

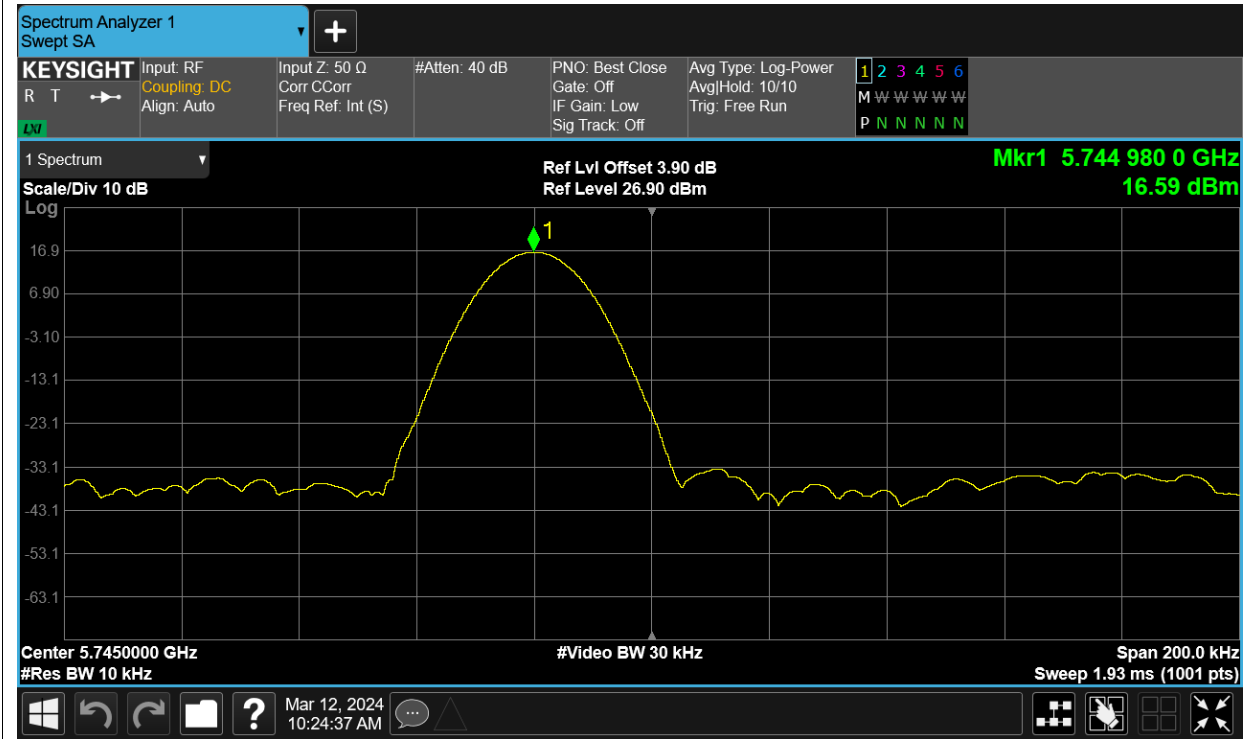
Test Data

Frequency Stability

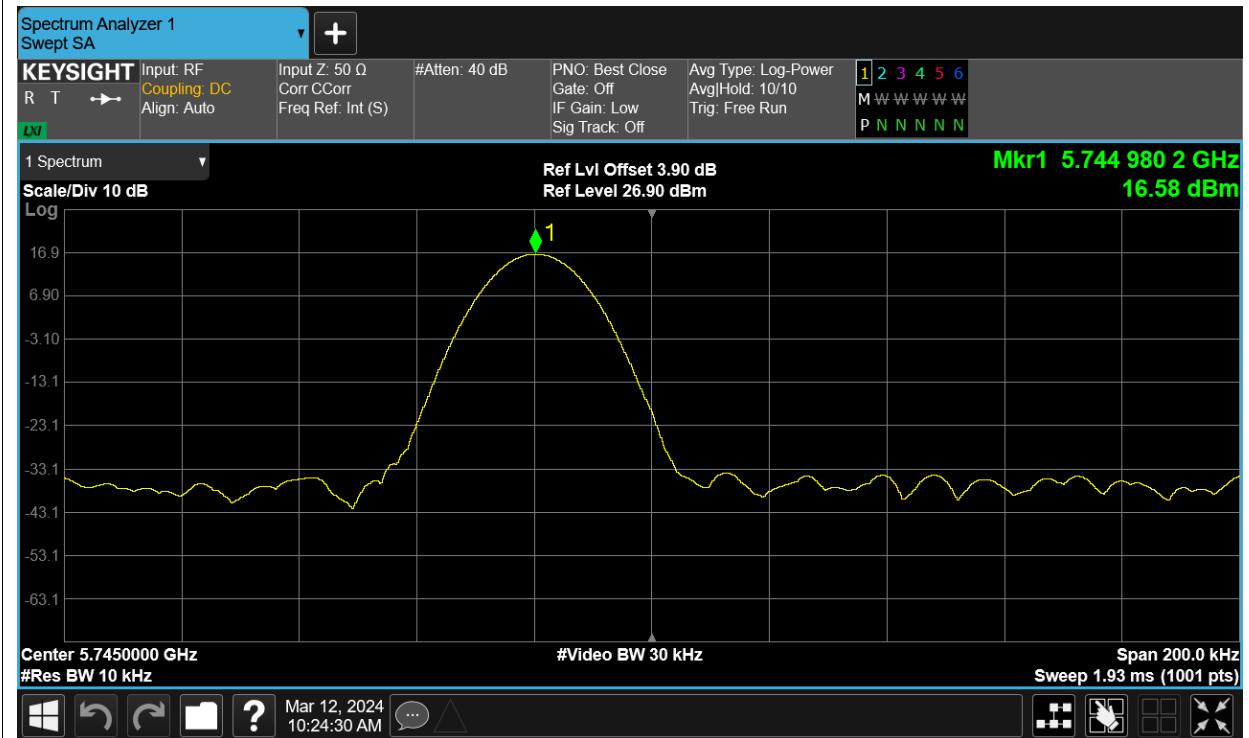
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant4	5744.98	-3.48	25	Pass
LVNT	a	5745	Ant4	5744.9802	-3.45	25	Pass
NVHT	a	5745	Ant4	5744.9808	-3.34	25	Pass
NVLT	a	5745	Ant4	5744.981	-3.31	25	Pass
NVNT	a	5745	Ant4	5744.9808	-3.34	25	Pass
HVNT	ac80	5775	Ant4	5774.9824	-3.05	25	Pass
LVNT	ac80	5775	Ant4	5774.9828	-2.98	25	Pass
NVHT	ac80	5775	Ant4	5774.9832	-2.91	25	Pass
NVLT	ac80	5775	Ant4	5774.9838	-2.81	25	Pass
NVNT	ac80	5775	Ant4	5774.9848	-2.63	25	Pass
HVNT	n40	5755	Ant4	5754.9806	-3.37	25	Pass
LVNT	n40	5755	Ant4	5754.9806	-3.37	25	Pass
NVHT	n40	5755	Ant4	5754.9808	-3.34	25	Pass
NVLT	n40	5755	Ant4	5754.9812	-3.27	25	Pass
NVNT	n40	5755	Ant4	5754.9818	-3.16	25	Pass

