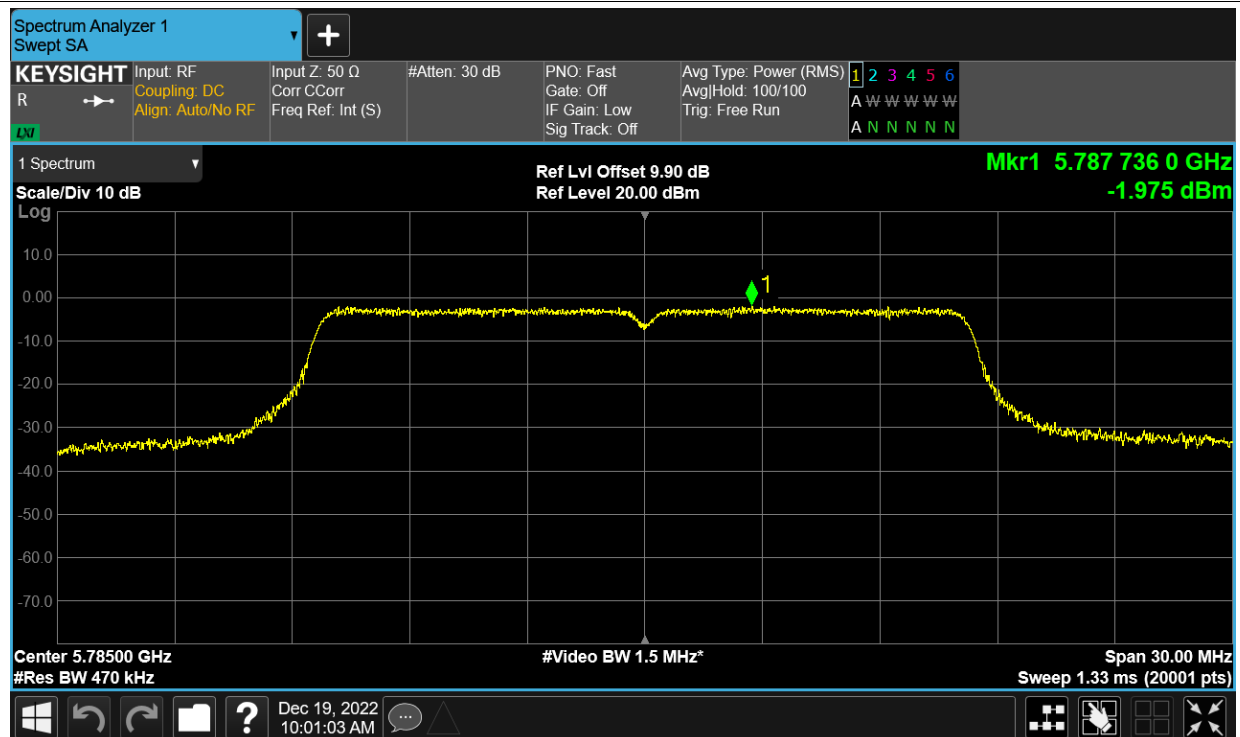
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-2.34	30	Pass
NVNT	a	5785	Ant1	-1.975	30	Pass
NVNT	a	5825	Ant1	-1.862	30	Pass
NVNT	ac20	5745	Ant1	-2.527	30	Pass
