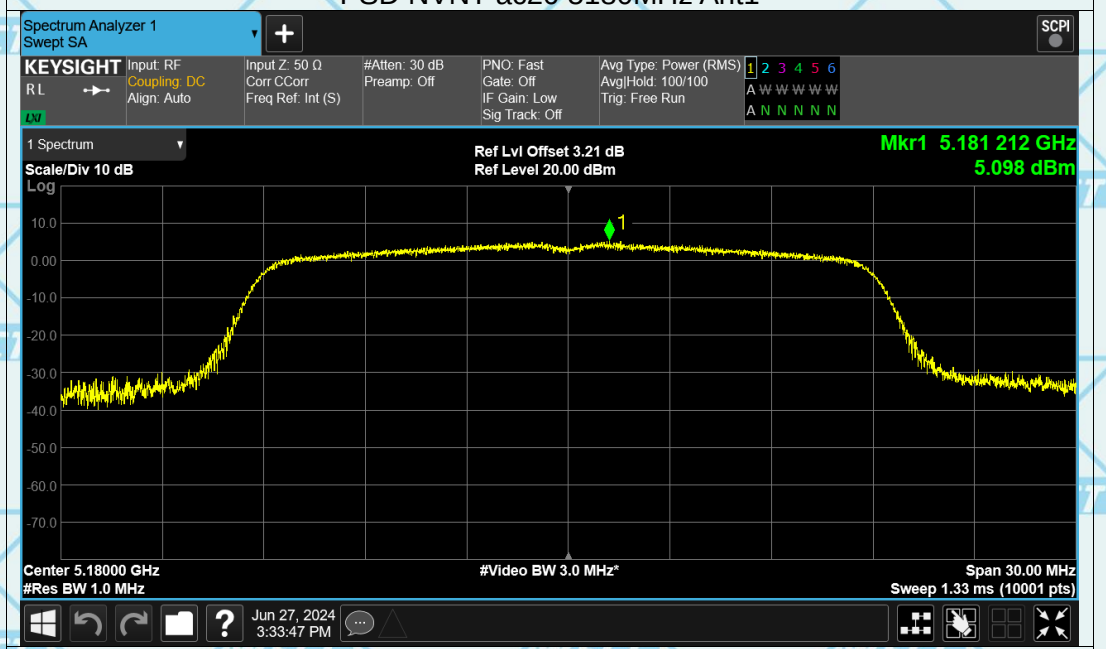
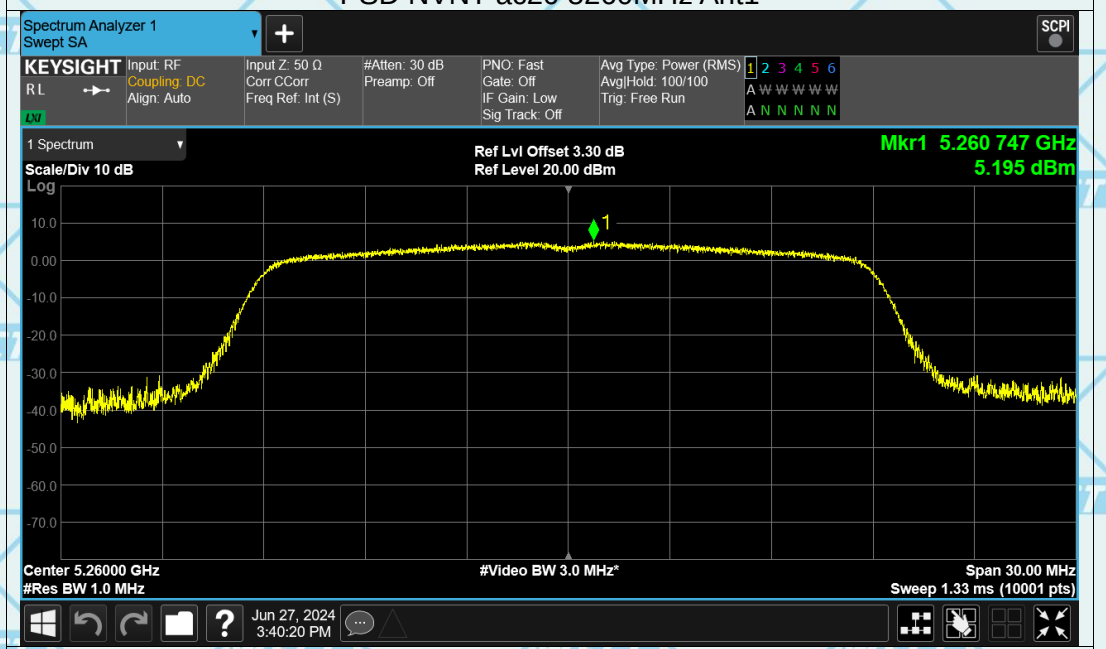
PSD NVNT ac20 5180MHz Ant1



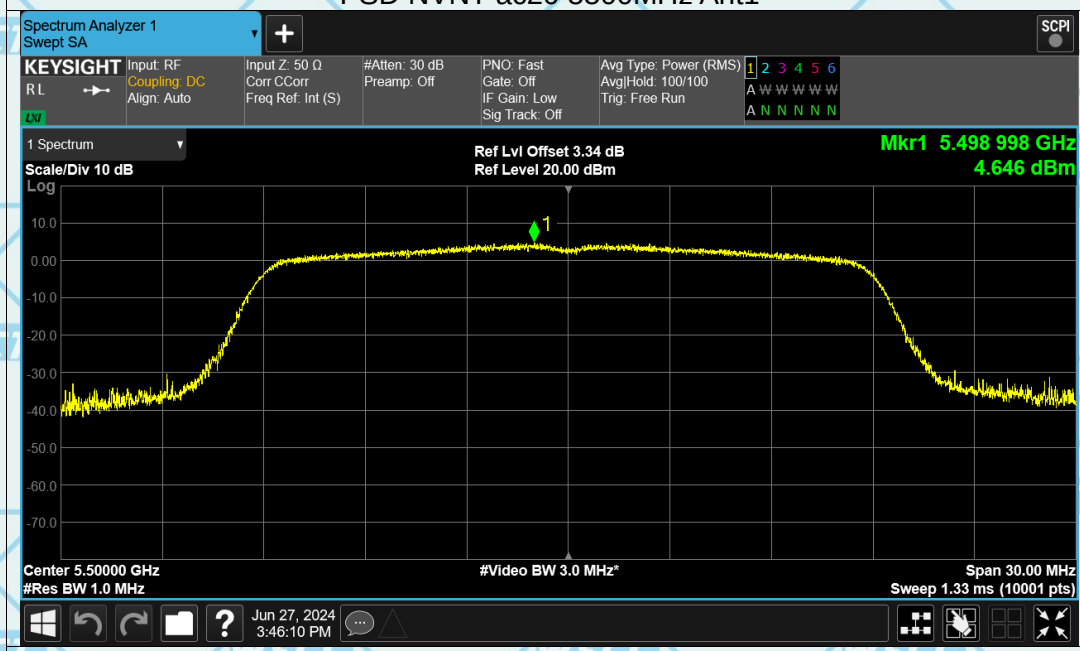
PSD NVNT ac20 5240MHz Ant1

PSD NVNT ac20 5260MHz Ant1

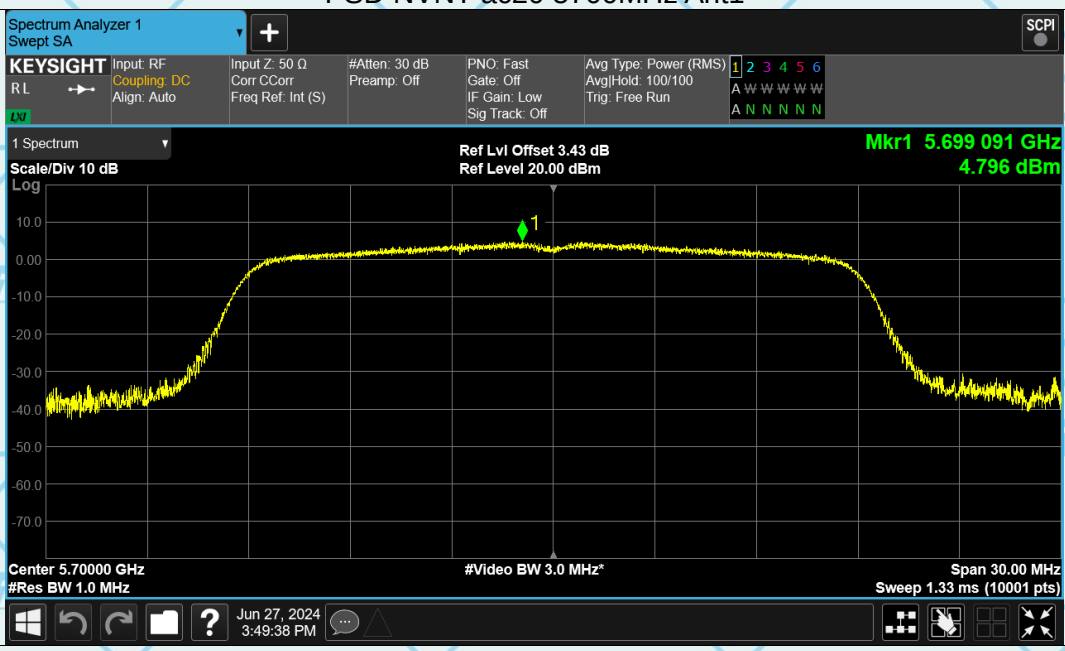


PSD NVNT ac20 5320MHz Ant1

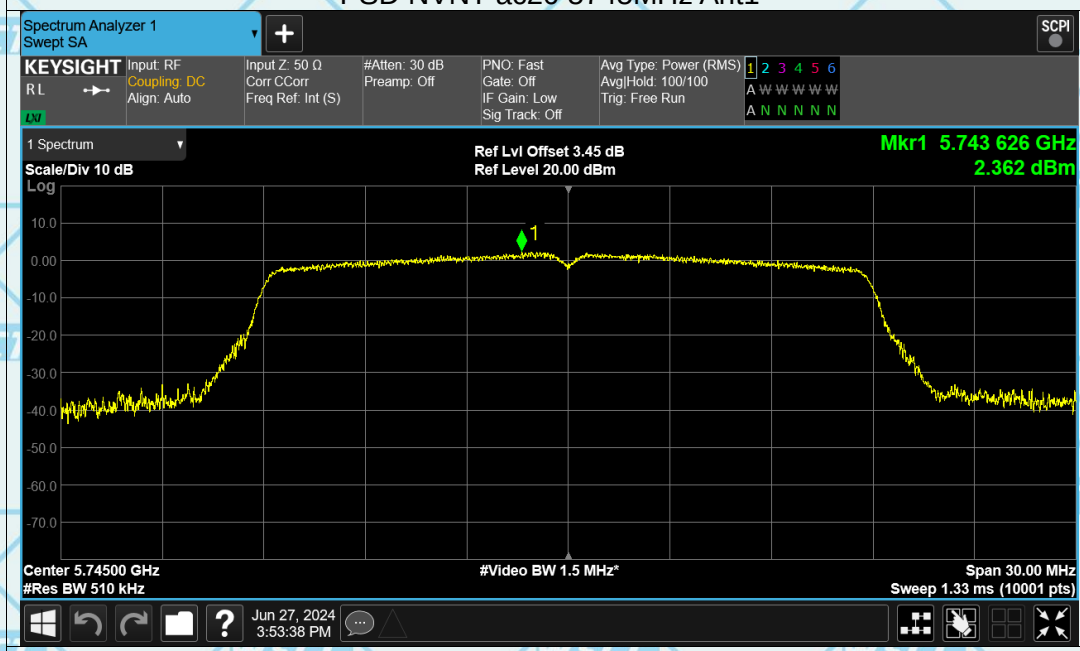
PSD NVNT ac20 5500MHz Ant1



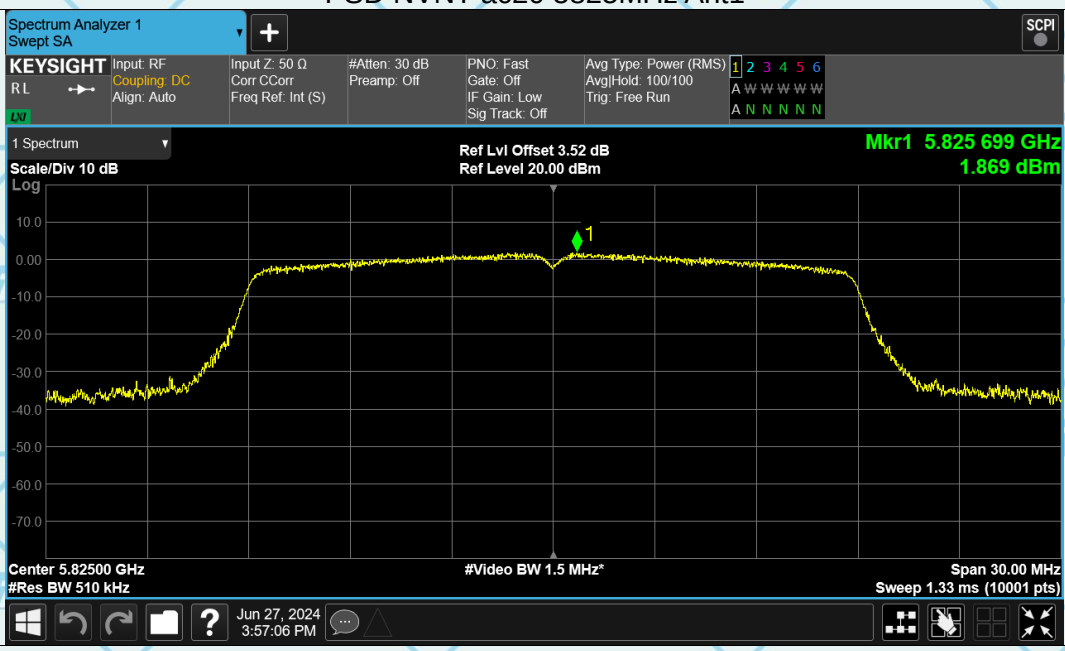
PSD NVNT ac20 5700MHz Ant1



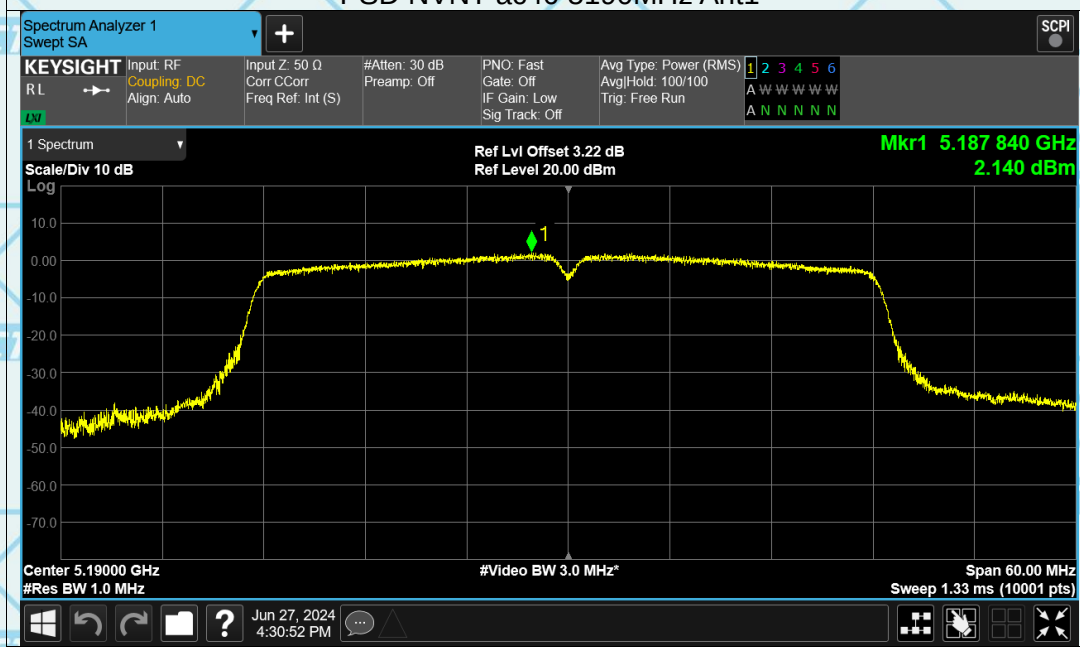
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