Test Graphs

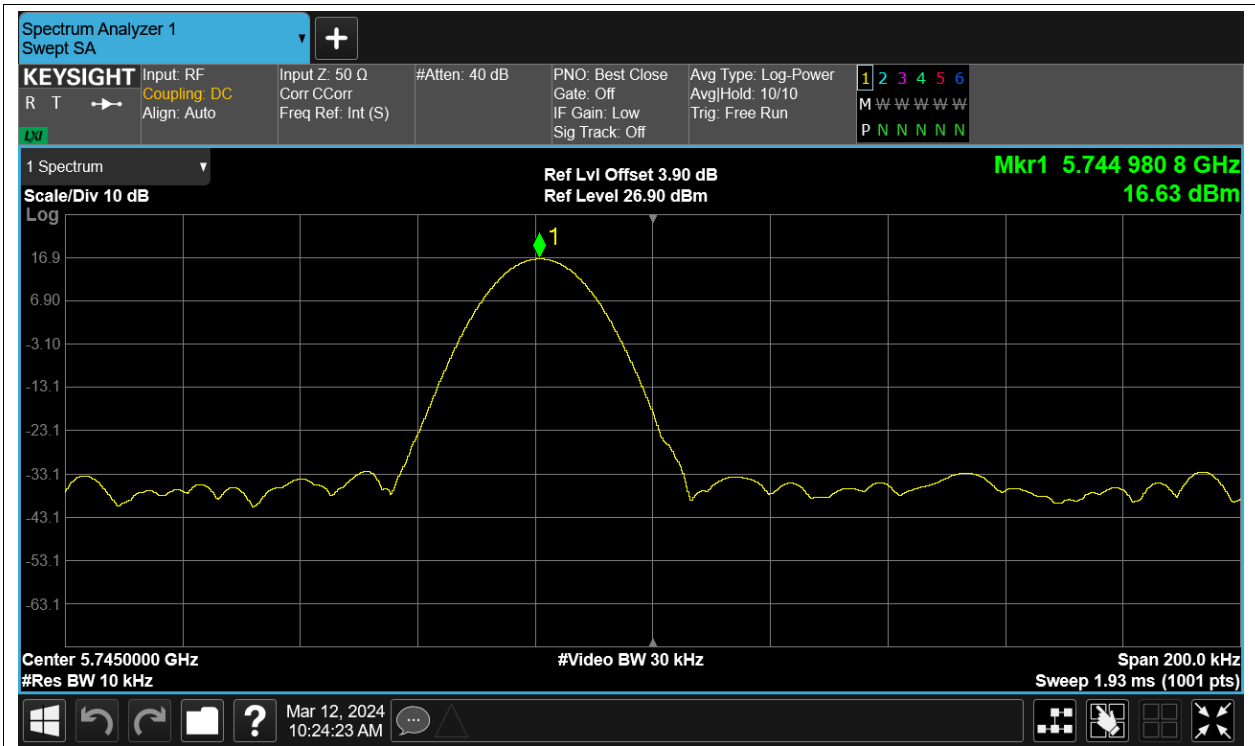
Freq. Stability HVNT a 5745MHz Ant4



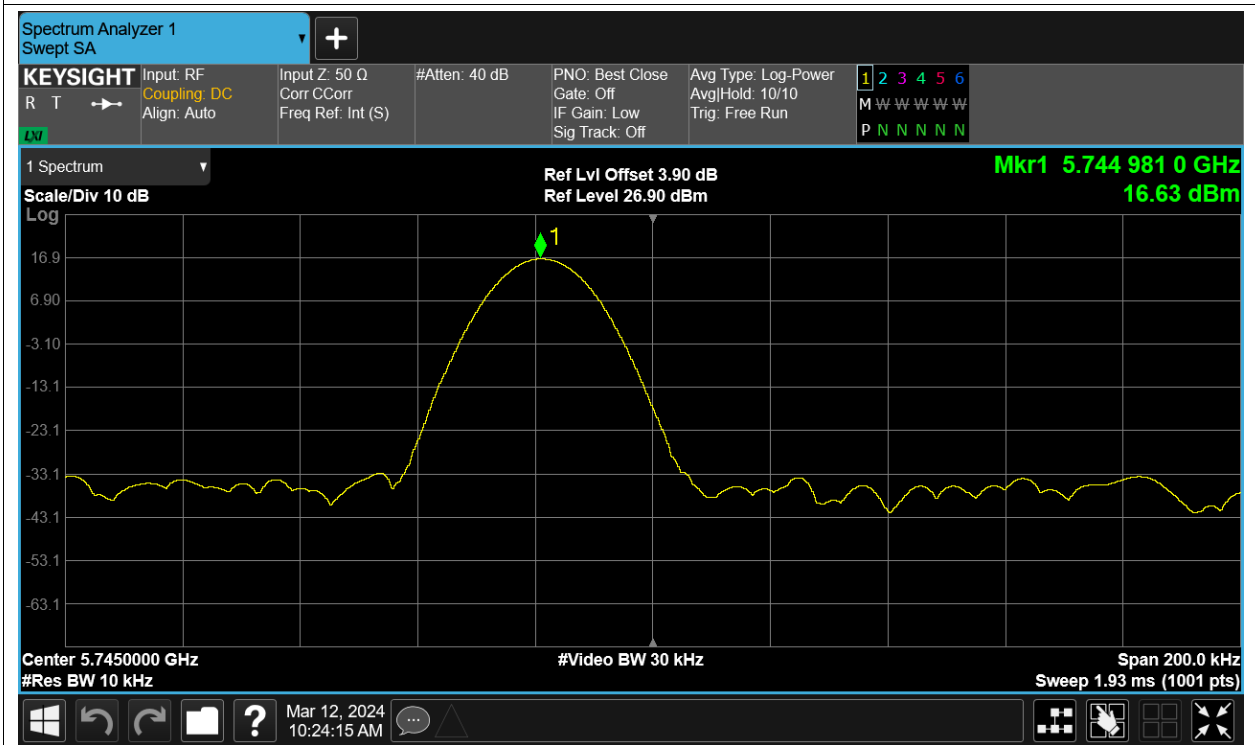
Freq. Stability LVNT a 5745MHz Ant4



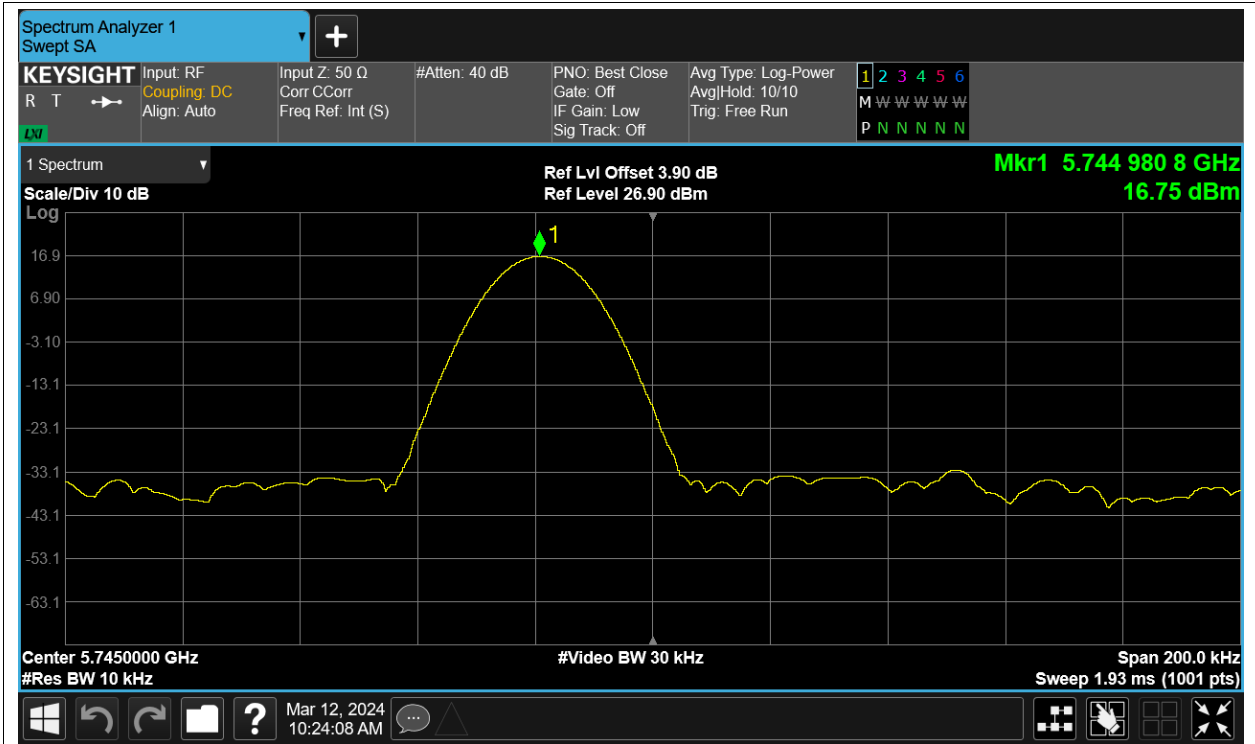
Freq. Stability NVHT a 5745MHz Ant4



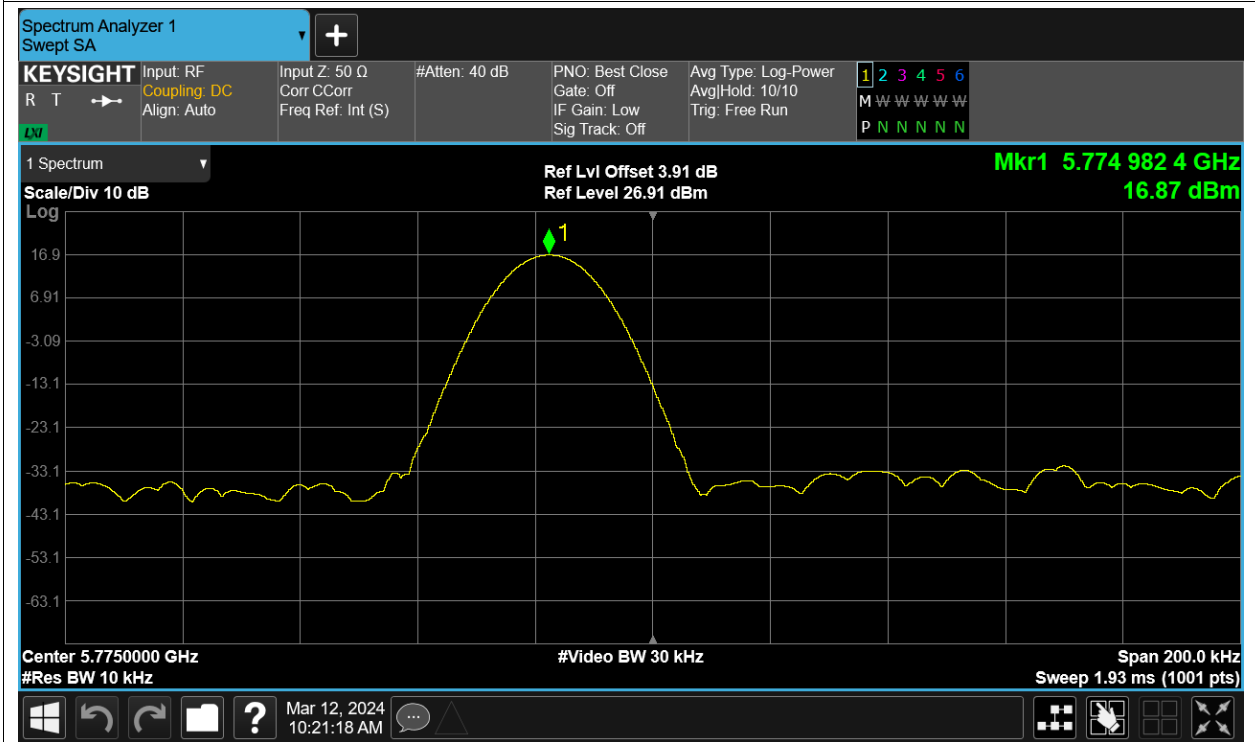
Freq. Stability NVLT a 5745MHz Ant4



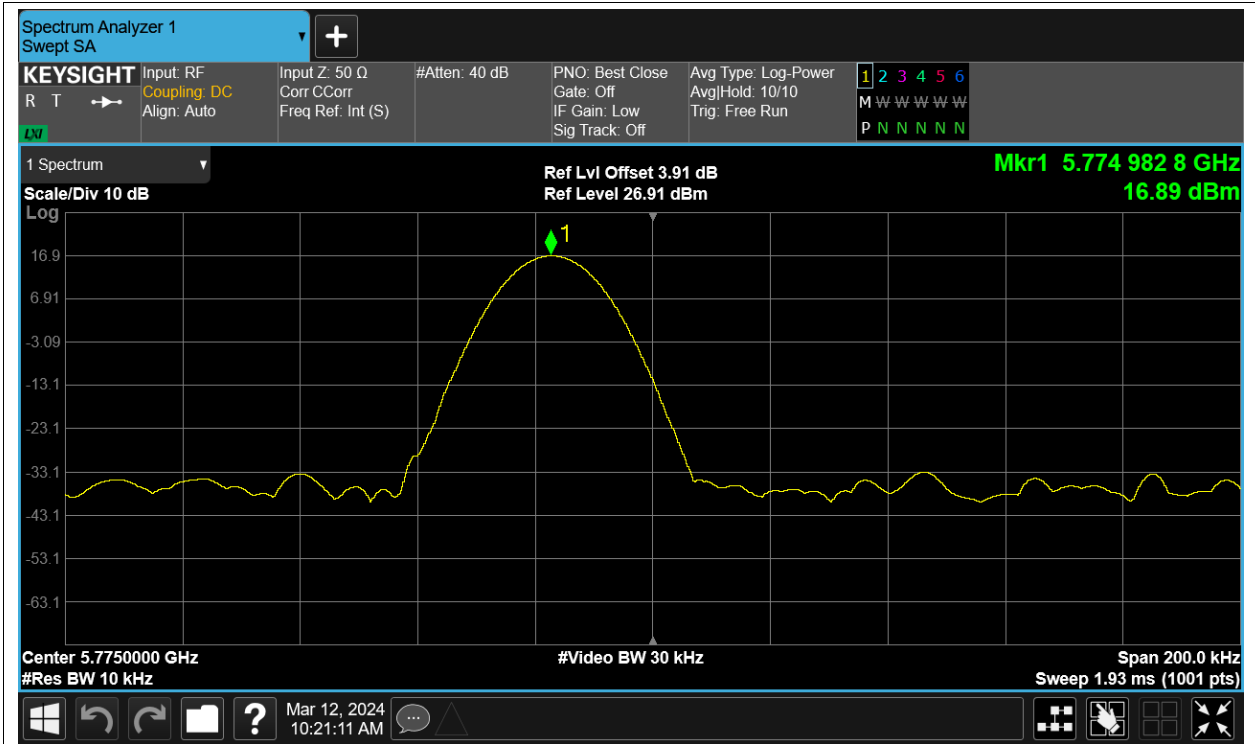
Freq. Stability NVNT a 5745MHz Ant4



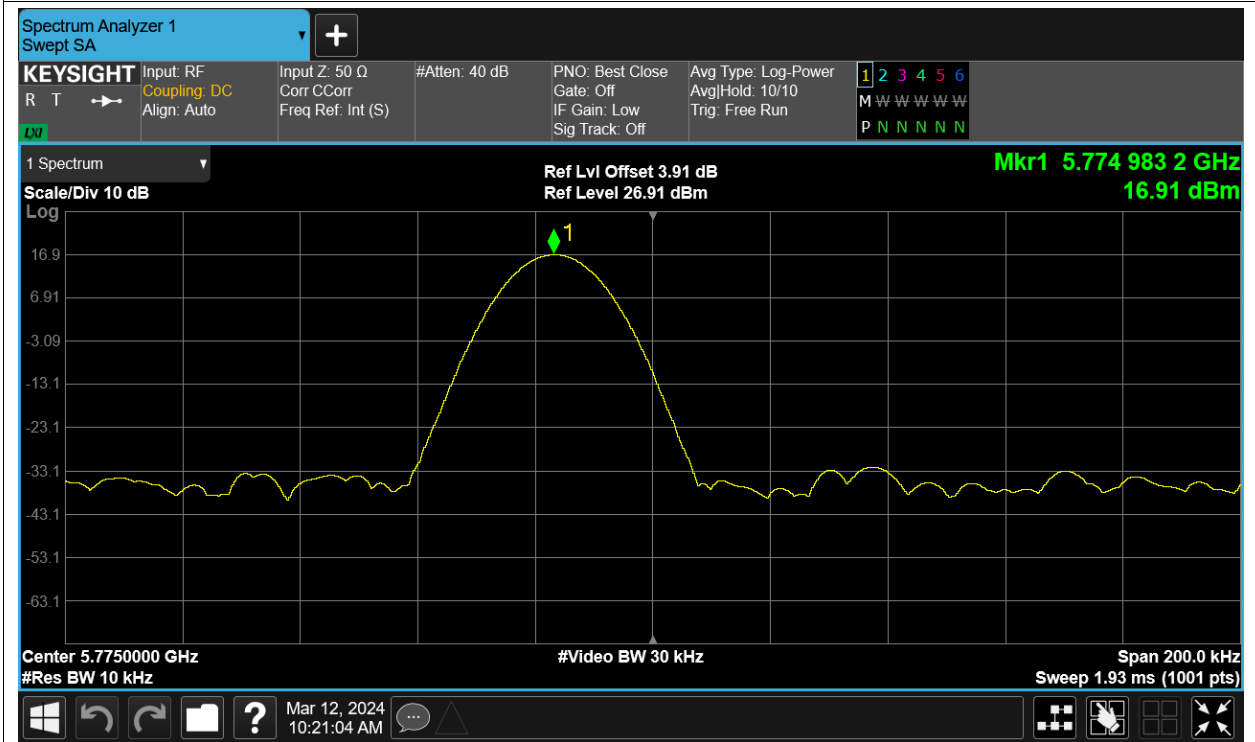
Freq. Stability HVNT ac80 5775MHz Ant4



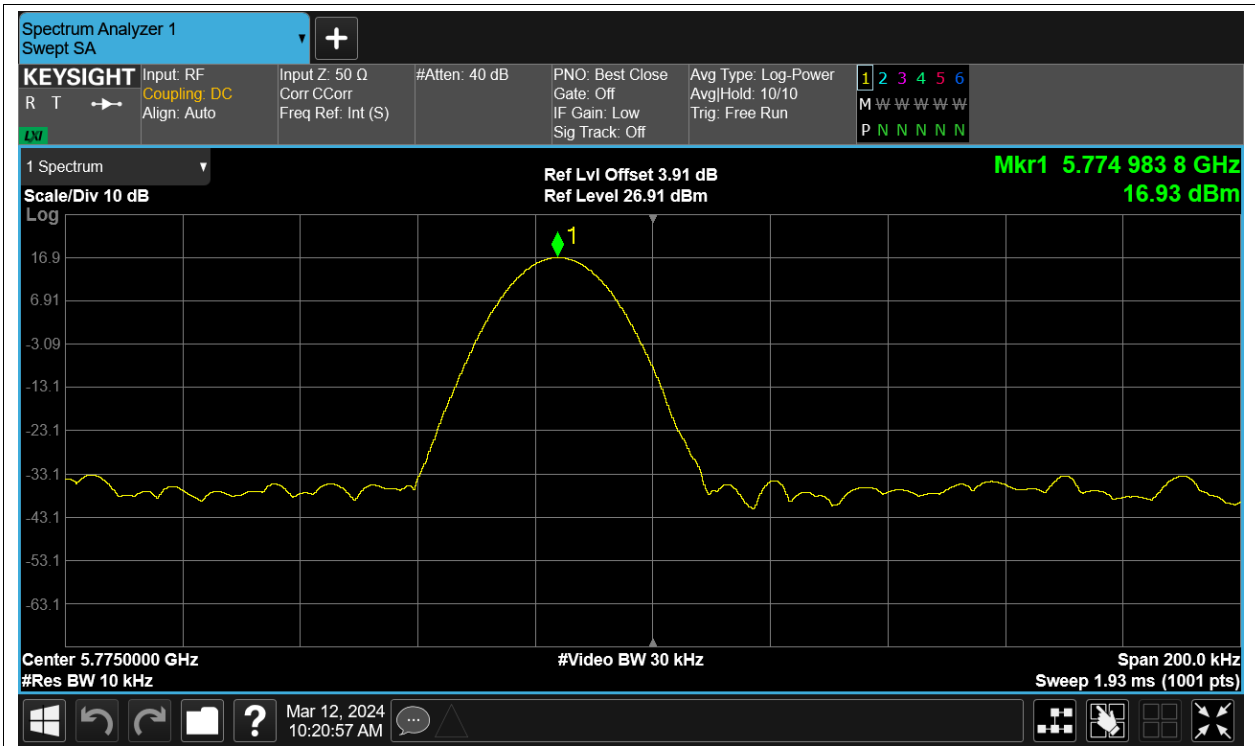
Freq. Stability LVNT ac80 5775MHz Ant4



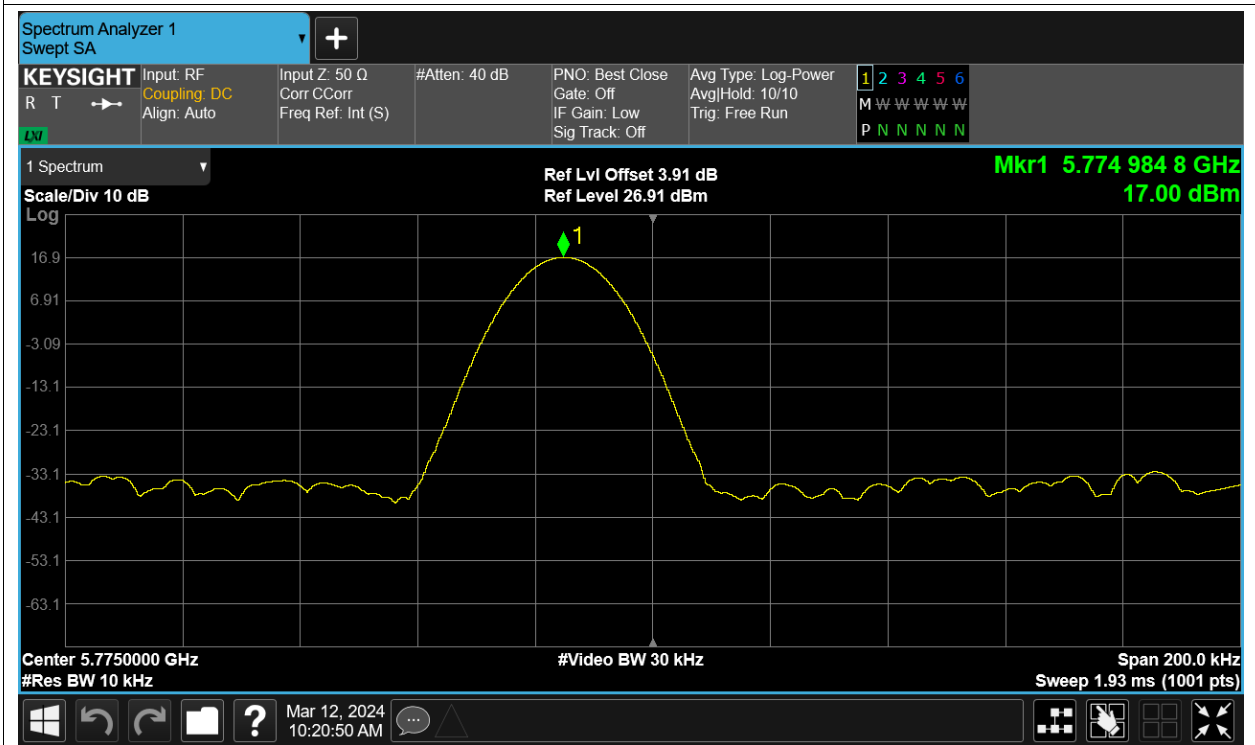
Freq. Stability NVHT ac80 5775MHz Ant4



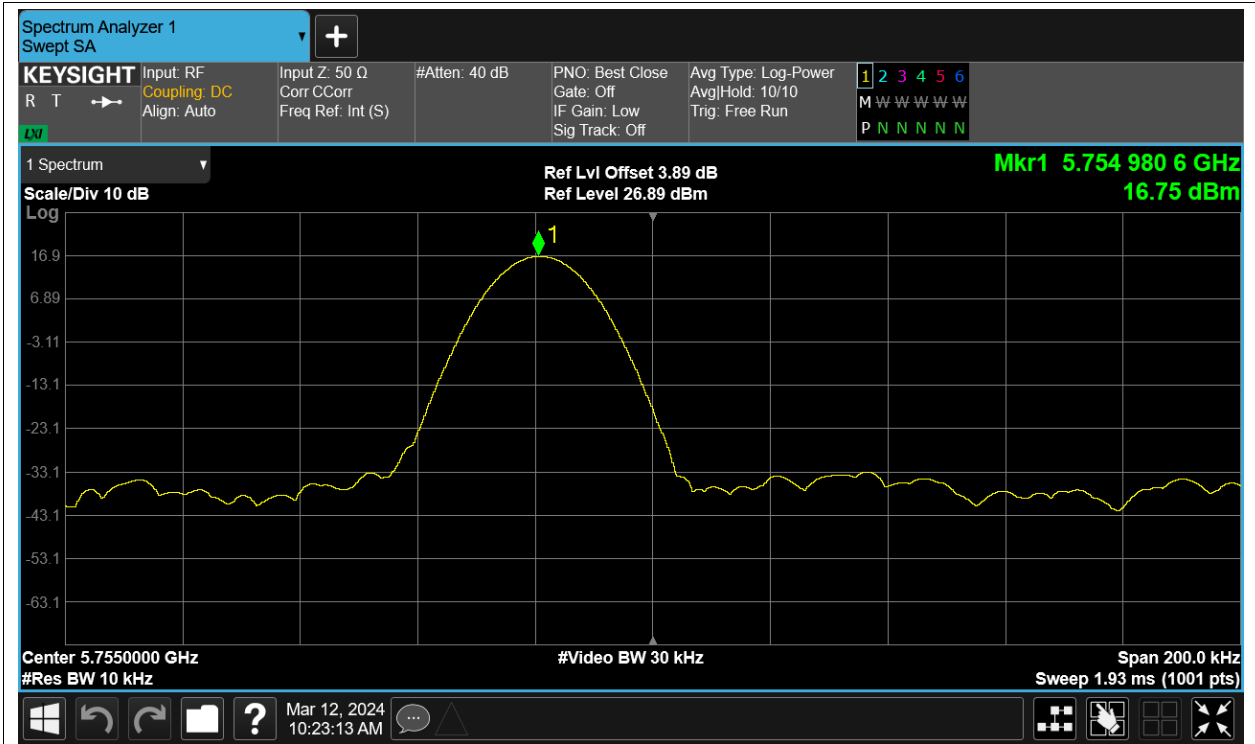
Freq. Stability NVLT ac80 5775MHz Ant4



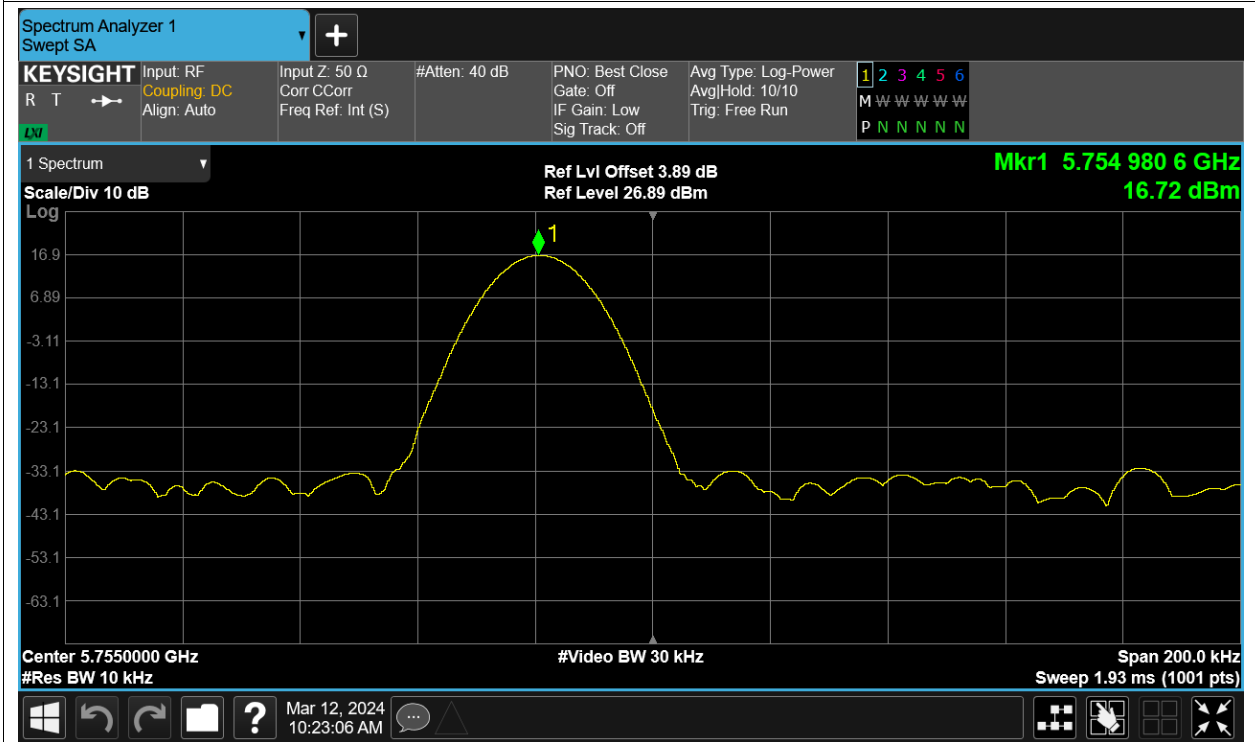
Freq. Stability NVNT ac80 5775MHz Ant4



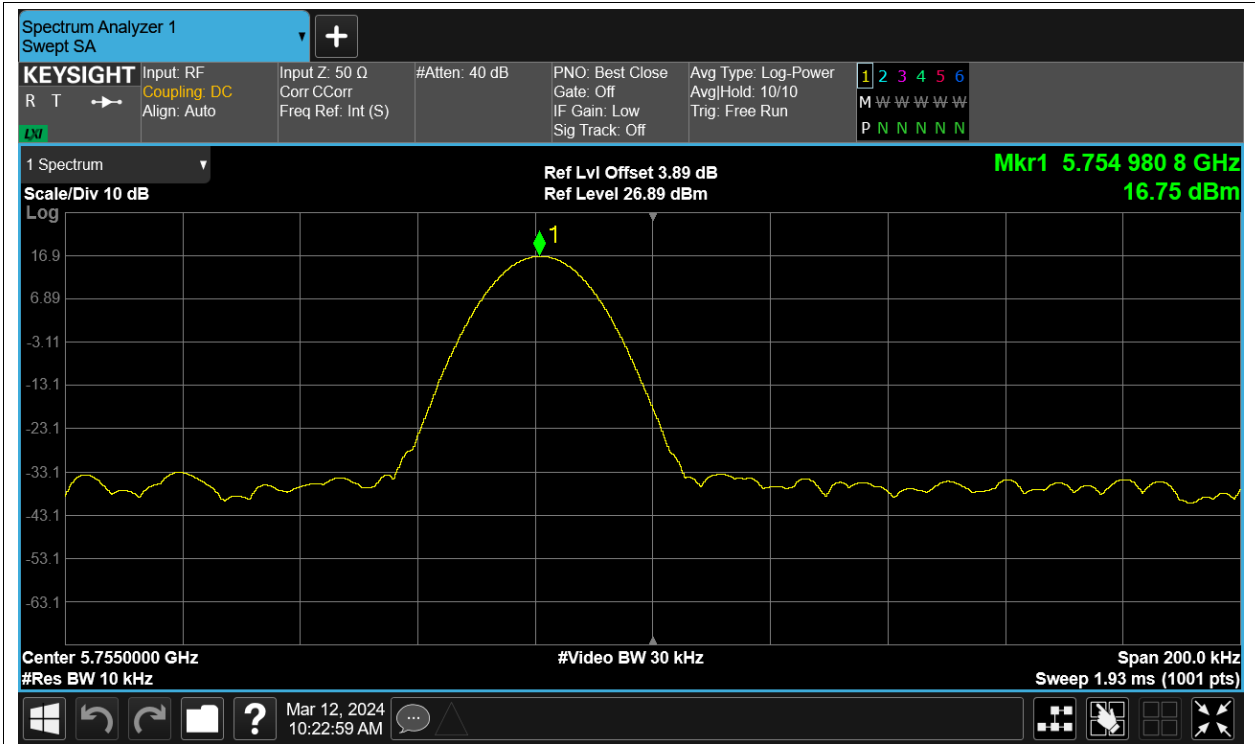
