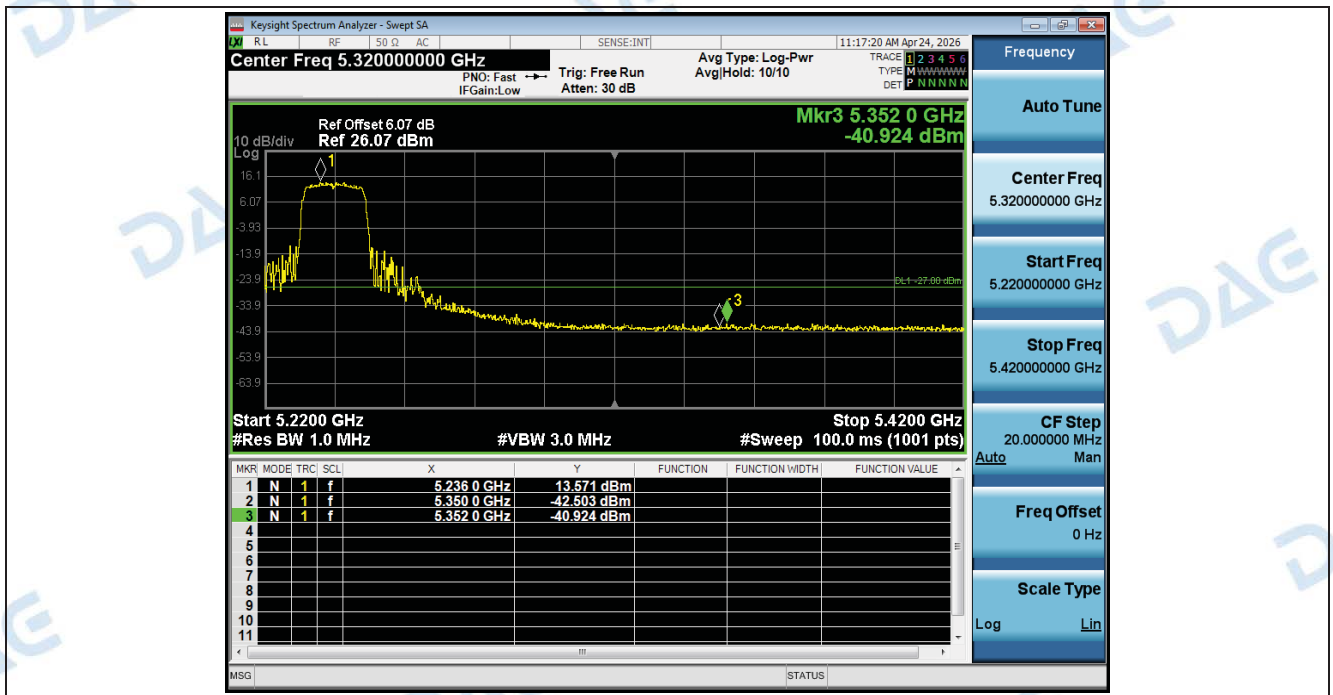
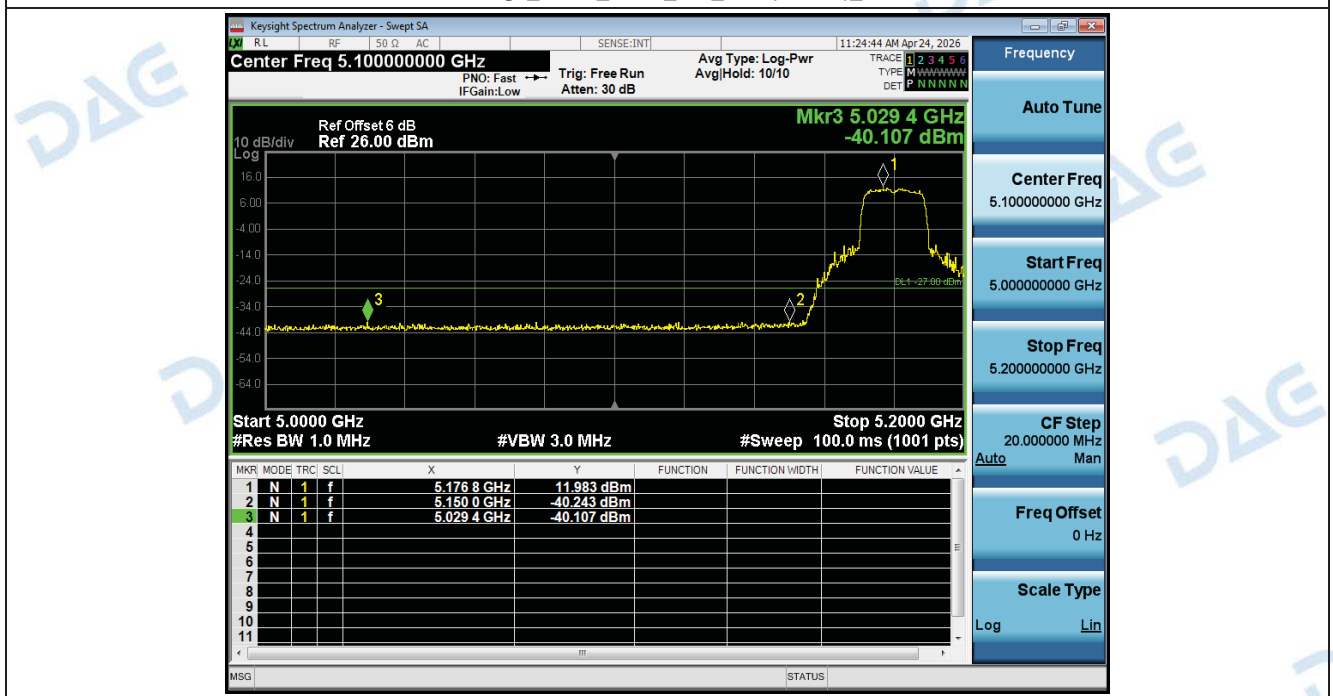
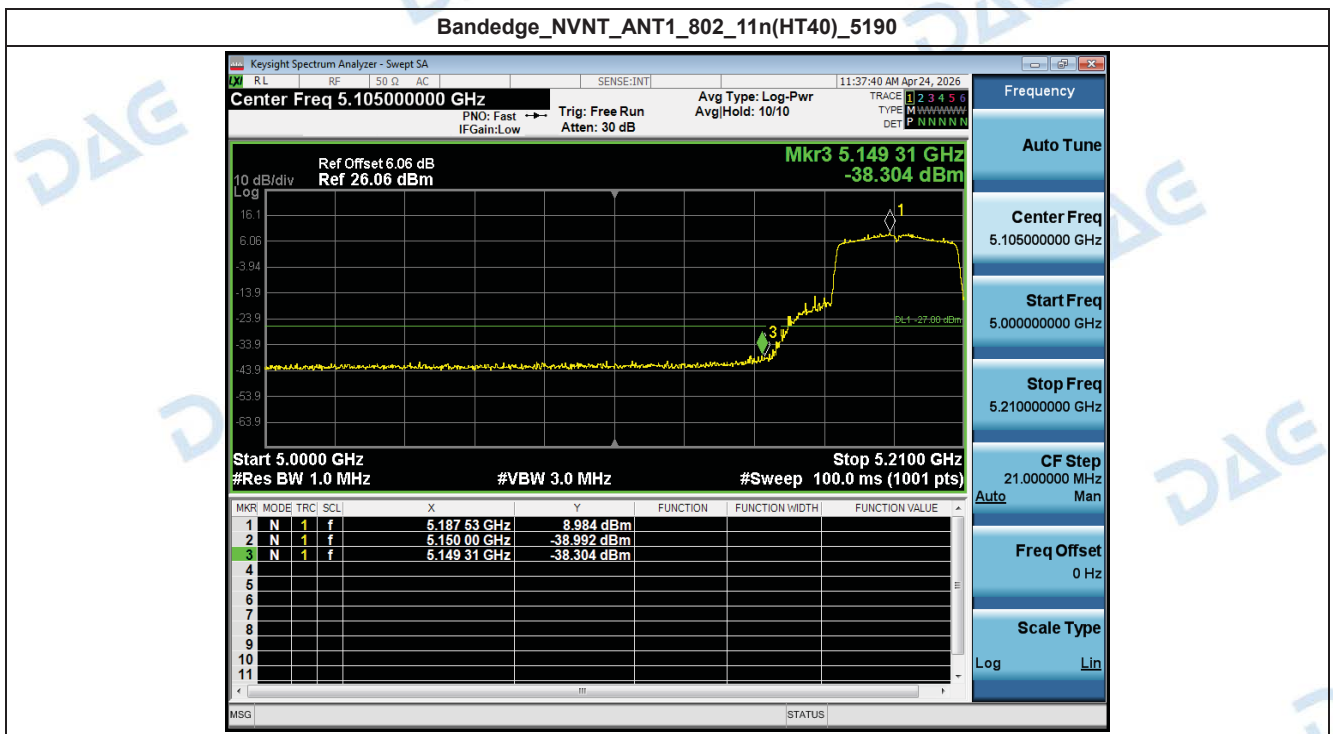
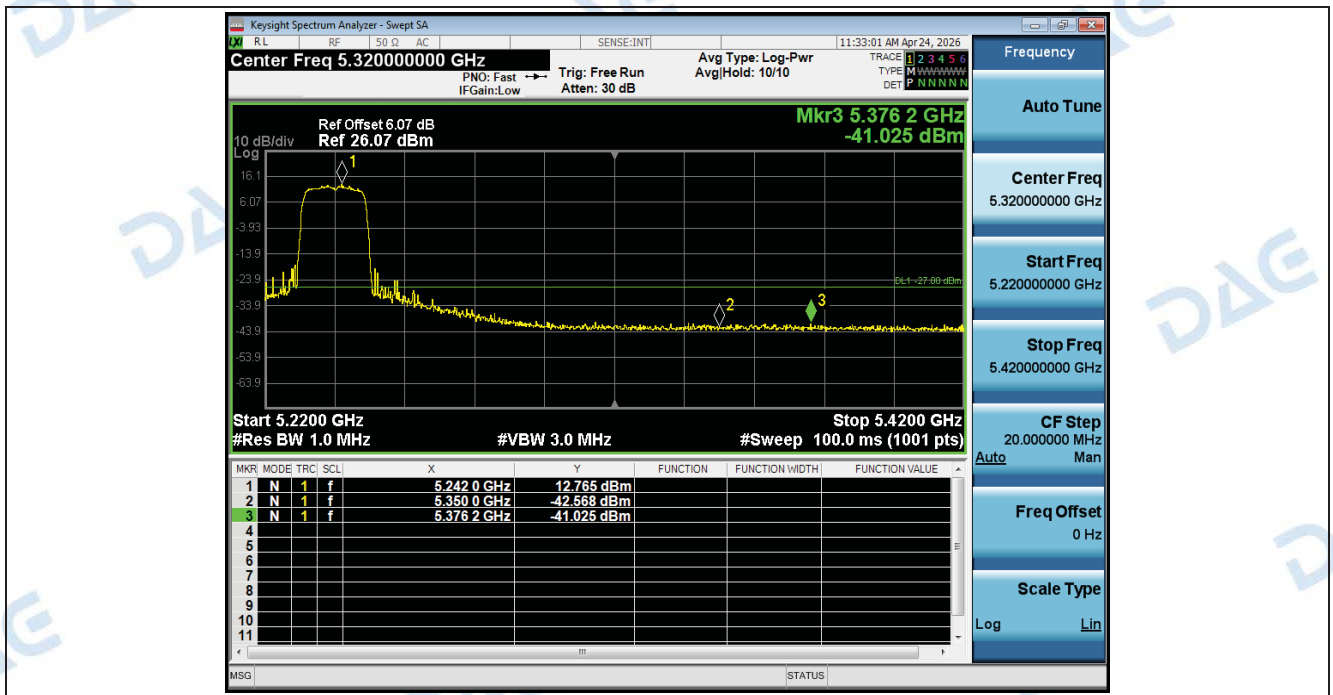




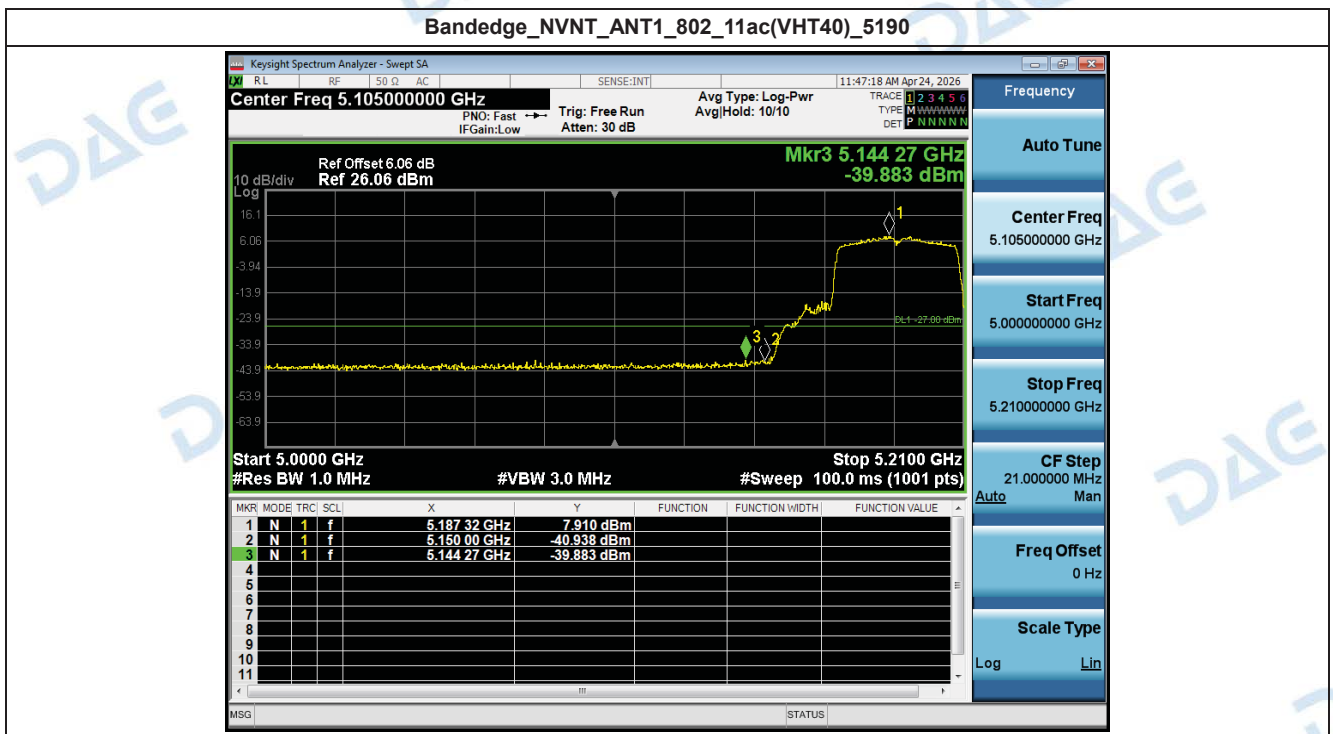
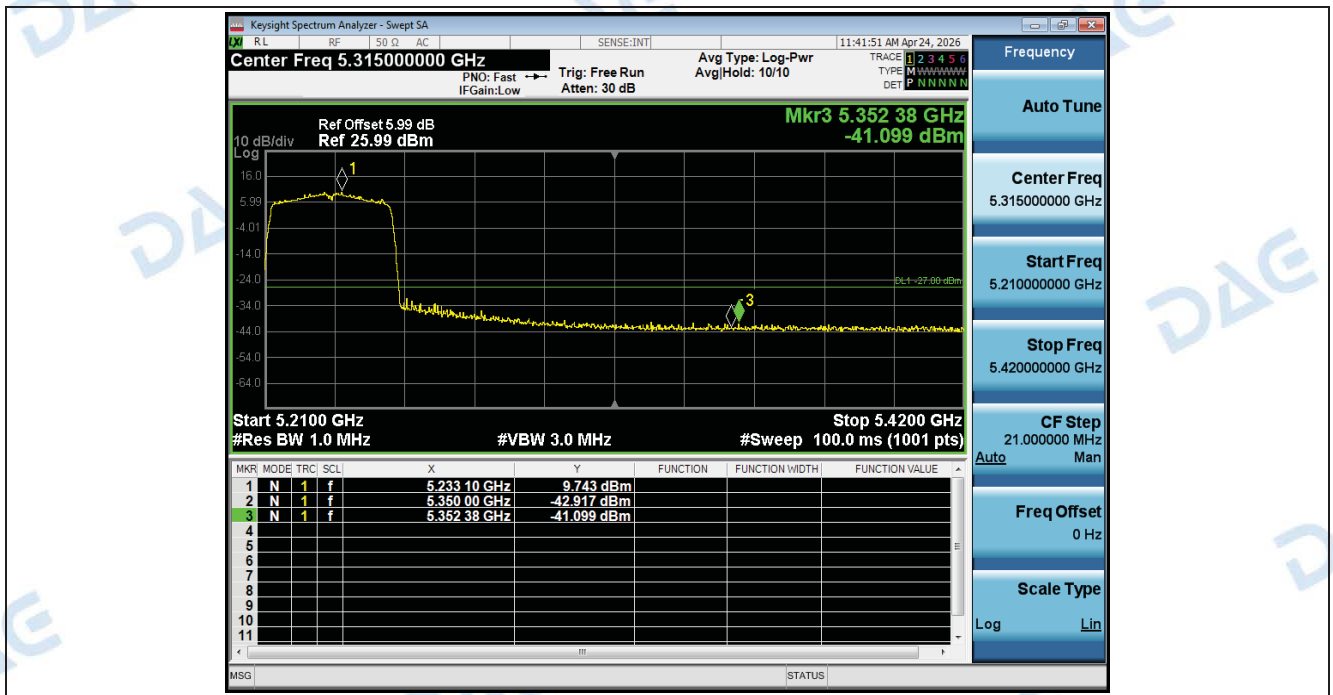
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5180



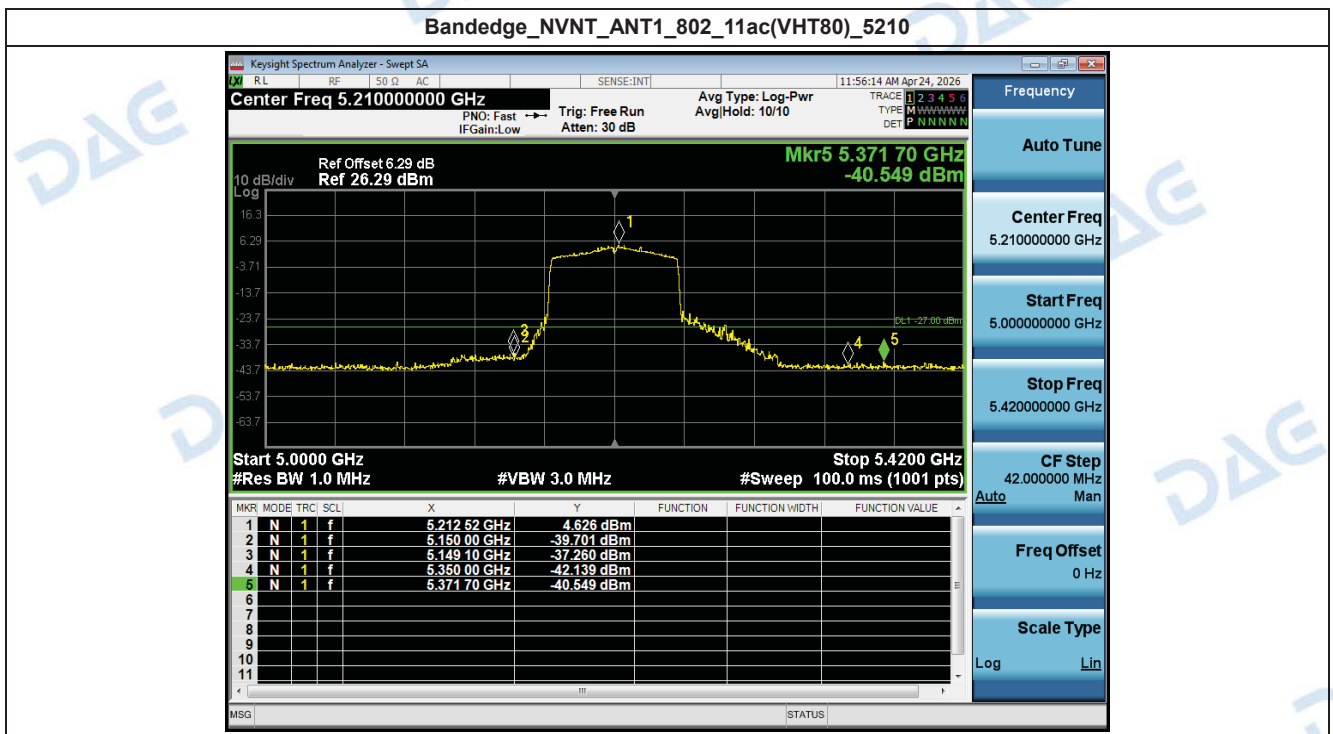
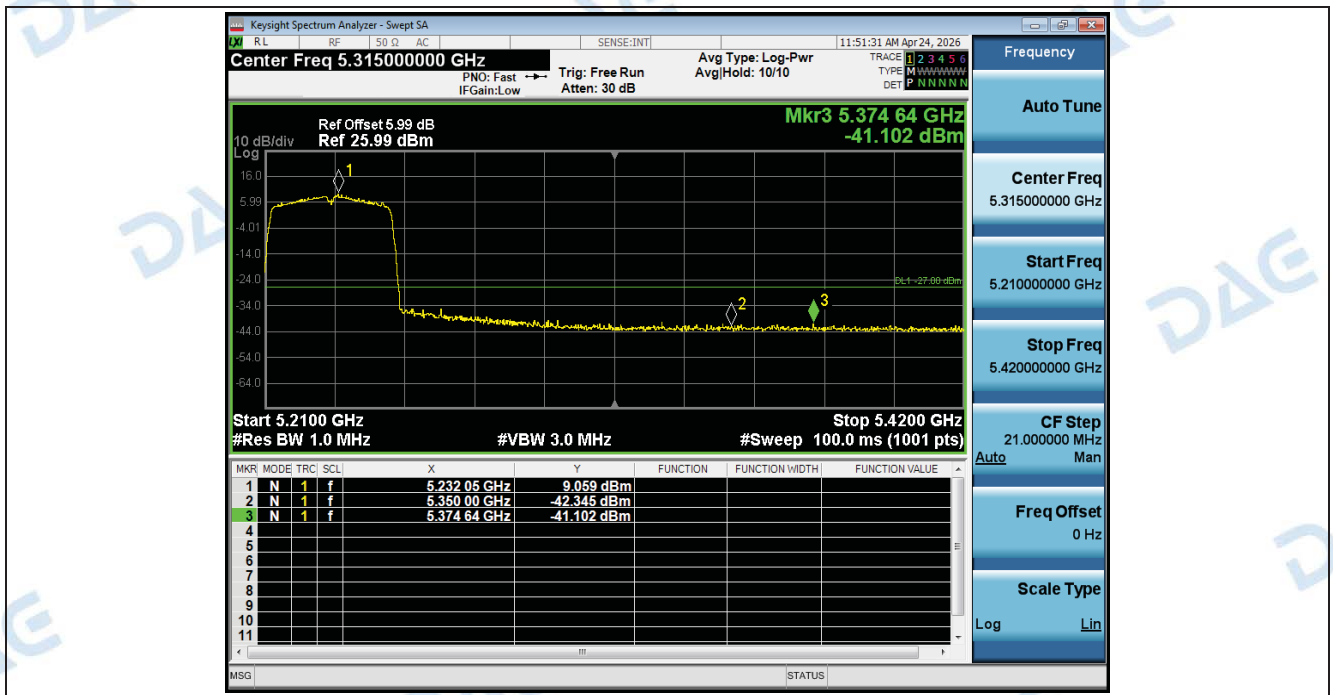
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5240



Bandedge_NVNT_ANT1_802_11n(HT40)_5230



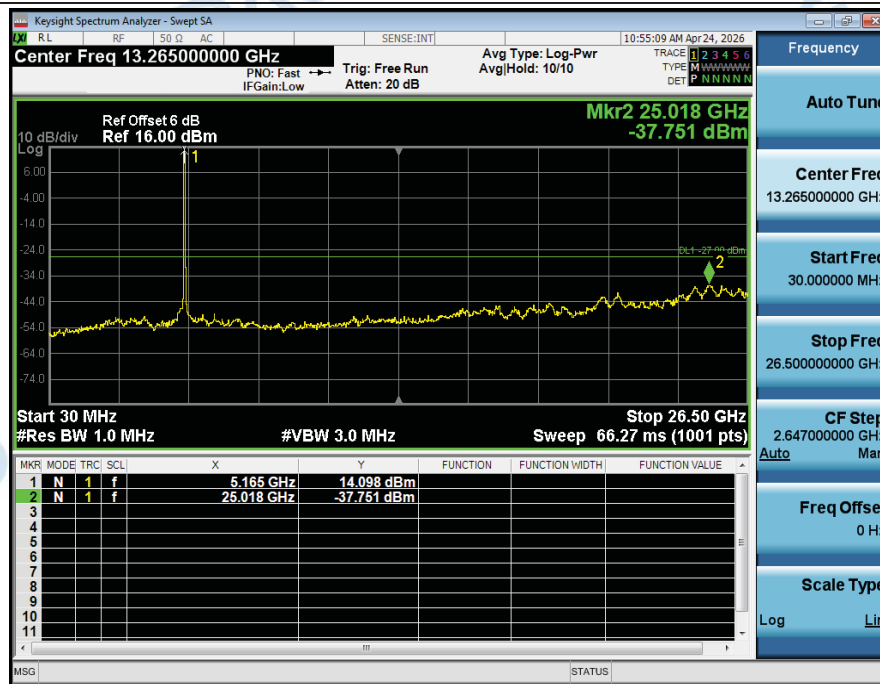
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5230



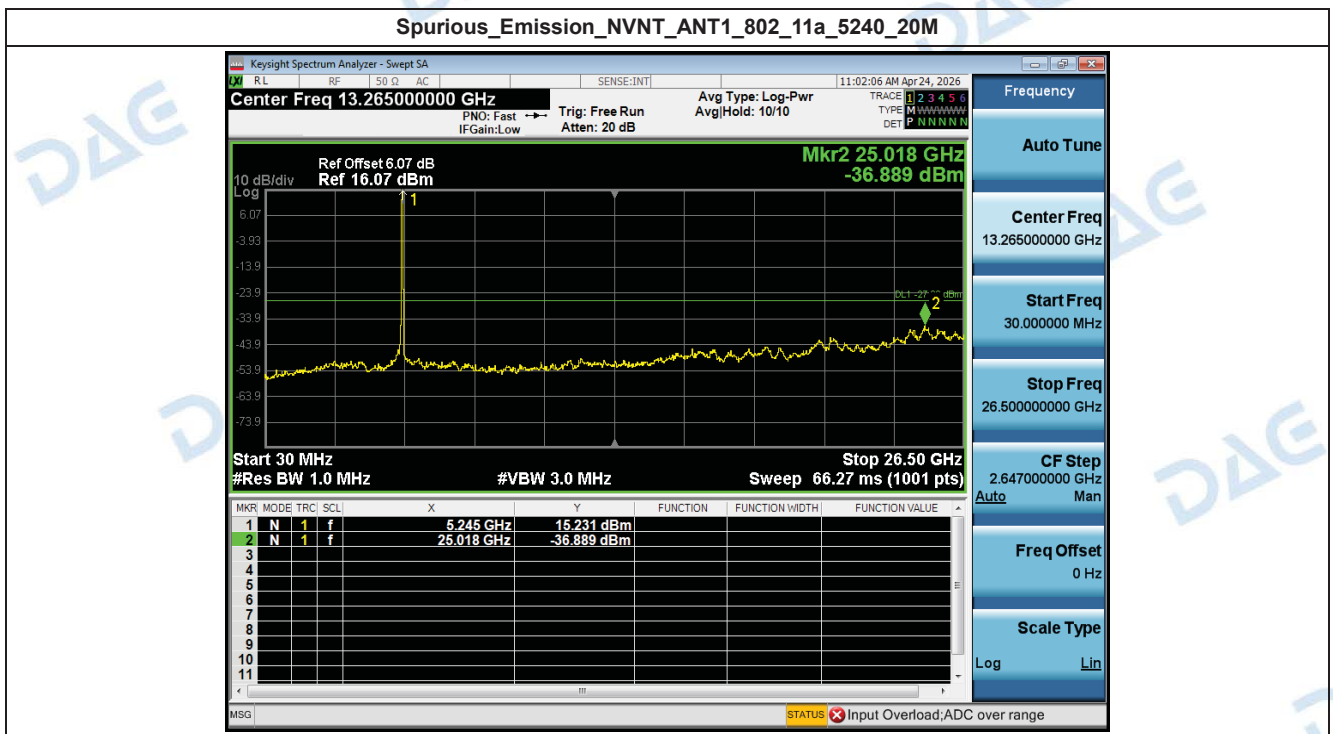
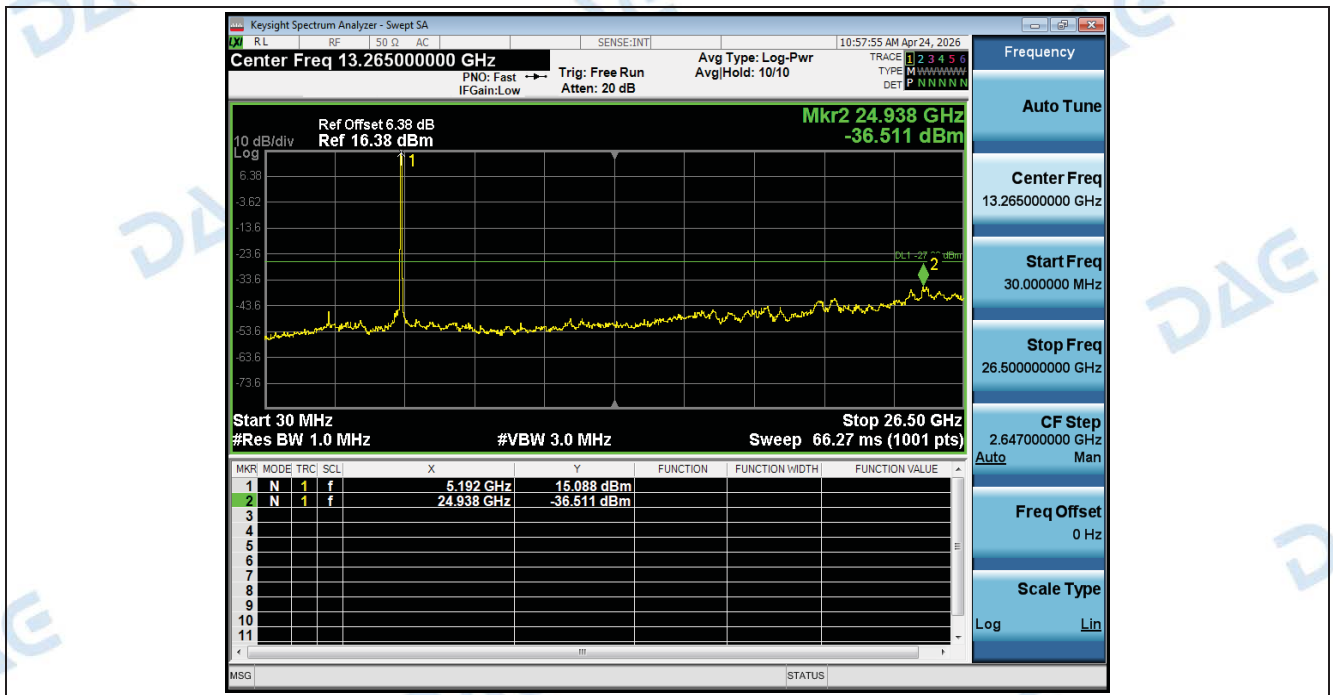
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	25017.68	-37.75	-27	Pass
NVNT	ANT1	802.11a	5200.00	24938.27	-36.51	-27	Pass
NVNT	ANT1	802.11a	5240.00	25017.68	-36.89	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	24514.75	-37.62	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	24991.21	-37.35	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	25017.68	-37.49	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	24991.21	-36.39	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	25044.15	-36.49	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	24964.74	-36.38	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	24991.21	-37.48	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	24991.21	-37.19	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	24991.21	-37.30	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	25097.09	-36.93	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	25123.56	-37.49	-27	Pass

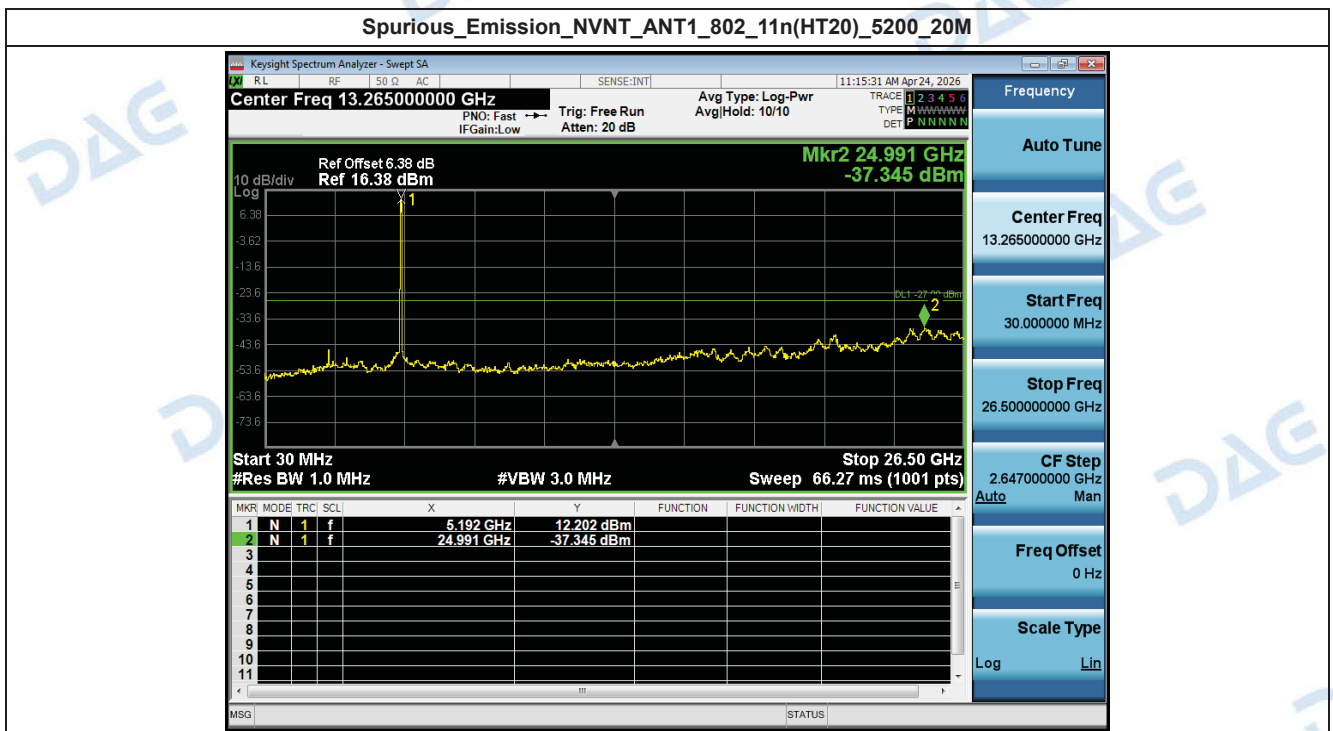
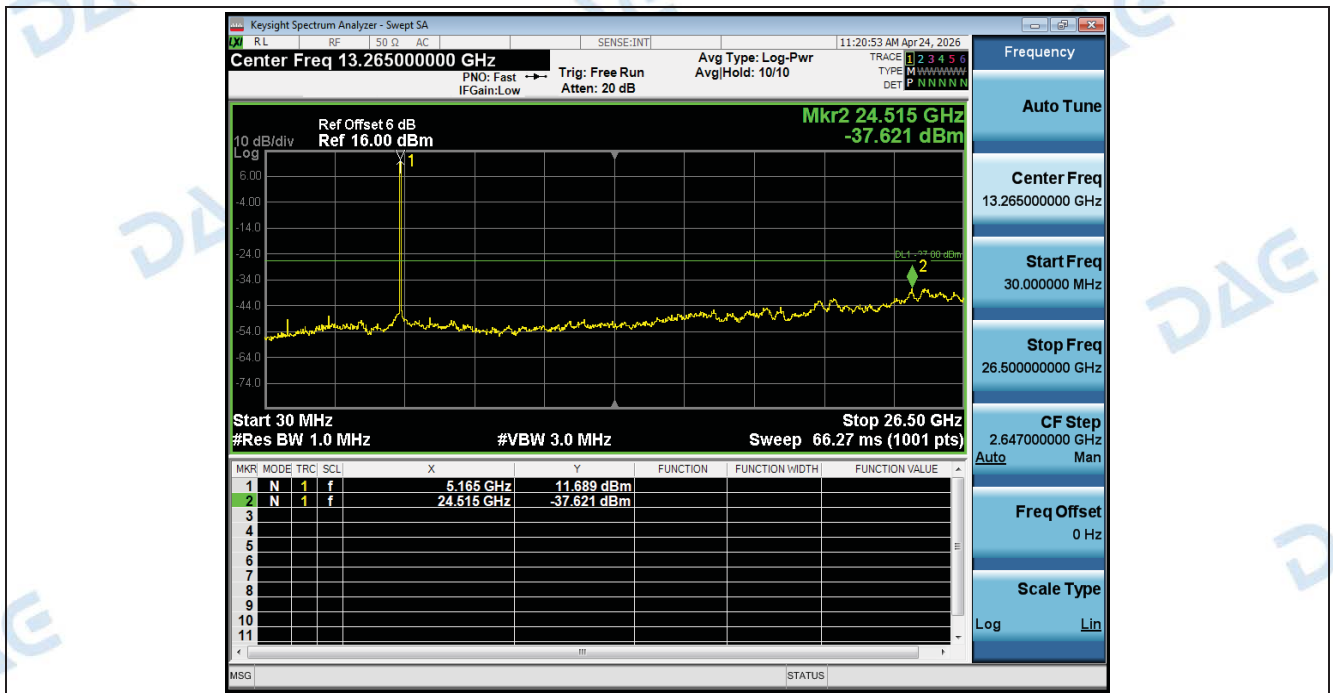
Spurious_Emission_NVNT_ANT1_802_11a_5180_20M



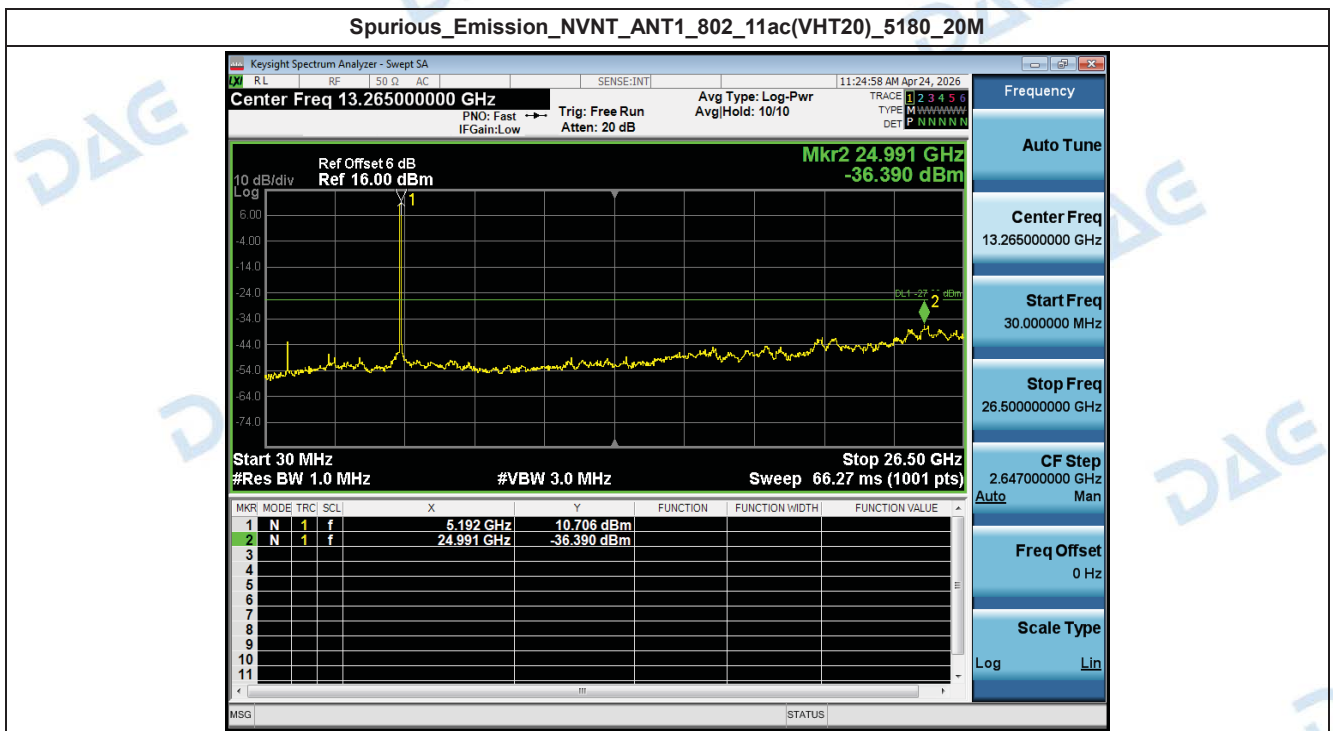
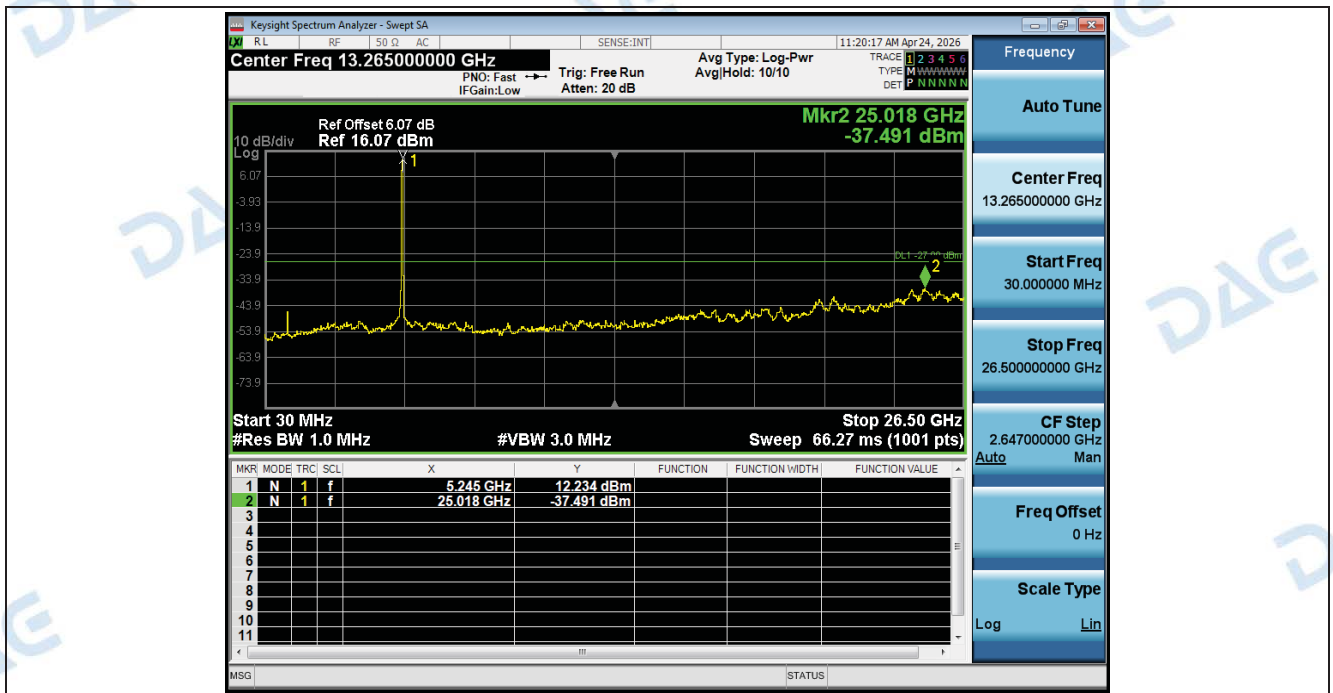
Spurious_Emission_NVNT_ANT1_802_11a_5200_20M



