

Test Data

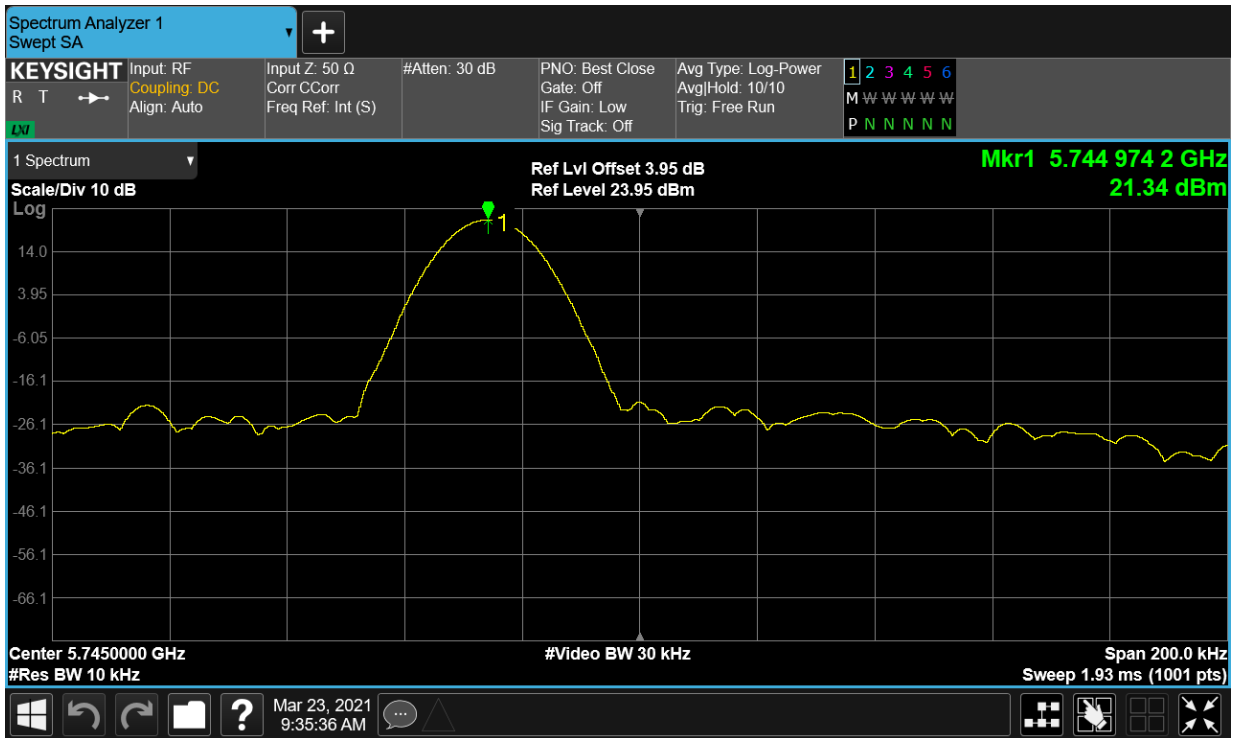
Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	Ant1	5744.9744	-4.46	25	Pass
HVLT	a	5745	Ant1	5744.9742	-4.49	25	Pass
LVHT	a	5745	Ant1	5744.9744	-4.46	25	Pass
LVLT	a	5745	Ant1	5744.9744	-4.46	25	Pass
NVNT	a	5745	Ant1	5744.9746	-4.42	25	Pass
HVHT	ac80	5775	Ant1	5774.9742	-4.47	25	Pass
HVLT	ac80	5775	Ant1	5774.9742	-4.47	25	Pass
LVHT	ac80	5775	Ant1	5774.9742	-4.47	25	Pass
LVLT	ac80	5775	Ant1	5774.9742	-4.47	25	Pass
NVNT	ac80	5775	Ant1	5774.9744	-4.43	25	Pass
HVHT	n40	5755	Ant1	5754.9744	-4.45	25	Pass
HVLT	n40	5755	Ant1	5754.9744	-4.45	25	Pass
LVHT	n40	5755	Ant1	5754.9744	-4.45	25	Pass
LVLT	n40	5755	Ant1	5754.9744	-4.45	25	Pass
NVNT	n40	5755	Ant1	5754.9746	-4.41	25	Pass

