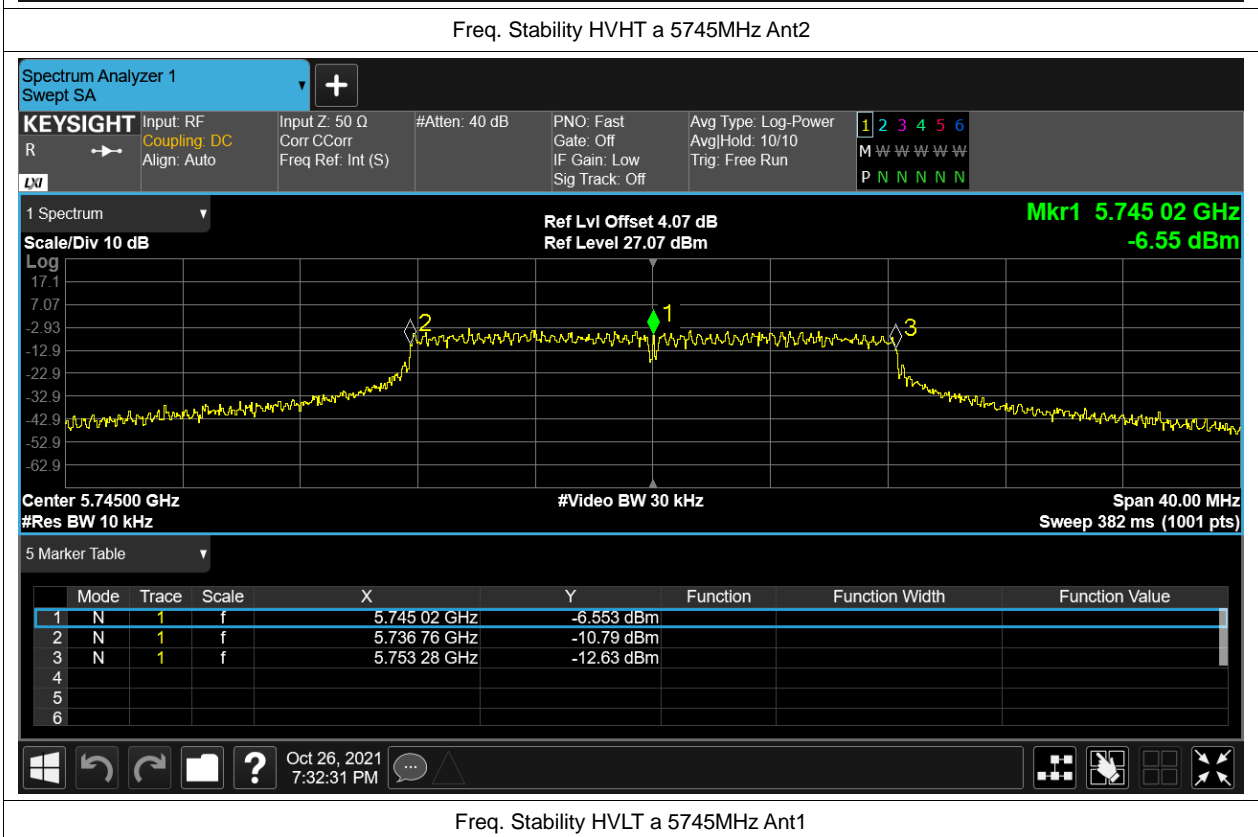
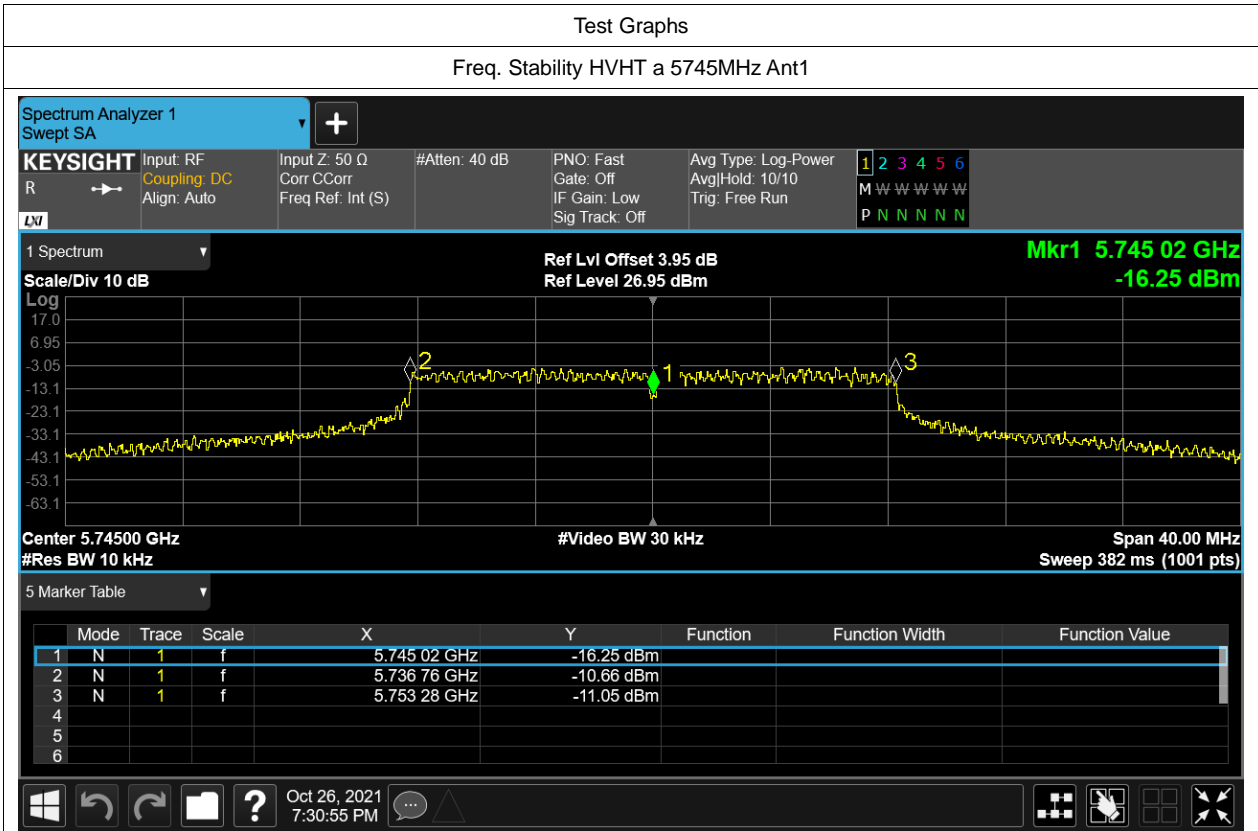


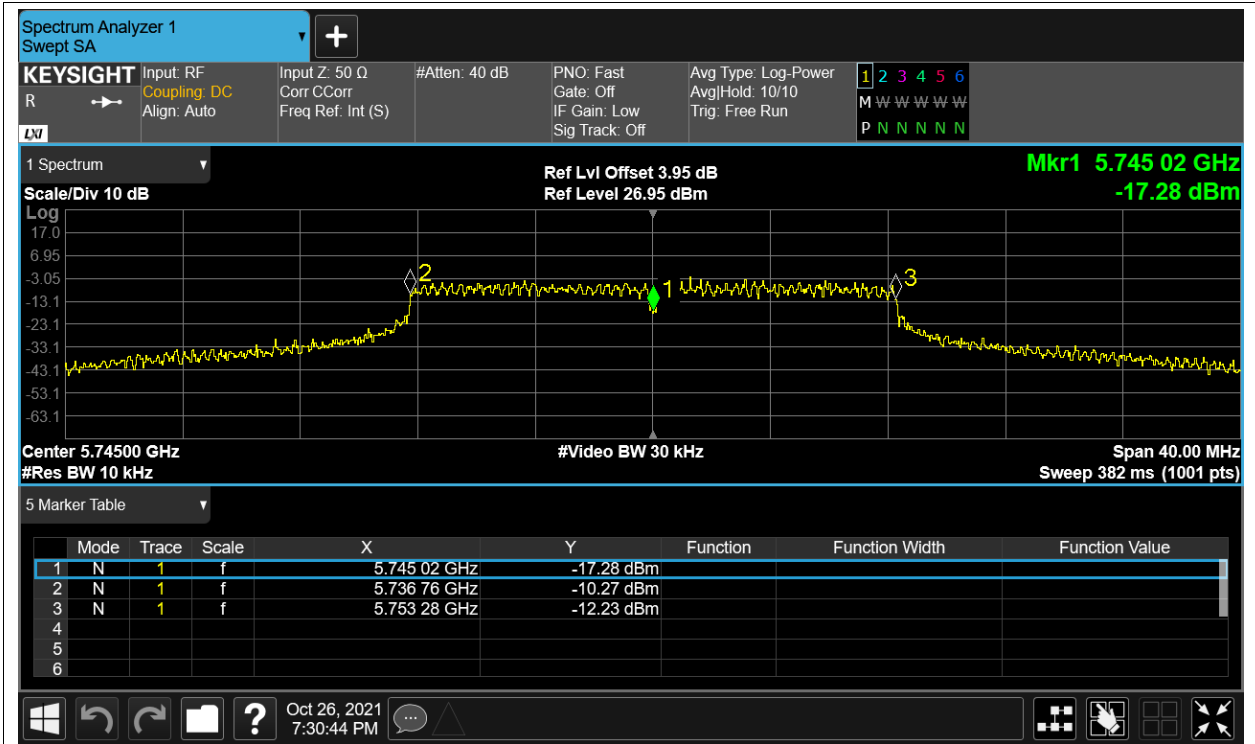
Test Data

Frequency Stability

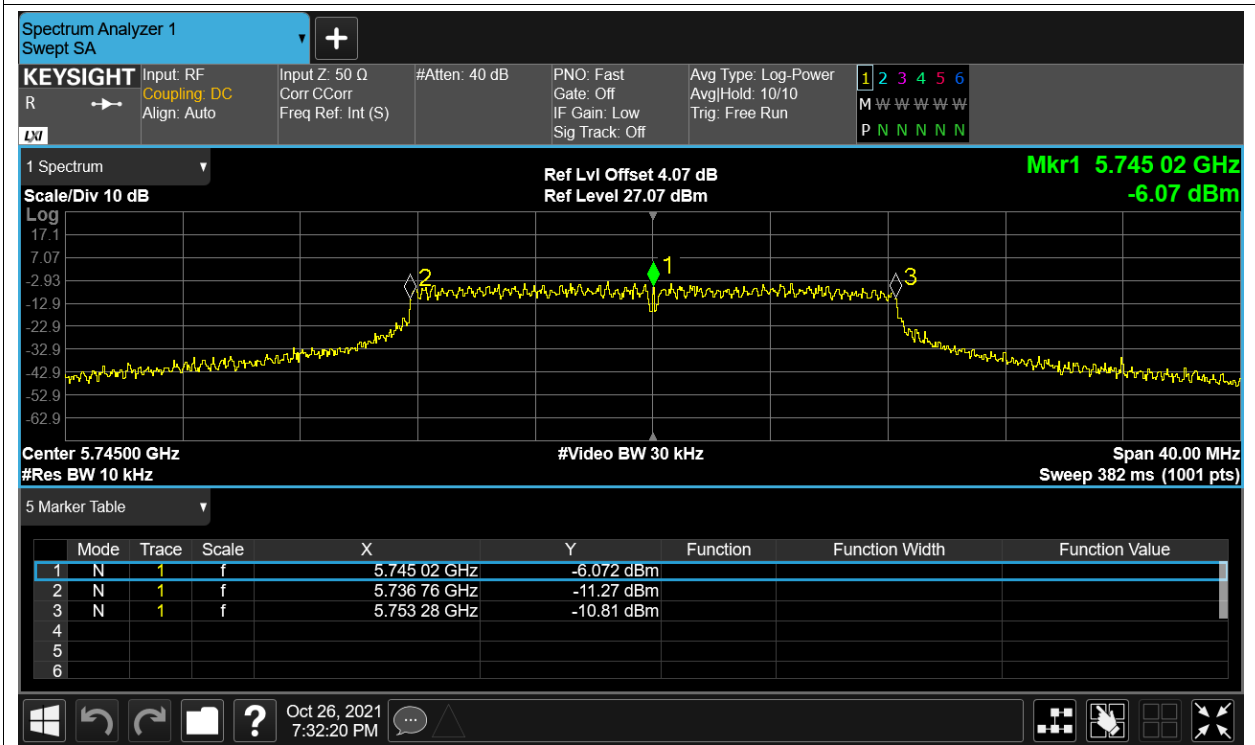
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
HVHT	a	5745	Ant1	5745.02	3.48	within the band	Pass
HVHT	a	5745	Ant2	5745.02	3.48		Pass
HVLT	a	5745	Ant1	5745.02	3.48		Pass
HVLT	a	5745	Ant2	5745.02	3.48		Pass
LVHT	a	5745	Ant1	5745.02	3.48		Pass
LVHT	a	5745	Ant2	5745.02	3.48		Pass
LVLT	a	5745	Ant1	5745.02	3.48		Pass
LVLT	a	5745	Ant2	5745.02	3.48		Pass
NVNT	a	5745	Ant1	5745.02	3.48		Pass
NVNT	a	5745	Ant2	5745.02	3.48		Pass
HVHT	n20	5745	Sum	5745.02	3.48		Pass
HVLT	n20	5745	Sum	5745	0		Pass
LVHT	n20	5745	Sum	5745	0		Pass
LVLT	n20	5745	Sum	5745.02	3.48		Pass
NVNT	n20	5745	Sum	5745	0		Pass
HVHT	n40	5755	Sum	5755	0		Pass
HVLT	n40	5755	Sum	5755.04	6.95		Pass
LVHT	n40	5755	Sum	5755	0		Pass
LVLT	n40	5755	Sum	5755.04	6.95		Pass
NVNT	n40	5755	Sum	5755	0		Pass

Remark: "NTNV" means Normal Temperature Normal Voltage, "LTLV" means Low Temperature Low Voltage, "LTHV" means Low Temperature High Voltage, "HTLV" means High Temperature Low Voltage, "HTHV" means High Temperature High Voltage.

