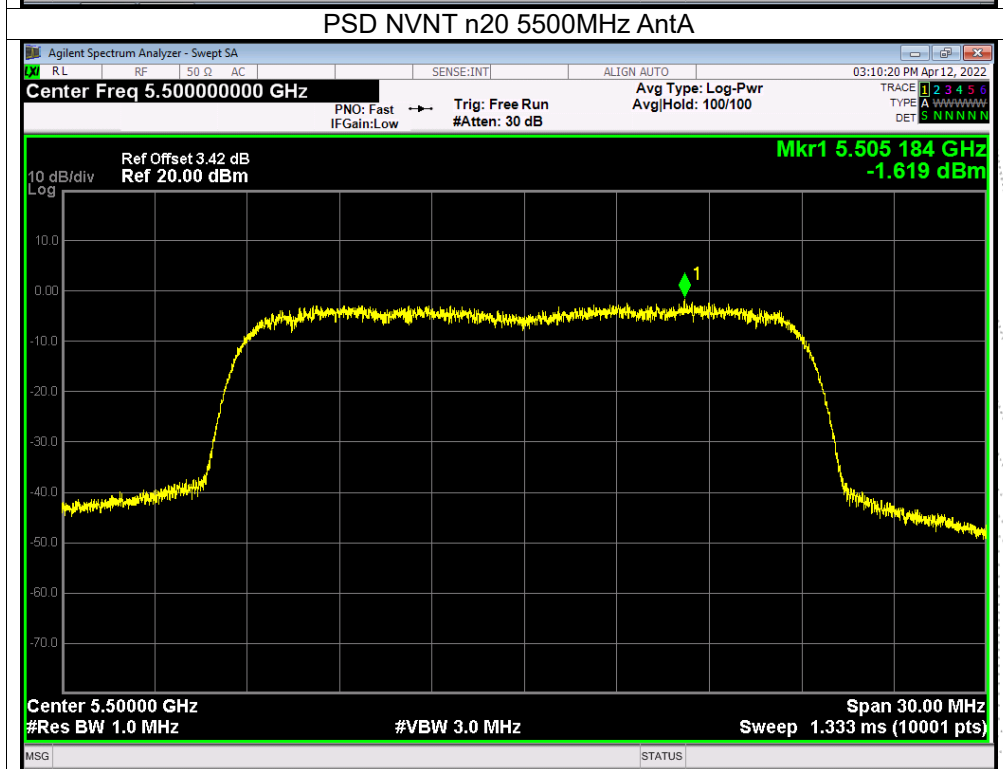
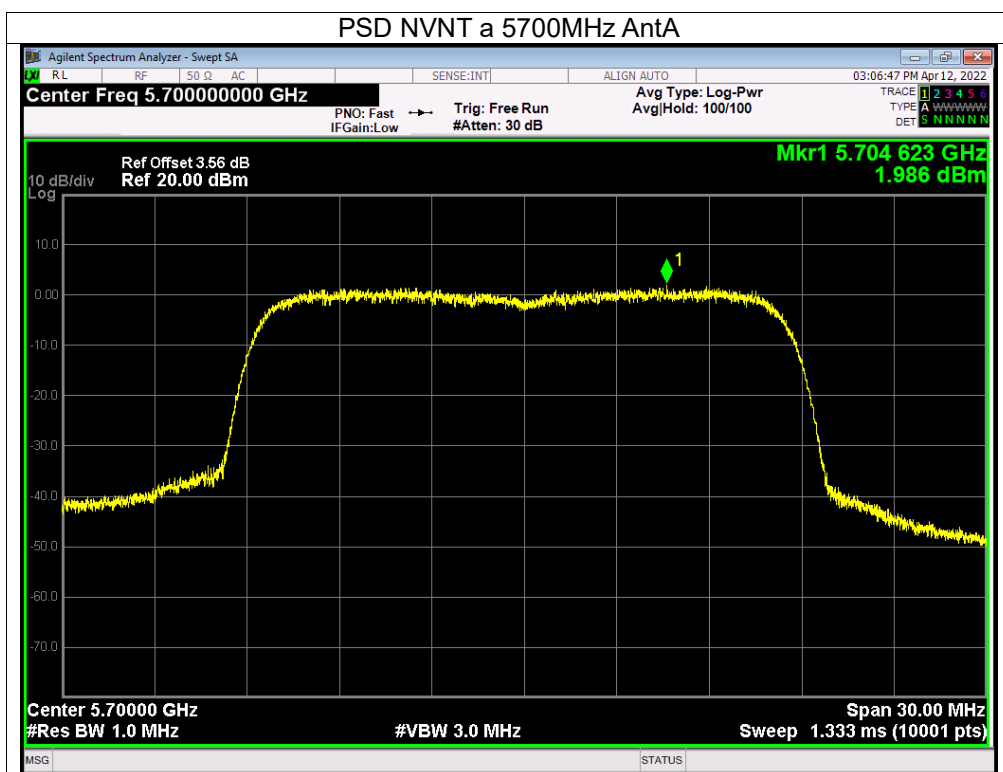
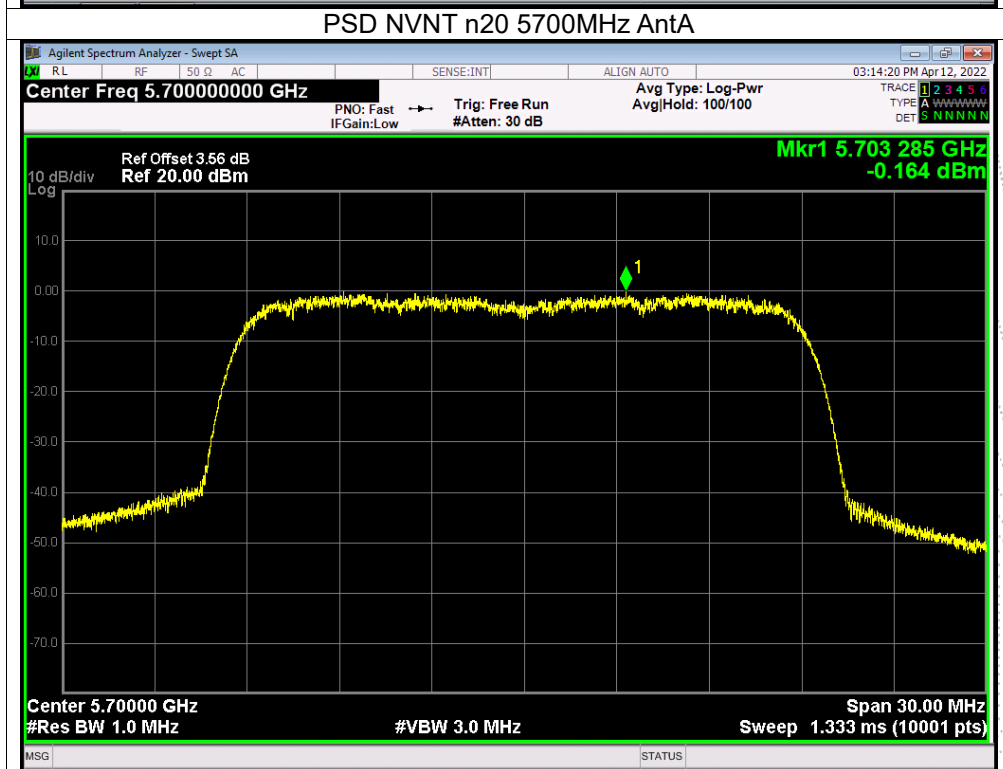
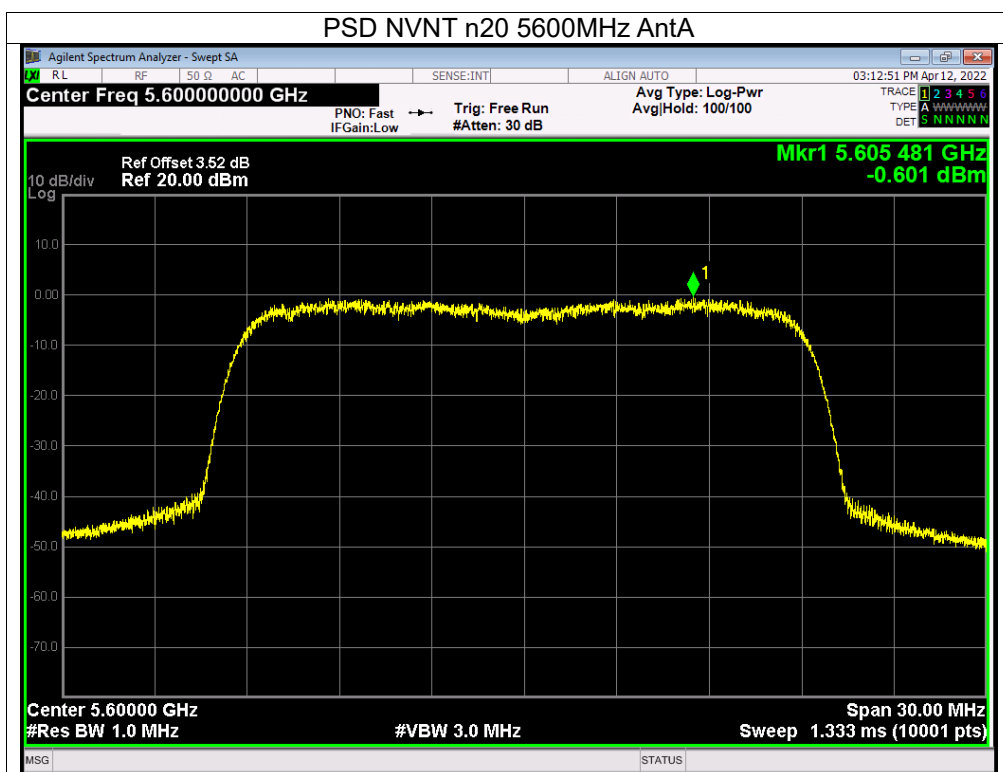
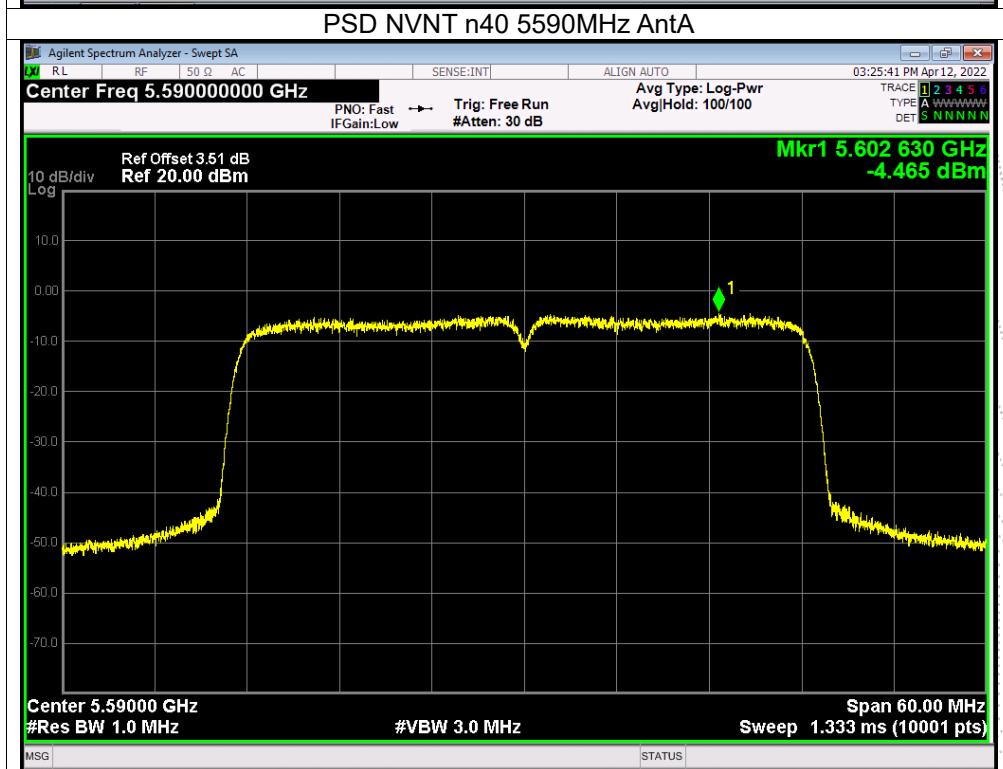
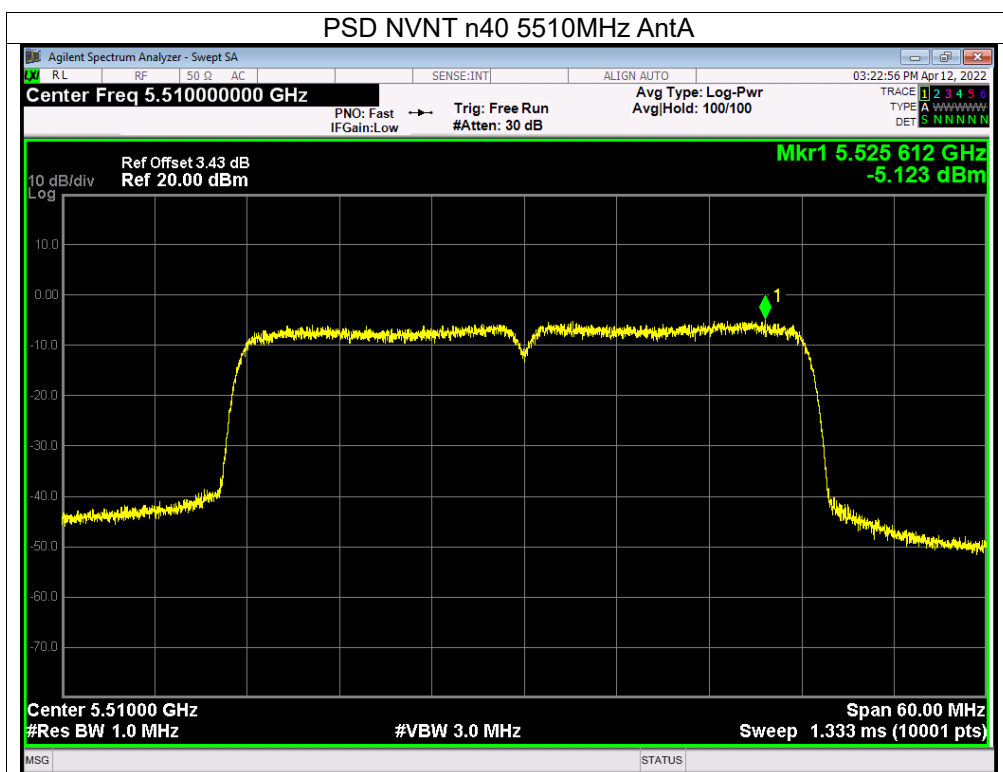
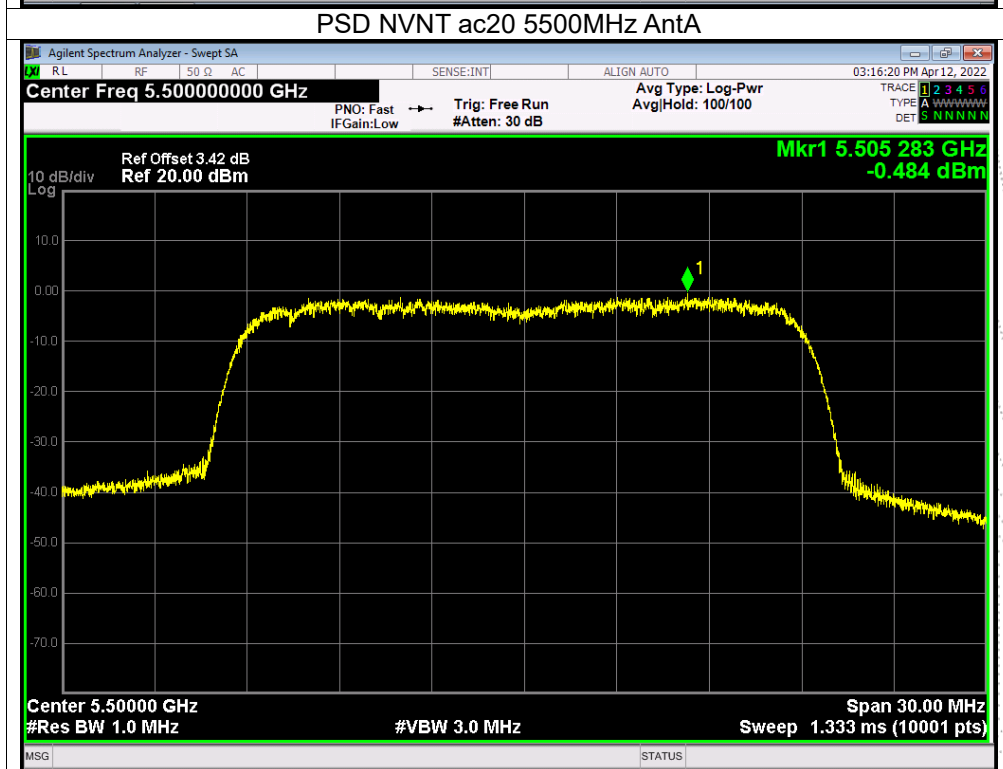
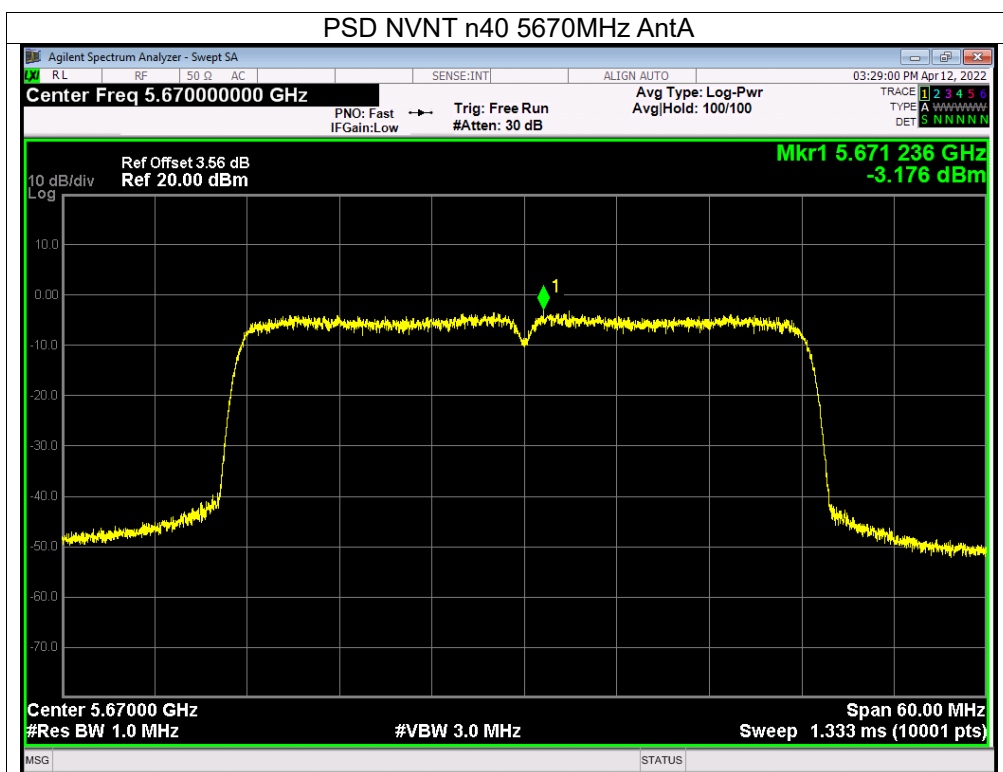
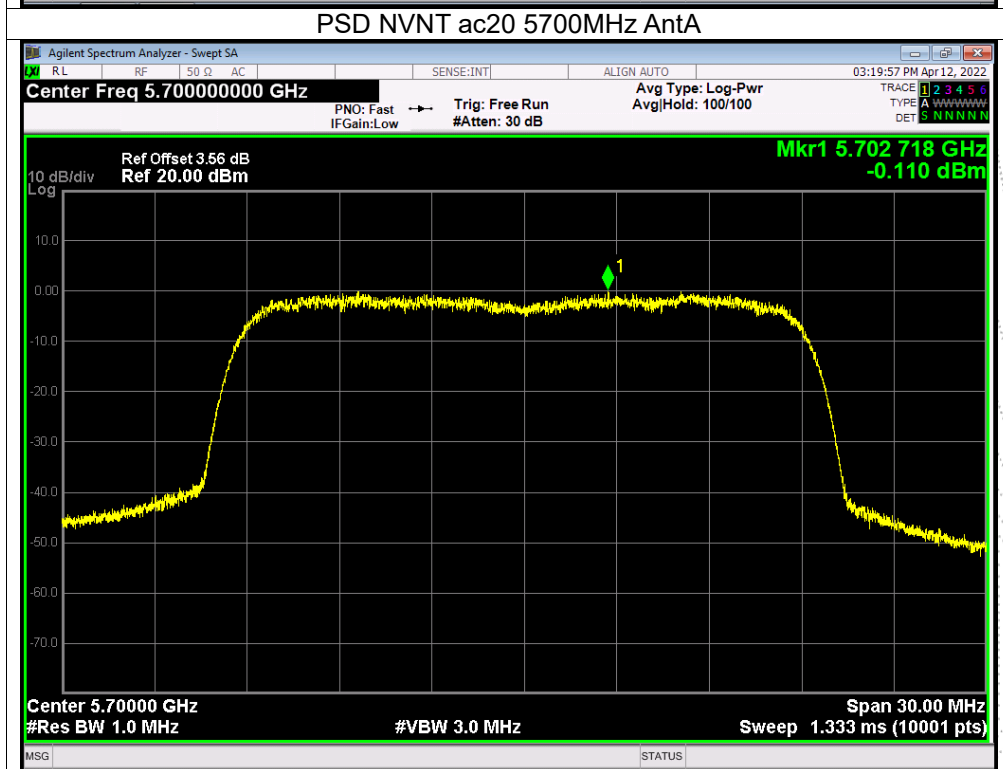
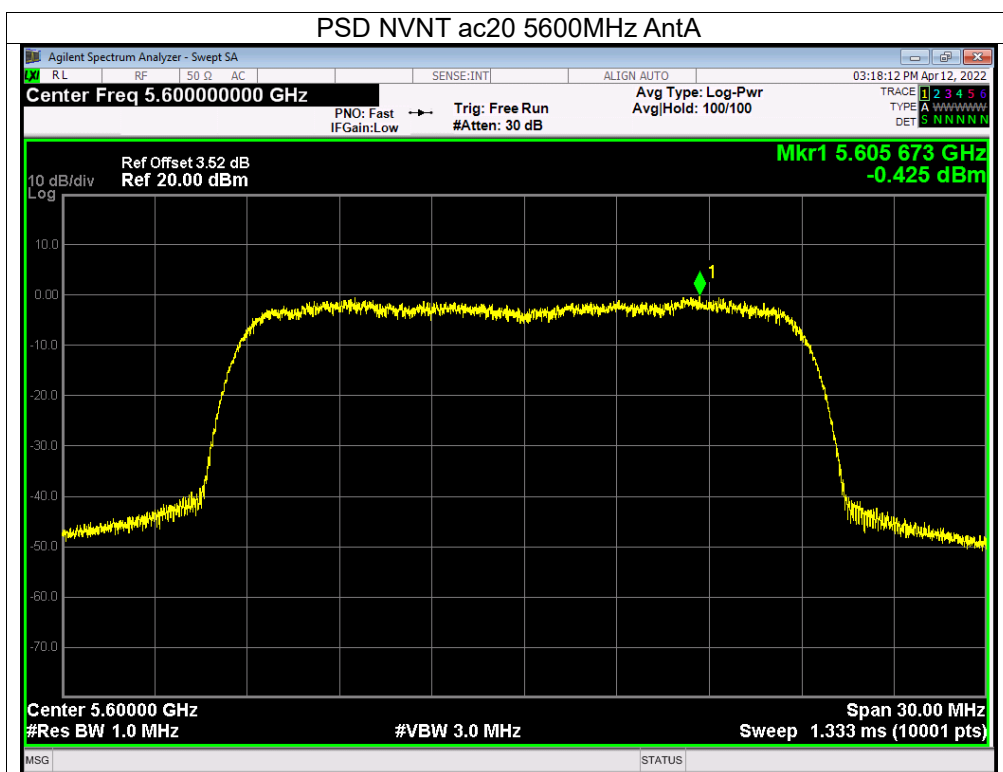


