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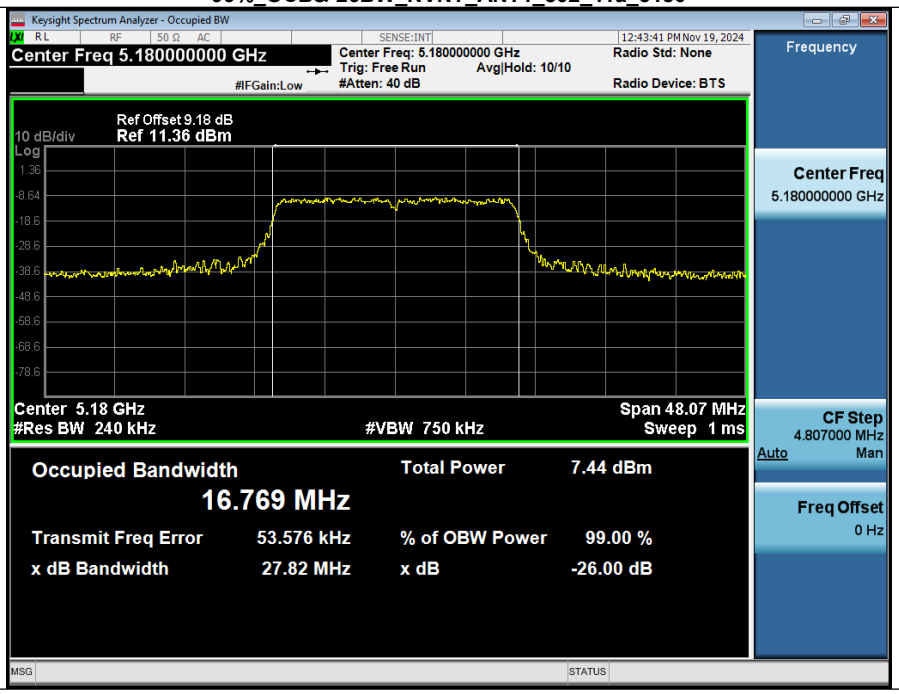
FCC ID: 2BHF6-MTABPRO2700
FCC_5.2G_WIFI (Part15.407) Test Data

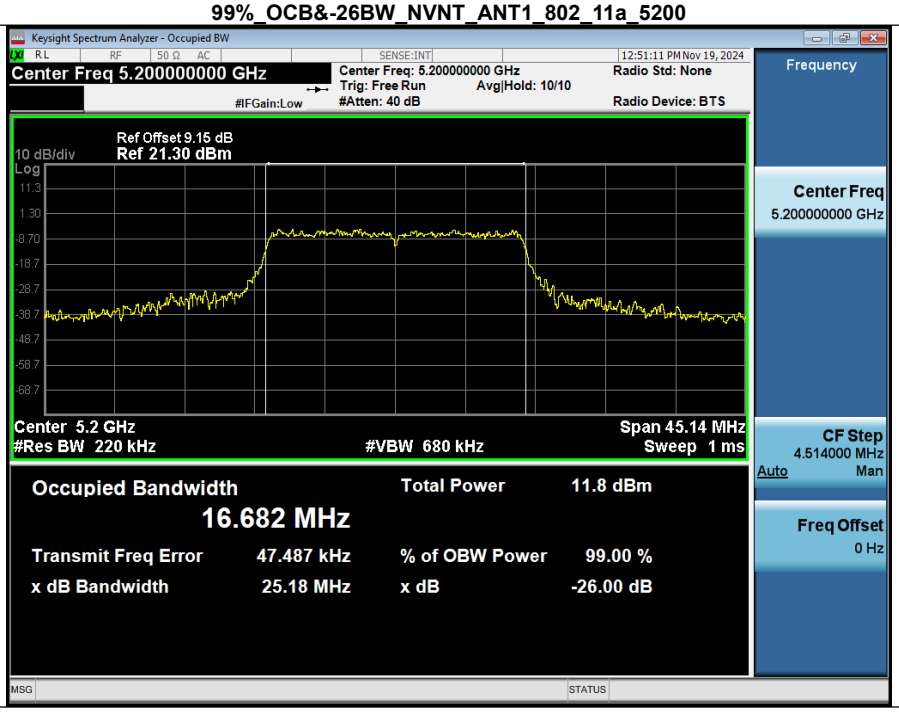
1. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	27.82	16.769
NVNT	ANT1	802.11a	5200.00	25.18	16.682
NVNT	ANT1	802.11a	5240.00	29.58	16.712
NVNT	ANT1	802.11n(HT20)	5180.00	28.57	17.891
NVNT	ANT1	802.11n(HT20)	5200.00	27.59	17.825
NVNT	ANT1	802.11n(HT20)	5240.00	31.44	17.829
NVNT	ANT1	802.11ac(VHT20)	5180.00	30.84	17.822
NVNT	ANT1	802.11ac(VHT20)	5200.00	27.12	17.864
NVNT	ANT1	802.11ac(VHT20)	5240.00	30.99	17.894
NVNT	ANT1	802.11ax(HE20)	5180.00	29.29	17.877
NVNT	ANT1	802.11ax(HE20)	5200.00	28.59	17.867
NVNT	ANT1	802.11ax(HE20)	5240.00	30.05	17.917
NVNT	ANT1	802.11n(HT40)	5190.00	49.72	36.410
NVNT	ANT1	802.11n(HT40)	5230.00	49.41	36.381
NVNT	ANT1	802.11ac(VHT40)	5190.00	47.09	36.394
NVNT	ANT1	802.11ac(VHT40)	5230.00	47.26	36.474
NVNT	ANT1	802.11ax(HE40)	5190.00	48.68	36.348
NVNT	ANT1	802.11ax(HE40)	5230.00	46.21	36.422

99%_OCB&-26BW_NVNT_ANT1_802_11a_5180



99%_OCB&-26BW_NVNT_ANT1_802_11a_5200



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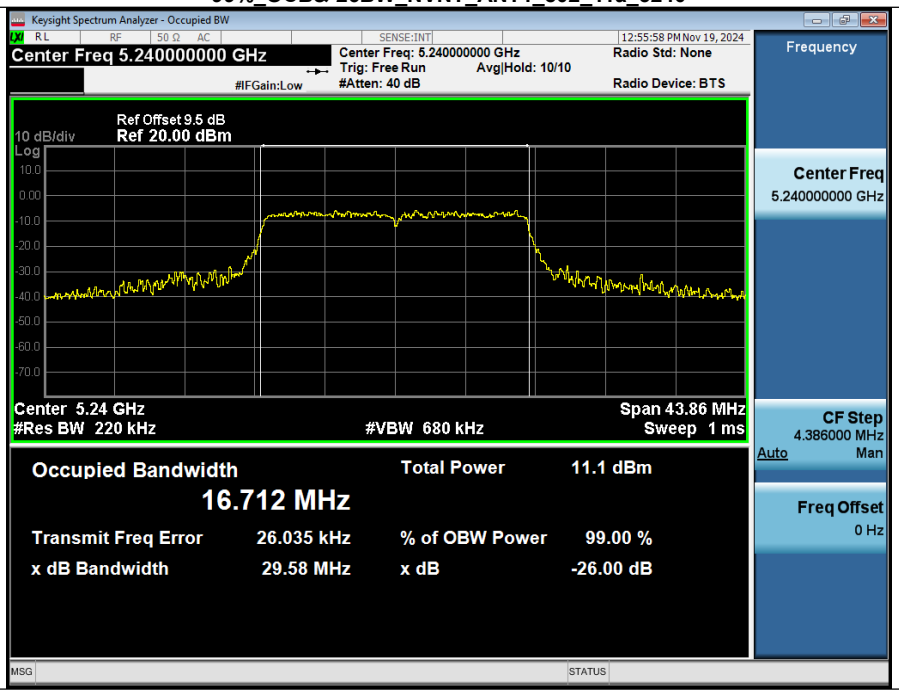
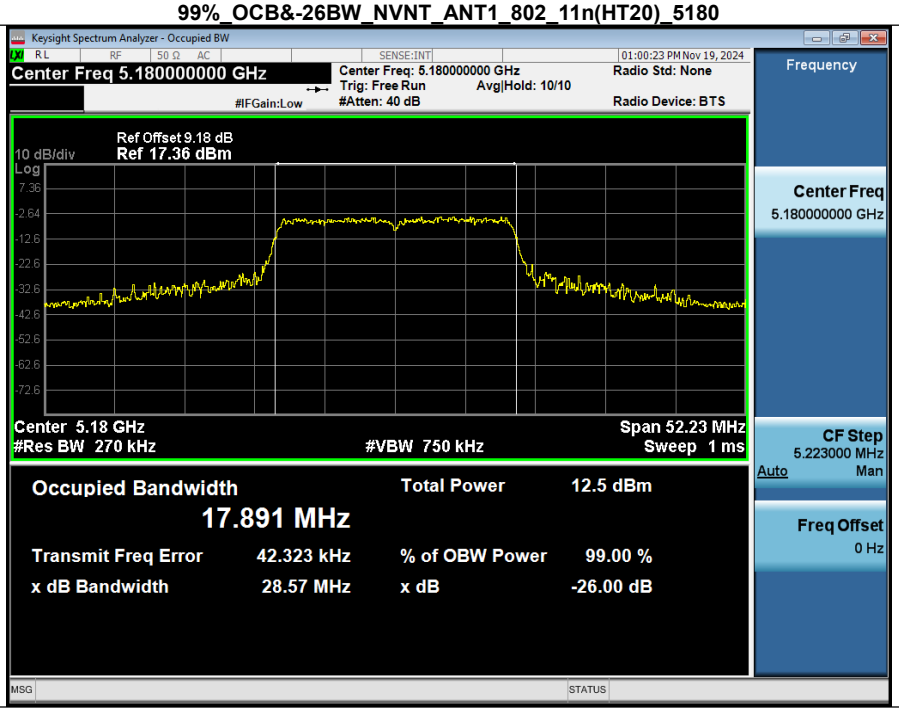


99%_OCB&-26BW_NVNT_ANT1_802_11n(HT20)_5180



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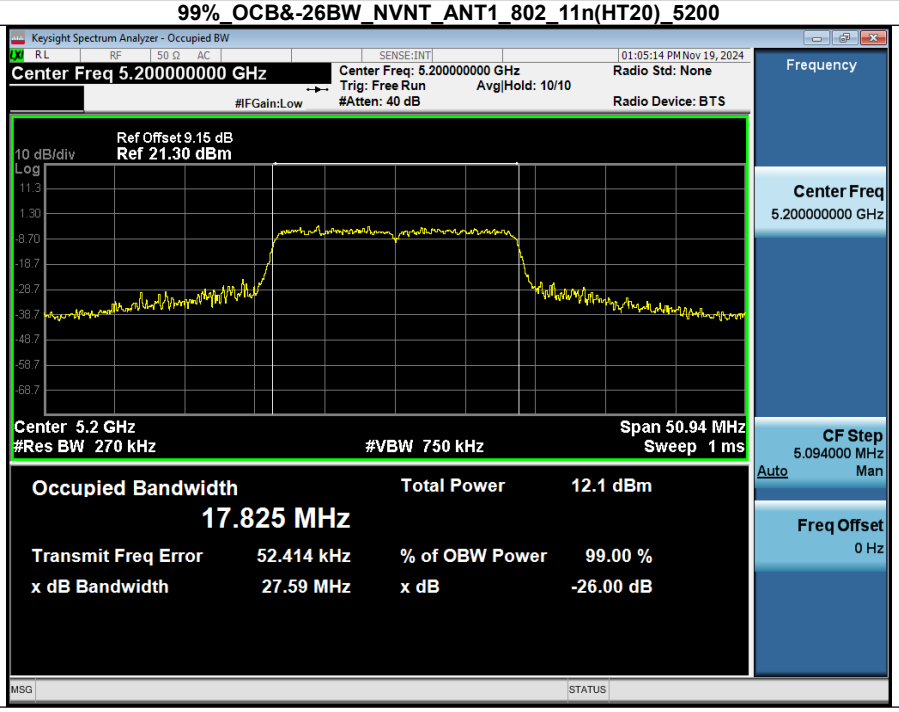

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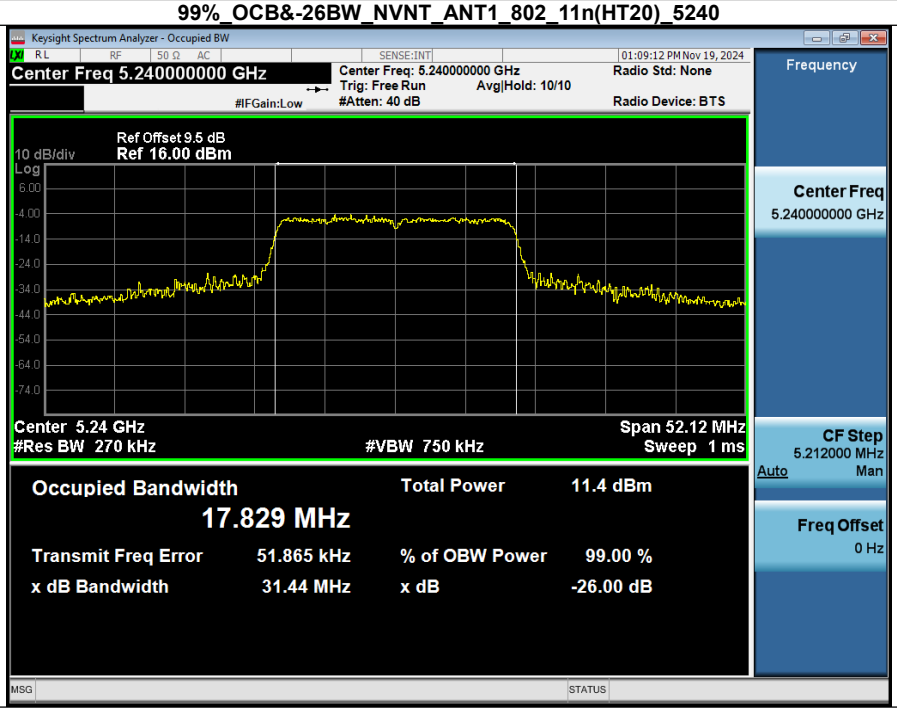

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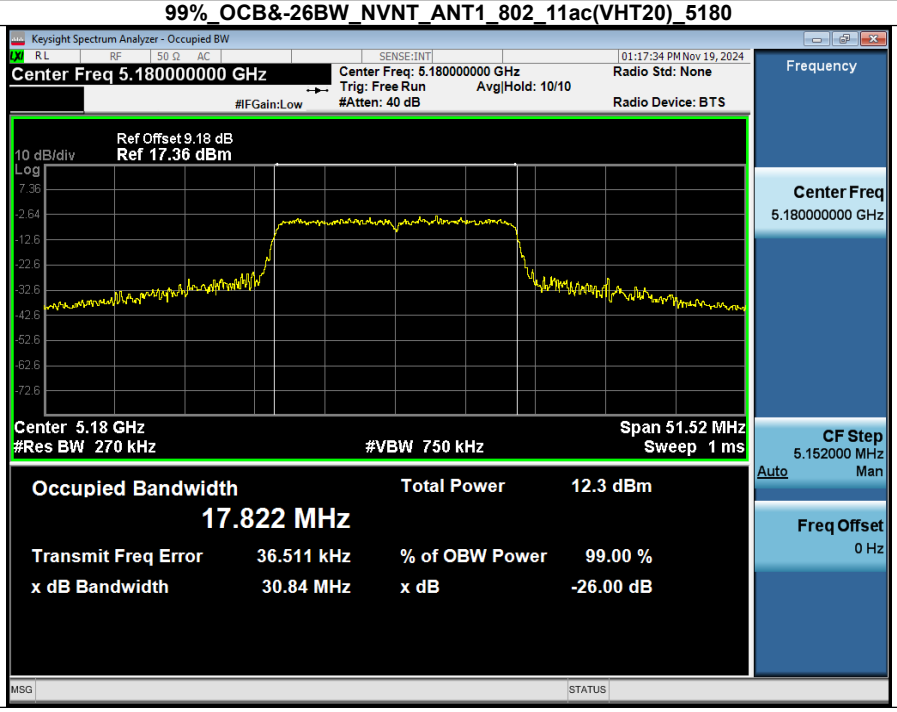

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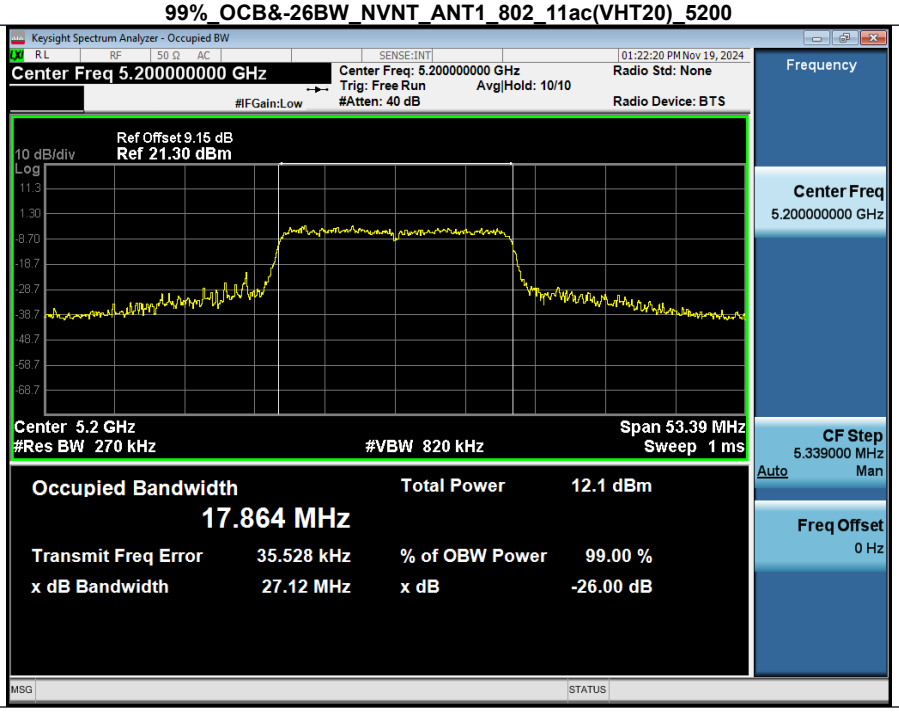

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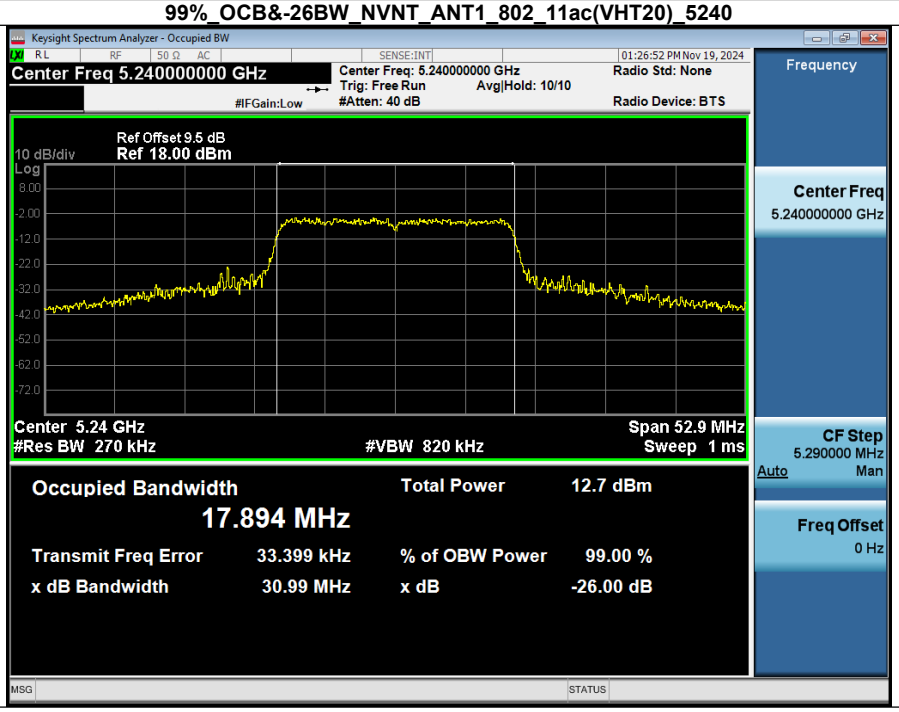
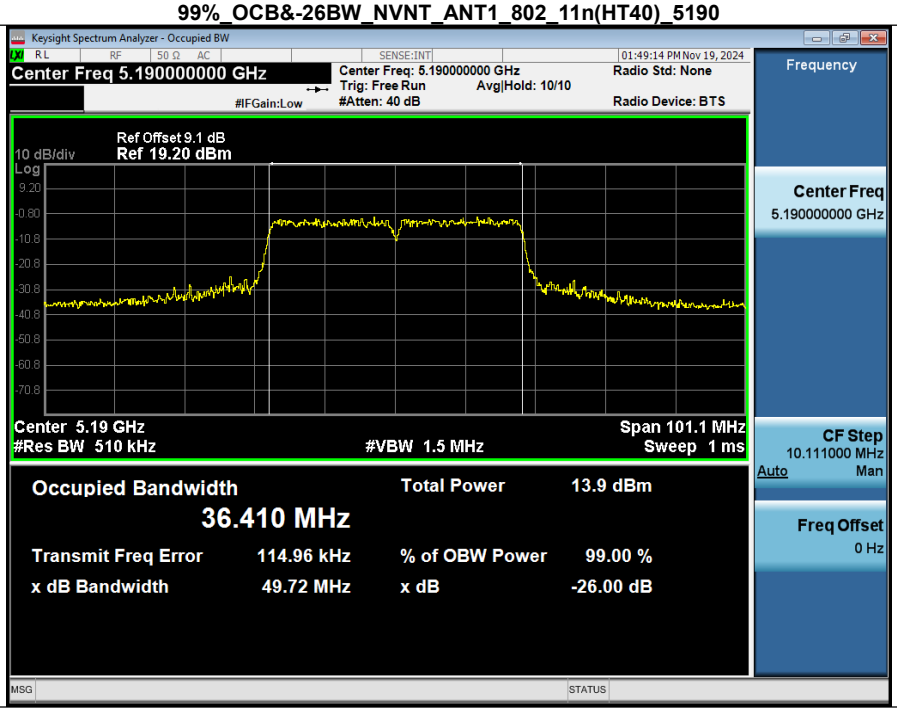


99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE20)_5180

99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE20)_5200

99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE20)_5240

99%_OCB&-26BW_NVNT_ANT1_802_11n(HT40)_5190



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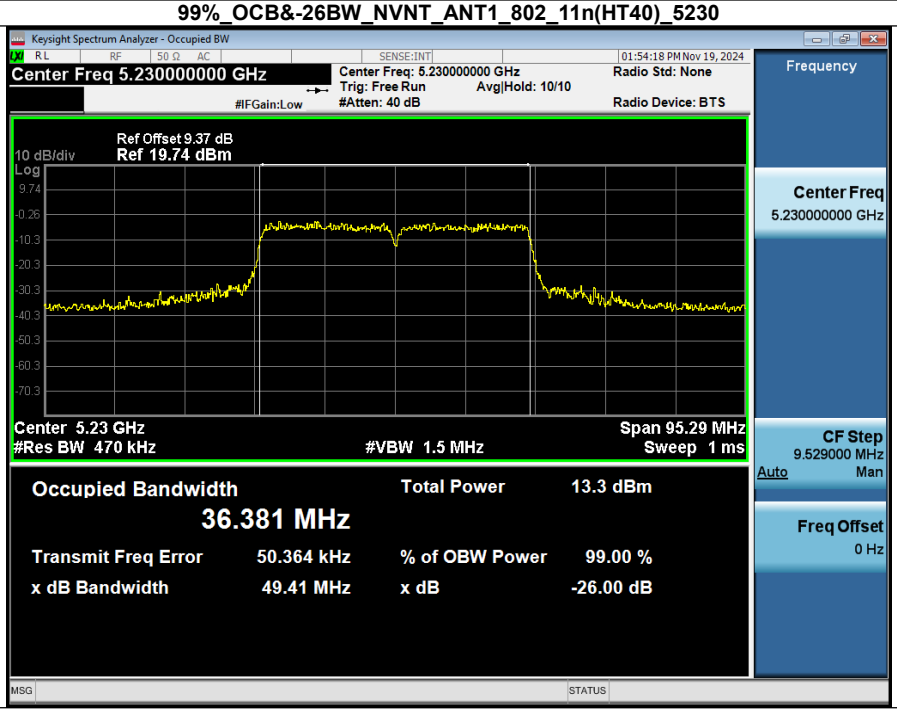

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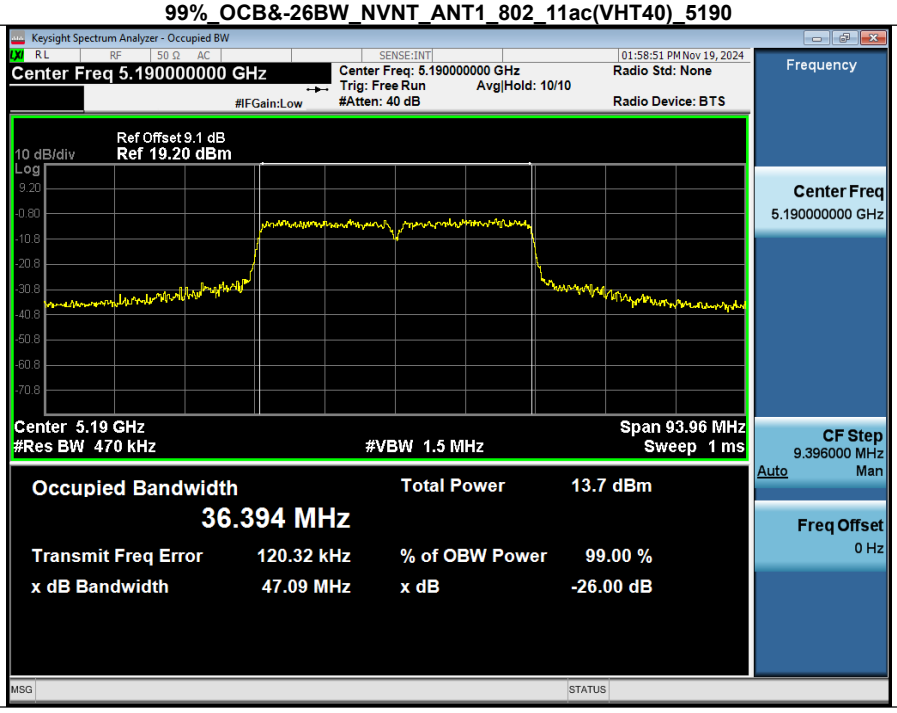