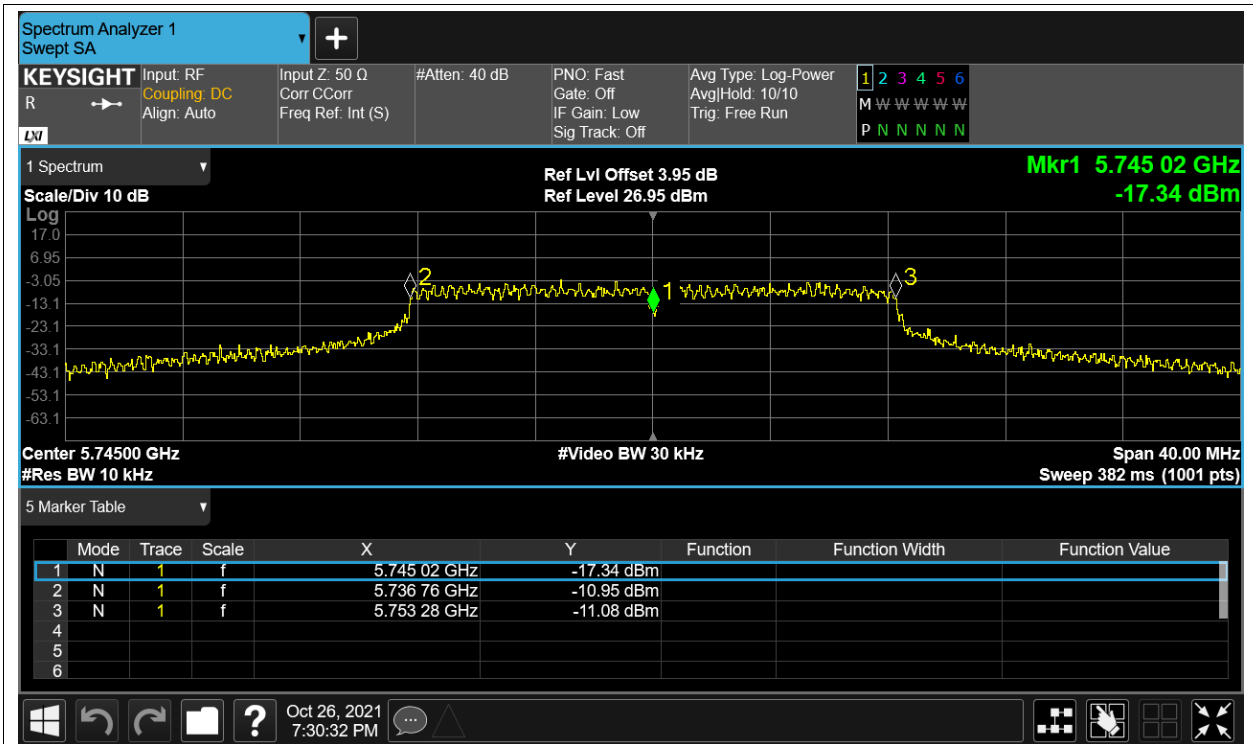




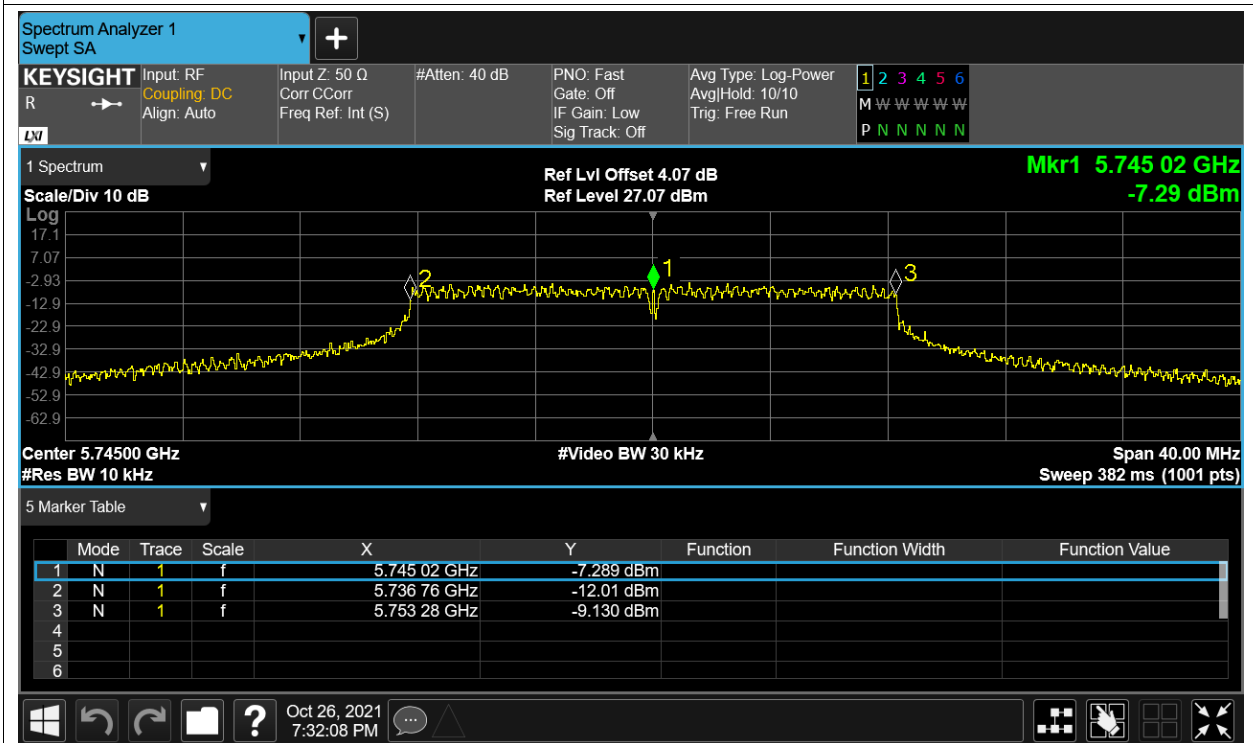
Freq. Stability HVLT a 5745MHz Ant2



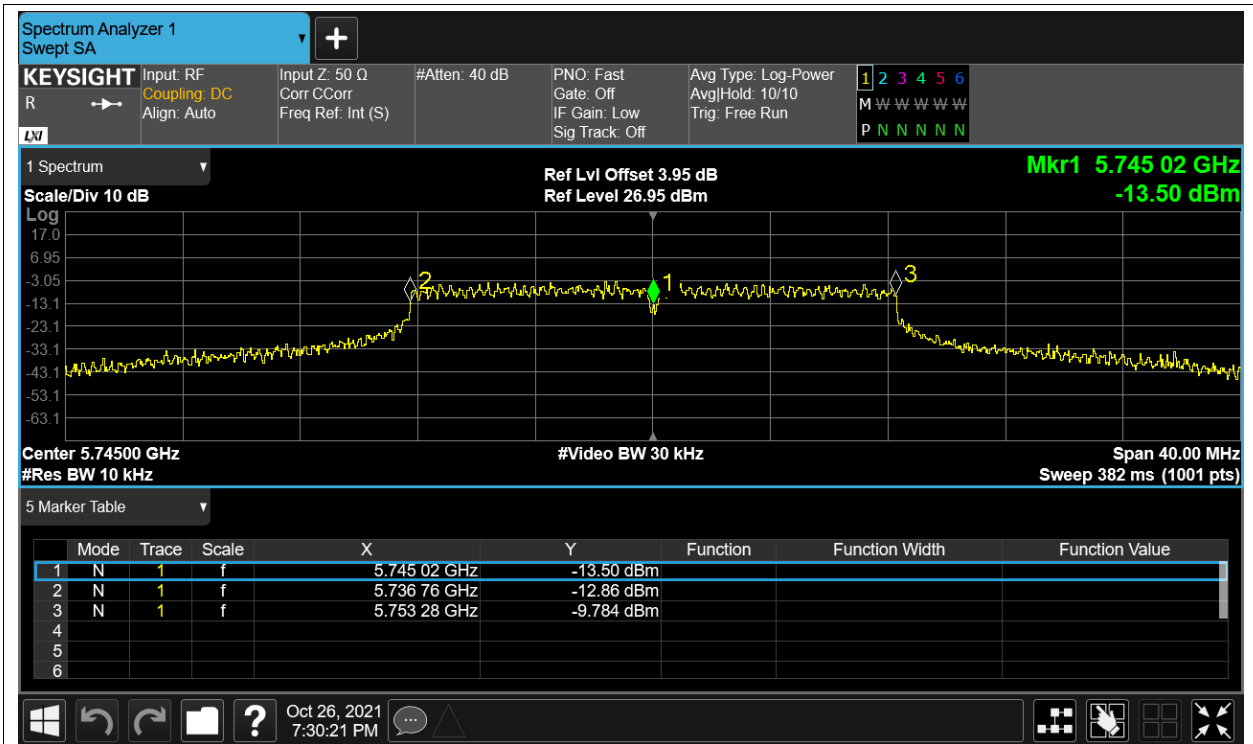
Freq. Stability LVHT a 5745MHz Ant1



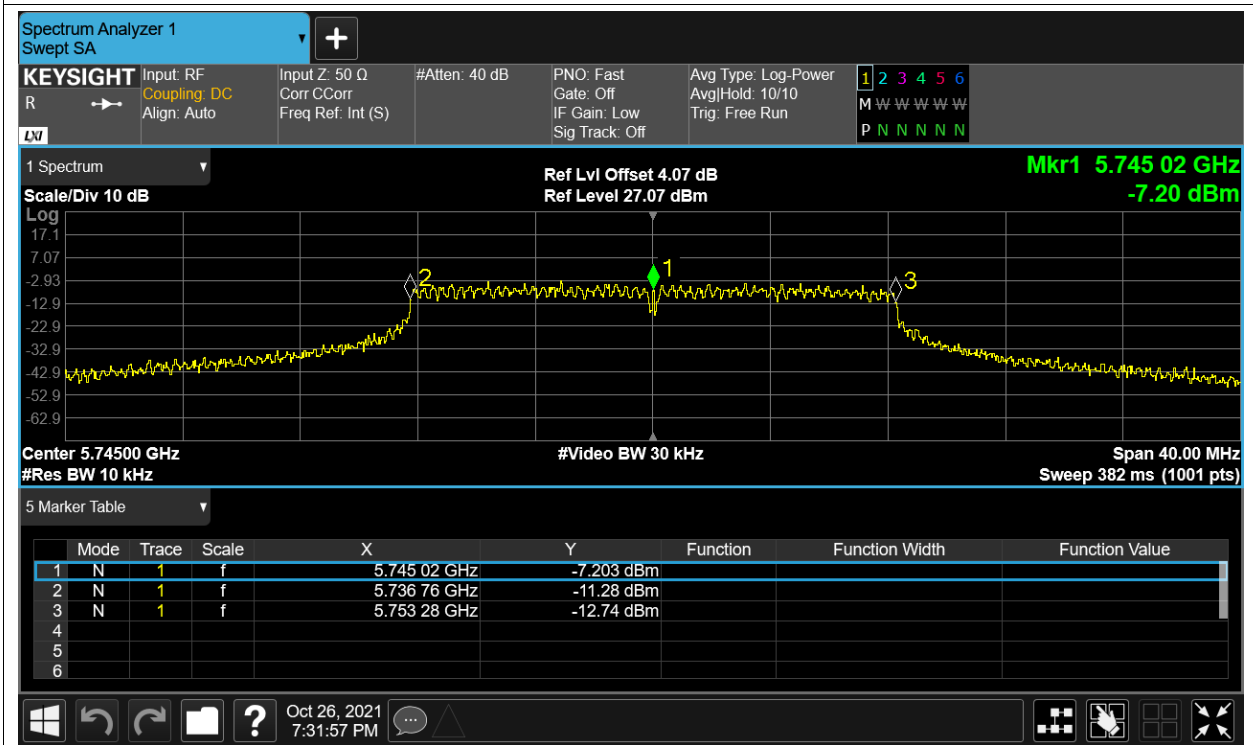
Freq. Stability LVHT a 5745MHz Ant2



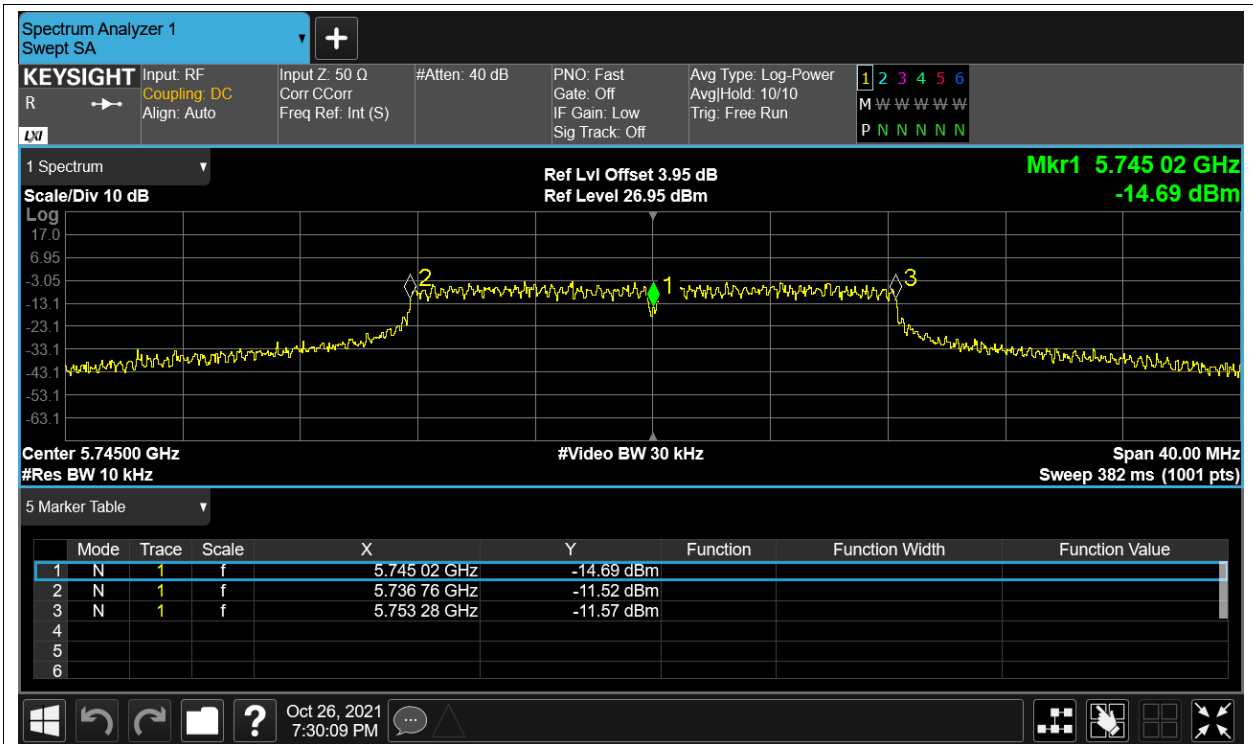
Freq. Stability LVLT a 5745MHz Ant1



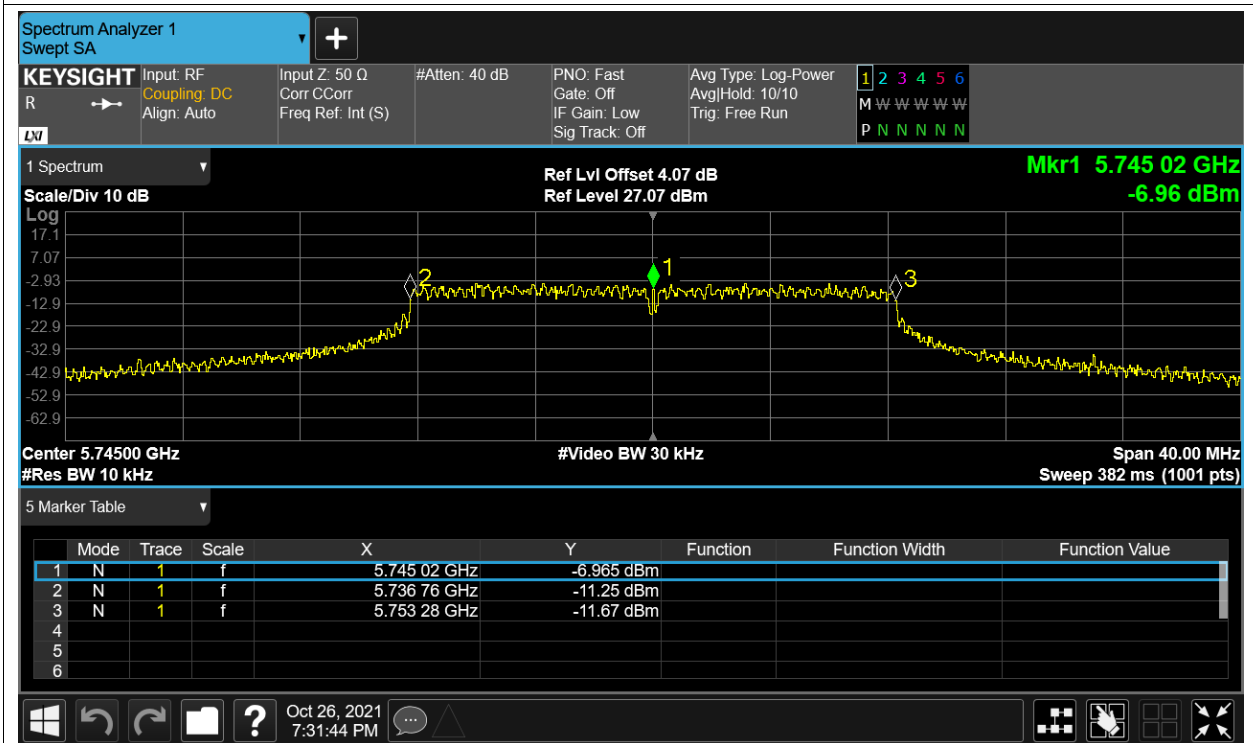
Freq. Stability LVLTA a 5745MHz Ant2



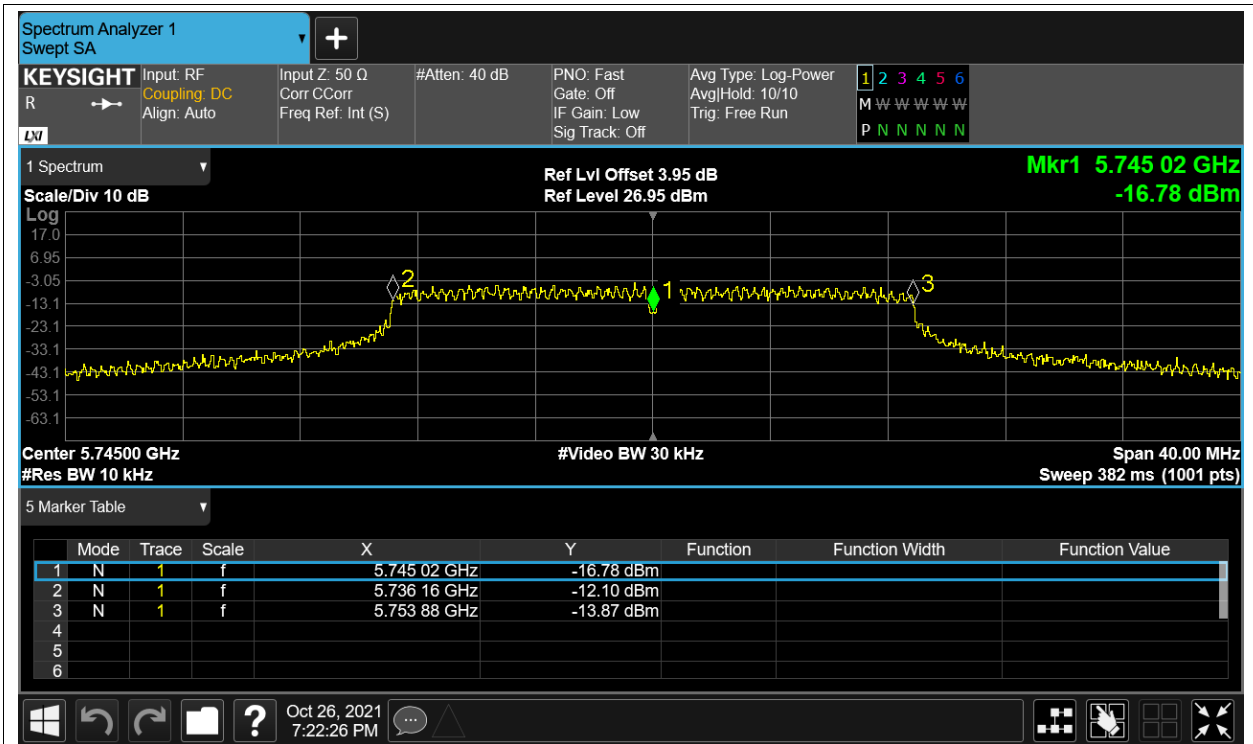
Freq. Stability NVNT a 5745MHz Ant1



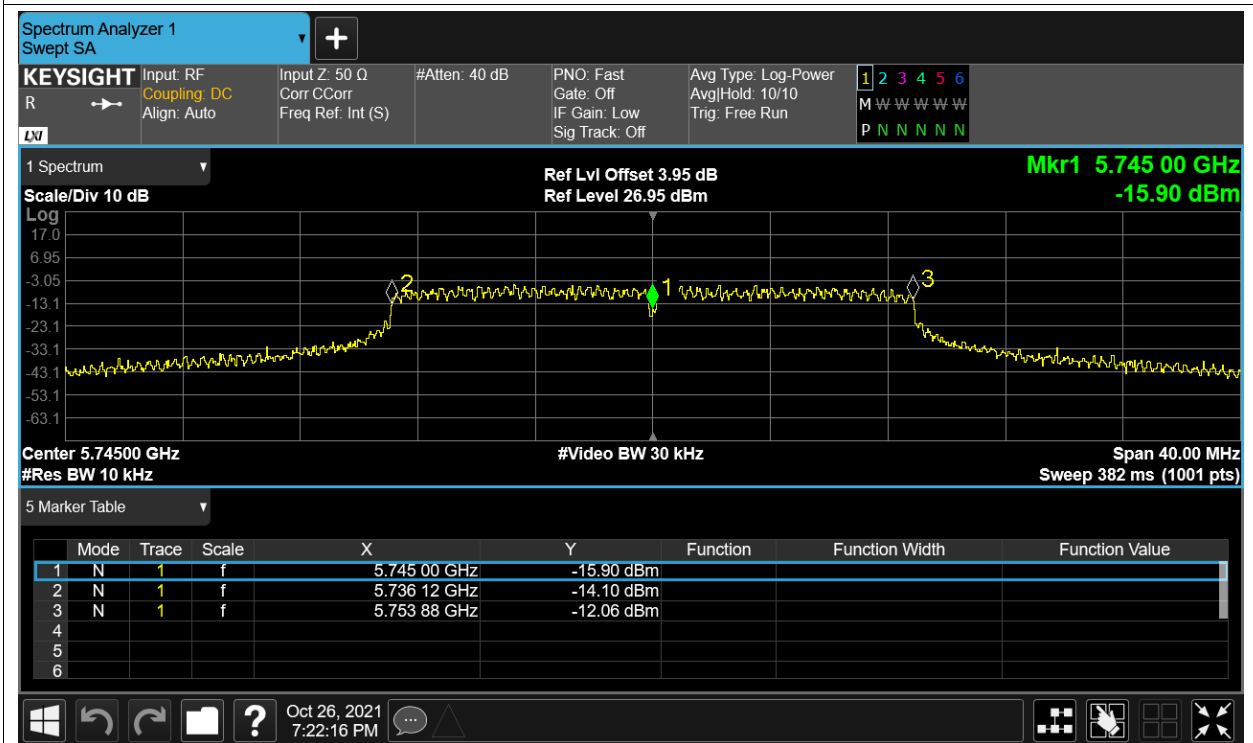
Freq. Stability NVNT a 5745MHz Ant2



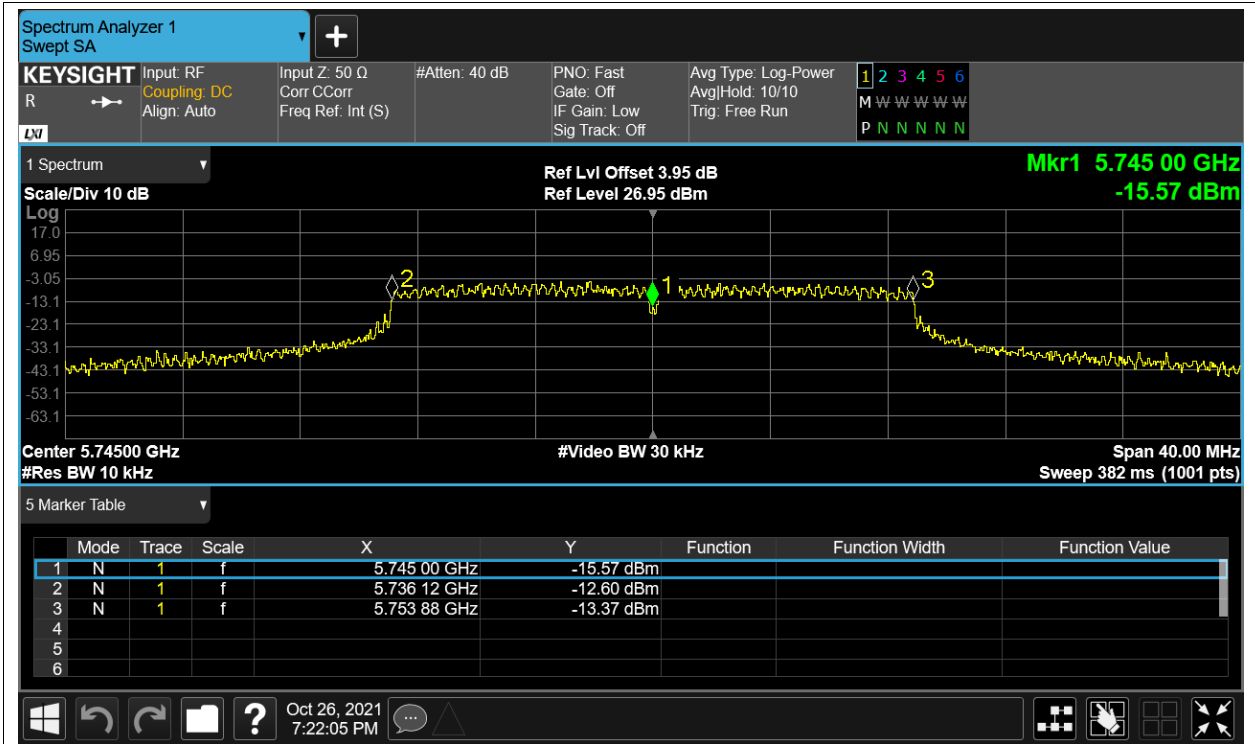
Freq. Stability HVHT n20 5745MHz Sum



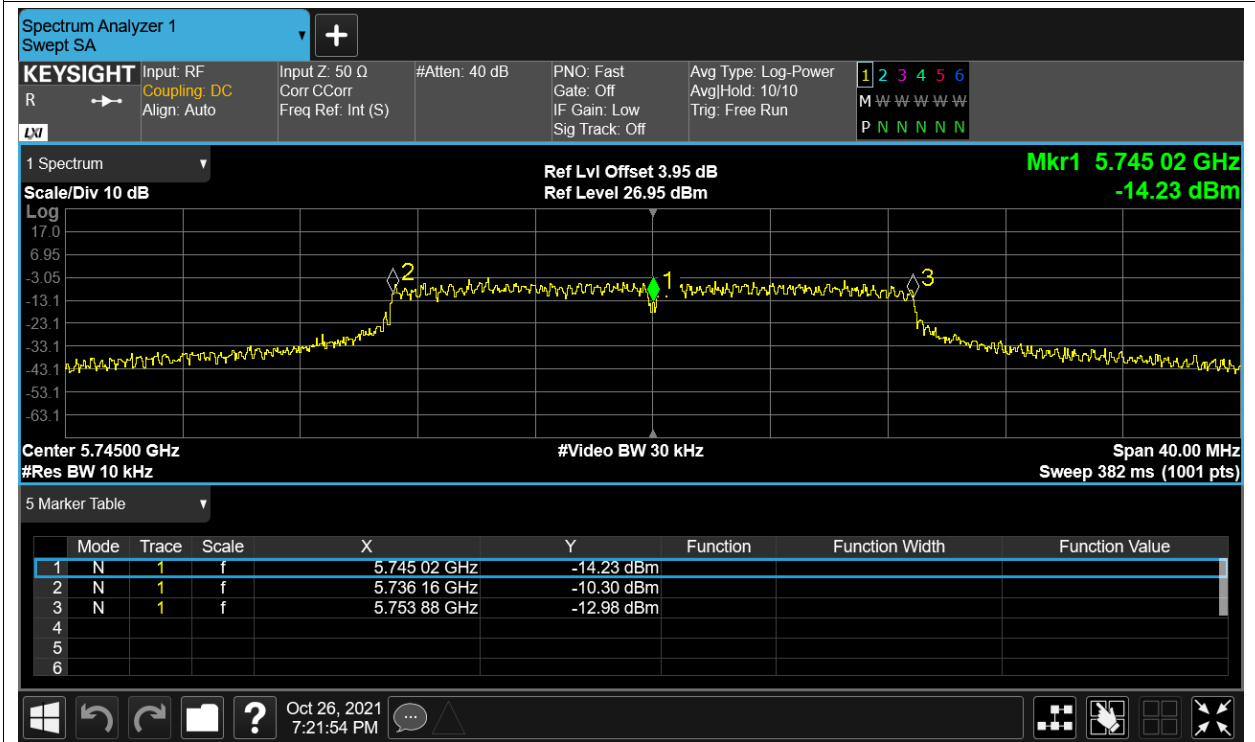
Freq. Stability HVLt n20 5745MHz Sum



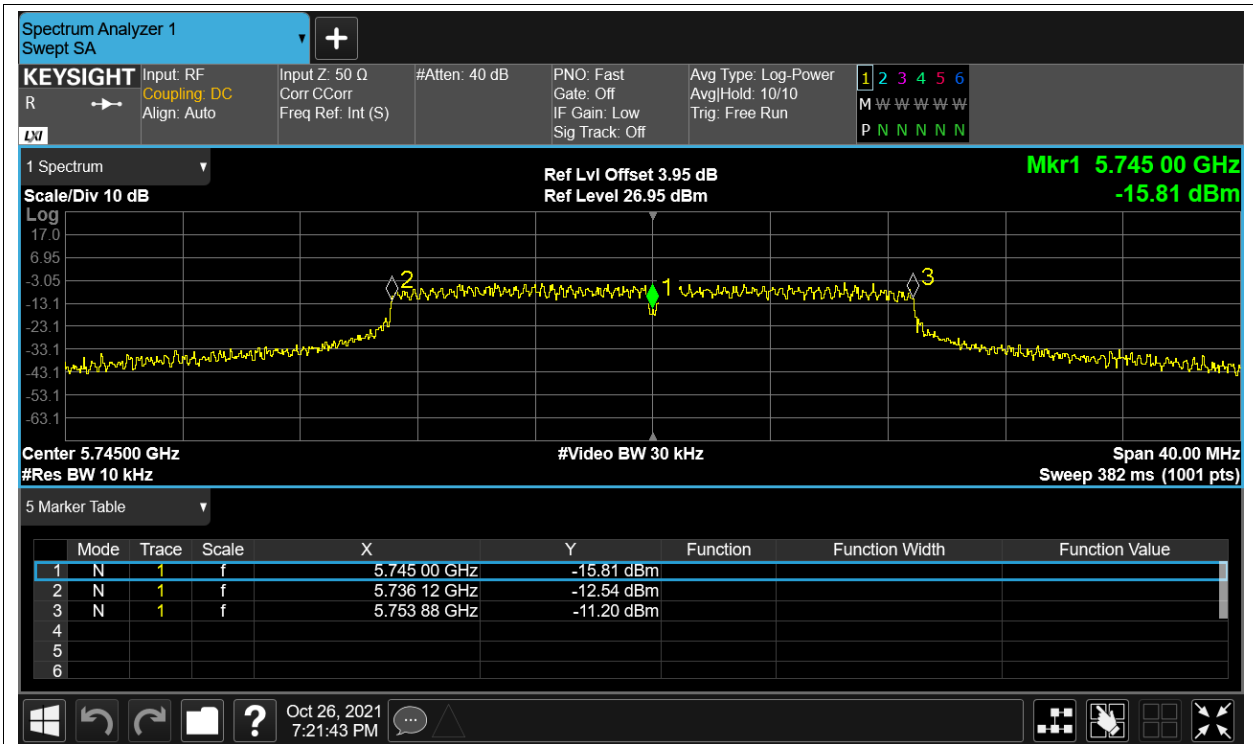
Freq. Stability LVHT n20 5745MHz Sum



