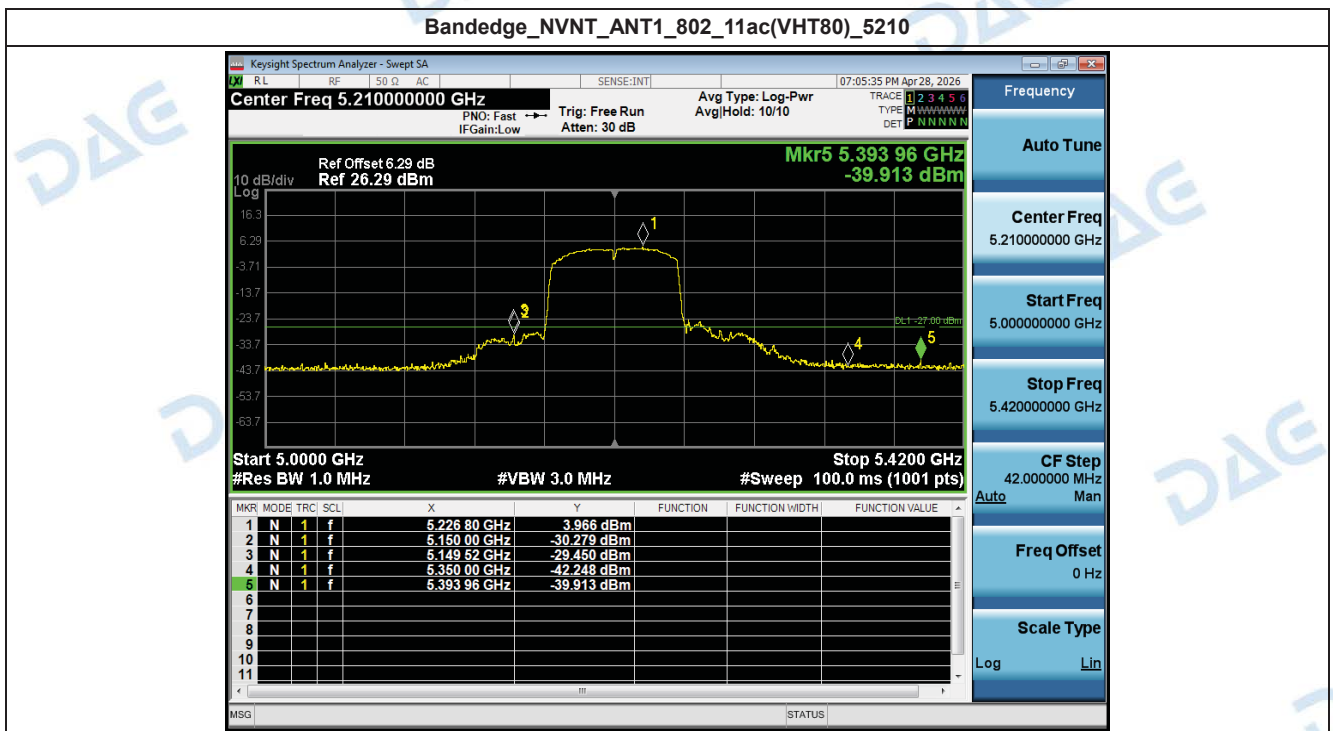
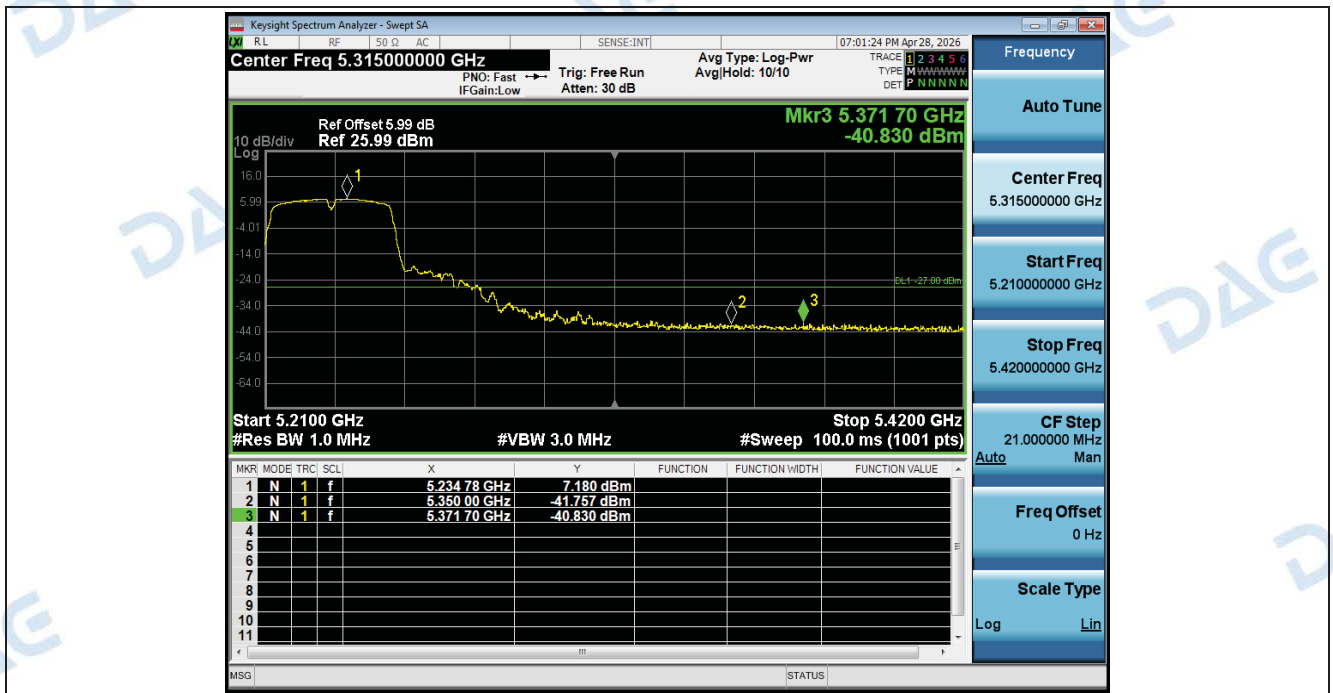
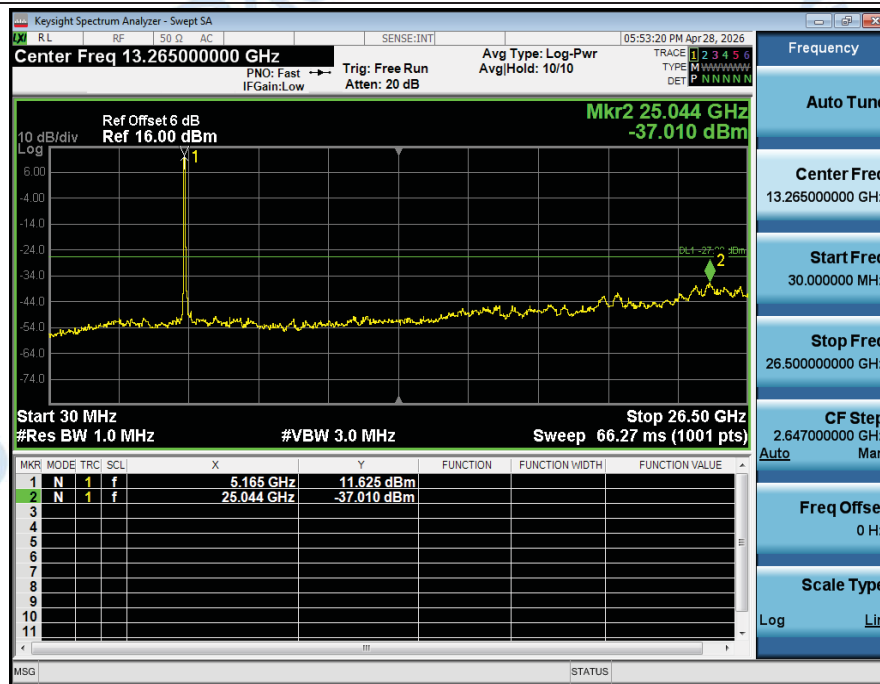




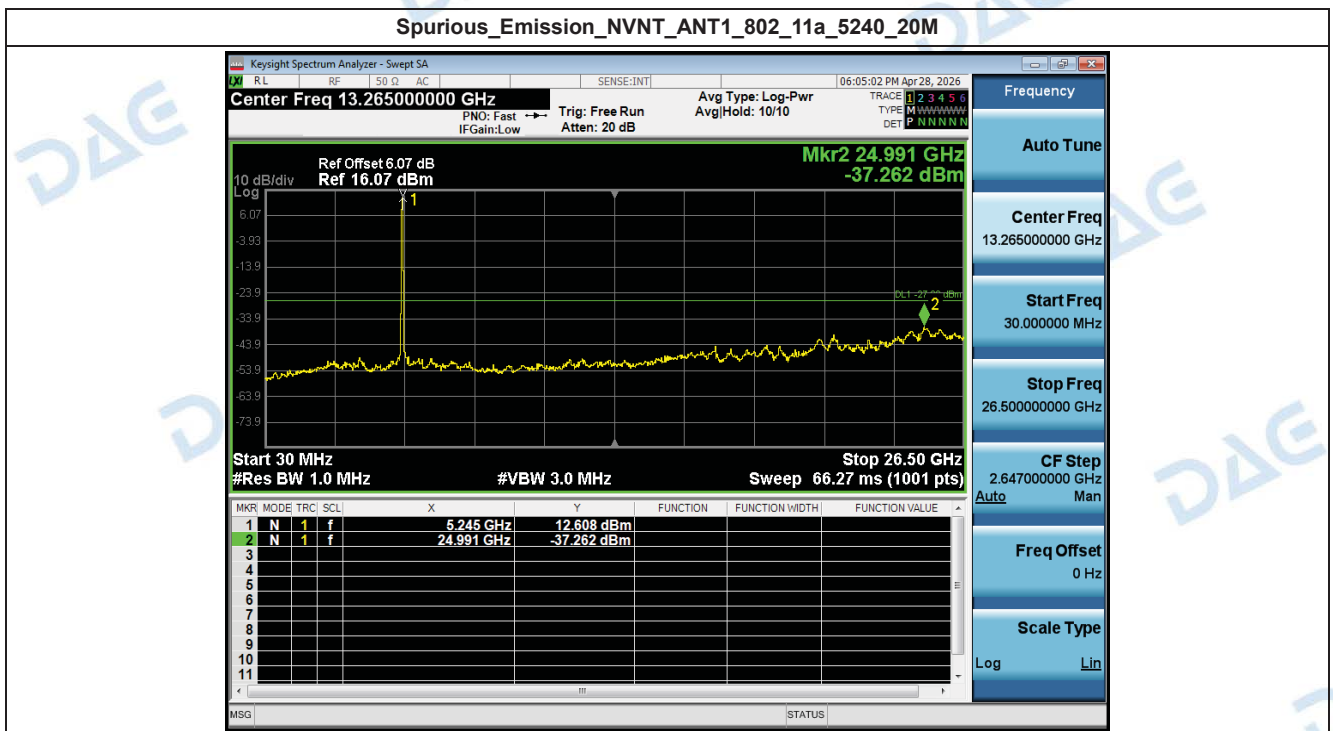
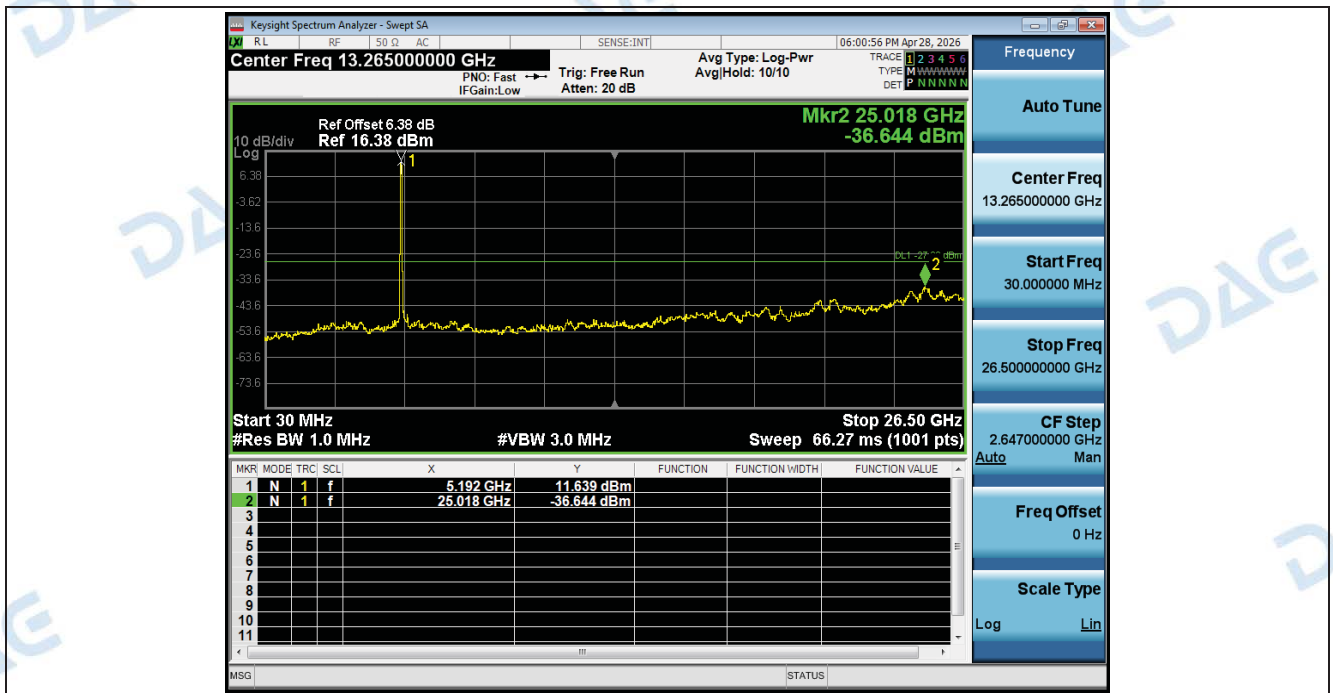
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT2	802.11a	5180.00	25044.15	-37.01	-27	Pass
NVNT	ANT2	802.11a	5200.00	25017.68	-36.64	-27	Pass
NVNT	ANT2	802.11a	5240.00	24991.21	-37.26	-27	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	24991.21	-27.00	-27	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	24991.21	-37.00	-27	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	25044.15	-37.26	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	24991.21	-37.53	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	25017.68	-36.40	-27	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	25097.09	-37.49	-27	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	25017.68	-36.74	-27	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	25044.15	-36.36	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	24964.74	-37.26	-27	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	25044.15	-37.36	-27	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	25017.68	-36.88	-27	Pass

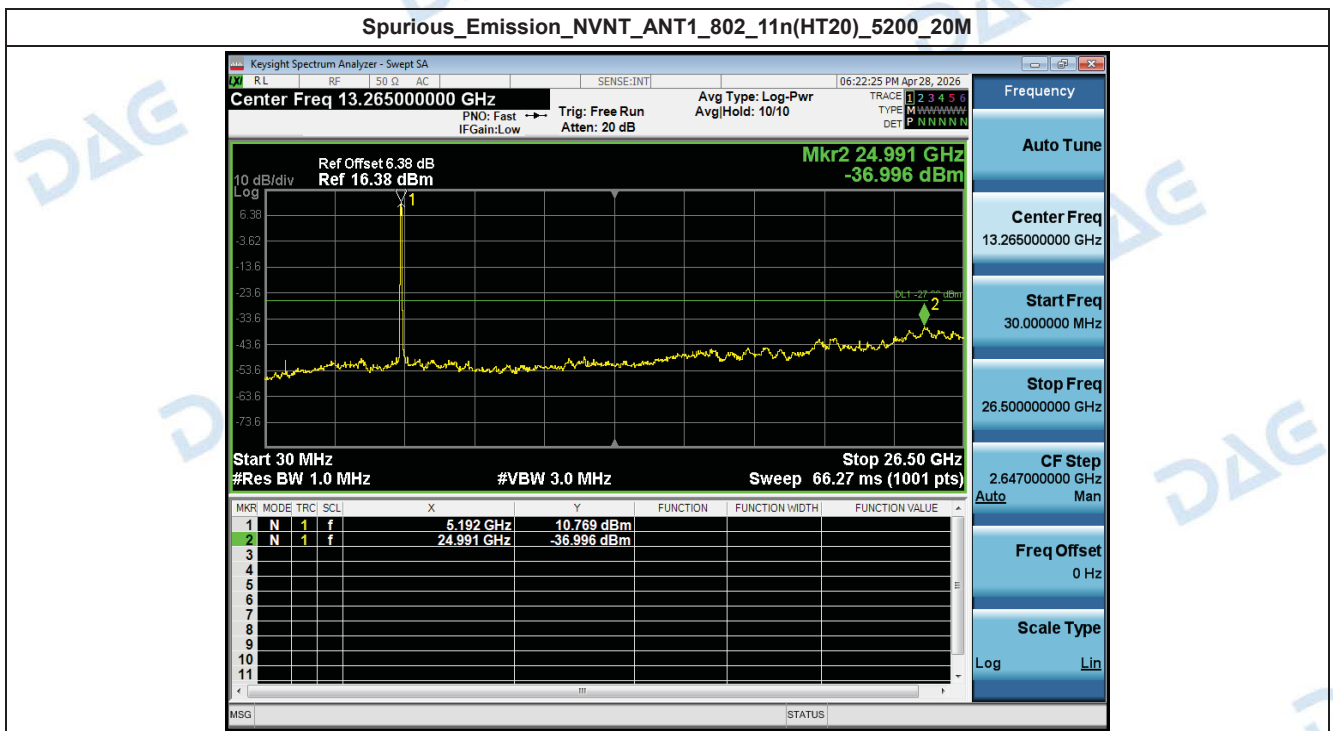
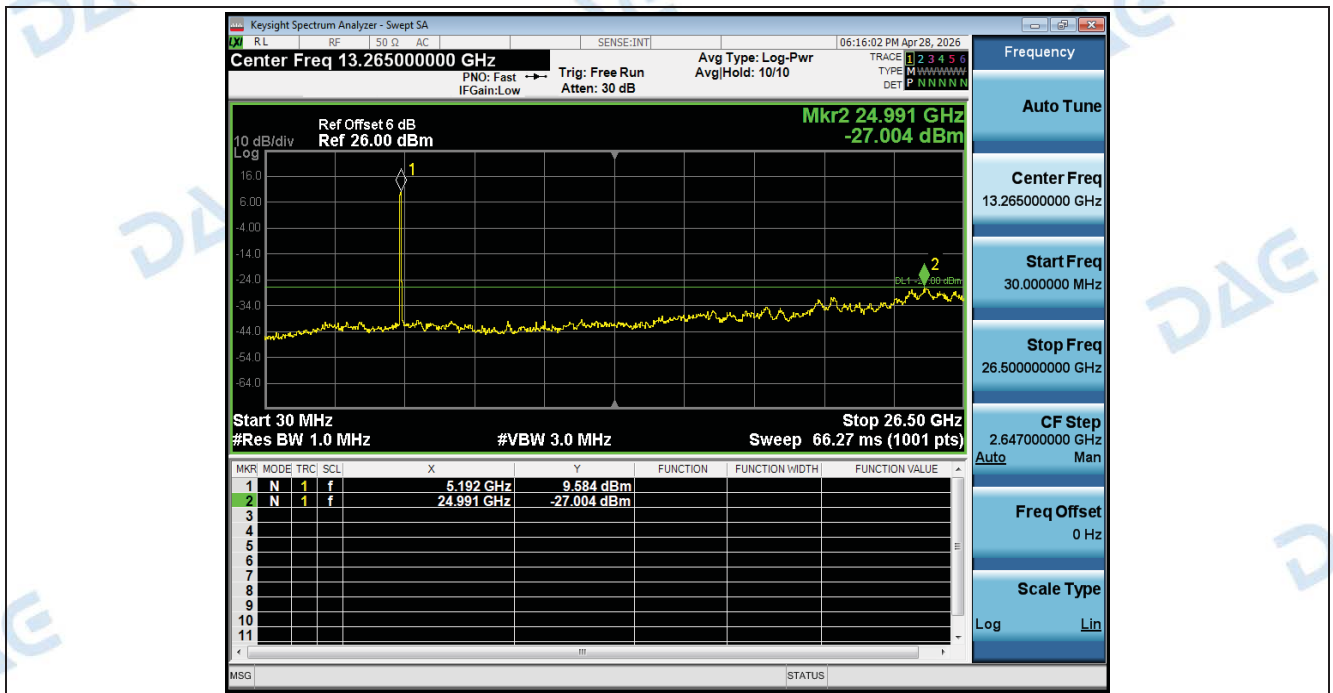
Spurious_Emission_NVNT_ANT1_802_11a_5180_20M



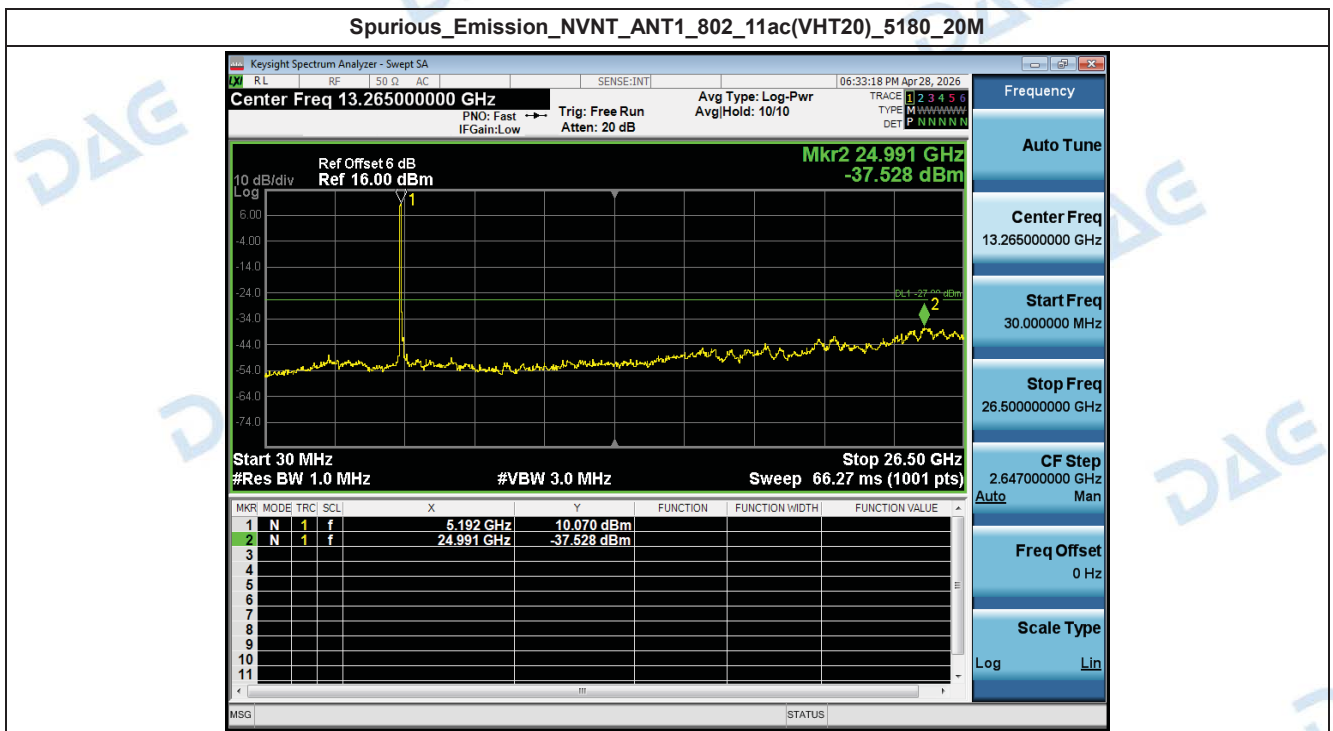
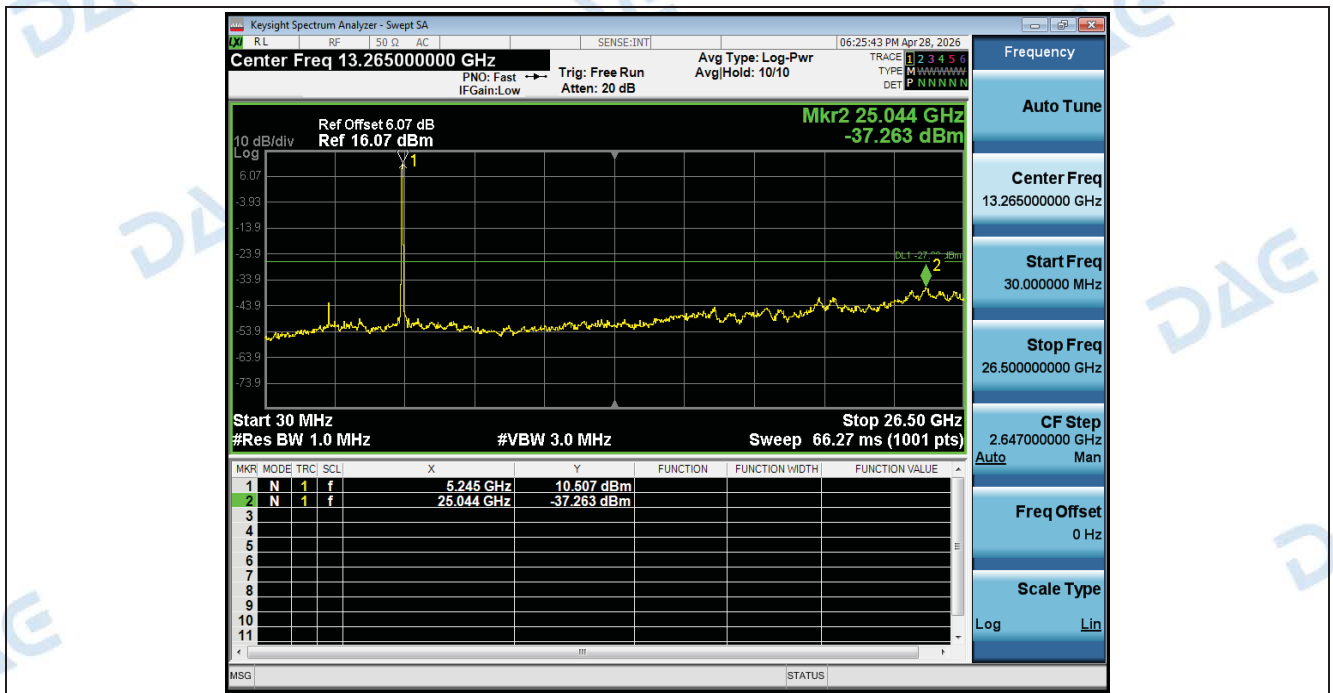
Spurious_Emission_NVNT_ANT1_802_11a_5200_20M



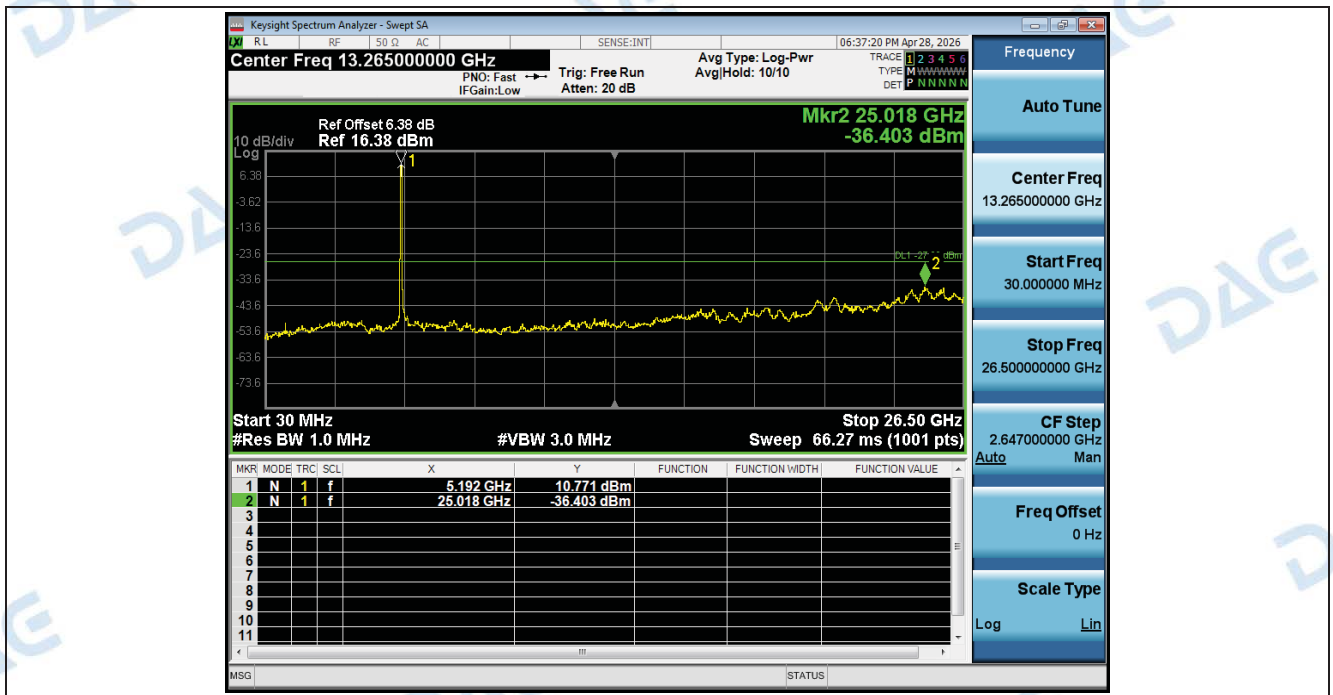
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



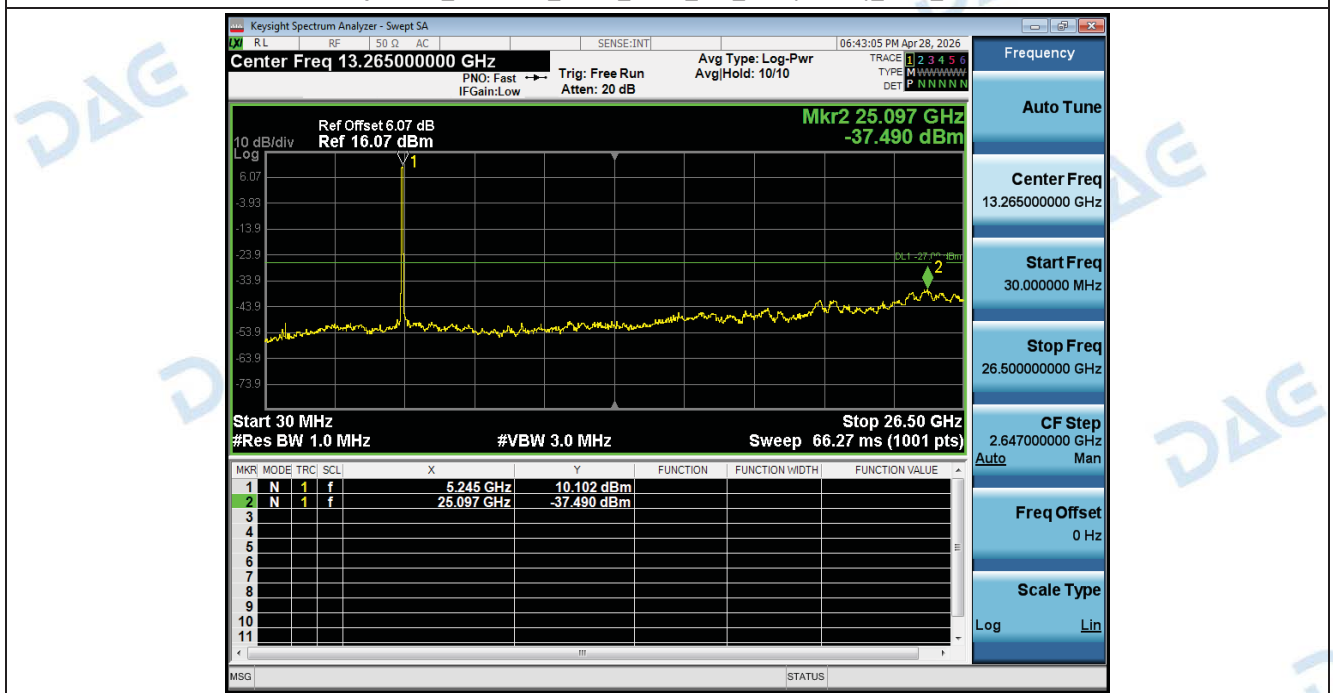
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5240_20M



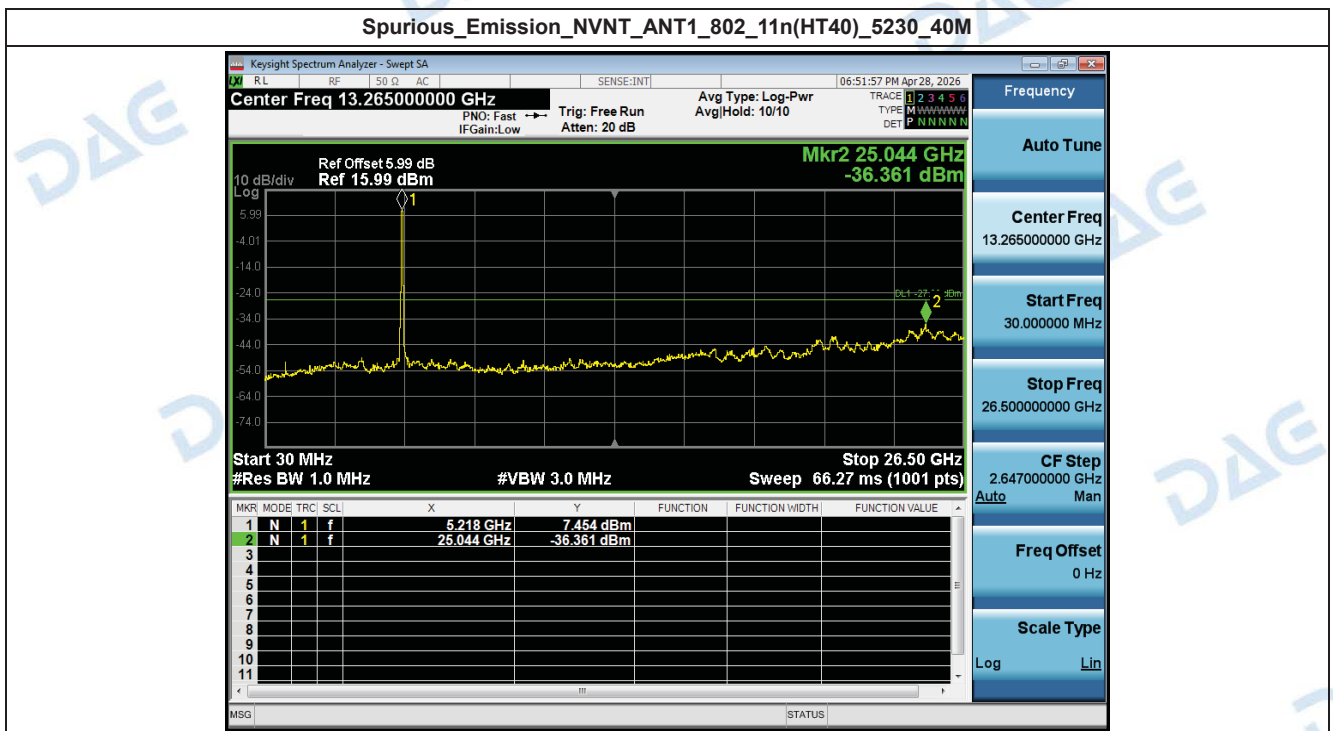
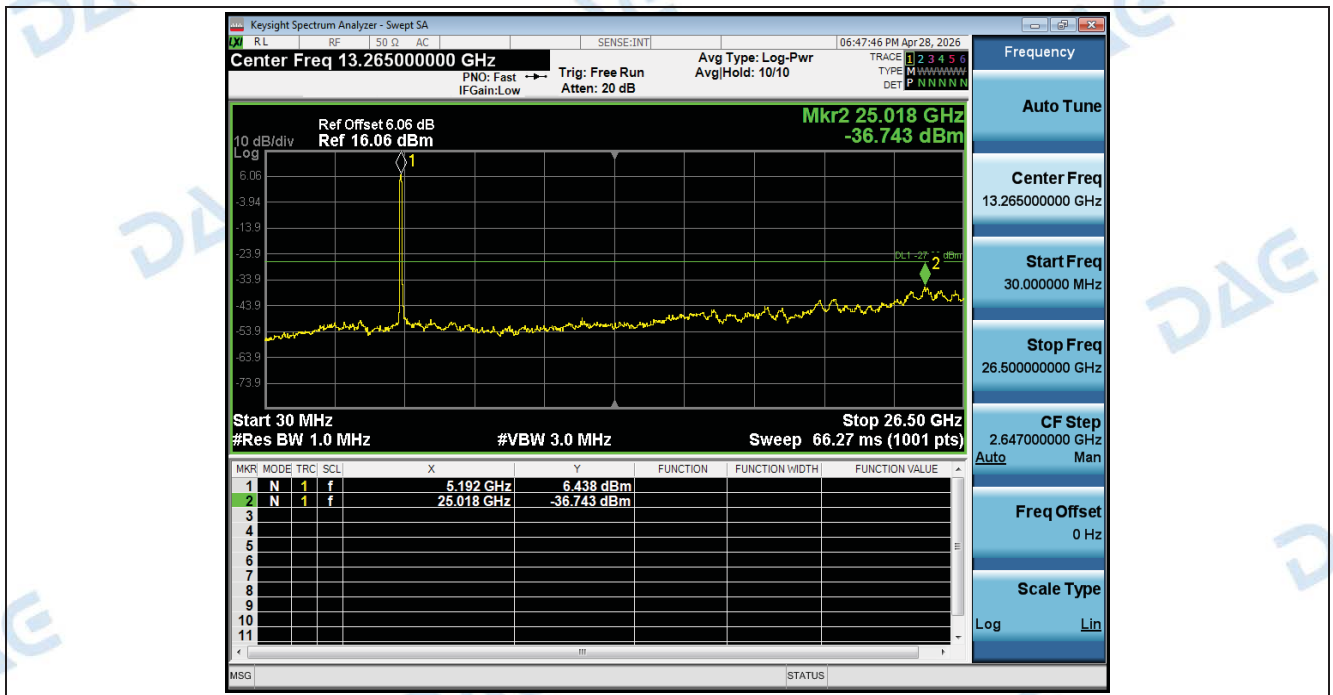
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5200_20M



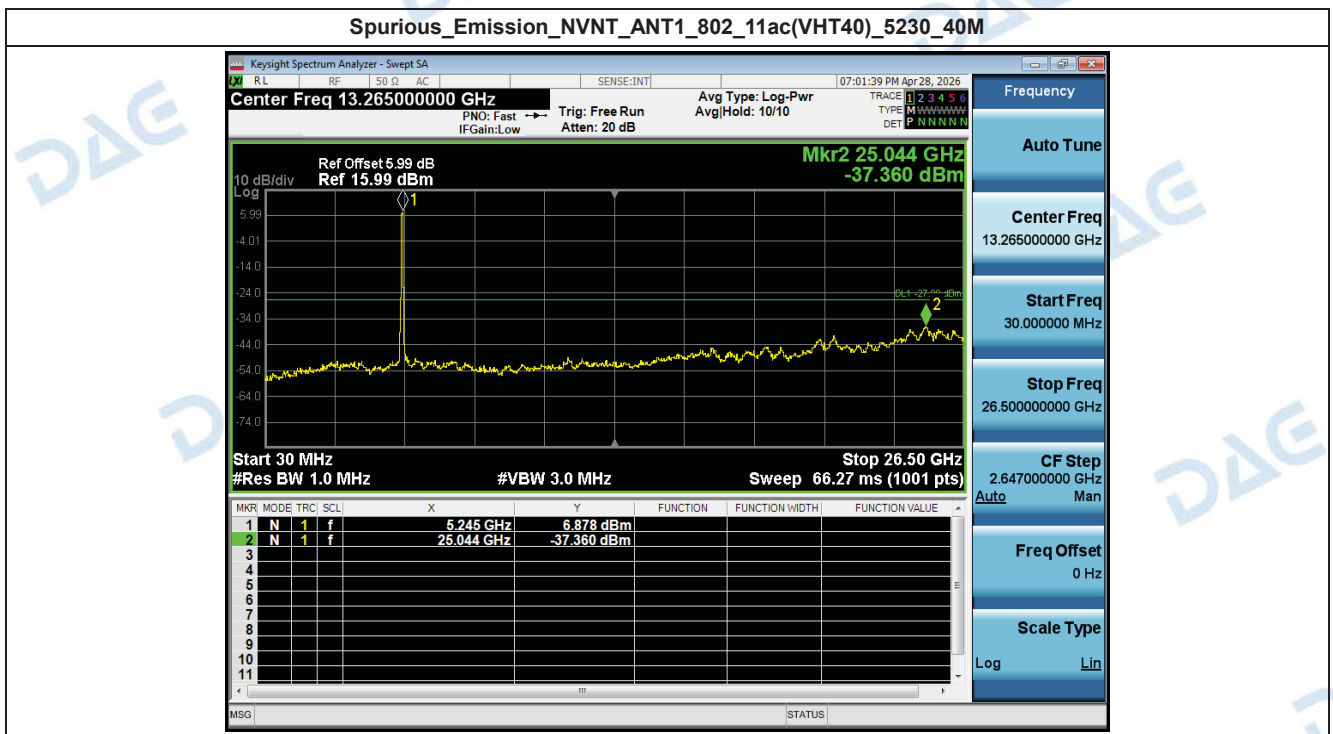
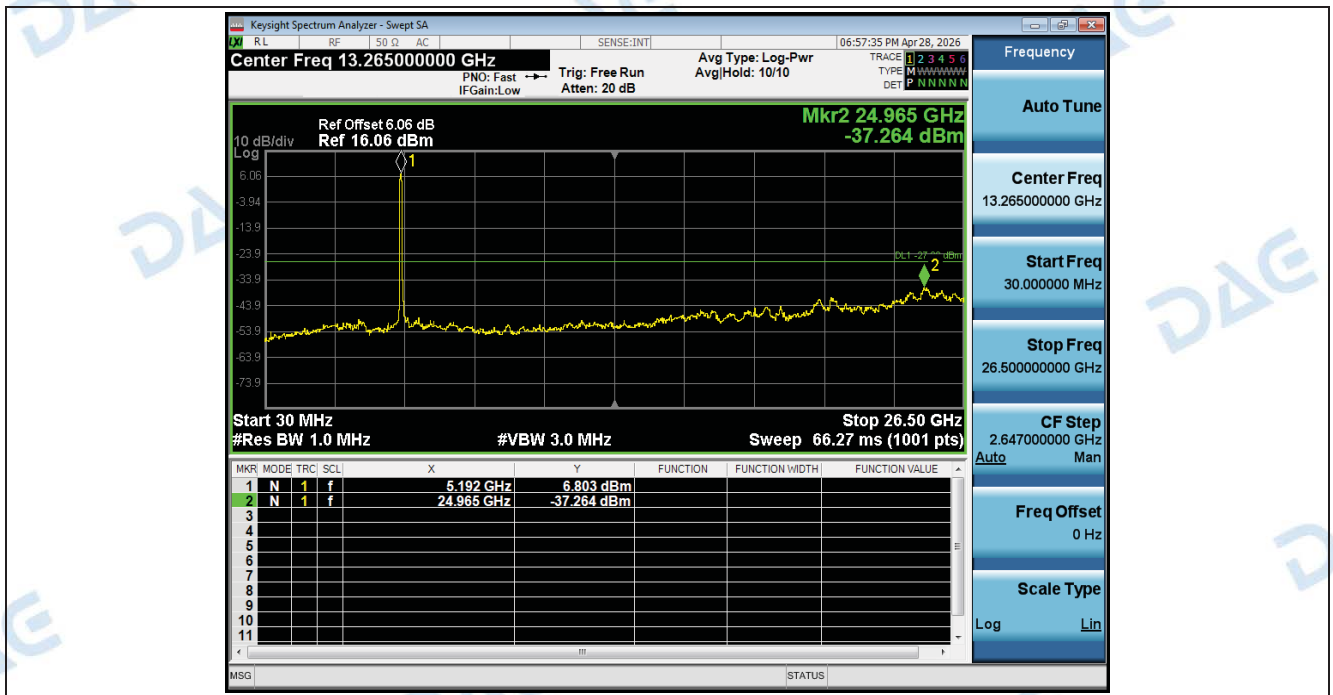
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5240_20M