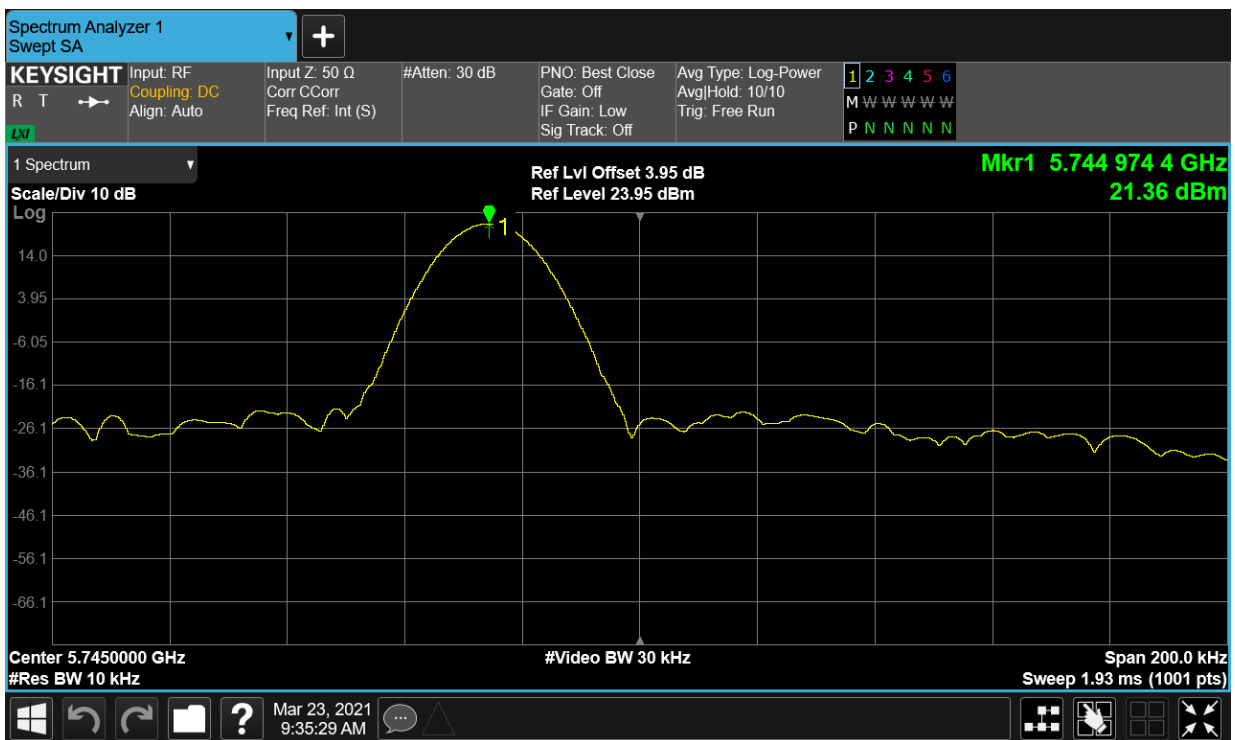
Freq. Stability HVHT a 5745MHz Ant1



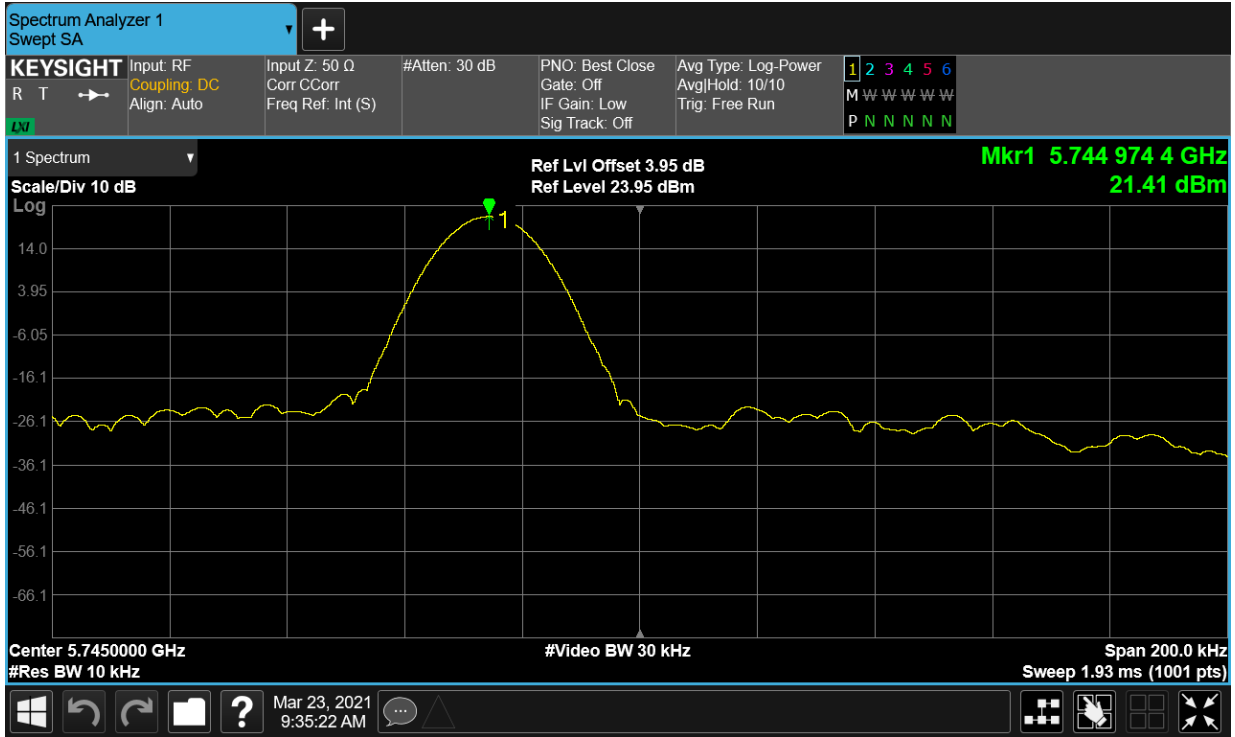
Freq. Stability HVLT a 5745MHz Ant1



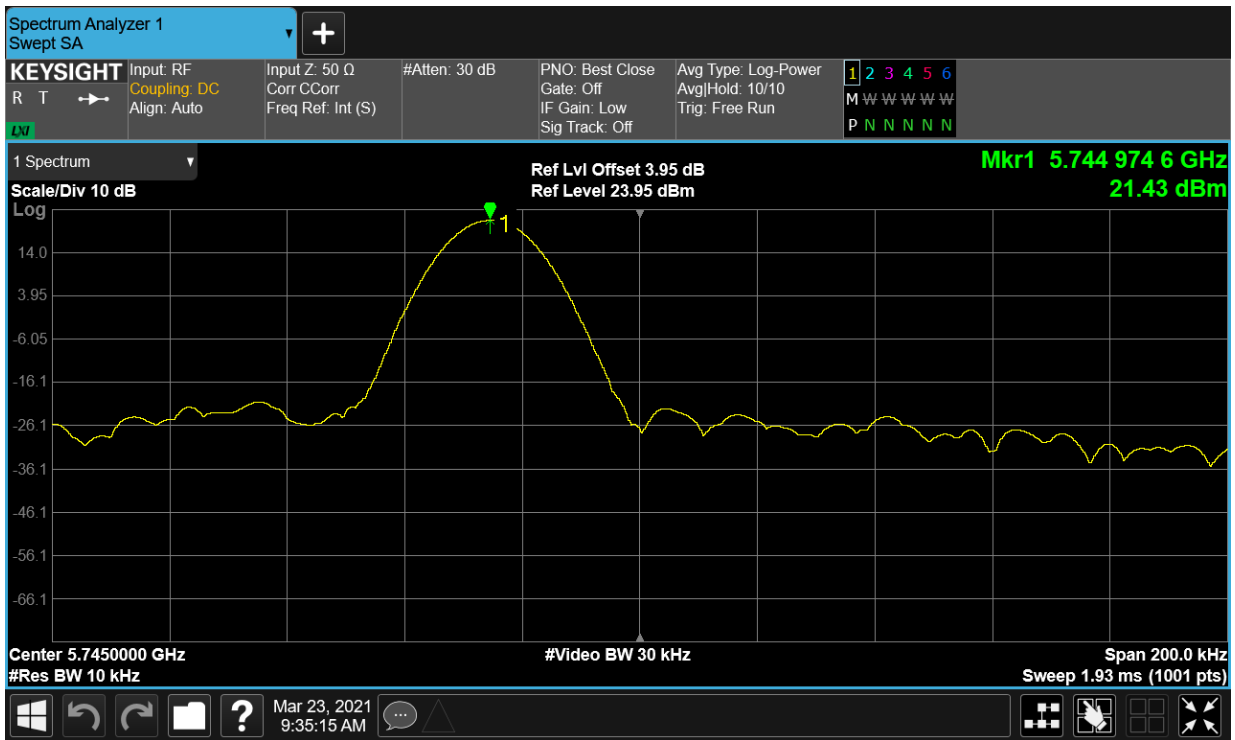
Freq. Stability LVHT a 5745MHz Ant1



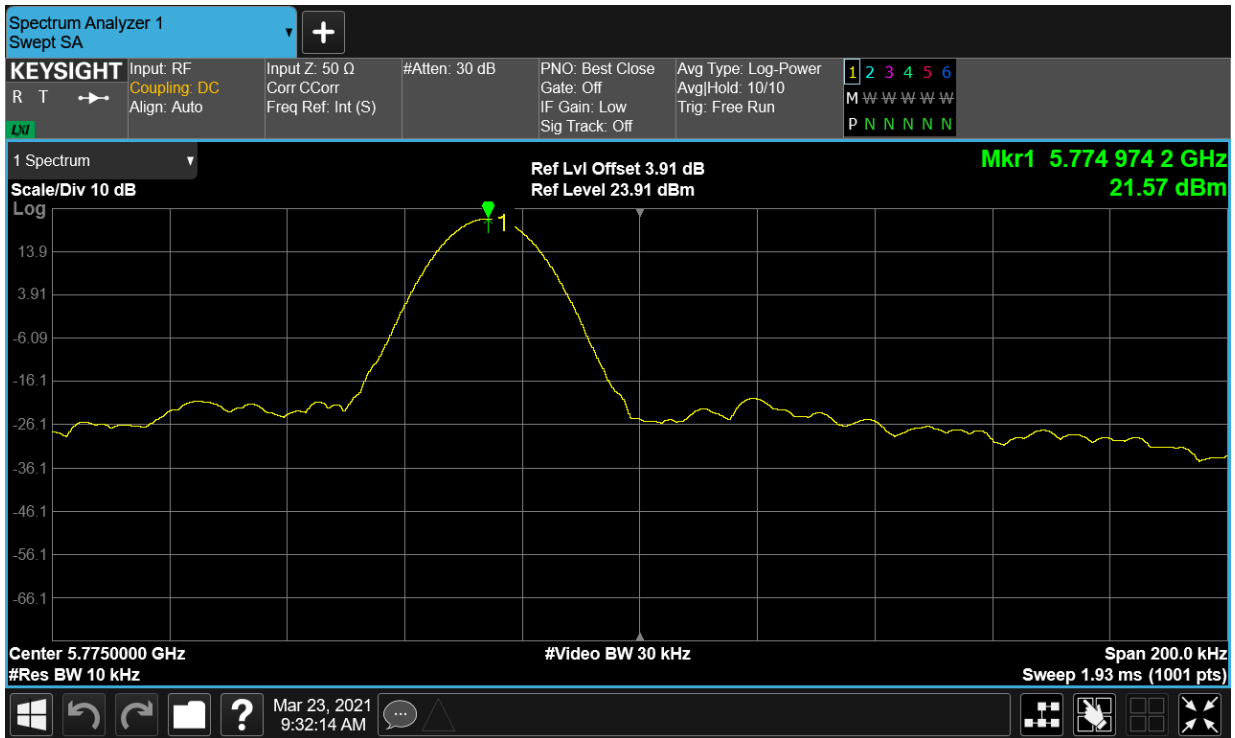
Freq. Stability LVLT a 5745MHz Ant1



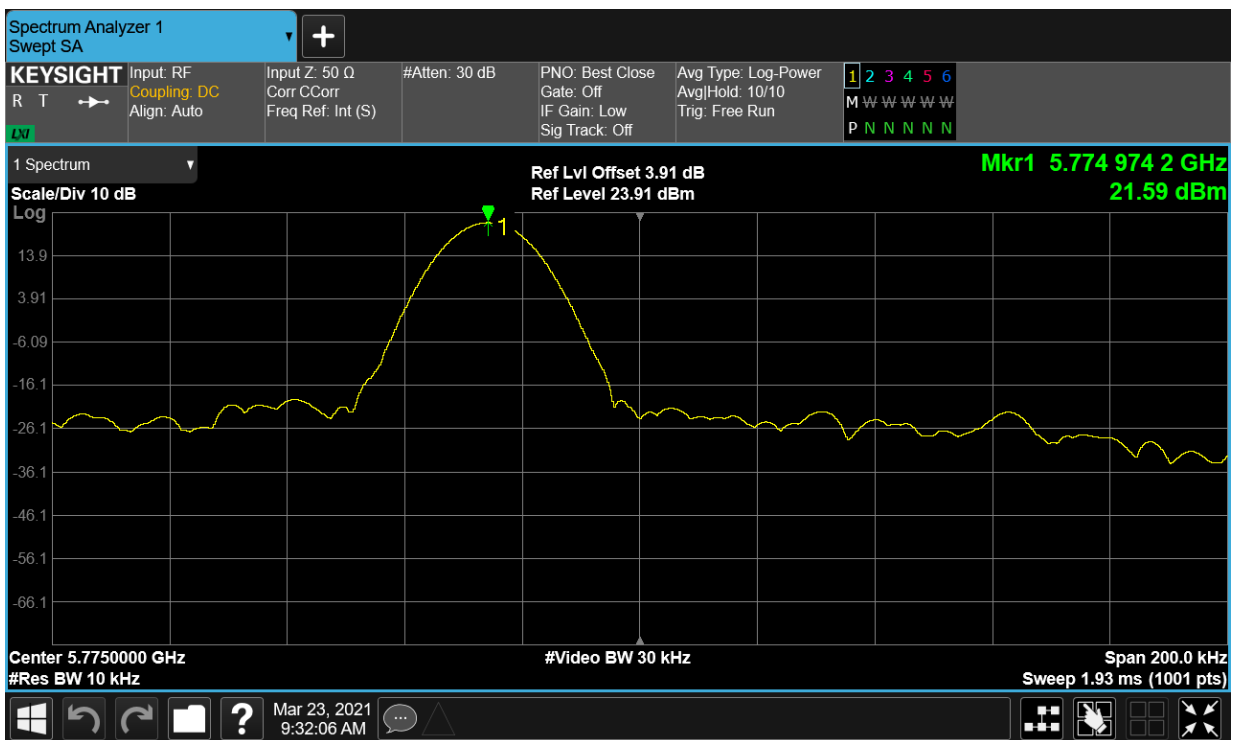
Freq. Stability NVNT a 5745MHz Ant1



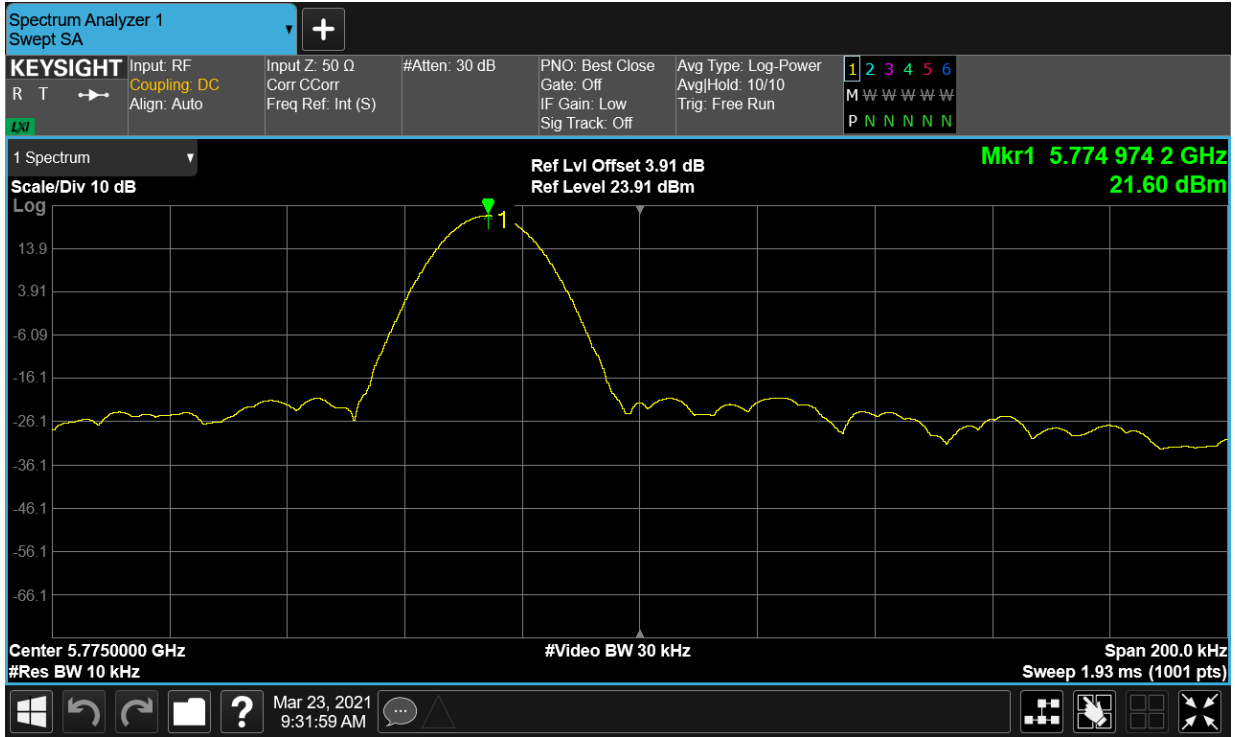
Freq. Stability HVHT ac80 5775MHz Ant1



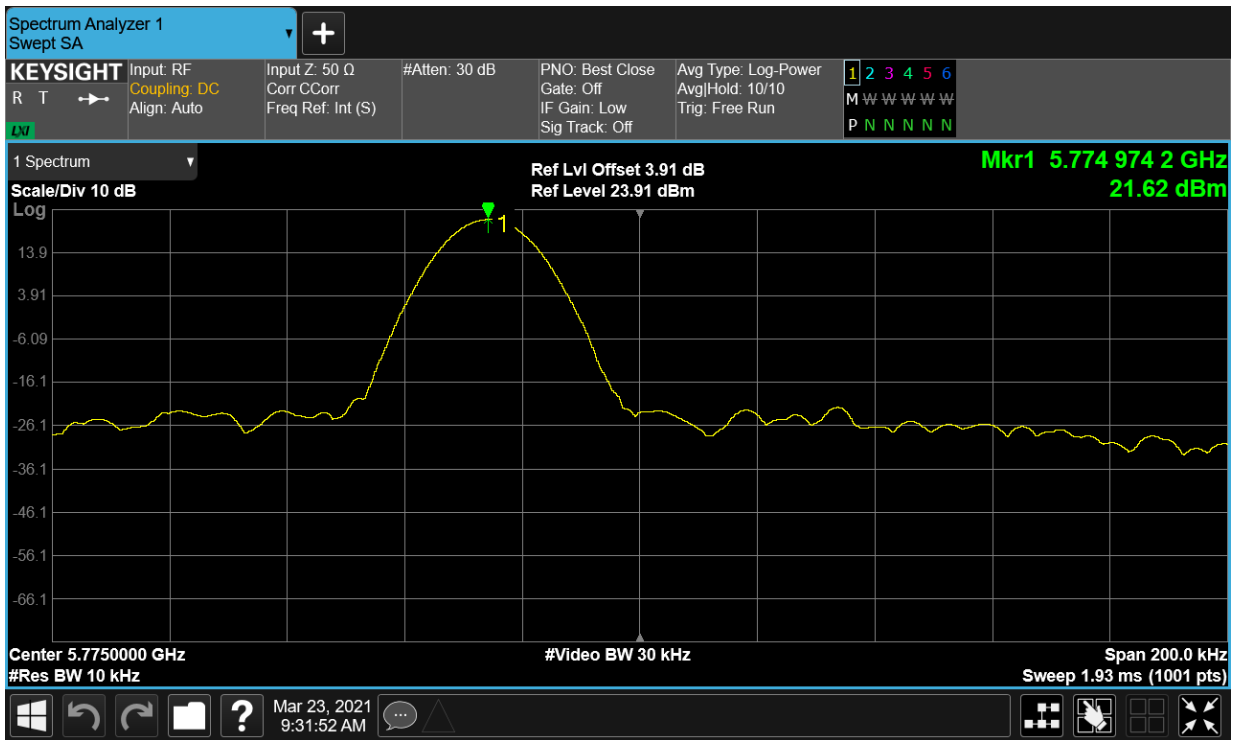
Freq. Stability HVLt ac80 5775MHz Ant1



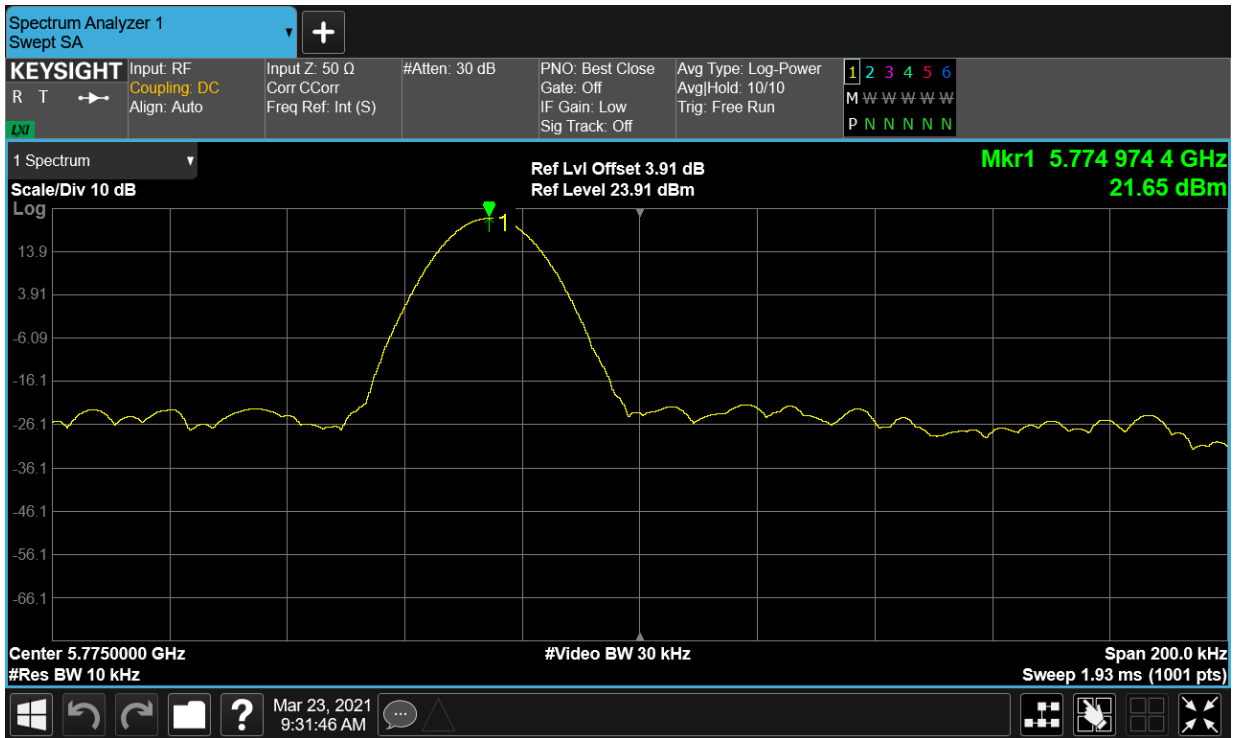
Freq. Stability LVHT ac80 5775MHz Ant1



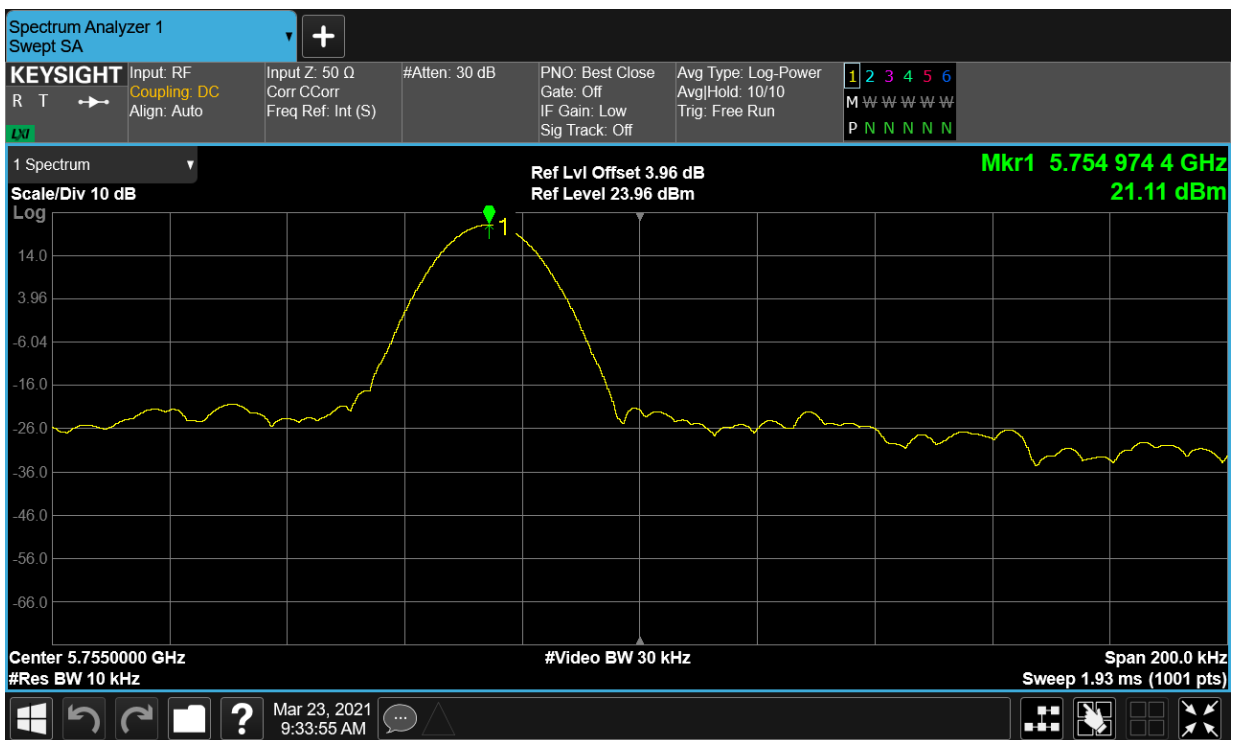
Freq. Stability LVLT ac80 5775MHz Ant1



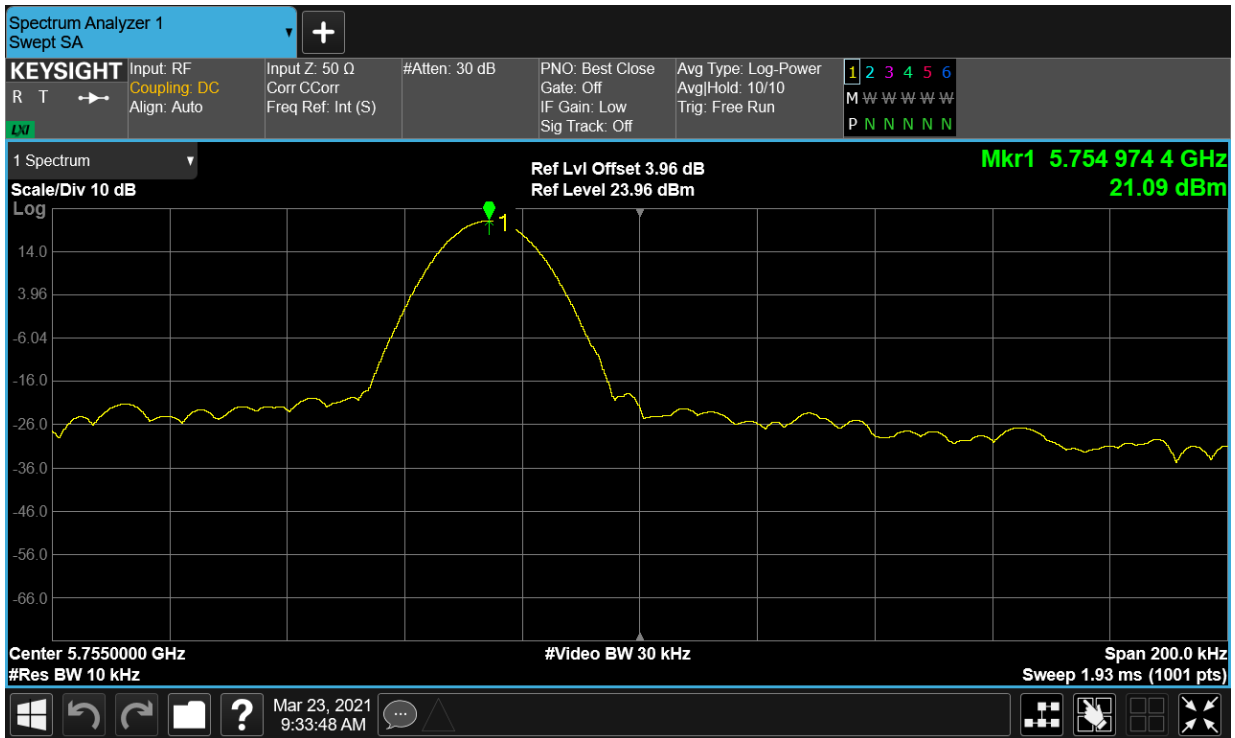
Freq. Stability NVNT ac80 5775MHz Ant1



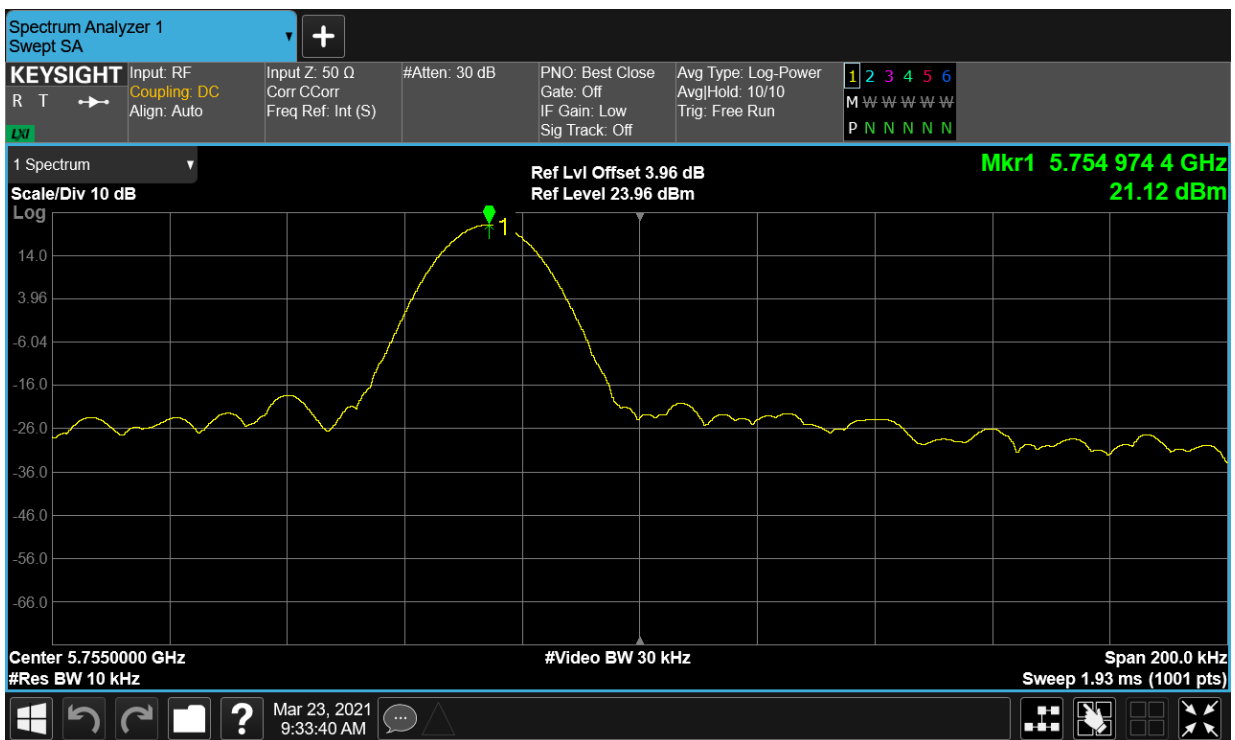
Freq. Stability HVHT n40 5755MHz Ant1



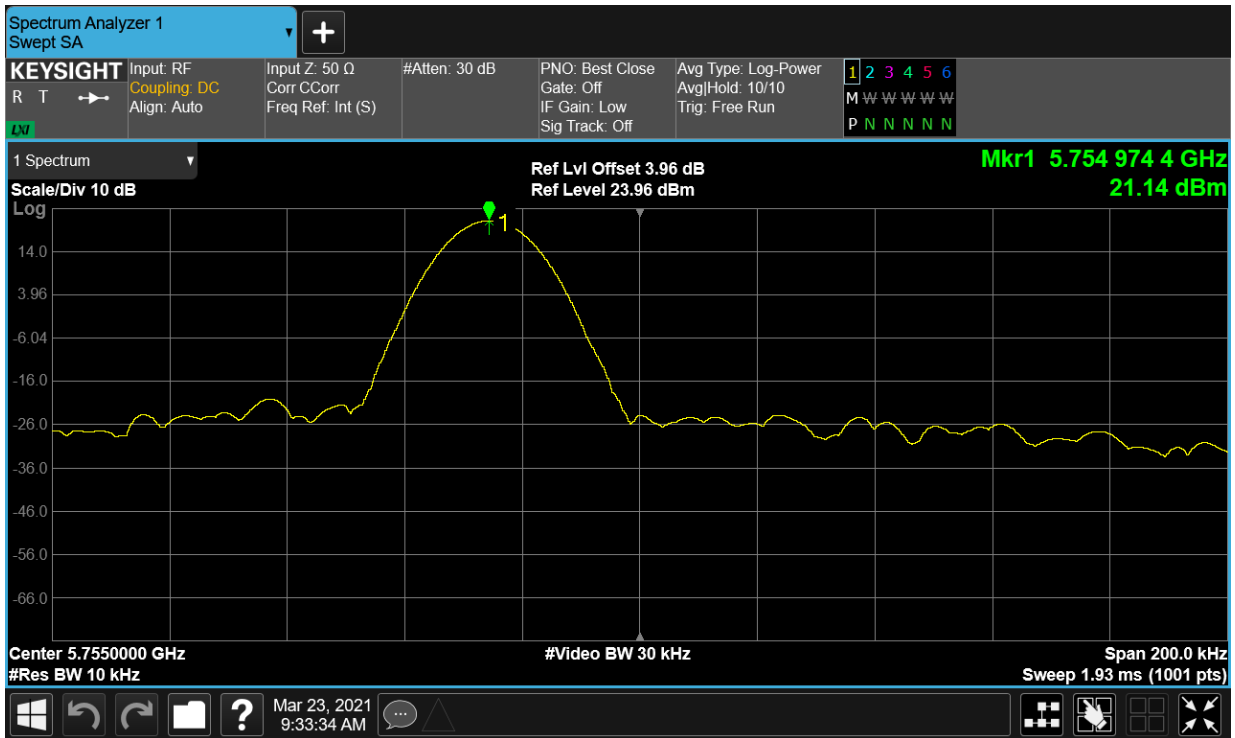
Freq. Stability HVLT n40 5755MHz Ant1



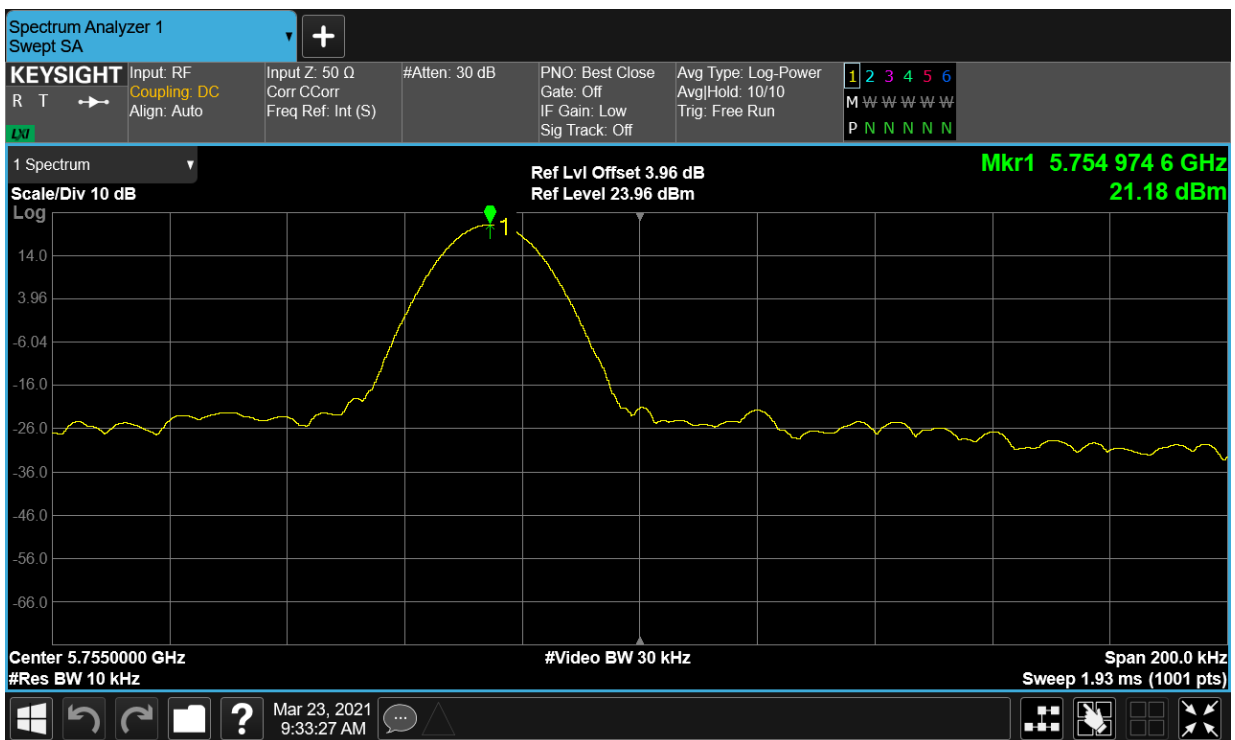
Freq. Stability LVHT n40 5755MHz Ant1



Freq. Stability LVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

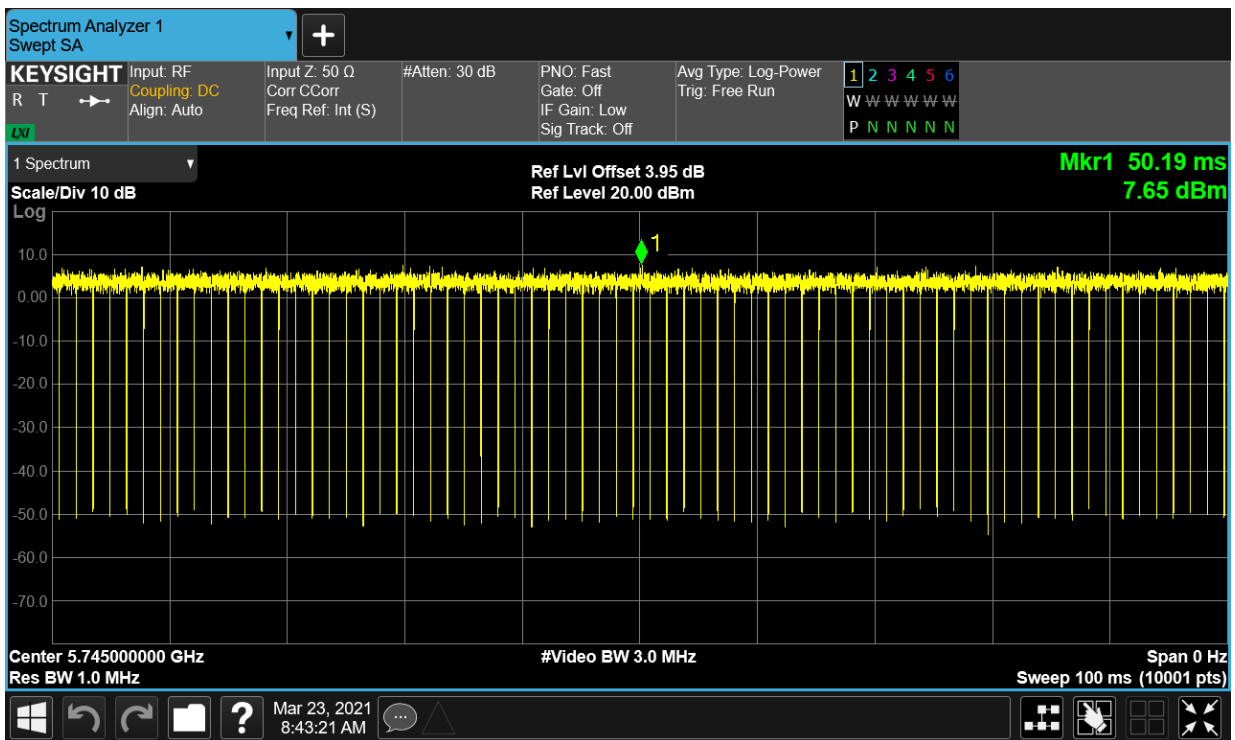


Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	97.74	0.1
NVNT	a	5785	Ant1	97.75	0.1
NVNT	a	5825	Ant1	97.77	0.1
NVNT	ac20	5745	Ant1	97.65	0.1

NVNT	ac20	5785	Ant1	97.66	0.1
NVNT	ac20	5825	Ant1	97.6	0.11
NVNT	ac40	5755	Ant1	95.38	0.21
NVNT	ac40	5795	Ant1	95.38	0.21
NVNT	ac80	5775	Ant1	91.29	0.4
NVNT	n20	5745	Ant1	97.63	0.1
NVNT	n20	5785	Ant1	97.59	0.11
NVNT	n20	5825	Ant1	97.6	0.11
NVNT	n40	5755	Ant1	95.38	0.21
NVNT	n40	5795	Ant1	95.34	0.21

