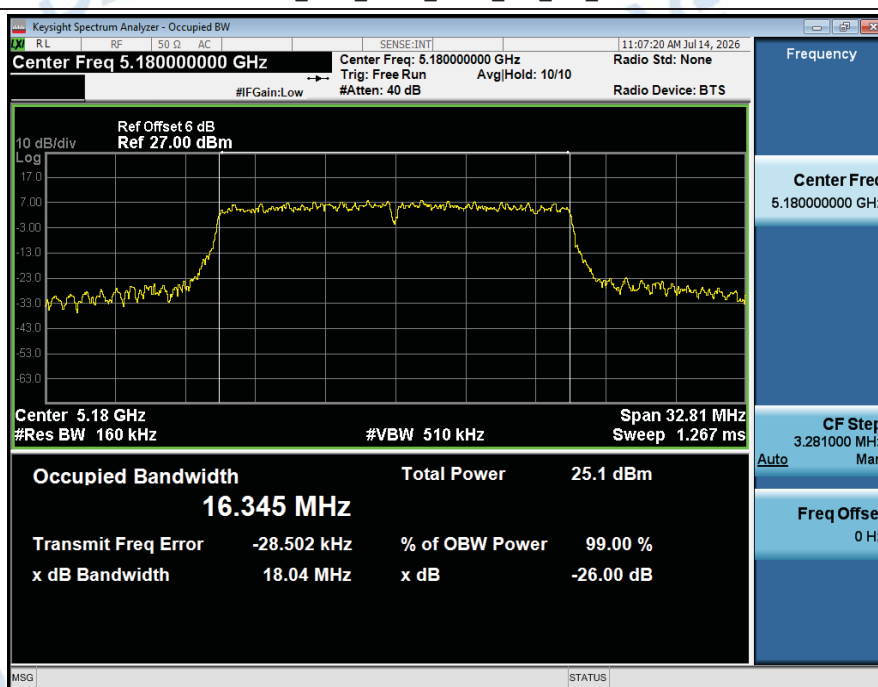


Appendix

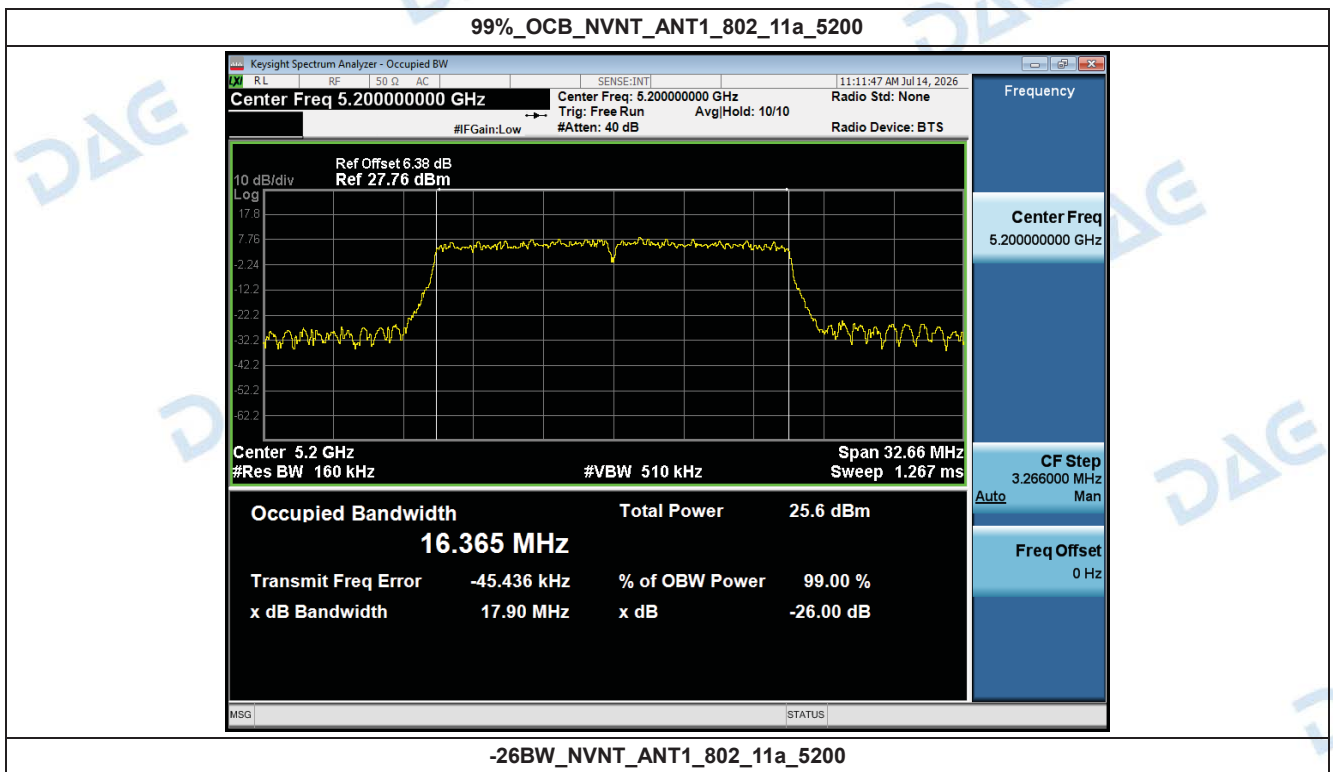
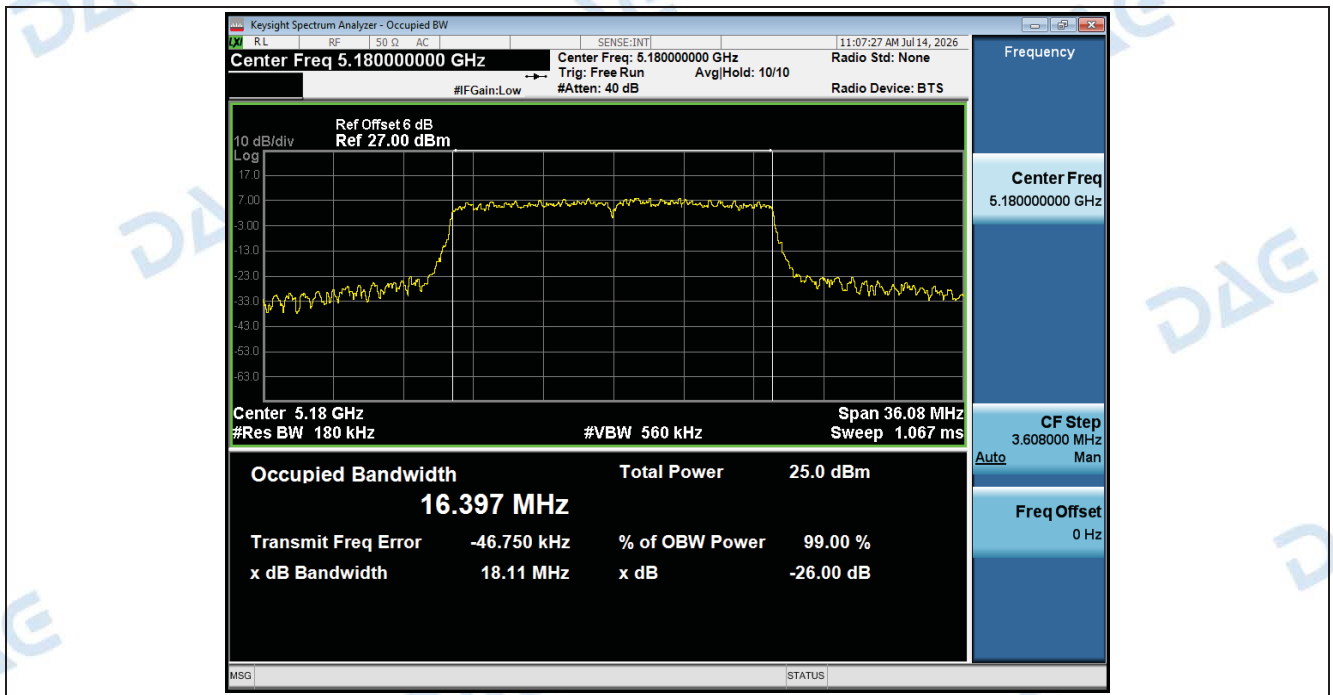
1. -26dB and 99% Emission Bandwidth

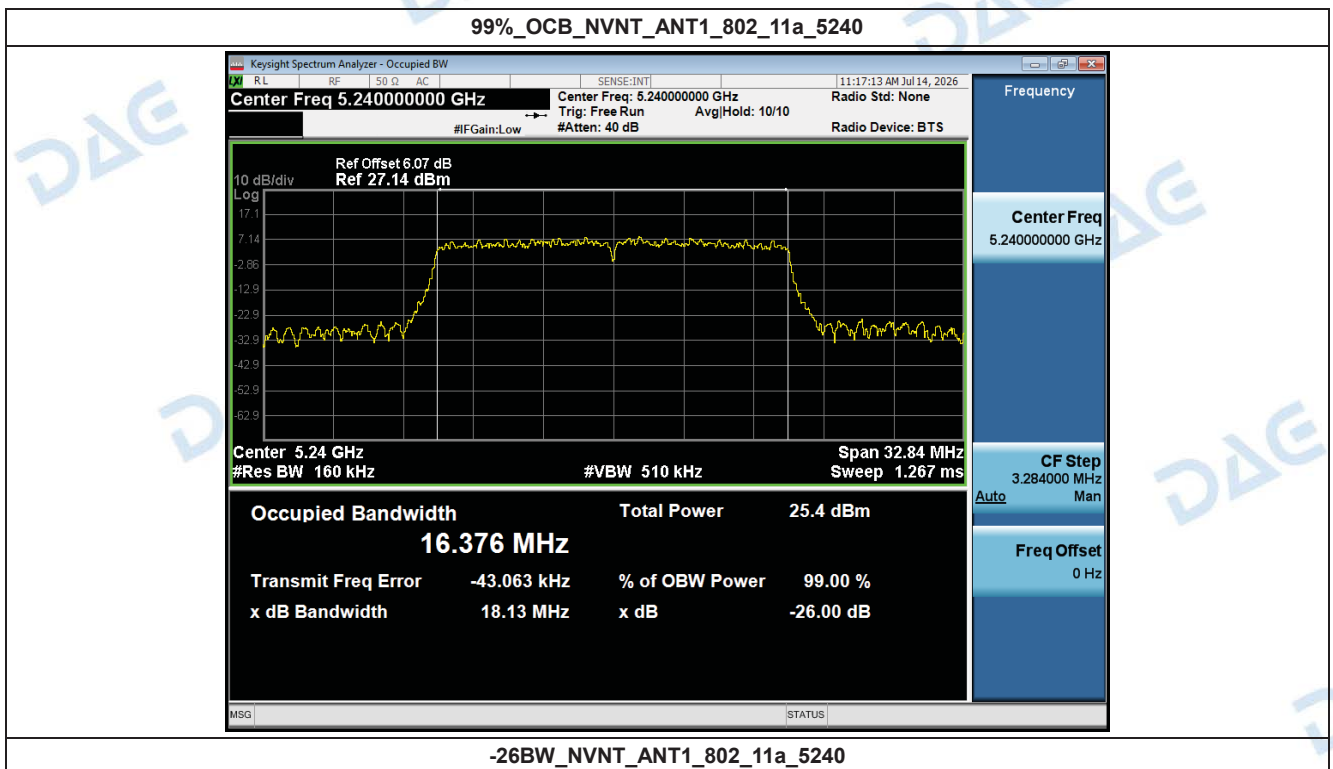
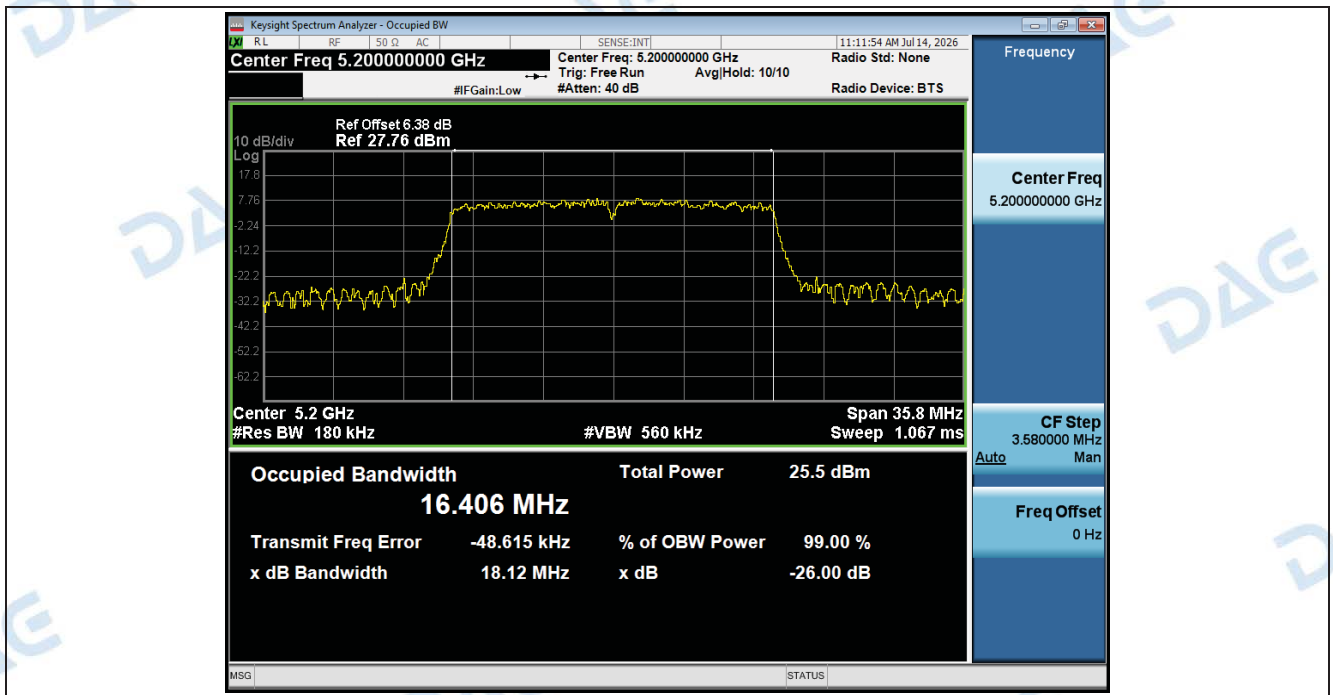
Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	18.11	16.34
NVNT	ANT1	802.11a	5200.00	18.12	16.36
NVNT	ANT1	802.11a	5240.00	18.30	16.38
NVNT	ANT1	802.11n(HT20)	5180.00	18.87	17.50
NVNT	ANT1	802.11n(HT20)	5200.00	18.94	17.49
NVNT	ANT1	802.11n(HT20)	5240.00	18.81	17.47
NVNT	ANT1	802.11n(HT40)	5190.00	38.35	35.79
NVNT	ANT1	802.11n(HT40)	5230.00	38.33	35.78

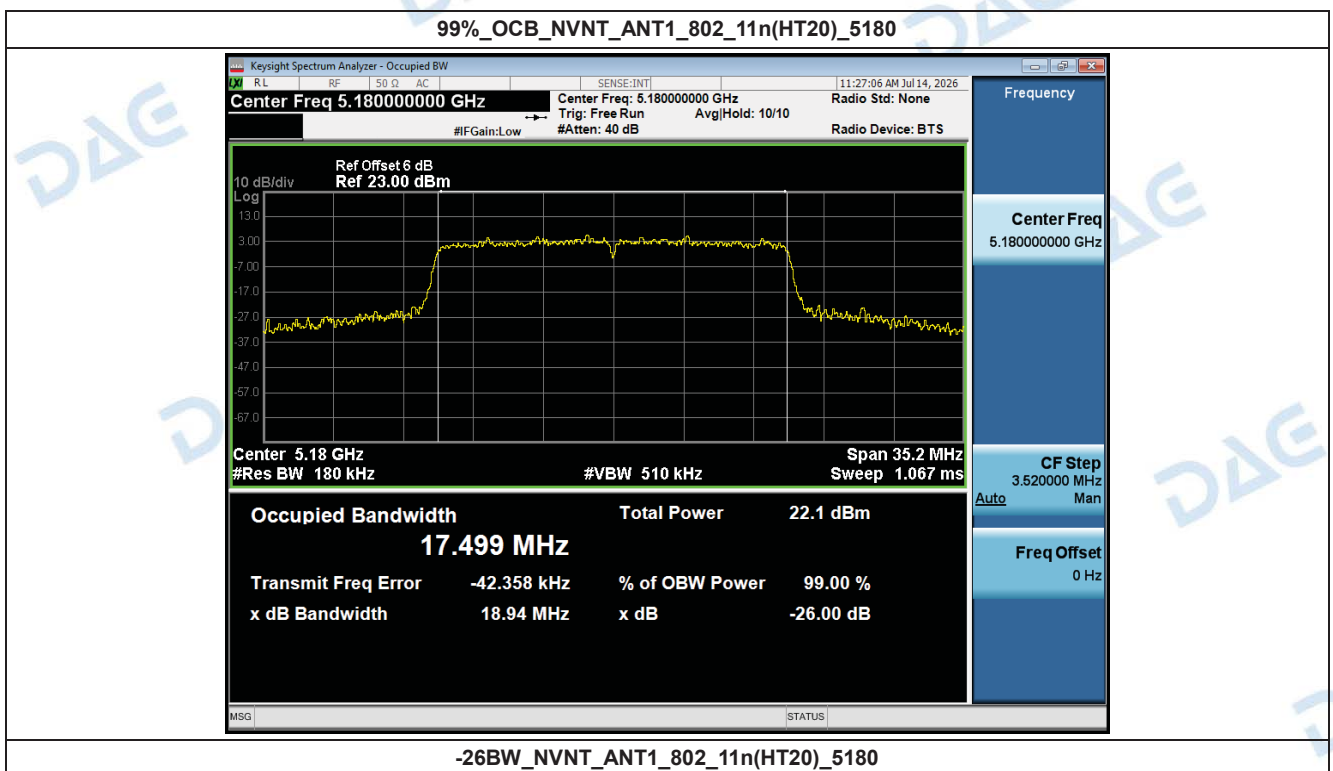
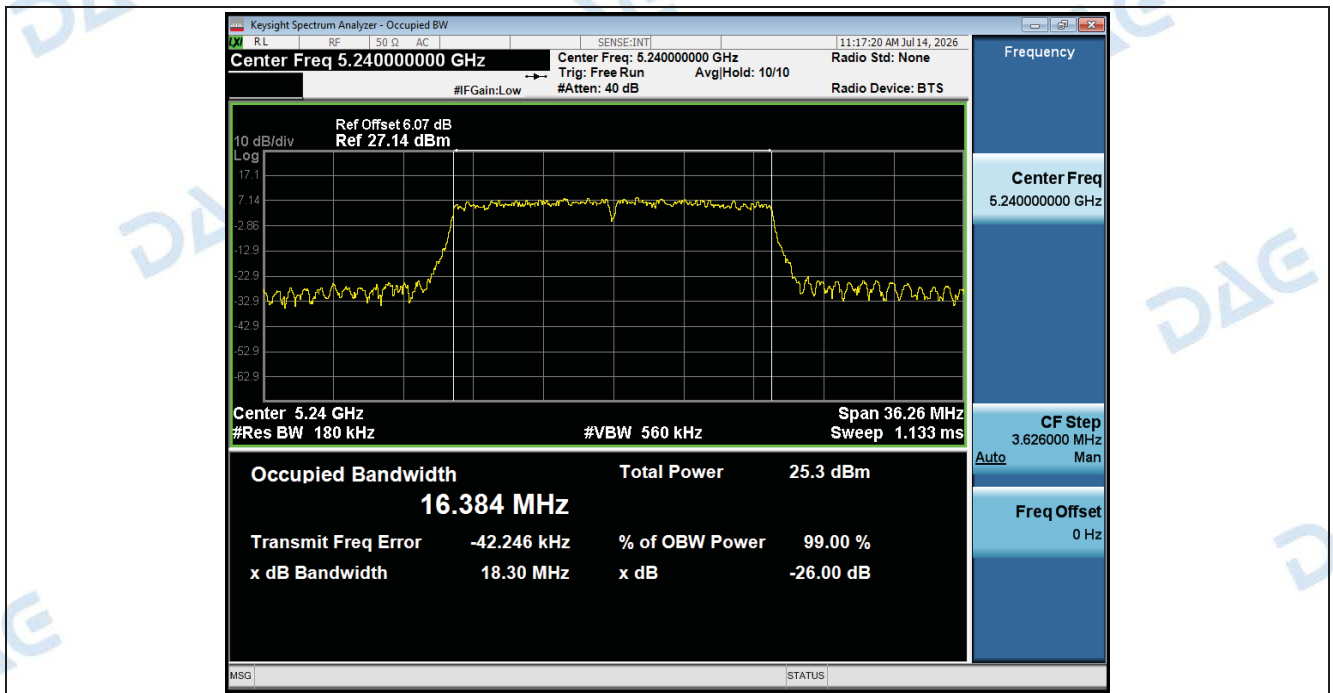
99%_OCB_NVNT_ANT1_802_11a_5180



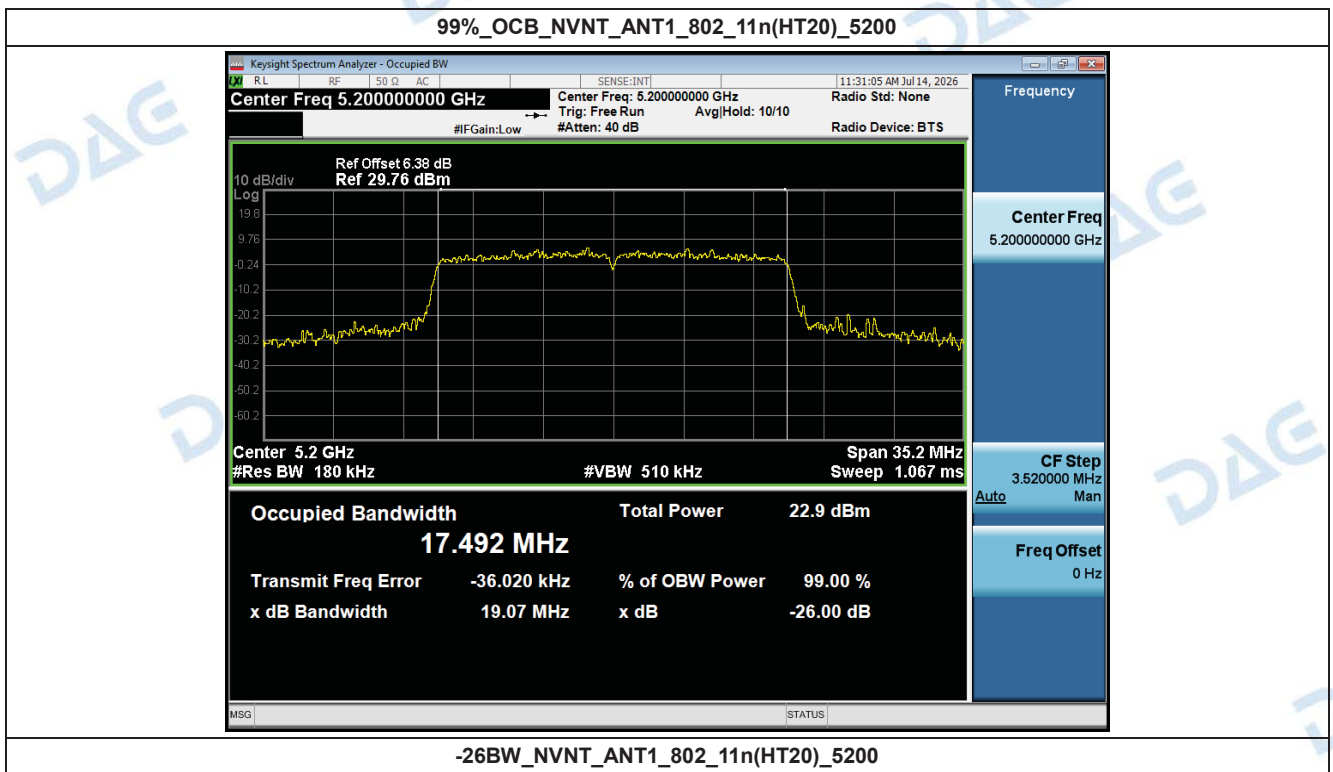
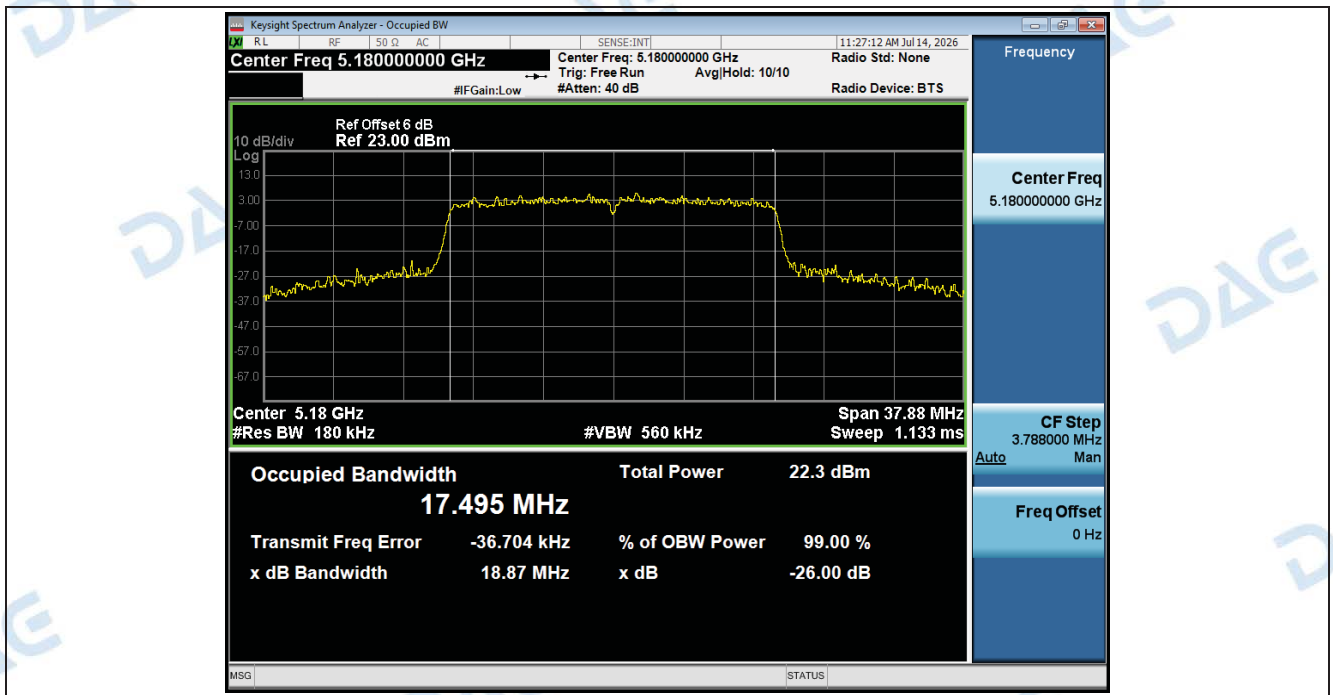
-26BW_NVNT_ANT1_802_11a_5180

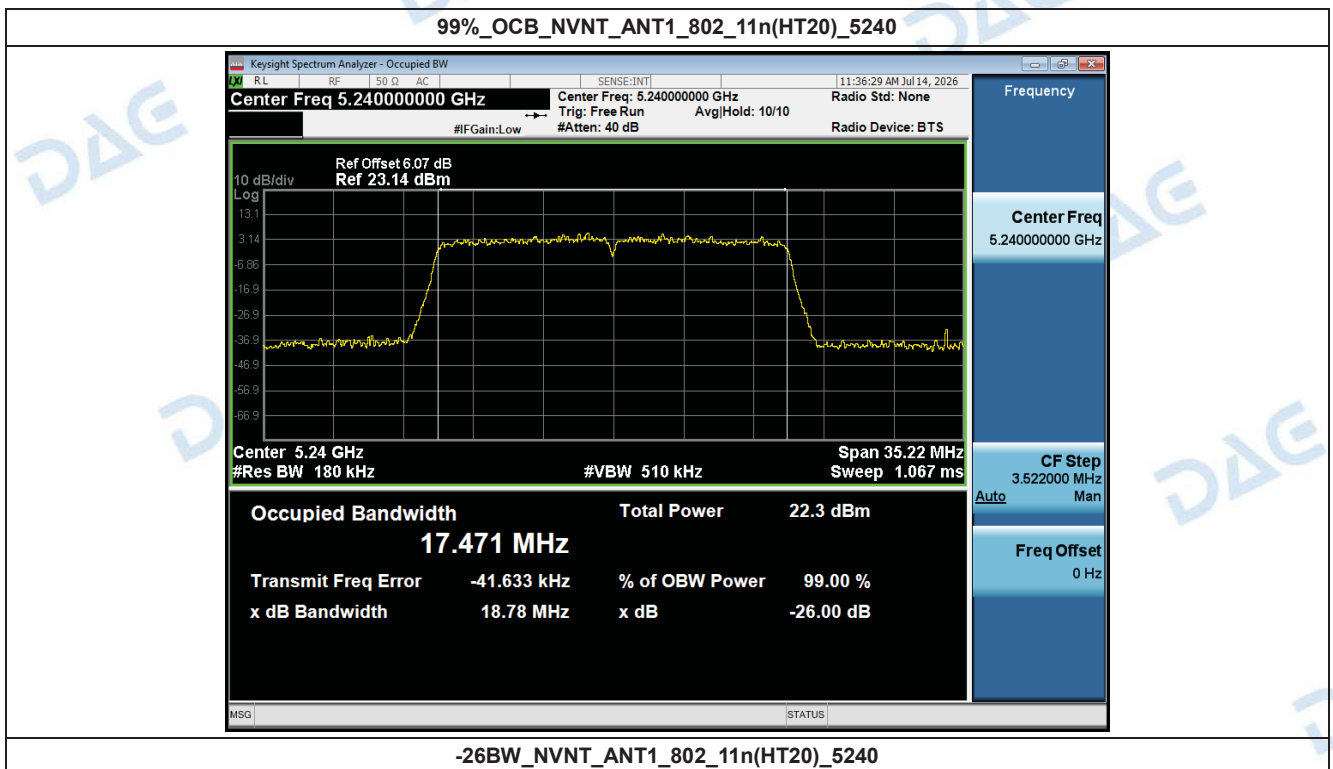
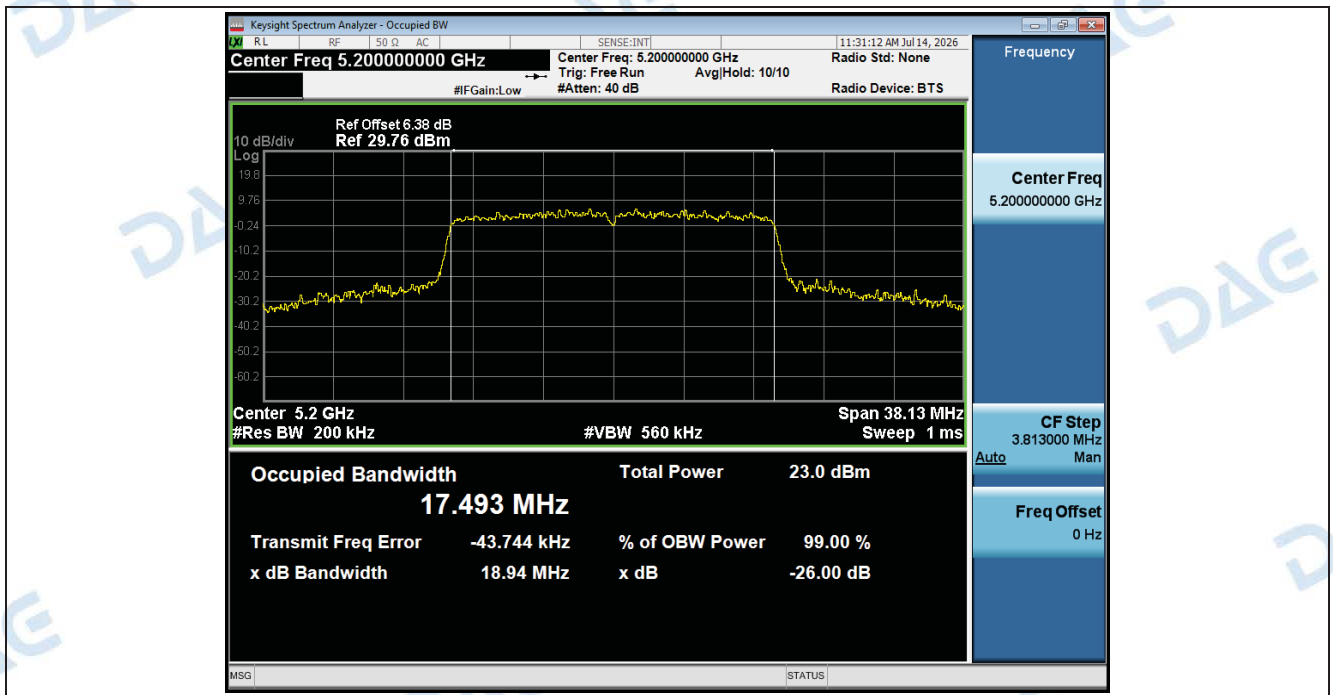




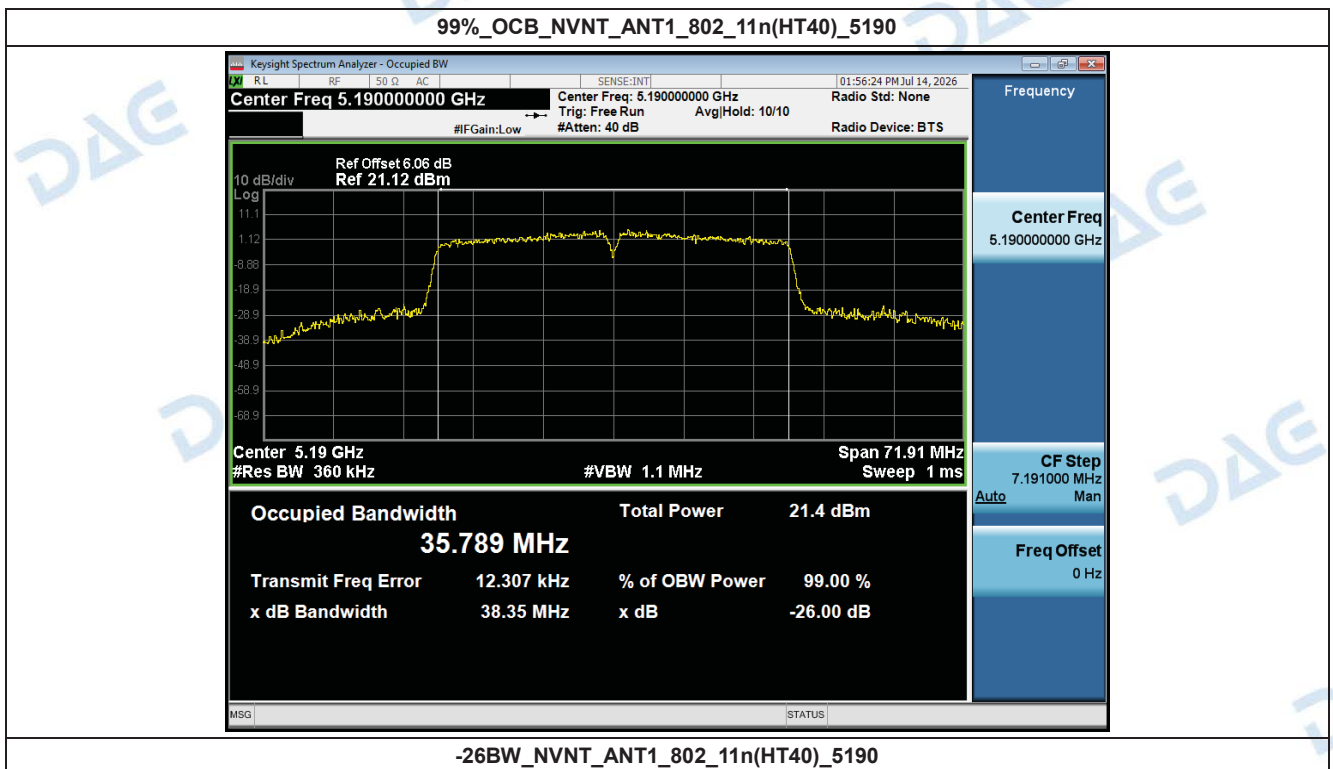
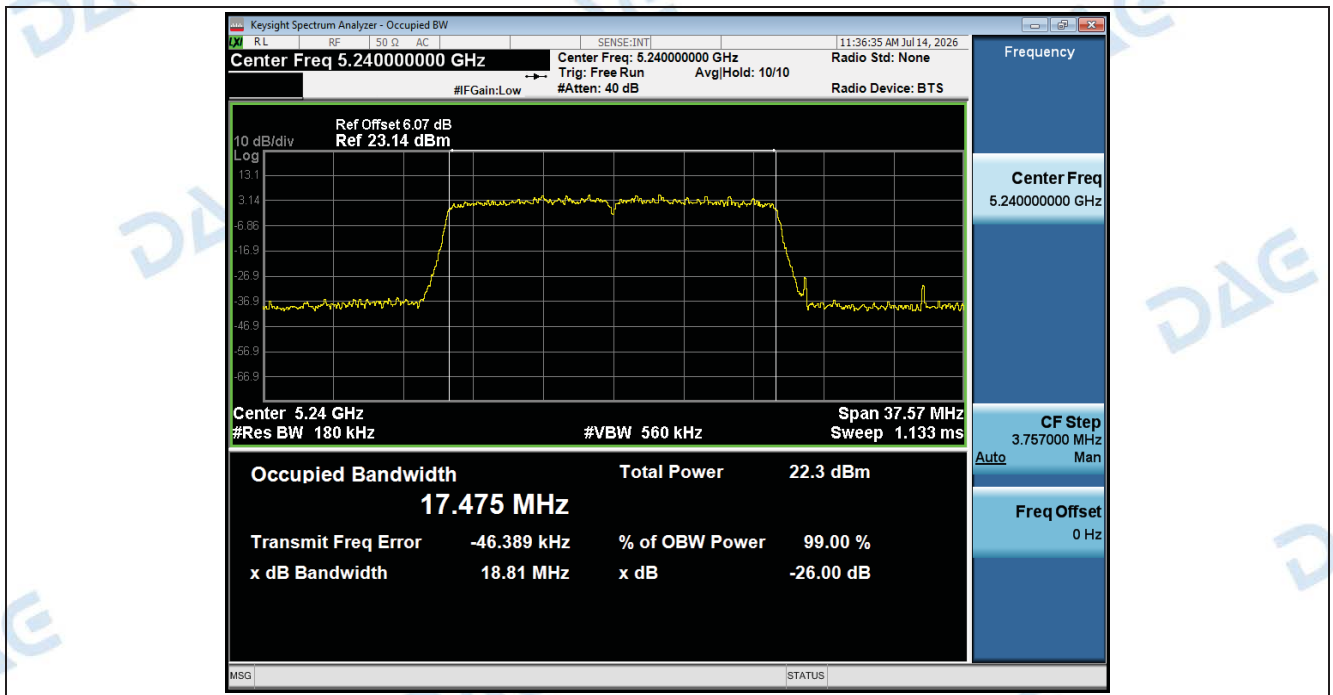


-26BW_NVNT_ANT1_802_11n(HT20)_5180

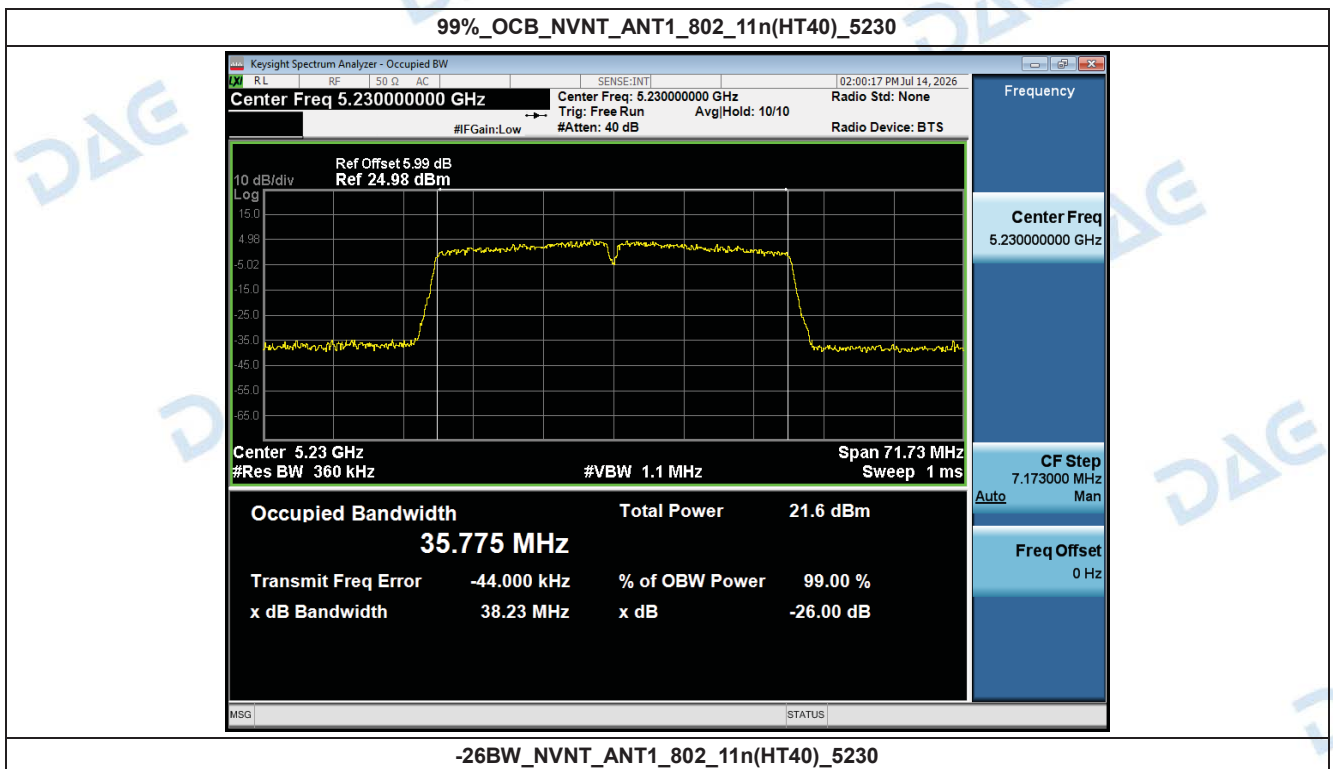
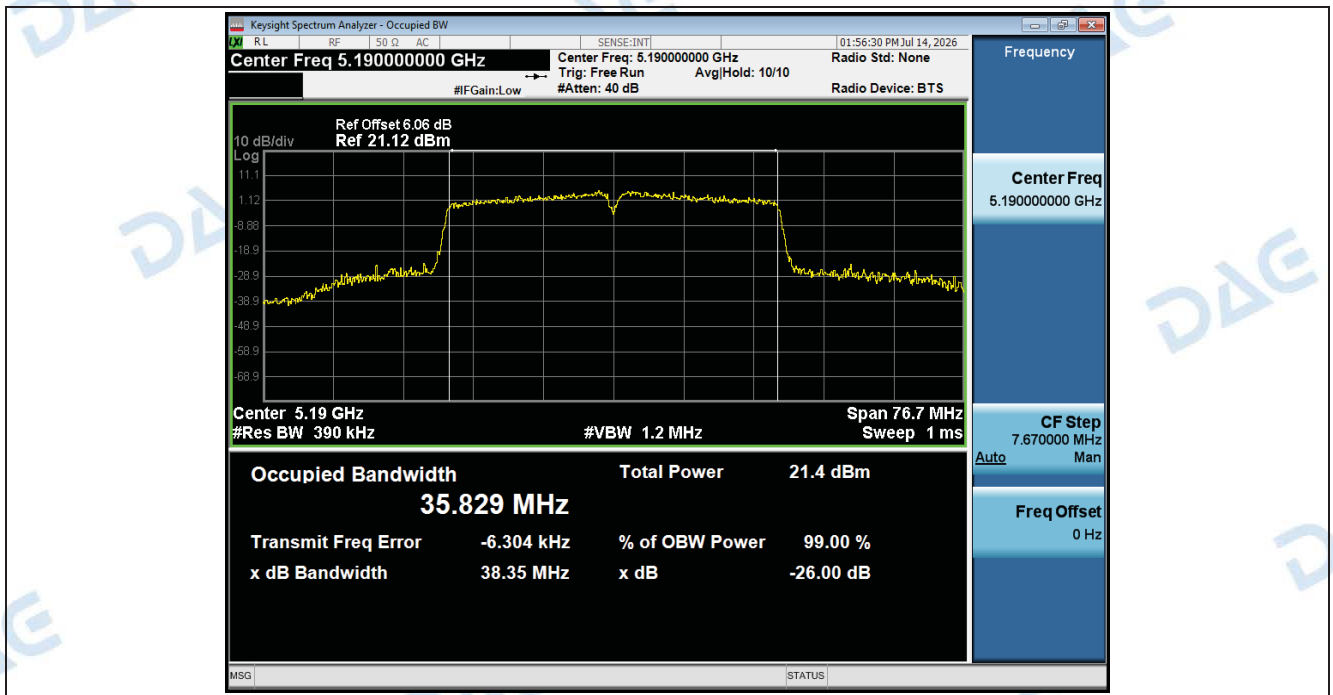