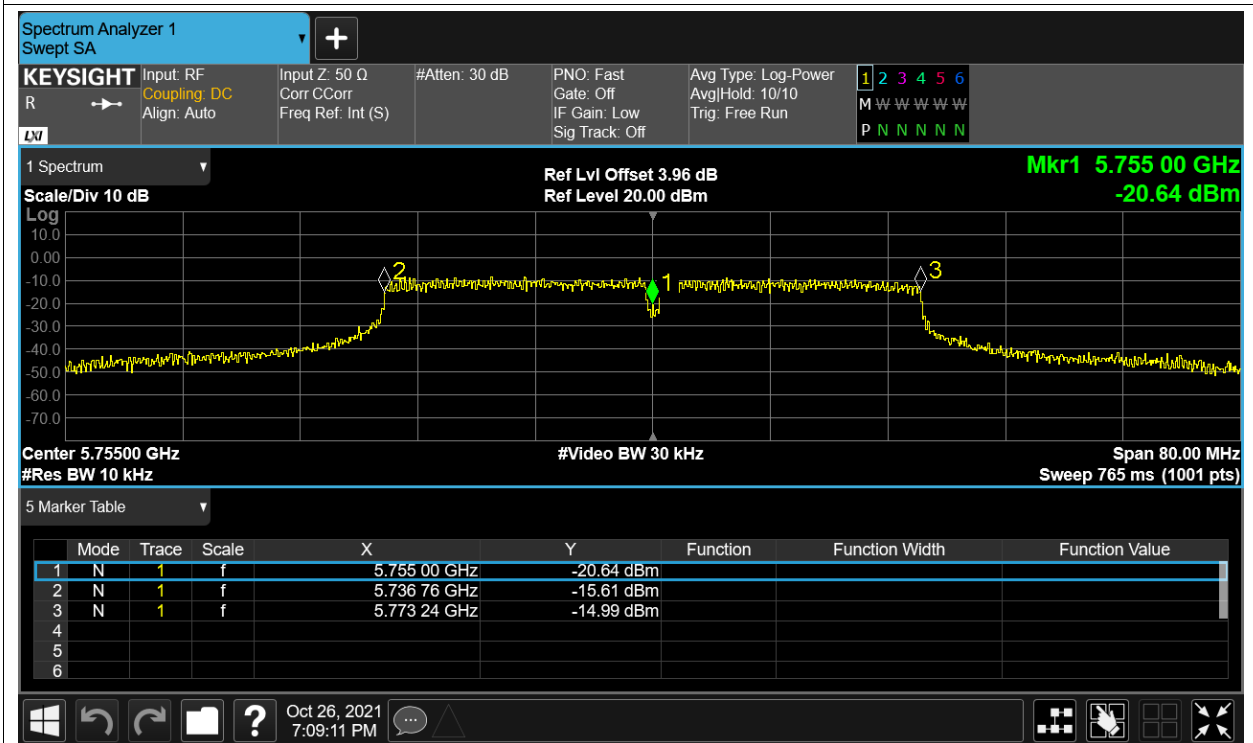
Freq. Stability LVLT n20 5745MHz Sum



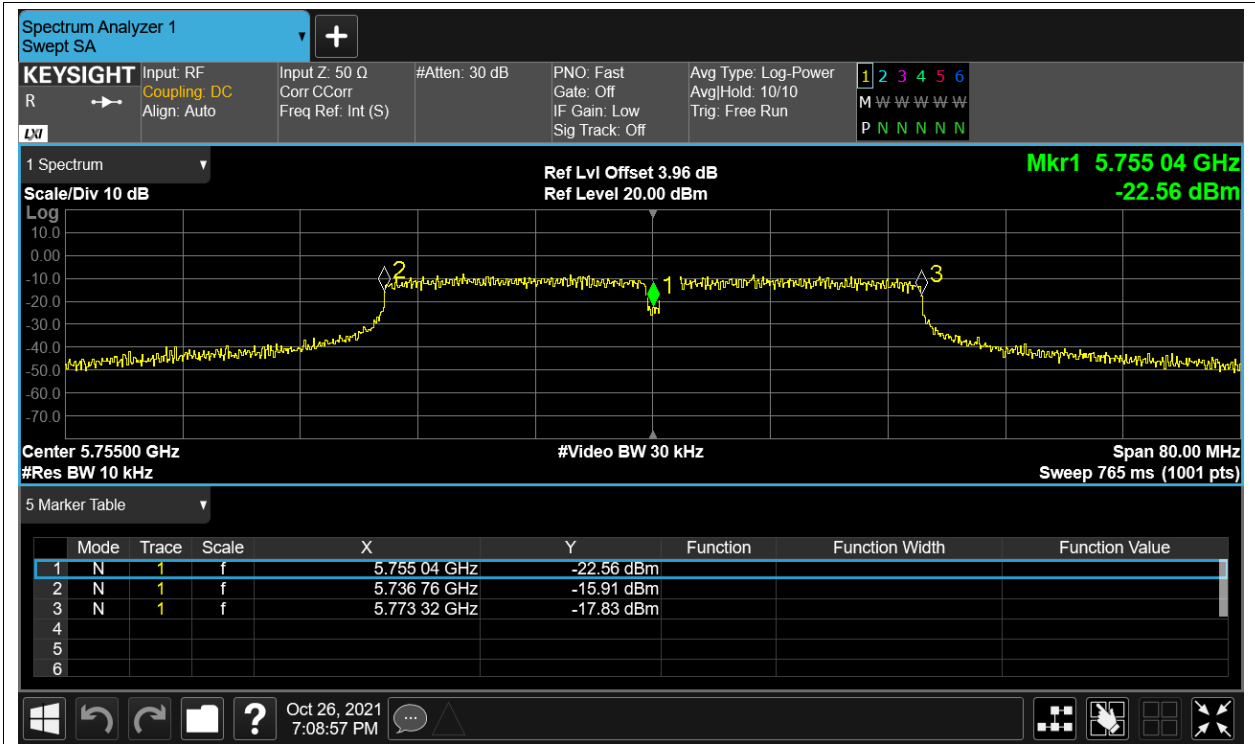
Freq. Stability NVNT n20 5745MHz Sum



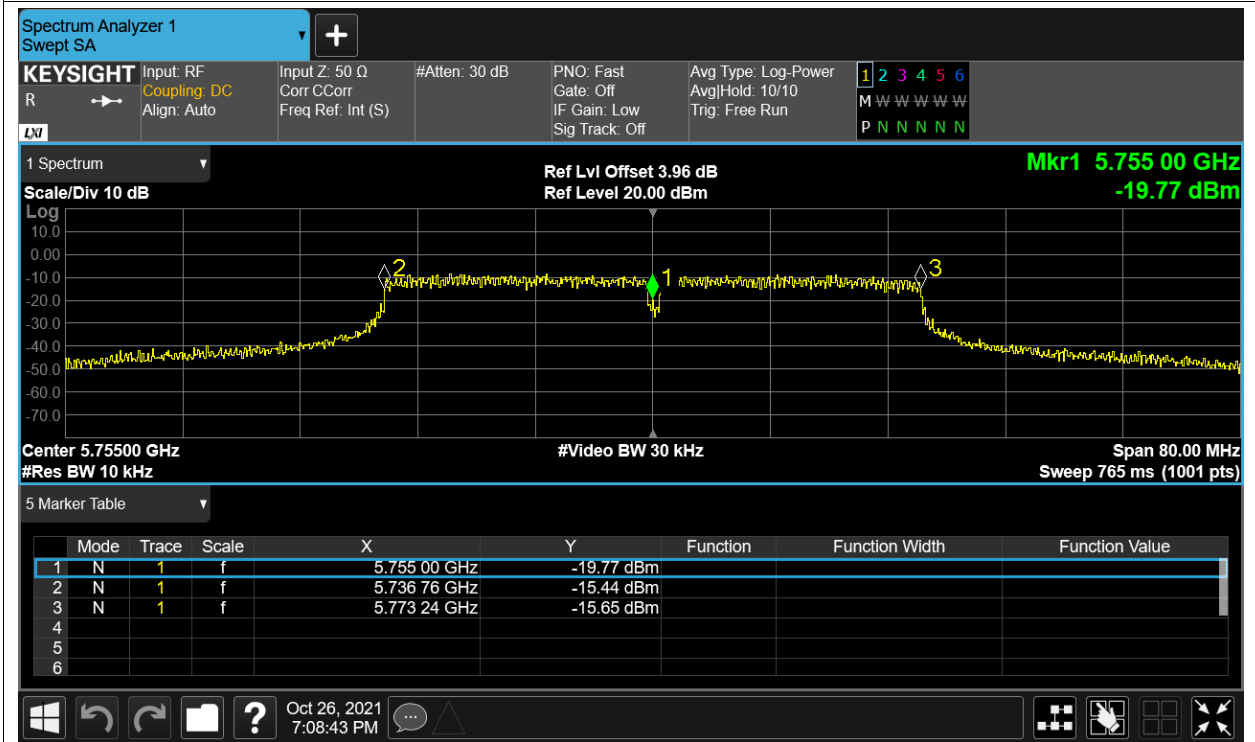
Freq. Stability HVHT n40 5755MHz Sum



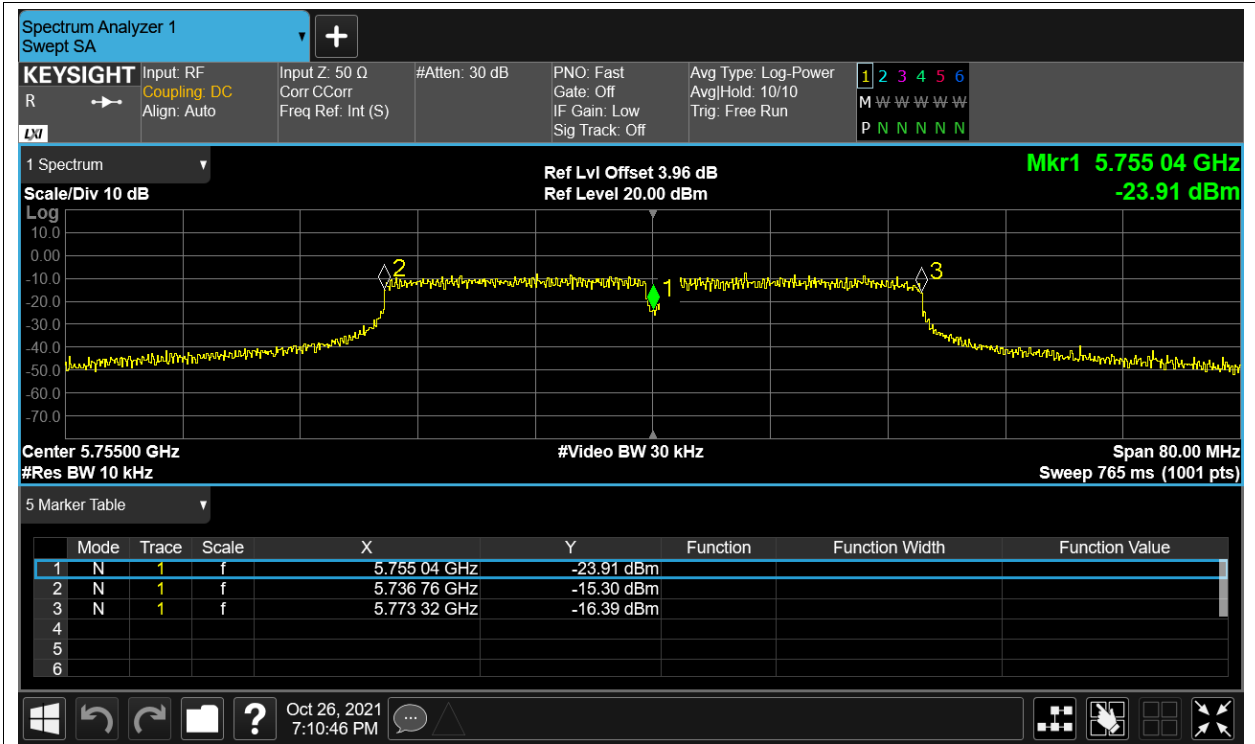
Freq. Stability HVLT n40 5755MHz Sum



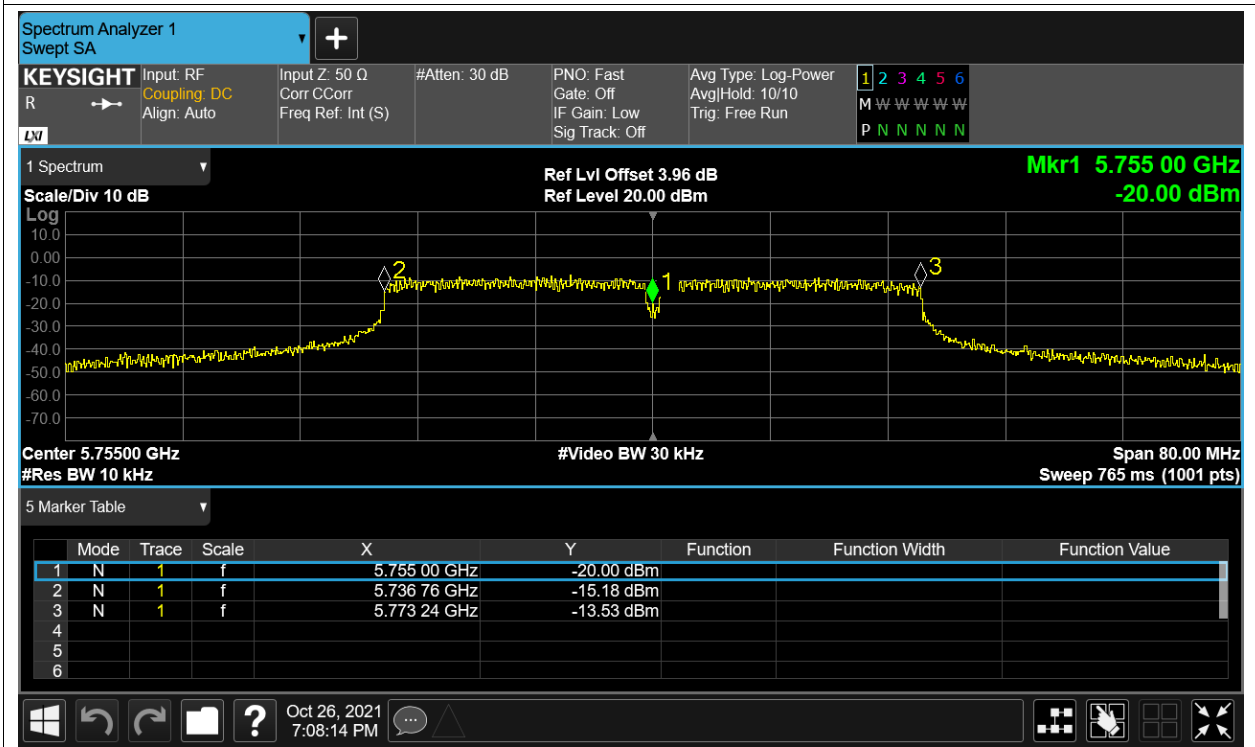
Freq. Stability LVHT n40 5755MHz Sum



Freq. Stability LVLT n40 5755MHz Sum



Freq. Stability NVNT n40 5755MHz Sum

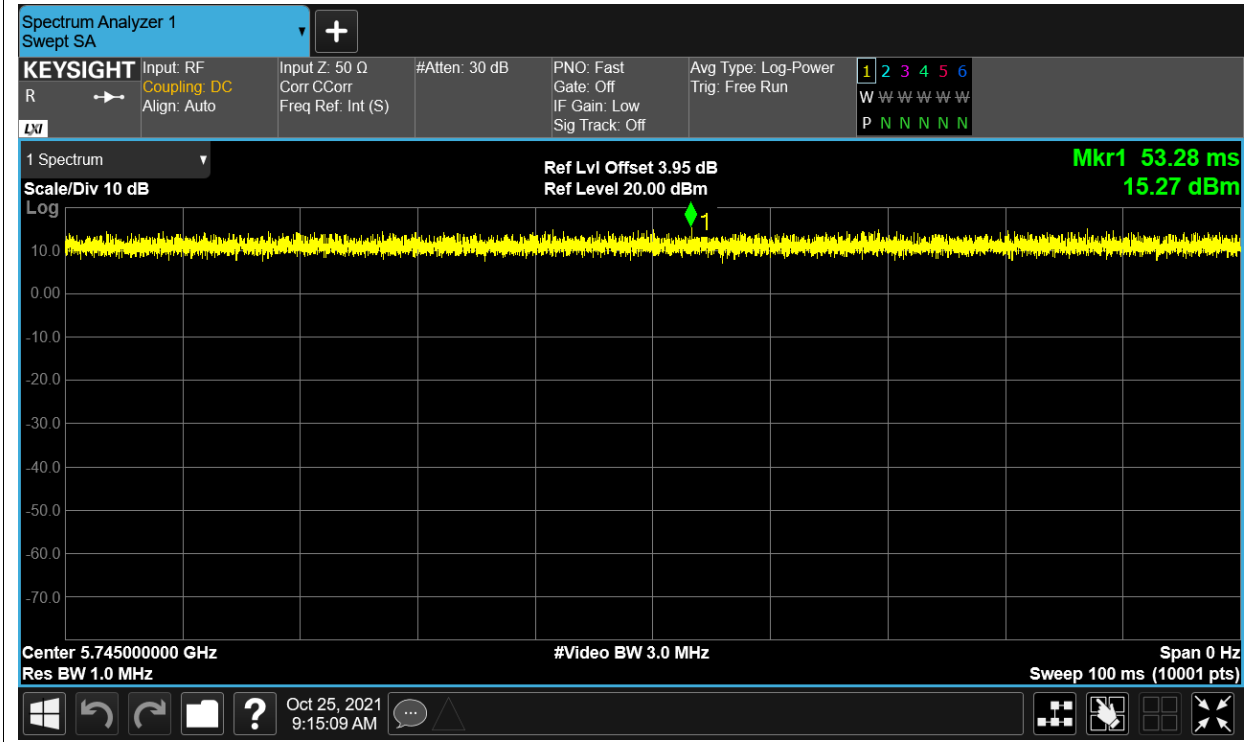


Duty Cycle

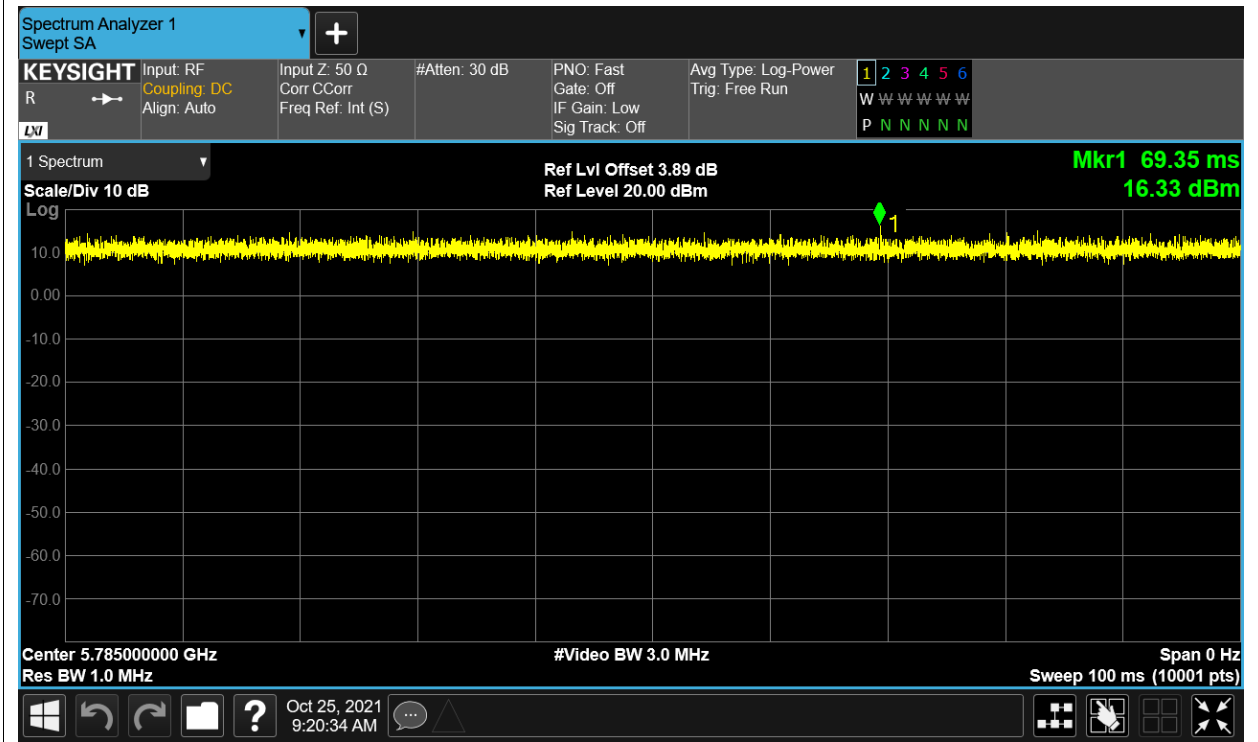
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	a	5745	Ant2	100	0
NVNT	a	5785	Ant2	100	0
NVNT	a	5825	Ant2	100	0
NVNT	n20	5745	Sum	100	0
NVNT	n20	5785	Sum	100	0
NVNT	n20	5825	Sum	100	0
NVNT	n40	5755	Sum	100	0
NVNT	n40	5795	Sum	100	0