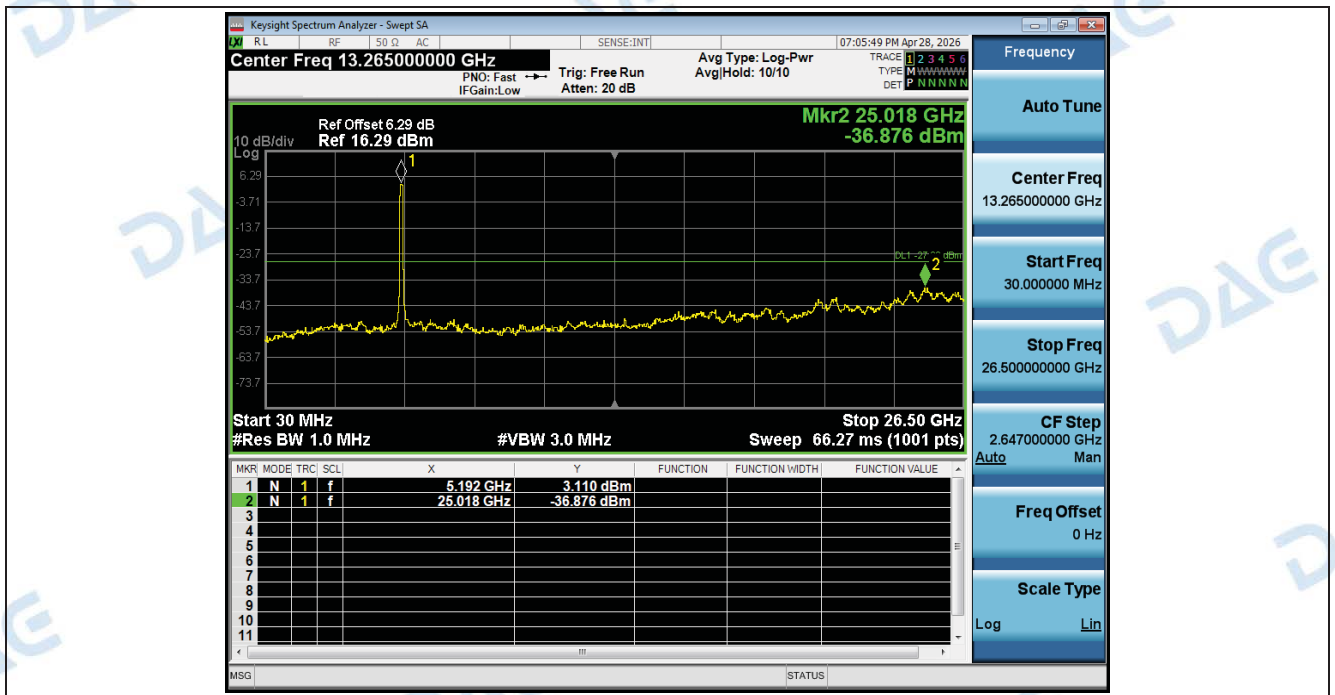
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5190_40M



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	ANT2	802.11a	5180.00	5181.040	5170.064	5192.016	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11a	5180.00	5180.280	5171.696	5188.864	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11a	5180.00	5180.162	5171.888	5188.436	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11a	5180.00	5180.148	5171.984	5188.312	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11a	5180.00	5180.148	5172.060	5188.236	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11a	5180.00	5180.148	5172.124	5188.172	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11a	5180.00	5180.148	5172.188	5188.108	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11a	5180.00	5180.148	5172.244	5188.052	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11a	5180.00	5180.148	5172.292	5188.004	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11a	5180.00	5180.146	5172.344	5187.948	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11a	5180.00	5180.152	5172.392	5187.912	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11a	5180.00	5180.142	5172.440	5187.844	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11a	5200.00	5200.624	5191.516	5209.732	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11a	5200.00	5200.172	5191.840	5208.504	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11a	5200.00	5200.144	5191.960	5208.328	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11a	5200.00	5200.138	5192.040	5208.236	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11a	5200.00	5200.138	5192.100	5208.176	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11a	5200.00	5200.136	5192.156	5208.116	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11a	5200.00	5200.132	5192.208	5208.056	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11a	5200.00	5200.142	5192.280	5208.004	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11a	5200.00	5200.142	5192.340	5207.944	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11a	5200.00	5200.140	5192.388	5207.892	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11a	5200.00	5200.136	5192.428	5207.844	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11a	5200.00	5200.142	5192.484	5207.800	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11a	5240.00	5240.218	5231.544	5248.892	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11a	5240.00	5240.138	5231.828	5248.448	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11a	5240.00	5240.120	5231.948	5248.292	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11a	5240.00	5240.120	5232.032	5248.208	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11a	5240.00	5240.114	5232.100	5248.128	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11a	5240.00	5240.120	5232.160	5248.080	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11a	5240.00	5240.116	5232.212	5248.020	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11a	5240.00	5240.110	5232.260	5247.960	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11a	5240.00	5240.108	5232.308	5247.908	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11a	5240.00	5240.116	5232.360	5247.872	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11a	5240.00	5240.122	5232.412	5247.832	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11a	5240.00	5240.112	5232.464	5247.760	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.122	5171.040	5189.204	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.106	5171.268	5188.944	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.104	5171.364	5188.844	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.104	5171.440	5188.768	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.102	5171.508	5188.696	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.100	5171.564	5188.636	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.088	5171.624	5188.552	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.102	5171.684	5188.520	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.104	5171.744	5188.464	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11n(HT20)	5180.00	5180.098	5171.792	5188.404	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11n(HT20)	5180.00	5180.098	5171.848	5188.348	5150~5250	Pass

25degrees C&&3.23V	ANT2	802.11n(HT20)	5180.00	5180.096	5171.904	5188.288	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.190	5191.060	5209.320	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.126	5191.280	5208.972	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.112	5191.372	5208.852	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.114	5191.448	5208.780	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.106	5191.512	5208.700	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.112	5191.580	5208.644	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.106	5191.644	5208.568	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.126	5191.720	5208.532	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.130	5191.776	5208.484	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11n(HT20)	5200.00	5200.136	5191.844	5208.428	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11n(HT20)	5200.00	5200.146	5191.900	5208.392	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11n(HT20)	5200.00	5200.126	5191.956	5208.296	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.172	5230.984	5249.360	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.108	5231.240	5248.976	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.094	5231.340	5248.848	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.096	5231.416	5248.776	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.096	5231.492	5248.700	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.100	5231.560	5248.640	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.096	5231.628	5248.564	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.106	5231.688	5248.524	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.102	5231.748	5248.456	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11n(HT20)	5240.00	5240.106	5231.804	5248.408	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11n(HT20)	5240.00	5240.122	5231.868	5248.376	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11n(HT20)	5240.00	5240.114	5231.932	5248.296	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.106	5171.060	5189.152	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.094	5171.264	5188.924	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.082	5171.352	5188.812	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.086	5171.428	5188.744	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.086	5171.496	5188.676	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.090	5171.564	5188.616	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.100	5171.624	5188.576	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.094	5171.692	5188.496	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.102	5171.752	5188.452	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11ac(VHT20)	5180.00	5180.104	5171.808	5188.400	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11ac(VHT20)	5180.00	5180.106	5171.860	5188.352	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11ac(VHT20)	5180.00	5180.116	5171.920	5188.312	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.084	5191.120	5209.048	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.084	5191.284	5208.884	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.076	5191.368	5208.784	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.076	5191.444	5208.708	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.080	5191.508	5208.652	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.080	5191.568	5208.592	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.066	5191.620	5208.512	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.092	5191.696	5208.488	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.090	5191.760	5208.420	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11ac(VHT20)	5200.00	5200.084	5191.824	5208.344	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11ac(VHT20)	5200.00	5200.106	5191.880	5208.332	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11ac(VHT20)	5200.00	5200.102	5191.936	5208.268	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.096	5231.120	5249.072	5150~5250	Pass

40degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.082	5231.276	5248.888	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.080	5231.364	5248.796	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.074	5231.432	5248.716	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.070	5231.496	5248.644	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.076	5231.556	5248.596	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.068	5231.608	5248.528	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.074	5231.668	5248.480	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.066	5231.720	5248.412	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11ac(VHT20)	5240.00	5240.082	5231.780	5248.384	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11ac(VHT20)	5240.00	5240.080	5231.832	5248.328	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11ac(VHT20)	5240.00	5240.088	5231.896	5248.280	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.104	5171.904	5208.304	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.108	5172.144	5208.072	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.136	5172.344	5207.928	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.176	5172.528	5207.824	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.152	5172.648	5207.656	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.184	5172.816	5207.552	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.240	5173.024	5207.456	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.276	5173.192	5207.360	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.236	5173.336	5207.136	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11n(HT40)	5190.00	5190.336	5173.488	5207.184	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11n(HT40)	5190.00	5190.296	5173.648	5206.944	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11n(HT40)	5190.00	5190.284	5173.792	5206.776	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.084	5211.848	5248.320	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.100	5212.088	5248.112	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.100	5212.232	5247.968	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.116	5212.384	5247.848	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.108	5212.520	5247.696	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.112	5212.648	5247.576	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.096	5212.768	5247.424	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.144	5212.920	5247.368	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.108	5213.032	5247.184	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11n(HT40)	5230.00	5230.128	5213.184	5247.072	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11n(HT40)	5230.00	5230.180	5213.336	5247.024	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11n(HT40)	5230.00	5230.184	5213.464	5246.904	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.084	5171.880	5208.288	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.128	5172.152	5208.104	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.116	5172.304	5207.928	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.136	5172.488	5207.784	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.132	5172.616	5207.648	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.180	5172.800	5207.560	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.208	5172.952	5207.464	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.240	5173.128	5207.352	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.212	5173.256	5207.168	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11ac(VHT40)	5190.00	5190.232	5173.424	5207.040	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11ac(VHT40)	5190.00	5190.304	5173.568	5207.040	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11ac(VHT40)	5190.00	5190.280	5173.696	5206.864	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.080	5211.864	5248.296	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.092	5212.096	5248.088	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.072	5212.224	5247.920	5150~5250	Pass

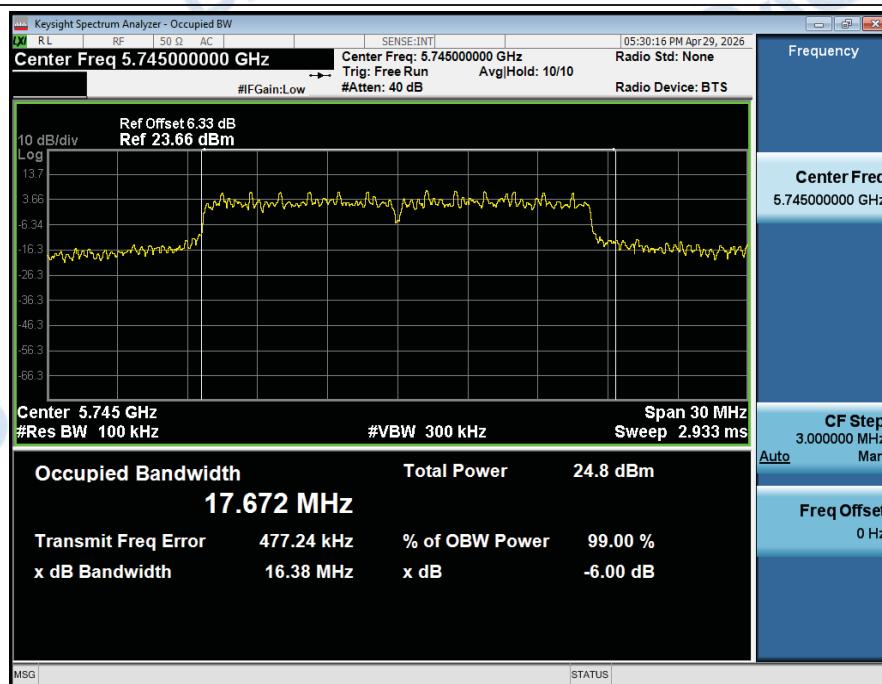
20degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.060	5212.376	5247.744	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.080	5212.528	5247.632	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.092	5212.656	5247.528	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.092	5212.784	5247.400	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.080	5212.960	5247.200	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.128	5213.080	5247.176	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11ac(VHT40)	5230.00	5230.164	5213.248	5247.080	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11ac(VHT40)	5230.00	5230.176	5213.376	5246.976	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11ac(VHT40)	5230.00	5230.144	5213.496	5246.792	5150~5250	Pass
50degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.096	5172.344	5247.848	5150~5250	Pass
40degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.192	5172.920	5247.464	5150~5250	Pass
30degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.210	5173.448	5246.972	5150~5250	Pass
20degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.342	5173.964	5246.720	5150~5250	Pass
10degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.360	5174.408	5246.312	5150~5250	Pass
0degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.432	5174.936	5245.928	5150~5250	Pass
-10degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.402	5175.284	5245.520	5150~5250	Pass
-20degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.558	5175.764	5245.352	5150~5250	Pass
-30degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.558	5176.112	5245.004	5150~5250	Pass
25degrees C&&4.37V	ANT2	802.11ac(VHT80)	5210.00	5210.648	5176.508	5244.788	5150~5250	Pass
25degrees C&&3.80V	ANT2	802.11ac(VHT80)	5210.00	5210.624	5176.916	5244.332	5150~5250	Pass
25degrees C&&3.23V	ANT2	802.11ac(VHT80)	5210.00	5210.840	5177.372	5244.308	5150~5250	Pass

FCC_5.8G_WIFI ANT1 Test Data

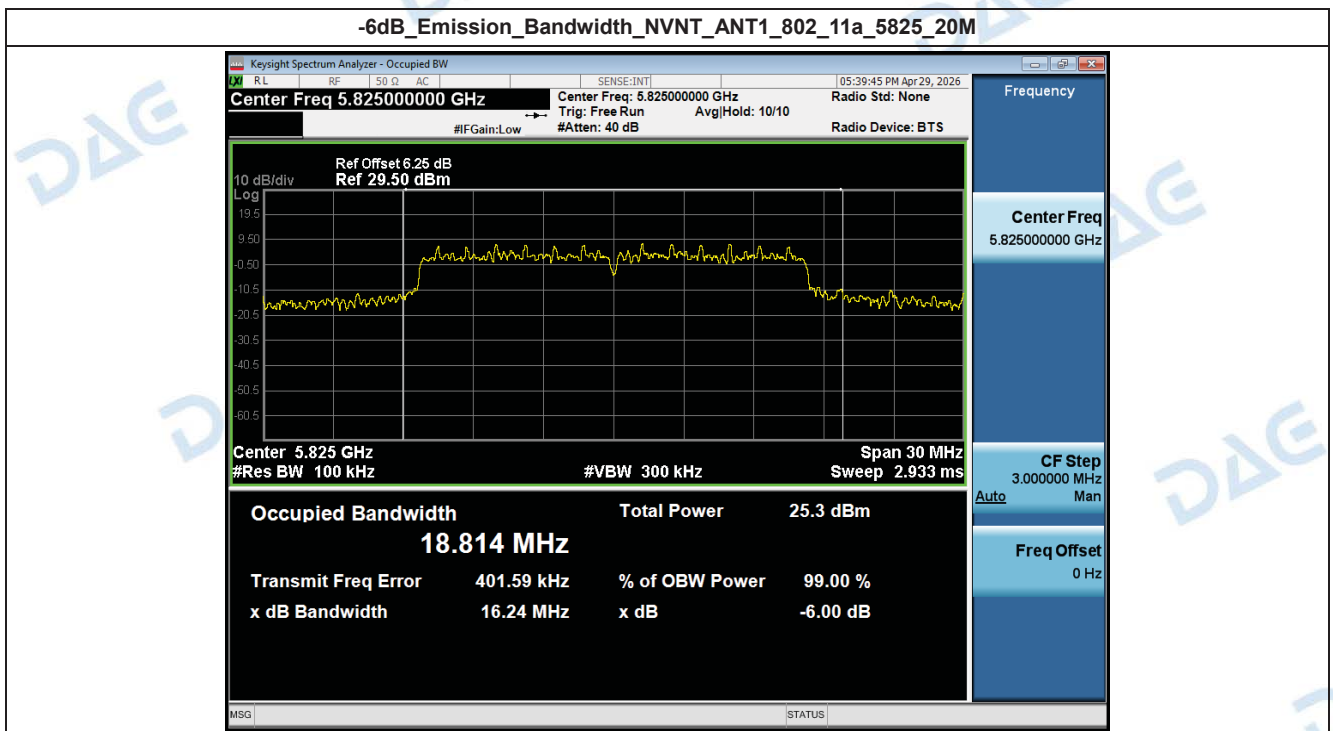
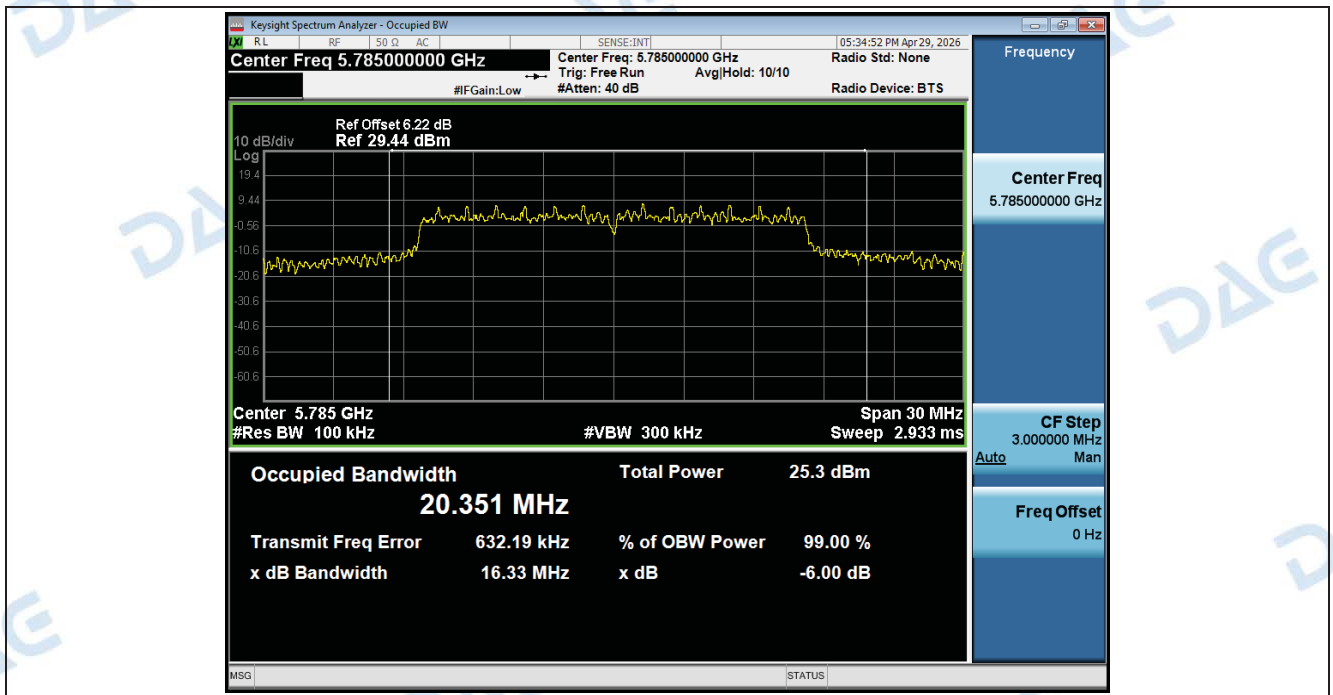
1. -6dB Emission Bandwidth

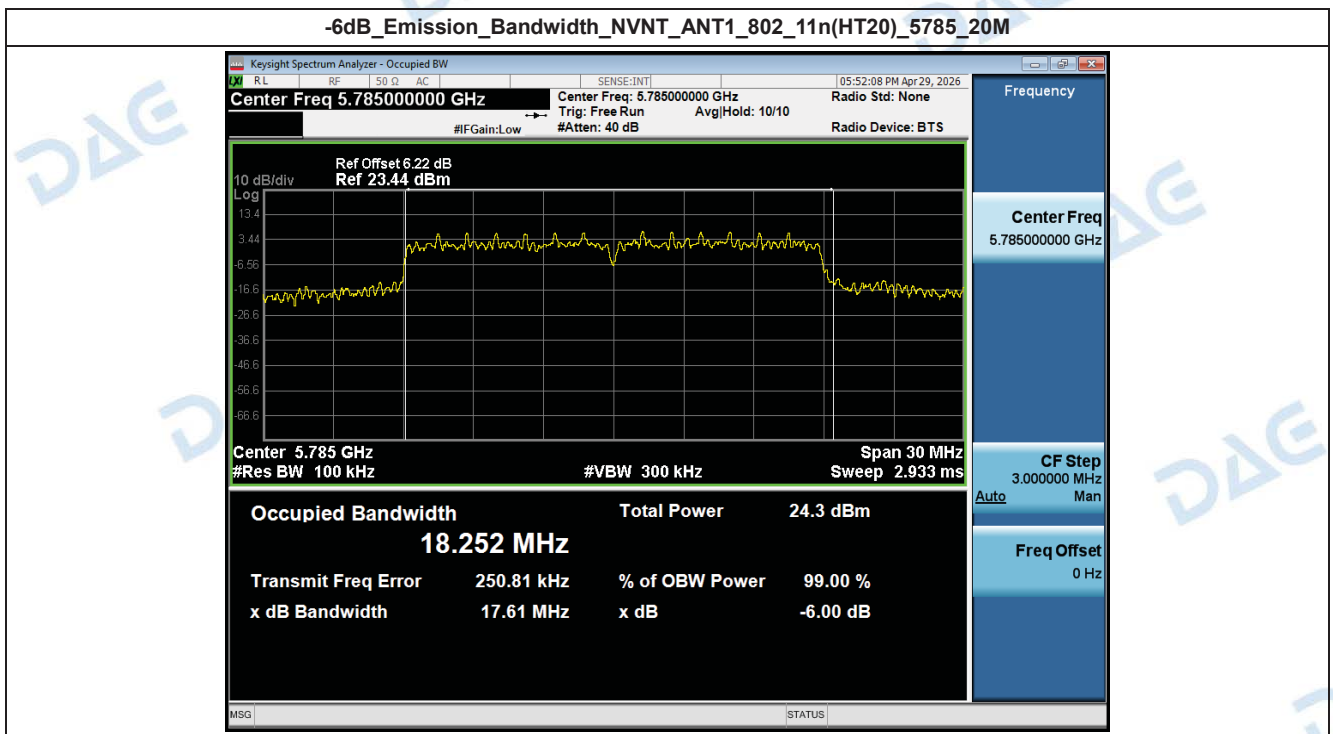
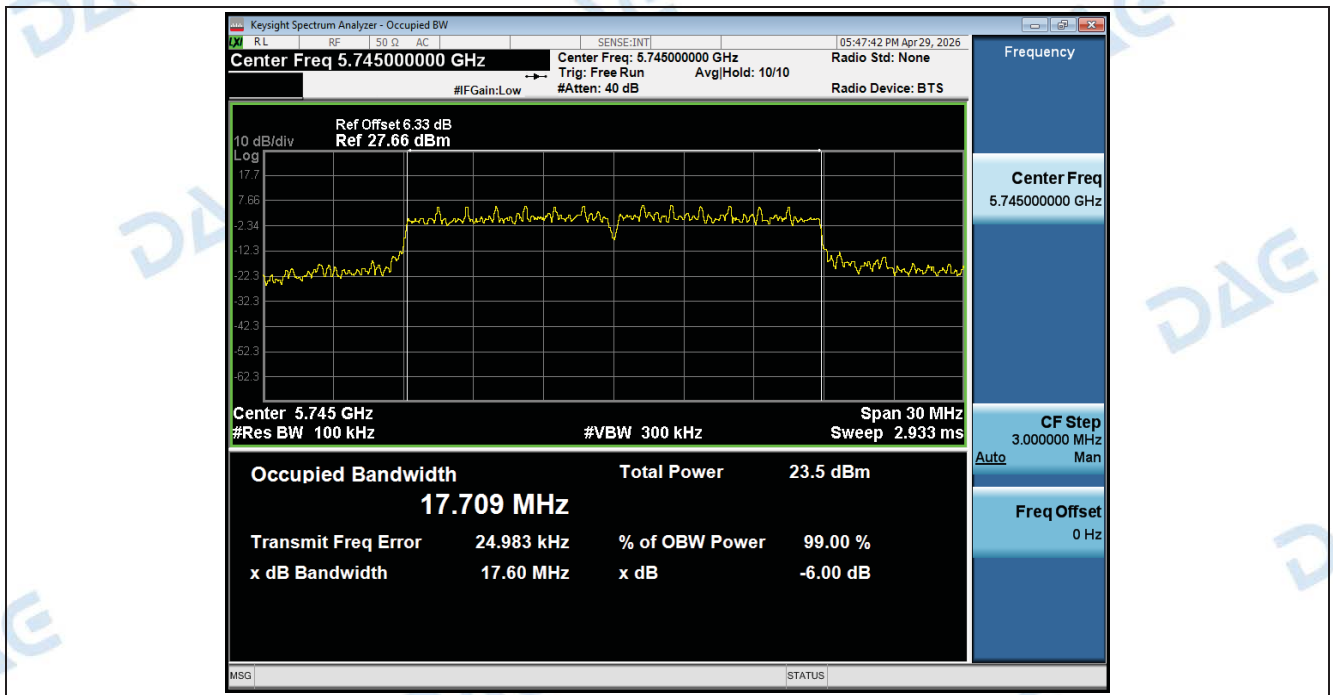
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.382	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.327	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.239	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	17.597	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	17.615	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	17.242	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	17.558	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	17.280	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	17.570	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.163	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	33.914	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.168	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	33.946	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	73.951	0.500	Pass

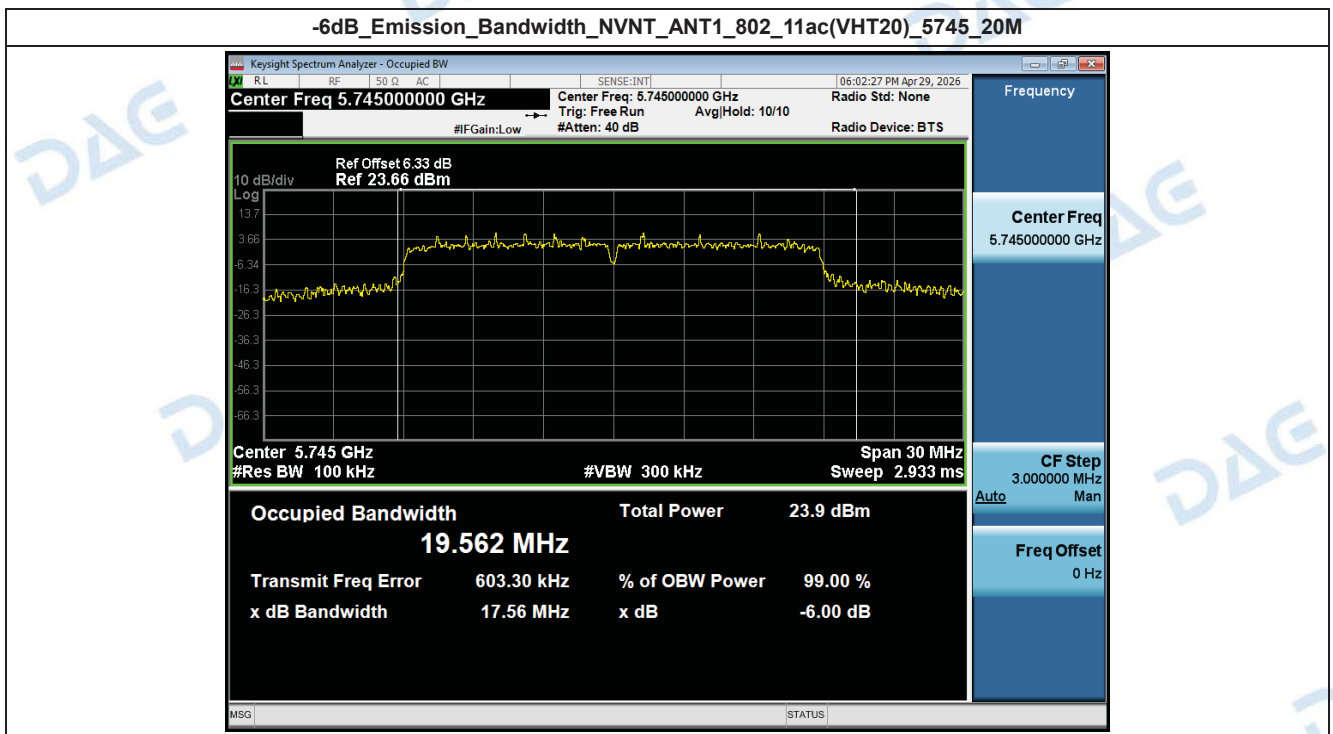
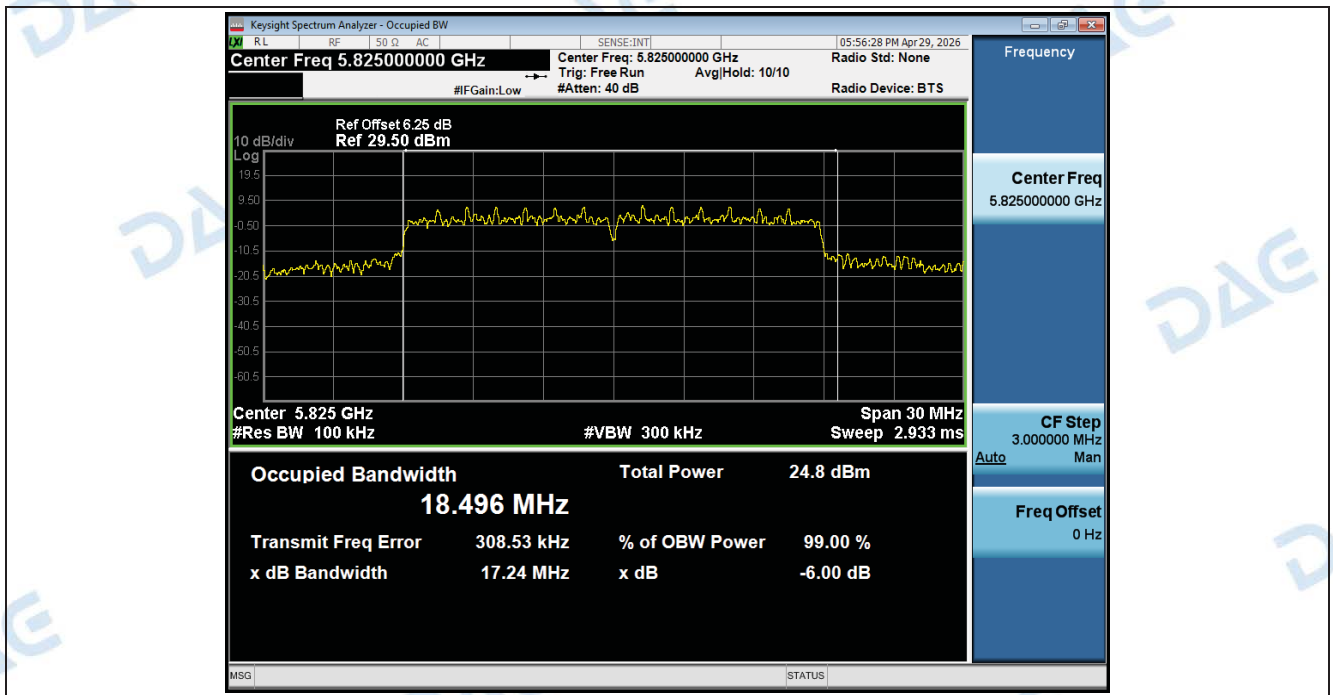
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M

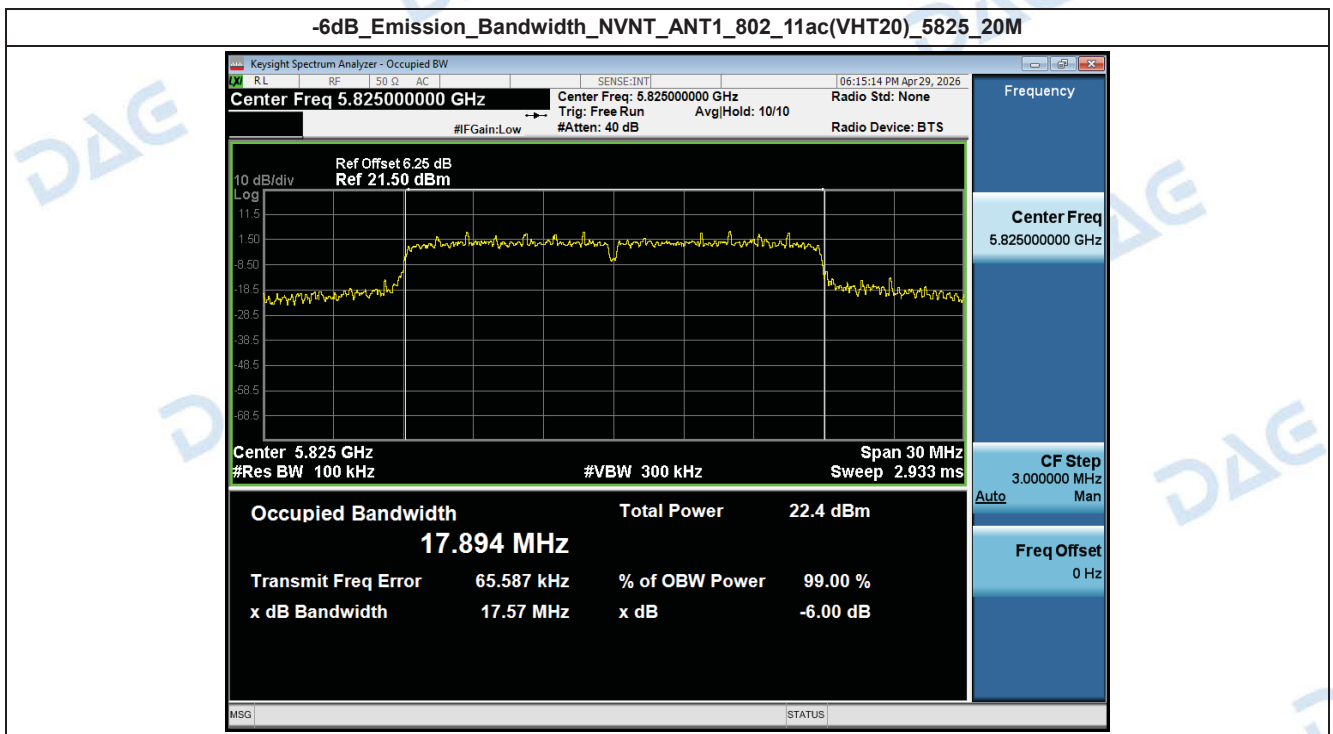
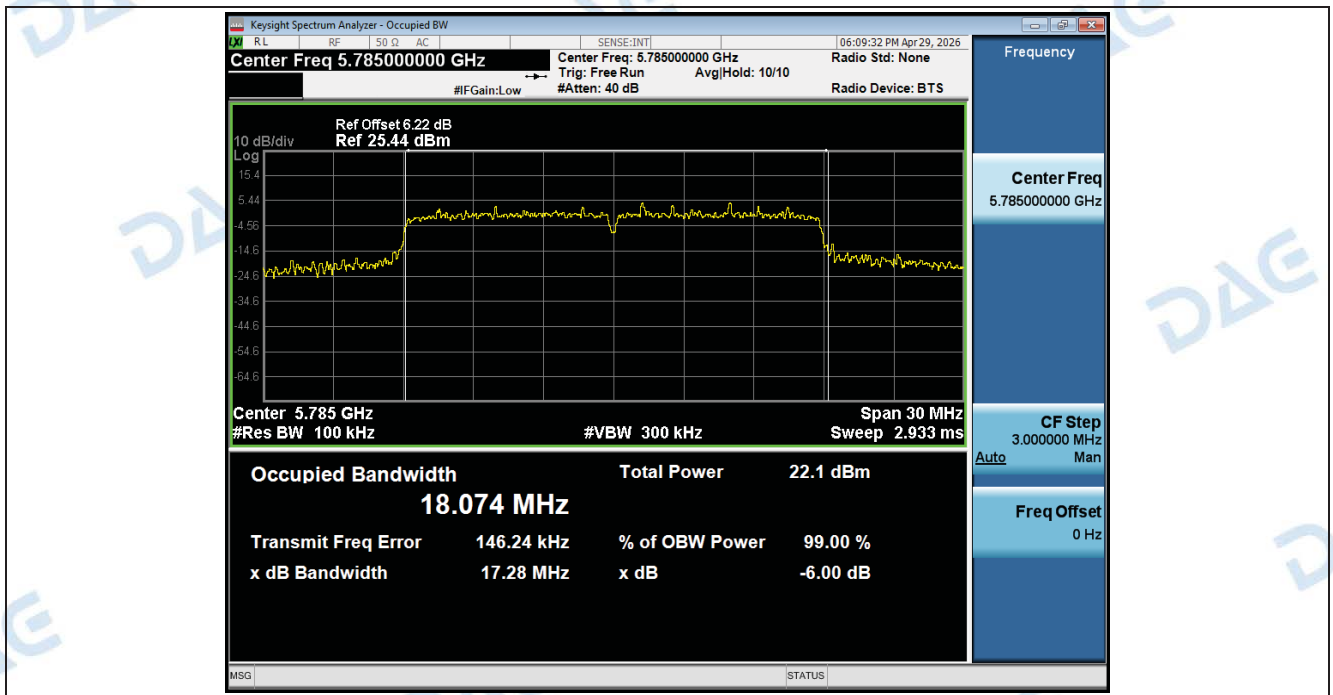


