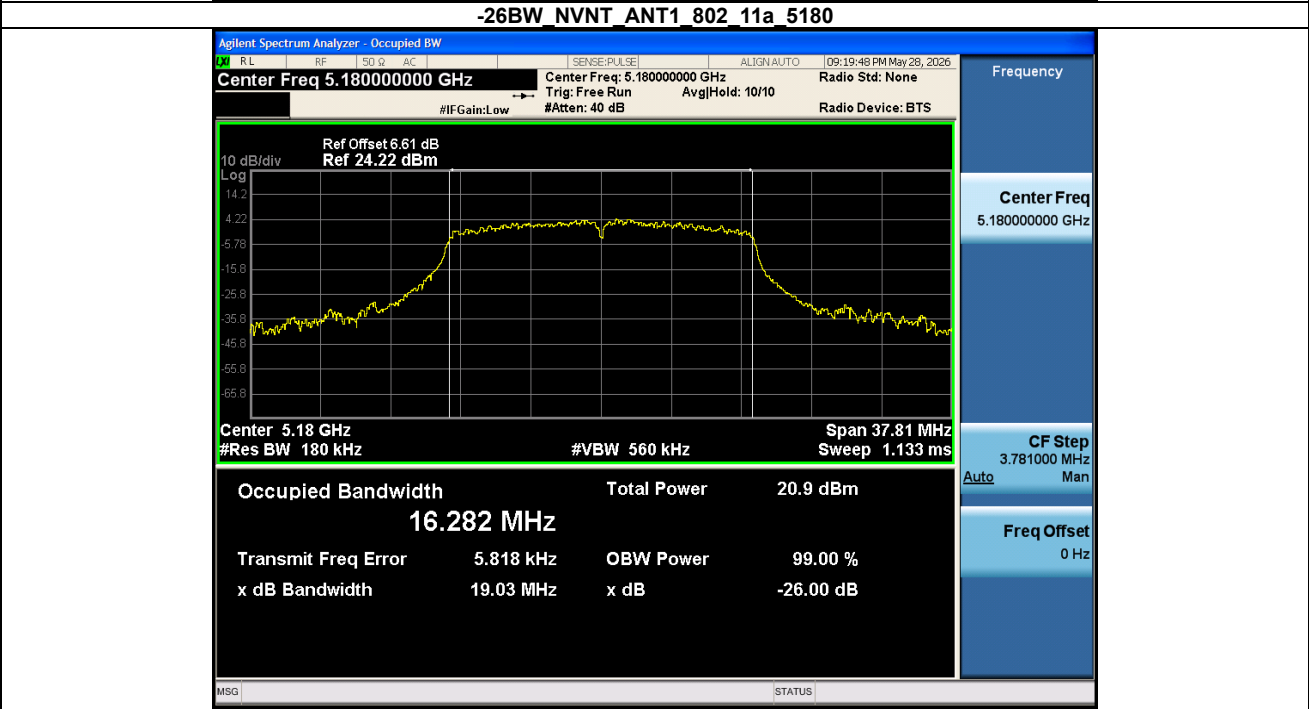
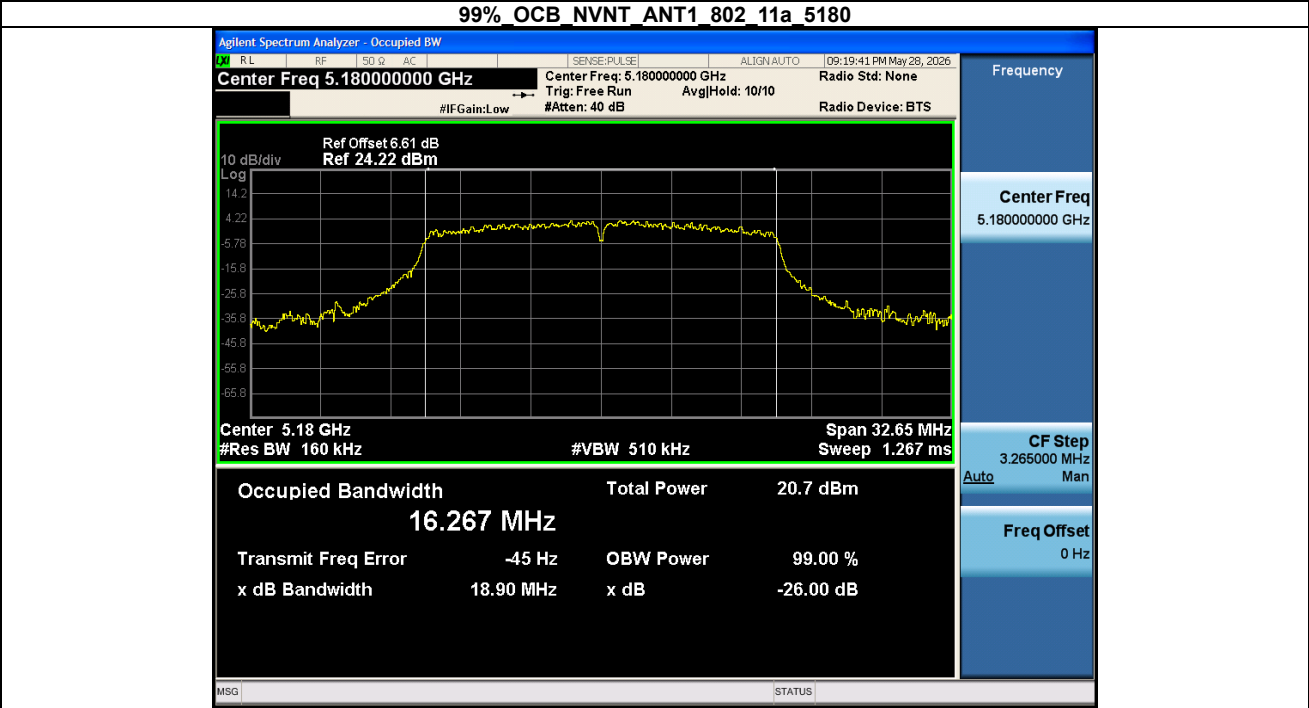


