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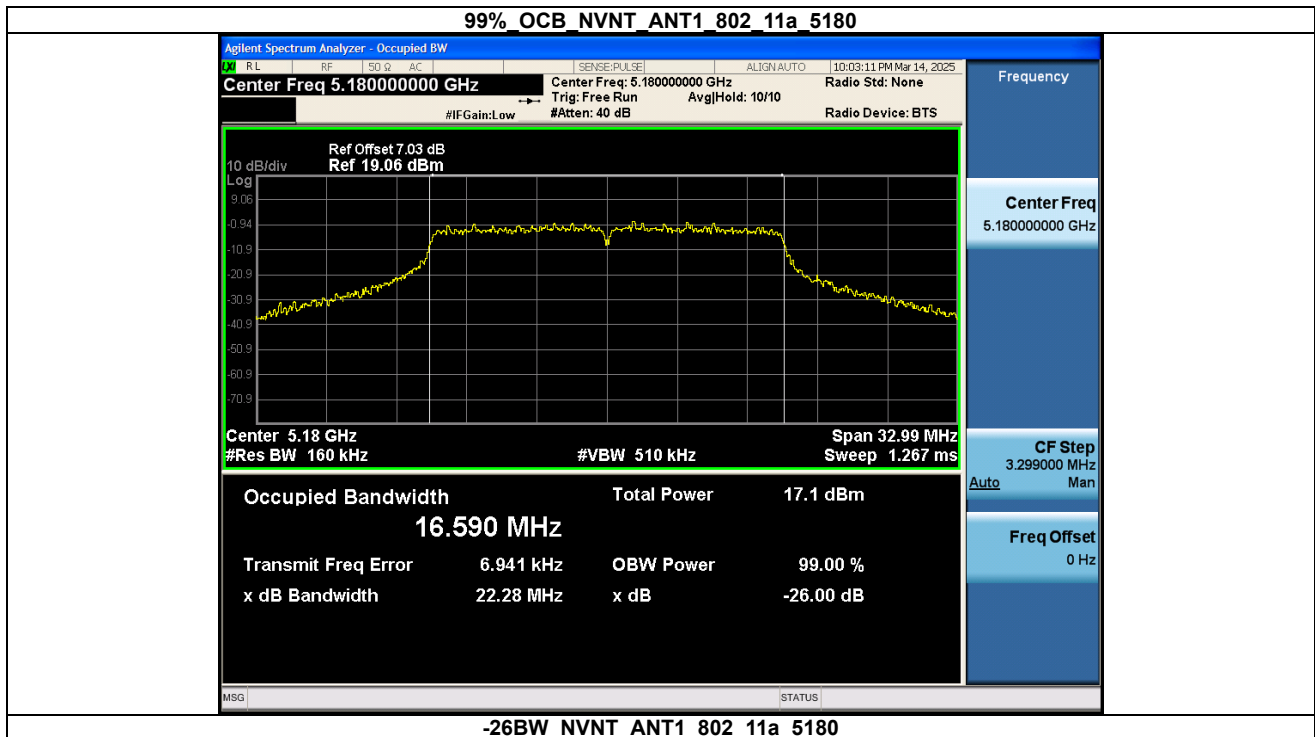
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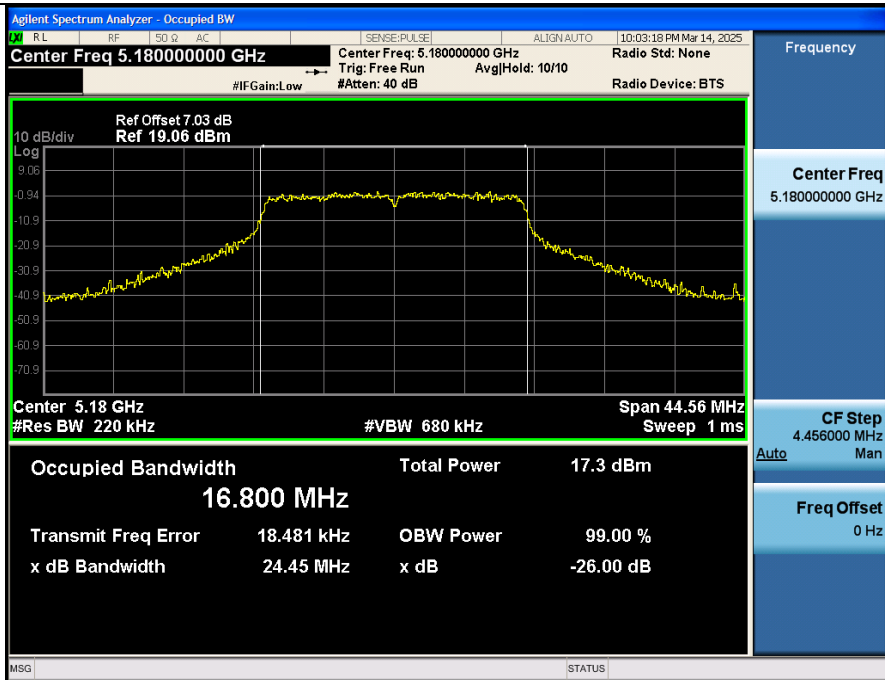
Model/Type reference: HY300Ultra

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	24.45	16.59
NVNT	ANT1	802.11a	5200.00	24.37	16.55
NVNT	ANT1	802.11a	5240.00	24.14	16.59
NVNT	ANT1	802.11n(HT20)	5180.00	25.25	17.85
NVNT	ANT1	802.11n(HT20)	5200.00	25.53	17.87
NVNT	ANT1	802.11n(HT20)	5240.00	25.54	17.86
NVNT	ANT1	802.11ac(VHT20)	5180.00	24.67	17.86
NVNT	ANT1	802.11ac(VHT20)	5200.00	26.51	17.85
NVNT	ANT1	802.11ac(VHT20)	5240.00	24.96	17.89
NVNT	ANT1	802.11ax(HE20)	5180.00	24.35	19.08
NVNT	ANT1	802.11ax(HE20)	5200.00	25.61	19.05
NVNT	ANT1	802.11ax(HE20)	5240.00	25.12	19.16
NVNT	ANT1	802.11n(HT40)	5190.00	46.53	36.41
NVNT	ANT1	802.11n(HT40)	5230.00	46.54	36.46
NVNT	ANT1	802.11ac(VHT40)	5190.00	46.54	36.40
NVNT	ANT1	802.11ac(VHT40)	5230.00	46.83	36.41
NVNT	ANT1	802.11ax(HE40)	5190.00	44.86	37.87
NVNT	ANT1	802.11ax(HE40)	5230.00	46.36	37.90

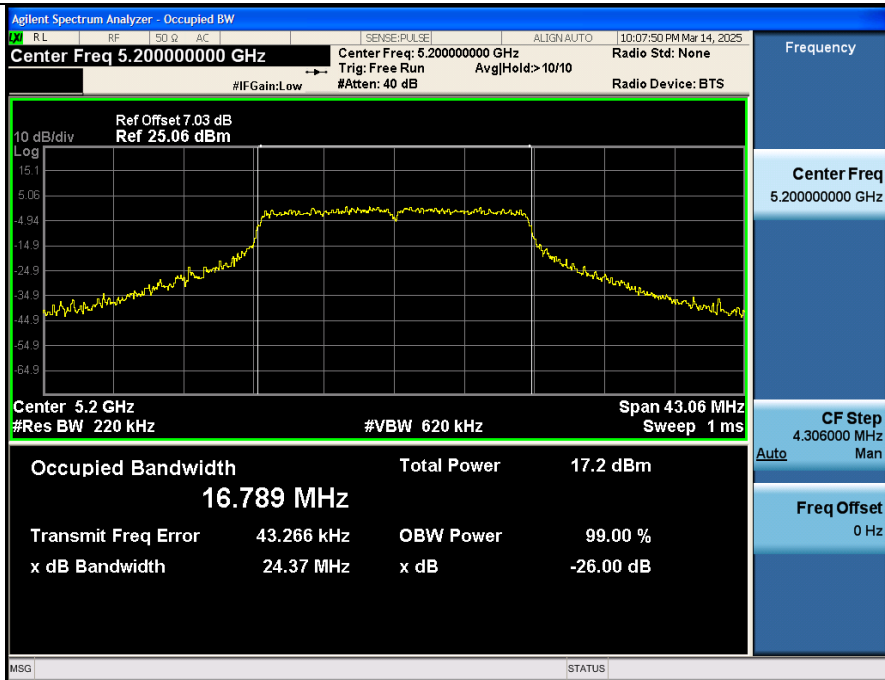




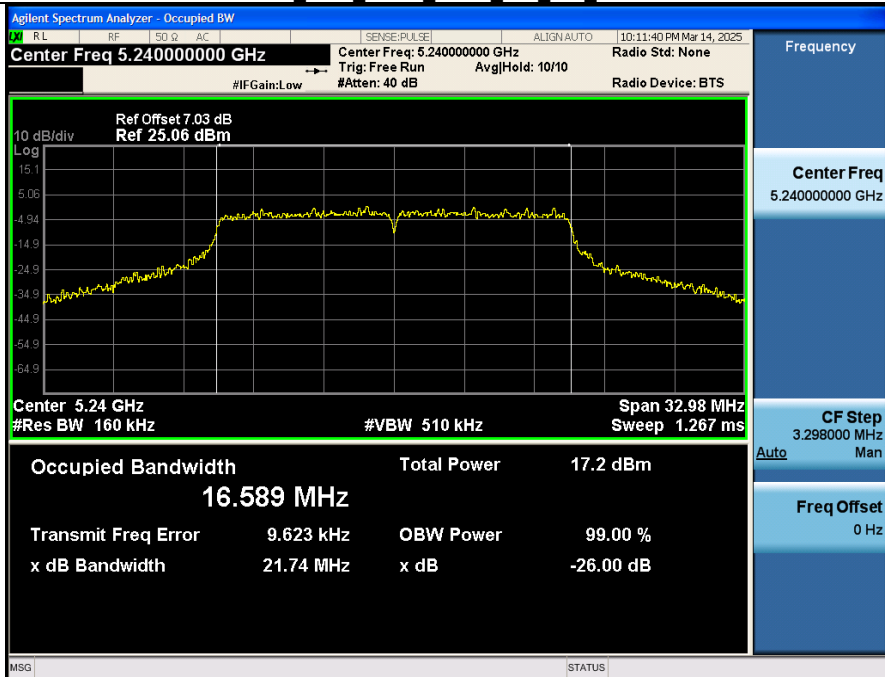
99% OCB NVNT ANT1 802 11a 5200



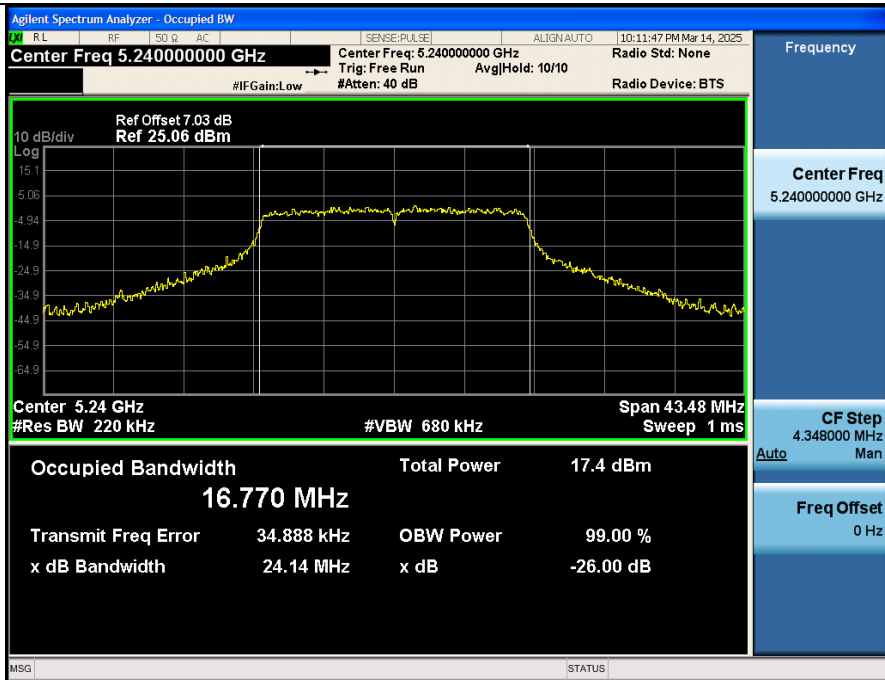
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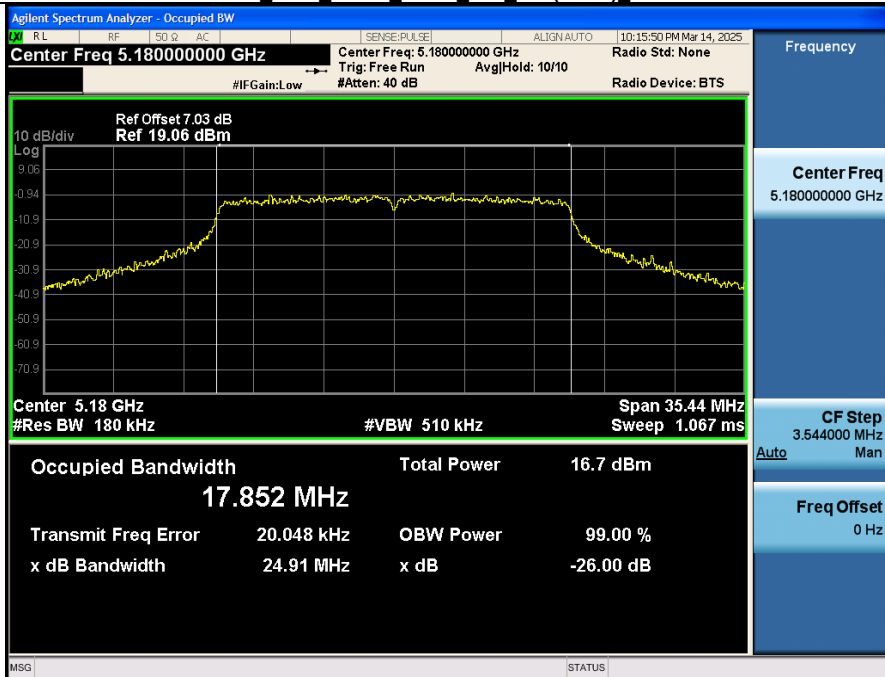
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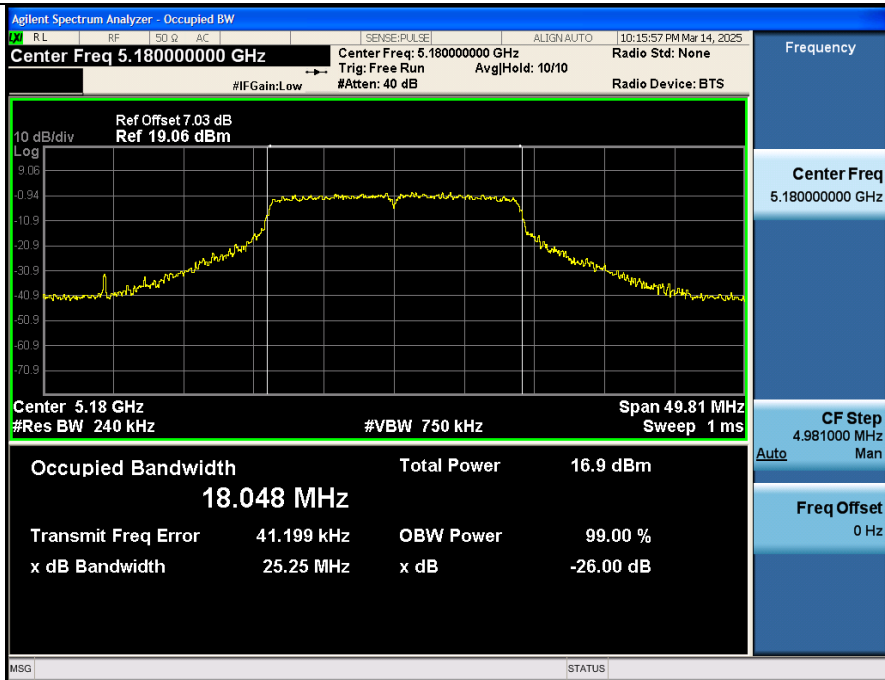
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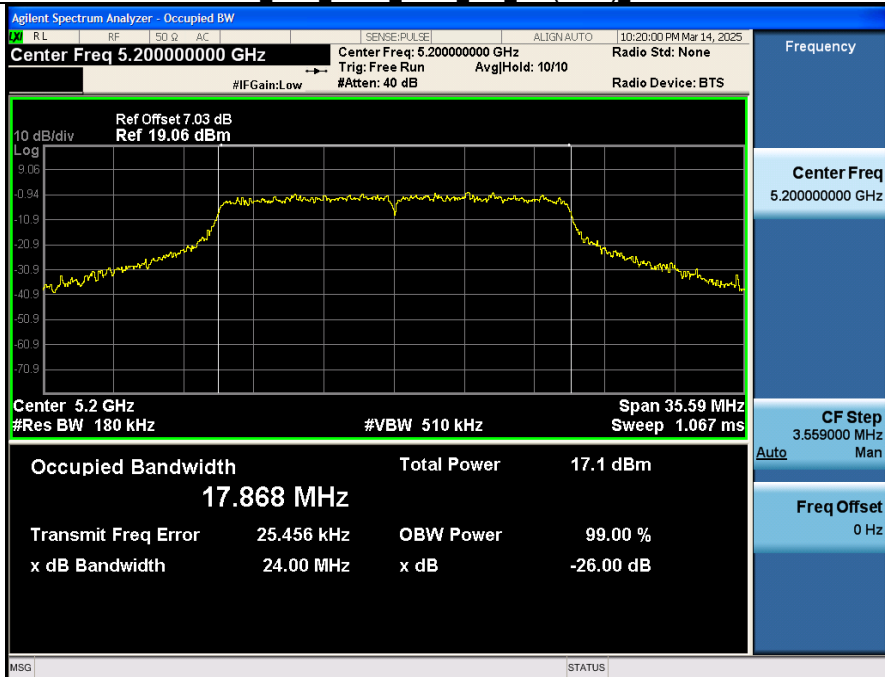
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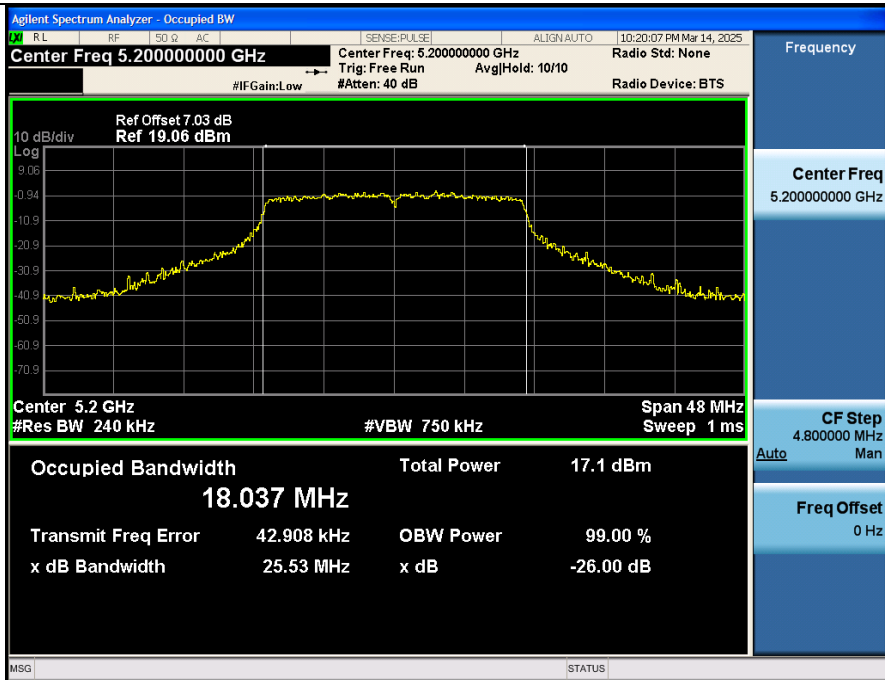
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99% OCB NVNT ANT1_802_11n(HT20)_5200



