

Report No.:MAX250513110P02-R03

FCC ID:2BDTM-P01

FCC_5.2G_WIFI (Part15.407) Test Data

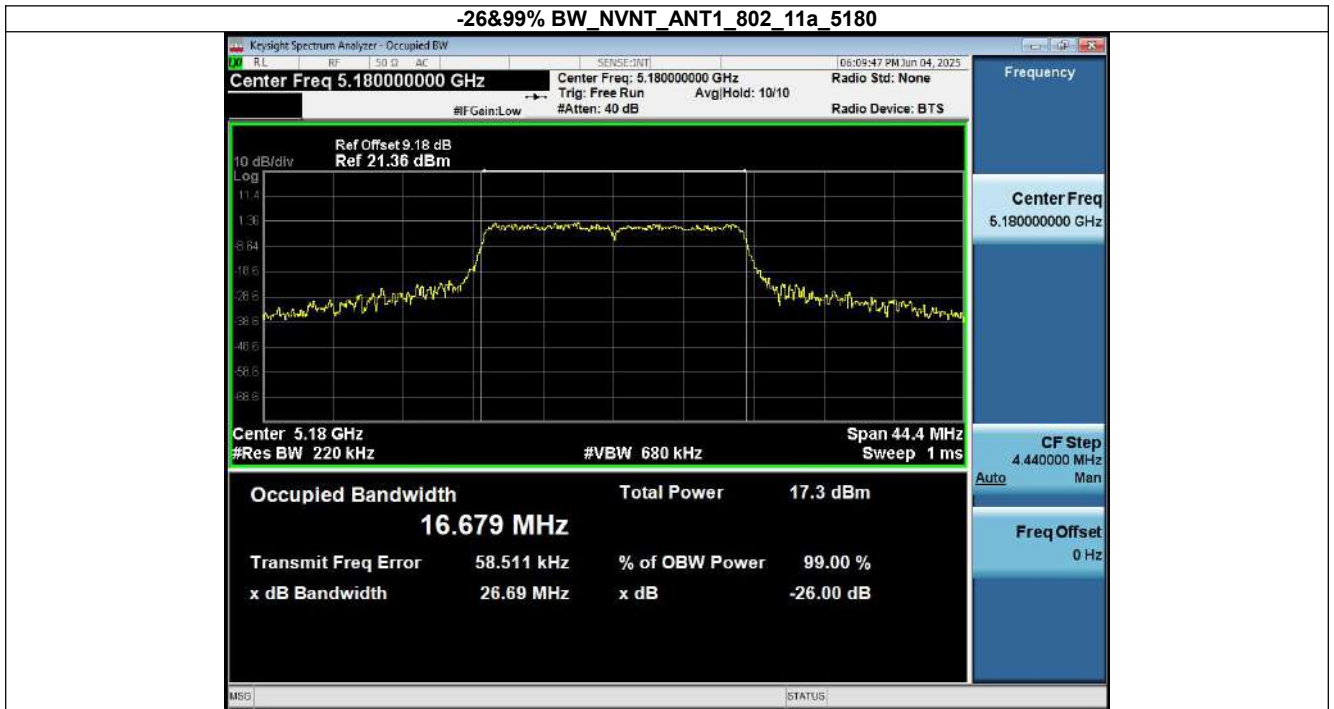
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FCC_5.2G_WIFI (Part15.407) Test Data

1. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	26.69	16.679
NVNT	ANT1	802.11a	5200.00	28.27	16.666
NVNT	ANT1	802.11a	5240.00	26.81	16.664
NVNT	ANT1	802.11n(HT20)	5180.00	31.23	17.822
NVNT	ANT1	802.11n(HT20)	5200.00	31.09	17.888
NVNT	ANT1	802.11n(HT20)	5240.00	28.10	17.889
NVNT	ANT1	802.11ac(VHT20)	5180.00	28.82	17.828
NVNT	ANT1	802.11ac(VHT20)	5200.00	36.41	17.922
NVNT	ANT1	802.11ac(VHT20)	5240.00	27.03	17.840
NVNT	ANT1	802.11n(HT40)	5190.00	56.99	36.465
NVNT	ANT1	802.11n(HT40)	5230.00	49.74	36.381
NVNT	ANT1	802.11ac(VHT40)	5190.00	47.83	36.422
NVNT	ANT1	802.11ac(VHT40)	5230.00	46.69	36.388
NVNT	ANT1	802.11ac(VHT80)	5210.00	86.20	75.656



-26&99% BW_NVNT_ANT1_802_11a_5200



-26&99% BW_NVNT_ANT1_802_11a_5240



-26&99% BW_NVNT_ANT1_802_11n(HT20)_5180



-26&99% BW_NVNT_ANT1_802_11n(HT20)_5200



-26&99% BW_NVNT_ANT1_802_11n(HT20)_5240



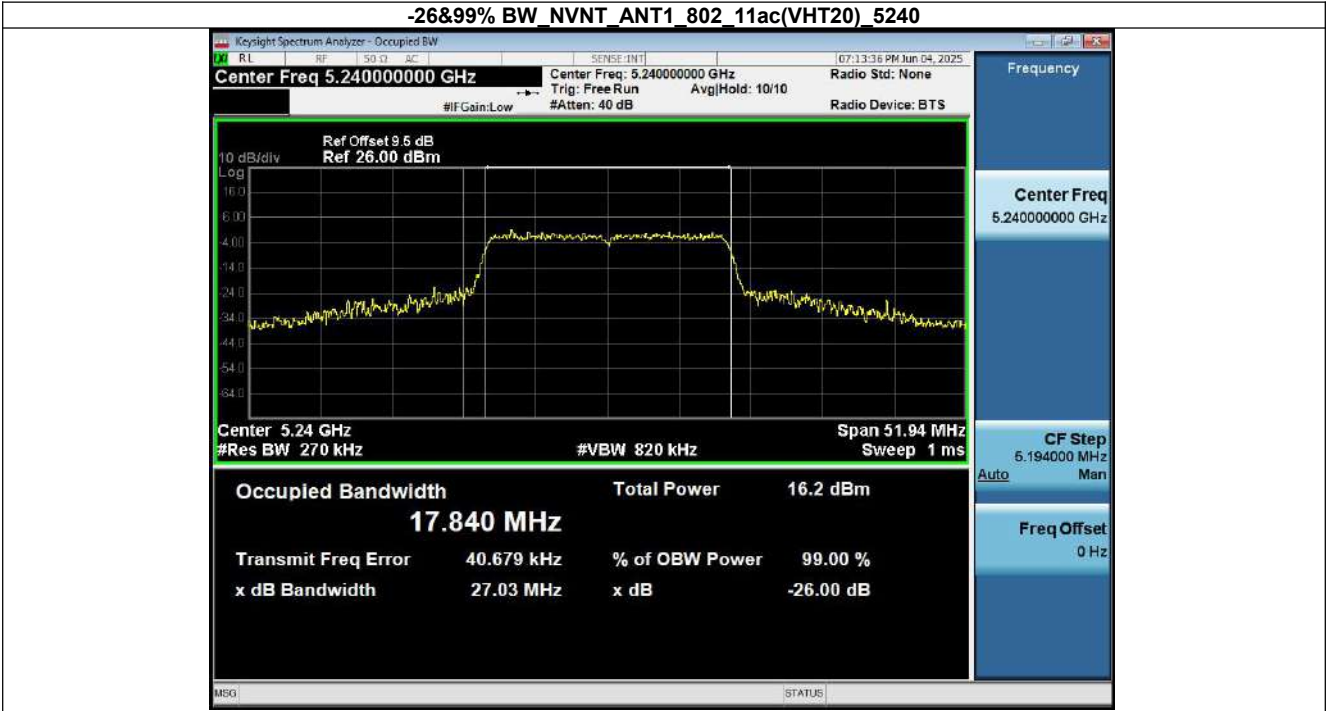
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-26&99% BW_NVNT_ANT1_802_11ac(VHT20)_5200