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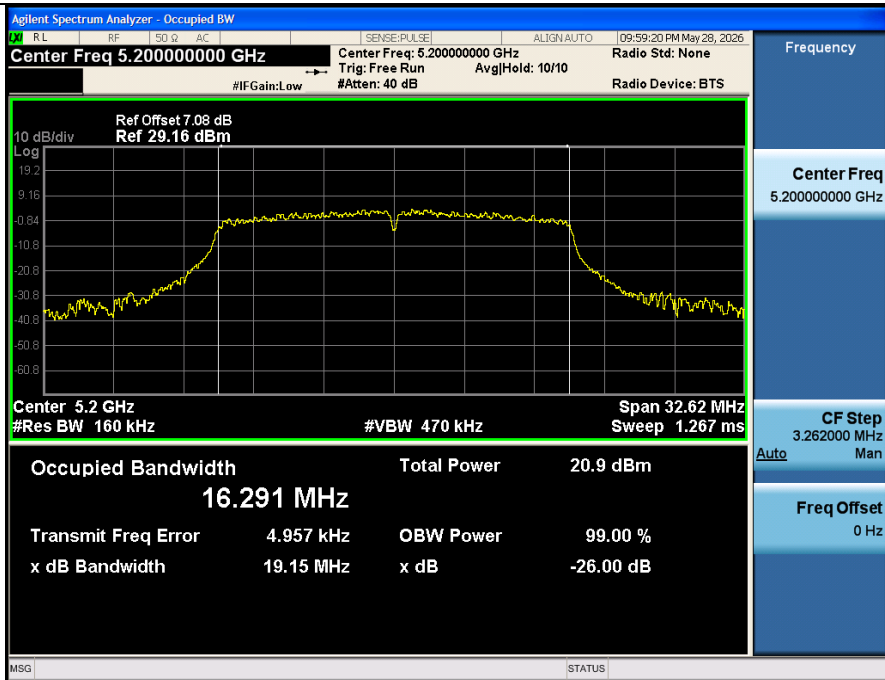
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1. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	19.03	16.27
NVNT	ANT1	802.11a	5200.00	19.38	16.29
NVNT	ANT1	802.11a	5240.00	19.26	16.28
NVNT	ANT1	802.11n(HT20)	5180.00	20.27	17.44
NVNT	ANT1	802.11n(HT20)	5200.00	20.44	17.44
NVNT	ANT1	802.11n(HT20)	5240.00	20.44	17.43
NVNT	ANT1	802.11n(HT40)	5190.00	37.94	35.31
NVNT	ANT1	802.11n(HT40)	5230.00	38.07	35.26