Freq. Stability HVNT n40 5755MHz Ant4



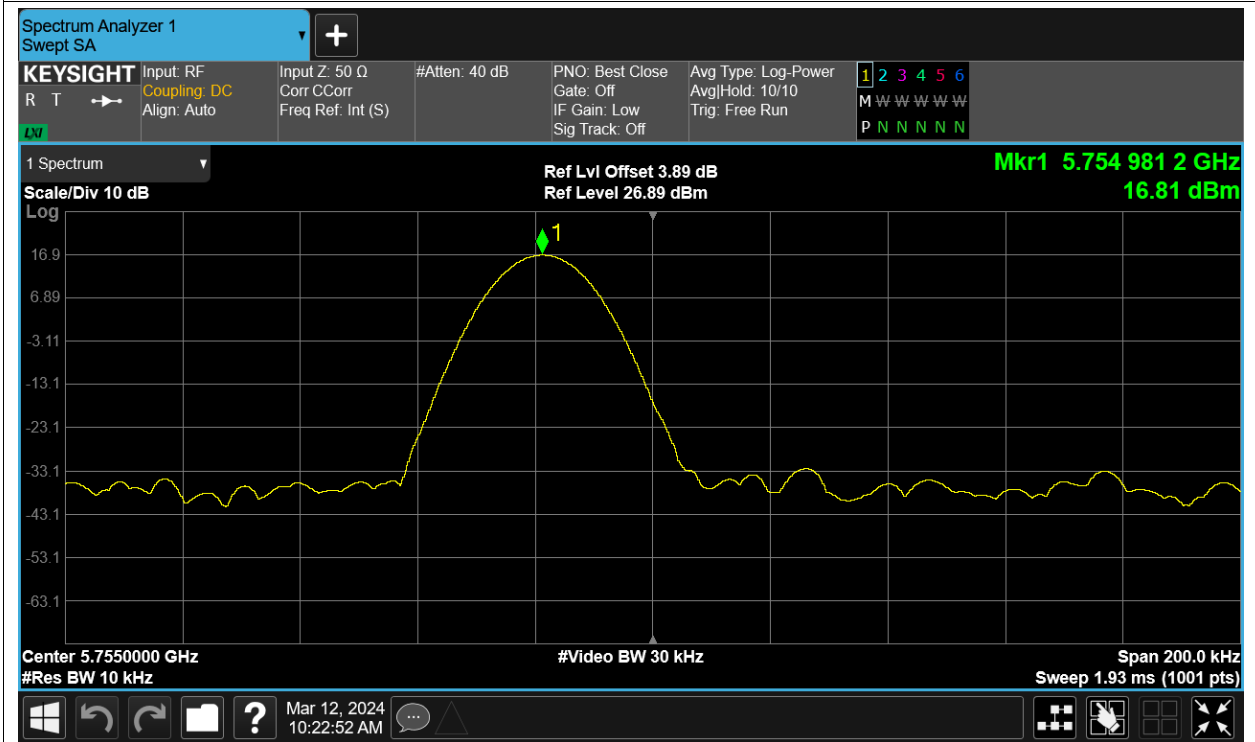
Freq. Stability LVNT n40 5755MHz Ant4



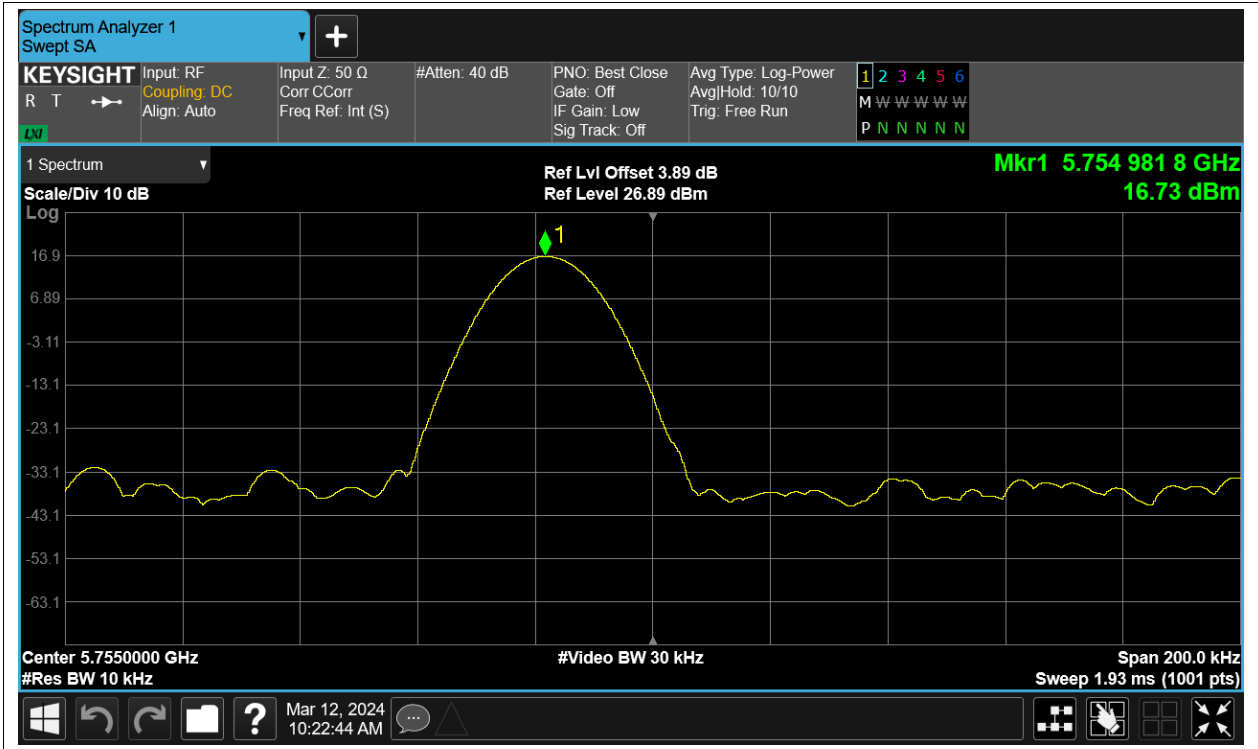
Freq. Stability NVHT n40 5755MHz Ant4



Freq. Stability NVLT n40 5755MHz Ant4



Freq. Stability NVNT n40 5755MHz Ant4

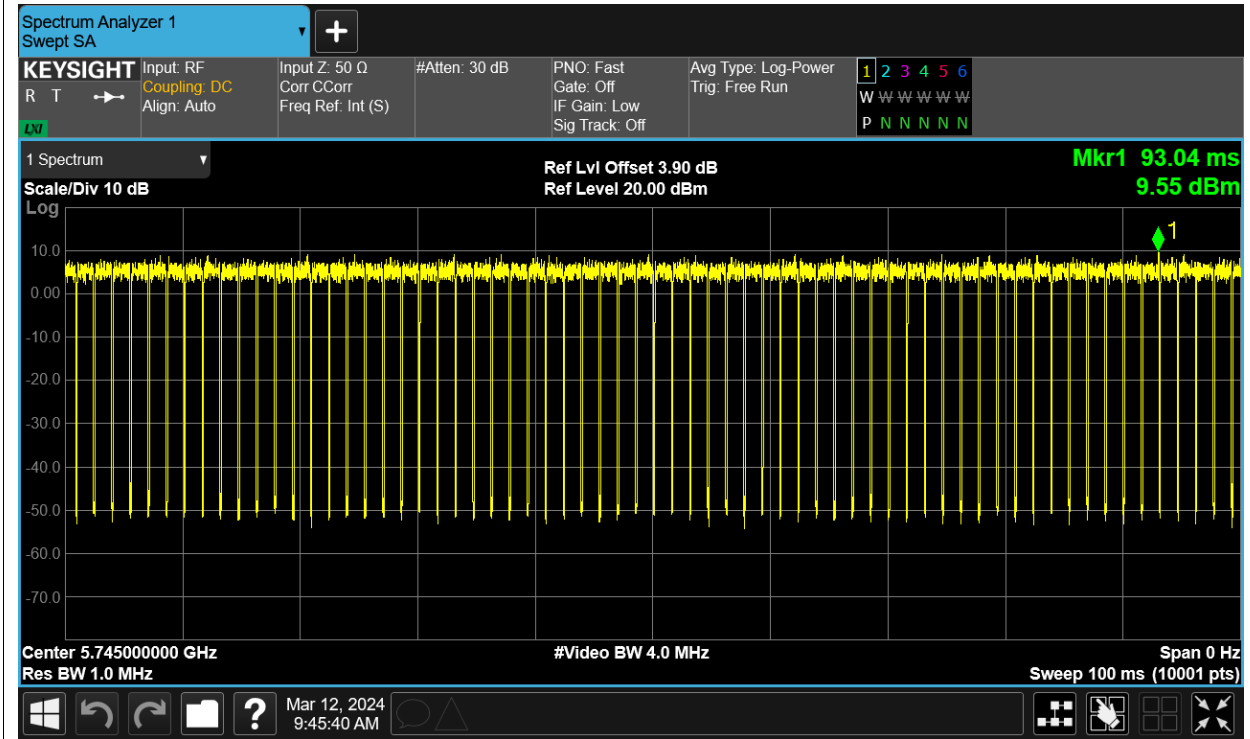


Duty Cycle

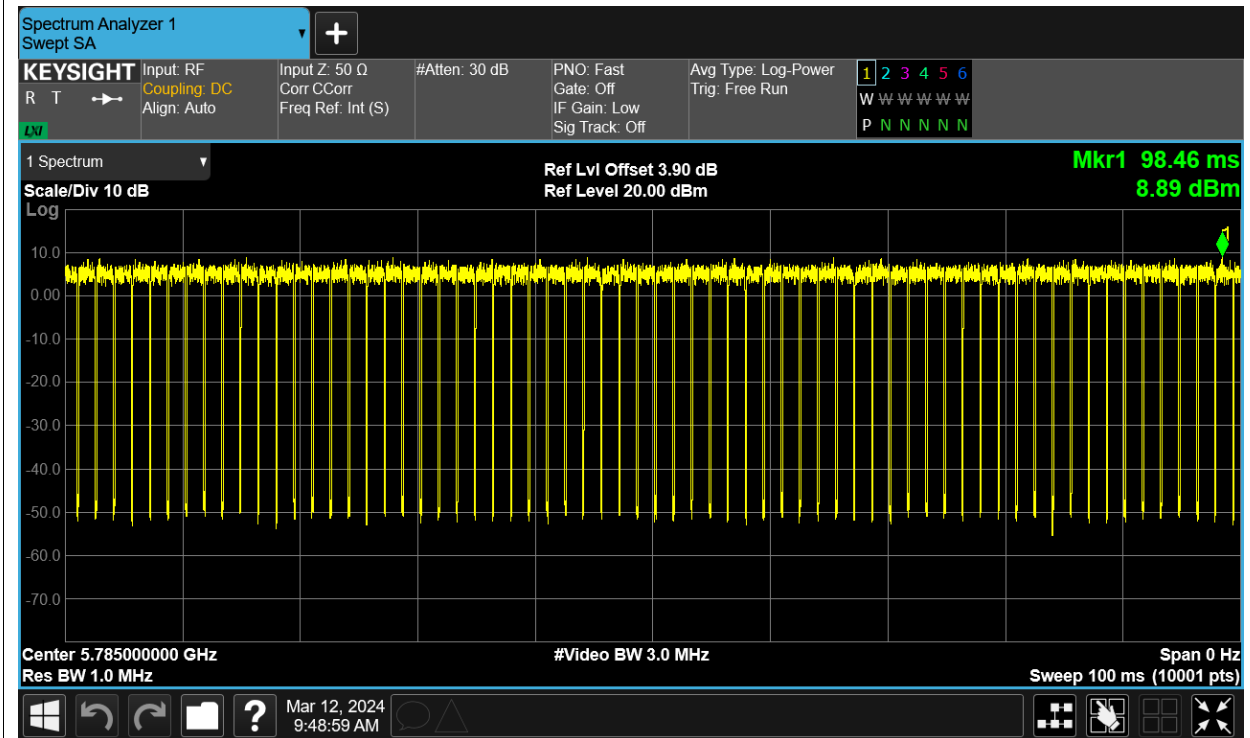
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant4	91.33	0.39
NVNT	a	5785	Ant4	91.39	0.39
NVNT	a	5825	Ant4	91.26	0.4
NVNT	ac20	5745	Ant4	89.73	0.47
NVNT	ac20	5785	Ant4	89.71	0.47
NVNT	ac20	5825	Ant4	89.7	0.47
NVNT	ac40	5755	Ant4	81.58	0.88
NVNT	ac40	5795	Ant4	81.35	0.9
NVNT	ac80	5775	Ant4	70	1.55
NVNT	n20	5745	Ant4	89.89	0.46
NVNT	n20	5785	Ant4	89.72	0.47
NVNT	n20	5825	Ant4	89.83	0.47
NVNT	n40	5755	Ant4	81.6	0.88
NVNT	n40	5795	Ant4	81.6	0.88