NVNT	ac20	5785	Ant1	-1.985	30	Pass
NVNT	ac20	5825	Ant1	-1.907	30	Pass
NVNT	ac40	5755	Ant1	-5.609	30	Pass
NVNT	ac40	5795	Ant1	-6.107	30	Pass
NVNT	ac80	5775	Ant1	-9.088	30	Pass
NVNT	n20	5745	Ant1	-2.732	30	Pass
NVNT	n20	5785	Ant1	-1.657	30	Pass
NVNT	n20	5825	Ant1	-2.004	30	Pass
NVNT	n40	5755	Ant1	-5.44	30	Pass
NVNT	n40	5795	Ant1	-5.112	30	Pass

Test Graphs

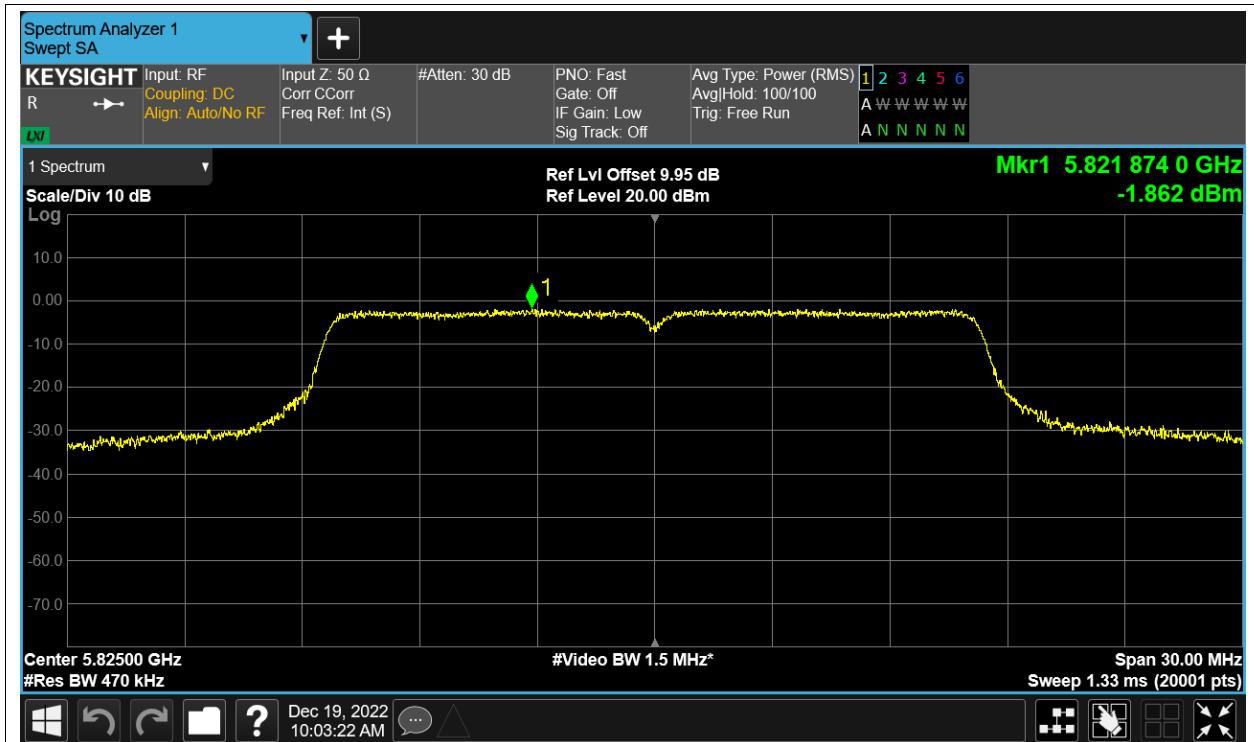
PSD NVNT a 5745MHz Ant1



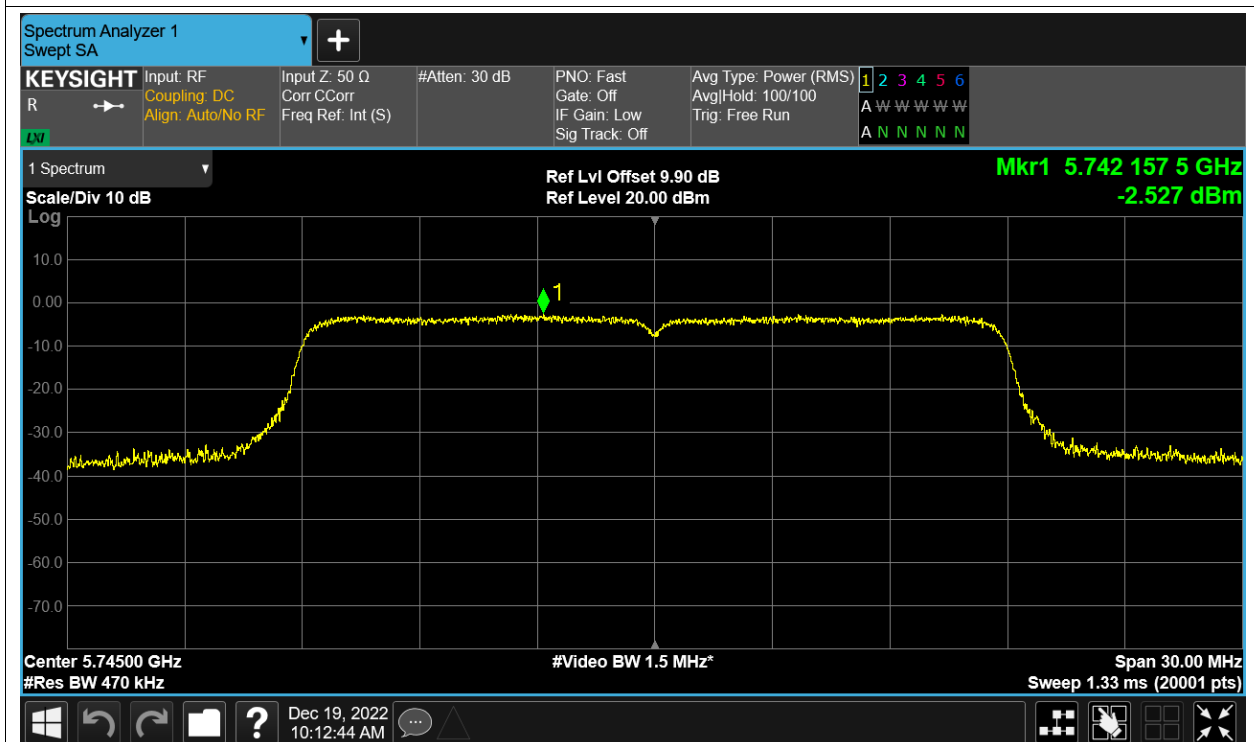
PSD NVNT a 5785MHz Ant1



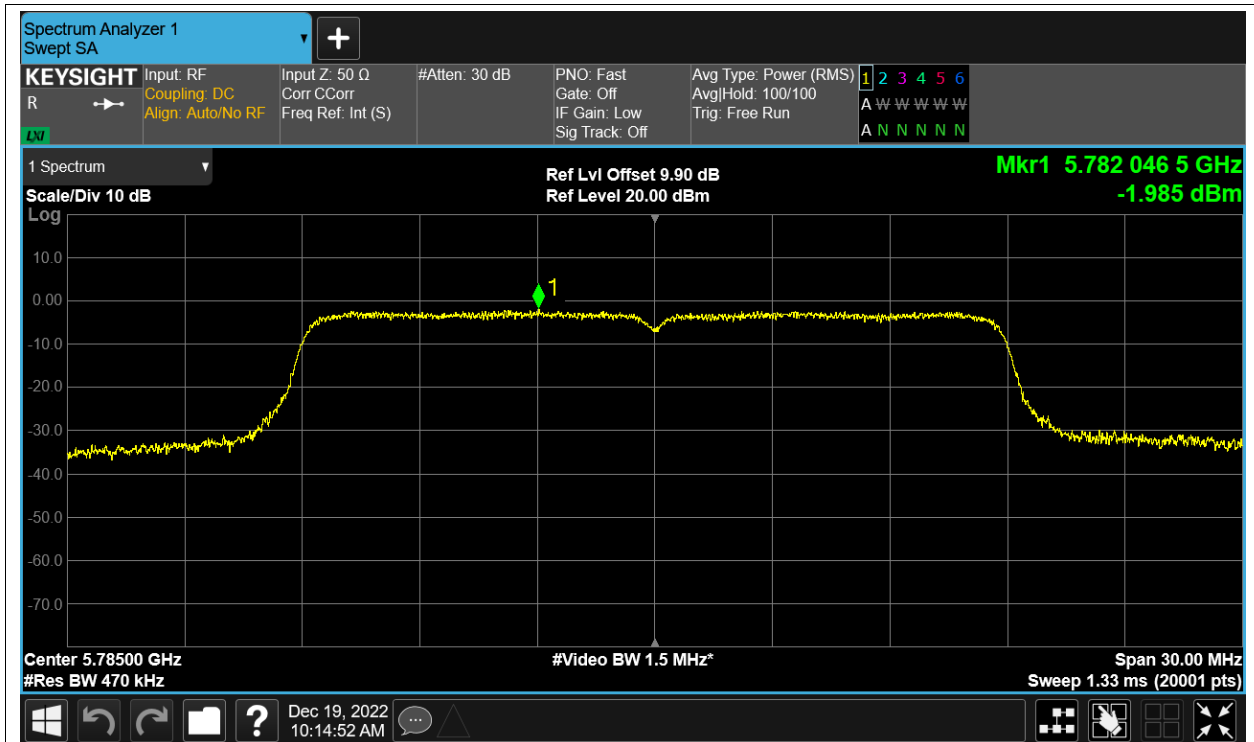
PSD NVNT a 5825MHz Ant1