Test Graphs

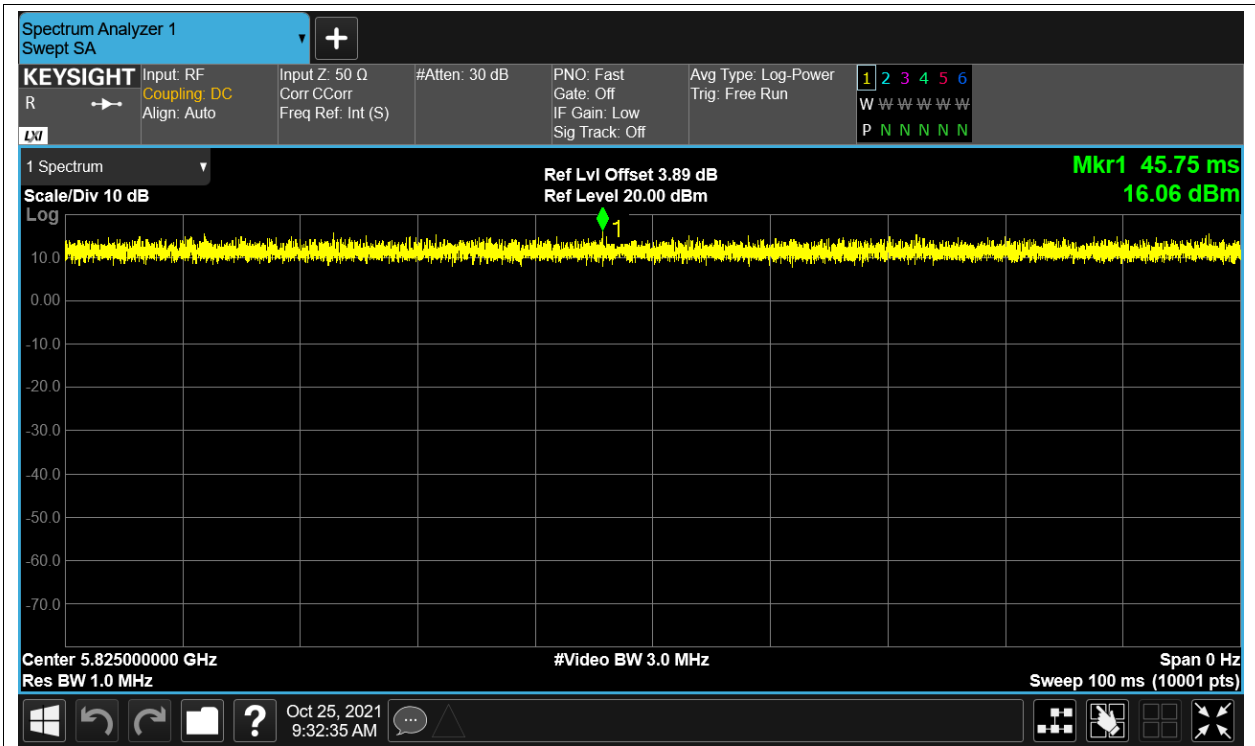
Duty Cycle NVNT a 5745MHz Ant1



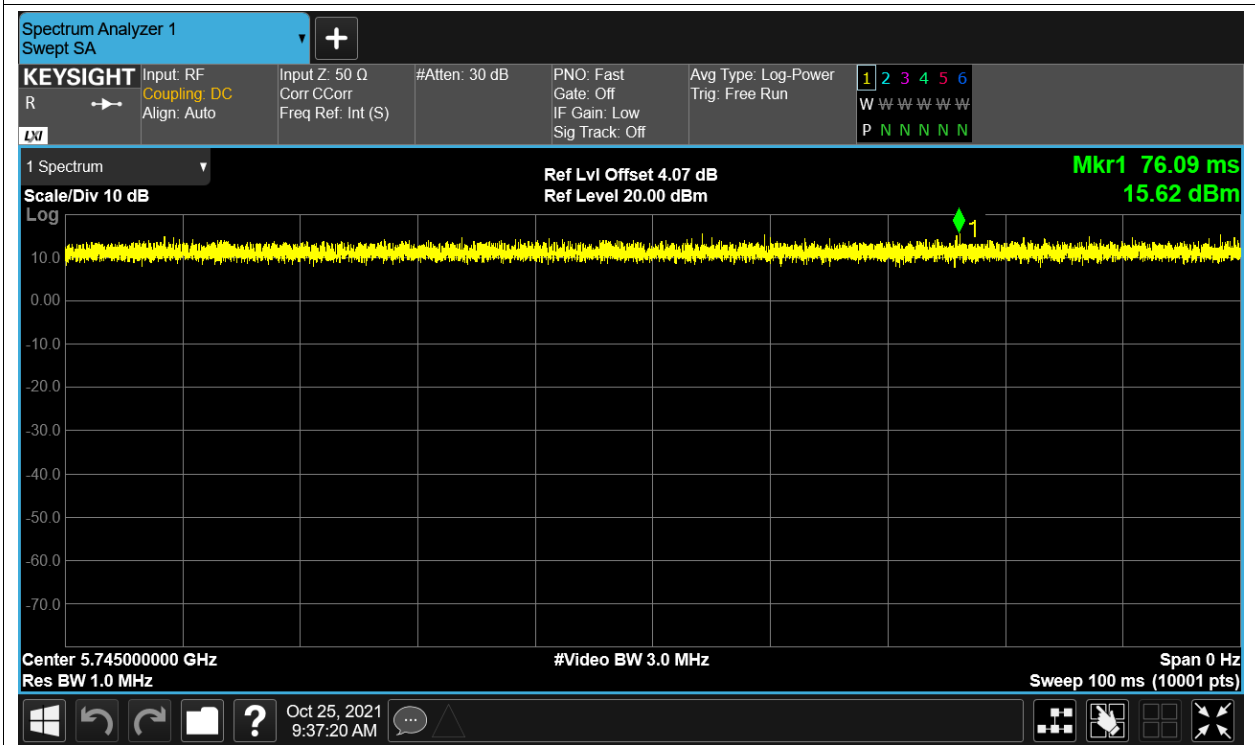
Duty Cycle NVNT a 5785MHz Ant1



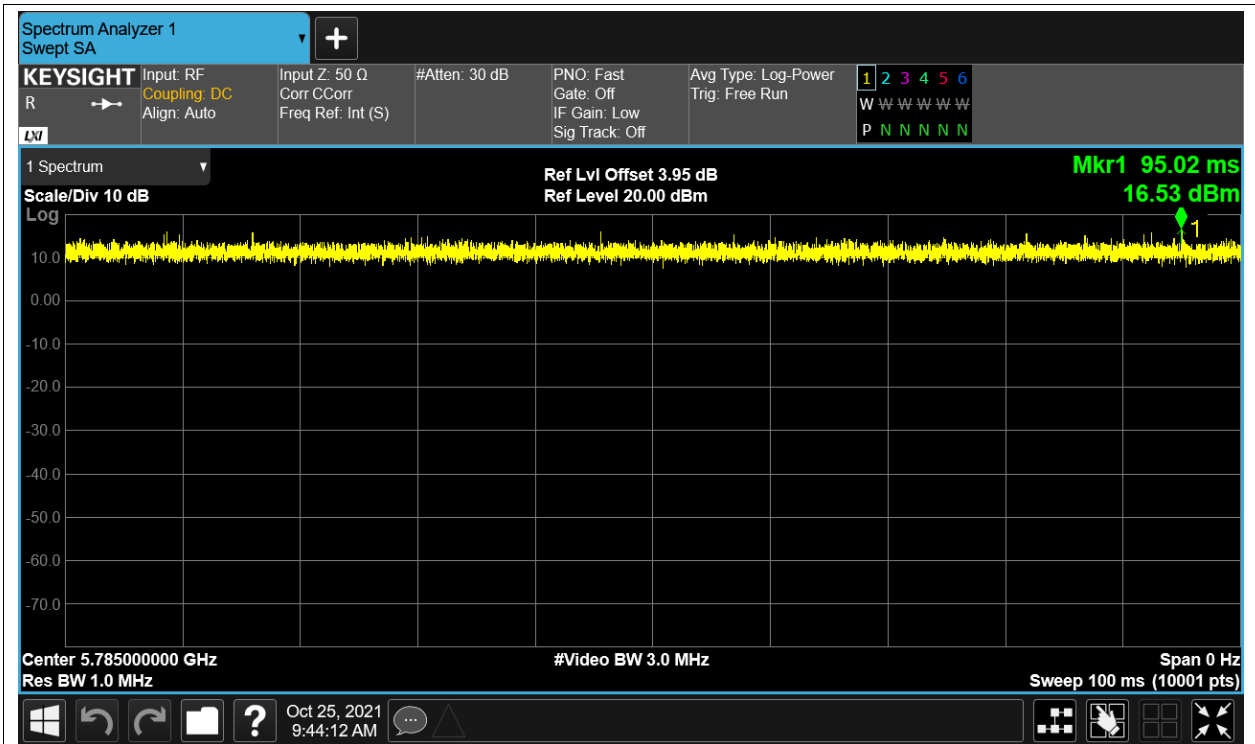
Duty Cycle NVNT a 5825MHz Ant1



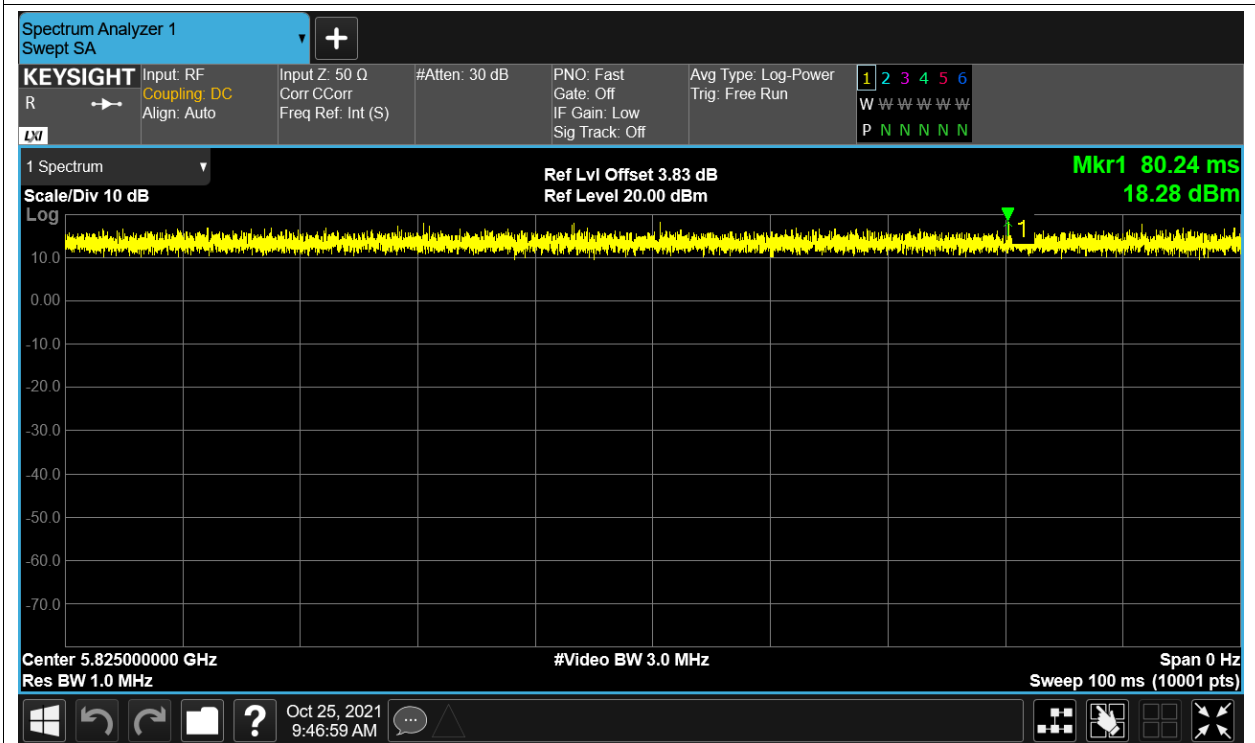
Duty Cycle NVNT a 5745MHz Ant2



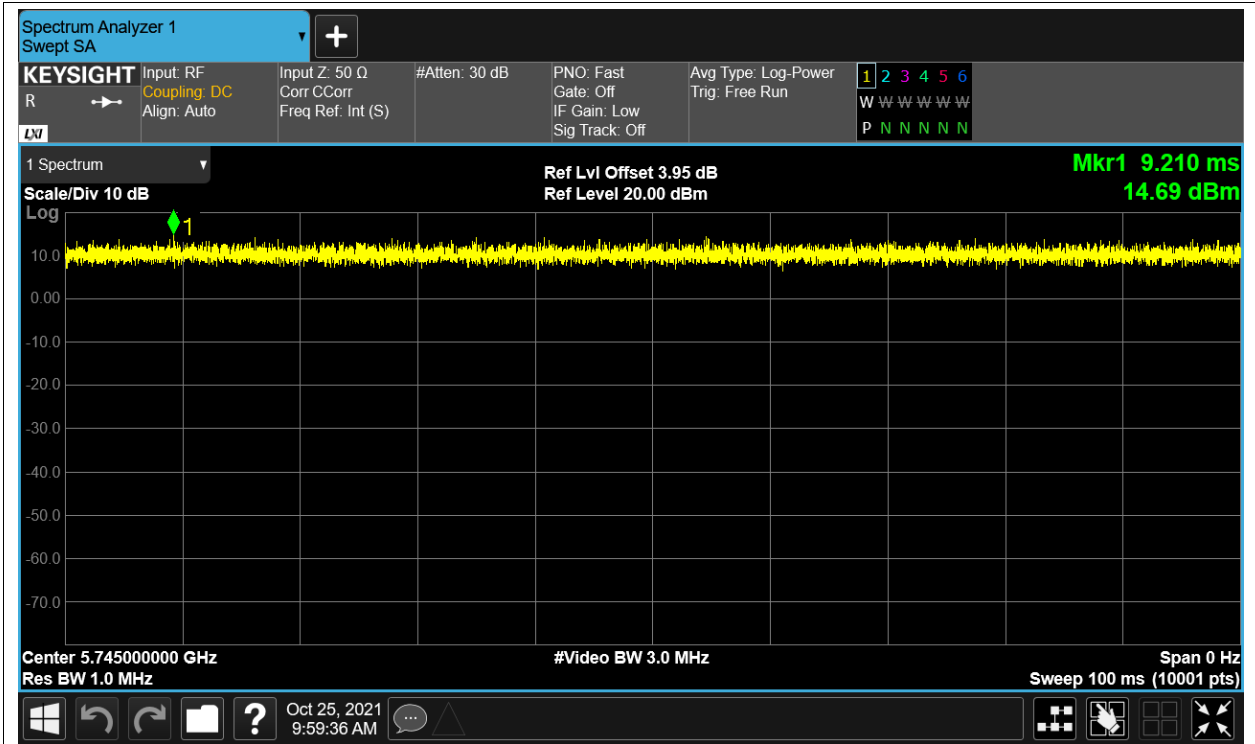
Duty Cycle NVNT a 5785MHz Ant2



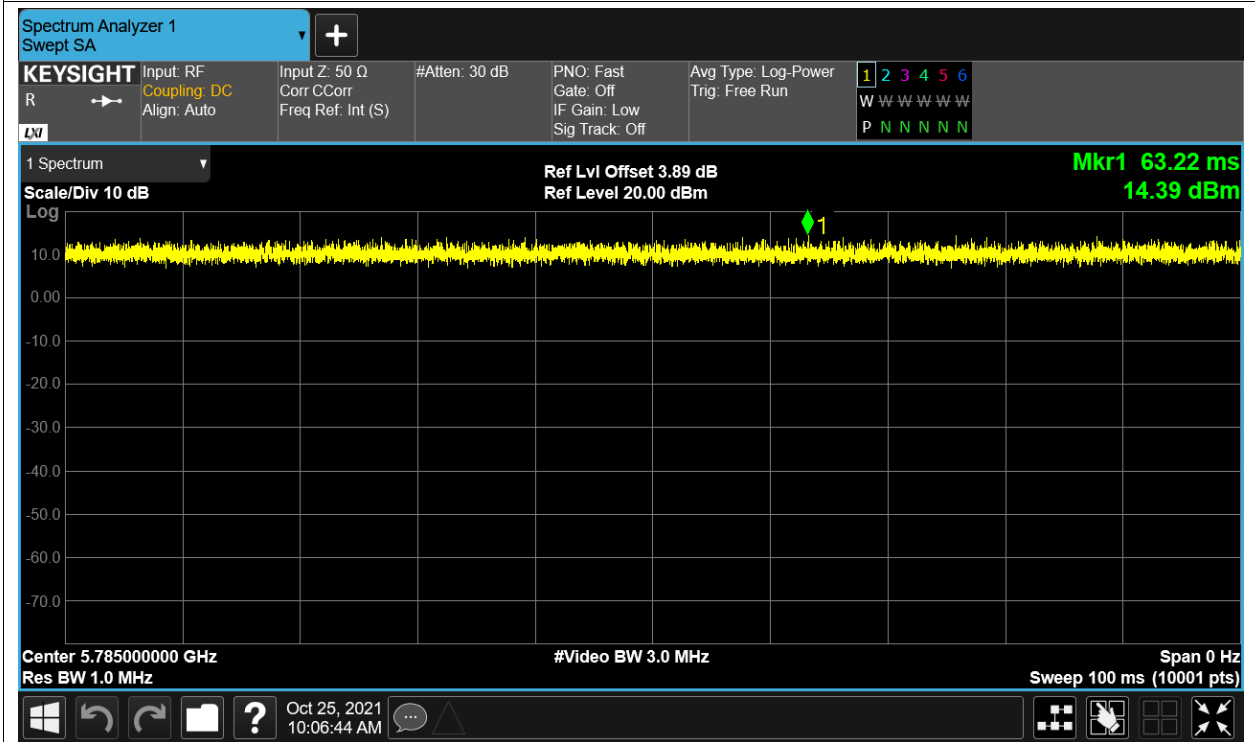
Duty Cycle NVNT a 5825MHz Ant2



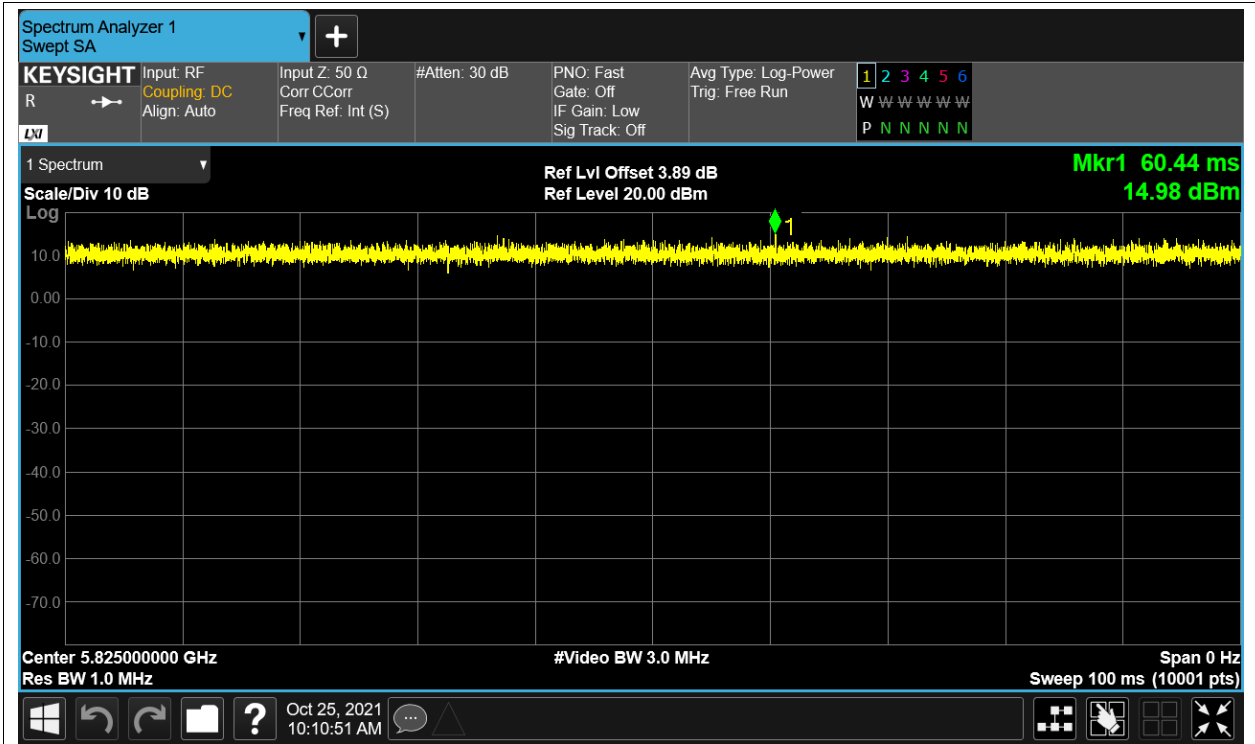
Duty Cycle NVNT n20 5745MHz Sum



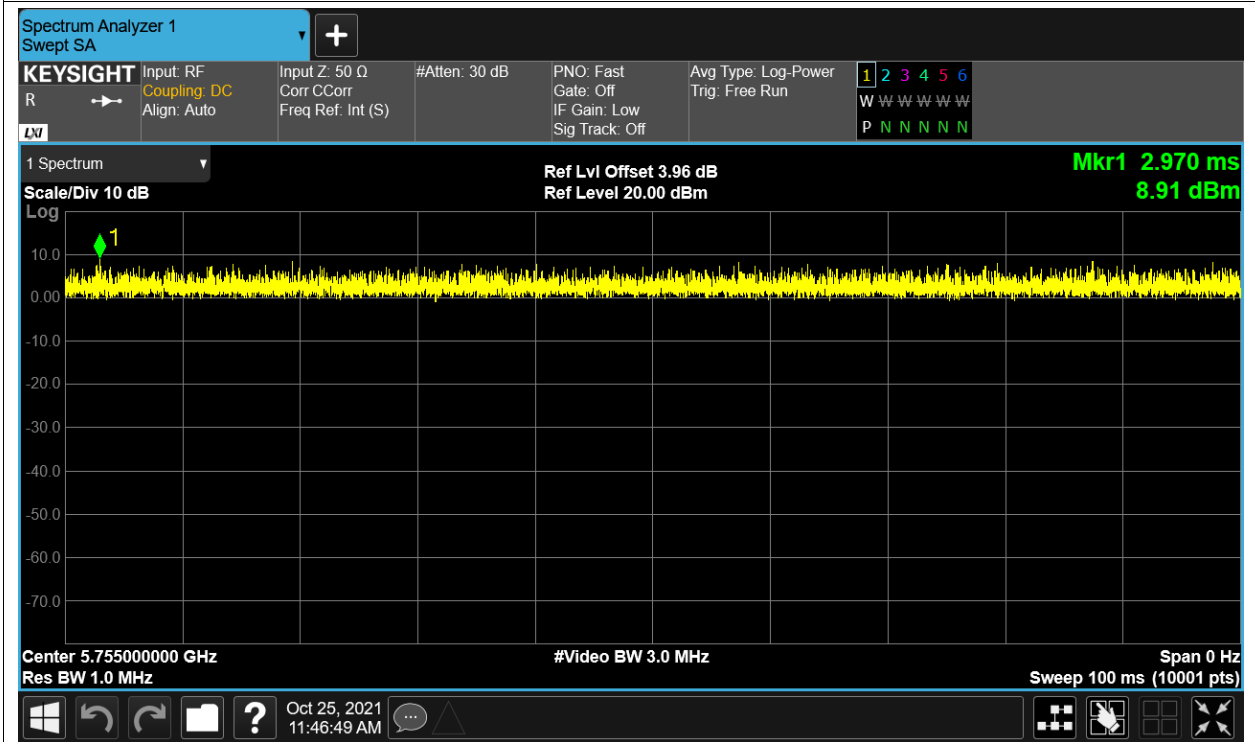
Duty Cycle NVNT n20 5785MHz Sum



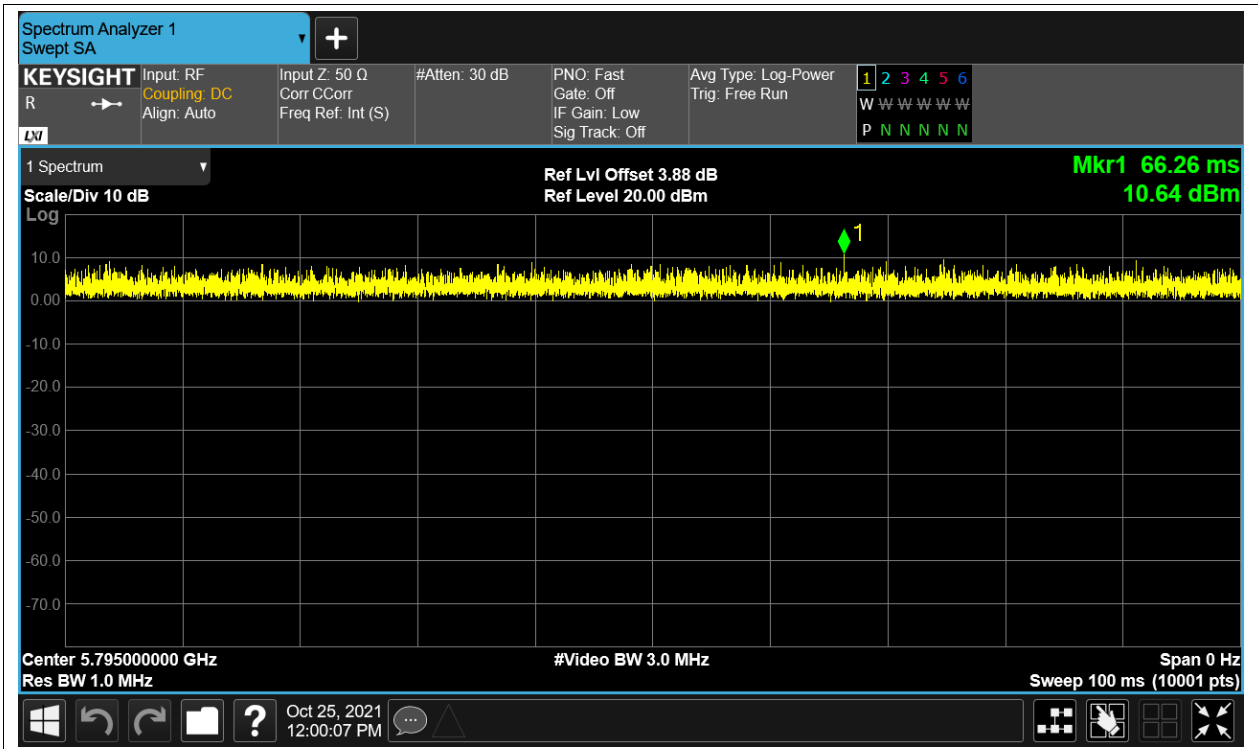
Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum



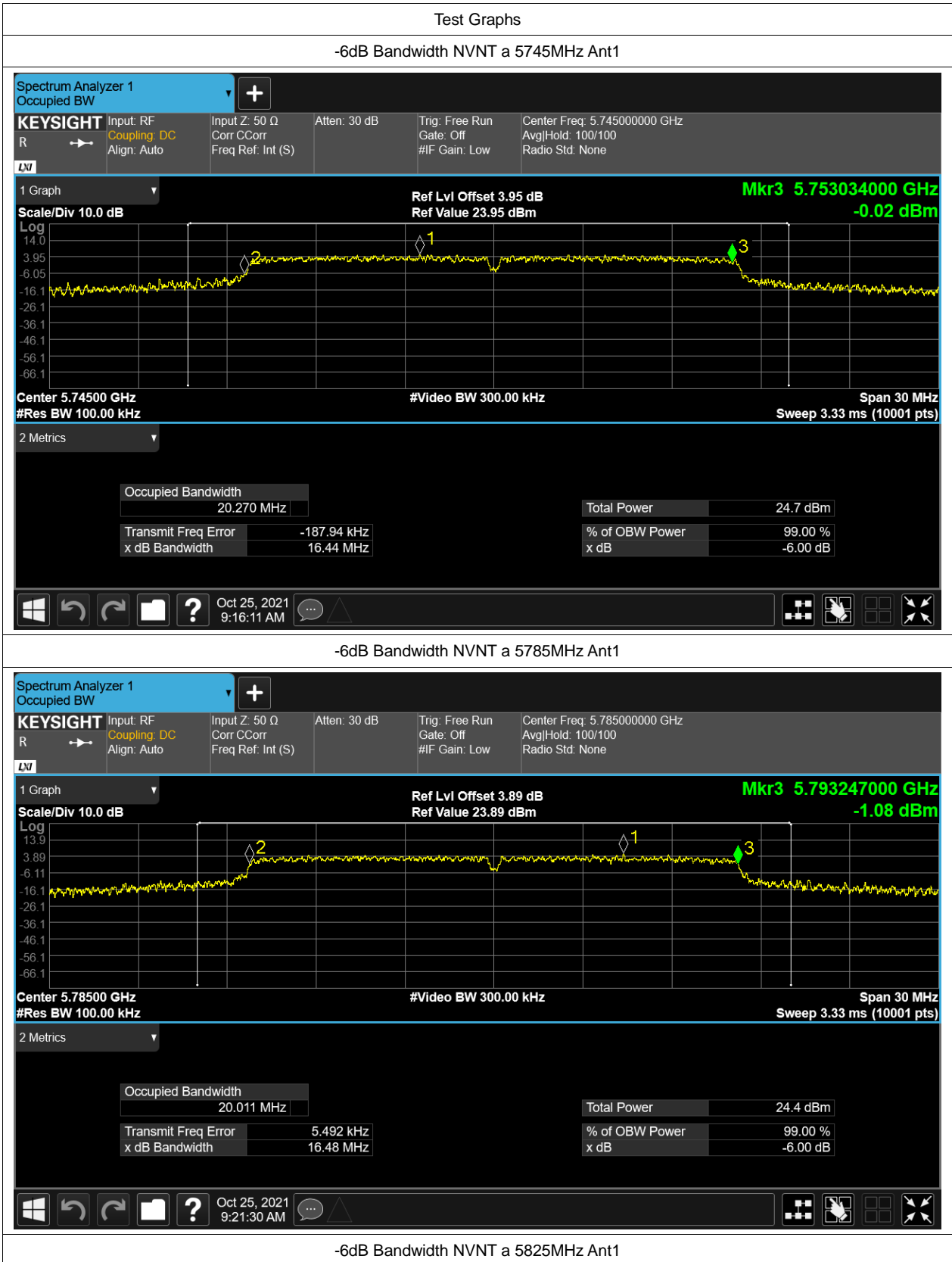
Maximum Conducted Output Power

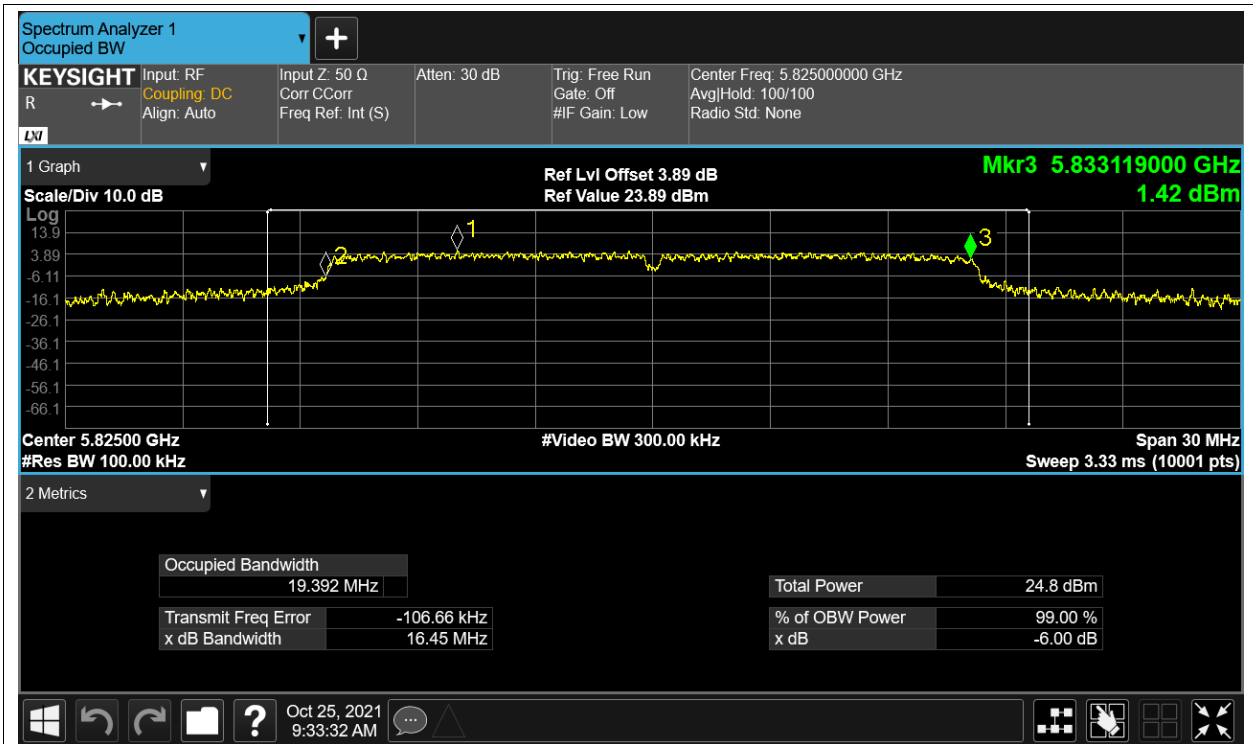
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	20.04	0	20.04	30	Pass
NVNT	a	5785	Ant1	19.86	0	19.86	30	Pass
NVNT	a	5825	Ant1	20.24	0	20.24	30	Pass
NVNT	a	5745	Ant2	18.94	0	18.94	30	Pass
NVNT	a	5785	Ant2	19.32	0	19.32	30	Pass
NVNT	a	5825	Ant2	20.39	0	20.39	30	Pass
NVNT	n20	5745	Ant1	18.69	0	18.69	30	Pass
NVNT	n20	5745	Ant2	19.18	0	19.18	30	Pass
NVNT	n20	5745	Sum	21.952	0	21.952	30	Pass
NVNT	n20	5785	Ant1	19.15	0	19.15	30	Pass
NVNT	n20	5785	Ant2	19.6	0	19.6	30	Pass
NVNT	n20	5785	Sum	22.391	0	22.391	30	Pass
NVNT	n20	5825	Ant1	19.12	0	19.12	30	Pass
NVNT	n20	5825	Ant2	20.38	0	20.38	30	Pass
NVNT	n20	5825	Sum	22.806	0	22.806	30	Pass
NVNT	n40	5755	Ant1	17.49	0	17.49	30	Pass
NVNT	n40	5755	Ant2	18.13	0	18.13	30	Pass
NVNT	n40	5755	Sum	20.832	0	20.832	30	Pass
NVNT	n40	5795	Ant1	18.67	0	18.67	30	Pass
NVNT	n40	5795	Ant2	19.15	0	19.15	30	Pass
NVNT	n40	5795	Sum	21.927	0	21.927	30	Pass

-6dB Bandwidth

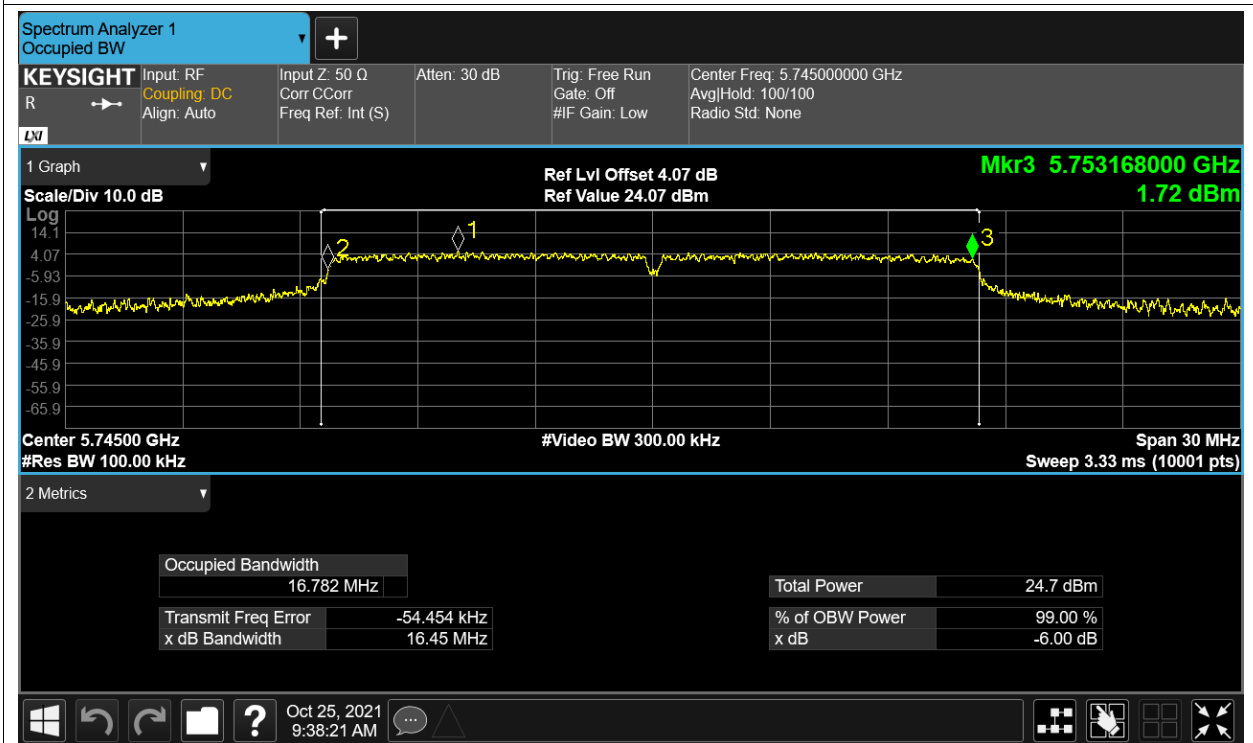
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.443	0.5	Pass
NVNT	a	5785	Ant1	16.483	0.5	Pass
NVNT	a	5825	Ant1	16.452	0.5	Pass
NVNT	a	5745	Ant2	16.445	0.5	Pass
NVNT	a	5785	Ant2	16.519	0.5	Pass
NVNT	a	5825	Ant2	16.511	0.5	Pass
NVNT	n20	5745	Ant1	17.608	0.5	Pass
NVNT	n20	5745	Ant2	17.684	0.5	Pass
NVNT	n20	5785	Ant1	17.709	0.5	Pass
NVNT	n20	5785	Ant2	17.646	0.5	Pass
NVNT	n20	5825	Ant1	17.66	0.5	Pass
NVNT	n20	5825	Ant2	17.667	0.5	Pass

NVNT	n40	5755	Ant1	36.414	0.5	Pass
NVNT	n40	5755	Ant2	36.444	0.5	Pass
NVNT	n40	5795	Ant1	36.374	0.5	Pass
NVNT	n40	5795	Ant2	36.406	0.5	Pass

