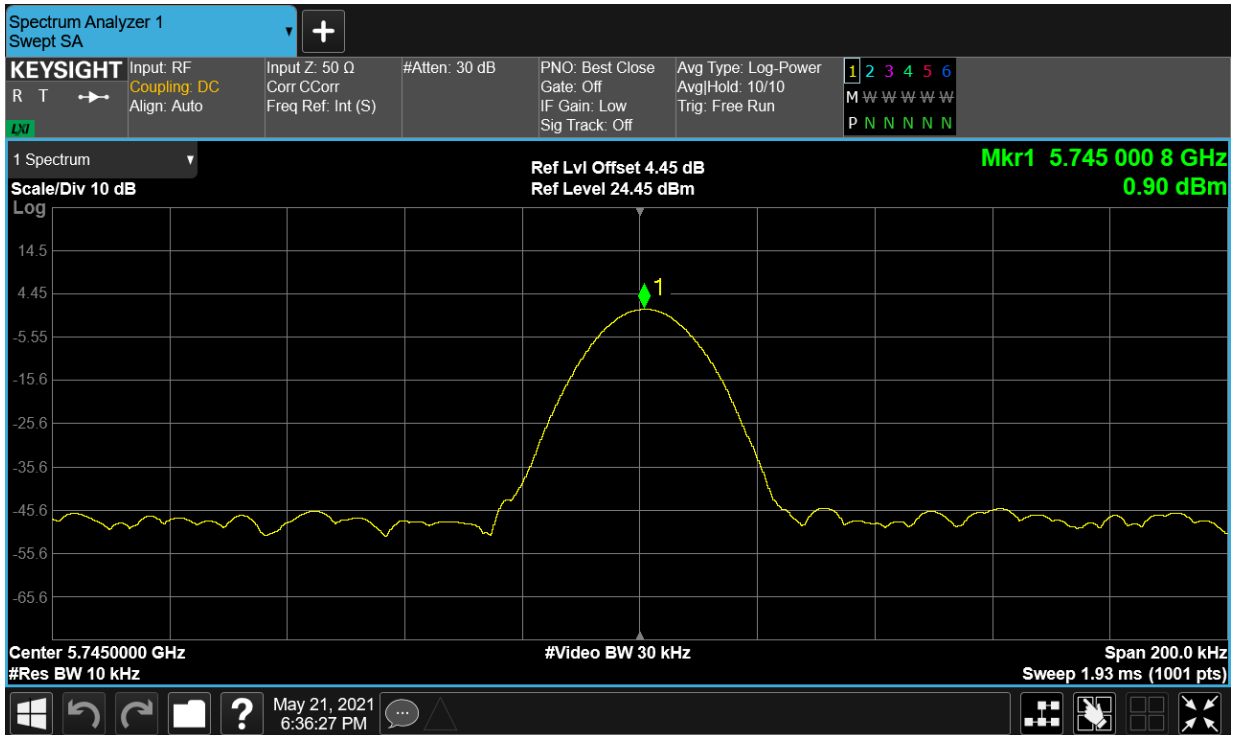


Test Data

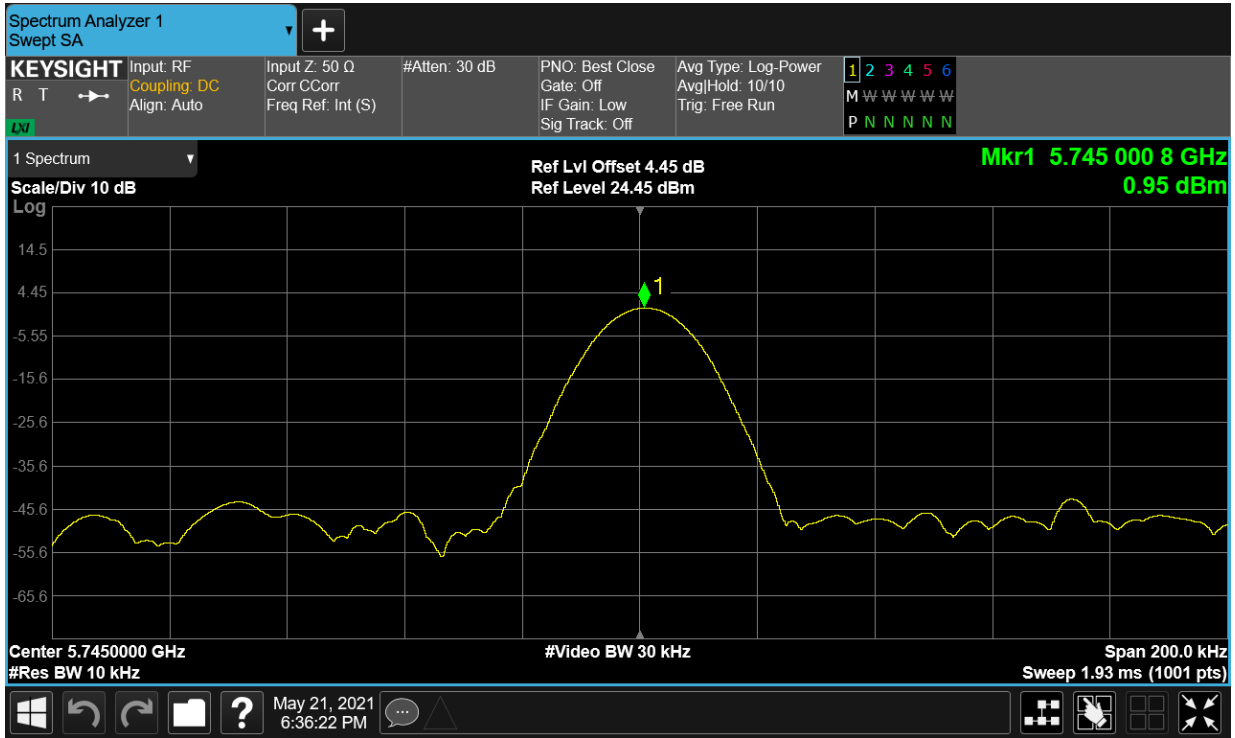
Frequency Stability (worst case mode)

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	Ant1	5745.0008	0.14	25	Pass
HVLT	a	5745	Ant1	5745.0008	0.14	25	Pass
LVHT	a	5745	Ant1	5745.0008	0.14	25	Pass
LVLT	a	5745	Ant1	5745.0008	0.14	25	Pass
NVNT	a	5745	Ant1	5745.0008	0.14	25	Pass
HVHT	ac80	5775	Ant1	5775.0008	0.14	25	Pass
HVLT	ac80	5775	Ant1	5775.0008	0.14	25	Pass
LVHT	ac80	5775	Ant1	5775.0008	0.14	25	Pass
LVLT	ac80	5775	Ant1	5775.0008	0.14	25	Pass
NVNT	ac80	5775	Ant1	5775.0008	0.14	25	Pass
HVHT	n40	5755	Ant1	5755.0008	0.14	25	Pass
HVLT	n40	5755	Ant1	5755.001	0.17	25	Pass
LVHT	n40	5755	Ant1	5755.0008	0.14	25	Pass
LVLT	n40	5755	Ant1	5755.001	0.17	25	Pass
NVNT	n40	5755	Ant1	5755.0008	0.14	25	Pass

