

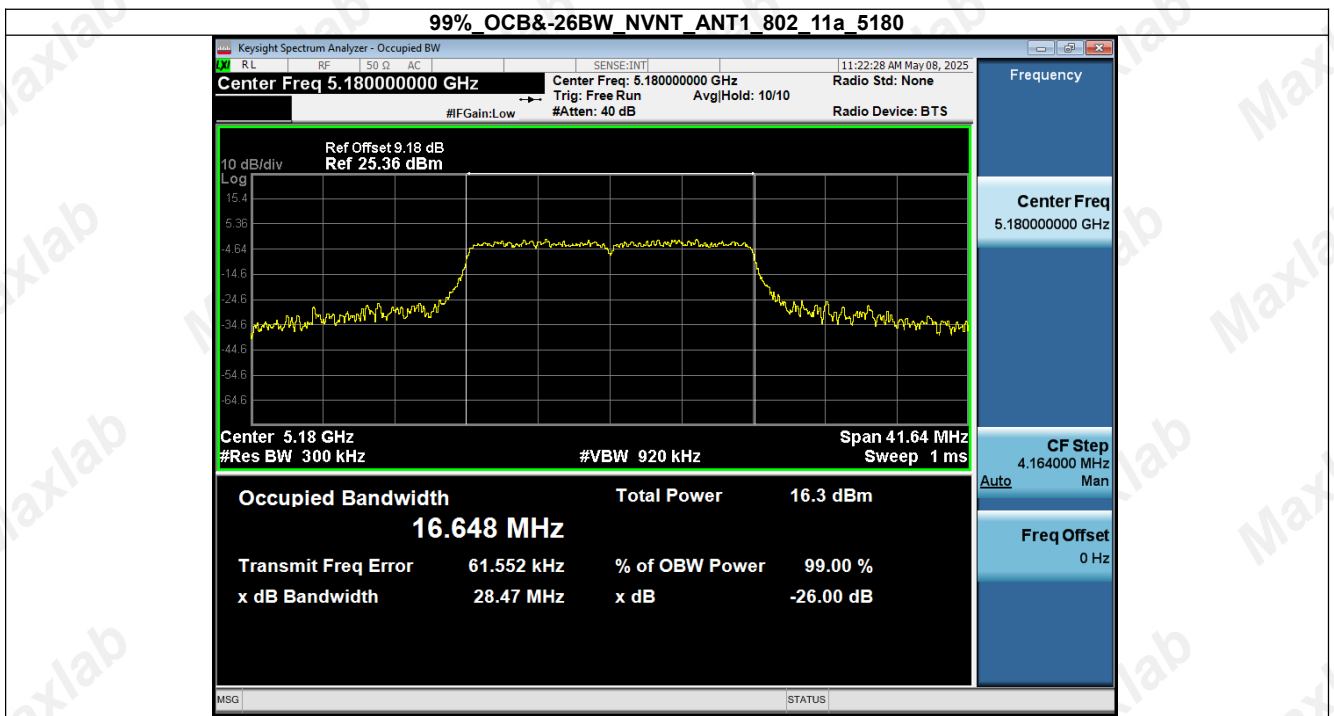
Report No.:MAX250410110P03-R03
FCC ID:2BDTM-S01T
FCC_5.2G_WIFI (Part15.407) Test Data

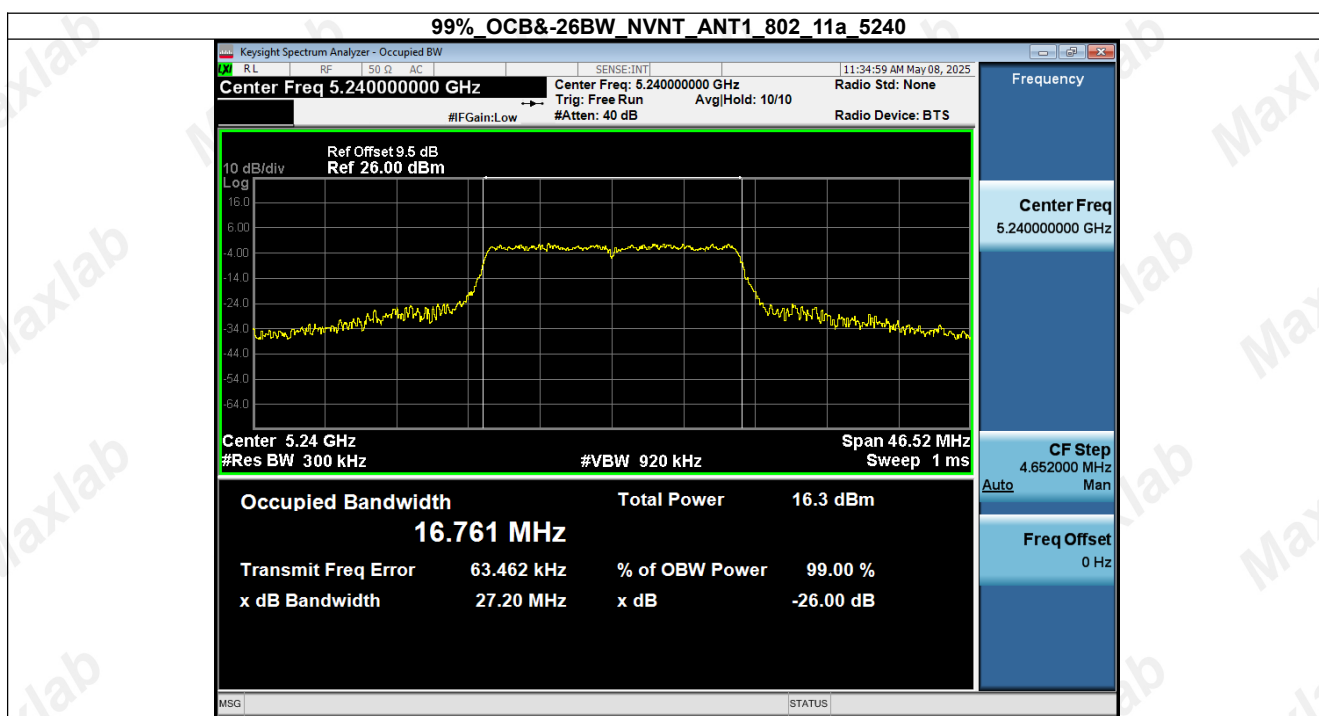
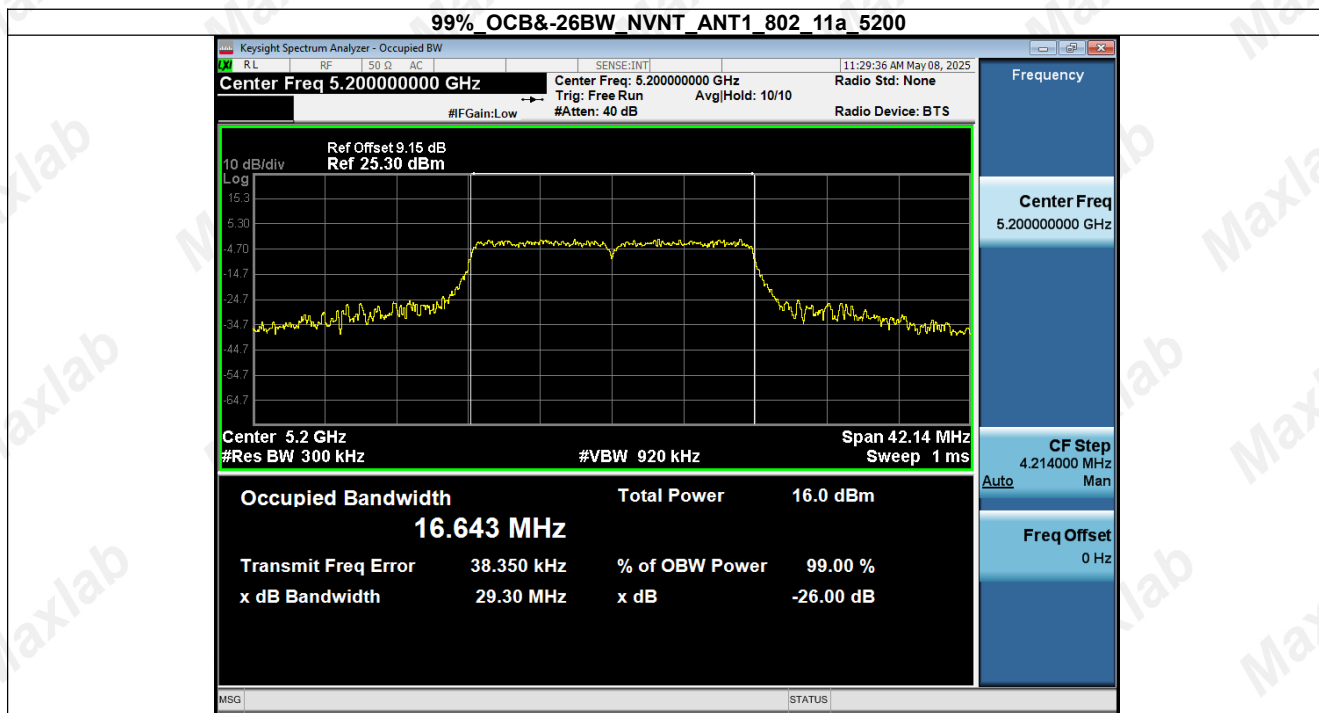
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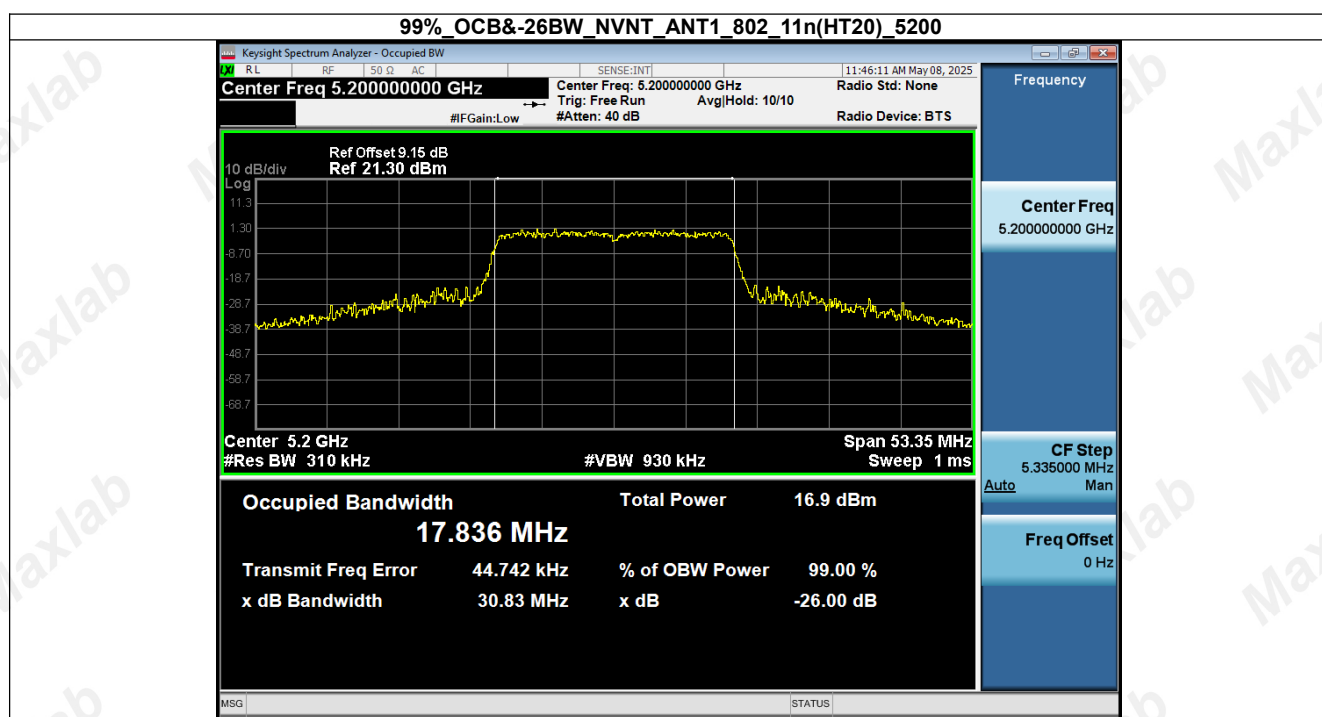
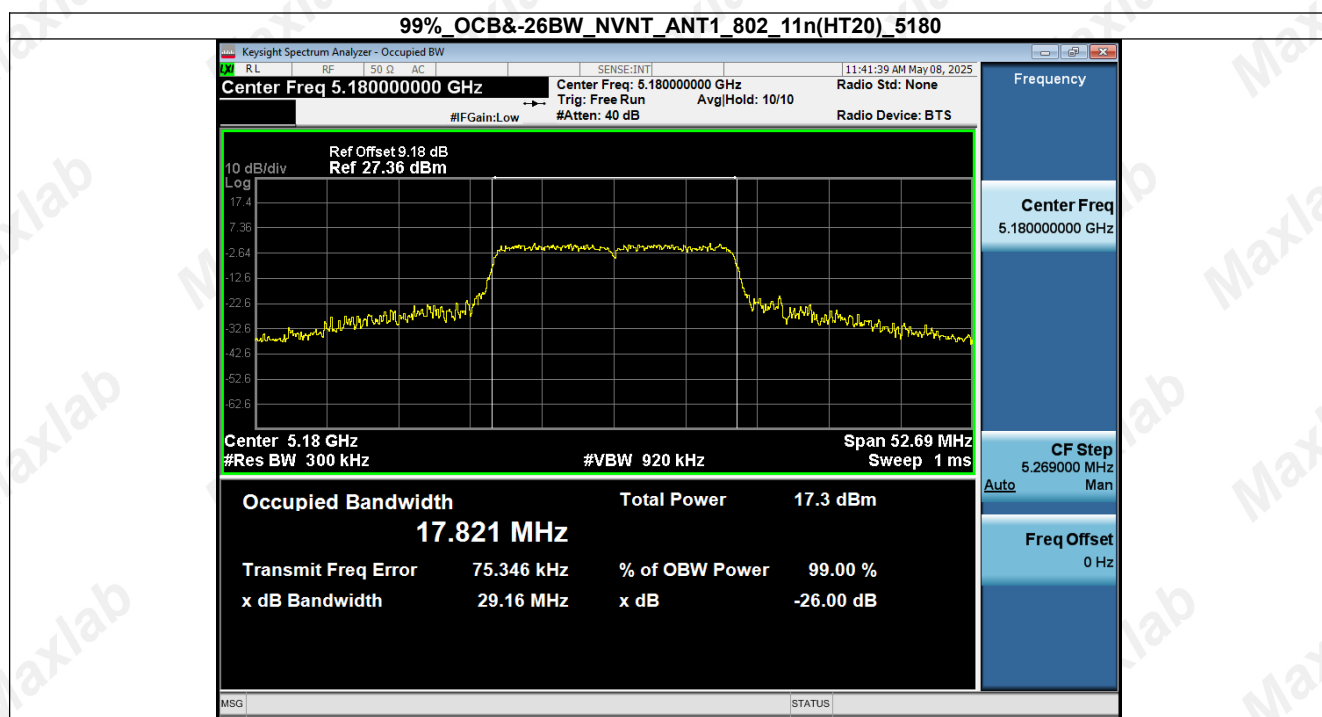
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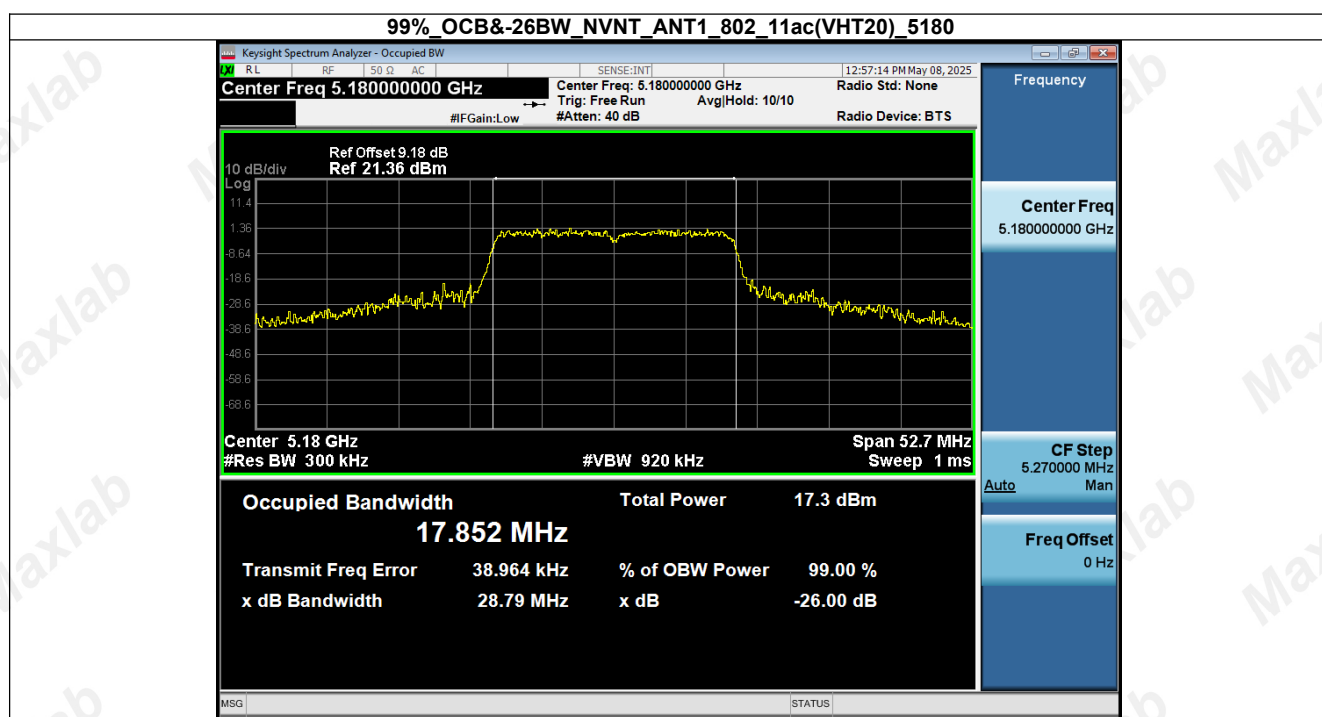
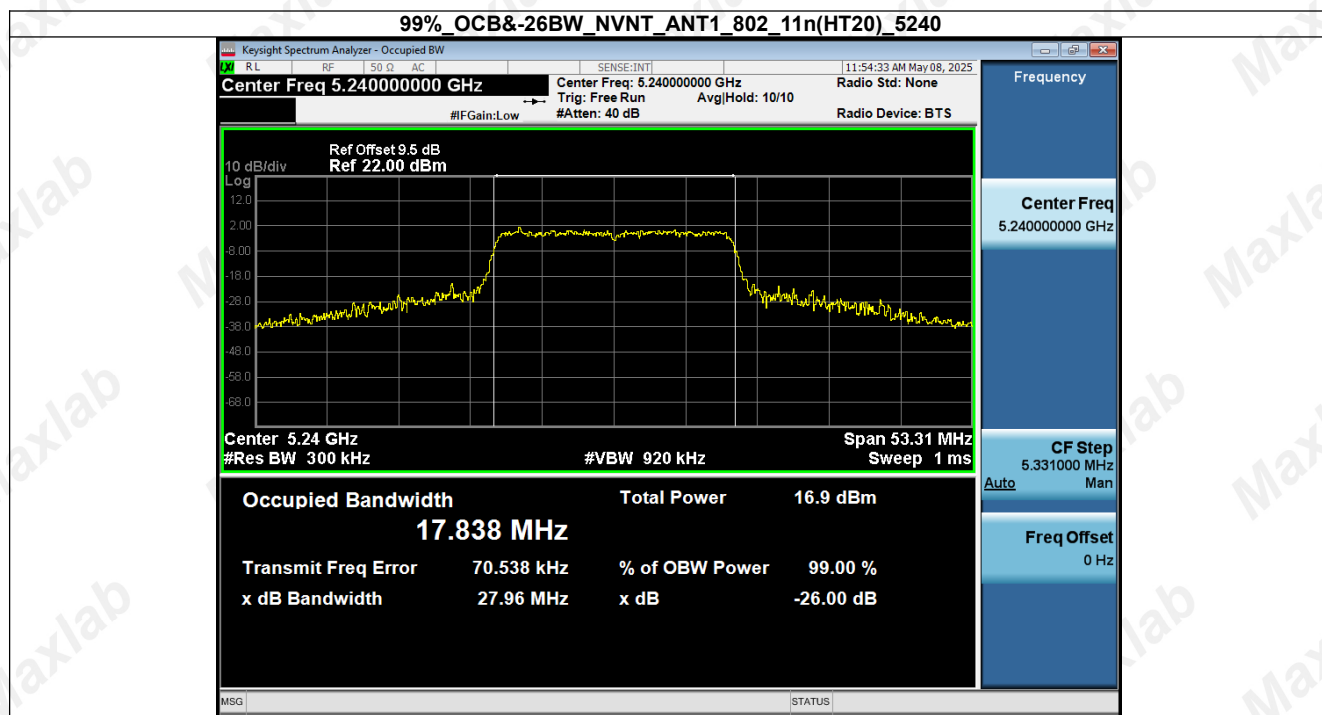
1. -26dB and 99% Emission Bandwidth

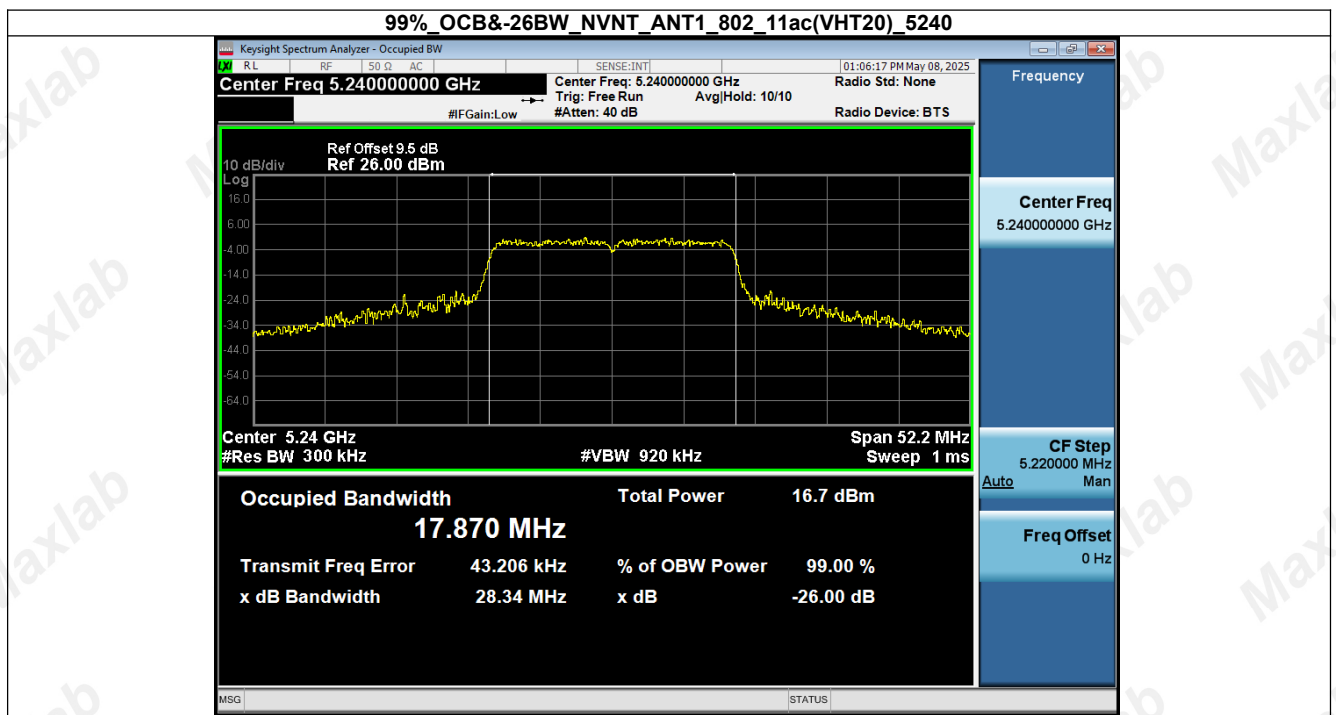
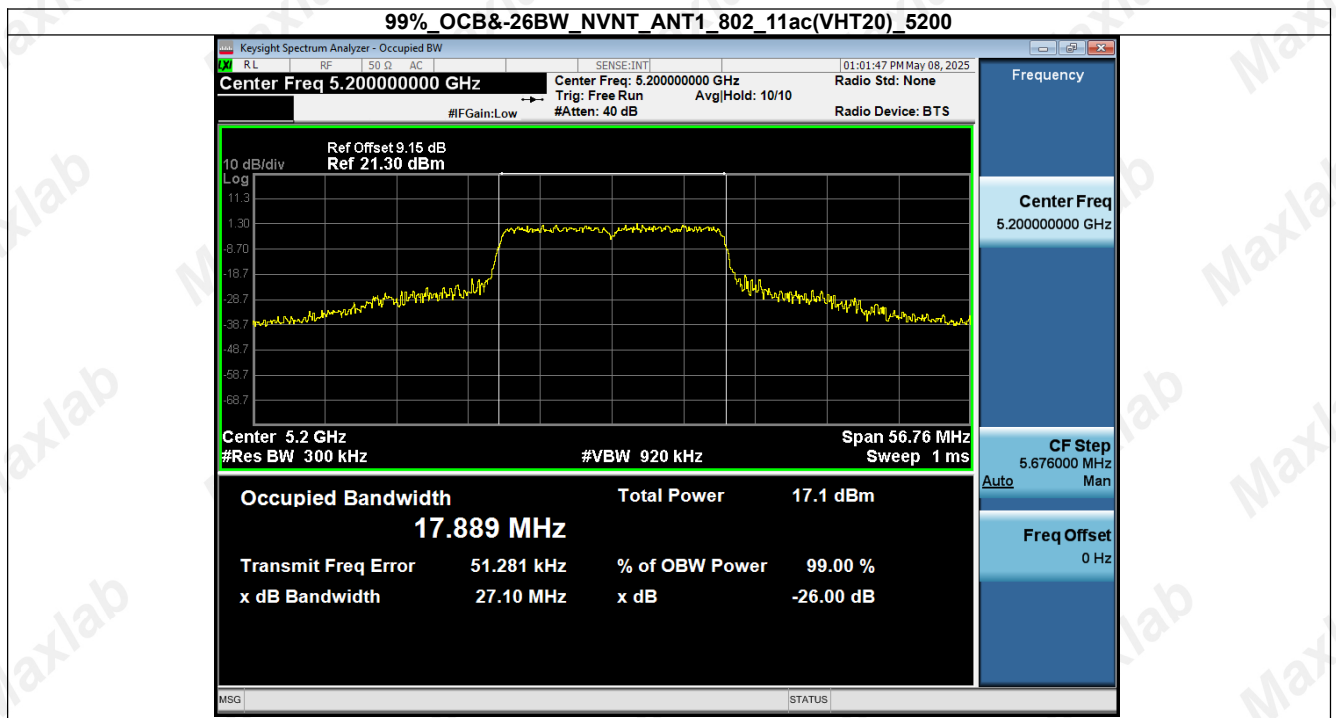
Condition	Antenna	Modulation	Frequency(MHz)	26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	28.47	16.648
NVNT	ANT1	802.11a	5200.00	29.30	16.643
NVNT	ANT1	802.11a	5240.00	27.20	16.761
NVNT	ANT1	802.11n(HT20)	5180.00	29.16	17.821
NVNT	ANT1	802.11n(HT20)	5200.00	30.83	17.836
NVNT	ANT1	802.11n(HT20)	5240.00	27.96	17.838
NVNT	ANT1	802.11ac(VHT20)	5180.00	28.79	17.852
NVNT	ANT1	802.11ac(VHT20)	5200.00	27.10	17.889
NVNT	ANT1	802.11ac(VHT20)	5240.00	28.34	17.870
NVNT	ANT1	802.11n(HT40)	5190.00	49.96	36.316
NVNT	ANT1	802.11n(HT40)	5230.00	50.82	36.406
NVNT	ANT1	802.11ac(VHT40)	5190.00	48.87	36.361
NVNT	ANT1	802.11ac(VHT40)	5230.00	45.07	36.371
NVNT	ANT1	802.11ac(VHT80)	5210.00	91.03	75.750