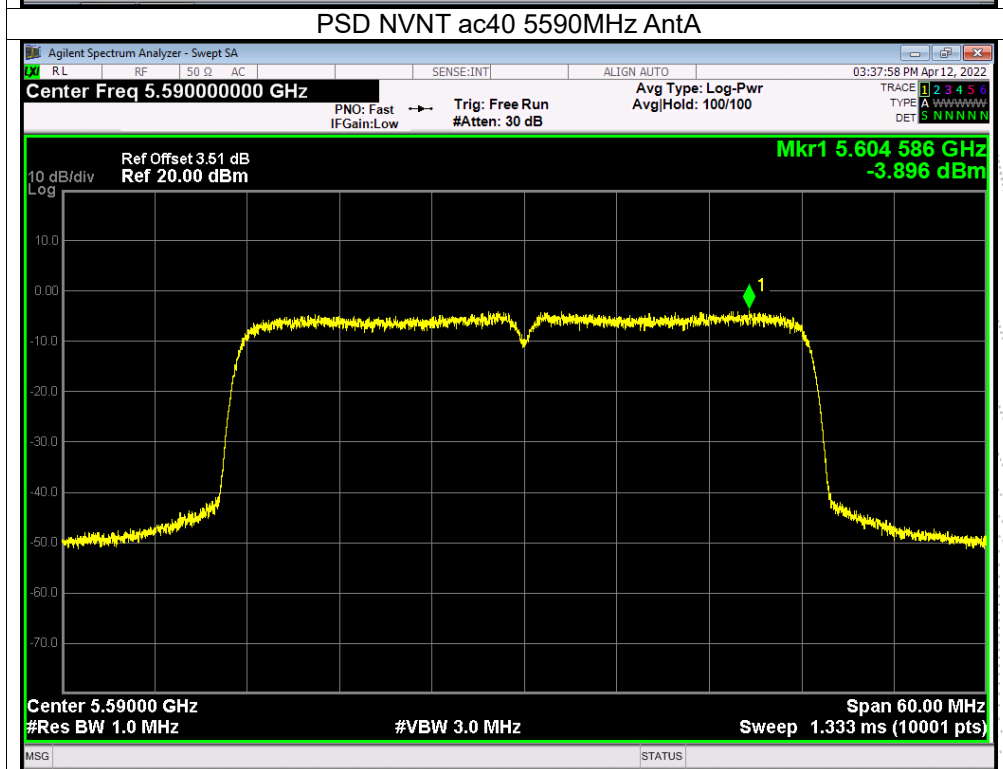
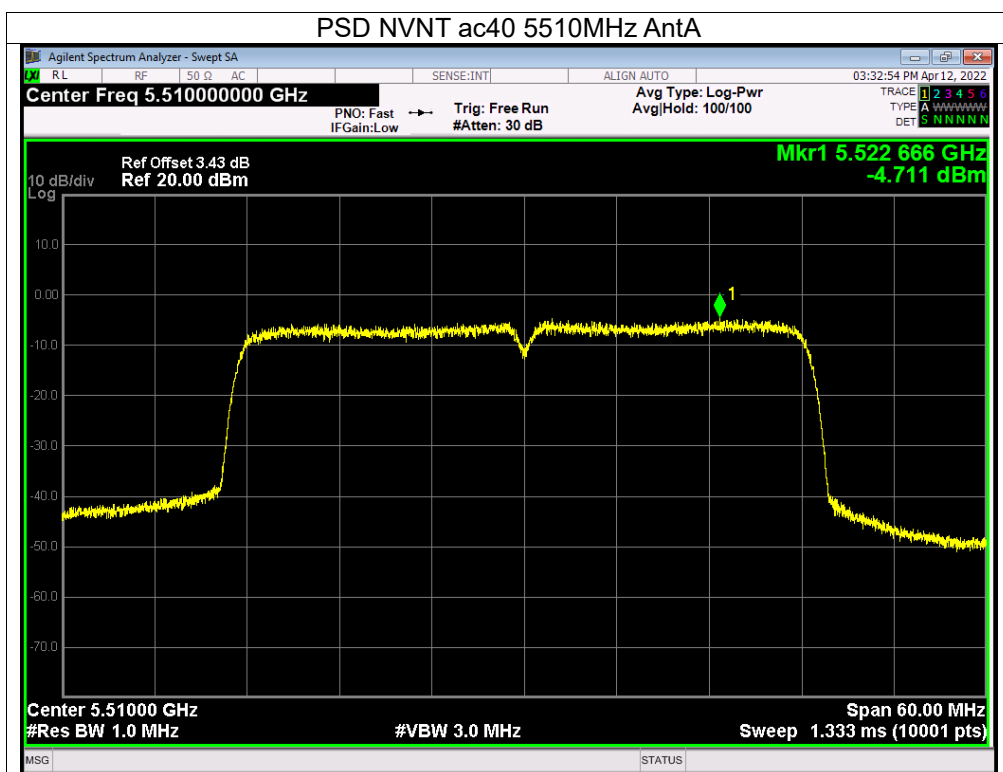


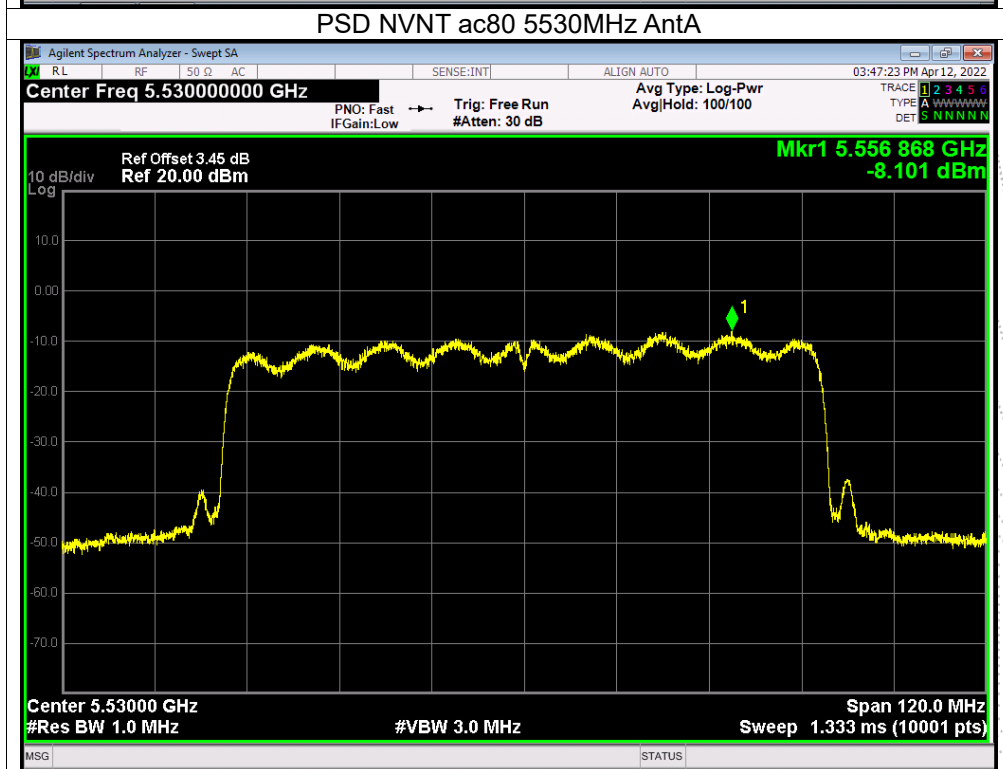
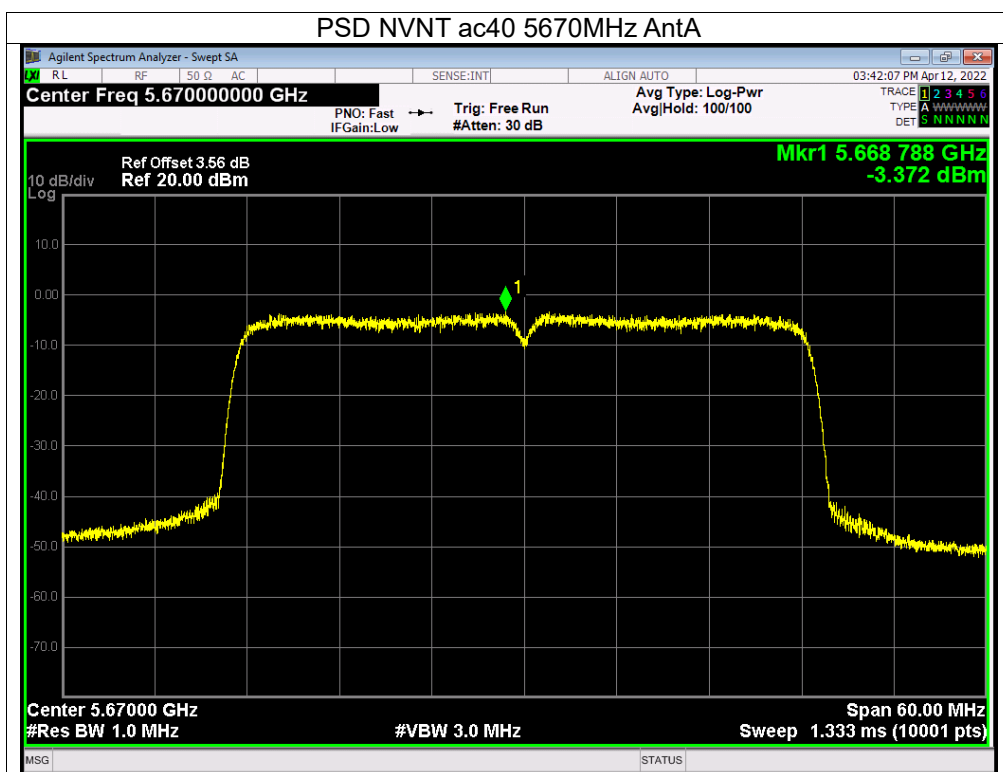


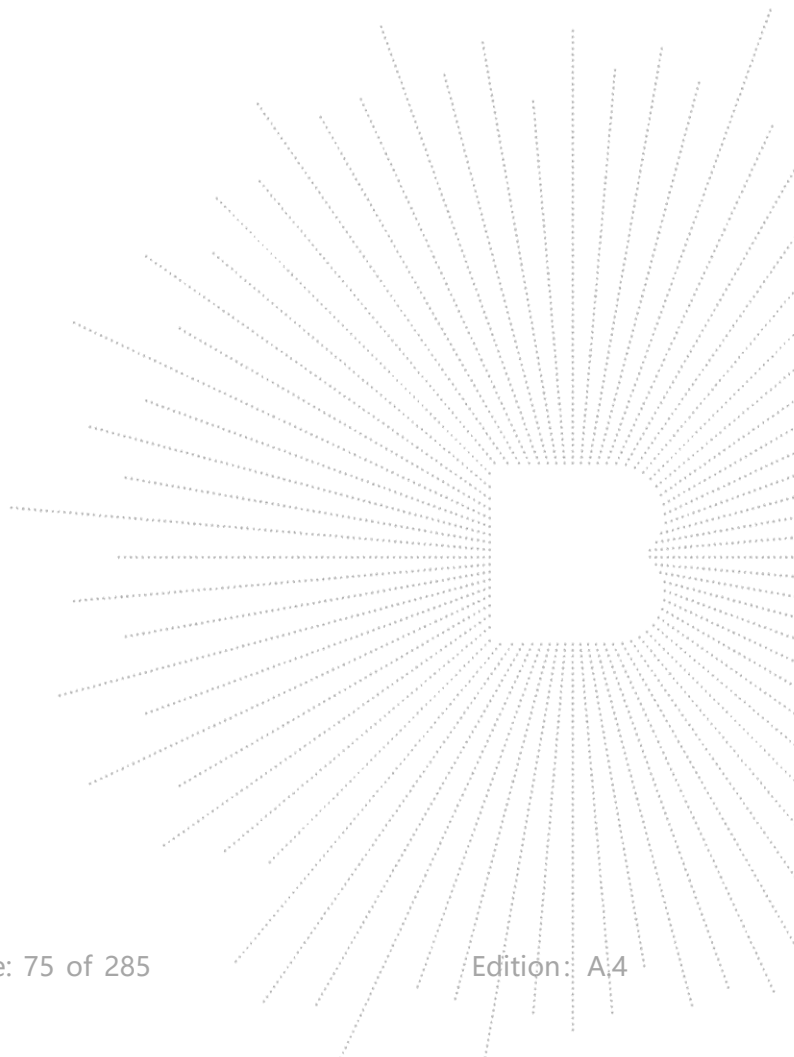
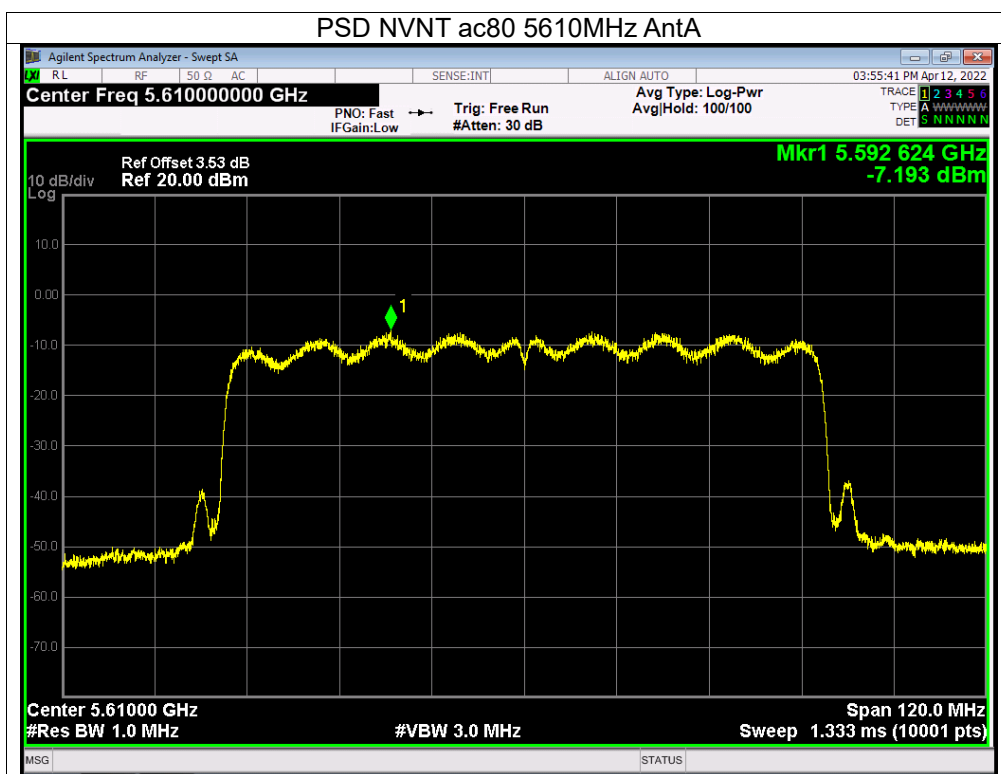






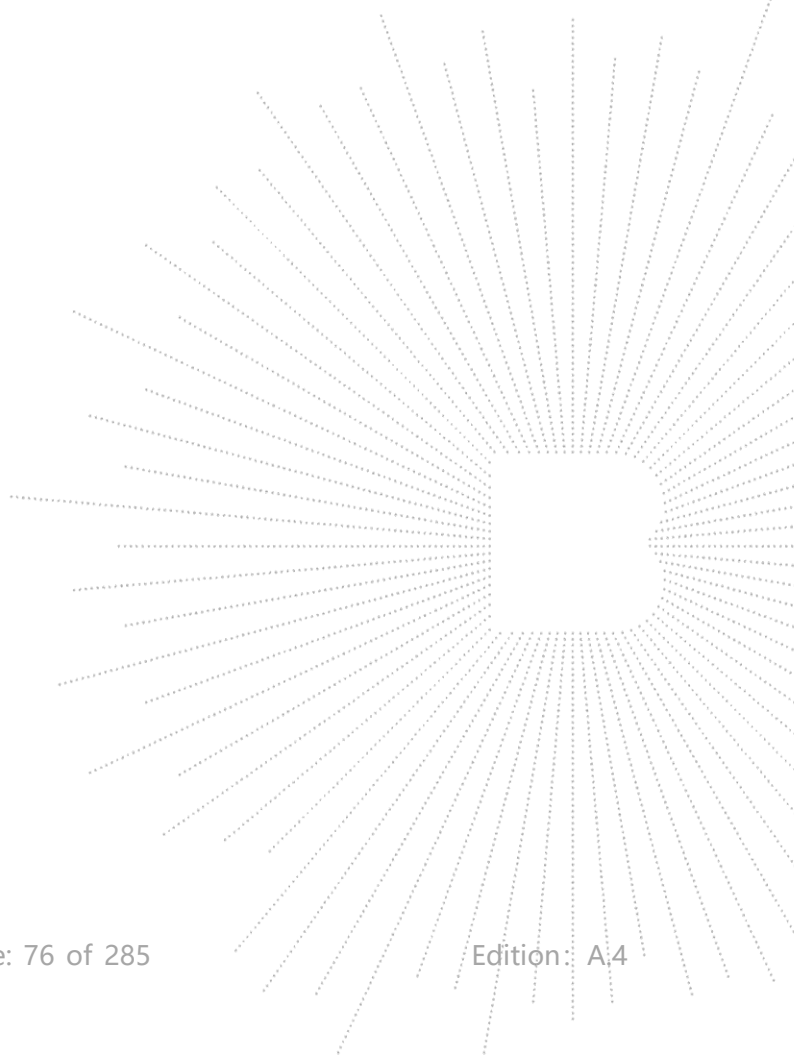




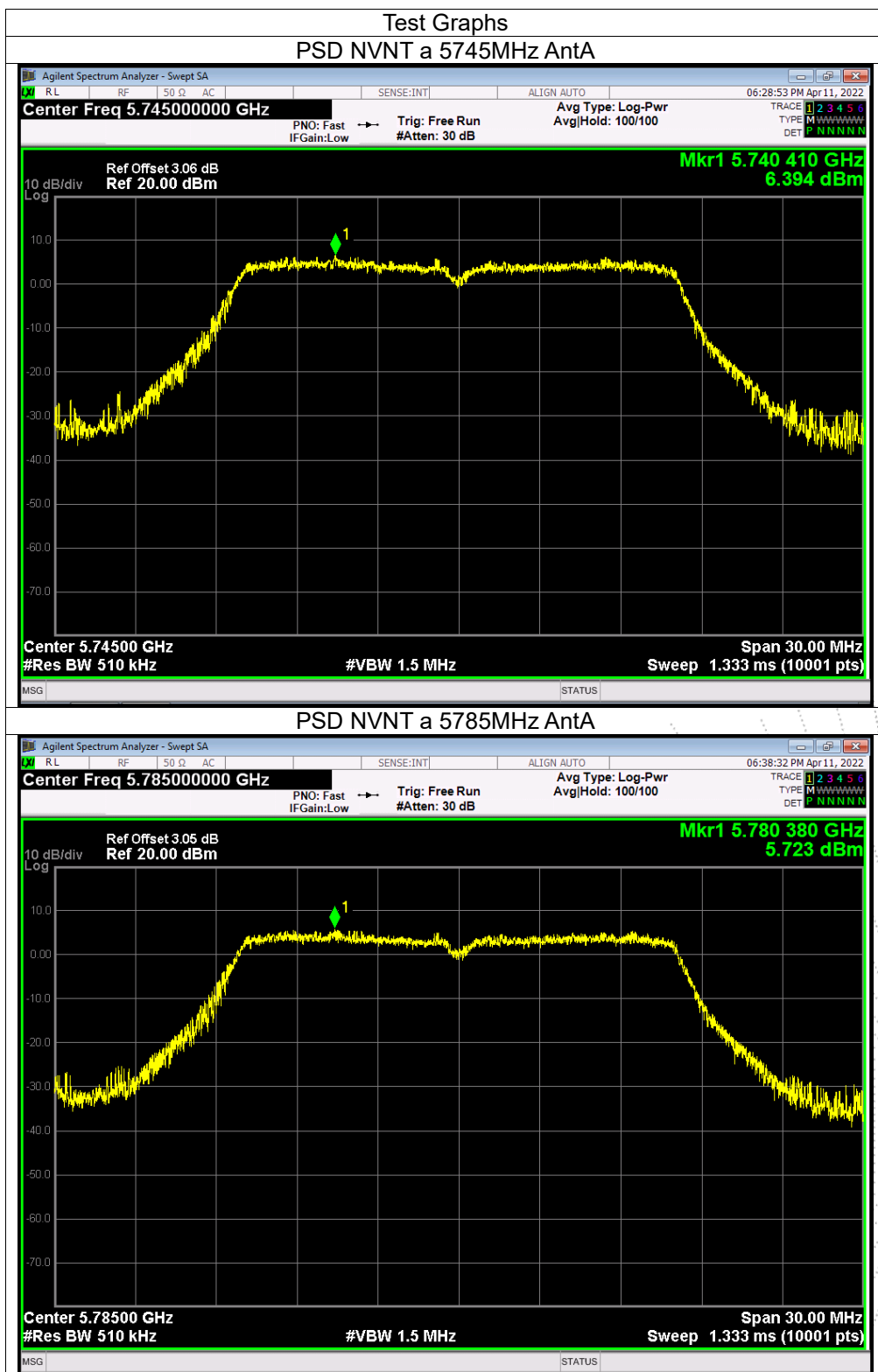


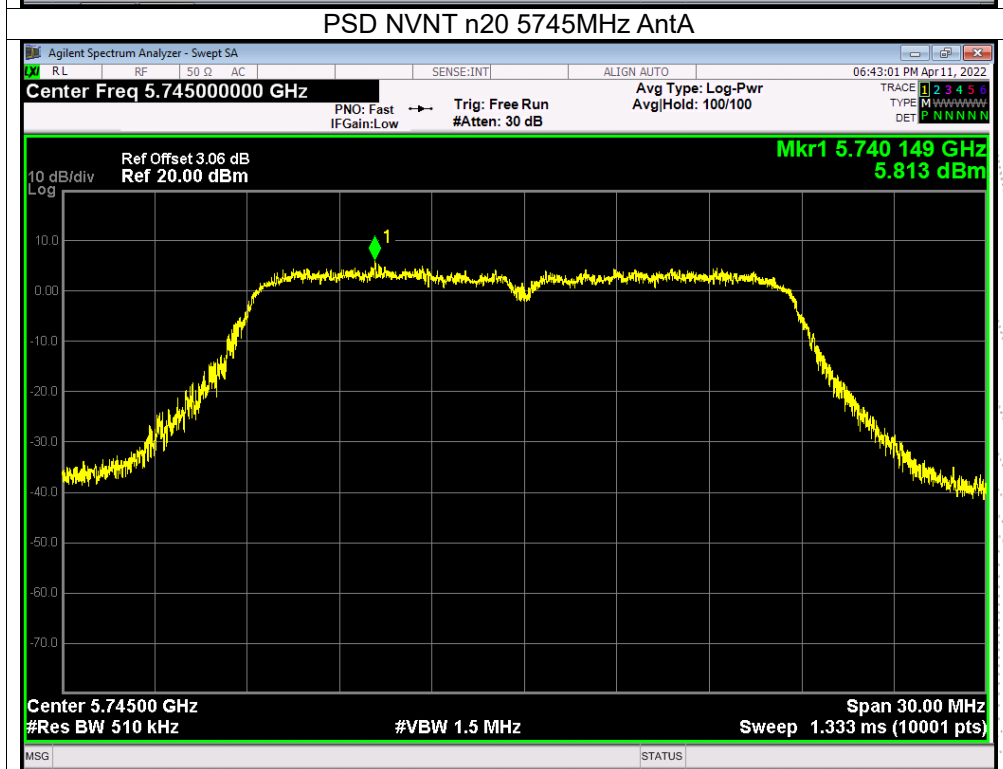
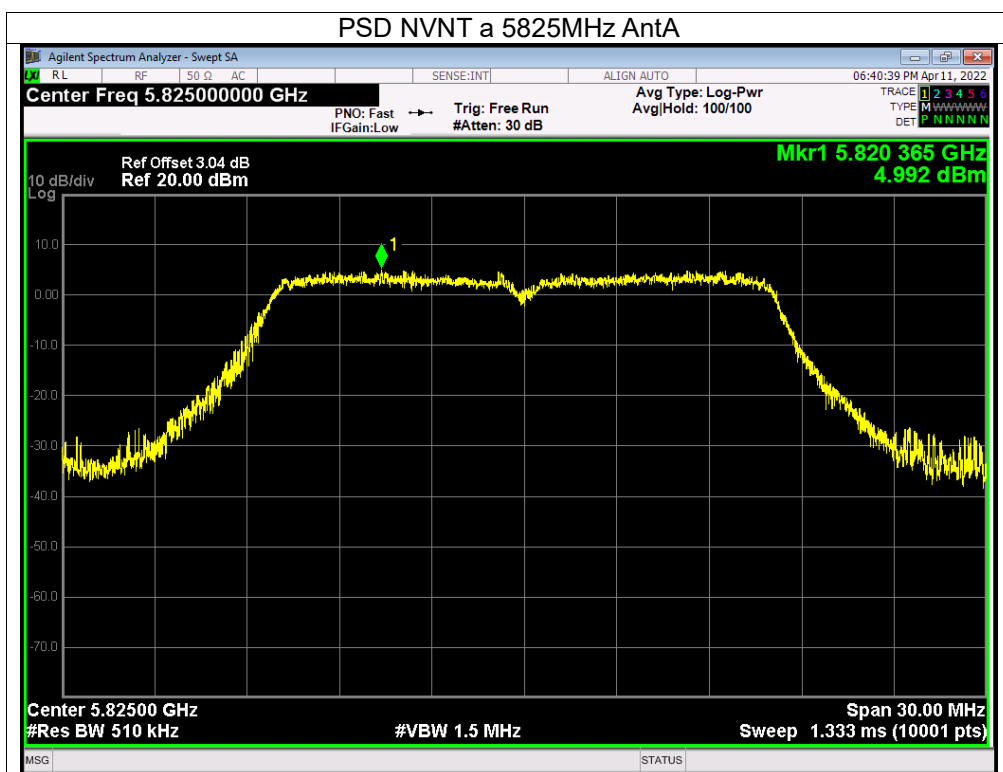
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	(5745-5825MHz)		