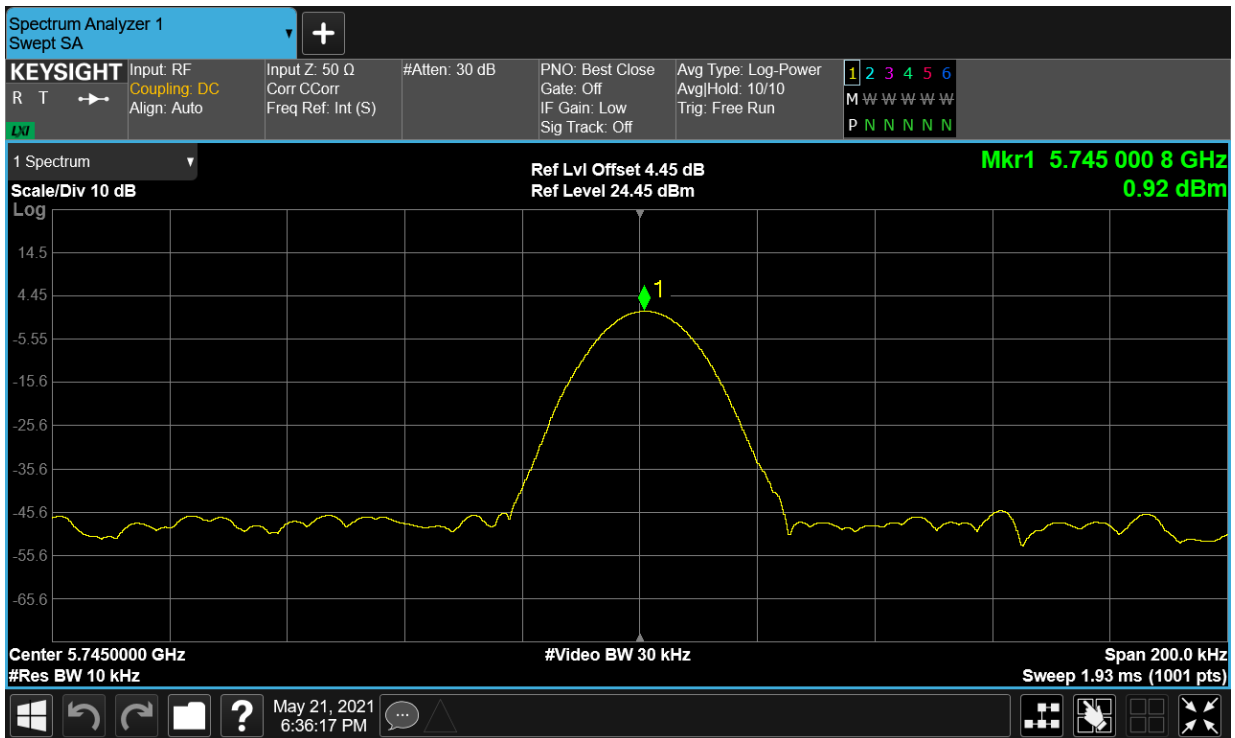
Freq. Stability HVHT a 5745MHz Ant1



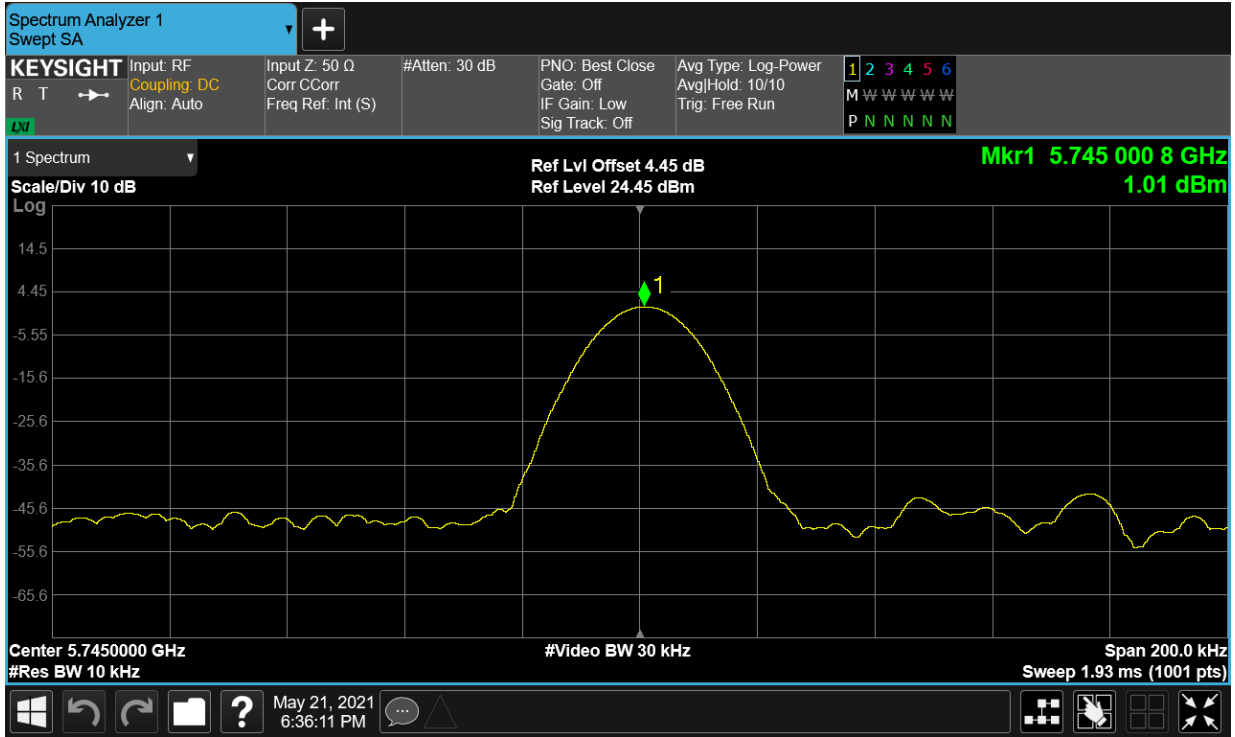
Freq. Stability HVLT a 5745MHz Ant1



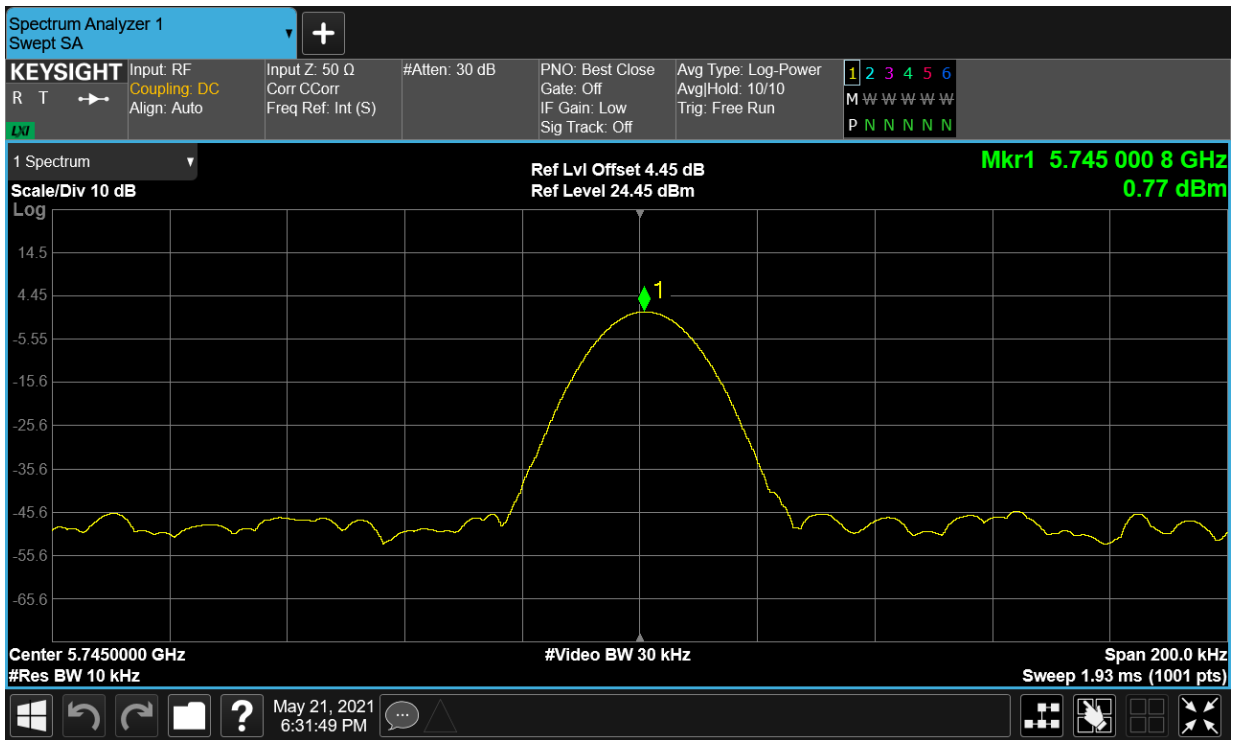
Freq. Stability LVHT a 5745MHz Ant1



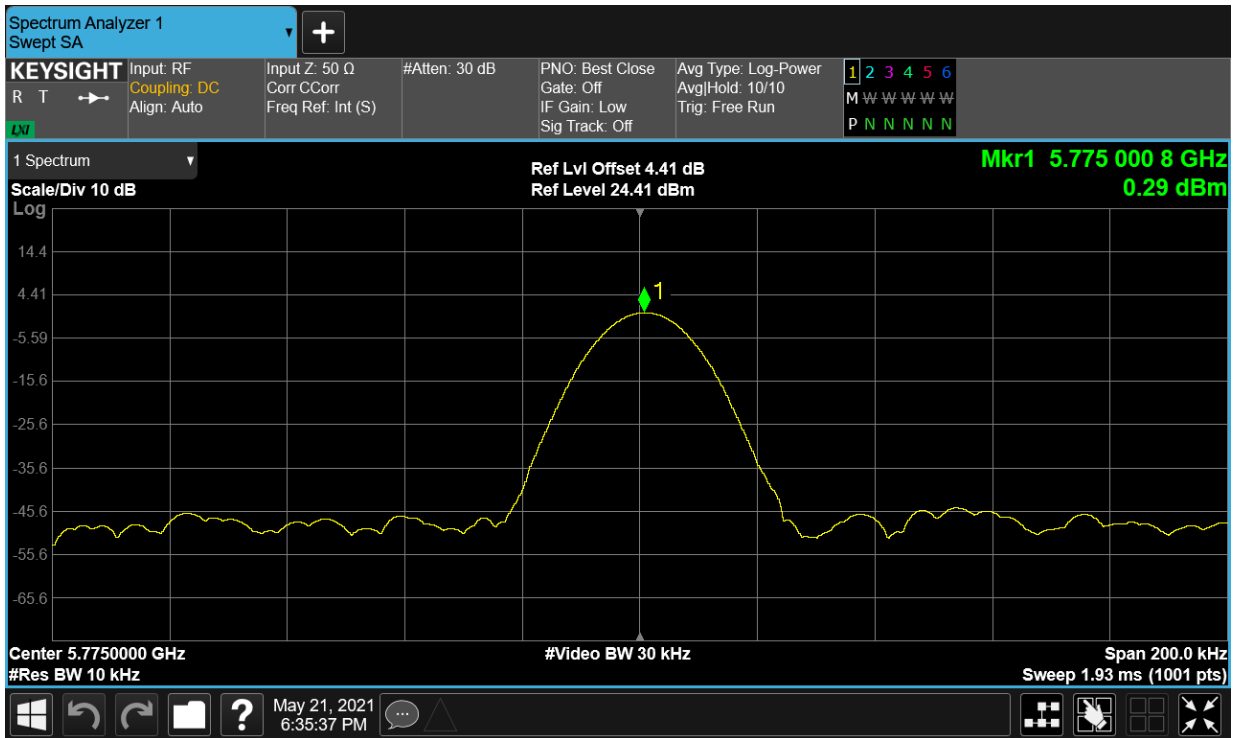
Freq. Stability LVLT a 5745MHz Ant1



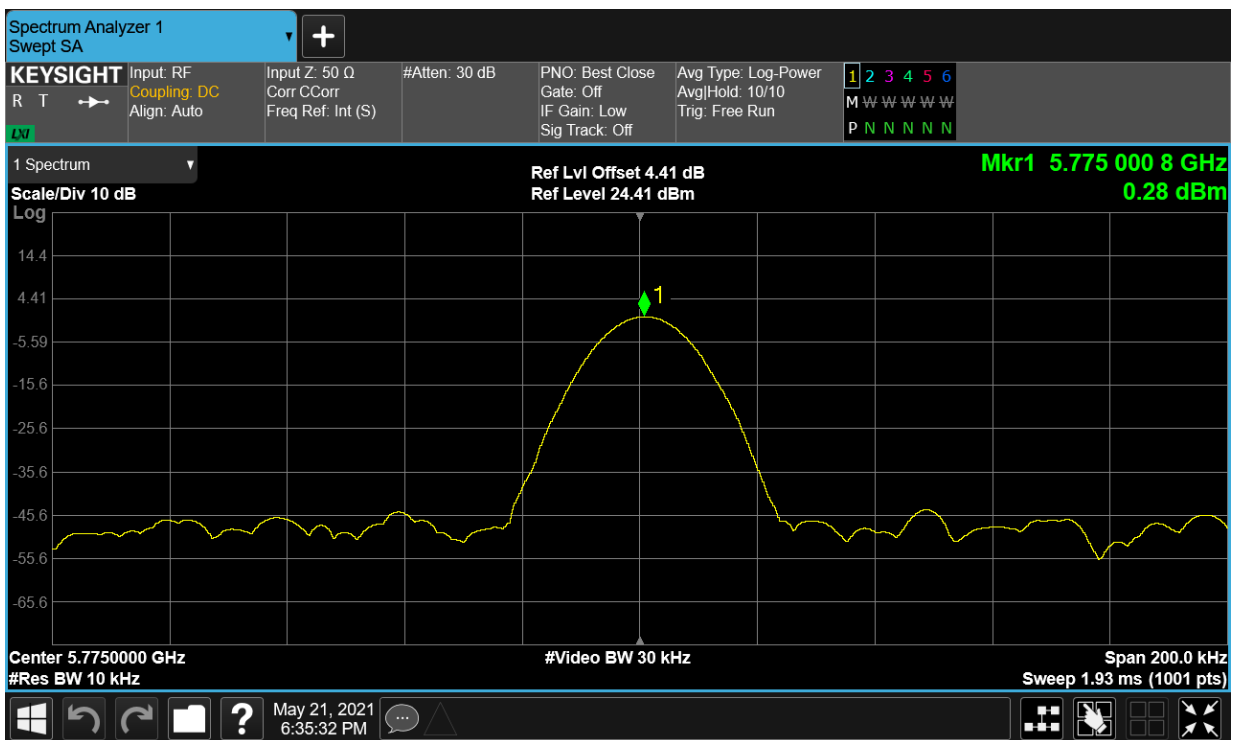
Freq. Stability NVNT a 5745MHz Ant1



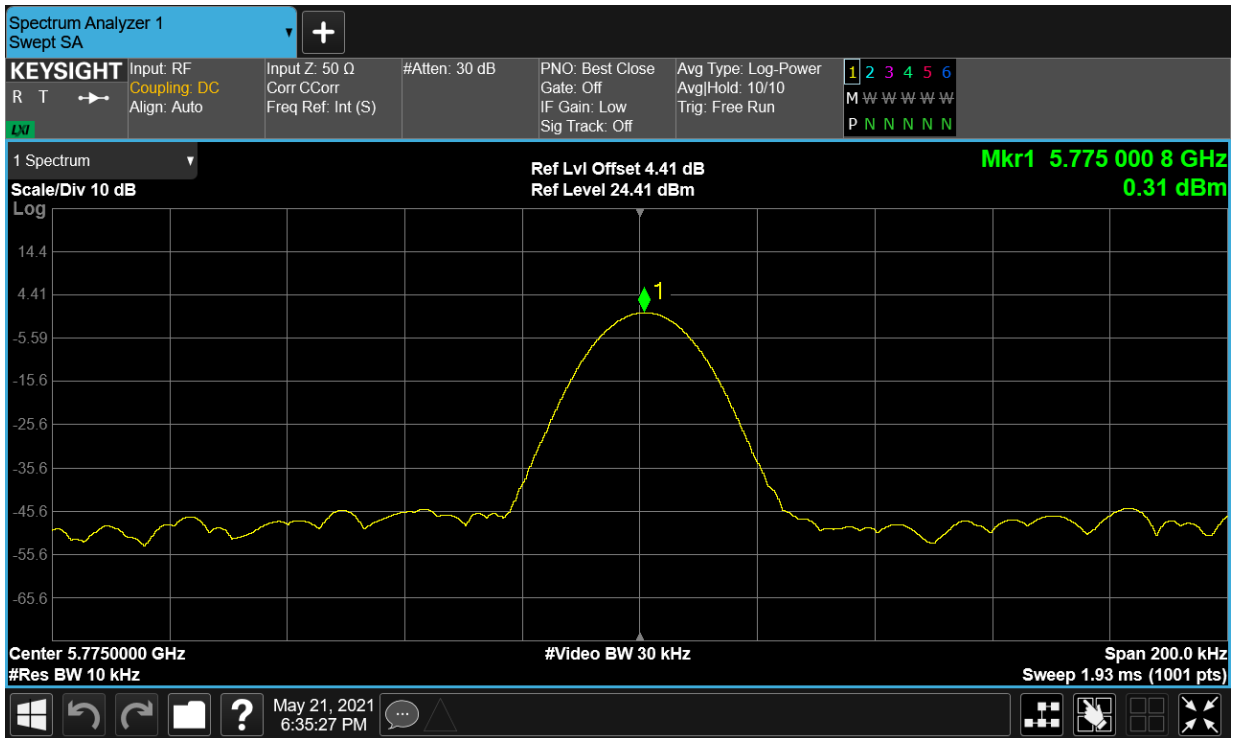
Freq. Stability HVHT ac80 5775MHz Ant1



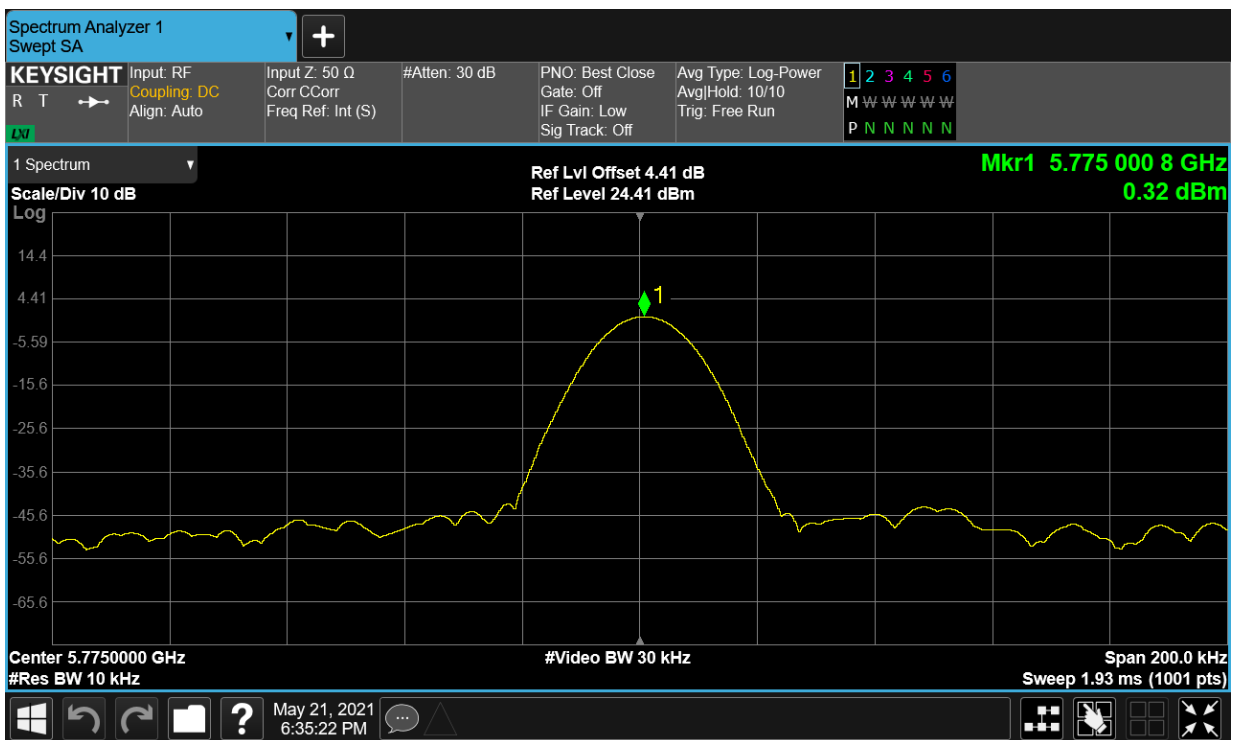
Freq. Stability HVLt ac80 5775MHz Ant1



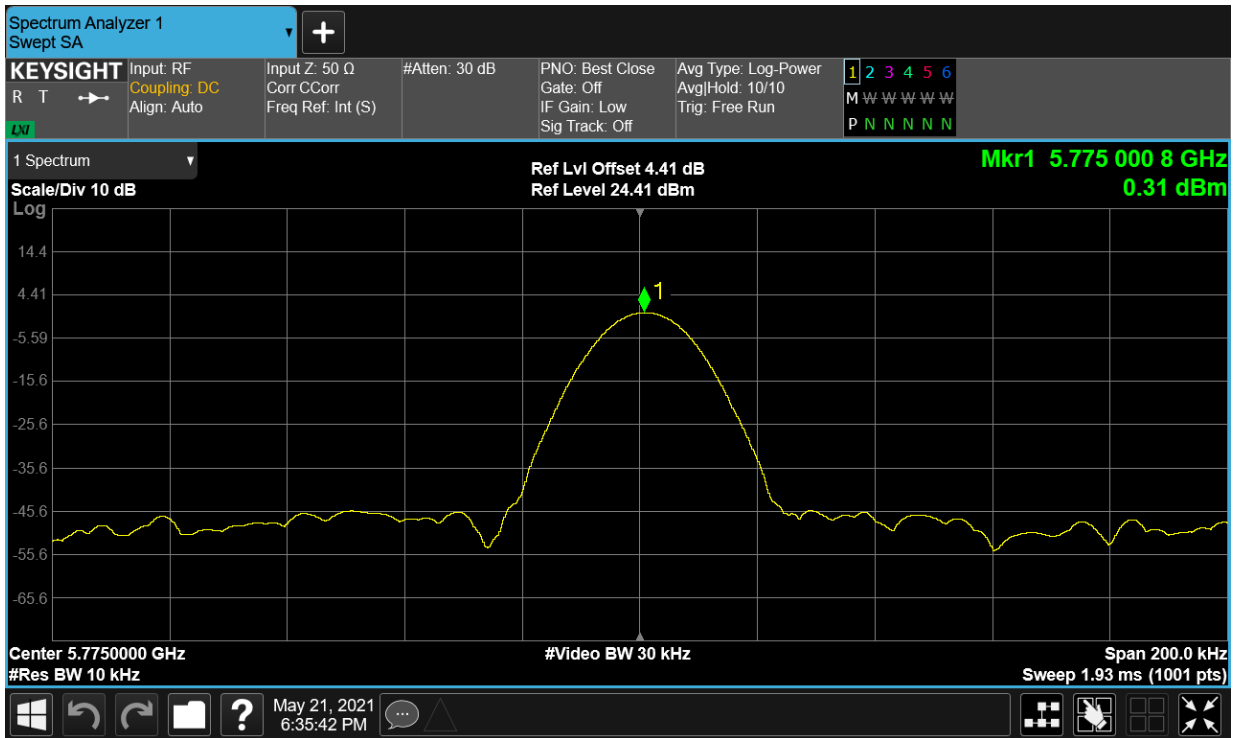
Freq. Stability LVHT ac80 5775MHz Ant1