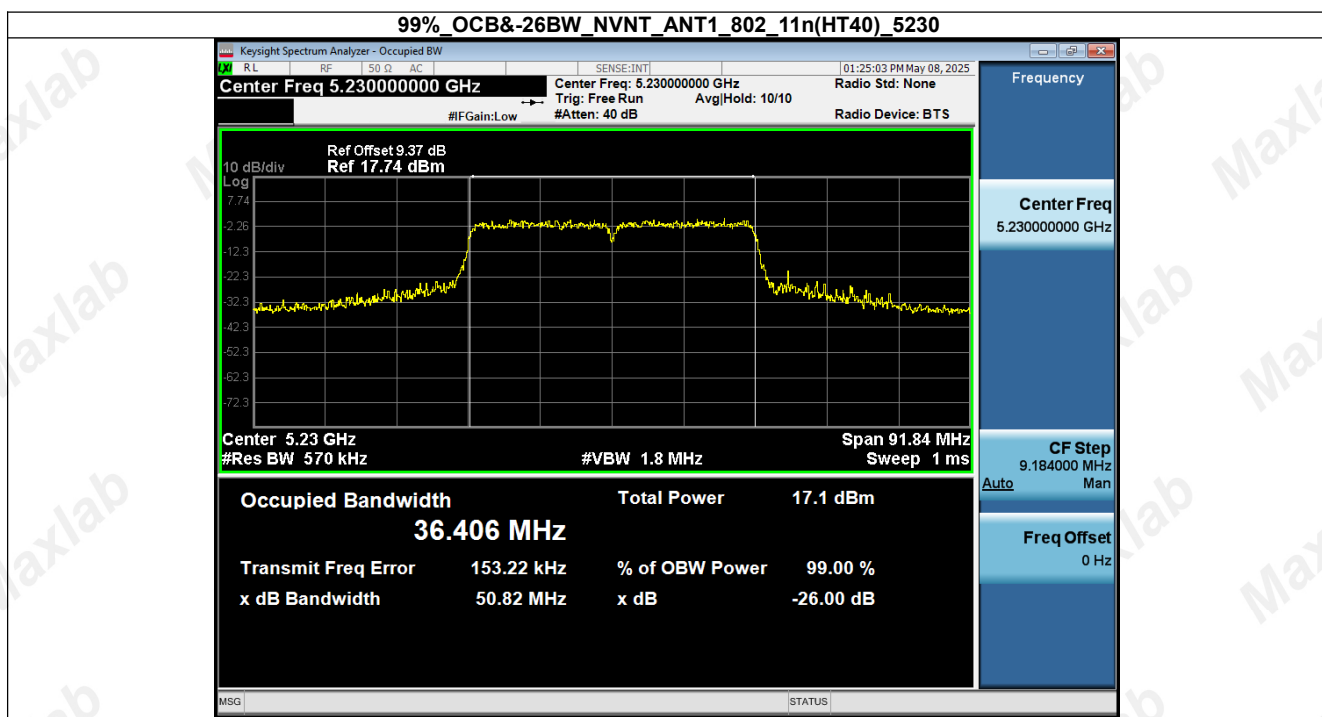
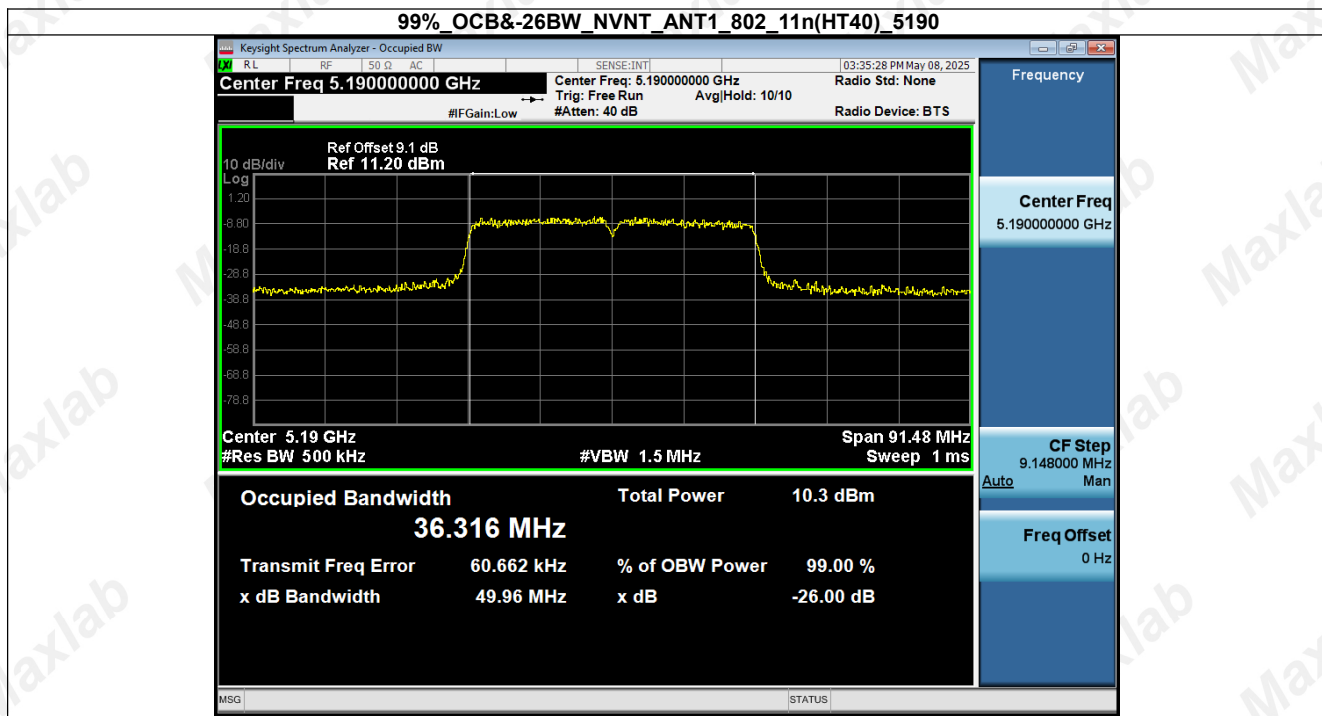


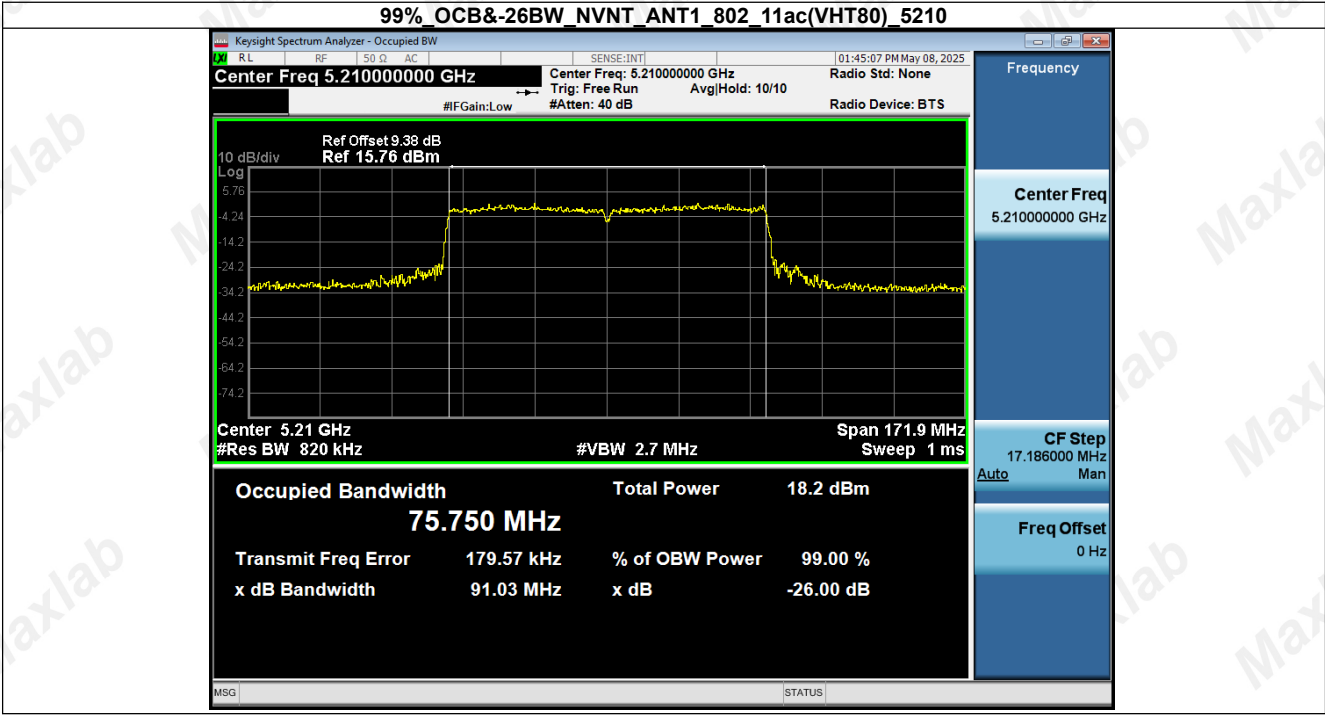






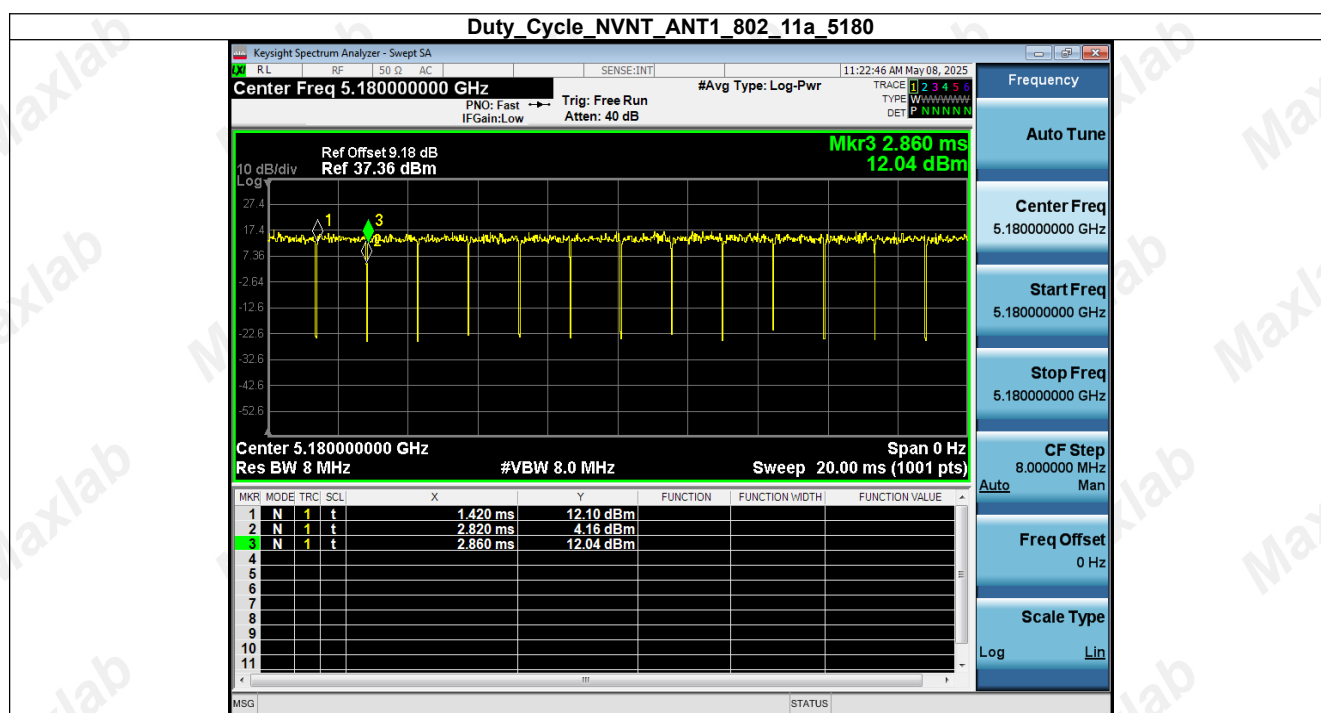


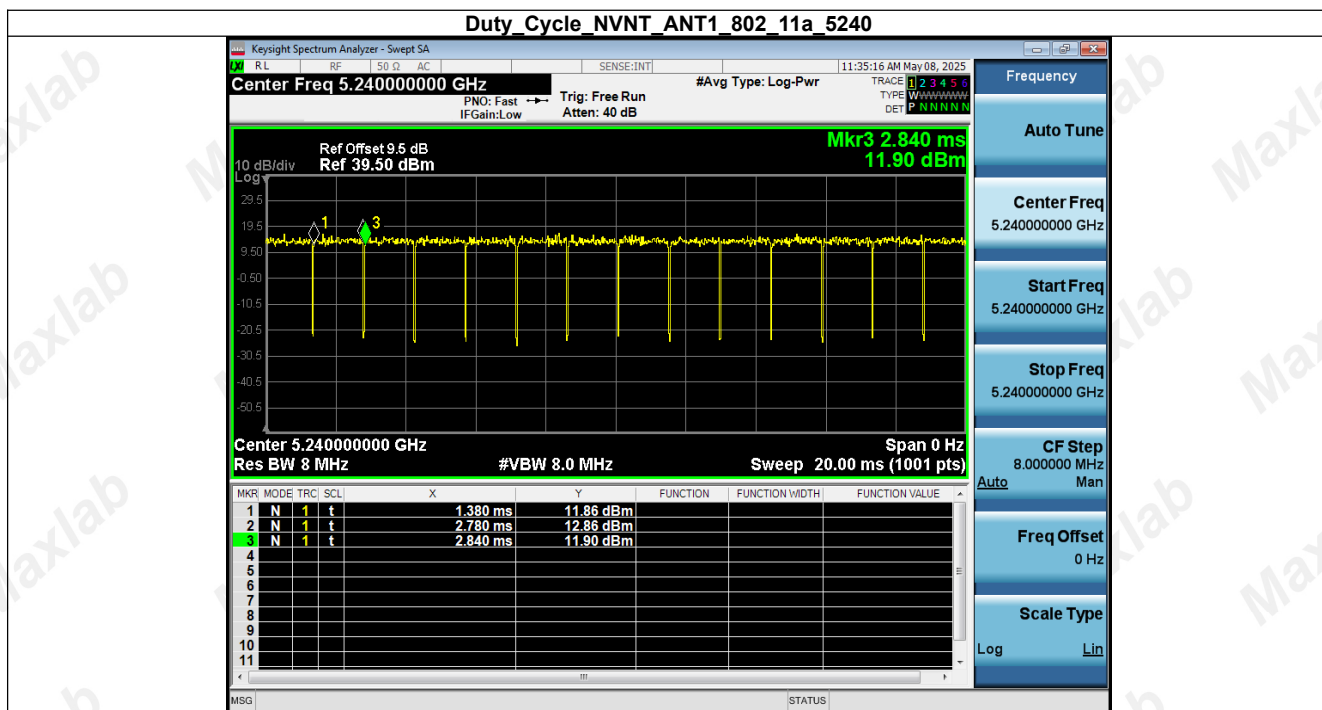
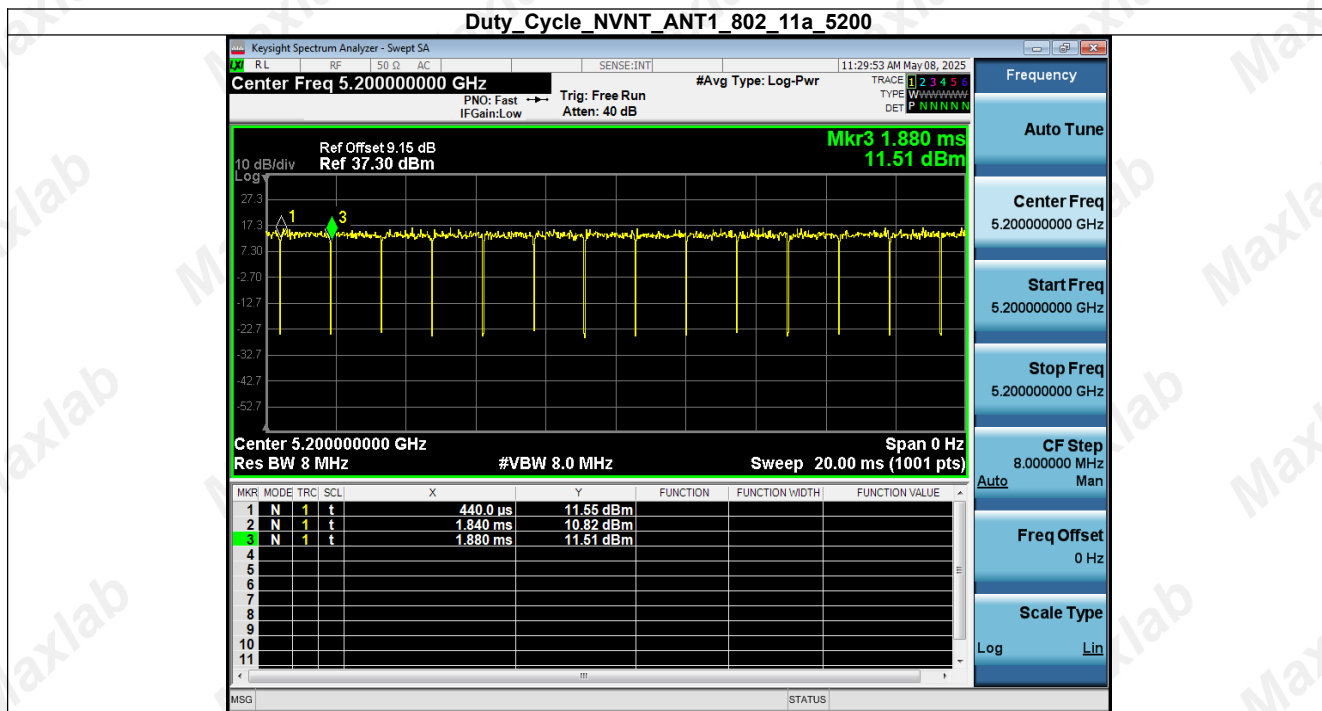


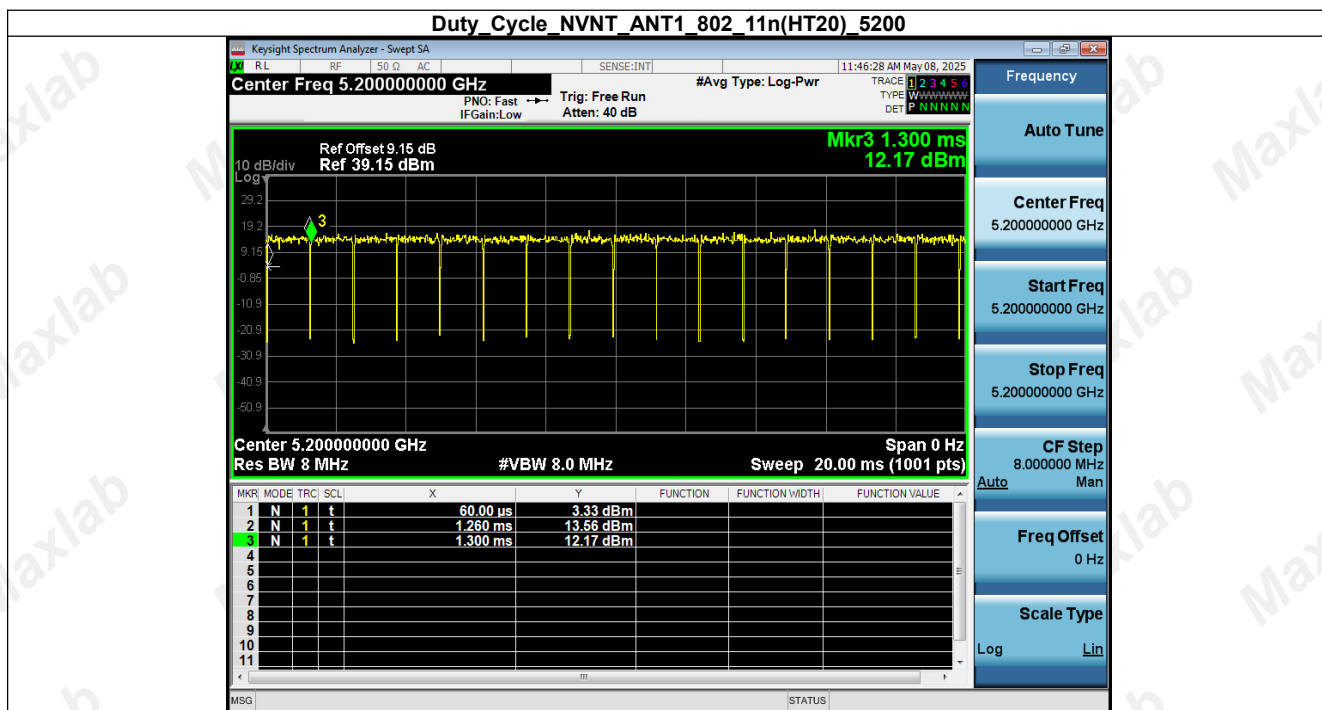
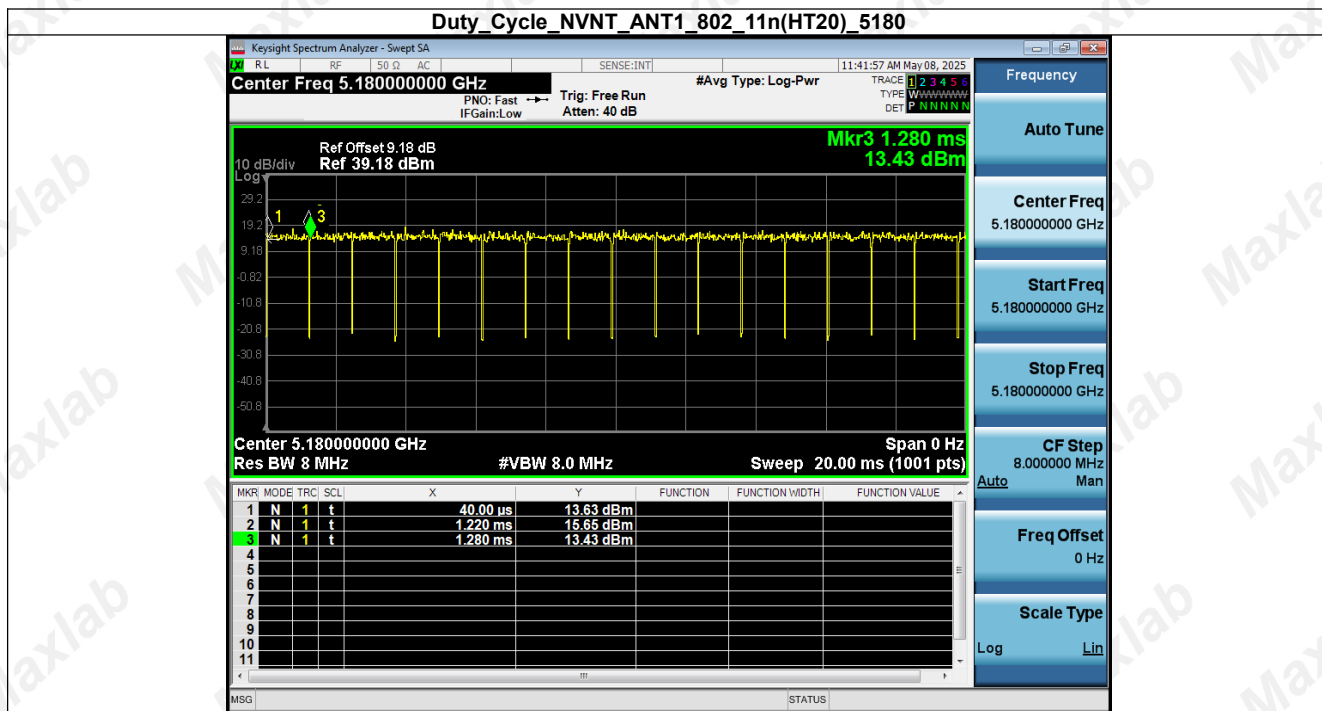


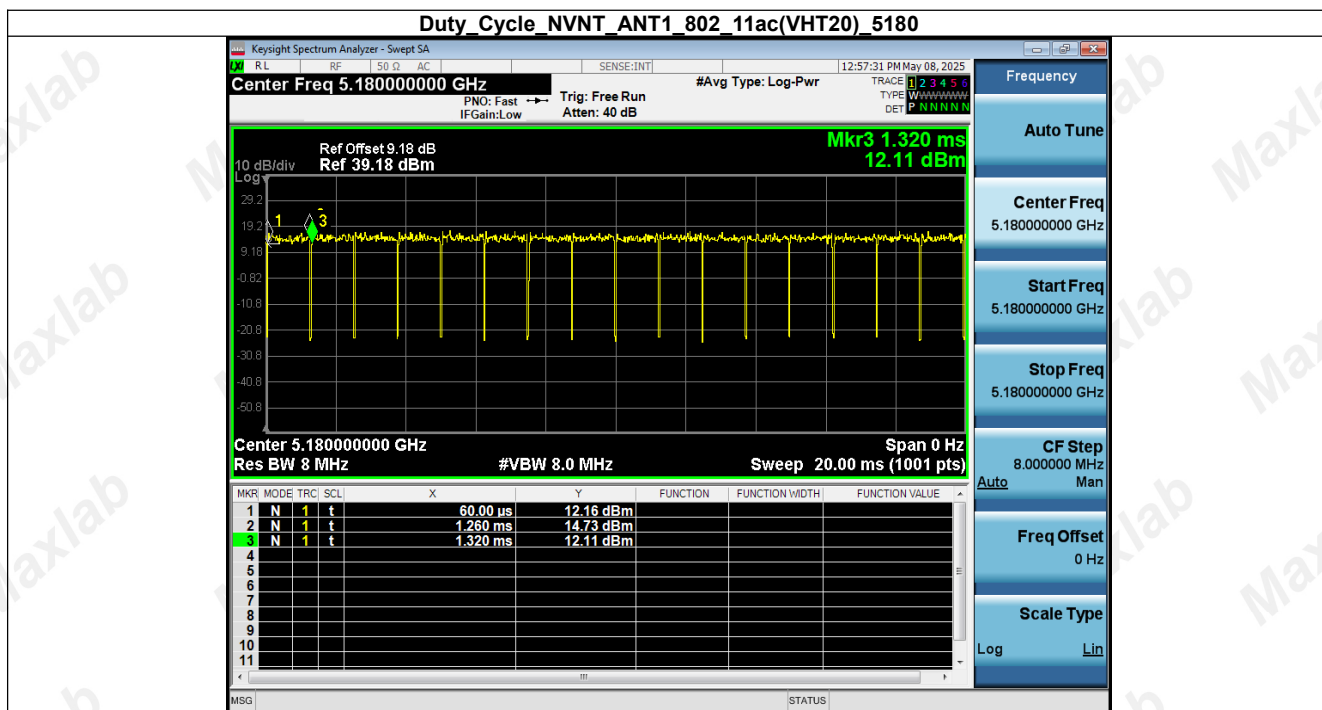
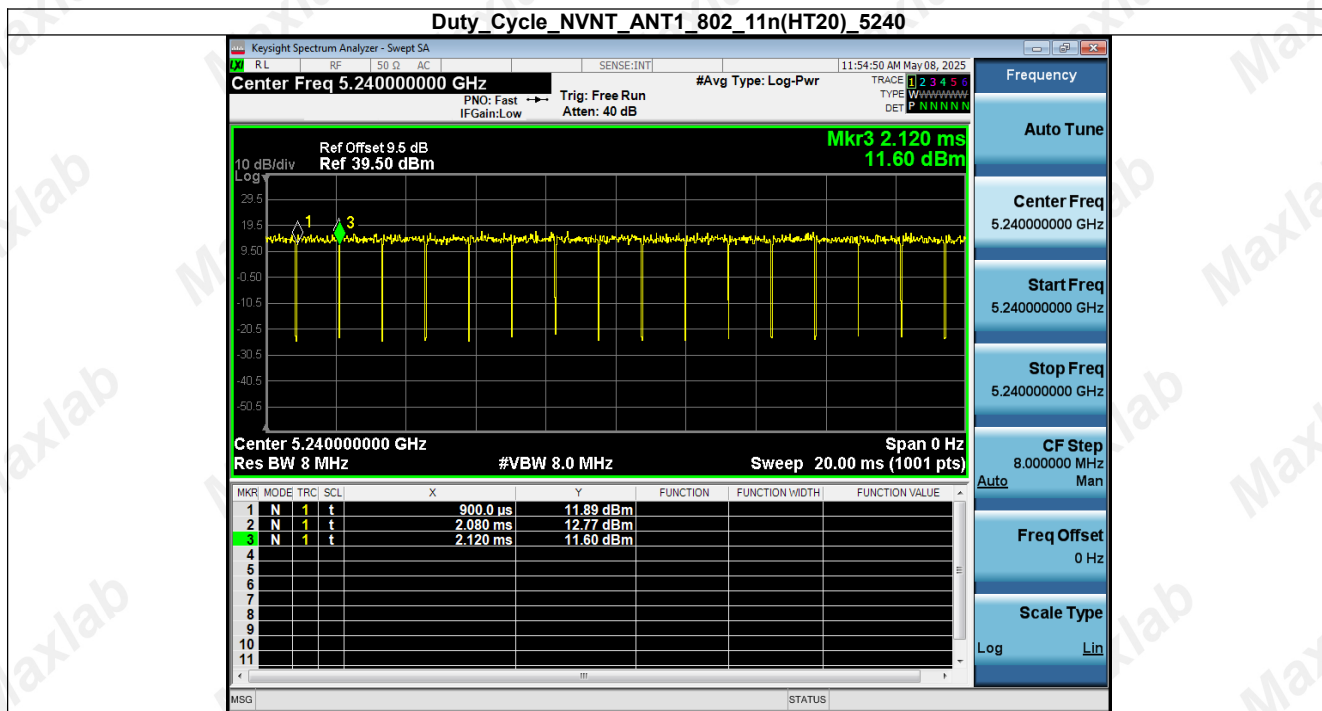
2. Duty Cycle