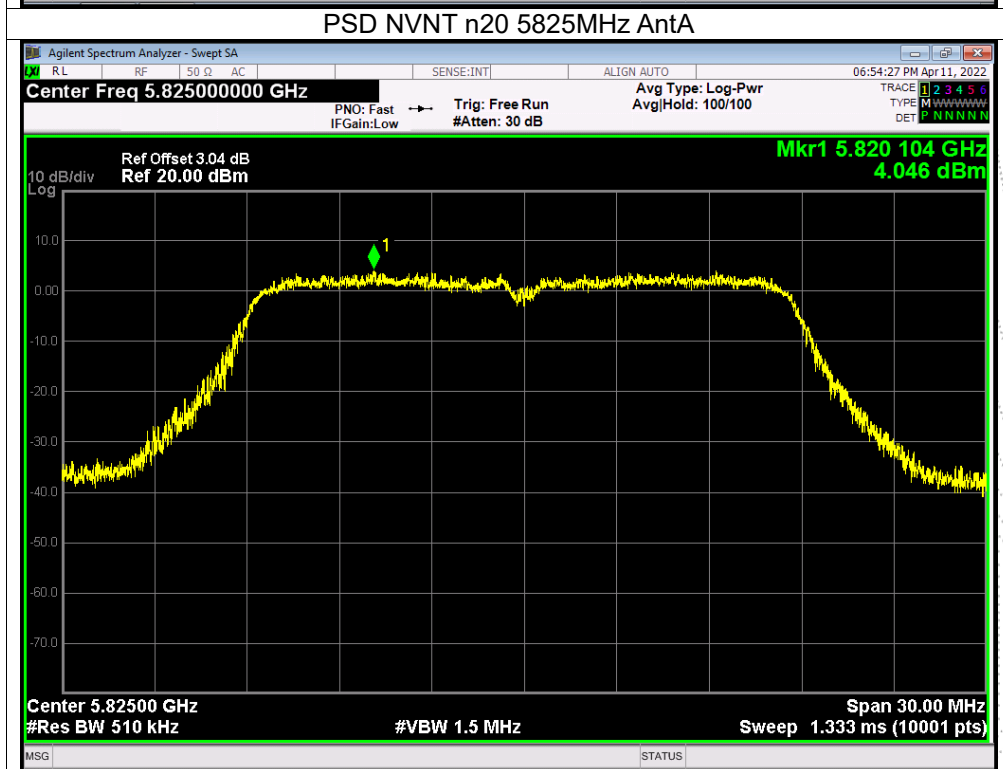
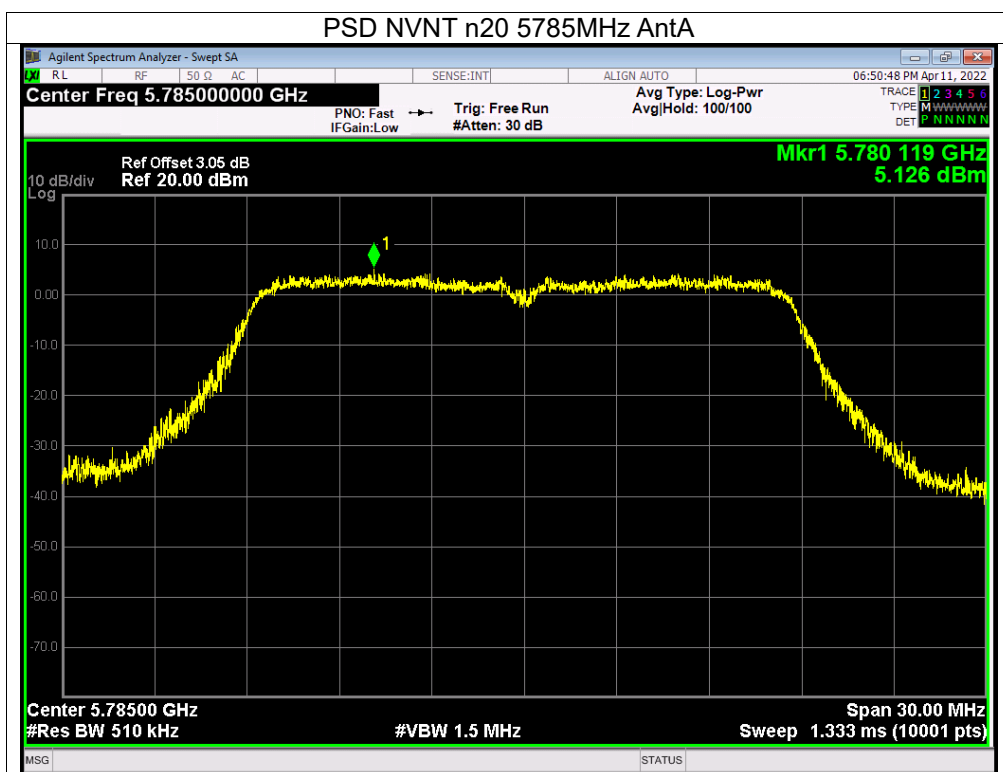
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/500KHz)		Total (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
			Ant A	Ant B			
NVNT	a	5745	6.39	6.04	/	30	Pass
NVNT	a	5785	5.72	5.29	/	30	Pass
NVNT	a	5825	4.99	5.00	/	30	Pass
NVNT	n20	5745	5.81	5.48	8.66	30	Pass
NVNT	n20	5785	5.13	4.97	8.06	30	Pass
NVNT	n20	5825	4.05	4.41	7.24	30	Pass
NVNT	n40	5755	0.77	0.56	3.68	30	Pass
NVNT	n40	5795	0.54	0.47	3.52	30	Pass
NVNT	ac20	5745	5.27	5.32	8.31	30	Pass
NVNT	ac20	5785	4.61	4.99	7.81	30	Pass
NVNT	ac20	5825	4.14	4.38	7.27	30	Pass
NVNT	ac40	5755	0.97	0.73	3.86	30	Pass
NVNT	ac40	5795	0.60	0.09	3.36	30	Pass
NVNT	ac80	5775	-3.16	-3.03	-0.08	30	Pass

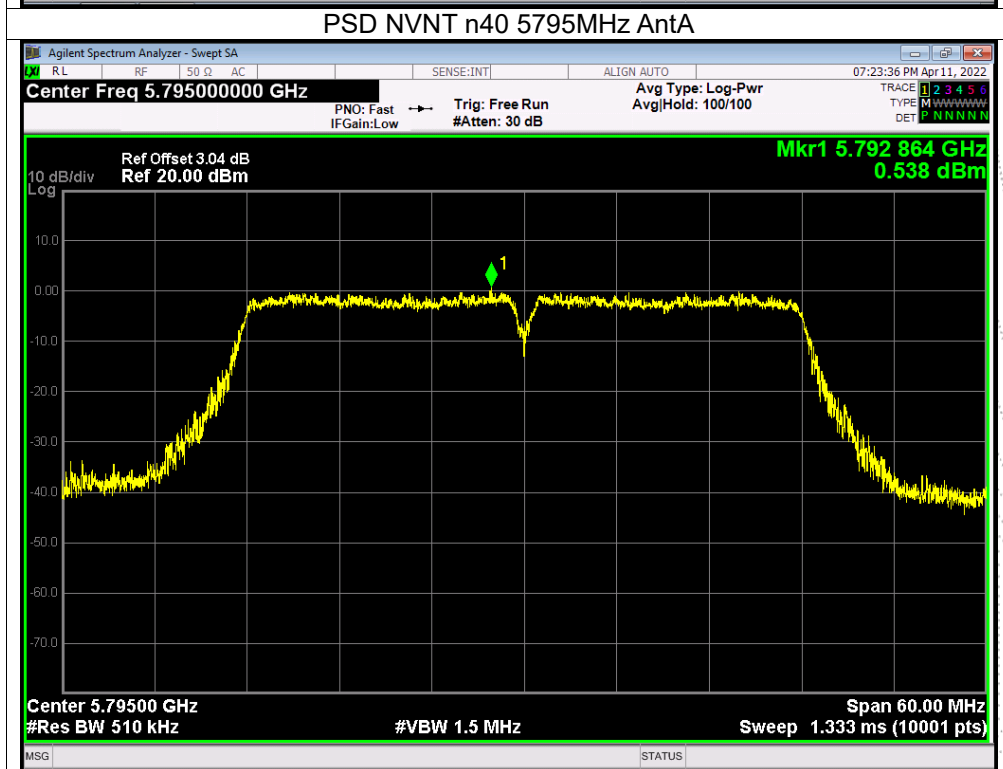
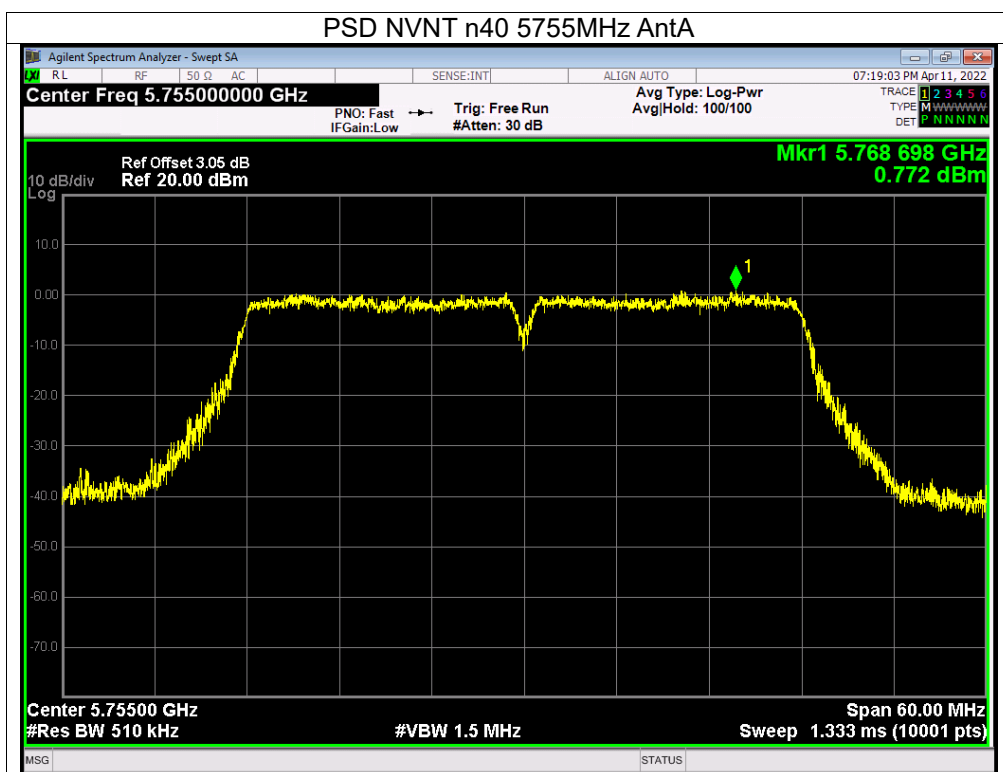


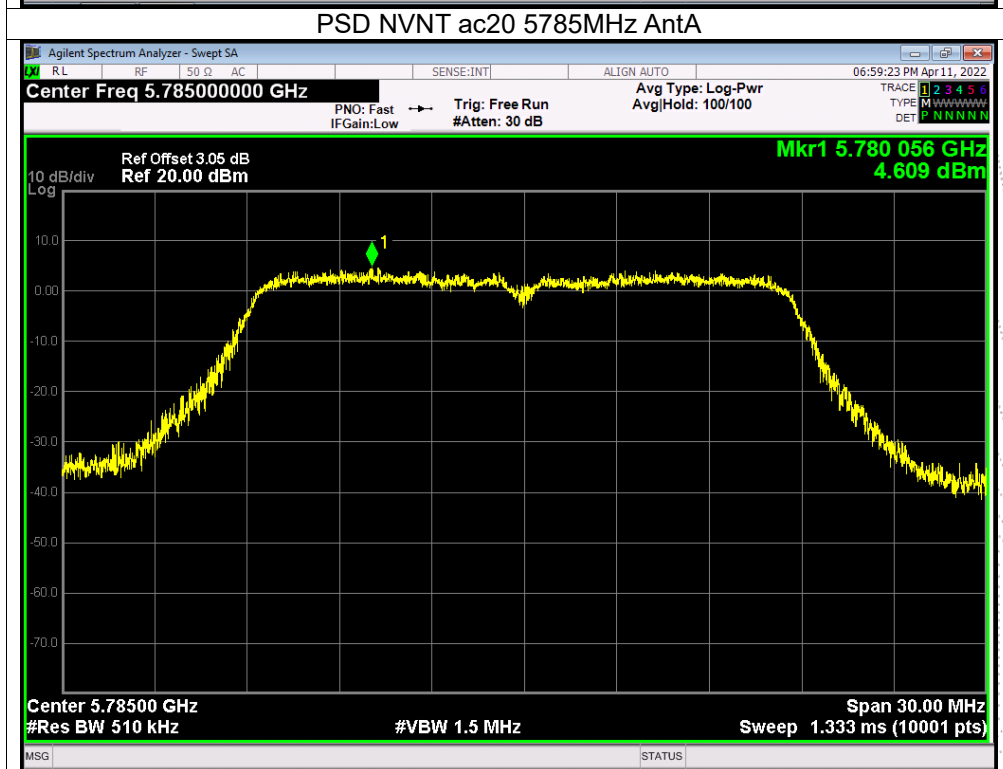
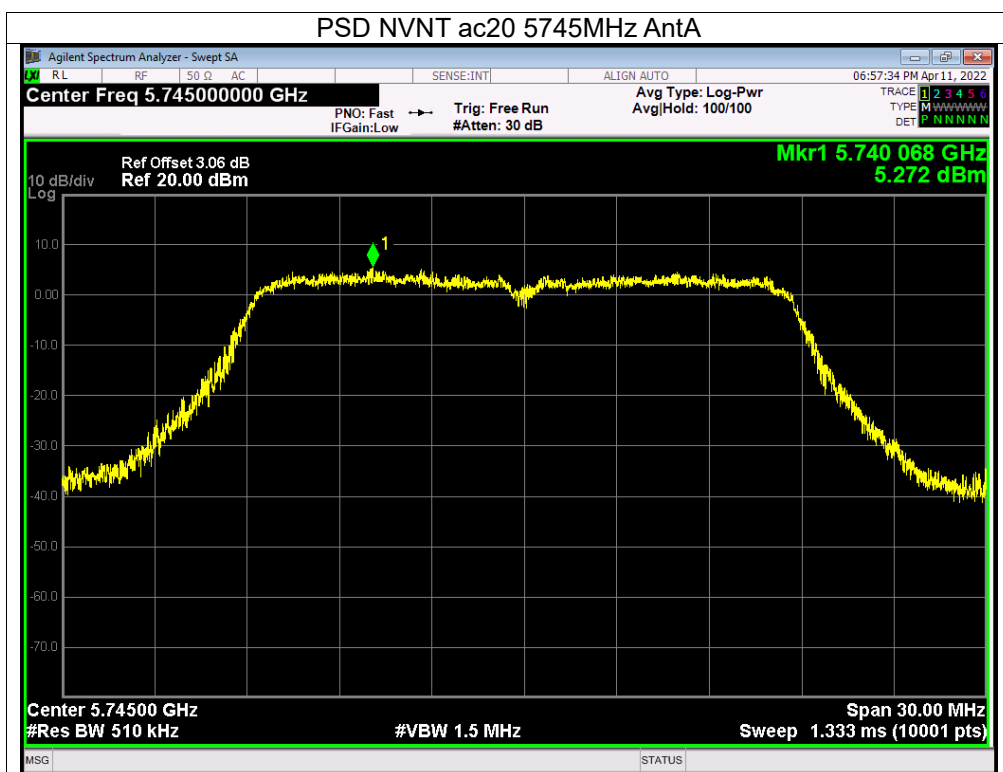
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot.

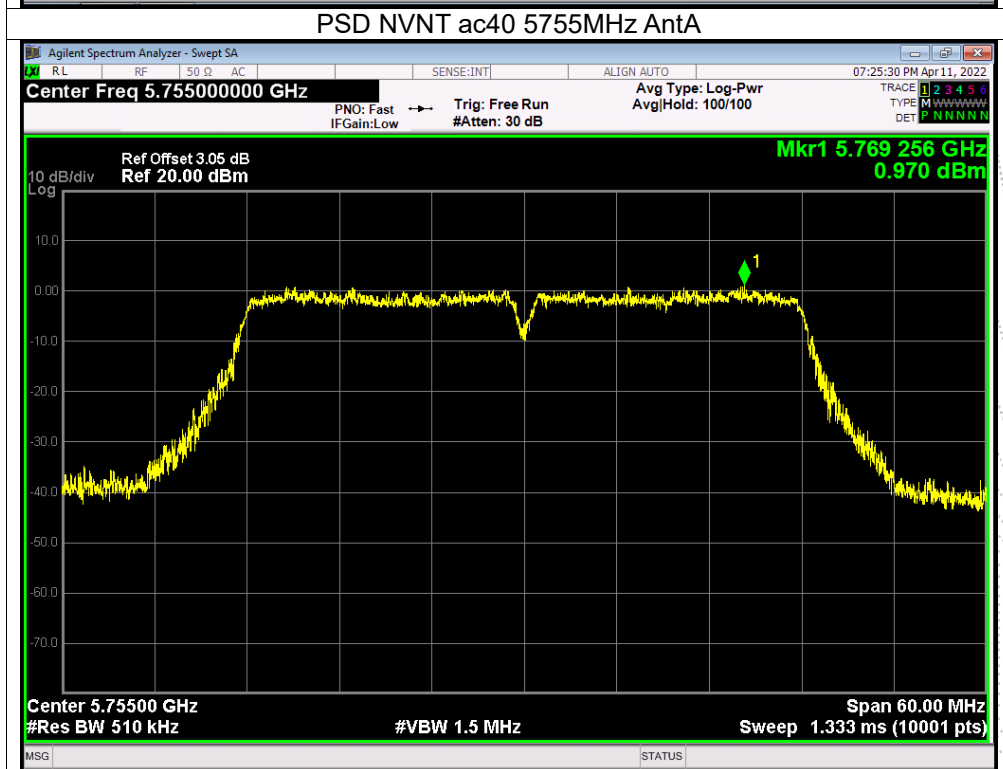
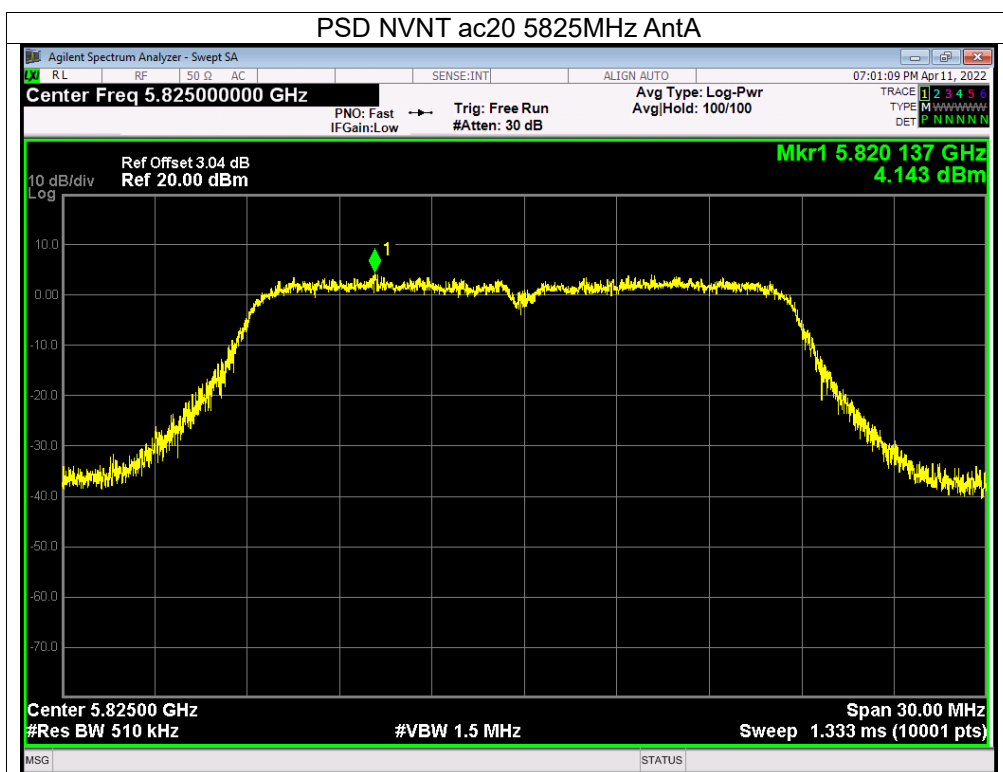


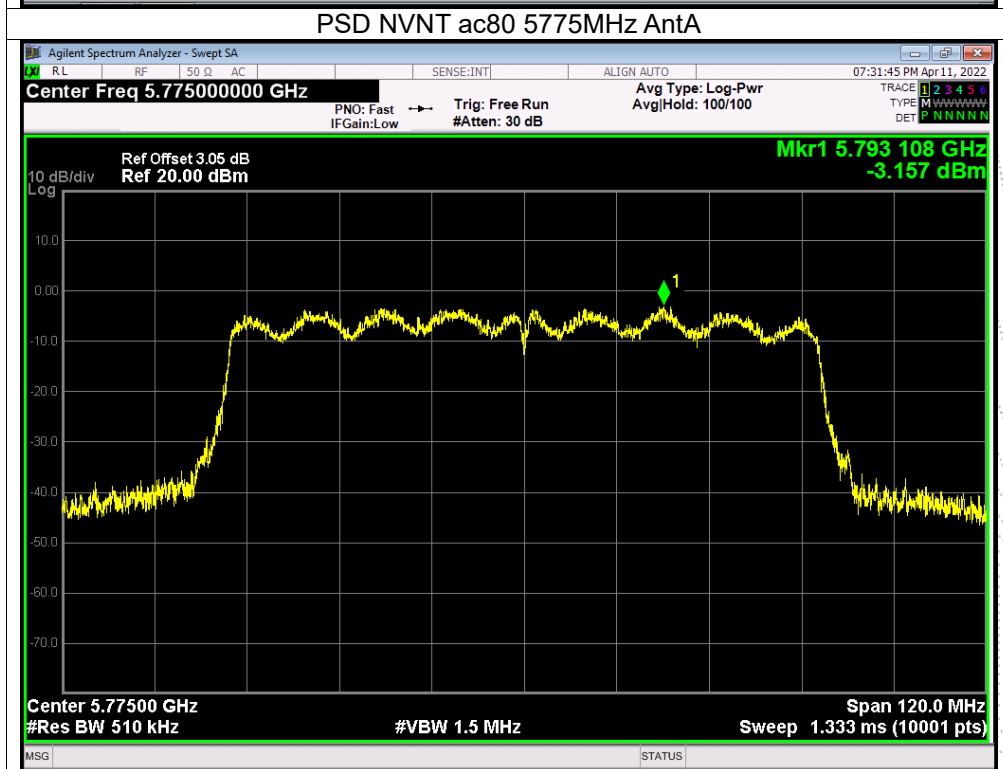
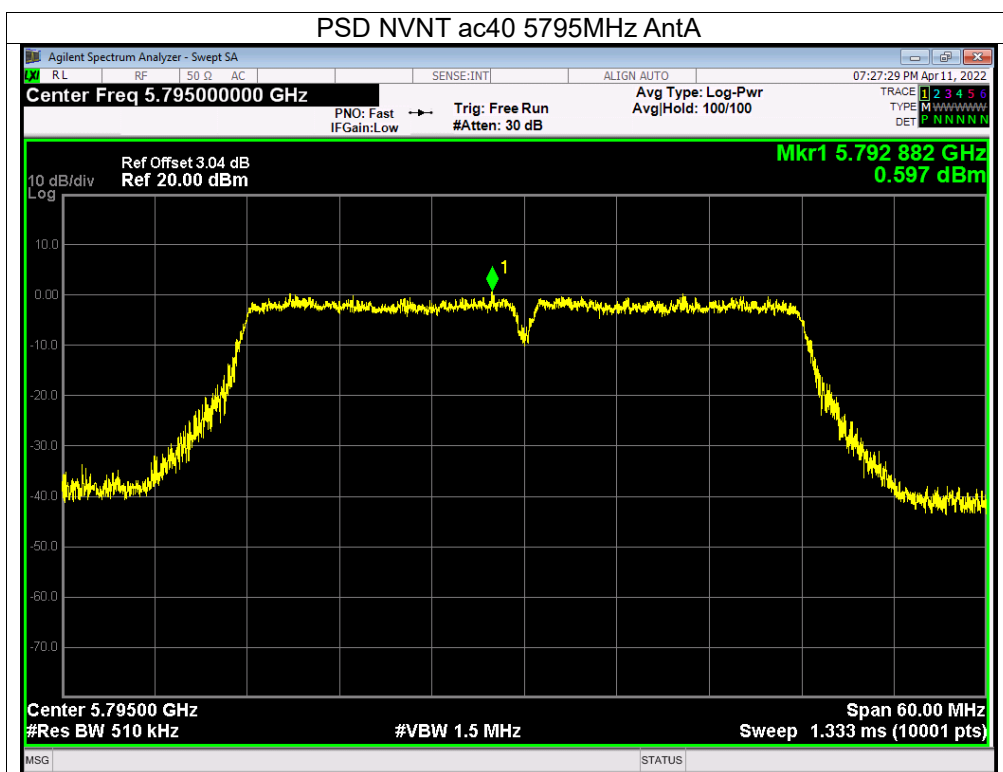