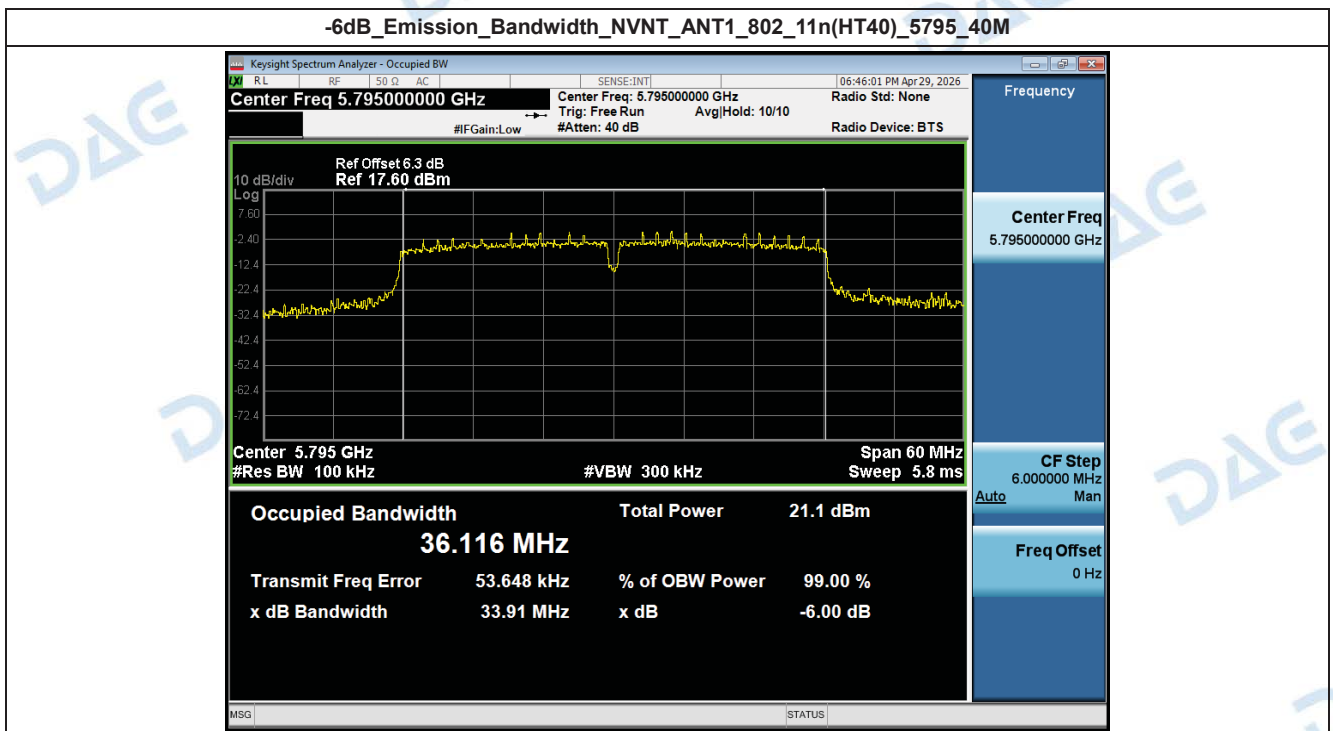
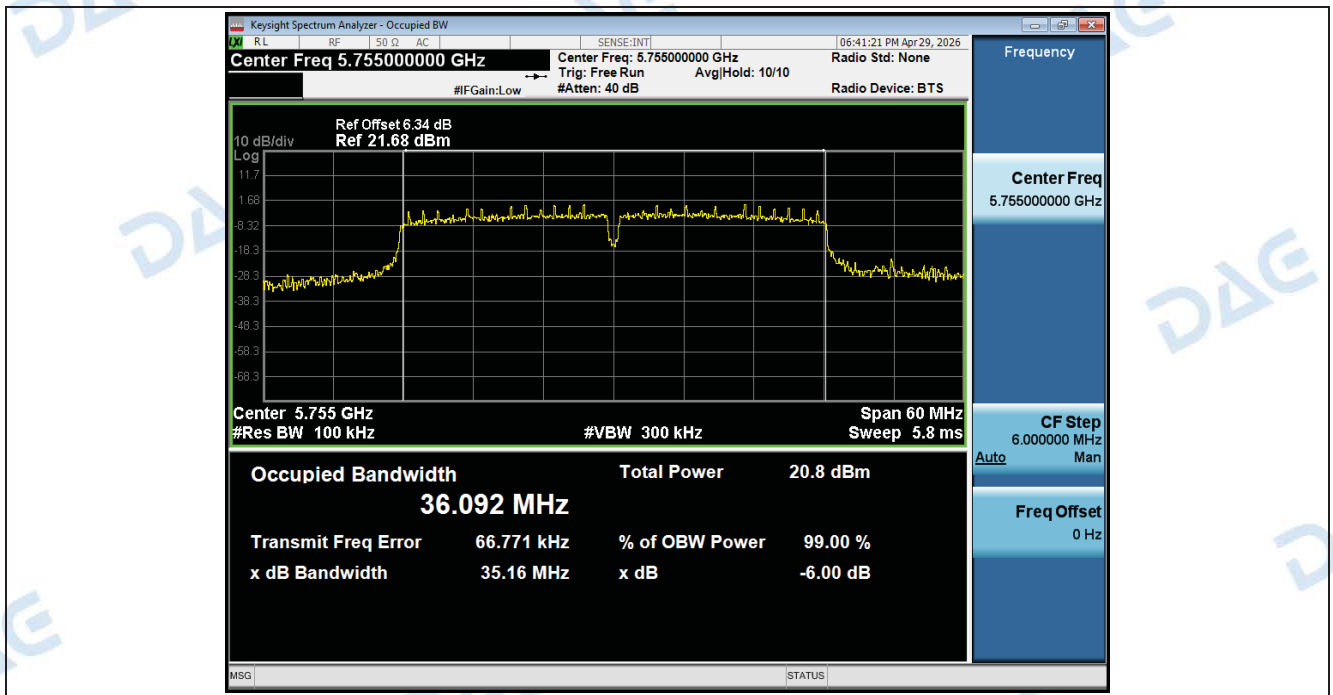
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M

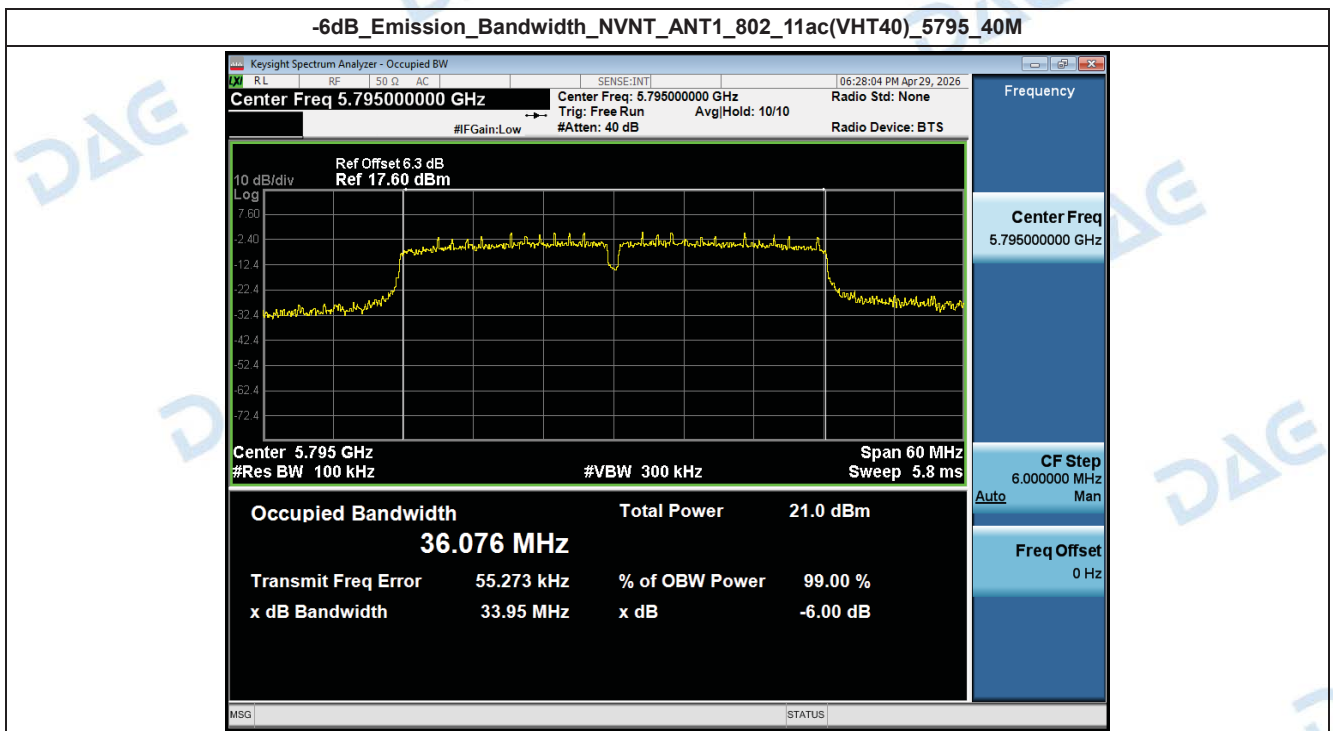
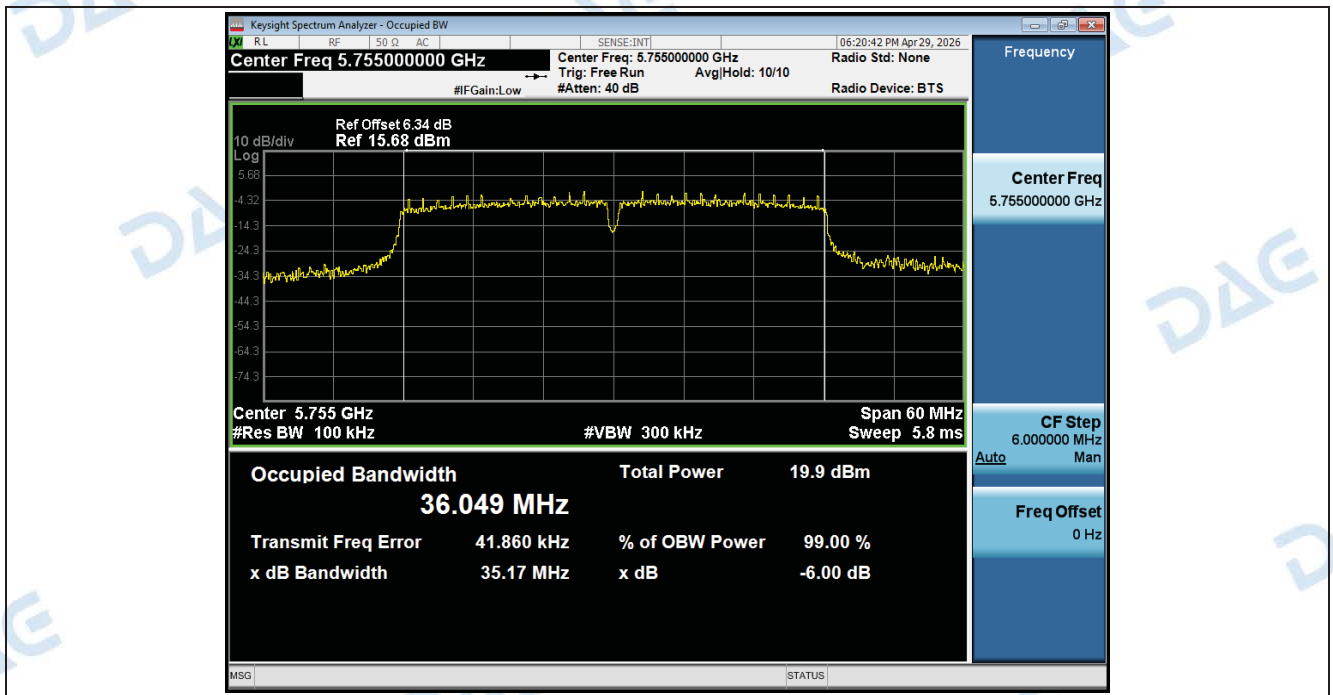


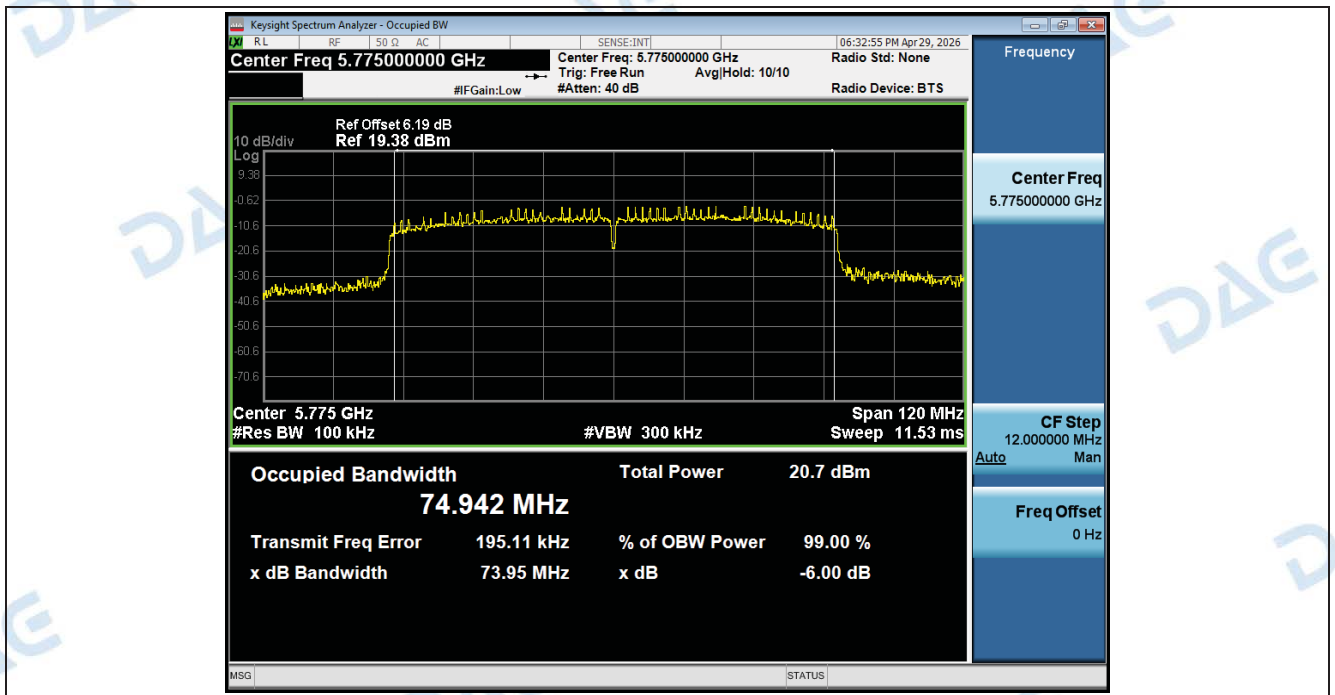








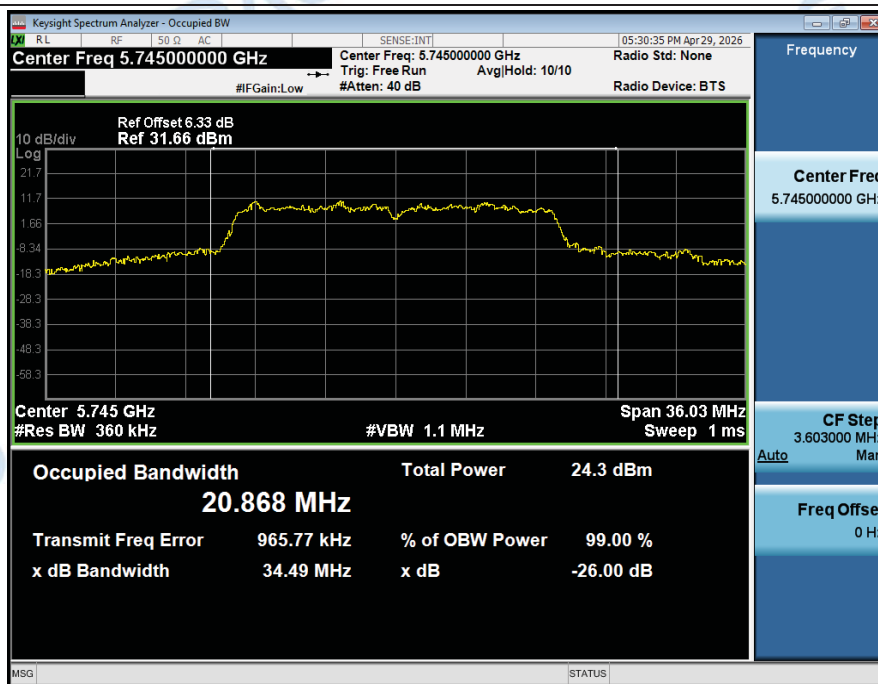




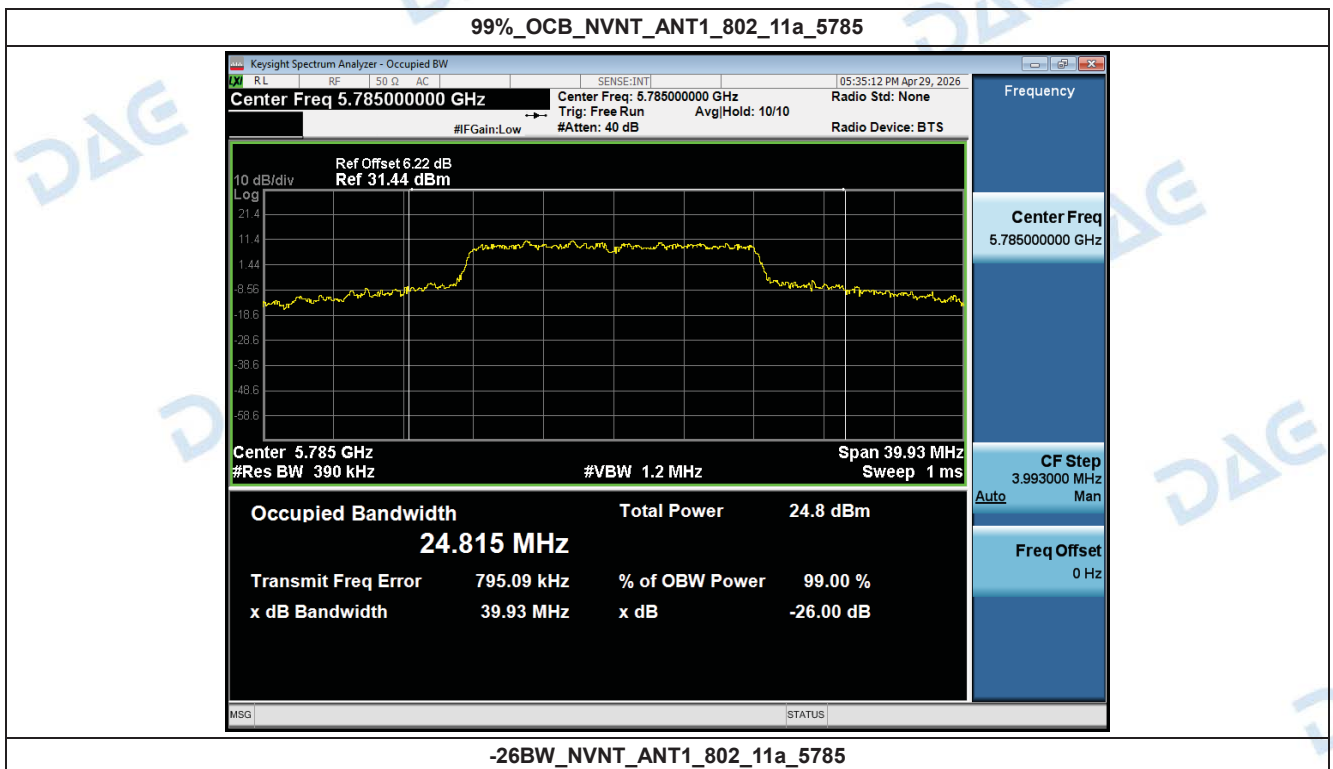
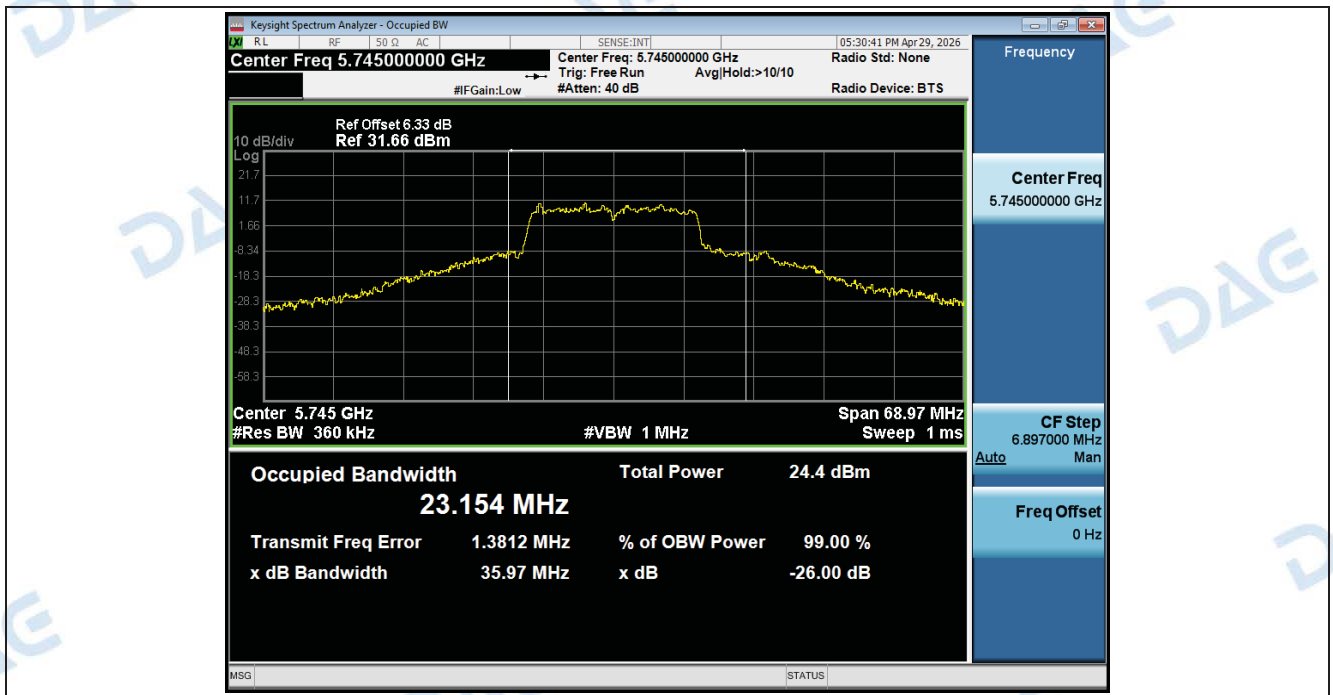
2. -26dB and 99% Emission Bandwidth

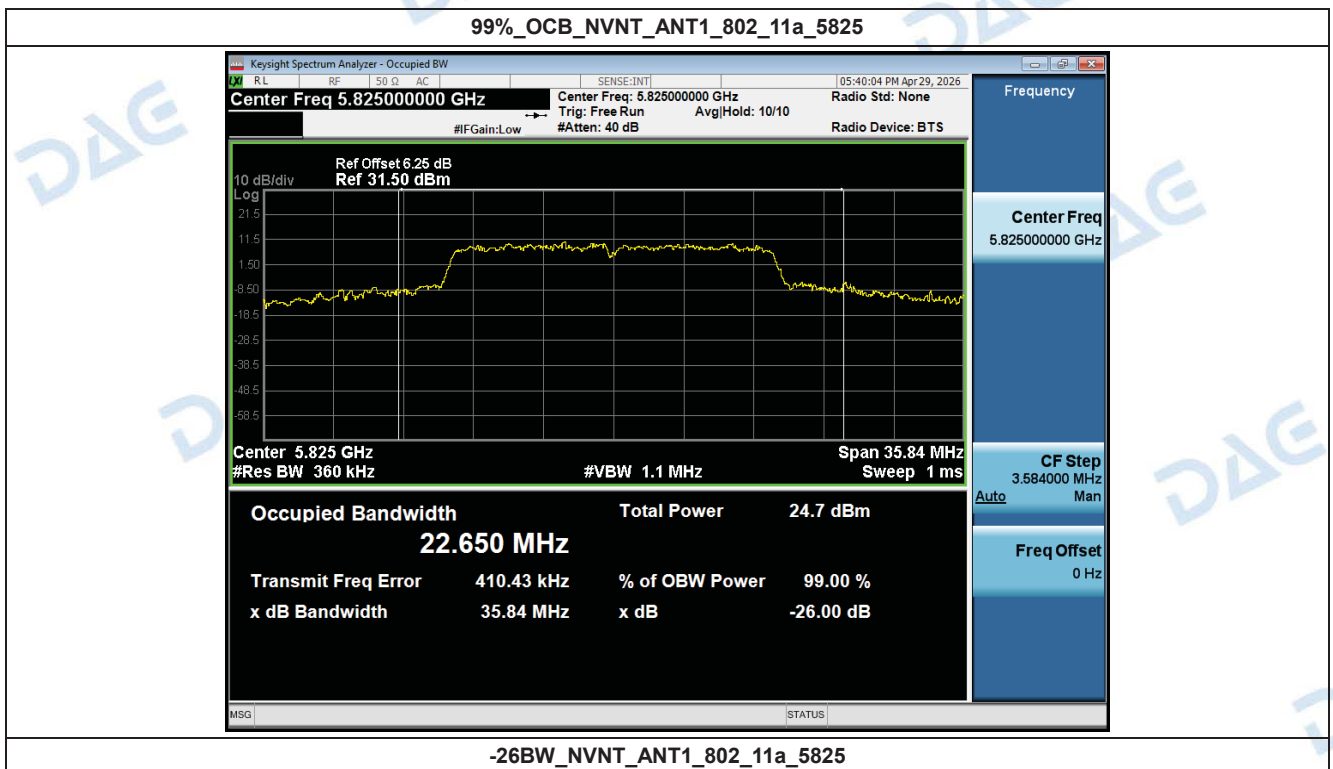
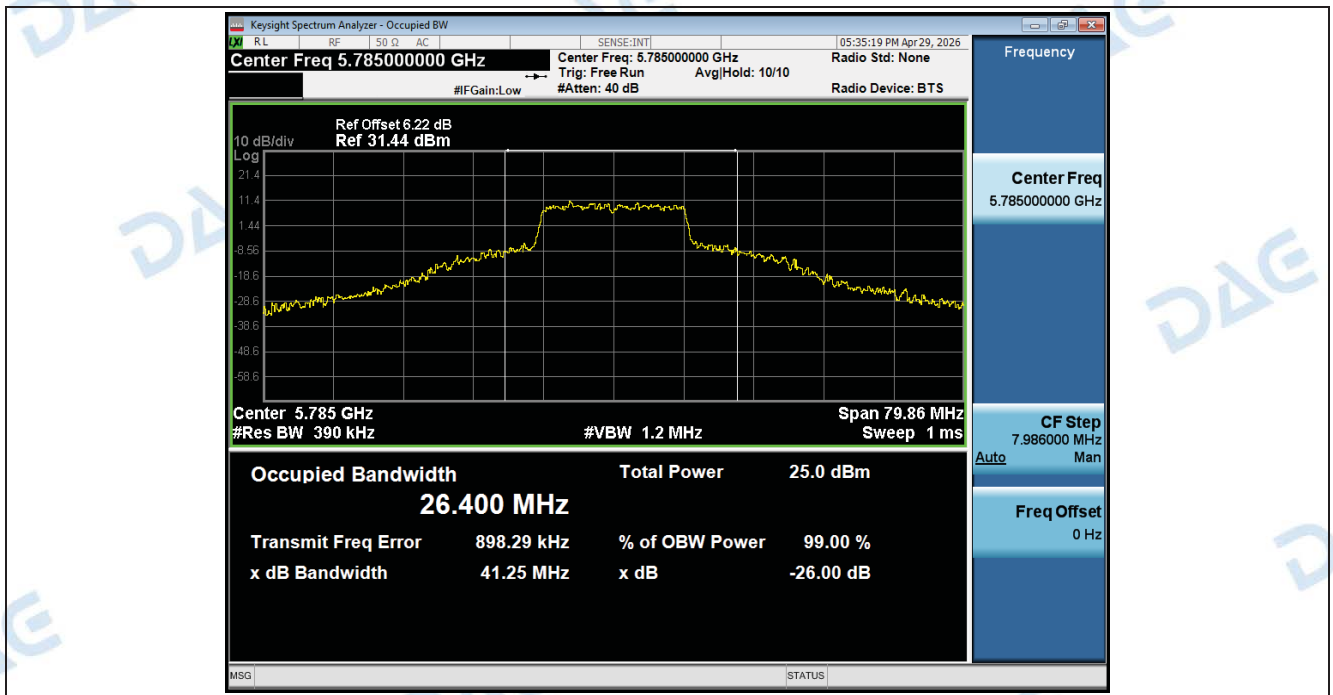
Condition	Antenna	Modulation	Frequency(MHz)	26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	35.97	20.87
NVNT	ANT1	802.11a	5785.00	41.25	24.81
NVNT	ANT1	802.11a	5825.00	40.09	22.65
NVNT	ANT1	802.11n(HT20)	5745.00	38.35	18.98
NVNT	ANT1	802.11n(HT20)	5785.00	39.55	21.48
NVNT	ANT1	802.11n(HT20)	5825.00	41.24	21.37
NVNT	ANT1	802.11ac(VHT20)	5745.00	43.68	22.49
NVNT	ANT1	802.11ac(VHT20)	5785.00	39.05	19.89
NVNT	ANT1	802.11ac(VHT20)	5825.00	38.78	19.35
NVNT	ANT1	802.11n(HT40)	5755.00	69.84	37.17
NVNT	ANT1	802.11n(HT40)	5795.00	64.41	36.90
NVNT	ANT1	802.11ac(VHT40)	5755.00	60.64	36.68
NVNT	ANT1	802.11ac(VHT40)	5795.00	63.93	36.91
NVNT	ANT1	802.11ac(VHT80)	5775.00	111.62	75.20

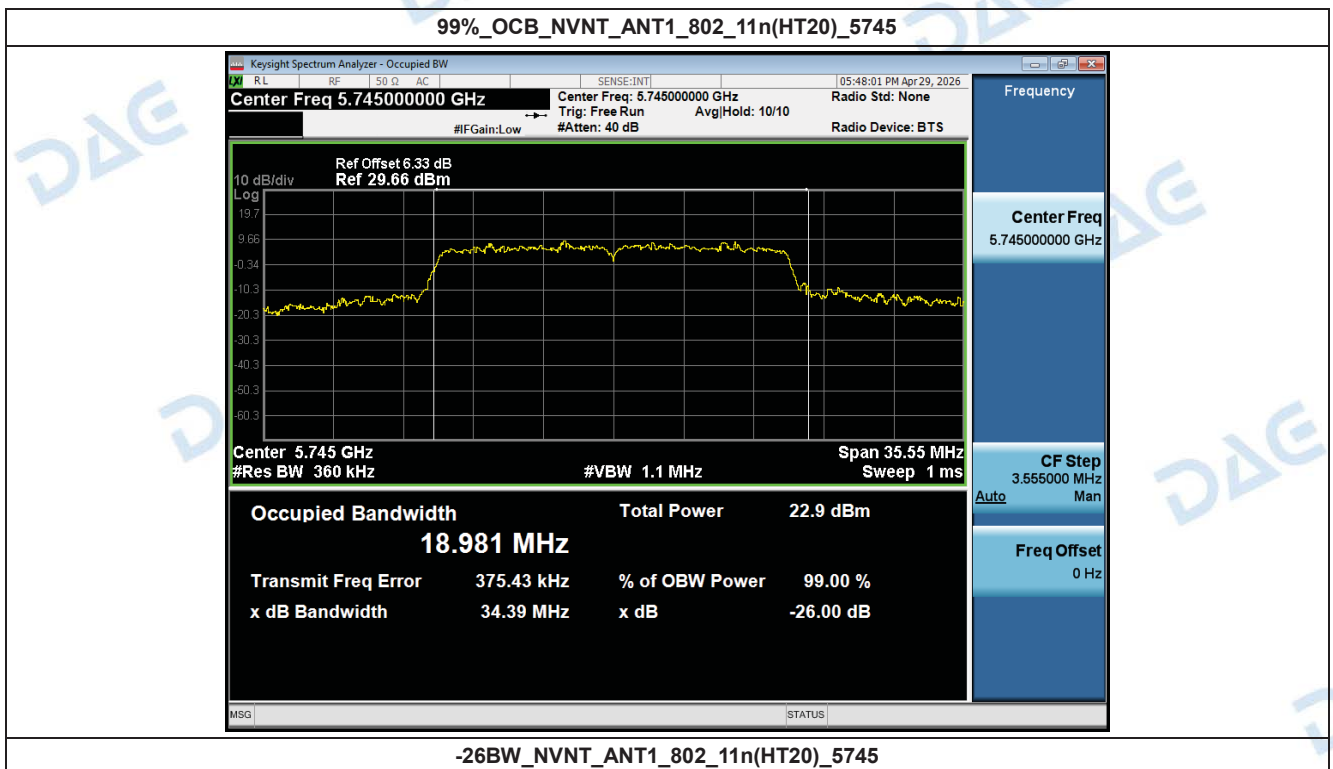
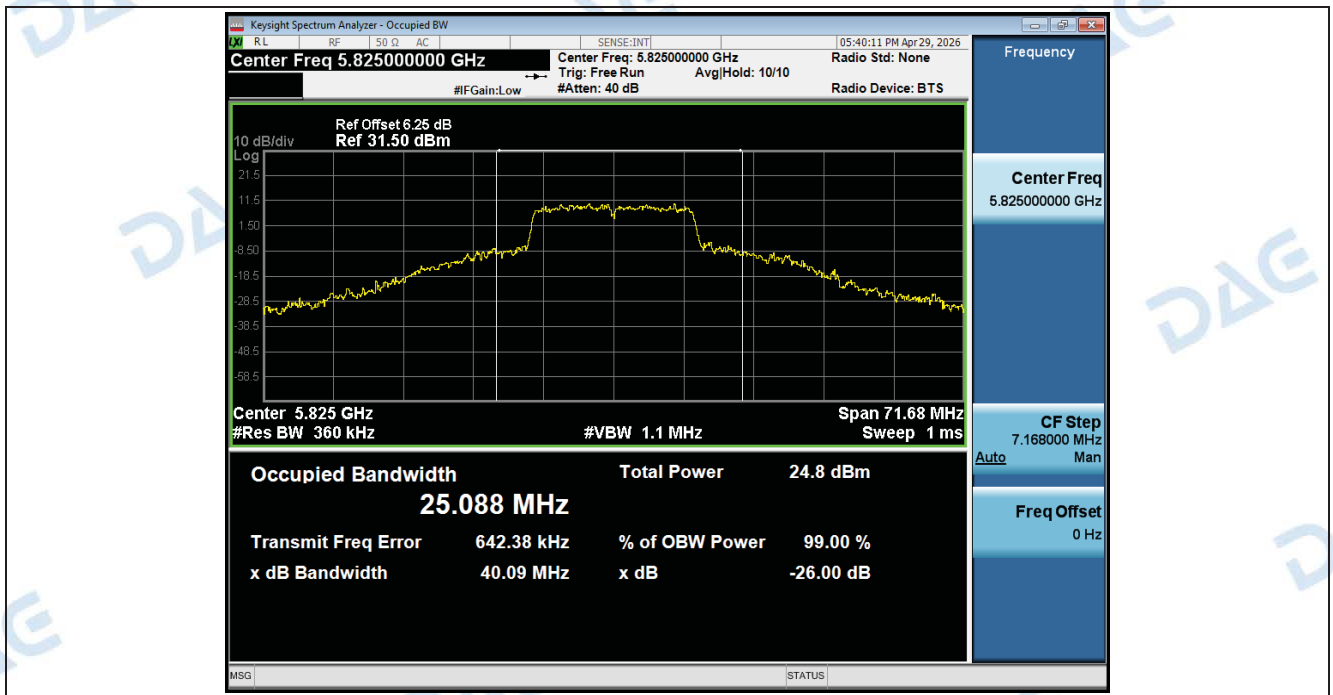
99%_OCB_NVNT_ANT1_802_11a_5745



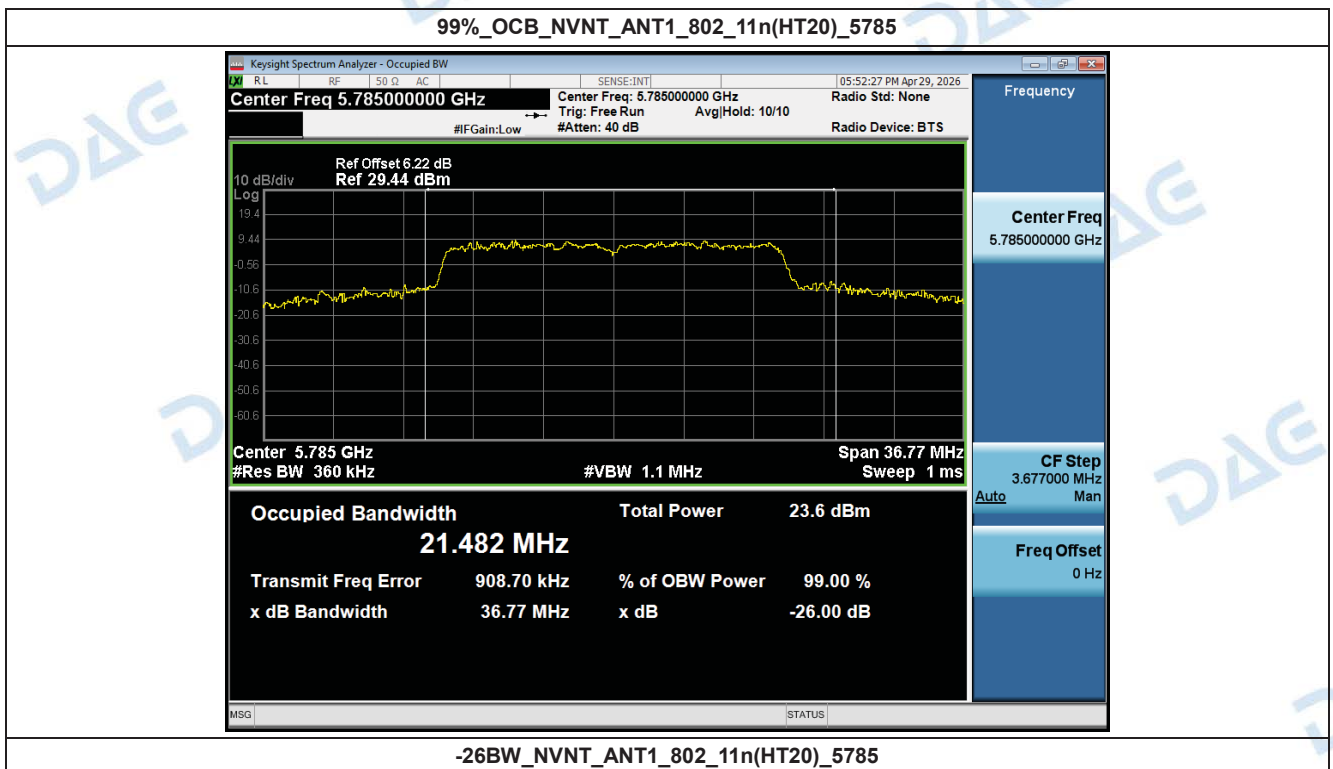
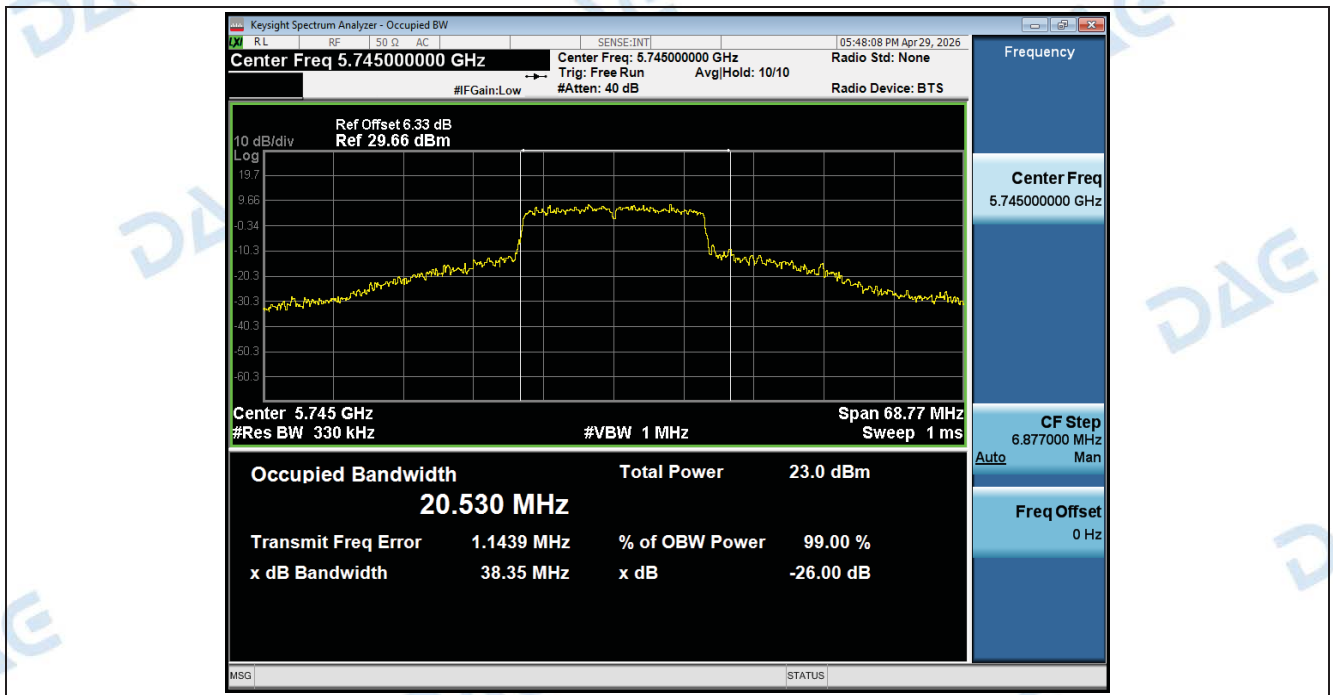
-26BW_NVNT_ANT1_802_11a_5745

