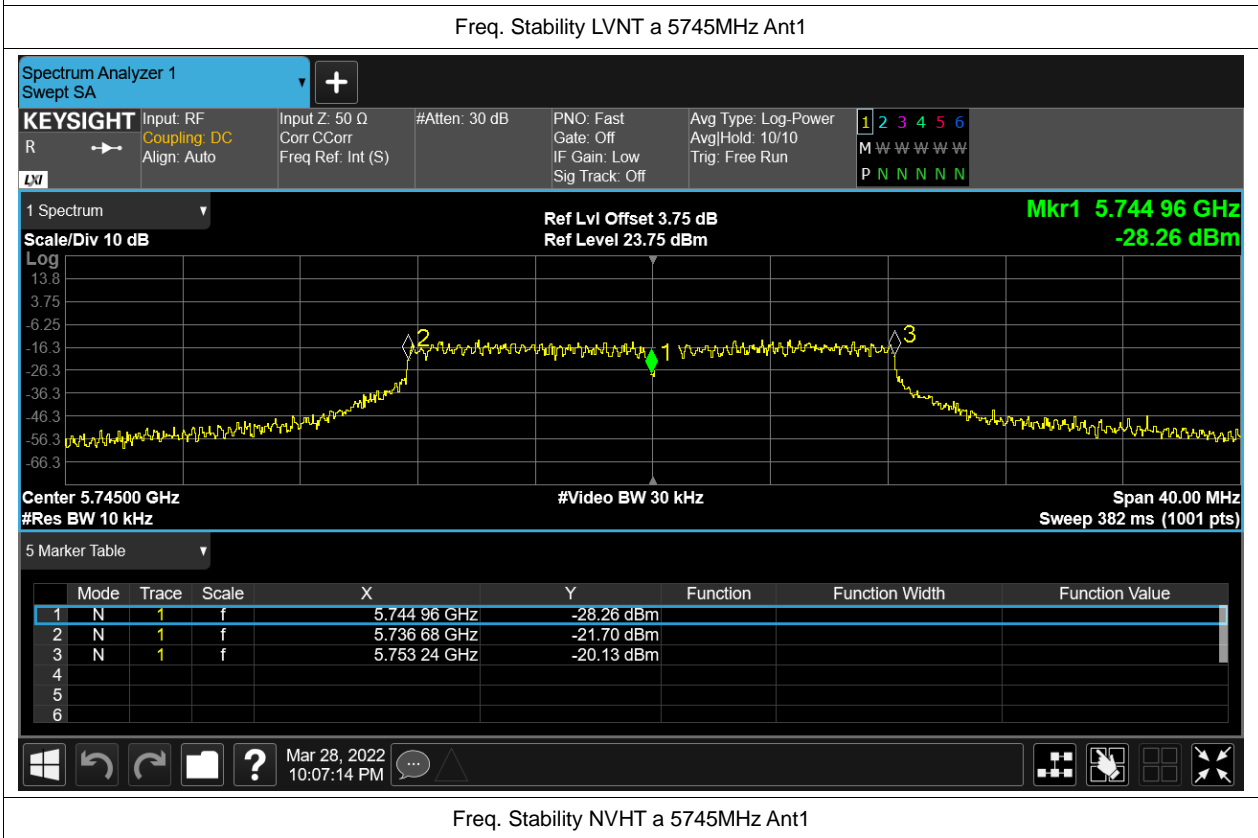
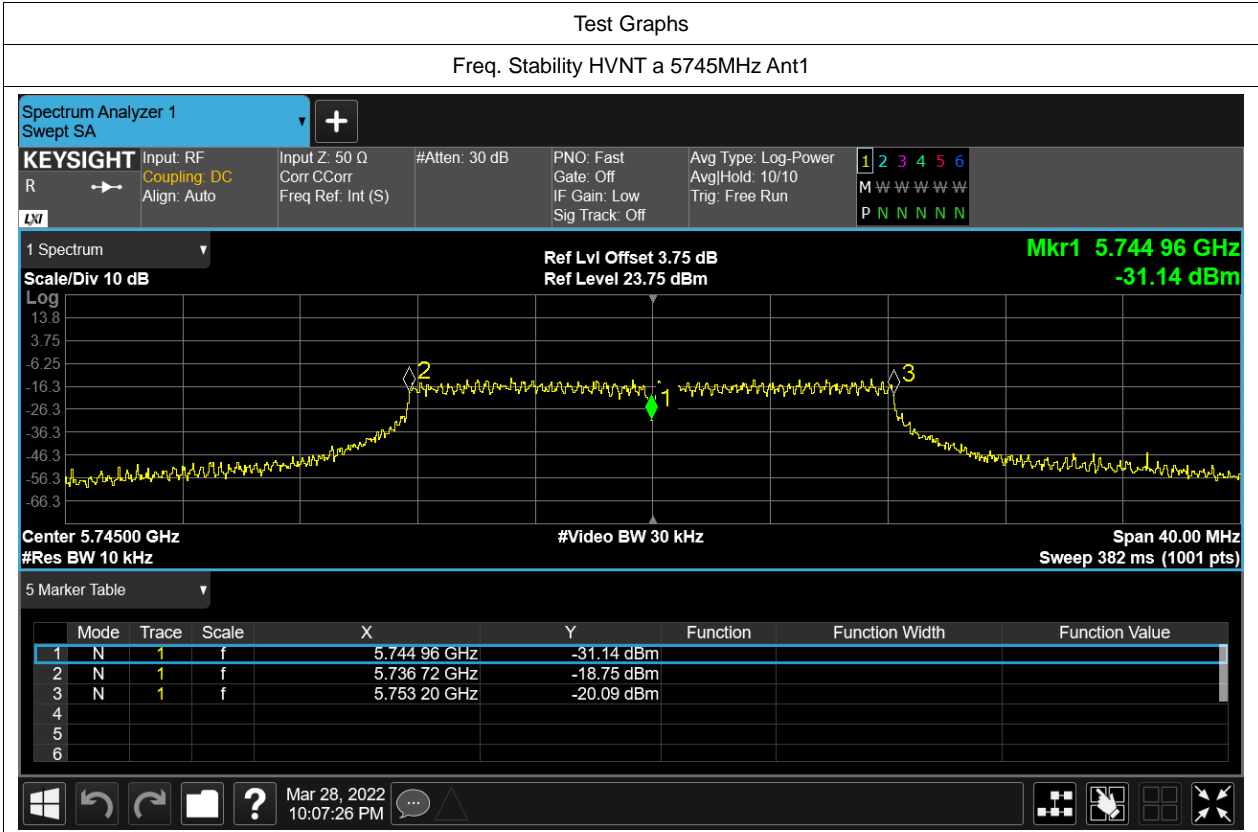


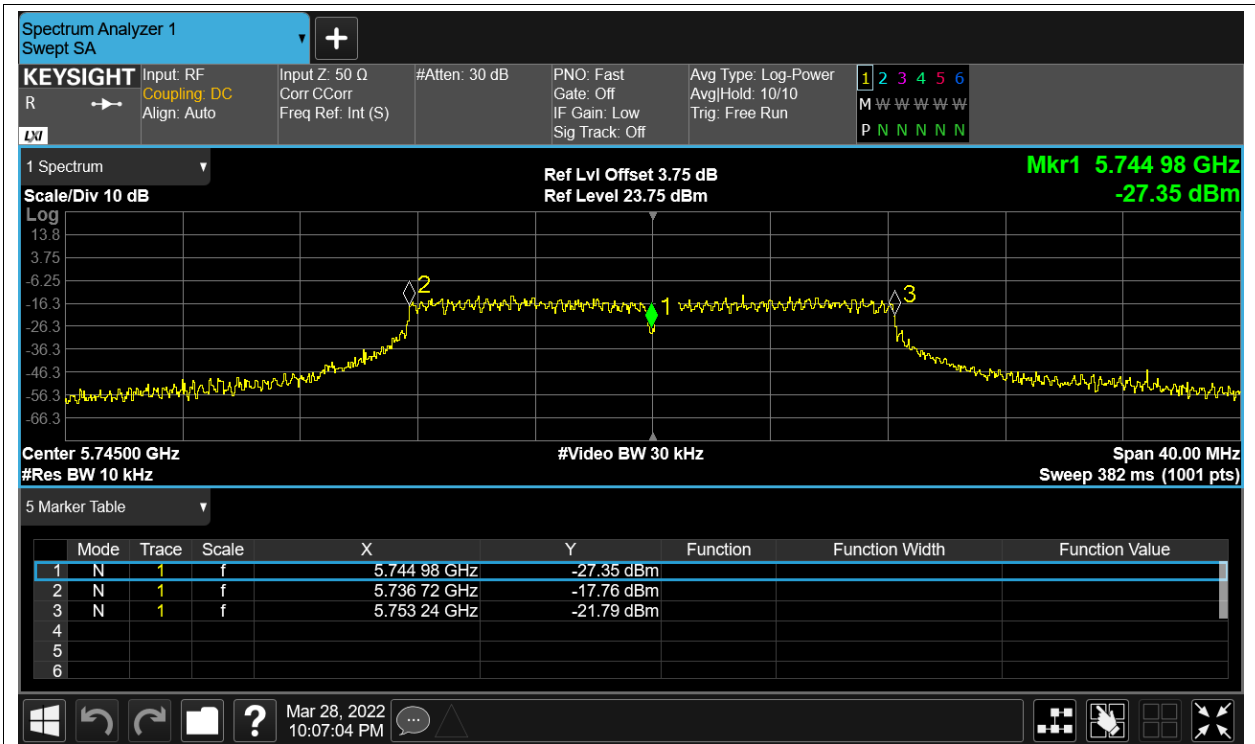
Test Data

Frequency Stability

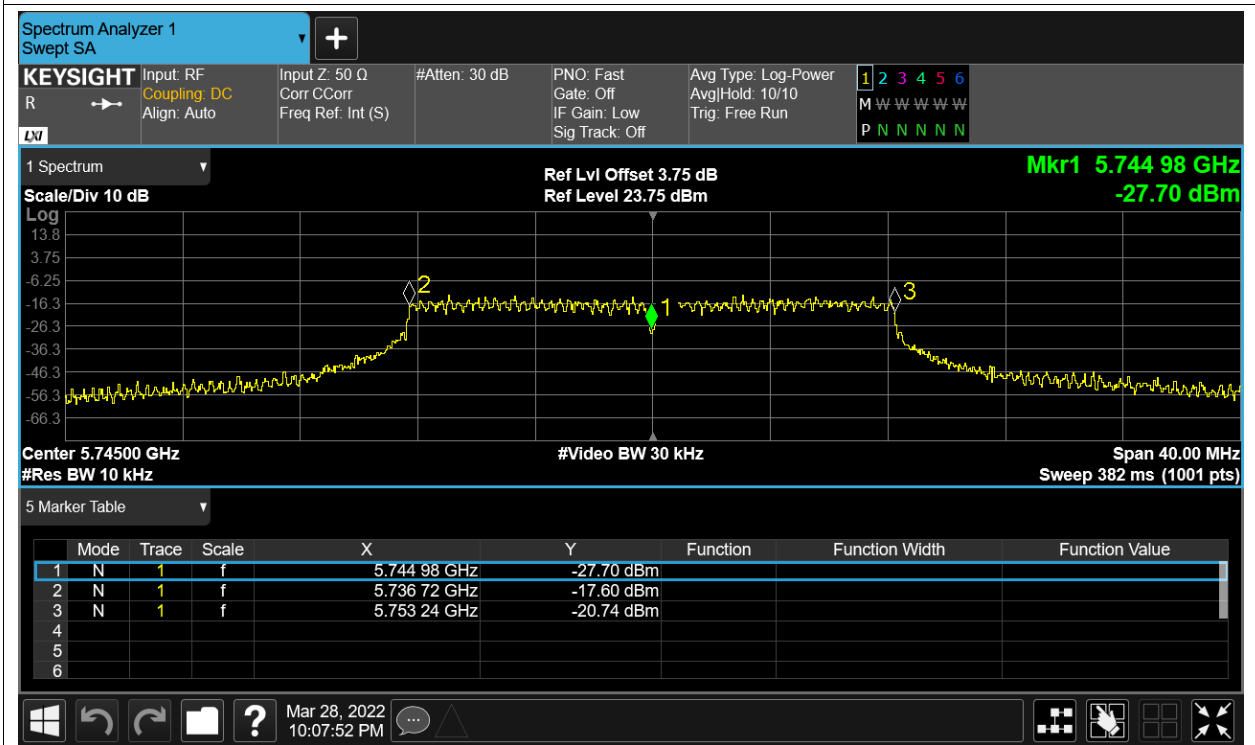
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	a	5745	Ant1	5744.96	-6.96	25	Pass
LVNT	a	5745	Ant1	5744.96	-6.96	25	Pass
NVHT	a	5745	Ant1	5744.98	-3.48	25	Pass
NVLT	a	5745	Ant1	5744.98	-3.48	25	Pass
NVNT	a	5745	Ant1	5744.98	-3.48	25	Pass
HVNT	ac80	5775	Ant1	5775	0	25	Pass
LVNT	ac80	5775	Ant1	5775	0	25	Pass
NVHT	ac80	5775	Ant1	5775	0	25	Pass
NVLT	ac80	5775	Ant1	5775	0	25	Pass
NVNT	ac80	5775	Ant1	5775	0	25	Pass
HVNT	n40	5755	Ant1	5755	0	25	Pass
LVNT	n40	5755	Ant1	5755	0	25	Pass
NVHT	n40	5755	Ant1	5755	0	25	Pass
NVLT	n40	5755	Ant1	5755	0	25	Pass
NVNT	n40	5755	Ant1	5755	0	25	Pass