Test Graphs

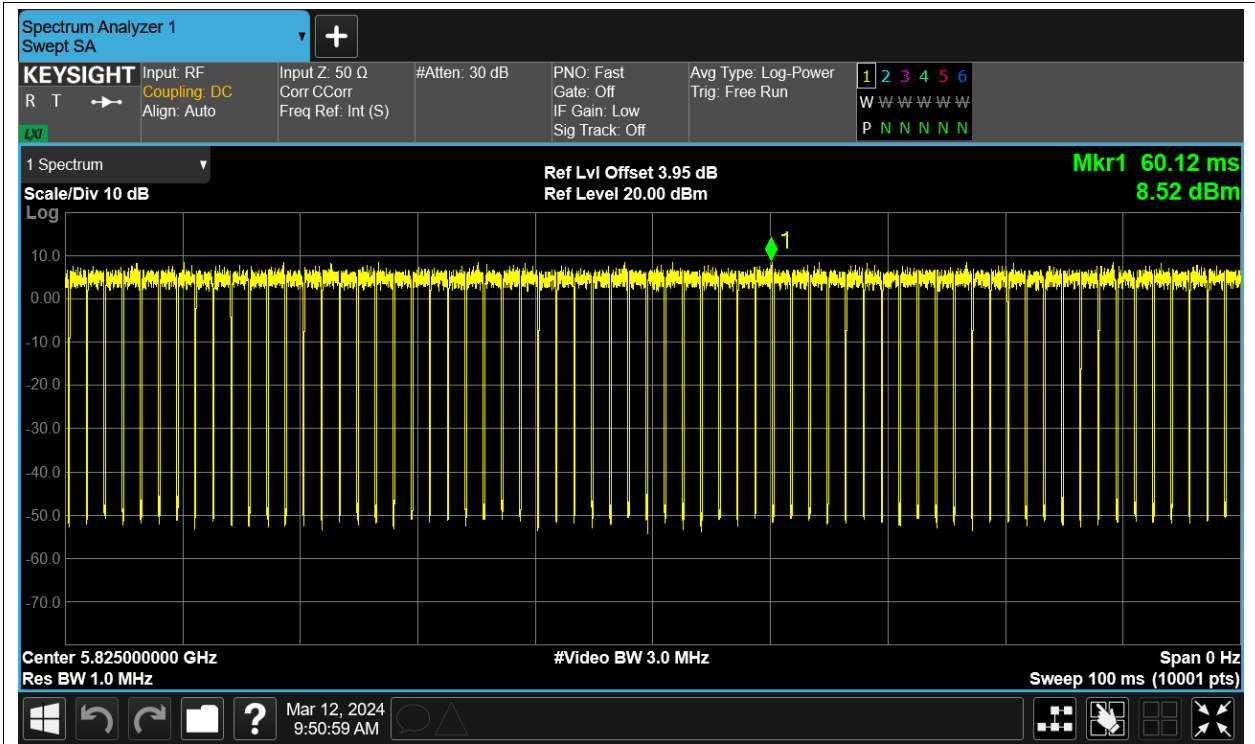
Duty Cycle NVNT a 5745MHz Ant4



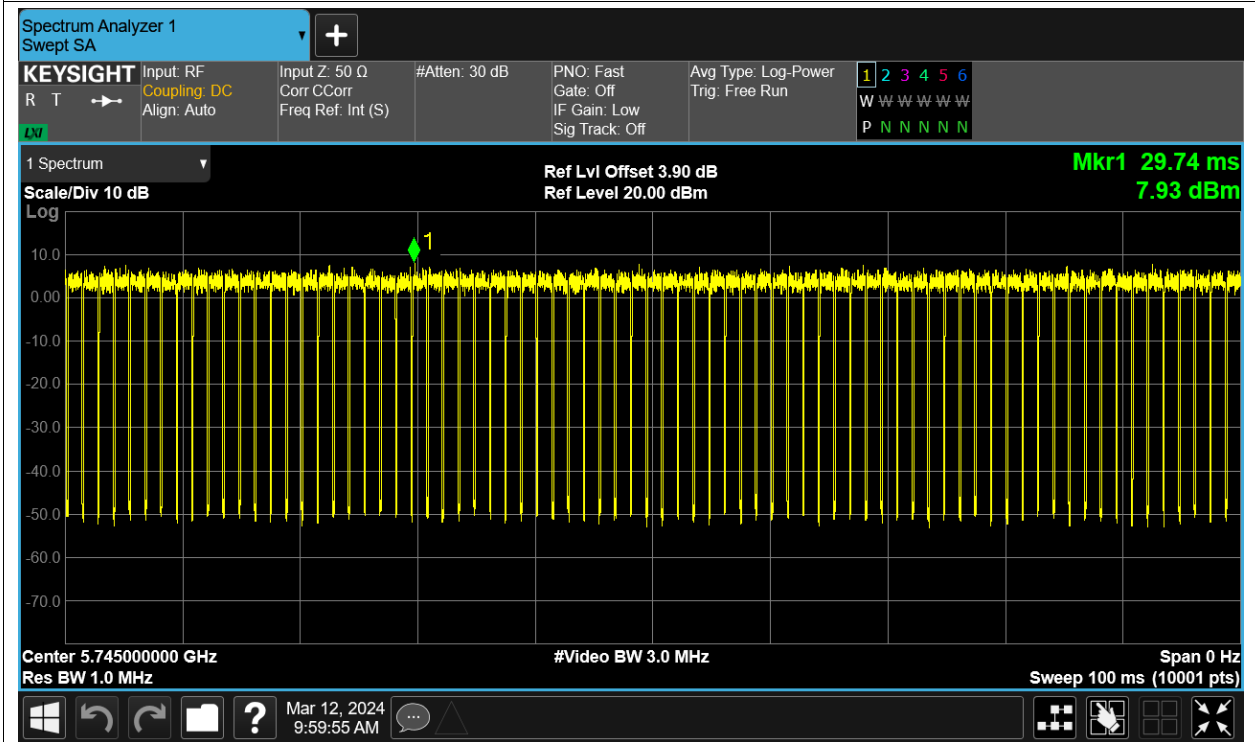
Duty Cycle NVNT a 5785MHz Ant4



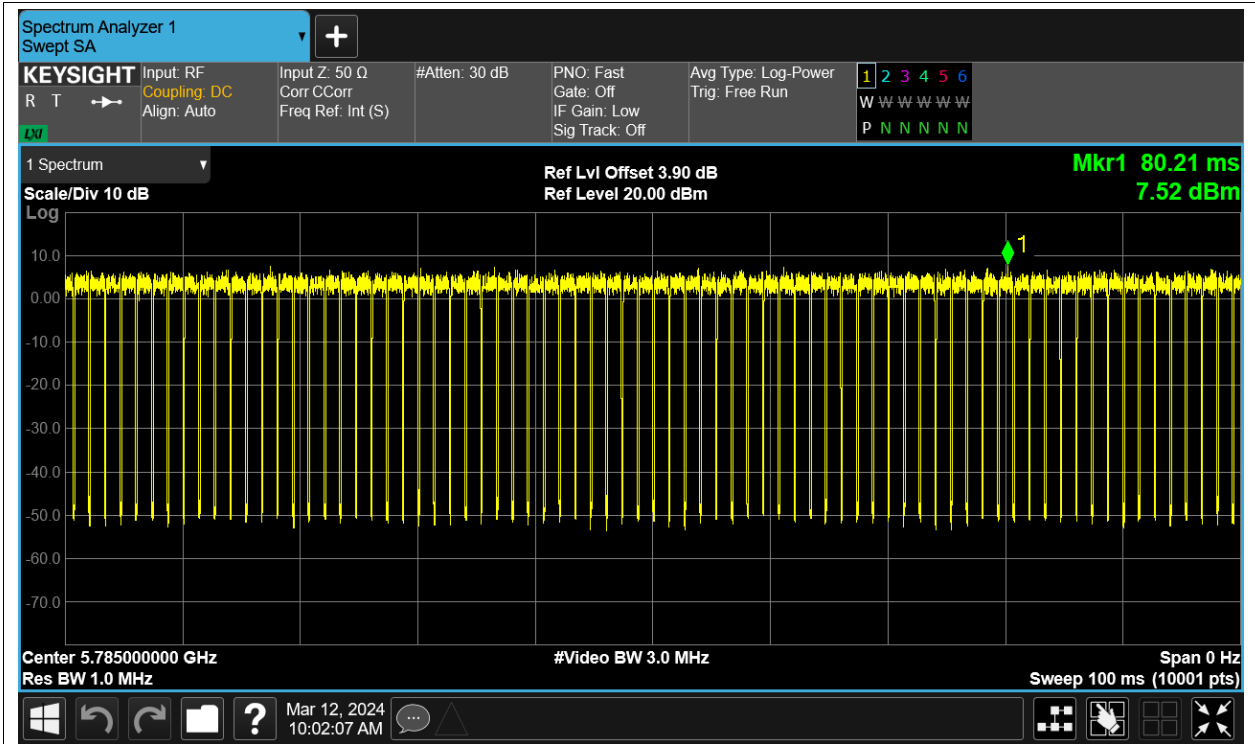
Duty Cycle NVNT a 5825MHz Ant4



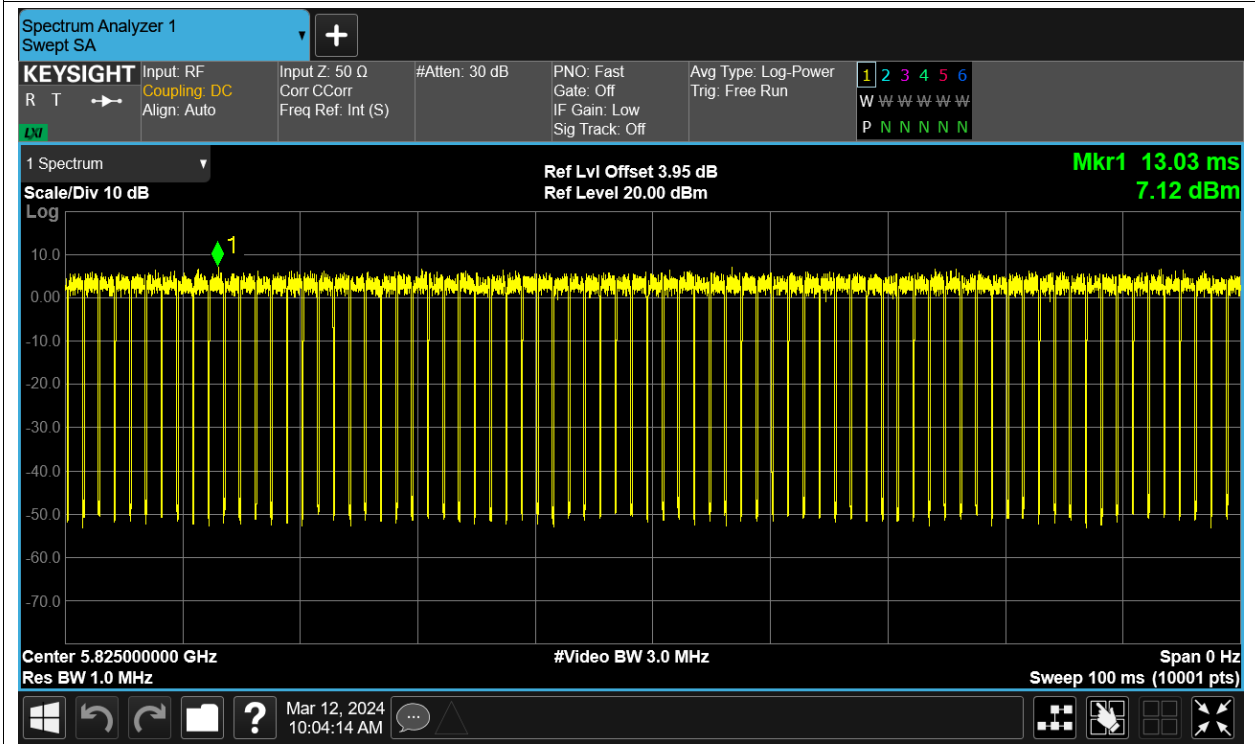
Duty Cycle NVNT ac20 5745MHz Ant4



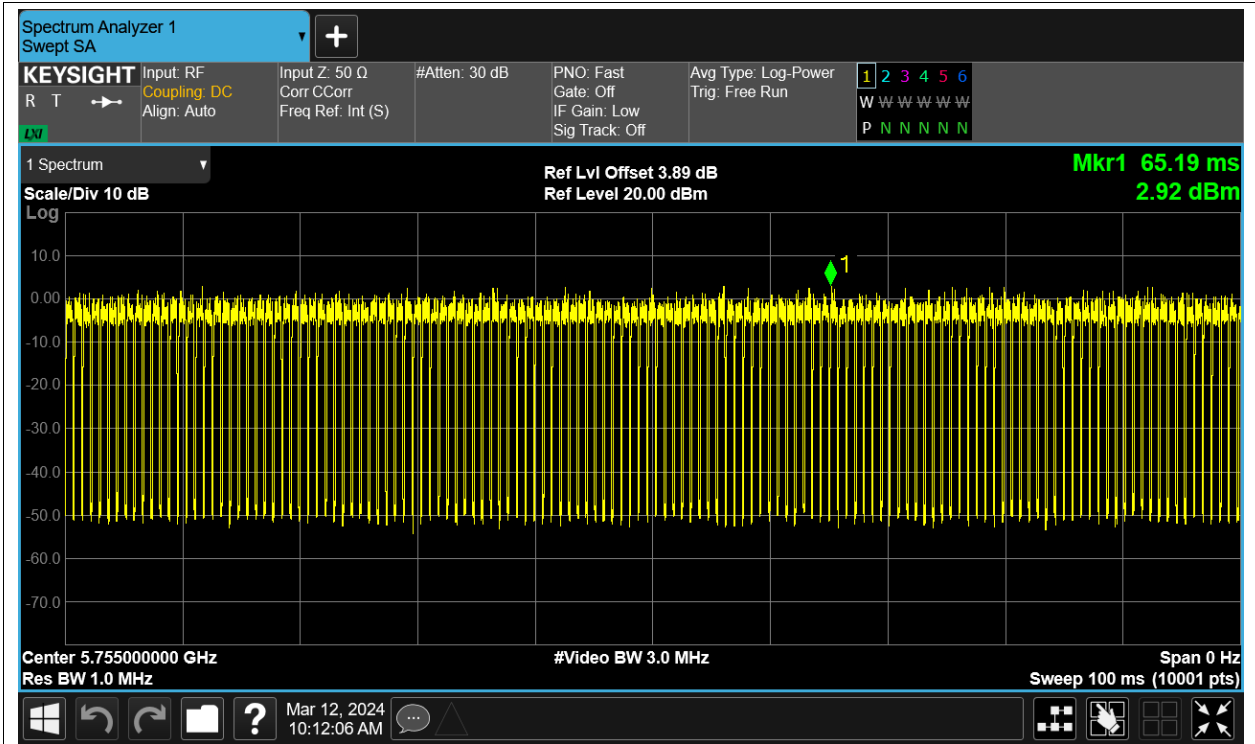
Duty Cycle NVNT ac20 5785MHz Ant4



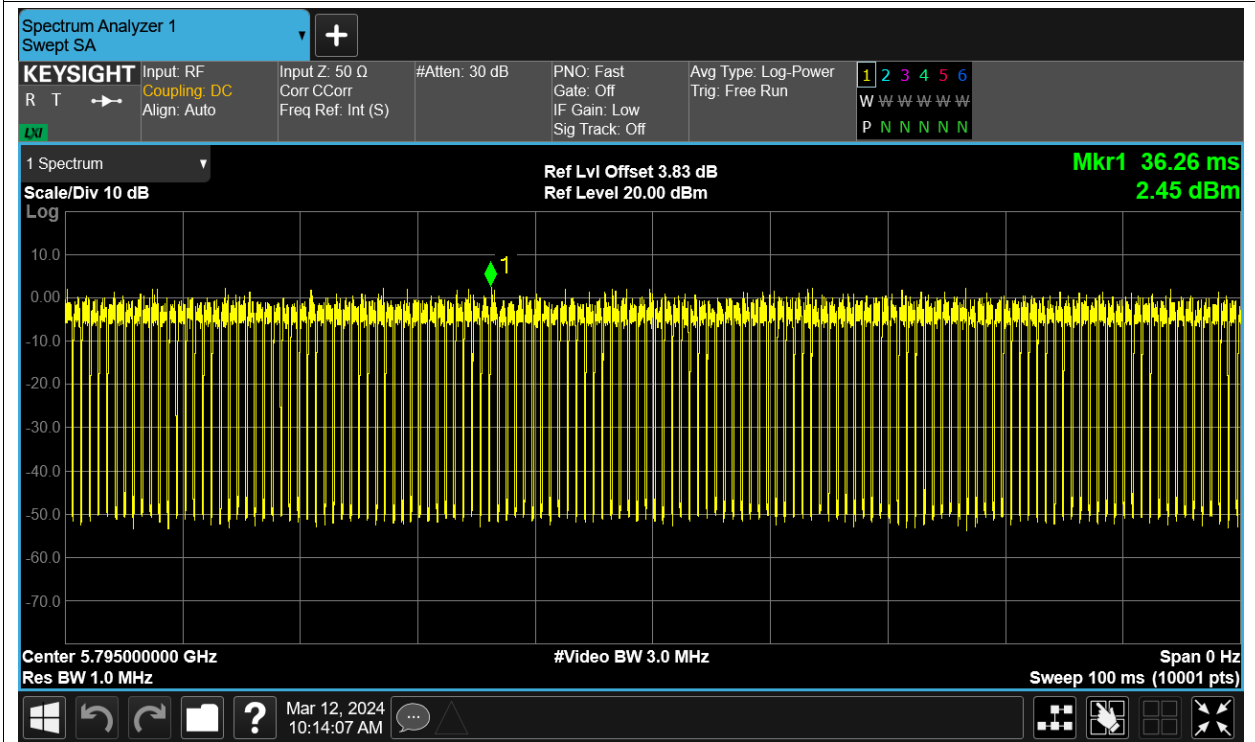
Duty Cycle NVNT ac20 5825MHz Ant4



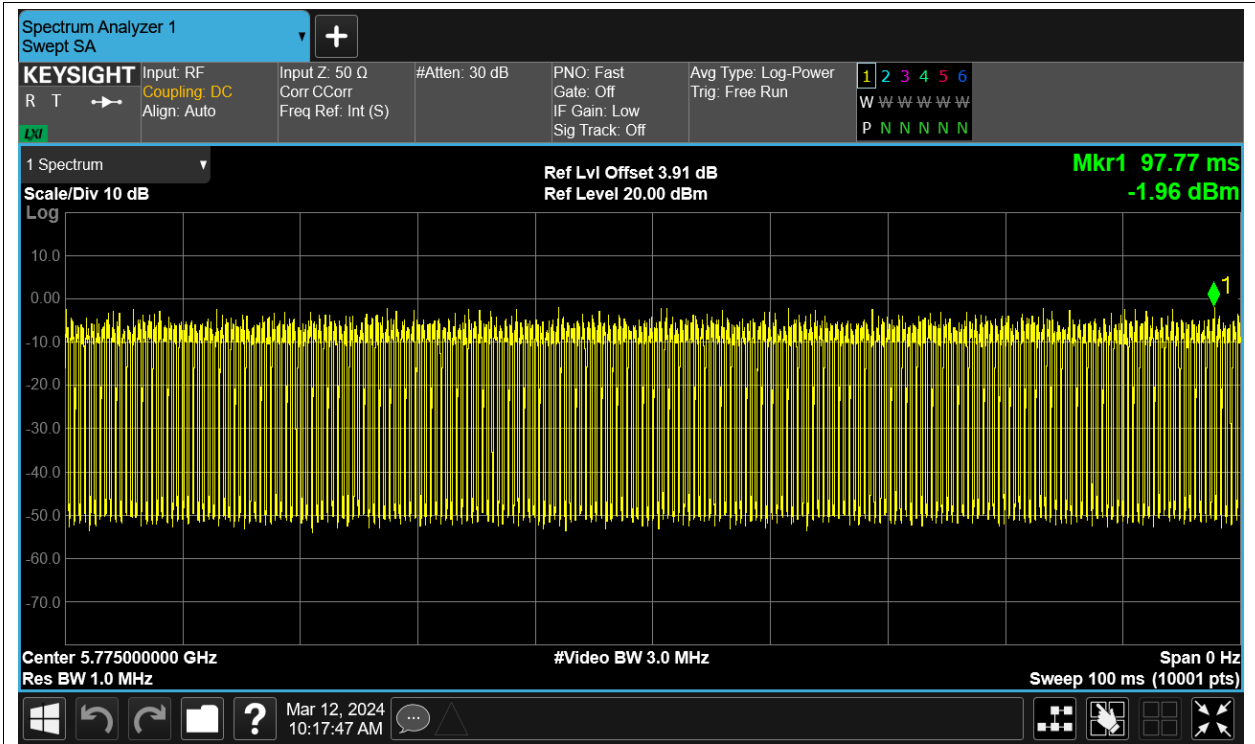
Duty Cycle NVNT ac40 5755MHz Ant4



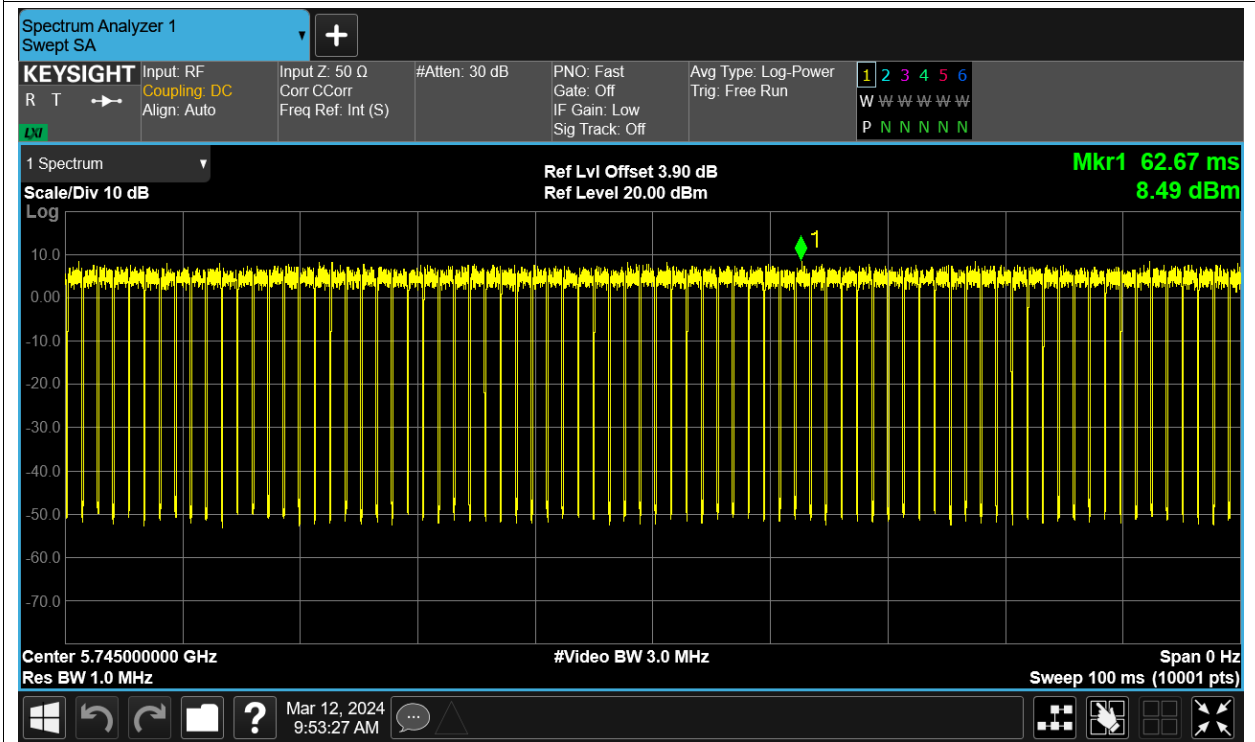
Duty Cycle NVNT ac40 5795MHz Ant4



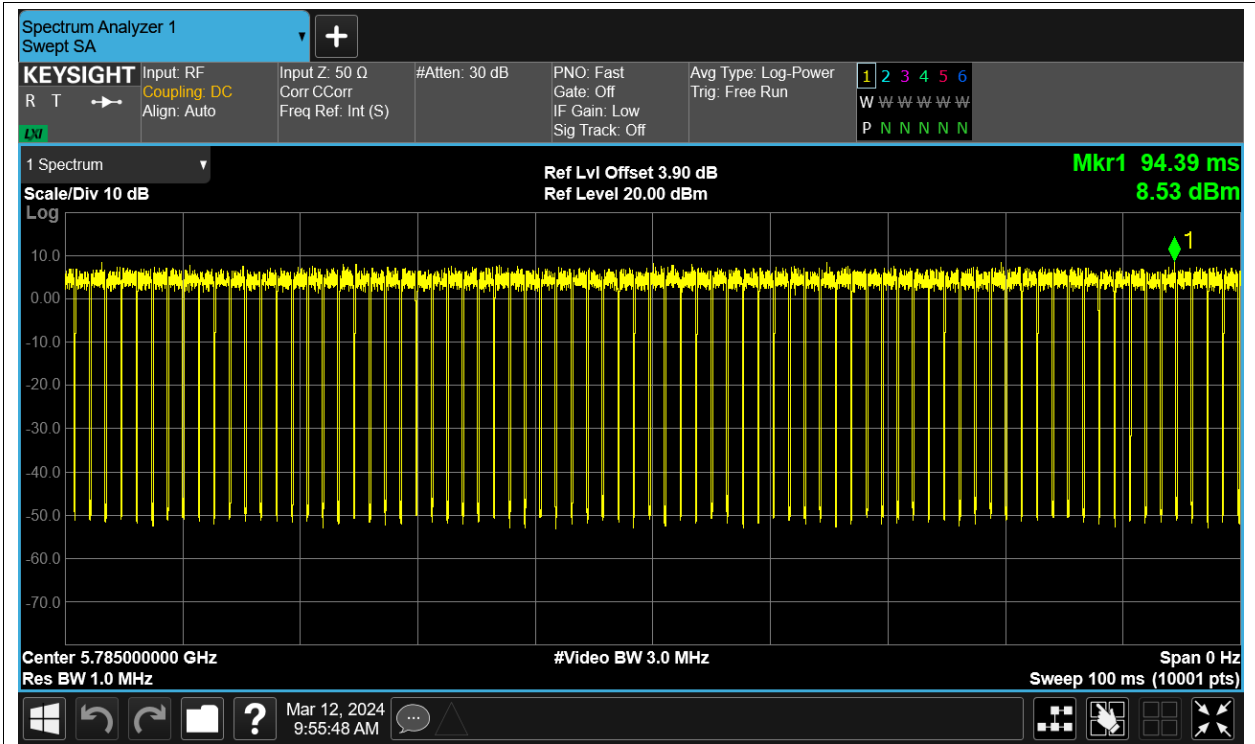
Duty Cycle NVNT ac80 5775MHz Ant4



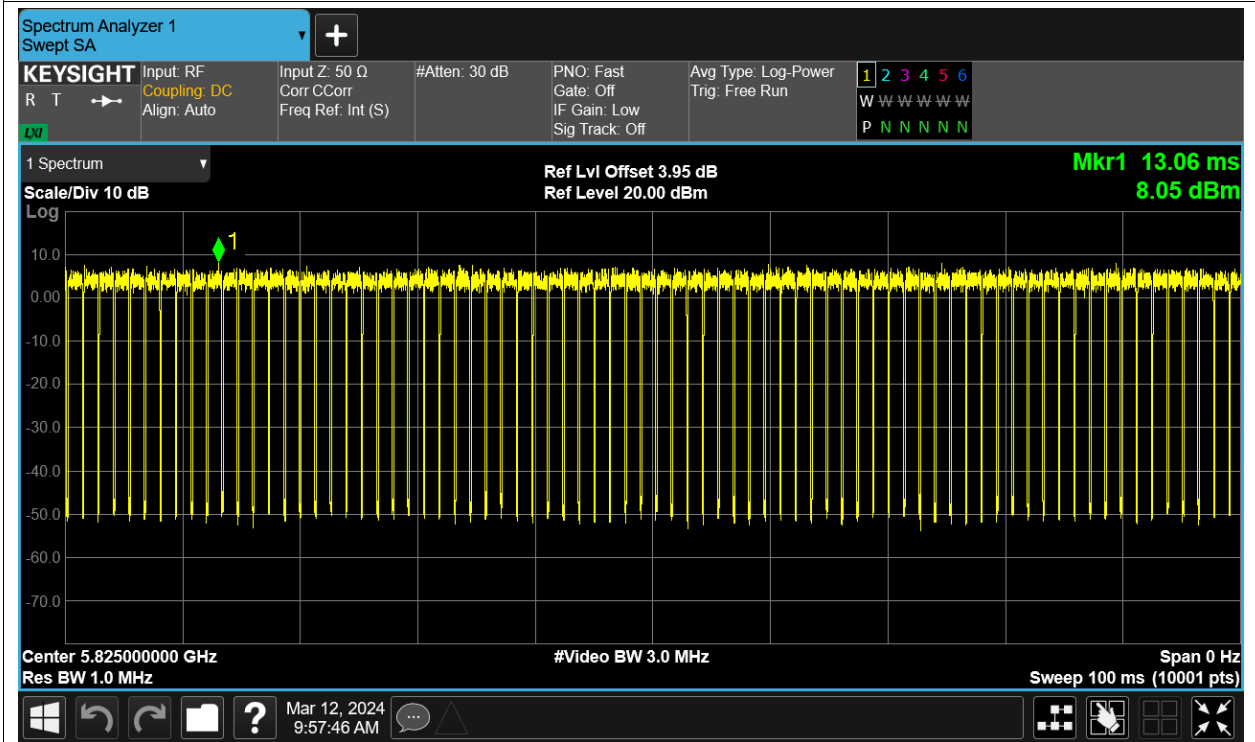
Duty Cycle NVNT n20 5745MHz Ant4



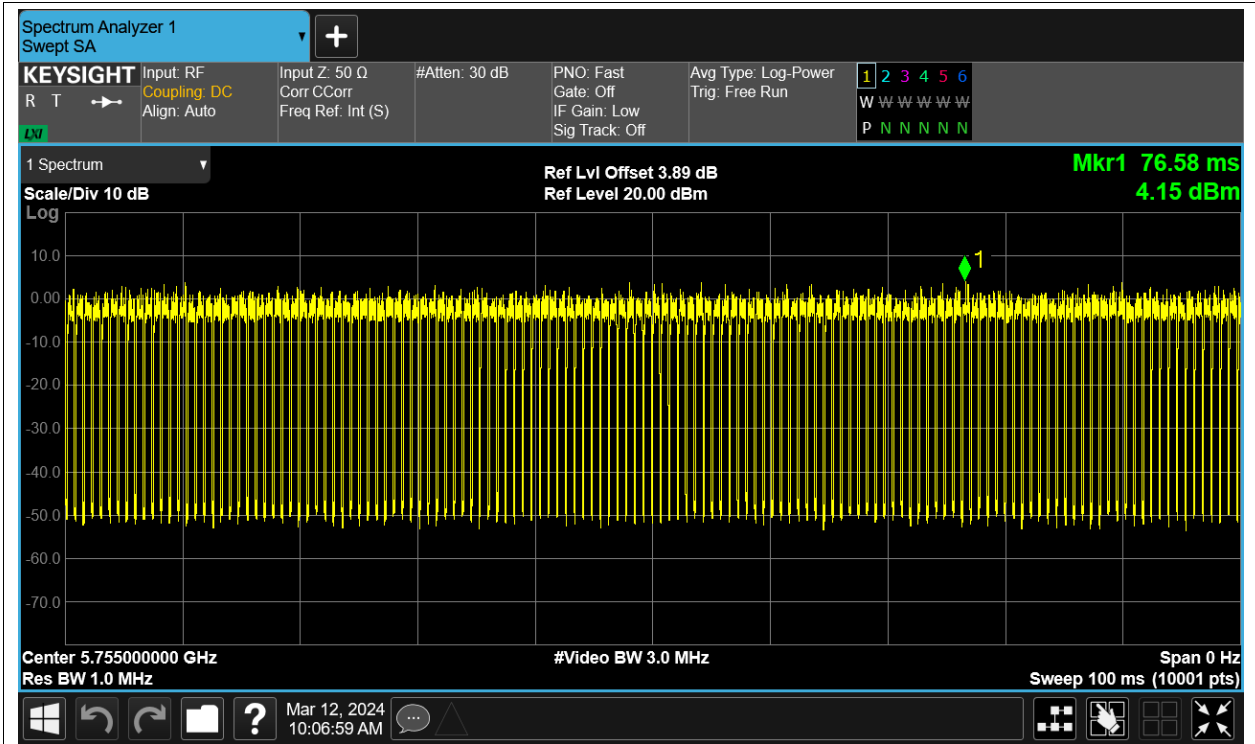
Duty Cycle NVNT n20 5785MHz Ant4



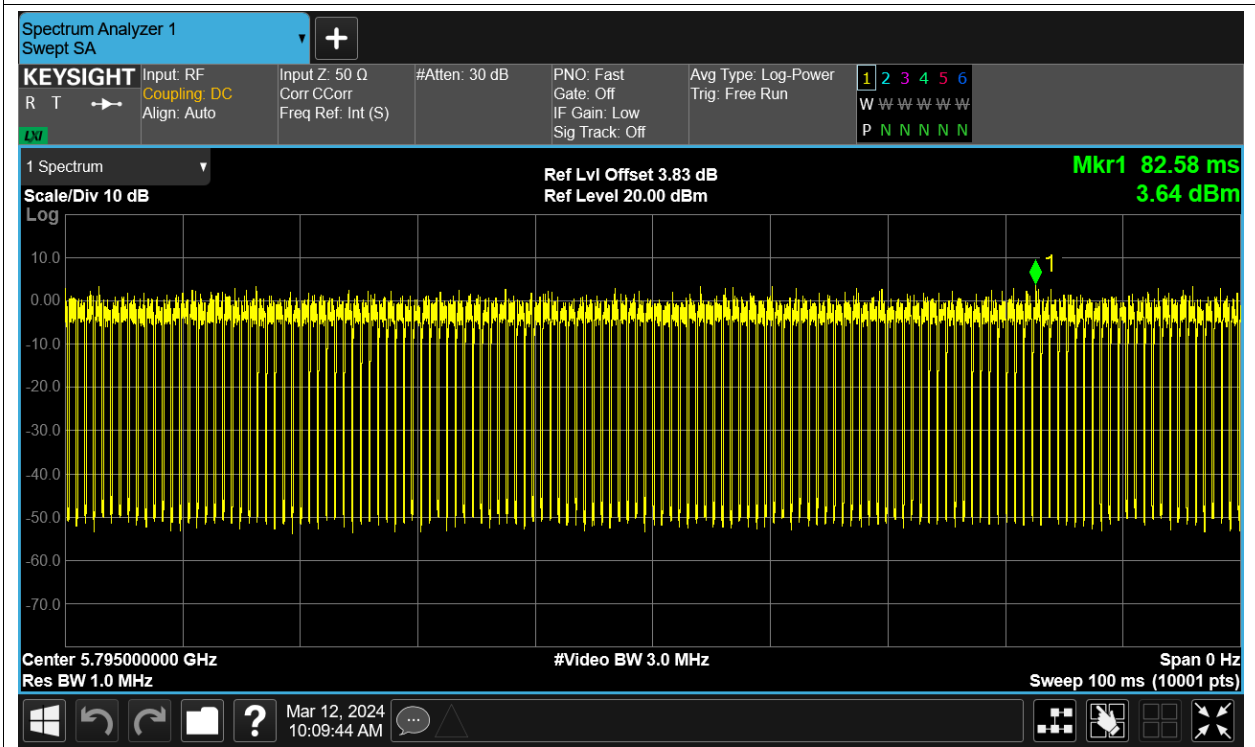
Duty Cycle NVNT n20 5825MHz Ant4



Duty Cycle NVNT n40 5755MHz Ant4



Duty Cycle NVNT n40 5795MHz Ant4



Maximum Conducted Output Power

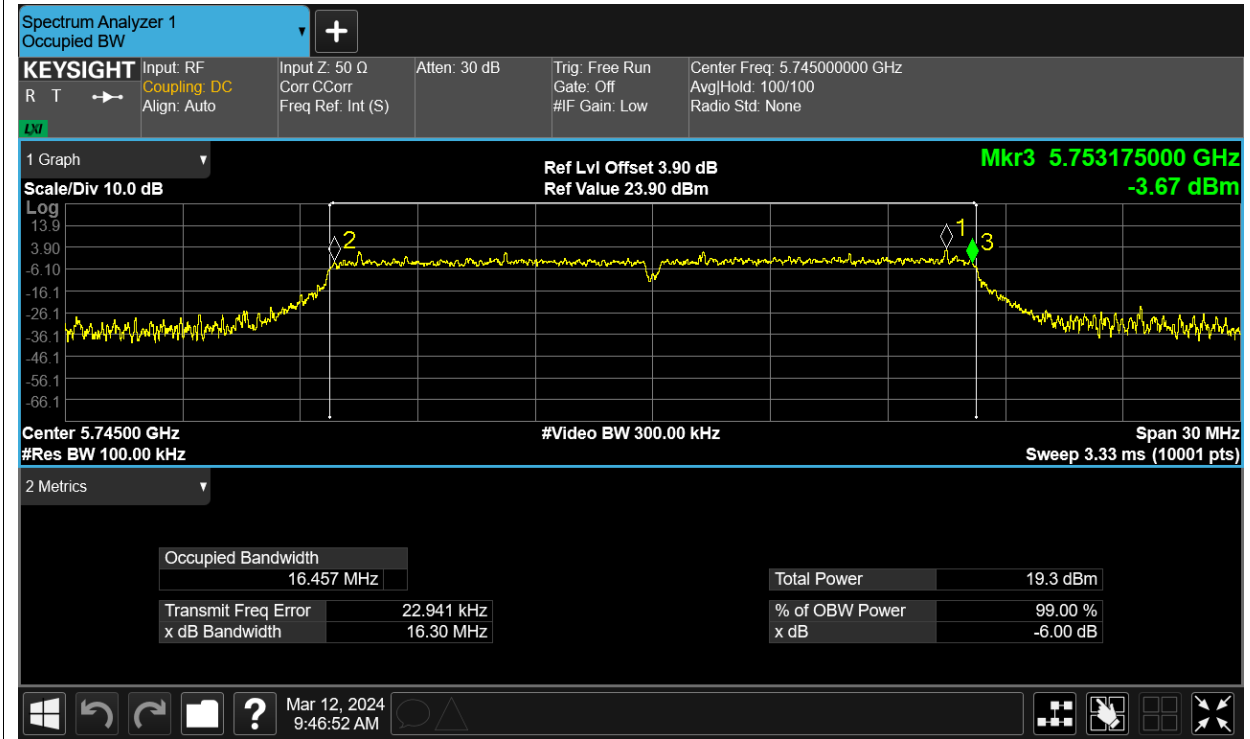
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant4	14.01	0.39	14.4	30	Pass