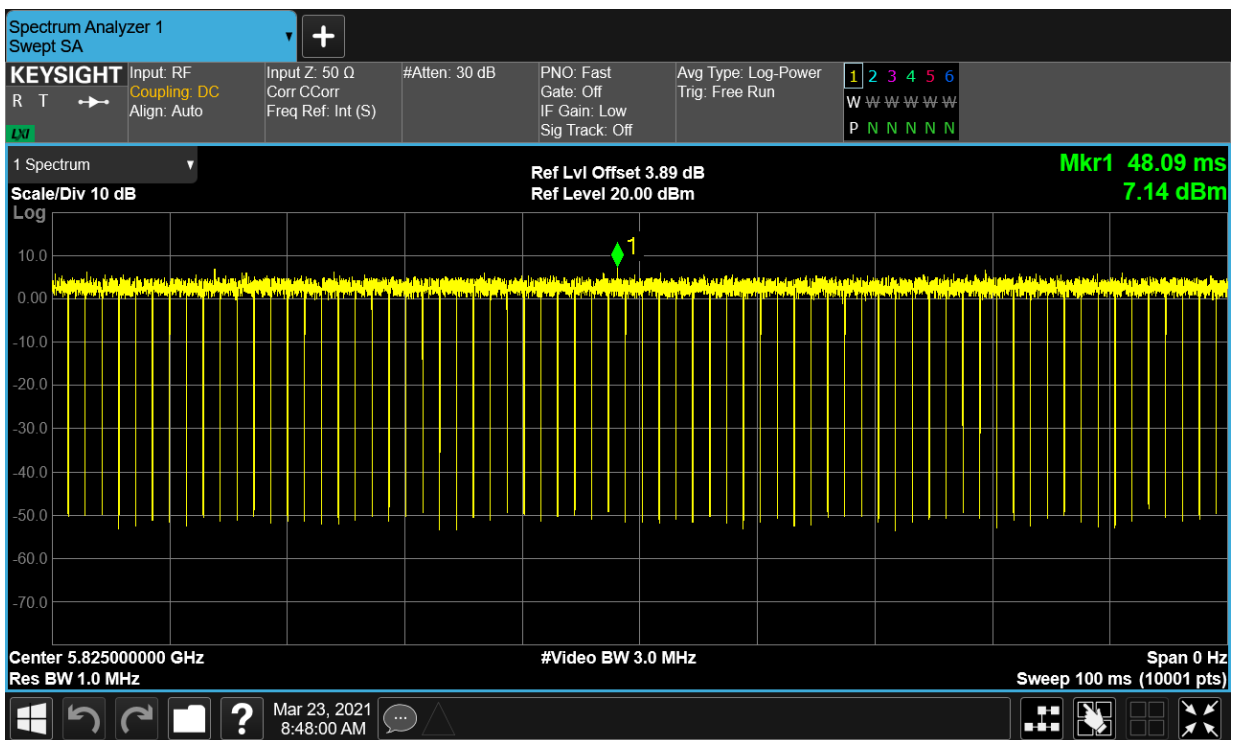
Duty Cycle NVNT a 5745MHz Ant1



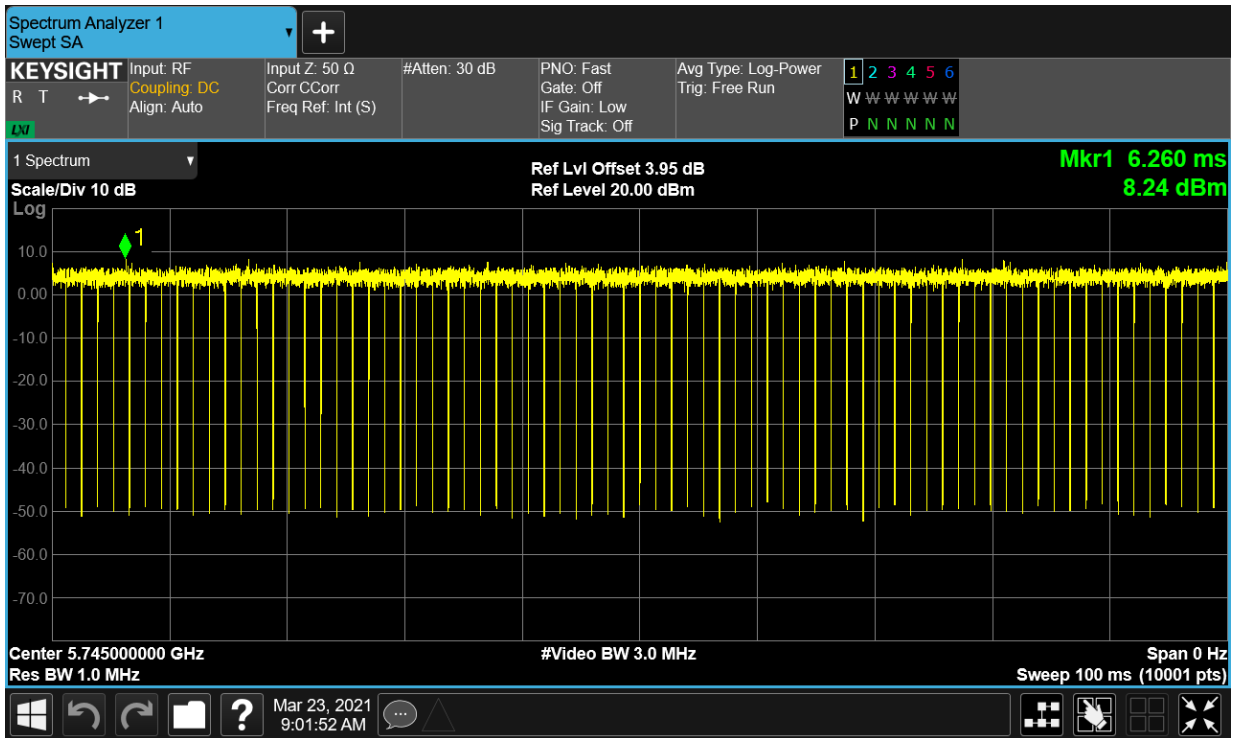
Duty Cycle NVNT a 5785MHz Ant1



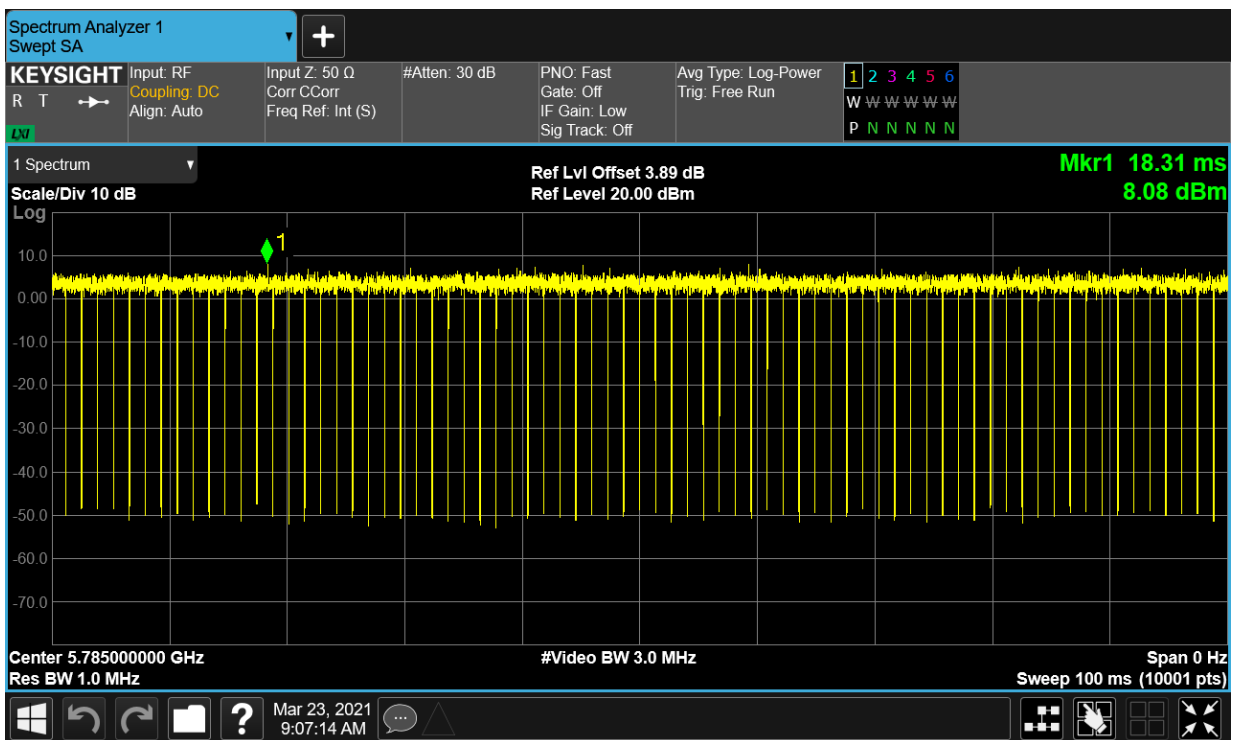
Duty Cycle NVNT a 5825MHz Ant1



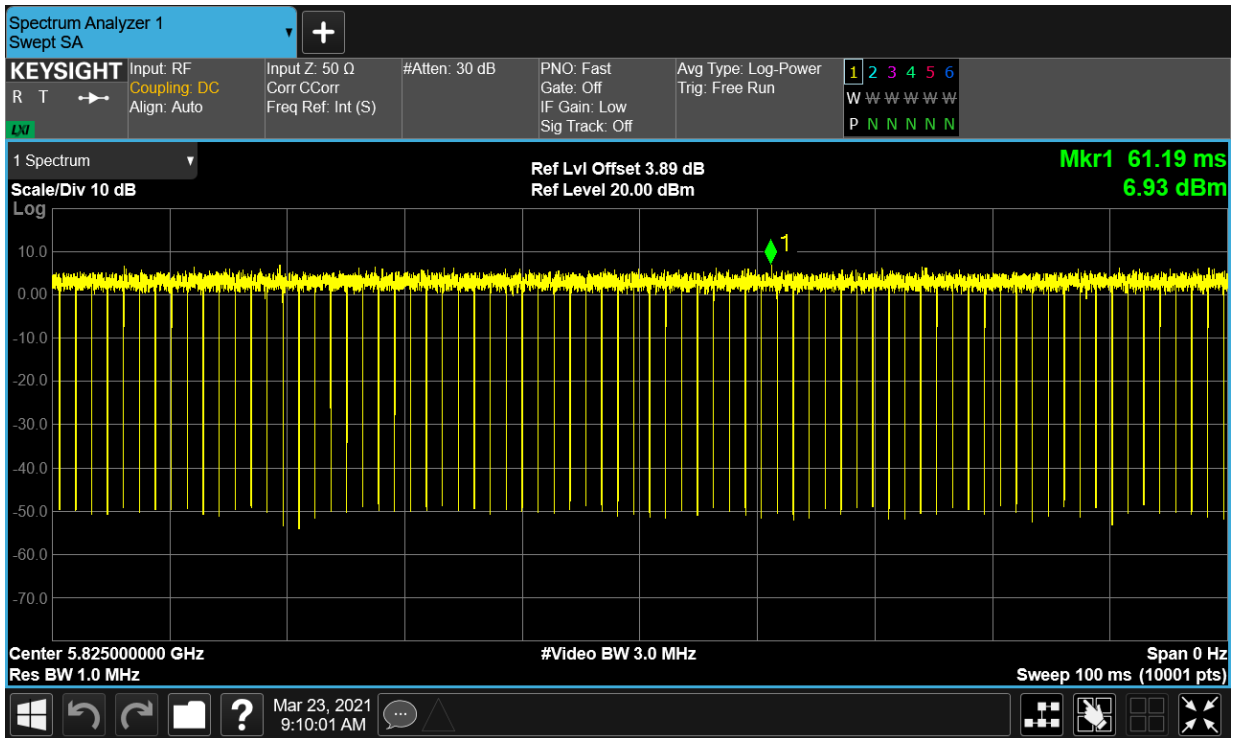
Duty Cycle NVNT ac20 5745MHz Ant1



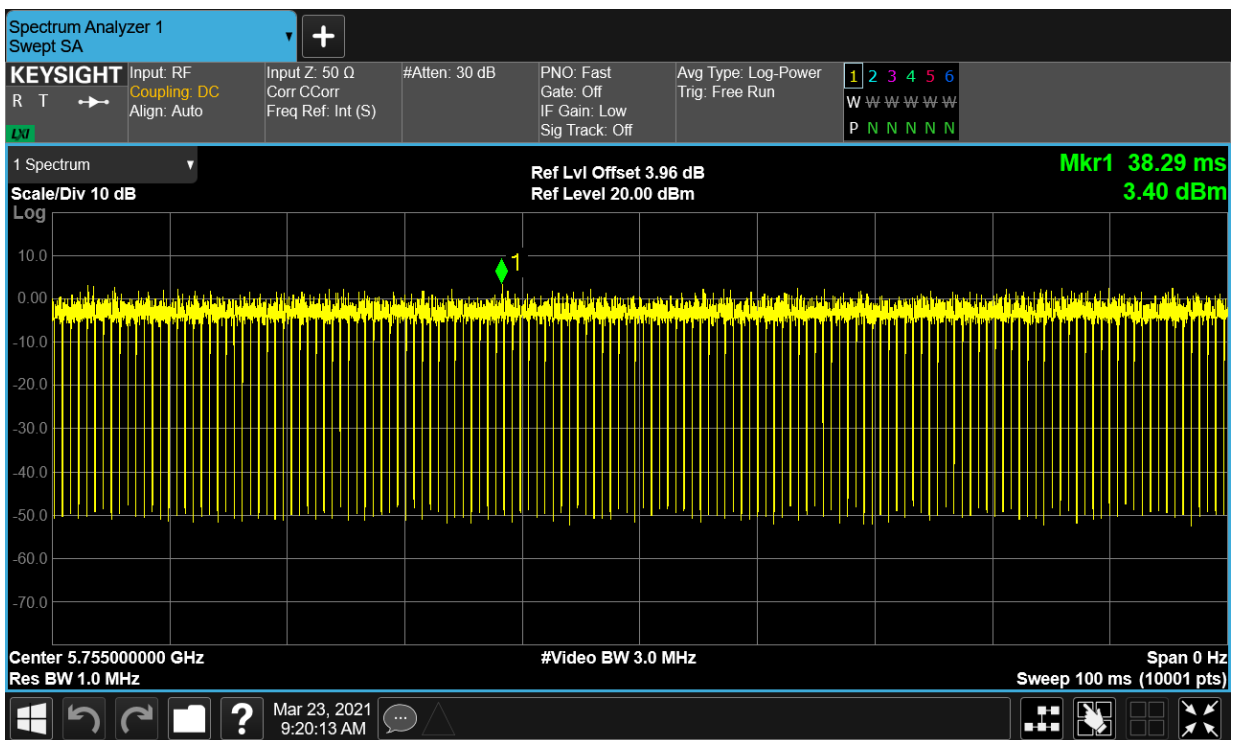
Duty Cycle NVNT ac20 5785MHz Ant1



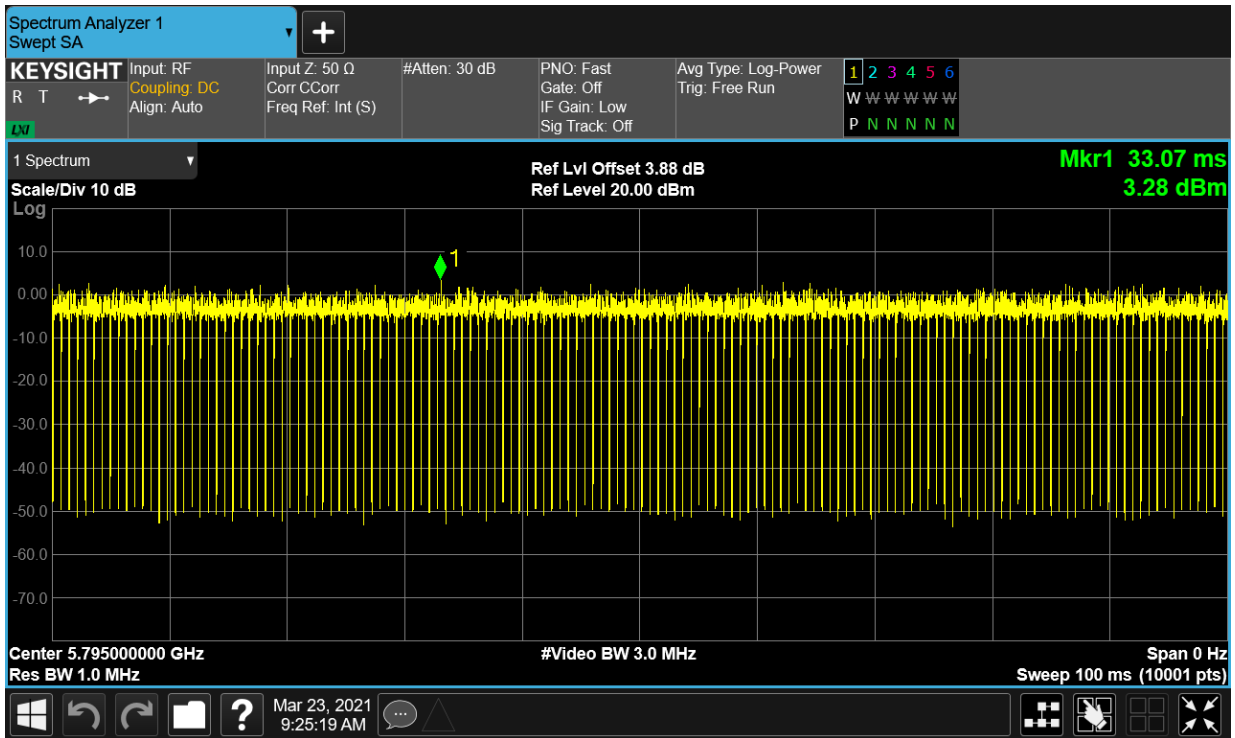
Duty Cycle NVNT ac20 5825MHz Ant1



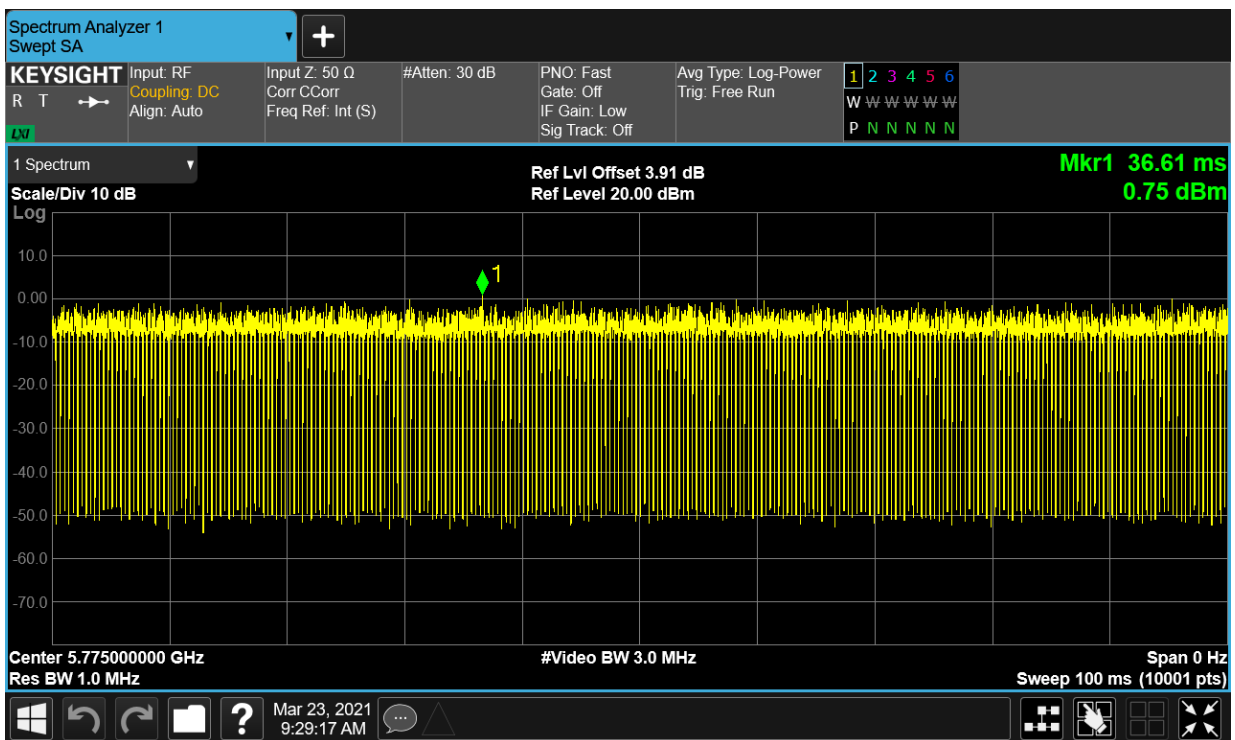
Duty Cycle NVNT ac40 5755MHz Ant1



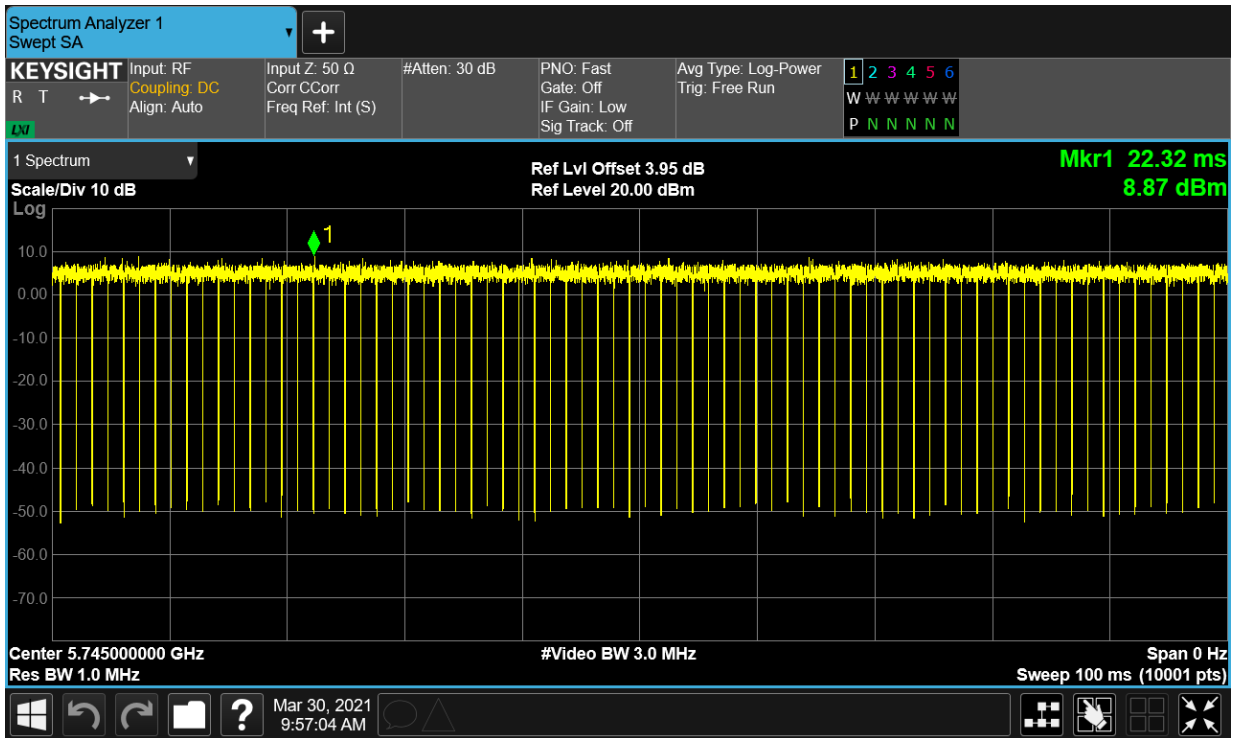
Duty Cycle NVNT ac40 5795MHz Ant1



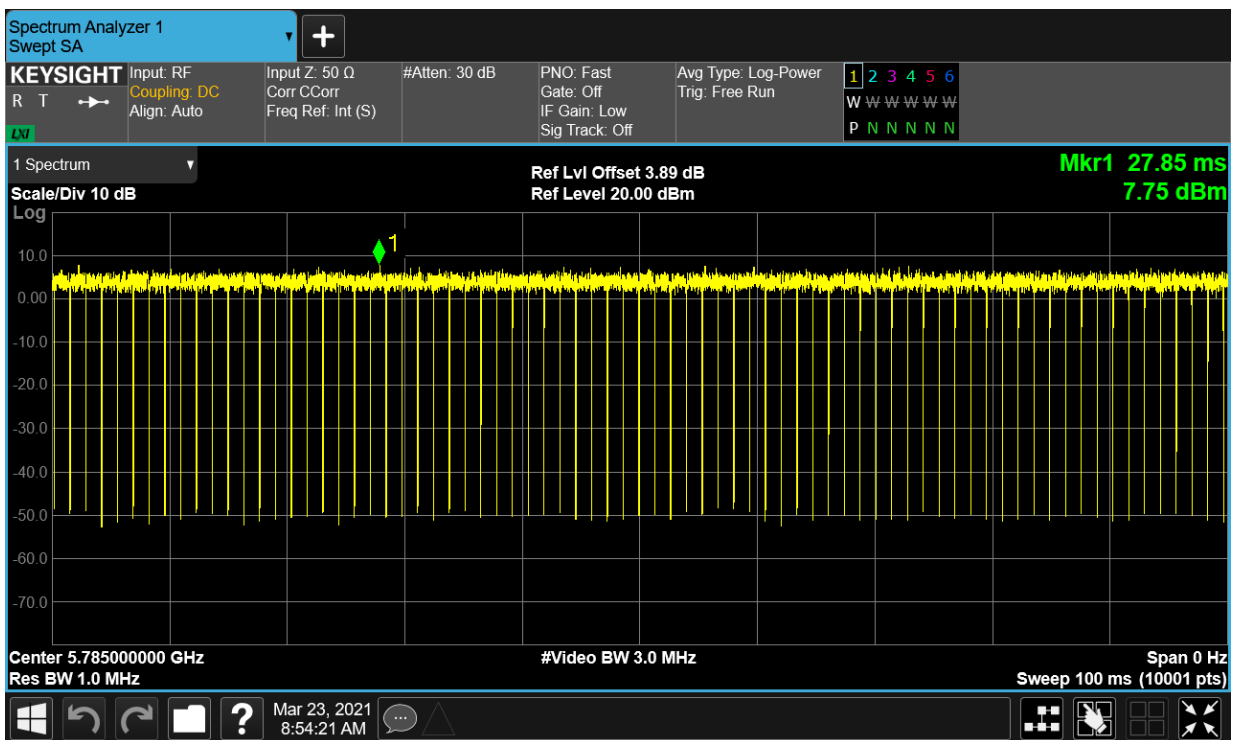
Duty Cycle NVNT ac80 5775MHz Ant1



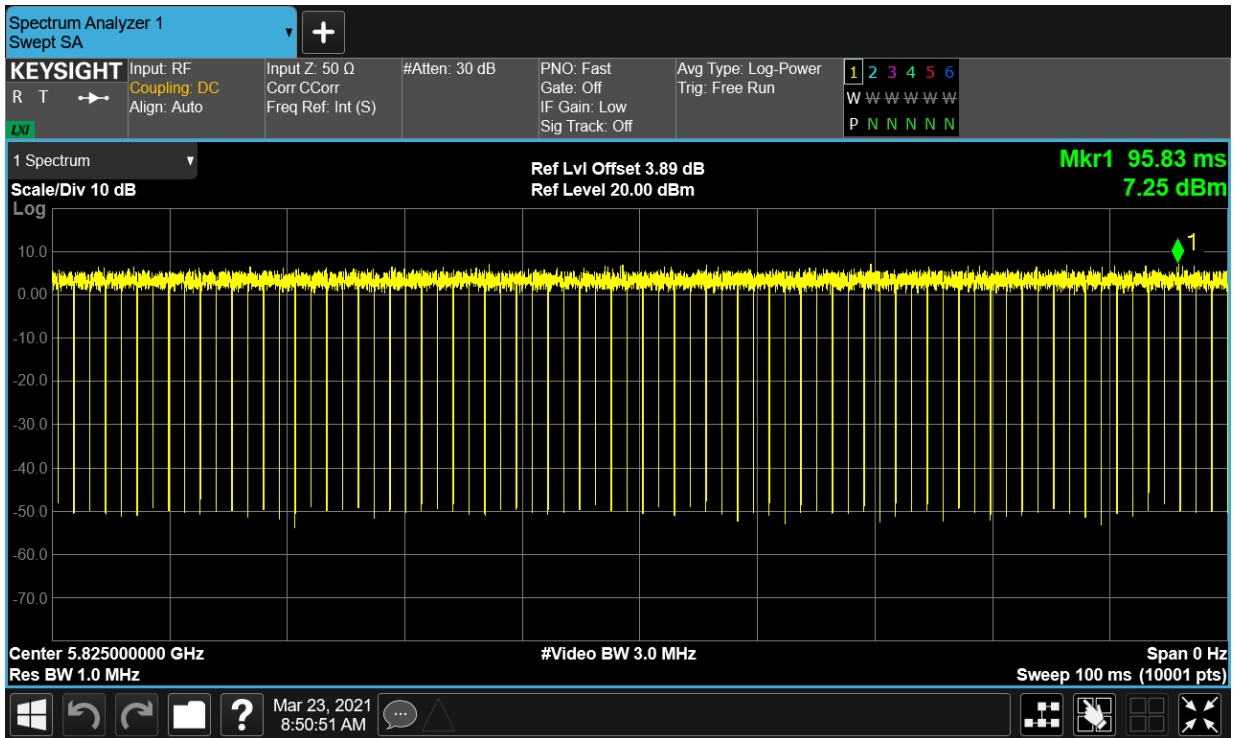
Duty Cycle NVNT n20 5745MHz Ant1



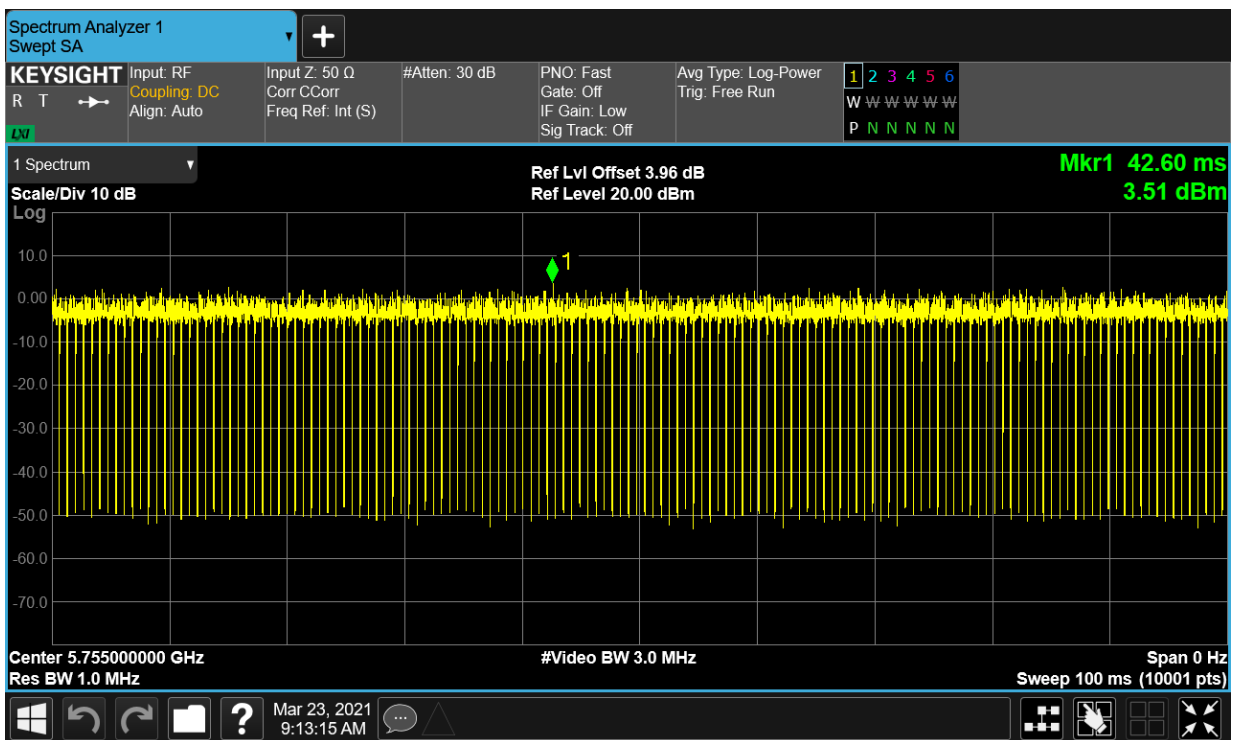
Duty Cycle NVNT n20 5785MHz Ant1



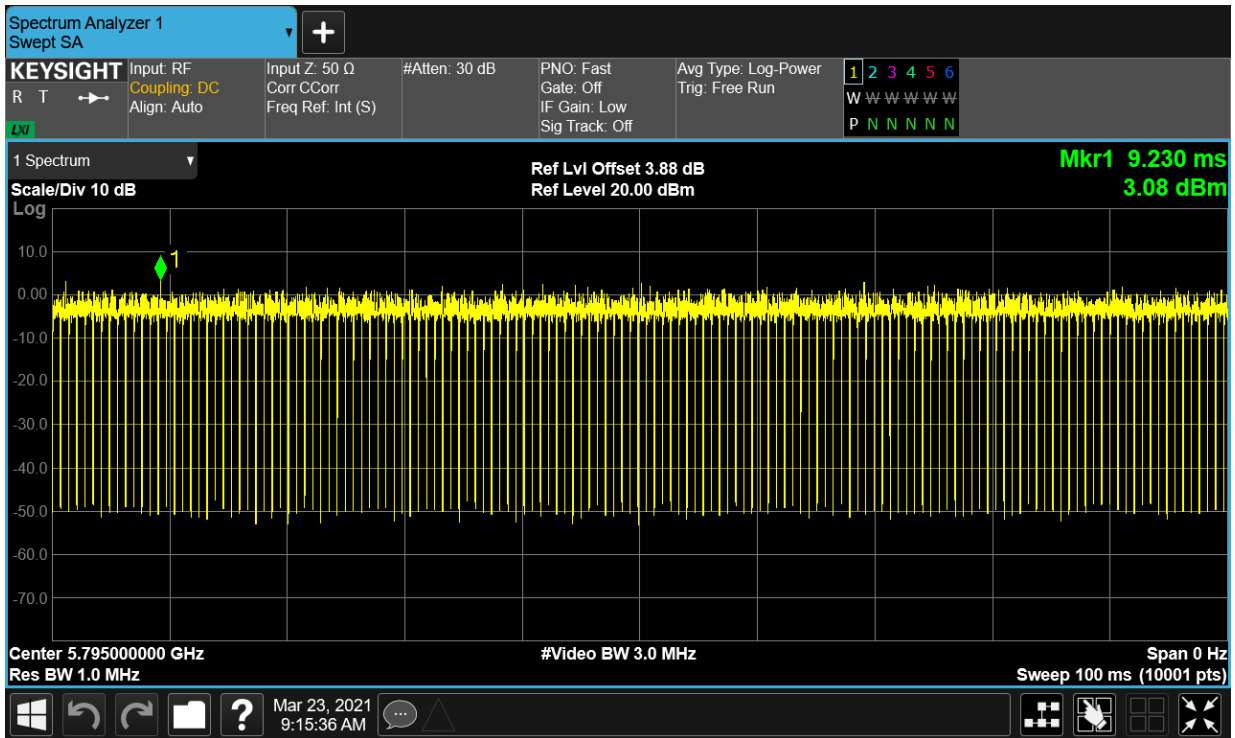
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

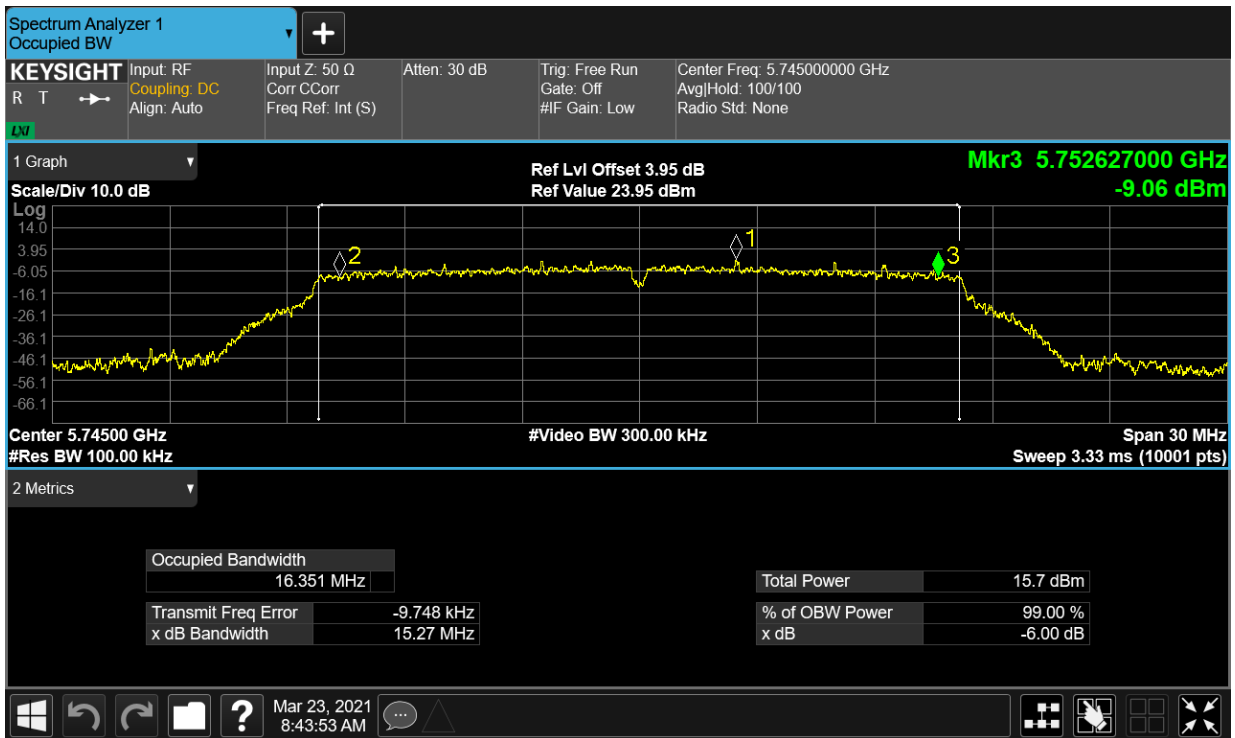
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.12	0.1	11.22	30	Pass
NVNT	a	5785	Ant1	10.94	0.1	11.04	30	Pass
NVNT	a	5825	Ant1	10.87	0.1	10.97	30	Pass
NVNT	ac20	5745	Ant1	11.11	0.1	11.21	30	Pass
NVNT	ac20	5785	Ant1	10.34	0.1	10.44	30	Pass
NVNT	ac20	5825	Ant1	10.4	0.11	10.51	30	Pass
