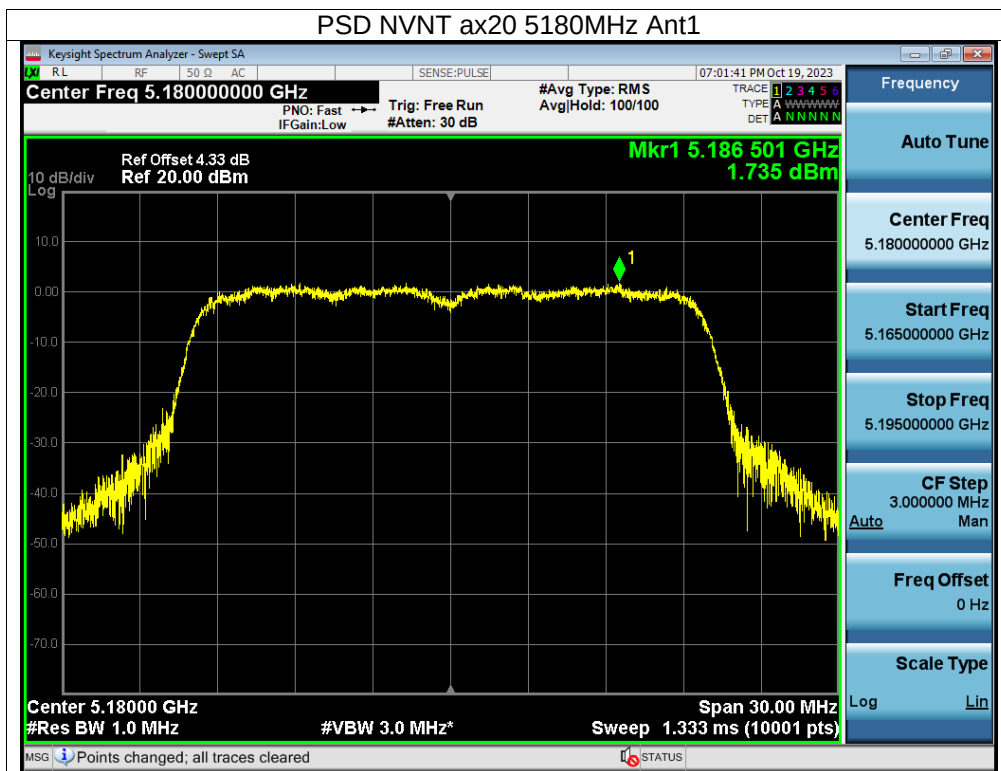
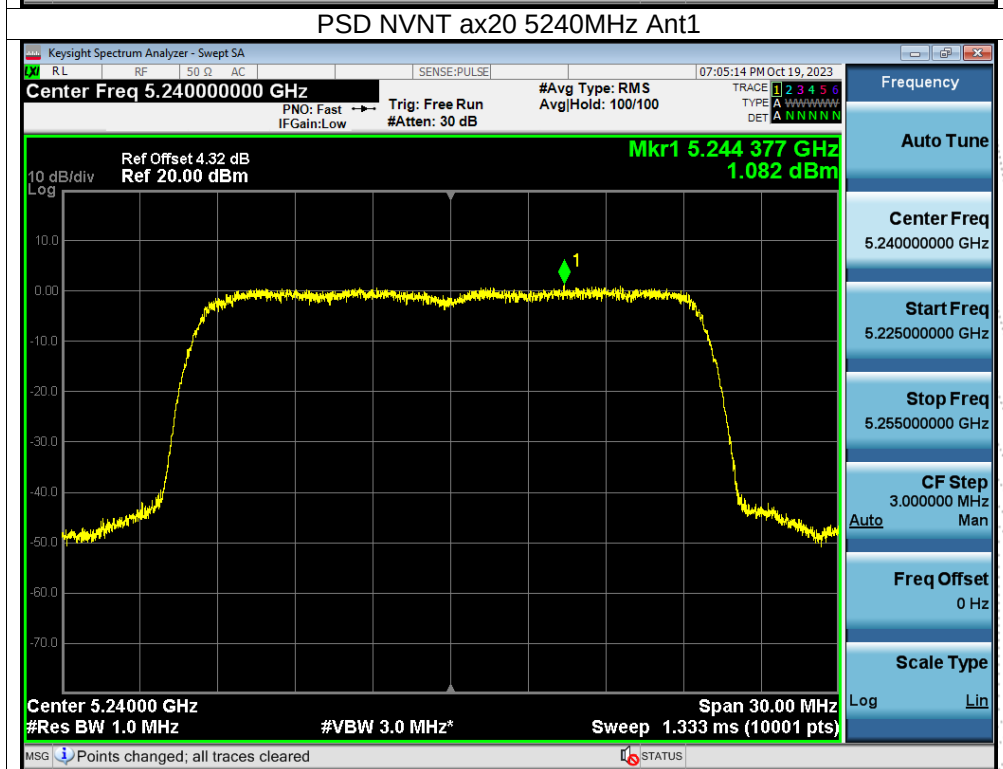
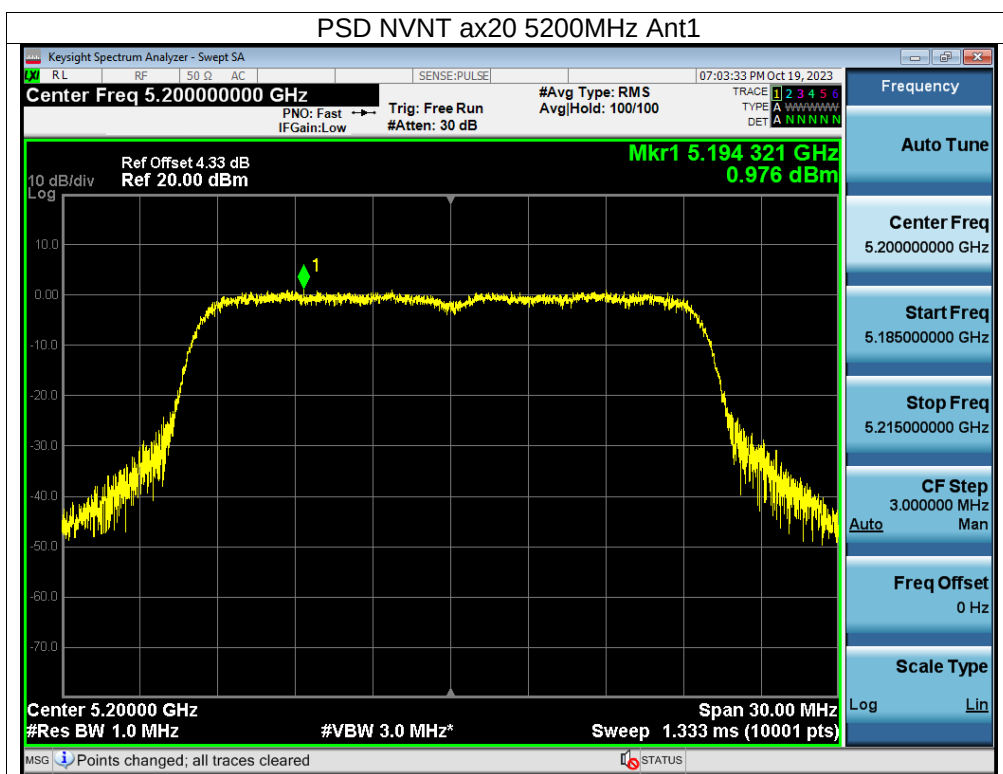
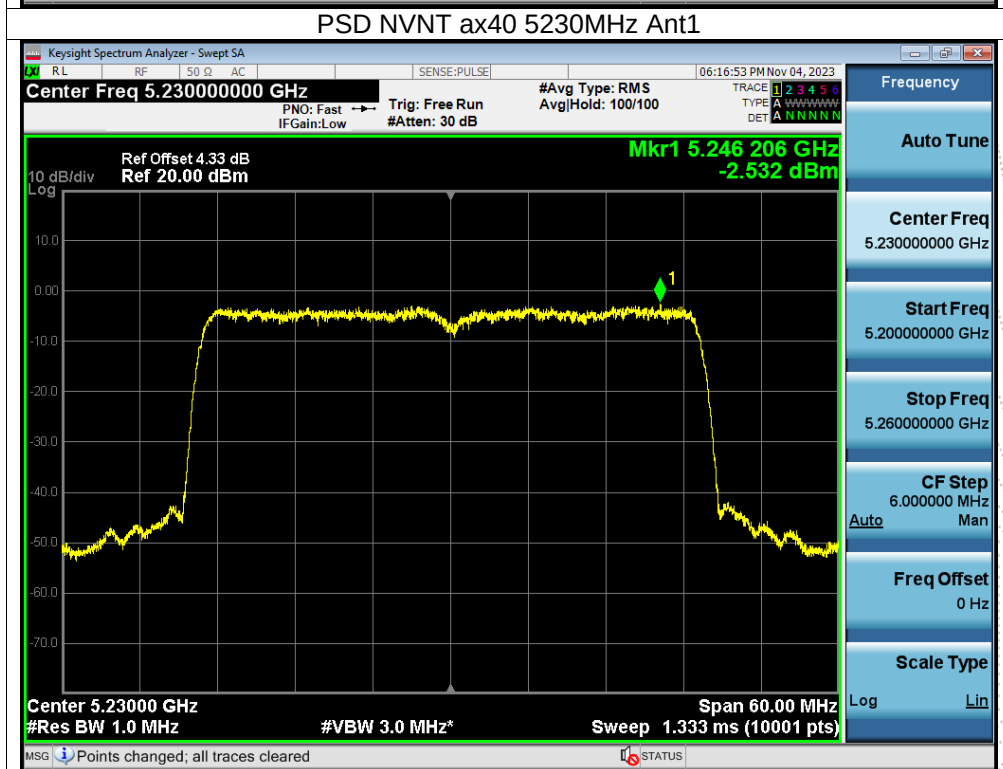
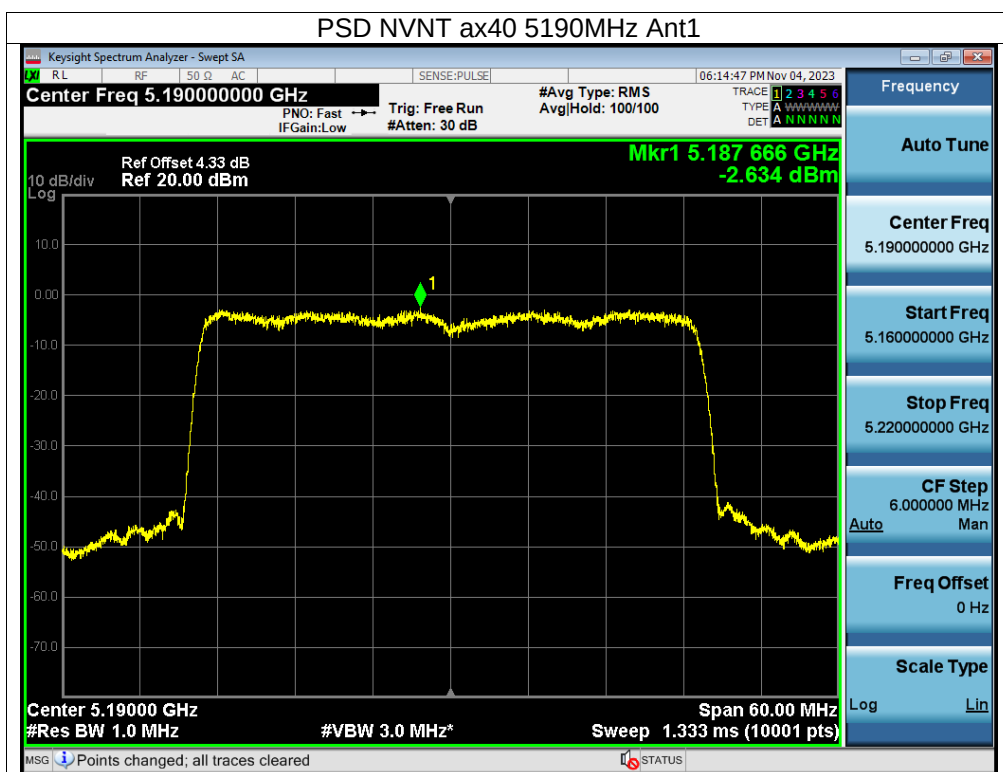
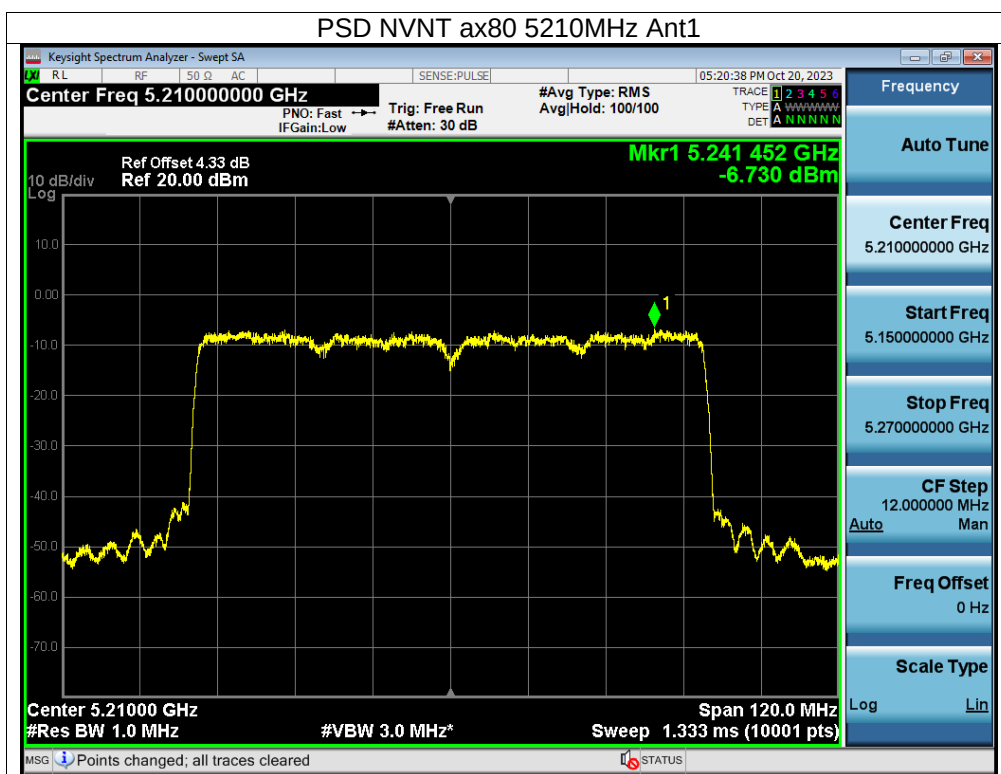








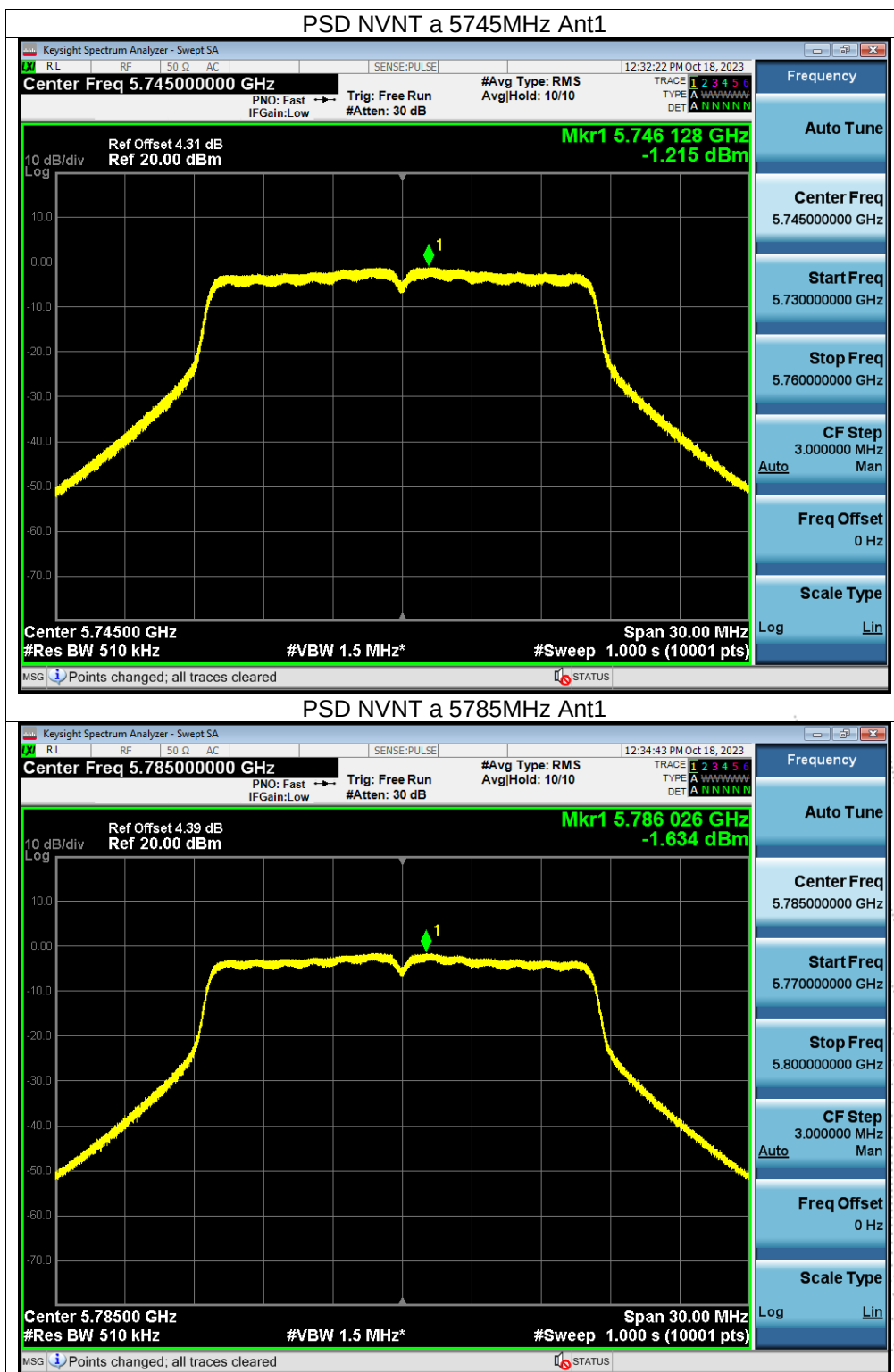


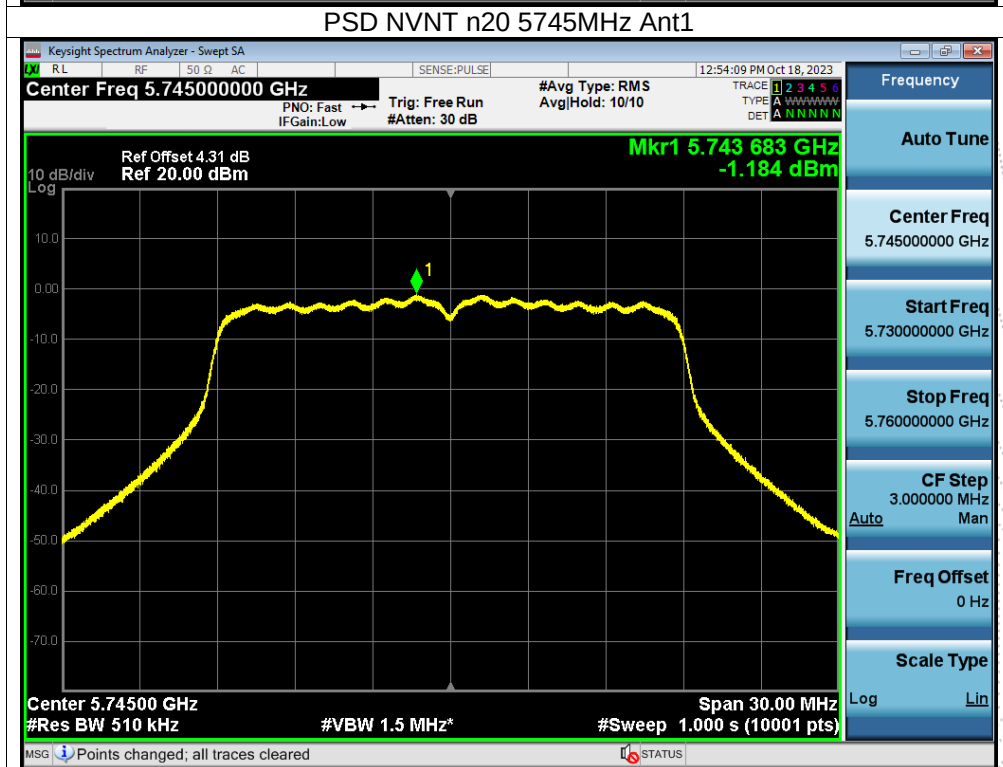
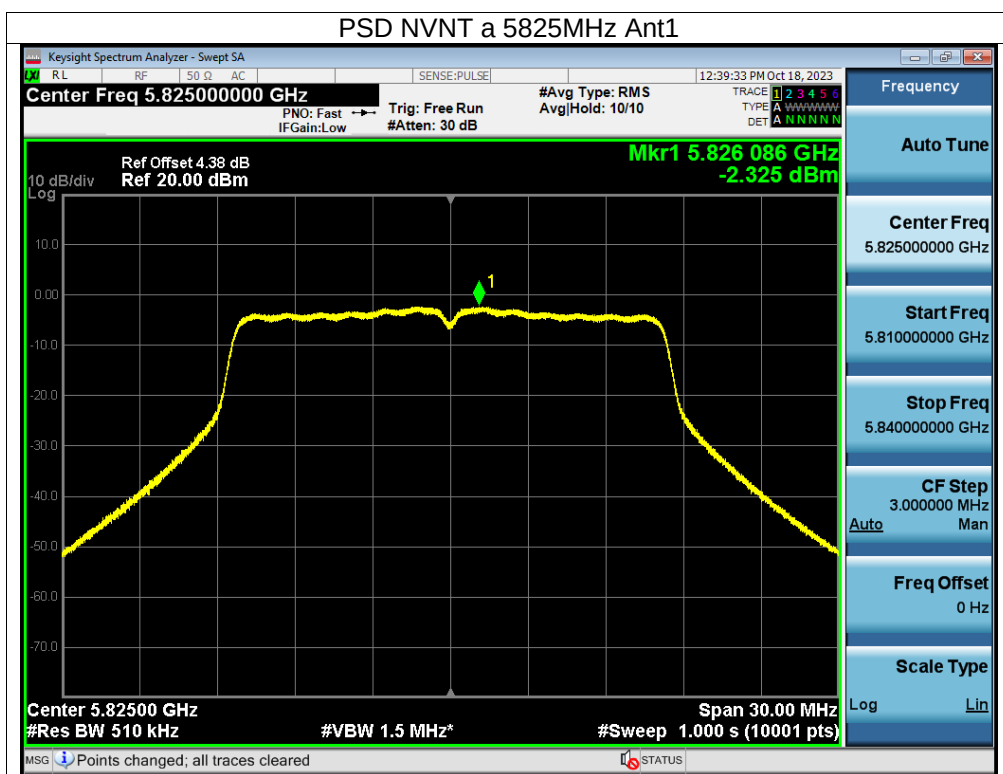
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC12V
Test Mode:	(5745-5825MHz)		