-26&99% BW_NVNT_ANT1_802_11ac(VHT20)_5240



-26&99% BW_NVNT_ANT1_802_11n(HT40)_5190



-26&99% BW_NVNT_ANT1_802_11n(HT40)_5230



-26&99% BW_NVNT_ANT1_802_11ac(VHT40)_5190



-26&99% BW_NVNT_ANT1_802_11ac(VHT40)_5230

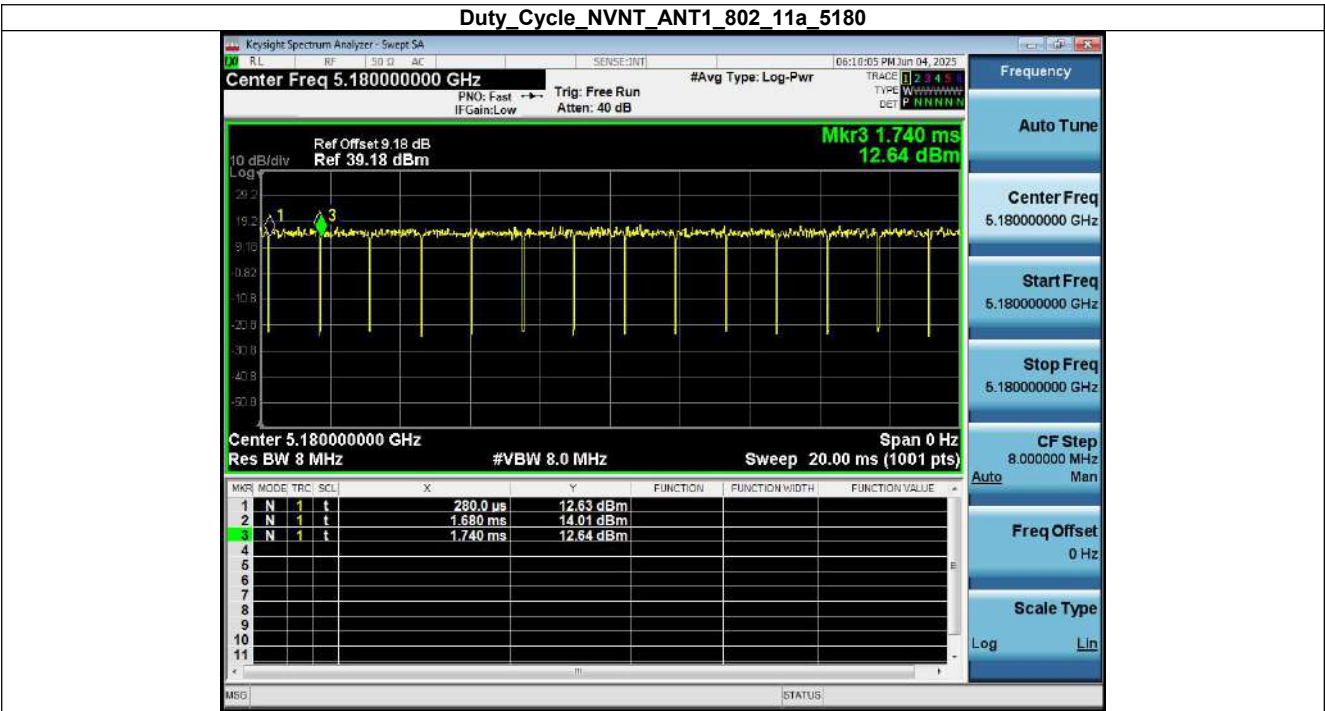


-26&99% BW_NVNT_ANT1_802_11ac(VHT80)_5210

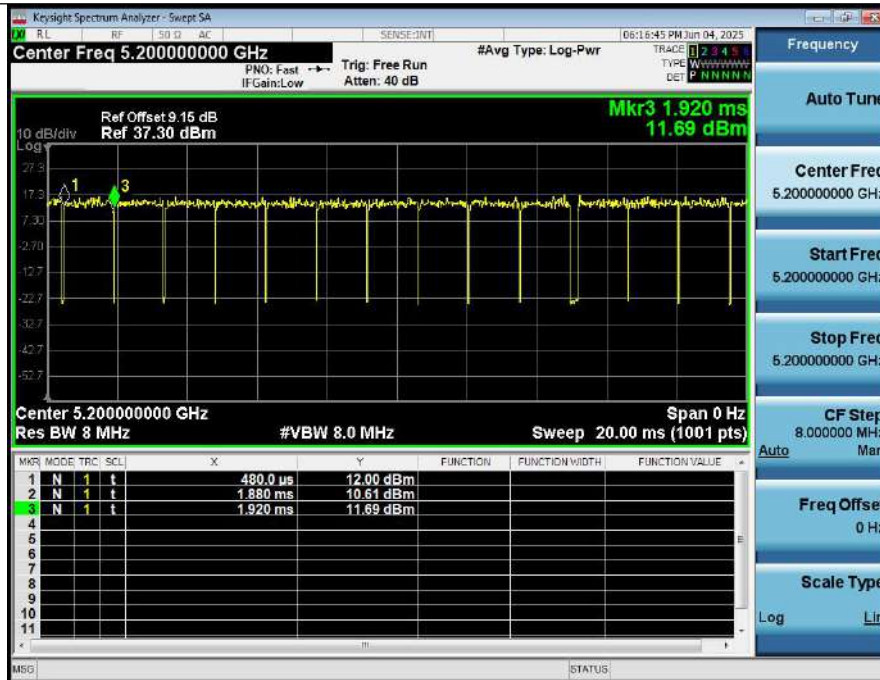


2. Duty Cycle

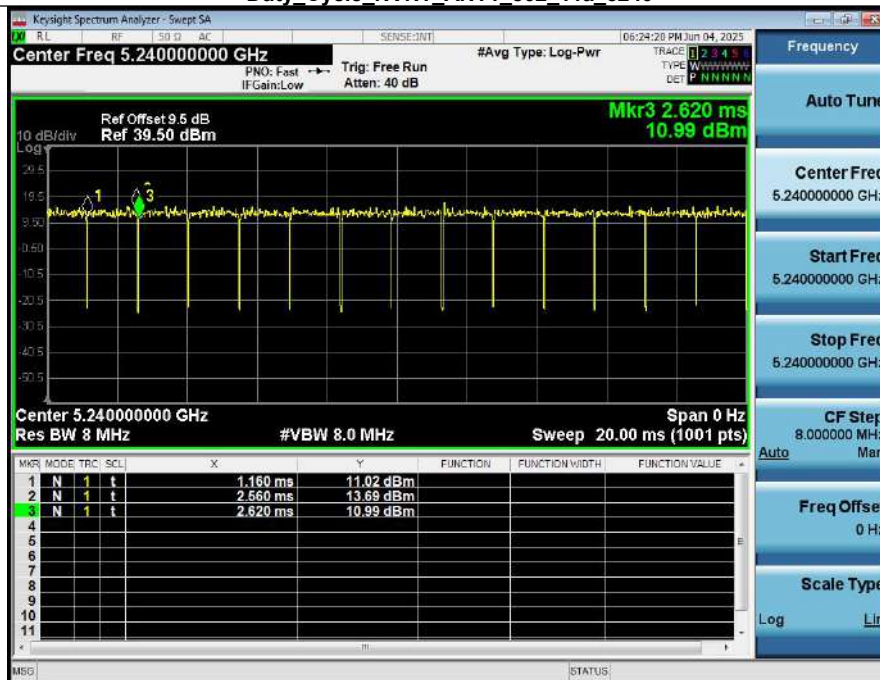
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	95.89	0.18
NVNT	ANT1	802.11a	5200.00	97.22	0.12
NVNT	ANT1	802.11a	5240.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5180.00	96.72	0.14
NVNT	ANT1	802.11n(HT20)	5200.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5240.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5180.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5200.00	96.77	0.14
NVNT	ANT1	802.11ac(VHT20)	5240.00	95.16	0.22
NVNT	ANT1	802.11n(HT40)	5190.00	93.75	0.28
NVNT	ANT1	802.11n(HT40)	5230.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5190.00	90.91	0.41
NVNT	ANT1	802.11ac(VHT40)	5230.00	90.91	0.41
NVNT	ANT1	802.11ac(VHT80)	5210.00	88.24	0.54



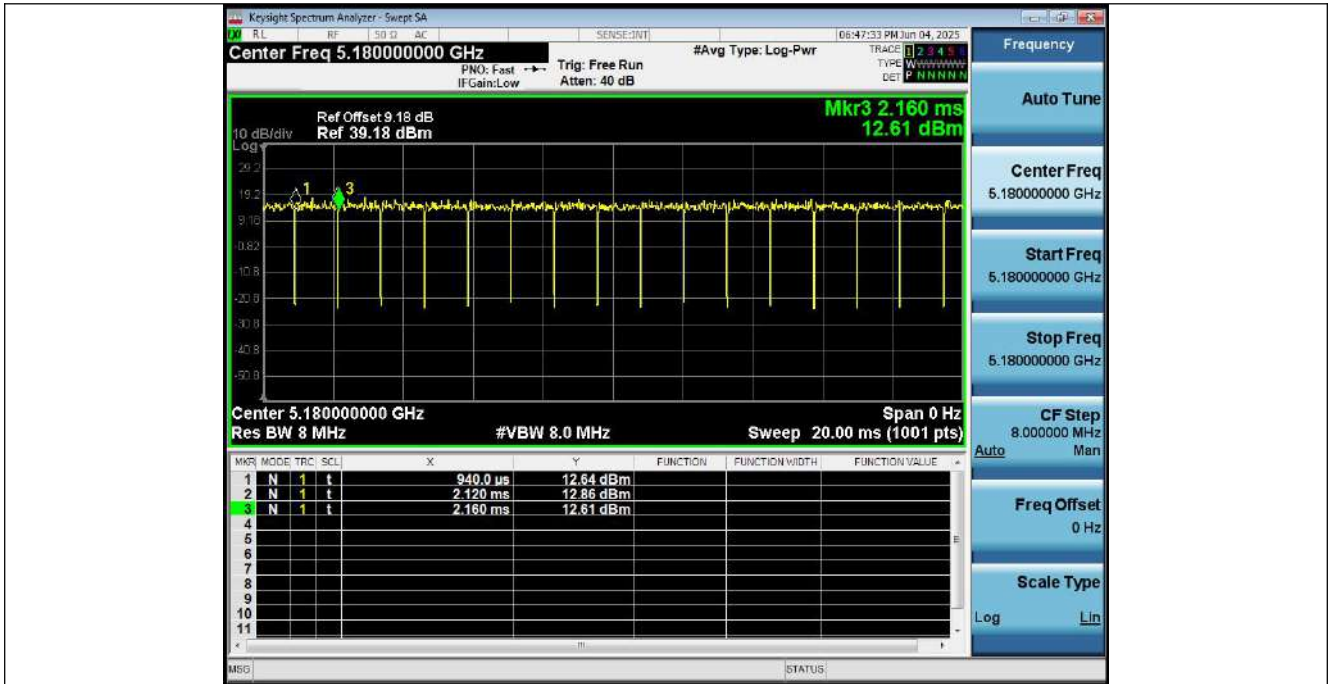
Duty Cycle_NVNT_ANT1_802_11a_5200



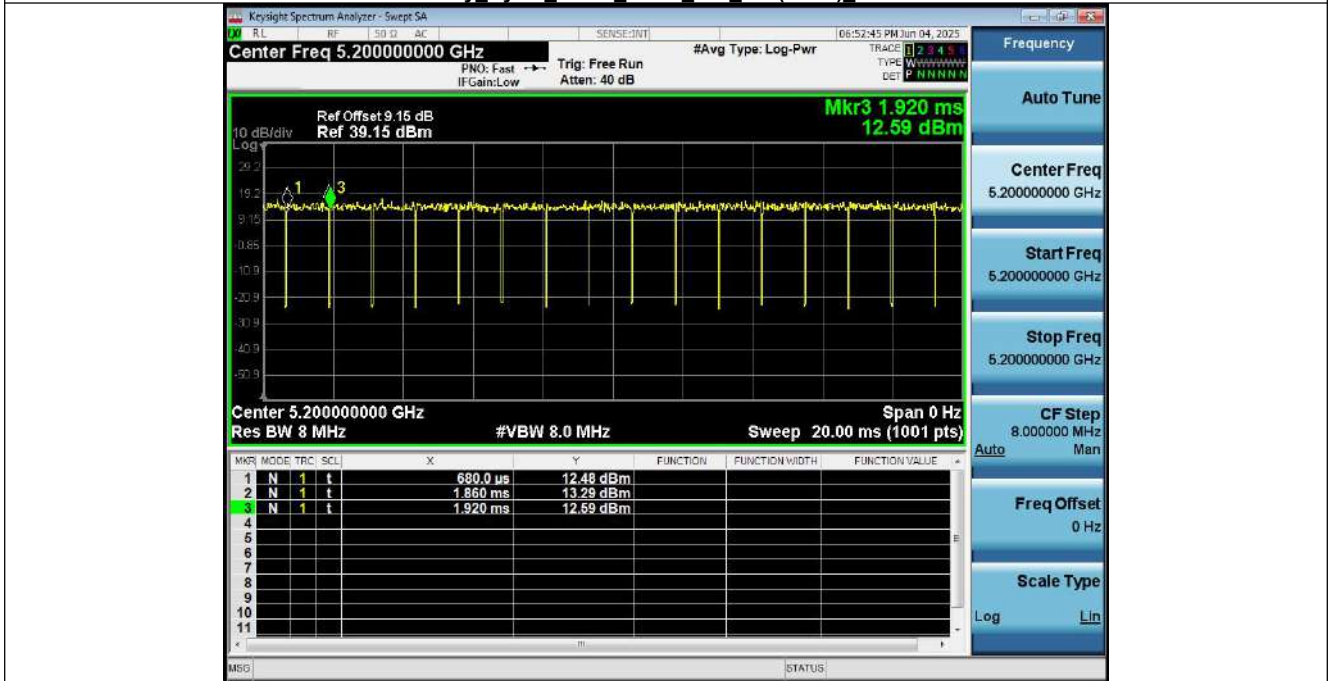
Duty_Cycle_NVNT_ANT1_802_11a_5240



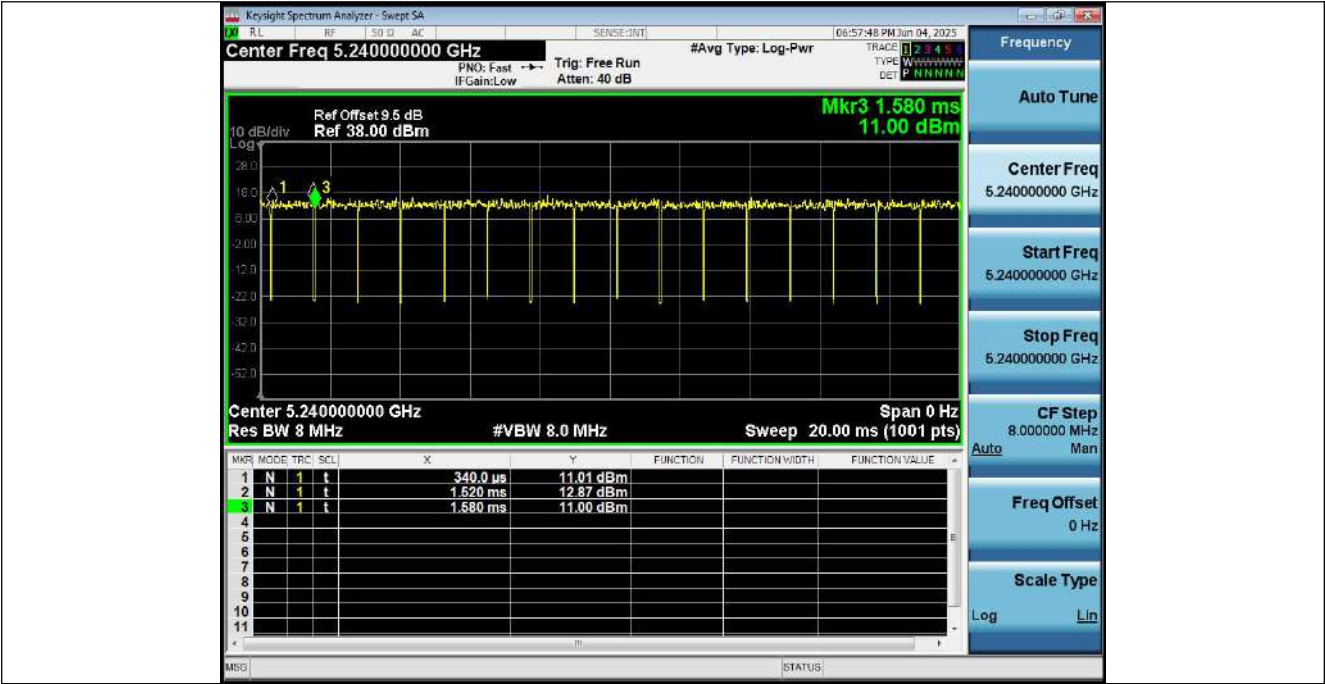
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5180