NVNT	ac40	5755	Ant1	10.27	0	10.27	30	Pass
NVNT	ac40	5795	Ant1	10.52	0	10.52	30	Pass
NVNT	ac80	5775	Ant1	10.39	0	10.39	30	Pass
NVNT	n20	5745	Ant1	11.79	0.1	11.89	30	Pass
NVNT	n20	5785	Ant1	10.95	0.11	11.06	30	Pass
NVNT	n20	5825	Ant1	10.9	0.11	11.01	30	Pass
NVNT	n40	5755	Ant1	10.4	0	10.4	30	Pass
NVNT	n40	5795	Ant1	10.5	0.21	10.71	30	Pass

-6dB Bandwidth

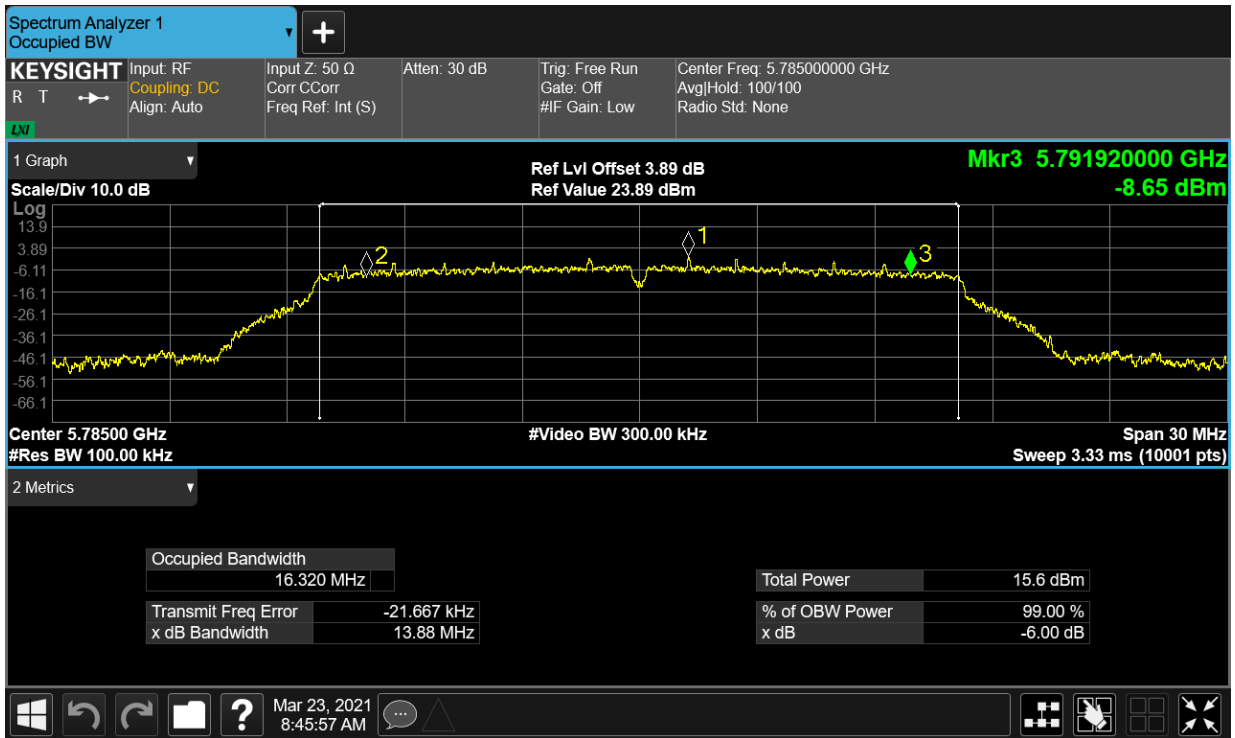
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.274	0.5	Pass
NVNT	a	5785	Ant1	13.883	0.5	Pass
NVNT	a	5825	Ant1	15.023	0.5	Pass
NVNT	ac20	5745	Ant1	16.658	0.5	Pass
NVNT	ac20	5785	Ant1	14.447	0.5	Pass

NVNT	ac20	5825	Ant1	15.079	0.5	Pass
NVNT	ac40	5755	Ant1	32.535	0.5	Pass
NVNT	ac40	5795	Ant1	35.078	0.5	Pass
NVNT	ac80	5775	Ant1	75.112	0.5	Pass
NVNT	n20	5745	Ant1	15.393	0.5	Pass
NVNT	n20	5785	Ant1	14.751	0.5	Pass
NVNT	n20	5825	Ant1	14.193	0.5	Pass
NVNT	n40	5755	Ant1	35.084	0.5	Pass
NVNT	n40	5795	Ant1	35.1	0.5	Pass

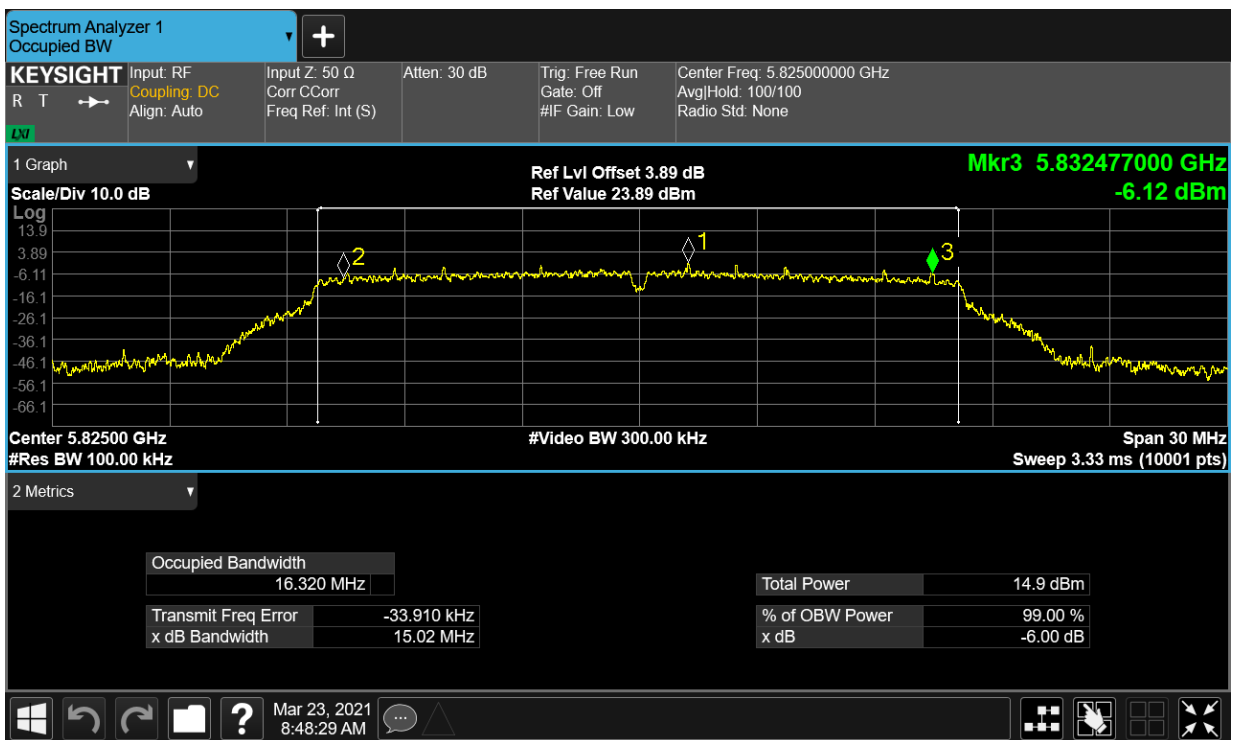
-6dB Bandwidth NVNT a 5745MHz Ant1



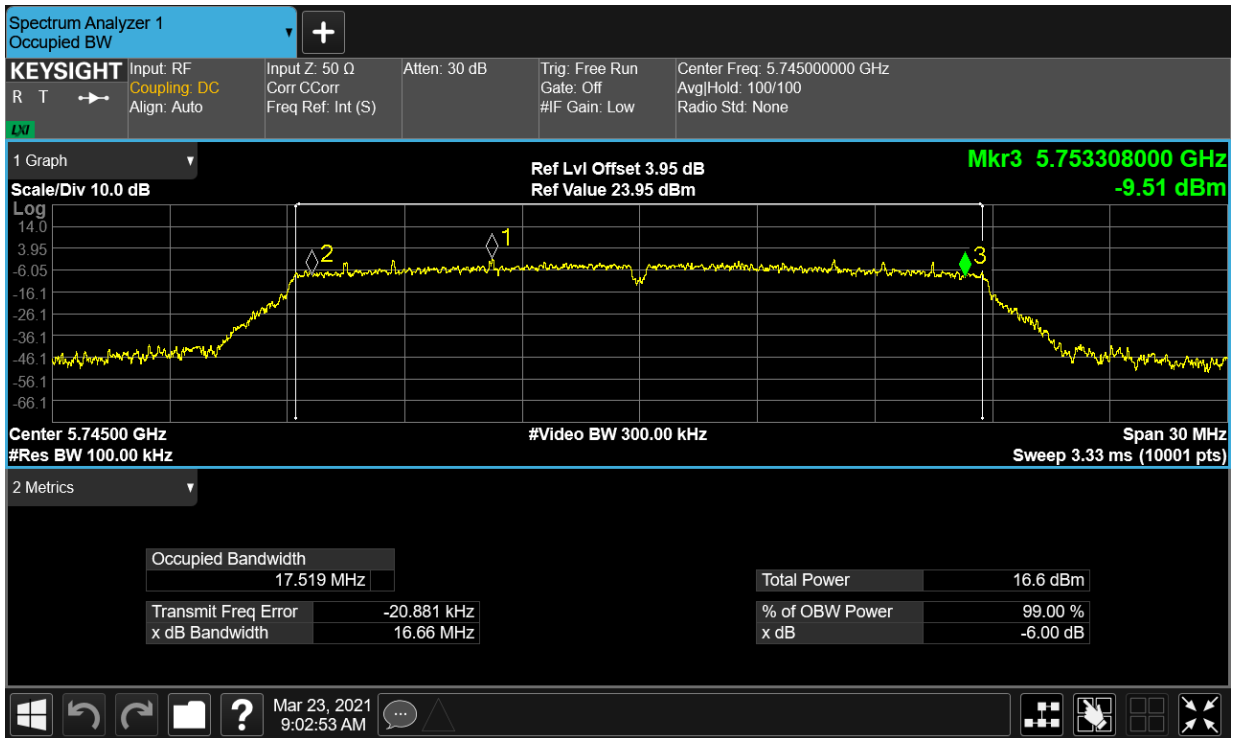
-6dB Bandwidth NVNT a 5785MHz Ant1



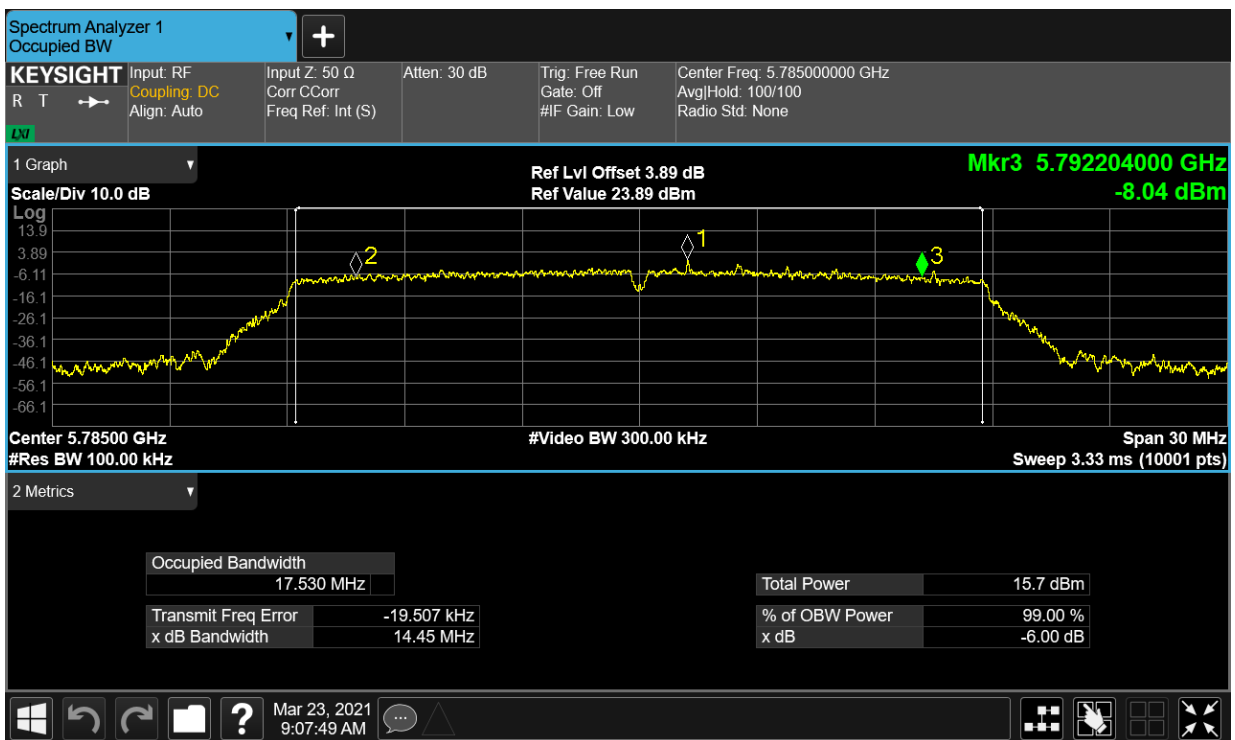
-6dB Bandwidth NVNT a 5825MHz Ant1



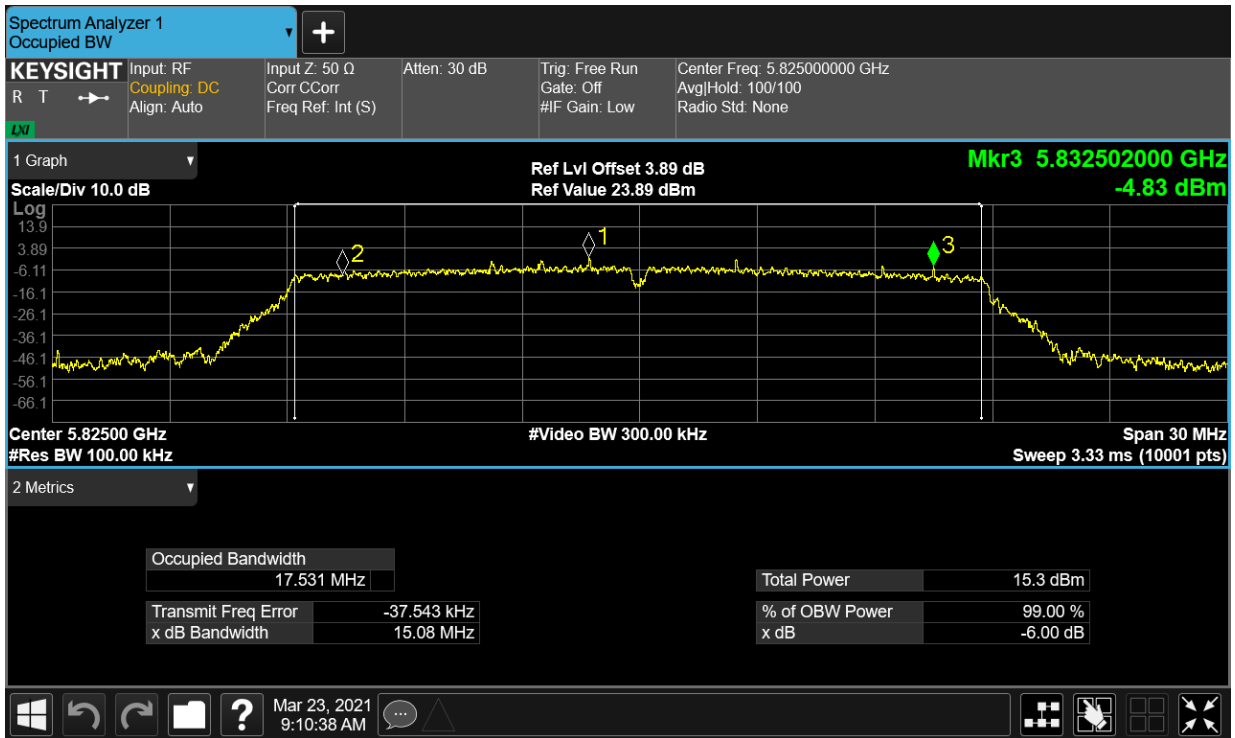
-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