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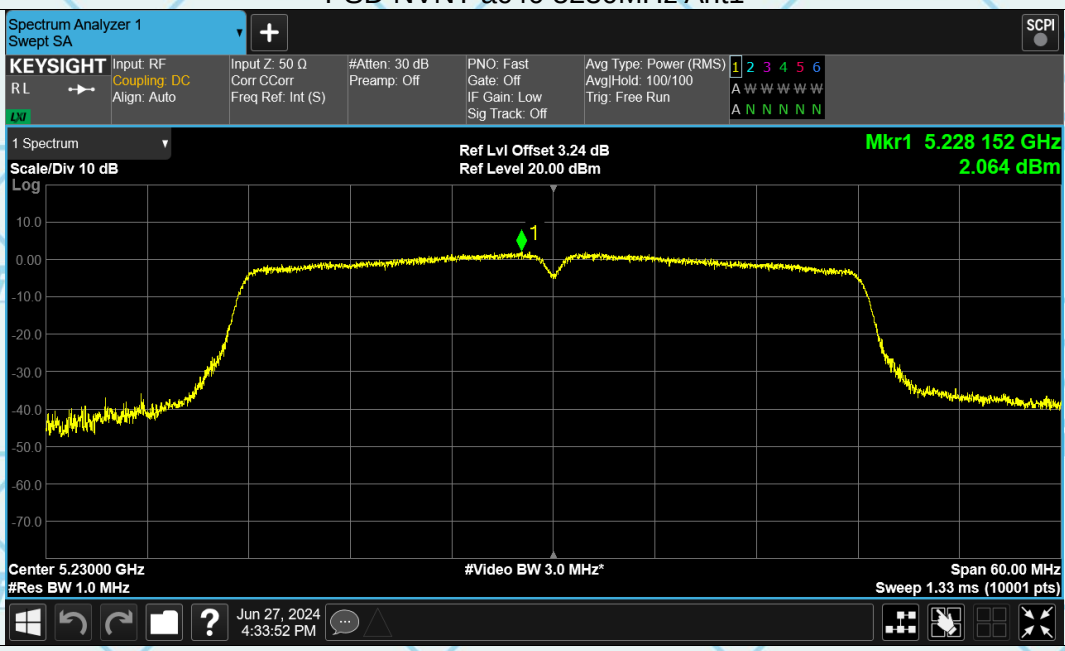

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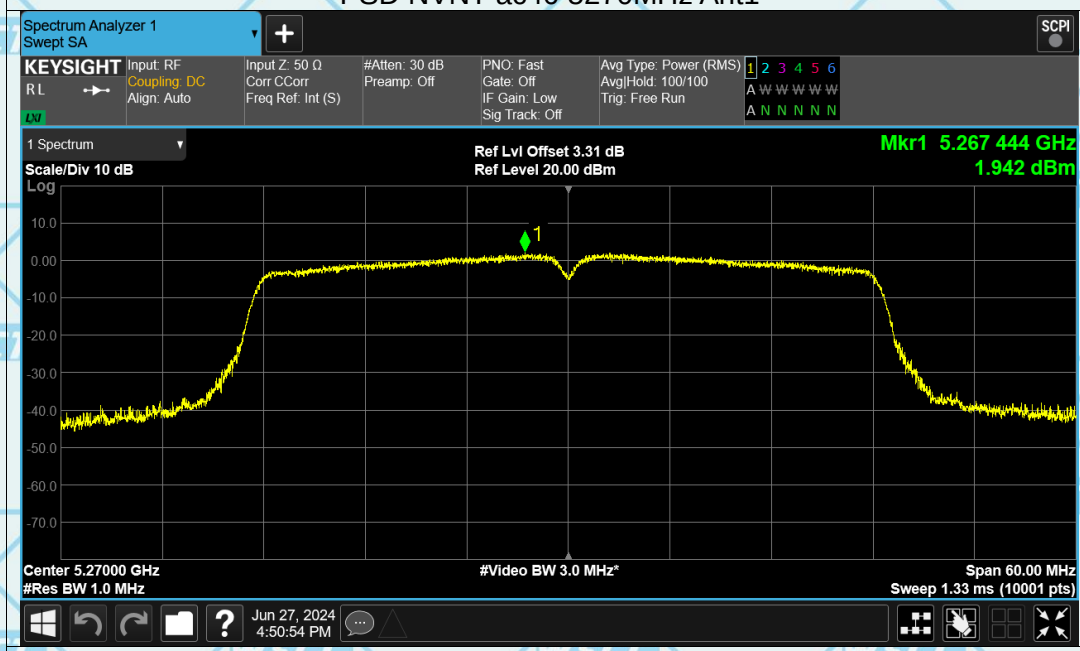

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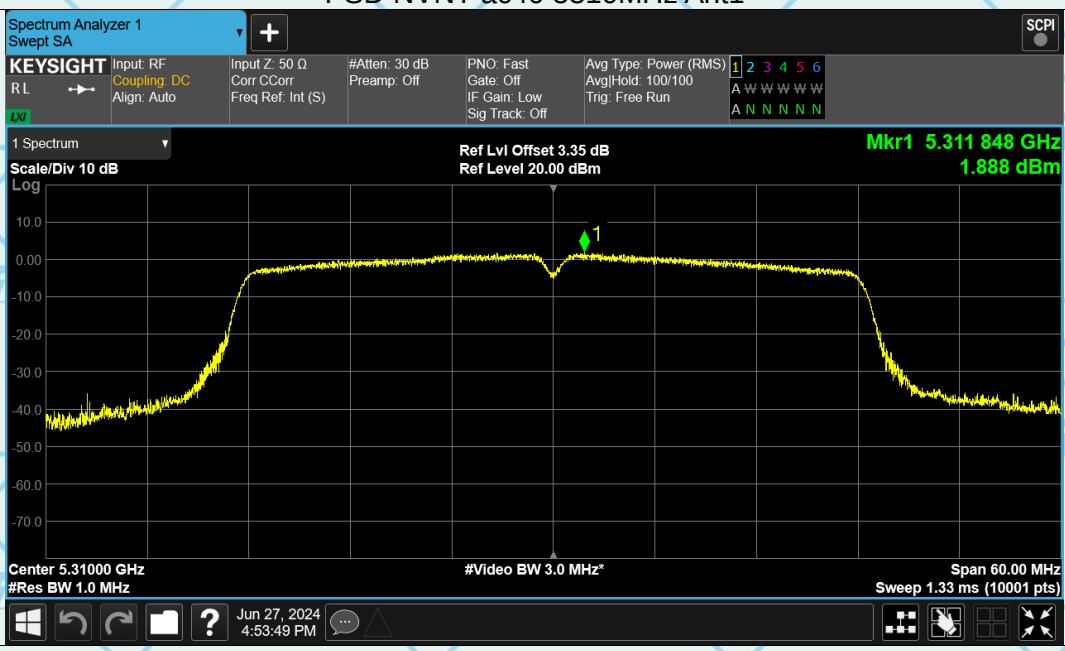
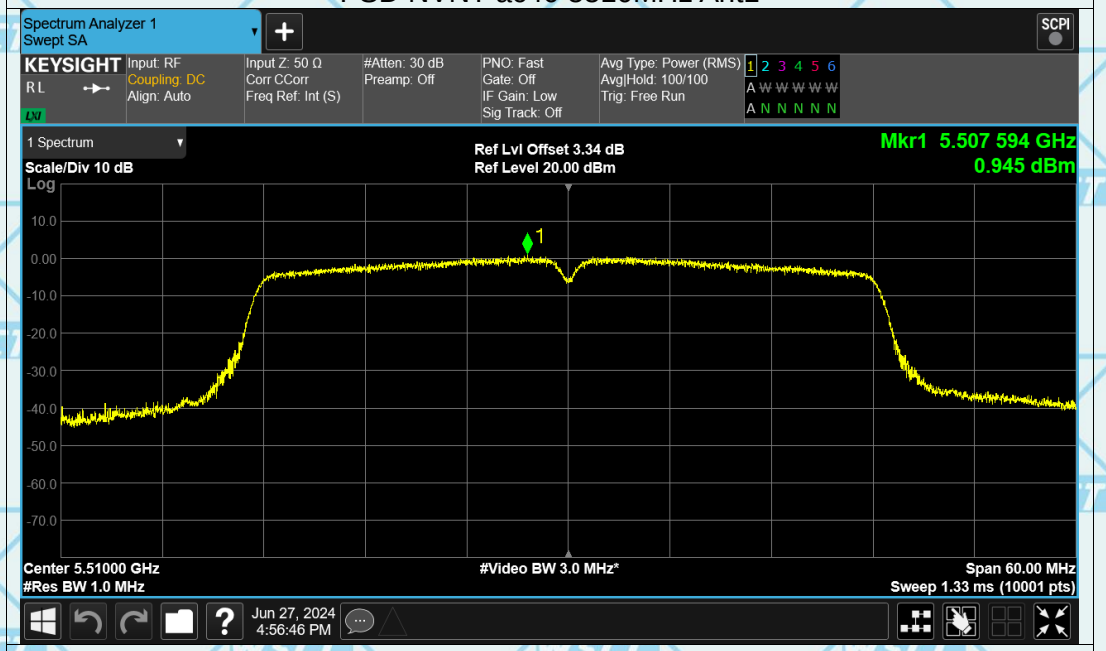


PSD NVNT ac40 5510MHz Ant1



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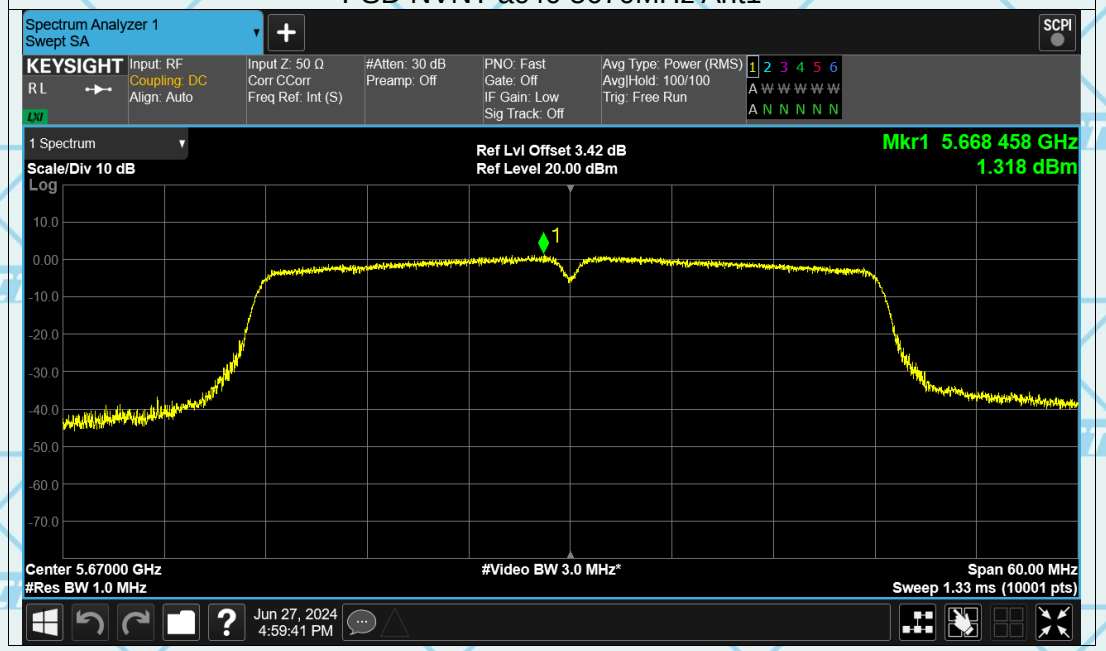