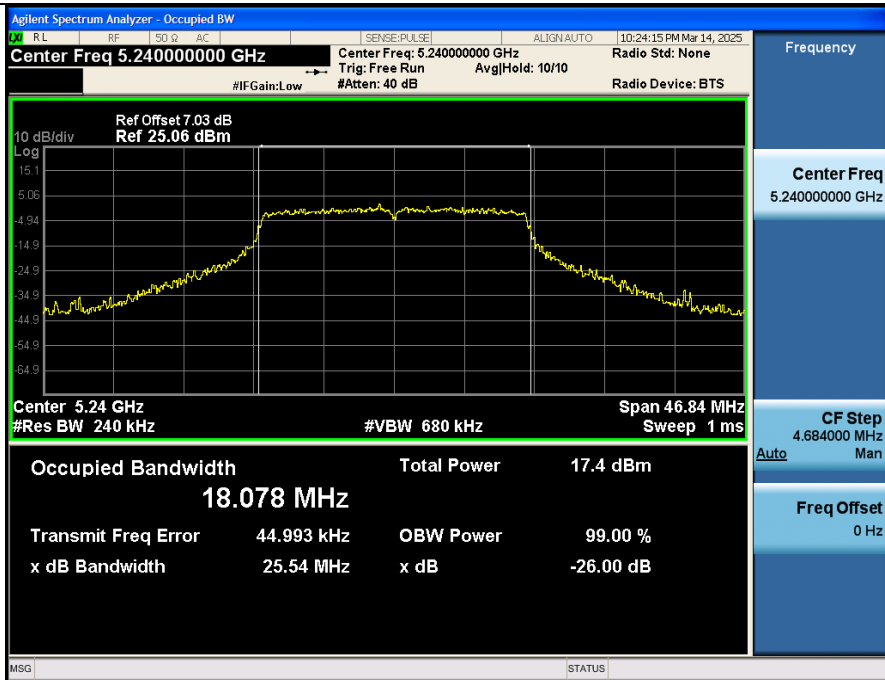
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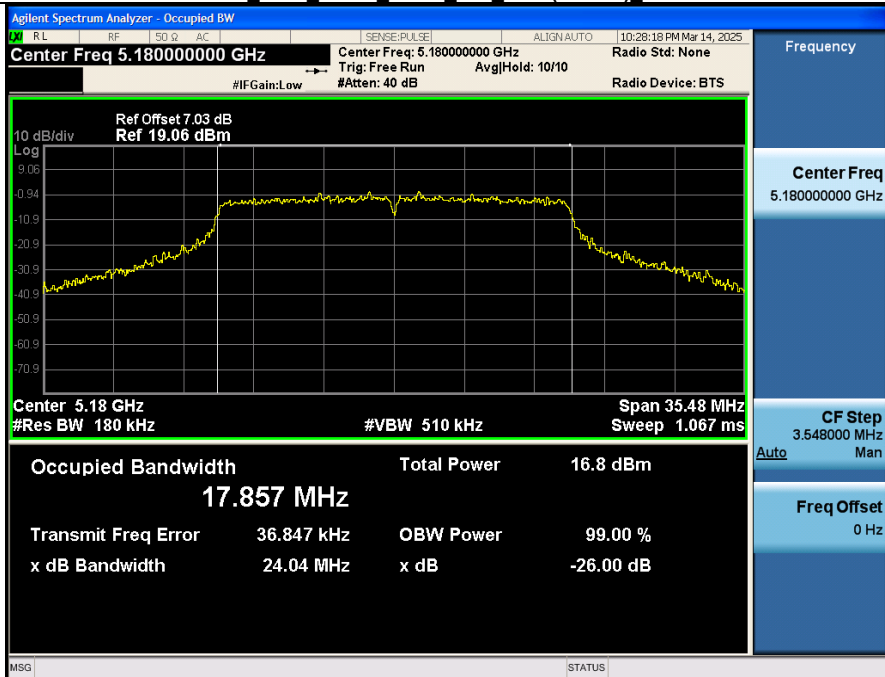
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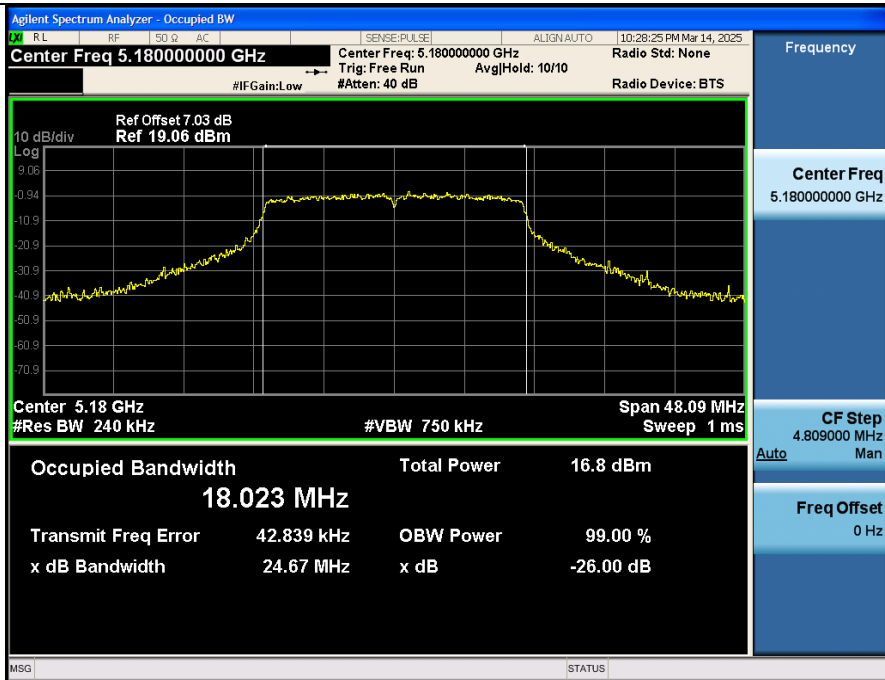
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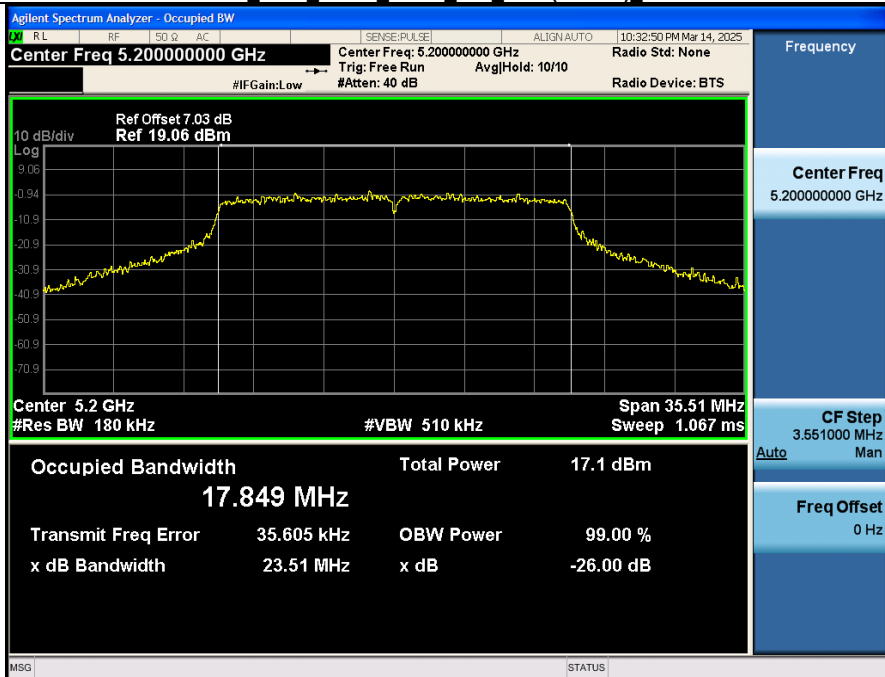
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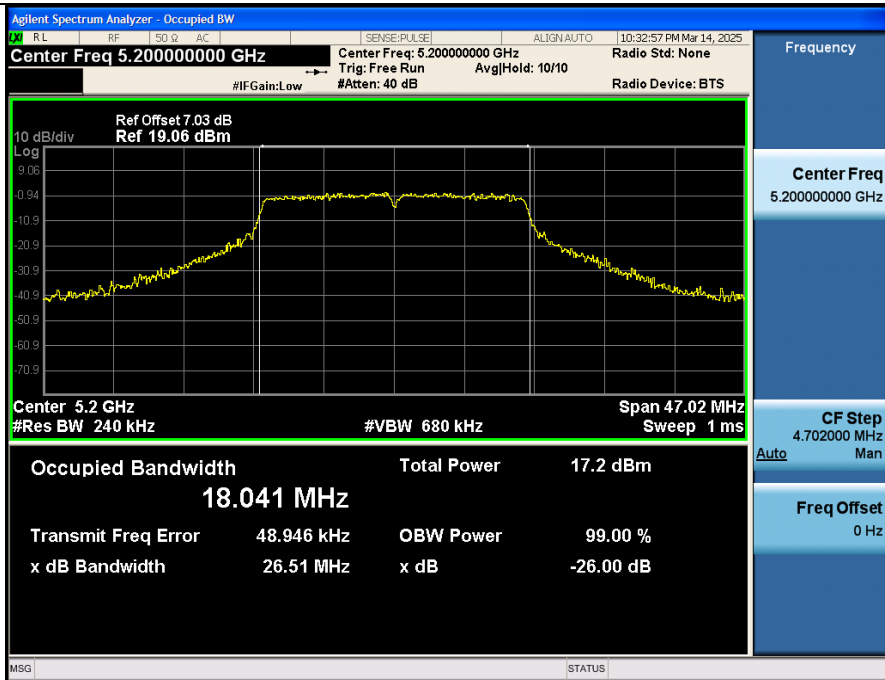
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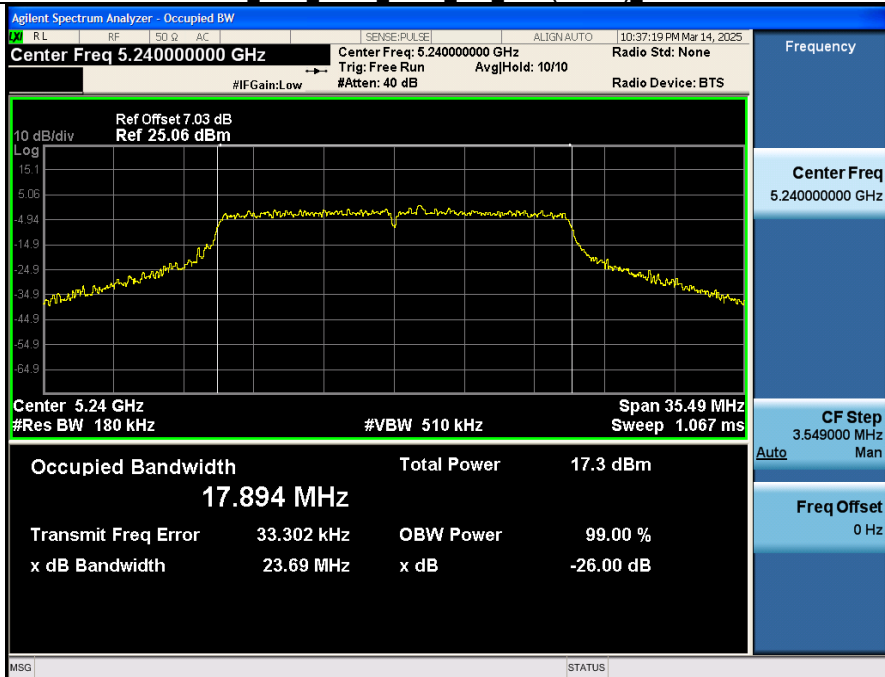
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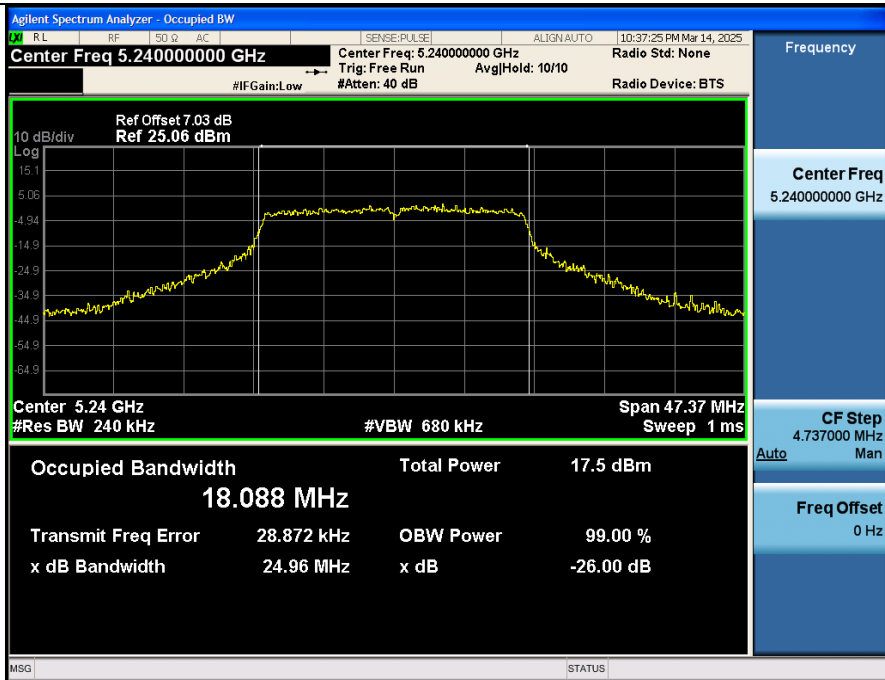
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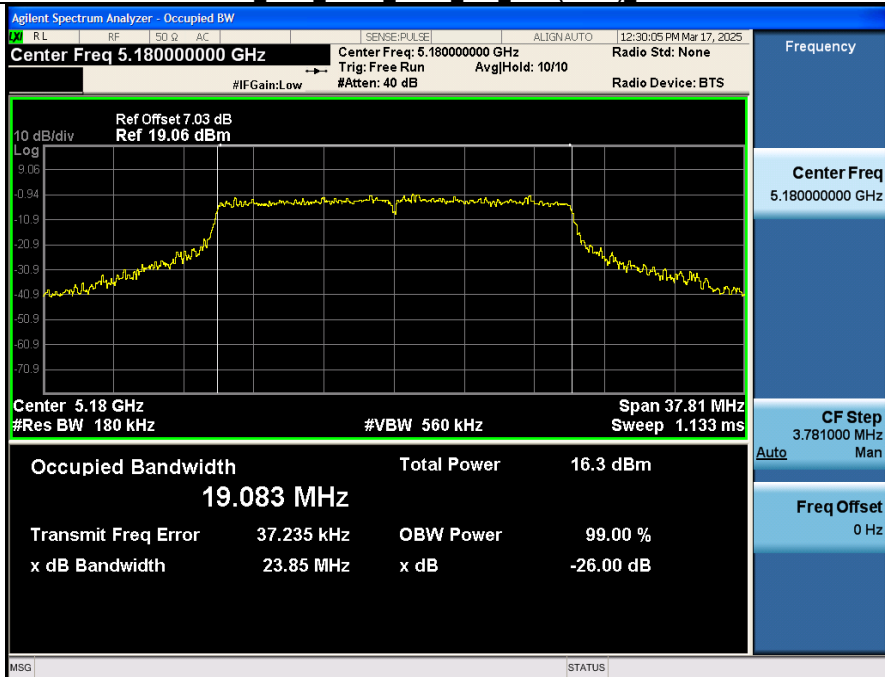
99% OCB NVNT ANT1 802 11ac(VHT20) 5240



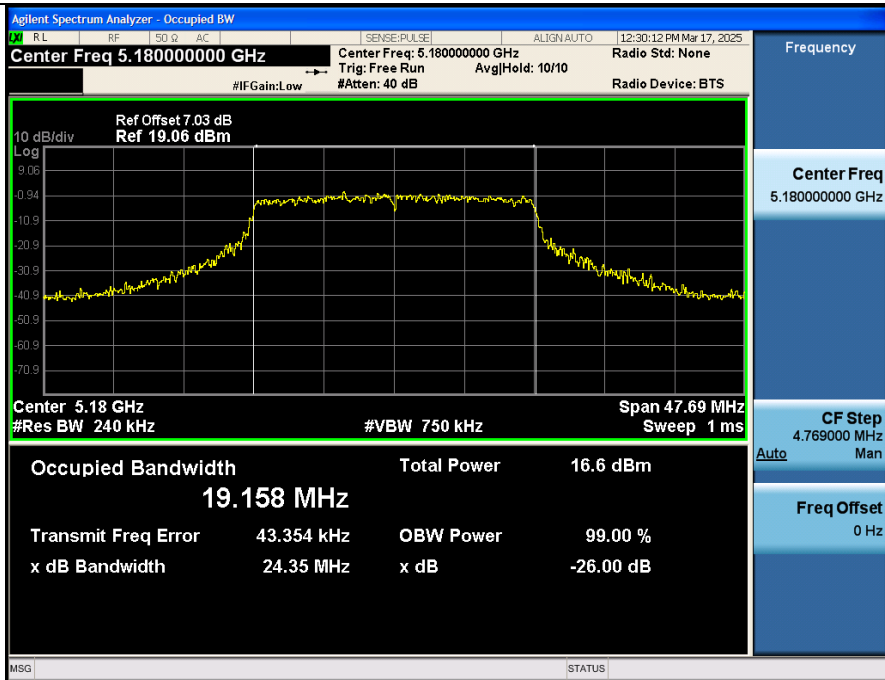
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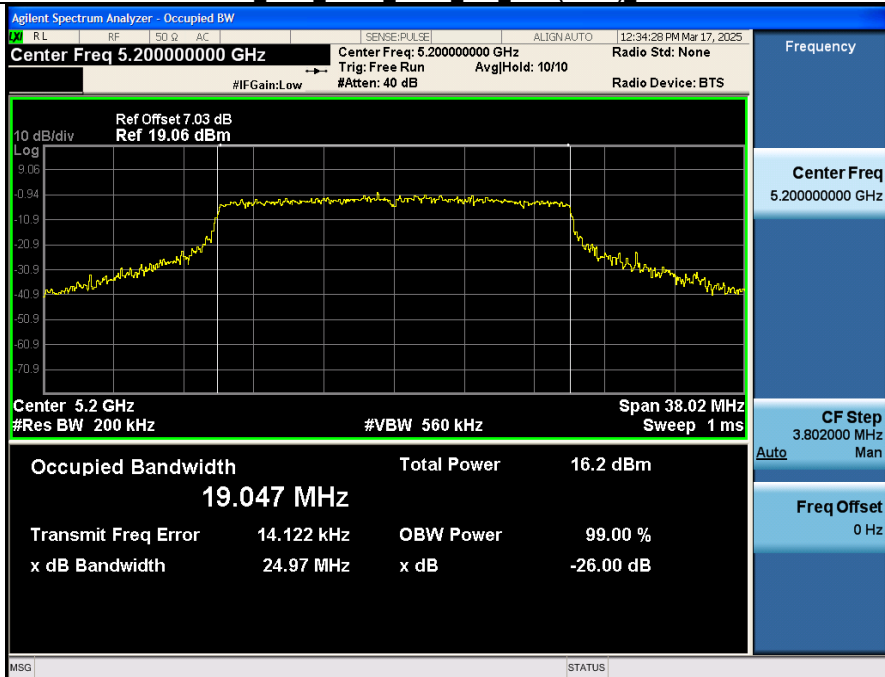
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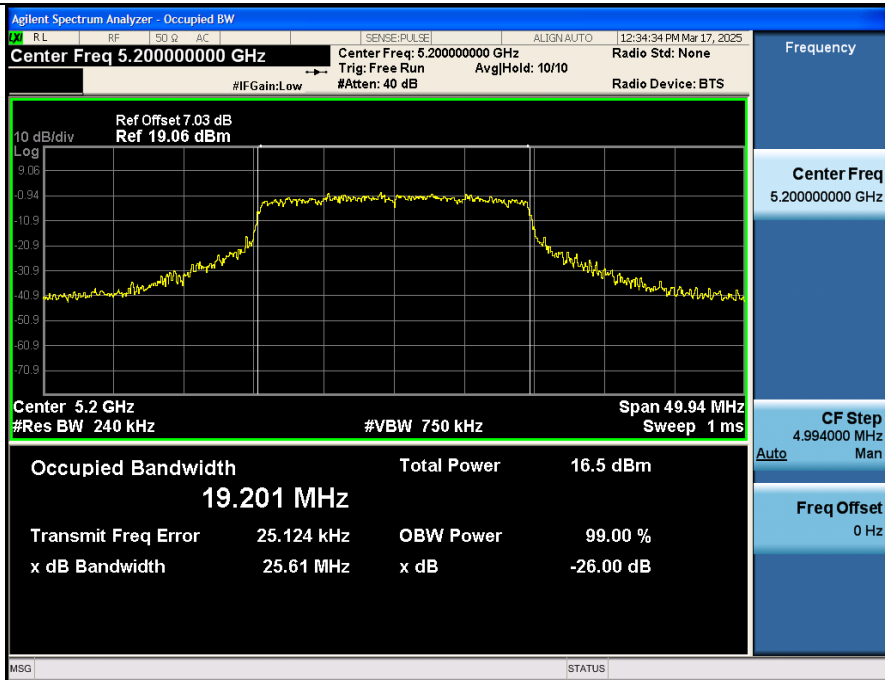
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99% OCB NVNT ANT1 802_11ax(HE20) 5200



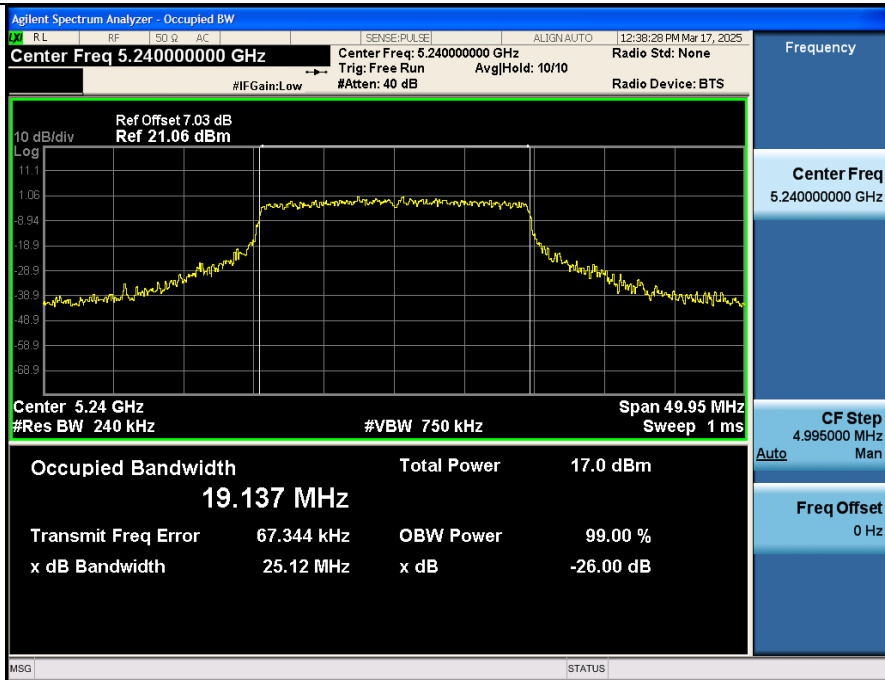
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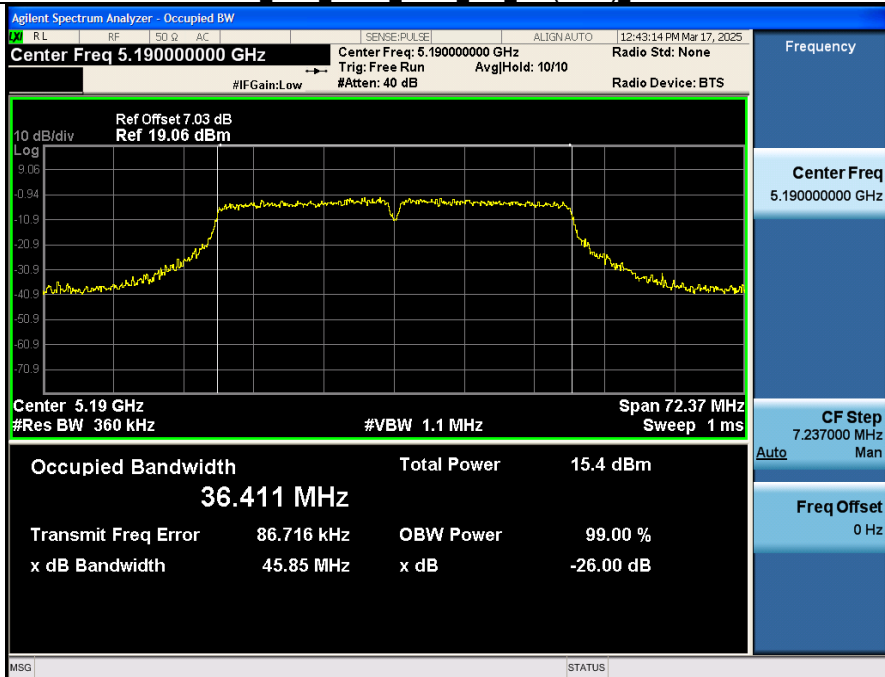
99% OCB NVNT ANT1 802_11ax(HE20) 5240



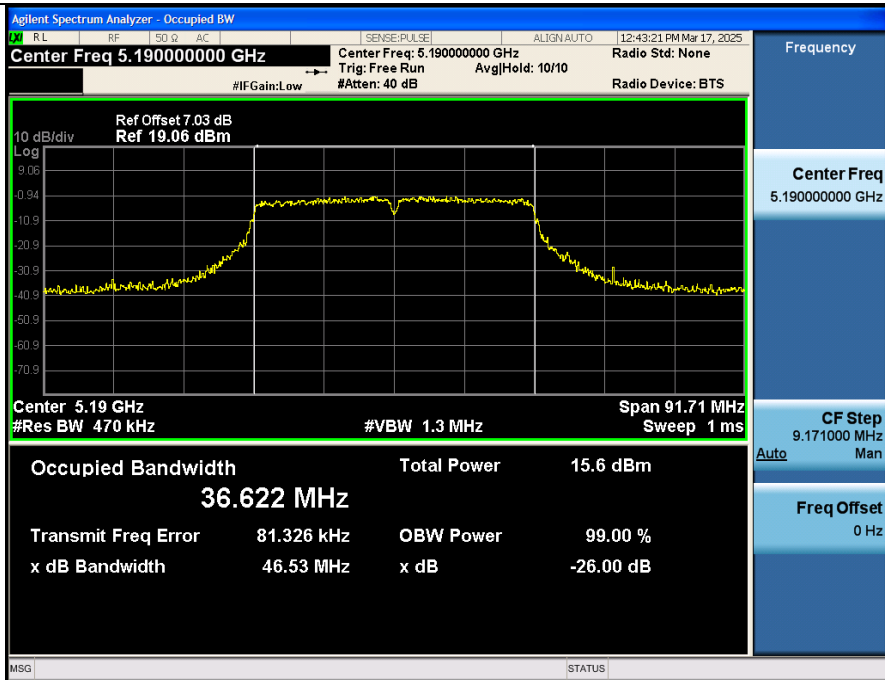
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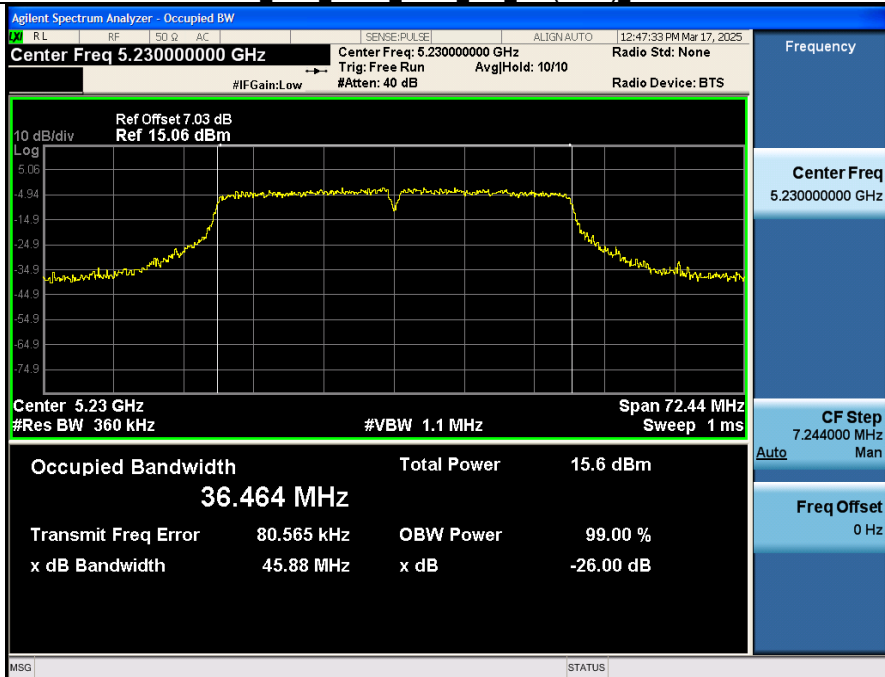
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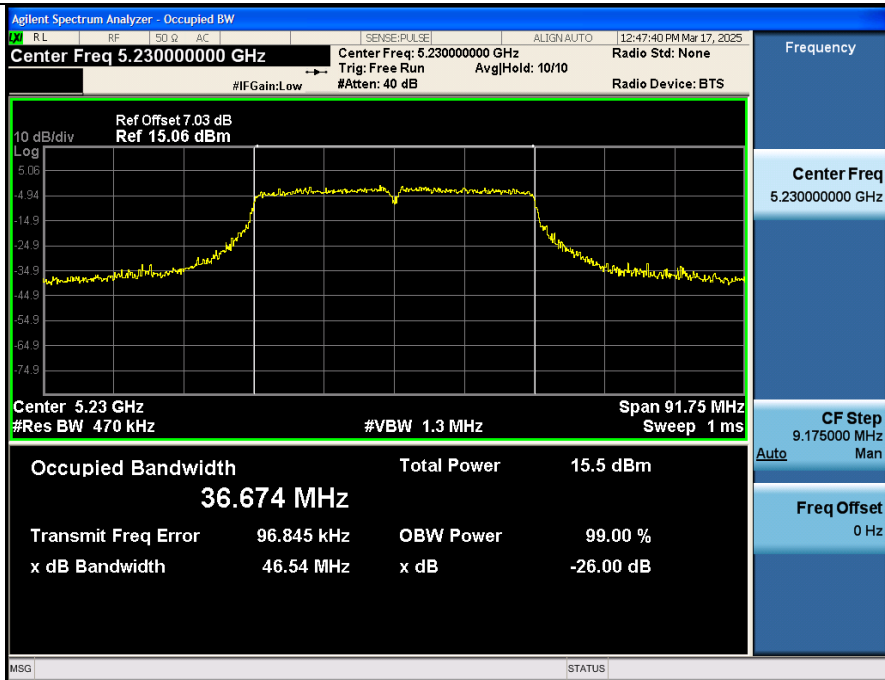
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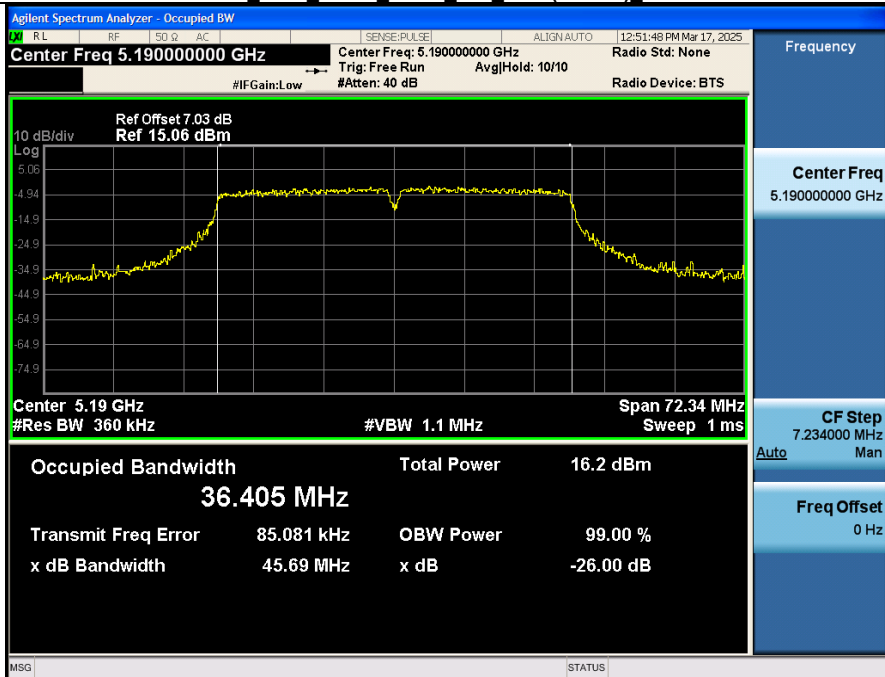
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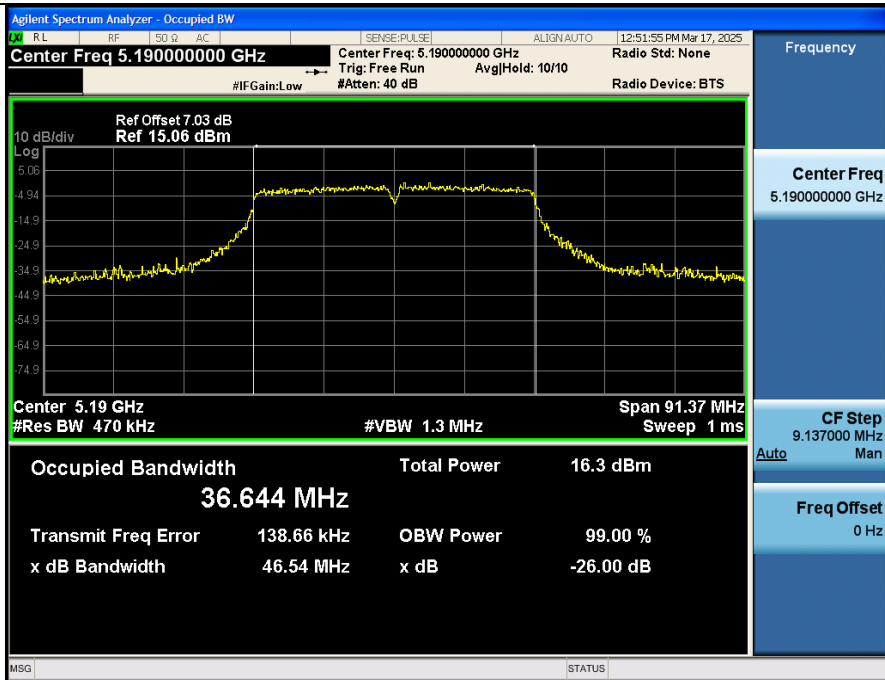
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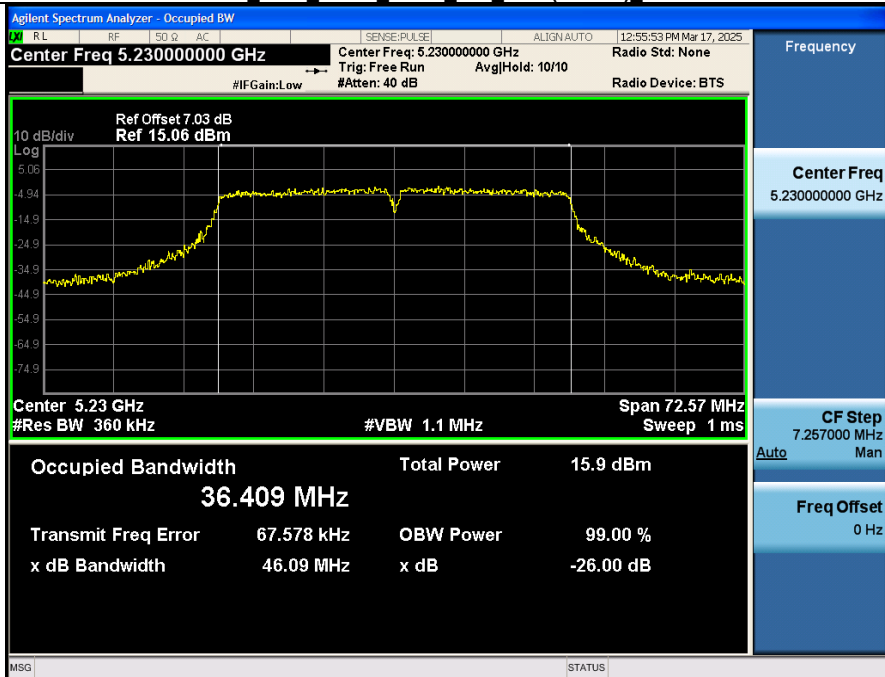
99% OCB NVNT ANT1 802 11ac(VHT40) 5190