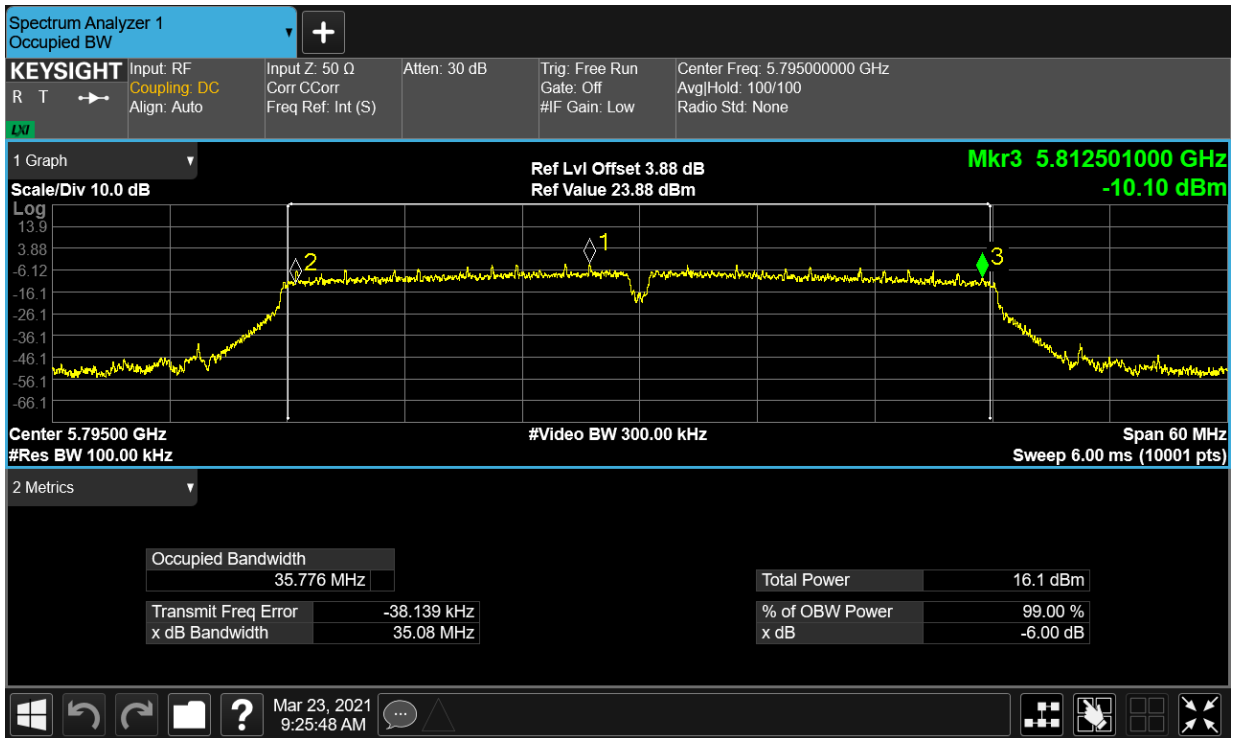
-6dB Bandwidth NVNT ac20 5825MHz Ant1



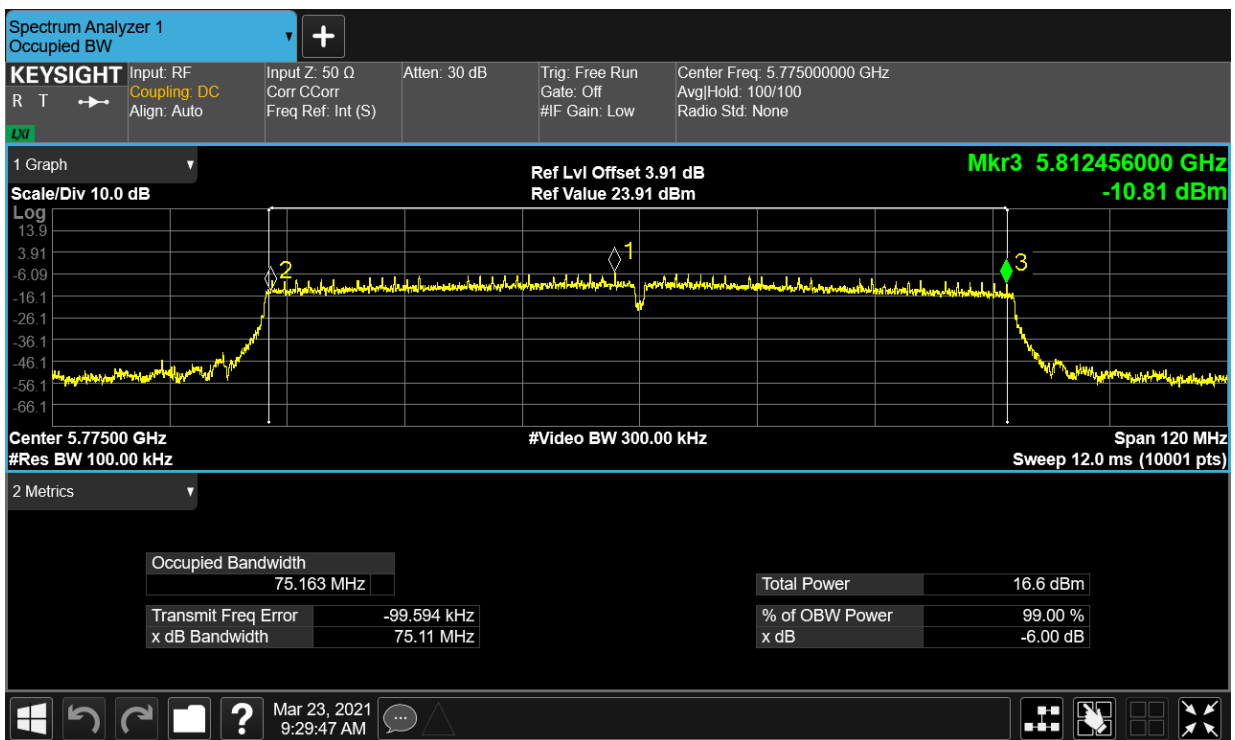
-6dB Bandwidth NVNT ac40 5755MHz Ant1



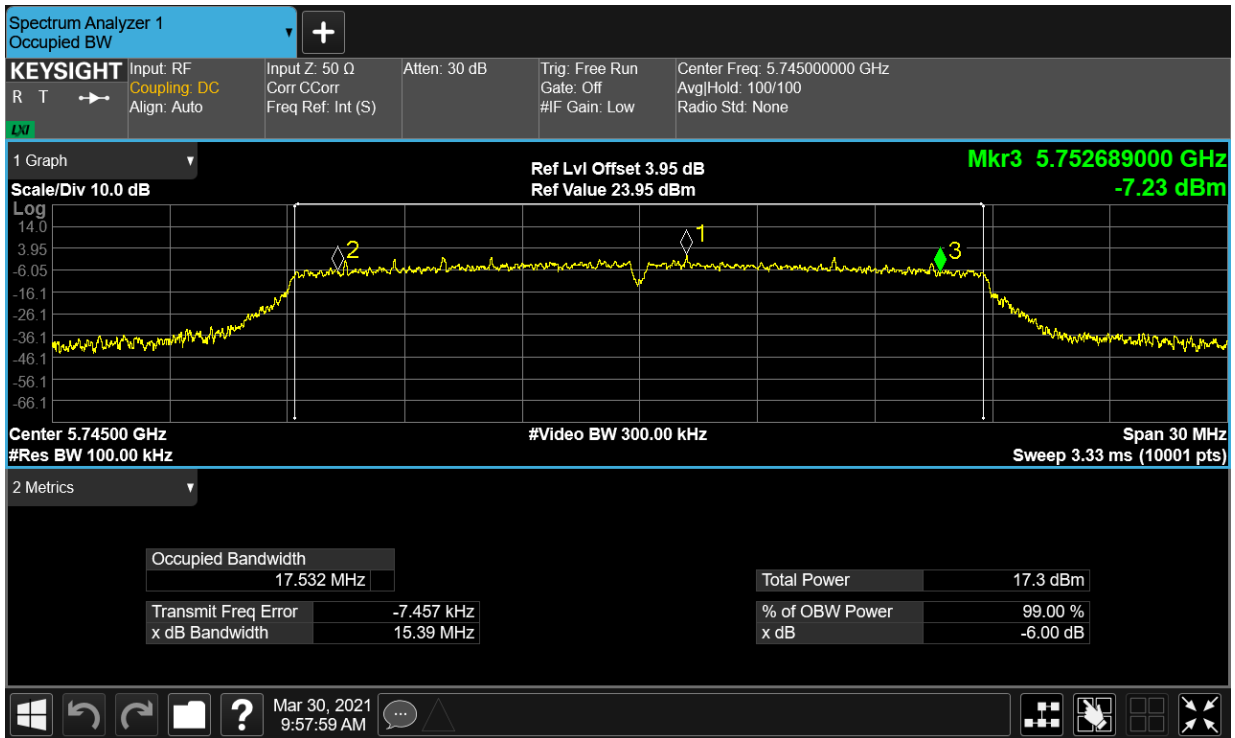
-6dB Bandwidth NVNT ac40 5795MHz Ant1



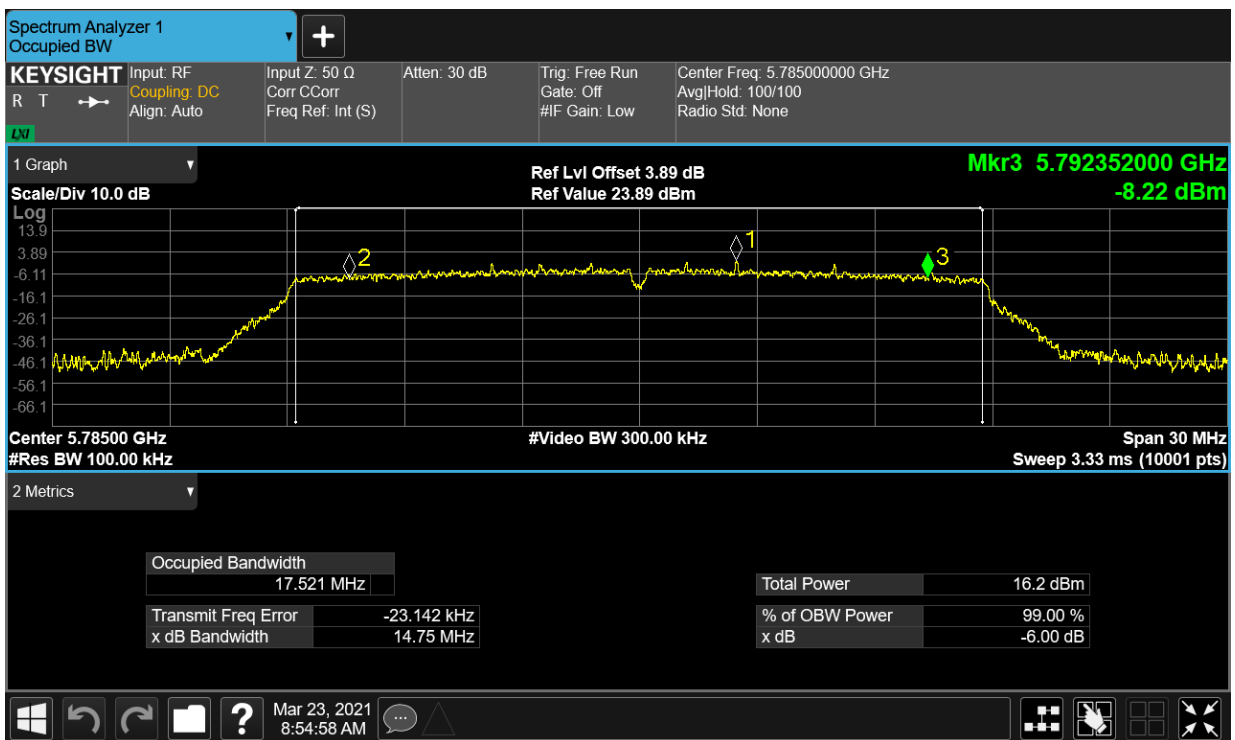
-6dB Bandwidth NVNT ac80 5775MHz Ant1



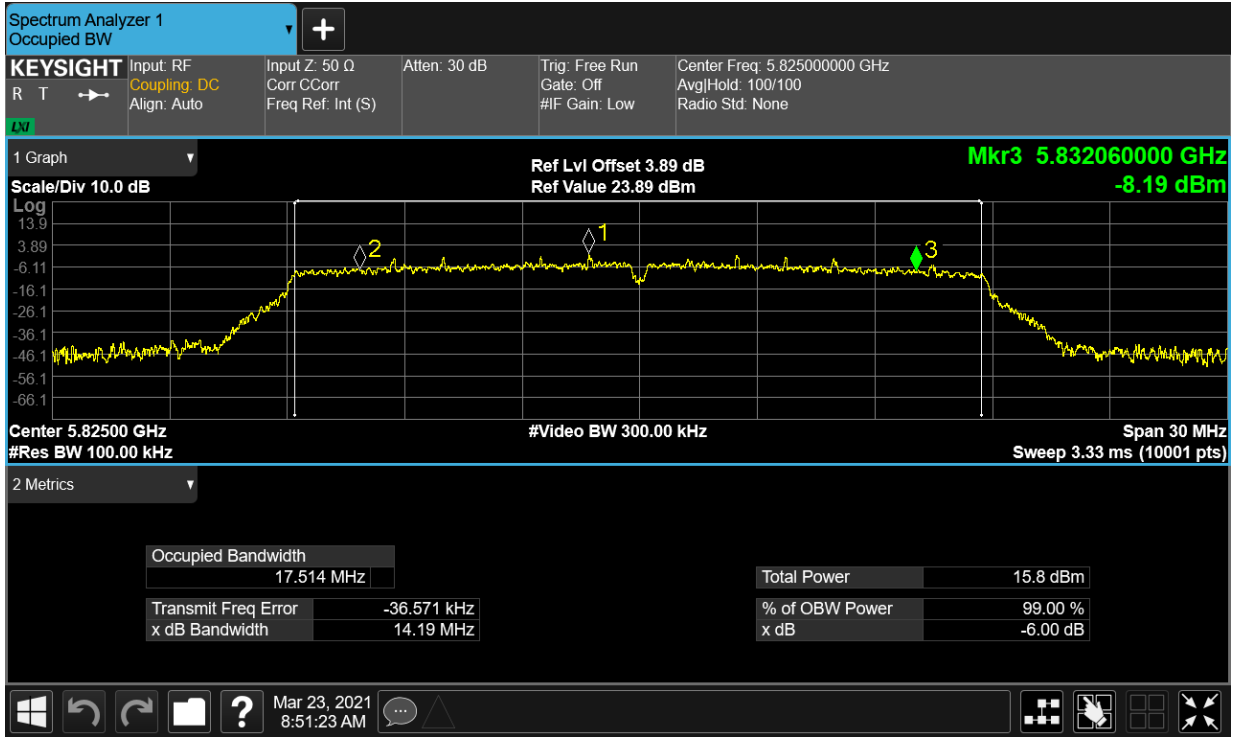
-6dB Bandwidth NVNT n20 5745MHz Ant1



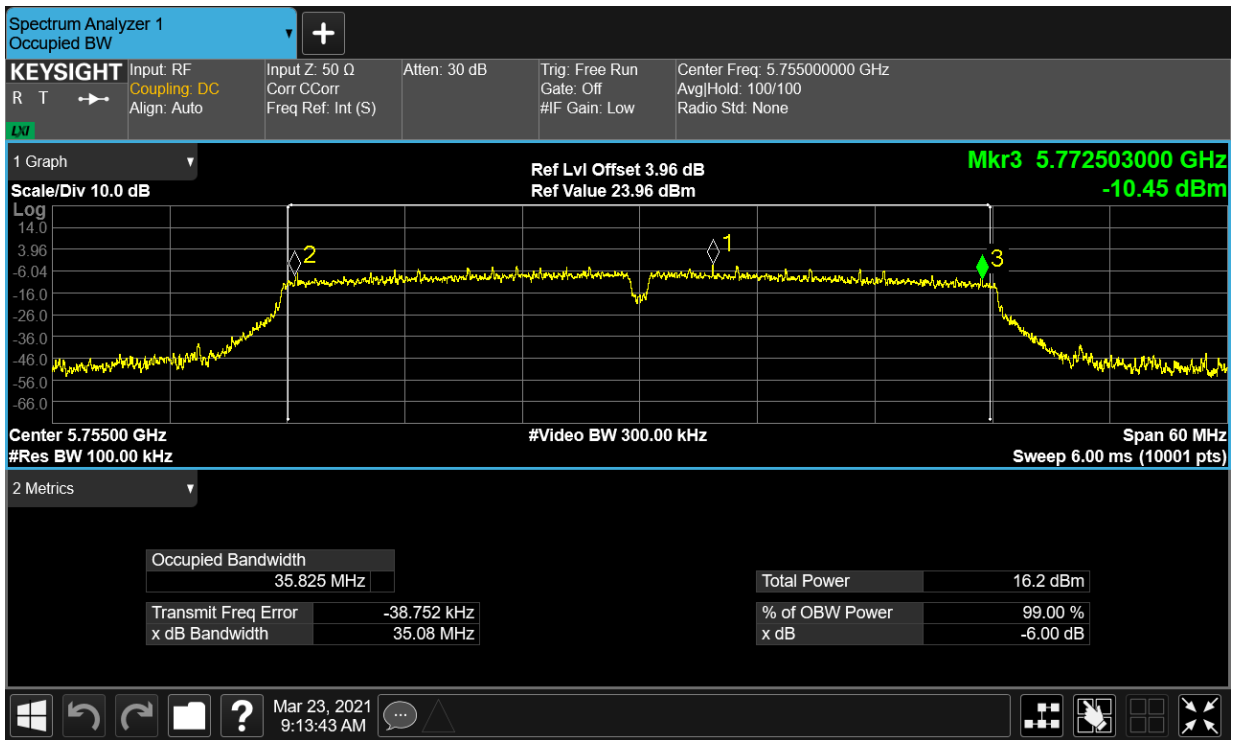
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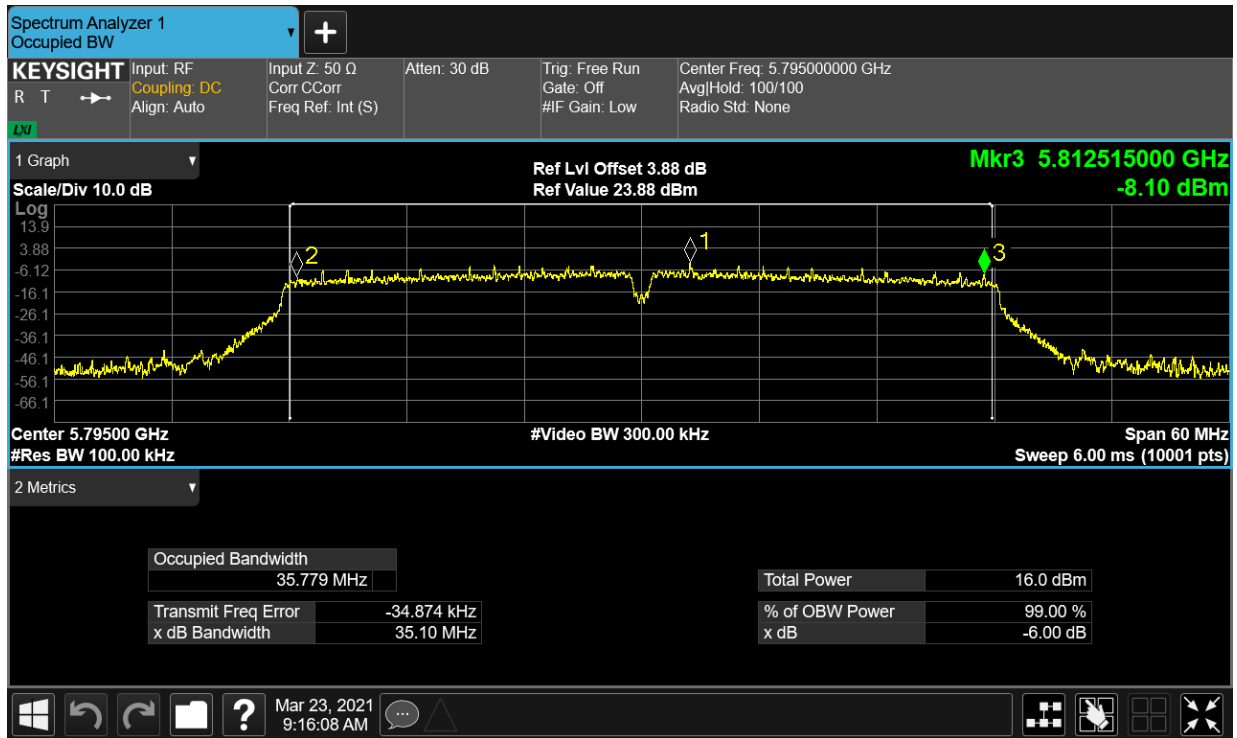
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