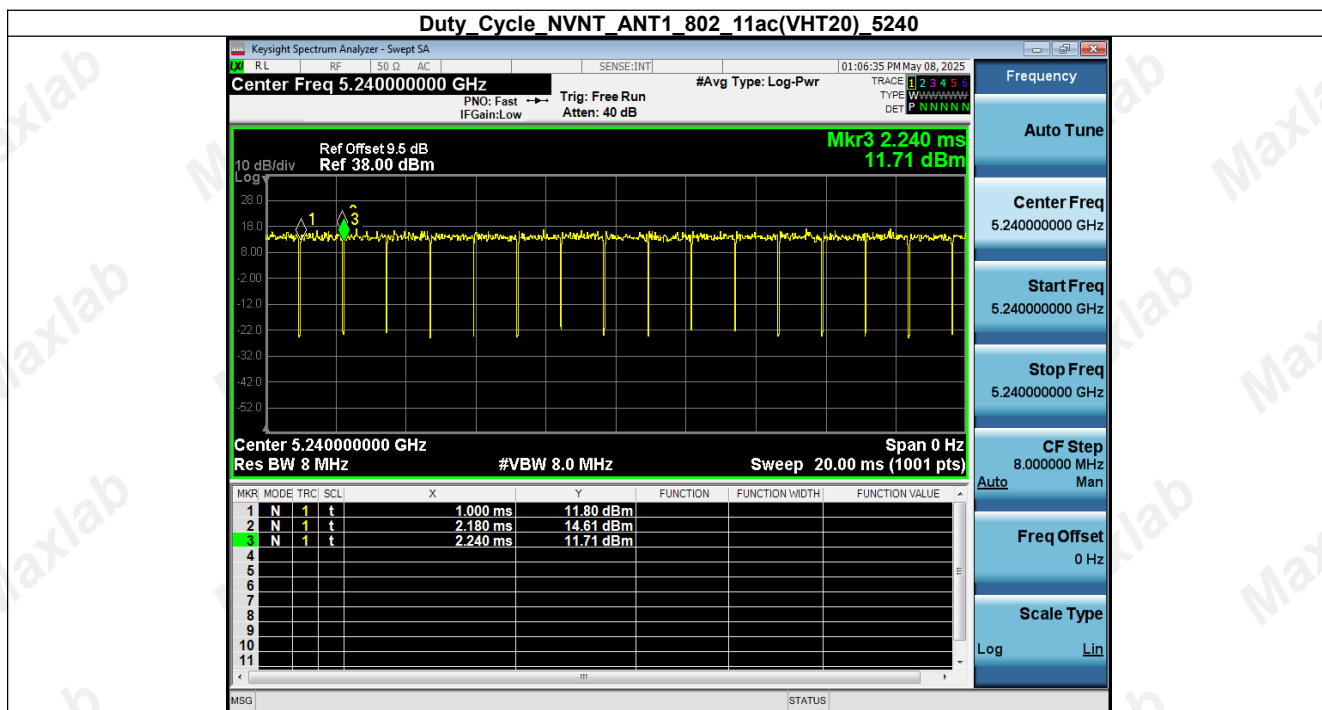
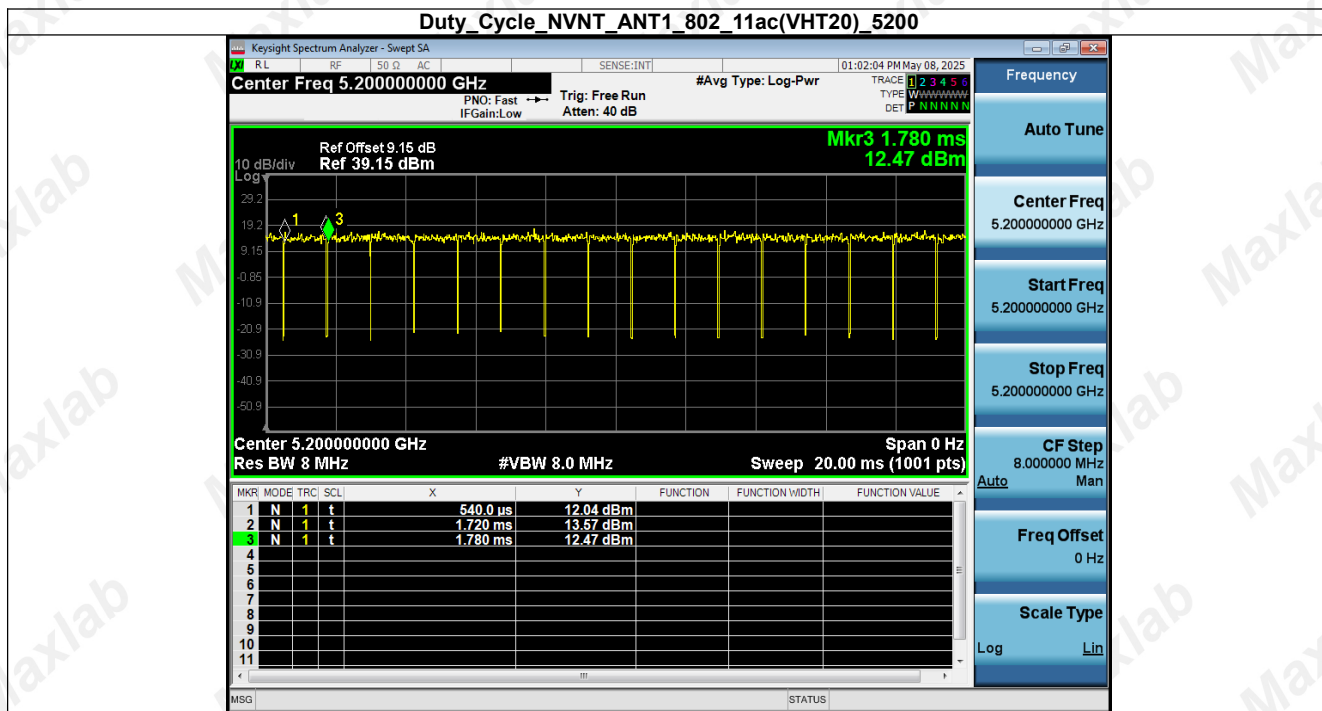
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	97.22	0.12
NVNT	ANT1	802.11a	5200.00	97.22	0.12
NVNT	ANT1	802.11a	5240.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5180.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5200.00	96.77	0.14
NVNT	ANT1	802.11n(HT20)	5240.00	96.72	0.14
NVNT	ANT1	802.11ac(VHT20)	5180.00	95.24	0.21
NVNT	ANT1	802.11ac(VHT20)	5200.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5240.00	95.16	0.22
NVNT	ANT1	802.11n(HT40)	5190.00	90.63	0.43
NVNT	ANT1	802.11n(HT40)	5230.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5190.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5230.00	90.91	0.41
NVNT	ANT1	802.11ac(VHT80)	5210.00	83.33	0.79

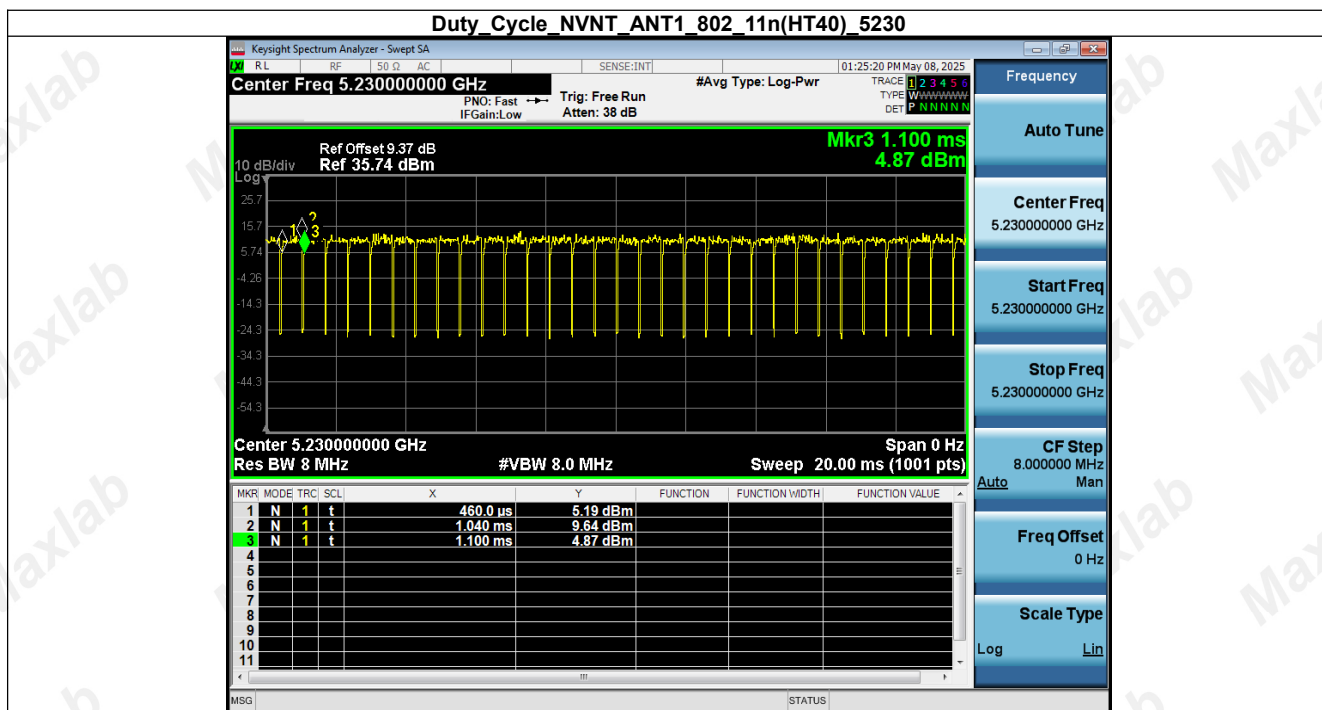
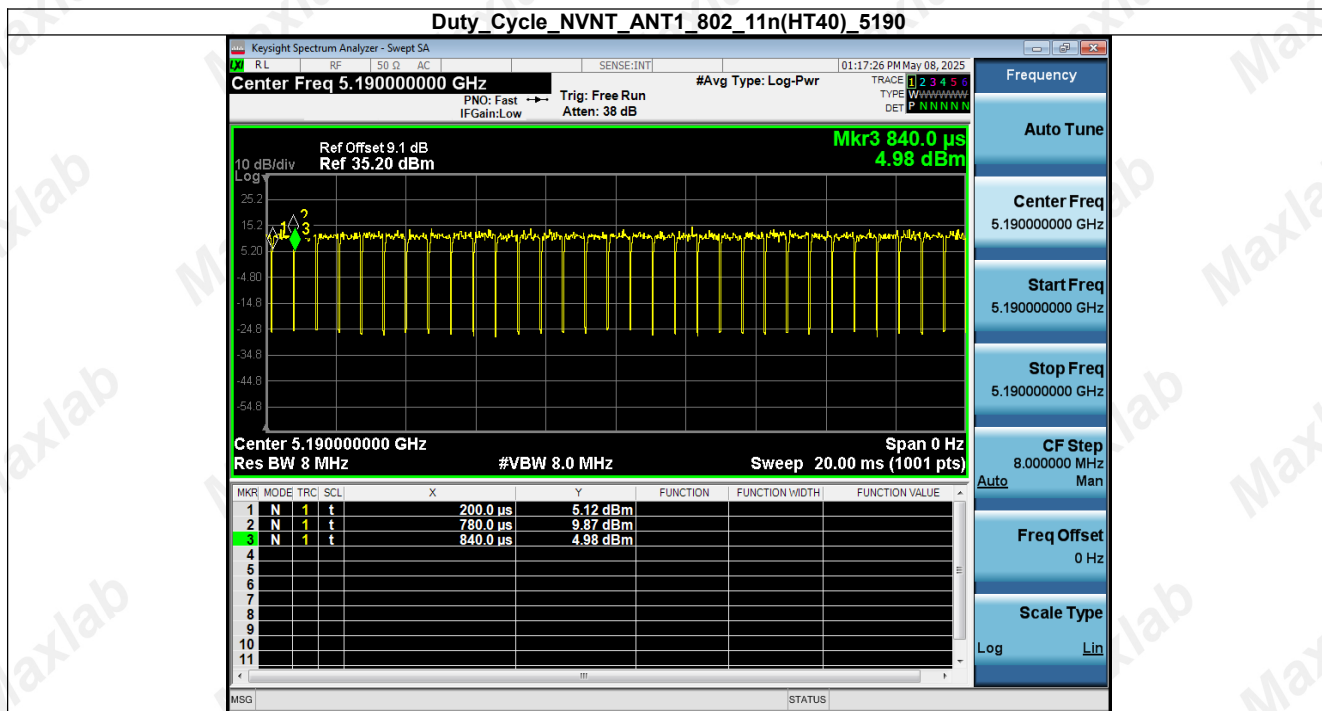


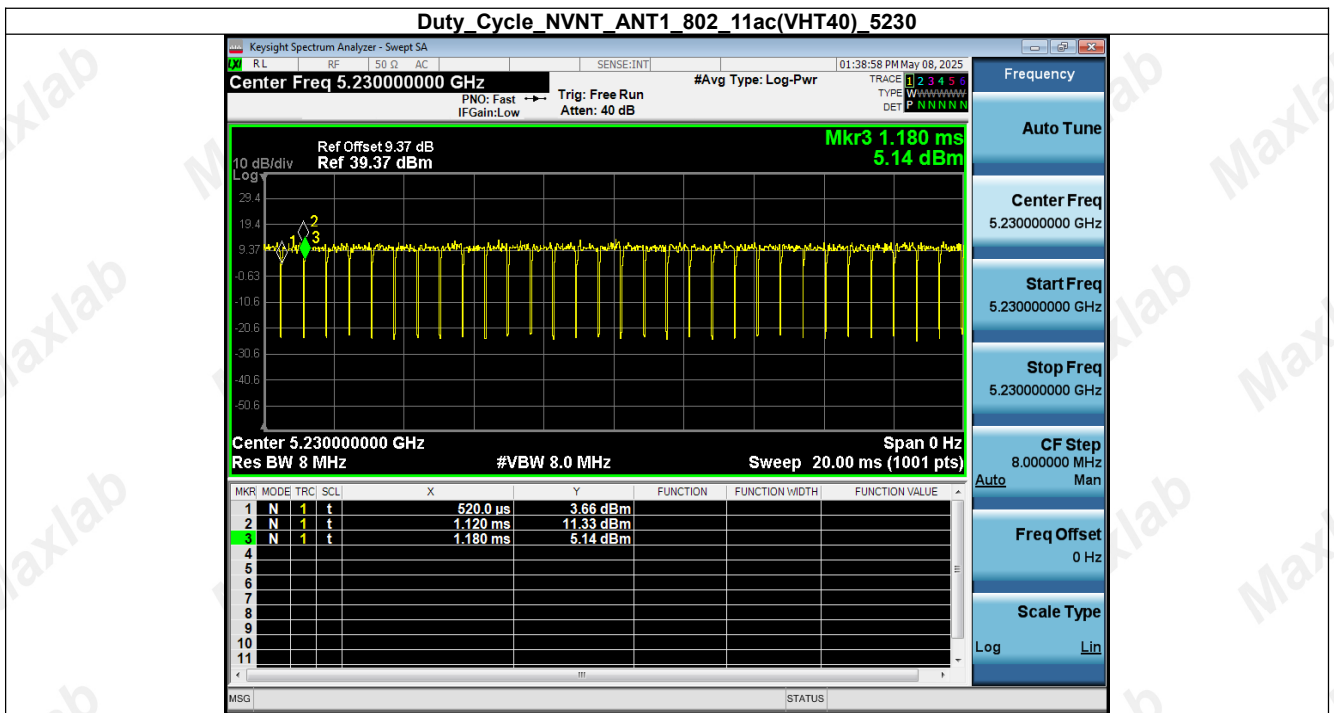
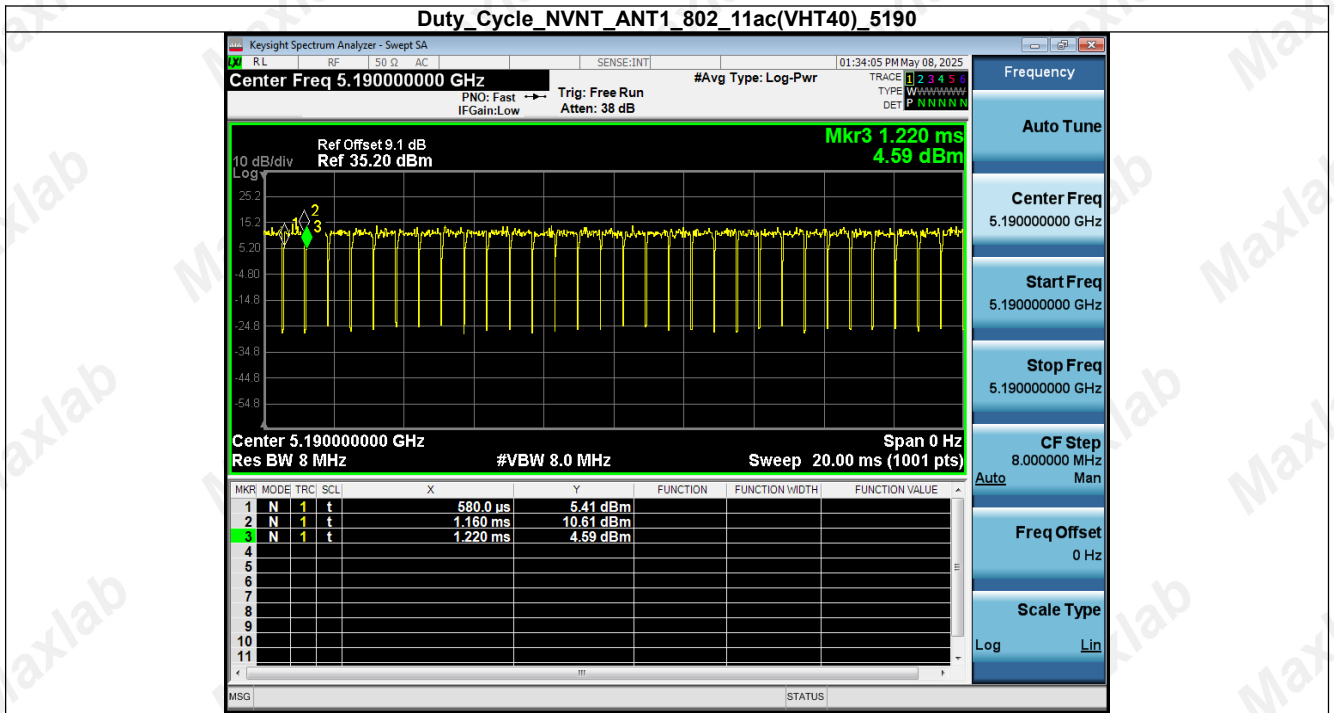