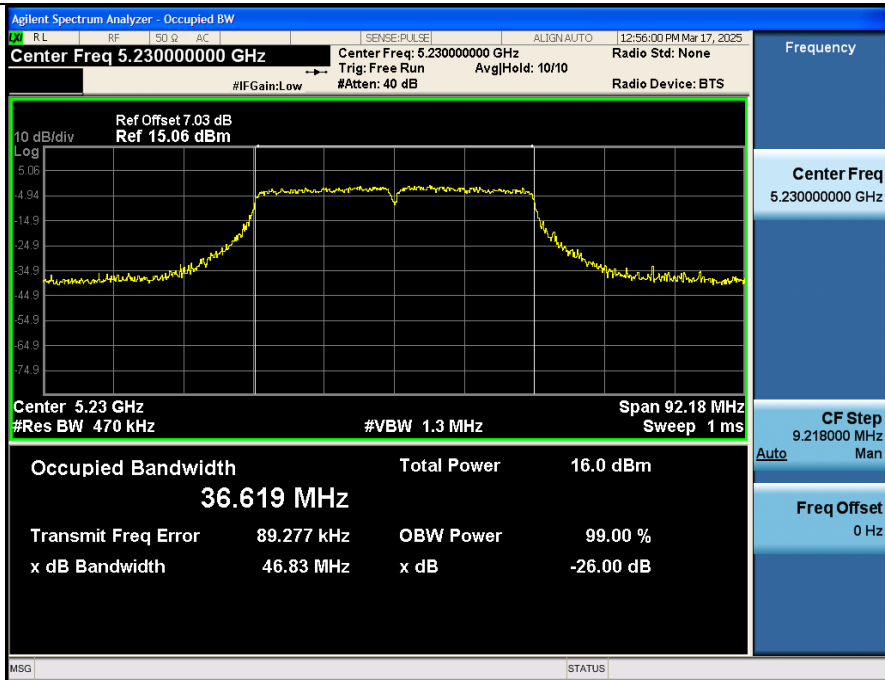
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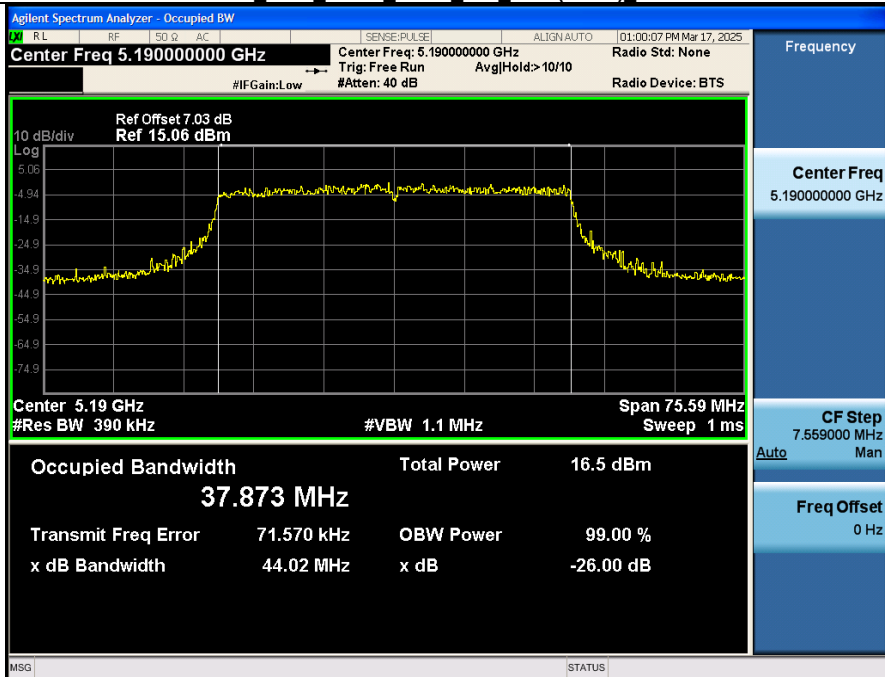
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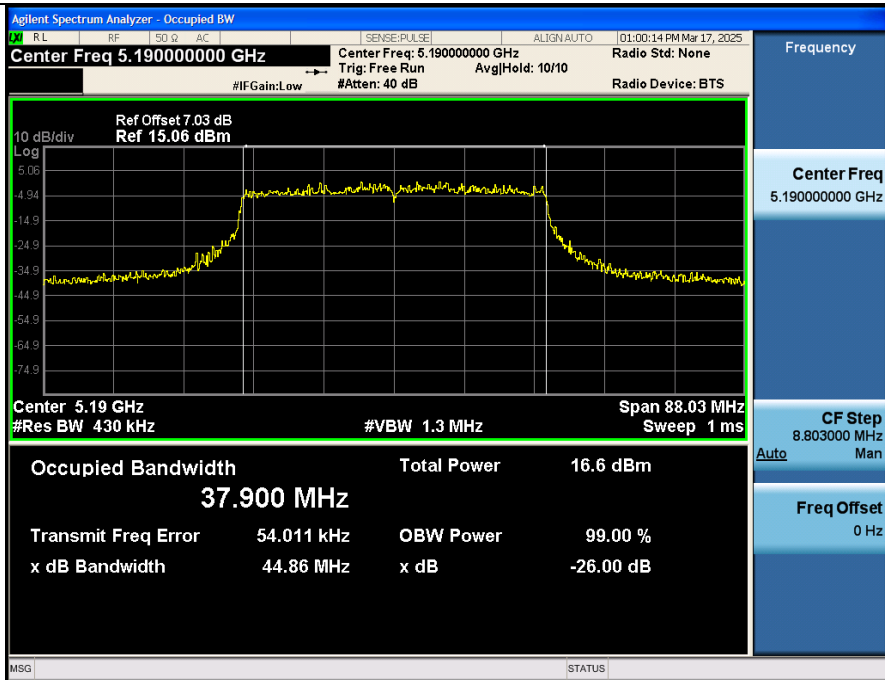
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99% OCB NVNT ANT1_802_11ax(HE40)_5190



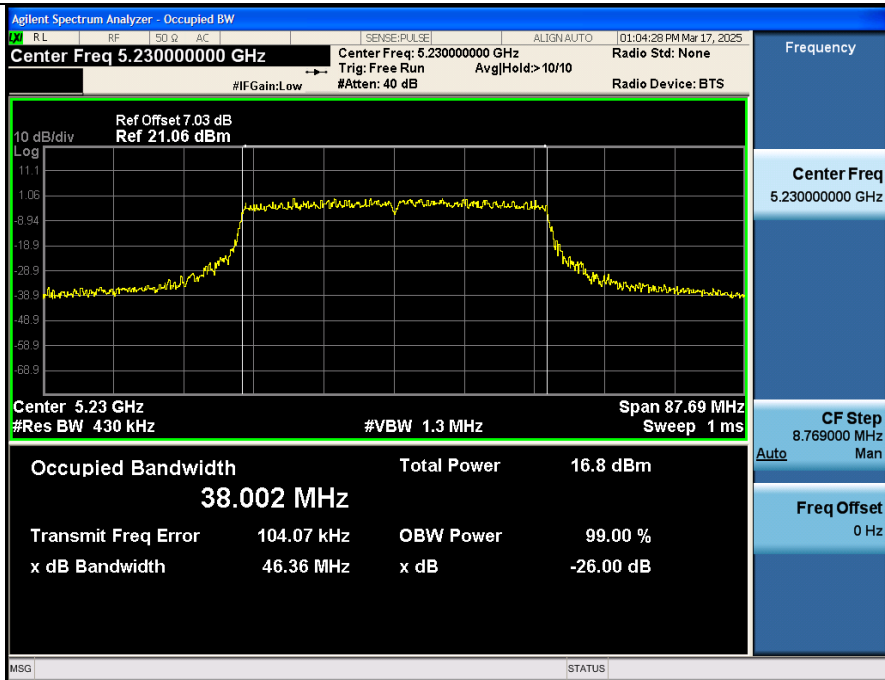
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99% OCB NVNT ANT1_802_11ax(HE40)_5230

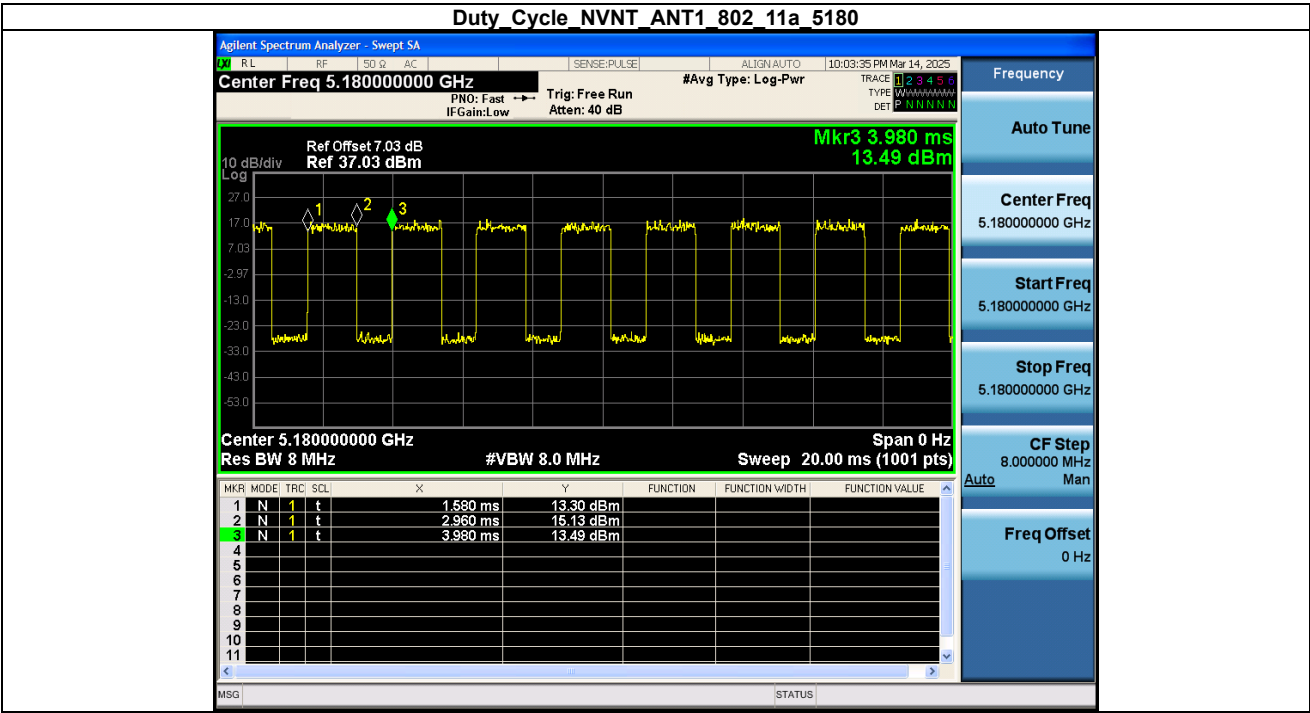


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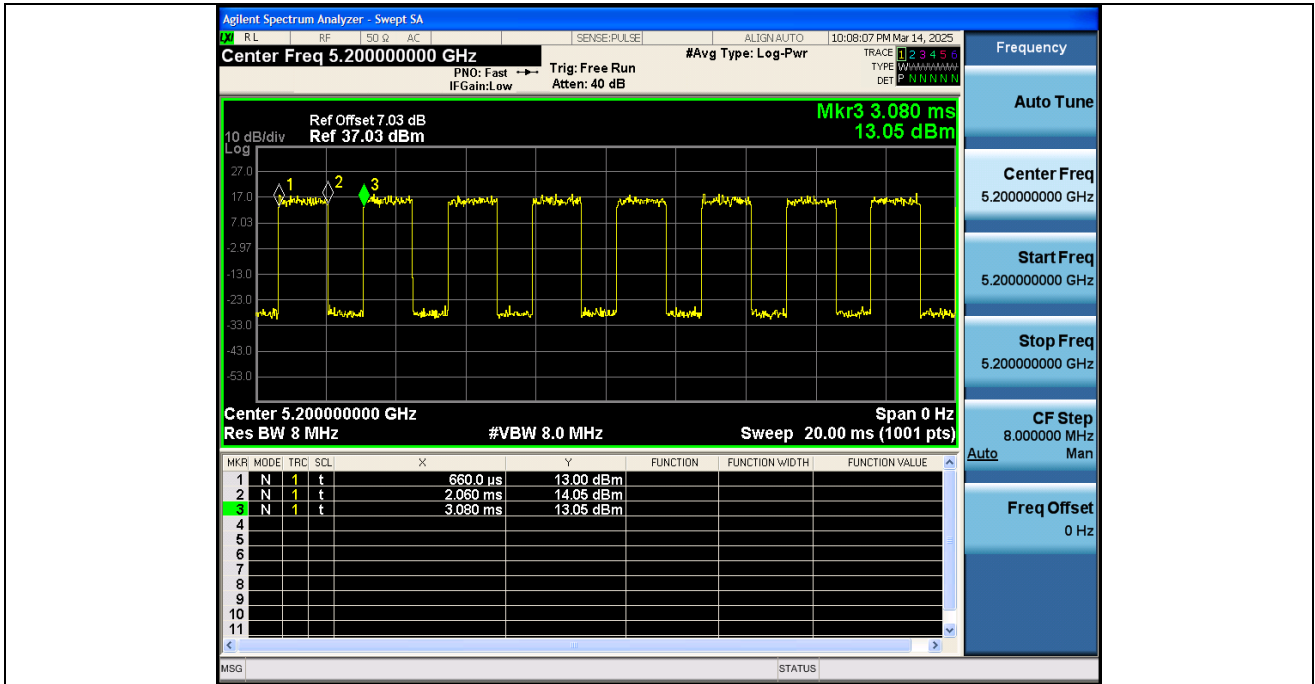


2. Duty Cycle

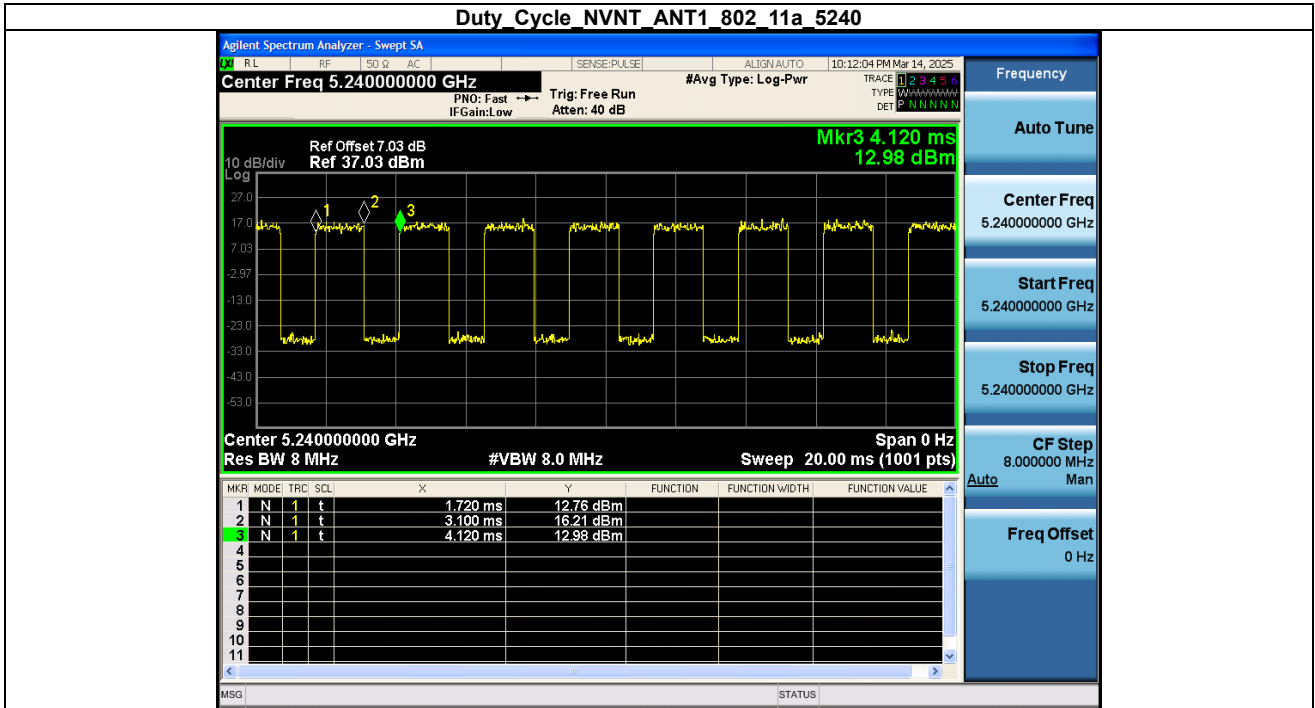
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	57.50	2.40
NVNT	ANT1	802.11a	5200.00	57.85	2.38
NVNT	ANT1	802.11a	5240.00	57.50	2.40
NVNT	ANT1	802.11n(HT20)	5180.00	83.28	0.79
NVNT	ANT1	802.11n(HT20)	5200.00	83.28	0.79
NVNT	ANT1	802.11n(HT20)	5240.00	83.28	0.79
NVNT	ANT1	802.11ac(VHT20)	5180.00	83.33	0.79
NVNT	ANT1	802.11ac(VHT20)	5200.00	83.33	0.79
NVNT	ANT1	802.11ac(VHT20)	5240.00	83.33	0.79
NVNT	ANT1	802.11ax(HE20)	5180.00	79.18	1.01
NVNT	ANT1	802.11ax(HE20)	5200.00	79.18	1.01
NVNT	ANT1	802.11ax(HE20)	5240.00	79.18	1.01
NVNT	ANT1	802.11n(HT40)	5190.00	82.77	0.82
NVNT	ANT1	802.11n(HT40)	5230.00	82.77	0.82
NVNT	ANT1	802.11ac(VHT40)	5190.00	82.77	0.82
NVNT	ANT1	802.11ac(VHT40)	5230.00	82.77	0.82
NVNT	ANT1	802.11ax(HE40)	5190.00	79.18	1.01
NVNT	ANT1	802.11ax(HE40)	5230.00	79.51	1.00