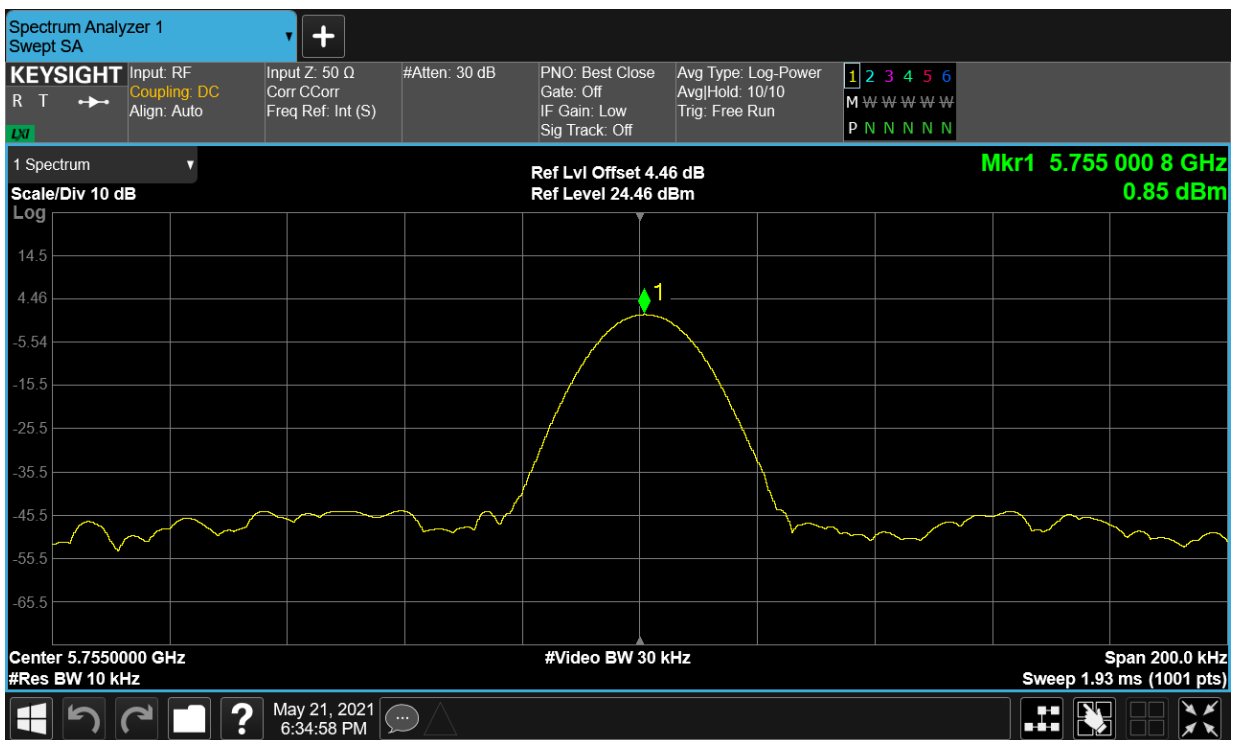
Freq. Stability LVLT ac80 5775MHz Ant1



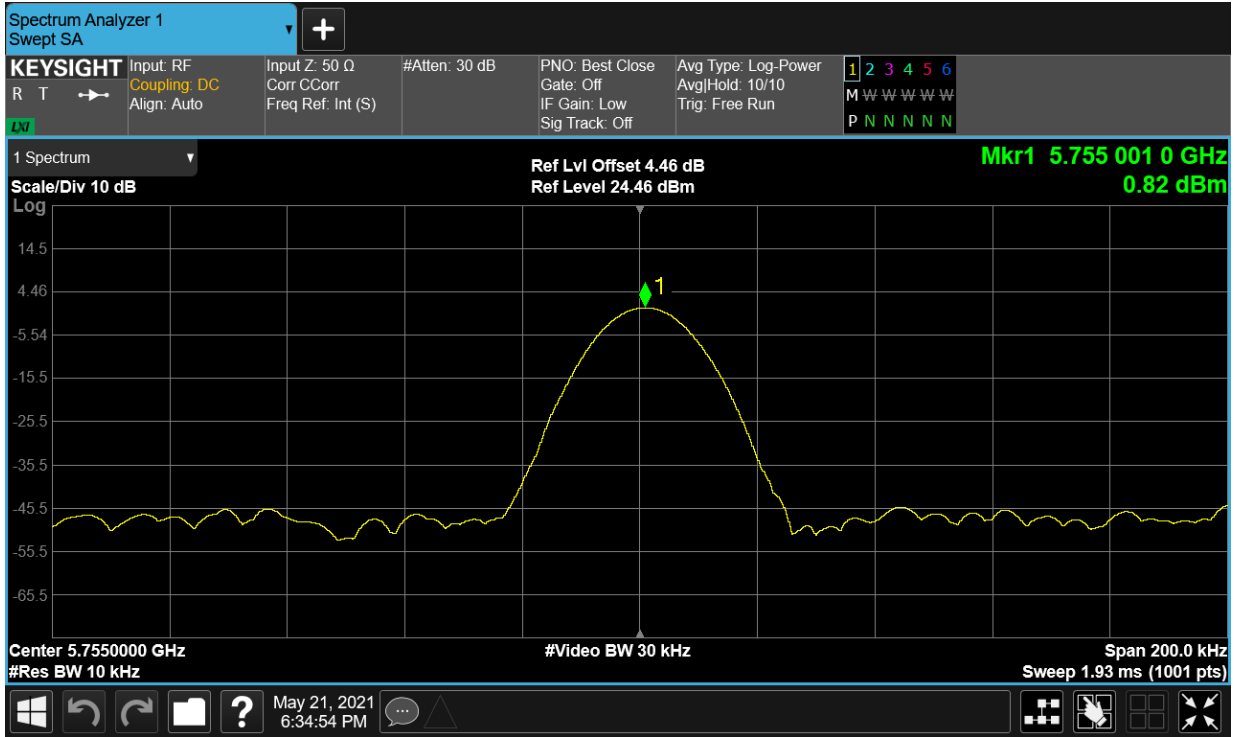
Freq. Stability NVNT ac80 5775MHz Ant1



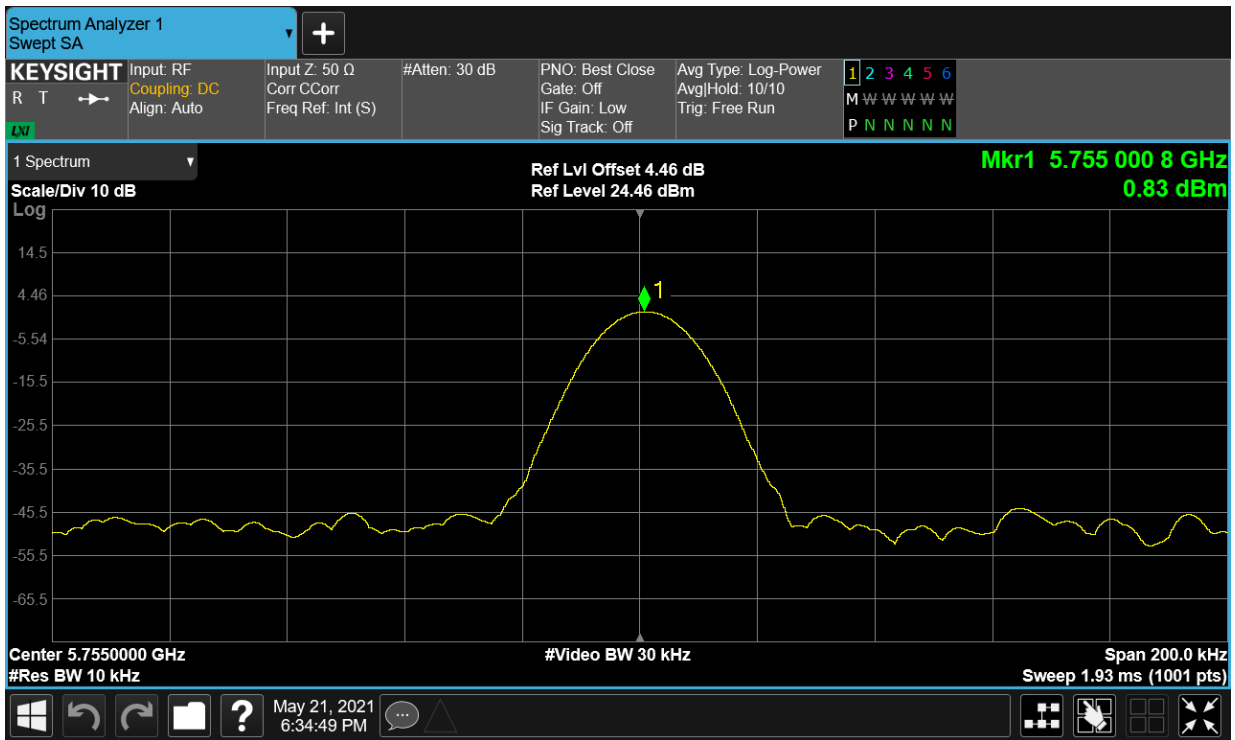
Freq. Stability HVHT n40 5755MHz Ant1



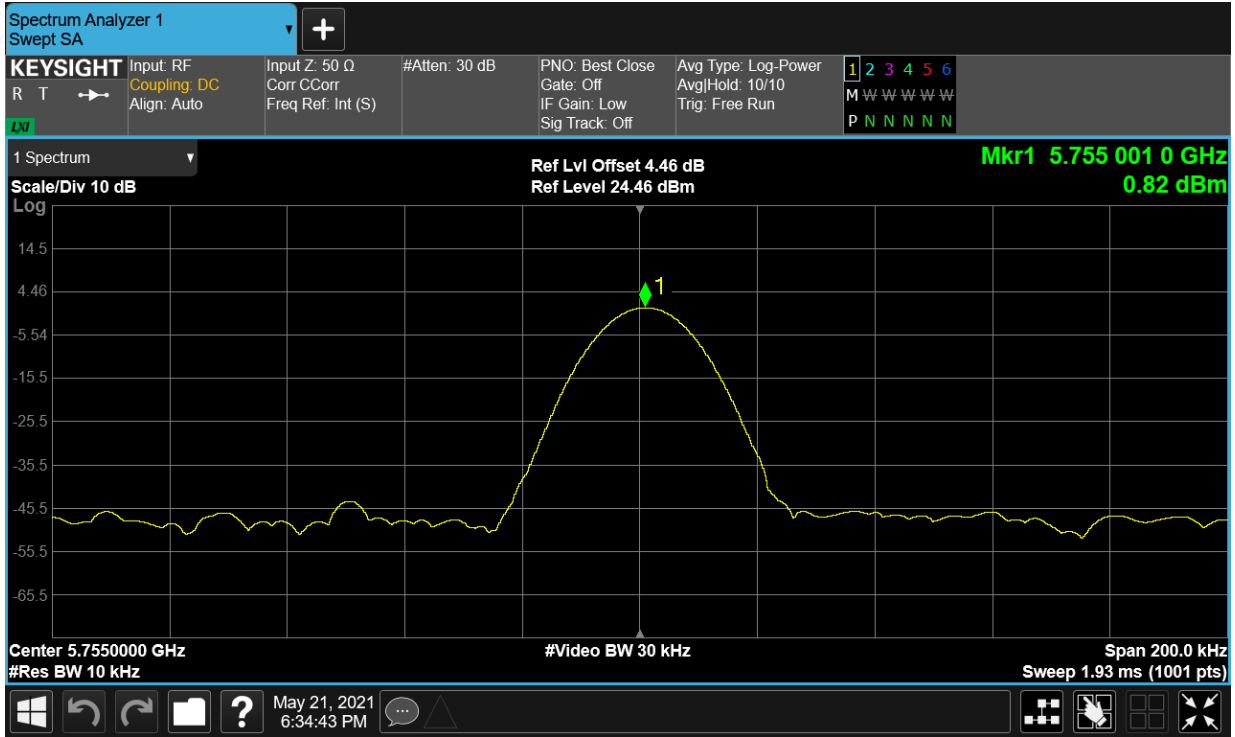
Freq. Stability HVLT n40 5755MHz Ant1



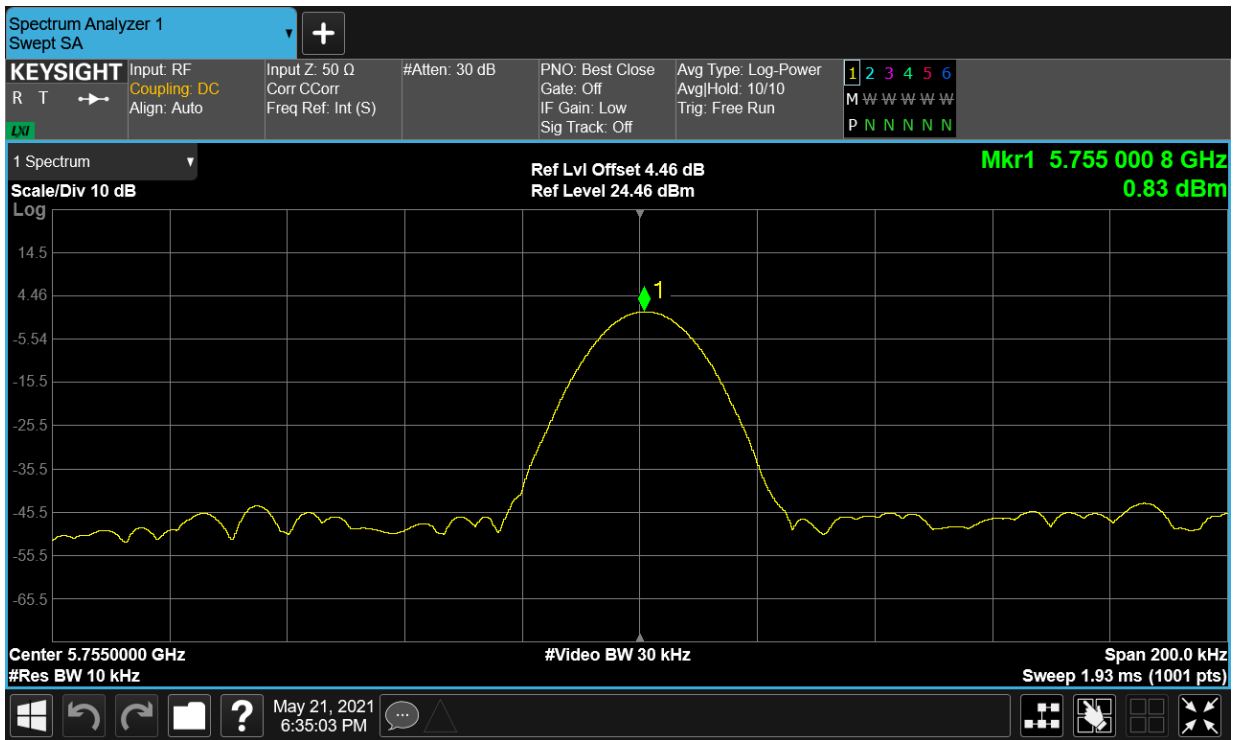
Freq. Stability LVHT n40 5755MHz Ant1



Freq. Stability LVLT n40 5755MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1

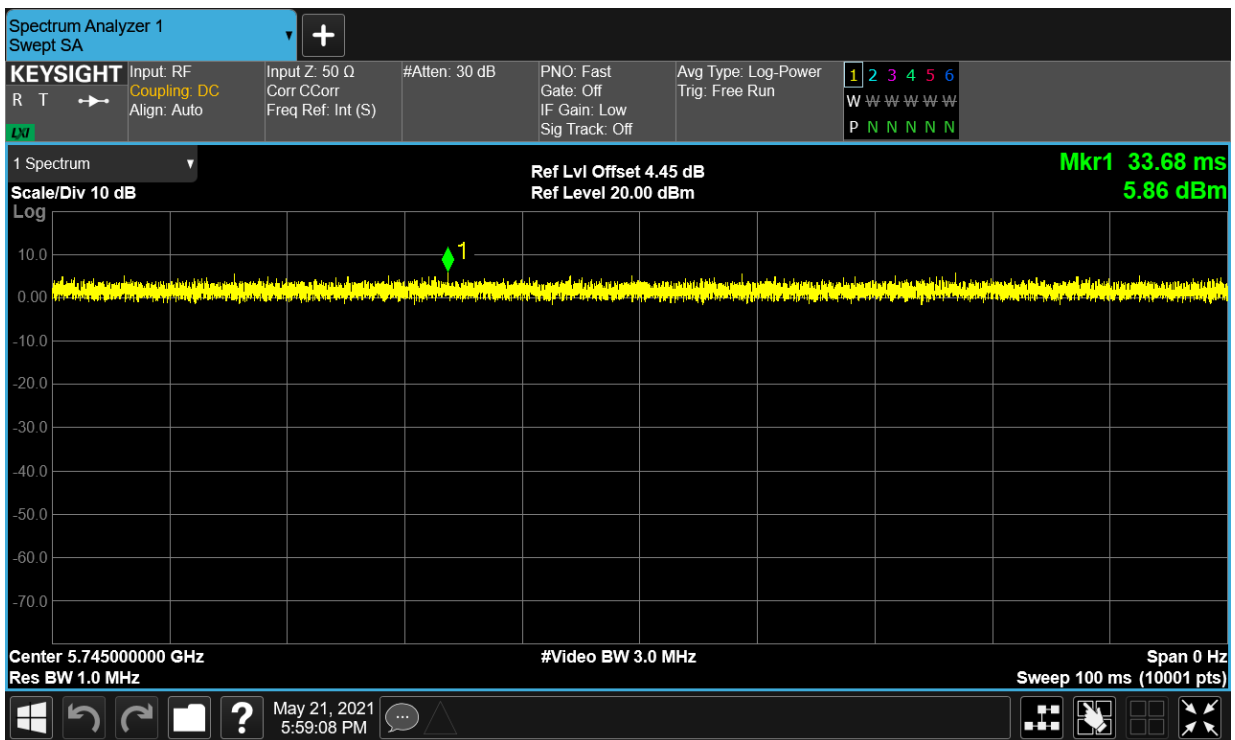


Duty Cycle

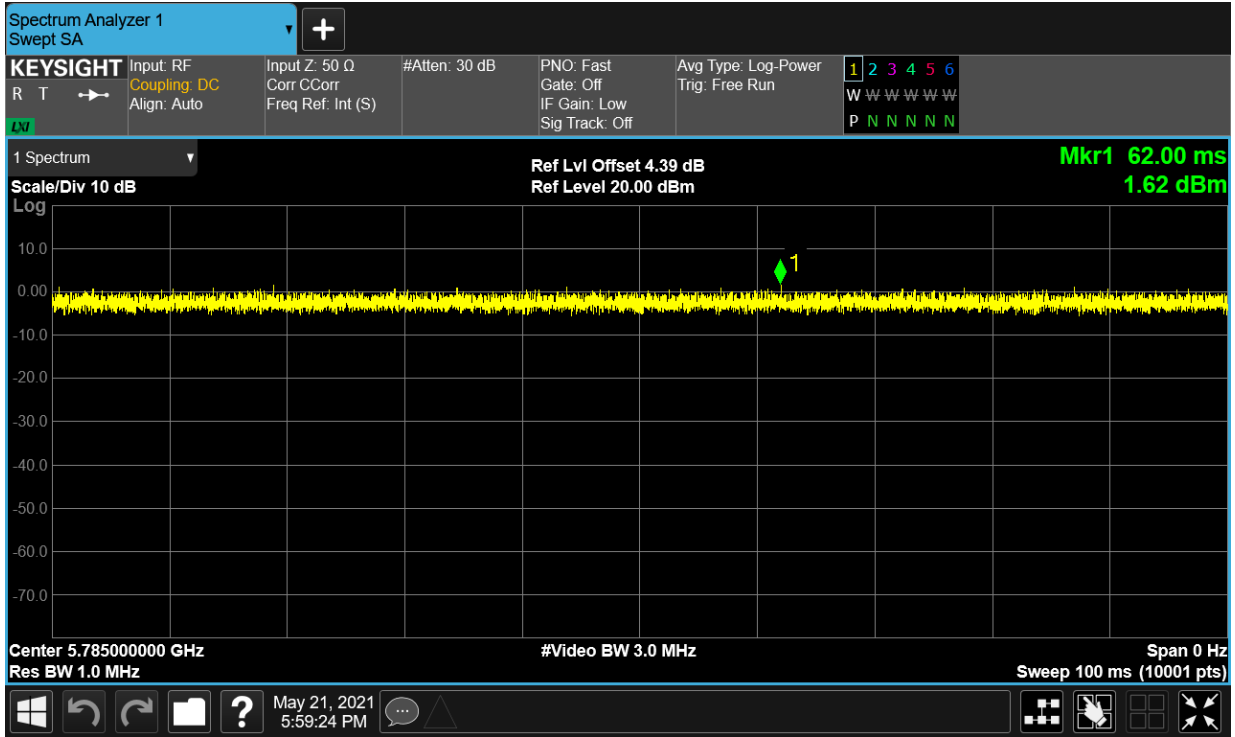
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0