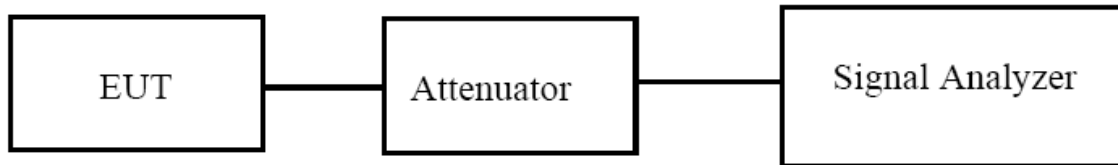






9. 26dB & 6dB & 99% Emission Bandwidth

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

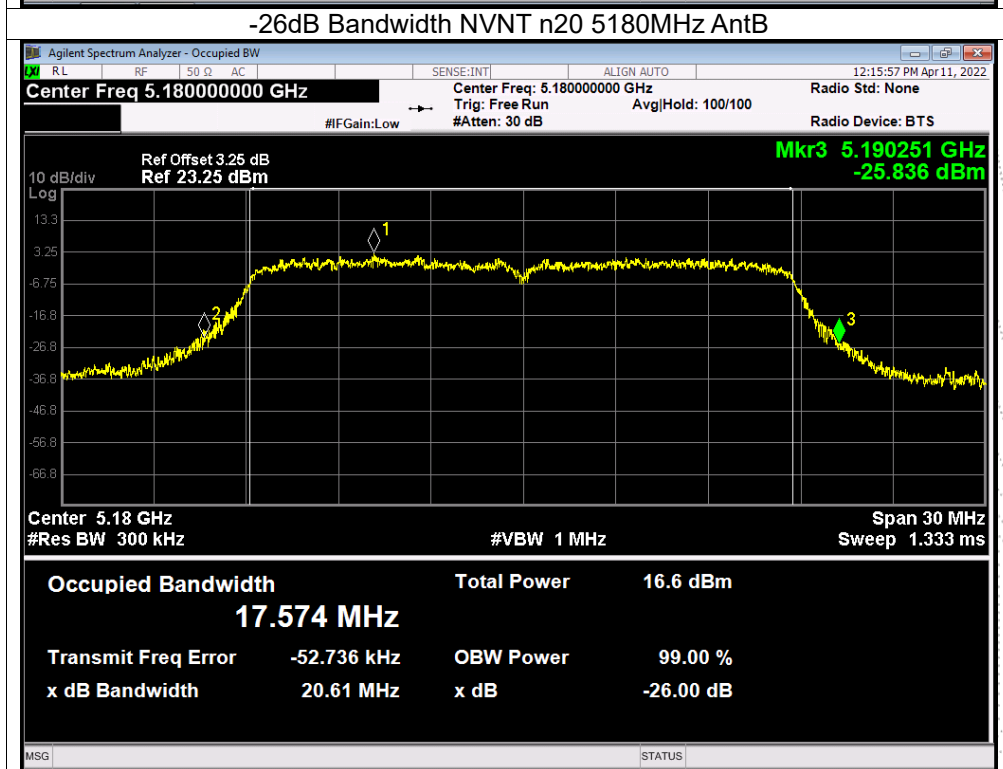
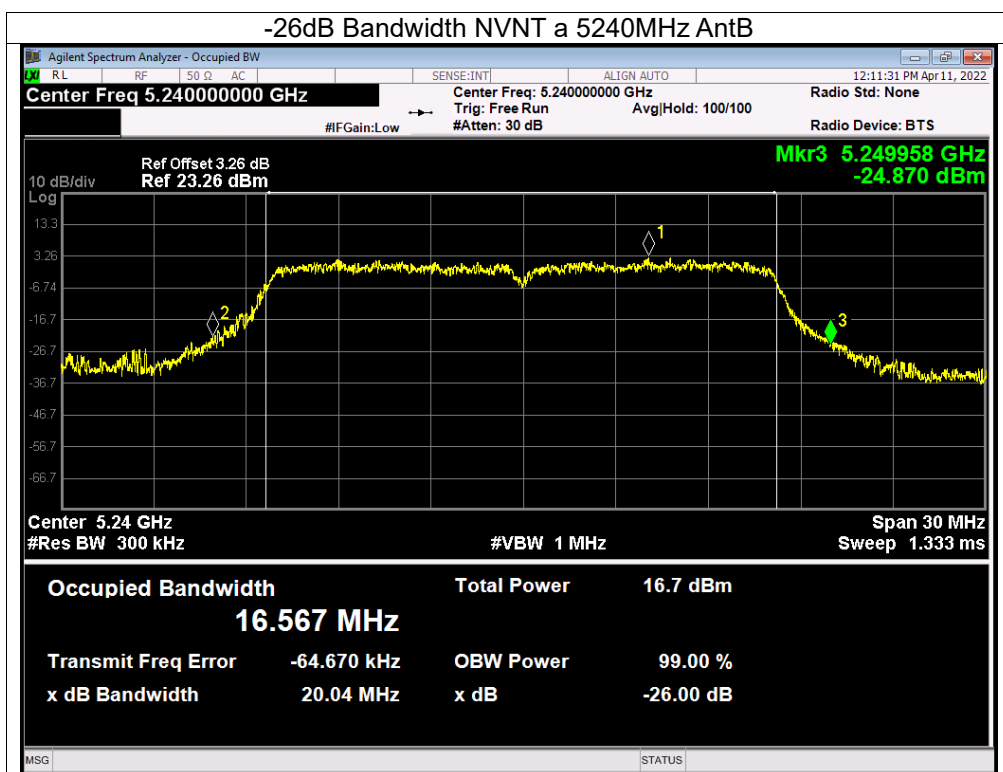
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	(5180-5240MHz)		

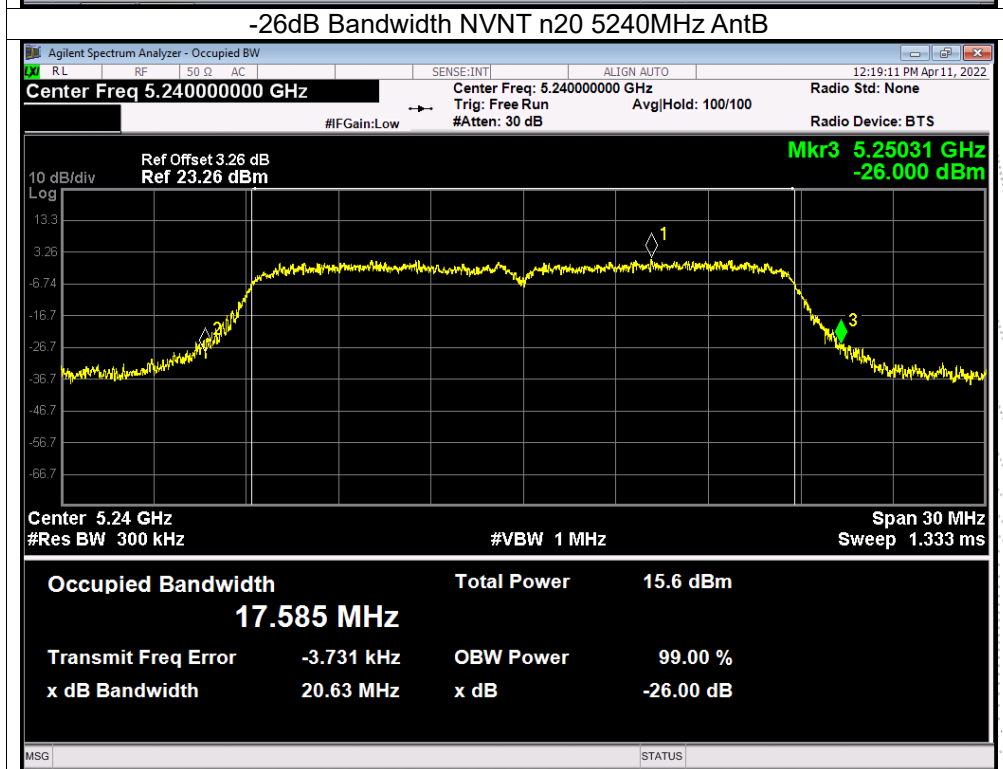
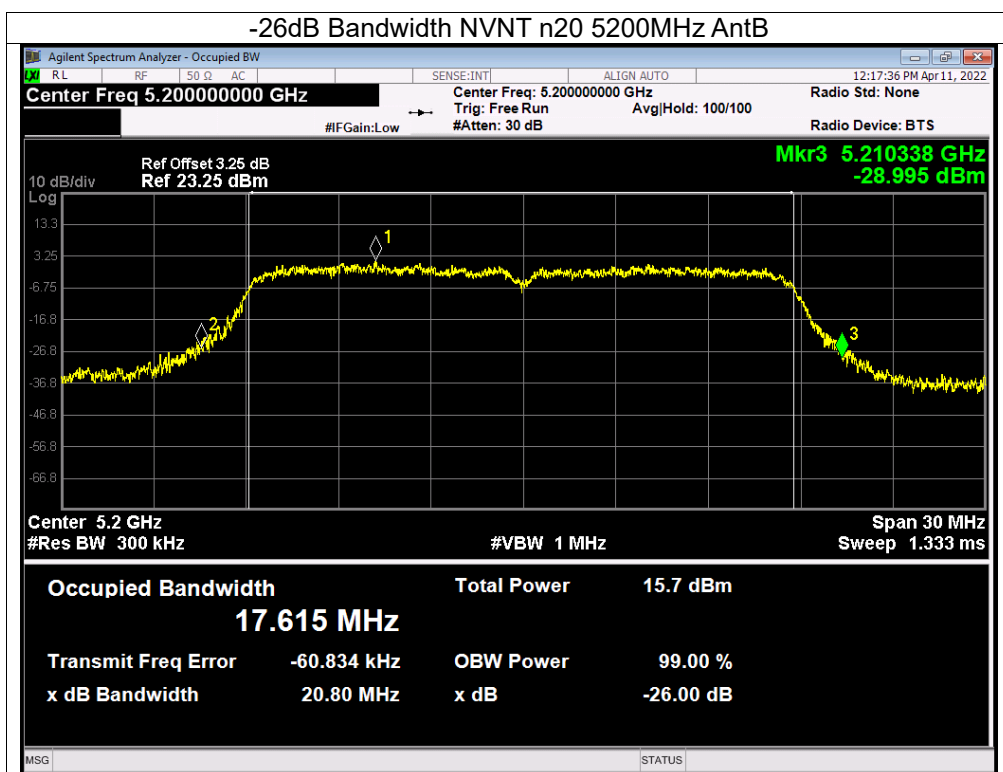
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)		Verdict
			Ant A	Ant B	
NVNT	a	5180	19.868	19.891	Pass
NVNT	a	5200	19.978	20.033	Pass
NVNT	a	5240	19.838	20.044	Pass
NVNT	n20	5180	20.709	20.608	Pass
NVNT	n20	5200	20.691	20.799	Pass
NVNT	n20	5240	20.794	20.628	Pass
NVNT	n40	5190	44.031	43.315	Pass
NVNT	n40	5230	43.564	43.622	Pass
NVNT	ac20	5180	20.707	20.802	Pass
NVNT	ac20	5200	20.602	20.722	Pass
NVNT	ac20	5240	20.688	20.716	Pass
NVNT	ac40	5190	43.442	43.447	Pass
NVNT	ac40	5230	44.198	43.663	Pass
NVNT	ac80	5210	82.177	82.219	Pass

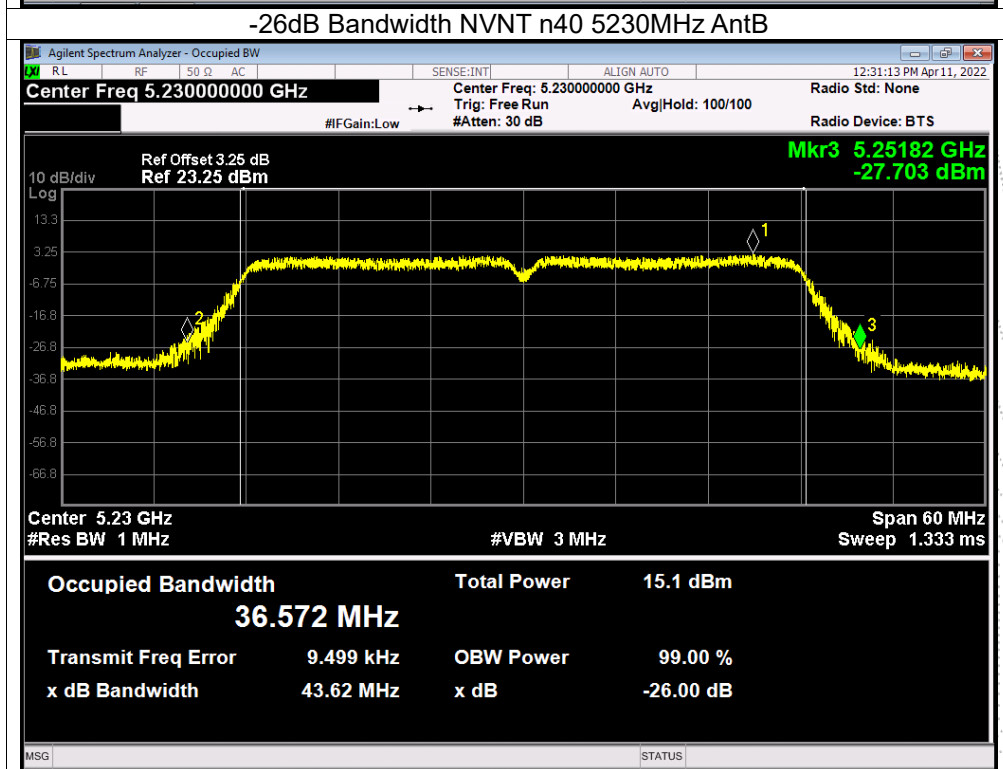
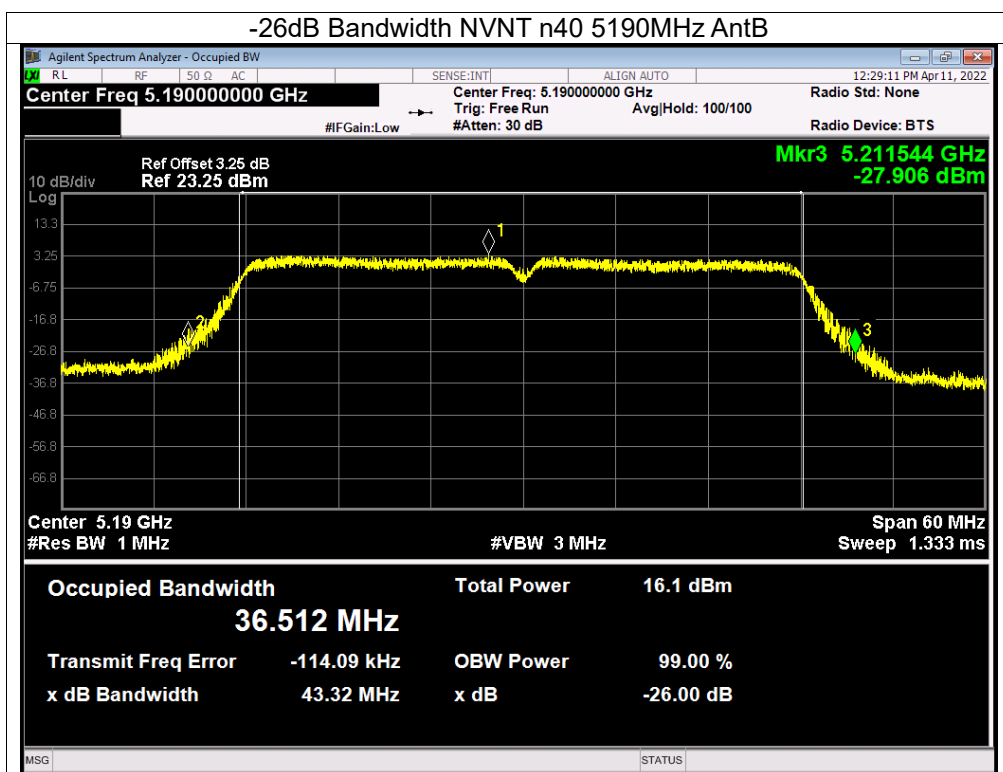
Condition	Mode	Frequency (MHz)	99% OBW (MHz)	
			Ant A	Ant B
NVNT	a	5180	16.404	16.401
NVNT	a	5200	16.457	16.440
NVNT	a	5240	16.417	16.456
NVNT	n20	5180	17.525	17.525
NVNT	n20	5200	17.537	17.550
NVNT	n20	5240	17.551	17.539
NVNT	n40	5190	36.202	36.192
NVNT	n40	5230	36.207	36.224
NVNT	ac20	5180	17.517	17.533
NVNT	ac20	5200	17.538	17.539
NVNT	ac20	5240	17.549	17.539
NVNT	ac40	5190	36.155	36.191
NVNT	ac40	5230	36.279	36.210
NVNT	ac80	5210	75.215	75.277

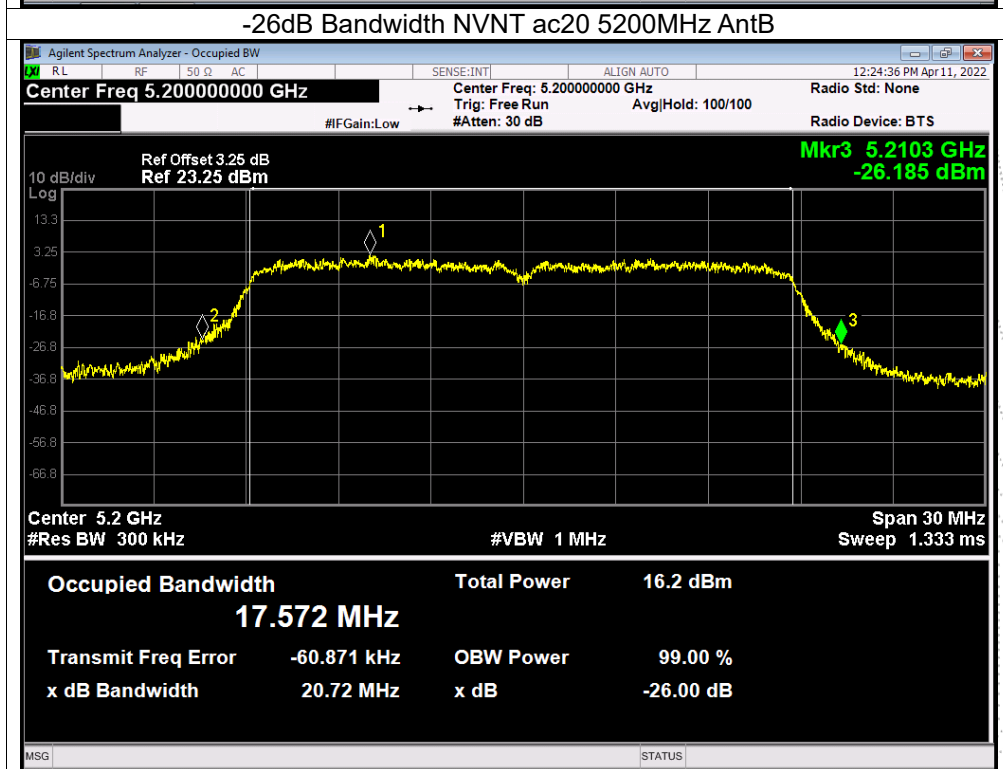
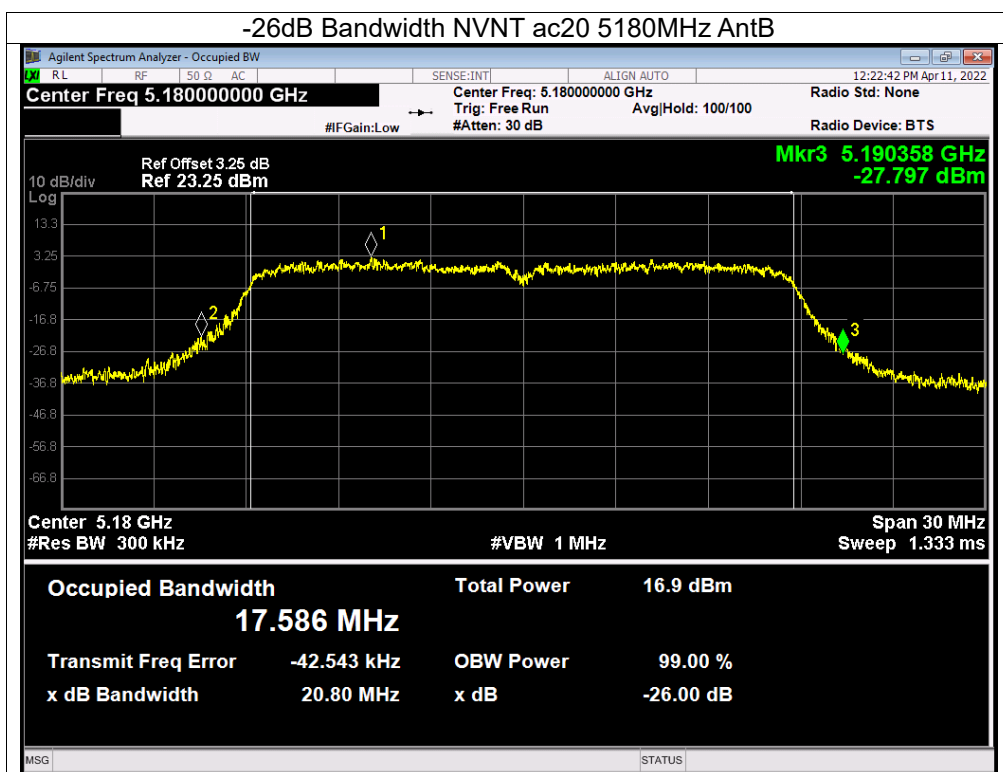
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

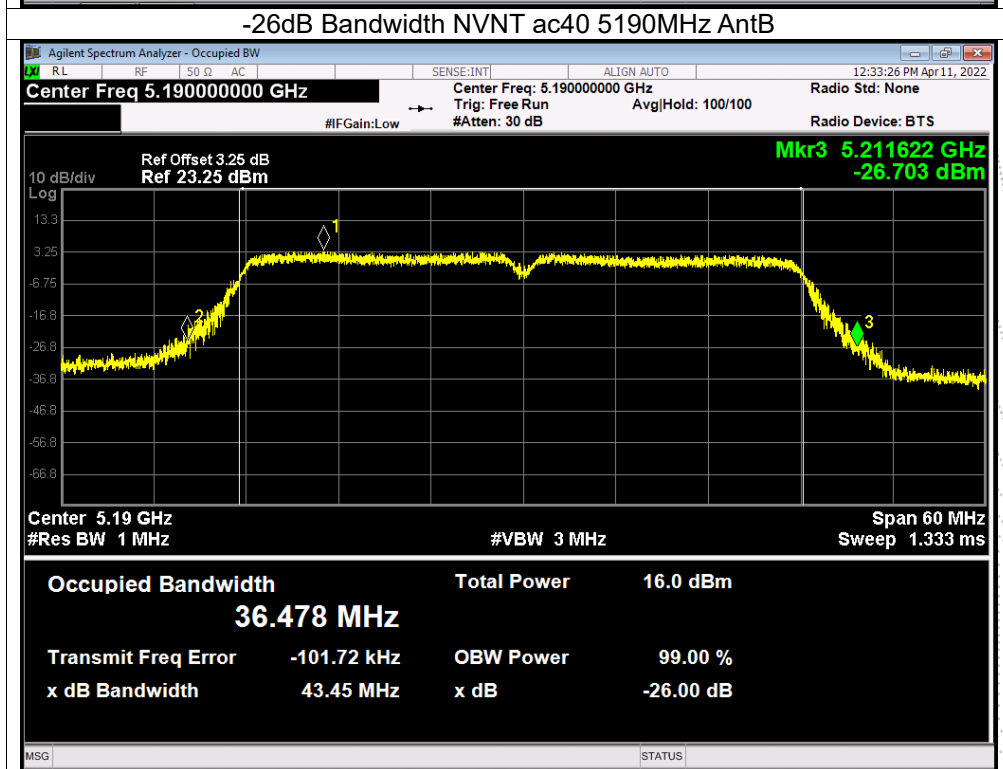
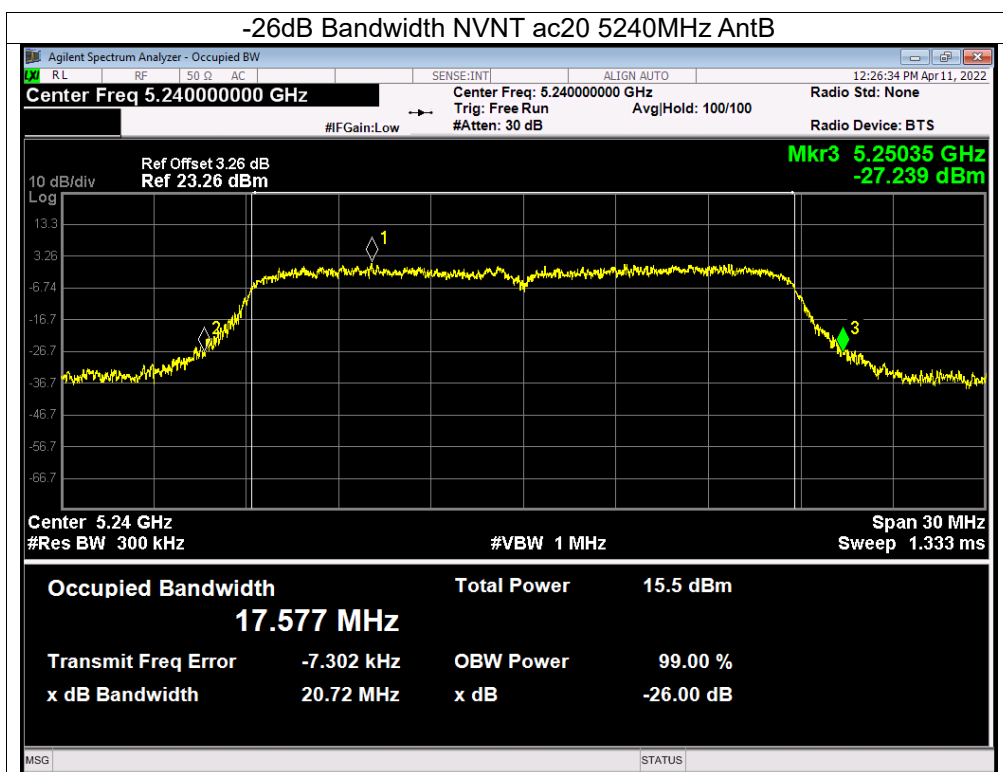