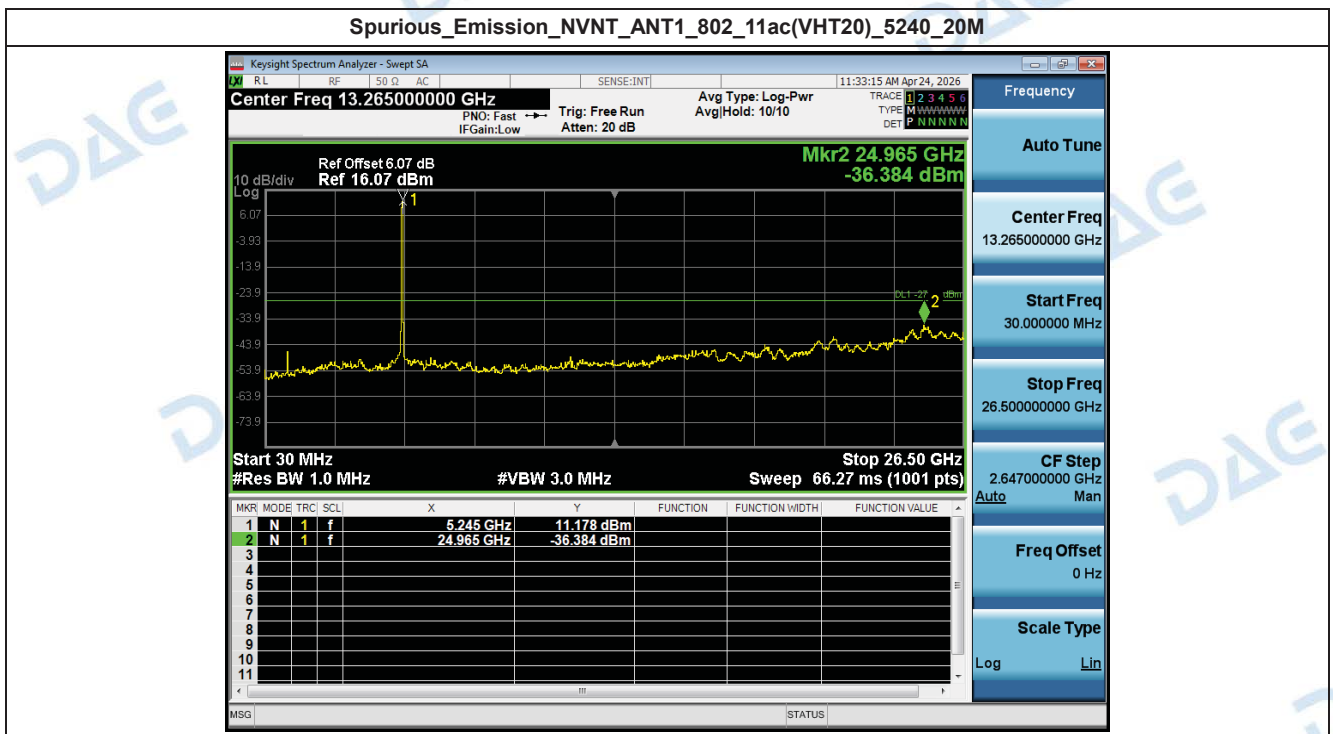
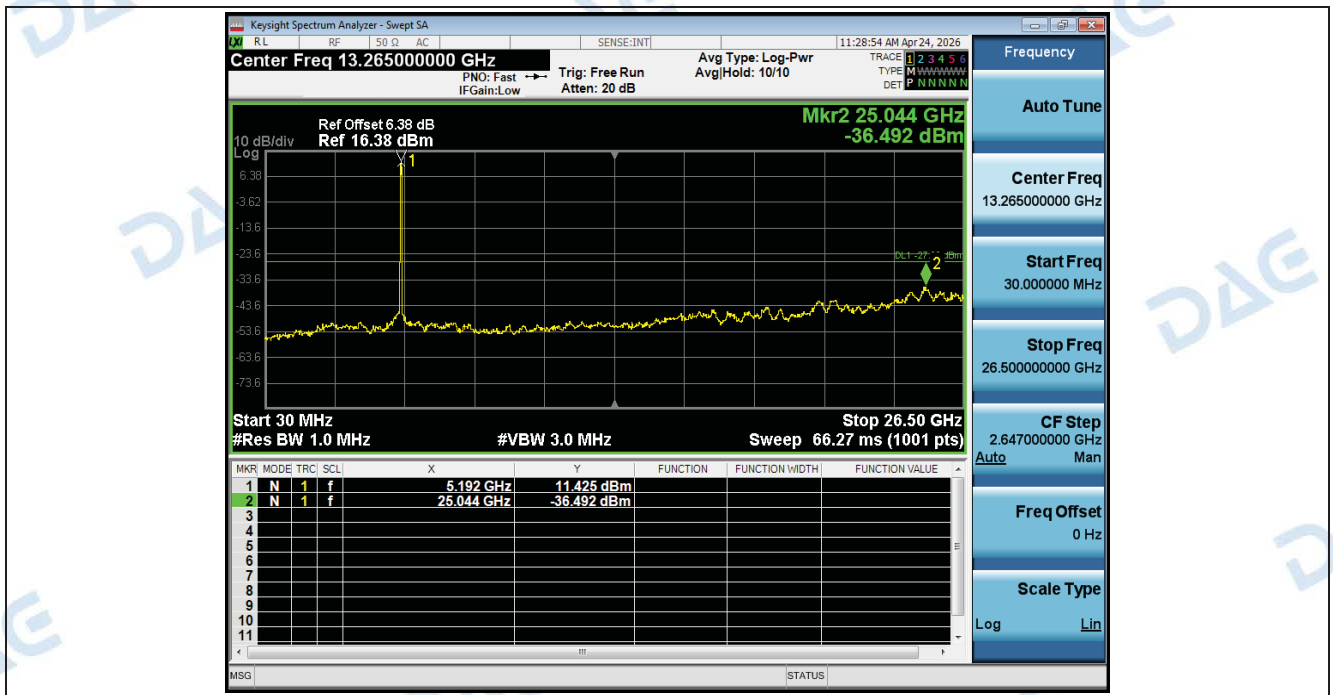
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



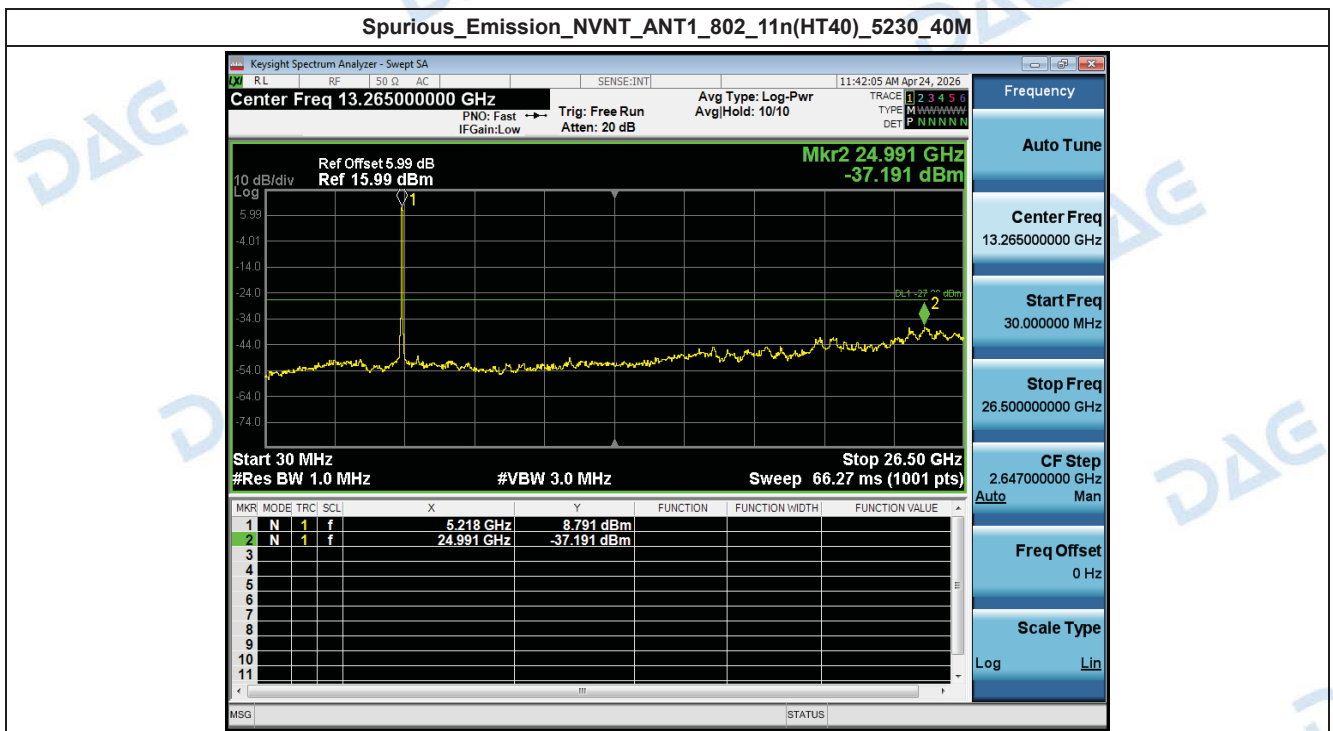
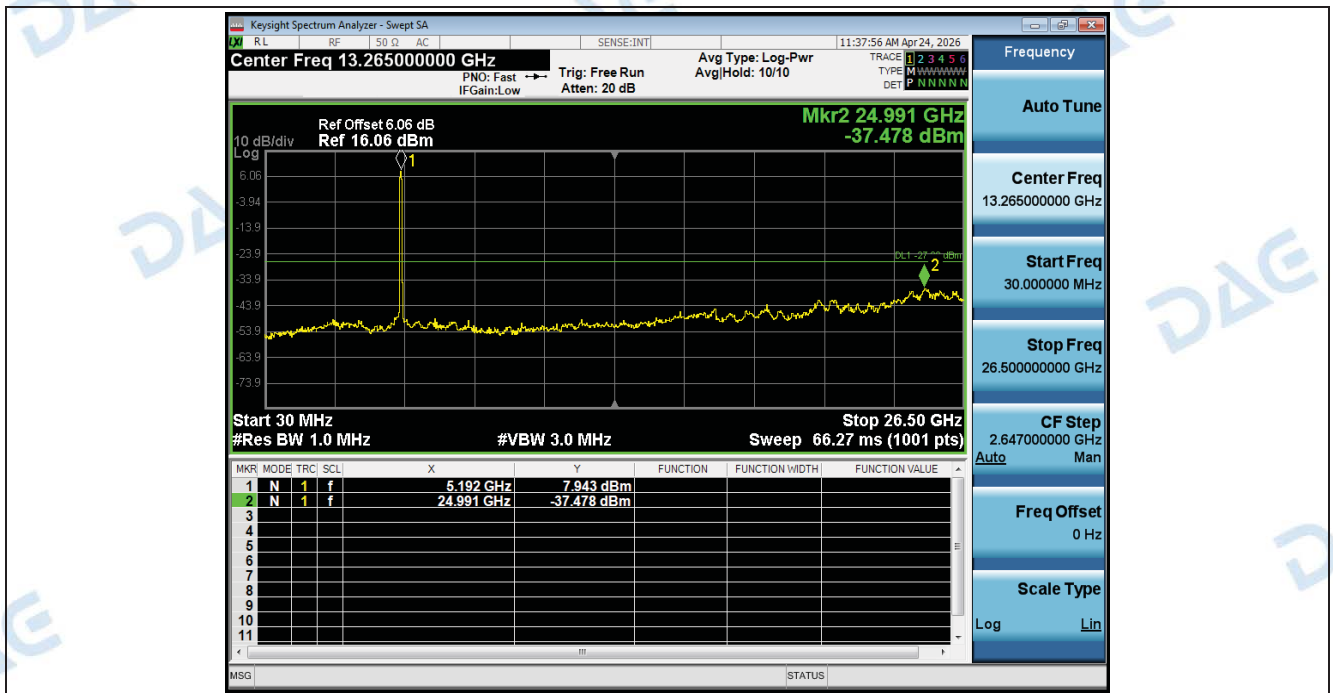
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5240_20M



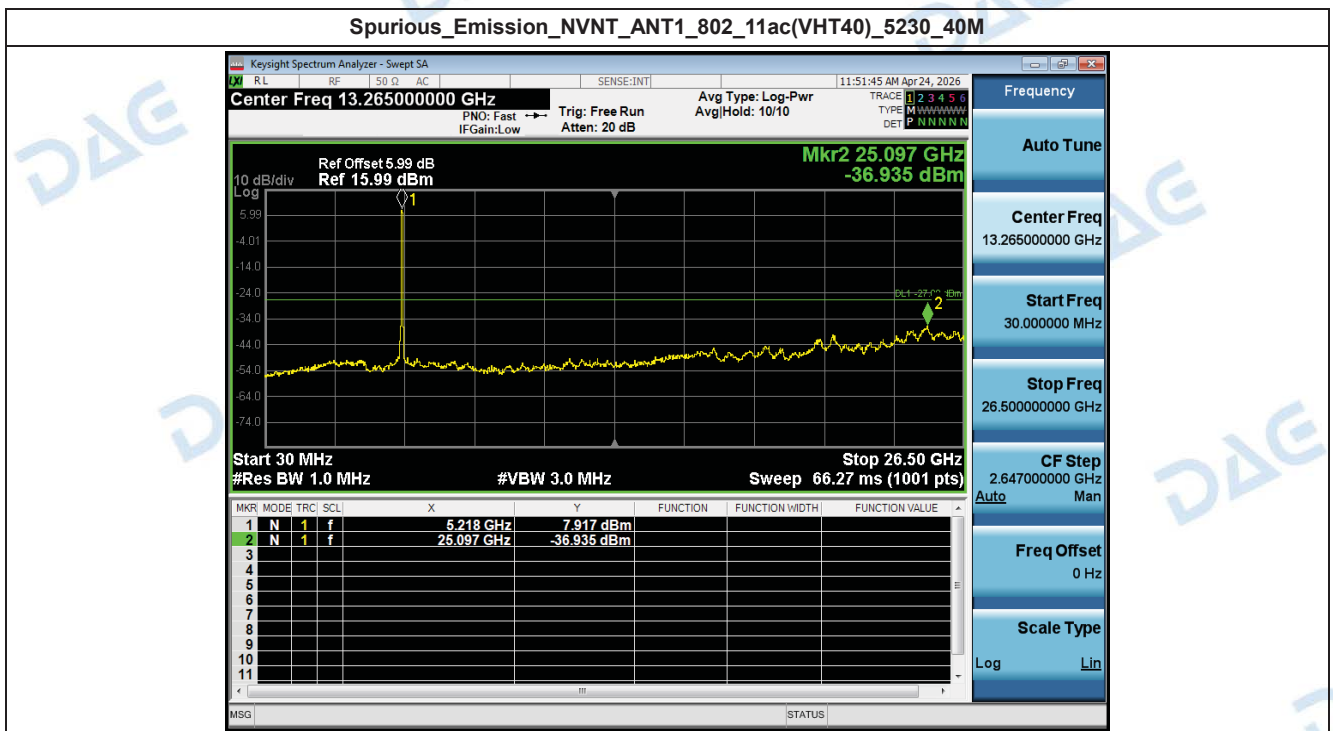
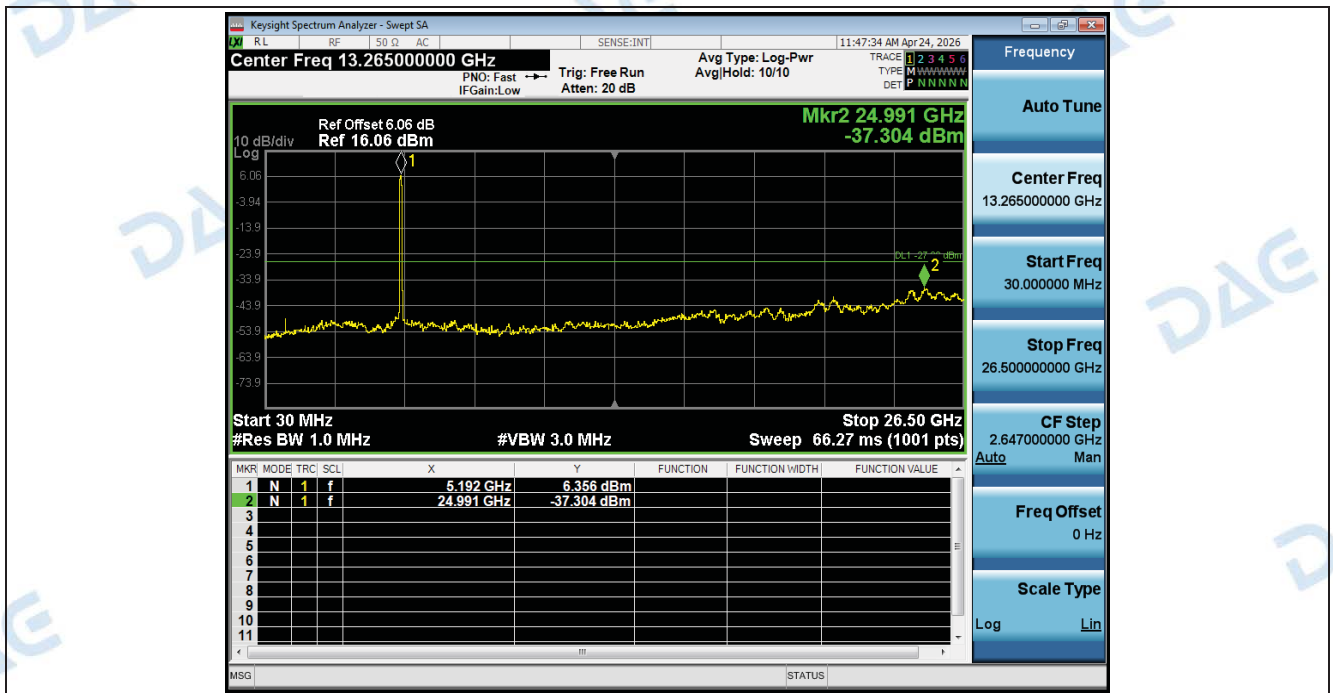
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5200_20M



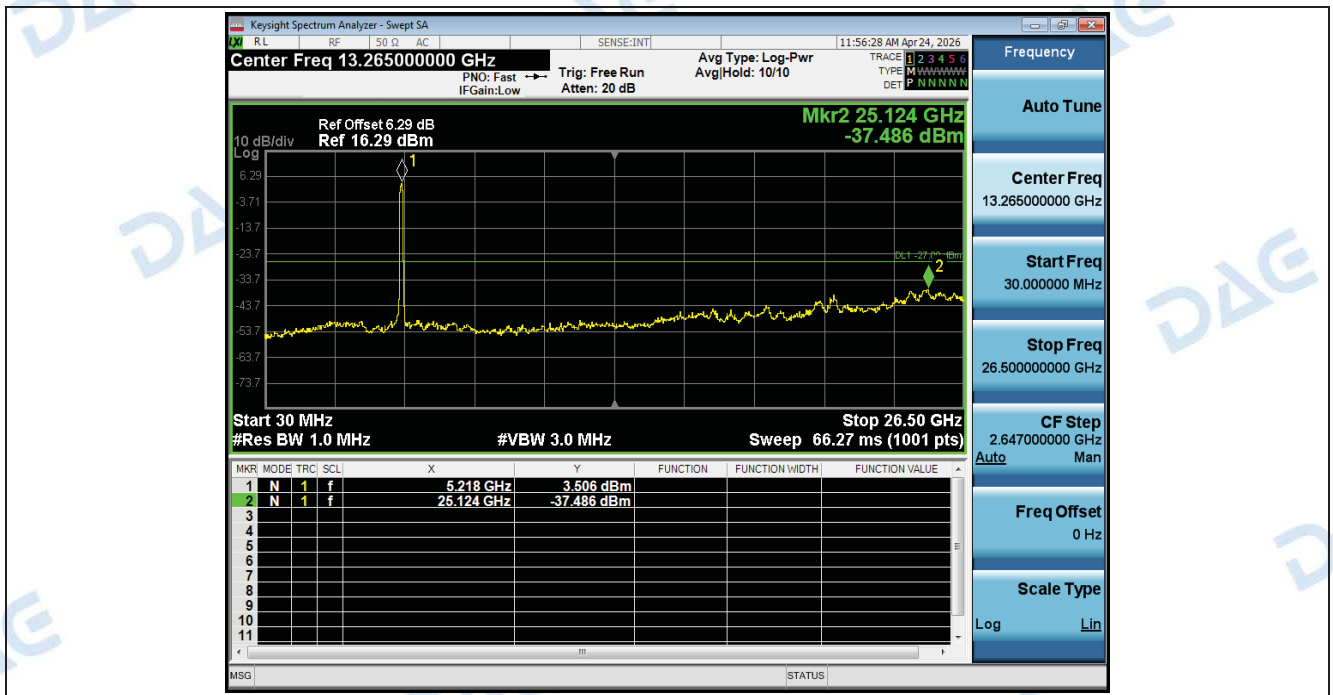
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5190_40M



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5190_40M



Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5210_80M



7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
50degrees C&&3.80V	ANT1	802.11a	5180.00	5179.936	5171.580	5188.292	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5180.00	5179.934	5171.712	5188.156	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5180.00	5179.946	5171.808	5188.084	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5180.00	5179.938	5171.856	5188.020	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5180.00	5179.938	5171.908	5187.968	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5180.00	5179.934	5171.964	5187.904	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5180.00	5179.938	5172.024	5187.852	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5180.00	5179.936	5172.084	5187.788	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5180.00	5179.930	5172.136	5187.724	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5180.00	5179.910	5172.180	5187.640	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5179.920	5172.228	5187.612	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5180.00	5179.932	5172.280	5187.584	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11a	5200.00	5199.970	5191.608	5208.332	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5200.00	5199.970	5191.748	5208.192	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5200.00	5199.966	5191.820	5208.112	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5200.00	5199.968	5191.888	5208.048	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5200.00	5199.958	5191.944	5207.972	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5200.00	5199.976	5192.004	5207.948	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5200.00	5199.956	5192.052	5207.860	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5200.00	5199.970	5192.104	5207.836	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5200.00	5199.988	5192.148	5207.828	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5200.00	5199.960	5192.200	5207.720	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5199.960	5192.240	5207.680	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5200.00	5199.970	5192.292	5207.648	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11a	5240.00	5239.940	5231.588	5248.292	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5240.00	5239.928	5231.704	5248.152	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5240.00	5239.936	5231.788	5248.084	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5240.00	5239.928	5231.856	5248.000	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5240.00	5239.934	5231.912	5247.956	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5240.00	5239.932	5231.960	5247.904	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5240.00	5239.928	5232.016	5247.840	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5240.00	5239.930	5232.068	5247.792	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5240.00	5239.928	5232.120	5247.736	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5240.00	5239.910	5232.176	5247.644	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5239.938	5232.236	5247.640	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5240.00	5239.920	5232.284	5247.556	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.944	5171.048	5188.840	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.932	5171.160	5188.704	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.926	5171.240	5188.612	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.930	5171.316	5188.544	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.930	5171.384	5188.476	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.928	5171.440	5188.416	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.914	5171.496	5188.332	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.906	5171.548	5188.264	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.906	5171.604	5188.208	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5180.00	5179.914	5171.652	5188.176	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.898	5171.700	5188.096	5150~5250	Pass

25degrees C&&3.23V	ANT1	802.11n(HT20)	5180.00	5179.898	5171.756	5188.040	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.950	5191.052	5208.848	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.952	5191.176	5208.728	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.944	5191.260	5208.628	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.954	5191.336	5208.572	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.960	5191.408	5208.512	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.958	5191.484	5208.432	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.960	5191.544	5208.376	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.980	5191.620	5208.340	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.982	5191.680	5208.284	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5200.00	5199.986	5191.732	5208.240	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.968	5191.788	5208.148	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5200.00	5199.982	5191.840	5208.124	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.944	5231.084	5248.804	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.940	5231.196	5248.684	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.944	5231.280	5248.608	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.940	5231.352	5248.528	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.940	5231.420	5248.460	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.930	5231.480	5248.380	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.940	5231.560	5248.320	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.954	5231.624	5248.284	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.952	5231.680	5248.224	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5240.00	5239.942	5231.728	5248.156	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.942	5231.780	5248.104	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5240.00	5239.930	5231.832	5248.028	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.946	5171.052	5188.840	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.936	5171.168	5188.704	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.930	5171.256	5188.604	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.938	5171.320	5188.556	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.944	5171.404	5188.484	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.934	5171.472	5188.396	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.928	5171.536	5188.320	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.936	5171.588	5188.284	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.938	5171.640	5188.236	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5180.00	5179.902	5171.692	5188.112	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5179.926	5171.760	5188.092	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5180.00	5179.914	5171.796	5188.032	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.948	5191.056	5208.840	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.960	5191.196	5208.724	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.958	5191.272	5208.644	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.964	5191.348	5208.580	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.968	5191.424	5208.512	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.964	5191.488	5208.440	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.958	5191.552	5208.364	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.978	5191.616	5208.340	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.970	5191.664	5208.276	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5200.00	5199.980	5191.716	5208.244	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5199.968	5191.772	5208.164	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5200.00	5199.966	5191.824	5208.108	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.954	5231.104	5248.804	5150~5250	Pass

40degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.946	5231.208	5248.684	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.944	5231.280	5248.608	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.936	5231.348	5248.524	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.936	5231.416	5248.456	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.934	5231.484	5248.384	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.936	5231.544	5248.328	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.934	5231.596	5248.272	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.924	5231.644	5248.204	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5240.00	5239.914	5231.688	5248.140	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.924	5231.740	5248.108	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5240.00	5239.902	5231.780	5248.024	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.956	5171.840	5208.072	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.968	5172.032	5207.904	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.960	5172.192	5207.728	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.976	5172.328	5207.624	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.956	5172.464	5207.448	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.948	5172.600	5207.296	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.956	5172.744	5207.168	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.976	5172.880	5207.072	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.944	5173.024	5206.864	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5190.00	5189.968	5173.168	5206.768	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.952	5173.336	5206.568	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5190.00	5190.000	5173.472	5206.528	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.956	5211.888	5248.024	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.948	5212.088	5247.808	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.968	5212.288	5247.648	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.956	5212.440	5247.472	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.948	5212.584	5247.312	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.920	5212.712	5247.128	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.932	5212.896	5246.968	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.952	5213.048	5246.856	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.944	5213.184	5246.704	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5230.00	5229.880	5213.328	5246.432	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.968	5213.472	5246.464	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5230.00	5229.940	5213.624	5246.256	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.956	5171.816	5208.096	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.956	5172.000	5207.912	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.948	5172.168	5207.728	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.976	5172.344	5207.608	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.980	5172.472	5207.488	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.932	5172.600	5207.264	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.936	5172.744	5207.128	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.976	5172.872	5207.080	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.944	5173.032	5206.856	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5190.00	5189.960	5173.152	5206.768	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5189.932	5173.288	5206.576	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5190.00	5189.928	5173.384	5206.472	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.956	5211.888	5248.024	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.960	5212.080	5247.840	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.968	5212.264	5247.672	5150~5250	Pass

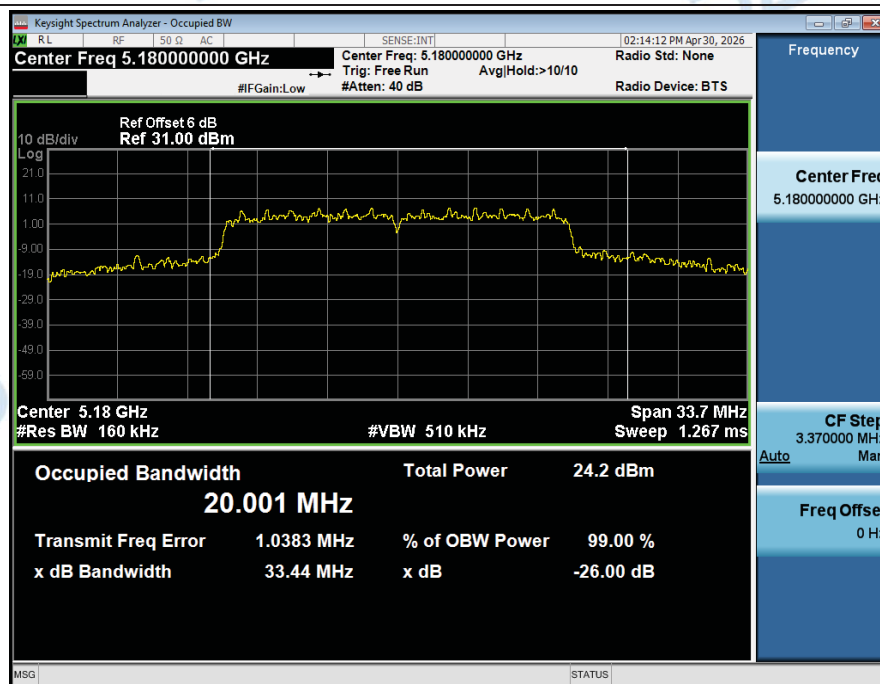
20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.944	5212.408	5247.480	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.956	5212.544	5247.368	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.948	5212.696	5247.200	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.924	5212.840	5247.008	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.936	5212.984	5246.888	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.940	5213.136	5246.744	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5230.00	5229.936	5213.304	5246.568	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5229.972	5213.480	5246.464	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5230.00	5229.968	5213.632	5246.304	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5209.988	5172.056	5247.920	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.000	5172.416	5247.584	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5209.982	5172.680	5247.284	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.006	5173.040	5246.972	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5209.982	5173.364	5246.600	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.018	5173.712	5246.324	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5209.988	5174.012	5245.964	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.060	5174.360	5245.760	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5209.976	5174.648	5245.304	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT80)	5210.00	5209.994	5174.984	5245.004	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5209.934	5175.248	5244.620	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT80)	5210.00	5210.060	5175.548	5244.572	5150~5250	Pass

FCC_5.2G_WIFI (Part15.407) Test Data

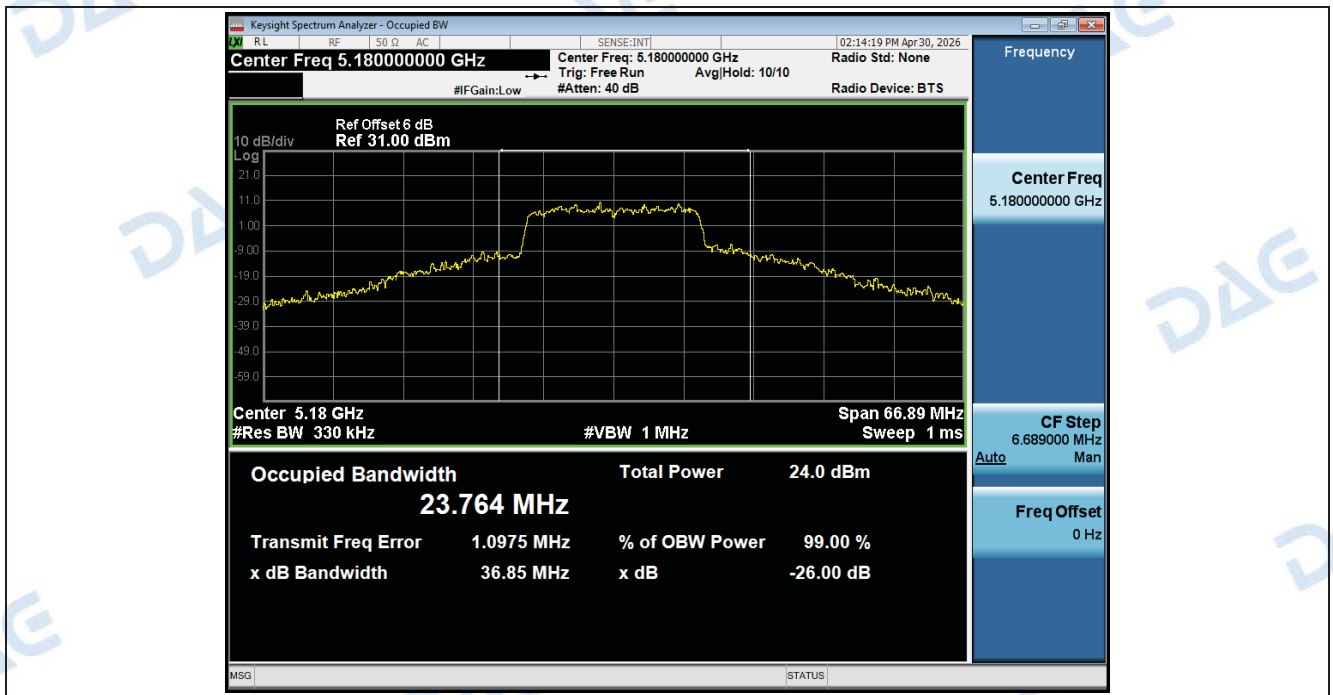
1. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	36.85	20.00
NVNT	ANT1	802.11a	5200.00	33.60	16.62
NVNT	ANT1	802.11a	5240.00	35.44	17.22
NVNT	ANT1	802.11n(HT20)	5180.00	38.40	19.09
NVNT	ANT1	802.11n(HT20)	5200.00	39.40	18.87
NVNT	ANT1	802.11n(HT20)	5240.00	38.77	18.23
NVNT	ANT1	802.11ac(VHT20)	5180.00	37.36	18.24
NVNT	ANT1	802.11ac(VHT20)	5200.00	36.65	17.80
NVNT	ANT1	802.11ac(VHT20)	5240.00	32.16	17.68
NVNT	ANT1	802.11n(HT40)	5190.00	57.78	36.33
NVNT	ANT1	802.11n(HT40)	5230.00	63.85	36.29
NVNT	ANT1	802.11ac(VHT40)	5190.00	55.88	36.20
NVNT	ANT1	802.11ac(VHT40)	5230.00	50.63	36.14
NVNT	ANT1	802.11ac(VHT80)	5210.00	80.79	74.70

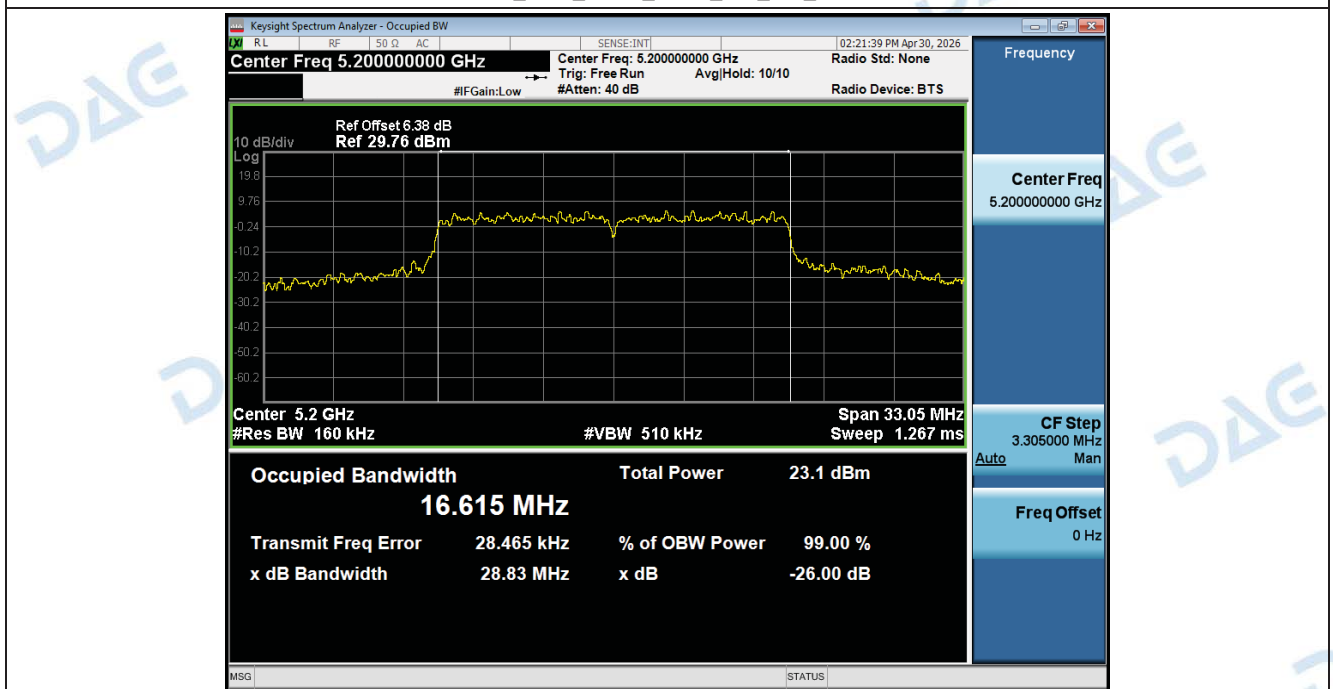
99%_OCB_NVNT_ANT1_802_11a_5180



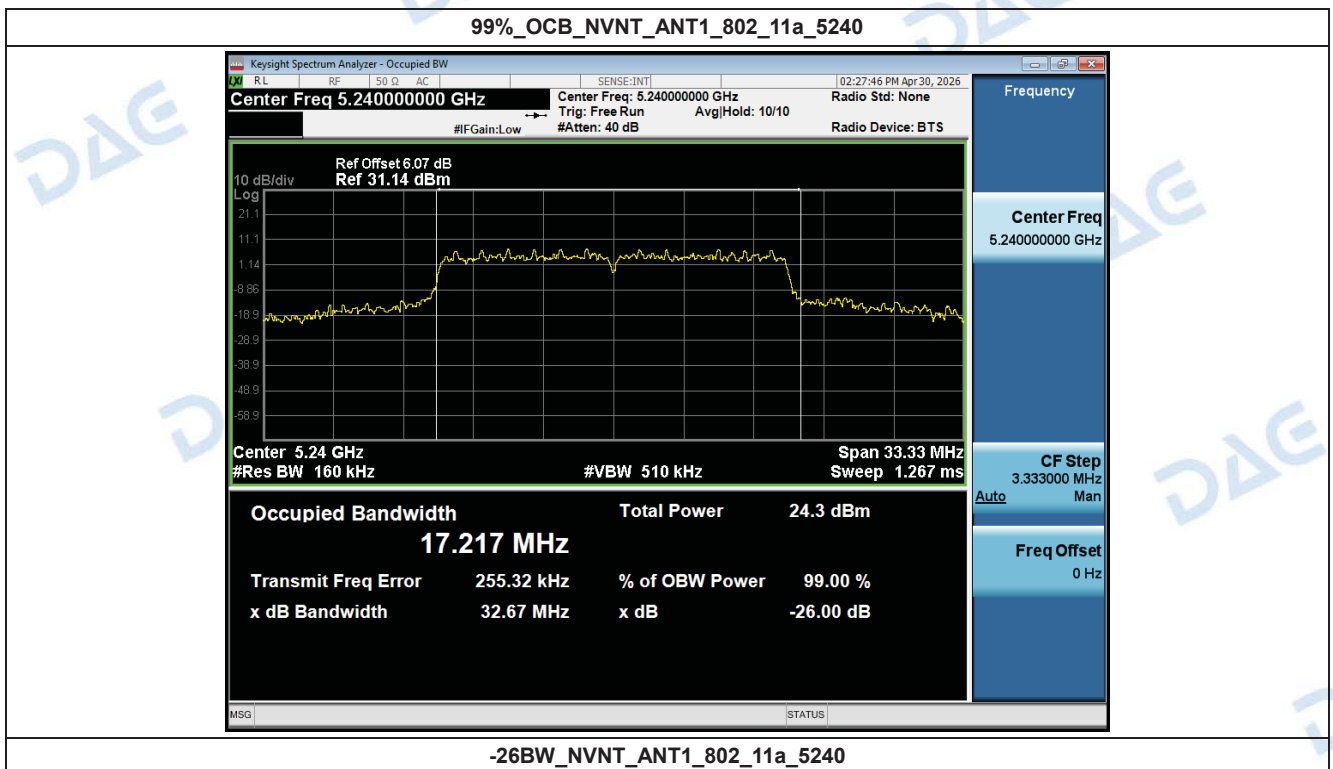
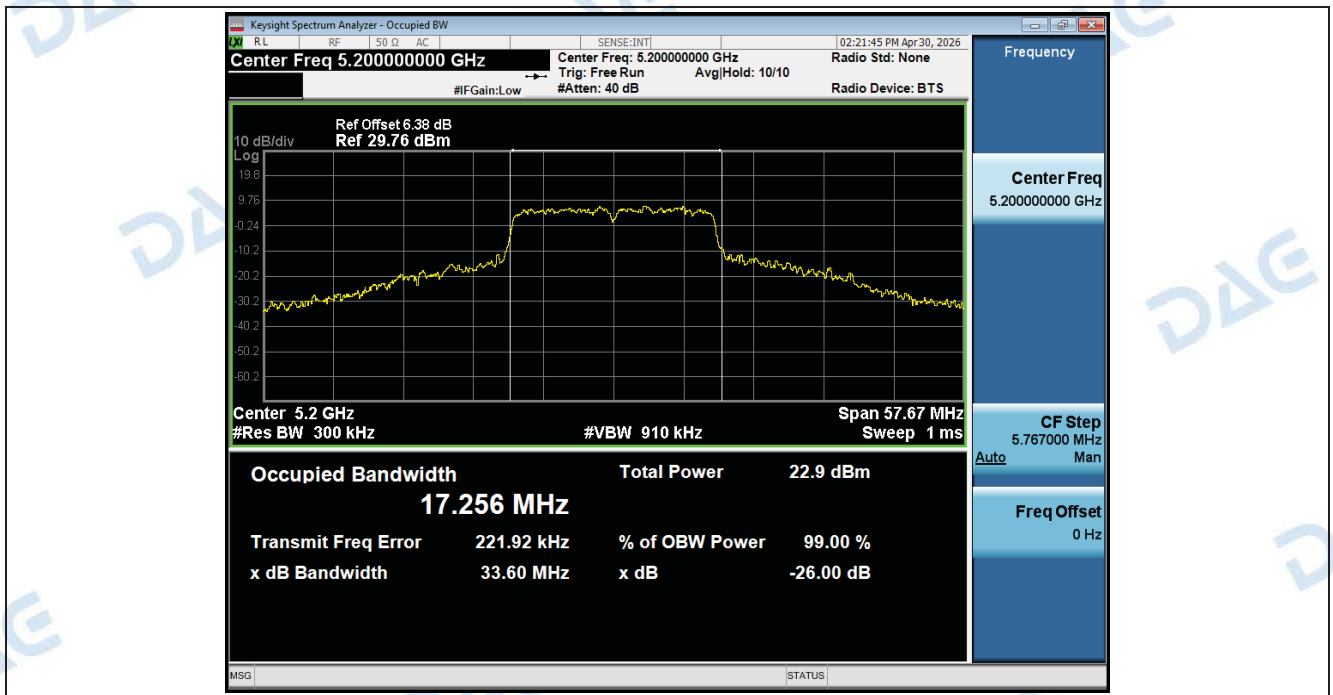
-26BW_NVNT_ANT1_802_11a_5180