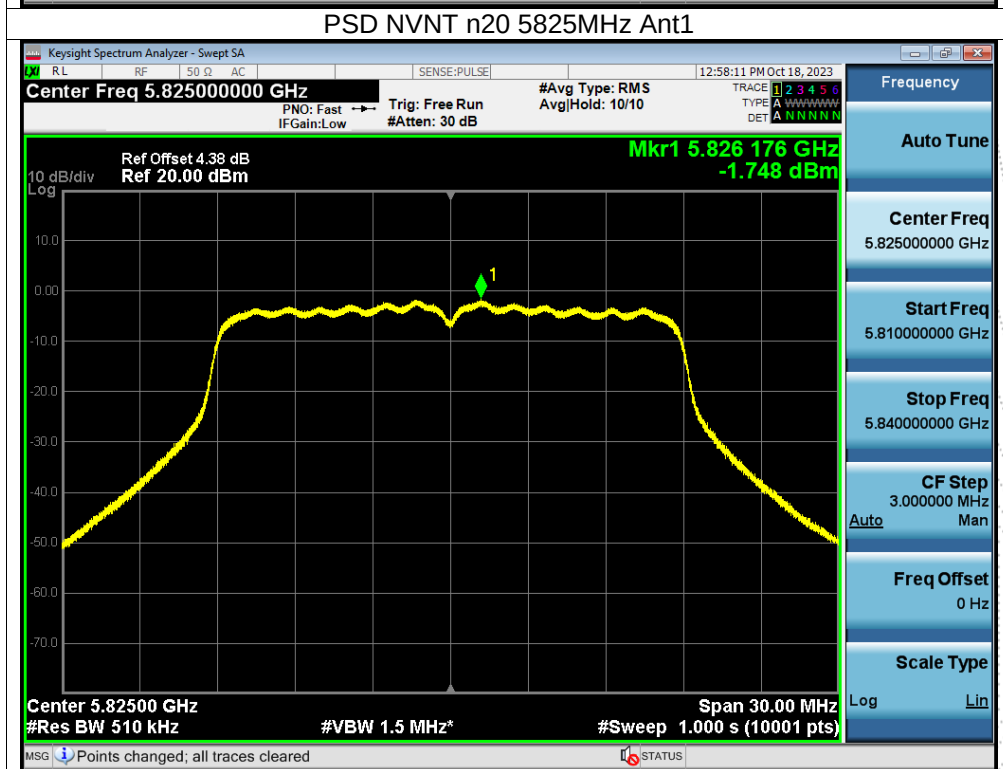
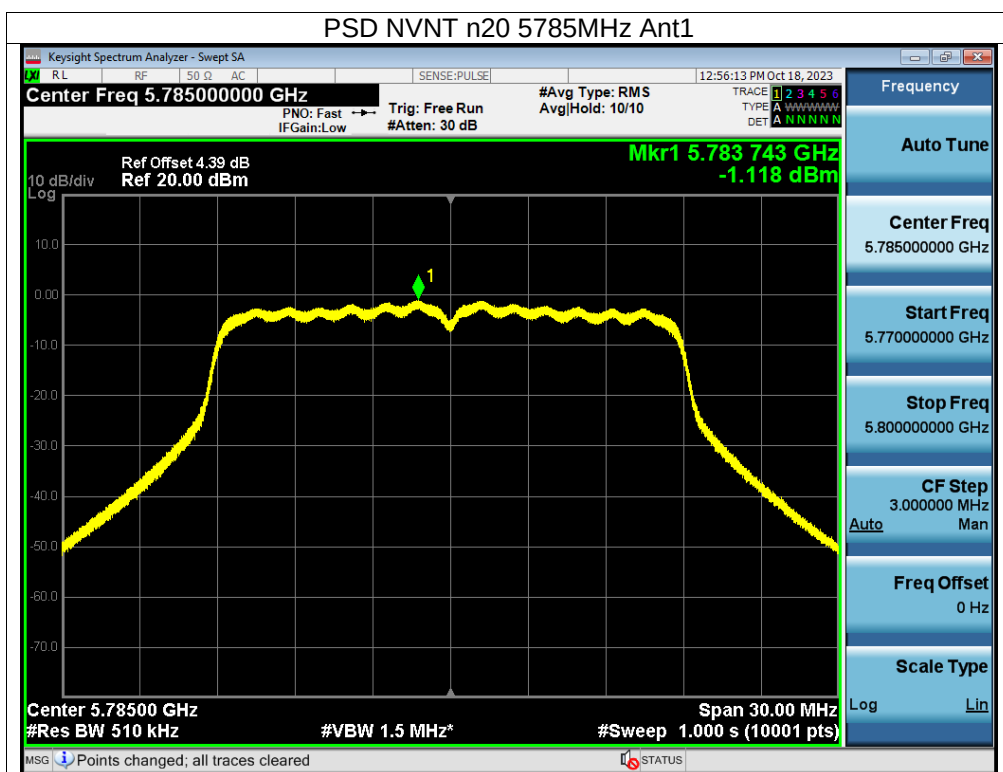
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/500KHz)			Total (dBm/500KH)	Limit (dBm/500KHz)	Verdict
			Ant A	Ant B	Ant C			
NVNT	a	5745	-1.22	-1.55	-0.77	/	30	Pass
NVNT	a	5785	-1.63	-1.66	-0.95	/	30	Pass
NVNT	a	5825	-2.33	-2.32	-1.98	/	30	Pass
NVNT	n20	5745	-1.18	-1.36	-1.74	3.35	26.23	Pass
NVNT	n20	5785	-1.12	-1.71	-2.38	3.06	26.23	Pass
NVNT	n20	5825	-1.75	-2.04	-2.64	2.64	26.23	Pass
NVNT	n40	5755	-4.23	-3.77	-4.07	0.75	26.23	Pass
NVNT	n40	5795	-4.84	-4.03	-4.65	0.28	26.23	Pass
NVNT	ac20	5745	-1.67	-2.07	-2.02	2.85	26.23	Pass
NVNT	ac20	5785	-2.33	-3.09	-3.62	1.79	26.23	Pass
NVNT	ac20	5825	-2.68	-3.12	-3.62	1.65	26.23	Pass
NVNT	ac40	5755	-3.49	-3.48	-3.62	1.24	26.23	Pass
NVNT	ac40	5795	-5.85	-5.59	-5.79	-0.97	26.23	Pass
NVNT	ac80	5775	-6.45	-6.33	-8.24	-2.15	26.23	Pass
NVNT	ax20	5745	-3.01	-2.8	-2.51	2.00	26.23	Pass
NVNT	ax20	5785	-3.3	-3.54	-3.28	1.40	26.23	Pass
NVNT	ax20	5825	-3.67	-3.49	-3.63	1.18	26.23	Pass
NVNT	ax40	5755	-6.03	-5.55	-5.6	-0.95	26.23	Pass
NVNT	ax40	5795	-6.31	-6.38	-6.16	-1.51	26.23	Pass
NVNT	ax80	5775	-9.86	-9.7	-9.45	-4.90	26.23	Pass

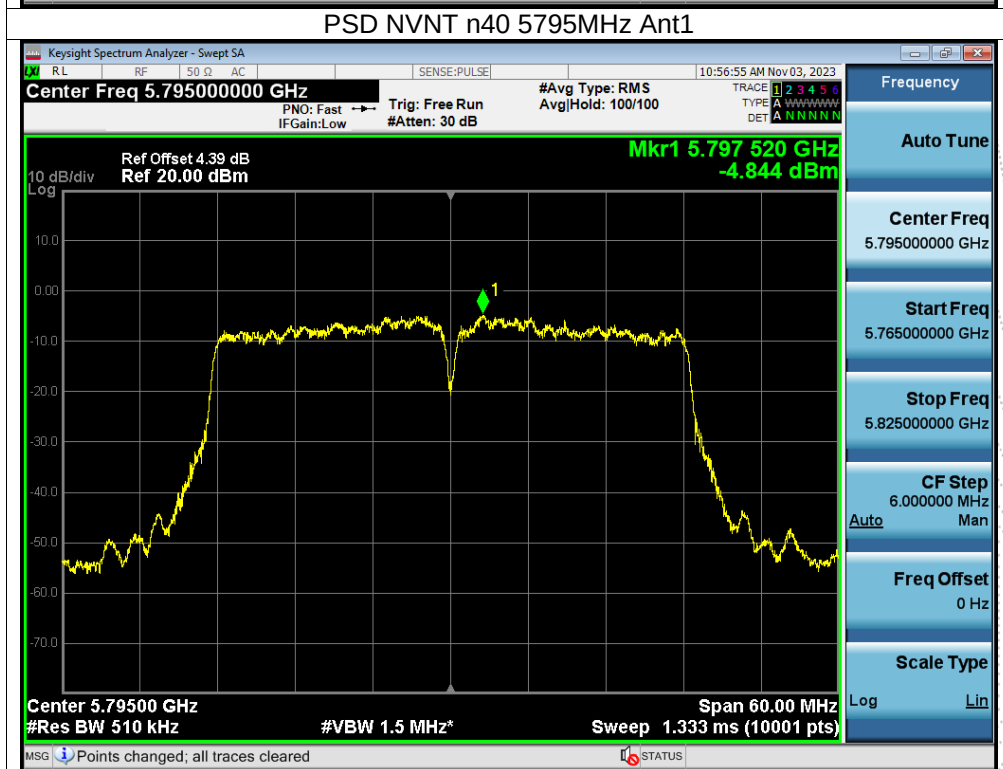
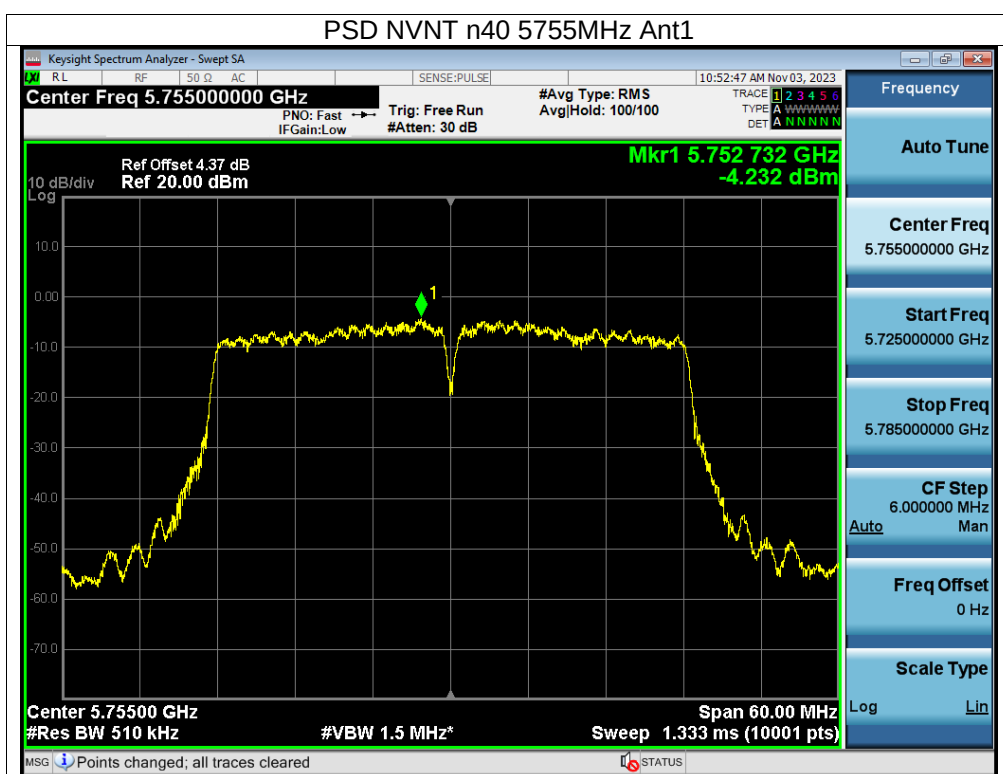
Total: antenna A+ antenna B + antenna C

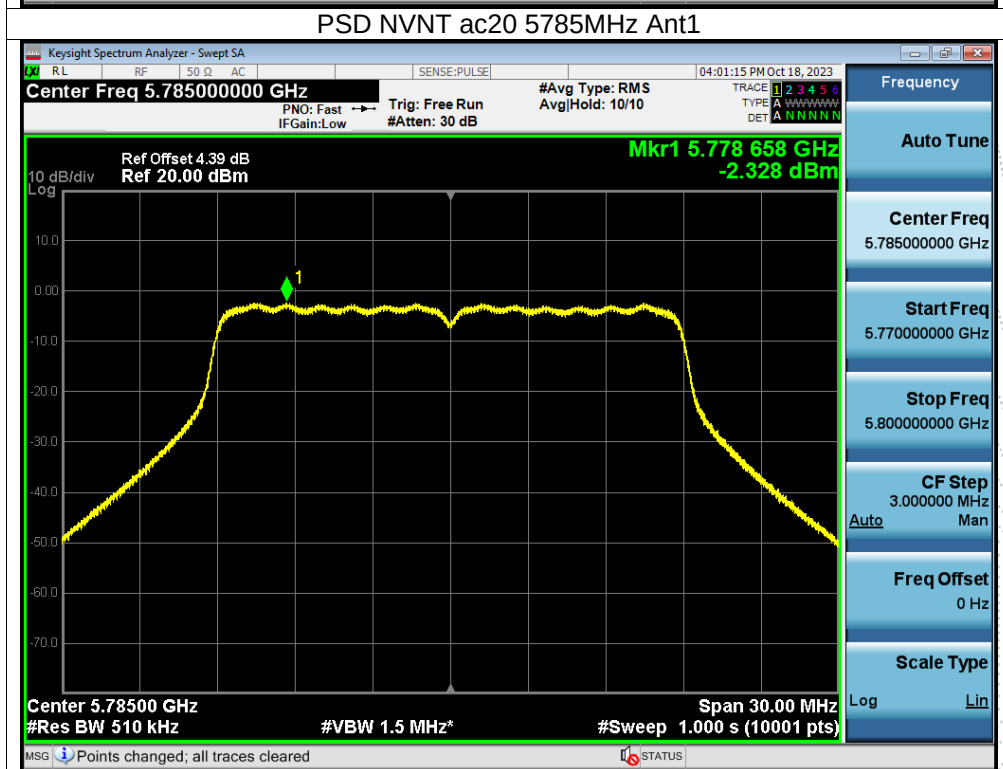
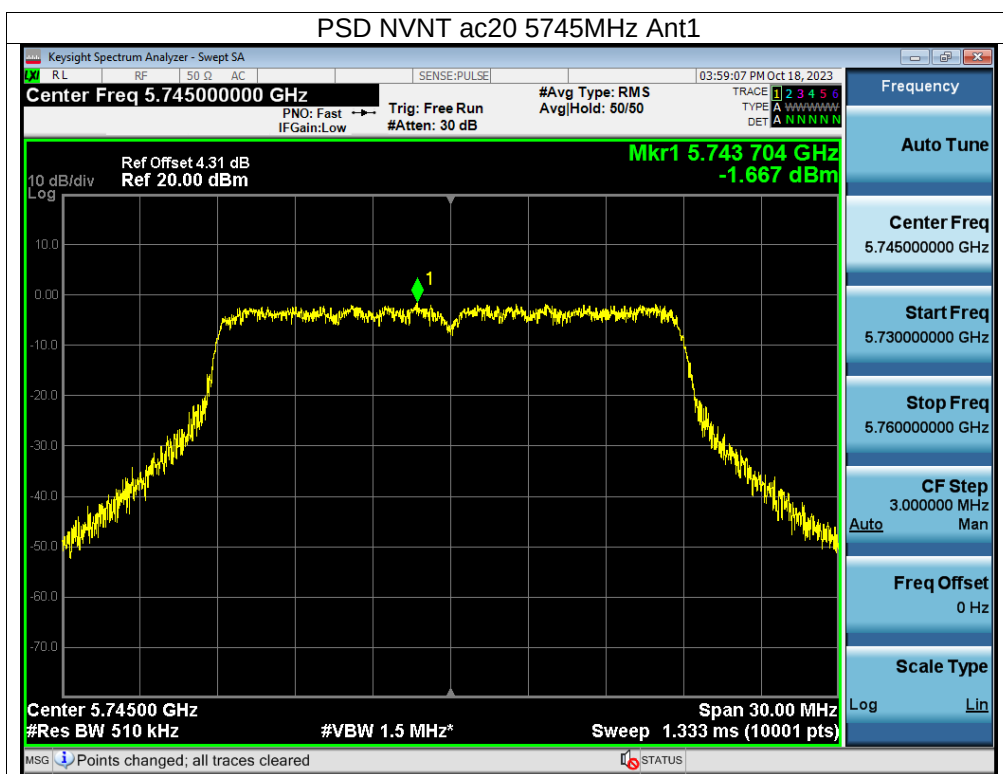
Ant A:

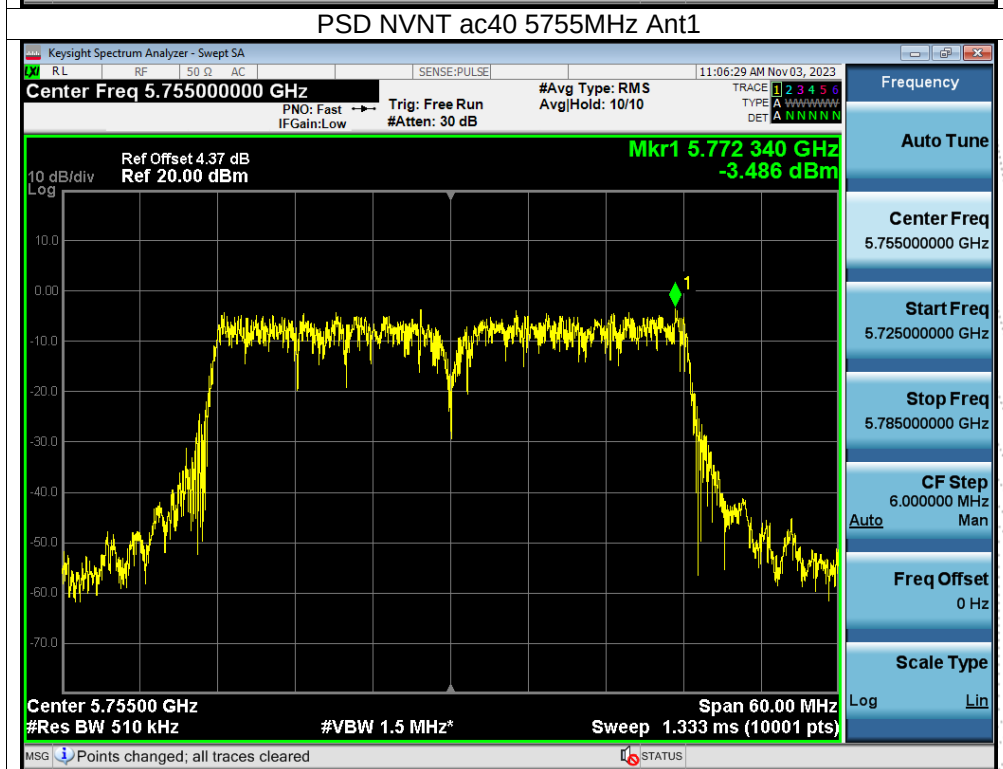
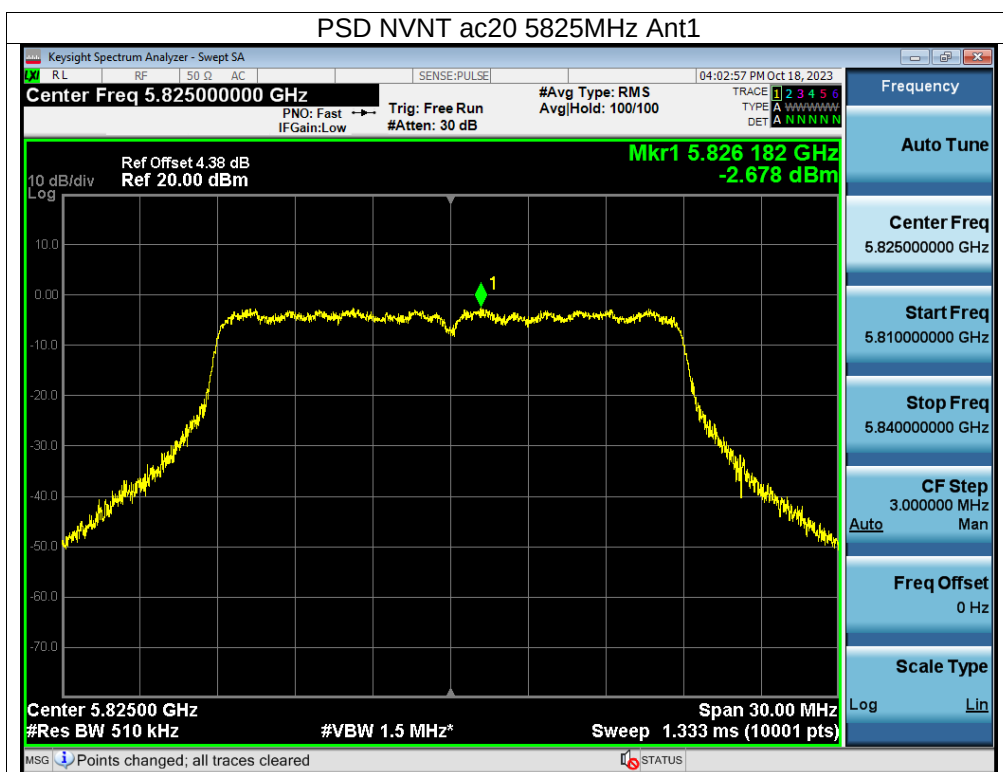


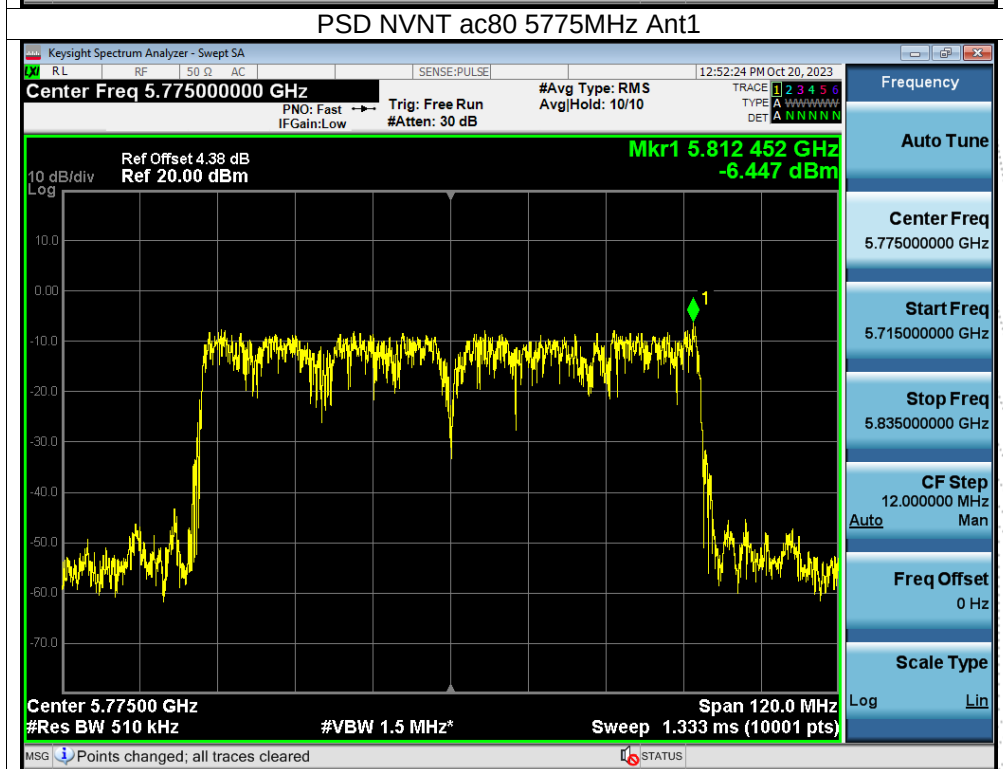
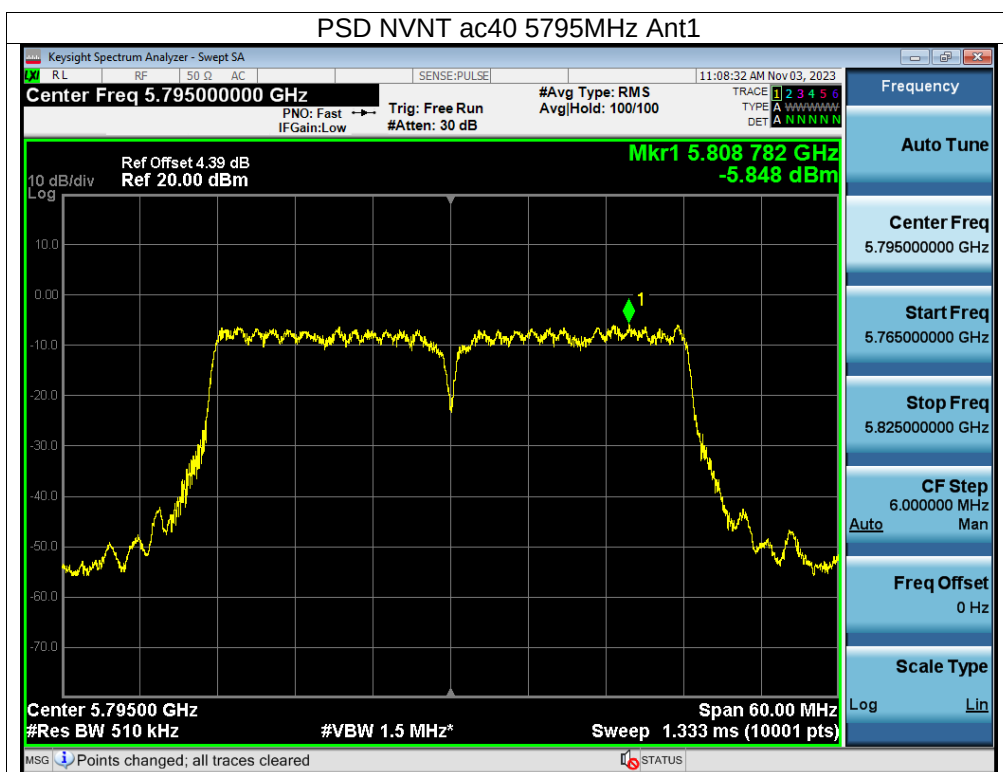