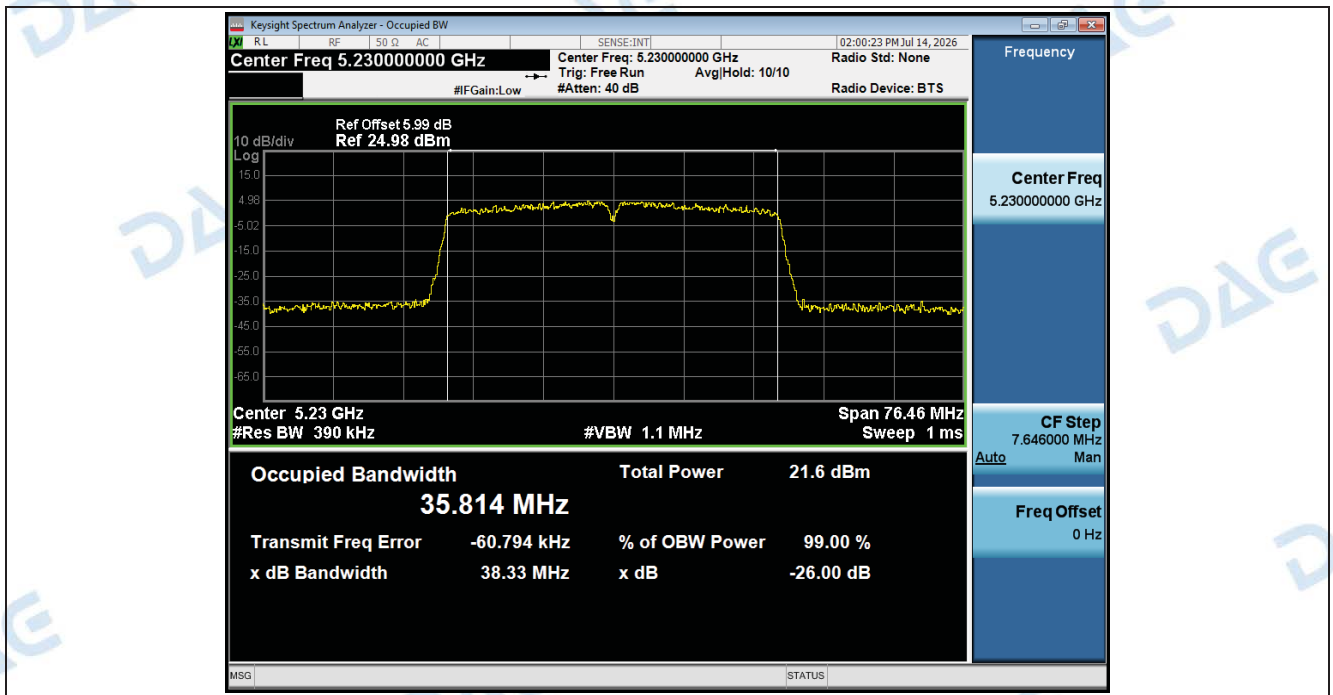
-26BW_NVNT_ANT1_802_11n(HT20)_5240



-26BW_NVNT_ANT1_802_11n(HT40)_5190



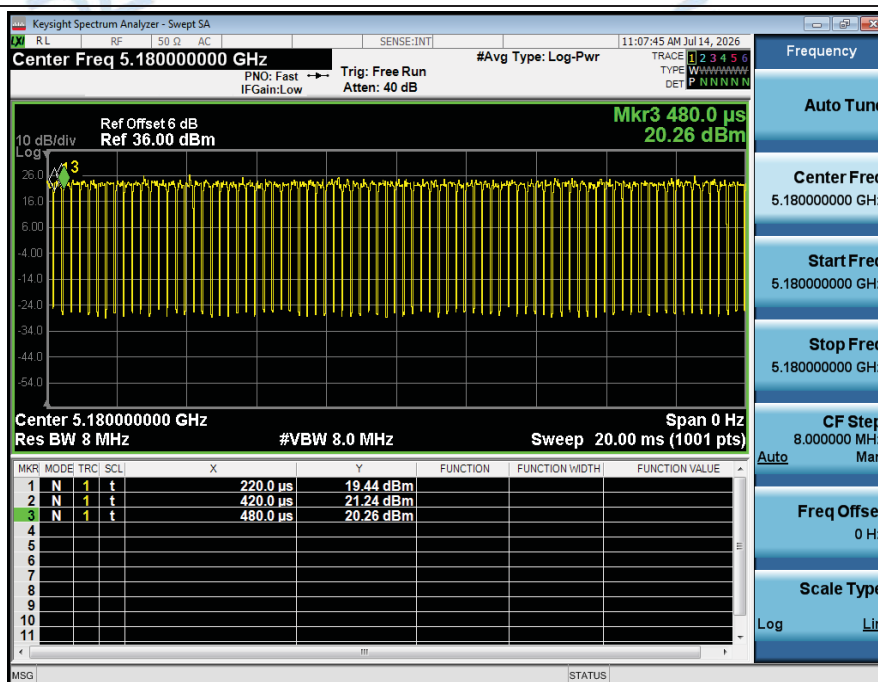
-26BW_NVNT_ANT1_802_11n(HT40)_5230



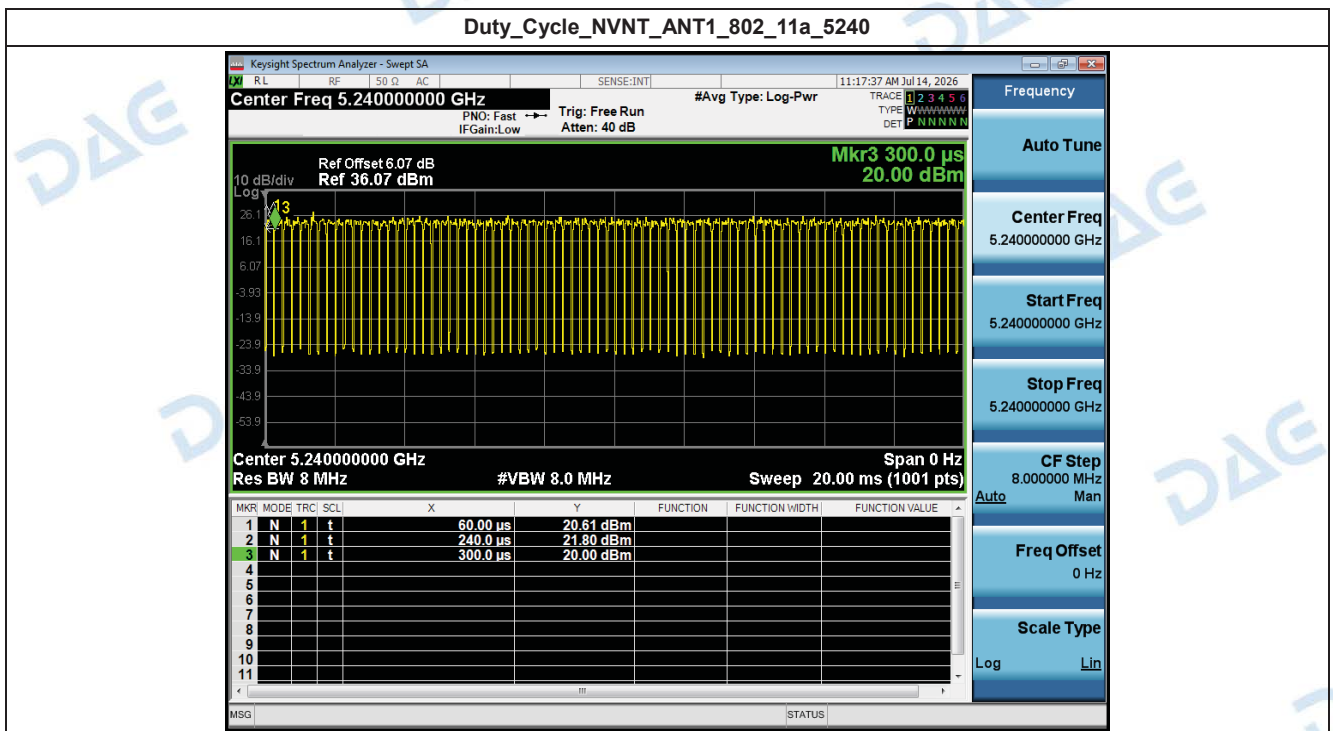
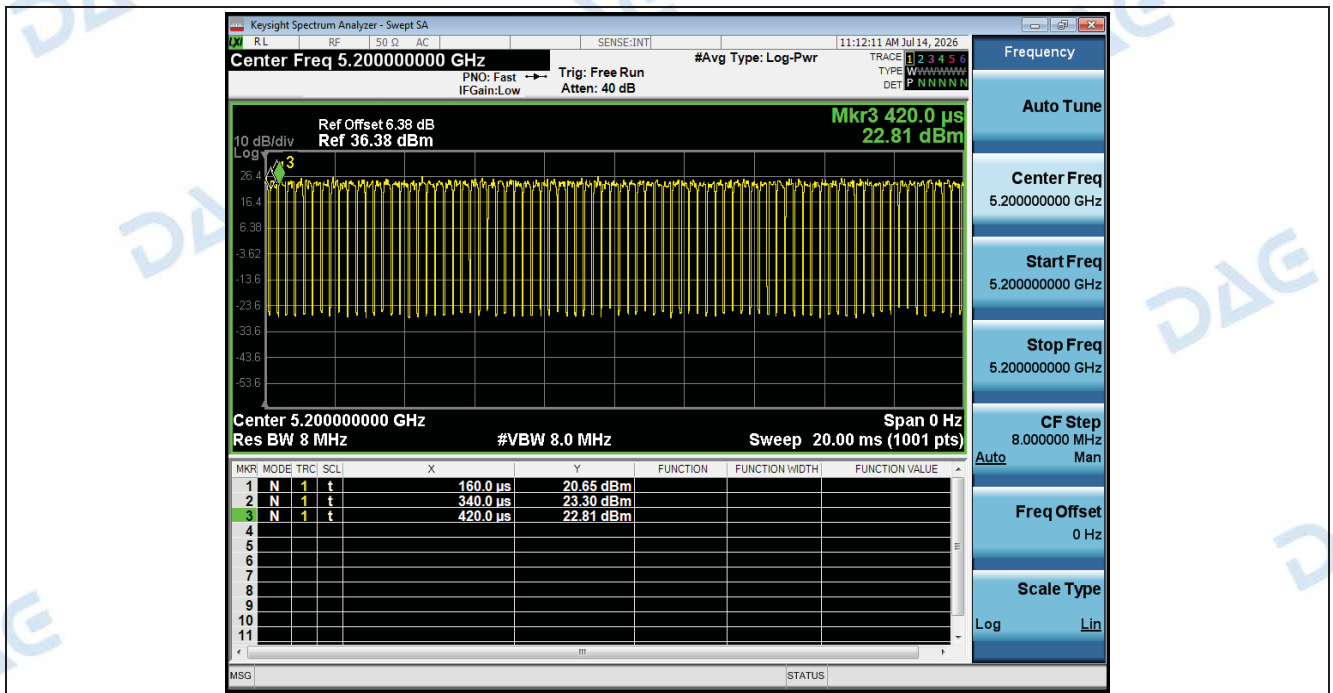
2. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	76.92	1.14
NVNT	ANT1	802.11a	5200.00	69.23	1.60
NVNT	ANT1	802.11a	5240.00	75.00	1.25
NVNT	ANT1	802.11n(HT20)	5180.00	94.20	0.26
NVNT	ANT1	802.11n(HT20)	5200.00	95.59	0.20
NVNT	ANT1	802.11n(HT20)	5240.00	95.59	0.20
NVNT	ANT1	802.11n(HT40)	5190.00	91.43	0.39
NVNT	ANT1	802.11n(HT40)	5230.00	88.89	0.51

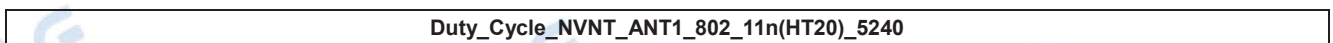
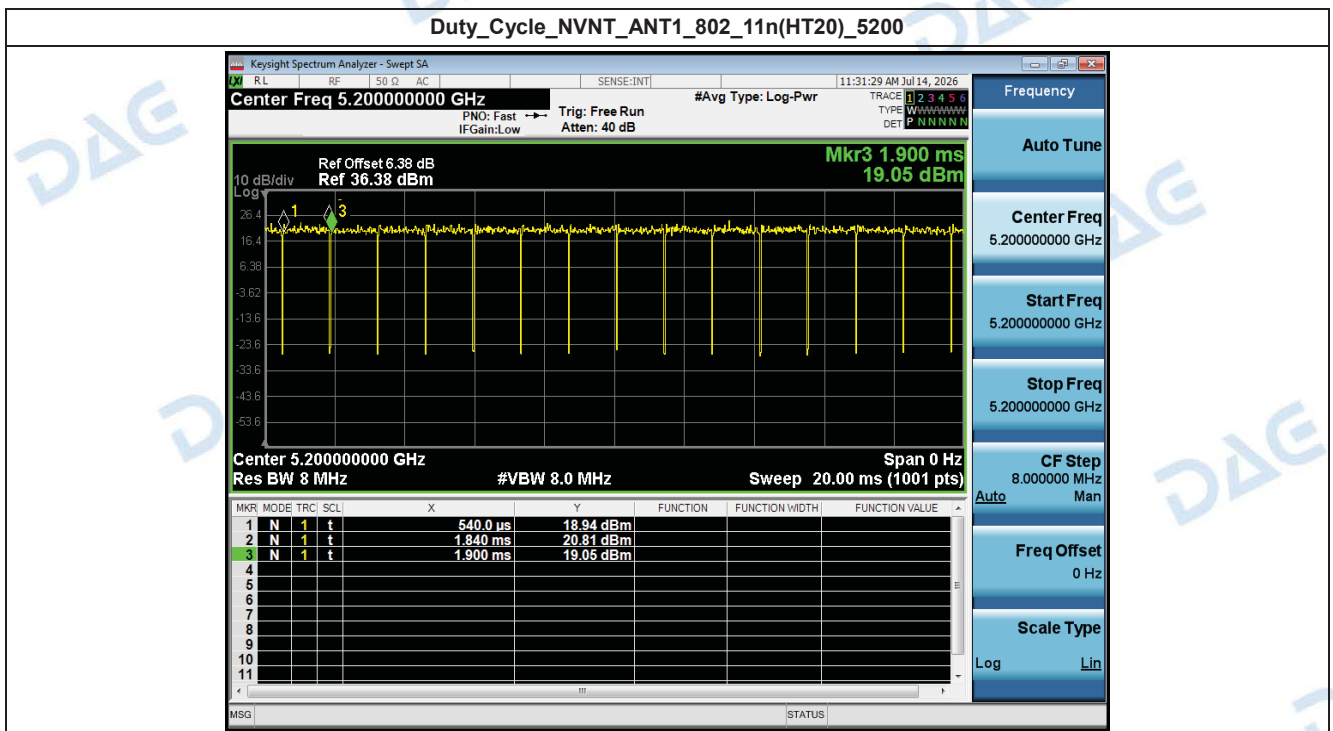
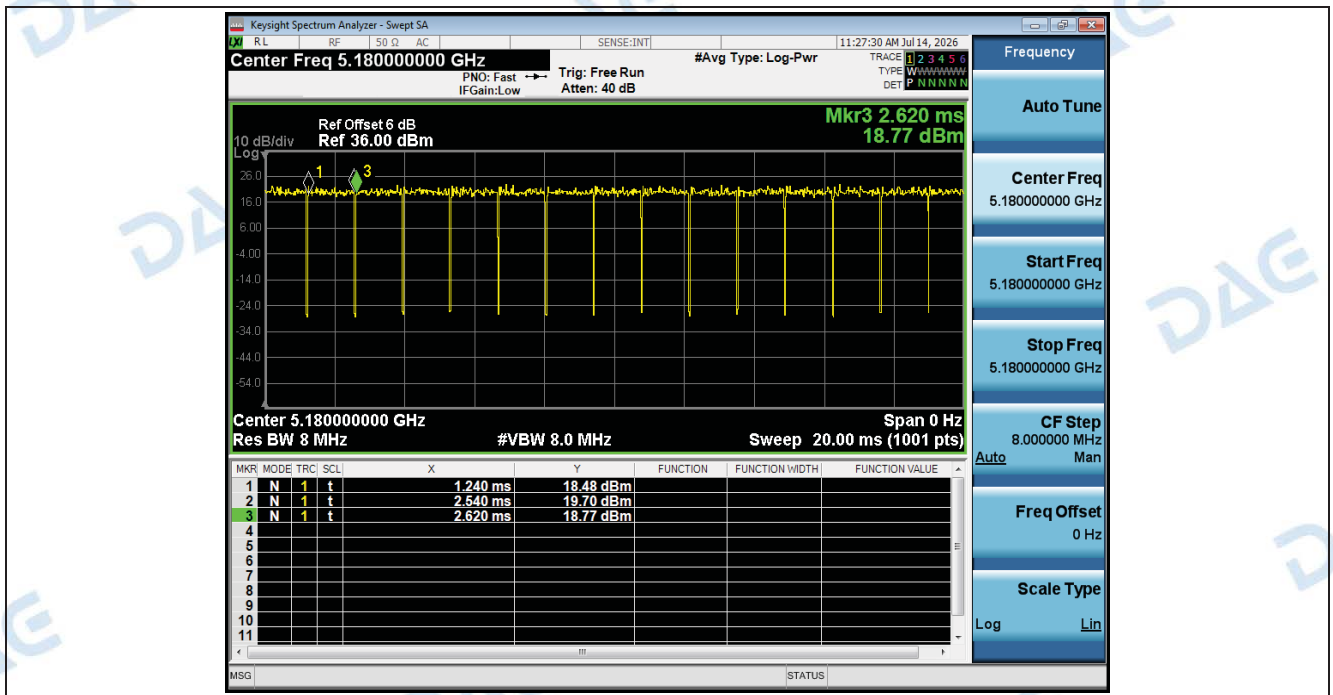
Duty_Cycle_NVNT_ANT1_802_11a_5180

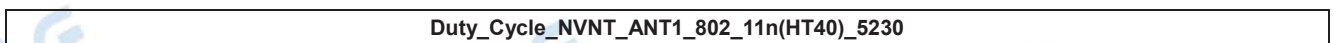
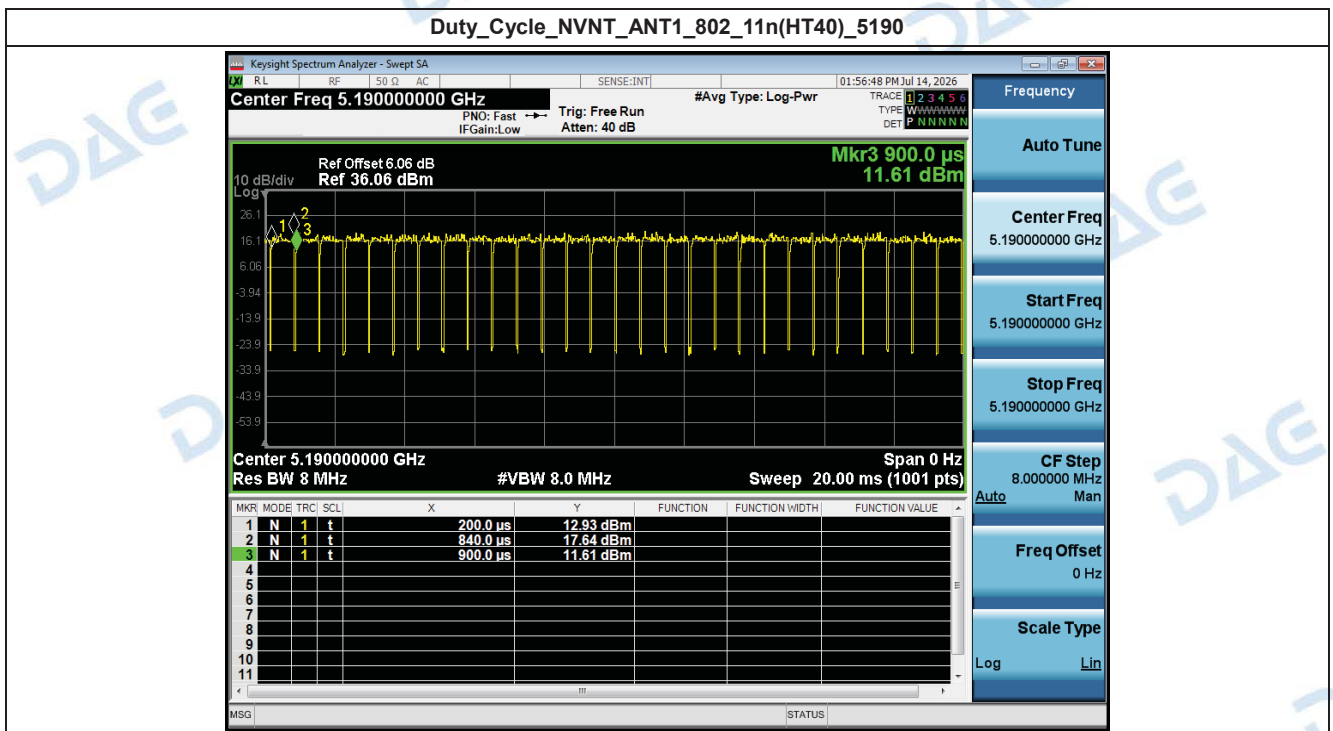
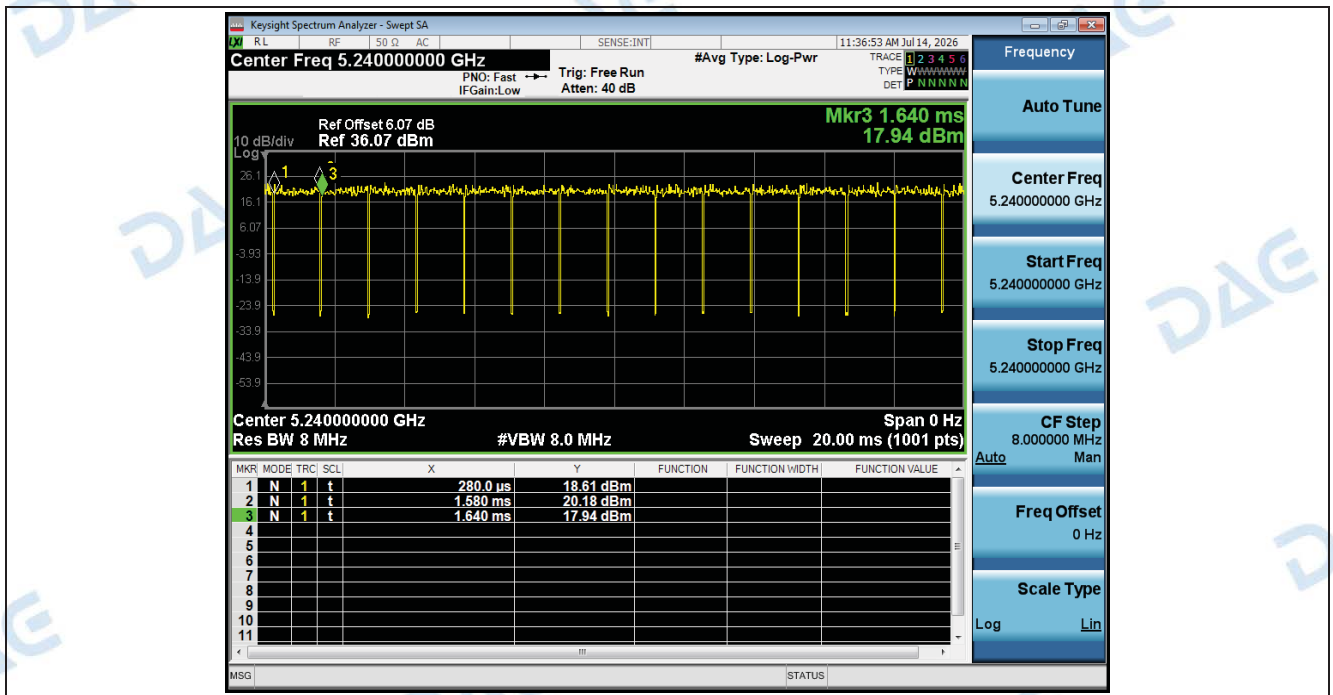


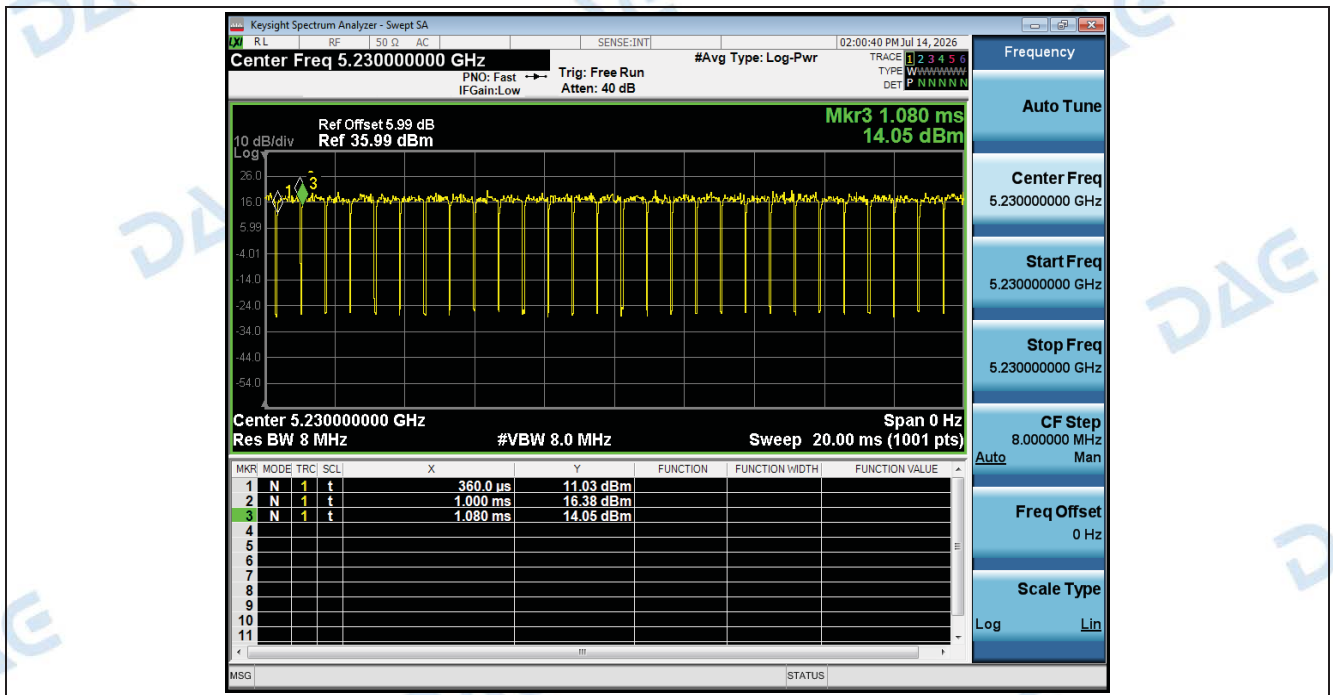
Duty_Cycle_NVNT_ANT1_802_11a_5200



Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5180



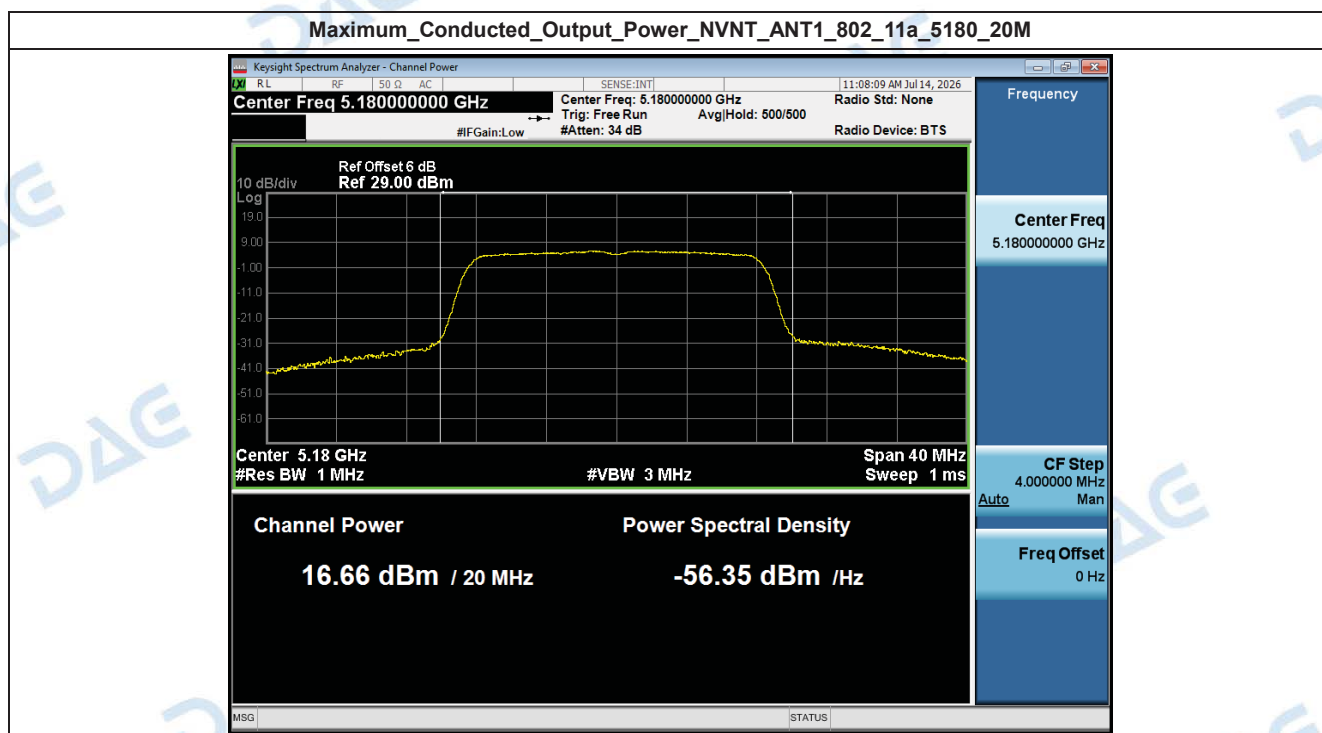




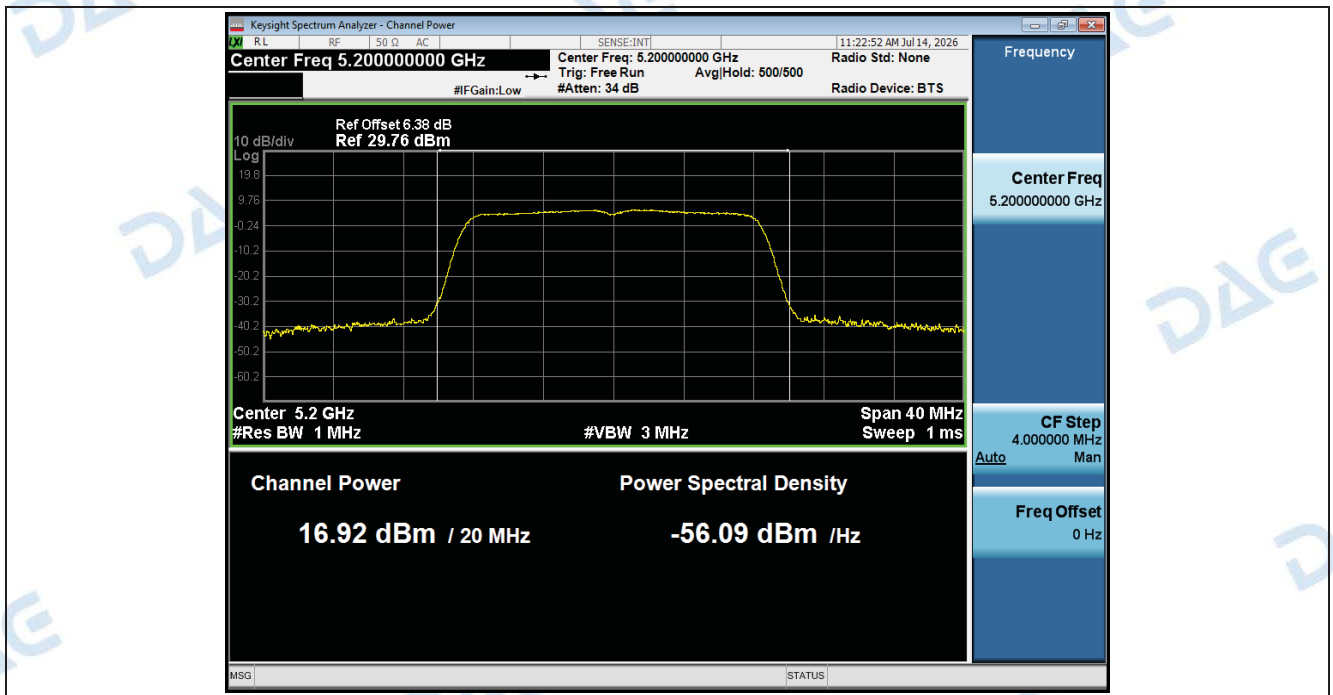
3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	16.66	1.14	17.80	24	Pass
NVNT	ANT1	802.11a	5200.00	16.92	1.60	18.52	24	Pass
NVNT	ANT1	802.11a	5240.00	16.56	1.25	17.81	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	15.94	0.00	15.94	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	15.60	0.20	15.80	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	15.54	0.20	15.74	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	14.40	0.00	14.40	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	14.62	0.51	15.13	24	Pass

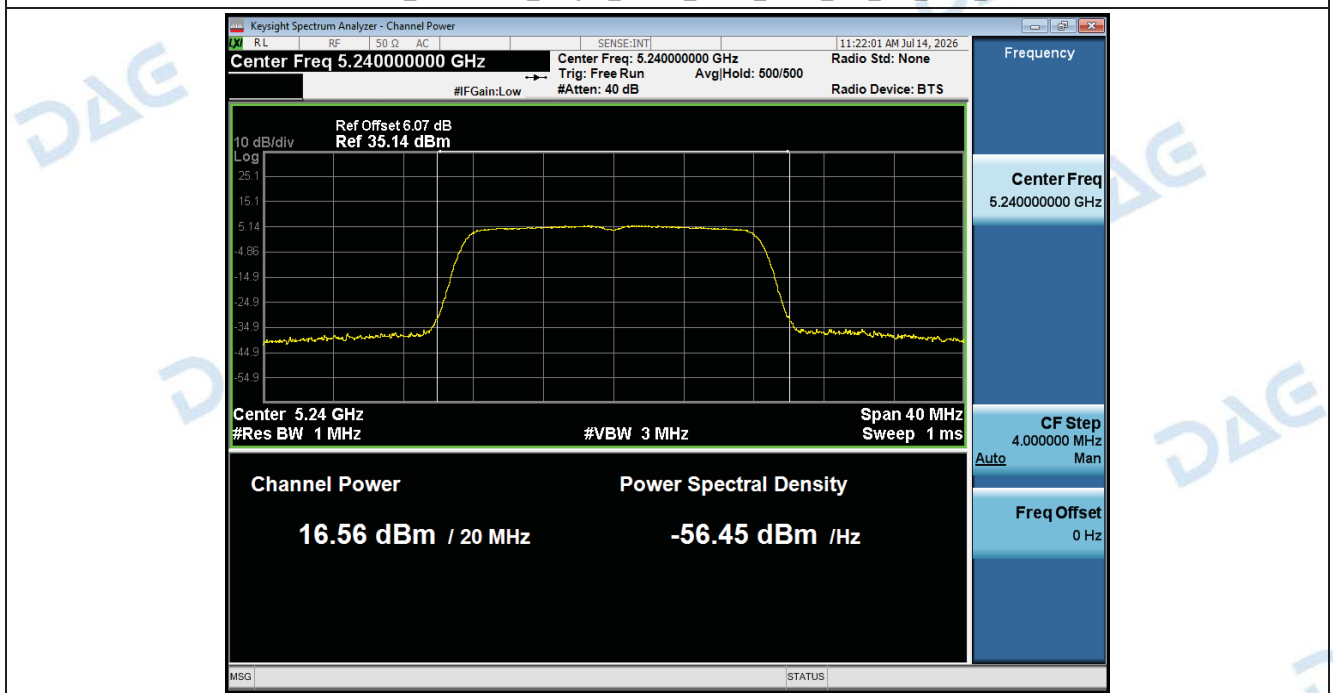
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5180_20M



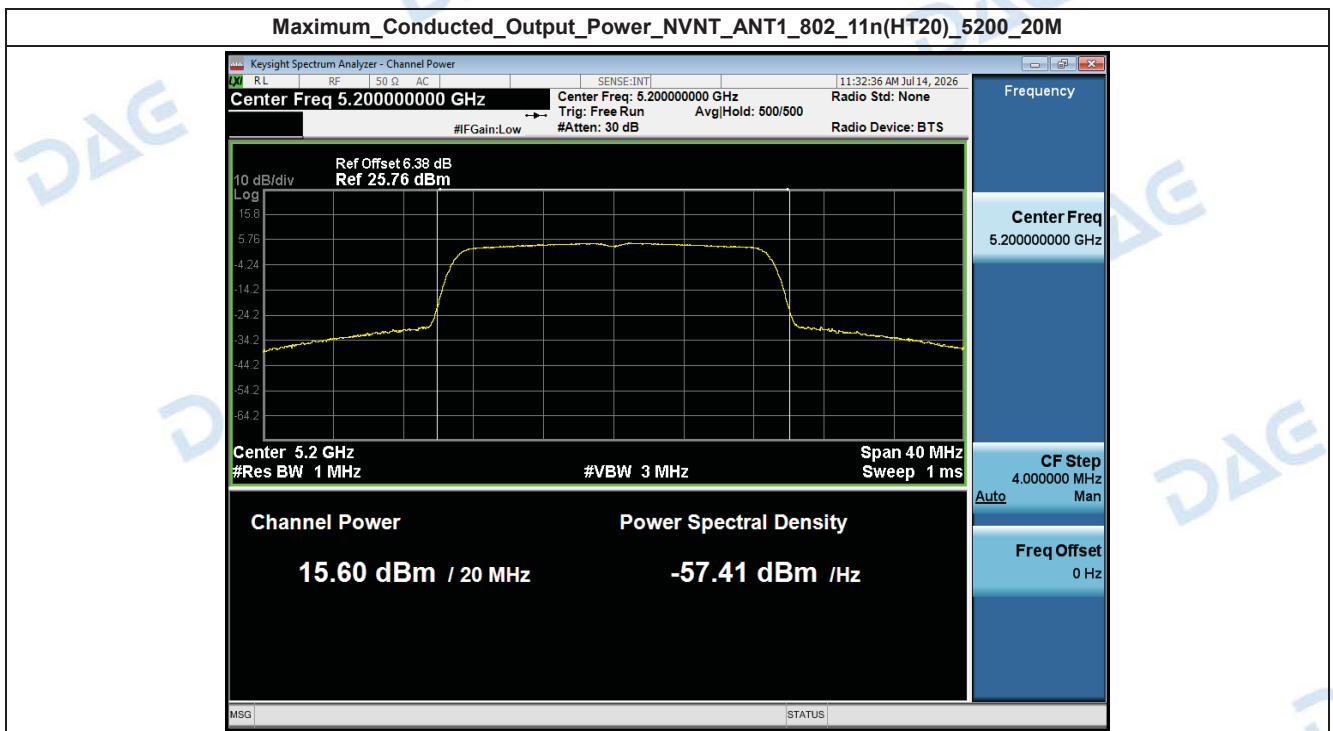
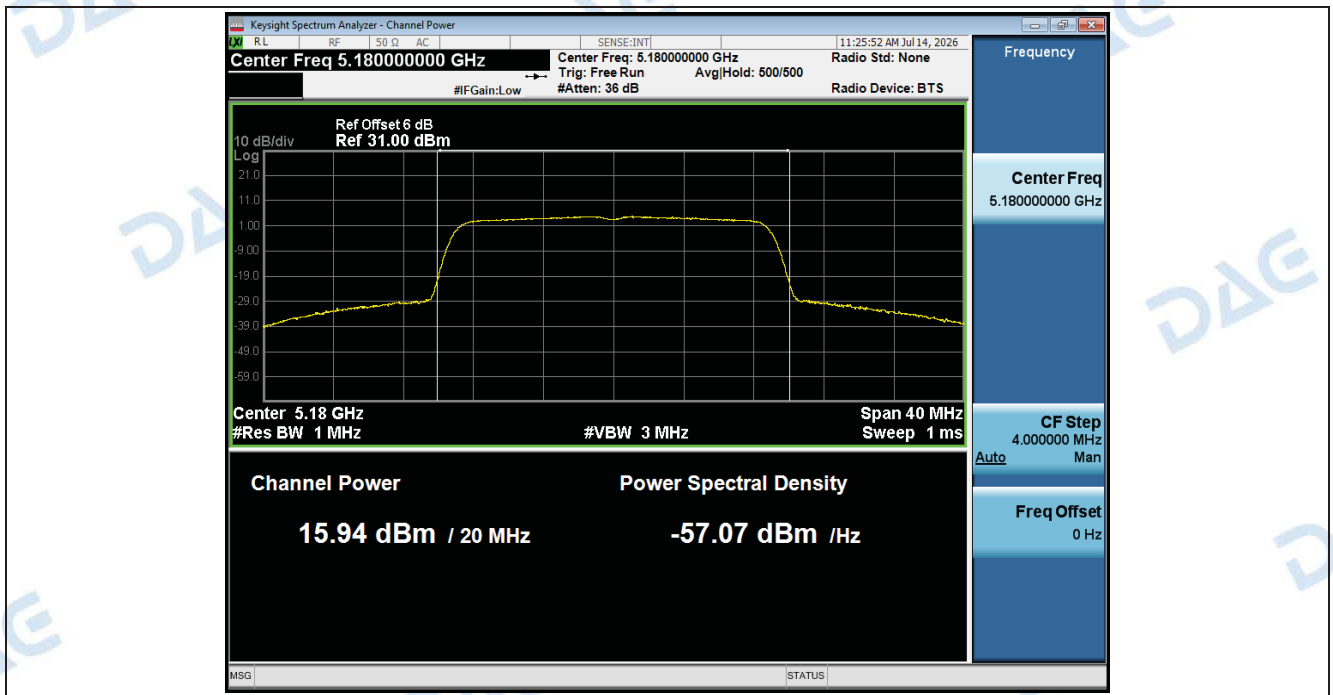
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5200_20M