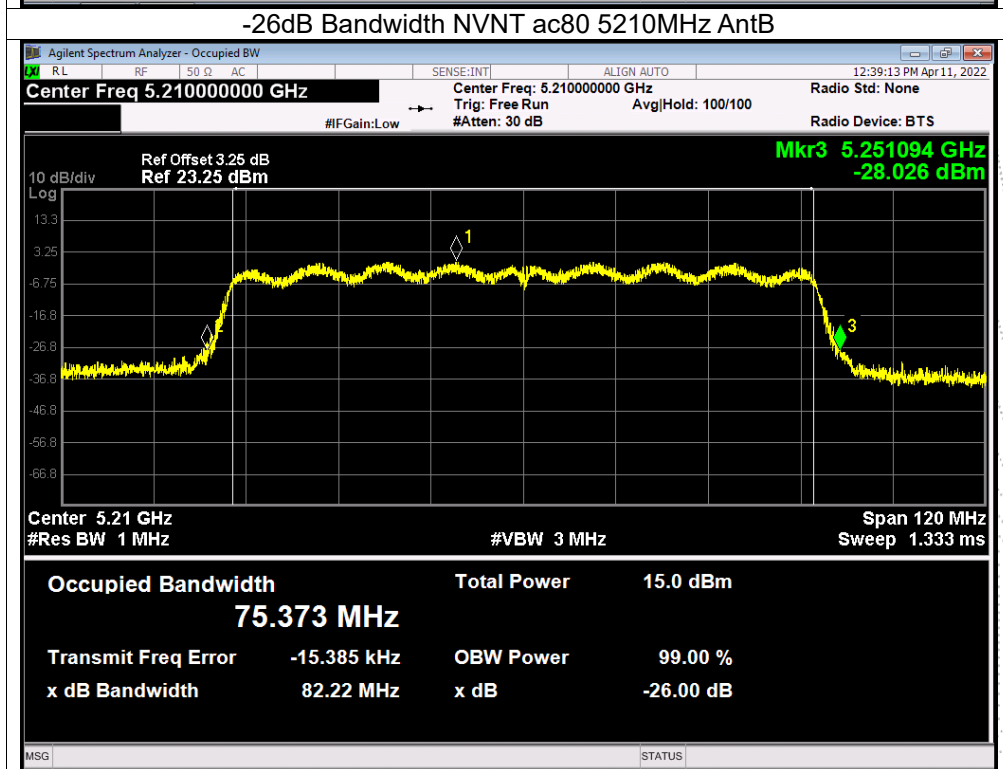
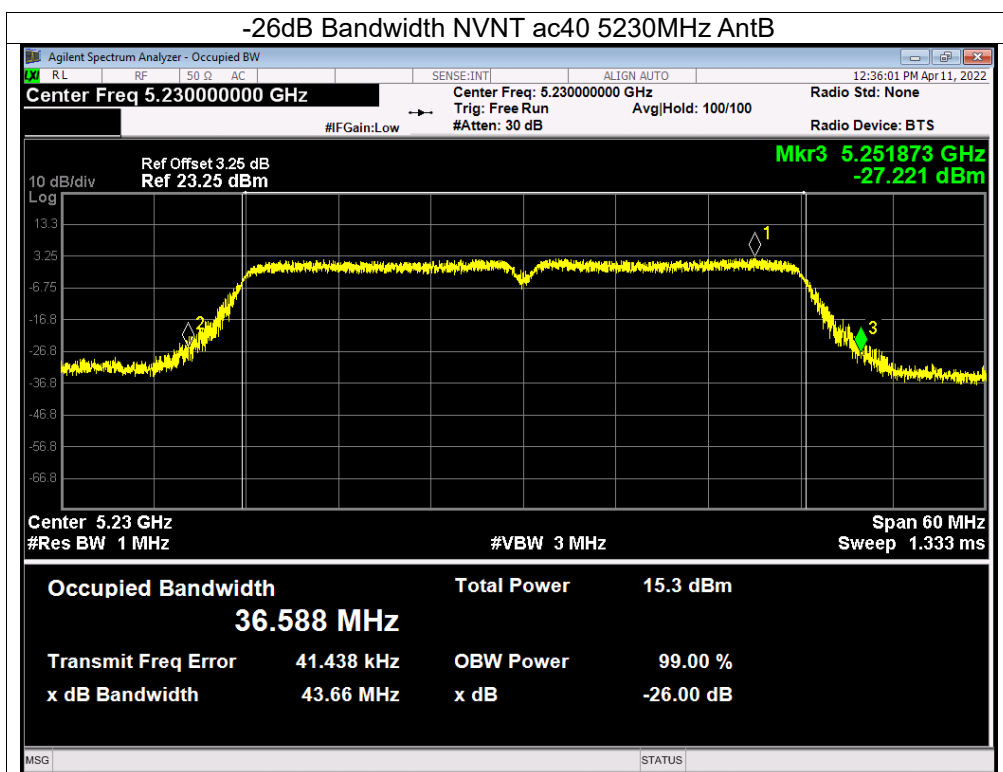


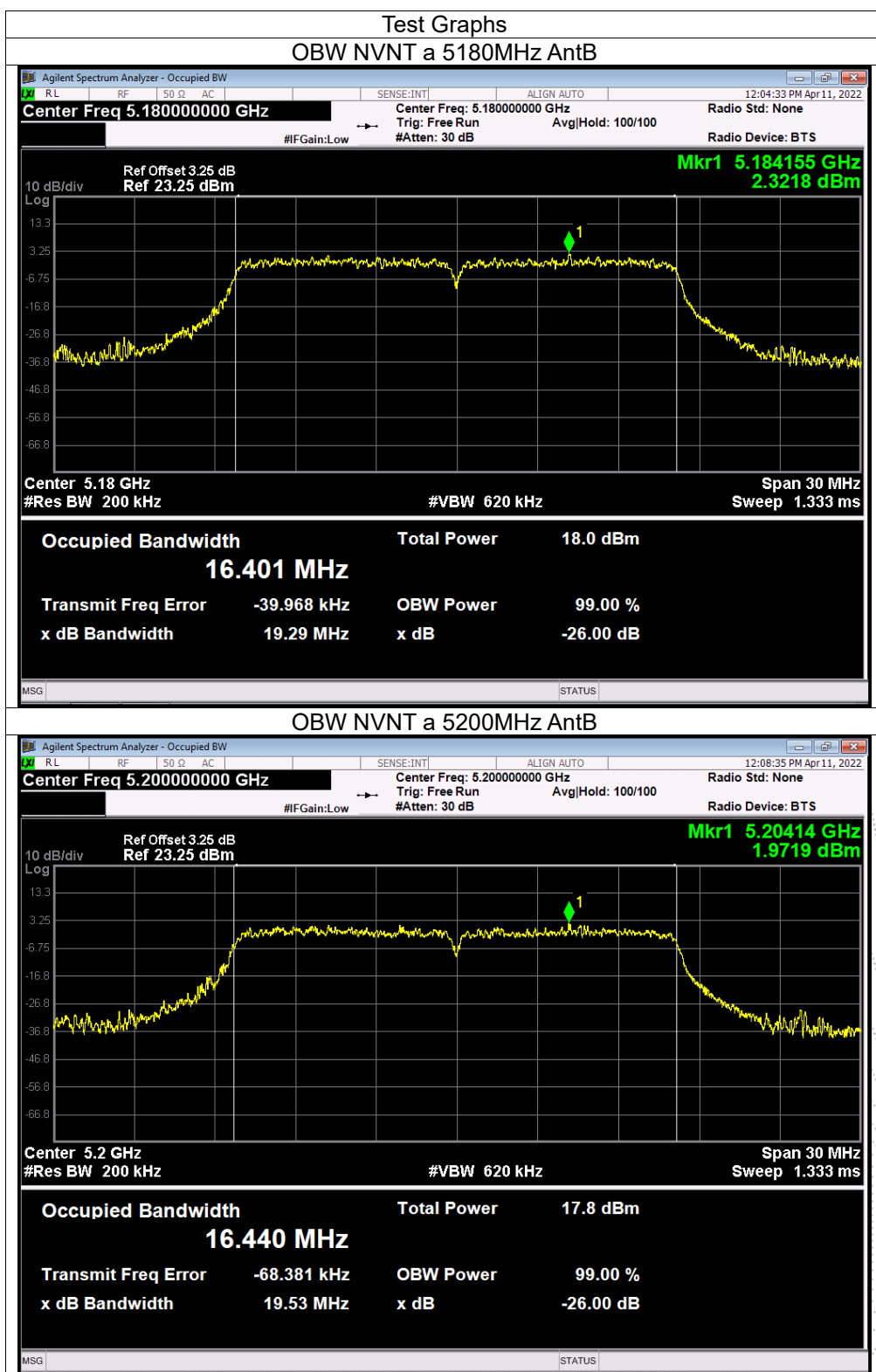


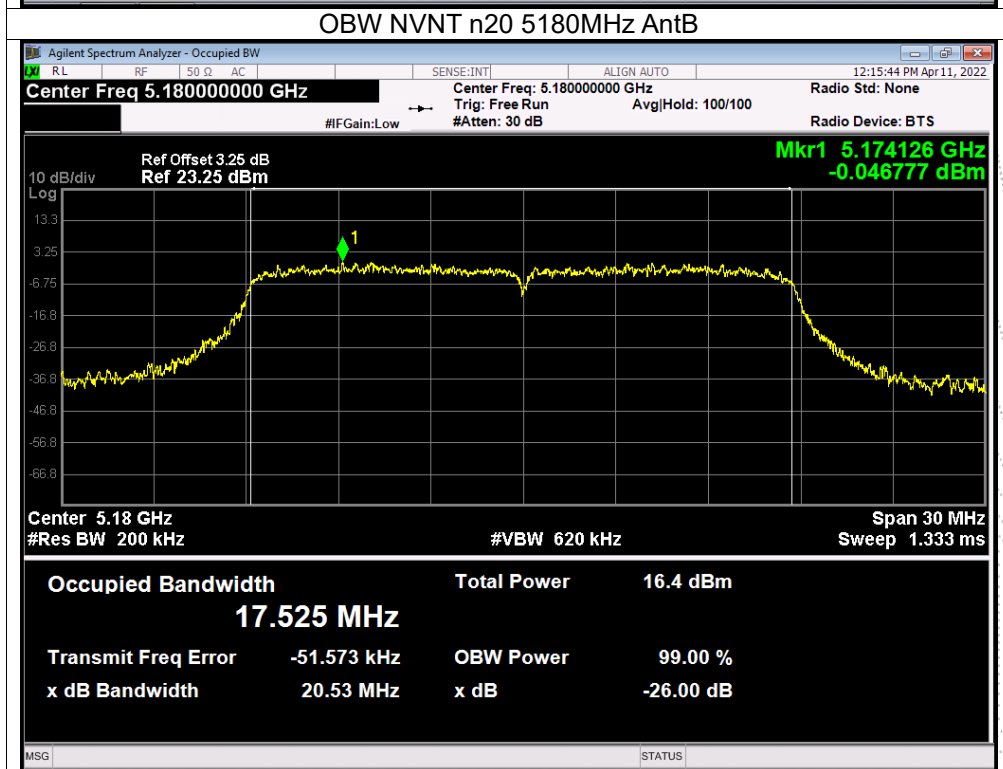
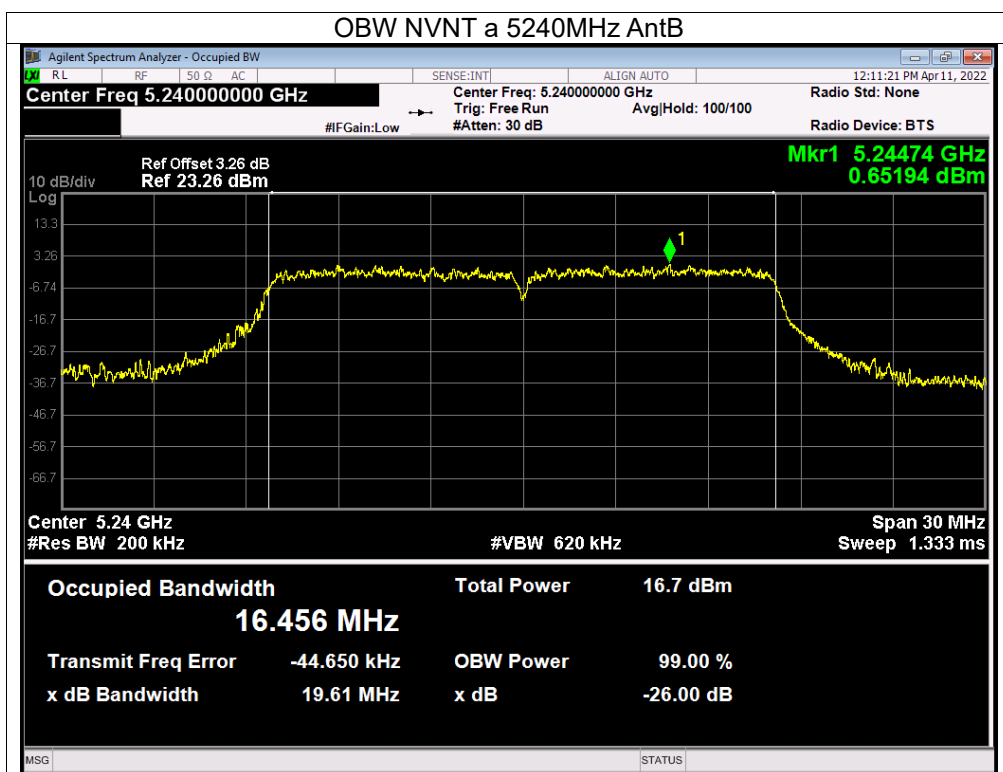


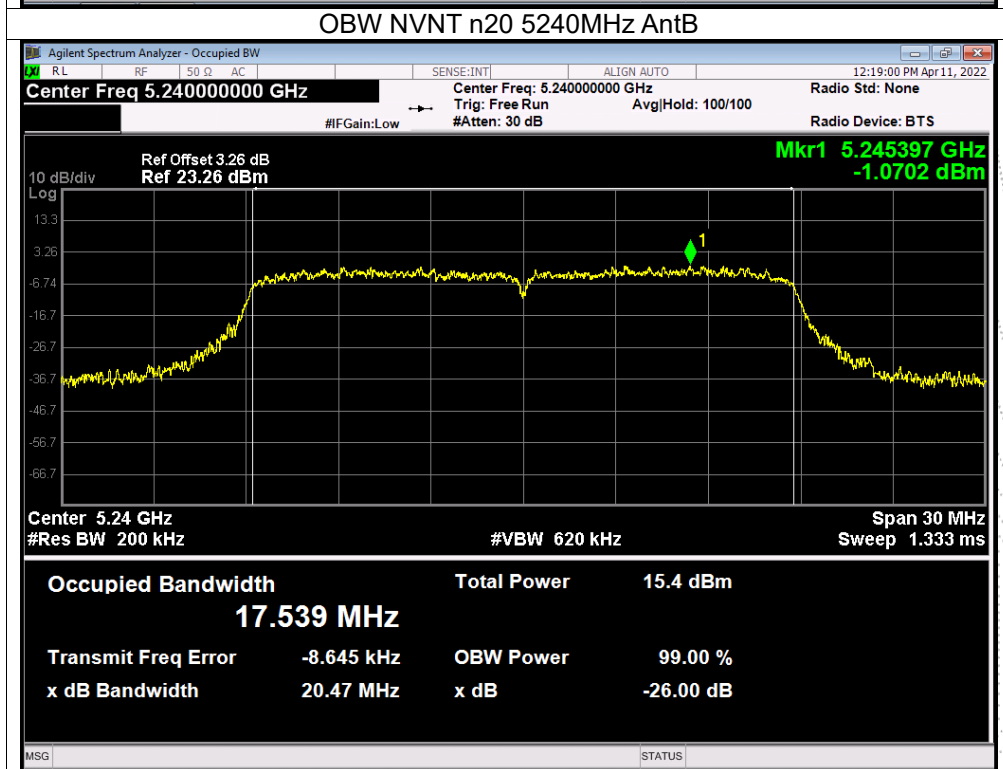
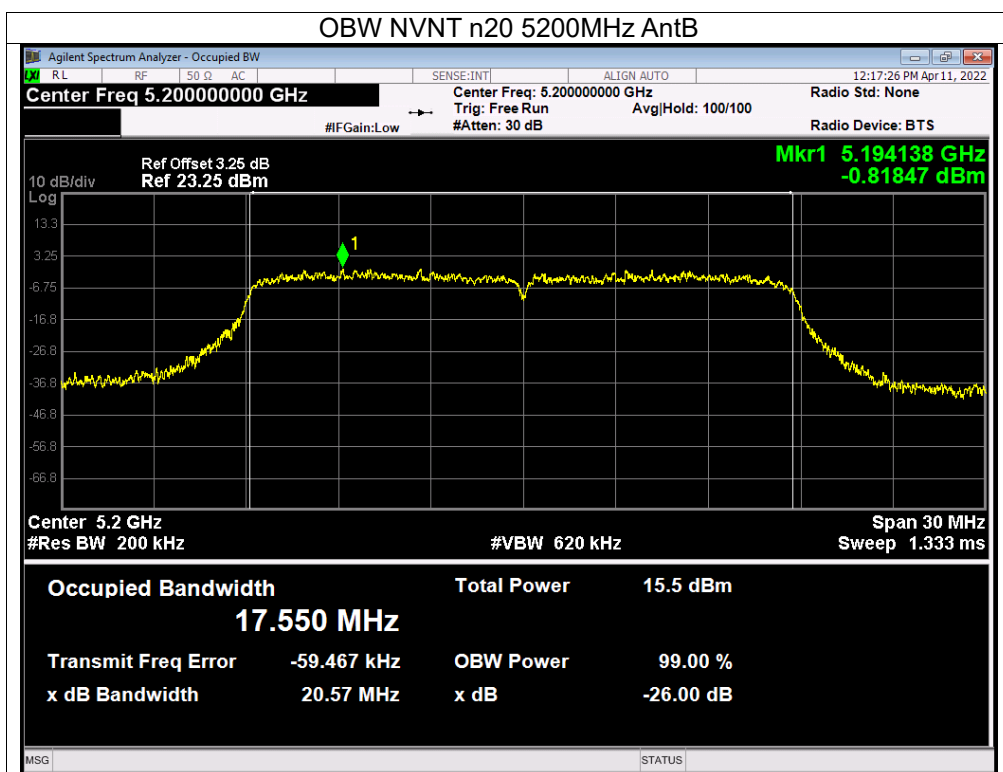


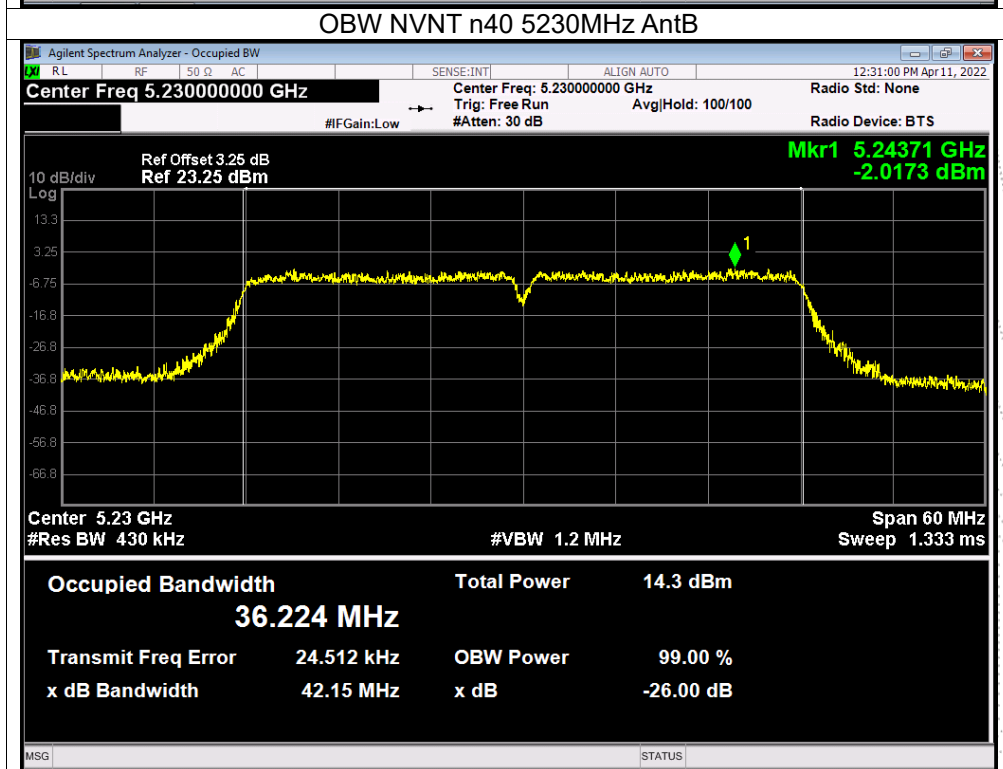
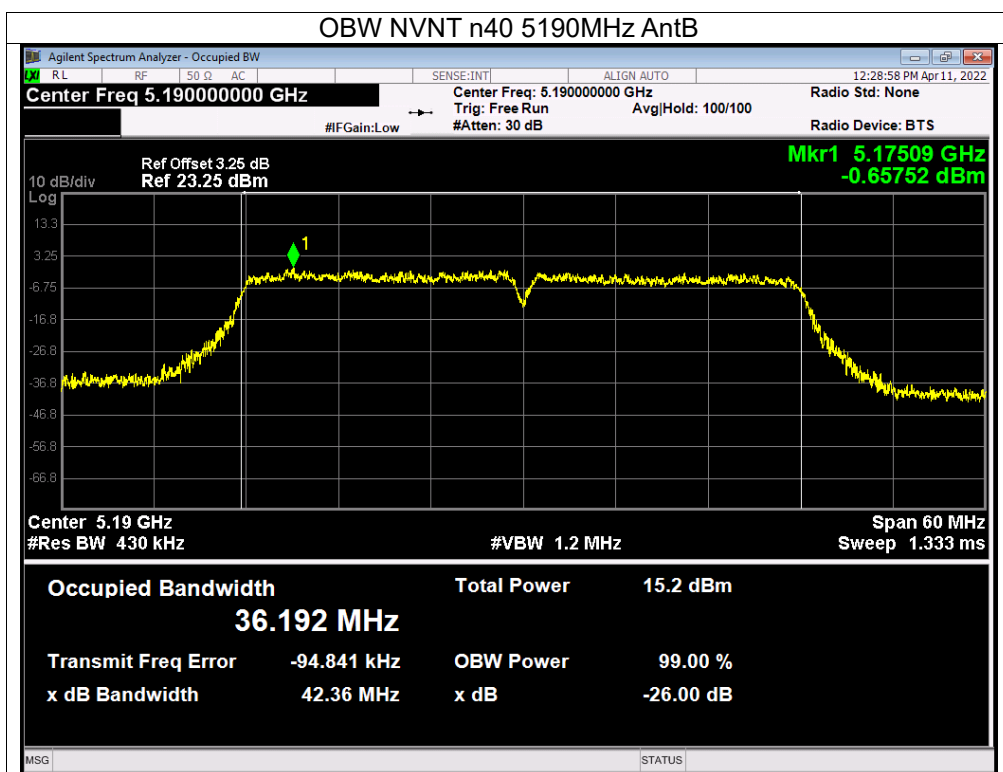


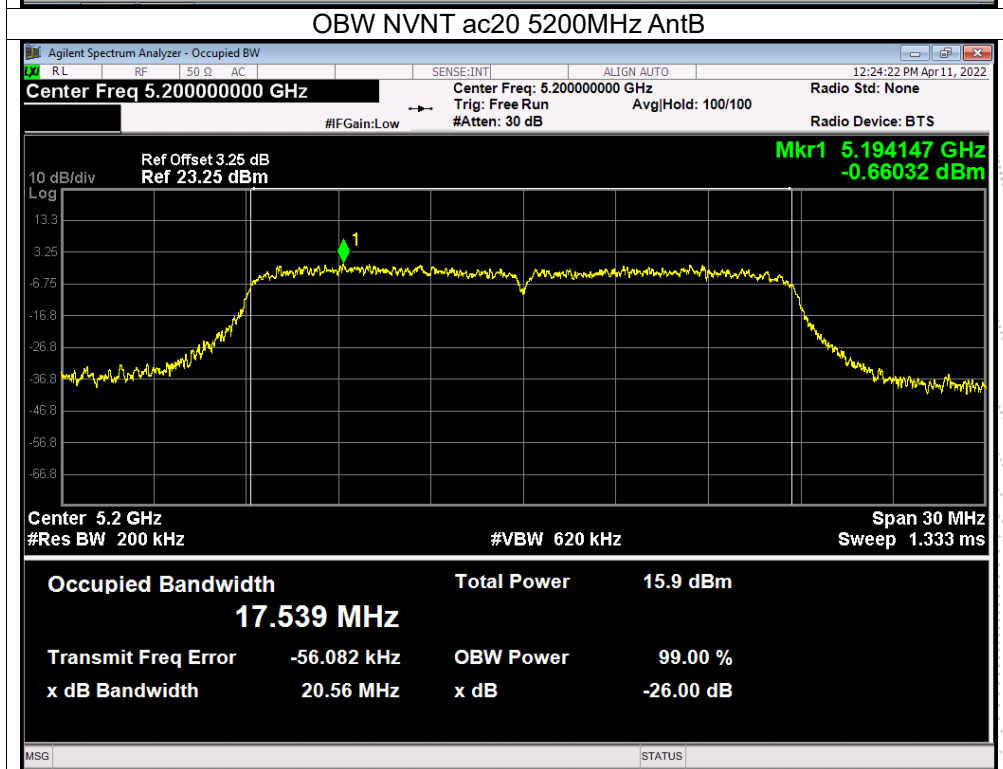
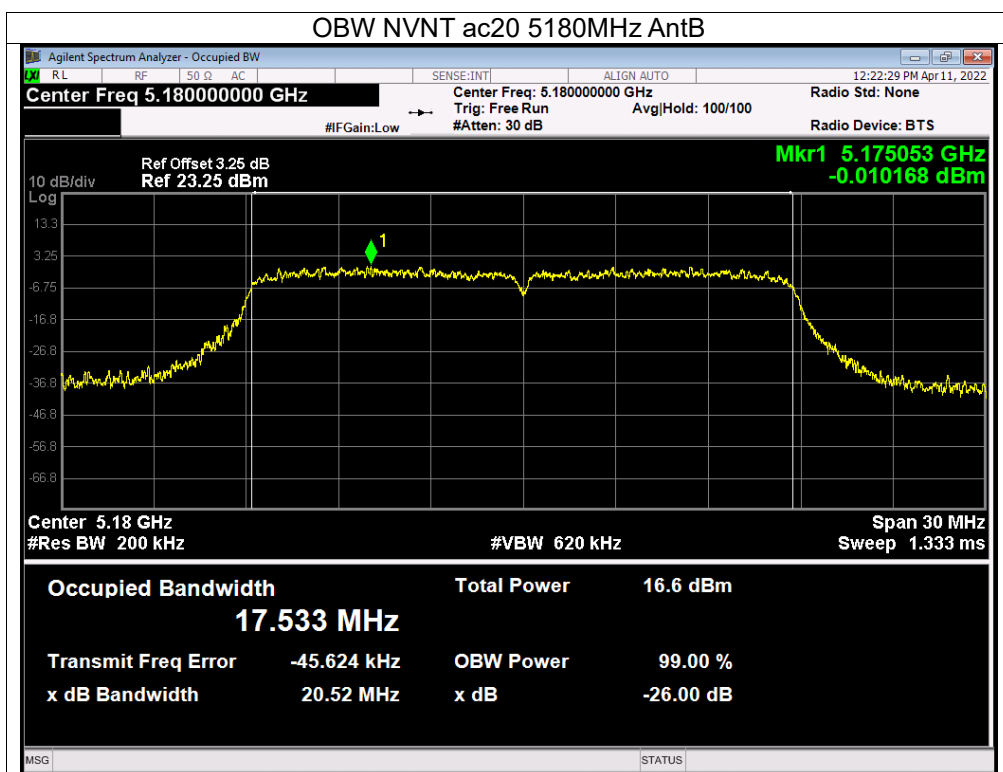