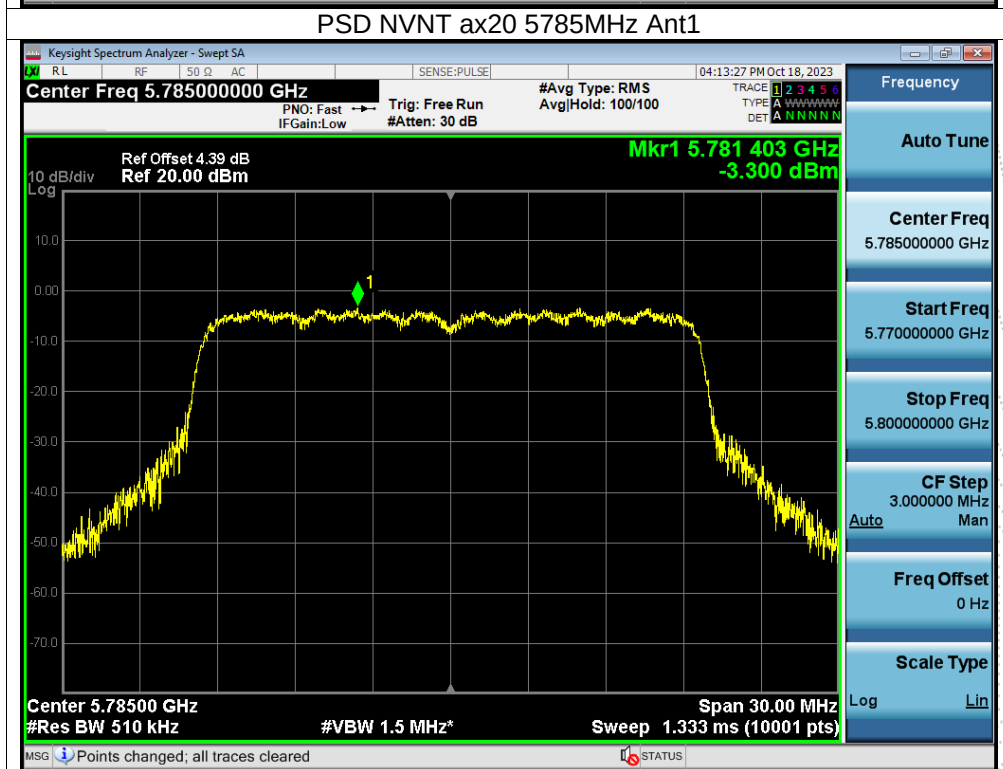
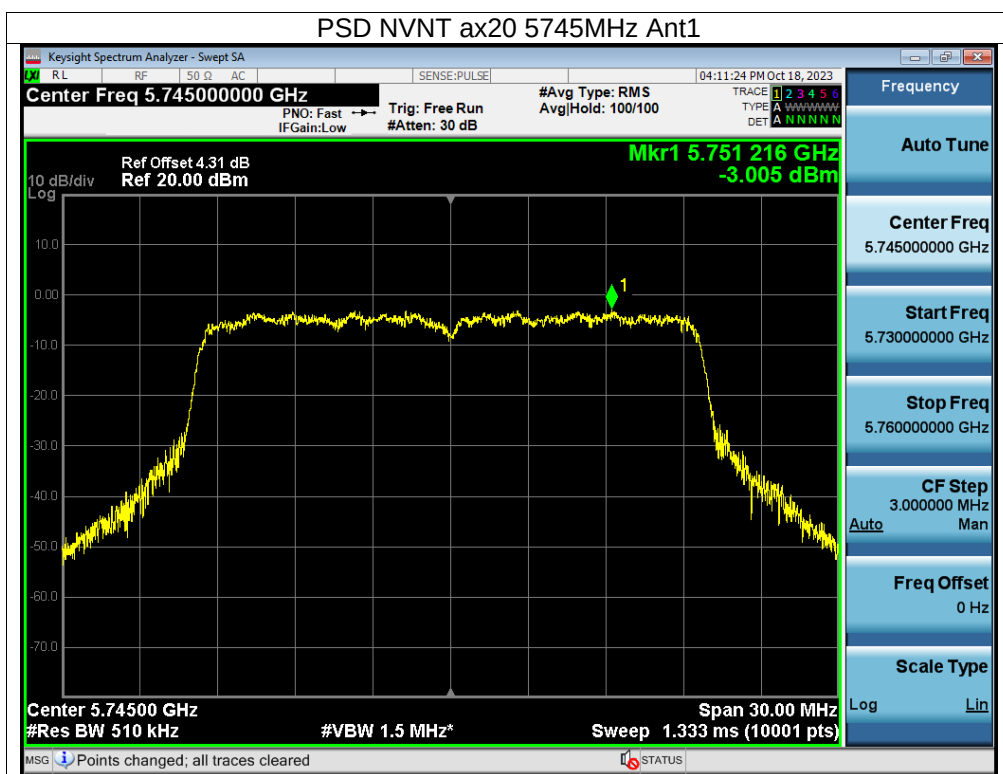


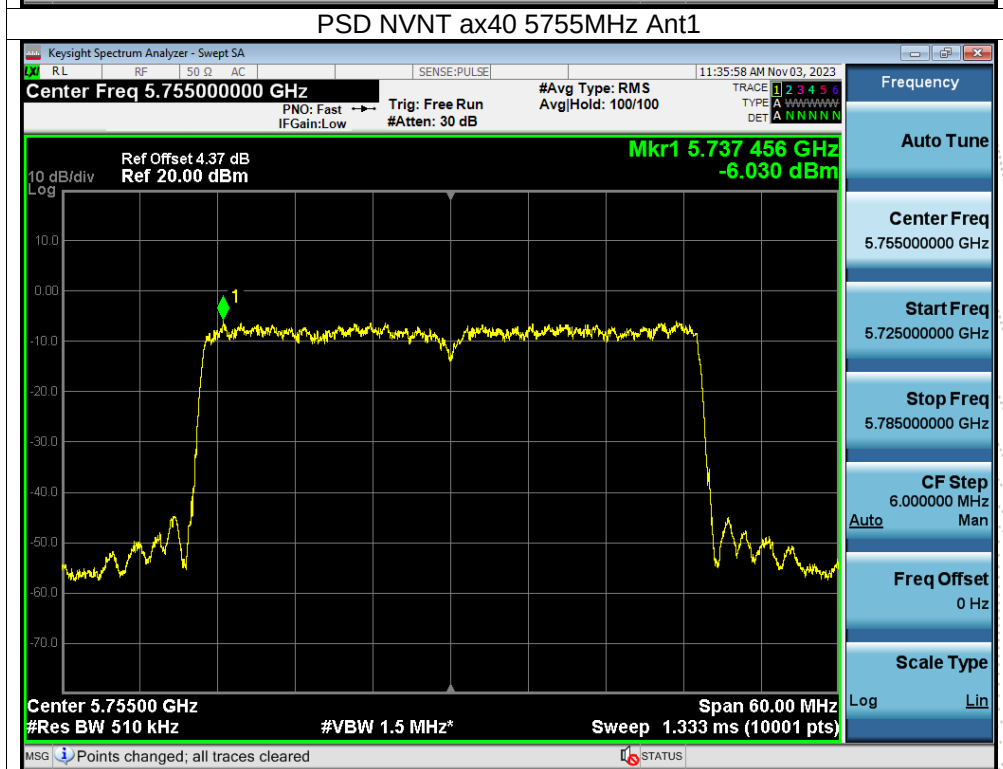
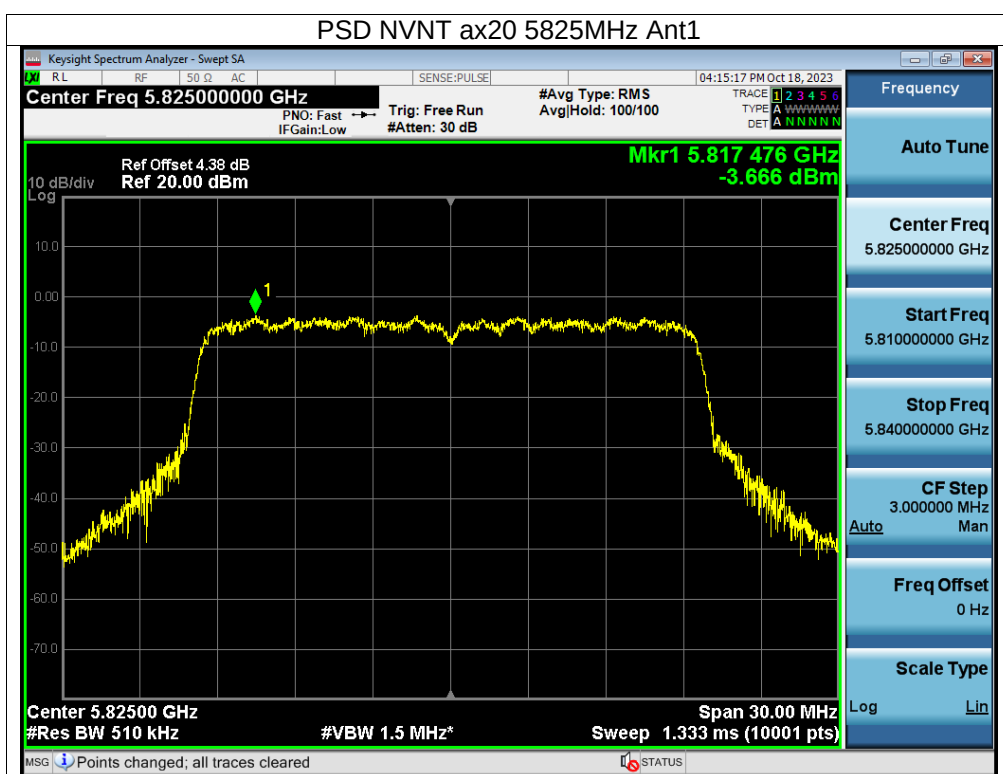


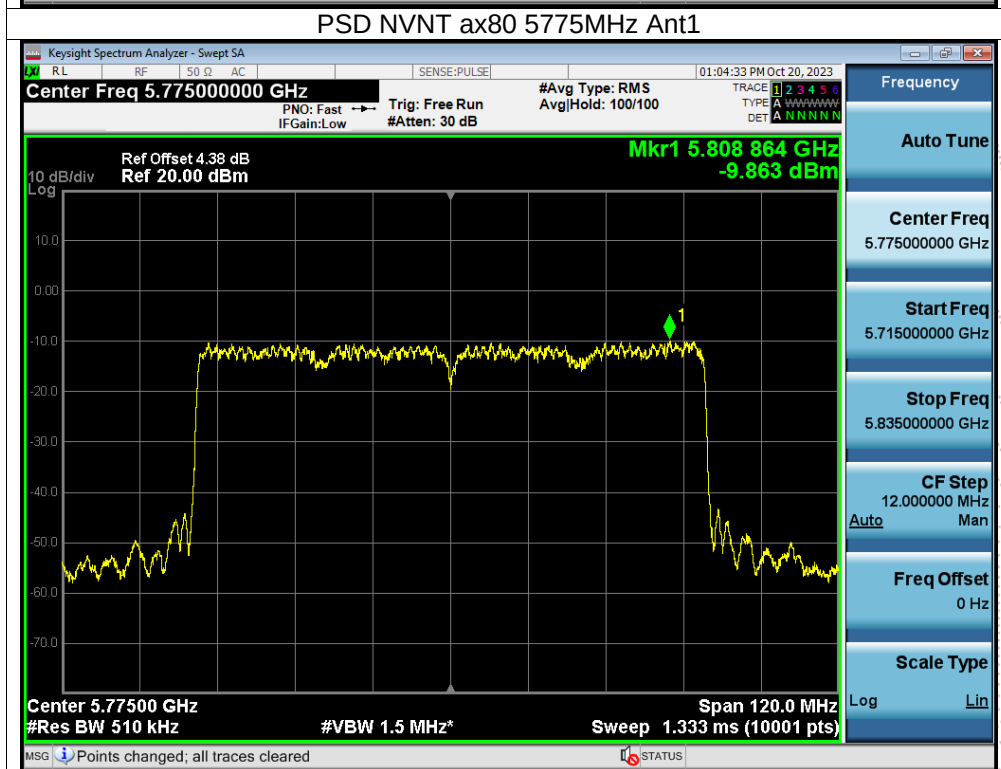
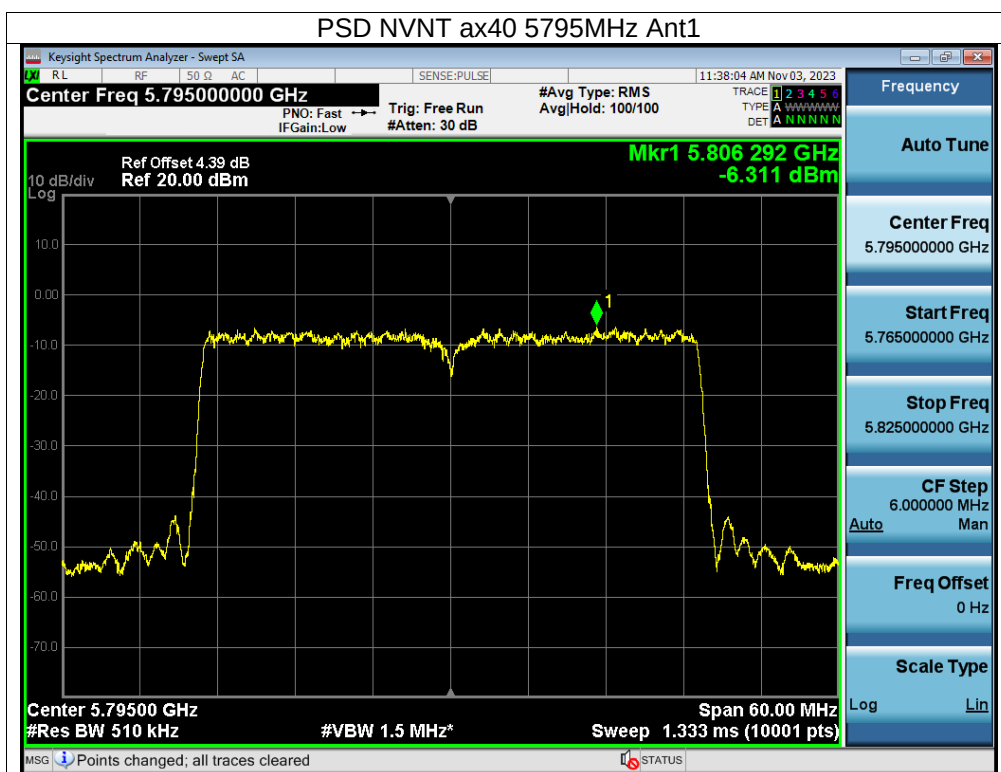






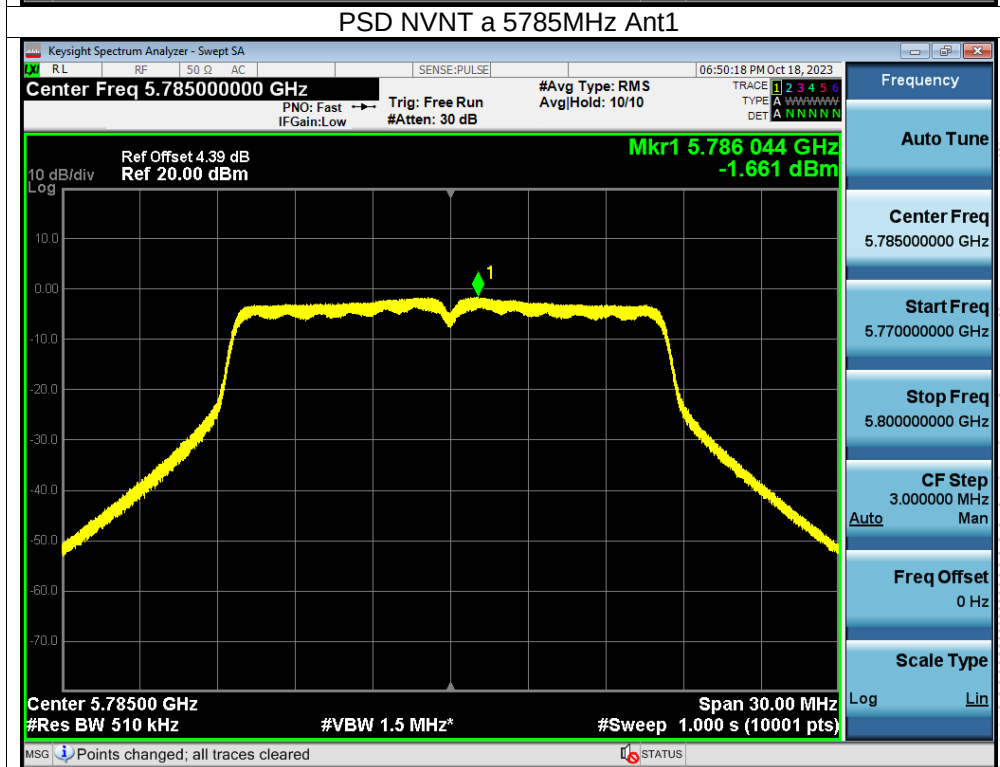
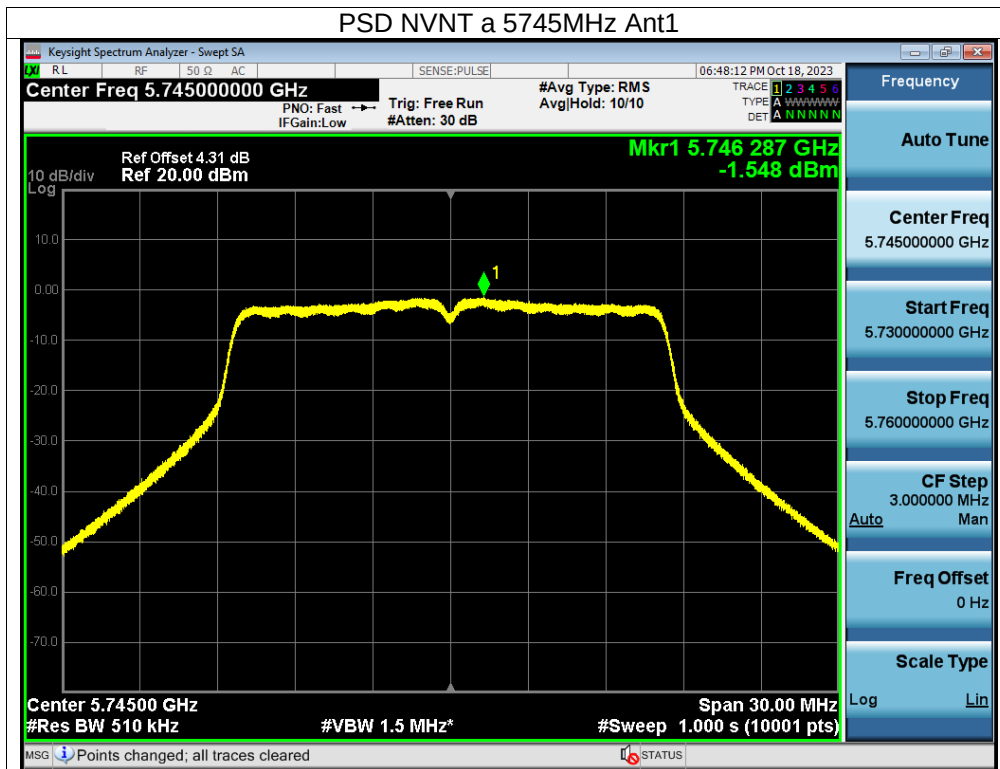