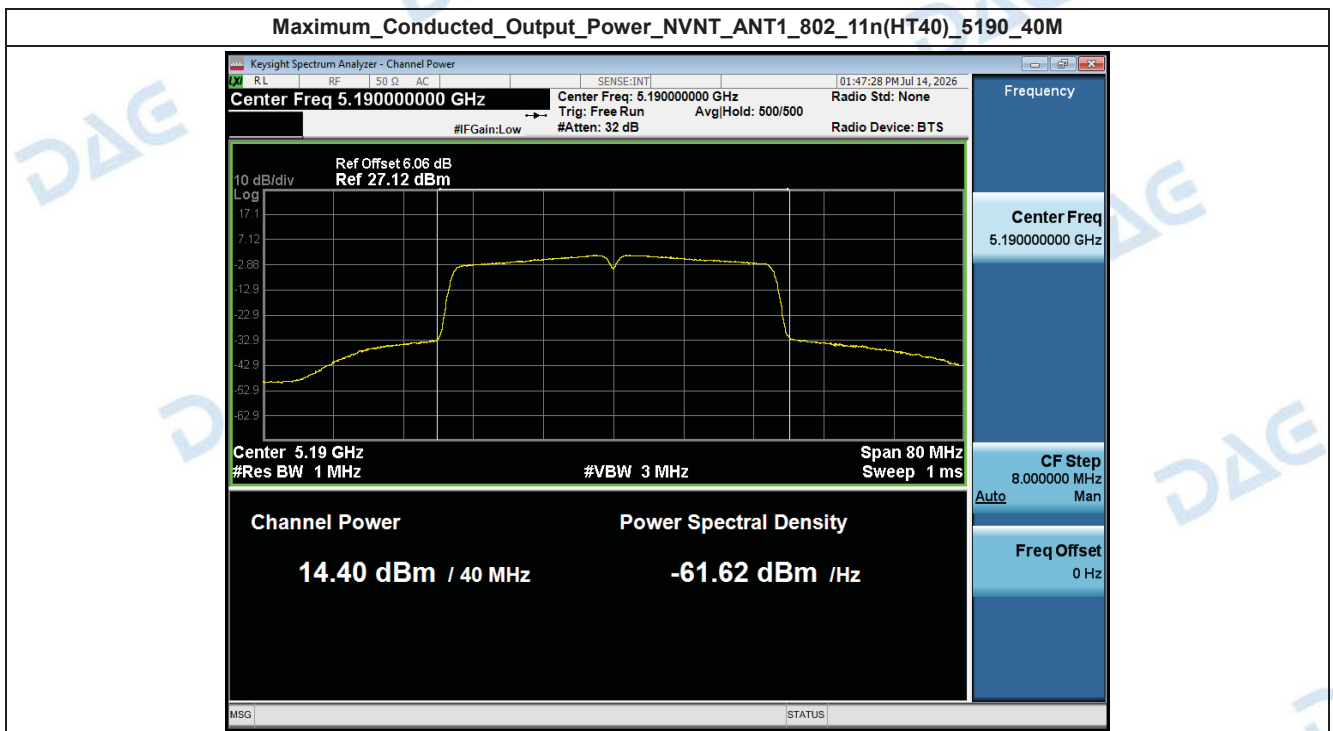
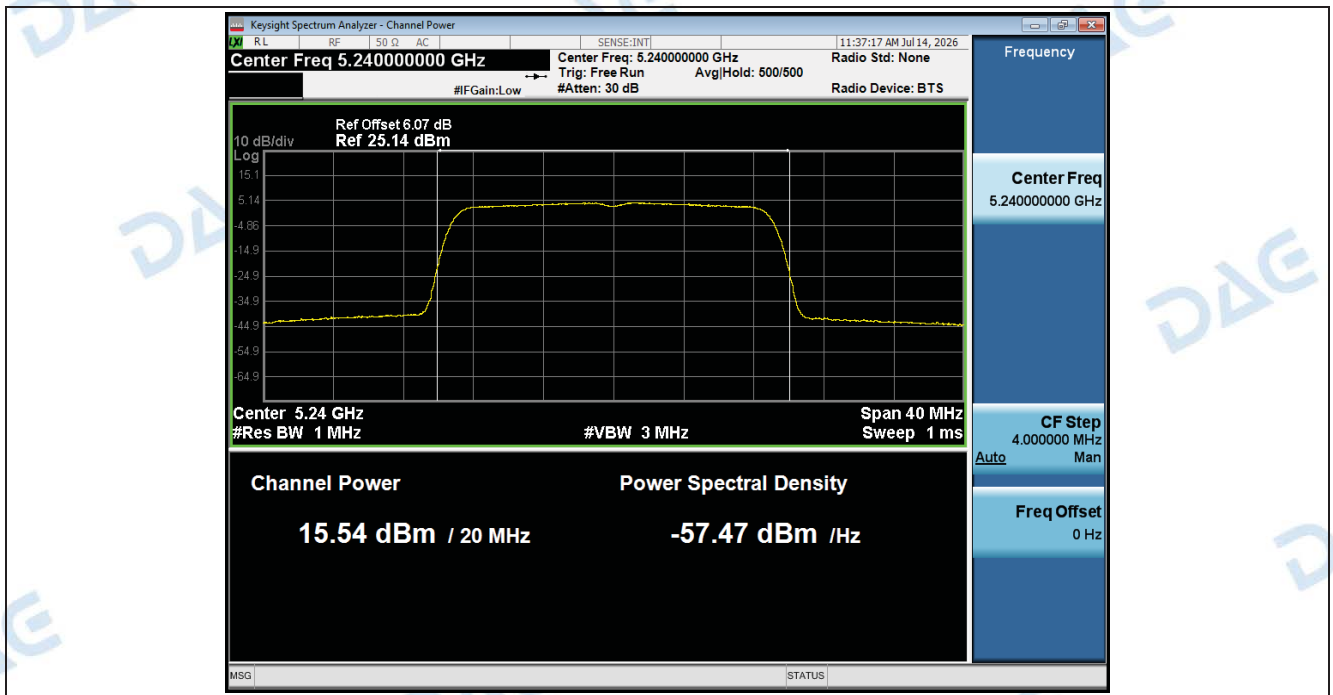
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5240_20M



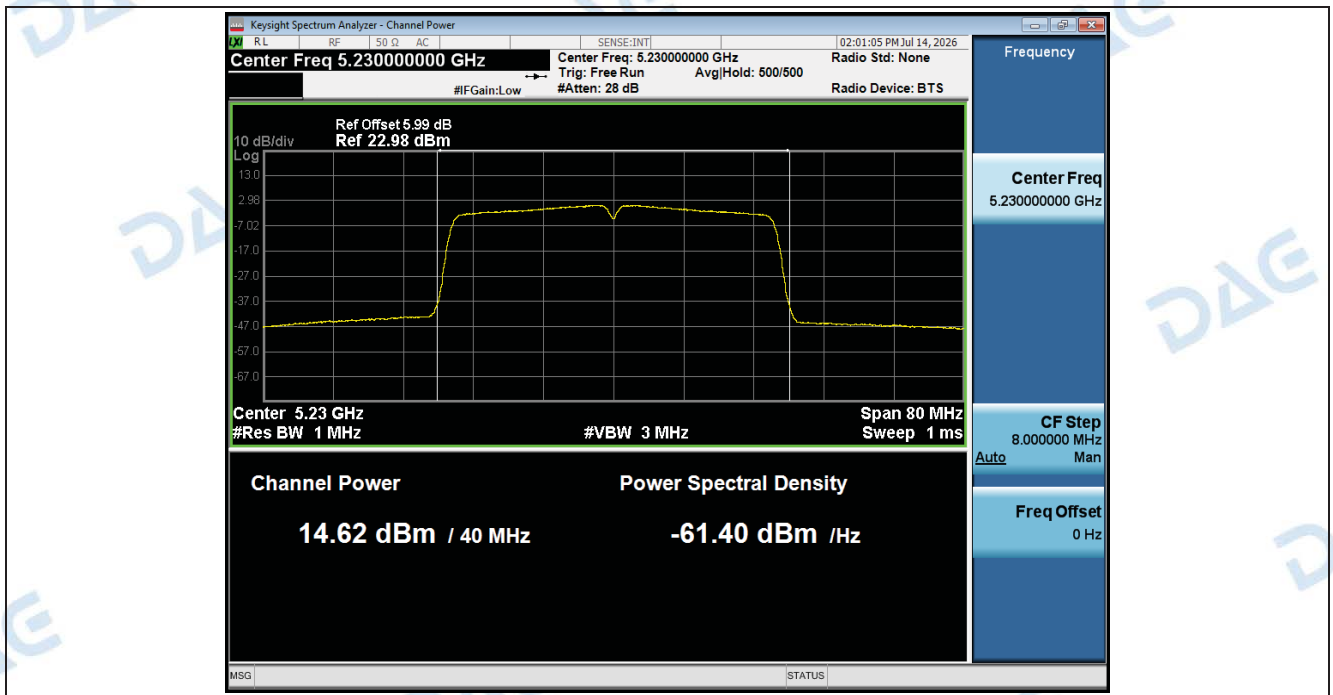
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5180_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5240_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5230_40M



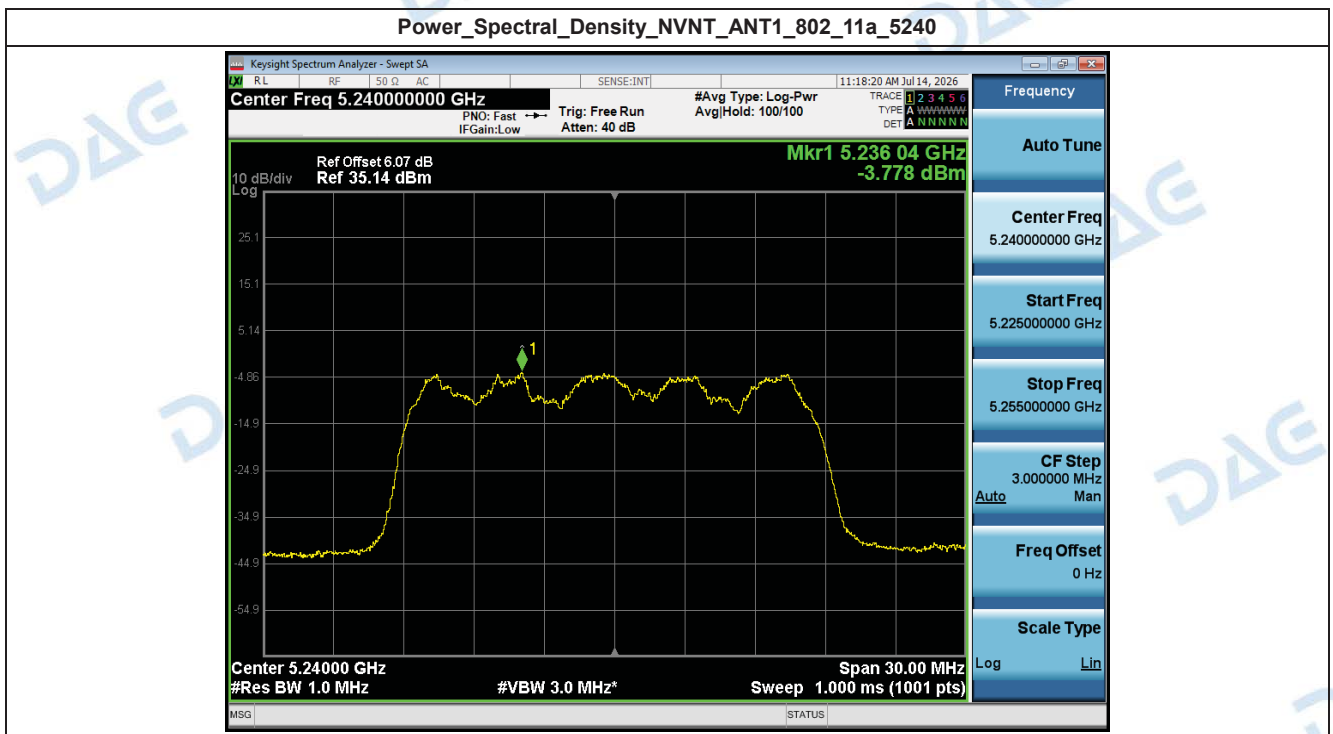
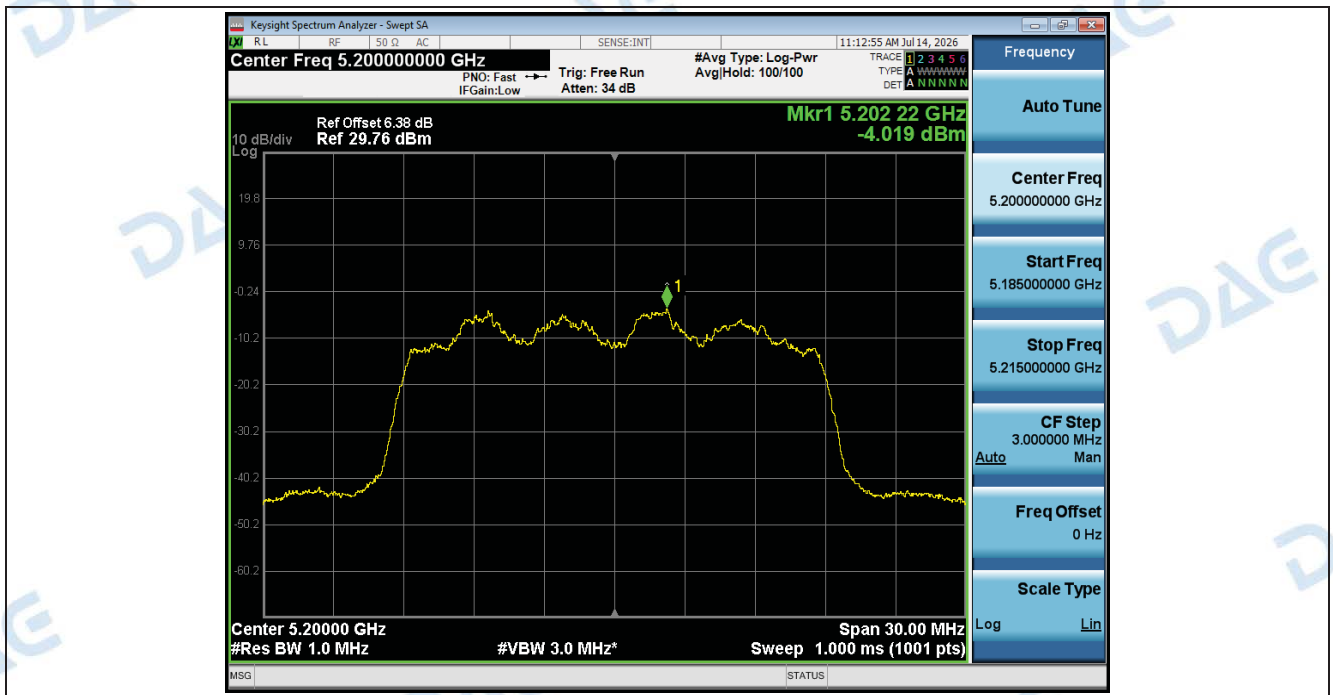
4. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-5.21	1.14	-4.07	11	Pass
NVNT	ANT1	802.11a	5200.00	-4.02	1.60	-2.42	11	Pass
NVNT	ANT1	802.11a	5240.00	-3.78	1.25	-2.53	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	1.14	0.26	1.40	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	0.70	0.20	0.90	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	0.79	0.20	0.99	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-3.91	0.39	-3.52	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-3.67	0.51	-3.16	11	Pass

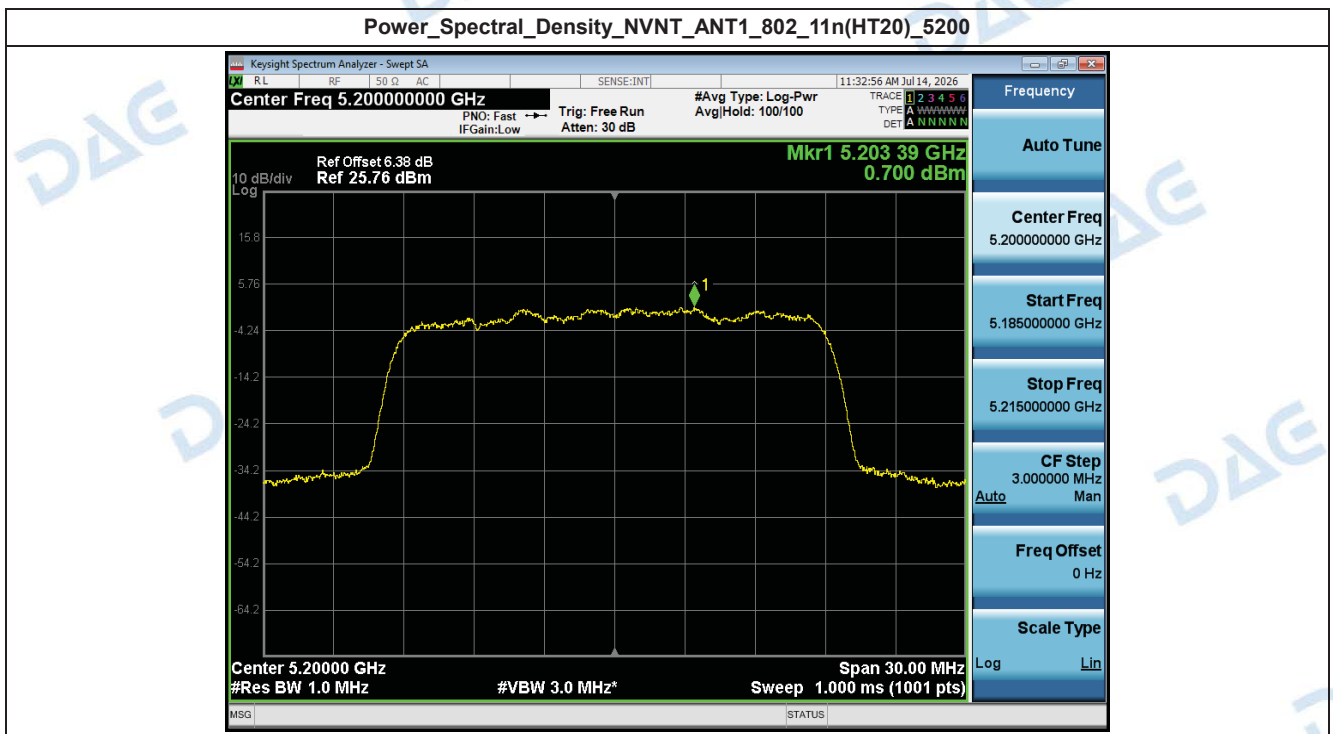
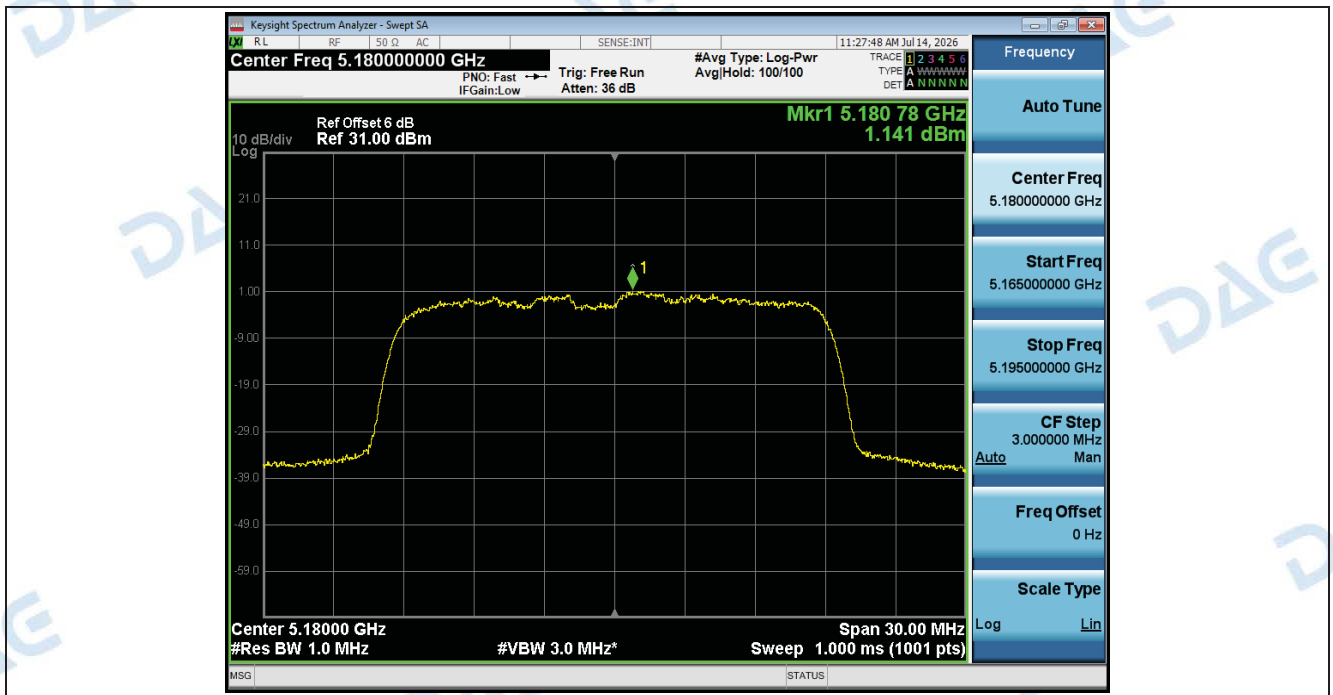
Power_Spectral_Density_NVNT_ANT1_802_11a_5180



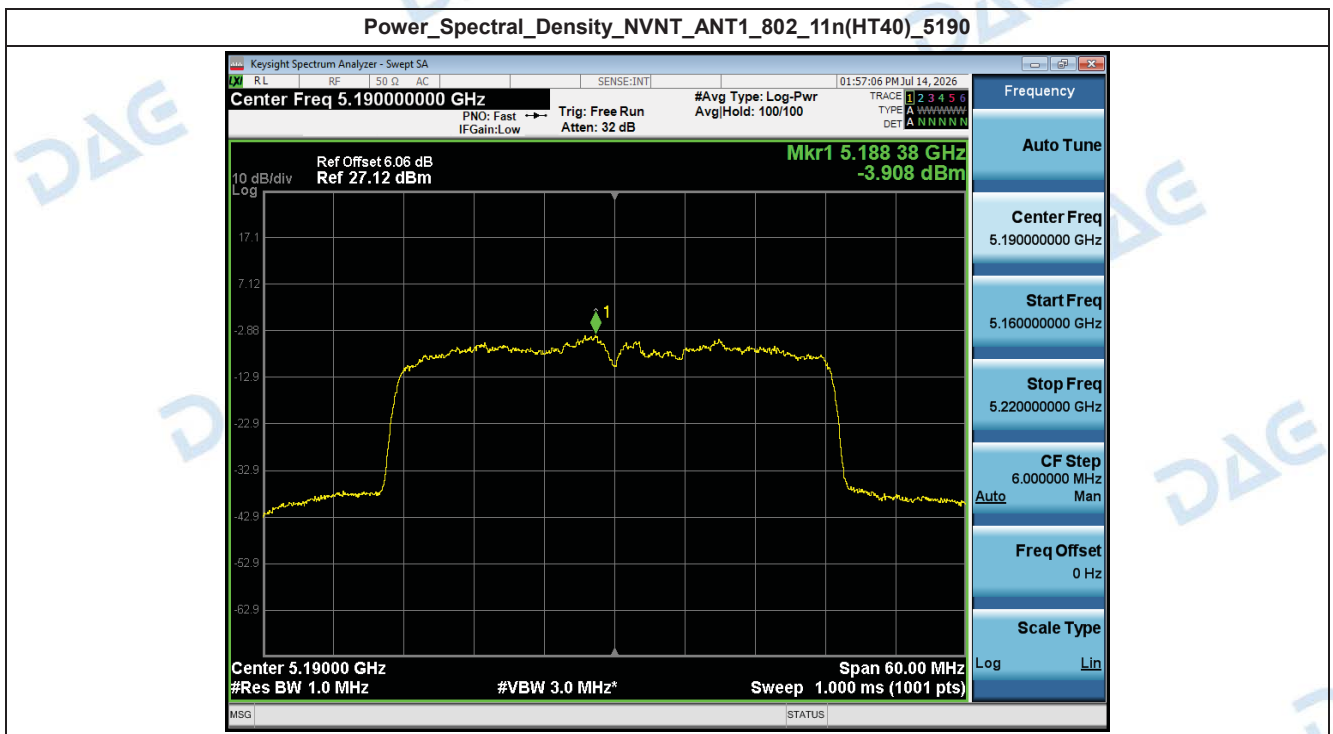
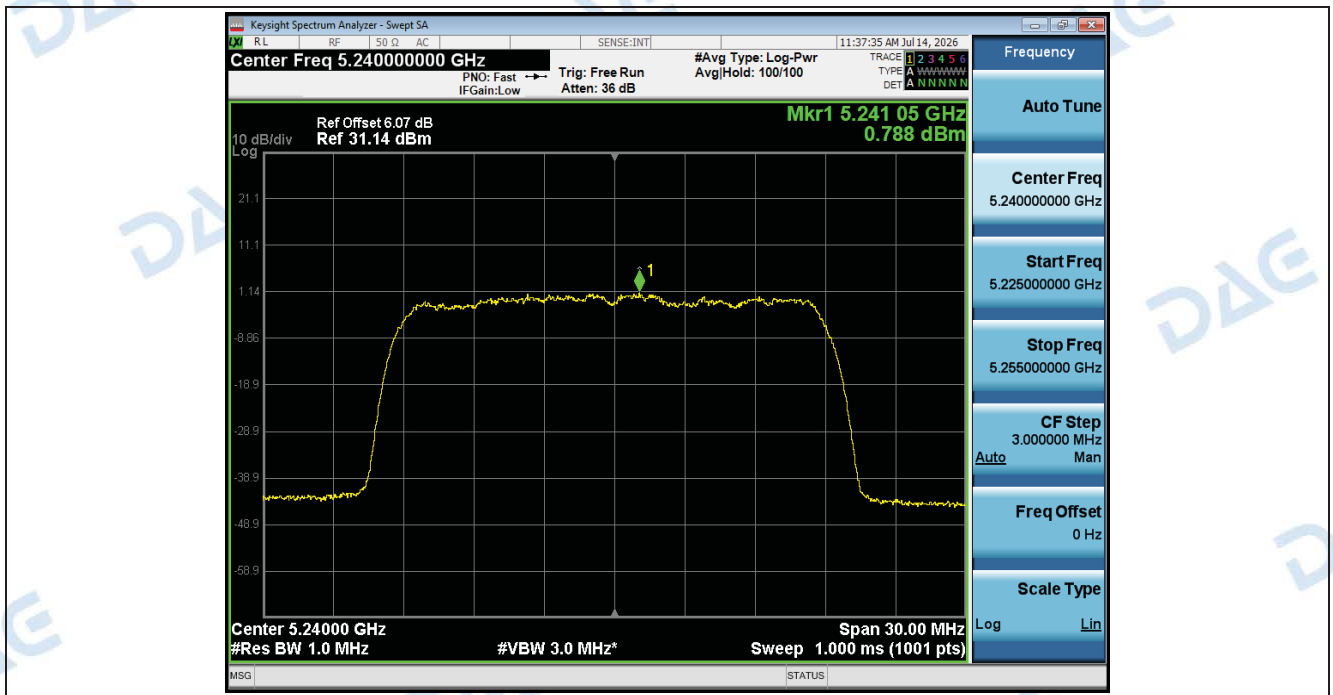
Power_Spectral_Density_NVNT_ANT1_802_11a_5200

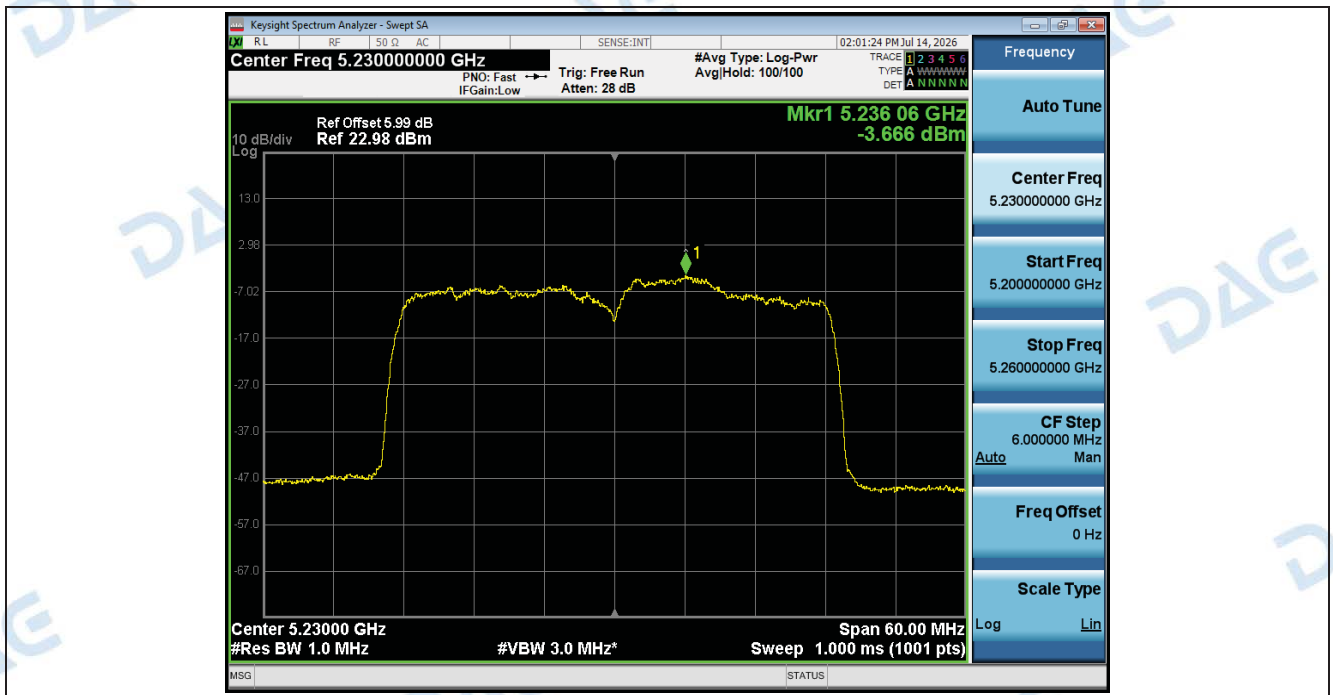


Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5180



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5240

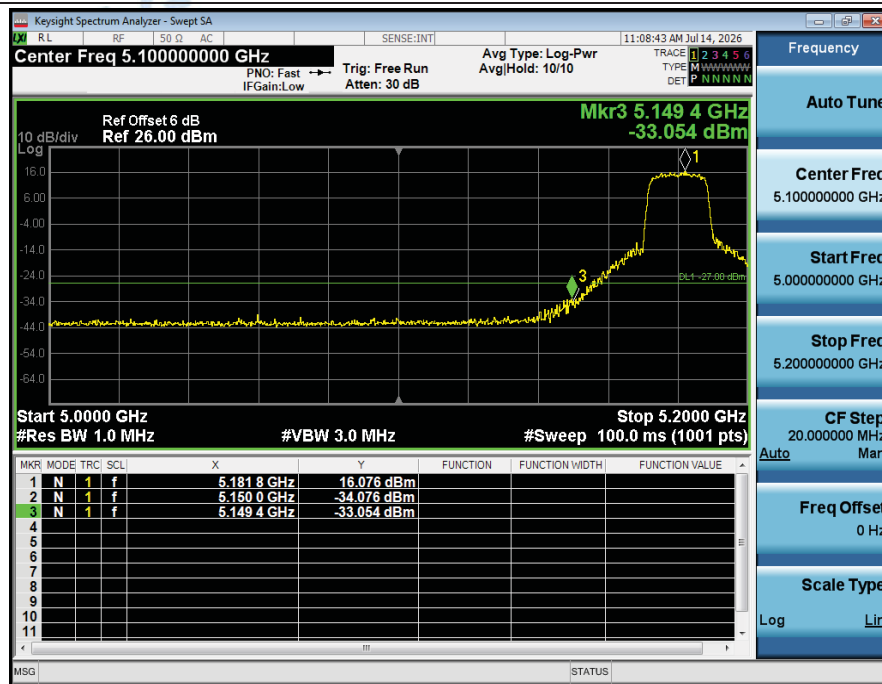




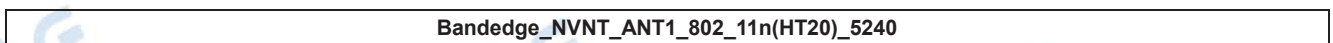
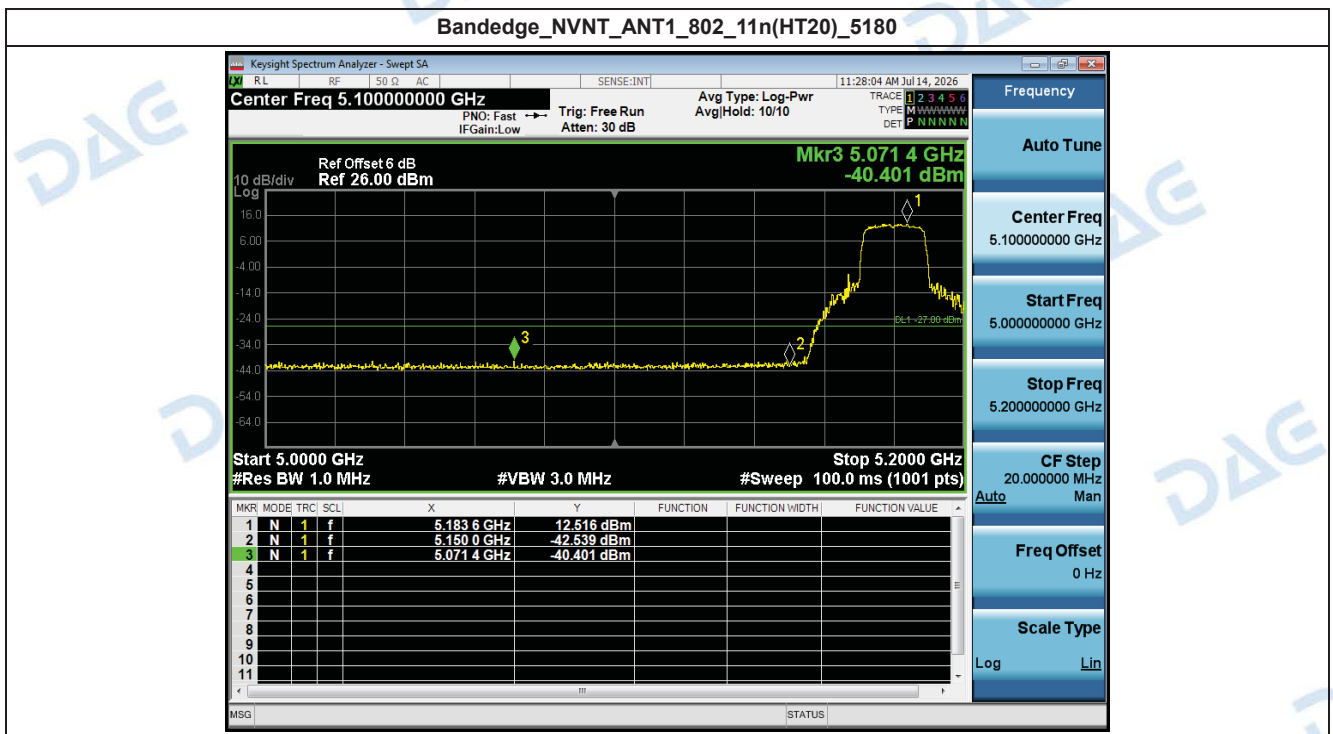
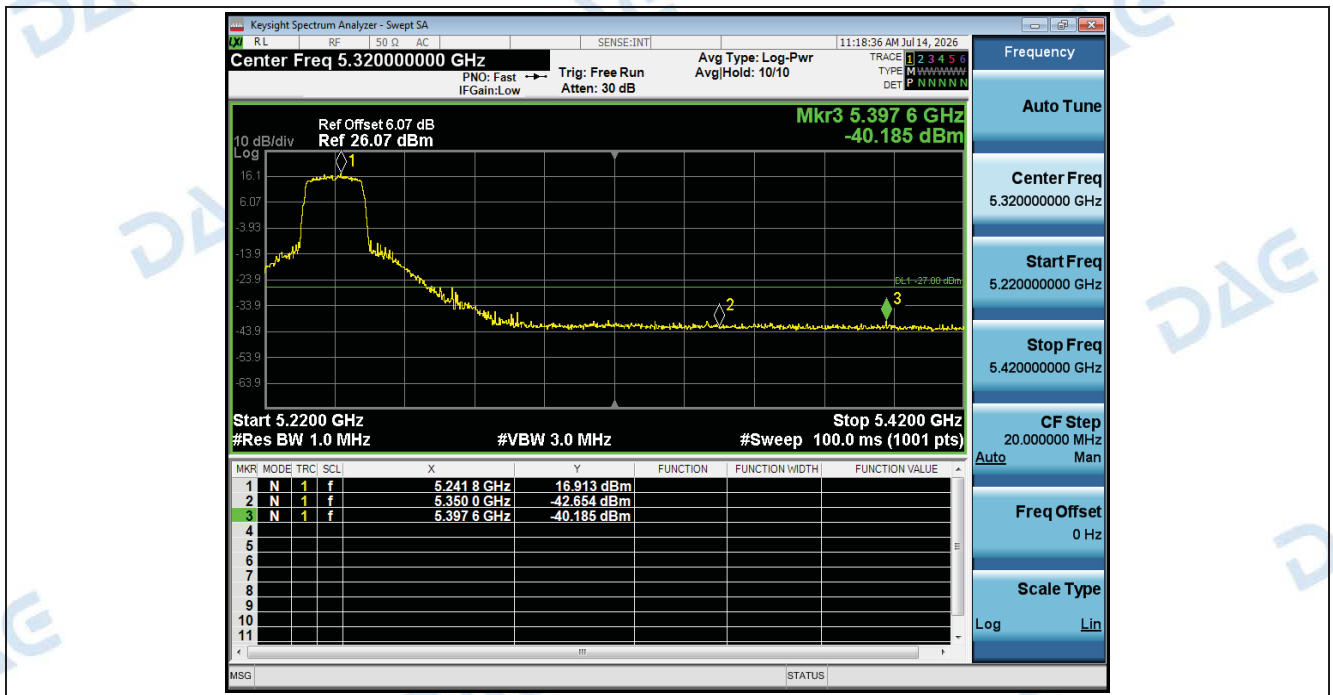
5. Bandedge