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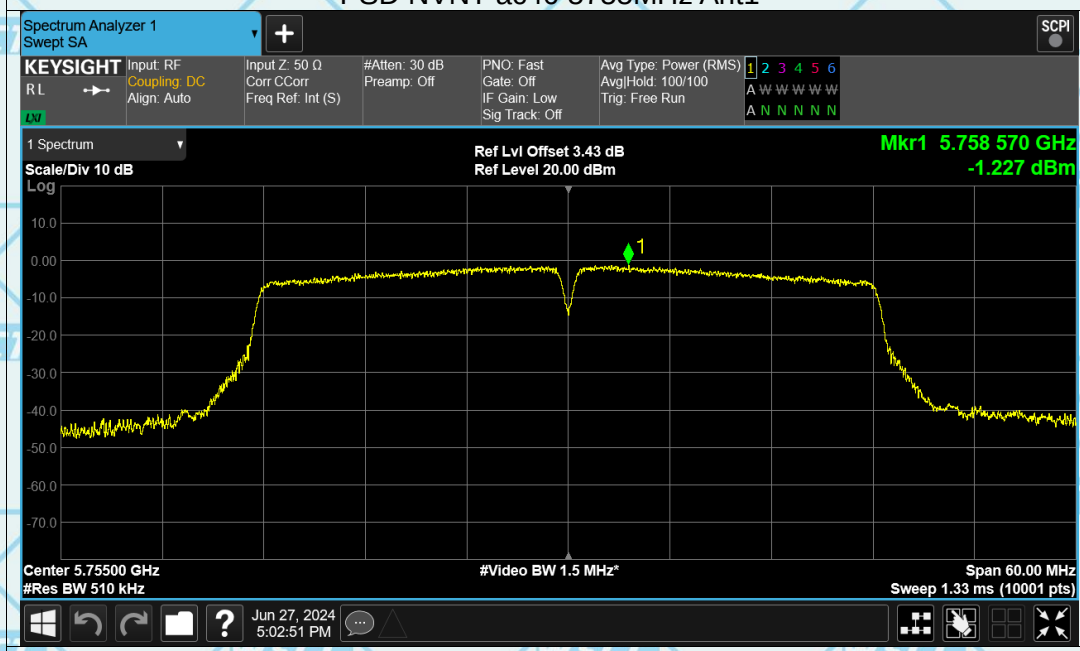
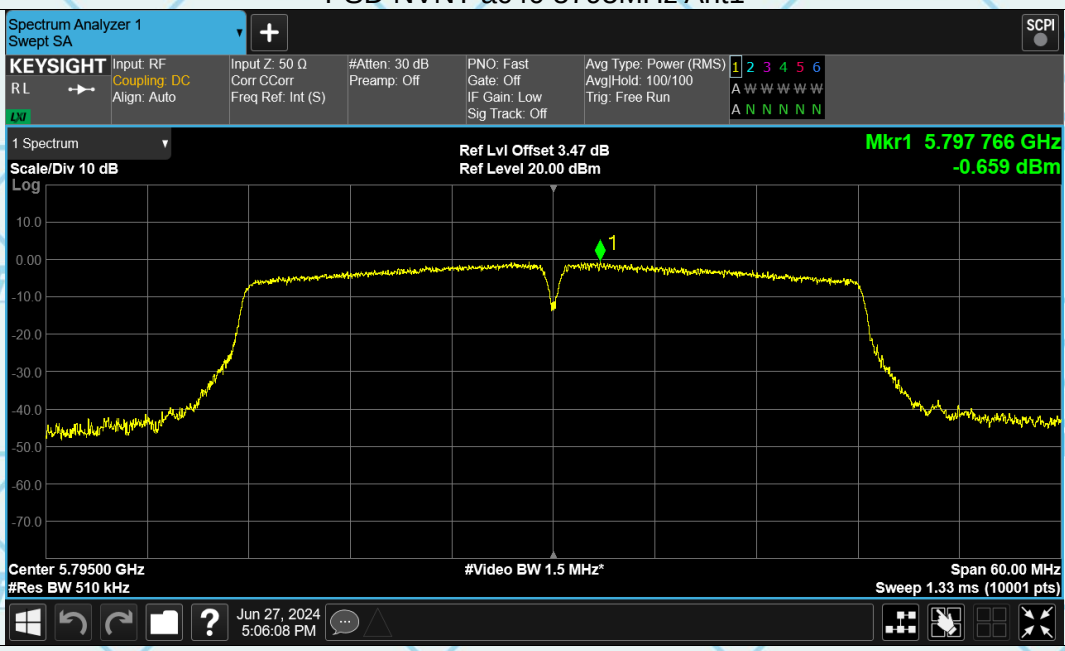
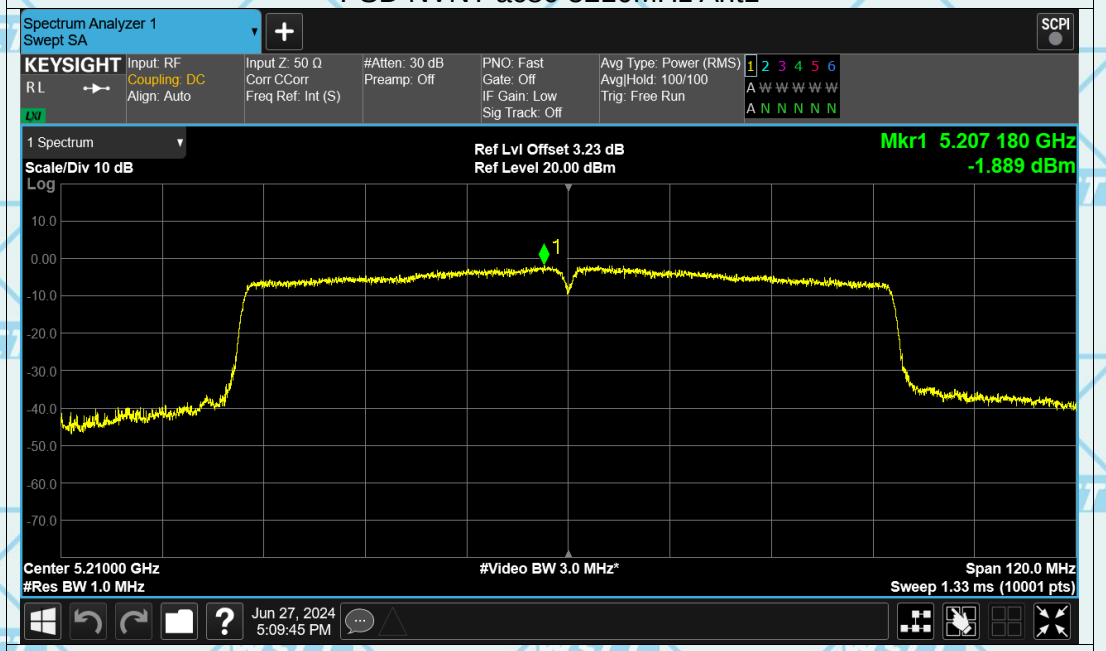


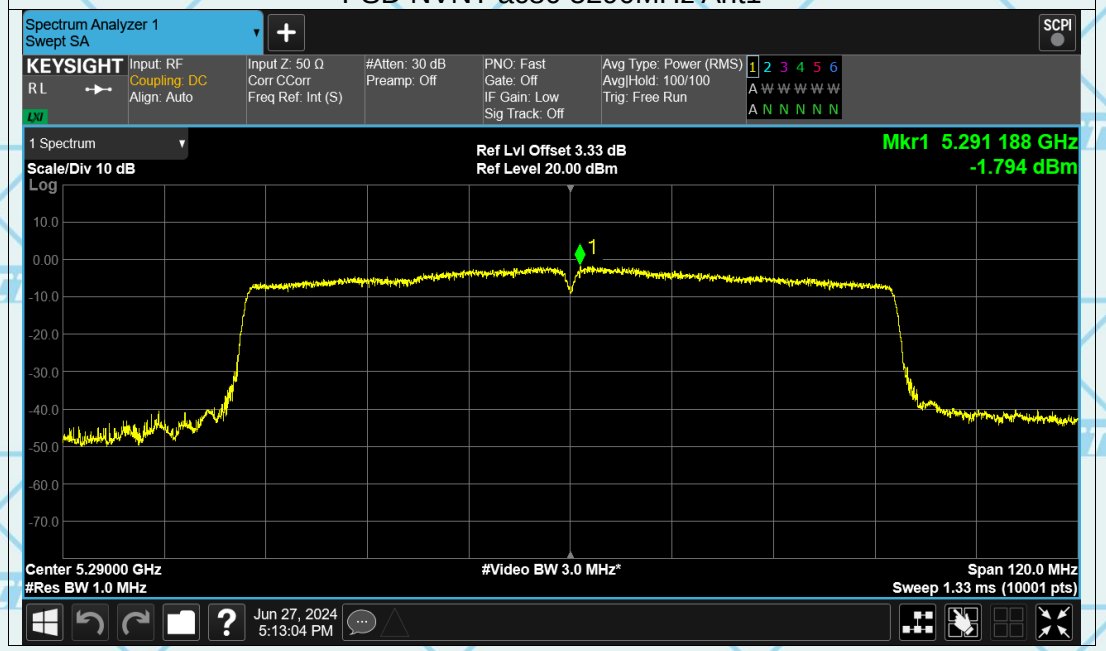
PSD NVNT ac40 5795MHz Ant1



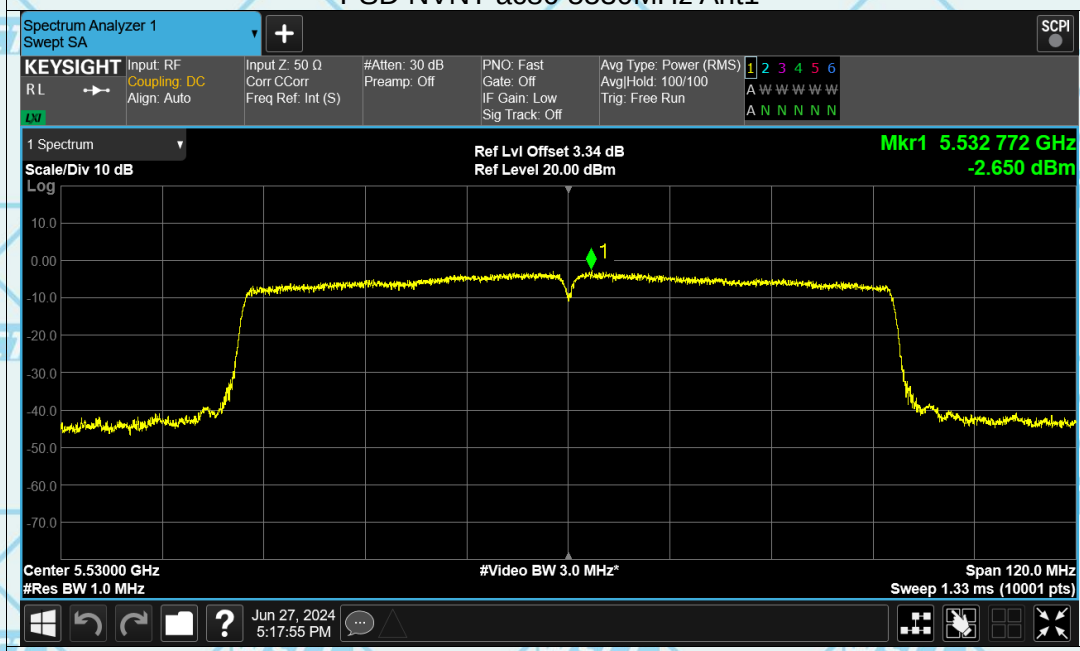
PSD NVNT ac80 5210MHz Ant1



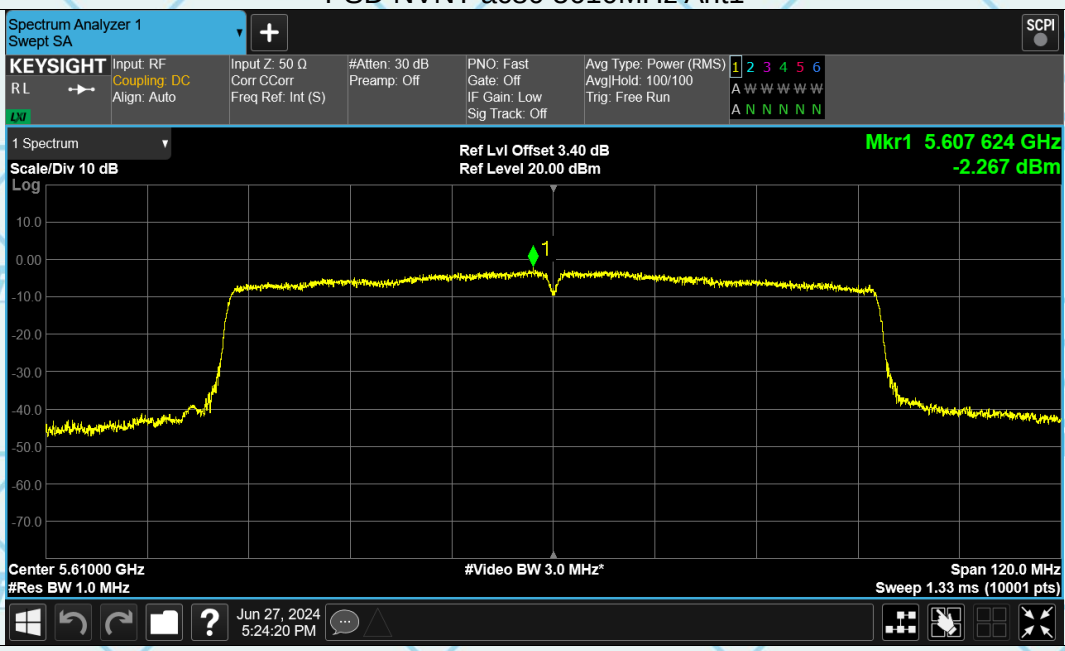
PSD NVNT ac80 5290MHz Ant1



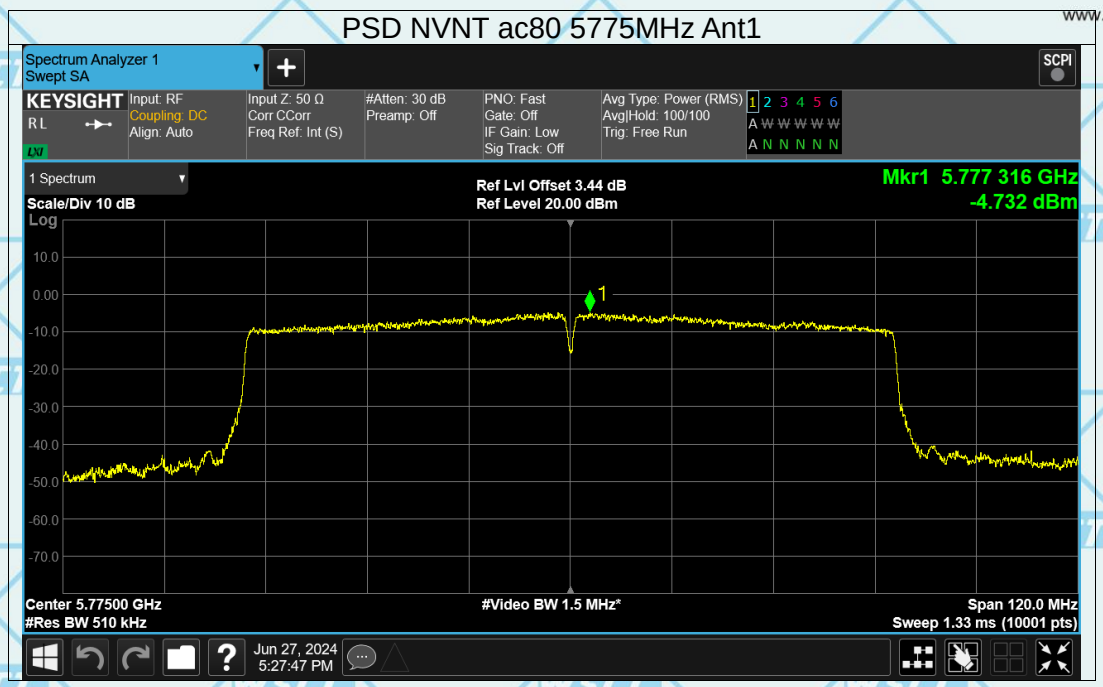
PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5775MHz Ant1