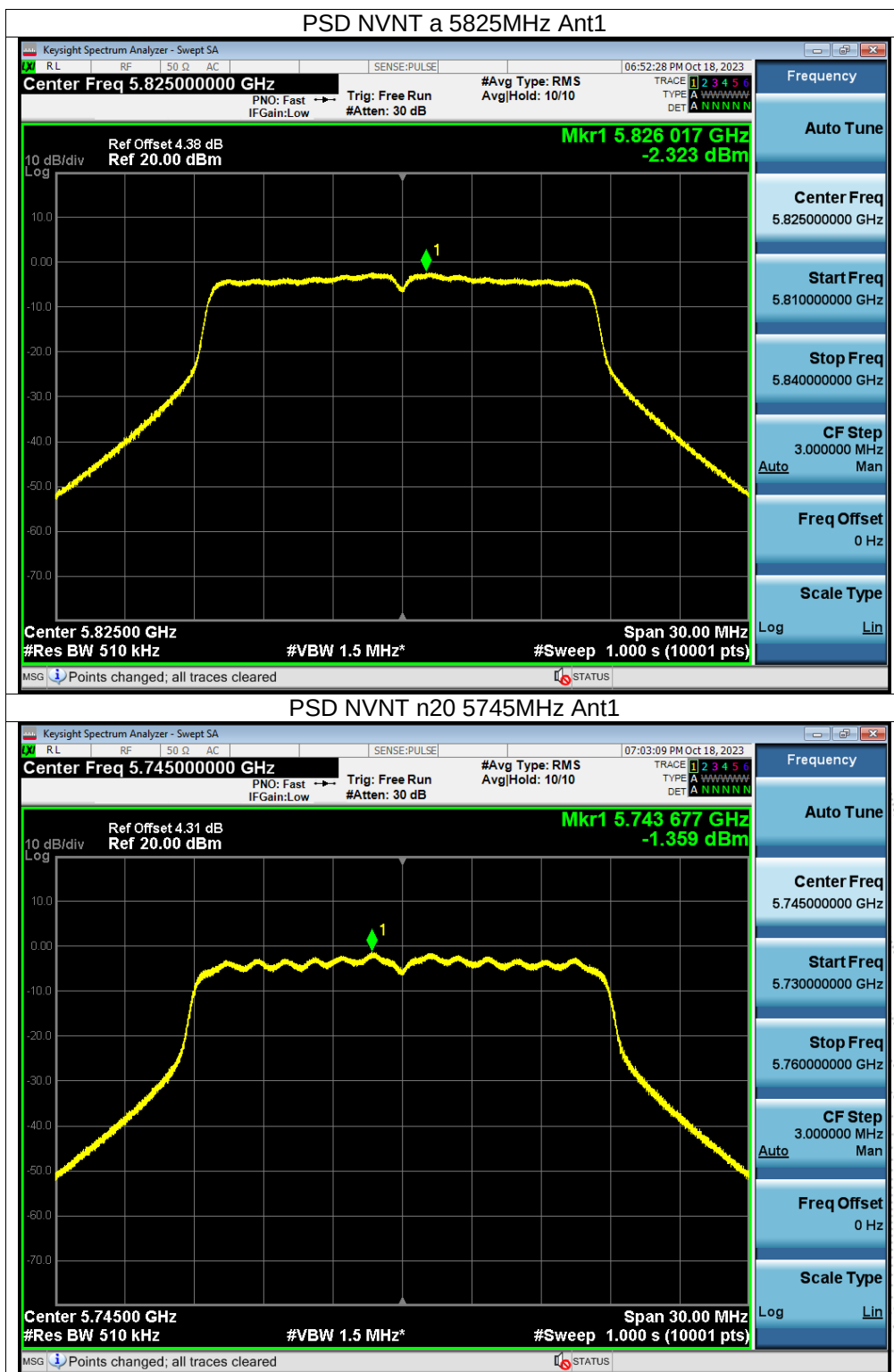


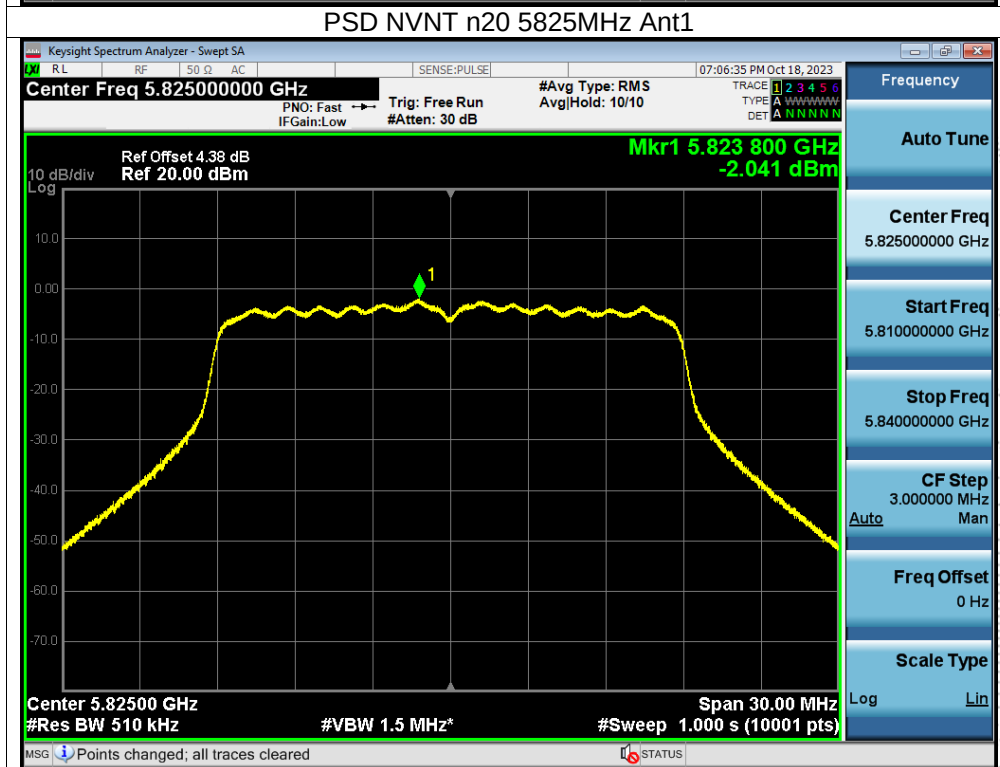
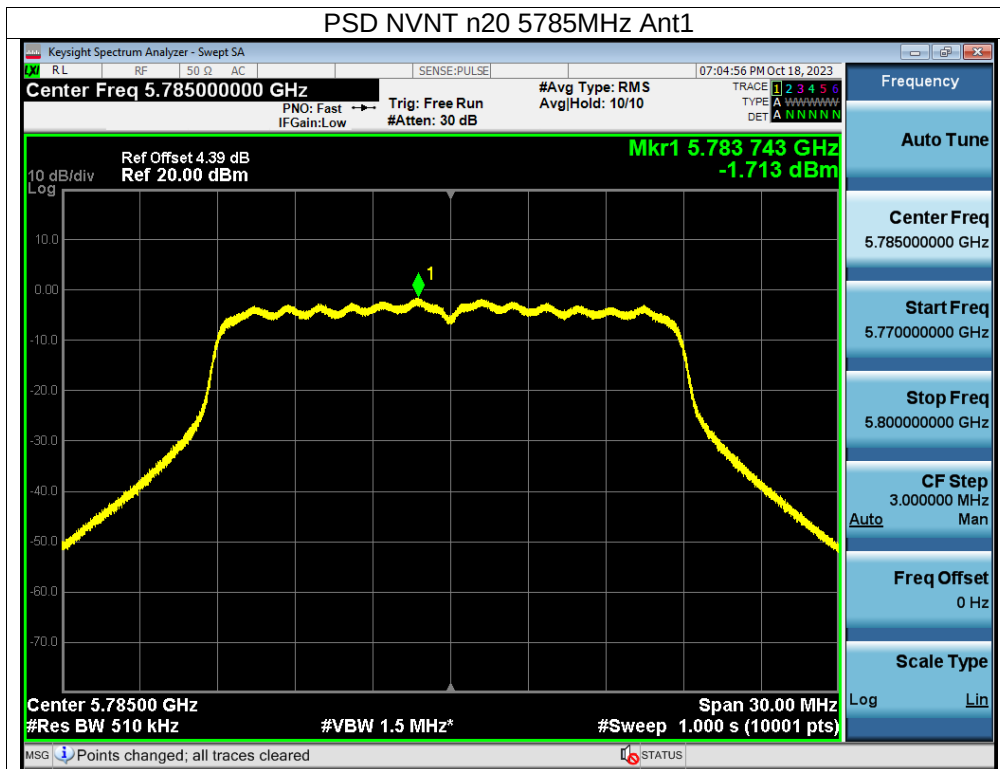


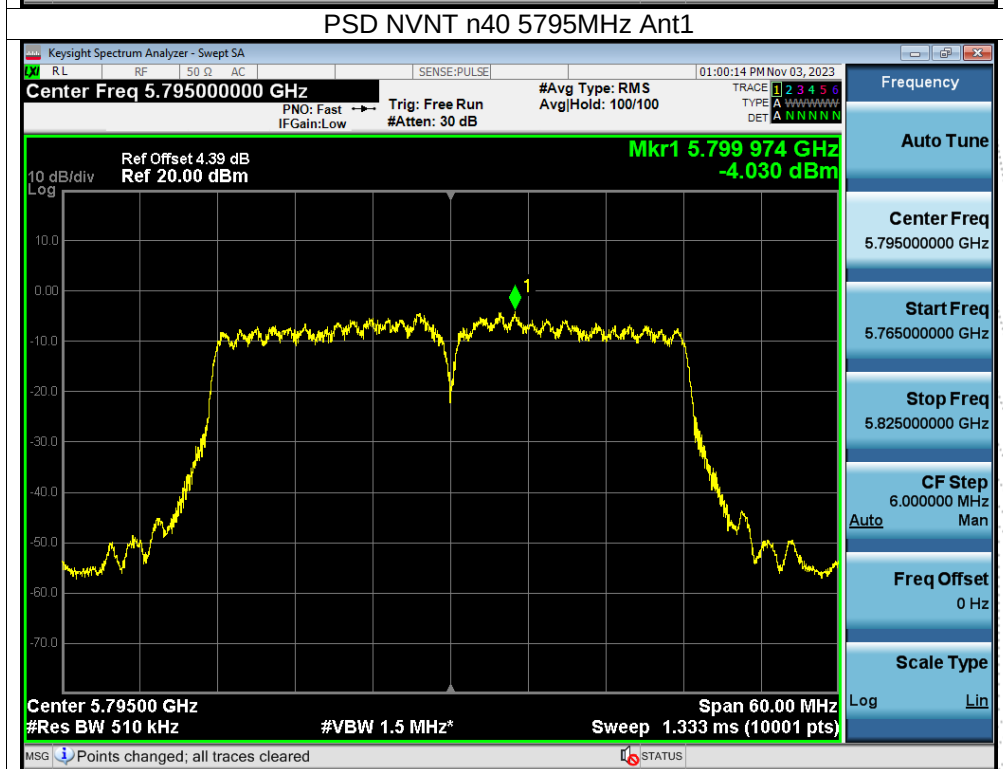
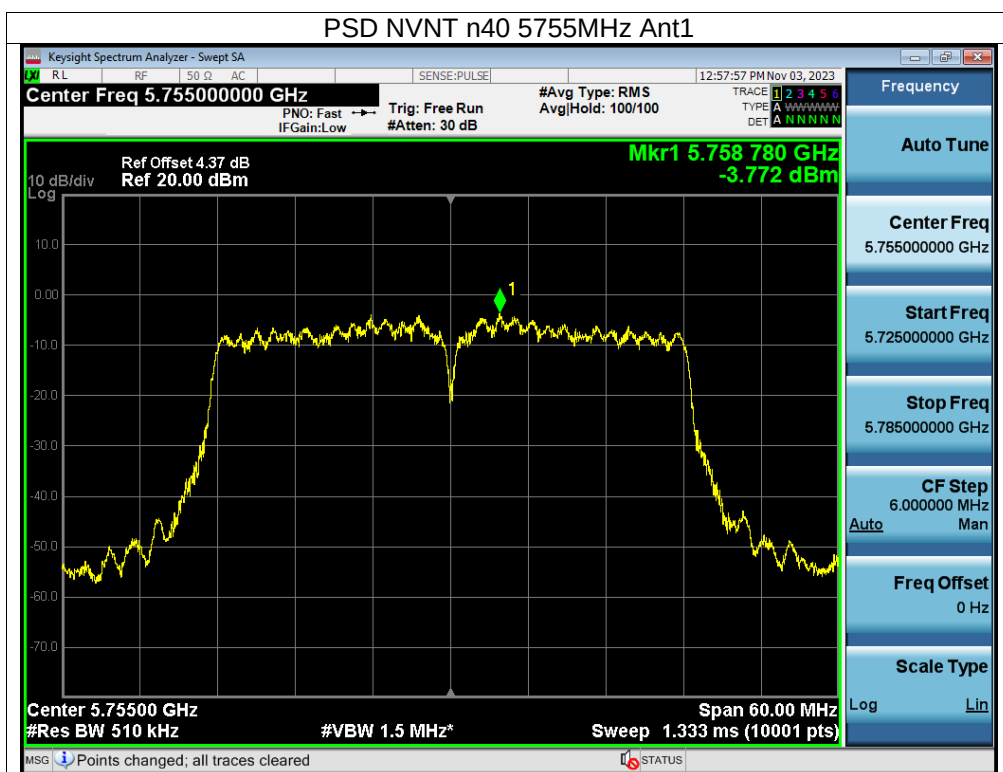


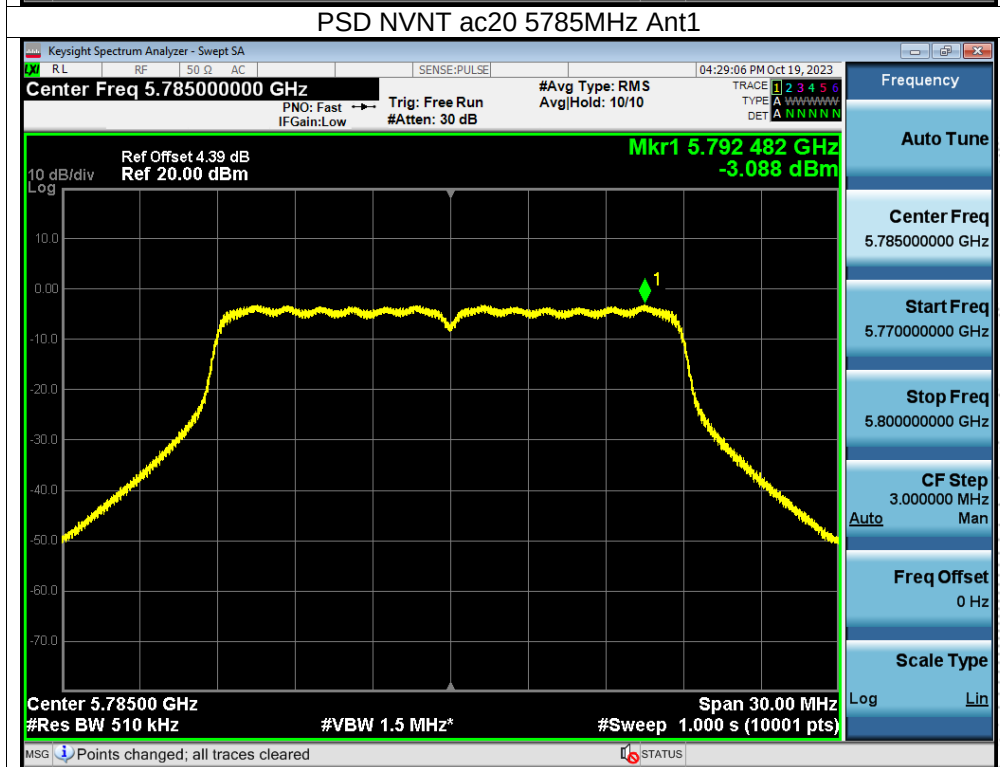
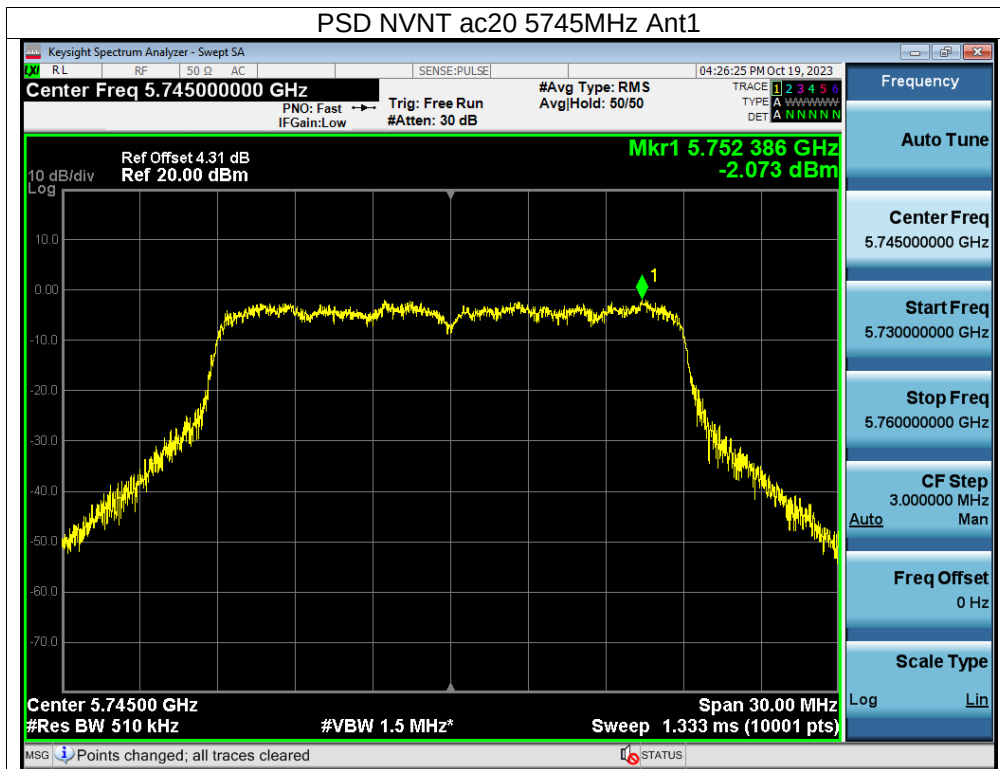
AntB:

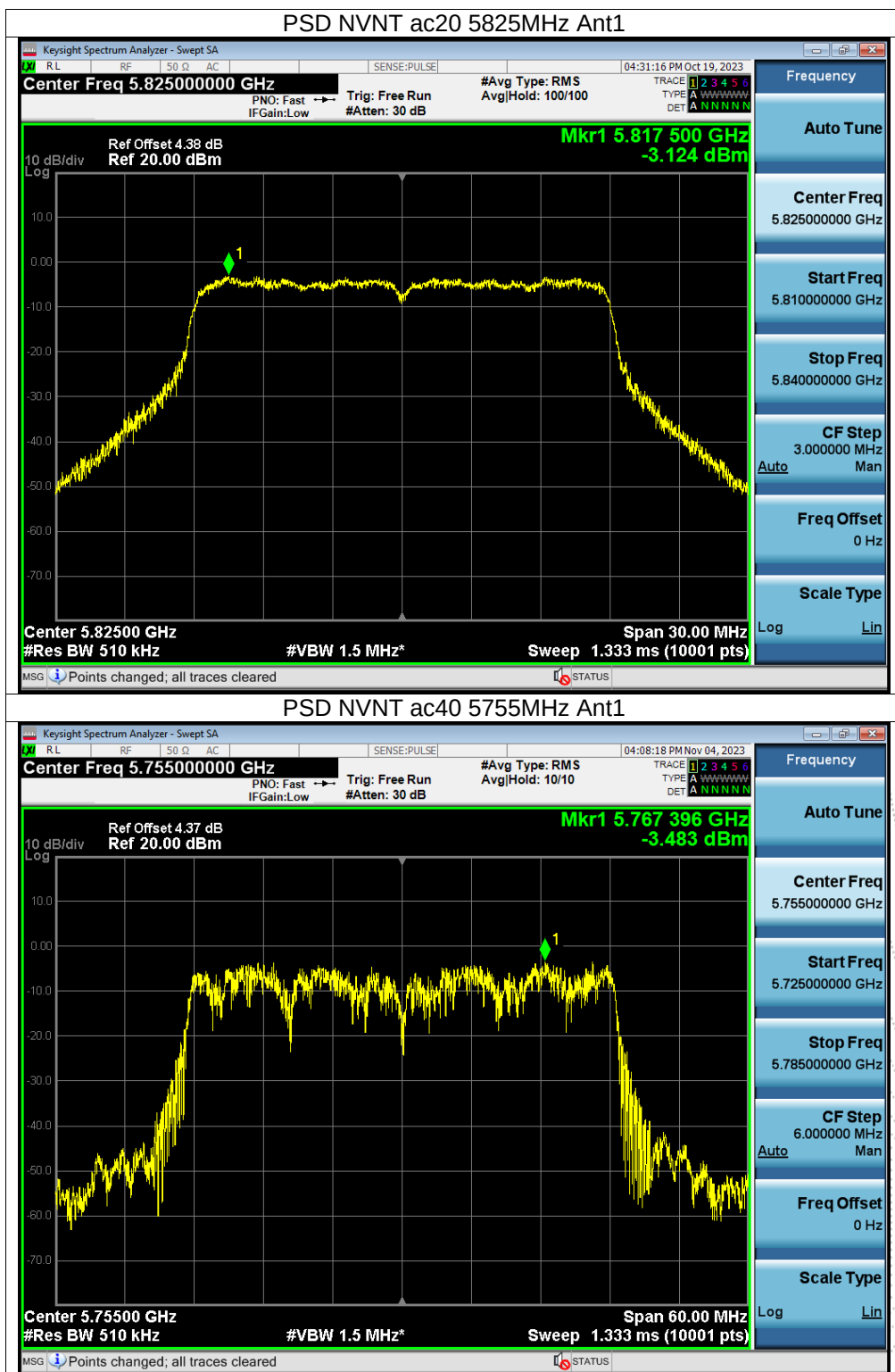




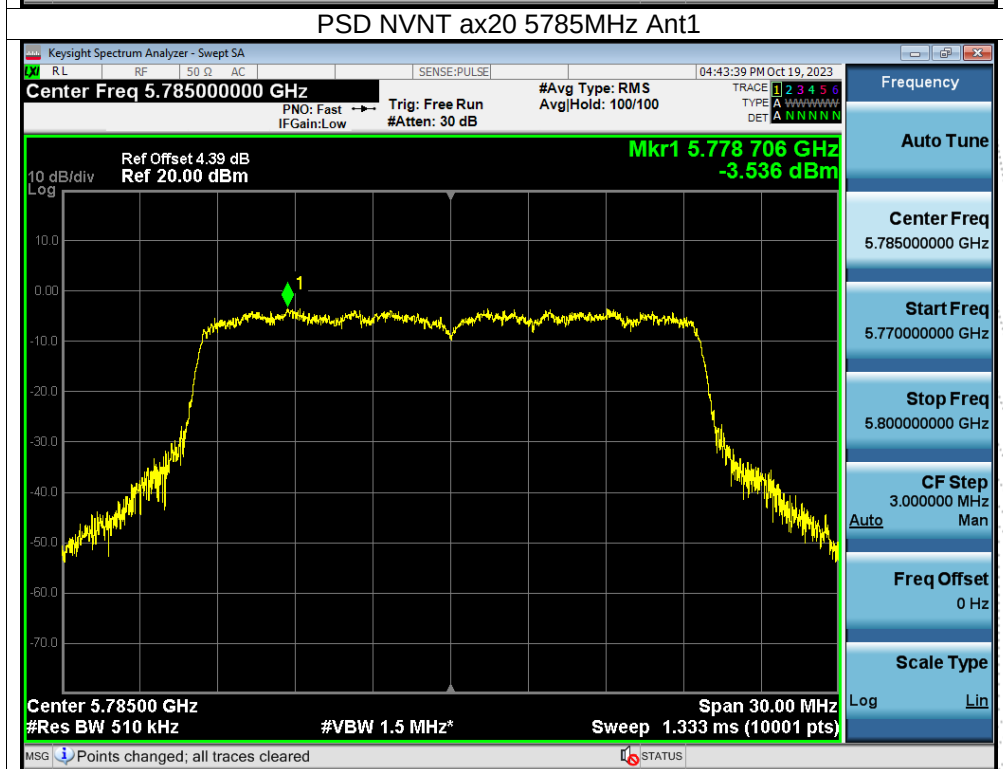
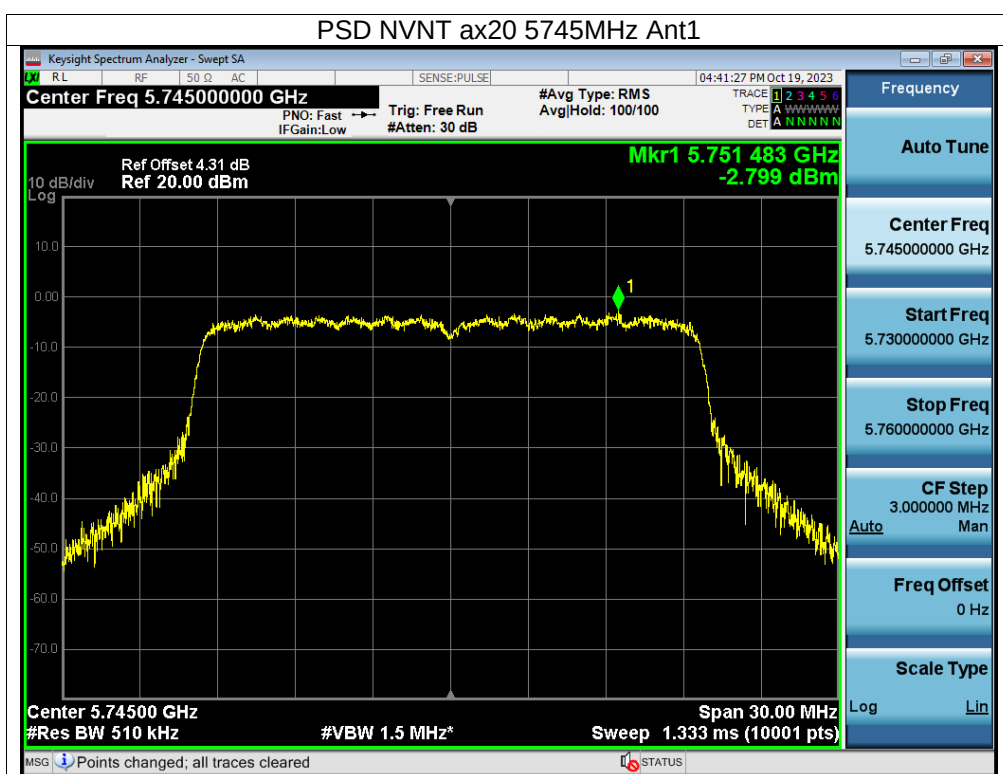