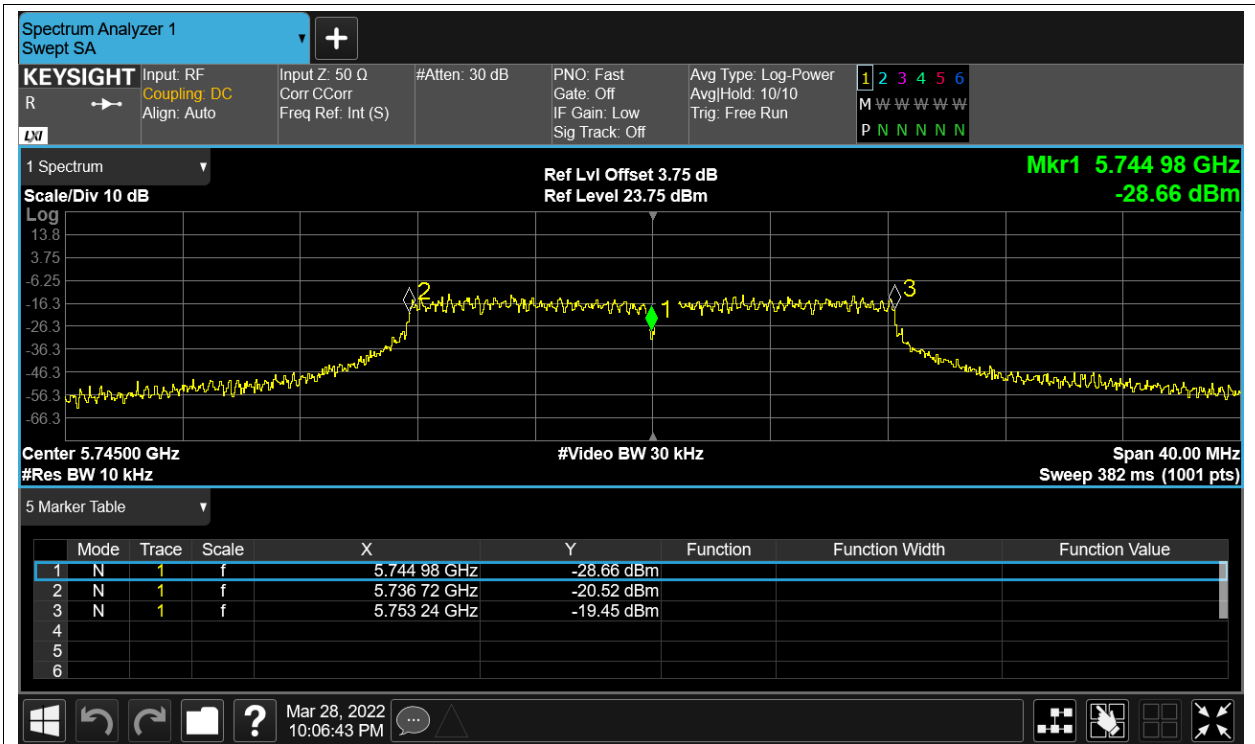
Freq. Stability NVHT a 5745MHz Ant1



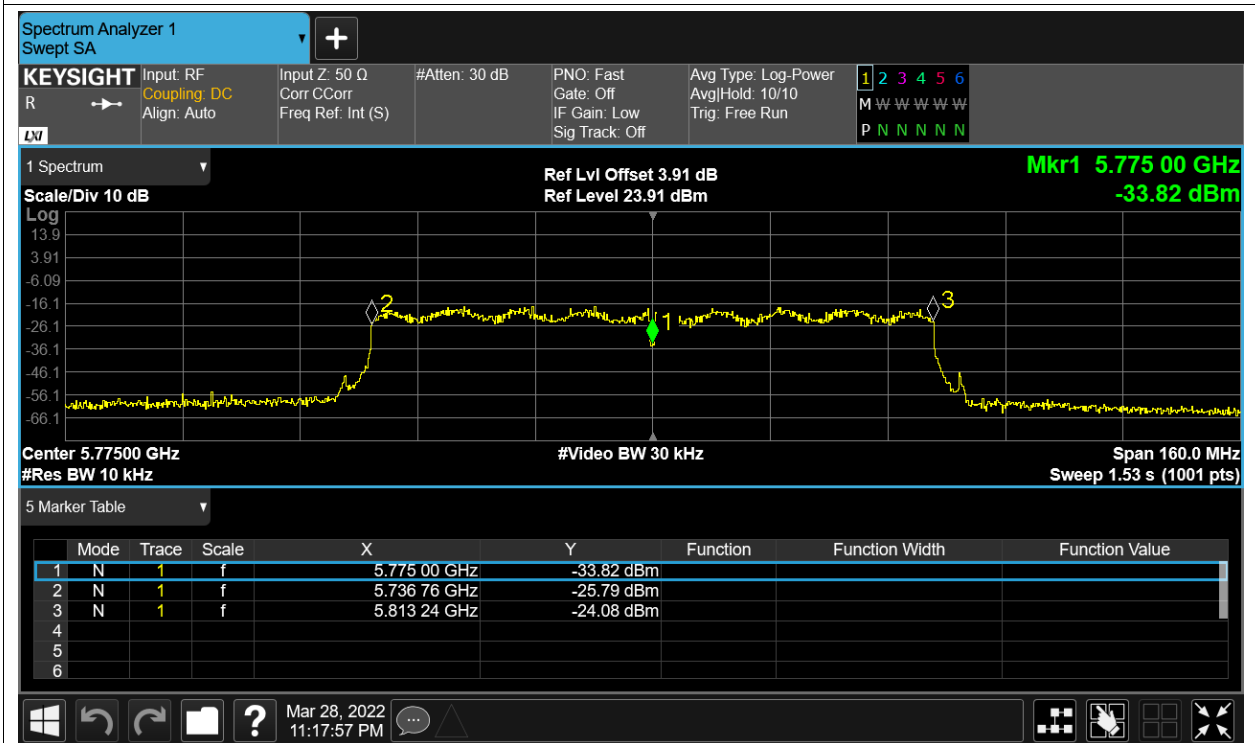
Freq. Stability NVLT a 5745MHz Ant1



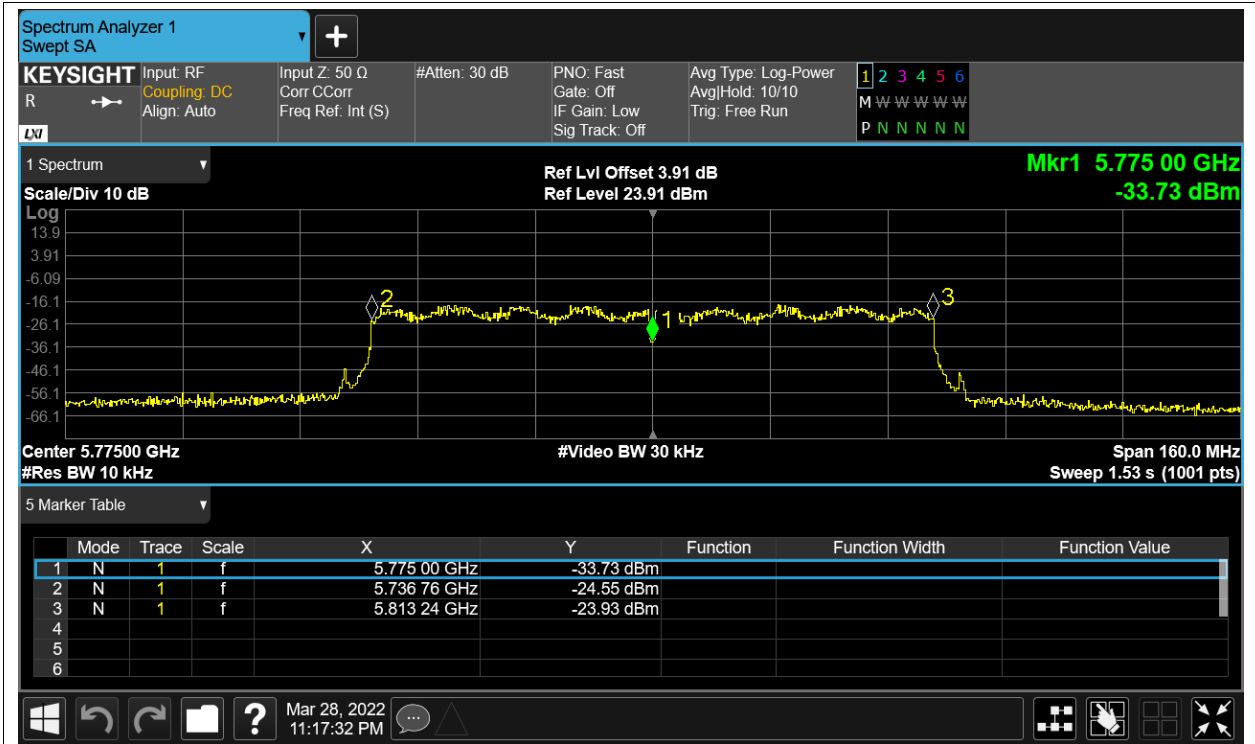
Freq. Stability NVNT a 5745MHz Ant1



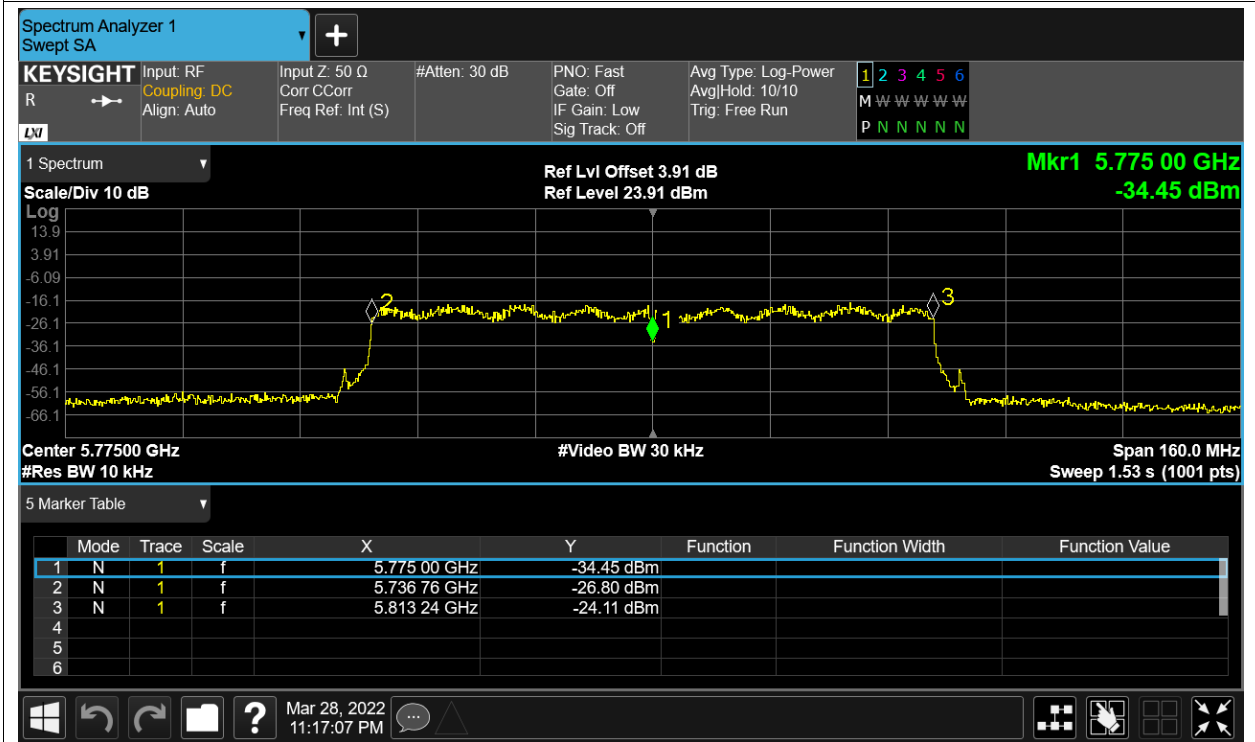
Freq. Stability HVNT ac80 5775MHz Ant1



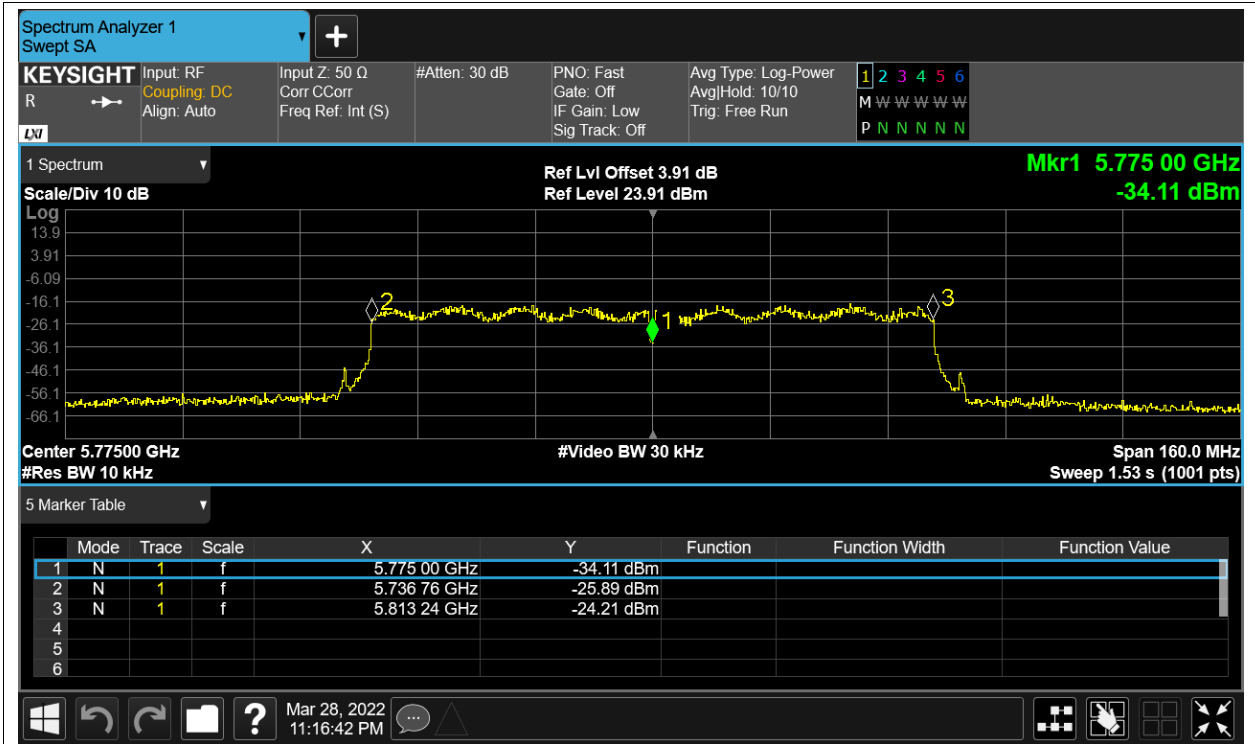
Freq. Stability LVNT ac80 5775MHz Ant1



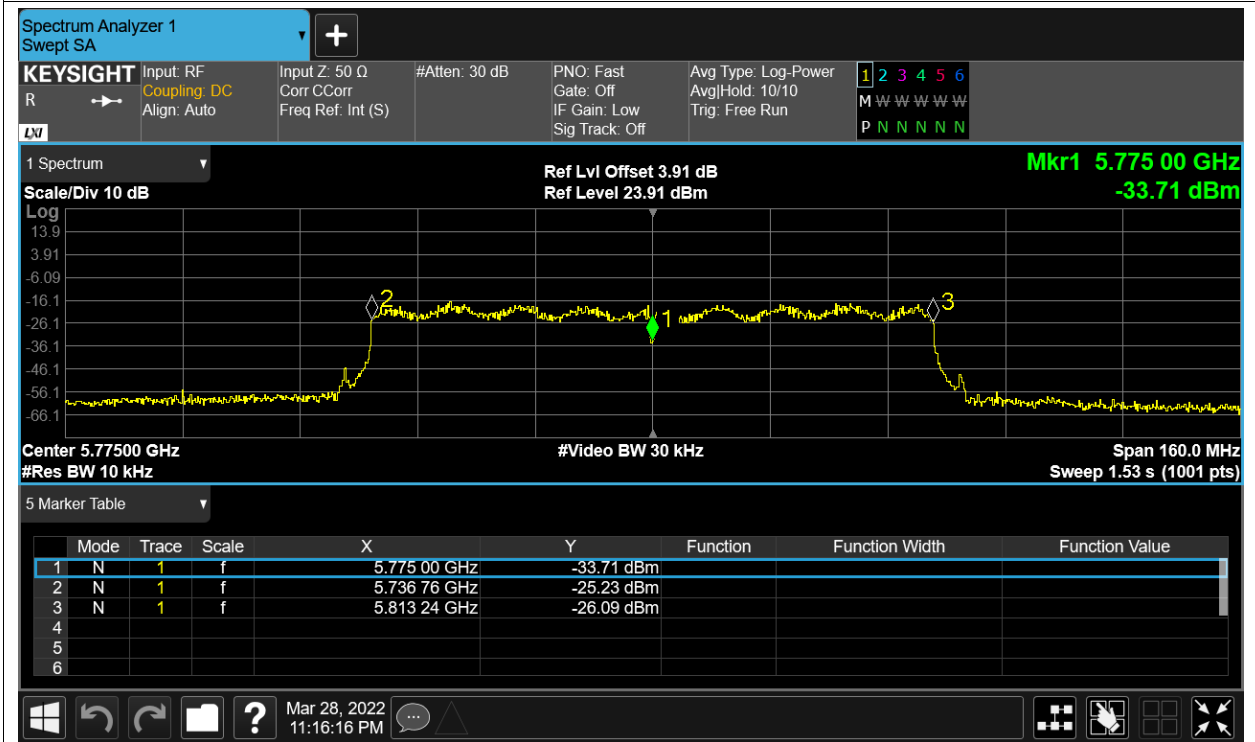
Freq. Stability NVHT ac80 5775MHz Ant1



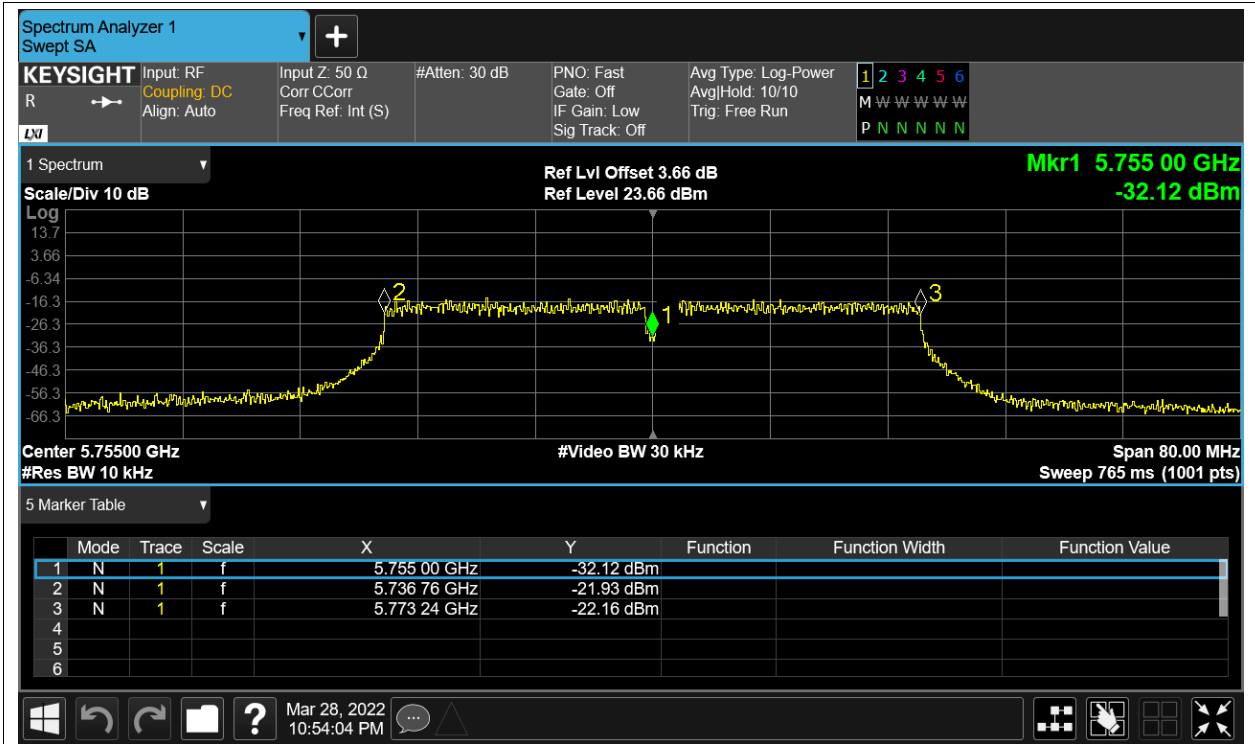
Freq. Stability NVLT ac80 5775MHz Ant1



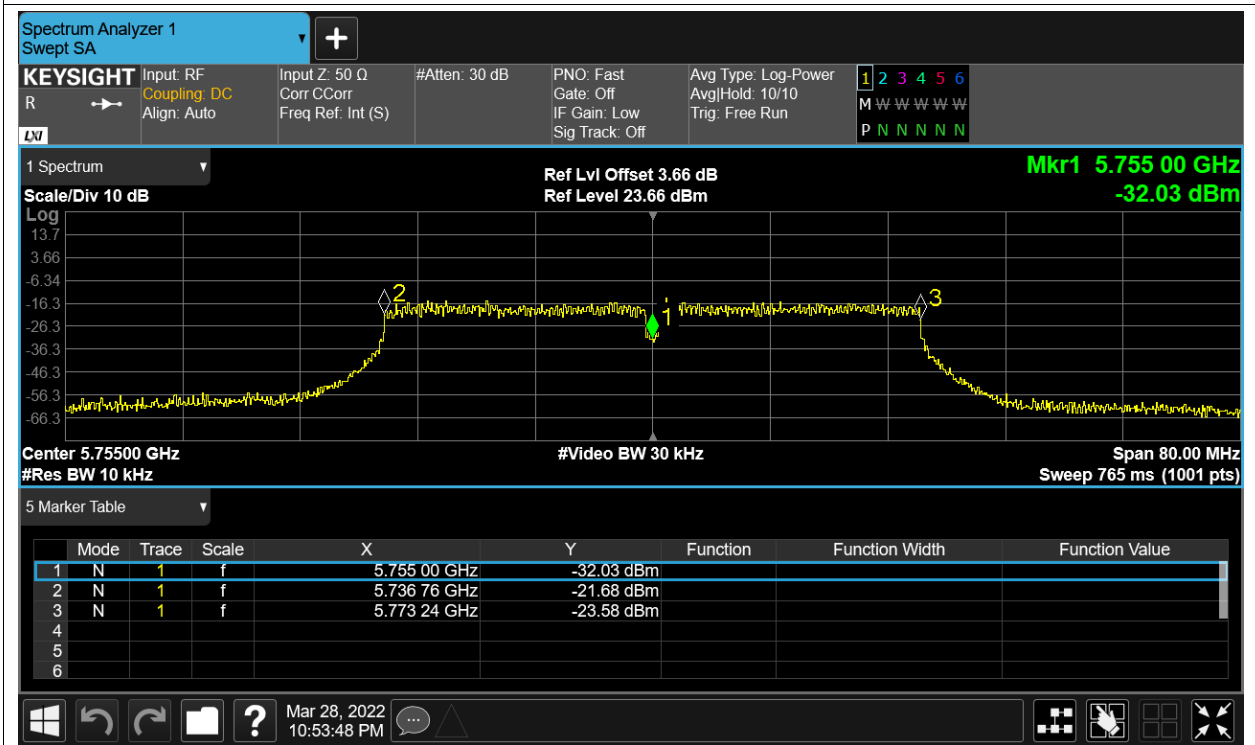
Freq. Stability NVNT ac80 5775MHz Ant1



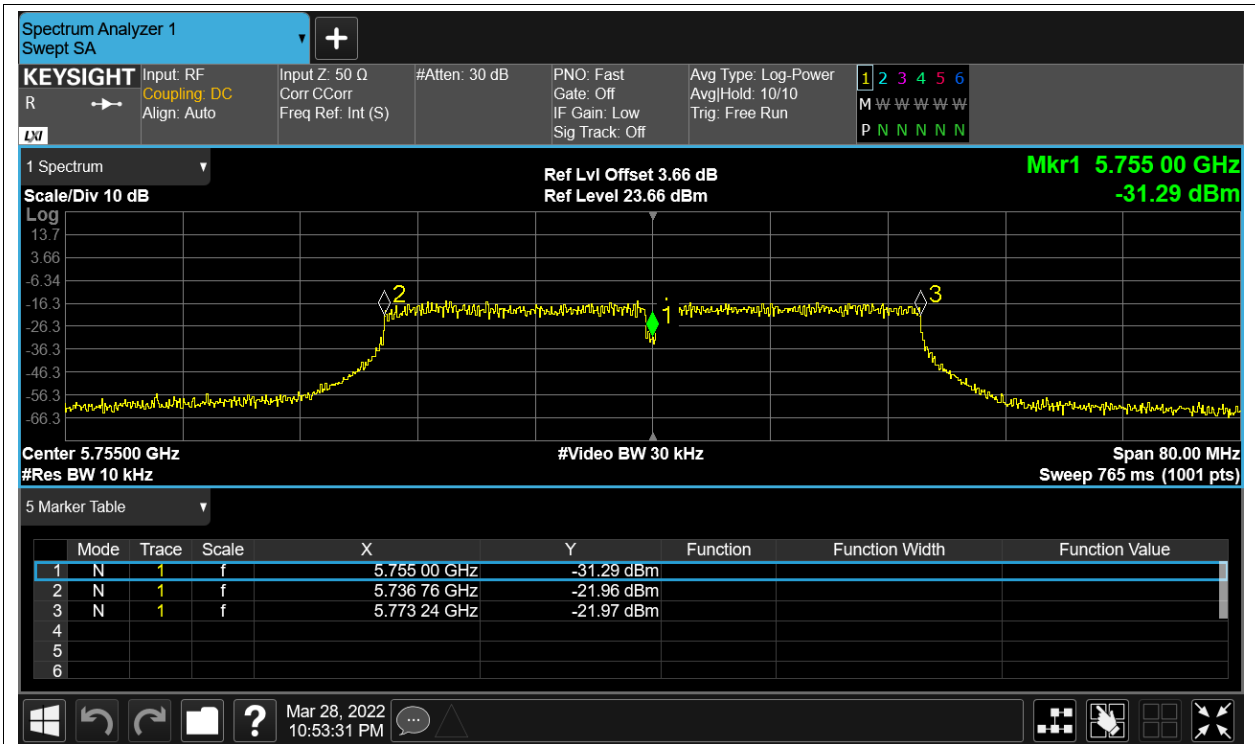
Freq. Stability HVNT n40 5755MHz Ant1



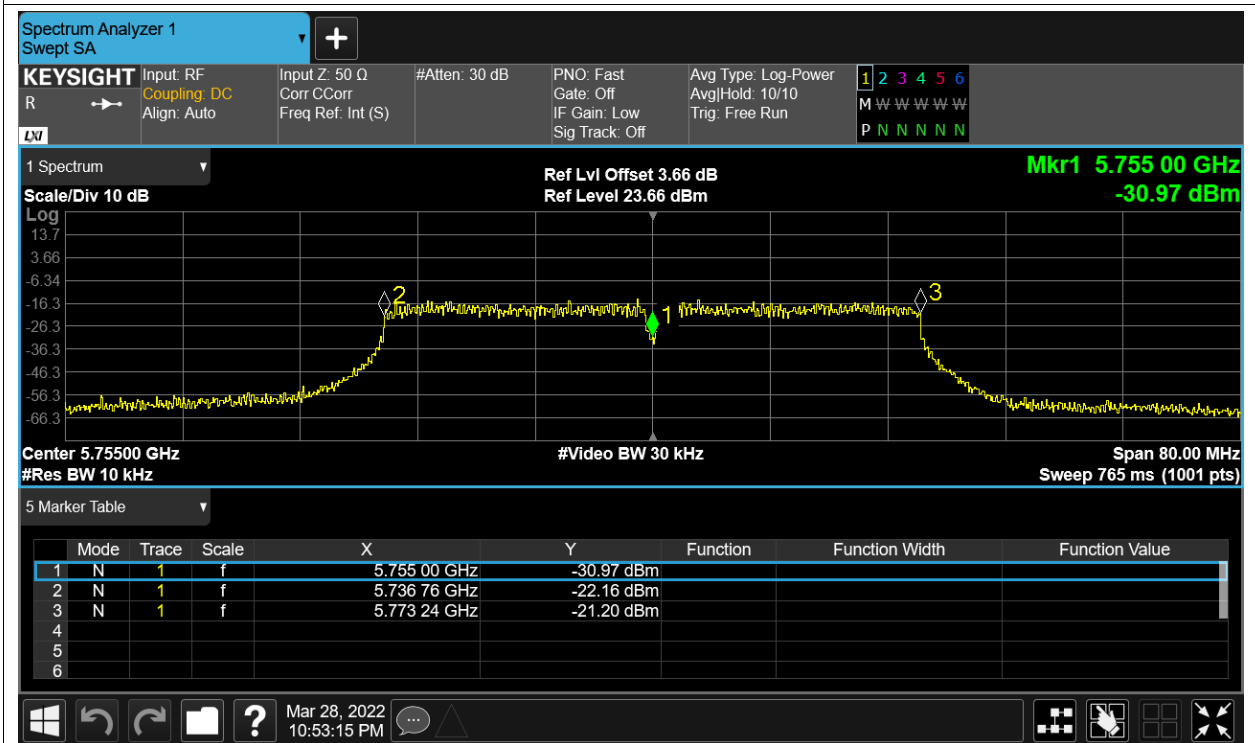
Freq. Stability LVNT n40 5755MHz Ant1



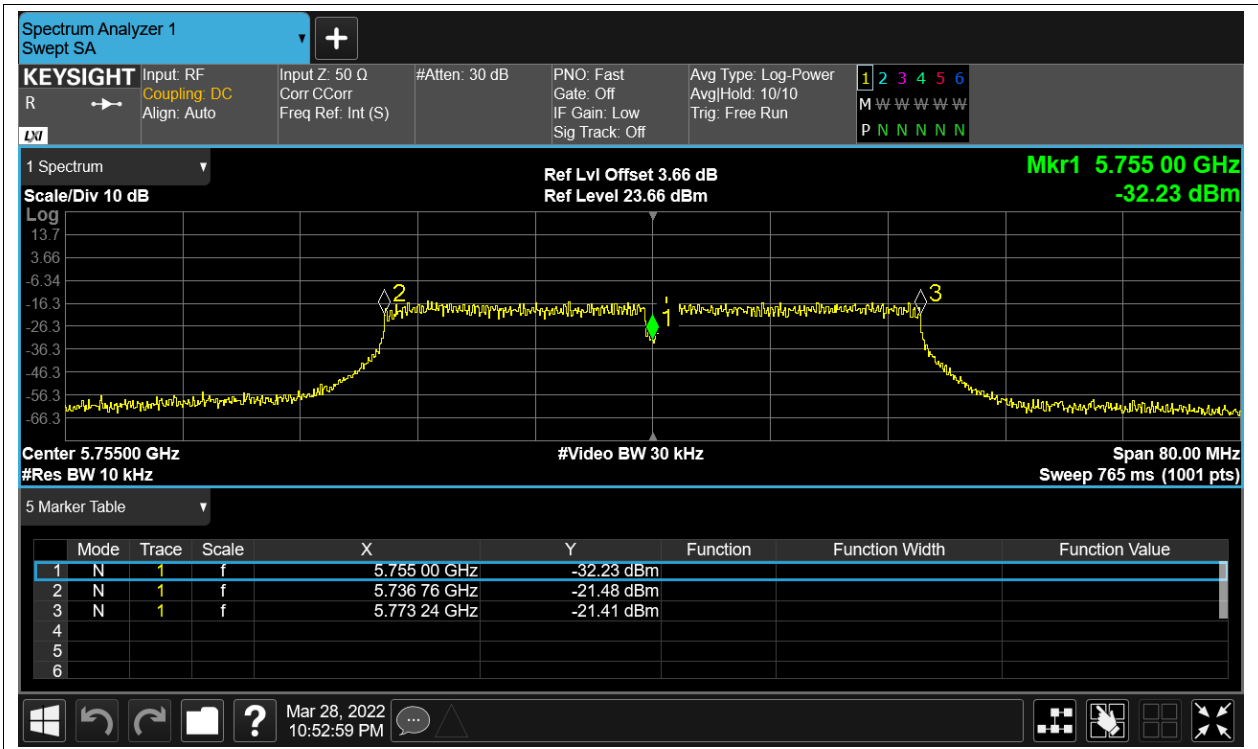
Freq. Stability NVHT n40 5755MHz Ant1



Freq. Stability NVLT n40 5755MHz Ant1

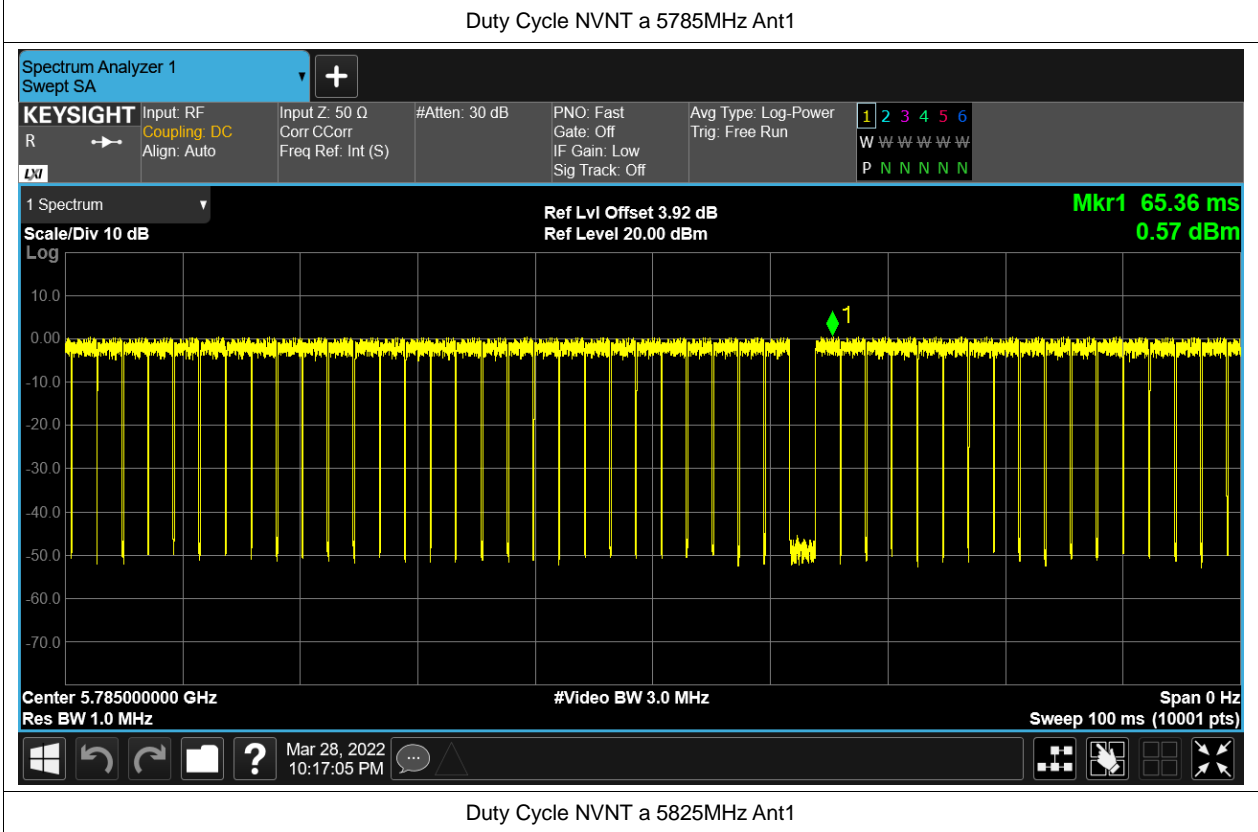
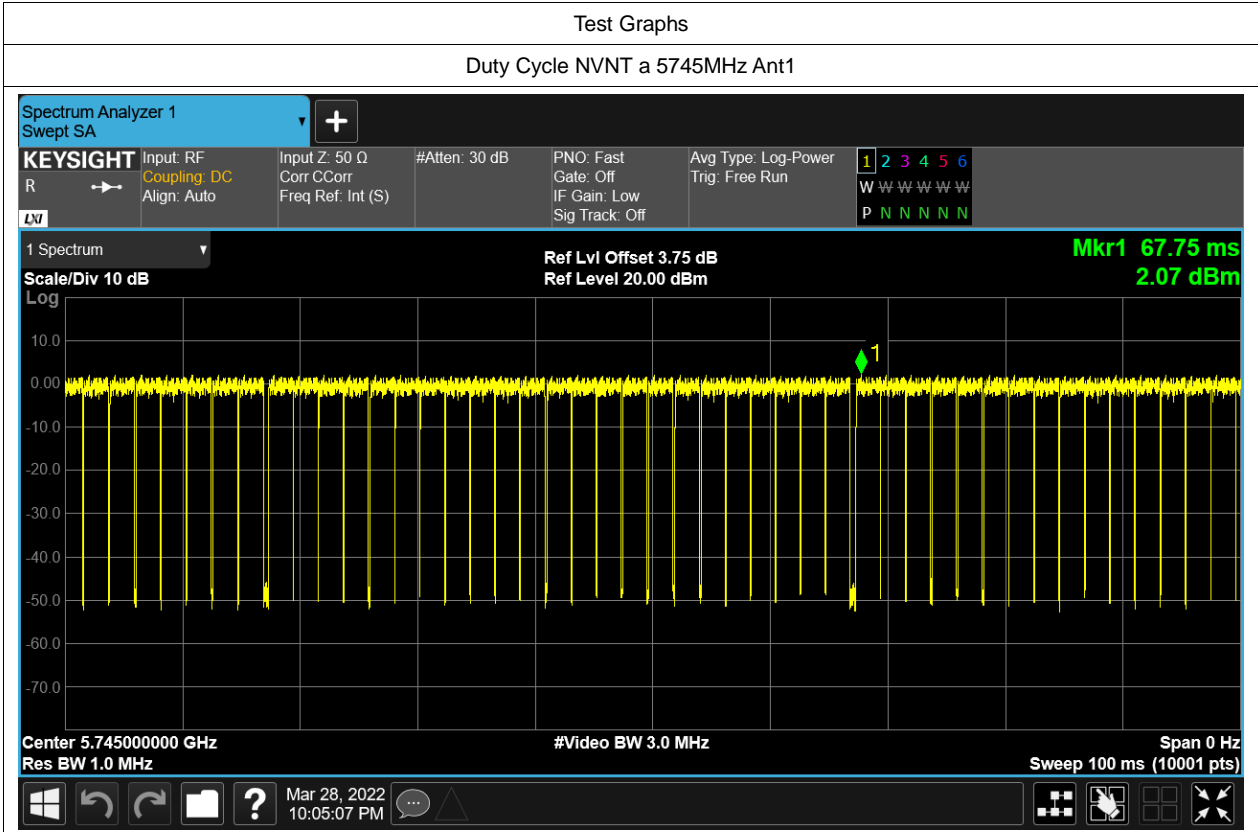