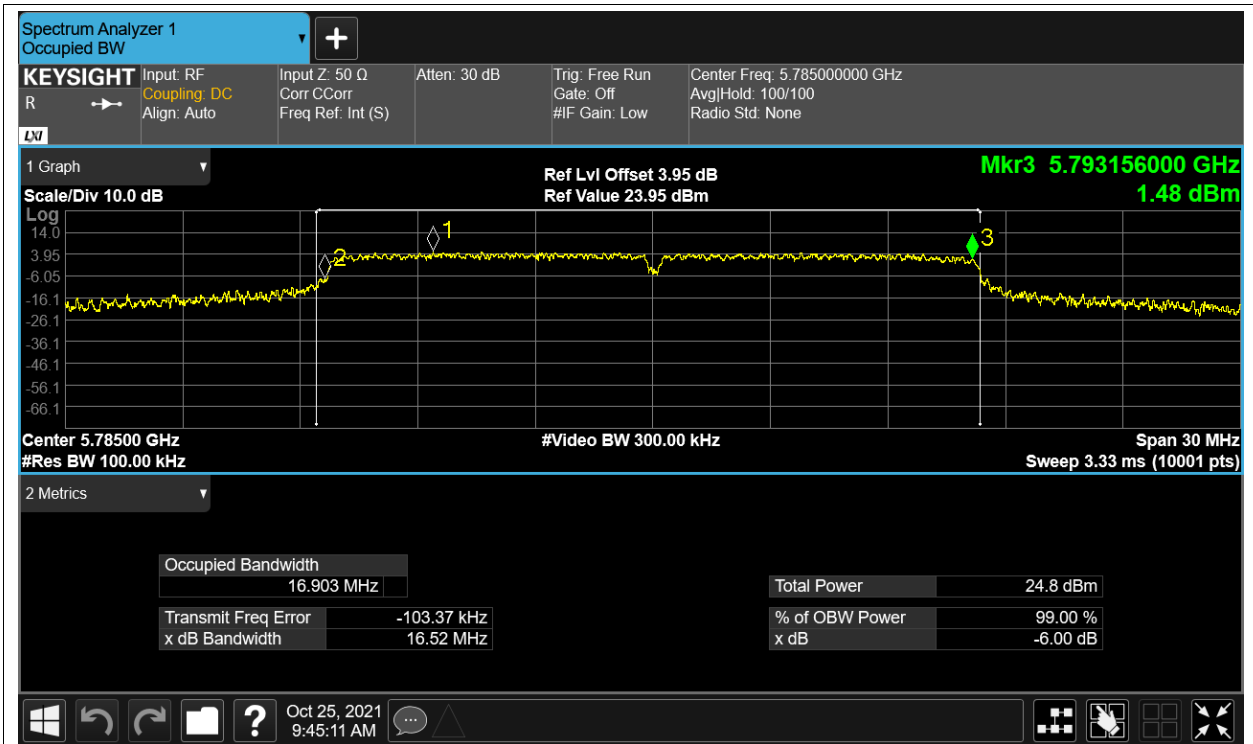




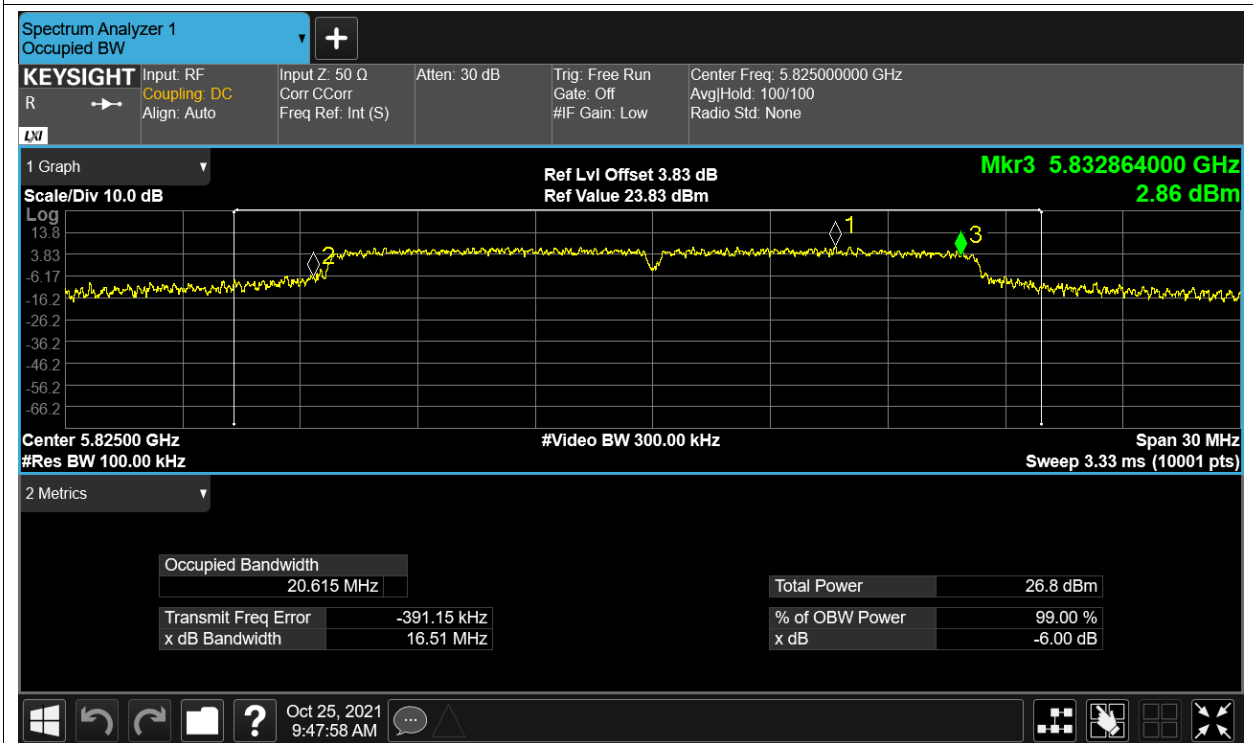
-6dB Bandwidth NVNT a 5745MHz Ant2



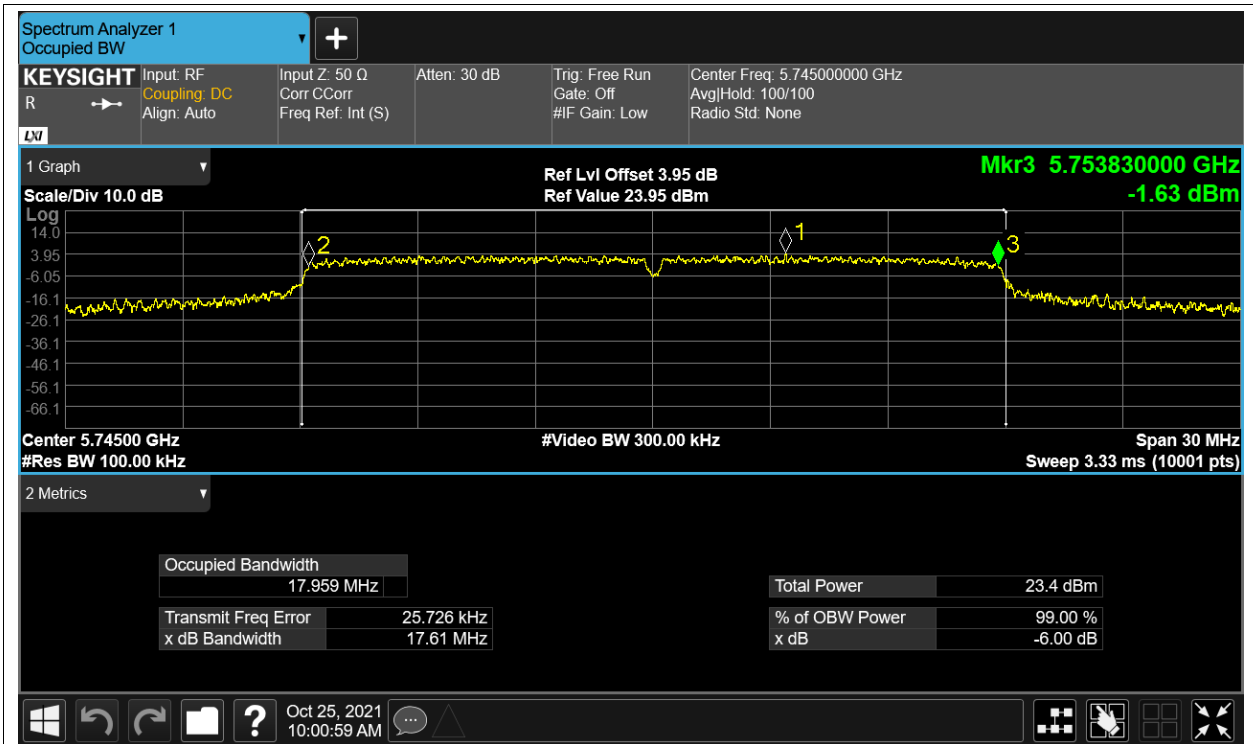
-6dB Bandwidth NVNT a 5785MHz Ant2



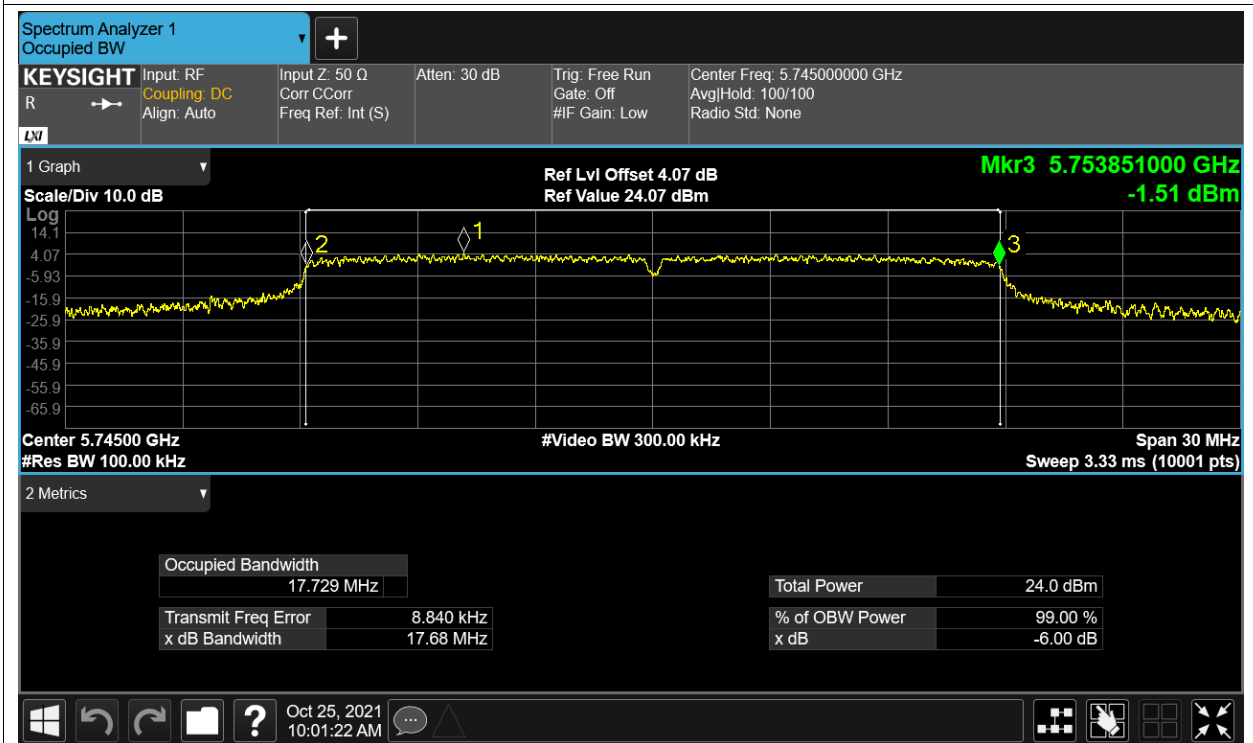
-6dB Bandwidth NVNT a 5825MHz Ant2



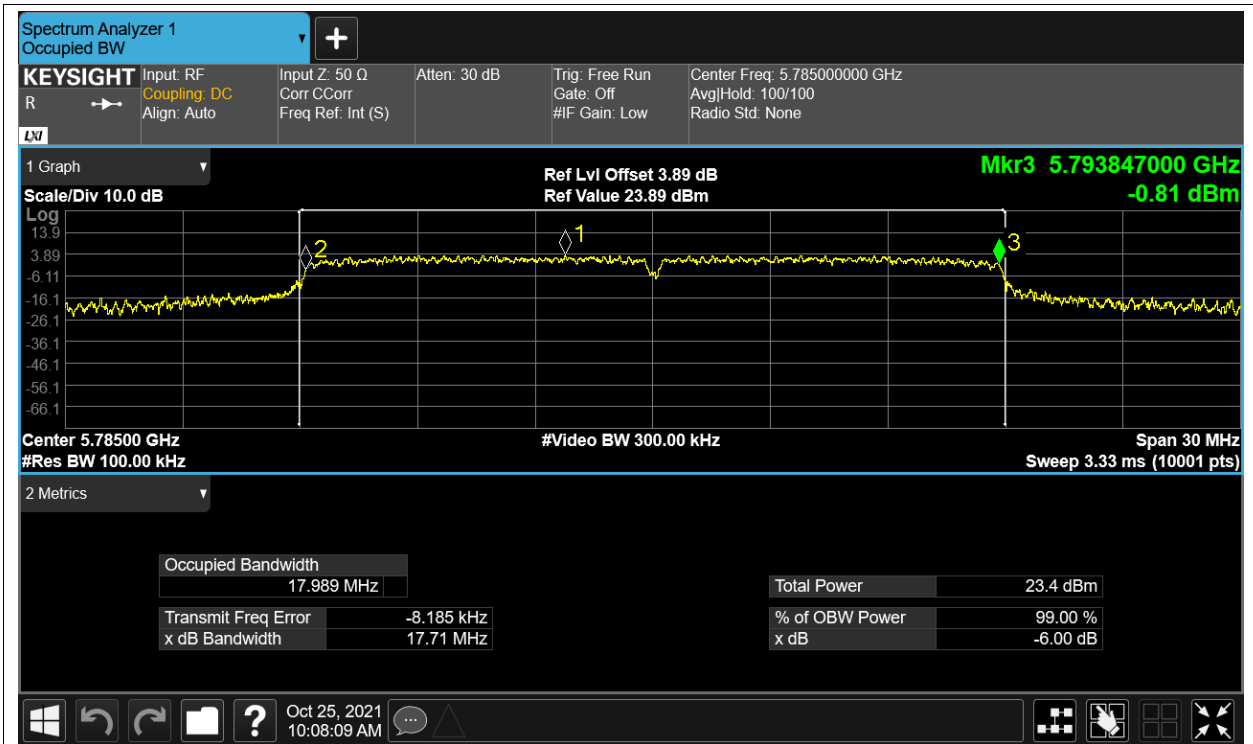
-6dB Bandwidth NVNT n20 5745MHz Ant1



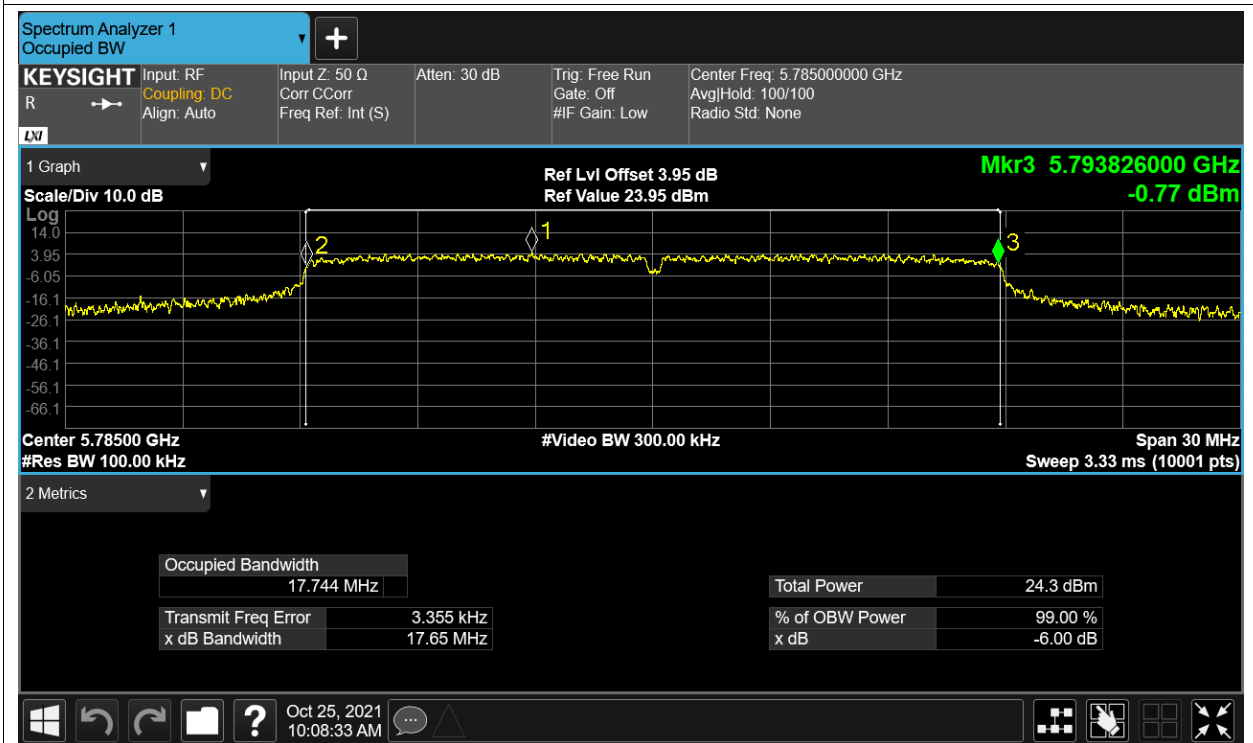
-6dB Bandwidth NVNT n20 5745MHz Ant2



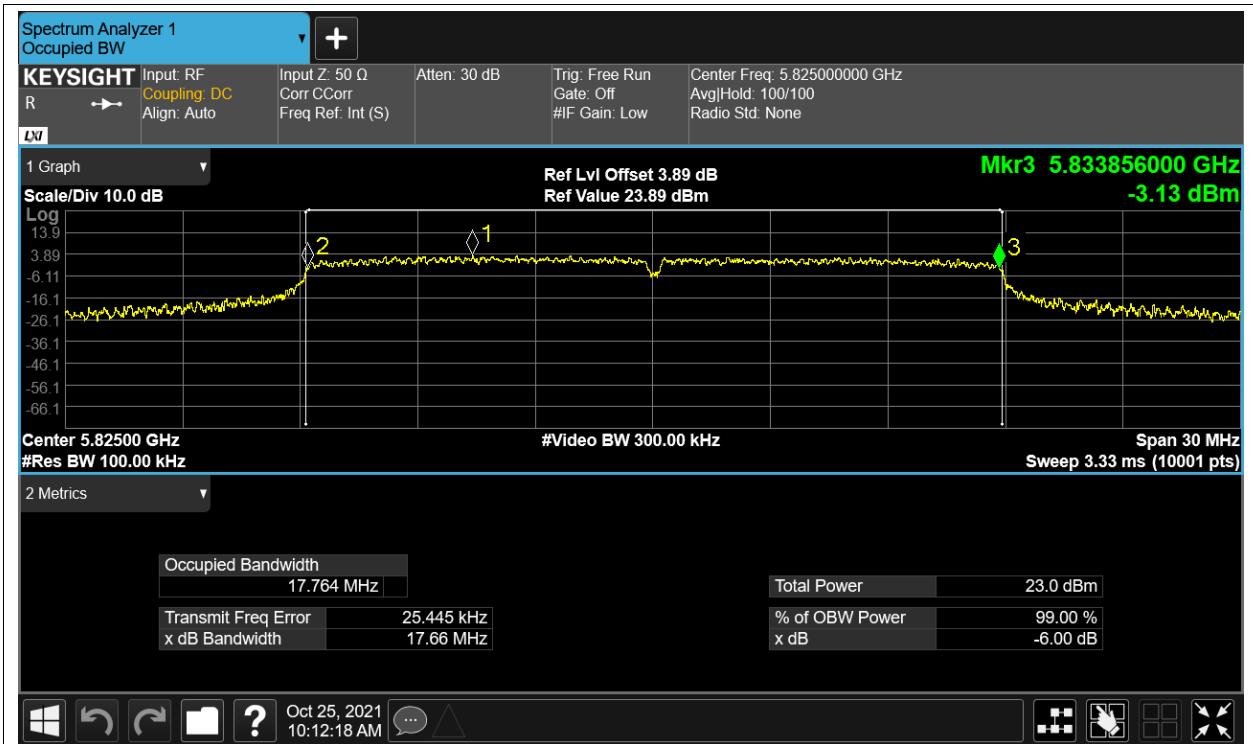
-6dB Bandwidth NVNT n20 5785MHz Ant1



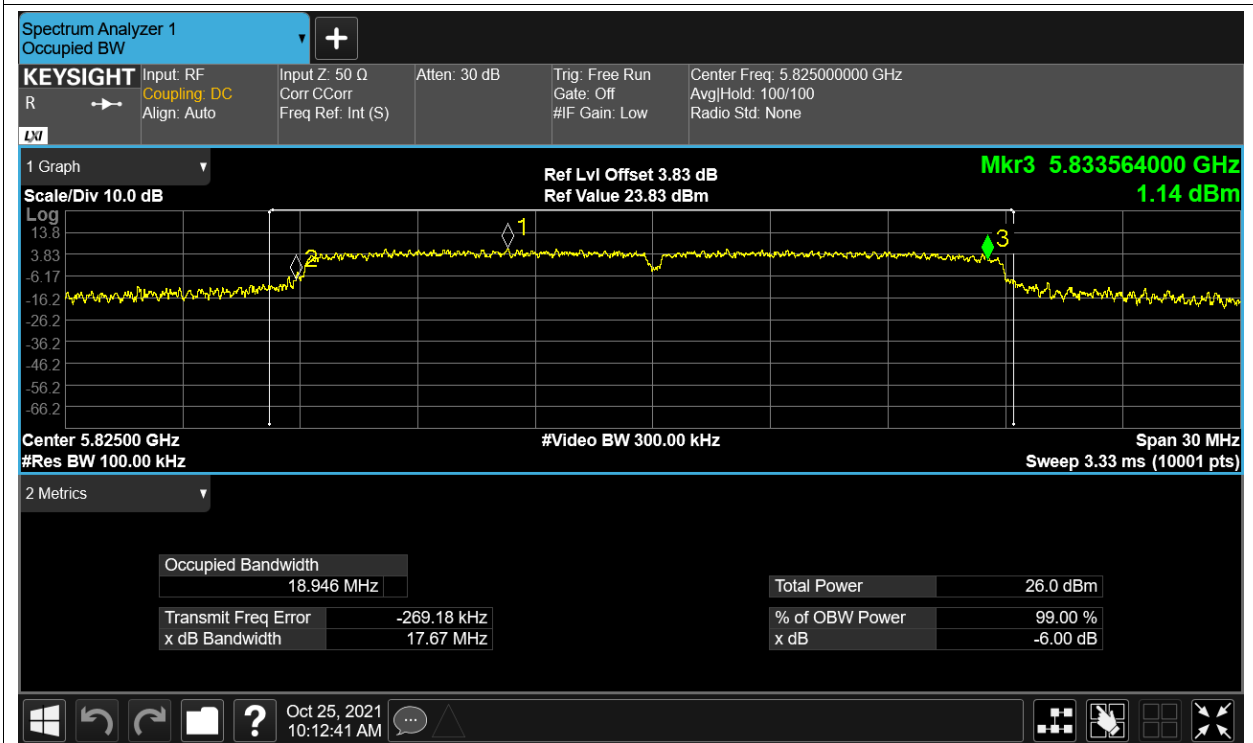
-6dB Bandwidth NVNT n20 5785MHz Ant2



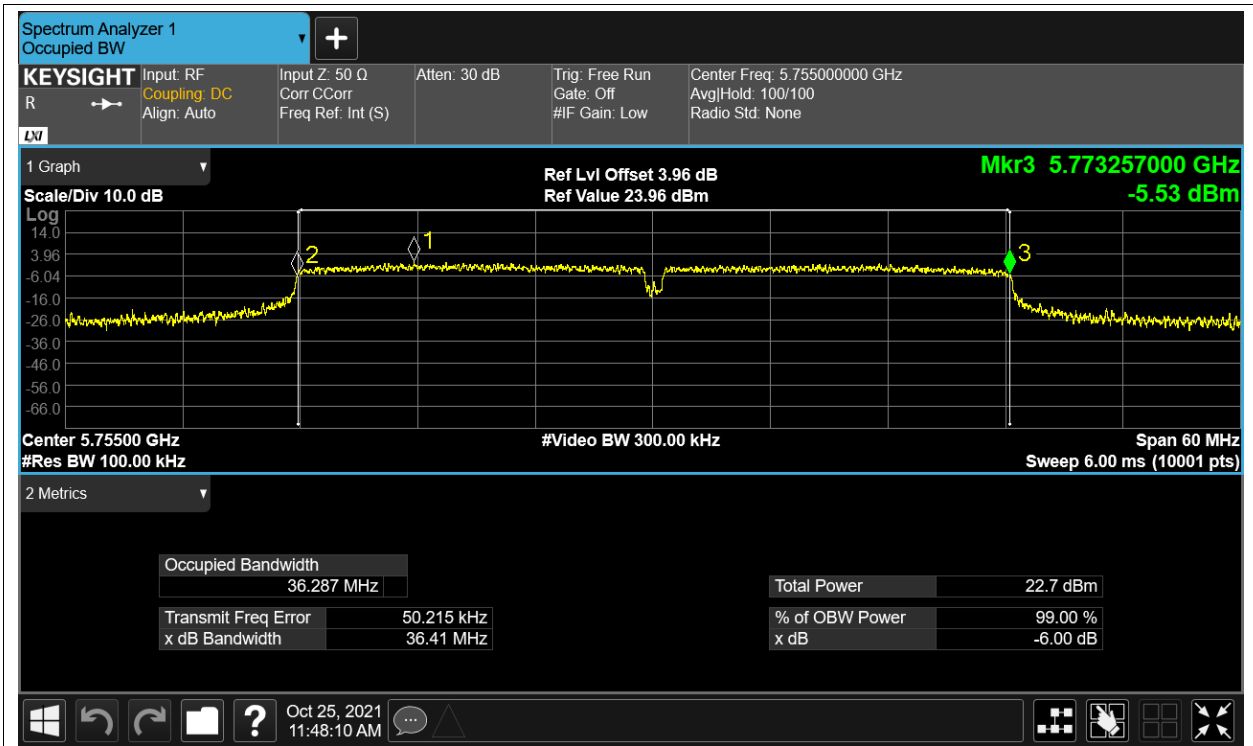
-6dB Bandwidth NVNT n20 5825MHz Ant1



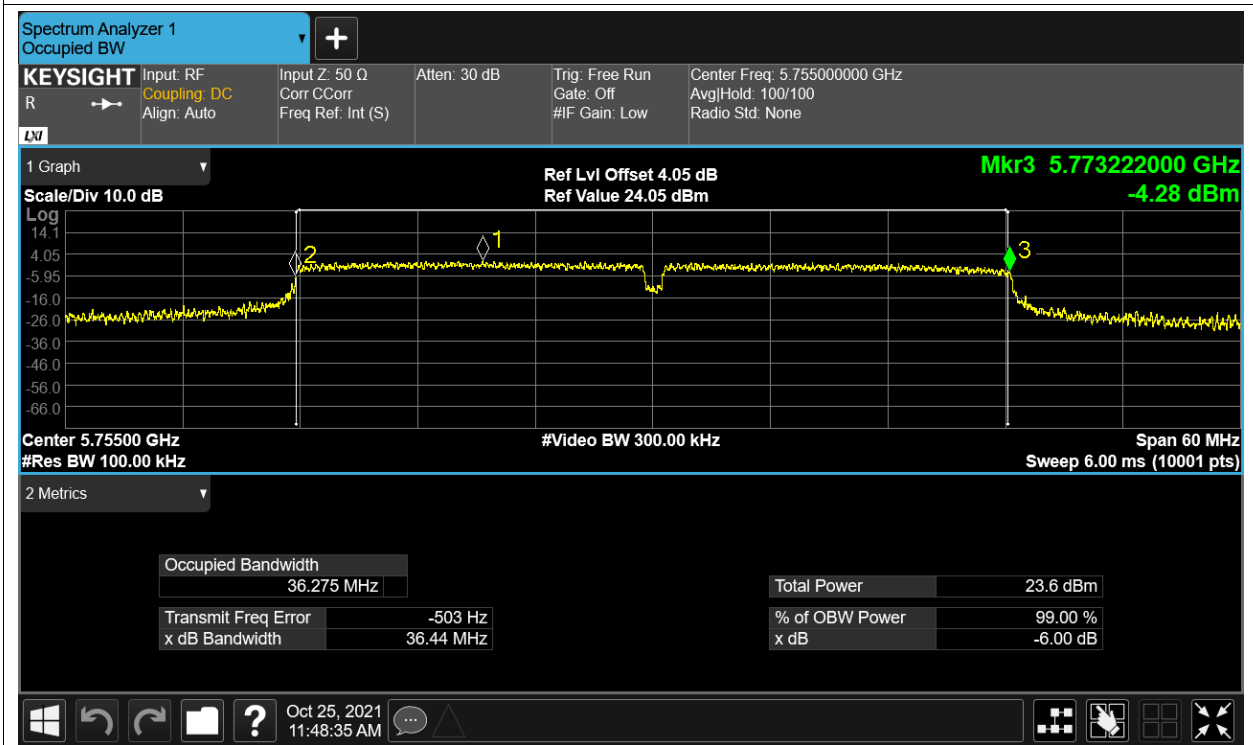
-6dB Bandwidth NVNT n20 5825MHz Ant2



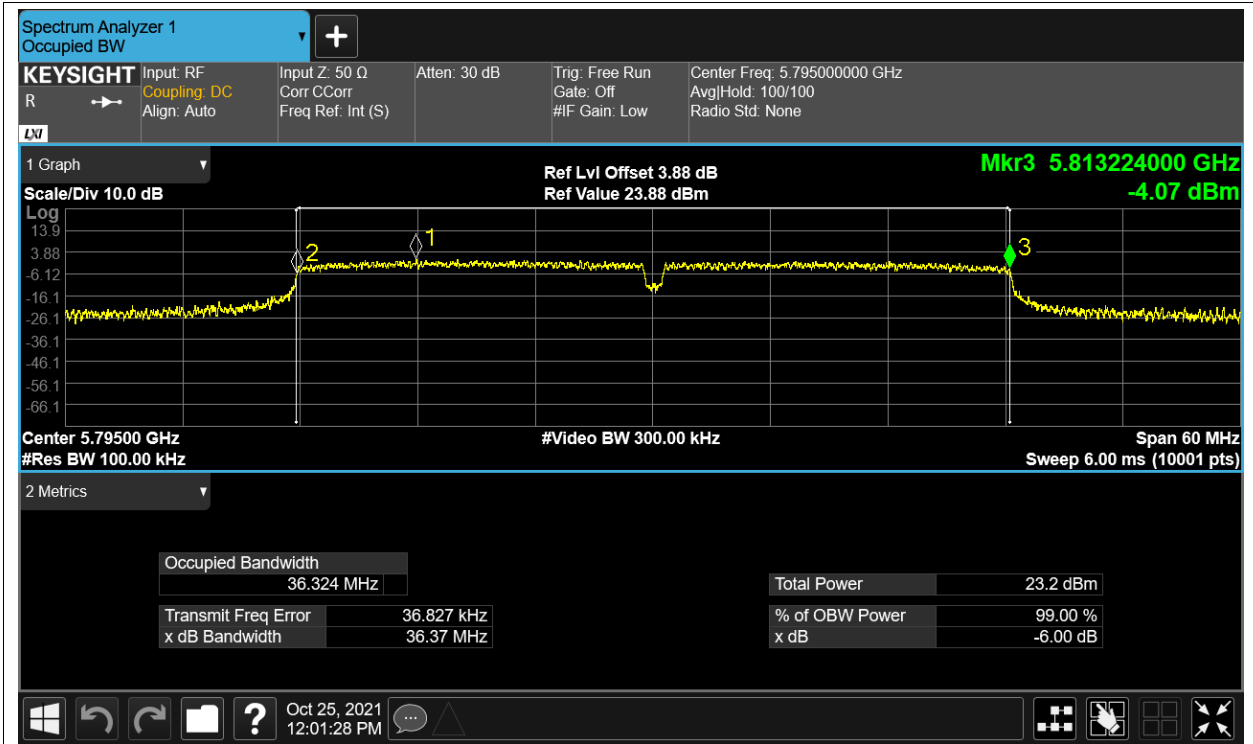
-6dB Bandwidth NVNT n40 5755MHz Ant1



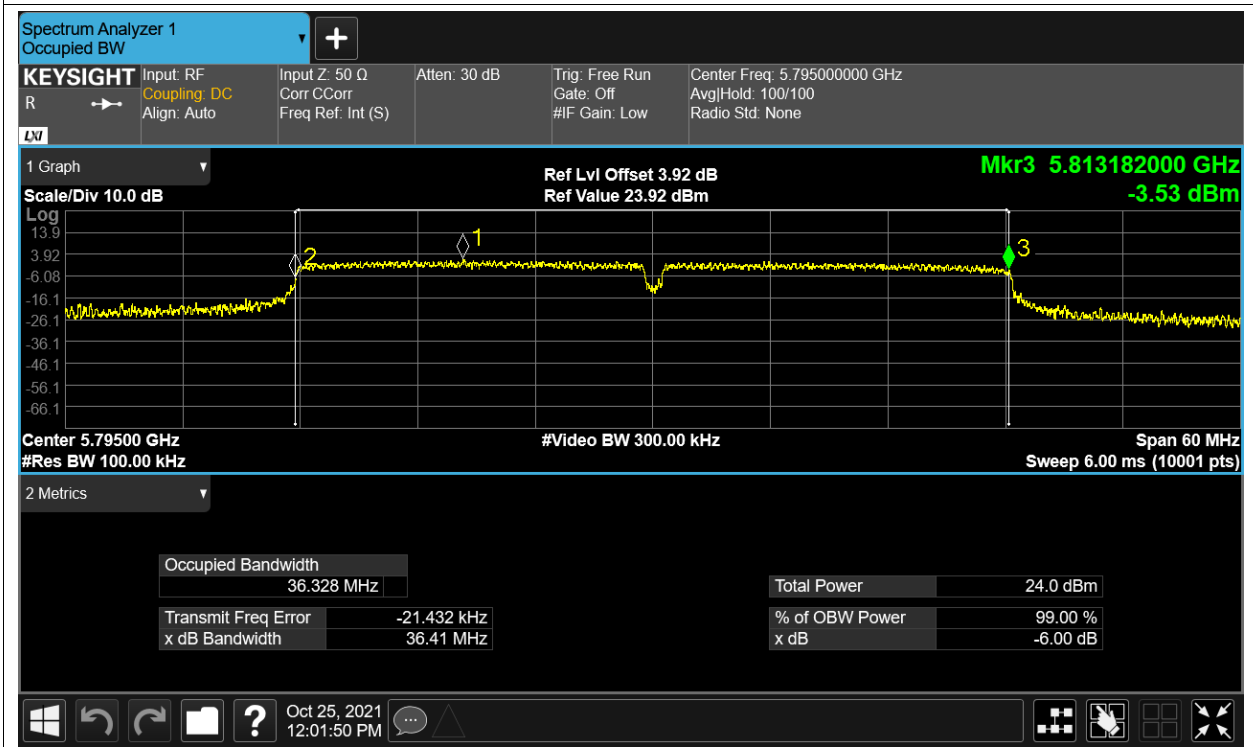
-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant1