NVNT	a	5785	Ant4	14.59	0.39	14.98	30	Pass
NVNT	a	5825	Ant4	14.1	0.4	14.5	30	Pass
NVNT	ac20	5745	Ant4	12.43	0.47	12.9	30	Pass
NVNT	ac20	5785	Ant4	12.89	0.47	13.36	30	Pass
NVNT	ac20	5825	Ant4	12.31	0.47	12.78	30	Pass
NVNT	ac40	5755	Ant4	11.98	0.88	12.86	30	Pass
NVNT	ac40	5795	Ant4	12.14	0.9	13.04	30	Pass
NVNT	ac80	5775	Ant4	10.77	1.55	12.32	30	Pass
NVNT	n20	5745	Ant4	13.37	0.46	13.83	30	Pass
NVNT	n20	5785	Ant4	13.71	0.47	14.18	30	Pass
NVNT	n20	5825	Ant4	13.2	0.47	13.67	30	Pass
NVNT	n40	5755	Ant4	12.87	0.88	13.75	30	Pass
NVNT	n40	5795	Ant4	13.04	0.88	13.92	30	Pass

-6dB Bandwidth

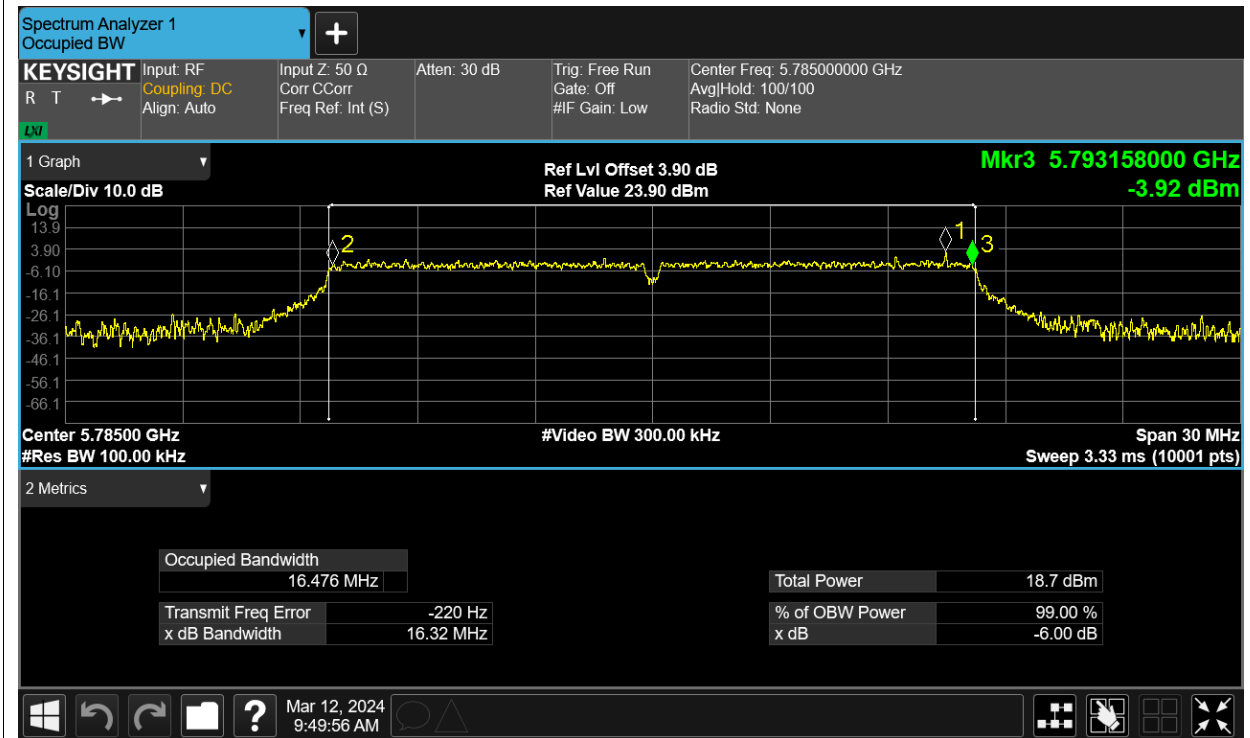
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	a	5745	Ant4	16.305	0.5	Pass
NVNT	a	5785	Ant4	16.317	0.5	Pass
NVNT	a	5825	Ant4	16.348	0.5	Pass
NVNT	ac20	5745	Ant4	17.545	0.5	Pass
NVNT	ac20	5785	Ant4	17.378	0.5	Pass
NVNT	ac20	5825	Ant4	17.11	0.5	Pass
NVNT	ac40	5755	Ant4	35.921	0.5	Pass
NVNT	ac40	5795	Ant4	35.953	0.5	Pass
NVNT	ac80	5775	Ant4	75.486	0.5	Pass
NVNT	n20	5745	Ant4	17.276	0.5	Pass
NVNT	n20	5785	Ant4	17.396	0.5	Pass
NVNT	n20	5825	Ant4	17.244	0.5	Pass
NVNT	n40	5755	Ant4	36.247	0.5	Pass
NVNT	n40	5795	Ant4	36.01	0.5	Pass