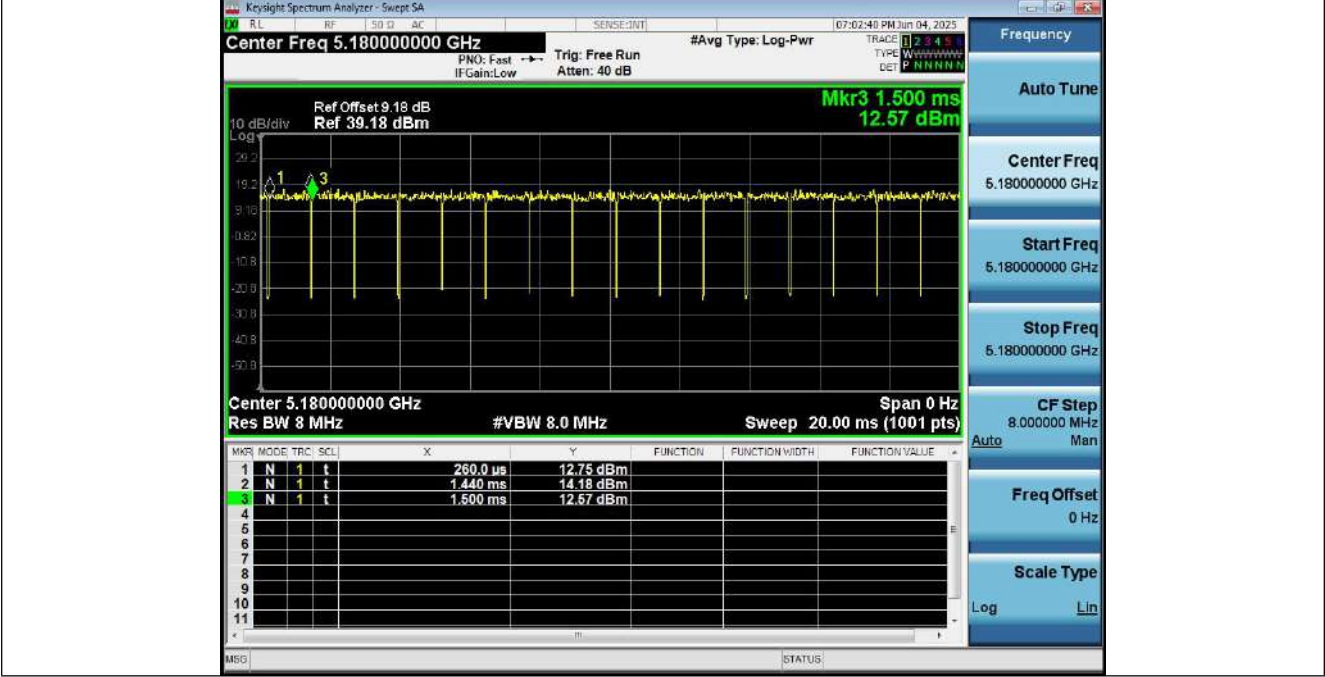
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5200