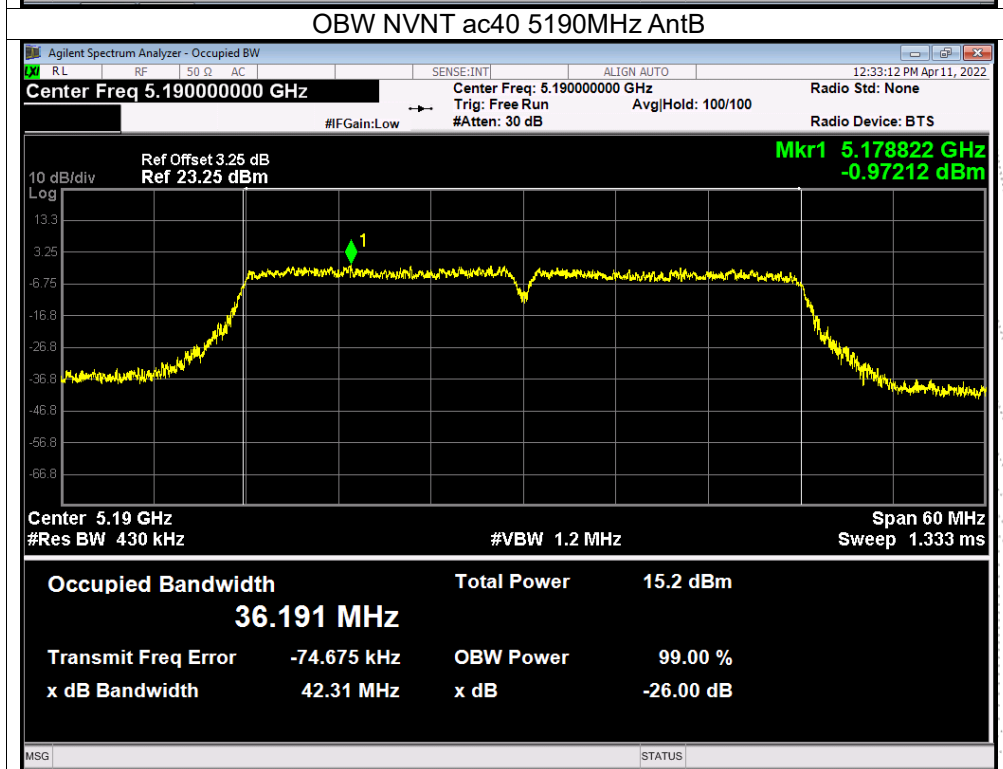
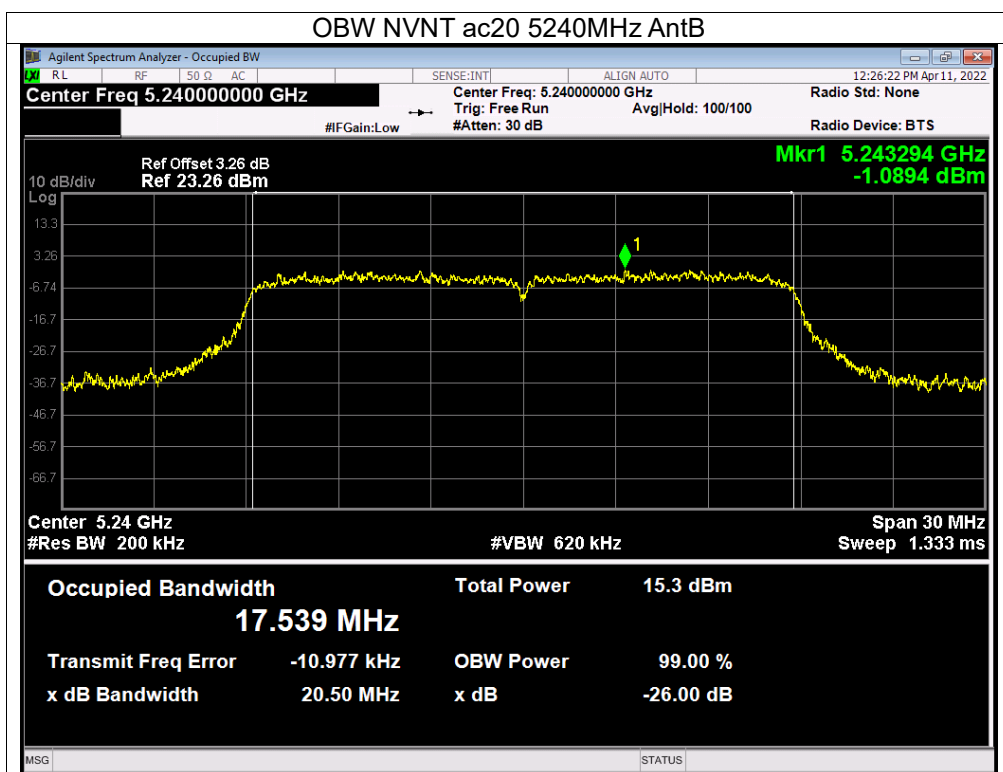


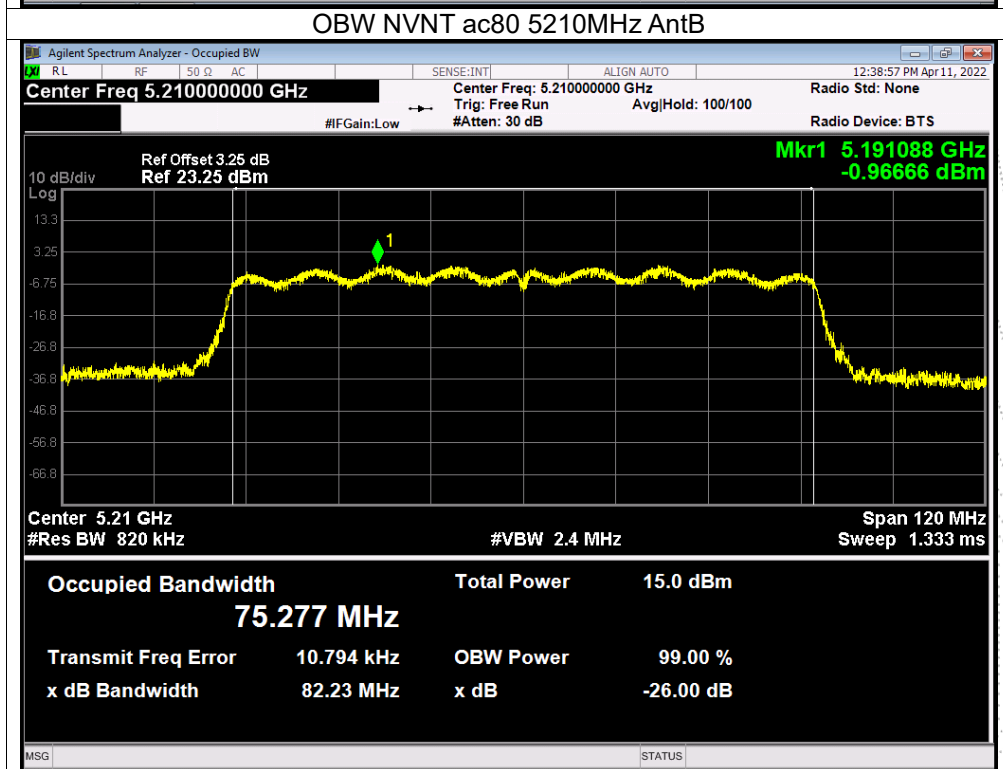
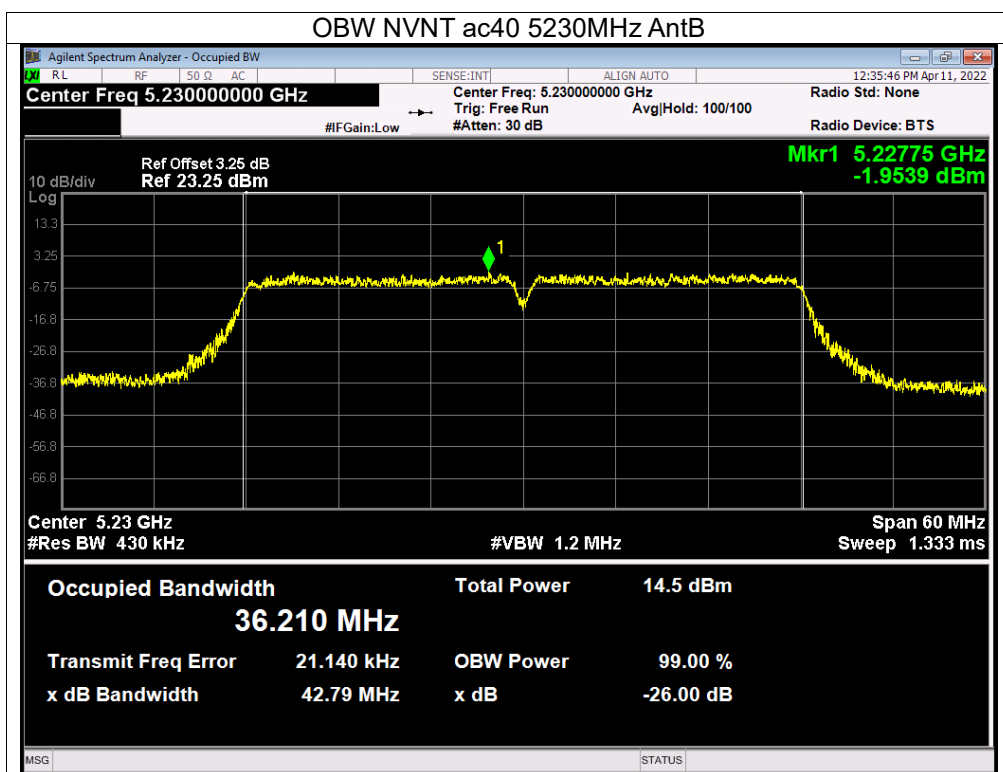












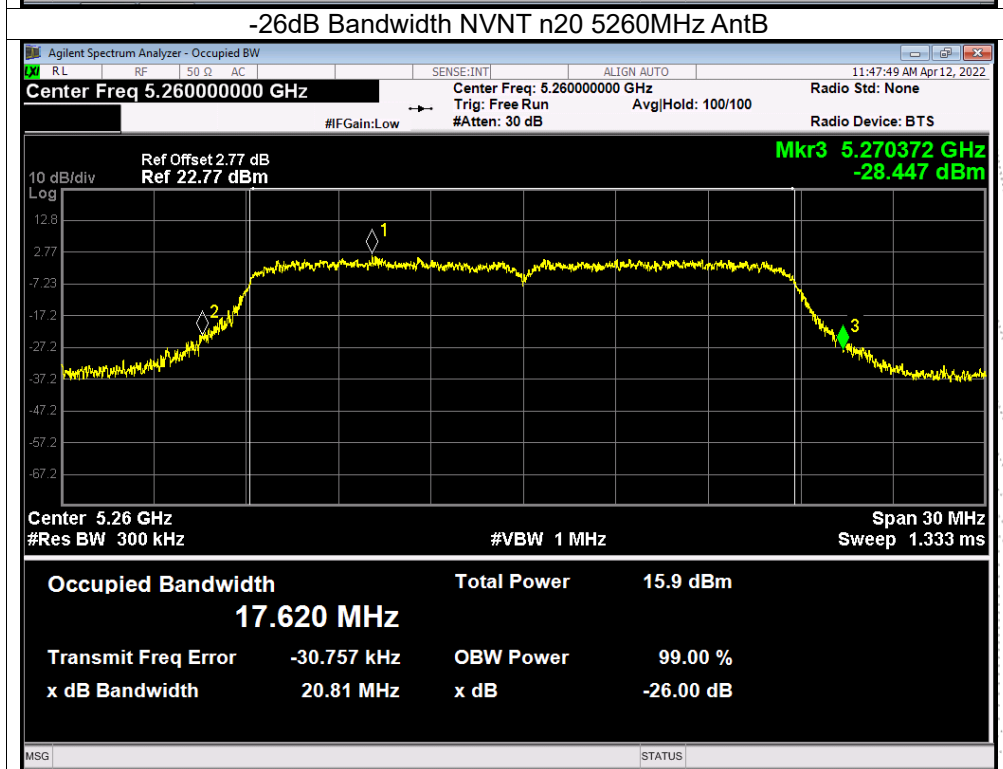
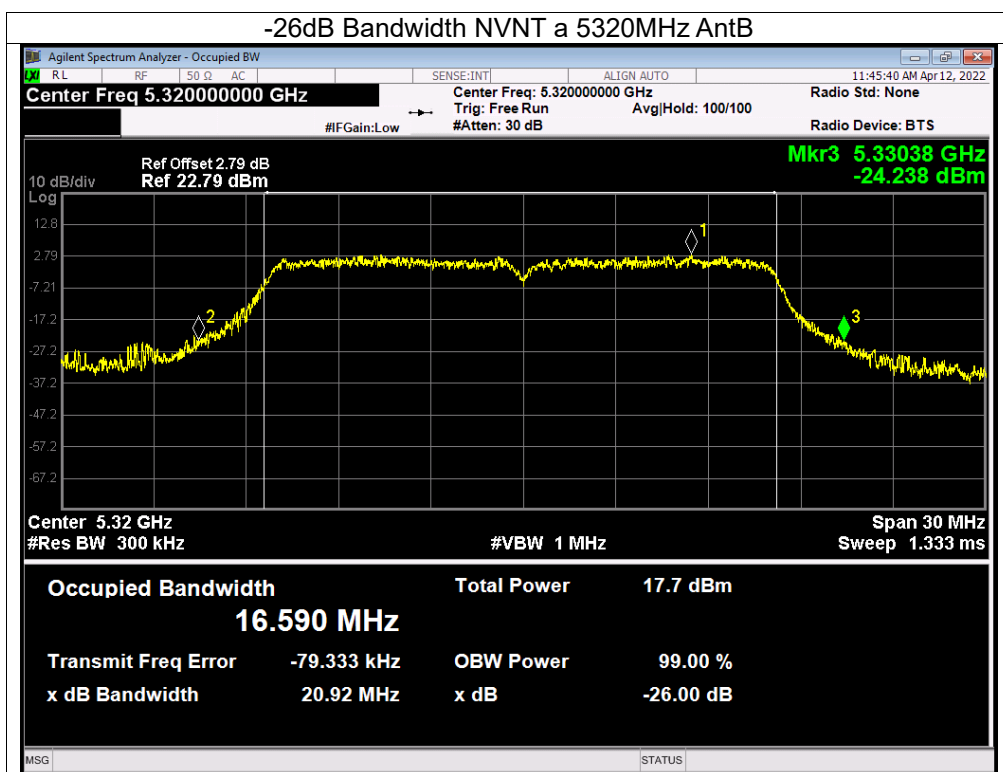
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	(5260-5320MHz)		

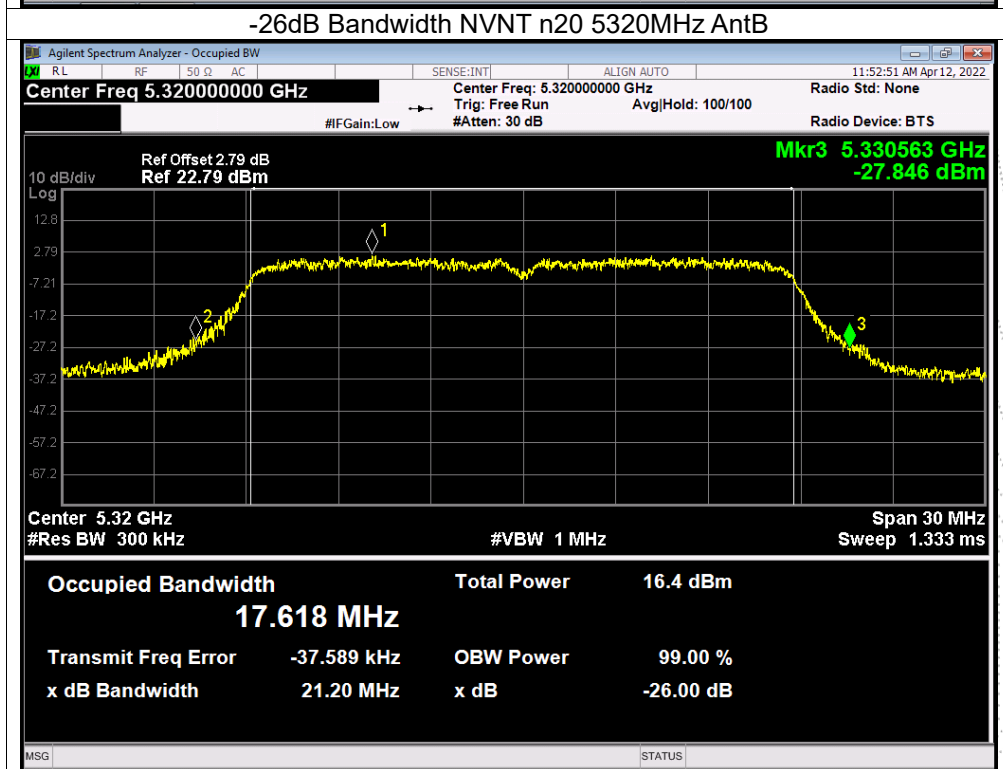
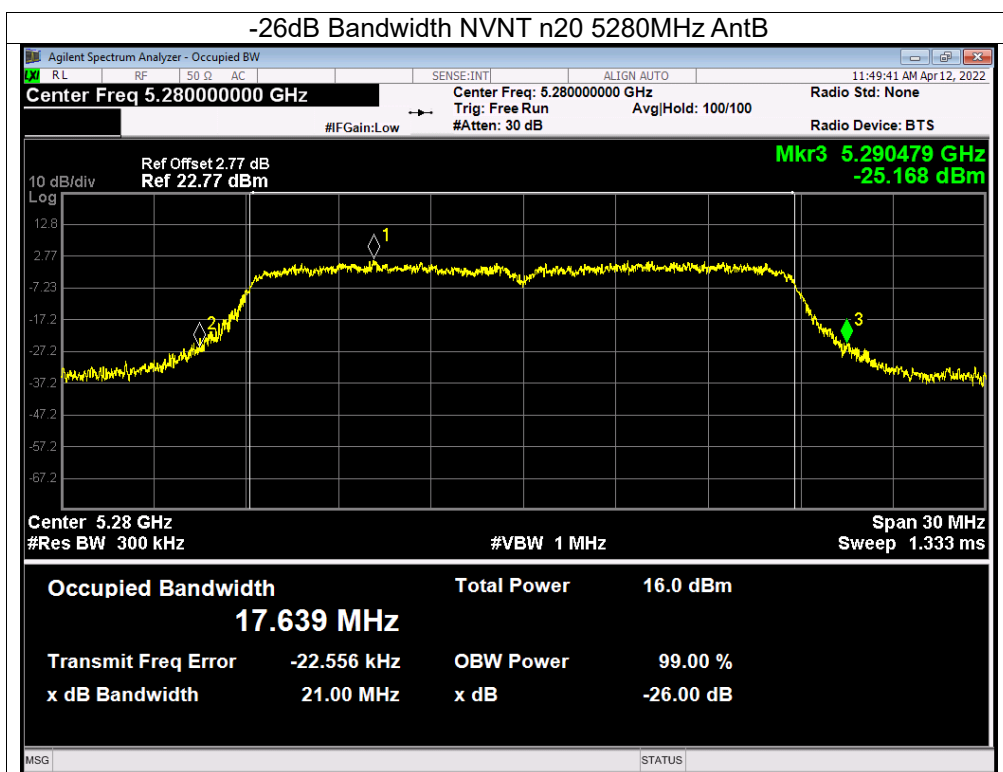
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)		Verdict
			Ant A	Ant B	
NVNT	a	5260	20.845	20.945	Pass
NVNT	a	5280	21.138	20.975	Pass
NVNT	a	5320	20.913	20.919	Pass
NVNT	n20	5260	21.064	20.806	Pass
NVNT	n20	5280	21.138	21.004	Pass
NVNT	n20	5320	20.801	21.200	Pass
NVNT	n40	5270	44.307	44.212	Pass
NVNT	n40	5310	43.987	44.033	Pass
NVNT	ac20	5260	21.089	20.910	Pass
NVNT	ac20	5280	20.96	20.924	Pass
NVNT	ac20	5320	21.159	20.790	Pass
NVNT	ac40	5270	43.848	44.356	Pass
NVNT	ac40	5310	44.375	43.981	Pass
NVNT	ac80	5290	82.307	82.514	Pass

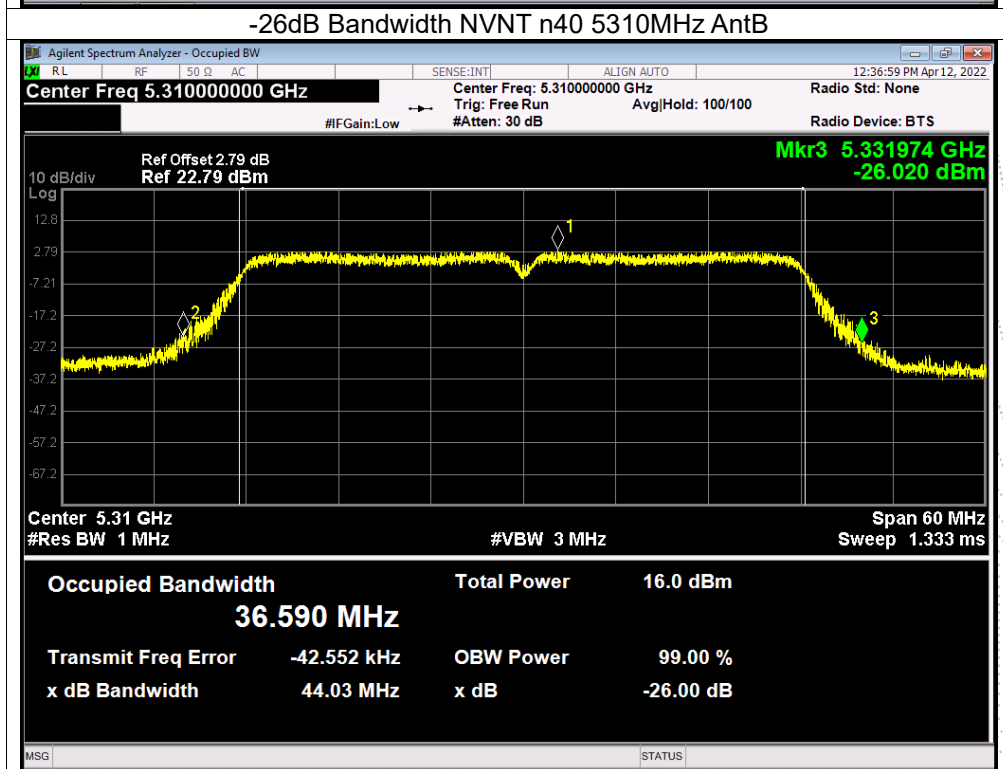
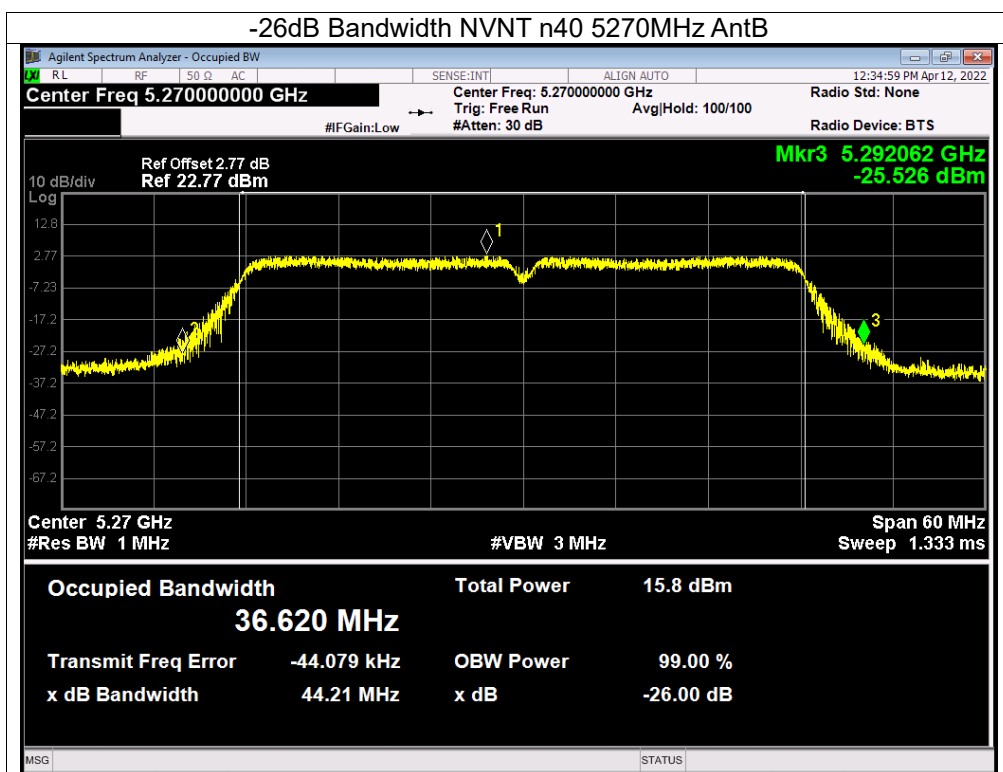
Condition	Mode	Frequency (MHz)	99% OBW (MHz)	
			Ant A	Ant B
NVNT	a	5260	16.448	16.484
NVNT	a	5280	16.482	16.455
NVNT	a	5320	16.433	16.458
NVNT	n20	5260	17.555	17.560
NVNT	n20	5280	17.587	17.575
NVNT	n20	5320	17.558	17.567
NVNT	n40	5270	36.278	36.310
NVNT	n40	5310	36.237	36.213
NVNT	ac20	5260	17.607	17.581
NVNT	ac20	5280	17.594	17.599
NVNT	ac20	5320	17.569	17.566
NVNT	ac40	5270	36.305	36.270
NVNT	ac40	5310	36.231	36.267
NVNT	ac80	5290	75.285	75.273