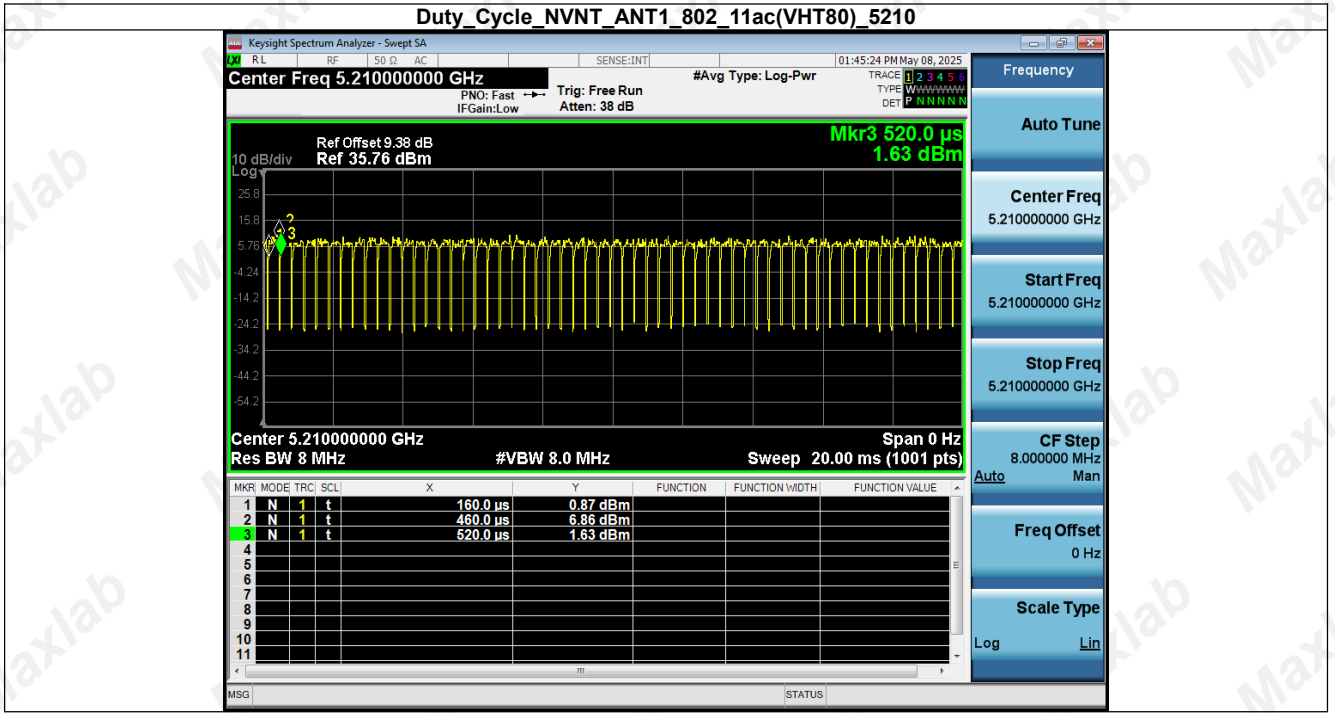






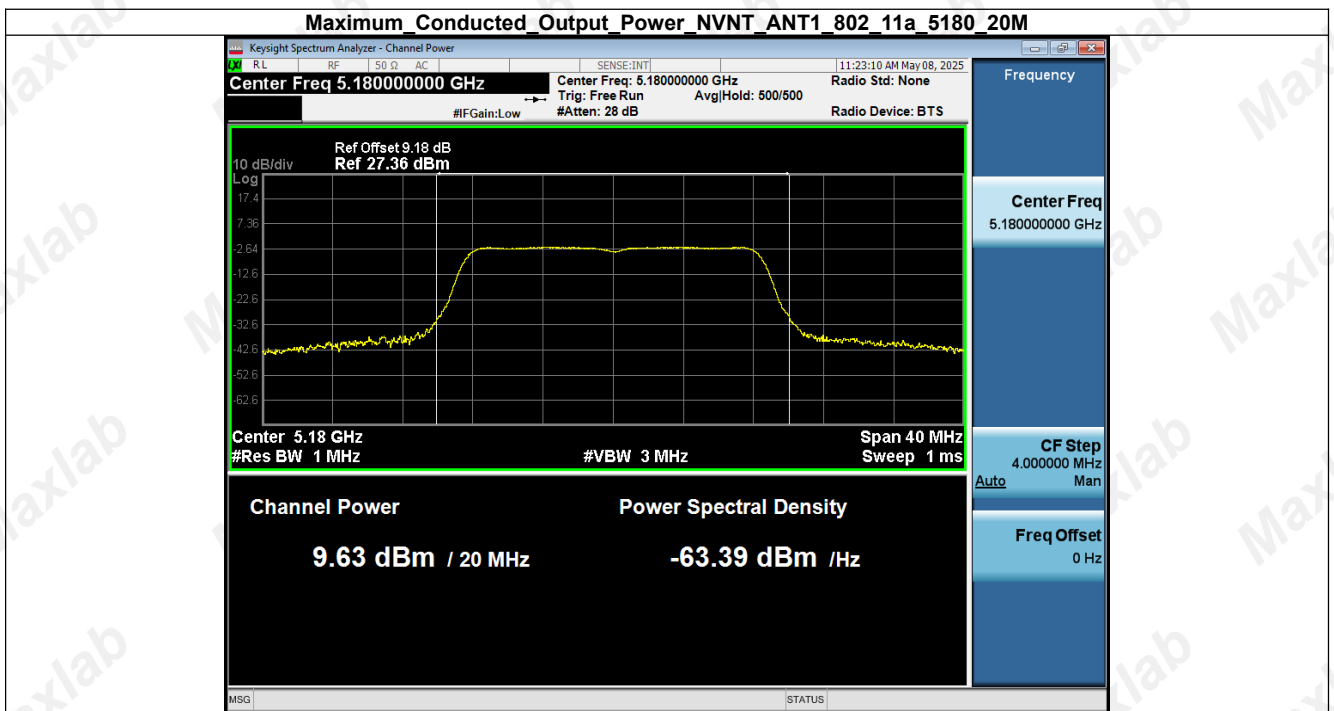


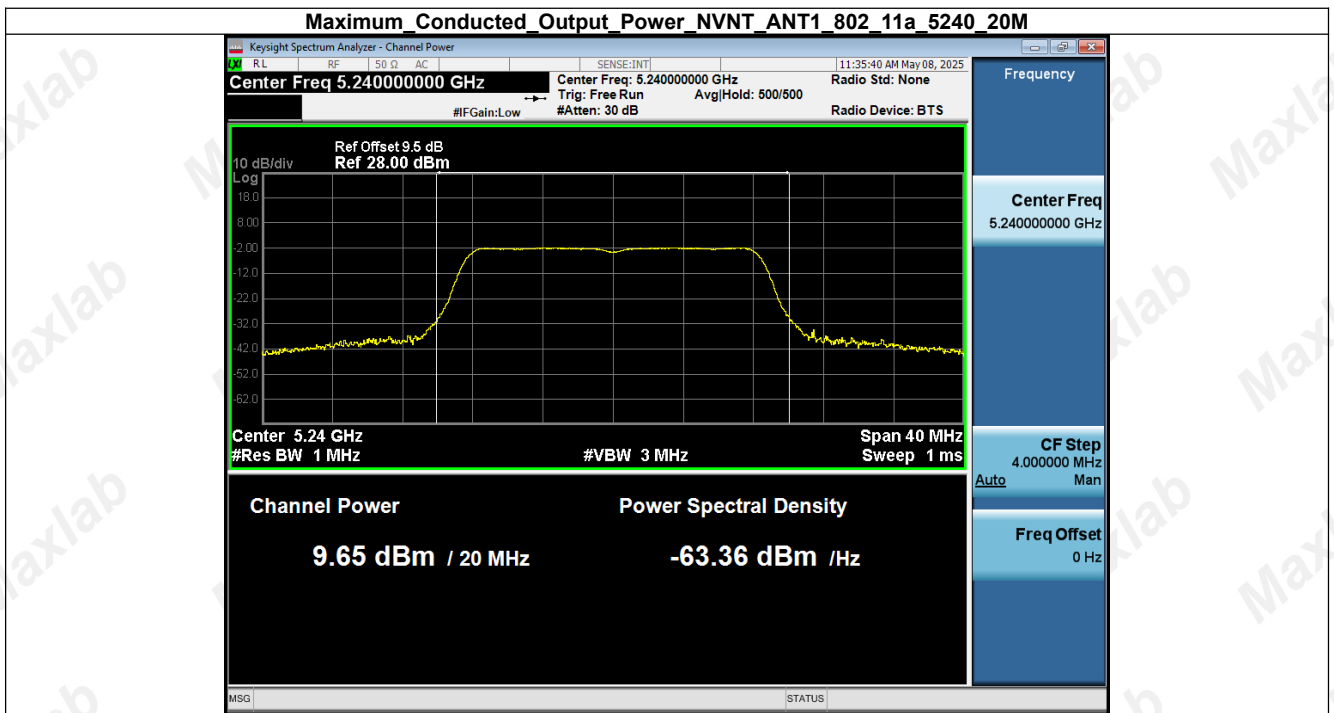
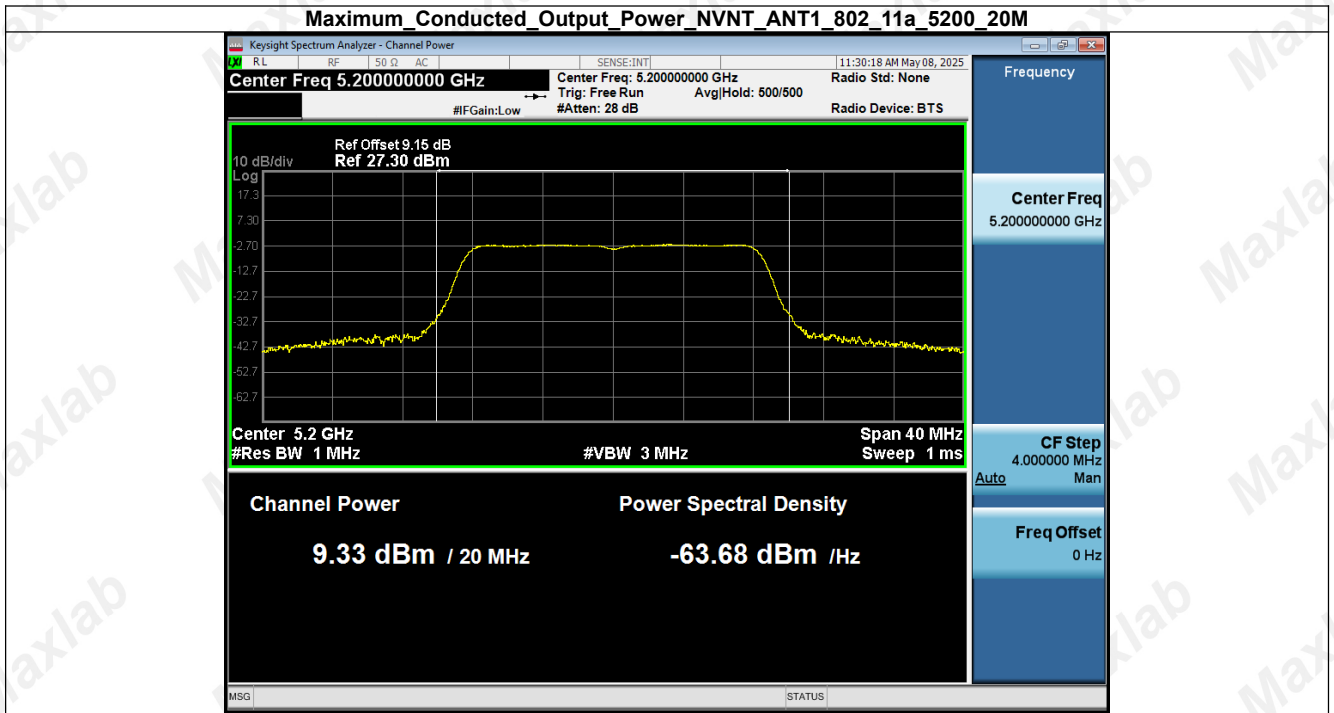


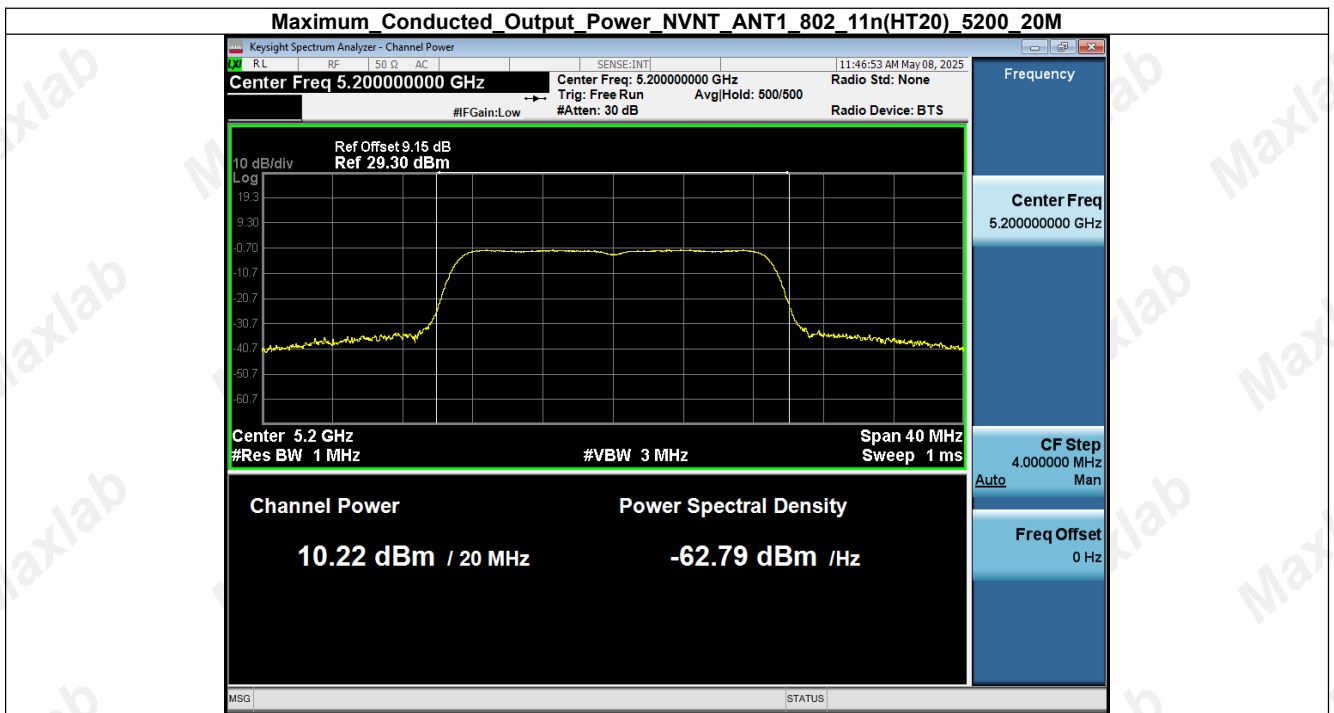
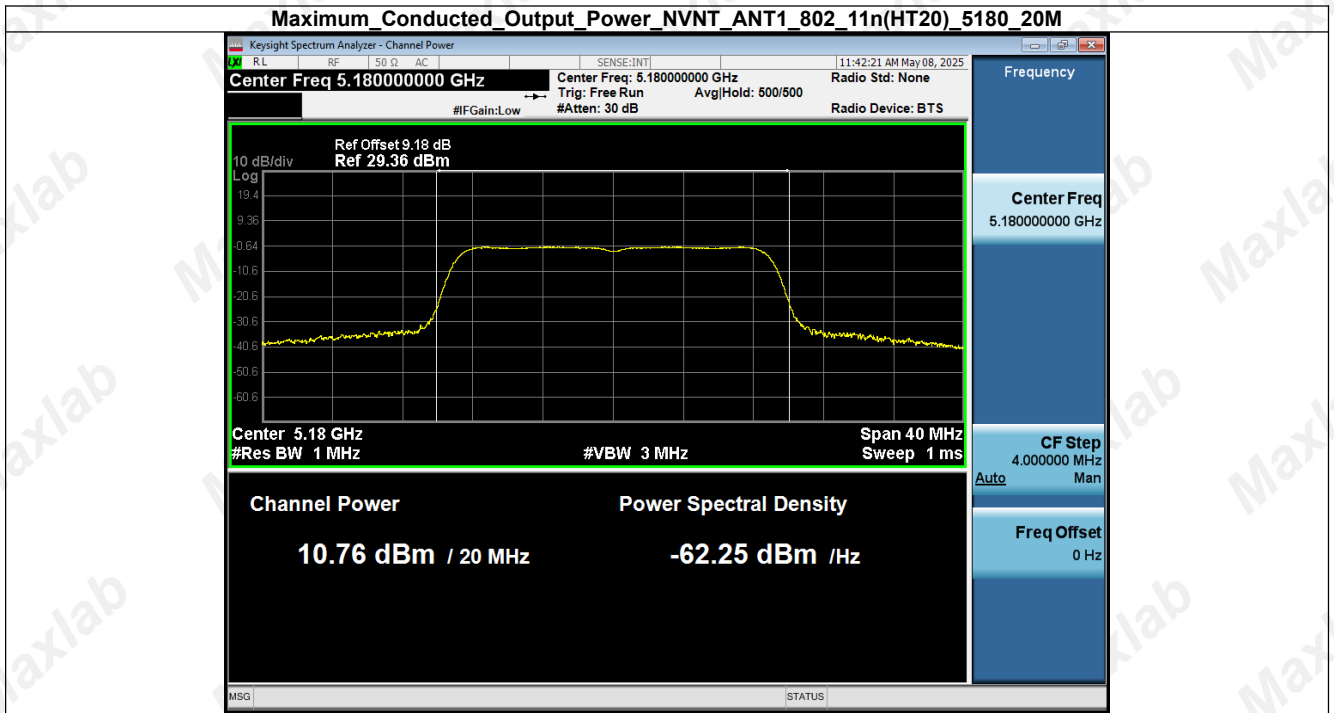


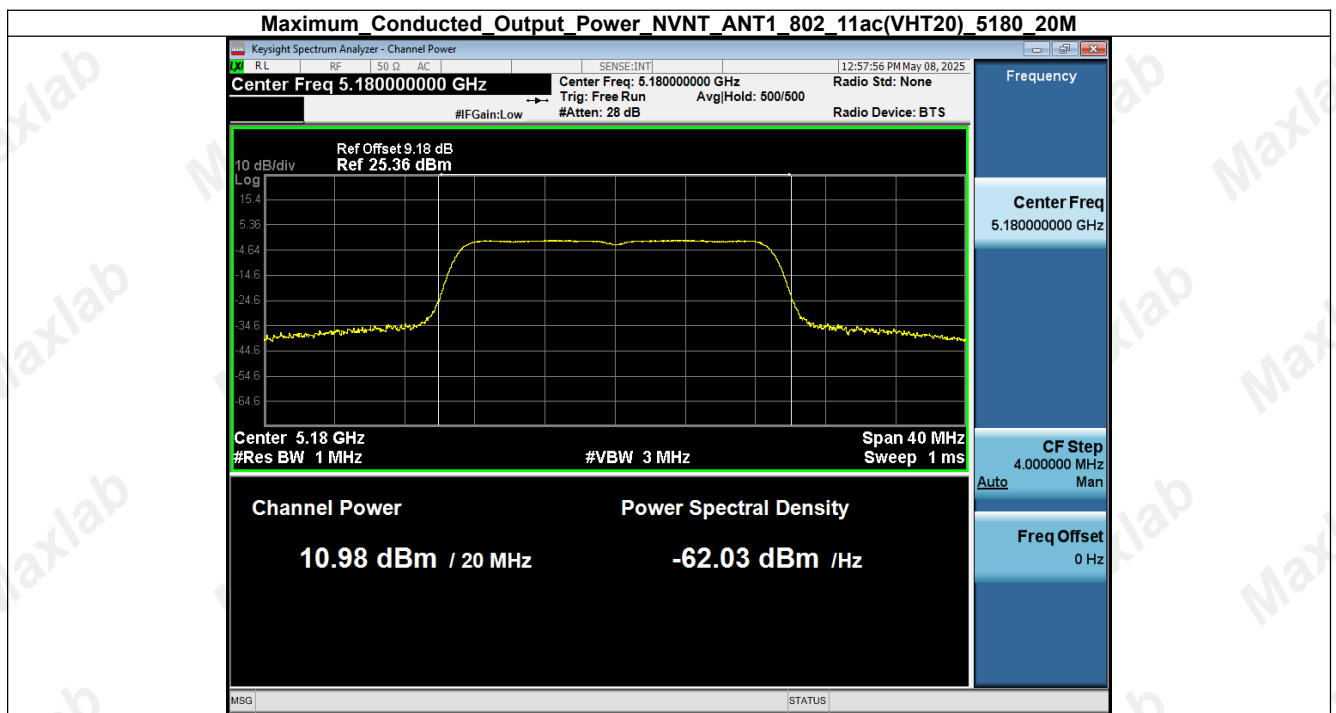
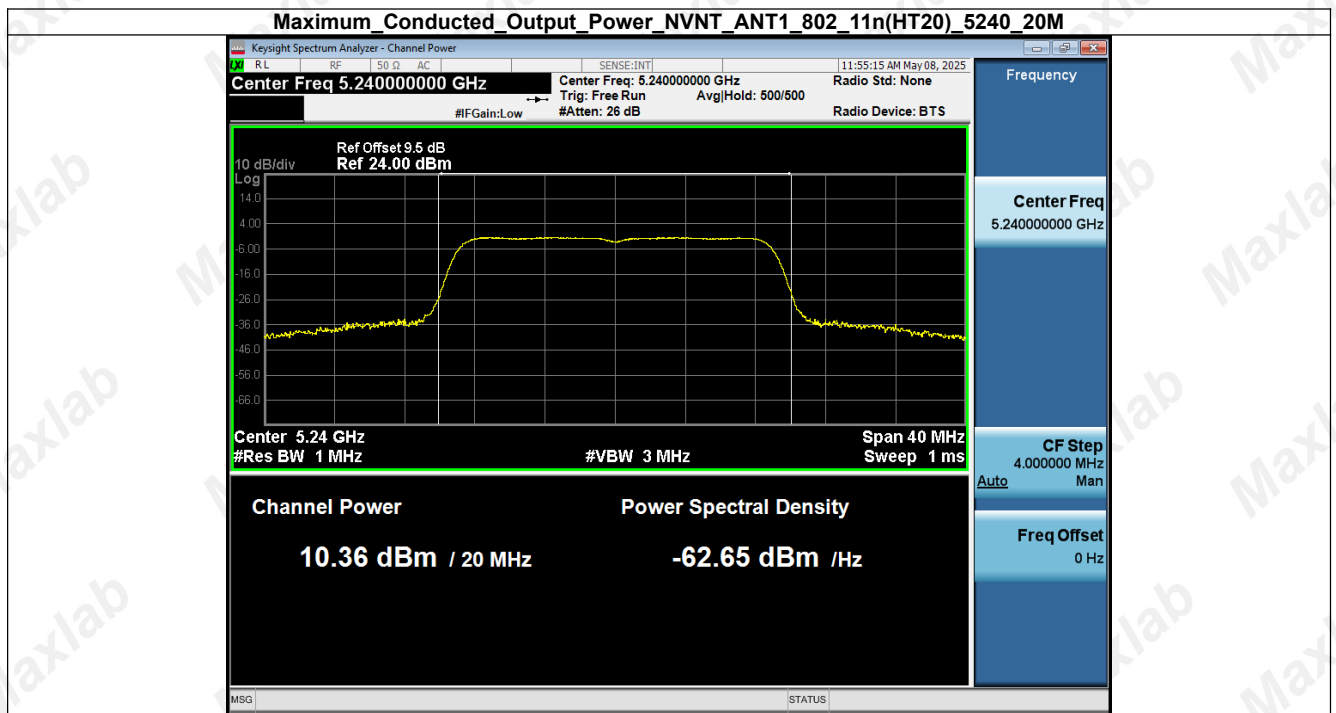
3. Maximum Conducted Output Power

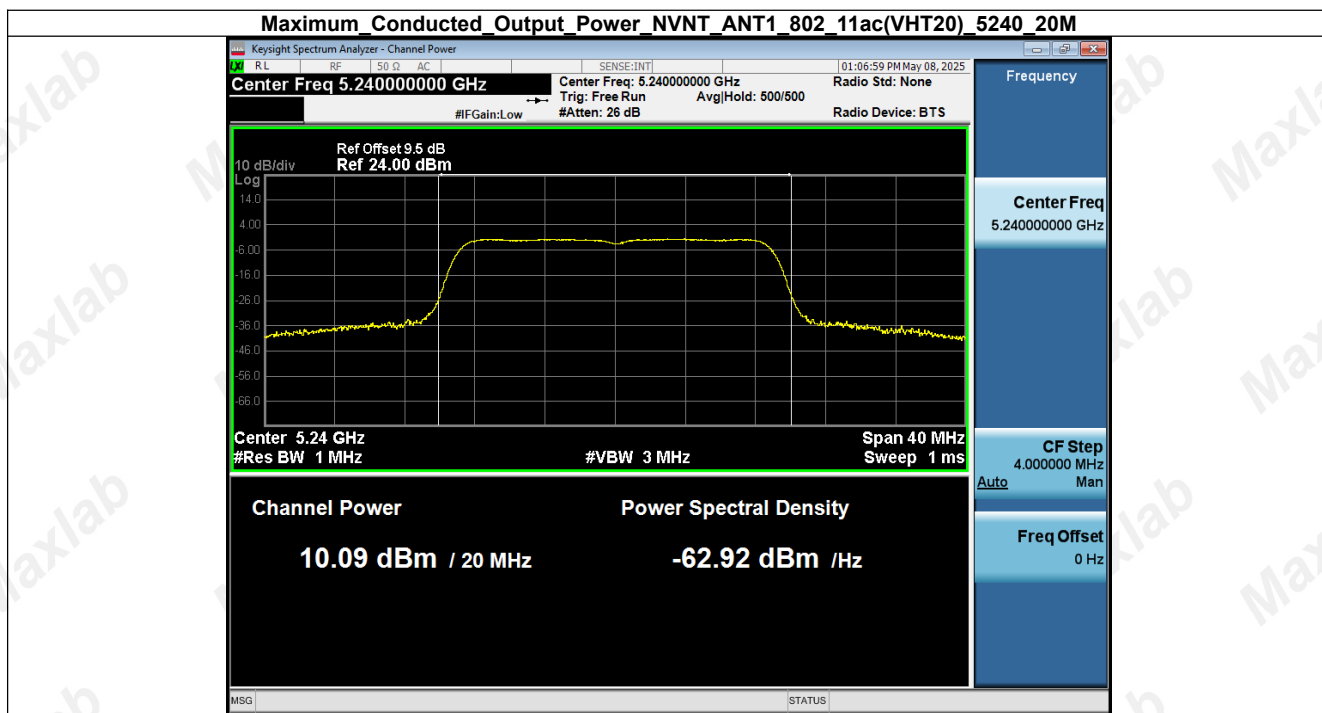
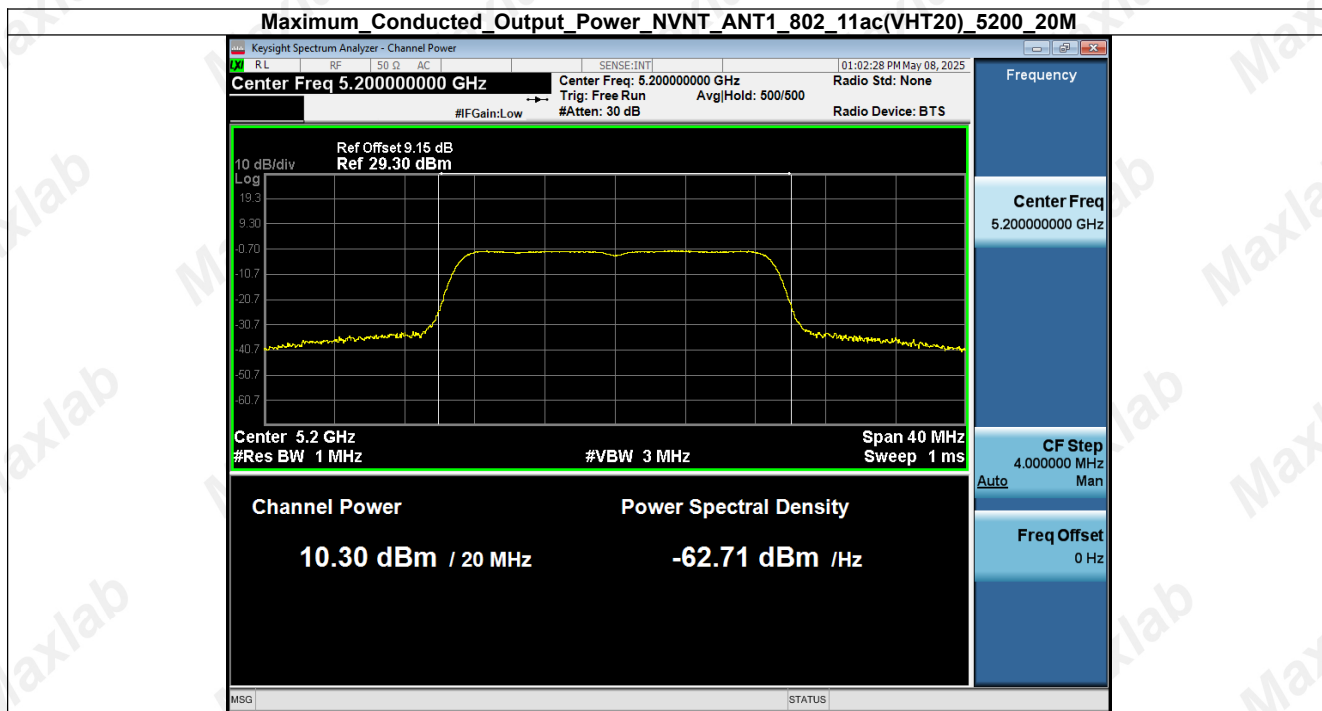
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	9.63	0.12	9.75	24	Pass
NVNT	ANT1	802.11a	5200.00	9.33	0.12	9.45	24	Pass
NVNT	ANT1	802.11a	5240.00	9.65	0.18	9.83	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	10.76	0.22	10.98	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	10.22	0.14	10.36	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	10.36	0.14	10.50	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	10.98	0.21	11.19	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	10.30	0.22	10.52	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	10.09	0.22	10.31	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	10.40	0.43	10.83	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	9.92	0.43	10.35	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	10.42	0.43	10.85	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	9.87	0.41	10.28	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	10.05	0.79	10.84	24	Pass

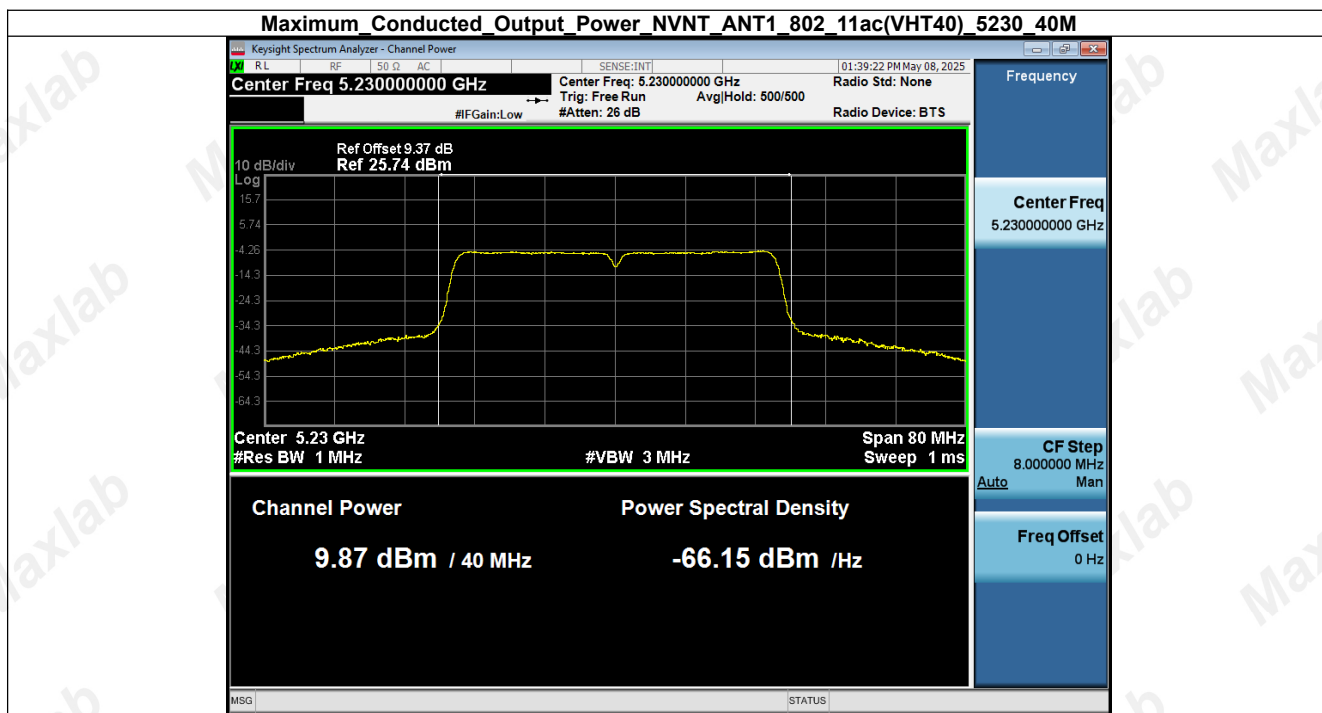
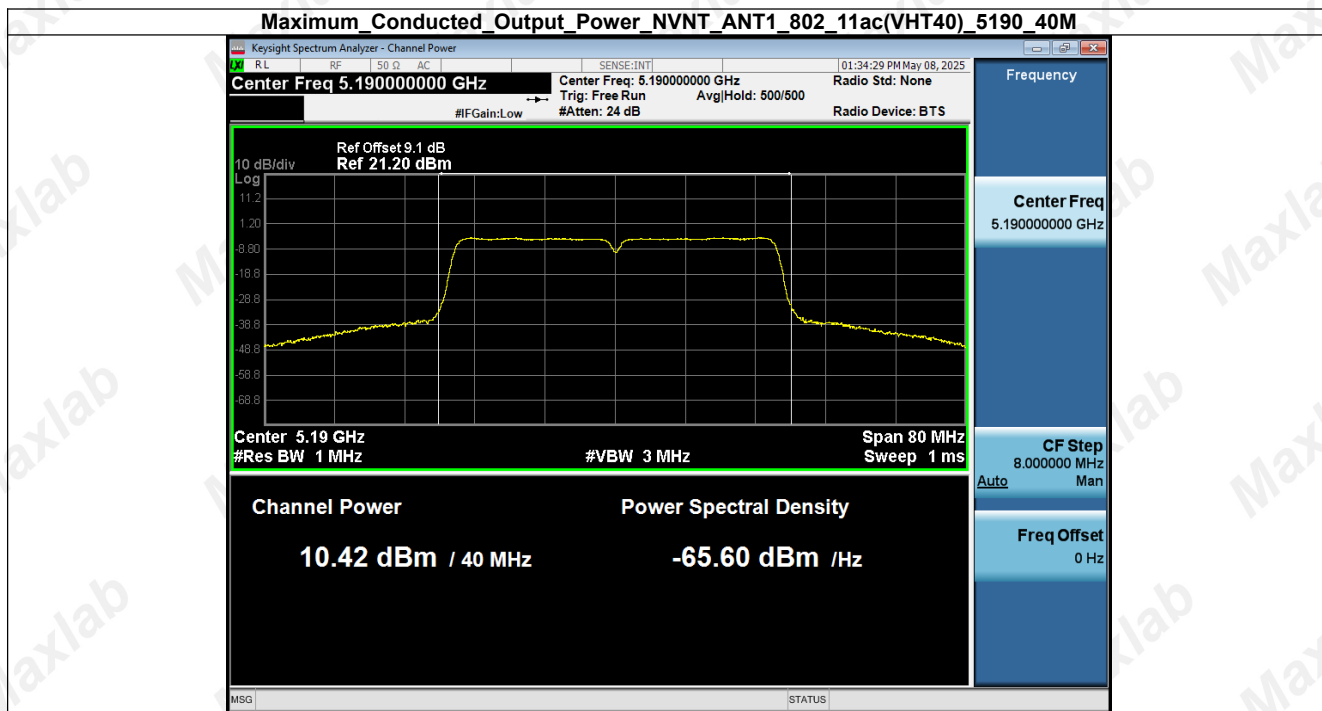