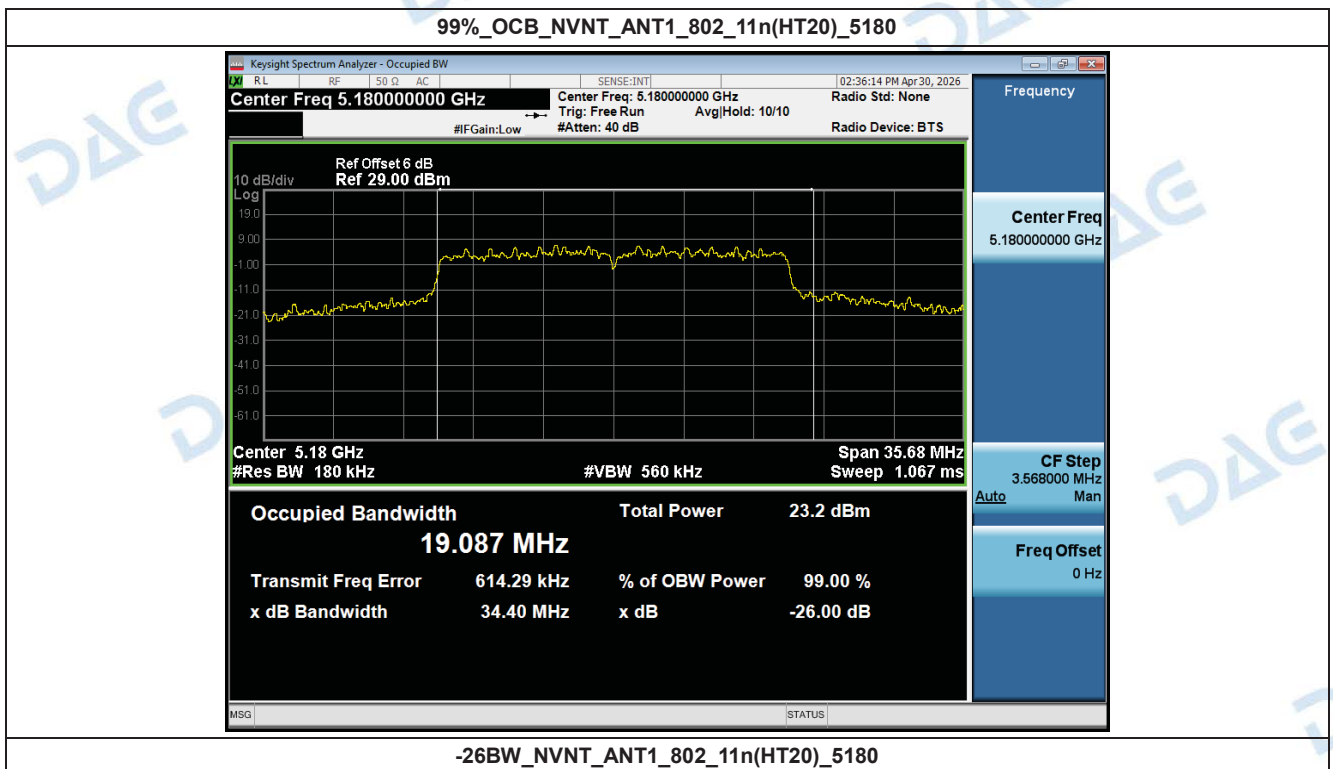
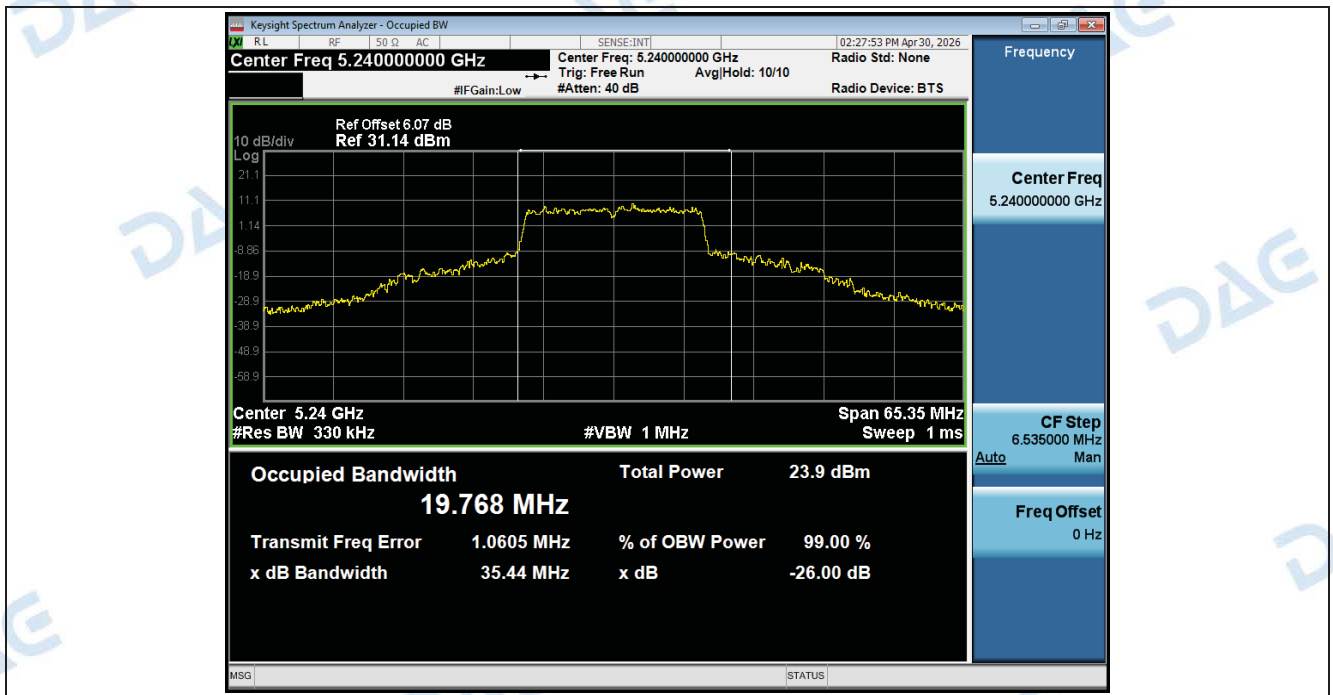


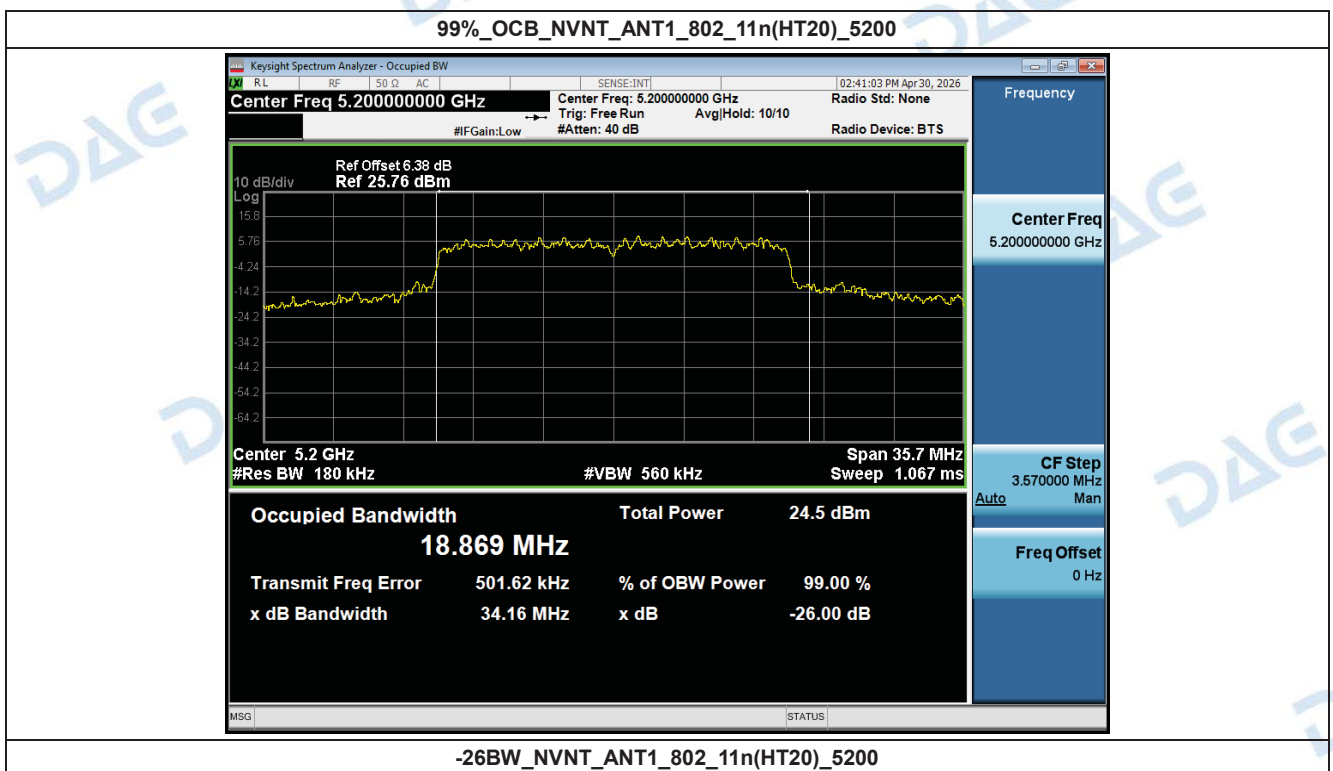
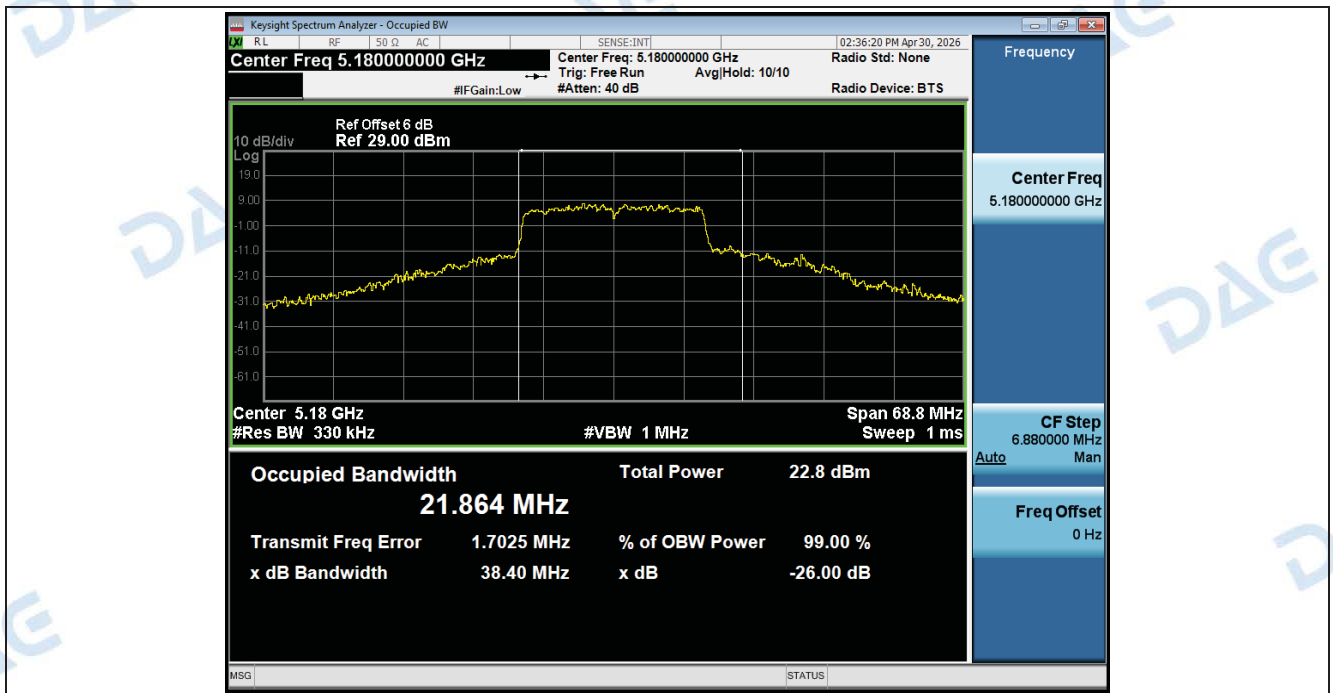
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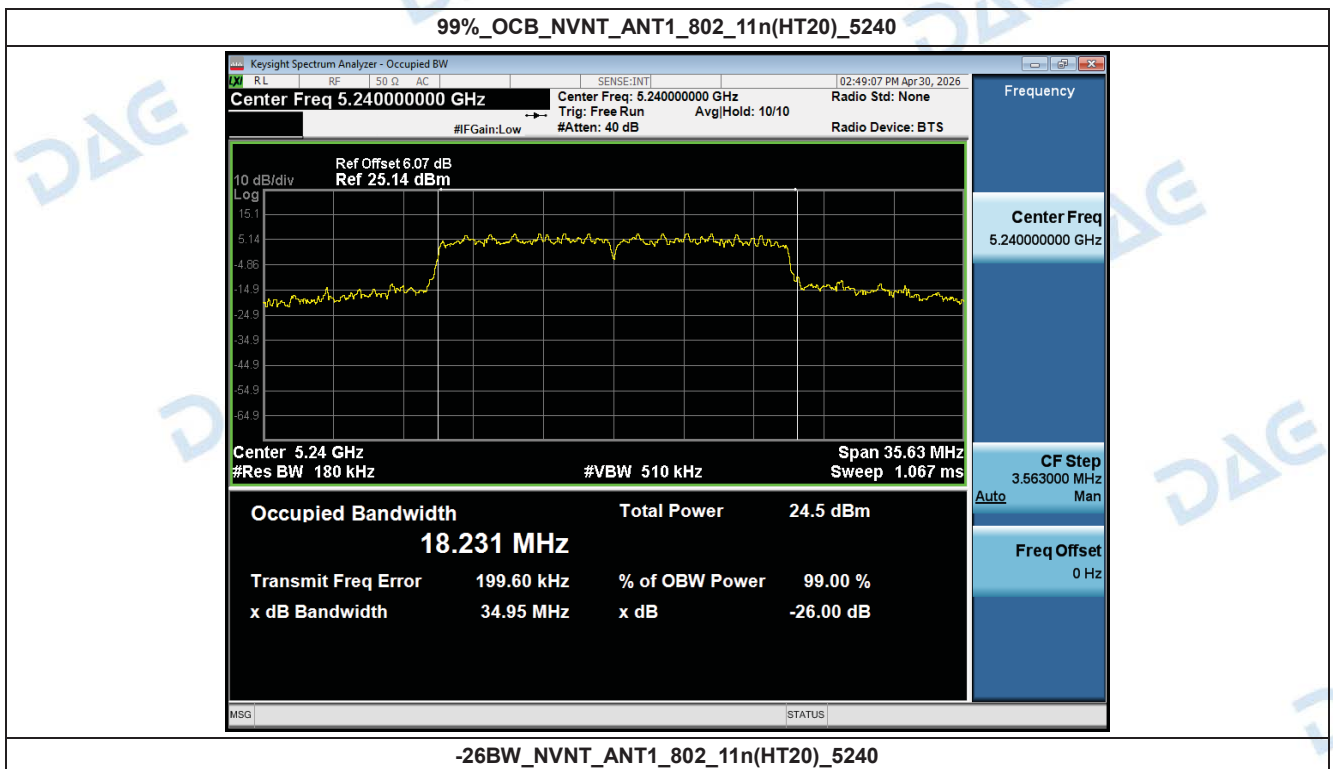
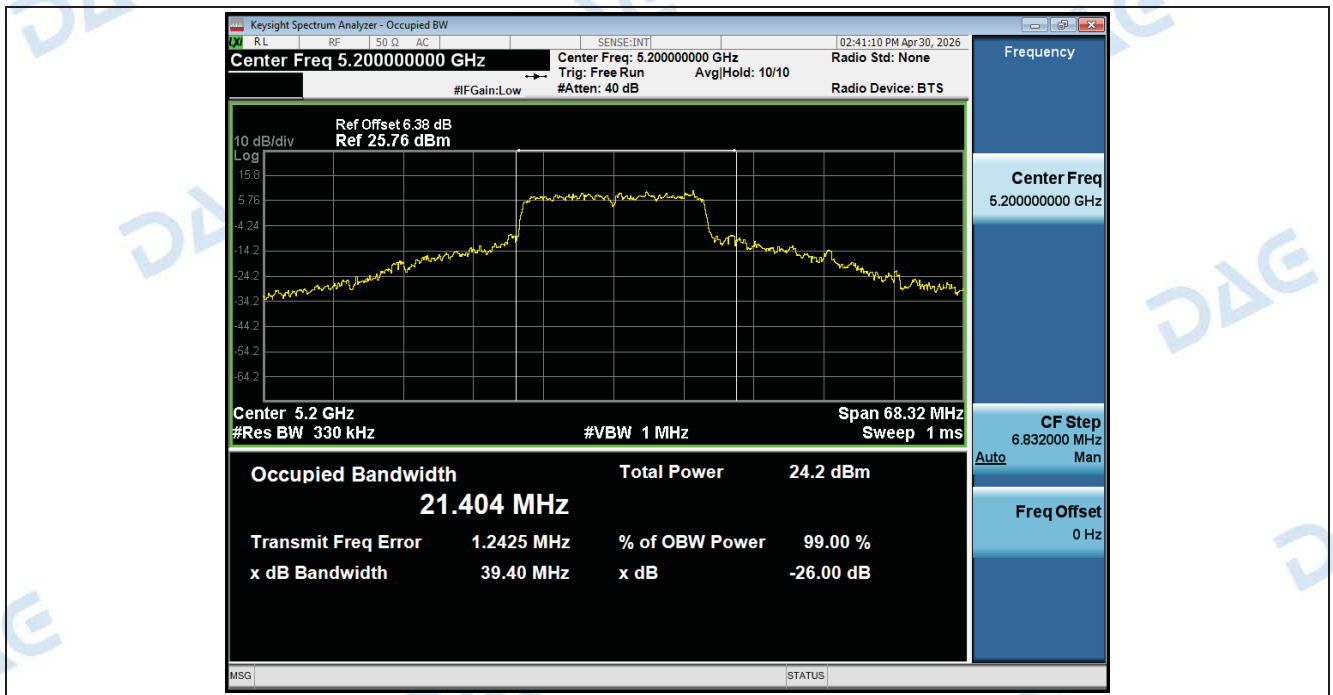


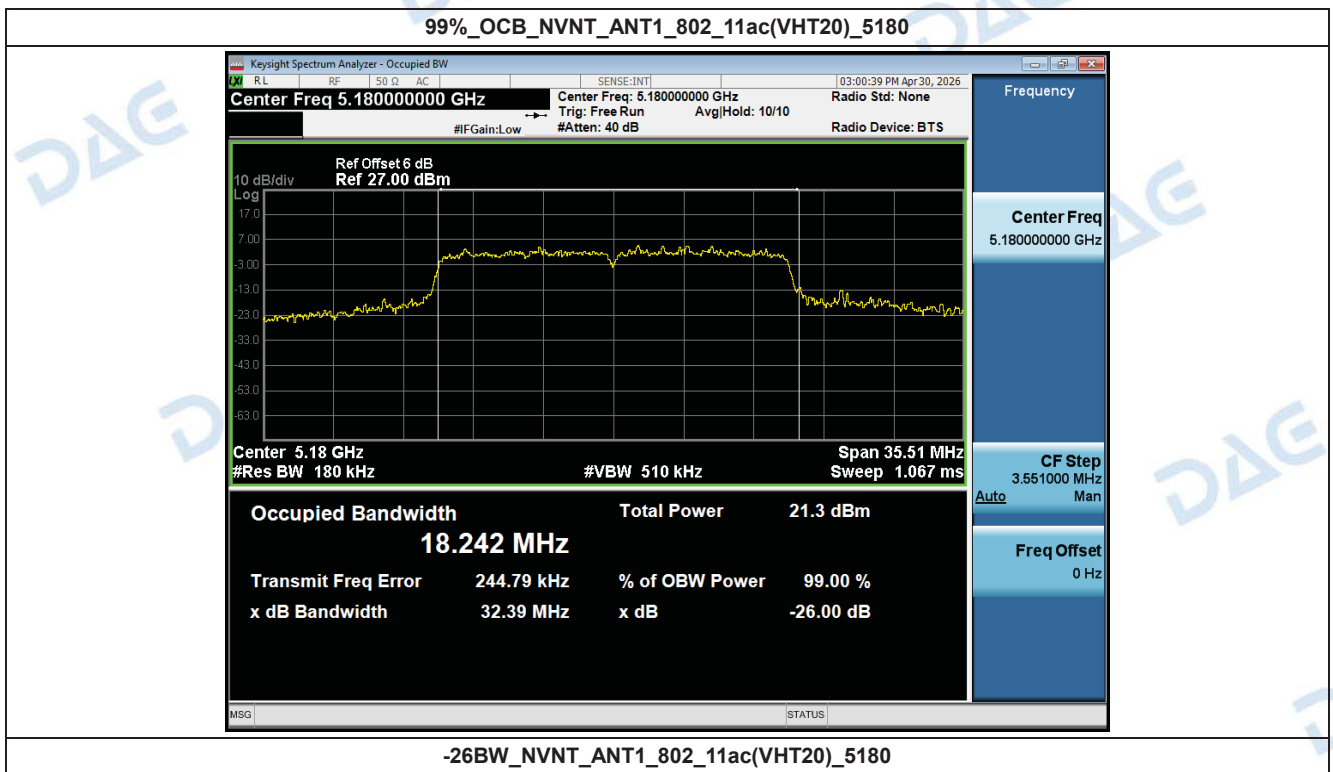
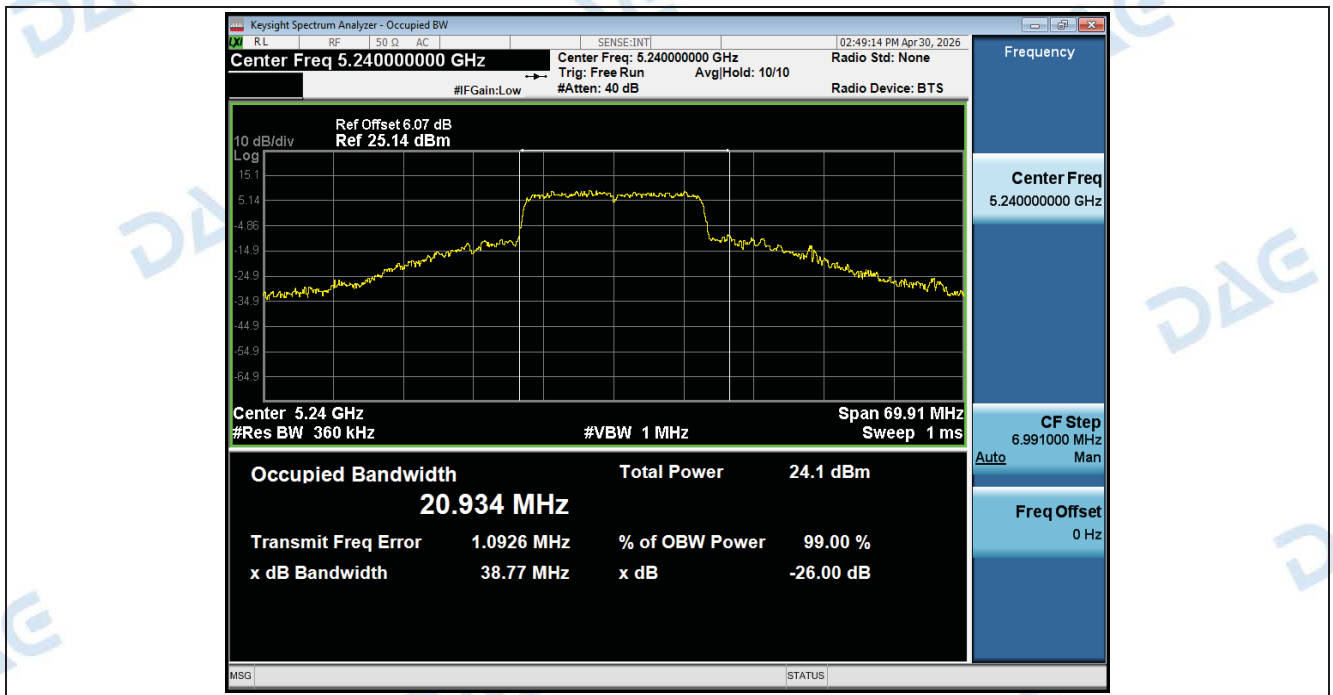
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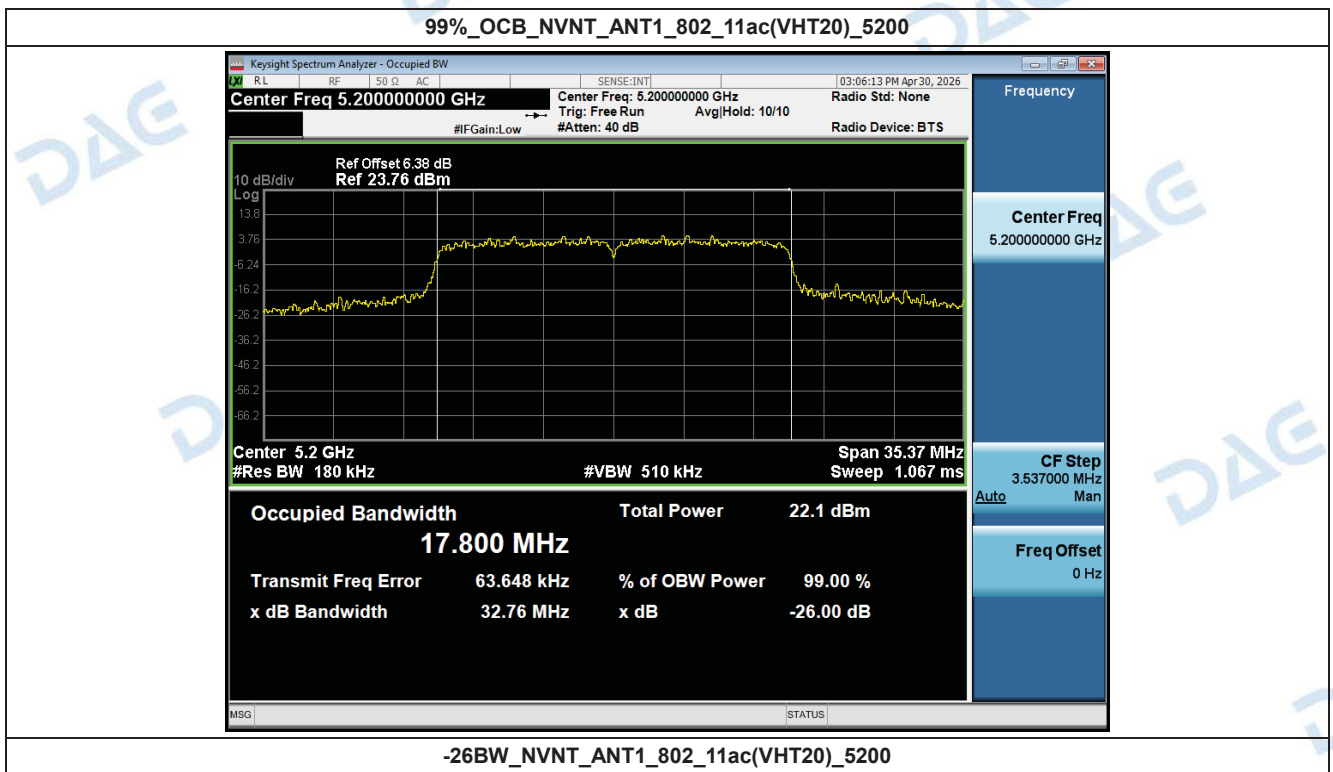
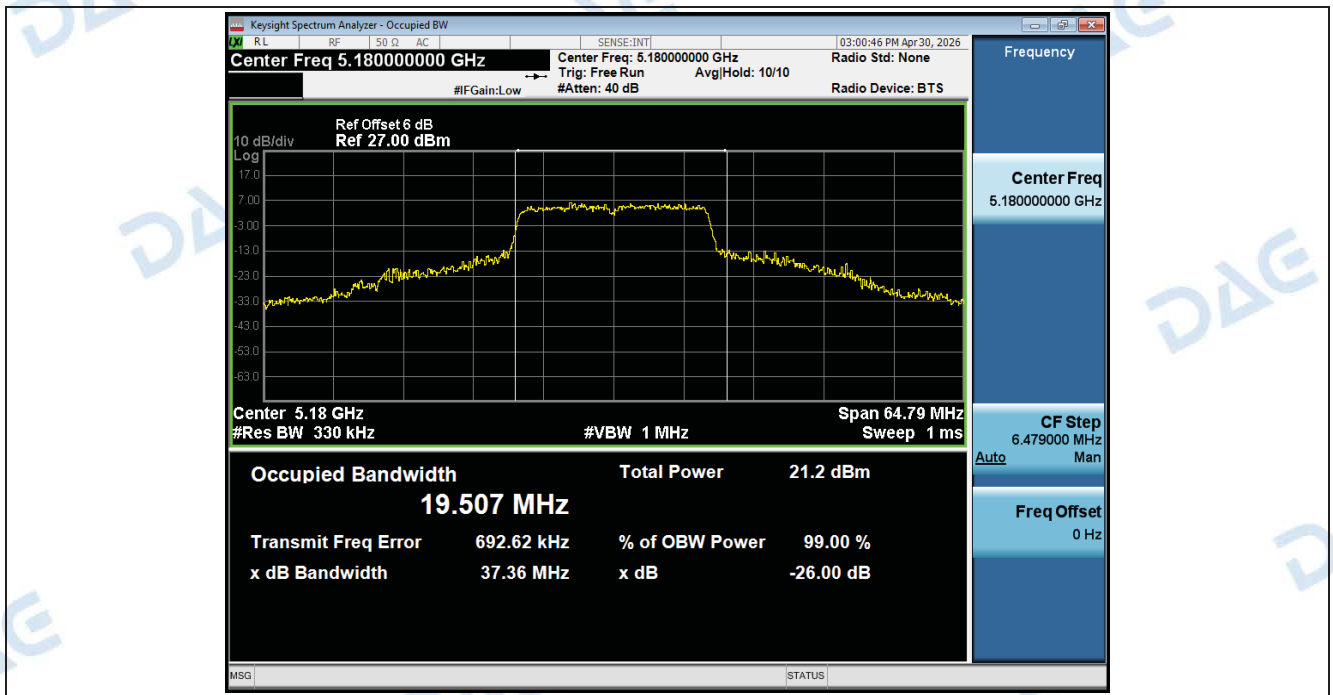


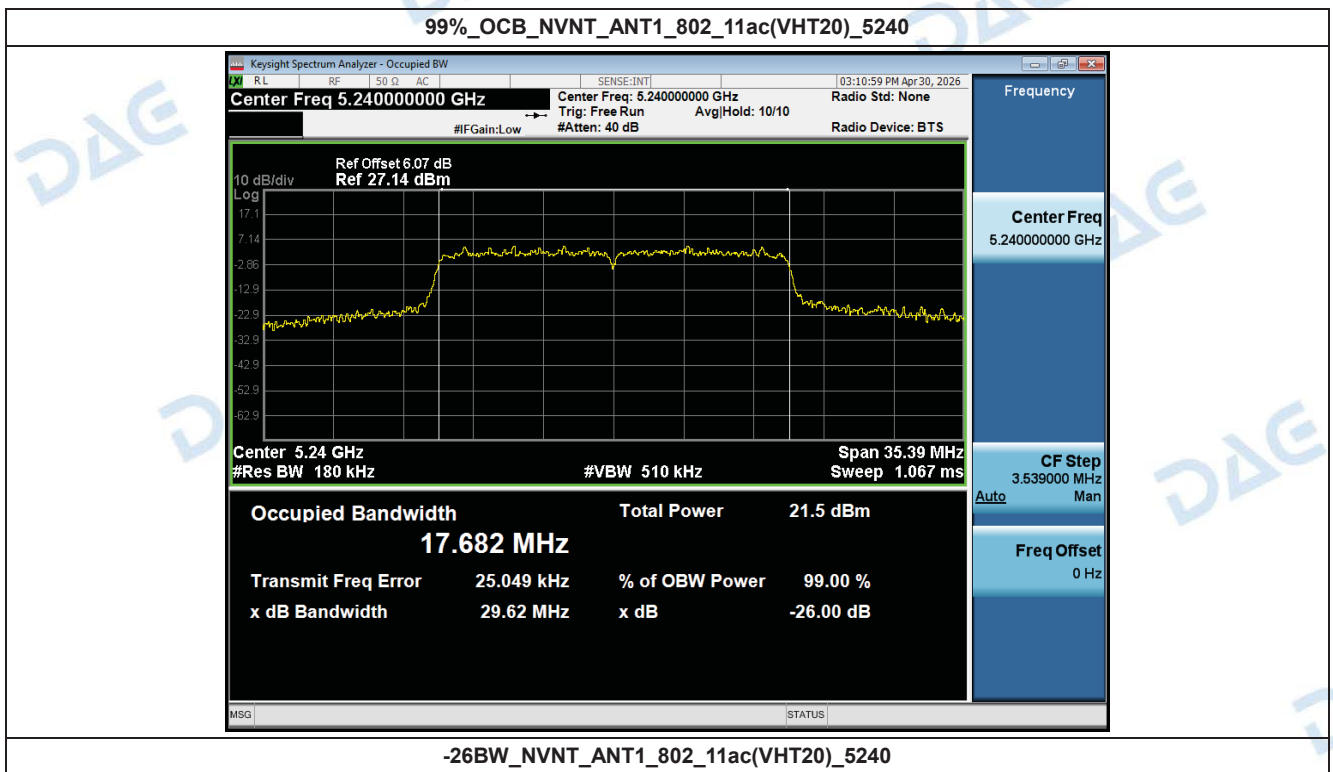
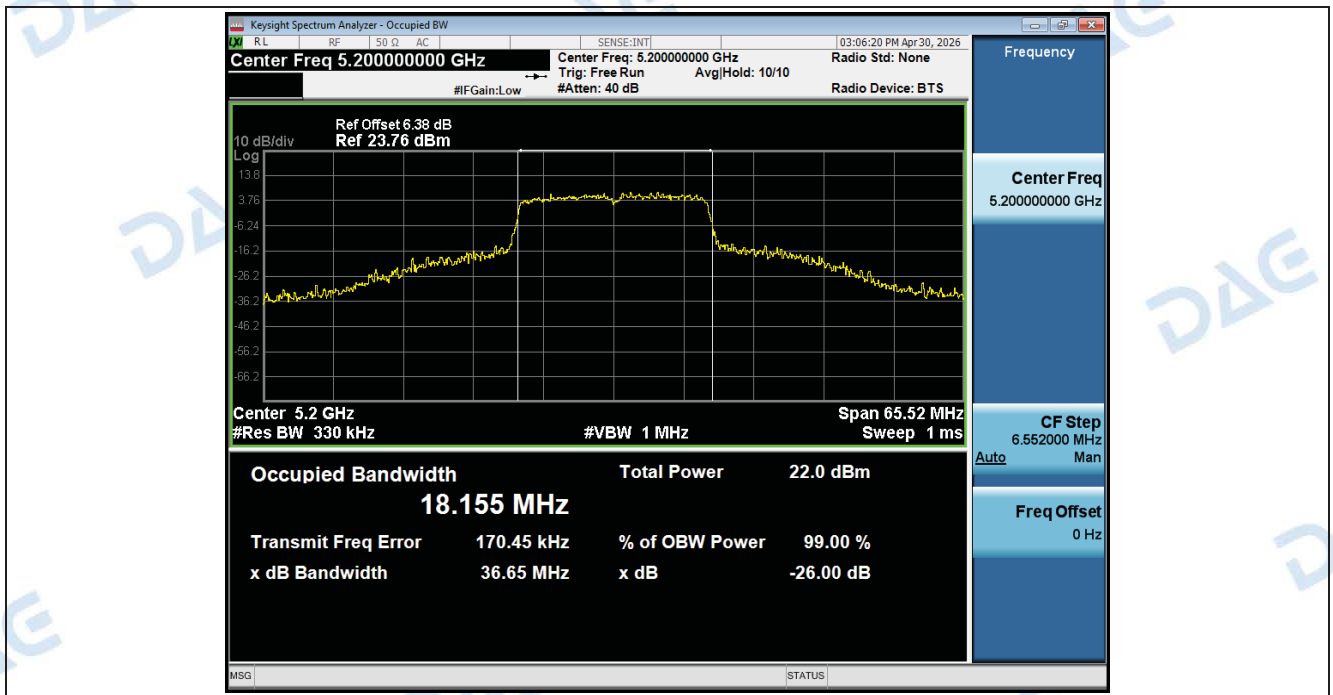


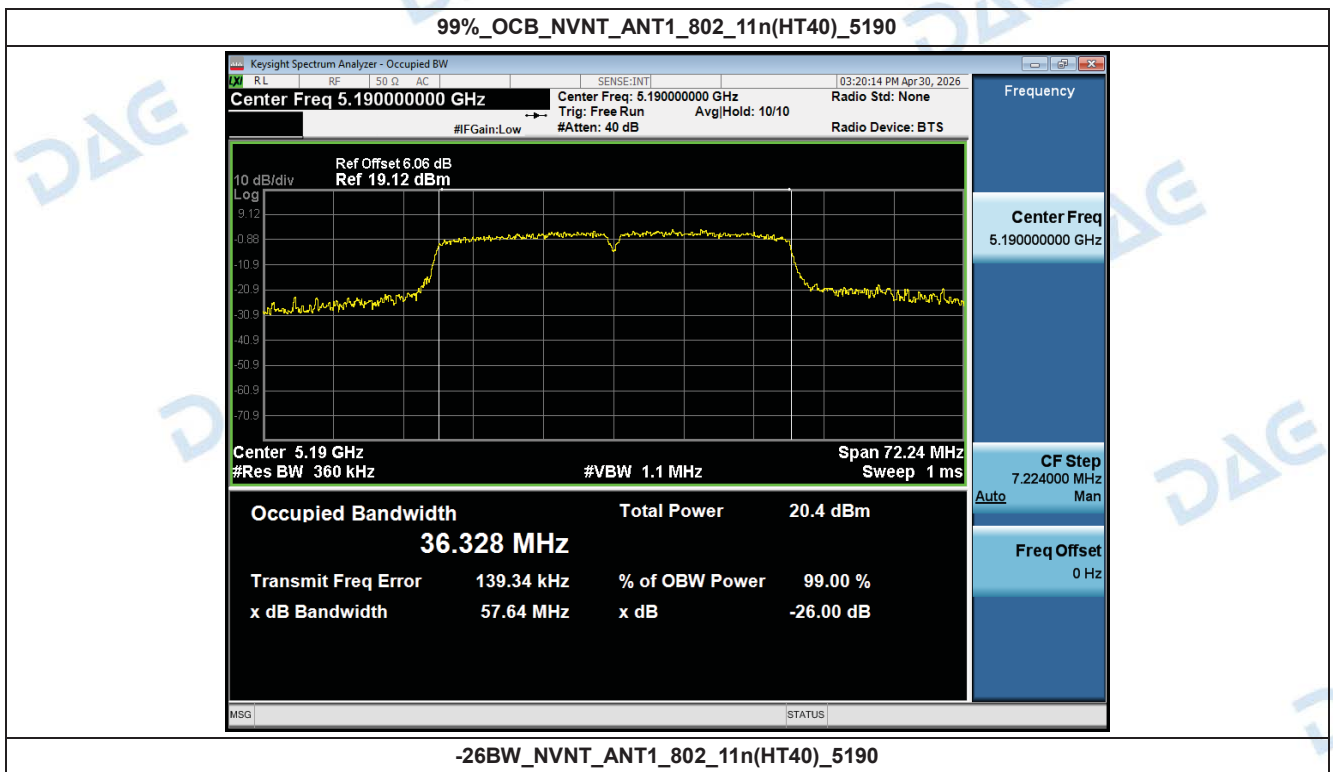
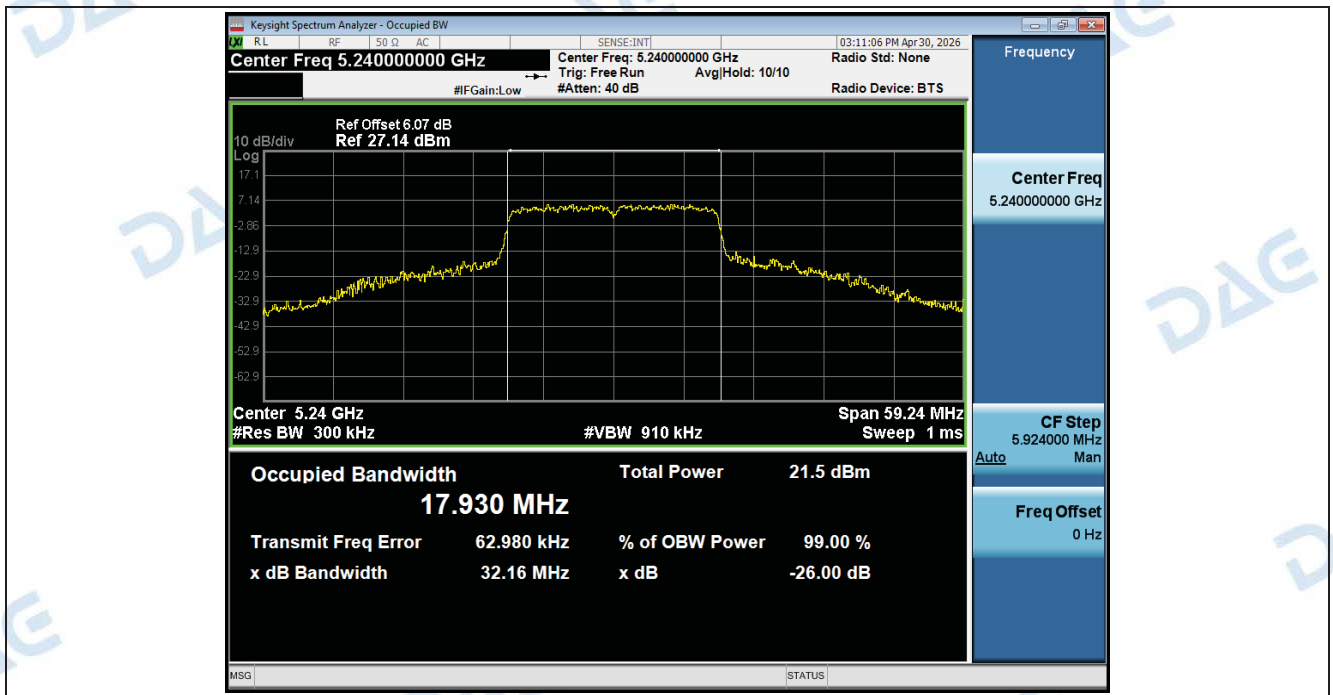


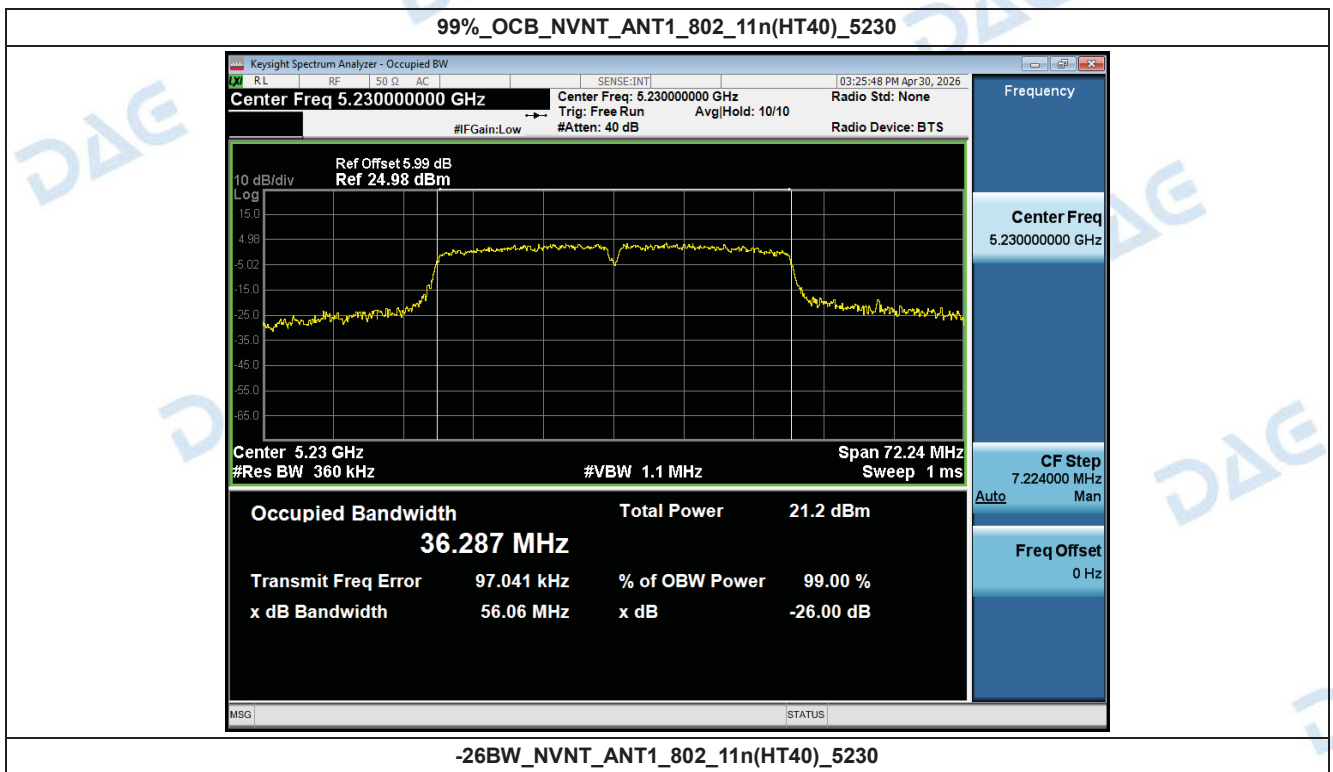
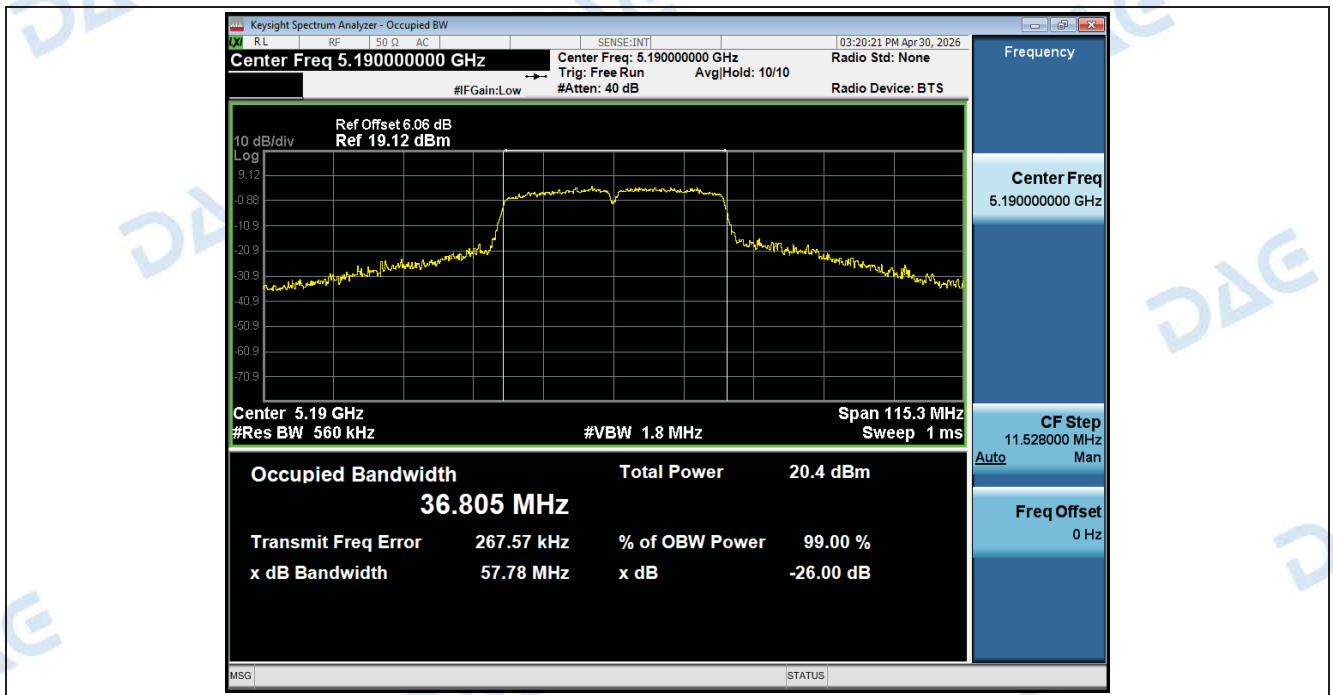