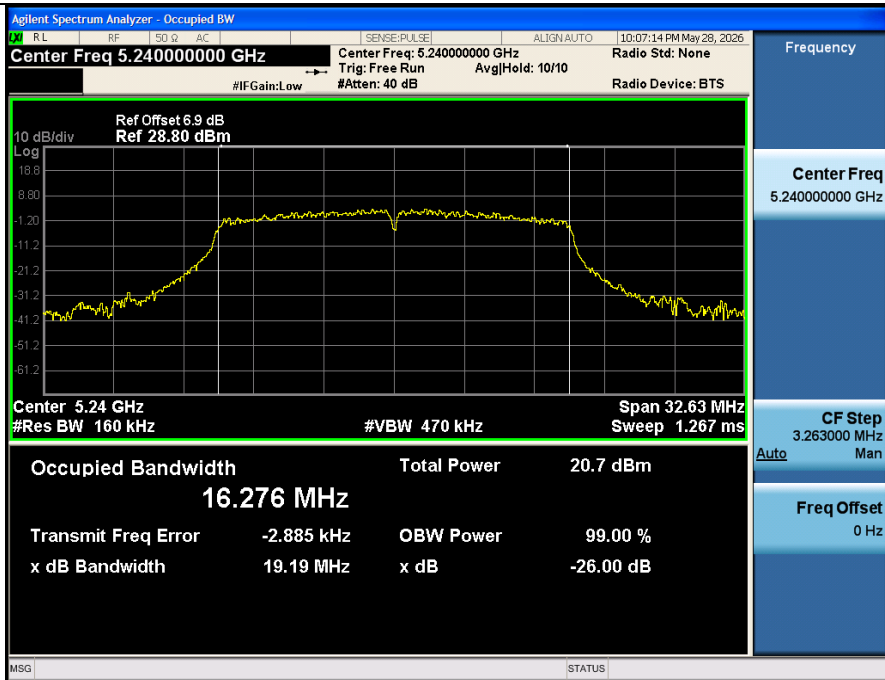
99% OCB NVNT ANT1 802 11a 5200



-26BW NVNT ANT1 802 11a 5200



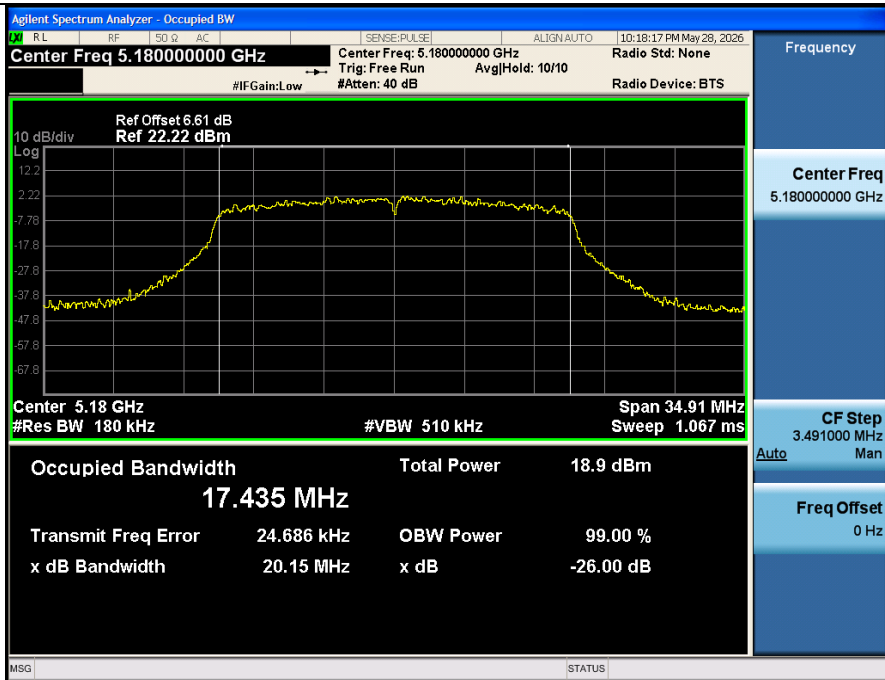
99% OCB NVNT ANT1 802 11a 5240



-26BW NVNT ANT1 802 11a 5240



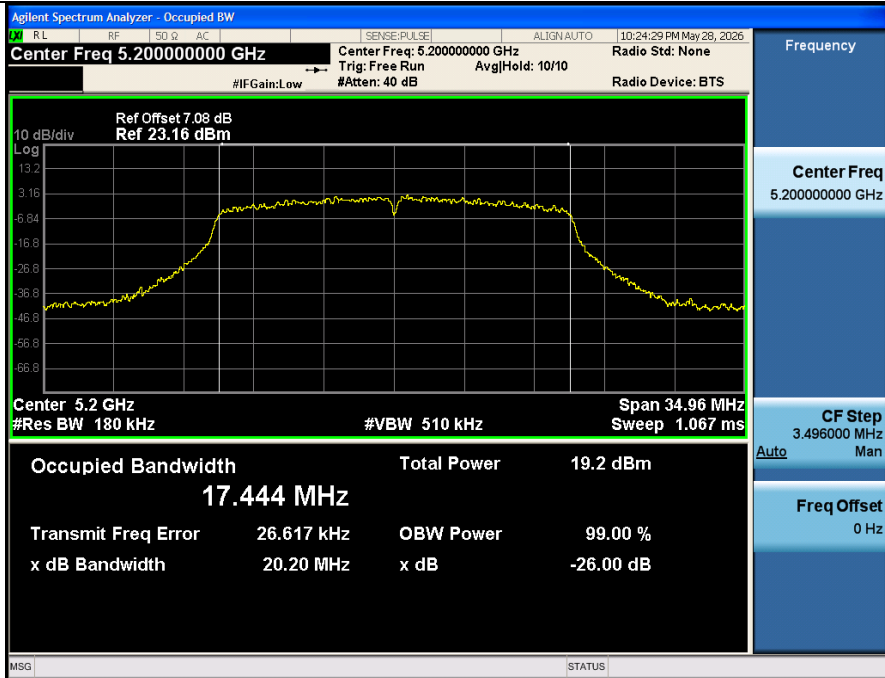
99% OCB NVNT ANT1 802 11n(HT20) 5180