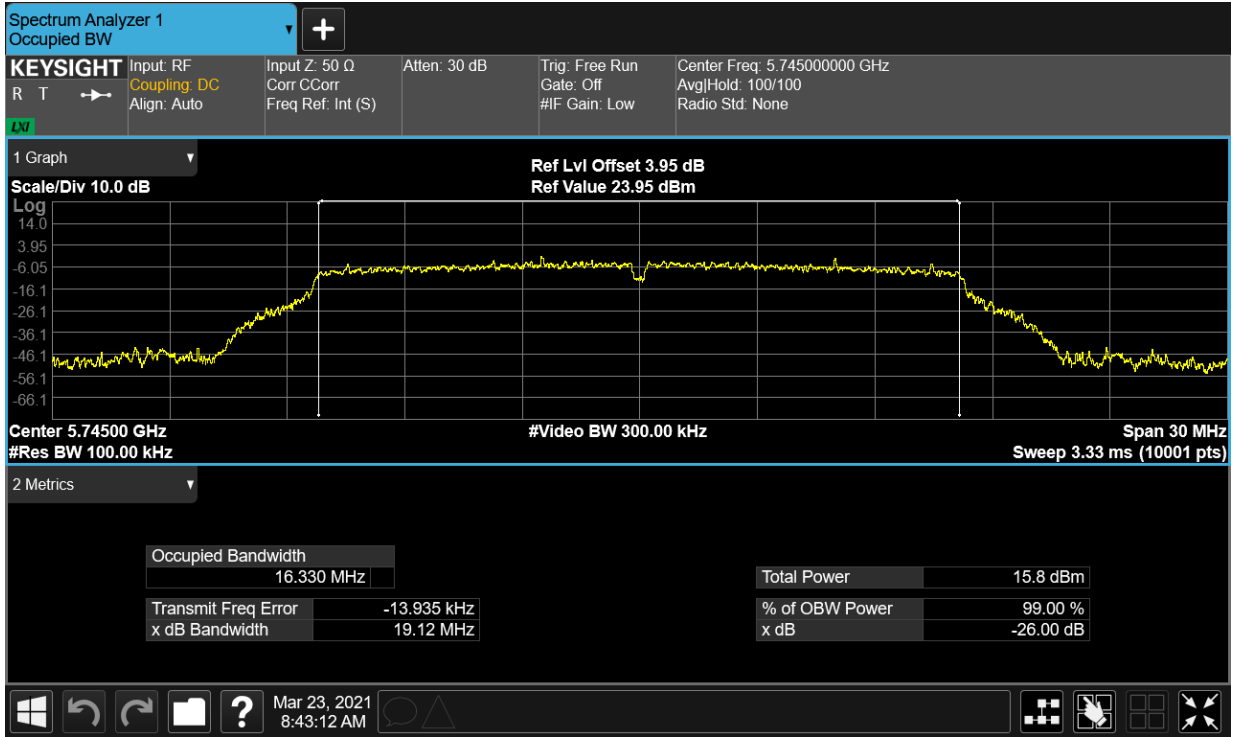
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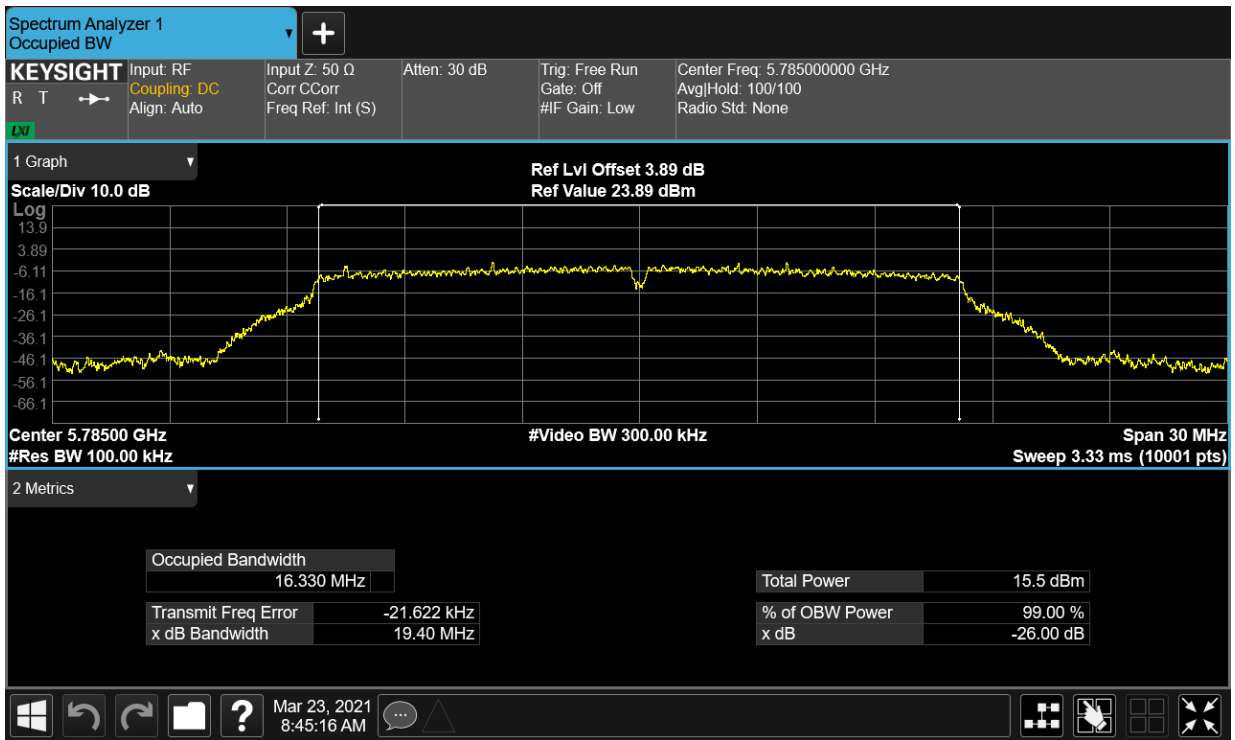
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.33021991
NVNT	a	5785	Ant1	16.32986561
NVNT	a	5825	Ant1	16.33852689
NVNT	ac20	5745	Ant1	17.52196624
NVNT	ac20	5785	Ant1	17.5060483
NVNT	ac20	5825	Ant1	17.51312465
NVNT	ac40	5755	Ant1	35.77498671
NVNT	ac40	5795	Ant1	35.79599438
NVNT	ac80	5775	Ant1	75.1332225
NVNT	n20	5745	Ant1	17.55322679
NVNT	n20	5785	Ant1	17.52466507
NVNT	n20	5825	Ant1	17.52729997
NVNT	n40	5755	Ant1	35.78648551
NVNT	n40	5795	Ant1	35.8294778