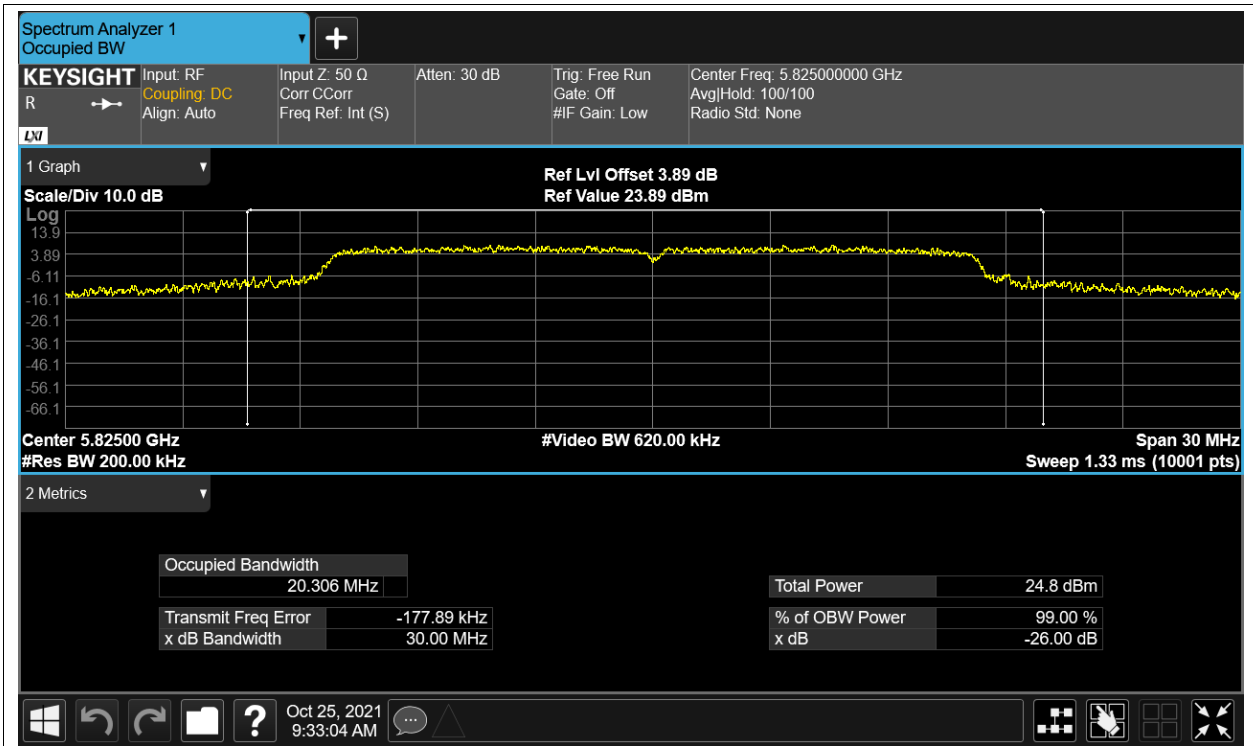
-6dB Bandwidth NVNT n40 5795MHz Ant2



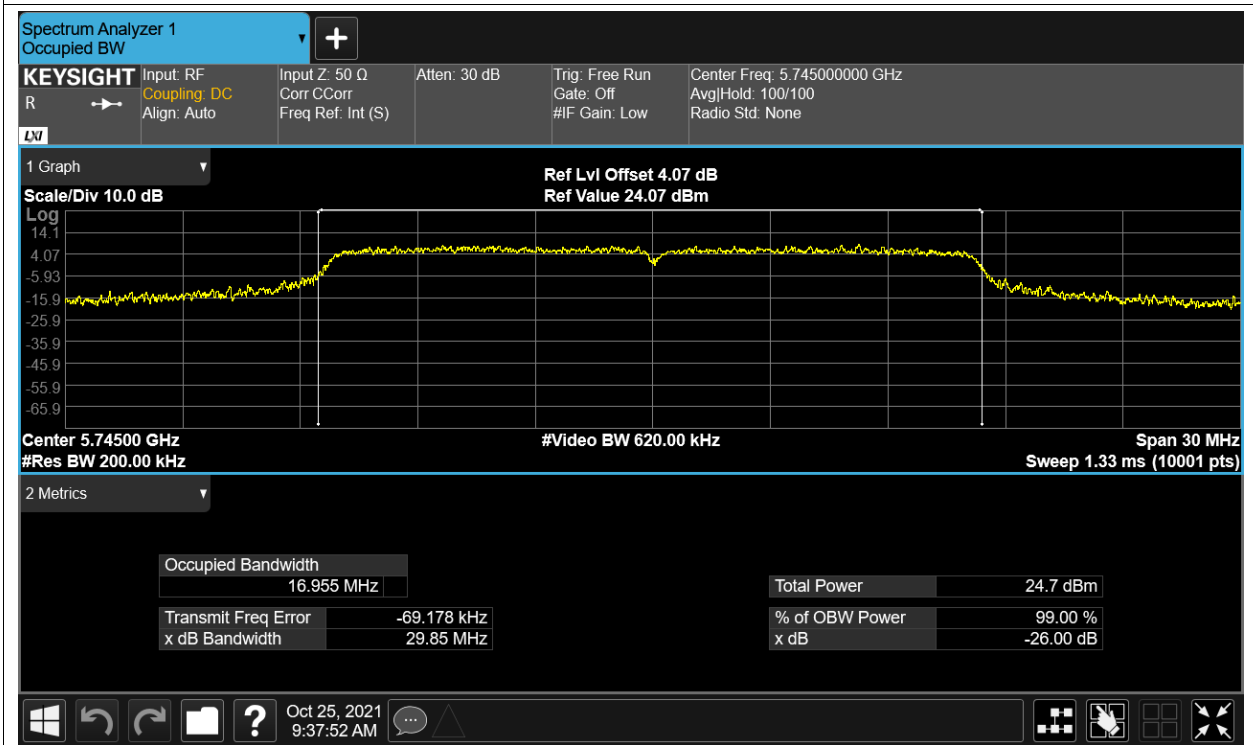
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	21.3174046
NVNT	a	5785	Ant1	20.31264906
NVNT	a	5825	Ant1	20.30552693
NVNT	a	5745	Ant2	16.95468585
NVNT	a	5785	Ant2	17.11579001
NVNT	a	5825	Ant2	21.23684004
NVNT	n20	5745	Ant1	18.54035936
NVNT	n20	5745	Ant2	17.91750312
NVNT	n20	5785	Ant1	18.70449054
NVNT	n20	5785	Ant2	17.99334415
NVNT	n20	5825	Ant1	17.9870857
NVNT	n20	5825	Ant2	19.85910977
NVNT	n40	5755	Ant1	36.59974783
NVNT	n40	5755	Ant2	36.53210397
NVNT	n40	5795	Ant1	36.83157559
NVNT	n40	5795	Ant2	36.65672105