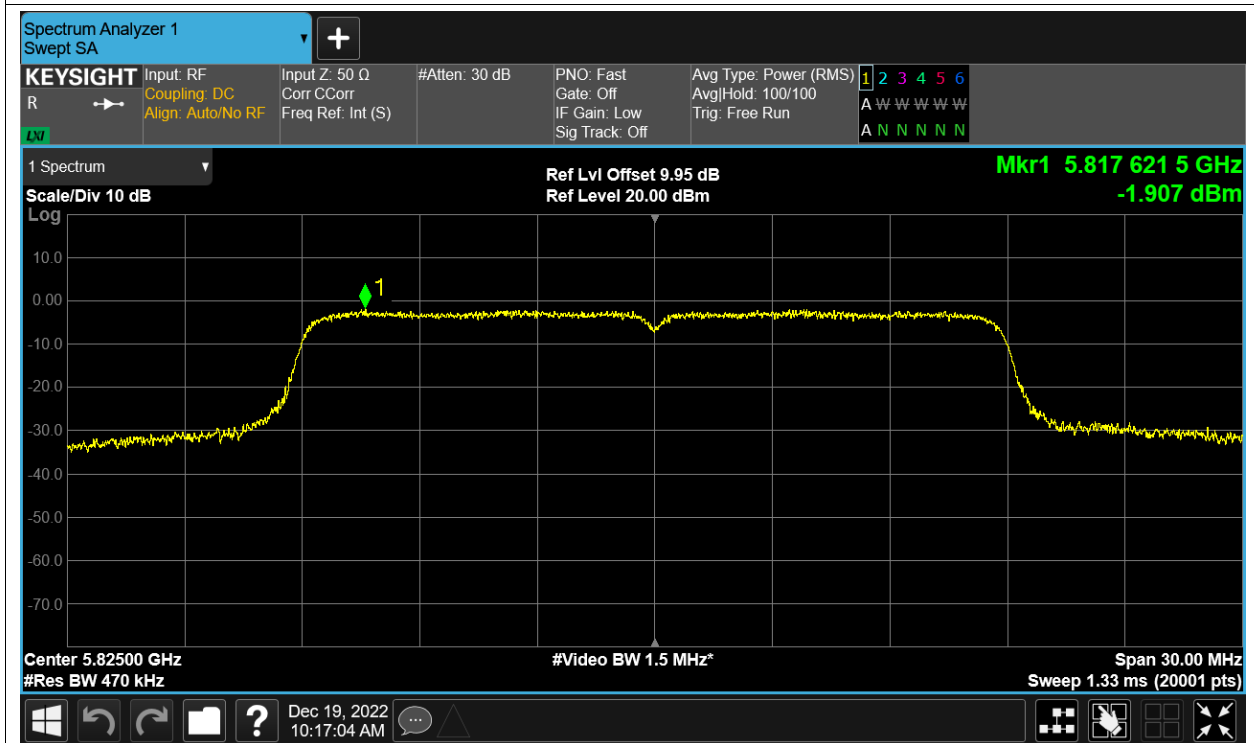
PSD NVNT ac20 5745MHz Ant1



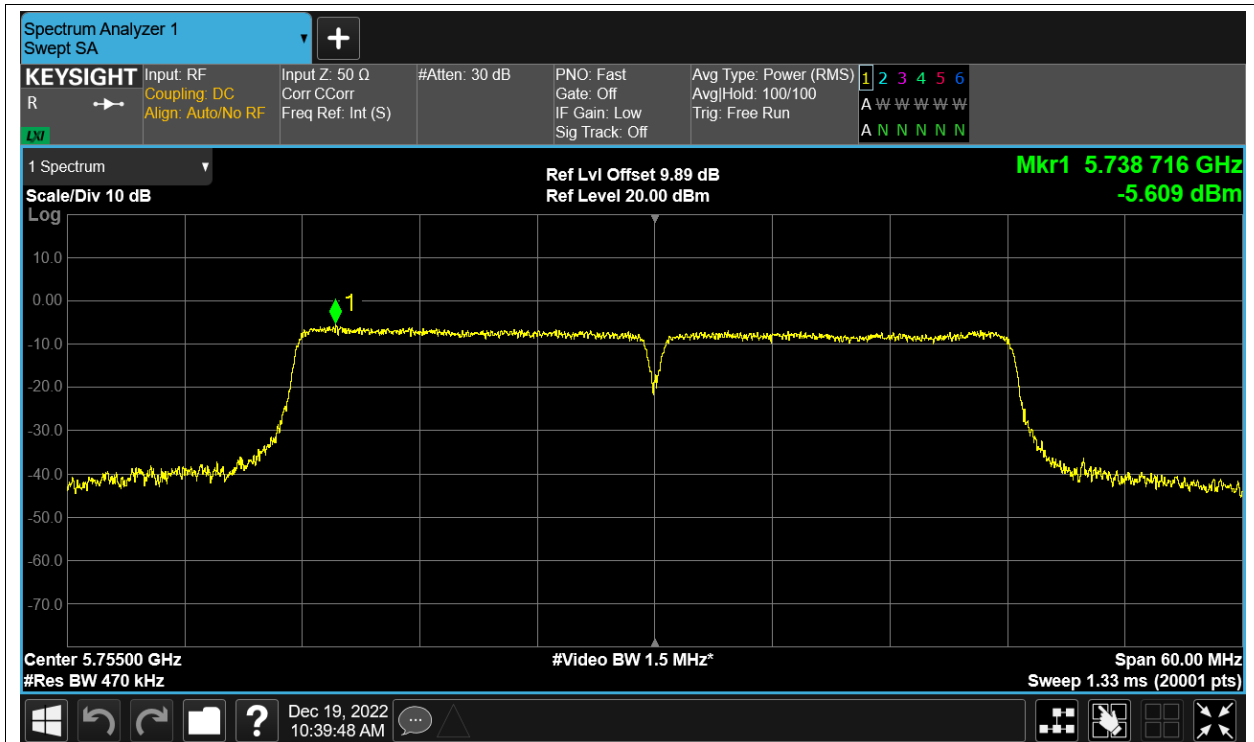
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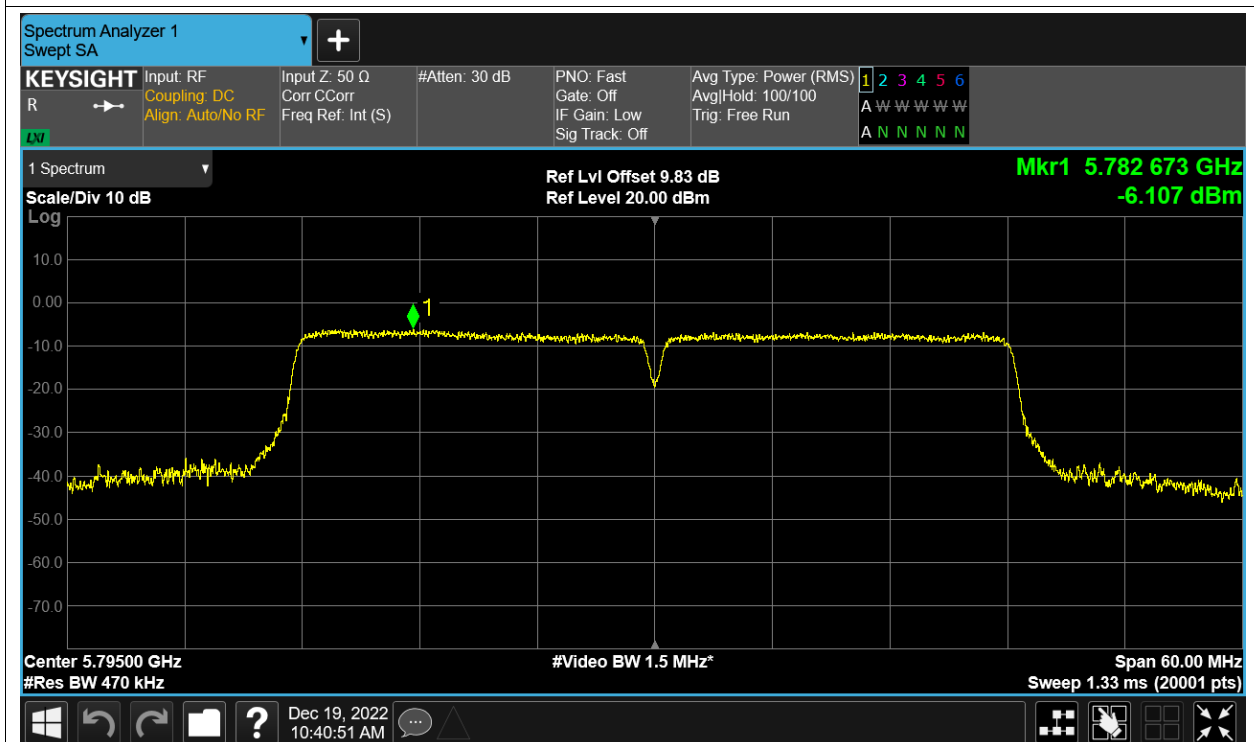