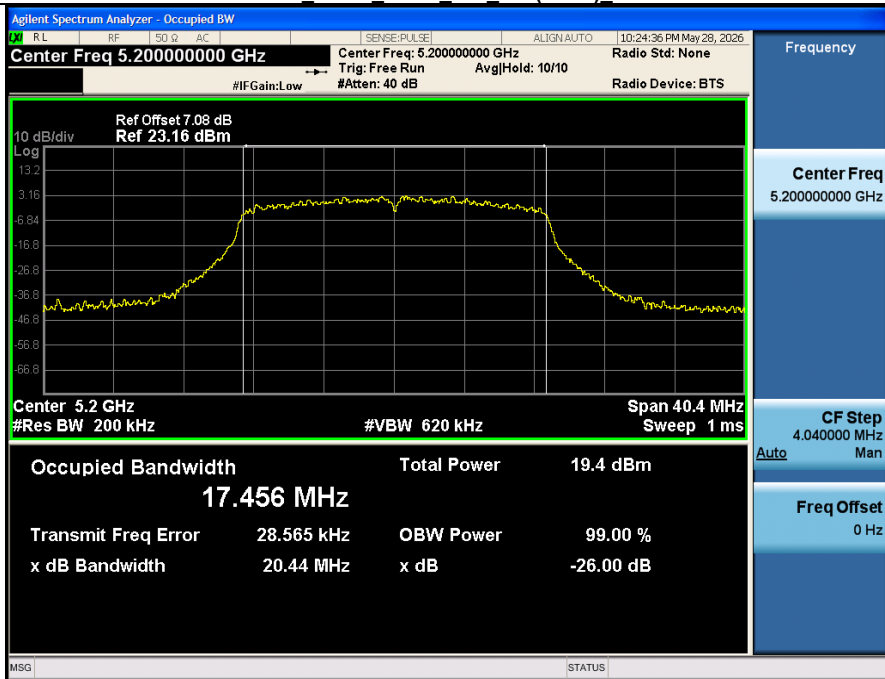
-26BW NVNT ANT1 802 11n(HT20) 5180



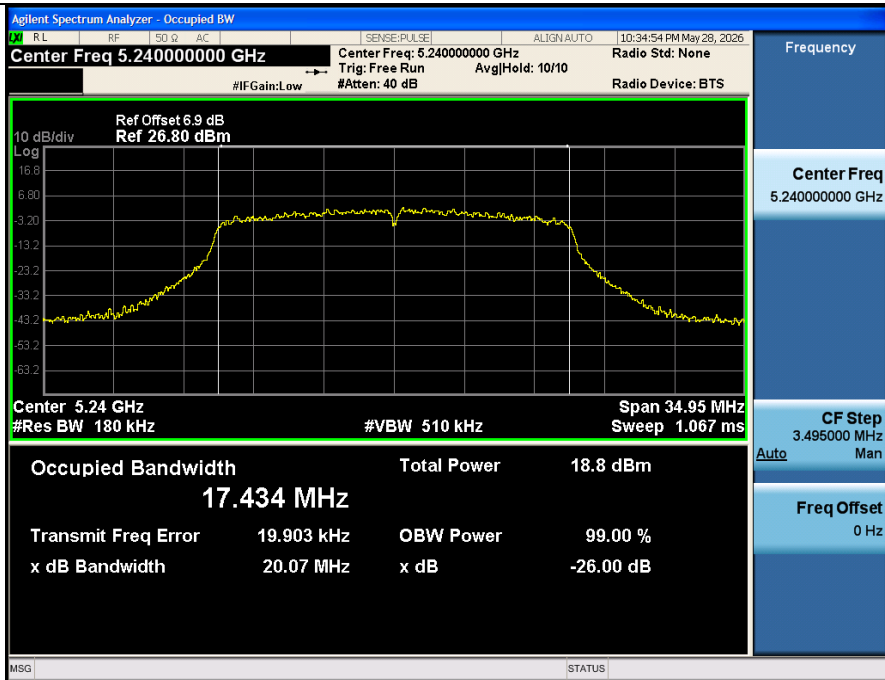
99% OCB NVNT ANT1 802 11n(HT20) 5200



-26BW NVNT ANT1 802 11n(HT20) 5200



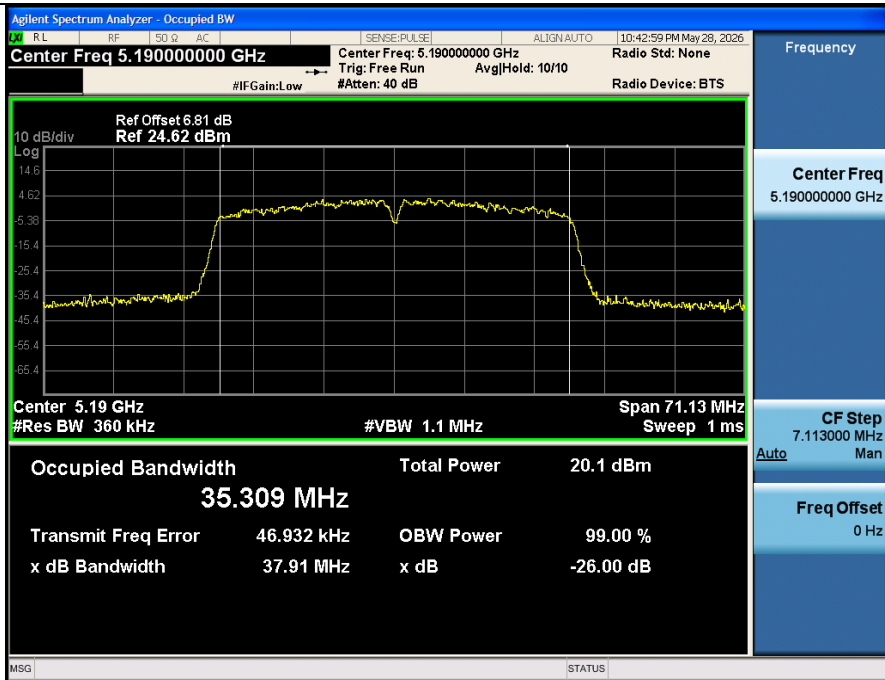
99% OCB NVNT ANT1 802 11n(HT20) 5240



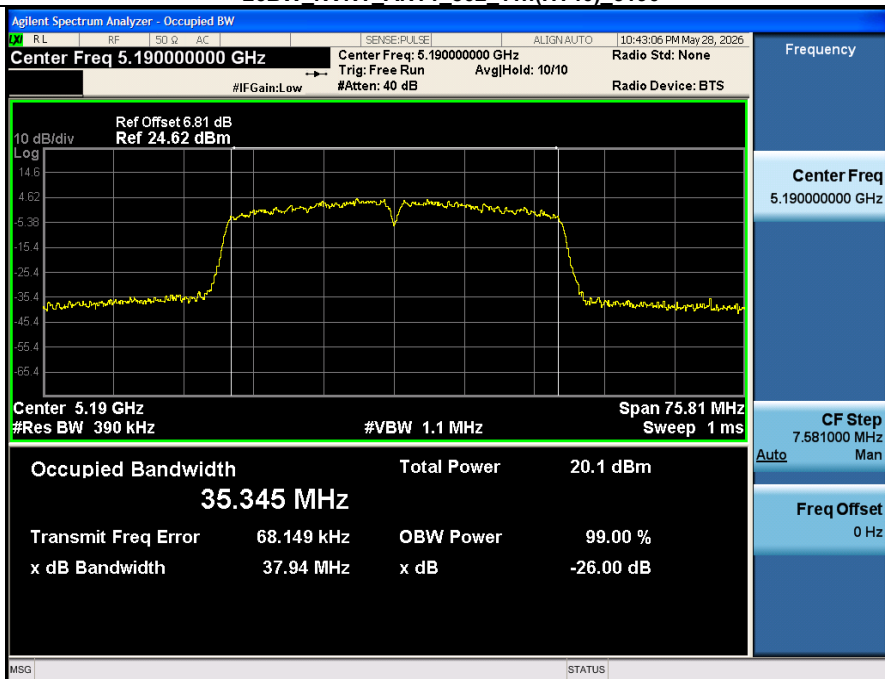