Test Graphs

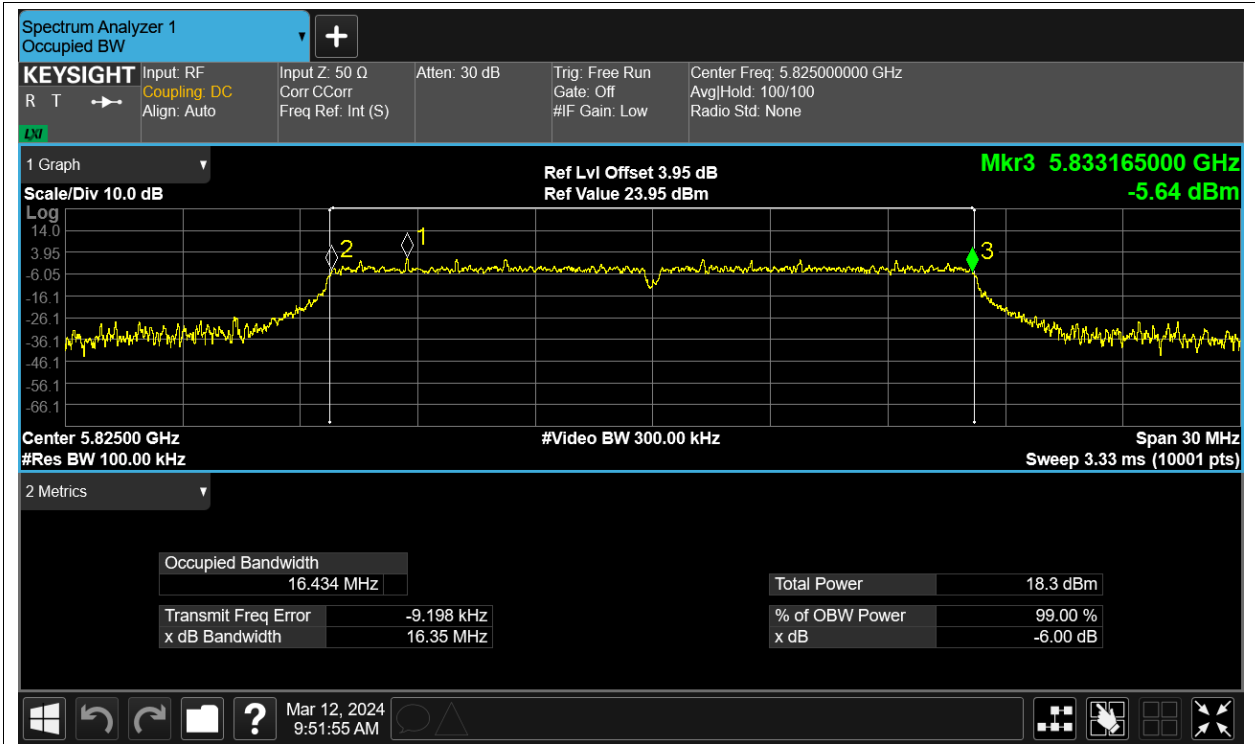
-6dB Bandwidth NVNT a 5745MHz Ant4



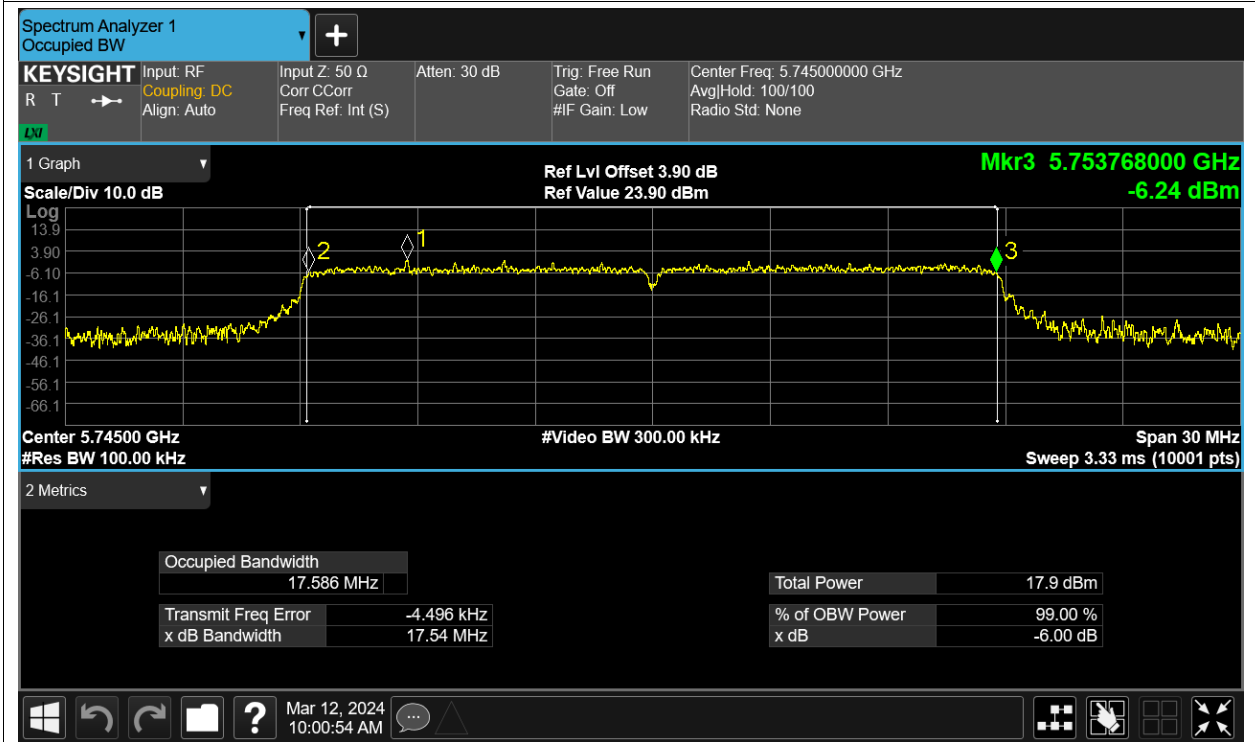
-6dB Bandwidth NVNT a 5785MHz Ant4



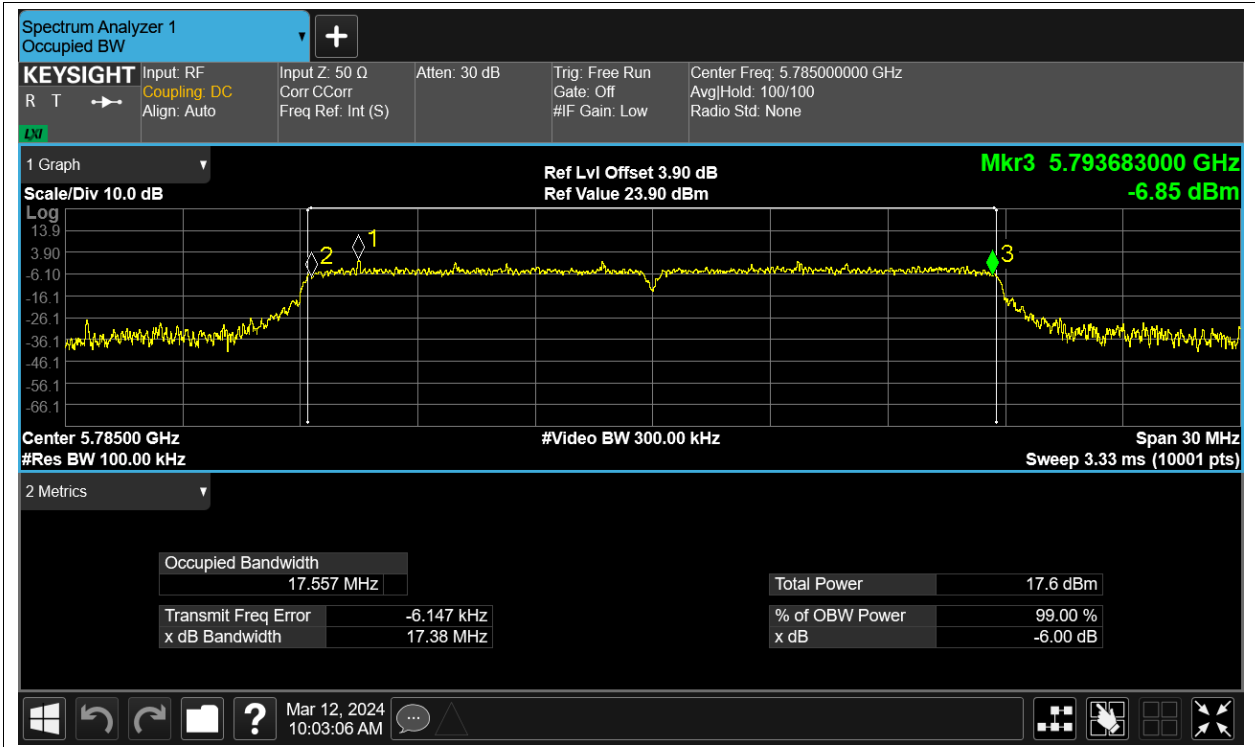
-6dB Bandwidth NVNT a 5825MHz Ant4



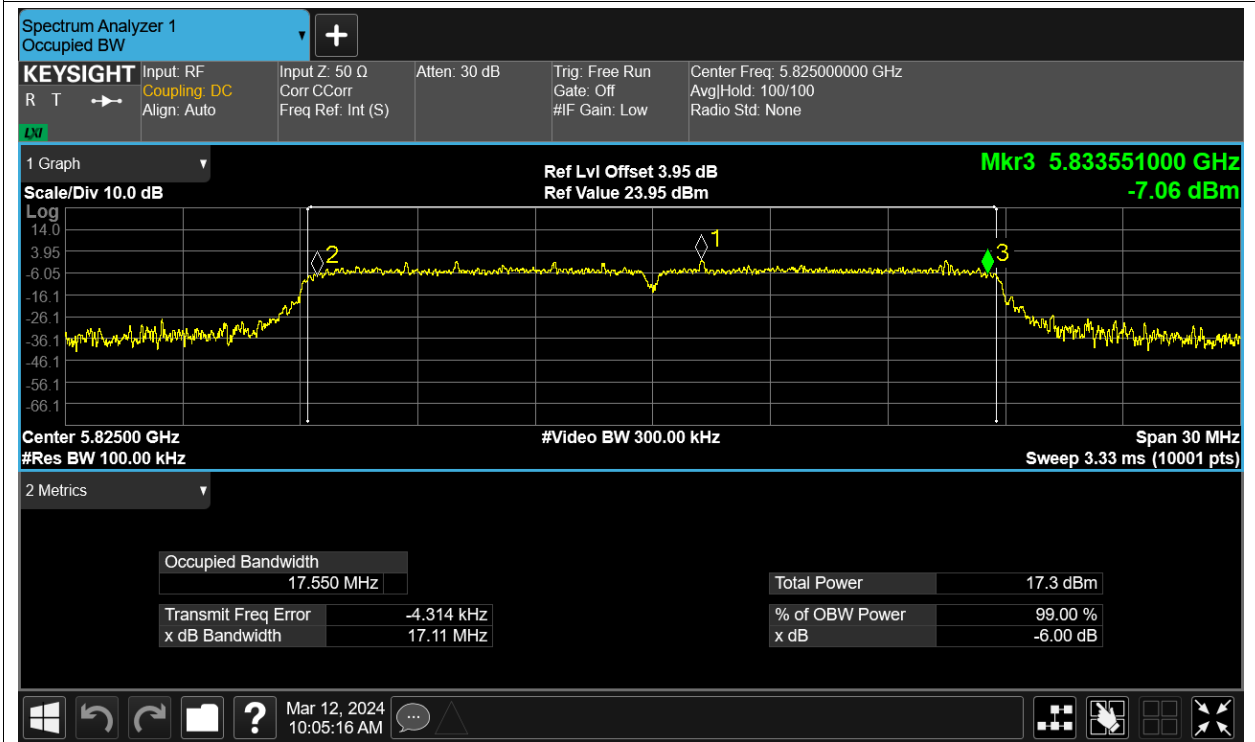
-6dB Bandwidth NVNT ac20 5745MHz Ant4



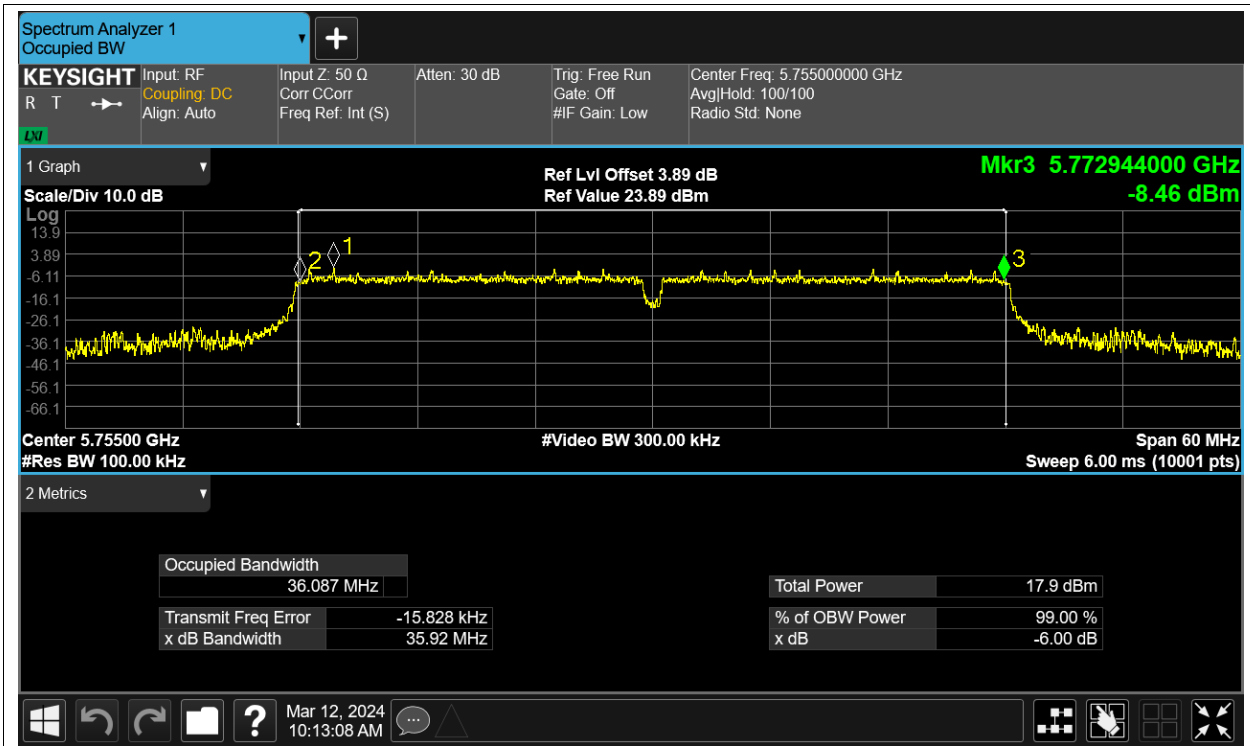
-6dB Bandwidth NVNT ac20 5785MHz Ant4



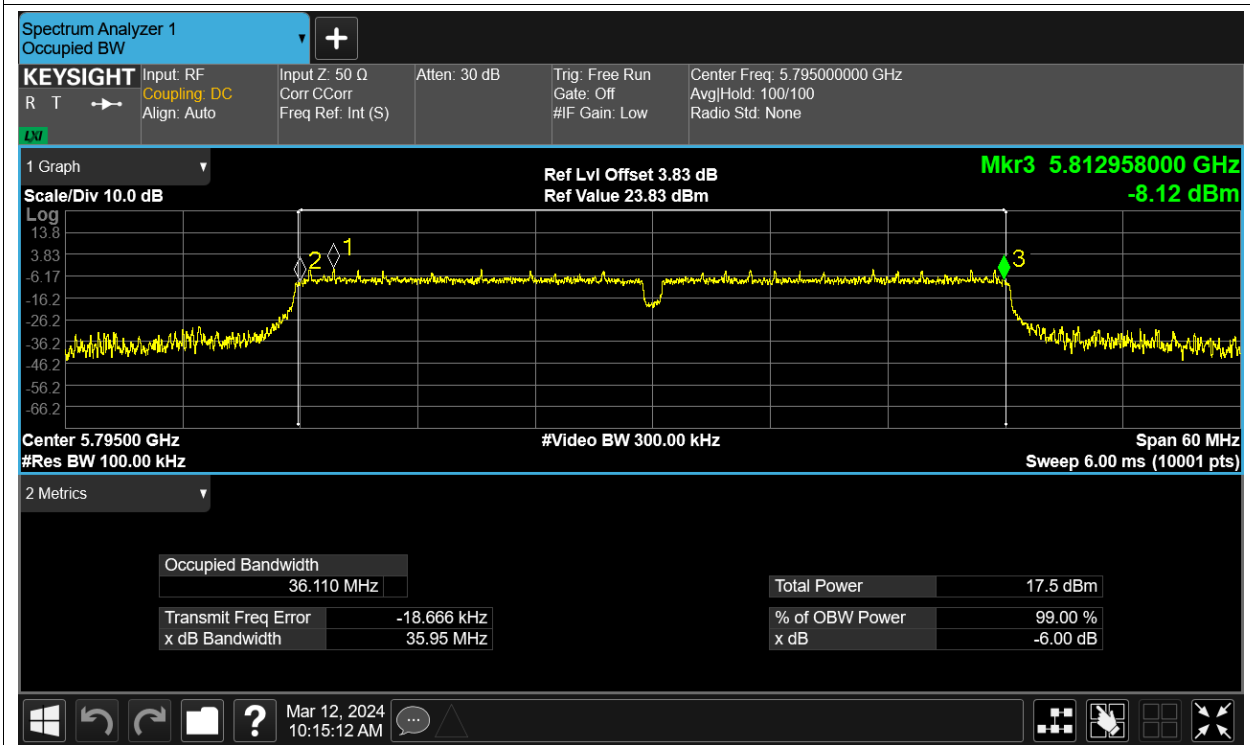
-6dB Bandwidth NVNT ac20 5825MHz Ant4



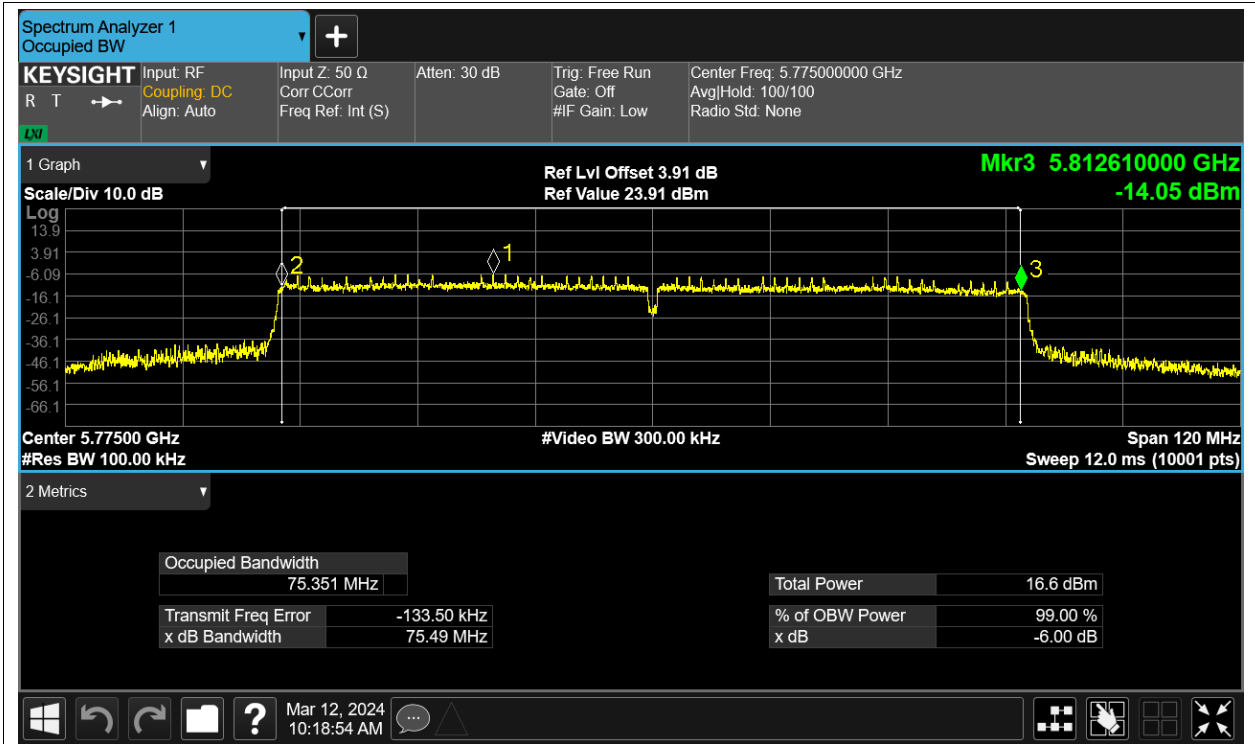
-6dB Bandwidth NVNT ac40 5755MHz Ant4



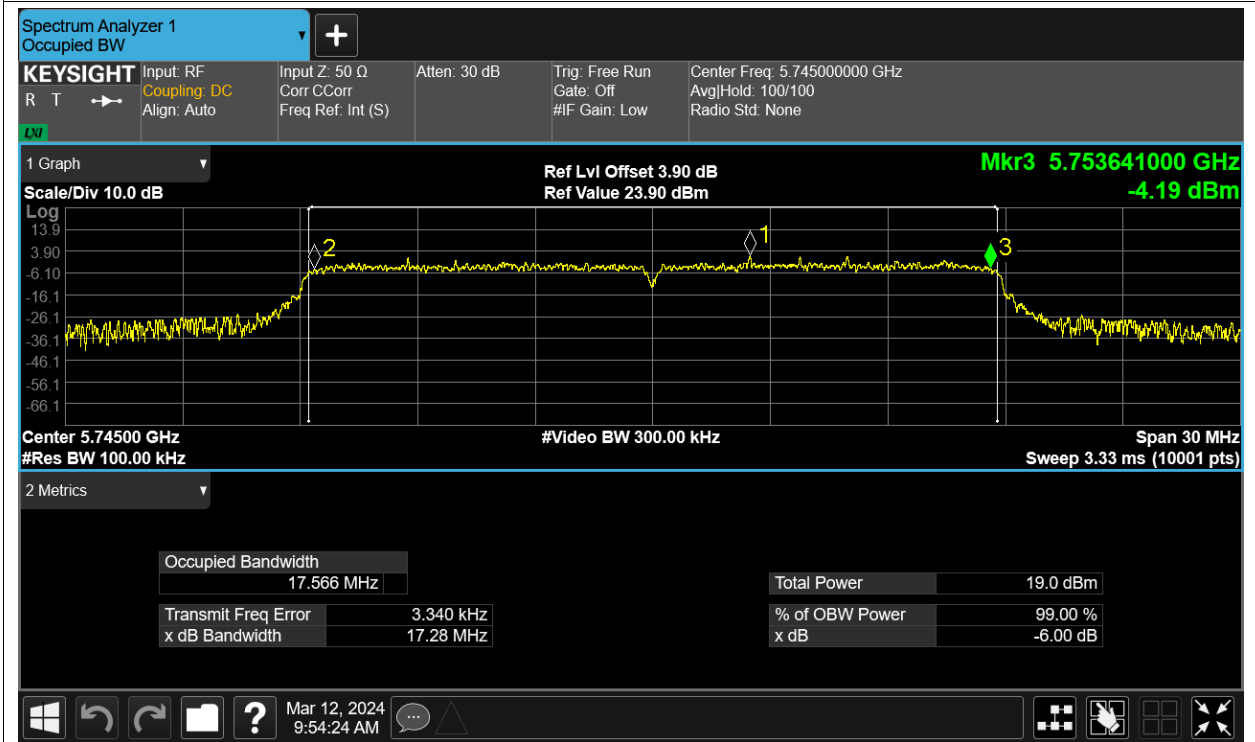
-6dB Bandwidth NVNT ac40 5795MHz Ant4



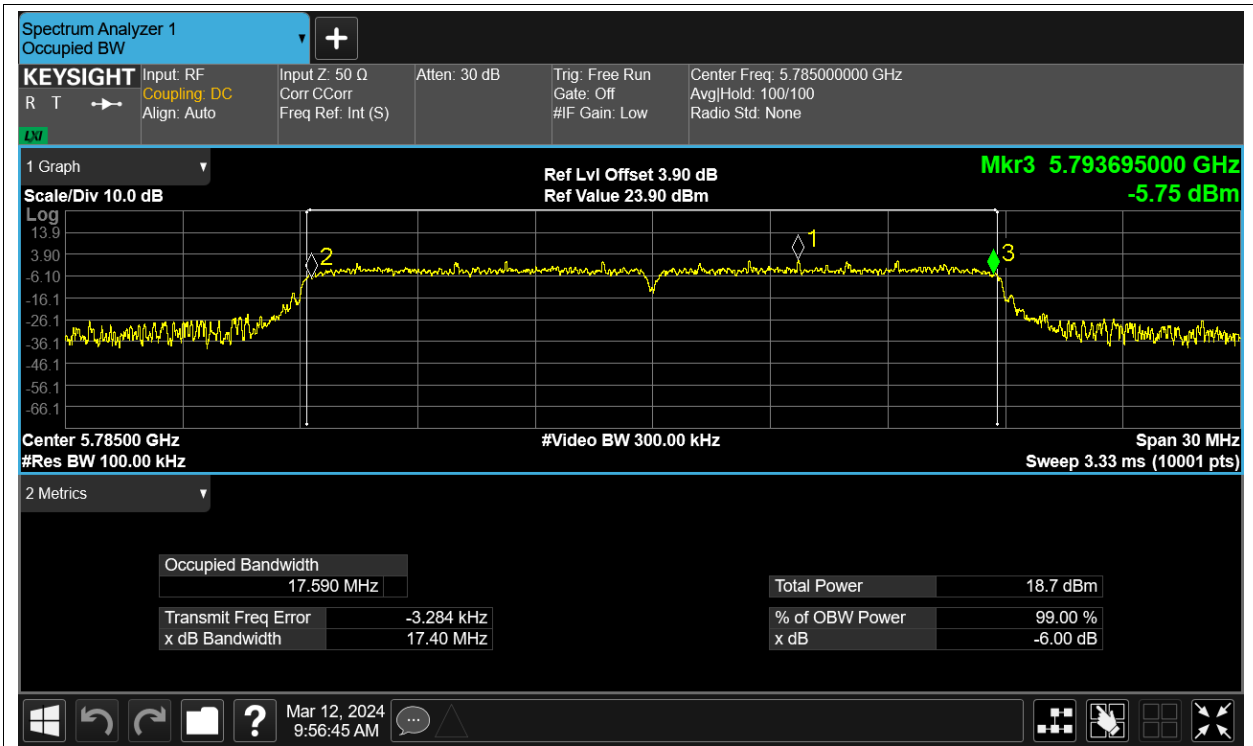
-6dB Bandwidth NVNT ac80 5775MHz Ant4



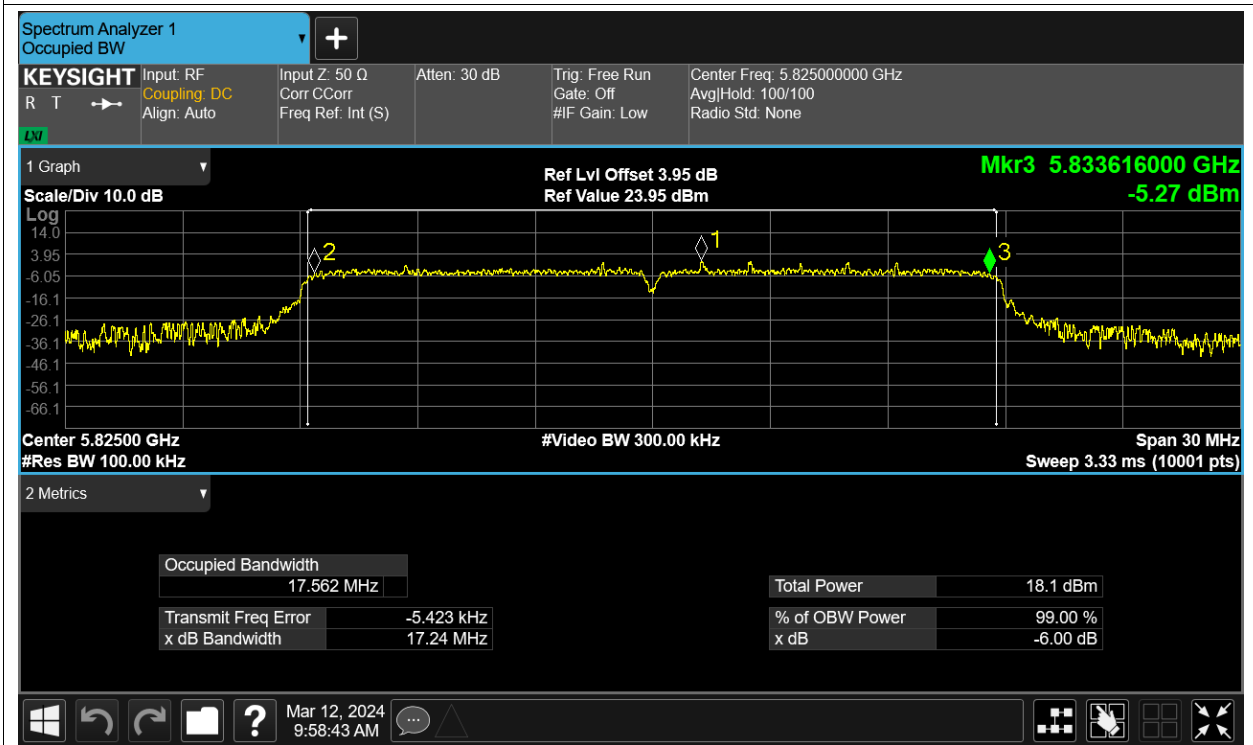
-6dB Bandwidth NVNT n20 5745MHz Ant4



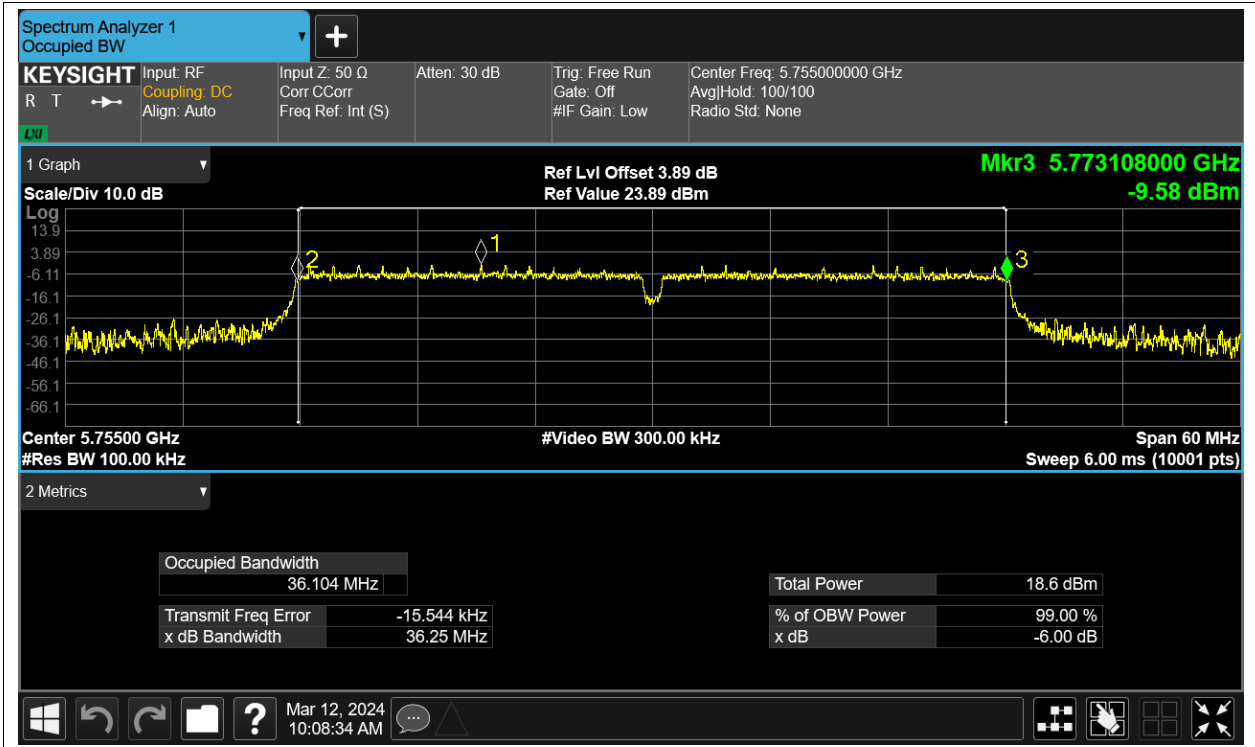
-6dB Bandwidth NVNT n20 5785MHz Ant4



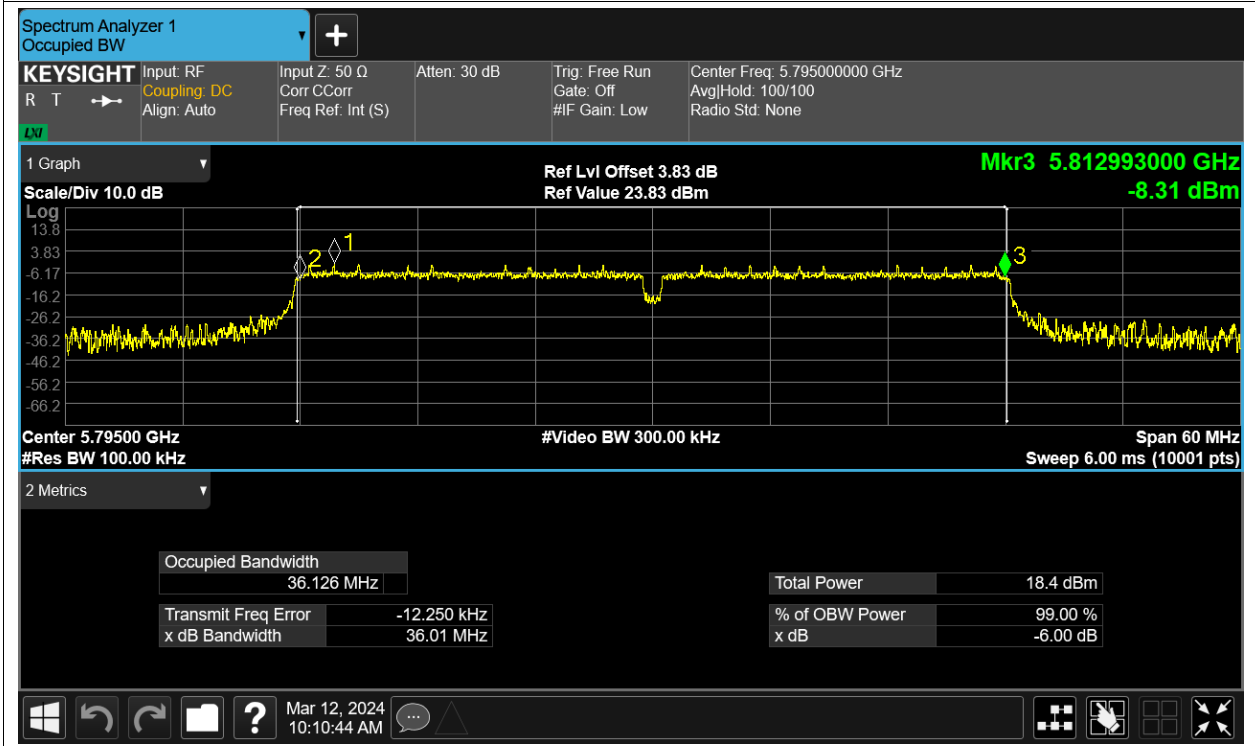
-6dB Bandwidth NVNT n20 5825MHz Ant4



-6dB Bandwidth NVNT n40 5755MHz Ant4



-6dB Bandwidth NVNT n40 5795MHz Ant4

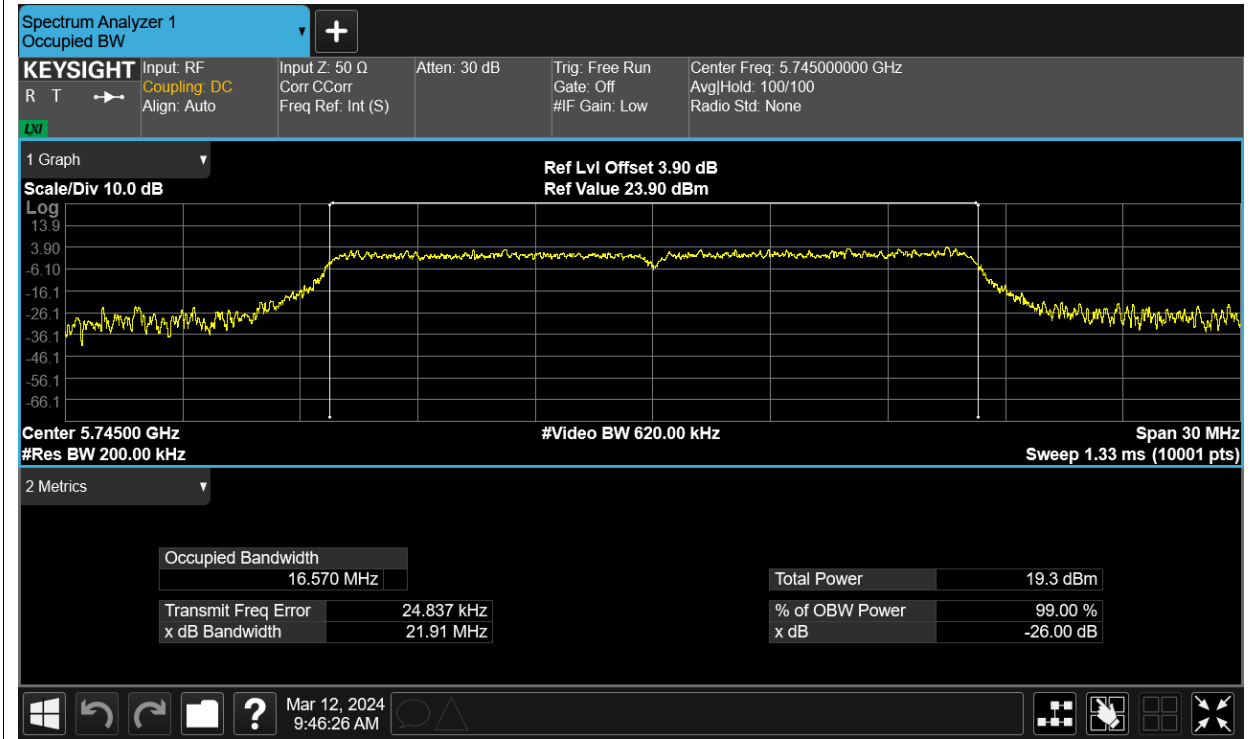


Occupied Channel Bandwidth

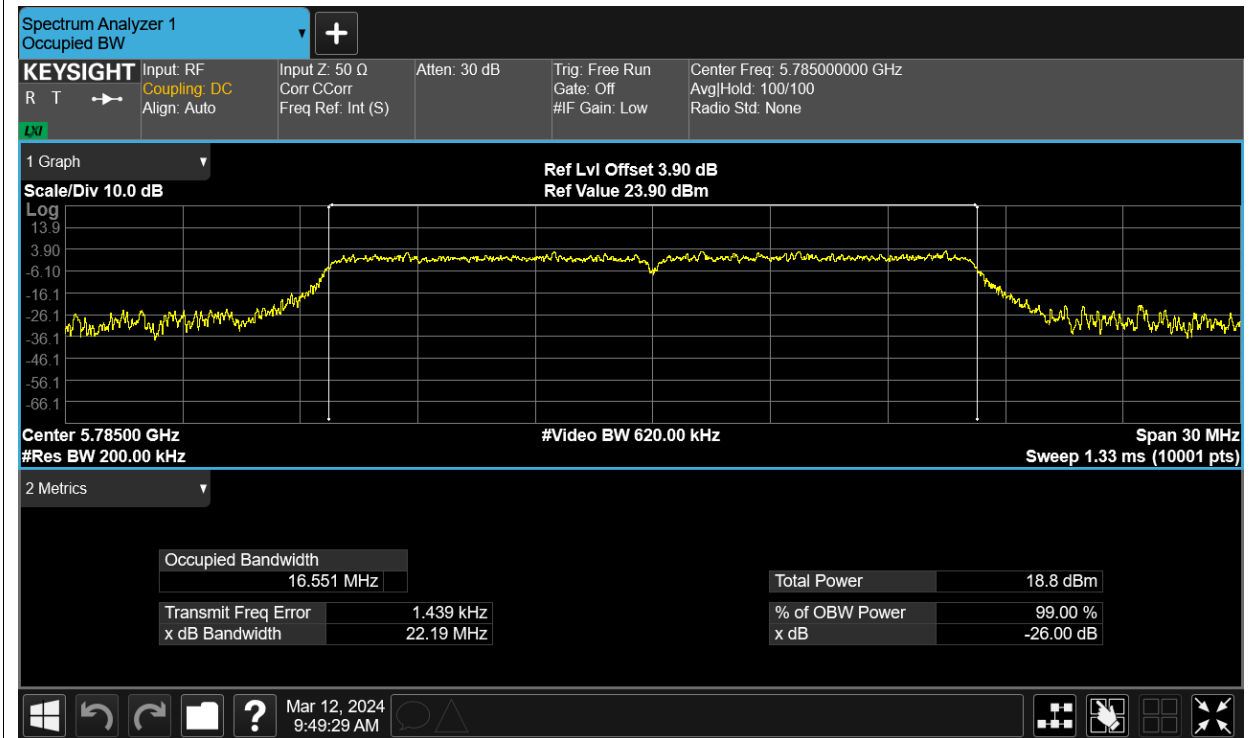
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant4	16.57
NVNT	a	5785	Ant4	16.551
NVNT	a	5825	Ant4	16.529
NVNT	ac20	5745	Ant4	17.617
NVNT	ac20	5785	Ant4	17.607
NVNT	ac20	5825	Ant4	17.608
NVNT	ac40	5755	Ant4	36.195
NVNT	ac40	5795	Ant4	36.236
NVNT	ac80	5775	Ant4	75.458
NVNT	n20	5745	Ant4	17.642
NVNT	n20	5785	Ant4	17.624
NVNT	n20	5825	Ant4	17.628
NVNT	n40	5755	Ant4	36.243
NVNT	n40	5795	Ant4	36.303