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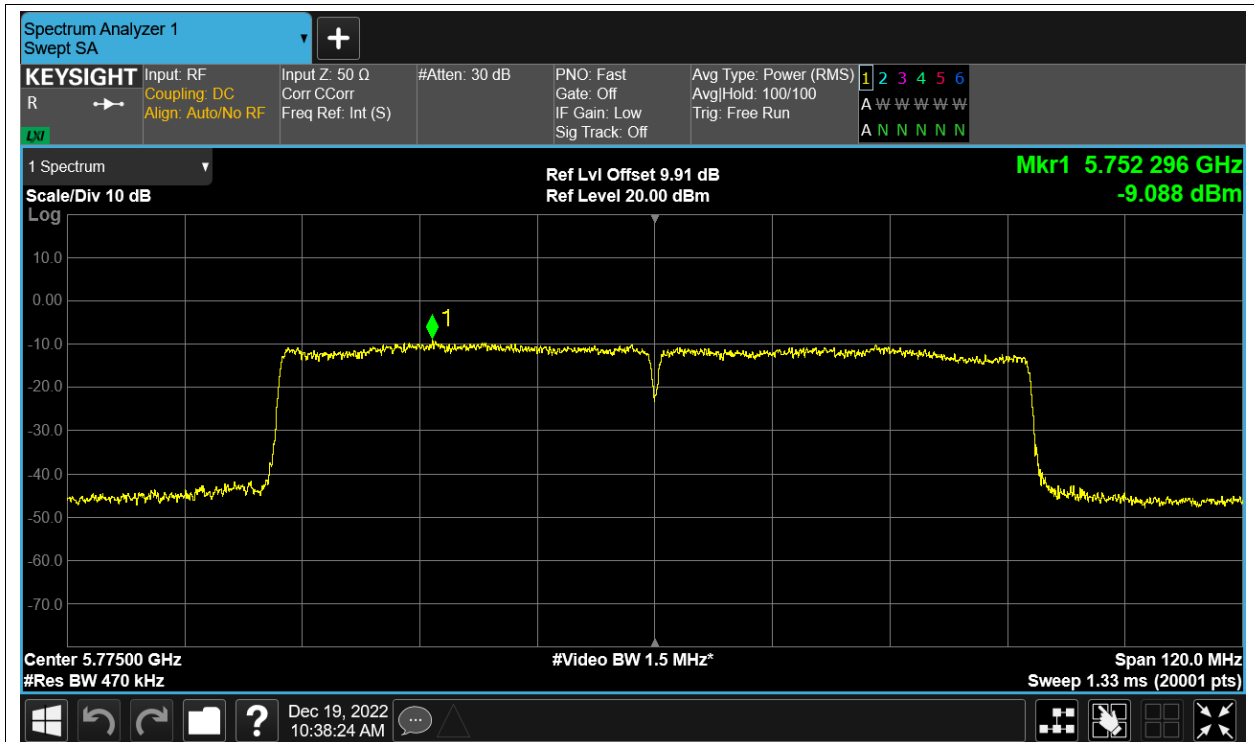
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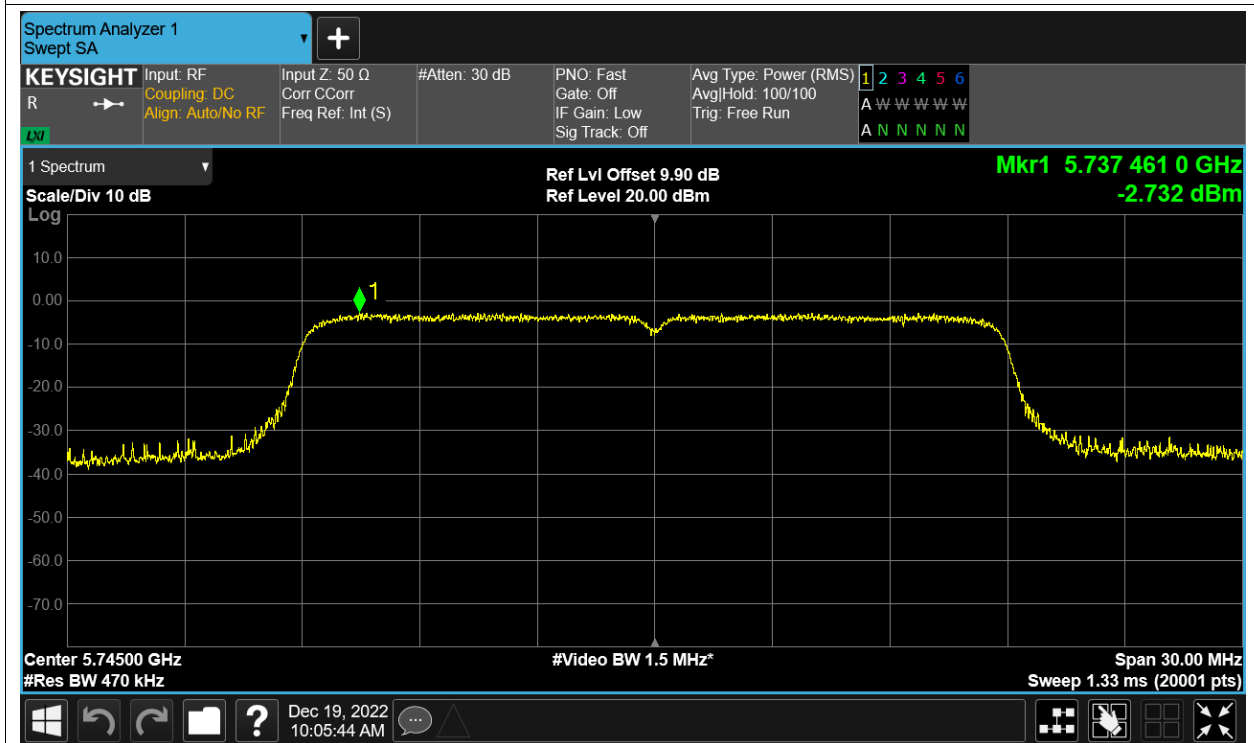