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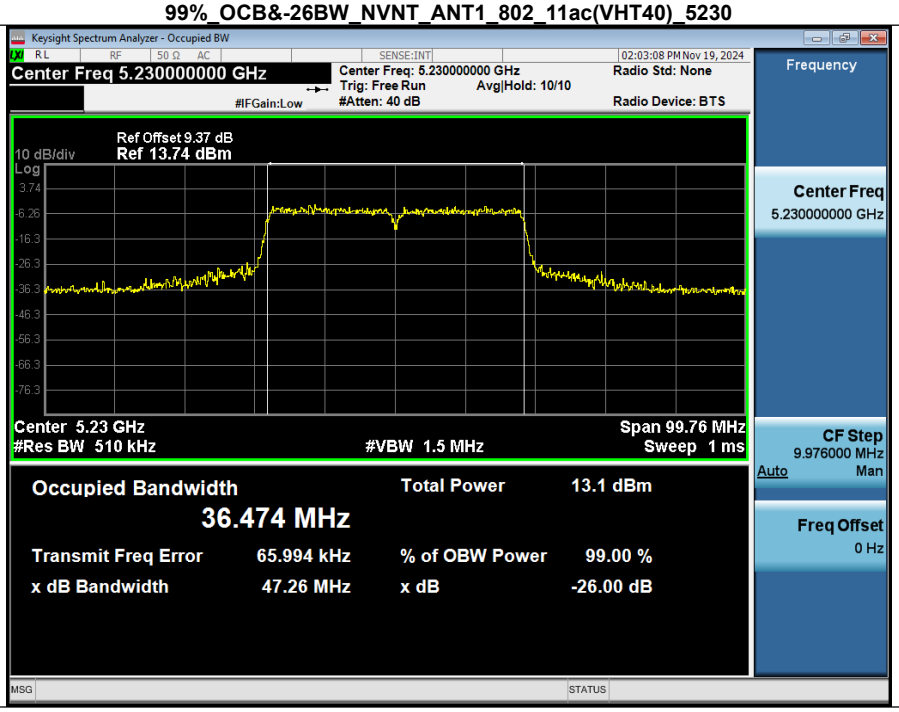
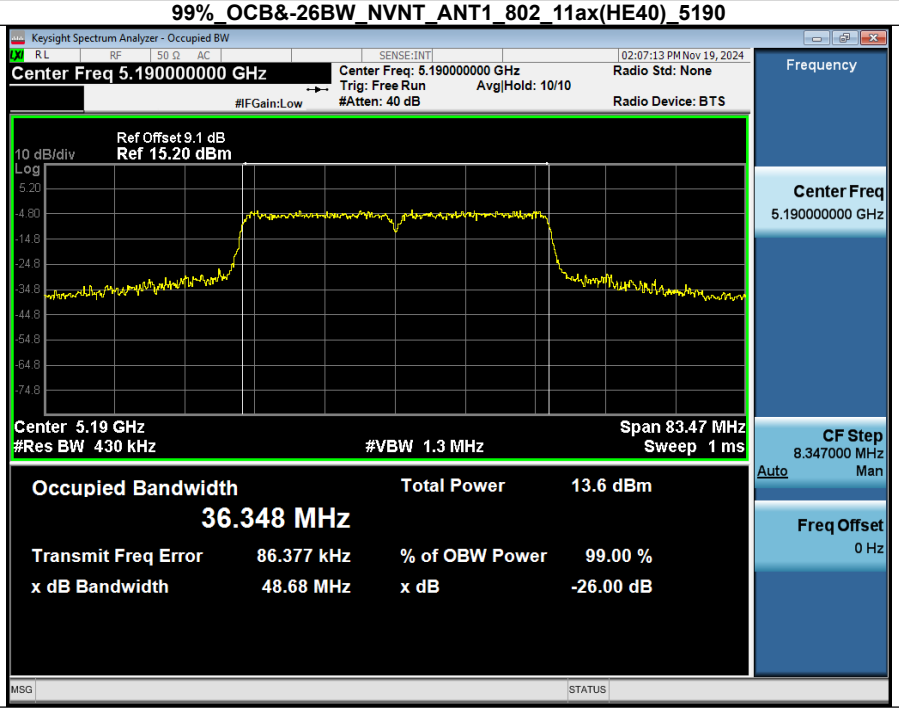
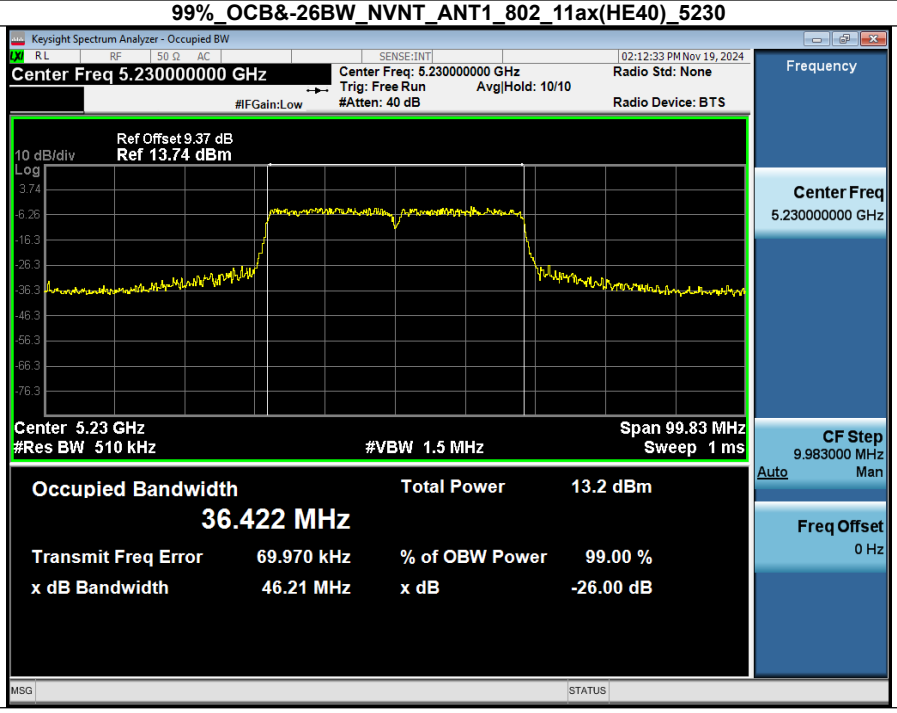


99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE40)_5190



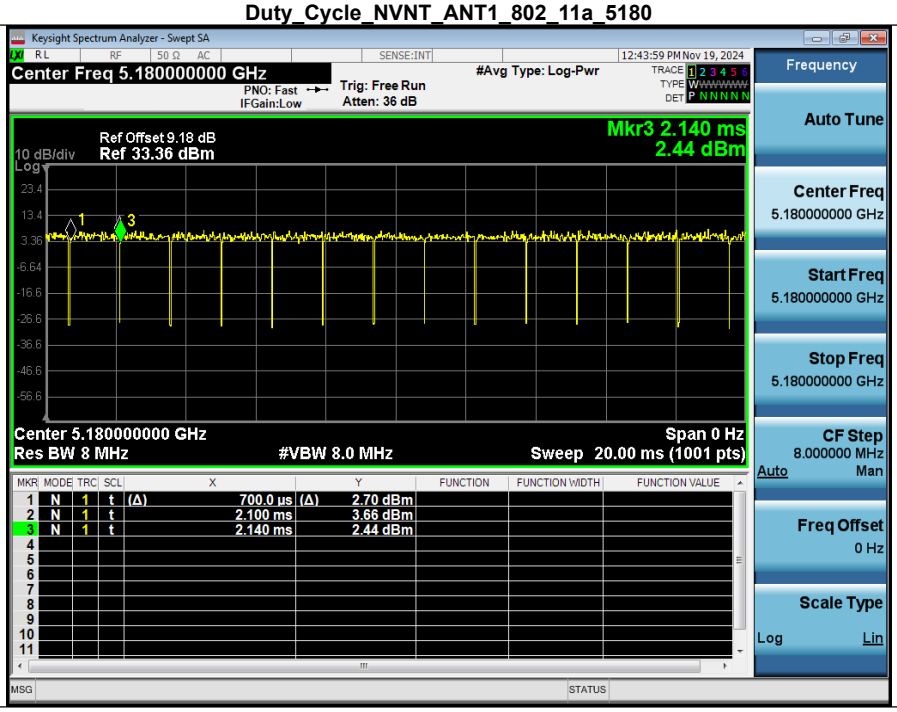
99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE40)_5230



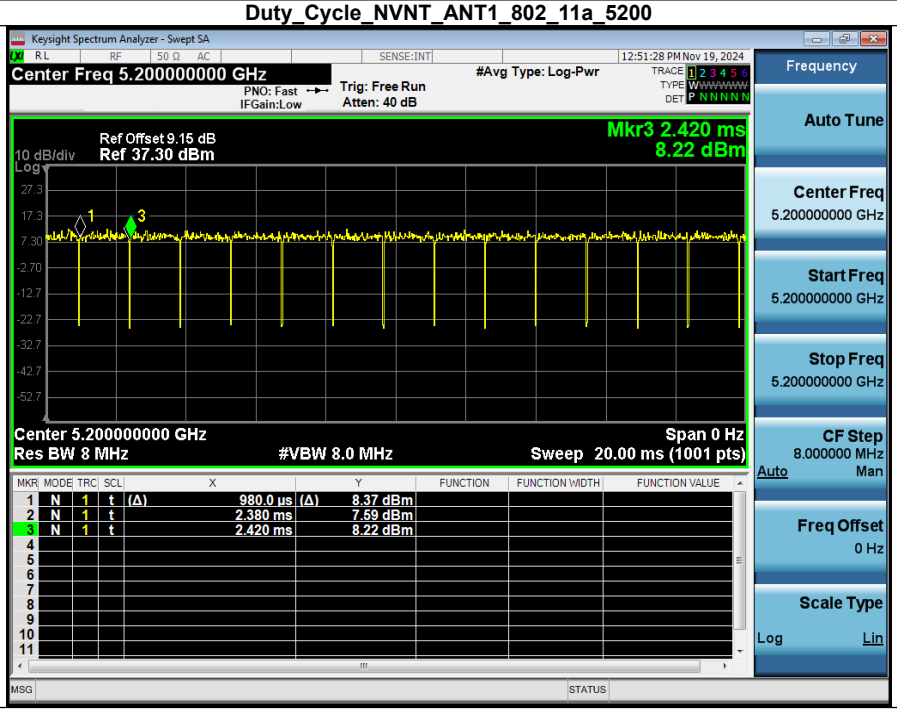
2. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	97.22	0.12
NVNT	ANT1	802.11a	5200.00	97.22	0.12
NVNT	ANT1	802.11a	5240.00	97.22	0.12
NVNT	ANT1	802.11n(HT20)	5180.00	95.16	0.22
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	95.24	0.21
NVNT	ANT1	802.11ac(VHT20)	5200.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5240.00	95.16	0.22
NVNT	ANT1	802.11ax(HE20)	5180.00	96.77	0.14
NVNT	ANT1	802.11ax(HE20)	5200.00	95.16	0.22
NVNT	ANT1	802.11ax(HE20)	5240.00	96.77	0.14
NVNT	ANT1	802.11n(HT40)	5190.00	90.63	0.43
NVNT	ANT1	802.11n(HT40)	5230.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5190.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5230.00	90.91	0.41
NVNT	ANT1	802.11ax(HE40)	5190.00	90.63	0.43
NVNT	ANT1	802.11ax(HE40)	5230.00	90.63	0.43

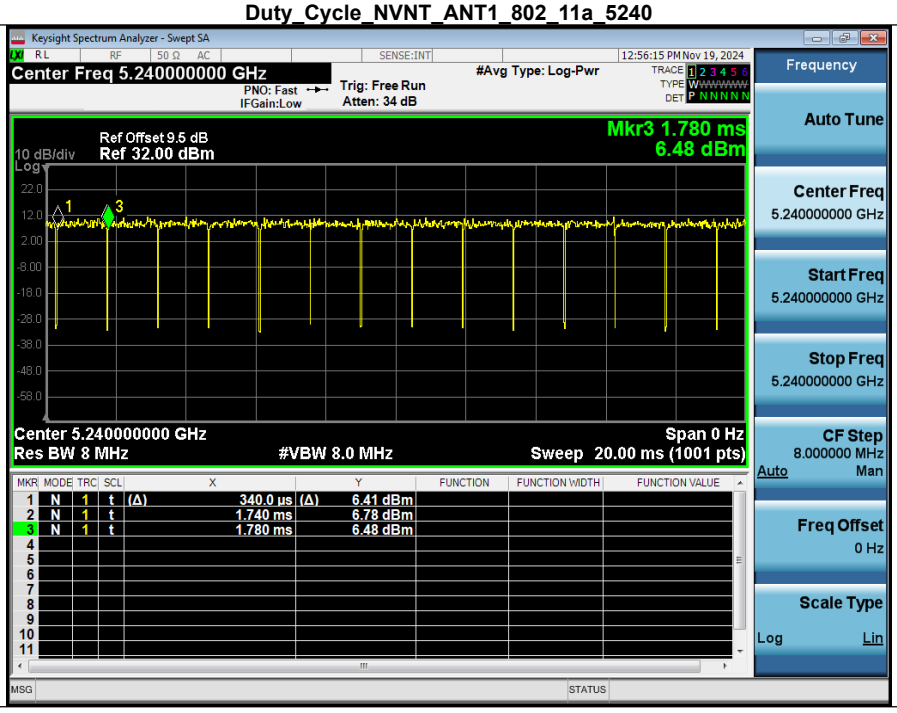
Duty_Cycle_NVNT_ANT1_802_11a_5180



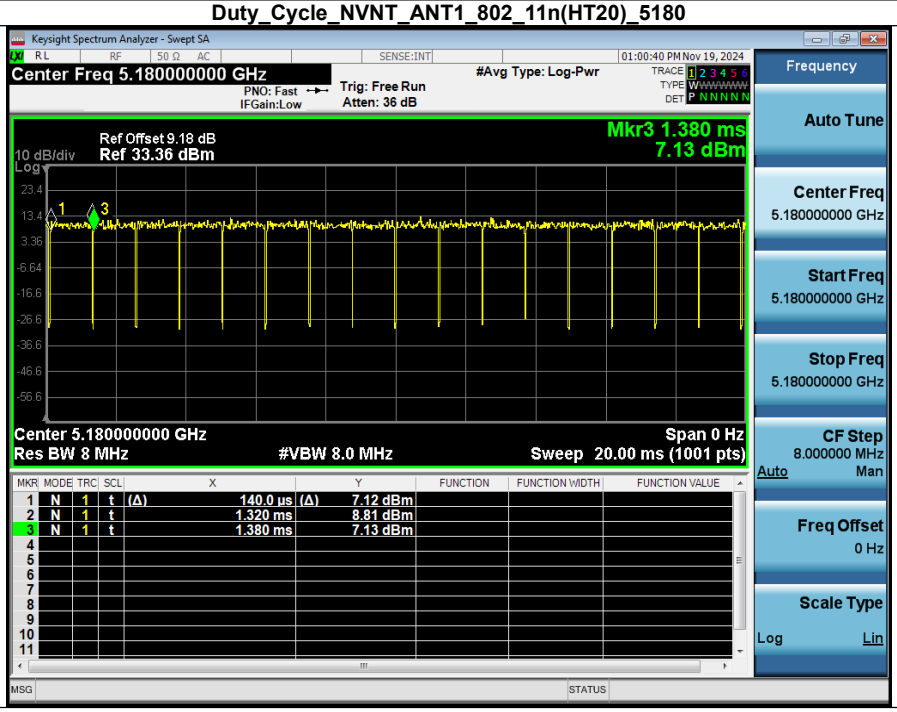
Duty_Cycle_NVNT_ANT1_802_11a_5200



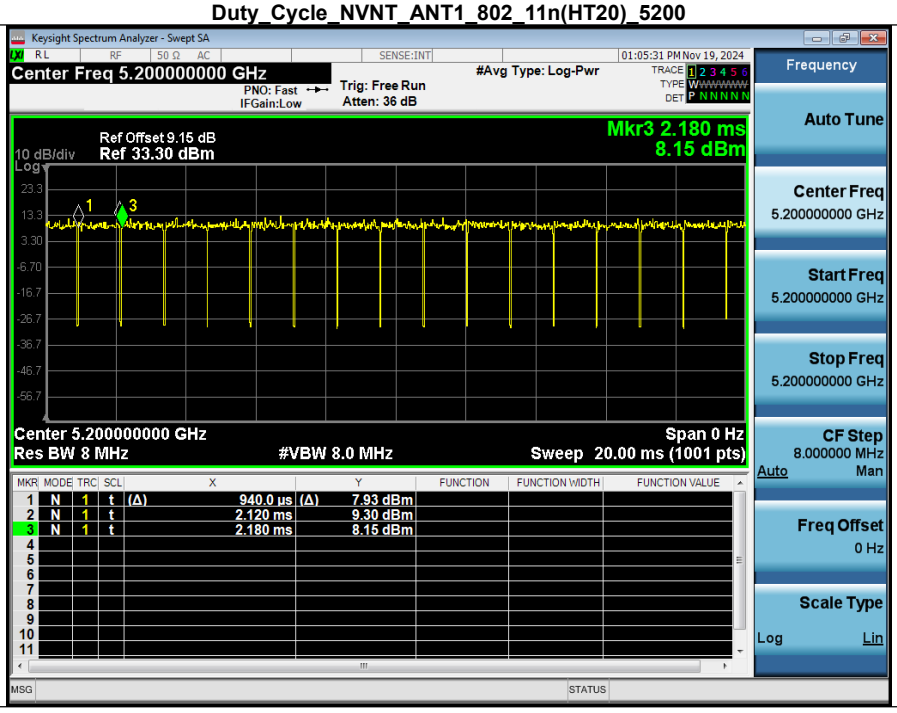
Duty_Cycle_NVNT_ANT1_802_11a_5240



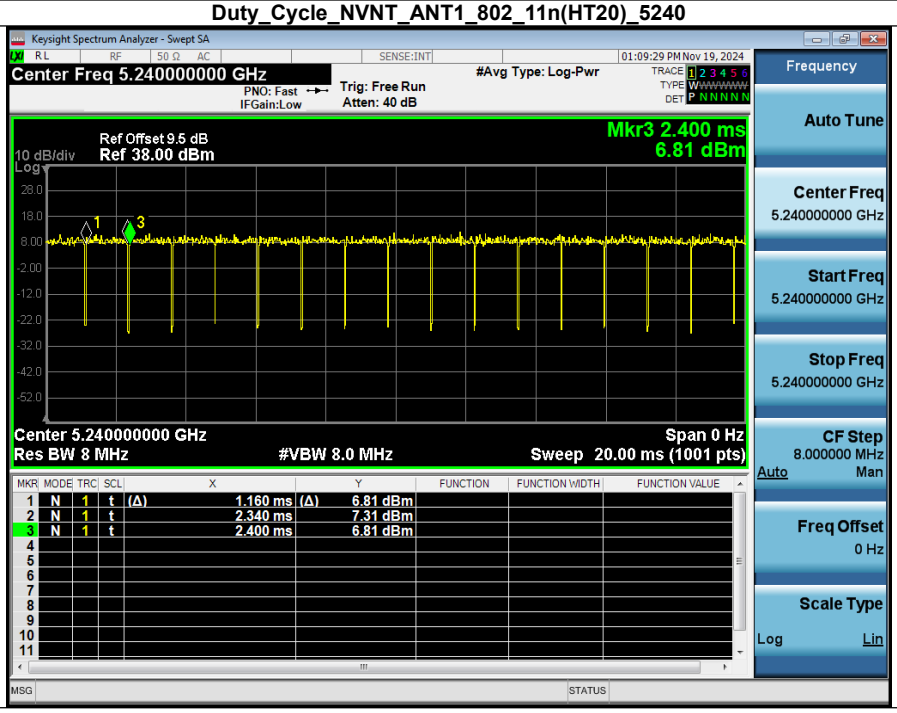
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5180



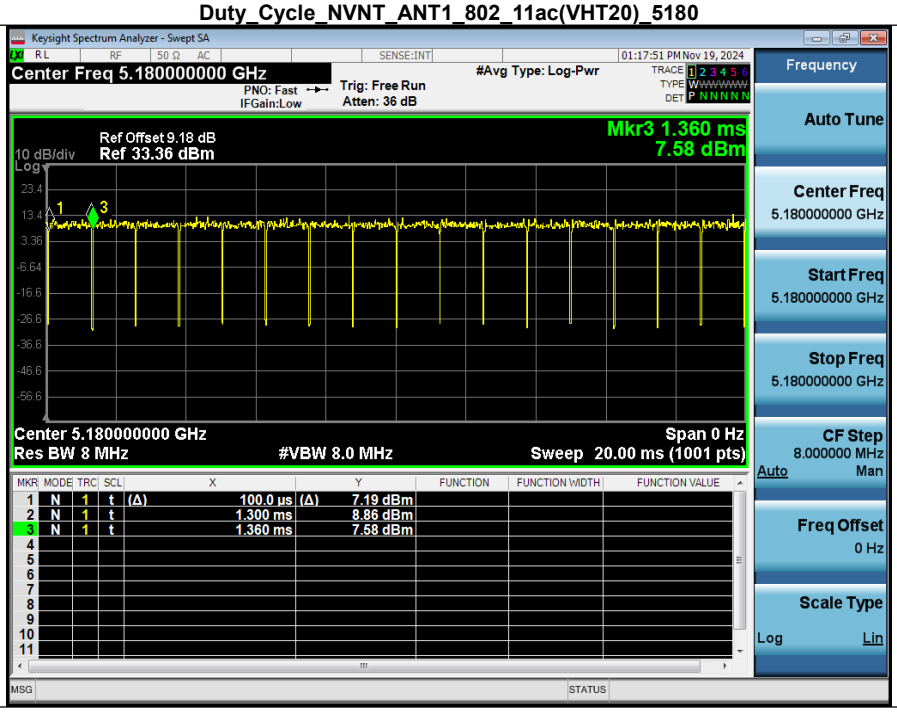
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5200



Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5240



Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5180



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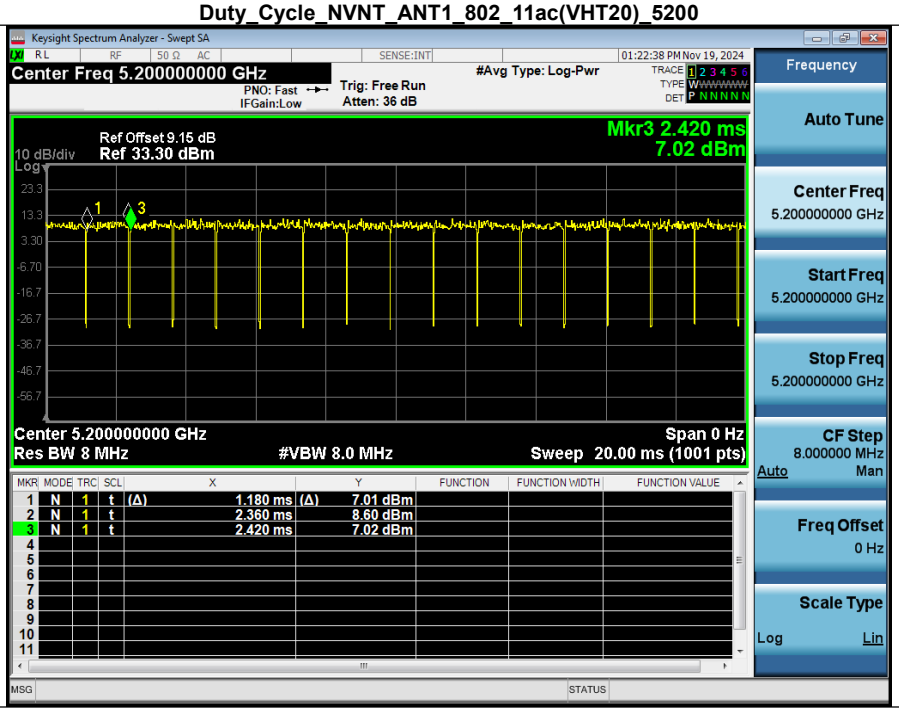
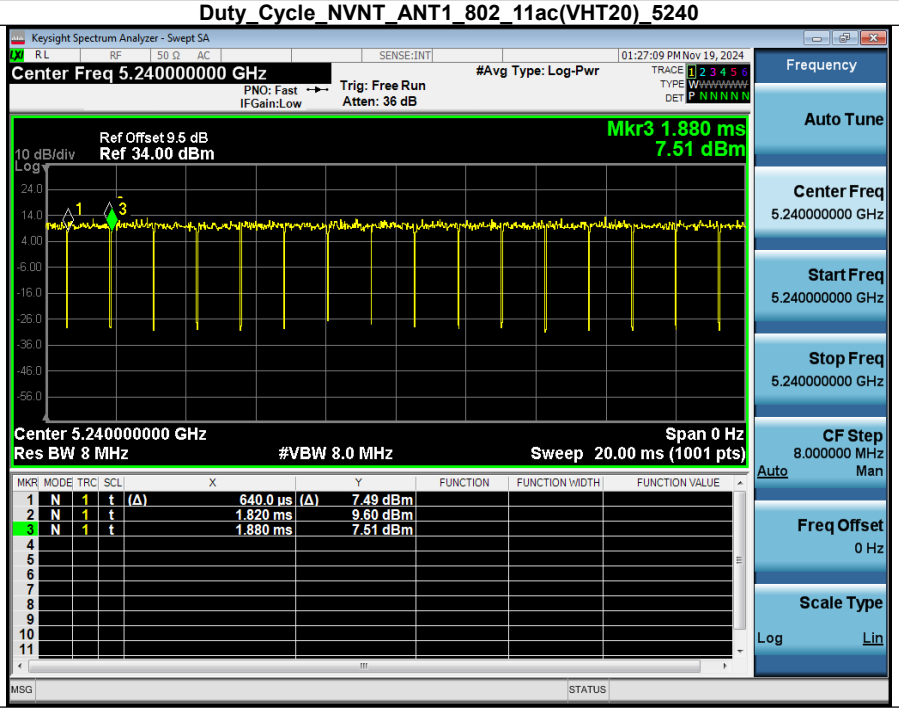
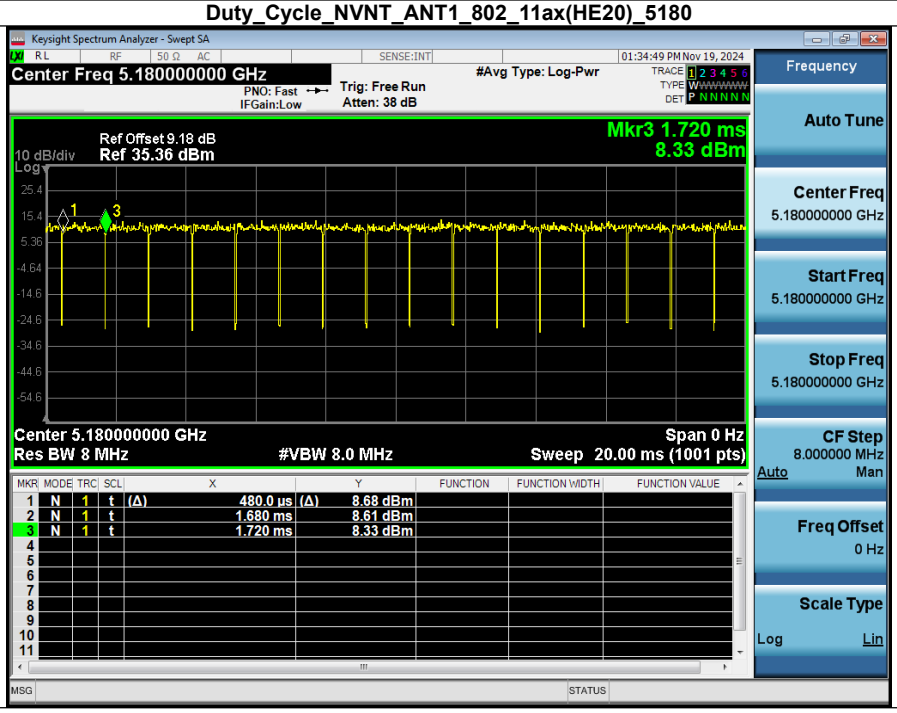


Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5240



Duty_Cycle_NVNT_ANT1_802_11ax(HE20)_5180



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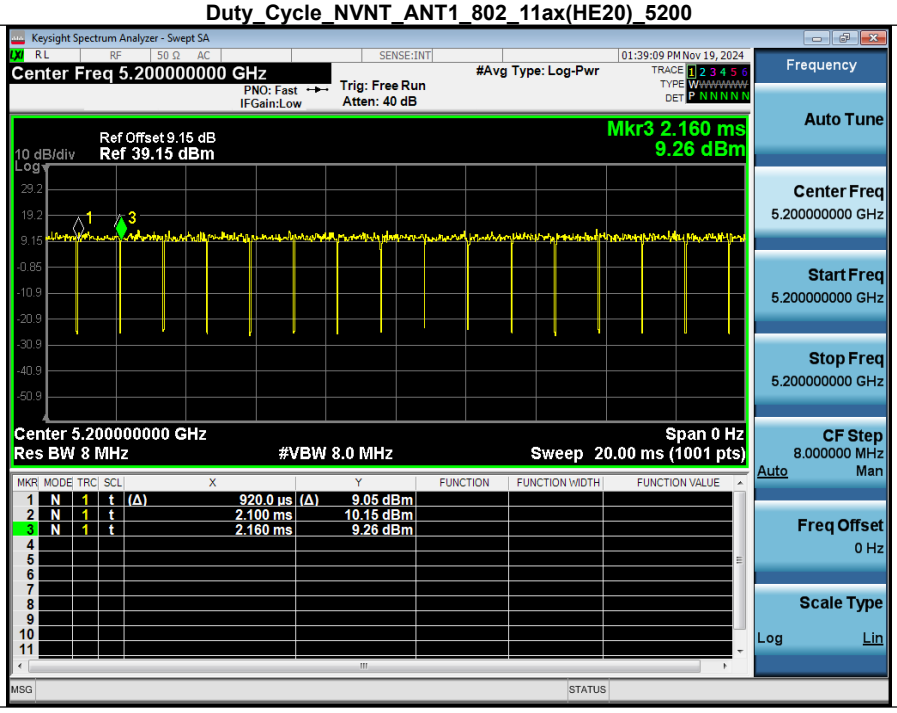