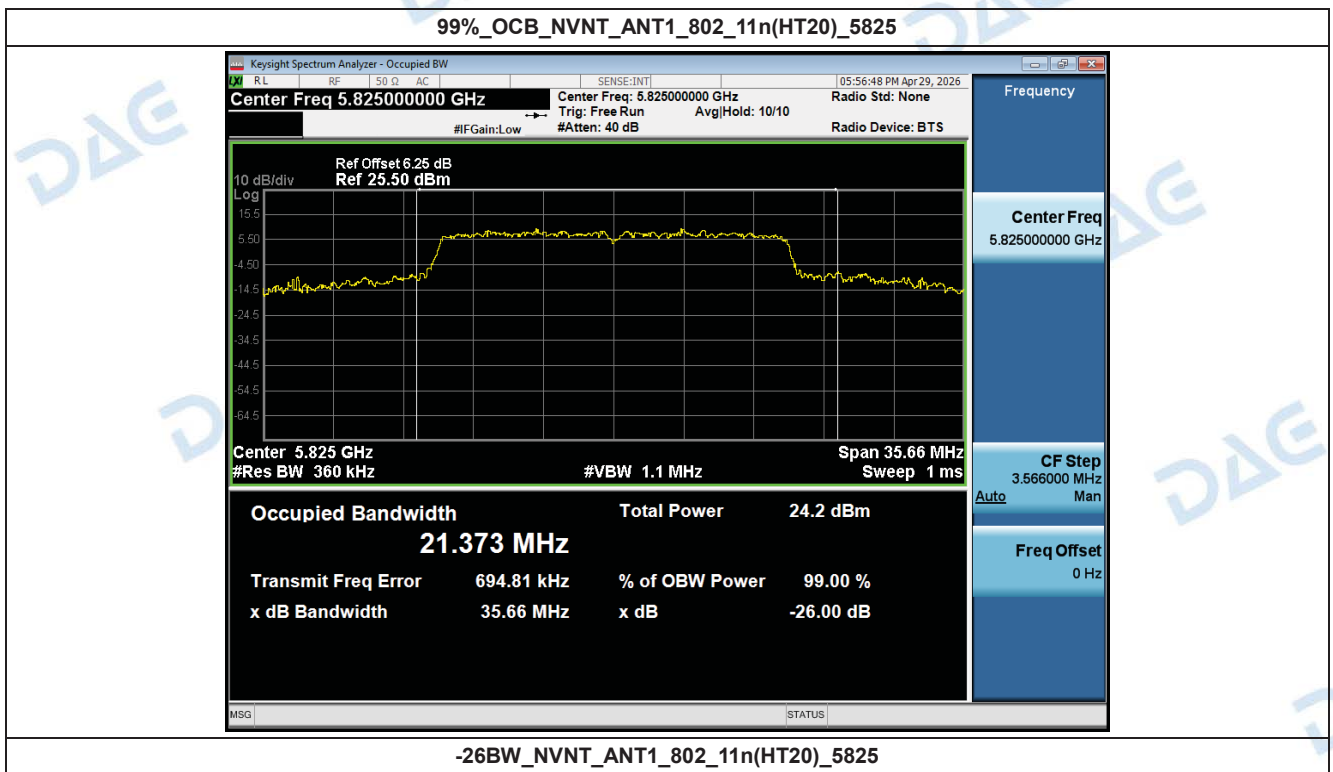
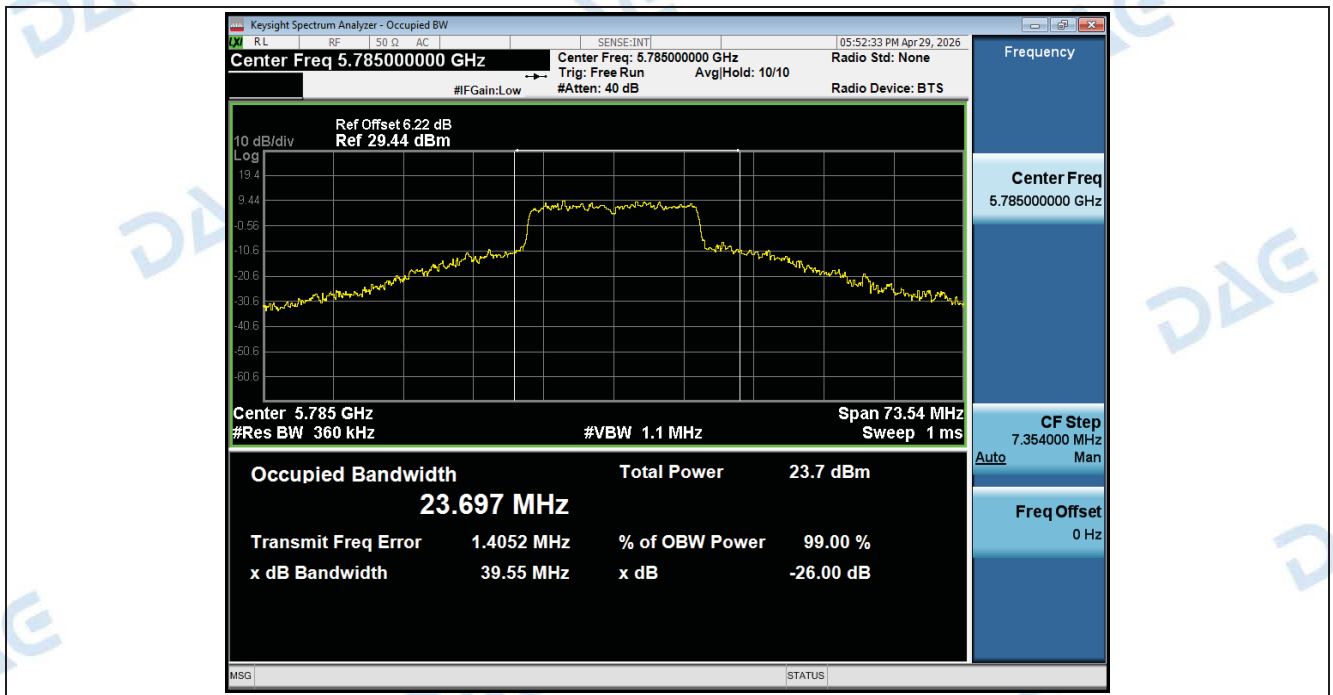


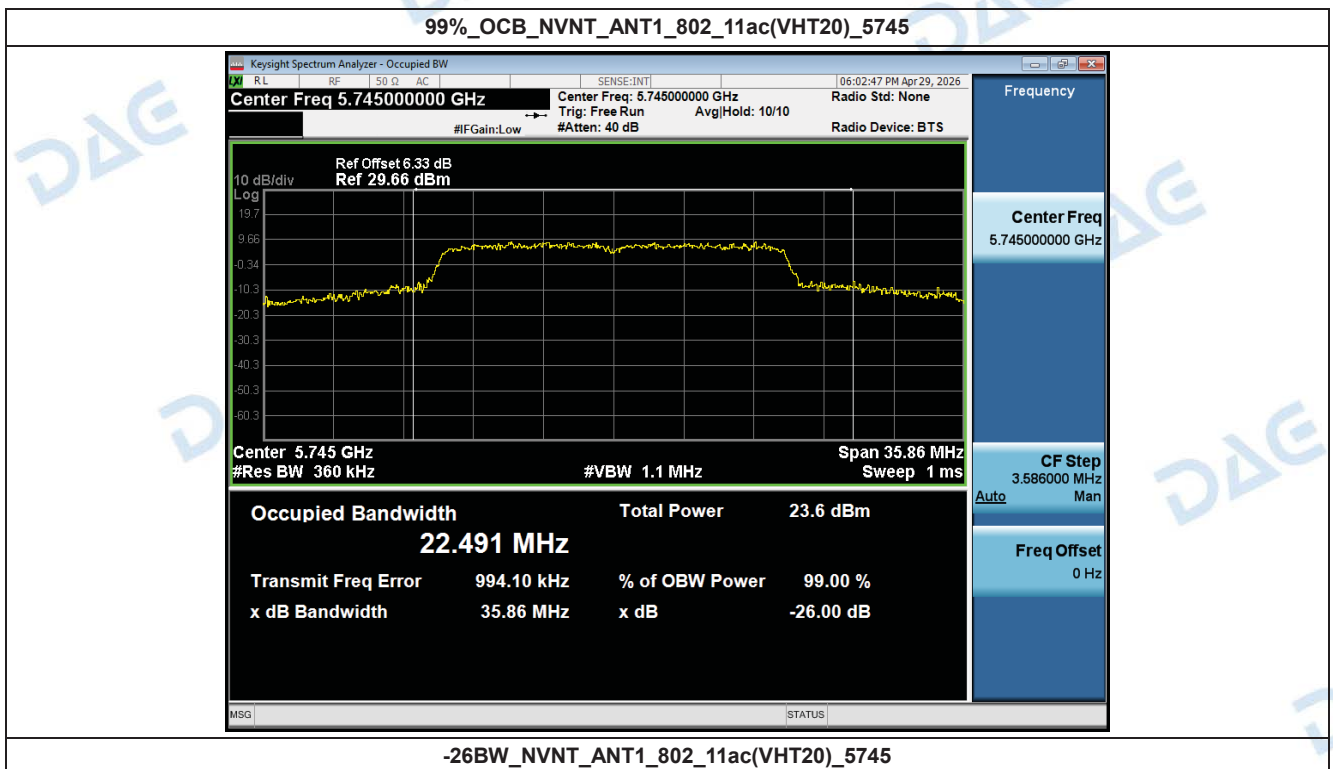
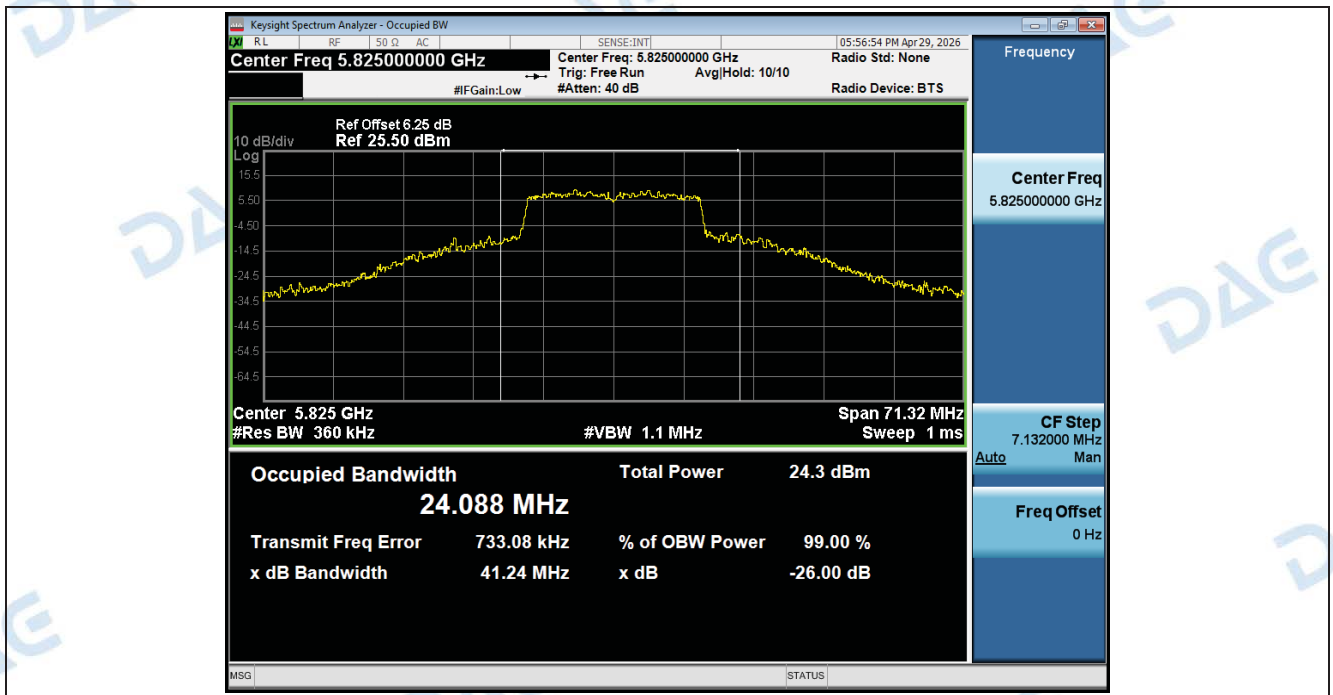




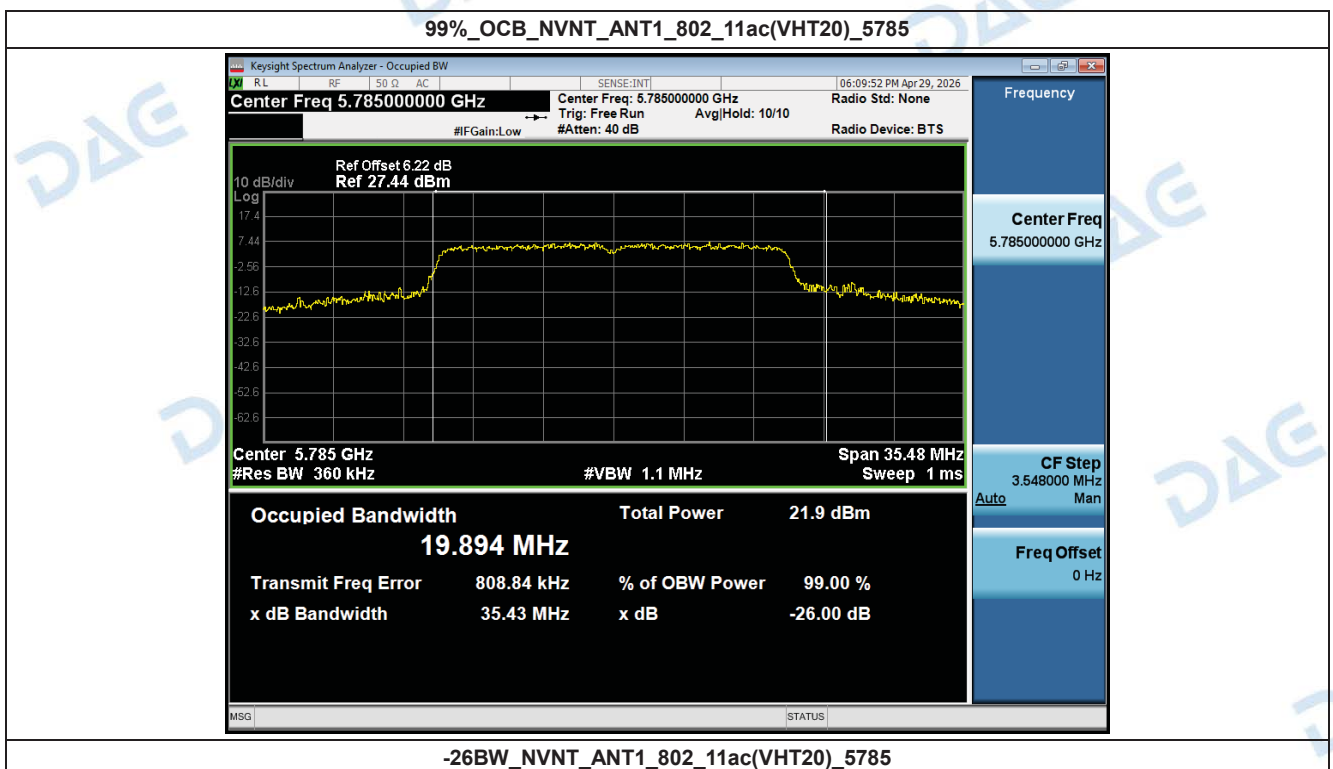
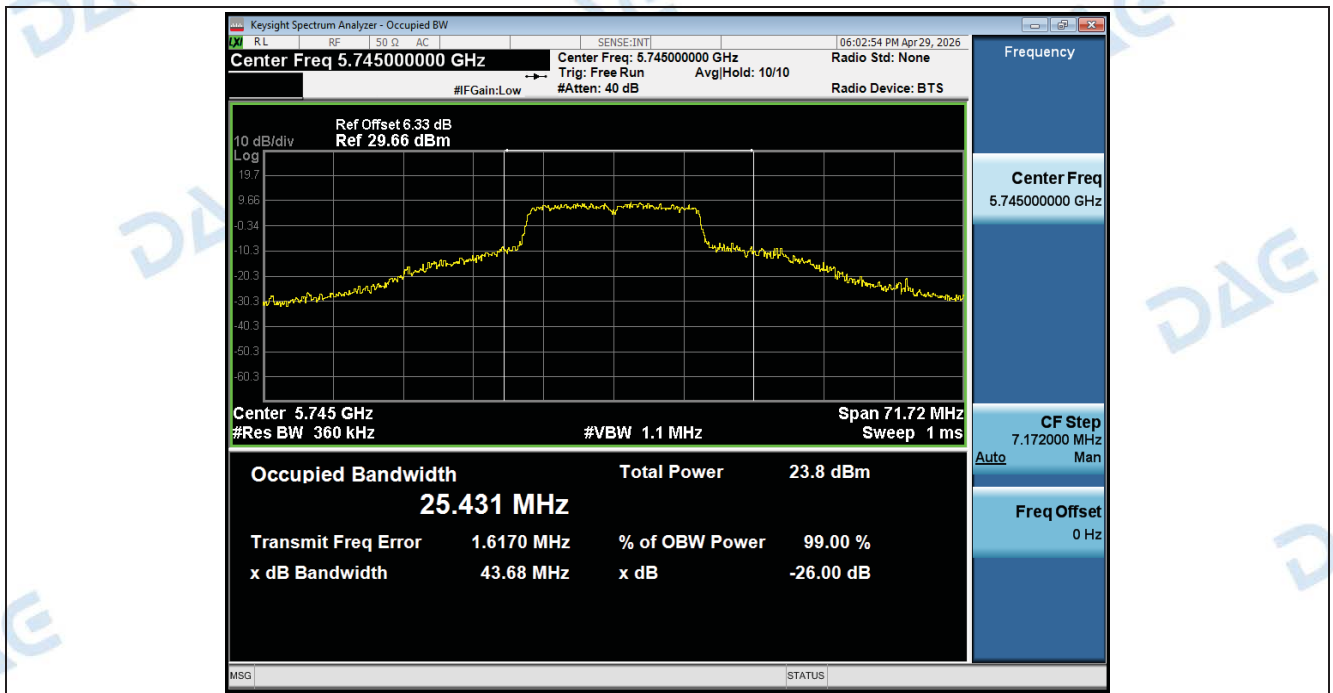
-26BW_NVNT_ANT1_802_11n(HT20)_5745



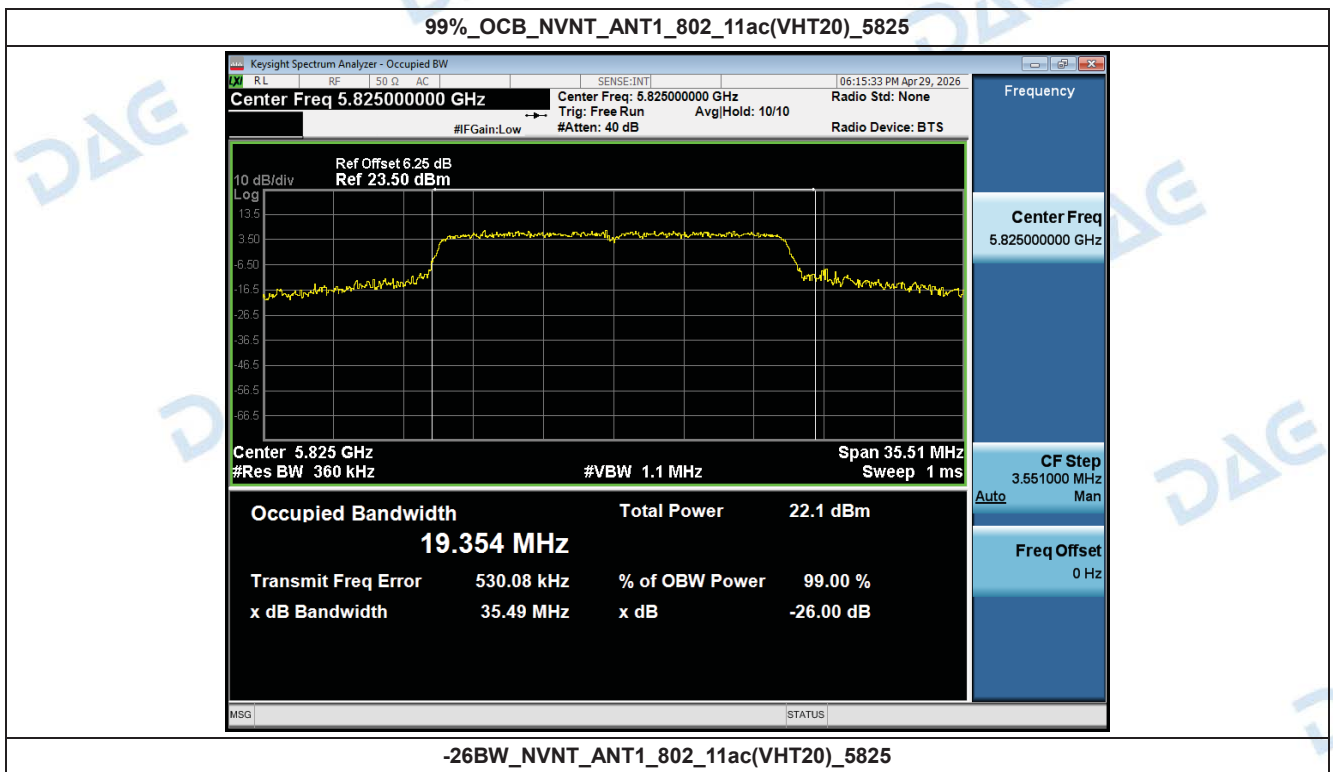
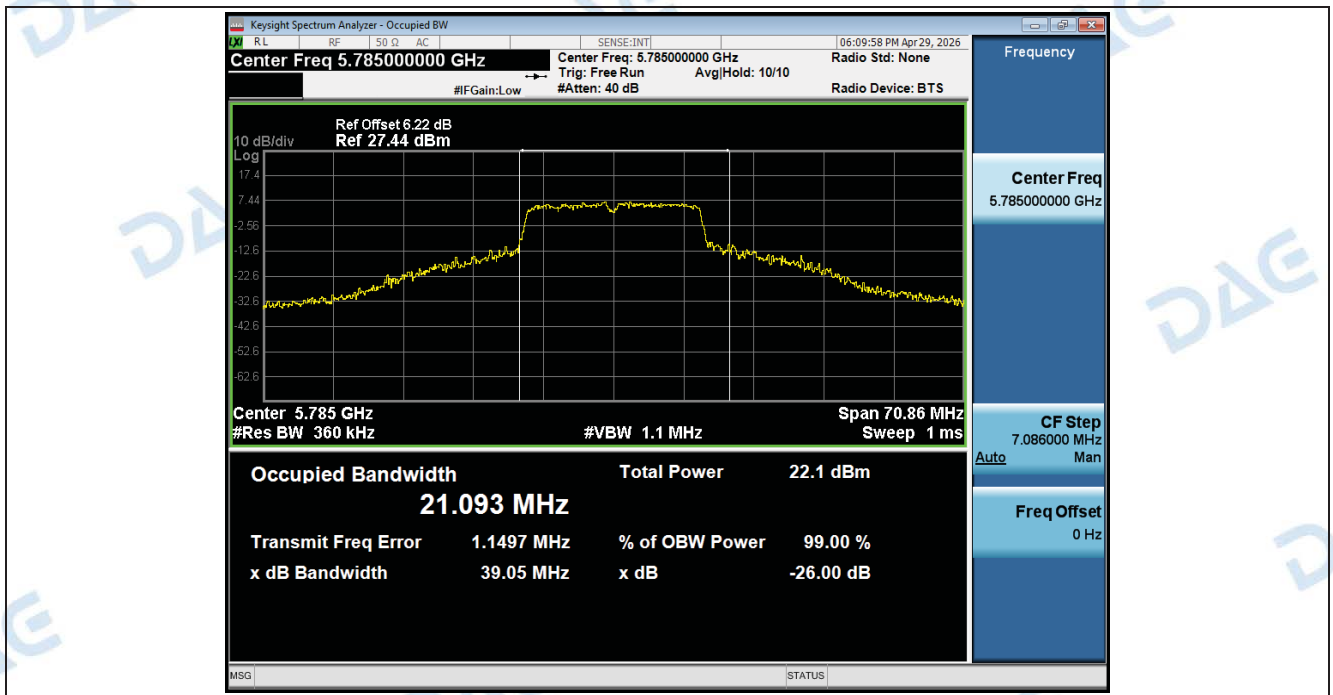


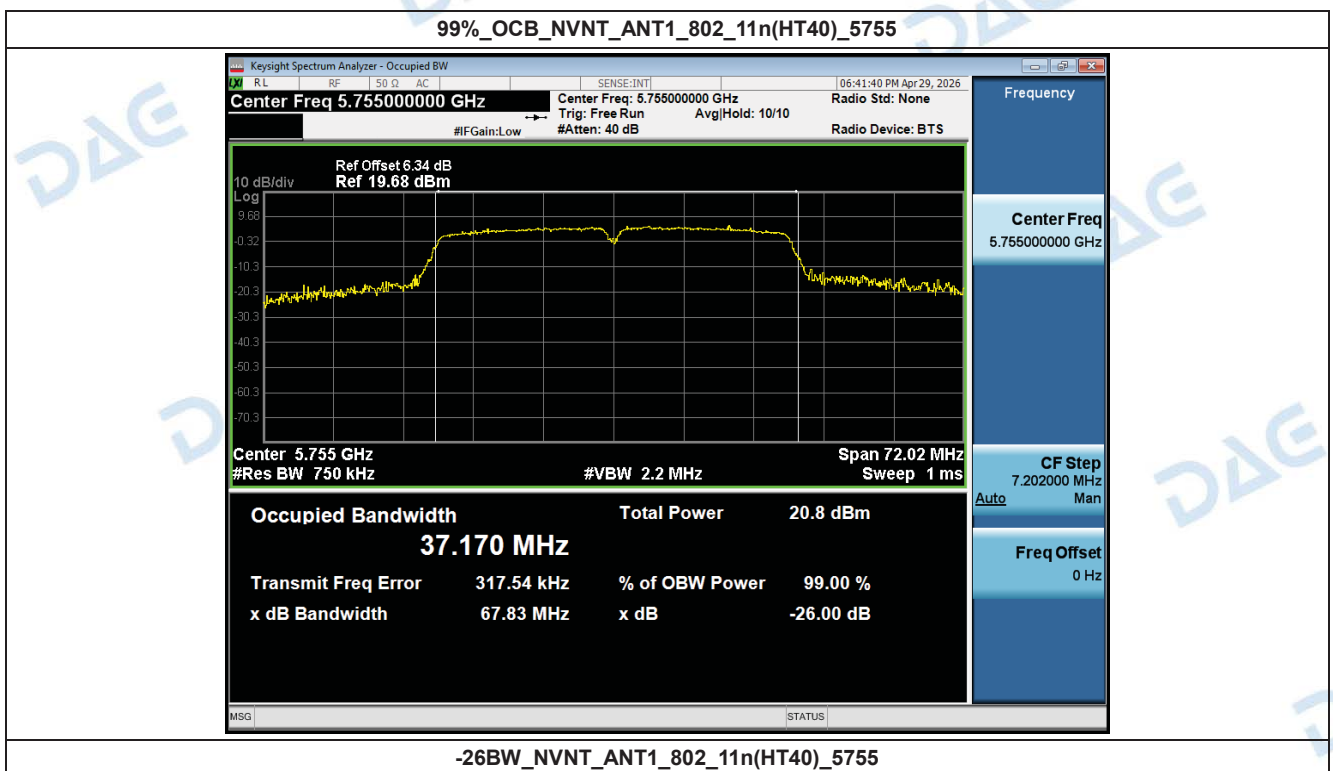
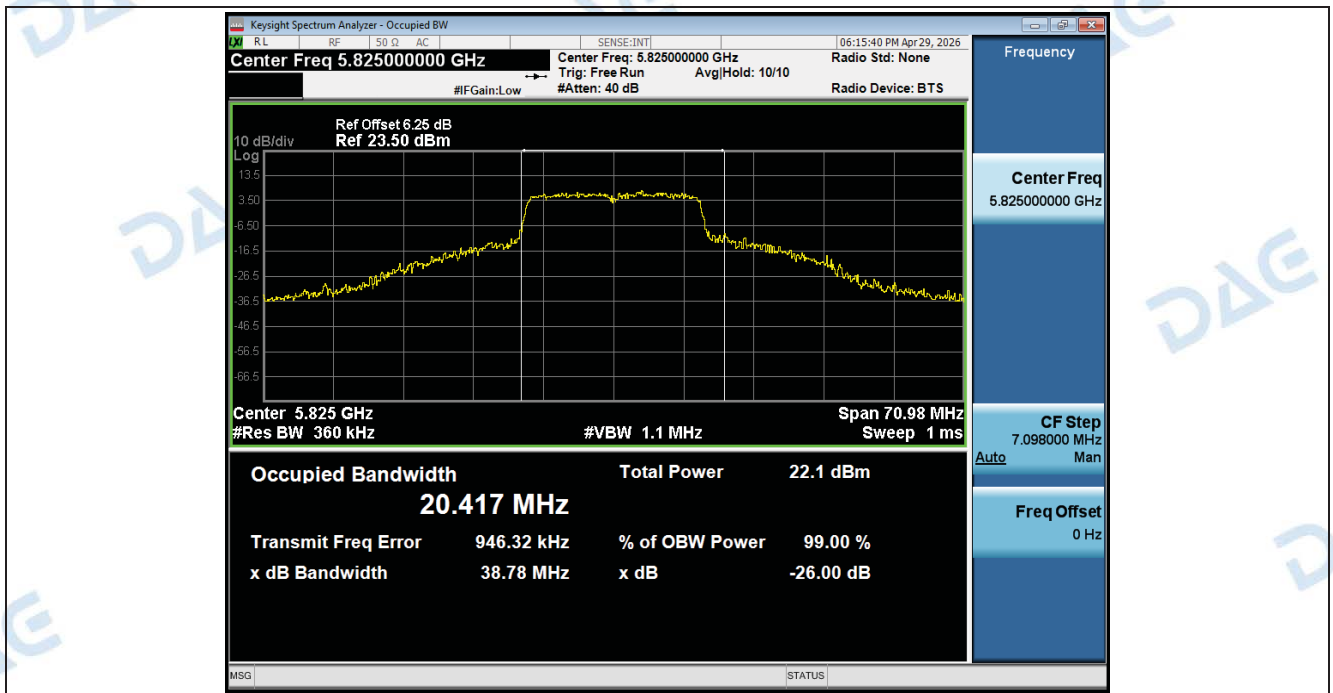


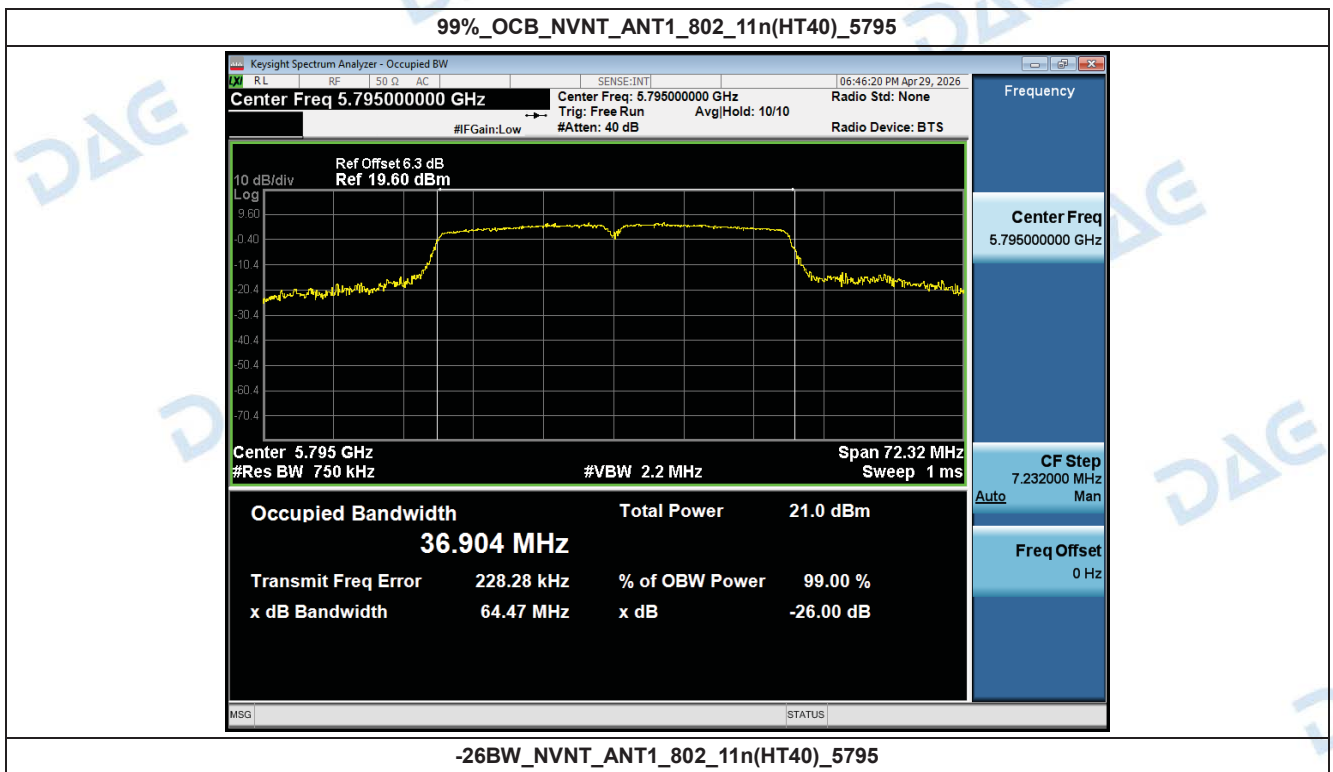
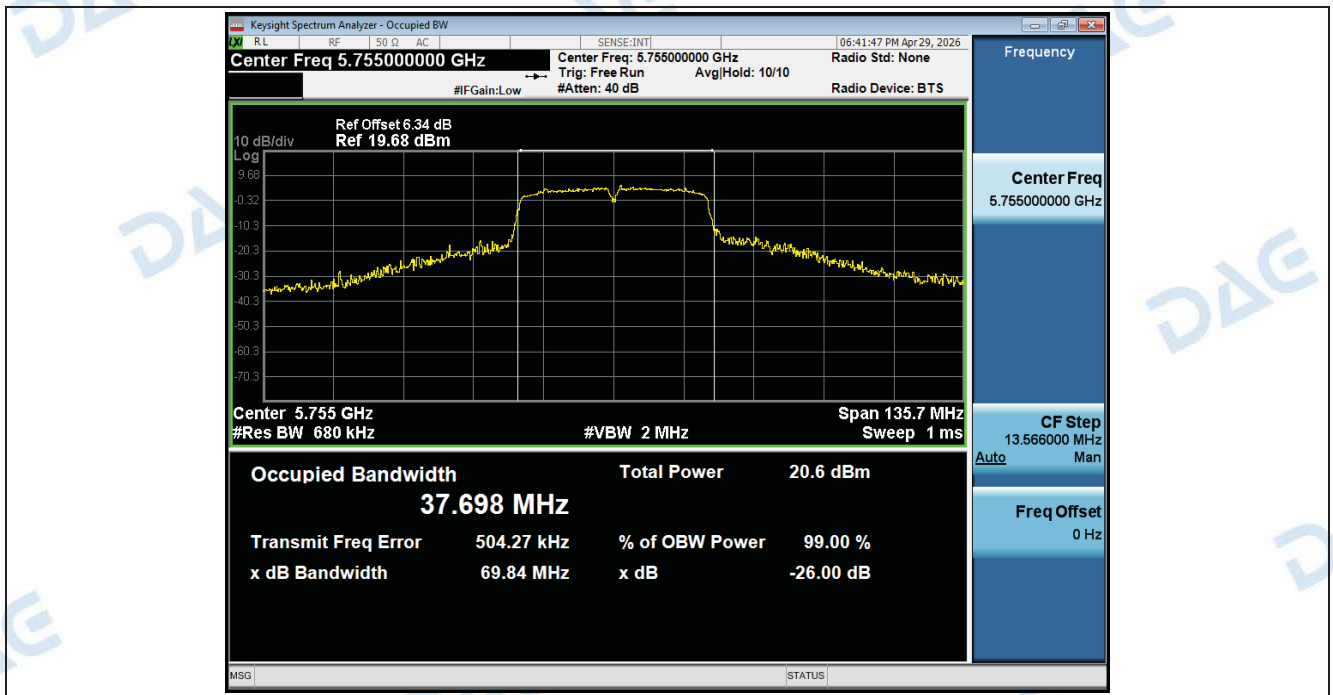
-26BW_NVNT_ANT1_802_11ac(VHT20)_5745

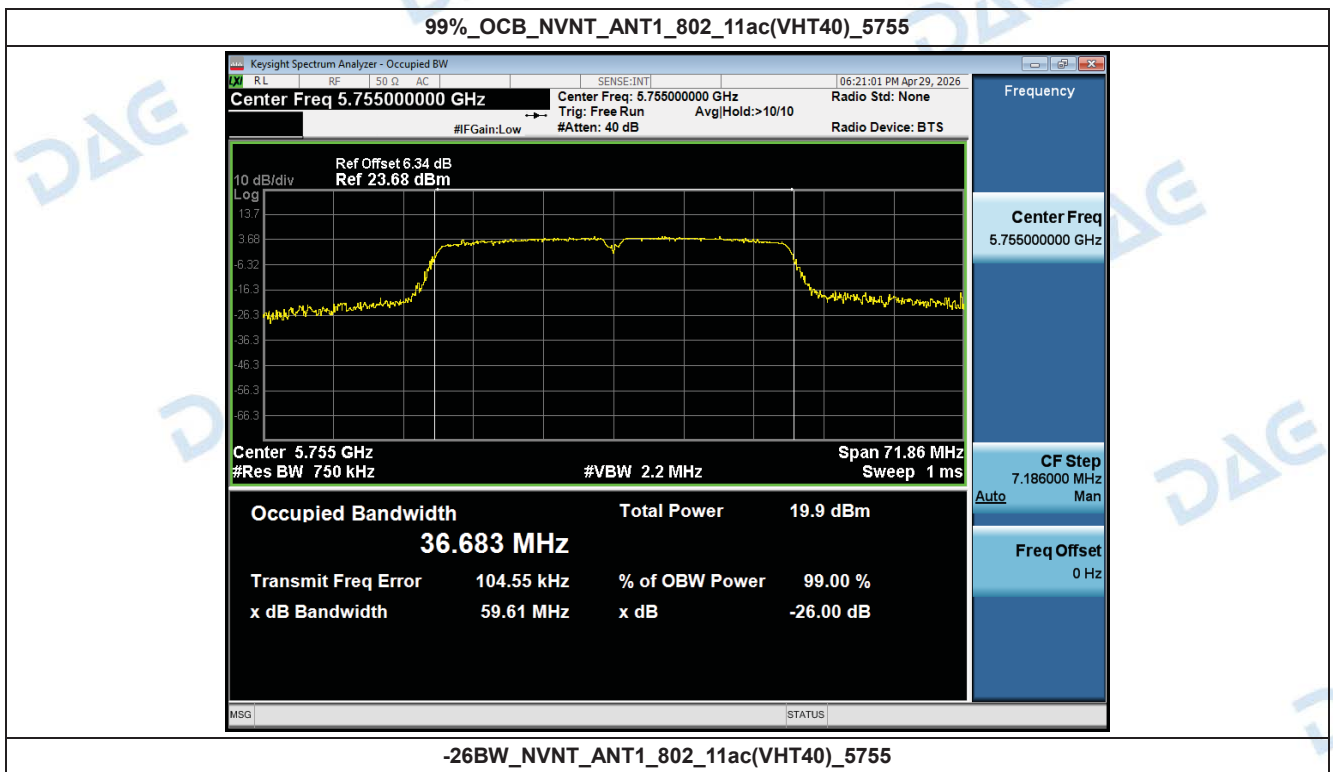
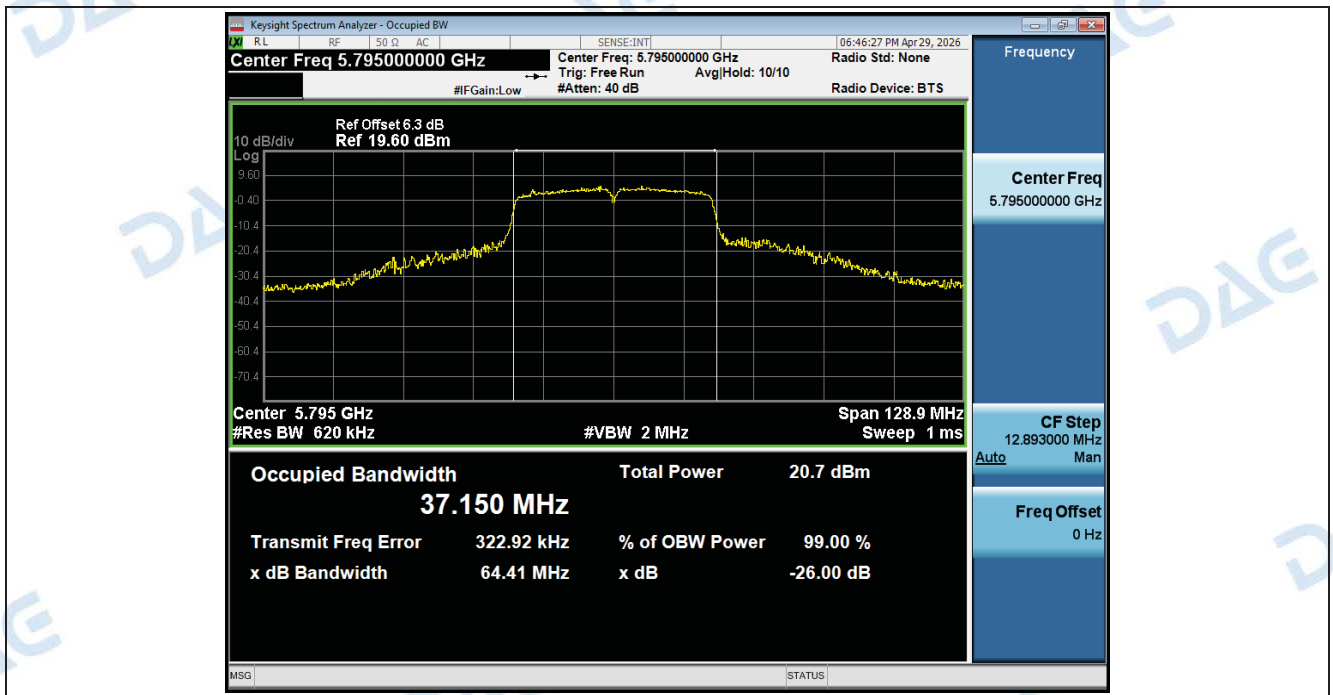