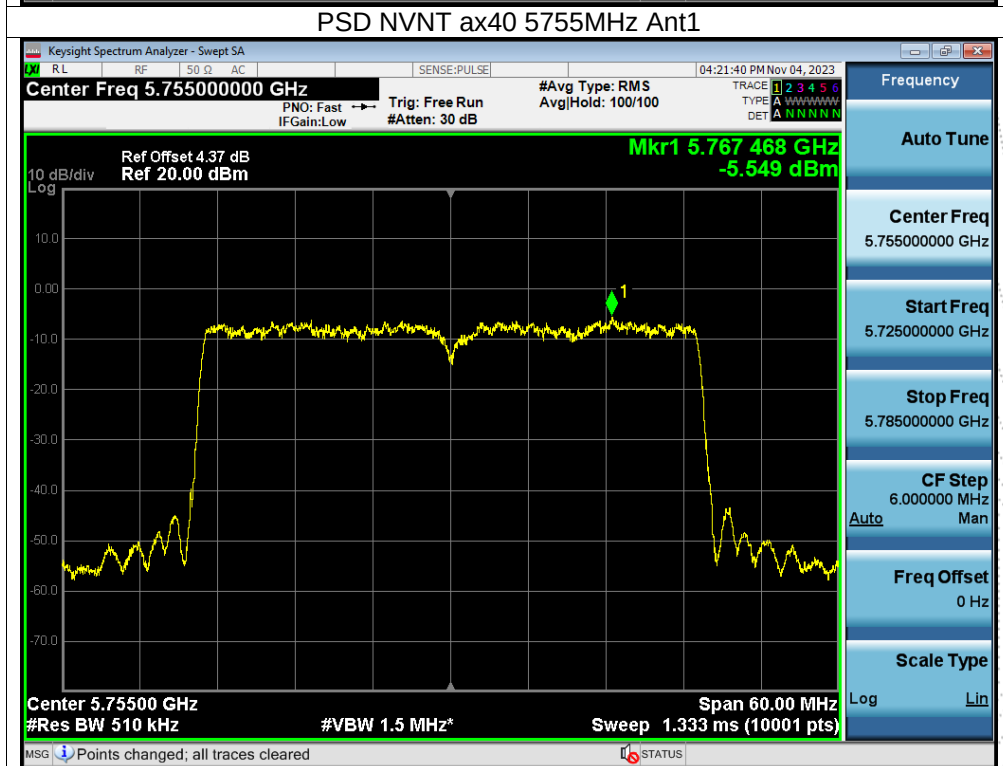
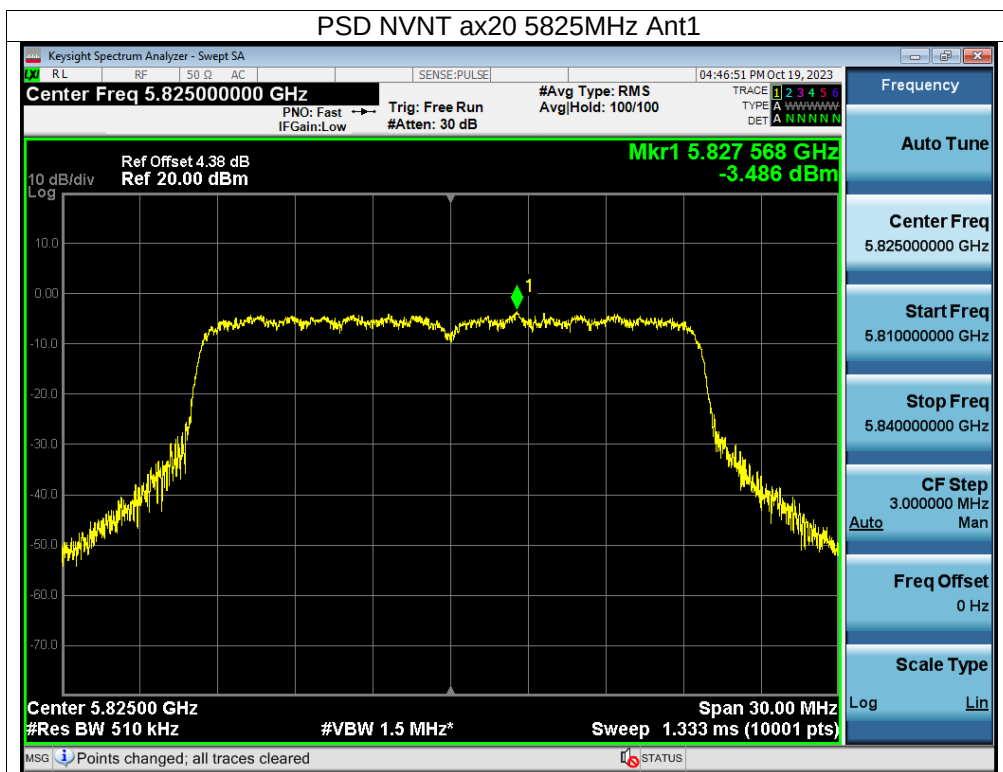










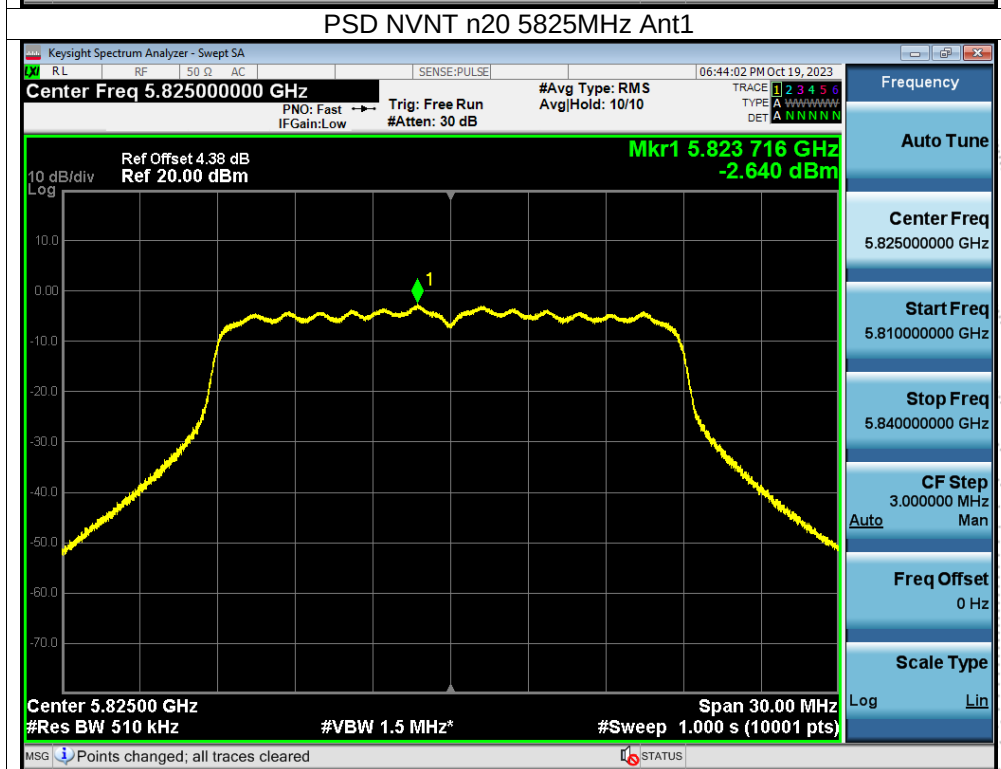
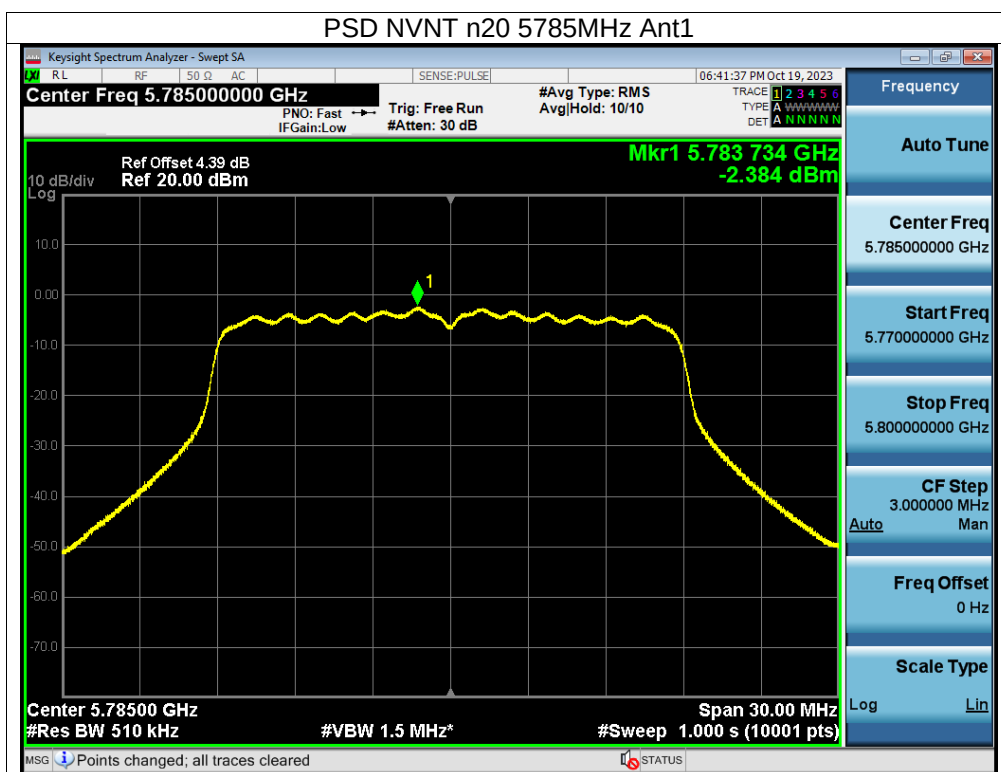


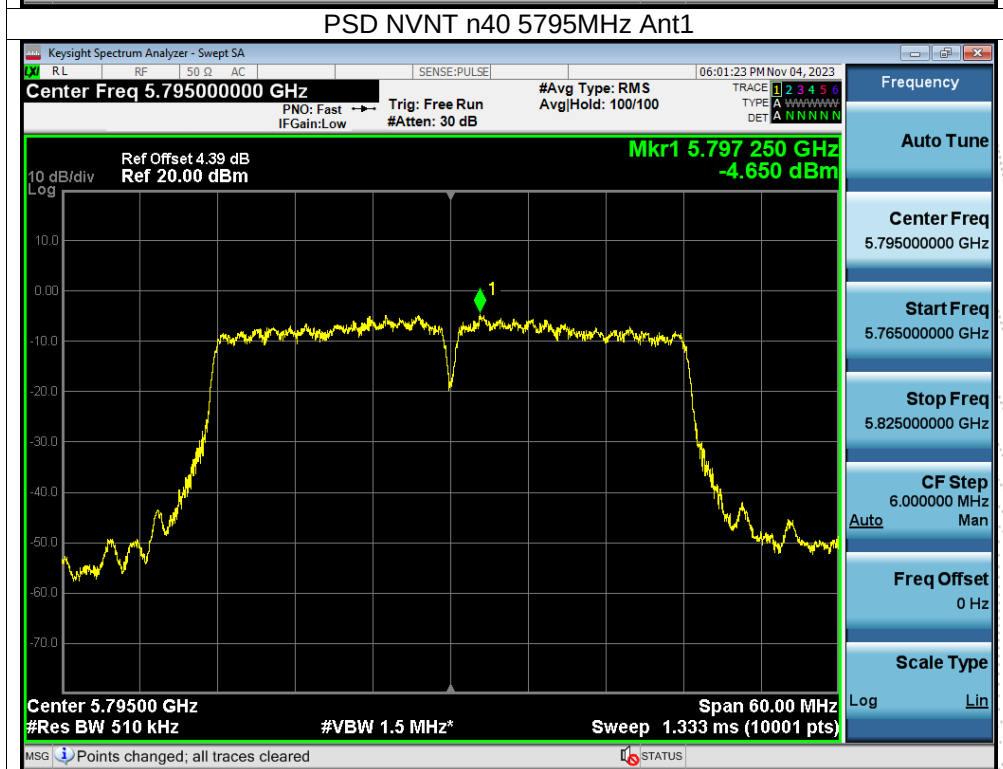
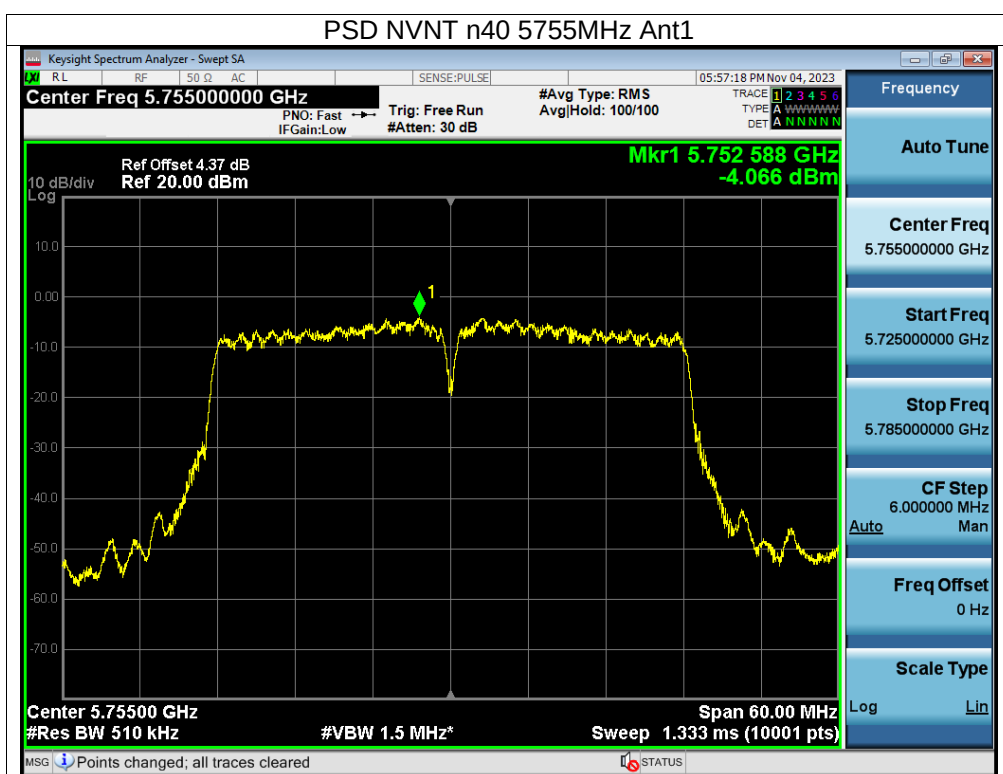


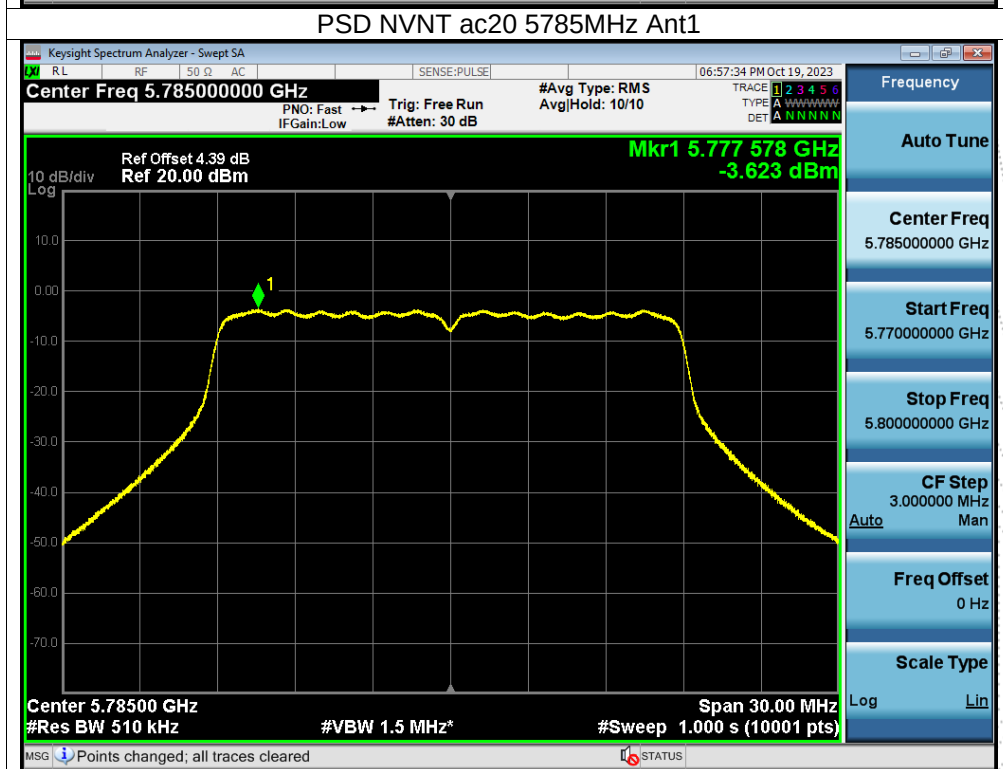
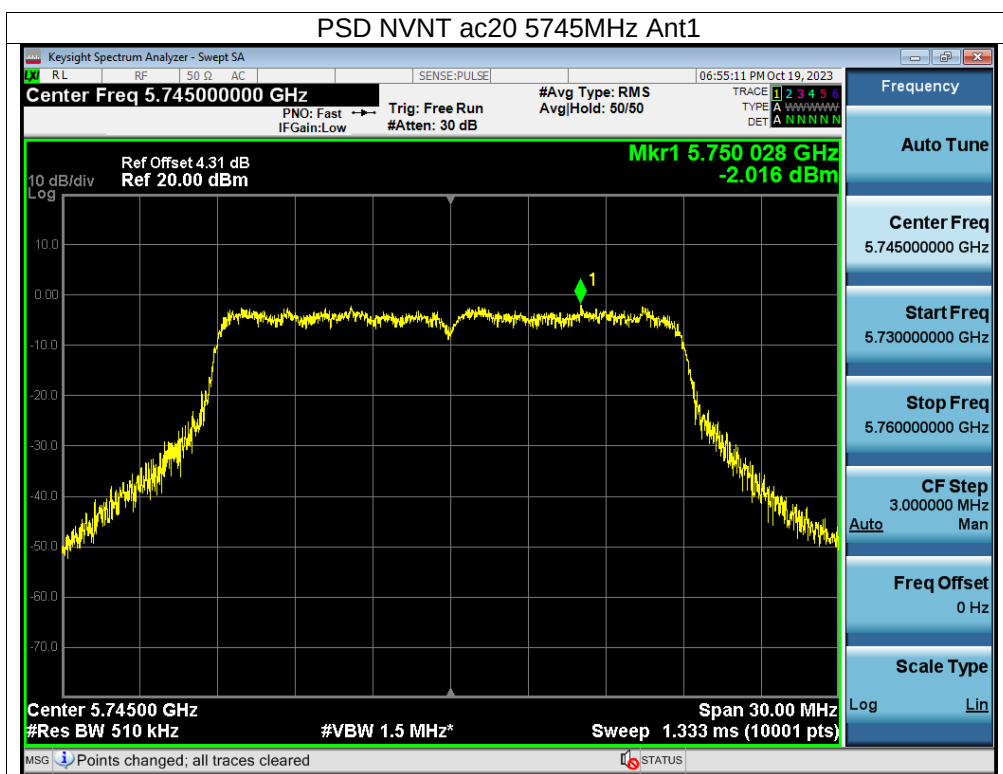
Ant C:

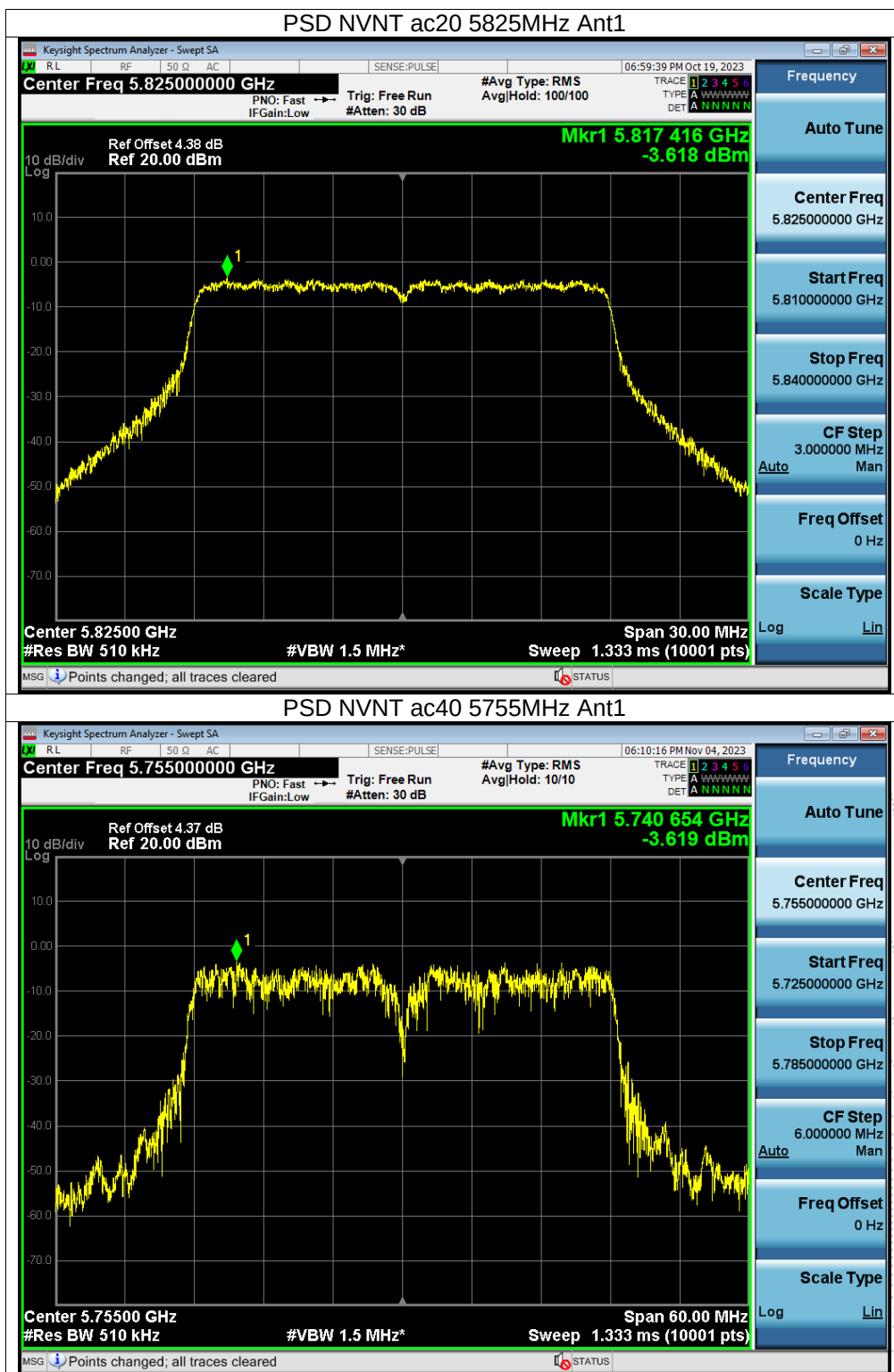




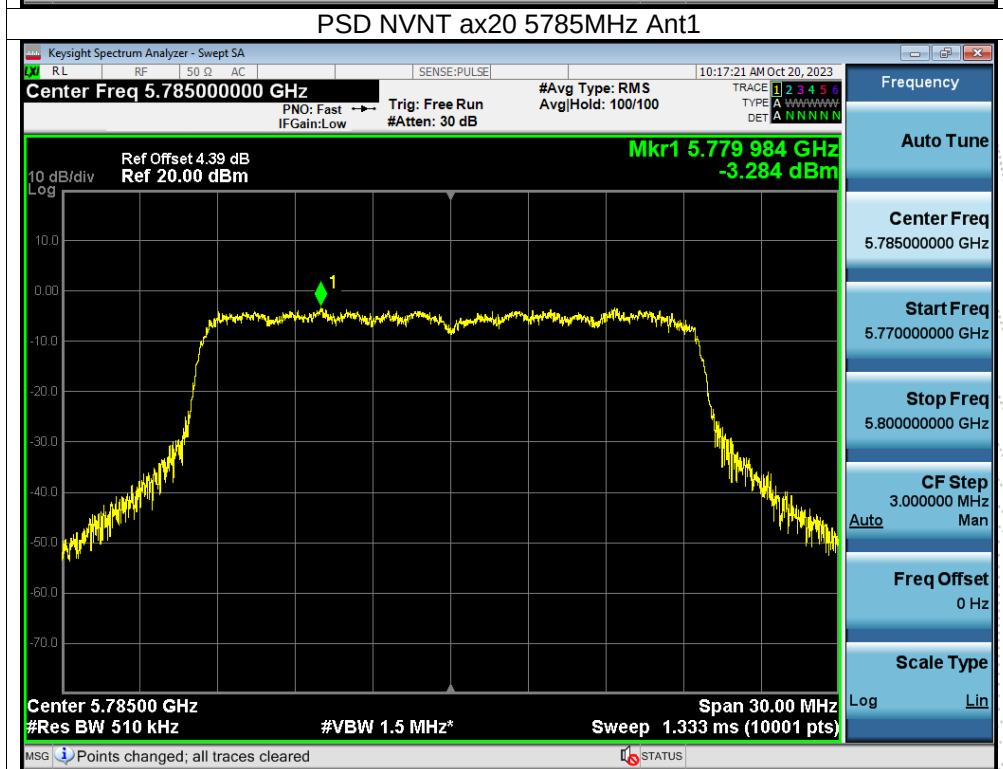
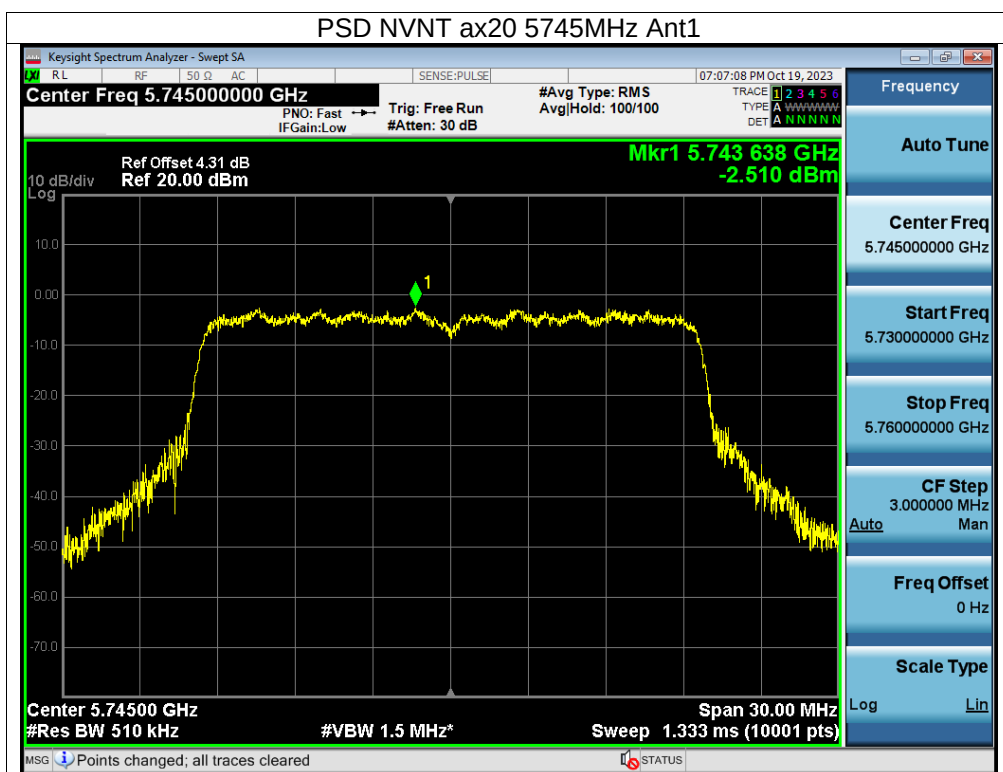










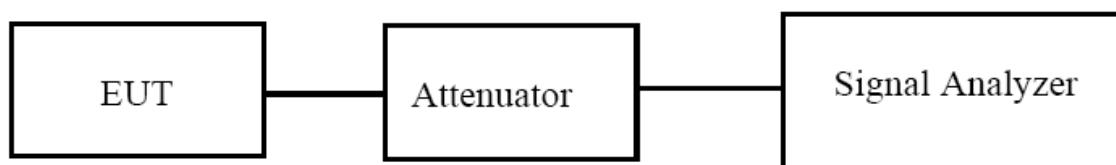






9. 26dB & 6dB & 99% Emission Bandwidth

9.1 Block Diagram Of Test Setup



9.2 Limit

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

9.3 Test Procedure

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

The following procedure shall be used for measuring (99 %) power bandwidth:

- Set center frequency to the nominal EUT channel center frequency.
- Set span = 1.5 times to 5.0 times the OBW.
- Set RBW = 1 % to 5 % of the OBW
- Set VBW $\geq 3 \cdot$ RBW
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- Use the 99 % power bandwidth function of the instrument (if available).
- If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

9.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

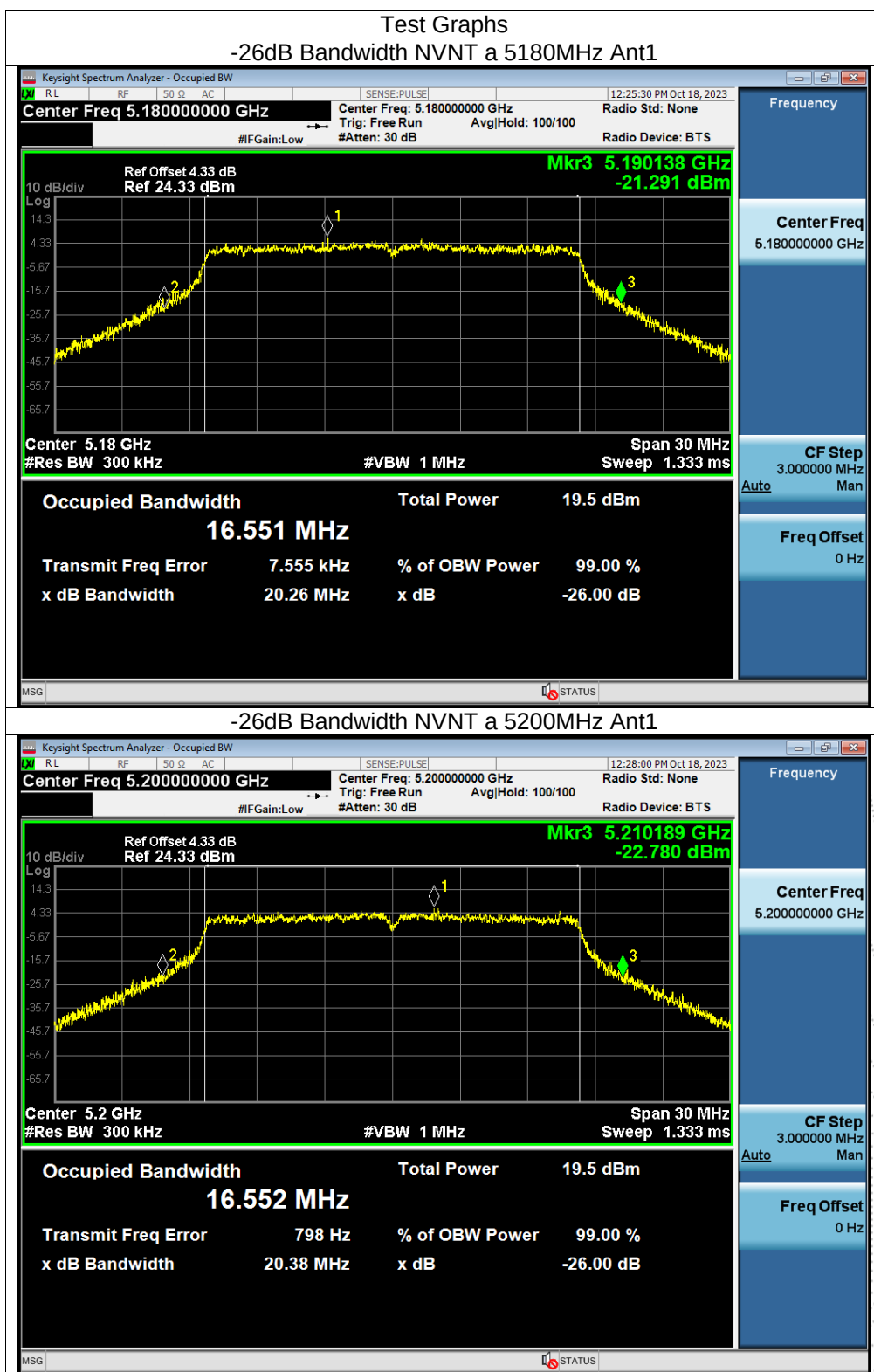
9.5 Test Result

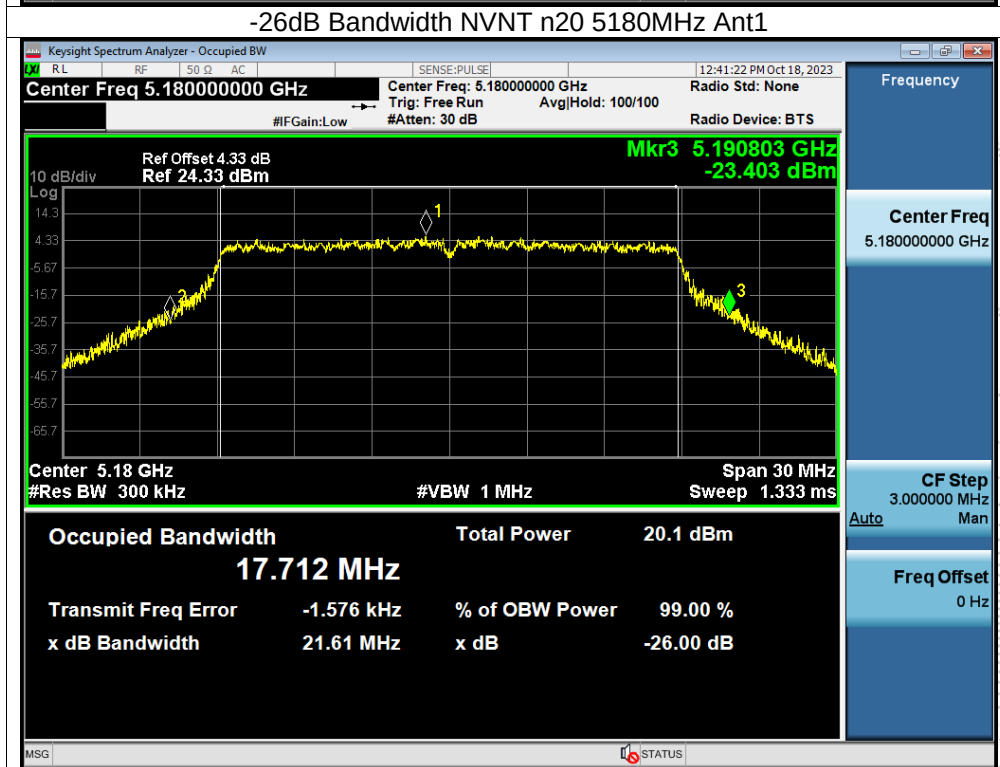
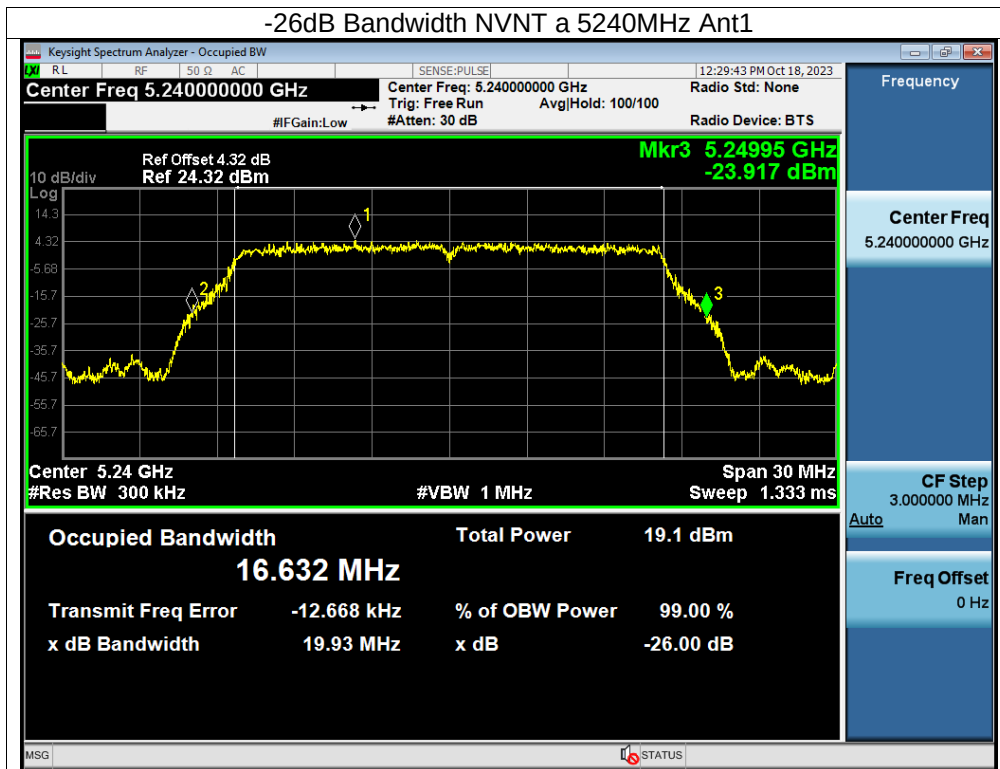
Note: A(B)(C) Represent the value of antenna A and B and C, The worst data is Antenna A, only shown Antenna A Plot.

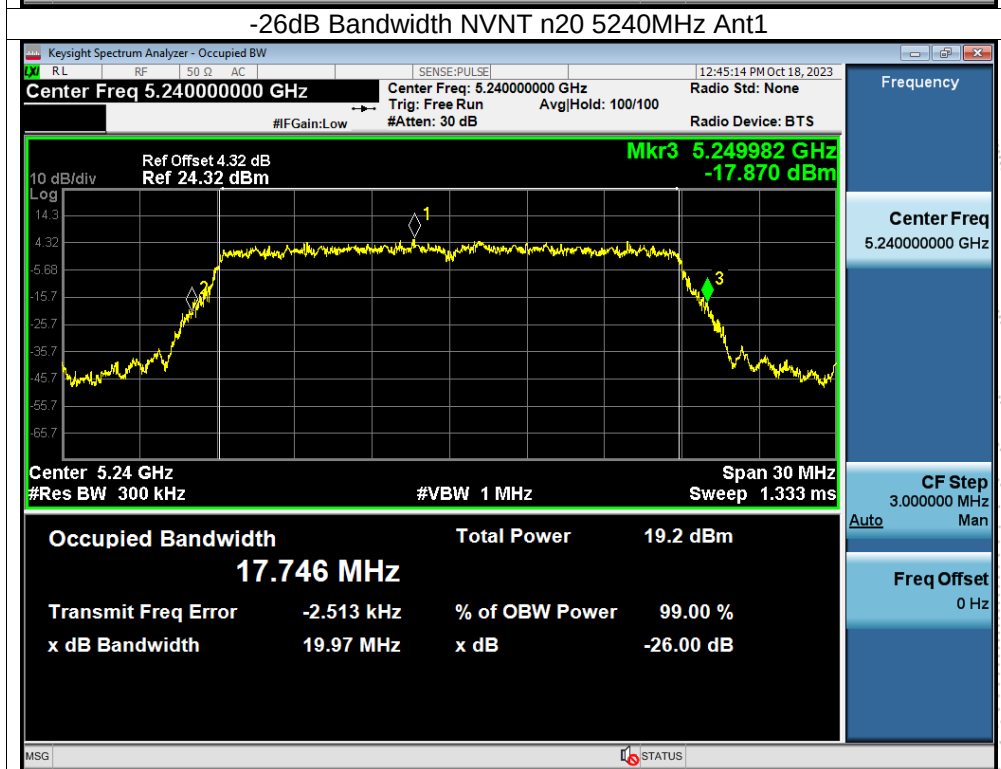
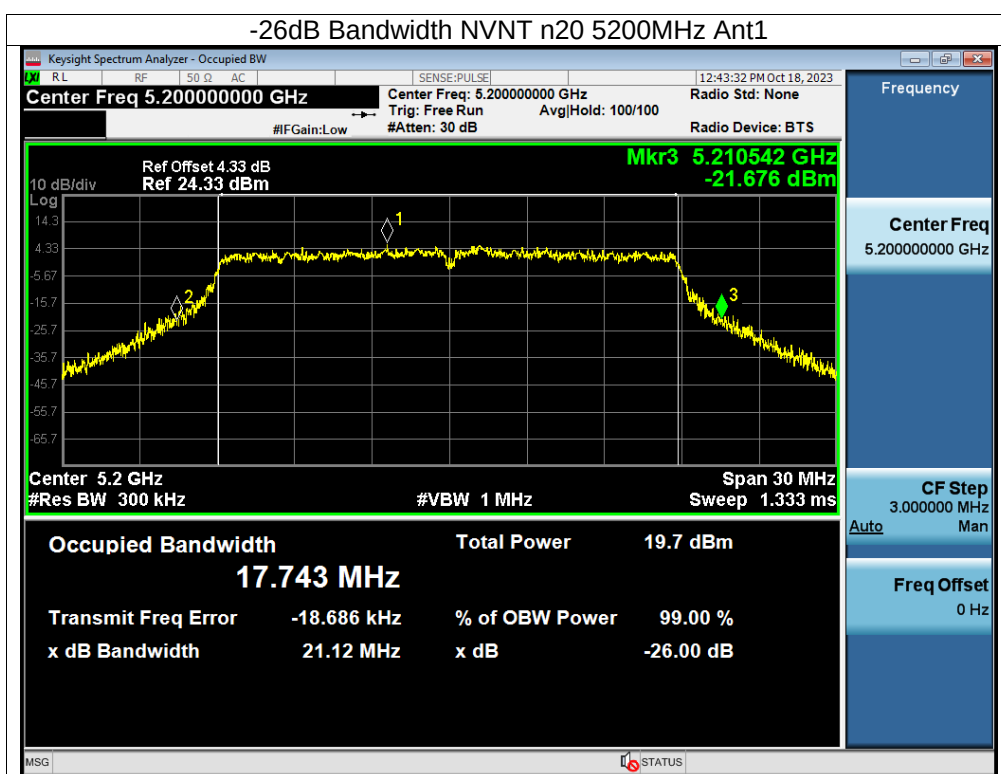
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
Test Mode:	(5180-5240MHz)		