-26BW NVNT ANT1 802 11n(HT20) 5240



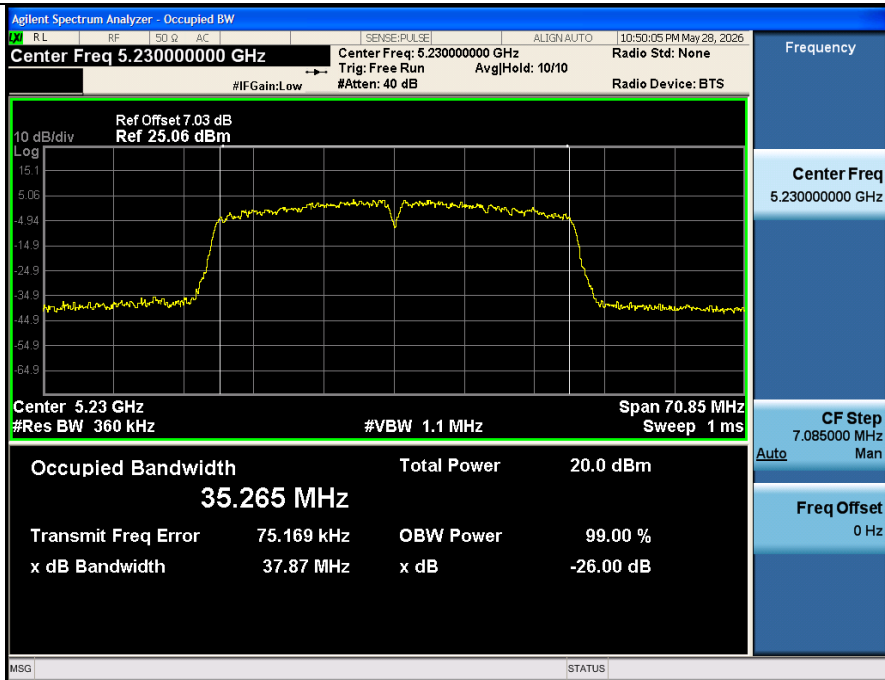
99% OCB NVNT ANT1 802 11n(HT40) 5190



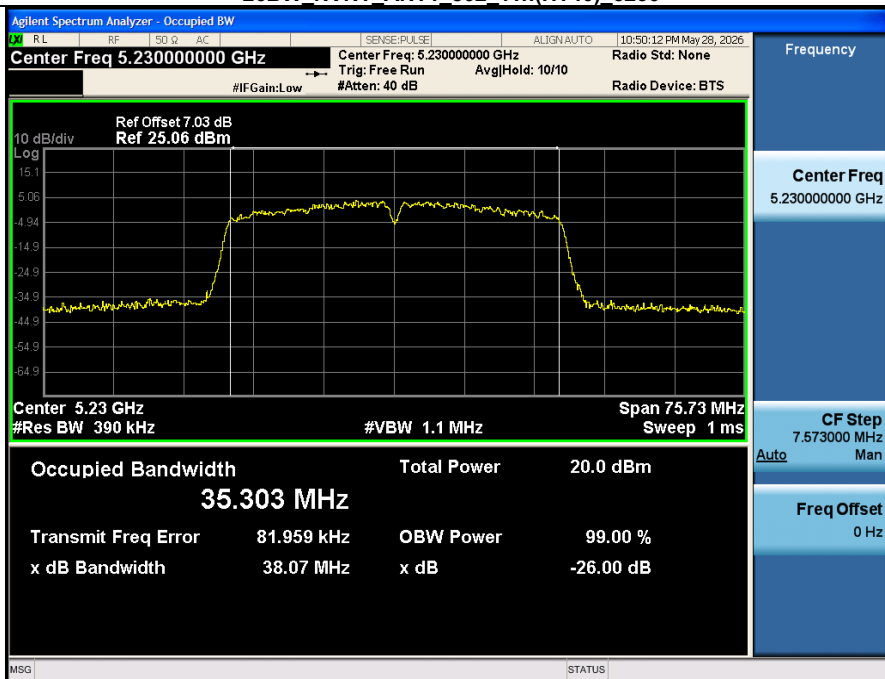
-26BW NVNT ANT1 802 11n(HT40) 5190



99% OCB NVNT ANT1 802 11n(HT40) 5230

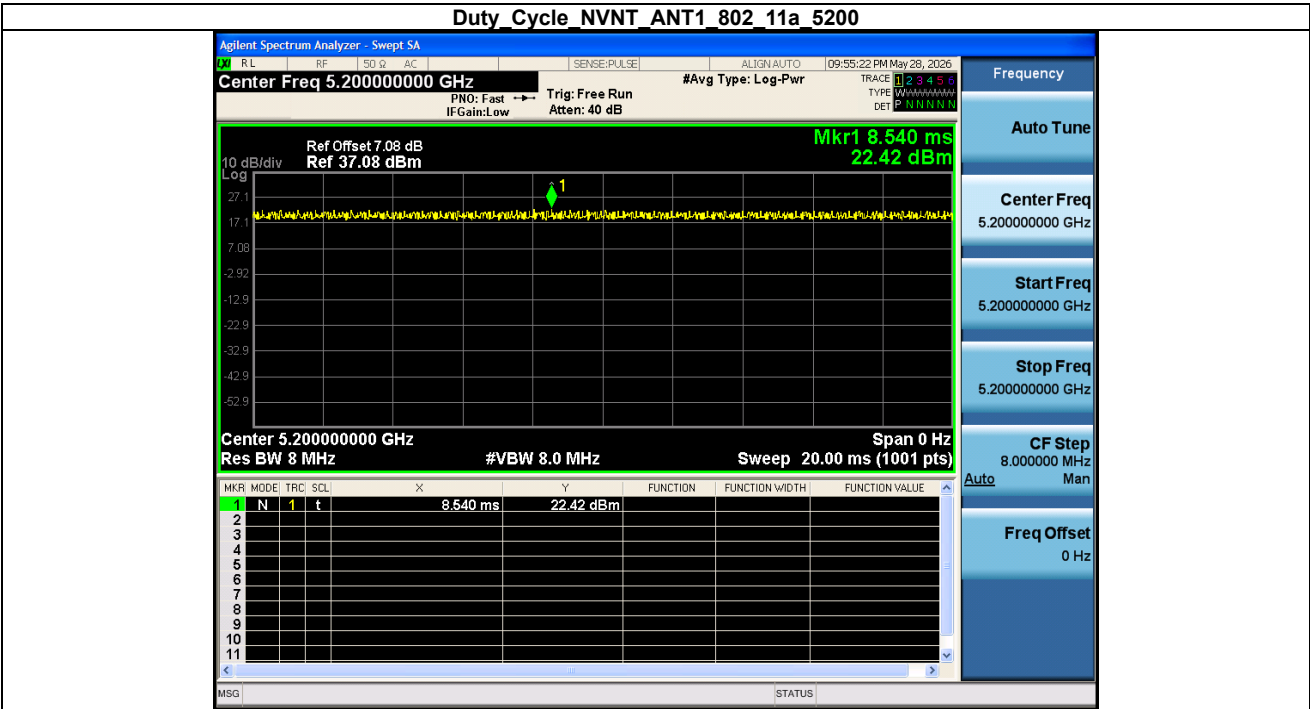
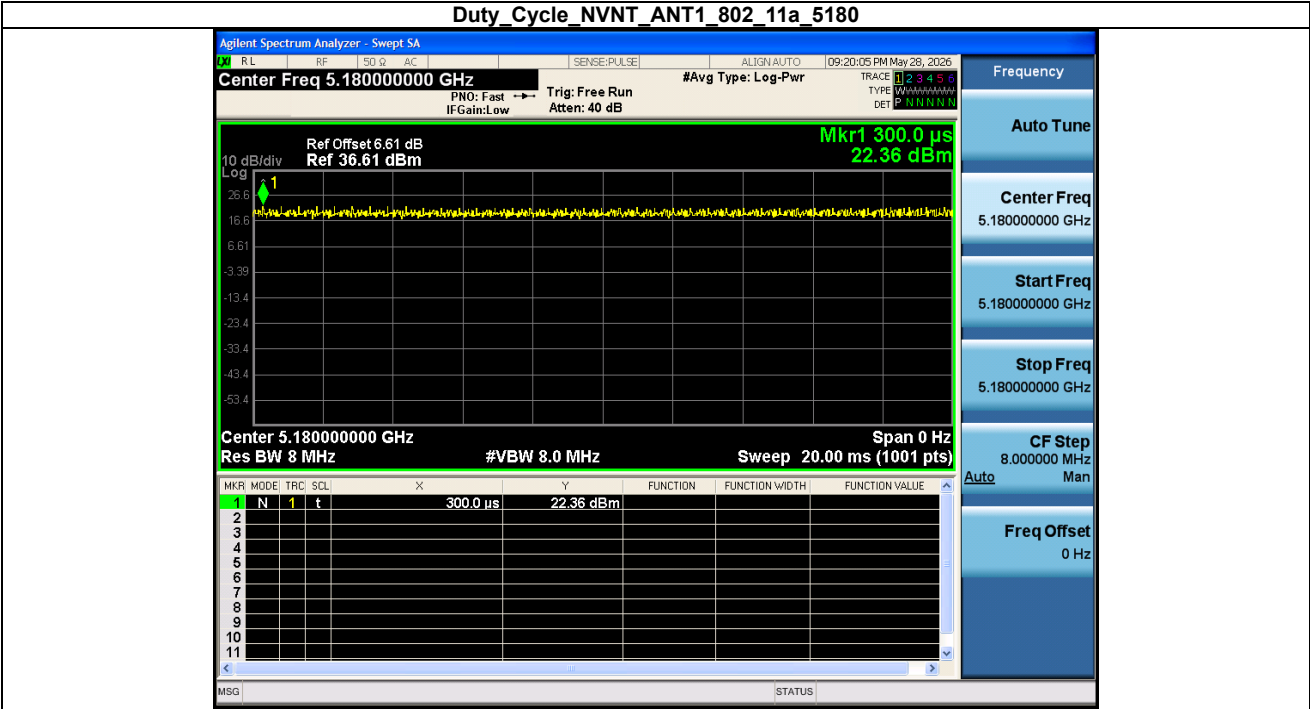