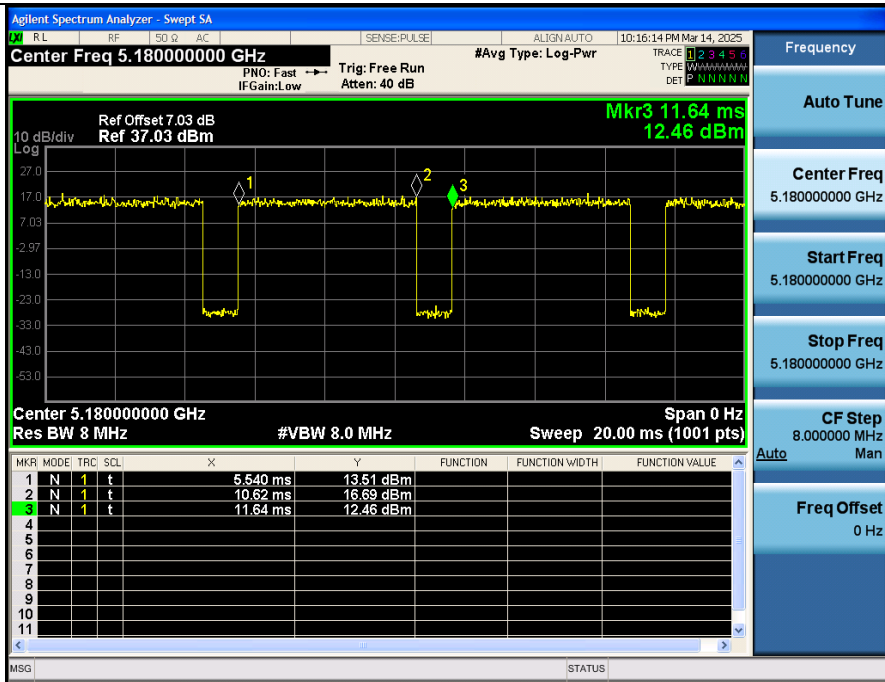
Duty Cycle NVNT ANT1 802 11a 5200



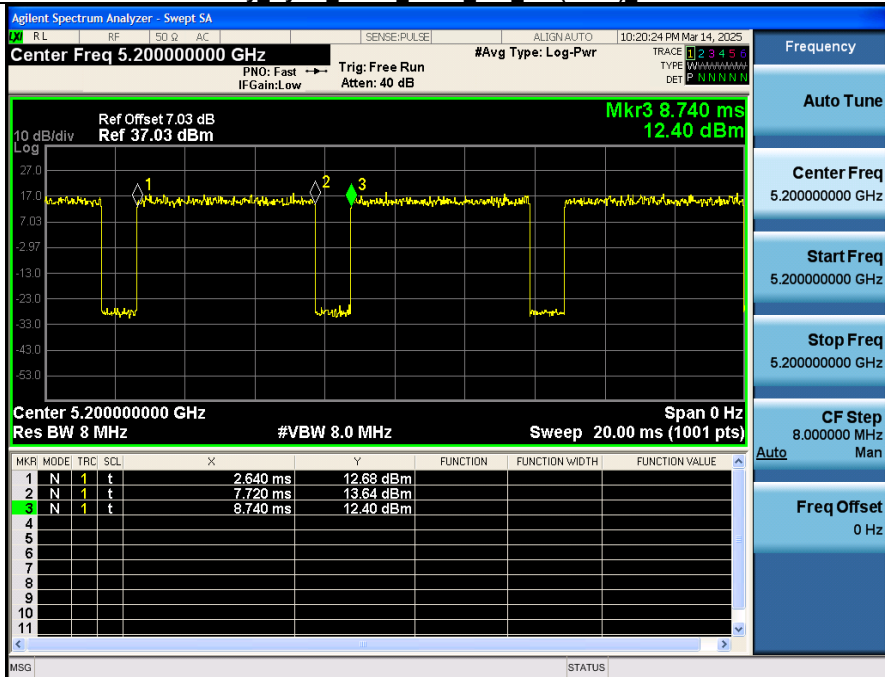
Duty Cycle NVNT ANT1 802_11a 5240



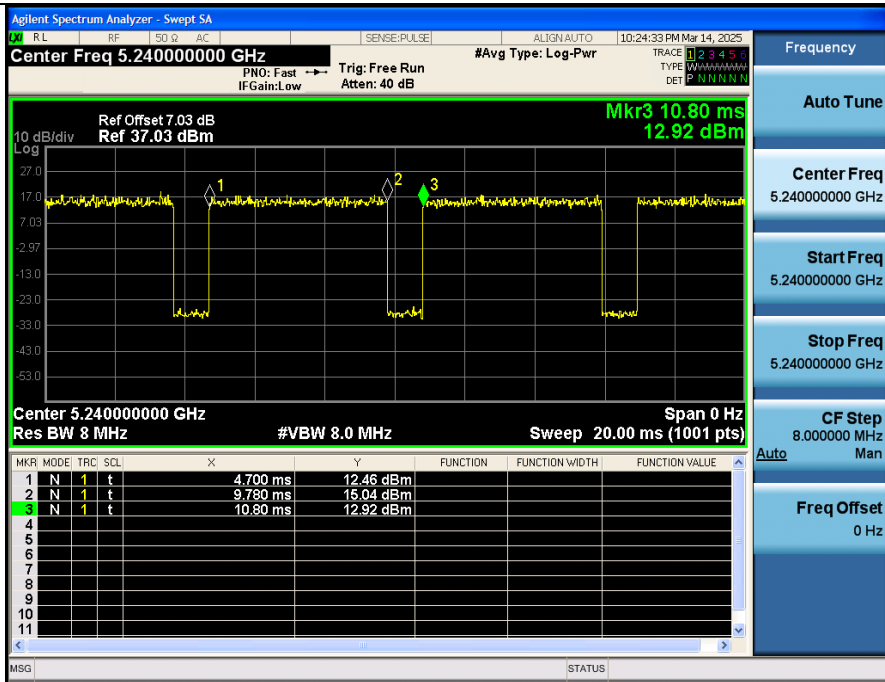
Duty Cycle NVNT ANT1 802_11n(HT20)_5180



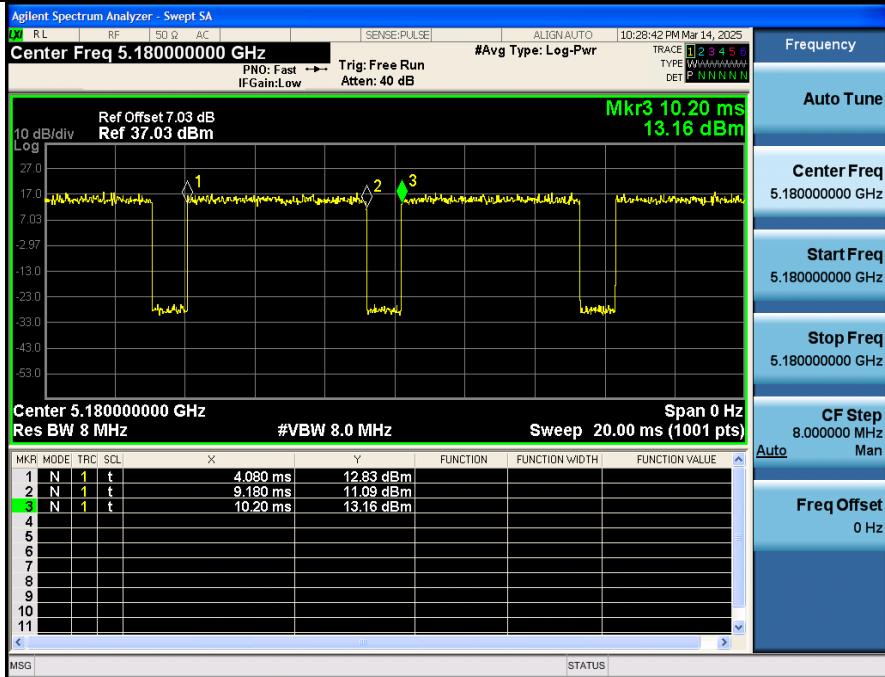
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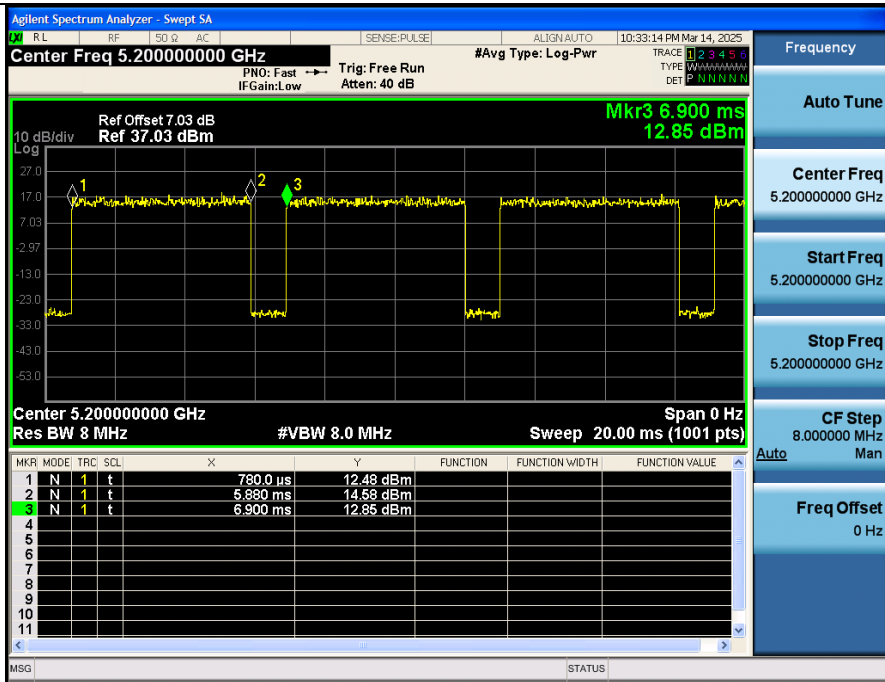
Duty Cycle NVNT ANT1 802 11n(HT20) 5240



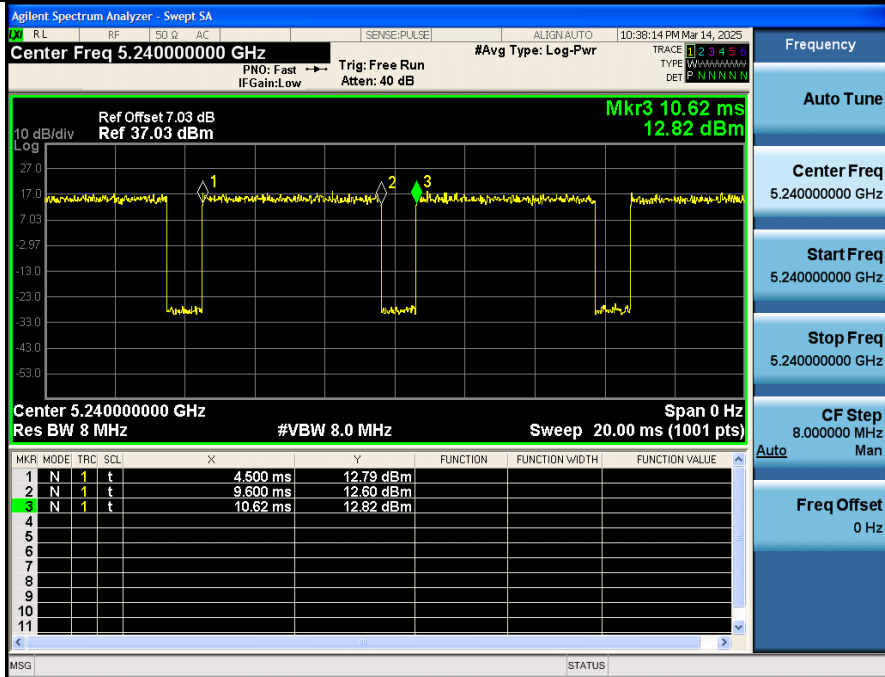
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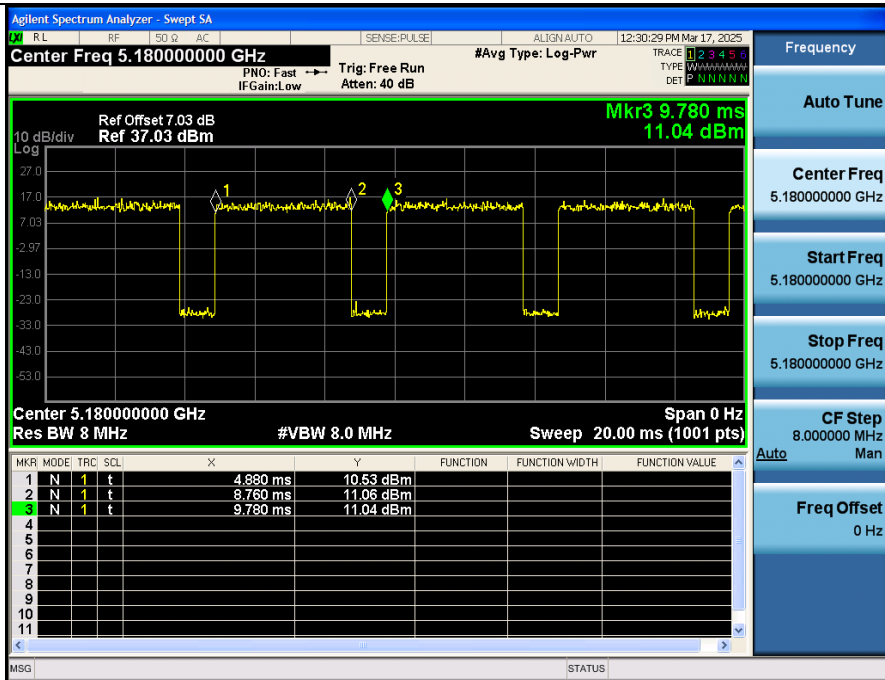
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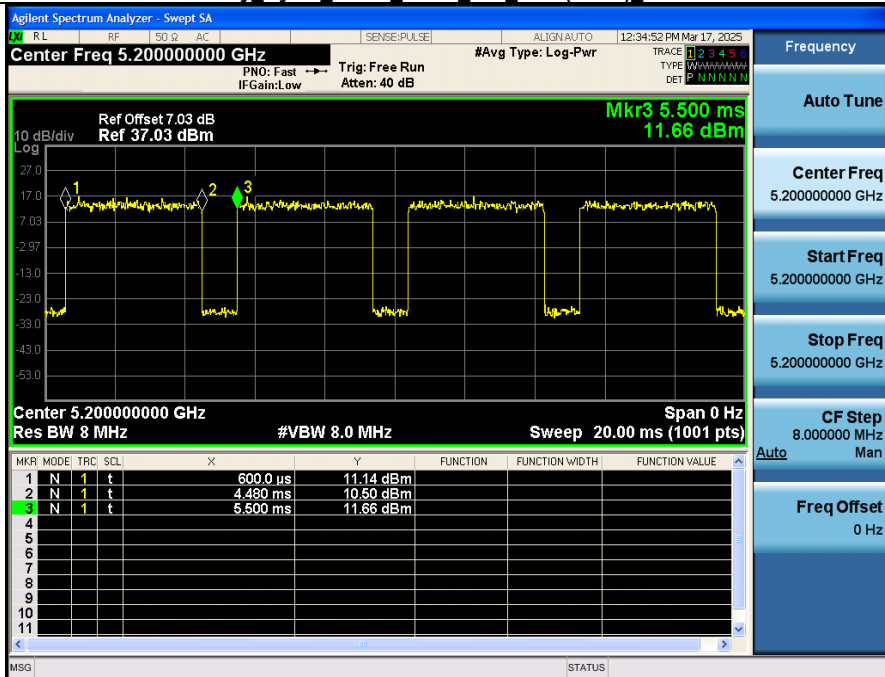
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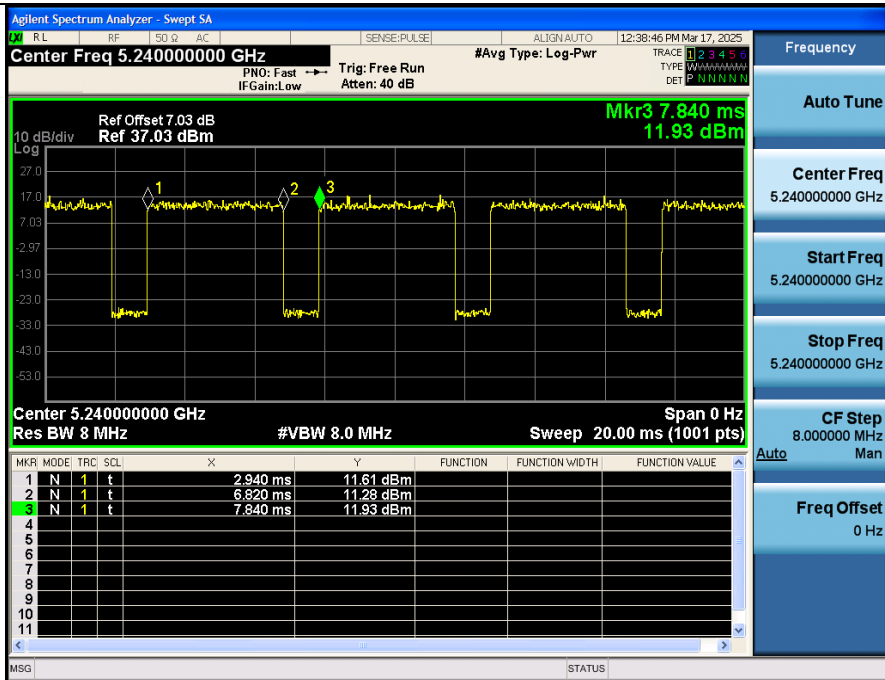
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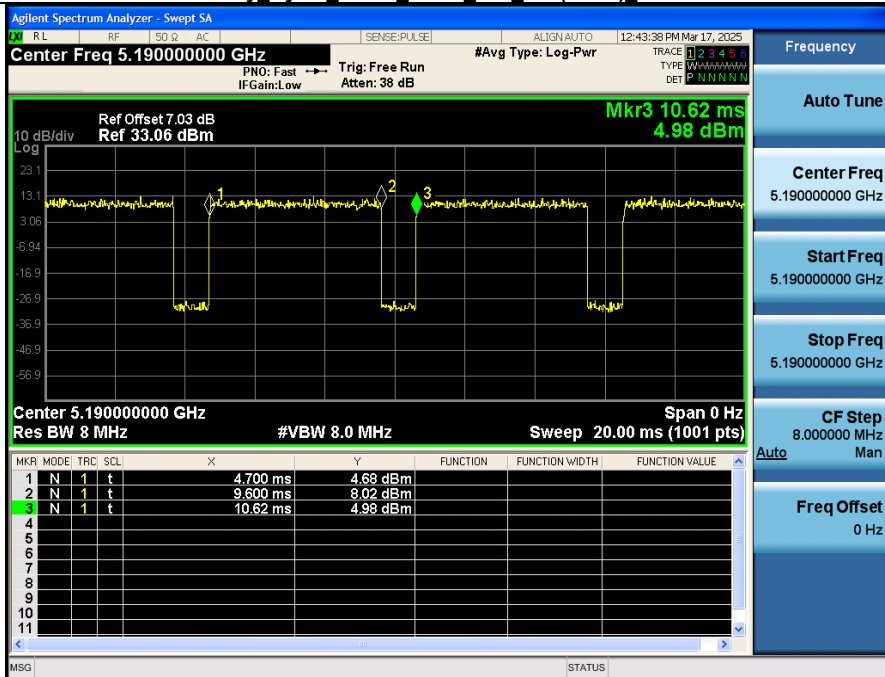
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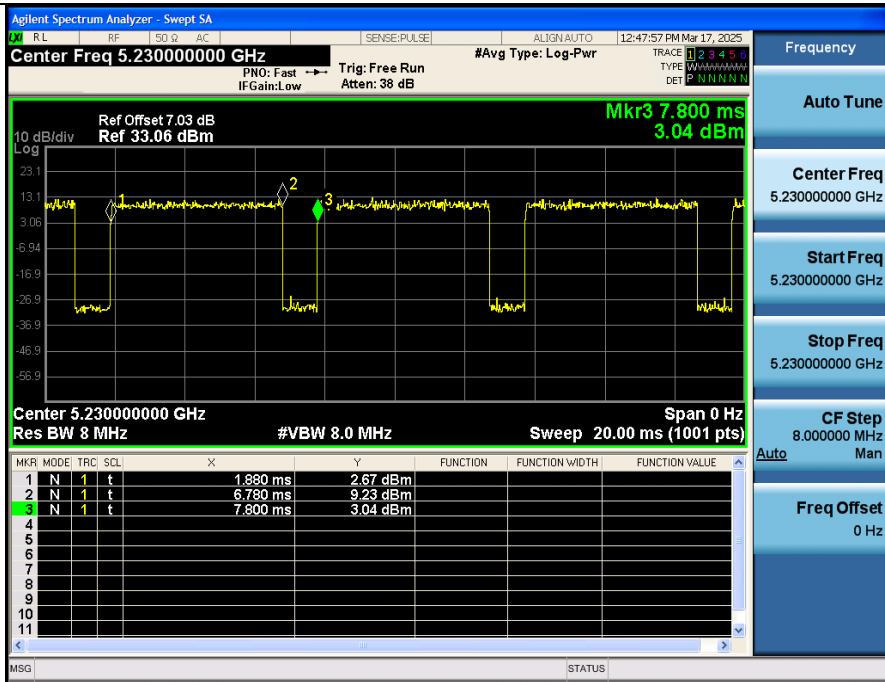
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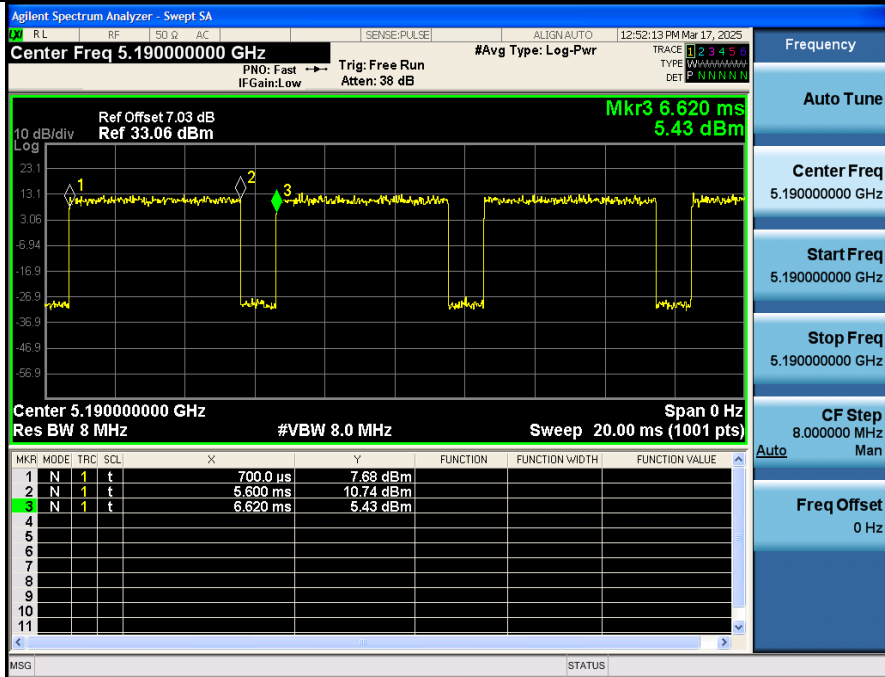
Duty Cycle NVNT ANT1 802 11n(HT40) 5190



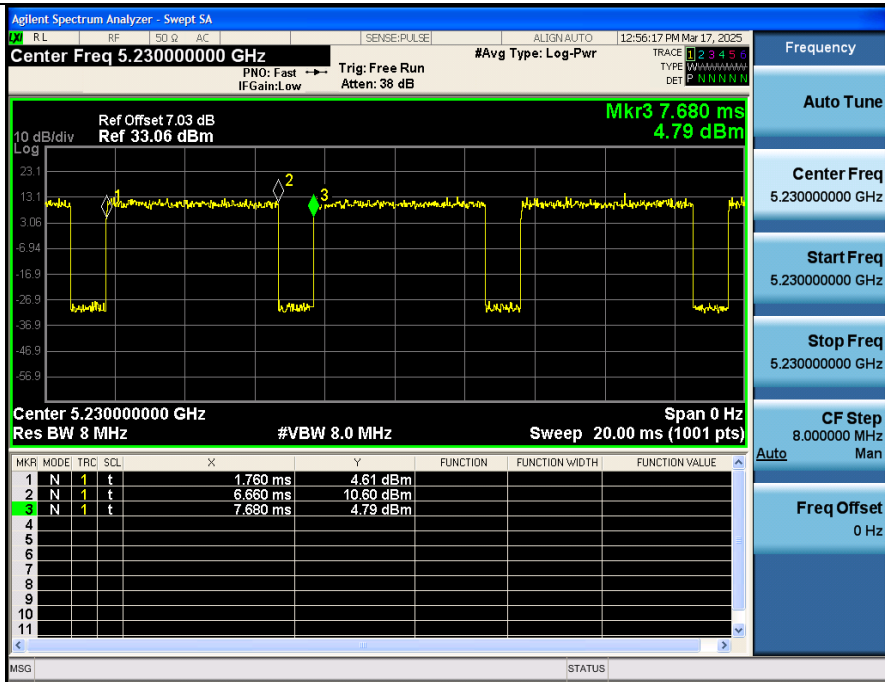
Duty Cycle NVNT ANT1 802 11n(HT40) 5230



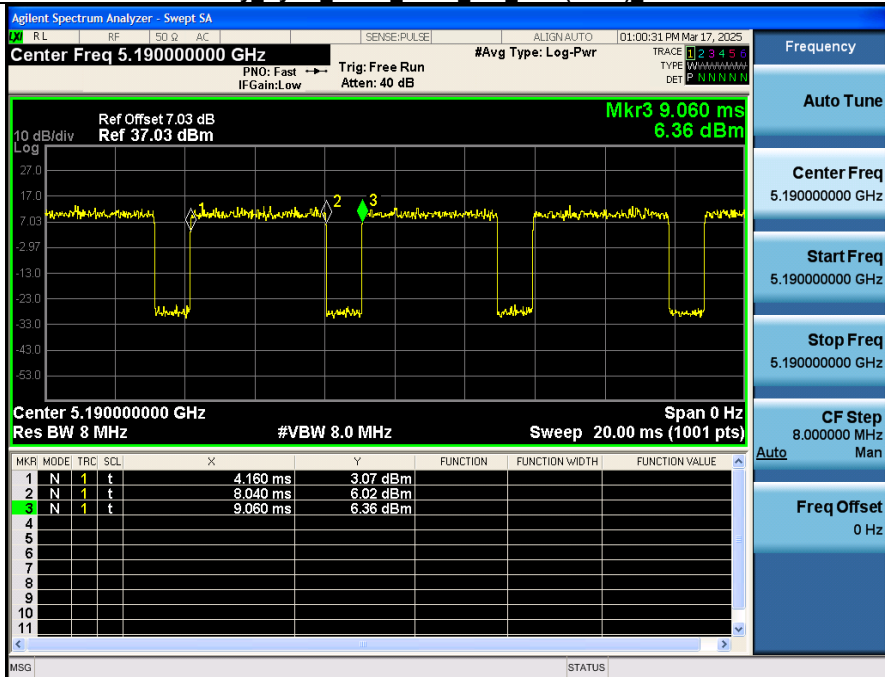
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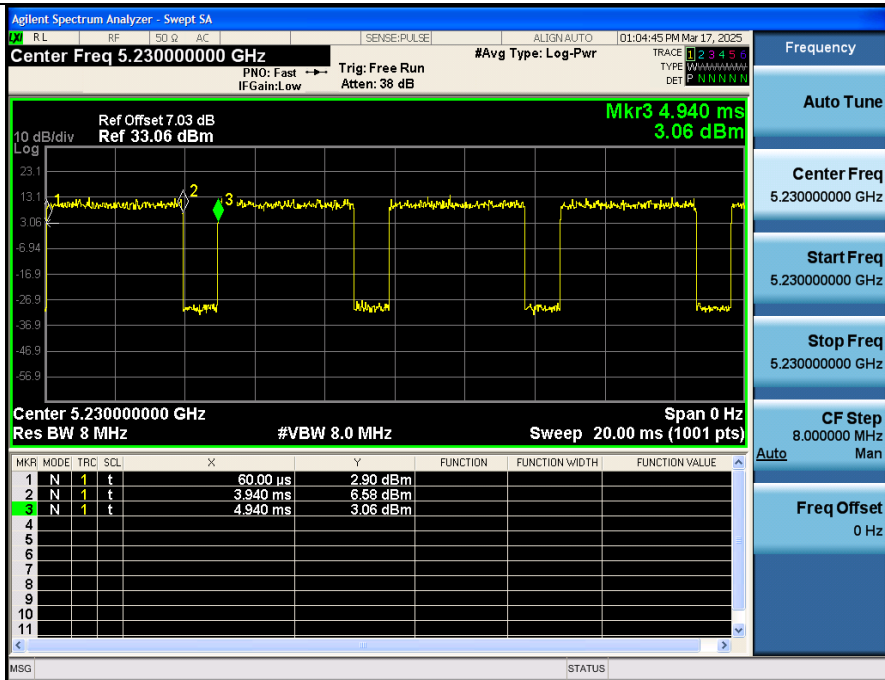
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Duty Cycle NVNT ANT1 802 11ax(HE40) 5190