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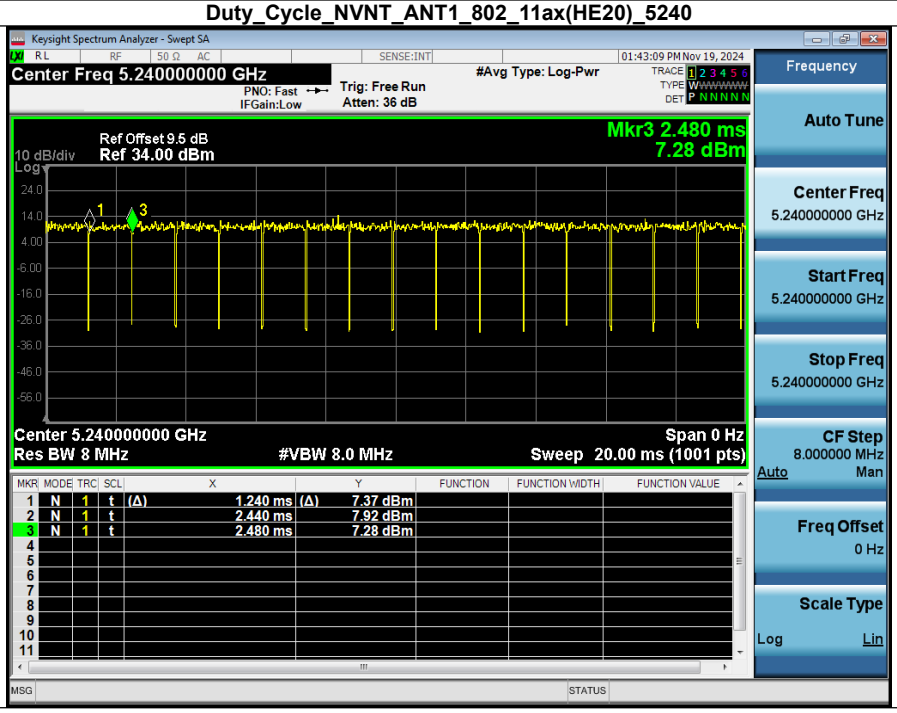
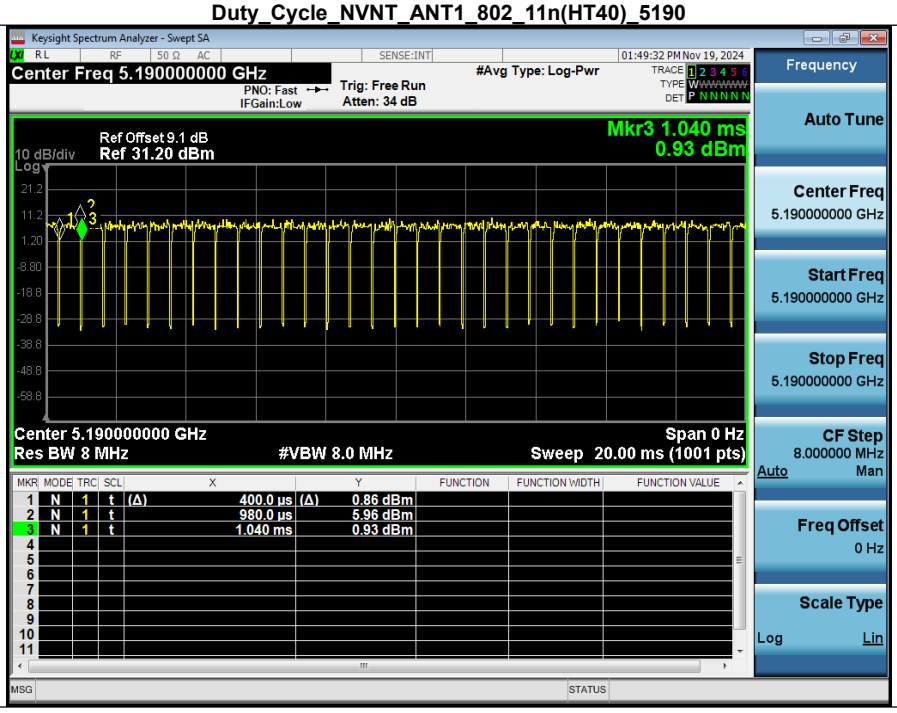
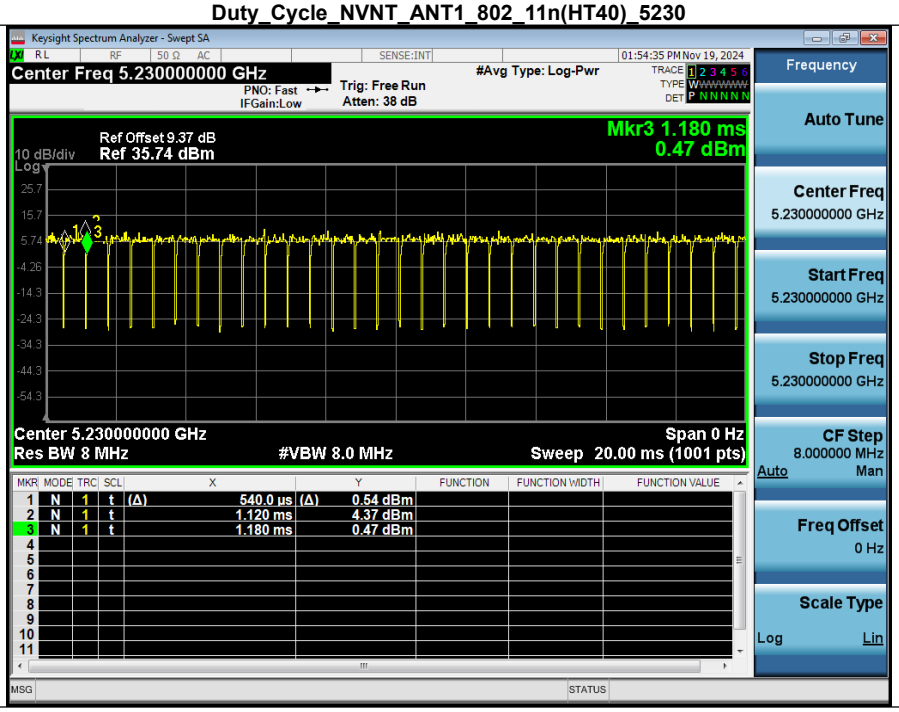


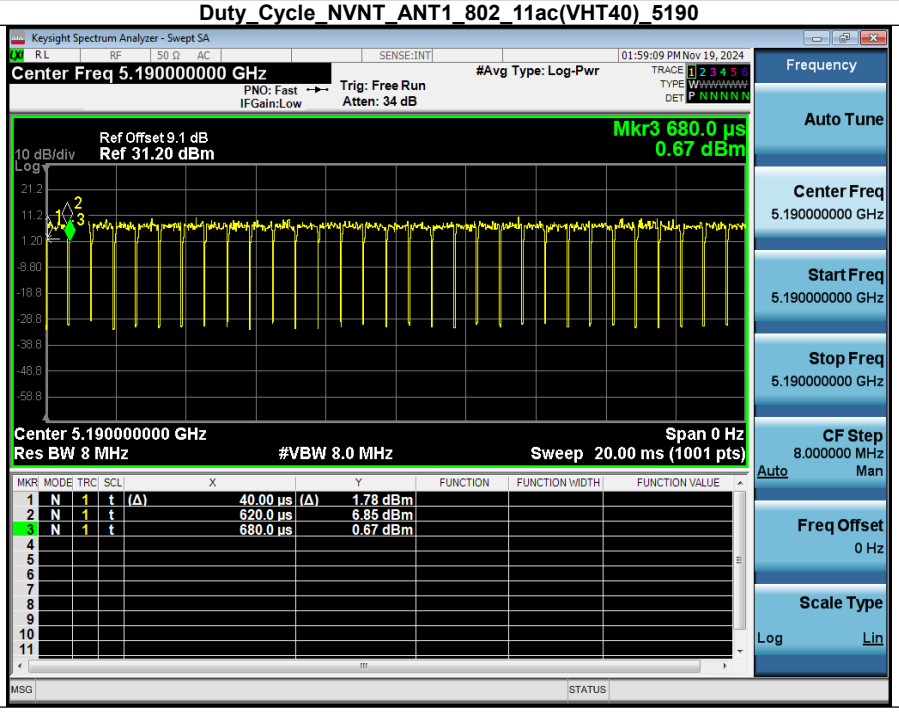
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5190



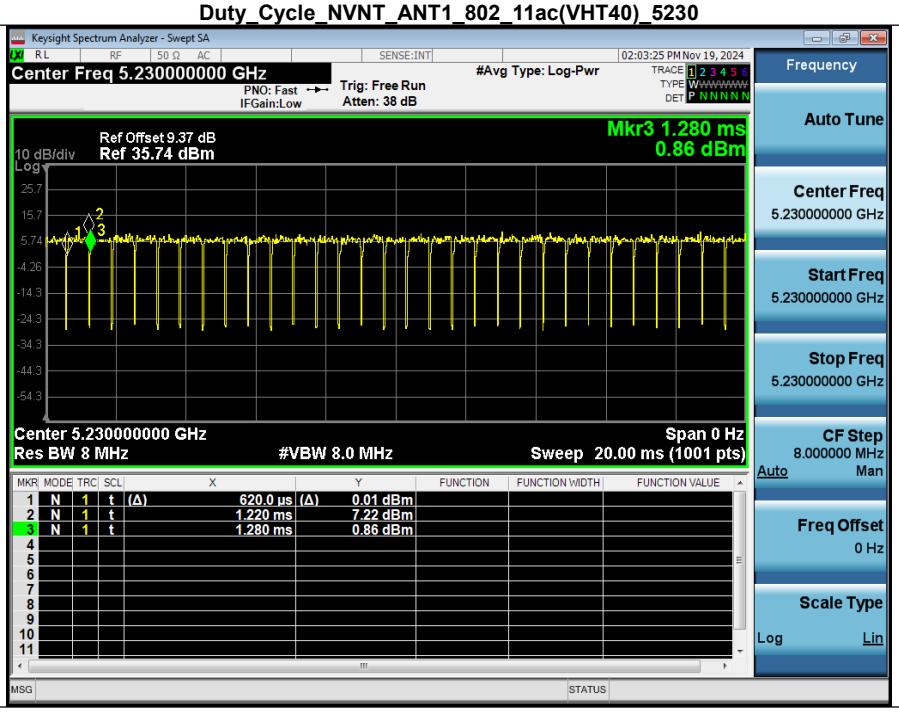
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5230



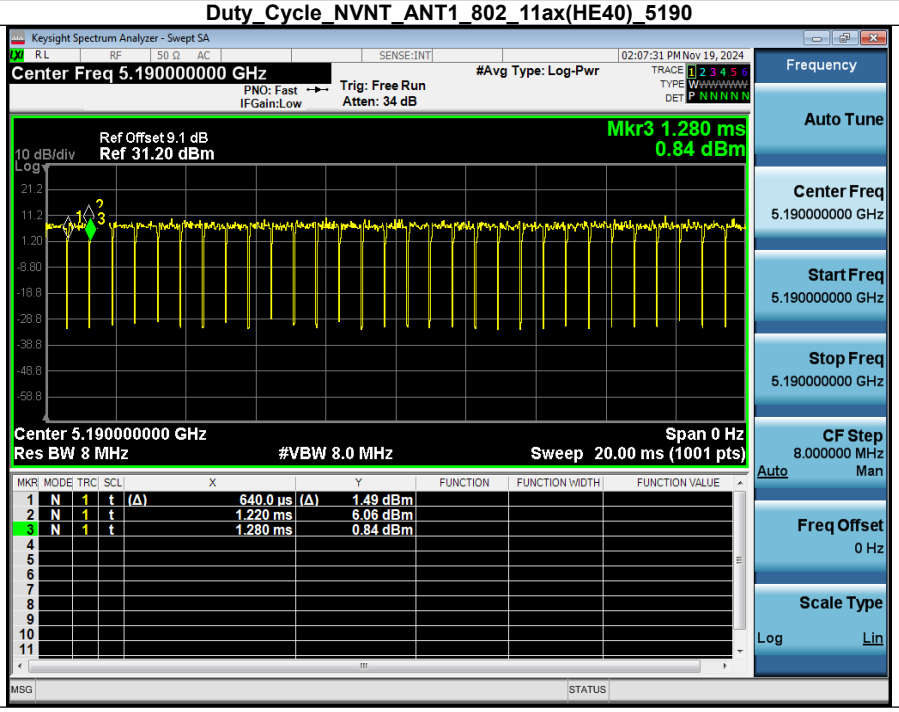
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5190



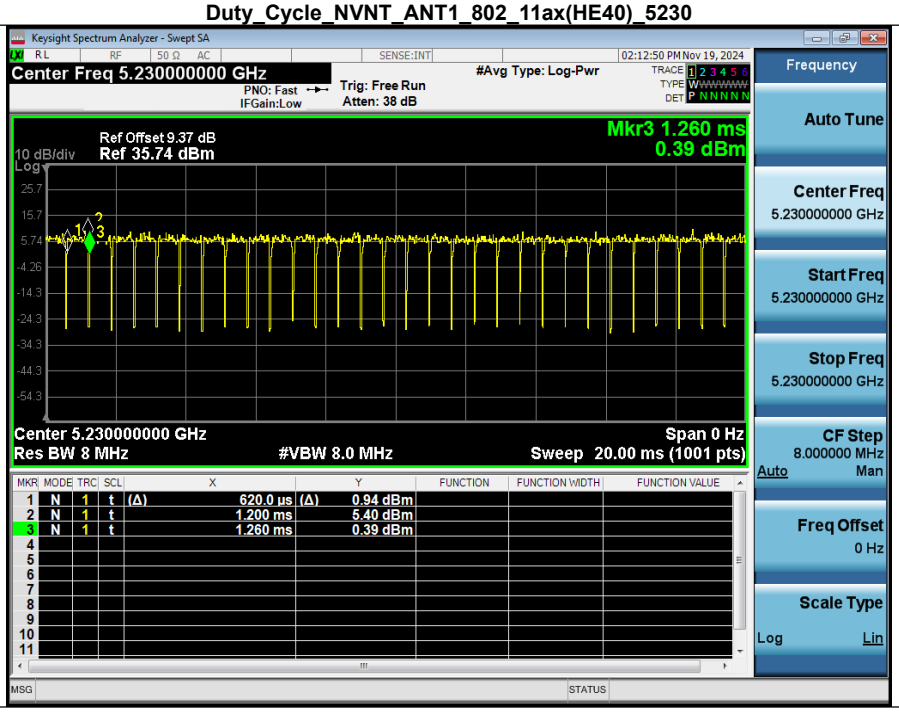
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5230



Duty_Cycle_NVNT_ANT1_802_11ax(HE40)_5190



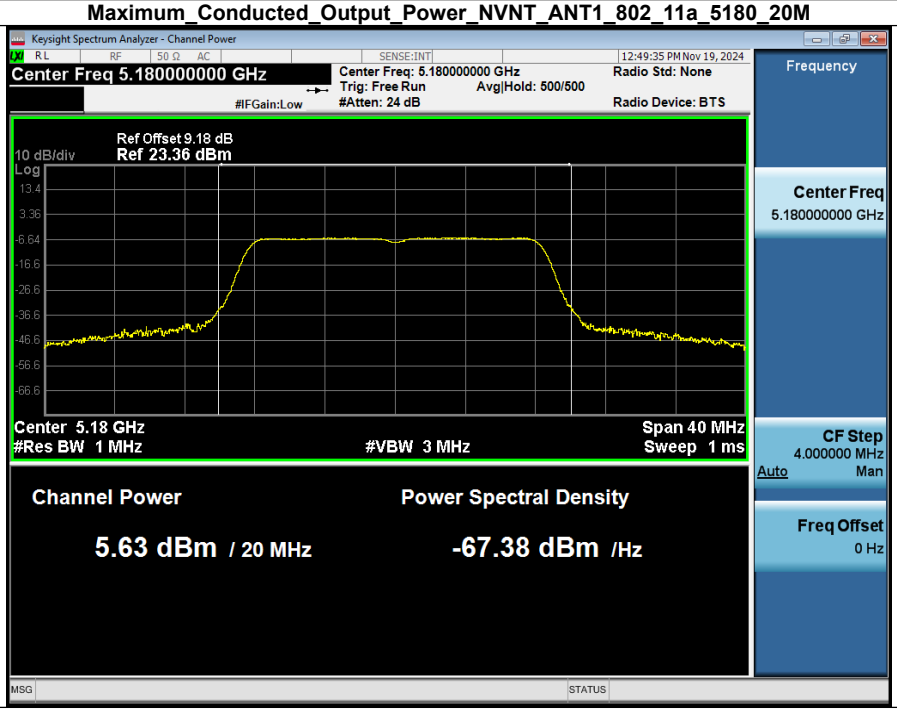
Duty_Cycle_NVNT_ANT1_802_11ax(HE40)_5230



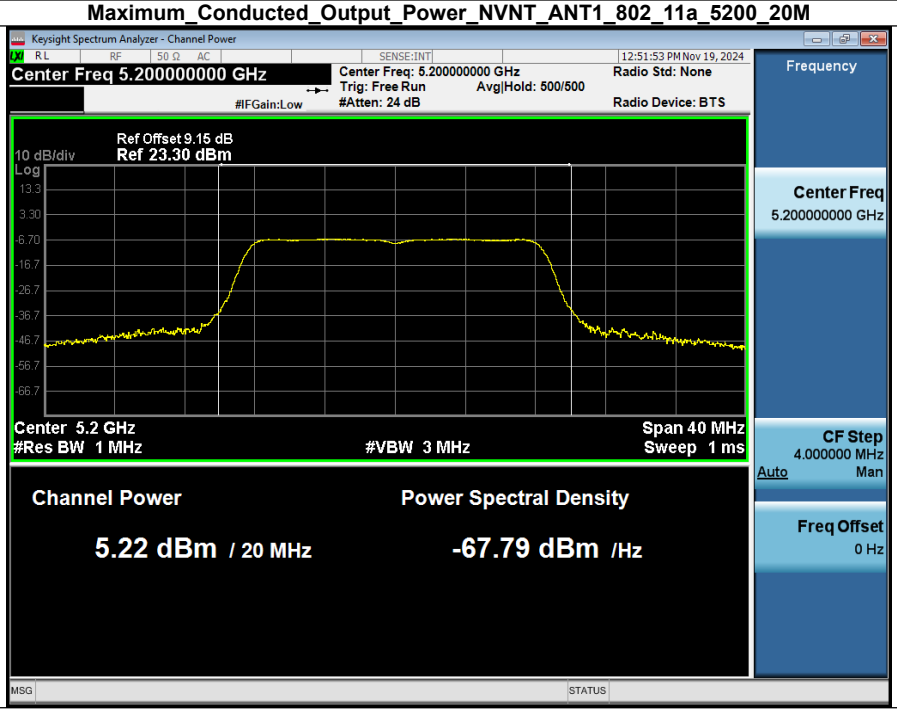
3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5.63	0.12	5.75	24	Pass
NVNT	ANT1	802.11a	5200.00	5.22	0.12	5.34	24	Pass
NVNT	ANT1	802.11a	5240.00	4.59	0.12	4.71	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5.96	0.22	6.18	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	5.52	0.22	5.74	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	6.92	0.22	7.14	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5.80	0.21	6.01	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	5.49	0.22	5.71	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	6.16	0.22	6.38	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	7.14	0.14	7.28	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	6.82	0.22	7.04	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	6.16	0.14	6.30	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	6.51	0.43	6.94	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	6.00	0.43	6.43	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	6.46	0.43	6.89	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5.77	0.41	6.18	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	6.43	0.43	6.86	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	5.84	0.43	6.27	24	Pass

Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5180_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5200_20M



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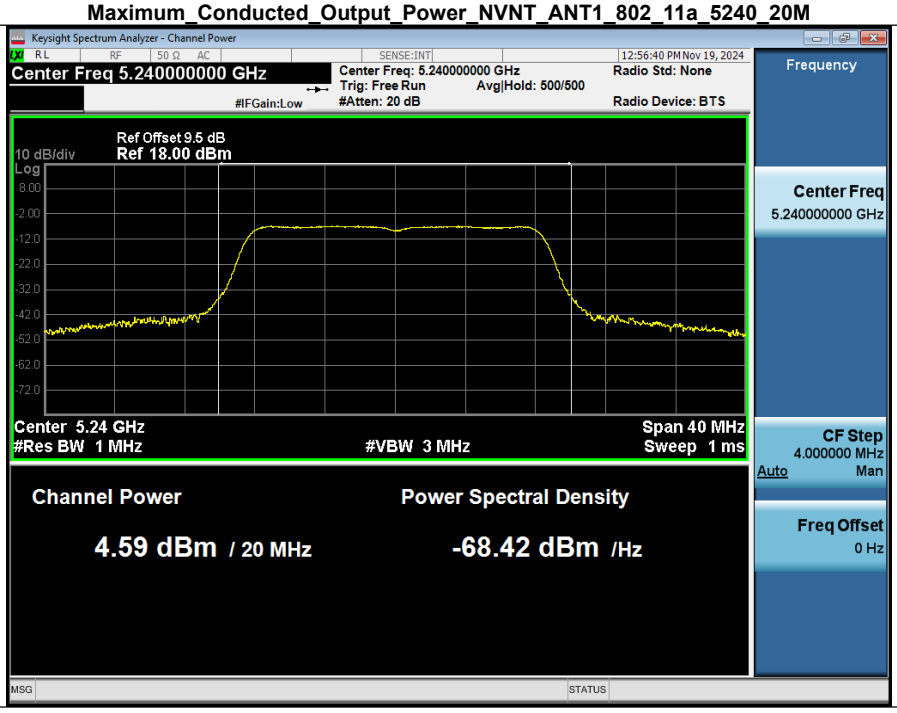
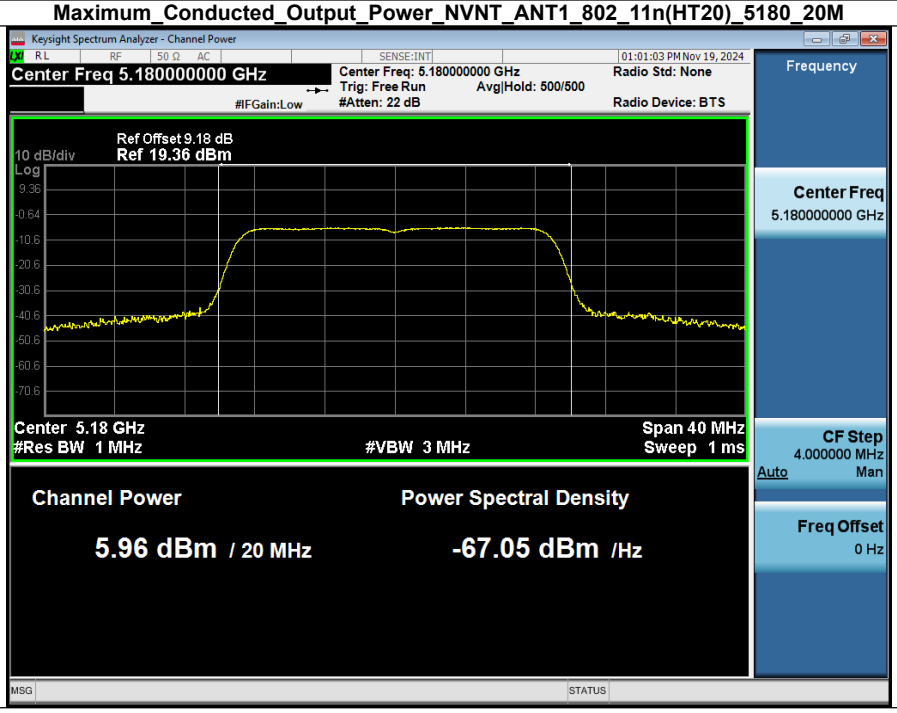


Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5180_20M



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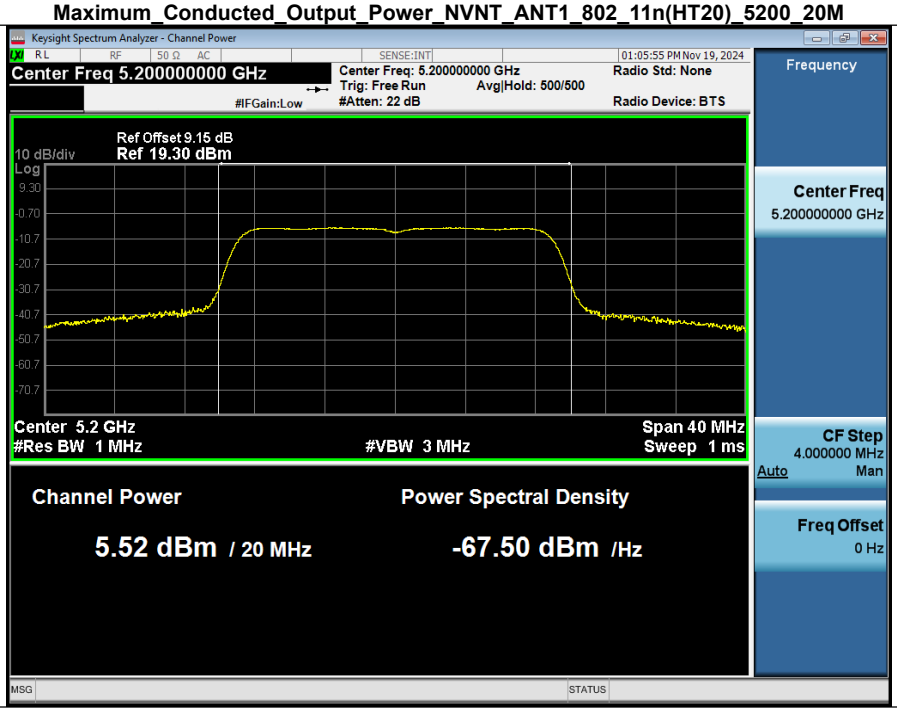
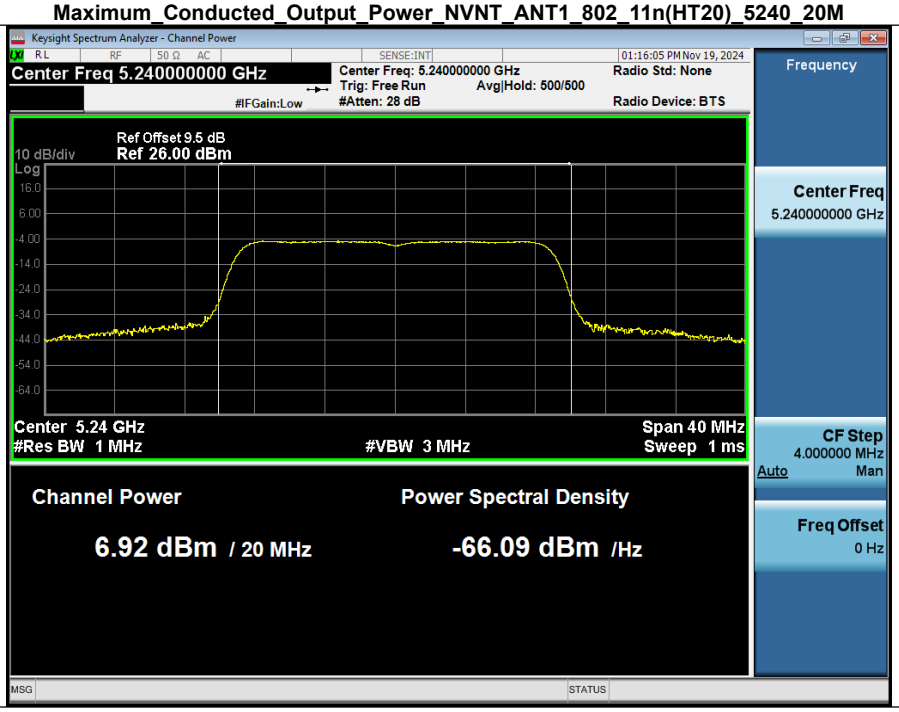
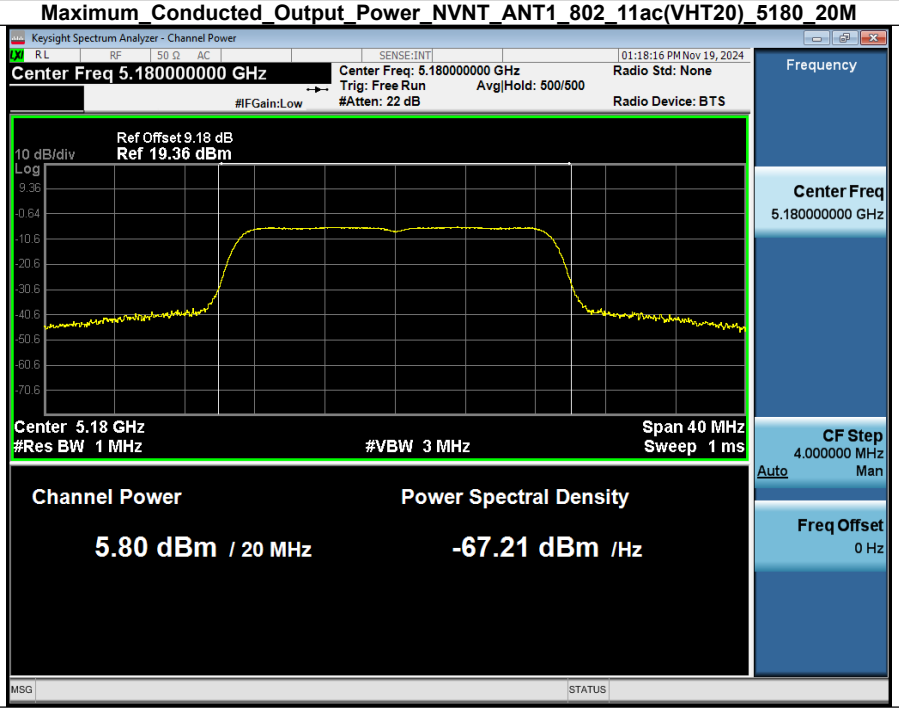


Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5240_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5180_20M



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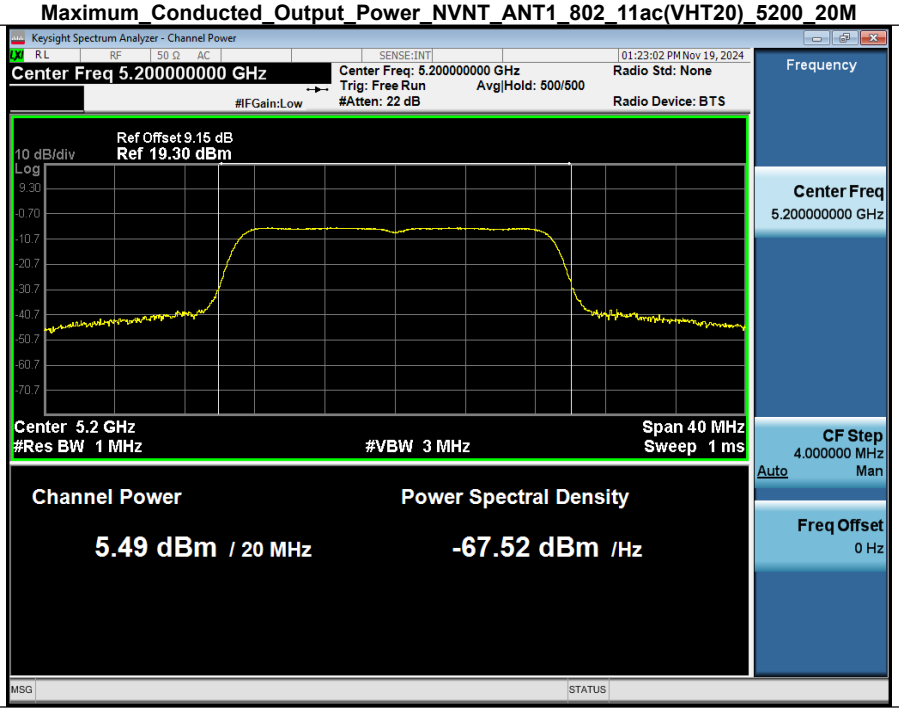
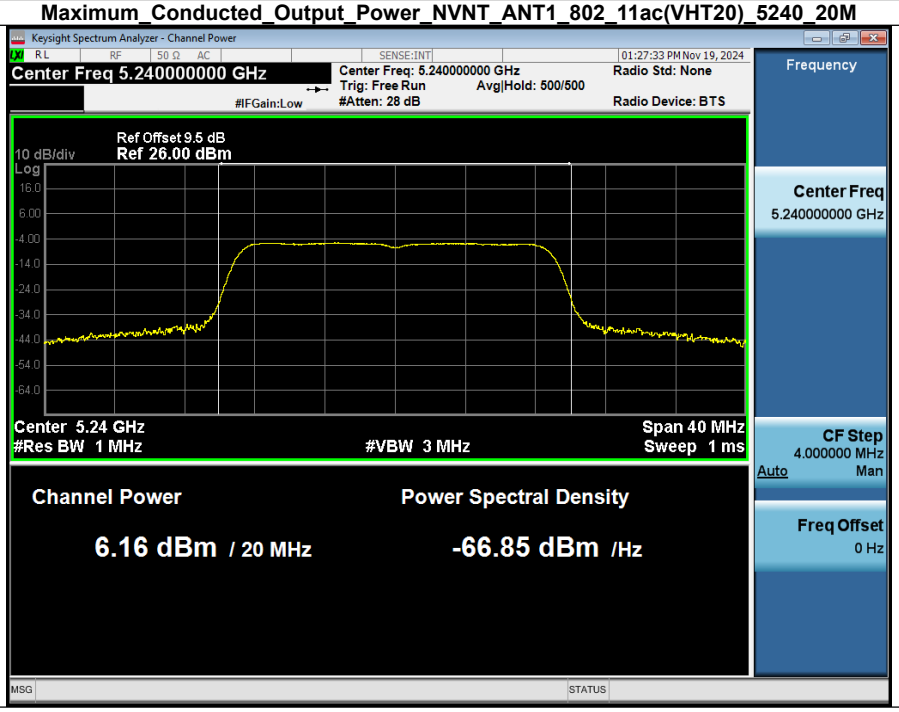
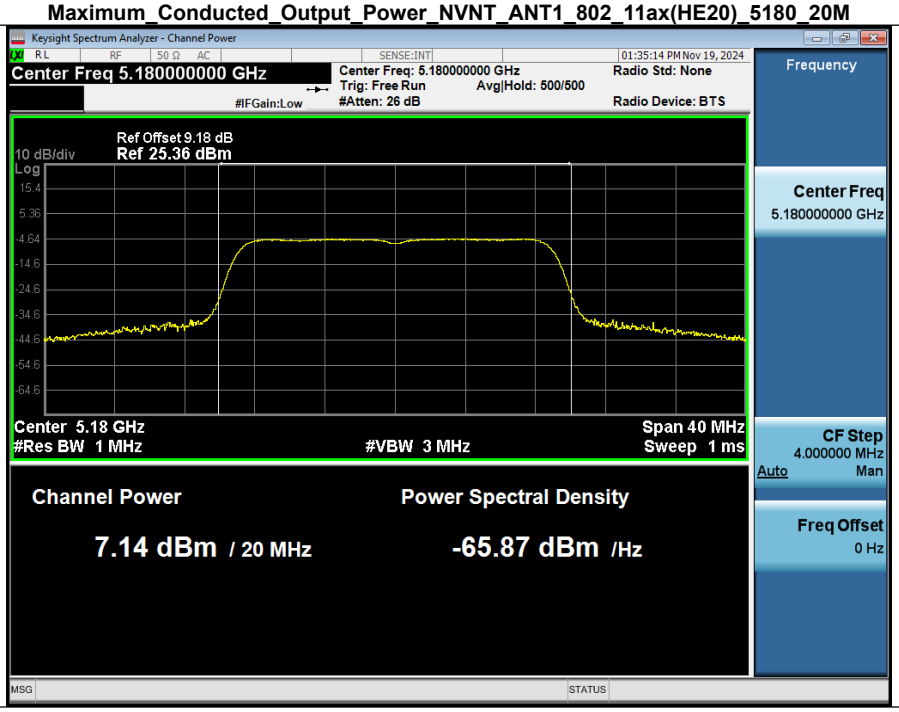


Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5240_20M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ax(HE20)_5180_20M



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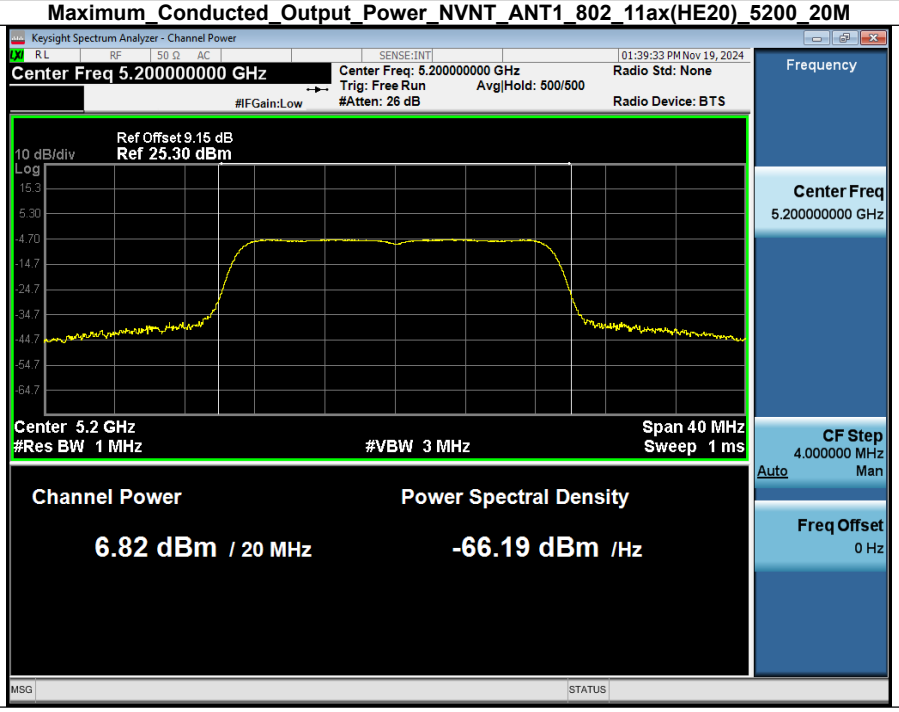

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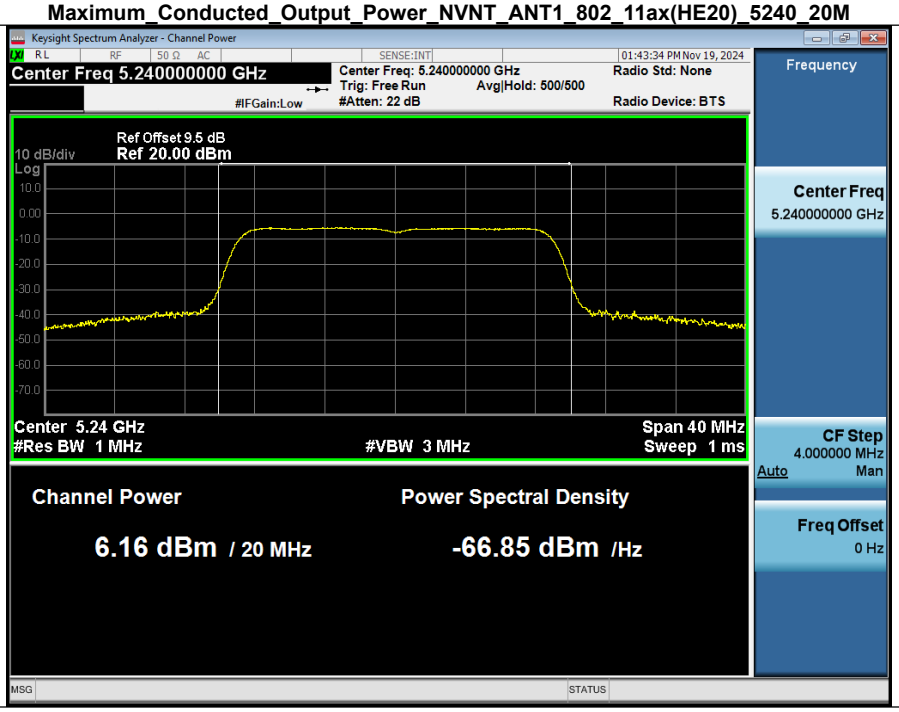
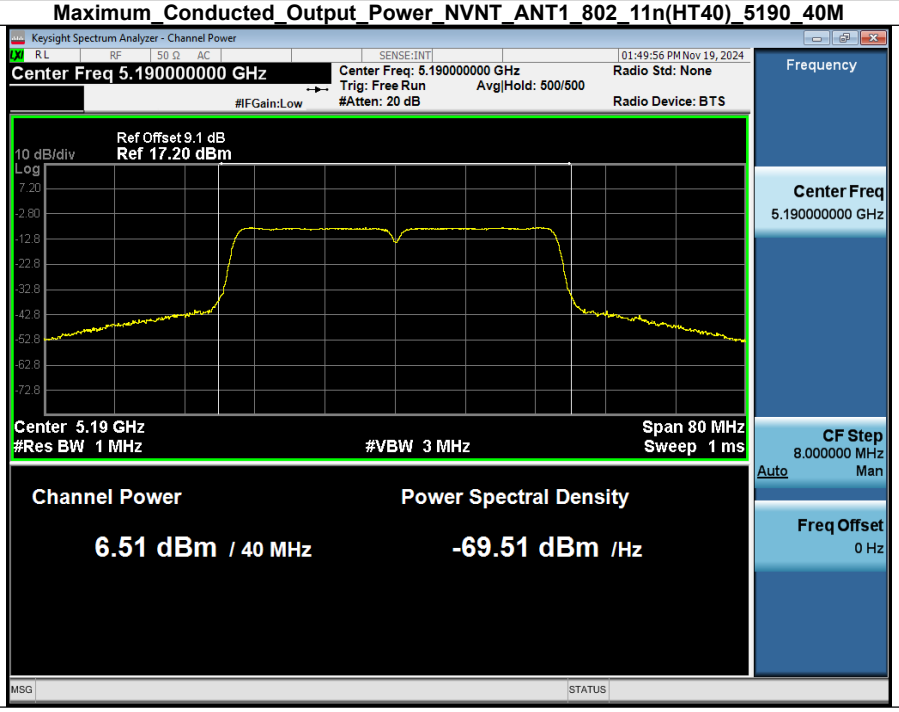


Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5190_40M



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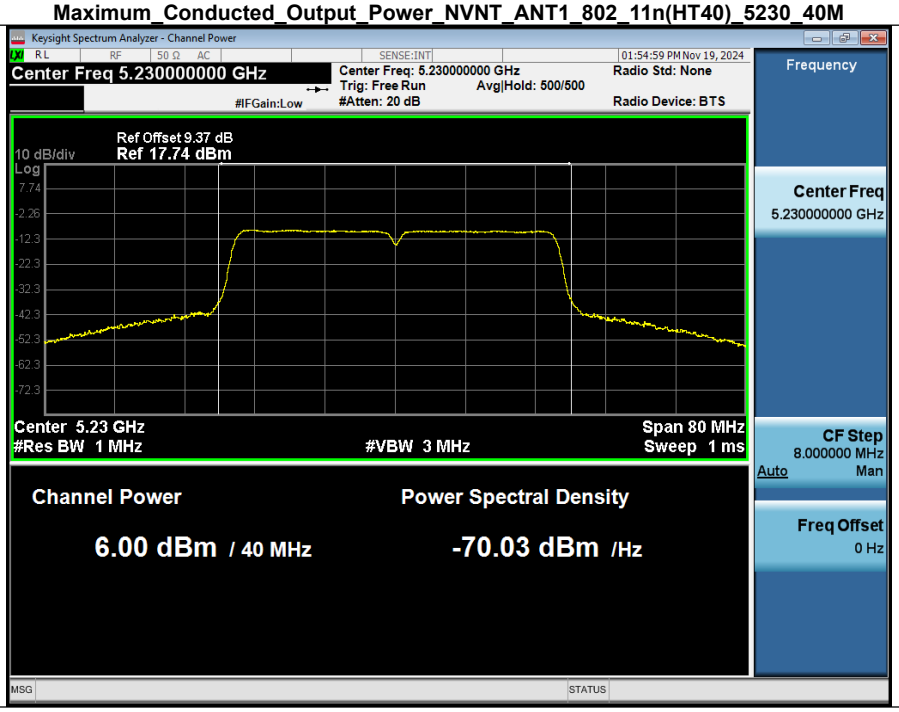
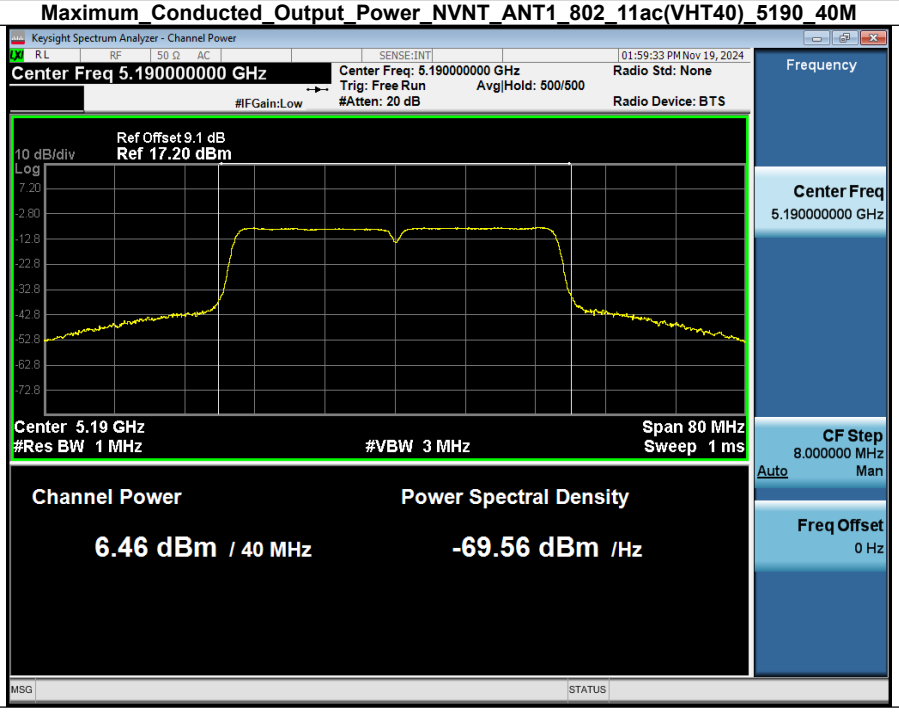
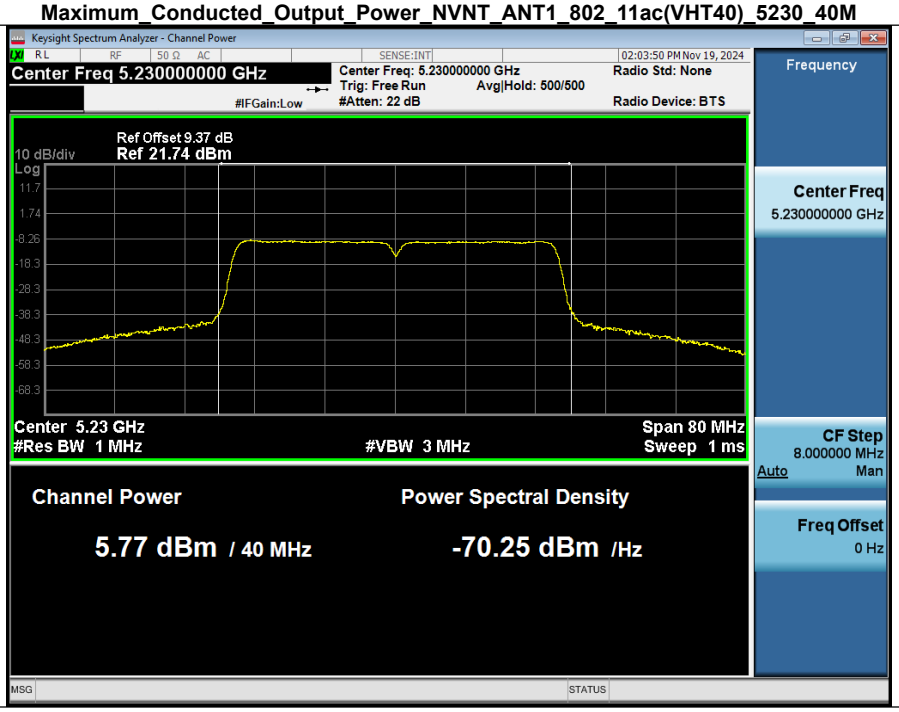


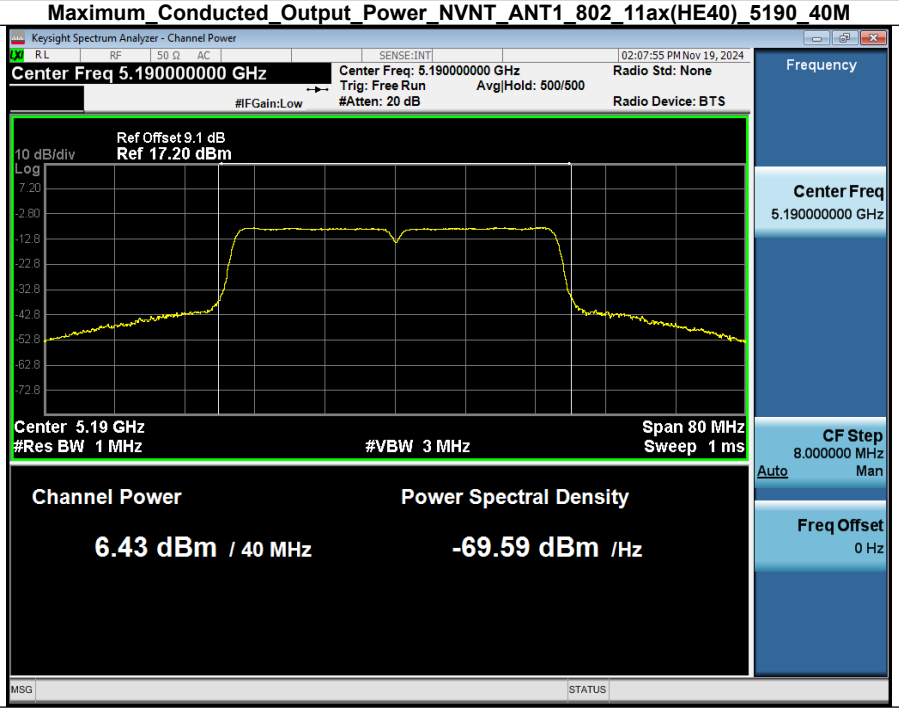
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5190_40M



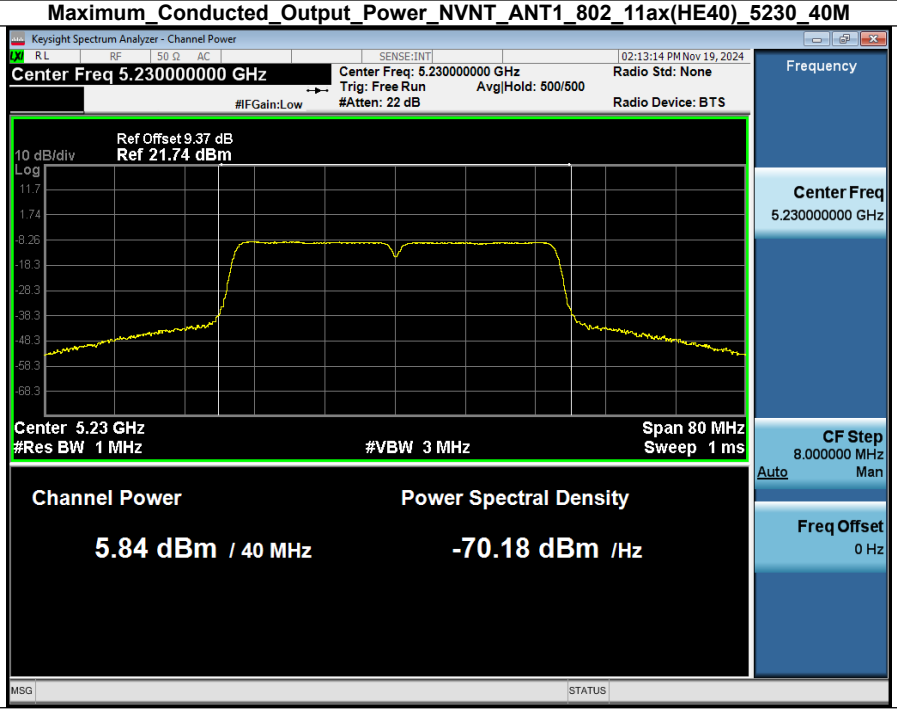
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5230_40M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ax(HE40)_5190_40M



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ax(HE40)_5230_40M

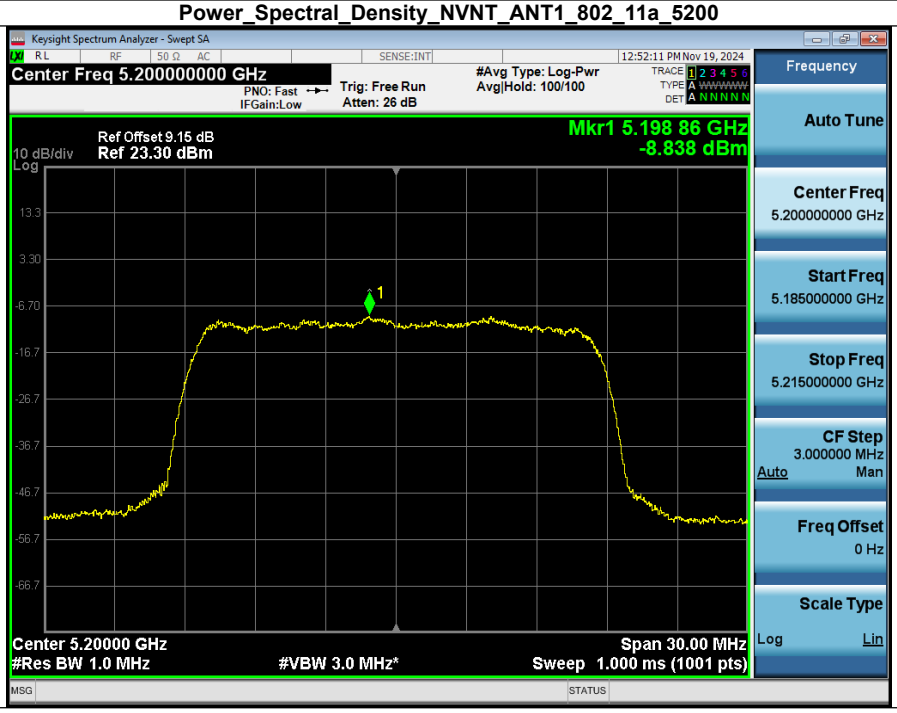


4. Power Spectral Density

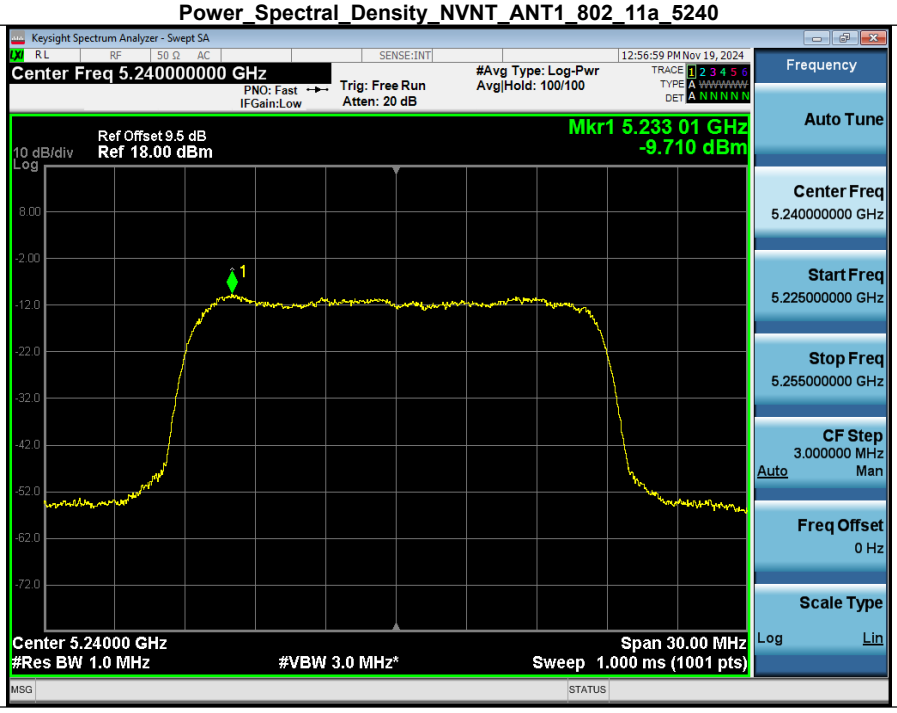
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-13.12	0.12	-13.00	11	Pass
NVNT	ANT1	802.11a	5200.00	-8.84	0.12	-8.72	11	Pass
NVNT	ANT1	802.11a	5240.00	-9.71	0.12	-9.59	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-9.05	0.22	-8.83	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-8.75	0.22	-8.53	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-9.94	0.22	-9.72	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-8.84	0.21	-8.63	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-9.55	0.22	-9.33	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-8.78	0.22	-8.56	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-8.05	0.14	-7.91	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-7.85	0.22	-7.63	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-8.32	0.14	-8.18	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-12.85	0.43	-12.42	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-12.63	0.43	-12.20	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-12.00	0.43	-11.57	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-13.51	0.41	-13.10	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-12.24	0.43	-11.81	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-12.65	0.43	-12.22	11	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5180