-26BW NVNT ANT1 802 11n(HT40) 5230

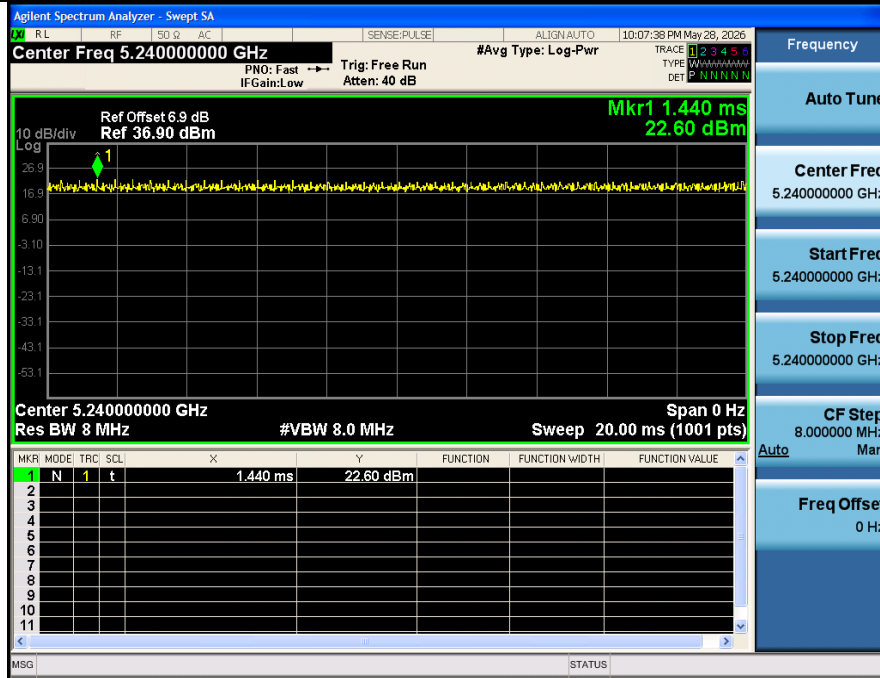


2. Duty Cycle

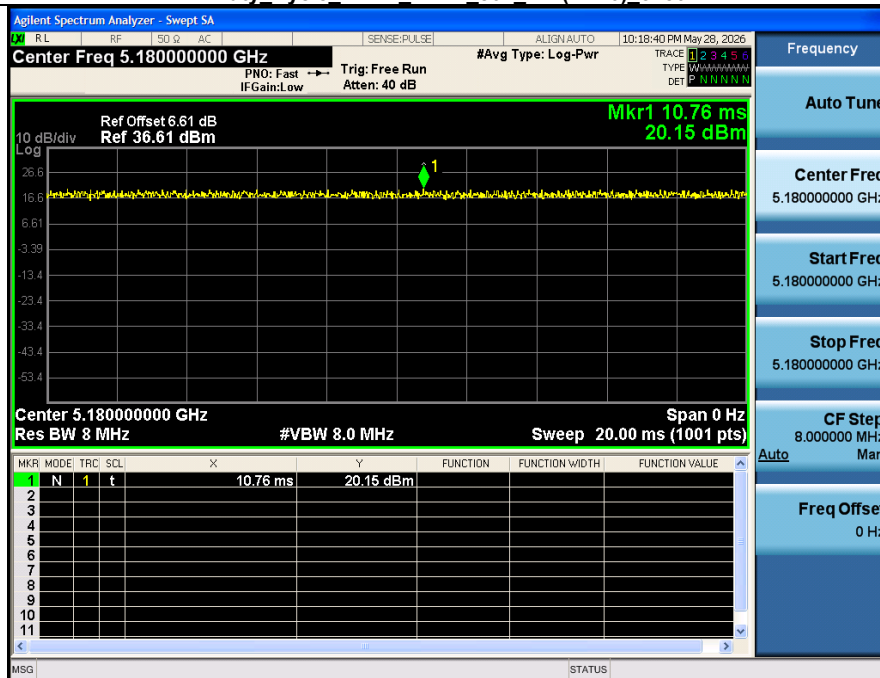
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	100	0.00
NVNT	ANT1	802.11a	5200.00	100	0.00
NVNT	ANT1	802.11a	5240.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5180.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5200.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5240.00	100	0.00
NVNT	ANT1	802.11n(HT40)	5190.00	100	0.00
NVNT	ANT1	802.11n(HT40)	5230.00	100	0.00