Freq. Stability NVNT n40 5755MHz Ant1



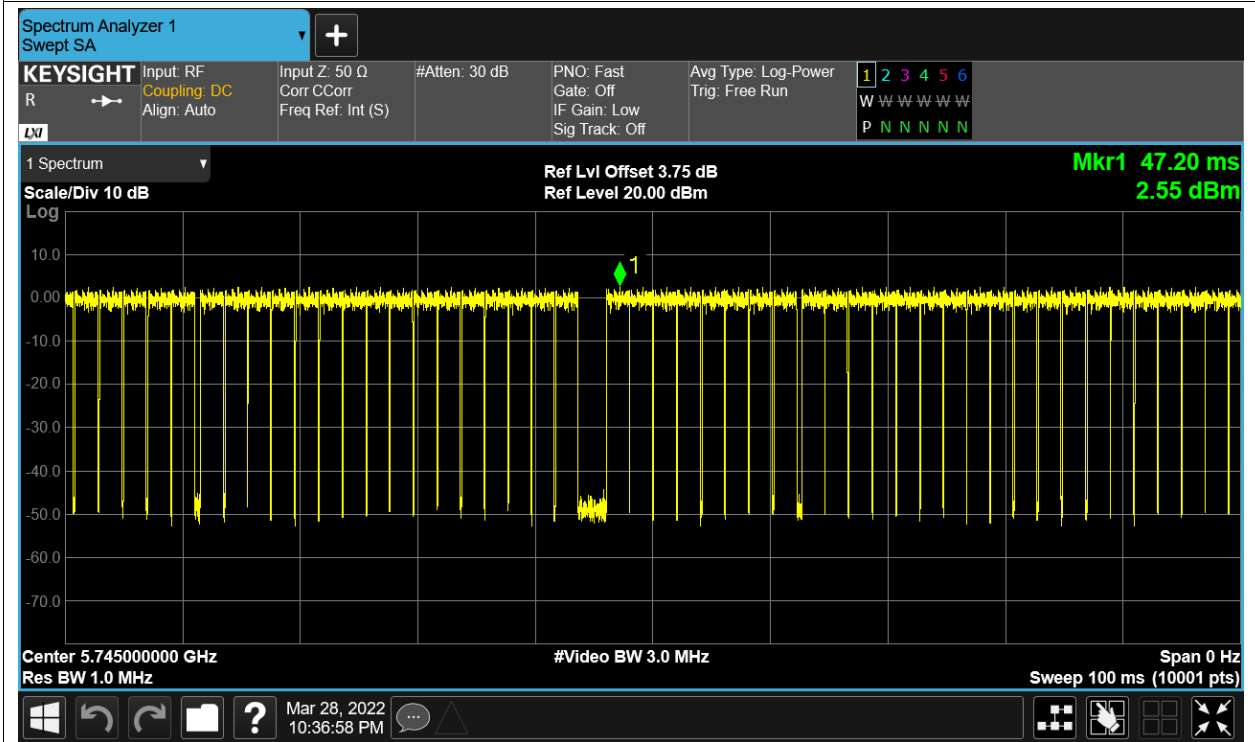
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	95.38	0.21
NVNT	a	5785	Ant1	92.85	0.32
NVNT	a	5825	Ant1	93.61	0.29
NVNT	ac20	5745	Ant1	92.47	0.34
NVNT	ac20	5785	Ant1	92.41	0.34
NVNT	ac20	5825	Ant1	93.51	0.29
NVNT	ac40	5755	Ant1	87.38	0.59
NVNT	ac40	5795	Ant1	87.91	0.56
NVNT	ac80	5775	Ant1	91.47	0.39
NVNT	n20	5745	Ant1	92.5	0.34
NVNT	n20	5785	Ant1	92.4	0.34
NVNT	n20	5825	Ant1	94.41	0.25
NVNT	n40	5755	Ant1	88.74	0.52
NVNT	n40	5795	Ant1	88.15	0.55