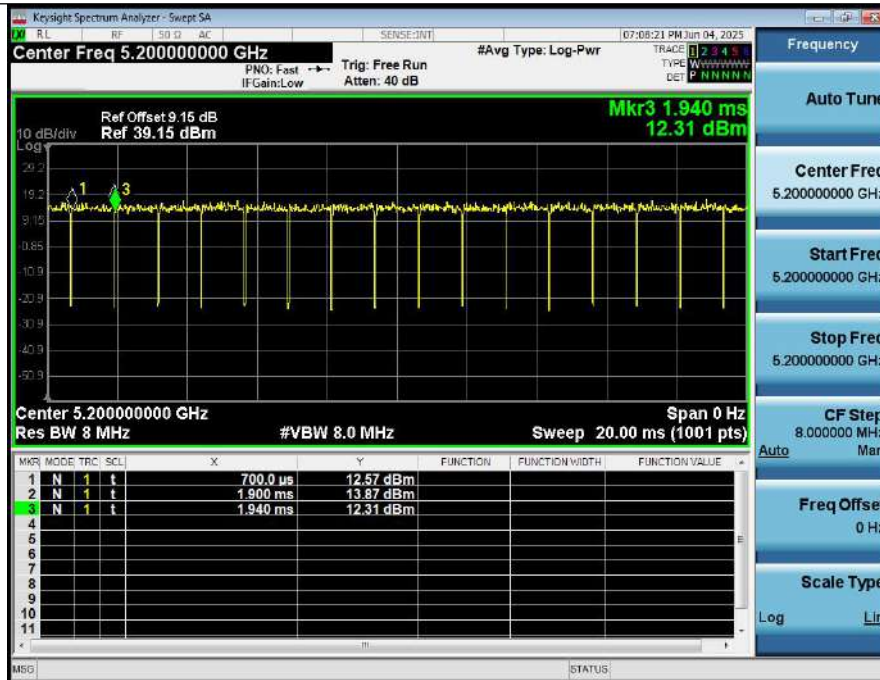
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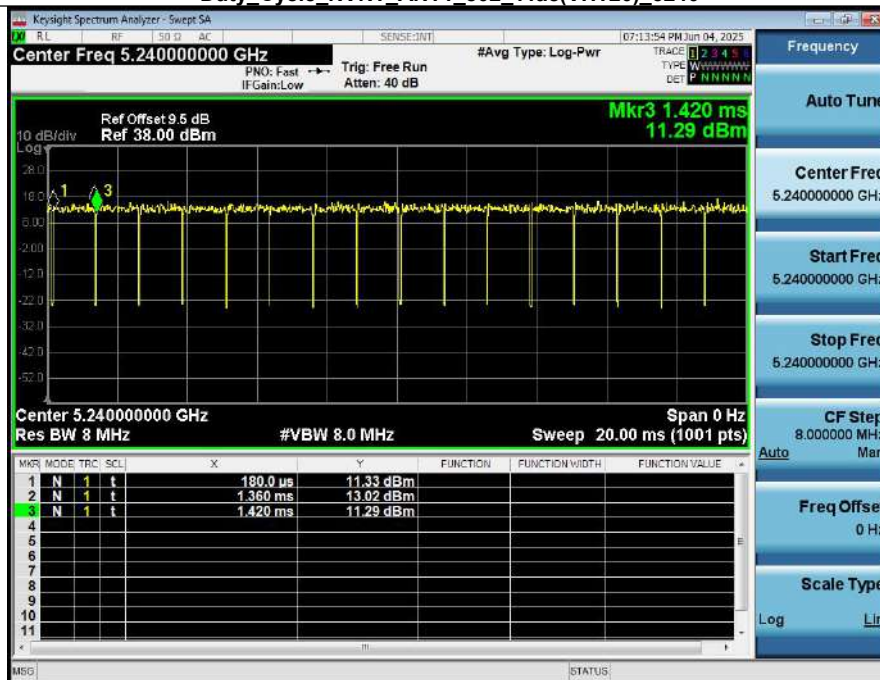
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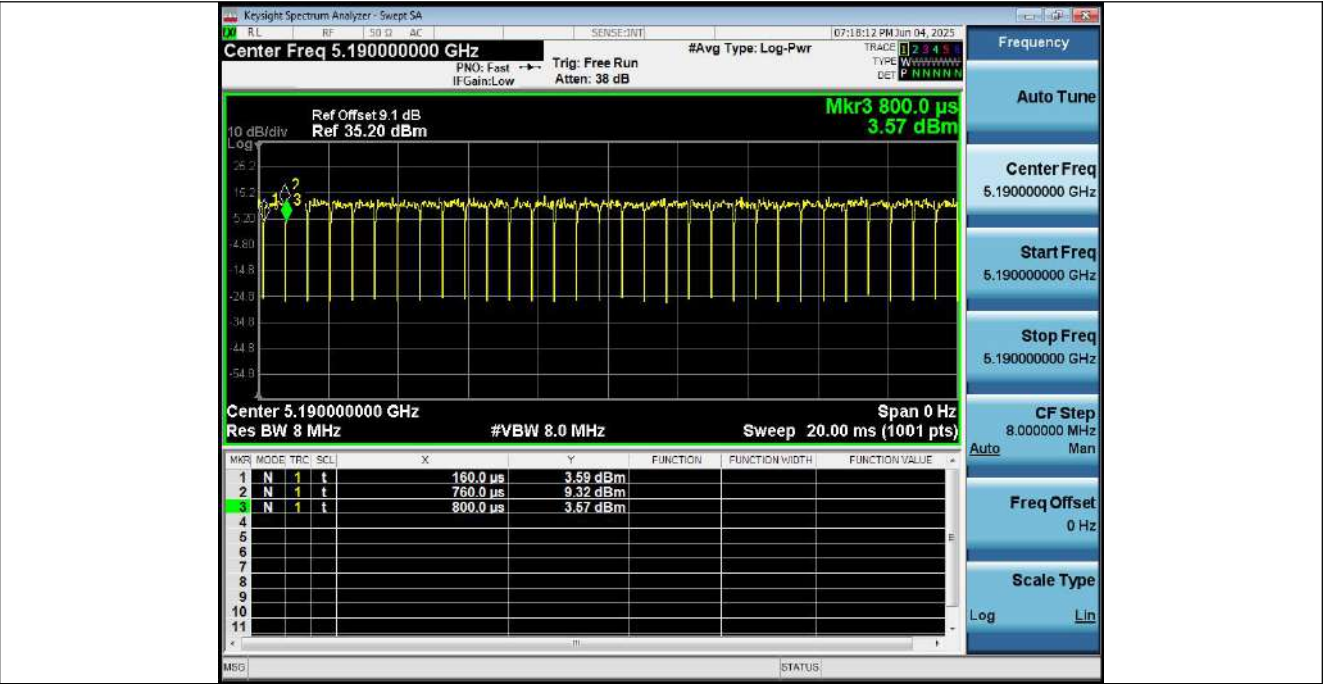
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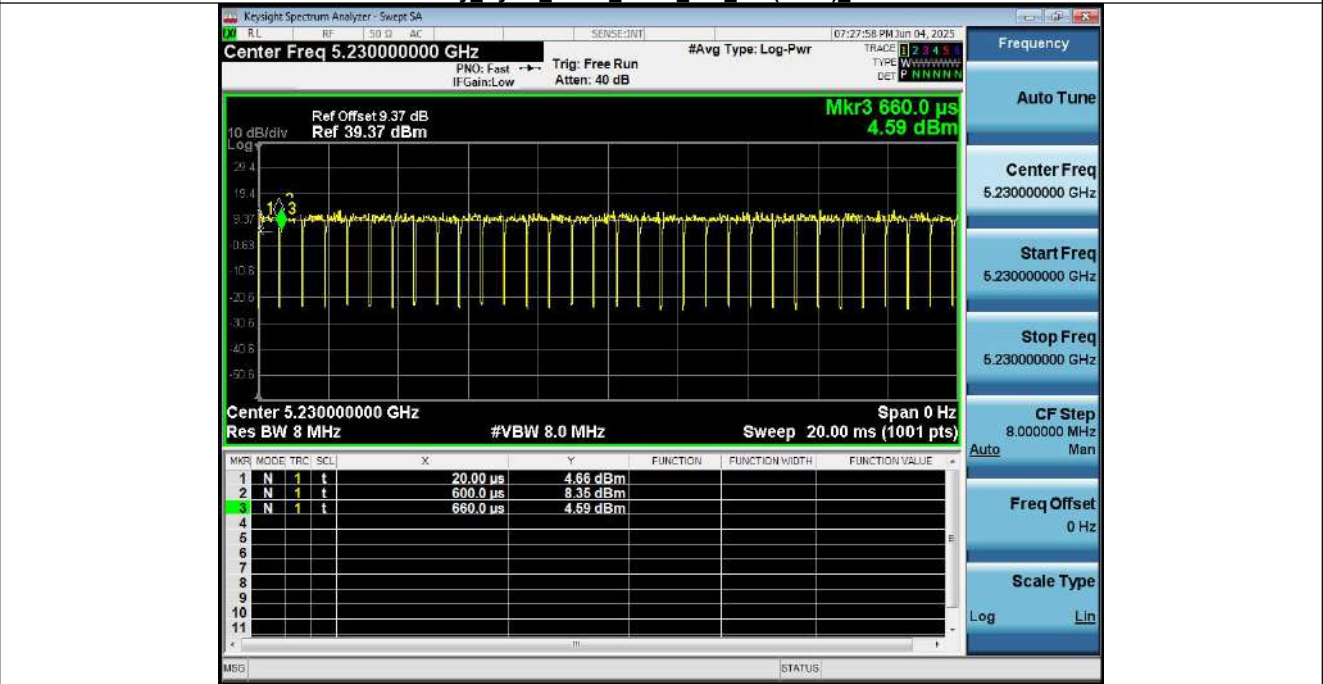
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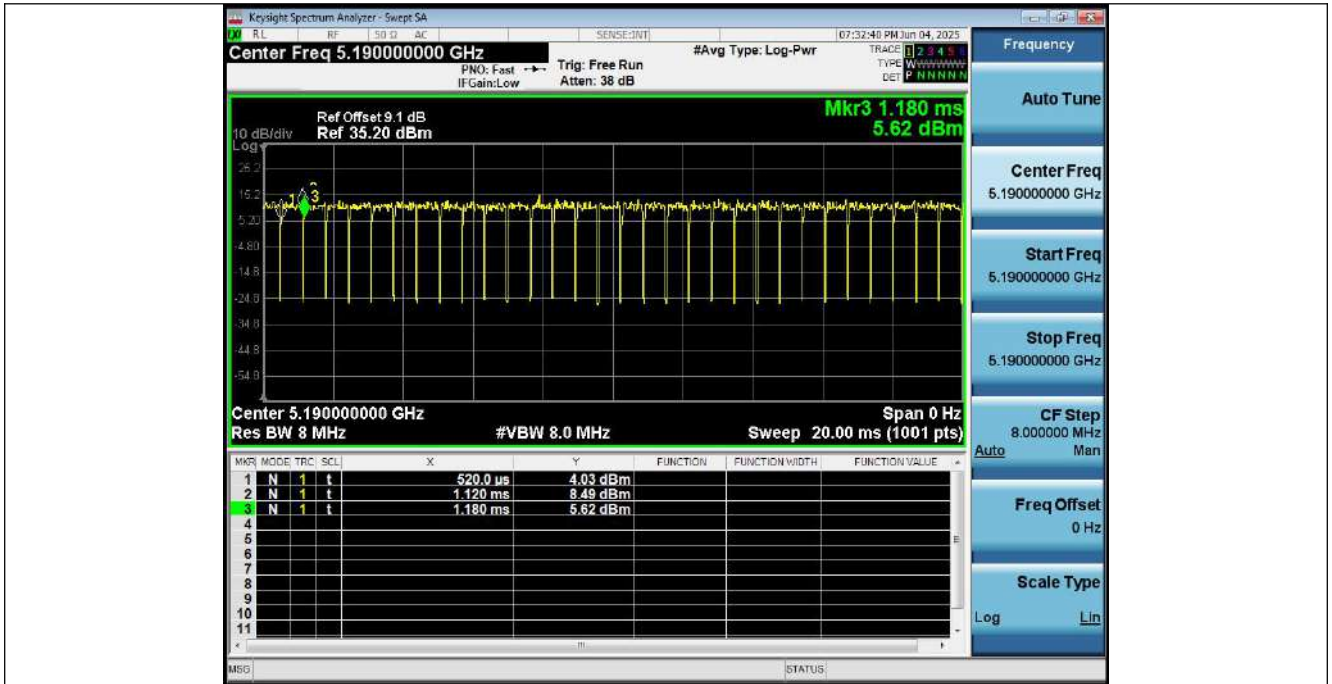
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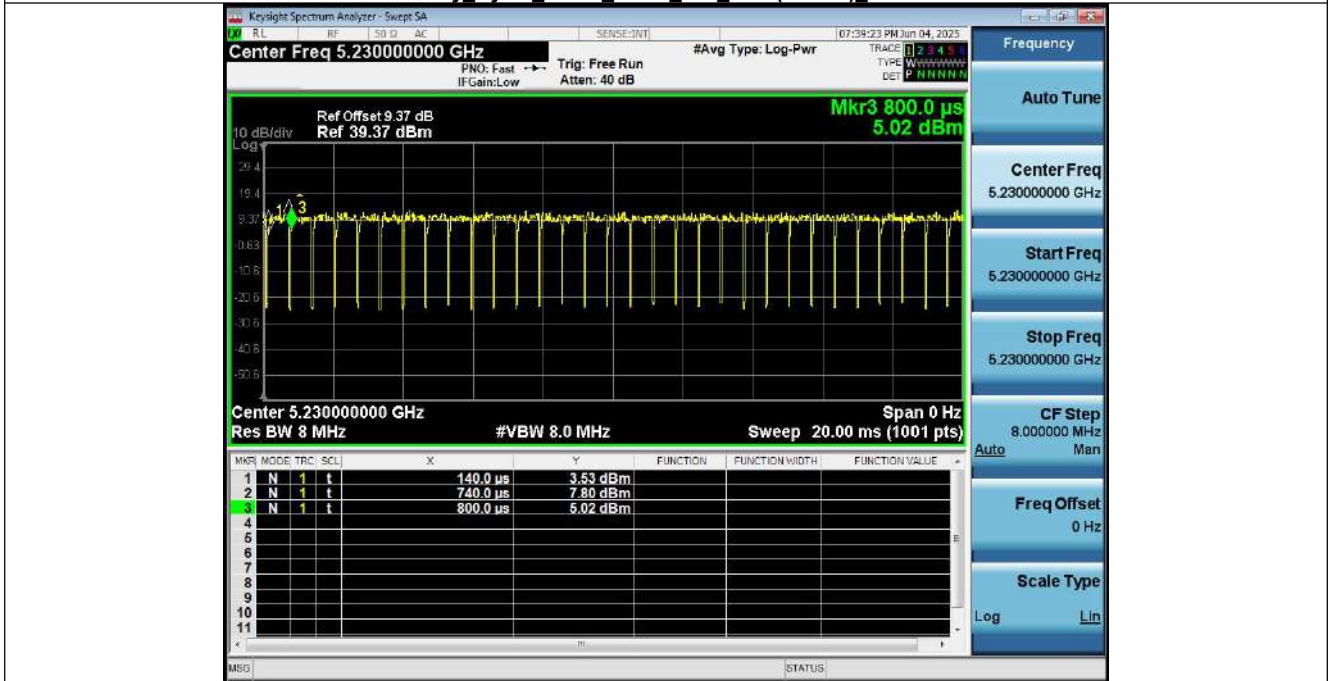
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5230



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5190



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5230



Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_5210

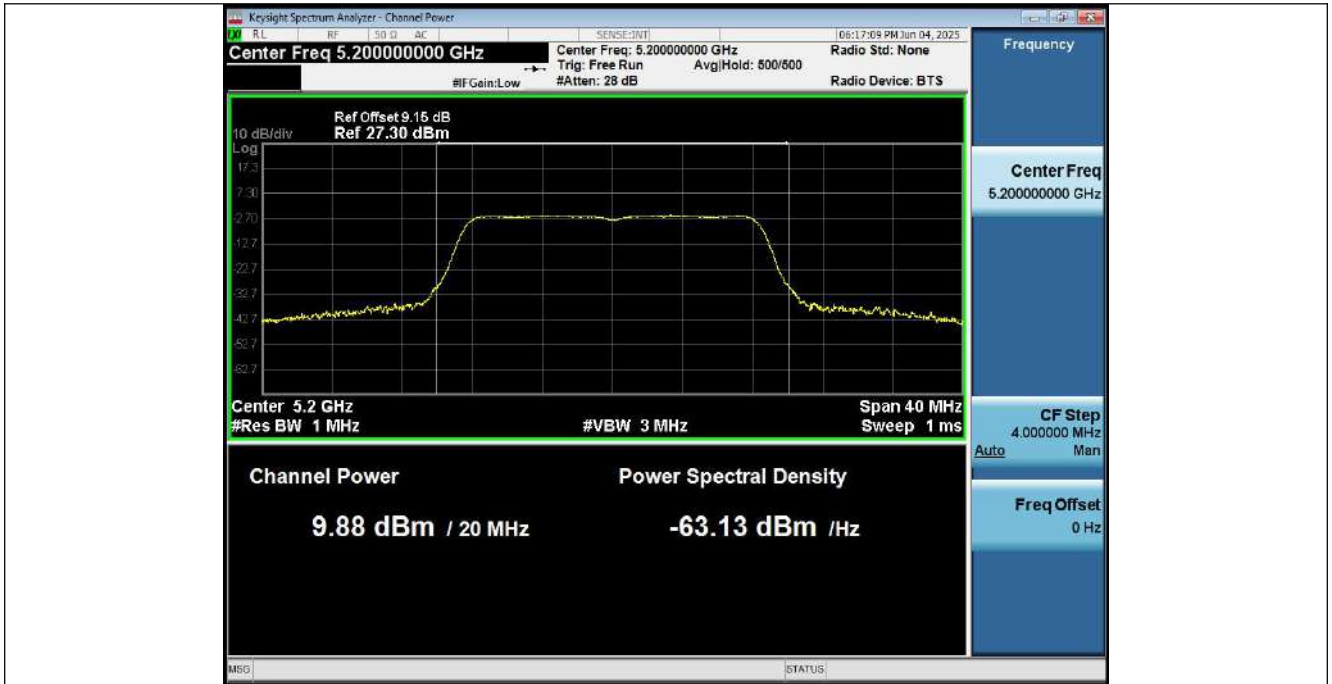


3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	10.74	0.18	10.92	24	Pass
NVNT	ANT1	802.11a	5200.00	9.88	0.12	10.00	24	Pass
NVNT	ANT1	802.11a	5240.00	9.10	0.18	9.28	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	10.70	0.14	10.84	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	10.15	0.22	10.37	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	9.59	0.22	9.81	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	10.64	0.22	10.86	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	10.18	0.14	10.32	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	9.69	0.22	9.91	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	10.16	0.28	10.44	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	9.42	0.43	9.85	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	10.15	0.41	10.56	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	9.46	0.41	9.87	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	9.77	0.54	10.31	24	Pass