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

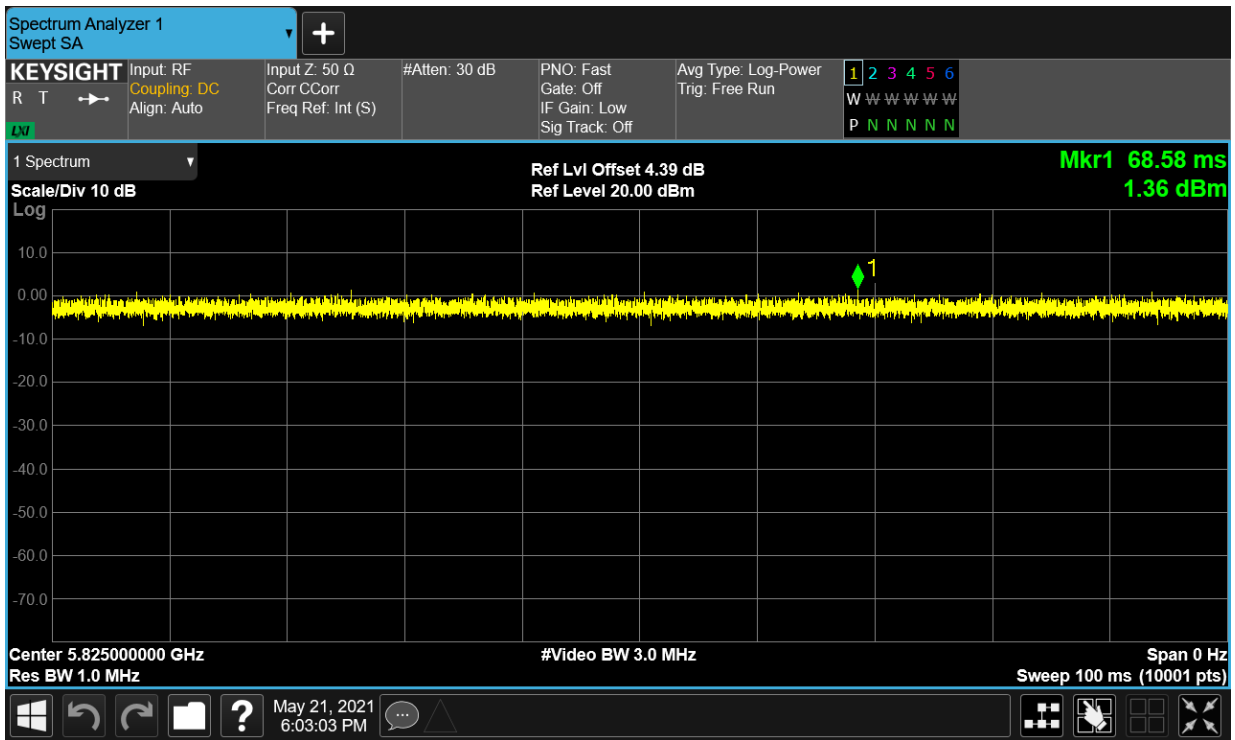
Duty Cycle NVNT a 5745MHz Ant1



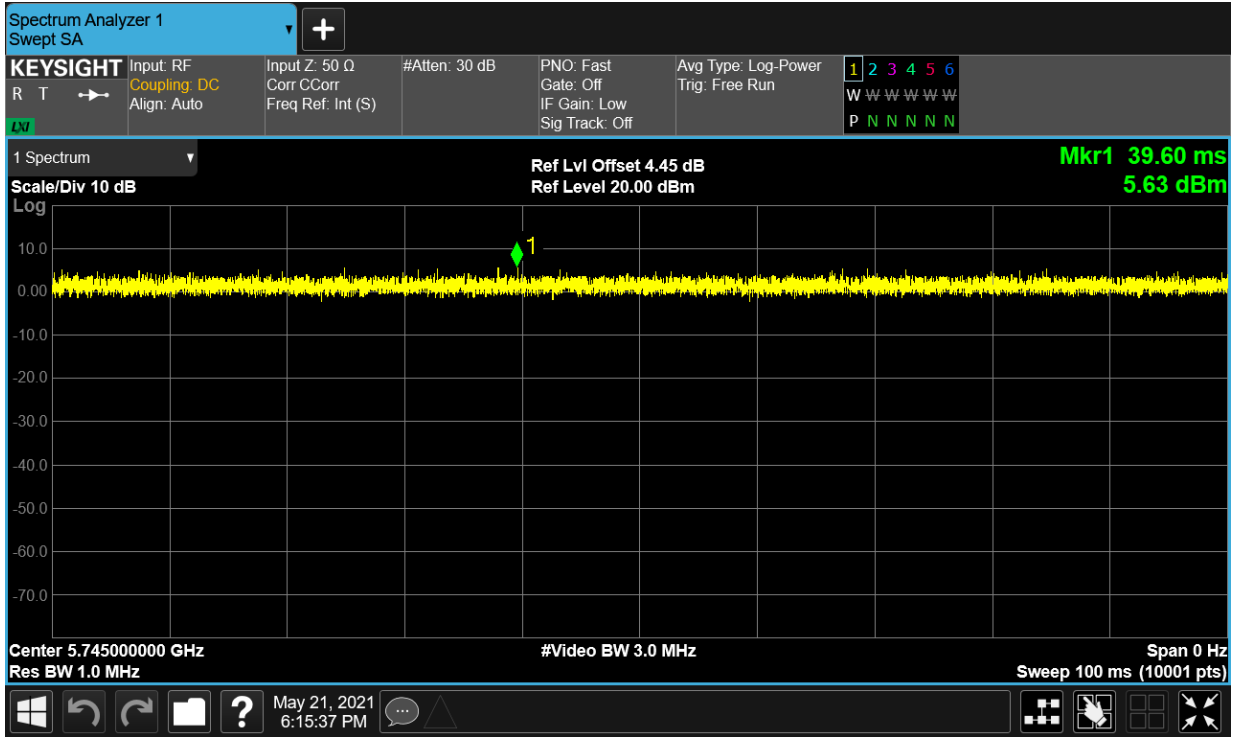
Duty Cycle NVNT a 5785MHz Ant1



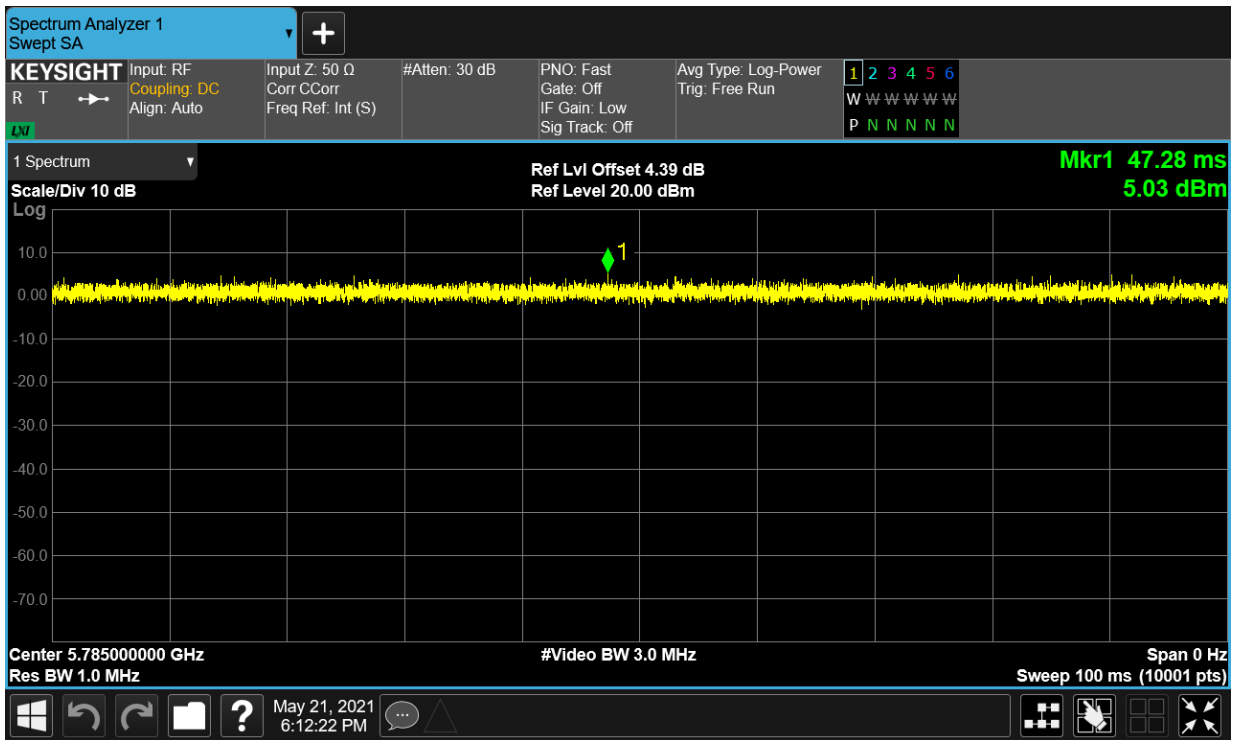
Duty Cycle NVNT a 5825MHz Ant1



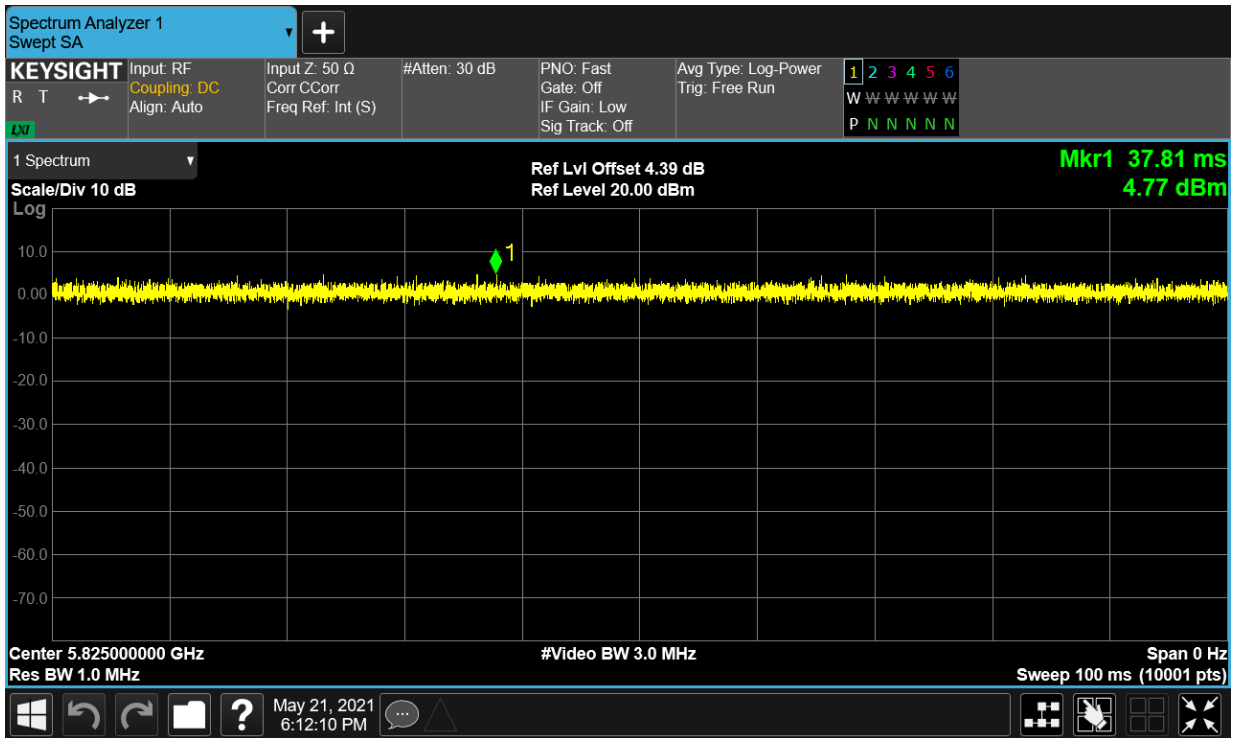
Duty Cycle NVNT ac20 5745MHz Ant1



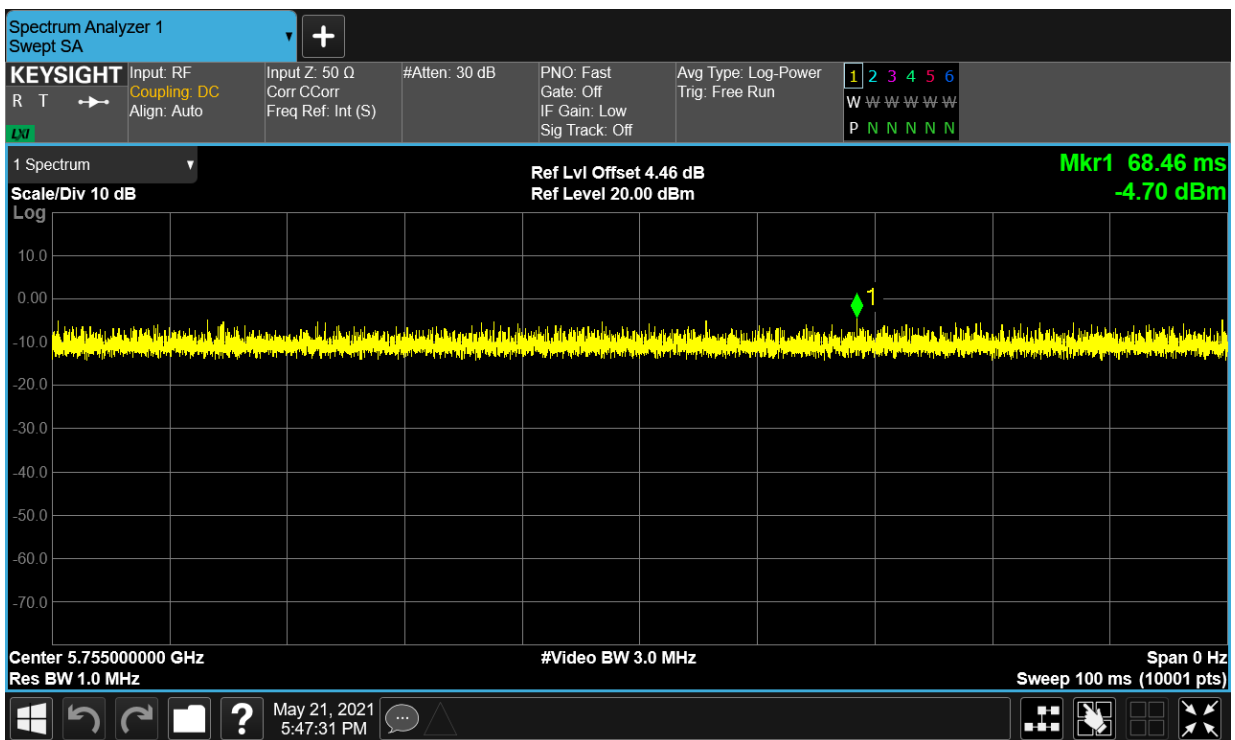
Duty Cycle NVNT ac20 5785MHz Ant1



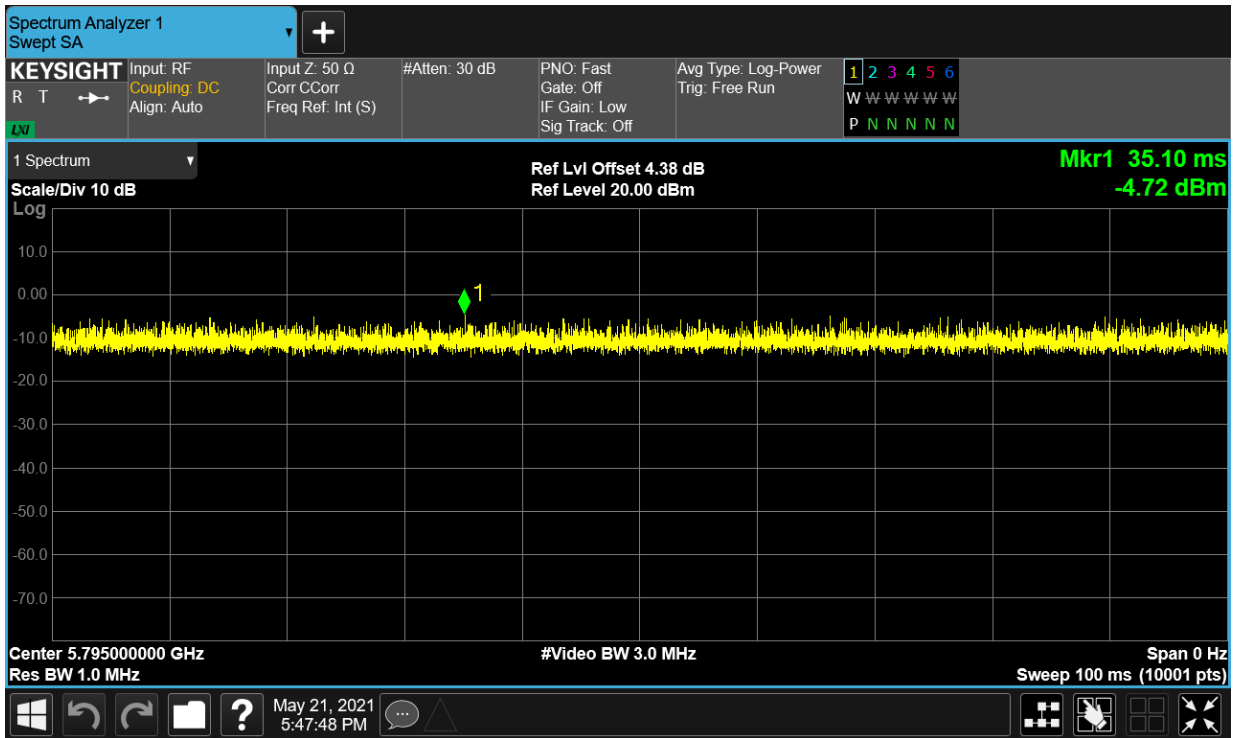
Duty Cycle NVNT ac20 5825MHz Ant1



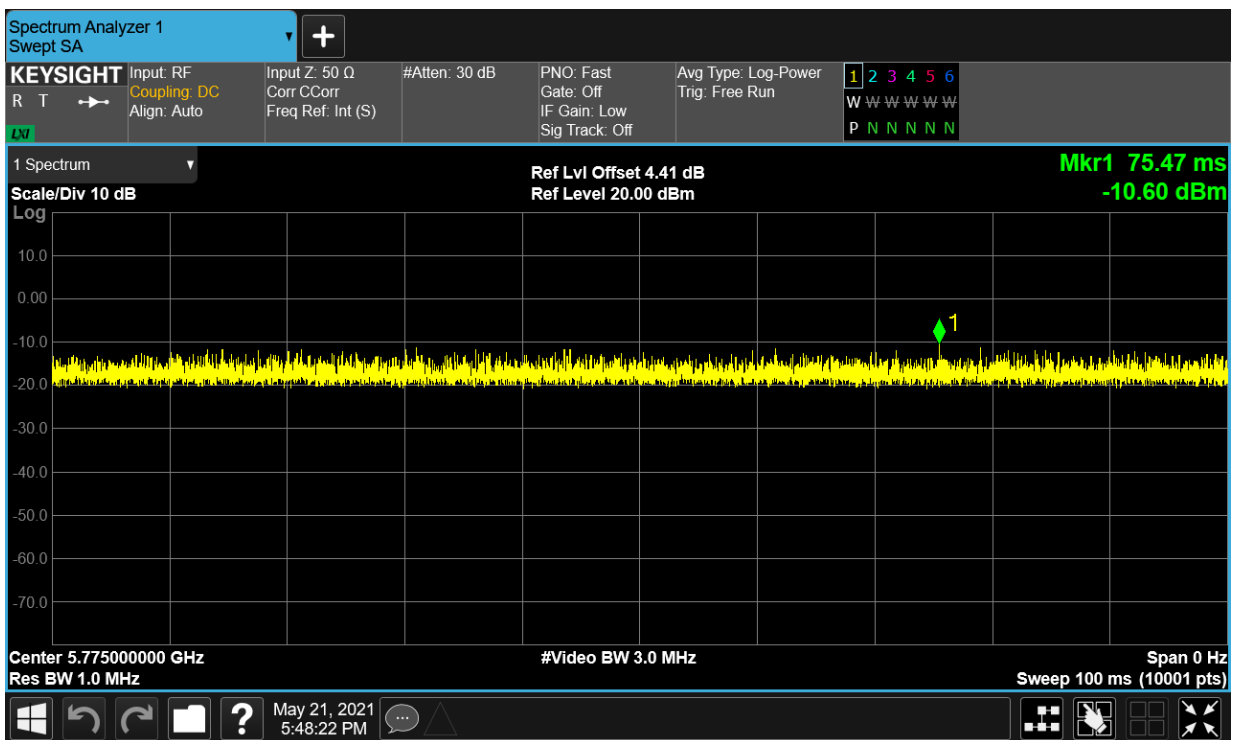
Duty Cycle NVNT ac40 5755MHz Ant1



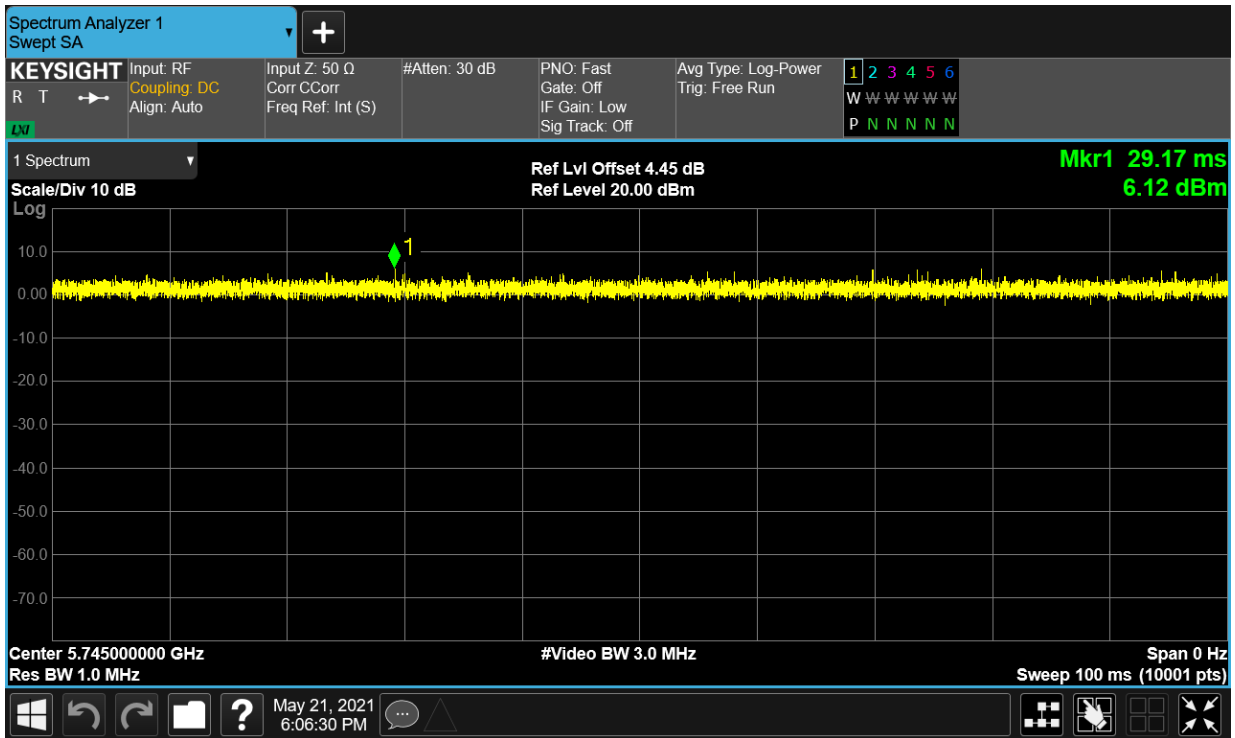
Duty Cycle NVNT ac40 5795MHz Ant1



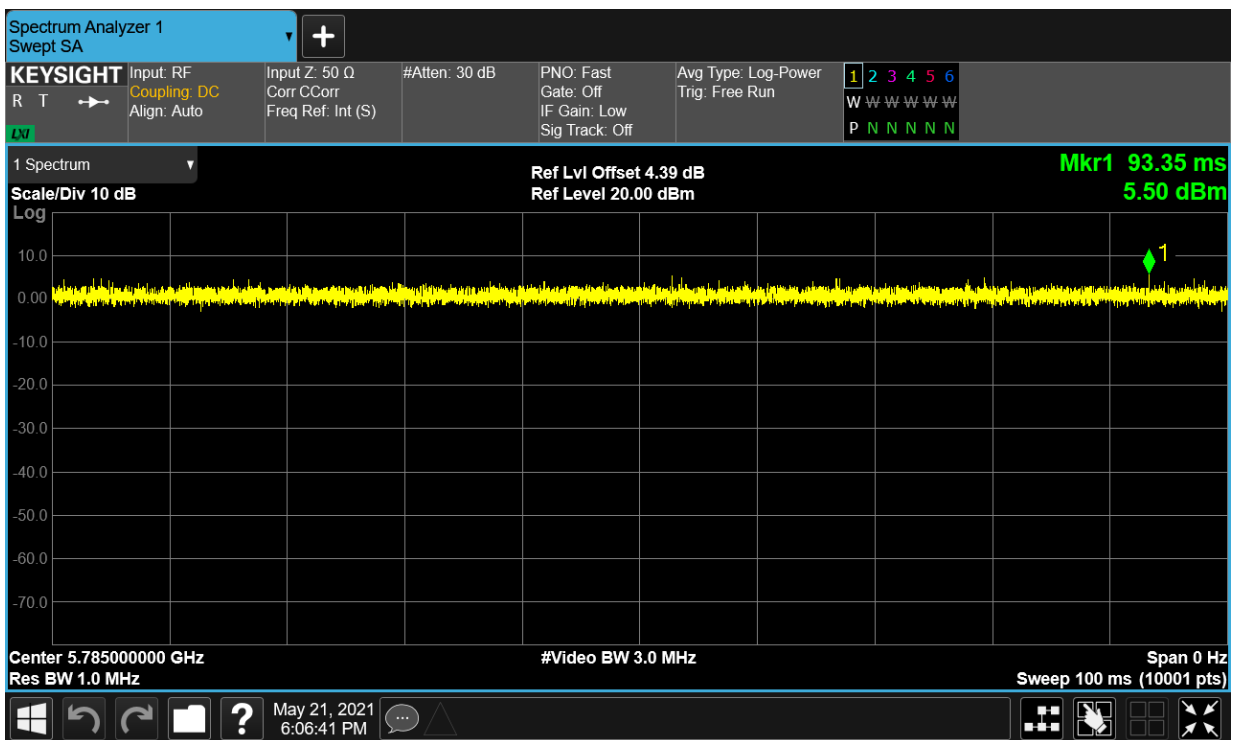
Duty Cycle NVNT ac80 5775MHz Ant1



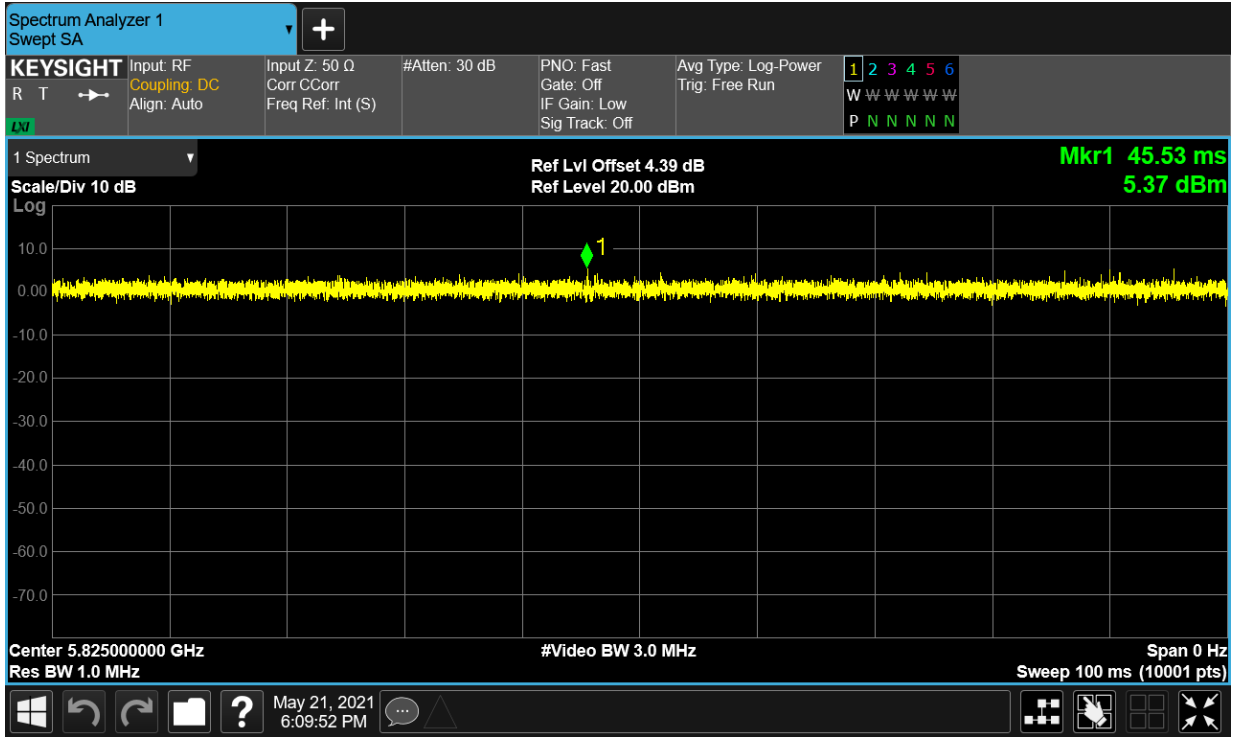
Duty Cycle NVNT n20 5745MHz Ant1



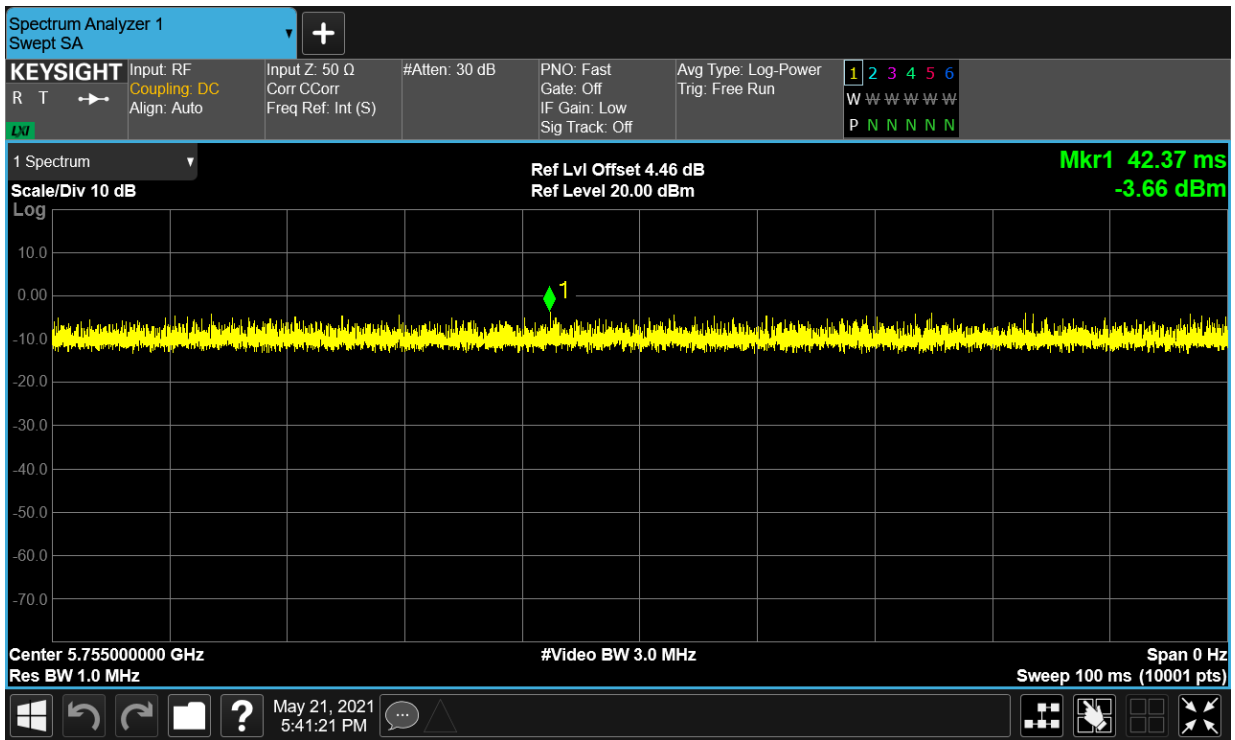
Duty Cycle NVNT n20 5785MHz Ant1



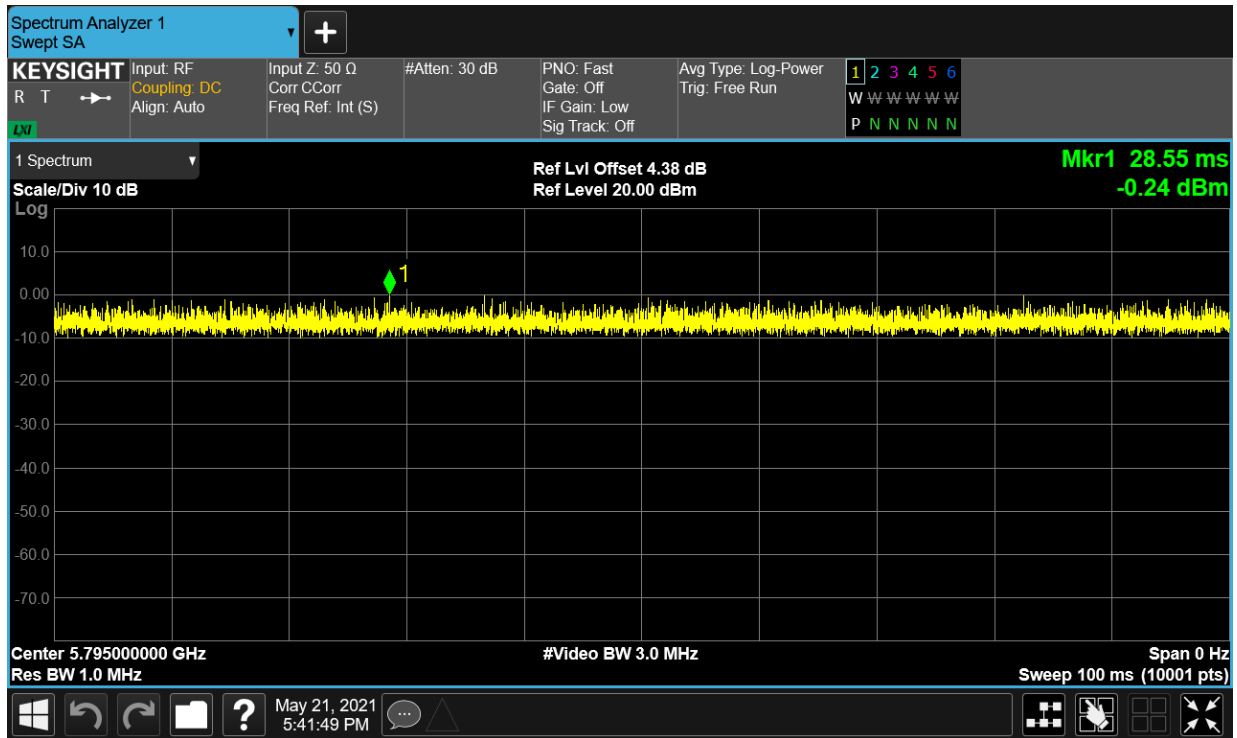
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

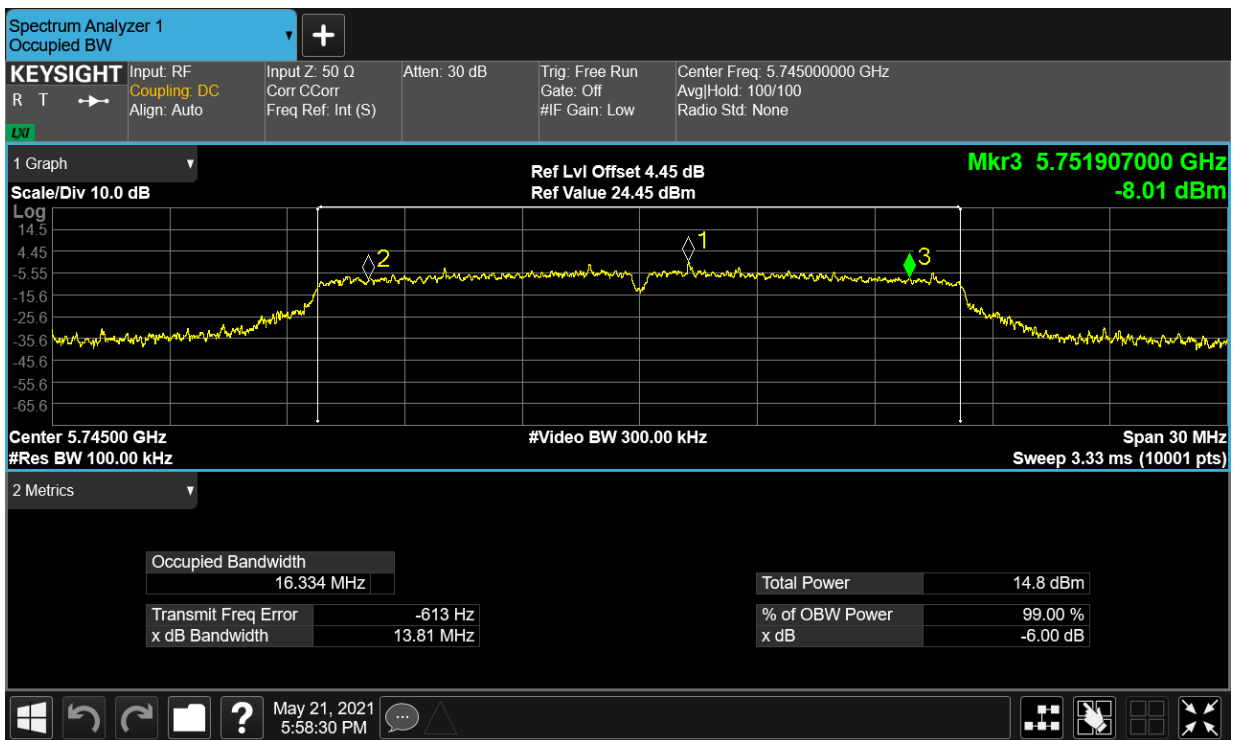
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.73	0	8.73	30	Pass
NVNT	a	5785	Ant1	8.91	0	8.91	30	Pass
NVNT	a	5825	Ant1	9.45	0	9.45	30	Pass
NVNT	ac20	5745	Ant1	8.64	0	8.64	30	Pass
NVNT	ac20	5785	Ant1	8.84	0	8.84	30	Pass
NVNT	ac20	5825	Ant1	9.33	0	9.33	30	Pass
NVNT	ac40	5755	Ant1	4.3	0	4.3	30	Pass
NVNT	ac40	5795	Ant1	3.88	0	3.88	30	Pass
NVNT	ac80	5775	Ant1	4.68	0	4.68	30	Pass
NVNT	n20	5745	Ant1	9.11	0	9.11	30	Pass
NVNT	n20	5785	Ant1	8.78	0	8.78	30	Pass
NVNT	n20	5825	Ant1	9.3	0	9.3	30	Pass
NVNT	n40	5755	Ant1	4.81	0	4.81	30	Pass
NVNT	n40	5795	Ant1	3.87	0	3.87	30	Pass

-6dB Bandwidth

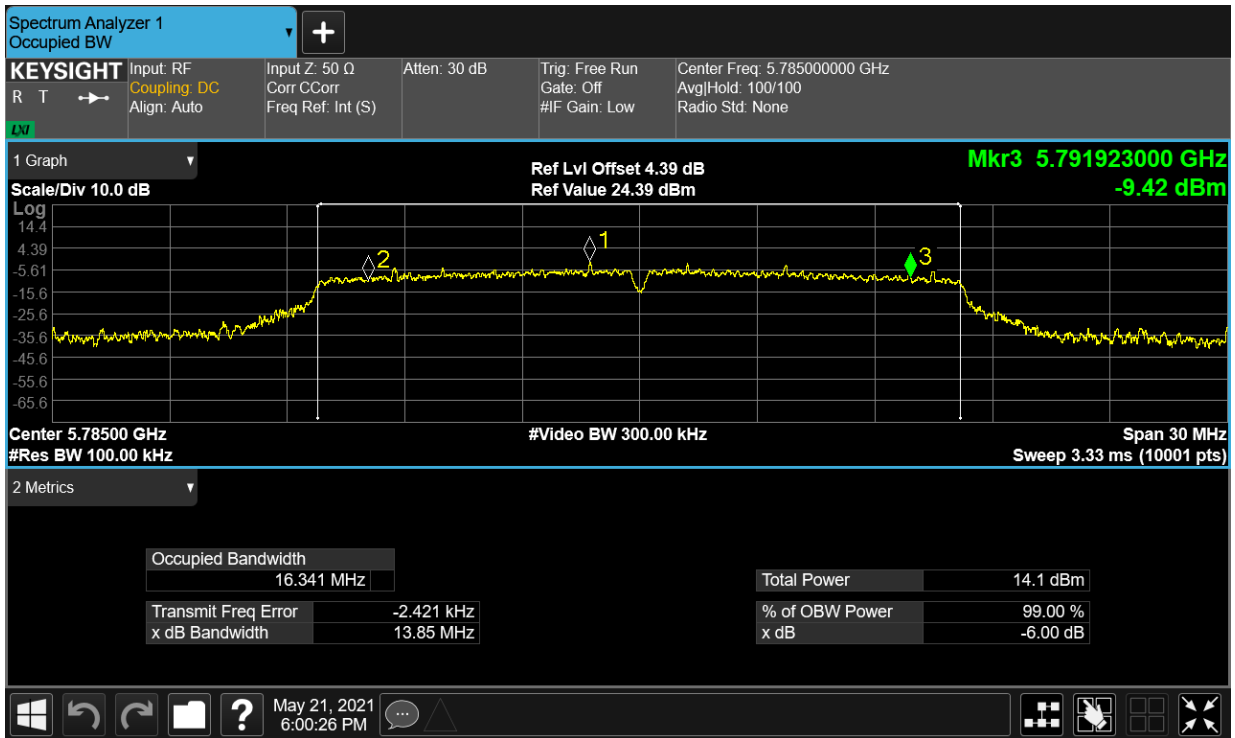
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	13.815	0.5	Pass
NVNT	a	5785	Ant1	13.85	0.5	Pass
NVNT	a	5825	Ant1	15.453	0.5	Pass
NVNT	ac20	5745	Ant1	14.182	0.5	Pass

NVNT	ac20	5785	Ant1	15.077	0.5	Pass
NVNT	ac20	5825	Ant1	15.014	0.5	Pass
NVNT	ac40	5755	Ant1	33.816	0.5	Pass
NVNT	ac40	5795	Ant1	31.338	0.5	Pass
NVNT	ac80	5775	Ant1	75.304	0.5	Pass
NVNT	n20	5745	Ant1	13.765	0.5	Pass
NVNT	n20	5785	Ant1	13.832	0.5	Pass
NVNT	n20	5825	Ant1	14.995	0.5	Pass
NVNT	n40	5755	Ant1	35.023	0.5	Pass
NVNT	n40	5795	Ant1	32.623	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1