7.8 FREQUENCY STABILITY

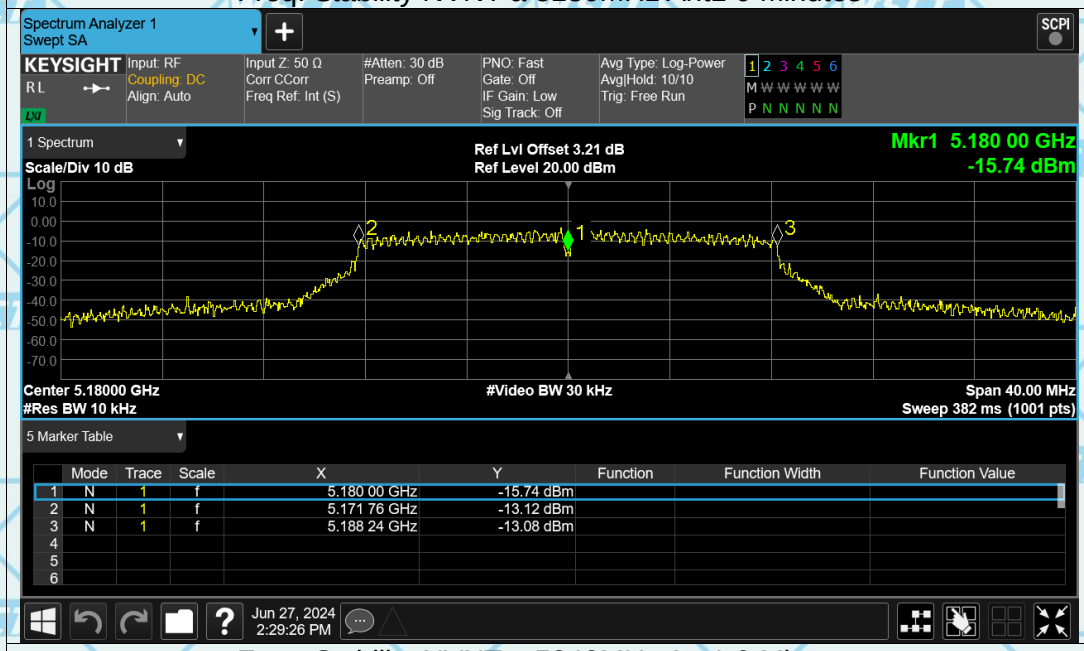
Product:	EUT-Sample	Test Item:	Frequency Stability
Temperature:	25 ℃	Humidity:	56%RH
Test Voltage:	DC 3.87V	Test Result:	PASS

Mode	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	5180	0	0	25	Pass
a	5240	5239.96	-40000	-7.63	25	Pass
a	5260	5259.98	-20000	-3.8	25	Pass
a	5320	5319.98	-20000	-3.76	25	Pass
a	5500	5499.98	-20000	-3.64	25	Pass
a	5700	5700	0	0	25	Pass
a	5745	5744.96	-40000	-6.96	25	Pass
a	5825	5824.96	-40000	-6.87	25	Pass
n20	5180	5179.98	-20000	-3.86	25	Pass
n20	5240	5239.98	-20000	-3.82	25	Pass
n20	5260	5259.96	-40000	-7.6	25	Pass
n20	5320	5319.98	-20000	-3.76	25	Pass
n20	5500	5499.98	-20000	-3.64	25	Pass
n20	5700	5699.98	-20000	-3.51	25	Pass
n20	5745	5744.96	-40000	-6.96	25	Pass
n20	5825	5824.98	-20000	-3.43	25	Pass
n40	5190	5189.96	-40000	-7.71	25	Pass
n40	5230	5230	0	0	25	Pass
n40	5270	5270	0	0	25	Pass
n40	5310	5310	0	0	25	Pass
n40	5510	5509.96	-40000	-7.26	25	Pass
n40	5670	5669.96	-40000	-7.05	25	Pass
n40	5755	5754.96	-40000	-6.95	25	Pass
n40	5795	5794.96	-40000	-6.9	25	Pass
ac20	5180	5179.98	-20000	-3.86	25	Pass
ac20	5240	5239.98	-20000	-3.82	25	Pass
ac20	5260	5259.96	-40000	-7.6	25	Pass
ac20	5320	5319.98	-20000	-3.76	25	Pass
ac20	5500	5499.98	-20000	-3.64	25	Pass
ac20	5700	5700	0	0	25	Pass
ac20	5745	5744.98	-20000	-3.48	25	Pass
ac20	5825	5824.98	-20000	-3.43	25	Pass
ac40	5190	5190	0	0	25	Pass
ac40	5230	5229.96	-40000	-7.65	25	Pass
ac40	5270	5270.04	40000	7.59	25	Pass
ac40	5310	5310	0	0	25	Pass
ac40	5510	5510	0	0	25	Pass
ac40	5670	5670	0	0	25	Pass
ac40	5755	5755	0	0	25	Pass
ac40	5795	5794.96	-40000	-6.9	25	Pass
ac80	5210	5210	0	0	25	Pass

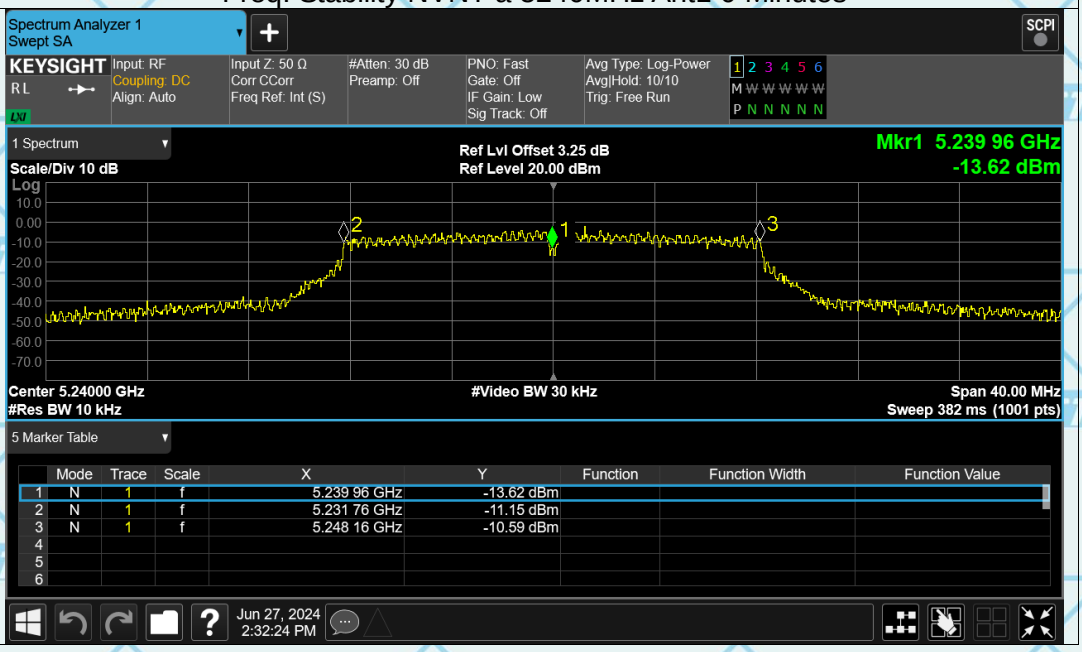
ac80	5290	5289.92	-80000	-15.12	25	Pass
ac80	5530	5530	0	0	25	Pass
ac80	5610	5610	0	0	25	Pass
ac80	5775	5775	0	0	25	Pass

Test Graphs

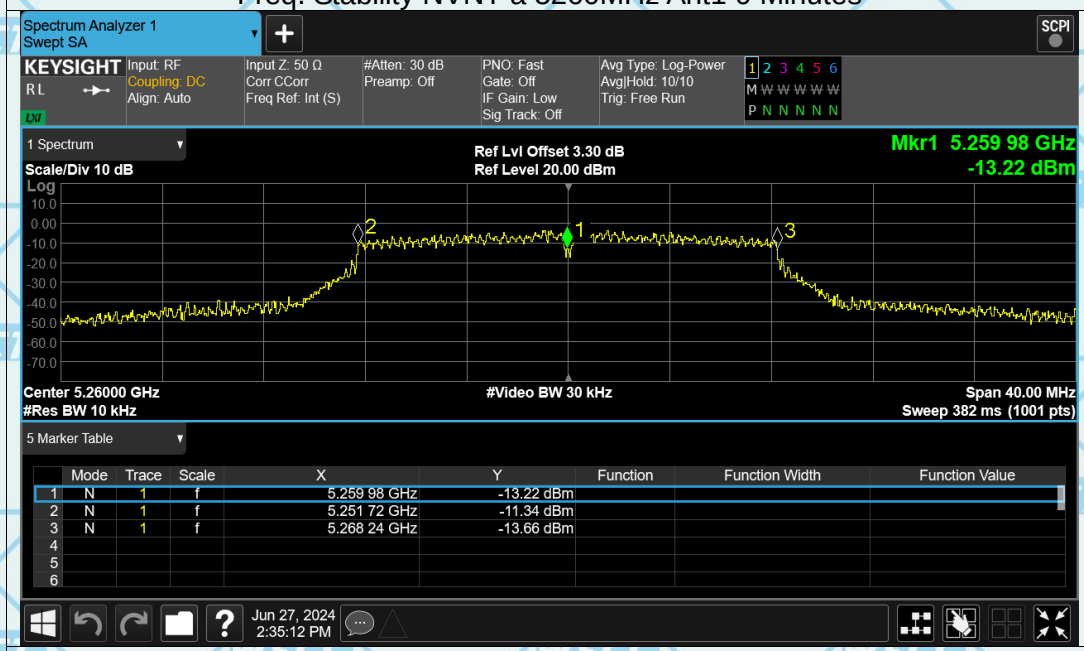
Freq. Stability NVNT a 5180MHz Ant1 0 Minutes



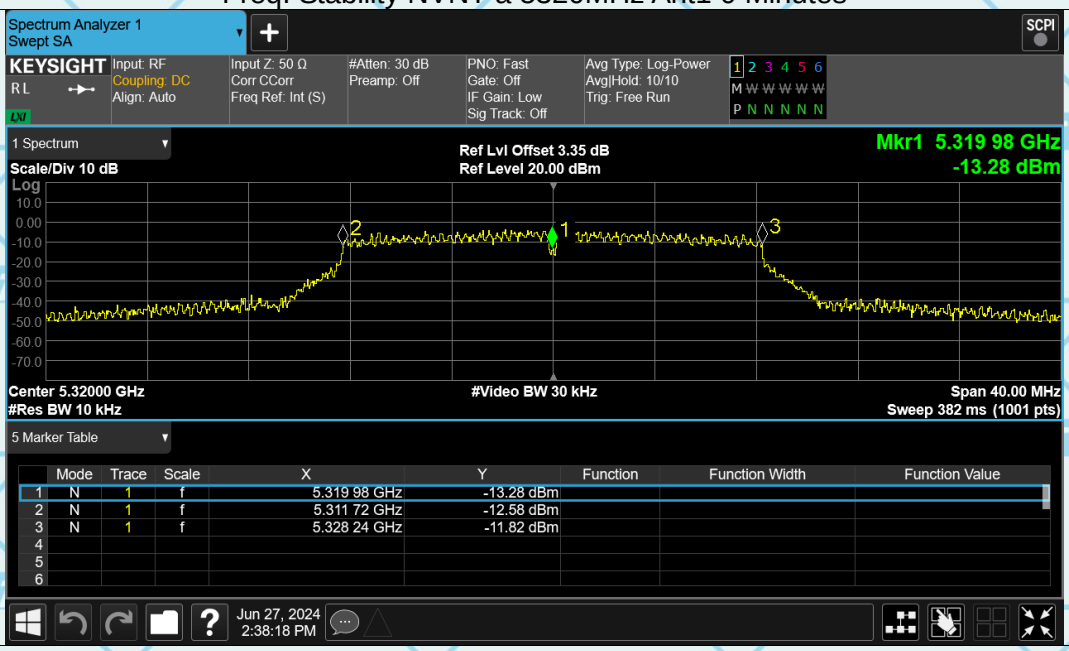
Freq. Stability NVNT a 5240MHz Ant1 0 Minutes



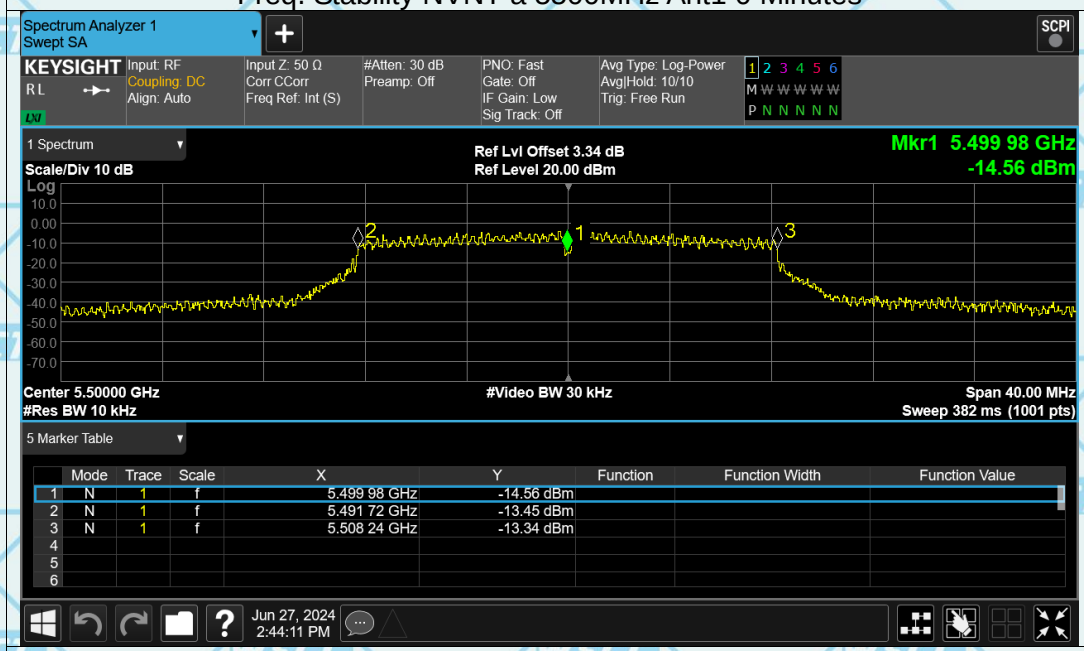
Freq. Stability NVNT a 5260MHz Ant1 0 Minutes



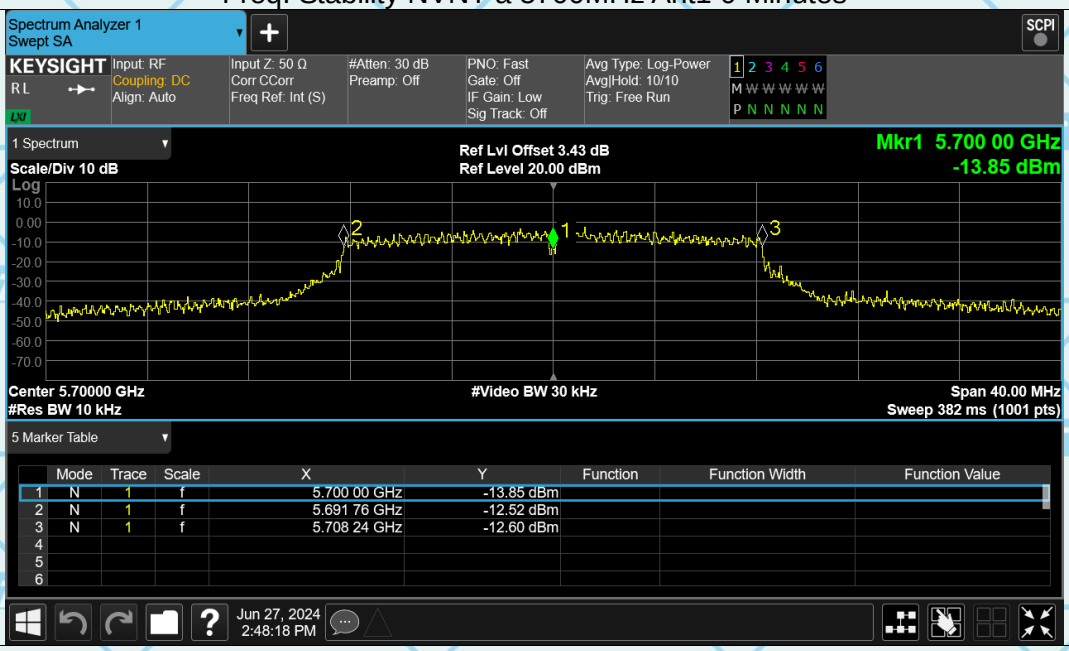
Freq. Stability NVNT a 5320MHz Ant1 0 Minutes