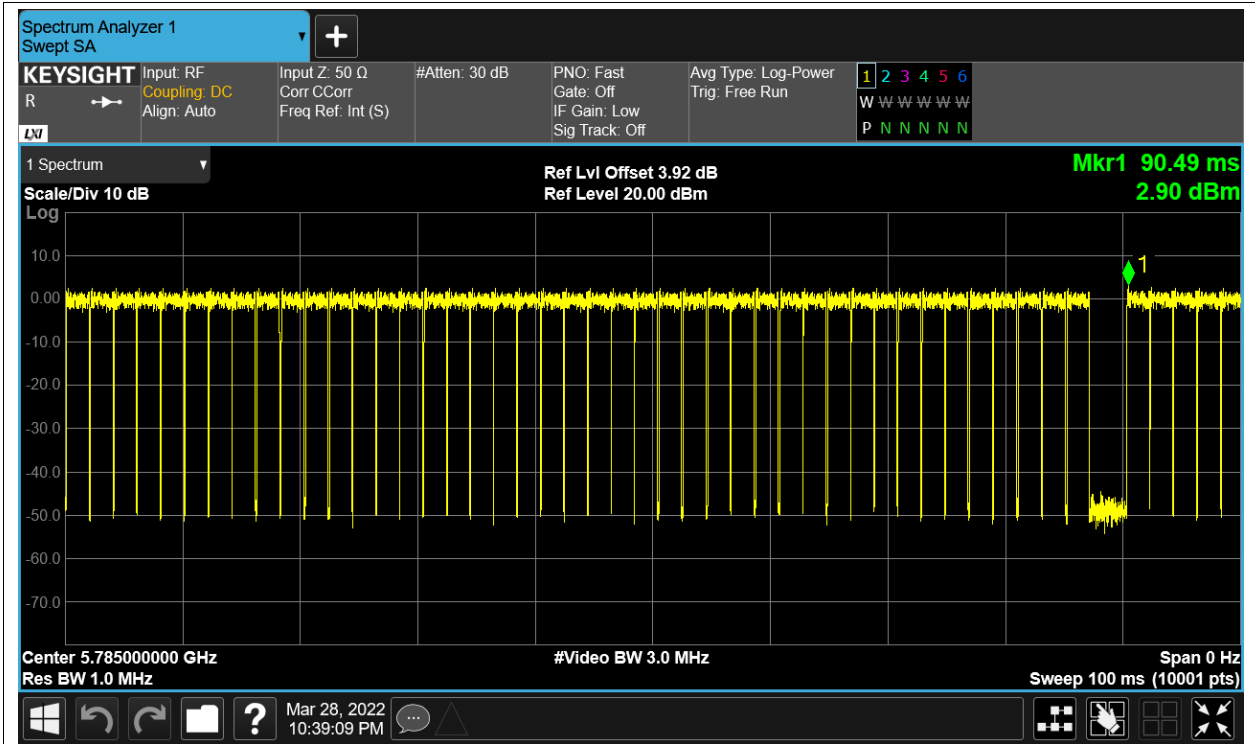




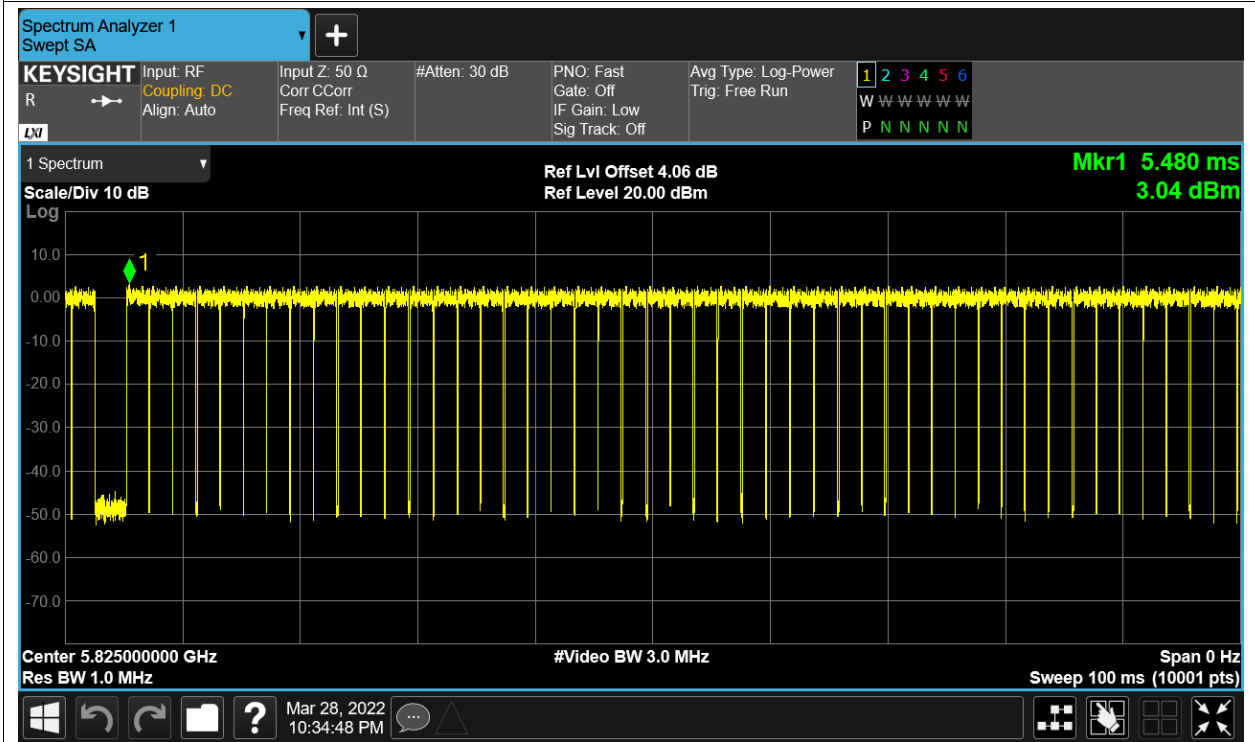
Duty Cycle NVNT ac20 5745MHz Ant1



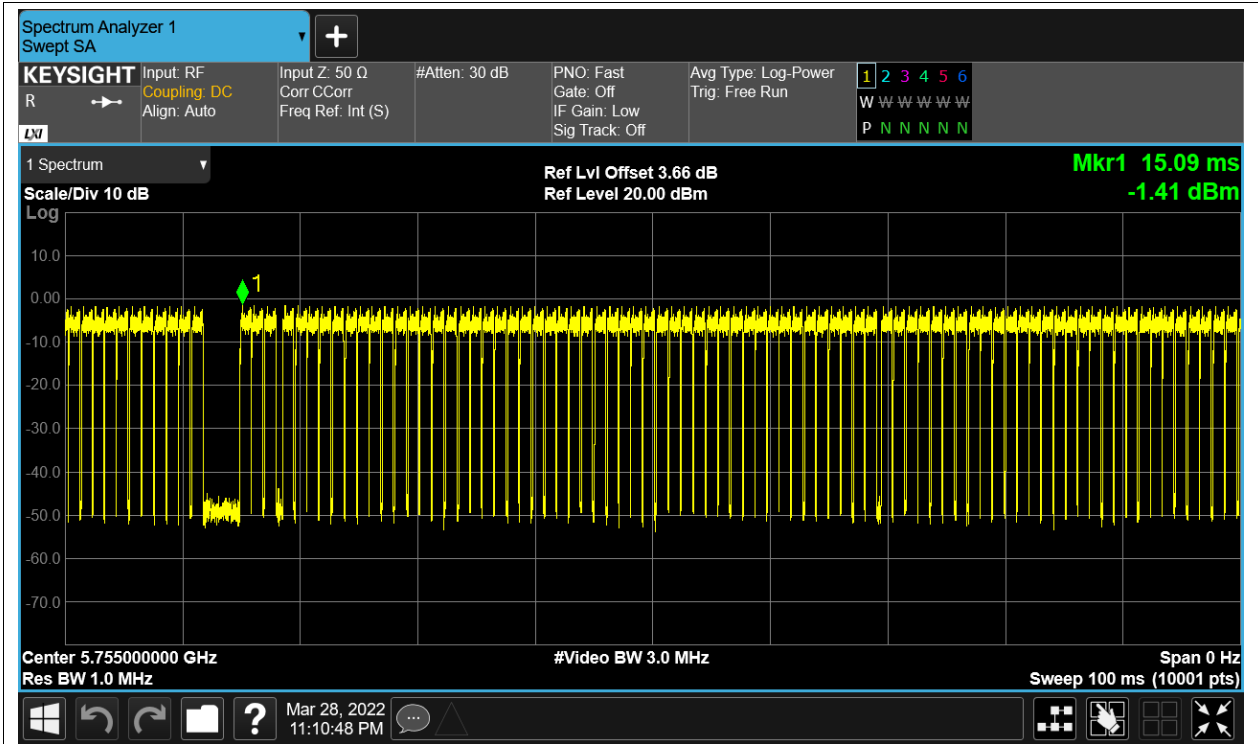
Duty Cycle NVNT ac20 5785MHz Ant1



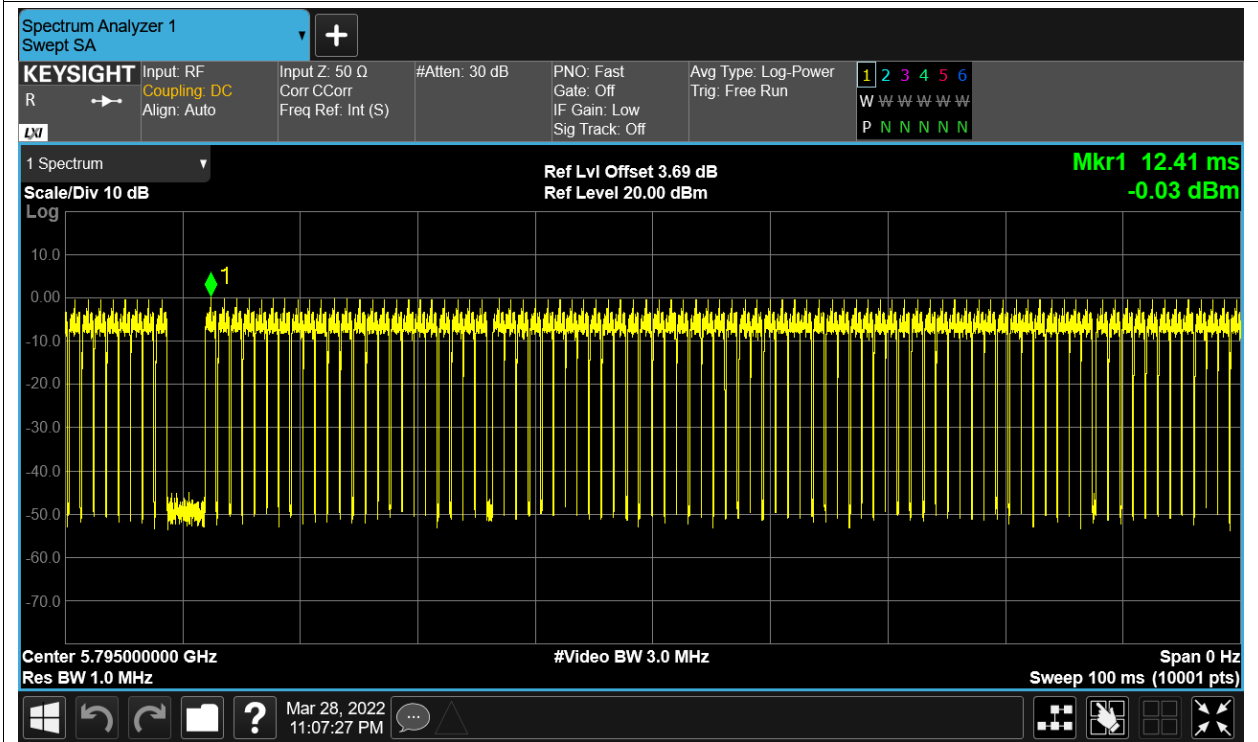
Duty Cycle NVNT ac20 5825MHz Ant1



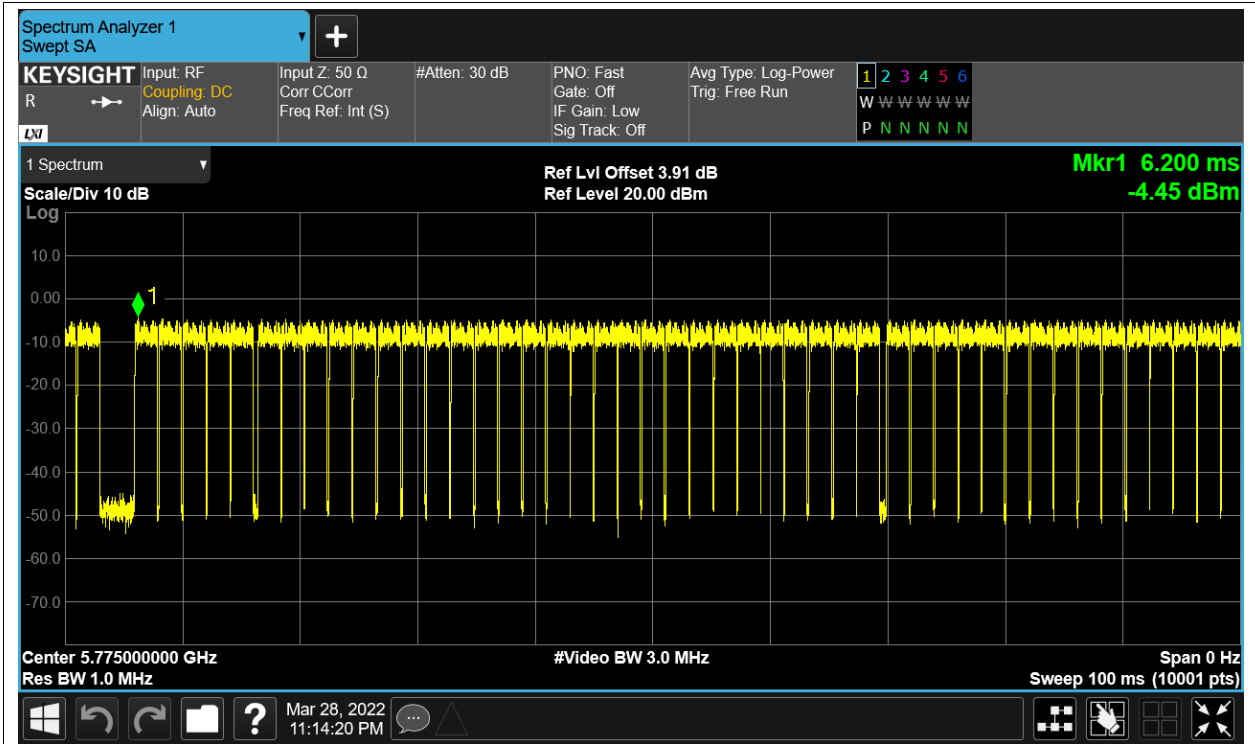
Duty Cycle NVNT ac40 5755MHz Ant1



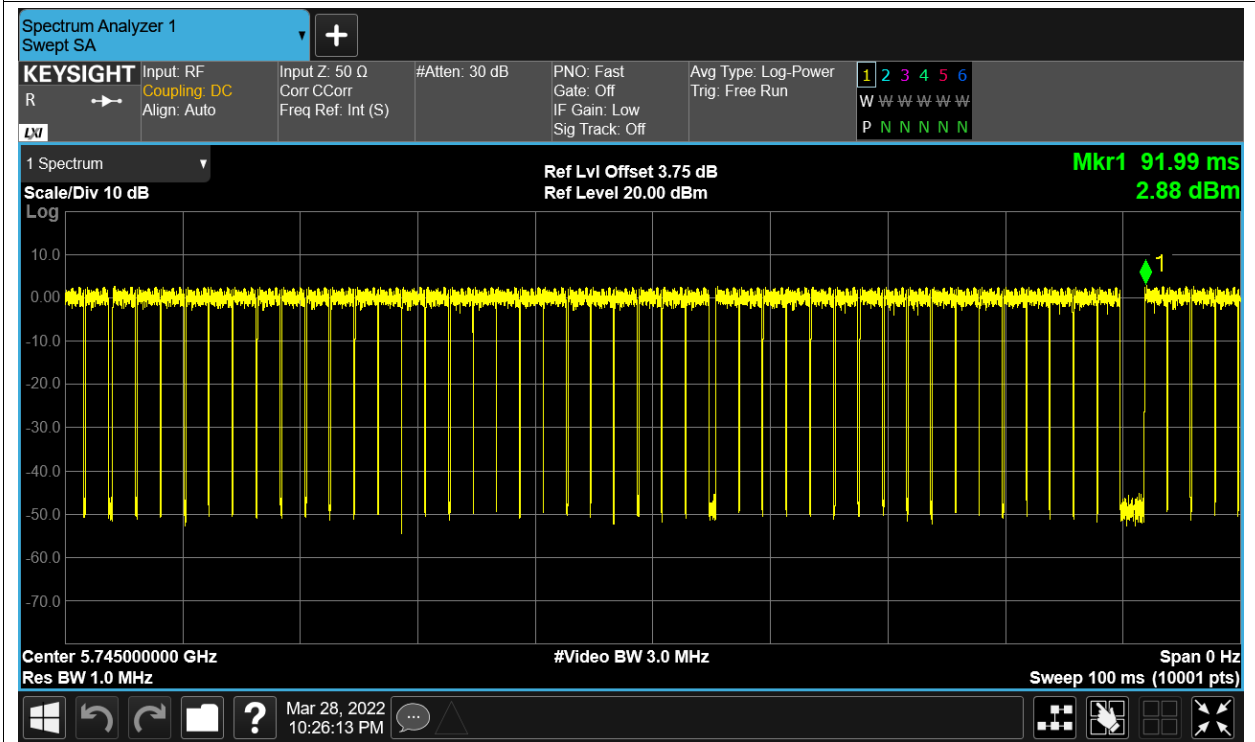
Duty Cycle NVNT ac40 5795MHz Ant1



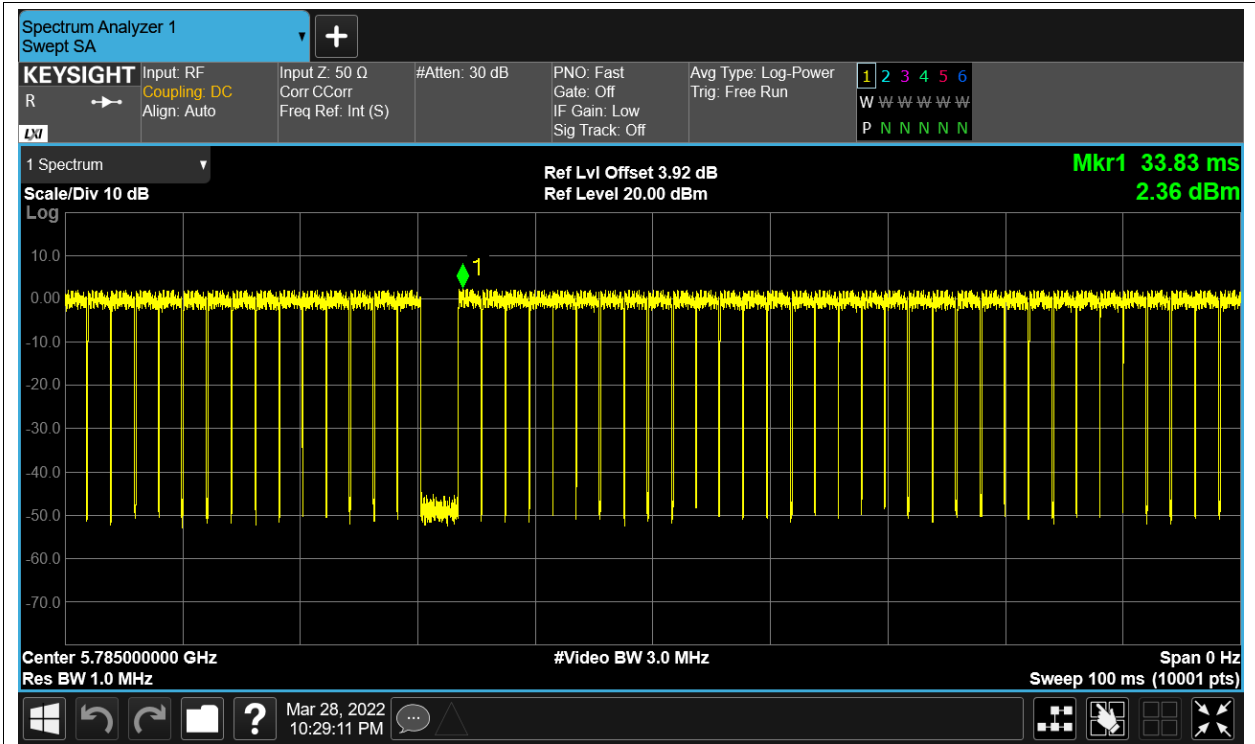
Duty Cycle NVNT ac80 5775MHz Ant1



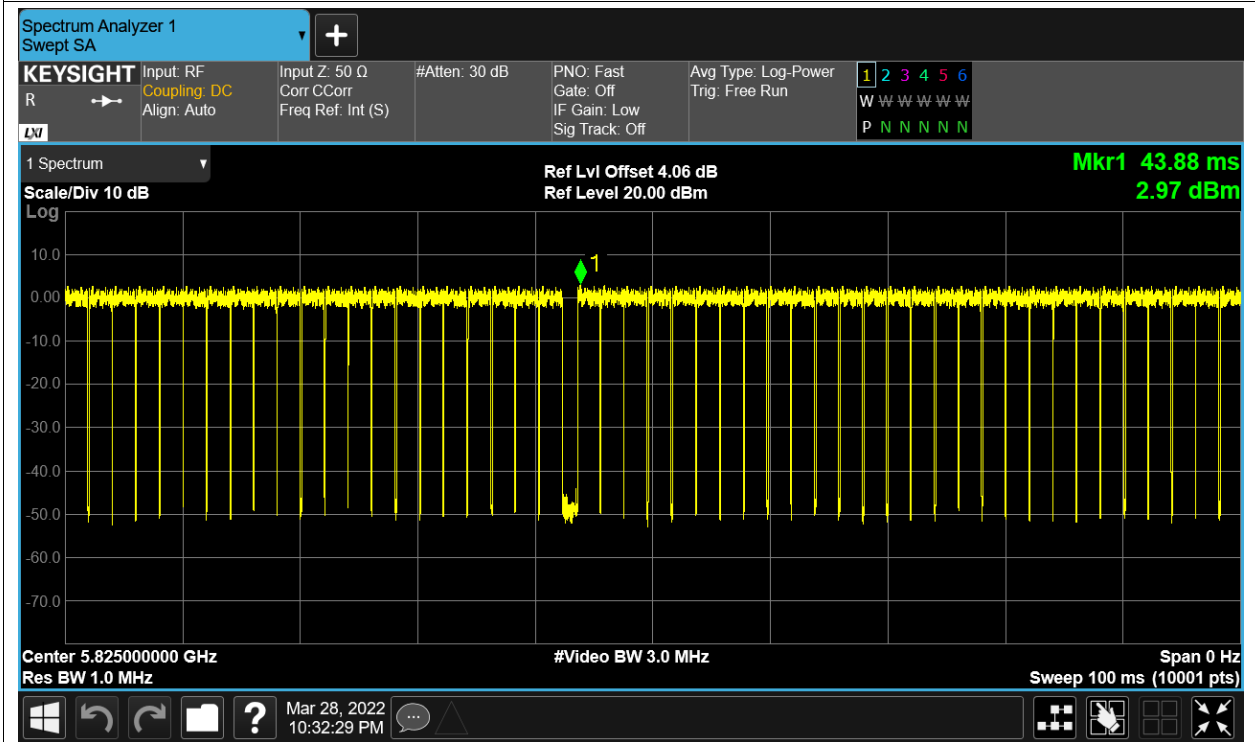
Duty Cycle NVNT n20 5745MHz Ant1



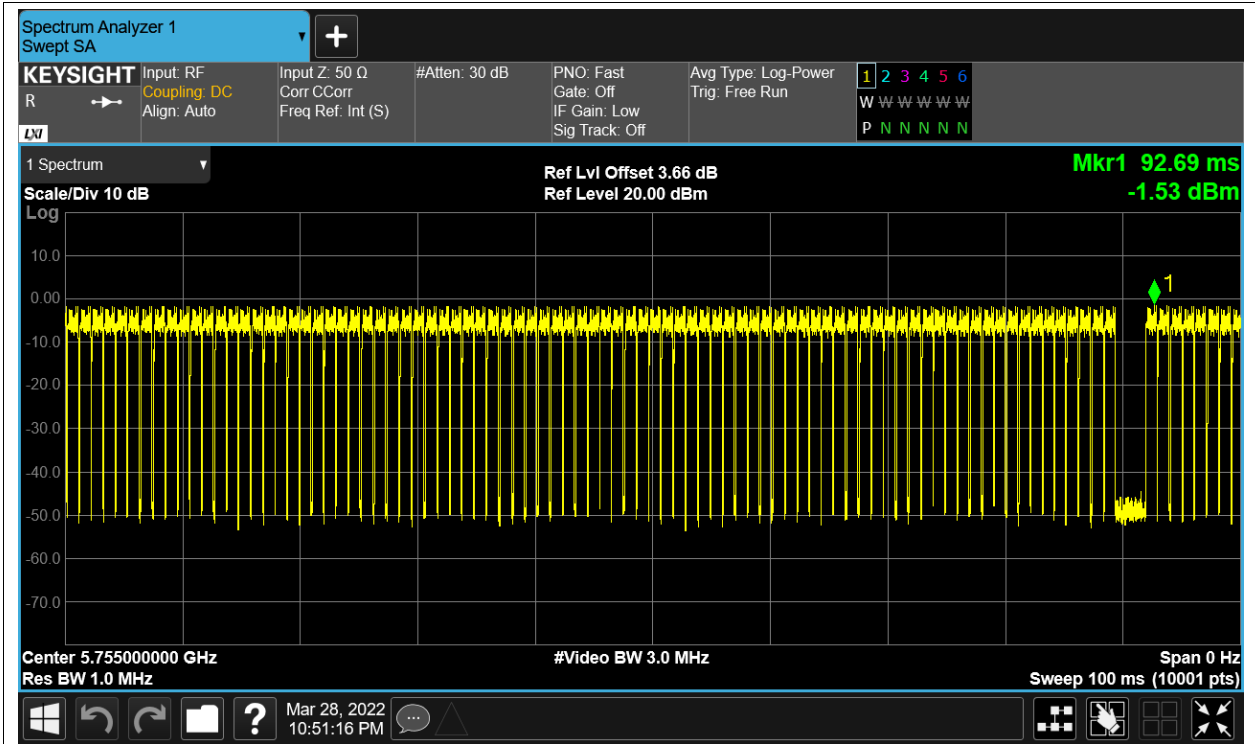
Duty Cycle NVNT n20 5785MHz Ant1



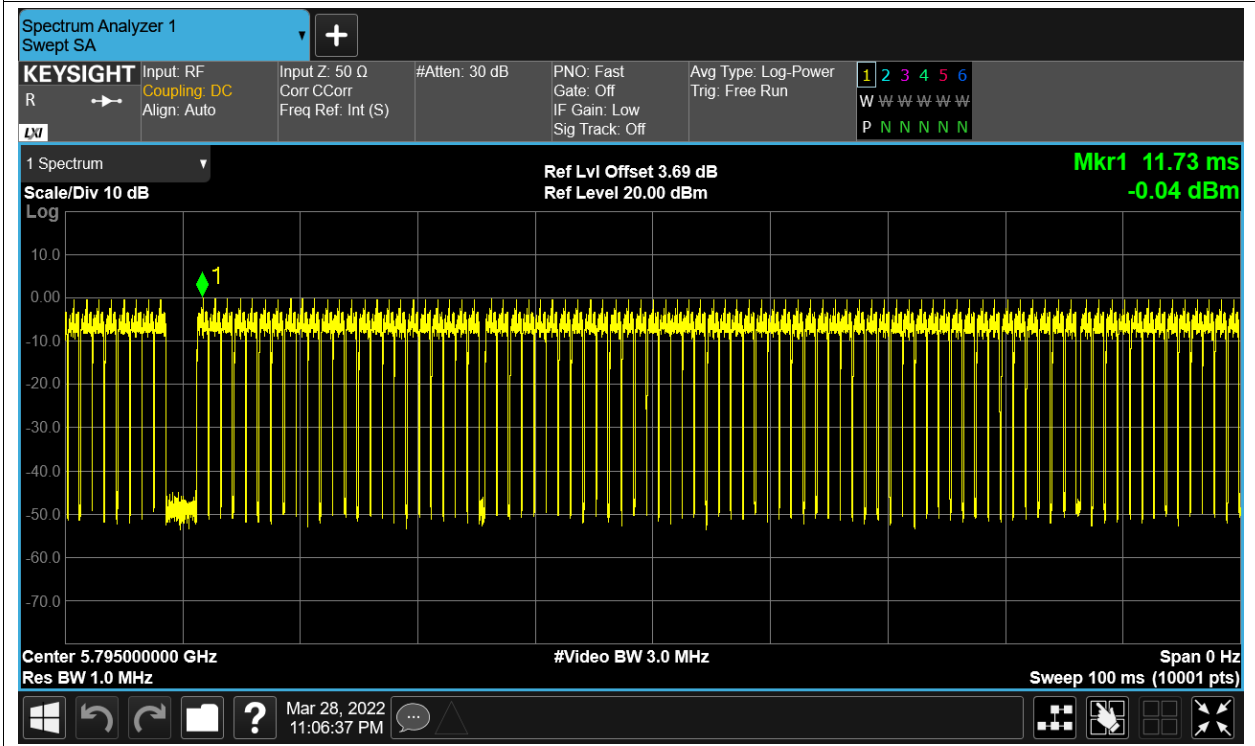
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1

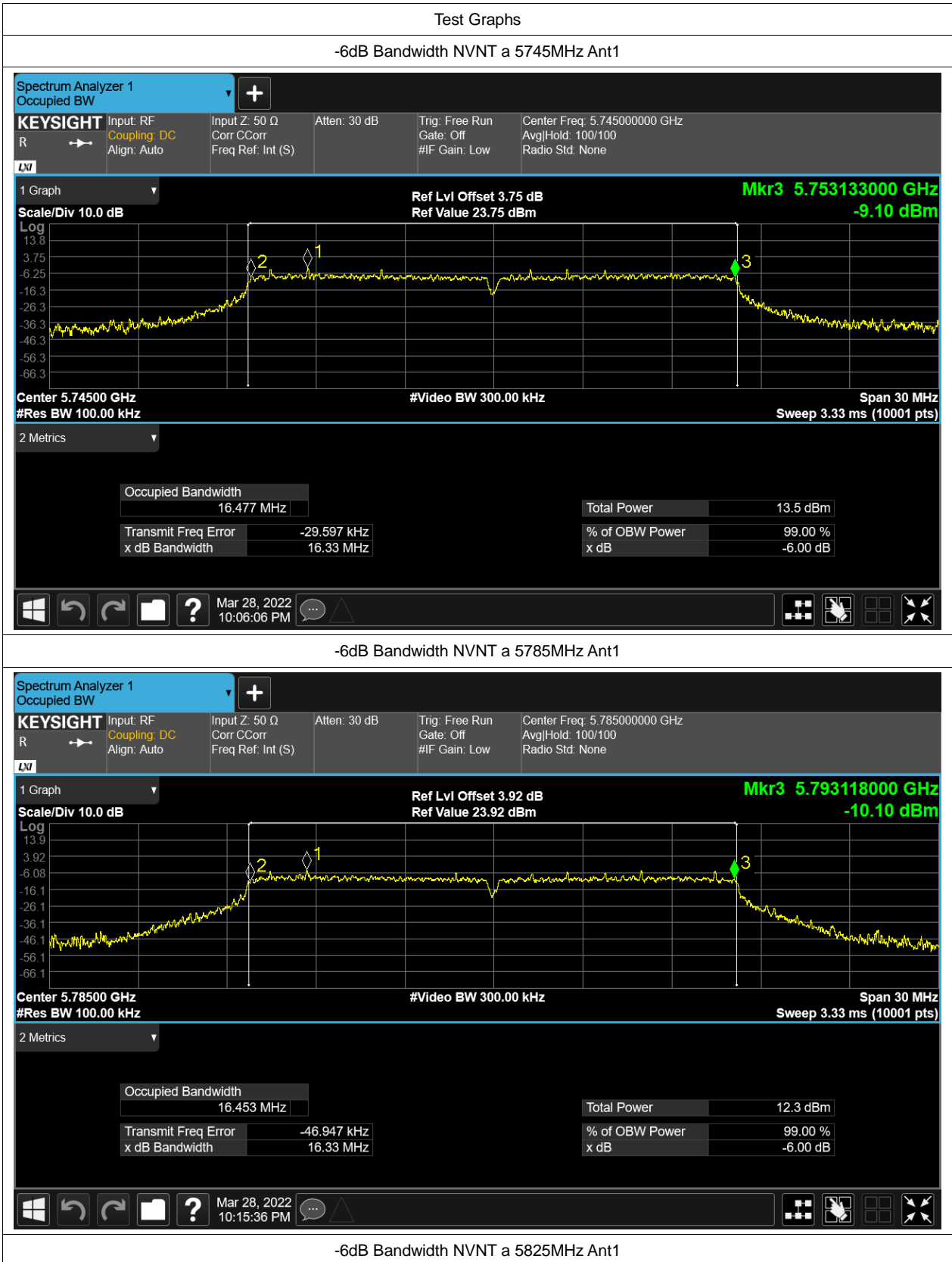


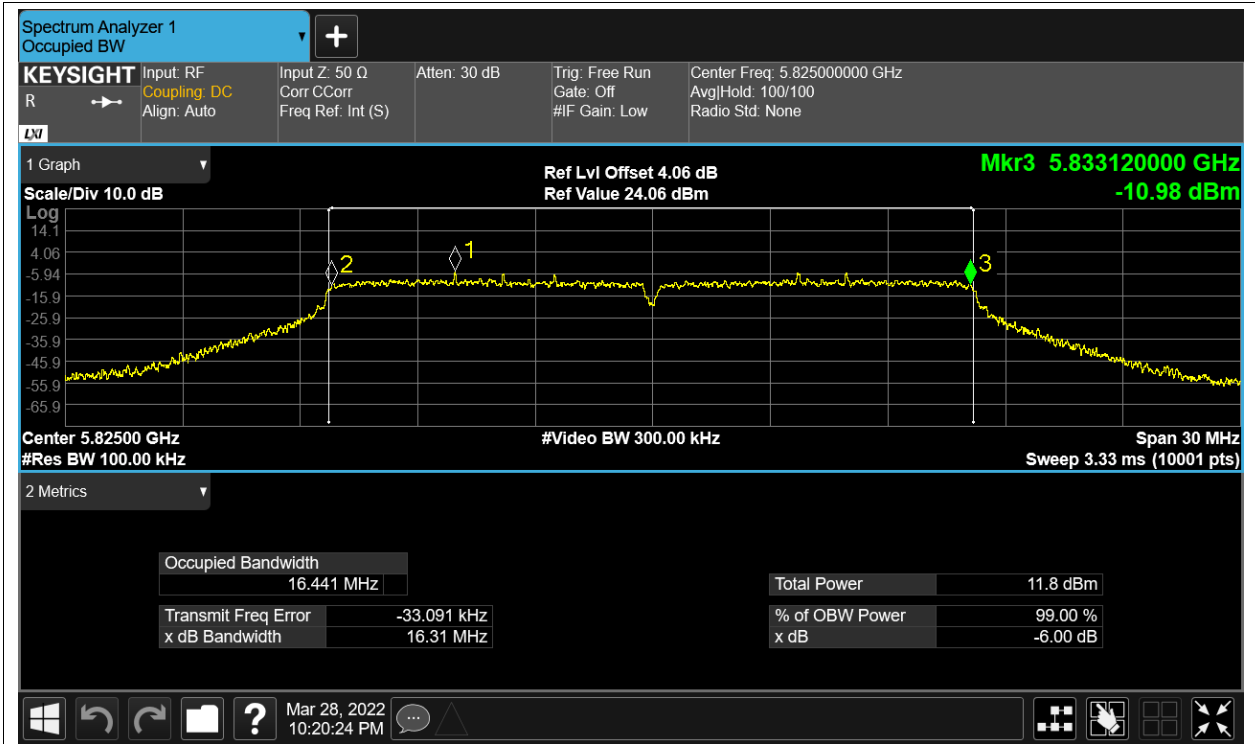
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.42	0.21	8.63	30	Pass
NVNT	a	5785	Ant1	8.38	0	8.38	30	Pass
NVNT	a	5825	Ant1	8.04	0	8.04	30	Pass
NVNT	ac20	5745	Ant1	9.21	0	9.21	30	Pass
NVNT	ac20	5785	Ant1	9.7	0	9.7	30	Pass
NVNT	ac20	5825	Ant1	9.88	0	9.88	30	Pass
NVNT	ac40	5755	Ant1	9.62	0	9.62	30	Pass
NVNT	ac40	5795	Ant1	9.25	0	9.25	30	Pass
NVNT	ac80	5775	Ant1	9.57	0	9.57	30	Pass
NVNT	n20	5745	Ant1	9.12	0.34	9.46	30	Pass
NVNT	n20	5785	Ant1	9.74	0	9.74	30	Pass
NVNT	n20	5825	Ant1	10.06	0	10.06	30	Pass
NVNT	n40	5755	Ant1	9.92	0	9.92	30	Pass
NVNT	n40	5795	Ant1	9.74	0	9.74	30	Pass

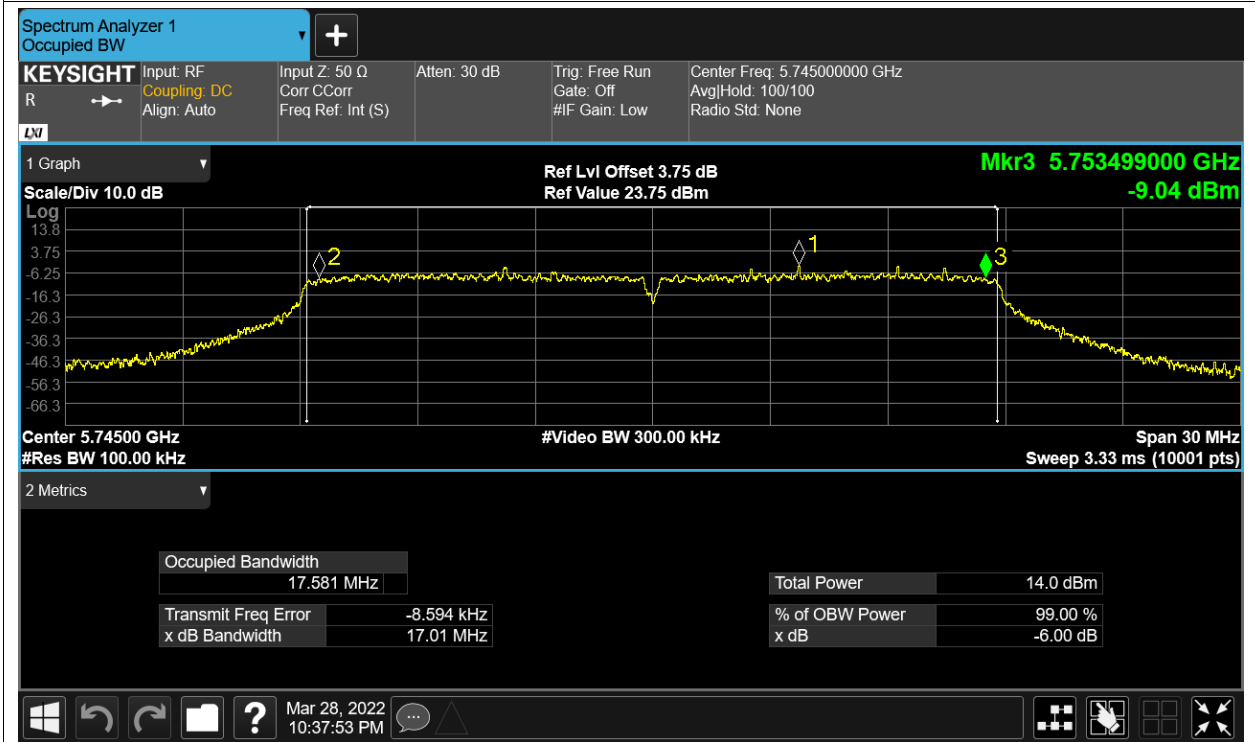
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.325	0.5	Pass
NVNT	a	5785	Ant1	16.329	0.5	Pass
NVNT	a	5825	Ant1	16.307	0.5	Pass
NVNT	ac20	5745	Ant1	17.015	0.5	Pass
NVNT	ac20	5785	Ant1	17.045	0.5	Pass
NVNT	ac20	5825	Ant1	16.924	0.5	Pass
NVNT	ac40	5755	Ant1	35.246	0.5	Pass
NVNT	ac40	5795	Ant1	35.698	0.5	Pass
NVNT	ac80	5775	Ant1	75.14	0.5	Pass
NVNT	n20	5745	Ant1	16.91	0.5	Pass
NVNT	n20	5785	Ant1	17.545	0.5	Pass
NVNT	n20	5825	Ant1	17.557	0.5	Pass
NVNT	n40	5755	Ant1	35.495	0.5	Pass
NVNT	n40	5795	Ant1	35.907	0.5	Pass