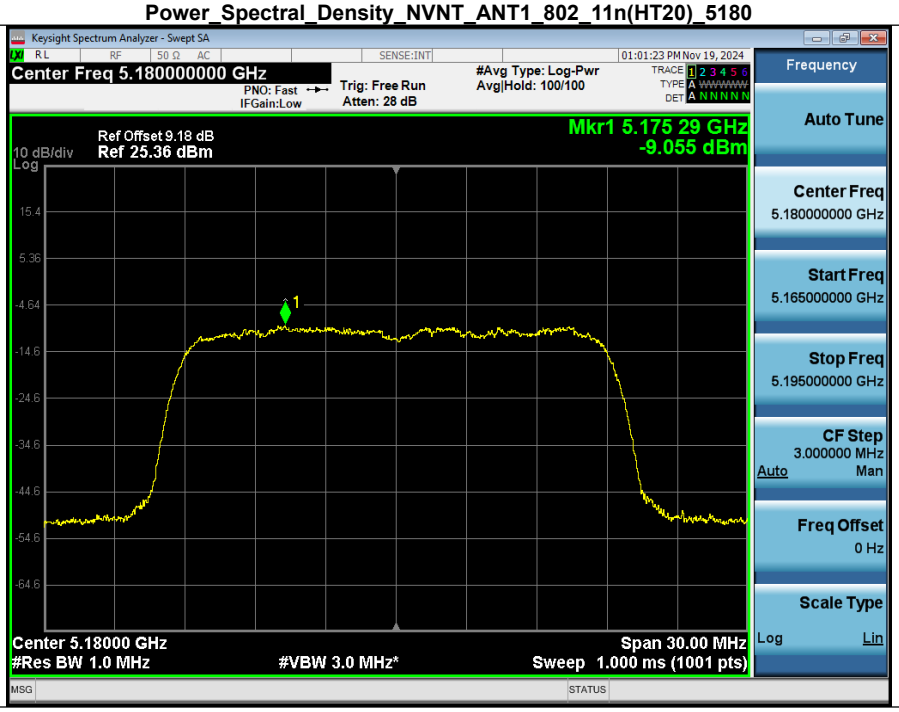
Power_Spectral_Density_NVNT_ANT1_802_11a_5200



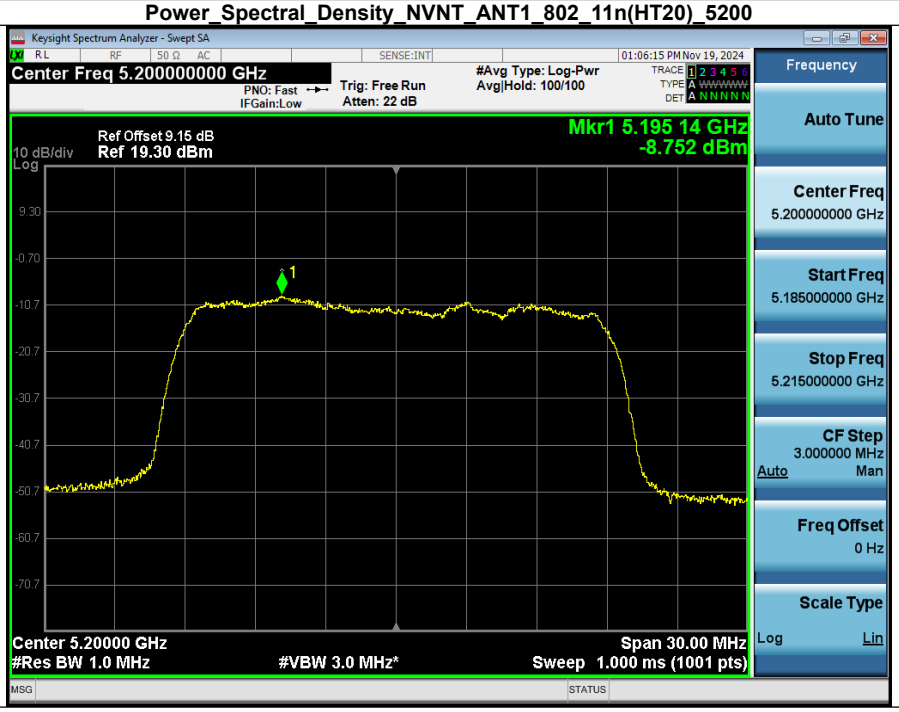
Power_Spectral_Density_NVNT_ANT1_802_11a_5240



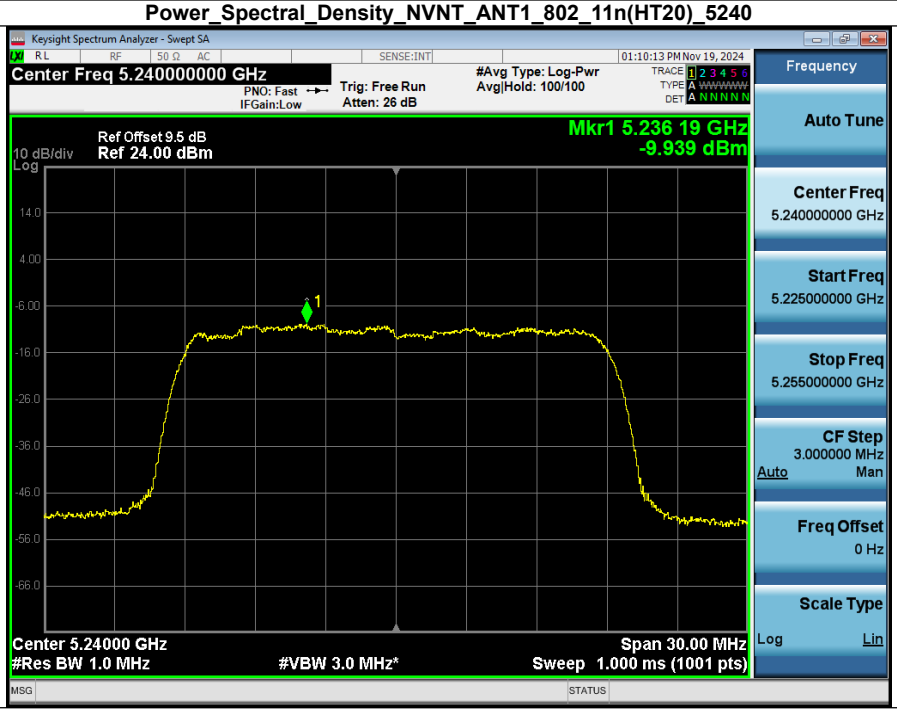
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5180



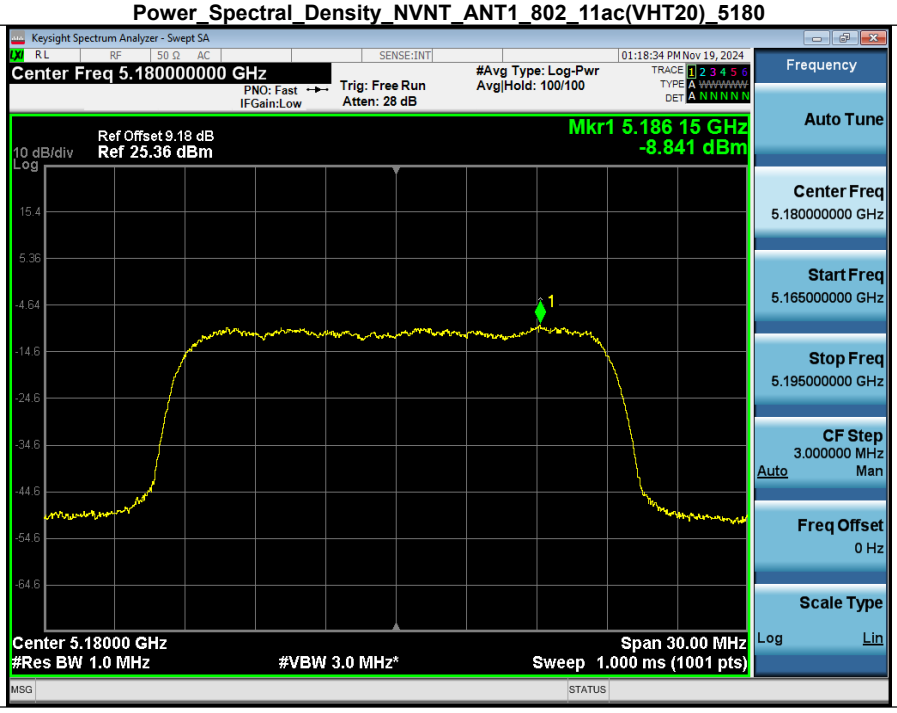
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5200



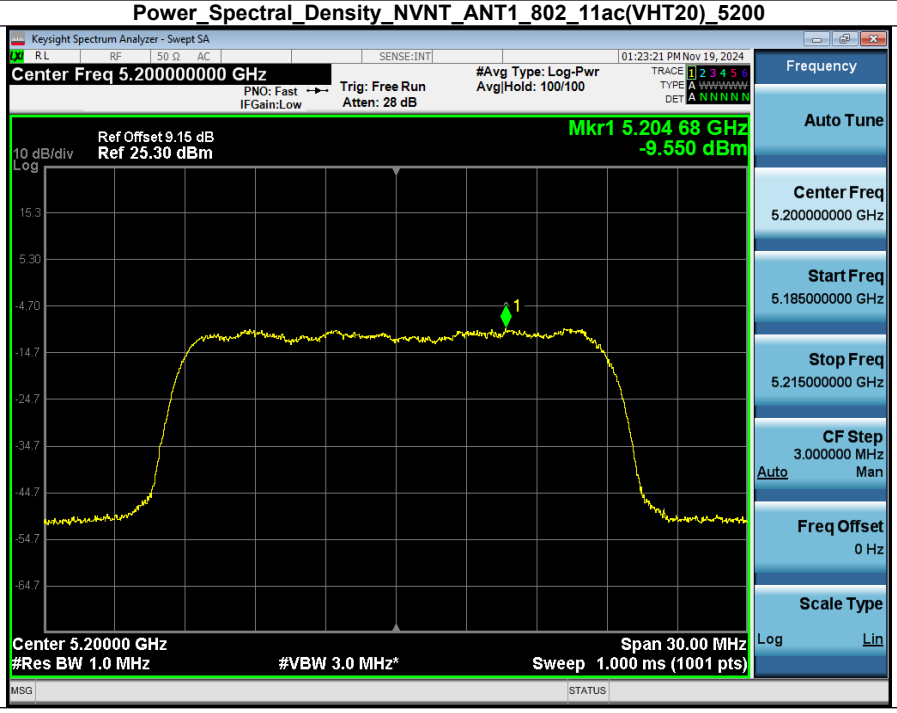
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5240



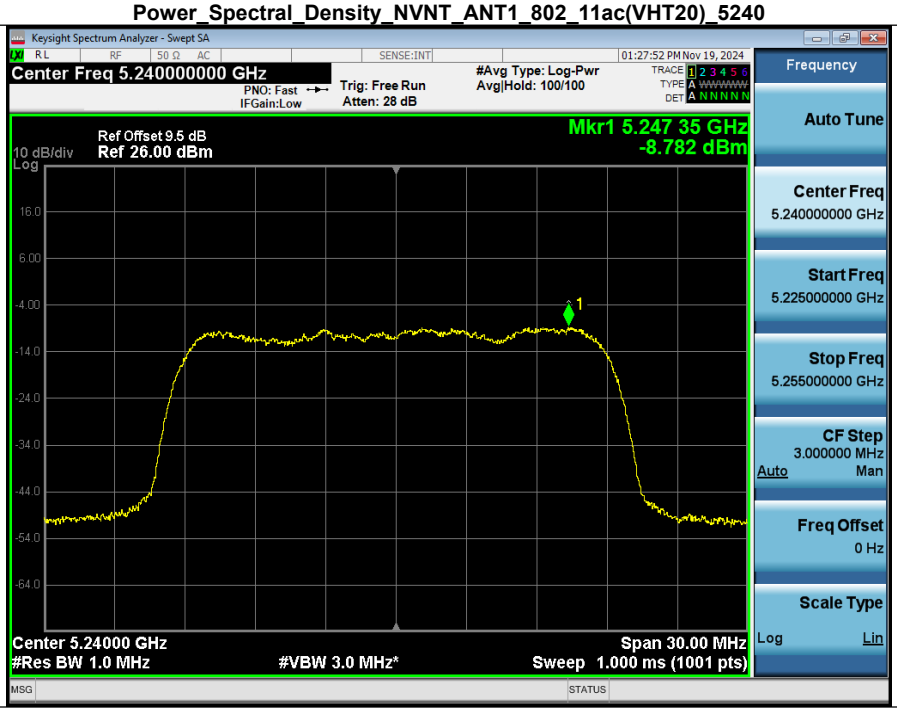
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5180



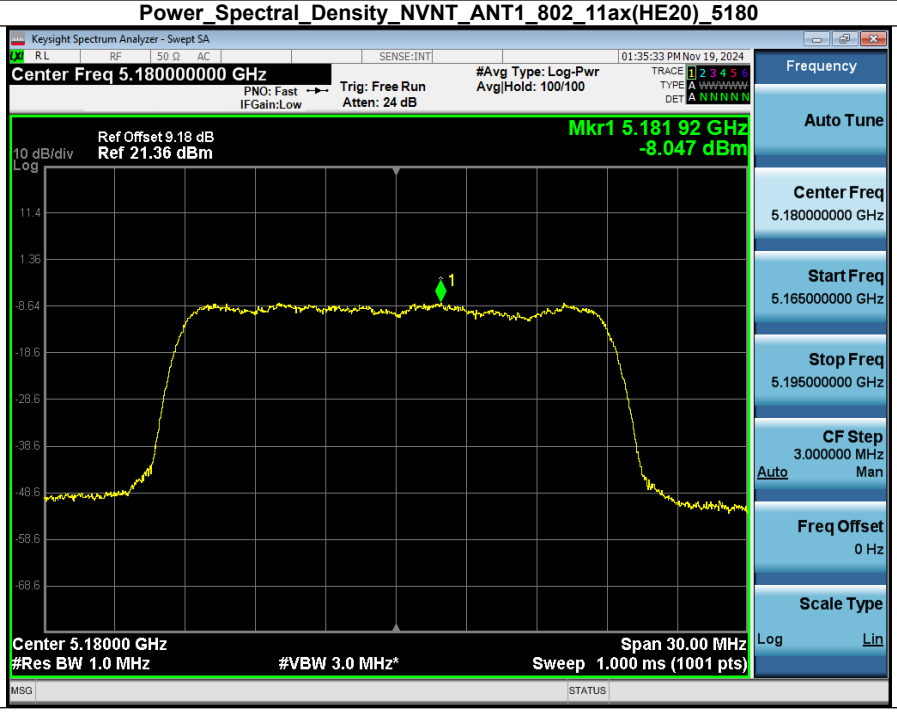
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5200



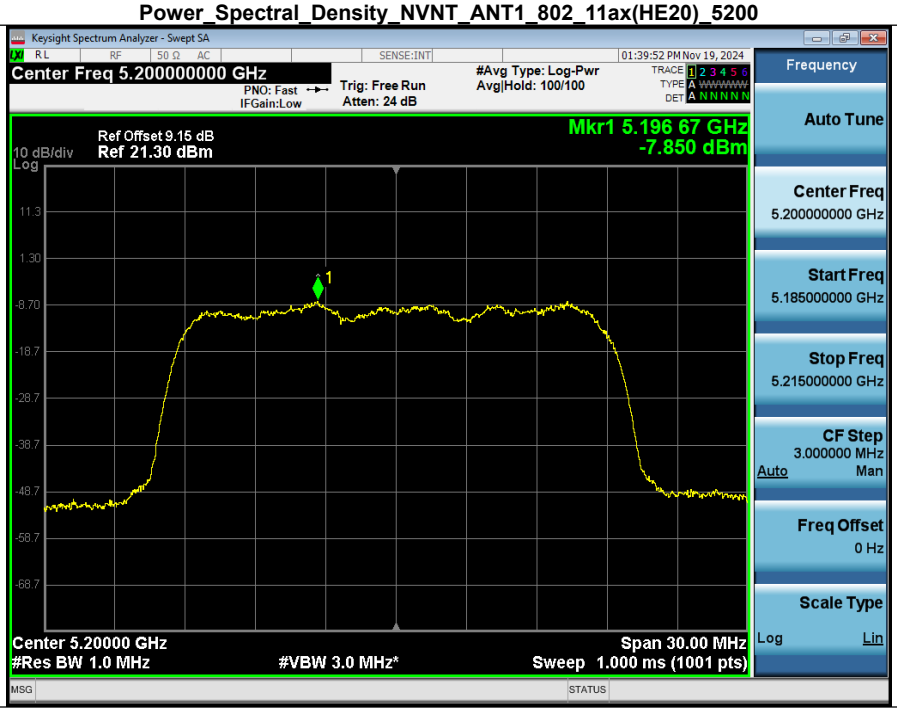
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5240



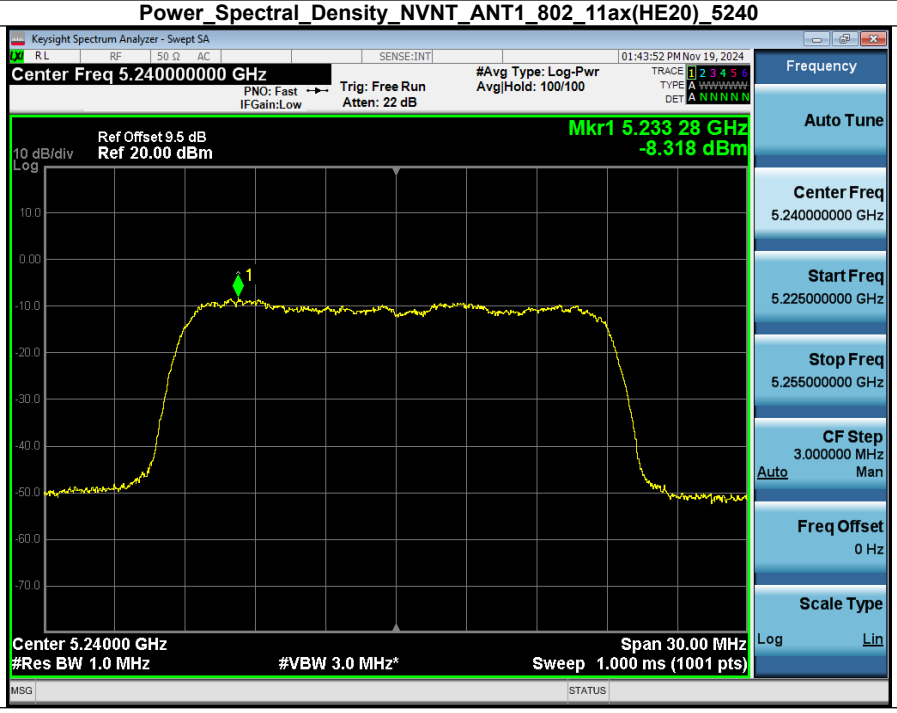
Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5180



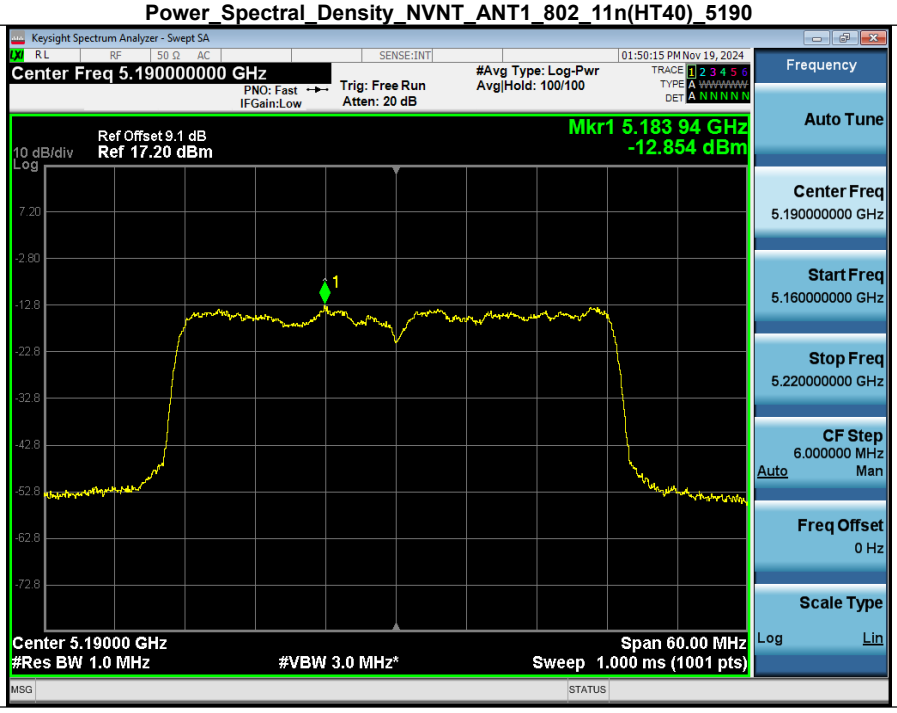
Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5200



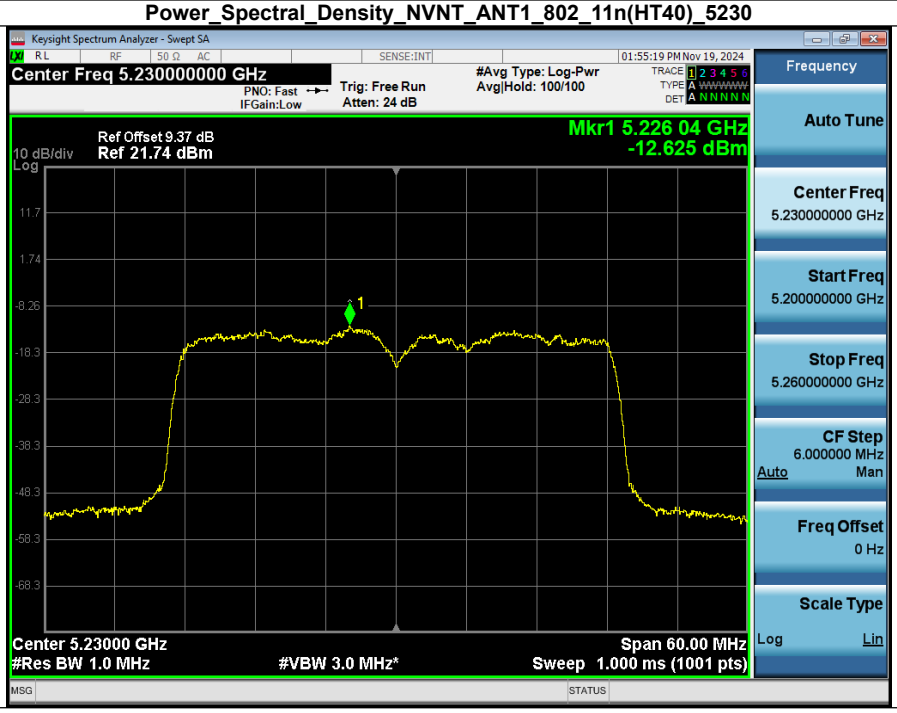
Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5240



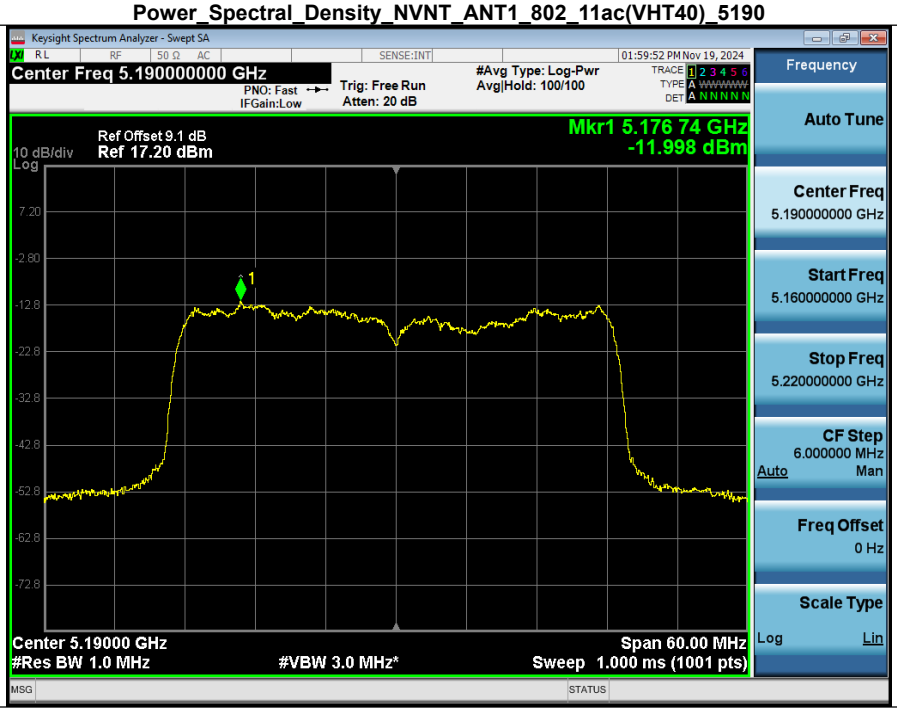
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5190