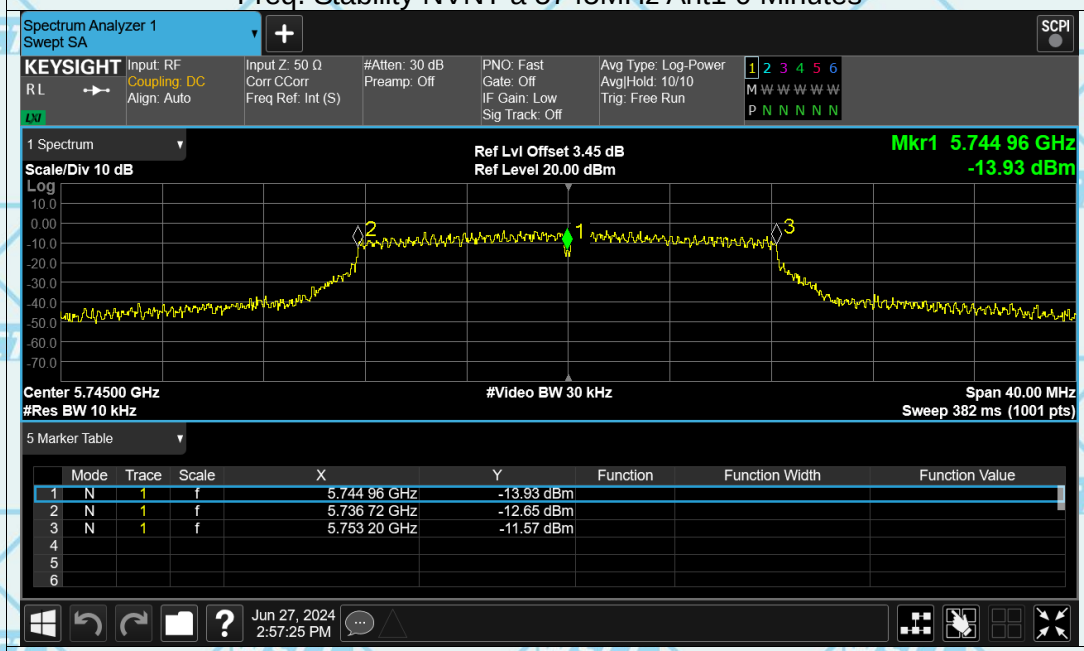
Freq. Stability NVNT a 5500MHz Ant1 0 Minutes



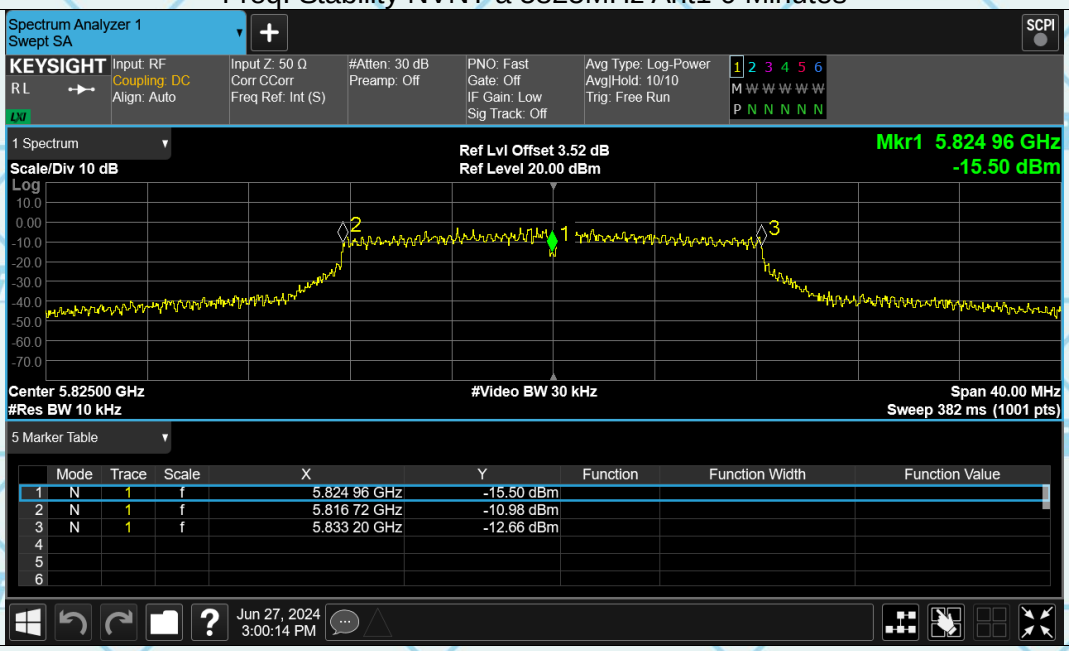
Freq. Stability NVNT a 5700MHz Ant1 0 Minutes



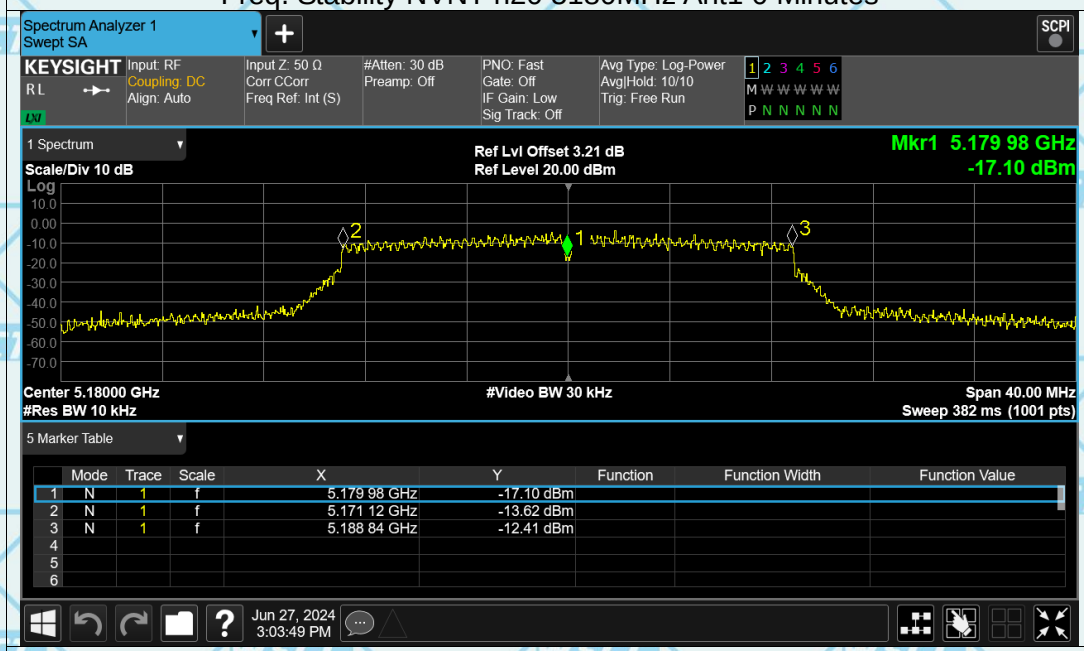
Freq. Stability NVNT a 5745MHz Ant1 0 Minutes



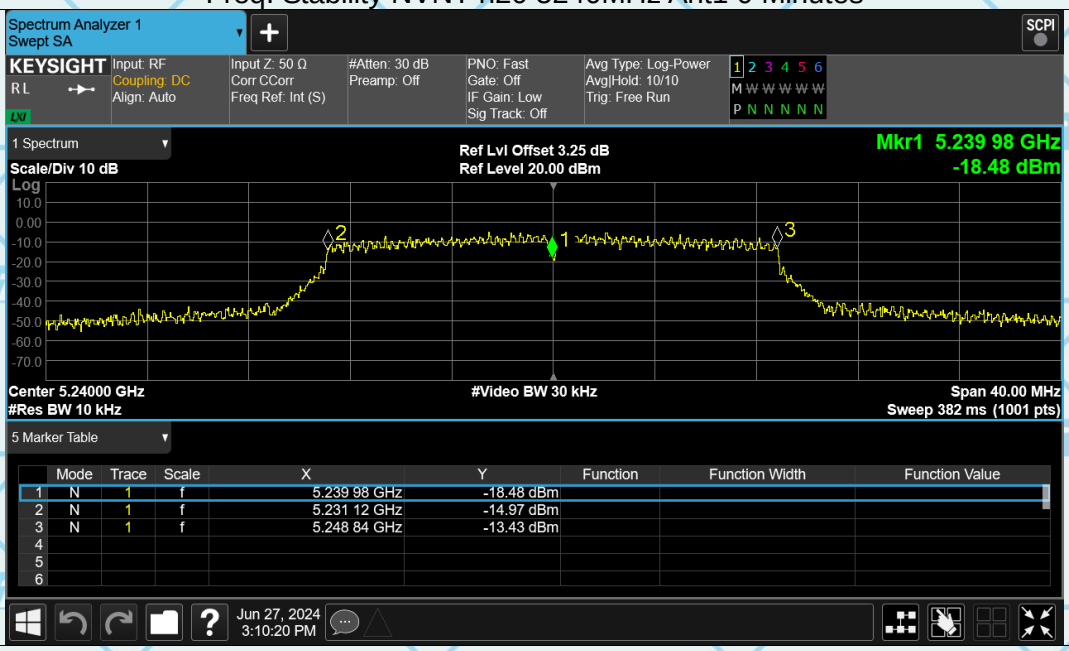
Freq. Stability NVNT a 5825MHz Ant1 0 Minutes



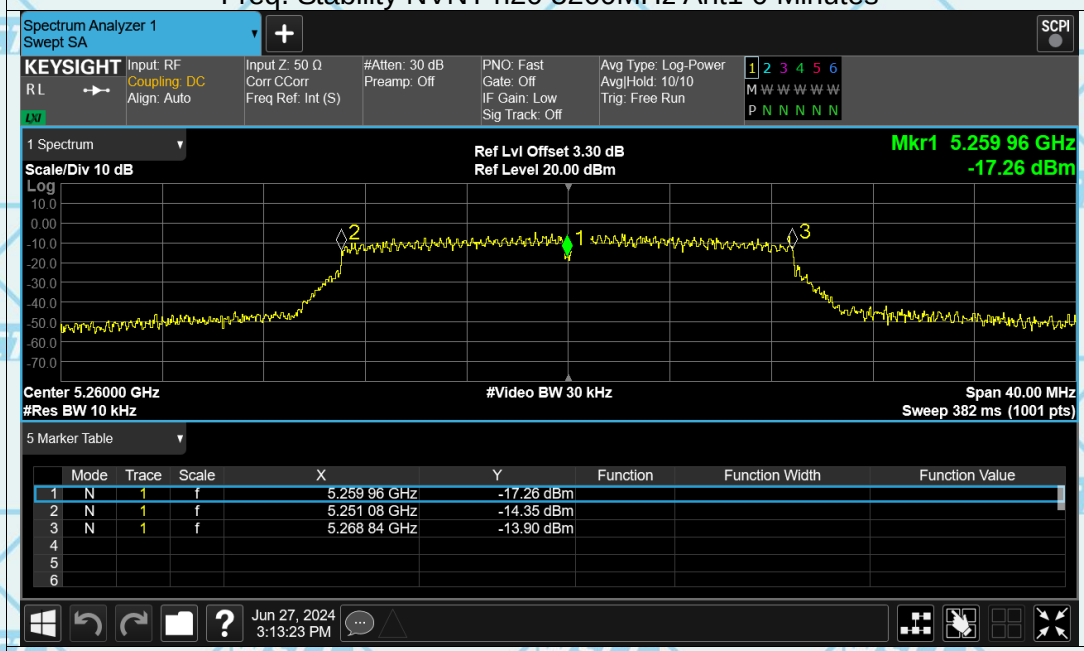
Freq. Stability NVNT n20 5180MHz Ant1 0 Minutes



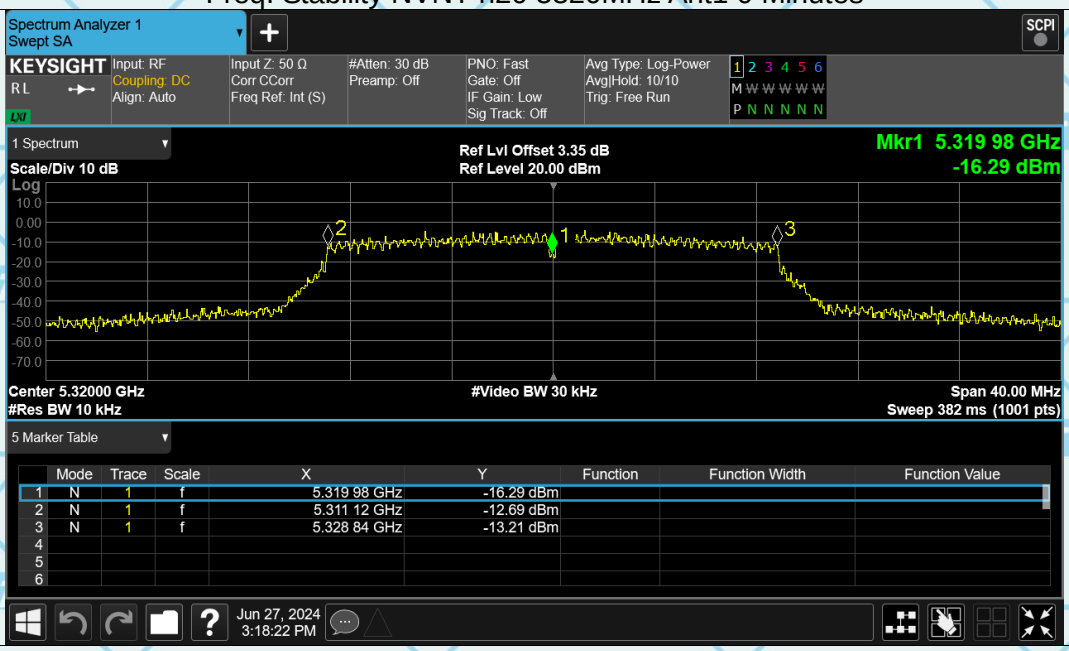
Freq. Stability NVNT n20 5240MHz Ant1 0 Minutes