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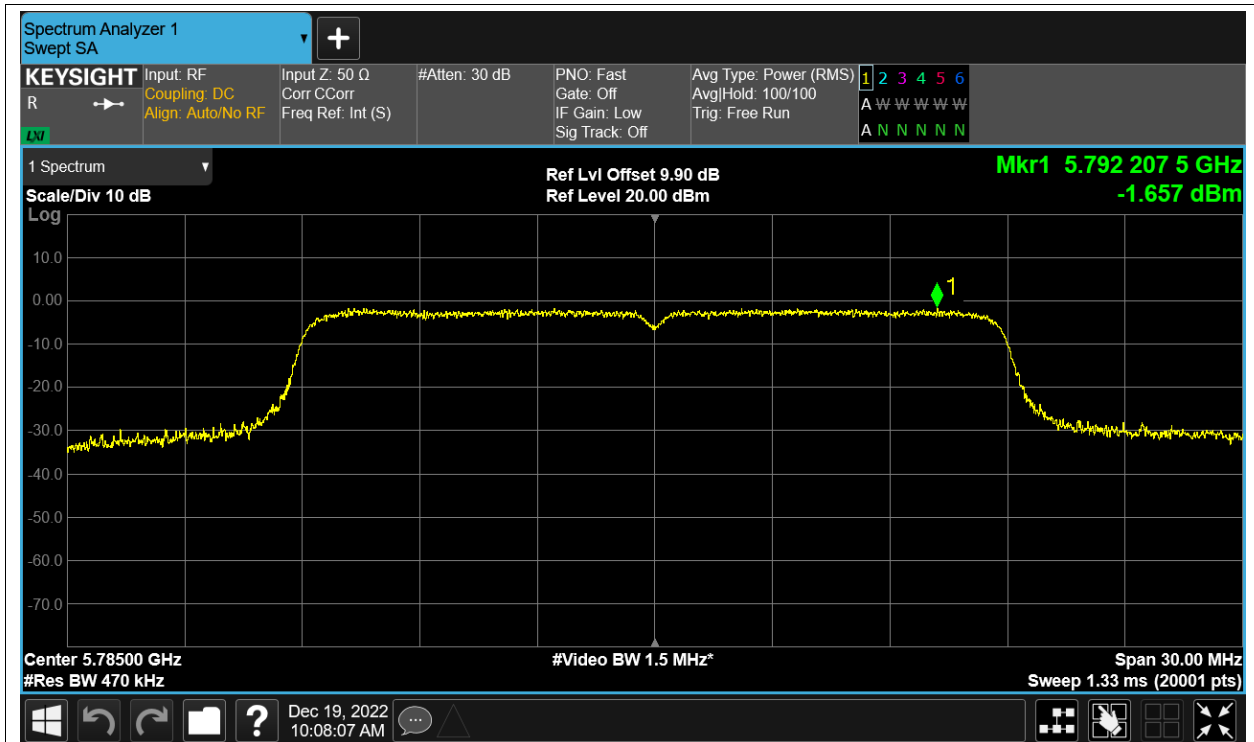
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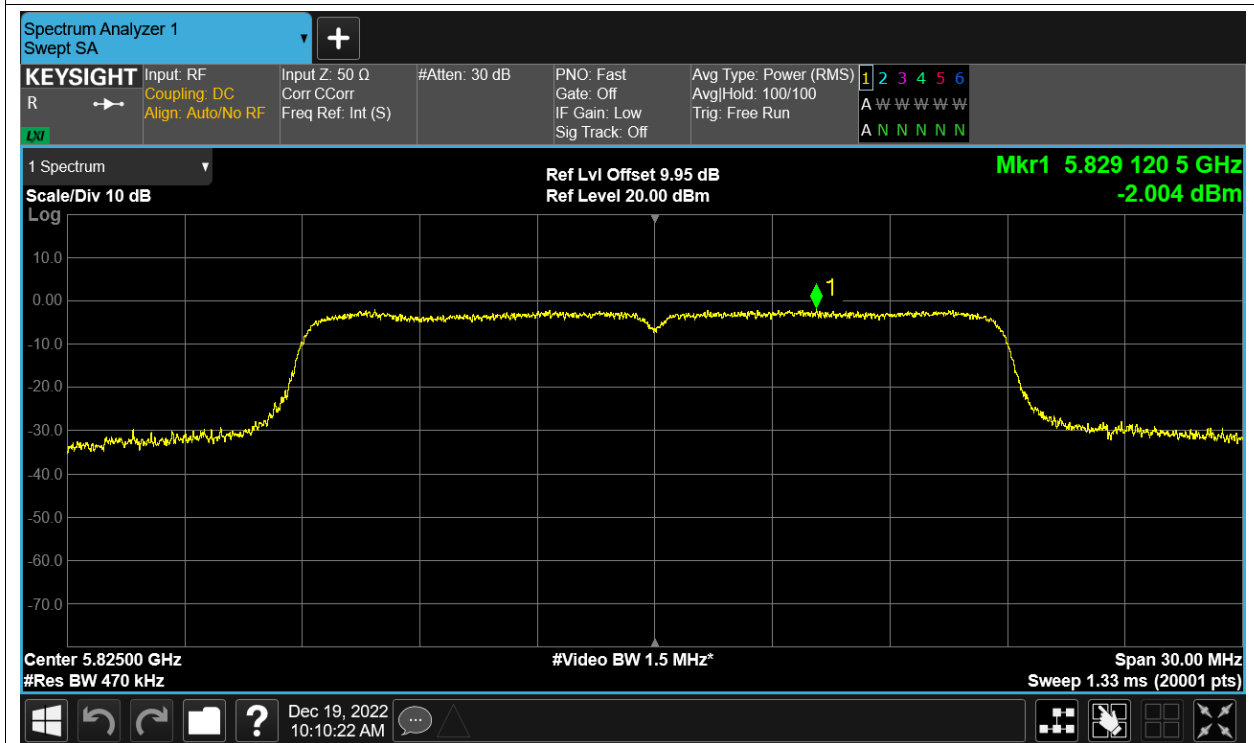