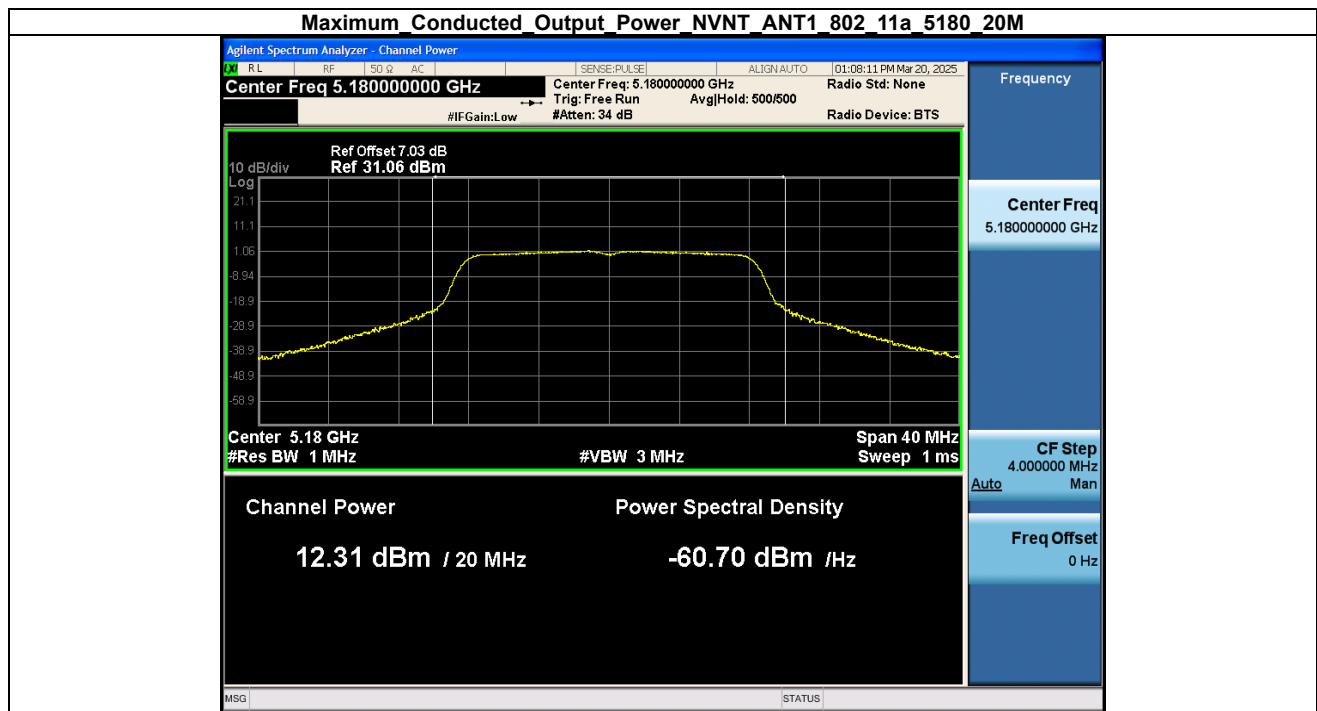


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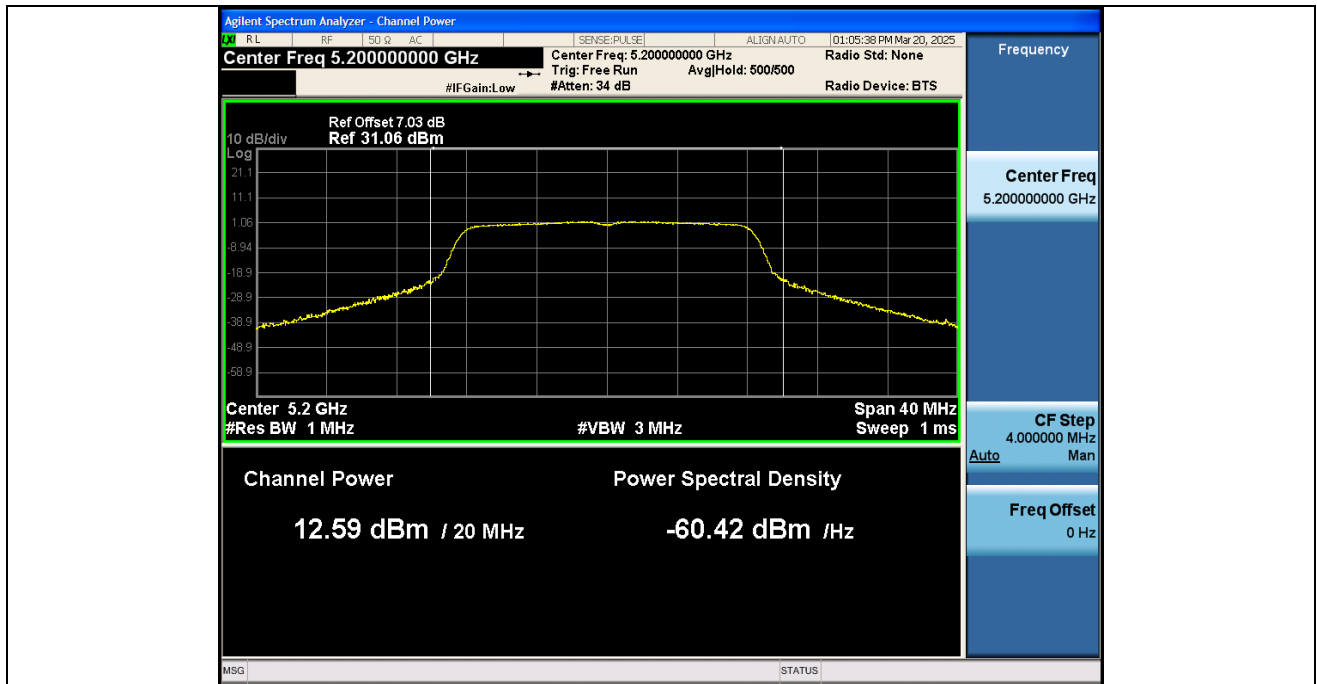


3. Maximum Conducted Output Power

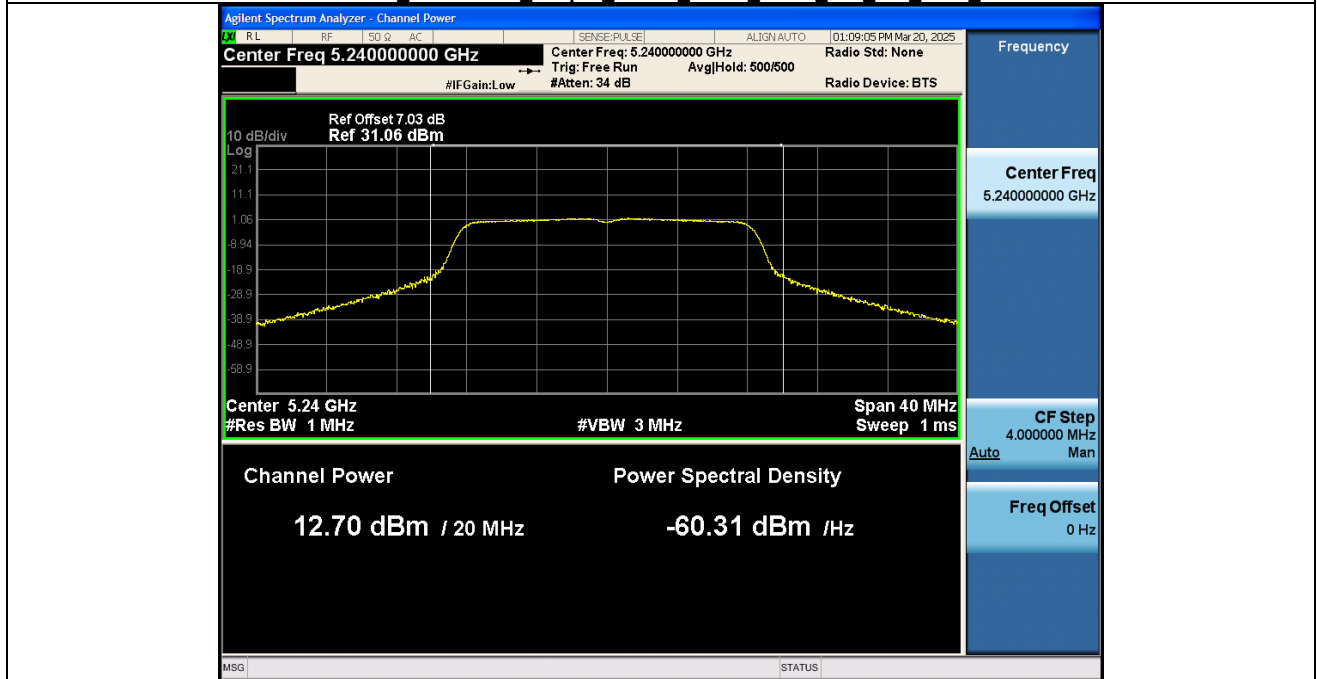
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	12.31	2.40	14.71	24	Pass
NVNT	ANT1	802.11a	5200.00	12.59	2.38	14.97	24	Pass
NVNT	ANT1	802.11a	5240.00	12.70	2.40	15.10	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	12.52	0.79	13.31	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	12.72	0.79	13.51	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	12.71	0.79	13.50	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	12.48	0.79	13.27	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	12.73	0.79	13.52	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	12.71	0.79	13.50	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	12.10	1.01	13.11	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	12.42	1.01	13.43	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	12.44	1.01	13.45	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	11.64	0.82	12.46	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	11.52	0.82	12.34	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	11.83	0.82	12.65	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	12.20	0.82	13.02	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	11.54	1.01	12.55	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	11.77	1.00	12.77	24	Pass



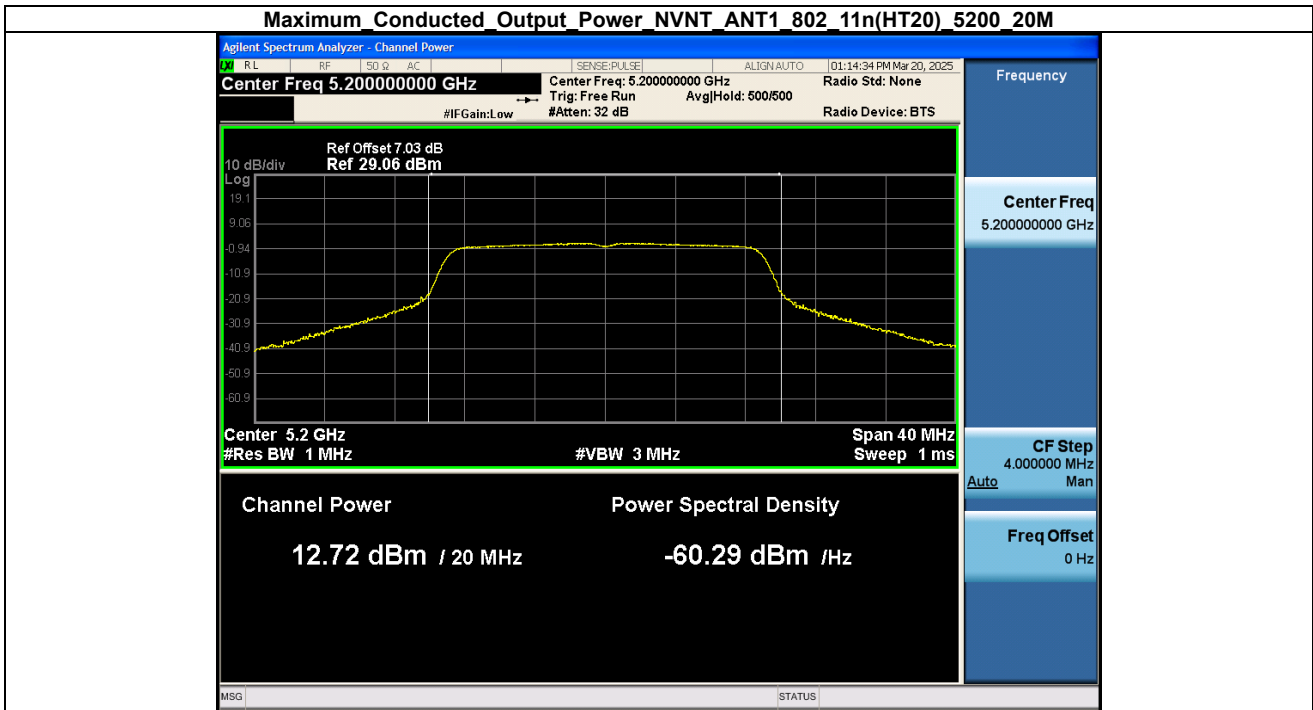
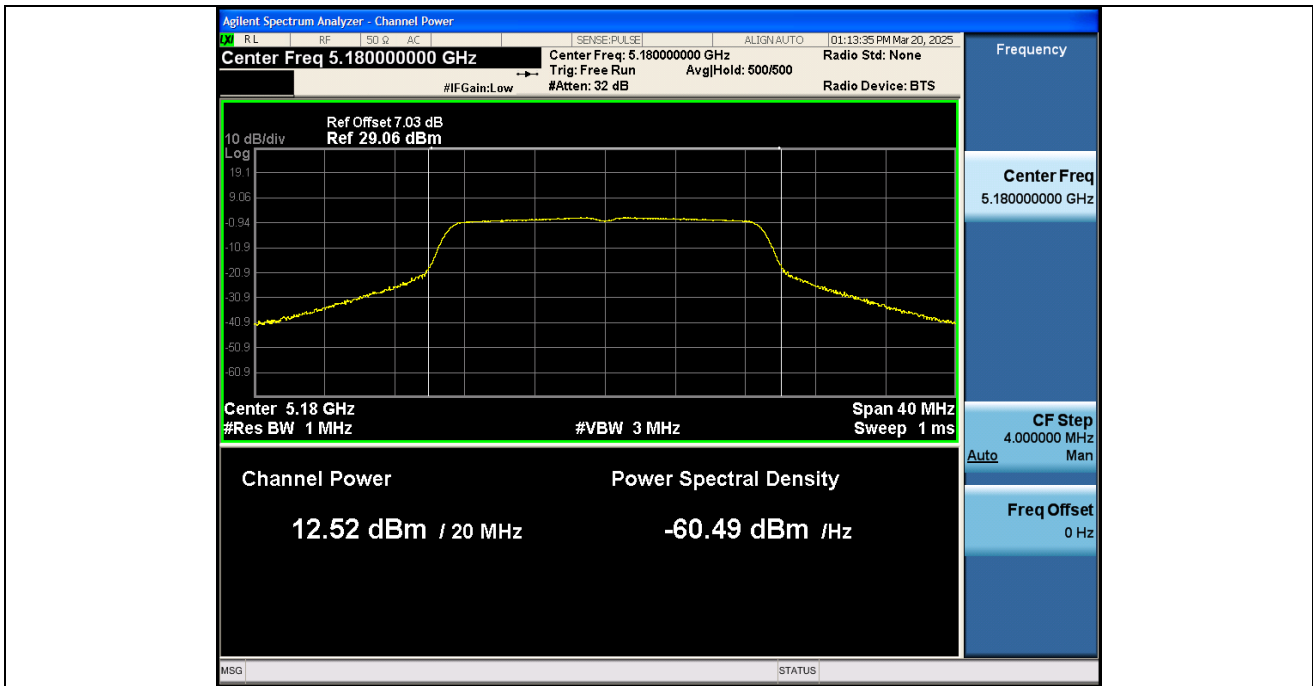
Maximum Conducted Output Power NVNT ANT1 802 11a 5200 20M



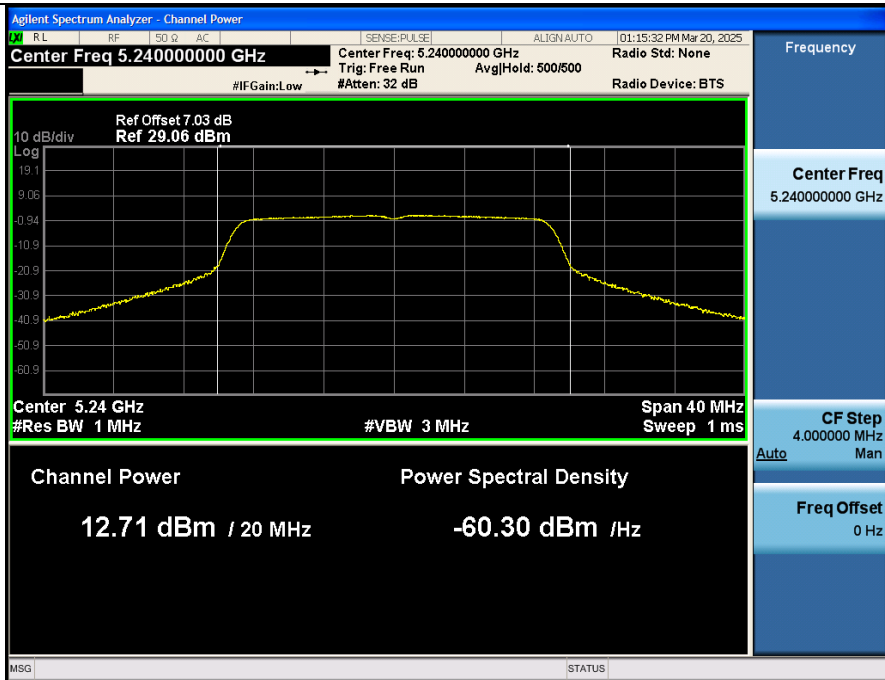
Maximum Conducted Output Power NVNT ANT1 802 11a 5240 20M



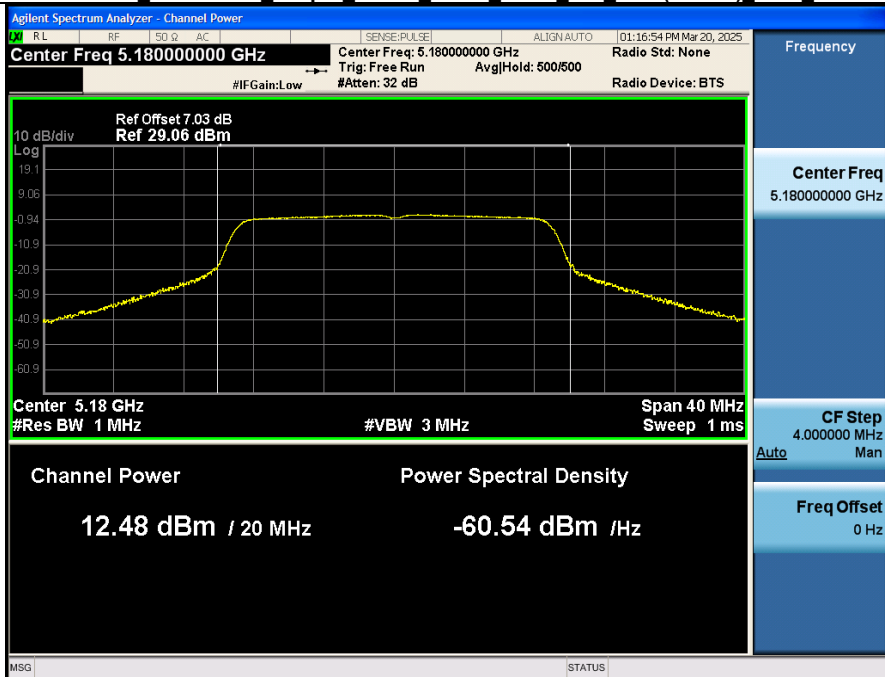
Maximum Conducted Output Power NVNT ANT1 802 11n(HT20) 5180 20M



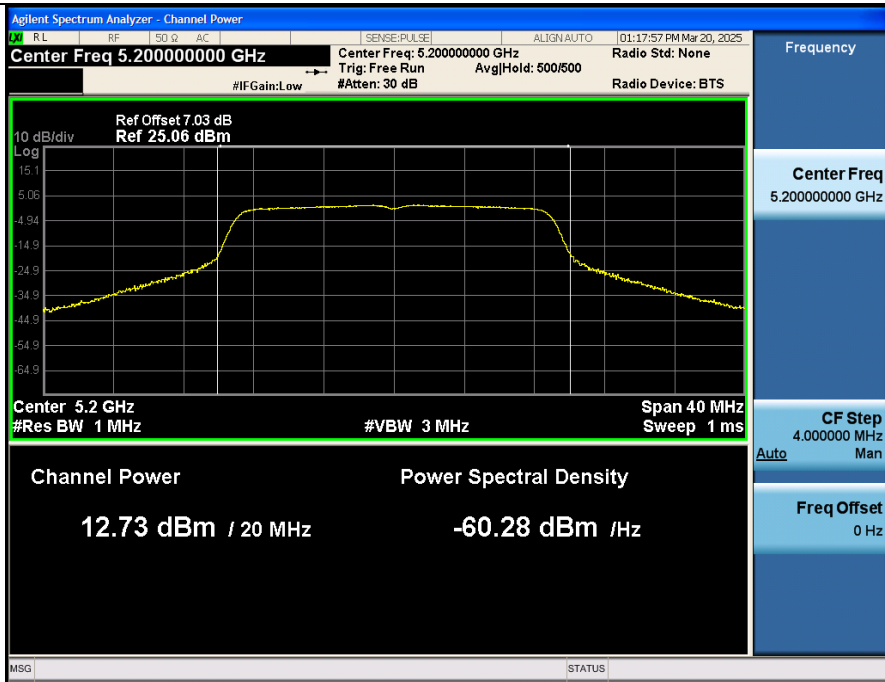
Maximum Conducted Output Power NVNT ANT1 802 11n(HT20) 5240 20M



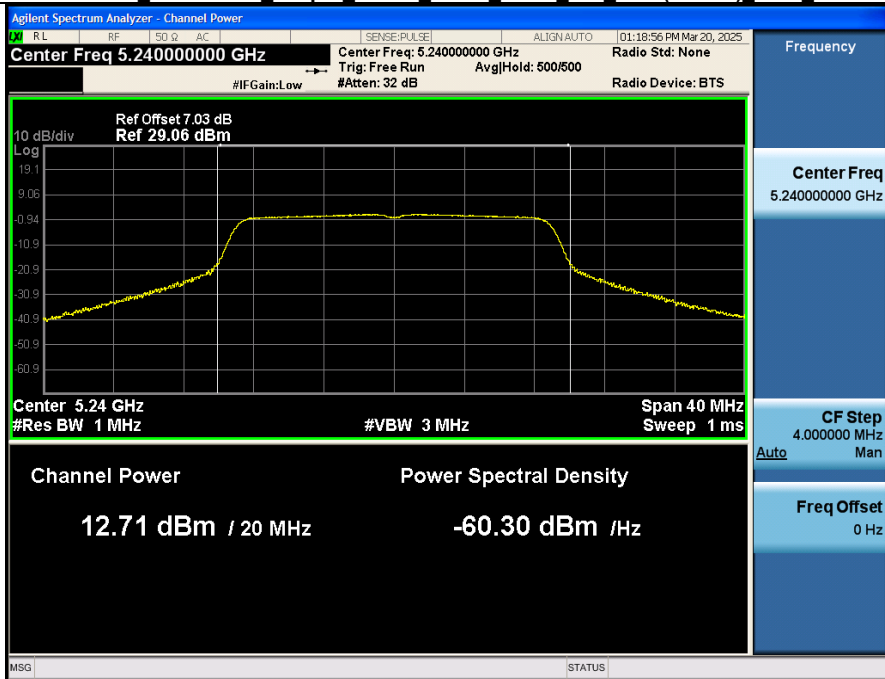
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT20) 5180 20M