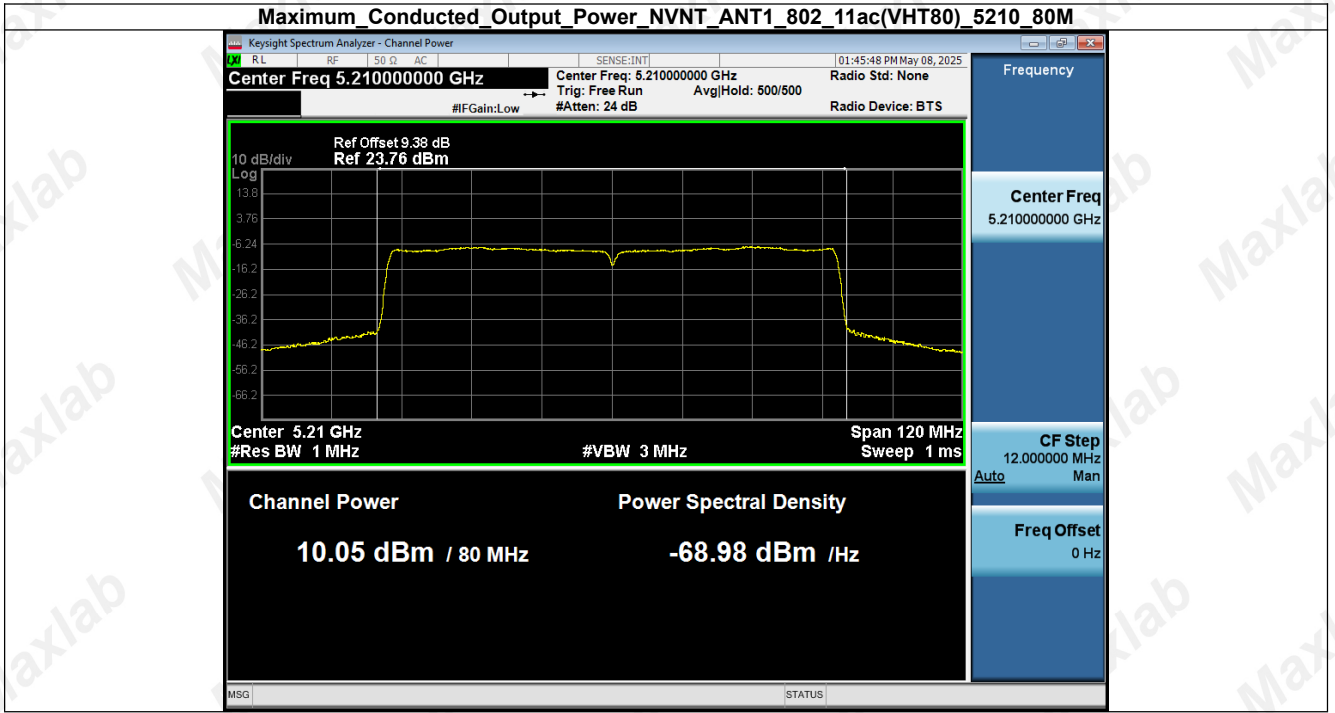






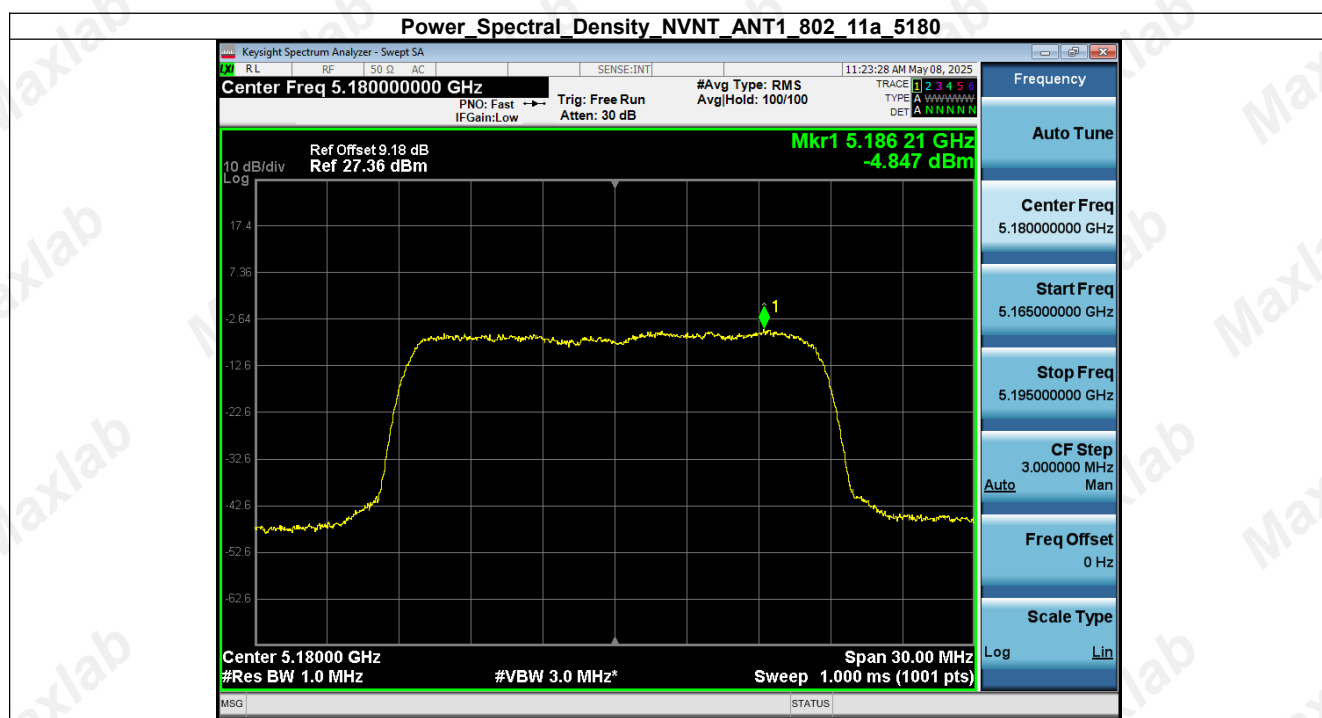


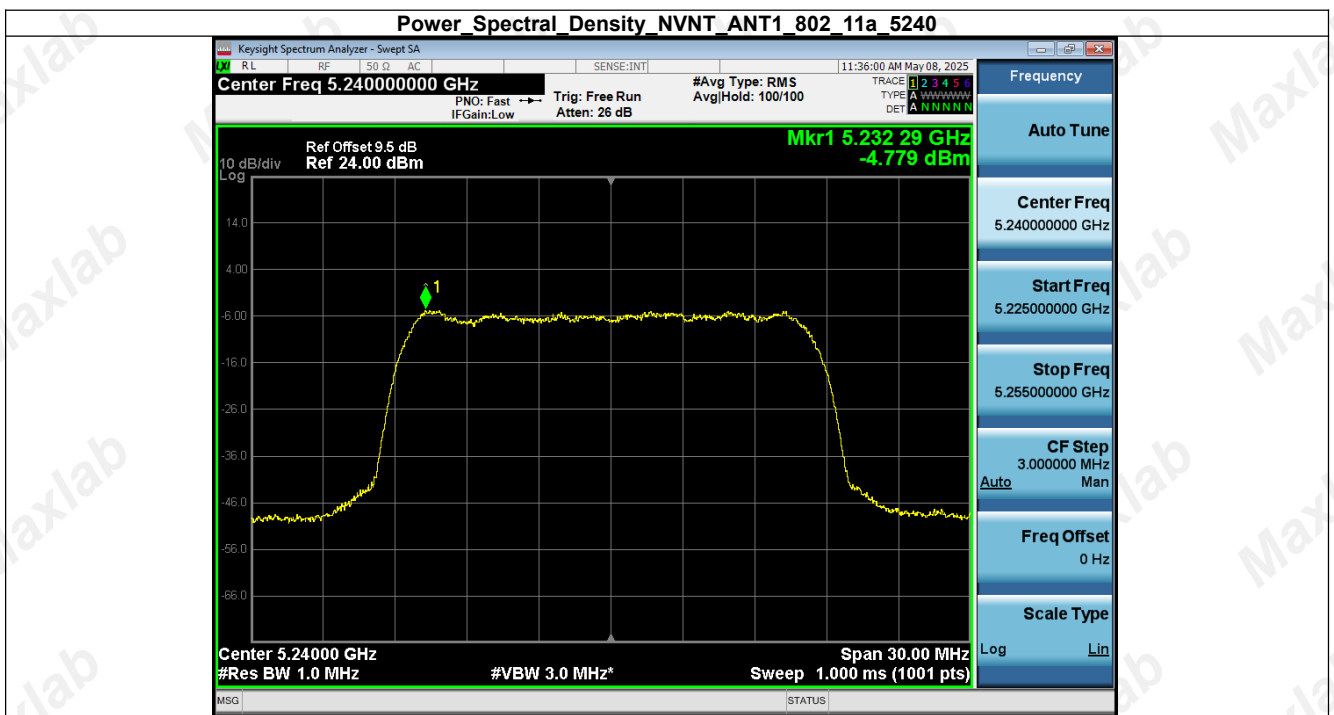
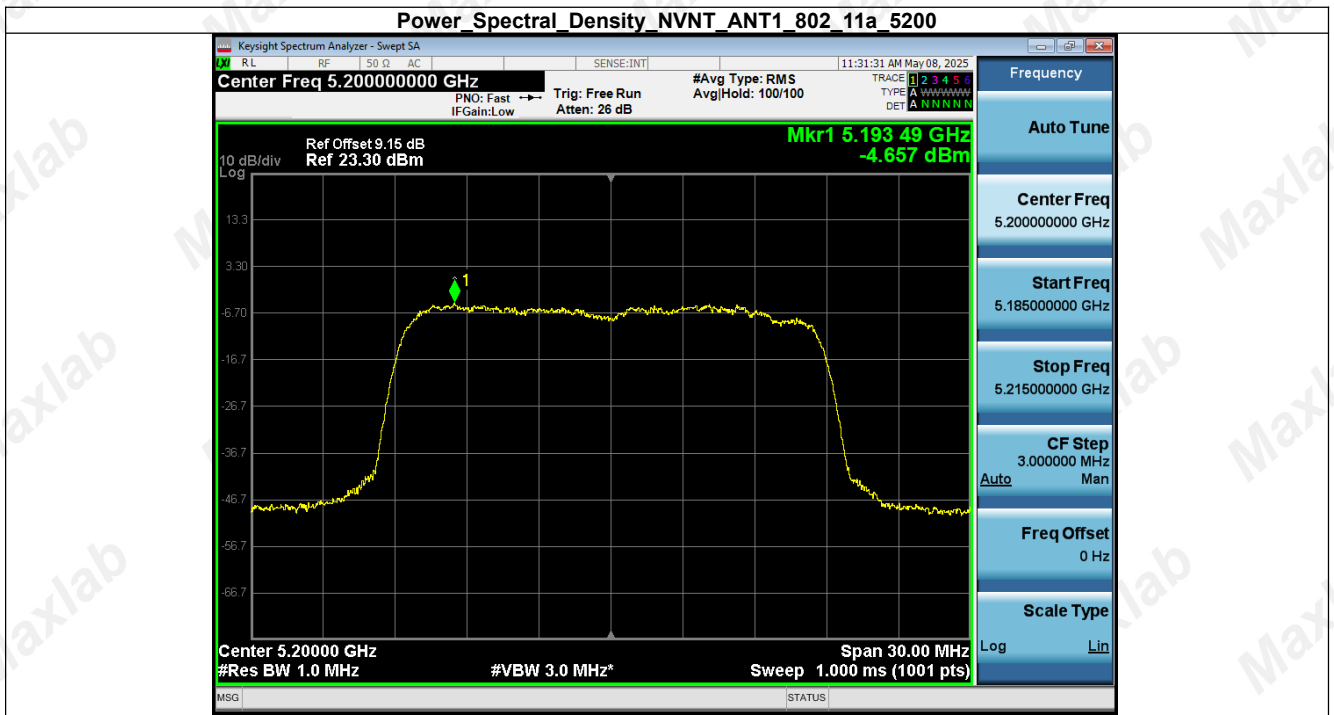


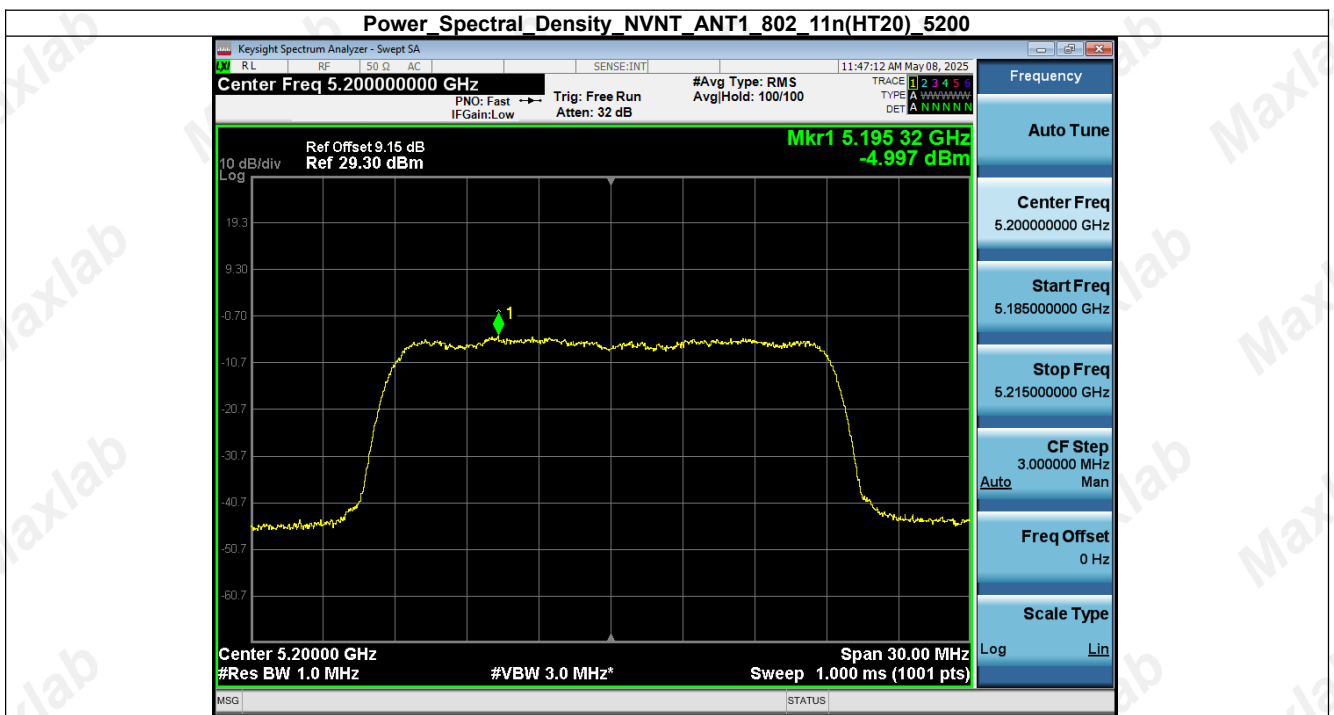
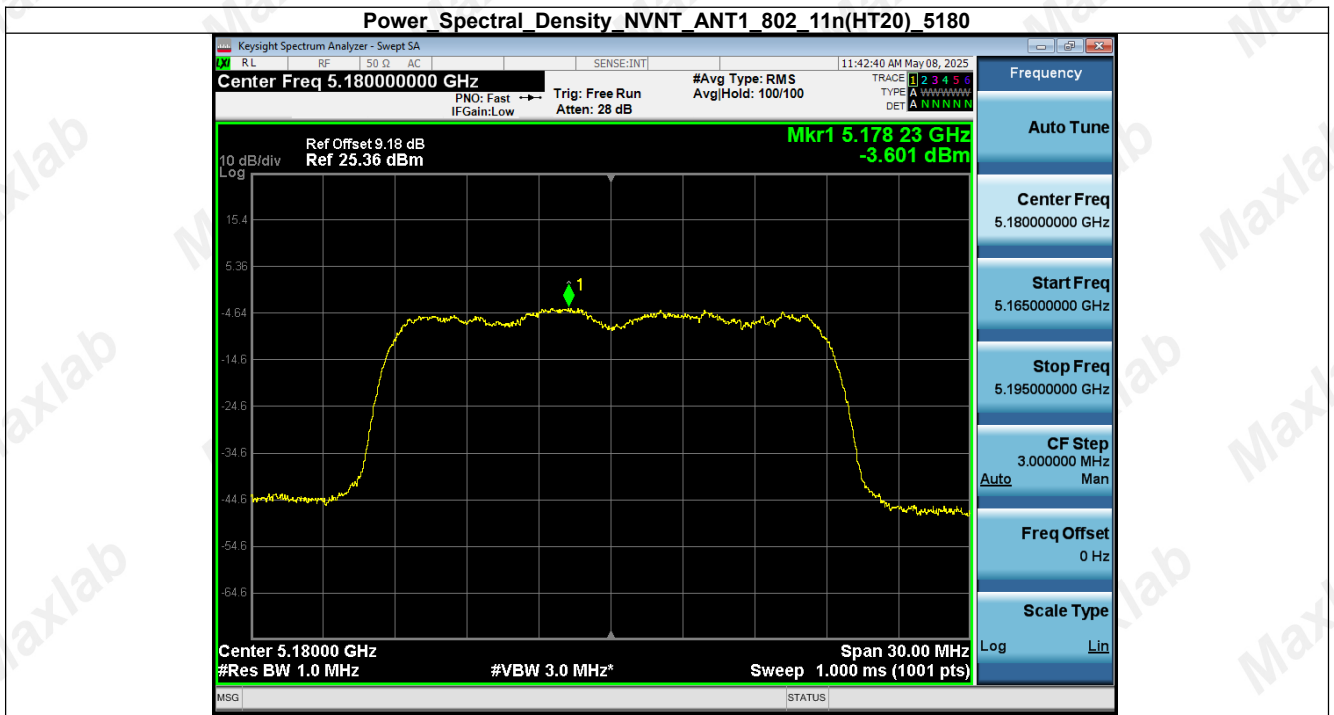


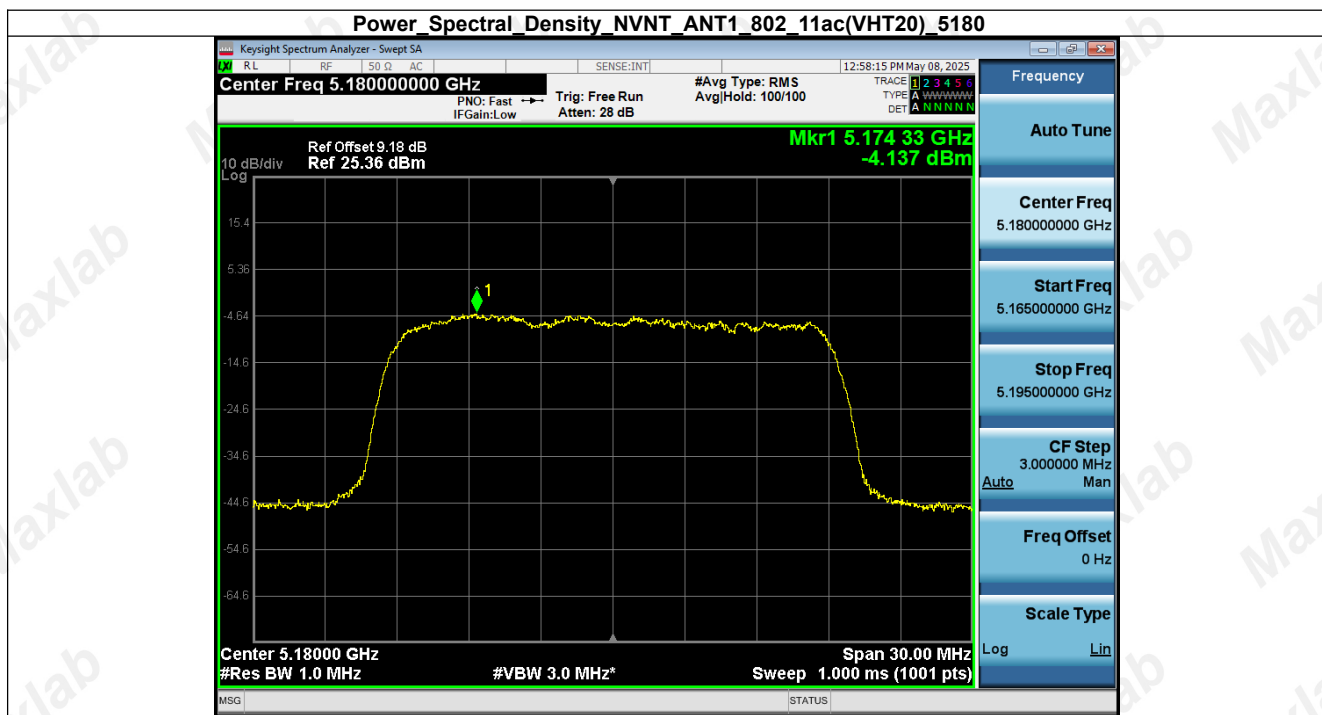
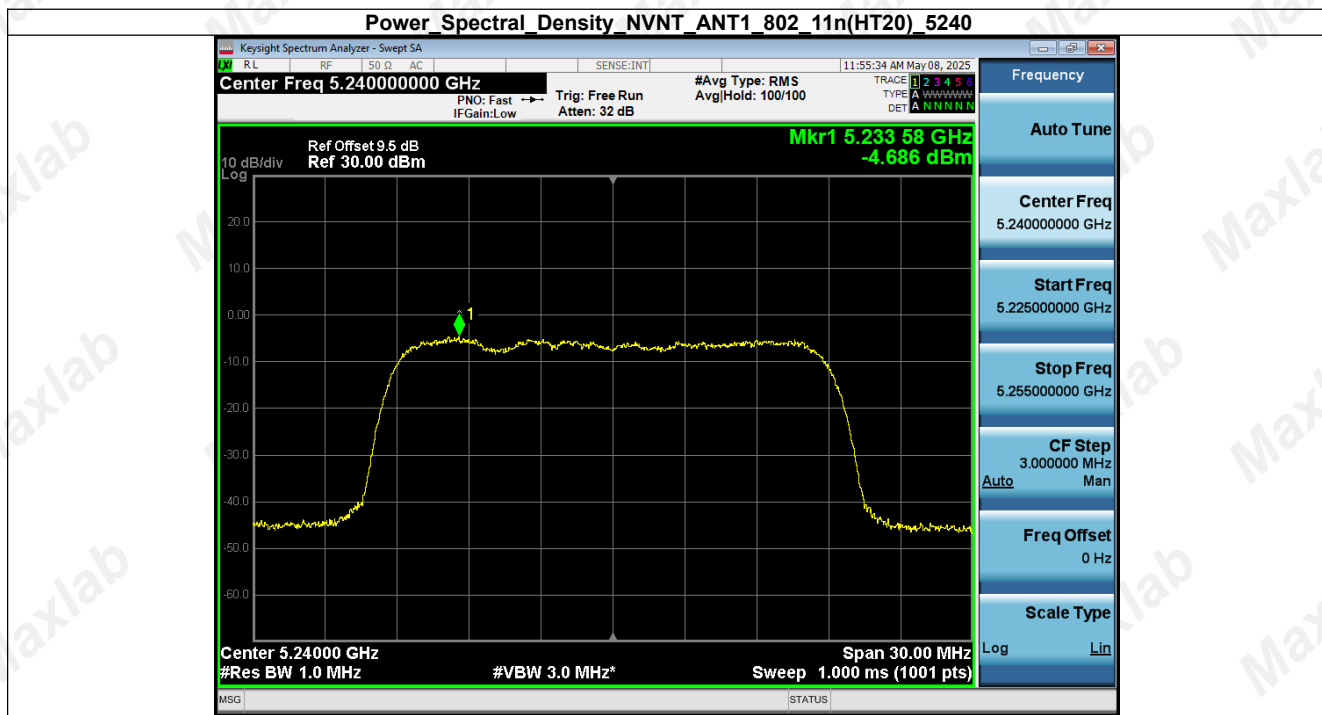
4. Power Spectral Density