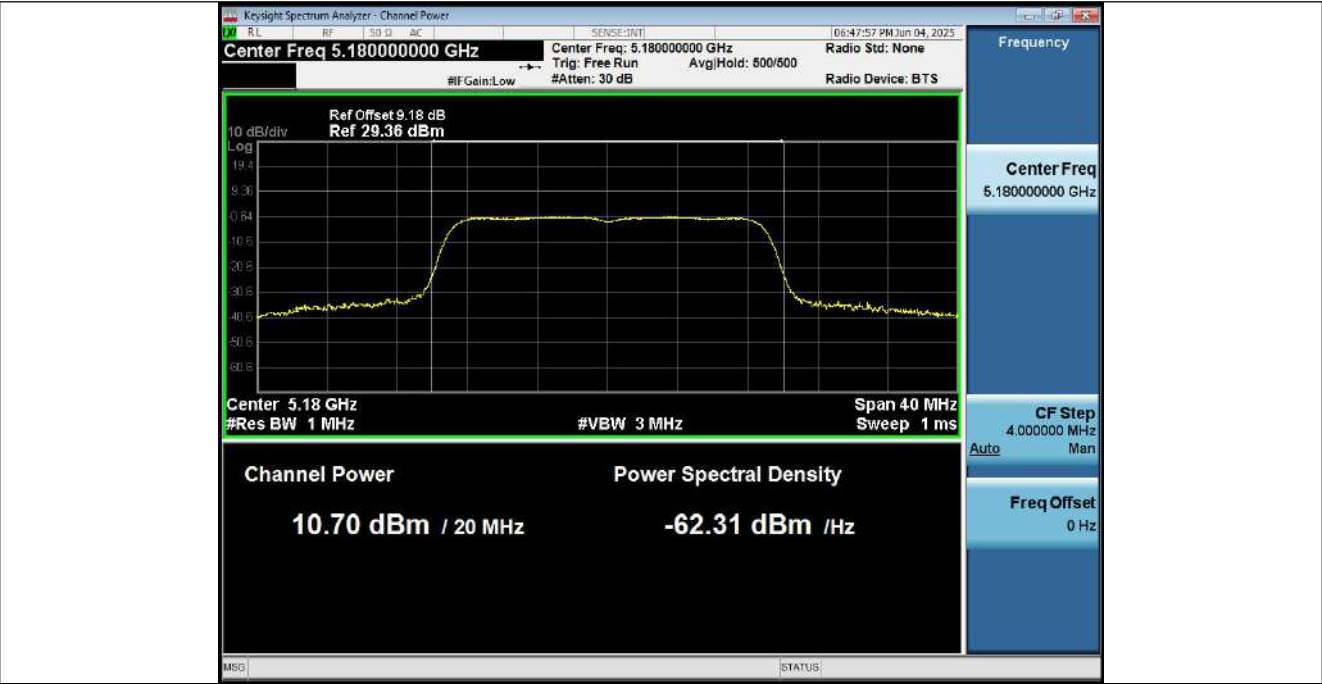
Maximum Conducted Output Power NVNT ANT1 802 11a 5200 20M



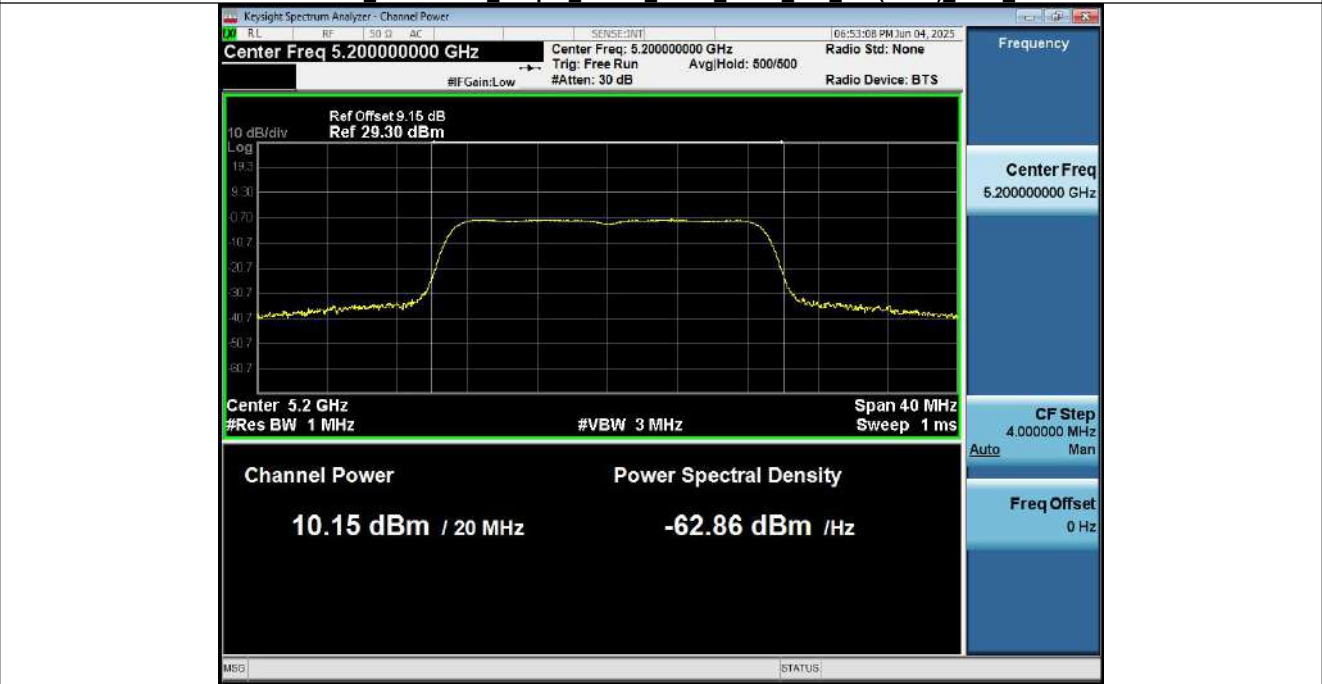
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Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5180_20M



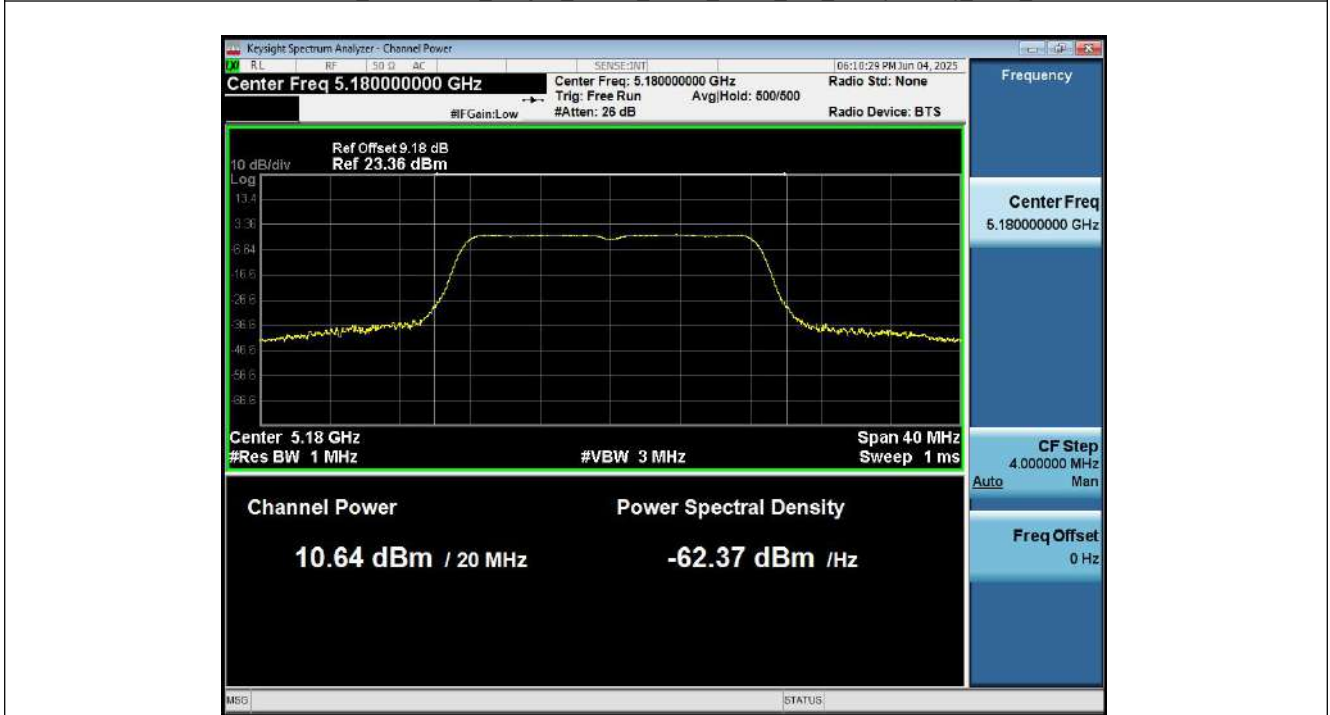
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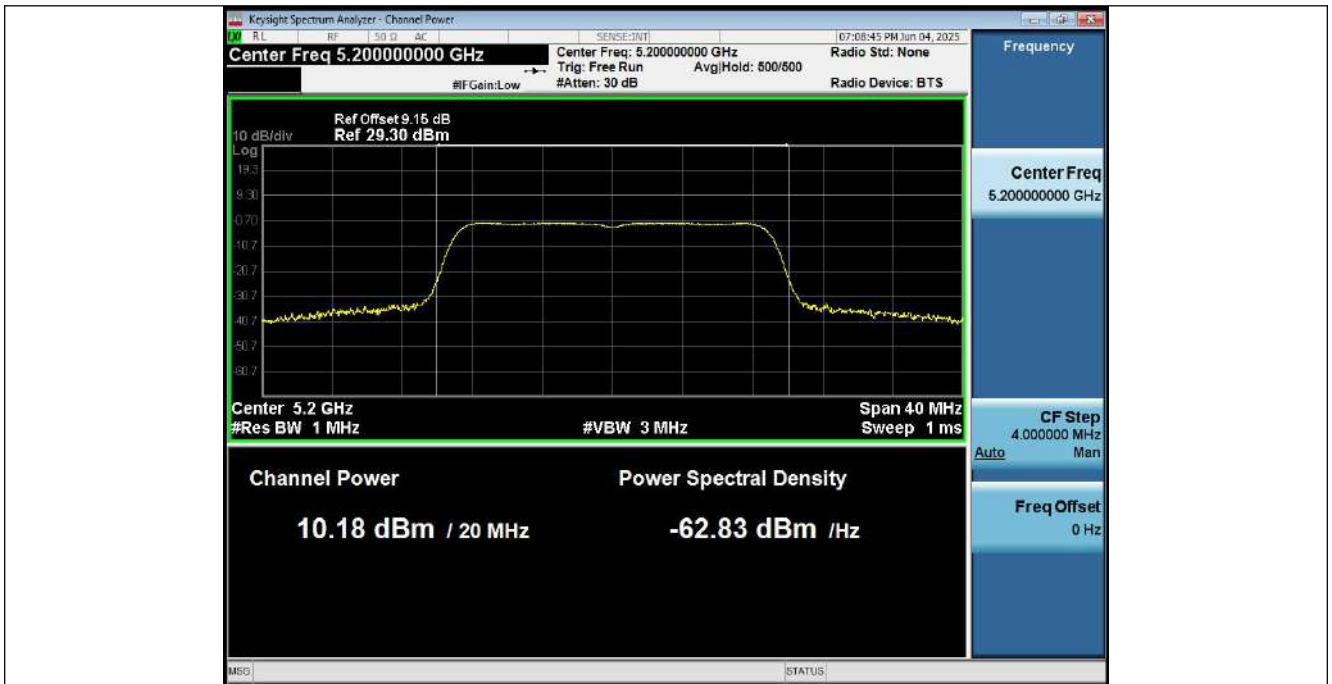
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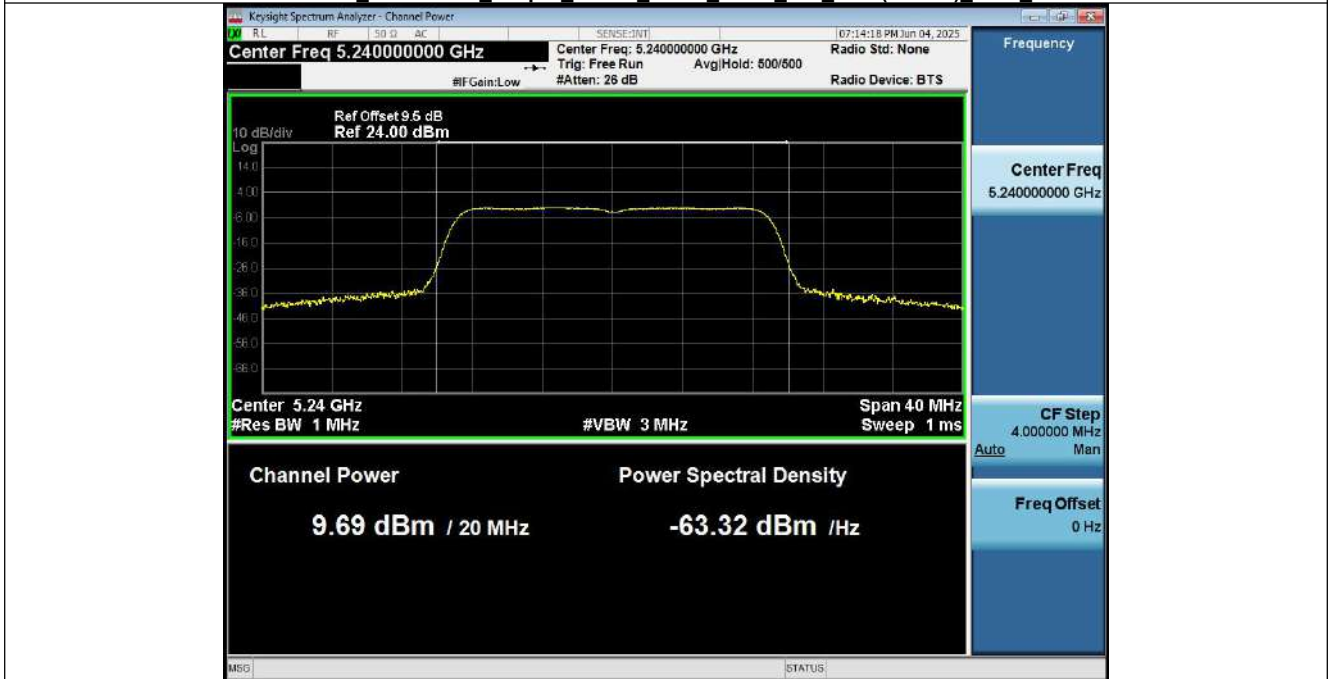
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Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5200_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5240_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5190_40M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5230_40M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5190_40M



Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT40)_5230_40M



Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT80)_5210_80M



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	-3.04	0.18	-2.86	11	Pass
NVNT	ANT1	802.11a	5200.00	-4.65	0.12	-4.53	11	Pass
NVNT	ANT1	802.11a	5240.00	-5.08	0.18	-4.90	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-4.12	0.14	-3.98	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-4.21	0.22	-3.99	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-5.71	0.22	-5.49	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-3.81	0.22	-3.59	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-4.04	0.14	-3.90	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-5.40	0.22	-5.18	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-8.97	0.28	-8.69	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-9.16	0.43	-8.73	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-8.76	0.41	-8.35	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-9.36	0.41	-8.95	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-14.38	0.54	-13.84	11	Pass



Power_Spectral_Density_NVNT_ANT1_802_11a_5200



Power_Spectral_Density_NVNT_ANT1_802_11a_5240



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5180



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5200



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5240



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5200



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5240



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5190



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5230



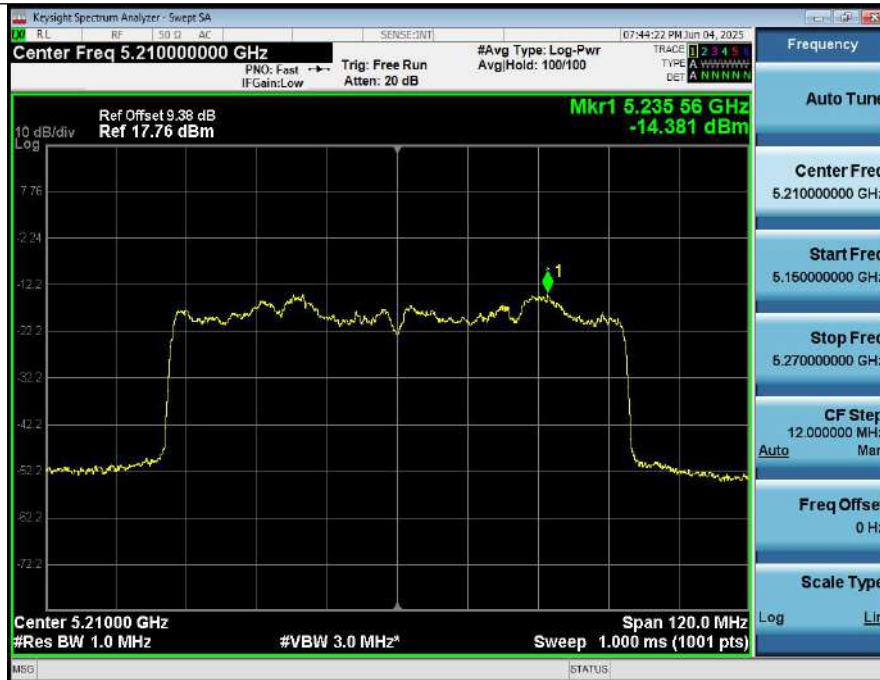
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Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5230



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5210



5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5149.20	-32.58	-27	Pass
NVNT	ANT1	802.11a	5240.00	5351.80	-37.87	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5149.40	-33.28	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5378.80	-38.23	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5145.80	-29.09	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5408.80	-38.15	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5149.73	-37.16	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5357.63	-38.58	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5149.10	-36.60	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5414.54	-37.75	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5147.84	-32.78	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	5391.44	-38.09	-27	Pass

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



Bandedge_NVNT_ANT1_802_11a_5240



Bandedge_NVNT_ANT1_802_11n(HT20)_5180



Bandedge_NVNT_ANT1_802_11n(HT20)_5240



Bandedge_NVNT_ANT1_802_11ac(VHT20)_5180



Bandedge_NVNT_ANT1_802_11ac(VHT20)_5240



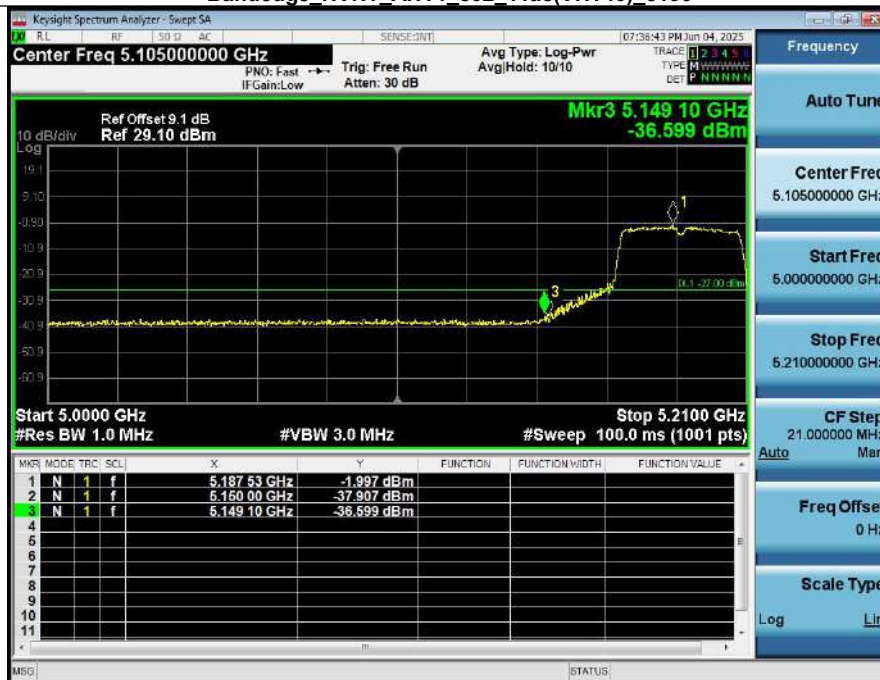
Bandedge_NVNT_ANT1_802_11n(HT40)_5190



Bandedge_NVNT_ANT1_802_11n(HT40)_5230



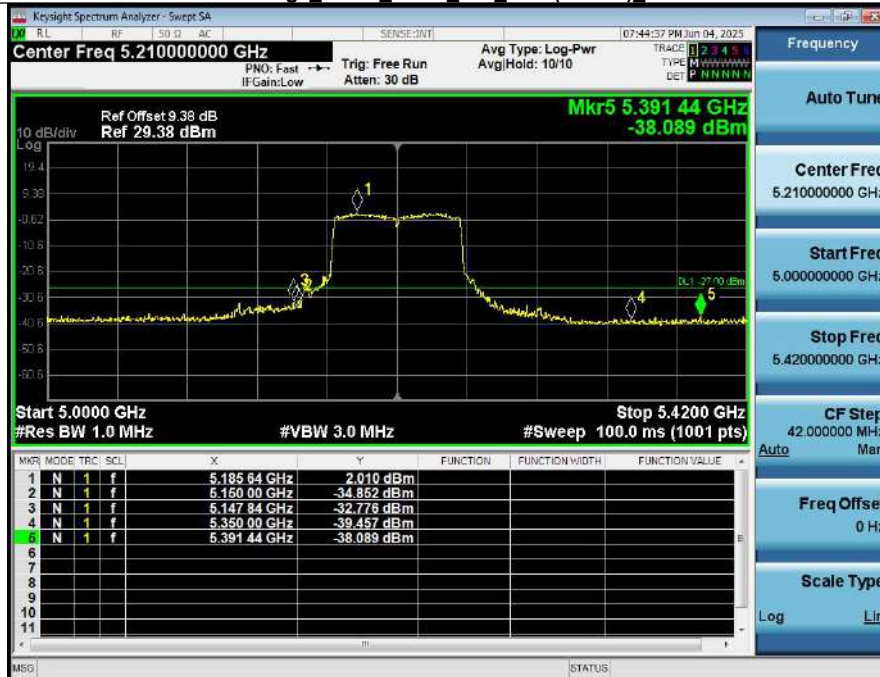
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190