Test Graphs

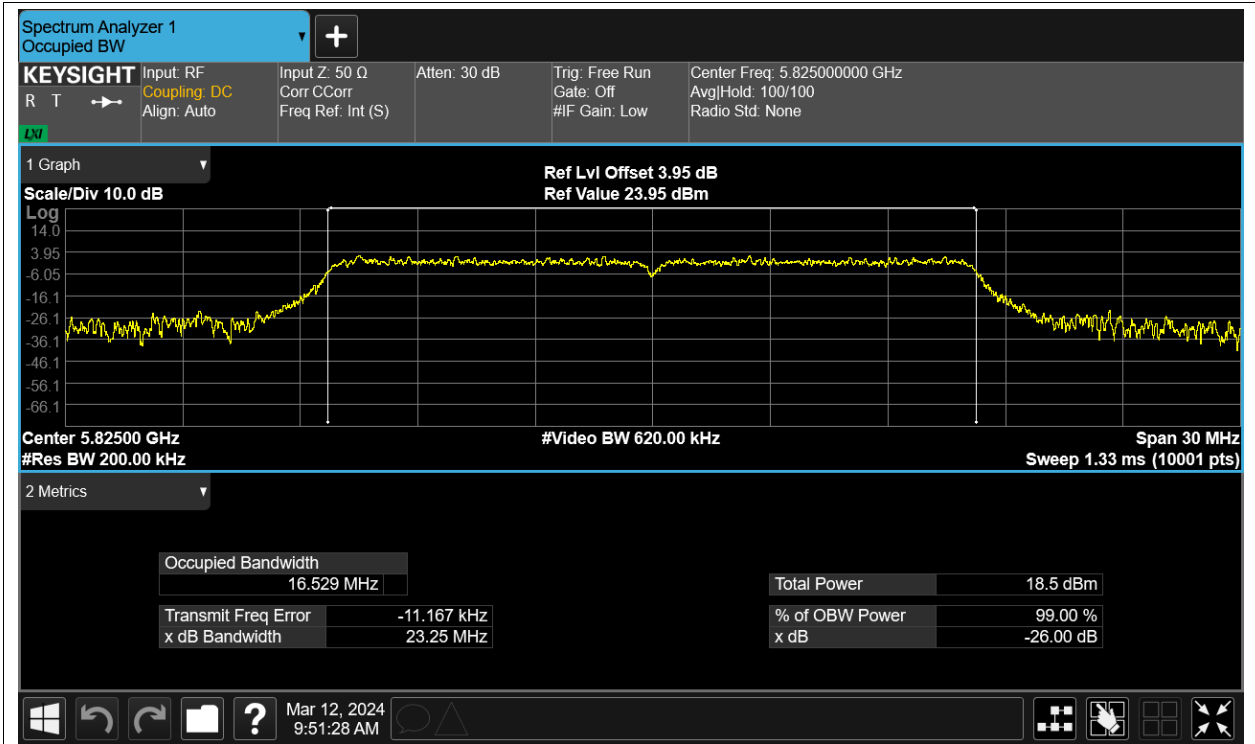
OBW NVNT a 5745MHz Ant4



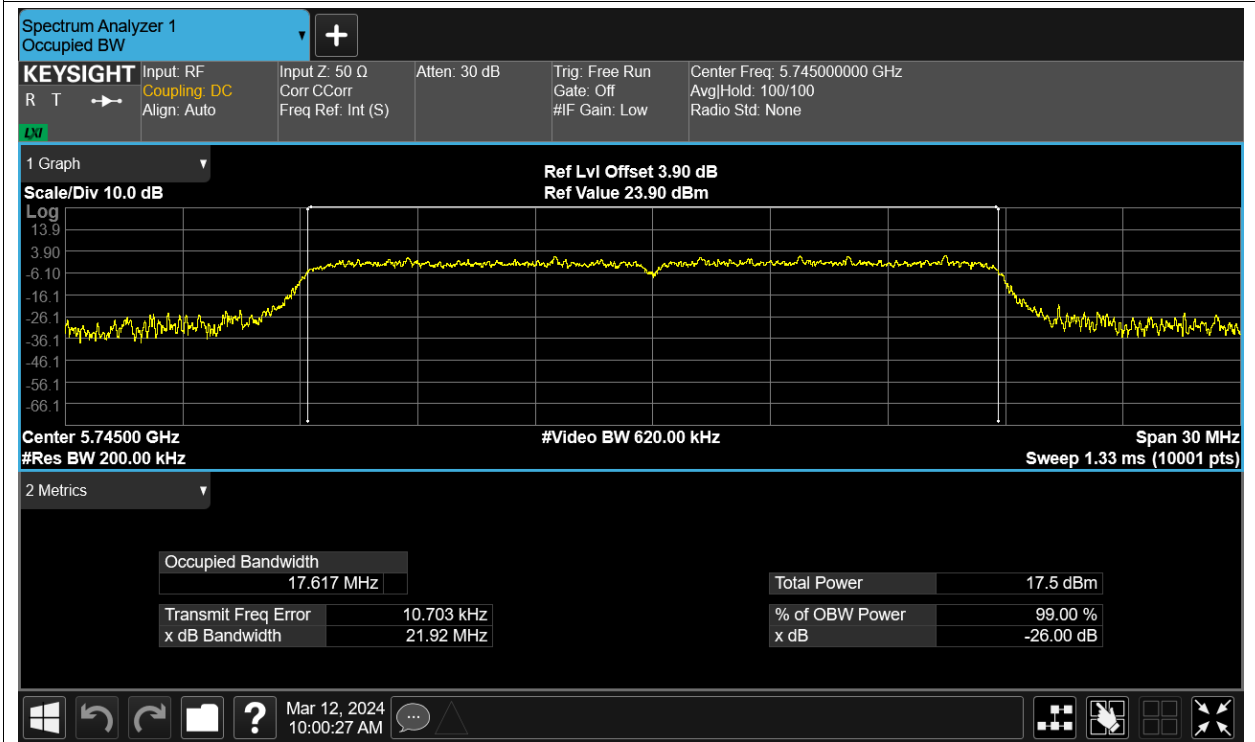
OBW NVNT a 5785MHz Ant4



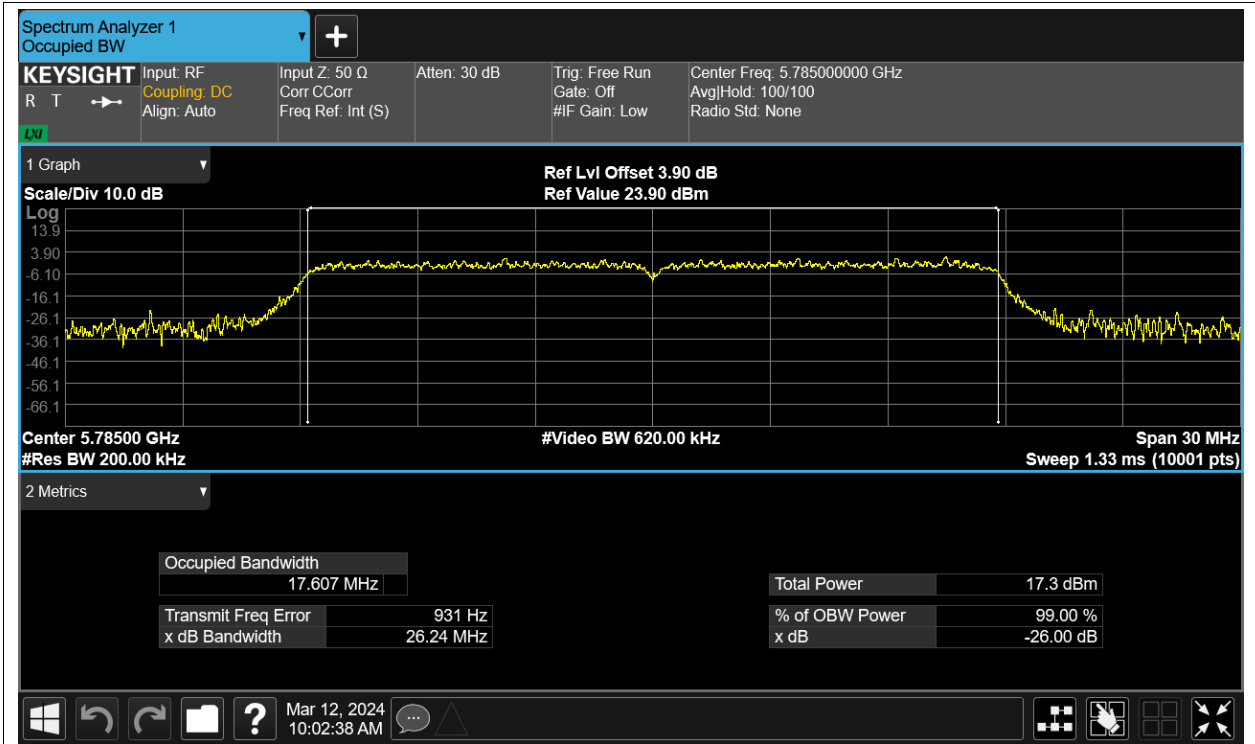
OBW NVNT a 5825MHz Ant4



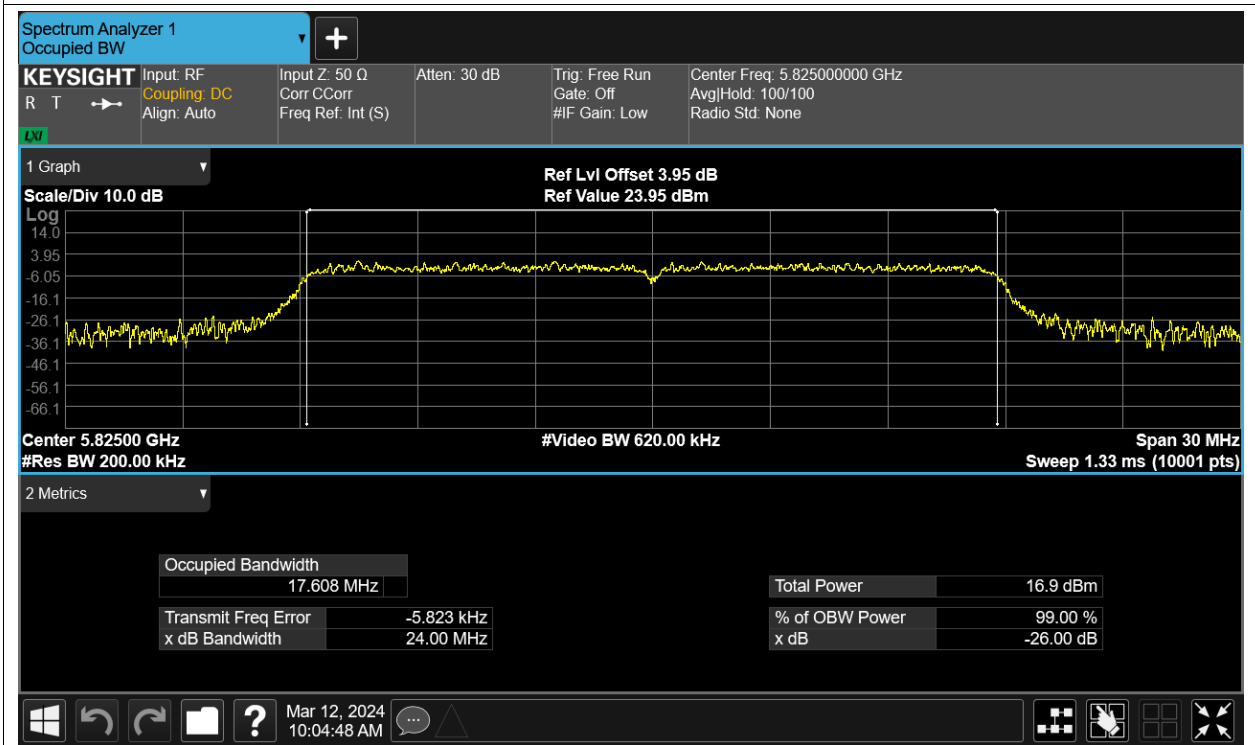
OBW NVNT ac20 5745MHz Ant4



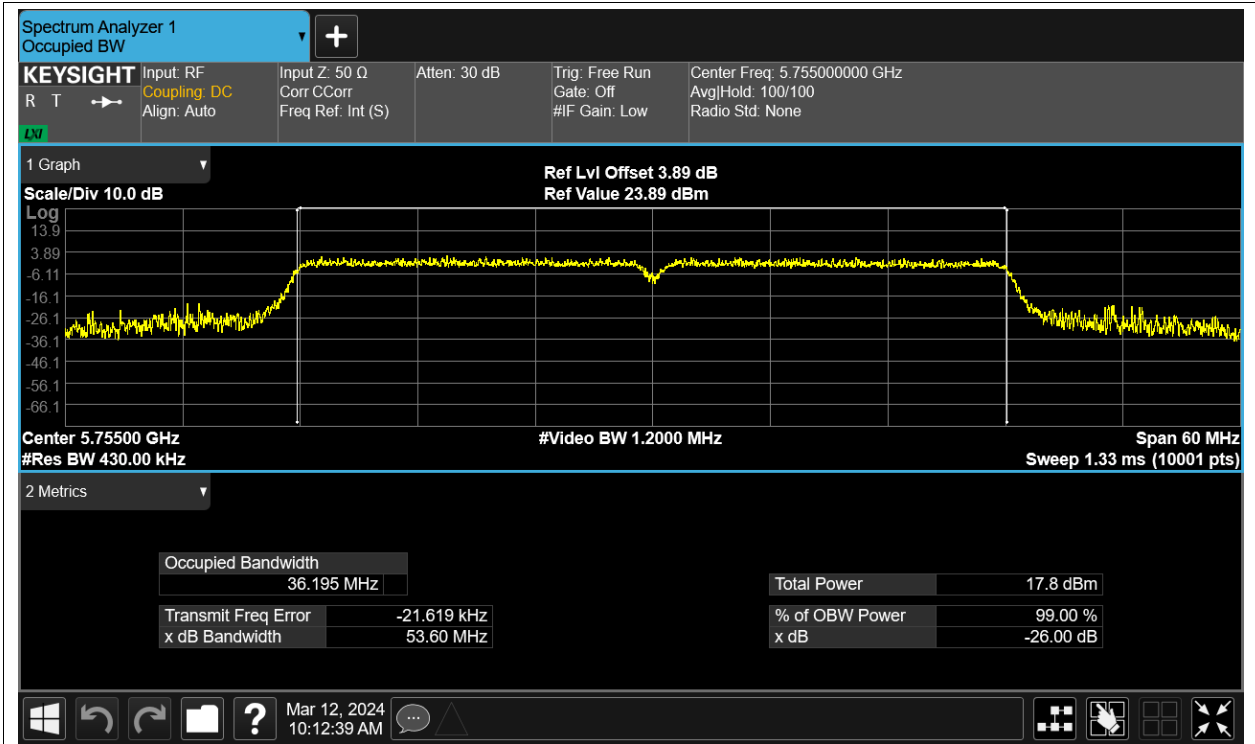
OBW NVNT ac20 5785MHz Ant4



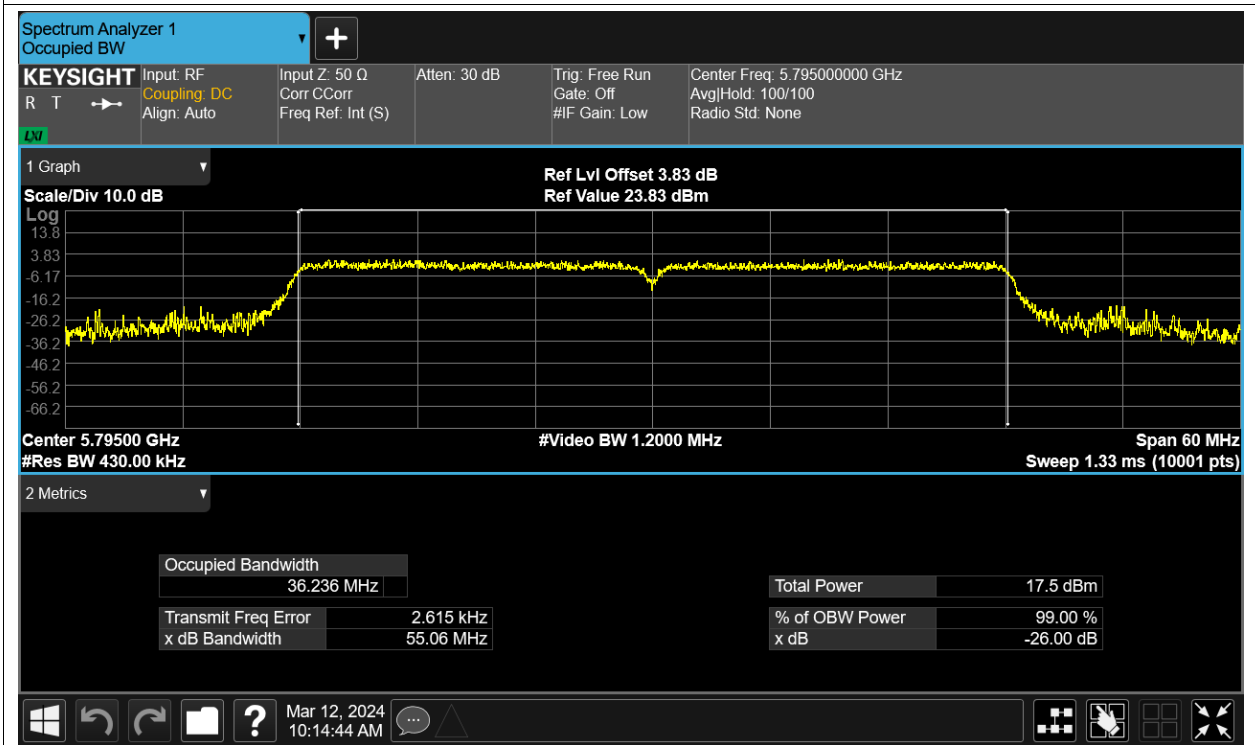
OBW NVNT ac20 5825MHz Ant4



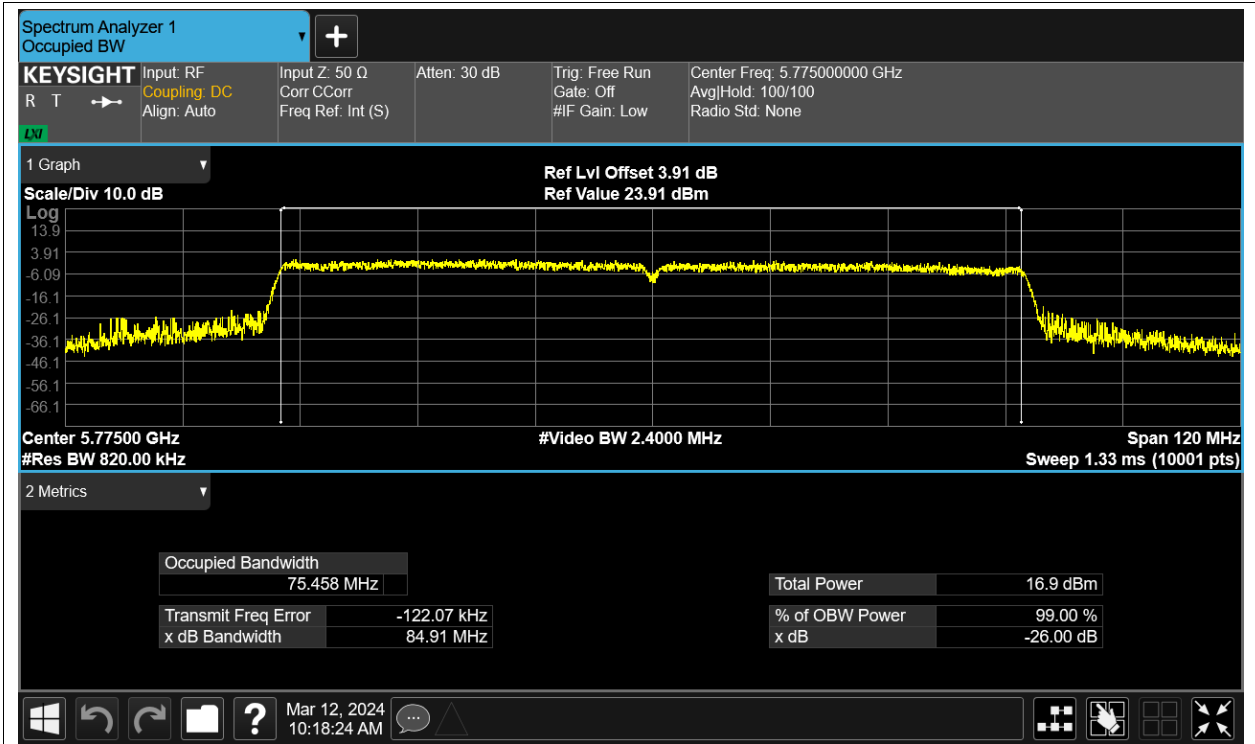
OBW NVNT ac40 5755MHz Ant4



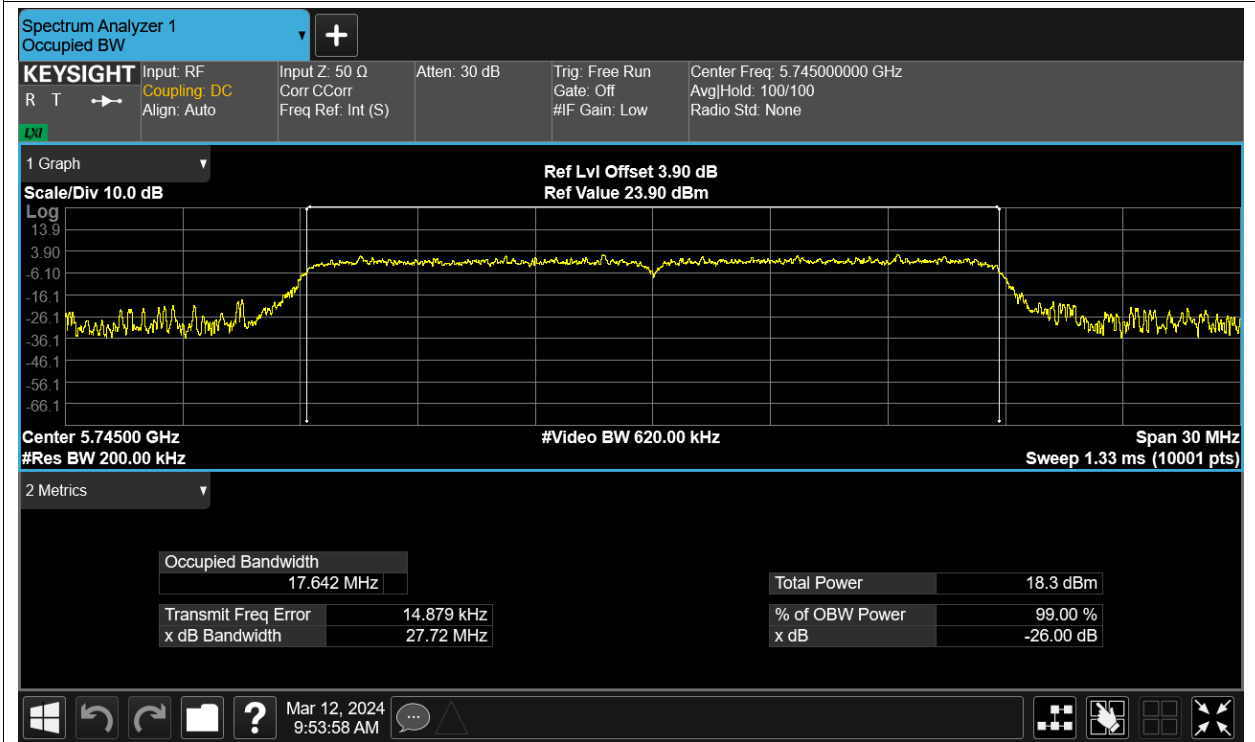
OBW NVNT ac40 5795MHz Ant4



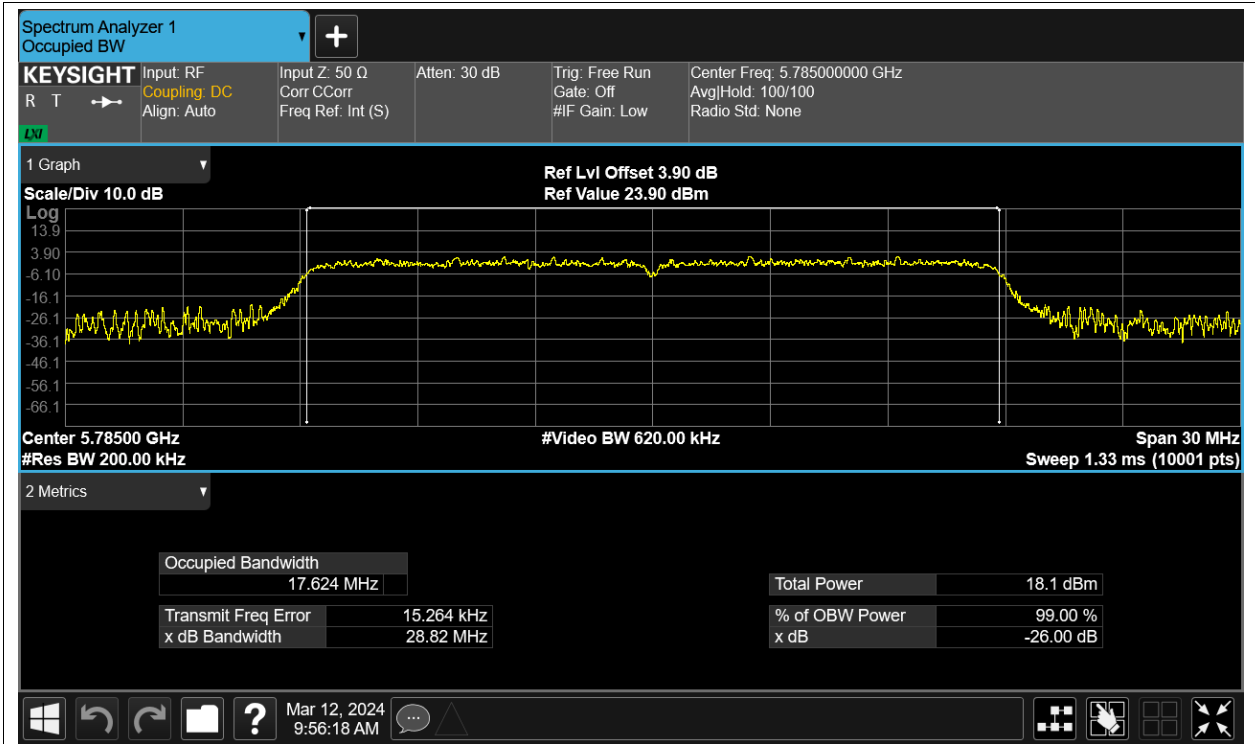
OBW NVNT ac80 5775MHz Ant4



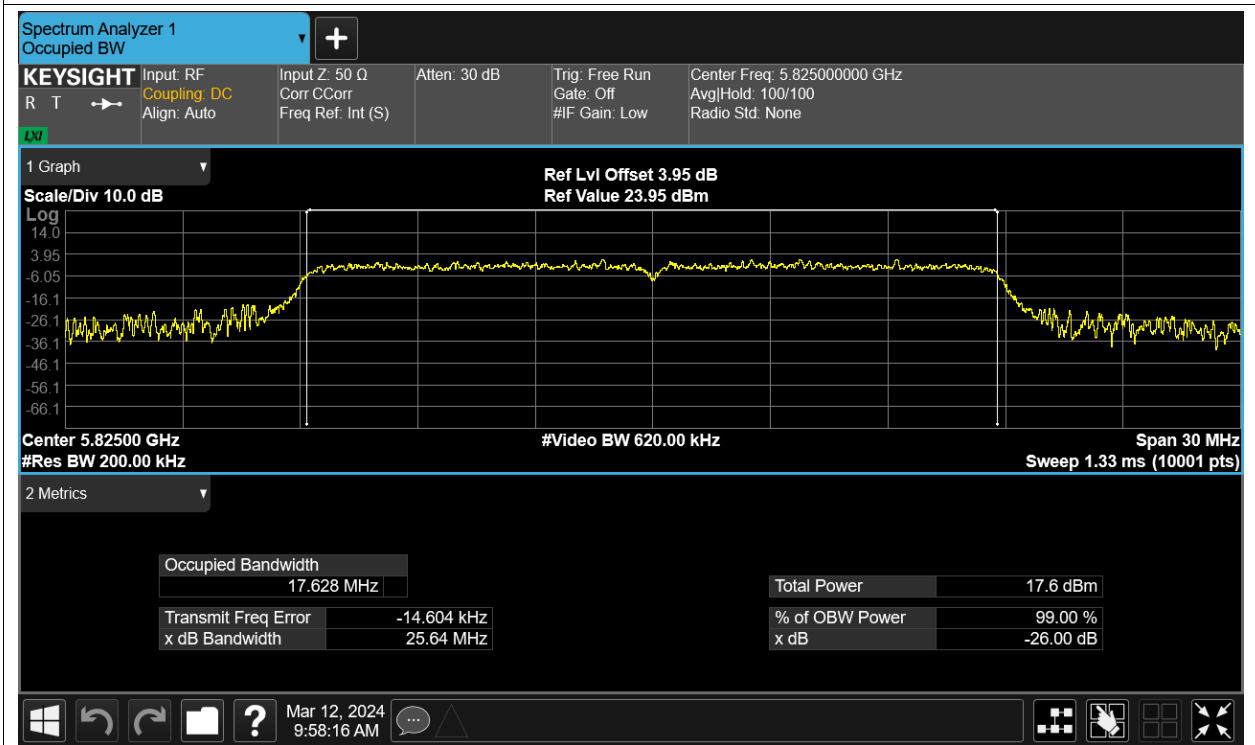
OBW NVNT n20 5745MHz Ant4



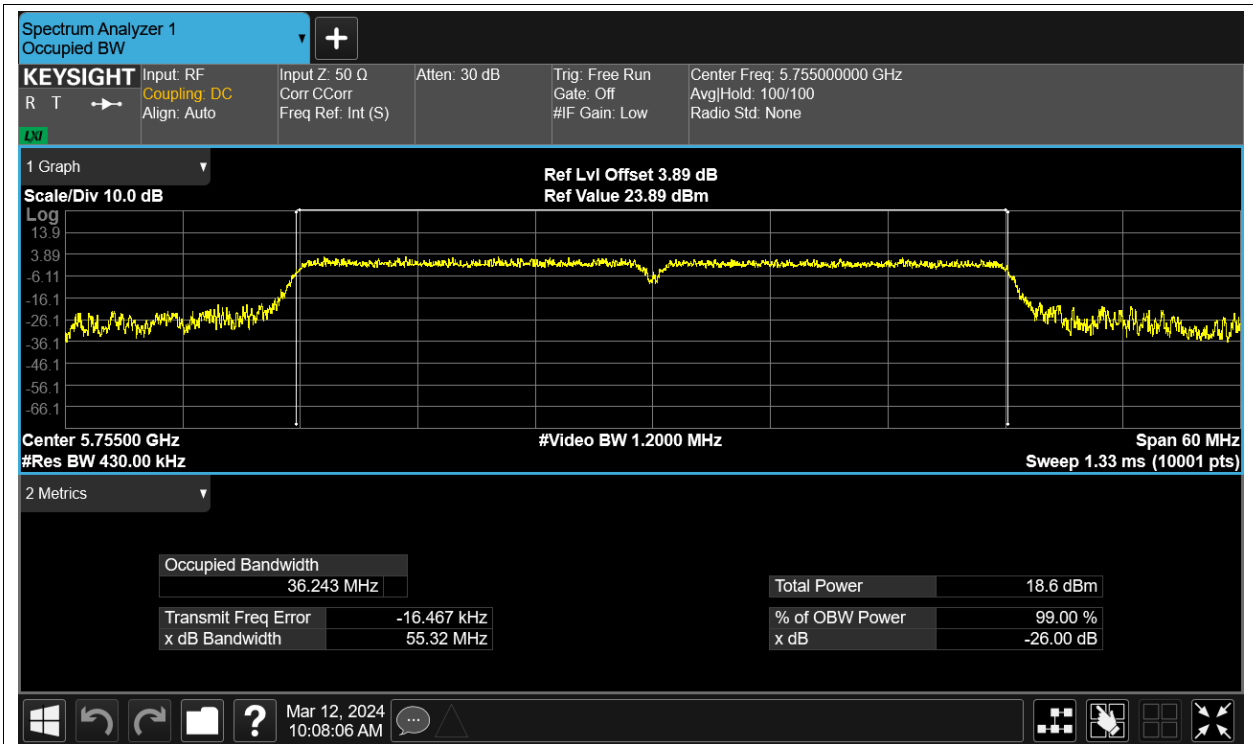
OBW NVNT n20 5785MHz Ant4



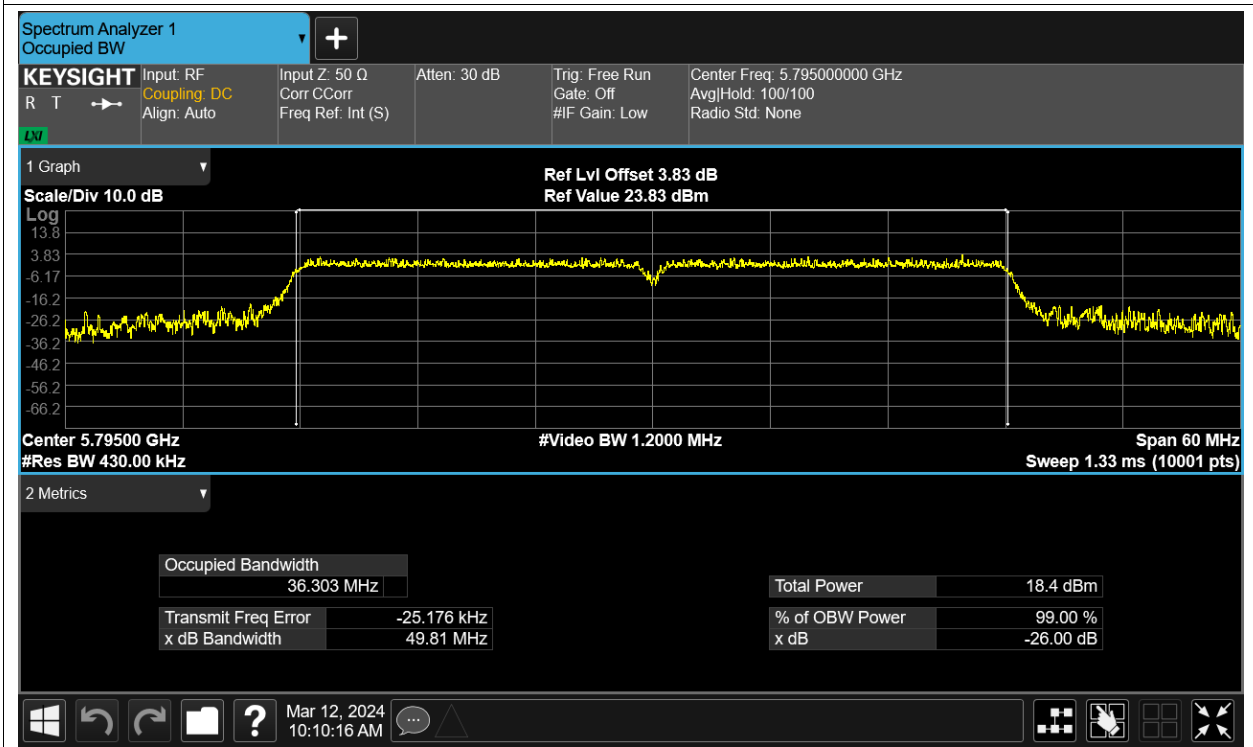
OBW NVNT n20 5825MHz Ant4



OBW NVNT n40 5755MHz Ant4



OBW NVNT n40 5795MHz Ant4

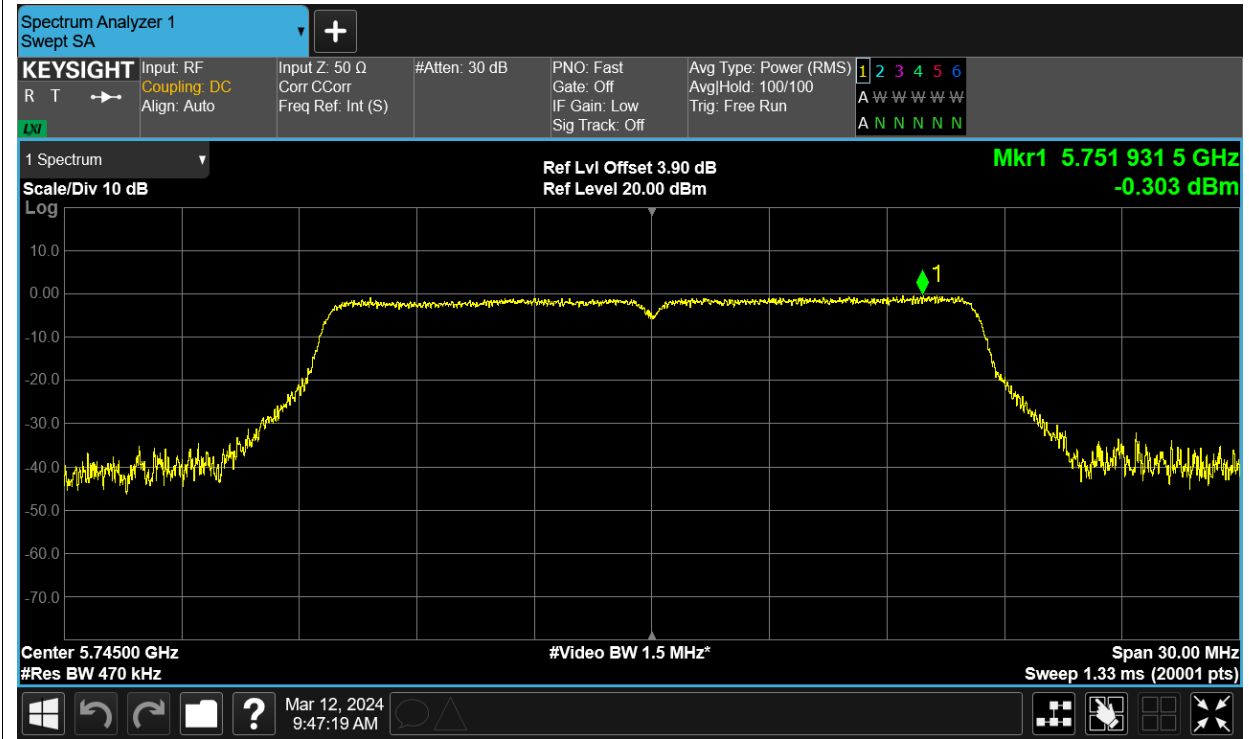


Maximum Power Spectral Density Level

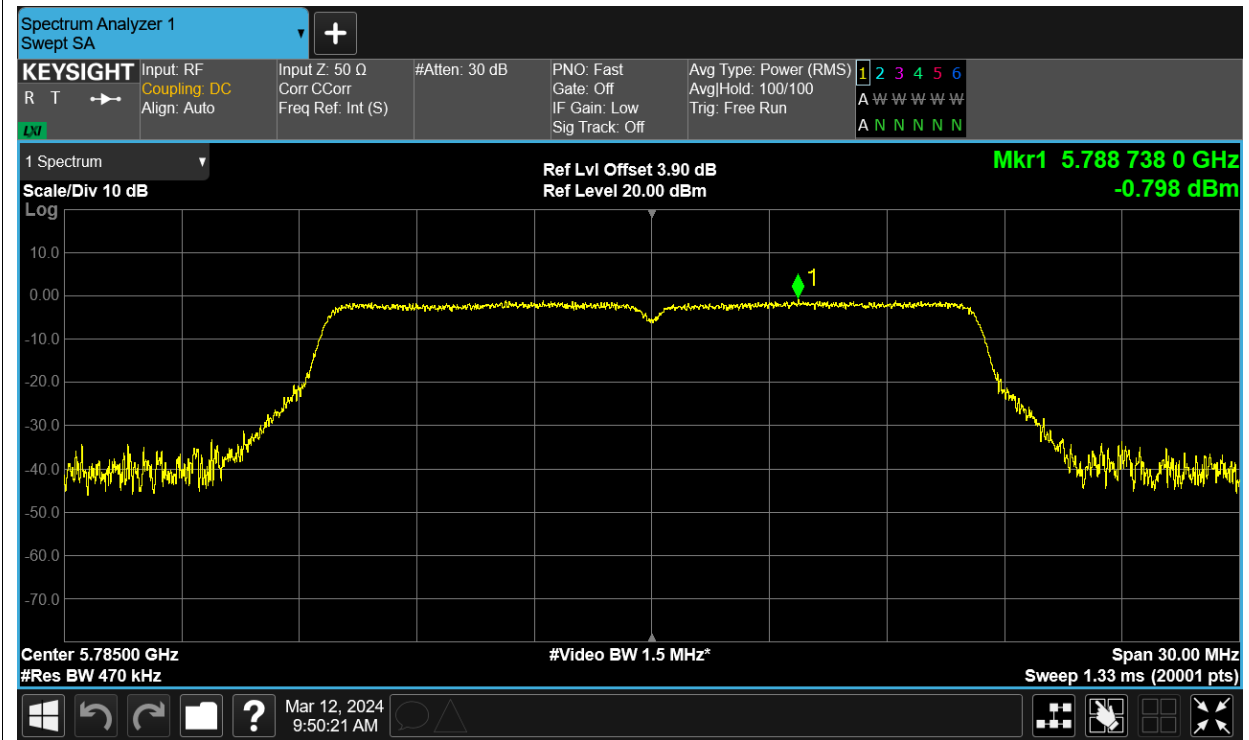
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant4	-0.303	30	Pass
NVNT	a	5785	Ant4	-0.798	30	Pass
NVNT	a	5825	Ant4	-1.518	30	Pass
NVNT	ac20	5745	Ant4	-2.487	30	Pass
NVNT	ac20	5785	Ant4	-2.704	30	Pass
NVNT	ac20	5825	Ant4	-3.177	30	Pass
NVNT	ac40	5755	Ant4	-5.636	30	Pass
NVNT	ac40	5795	Ant4	-5.928	30	Pass
NVNT	ac80	5775	Ant4	-10.106	30	Pass
NVNT	n20	5745	Ant4	-1.43	30	Pass
NVNT	n20	5785	Ant4	-1.91	30	Pass
NVNT	n20	5825	Ant4	-2.656	30	Pass
NVNT	n40	5755	Ant4	-4.882	30	Pass
NVNT	n40	5795	Ant4	-5.051	30	Pass