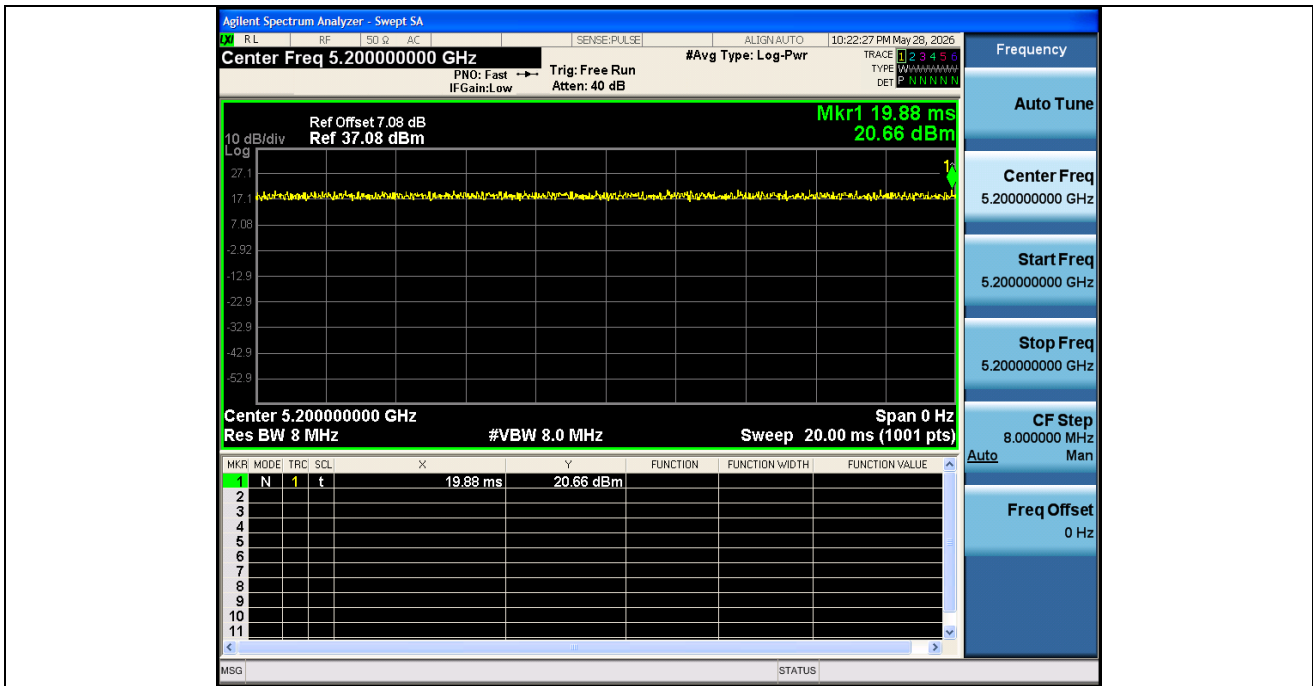
Duty Cycle NVNT ANT1_802_11a_5240



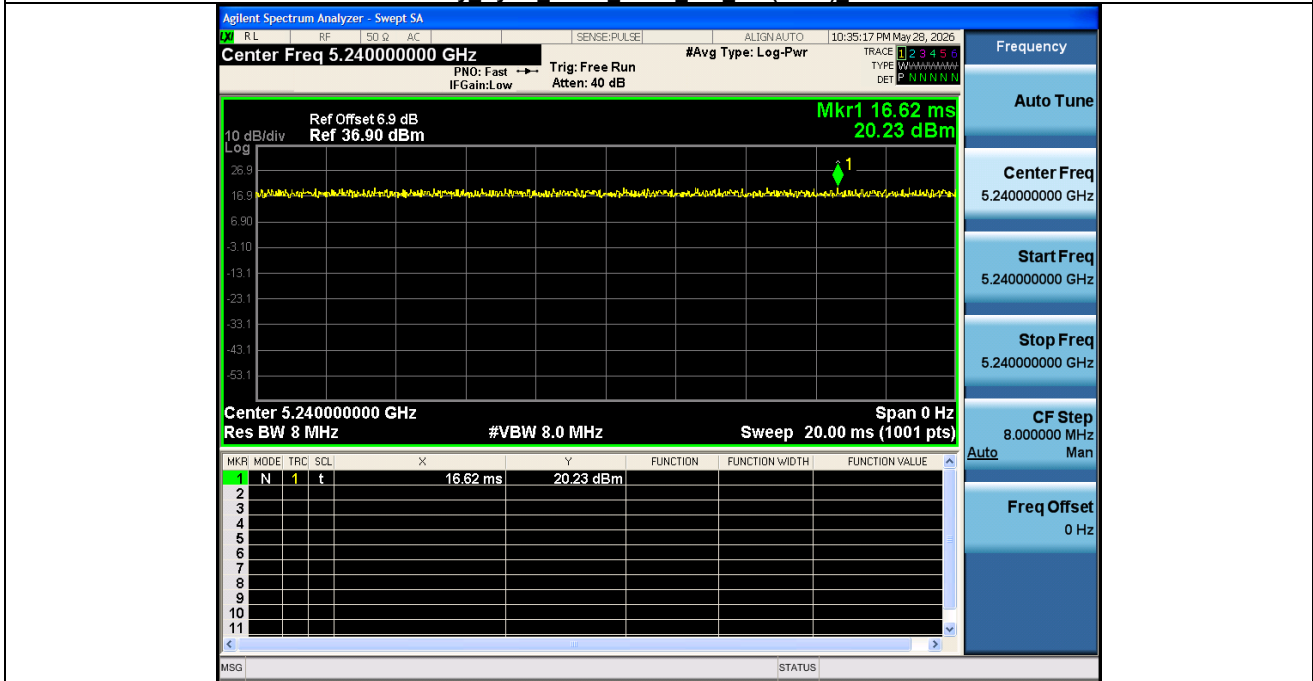
Duty Cycle NVNT ANT1_802_11n(HT20)_5180



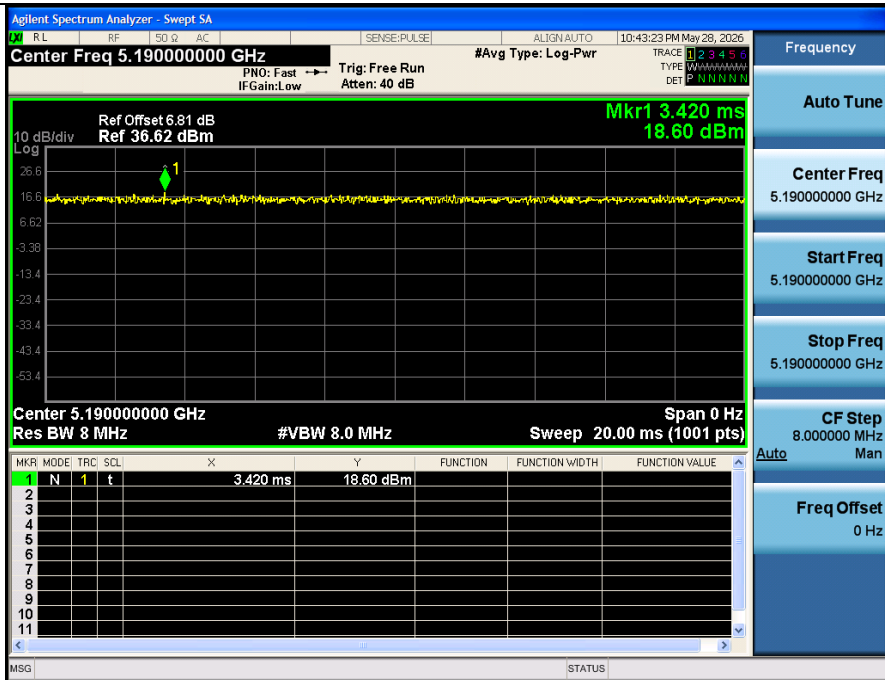
Duty Cycle NVNT ANT1_802_11n(HT20)_5200



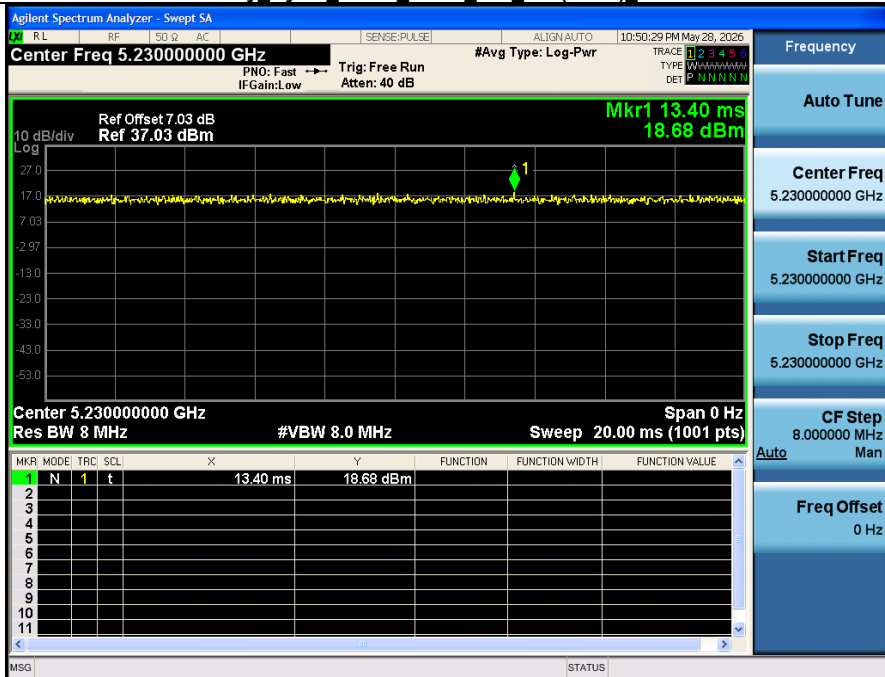
Duty Cycle NVNT ANT1 802_11n(HT20)_5240



Duty Cycle NVNT ANT1 802_11n(HT40)_5190



Duty Cycle NVNT ANT1 802 11n(HT40) 5230



3. Maximum Conducted Output Power

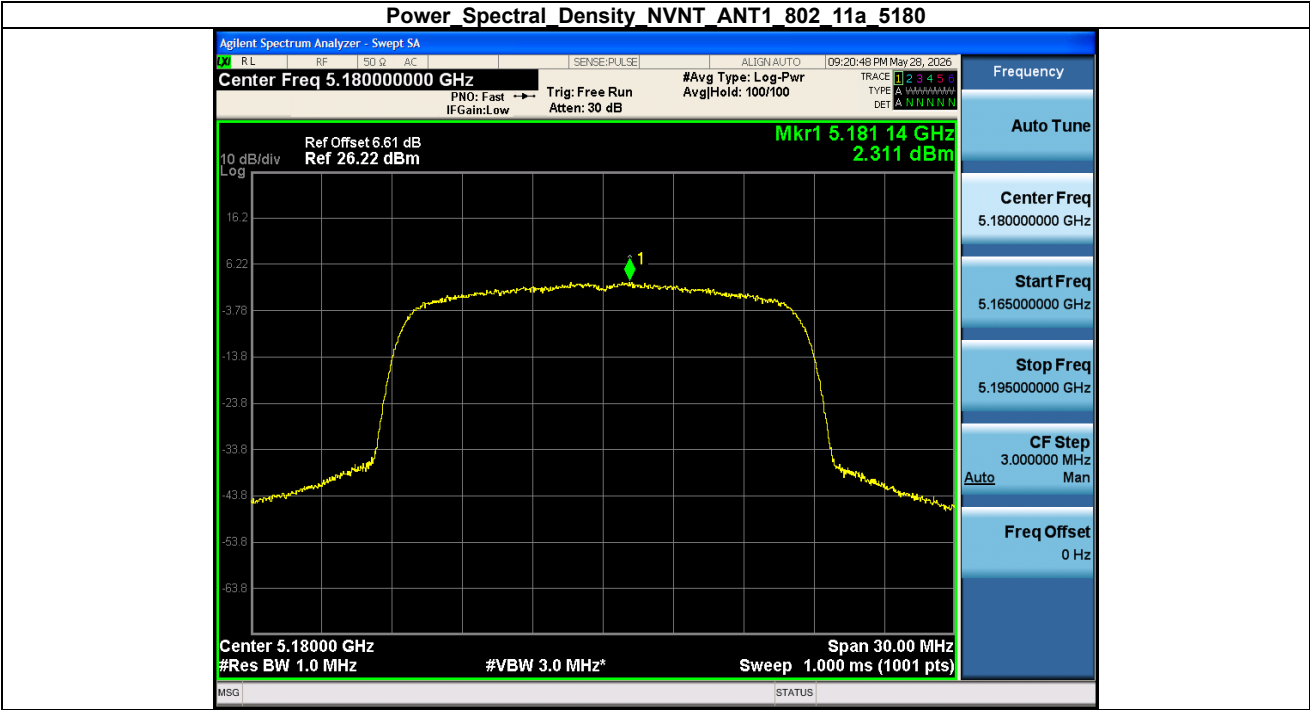
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Conducted Power limit(dBm)	E.I.R.P Power(dBm)	E.I.R.P limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	14.60	24	18.15	22.11	Pass
NVNT	ANT1	802.11a	5200.00	14.73	24	18.28	22.12	Pass
NVNT	ANT1	802.11a	5240.00	14.60	24	18.15	22.12	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	13.02	24	16.57	22.42	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	13.08	24	16.63	22.42	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	12.83	24	16.38	22.41	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	13.87	24	17.42	23.01	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	13.74	24	17.29	23.01	Pass