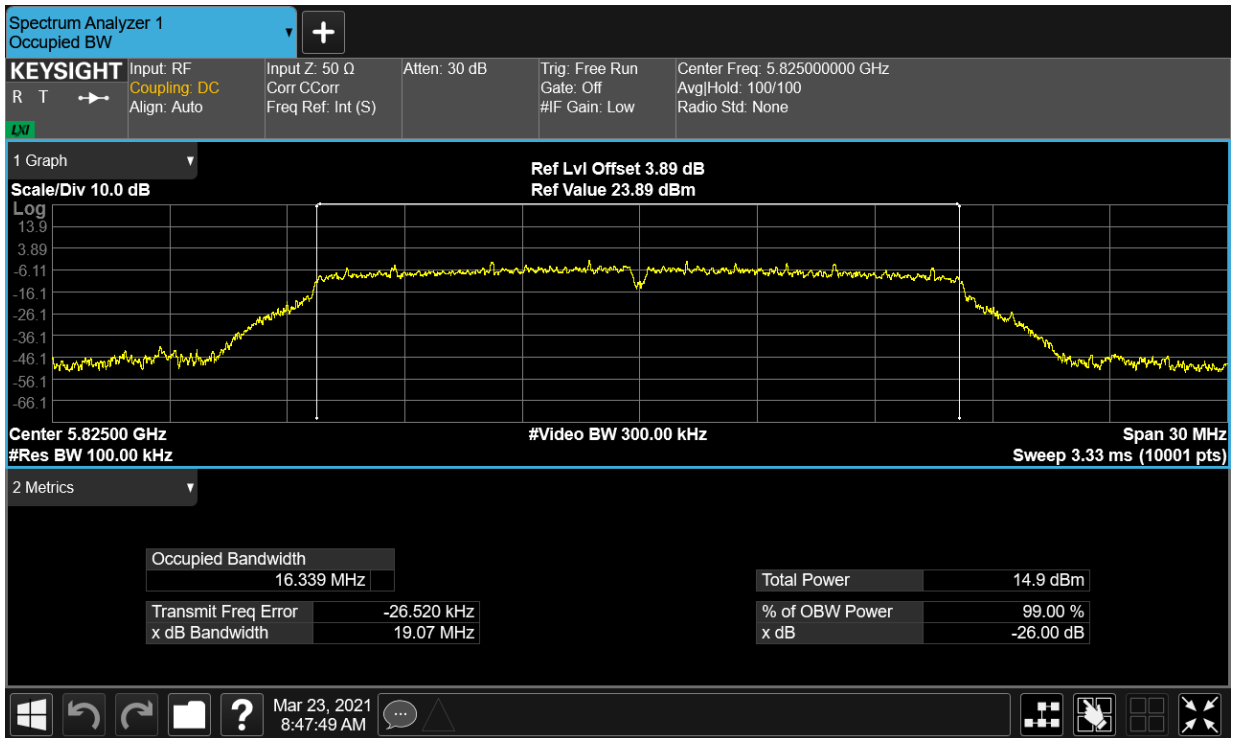
OBW NVNT a 5745MHz Ant1



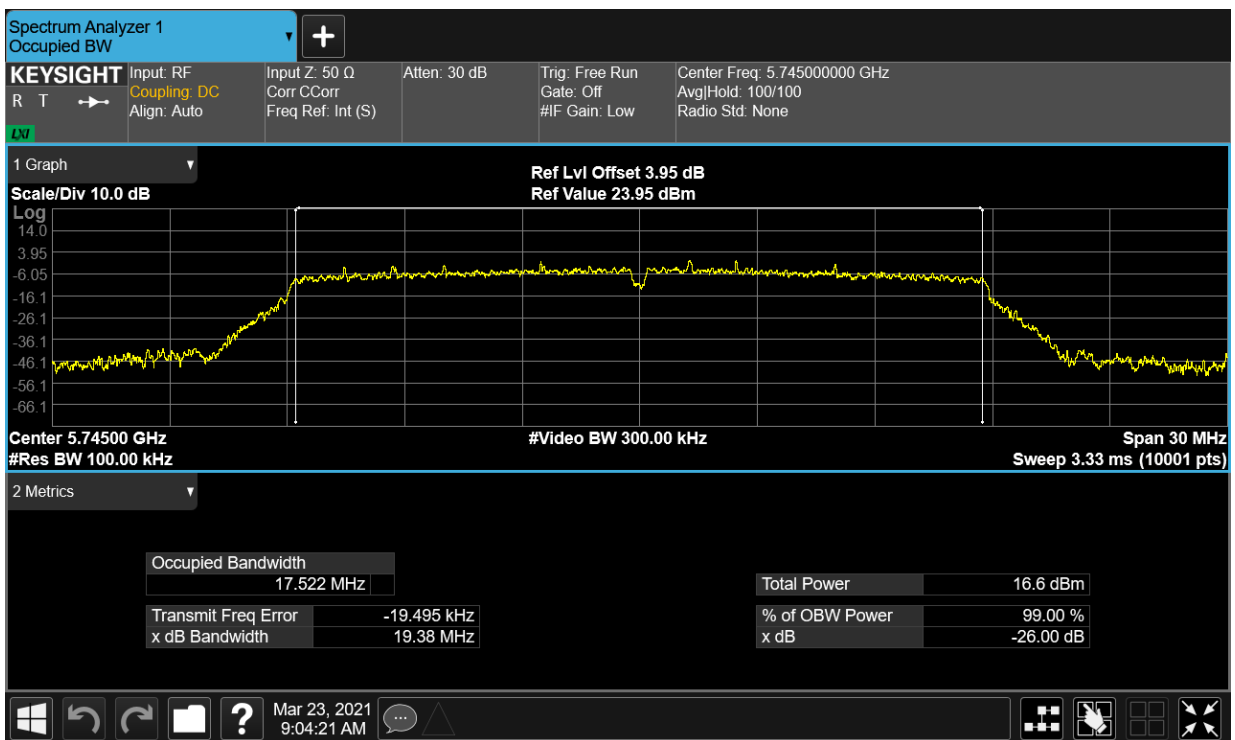
OBW NVNT a 5785MHz Ant1



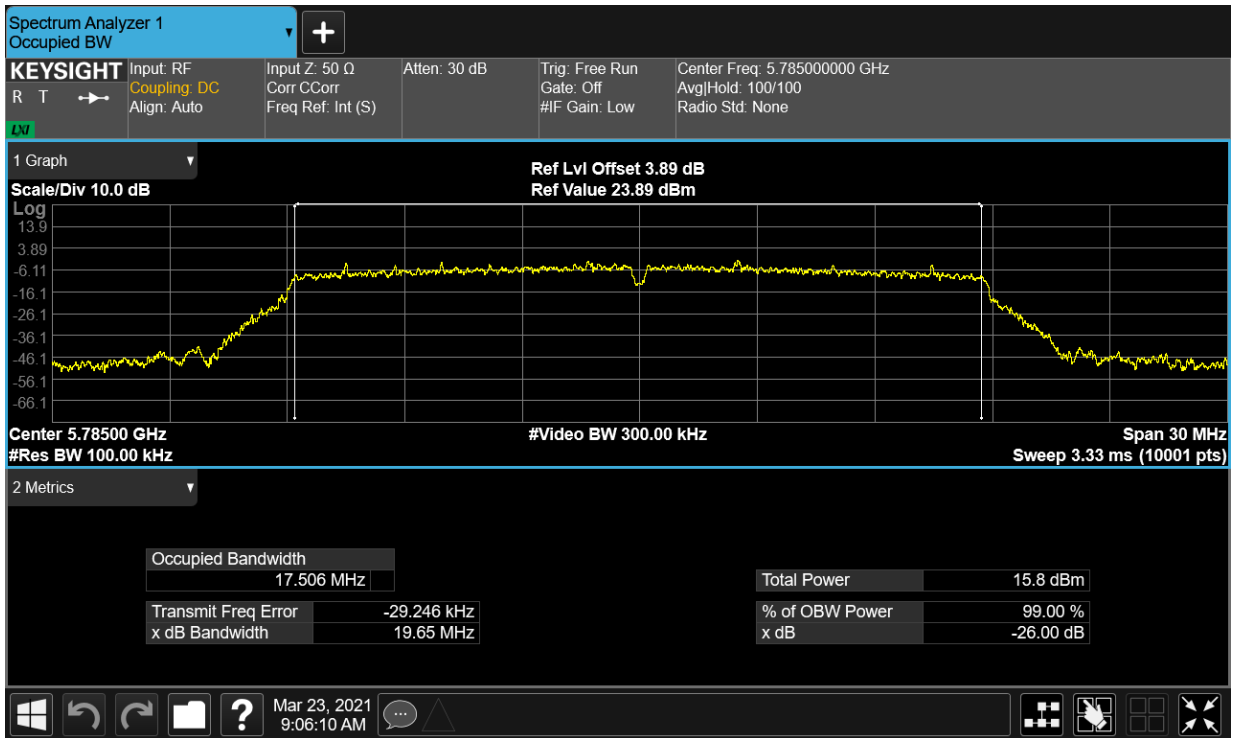
OBW NVNT a 5825MHz Ant1



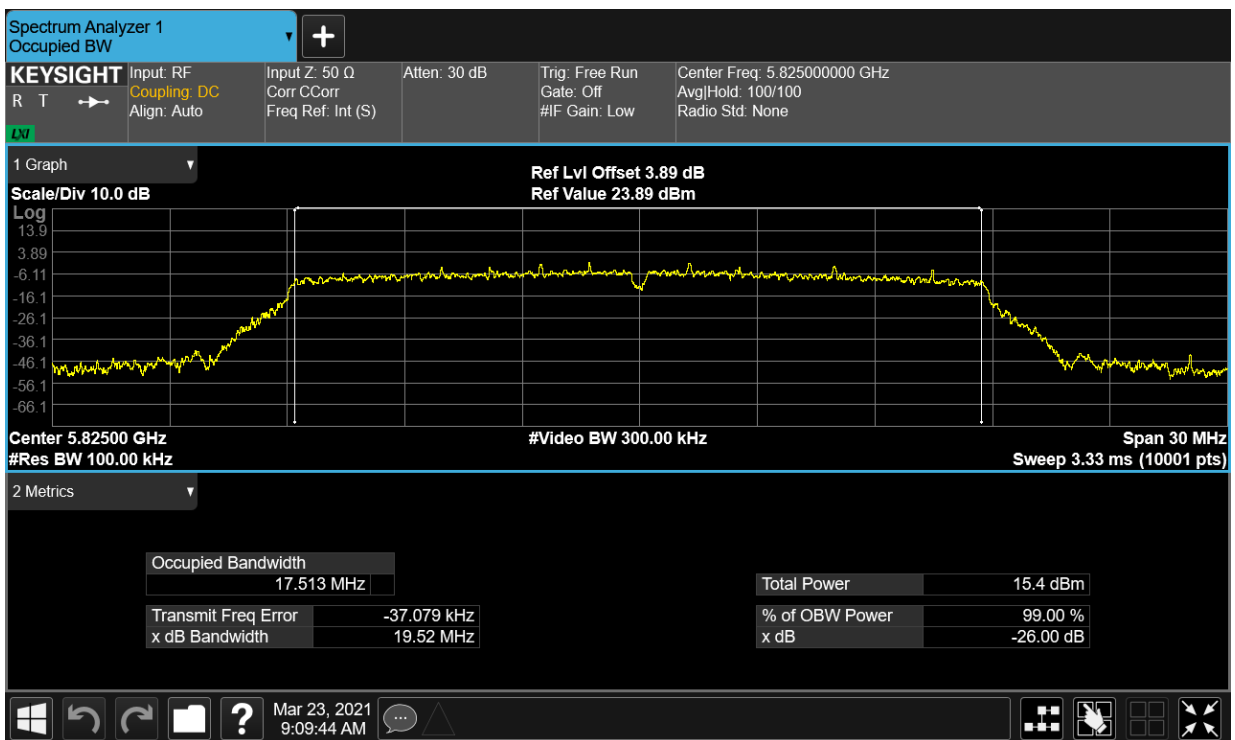
OBW NVNT ac20 5745MHz Ant1



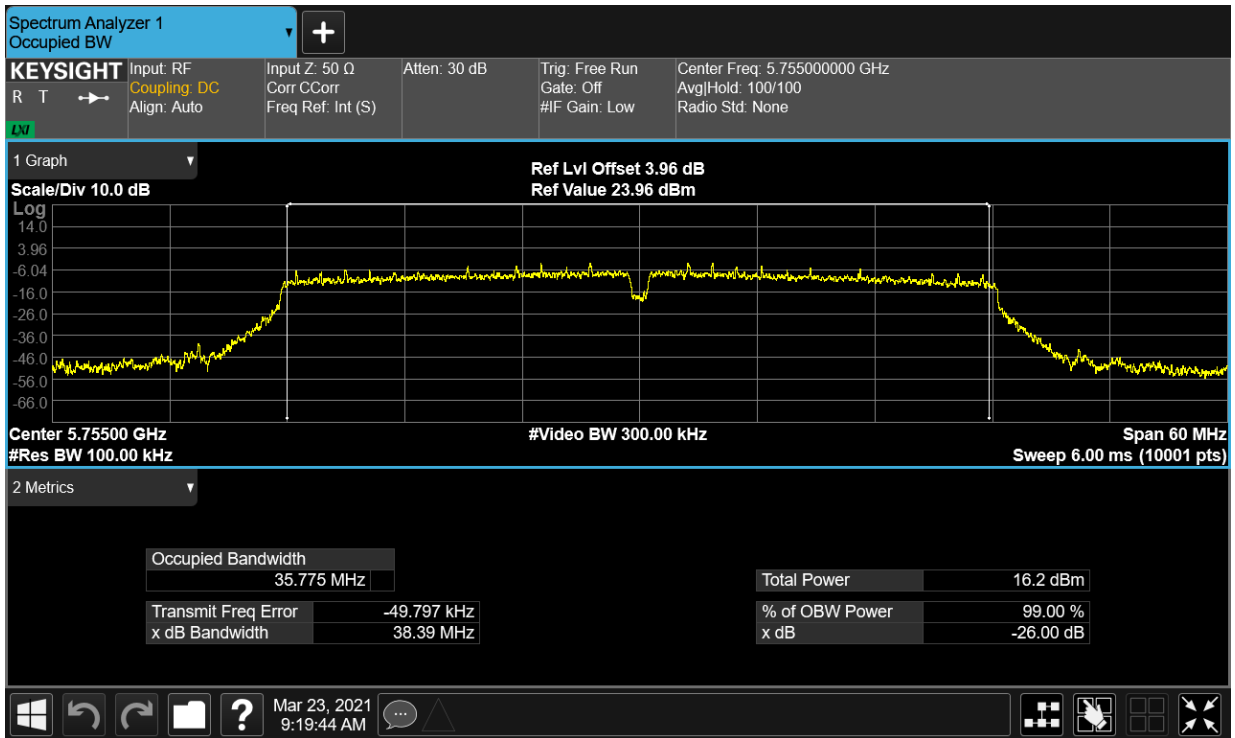
OBW NVNT ac20 5785MHz Ant1



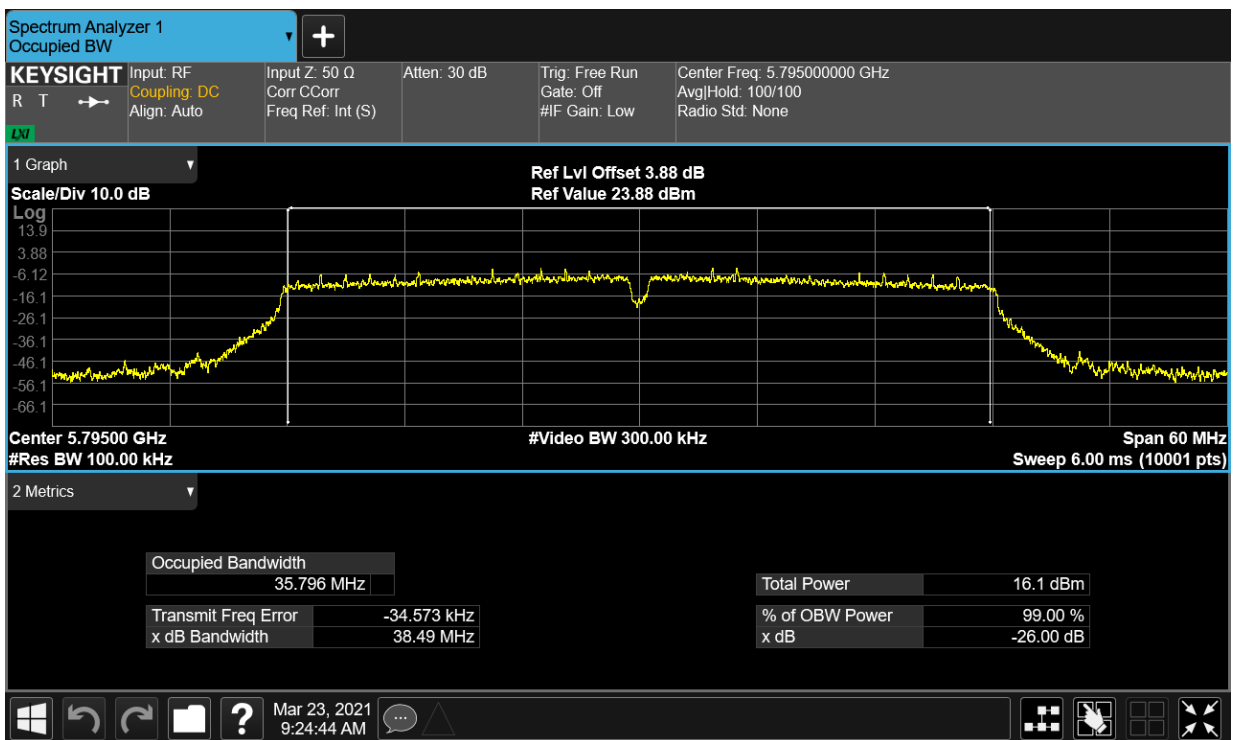
OBW NVNT ac20 5825MHz Ant1



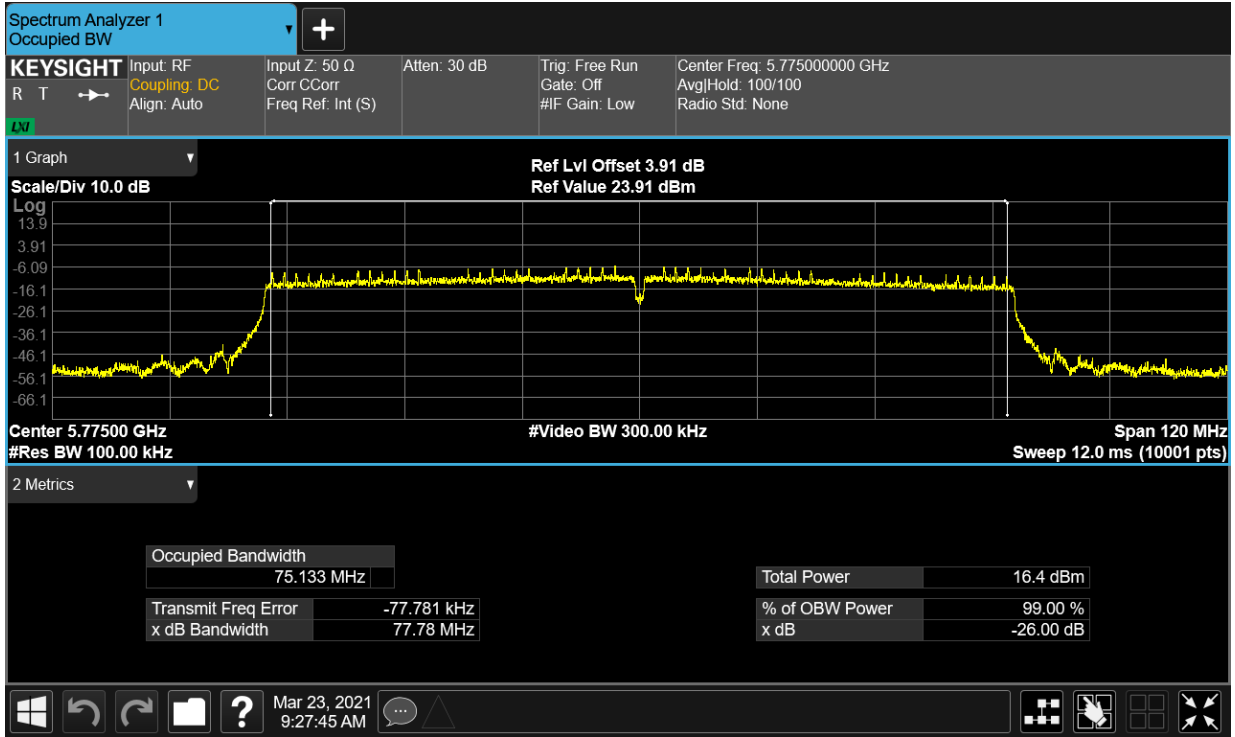
OBW NVNT ac40 5755MHz Ant1



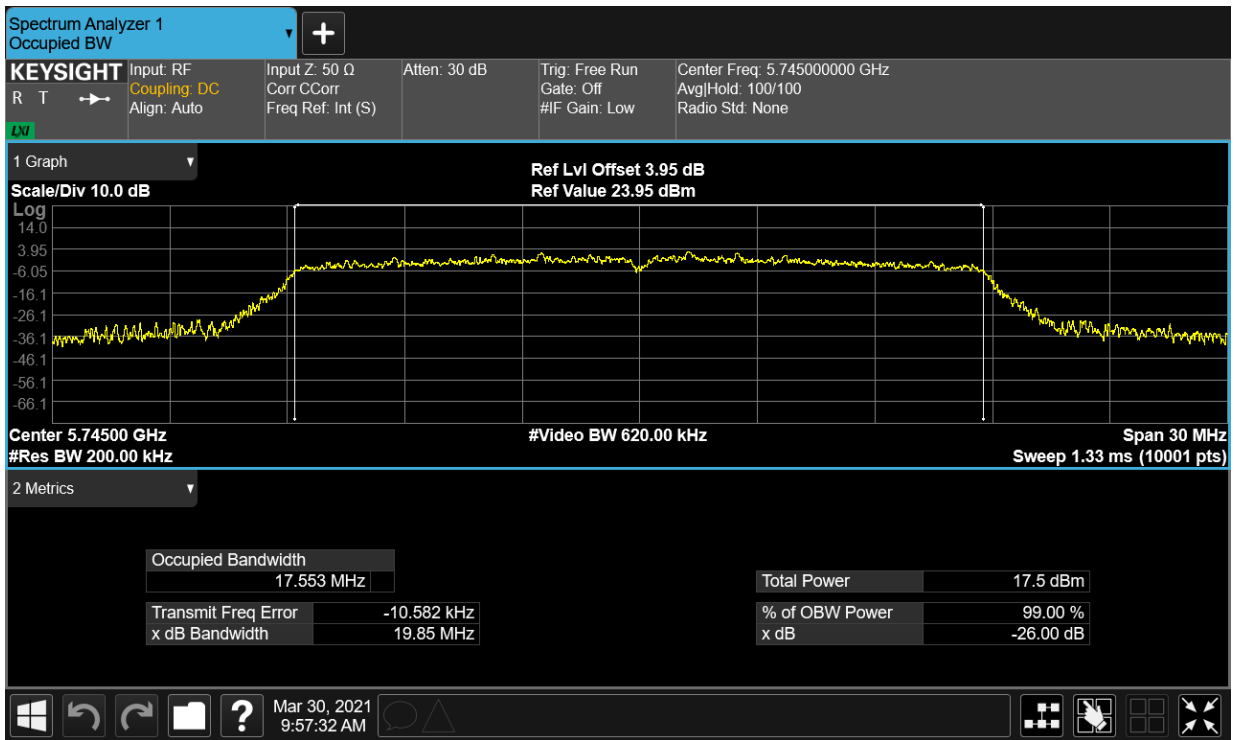
OBW NVNT ac40 5795MHz Ant1



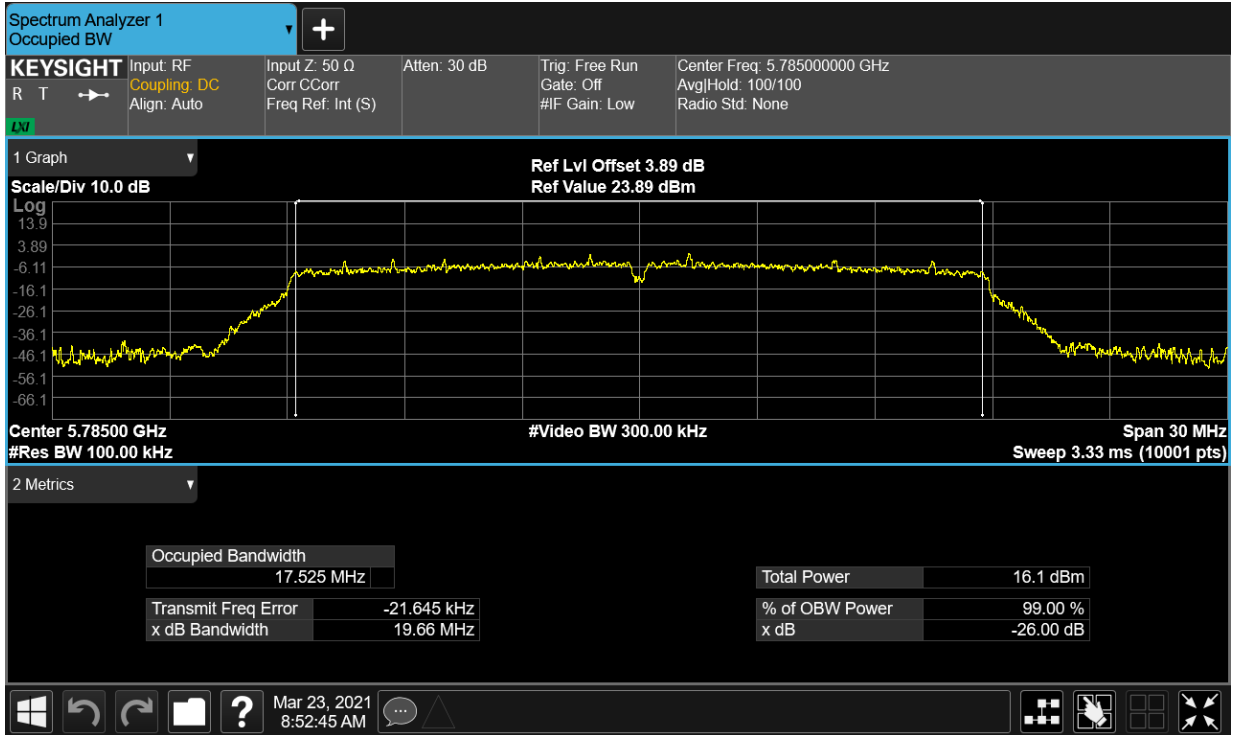
OBW NVNT ac80 5775MHz Ant1



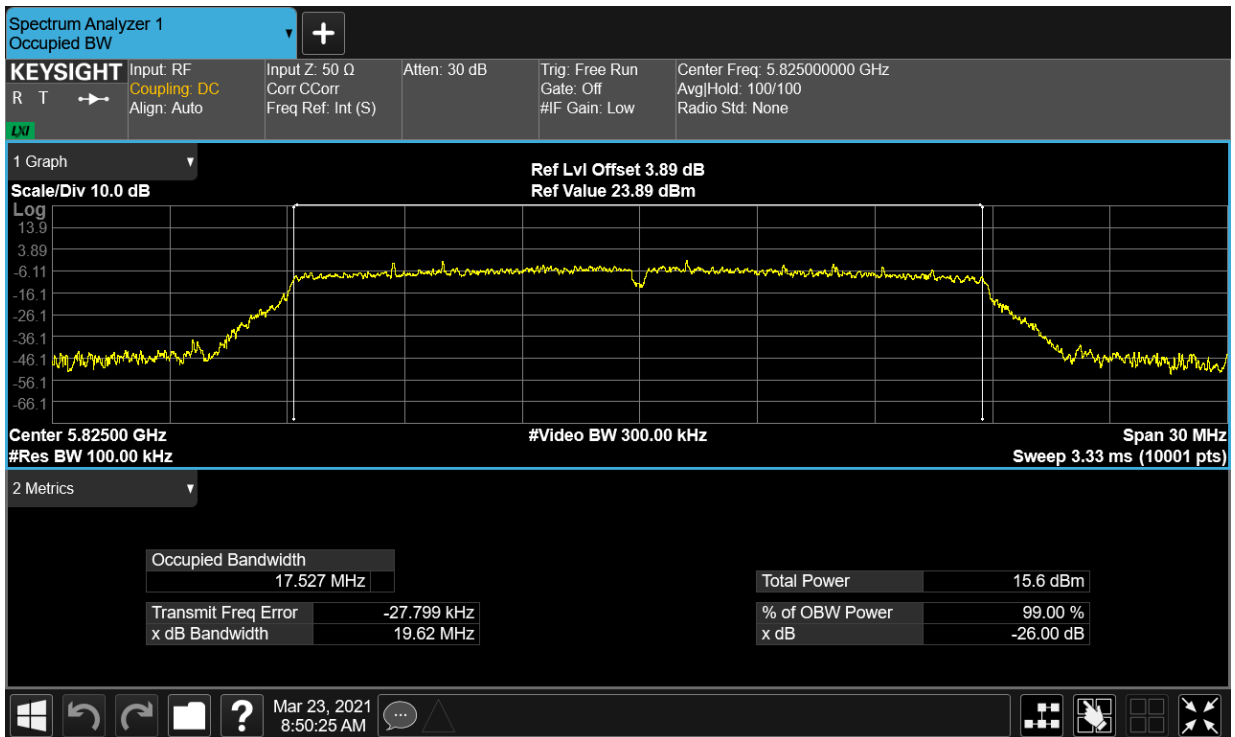
OBW NVNT n20 5745MHz Ant1



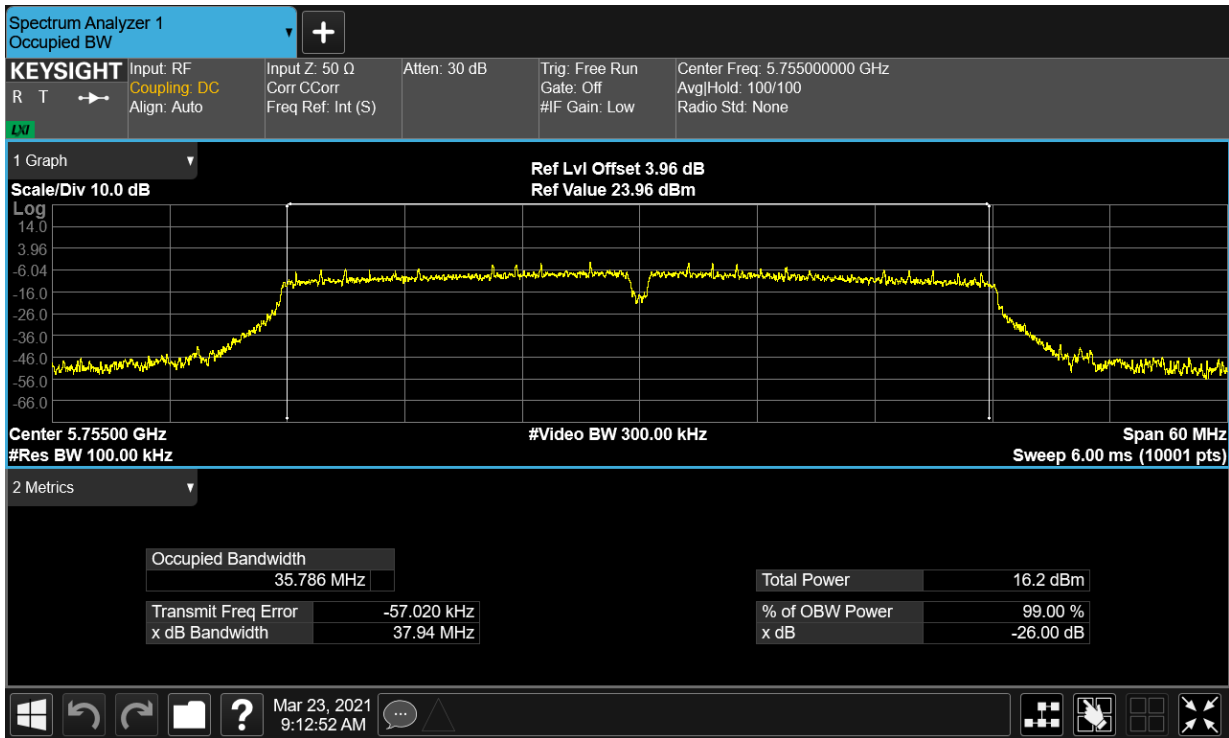
OBW NVNT n20 5785MHz Ant1



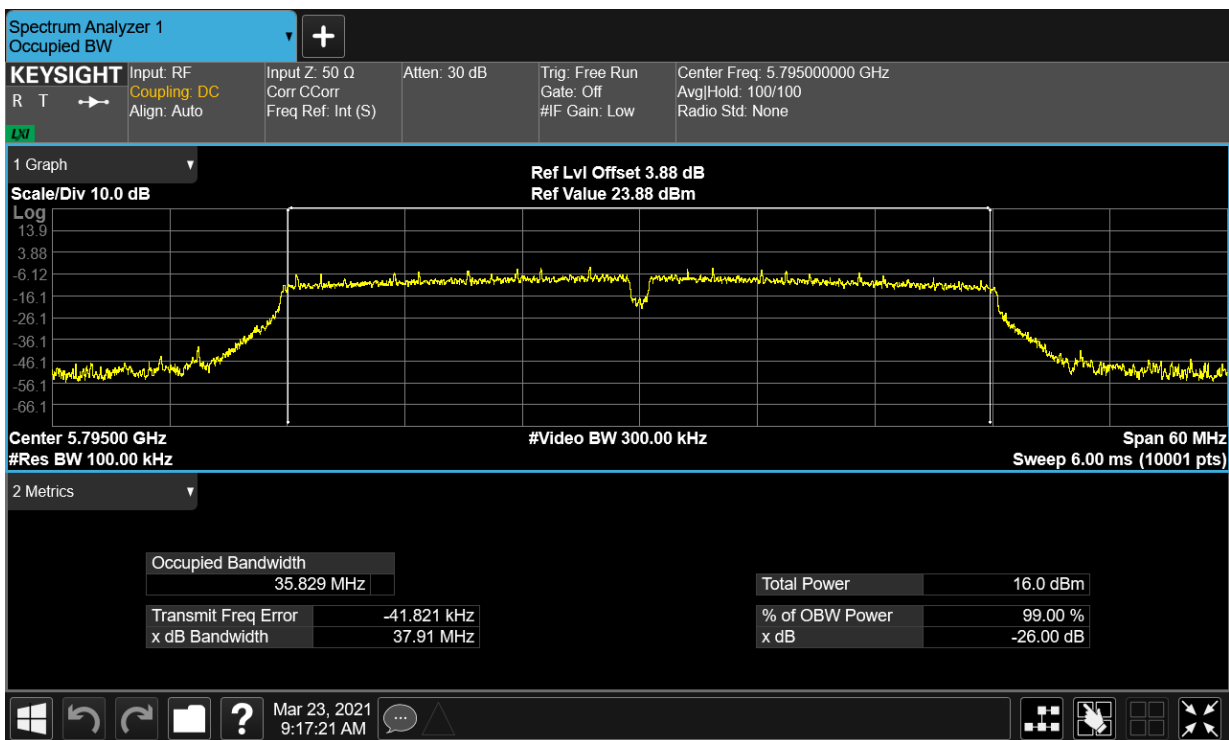
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

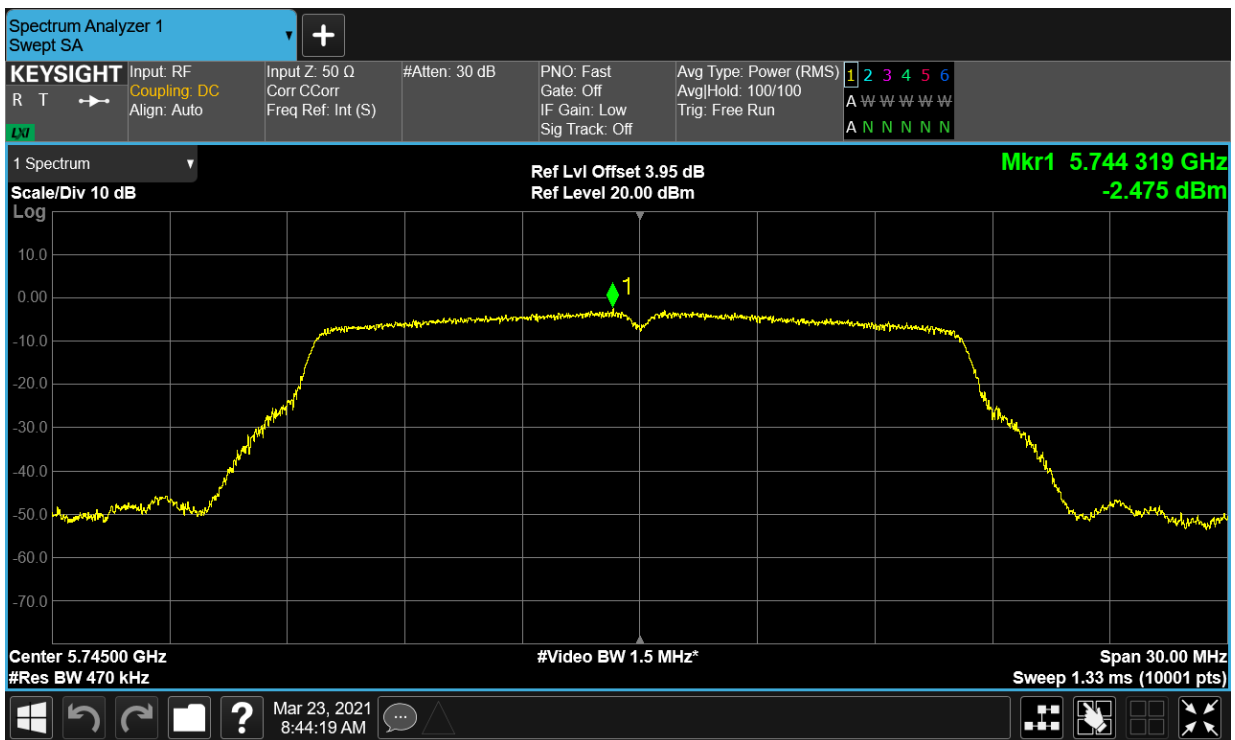


Maximum Power Spectral Density Level

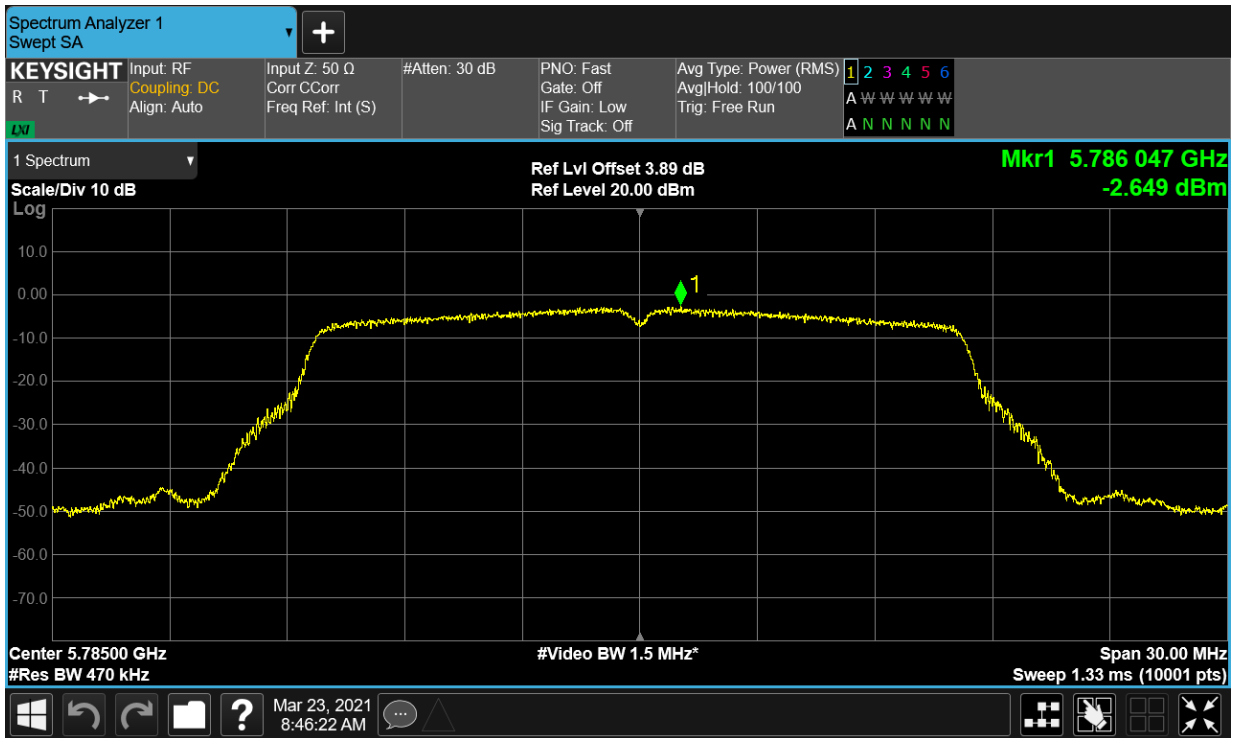
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-2.475	30	Pass
NVNT	a	5785	Ant1	-2.649	30	Pass
NVNT	a	5825	Ant1	-3.242	30	Pass
NVNT	ac20	5745	Ant1	-2.143	30	Pass

NVNT	ac20	5785	Ant1	-3.09	30	Pass
NVNT	ac20	5825	Ant1	-3.5	30	Pass
NVNT	ac40	5755	Ant1	-5.232	30	Pass
NVNT	ac40	5795	Ant1	-5.379	30	Pass
NVNT	ac80	5775	Ant1	-9.125	30	Pass
NVNT	n20	5745	Ant1	-1.496	30	Pass
NVNT	n20	5785	Ant1	-2.622	30	Pass
NVNT	n20	5825	Ant1	-3.369	30	Pass
NVNT	n40	5755	Ant1	-5.409	30	Pass
NVNT	n40	5795	Ant1	-5.733	30	Pass

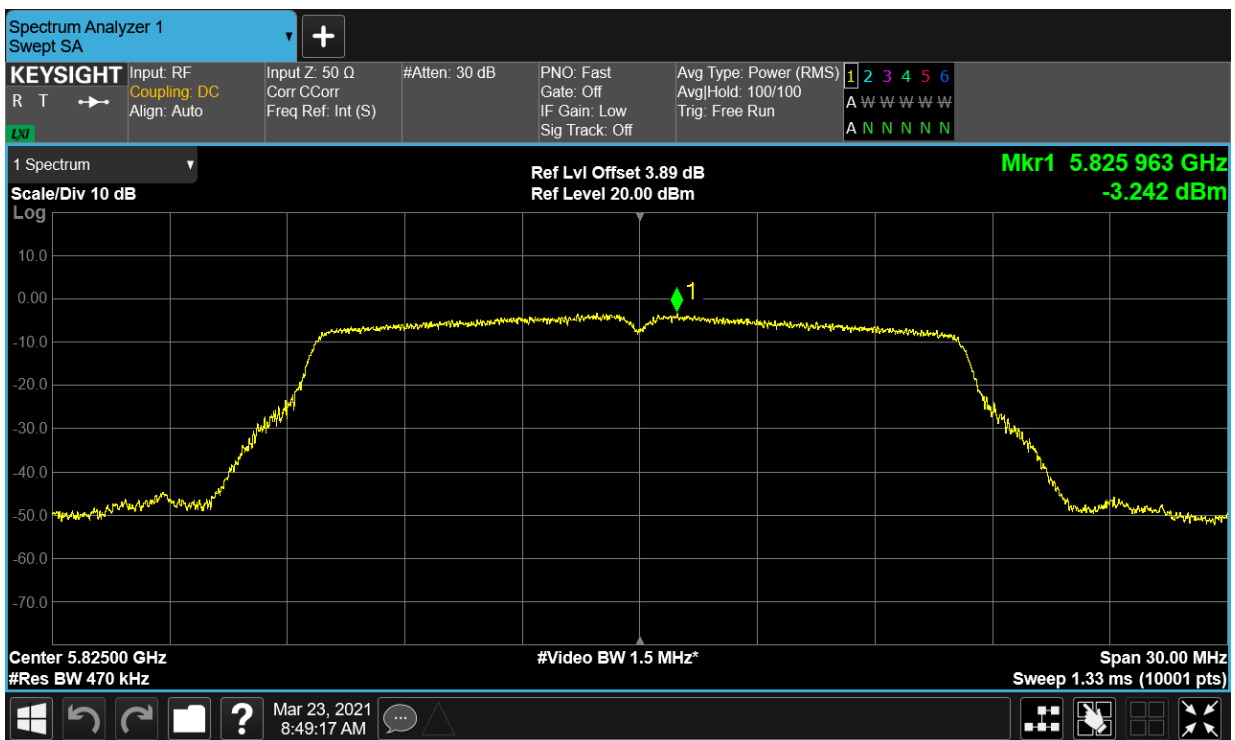
PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