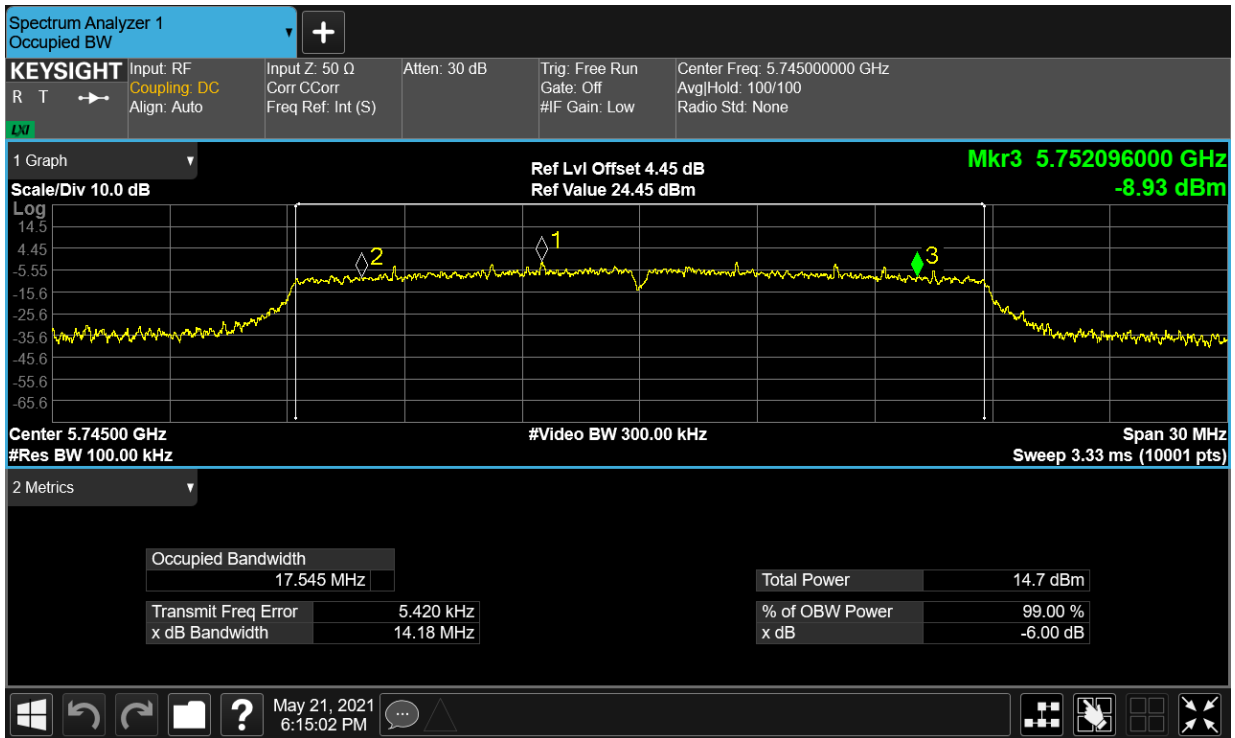
-6dB Bandwidth NVNT a 5785MHz Ant1



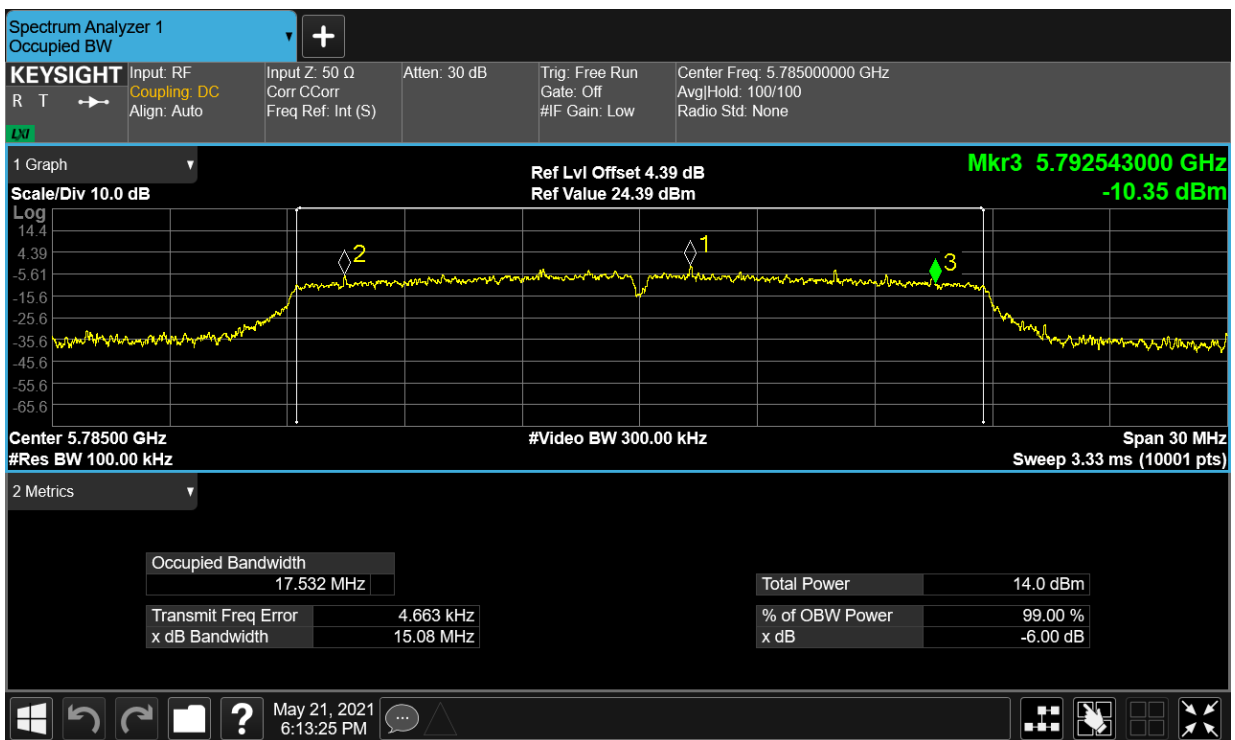
-6dB Bandwidth NVNT a 5825MHz Ant1



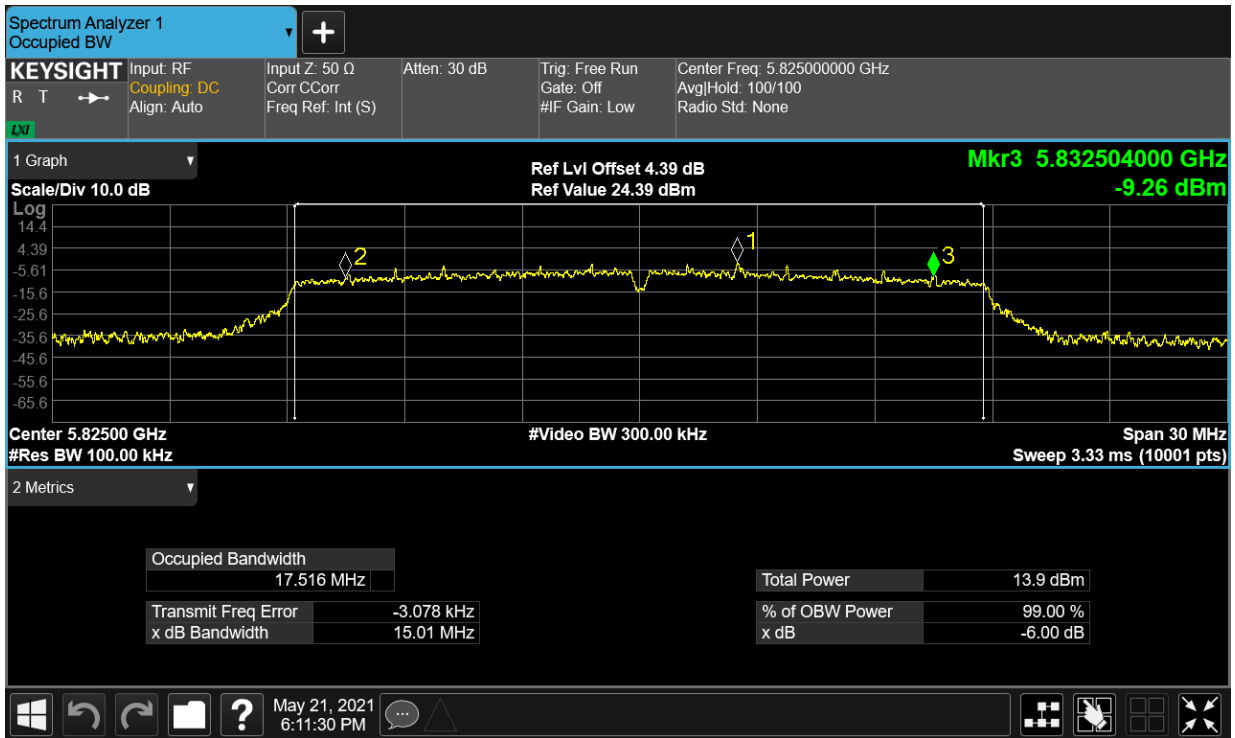
-6dB Bandwidth NVNT ac20 5745MHz Ant1



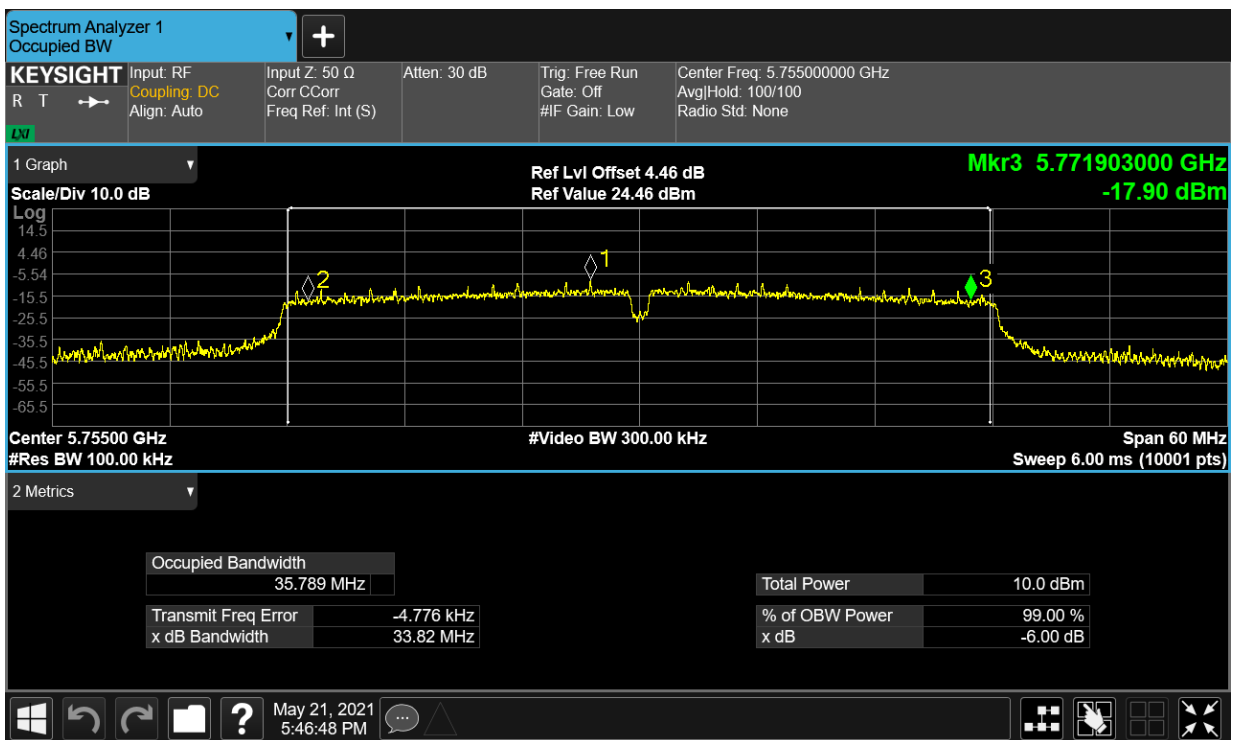
-6dB Bandwidth NVNT ac20 5785MHz Ant1



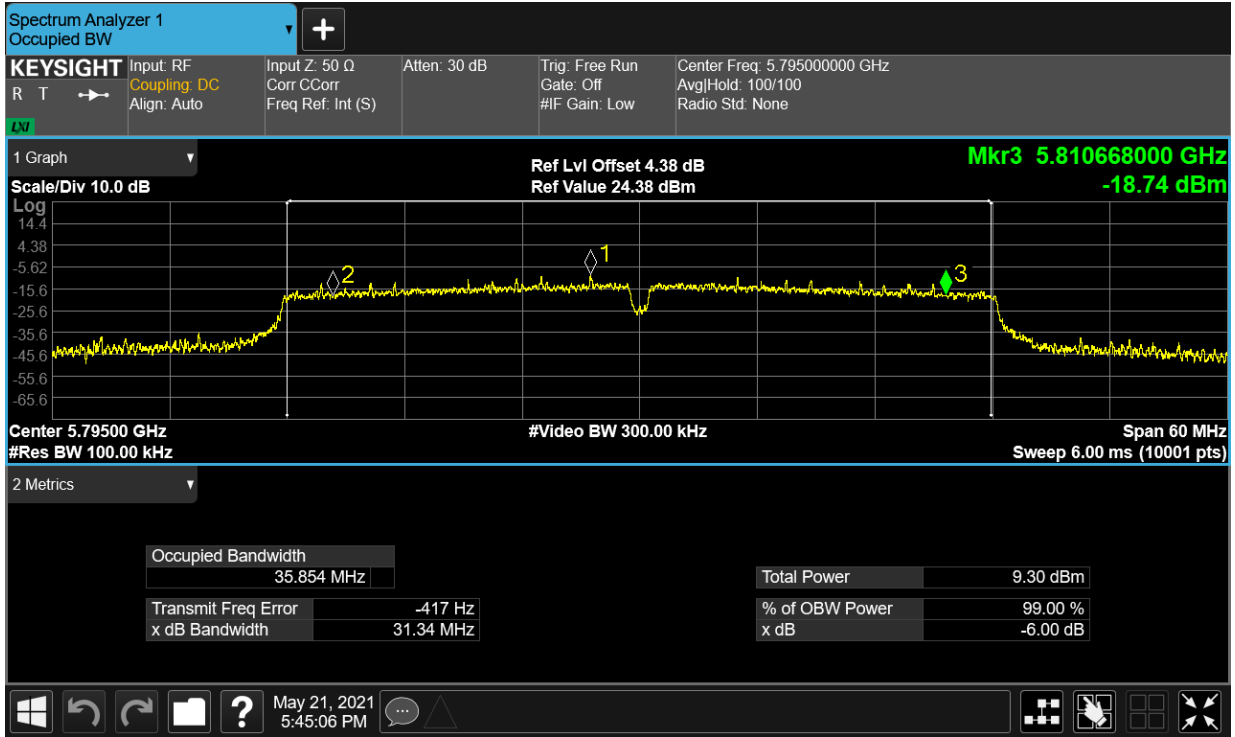
-6dB Bandwidth NVNT ac20 5825MHz Ant1



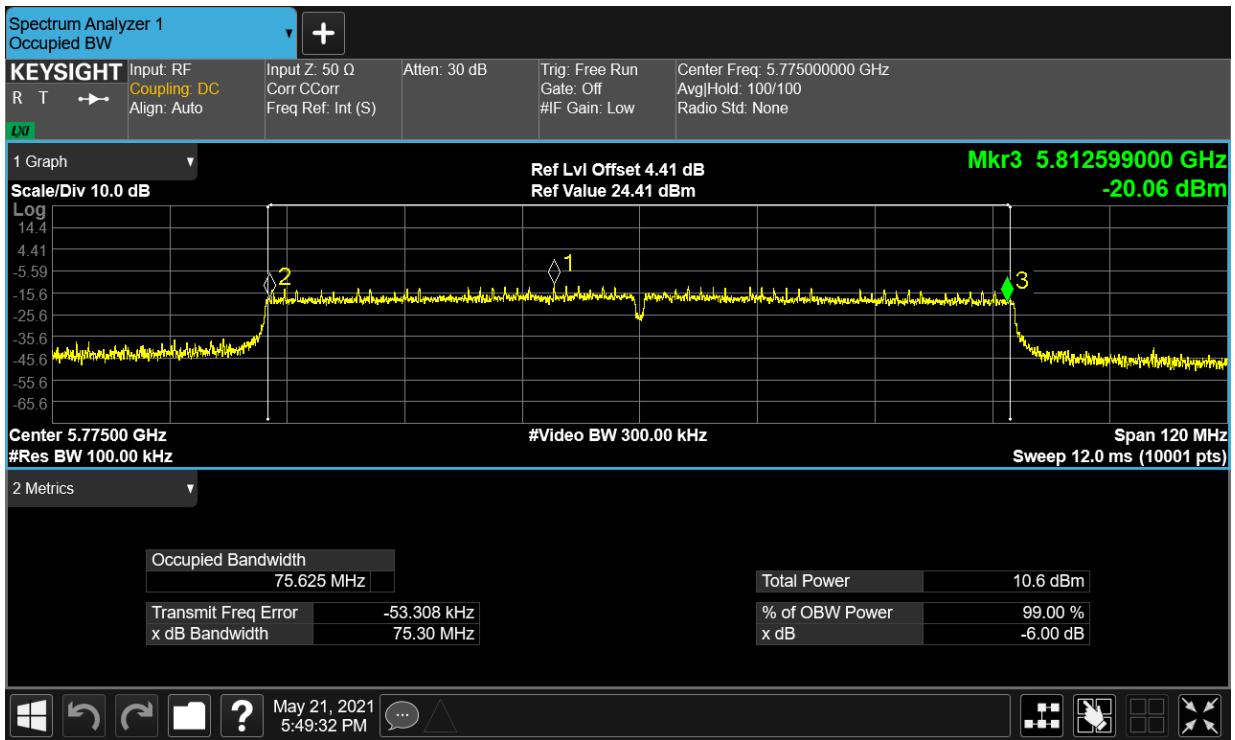
-6dB Bandwidth NVNT ac40 5755MHz Ant1



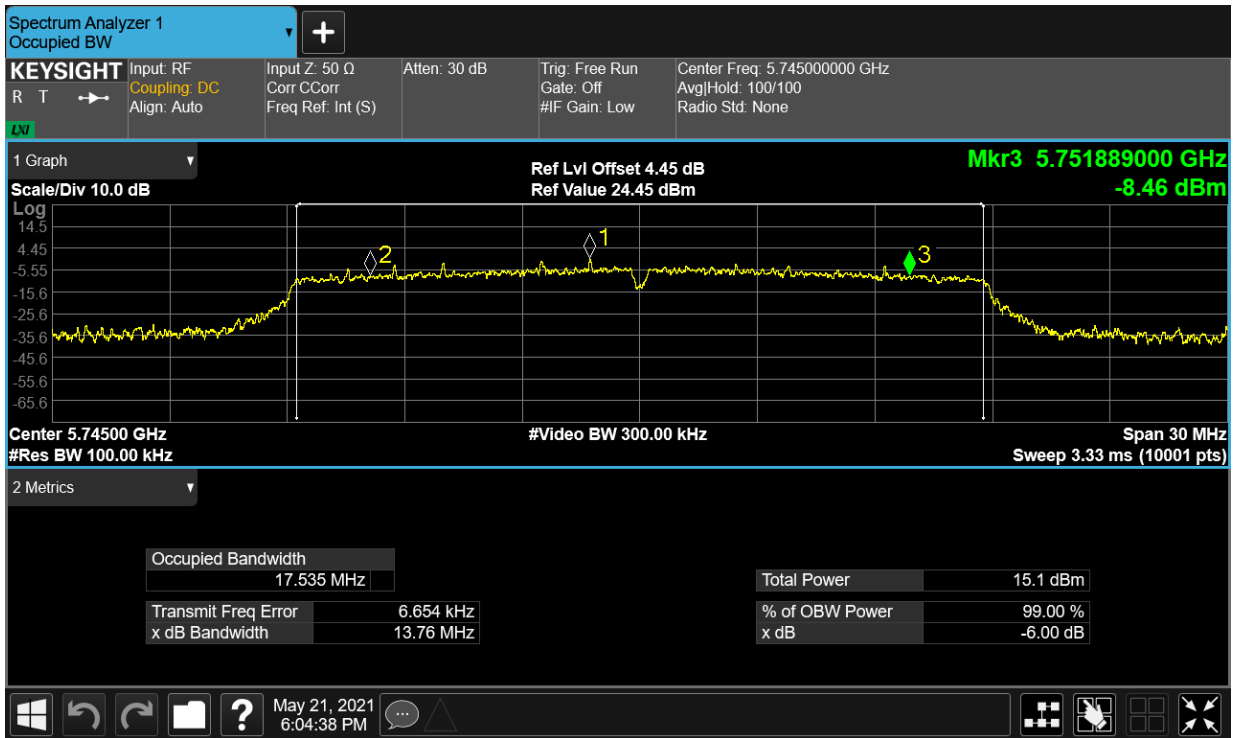
-6dB Bandwidth NVNT ac40 5795MHz Ant1



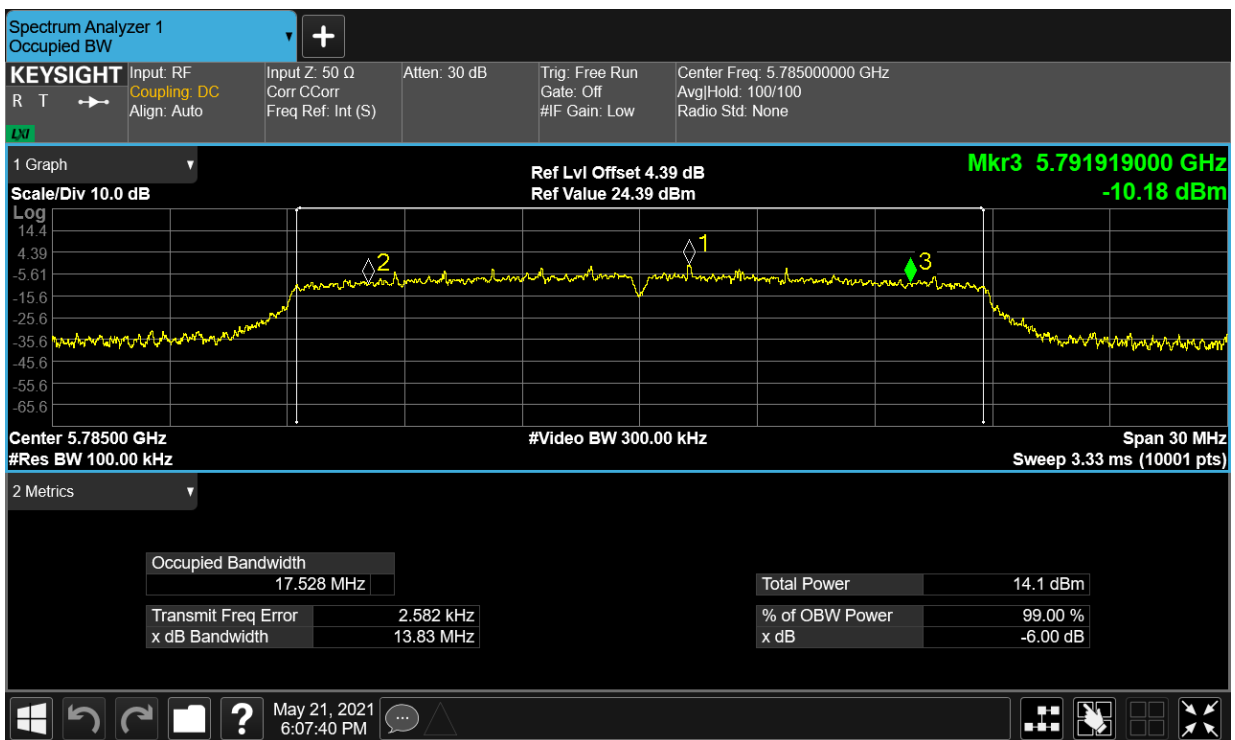
-6dB Bandwidth NVNT ac80 5775MHz Ant1



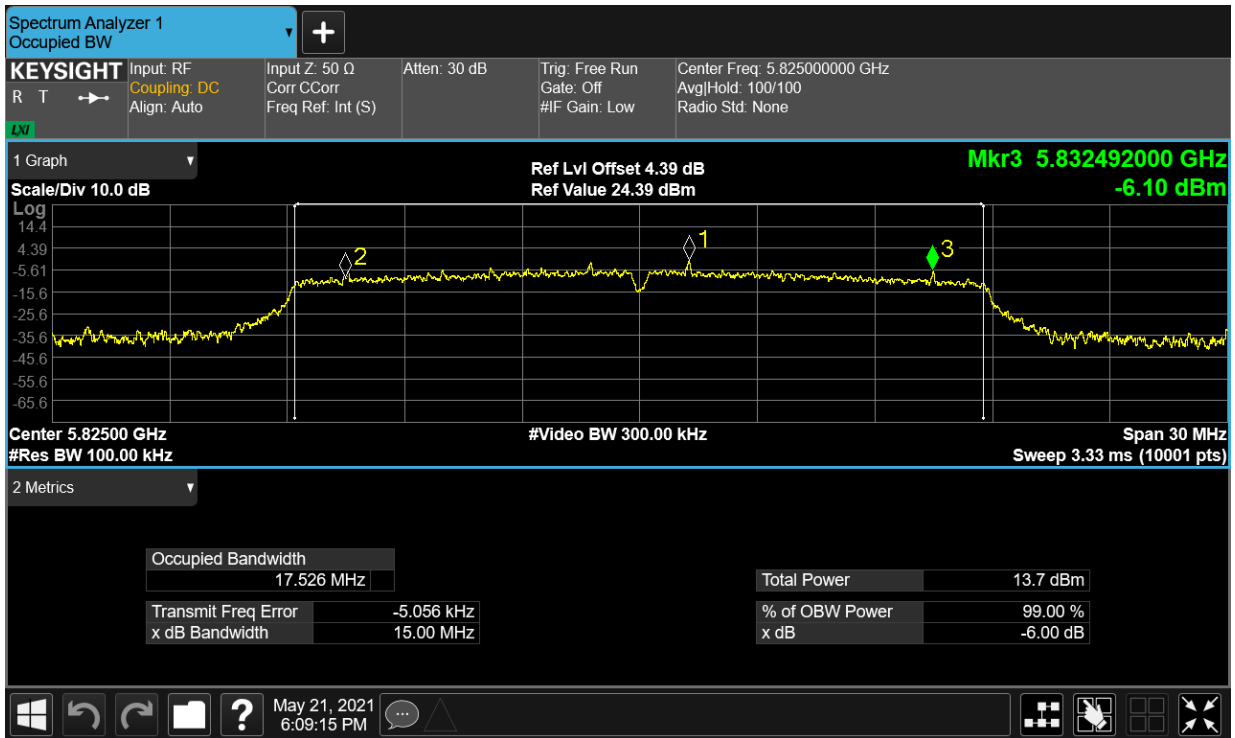
-6dB Bandwidth NVNT n20 5745MHz Ant1



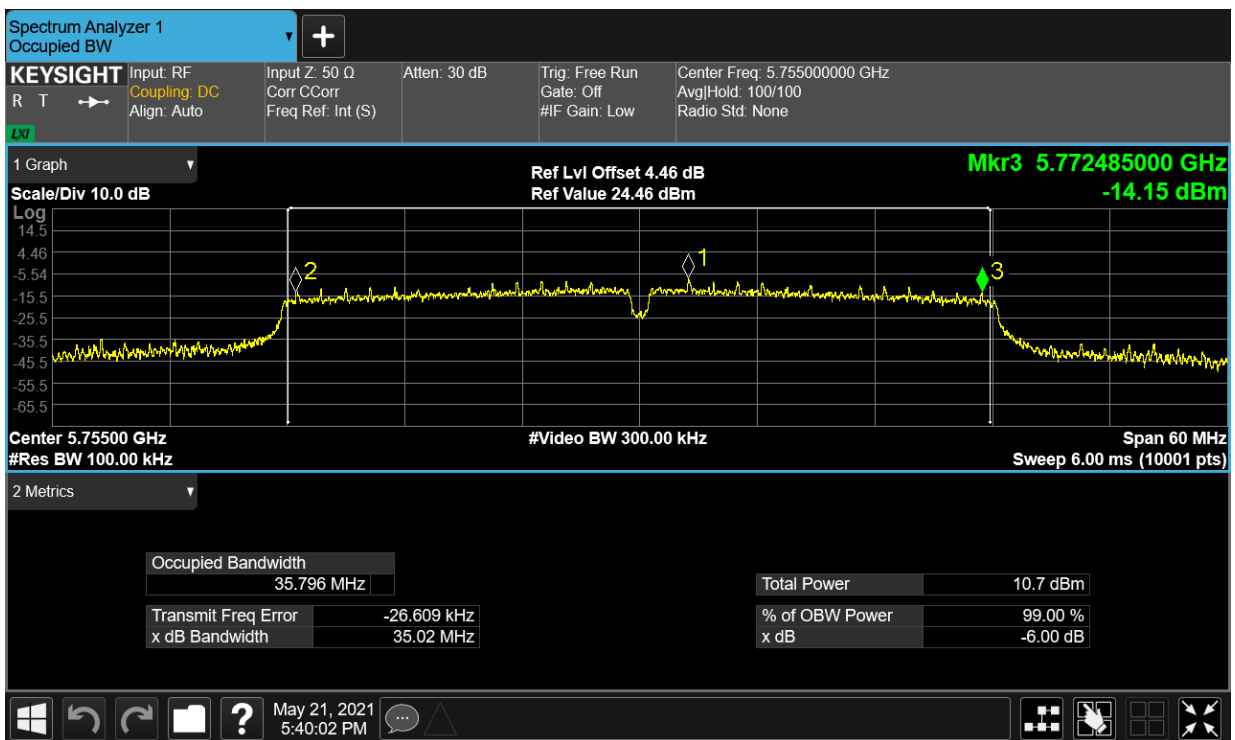
-6dB Bandwidth NVNT n20 5785MHz Ant1



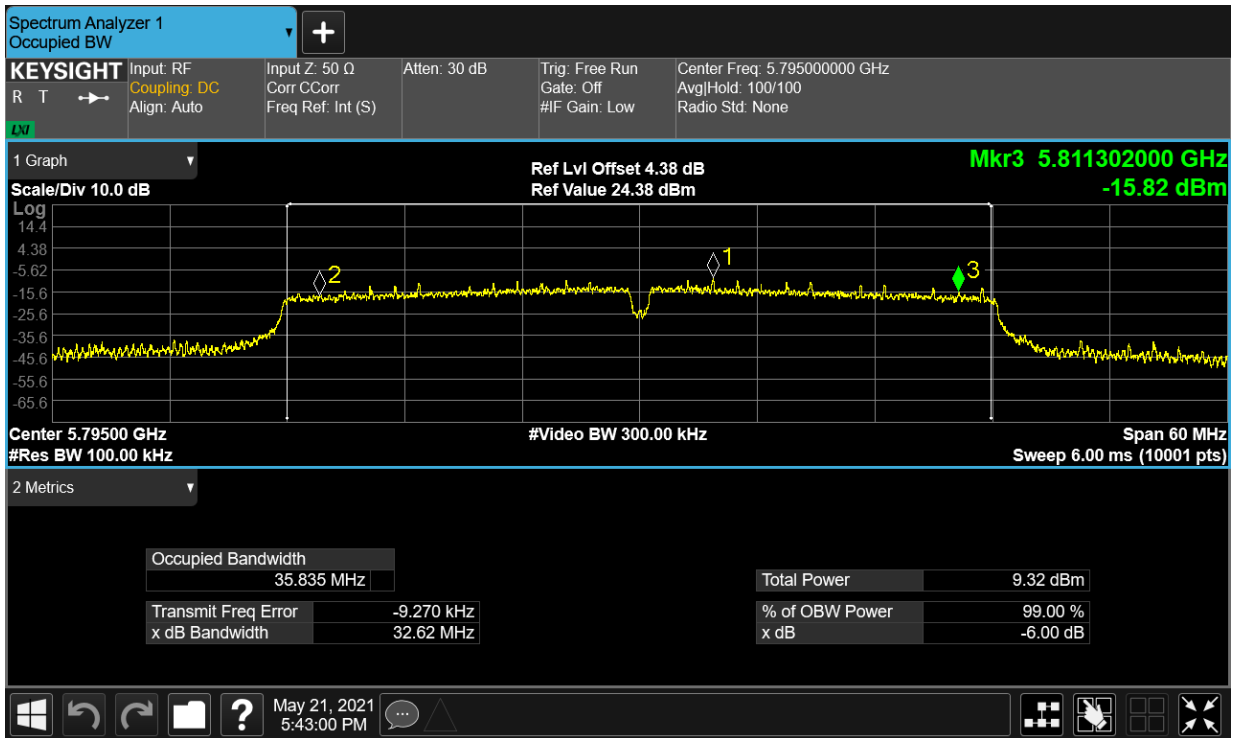
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