Test Graphs

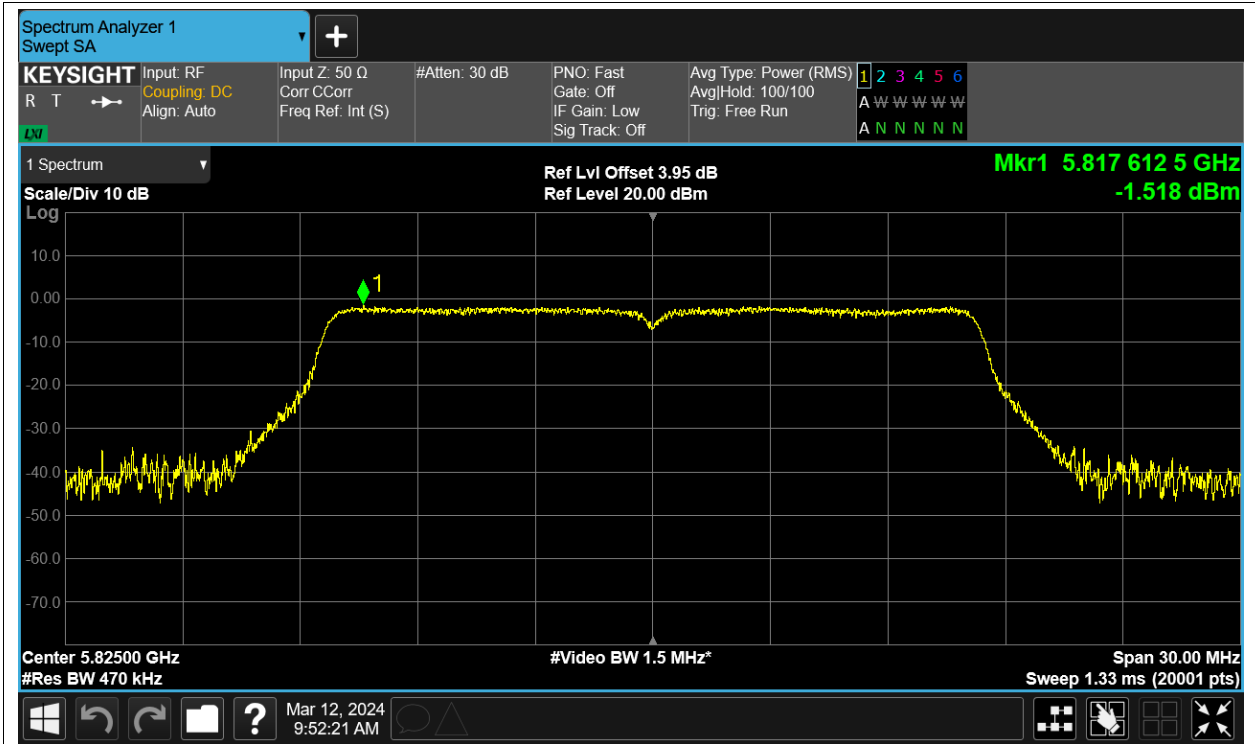
PSD NVNT a 5745MHz Ant4



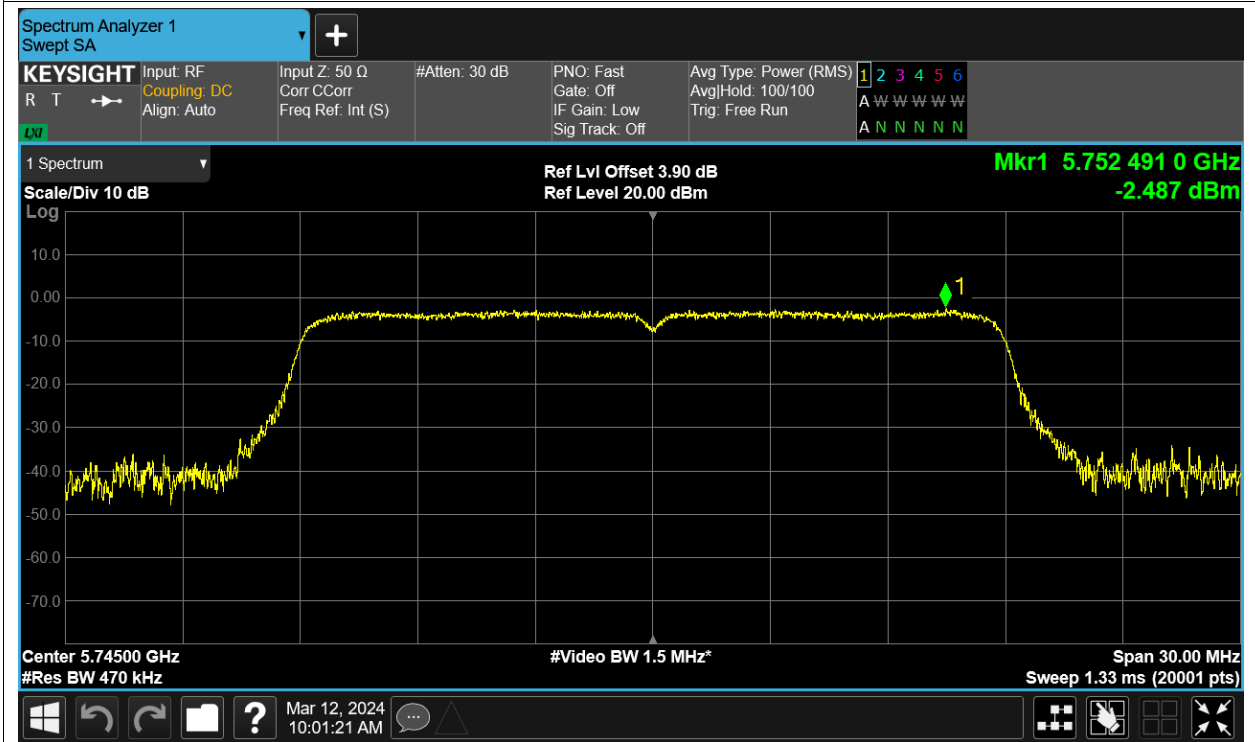
PSD NVNT a 5785MHz Ant4



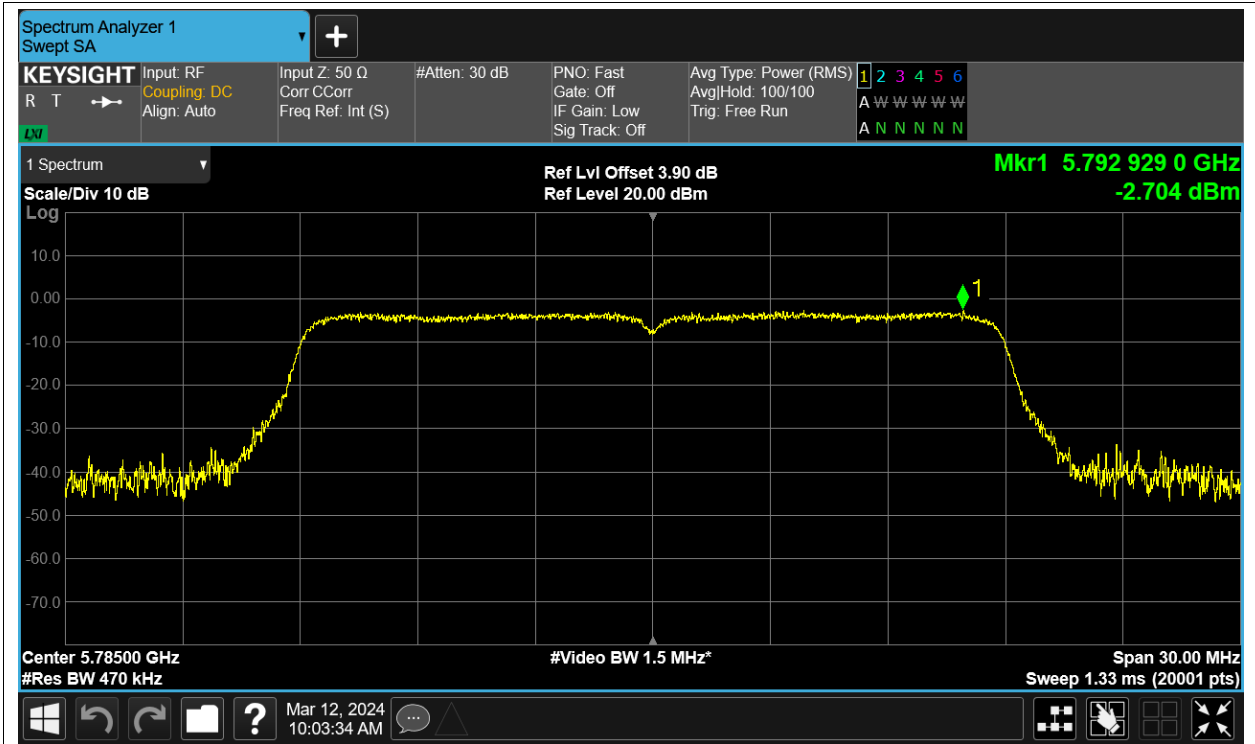
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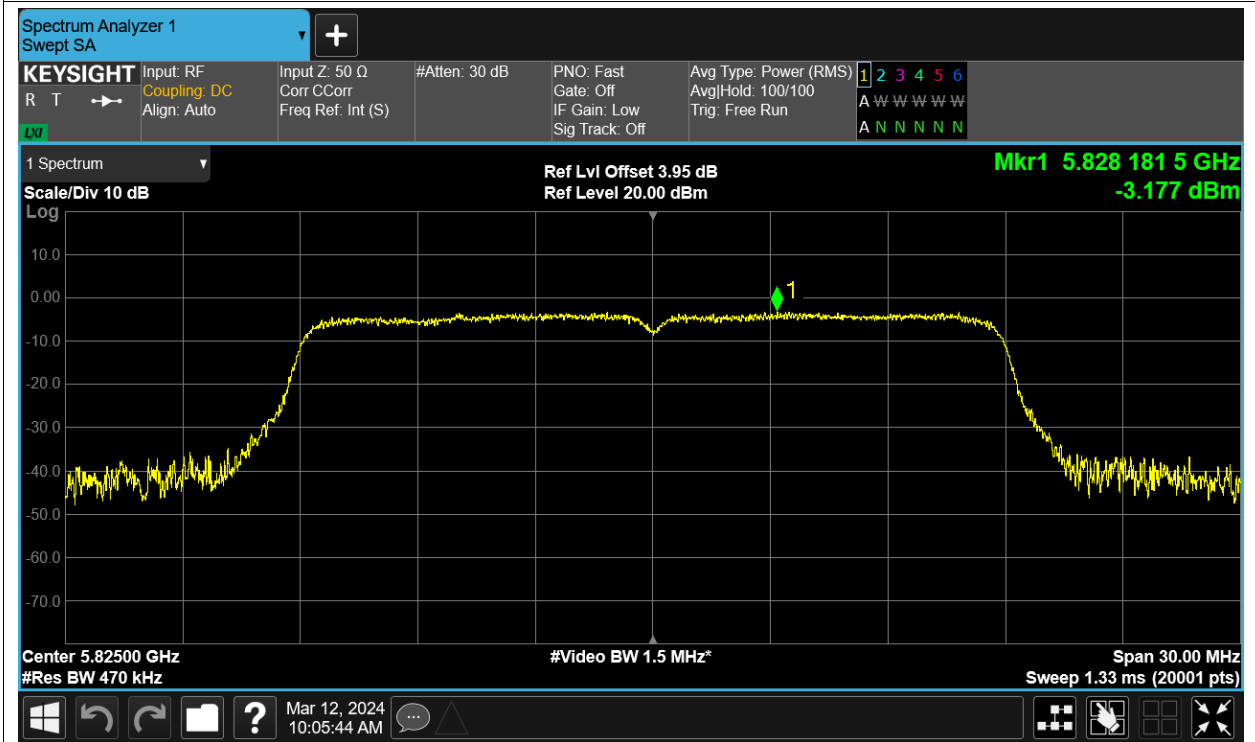
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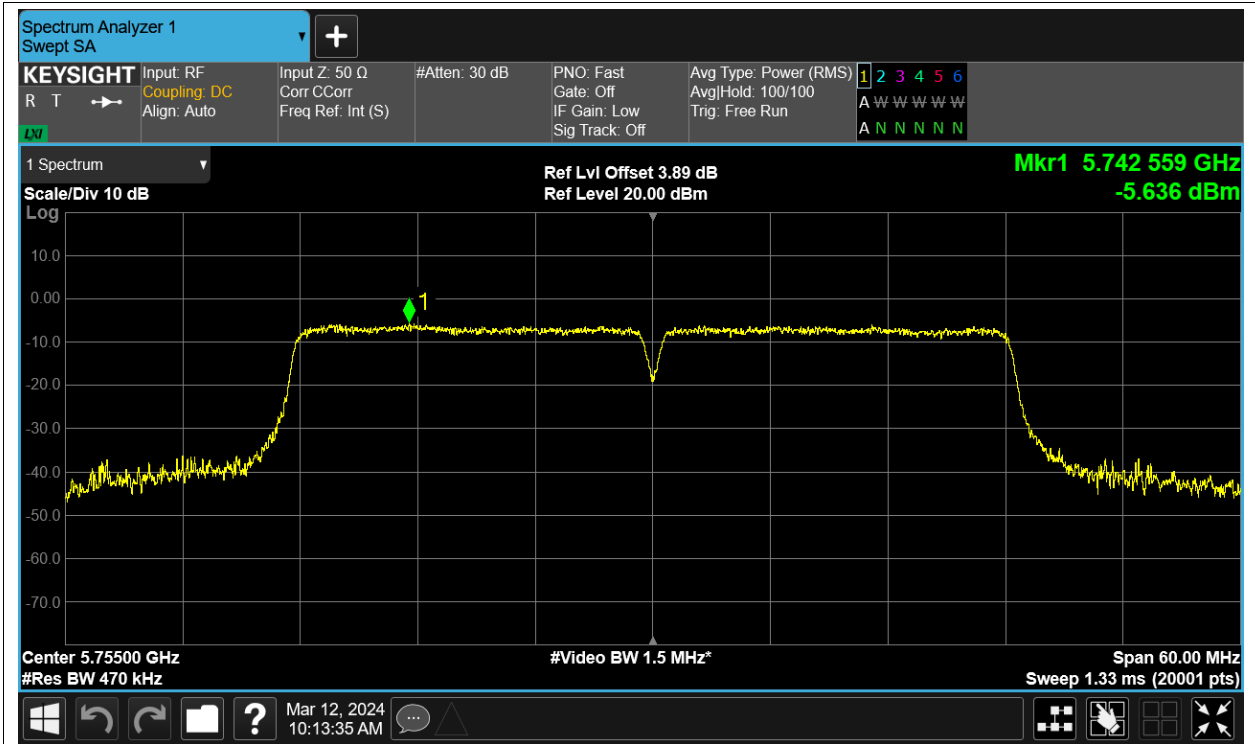
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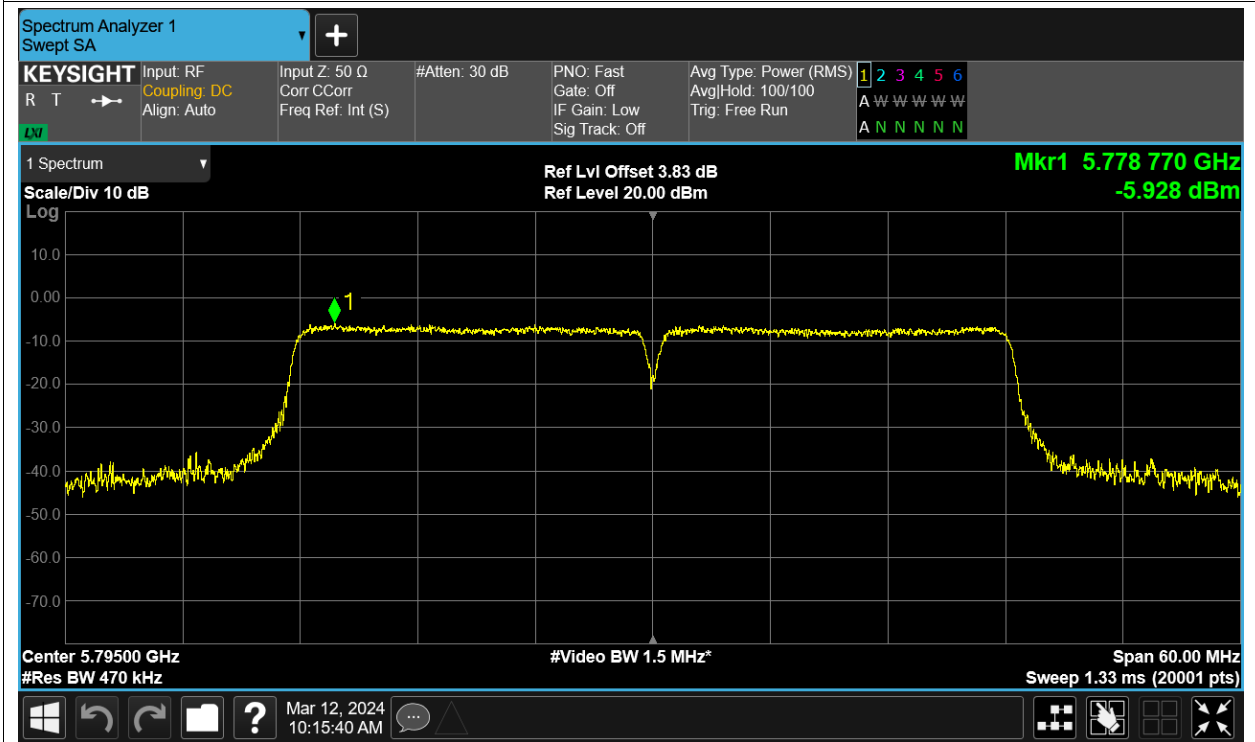
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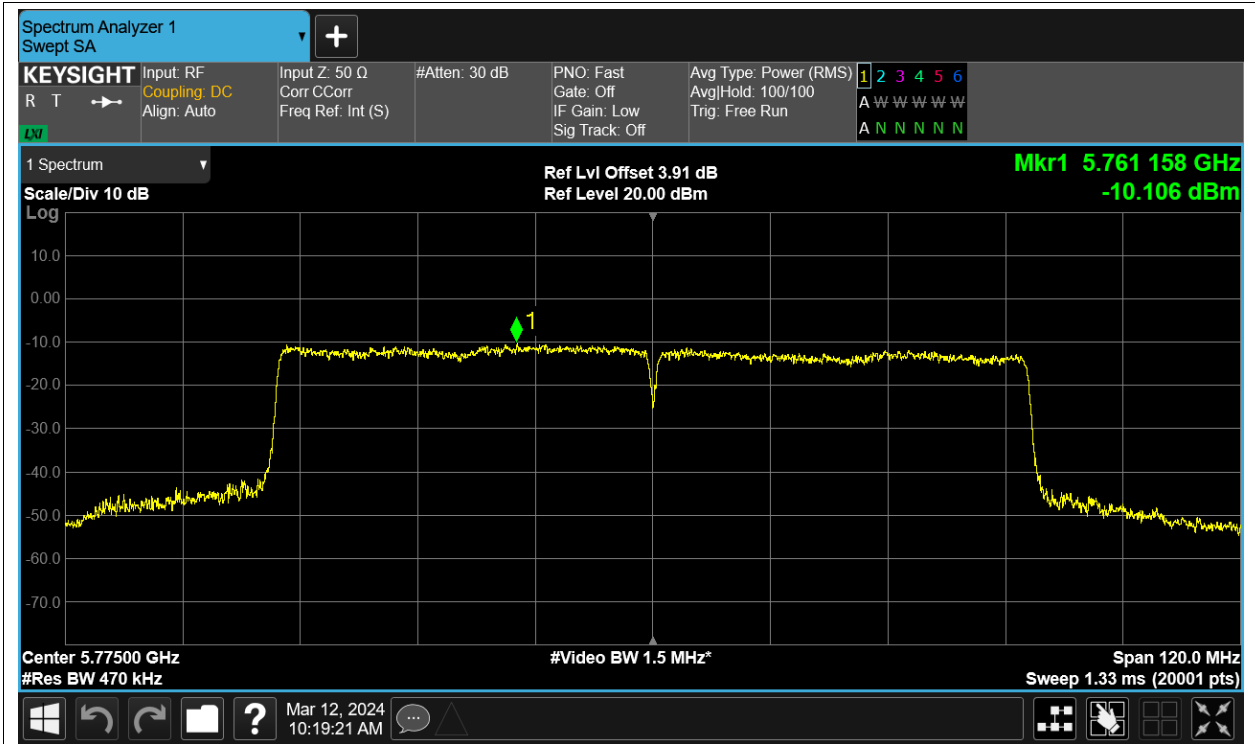
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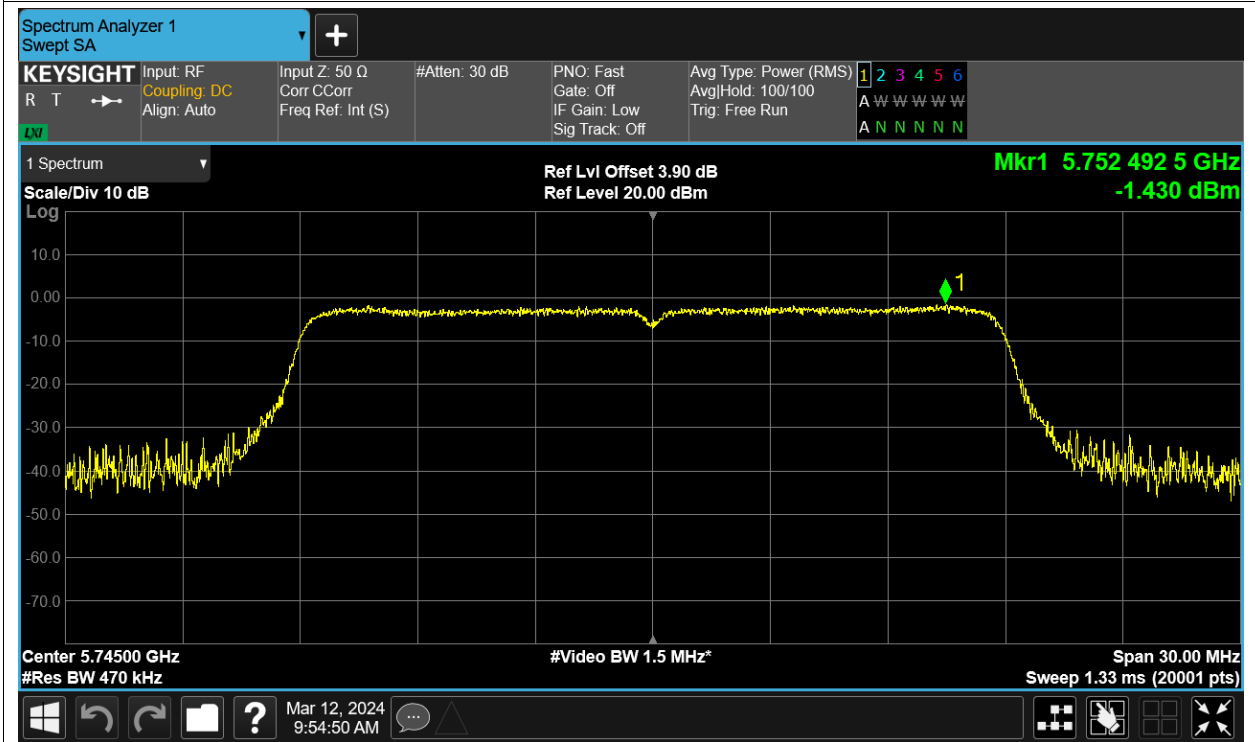
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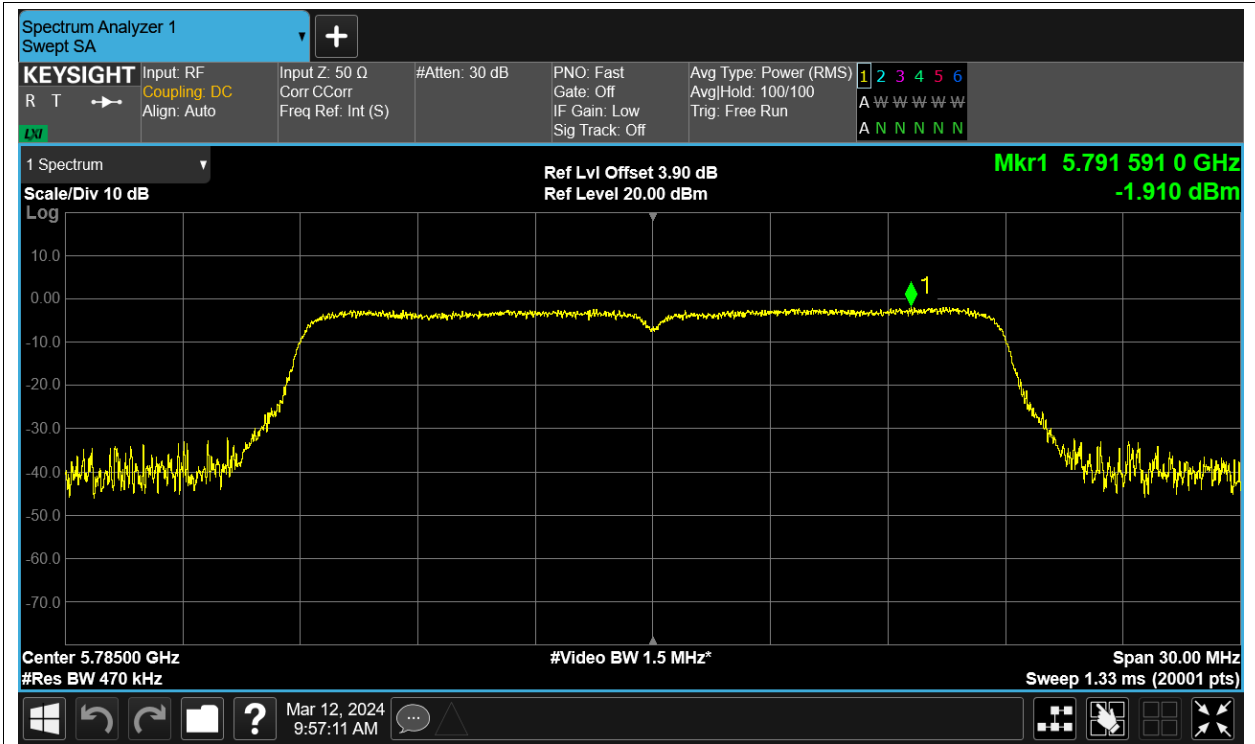
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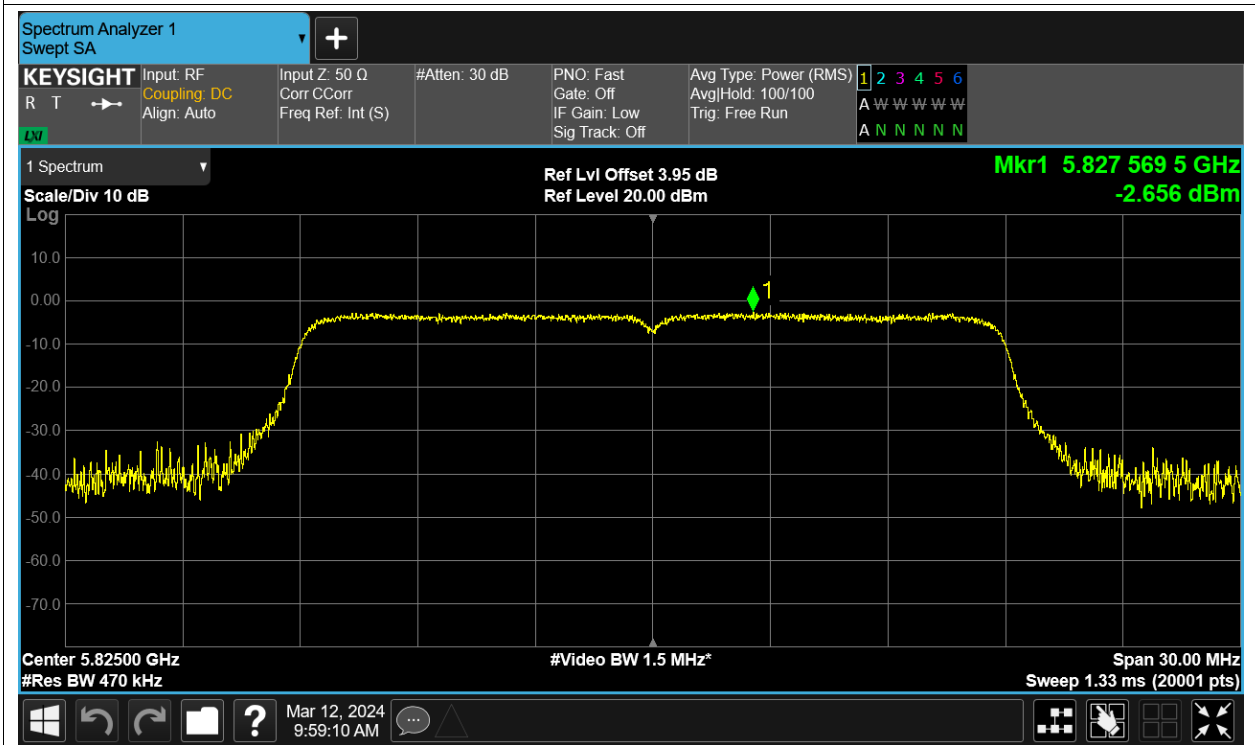
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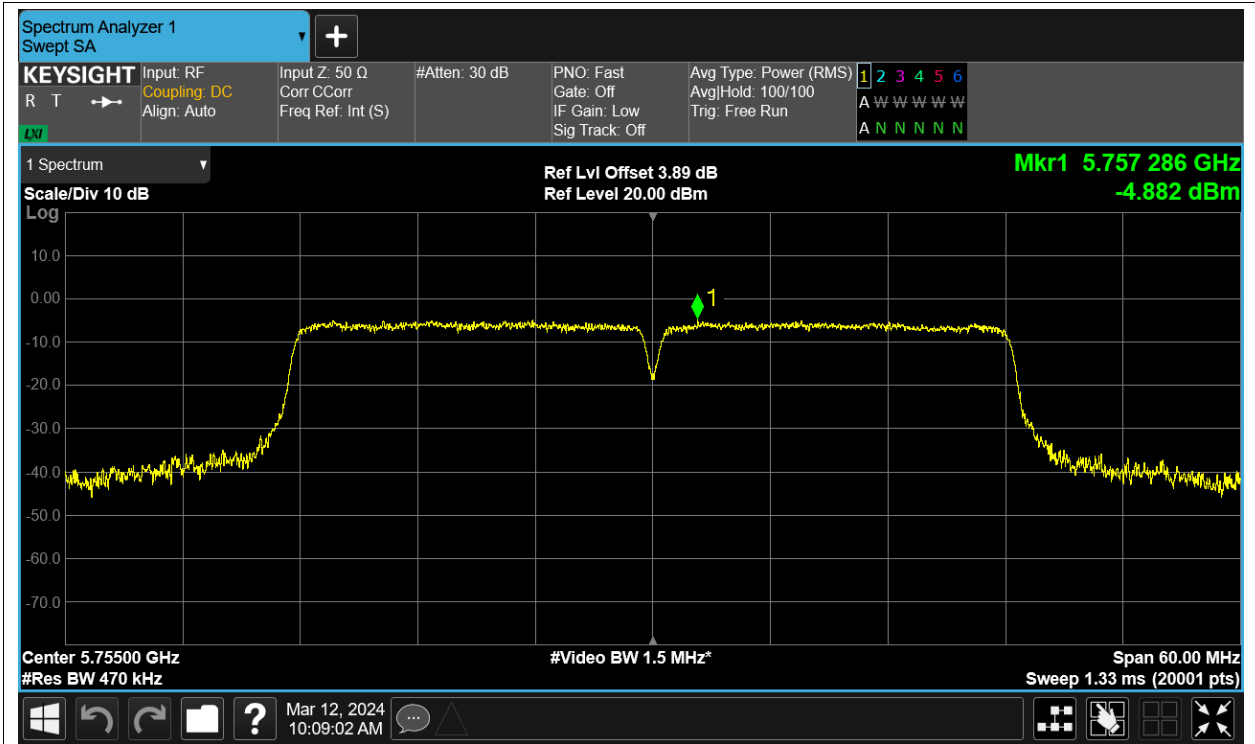
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PSD NVNT n20 5825MHz Ant4



PSD NVNT n40 5755MHz Ant4



PSD NVNT n40 5795MHz Ant4