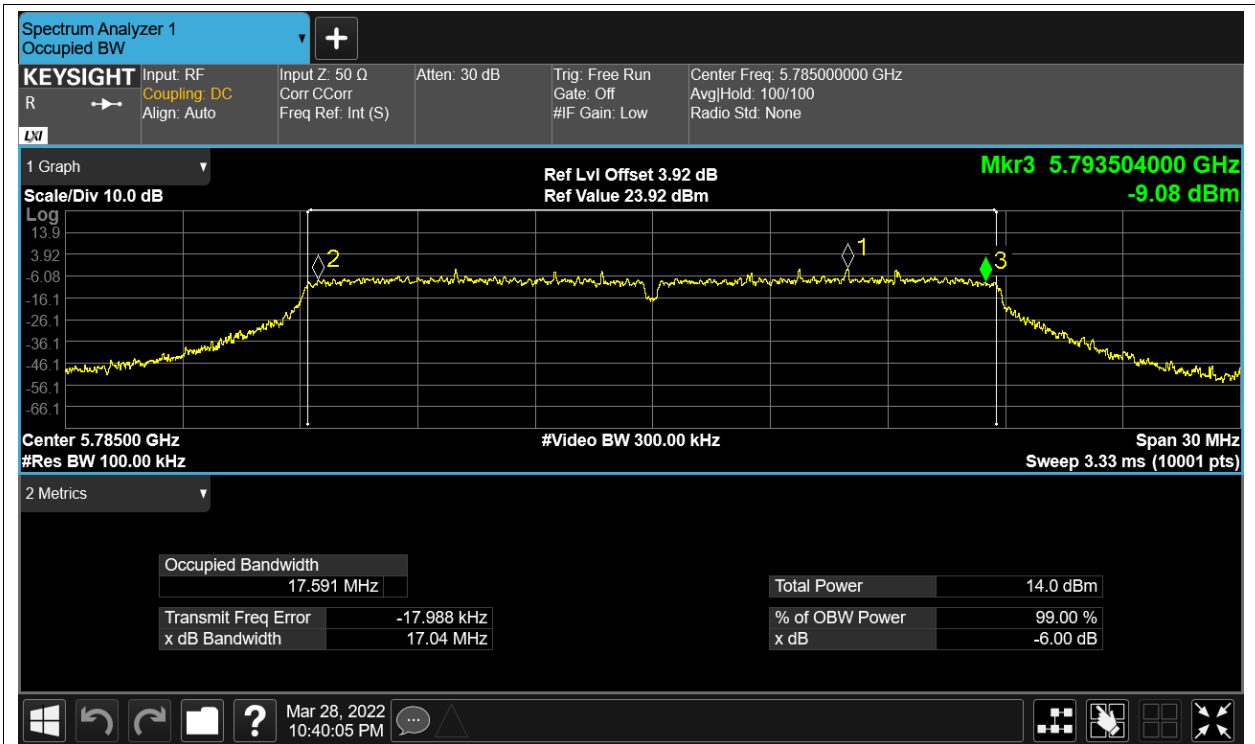




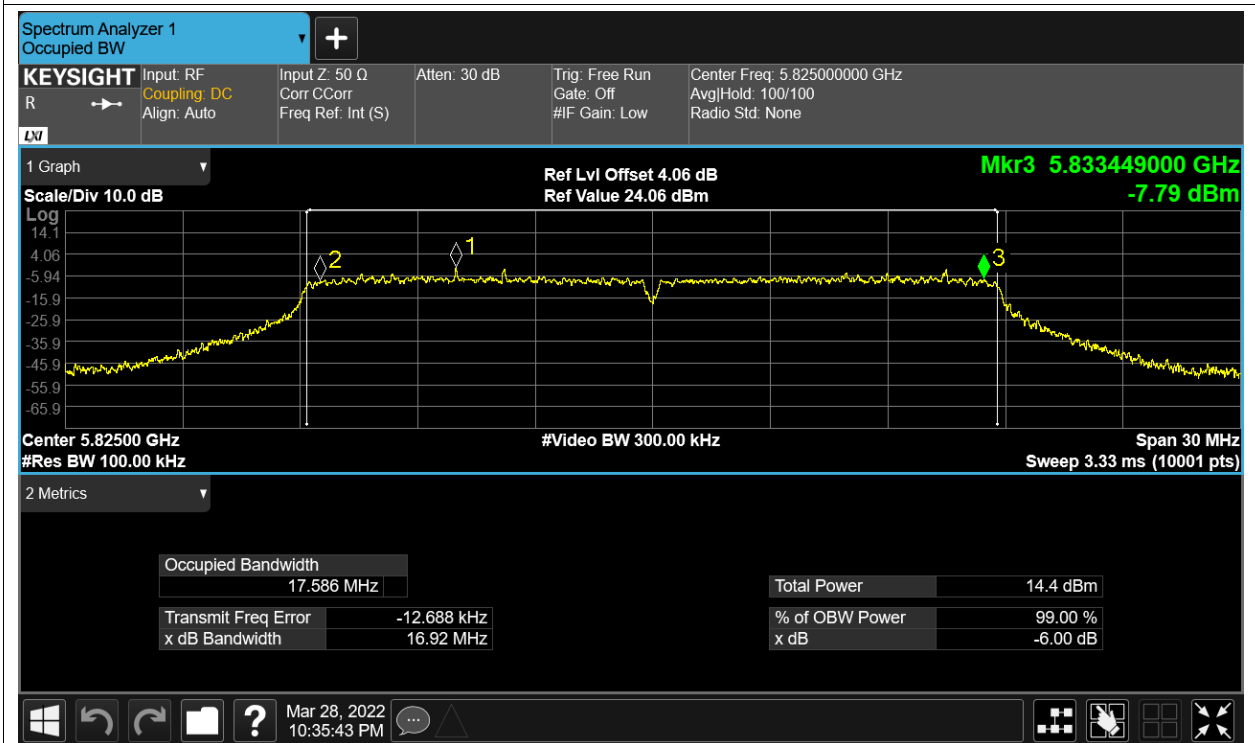
-6dB Bandwidth NVNT ac20 5745MHz Ant1



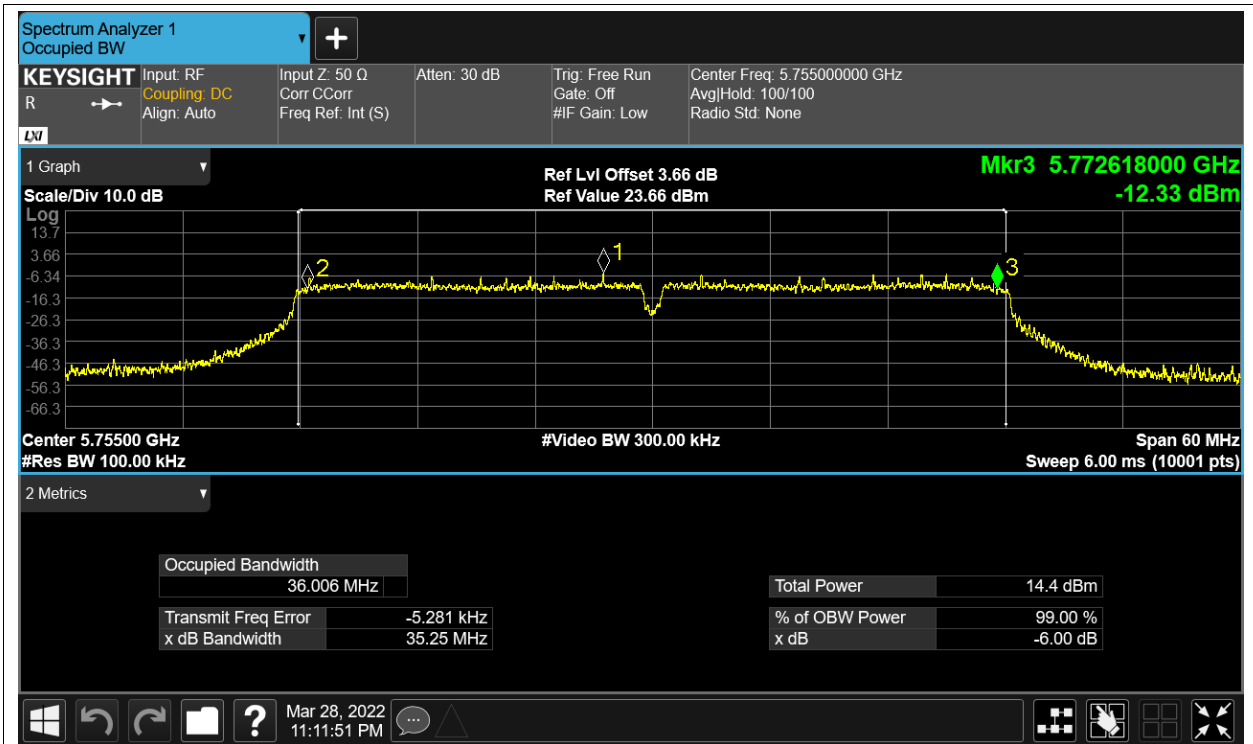
-6dB Bandwidth NVNT ac20 5785MHz Ant1



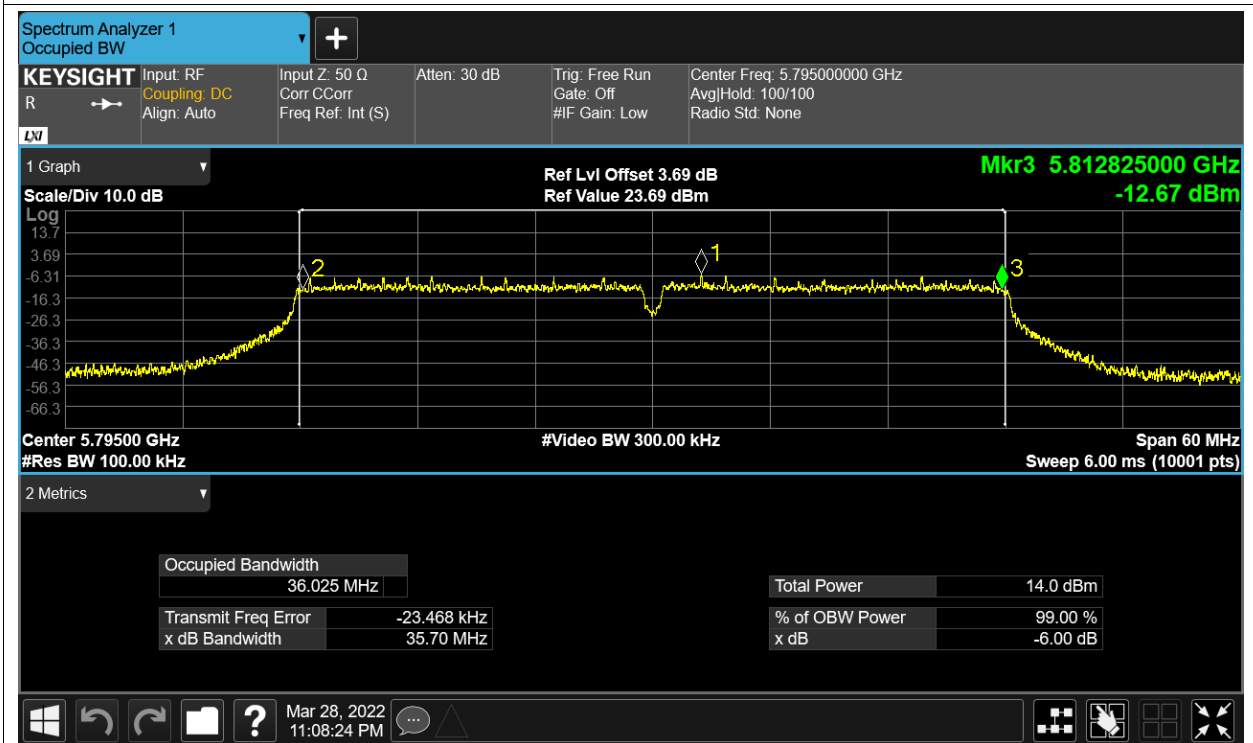
-6dB Bandwidth NVNT ac20 5825MHz Ant1



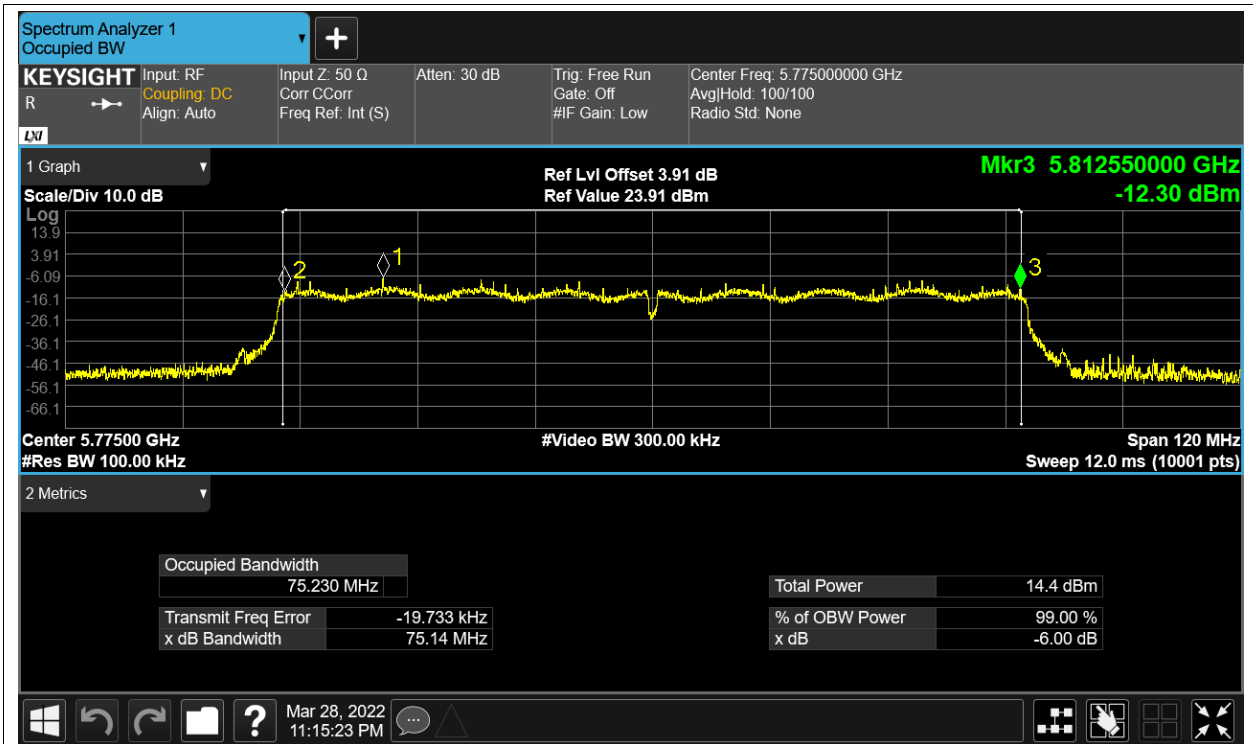
-6dB Bandwidth NVNT ac40 5755MHz Ant1



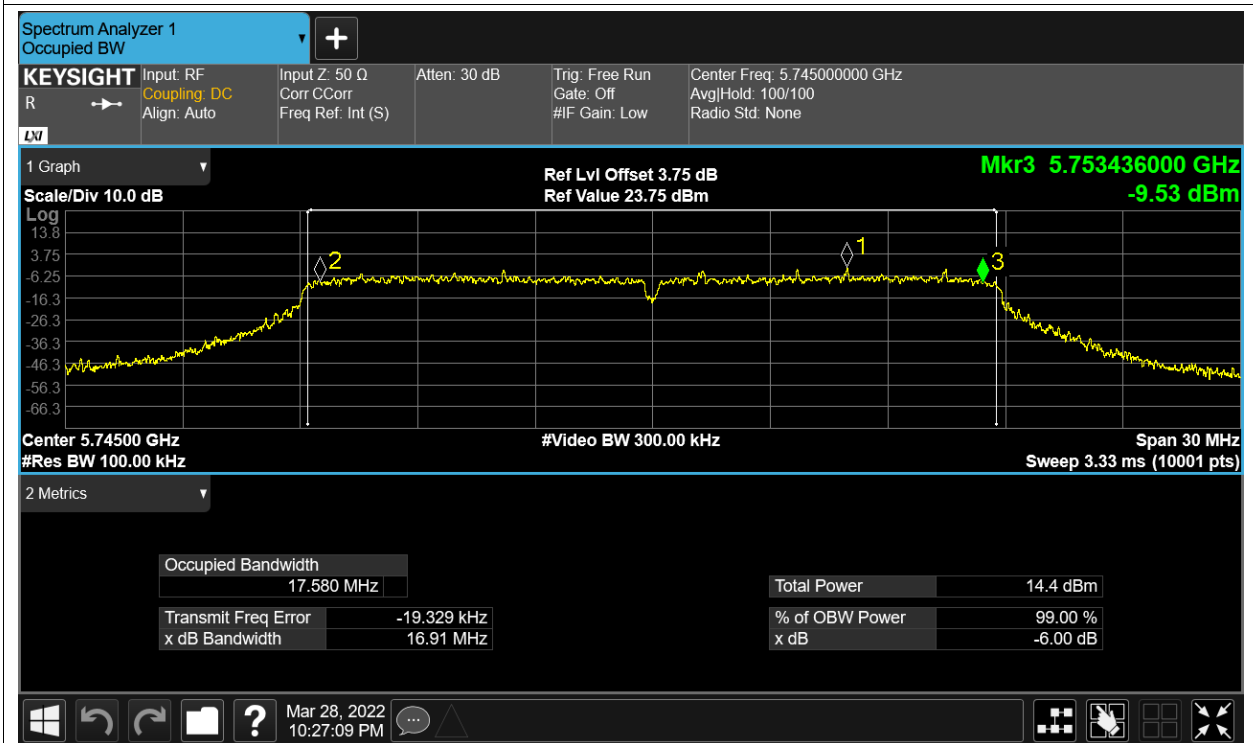
-6dB Bandwidth NVNT ac40 5795MHz Ant1



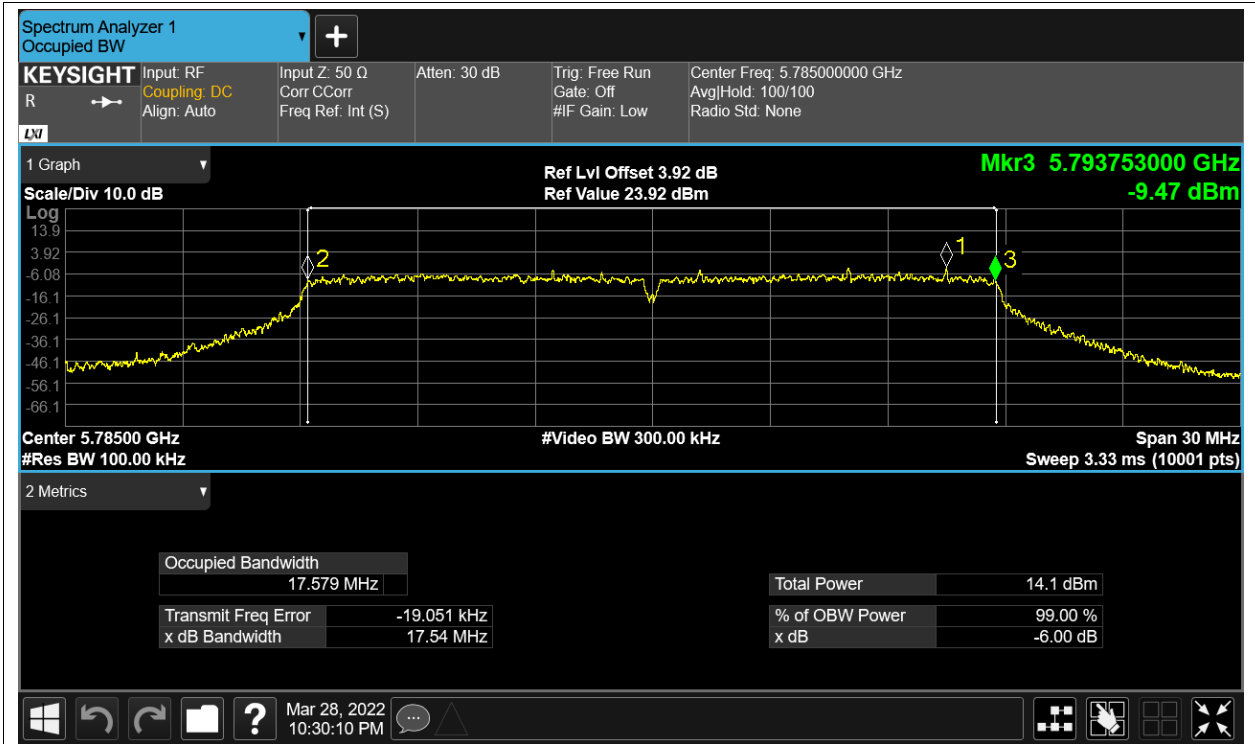
-6dB Bandwidth NVNT ac80 5775MHz Ant1



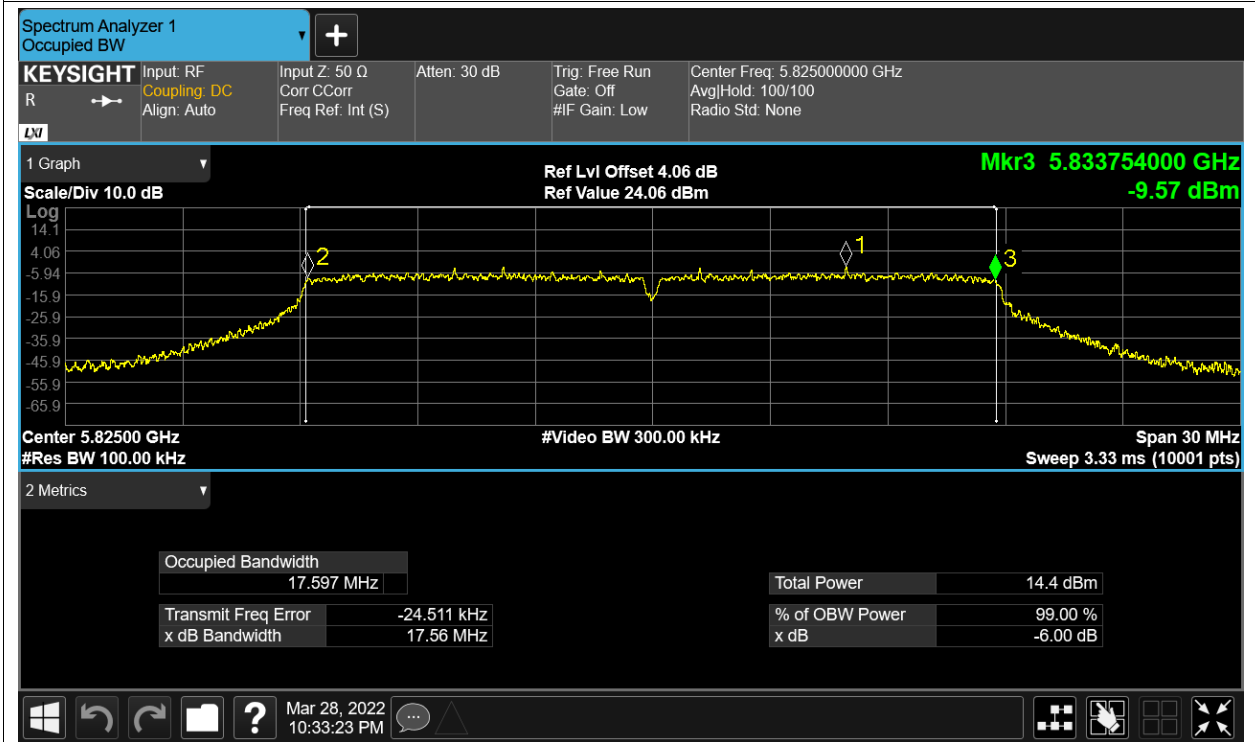
-6dB Bandwidth NVNT n20 5745MHz Ant1



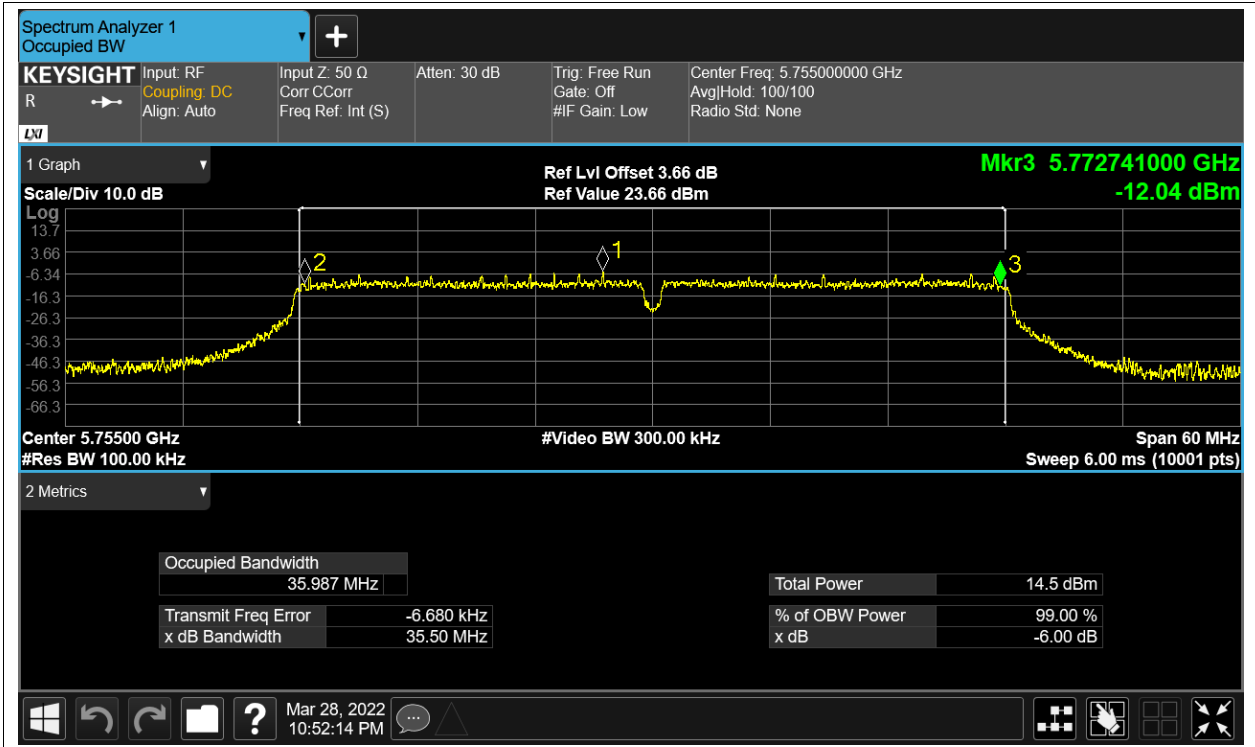
-6dB Bandwidth NVNT n20 5785MHz Ant1



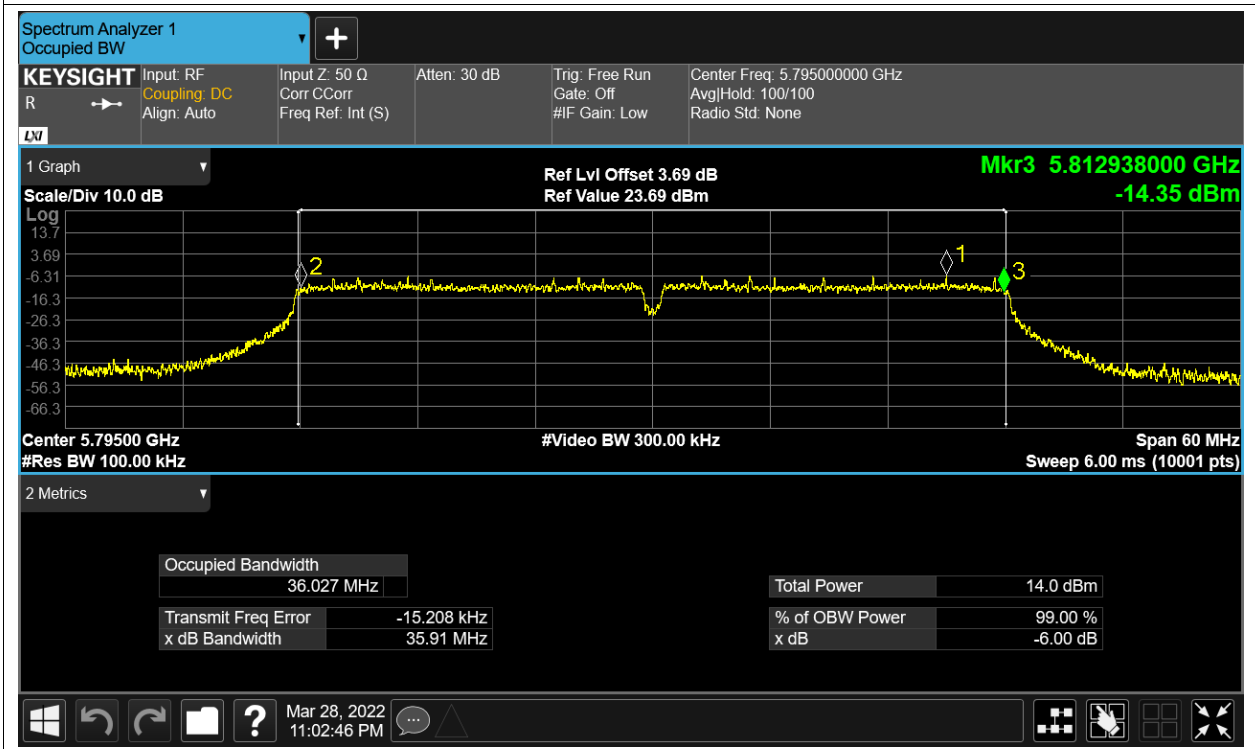
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1

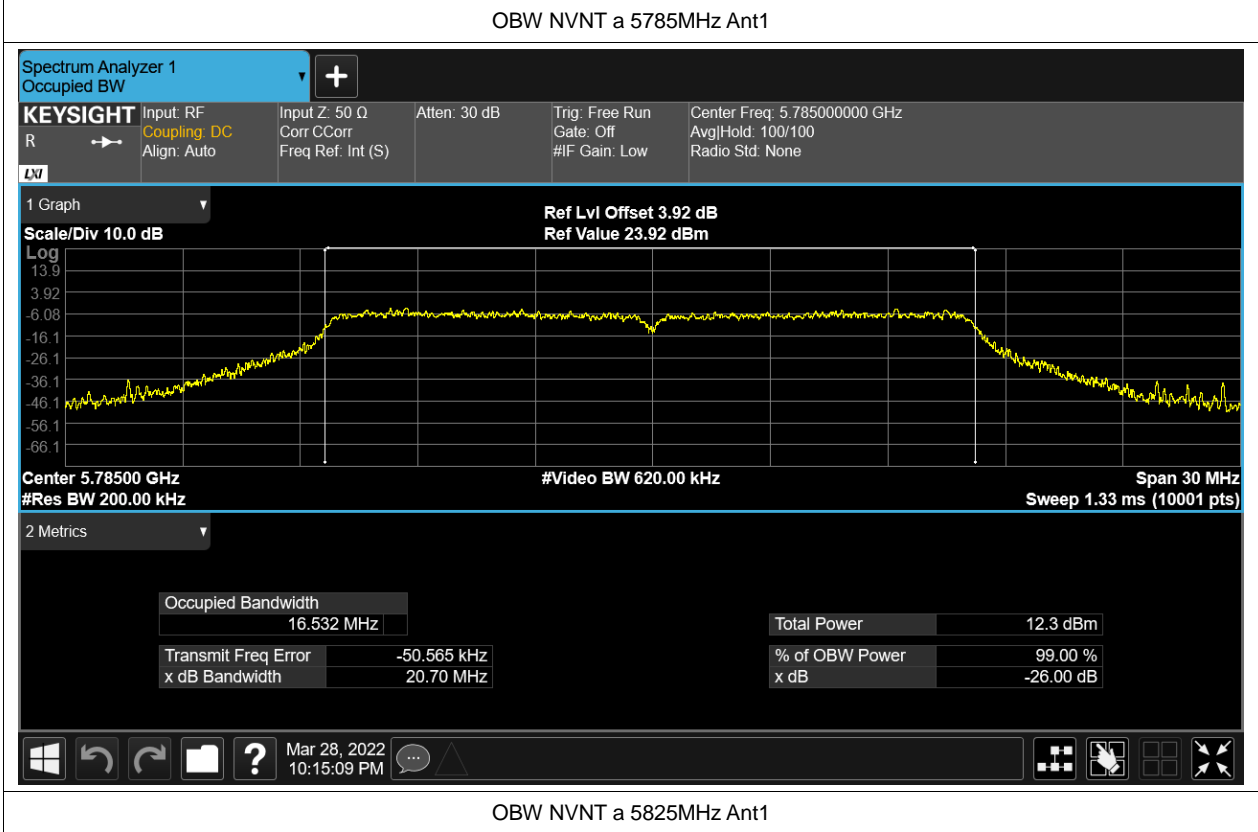
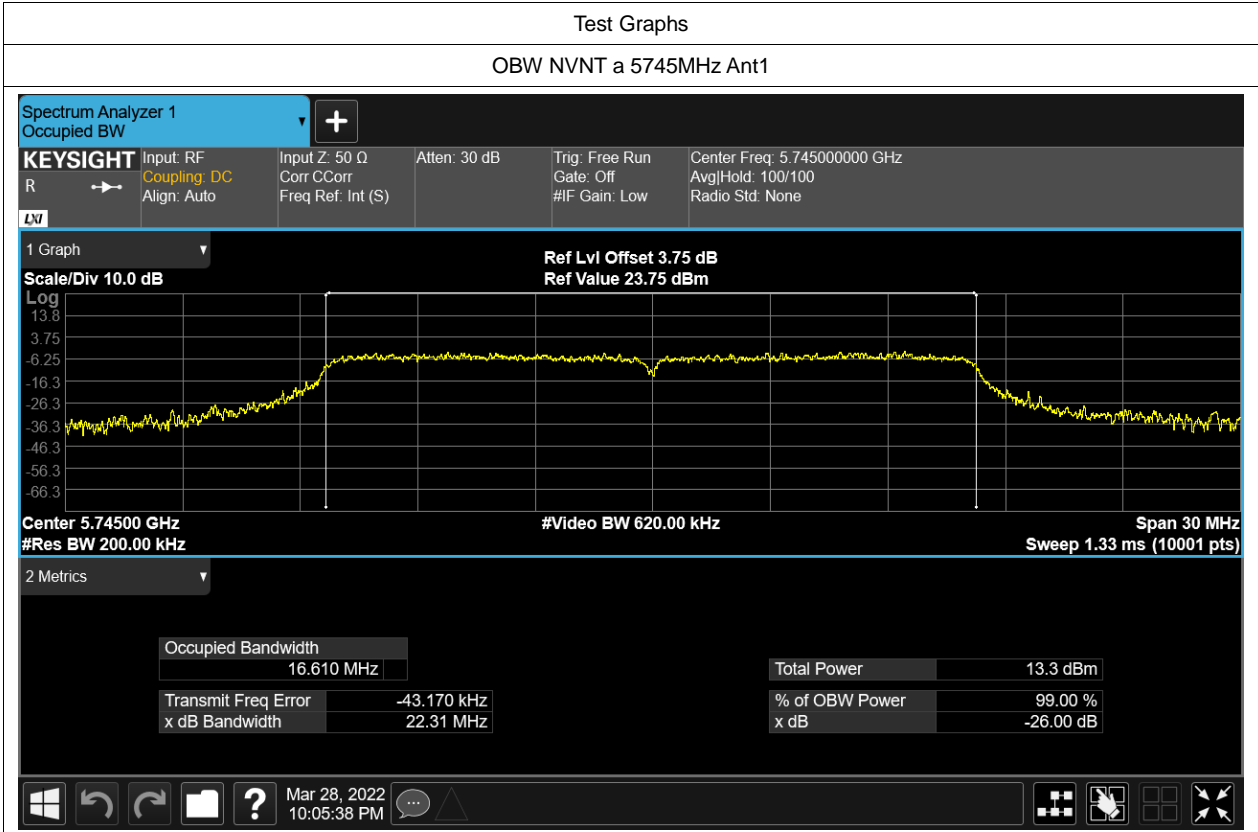