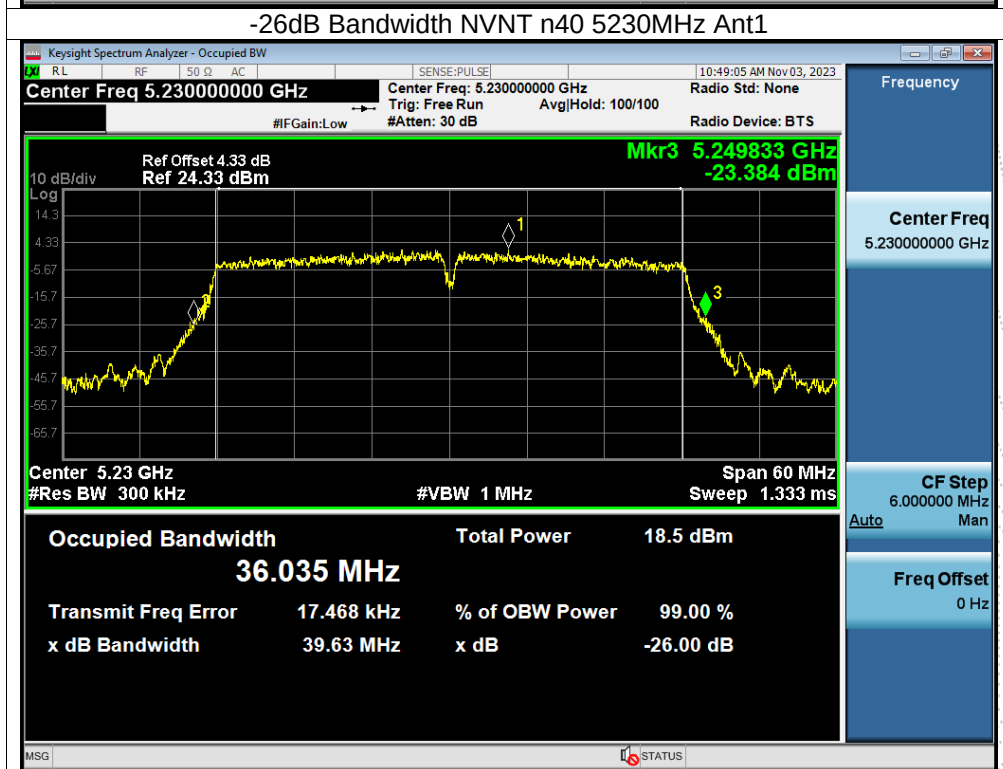
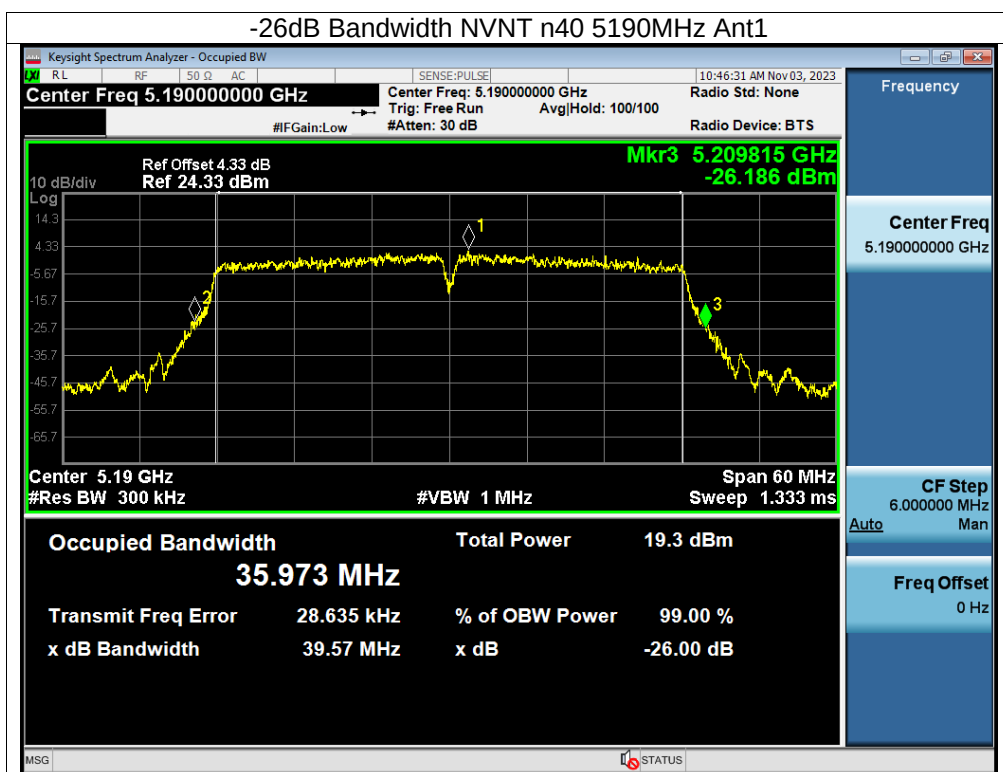
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	20.262	Pass
NVNT	a	5200	20.376	Pass
NVNT	a	5240	19.926	Pass
NVNT	n20	5180	21.61	Pass
NVNT	n20	5200	21.121	Pass
NVNT	n20	5240	19.969	Pass
NVNT	n40	5190	39.574	Pass
NVNT	n40	5230	39.63	Pass
NVNT	ac20	5180	21.545	Pass
NVNT	ac20	5200	22.347	Pass
NVNT	ac20	5240	20.672	Pass
NVNT	ac40	5190	40.505	Pass
NVNT	ac40	5230	40.083	Pass
NVNT	ac80	5210	79.443	Pass
NVNT	ax20	5180	22.578	Pass
NVNT	ax20	5200	22.564	Pass
NVNT	ax20	5240	19.98	Pass
NVNT	ax40	5190	39.431	Pass
NVNT	ax40	5230	39.568	Pass
NVNT	ax80	5210	79.329	Pass

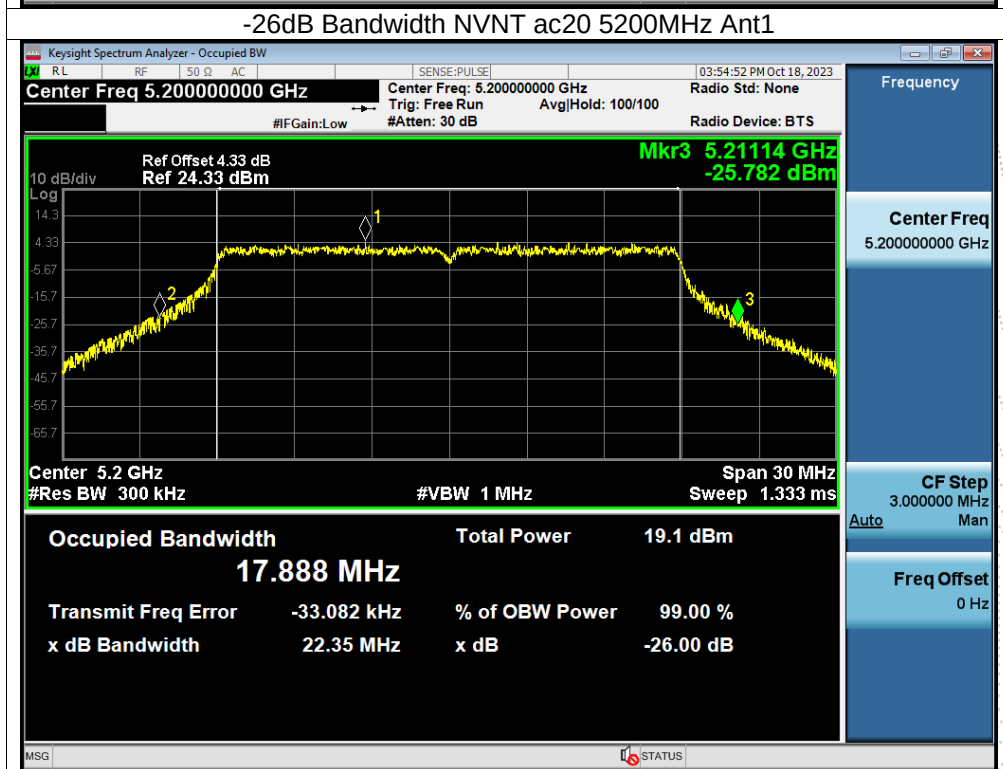
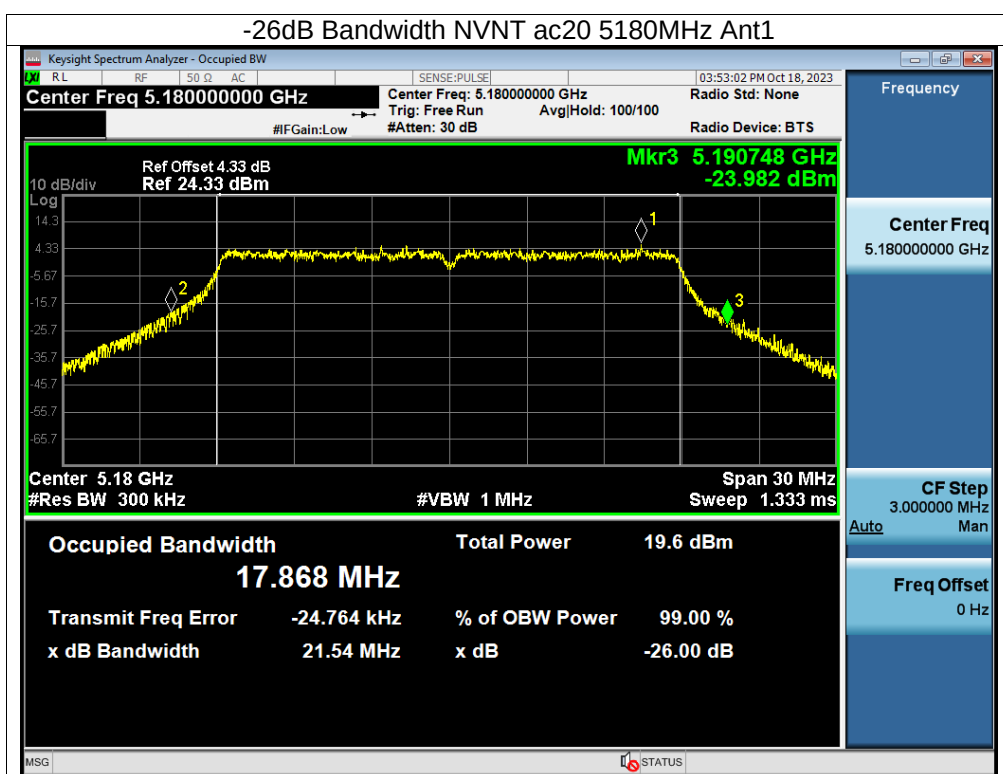
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5180	16.436
NVNT	a	5200	16.424
NVNT	a	5240	16.45
NVNT	n20	5180	17.646
NVNT	n20	5200	17.667
NVNT	n20	5240	17.642
NVNT	n40	5190	36.091
NVNT	n40	5230	36.051
NVNT	ac20	5180	17.78
NVNT	ac20	5200	17.748
NVNT	ac20	5240	17.733
NVNT	ac40	5190	36.332
NVNT	ac40	5230	36.389
NVNT	ac80	5210	75.898
NVNT	ax20	5180	19.026
NVNT	ax20	5200	19.021
NVNT	ax20	5240	18.936
NVNT	ax40	5190	37.884
NVNT	ax40	5230	37.877
NVNT	ax80	5210	77.538

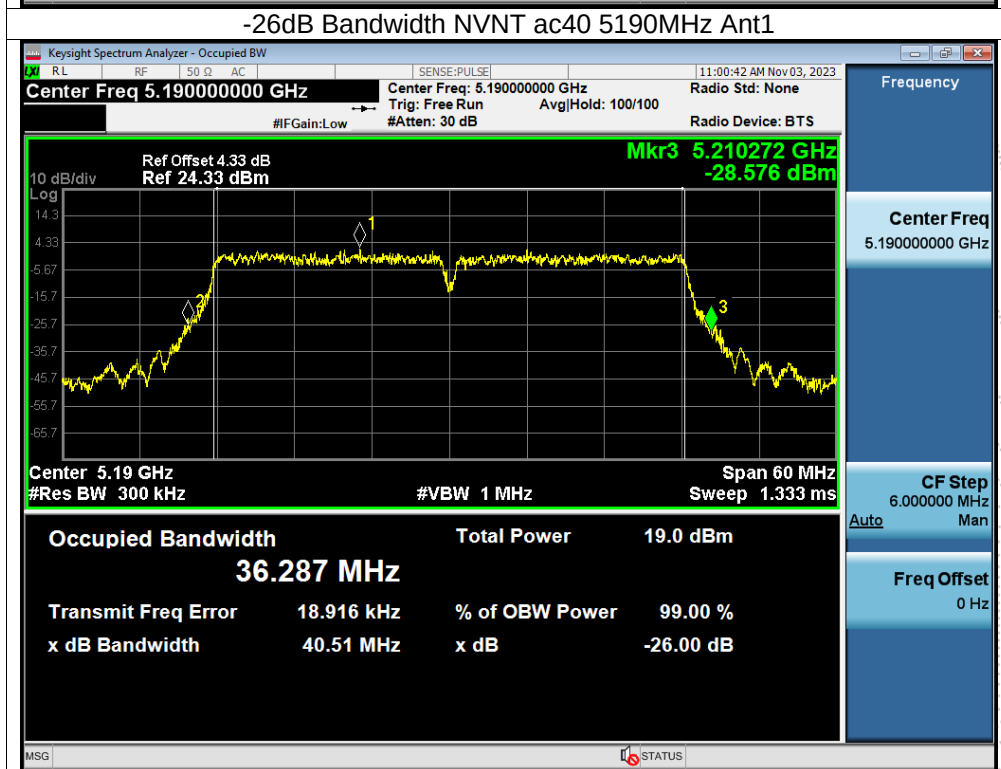
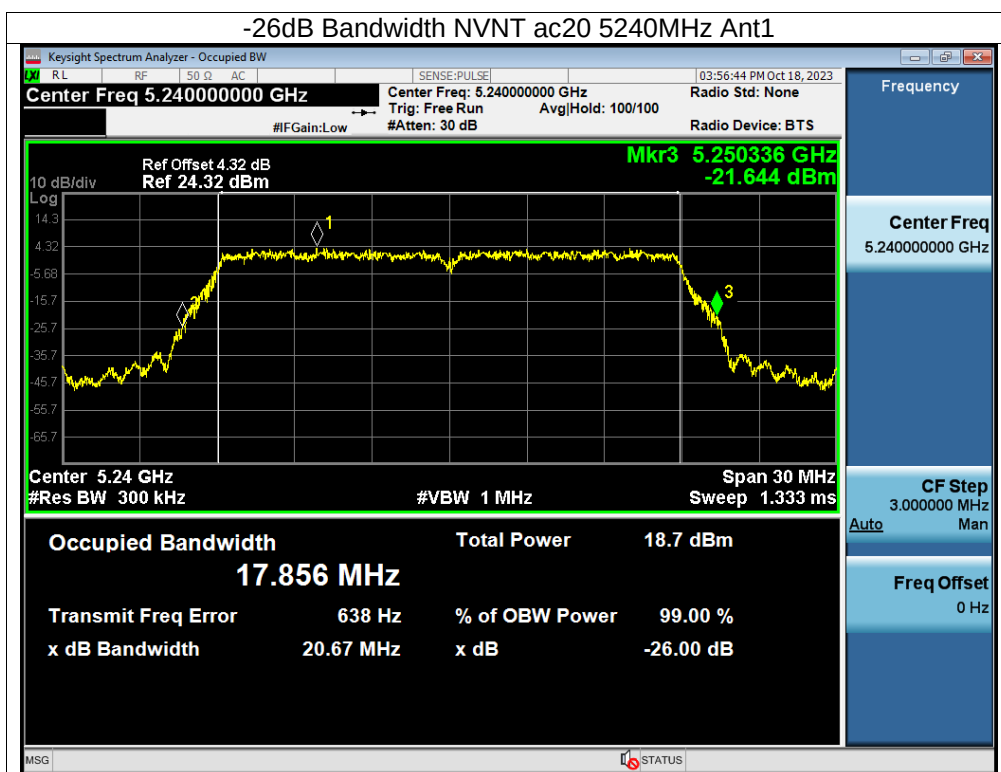


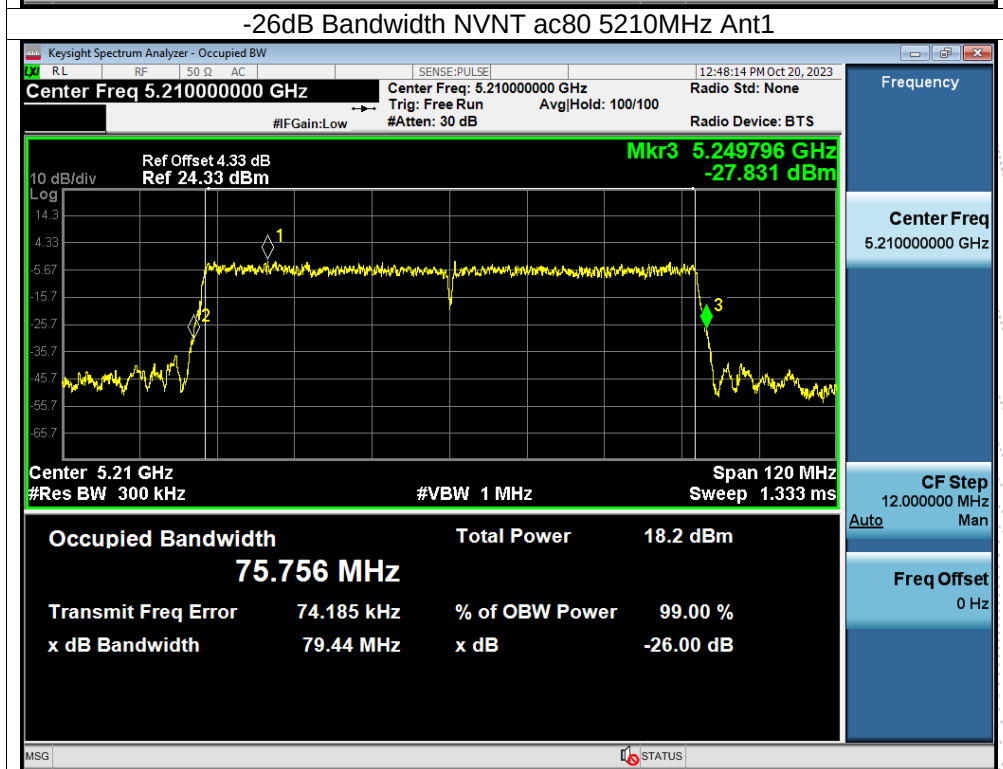
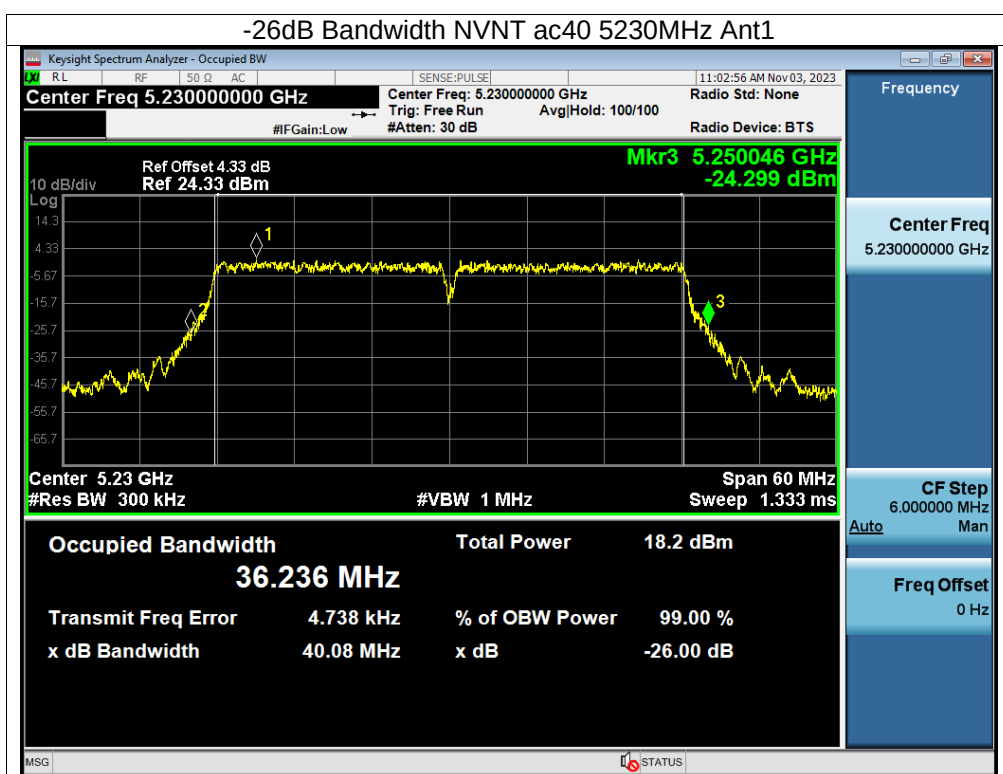


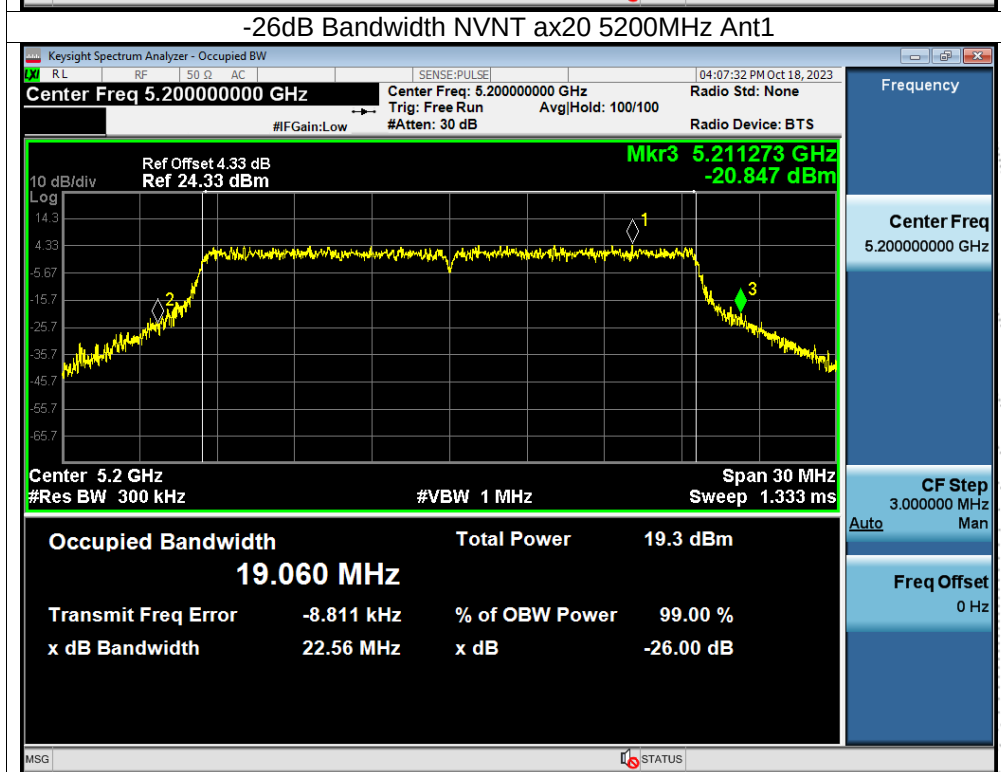
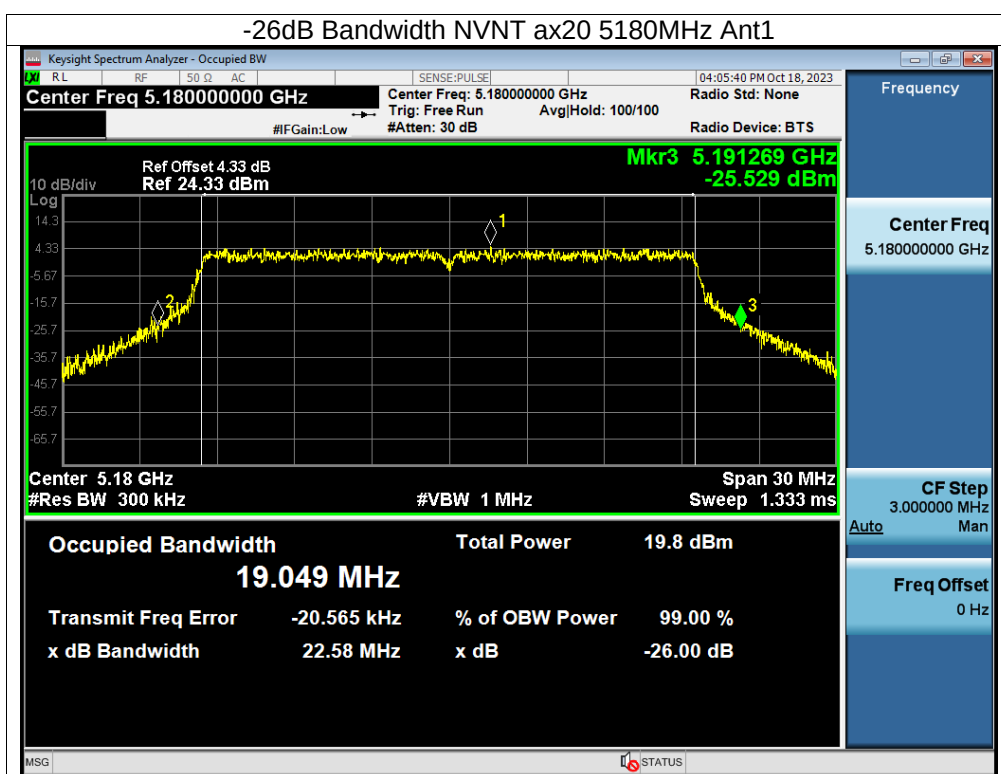