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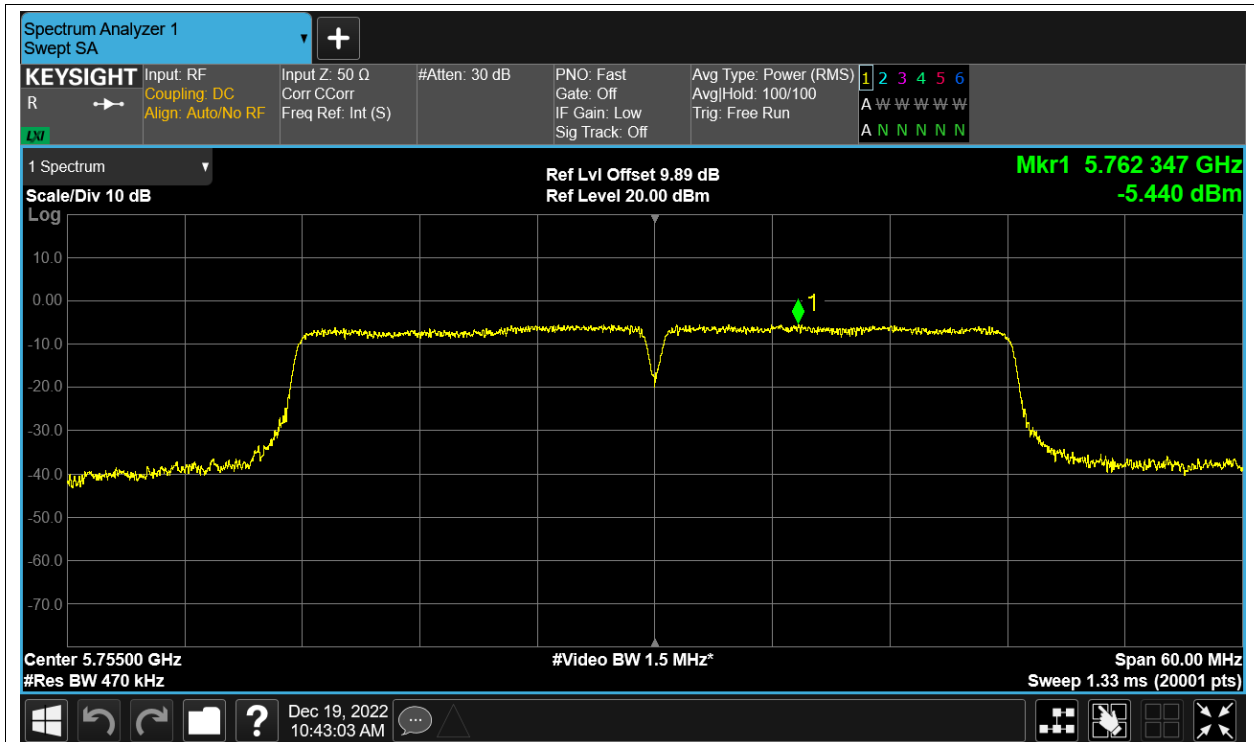
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PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