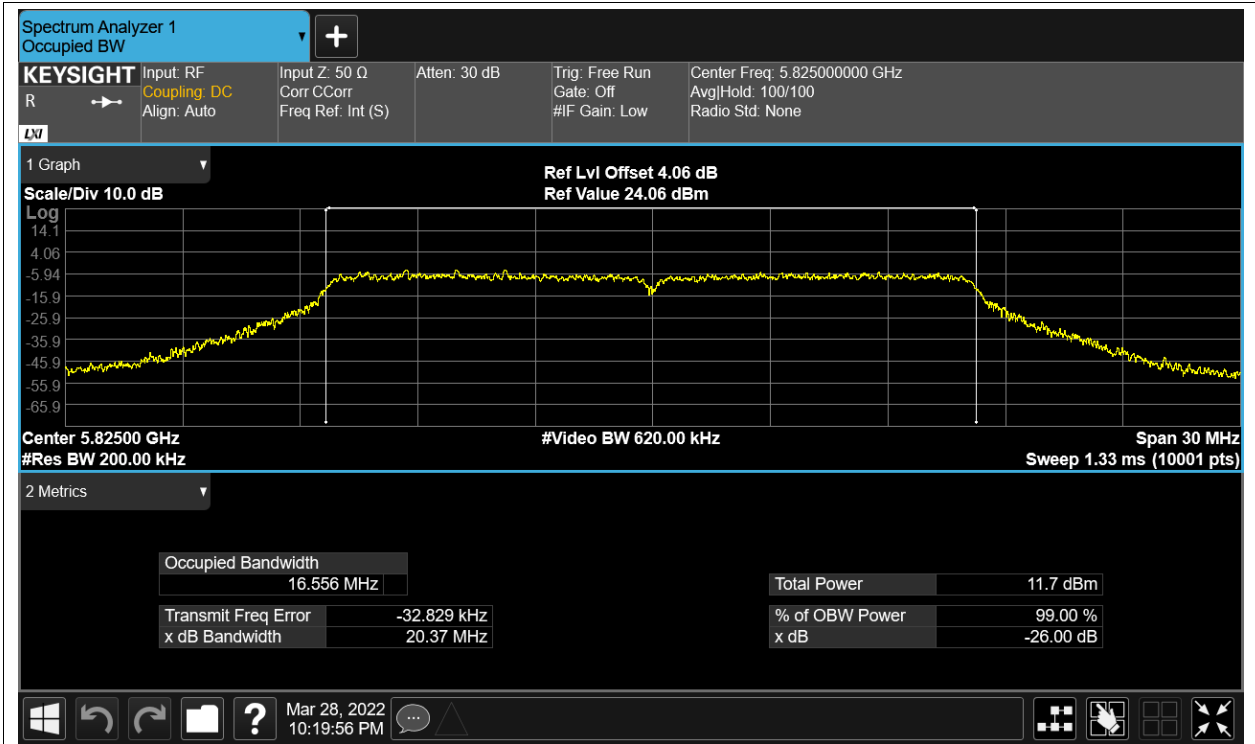
-6dB Bandwidth NVNT n40 5795MHz Ant1



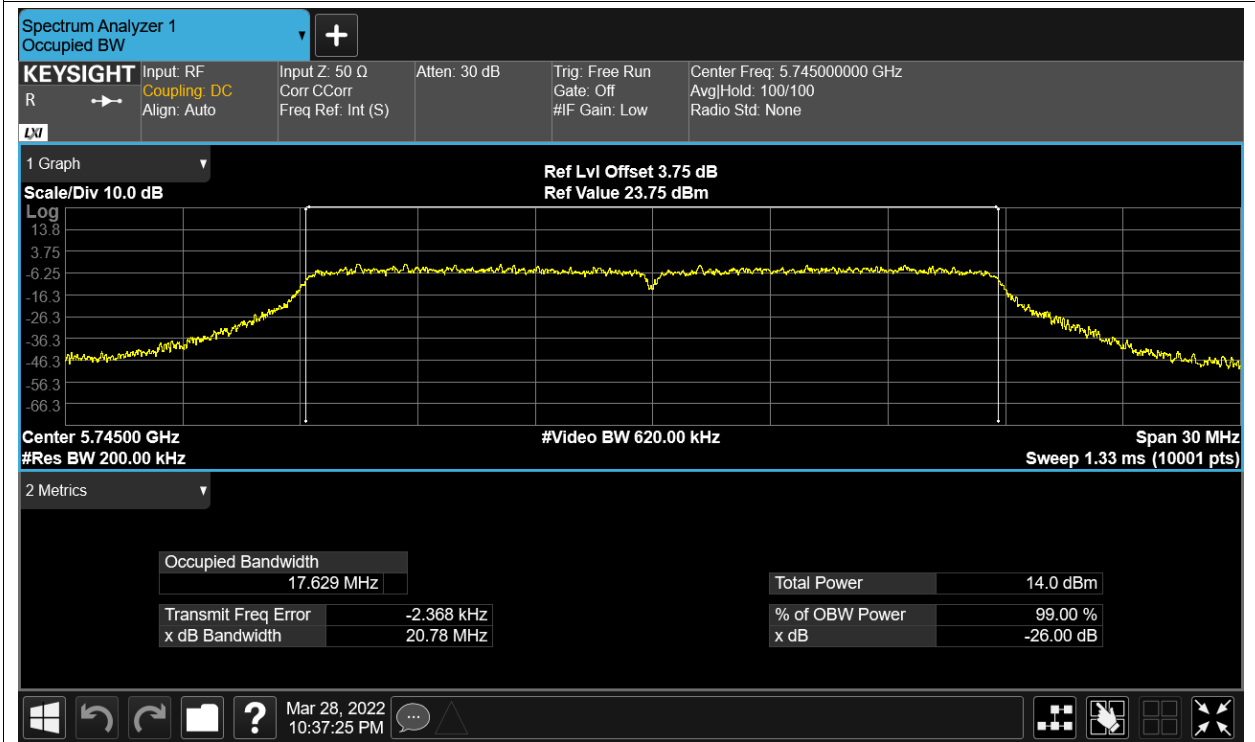
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.60993215
NVNT	a	5785	Ant1	16.5317304
NVNT	a	5825	Ant1	16.55619681
NVNT	ac20	5745	Ant1	17.62931714
NVNT	ac20	5785	Ant1	17.64728945
NVNT	ac20	5825	Ant1	17.59965645
NVNT	ac40	5755	Ant1	36.1490325
NVNT	ac40	5795	Ant1	36.15572021
NVNT	ac80	5775	Ant1	75.32048311
NVNT	n20	5745	Ant1	17.64853307
NVNT	n20	5785	Ant1	17.6009801
NVNT	n20	5825	Ant1	17.61571131
NVNT	n40	5755	Ant1	36.10037874
NVNT	n40	5795	Ant1	36.21081329