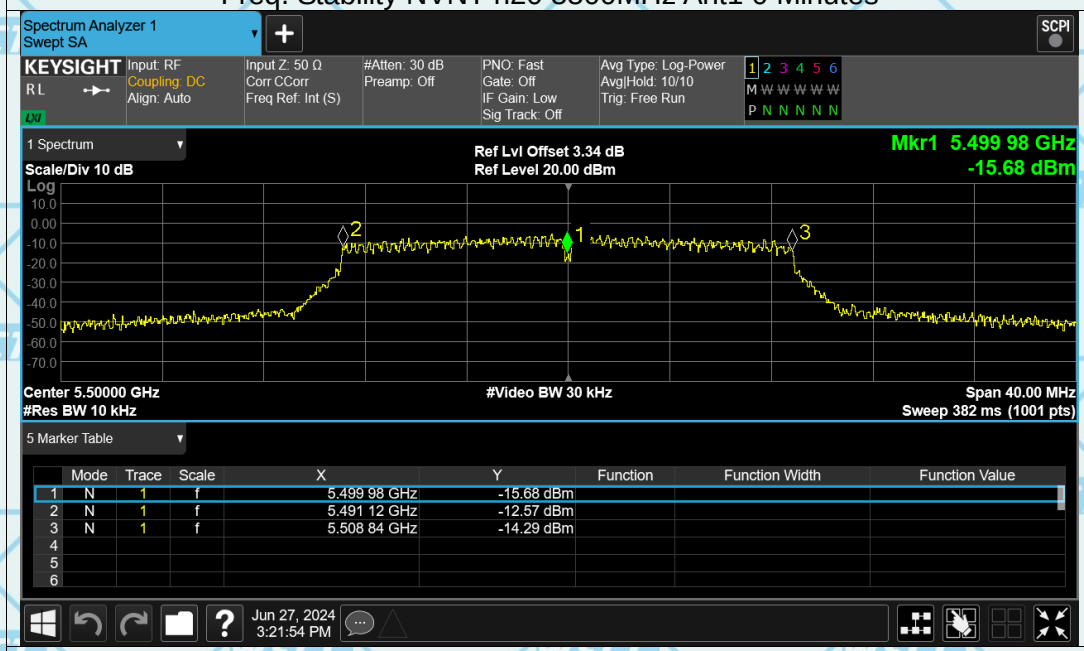
Freq. Stability NVNT n20 5260MHz Ant1 0 Minutes



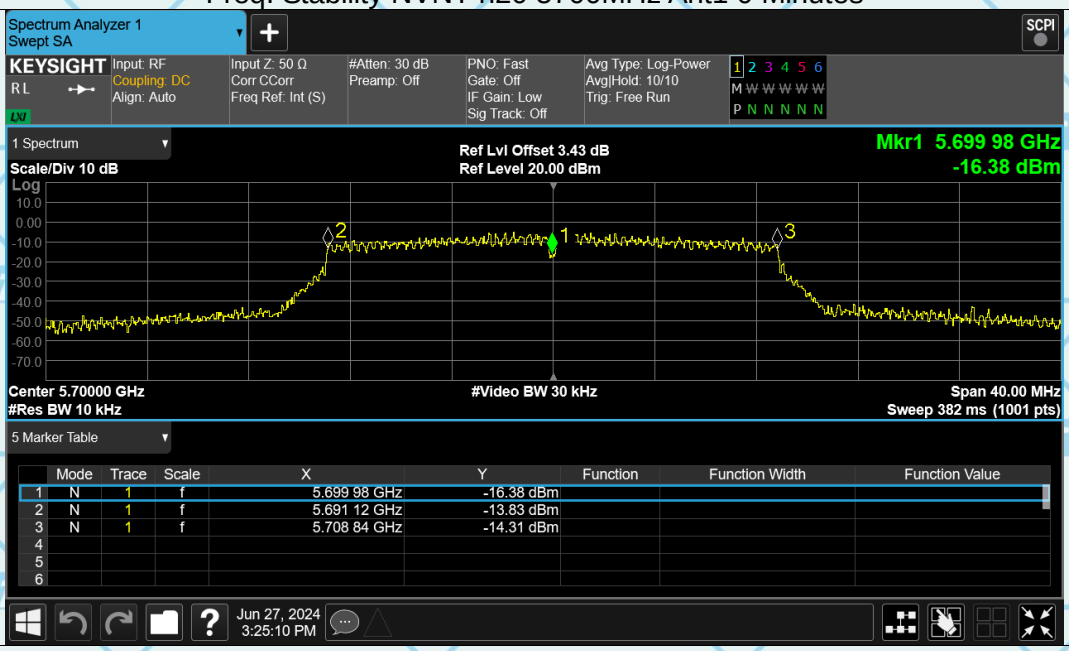
Freq. Stability NVNT n20 5320MHz Ant1 0 Minutes



Freq. Stability NVNT n20 5500MHz Ant1 0 Minutes

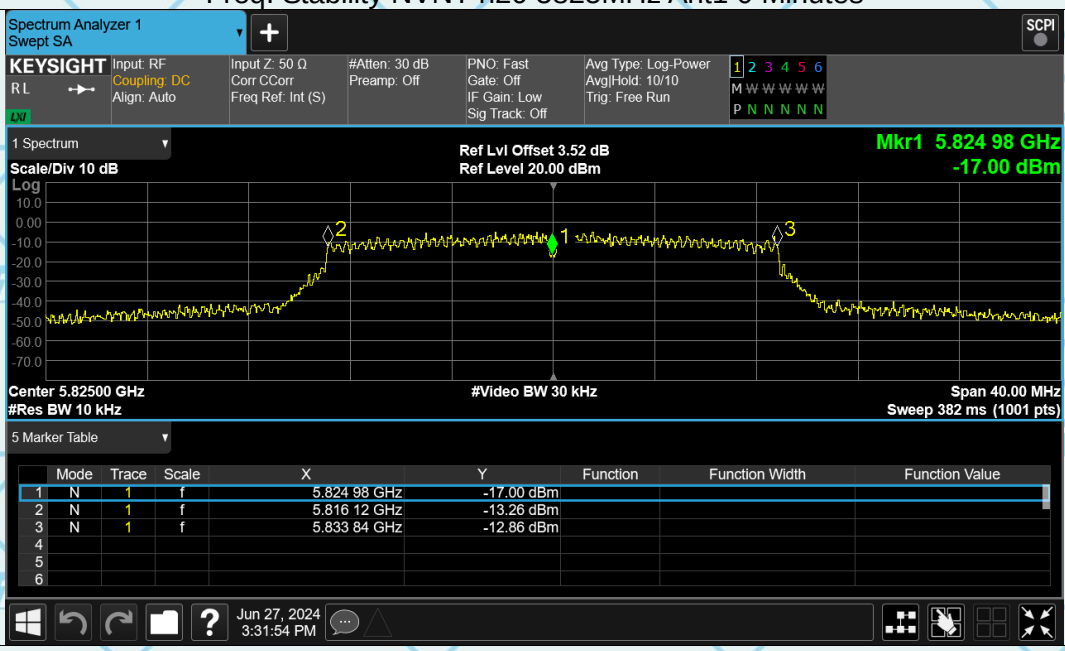


Freq. Stability NVNT n20 5700MHz Ant1 0 Minutes

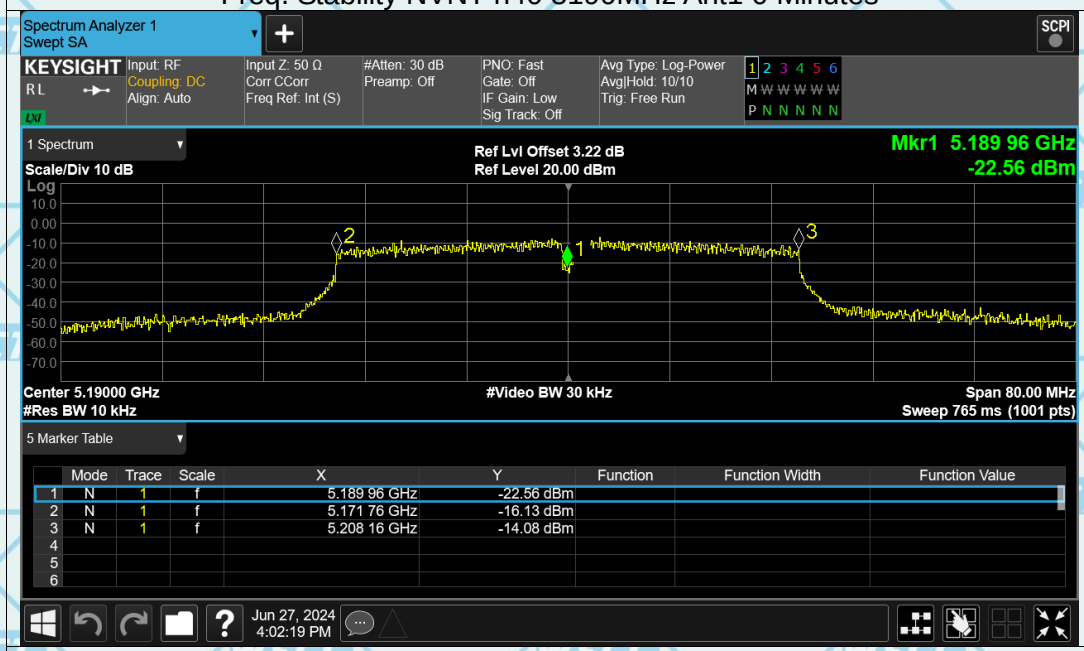


Freq. Stability NVNT n20 5745MHz Ant1 0 Minutes

Freq. Stability NVNT n20 5825MHz Ant1 0 Minutes



Freq. Stability NVNT n40 5190MHz Ant1 0 Minutes

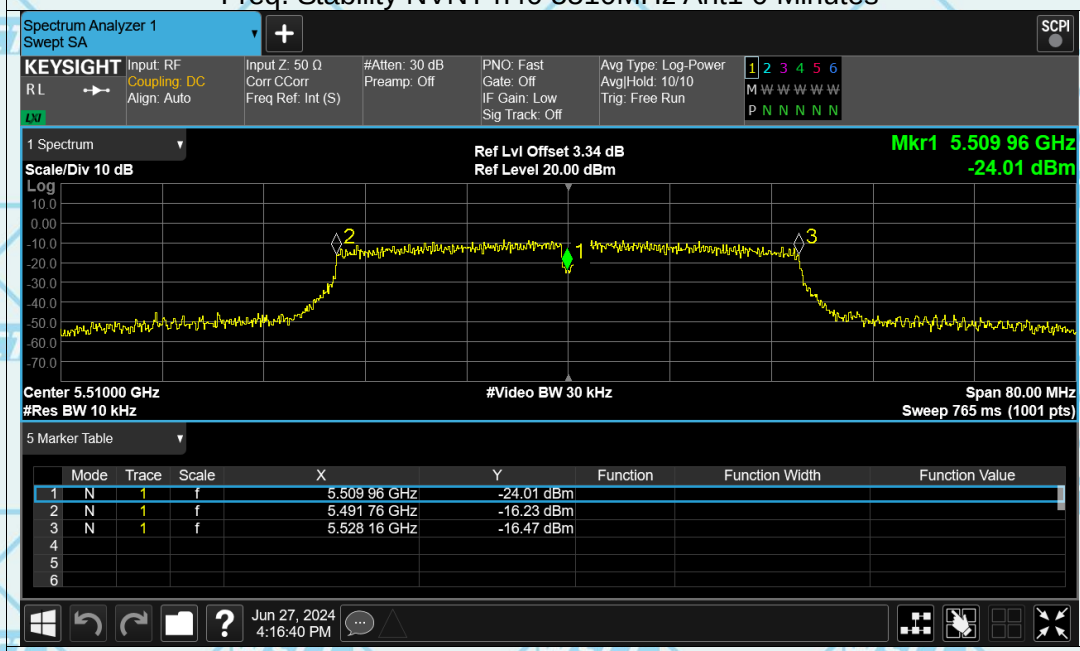


Freq. Stability NVNT n40 5230MHz Ant1 0 Minutes

Freq. Stability NVNT n40 5270MHz Ant1 0 Minutes

Freq. Stability NVNT n40 5310MHz Ant1 0 Minutes

Freq. Stability NVNT n40 5510MHz Ant1 0 Minutes

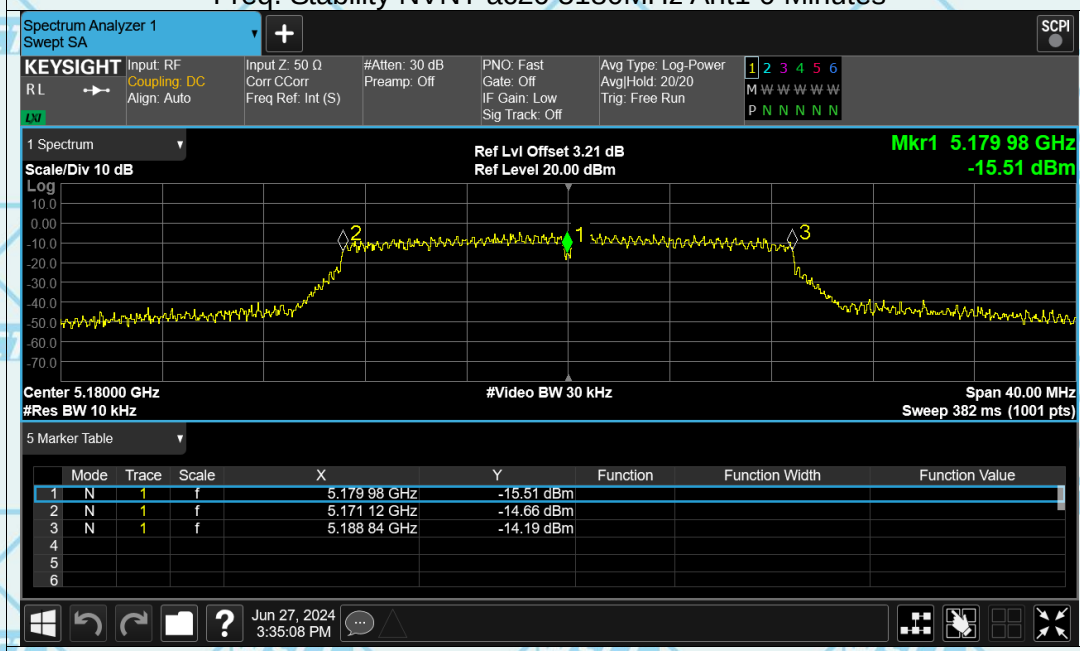


Freq. Stability NVNT n40 5670MHz Ant1 0 Minutes

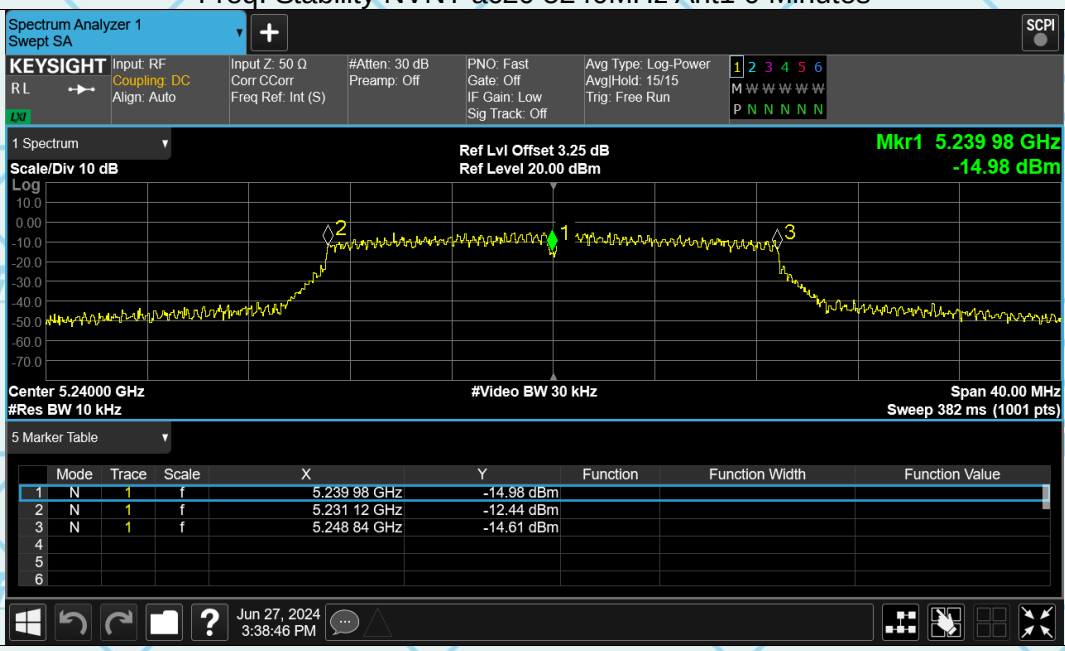
Freq. Stability NVNT n40 5755MHz Ant1 0 Minutes