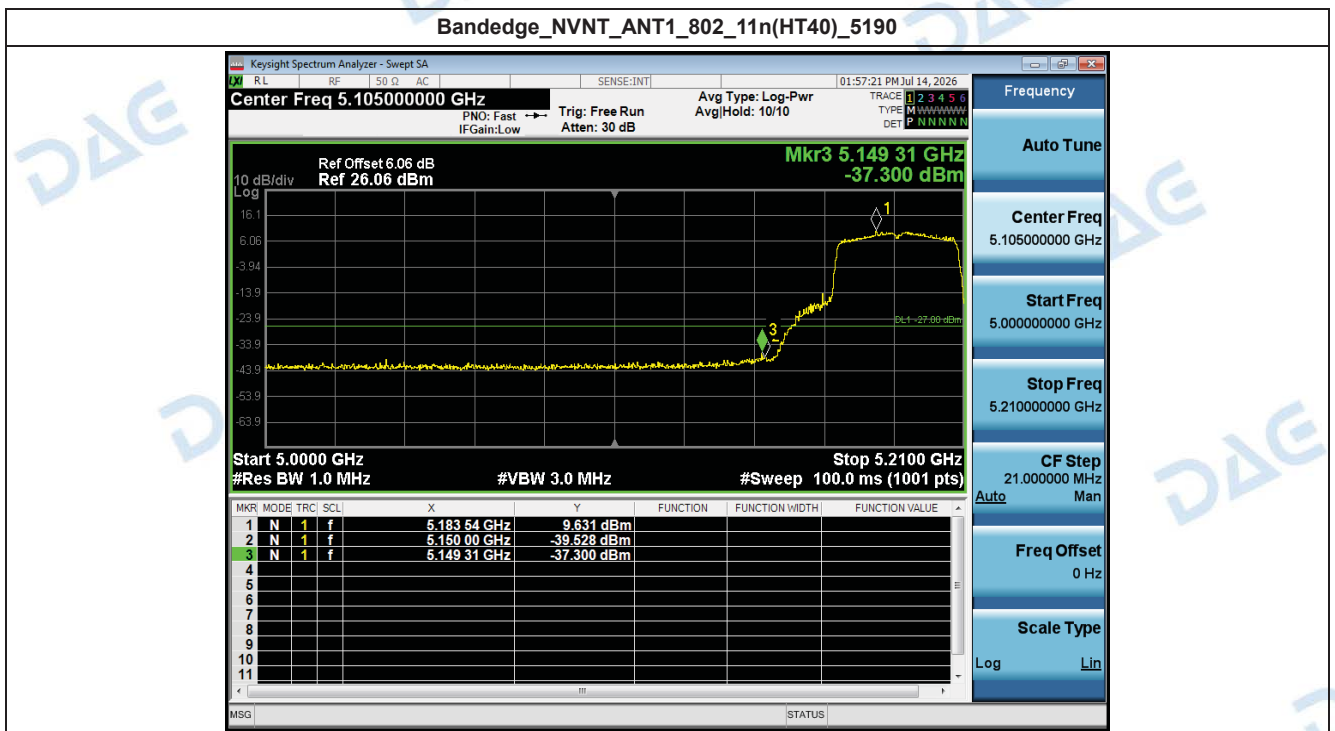
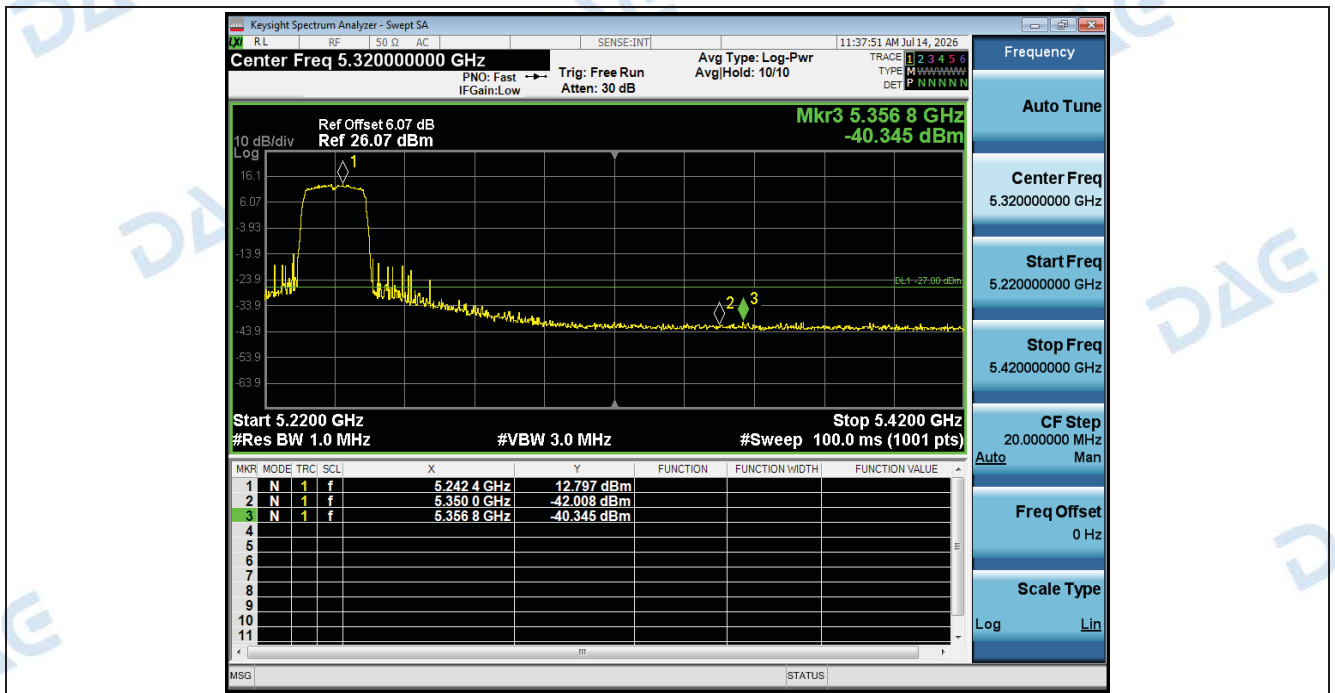
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5149.40	-33.05	-27	Pass
NVNT	ANT1	802.11a	5240.00	5397.60	-40.19	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5071.40	-40.40	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5356.80	-40.35	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5149.31	-37.30	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5408.03	-40.75	-27	Pass

Bandedge_NVNT_ANT1_802_11a_5180

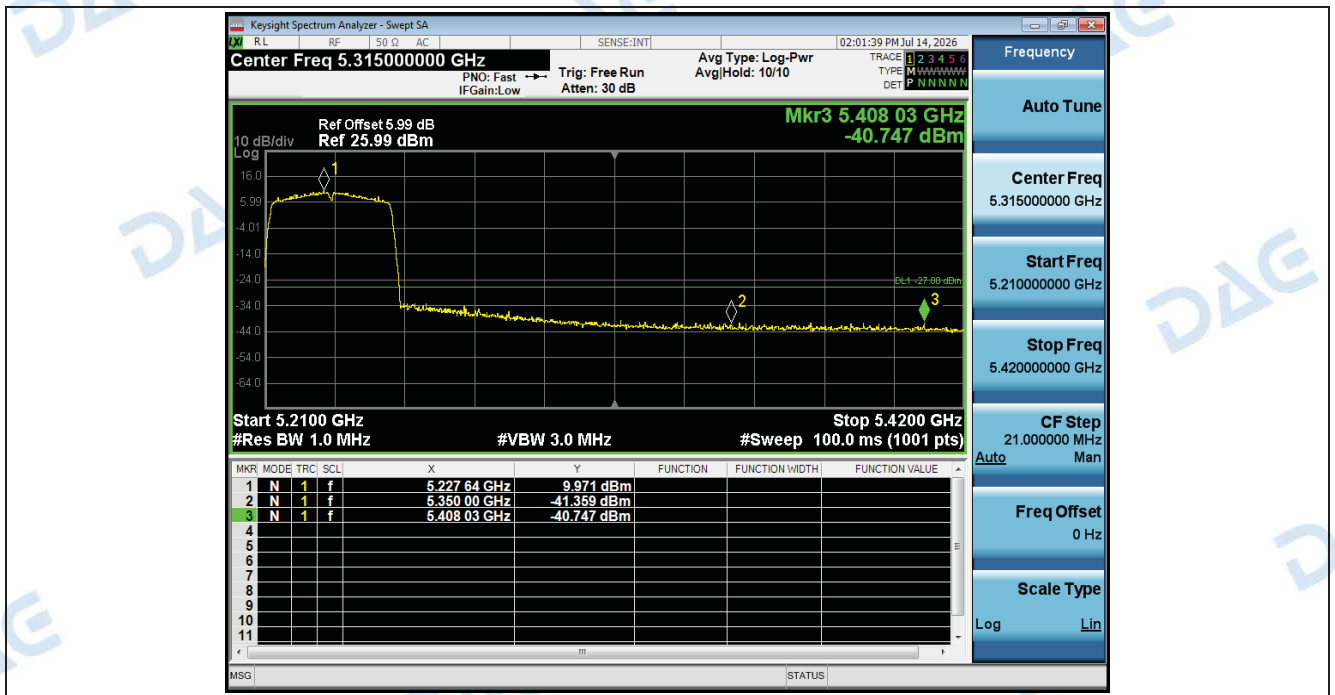


Bandedge_NVNT_ANT1_802_11a_5240



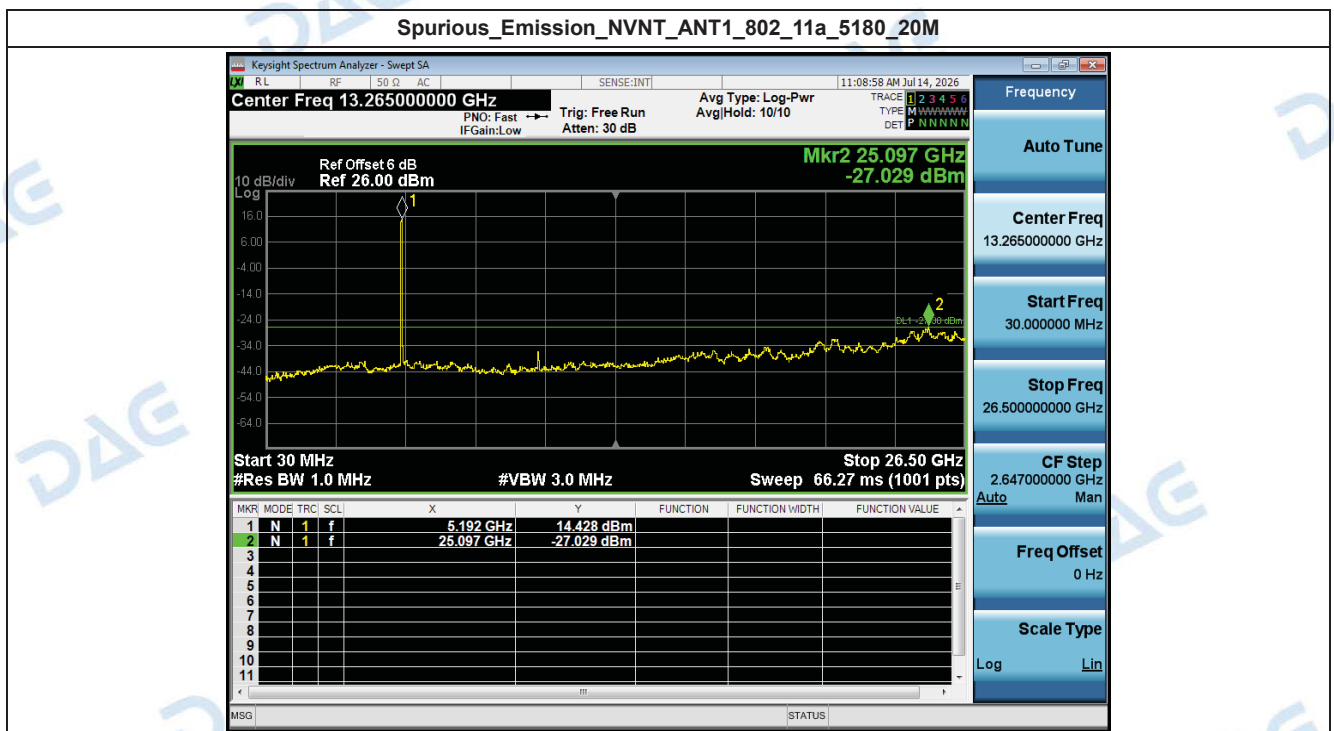


Bandedge_NVNT_ANT1_802_11n(HT40)_5230

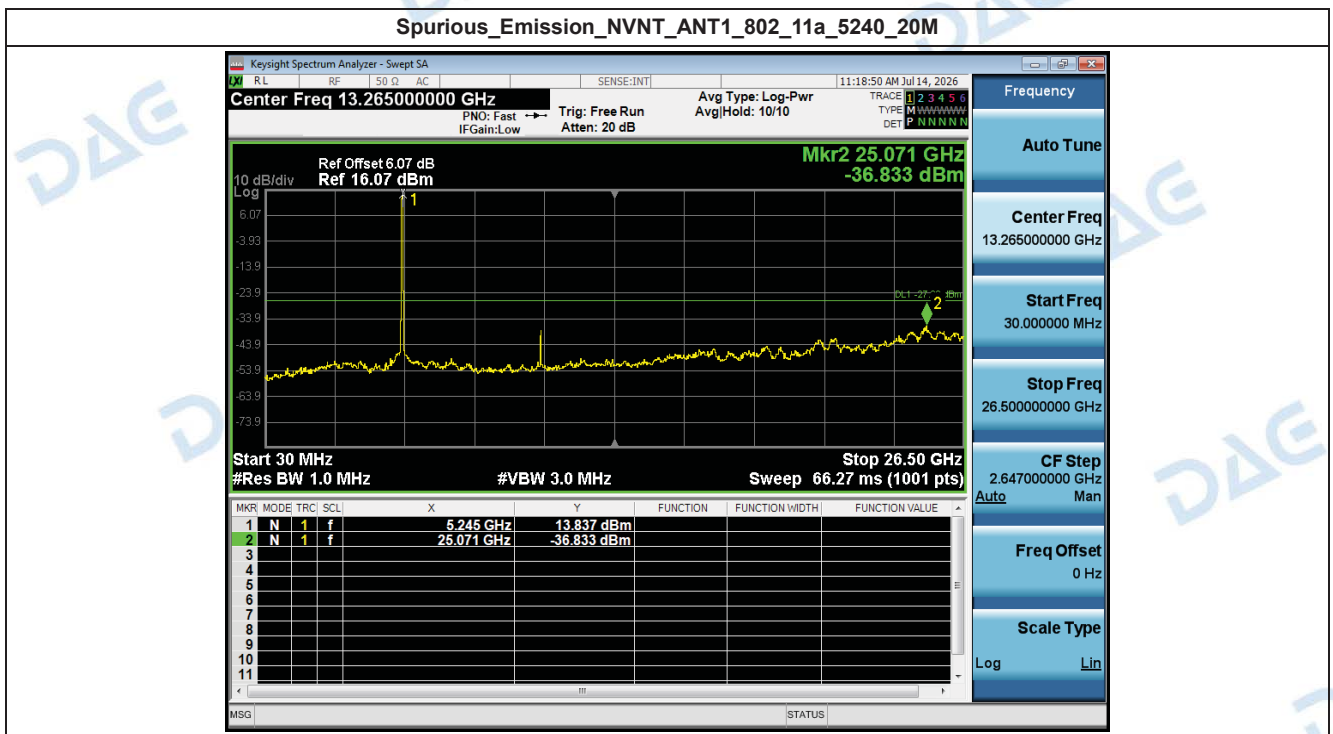
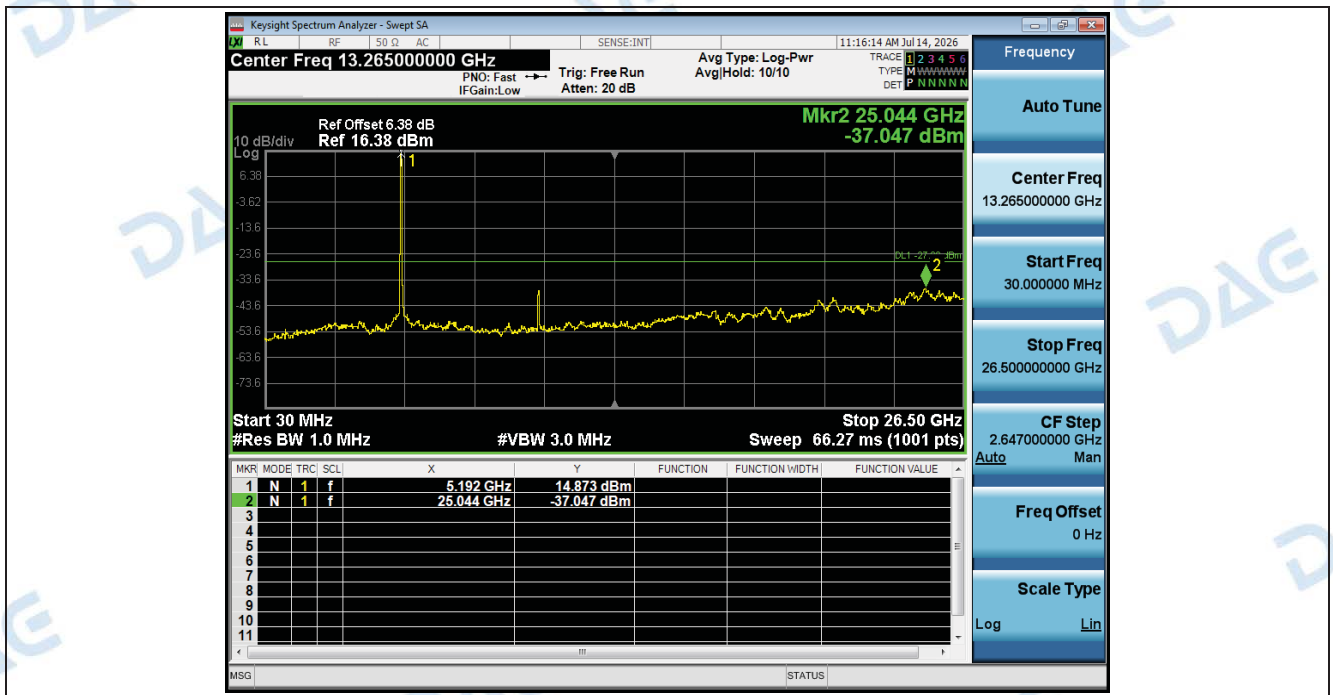


6. Spurious Emission

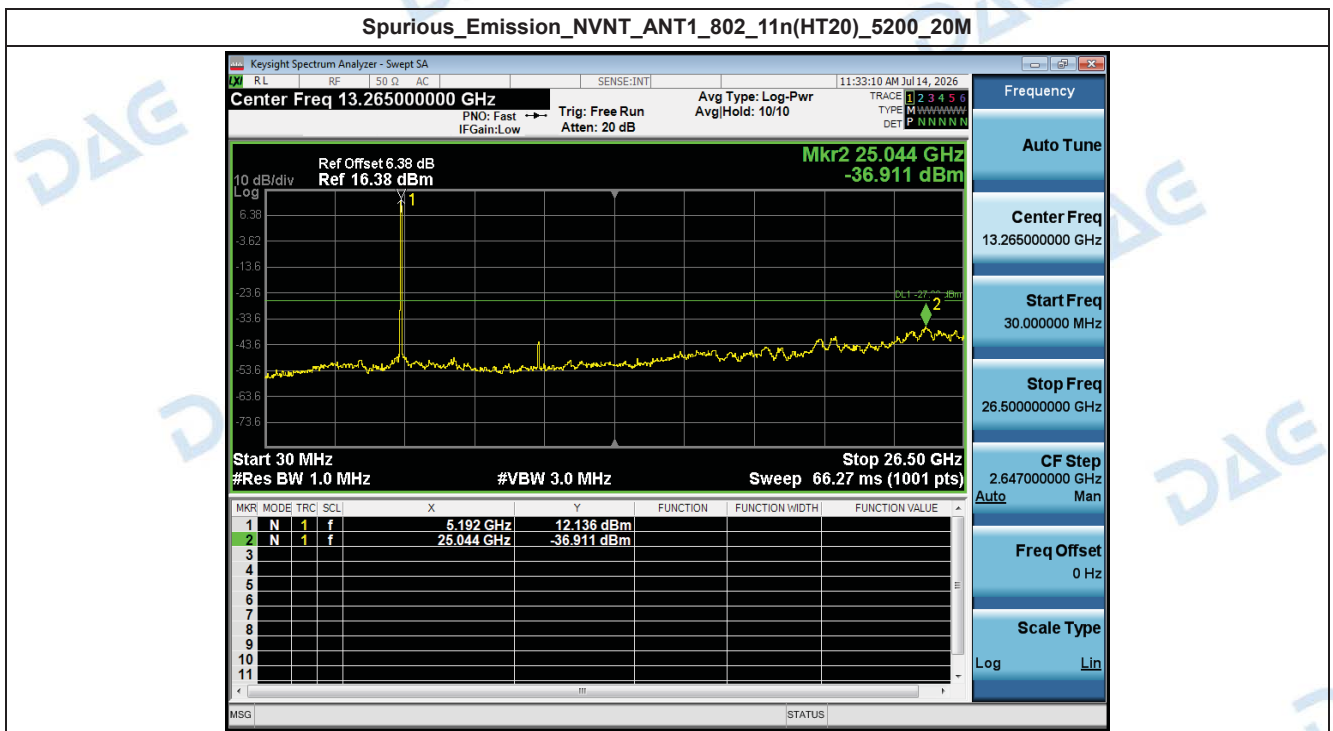
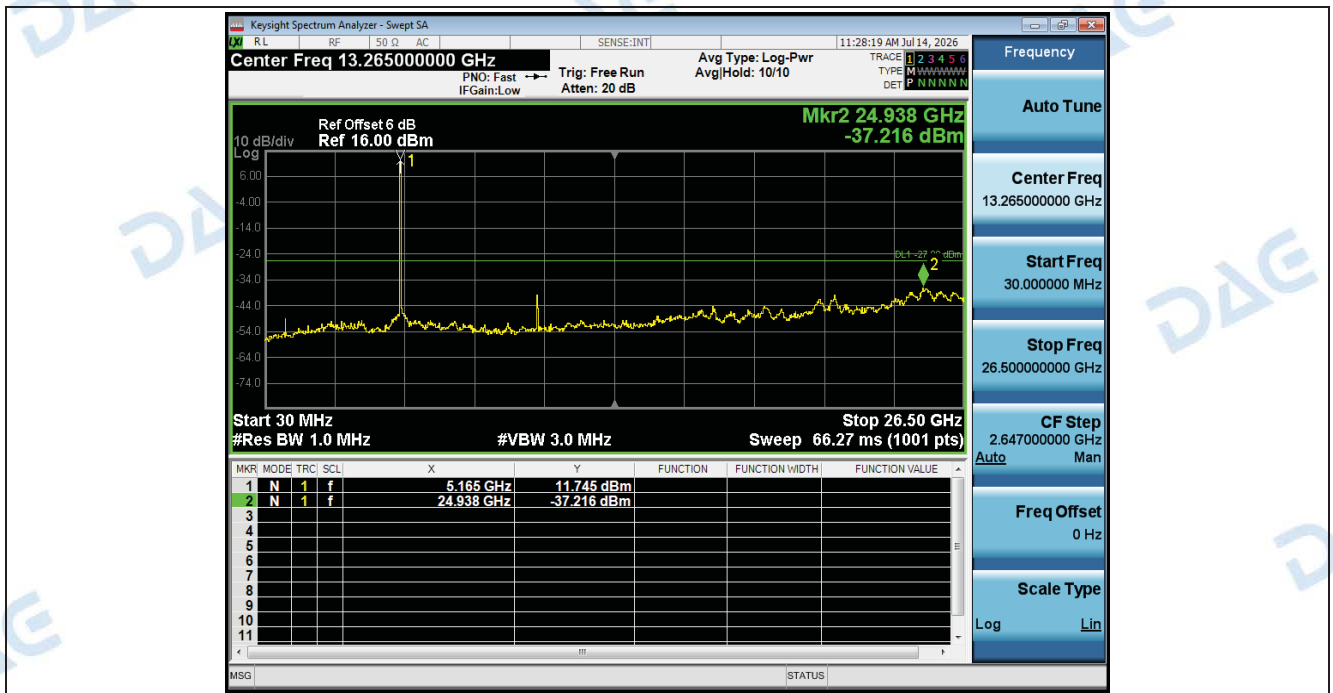
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	25097.09	-27.03	-27	Pass
NVNT	ANT1	802.11a	5200.00	25044.15	-37.05	-27	Pass
NVNT	ANT1	802.11a	5240.00	25070.62	-36.83	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	24938.27	-37.22	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	25044.15	-36.91	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	25044.15	-36.96	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	25123.56	-37.19	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	25017.68	-37.23	-27	Pass



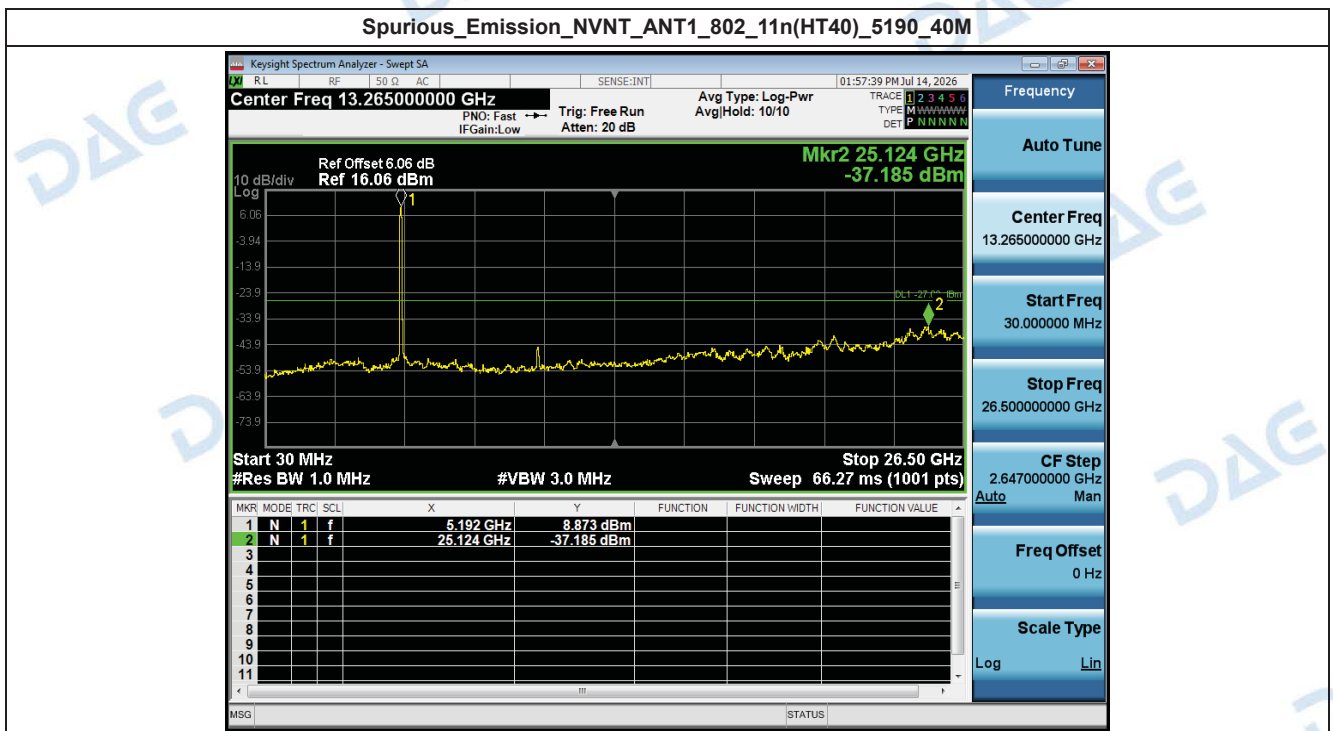
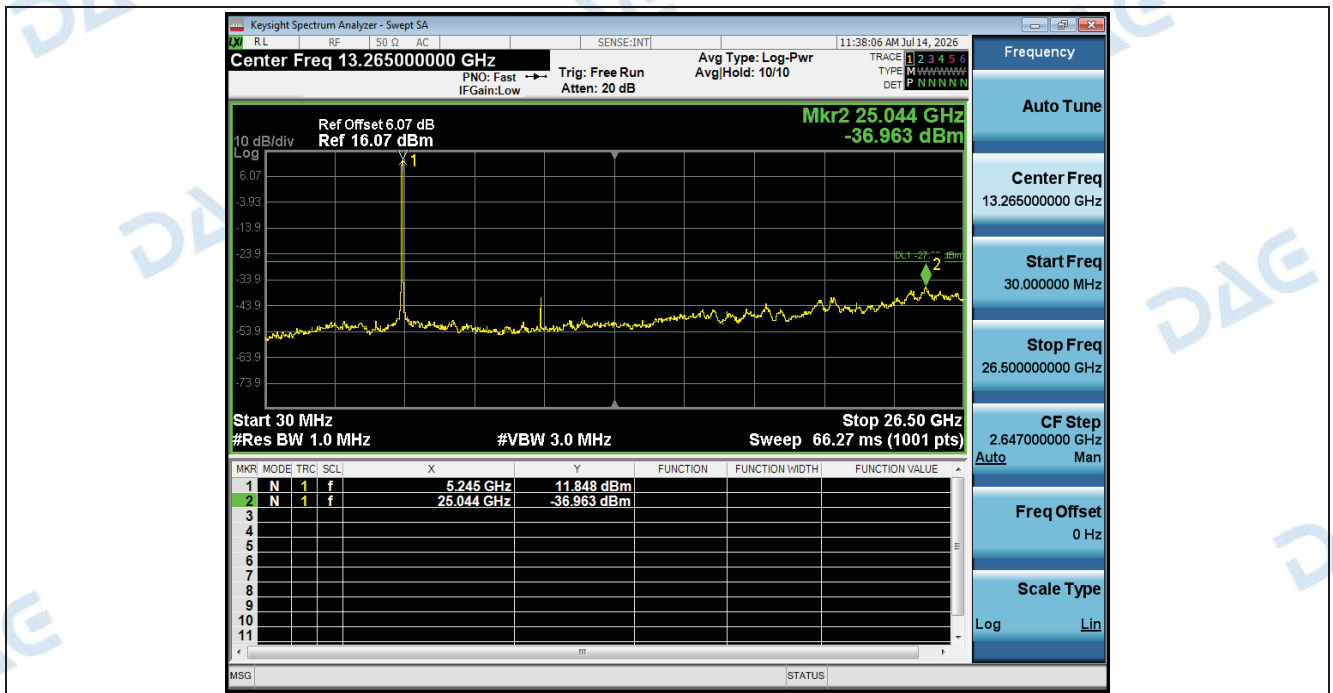
Spurious_Emission_NVNT_ANT1_802_11a_5200_20M



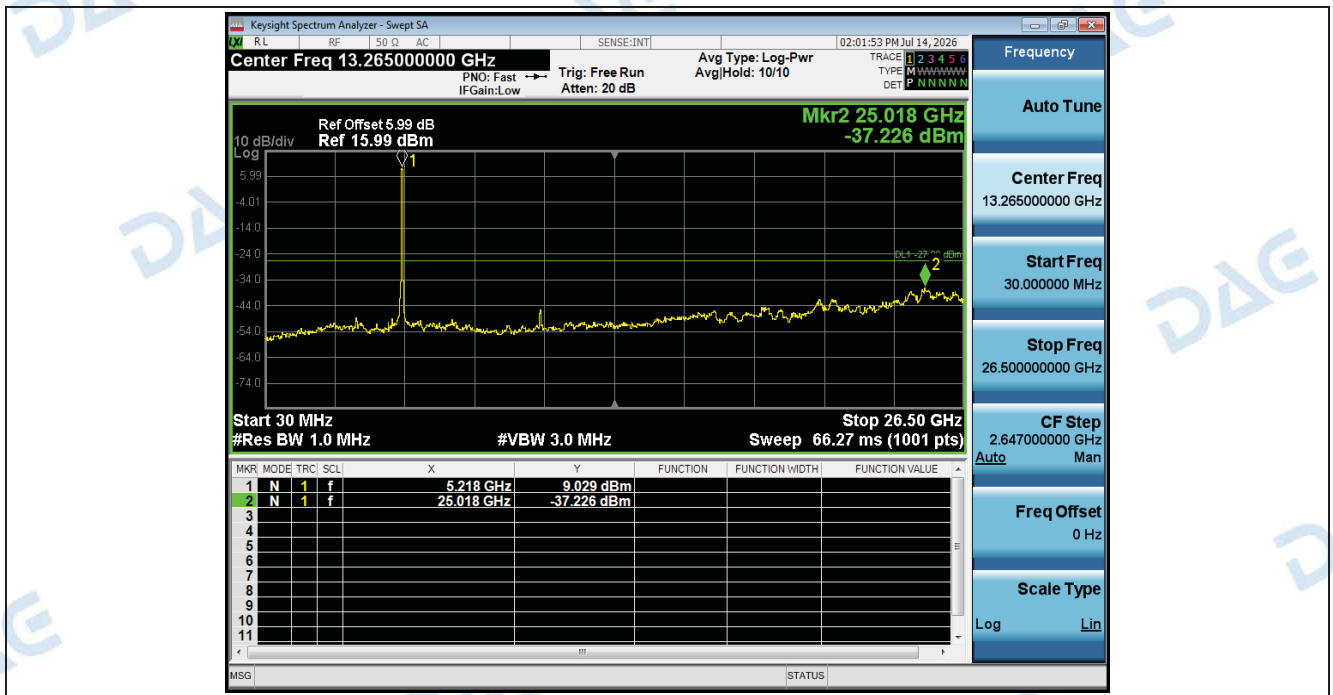
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5240_20M



Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5230_40M



7. Frequency Stability

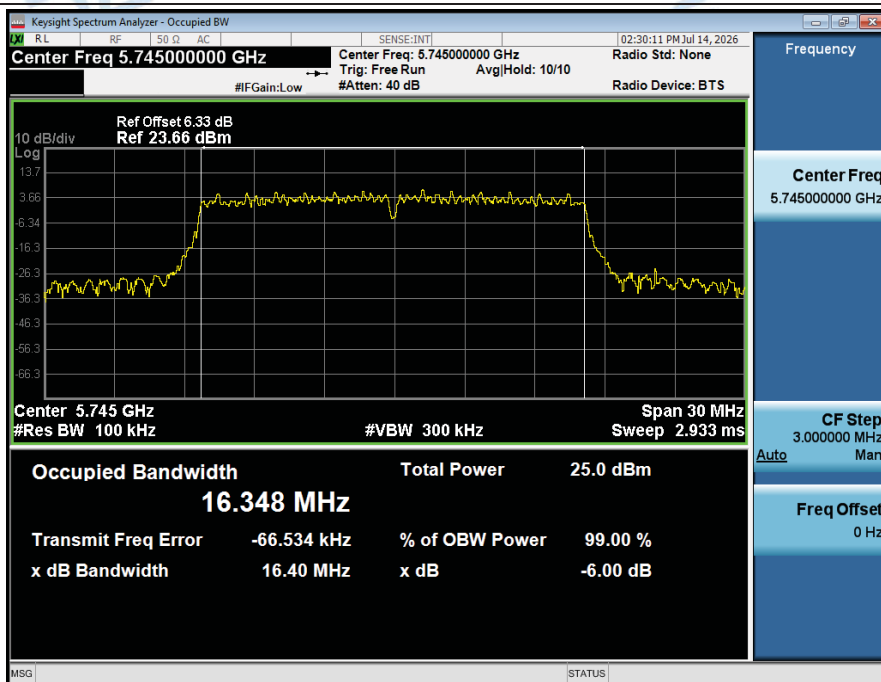
Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
50degrees C&&3.80V	ANT1	802.11a	5180.00	5179.950	5171.592	5188.308	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5180.00	5179.966	5171.740	5188.192	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5180.00	5179.958	5171.820	5188.096	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5180.00	5179.978	5171.892	5188.064	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5180.00	5179.976	5171.956	5187.996	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5180.00	5179.976	5172.016	5187.936	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5180.00	5179.964	5172.056	5187.872	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5180.00	5179.964	5172.120	5187.808	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5180.00	5179.962	5172.168	5187.756	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5180.00	5179.980	5172.232	5187.728	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5179.978	5172.284	5187.672	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5180.00	5180.004	5172.324	5187.684	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11a	5200.00	5199.946	5191.608	5208.284	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5200.00	5199.954	5191.732	5208.176	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5200.00	5199.952	5191.816	5208.088	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5200.00	5199.958	5191.884	5208.032	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5200.00	5199.972	5191.944	5208.000	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5200.00	5199.962	5192.012	5207.912	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5200.00	5199.972	5192.076	5207.868	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5200.00	5199.986	5192.140	5207.832	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5200.00	5199.986	5192.208	5207.764	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5200.00	5199.990	5192.260	5207.720	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5199.980	5192.312	5207.648	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5200.00	5199.980	5192.364	5207.596	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11a	5240.00	5239.948	5231.600	5248.296	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11a	5240.00	5239.958	5231.744	5248.172	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11a	5240.00	5239.952	5231.828	5248.076	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11a	5240.00	5239.962	5231.888	5248.036	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11a	5240.00	5239.958	5231.940	5247.976	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11a	5240.00	5239.954	5232.000	5247.908	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11a	5240.00	5239.950	5232.048	5247.852	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11a	5240.00	5239.970	5232.100	5247.840	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11a	5240.00	5239.954	5232.160	5247.748	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5240.00	5239.956	5232.216	5247.696	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5239.964	5232.264	5247.664	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5240.00	5239.964	5232.316	5247.612	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.962	5171.068	5188.856	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.956	5171.192	5188.720	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.958	5171.276	5188.640	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.956	5171.348	5188.564	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.968	5171.432	5188.504	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.962	5171.492	5188.432	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.960	5171.552	5188.368	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.950	5171.612	5188.288	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.954	5171.668	5188.240	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5180.00	5179.964	5171.720	5188.208	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.950	5171.768	5188.132	5150~5250	Pass

25degrees C&&3.23V	ANT1	802.11n(HT20)	5180.00	5179.952	5171.820	5188.084	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.962	5191.072	5208.852	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.960	5191.196	5208.724	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.964	5191.284	5208.644	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.970	5191.368	5208.572	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.970	5191.436	5208.504	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.964	5191.496	5208.432	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.956	5191.560	5208.352	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.964	5191.616	5208.312	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.968	5191.672	5208.264	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5200.00	5199.970	5191.728	5208.212	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.958	5191.780	5208.136	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5200.00	5199.970	5191.840	5208.100	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.946	5231.084	5248.808	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.950	5231.200	5248.700	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.950	5231.280	5248.620	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.952	5231.356	5248.548	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.952	5231.424	5248.480	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.944	5231.492	5248.396	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.954	5231.564	5248.344	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.964	5231.624	5248.304	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.964	5231.676	5248.252	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5240.00	5239.956	5231.736	5248.176	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.958	5231.788	5248.128	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5240.00	5239.966	5231.836	5248.096	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.984	5171.880	5208.088	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.992	5172.088	5207.896	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.976	5172.248	5207.704	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.996	5172.416	5207.576	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.996	5172.544	5207.448	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.016	5172.720	5207.312	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.008	5172.872	5207.144	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.044	5173.048	5207.040	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.064	5173.200	5206.928	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5190.00	5190.084	5173.400	5206.768	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.064	5173.512	5206.616	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5190.00	5190.088	5173.656	5206.520	5150~5250	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.960	5211.888	5248.032	5150~5250	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.964	5212.080	5247.848	5150~5250	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.980	5212.288	5247.672	5150~5250	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.988	5212.448	5247.528	5150~5250	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.016	5212.592	5247.440	5150~5250	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.992	5212.720	5247.264	5150~5250	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.952	5212.840	5247.064	5150~5250	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.936	5212.960	5246.912	5150~5250	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.976	5213.120	5246.832	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5230.00	5229.952	5213.240	5246.664	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.924	5213.384	5246.464	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5230.00	5229.924	5213.504	5246.344	5150~5250	Pass

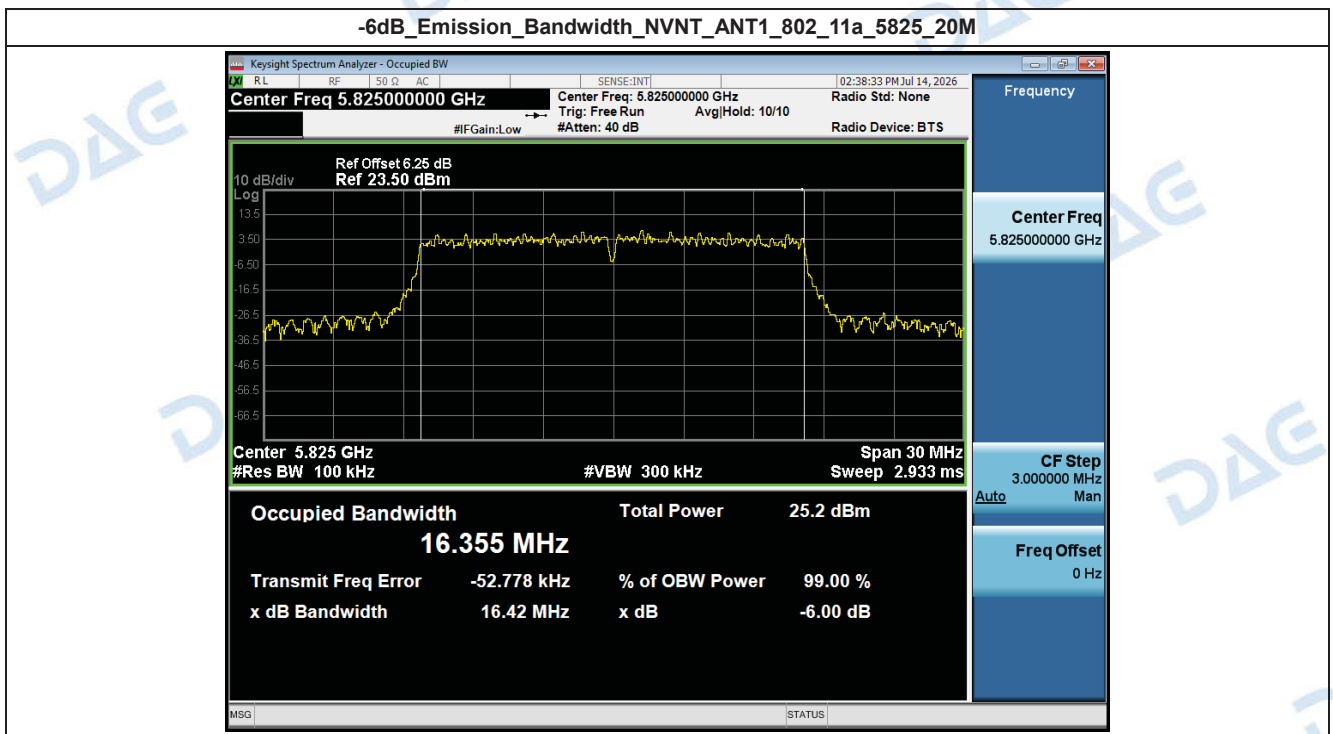
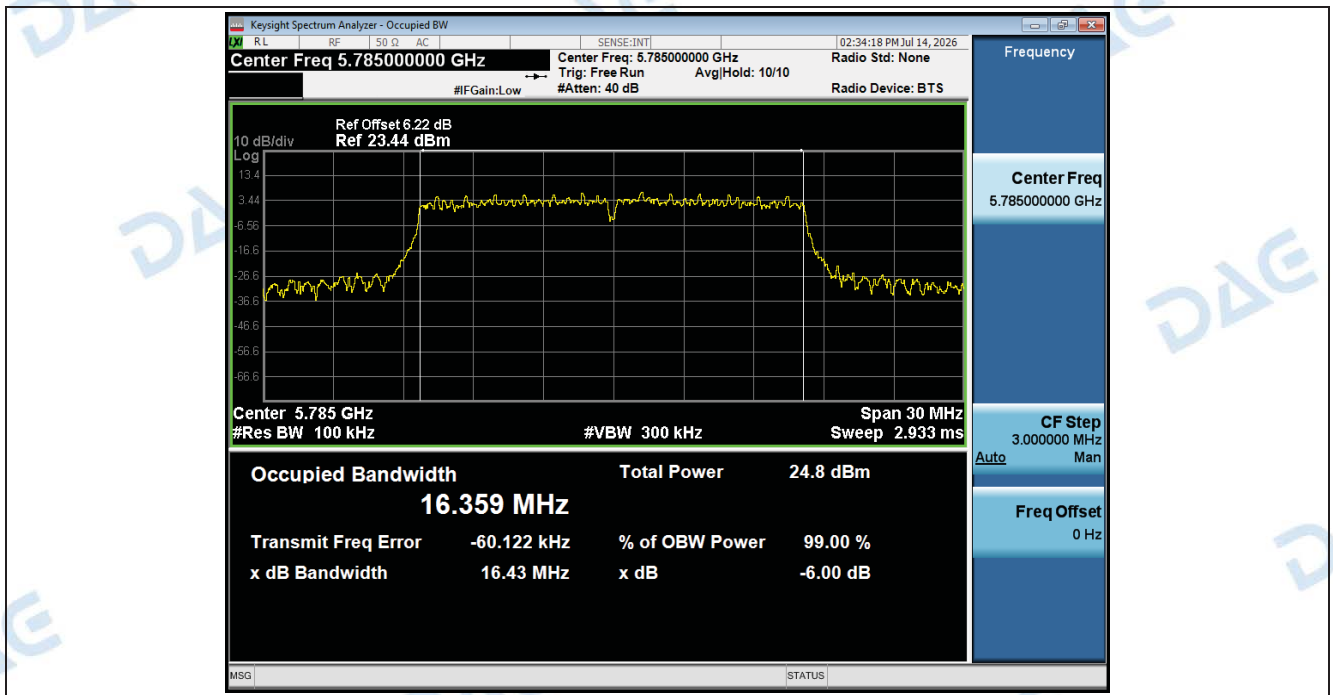
1. -6dB Emission Bandwidth