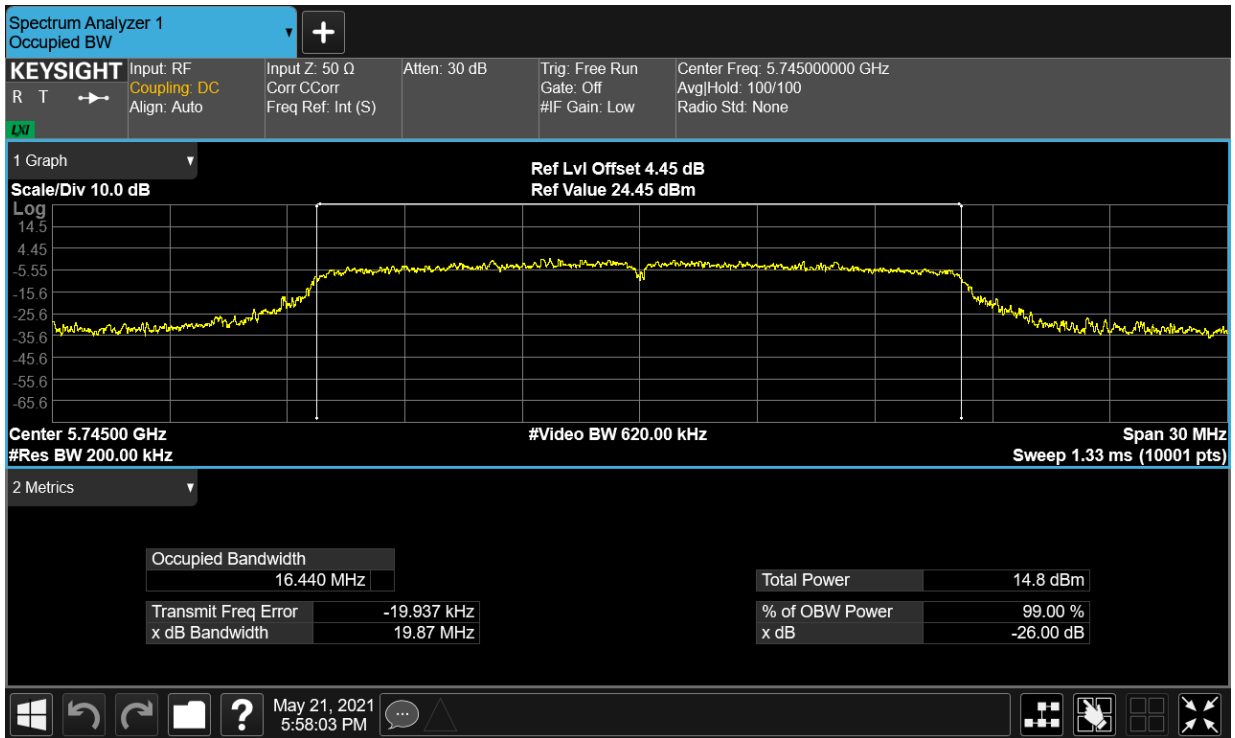
-6dB Bandwidth NVNT n40 5795MHz Ant1



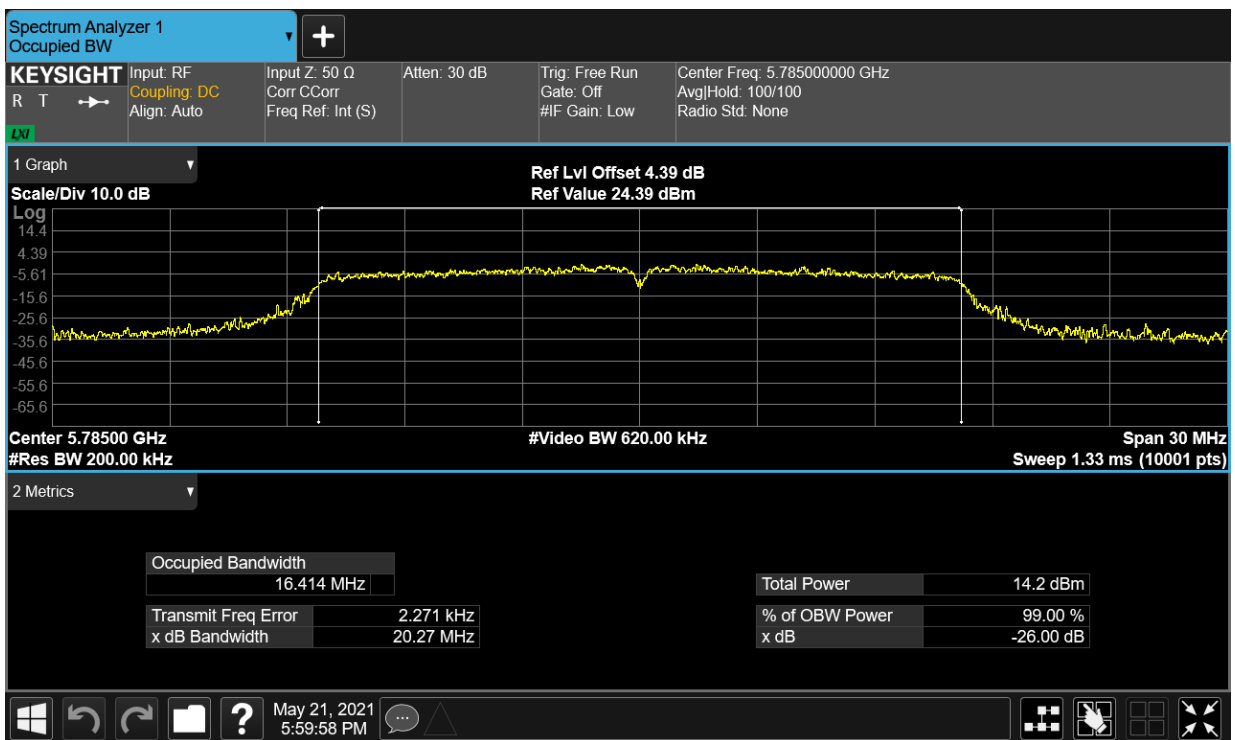
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.43968275
NVNT	a	5785	Ant1	16.4144657
NVNT	a	5825	Ant1	16.40997538
NVNT	ac20	5745	Ant1	17.55271218
NVNT	ac20	5785	Ant1	17.54374875
NVNT	ac20	5825	Ant1	17.53757986
NVNT	ac40	5755	Ant1	35.90724883
NVNT	ac40	5795	Ant1	36.01374016
NVNT	ac80	5775	Ant1	75.76489885
NVNT	n20	5745	Ant1	17.56315842
NVNT	n20	5785	Ant1	17.58897799
NVNT	n20	5825	Ant1	17.53335919
NVNT	n40	5755	Ant1	35.90855633
NVNT	n40	5795	Ant1	36.03236318