Freq. Stability NVNT n40 5795MHz Ant1 0 Minutes

Freq. Stability NVNT ac20 5180MHz Ant1 0 Minutes



Freq. Stability NVNT ac20 5240MHz Ant1 0 Minutes



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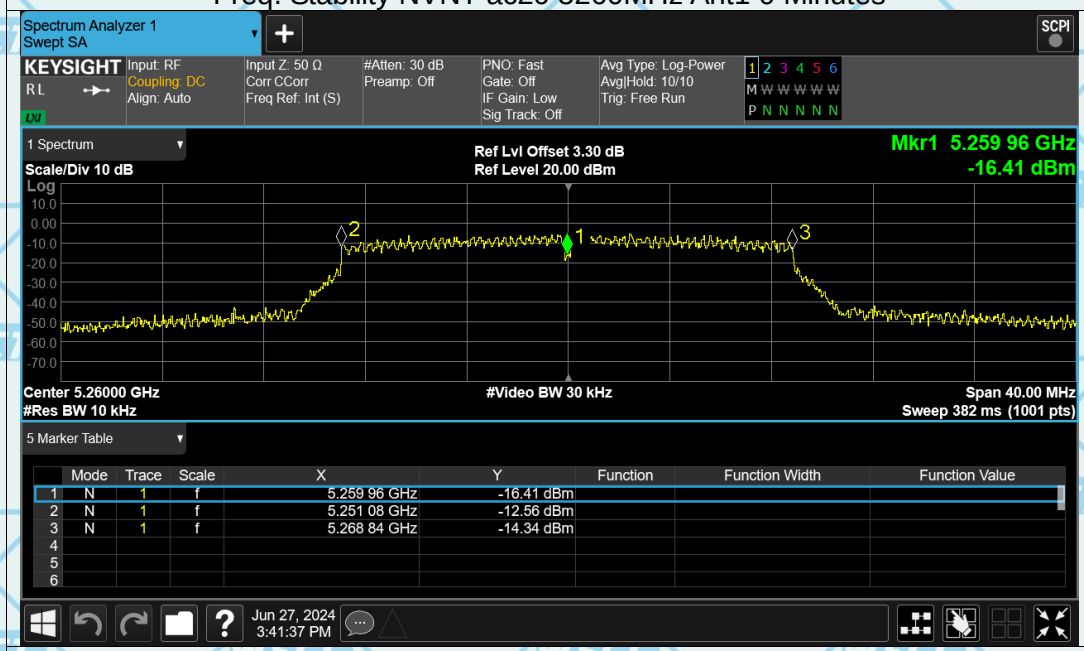
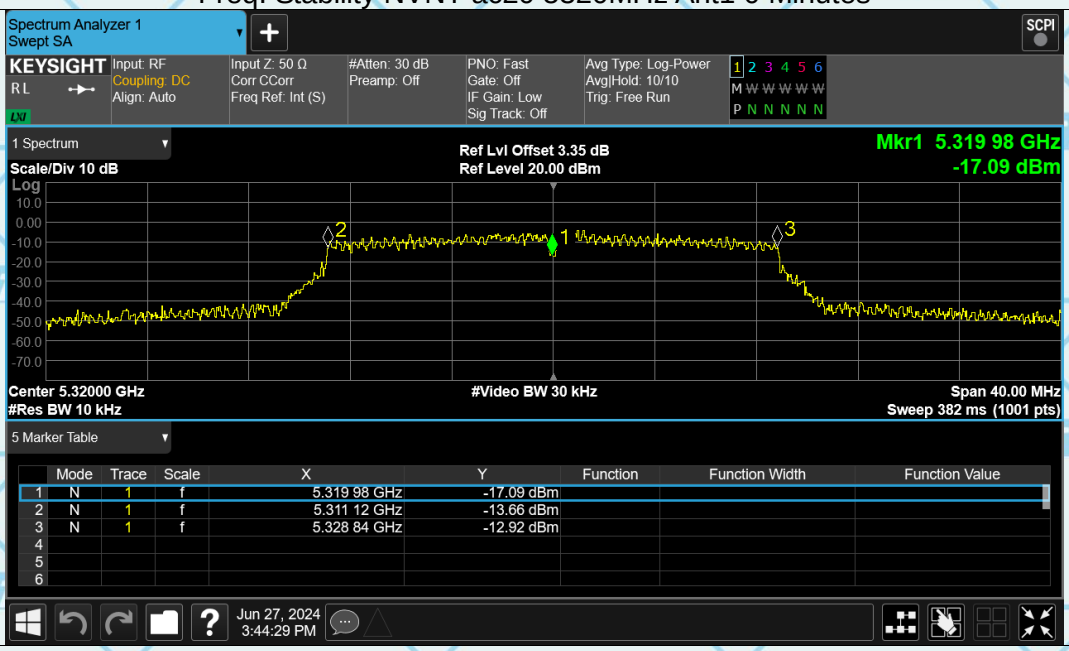
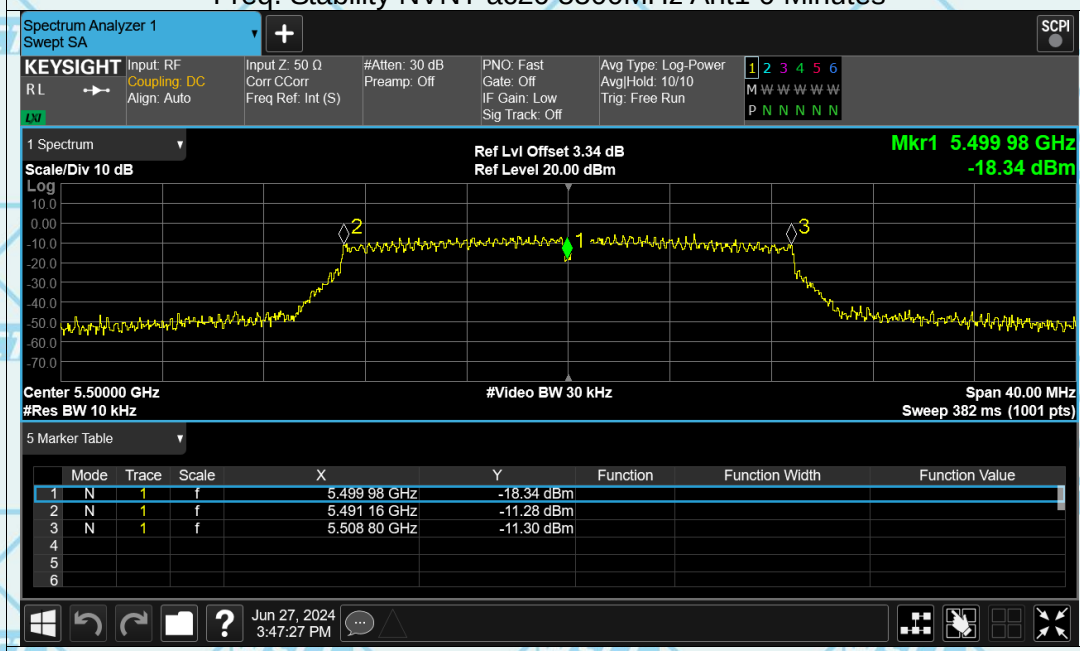


Freq. Stability NVNT ac20 5320MHz Ant1 0 Minutes

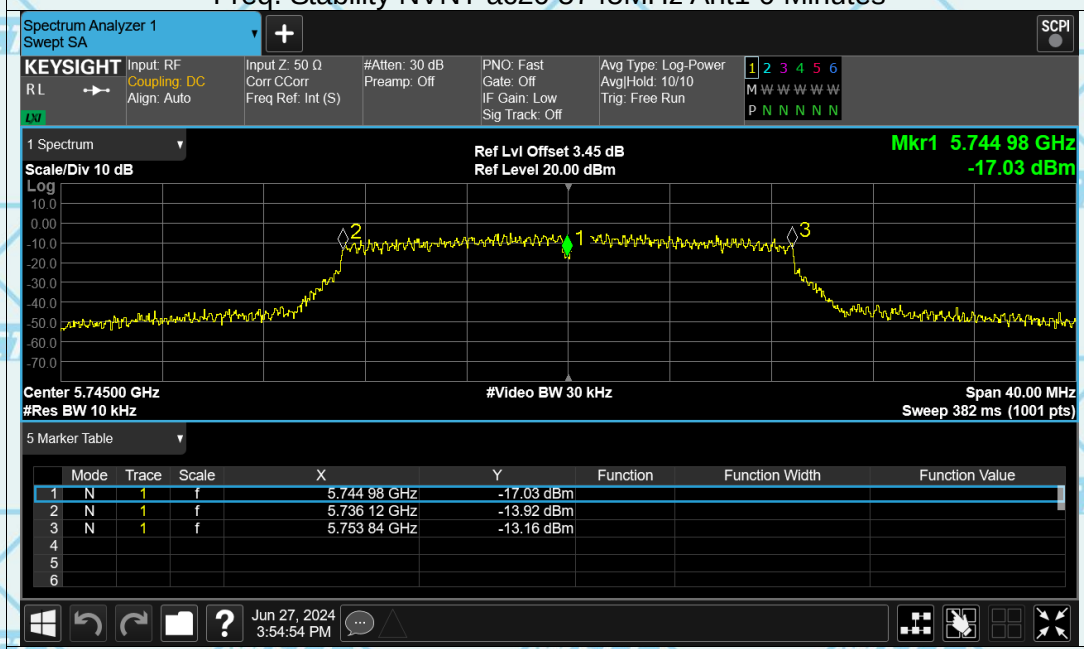


Freq. Stability NVNT ac20 5500MHz Ant1 0 Minutes

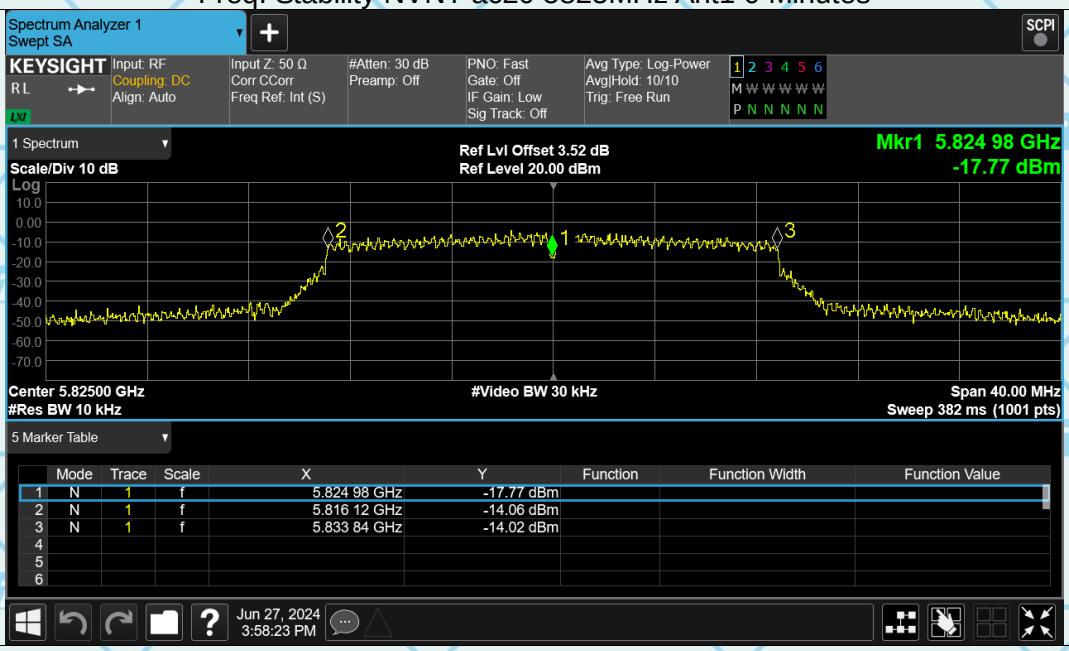


Freq. Stability NVNT ac20 5700MHz Ant1 0 Minutes

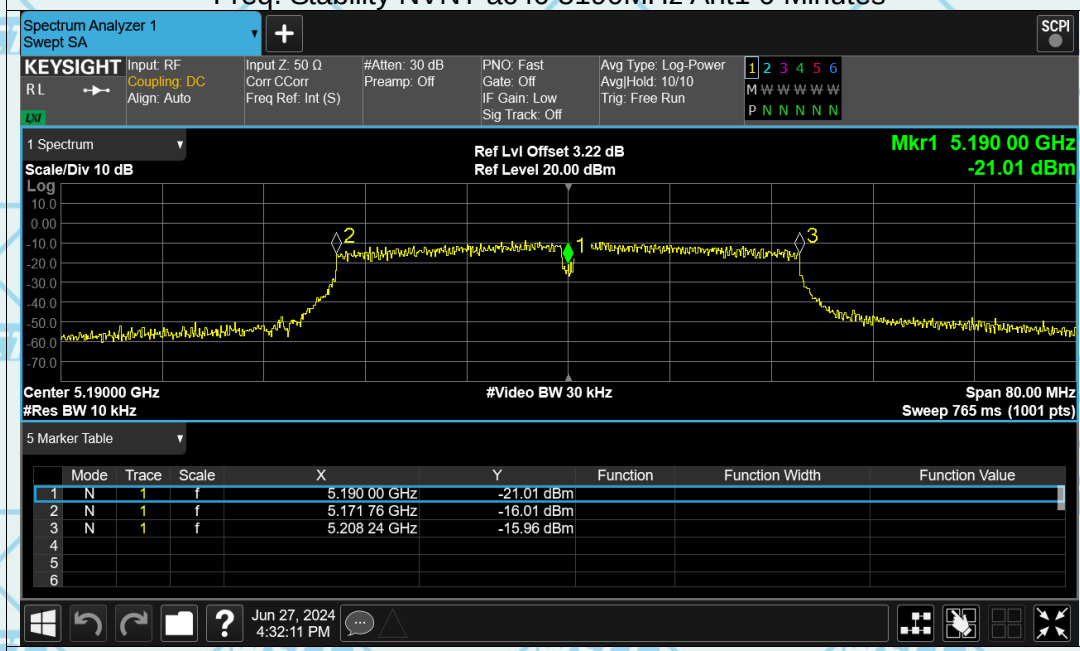
Freq. Stability NVNT ac20 5745MHz Ant1 0 Minutes