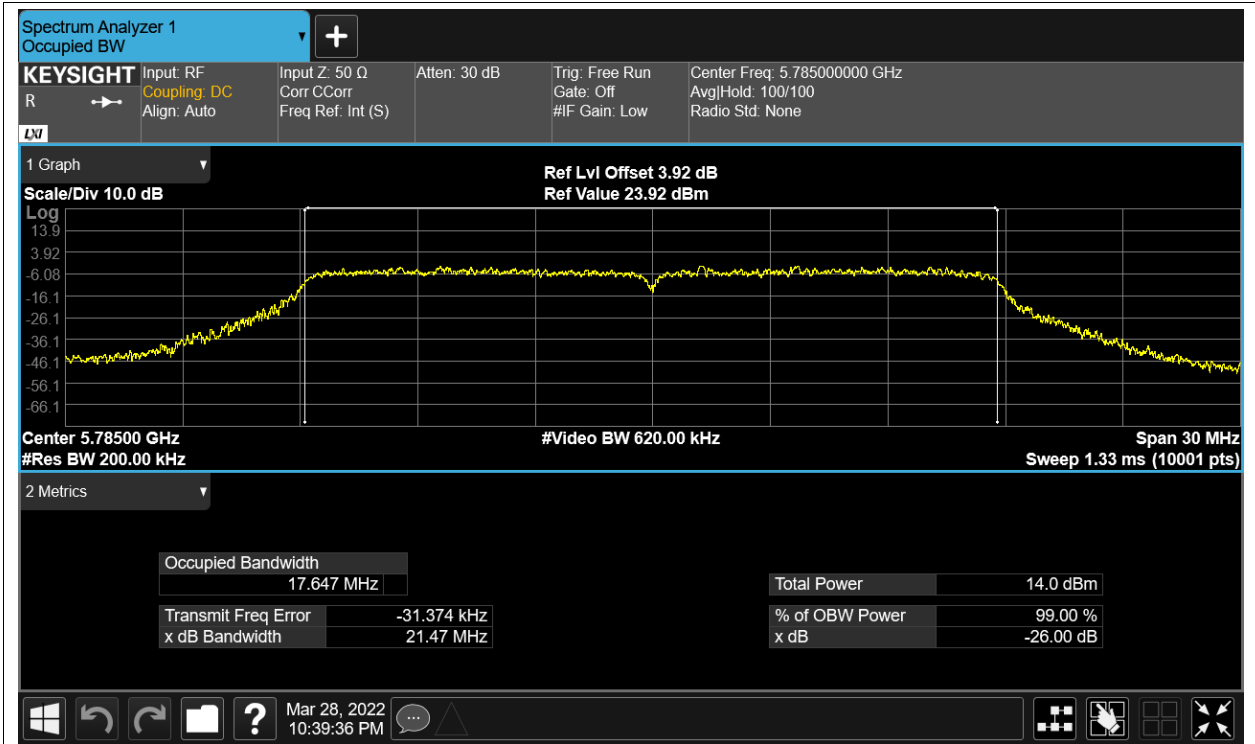




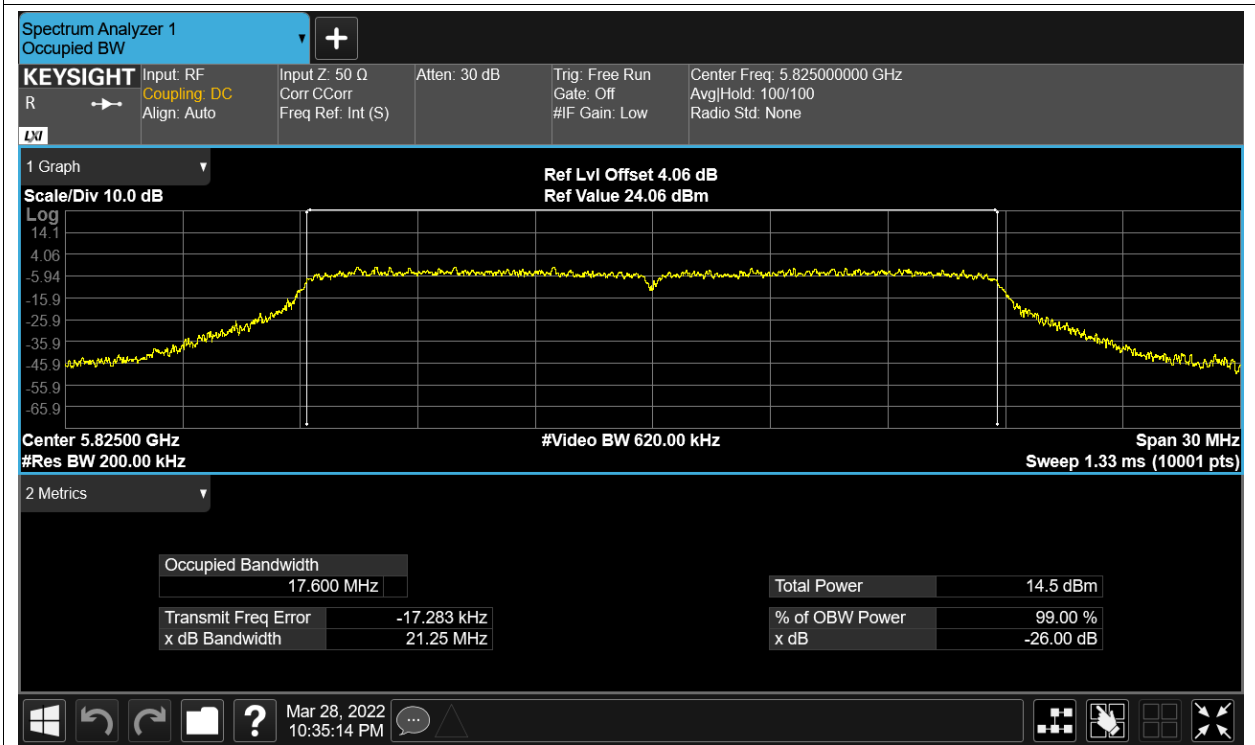
OBW NVNT ac20 5745MHz Ant1



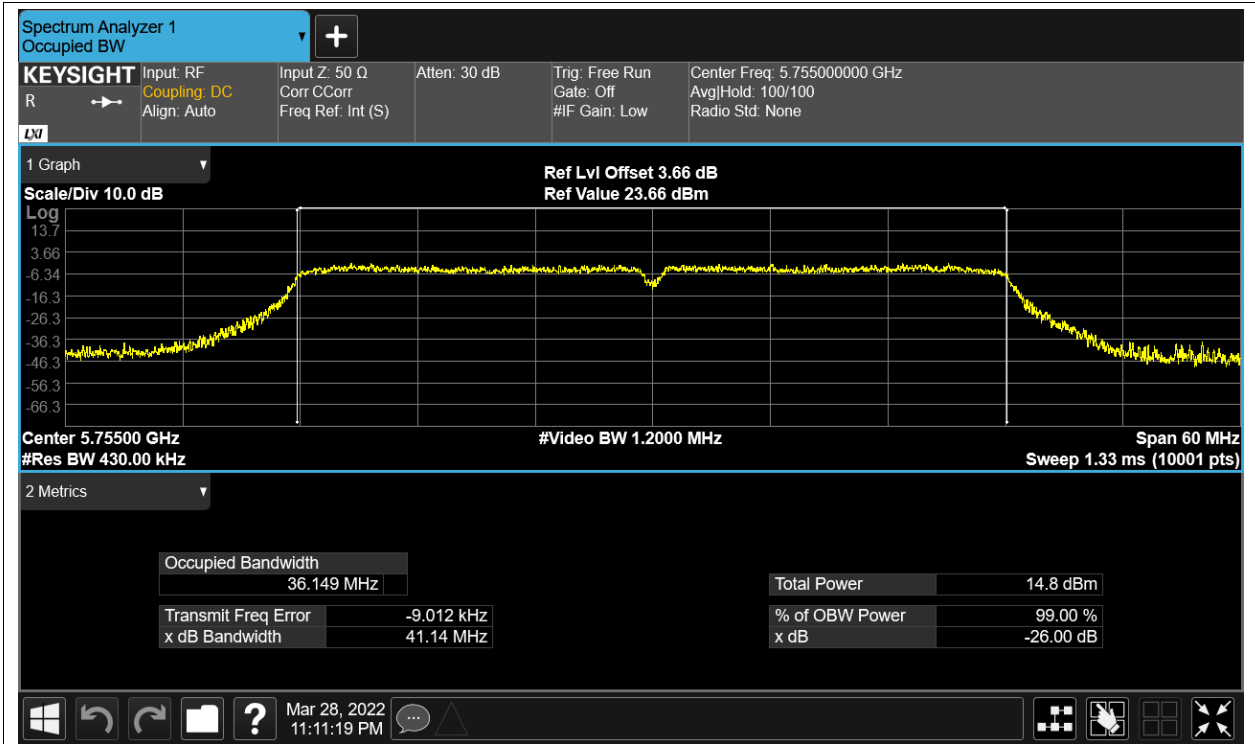
OBW NVNT ac20 5785MHz Ant1



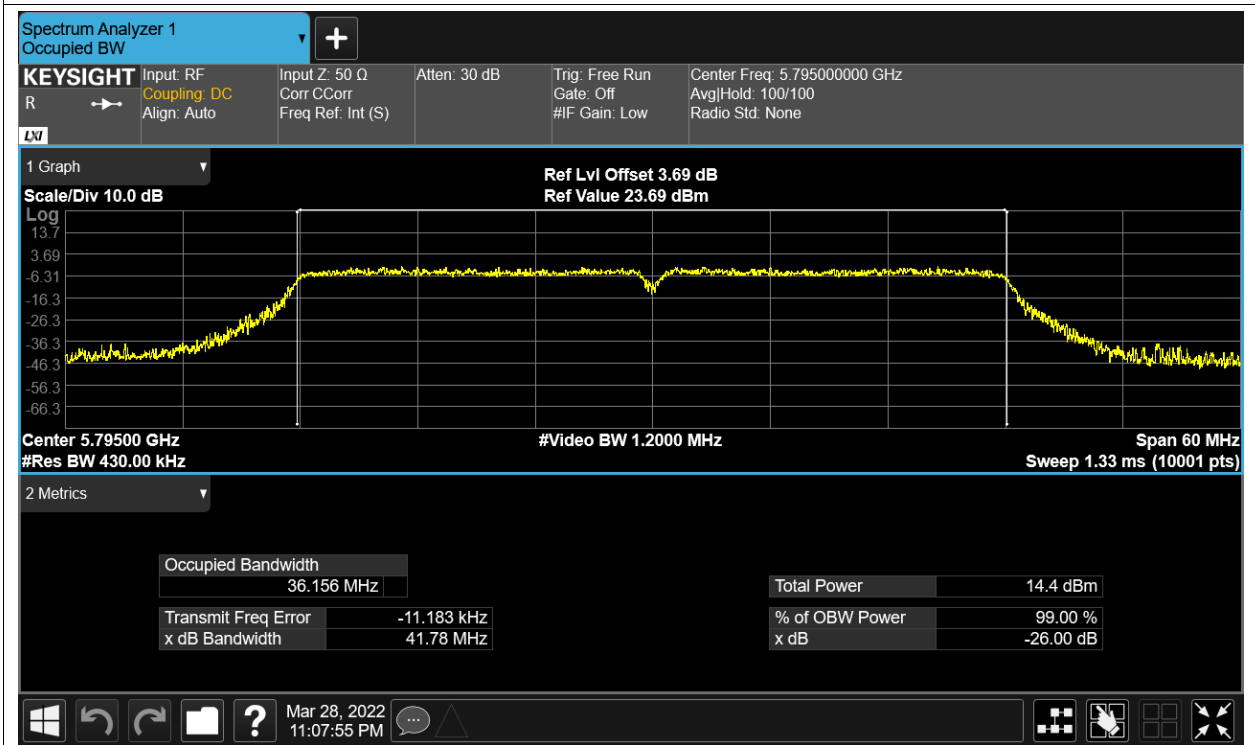
OBW NVNT ac20 5825MHz Ant1



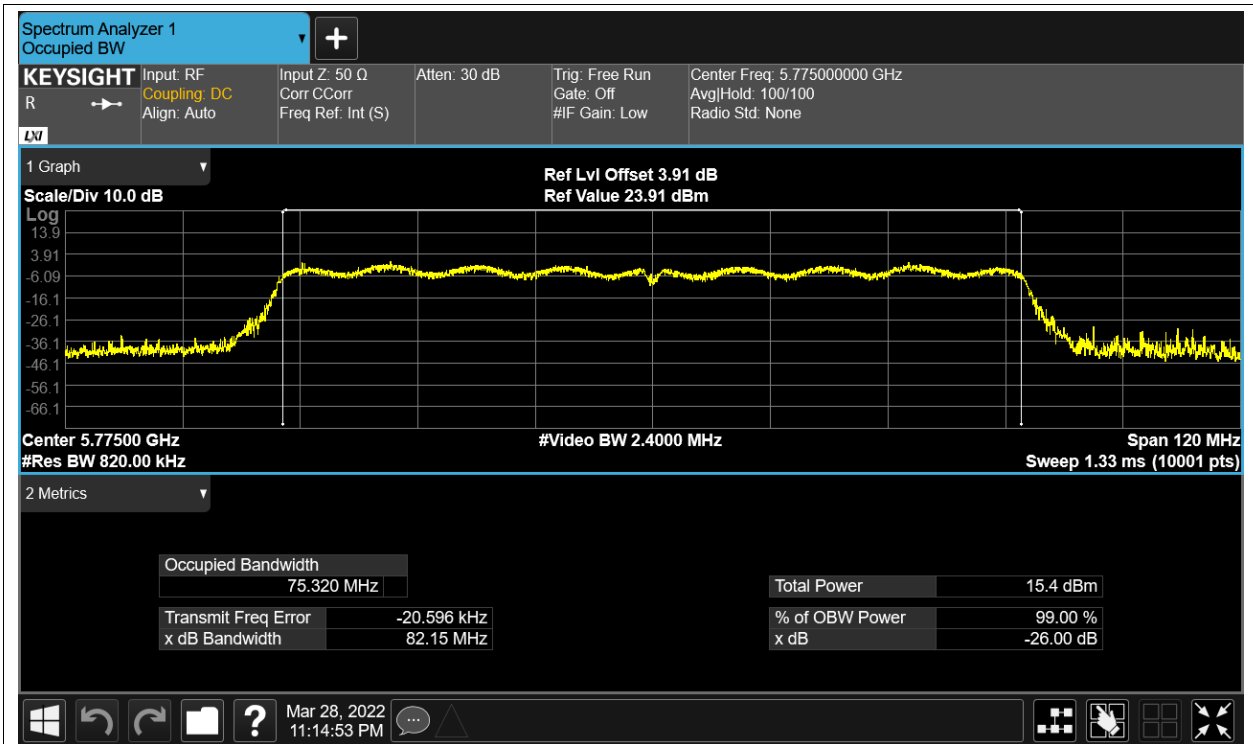
OBW NVNT ac40 5755MHz Ant1



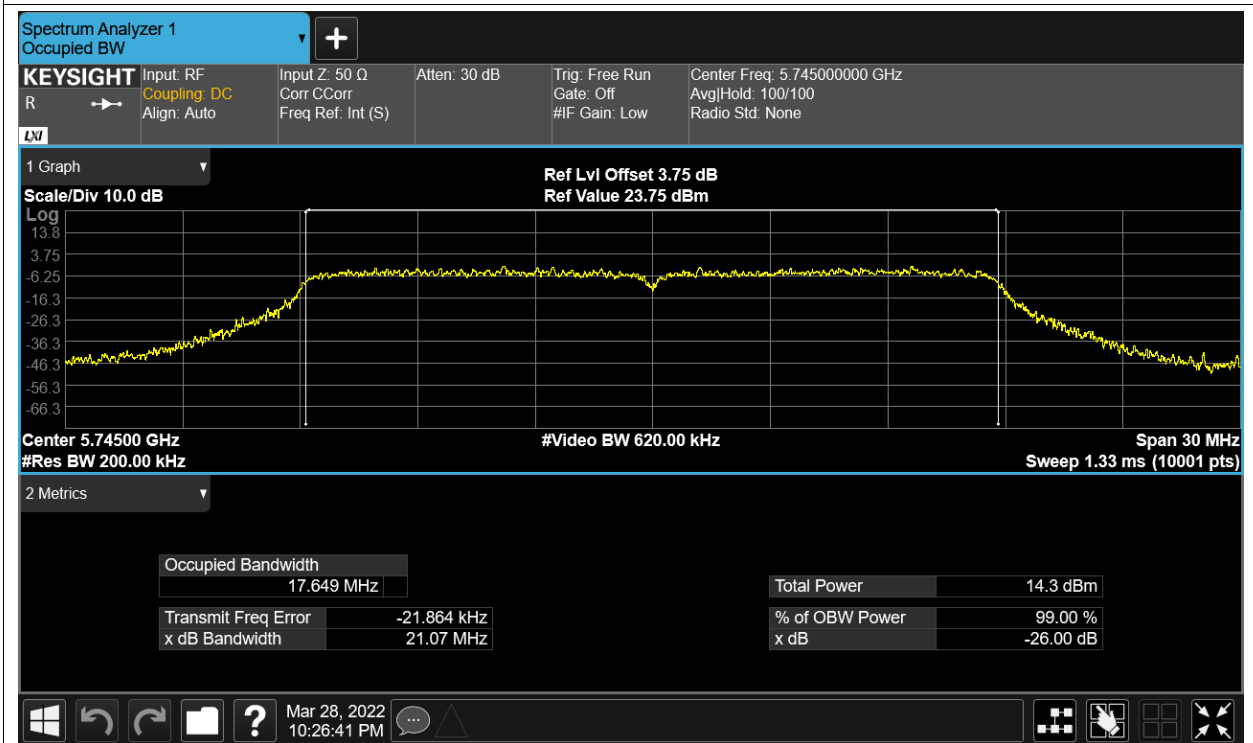
OBW NVNT ac40 5795MHz Ant1



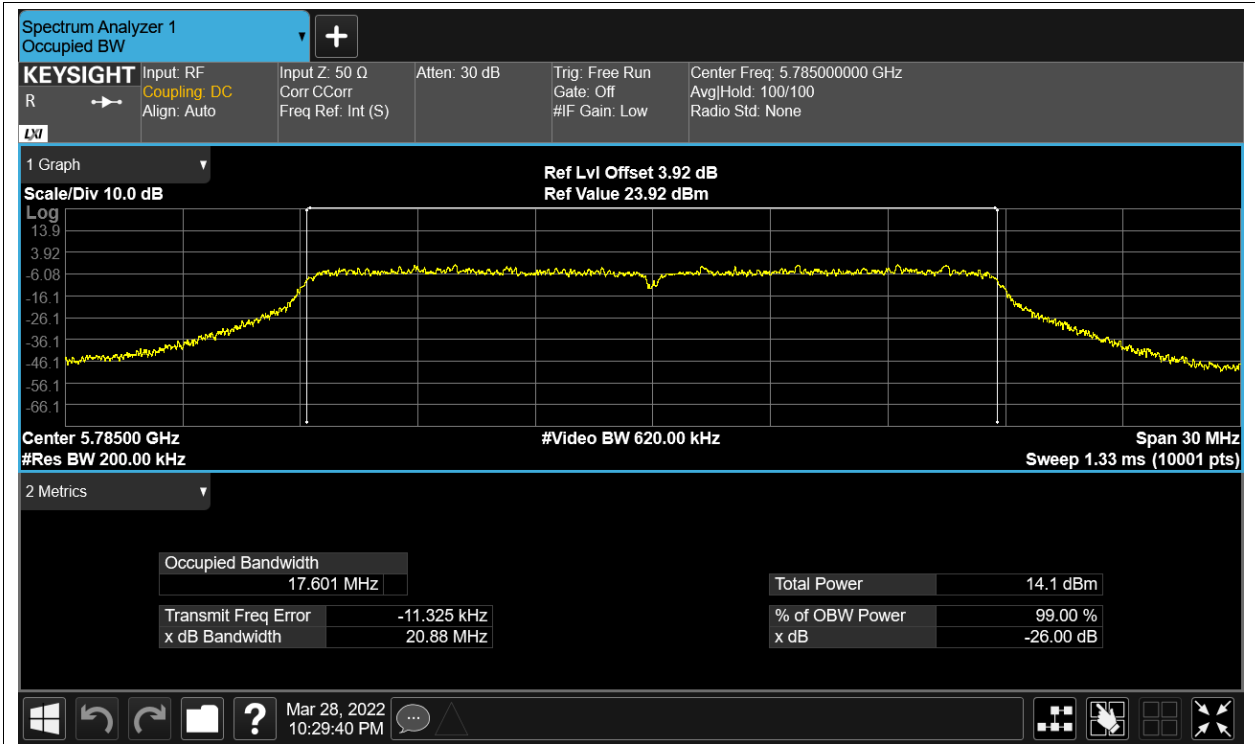
OBW NVNT ac80 5775MHz Ant1



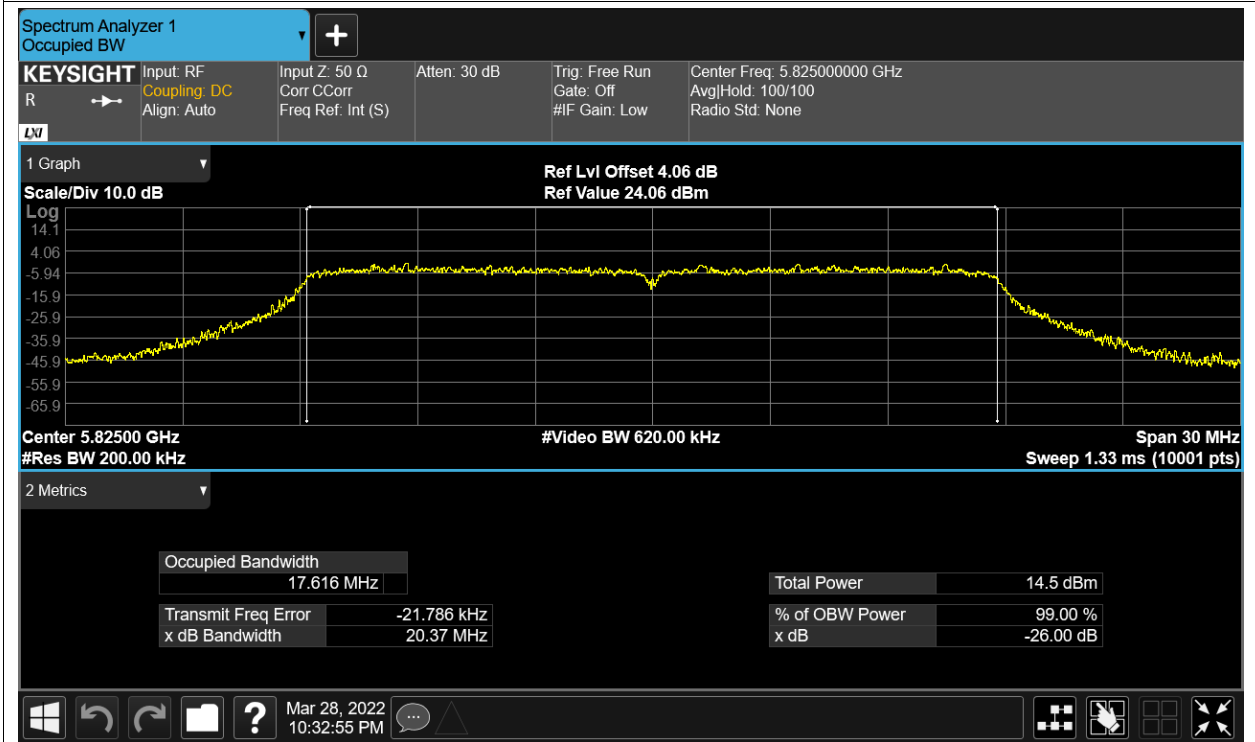
OBW NVNT n20 5745MHz Ant1



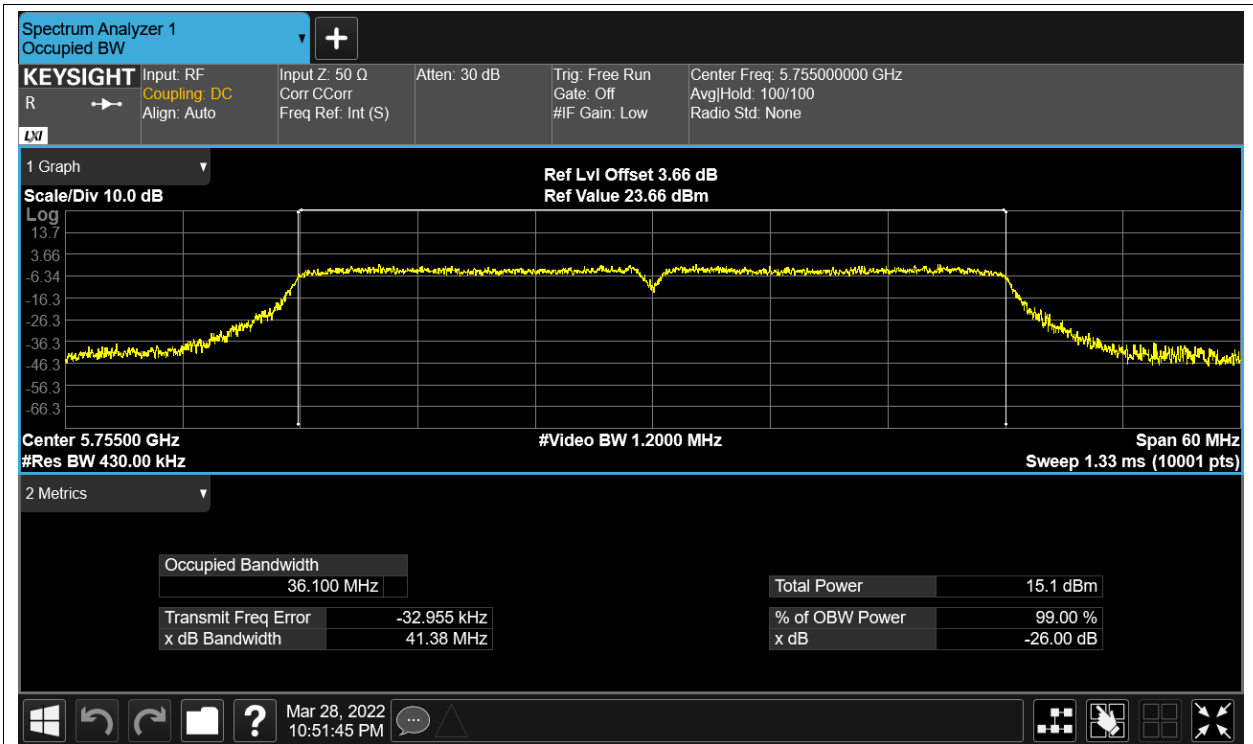
OBW NVNT n20 5785MHz Ant1



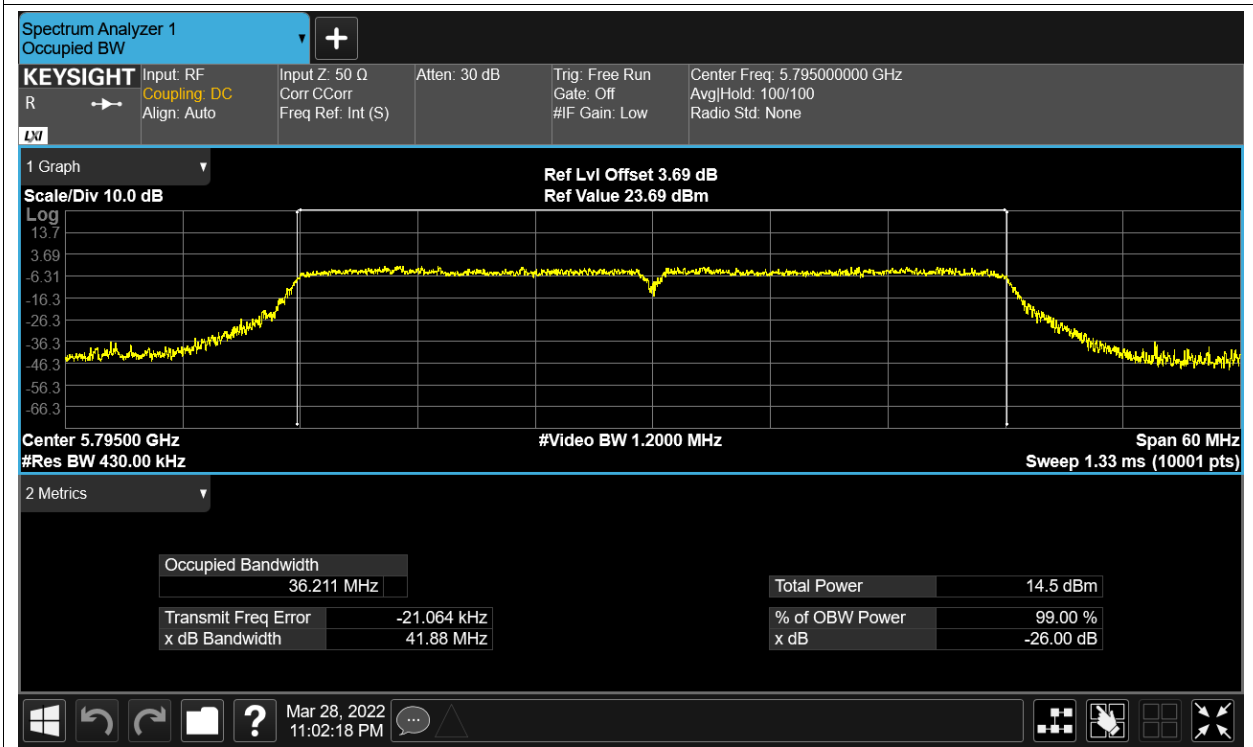
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

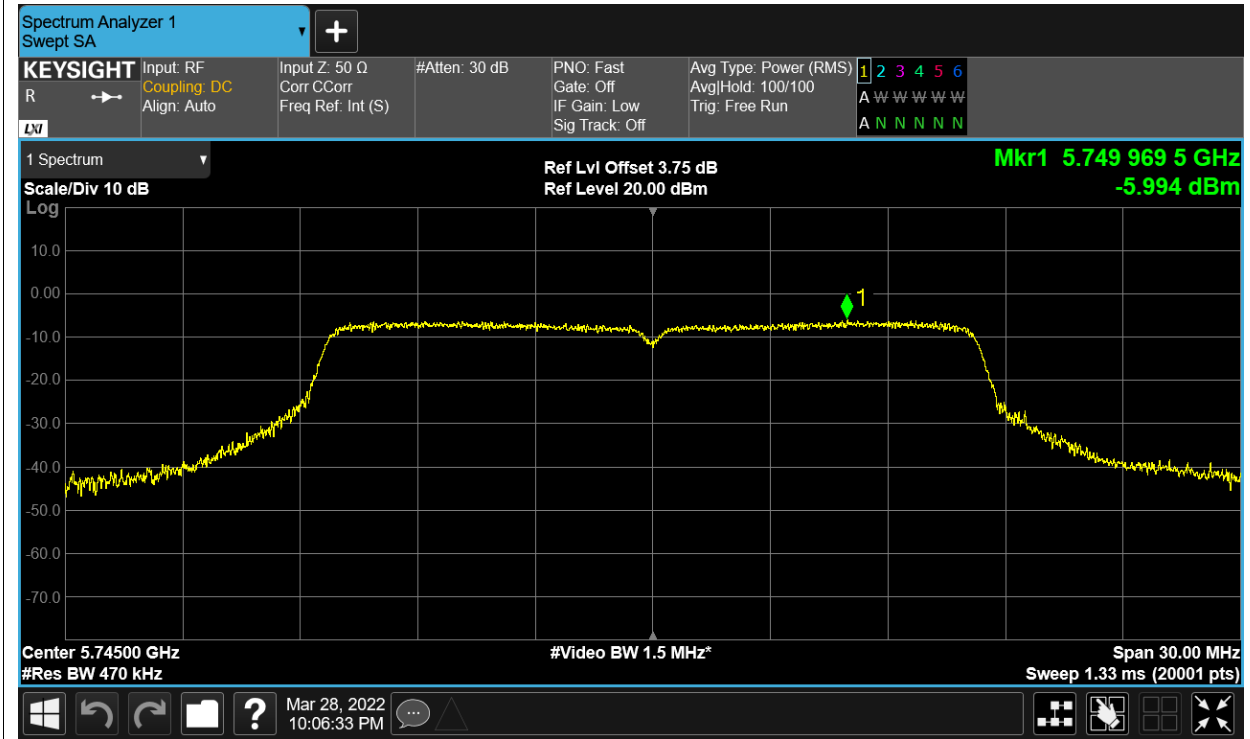


Maximum Power Spectral Density Level

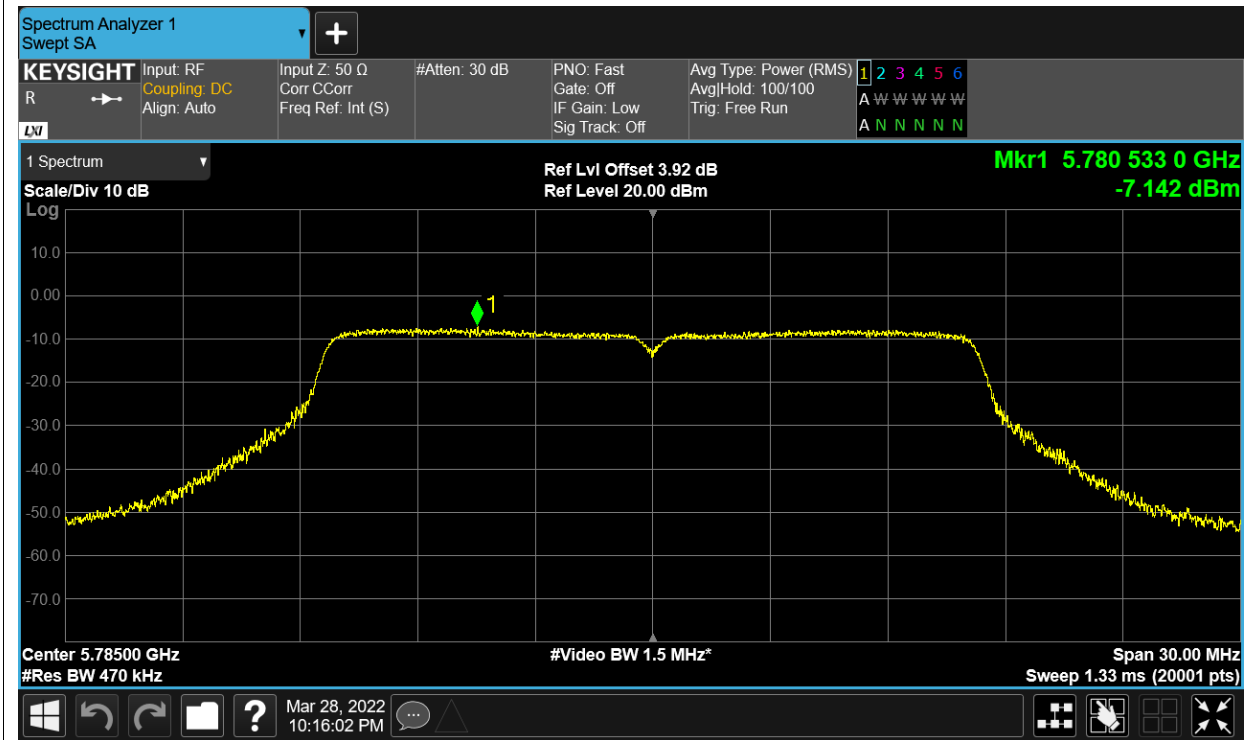
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-5.994	30	Pass
NVNT	a	5785	Ant1	-7.142	30	Pass
NVNT	a	5825	Ant1	-7.902	30	Pass
NVNT	ac20	5745	Ant1	-5.77	30	Pass
NVNT	ac20	5785	Ant1	-6.027	30	Pass
NVNT	ac20	5825	Ant1	-5.215	30	Pass
NVNT	ac40	5755	Ant1	-8.371	30	Pass
NVNT	ac40	5795	Ant1	-8.842	30	Pass
NVNT	ac80	5775	Ant1	-10.026	30	Pass
NVNT	n20	5745	Ant1	-5.763	30	Pass
NVNT	n20	5785	Ant1	-6.132	30	Pass
NVNT	n20	5825	Ant1	-5.502	30	Pass
NVNT	n40	5755	Ant1	-8.018	30	Pass
NVNT	n40	5795	Ant1	-8.656	30	Pass