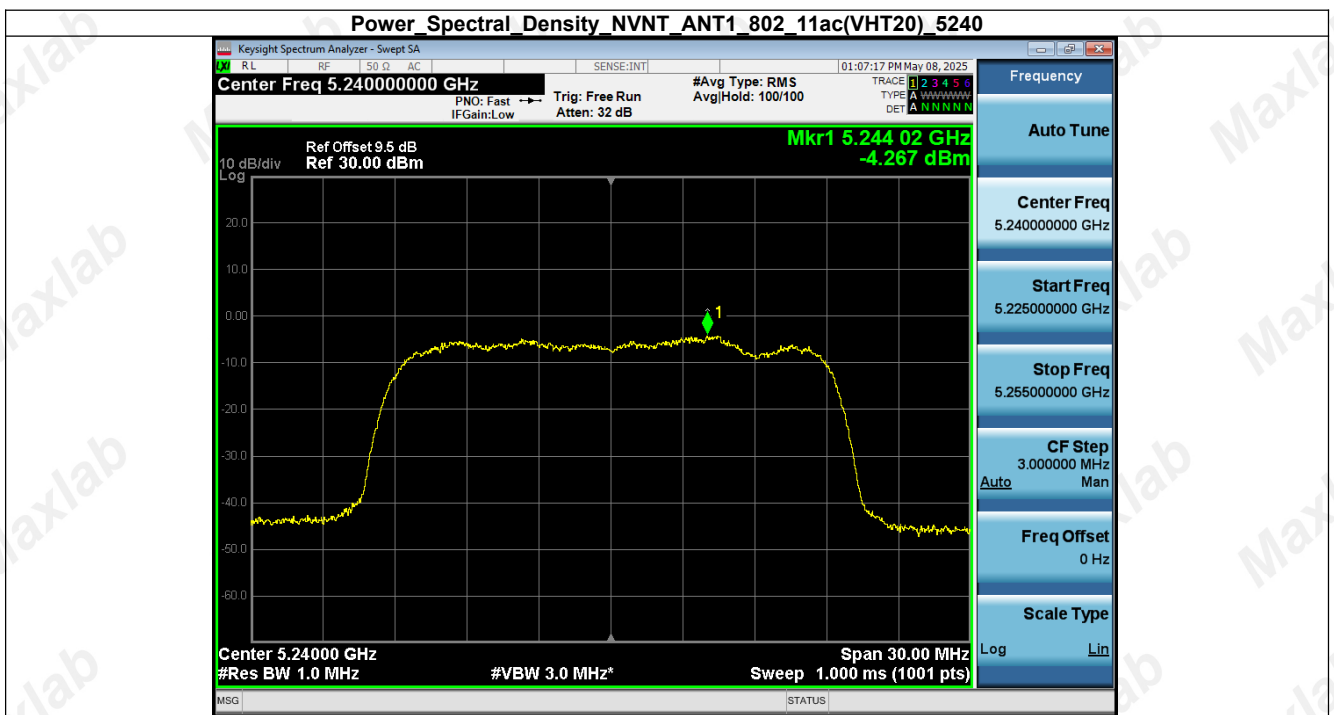
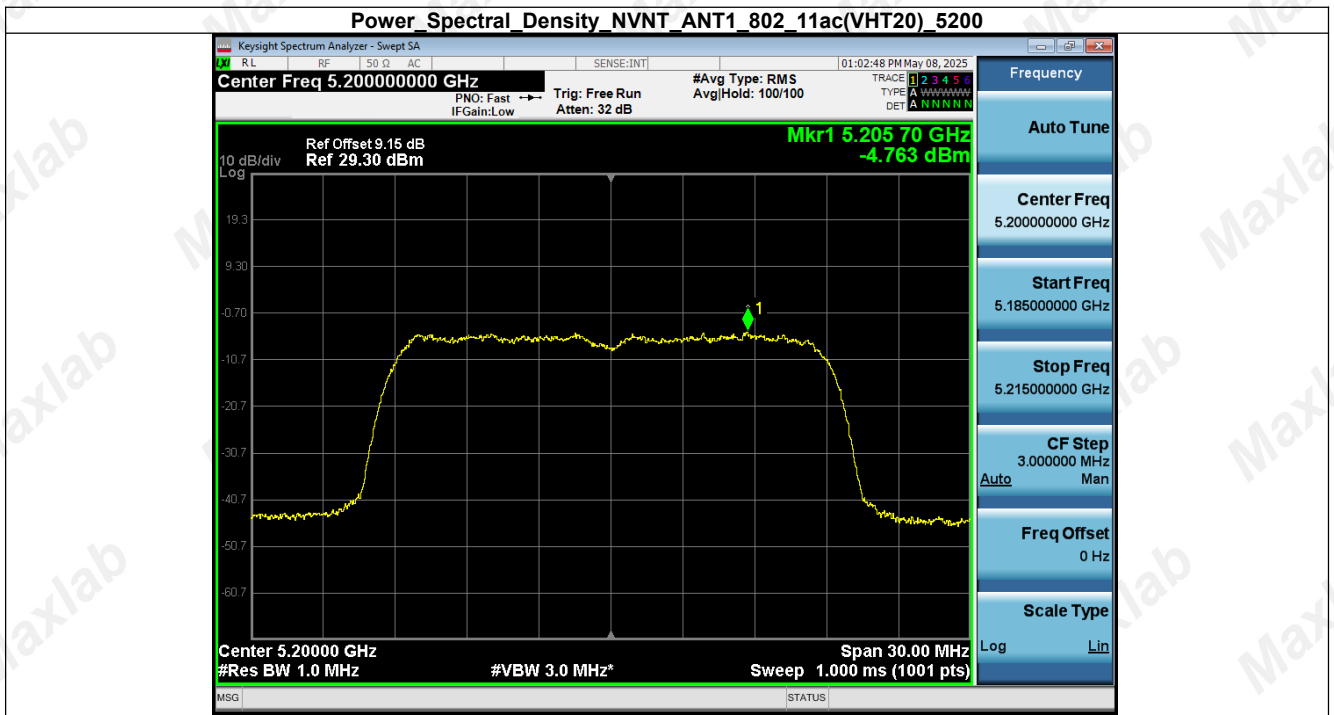
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-4.85	0.12	-4.73	11	Pass
NVNT	ANT1	802.11a	5200.00	-4.66	0.12	-4.54	11	Pass
NVNT	ANT1	802.11a	5240.00	-4.78	0.18	-4.60	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-3.60	0.22	-3.38	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-5.00	0.14	-4.86	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-4.69	0.14	-4.55	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-4.14	0.21	-3.93	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-4.76	0.22	-4.54	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-4.27	0.22	-4.05	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-8.89	0.43	-8.46	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-9.31	0.43	-8.88	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-8.33	0.43	-7.90	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-9.18	0.41	-8.77	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-14.40	0.79	-13.61	11	Pass

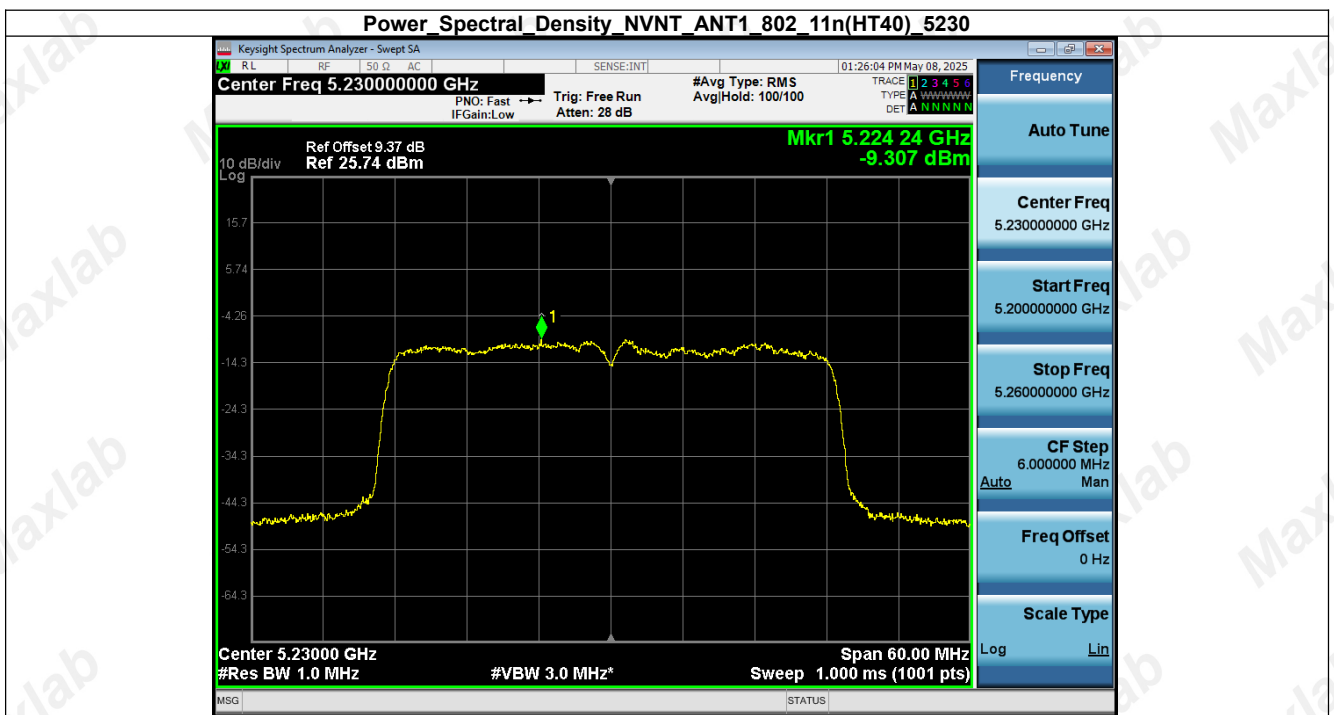
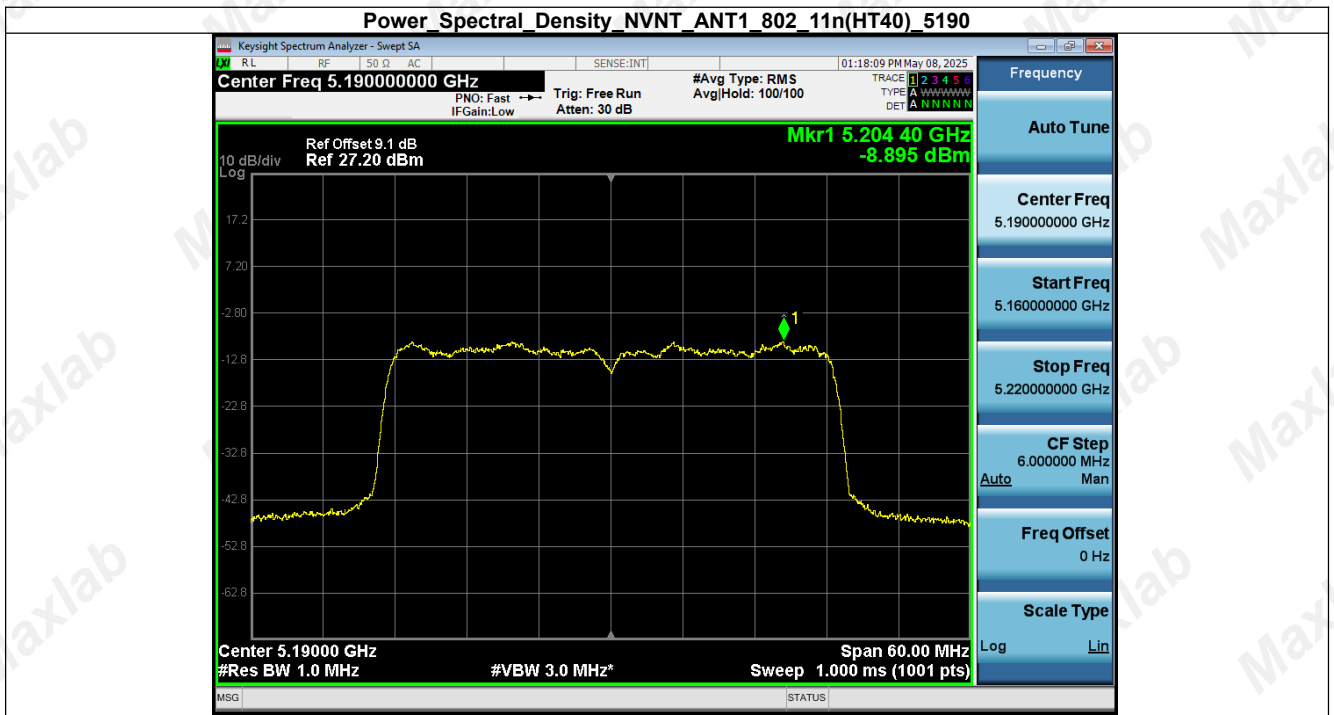


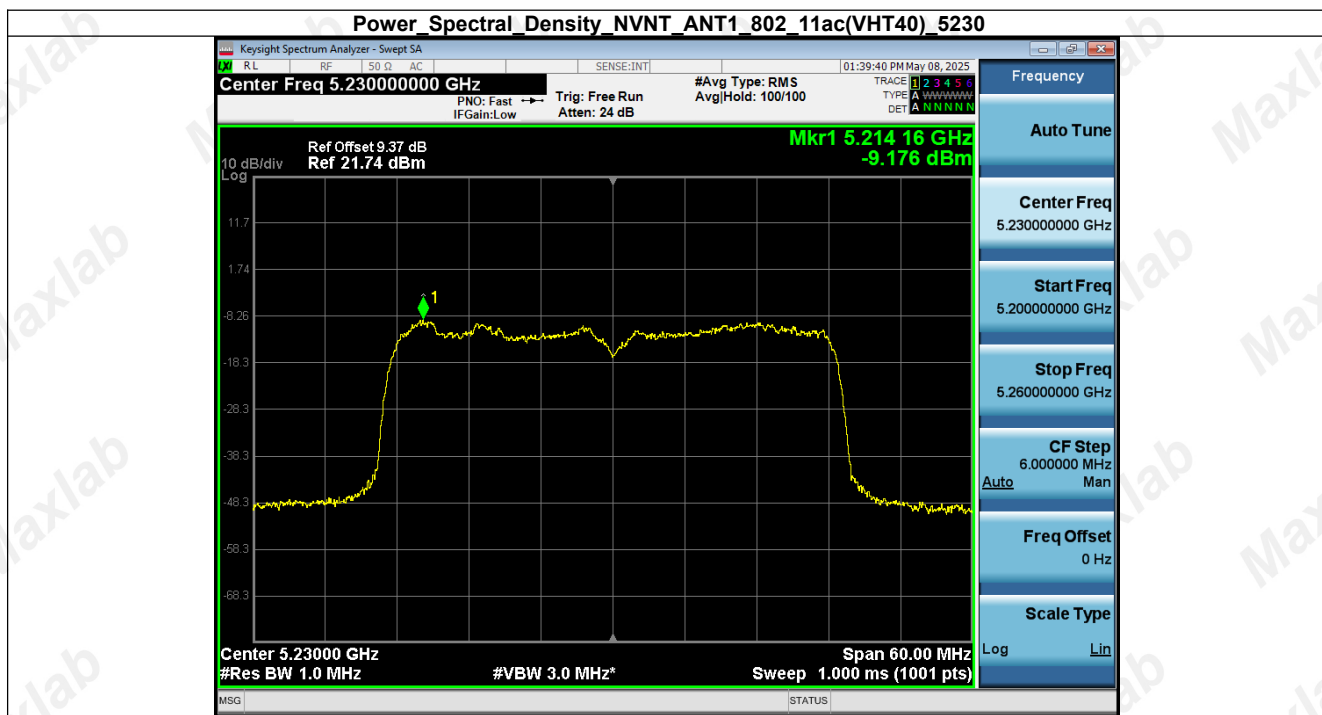
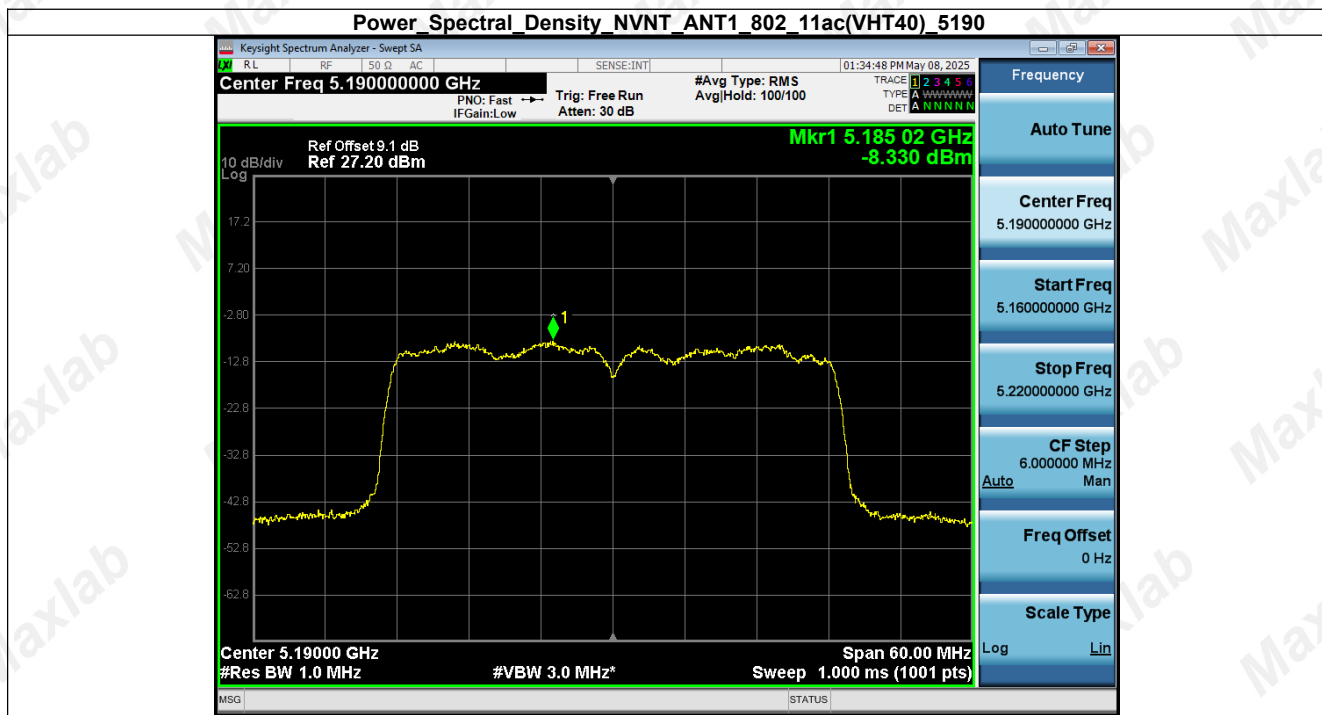


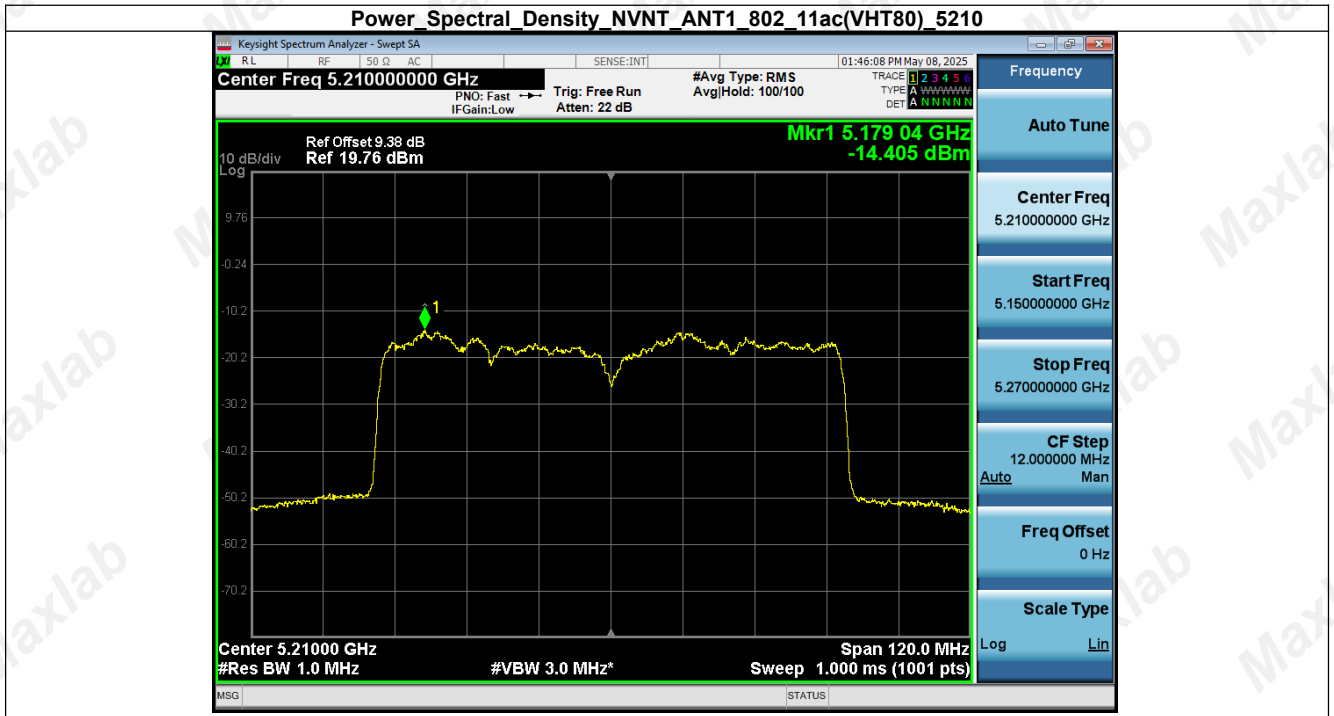








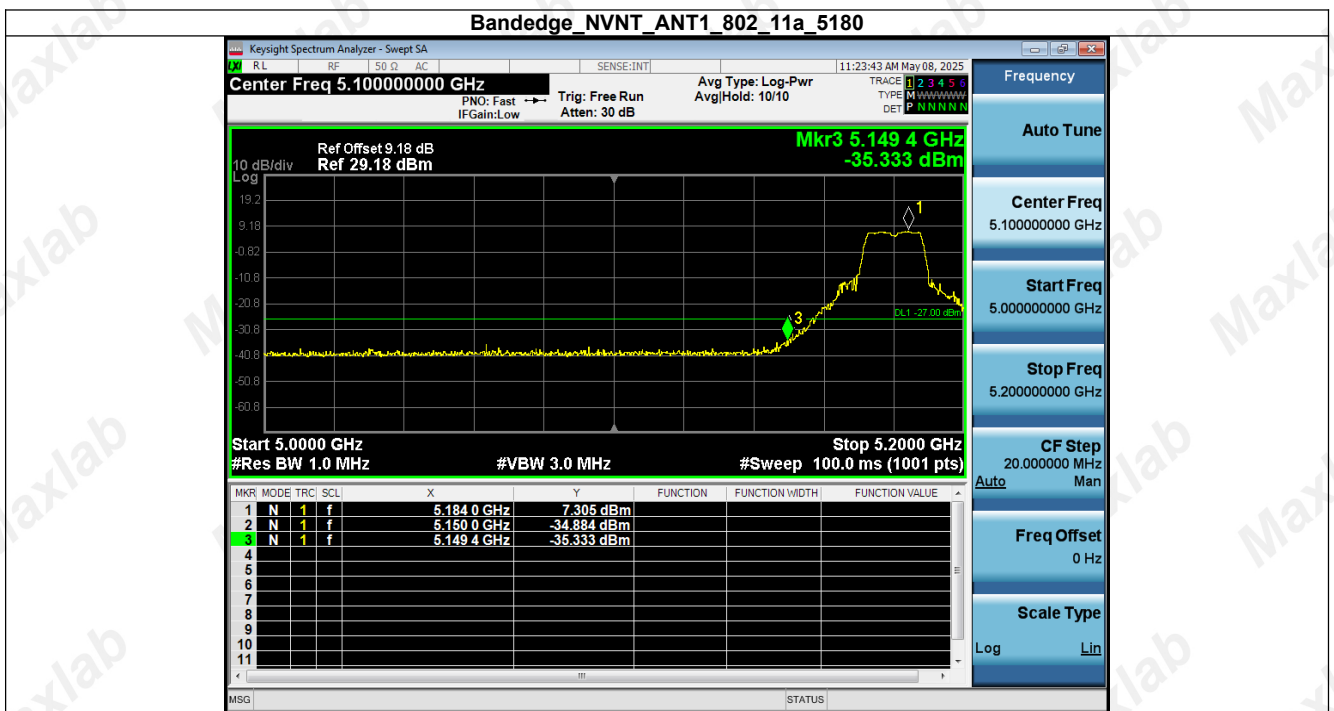




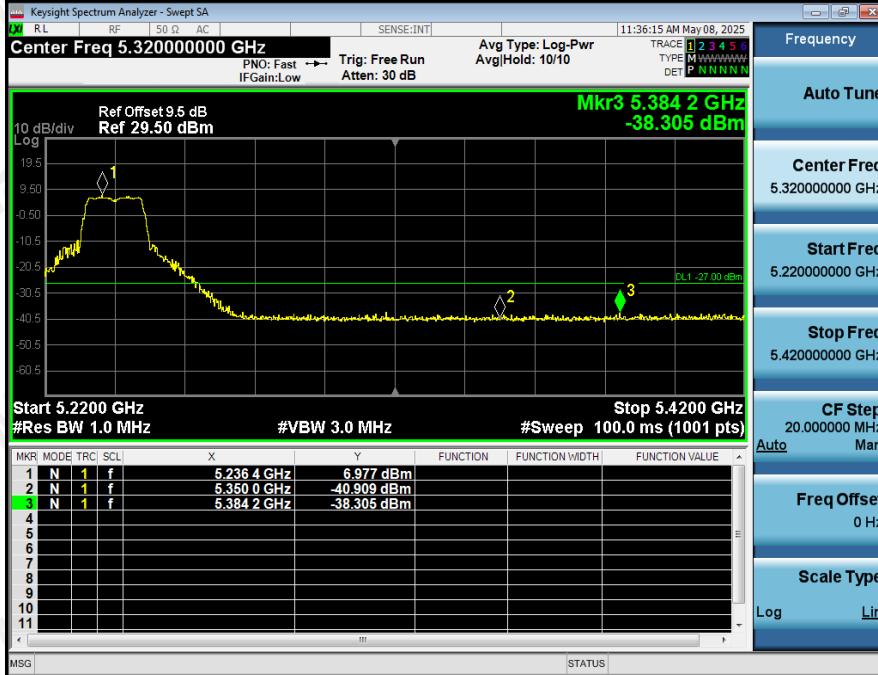
5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5149.40	-35.33	-27	Pass
NVNT	ANT1	802.11a	5240.00	5384.20	-38.31	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5148.20	-31.73	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5405.40	-37.61	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5148.40	-27.33	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5408.20	-38.24	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5149.31	-33.36	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5404.67	-37.83	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5148.89	-34.88	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5410.13	-37.95	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5149.94	-32.77	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5357.00	-38.44	-27	Pass

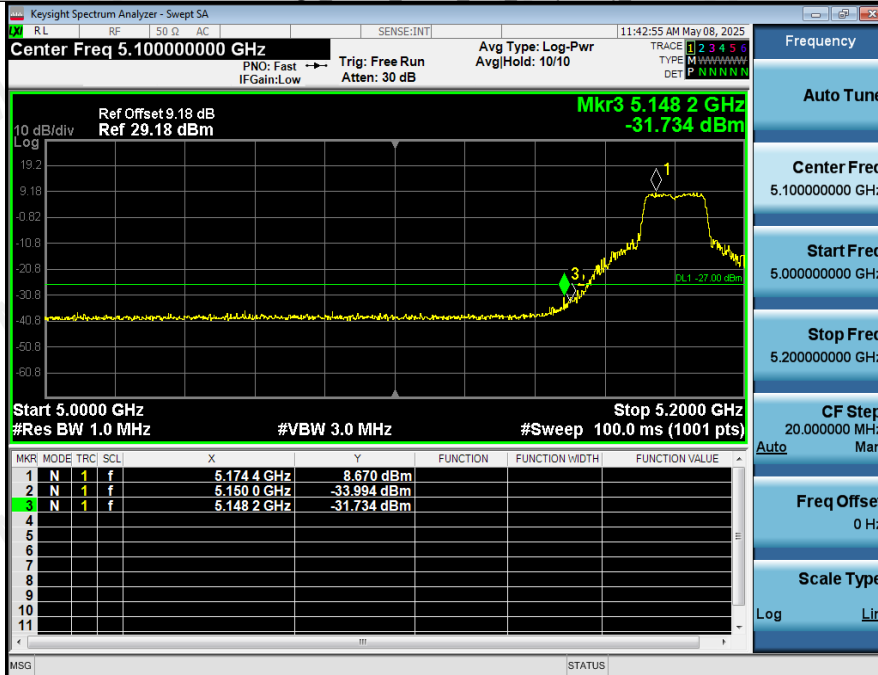
Note: The test diagram has integrated antenna gain to Offset Settings.