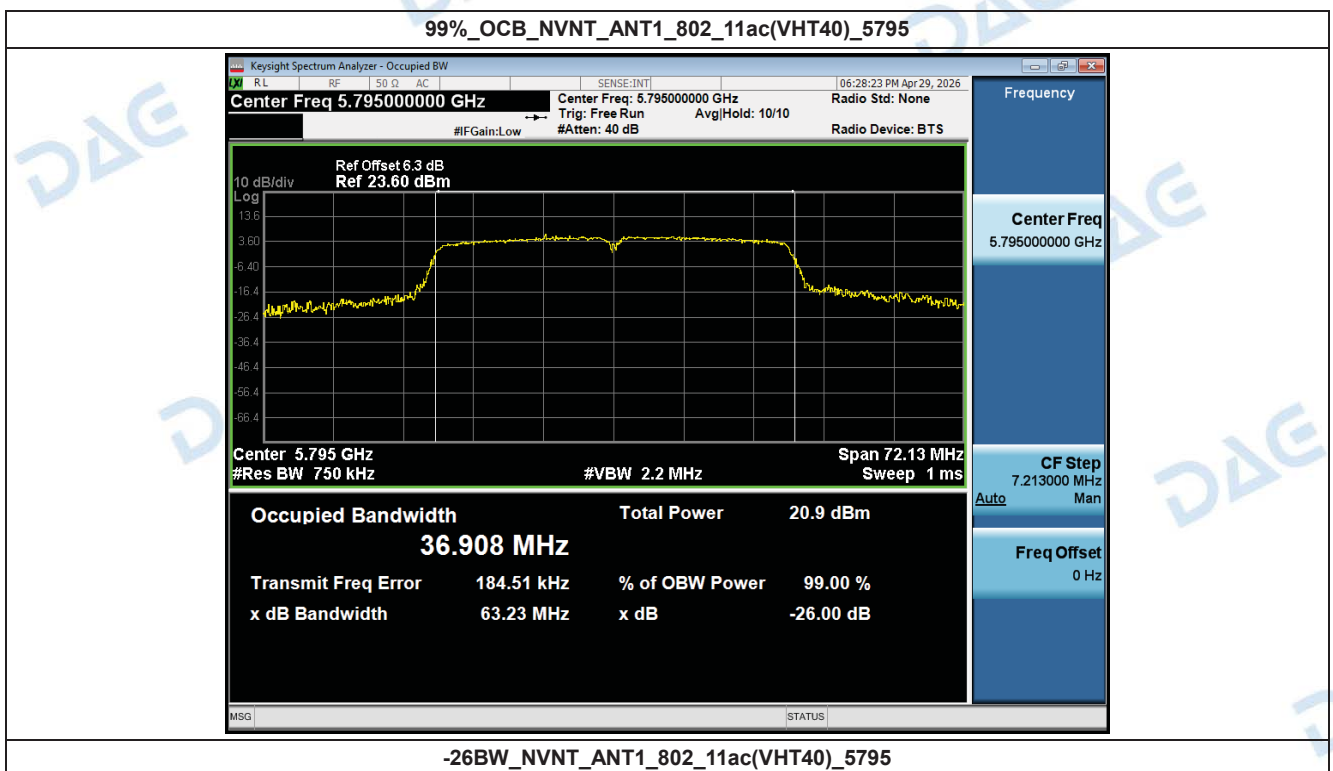
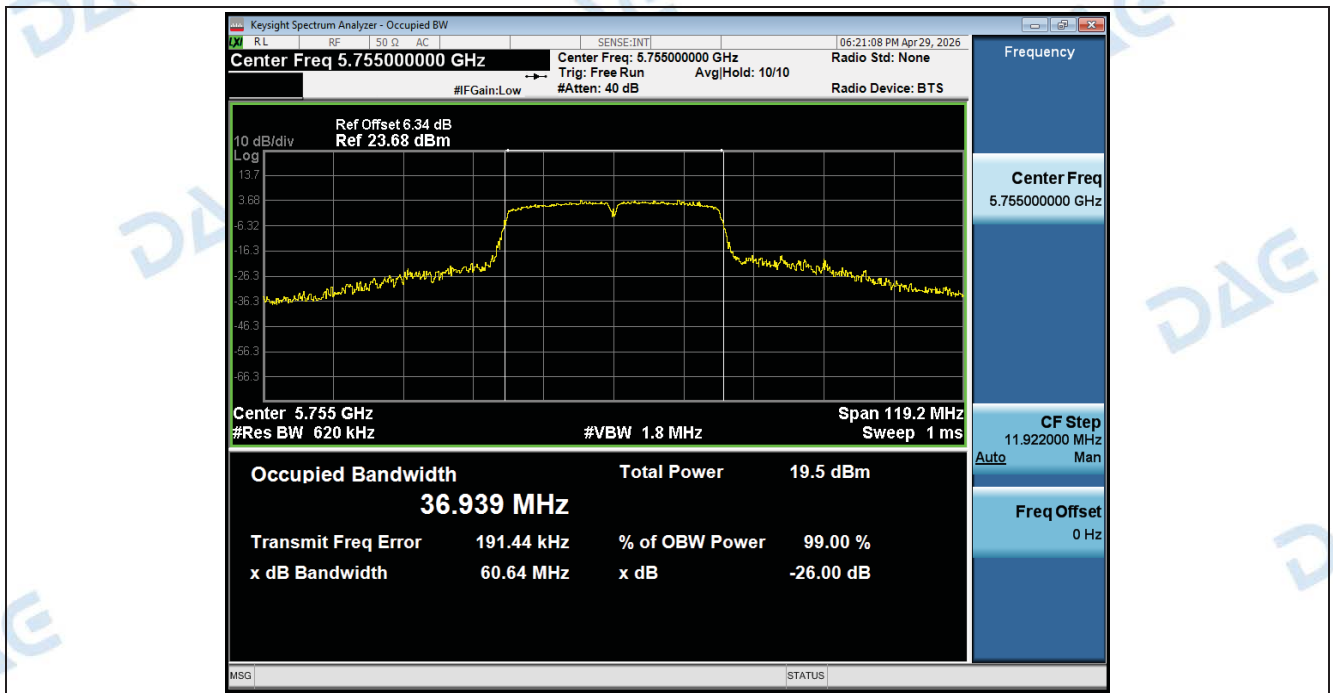
-26BW_NVNT_ANT1_802_11ac(VHT20)_5785



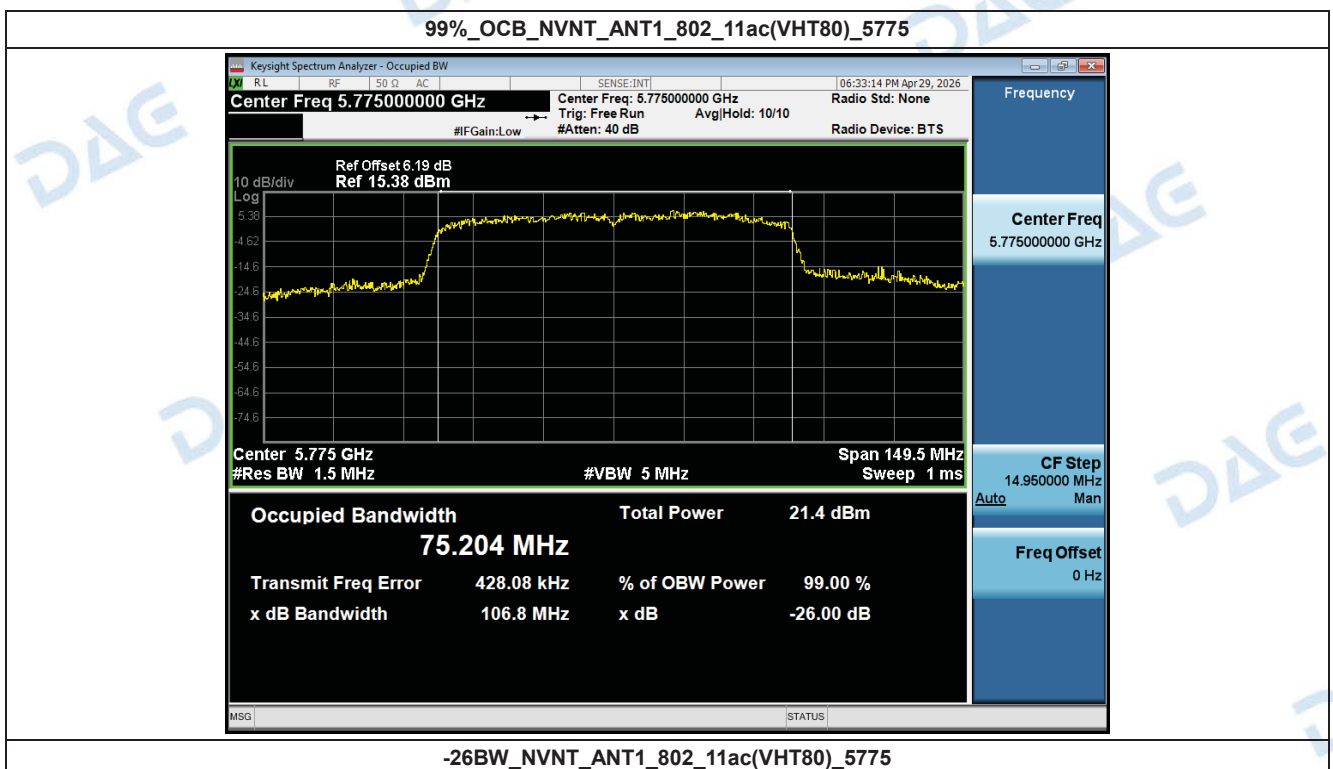
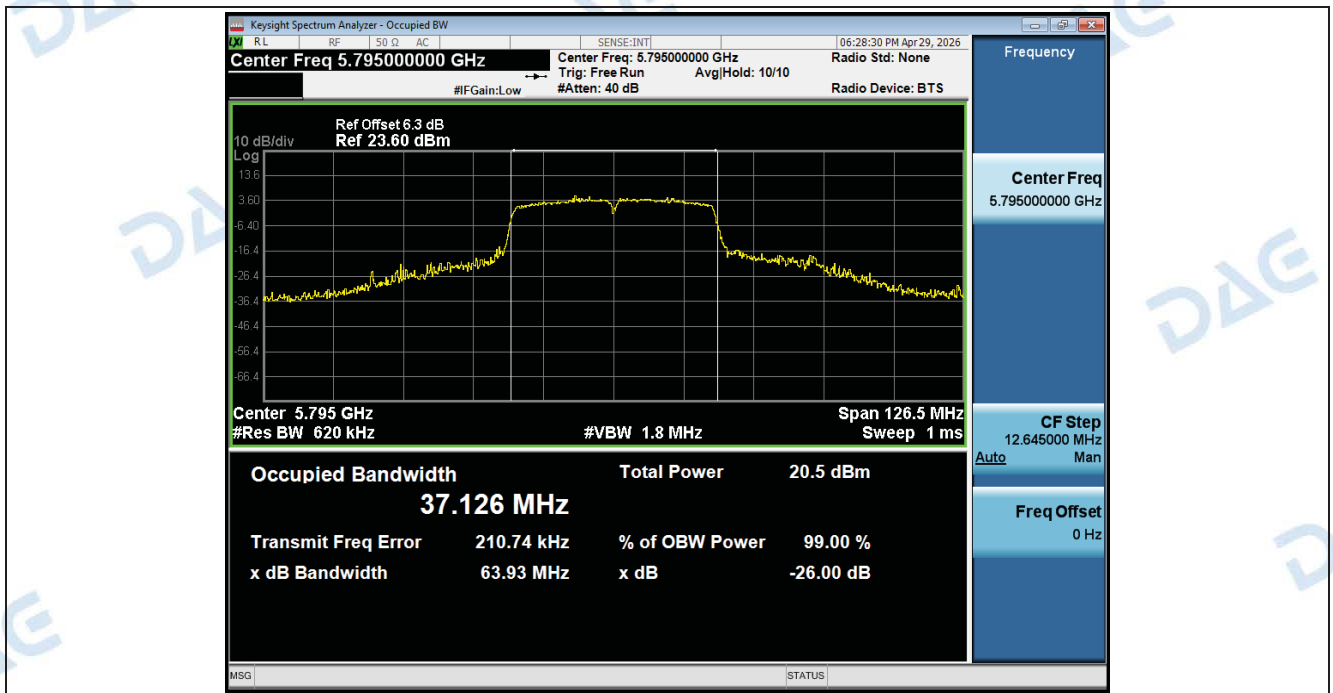




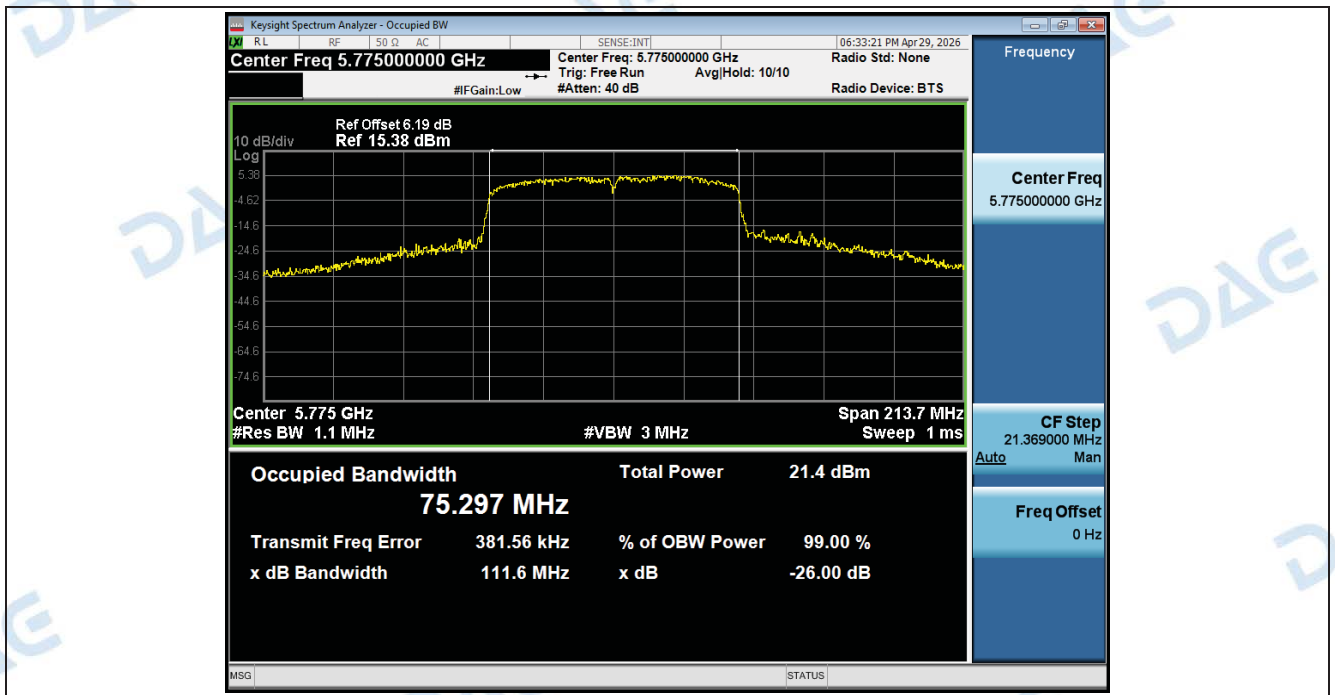




-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



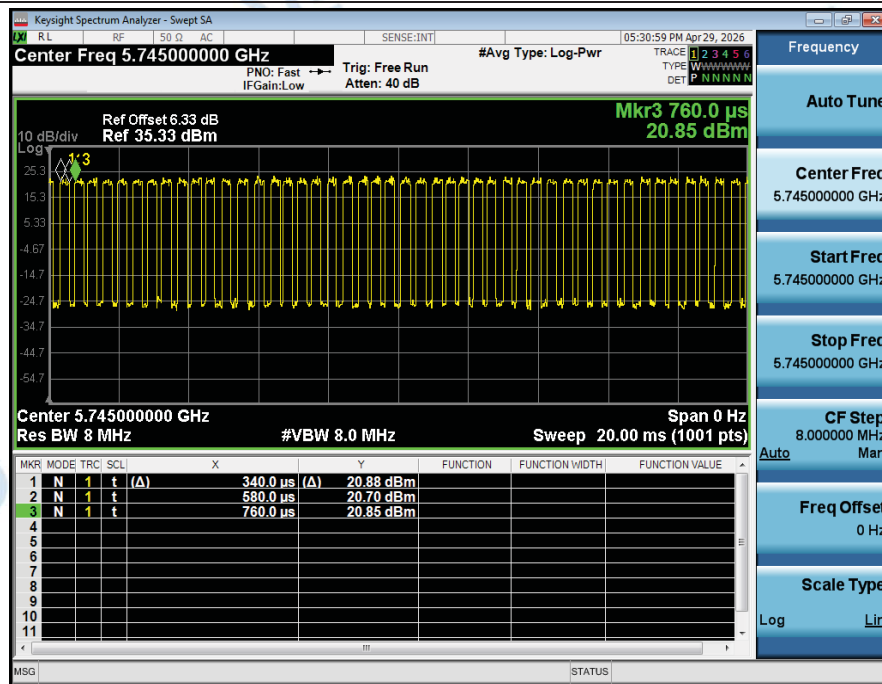
-26BW_NVNT_ANT1_802_11ac(VHT80)_5775



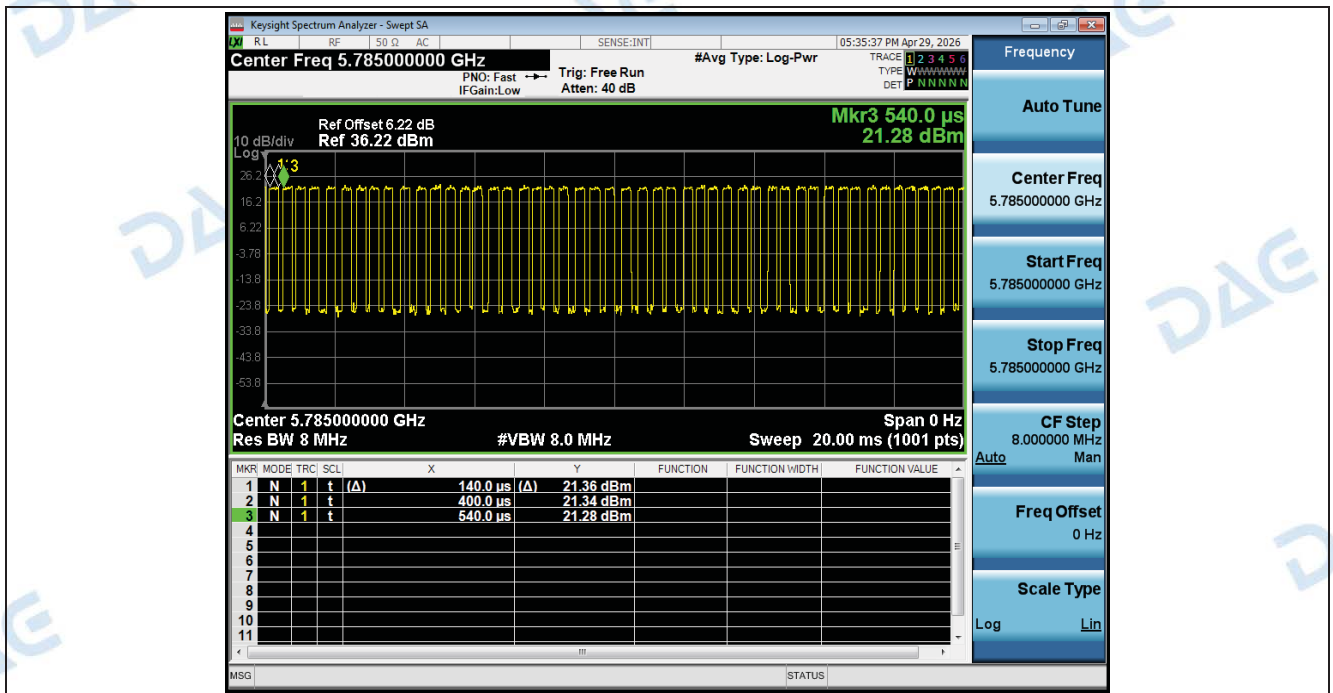
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	57.14	2.43
NVNT	ANT1	802.11a	5785.00	65.00	1.87
NVNT	ANT1	802.11a	5825.00	63.16	2.00
NVNT	ANT1	802.11n(HT20)	5745.00	68.75	1.63
NVNT	ANT1	802.11n(HT20)	5785.00	70.59	1.51
NVNT	ANT1	802.11n(HT20)	5825.00	50.00	3.01
NVNT	ANT1	802.11ac(VHT20)	5745.00	94.17	0.26
NVNT	ANT1	802.11ac(VHT20)	5785.00	92.31	0.35
NVNT	ANT1	802.11ac(VHT20)	5825.00	92.38	0.34
NVNT	ANT1	802.11n(HT40)	5755.00	90.57	0.43
NVNT	ANT1	802.11n(HT40)	5795.00	88.68	0.52
NVNT	ANT1	802.11ac(VHT40)	5755.00	82.46	0.84
NVNT	ANT1	802.11ac(VHT40)	5795.00	87.27	0.59
NVNT	ANT1	802.11ac(VHT80)	5775.00	76.67	1.15

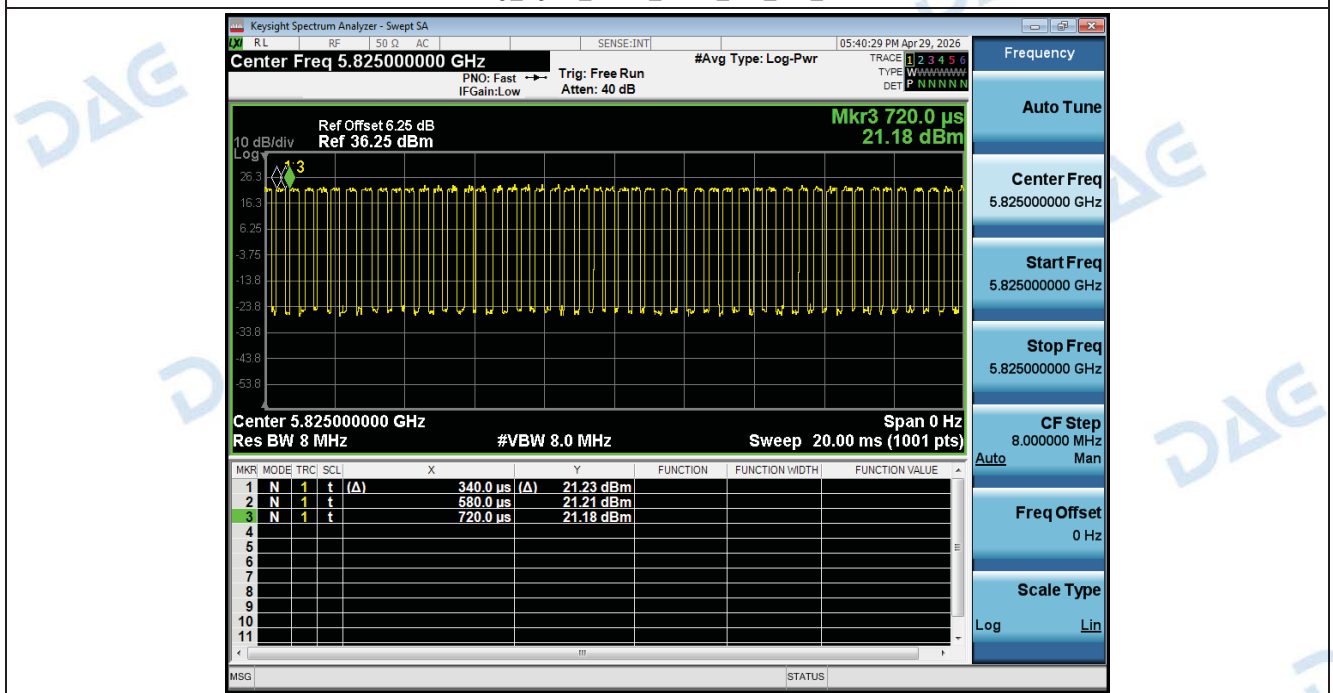
Duty_Cycle_NVNT_ANT1_802_11a_5745



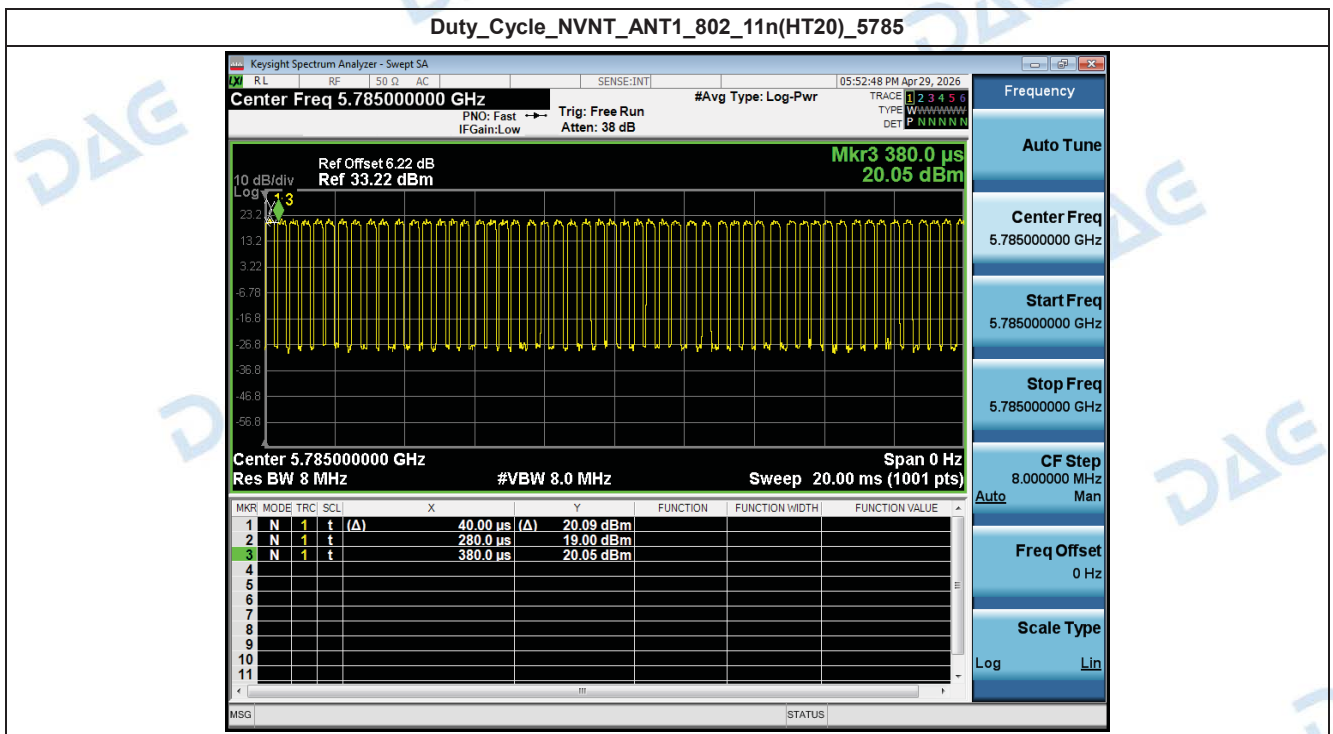
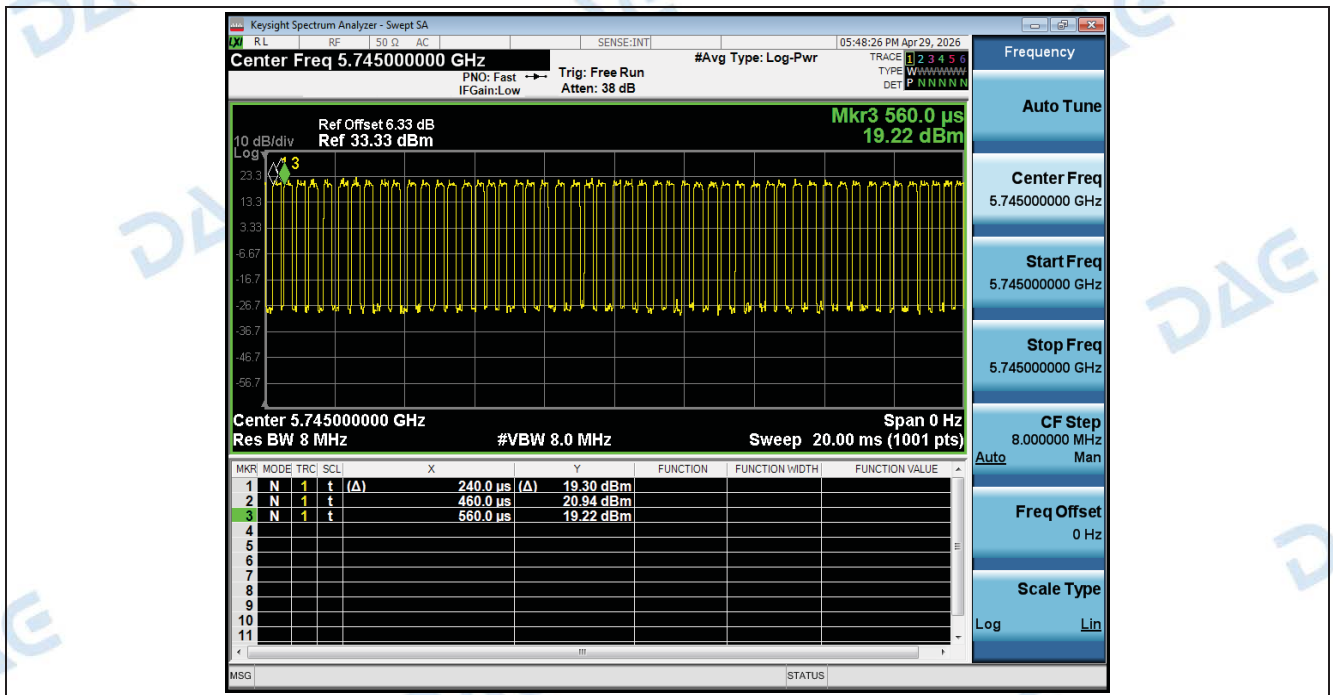
Duty_Cycle_NVNT_ANT1_802_11a_5785



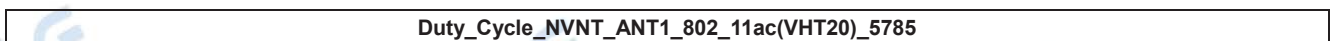
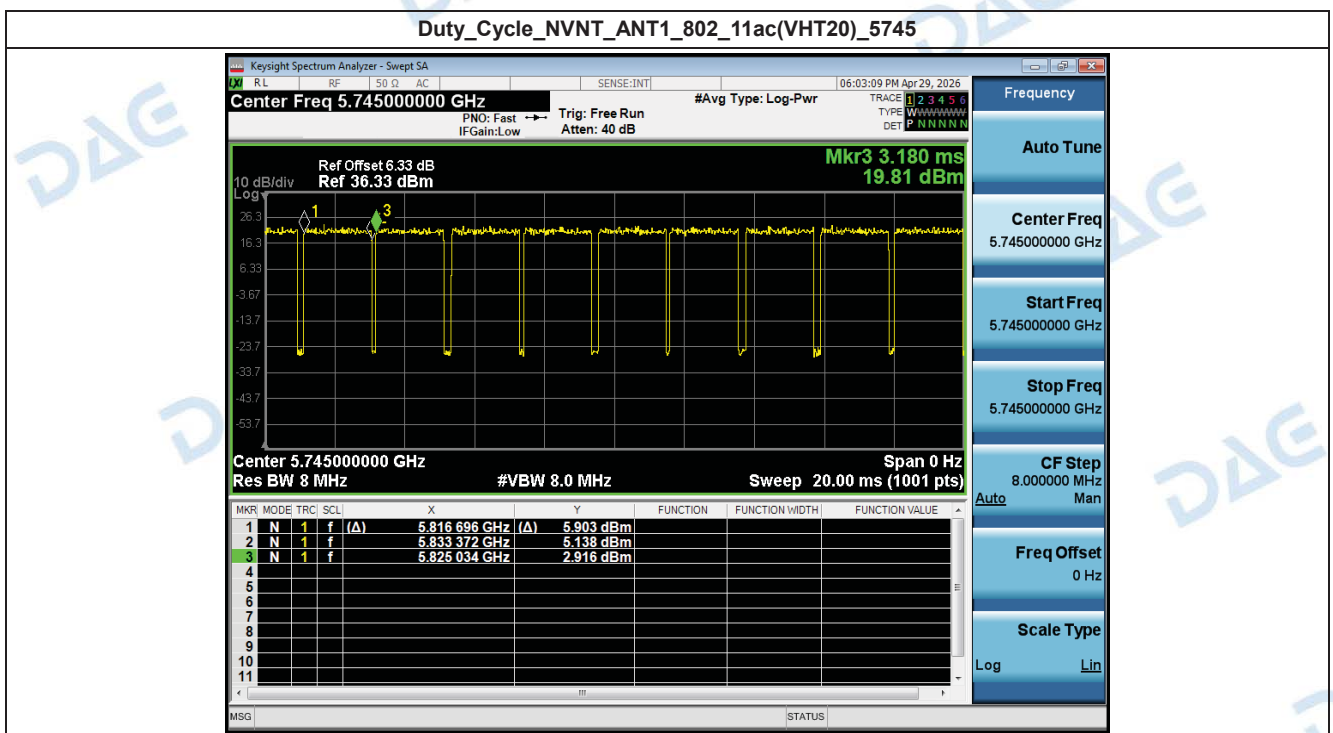
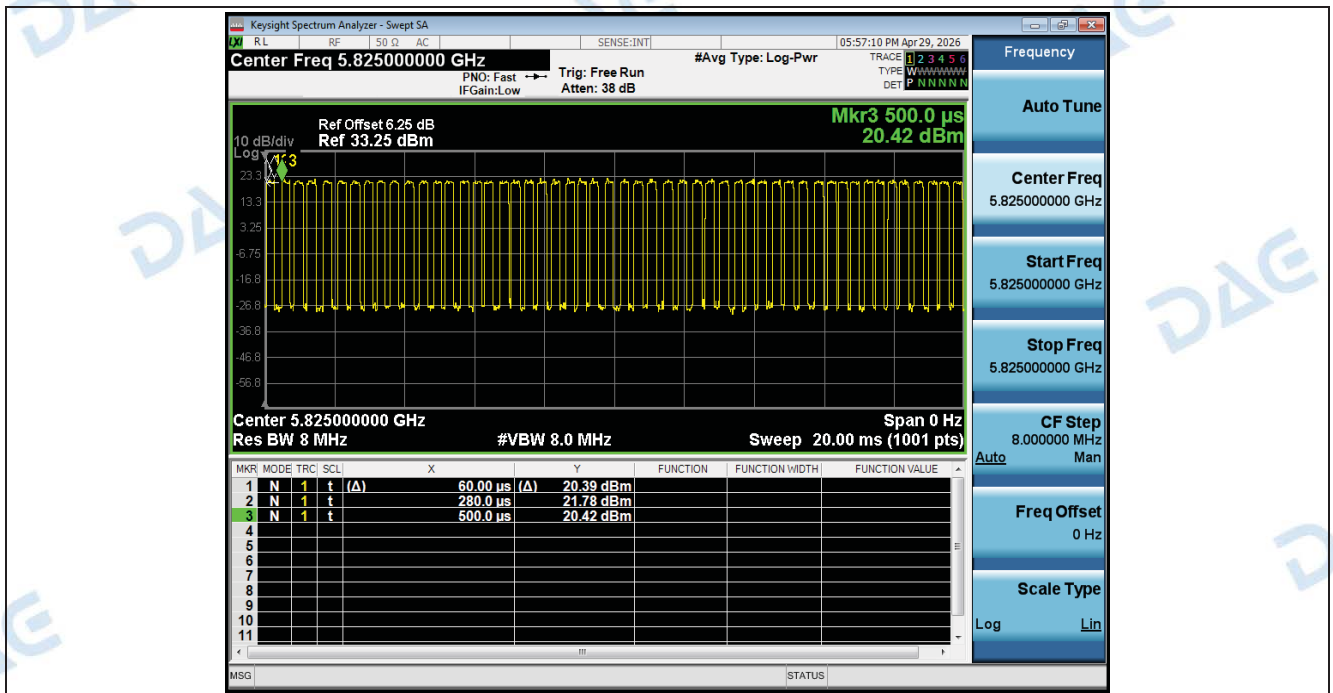
Duty_Cycle_NVNT_ANT1_802_11a_5825

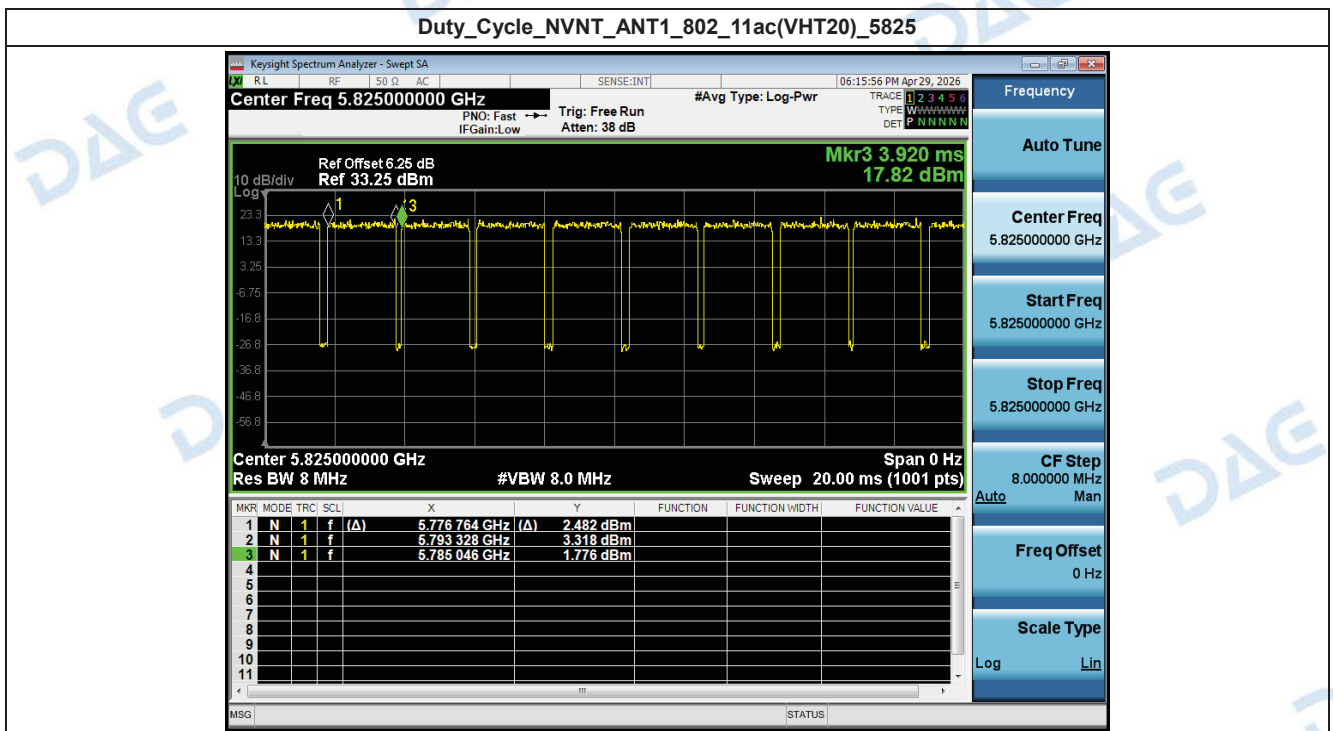
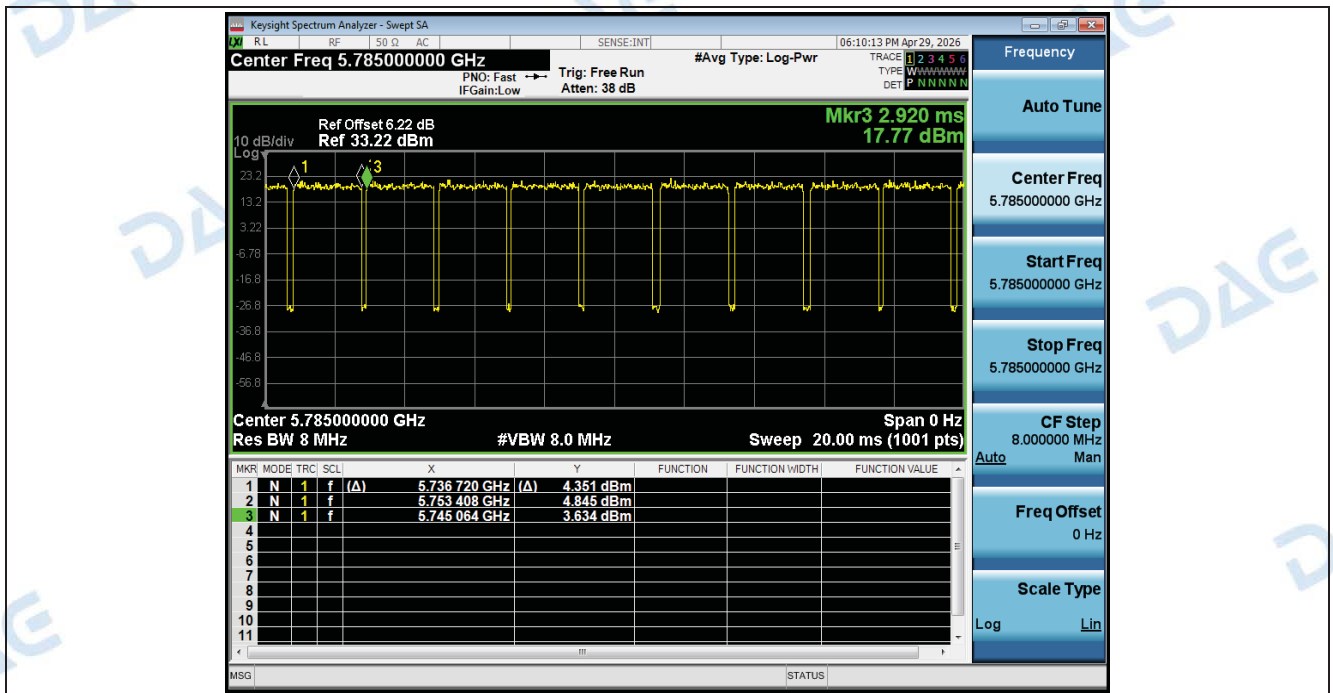