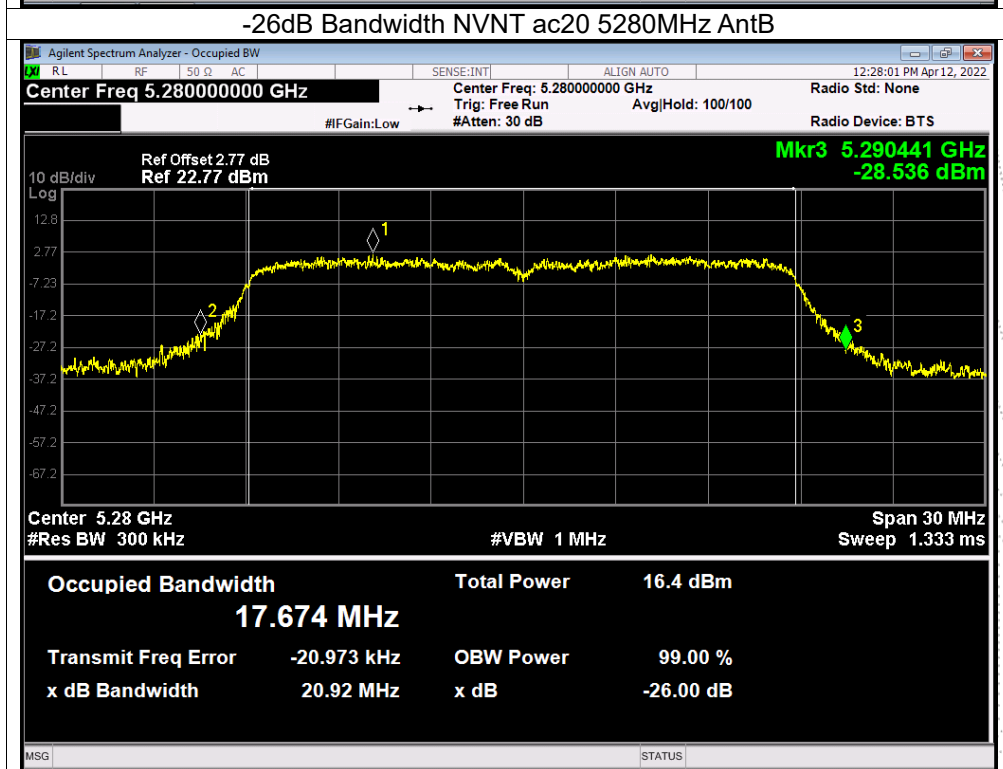
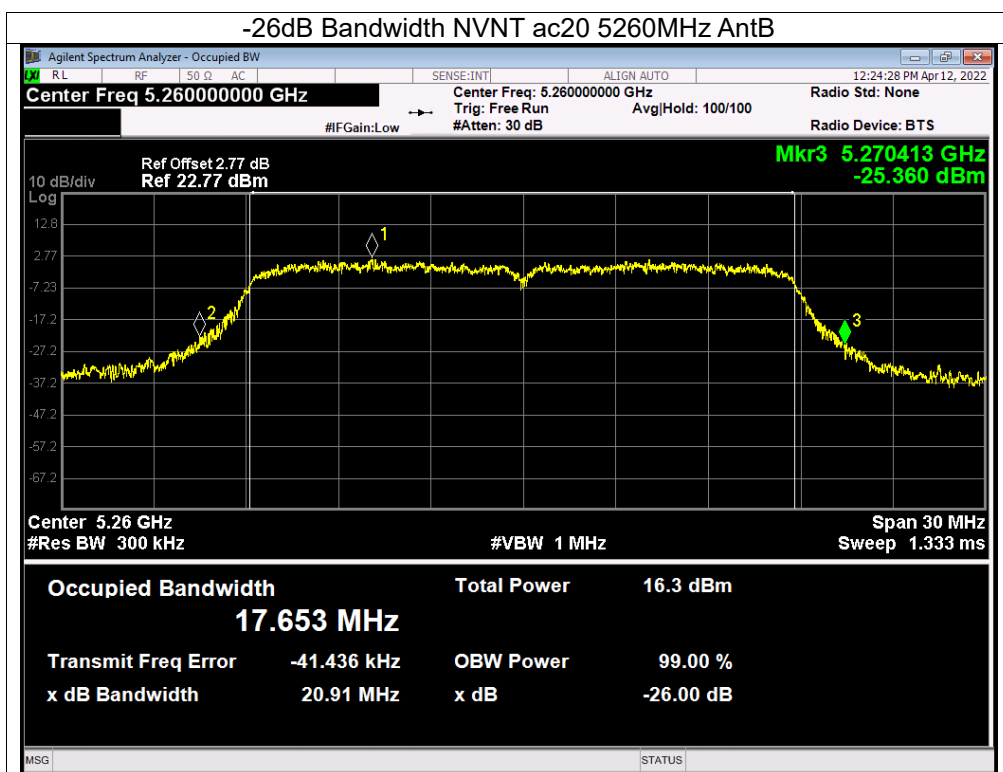
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B , only shown Antenna B Plot.

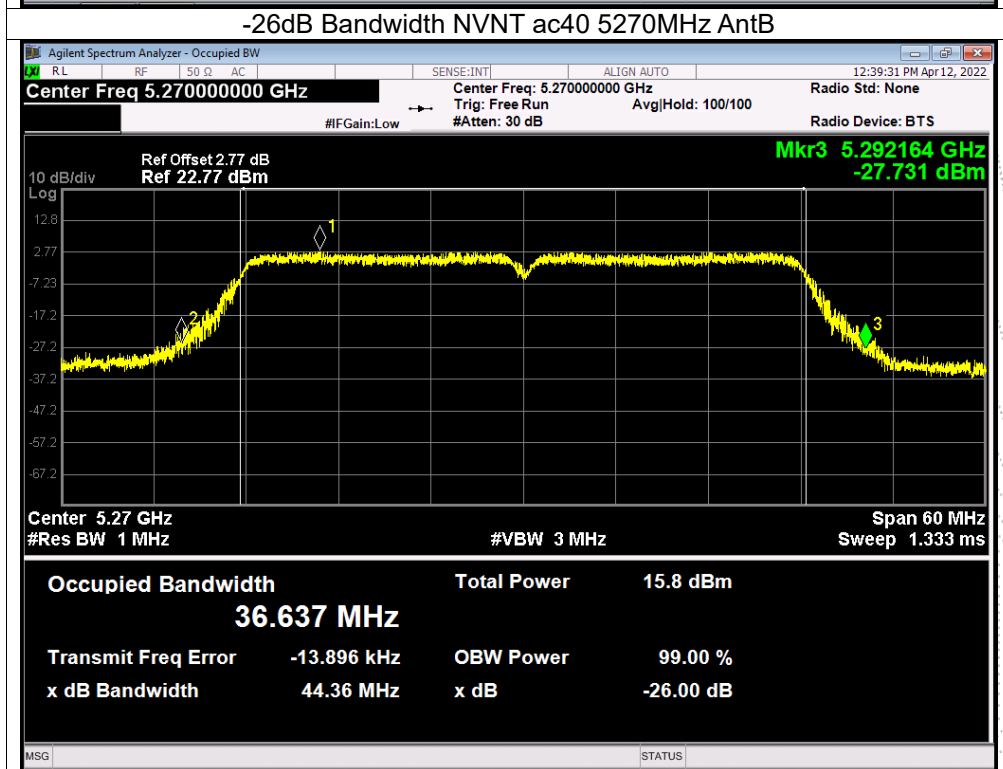
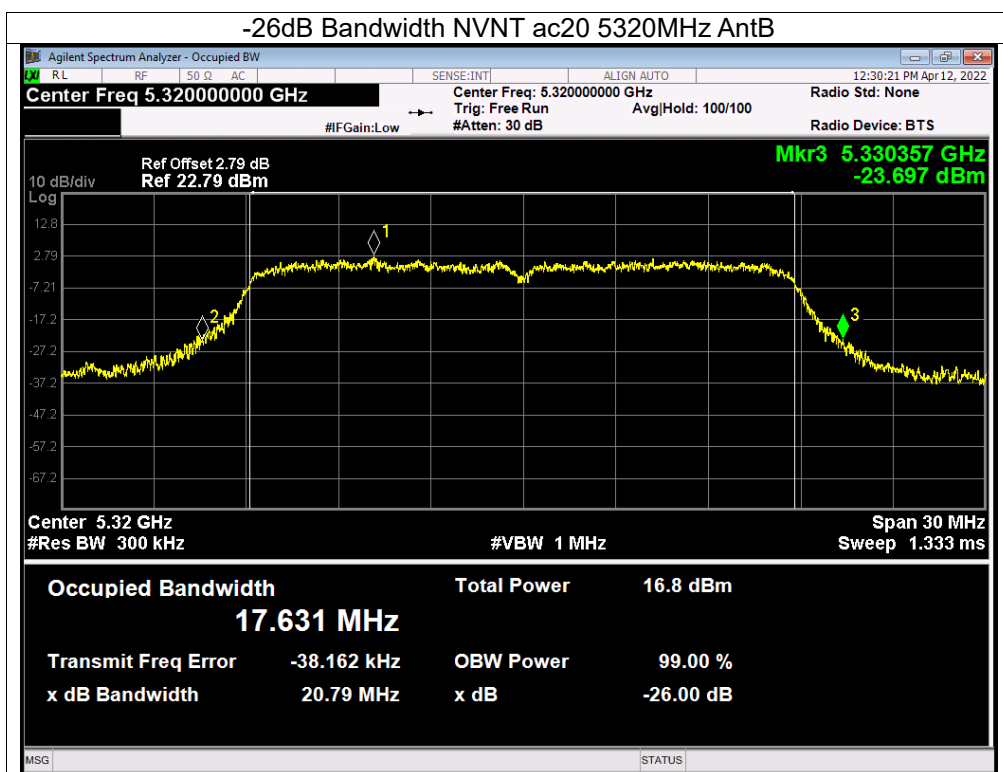


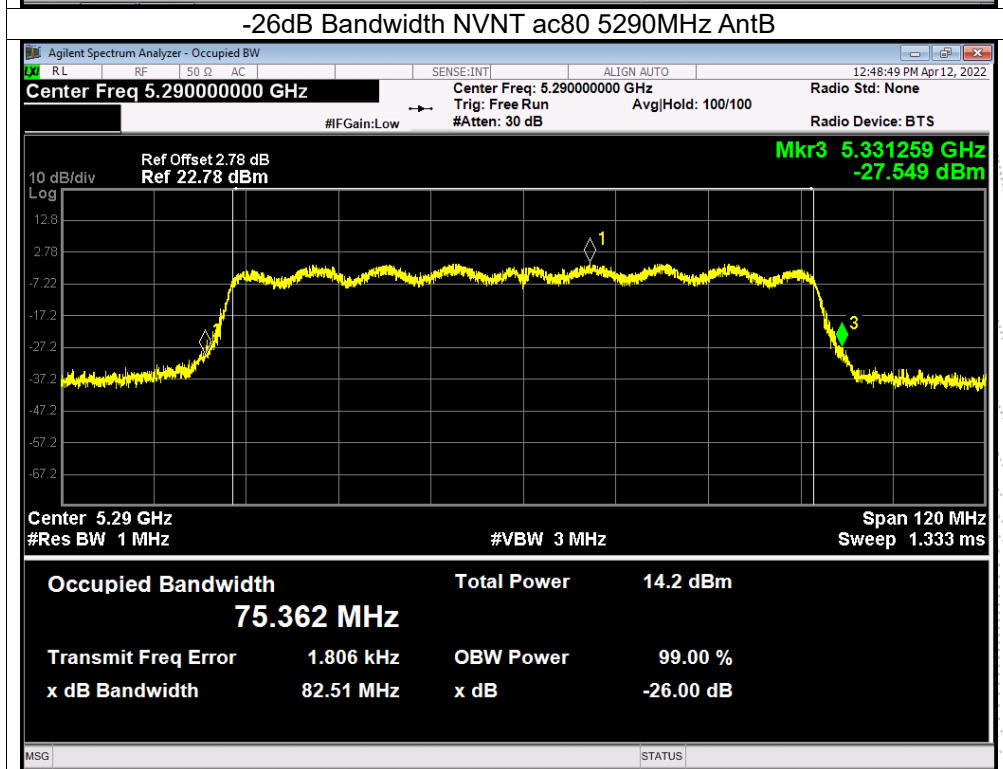
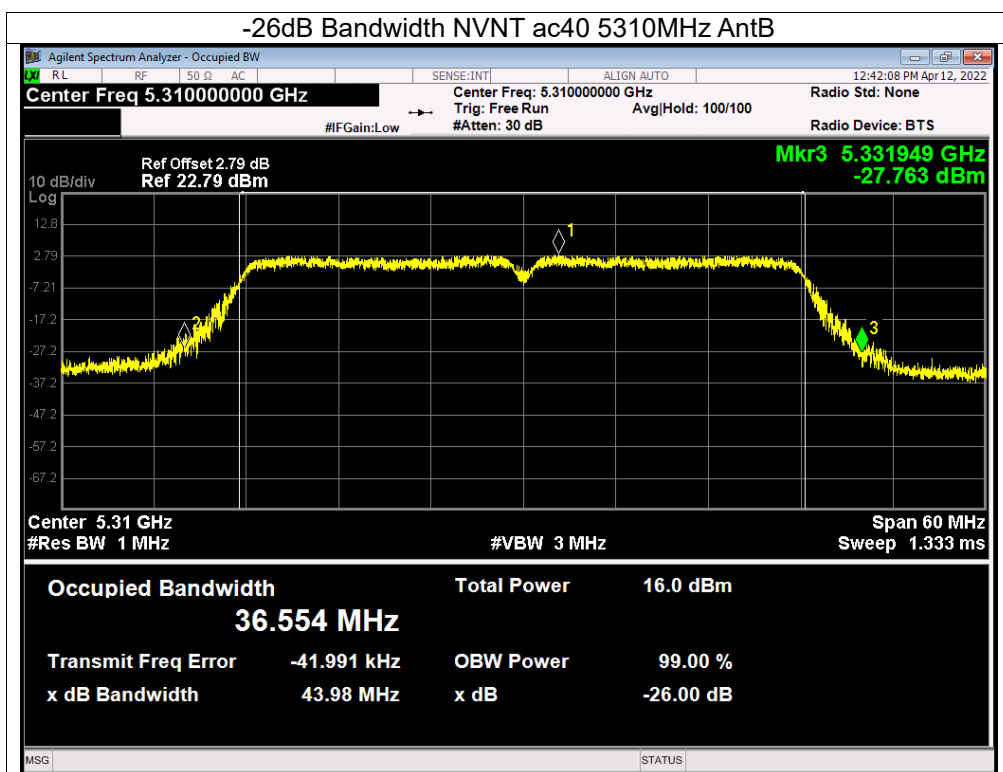


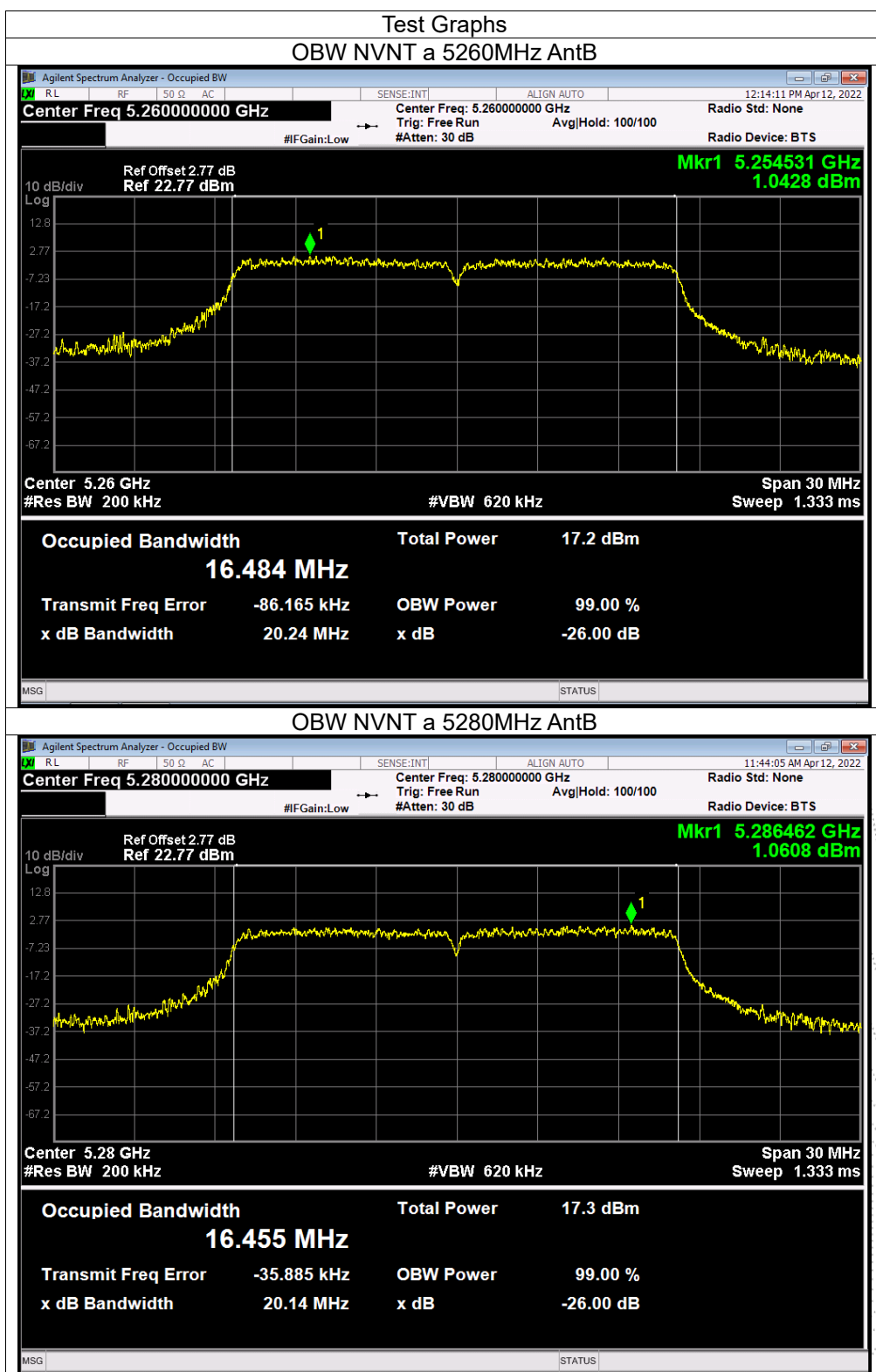


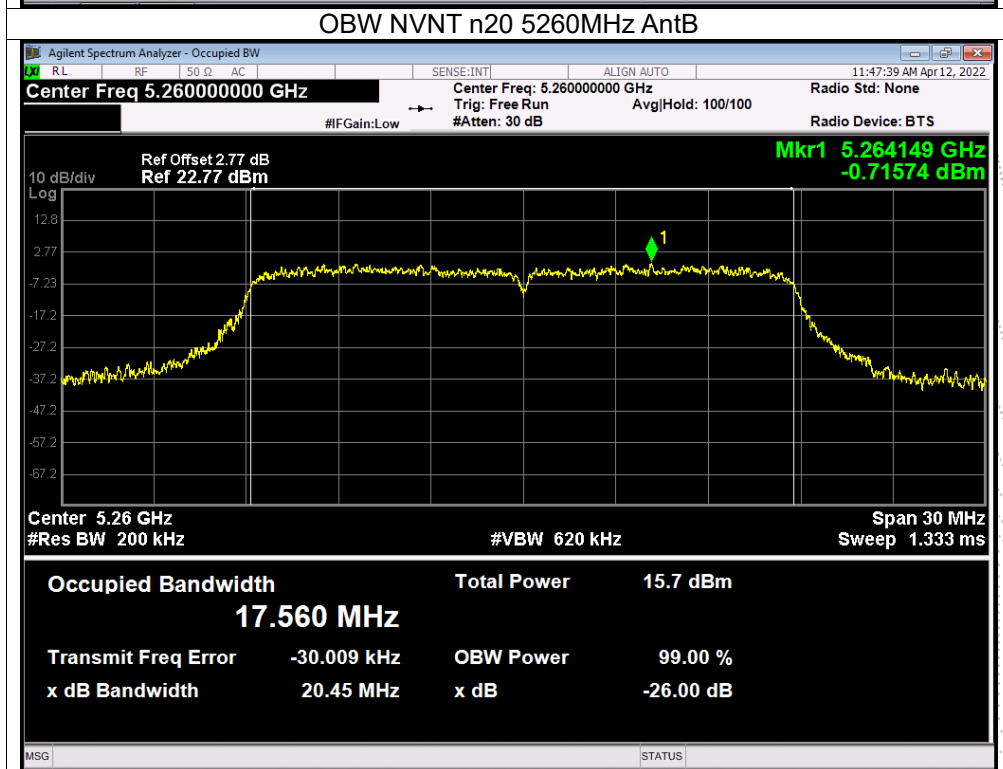
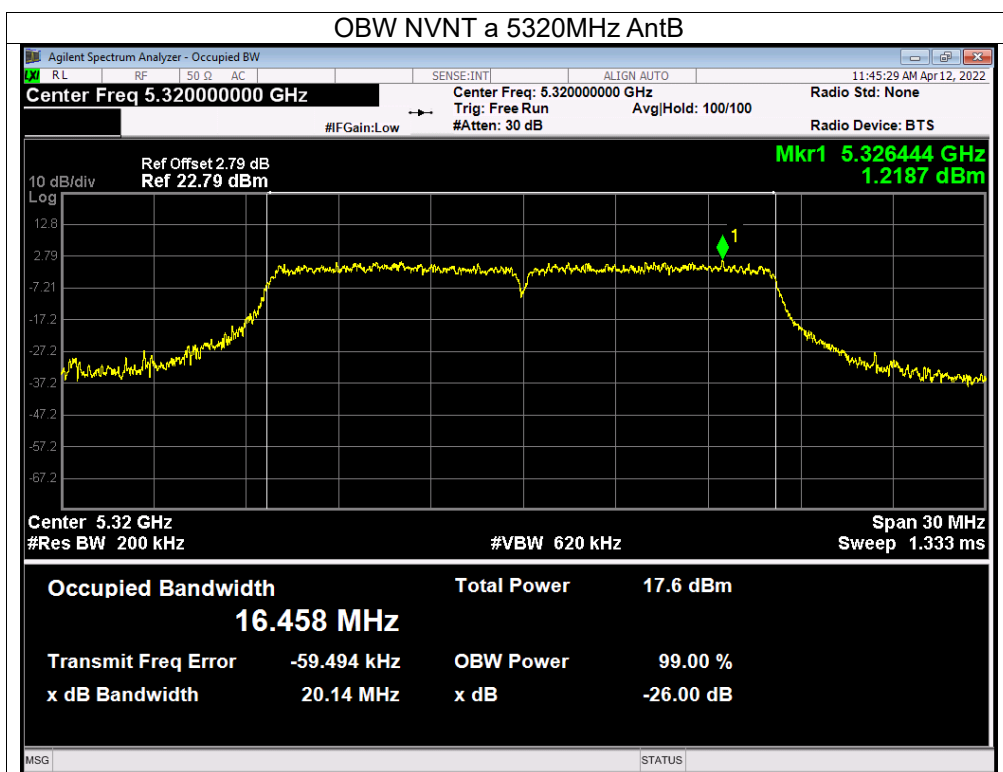