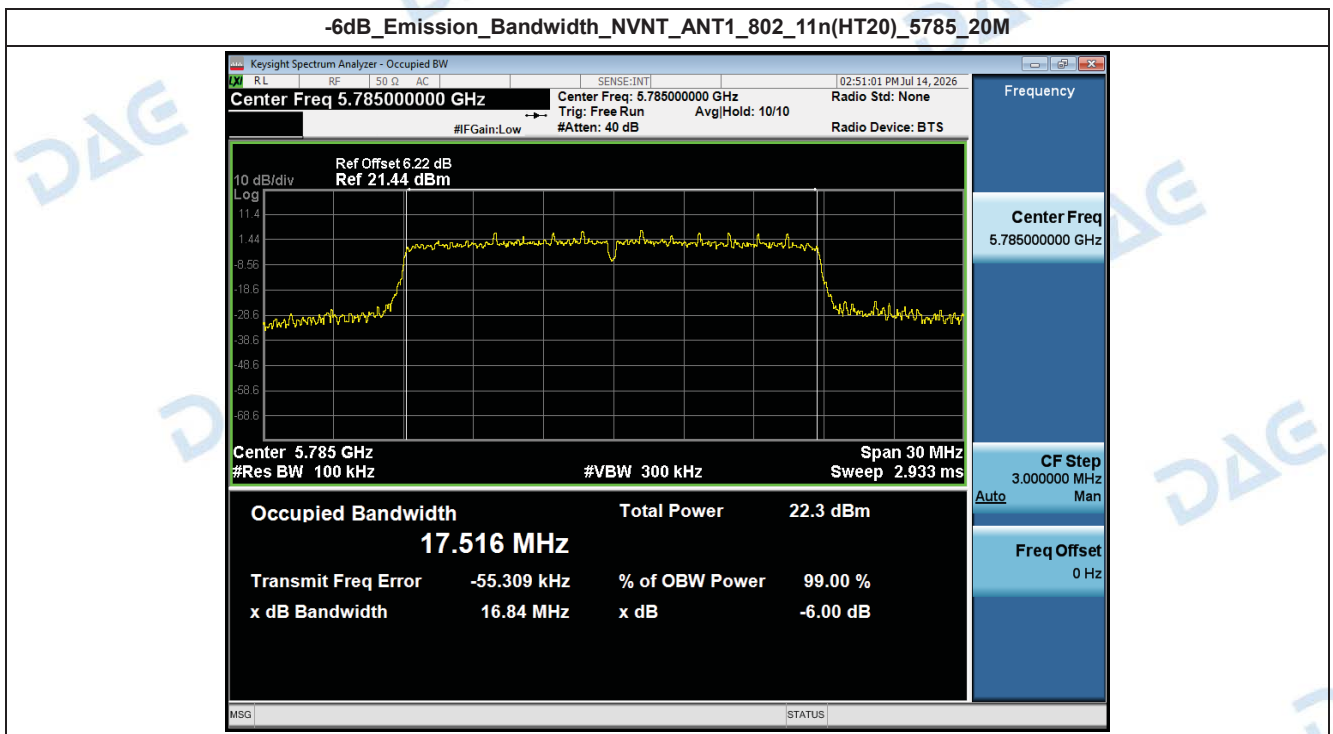
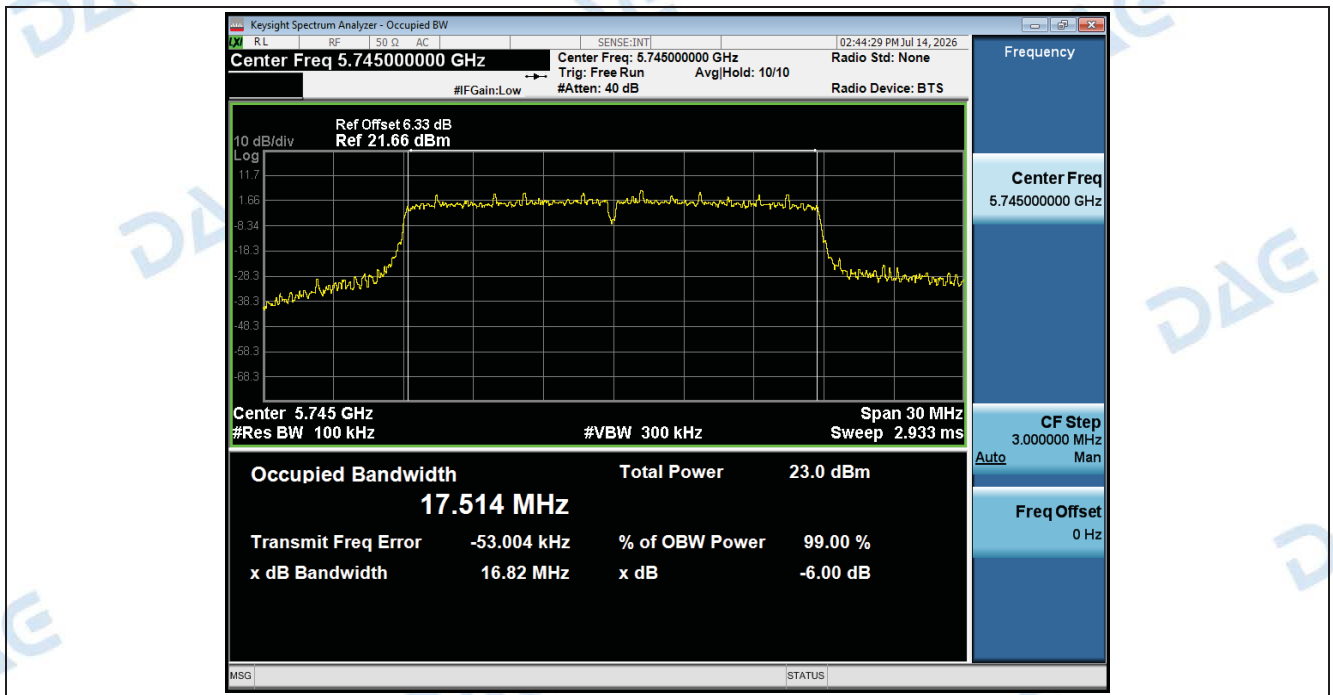
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.399	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.425	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.423	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	16.819	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	16.843	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	17.047	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.139	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	35.073	0.500	Pass

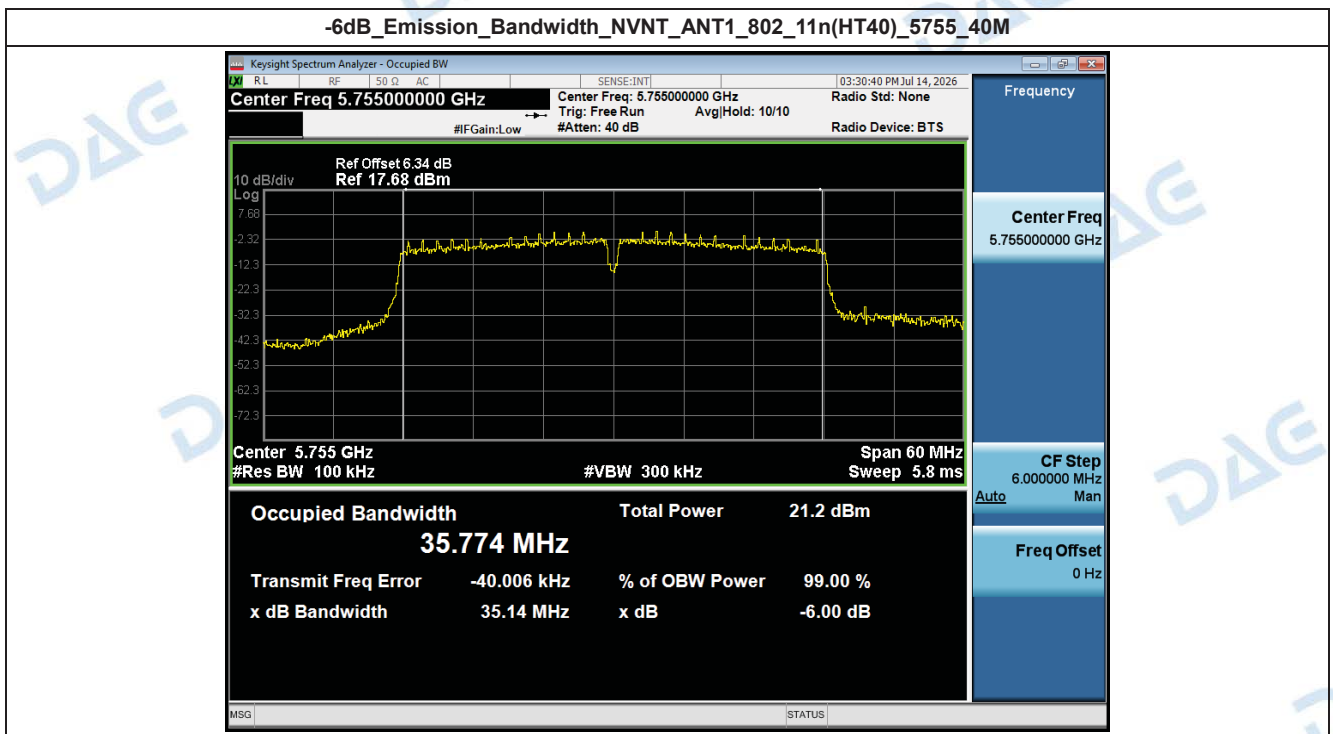
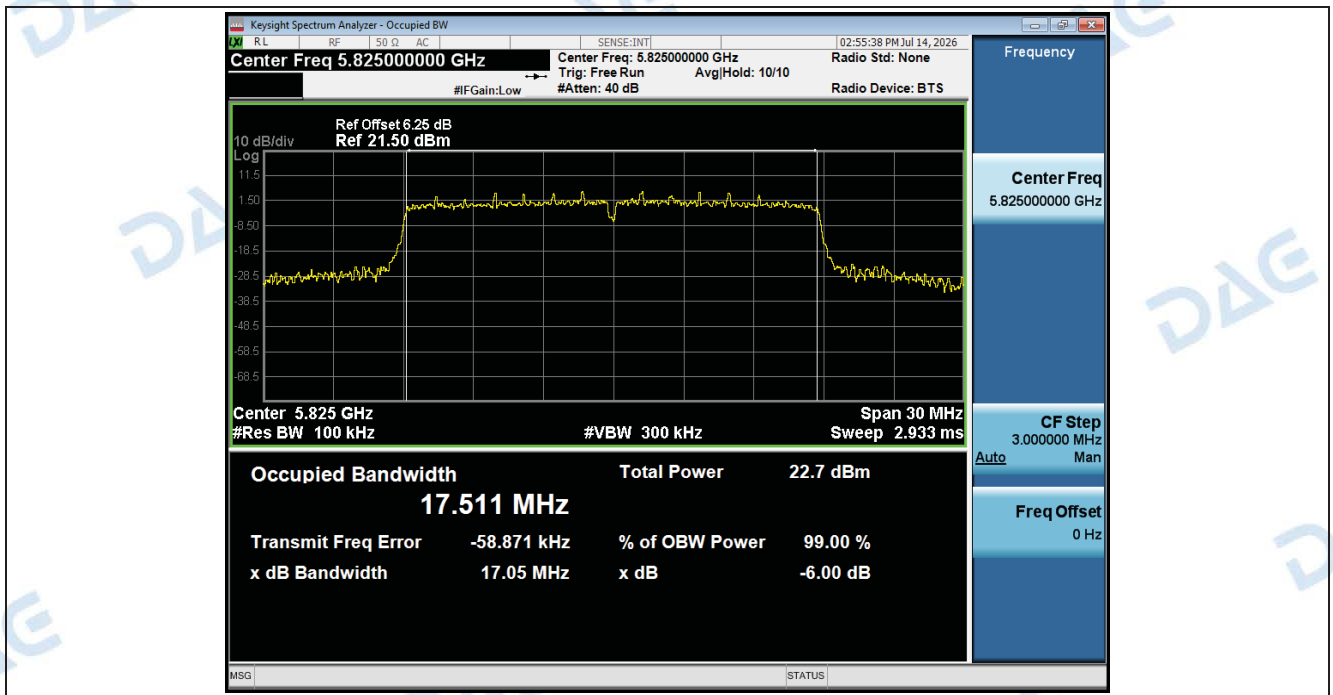
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M

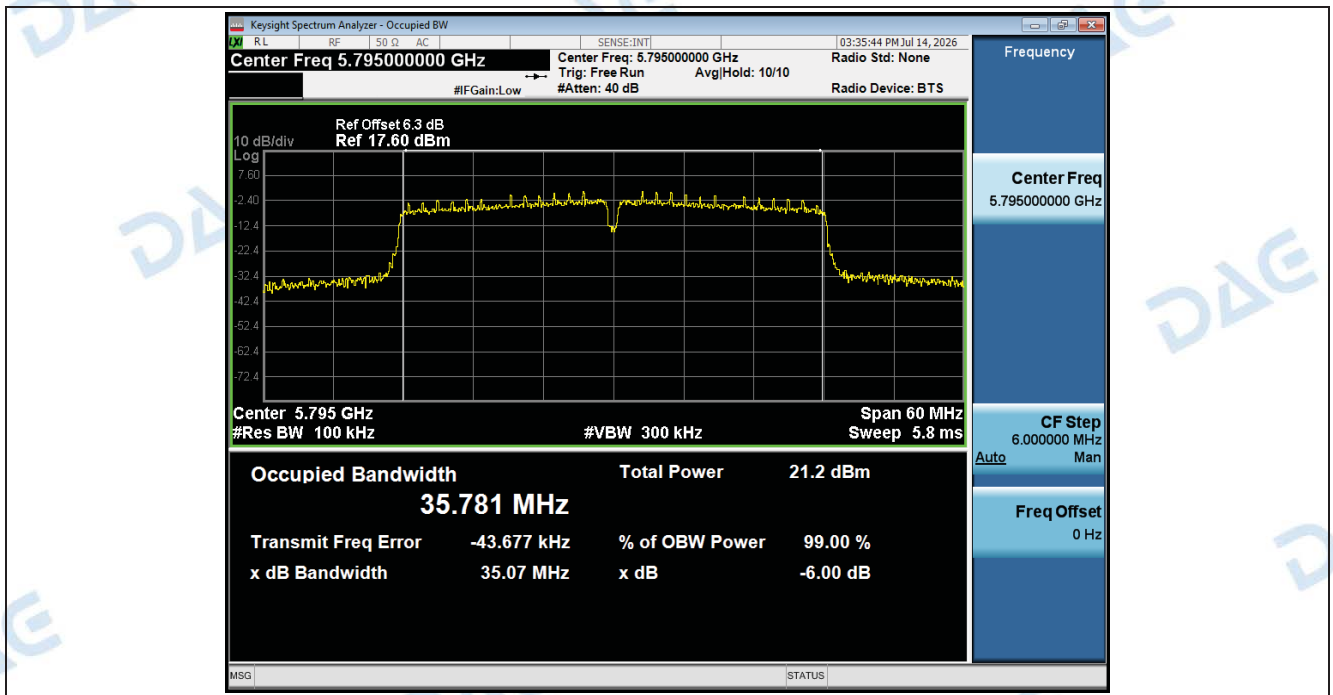


-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M





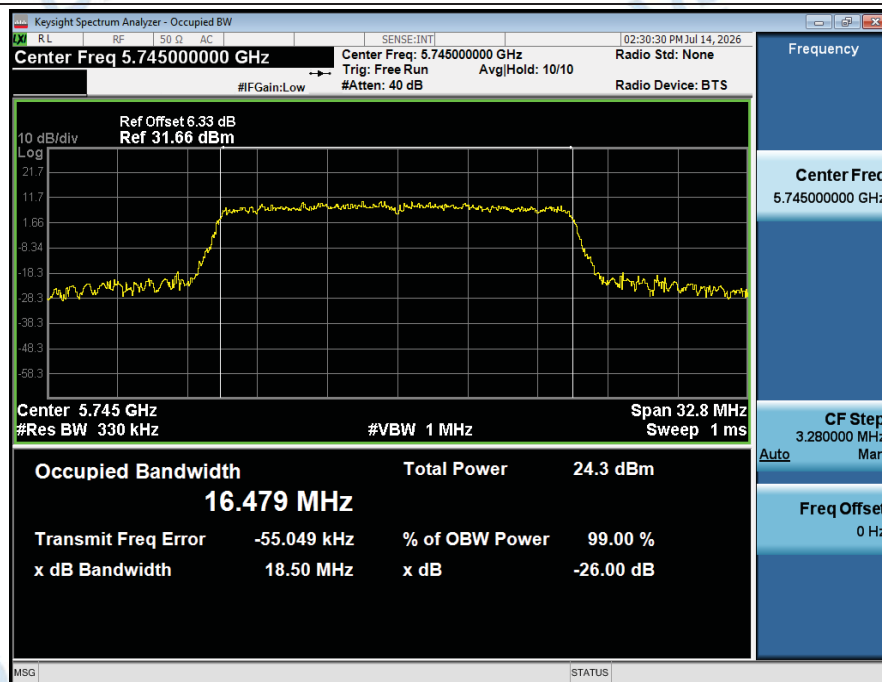




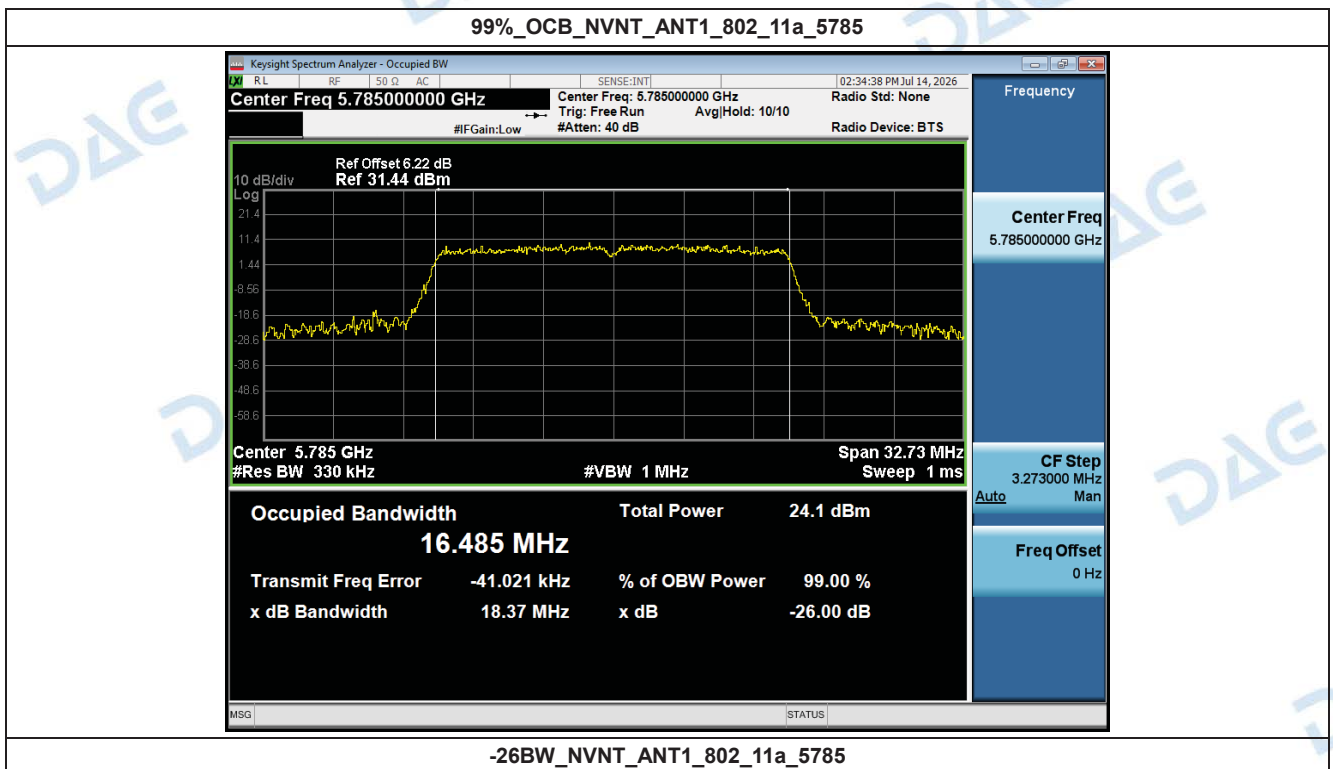
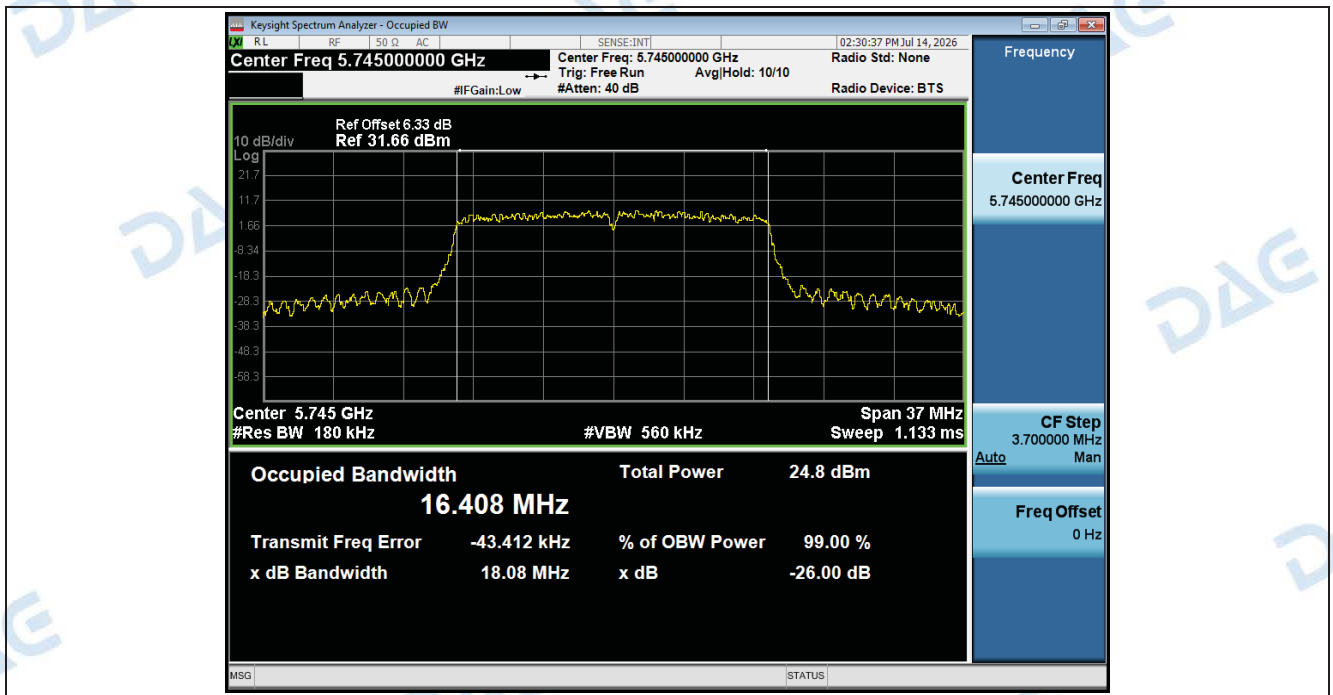
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	18.08	16.48
NVNT	ANT1	802.11a	5785.00	18.15	16.48
NVNT	ANT1	802.11a	5825.00	18.21	16.49
NVNT	ANT1	802.11n(HT20)	5745.00	19.21	17.56
NVNT	ANT1	802.11n(HT20)	5785.00	23.63	17.58
NVNT	ANT1	802.11n(HT20)	5825.00	19.04	17.59
NVNT	ANT1	802.11n(HT40)	5755.00	38.34	35.90
NVNT	ANT1	802.11n(HT40)	5795.00	38.54	35.92

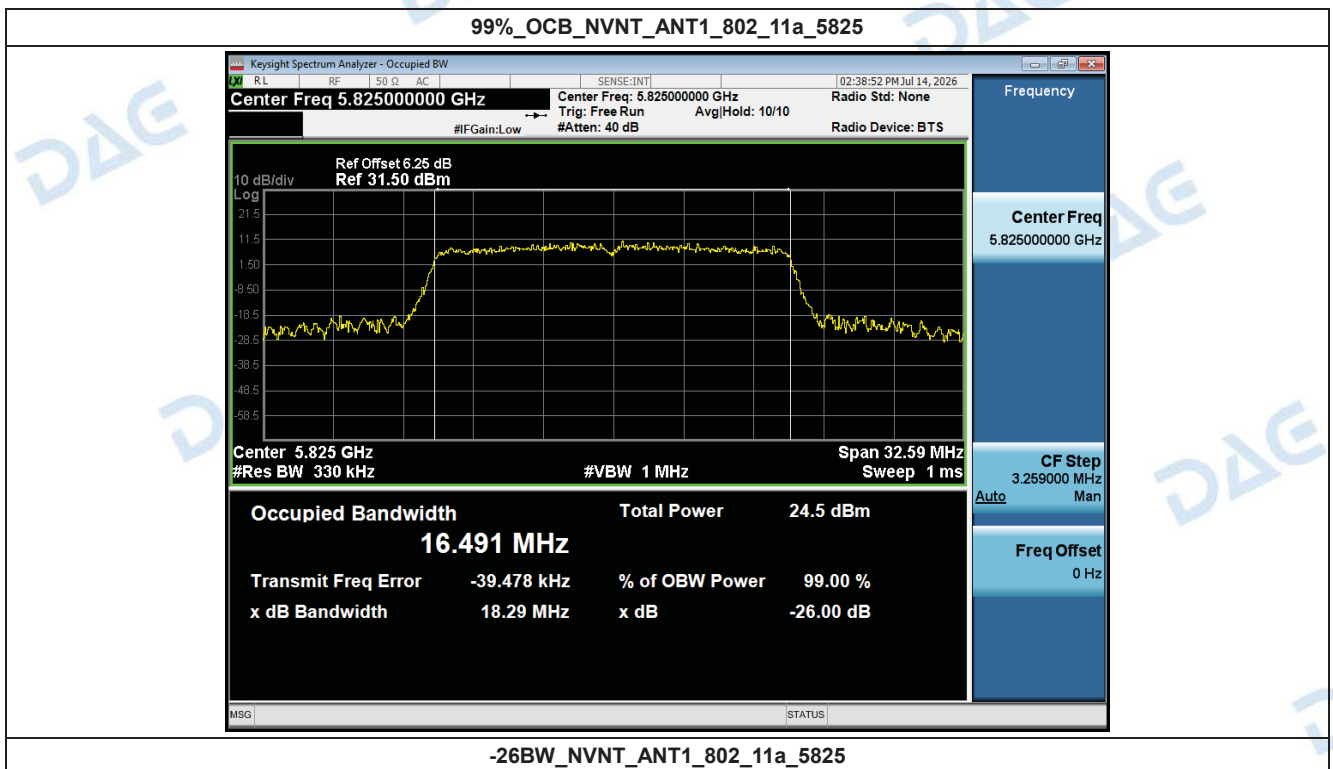
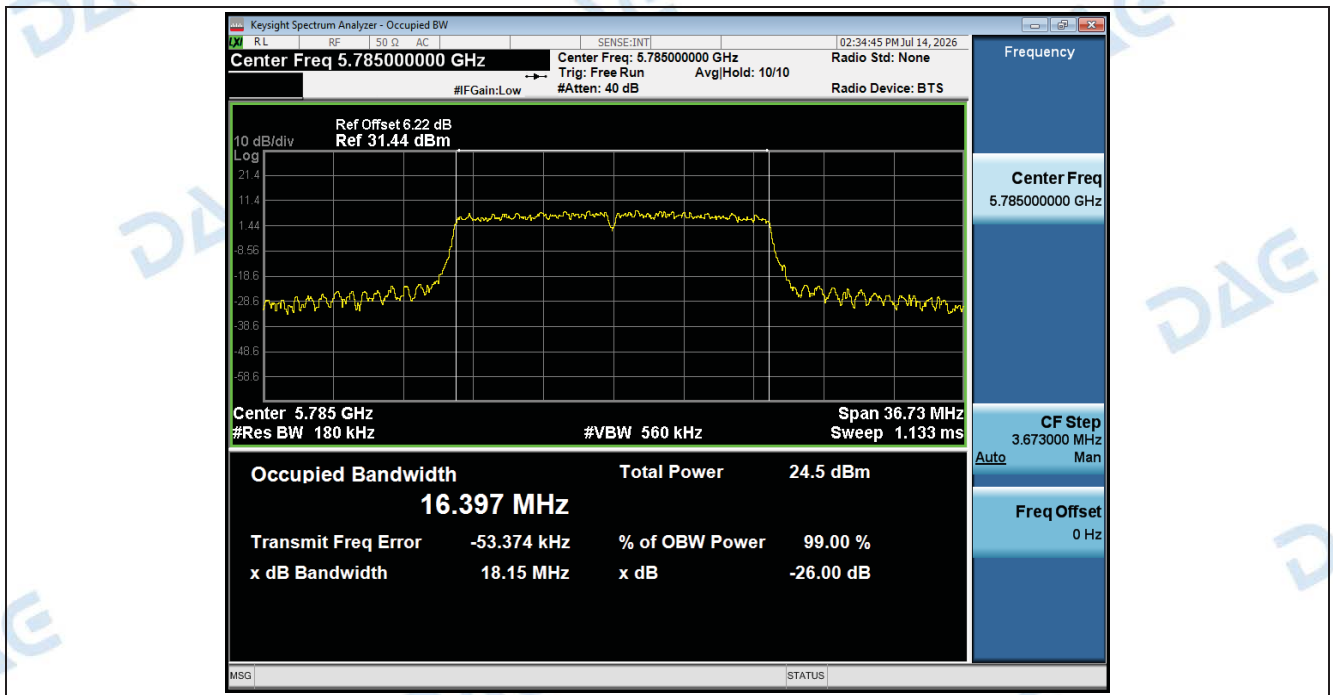
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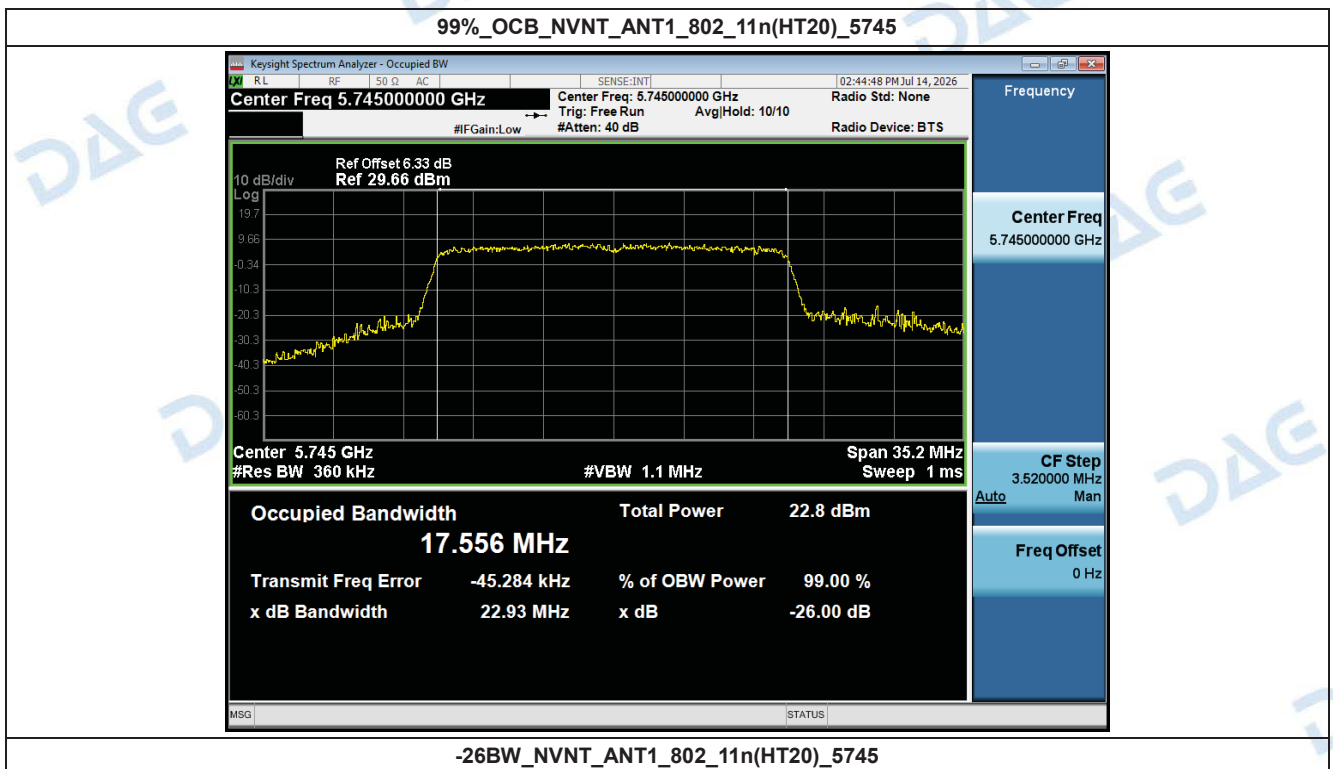
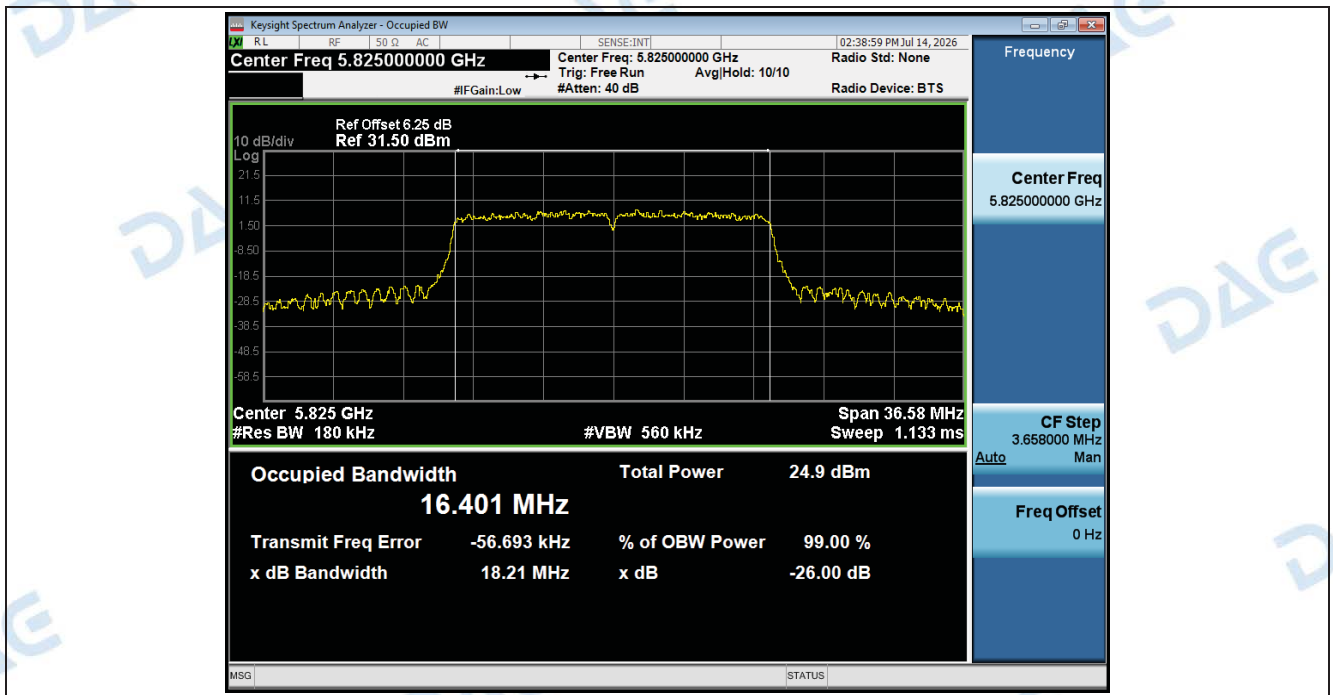
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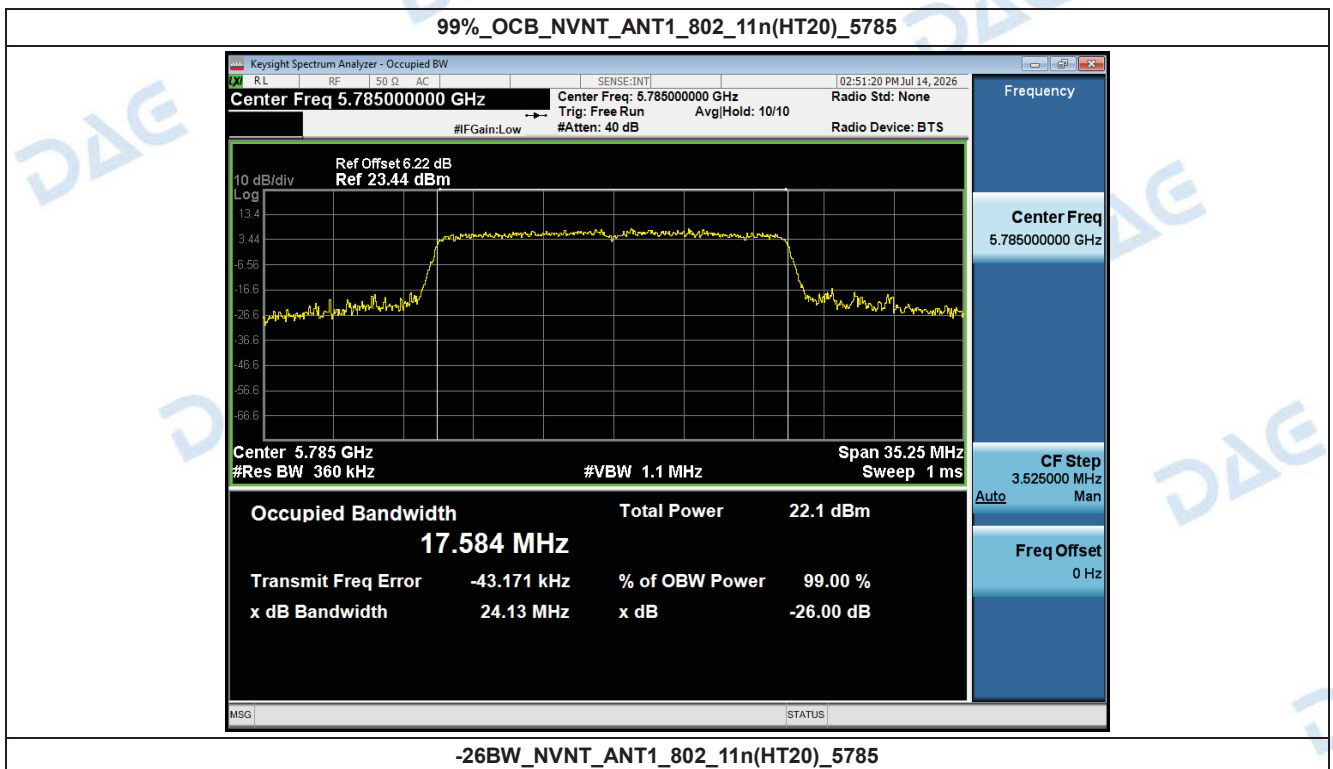
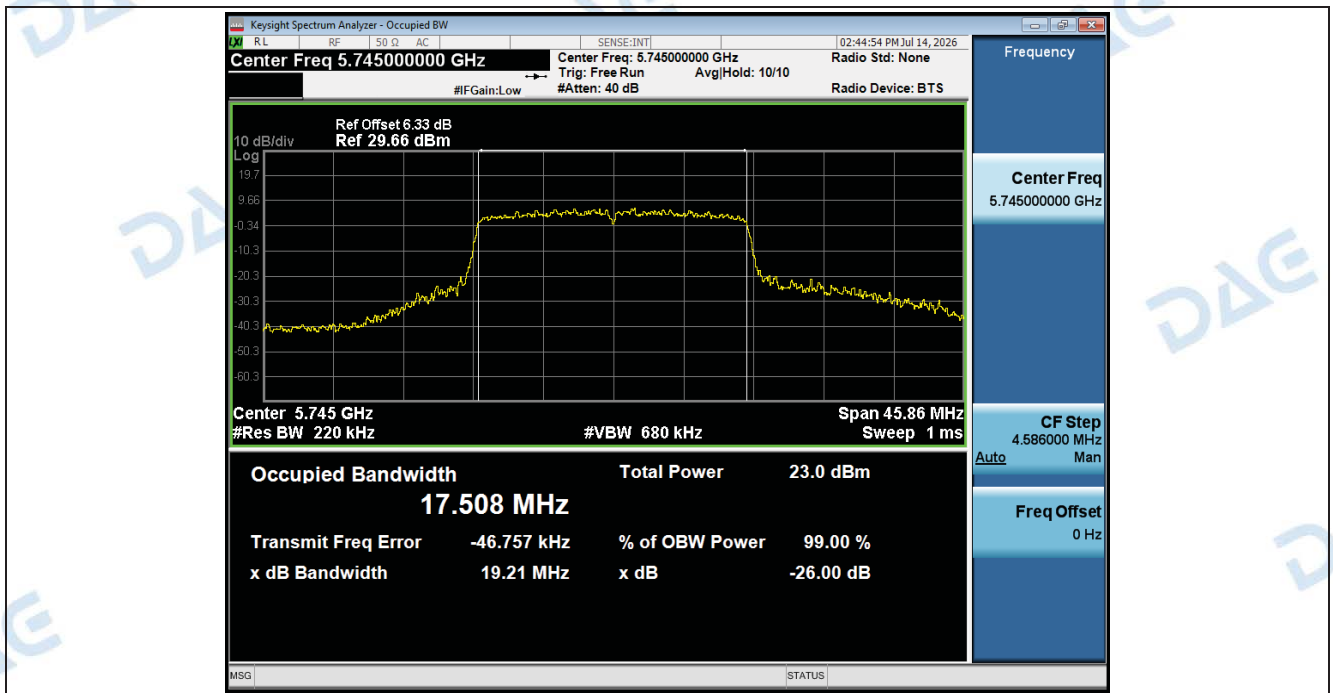
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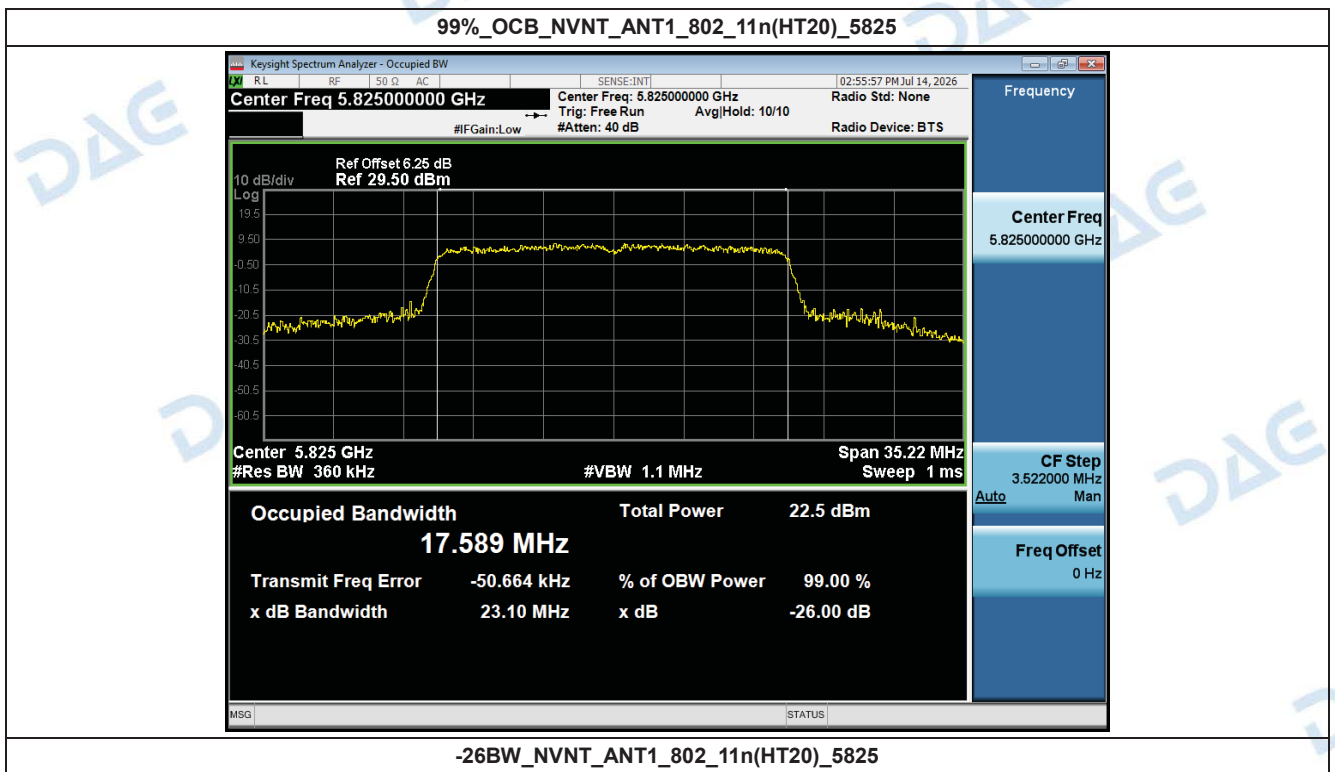
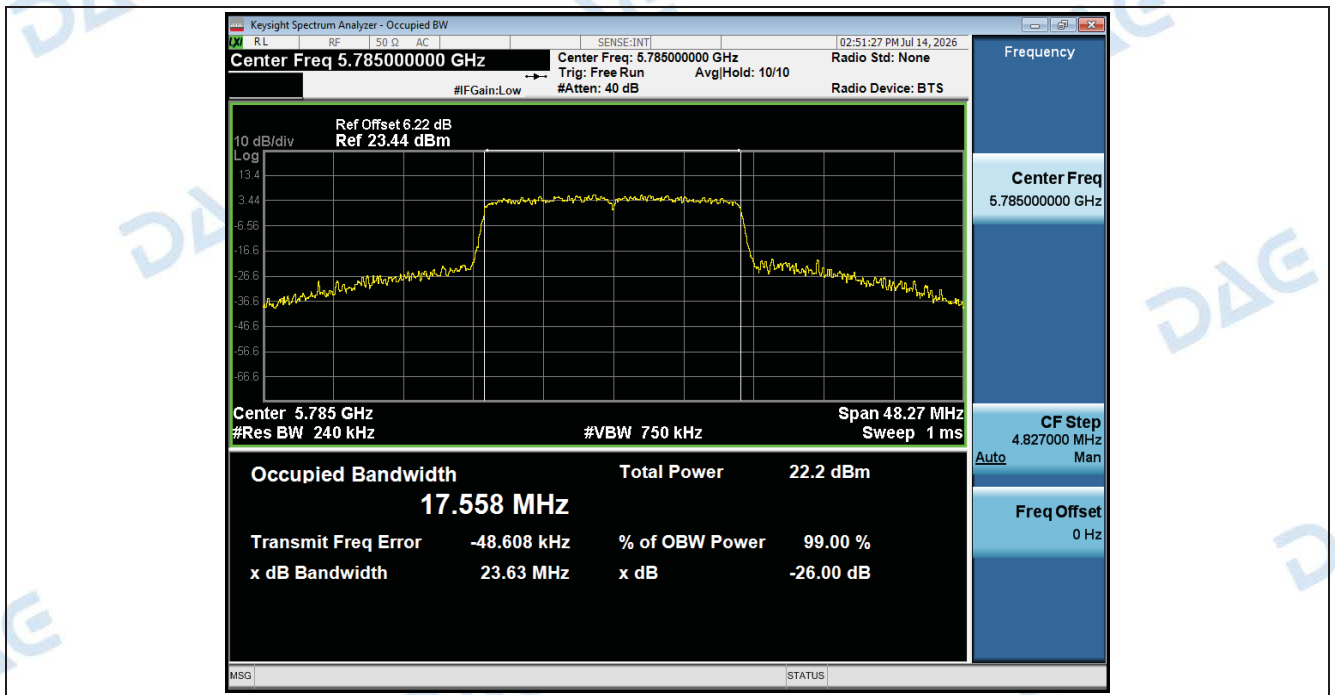
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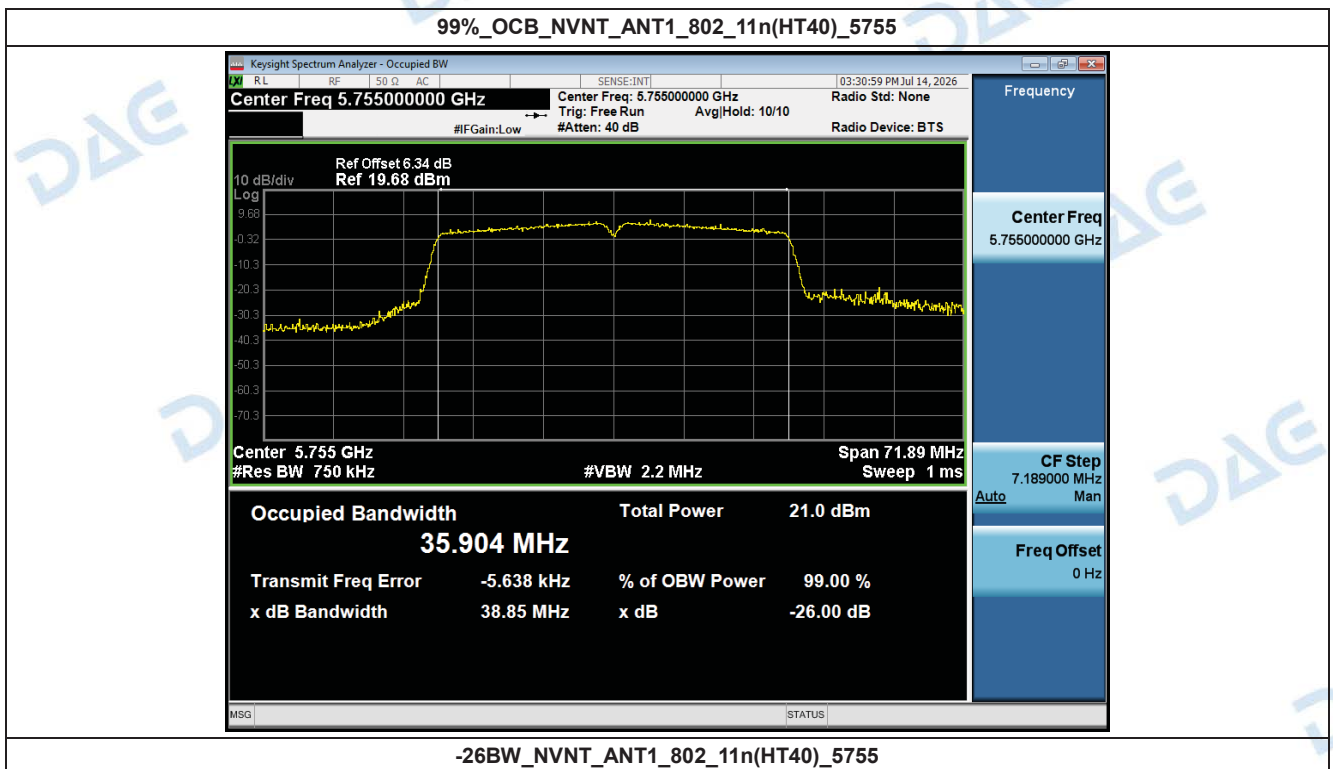
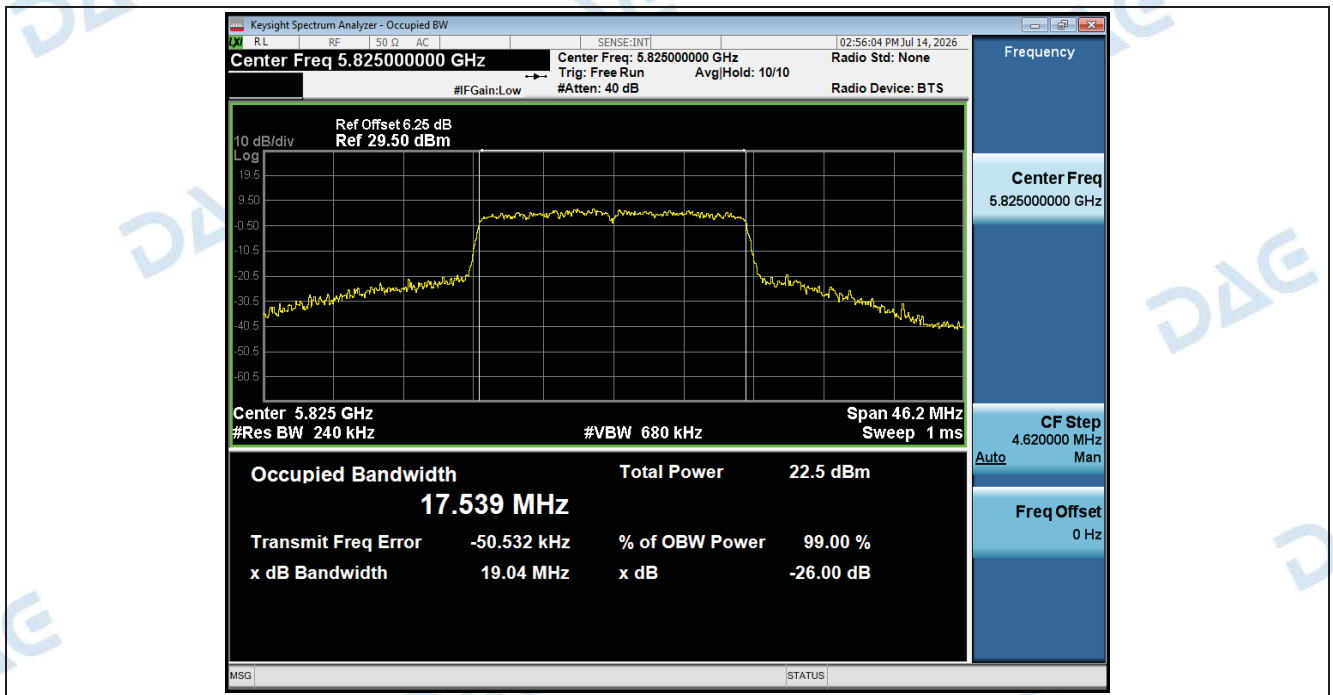