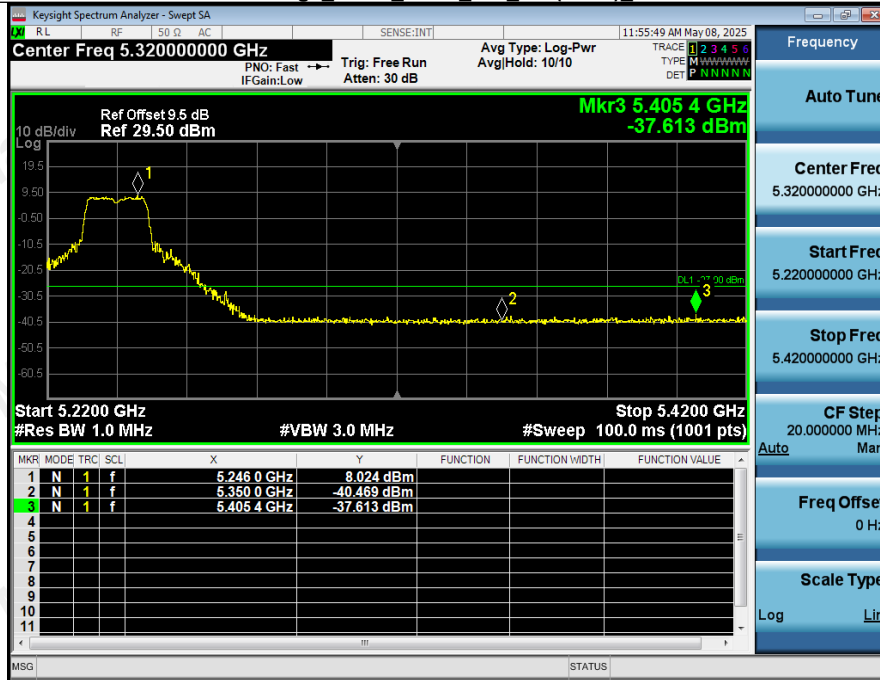
Bandedge_NVNT_ANT1_802_11a_5240



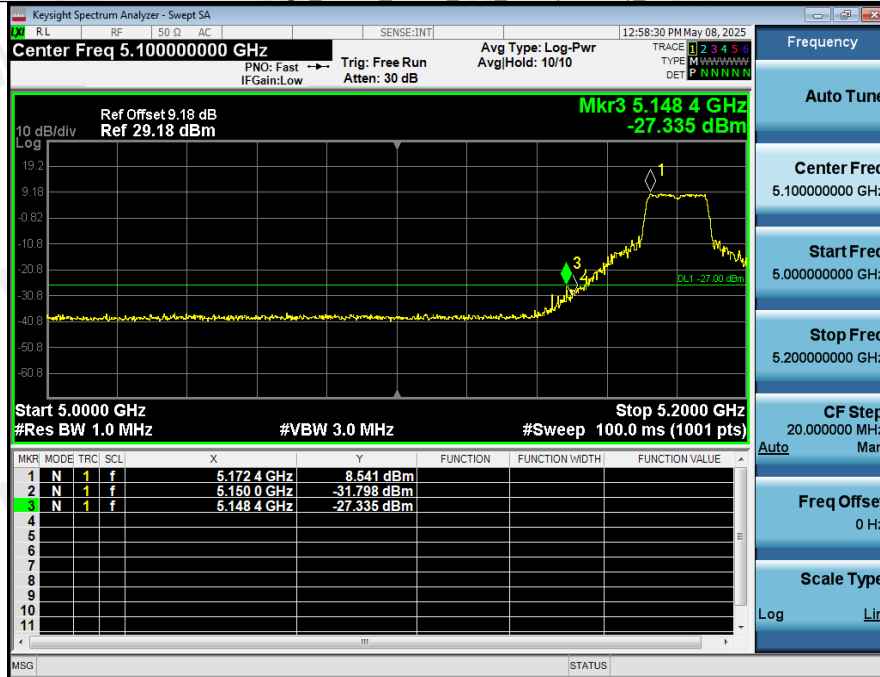
Bandedge_NVNT_ANT1_802_11n(HT20)_5180



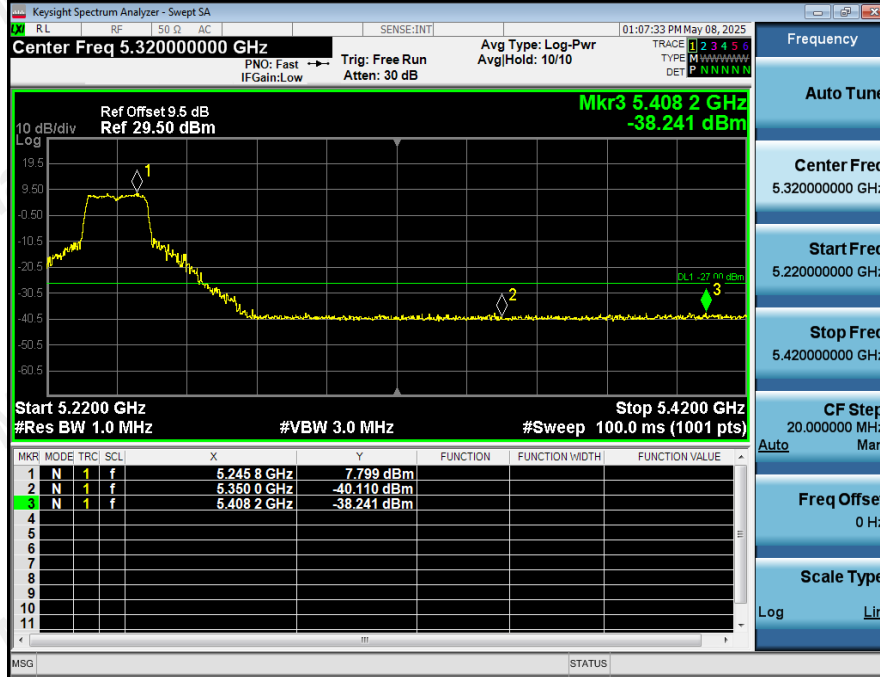
Bandedge_NVNT_ANT1_802_11n(HT20)_5240



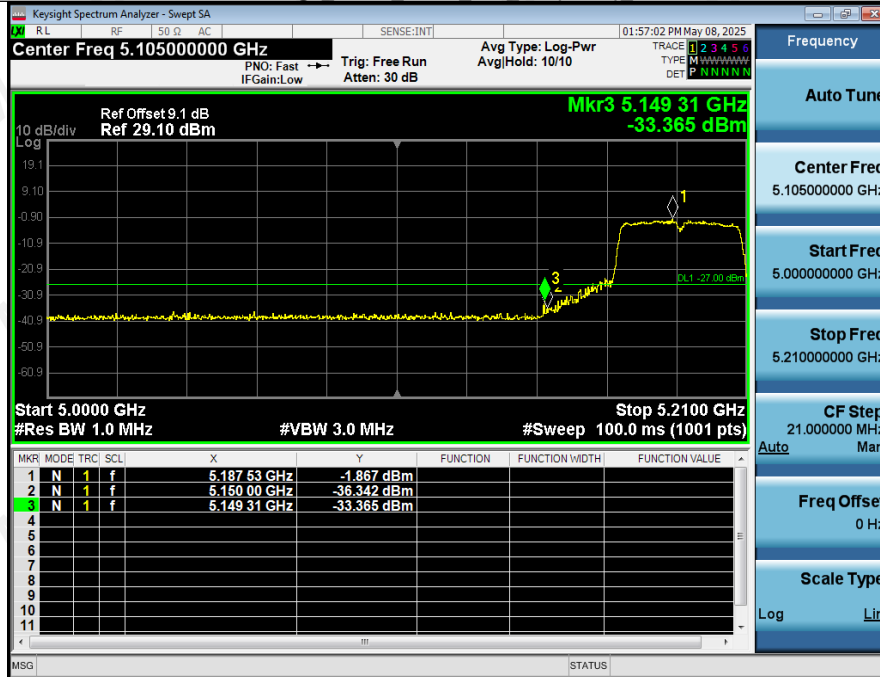
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5180



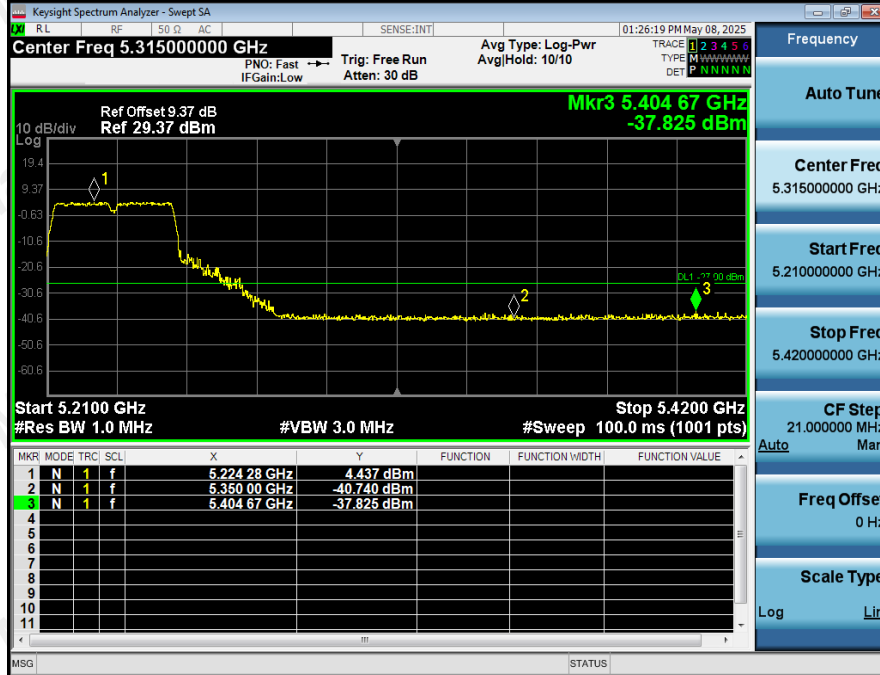
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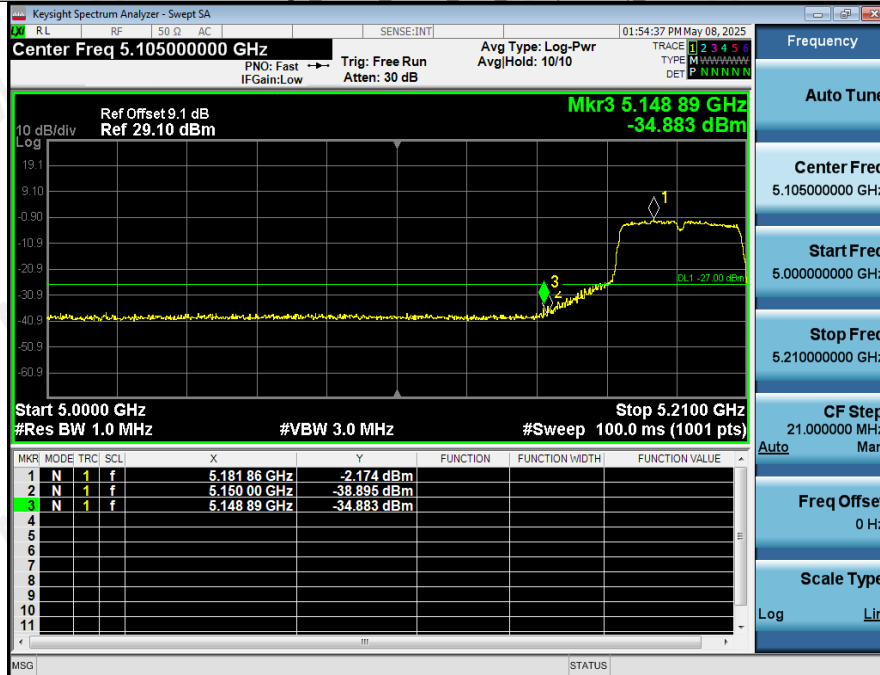
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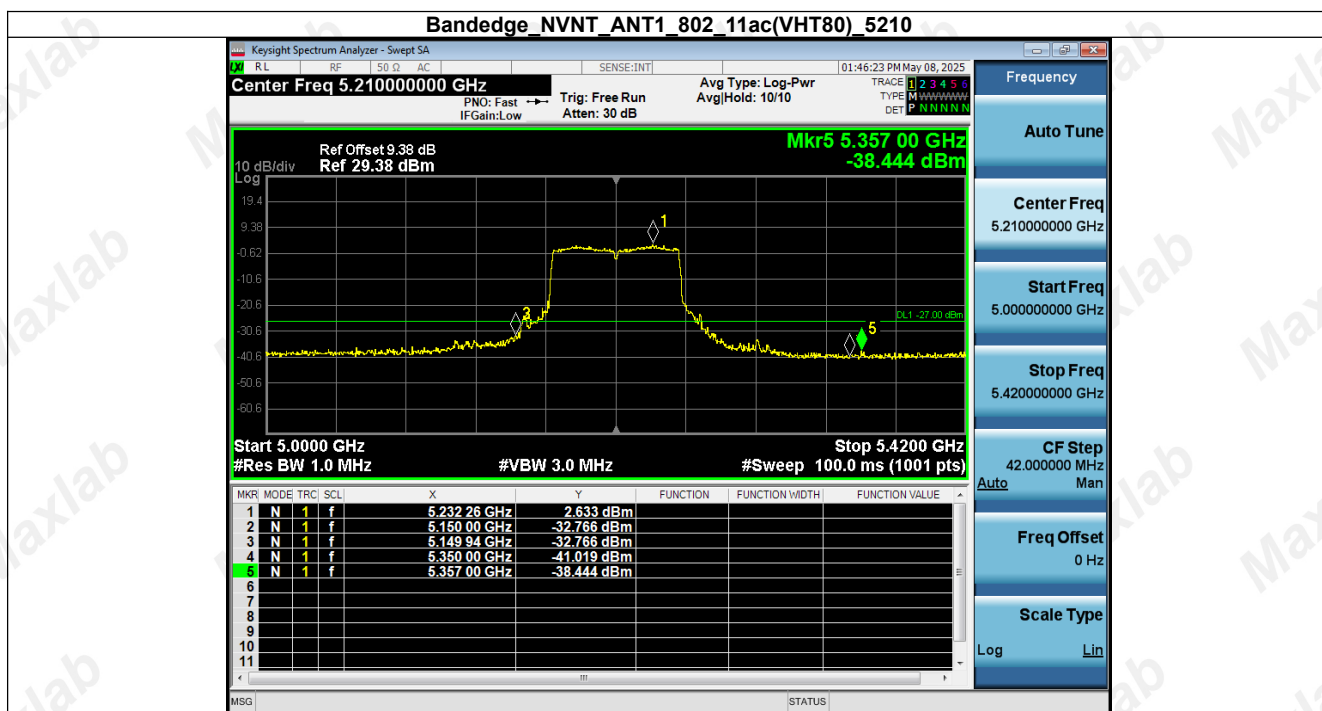
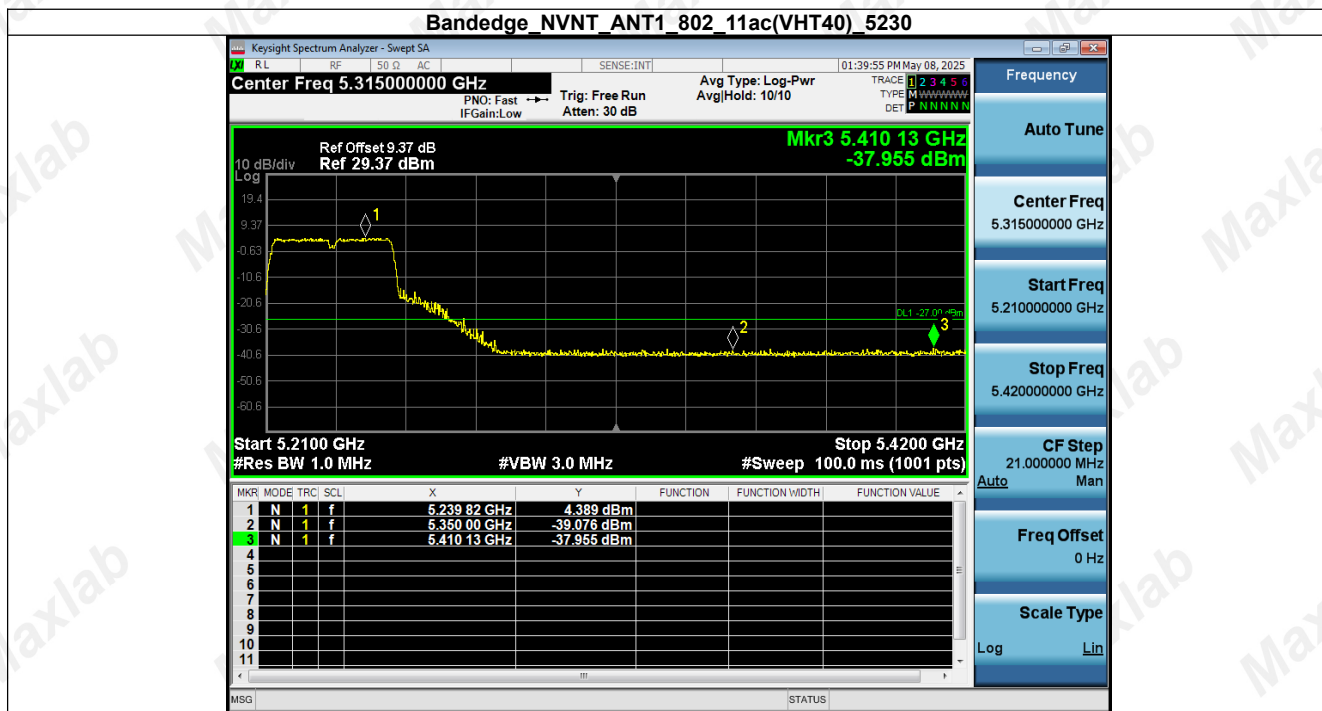


Bandedge_NVNT_ANT1_802_11n(HT40)_5230



Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190



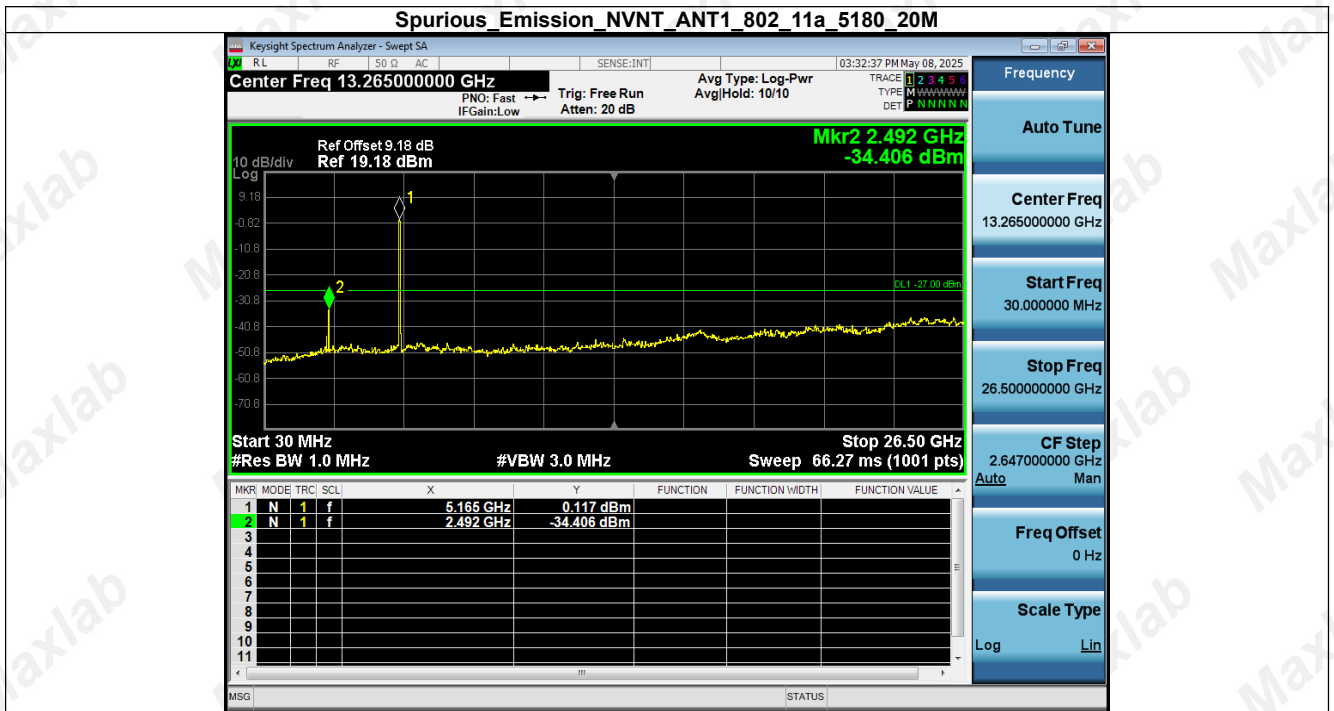


6. Spurious Emission

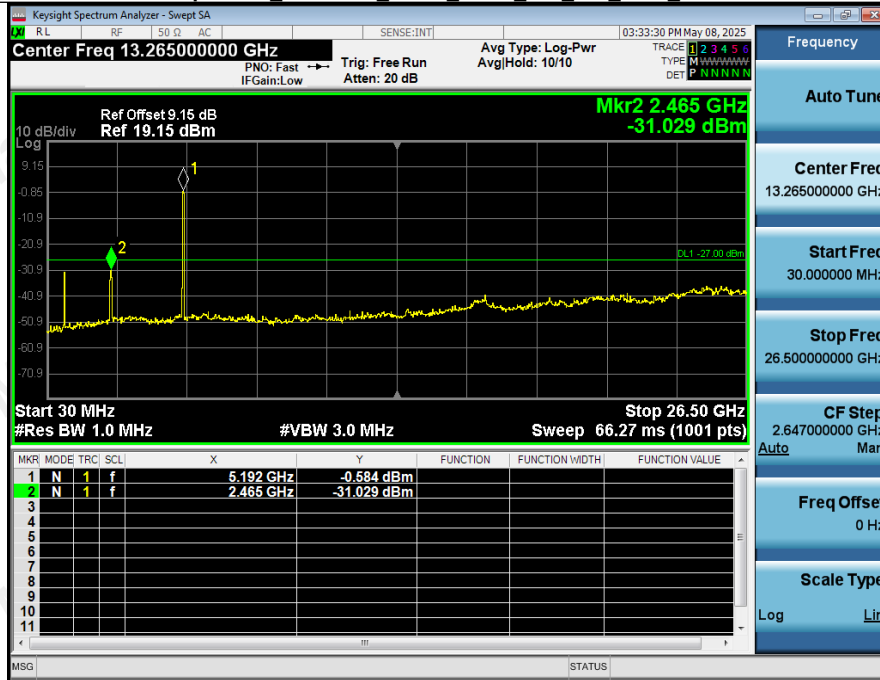
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	2491.71	-34.41	-27	Pass
NVNT	ANT1	802.11a	5200.00	2465.24	-31.03	-27	Pass
NVNT	ANT1	802.11a	5240.00	25600.02	-37.09	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	26155.89	-37.30	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	25070.62	-36.51	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	24594.16	-36.58	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	25520.61	-27.34	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	25864.72	-27.89	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	25652.96	-27.43	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	25017.68	-27.41	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	718.22	-34.12	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	2412.30	-36.10	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	2412.30	-35.40	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	1724.08	-30.29	-27	Pass

Note:1. The antenna gain is compensated in the test data.

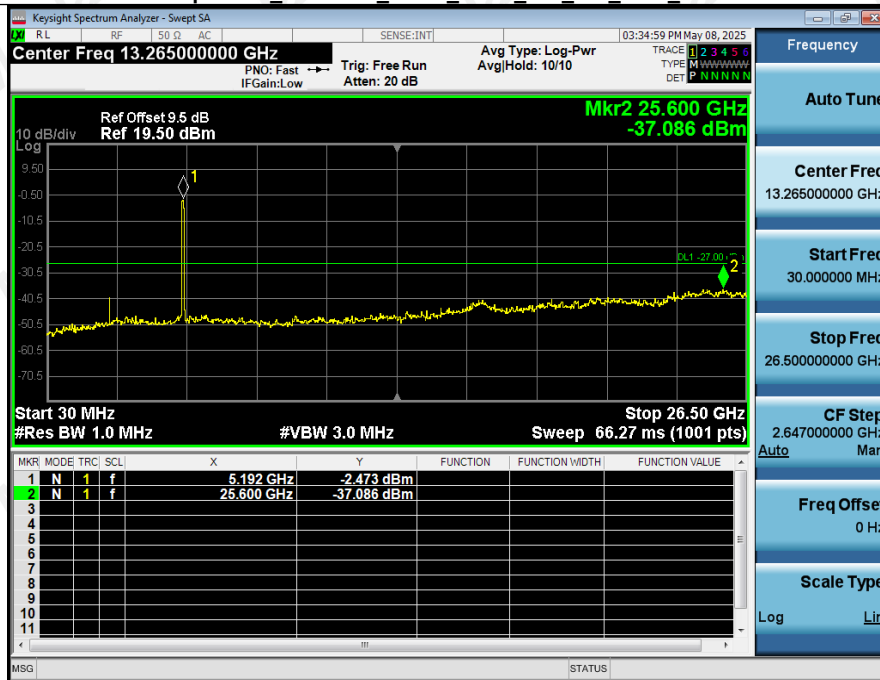
2.26.5GHz-40GHz the Spurious level margin is the largest, so the test data only reflects 30MHz-26.5GHz



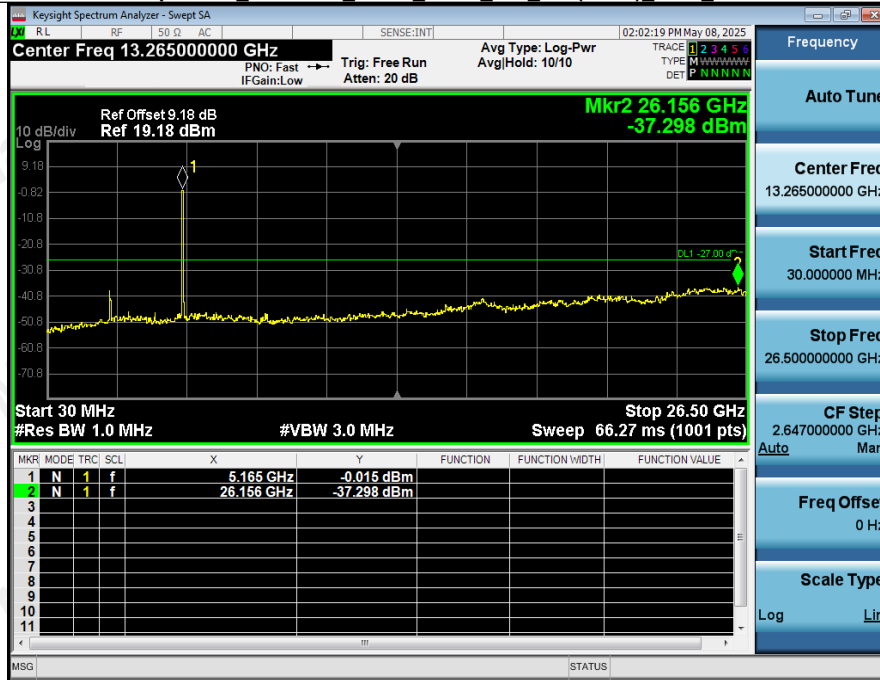
Spurious Emission NVNT_ANT1_802_11a_5200_20M



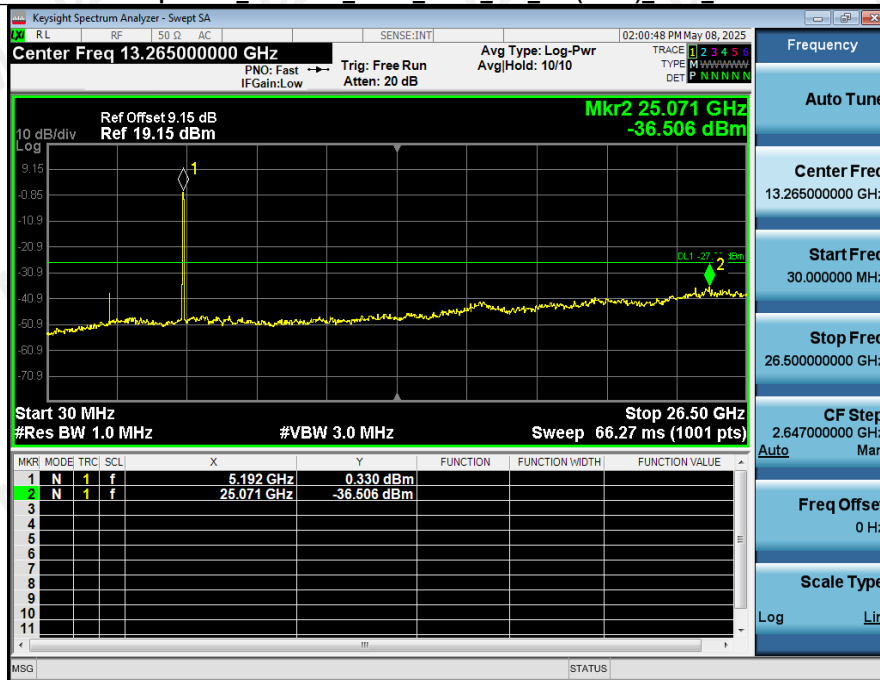
Spurious Emission NVNT_ANT1_802_11a_5240_20M



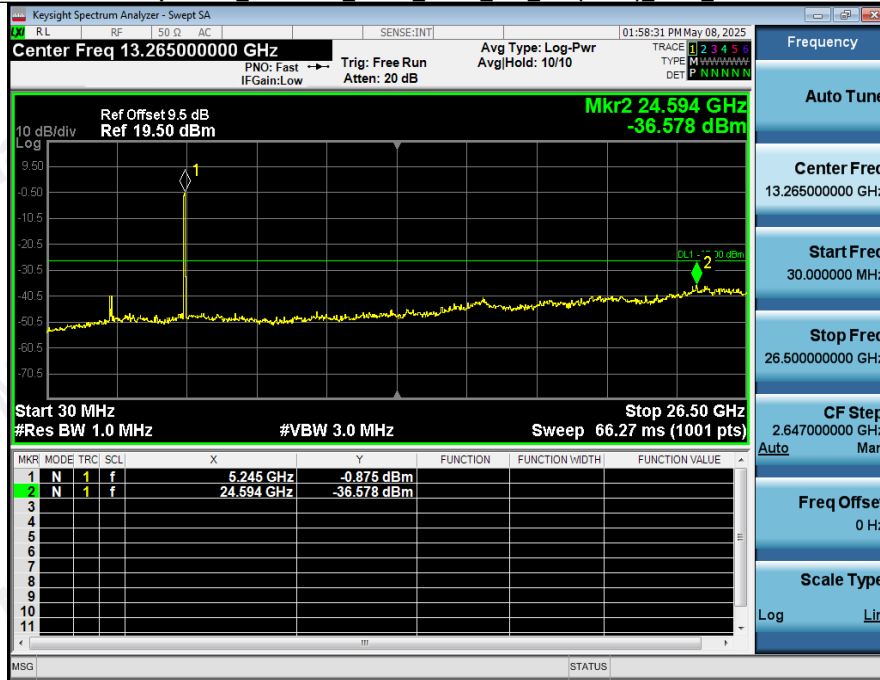
Spurious Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