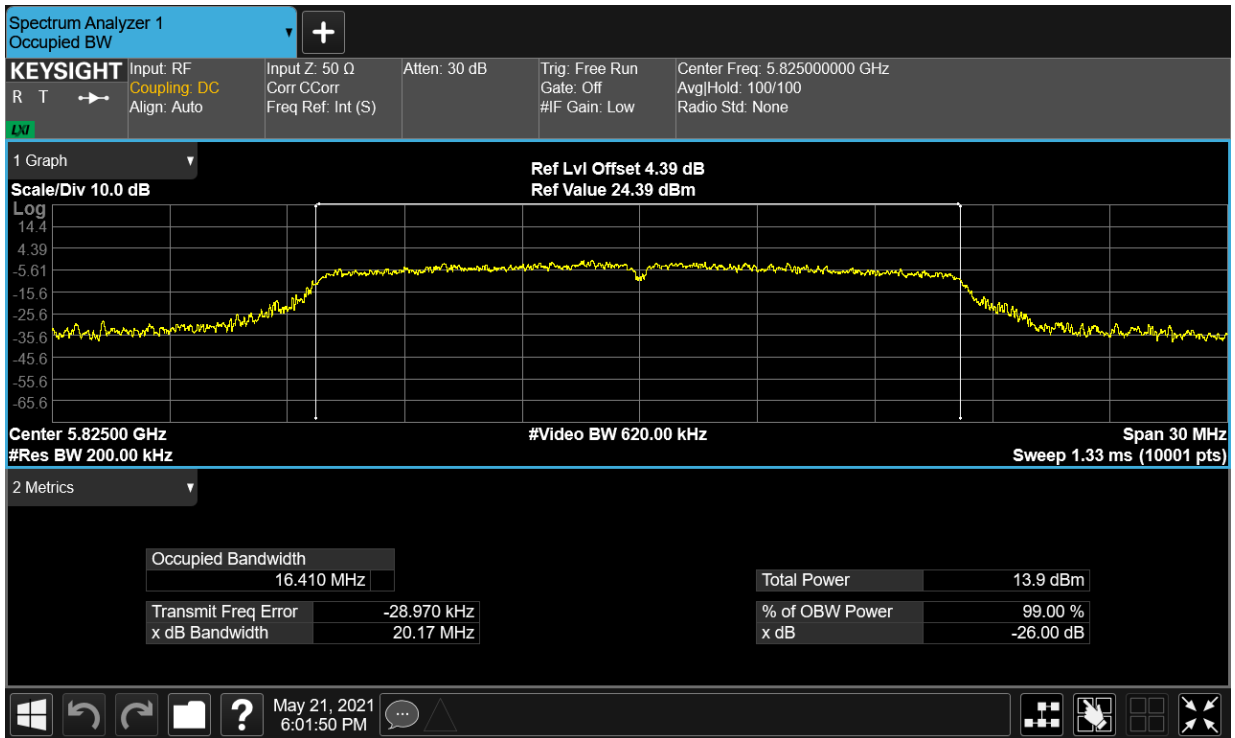
OBW NVNT a 5745MHz Ant1



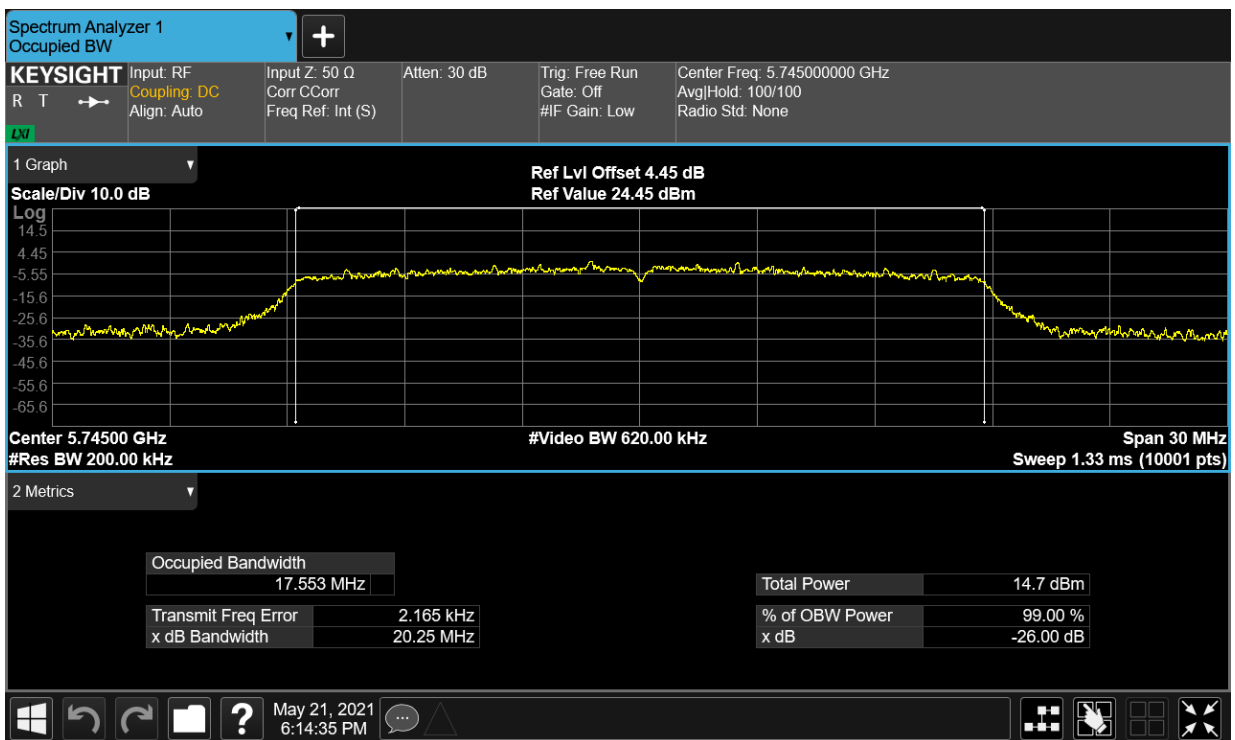
OBW NVNT a 5785MHz Ant1



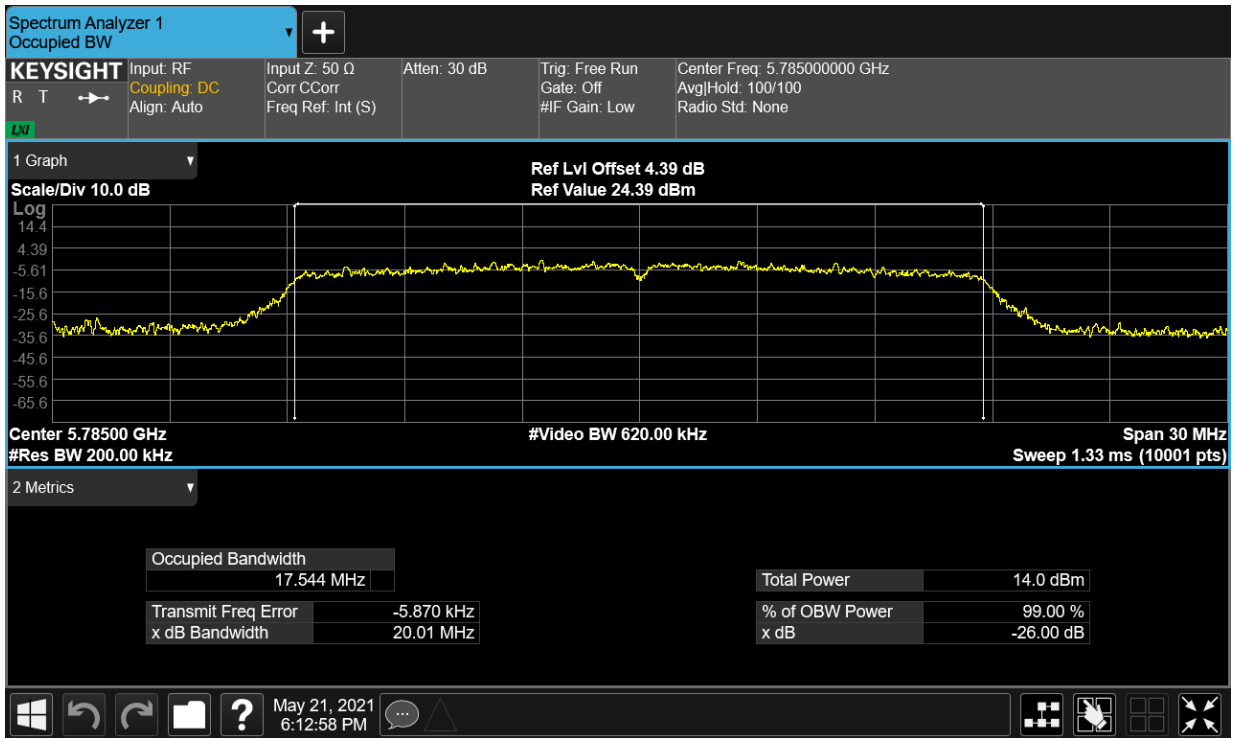
OBW NVNT a 5825MHz Ant1



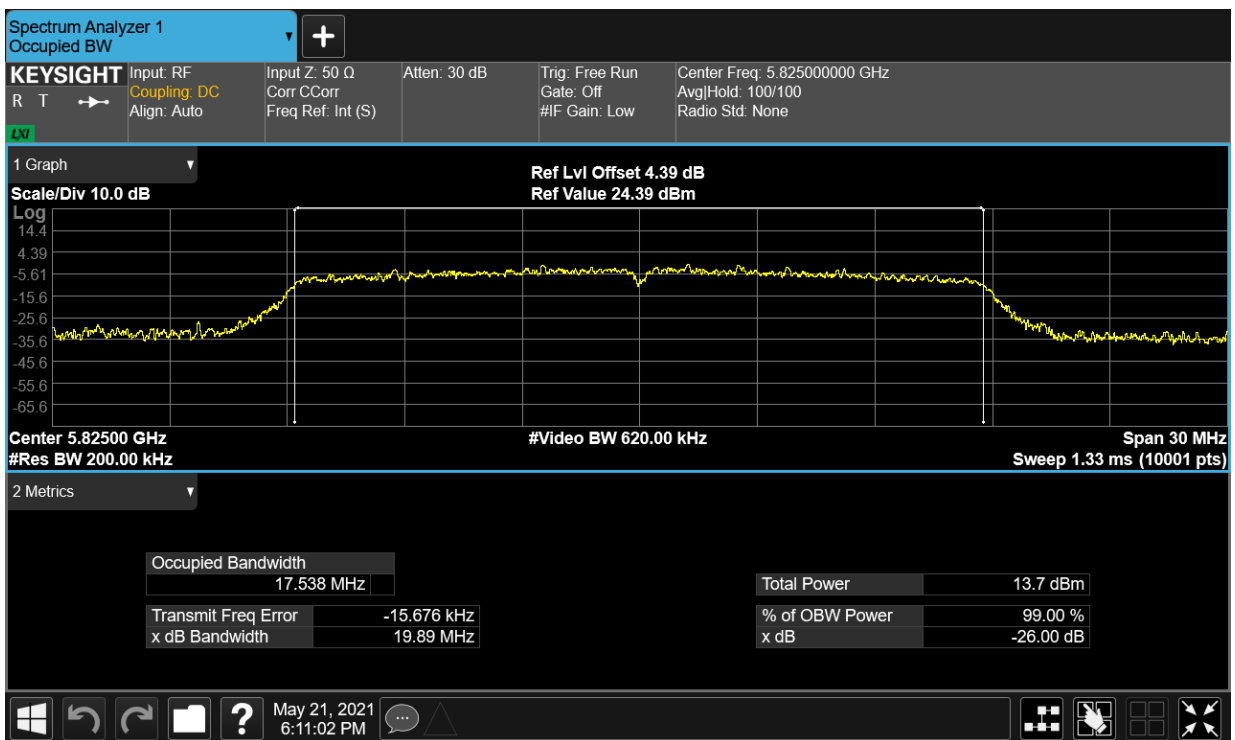
OBW NVNT ac20 5745MHz Ant1



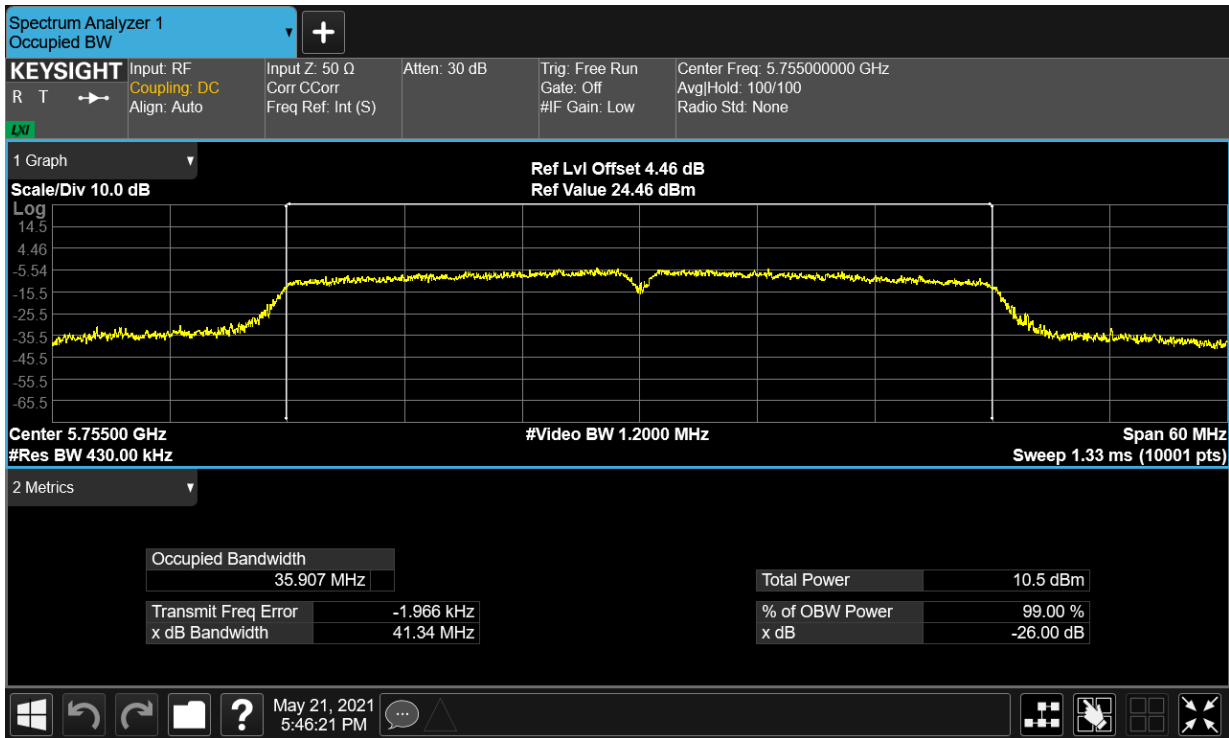
OBW NVNT ac20 5785MHz Ant1



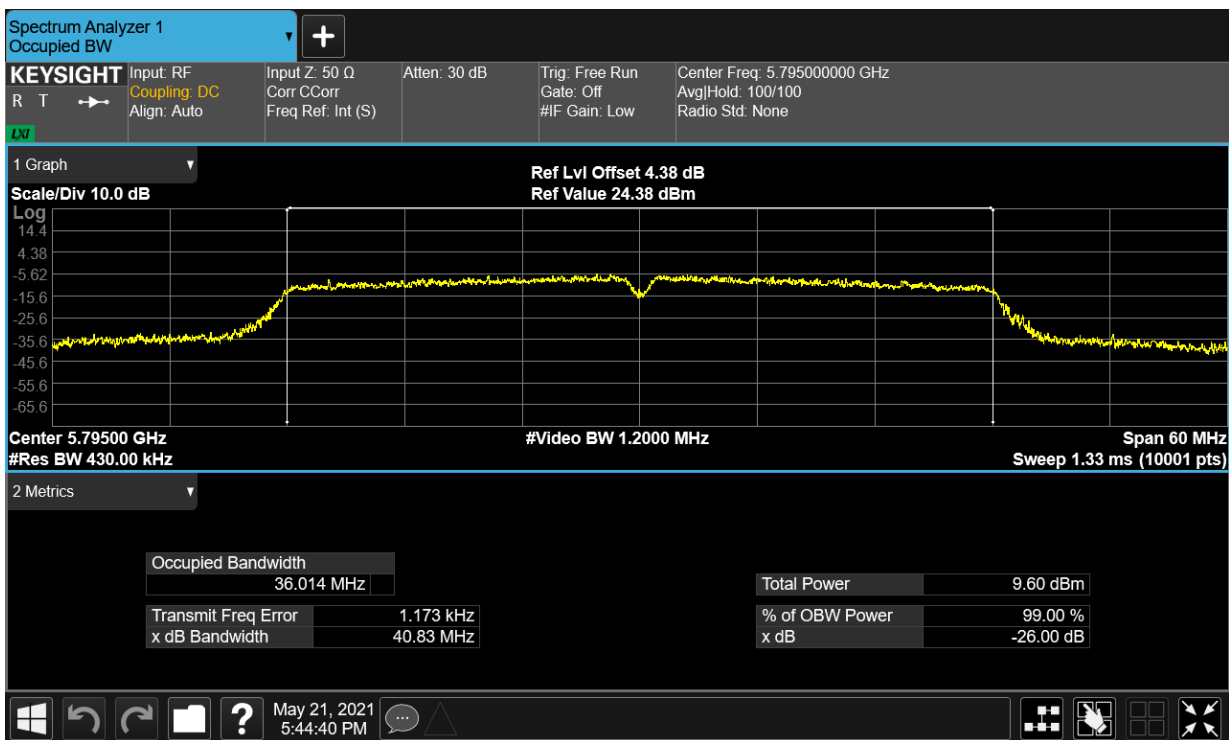
OBW NVNT ac20 5825MHz Ant1



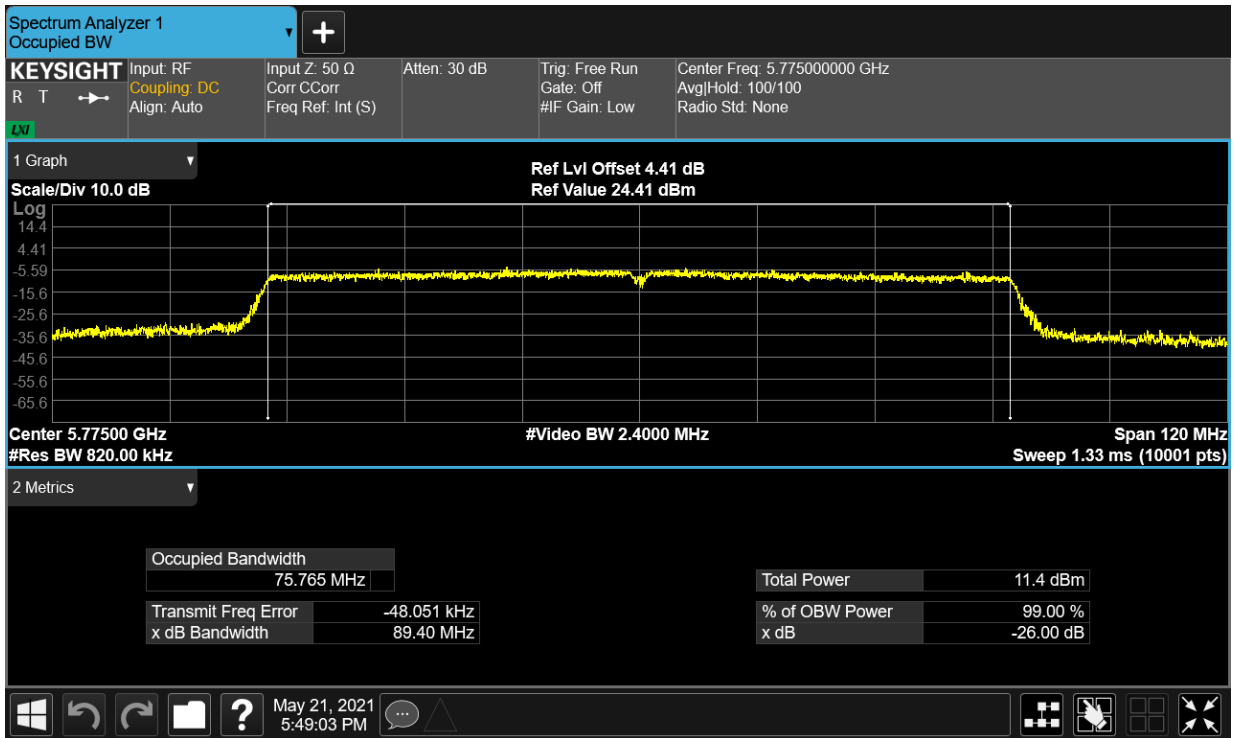
OBW NVNT ac40 5755MHz Ant1



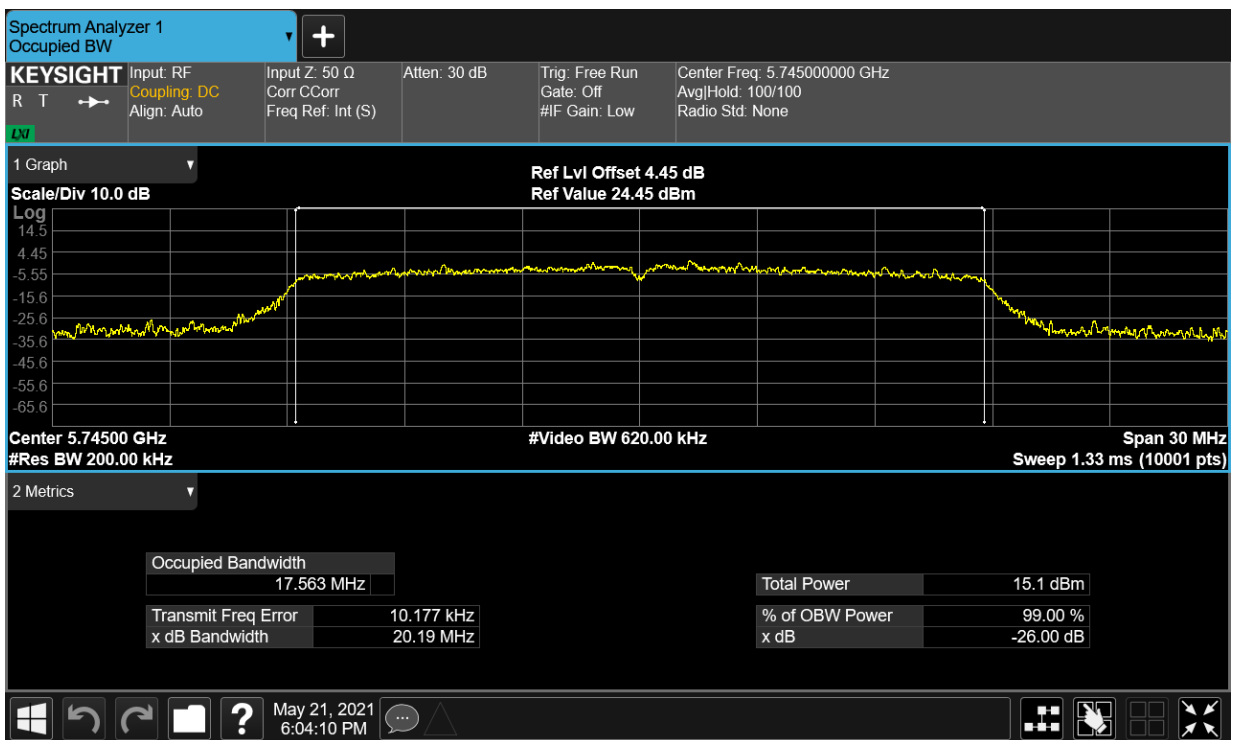
OBW NVNT ac40 5795MHz Ant1



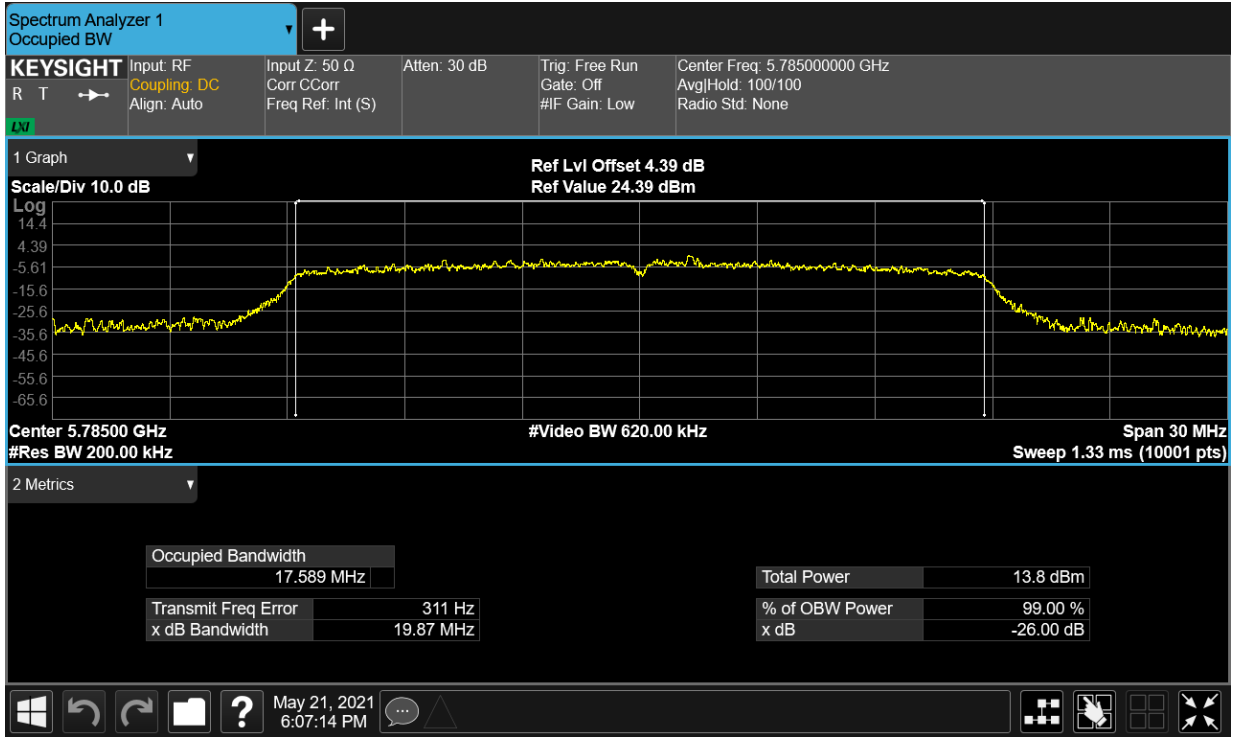
OBW NVNT ac80 5775MHz Ant1



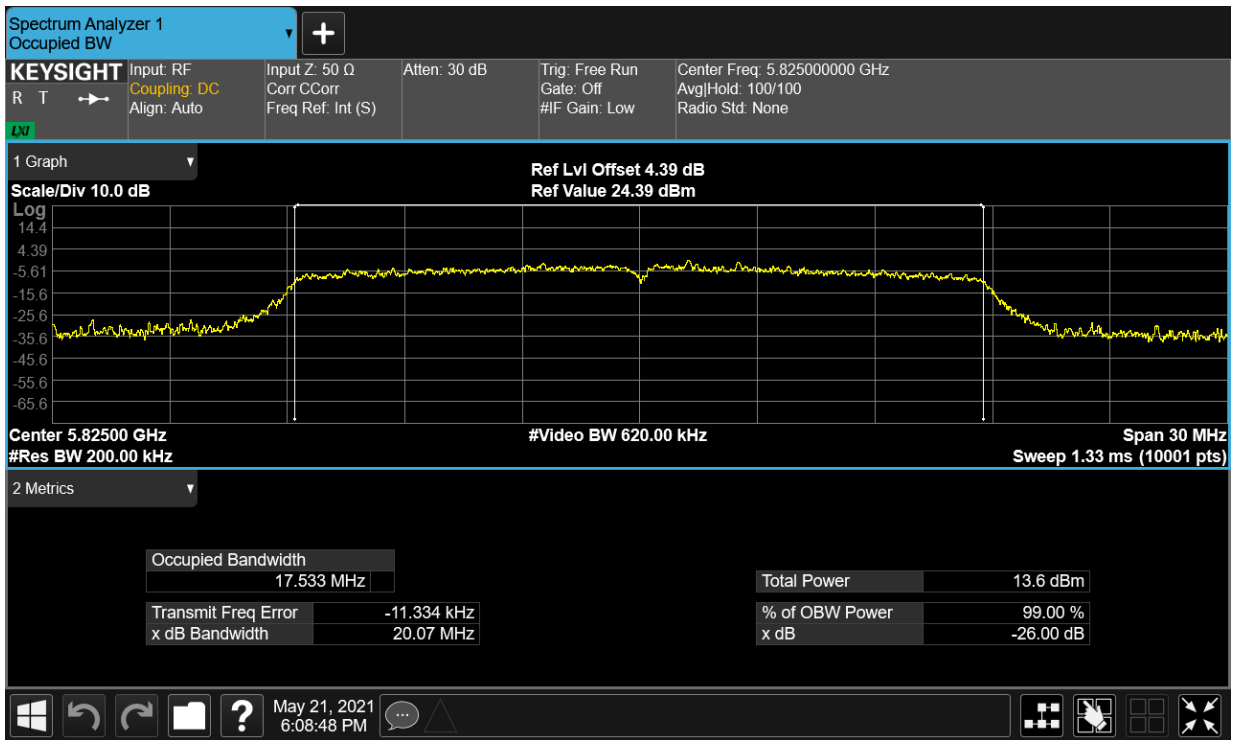
OBW NVNT n20 5745MHz Ant1



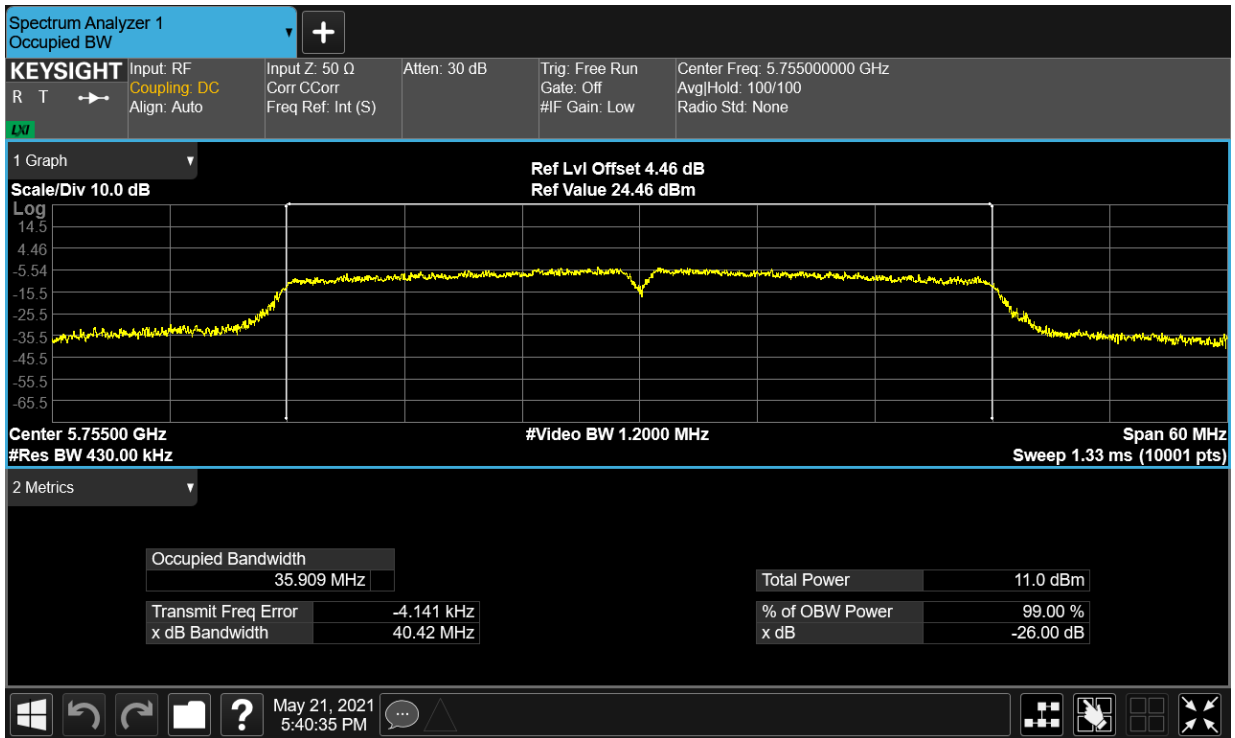
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



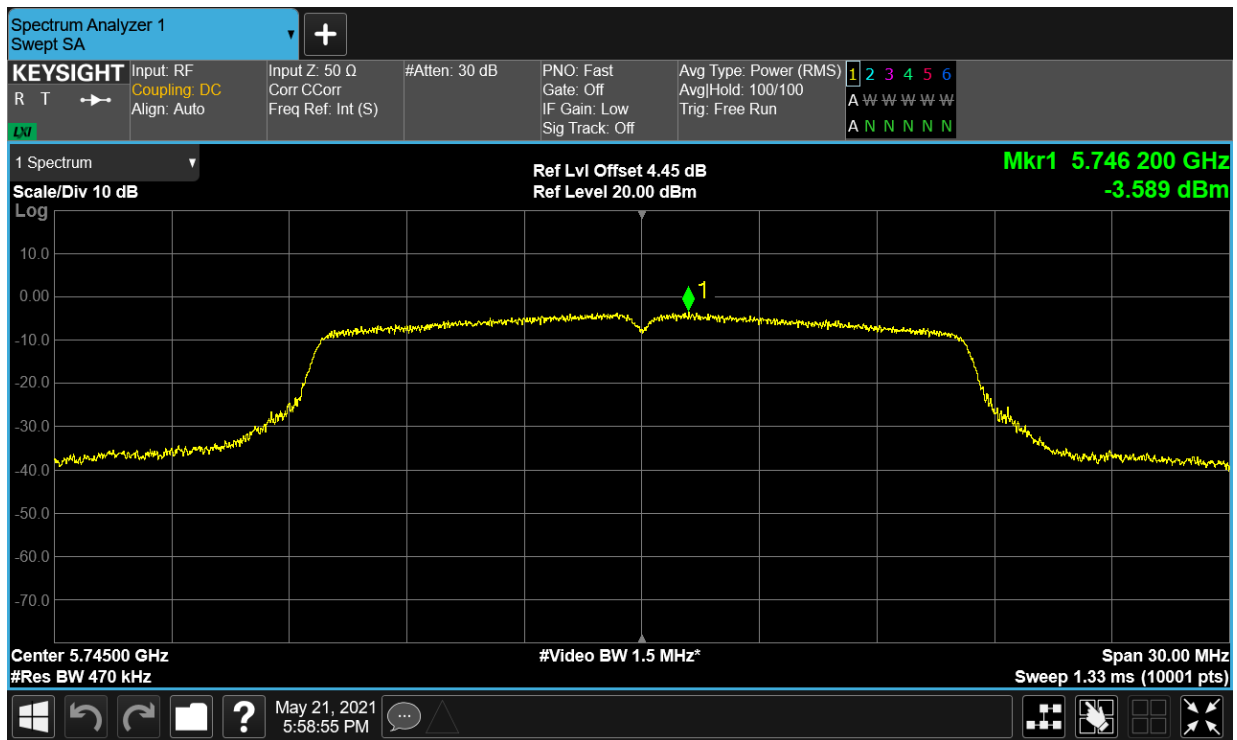
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted Max PSD (dBm)	correction factor	Total Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.589	0.269	-3.320	30	Pass
NVNT	a	5785	Ant1	-4.234	0.269	-3.965	30	Pass
NVNT	a	5825	Ant1	-4.401	0.269	-4.132	30	Pass
NVNT	ac20	5745	Ant1	-3.599	0.269	-3.330	30	Pass
NVNT	ac20	5785	Ant1	-4.602	0.269	-4.333	30	Pass
NVNT	ac20	5825	Ant1	-4.018	0.269	-3.749	30	Pass
NVNT	ac40	5755	Ant1	-10.924	0.269	-10.655	30	Pass
NVNT	ac40	5795	Ant1	-12.009	0.269	-11.740	30	Pass
NVNT	ac80	5775	Ant1	-14.913	0.269	-14.644	30	Pass
NVNT	n20	5745	Ant1	-3.247	0.269	-2.978	30	Pass
NVNT	n20	5785	Ant1	-4.425	0.269	-4.156	30	Pass
NVNT	n20	5825	Ant1	-4.864	0.269	-4.595	30	Pass
NVNT	n40	5755	Ant1	-10.584	0.269	-10.315	30	Pass
NVNT	n40	5795	Ant1	-11.875	0.269	-11.606	30	Pass

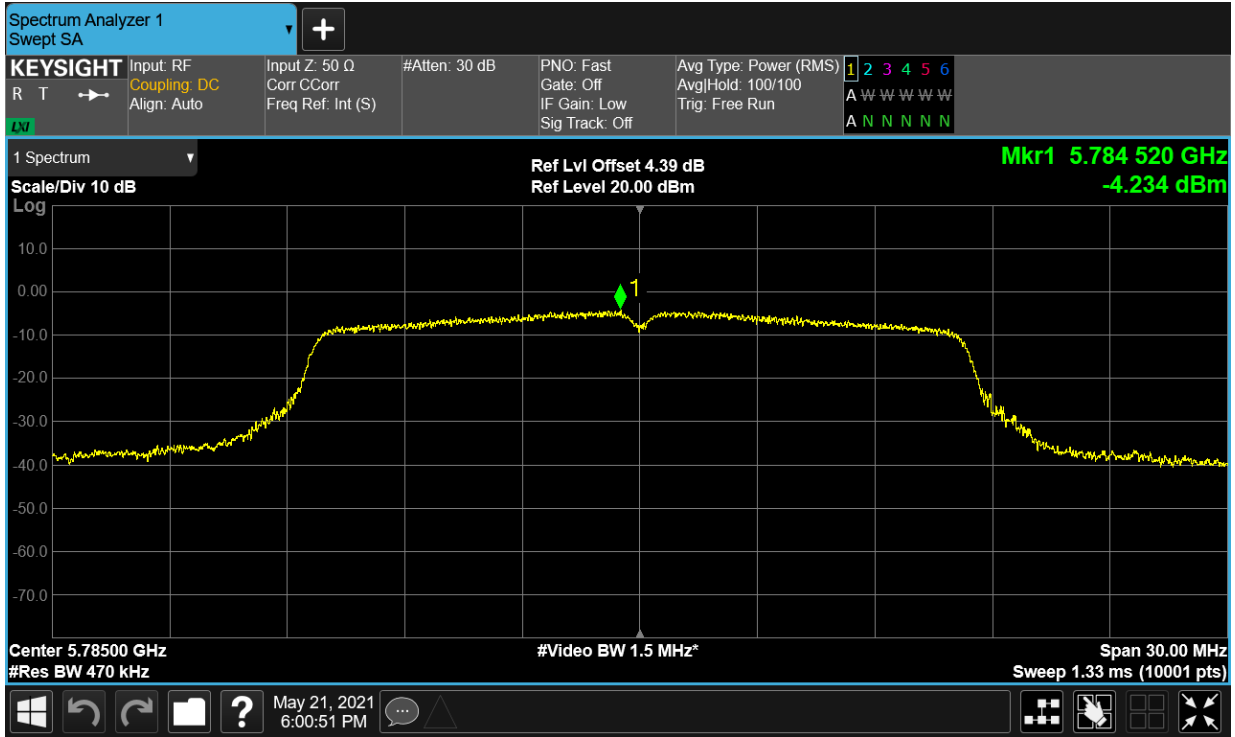
Note: Final result showed in report was corrected by reading level showed in test plots + correction factor.

Correction factor = $10 \log (500 \text{ kHz}_{\text{Reference}}/470 \text{ KHz}_{\text{Measured}}) = 0.269$