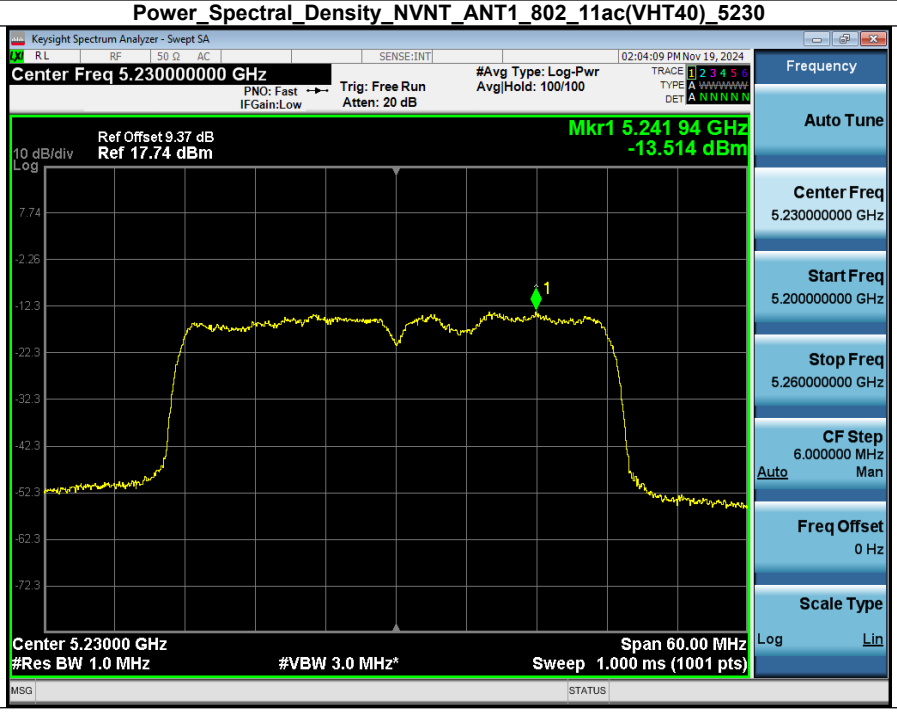
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5230



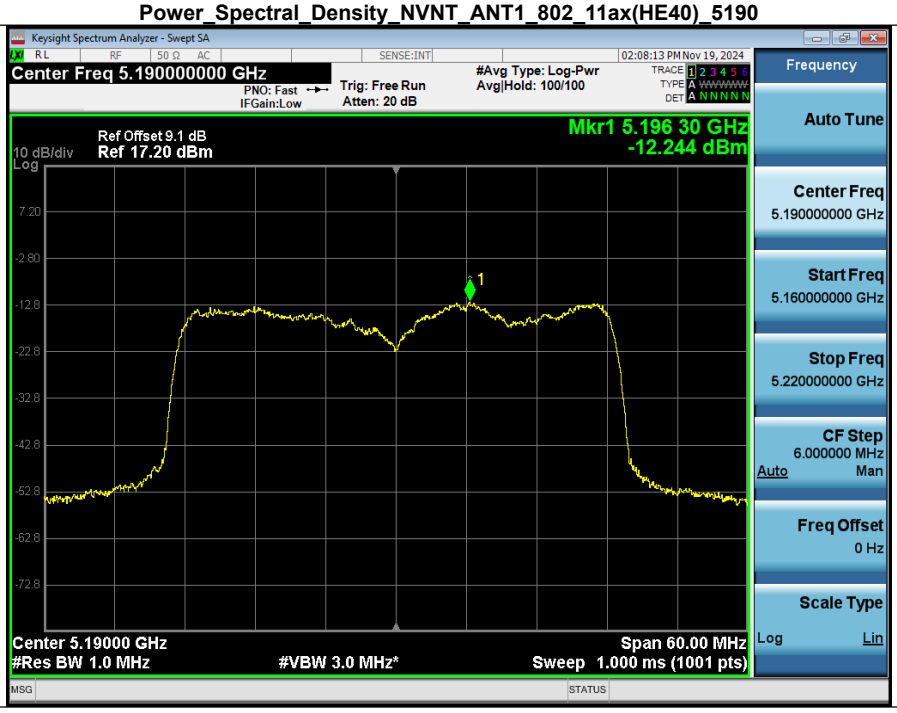
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5190



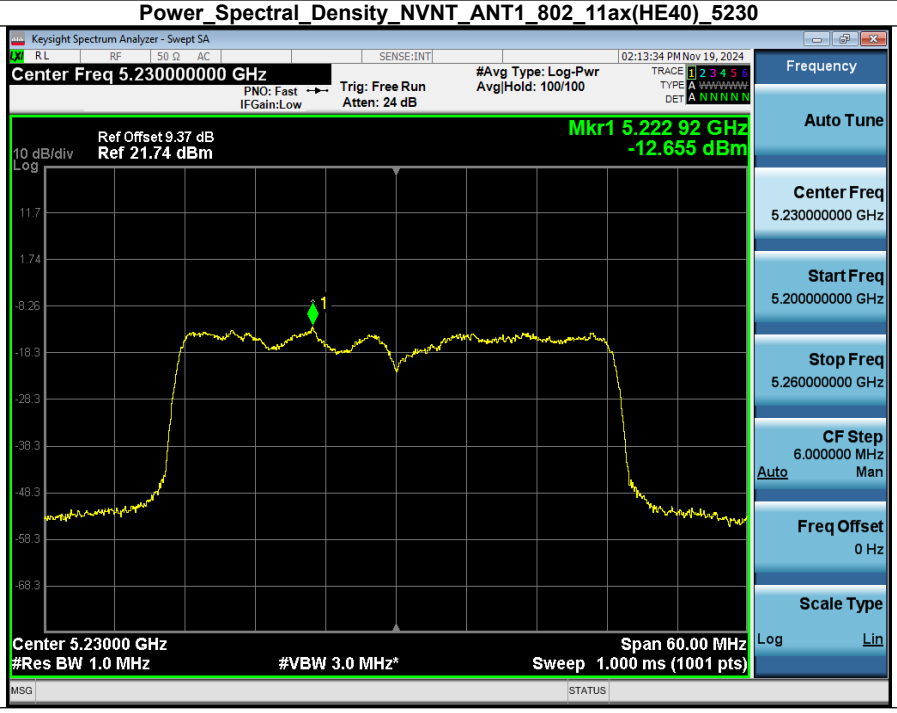
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5230



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5190



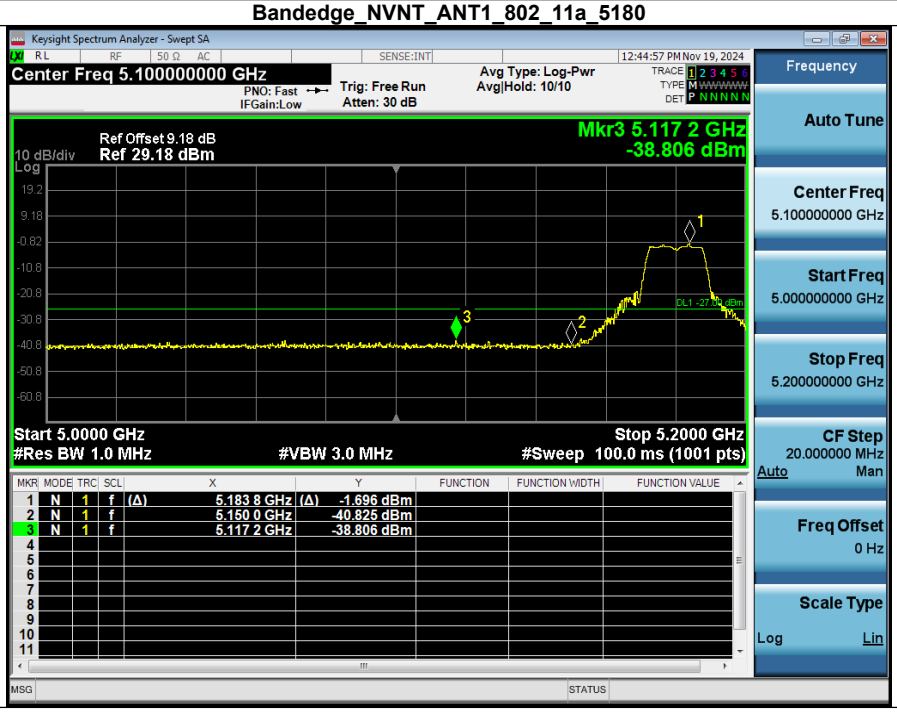
Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5230



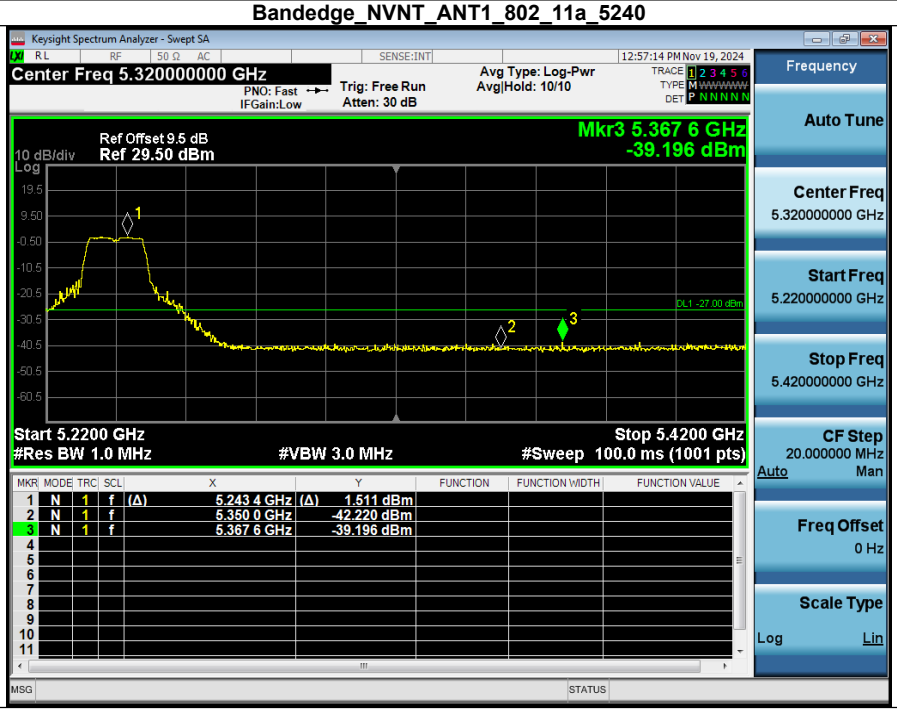
5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5117.20	-38.81	-27	Pass
NVNT	ANT1	802.11a	5240.00	5367.60	-39.20	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5148.00	-33.86	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5373.20	-40.08	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5148.20	-33.93	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5401.40	-39.63	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	5149.80	-37.09	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	5418.60	-39.17	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5149.94	-30.93	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5377.79	-40.12	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5149.52	-31.33	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5368.97	-39.29	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	5149.73	-30.34	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	5418.11	-39.37	-27	Pass
Note:The test diagram has integrated antenna gain to Offset Settings.							

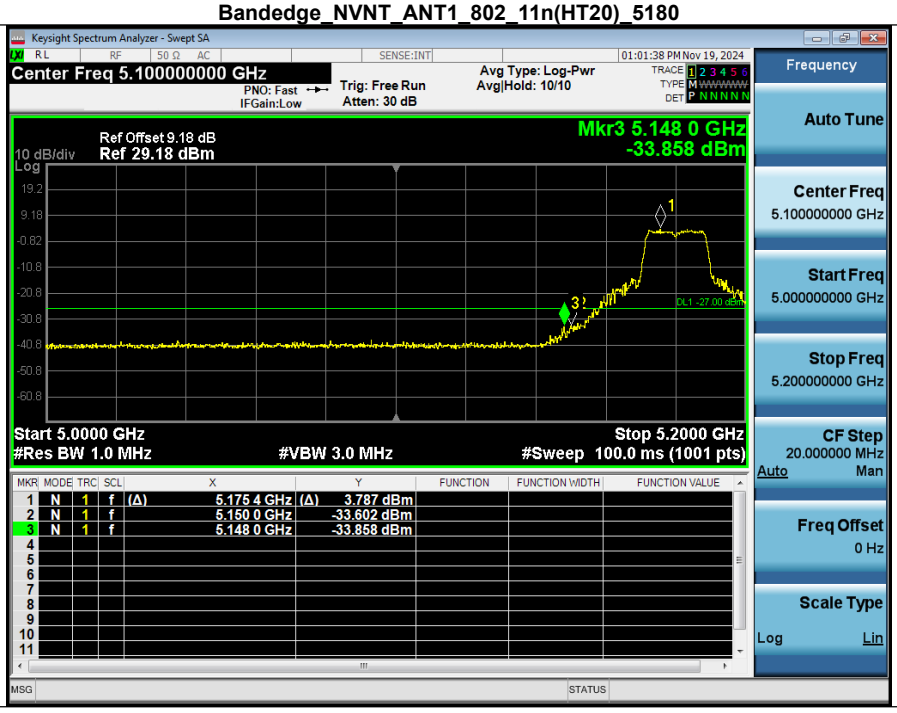
Bandedge_NVNT_ANT1_802_11a_5180



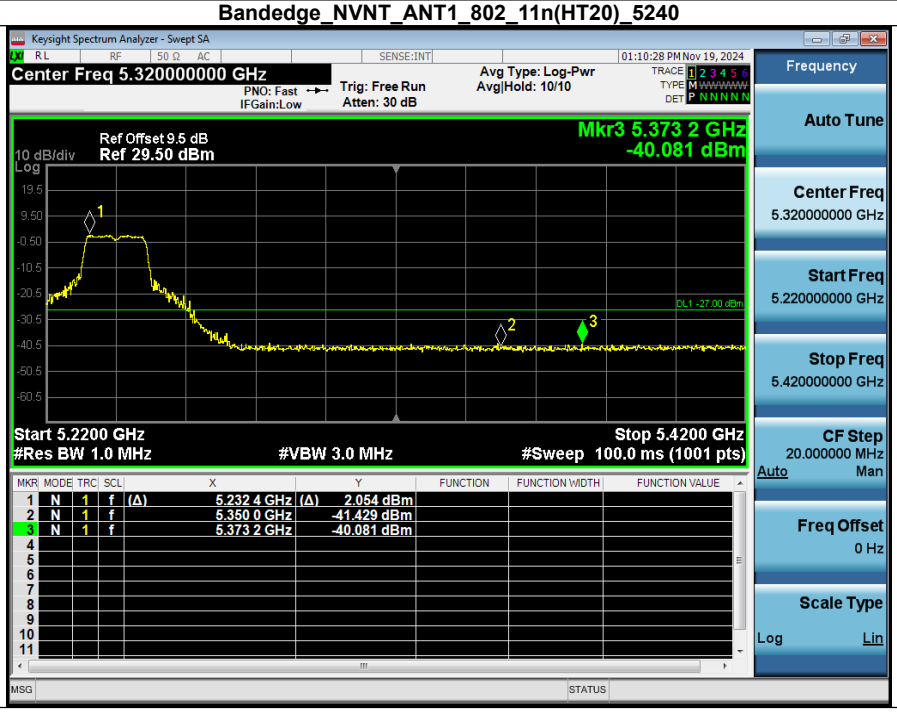
Bandedge_NVNT_ANT1_802_11a_5240



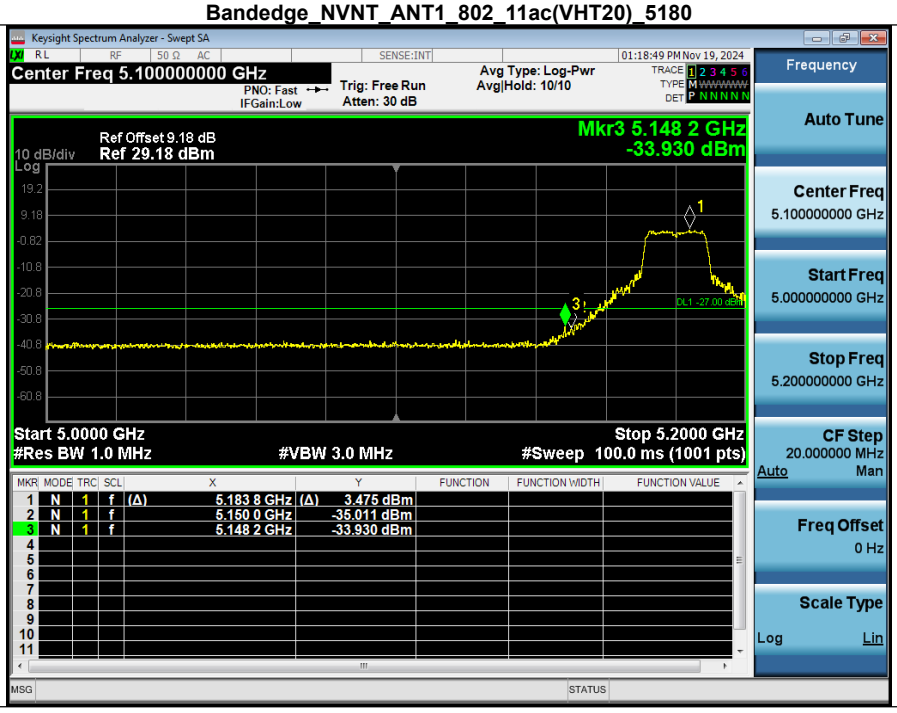
Bandedge_NVNT_ANT1_802_11n(HT20)_5180



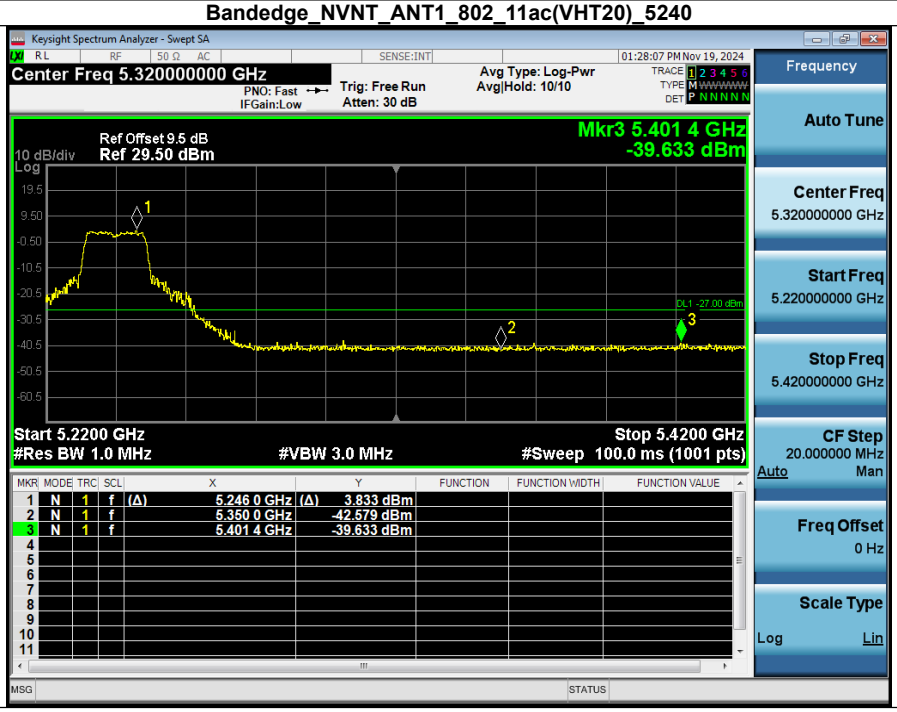
Bandedge_NVNT_ANT1_802_11n(HT20)_5240



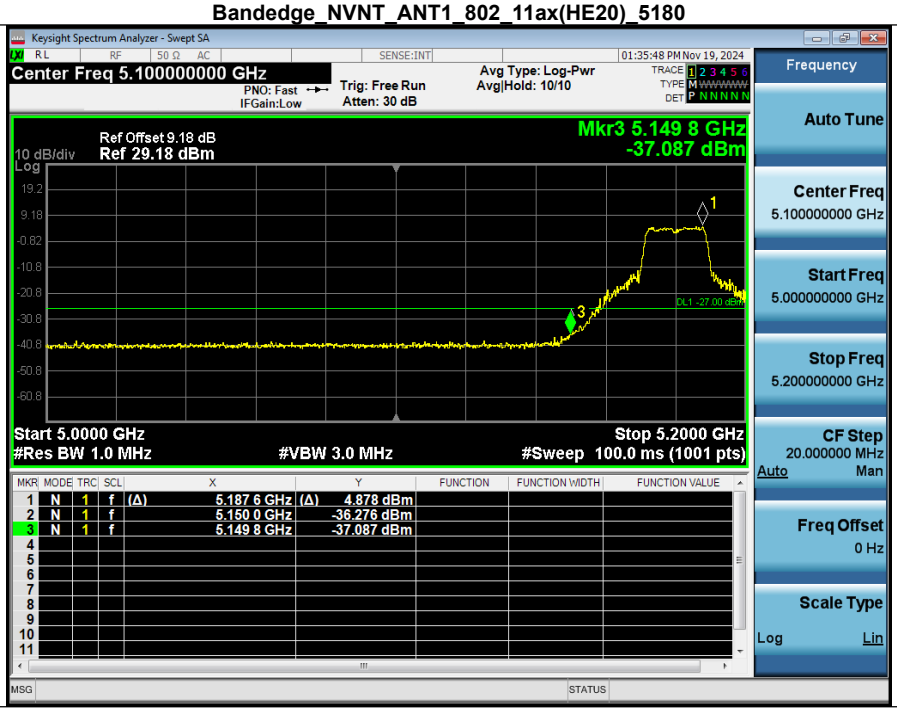
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5180



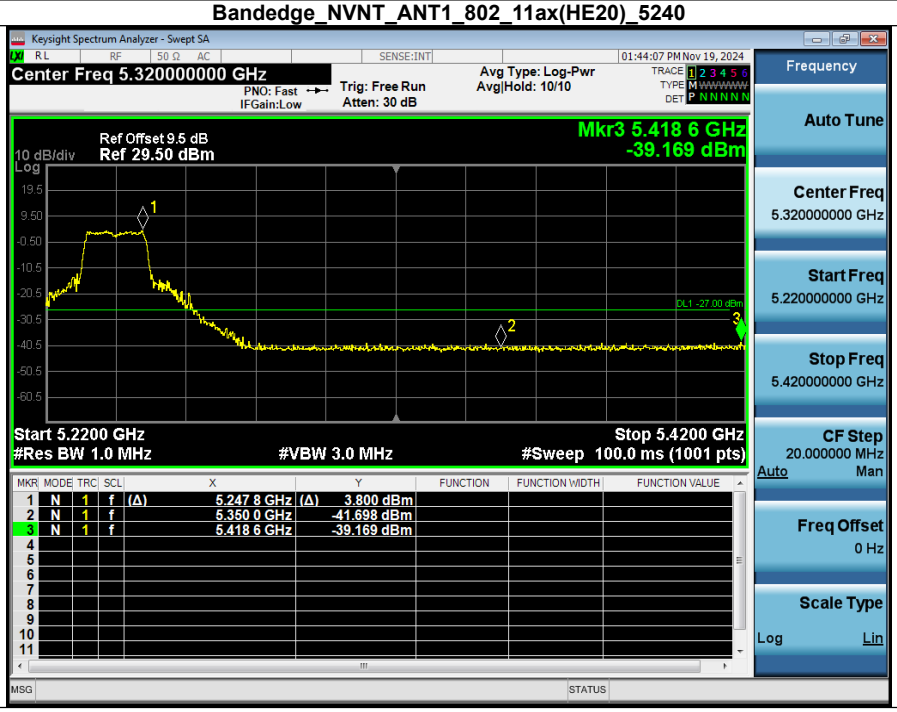
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5240