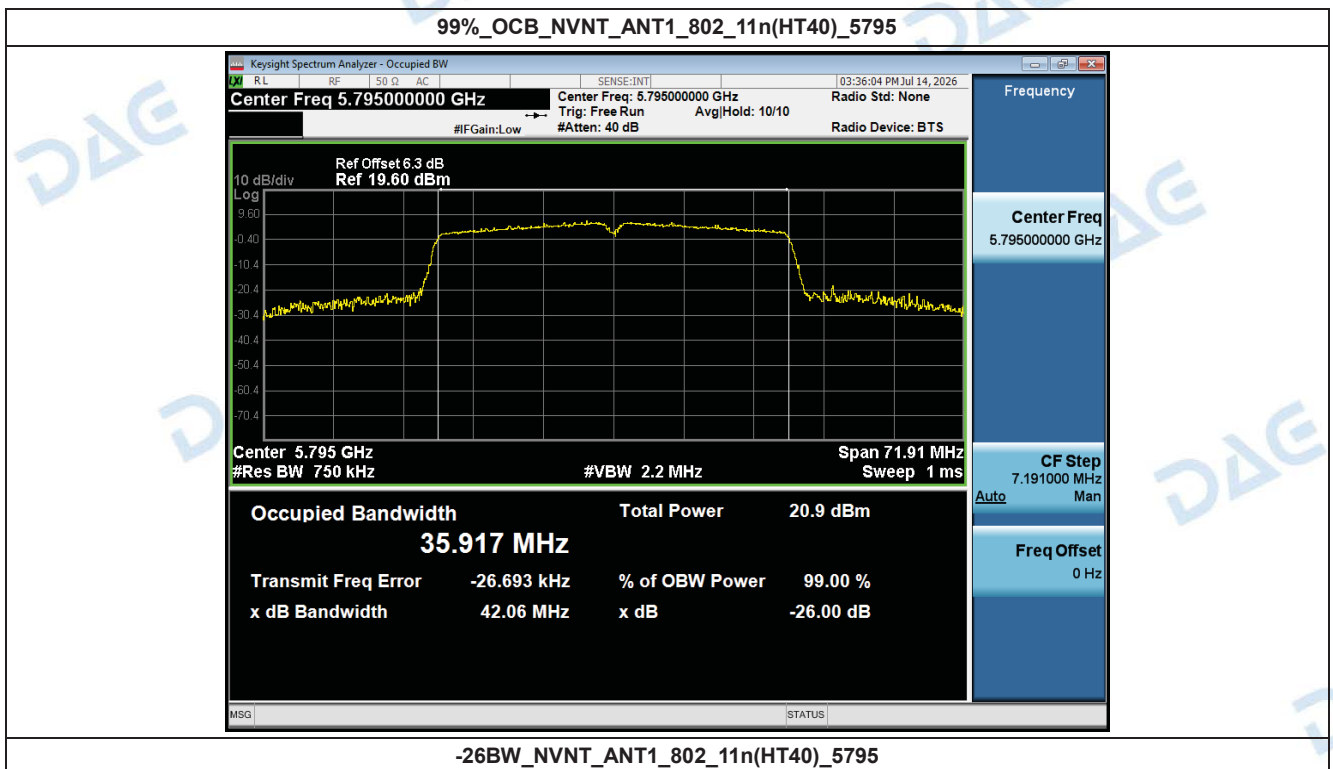
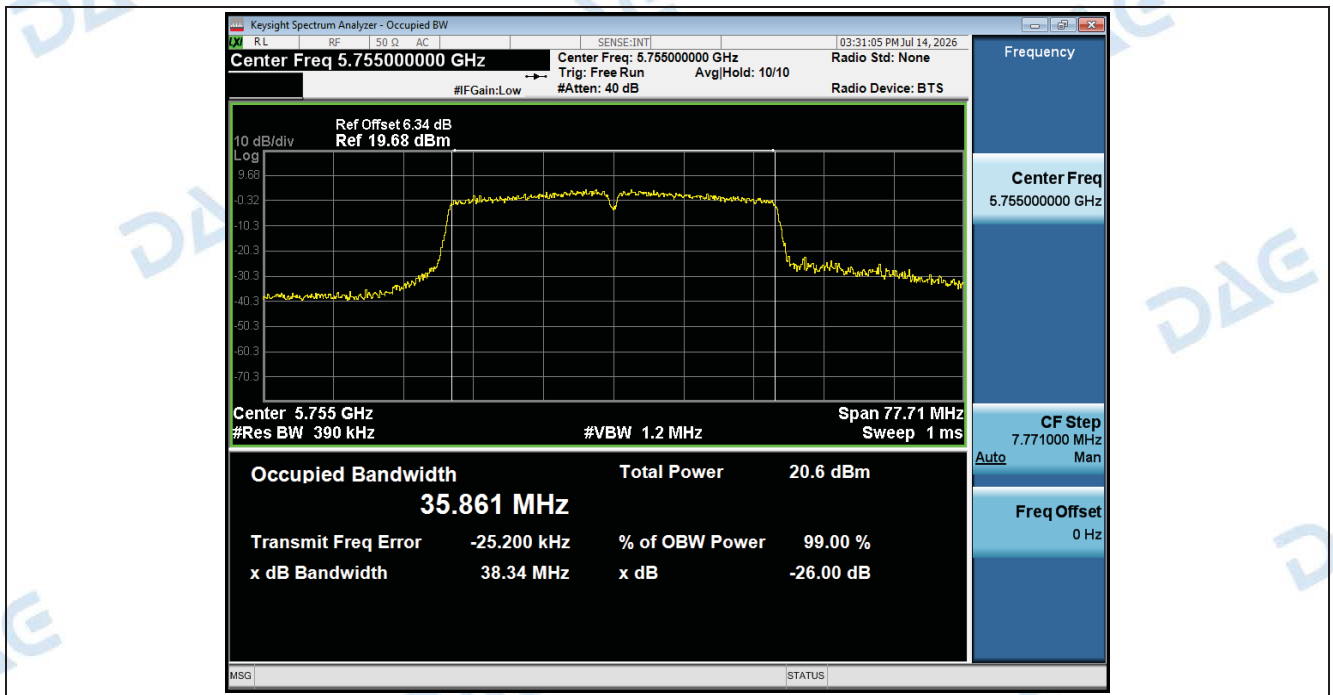
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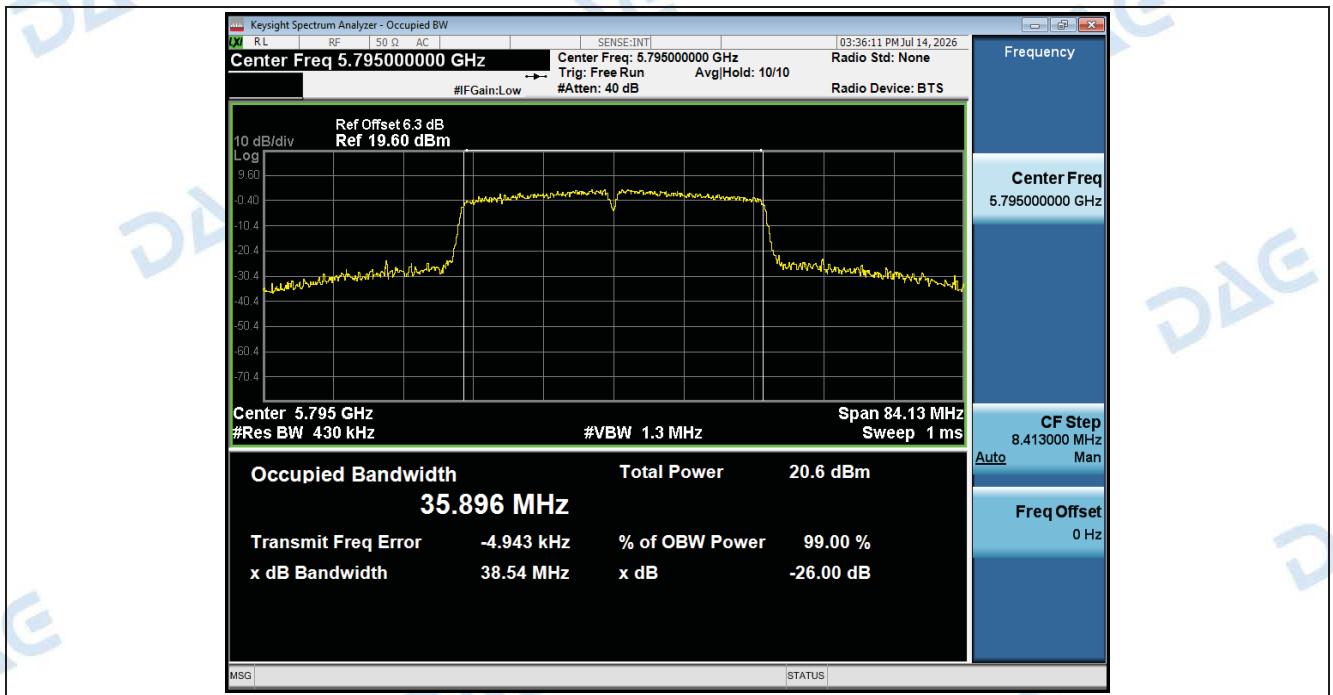
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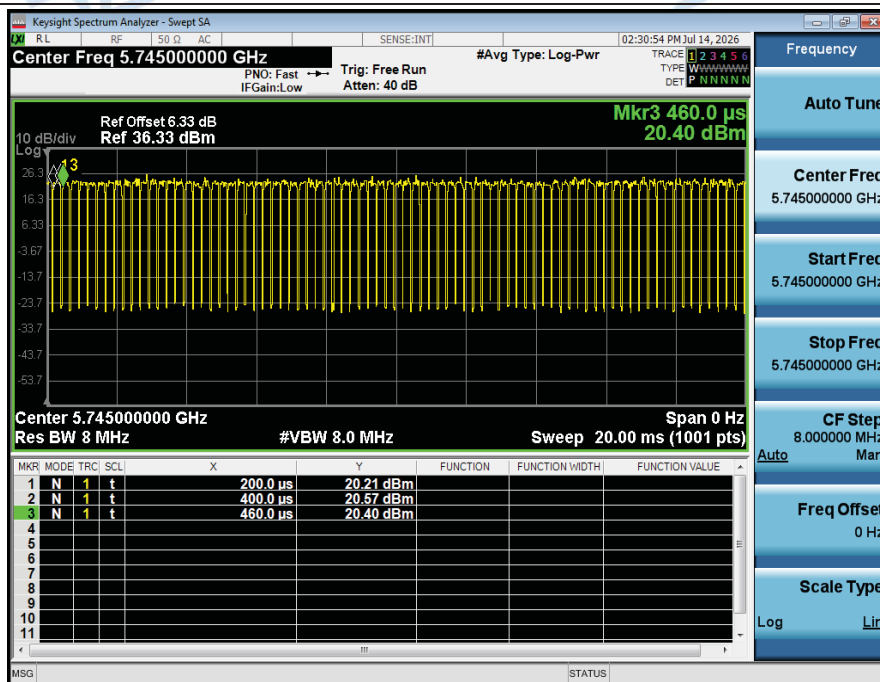
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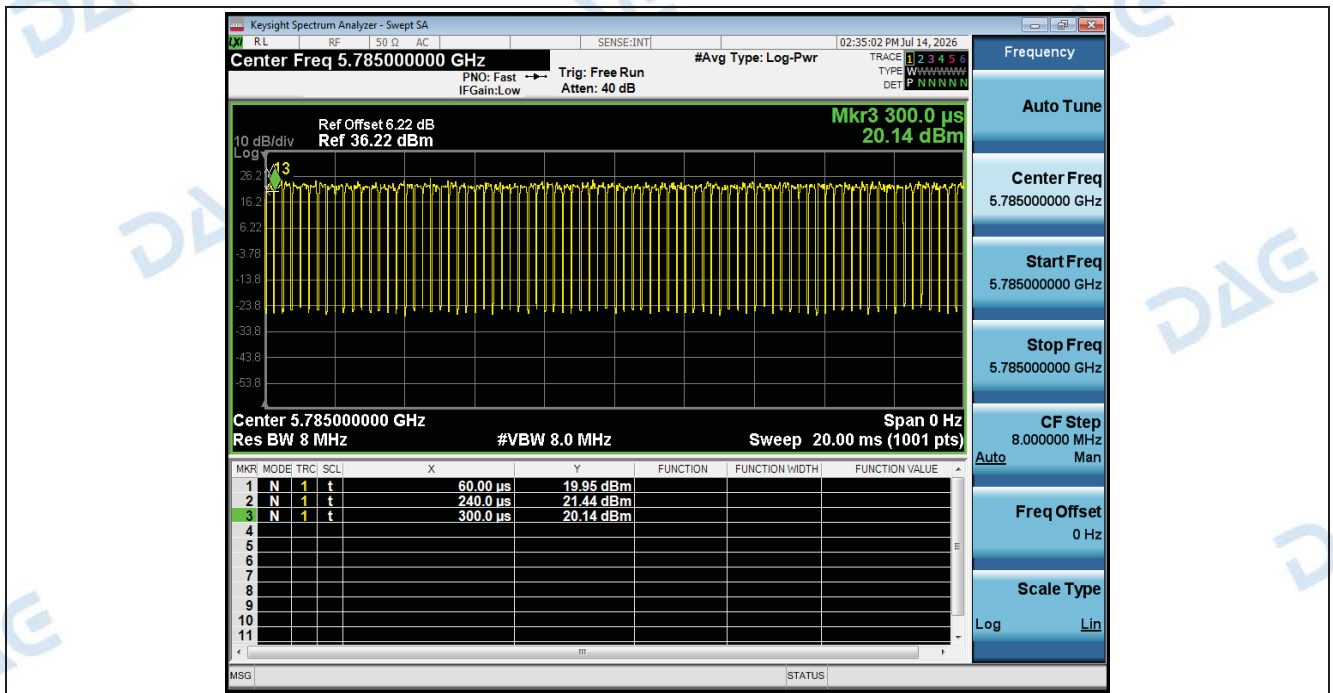
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	76.92	1.14
NVNT	ANT1	802.11a	5785.00	75.00	1.25
NVNT	ANT1	802.11a	5825.00	83.33	0.79
NVNT	ANT1	802.11n(HT20)	5745.00	95.59	0.20
NVNT	ANT1	802.11n(HT20)	5785.00	97.06	0.13
NVNT	ANT1	802.11n(HT20)	5825.00	95.59	0.20
NVNT	ANT1	802.11n(HT40)	5755.00	91.43	0.39
NVNT	ANT1	802.11n(HT40)	5795.00	91.43	0.39

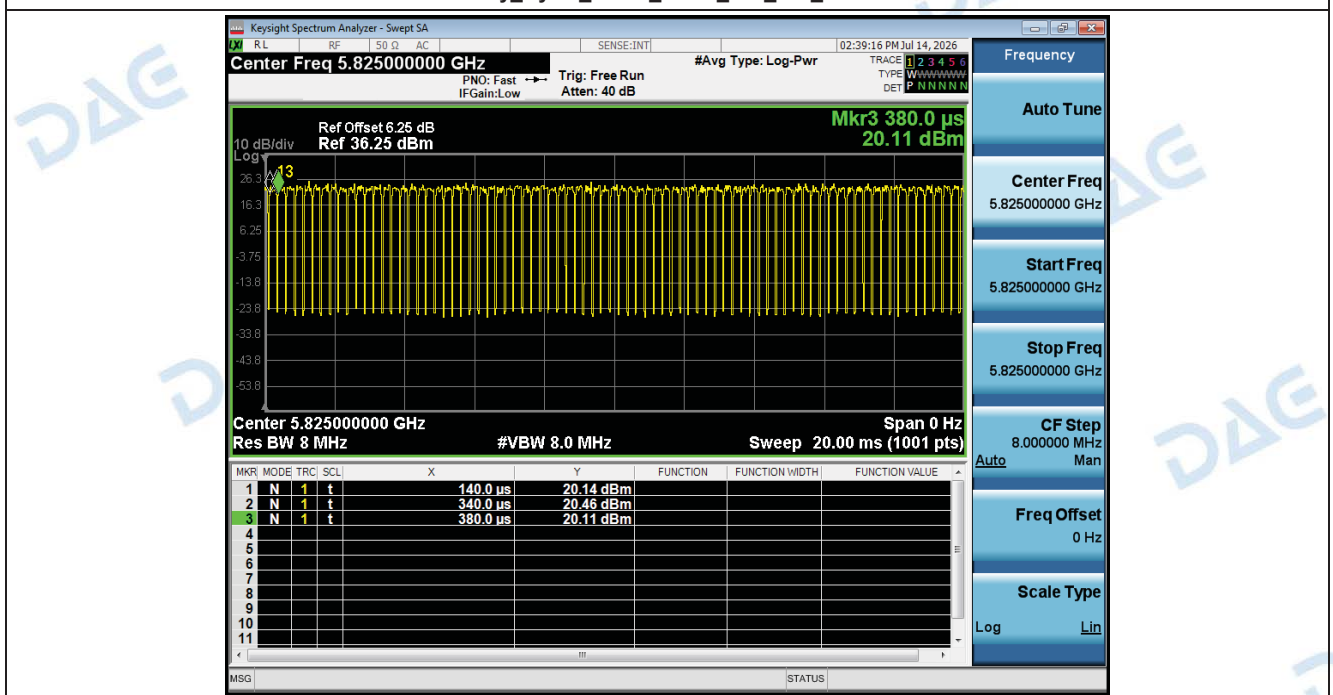
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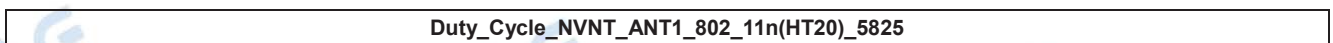
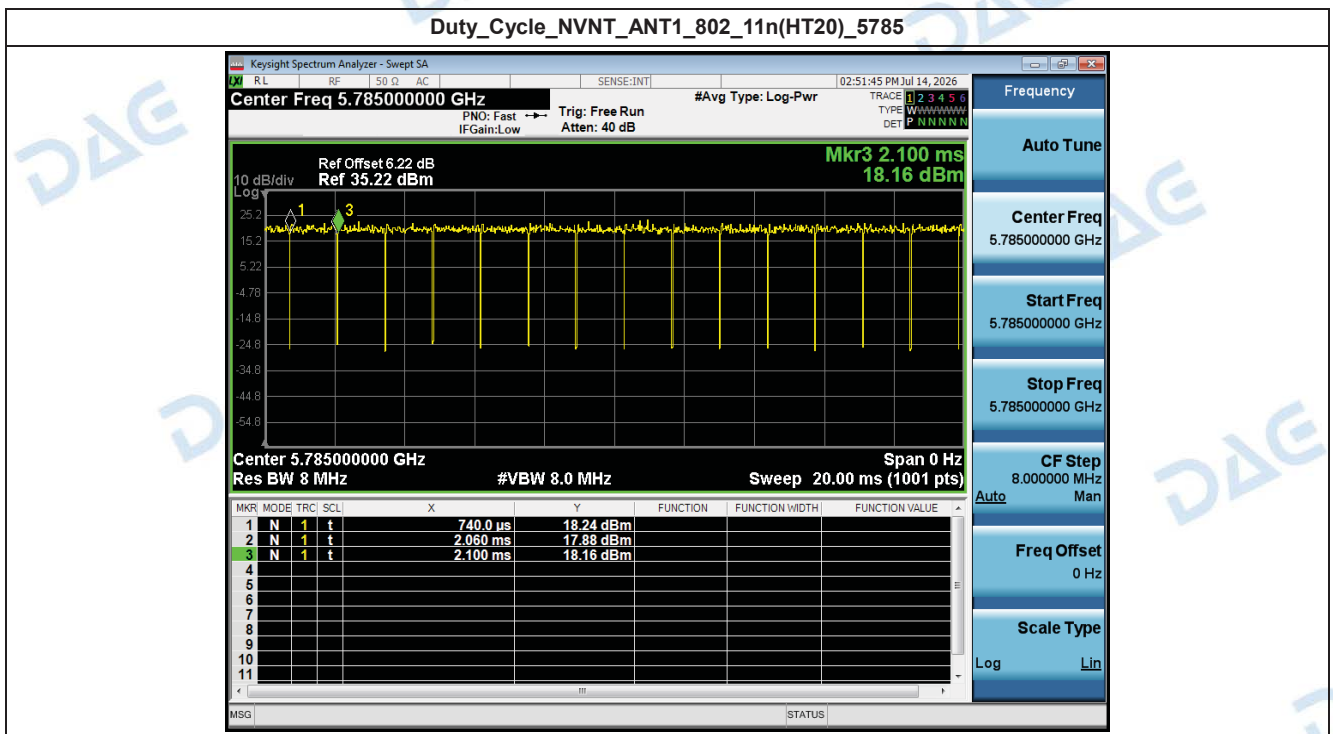
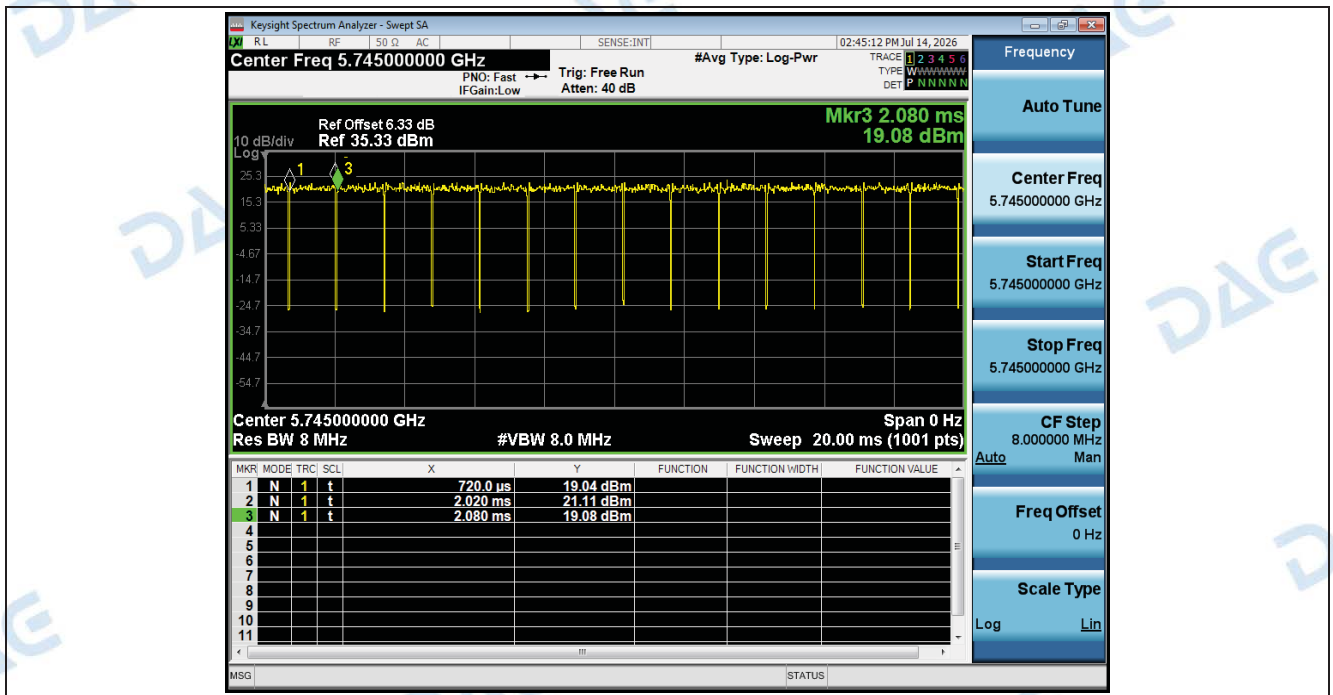
Duty_Cycle_NVNT_ANT1_802_11a_5785

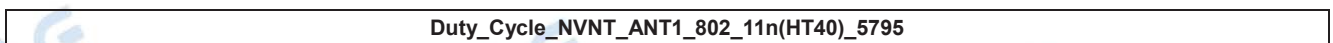
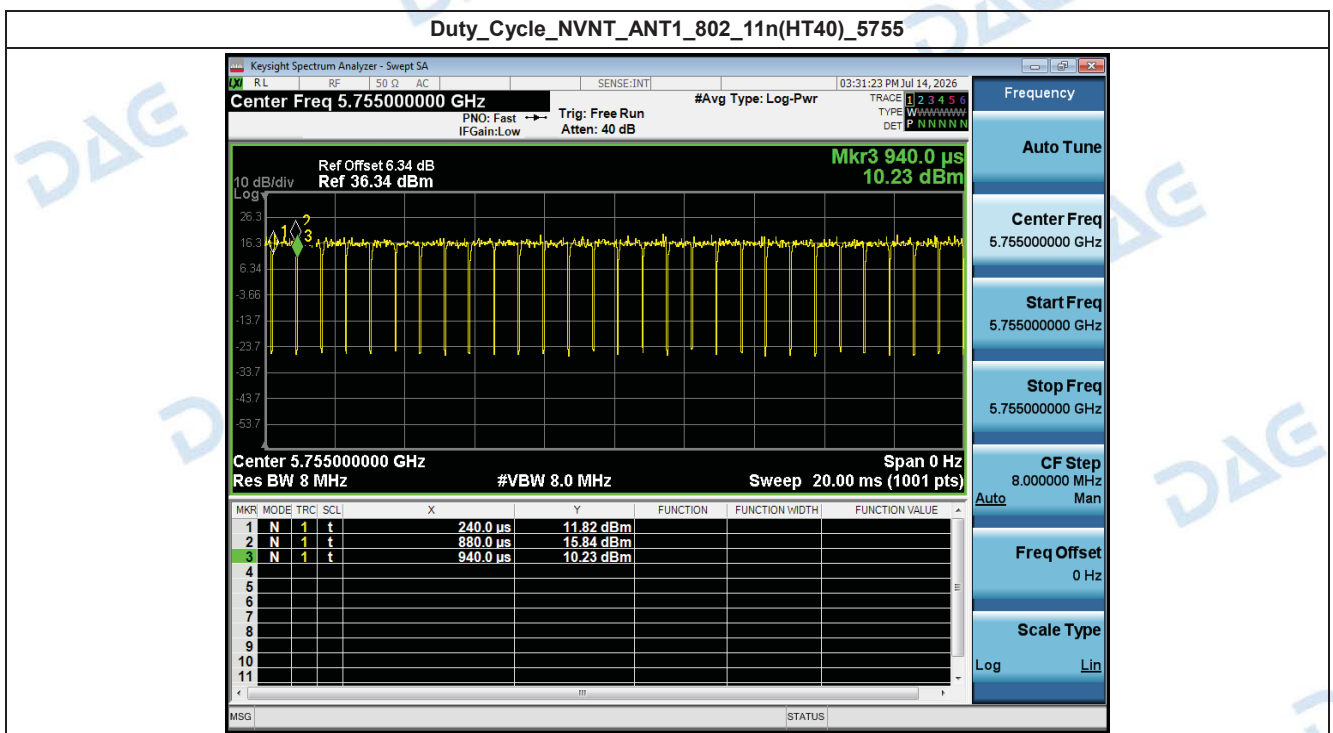
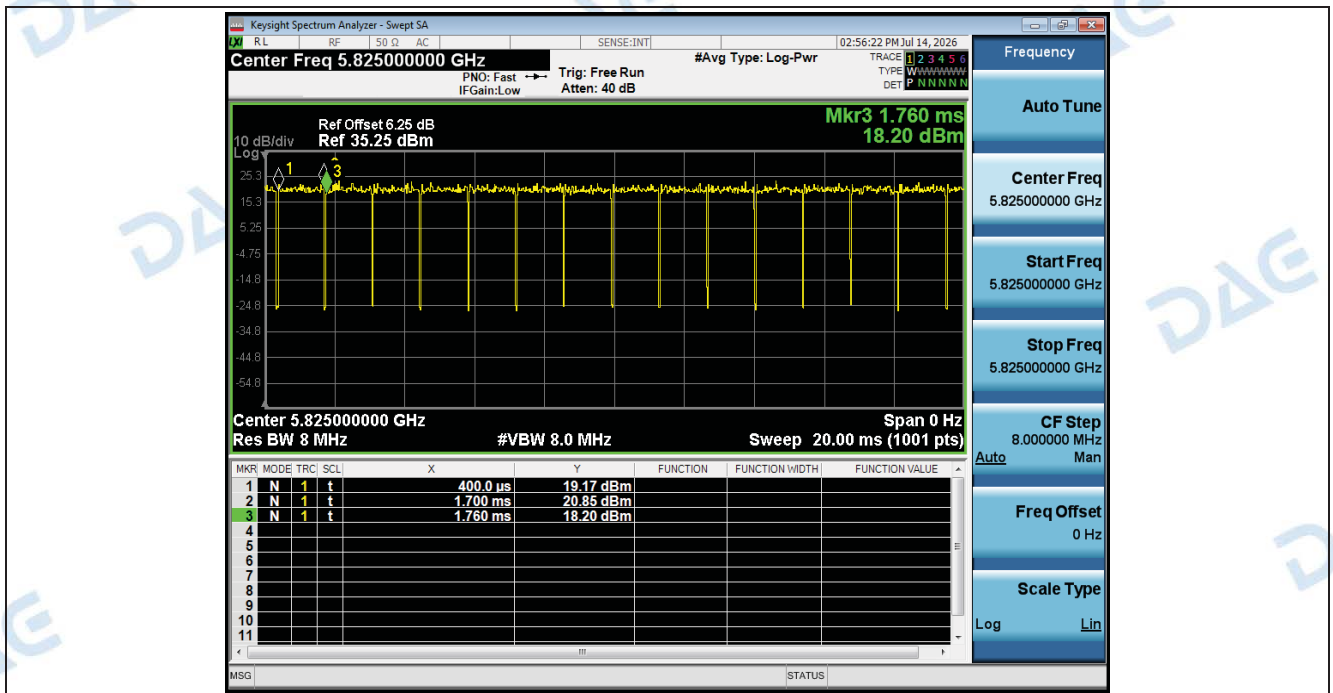