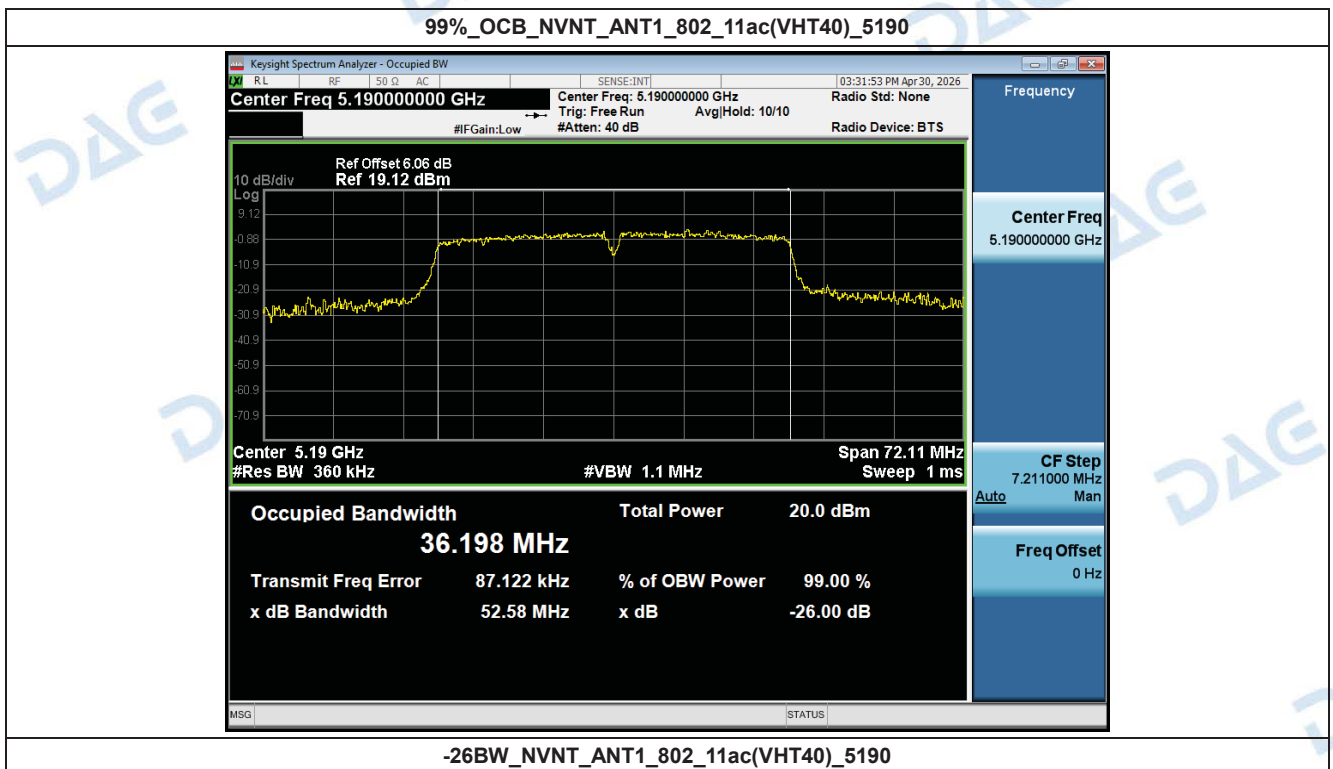
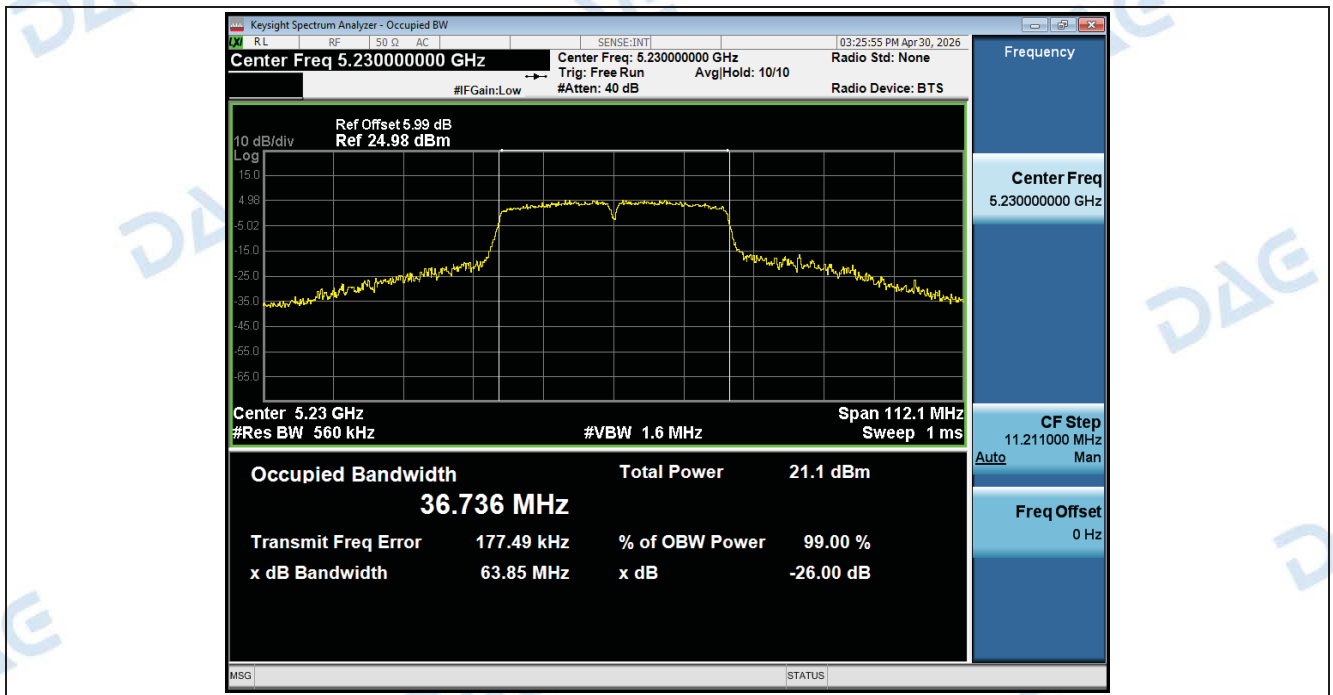


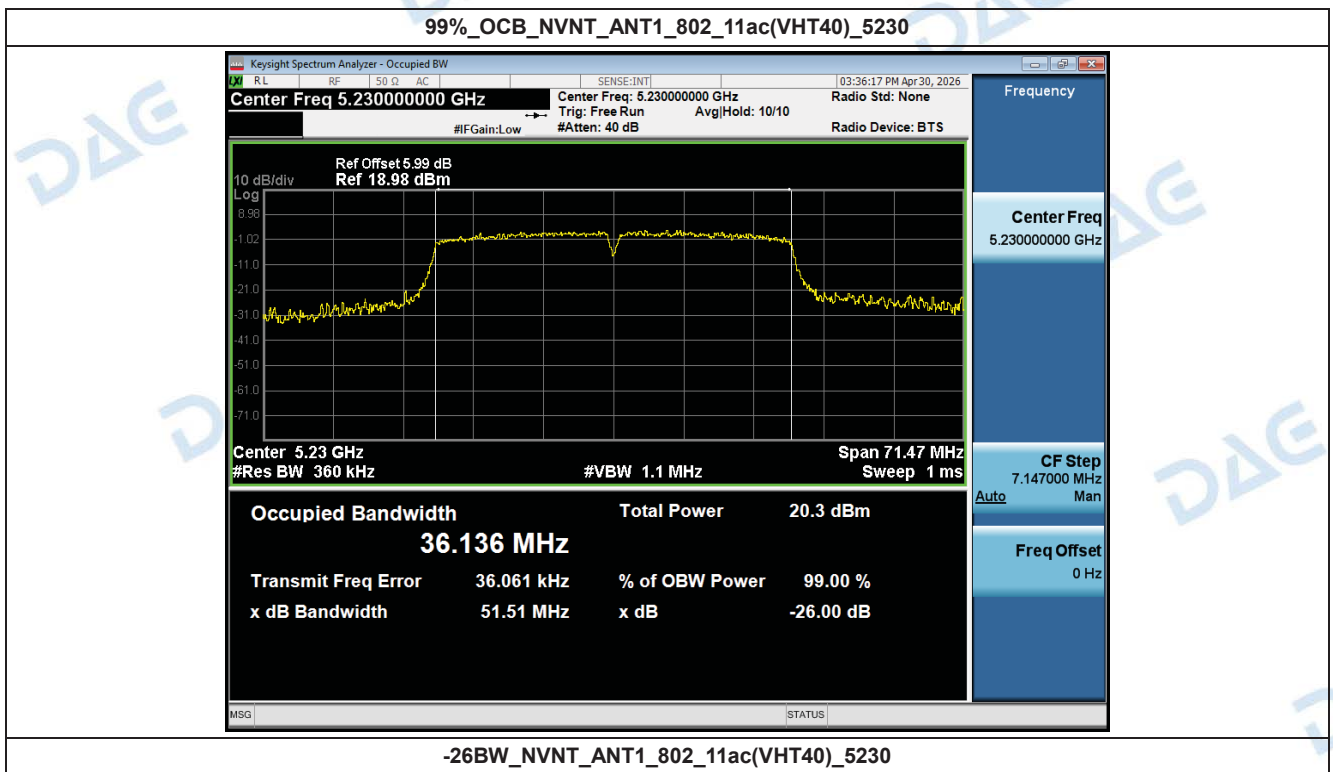
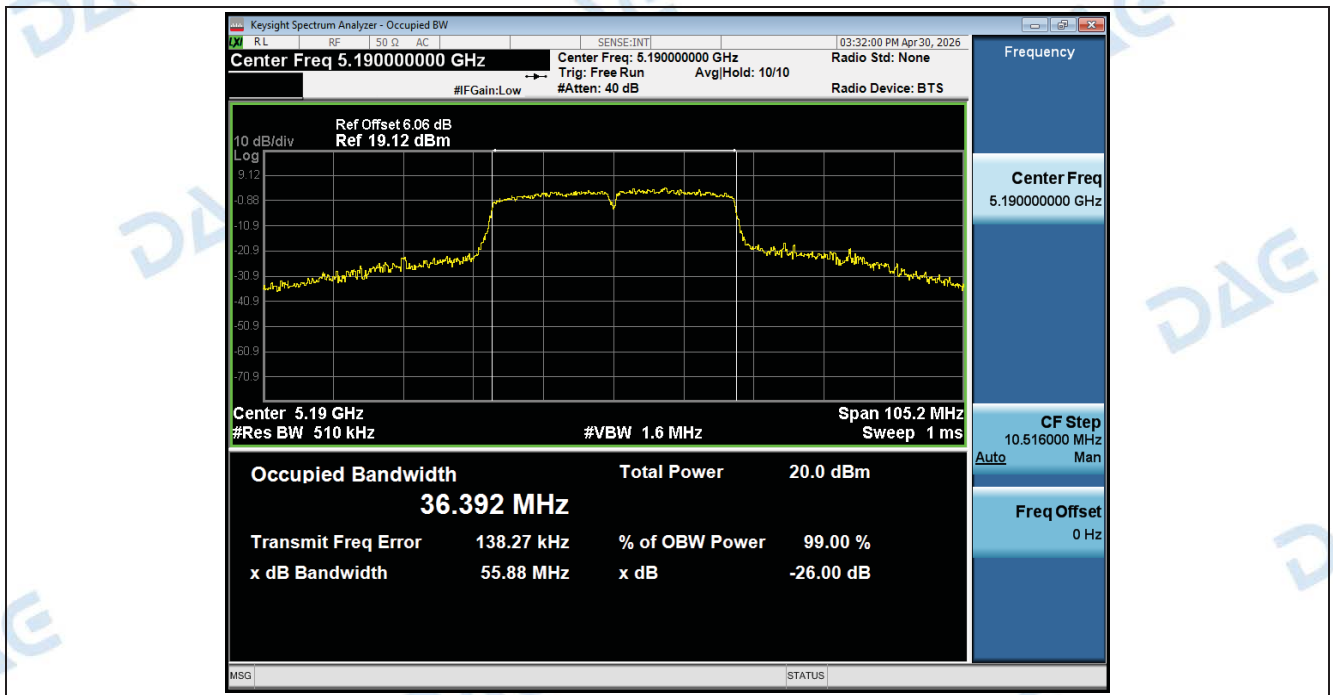


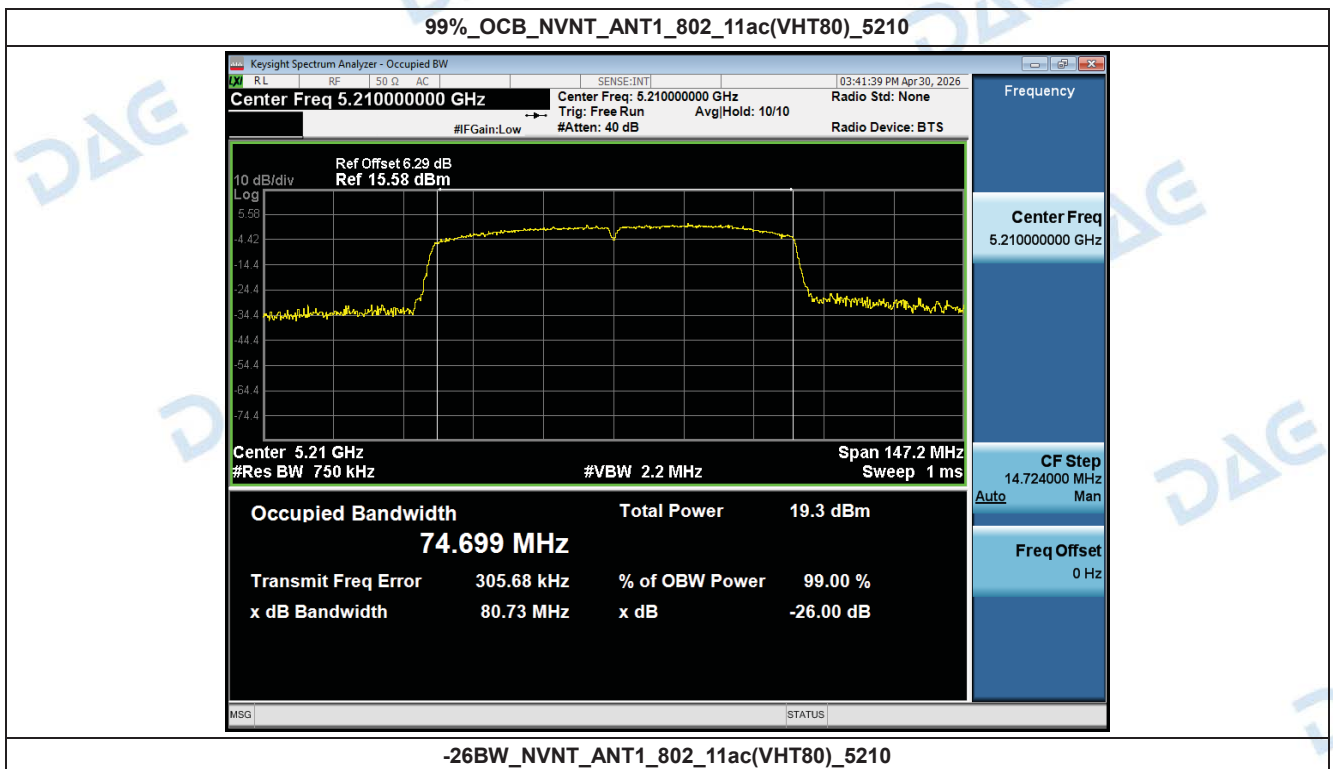
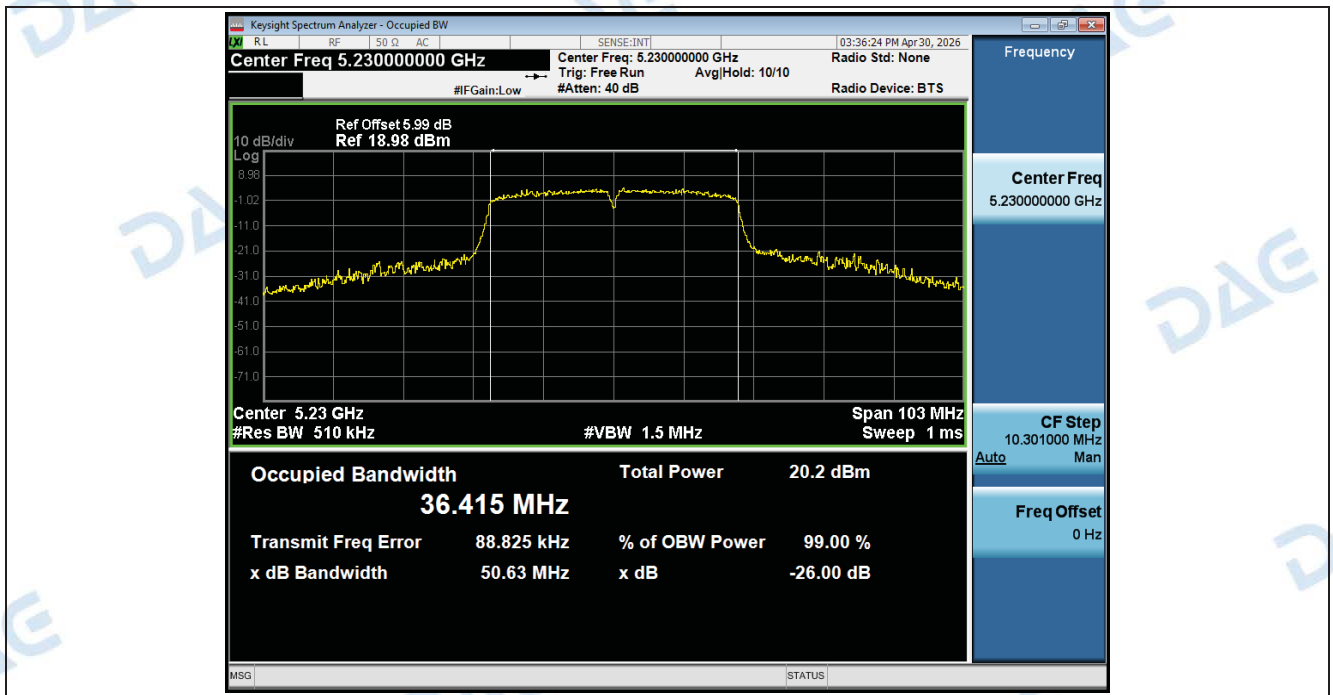




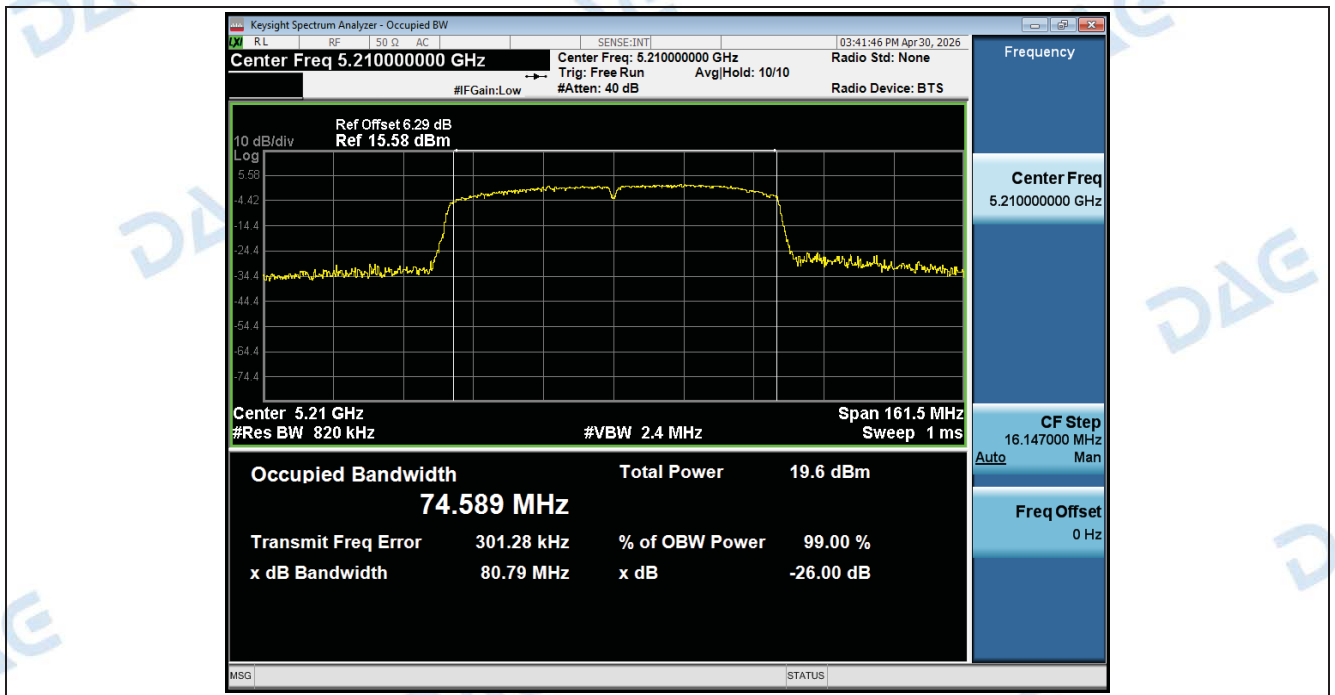








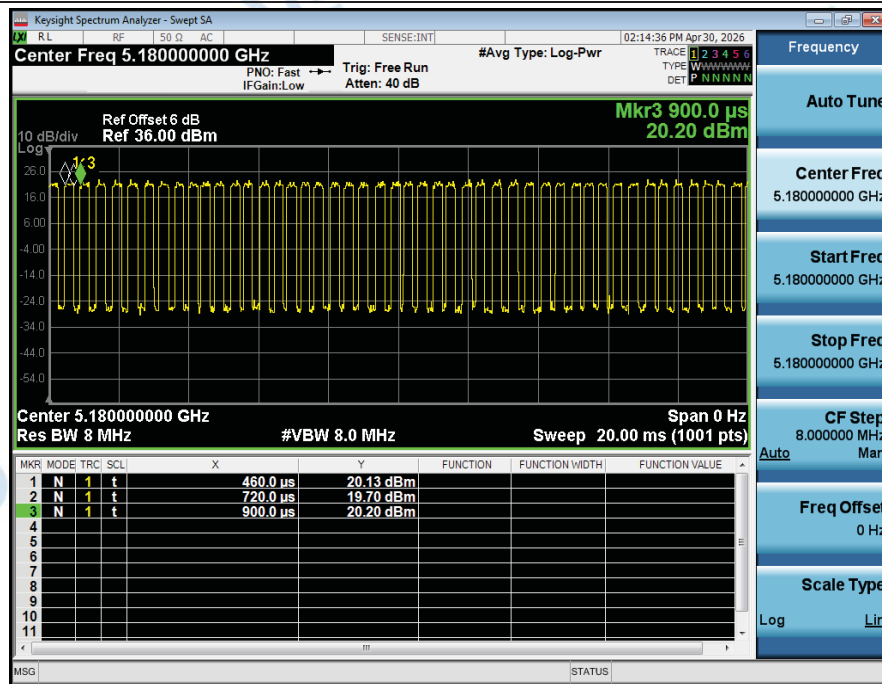
-26BW_NVNT_ANT1_802_11ac(VHT80)_5210



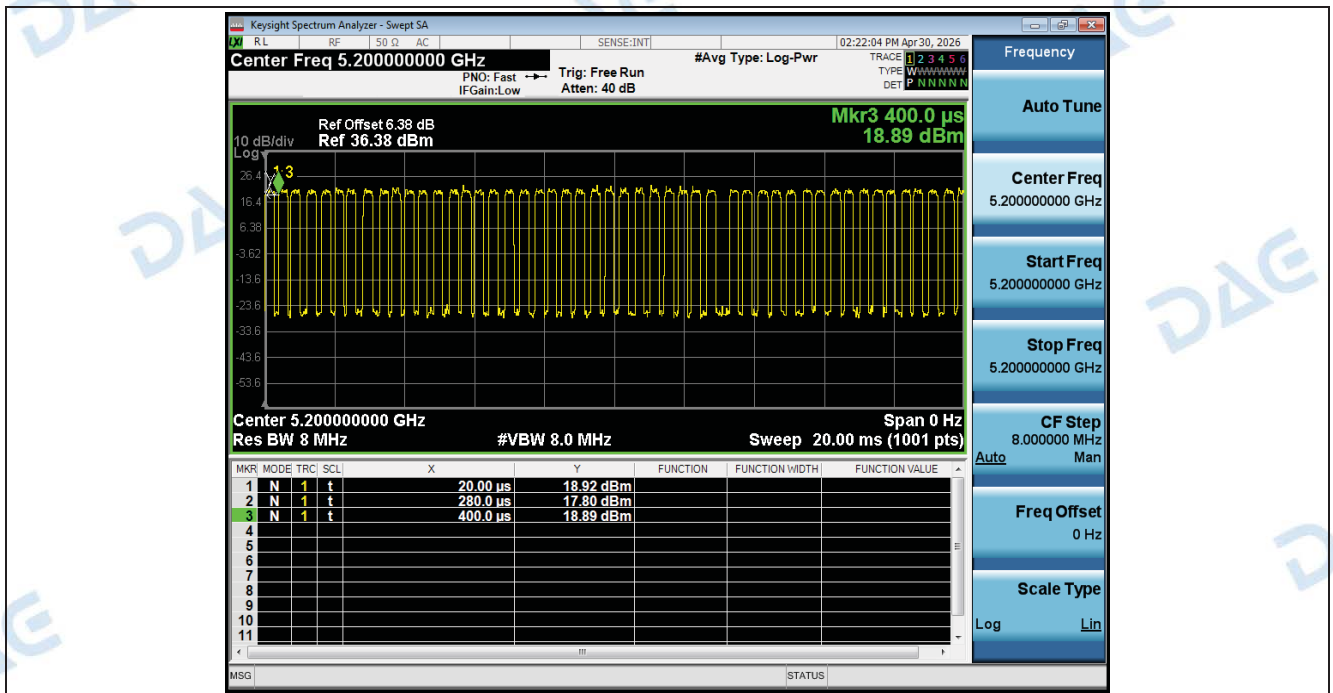
2. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	59.09	2.28
NVNT	ANT1	802.11a	5200.00	68.42	1.65
NVNT	ANT1	802.11a	5240.00	54.55	2.63
NVNT	ANT1	802.11n(HT20)	5180.00	47.83	3.20
NVNT	ANT1	802.11n(HT20)	5200.00	52.38	2.81
NVNT	ANT1	802.11n(HT20)	5240.00	57.89	2.37
NVNT	ANT1	802.11ac(VHT20)	5180.00	89.81	0.47
NVNT	ANT1	802.11ac(VHT20)	5200.00	93.20	0.31
NVNT	ANT1	802.11ac(VHT20)	5240.00	89.81	0.47
NVNT	ANT1	802.11n(HT40)	5190.00	85.45	0.68
NVNT	ANT1	802.11n(HT40)	5230.00	87.27	0.59
NVNT	ANT1	802.11ac(VHT40)	5190.00	81.36	0.90
NVNT	ANT1	802.11ac(VHT40)	5230.00	87.27	0.59
NVNT	ANT1	802.11ac(VHT80)	5210.00	67.65	1.70

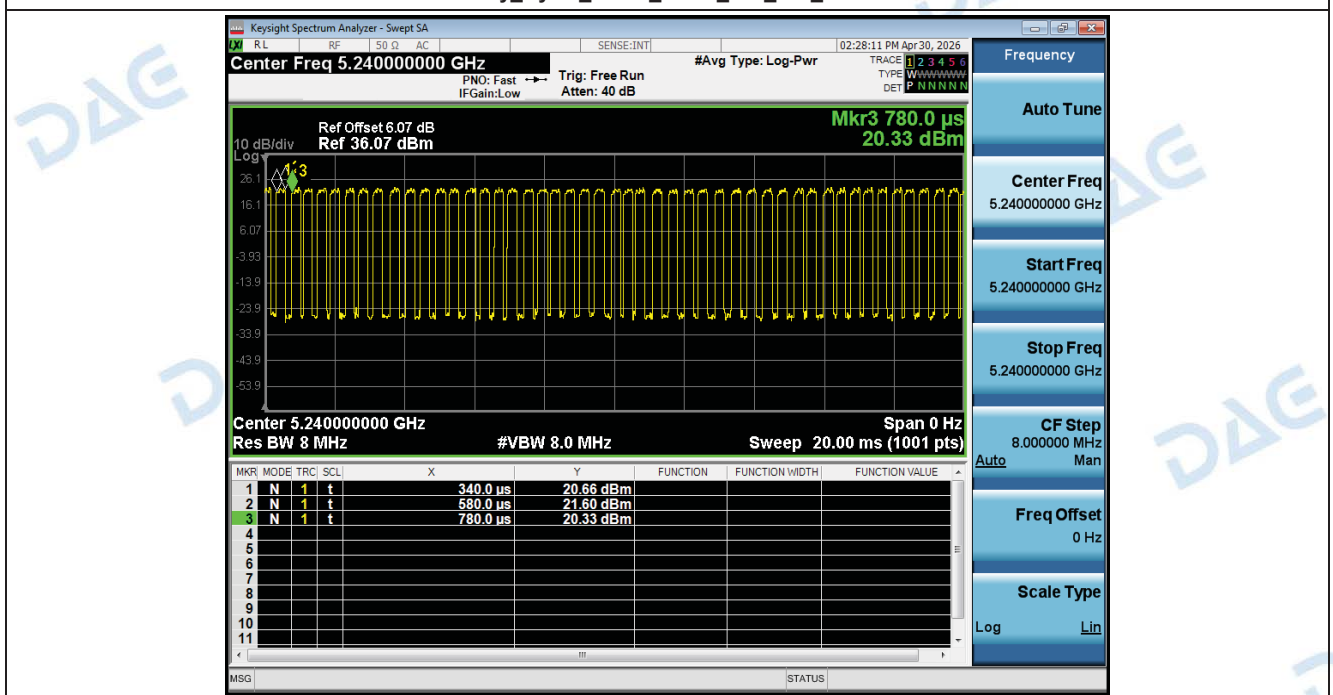
Duty_Cycle_NVNT_ANT1_802_11a_5180



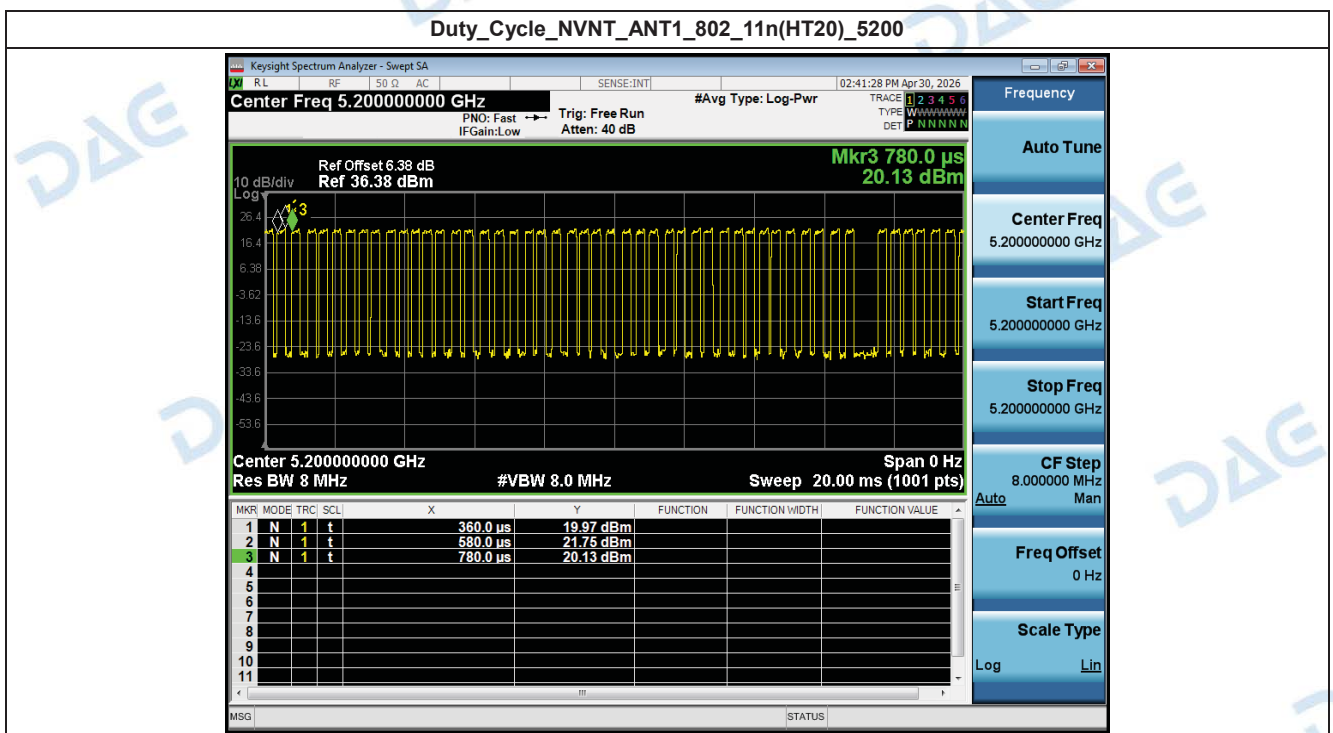
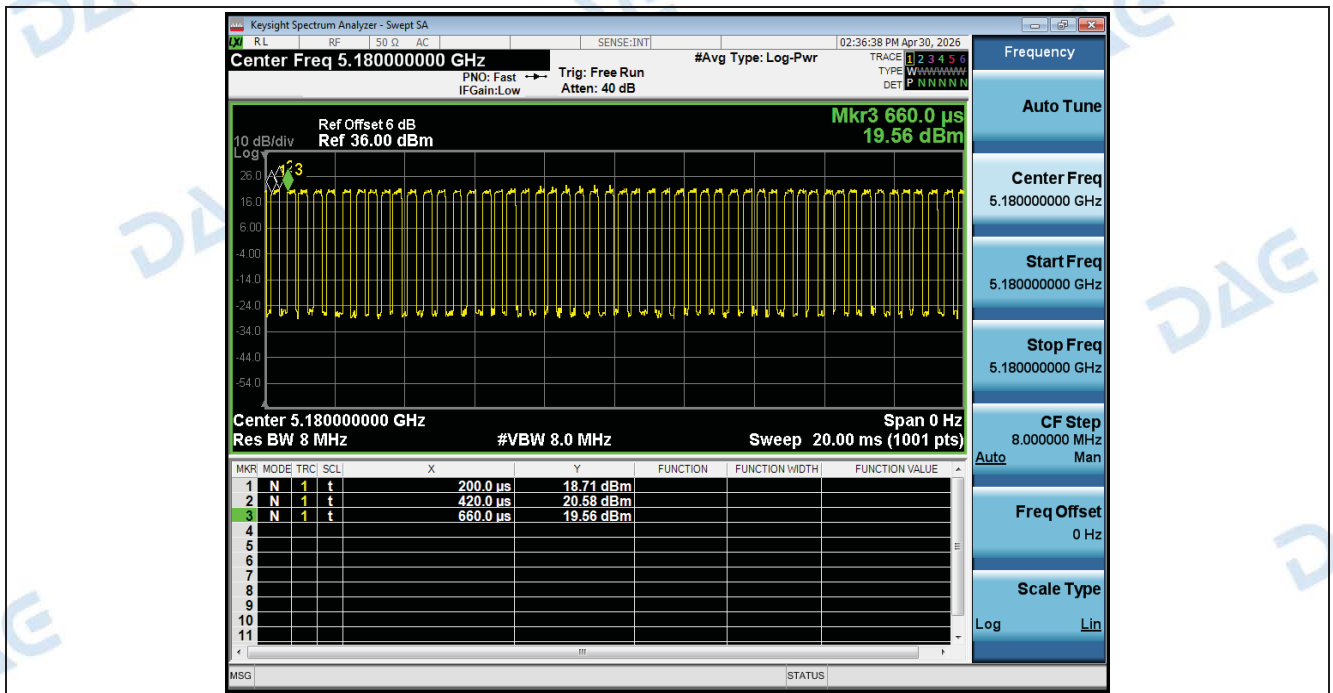
Duty_Cycle_NVNT_ANT1_802_11a_5200



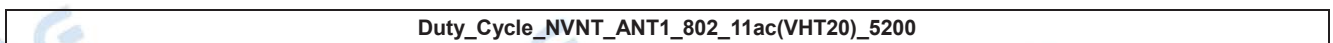
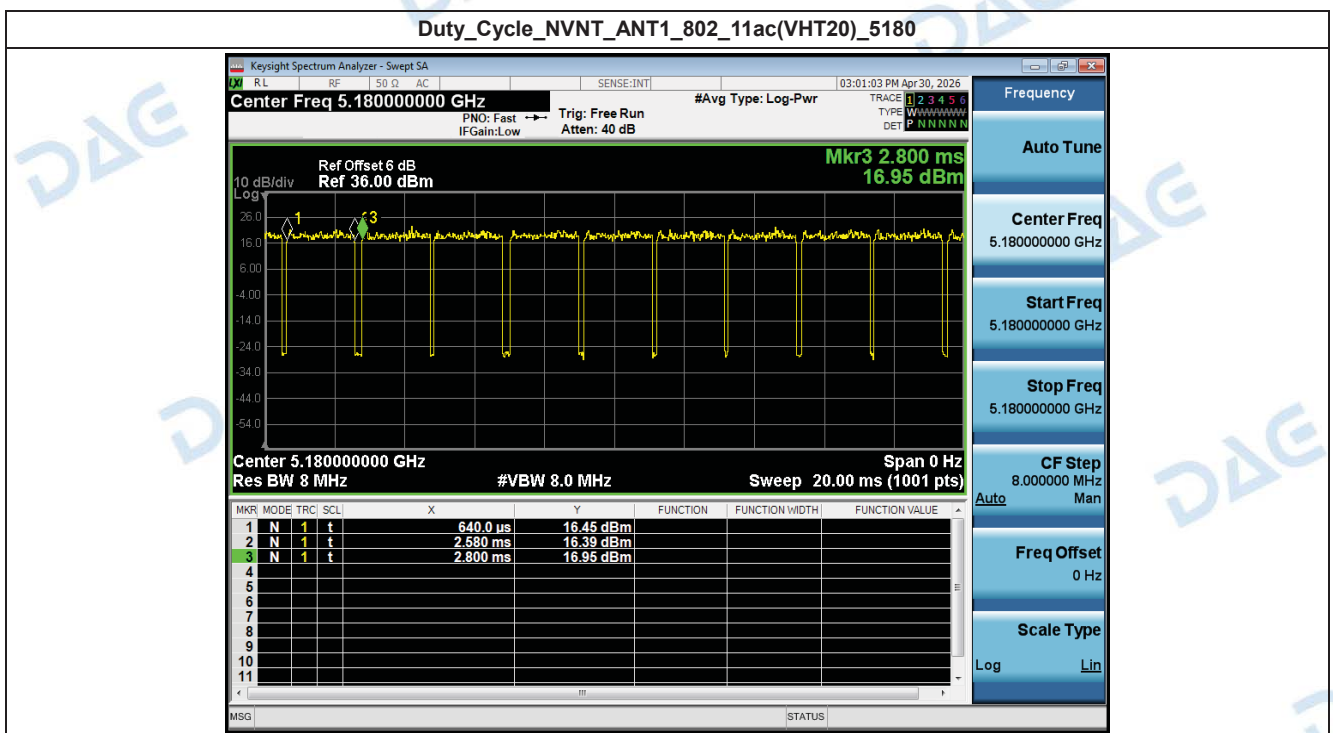
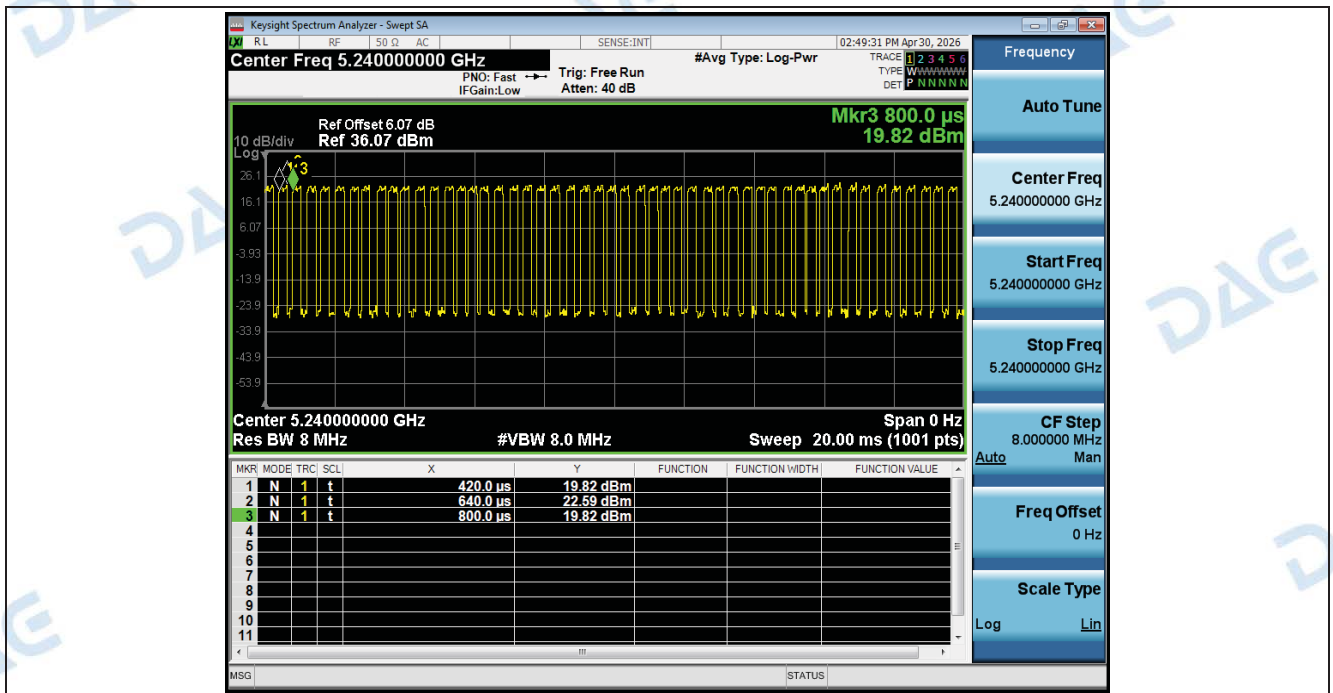
Duty_Cycle_NVNT_ANT1_802_11a_5240