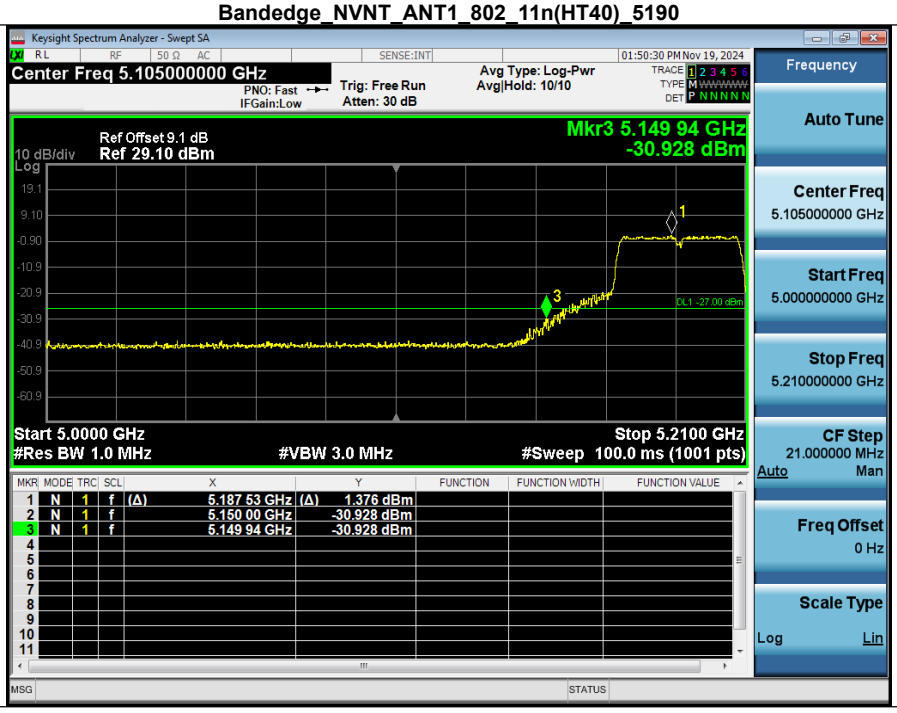
Bandedge_NVNT_ANT1_802_11ax(HE20)_5180



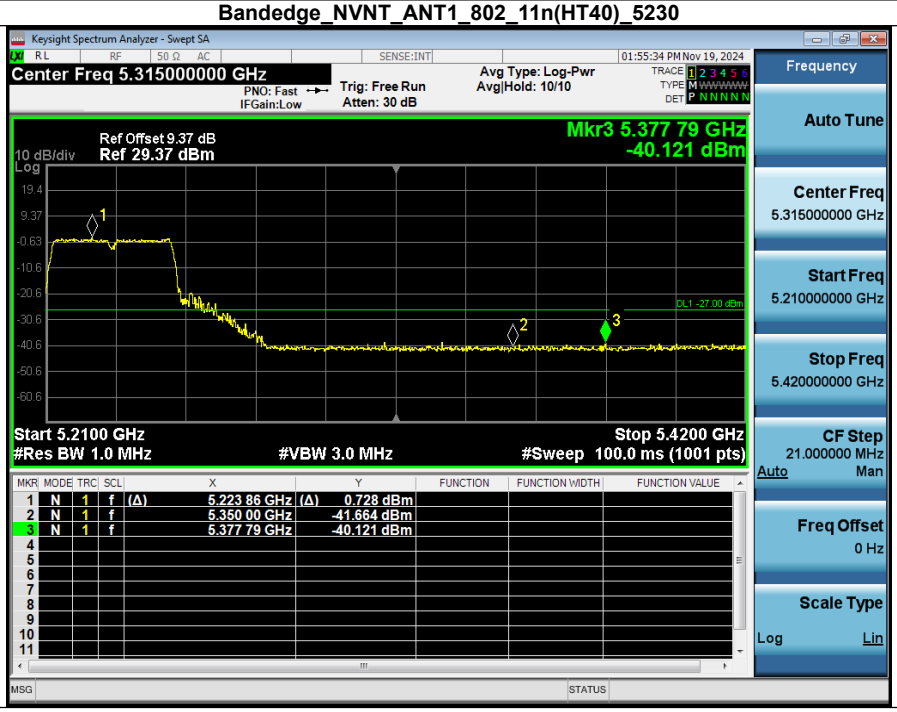
Bandedge_NVNT_ANT1_802_11ax(HE20)_5240



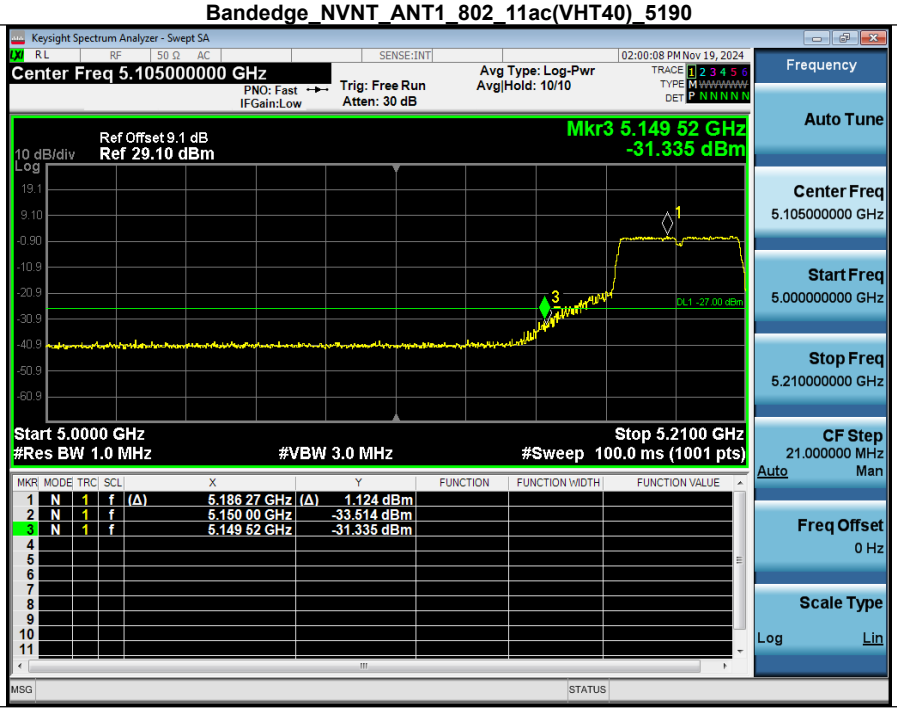
Bandedge_NVNT_ANT1_802_11n(HT40)_5190



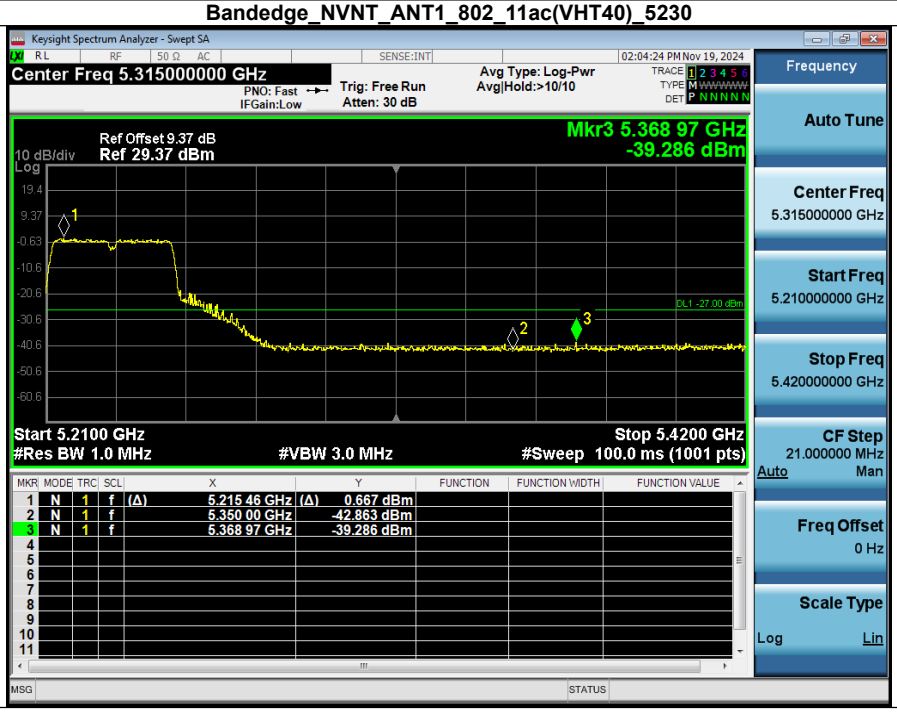
Bandedge_NVNT_ANT1_802_11n(HT40)_5230



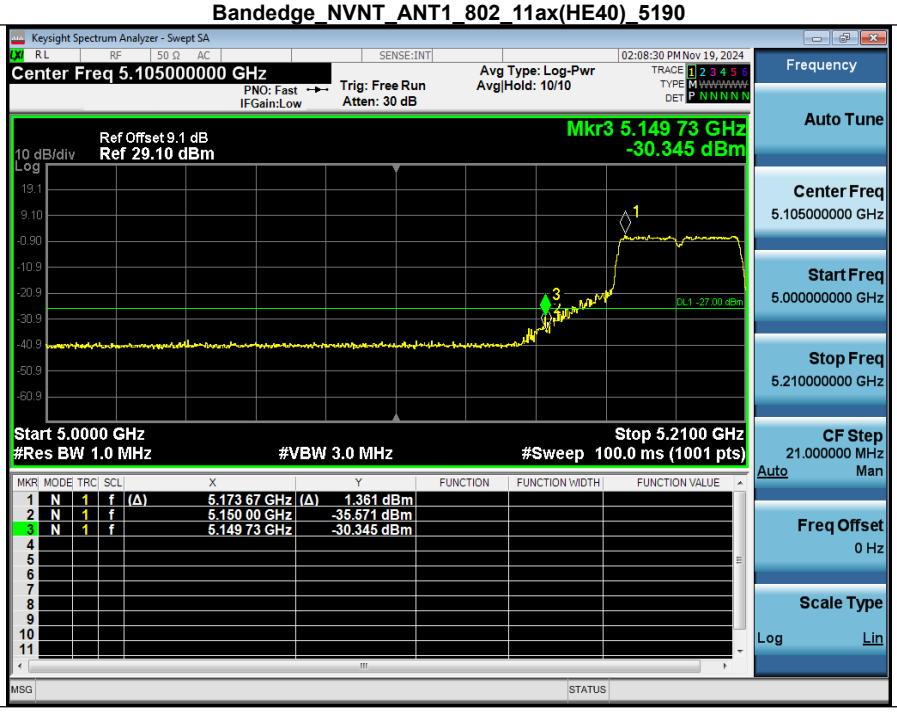
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190



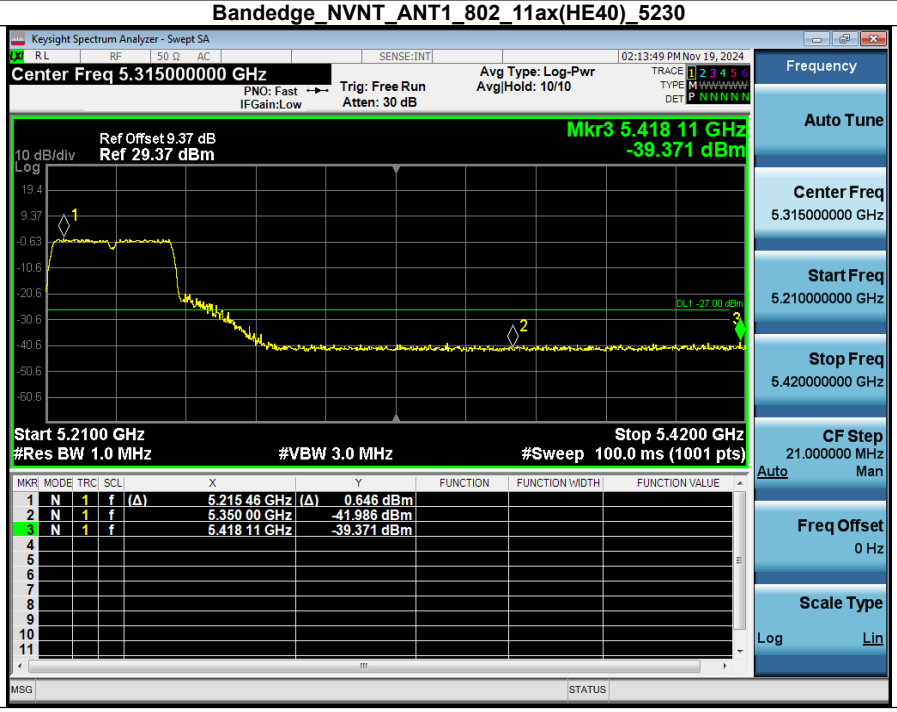
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5230



Bandedge_NVNT_ANT1_802_11ax(HE40)_5190



Bandedge_NVNT_ANT1_802_11ax(HE40)_5230

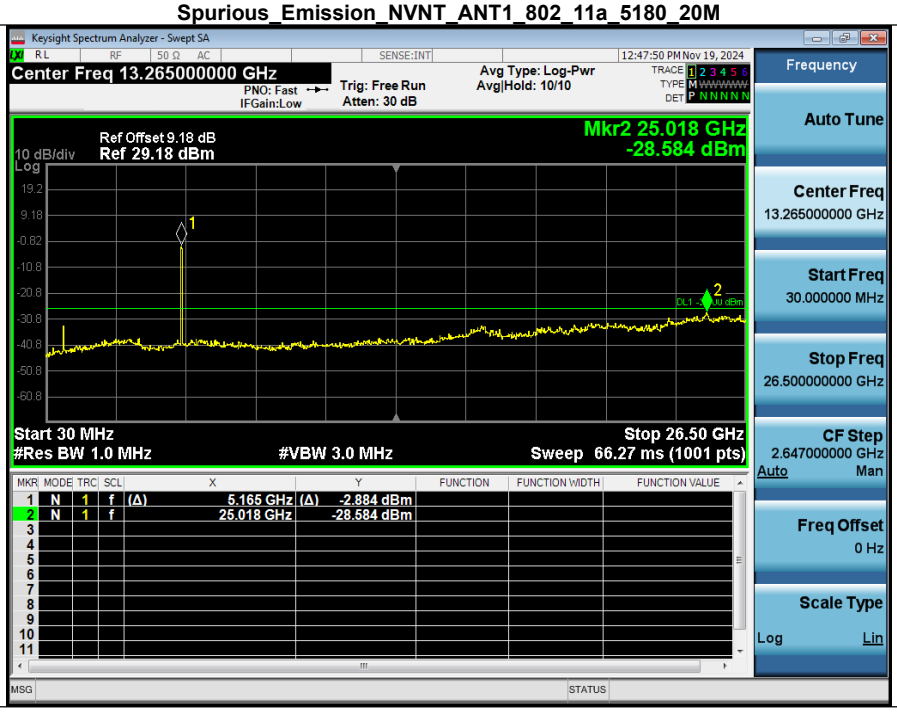


6. Spurious Emission

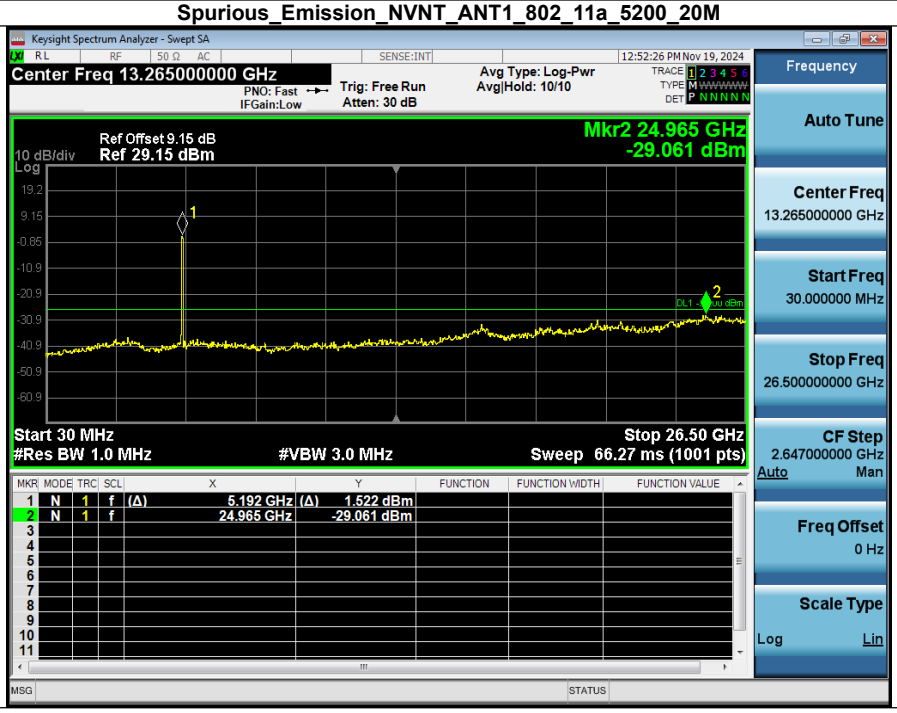
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	25017.68	-28.58	-27	Pass
NVNT	ANT1	802.11a	5200.00	24964.74	-29.06	-27	Pass
NVNT	ANT1	802.11a	5240.00	24964.74	-27.14	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	25017.68	-29.20	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	2544.65	-27.65	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	24964.74	-27.73	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	25838.25	-29.12	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	25467.67	-28.66	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	25017.68	-28.03	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	24991.21	-28.50	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	25017.68	-29.34	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	25017.68	-28.49	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	25070.62	-28.27	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	25758.84	-28.85	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	24964.74	-29.17	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	24964.74	-28.69	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	25758.84	-29.41	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	25017.68	-28.62	-27	Pass

Note:1. The antenna gain is compensated in the test data.
2. 26.5GHz-40GHz the Spurious leve margin is the largest, so the test data only reflects 30MHz-26.5GHz

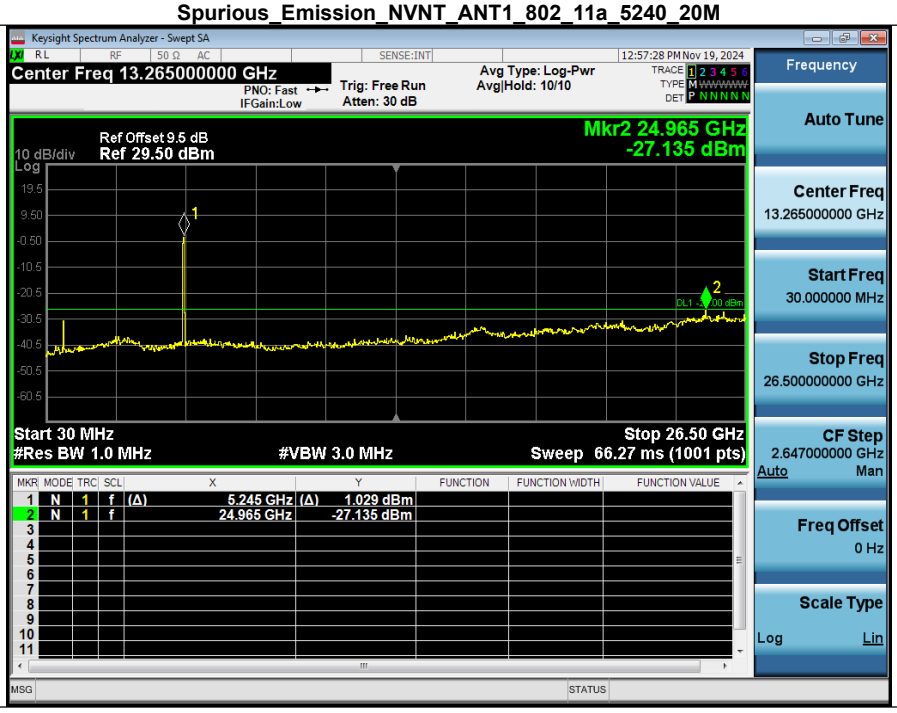
Spurious_Emission_NVNT_ANT1_802_11a_5180_20M



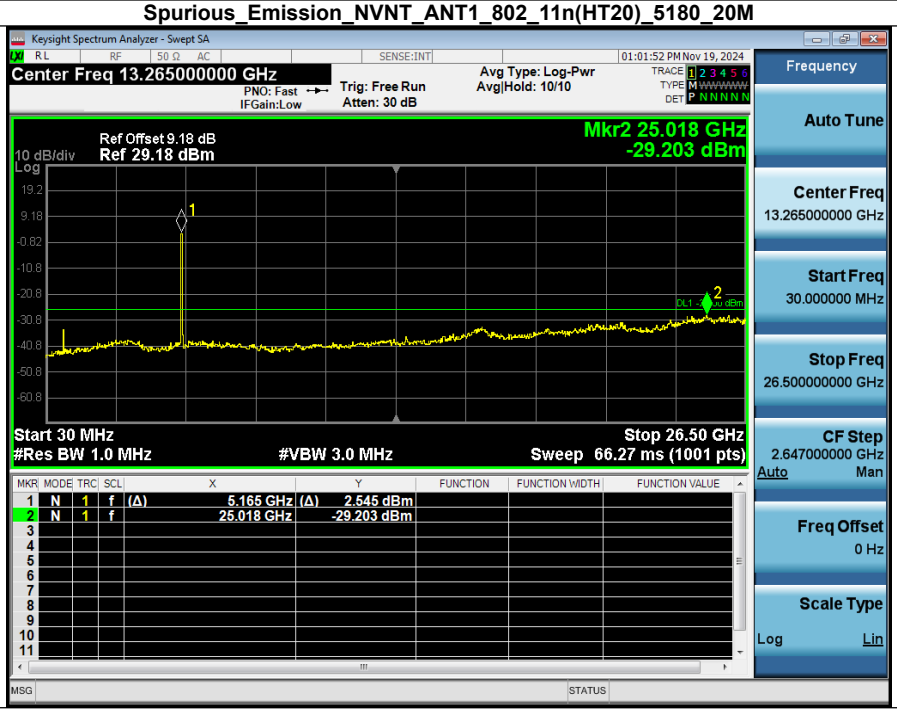
Spurious_Emission_NVNT_ANT1_802_11a_5200_20M



Spurious_Emission_NVNT_ANT1_802_11a_5240_20M



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



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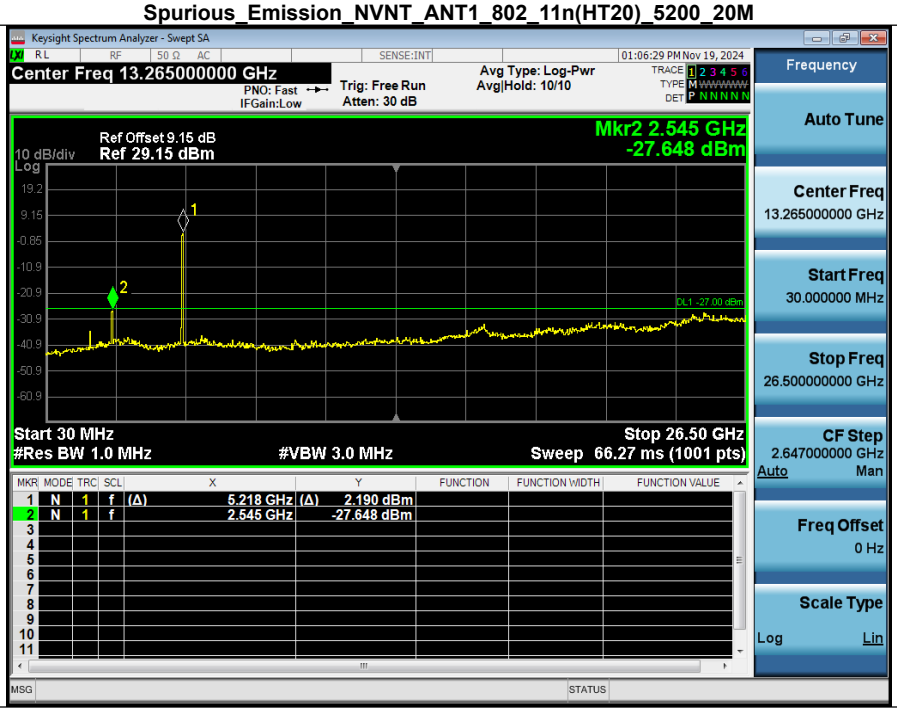
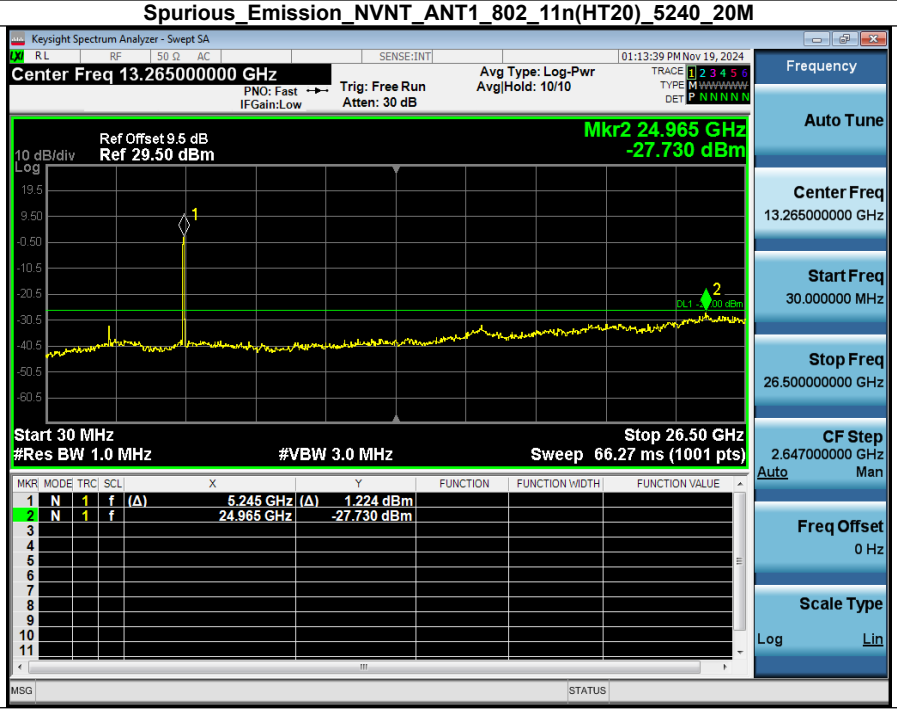
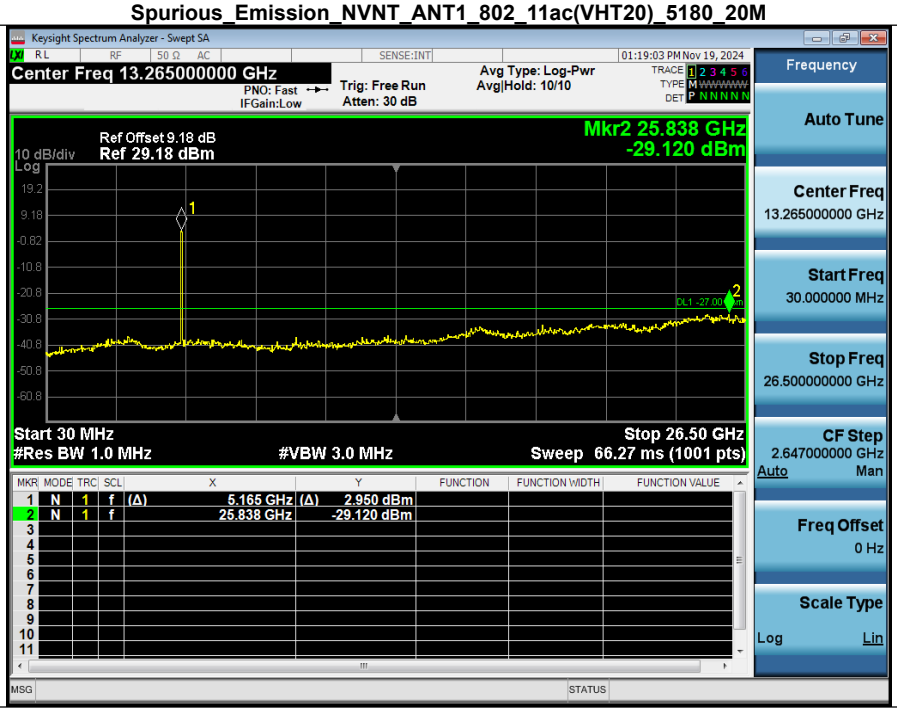


Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5240_20M



Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5180_20M



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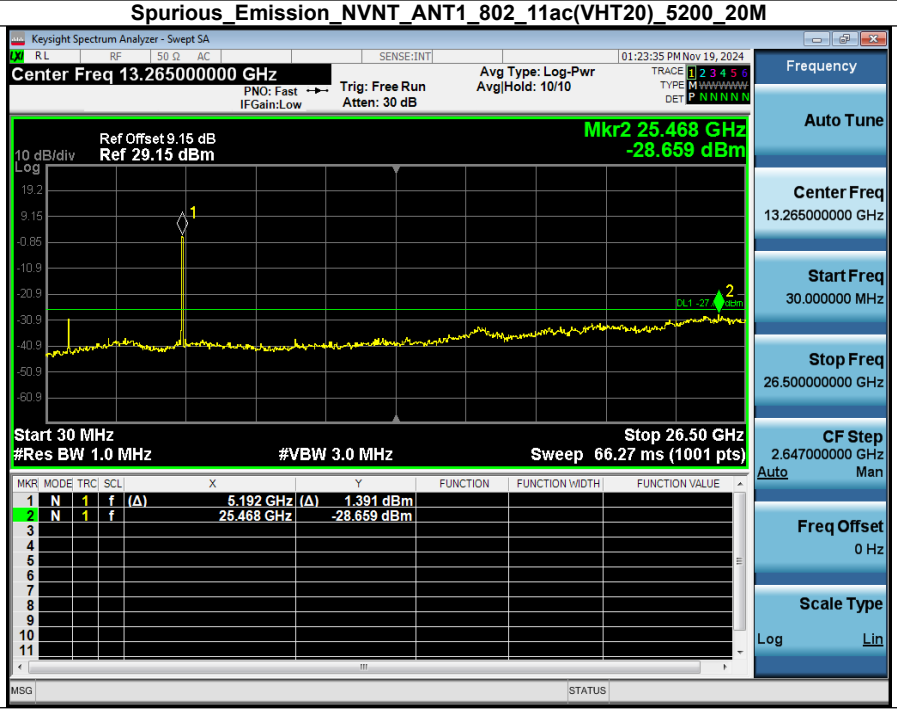
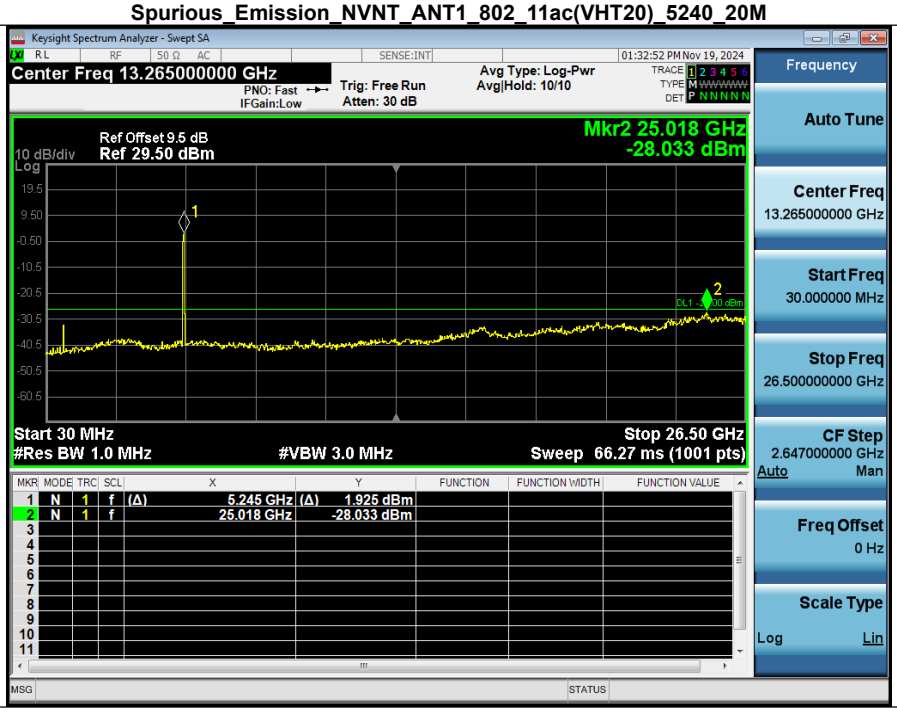
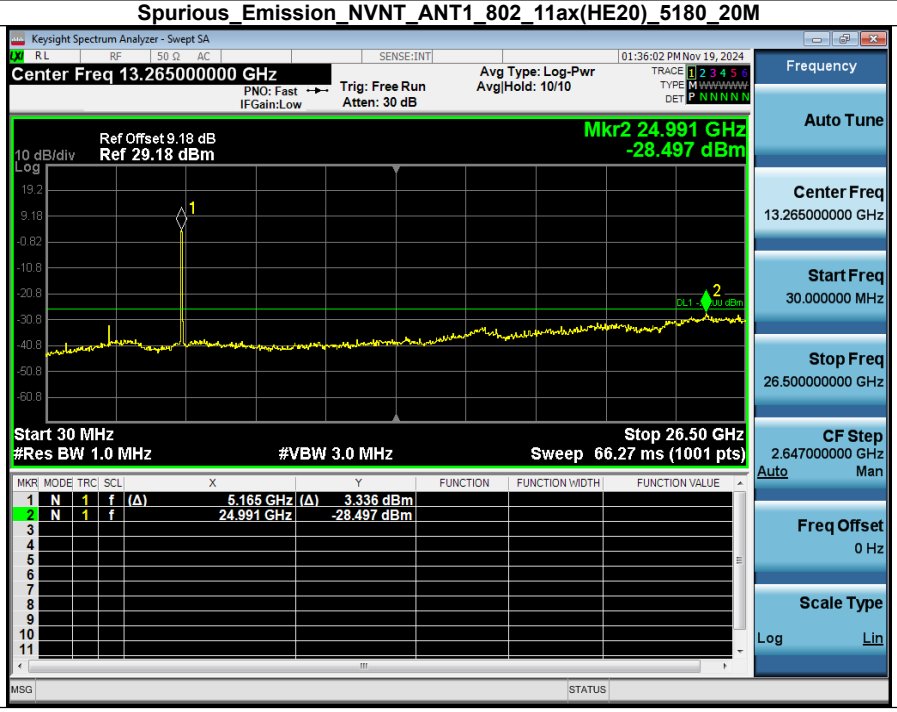