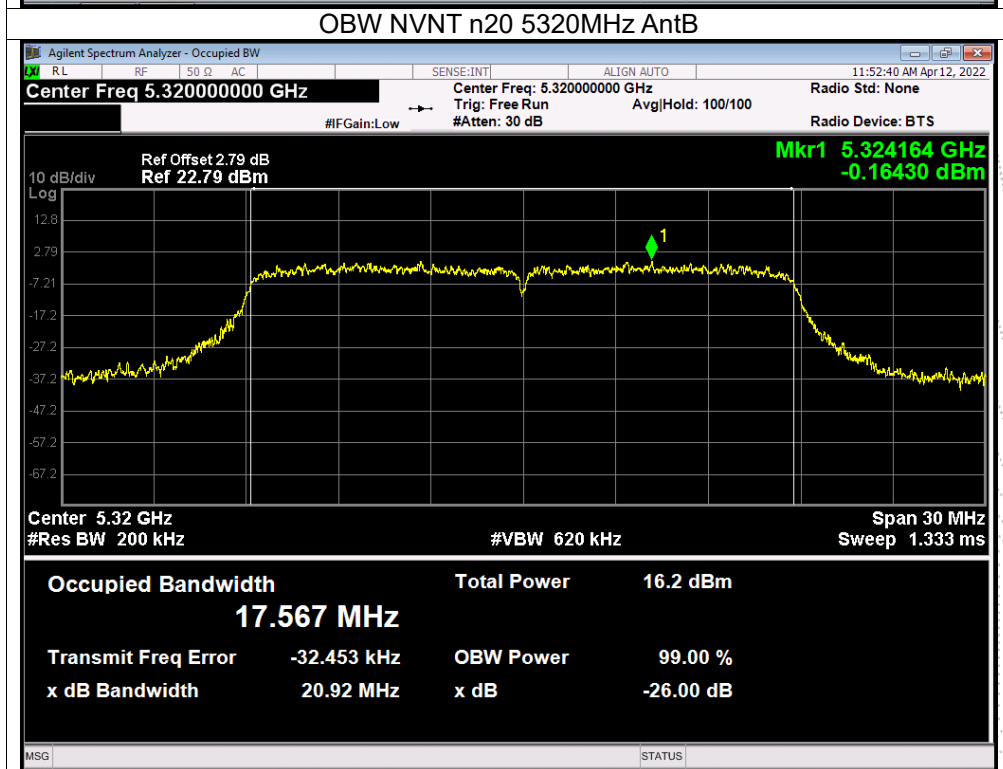
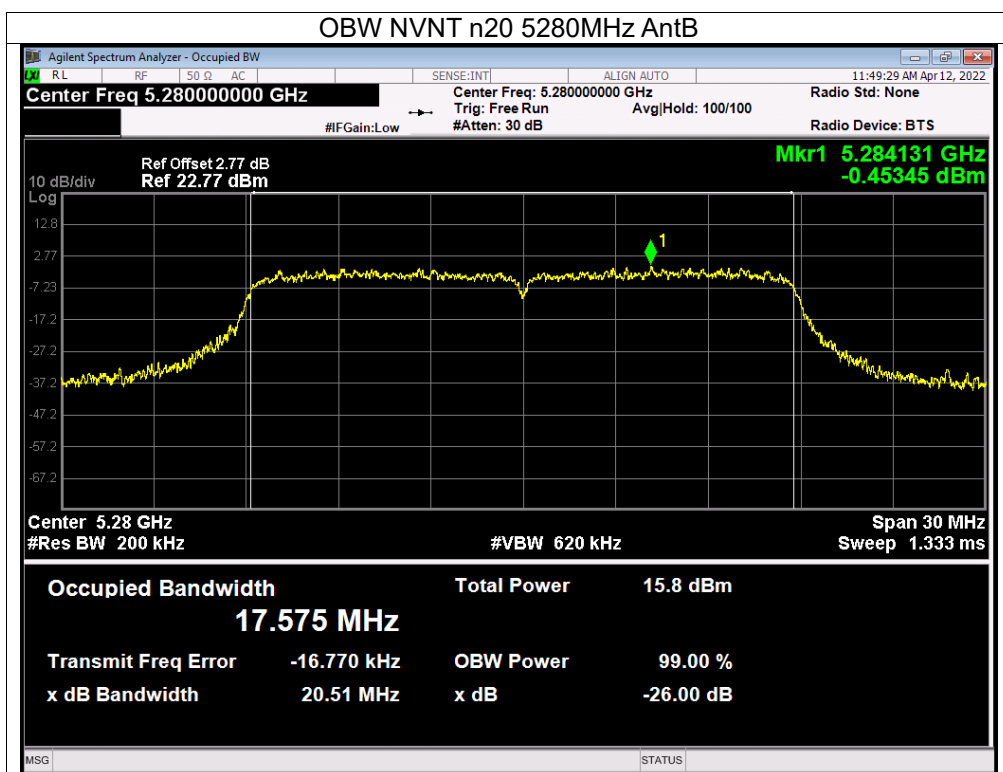


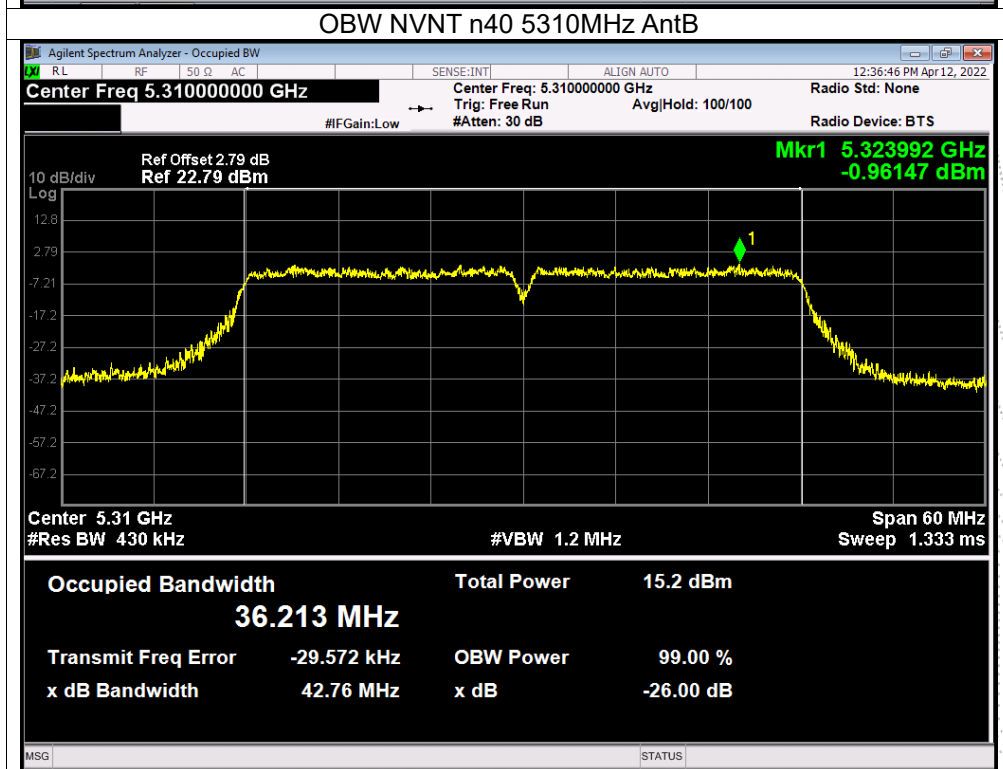
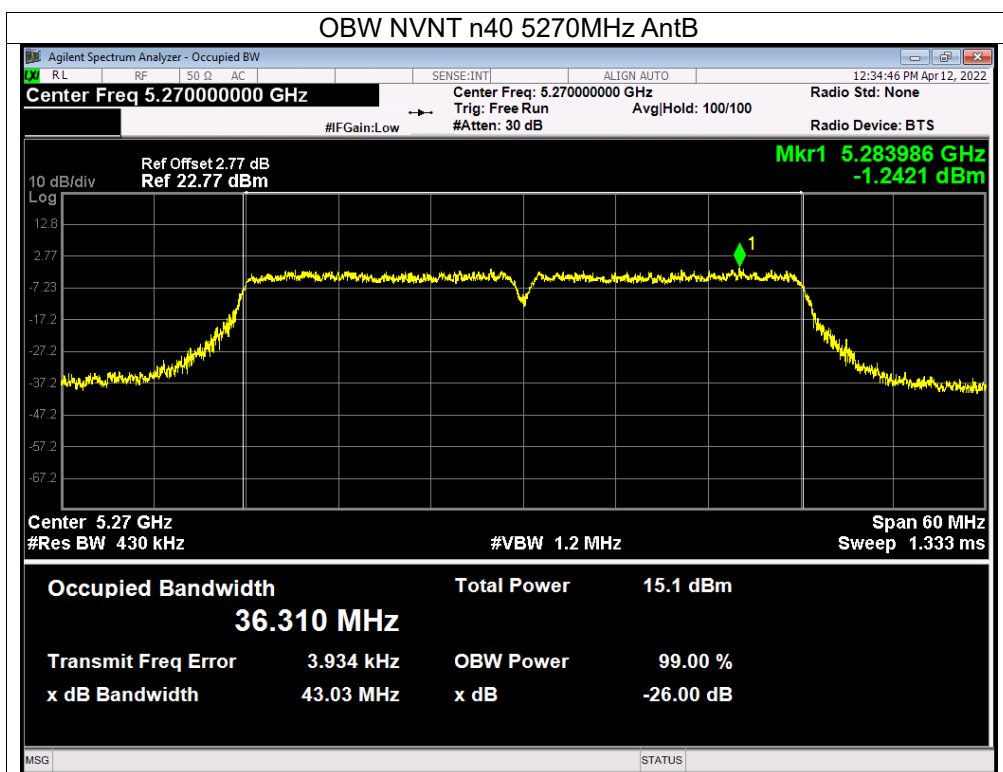


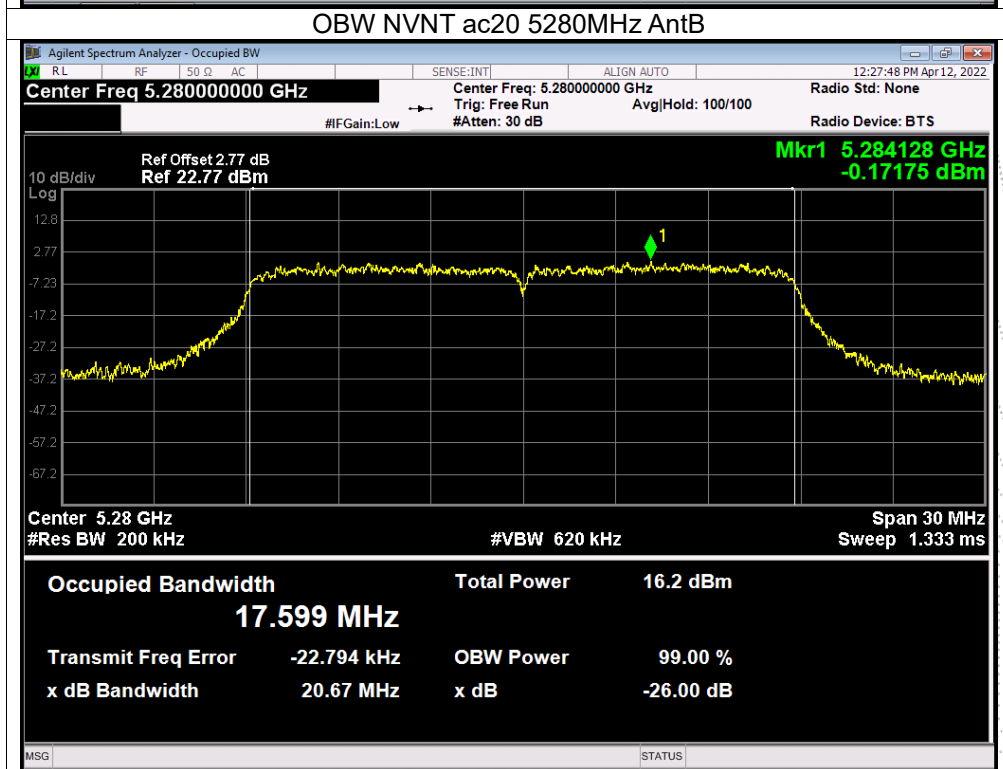
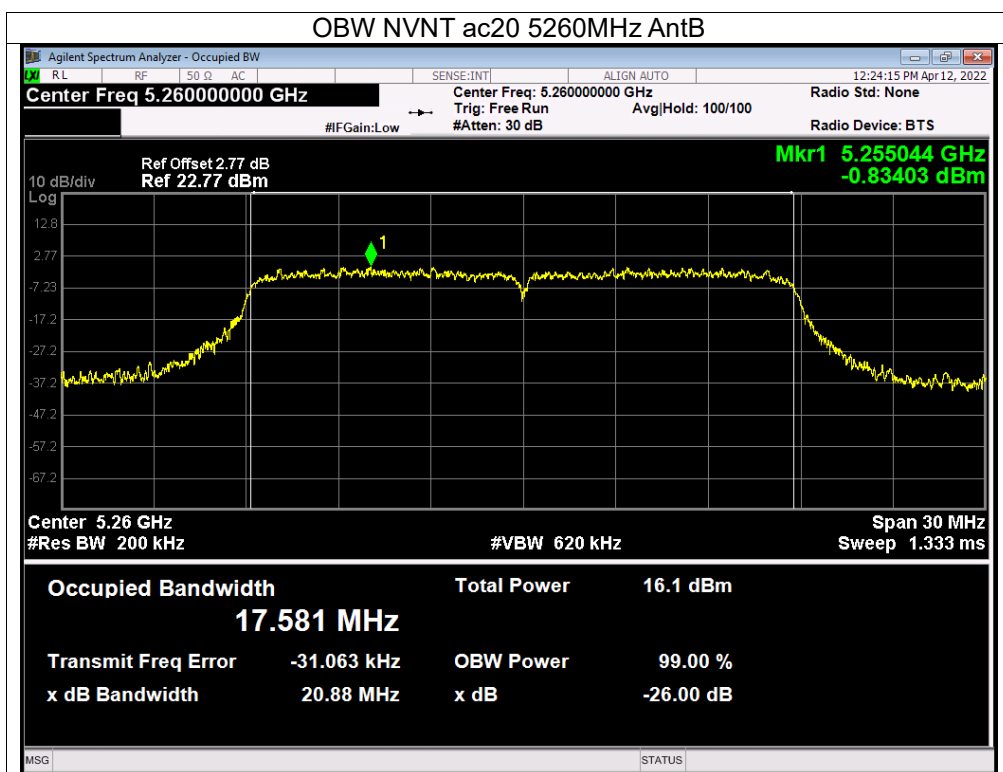


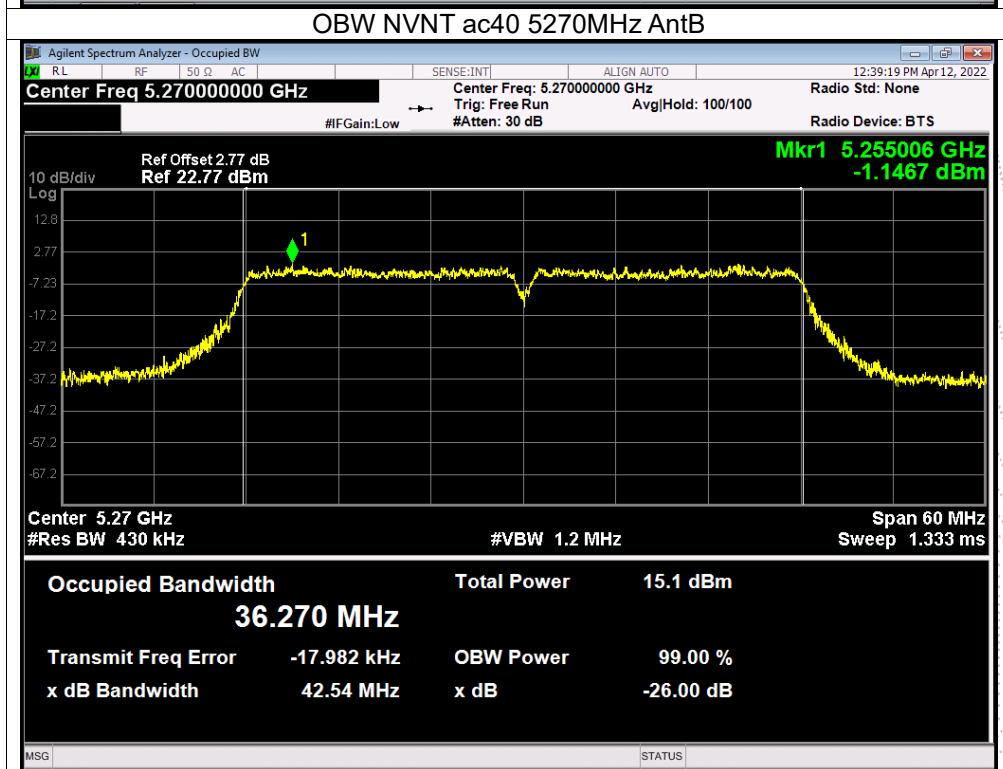
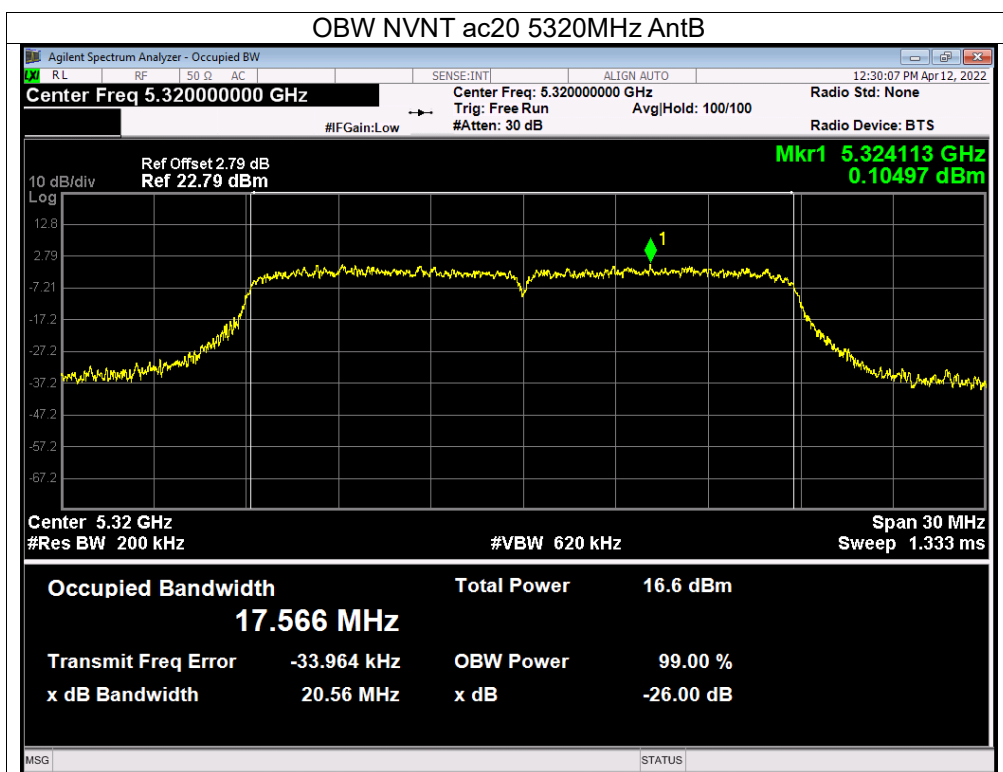


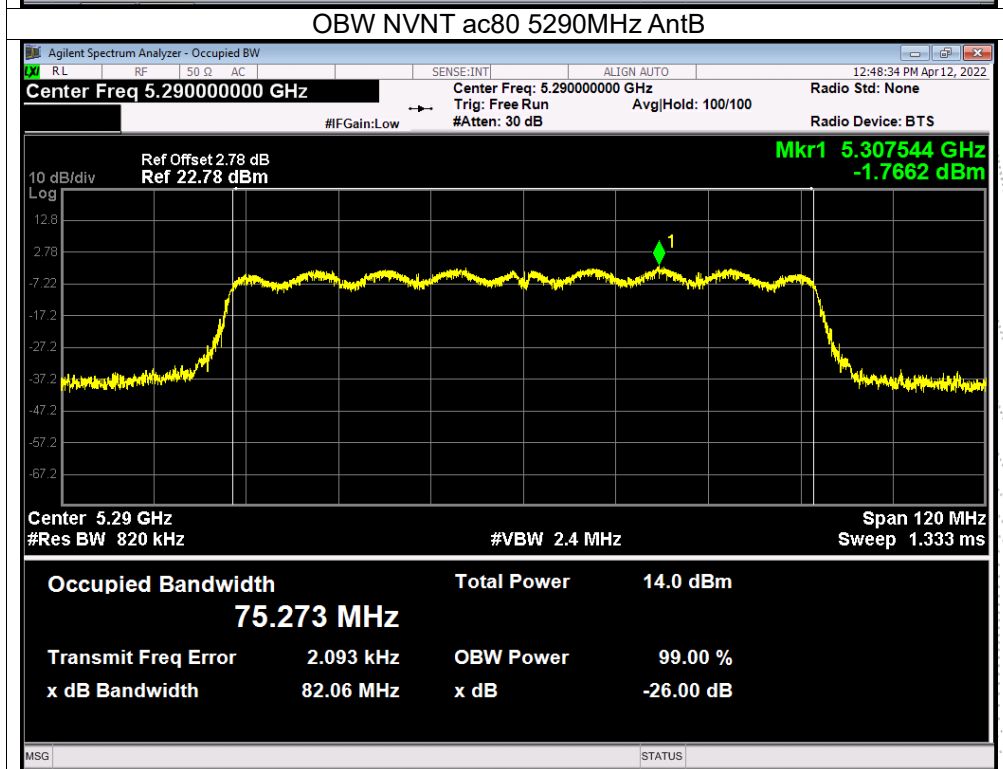
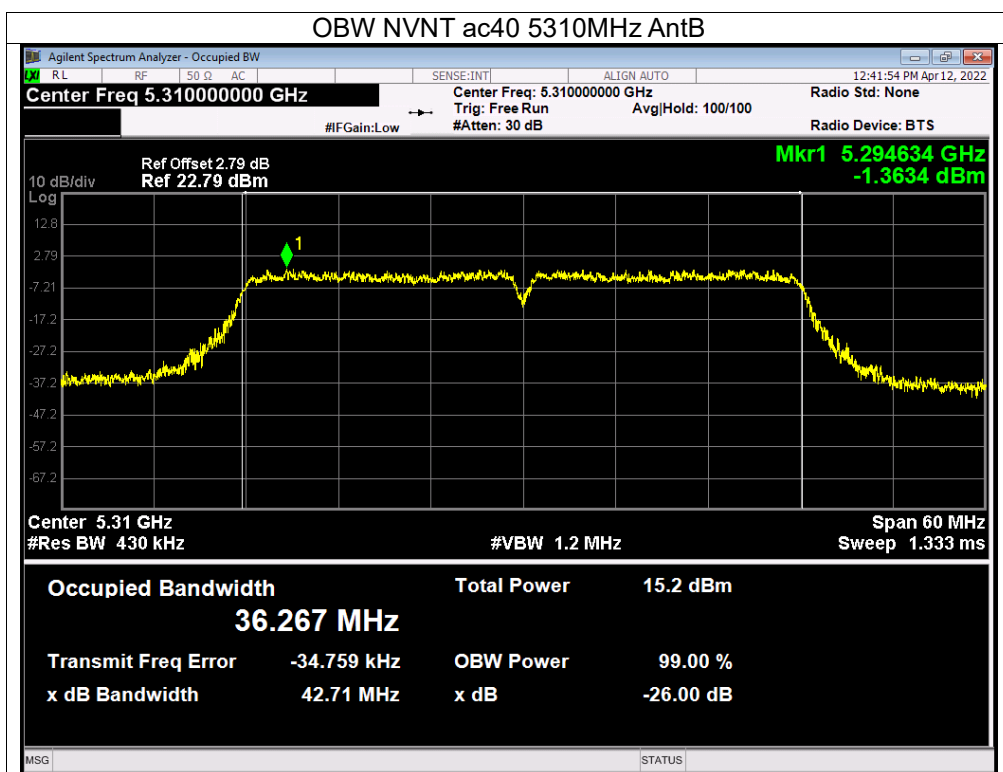












Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	(5500-5700MHz)		

Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)		Verdict
			Ant A	Ant B	
NVNT	a	5500	20.326	20.286	Pass
NVNT	a	5600	20.278	20.144	Pass
NVNT	a	5700	19.981	20.129	Pass
NVNT	n20	5500	20.858	21.167	Pass
NVNT	n20	5600	20.959	20.952	Pass
NVNT	n20	5700	20.88	20.846	Pass
NVNT	n40	5510	41.537	43.937	Pass
NVNT	n40	5590	41.152	43.970	Pass
NVNT	n40	5670	41.034	43.942	Pass
NVNT	ac20	5500	20.922	20.785	Pass
NVNT	ac20	5600	20.989	20.867	Pass
NVNT	ac20	5700	20.859	20.620	Pass
NVNT	ac40	5510	41.527	43.902	Pass
NVNT	ac40	5590	41.427	43.236	Pass
NVNT	ac40	5670	41.694	44.035	Pass
NVNT	ac80	5530	79.777	79.487	Pass
NVNT	ac80	5610	79.295	79.497	Pass

Condition	Mode	Frequency (MHz)	99% OBW (MHz)	
			Ant A	Ant B
NVNT	a	5500	16.471	16.477
NVNT	a	5600	16.440	16.463
NVNT	a	5700	16.443	16.418
NVNT	n20	5500	17.565	17.577
NVNT	n20	5600	17.557	17.572
NVNT	n20	5700	17.567	17.555
NVNT	n40	5510	36.240	36.239
NVNT	n40	5590	36.166	36.159
NVNT	n40	5670	36.181	36.192
NVNT	ac20	5500	17.580	17.585
NVNT	ac20	5600	17.576	17.572
NVNT	ac20	5700	17.551	17.574
NVNT	ac40	5510	36.242	36.163
NVNT	ac40	5590	36.194	36.183
NVNT	ac40	5670	36.205	36.202
NVNT	ac80	5530	75.308	75.210
NVNT	ac80	5610	75.141	75.189

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