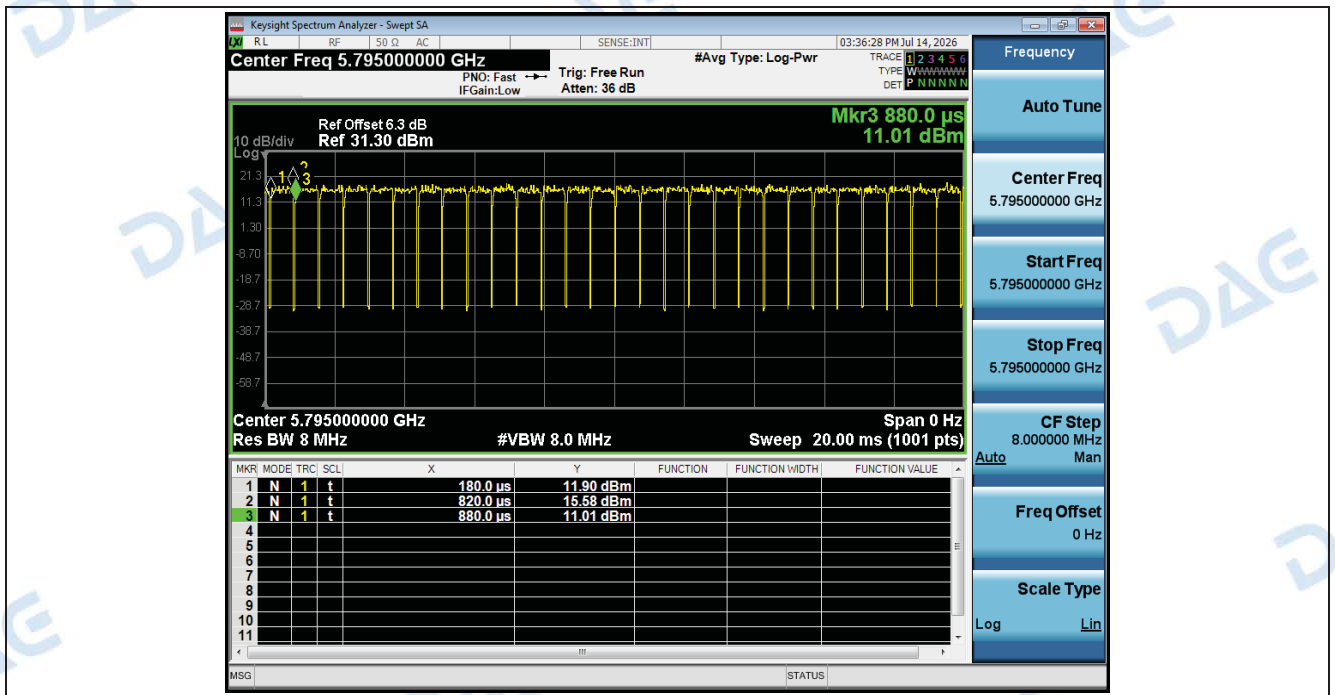
Duty_Cycle_NVNT_ANT1_802_11a_5825



Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5745



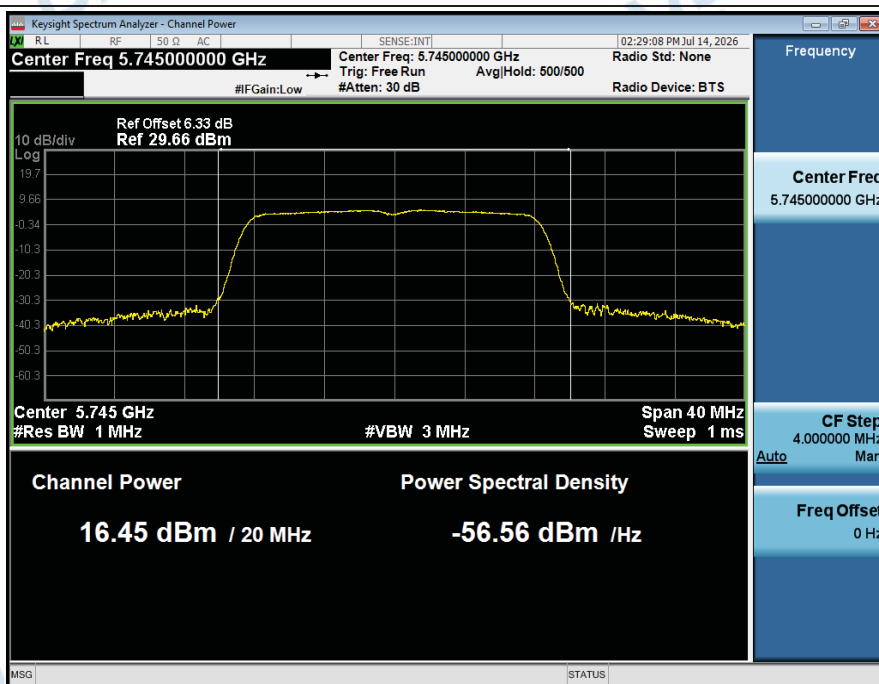




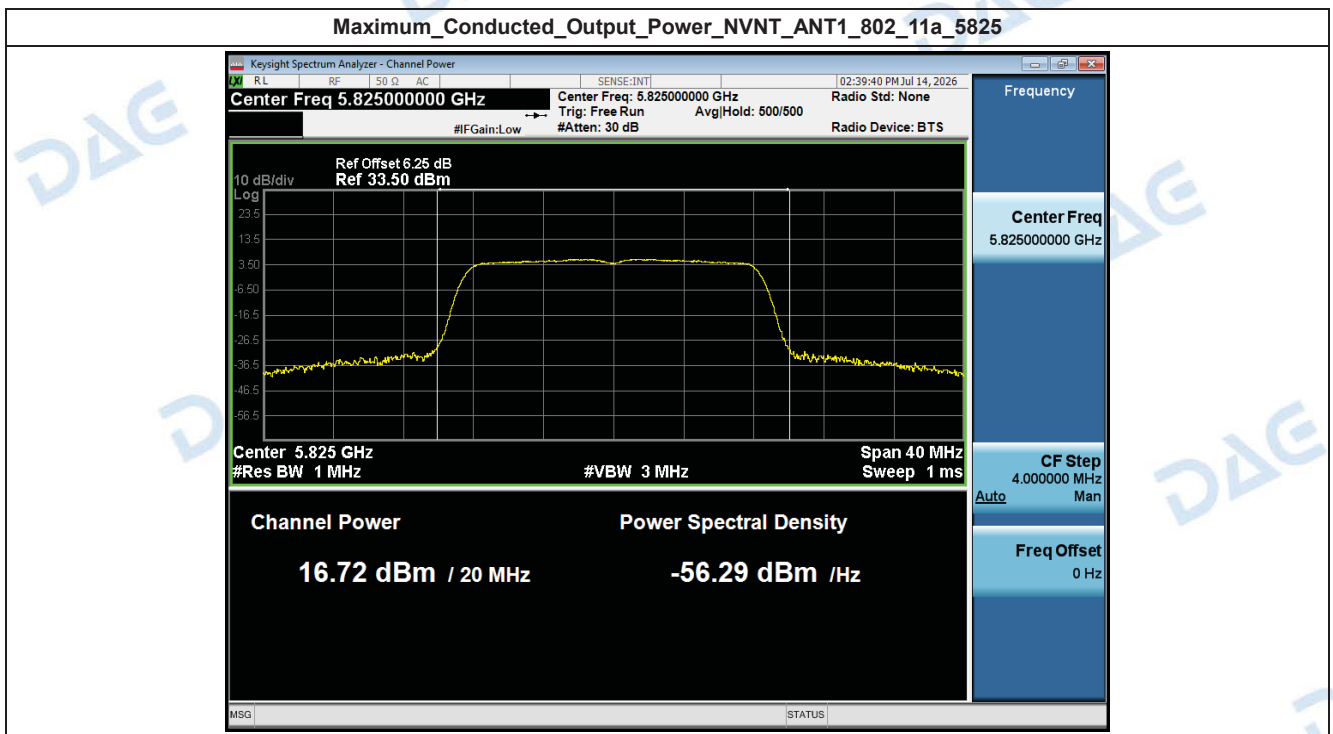
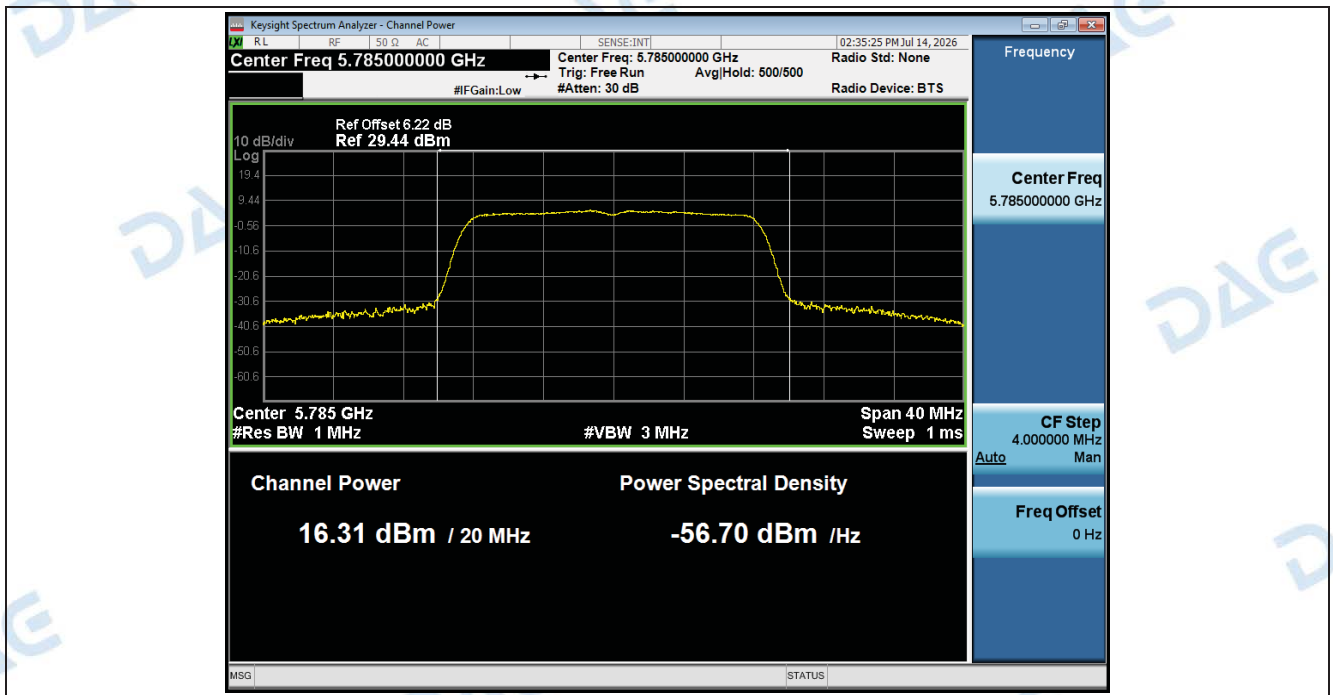
4. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	16.45	0.00	16.45	30	Pass
NVNT	ANT1	802.11a	5785.00	16.31	1.25	17.56	30	Pass
NVNT	ANT1	802.11a	5825.00	16.72	0.79	17.51	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	15.61	0.20	15.81	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	15.46	0.13	15.59	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	15.91	0.20	16.11	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	13.68	0.39	14.07	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	13.72	0.39	14.11	30	Pass

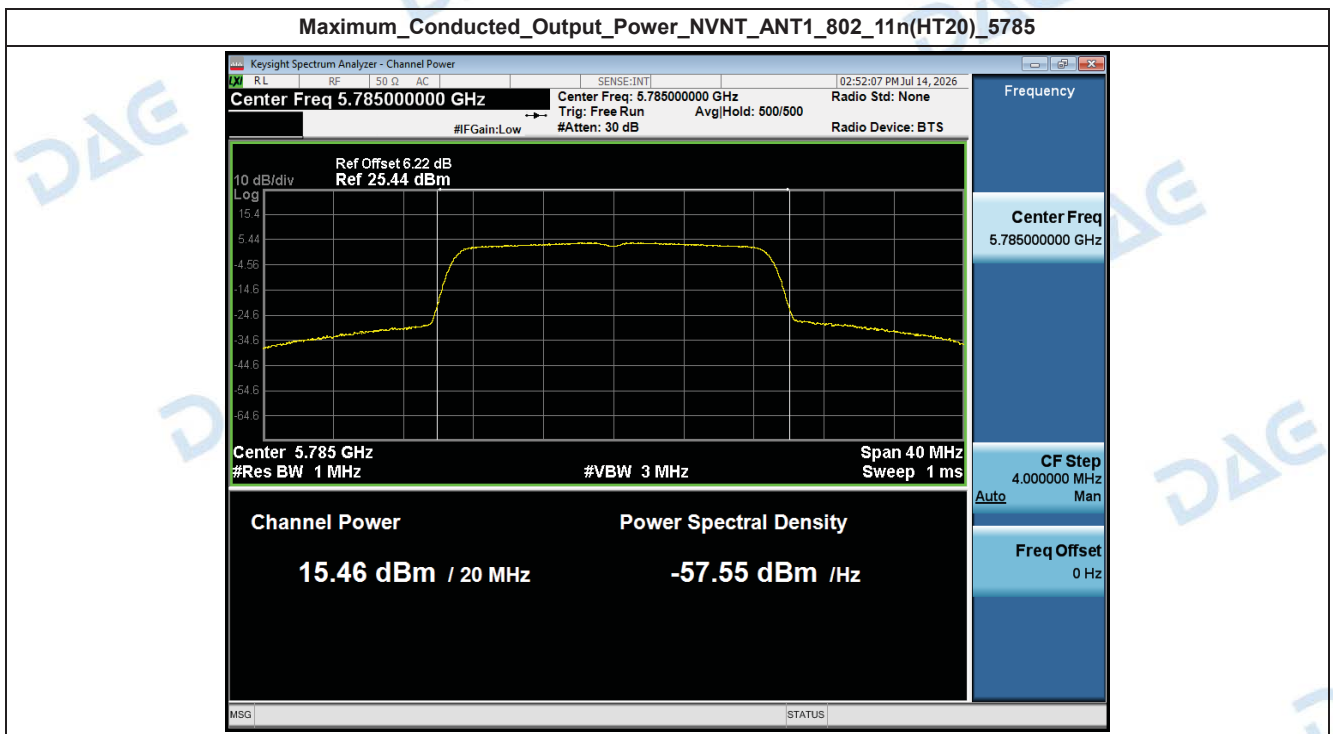
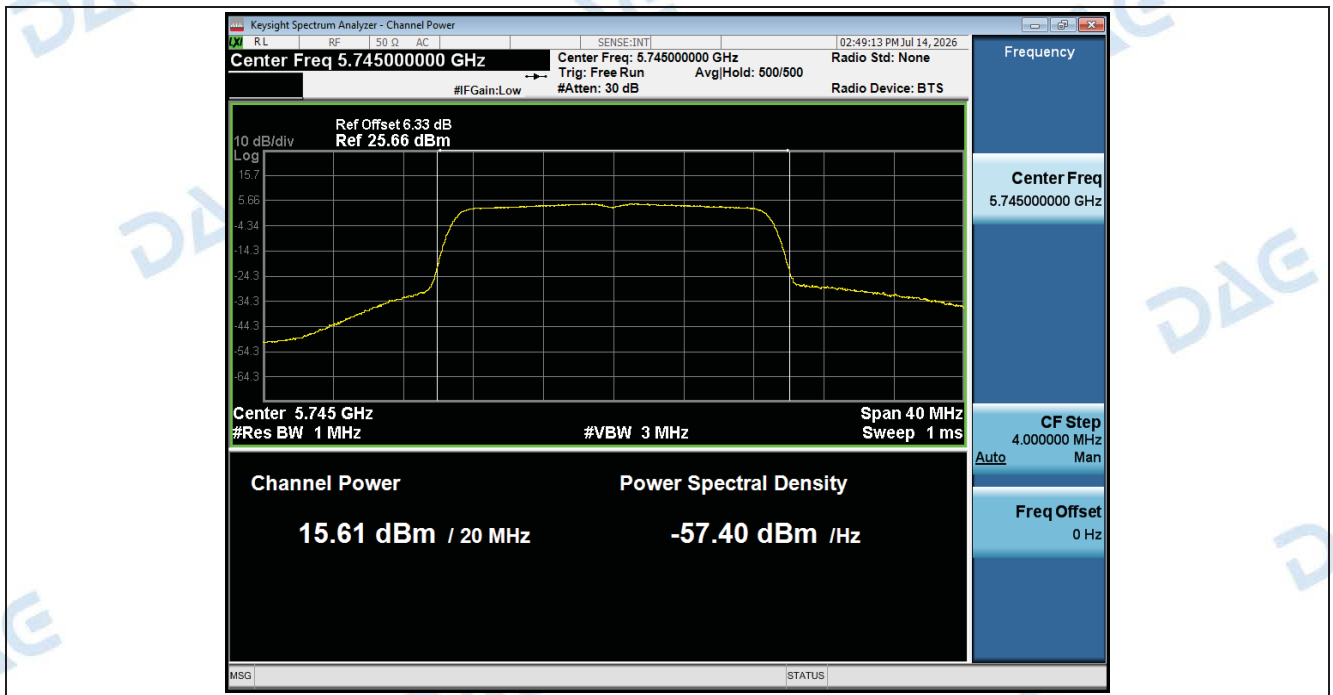
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5745



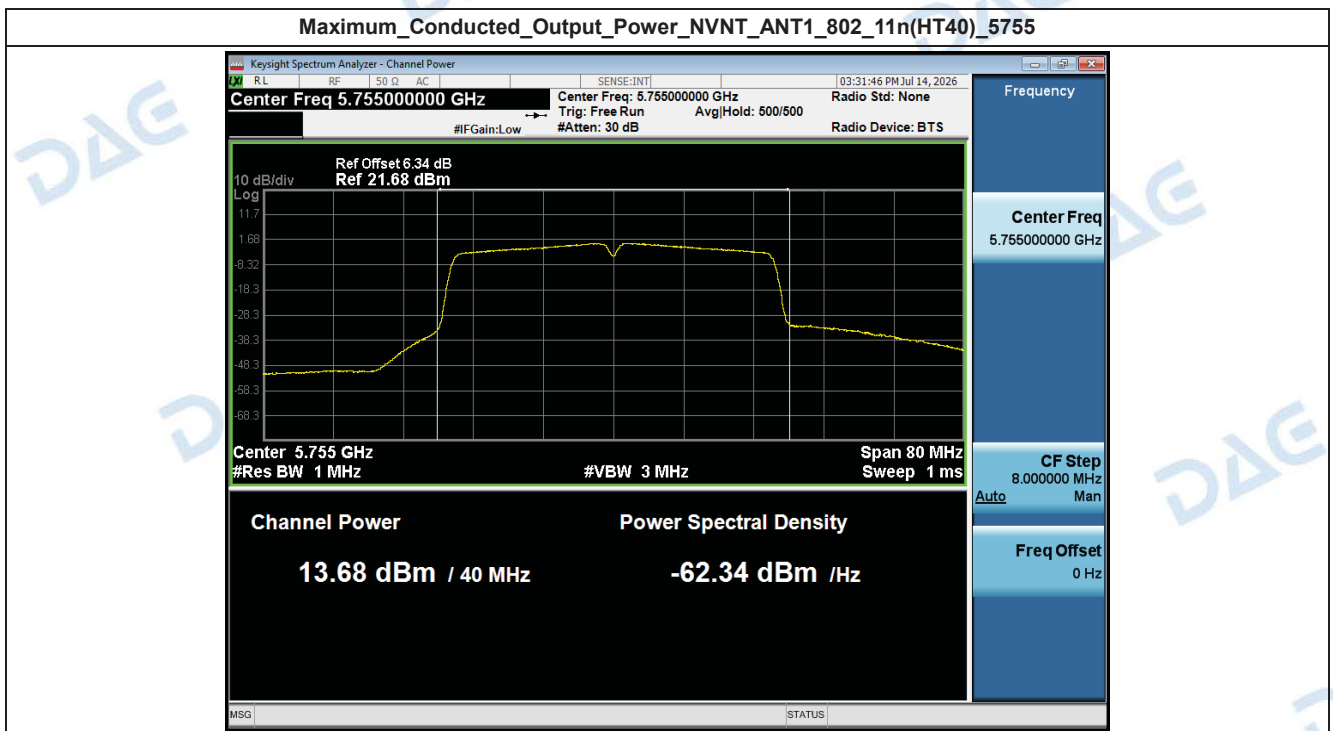
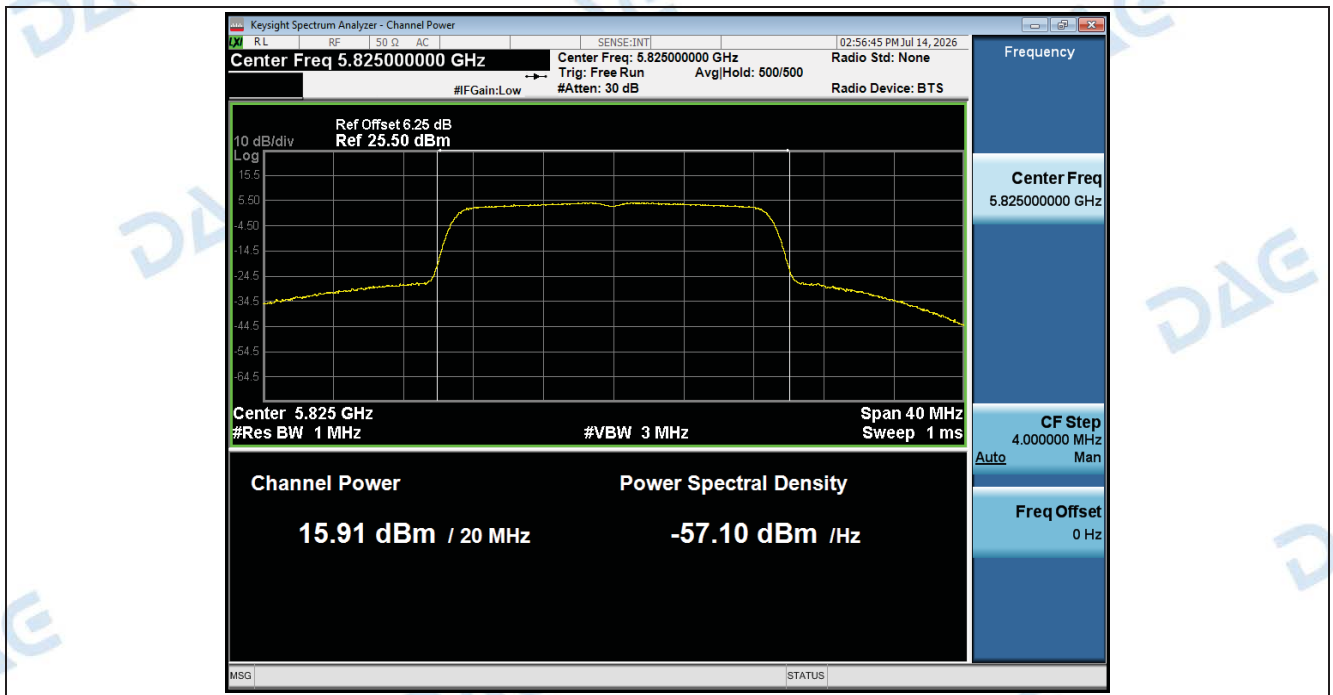
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



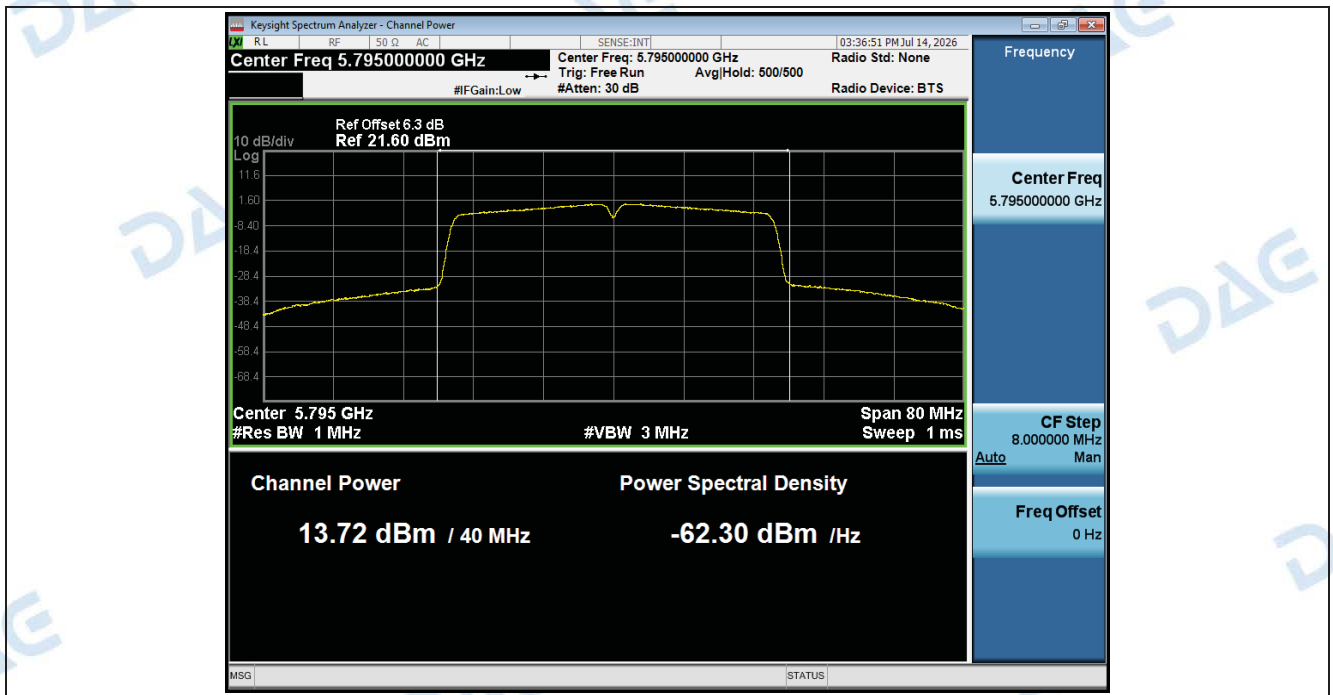
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5745



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5825

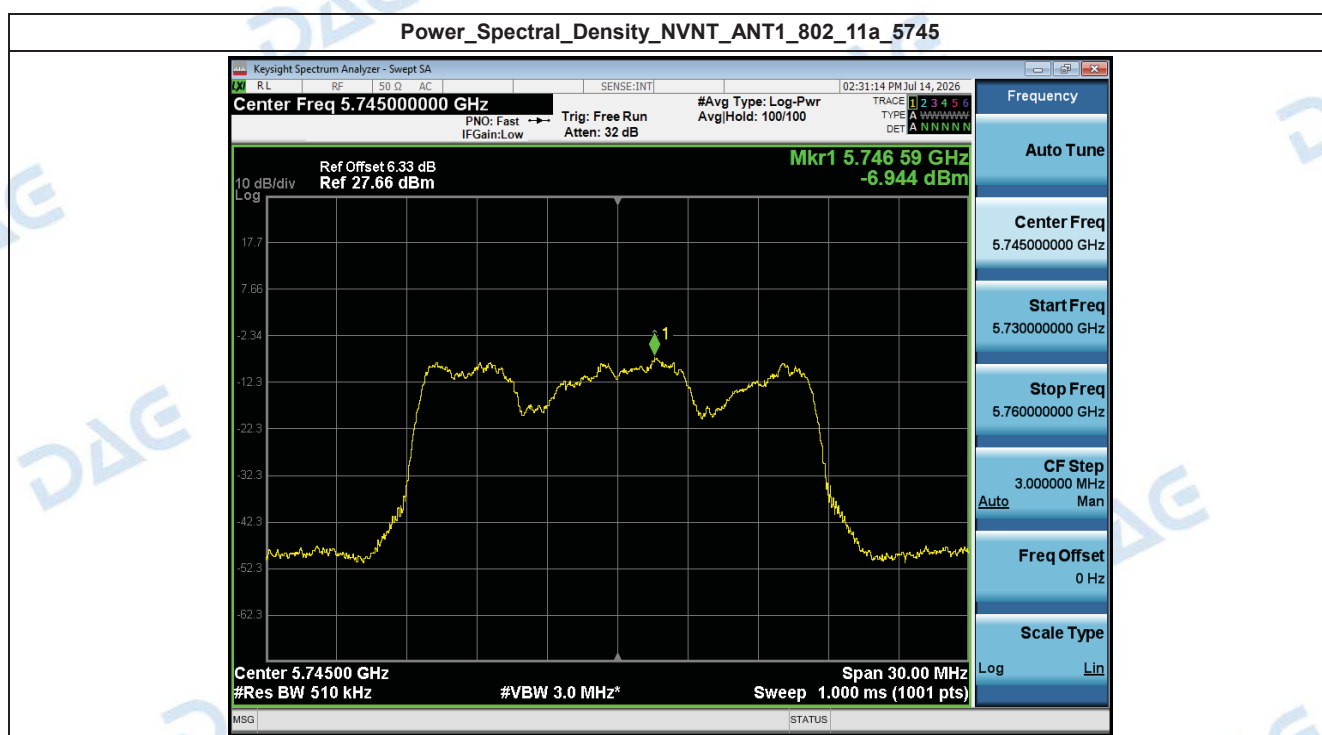


Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5795

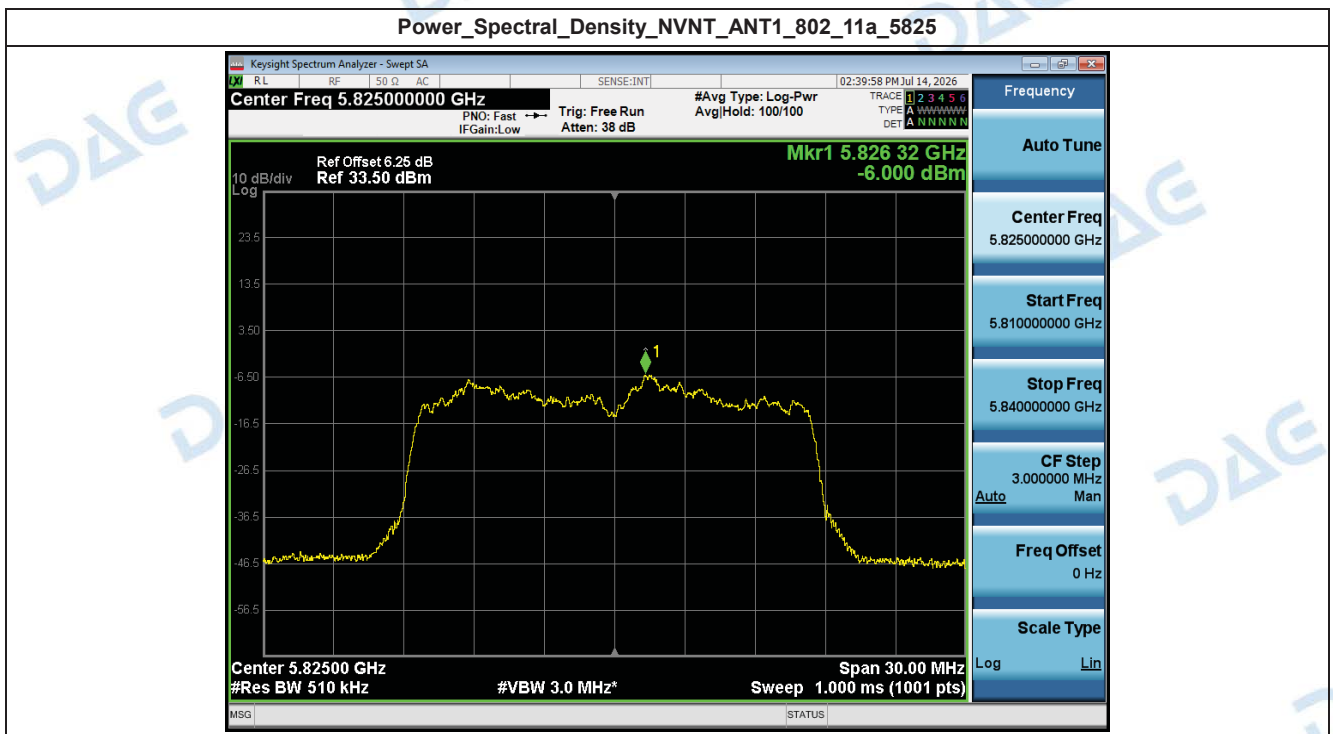
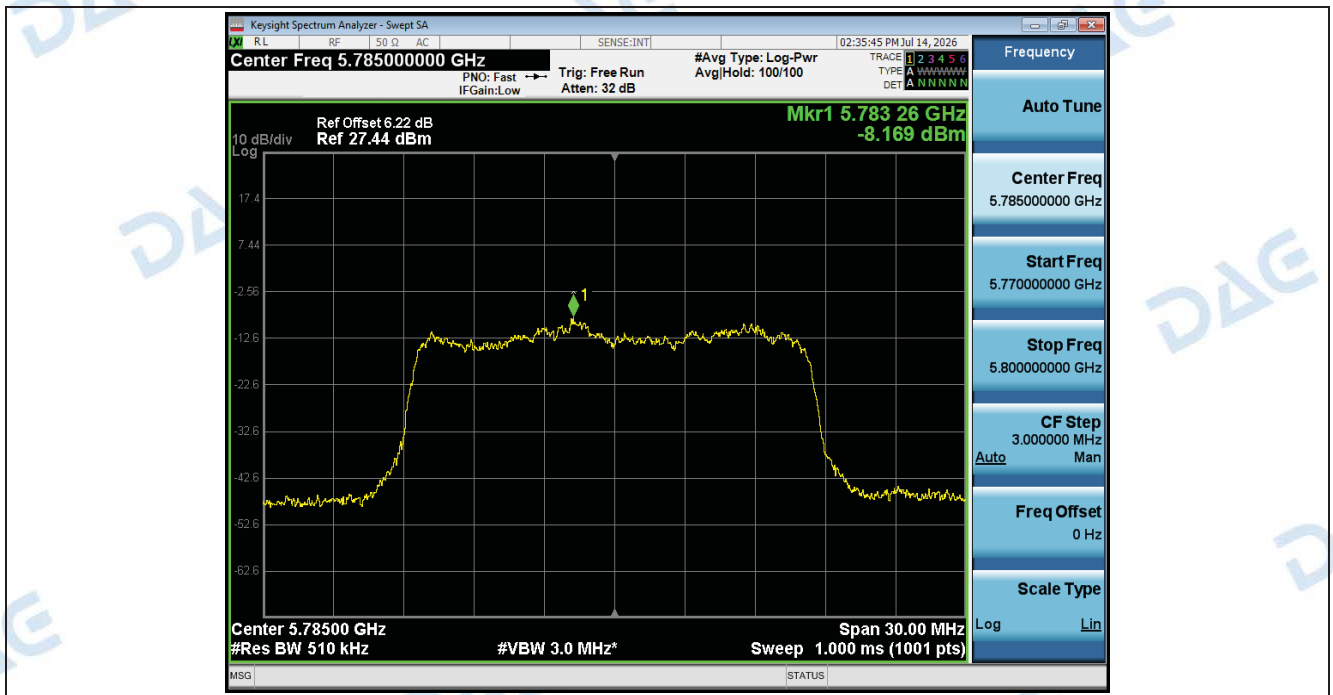


5. Power Spectral Density

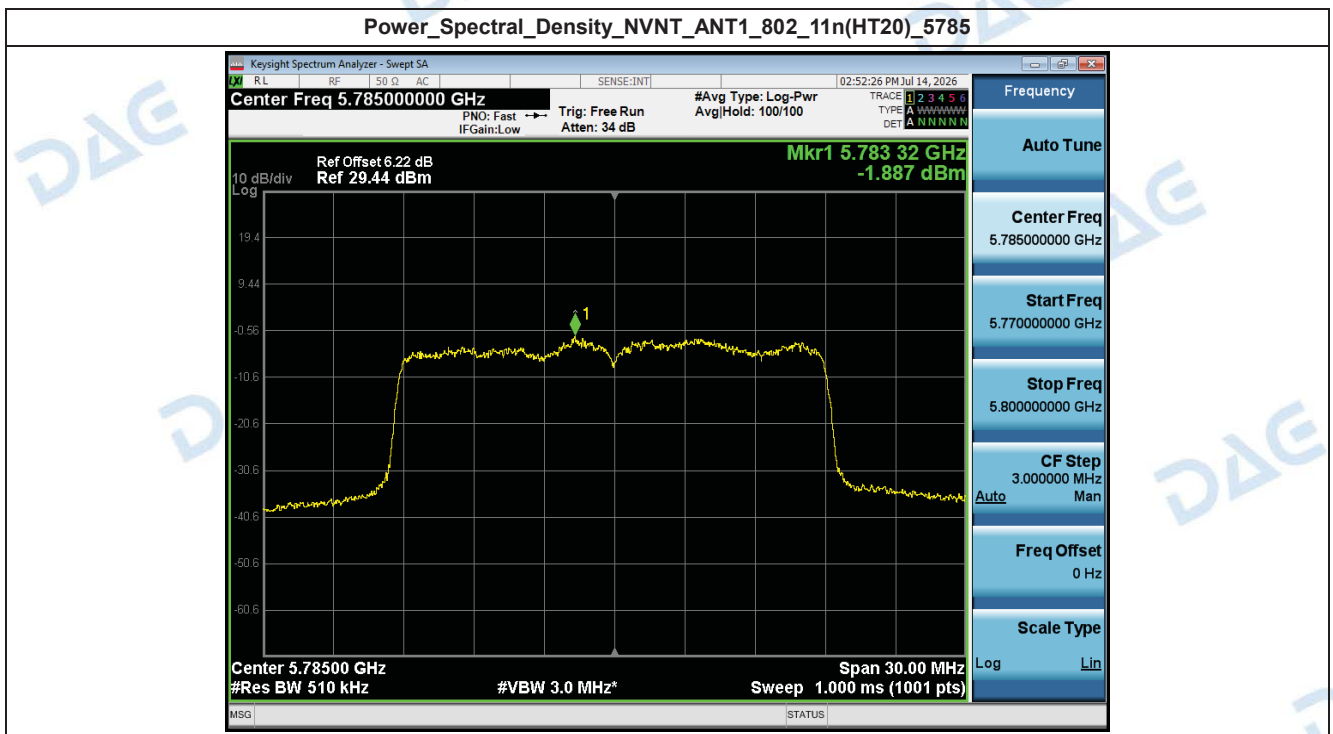
Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA(dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD(dBm/500kHz)	limit(dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-6.94	1.14	-0.09	-5.89	30	Pass
NVNT	ANT1	802.11a	5785.00	-8.17	1.25	-0.09	-7.01	30	Pass
NVNT	ANT1	802.11a	5825.00	-6.00	0.79	-0.09	-5.30	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-1.26	0.20	-0.09	-1.15	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-1.89	0.13	-0.09	-1.84	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-1.21	0.20	-0.09	-1.10	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-7.58	0.39	-0.09	-7.27	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-7.72	0.39	-0.09	-7.41	30	Pass

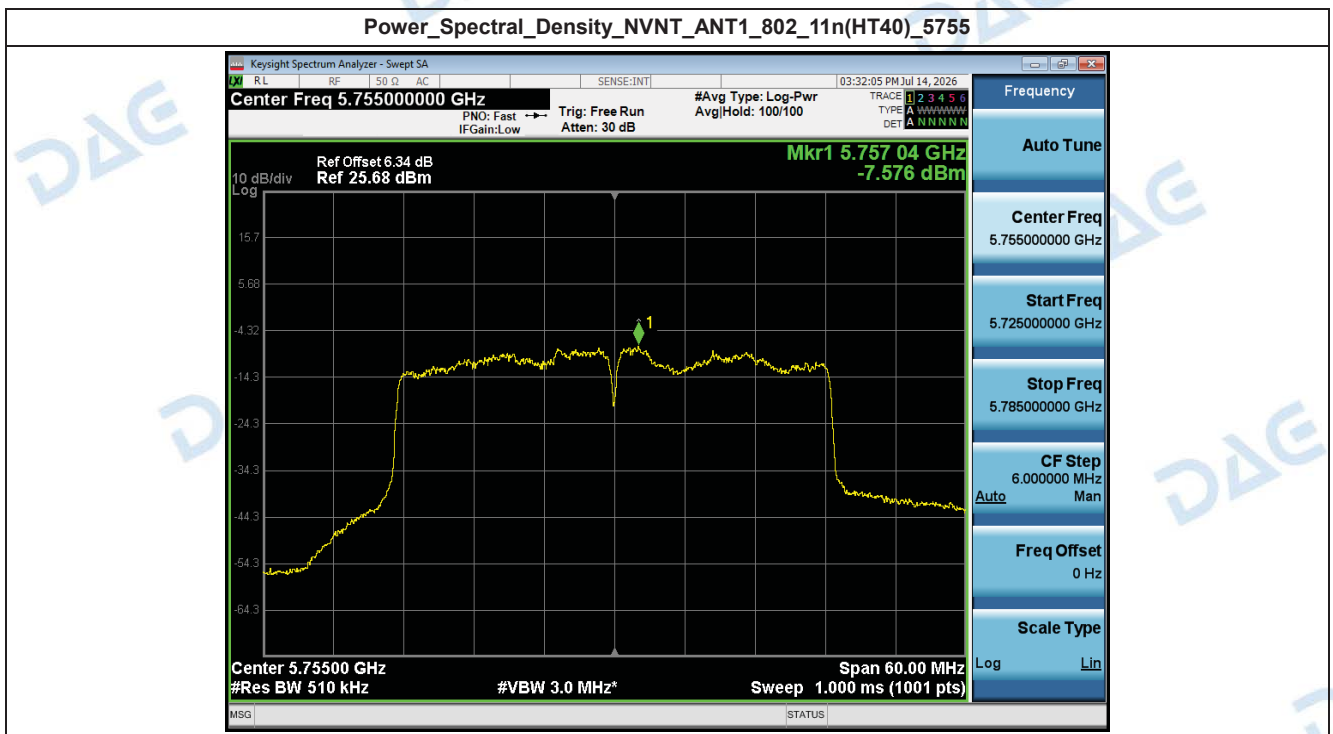
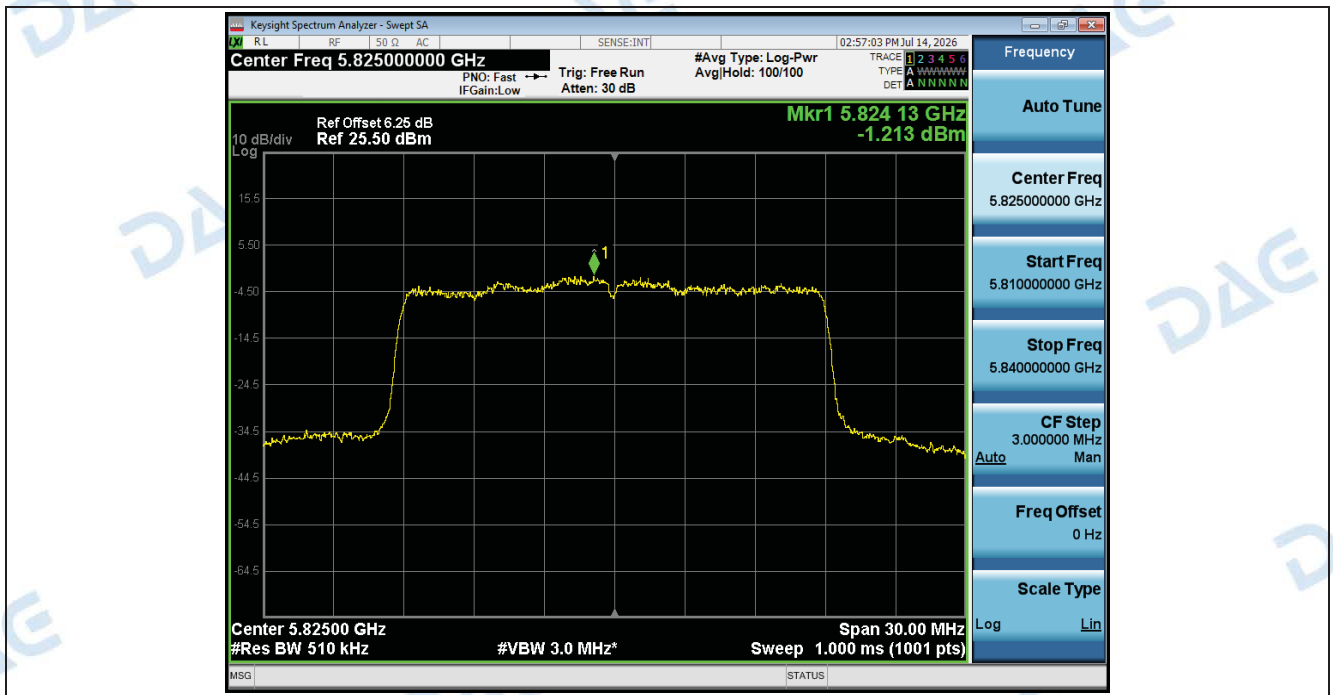