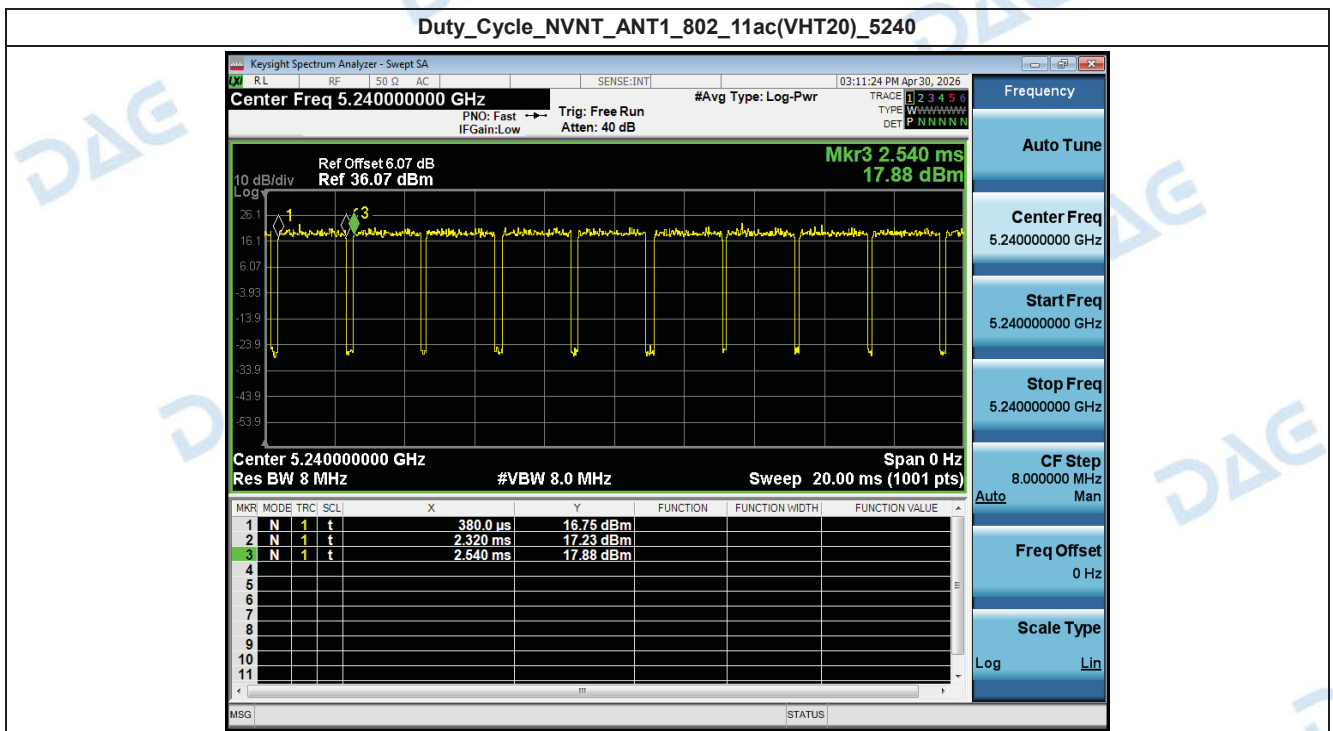
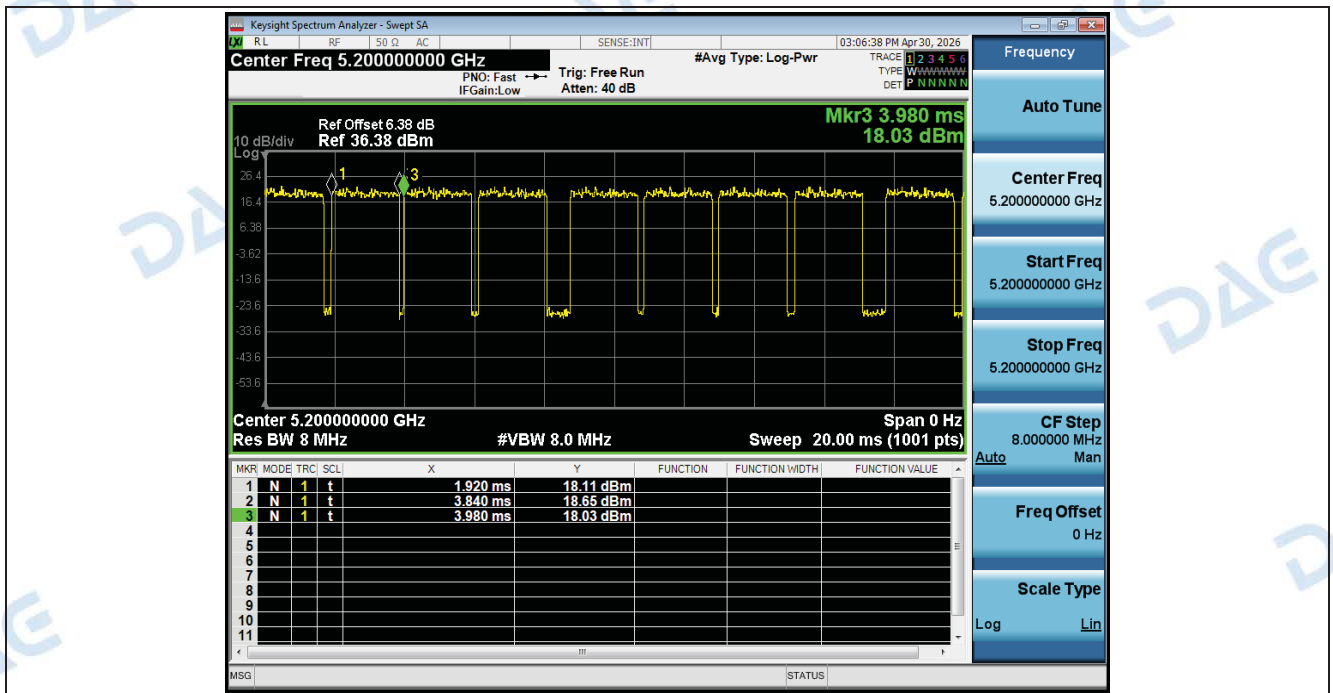


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5180

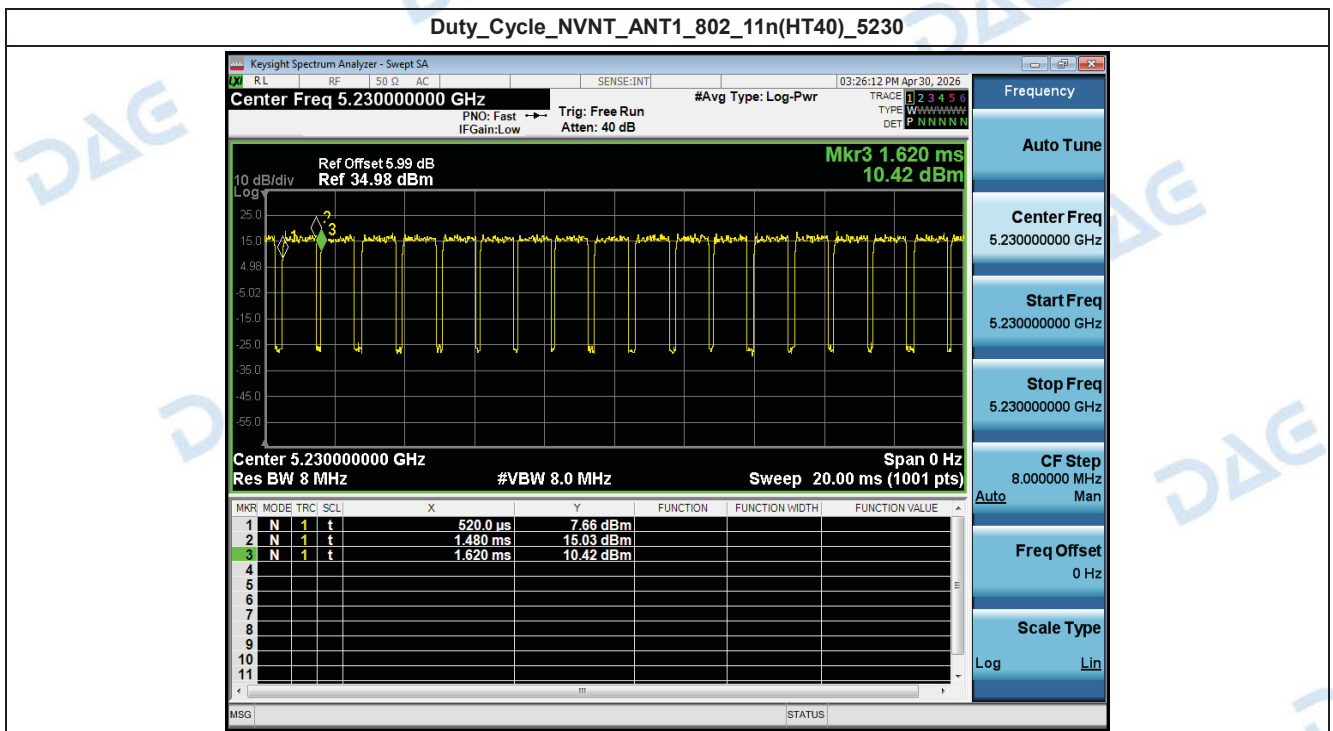
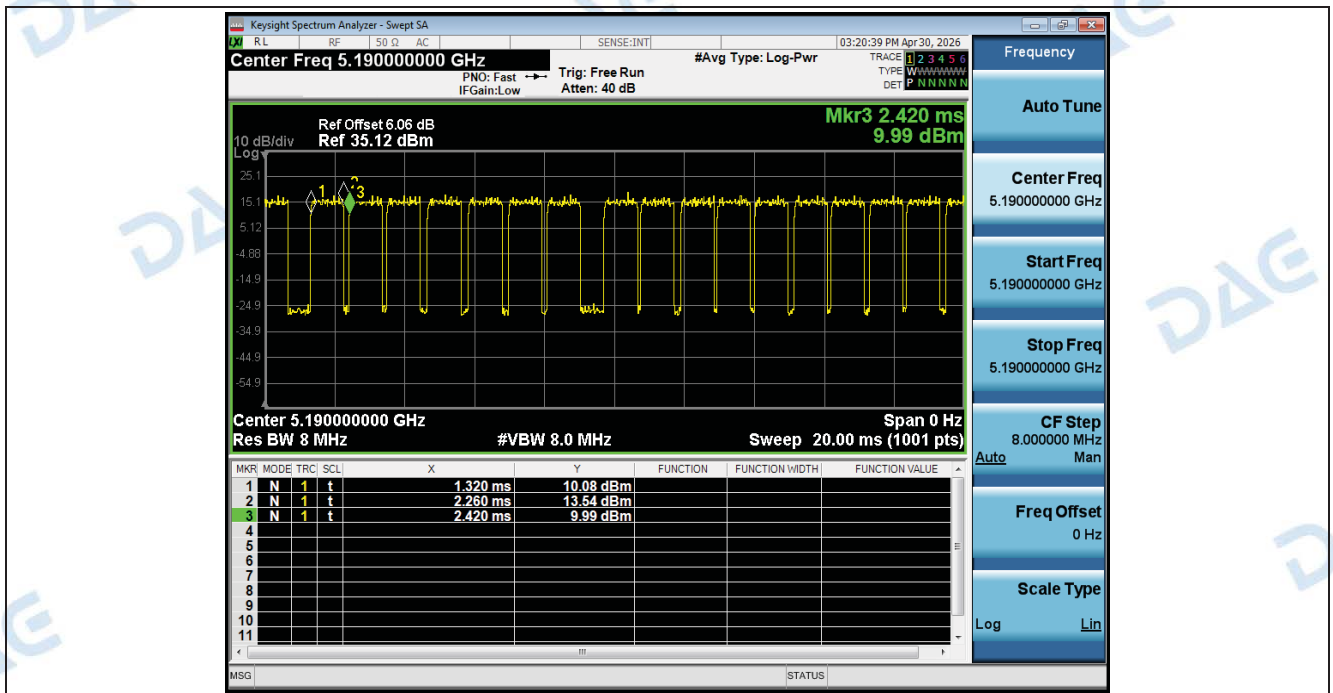


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5240

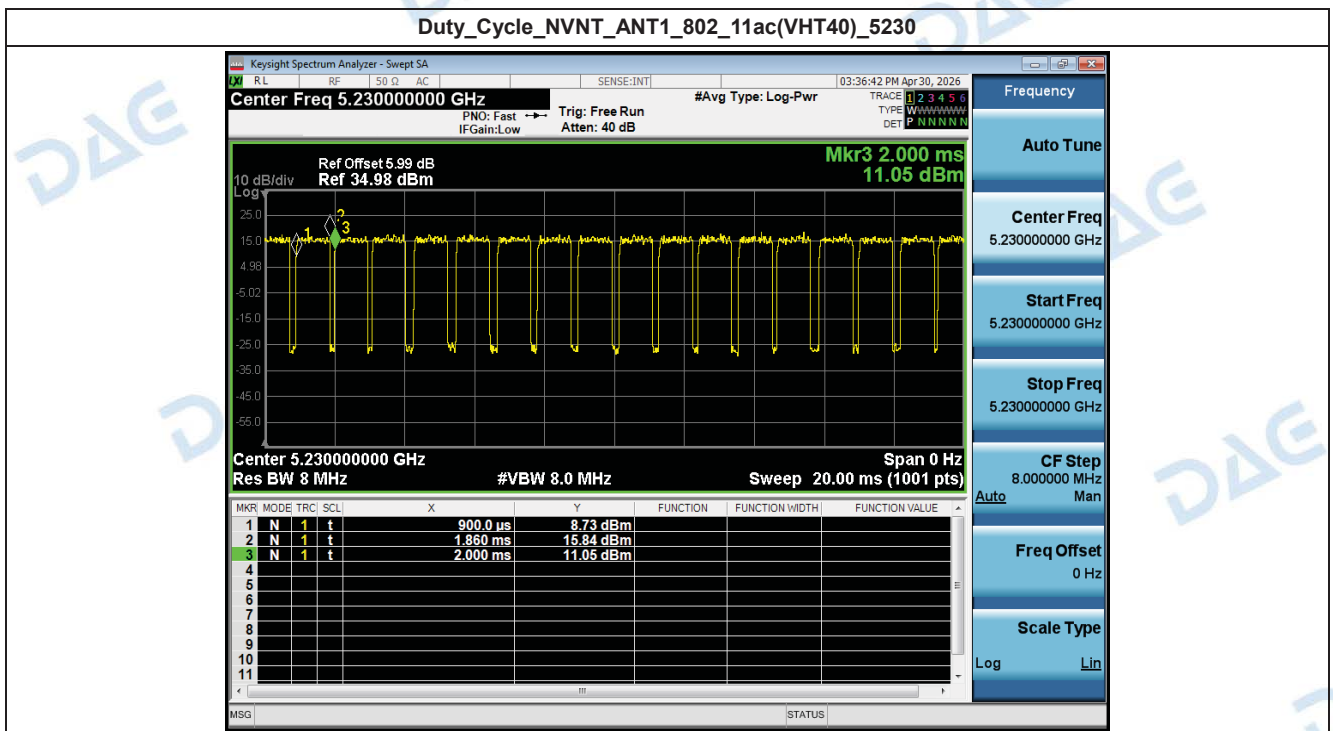
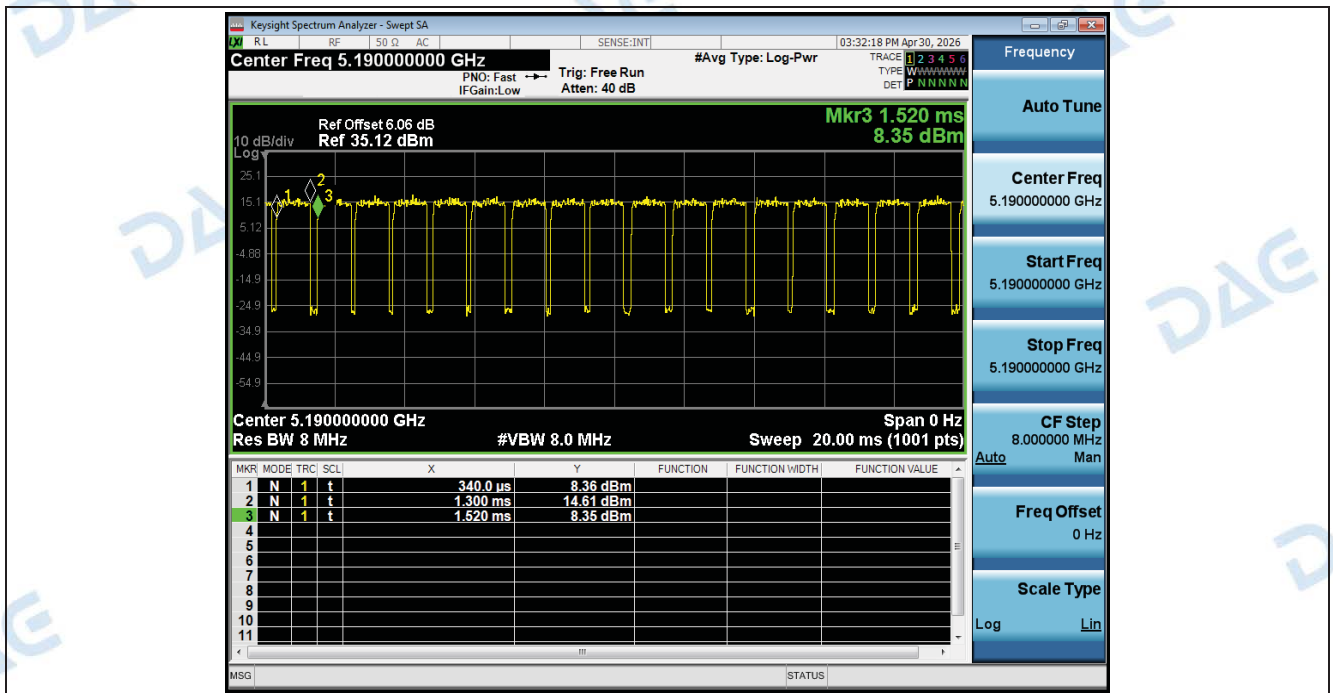




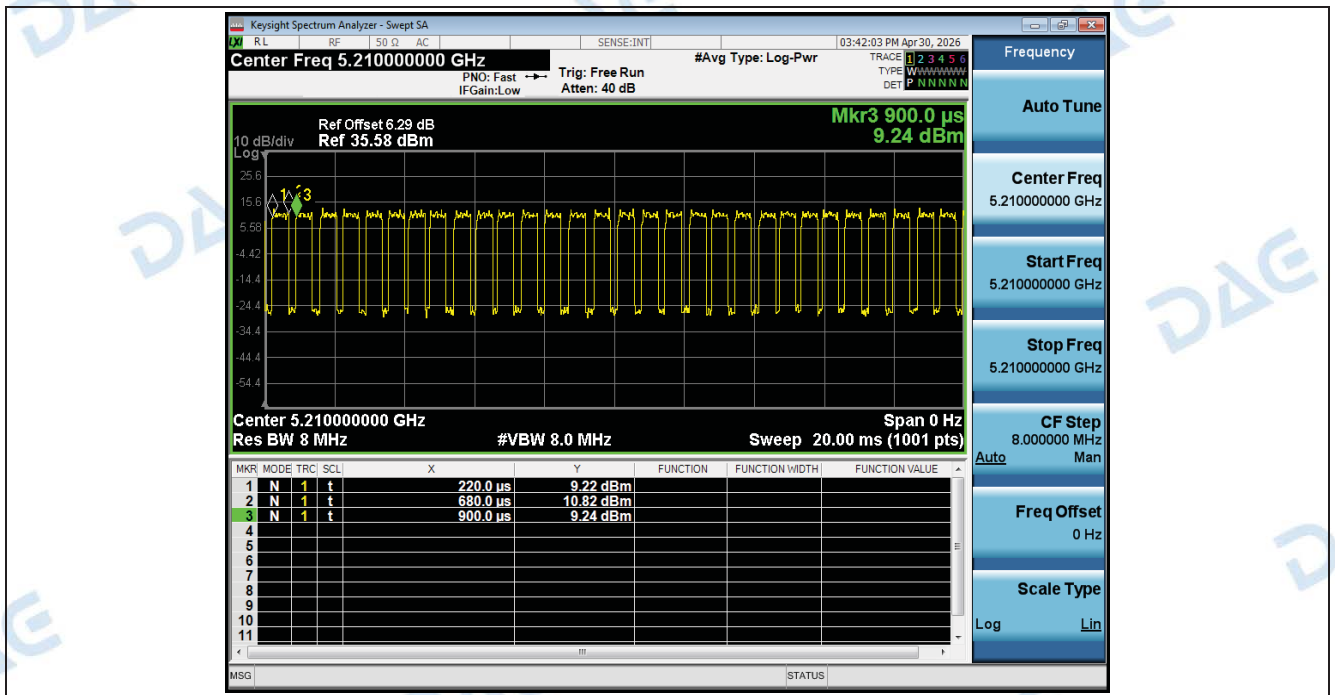
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5190



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5190



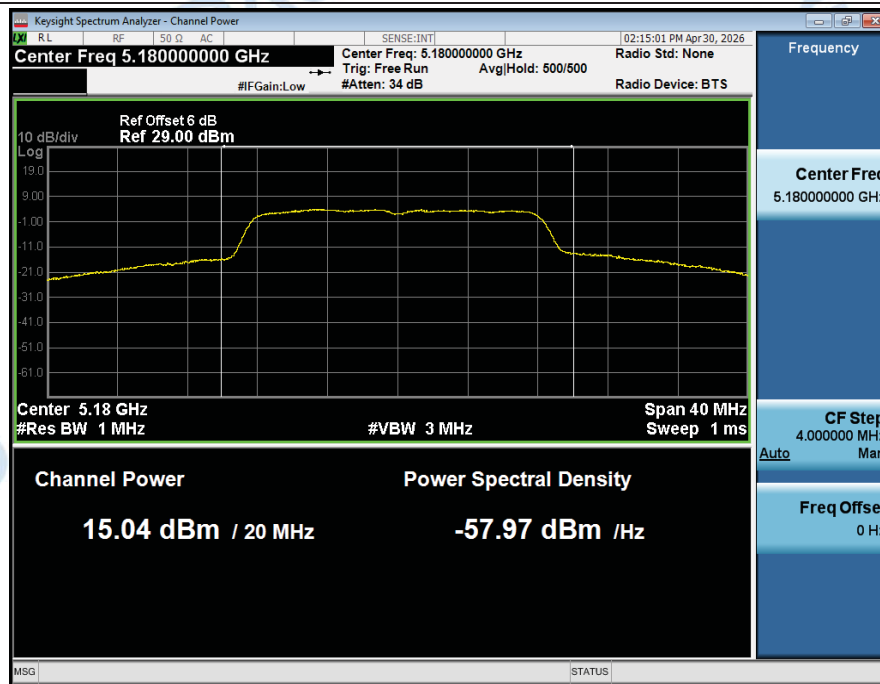
Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_5210



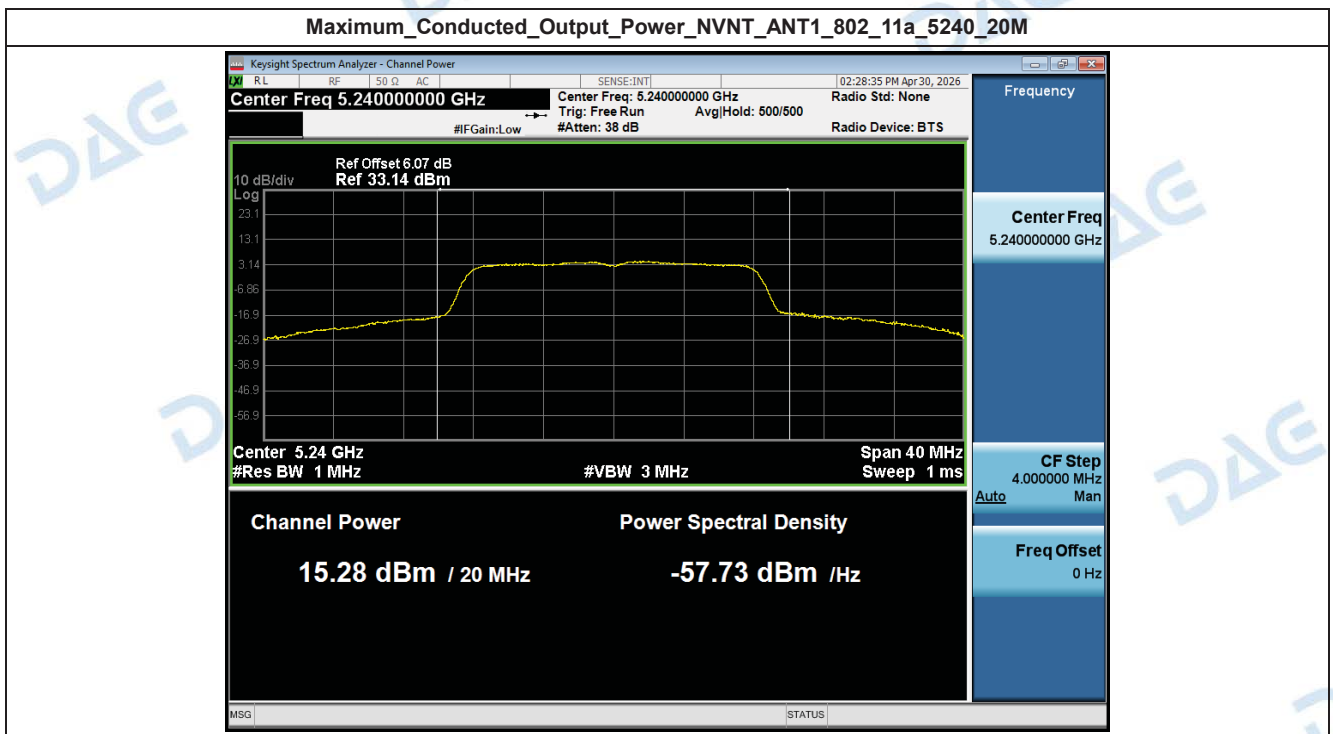
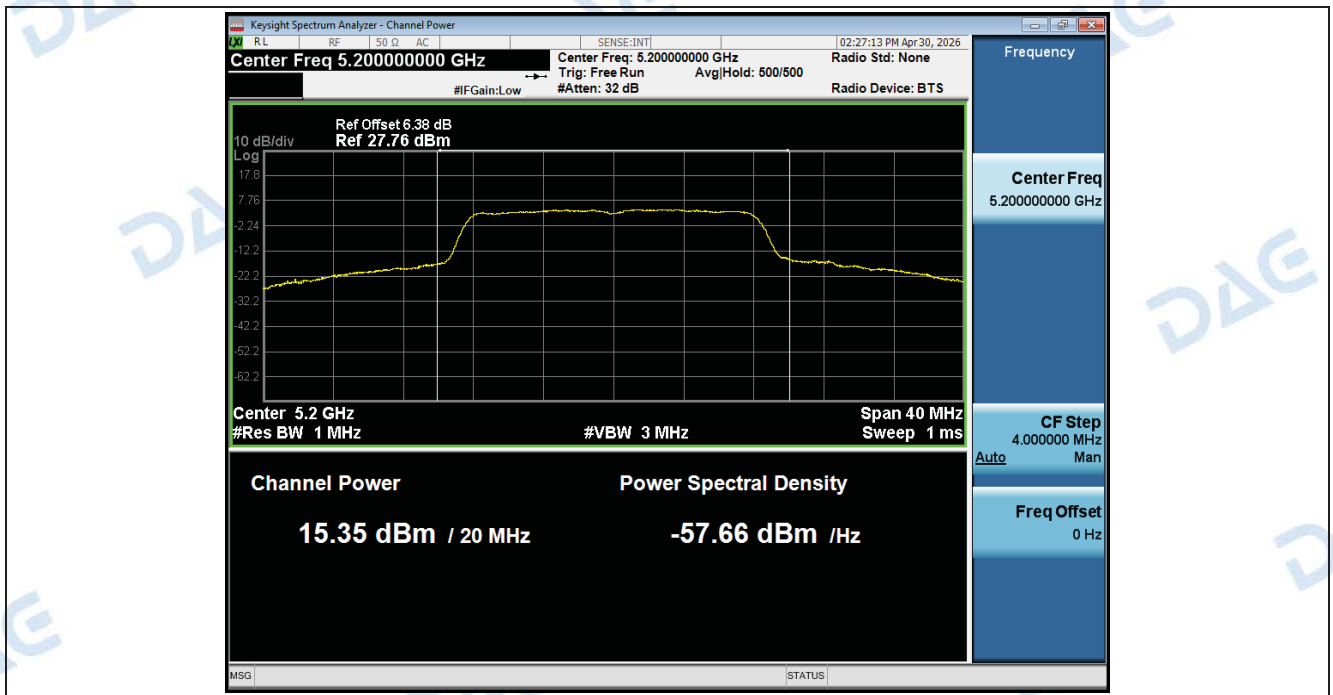
3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	15.04	2.28	17.32	24	Pass
NVNT	ANT1	802.11a	5200.00	15.35	1.65	17.00	24	Pass
NVNT	ANT1	802.11a	5240.00	15.28	2.63	17.91	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	14.07	0.00	14.07	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	14.68	2.81	17.49	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	14.67	2.37	17.04	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	14.26	0.47	14.73	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	14.47	0.31	14.78	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	14.60	0.47	15.07	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	13.29	0.00	13.29	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	13.60	0.59	14.19	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	12.85	0.00	12.85	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	12.54	0.59	13.13	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	11.02	0.00	11.02	24	Pass

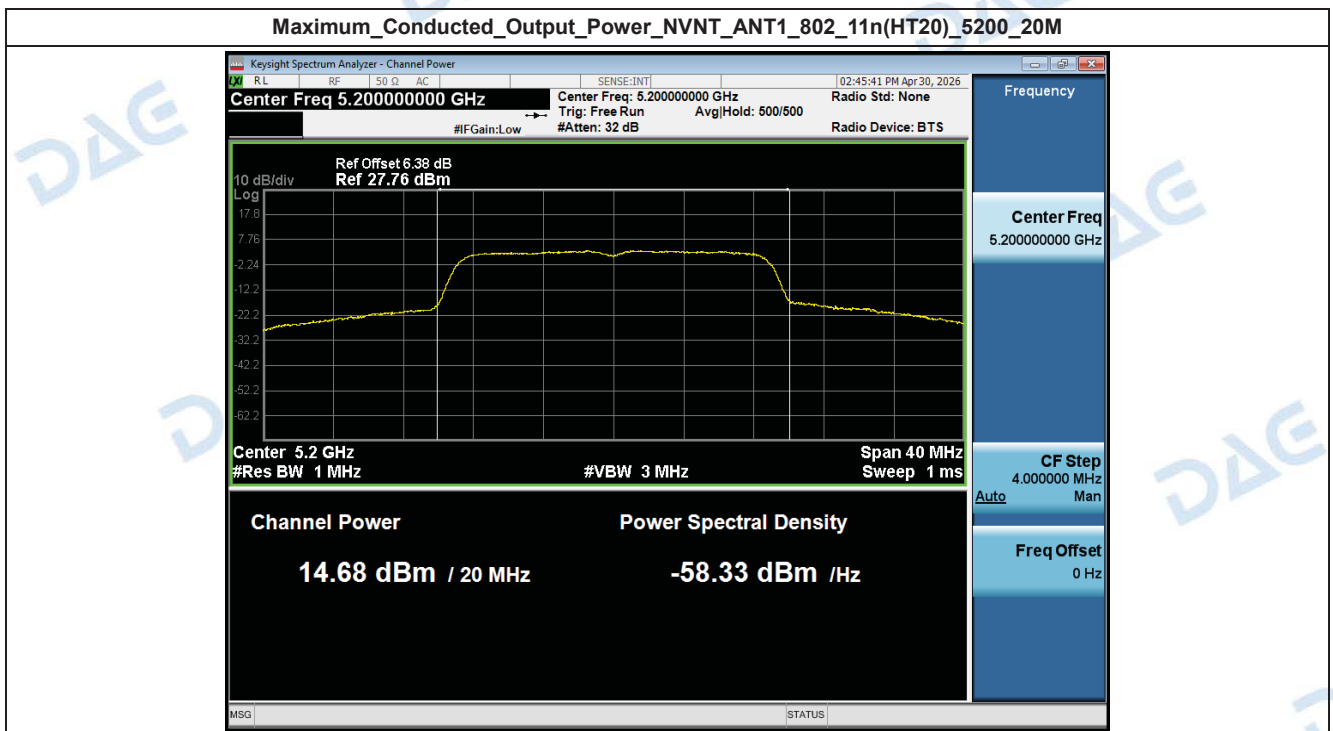
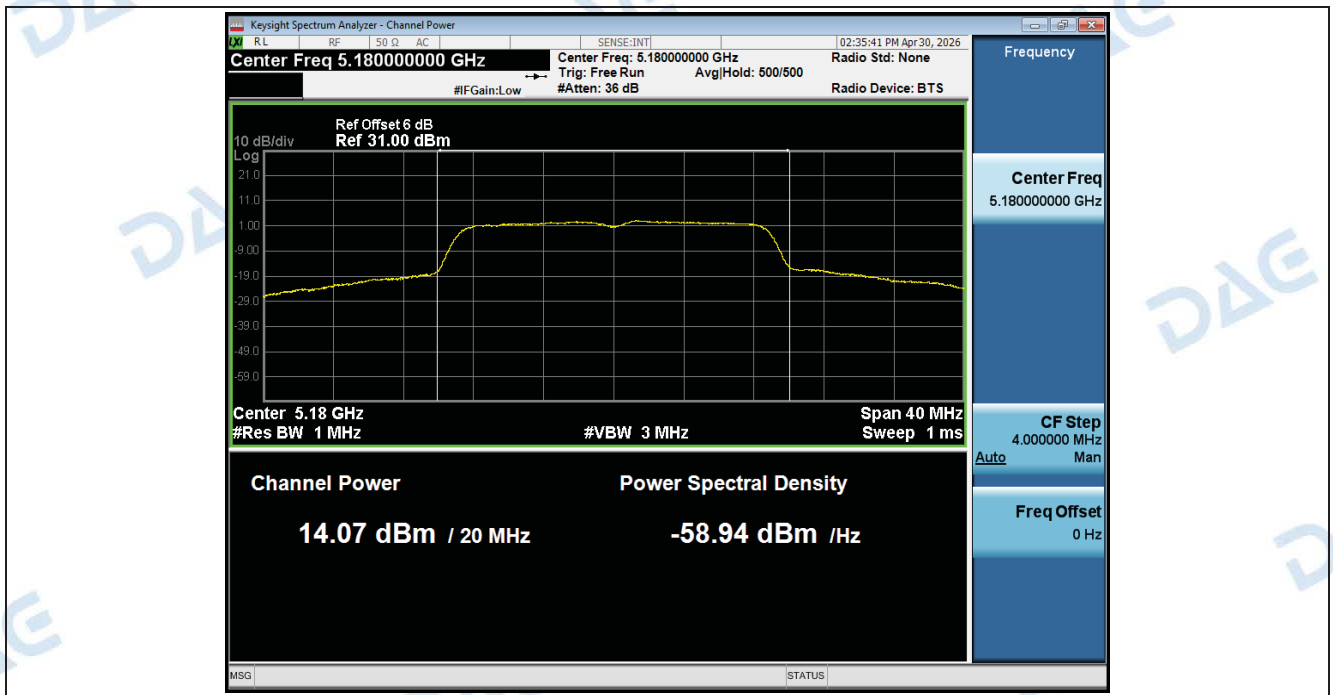
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5180_20M



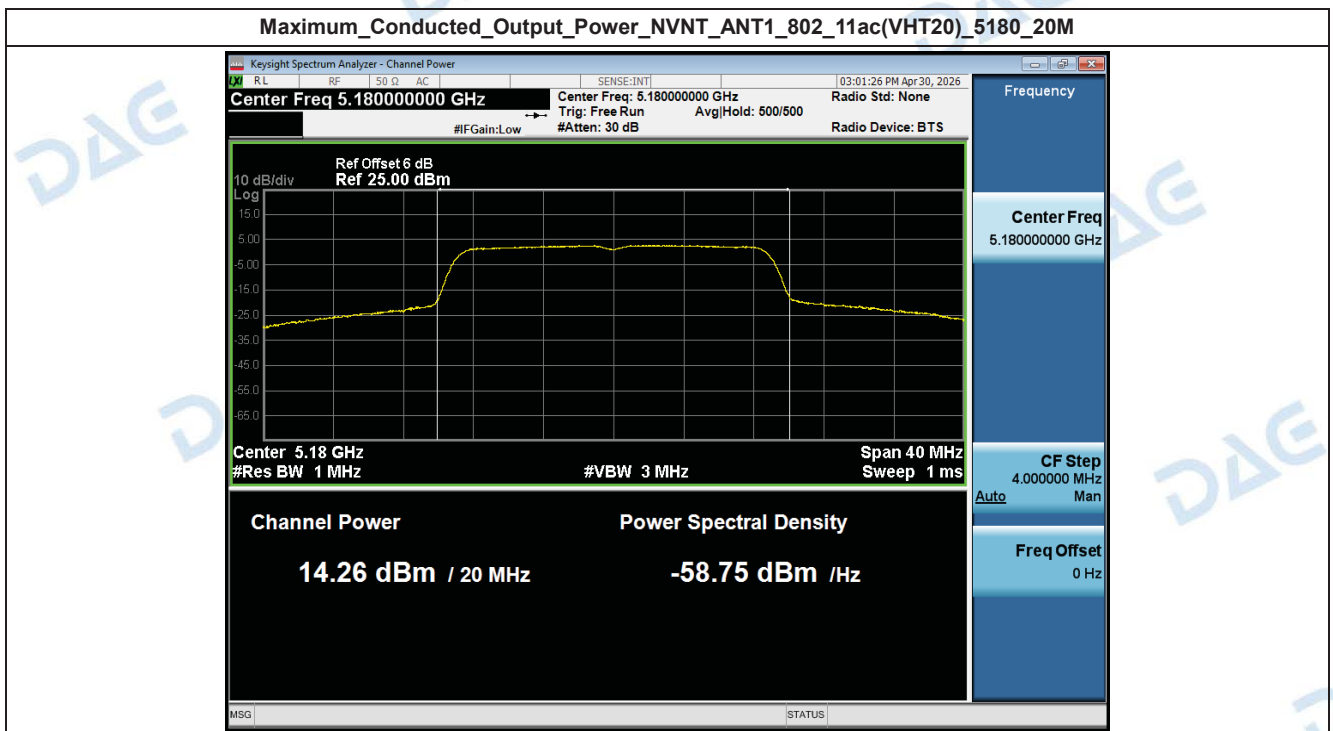
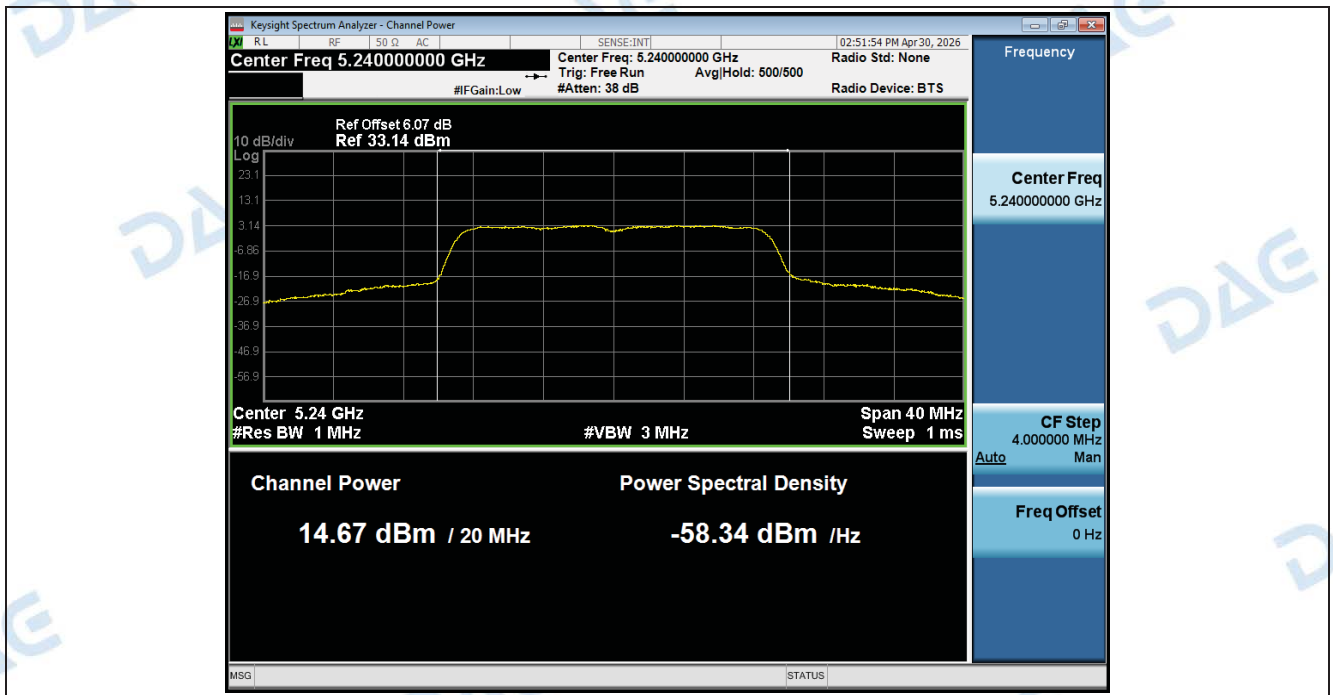
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5200_20M