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5745

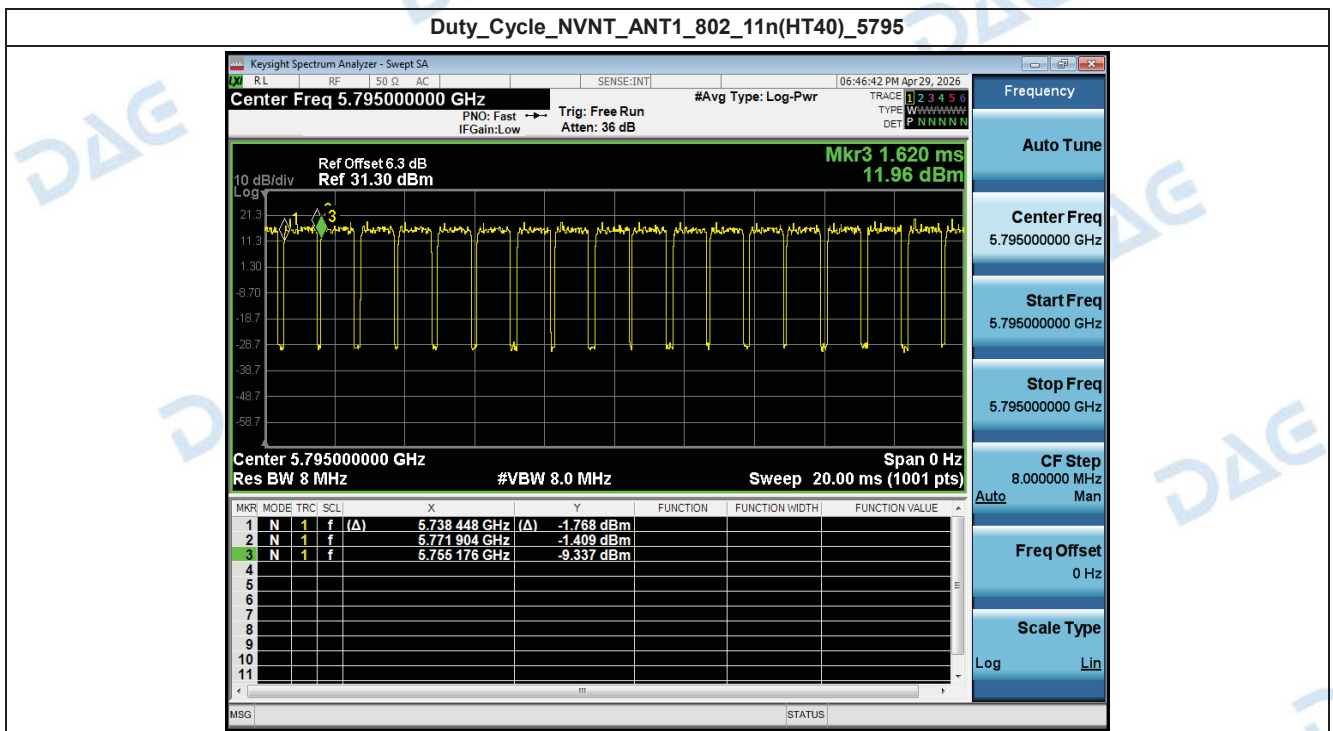
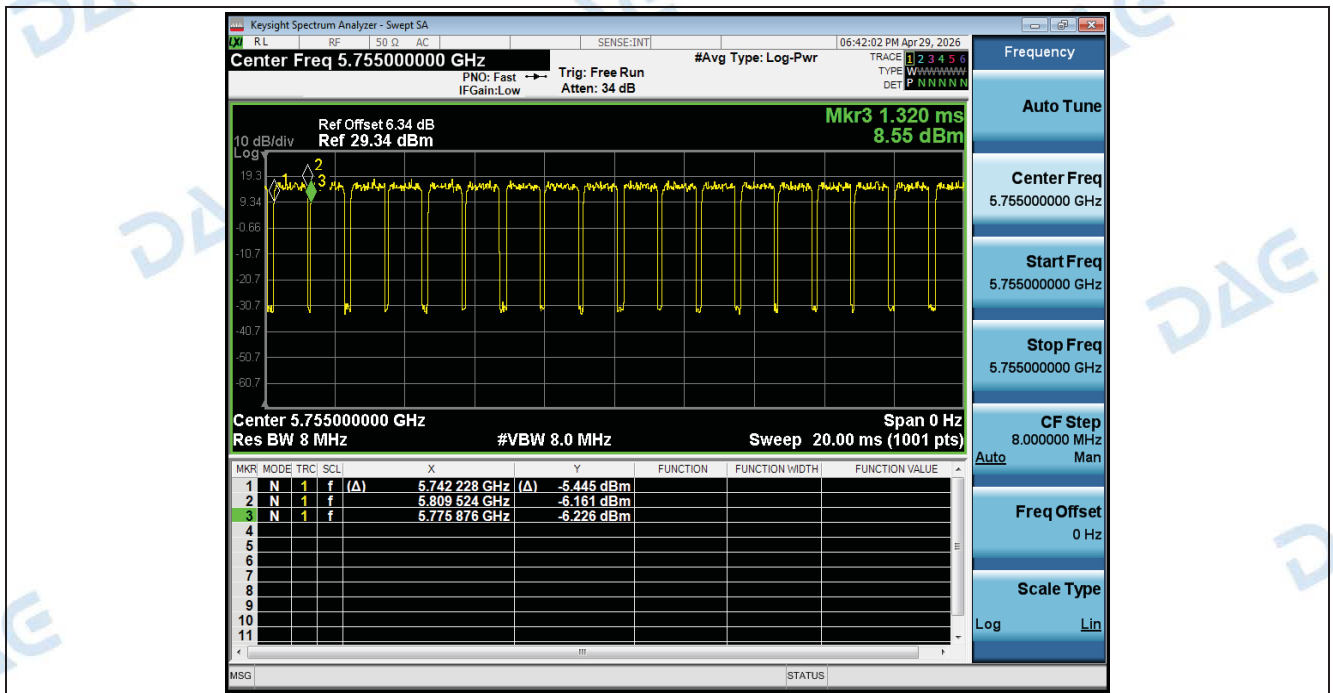


Duty Cycle NVNT_ANT1_802_11n(HT20)_5825

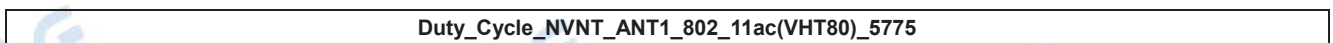
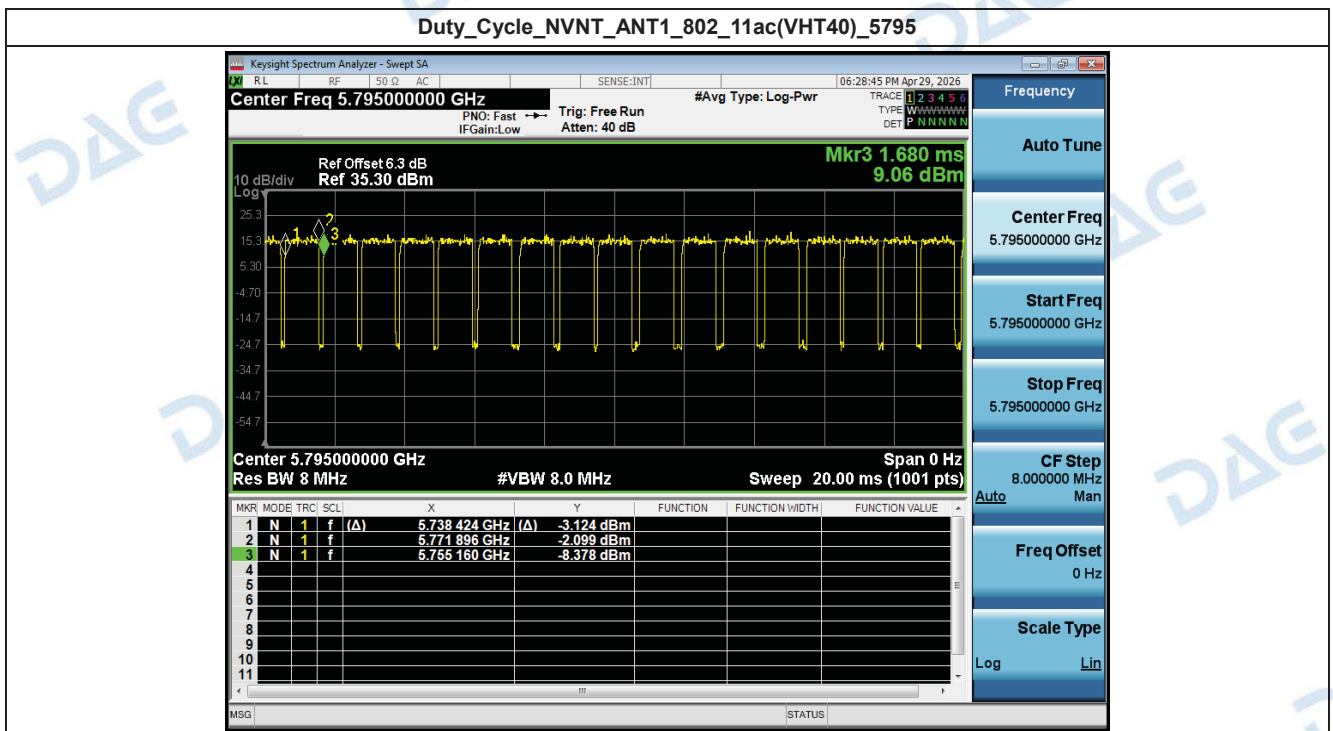
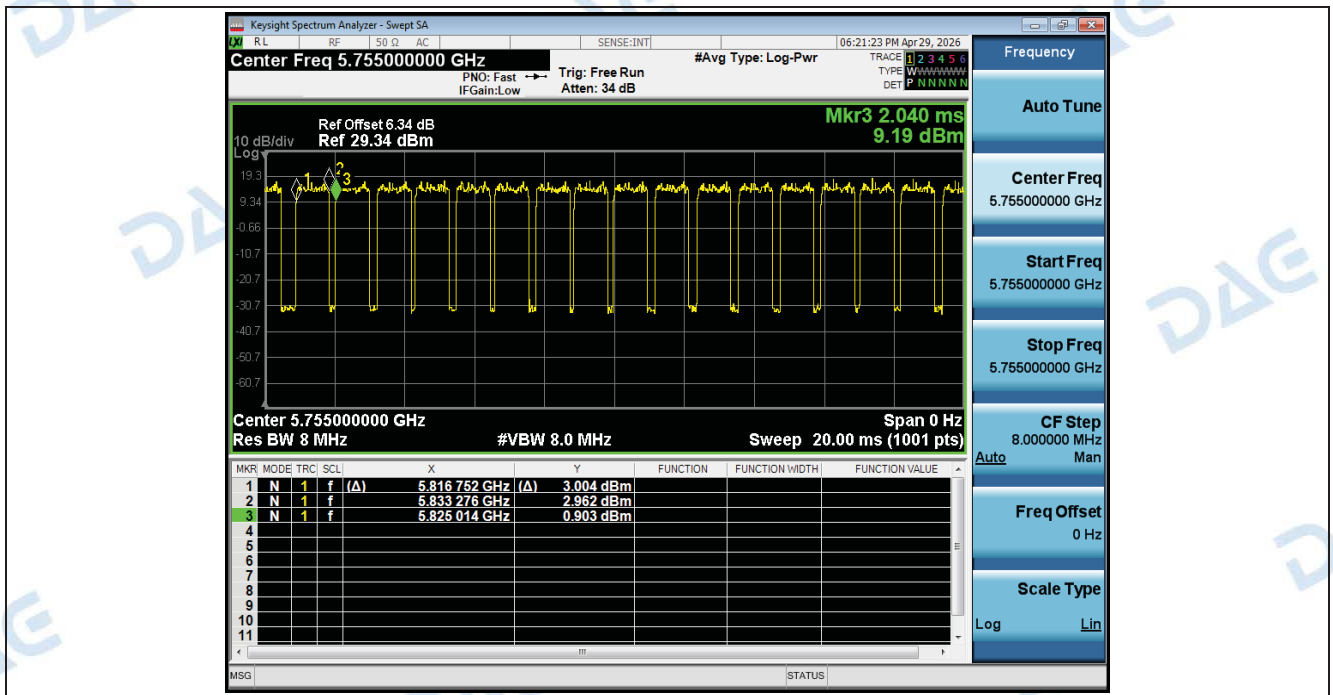


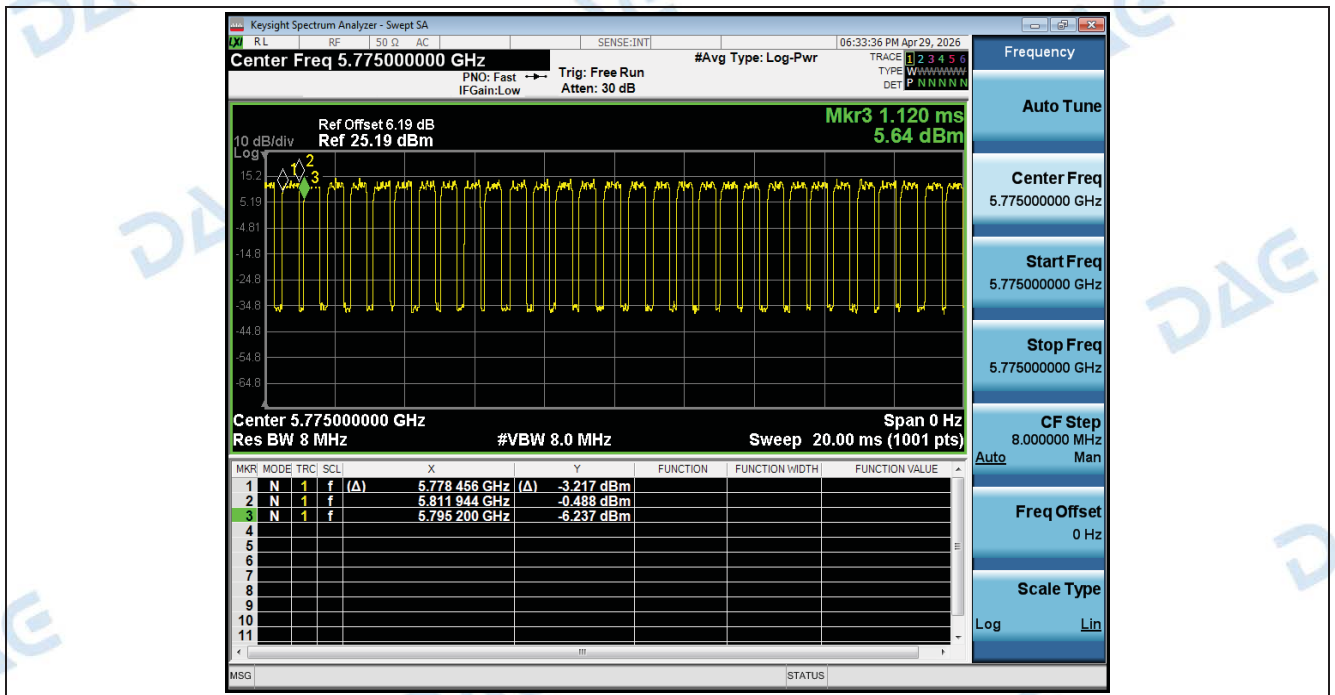


Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5755

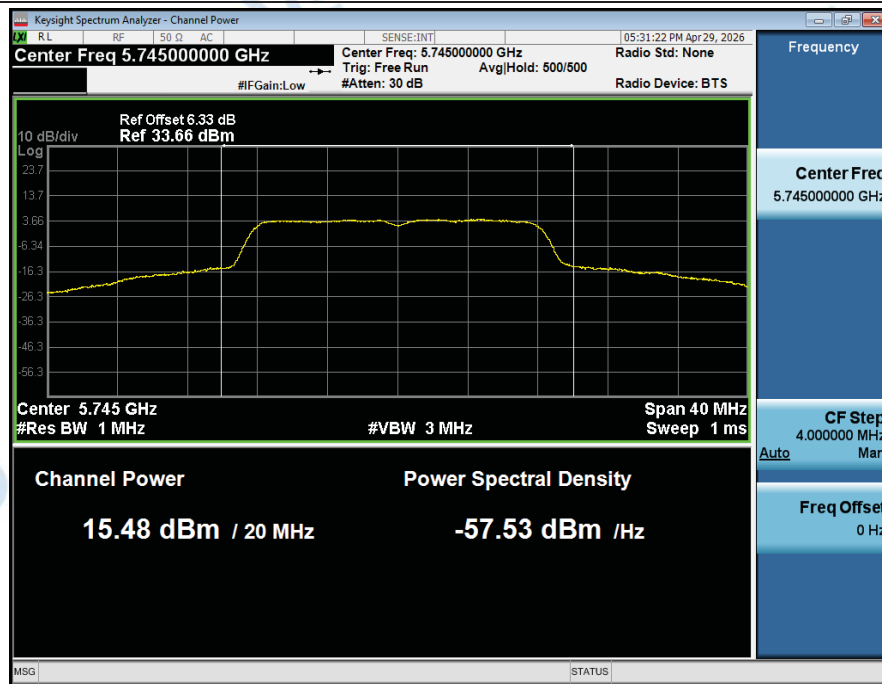




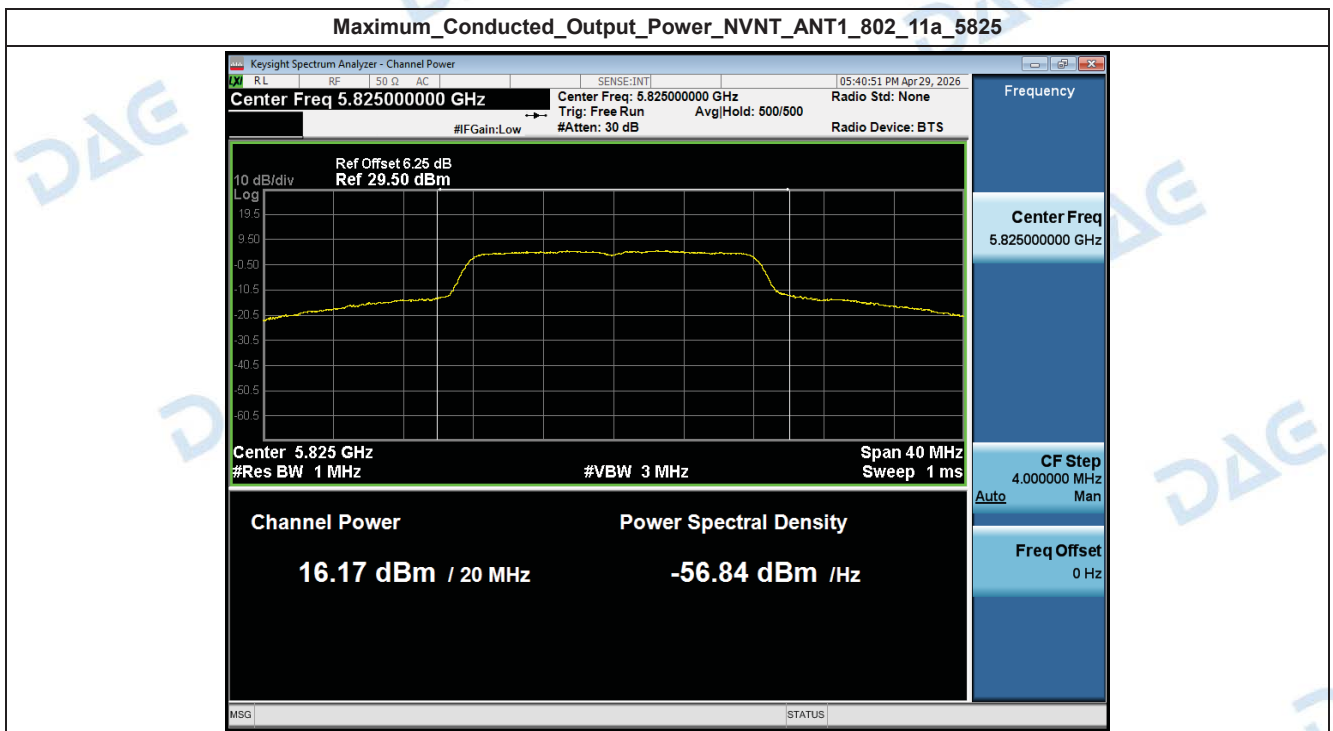
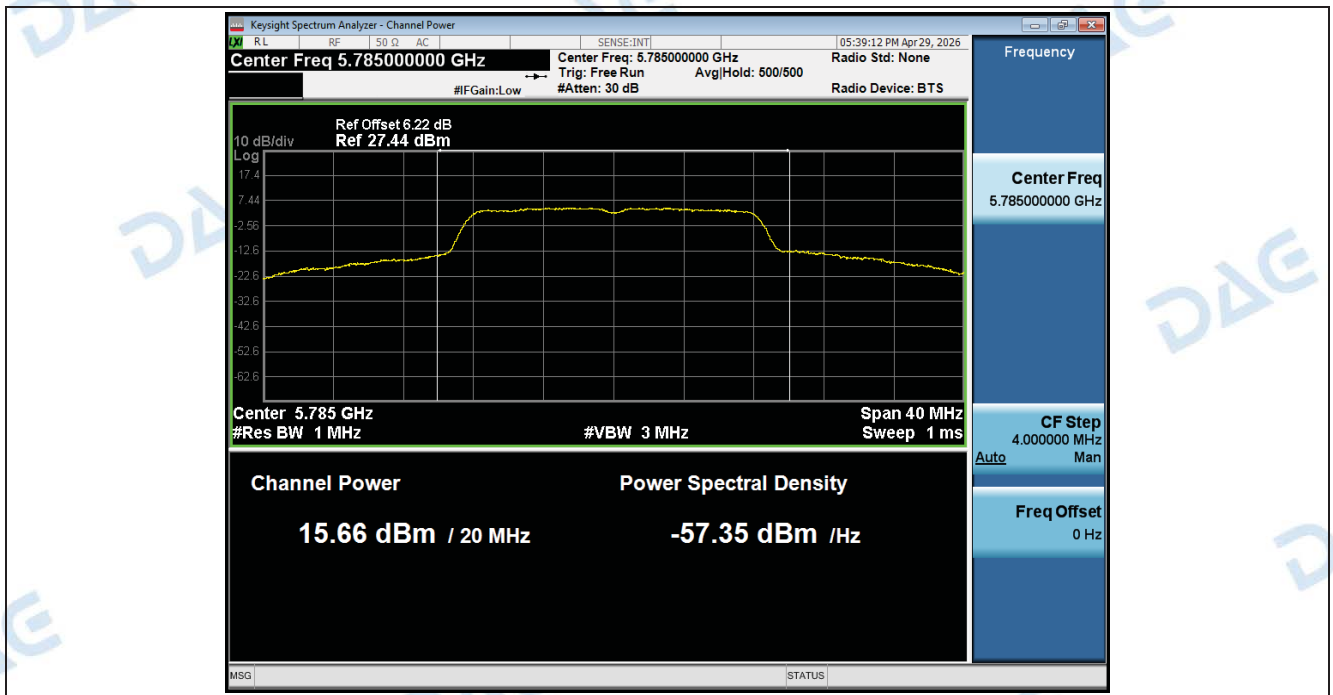
4. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	17.91	30	Pass
NVNT	ANT1	802.11a	5785.00	17.53	30	Pass
NVNT	ANT1	802.11a	5825.00	18.17	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	15.71	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	16.32	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	17.80	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	15.01	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	14.96	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	15.24	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	13.17	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	14.05	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	14.24	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	13.94	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	13.48	30	Pass

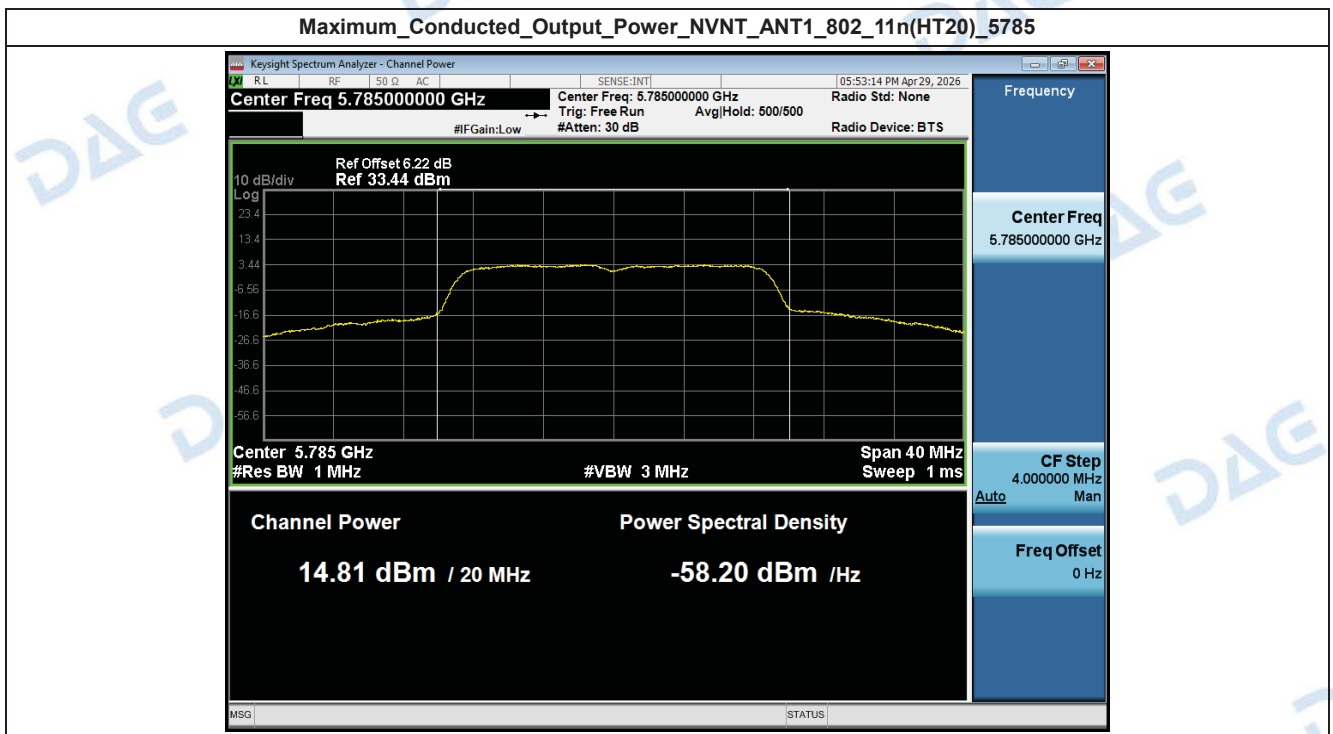
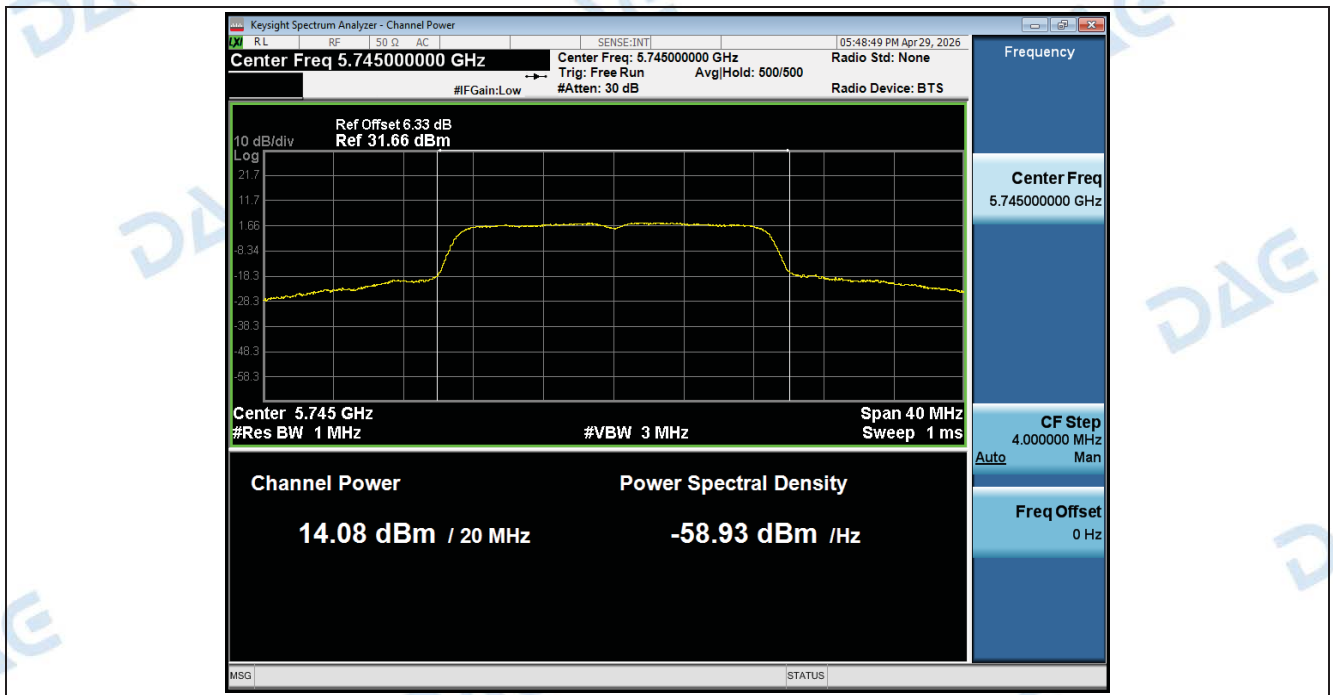
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745



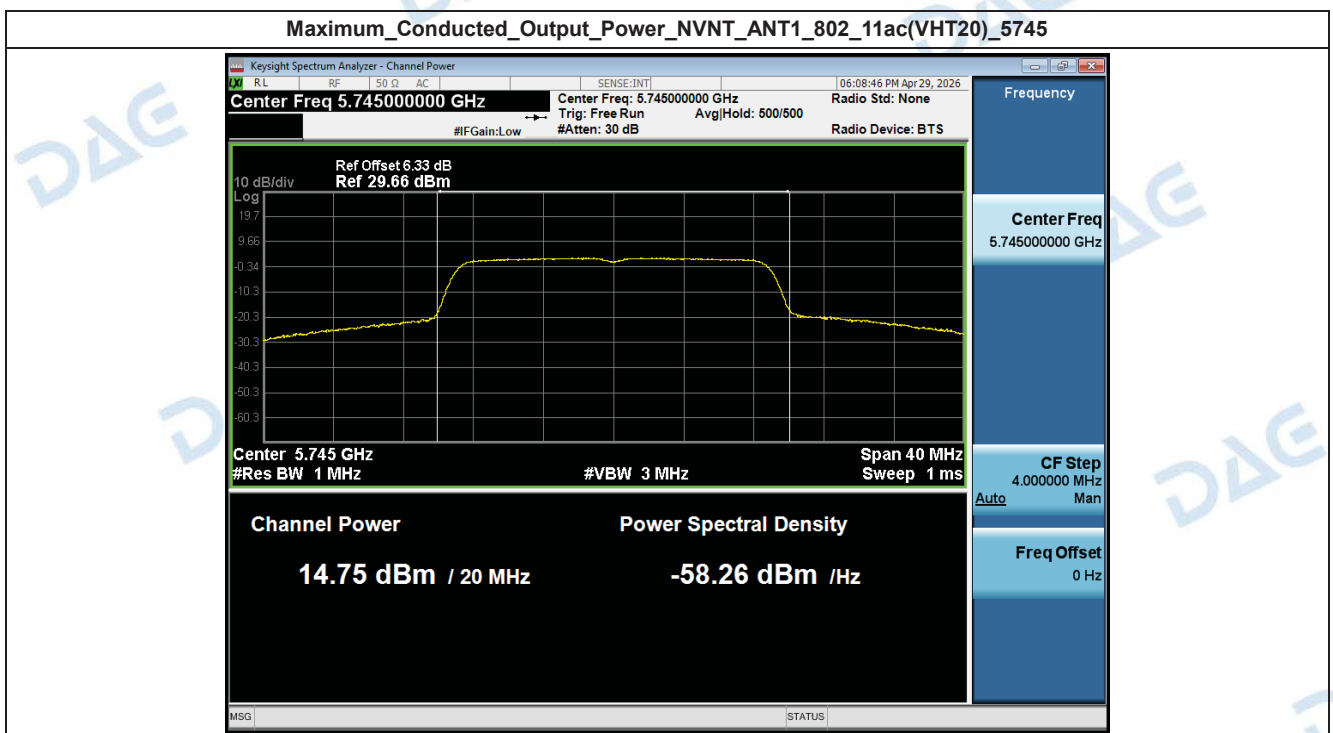
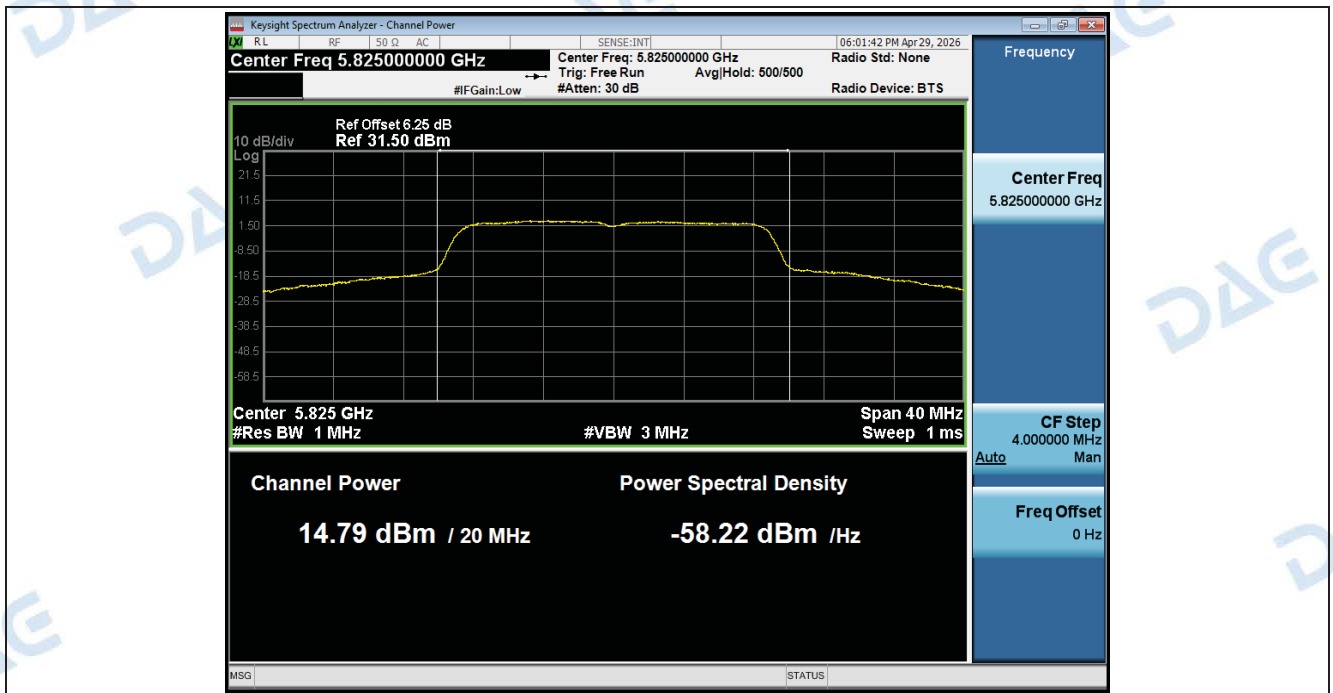
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



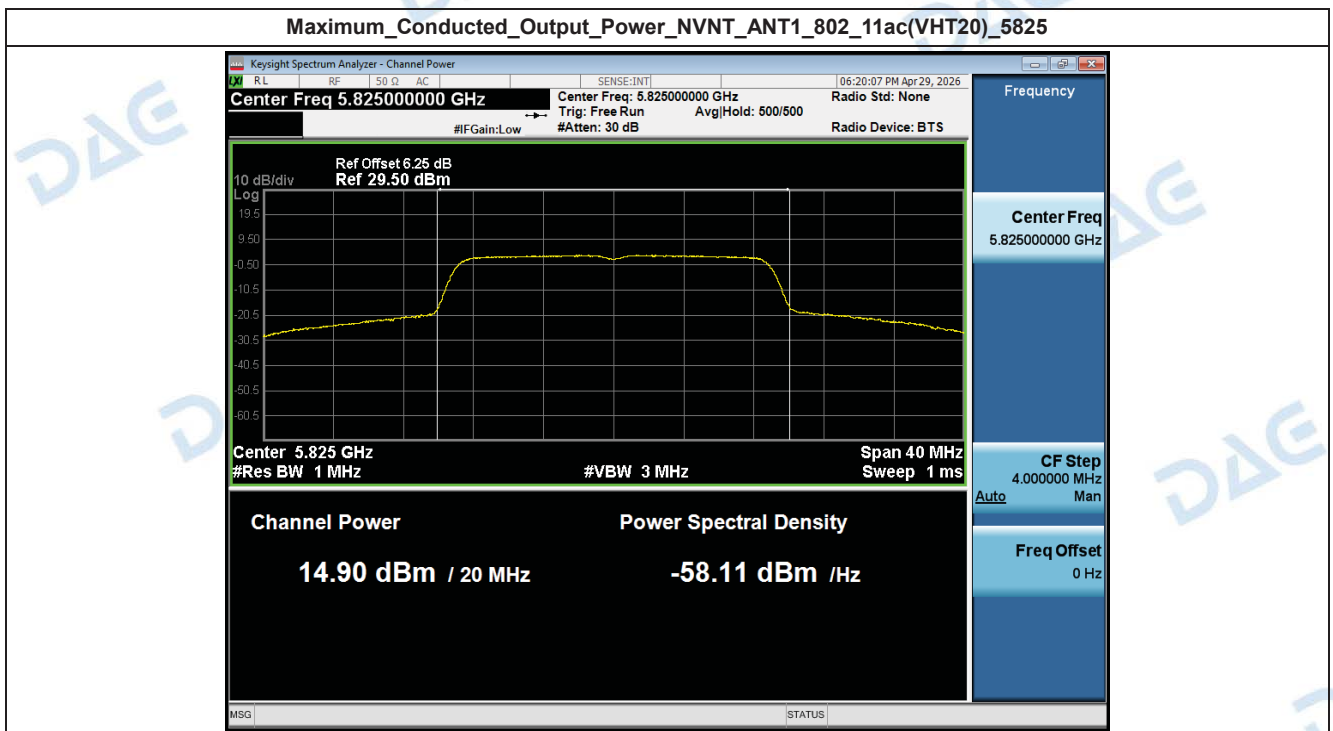
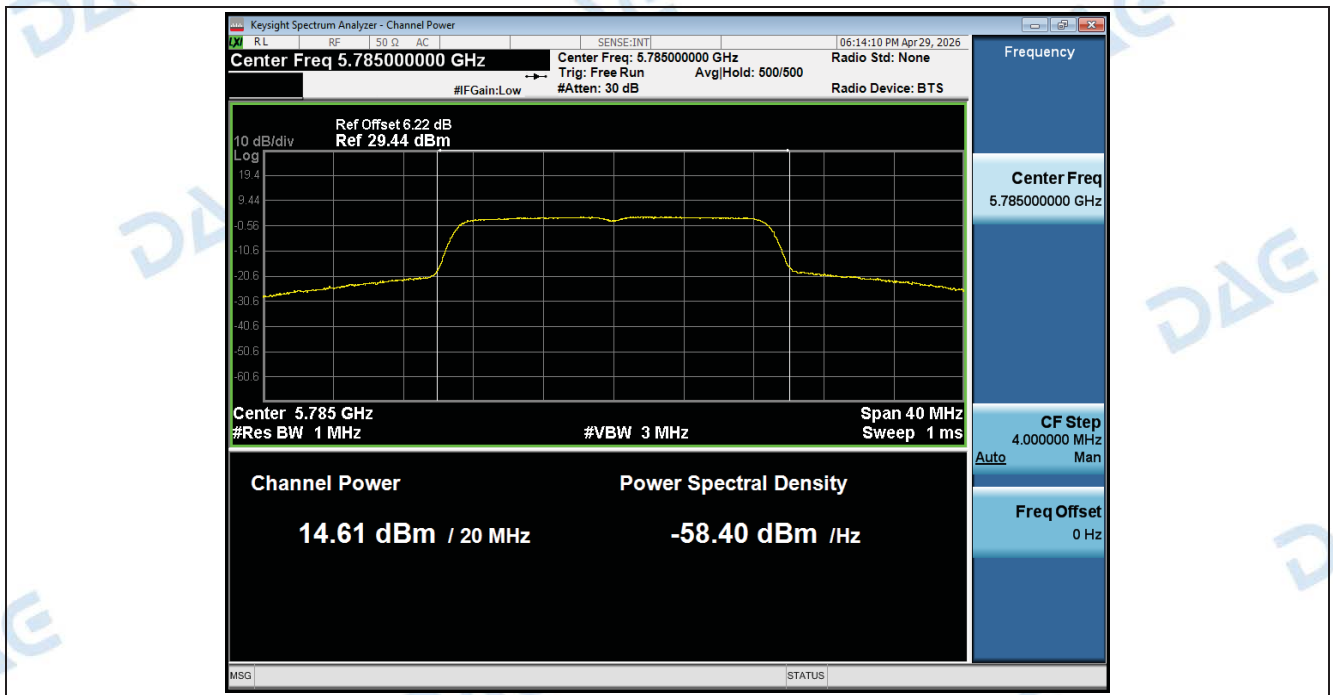
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5745