Bandedge_NVNT_ANT1_802_11ac(VHT40)_5230



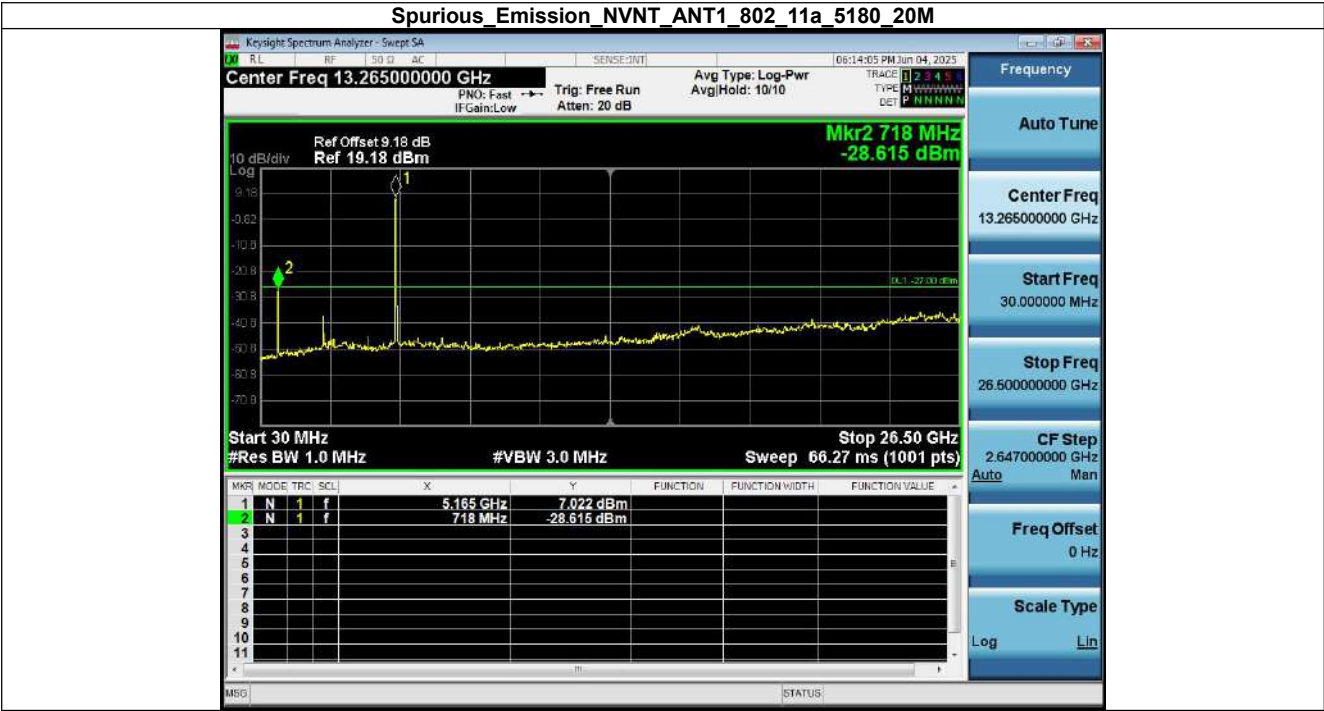
Bandedge_NVNT_ANT1_802_11ac(VHT80)_5210



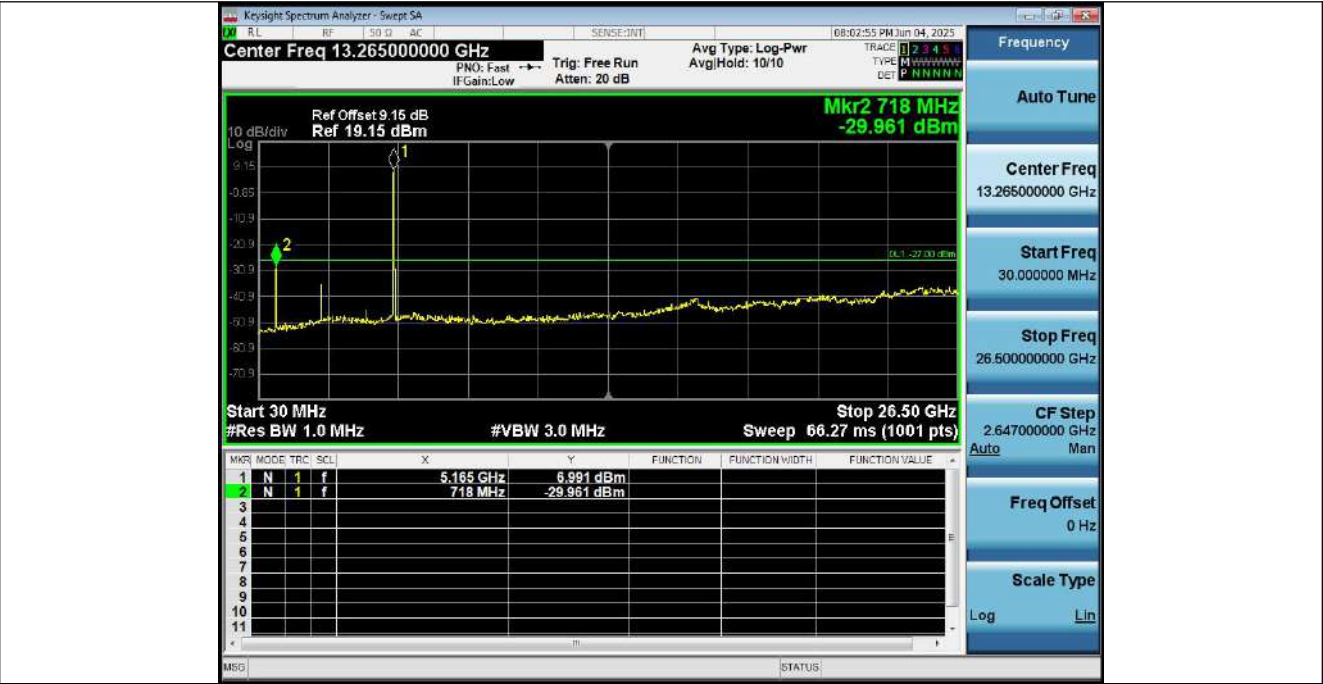
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	718.22	-28.62	-27	Pass
NVNT	ANT1	802.11a	5200.00	718.22	-29.96	-27	Pass
NVNT	ANT1	802.11a	5240.00	25044.15	-36.78	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	718.22	-29.18	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	718.22	-32.92	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	2465.24	-35.96	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	24964.74	-36.21	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	903.51	-28.55	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	25070.62	-36.79	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	903.51	-28.71	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	25758.84	-37.05	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	25044.15	-35.53	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	718.22	-32.13	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	718.22	-33.37	-27	Pass

Note:1. The antenna gain is compensated in the test data.
2.2.65GHz-40GHz the Spurious leve margin is the largest, so the test data only reflects 30MHz-26.5GHz



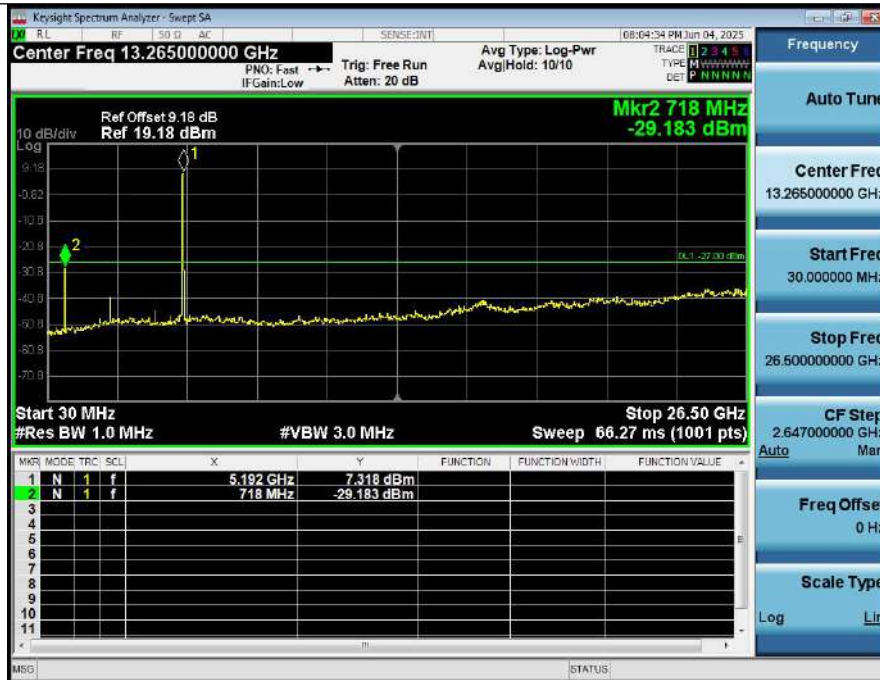
Spurious_Emission_NVNT_ANT1_802_11a_5200_20M