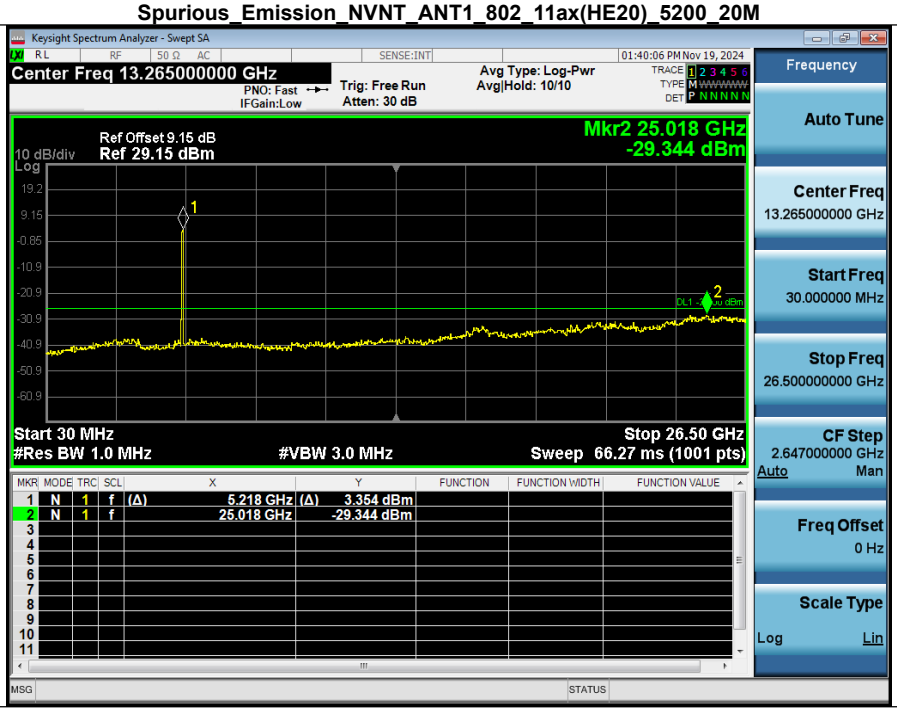
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5240_20M



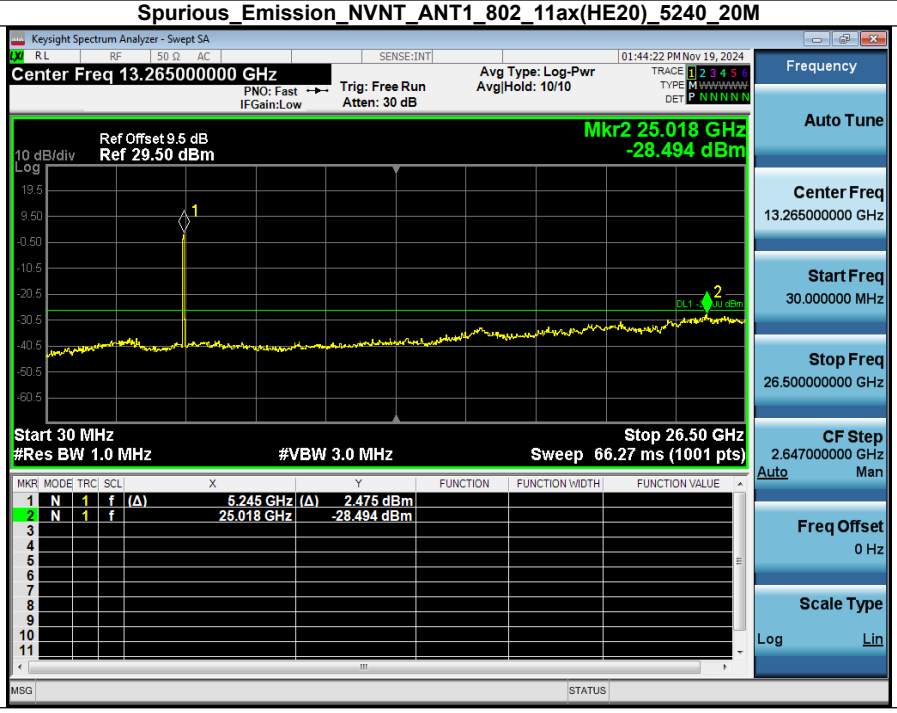
Spurious_Emission_NVNT_ANT1_802_11ax(HE20)_5180_20M



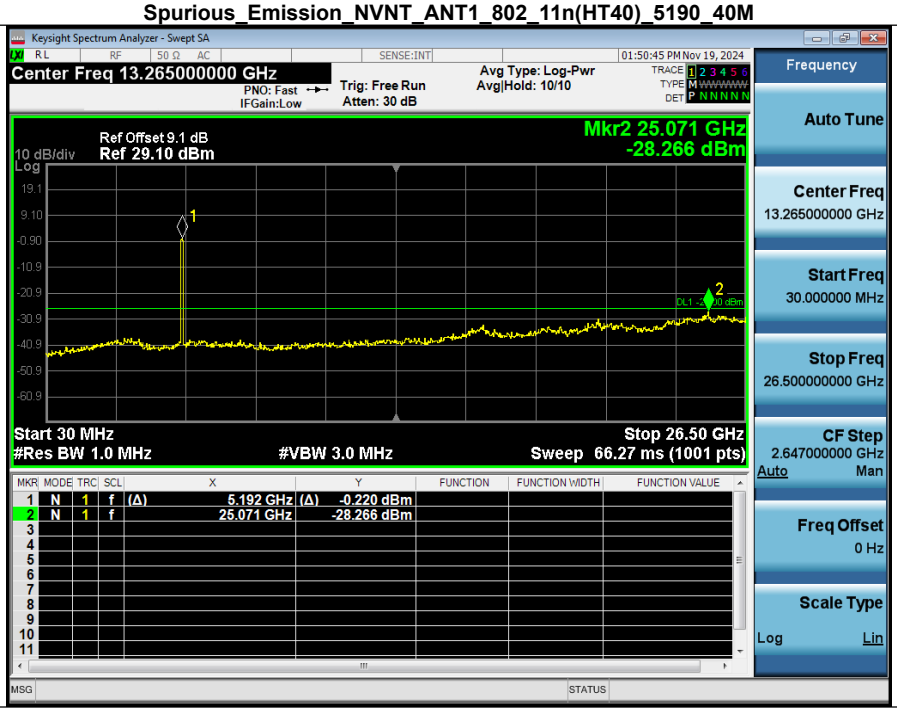
Spurious_Emission_NVNT_ANT1_802_11ax(HE20)_5200_20M



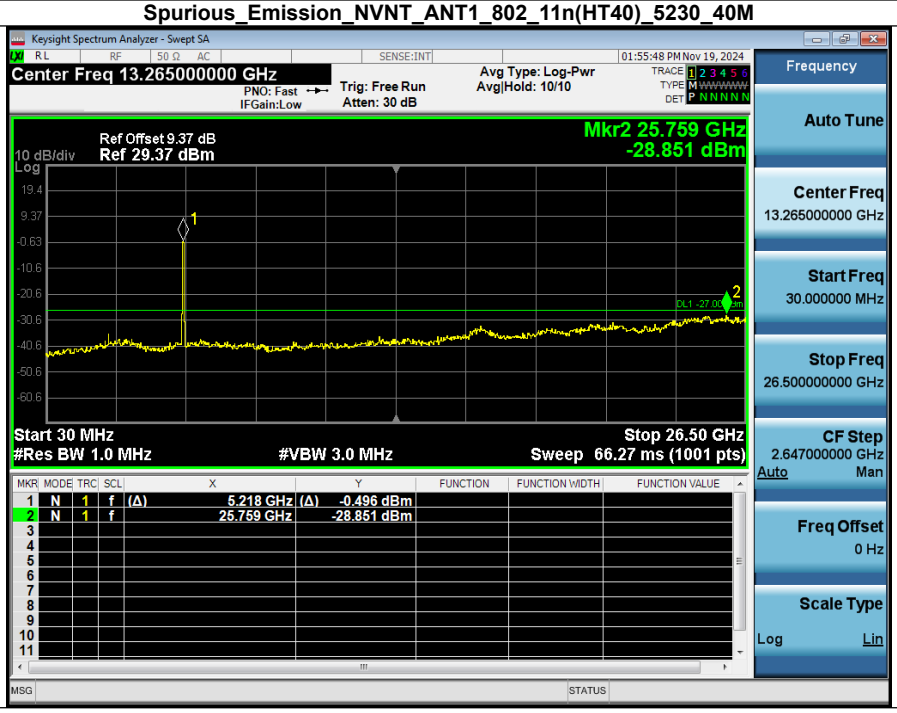
Spurious_Emission_NVNT_ANT1_802_11ax(HE20)_5240_20M



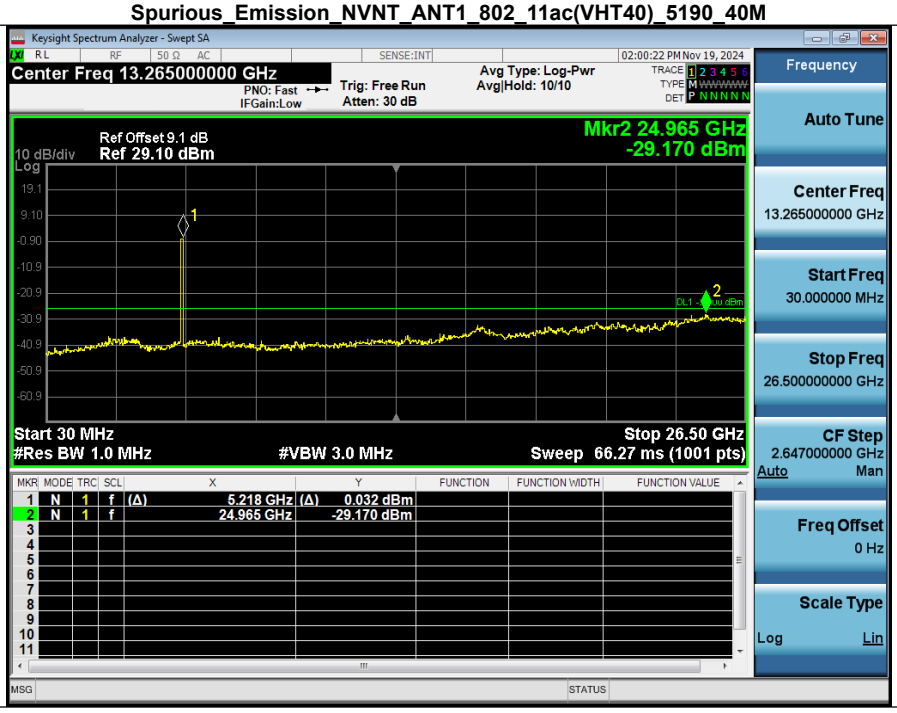
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5190_40M



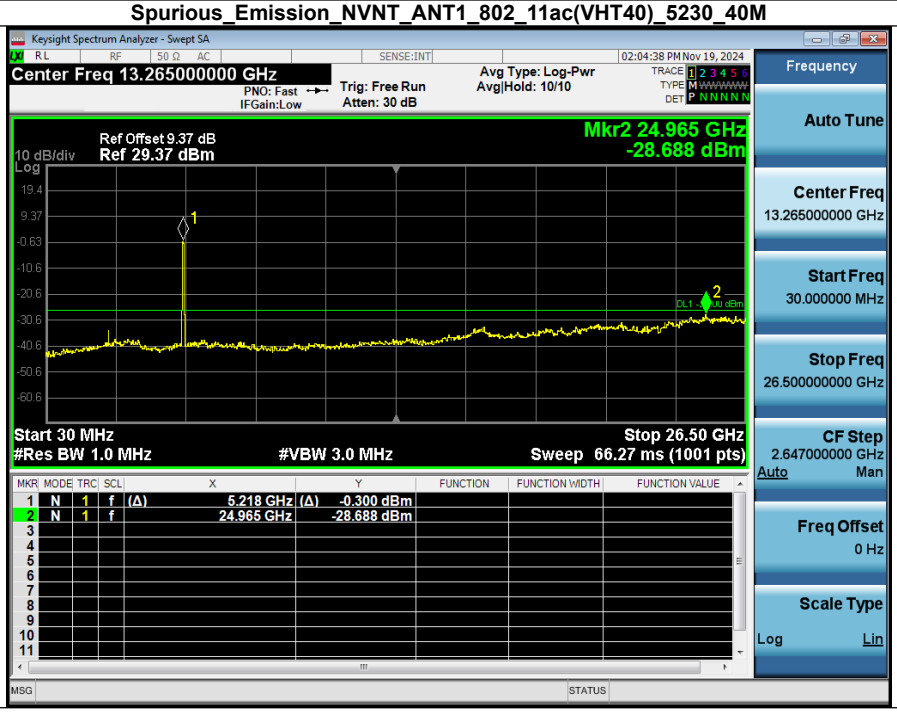
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5230_40M



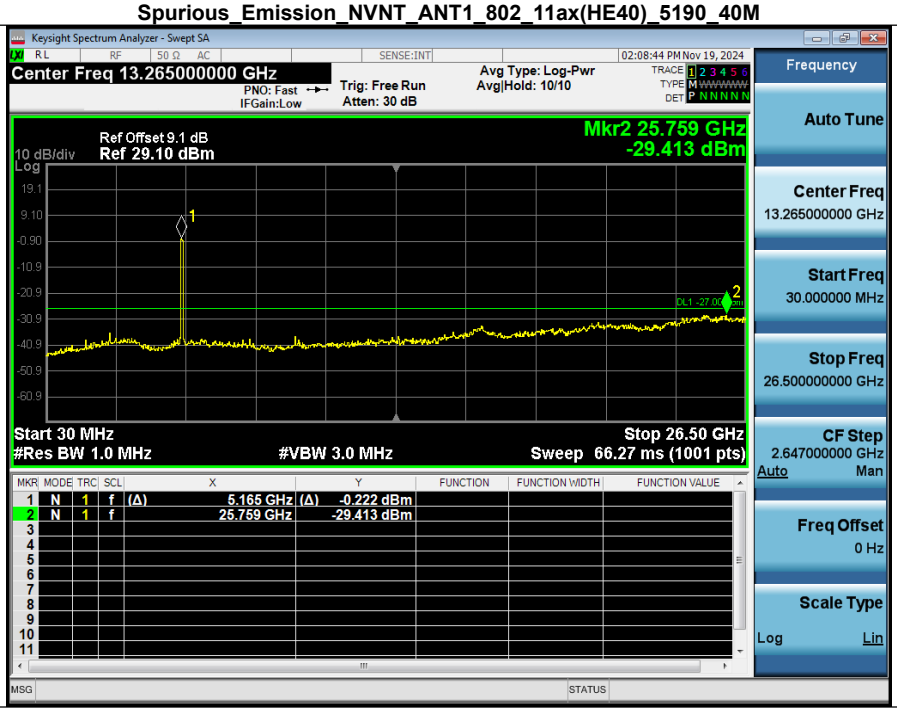
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5190_40M



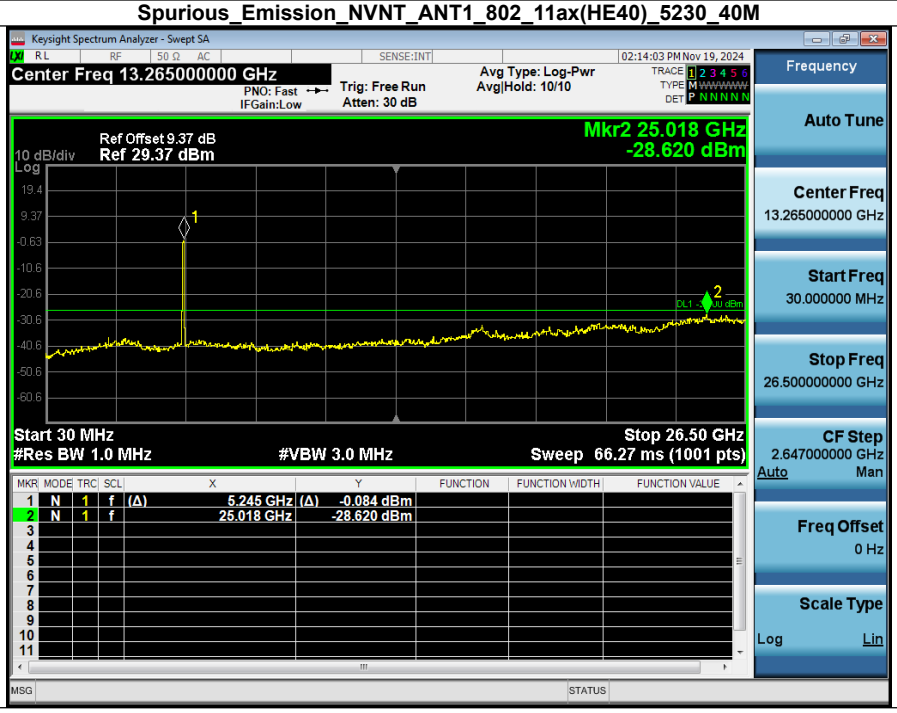
Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5230_40M



Spurious_Emission_NVNT_ANT1_802_11ax(HE40)_5190_40M



Spurious_Emission_NVNT_ANT1_802_11ax(HE40)_5230_40M



7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&&3.85V	ANT1	802.11a	5180.00	5180.020	5171.380	5188.660	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11a	5180.00	5180.034	5171.672	5188.396	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11a	5180.00	5180.024	5171.804	5188.244	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11a	5180.00	5180.020	5171.872	5188.168	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11a	5180.00	5180.018	5171.940	5188.096	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11a	5180.00	5180.020	5171.996	5188.044	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11a	5180.00	5180.022	5172.048	5187.996	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11a	5180.00	5180.026	5172.092	5187.960	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11a	5180.00	5180.020	5172.140	5187.900	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11a	5180.00	5180.002	5172.188	5187.816	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11a	5180.00	5180.020	5172.228	5187.812	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11a	5200.00	5200.036	5191.388	5208.684	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11a	5200.00	5200.014	5191.644	5208.384	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11a	5200.00	5200.032	5191.776	5208.288	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11a	5200.00	5200.030	5191.860	5208.200	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11a	5200.00	5200.024	5191.924	5208.124	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11a	5200.00	5200.022	5191.980	5208.064	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11a	5200.00	5200.024	5192.036	5208.012	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11a	5200.00	5200.026	5192.084	5207.968	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11a	5200.00	5200.024	5192.136	5207.912	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11a	5200.00	5200.012	5192.172	5207.852	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11a	5200.00	5200.022	5192.216	5207.828	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11a	5240.00	5240.000	5231.324	5248.676	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11a	5240.00	5240.022	5231.628	5248.416	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11a	5240.00	5240.014	5231.756	5248.272	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11a	5240.00	5240.030	5231.852	5248.208	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11a	5240.00	5240.022	5231.920	5248.124	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11a	5240.00	5240.020	5231.976	5248.064	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11a	5240.00	5240.026	5232.028	5248.024	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11a	5240.00	5240.030	5232.076	5247.984	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11a	5240.00	5240.020	5232.120	5247.920	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11a	5240.00	5240.008	5232.160	5247.856	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11a	5240.00	5240.018	5232.200	5247.836	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.030	5170.880	5189.180	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.036	5171.144	5188.928	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.024	5171.264	5188.784	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.044	5171.352	5188.736	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.032	5171.424	5188.640	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.036	5171.488	5188.584	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.030	5171.552	5188.508	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.038	5171.612	5188.464	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11n(HT20)	5180.00	5180.042	5171.668	5188.416	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT20)	5180.00	5180.050	5171.732	5188.368	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11n(HT20)	5180.00	5180.048	5171.788	5188.308	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.014	5190.884	5209.144	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.028	5191.132	5208.924	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.030	5191.268	5208.792	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.028	5191.356	5208.700	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.032	5191.424	5208.640	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.026	5191.484	5208.568	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.026	5191.552	5208.500	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.026	5191.612	5208.440	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11n(HT20)	5200.00	5200.040	5191.668	5208.412	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT20)	5200.00	5200.026	5191.724	5208.328	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11n(HT20)	5200.00	5200.016	5191.764	5208.268	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.020	5230.888	5249.152	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.024	5231.148	5248.900	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.032	5231.268	5248.796	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.034	5231.352	5248.716	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.032	5231.424	5248.640	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.028	5231.492	5248.564	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.022	5231.544	5248.500	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.018	5231.596	5248.440	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11n(HT20)	5240.00	5240.030	5231.652	5248.408	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT20)	5240.00	5240.020	5231.704	5248.336	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11n(HT20)	5240.00	5240.024	5231.760	5248.288	5150~5250	Pass

55degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5170.904	5189.160	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.038	5171.148	5188.928	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.028	5171.268	5188.788	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.042	5171.356	5188.728	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.034	5171.428	5188.640	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.034	5171.504	5188.564	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.044	5171.568	5188.520	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.042	5171.620	5188.464	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ac(VHT20)	5180.00	5180.036	5171.664	5188.408	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.724	5188.336	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ac(VHT20)	5180.00	5180.038	5171.764	5188.312	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.038	5190.884	5209.192	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.014	5191.128	5208.900	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.024	5191.256	5208.792	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.344	5208.712	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.022	5191.408	5208.636	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.018	5191.472	5208.564	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.016	5191.528	5208.504	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.010	5191.572	5208.448	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ac(VHT20)	5200.00	5200.002	5191.624	5208.380	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT20)	5200.00	5200.008	5191.676	5208.340	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ac(VHT20)	5200.00	5200.012	5191.720	5208.304	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.028	5230.872	5249.184	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.008	5231.120	5248.896	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.028	5231.256	5248.800	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.020	5231.344	5248.696	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.026	5231.412	5248.640	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.014	5231.472	5248.556	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.030	5231.528	5248.532	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.022	5231.584	5248.460	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ac(VHT20)	5240.00	5240.006	5231.652	5248.360	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT20)	5240.00	5240.028	5231.704	5248.352	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ac(VHT20)	5240.00	5239.998	5231.744	5248.252	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.042	5170.888	5189.196	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.030	5171.136	5188.924	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.024	5171.256	5188.792	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.036	5171.348	5188.724	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.042	5171.424	5188.660	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.038	5171.488	5188.588	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.030	5171.540	5188.520	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.024	5171.584	5188.464	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ax(HE20)	5180.00	5180.028	5171.648	5188.408	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE20)	5180.00	5180.024	5171.696	5188.352	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ax(HE20)	5180.00	5180.018	5171.740	5188.296	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.024	5190.904	5209.144	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.024	5191.156	5208.892	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.026	5191.272	5208.780	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.036	5191.348	5208.724	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.030	5191.424	5208.636	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.042	5191.496	5208.588	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.024	5191.560	5208.488	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.022	5191.620	5208.424	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ax(HE20)	5200.00	5200.040	5191.688	5208.392	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE20)	5200.00	5200.030	5191.740	5208.320	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ax(HE20)	5200.00	5200.044	5191.780	5208.308	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.038	5230.908	5249.168	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.032	5231.144	5248.920	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.036	5231.272	5248.800	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.030	5231.344	5248.716	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.024	5231.424	5248.624	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.028	5231.484	5248.572	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.022	5231.540	5248.504	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.030	5231.600	5248.460	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ax(HE20)	5240.00	5240.034	5231.656	5248.412	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE20)	5240.00	5240.014	5231.700	5248.328	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ax(HE20)	5240.00	5240.008	5231.752	5248.264	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.080	5171.776	5208.384	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.084	5171.976	5208.192	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.076	5172.128	5208.024	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.104	5172.264	5207.944	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.100	5172.384	5207.816	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.092	5172.496	5207.688	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.100	5172.576	5207.624	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.124	5172.688	5207.560	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11n(HT40)	5190.00	5190.120	5172.776	5207.464	5150~5250	Pass

25degrees C&&3.85V	ANT1	802.11n(HT40)	5190.00	5190.104	5172.872	5207.336	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11n(HT40)	5190.00	5190.124	5172.960	5207.288	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.060	5211.752	5248.368	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.068	5211.960	5248.176	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.060	5212.112	5248.008	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.052	5212.232	5247.872	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.048	5212.328	5247.768	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.032	5212.424	5247.640	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.056	5212.520	5247.592	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.060	5212.592	5247.528	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11n(HT40)	5230.00	5230.056	5212.680	5247.432	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11n(HT40)	5230.00	5230.032	5212.752	5247.312	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11n(HT40)	5230.00	5230.020	5212.840	5247.200	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5171.744	5208.368	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.068	5171.944	5208.192	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.060	5172.072	5208.048	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.060	5172.192	5207.928	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5172.288	5207.856	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.048	5172.408	5207.688	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5172.504	5207.640	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.076	5172.584	5207.568	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ac(VHT40)	5190.00	5190.084	5172.672	5207.496	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5172.768	5207.376	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5172.848	5207.264	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.060	5211.744	5248.376	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.056	5211.944	5248.168	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.036	5212.064	5248.008	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.036	5212.160	5247.912	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.012	5212.264	5247.760	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.024	5212.352	5247.696	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5229.996	5212.456	5247.536	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5229.988	5212.536	5247.440	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ac(VHT40)	5230.00	5230.024	5212.616	5247.432	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ac(VHT40)	5230.00	5230.000	5212.688	5247.312	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ac(VHT40)	5230.00	5230.016	5212.792	5247.240	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.072	5171.752	5208.392	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.080	5171.984	5208.176	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.072	5172.112	5208.032	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.084	5172.248	5207.920	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.088	5172.360	5207.816	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.092	5172.472	5207.712	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.108	5172.576	5207.640	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.116	5172.664	5207.568	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ax(HE40)	5190.00	5190.104	5172.752	5207.456	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE40)	5190.00	5190.112	5172.832	5207.392	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ax(HE40)	5190.00	5190.080	5172.896	5207.264	5150~5250	Pass
55degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.068	5211.744	5248.392	5150~5250	Pass
45degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.048	5211.928	5248.168	5150~5250	Pass
35degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.052	5212.080	5248.024	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.060	5212.200	5247.920	5150~5250	Pass
15degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.040	5212.312	5247.768	5150~5250	Pass
5degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.036	5212.408	5247.664	5150~5250	Pass
-5degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.044	5212.504	5247.584	5150~5250	Pass
-15degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.060	5212.600	5247.520	5150~5250	Pass
25degrees C&&4.43V	ANT1	802.11ax(HE40)	5230.00	5230.048	5212.712	5247.384	5150~5250	Pass
25degrees C&&3.85V	ANT1	802.11ax(HE40)	5230.00	5230.044	5212.808	5247.280	5150~5250	Pass
25degrees C&&3.27V	ANT1	802.11ax(HE40)	5230.00	5230.044	5212.896	5247.192	5150~5250	Pass