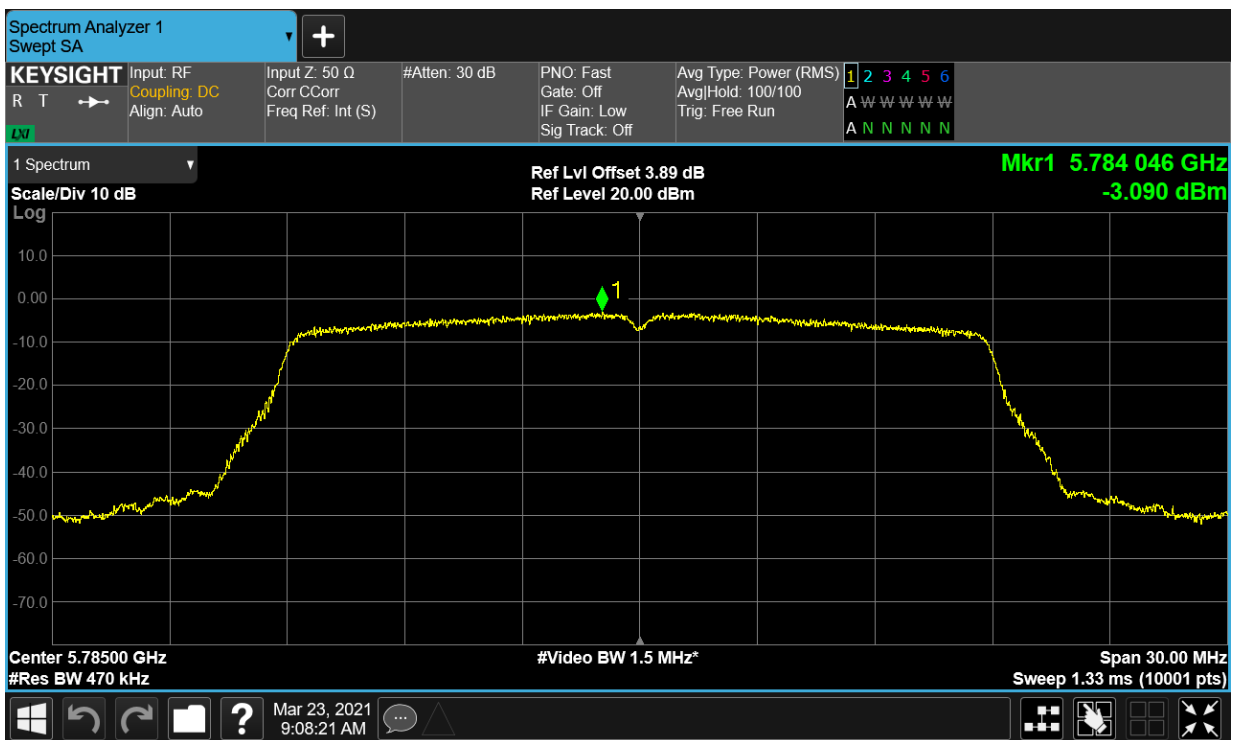
PSD NVNT a 5825MHz Ant1



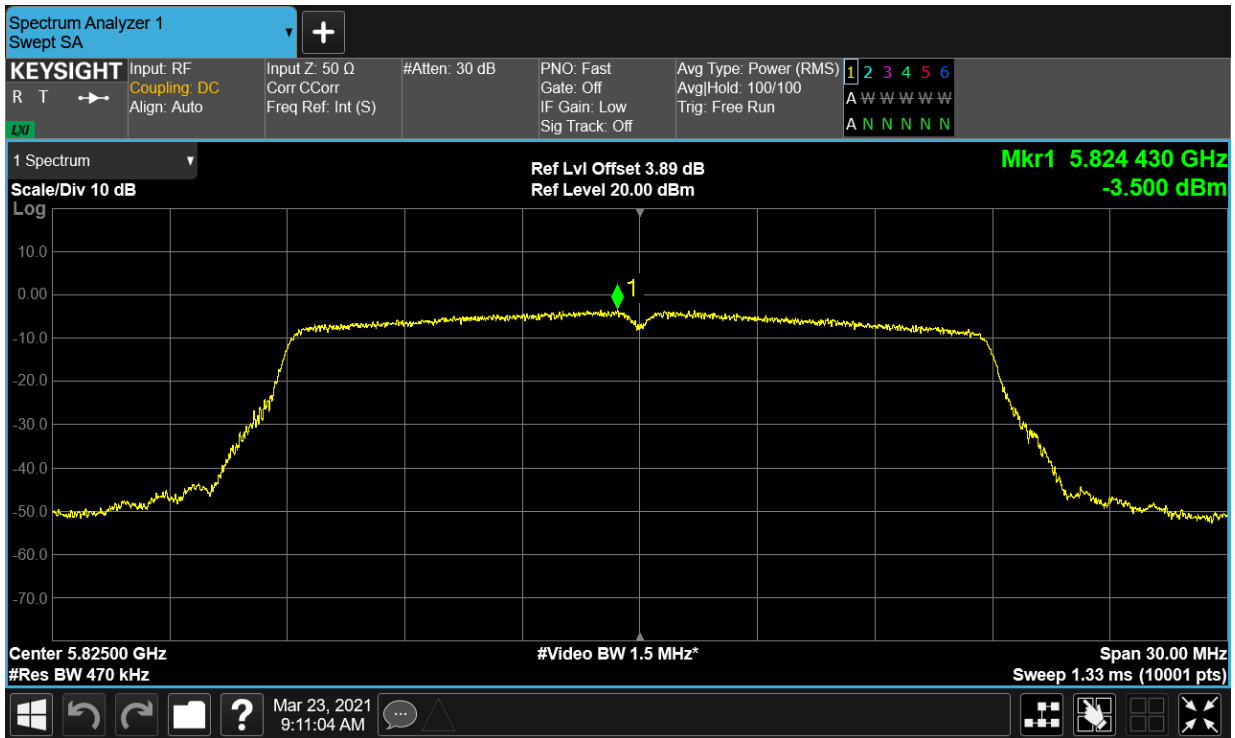
PSD NVNT ac20 5745MHz Ant1



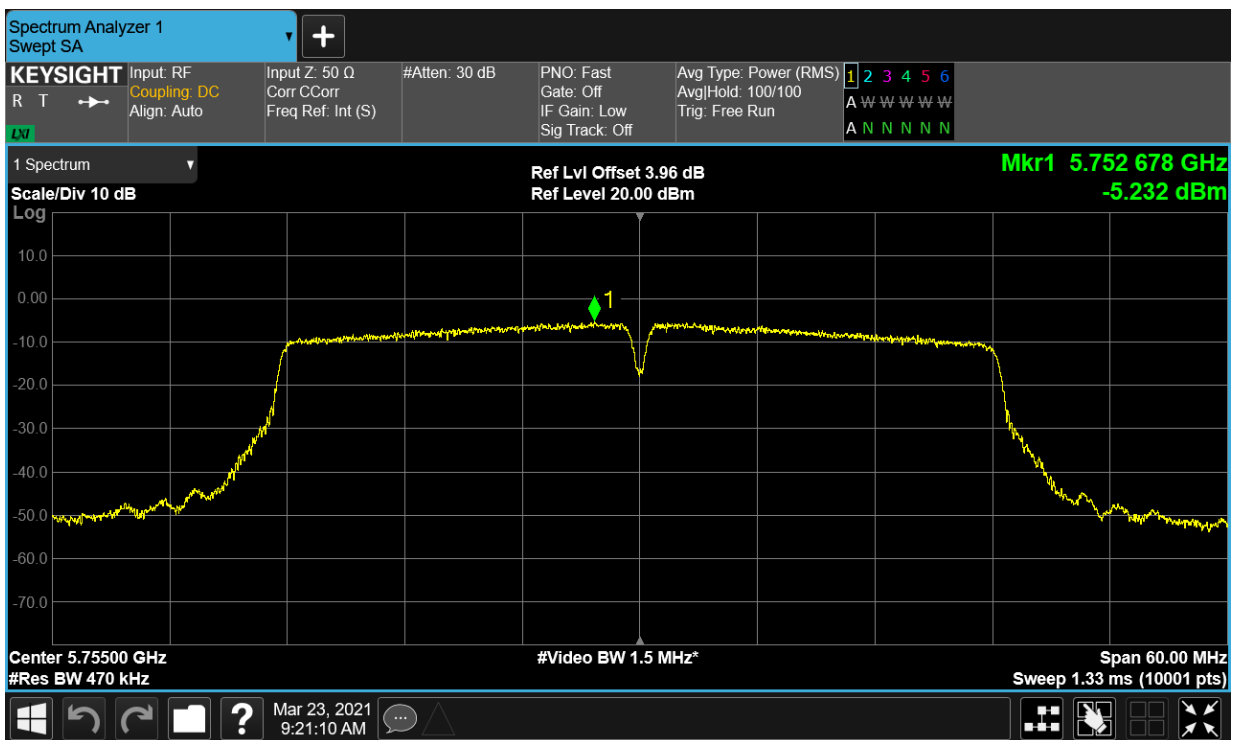
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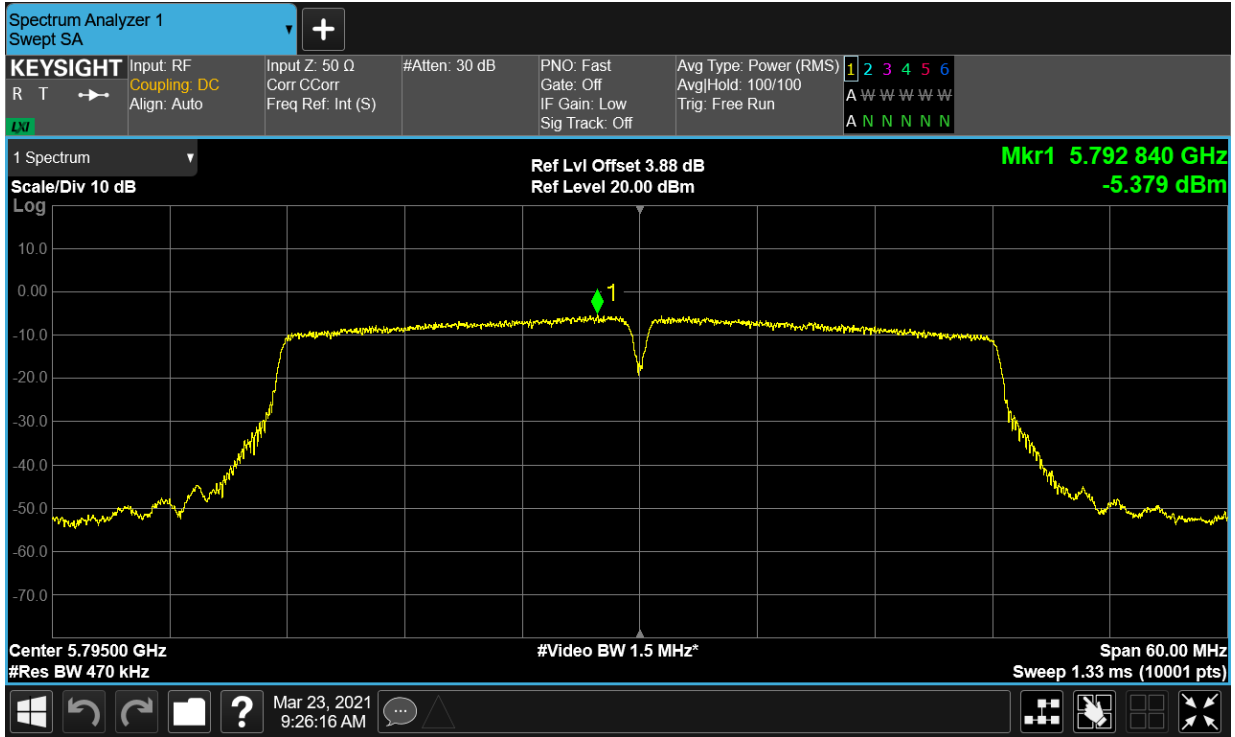
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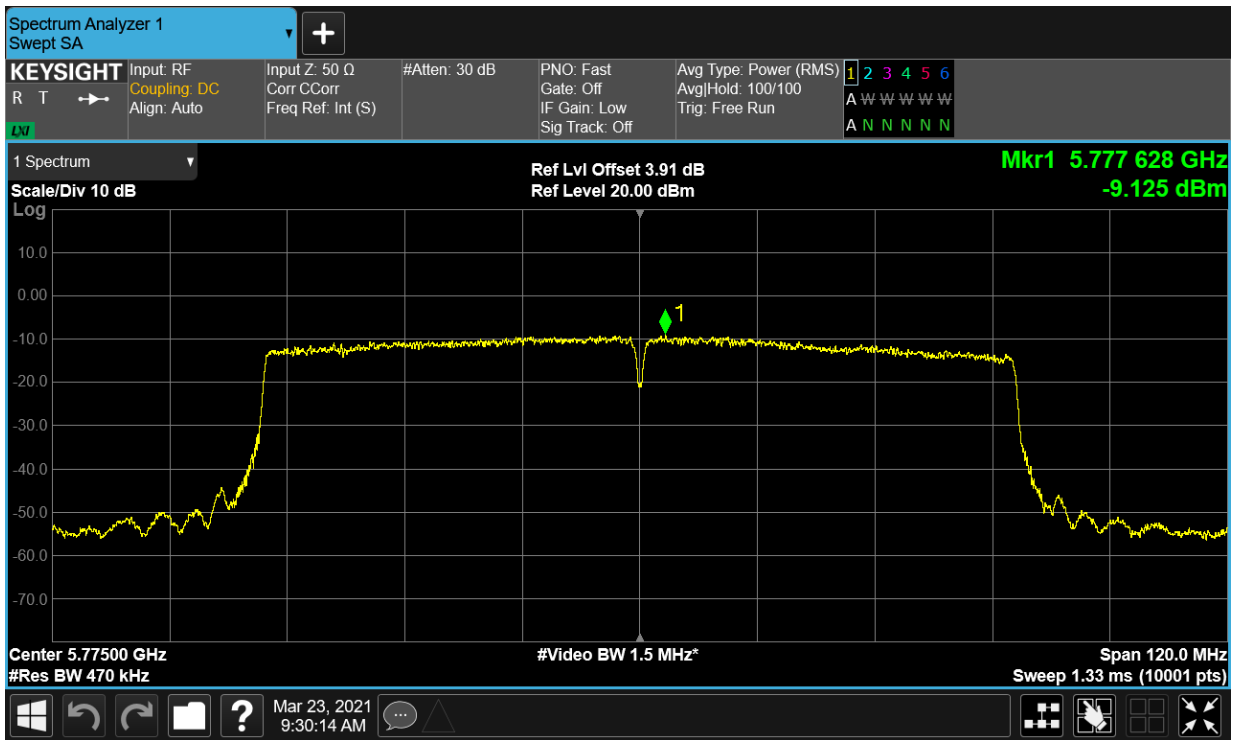
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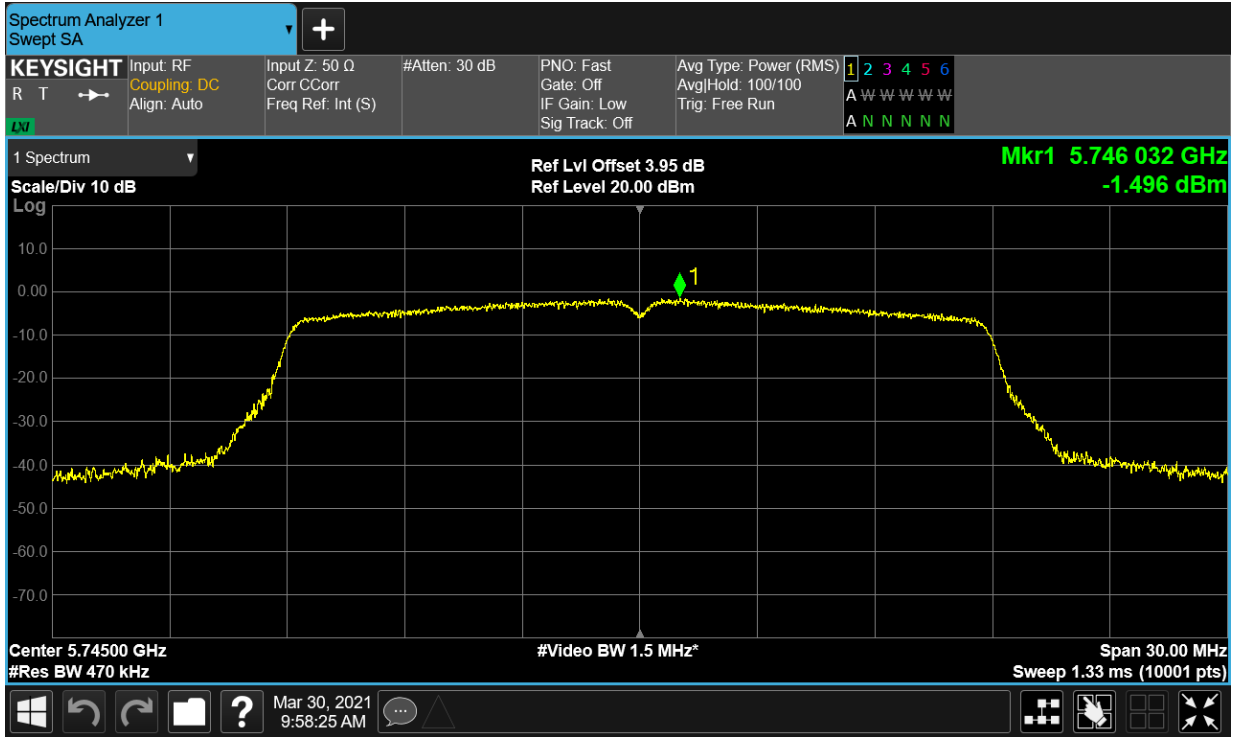
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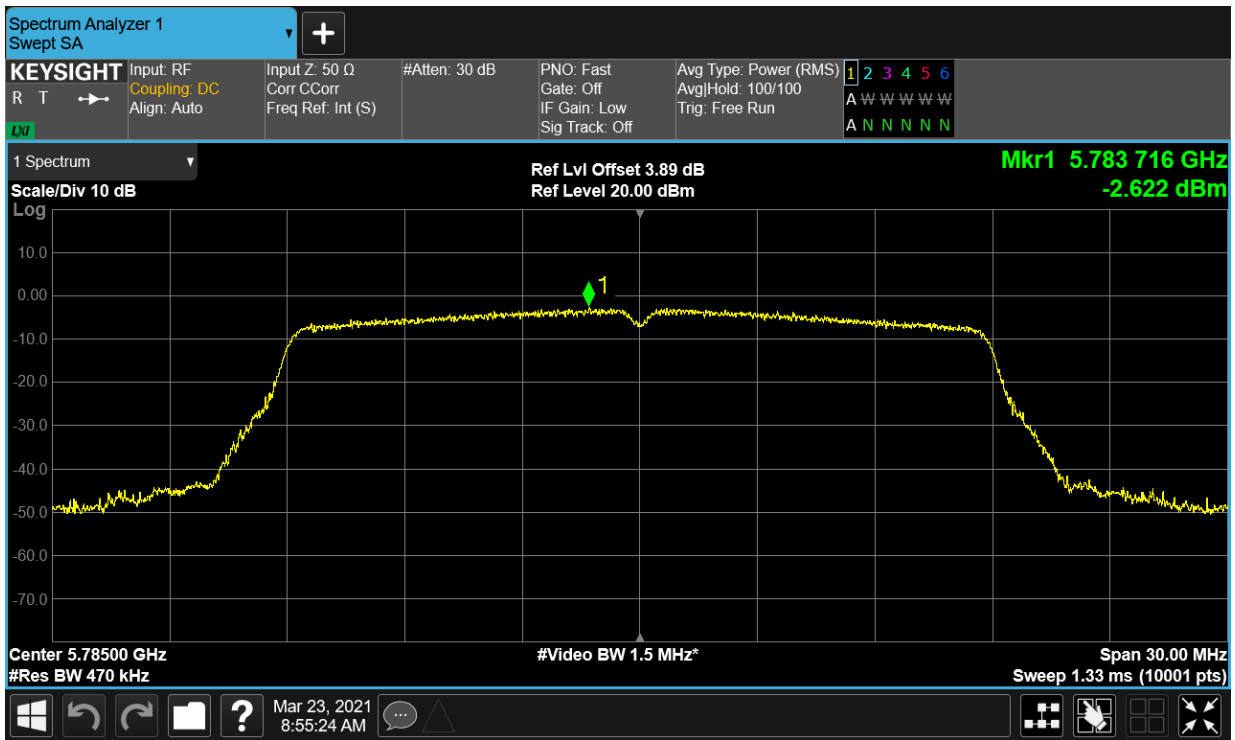
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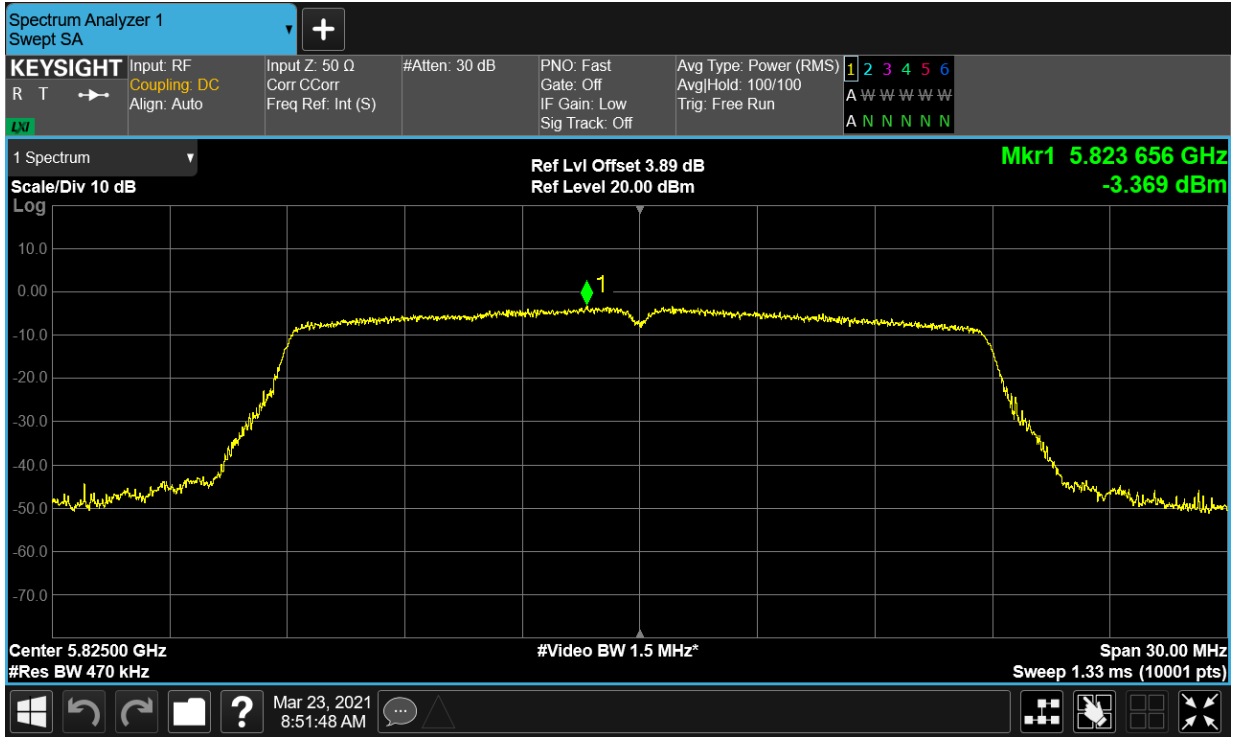
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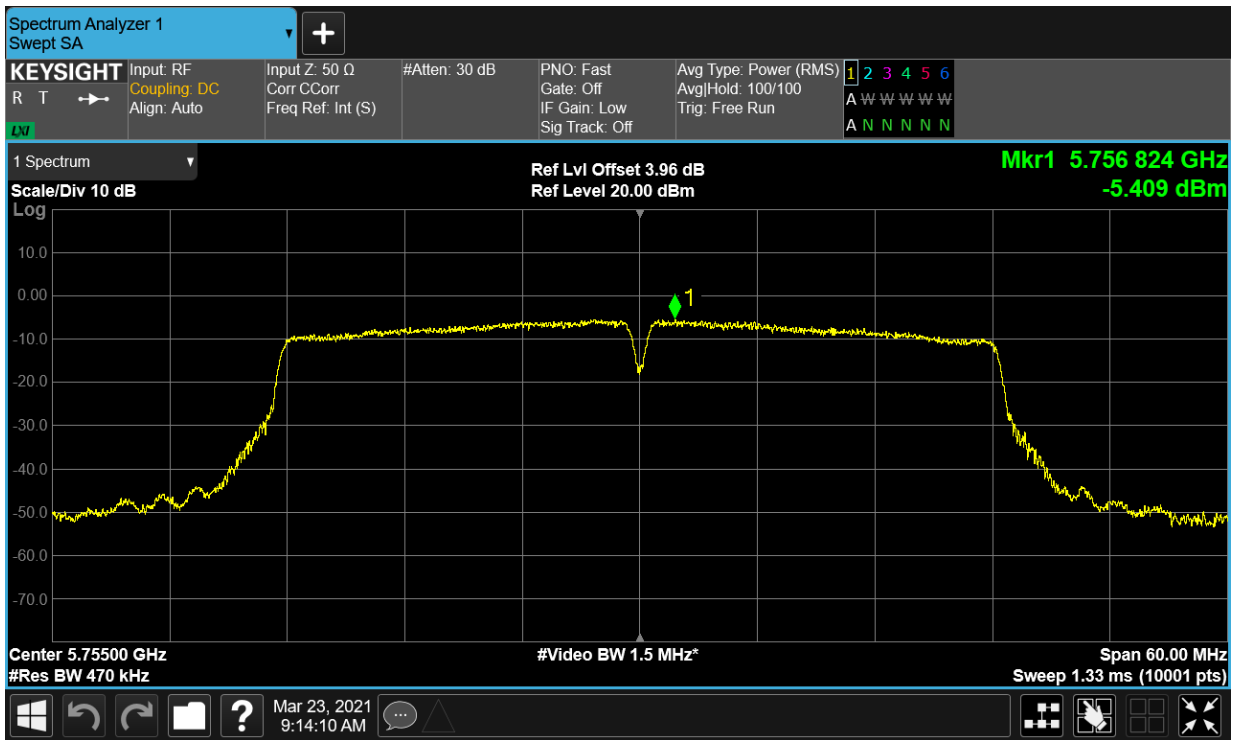
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PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



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