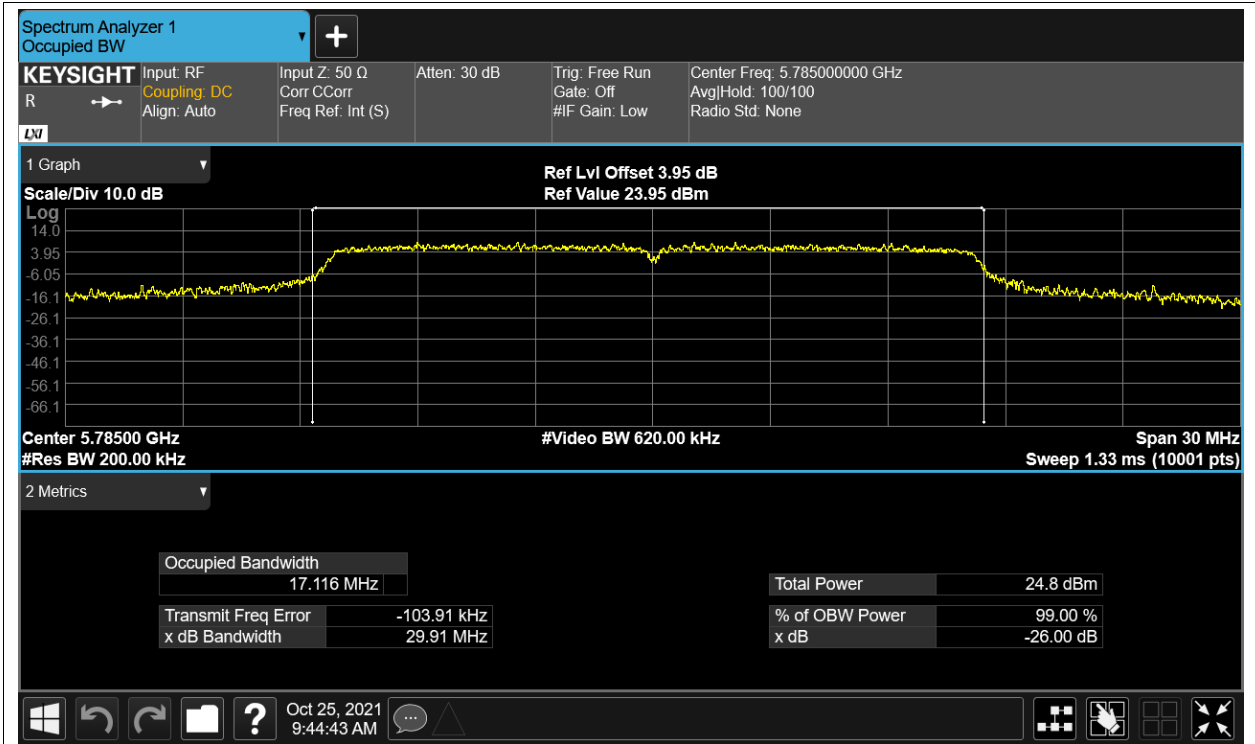




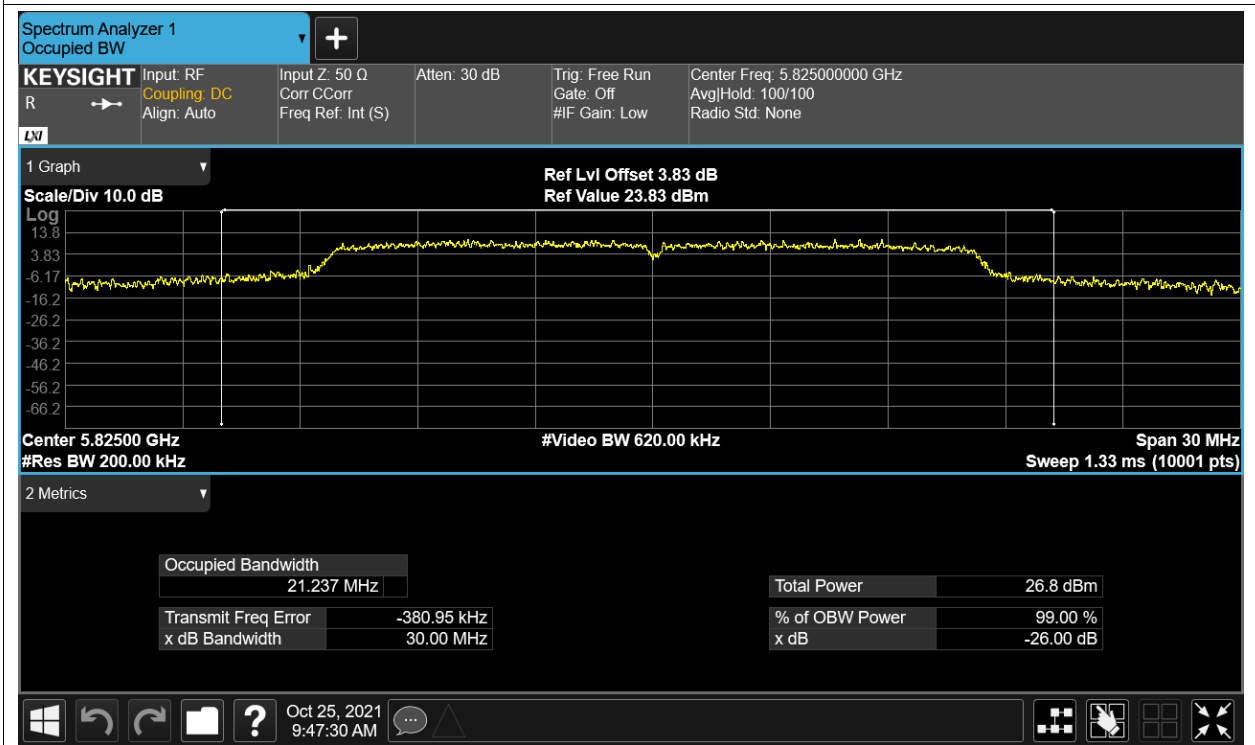
OBW NVNT a 5745MHz Ant2



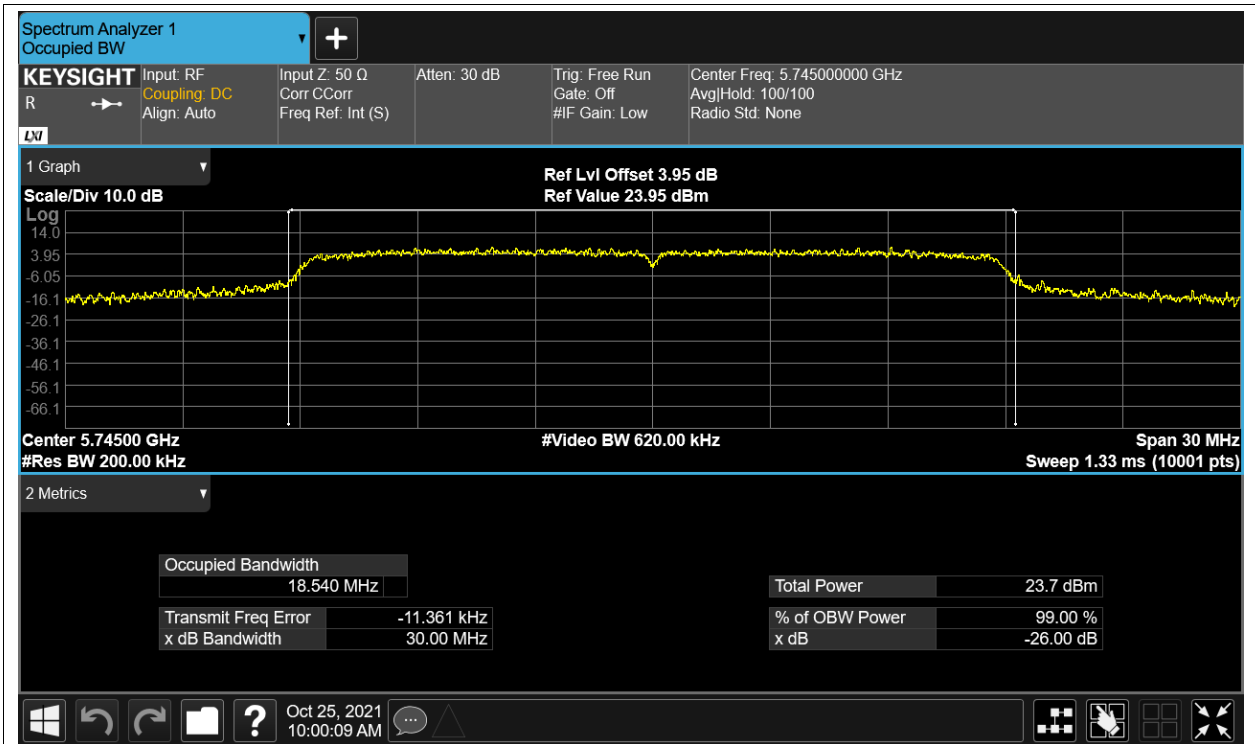
OBW NVNT a 5785MHz Ant2



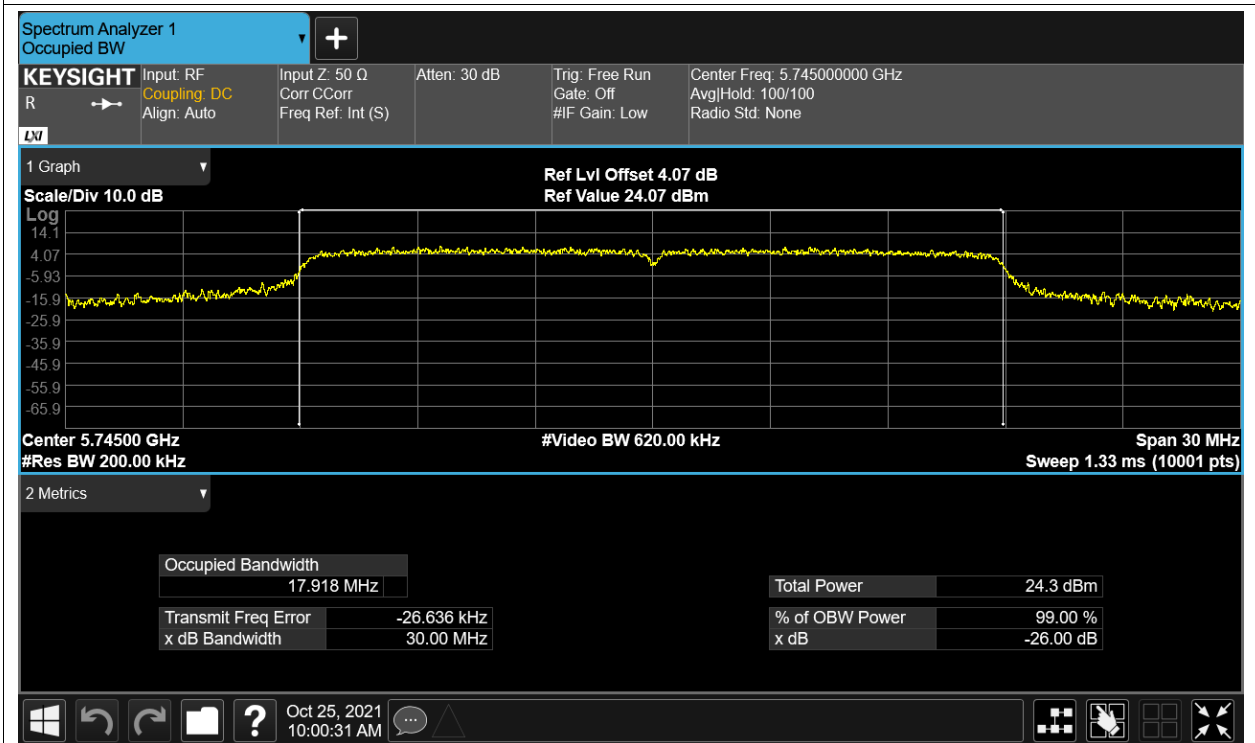
OBW NVNT a 5825MHz Ant2



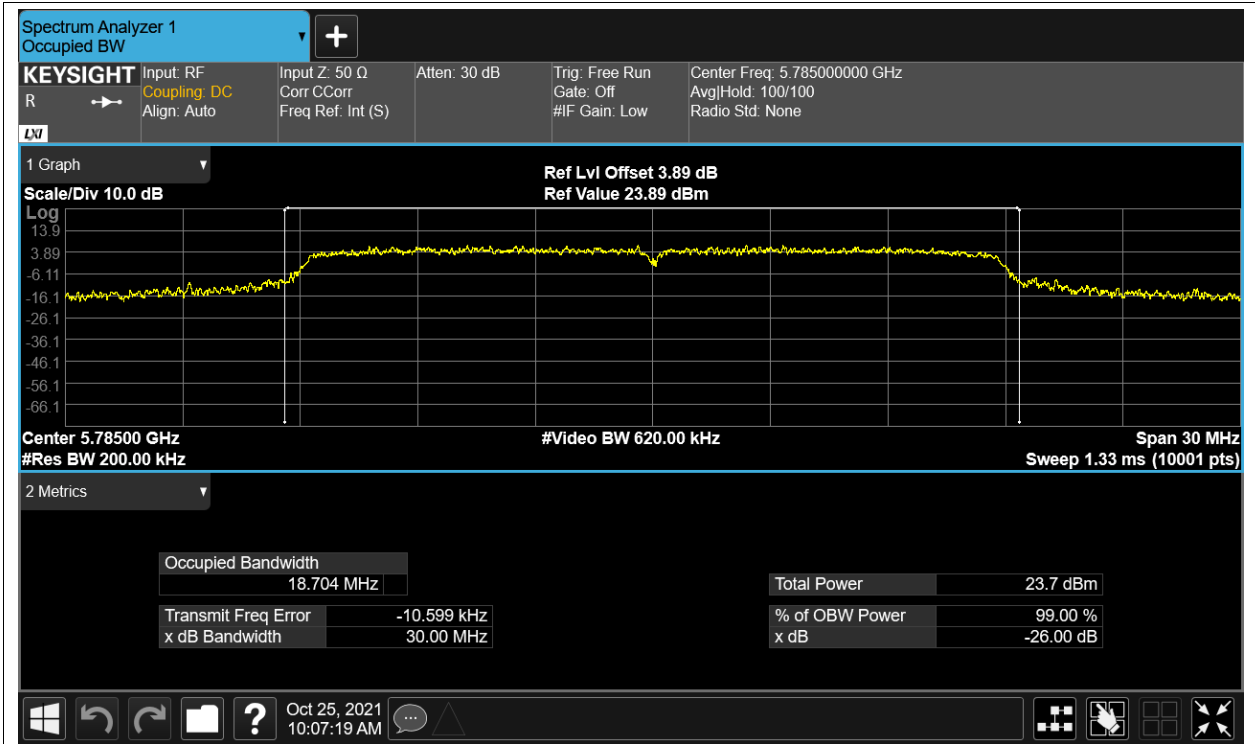
OBW NVNT n20 5745MHz Ant1



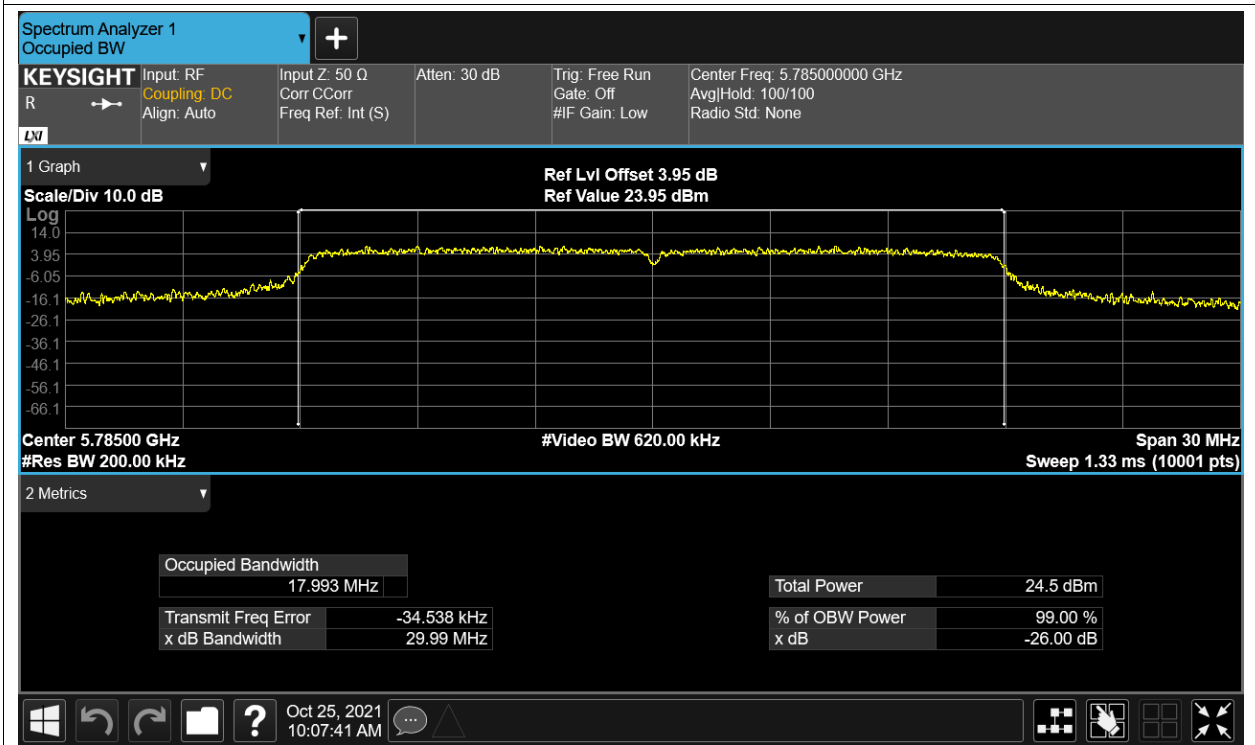
OBW NVNT n20 5745MHz Ant2



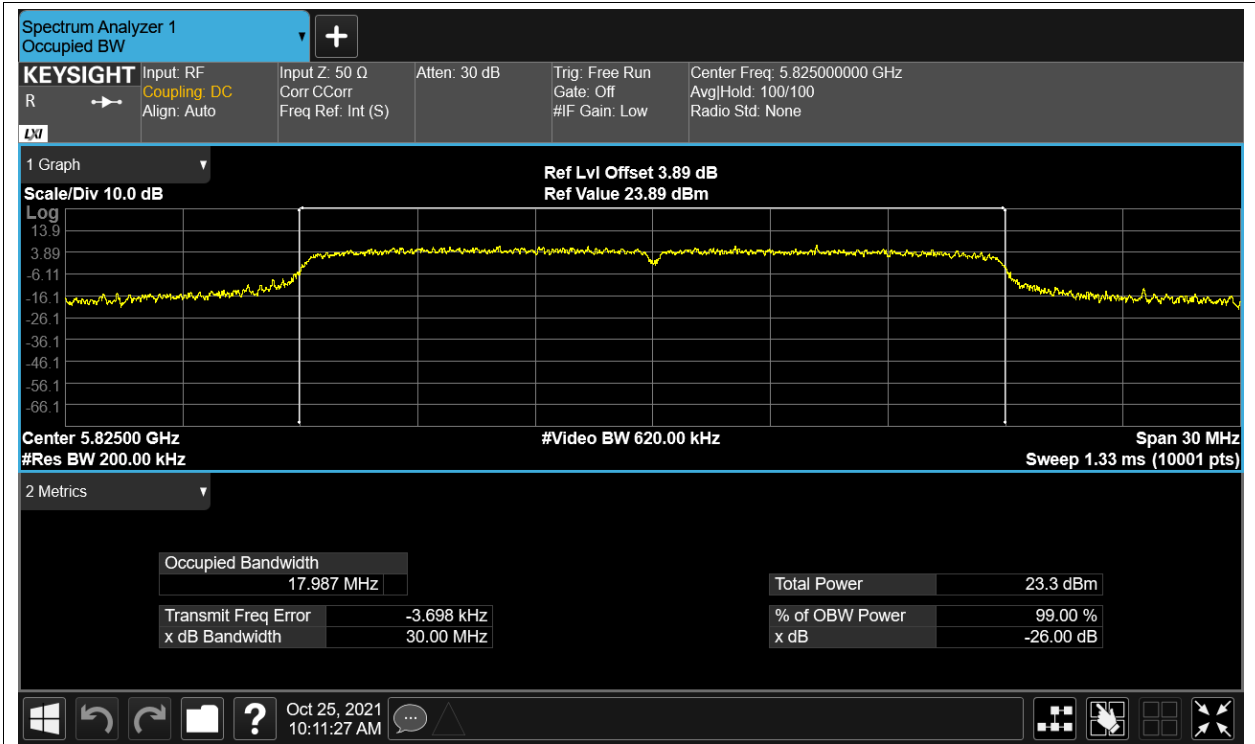
OBW NVNT n20 5785MHz Ant1



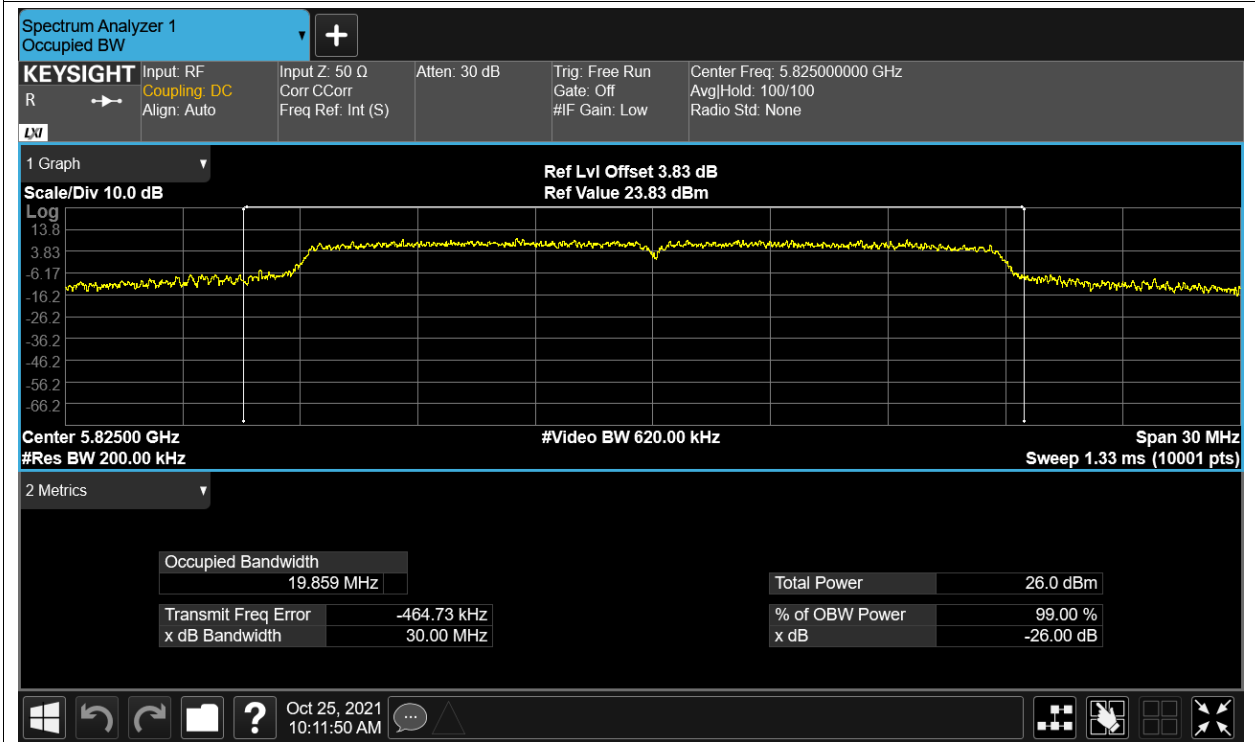
OBW NVNT n20 5785MHz Ant2



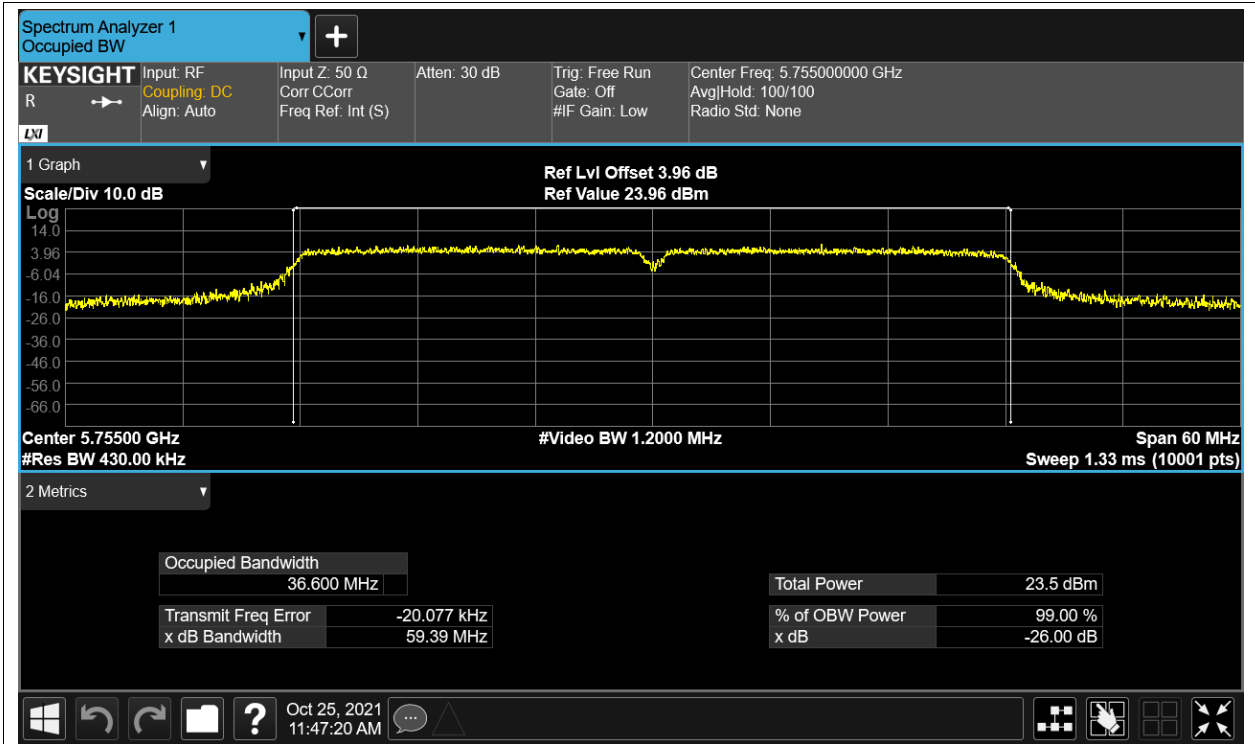
OBW NVNT n20 5825MHz Ant1



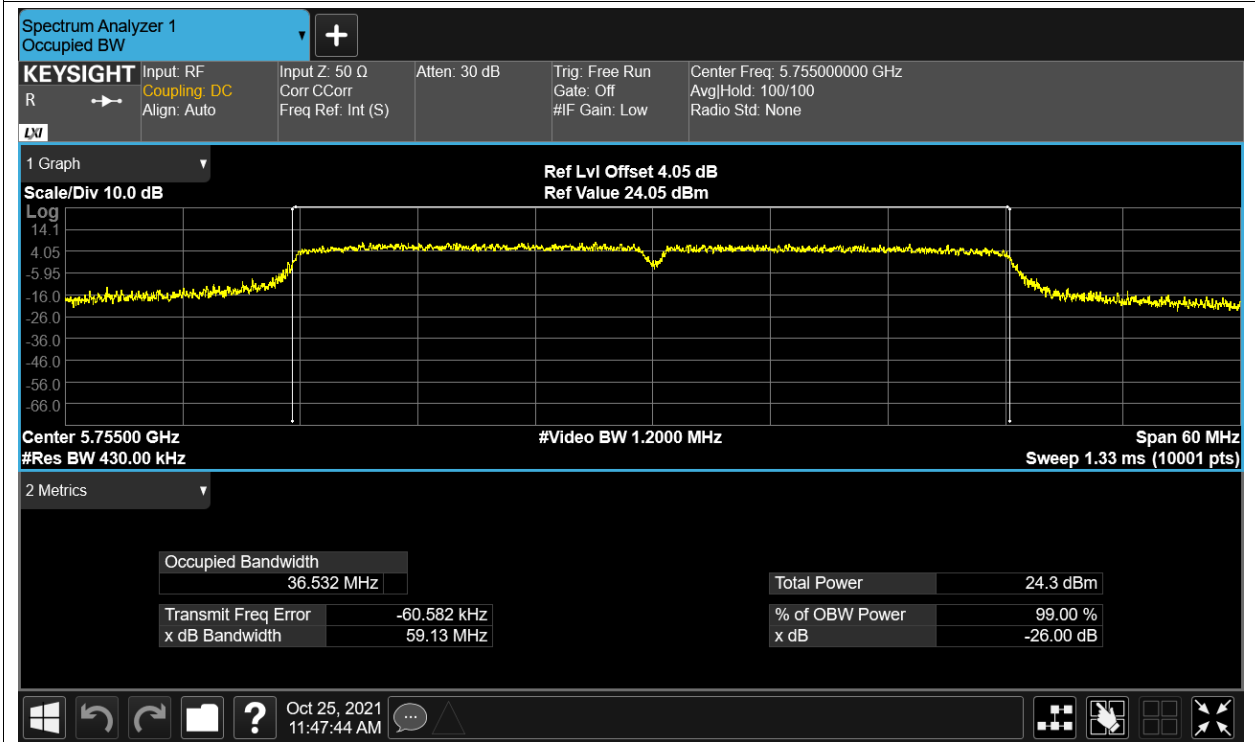
OBW NVNT n20 5825MHz Ant2



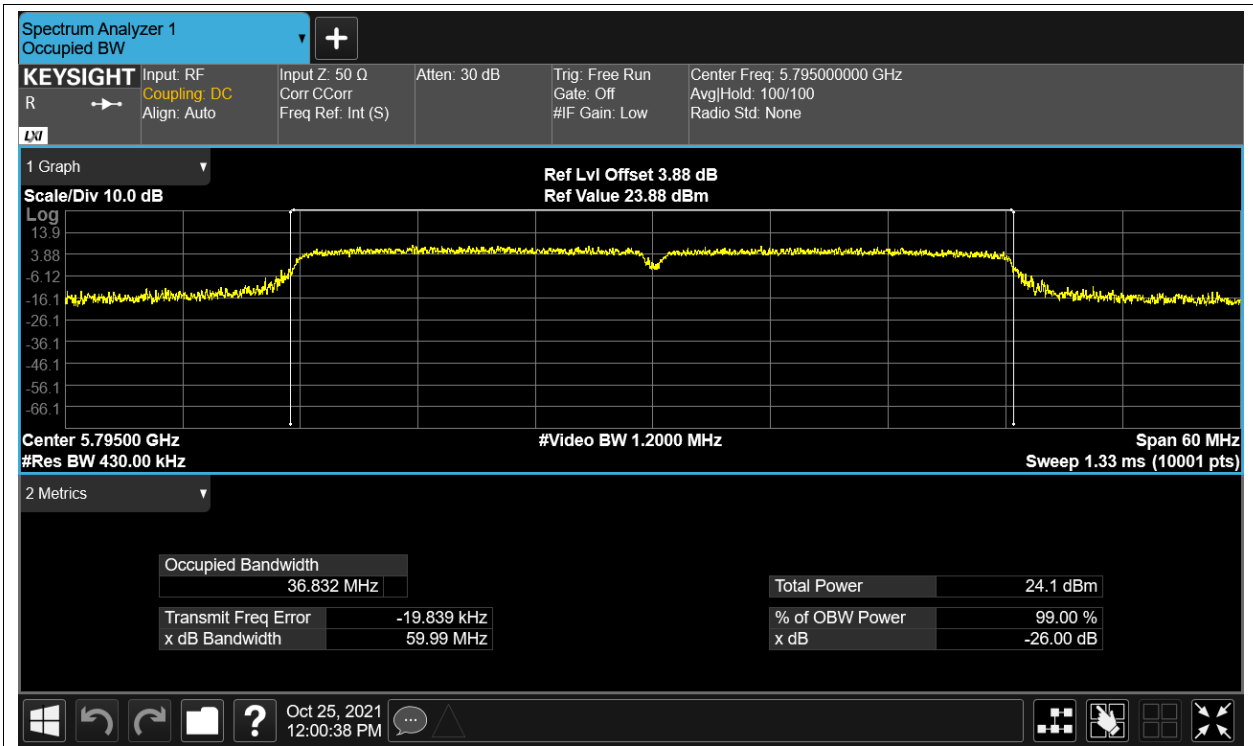
OBW NVNT n40 5755MHz Ant1



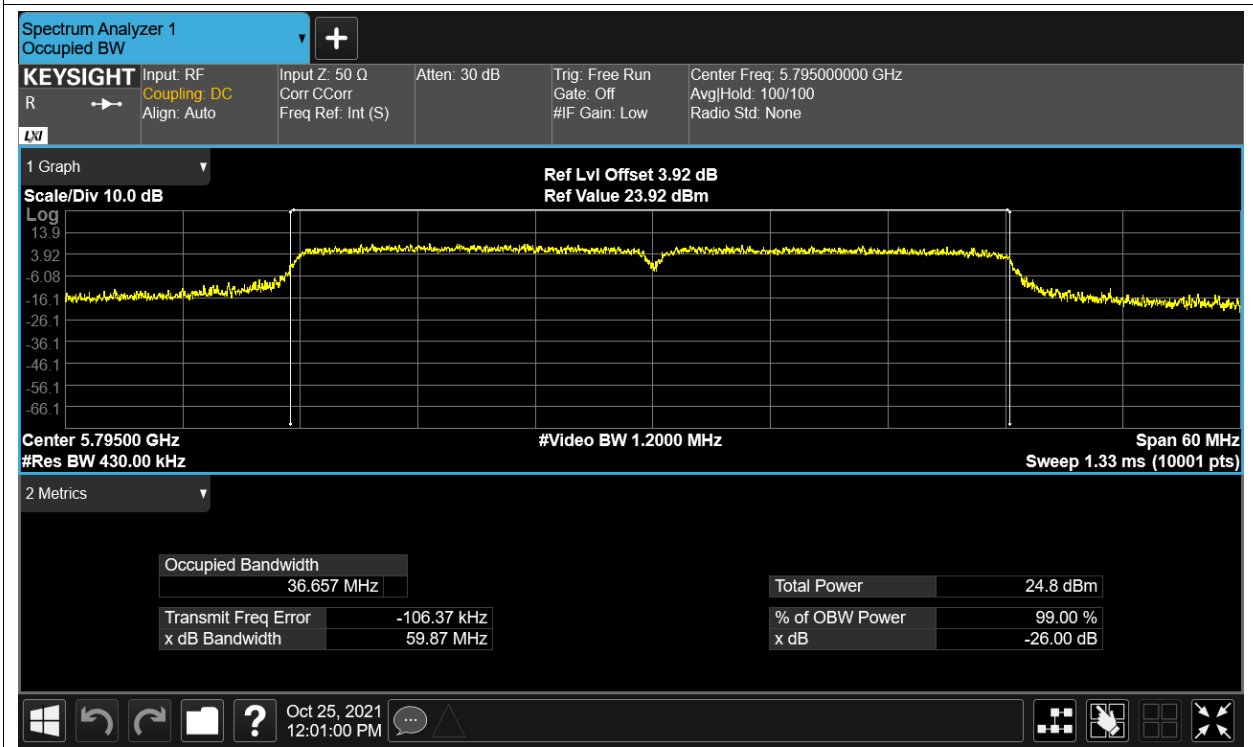
OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5795MHz Ant2

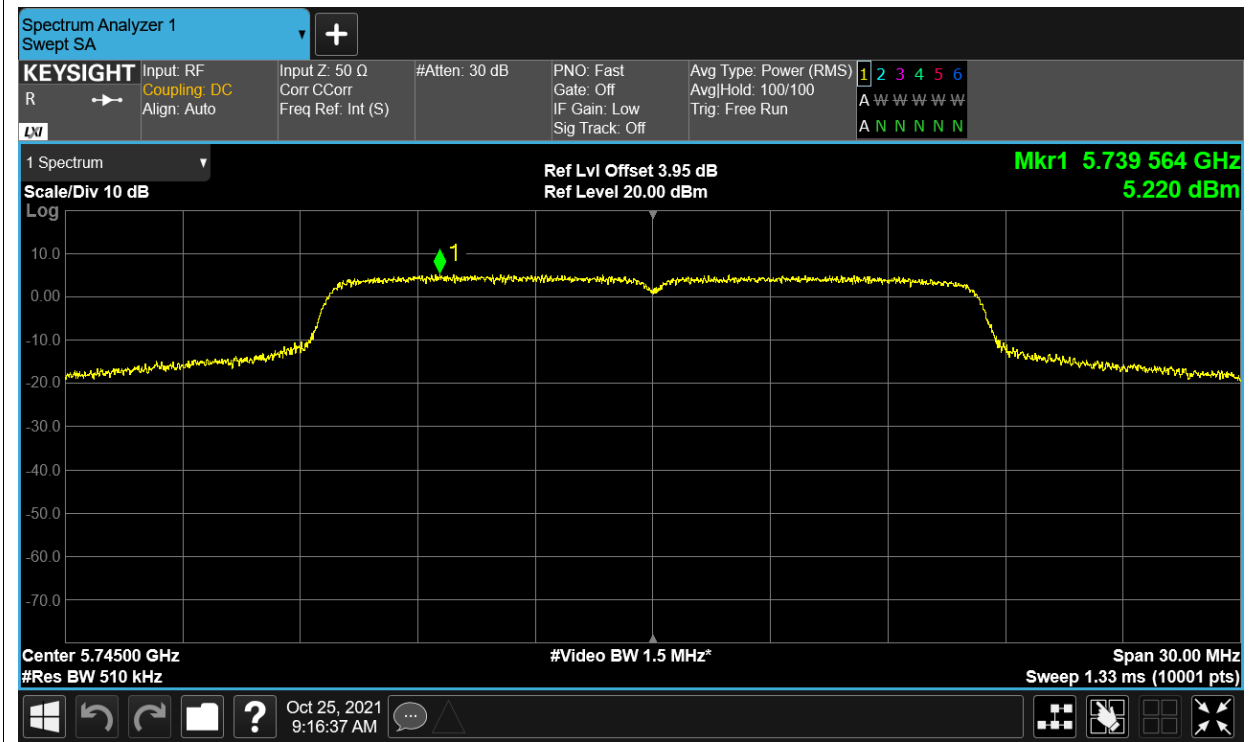


Maximum Power Spectral Density Level

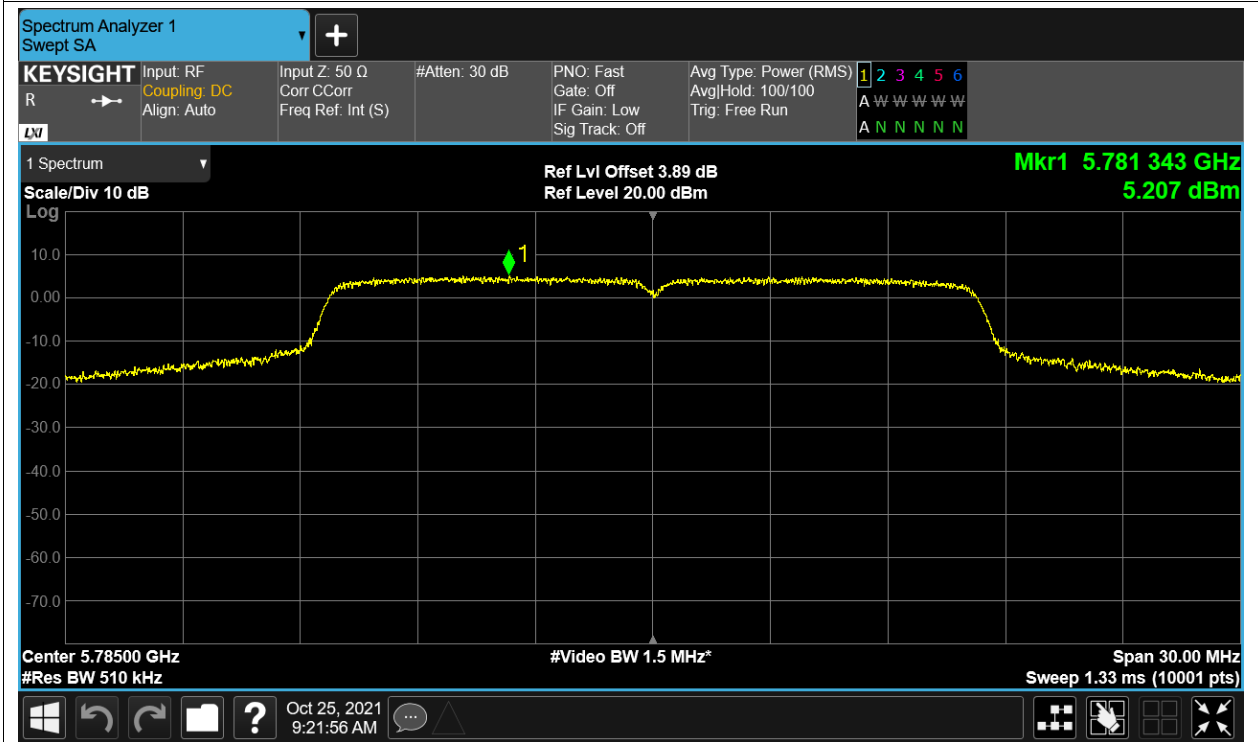
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5.22	30	Pass
NVNT	a	5785	Ant1	5.207	30	Pass
NVNT	a	5825	Ant1	5.406	30	Pass
NVNT	a	5745	Ant2	5.48	30	Pass
NVNT	a	5785	Ant2	5.969	30	Pass
NVNT	a	5825	Ant2	7.626	30	Pass
NVNT	n20	5745	Ant1	3.942	30	Pass
NVNT	n20	5745	Ant2	4.726	30	Pass
NVNT	n20	5745	Sum	7.362	30	Pass
NVNT	n20	5785	Ant1	3.893	30	Pass
NVNT	n20	5785	Ant2	4.811	30	Pass
NVNT	n20	5785	Sum	7.387	30	Pass
NVNT	n20	5825	Ant1	3.601	30	Pass
NVNT	n20	5825	Ant2	6.675	30	Pass
NVNT	n20	5825	Sum	8.415	30	Pass
NVNT	n40	5755	Ant1	1.269	30	Pass
NVNT	n40	5755	Ant2	2.14	30	Pass
NVNT	n40	5755	Sum	4.737	30	Pass
NVNT	n40	5795	Ant1	1.494	30	Pass
NVNT	n40	5795	Ant2	2.387	30	Pass
NVNT	n40	5795	Sum	4.974	30	Pass