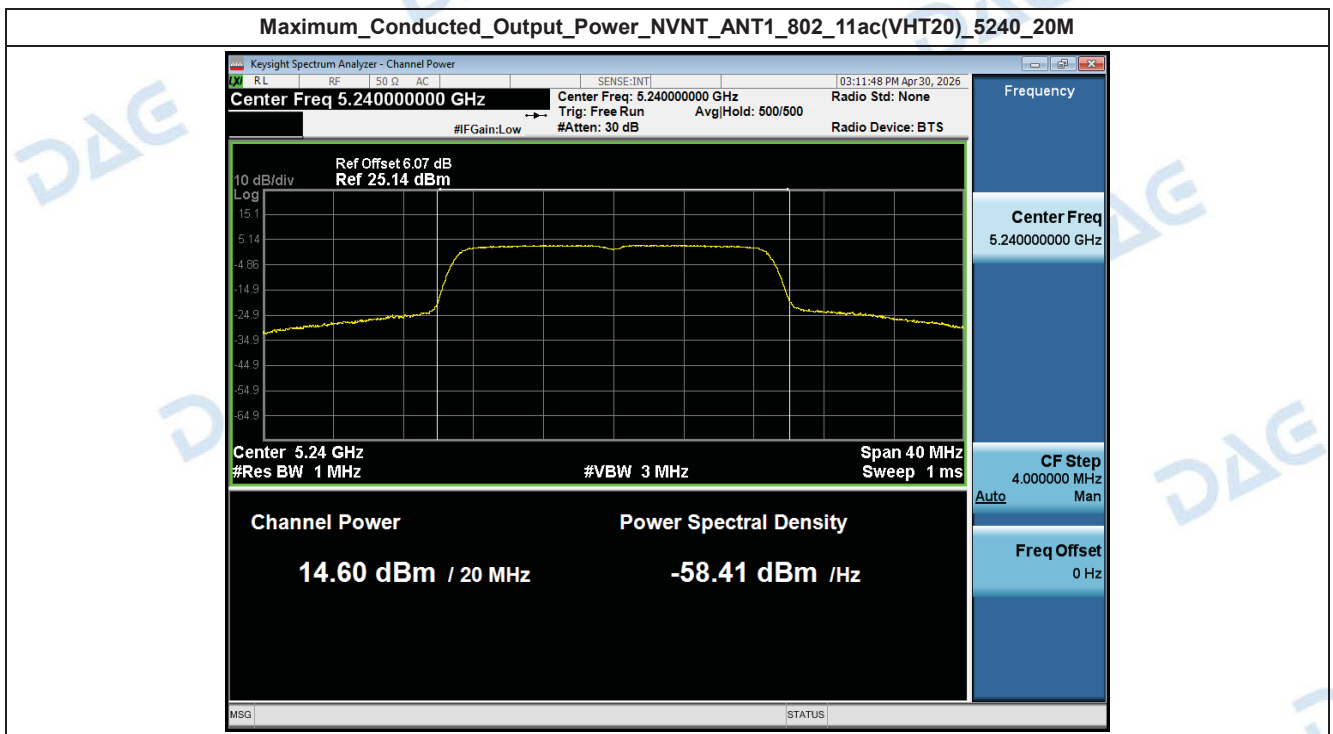
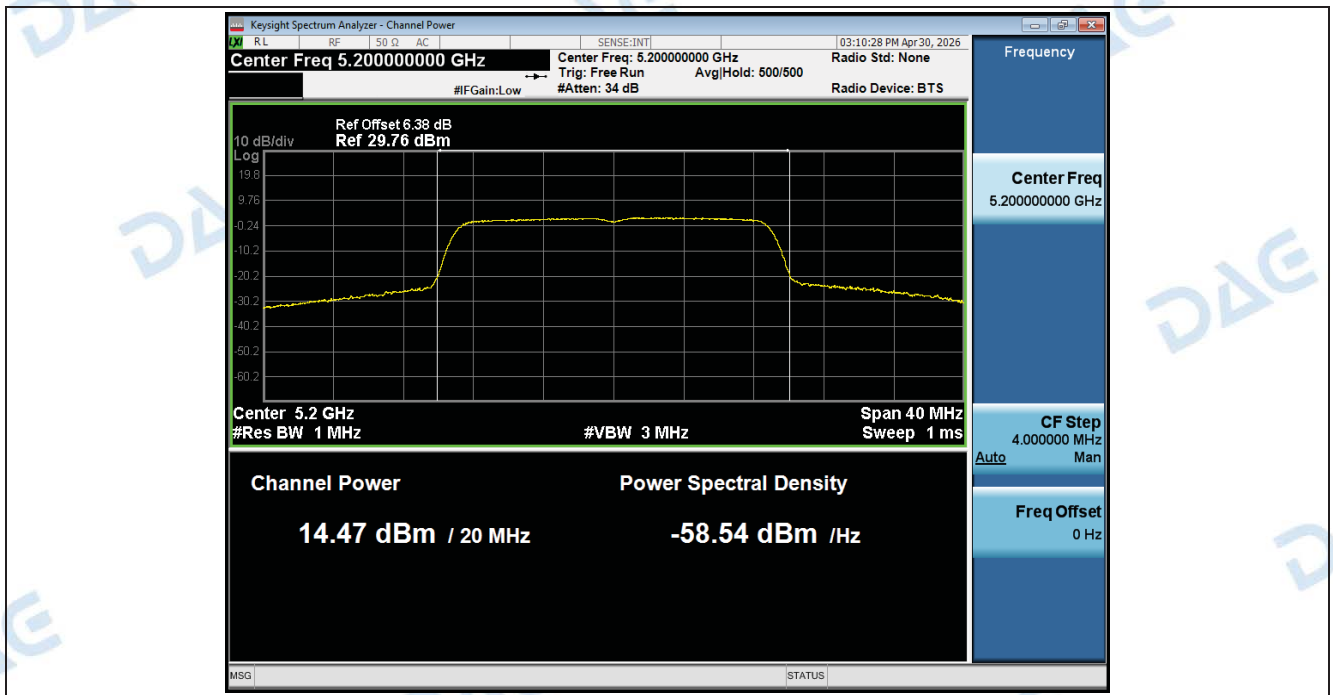


Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5180_20M

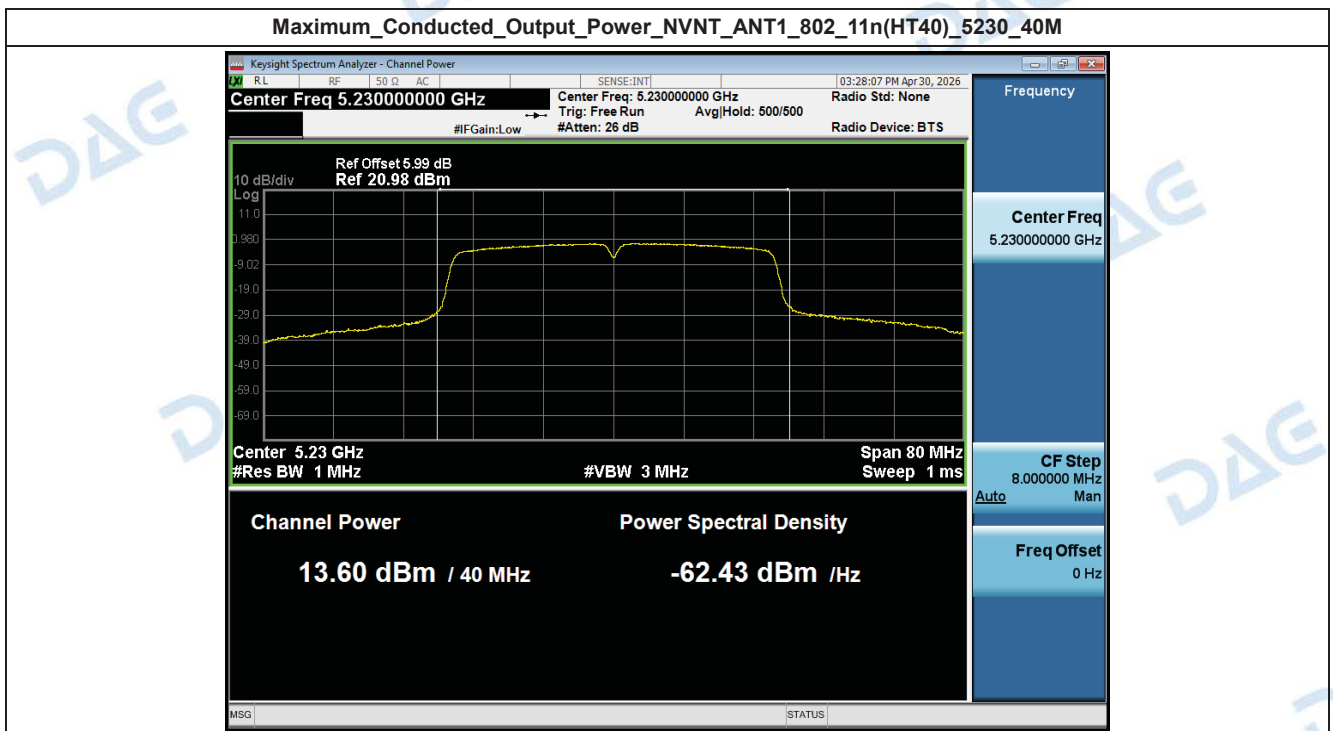
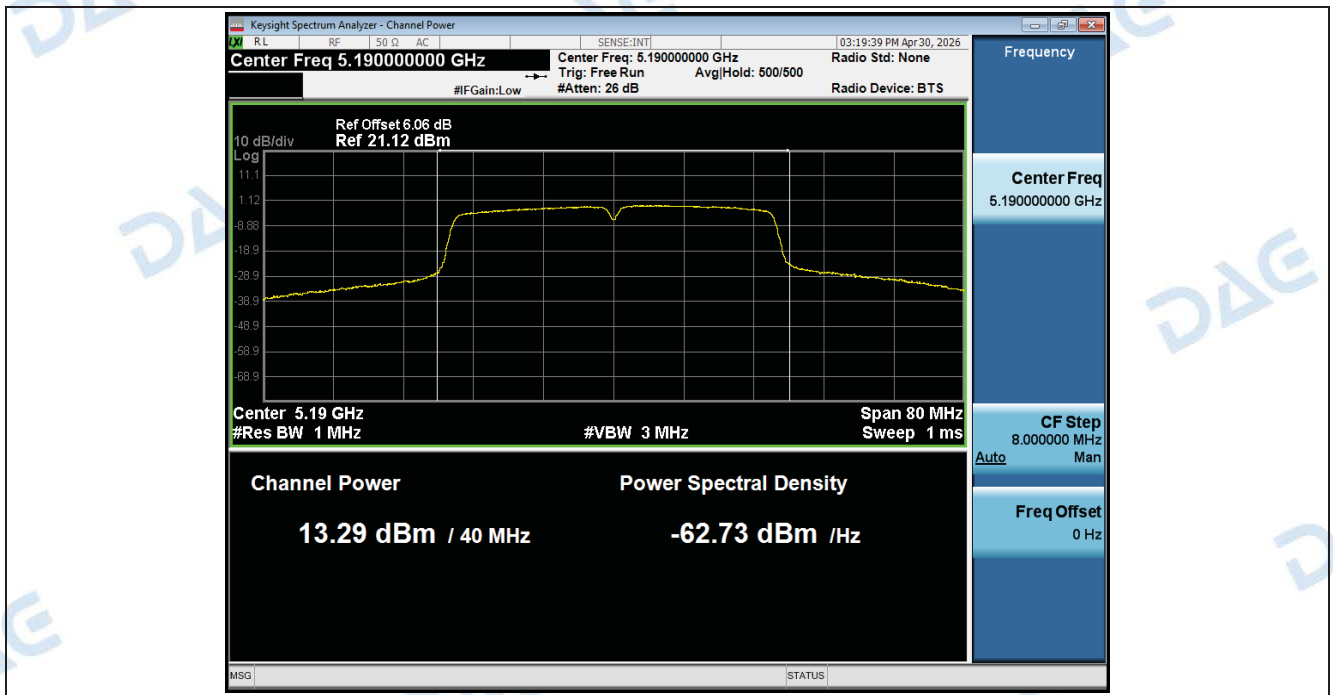


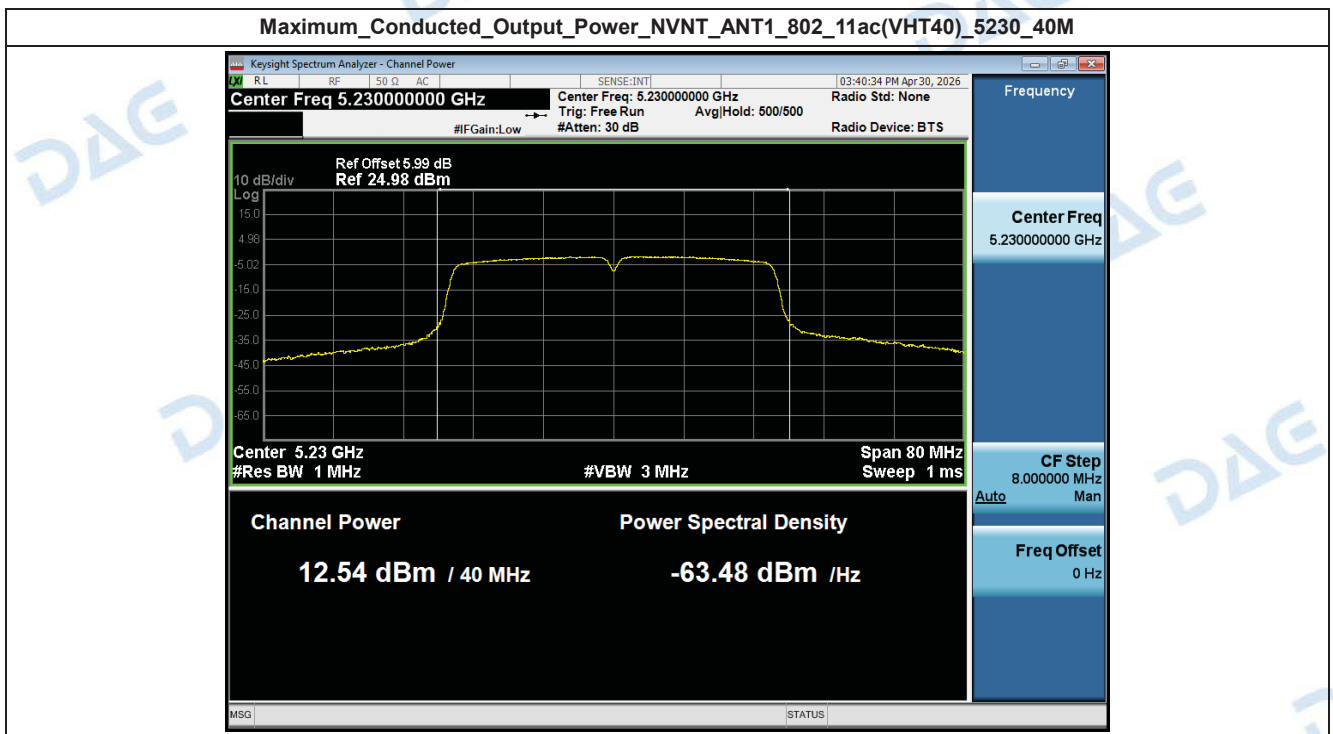
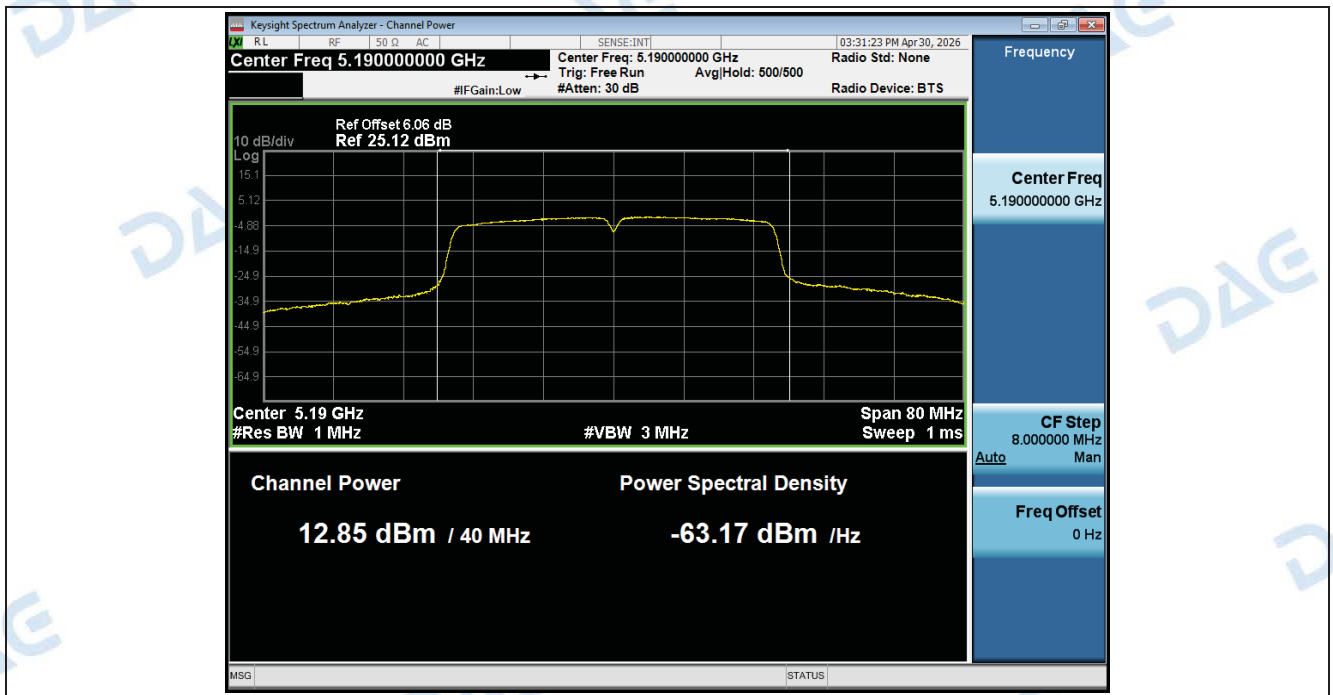
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5240_20M

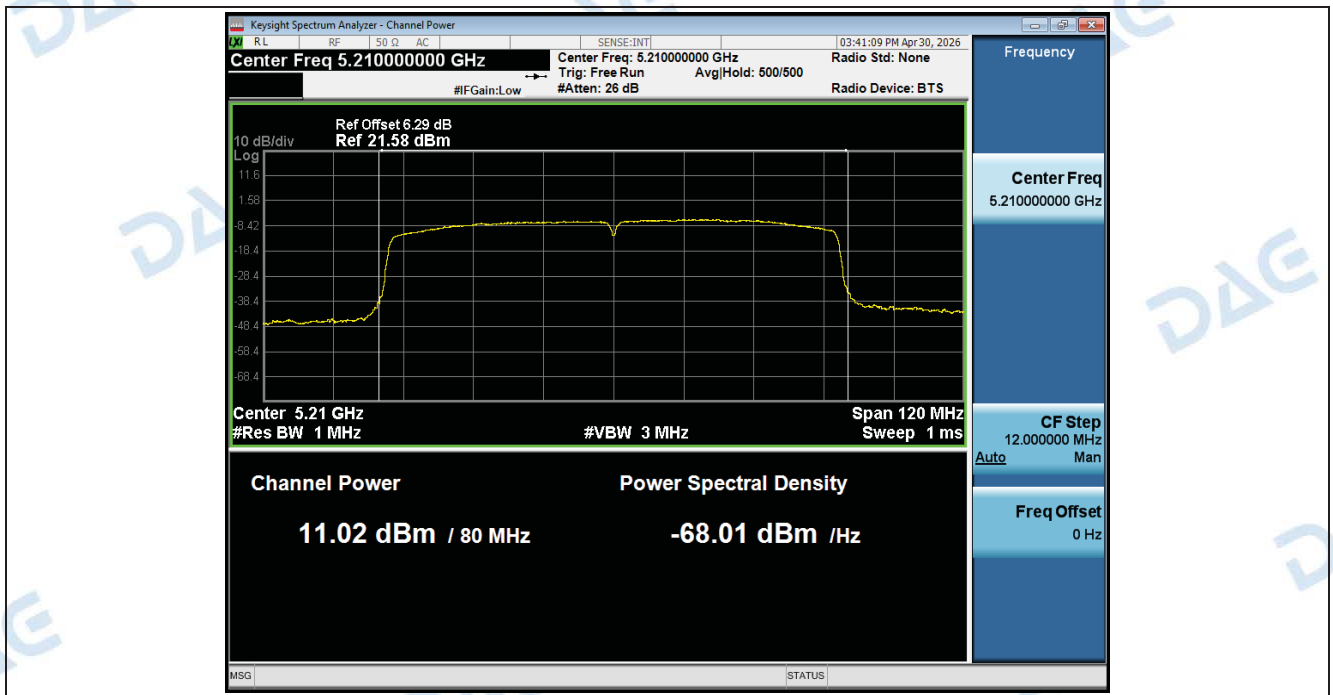




Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5190_40M







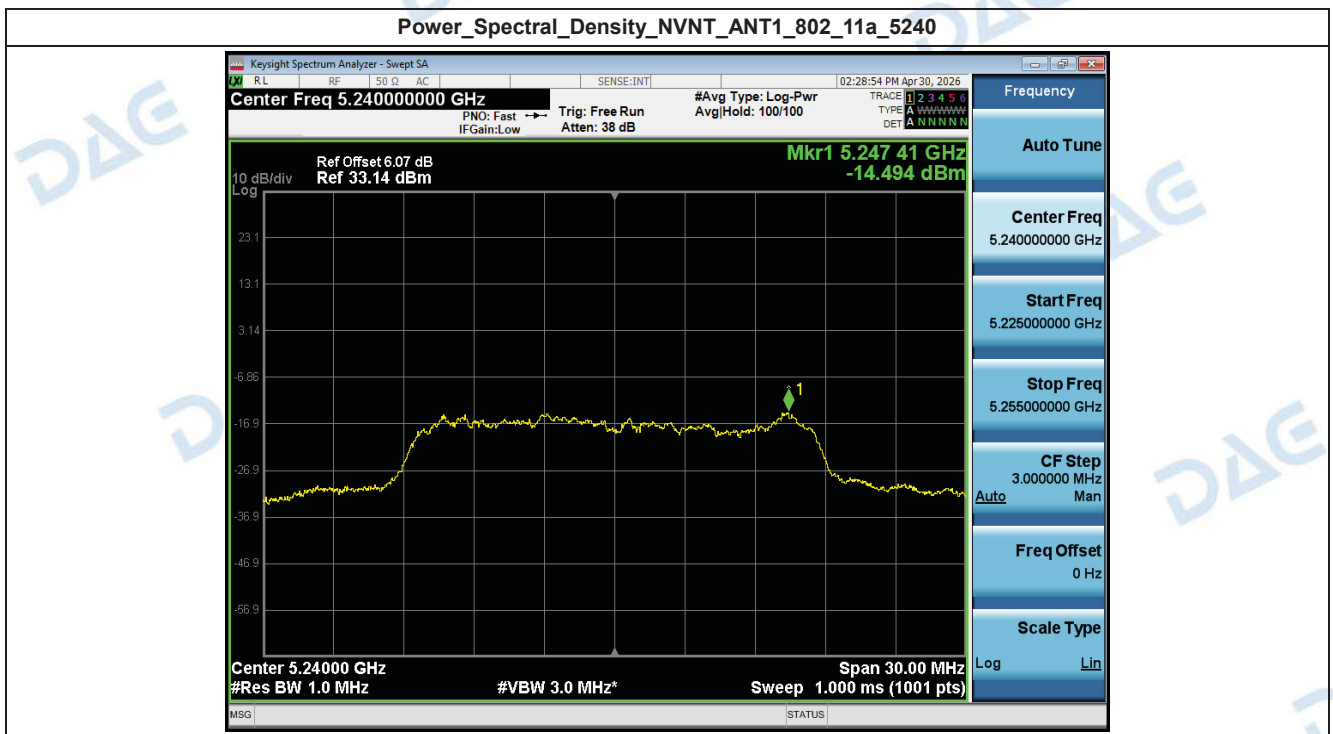
4. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-15.44	2.28	-13.16	11	Pass
NVNT	ANT1	802.11a	5200.00	-15.49	1.65	-13.84	11	Pass
NVNT	ANT1	802.11a	5240.00	-14.49	2.63	-11.86	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-16.05	3.20	-12.85	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-13.42	2.81	-10.61	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-16.29	2.37	-13.92	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-3.28	0.47	-2.81	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-1.19	0.31	-0.88	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-1.83	0.47	-1.36	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-9.11	0.68	-8.43	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-7.27	0.59	-6.68	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-11.21	0.90	-10.31	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-8.54	0.59	-7.95	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-19.20	1.70	-17.50	11	Pass

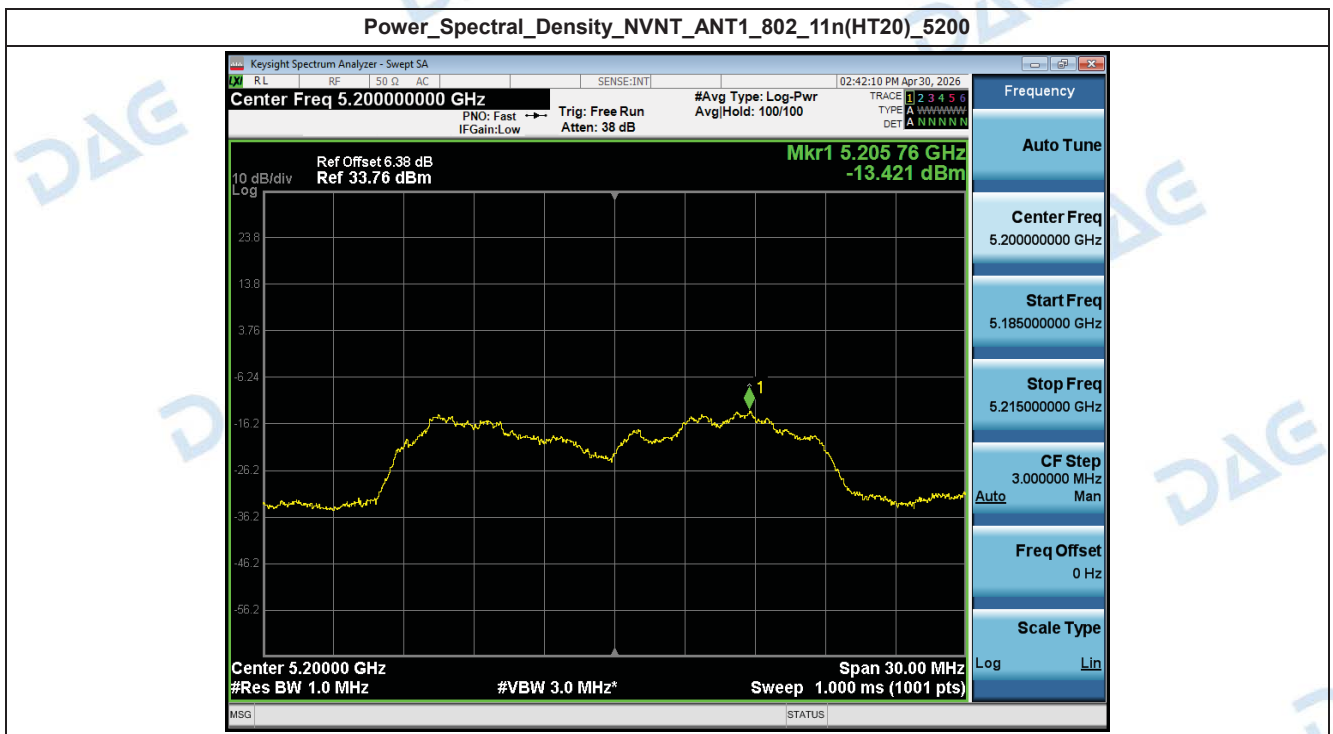
Power_Spectral_Density_NVNT_ANT1_802_11a_5180



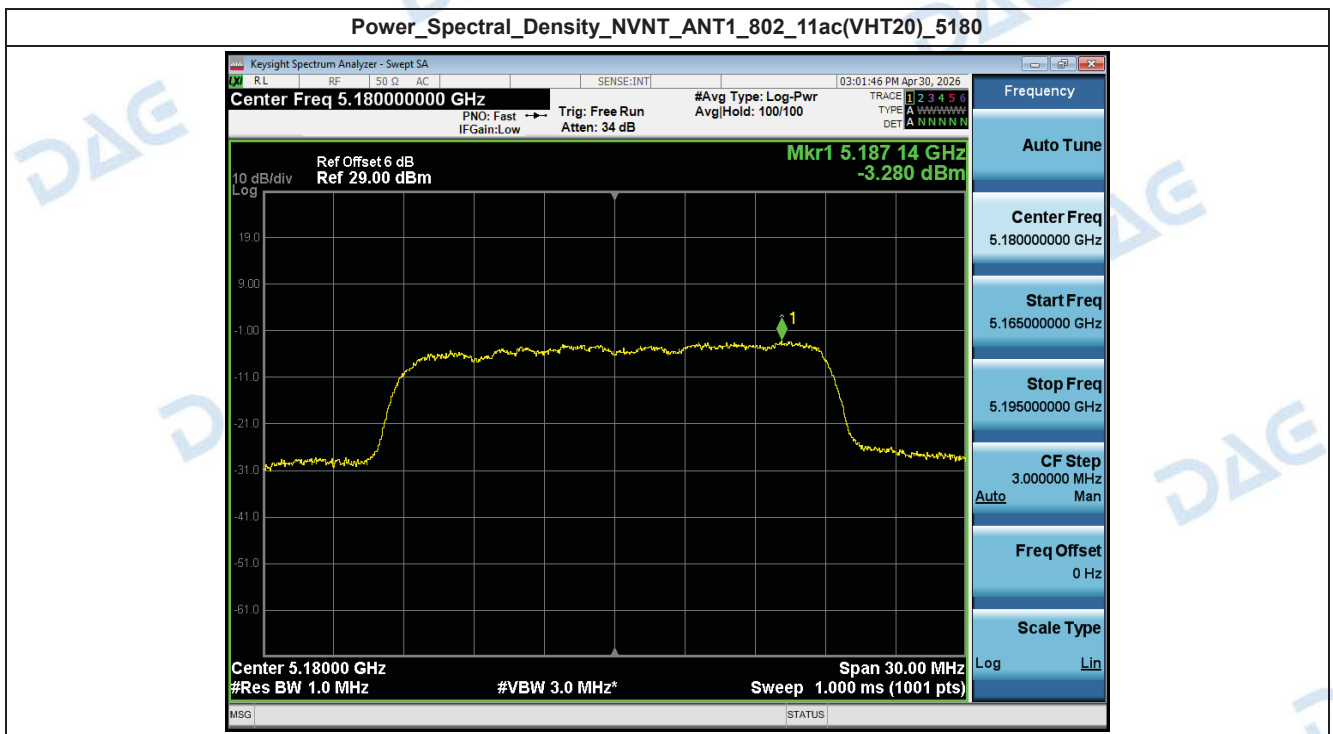
Power_Spectral_Density_NVNT_ANT1_802_11a_5200



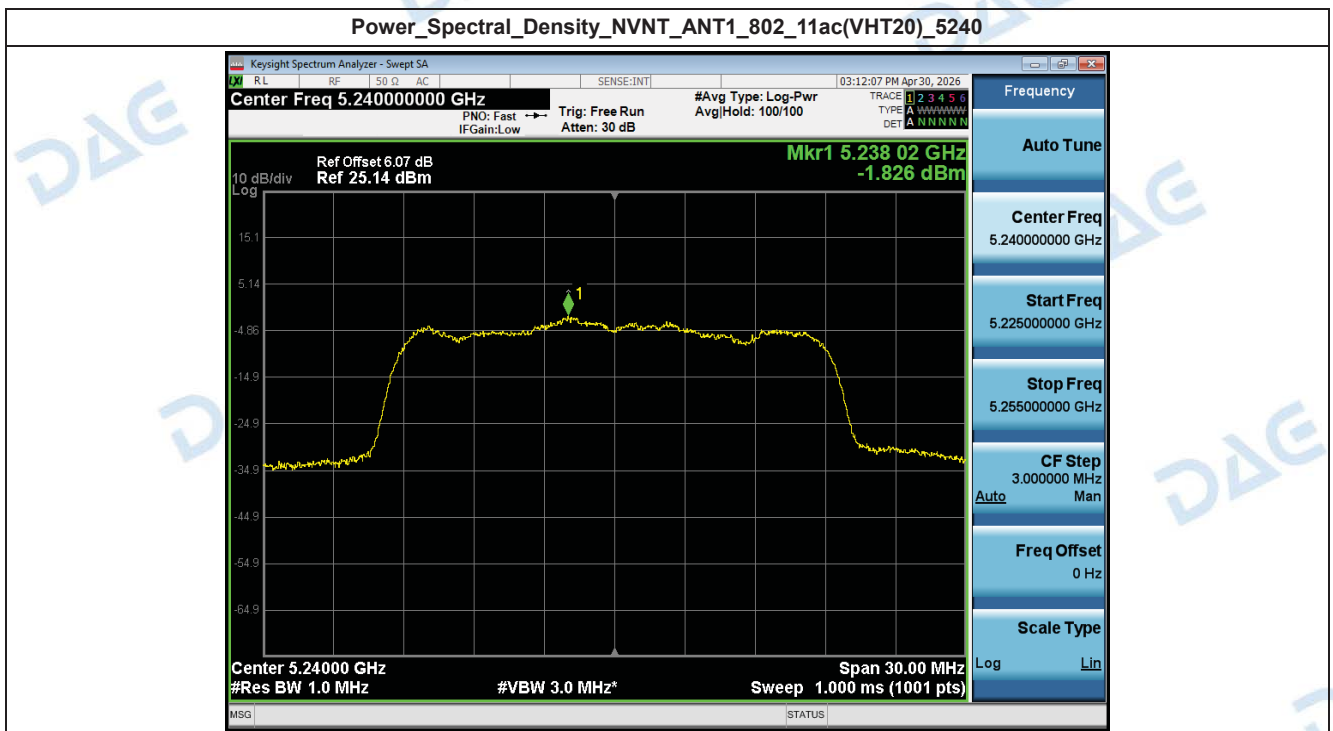
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5180



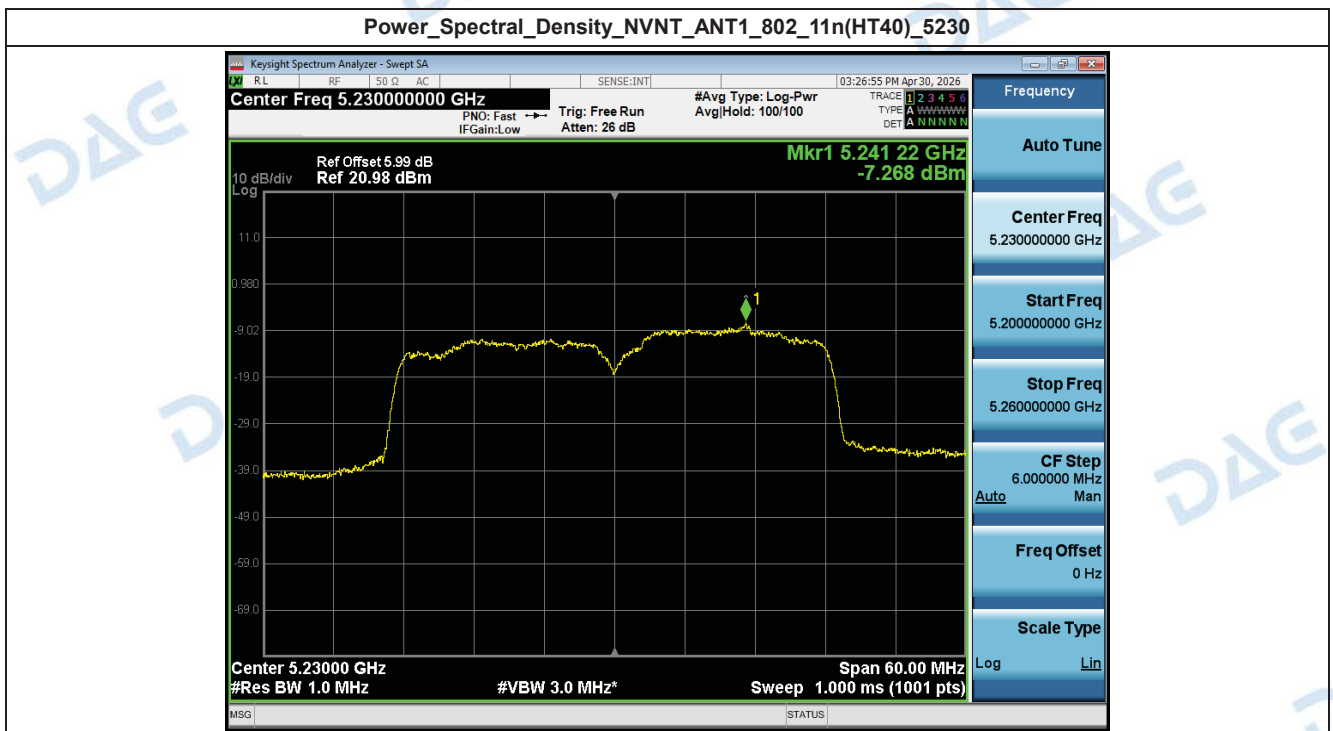
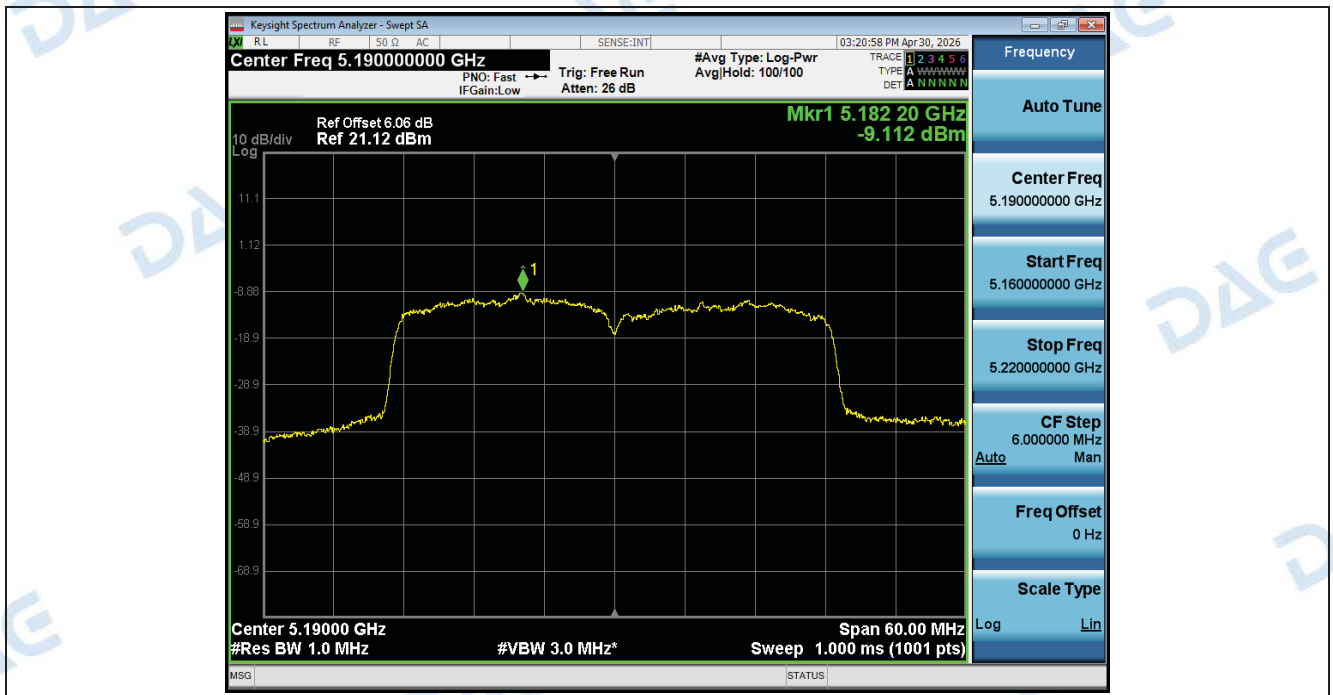
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5240

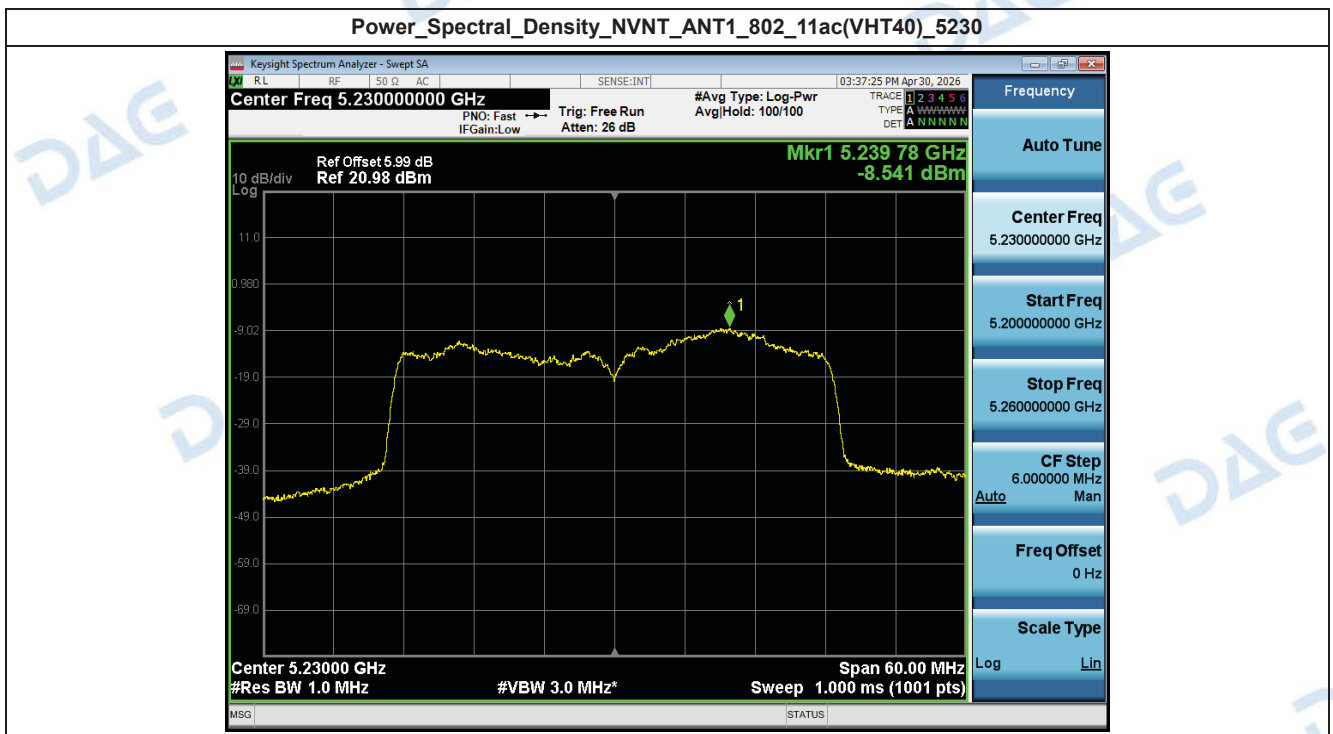
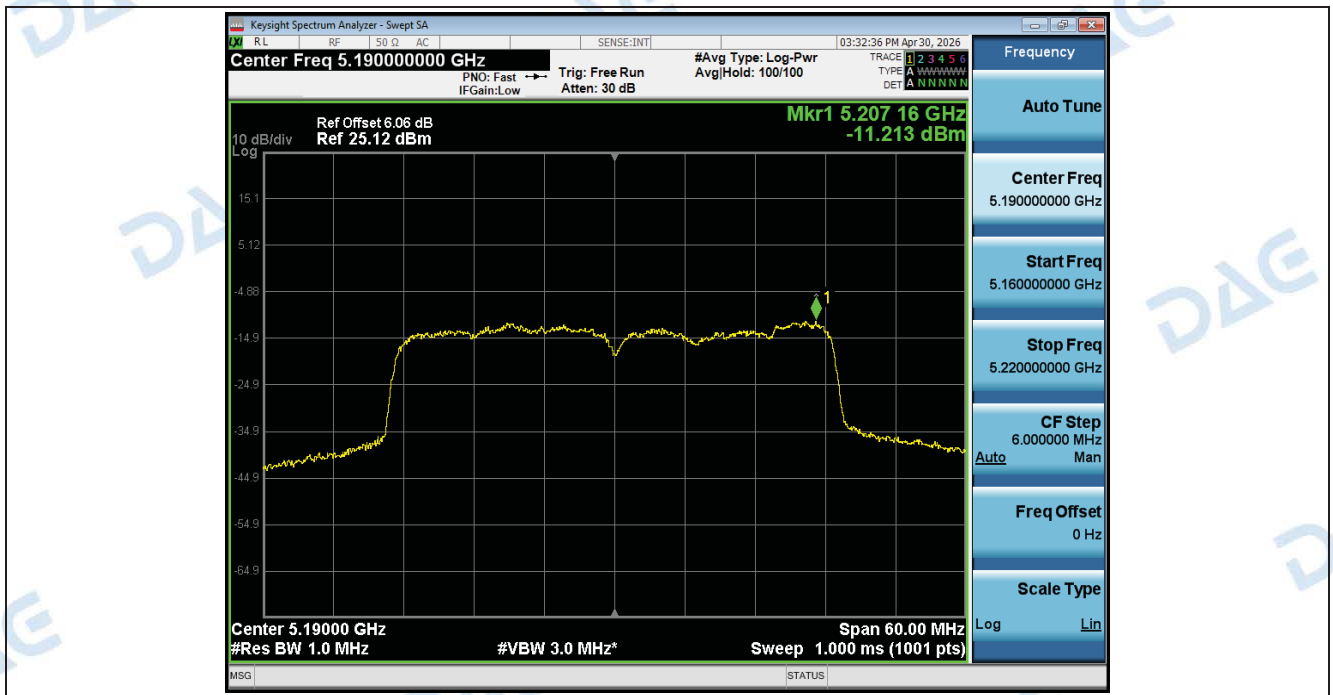


Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5200

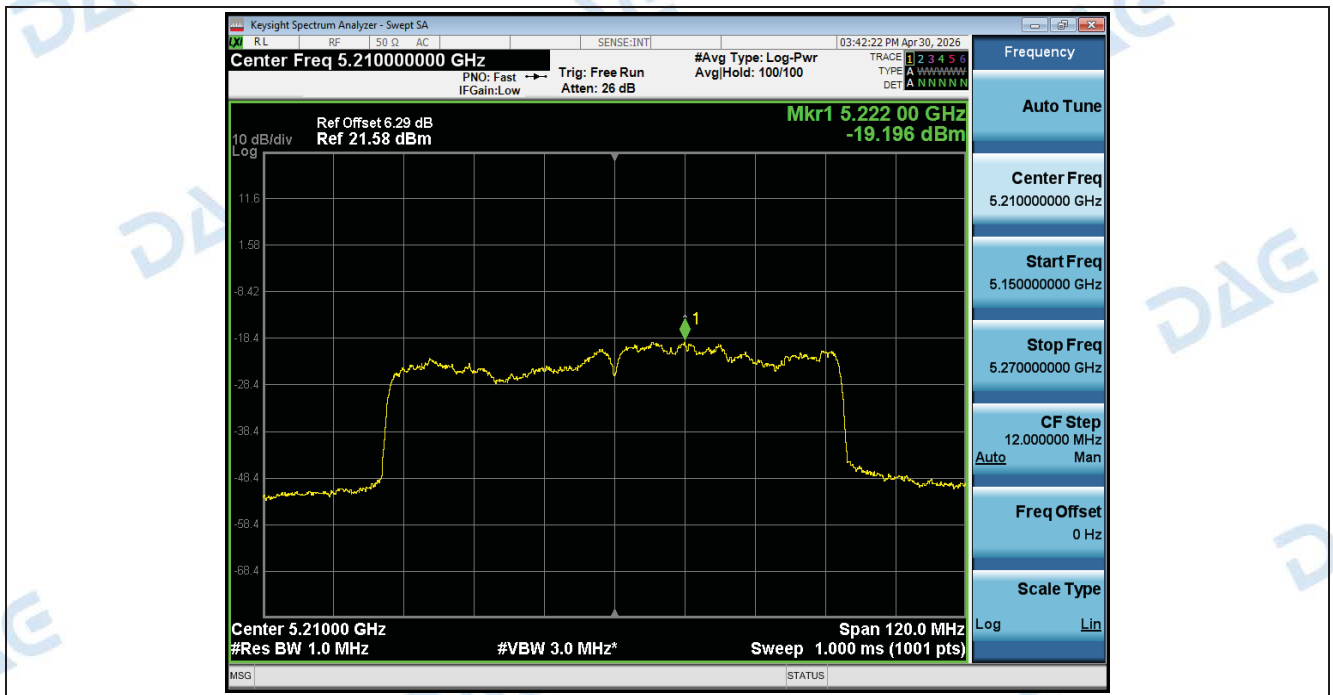


Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5190





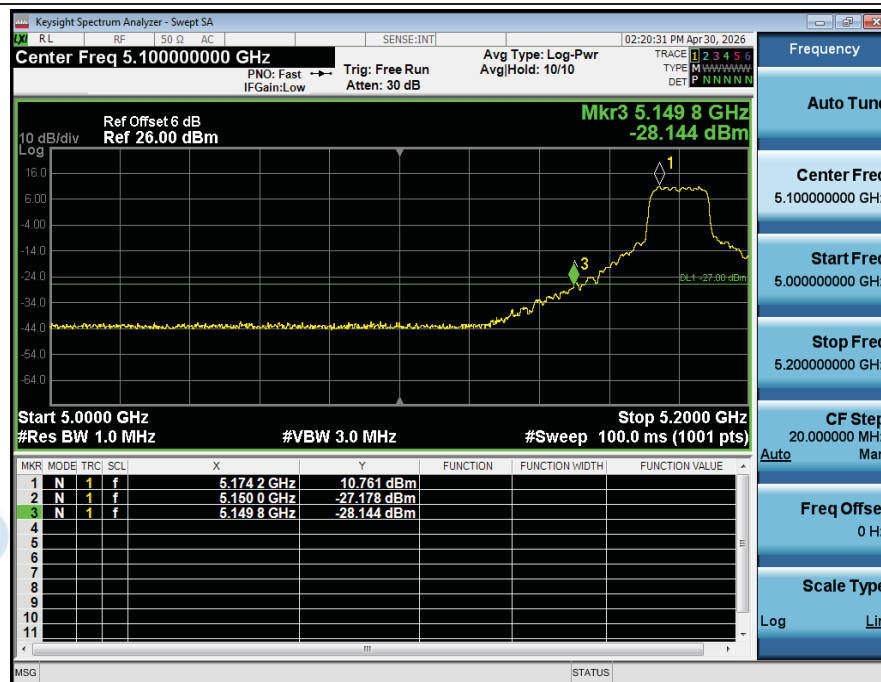
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5210



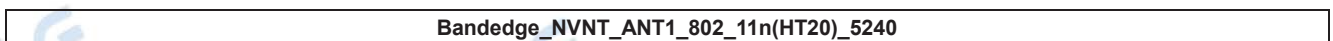
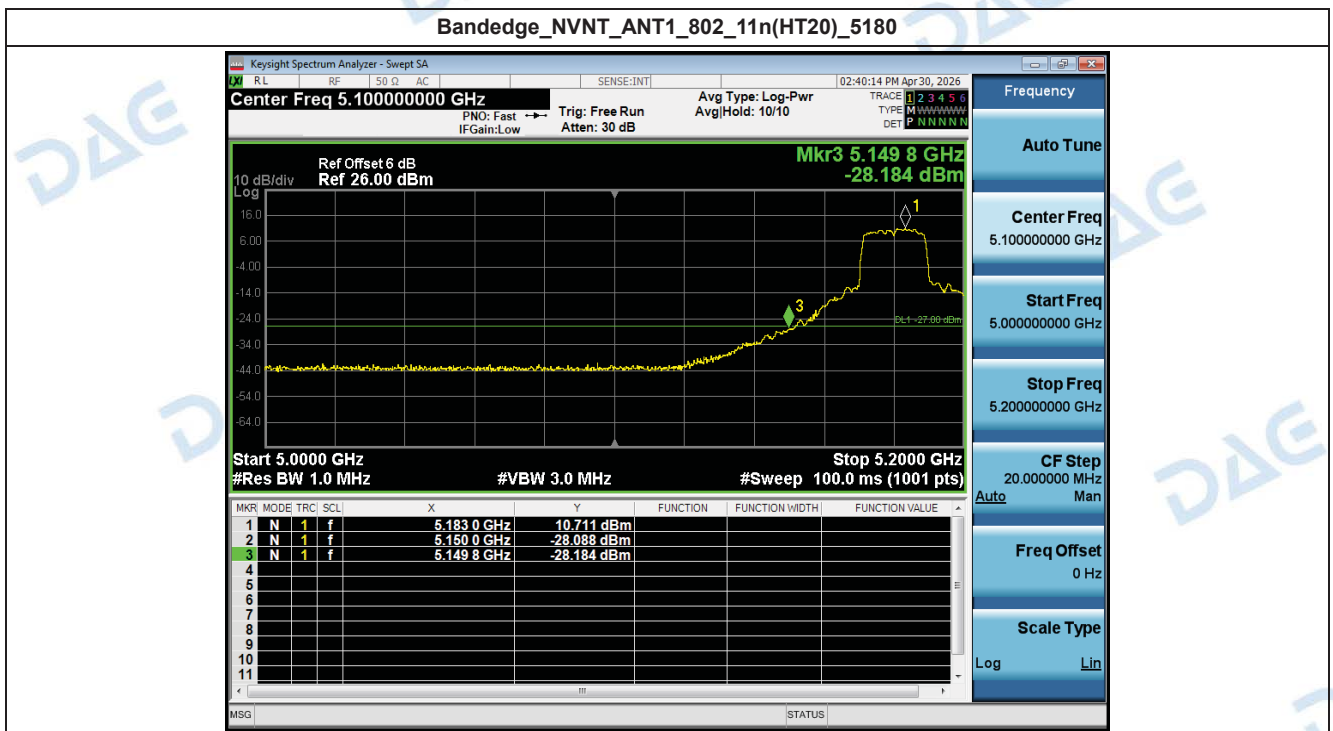
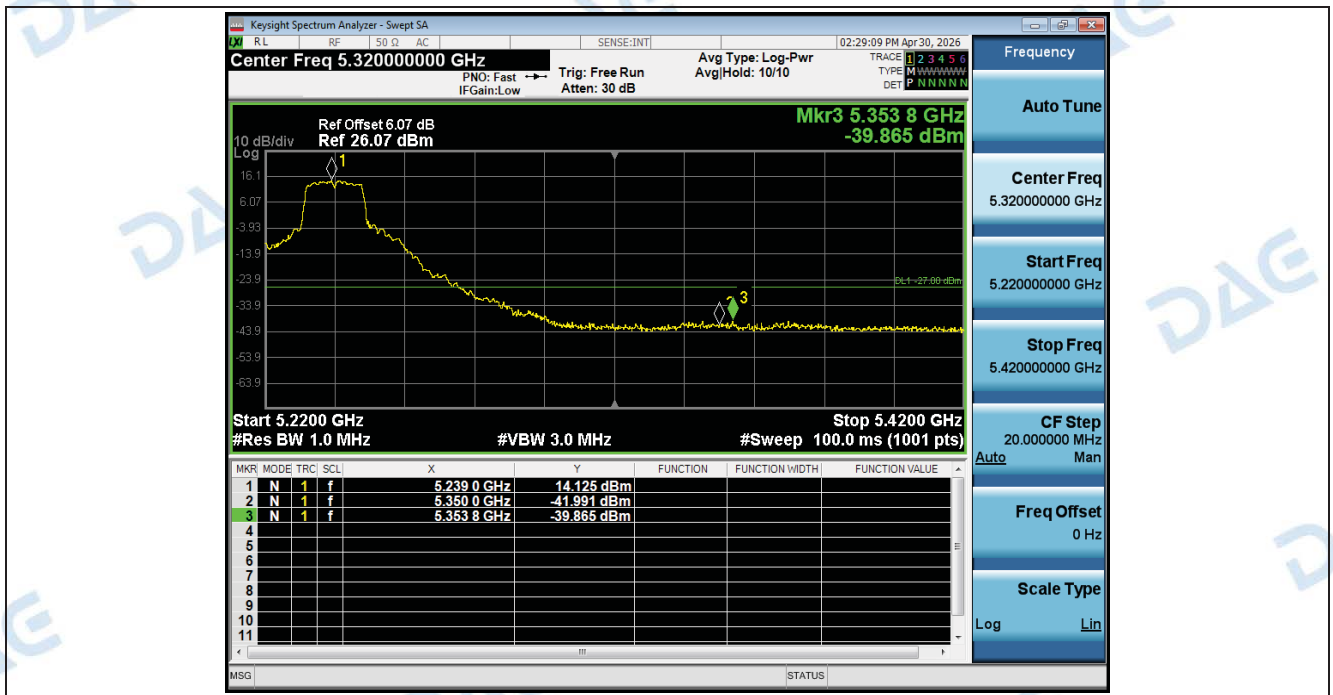
5. Bandedge

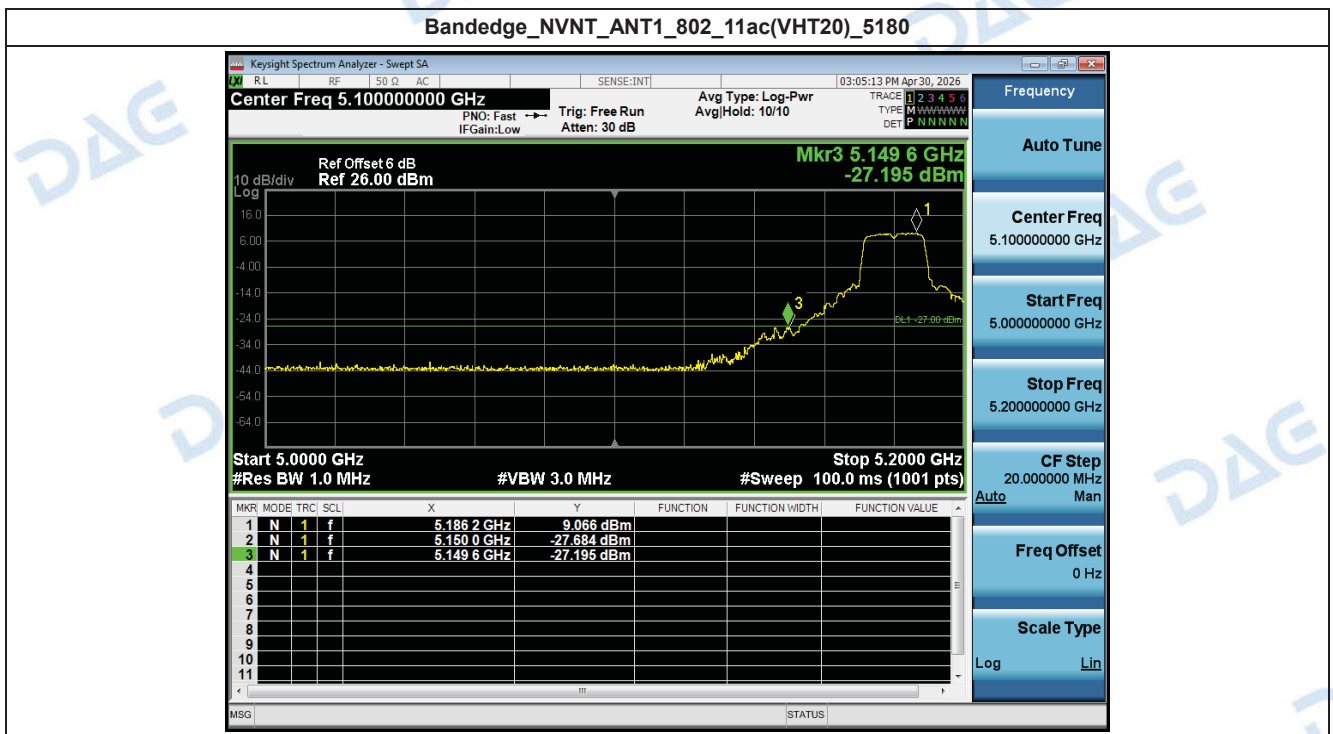
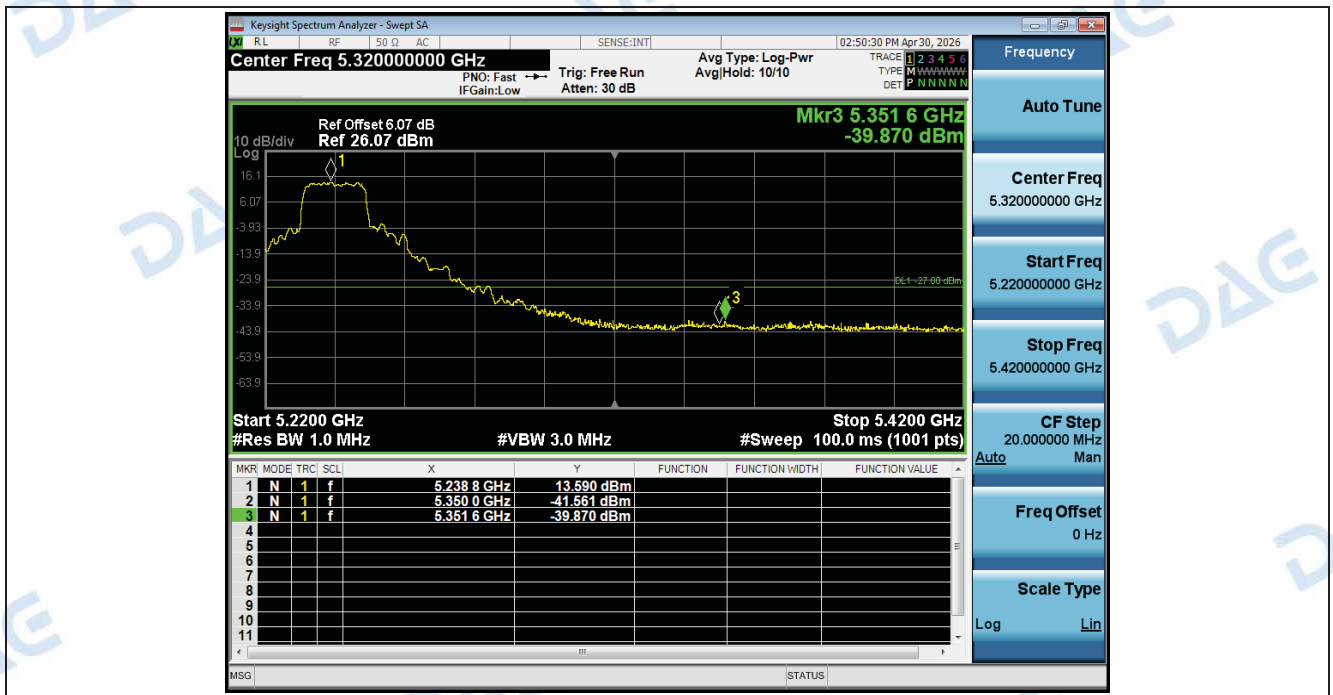
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5149.80	-28.14	-27	Pass
NVNT	ANT1	802.11a	5240.00	5353.80	-39.87	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5149.80	-28.18	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5351.60	-39.87	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5149.60	-27.19	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5378.20	-40.59	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5147.42	-30.35	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5350.70	-40.20	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5149.31	-30.42	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5377.16	-40.47	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5145.32	-29.20	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5370.02	-40.28	-27	Pass

Bandedge_NVNT_ANT1_802_11a_5180

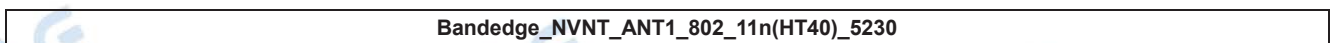
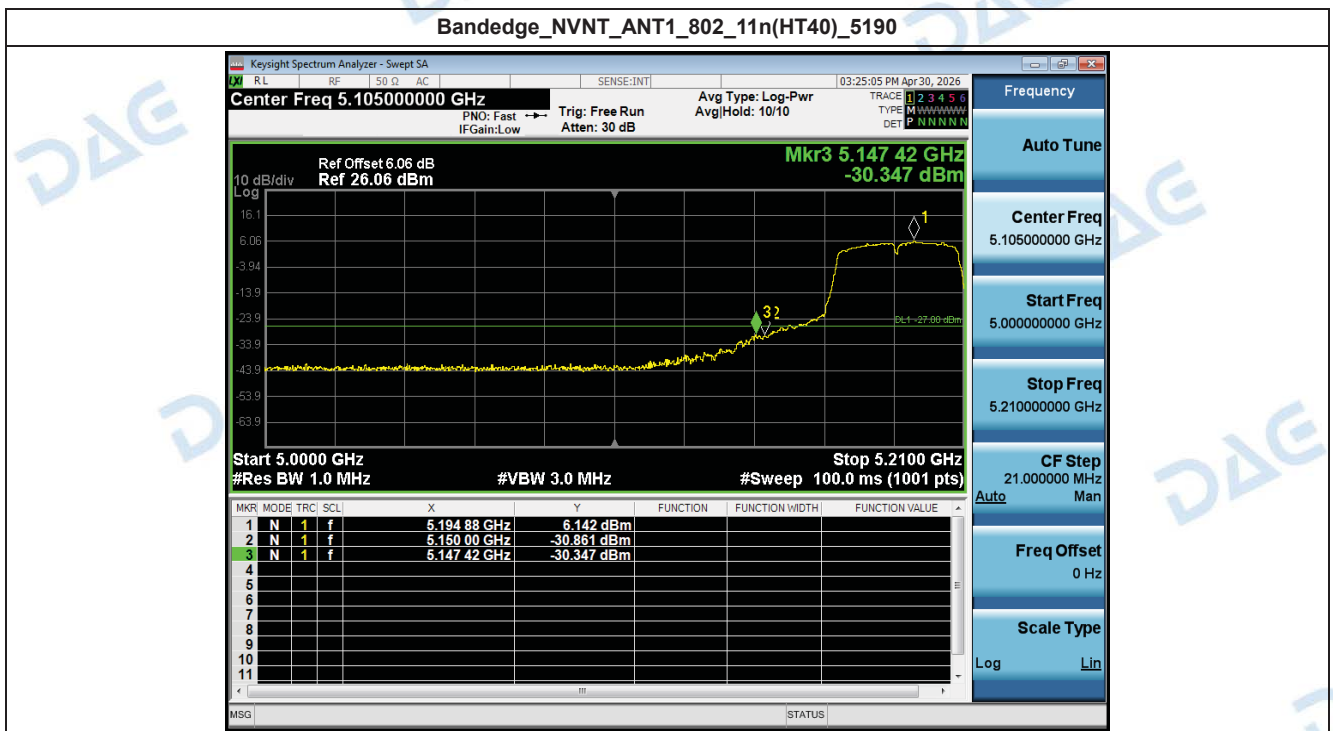
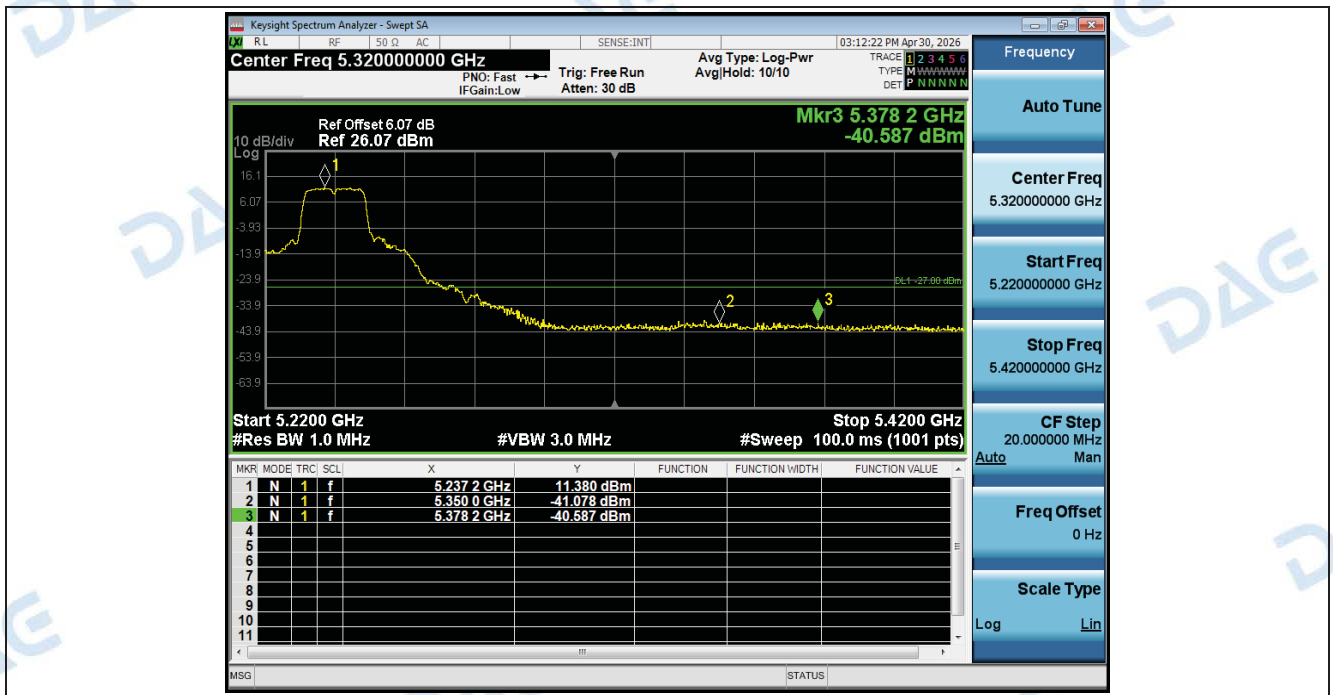


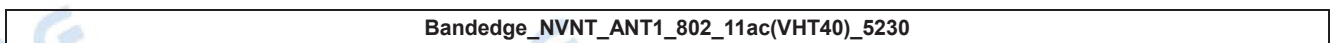
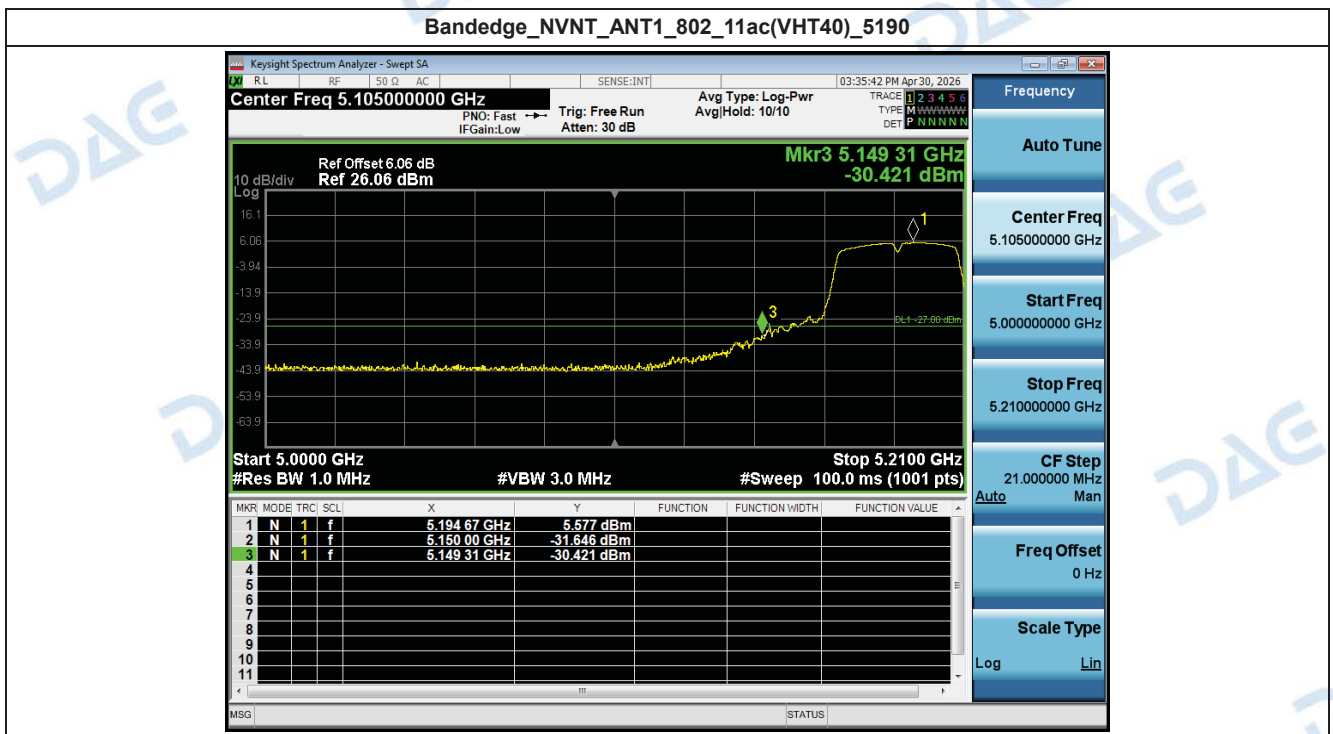
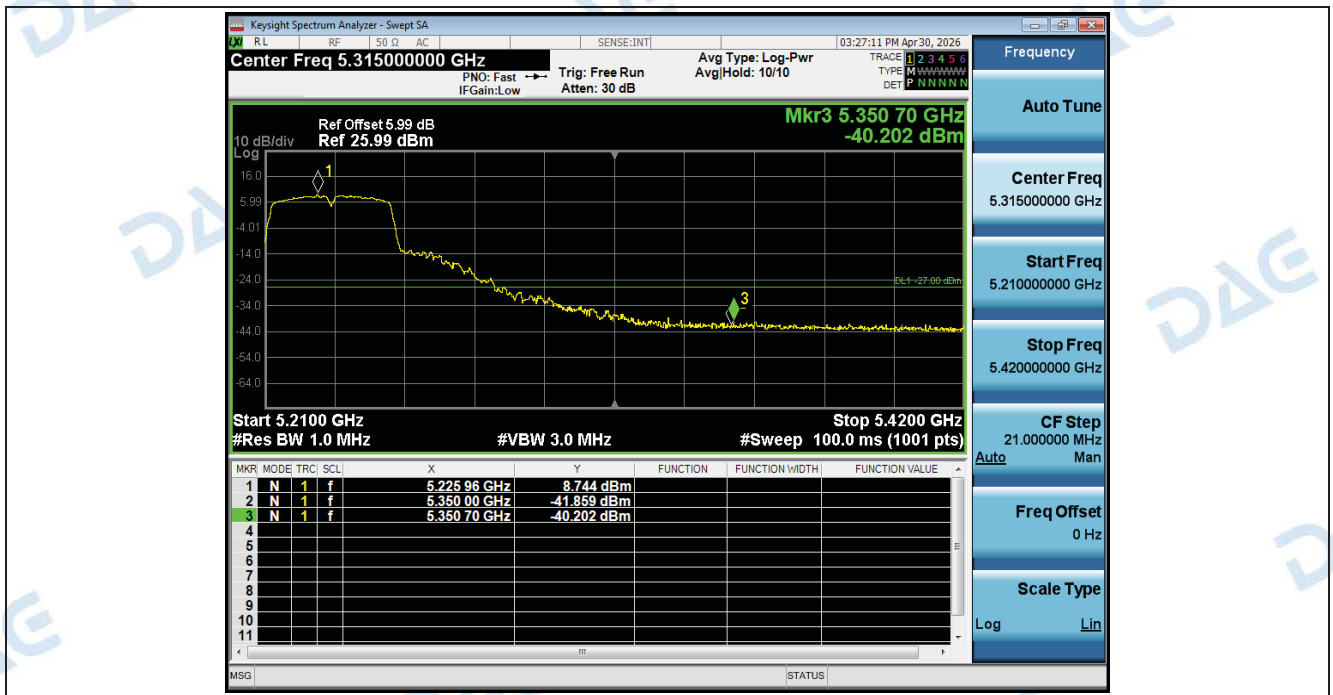
Bandedge_NVNT_ANT1_802_11a_5240

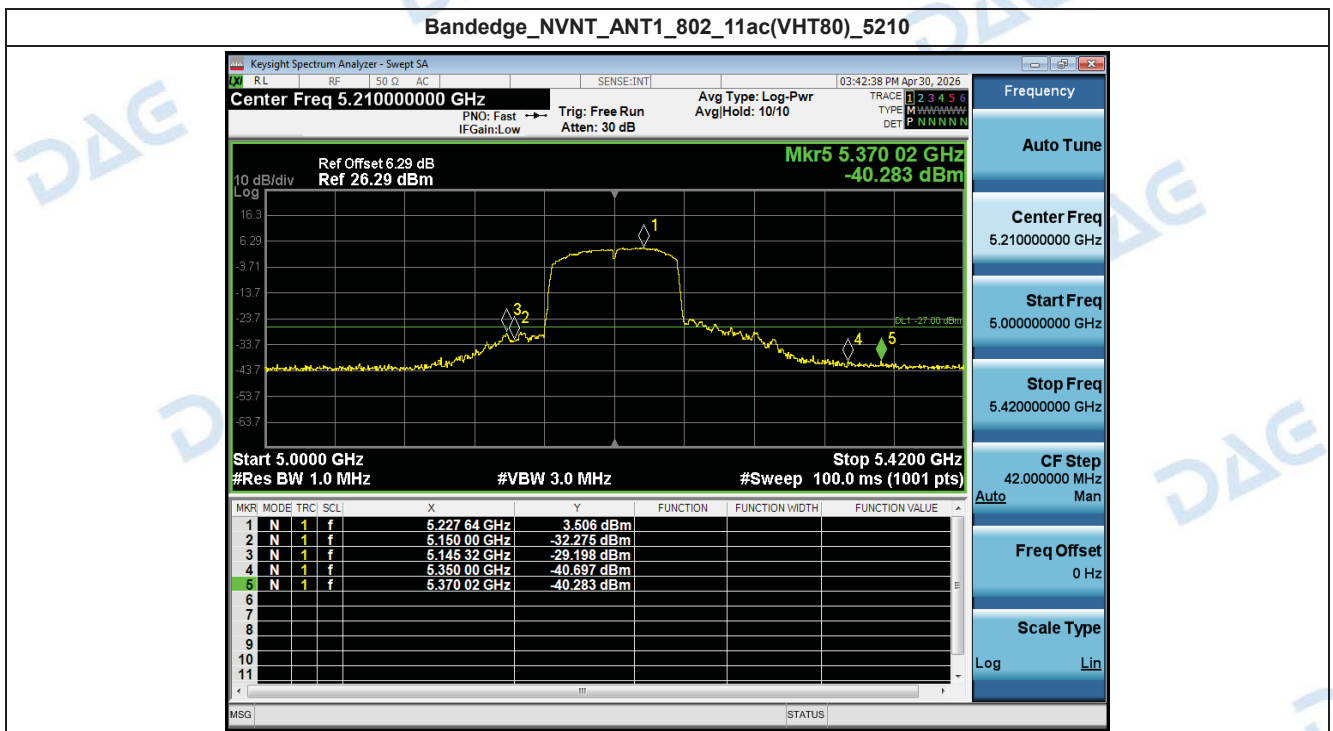




Bandedge_NVNT_ANT1_802_11ac(VHT20)_5240



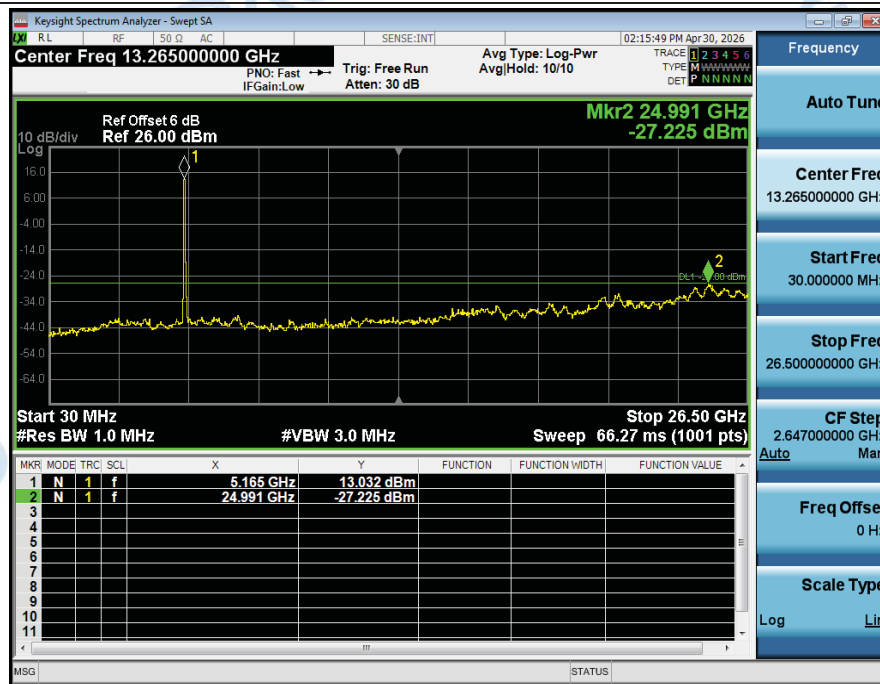




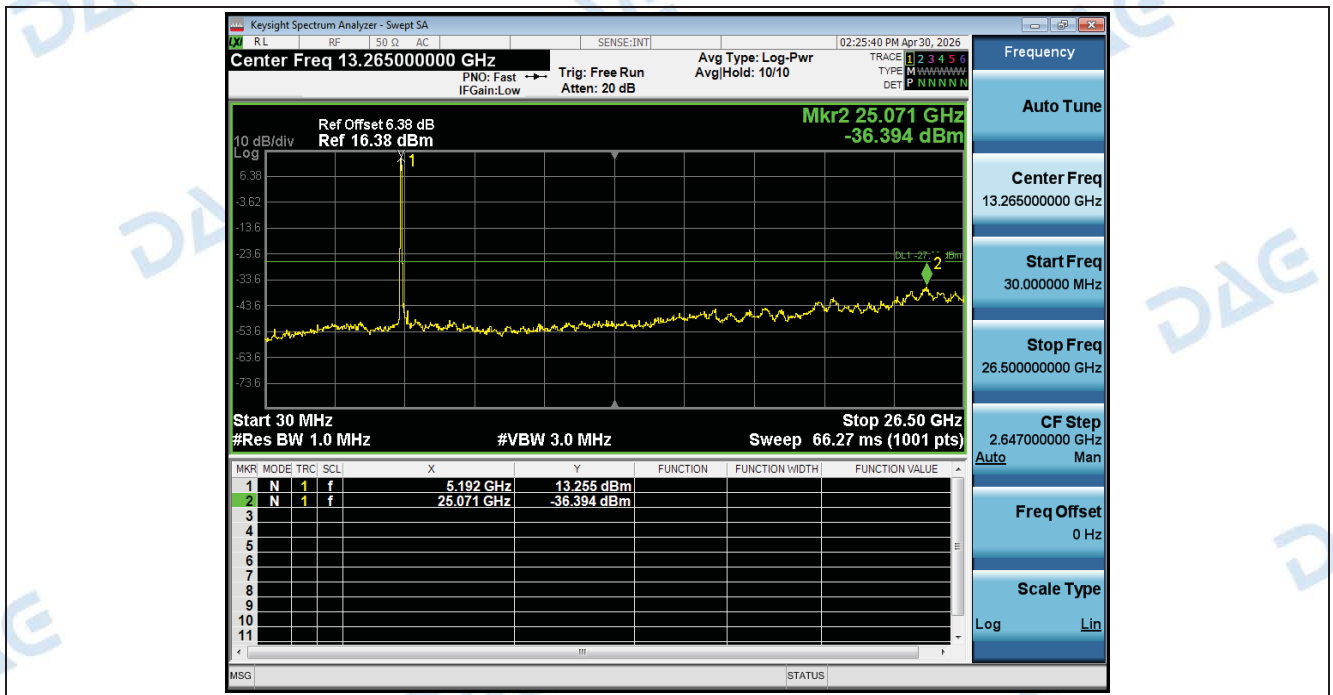
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	24991.21	-27.22	-27	Pass
NVNT	ANT1	802.11a	5200.00	25070.62	-36.39	-27	Pass
NVNT	ANT1	802.11a	5240.00	25097.09	-37.20	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	25017.68	-37.94	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	25044.15	-36.00	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	25044.15	-37.36	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	25070.62	-37.48	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	25017.68	-36.11	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	25044.15	-35.50	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	25044.15	-37.96	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	24938.27	-36.60	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	25123.56	-37.43	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	24938.27	-37.43	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	24991.21	-36.83	-27	Pass

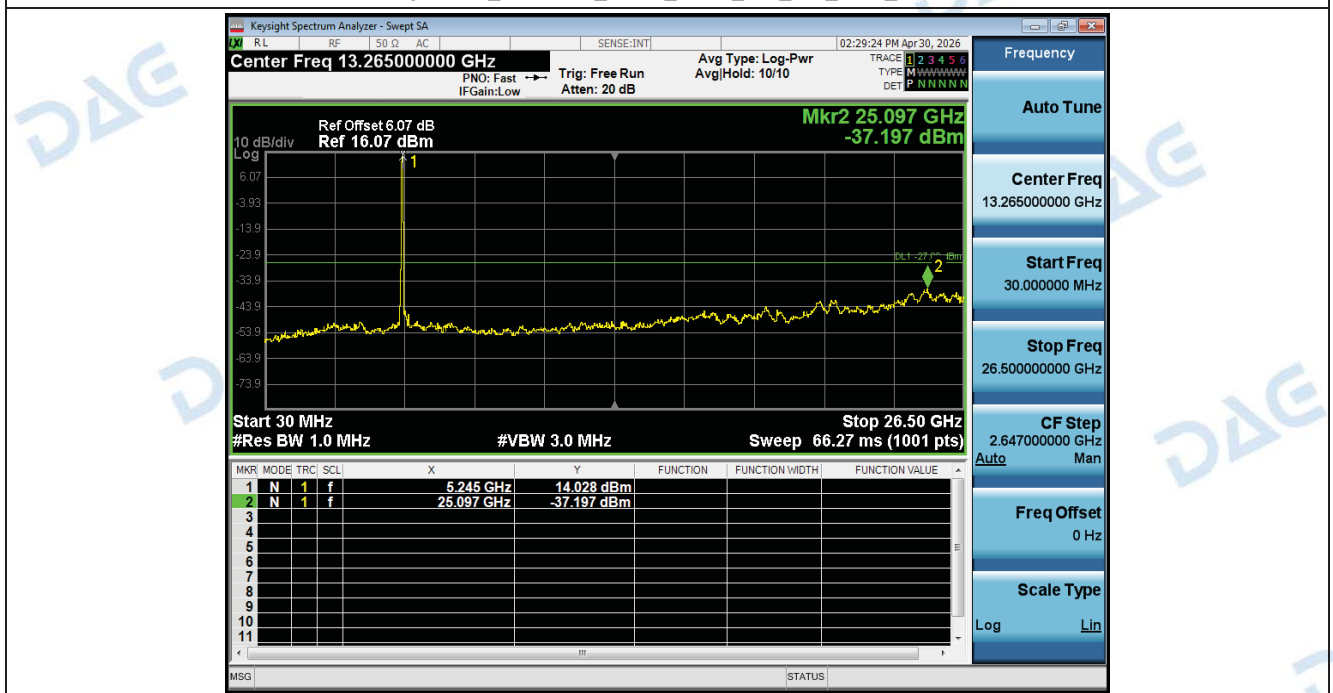
Spurious_Emission_NVNT_ANT1_802_11a_5180_20M



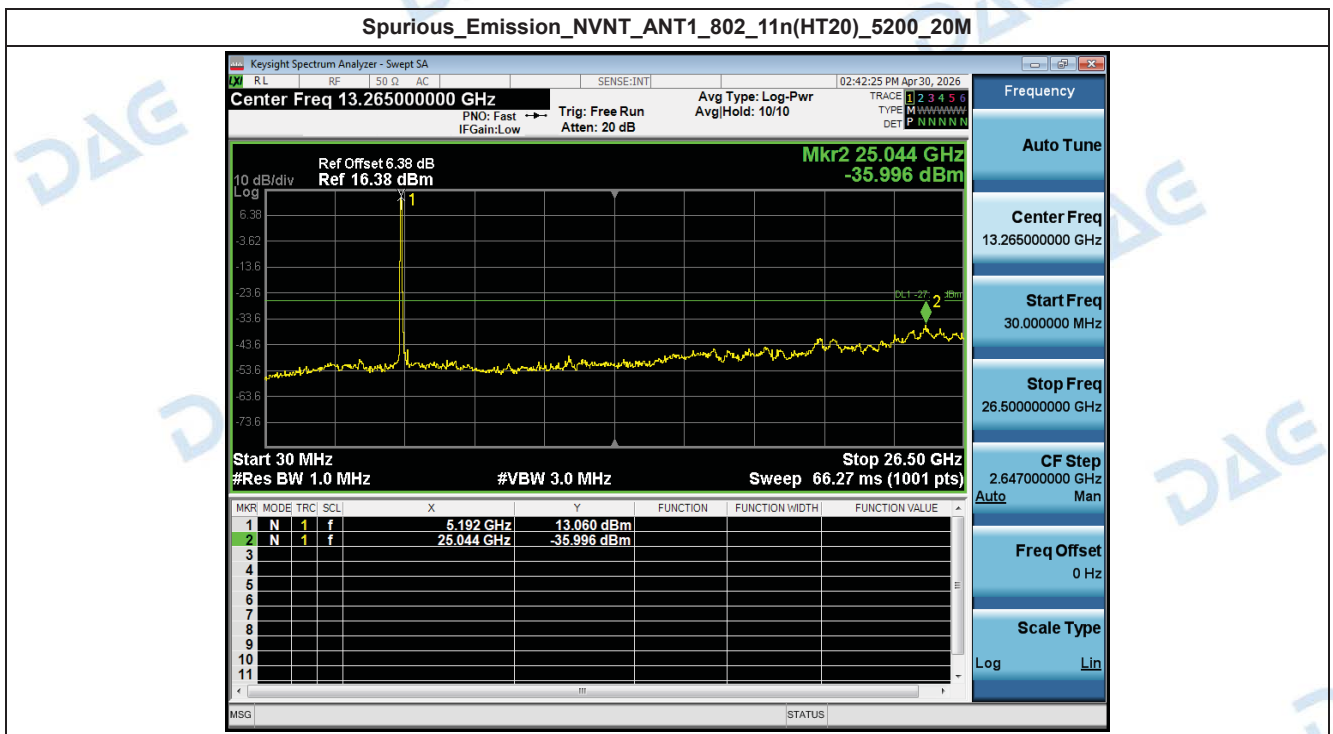
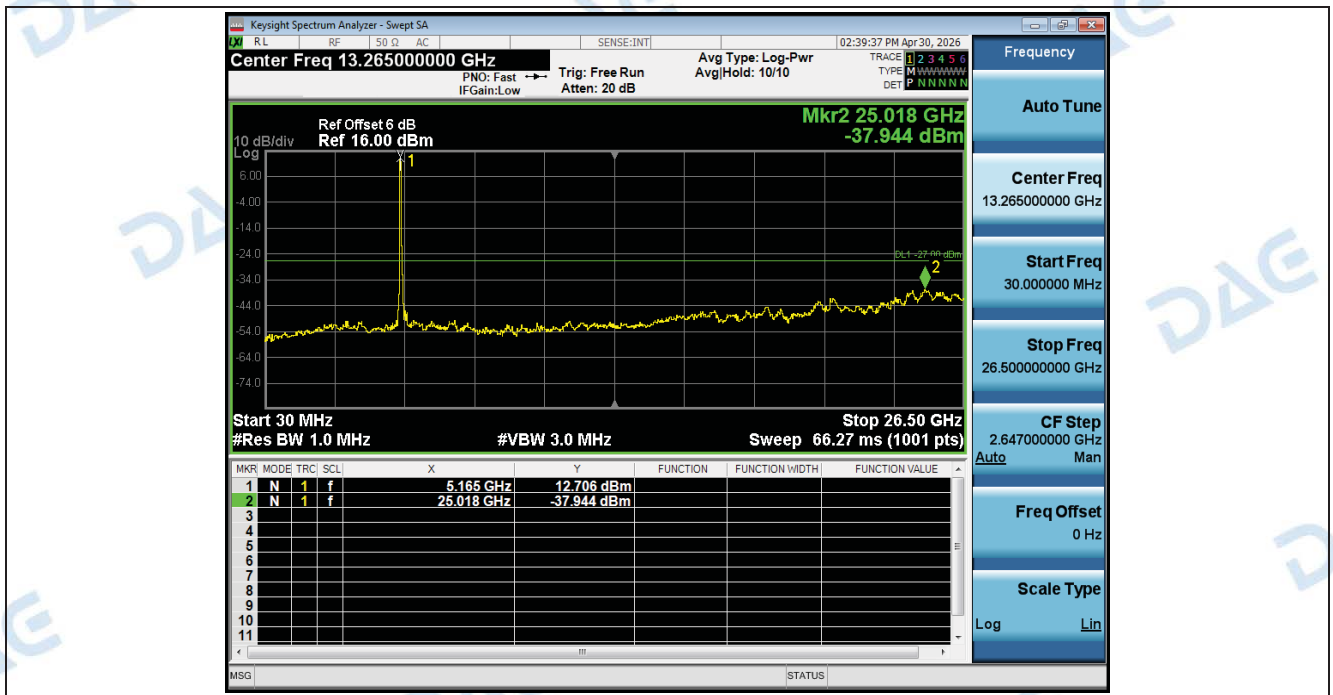
Spurious_Emission_NVNT_ANT1_802_11a_5200_20M