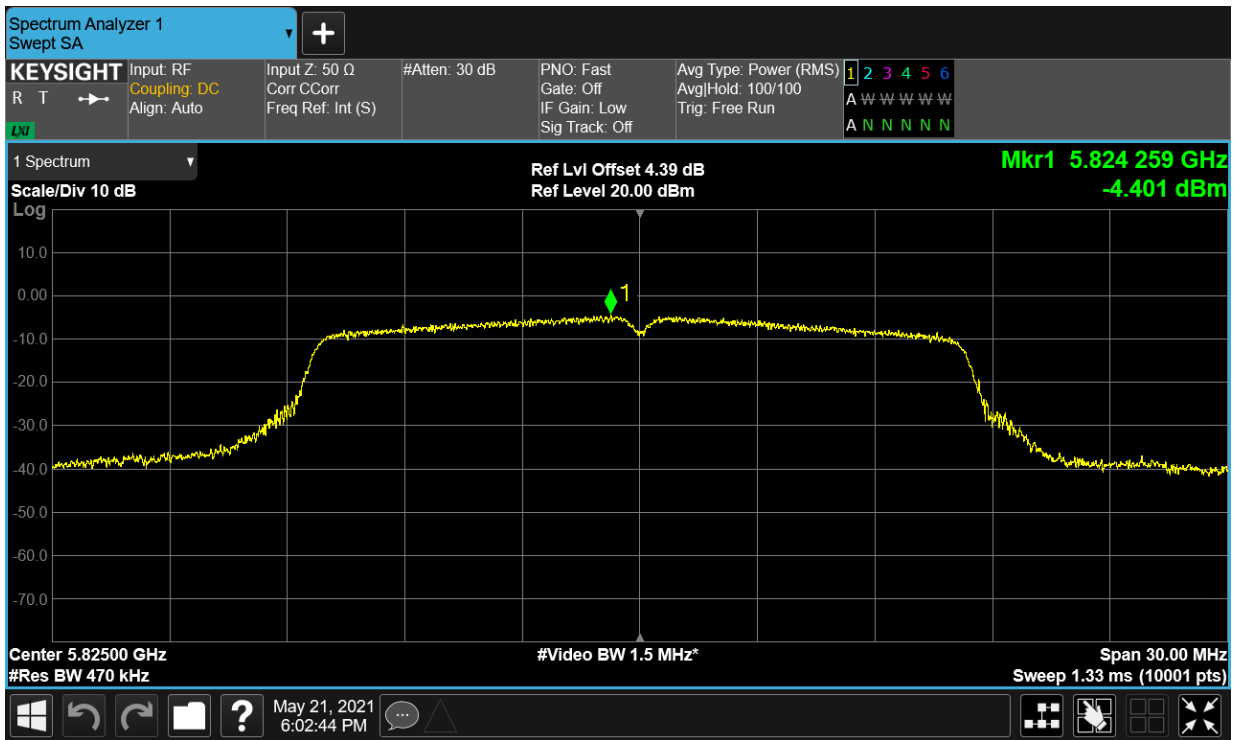
PSD NVNT a 5745MHz Ant1



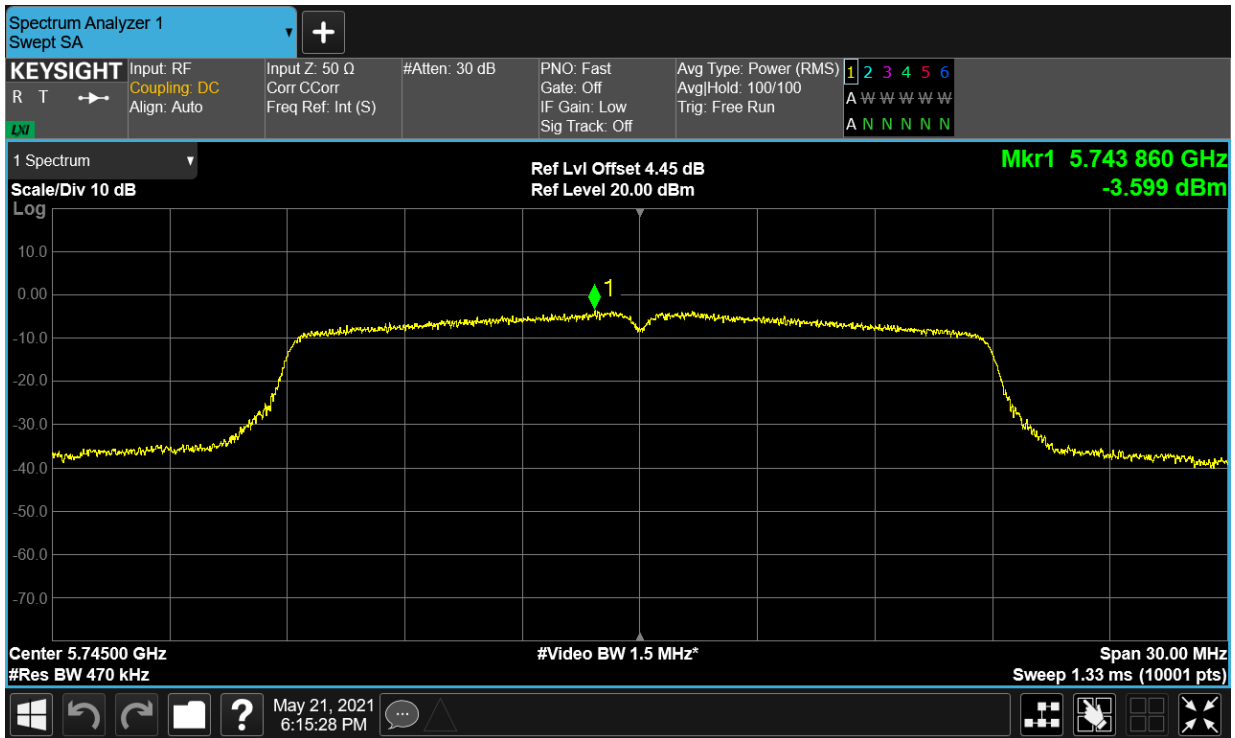
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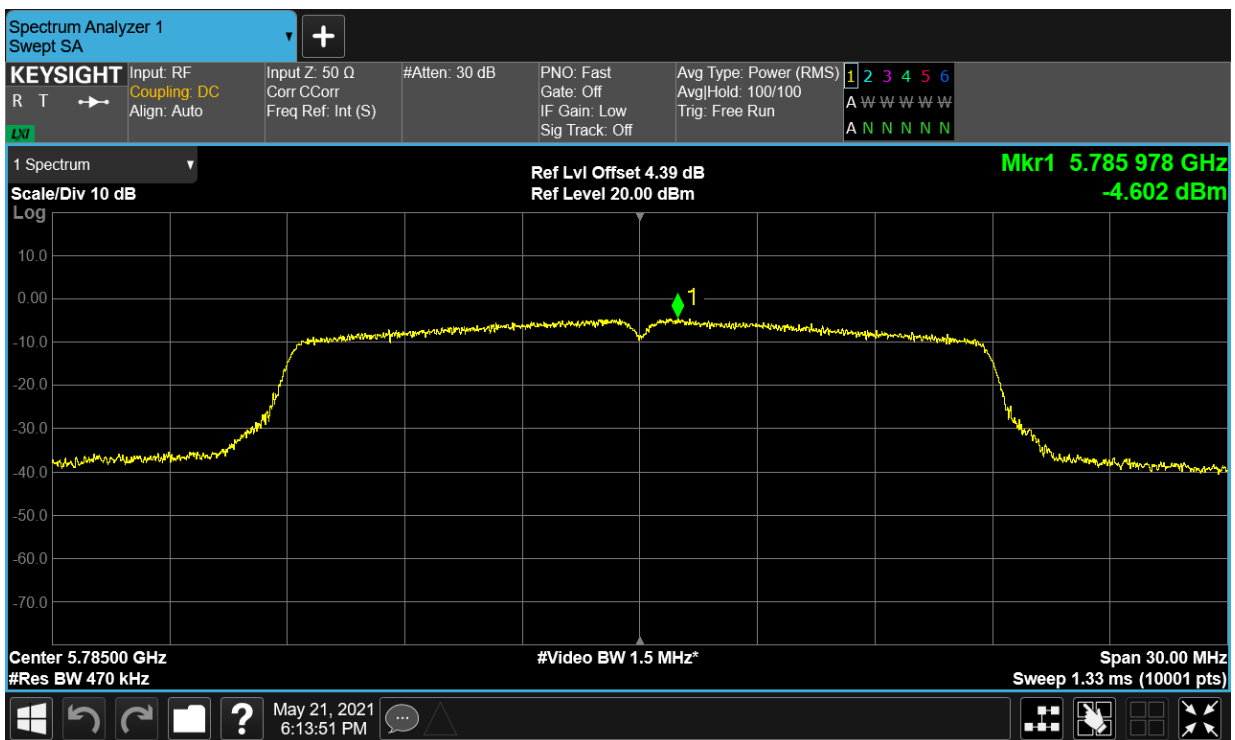
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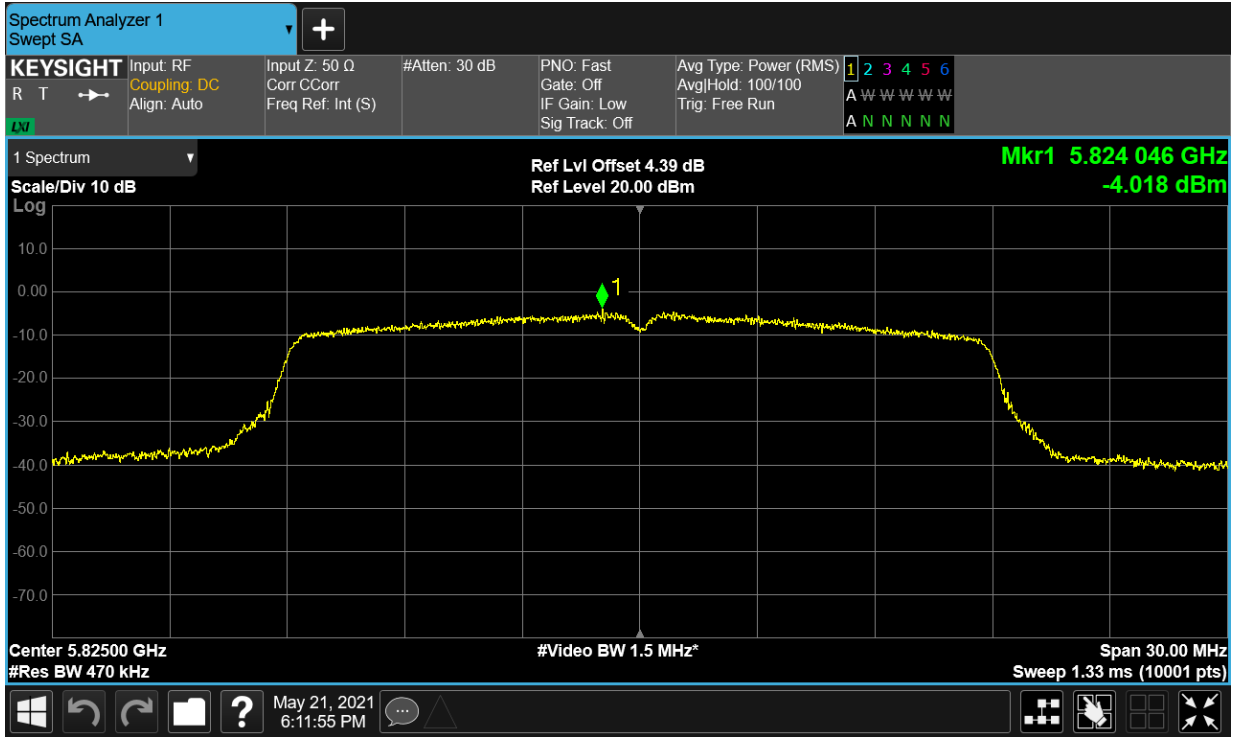
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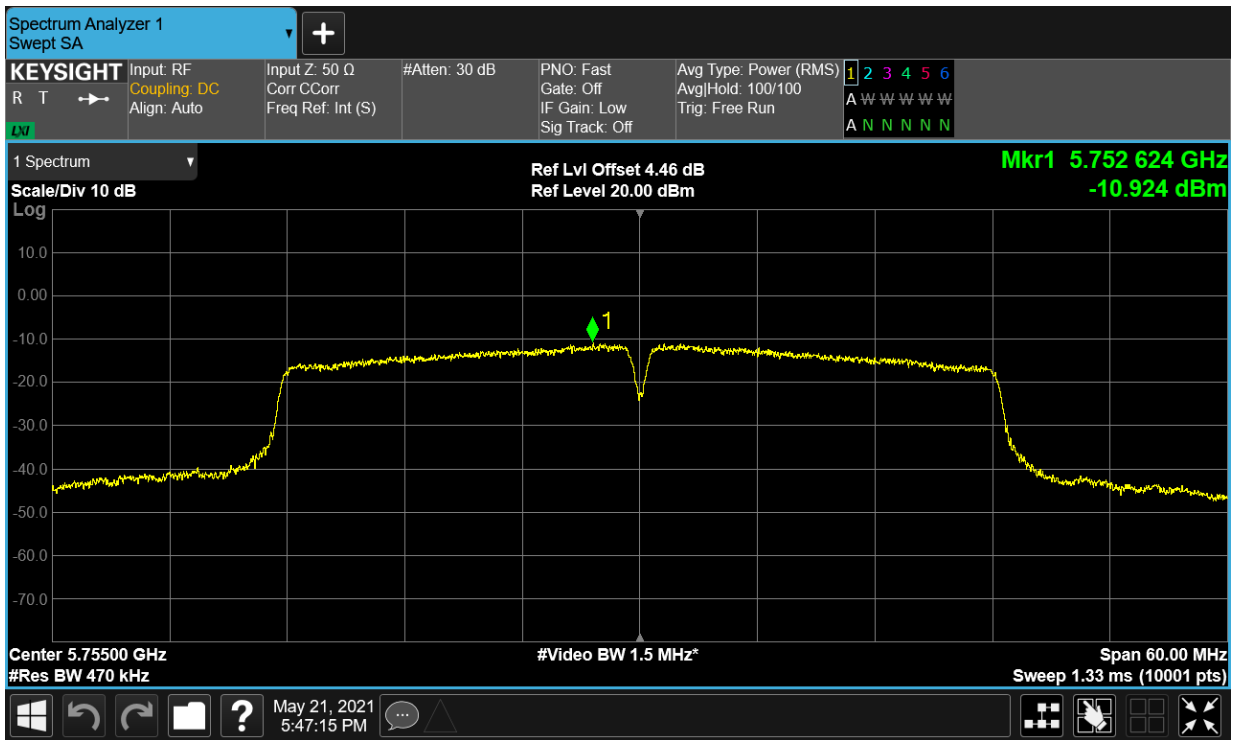
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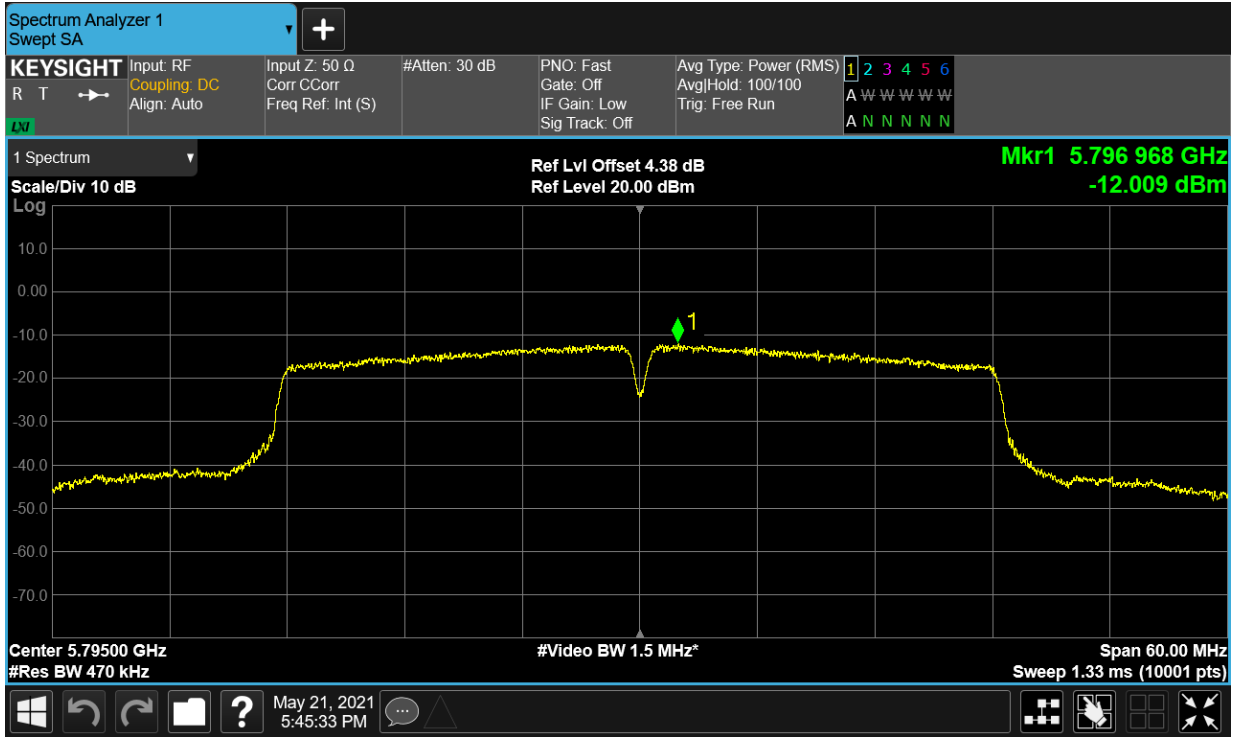
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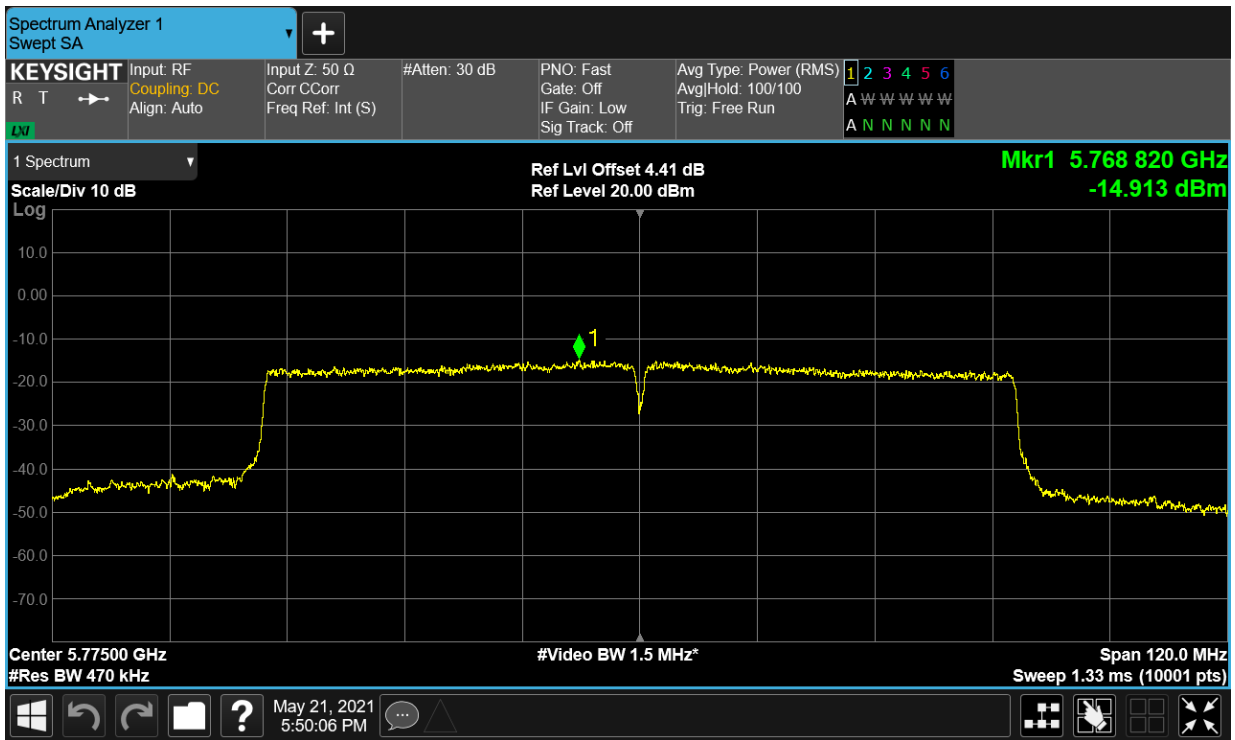
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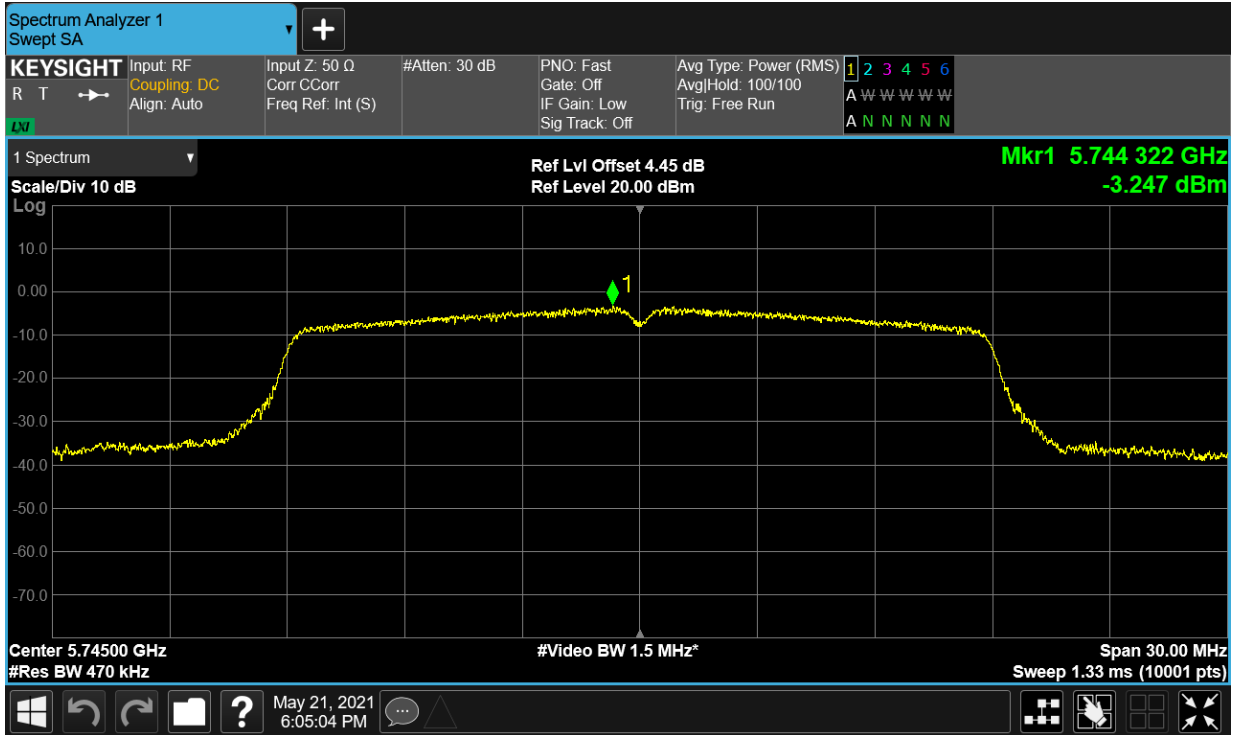
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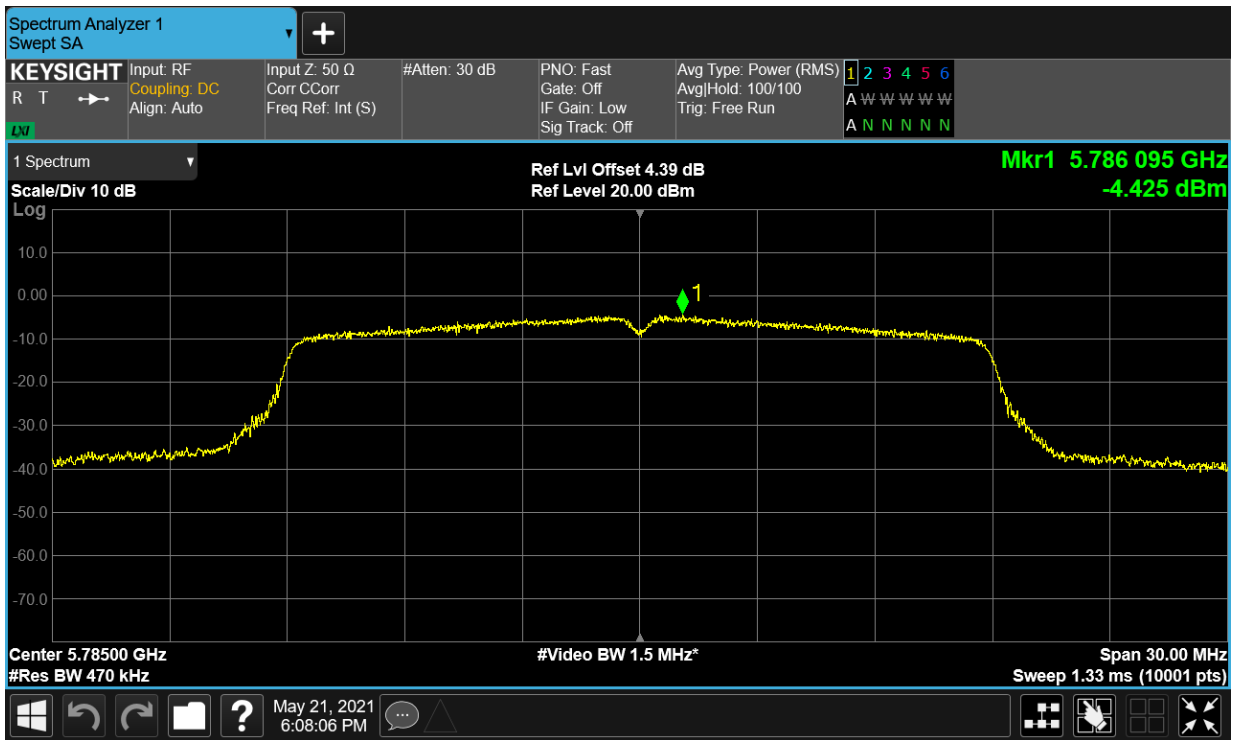
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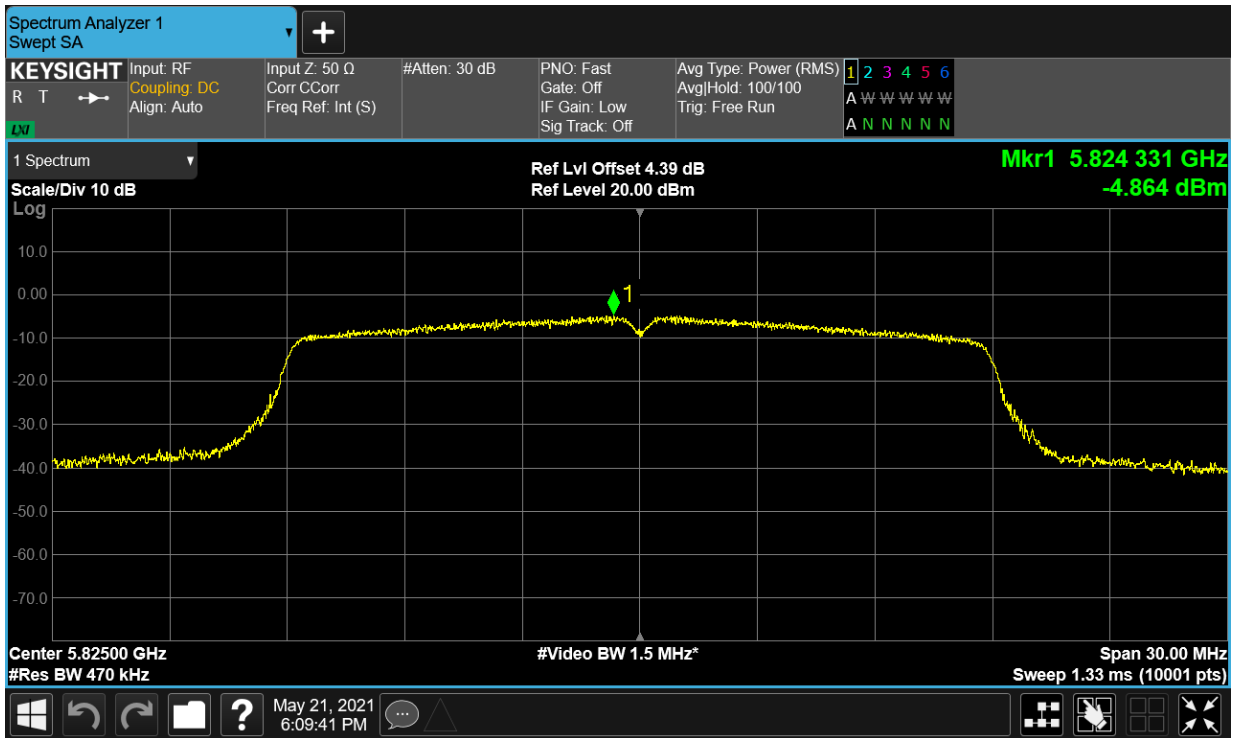
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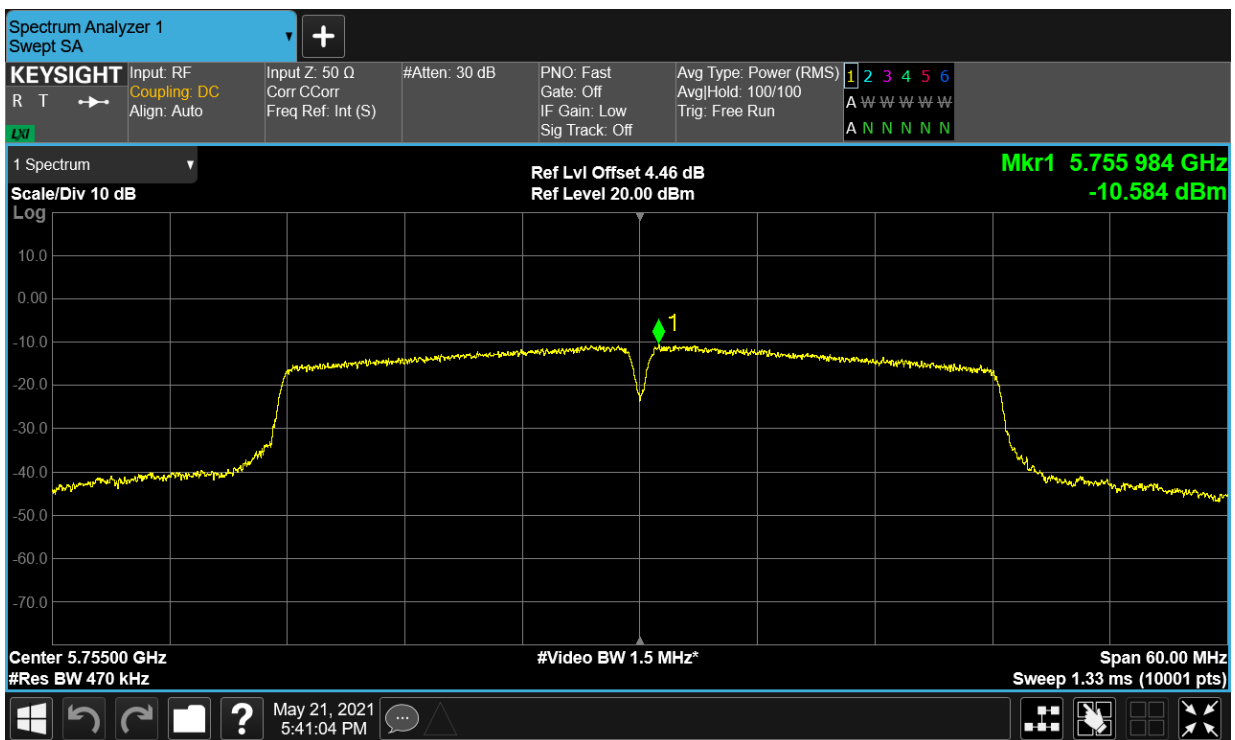
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PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