Test Graphs

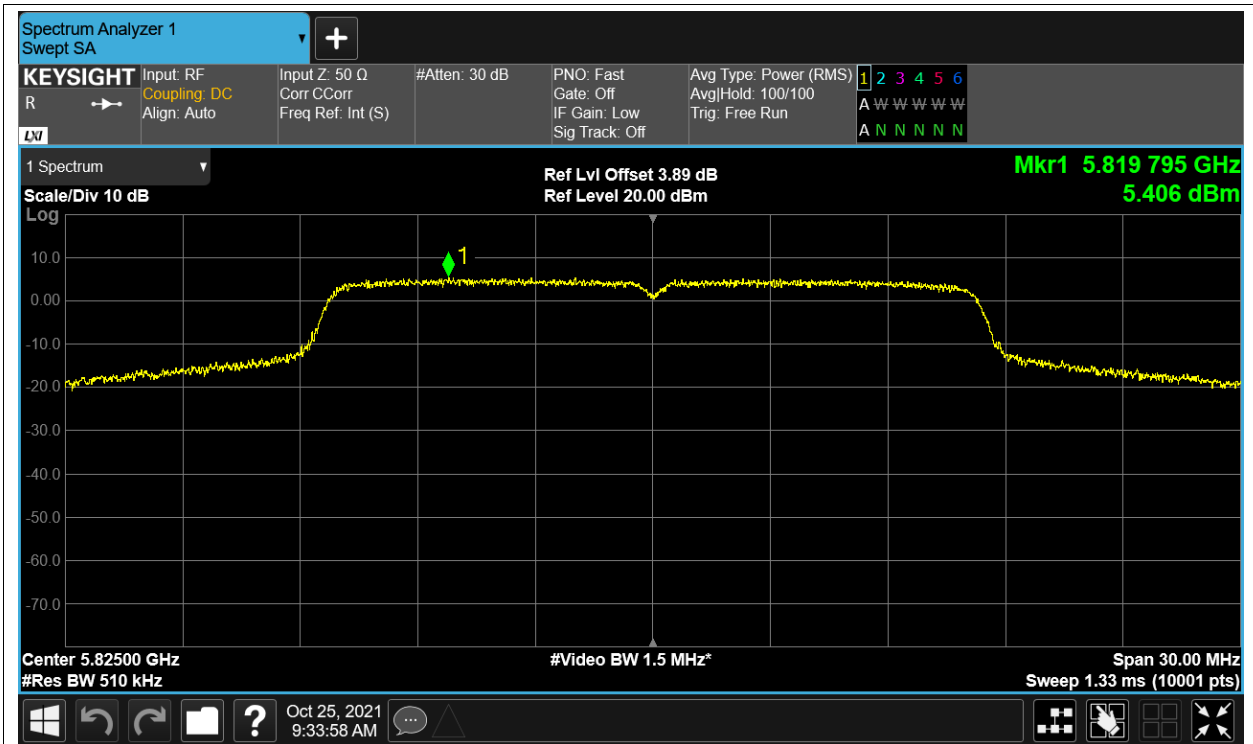
PSD NVNT a 5745MHz Ant1



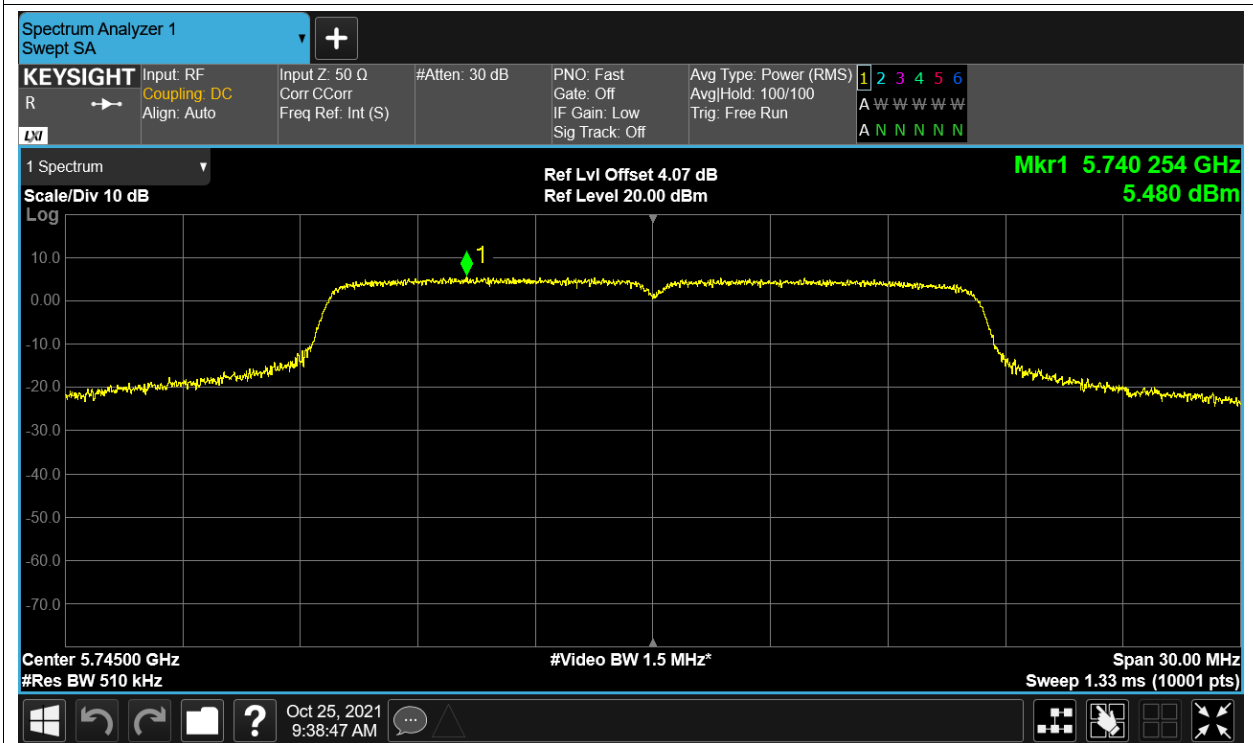
PSD NVNT a 5785MHz Ant1



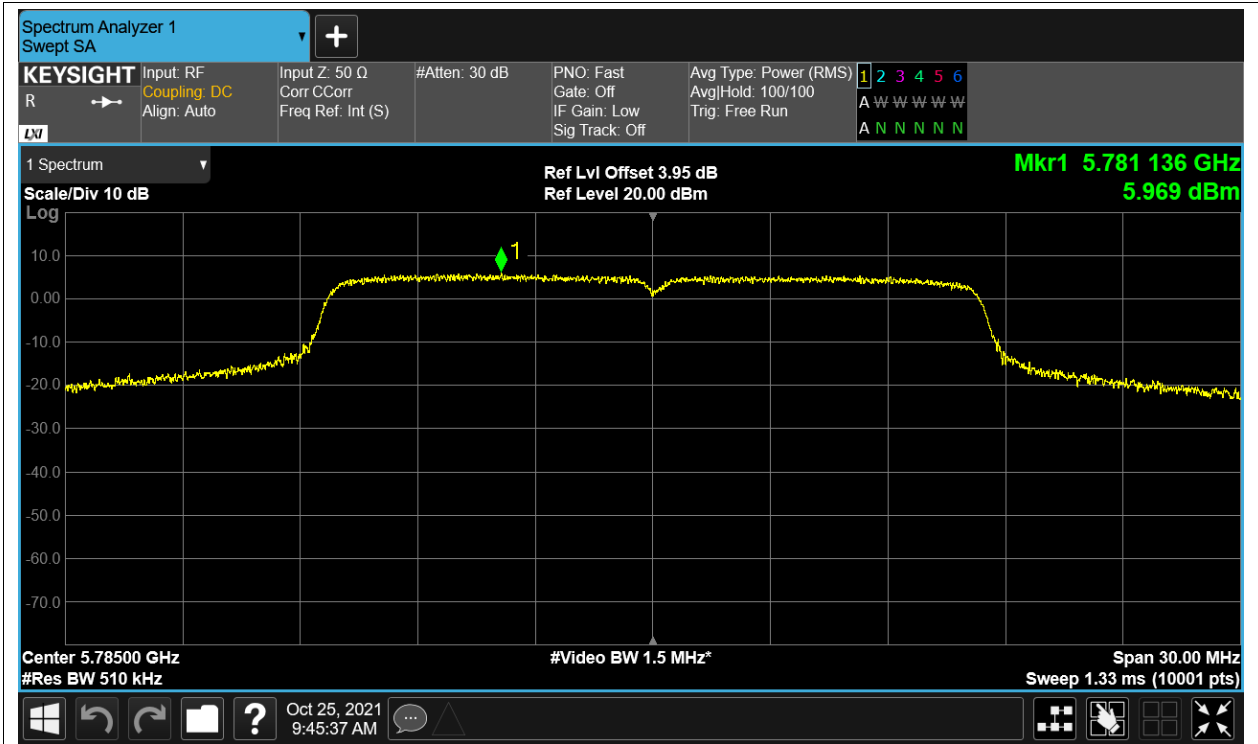
PSD NVNT a 5825MHz Ant1



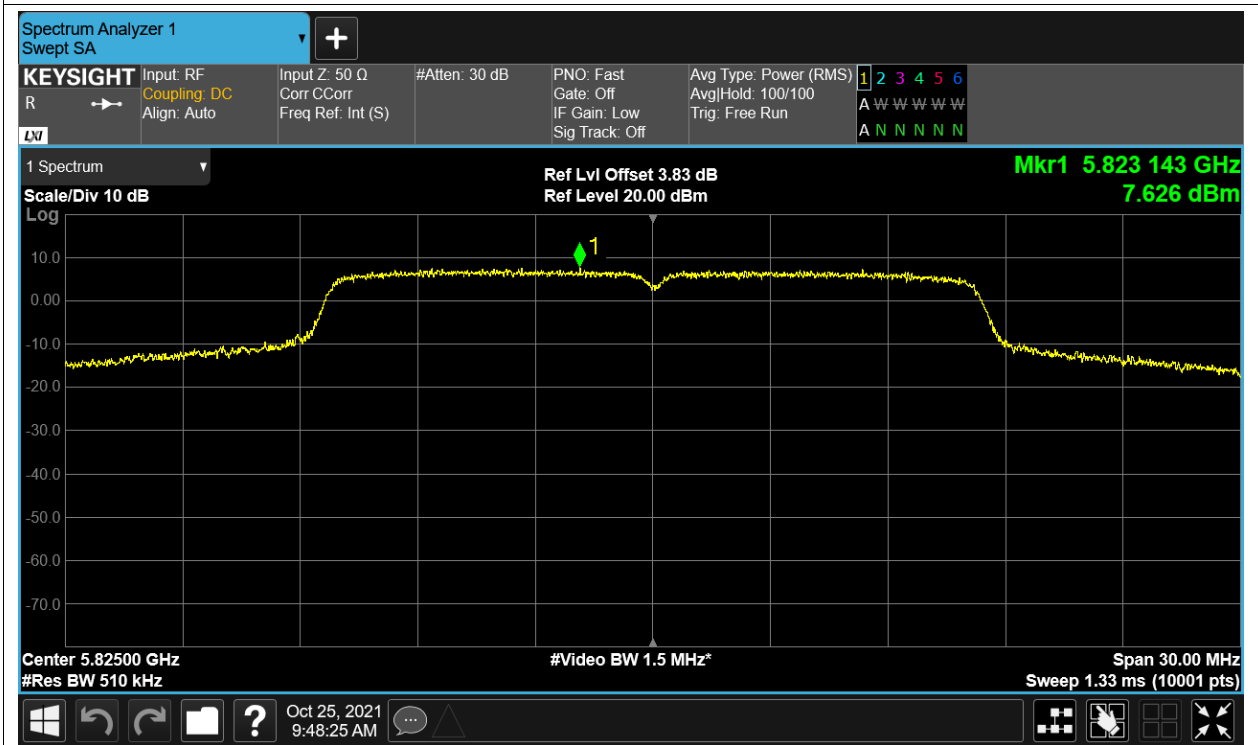
PSD NVNT a 5745MHz Ant2



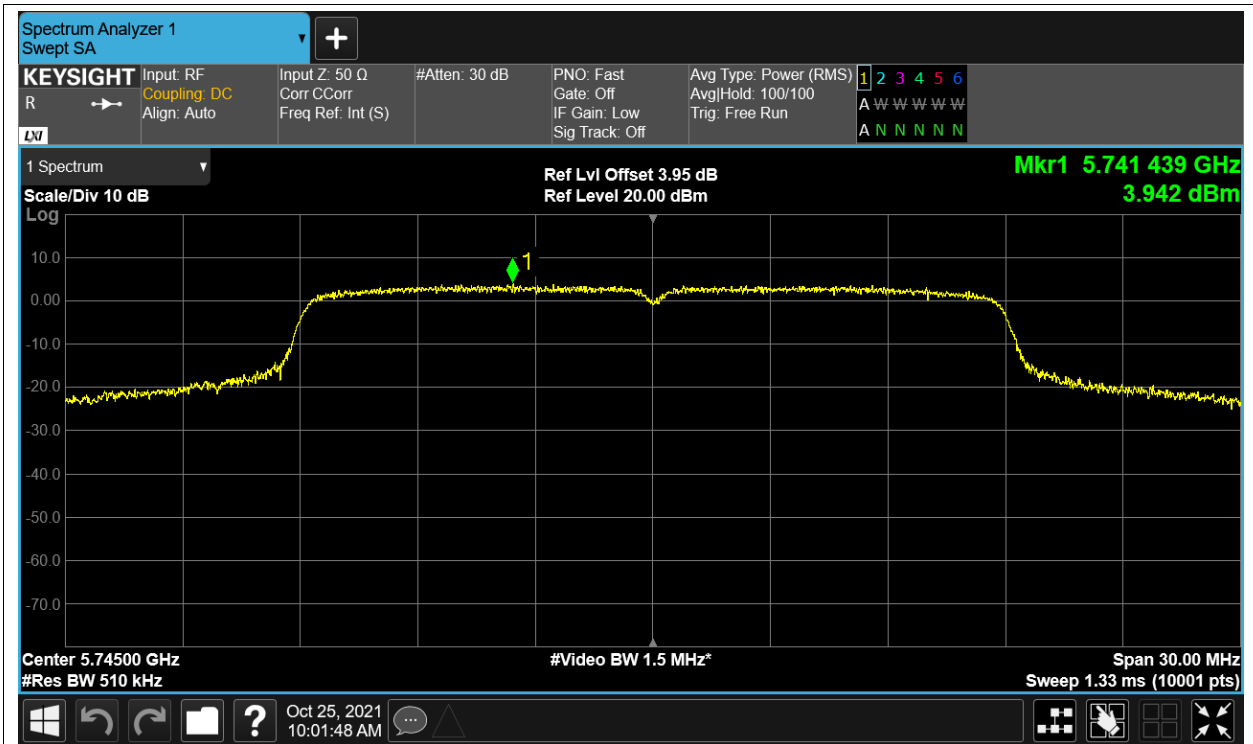
PSD NVNT a 5785MHz Ant2



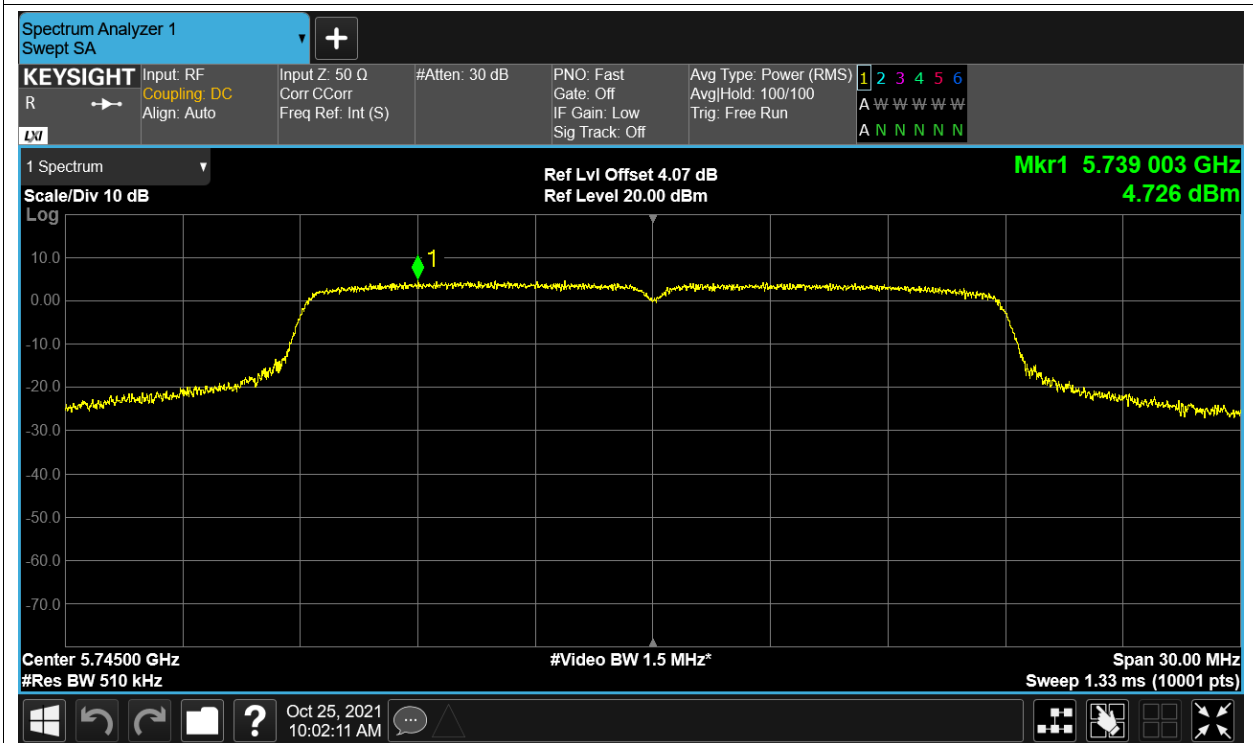
PSD NVNT a 5825MHz Ant2



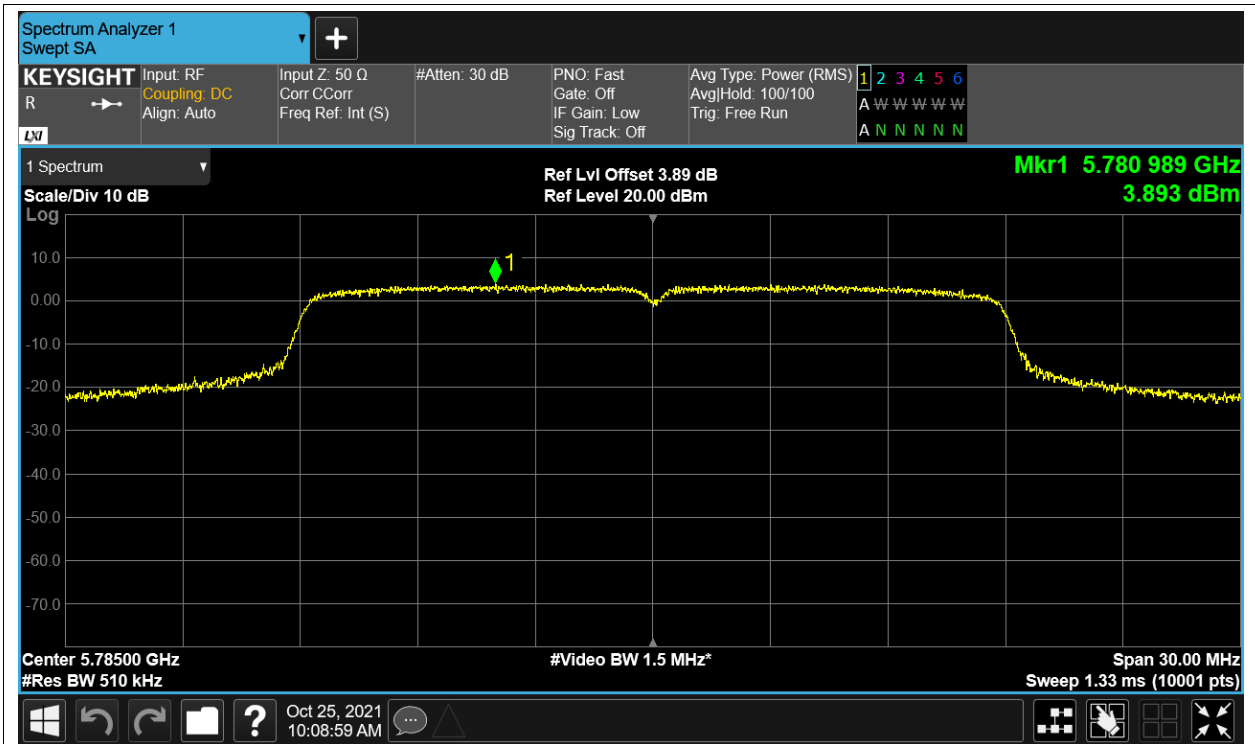
PSD NVNT n20 5745MHz Ant1



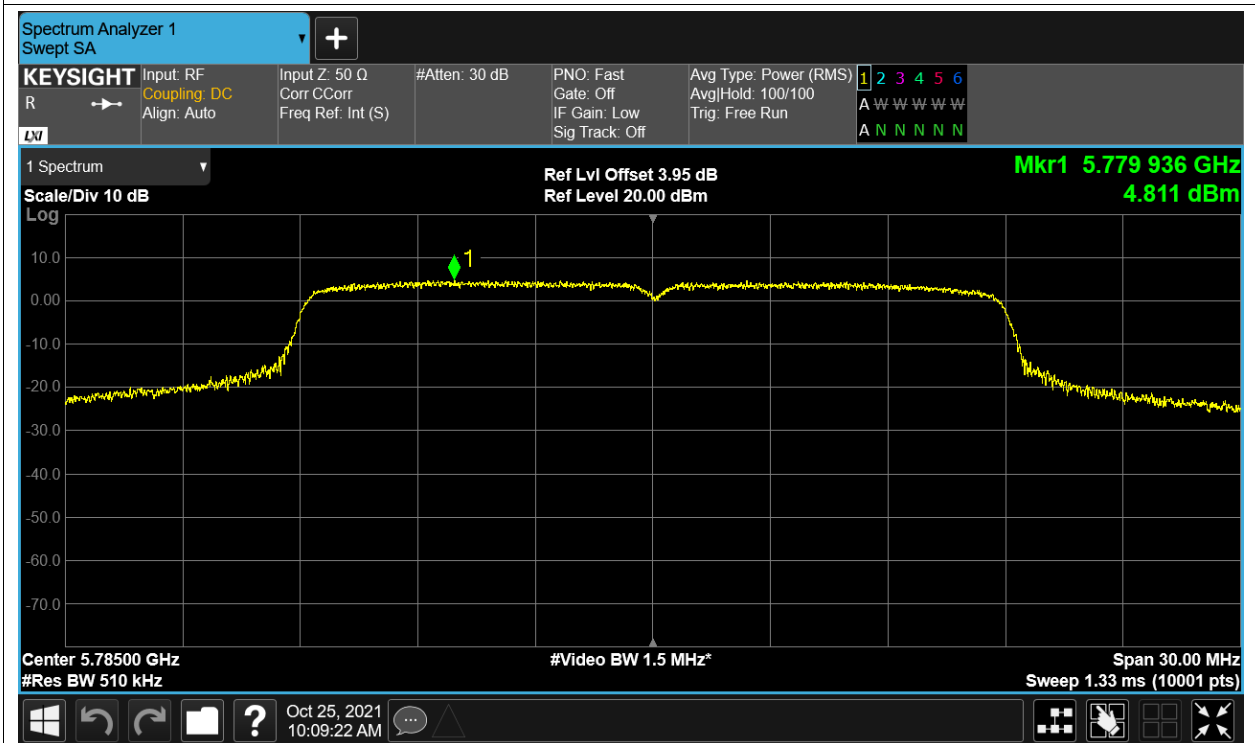
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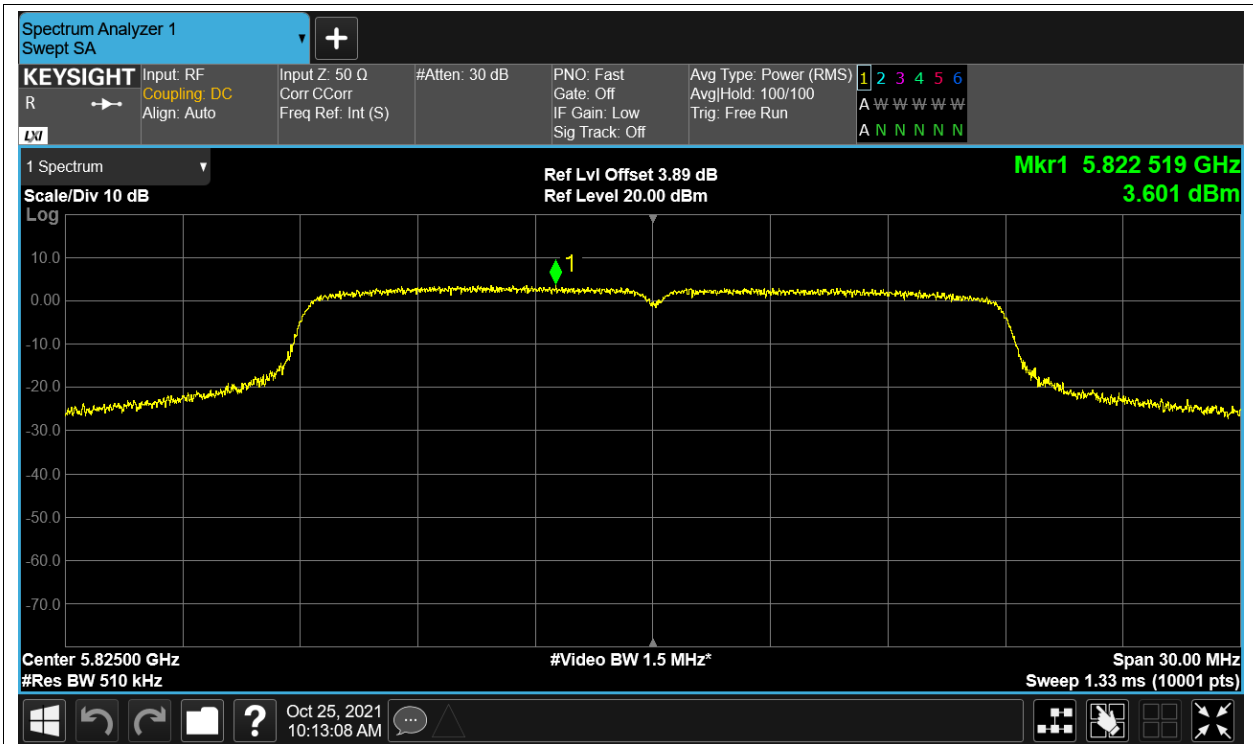
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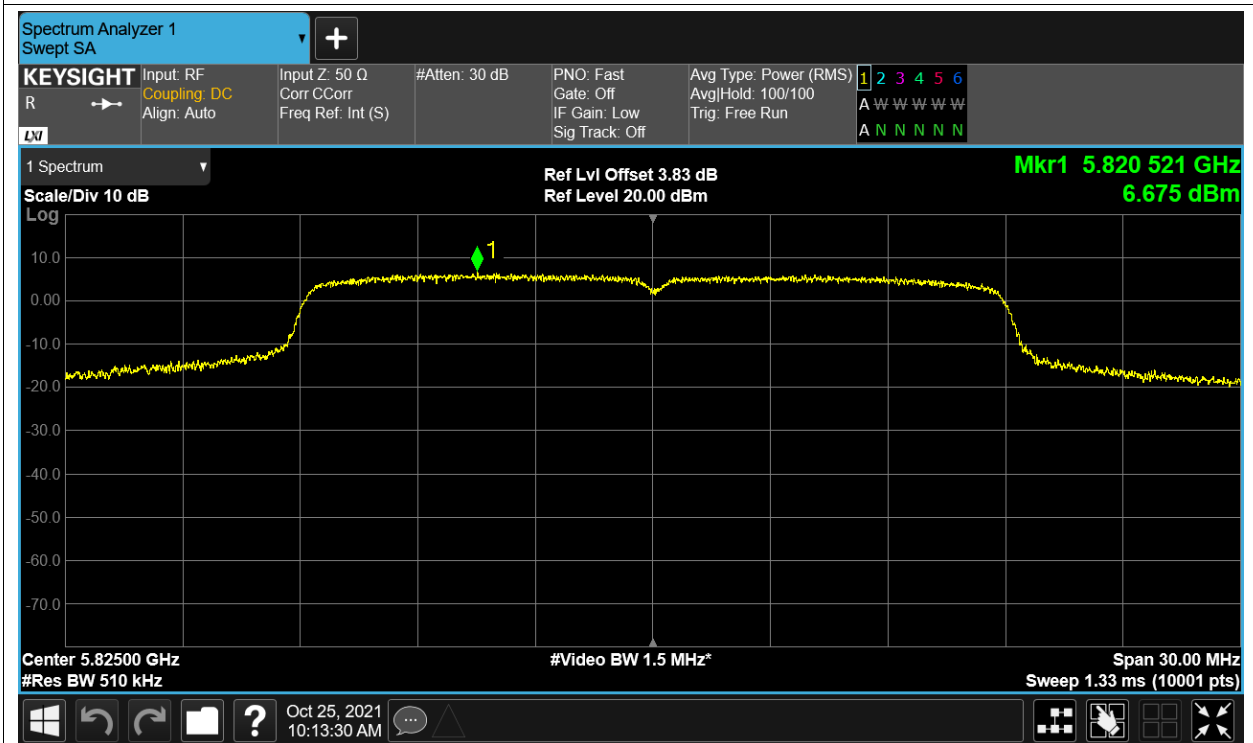
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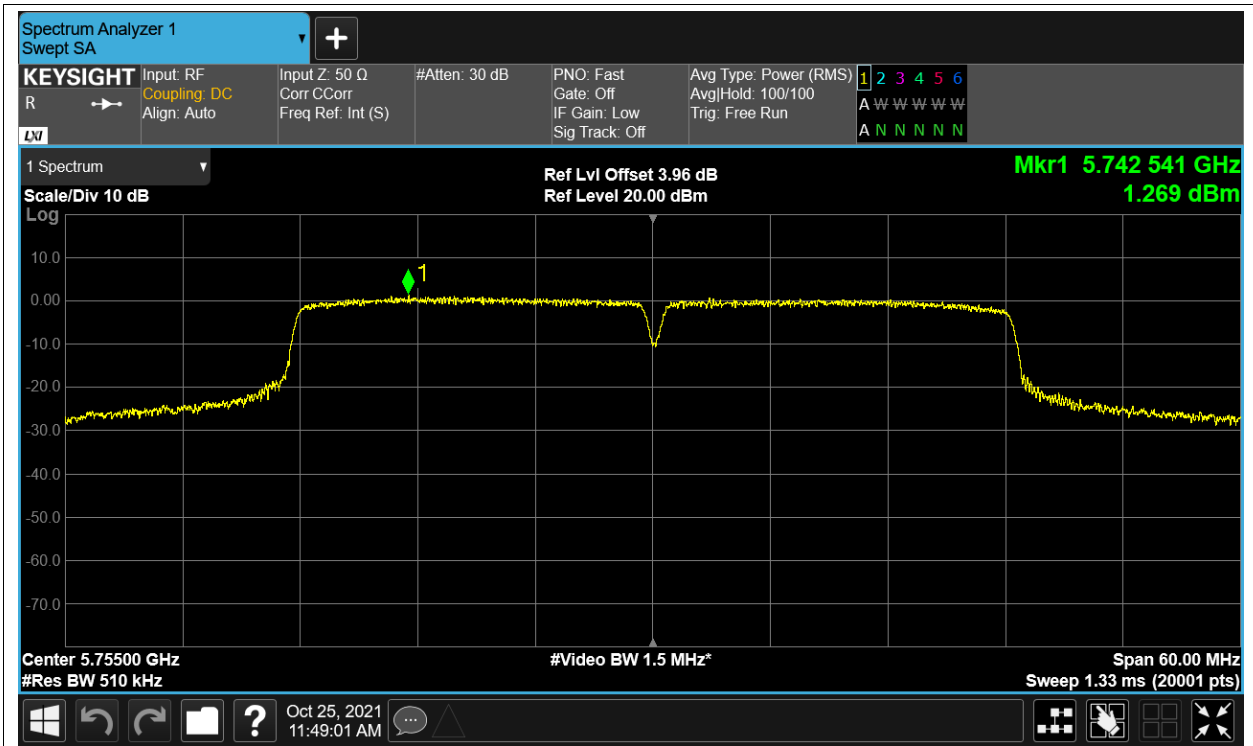
PSD NVNT n20 5825MHz Ant1



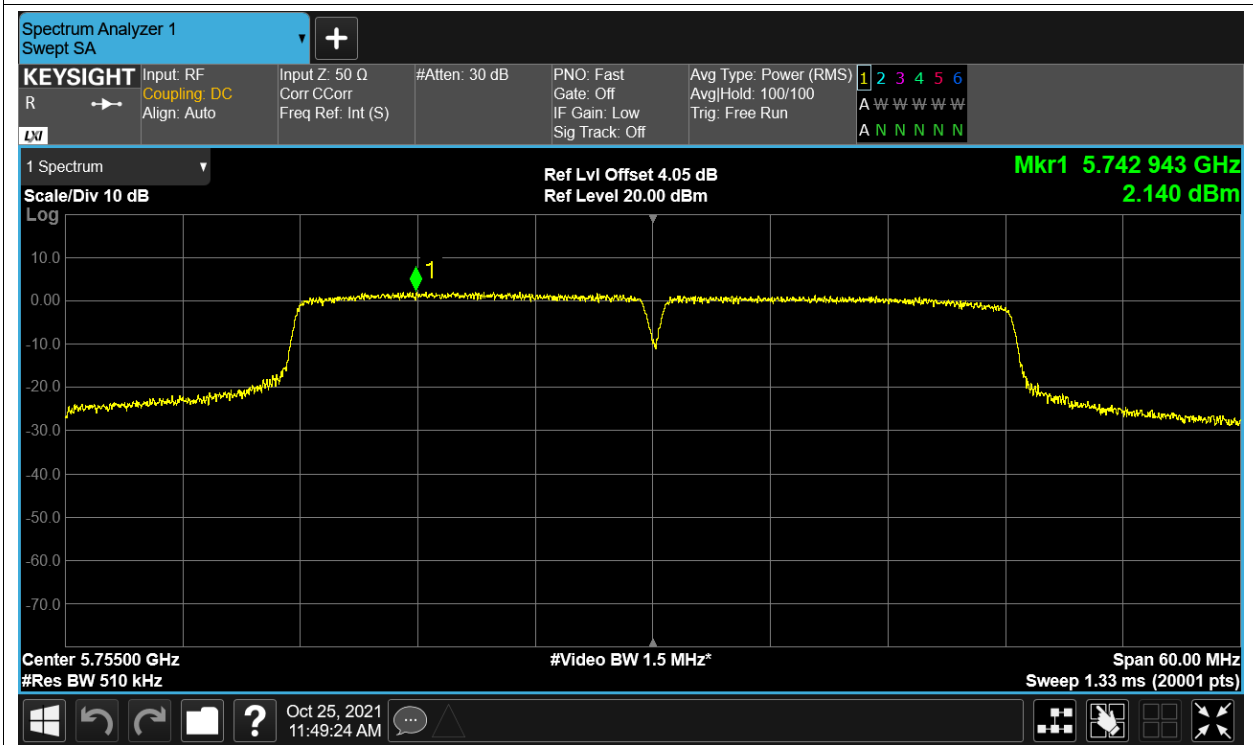
PSD NVNT n20 5825MHz Ant2



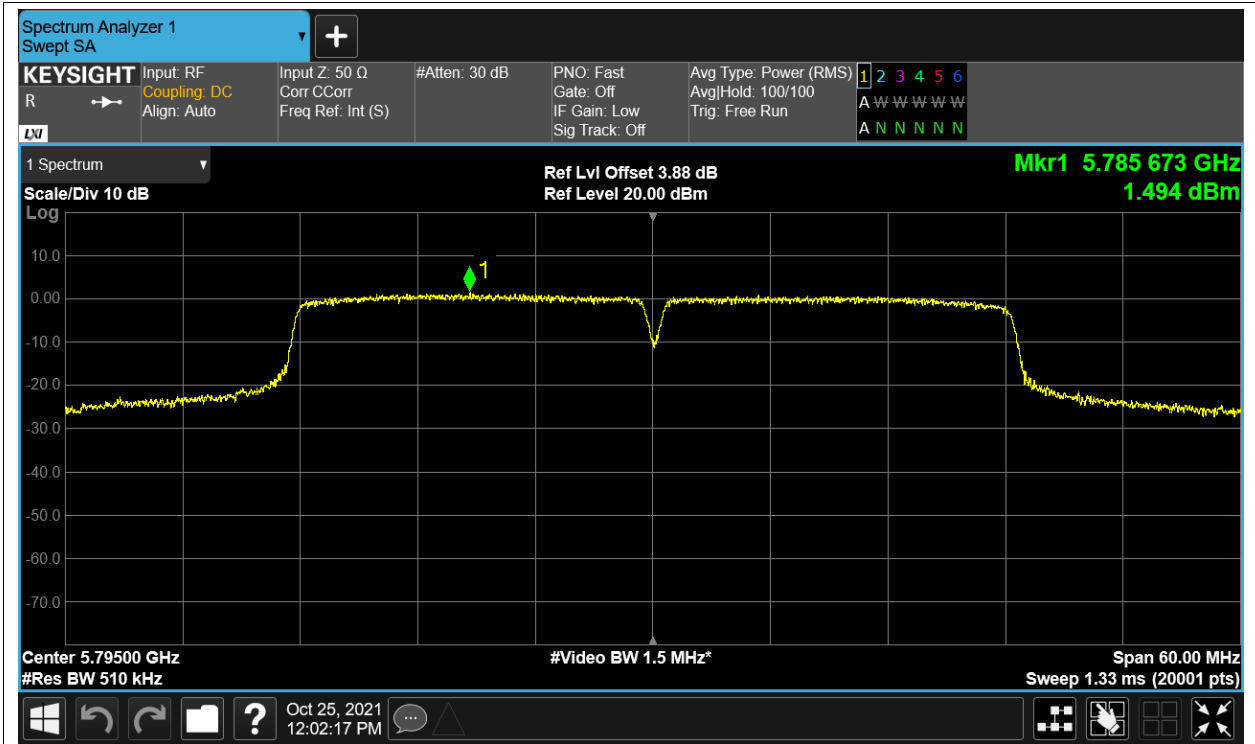
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