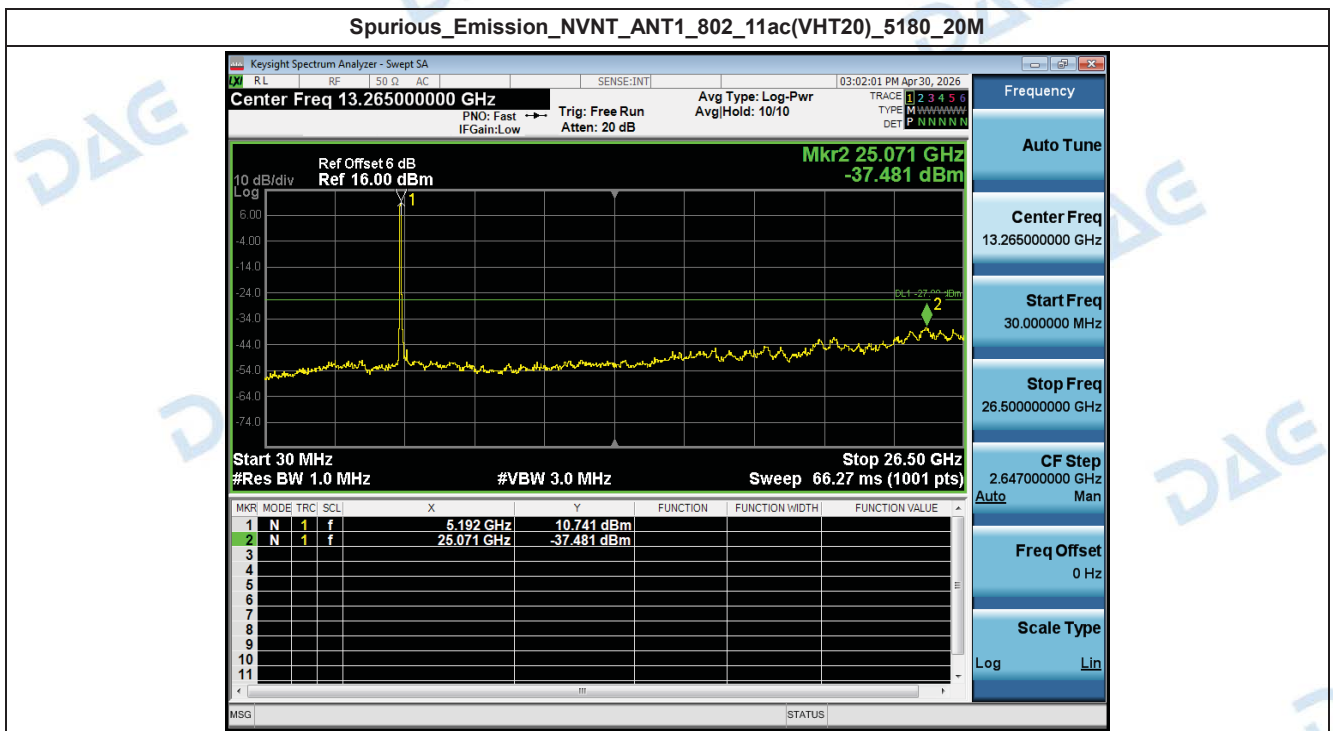
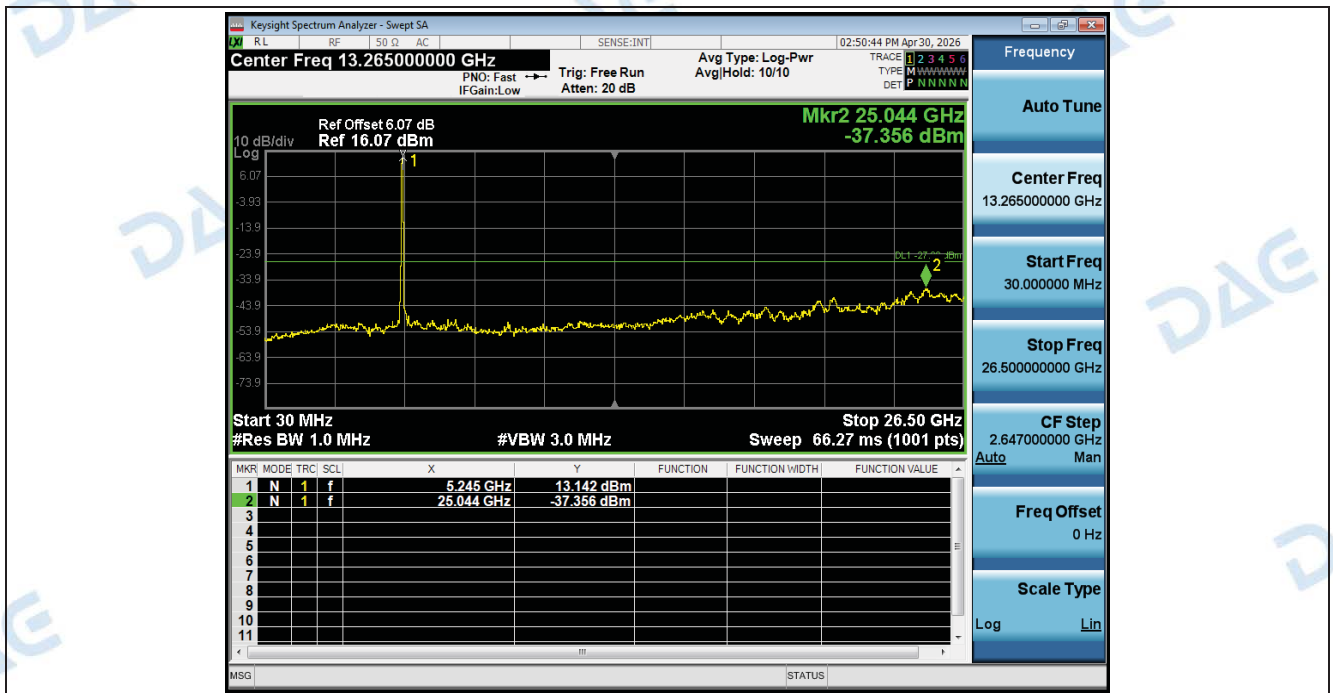
Spurious_Emission_NVNT_ANT1_802_11a_5240_20M



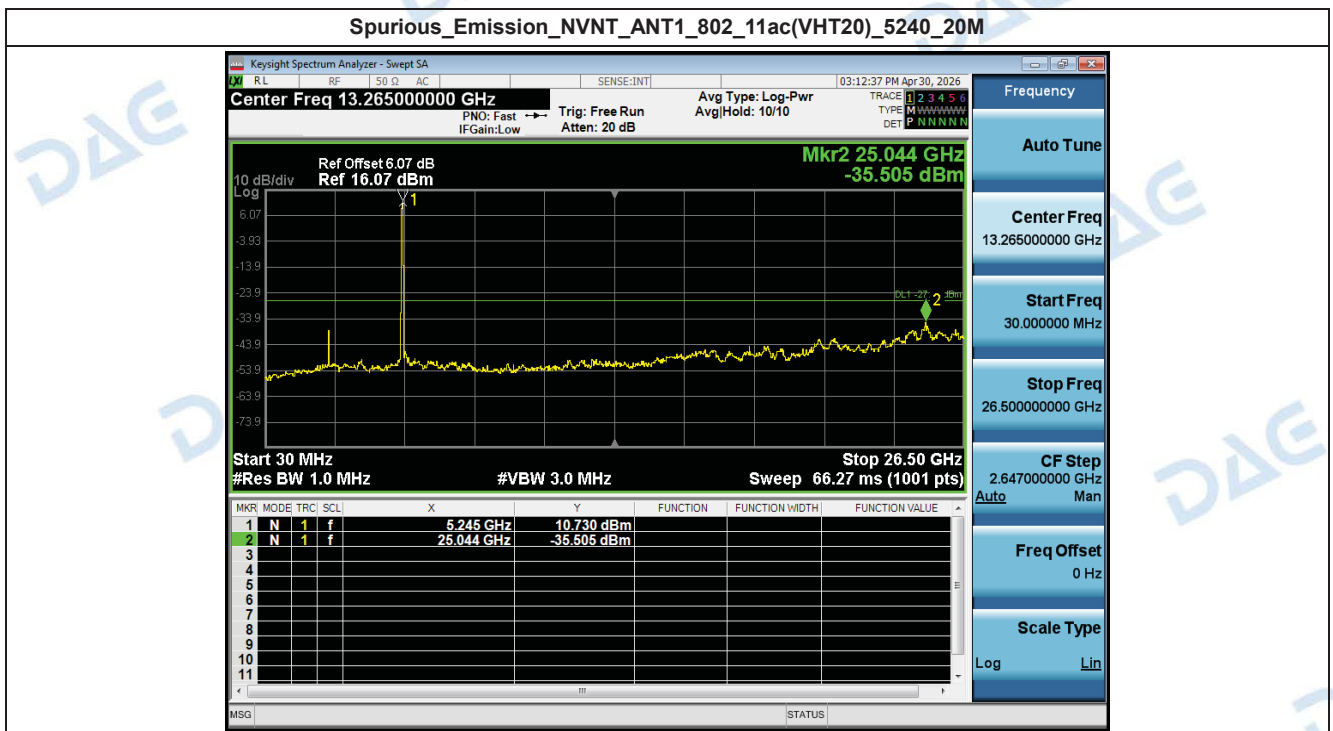
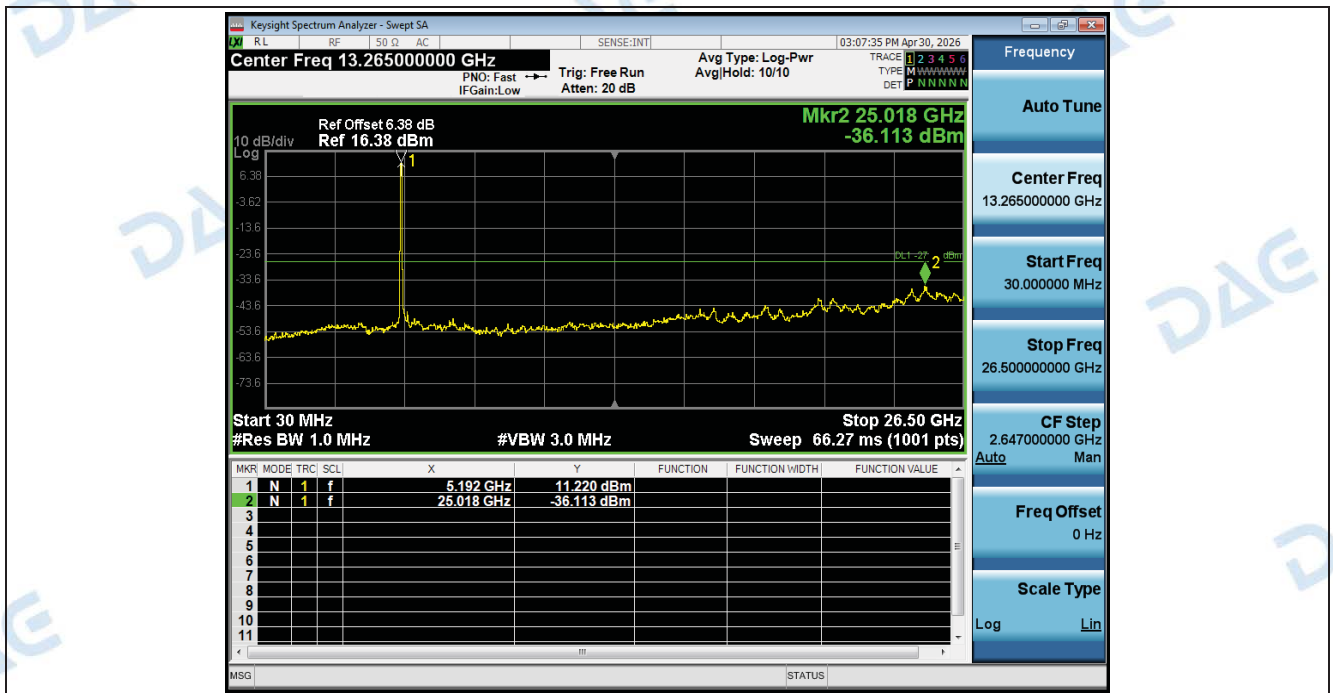
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



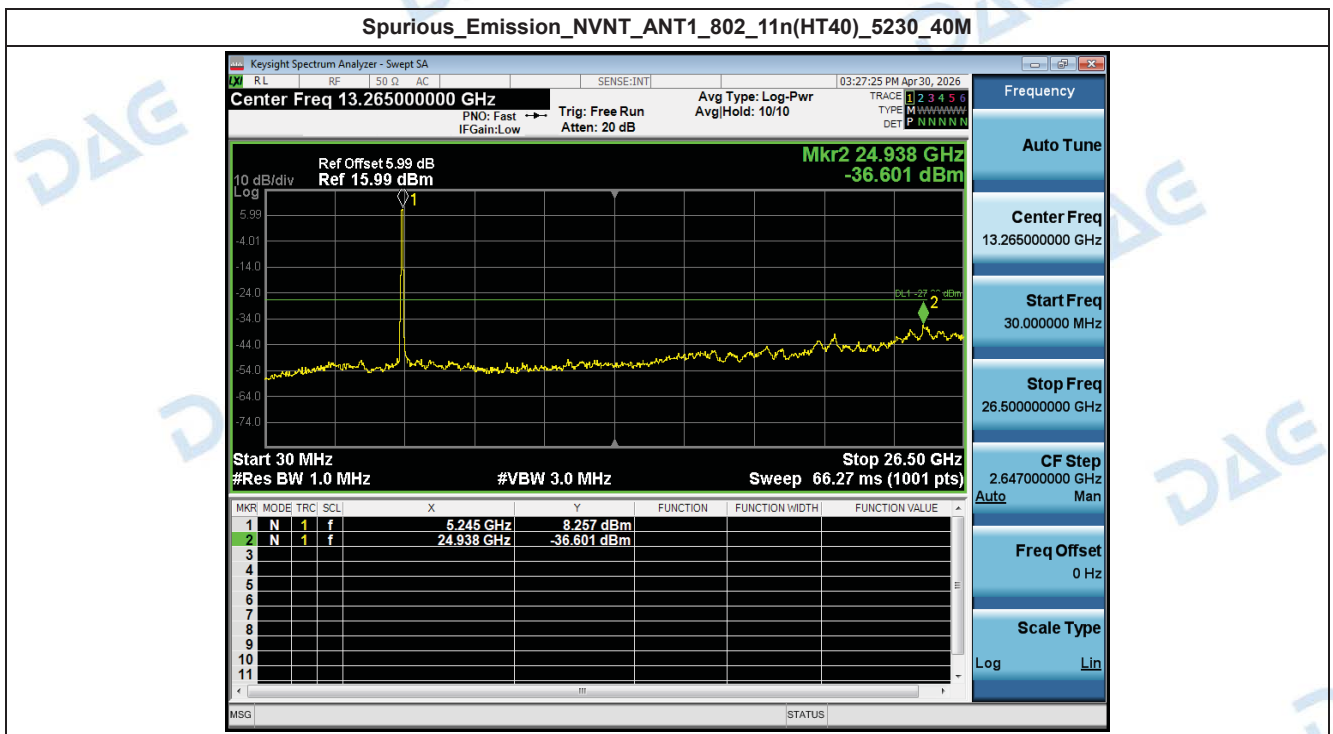
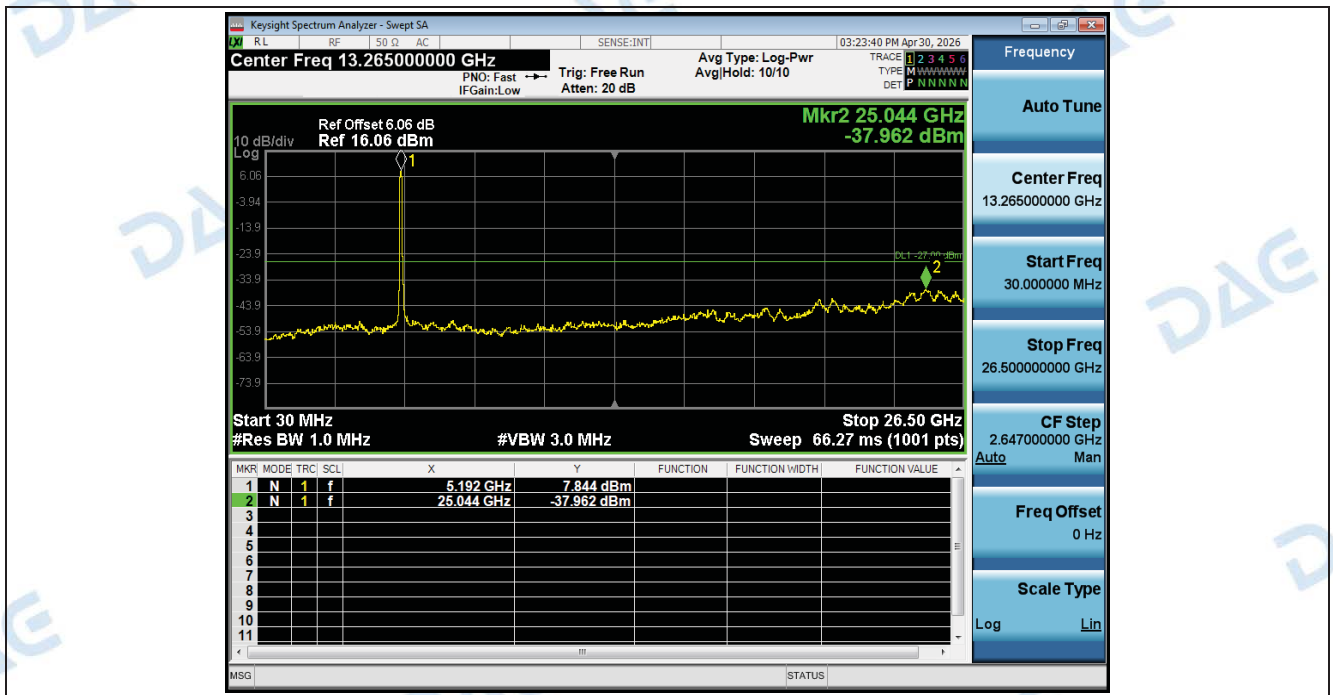
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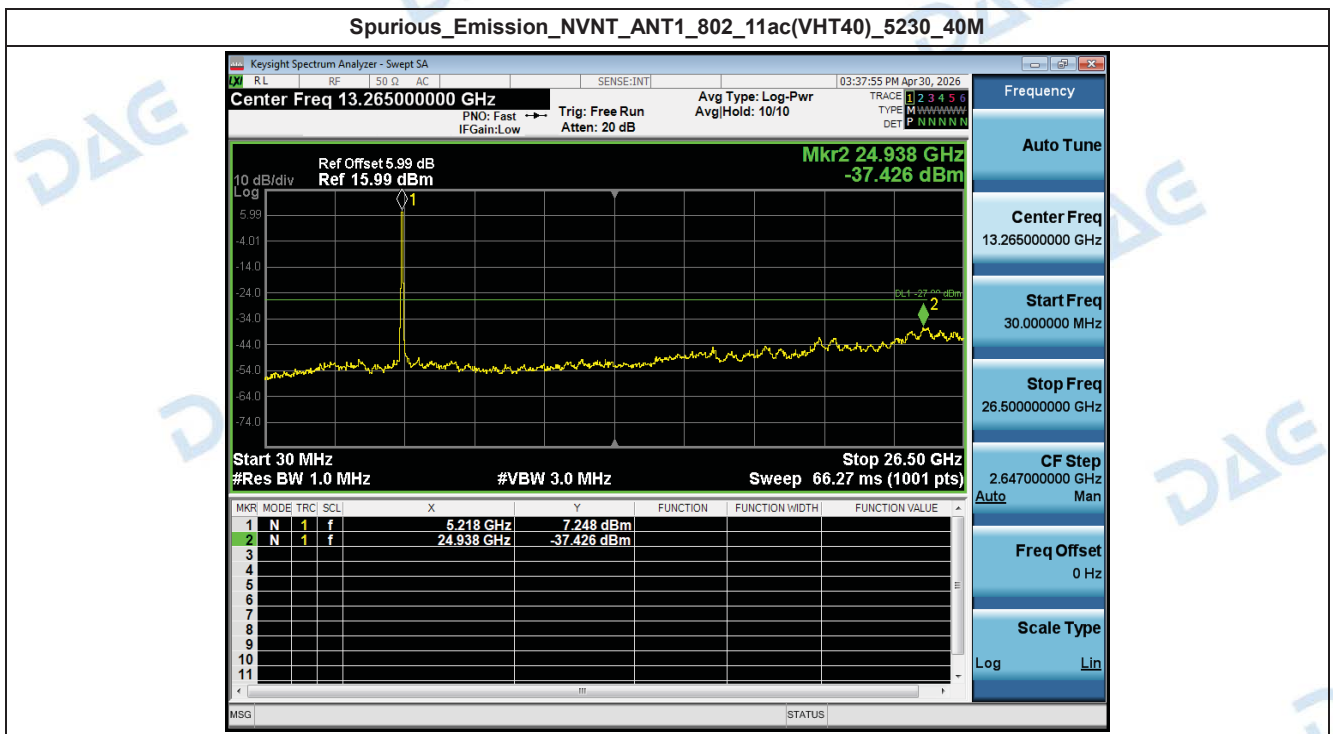
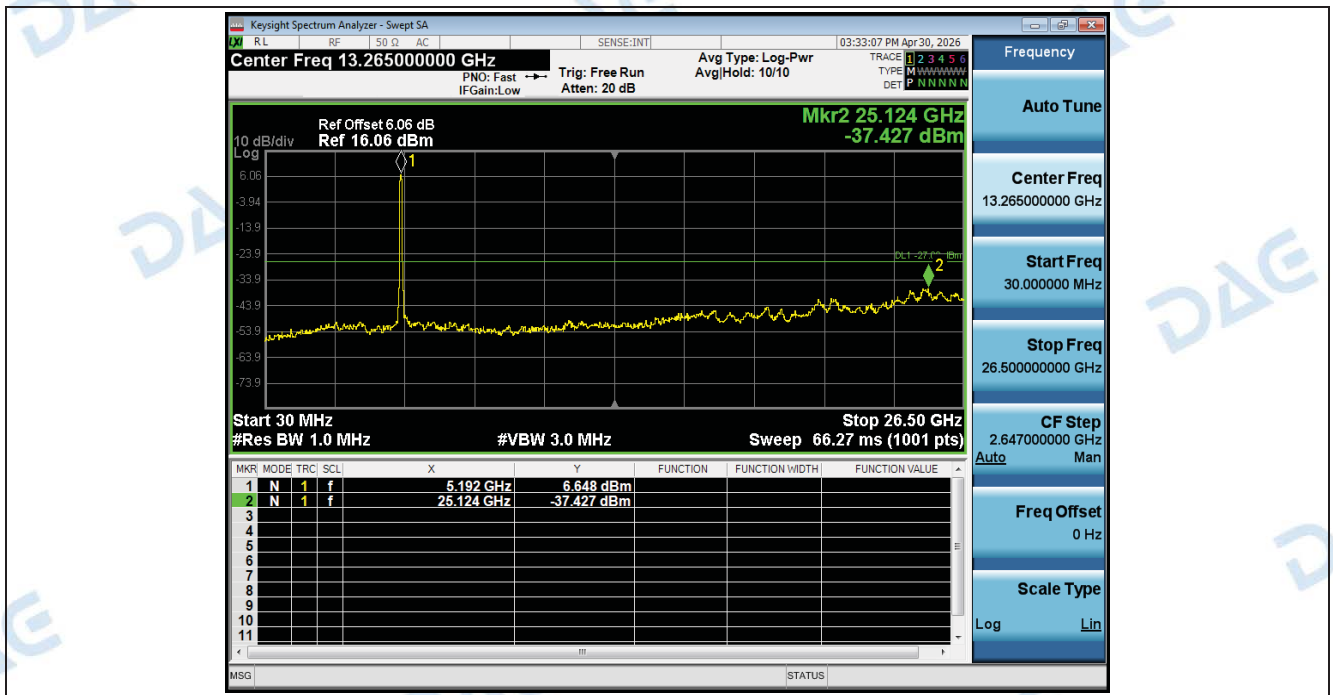
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5200_20M



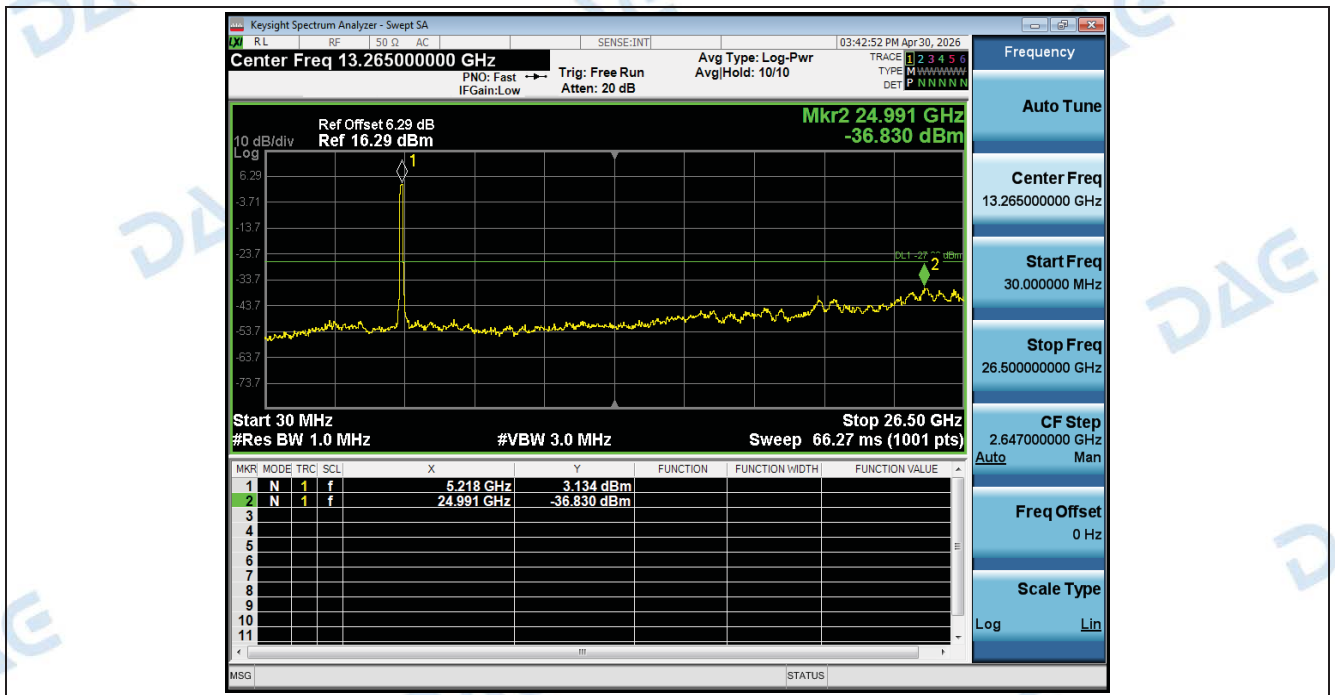
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5190_40M



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5190_40M



Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5210_80M



7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
50degrees C&&3.80V	ANT1	802.11a	5180.00	5180.906	5167.164	5194.648	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5180.00	5181.116	5170.204	5192.028	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5180.00	5180.972	5171.592	5190.352	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5180.00	5180.390	5171.752	5189.028	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5180.00	5180.098	5171.840	5188.356	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5180.00	5180.086	5171.928	5188.244	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5180.00	5180.074	5172.000	5188.148	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5180.00	5180.068	5172.064	5188.072	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5180.00	5180.066	5172.116	5188.016	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5180.00	5180.070	5172.184	5187.956	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5180.070	5172.248	5187.892	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5180.00	5180.068	5172.308	5187.828	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11a	5200.00	5200.932	5190.812	5211.052	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5200.00	5200.132	5191.632	5208.632	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5200.00	5200.022	5191.744	5208.300	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5200.00	5200.010	5191.828	5208.192	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5200.00	5200.004	5191.892	5208.116	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5200.00	5200.012	5191.960	5208.064	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5200.00	5200.006	5192.016	5207.996	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5200.00	5200.024	5192.076	5207.972	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5200.00	5200.044	5192.140	5207.948	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5200.00	5200.036	5192.200	5207.872	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.056	5192.260	5207.852	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5200.00	5200.068	5192.328	5207.808	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11a	5240.00	5240.176	5231.524	5248.828	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5240.00	5240.026	5231.724	5248.328	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5240.00	5240.000	5231.816	5248.184	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5240.00	5240.020	5231.888	5248.152	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5240.00	5240.004	5231.948	5248.060	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5240.00	5239.998	5232.000	5247.996	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5240.00	5240.012	5232.060	5247.964	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5240.00	5240.014	5232.120	5247.908	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5240.00	5240.018	5232.176	5247.860	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5240.00	5240.020	5232.236	5247.804	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5240.030	5232.292	5247.768	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5240.00	5240.028	5232.344	5247.712	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5181.166	5168.208	5194.124	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5181.128	5170.936	5191.320	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.268	5171.124	5189.412	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.076	5171.220	5188.932	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.050	5171.288	5188.812	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.042	5171.352	5188.732	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.048	5171.408	5188.688	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.044	5171.468	5188.620	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.042	5171.532	5188.552	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5180.00	5180.048	5171.596	5188.500	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.068	5171.660	5188.476	5150~5250	Pass

25degrees C&&3.23V	ANT1	802.11n(HT20)	5180.00	5180.082	5171.720	5188.444	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.938	5188.456	5213.420	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5201.002	5190.920	5211.084	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.102	5191.112	5209.092	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.040	5191.220	5208.860	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.038	5191.300	5208.776	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.042	5191.368	5208.716	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.026	5191.424	5208.628	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.044	5191.500	5208.588	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.048	5191.568	5208.528	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5200.00	5200.044	5191.640	5208.448	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.052	5191.700	5208.404	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5200.00	5200.058	5191.776	5208.340	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.030	5230.992	5249.068	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.022	5231.160	5248.884	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.008	5231.252	5248.764	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.016	5231.340	5248.692	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.016	5231.412	5248.620	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.026	5231.488	5248.564	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.036	5231.552	5248.520	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.038	5231.620	5248.456	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.034	5231.668	5248.400	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5240.00	5240.032	5231.728	5248.336	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.040	5231.780	5248.300	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5240.00	5240.038	5231.836	5248.240	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5181.206	5169.740	5192.672	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.250	5171.044	5189.456	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.082	5171.204	5188.960	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.040	5171.300	5188.780	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.036	5171.376	5188.696	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.028	5171.432	5188.624	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.024	5171.488	5188.560	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5171.544	5188.520	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.604	5188.456	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5180.00	5180.034	5171.668	5188.400	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.720	5188.340	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.776	5188.284	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.812	5190.656	5210.968	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.092	5191.124	5209.060	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.034	5191.240	5208.828	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.042	5191.332	5208.752	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.036	5191.404	5208.668	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.038	5191.480	5208.596	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.050	5191.552	5208.548	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.046	5191.624	5208.468	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.056	5191.684	5208.428	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5200.00	5200.062	5191.756	5208.368	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.070	5191.816	5208.324	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5200.00	5200.086	5191.884	5208.288	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.028	5230.964	5249.092	5150~5250	Pass

40degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.008	5231.176	5248.840	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.002	5231.264	5248.740	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.998	5231.340	5248.656	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.998	5231.408	5248.588	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.002	5231.476	5248.528	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.000	5231.532	5248.468	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.000	5231.592	5248.408	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.006	5231.652	5248.360	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5240.00	5240.010	5231.700	5248.320	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.018	5231.764	5248.272	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5240.00	5240.014	5231.824	5248.204	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.268	5171.712	5208.824	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.116	5172.016	5208.216	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.108	5172.208	5208.008	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.148	5172.384	5207.912	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.148	5172.520	5207.776	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.168	5172.664	5207.672	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.176	5172.808	5207.544	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.224	5172.976	5207.472	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.200	5173.112	5207.288	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5190.00	5190.272	5173.280	5207.264	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.212	5173.408	5207.016	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5190.00	5190.260	5173.560	5206.960	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.024	5211.808	5248.240	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.028	5212.024	5248.032	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.036	5212.192	5247.880	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.056	5212.368	5247.744	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.020	5212.488	5247.552	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.616	5247.472	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.048	5212.752	5247.344	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.068	5212.912	5247.224	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.056	5213.040	5247.072	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5230.00	5230.064	5213.200	5246.928	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.056	5213.304	5246.808	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5230.00	5230.096	5213.432	5246.760	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.088	5171.696	5208.480	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.088	5172.000	5208.176	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.068	5172.168	5207.968	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.120	5172.368	5207.872	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.104	5172.504	5207.704	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.148	5172.672	5207.624	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.160	5172.856	5207.464	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.192	5173.064	5207.320	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.228	5173.200	5207.256	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5190.00	5190.256	5173.344	5207.168	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.280	5173.480	5207.080	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5190.00	5190.300	5173.632	5206.968	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.080	5211.760	5248.400	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.032	5211.984	5248.080	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.032	5212.144	5247.920	5150~5250	Pass

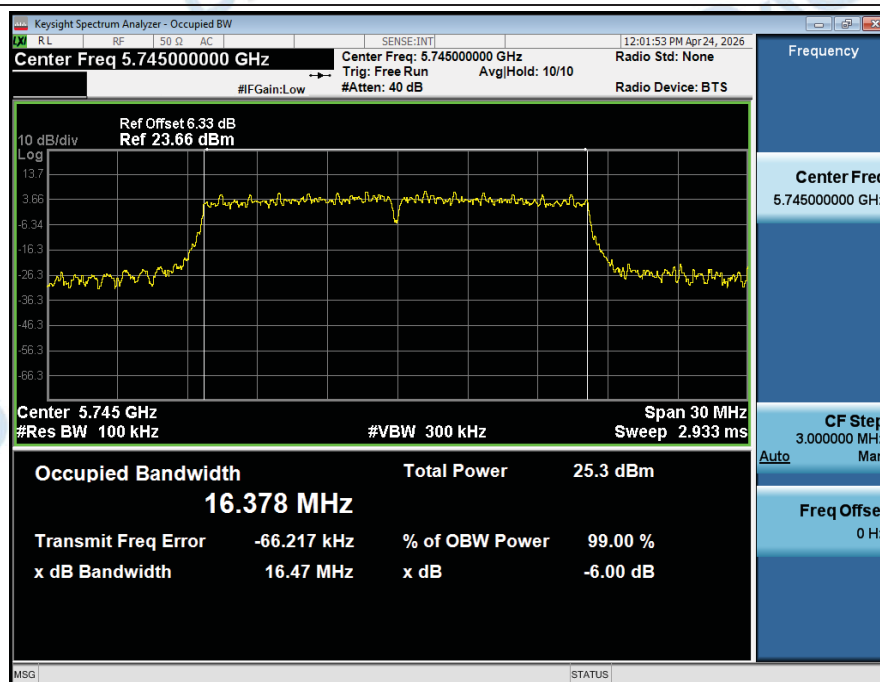
20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.052	5212.328	5247.776	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.036	5212.488	5247.584	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.076	5212.632	5247.520	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.072	5212.784	5247.360	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.092	5212.928	5247.256	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.108	5213.088	5247.128	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5230.00	5230.096	5213.248	5246.944	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.144	5213.360	5246.928	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5230.00	5230.112	5213.504	5246.720	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.126	5172.392	5247.860	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.306	5173.100	5247.512	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.372	5173.604	5247.140	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.546	5174.264	5246.828	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.498	5174.732	5246.264	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.666	5175.260	5246.072	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.678	5175.692	5245.664	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.834	5176.232	5245.436	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5210.840	5176.628	5245.052	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT80)	5210.00	5211.068	5177.180	5244.956	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT80)	5210.00	5211.116	5177.516	5244.716	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT80)	5210.00	5211.170	5177.972	5244.368	5150~5250	Pass

FCC_5.8G_WIFI ANT1 Test Data

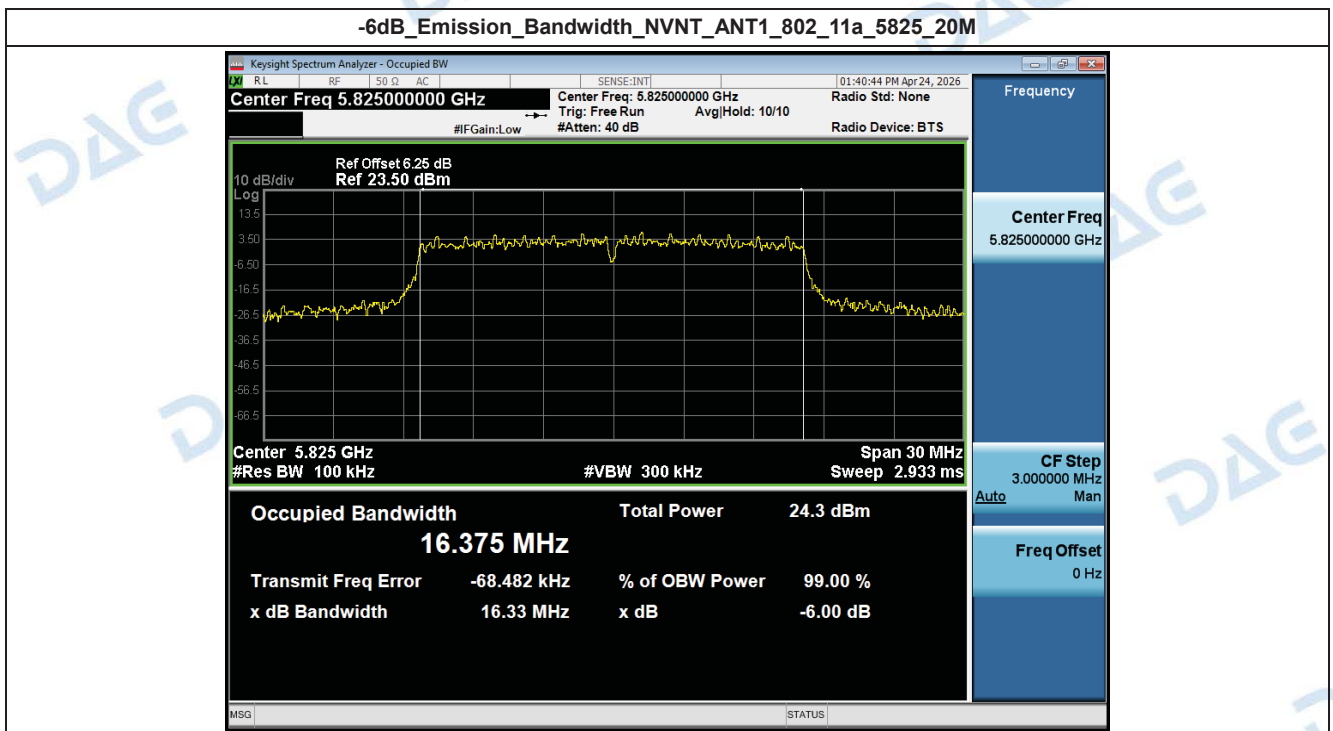
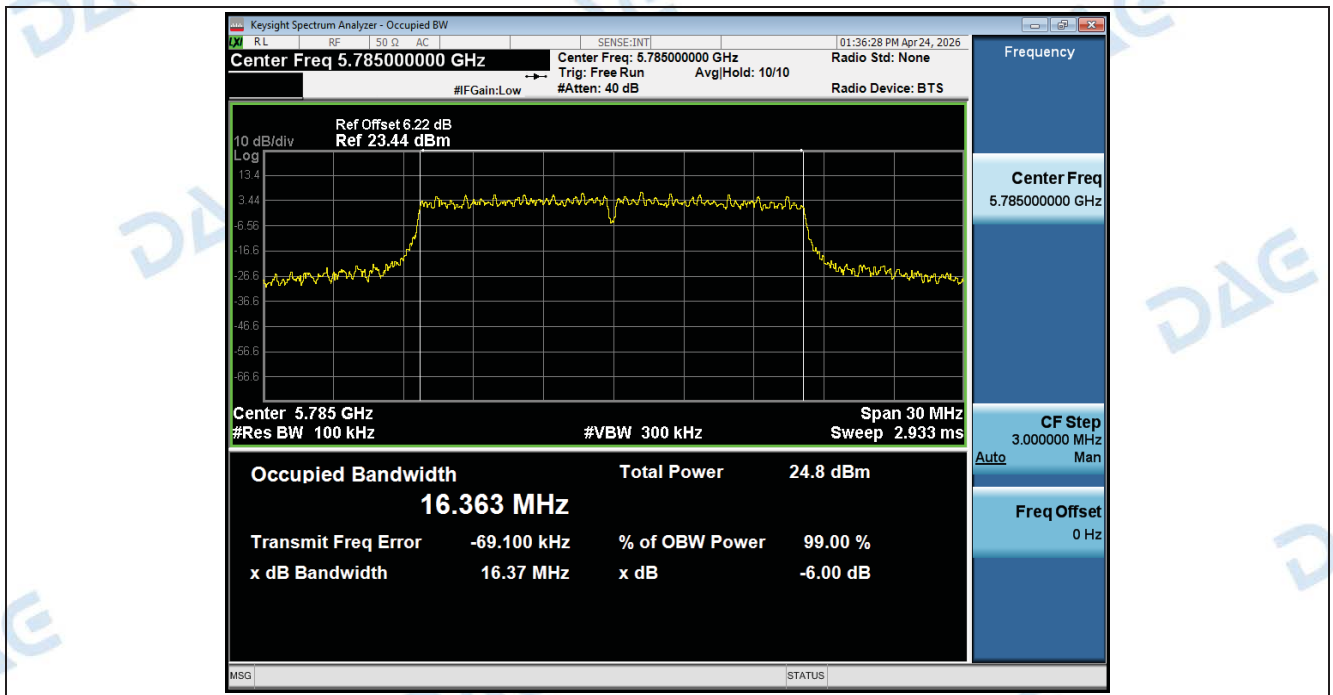
1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.470	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.369	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.327	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	16.681	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	16.861	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	16.563	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	16.554	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	16.873	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	16.822	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.151	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	35.153	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.162	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	35.138	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	75.180	0.500	Pass

-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



-6dB Emission Bandwidth NVNT ANT1 802 11a 5785 20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M