Freq. Stability NVNT ac20 5825MHz Ant1 0 Minutes

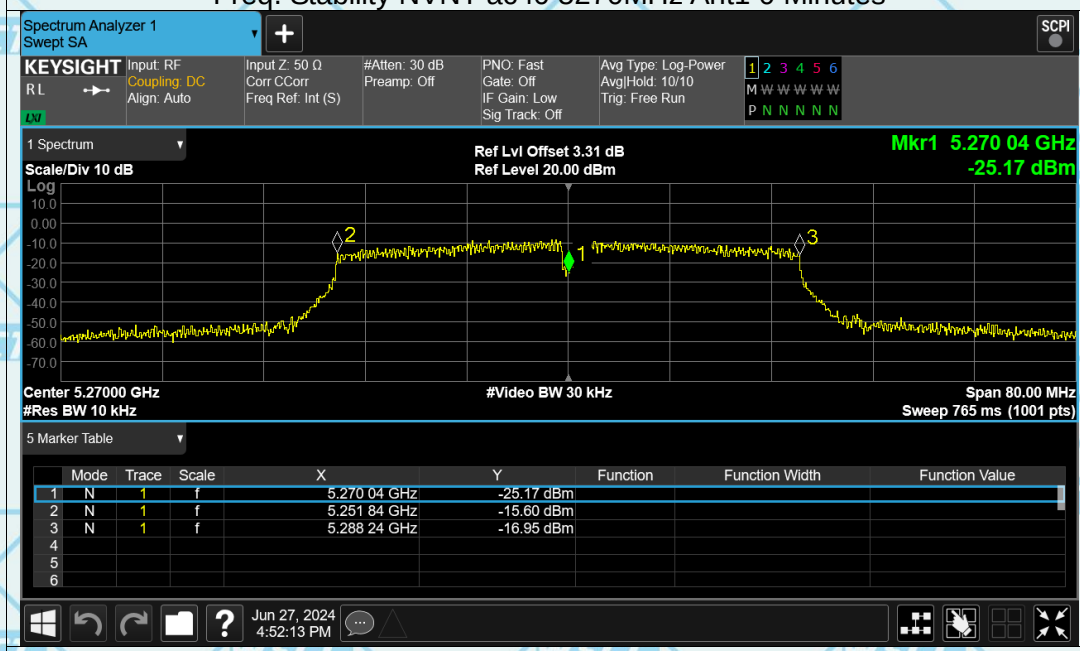


Freq. Stability NVNT ac40 5190MHz Ant1 0 Minutes



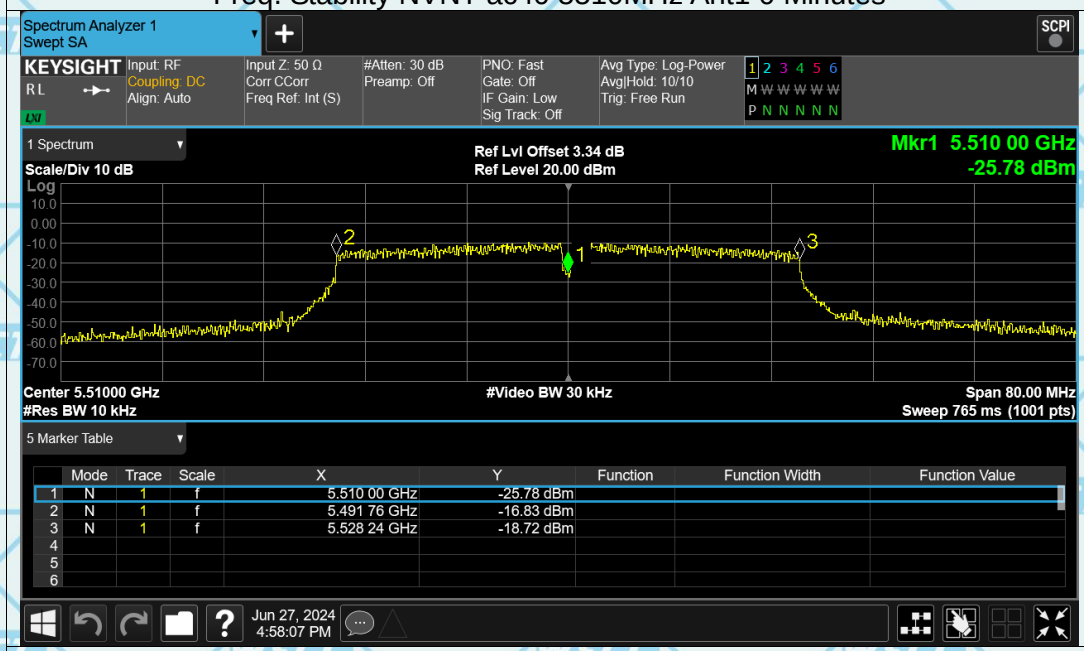
Freq. Stability NVNT ac40 5230MHz Ant1 0 Minutes

Freq. Stability NVNT ac40 5270MHz Ant1 0 Minutes



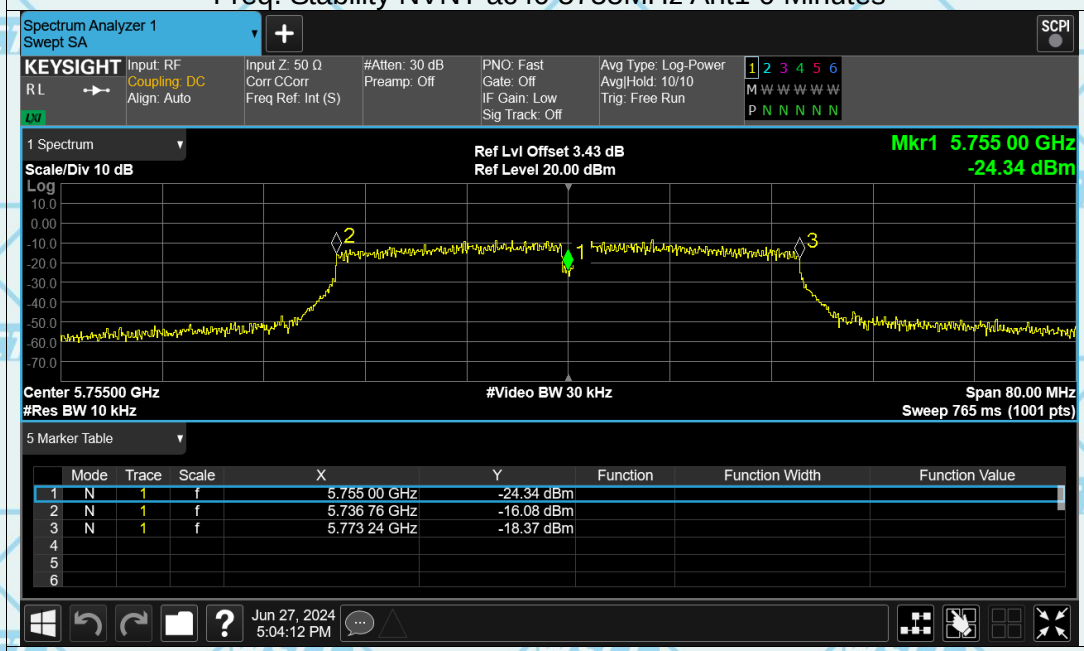
Freq. Stability NVNT ac40 5310MHz Ant1 0 Minutes

Freq. Stability NVNT ac40 5510MHz Ant1 0 Minutes



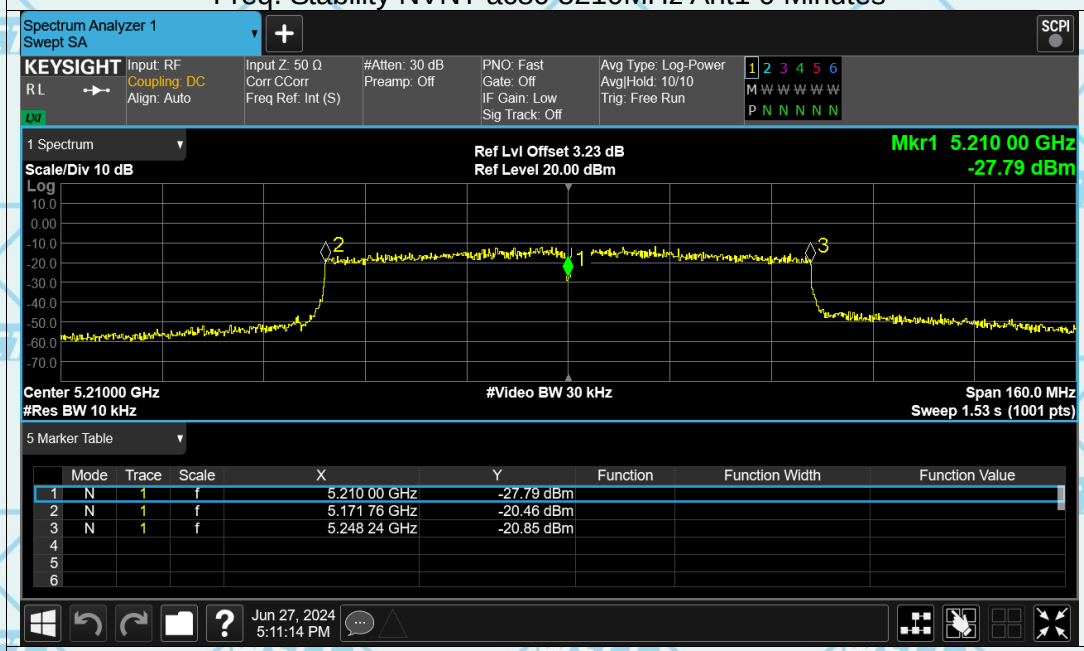
Freq. Stability NVNT ac40 5670MHz Ant1 0 Minutes

Freq. Stability NVNT ac40 5755MHz Ant1 0 Minutes



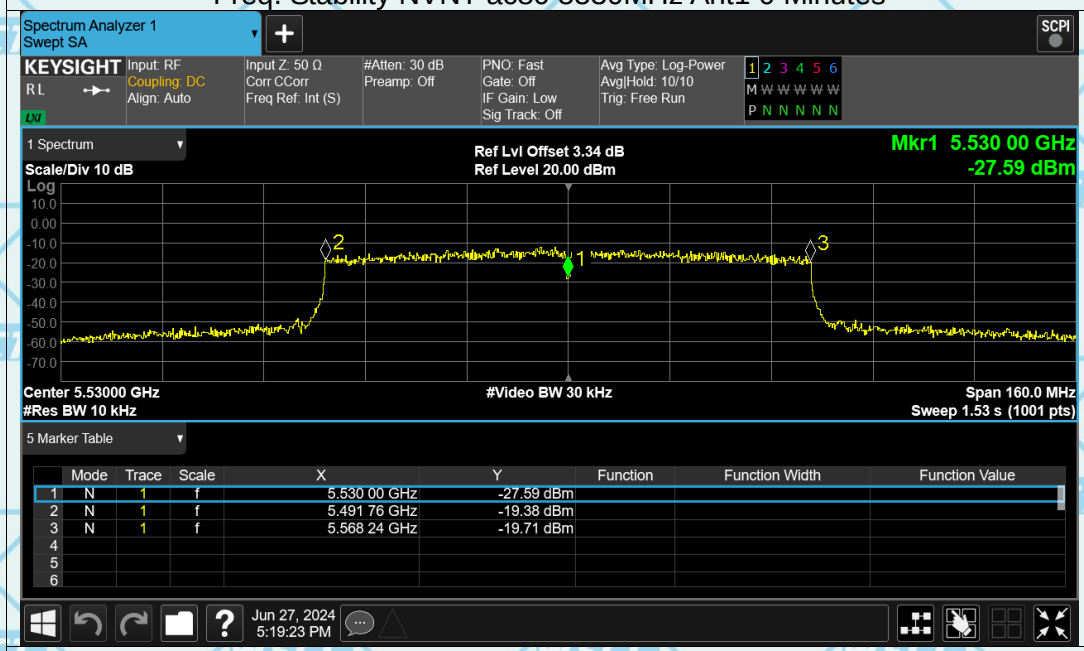
Freq. Stability NVNT ac40 5795MHz Ant1 0 Minutes

Freq. Stability NVNT ac80 5210MHz Ant1 0 Minutes



Freq. Stability NVNT ac80 5290MHz Ant1 0 Minutes

Freq. Stability NVNT ac80 5530MHz Ant1 0 Minutes



Freq. Stability NVNT ac80 5610MHz Ant1 0 Minutes

Freq. Stability NVNT ac80 5775MHz Ant1 0 Minutes

7.9 BAND EDGE EMISSIONS

7.9.1 TEST EQUIPMENT

Please refer to Section 4 this report.

7.9.2 TEST PROCEDURE

Band Edge Emissions Measurement:	
Test Method:	a.)The EUT was tested according to ANSI C63.10. b)The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 1.5 m. All set up is according to ANSI C63.10. c)The frequency spectrum from 9 kHz to 40 GHz was investigated. All readings from 9 kHz to 150 kHz are quasi-peak values with a resolution bandwidth of 200 Hz. All readings from 150 kHz to 30 MHz are quasi-peak values with a resolution bandwidth of 9 KHz. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 KHz. All readings are above 1 GHz , peak values with a resolution bandwidth of 1 MHz . Measurements were made at 3 meters. d)The emissions from the EUT were measured continuously at every azimuth by rotating the turntable. The Receiving antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency. Emissions below 30MHz were measured with a loop antenna while emission above 30MHz were measured using a broadband E-field antenna. e) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "**QP**" in the data table. f)Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter(EUT) was rotated through three orthogonal axes according to the requirements in Section 8 and 13 of ANSI C63.10.

Band Edge Emissions Measurement:	
Test Equipment Setting:	
a)Attenuation: Auto b)Span Frequency: 100 MHz c)RBW/VBW (Emission in restricted band): 1MHz / 3MHz for Peak, 1MHz / 1/T for Average	d)RBW/VBW(Emission in non-restricted band) 1MHz / 3MHz for peak

7.9.3 TEST SETUP

Same as section 3.4 of this report

7.9.4 CONFIGURATION OF THE EUT

Same as section 3.4 of this report

7.9.5 EUT OPERATING CONDITION

Same as section 3.4 of this report.