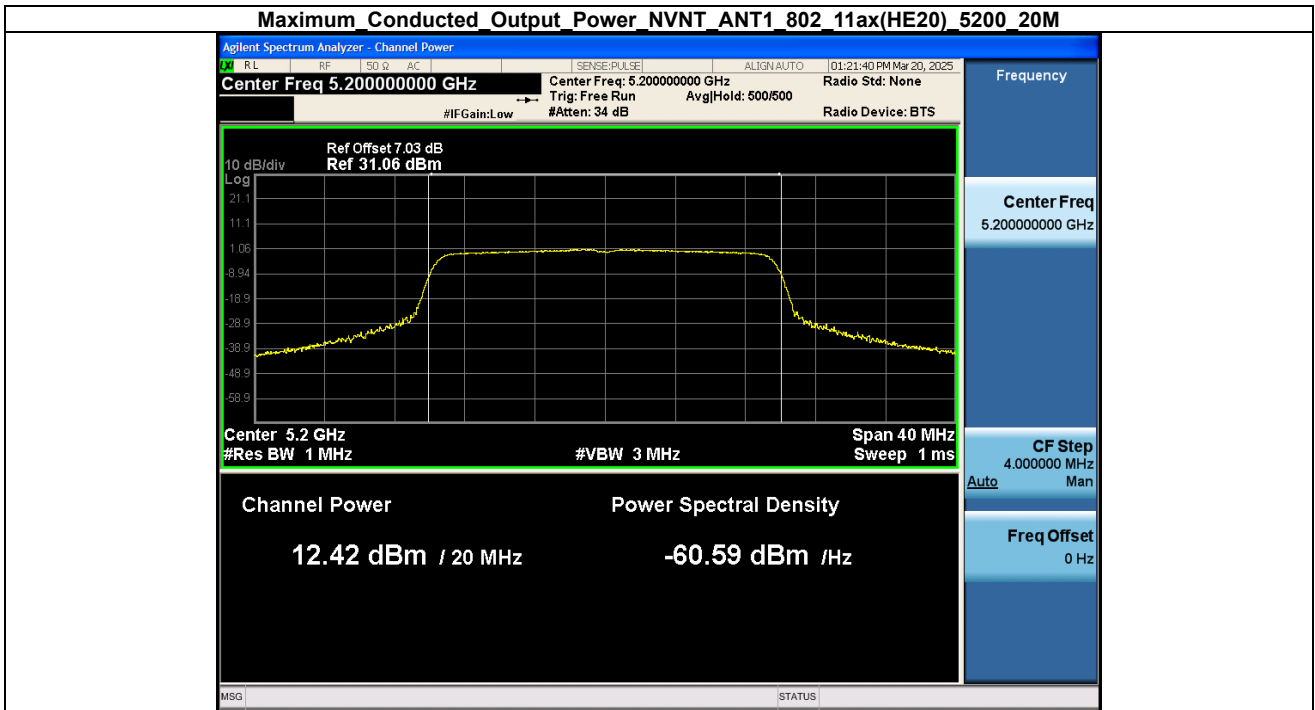
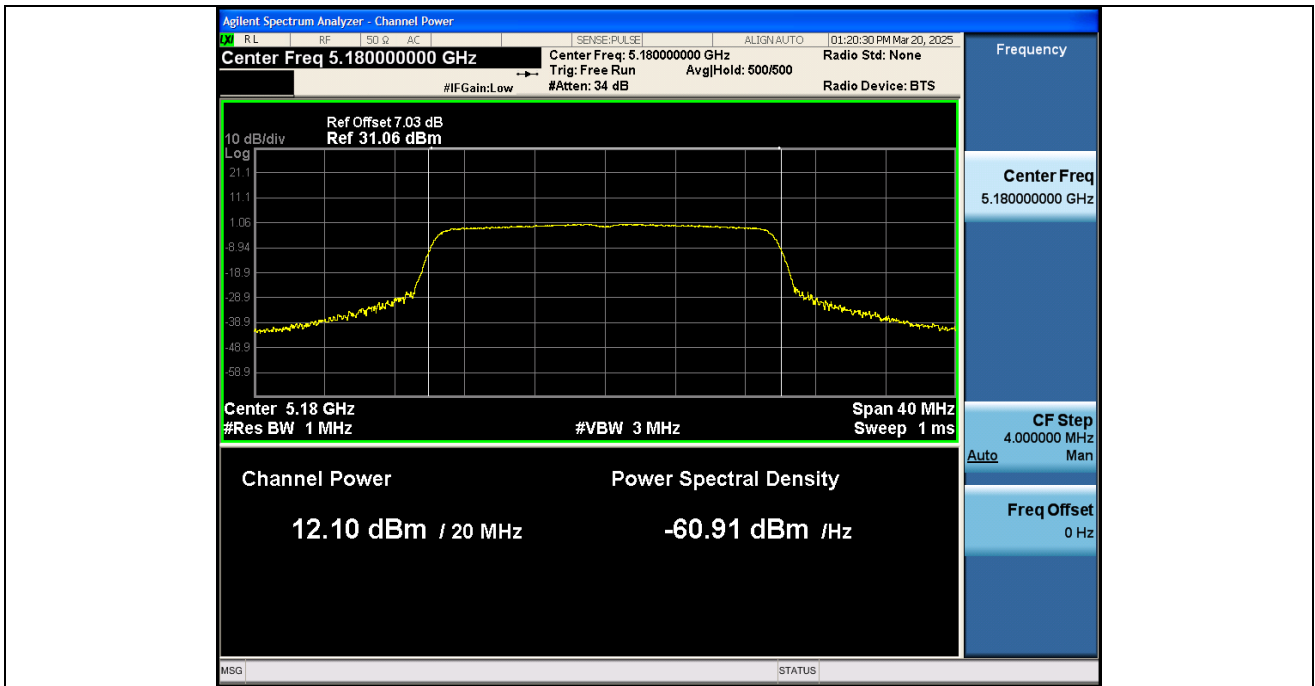
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT20) 5200 20M



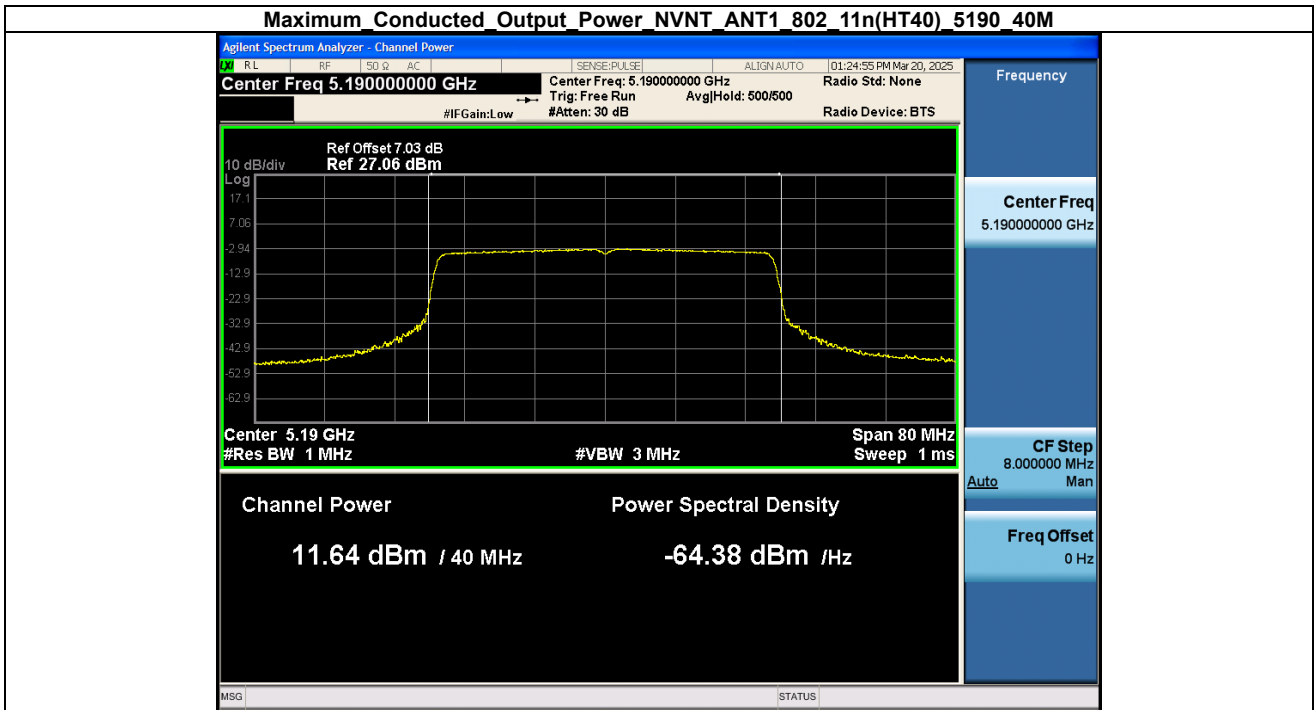
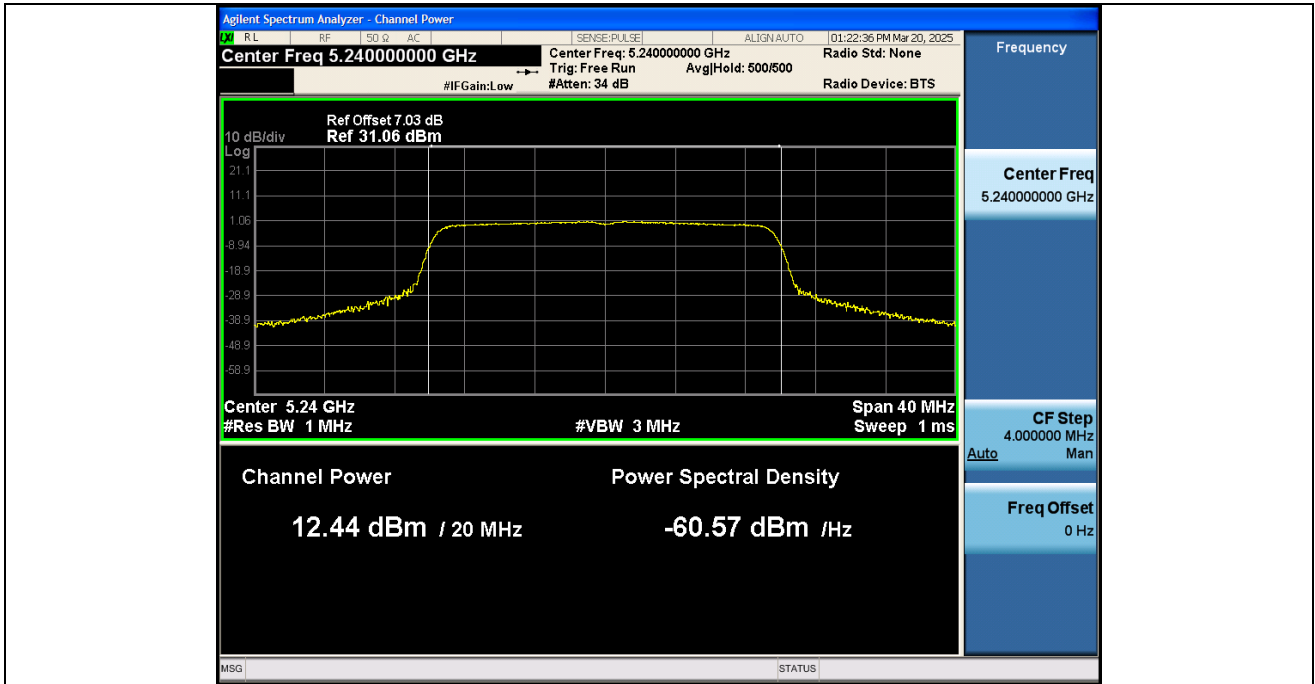
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT20) 5240 20M



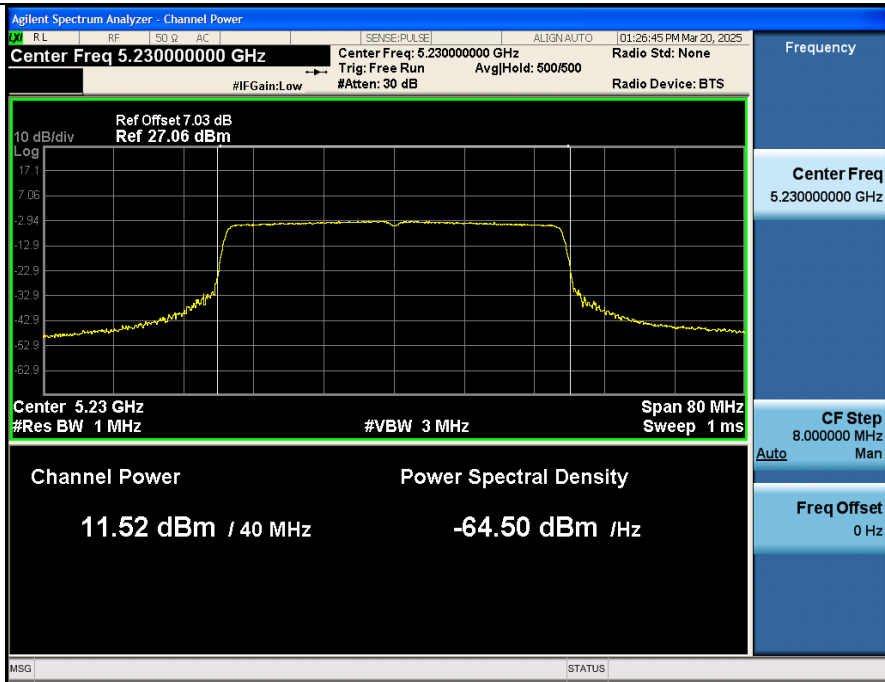
Maximum Conducted Output Power NVNT ANT1 802 11ax(HE20) 5180 20M



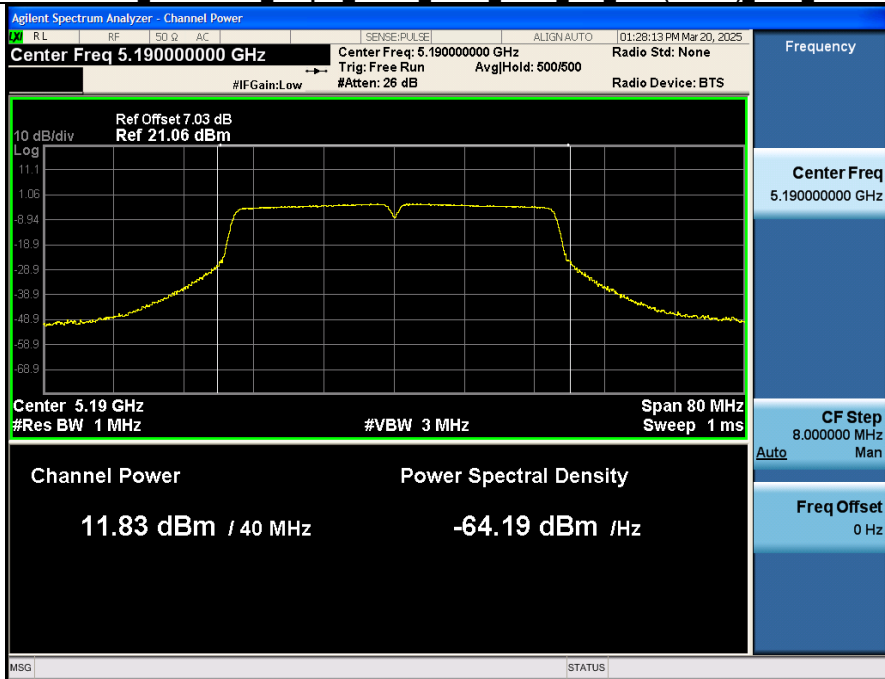
Maximum Conducted Output Power NVNT ANT1 802 11ax(HE20) 5240 20M



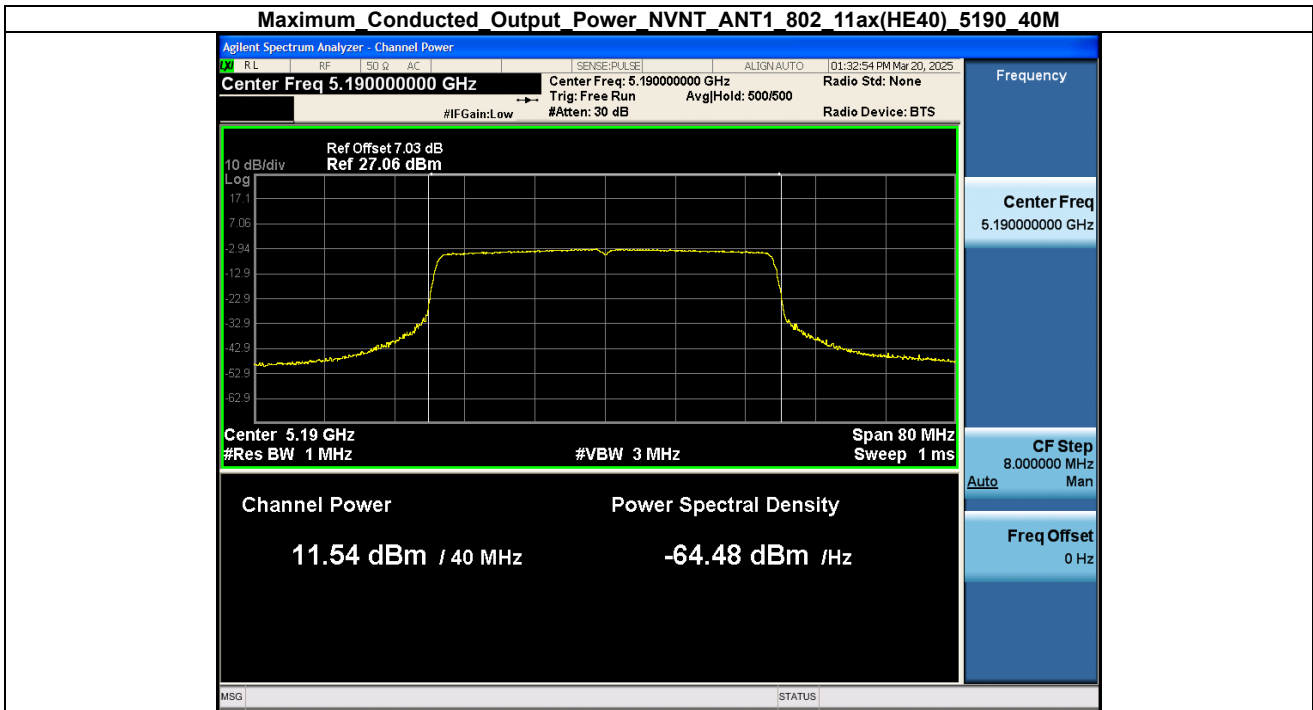
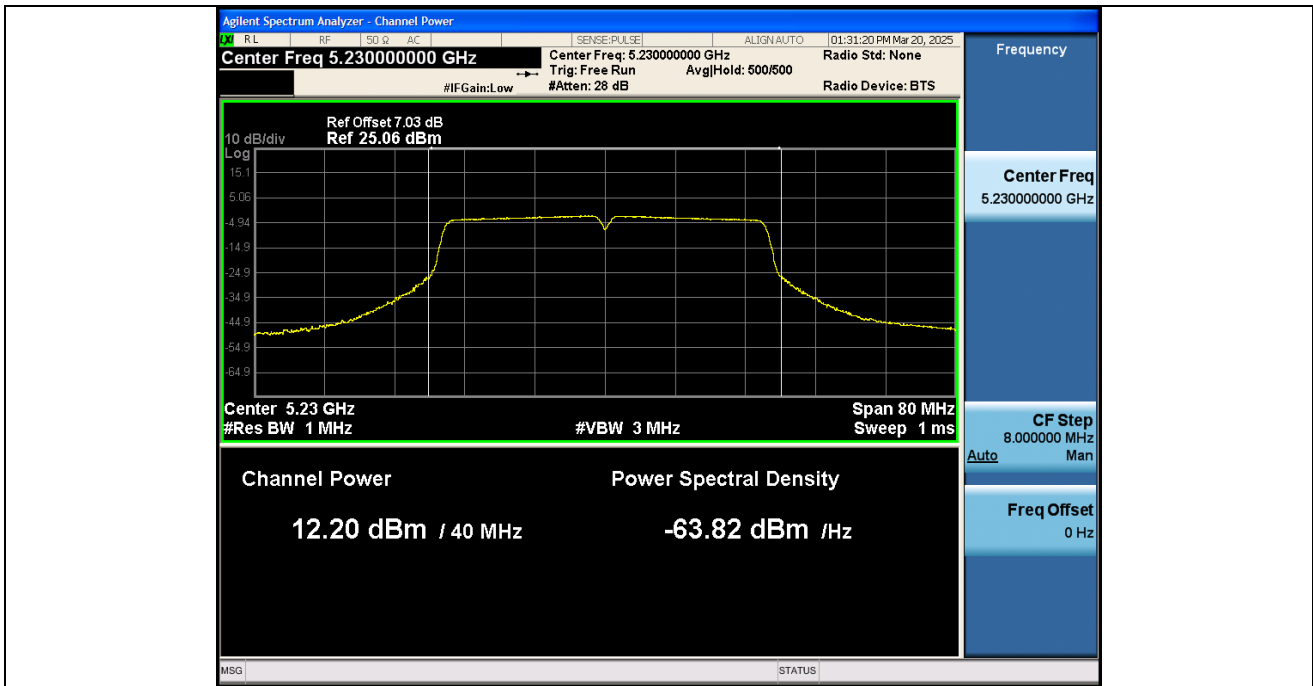
Maximum Conducted Output Power NVNT ANT1 802 11n(HT40) 5230 40M



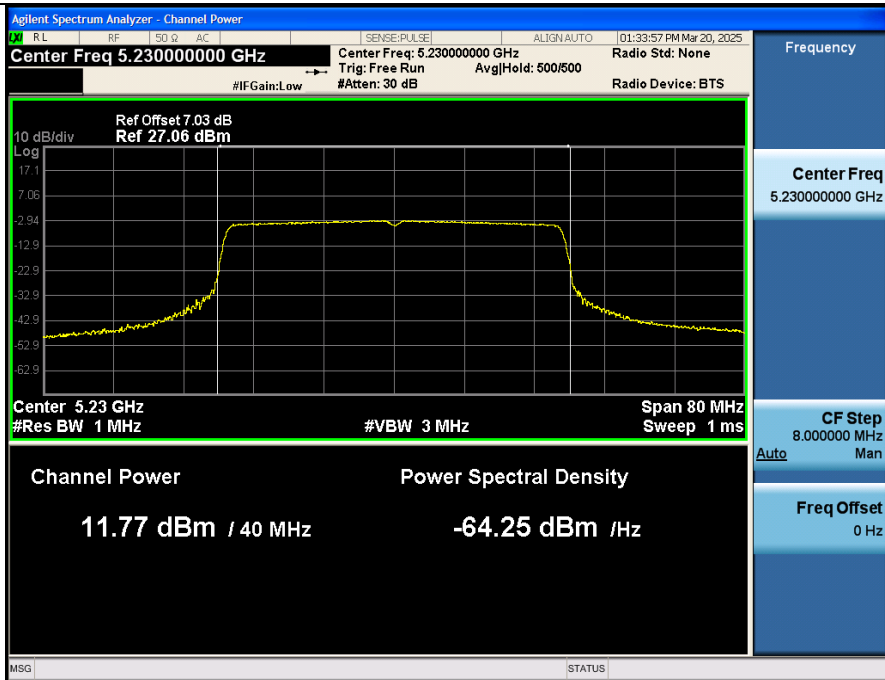
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT40) 5190 40M



Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT40) 5230 40M

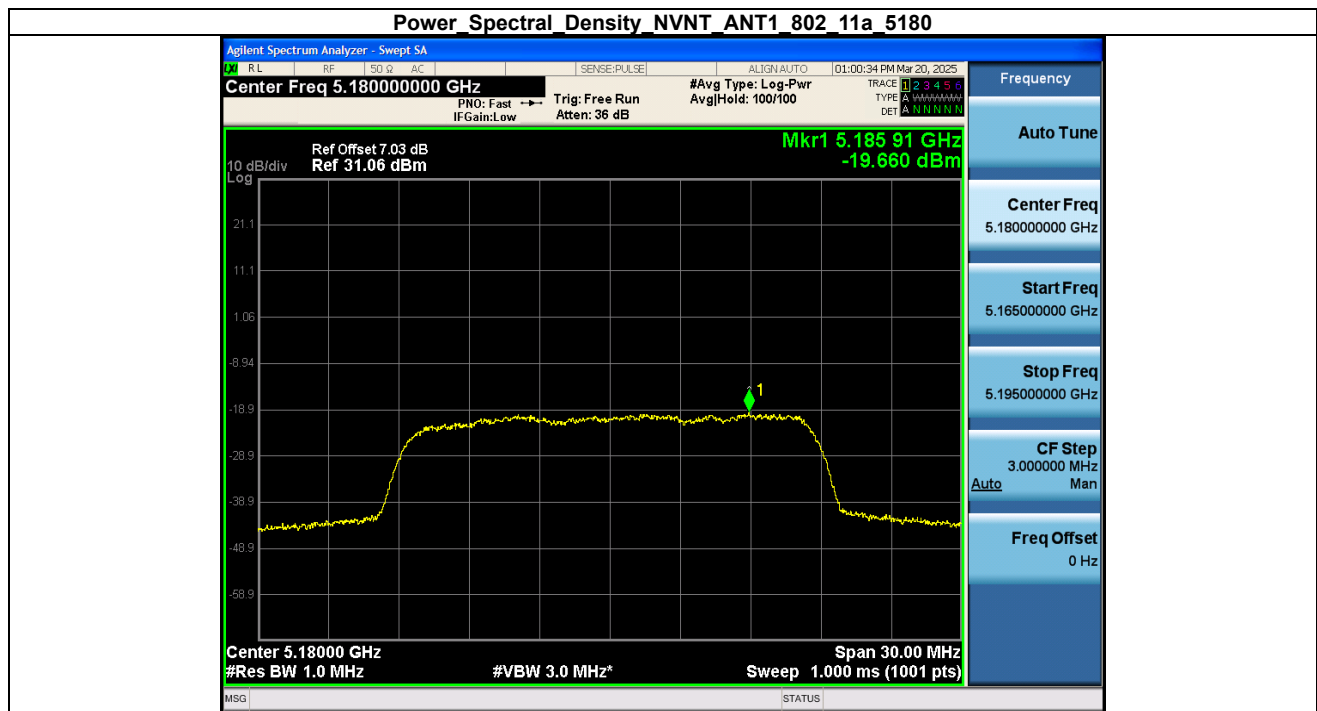


Maximum Conducted Output Power NVNT ANT1 802 11ax(HE40) 5230 40M

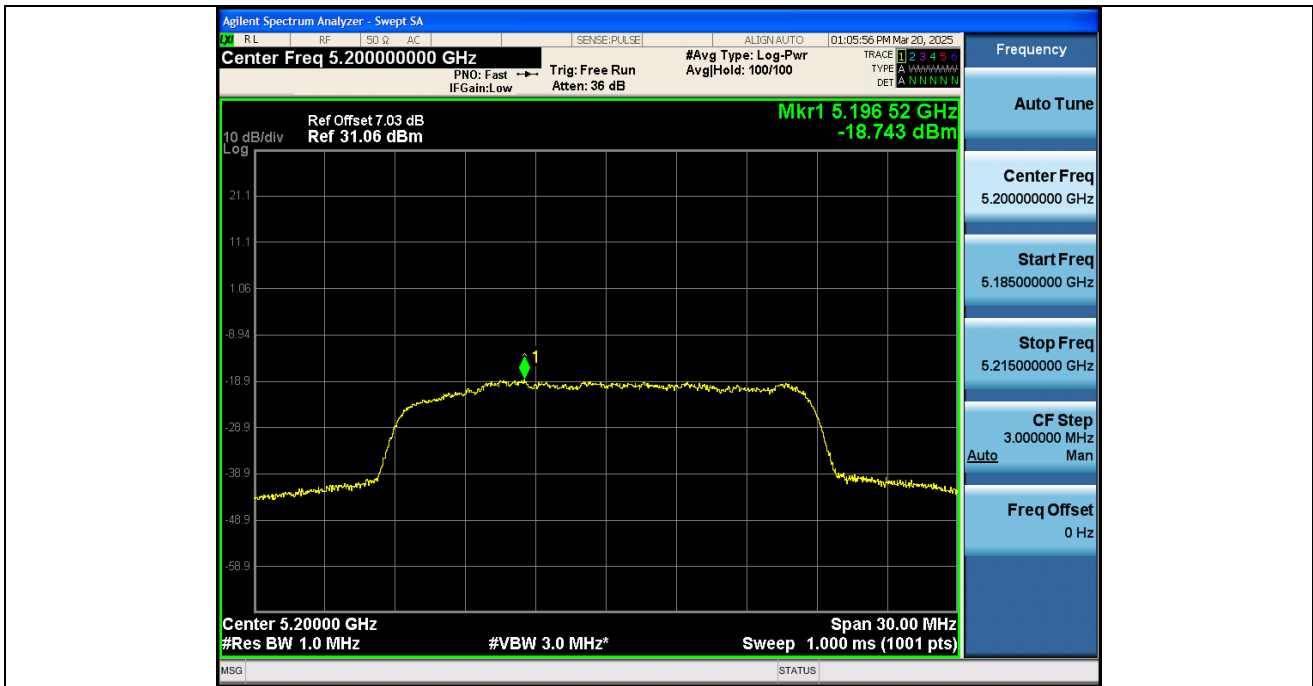


4. Power Spectral Density

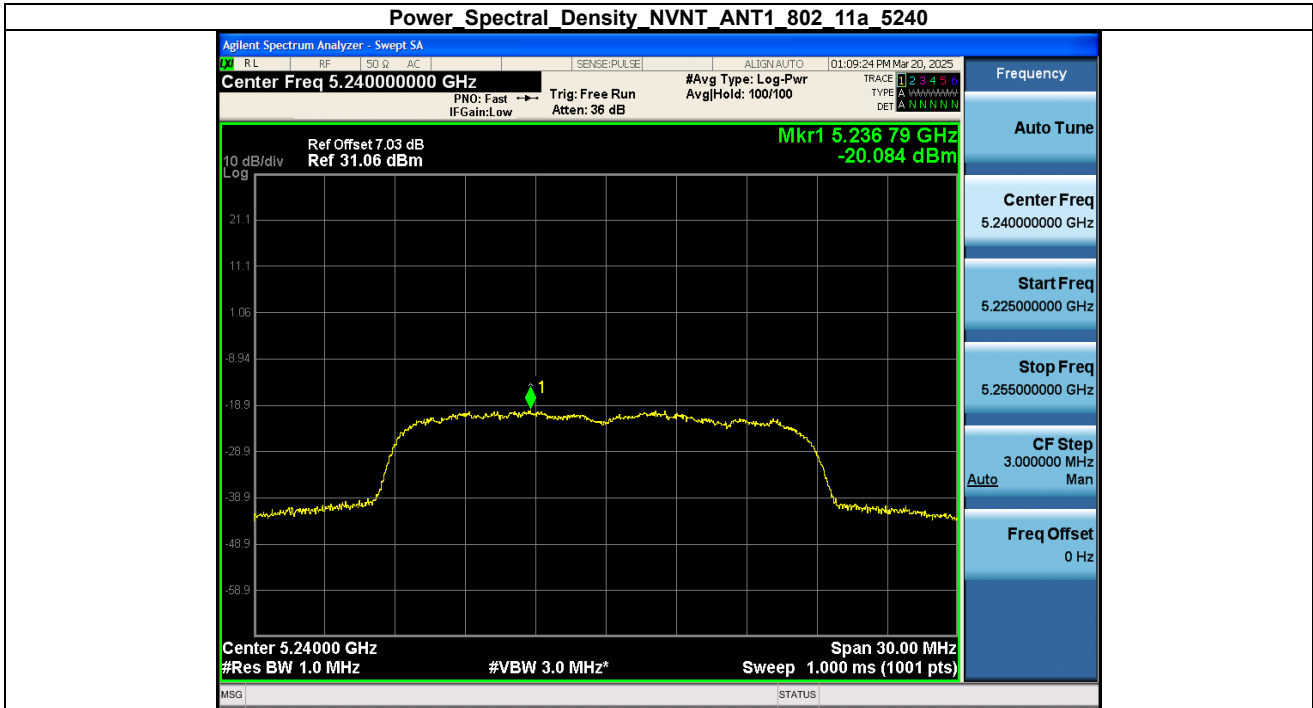
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-19.66	2.40	-17.26	11	Pass
NVNT	ANT1	802.11a	5200.00	-18.74	2.38	-16.36	11	Pass
NVNT	ANT1	802.11a	5240.00	-20.08	2.40	-17.68	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-8.20	0.79	-7.41	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-9.00	0.79	-8.21	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-7.55	0.79	-6.76	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-7.75	0.79	-6.96	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-9.21	0.79	-8.42	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-9.06	0.79	-8.27	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-10.79	1.01	-9.78	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-12.06	1.01	-11.05	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-9.99	1.01	-8.98	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-13.93	0.82	-13.11	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-16.43	0.82	-15.61	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-11.05	0.82	-10.23	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-11.46	0.82	-10.64	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-15.24	1.01	-14.23	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-15.51	1.00	-14.51	11	Pass



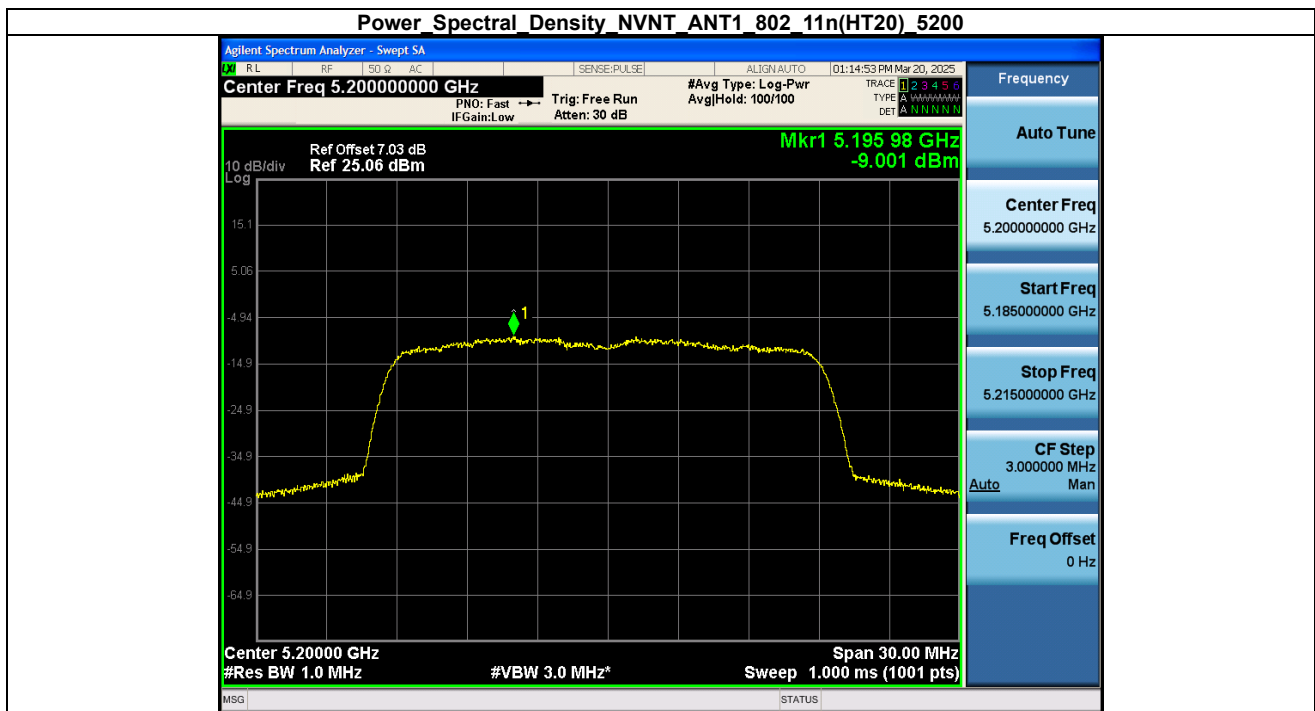
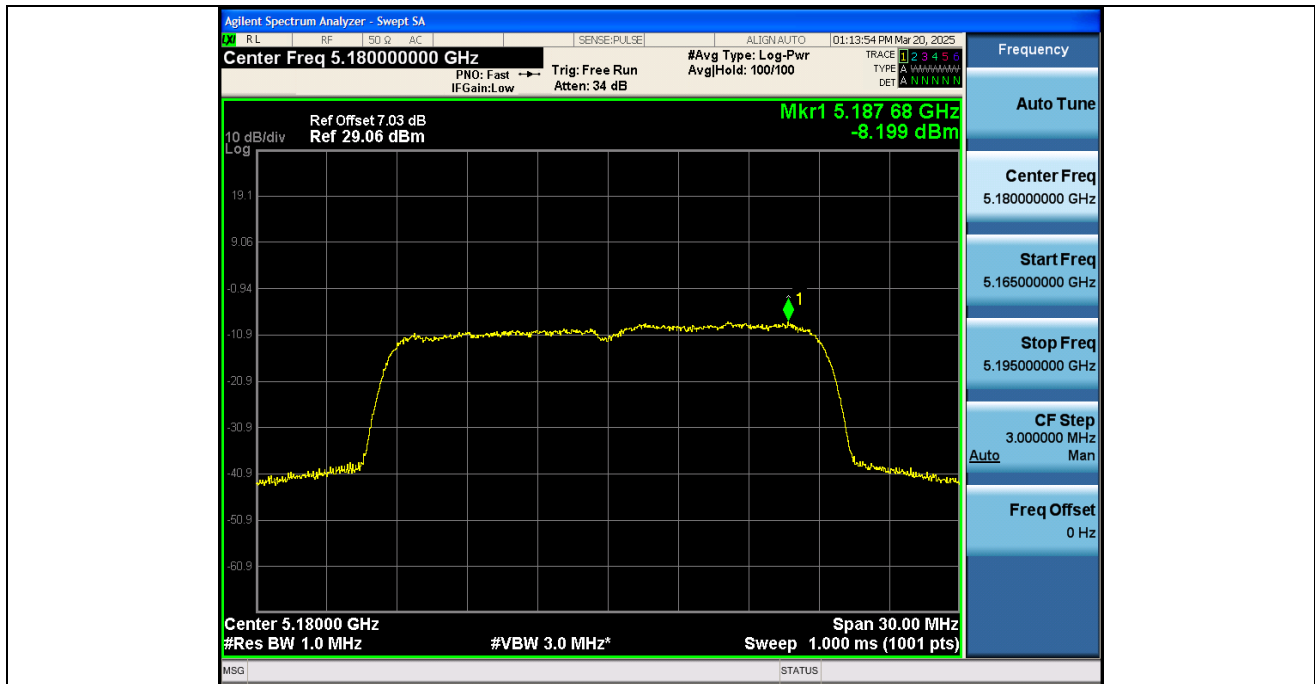
Power Spectral Density NVNT ANT1 802 11a 5200



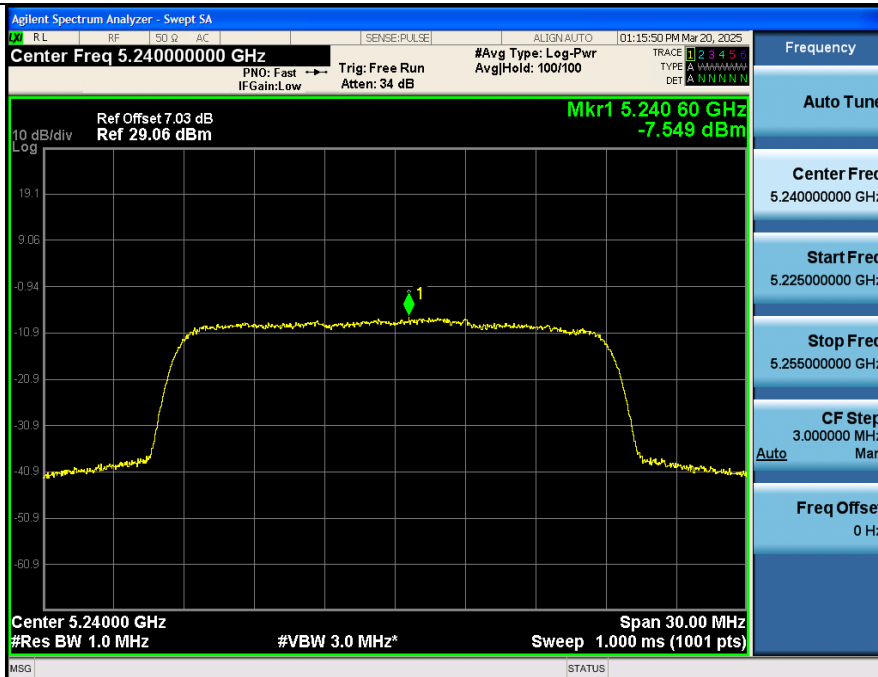
Power Spectral Density NVNT ANT1_802_11a_5240



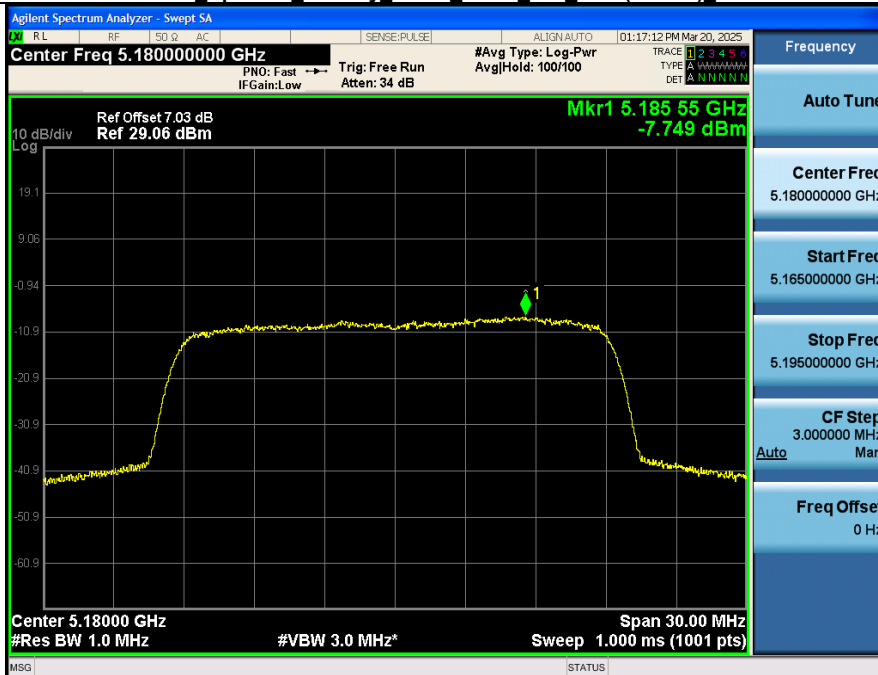
Power Spectral Density NVNT ANT1_802_11n(HT20)_5180



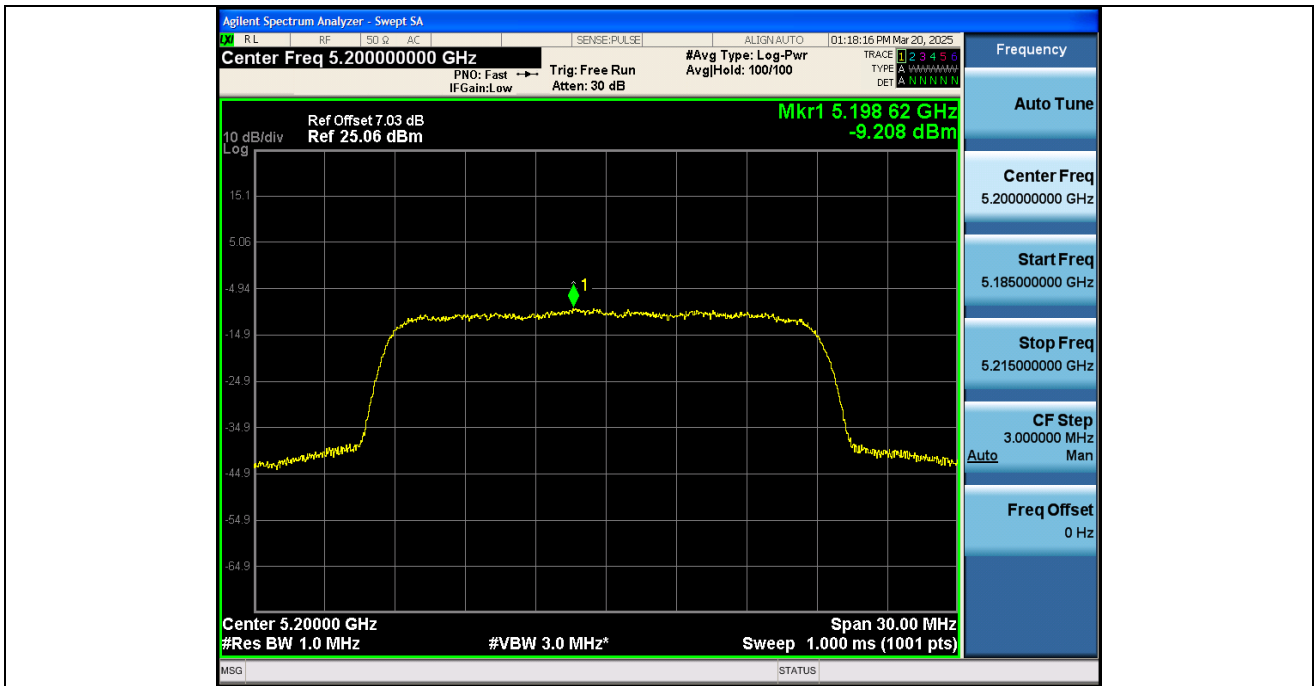
Power Spectral Density NVNT ANT1 802 11n(HT20) 5240

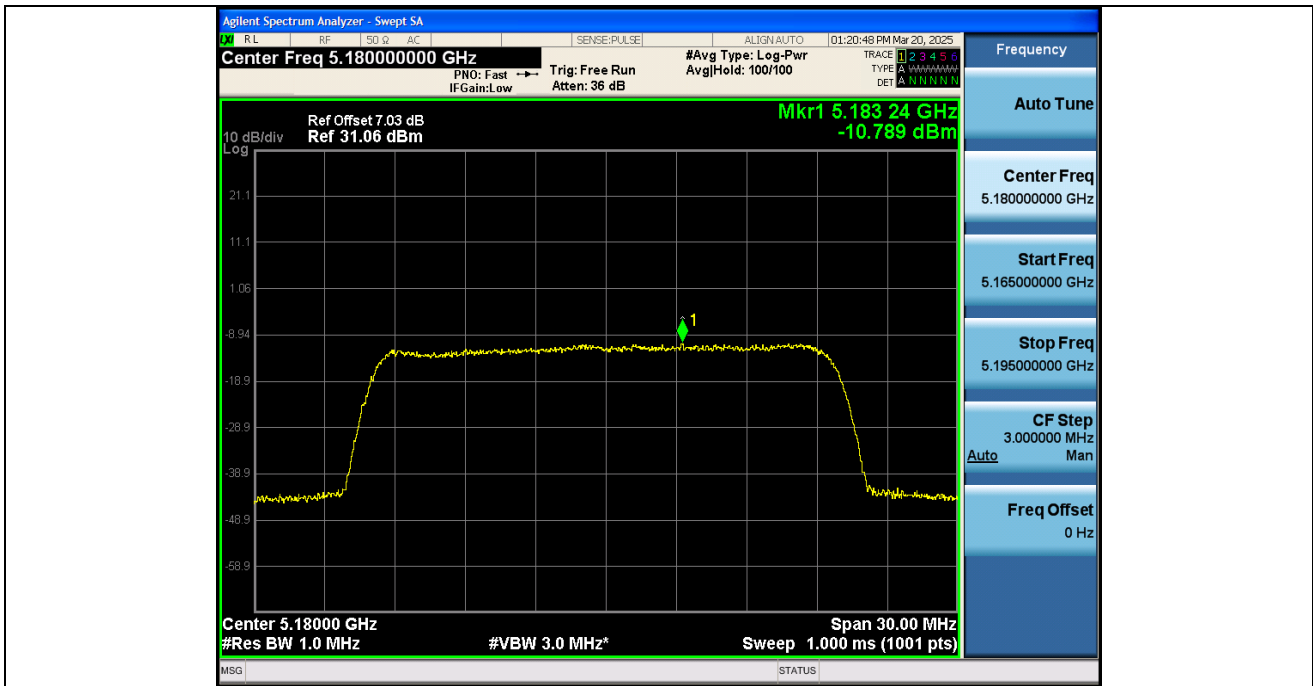


Power Spectral Density NVNT ANT1_802_11ac(VHT20)_5180

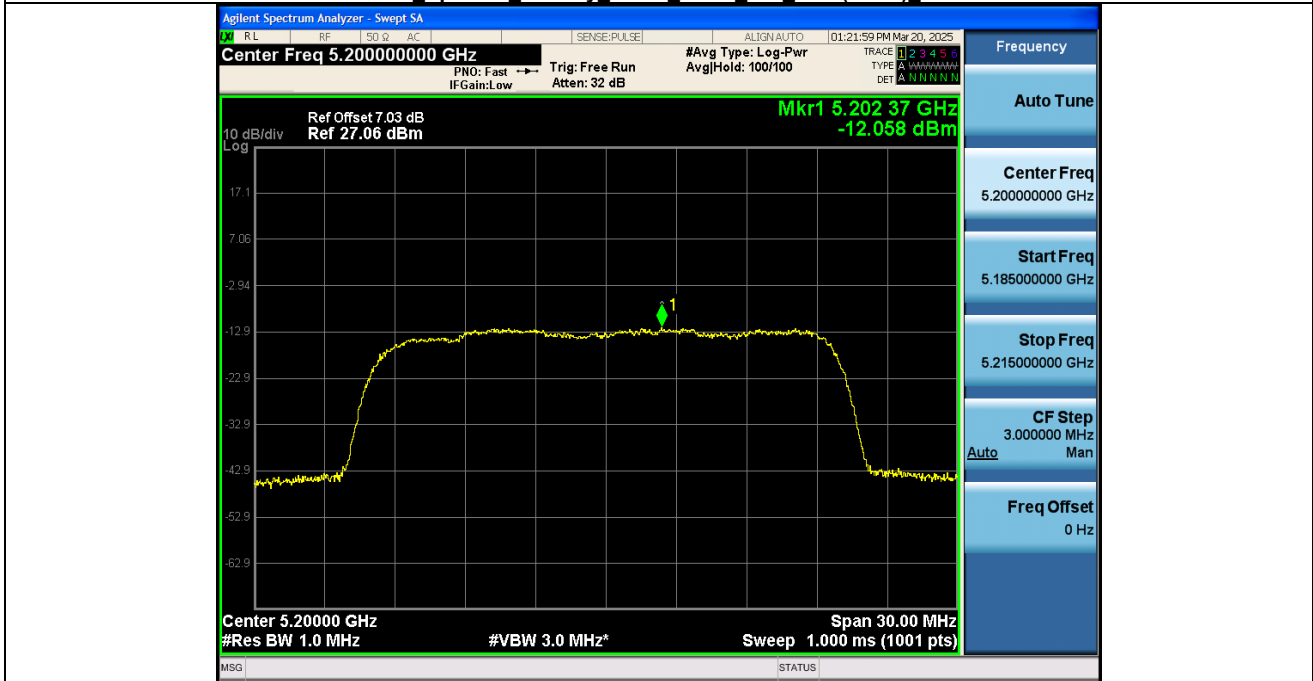


Power Spectral Density NVNT ANT1_802_11ac(VHT20)_5200

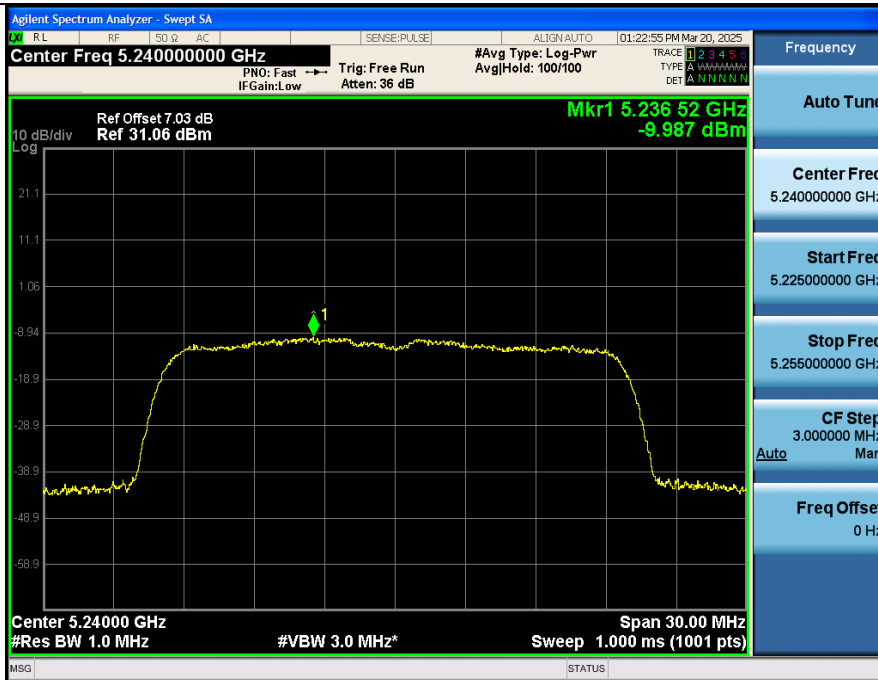




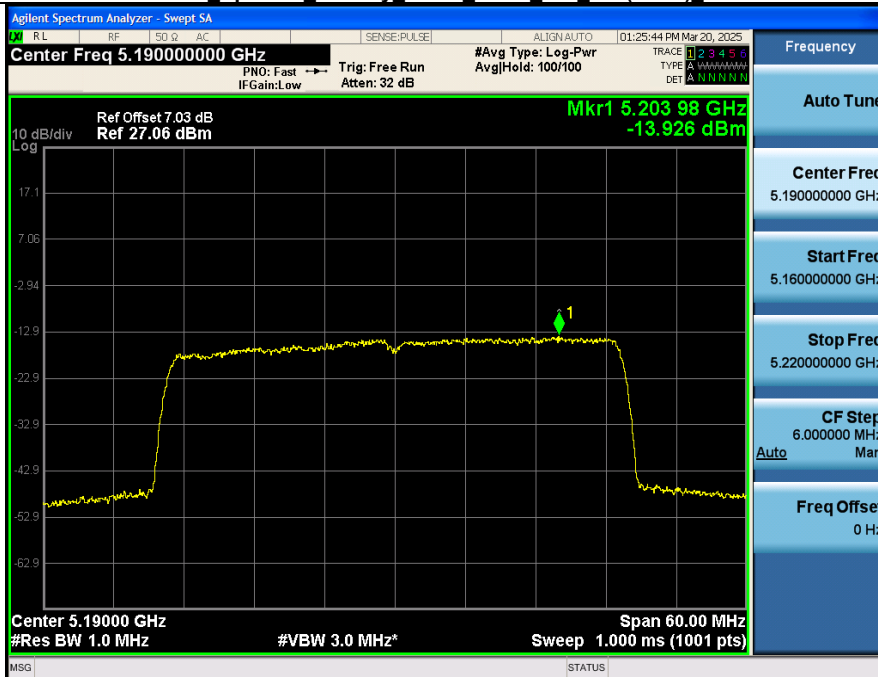
Power Spectral Density NVNT ANT1 802 11ax(HE20) 5200