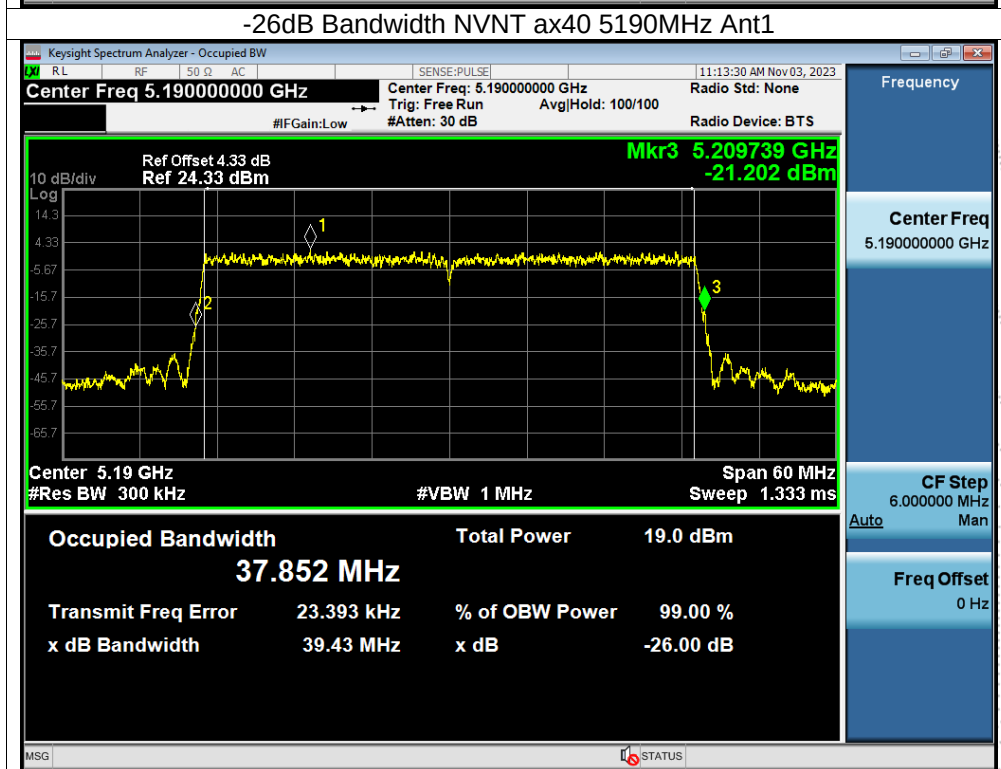
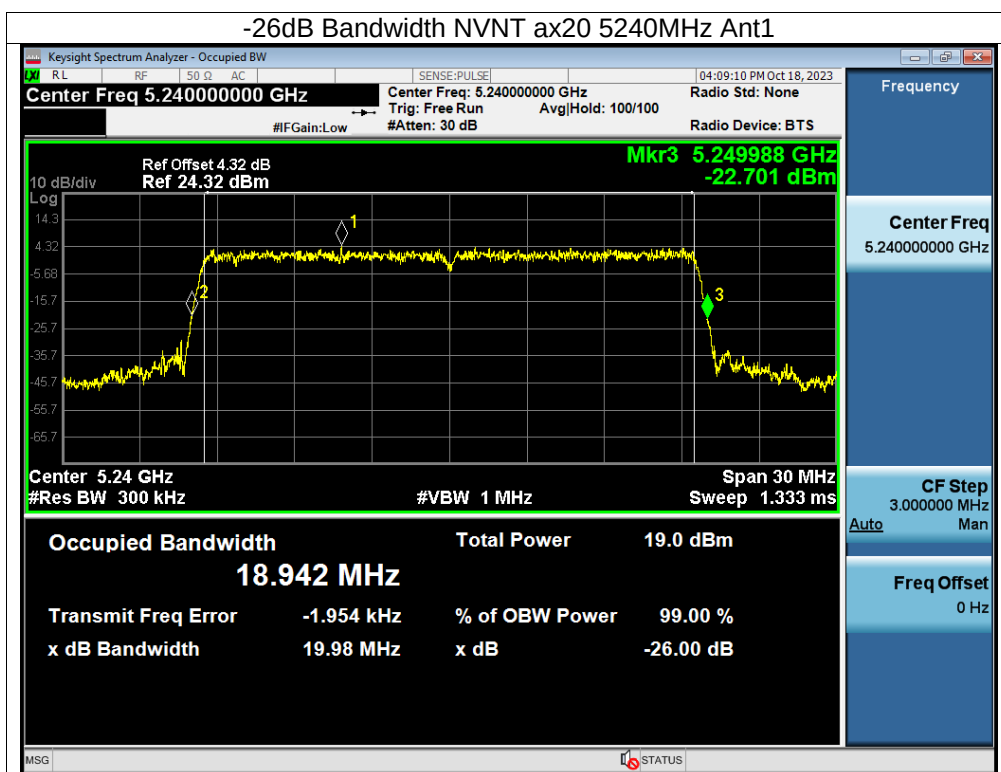


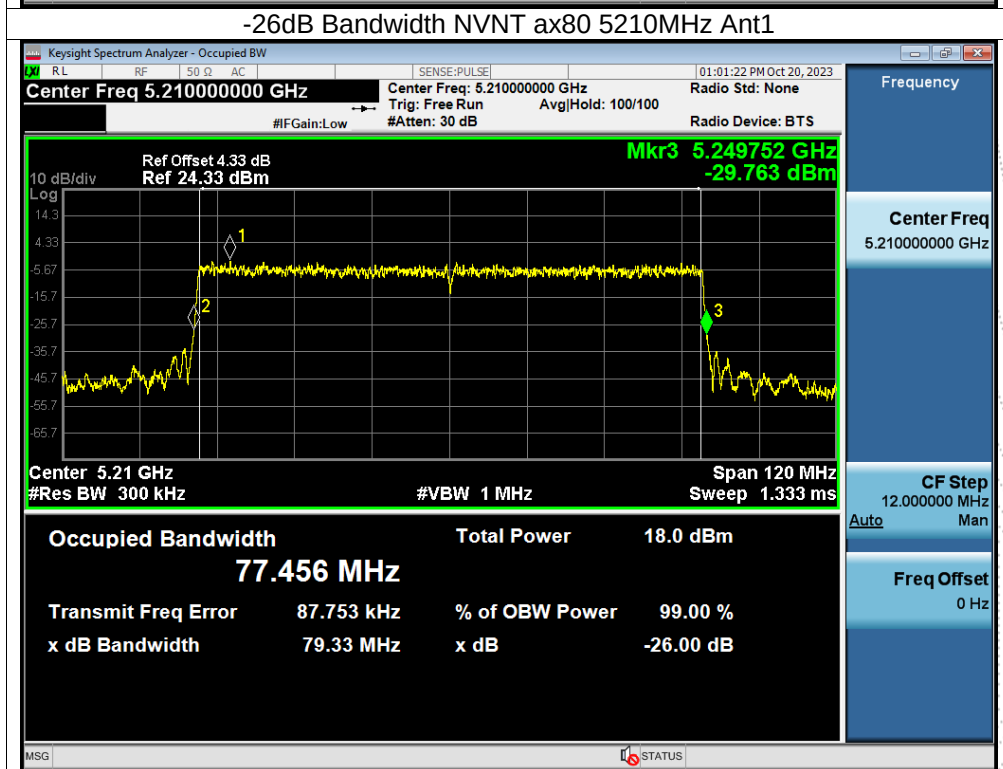
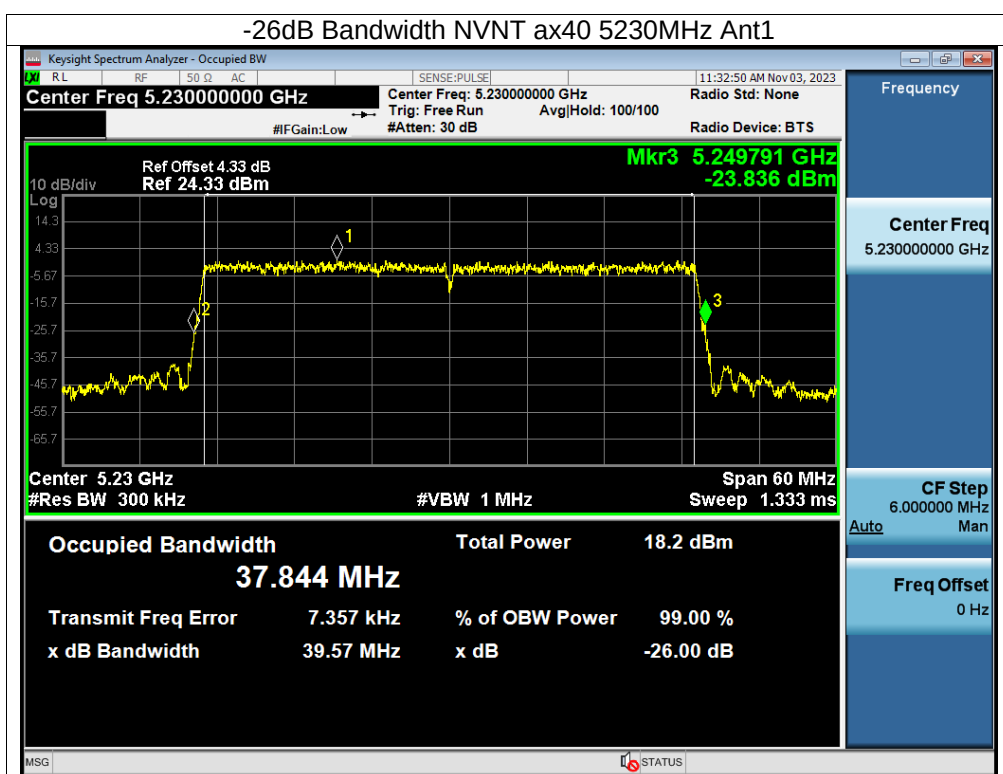






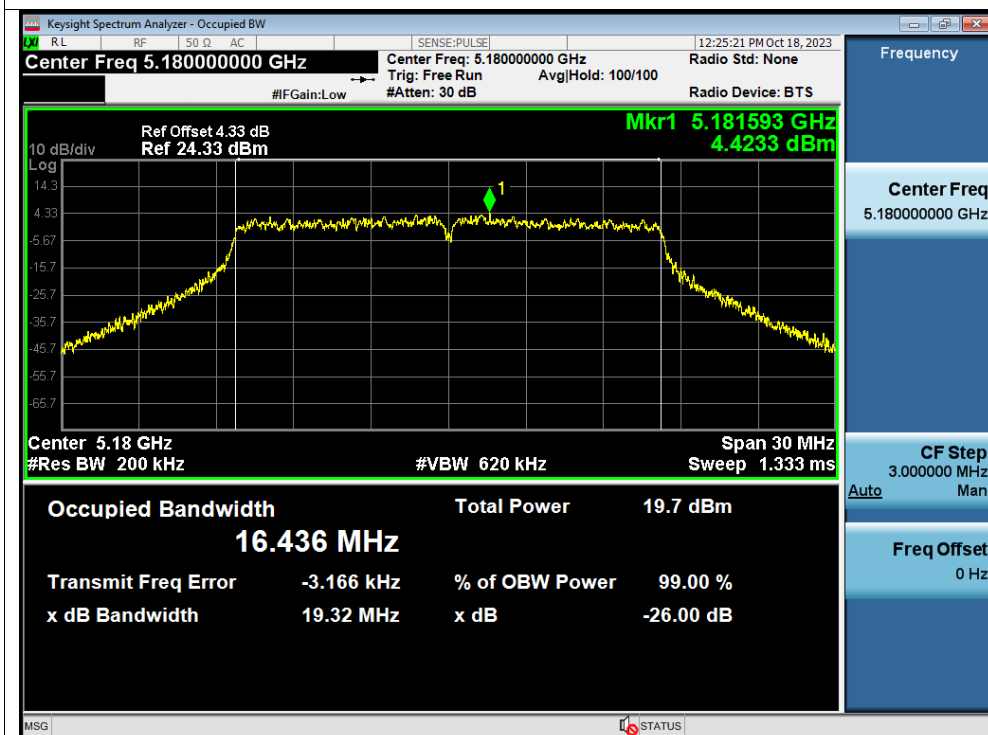




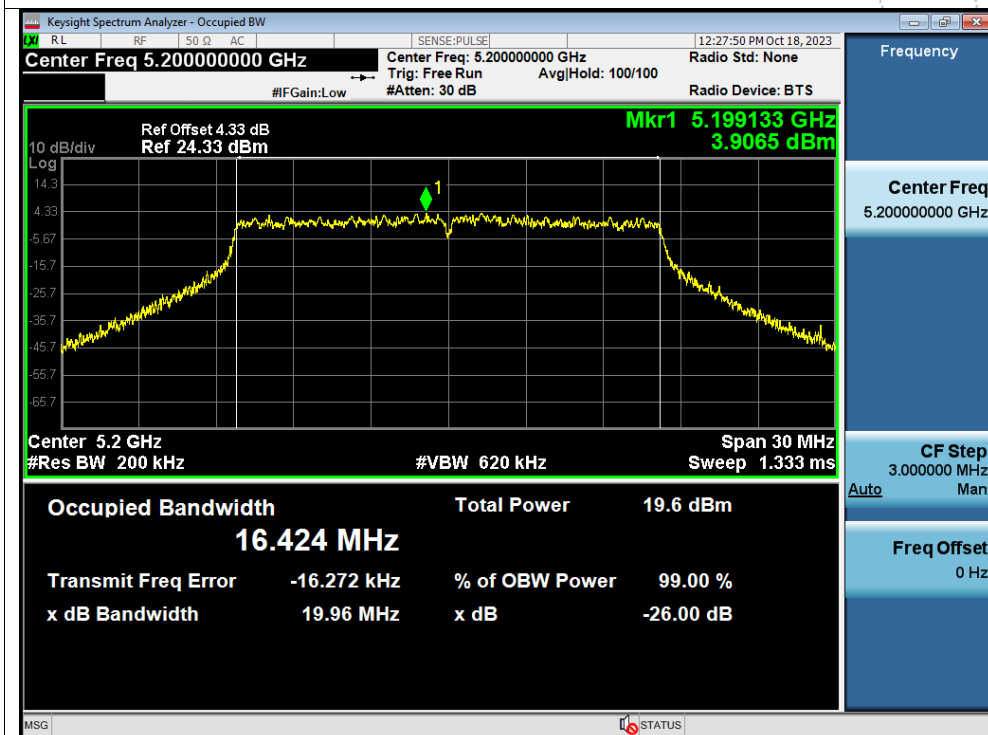


Test Graphs

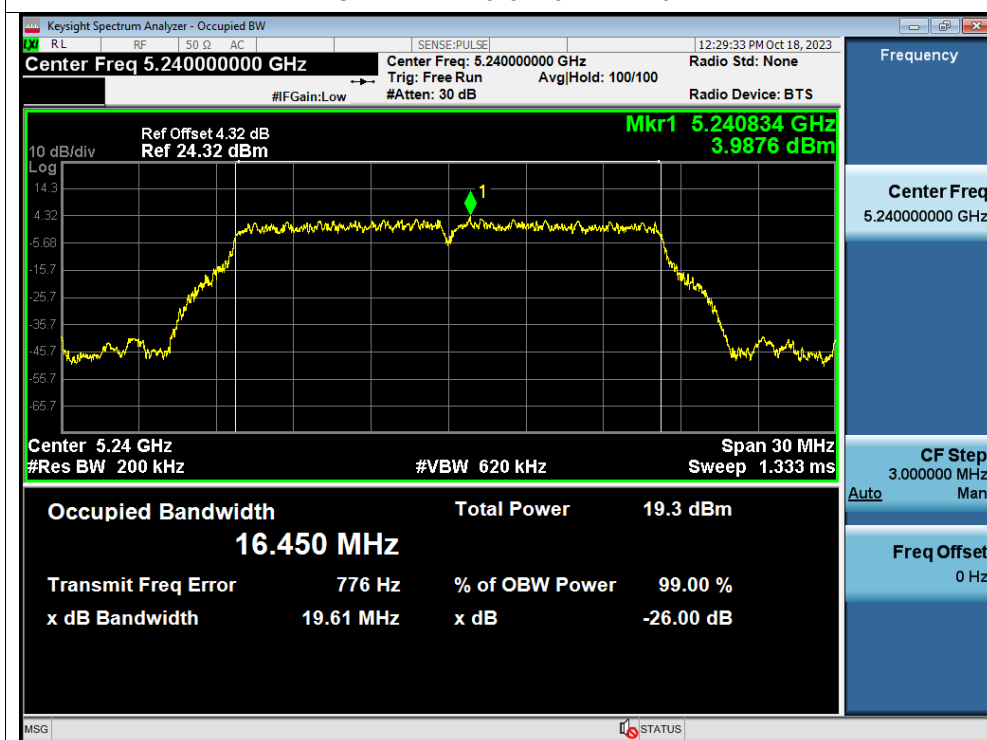
OBW NVNT a 5180MHz Ant1



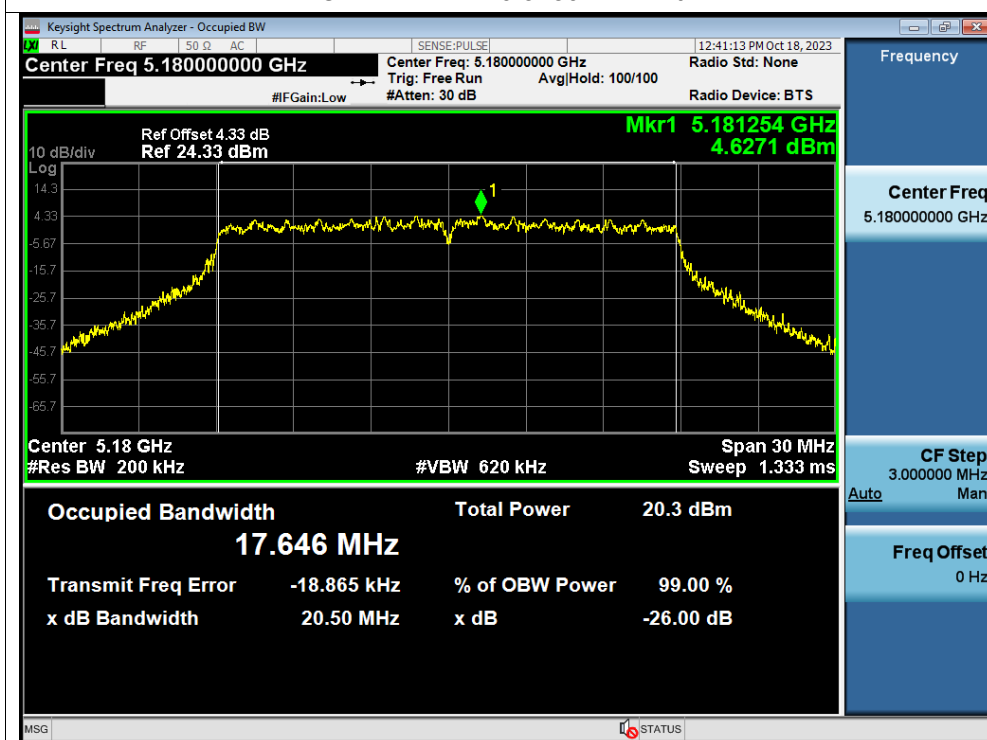
OBW NVNT a 5200MHz Ant1

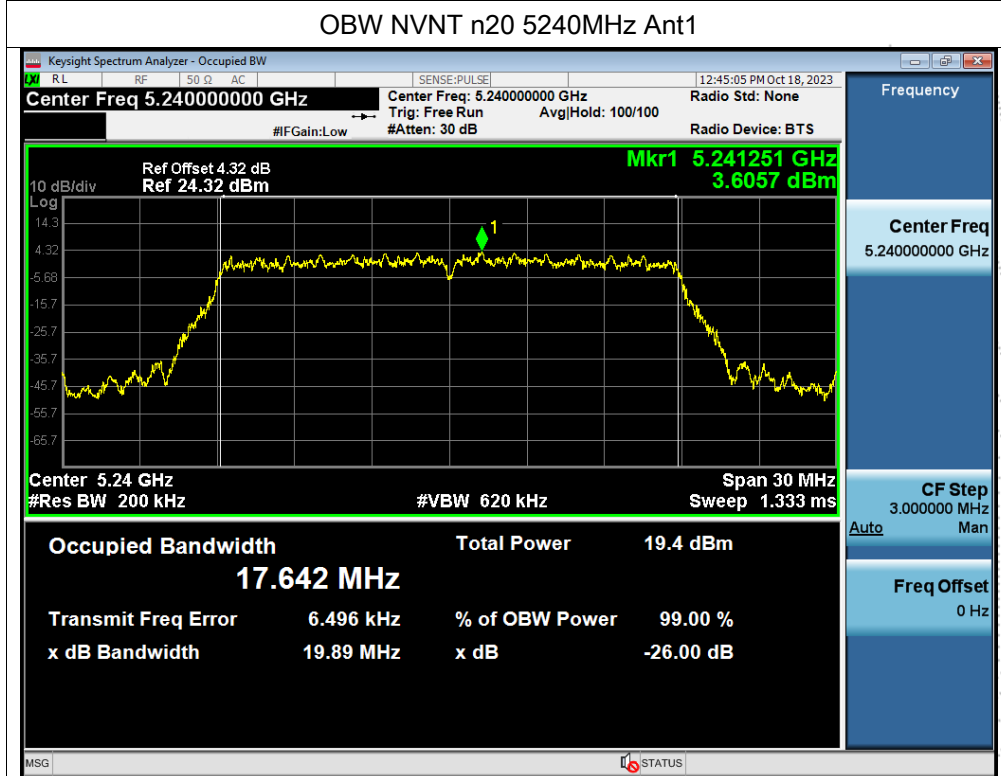
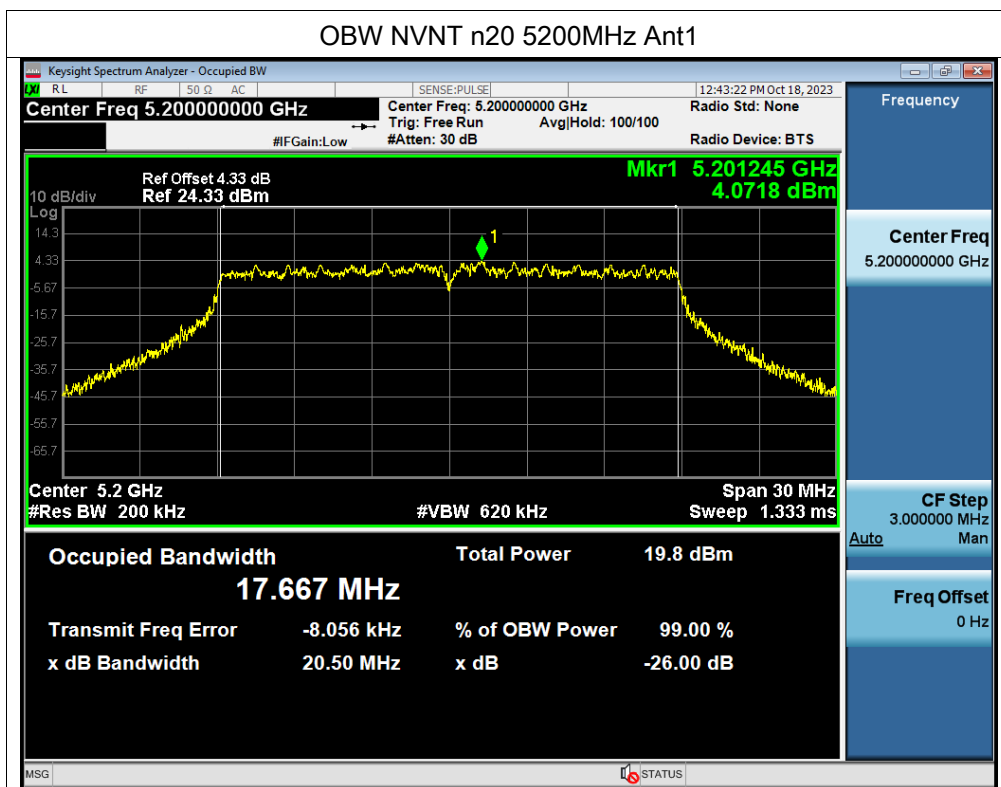


OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1





OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