Power Spectral Density NVNT_ANT1_802_11a_5785



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745





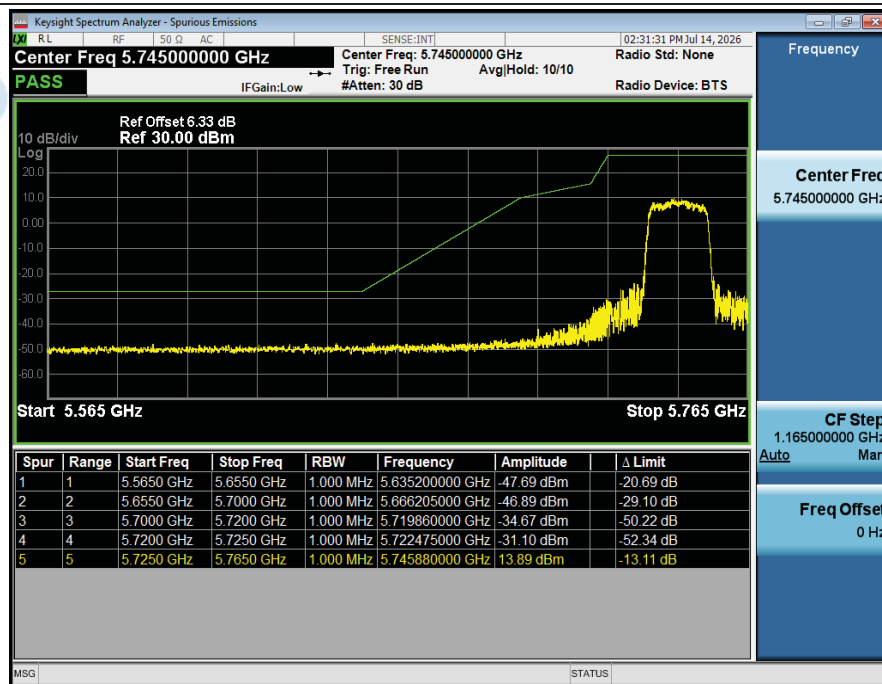
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5795



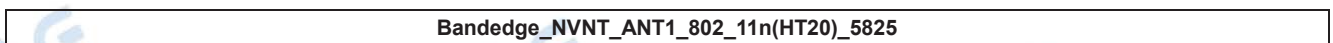
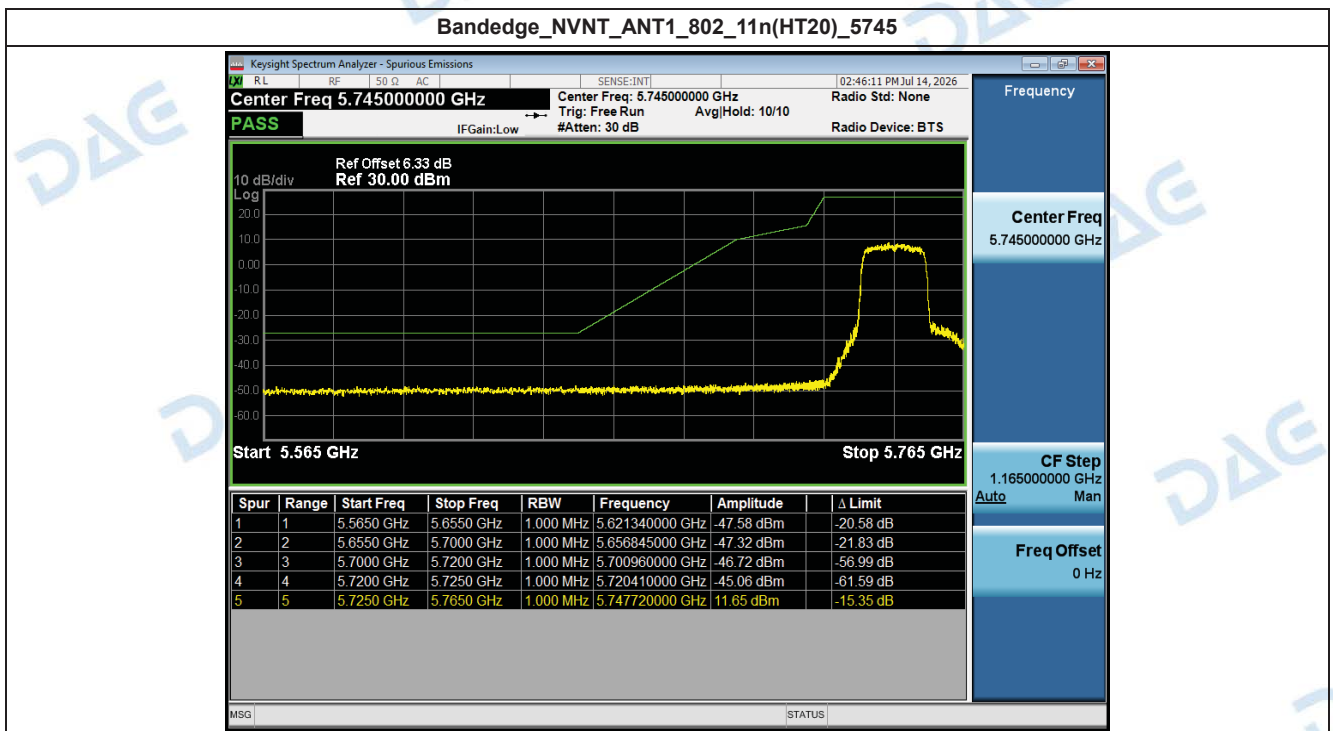
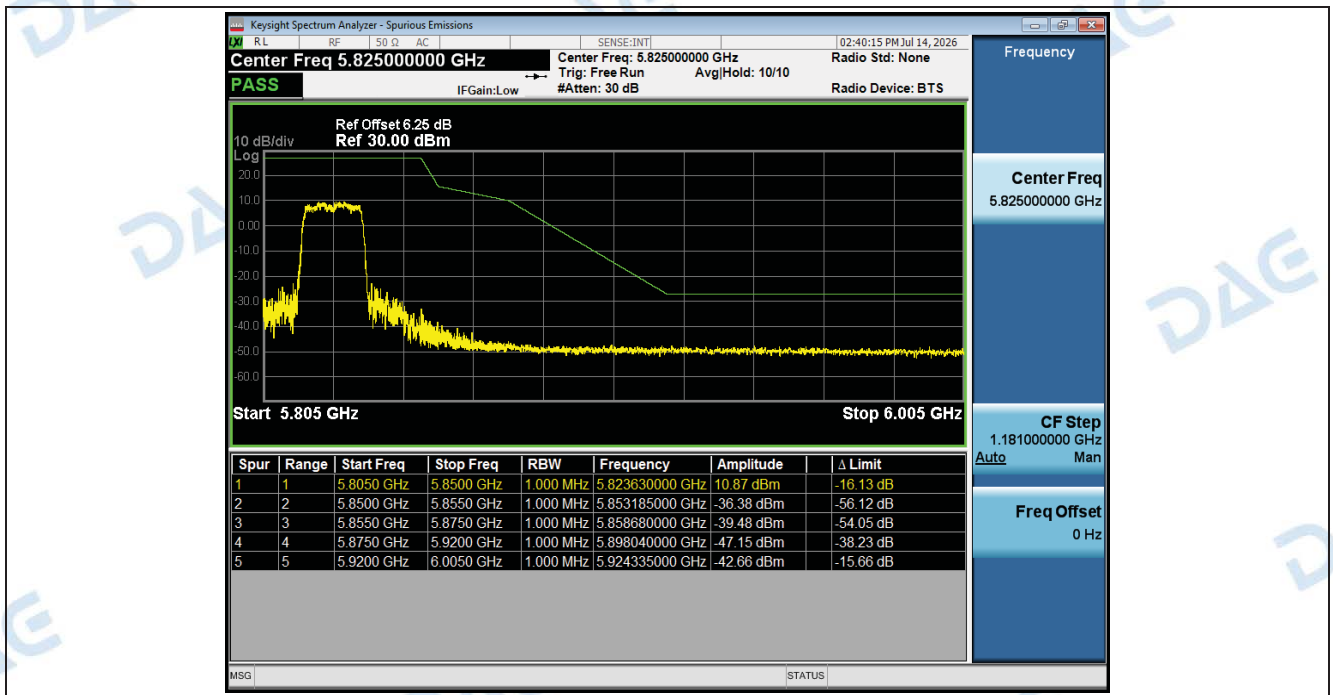
6. Bandedge

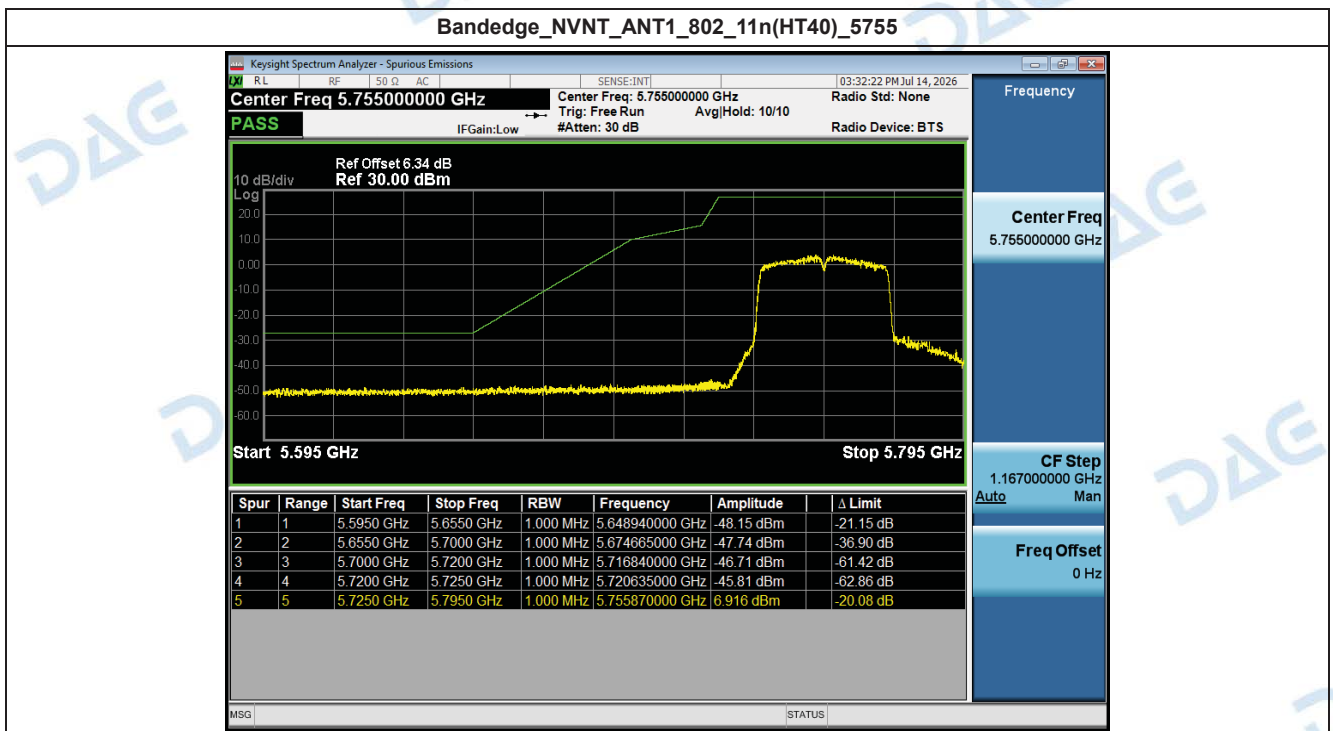
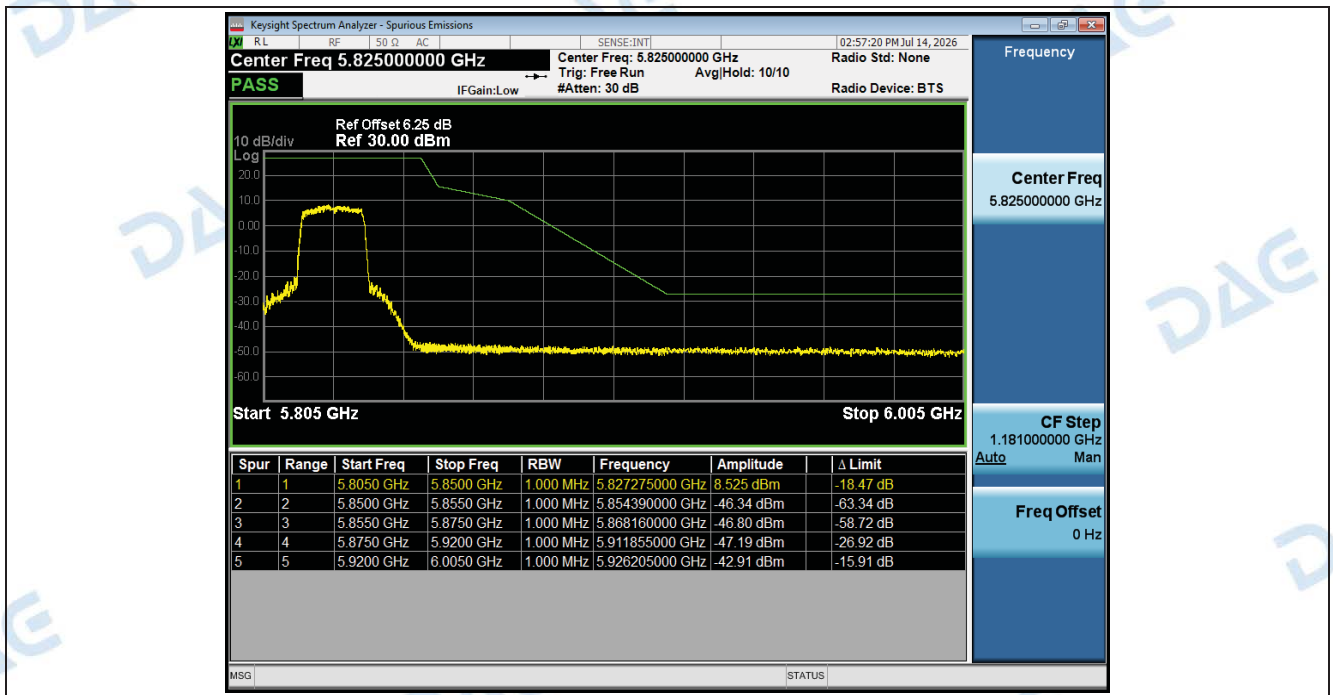
Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5635.200	-47.69	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5666.205	-46.89	-17.79	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5719.860	-34.67	15.56	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.475	-31.10	21.24	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5853.185	-36.38	19.74	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5858.680	-39.48	14.57	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5898.040	-47.15	-8.94	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5924.335	-42.66	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5621.340	-47.58	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5656.845	-47.32	-25.48	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5700.960	-46.72	10.27	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5720.410	-45.06	16.53	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5854.390	-46.34	16.99	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5868.160	-46.80	11.92	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5911.855	-47.19	-20.30	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5926.205	-42.91	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5648.940	-48.15	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5674.665	-47.74	-10.83	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5716.840	-46.71	14.72	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5720.635	-45.81	17.05	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.175	-47.12	17.48	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5873.940	-47.00	10.30	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5913.295	-47.29	-21.49	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5927.280	-43.44	-27.00	Pass

Bandedge_NVNT_ANT1_802_11a_5745



Bandedge_NVNT_ANT1_802_11a_5825





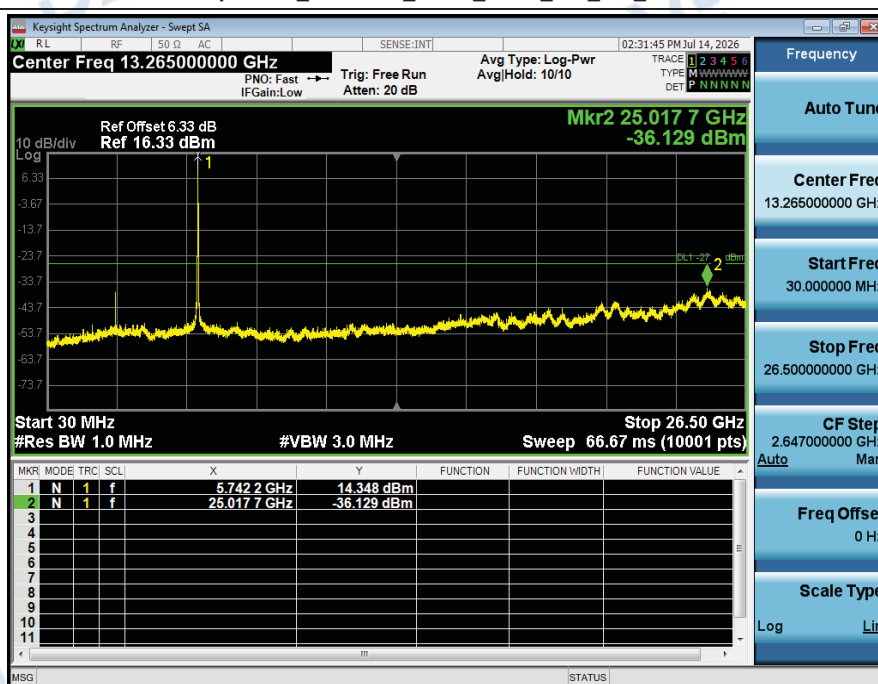
Bandedge_NVNT_ANT1_802_11n(HT40)_5795



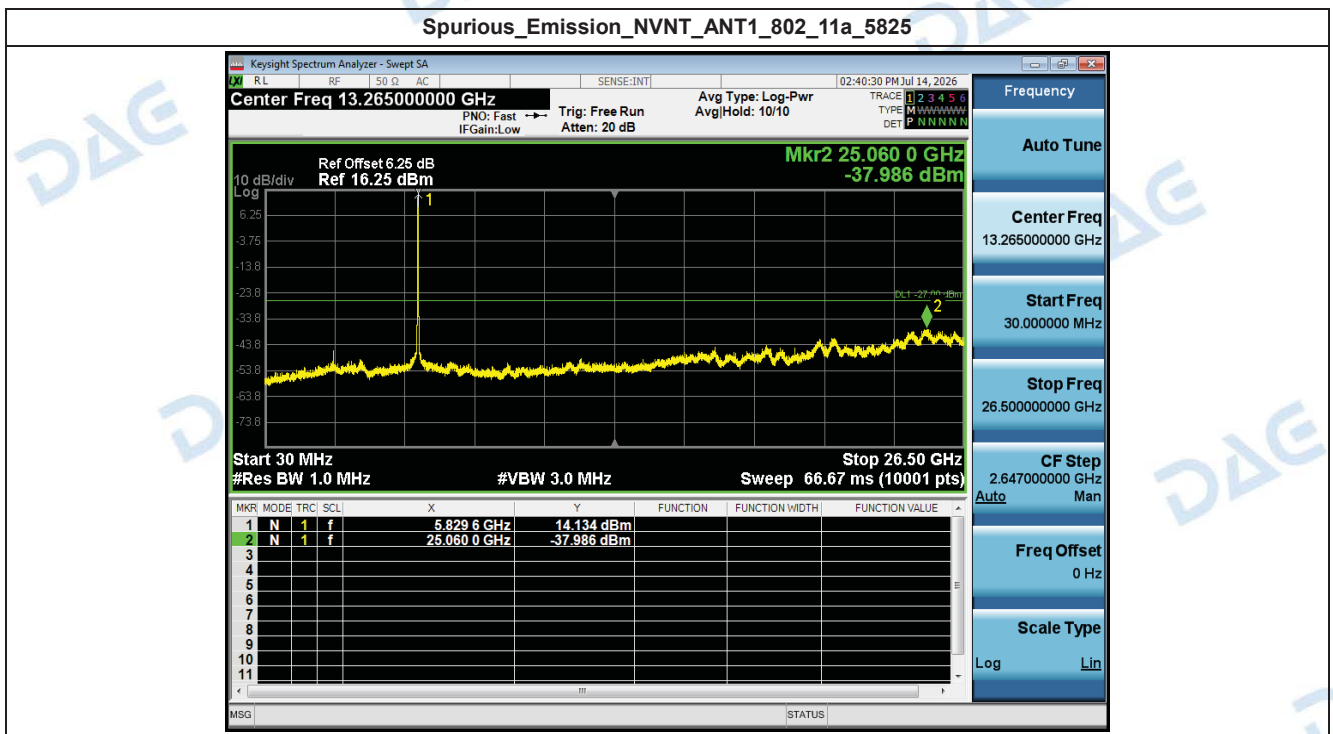
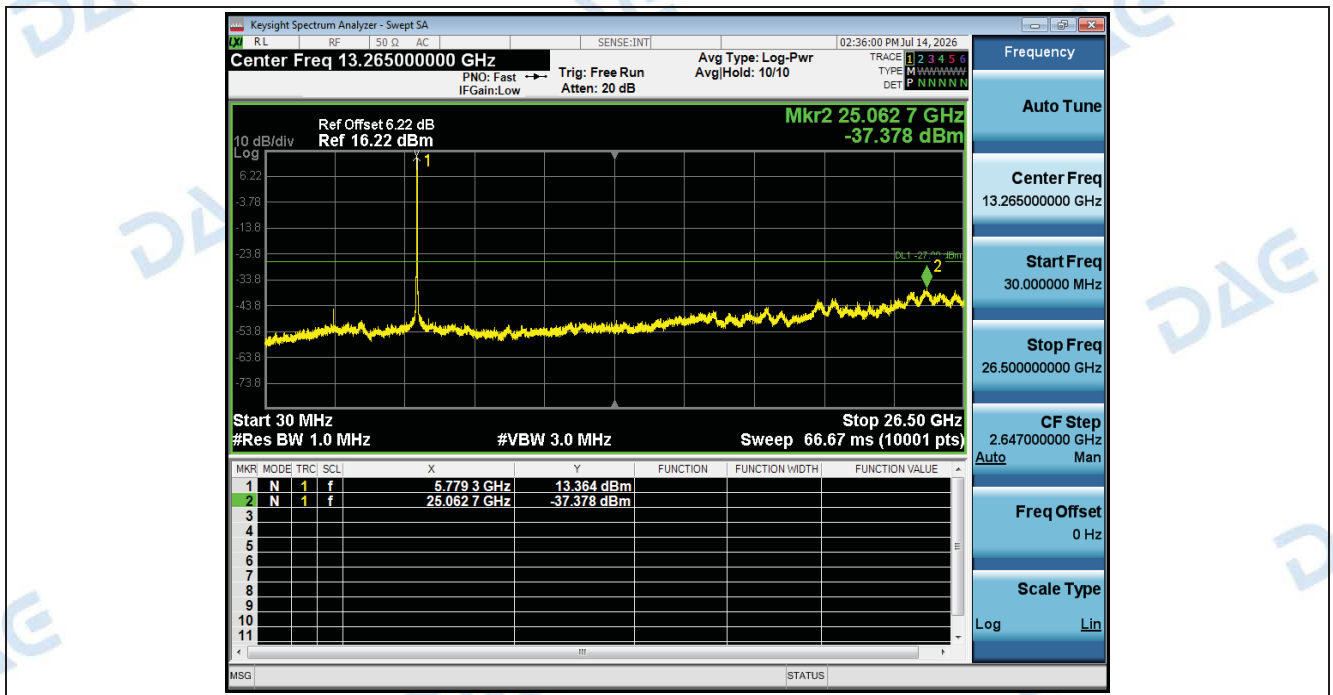
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	25017.68	-36.13	-27	Pass
NVNT	ANT1	802.11a	5785.00	25062.68	-37.38	-27	Pass
NVNT	ANT1	802.11a	5825.00	25060.03	-37.99	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25044.15	-37.18	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	25009.74	-37.38	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	25539.14	-37.46	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	25009.74	-36.67	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	25062.68	-37.72	-27	Pass

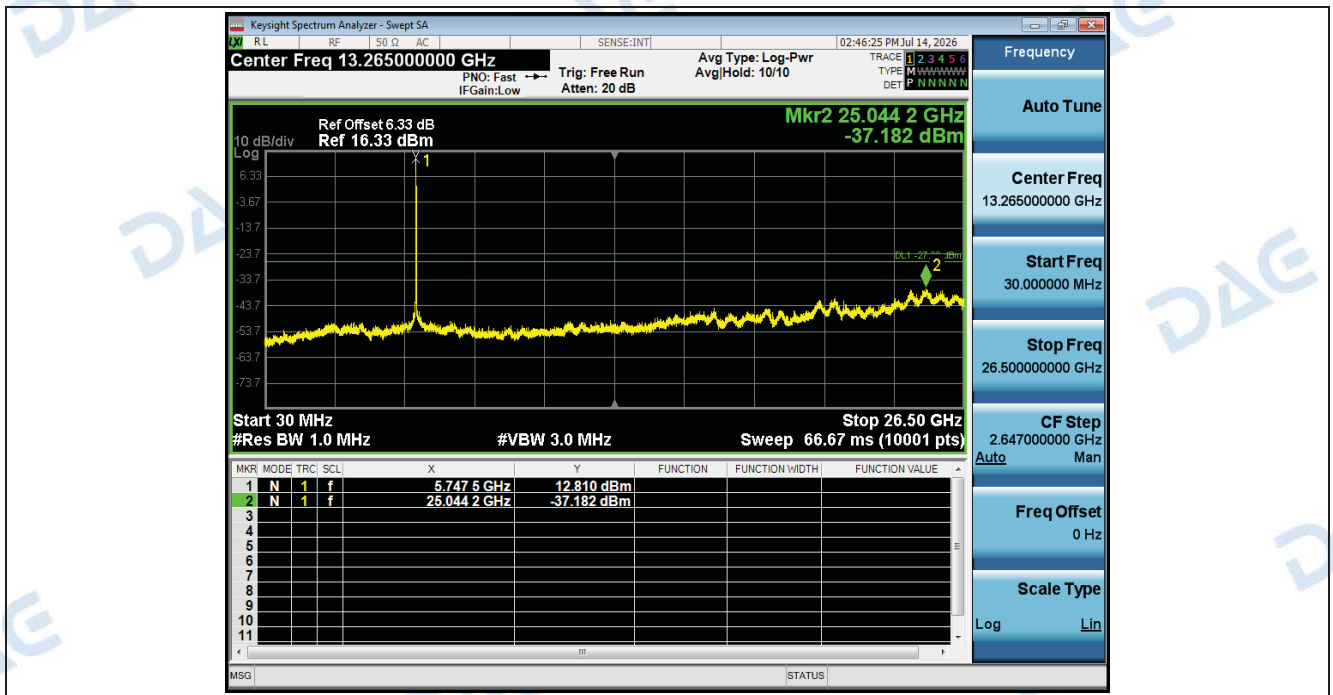
Spurious_Emission_NVNT_ANT1_802_11a_5745



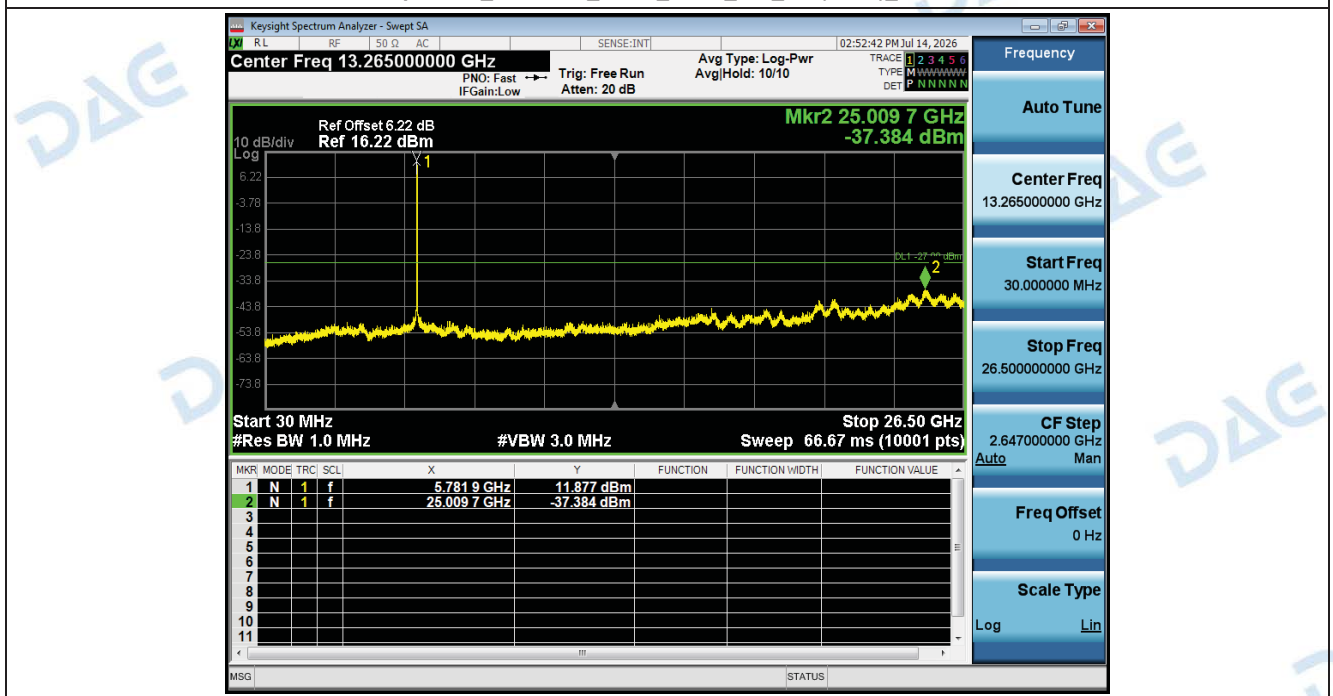
Spurious_Emission_NVNT_ANT1_802_11a_5785



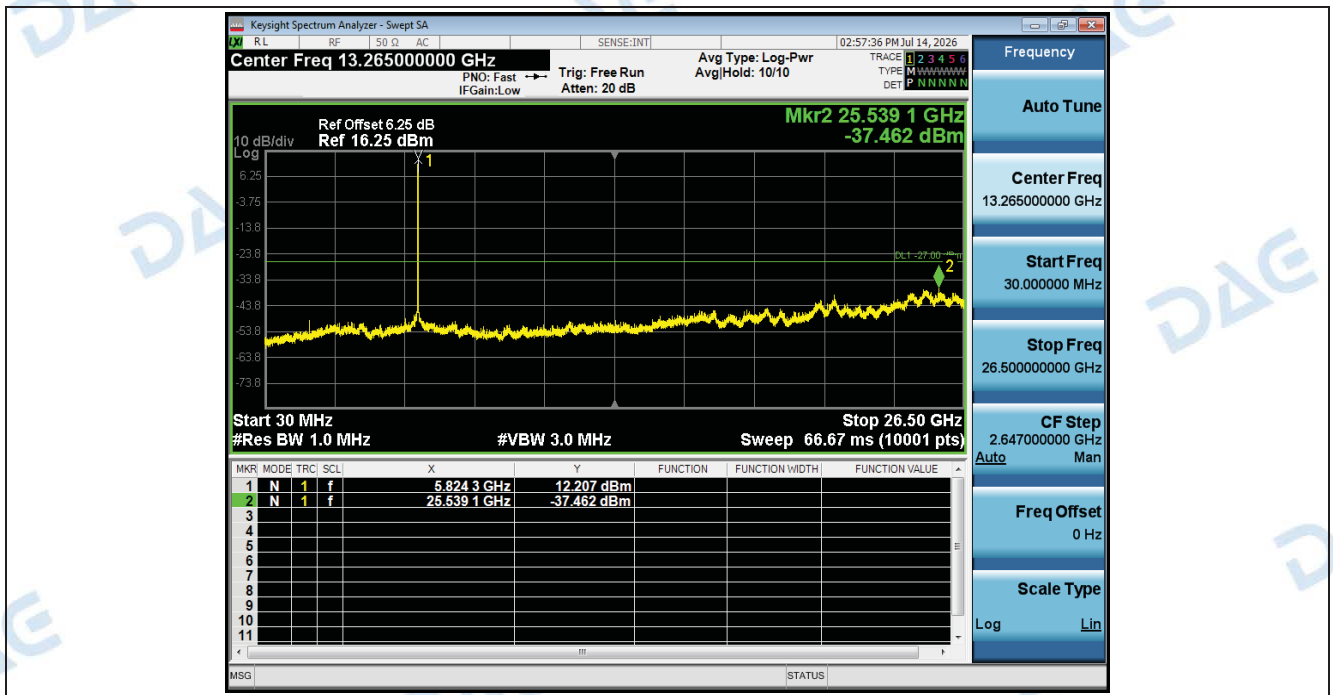
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5745



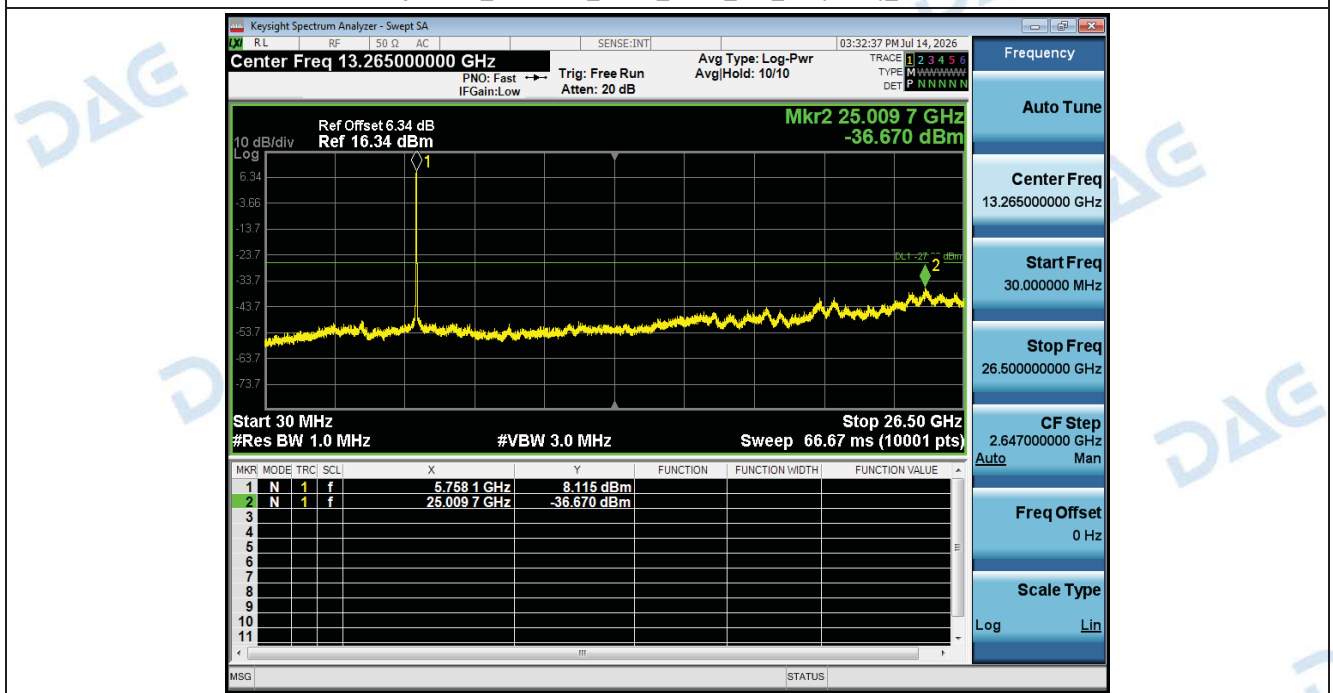
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5785



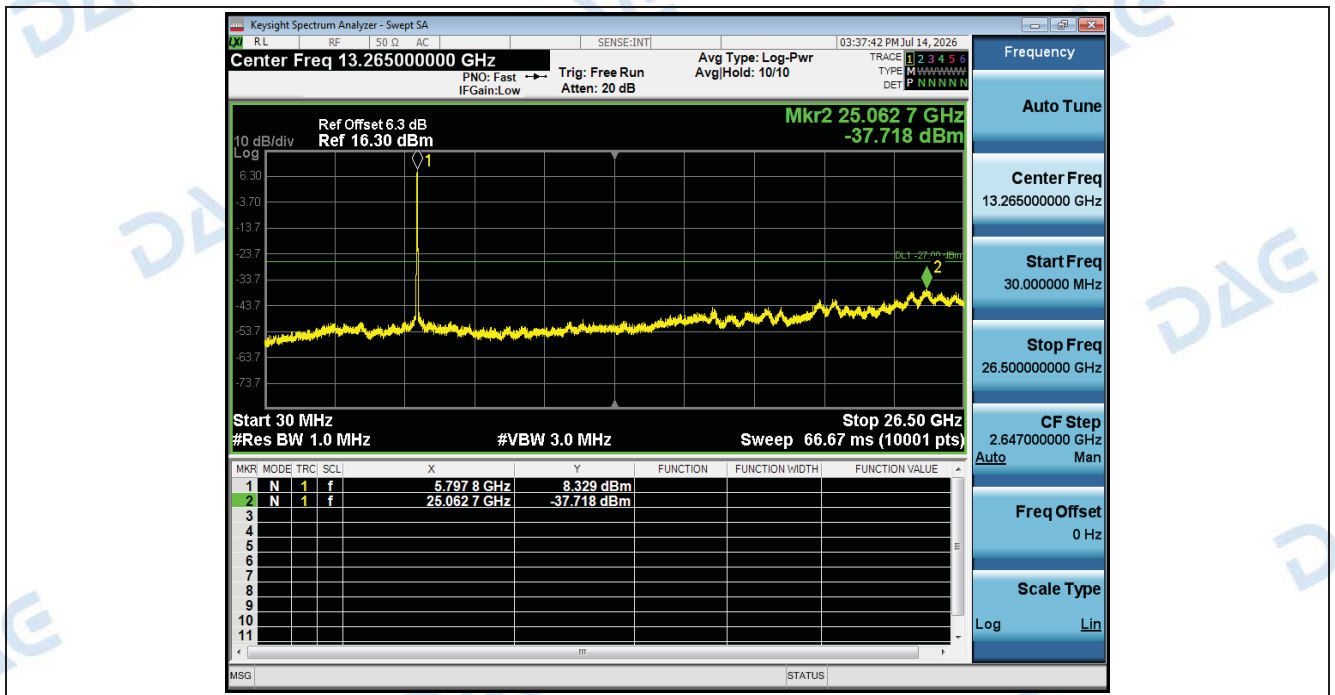
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5825



Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5755



Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5795



8. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
50degrees C&&3.80V	ANT1	802.11a	5745.00	5744.940	5736.596	5753.284	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11a	5745.00	5744.944	5736.728	5753.160	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11a	5745.00	5744.948	5736.808	5753.088	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11a	5745.00	5744.936	5736.872	5753.000	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11a	5745.00	5744.938	5736.928	5752.948	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11a	5745.00	5744.934	5736.976	5752.892	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11a	5745.00	5744.938	5737.040	5752.836	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11a	5745.00	5744.938	5737.096	5752.780	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11a	5745.00	5744.948	5737.156	5752.740	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5745.00	5744.956	5737.212	5752.700	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5744.970	5737.260	5752.680	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5745.00	5744.920	5737.308	5752.532	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11a	5785.00	5784.950	5776.596	5793.304	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11a	5785.00	5784.948	5776.704	5793.192	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11a	5785.00	5784.950	5776.796	5793.104	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11a	5785.00	5784.942	5776.860	5793.024	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11a	5785.00	5784.938	5776.920	5792.956	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11a	5785.00	5784.958	5776.972	5792.944	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11a	5785.00	5784.938	5777.024	5792.852	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11a	5785.00	5784.940	5777.084	5792.796	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11a	5785.00	5784.962	5777.144	5792.780	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5785.00	5784.948	5777.192	5792.704	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5784.948	5777.252	5792.644	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5785.00	5784.956	5777.304	5792.608	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11a	5825.00	5824.956	5816.600	5833.312	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11a	5825.00	5824.942	5816.716	5833.168	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11a	5825.00	5824.958	5816.816	5833.100	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11a	5825.00	5824.954	5816.884	5833.024	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11a	5825.00	5824.946	5816.940	5832.952	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11a	5825.00	5824.956	5817.000	5832.912	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11a	5825.00	5824.932	5817.048	5832.816	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11a	5825.00	5824.950	5817.080	5832.820	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11a	5825.00	5824.942	5817.120	5832.764	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5825.00	5824.924	5817.172	5832.676	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5825.00	5824.924	5817.220	5832.628	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5825.00	5824.916	5817.268	5832.564	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.964	5736.076	5753.852	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.950	5736.188	5753.712	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.956	5736.276	5753.636	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.942	5736.336	5753.548	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.944	5736.408	5753.480	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.950	5736.480	5753.420	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.956	5736.548	5753.364	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.944	5736.612	5753.276	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.966	5736.664	5753.268	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5745.00	5744.958	5736.716	5753.200	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.938	5736.764	5753.112	5725~5850	Pass

25degrees C&&3.23V	ANT1	802.11n(HT20)	5745.00	5744.952	5736.816	5753.088	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.960	5776.052	5793.868	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.950	5776.176	5793.724	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.948	5776.256	5793.640	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.942	5776.340	5793.544	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.954	5776.408	5793.500	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.950	5776.480	5793.420	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.960	5776.552	5793.368	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.954	5776.612	5793.296	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.960	5776.660	5793.260	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5785.00	5784.956	5776.708	5793.204	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5784.952	5776.760	5793.144	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5785.00	5784.968	5776.828	5793.108	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.944	5816.040	5833.848	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.940	5816.172	5833.708	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.940	5816.256	5833.624	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.952	5816.340	5833.564	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.956	5816.416	5833.496	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.938	5816.476	5833.400	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.954	5816.540	5833.368	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.944	5816.596	5833.292	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.958	5816.656	5833.260	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5825.00	5824.946	5816.712	5833.180	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5824.940	5816.760	5833.120	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5825.00	5824.948	5816.820	5833.076	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5754.984	5736.880	5773.088	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5754.984	5737.088	5772.880	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5754.992	5737.296	5772.688	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.004	5737.456	5772.552	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.004	5737.600	5772.408	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.032	5737.752	5772.312	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.044	5737.912	5772.176	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.052	5738.072	5772.032	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.052	5738.208	5771.896	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5755.00	5755.064	5738.352	5771.776	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.072	5738.480	5771.664	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5755.00	5755.080	5738.624	5771.536	5725~5850	Pass
50degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5794.960	5776.840	5813.080	5725~5850	Pass
40degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5794.980	5777.064	5812.896	5725~5850	Pass
30degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5794.972	5777.264	5812.680	5725~5850	Pass
20degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5794.988	5777.416	5812.560	5725~5850	Pass
10degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.004	5777.560	5812.448	5725~5850	Pass
0degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5794.996	5777.720	5812.272	5725~5850	Pass
-10degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.012	5777.864	5812.160	5725~5850	Pass
-20degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5794.992	5778.000	5811.984	5725~5850	Pass
-30degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.040	5778.144	5811.936	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5795.00	5795.048	5778.320	5811.776	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.060	5778.480	5811.640	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5795.00	5795.052	5778.624	5811.480	5725~5850	Pass

***** End of Report *****