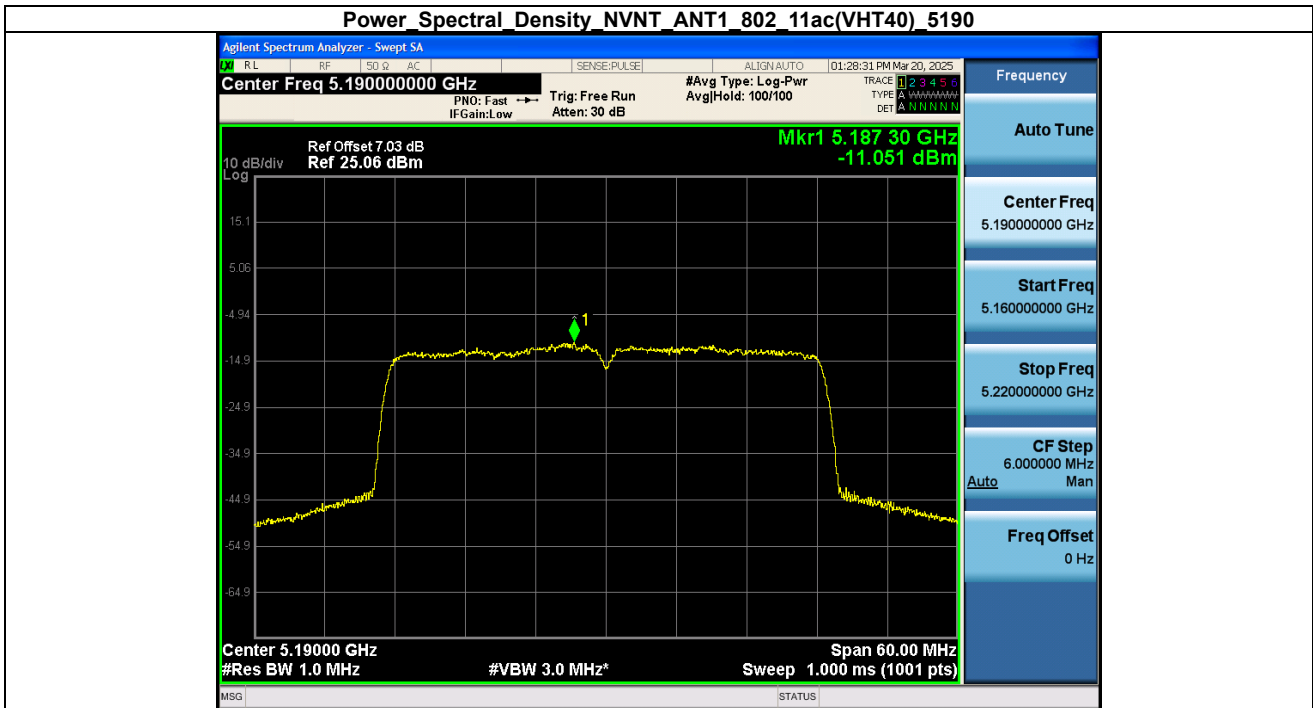
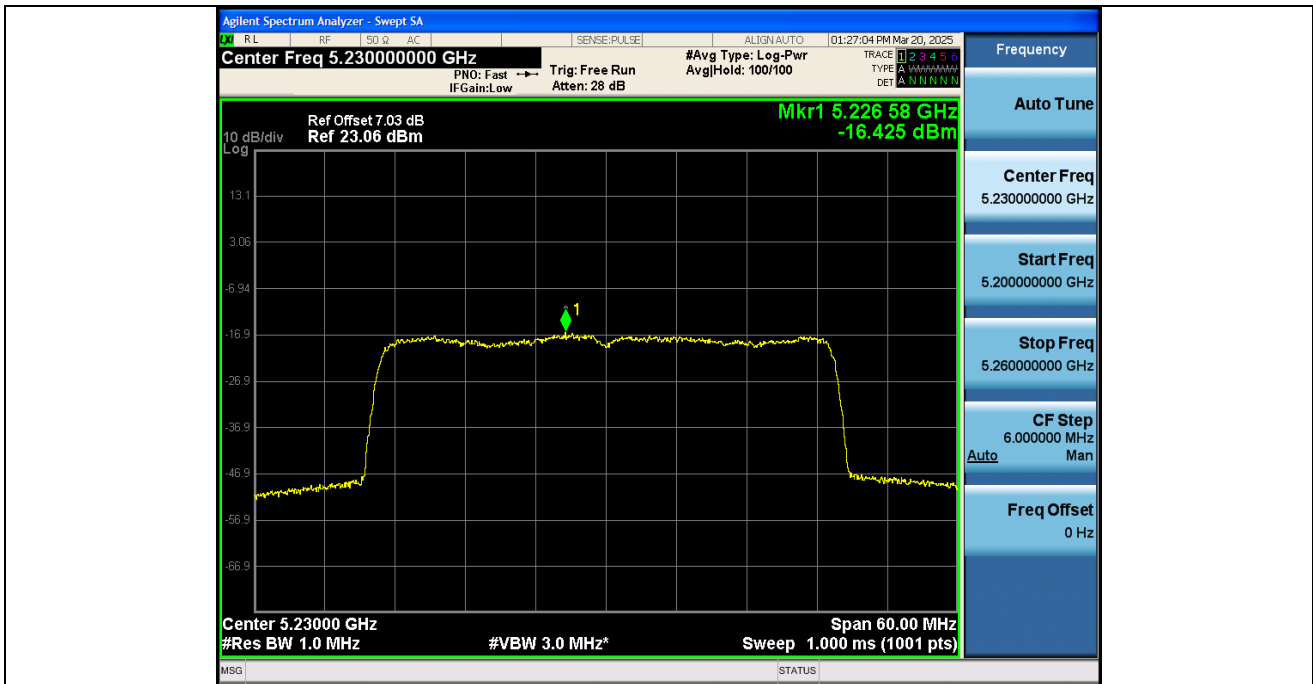
Power Spectral Density NVNT ANT1 802 11ax(HE20) 5240

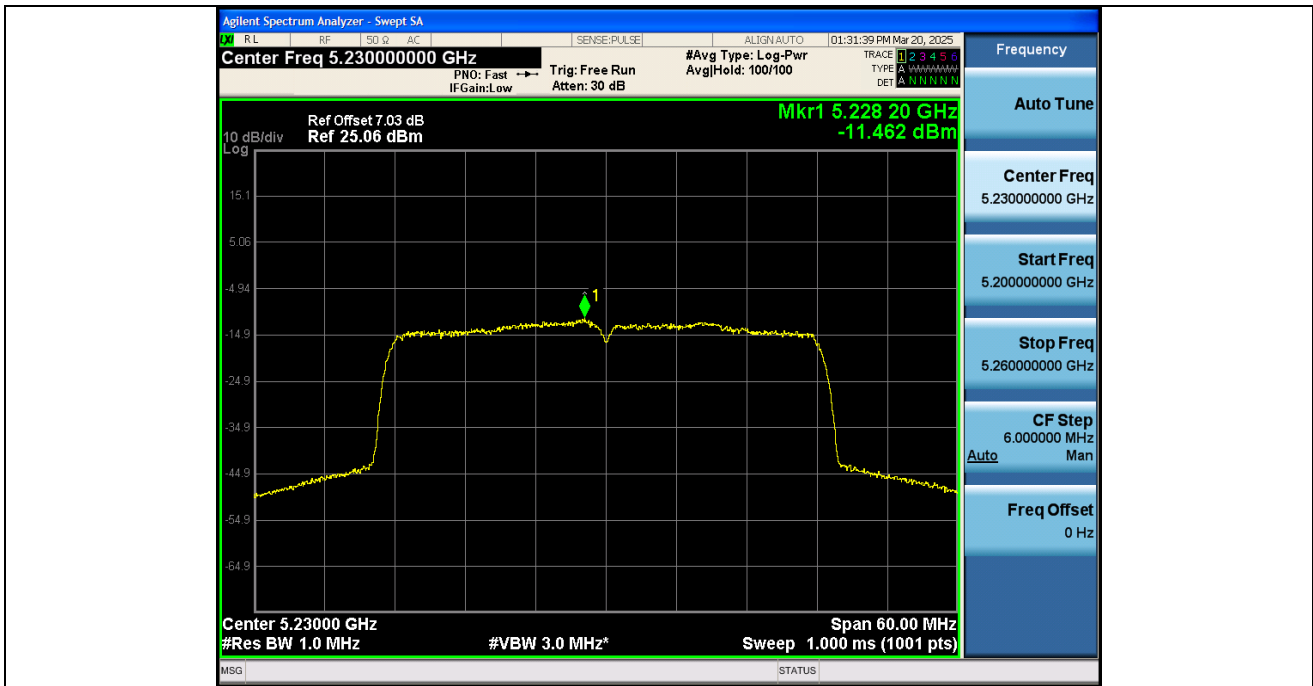


Power Spectral Density NVNT ANT1 802 11n(HT40) 5190

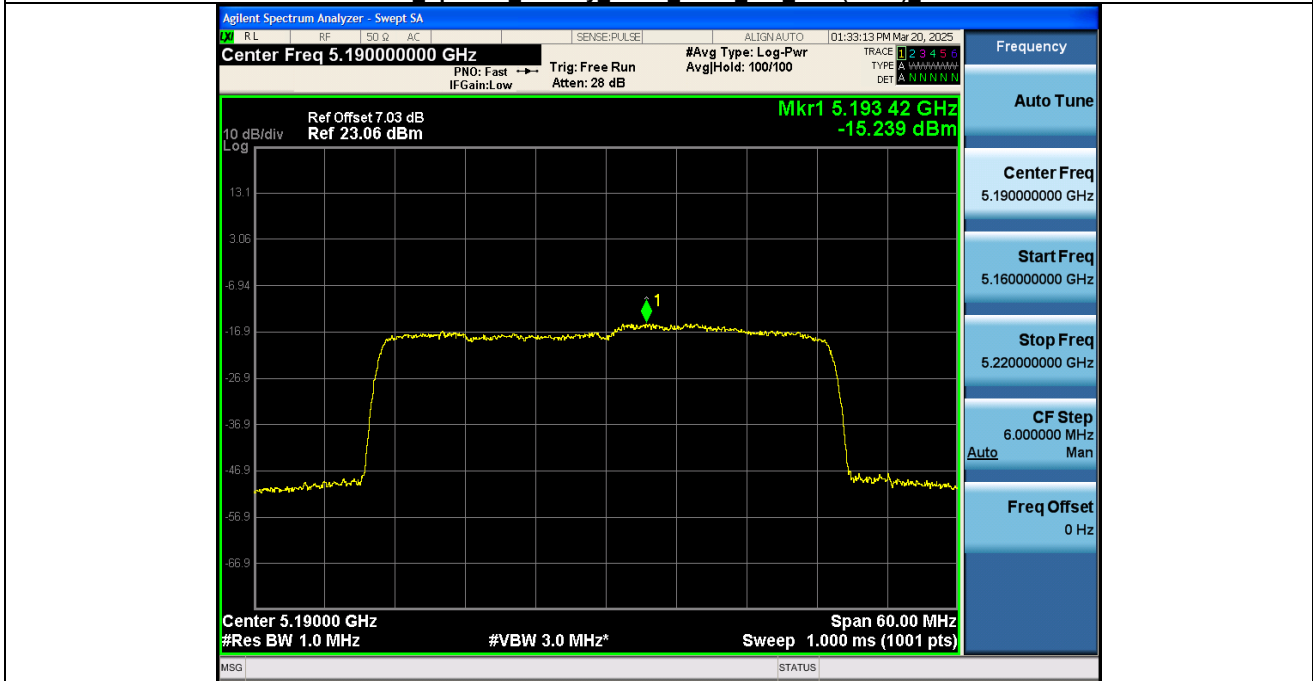


Power Spectral Density NVNT ANT1 802 11n(HT40) 5230

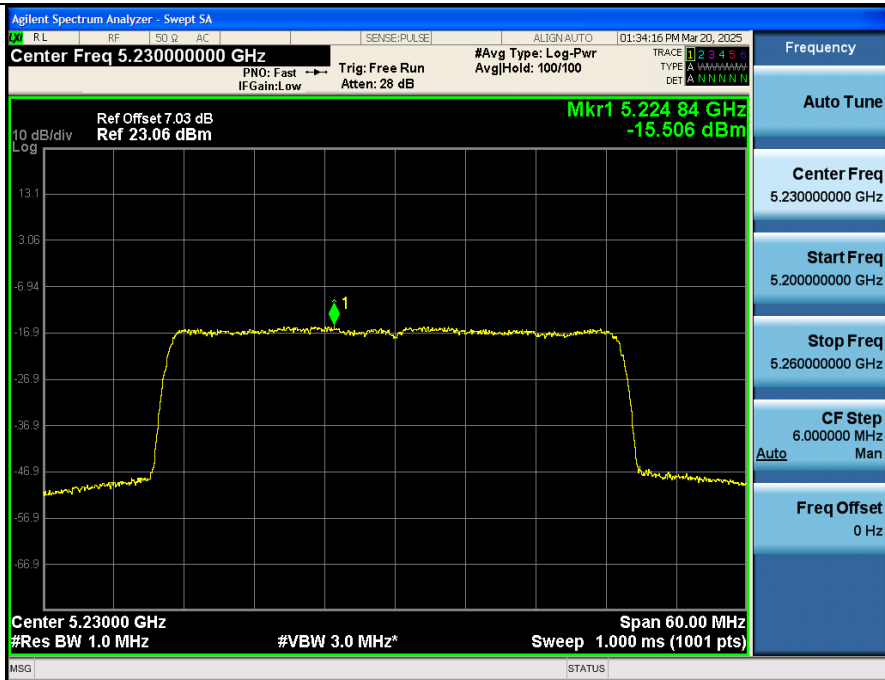




Power Spectral Density NVNT ANT1 802 11ax(HE40) 5190



Power Spectral Density NVNT ANT1 802 11ax(HE40) 5230



5. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
40degrees C&&12.0V	ANT1	802.11a	5180.00	5180.028	5171.576	5188.480	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11a	5180.00	5180.022	5171.756	5188.288	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11a	5180.00	5180.018	5171.856	5188.180	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11a	5180.00	5180.020	5171.936	5188.104	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11a	5180.00	5180.028	5172.000	5188.056	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11a	5180.00	5180.028	5172.060	5187.996	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11a	5180.00	5180.038	5172.128	5187.948	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11a	5180.00	5180.044	5172.188	5187.900	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11a	5180.00	5180.034	5172.228	5187.840	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11a	5180.00	5180.038	5172.276	5187.800	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11a	5200.00	5200.020	5191.564	5208.476	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11a	5200.00	5200.012	5191.728	5208.296	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11a	5200.00	5200.014	5191.844	5208.184	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11a	5200.00	5200.016	5191.916	5208.116	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11a	5200.00	5200.012	5191.980	5208.044	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11a	5200.00	5200.030	5192.040	5208.020	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11a	5200.00	5200.024	5192.092	5207.956	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11a	5200.00	5200.012	5192.152	5207.872	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11a	5200.00	5200.032	5192.204	5207.860	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11a	5200.00	5200.022	5192.256	5207.788	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11a	5240.00	5240.030	5231.572	5248.488	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11a	5240.00	5240.038	5231.748	5248.328	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11a	5240.00	5240.020	5231.848	5248.192	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11a	5240.00	5240.010	5231.920	5248.100	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11a	5240.00	5240.028	5232.000	5248.056	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11a	5240.00	5240.030	5232.056	5248.004	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11a	5240.00	5240.030	5232.108	5247.952	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11a	5240.00	5240.046	5232.172	5247.920	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11a	5240.00	5240.066	5232.244	5247.888	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11a	5240.00	5240.058	5232.308	5247.808	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.024	5170.968	5189.080	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.022	5171.144	5188.900	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.012	5171.236	5188.788	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.012	5171.312	5188.712	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.022	5171.380	5188.664	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.016	5171.452	5188.580	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.020	5171.508	5188.532	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11n(HT20)	5180.00	5180.020	5171.560	5188.480	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT20)	5180.00	5180.008	5171.620	5188.396	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11n(HT20)	5180.00	5180.042	5171.668	5188.416	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.042	5190.980	5209.104	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.012	5191.156	5208.868	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.030	5191.252	5208.808	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.024	5191.332	5208.716	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.024	5191.404	5208.644	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.008	5191.460	5208.556	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.066	5191.504	5208.628	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11n(HT20)	5200.00	5200.120	5191.556	5208.684	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT20)	5200.00	5200.200	5191.632	5208.768	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11n(HT20)	5200.00	5200.280	5191.688	5208.872	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.028	5230.976	5249.080	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.012	5231.136	5248.888	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.022	5231.248	5248.796	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.008	5231.316	5248.700	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.028	5231.384	5248.672	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.020	5231.444	5248.596	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.024	5231.504	5248.544	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11n(HT20)	5240.00	5240.040	5231.576	5248.504	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT20)	5240.00	5240.038	5231.628	5248.448	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11n(HT20)	5240.00	5240.018	5231.680	5248.356	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5170.980	5189.084	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.042	5171.160	5188.924	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5171.264	5188.800	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.028	5171.340	5188.716	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.034	5171.416	5188.652	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.032	5171.472	5188.592	5150~5250	Pass

-10degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.022	5171.536	5188.508	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ac(VHT20)	5180.00	5180.044	5171.600	5188.488	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT20)	5180.00	5180.038	5171.648	5188.428	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ac(VHT20)	5180.00	5180.026	5171.704	5188.348	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.018	5190.956	5209.080	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.022	5191.132	5208.912	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.006	5191.236	5208.776	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.002	5191.300	5208.704	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.016	5191.364	5208.668	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.016	5191.436	5208.596	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.018	5191.496	5208.540	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ac(VHT20)	5200.00	5200.020	5191.572	5208.468	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT20)	5200.00	5200.024	5191.632	5208.416	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.700	5208.356	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.040	5230.984	5249.096	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.032	5231.160	5248.904	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.020	5231.256	5248.784	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.022	5231.324	5248.720	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.024	5231.388	5248.660	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.022	5231.460	5248.584	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.040	5231.544	5248.536	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ac(VHT20)	5240.00	5240.062	5231.620	5248.504	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT20)	5240.00	5240.062	5231.684	5248.440	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ac(VHT20)	5240.00	5240.050	5231.732	5248.368	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.040	5170.480	5189.600	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.022	5170.576	5189.468	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.030	5170.644	5189.416	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.032	5170.728	5189.336	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.044	5170.804	5189.284	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.066	5170.880	5189.252	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.080	5170.964	5189.196	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ax(HE20)	5180.00	5180.044	5171.008	5189.080	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE20)	5180.00	5180.076	5171.076	5189.076	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ax(HE20)	5180.00	5180.044	5171.136	5188.952	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.022	5190.448	5209.596	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.004	5190.544	5209.464	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.008	5190.616	5209.400	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.030	5190.684	5209.376	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.022	5190.736	5209.308	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.006	5190.780	5209.232	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5199.990	5190.840	5209.140	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ax(HE20)	5200.00	5200.016	5190.912	5209.120	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE20)	5200.00	5200.008	5190.960	5209.056	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ax(HE20)	5200.00	5199.964	5191.008	5208.920	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5239.998	5230.432	5249.564	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.002	5230.536	5249.468	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.012	5230.612	5249.412	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.014	5230.680	5249.348	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.026	5230.764	5249.288	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.024	5230.820	5249.228	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.018	5230.888	5249.148	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ax(HE20)	5240.00	5240.012	5230.944	5249.080	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE20)	5240.00	5240.042	5231.020	5249.064	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ax(HE20)	5240.00	5240.024	5231.076	5248.972	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.064	5171.920	5208.208	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.060	5172.056	5208.064	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.092	5172.224	5207.960	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.096	5172.352	5207.840	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.132	5172.520	5207.744	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.088	5172.632	5207.544	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.148	5172.768	5207.528	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11n(HT40)	5190.00	5190.148	5172.896	5207.400	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT40)	5190.00	5190.184	5173.024	5207.344	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11n(HT40)	5190.00	5190.188	5173.144	5207.232	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.068	5211.920	5248.216	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.056	5212.072	5248.040	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.072	5212.224	5247.920	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.080	5212.352	5247.808	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.096	5212.512	5247.680	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.120	5212.632	5247.608	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.112	5212.752	5247.472	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11n(HT40)	5230.00	5230.140	5212.848	5247.432	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11n(HT40)	5230.00	5230.156	5212.960	5247.352	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11n(HT40)	5230.00	5230.108	5213.080	5247.136	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5171.936	5208.208	5150~5250	Pass

35degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.056	5172.072	5208.040	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.060	5172.200	5207.920	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.044	5172.312	5207.776	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.092	5172.456	5207.728	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.100	5172.584	5207.616	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.088	5172.688	5207.488	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ac(VHT40)	5190.00	5190.120	5172.824	5207.416	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT40)	5190.00	5190.108	5172.960	5207.256	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ac(VHT40)	5190.00	5190.140	5173.072	5207.208	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.052	5211.904	5248.200	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.040	5212.040	5248.040	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.060	5212.168	5247.952	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.068	5212.288	5247.848	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.060	5212.400	5247.720	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.064	5212.504	5247.624	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.064	5212.632	5247.496	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ac(VHT40)	5230.00	5230.056	5212.728	5247.384	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ac(VHT40)	5230.00	5230.088	5212.856	5247.320	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ac(VHT40)	5230.00	5230.088	5212.952	5247.224	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.068	5171.152	5208.984	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.072	5171.256	5208.888	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.092	5171.392	5208.792	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.068	5171.528	5208.608	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.080	5171.656	5208.504	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.124	5171.800	5208.448	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.152	5171.952	5208.352	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ax(HE40)	5190.00	5190.140	5172.088	5208.192	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE40)	5190.00	5190.124	5172.192	5208.056	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ax(HE40)	5190.00	5190.132	5172.344	5207.920	5150~5250	Pass
40degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.032	5211.088	5248.976	5150~5250	Pass
35degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.032	5211.184	5248.880	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.024	5211.320	5248.728	5150~5250	Pass
15degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.032	5211.456	5248.608	5150~5250	Pass
5degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.020	5211.608	5248.432	5150~5250	Pass
-5degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.056	5211.736	5248.376	5150~5250	Pass
-10degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.076	5211.864	5248.288	5150~5250	Pass
25degrees C&&13.2V	ANT1	802.11ax(HE40)	5230.00	5230.036	5211.976	5248.096	5150~5250	Pass
25degrees C&&12.0V	ANT1	802.11ax(HE40)	5230.00	5230.072	5212.144	5248.000	5150~5250	Pass
25degrees C&&10.8V	ANT1	802.11ax(HE40)	5230.00	5230.196	5212.288	5248.104	5150~5250	Pass