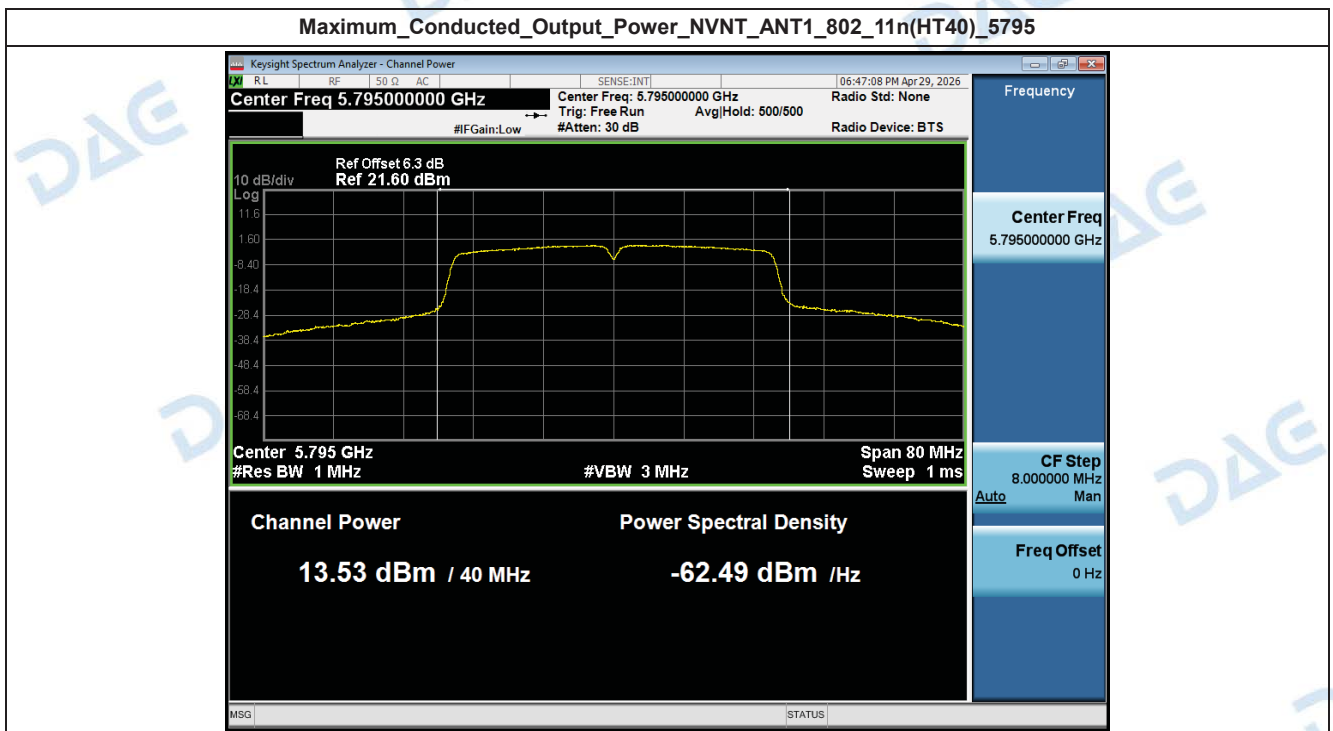
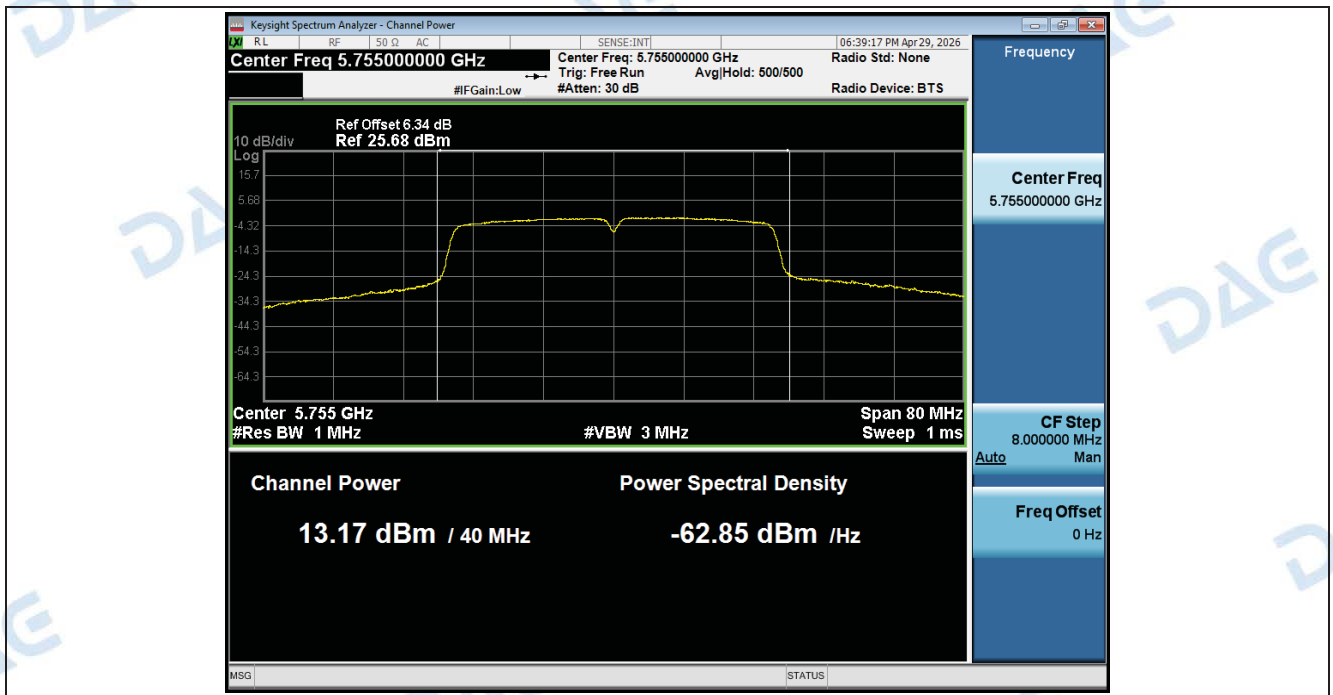
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5825



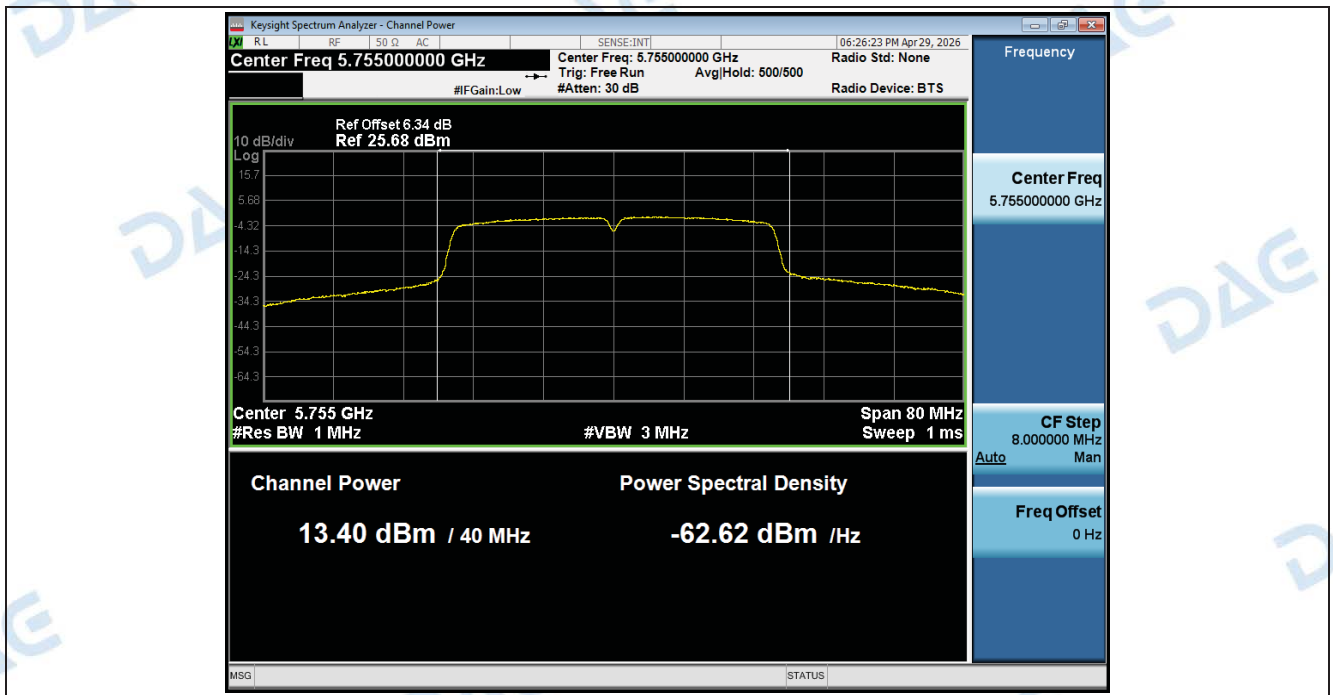
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5785



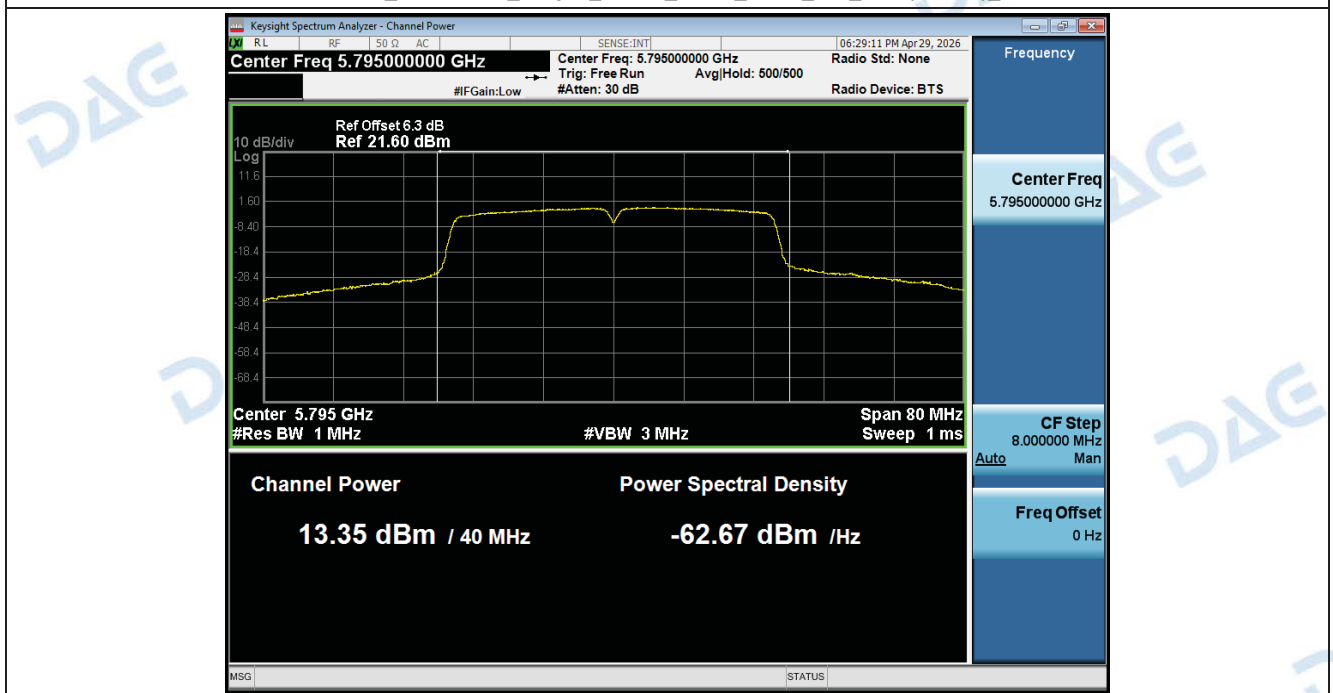
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5755



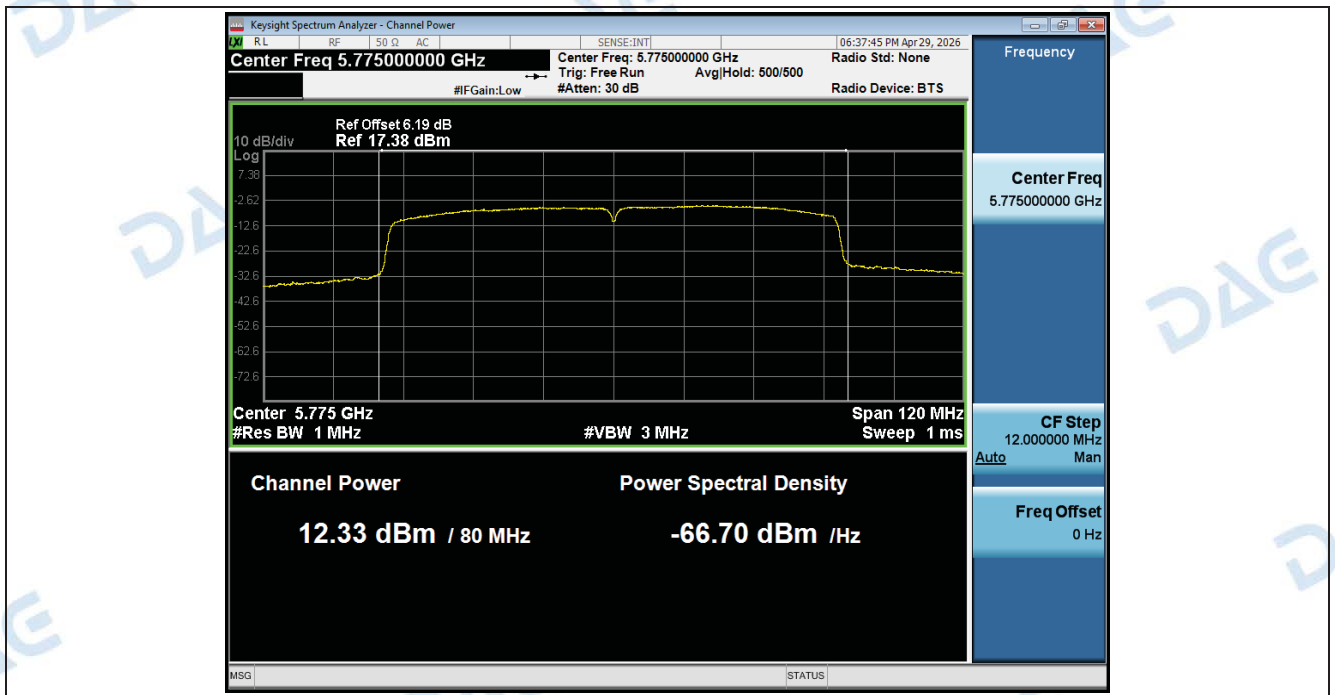
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5755



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5795



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT80)_5775



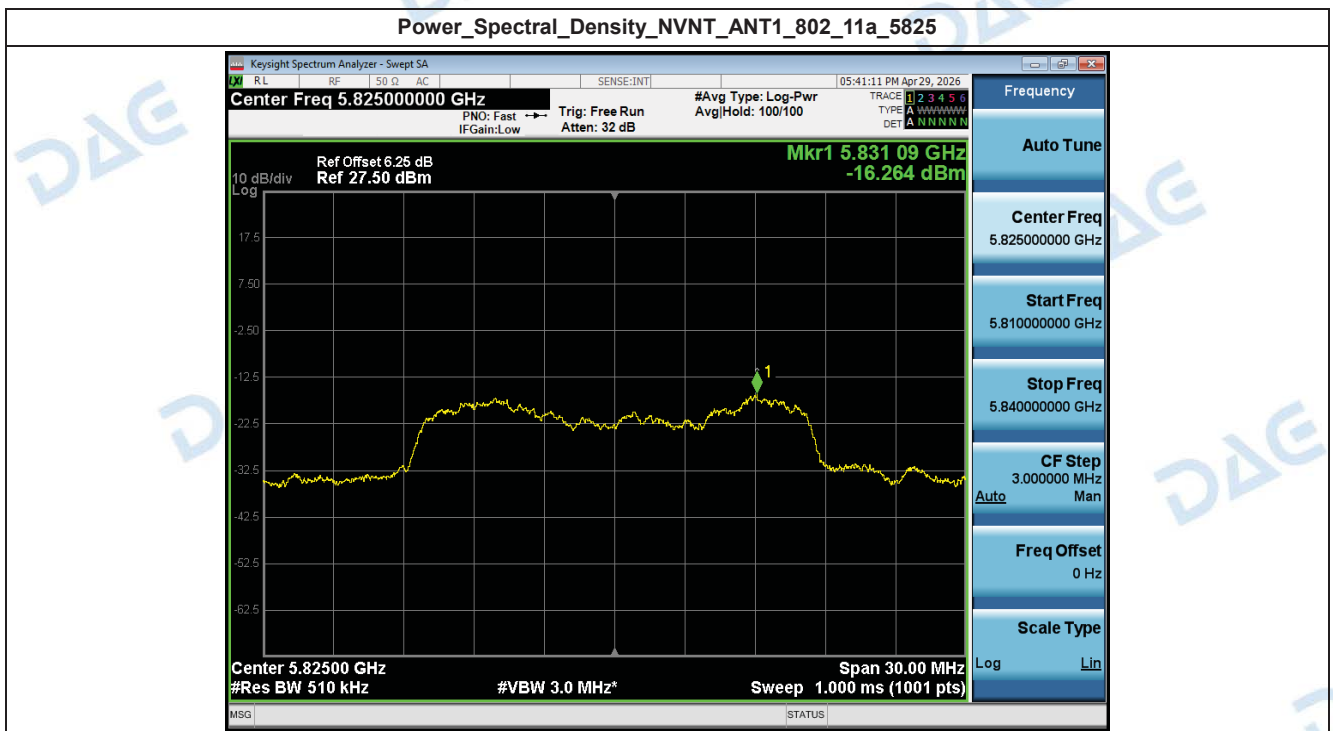
5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA(dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD(dBm/500kHz)	limit(dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-16.73	2.43	-0.09	-14.38	30	Pass
NVNT	ANT1	802.11a	5785.00	-16.32	1.87	-0.09	-14.53	30	Pass
NVNT	ANT1	802.11a	5825.00	-16.26	2.00	-0.09	-14.35	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-20.52	1.63	-0.09	-18.98	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-19.03	1.51	-0.09	-17.61	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-17.36	3.01	-0.09	-14.43	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-2.59	0.26	-0.09	-2.42	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-3.54	0.35	-0.09	-3.28	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-3.70	0.34	-0.09	-3.44	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-11.19	0.43	-0.09	-10.85	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-12.37	0.52	-0.09	-11.94	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-13.06	0.84	-0.09	-12.31	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-12.53	0.59	-0.09	-12.03	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-21.96	1.15	-0.09	-20.89	30	Pass

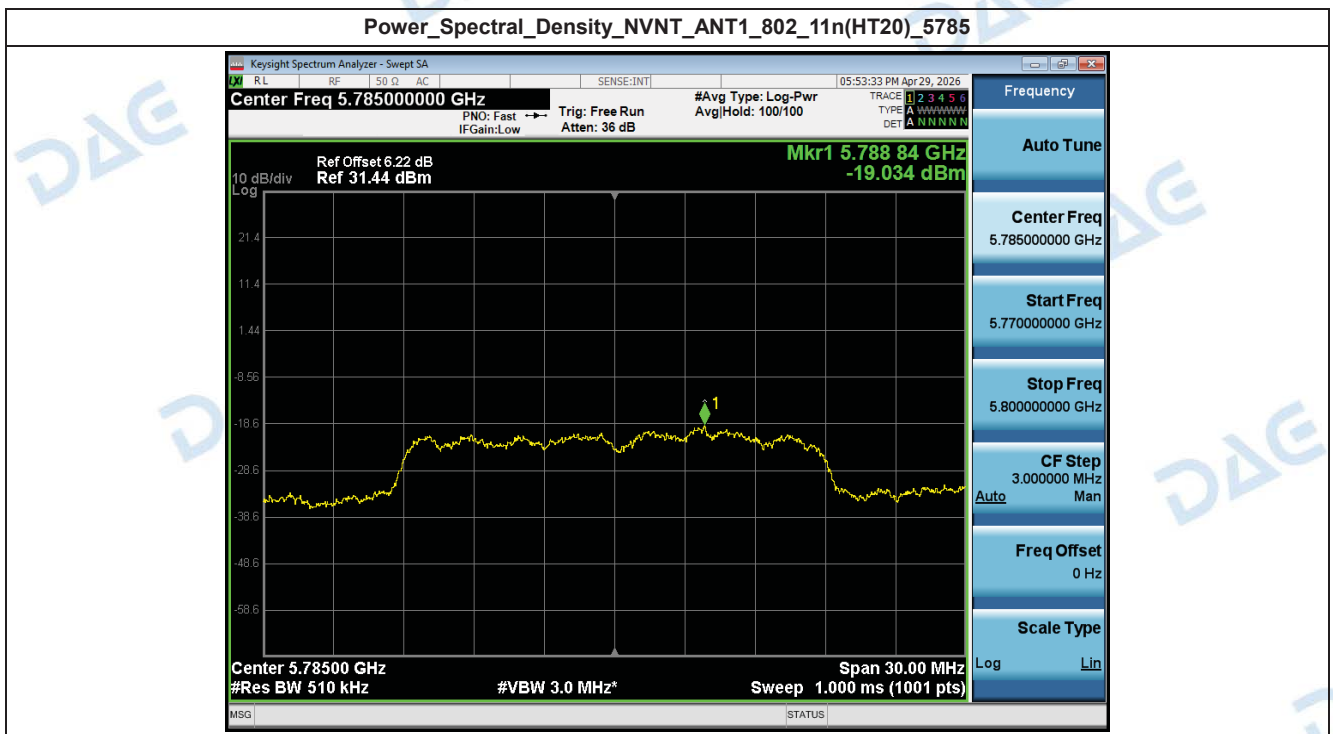
Power_Spectral_Density_NVNT_ANT1_802_11a_5745



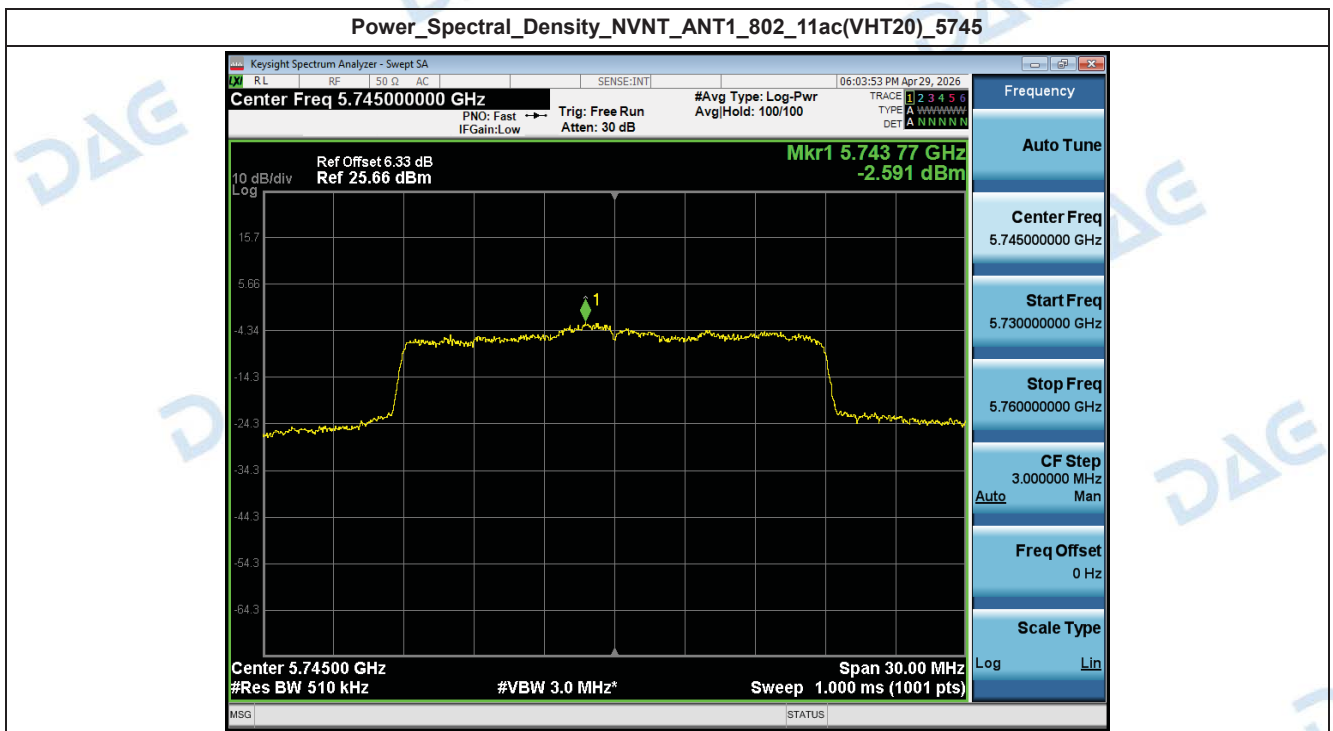
Power_Spectral_Density_NVNT_ANT1_802_11a_5785



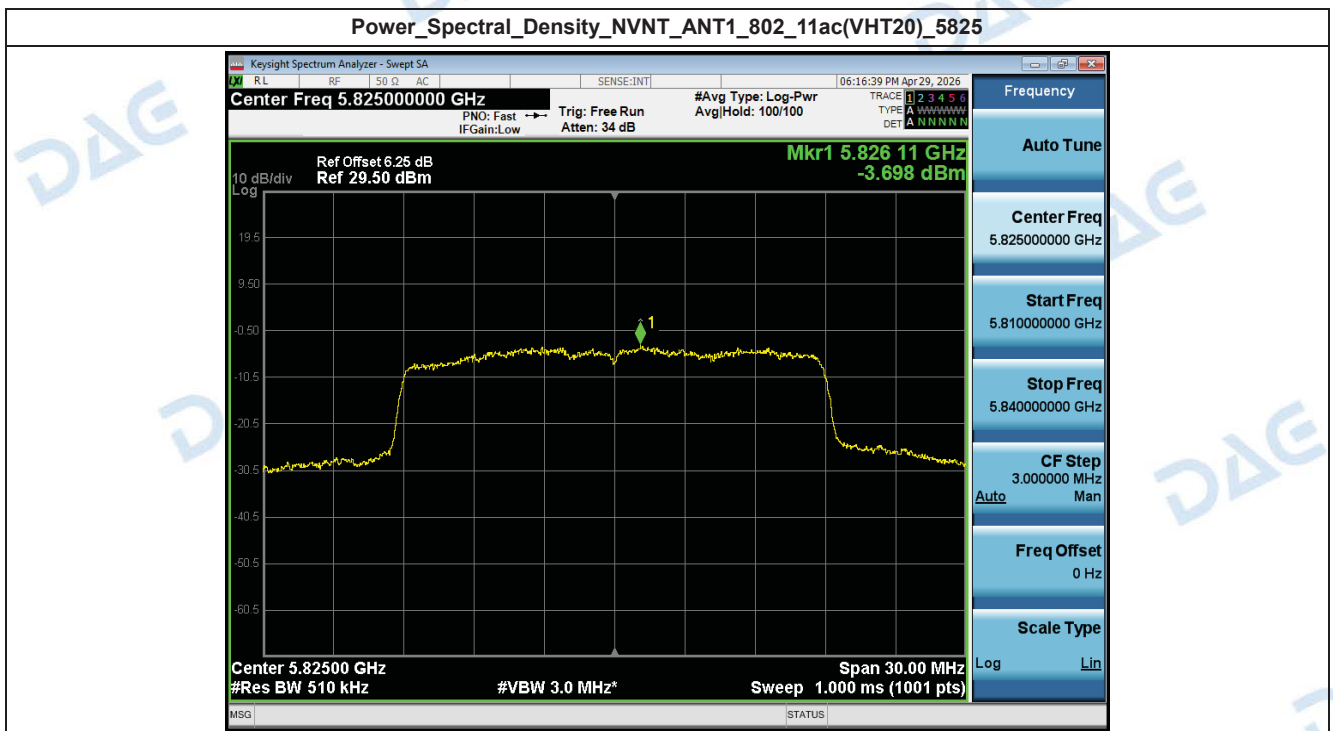
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745



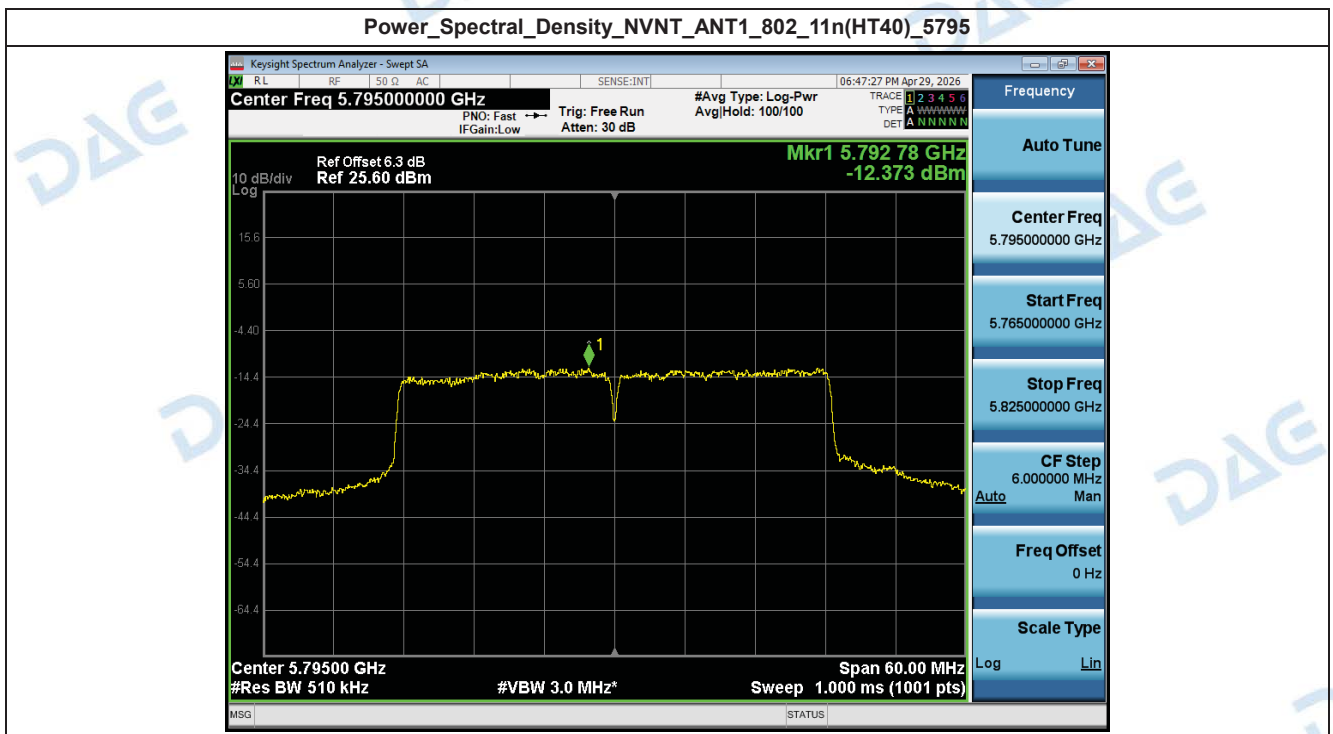
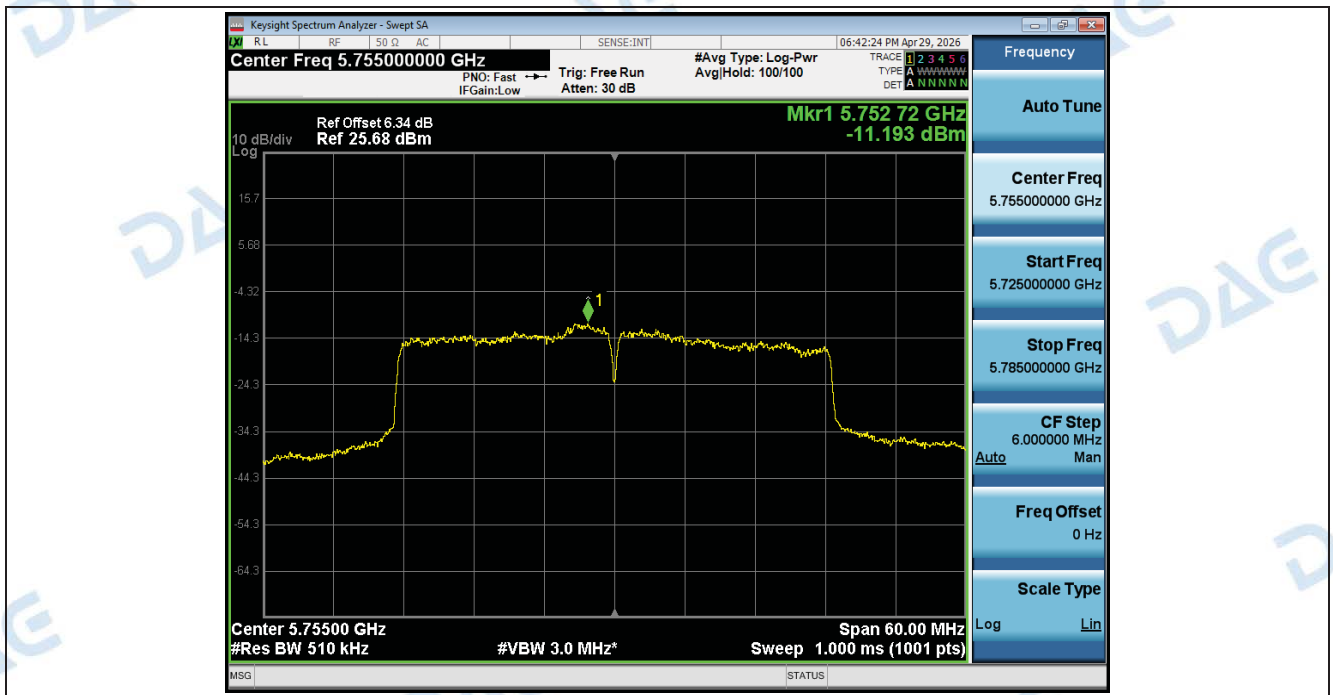
Power Spectral Density_NVNT_ANT1_802_11n(HT20)_5825



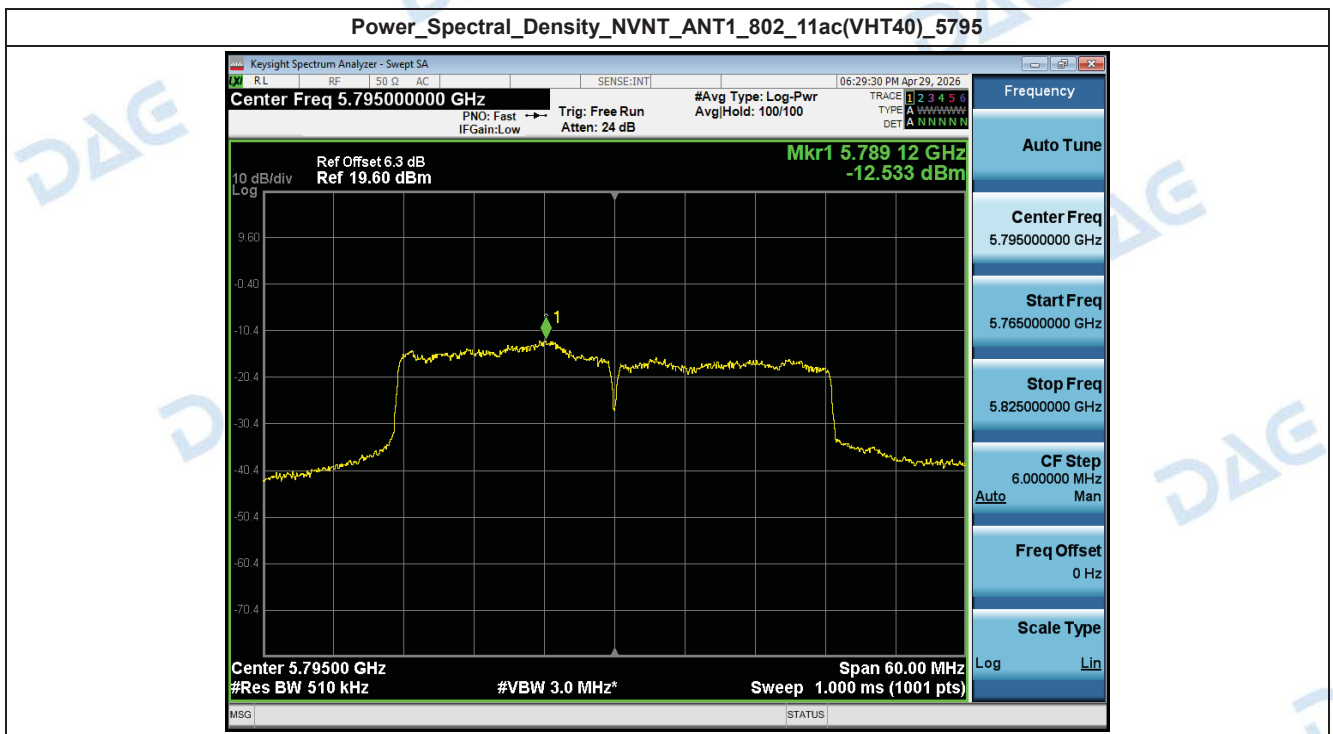
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5785



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775

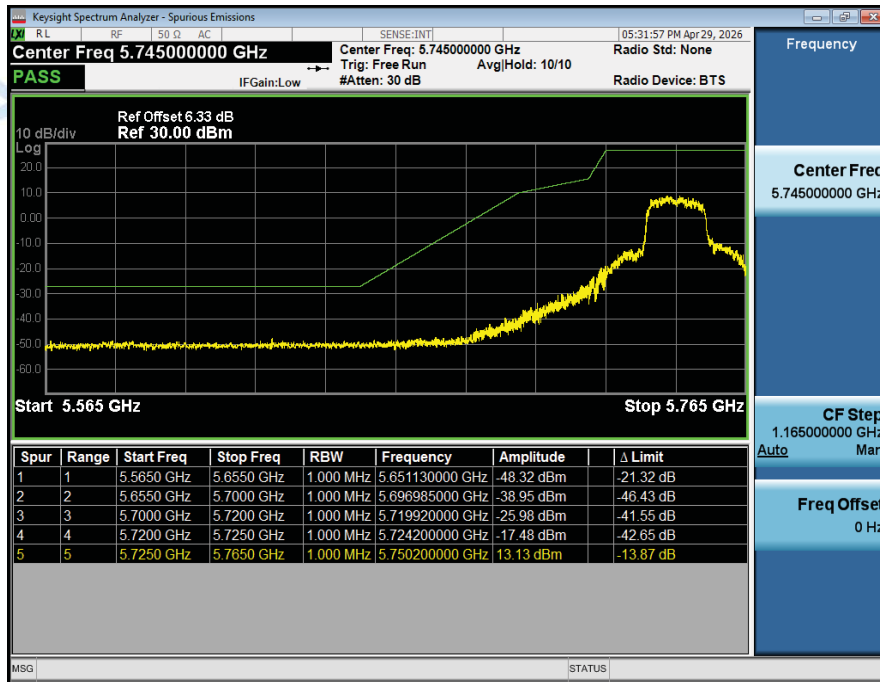


6. Bandedge

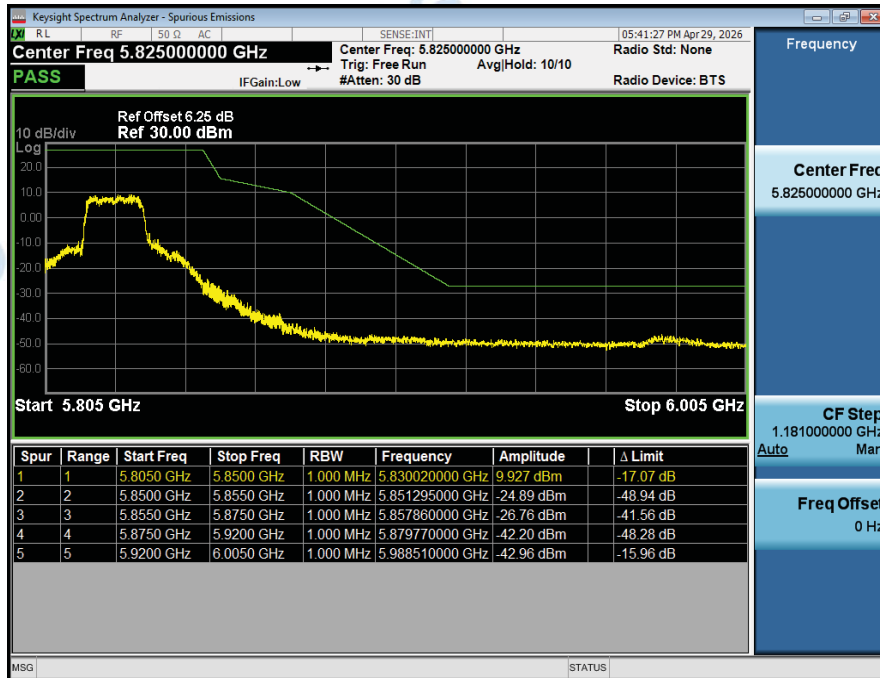
Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5651.130	-48.32	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5696.985	-38.95	7.52	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5719.920	-25.98	15.58	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5724.200	-17.48	25.18	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5851.295	-24.89	24.05	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5857.860	-26.76	14.80	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5879.770	-42.20	6.08	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5988.510	-42.96	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5628.900	-47.83	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5693.025	-42.99	4.26	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5719.420	-27.82	15.44	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5723.170	-21.34	22.83	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5850.585	-21.74	25.67	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5857.600	-28.71	14.87	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5879.680	-42.61	6.15	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5982.560	-42.56	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5592.270	-47.84	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5699.415	-35.57	9.52	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5719.800	-25.01	15.54	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5724.265	-17.01	25.32	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5851.805	-29.35	22.88	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5855.140	-32.25	15.56	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5900.020	-45.35	-10.57	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5951.110	-42.79	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5642.820	-47.63	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5692.170	-42.13	3.56	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5719.020	-28.10	15.33	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5721.105	-26.43	18.12	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5852.650	-36.67	20.96	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5858.960	-39.18	14.49	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5884.540	-43.56	2.16	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5942.015	-42.31	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5609.460	-47.38	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5695.770	-43.98	6.52	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5719.800	-29.46	15.54	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5720.215	-28.64	16.09	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.755	-37.81	16.16	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5856.700	-37.46	15.12	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5888.050	-44.25	-0.73	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5949.015	-41.45	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5652.340	-47.36	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5693.970	-37.30	5.04	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5711.200	-31.06	13.14	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5720.825	-29.90	17.48	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.245	-31.08	17.32	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5861.140	-32.69	13.88	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5880.850	-37.99	5.19	Pass

NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5921.265	-39.85	-27.00	Pass
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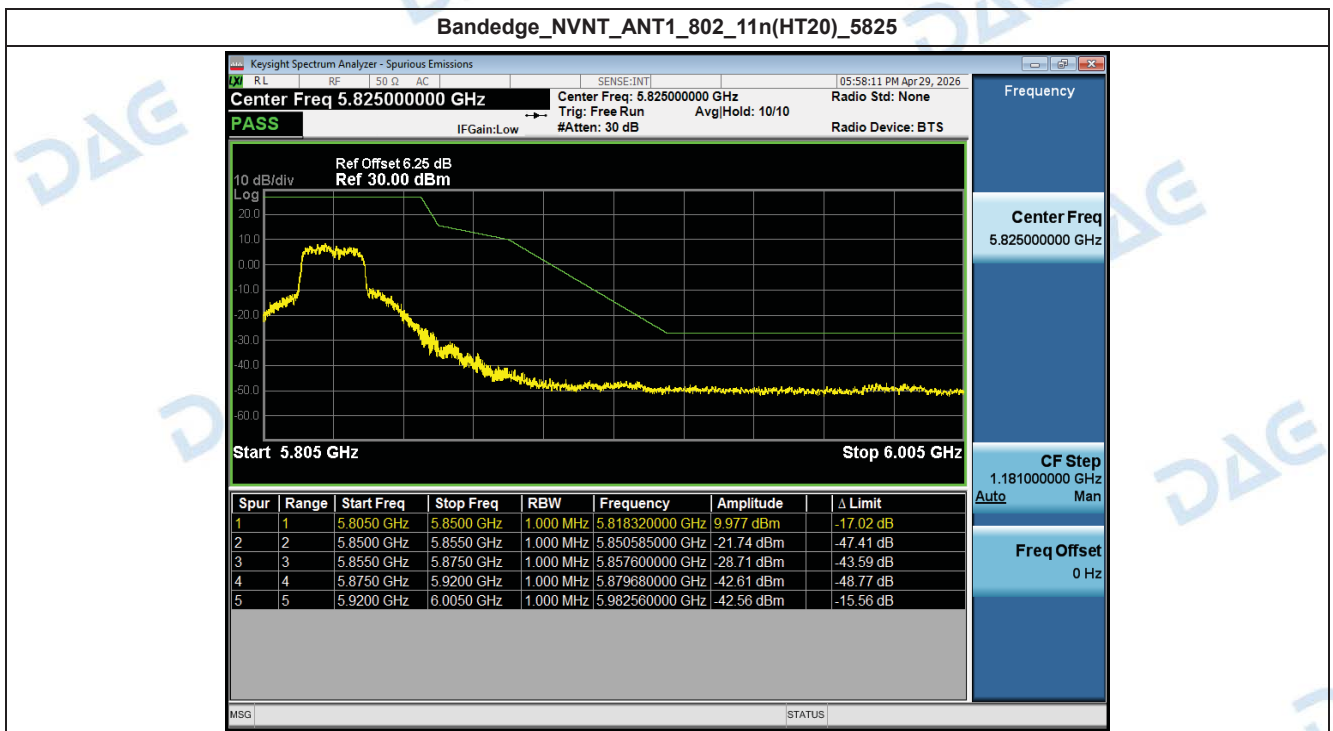
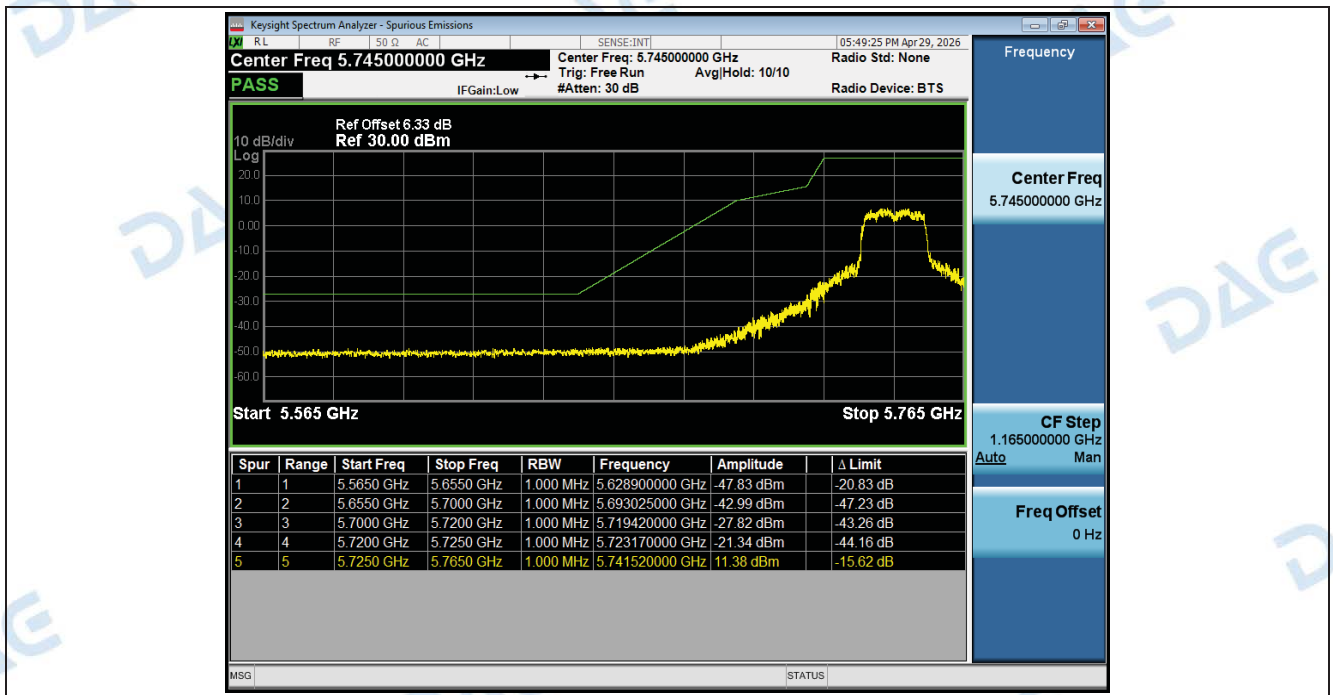
Bandedge_NVNT_ANT1_802_11a_5745



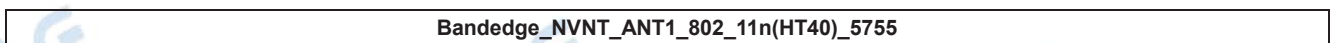
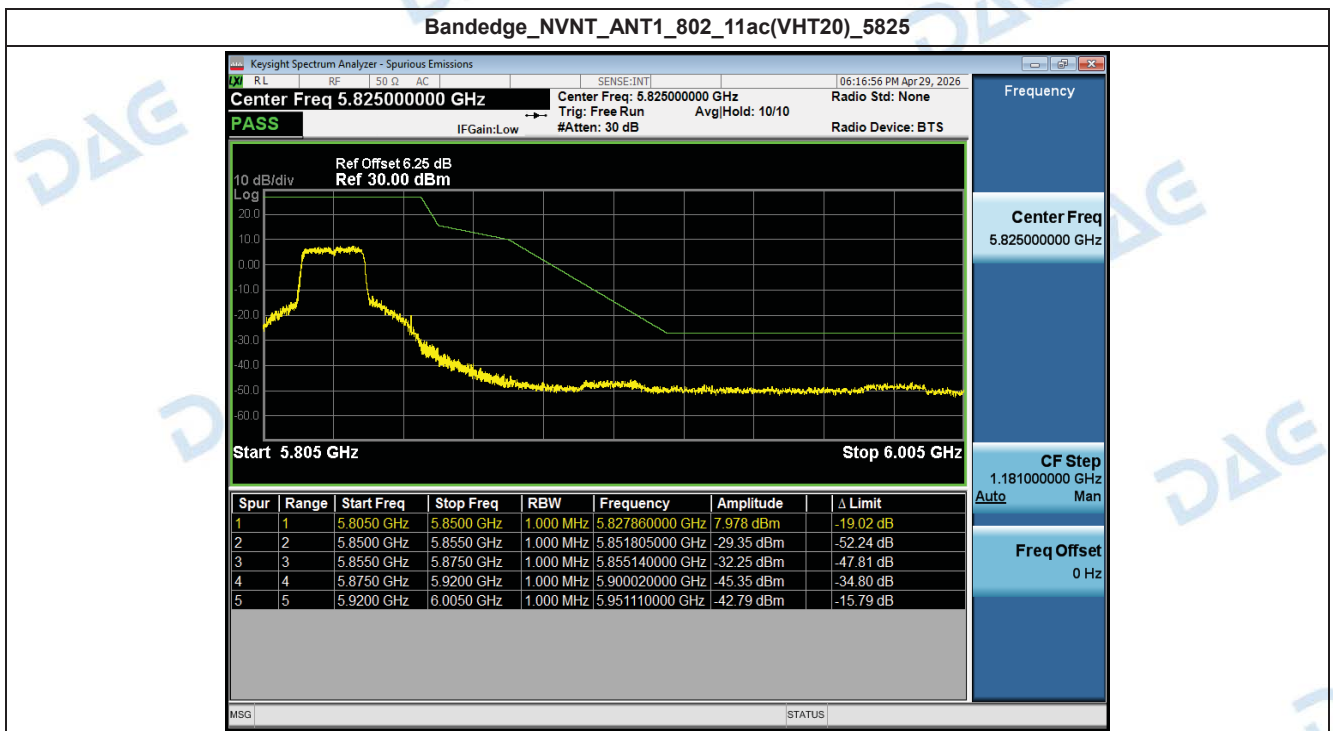
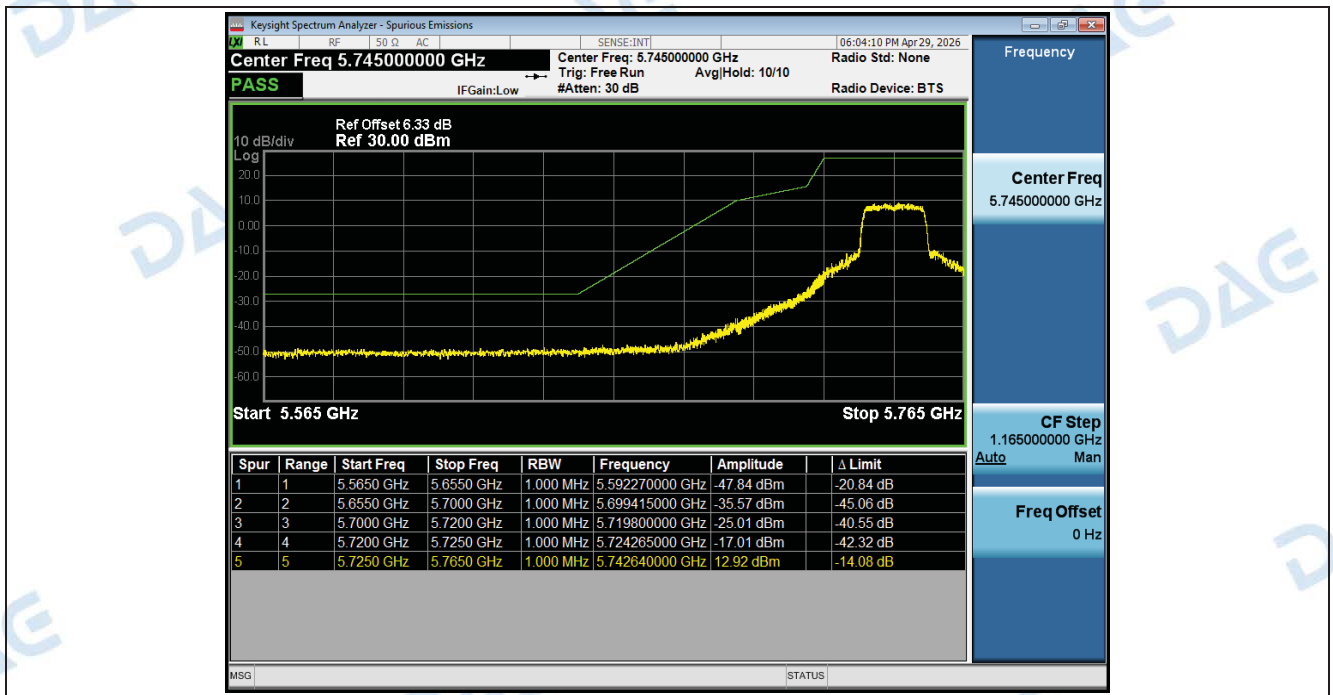
Bandedge_NVNT_ANT1_802_11a_5825

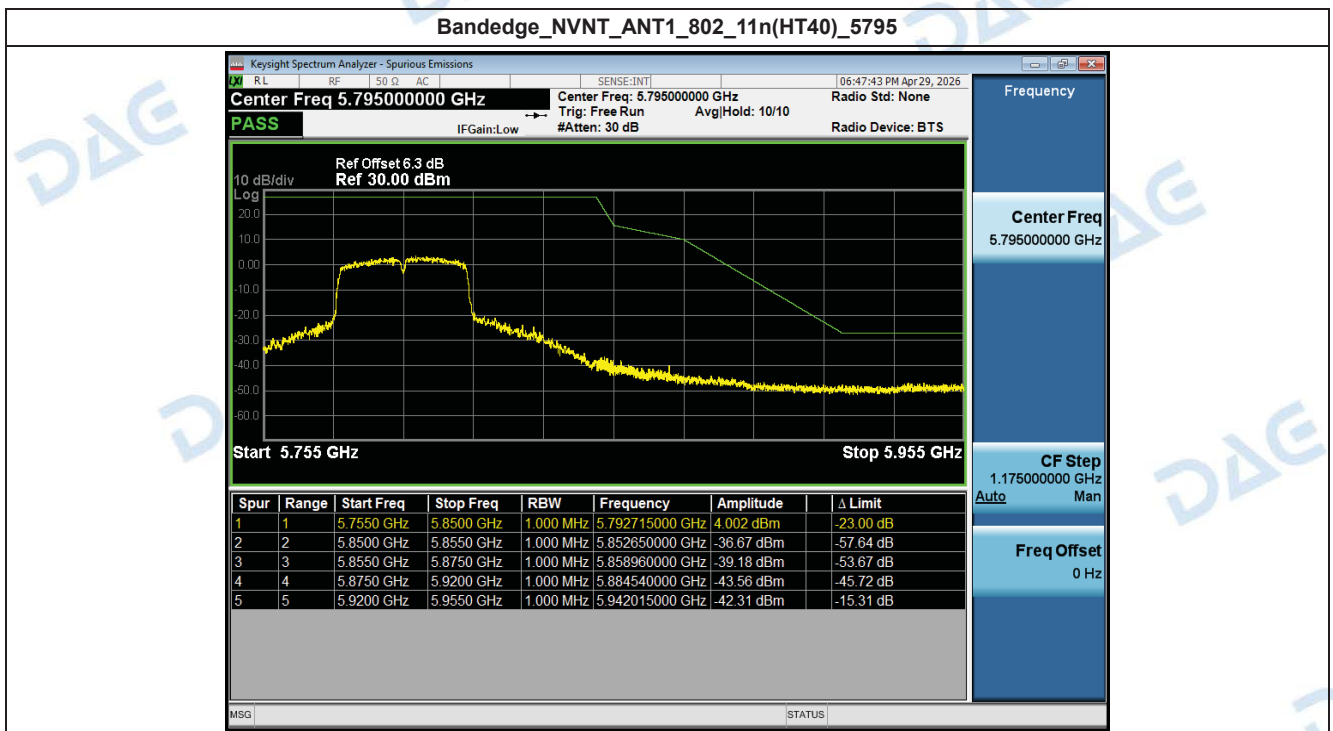
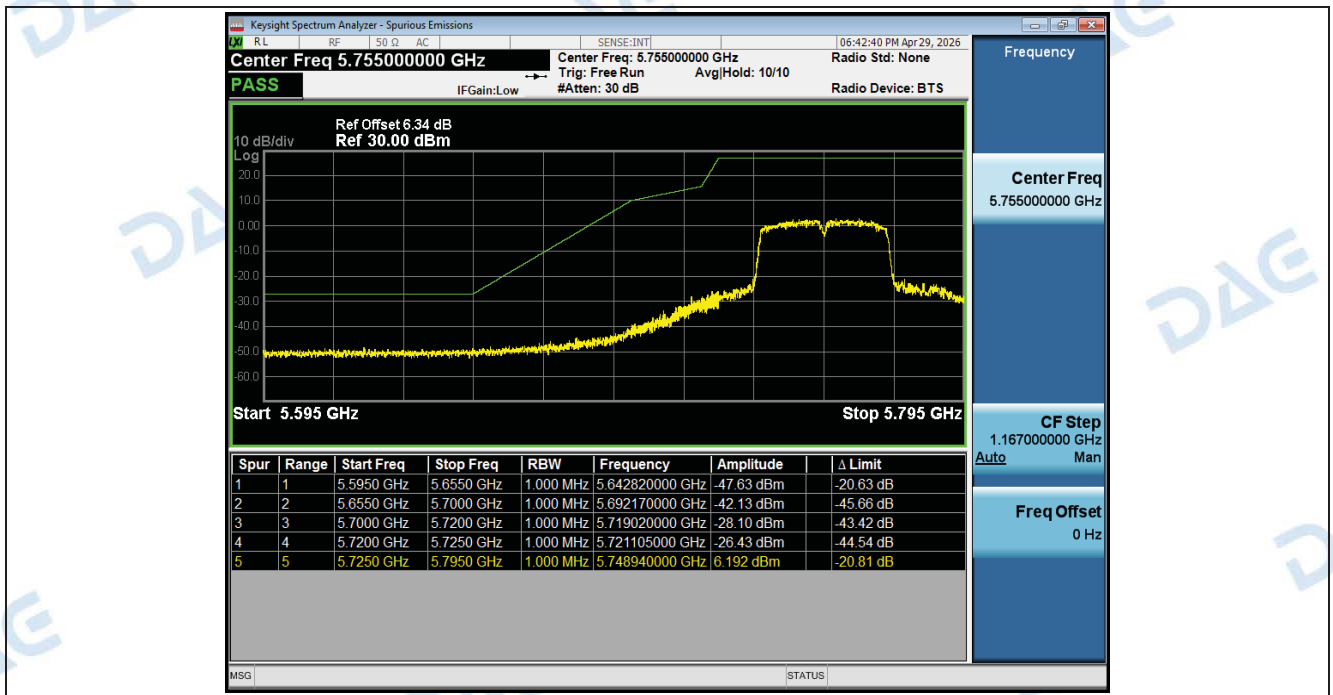


Bandedge_NVNT_ANT1_802_11n(HT20)_5745

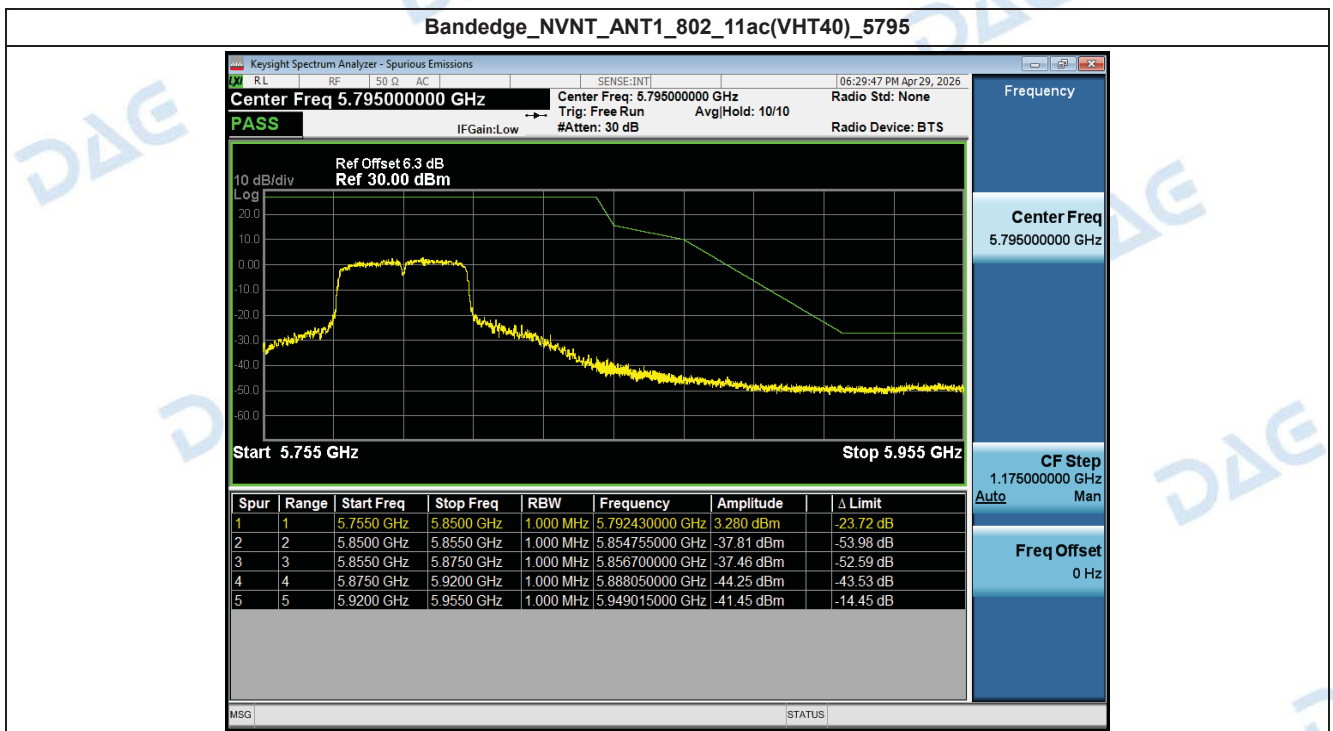
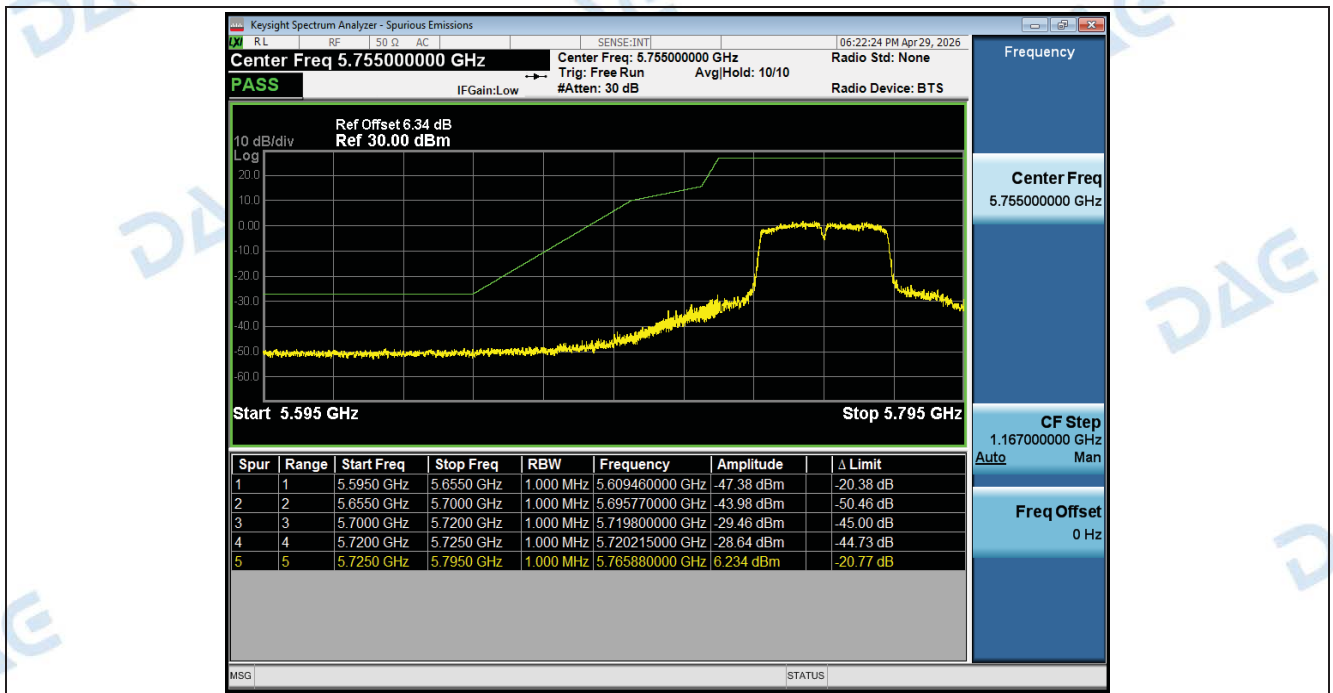


Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745

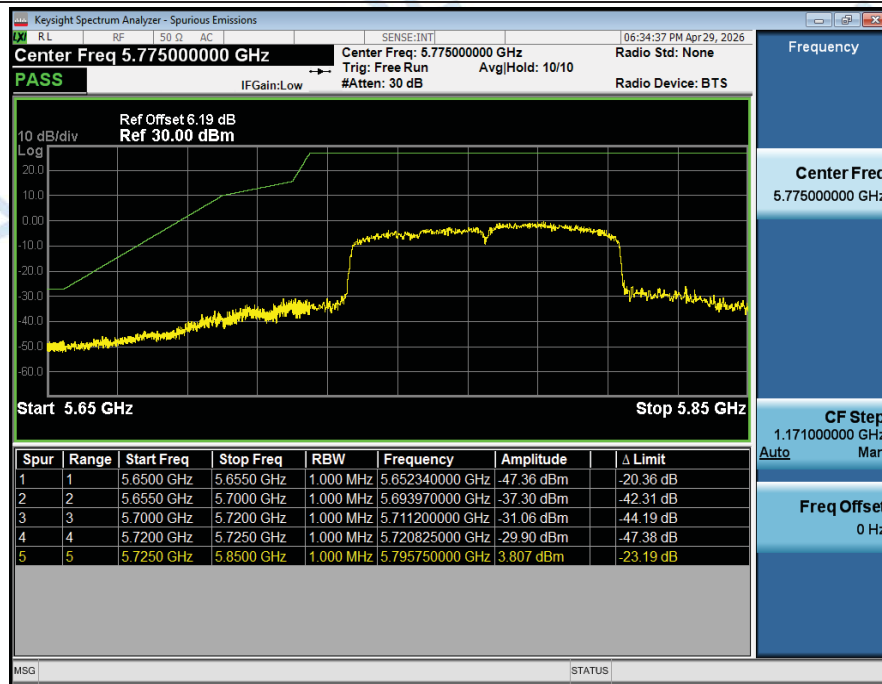




Bandedge_NVNT_ANT1_802_11ac(VHT40)_5755



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low



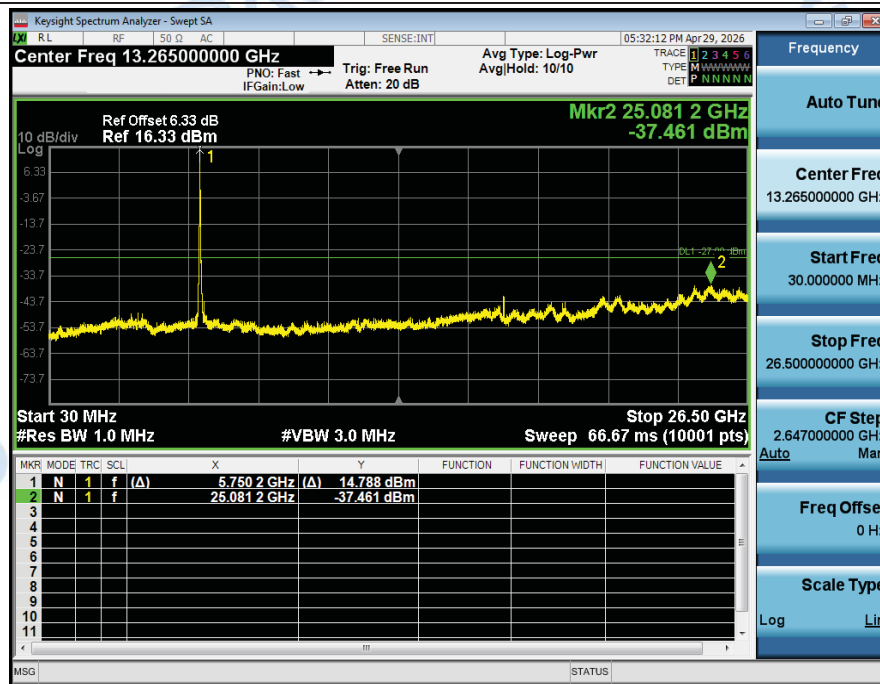
Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up



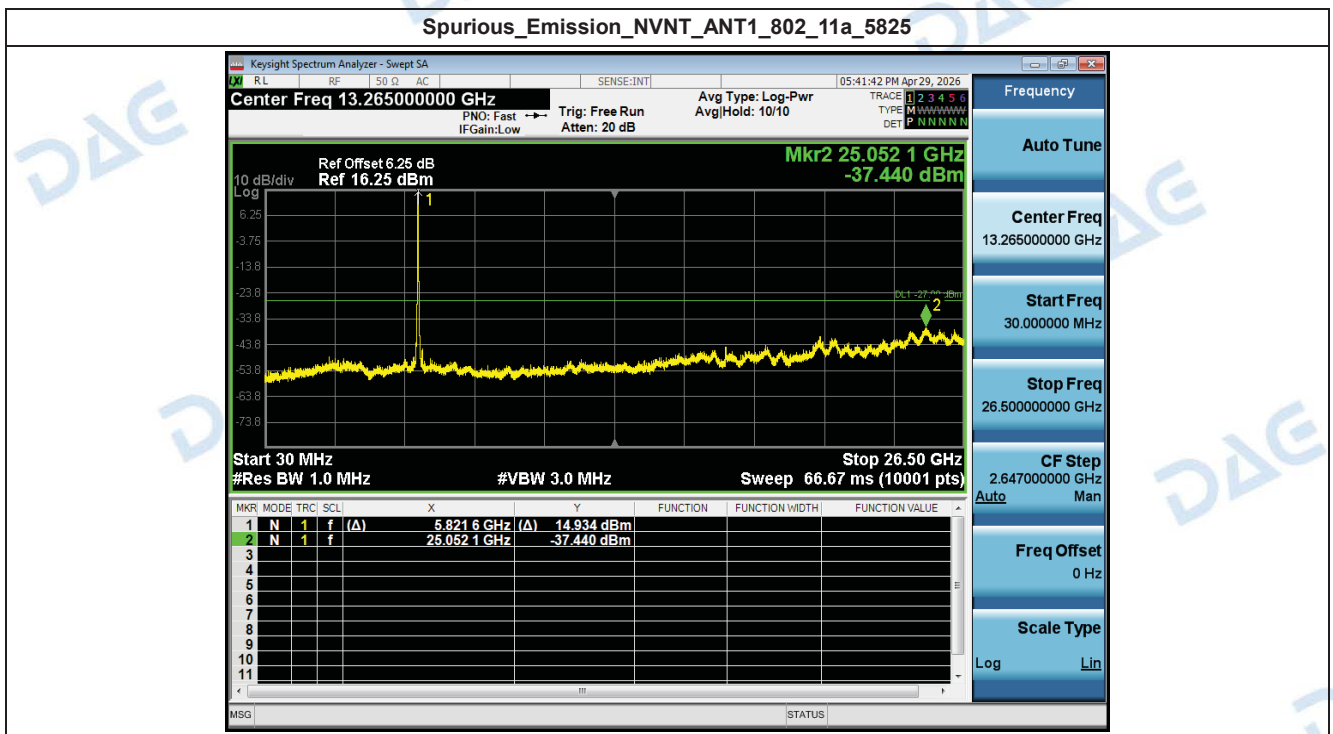
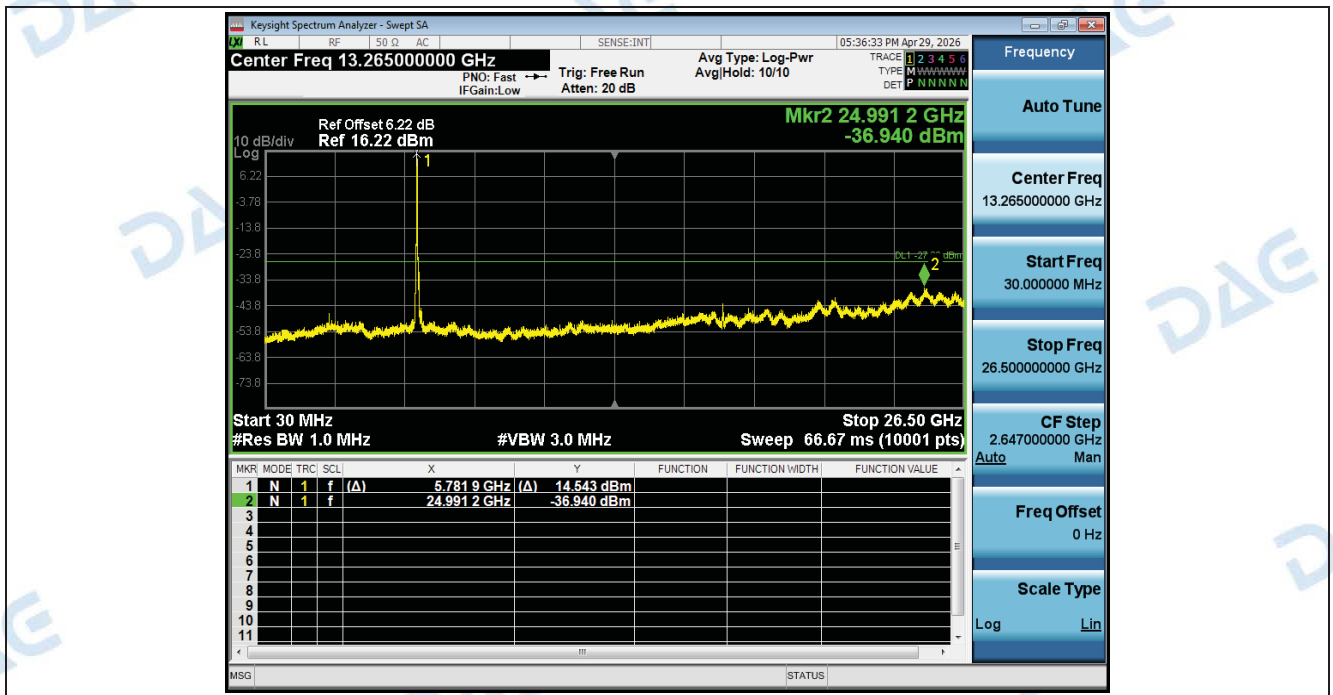
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	25081.21	-37.46	-27	Pass
NVNT	ANT1	802.11a	5785.00	24991.21	-36.94	-27	Pass
NVNT	ANT1	802.11a	5825.00	25052.09	-37.44	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25049.44	-37.56	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	25136.79	-37.68	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	24988.56	-37.35	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25052.09	-37.49	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	24996.50	-37.53	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	25052.09	-36.37	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	24951.51	-37.23	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	25020.33	-37.55	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	25139.44	-36.68	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	25030.92	-37.55	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	25041.50	-36.49	-27	Pass

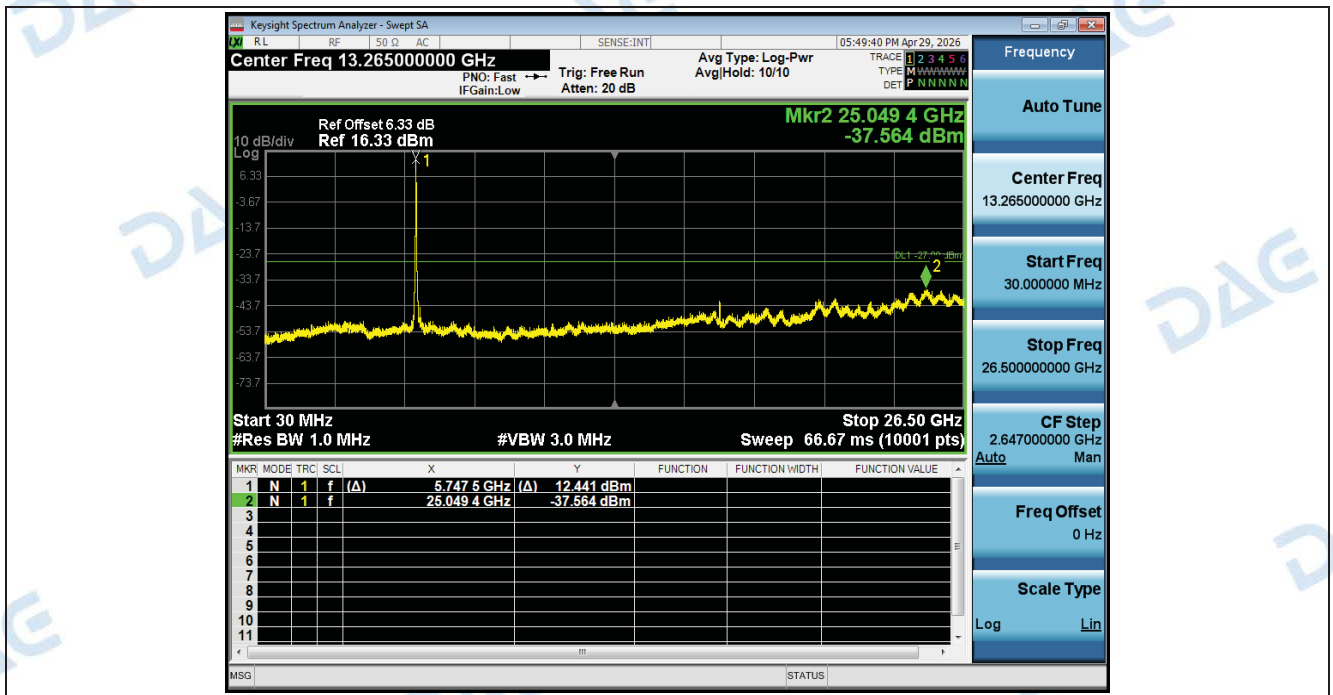
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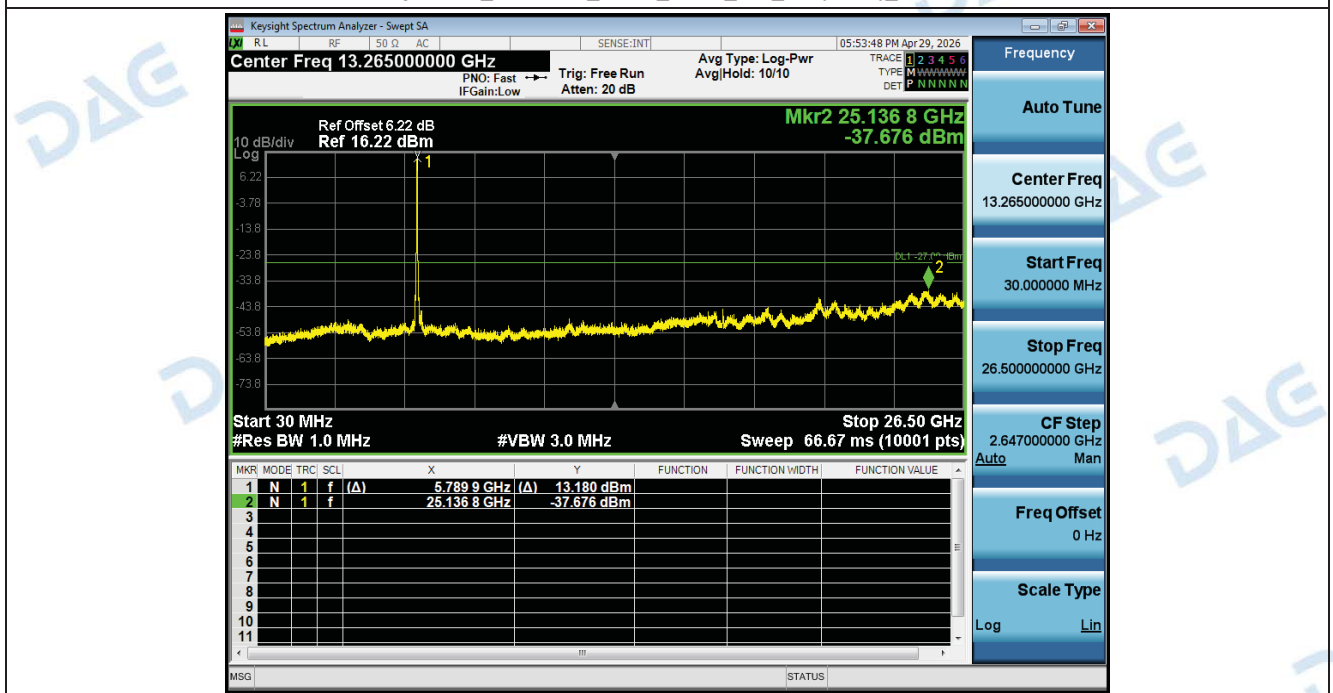
Spurious_Emission_NVNT_ANT1_802_11a_5785



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5745



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5785



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5825