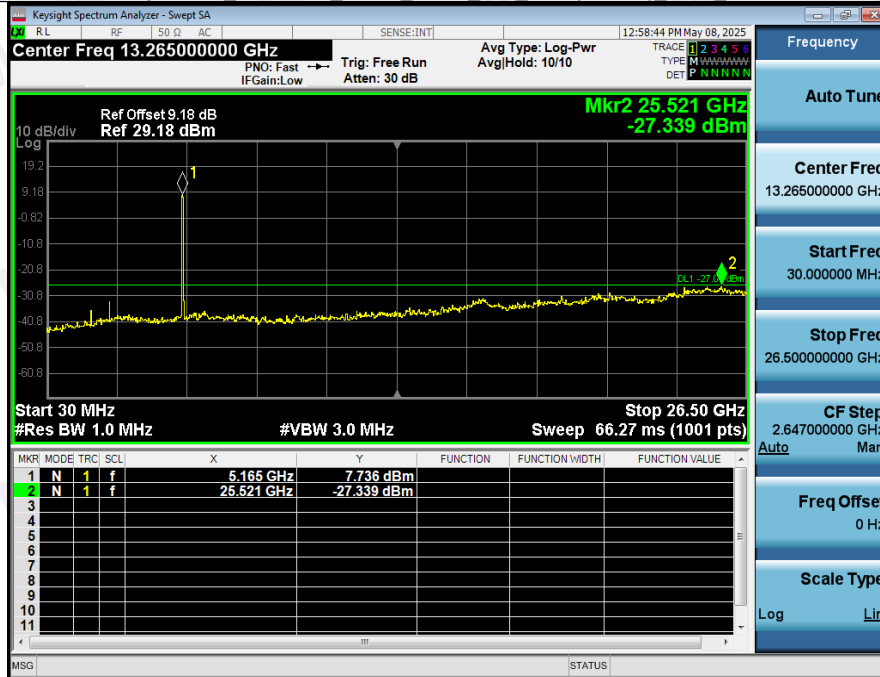
Spurious Emission_NVNT_ANT1_802_11n(HT20)_5200_20M

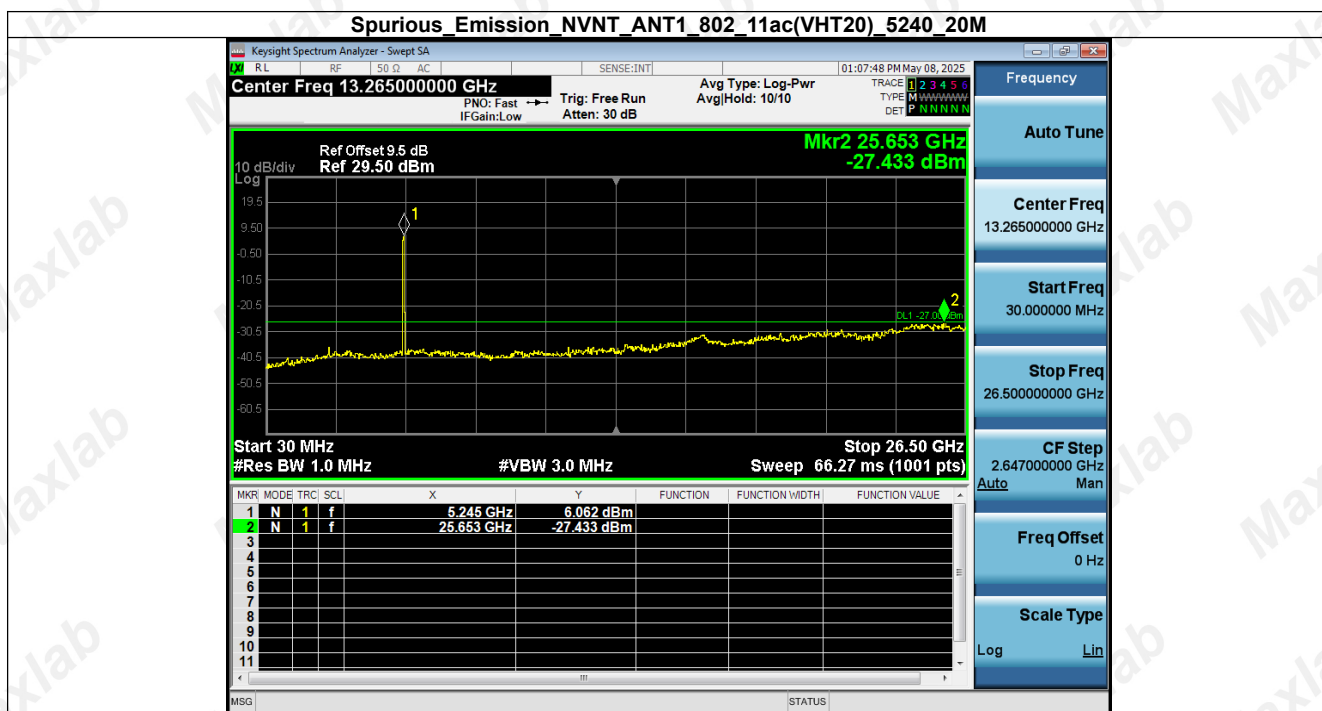
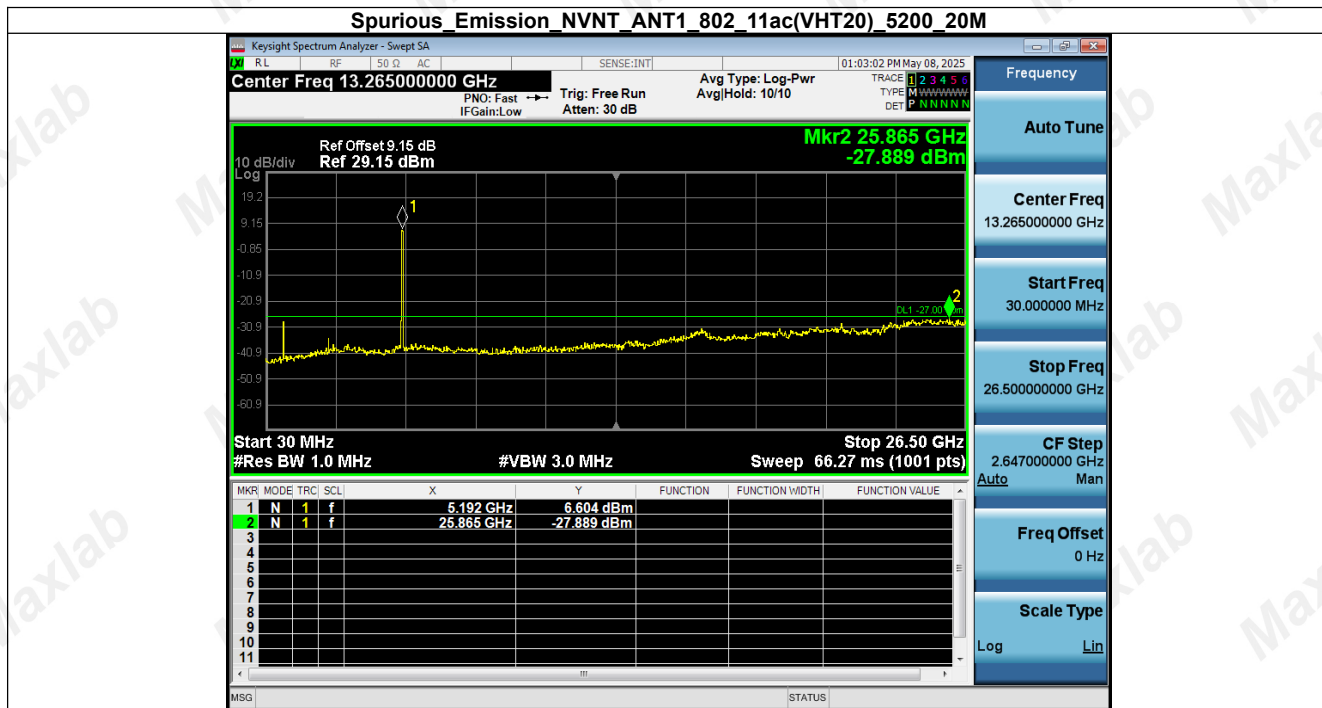


Spurious Emission NVNT_ANT1_802_11n(HT20)_5240_20M

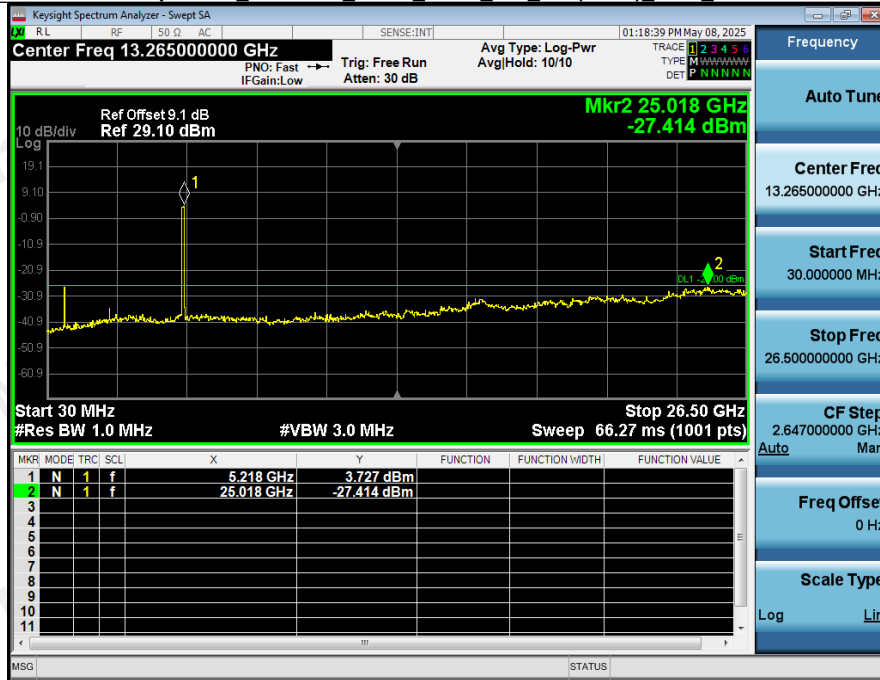


Spurious Emission NVNT_ANT1_802_11ac(VHT20)_5180_20M

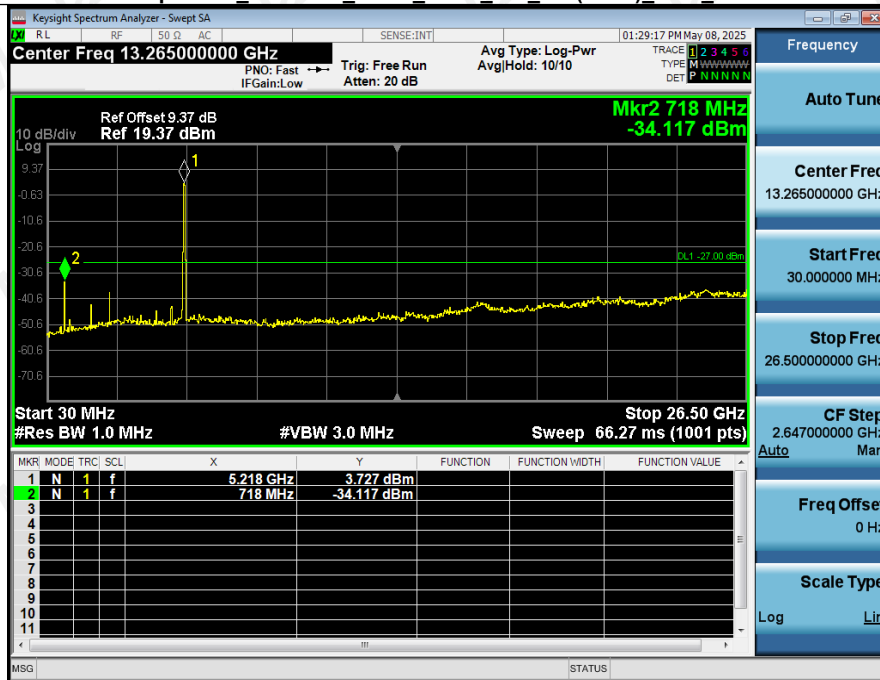


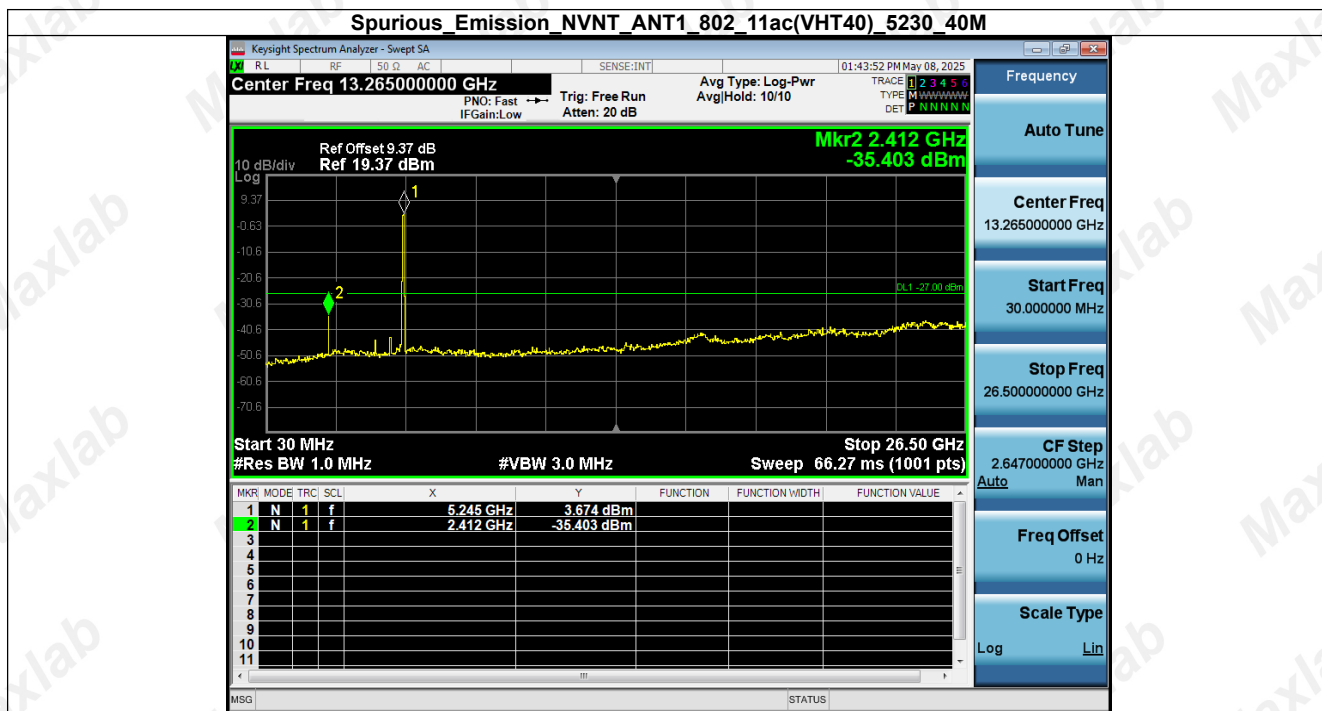
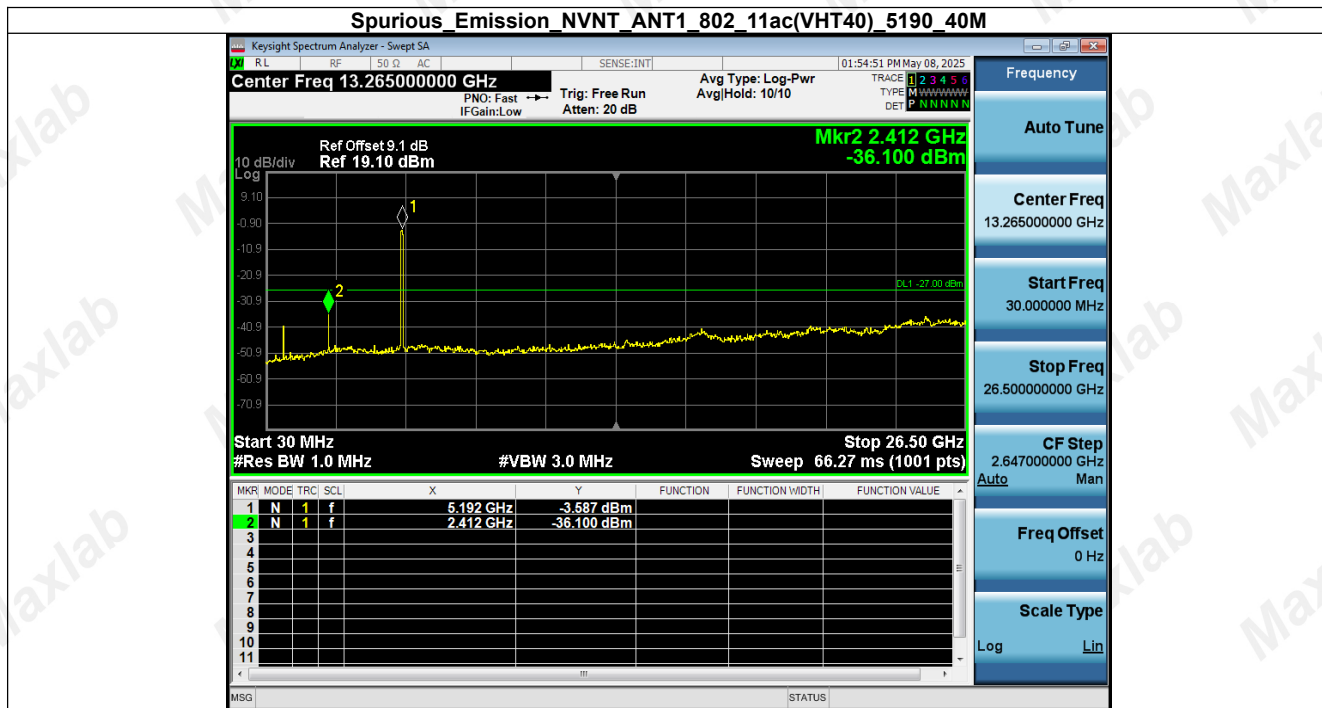


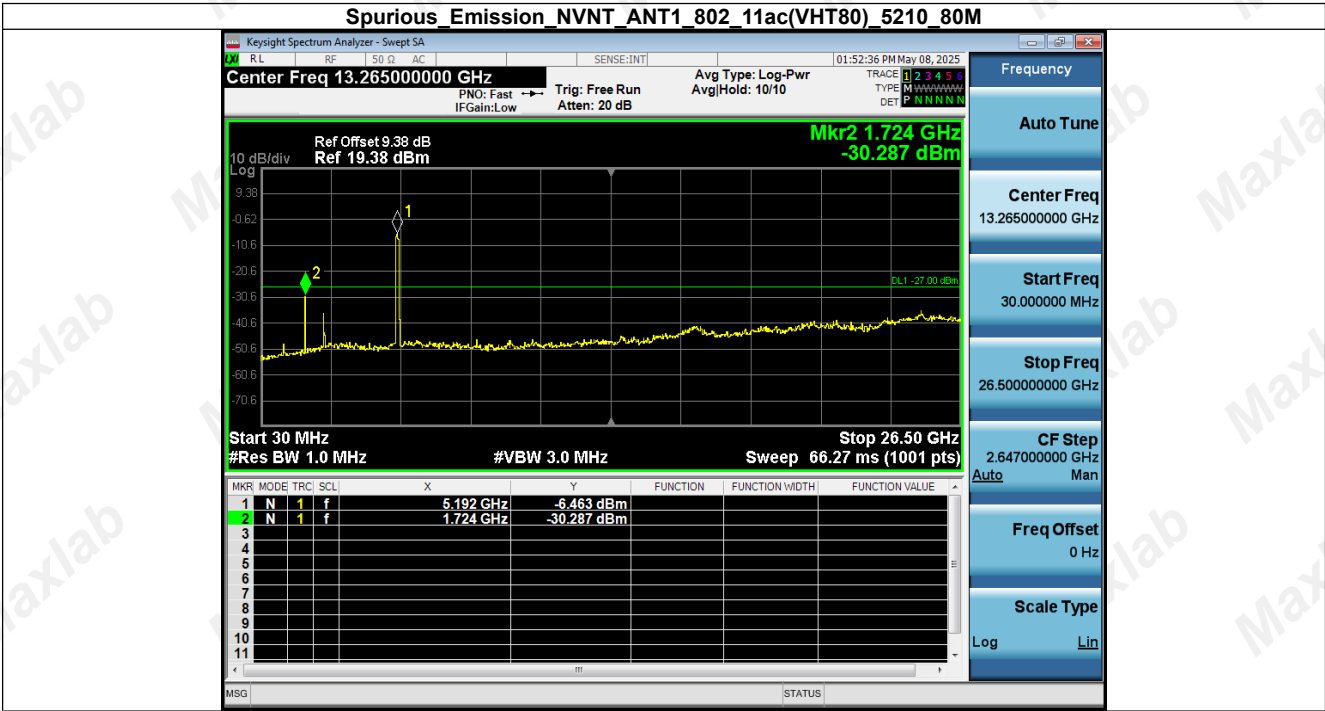
Spurious Emission_NVNT_ANT1_802_11n(HT40)_5190_40M



Spurious Emission_NVNT_ANT1_802_11n(HT40)_5230_40M







7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&&3.80V	ANT1	802.11a	5180.00	5180.010	5171.332	5188.688	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5180.00	5180.030	5171.620	5188.440	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5180.00	5180.030	5171.776	5188.284	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5180.036	5171.868	5188.204	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5180.00	5180.036	5171.940	5188.132	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5180.00	5180.038	5171.996	5188.080	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5180.00	5180.032	5172.048	5188.016	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5180.00	5180.038	5172.096	5187.980	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5180.00	5180.026	5172.136	5187.916	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5180.026	5172.180	5187.872	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5180.00	5180.036	5172.220	5187.852	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11a	5200.00	5199.982	5191.320	5208.644	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5200.00	5200.006	5191.612	5208.400	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5200.00	5200.022	5191.768	5208.276	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.030	5191.860	5208.200	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5200.00	5200.020	5191.924	5208.116	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5200.00	5200.024	5191.988	5208.060	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5200.00	5200.032	5192.044	5208.020	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5200.00	5200.036	5192.092	5207.980	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5200.00	5200.026	5192.140	5207.912	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.038	5192.192	5207.884	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5200.00	5200.048	5192.240	5207.856	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11a	5240.00	5240.004	5231.356	5248.652	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5240.00	5240.022	5231.632	5248.412	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5240.00	5240.040	5231.776	5248.304	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5240.022	5231.868	5248.176	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5240.00	5240.024	5231.924	5248.124	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5240.00	5240.030	5231.984	5248.076	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5240.00	5240.030	5232.036	5248.024	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5240.00	5240.026	5232.084	5247.968	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5240.00	5240.030	5232.136	5247.924	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5240.034	5232.196	5247.872	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5240.00	5240.046	5232.240	5247.852	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.040	5170.924	5189.156	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.026	5171.152	5188.900	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.028	5171.272	5188.784	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.040	5171.368	5188.712	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.038	5171.440	5188.636	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.026	5171.500	5188.552	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.036	5171.564	5188.508	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.028	5171.632	5188.424	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5180.00	5180.050	5171.688	5188.412	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.032	5171.740	5188.324	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5180.00	5180.032	5171.788	5188.276	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.038	5190.828	5209.248	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.016	5191.112	5208.920	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.024	5191.248	5208.800	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.328	5208.712	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.030	5191.404	5208.656	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.032	5191.468	5208.596	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.042	5191.544	5208.540	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.032	5191.600	5208.464	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5200.00	5200.032	5191.644	5208.420	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.024	5191.692	5208.356	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5200.00	5200.028	5191.740	5208.316	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.062	5230.896	5249.228	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.030	5231.140	5248.920	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.028	5231.256	5248.800	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.028	5231.344	5248.712	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.028	5231.416	5248.640	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.016	5231.476	5248.556	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.032	5231.532	5248.532	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.026	5231.588	5248.464	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5240.00	5240.018	5231.636	5248.400	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.010	5231.676	5248.344	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5240.00	5240.002	5231.720	5248.284	5150~5250	Pass

55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.014	5170.892	5189.136	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.140	5188.920	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.268	5188.792	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5171.344	5188.720	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.024	5171.420	5188.628	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.026	5171.492	5188.560	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.024	5171.548	5188.500	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.024	5171.604	5188.444	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5180.00	5180.024	5171.664	5188.384	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.020	5171.716	5188.324	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.764	5188.296	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.016	5190.852	5209.180	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.036	5191.144	5208.928	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.036	5191.264	5208.808	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.040	5191.352	5208.728	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.042	5191.432	5208.652	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.042	5191.500	5208.584	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.040	5191.564	5208.516	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.044	5191.616	5208.472	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5200.00	5200.038	5191.676	5208.400	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.046	5191.740	5208.352	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5200.00	5200.038	5191.792	5208.284	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.014	5230.856	5249.172	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.018	5231.124	5248.912	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.034	5231.260	5248.808	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.028	5231.340	5248.716	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.030	5231.424	5248.636	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.032	5231.492	5248.572	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.024	5231.552	5248.496	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.032	5231.596	5248.468	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5240.00	5240.030	5231.640	5248.420	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.022	5231.688	5248.356	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5240.00	5240.016	5231.736	5248.296	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.088	5171.760	5208.416	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.048	5171.952	5208.144	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.088	5172.112	5208.064	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.064	5172.208	5207.920	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.072	5172.344	5207.800	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.064	5172.440	5207.688	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.084	5172.536	5207.632	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.060	5172.616	5207.504	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5190.00	5190.048	5172.688	5207.408	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.056	5172.776	5207.336	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5190.00	5190.068	5172.856	5207.280	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.072	5211.768	5248.376	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.060	5211.952	5248.168	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.072	5212.104	5248.040	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.076	5212.232	5247.920	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.068	5212.328	5247.808	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.104	5212.432	5247.776	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.060	5212.528	5247.592	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.092	5212.608	5247.576	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5230.00	5230.092	5212.688	5247.496	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.060	5212.784	5247.336	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5230.00	5230.100	5212.888	5247.312	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.088	5171.768	5208.408	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.028	5171.912	5208.144	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.048	5172.064	5208.032	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5172.184	5207.928	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.044	5172.280	5207.808	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.060	5172.376	5207.744	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5172.488	5207.624	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.060	5172.568	5207.552	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5172.648	5207.496	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.040	5172.728	5207.352	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5190.00	5190.088	5172.832	5207.344	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.080	5211.752	5248.408	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.072	5211.944	5248.200	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.072	5212.104	5248.040	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.080	5212.224	5247.936	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.076	5212.328	5247.824	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.080	5212.432	5247.728	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.100	5212.552	5247.648	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.092	5212.648	5247.536	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5230.00	5230.112	5212.744	5247.480	5150~5250	Pass

25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.076	5212.832	5247.320	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5230.00	5230.120	5212.944	5247.296	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.132	5172.104	5248.160	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.144	5172.356	5247.932	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.168	5172.584	5247.752	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.144	5172.740	5247.548	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.162	5172.956	5247.368	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.198	5173.148	5247.248	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.162	5173.316	5247.008	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.204	5173.532	5246.876	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT80)	5210.00	5210.174	5173.724	5246.624	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.240	5173.904	5246.576	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT80)	5210.00	5210.216	5174.108	5246.324	5150~5250	Pass