Test Graphs

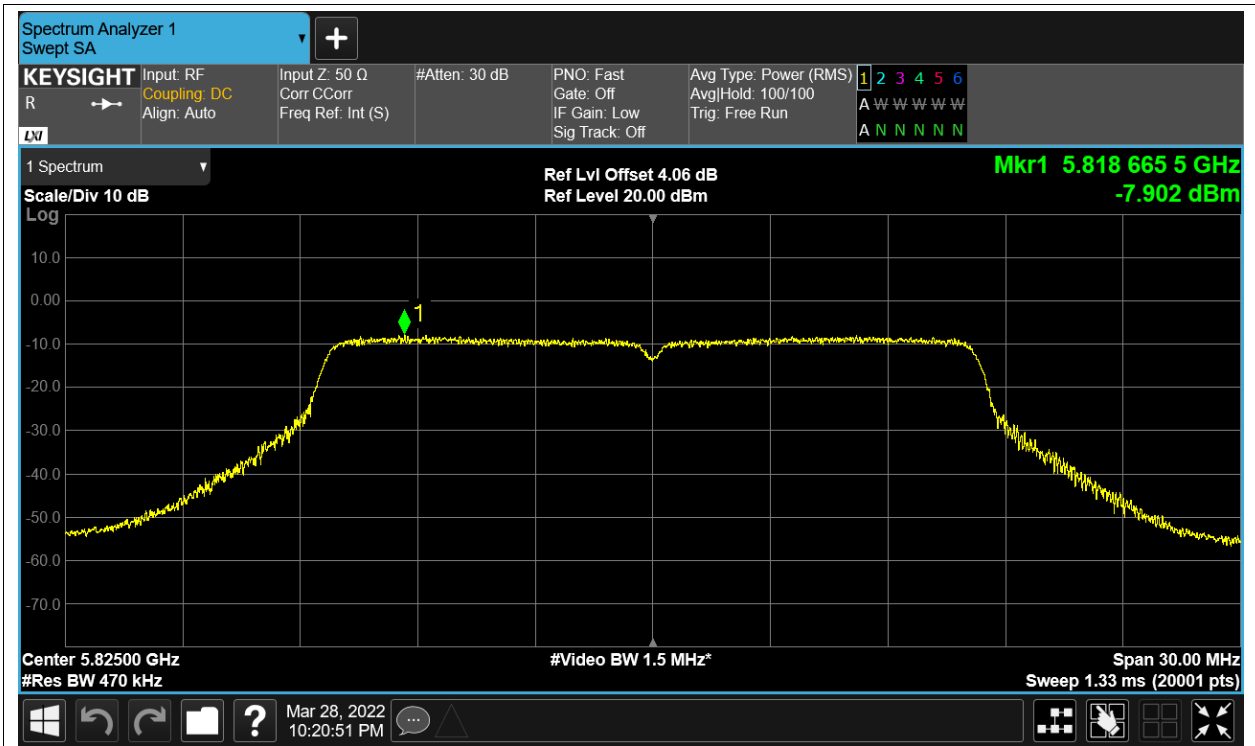
PSD NVNT a 5745MHz Ant1



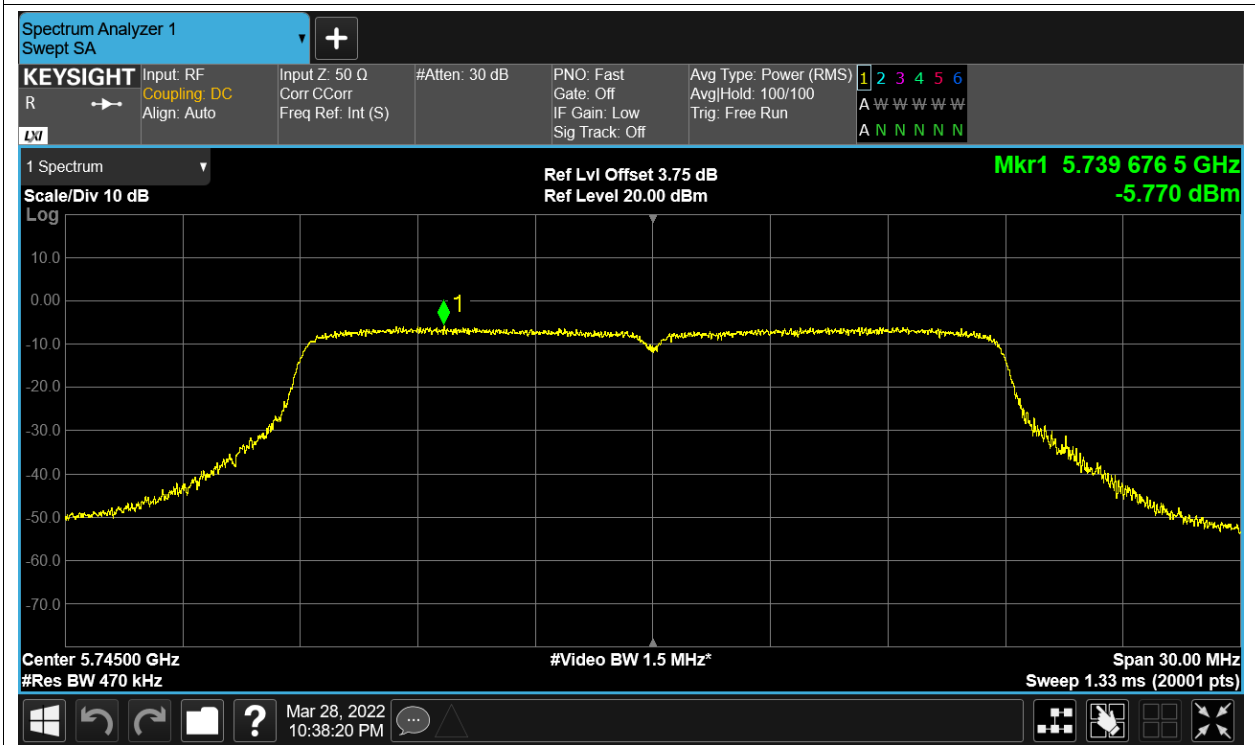
PSD NVNT a 5785MHz Ant1



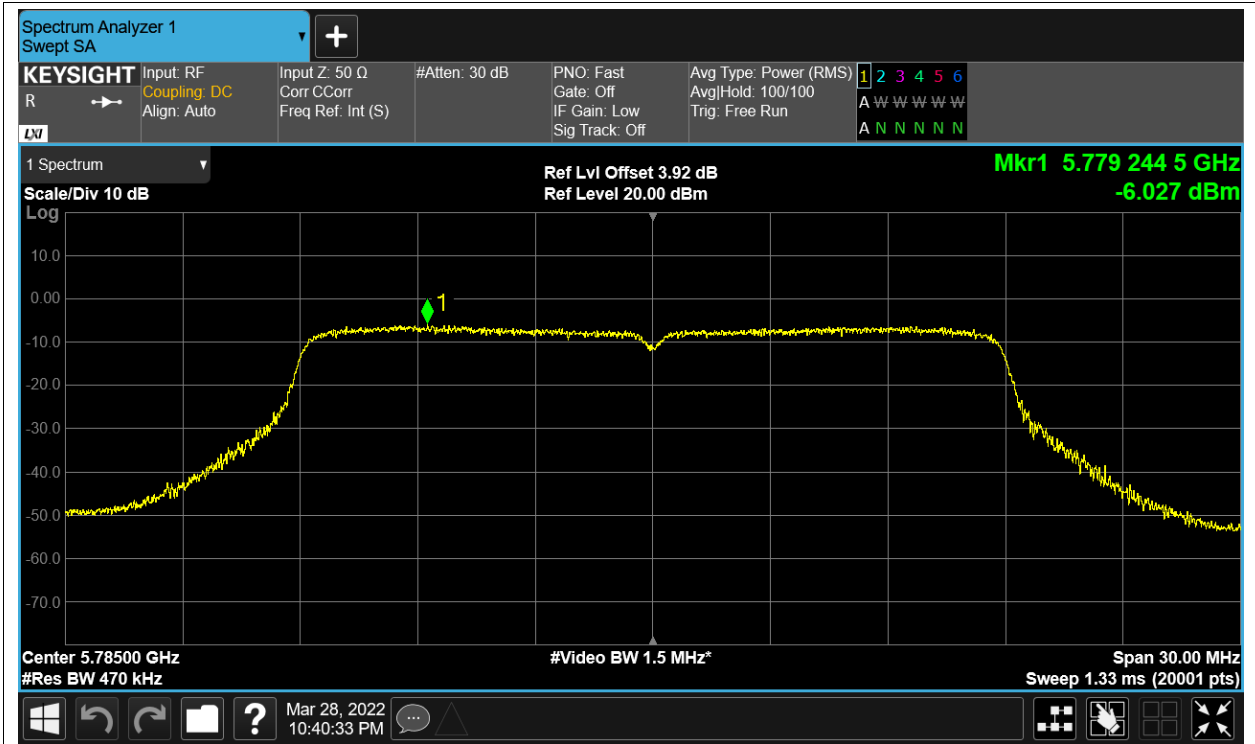
PSD NVNT a 5825MHz Ant1



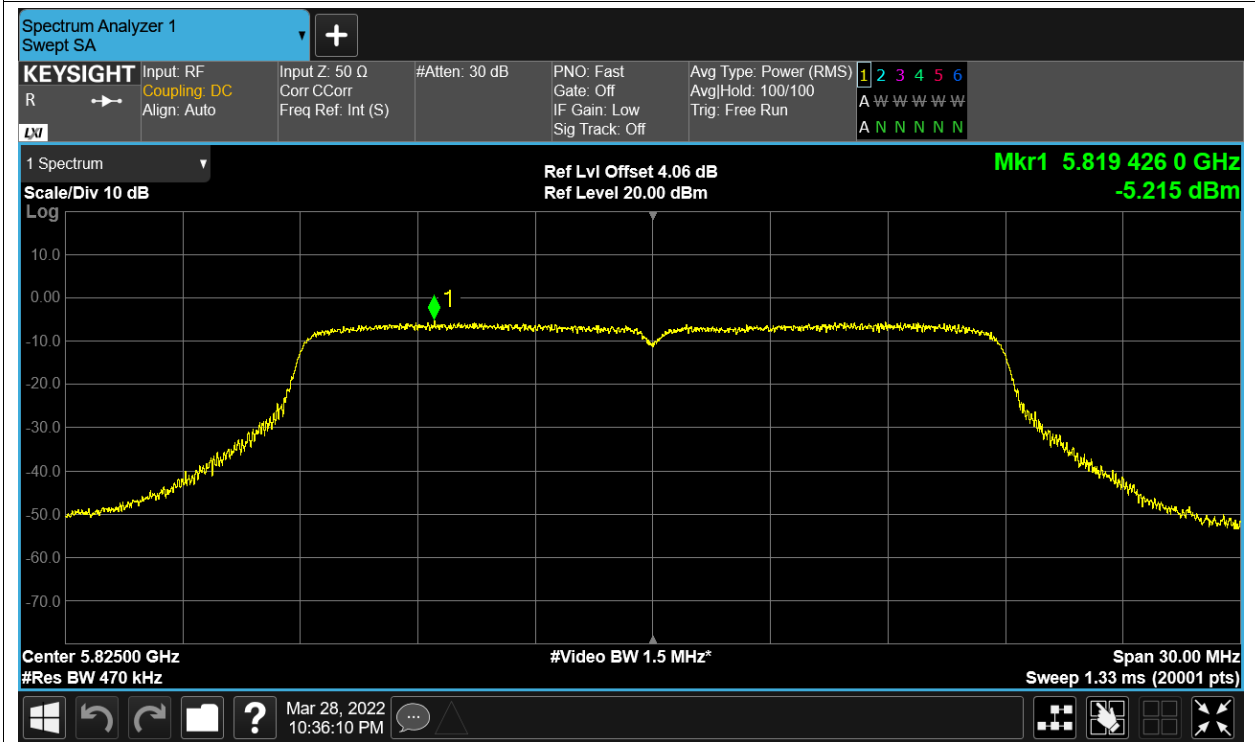
PSD NVNT ac20 5745MHz Ant1



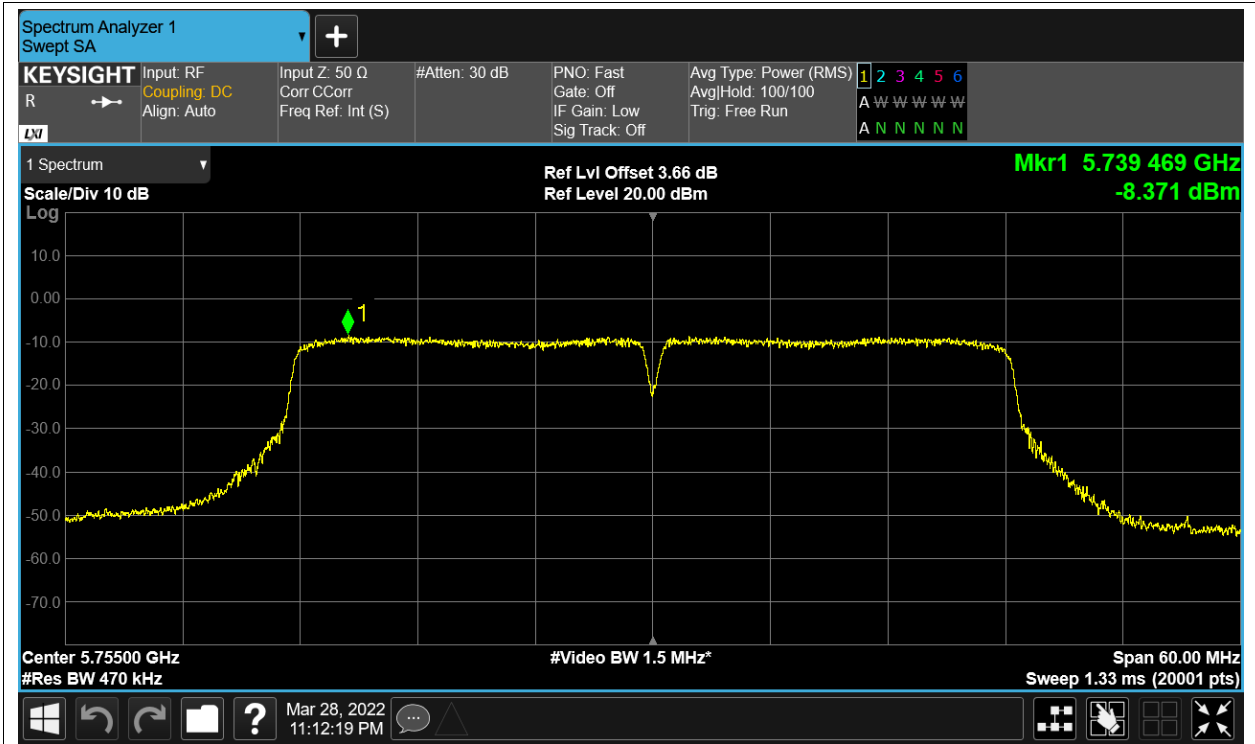
PSD NVNT ac20 5785MHz Ant1



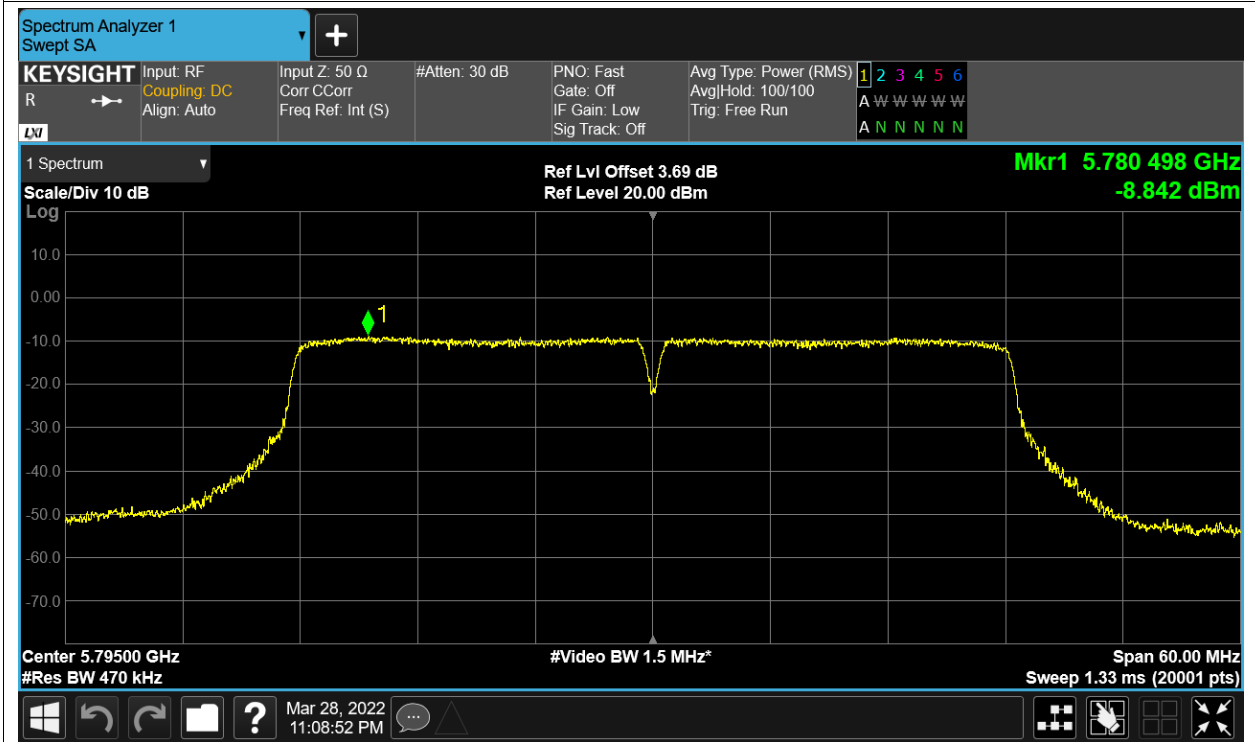
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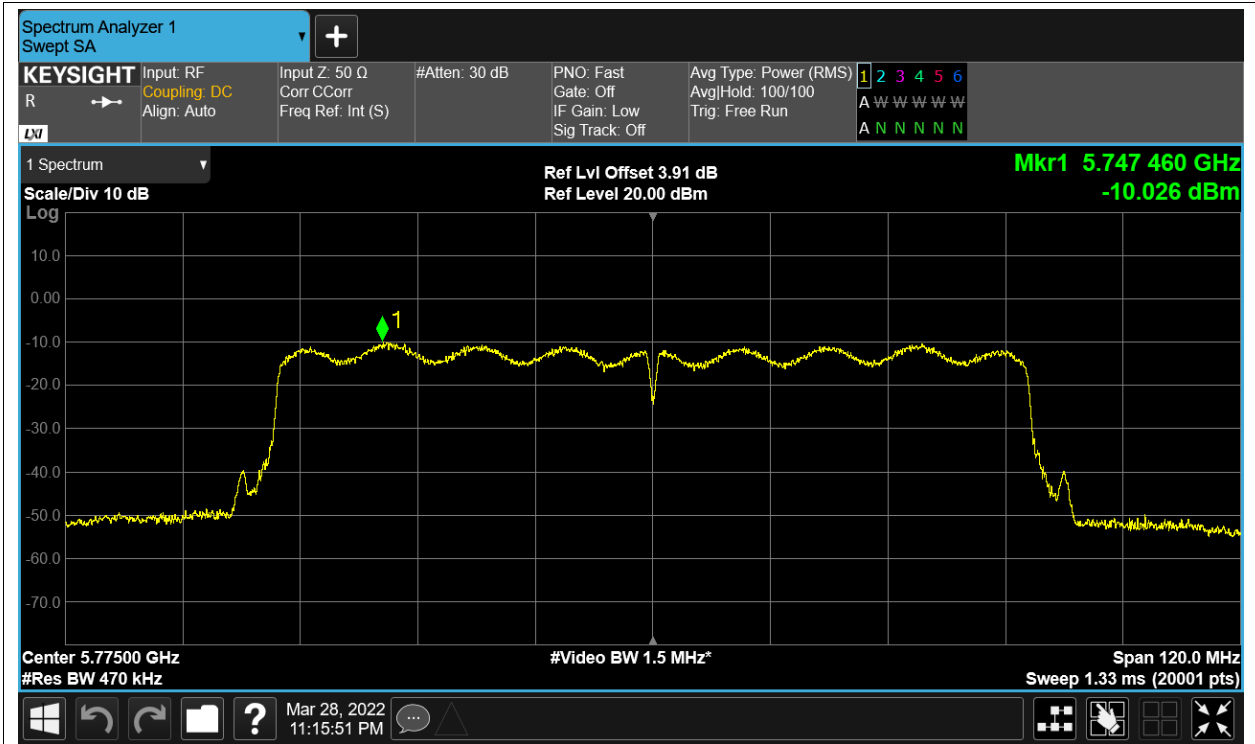
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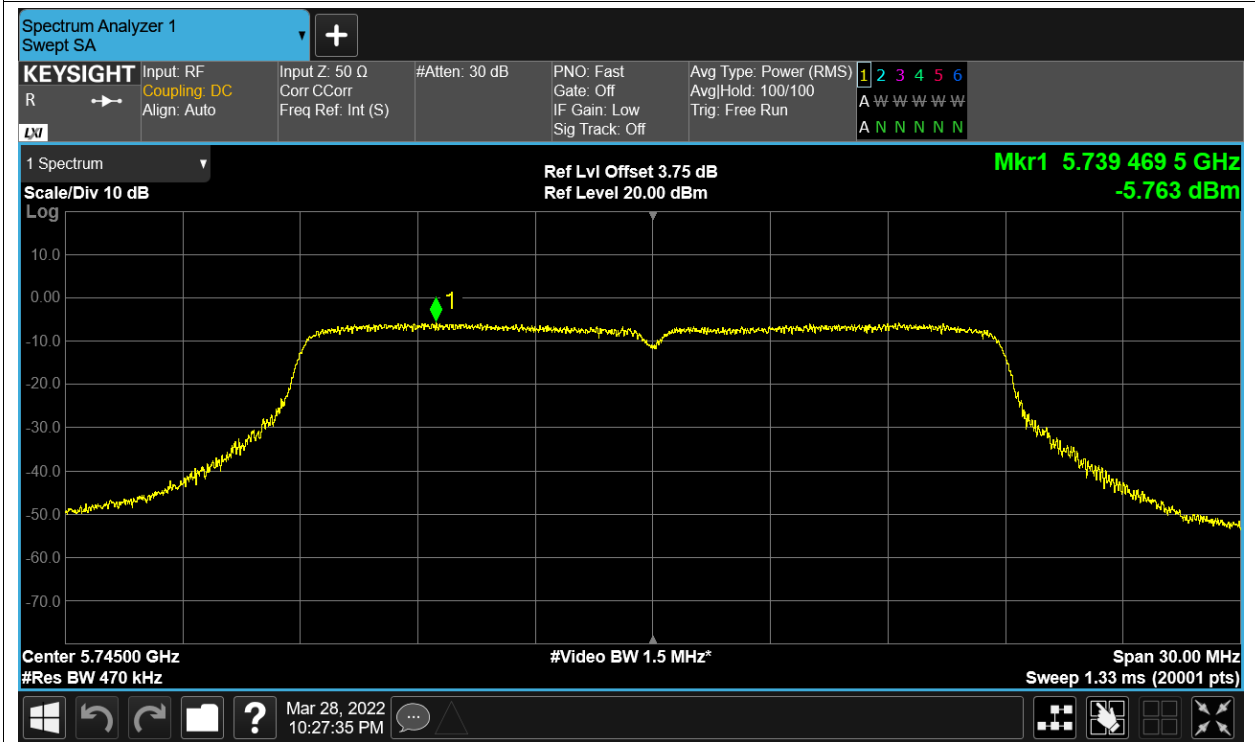
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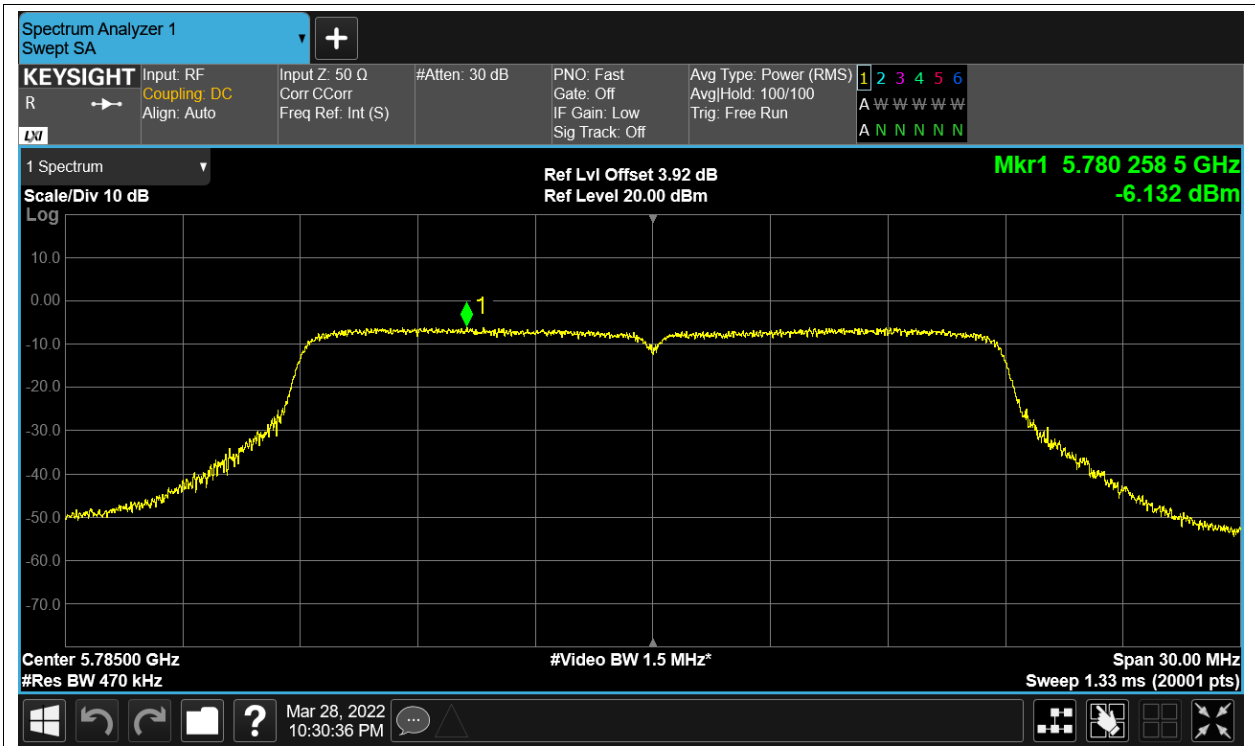
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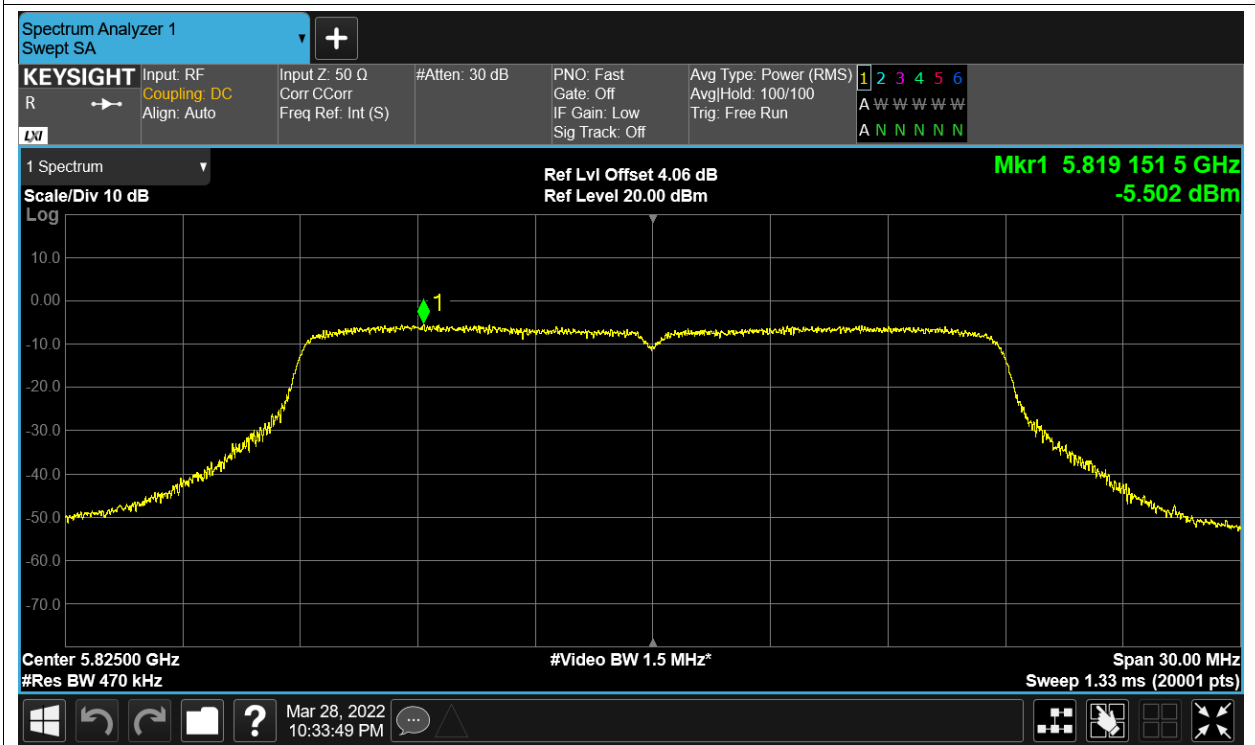
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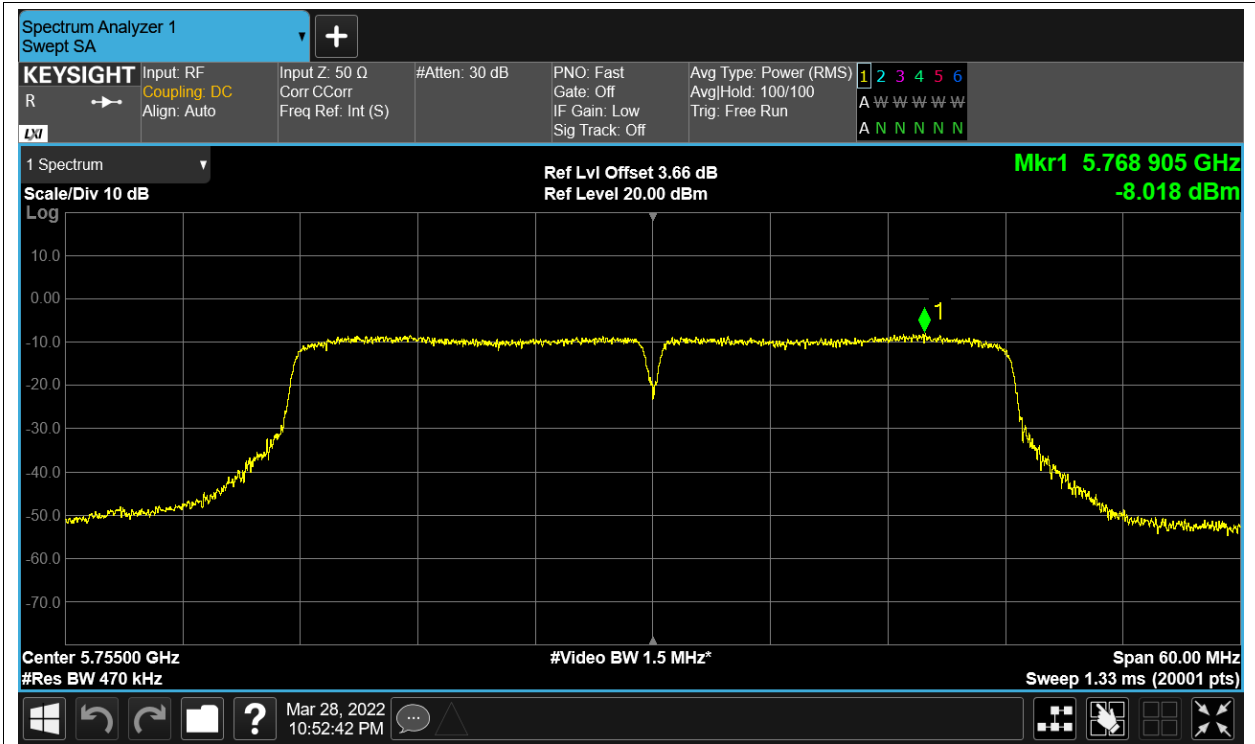
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1