Spurious Emission_NVNT_ANT1_802_11a_5240_20M



Spurious Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



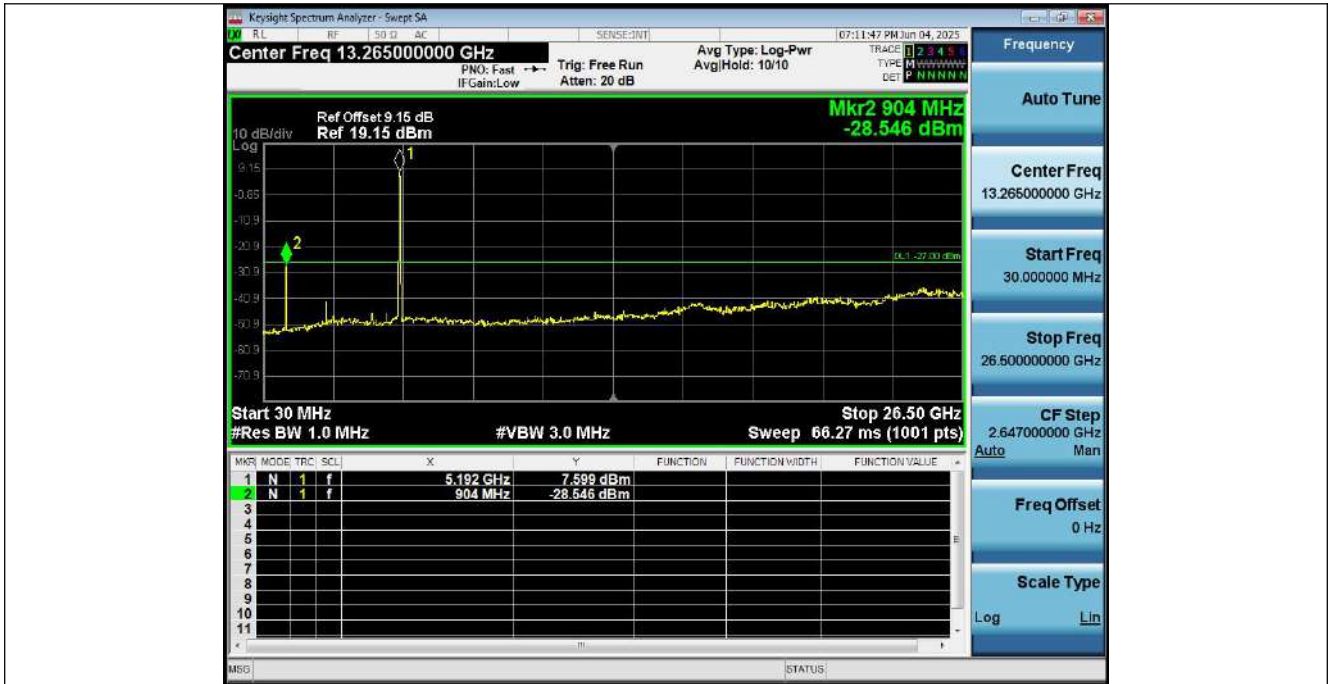
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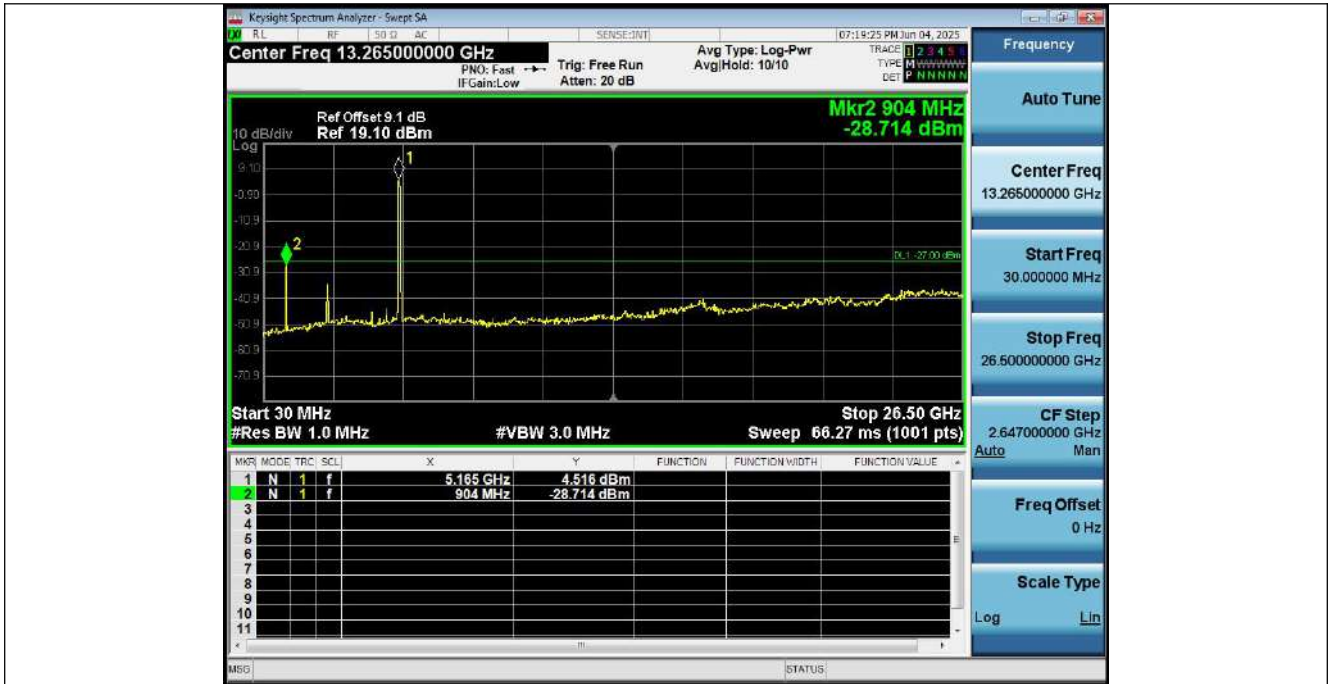
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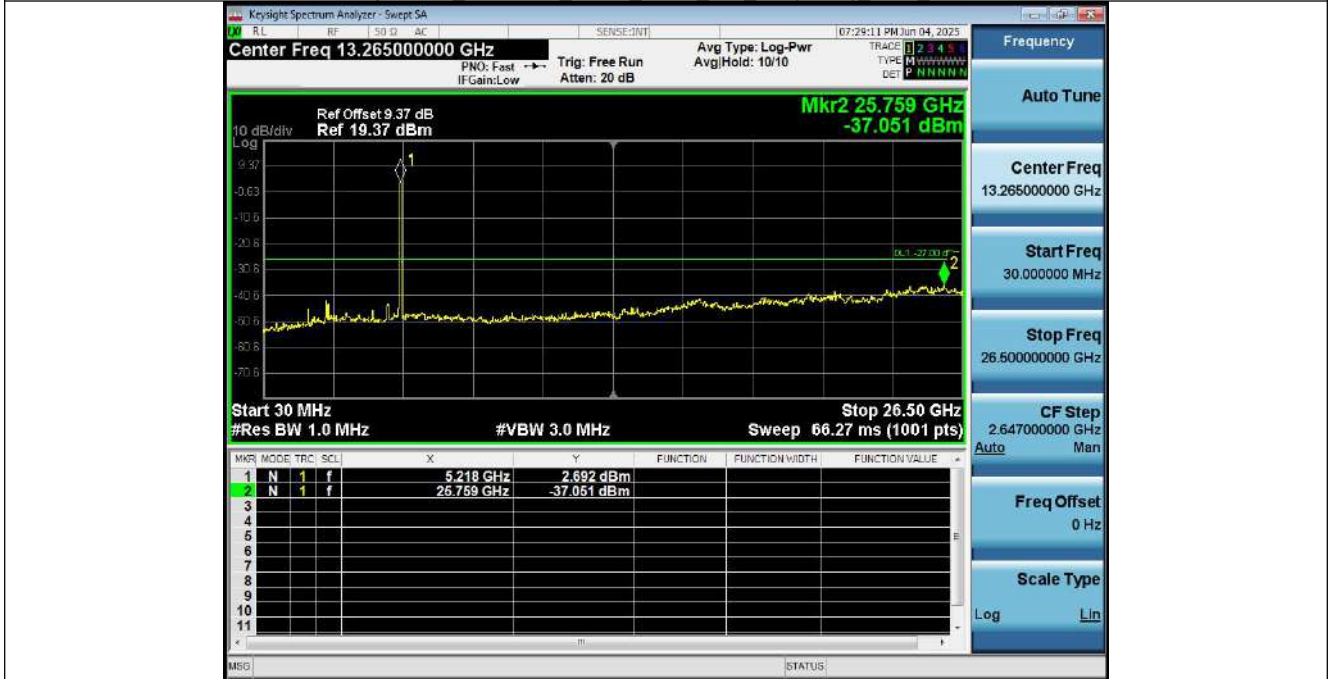
Spurious Emission NVNT ANT1_802_11ac(VHT20) 5200_20M



Spurious Emission NVNT_ANT1_802_11n(HT40)_5190_40M



Spurious Emission_NVNT_ANT1_802_11n(HT40)_5230_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)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&11.1V	ANT1	802.11a	5180.00	5179.976	5171.292	5188.660	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11a	5180.00	5180.020	5171.636	5188.404	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11a	5180.00	5180.024	5171.780	5188.268	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11a	5180.00	5180.028	5171.868	5188.188	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11a	5180.00	5180.024	5171.928	5188.120	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11a	5180.00	5180.020	5171.988	5188.052	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11a	5180.00	5180.016	5172.036	5187.996	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11a	5180.00	5180.018	5172.076	5187.960	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11a	5180.00	5180.022	5172.124	5187.920	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11a	5180.00	5180.008	5172.168	5187.848	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11a	5180.00	5180.032	5172.220	5187.844	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11a	5200.00	5200.004	5191.340	5208.668	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11a	5200.00	5200.048	5191.652	5208.444	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11a	5200.00	5200.032	5191.784	5208.280	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11a	5200.00	5200.036	5191.864	5208.208	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11a	5200.00	5200.030	5191.928	5208.132	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11a	5200.00	5200.032	5191.980	5208.084	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11a	5200.00	5200.026	5192.028	5208.024	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11a	5200.00	5200.022	5192.076	5207.968	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11a	5200.00	5200.030	5192.124	5207.936	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11a	5200.00	5200.024	5192.172	5207.876	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11a	5200.00	5200.032	5192.212	5207.852	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11a	5240.00	5240.022	5231.348	5248.696	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11a	5240.00	5240.040	5231.652	5248.428	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11a	5240.00	5240.036	5231.788	5248.284	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11a	5240.00	5240.032	5231.864	5248.200	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11a	5240.00	5240.022	5231.928	5248.116	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11a	5240.00	5240.030	5231.988	5248.072	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11a	5240.00	5240.024	5232.044	5248.004	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11a	5240.00	5240.032	5232.092	5247.972	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11a	5240.00	5240.030	5232.148	5247.912	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11a	5240.00	5240.024	5232.188	5247.860	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11a	5240.00	5240.010	5232.220	5247.800	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.036	5170.880	5189.192	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.020	5171.112	5188.928	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.020	5171.256	5188.784	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.020	5171.344	5188.696	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.026	5171.416	5188.636	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.024	5171.484	5188.564	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.026	5171.540	5188.512	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.018	5171.588	5188.448	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11n(HT20)	5180.00	5180.024	5171.640	5188.408	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5180.00	5180.026	5171.700	5188.352	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11n(HT20)	5180.00	5180.026	5171.748	5188.304	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.022	5190.836	5209.208	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.012	5191.104	5208.920	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.008	5191.240	5208.776	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.324	5208.716	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.014	5191.396	5208.632	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.026	5191.464	5208.588	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.528	5208.512	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.012	5191.576	5208.448	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11n(HT20)	5200.00	5200.012	5191.636	5208.388	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5200.00	5200.016	5191.692	5208.340	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11n(HT20)	5200.00	5200.022	5191.744	5208.300	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.020	5230.868	5249.172	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.032	5231.132	5248.932	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.020	5231.252	5248.788	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.030	5231.340	5248.720	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.026	5231.408	5248.644	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.012	5231.472	5248.552	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5239.998	5231.528	5248.468	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.016	5231.584	5248.448	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11n(HT20)	5240.00	5240.020	5231.648	5248.392	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5240.00	5240.016	5231.684	5248.348	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11n(HT20)	5240.00	5240.014	5231.744	5248.284	5150~5250	Pass

55degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.006	5170.856	5189.156	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.014	5171.120	5188.908	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5171.256	5188.808	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.022	5171.344	5188.700	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.028	5171.420	5188.636	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.034	5171.488	5188.580	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.038	5171.540	5188.536	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.028	5171.596	5188.460	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT20)	5180.00	5180.026	5171.656	5188.396	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5180.00	5180.012	5171.708	5188.316	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT20)	5180.00	5180.020	5171.756	5188.284	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.018	5190.848	5209.188	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.124	5208.932	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.034	5191.260	5208.808	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.030	5191.344	5208.716	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.032	5191.408	5208.656	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.020	5191.464	5208.576	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.024	5191.532	5208.516	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.022	5191.584	5208.460	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT20)	5200.00	5200.036	5191.644	5208.428	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5200.00	5200.034	5191.708	5208.360	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT20)	5200.00	5200.020	5191.748	5208.292	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.022	5230.896	5249.148	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.028	5231.144	5248.912	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.030	5231.264	5248.796	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.038	5231.352	5248.724	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.040	5231.432	5248.648	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.026	5231.488	5248.564	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.022	5231.536	5248.508	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.020	5231.596	5248.444	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT20)	5240.00	5240.032	5231.676	5248.388	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5240.00	5240.032	5231.736	5248.328	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT20)	5240.00	5240.032	5231.776	5248.288	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.056	5171.744	5208.368	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.052	5171.952	5208.152	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.040	5172.080	5208.000	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.084	5172.200	5207.968	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.044	5172.312	5207.776	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.056	5172.416	5207.696	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.044	5172.488	5207.600	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.052	5172.584	5207.520	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11n(HT40)	5190.00	5190.036	5172.664	5207.408	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5190.00	5190.032	5172.752	5207.312	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11n(HT40)	5190.00	5190.036	5172.832	5207.240	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.064	5211.768	5248.360	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.076	5211.976	5248.176	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.068	5212.112	5248.024	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.072	5212.232	5247.912	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.336	5247.752	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.100	5212.448	5247.752	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.064	5212.536	5247.592	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.080	5212.616	5247.544	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.696	5247.392	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.776	5247.312	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11n(HT40)	5230.00	5230.052	5212.888	5247.216	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5171.744	5208.400	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.068	5171.944	5208.192	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.060	5172.088	5208.032	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5172.216	5207.928	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5172.312	5207.800	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.064	5172.432	5207.696	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.064	5172.512	5207.616	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.080	5172.600	5207.560	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT40)	5190.00	5190.052	5172.680	5207.424	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT40)	5190.00	5190.076	5172.752	5207.400	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5172.832	5207.280	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.072	5211.752	5248.392	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.068	5211.968	5248.168	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.076	5212.104	5248.048	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.056	5212.216	5247.896	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.044	5212.304	5247.784	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.060	5212.408	5247.712	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.064	5212.512	5247.616	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.080	5212.592	5247.568	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT40)	5230.00	5230.064	5212.680	5247.448	5150~5250	Pass

25degrees C&11.1V	ANT1	802.11ac(VHT40)	5230.00	5230.056	5212.768	5247.344	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT40)	5230.00	5230.088	5212.872	5247.304	5150~5250	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.120	5172.104	5248.136	5150~5250	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.108	5172.368	5247.848	5150~5250	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.144	5172.596	5247.692	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.126	5172.752	5247.500	5150~5250	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.114	5172.944	5247.284	5150~5250	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.132	5173.160	5247.104	5150~5250	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.078	5173.388	5246.768	5150~5250	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.126	5173.556	5246.696	5150~5250	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT80)	5210.00	5210.132	5173.736	5246.528	5150~5250	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT80)	5210.00	5210.030	5173.916	5246.144	5150~5250	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT80)	5210.00	5210.132	5174.120	5246.144	5150~5250	Pass