Note 1: EIRP= Output Power+Antenna Gain, Antenna Gain=3.55dBi

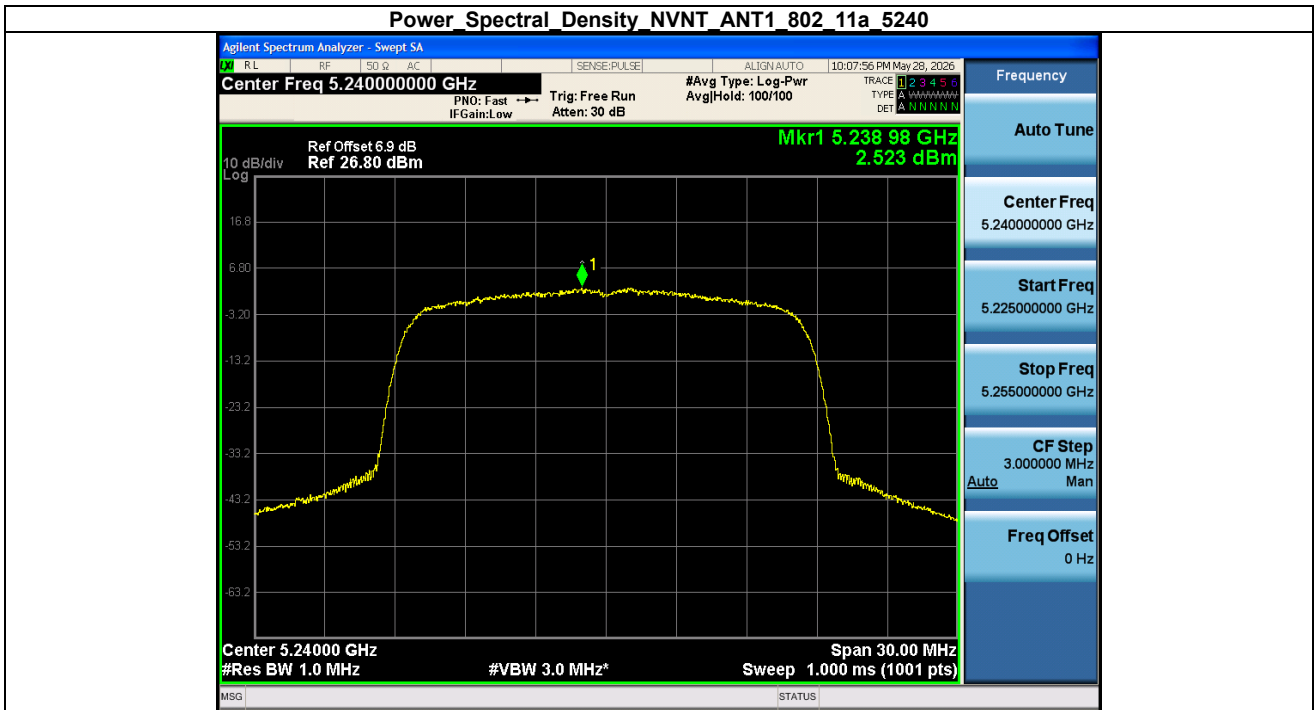
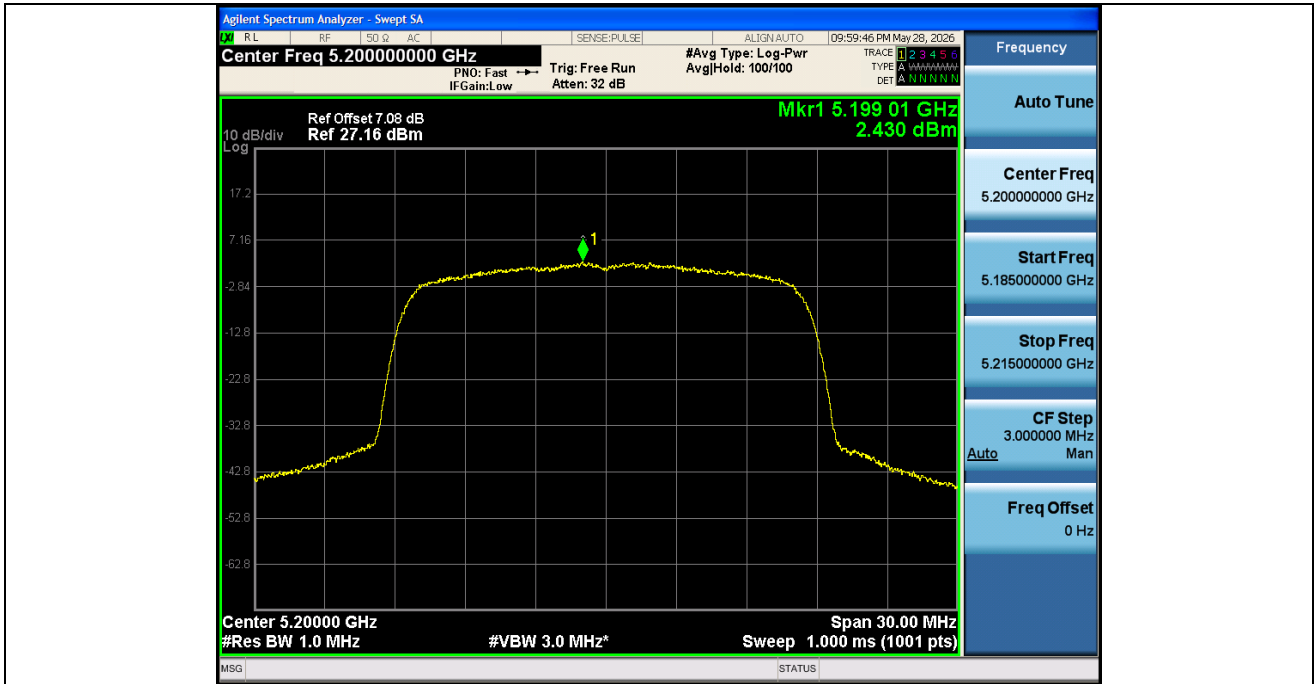
Note 2: The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$ dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.

4. Power Spectral Density

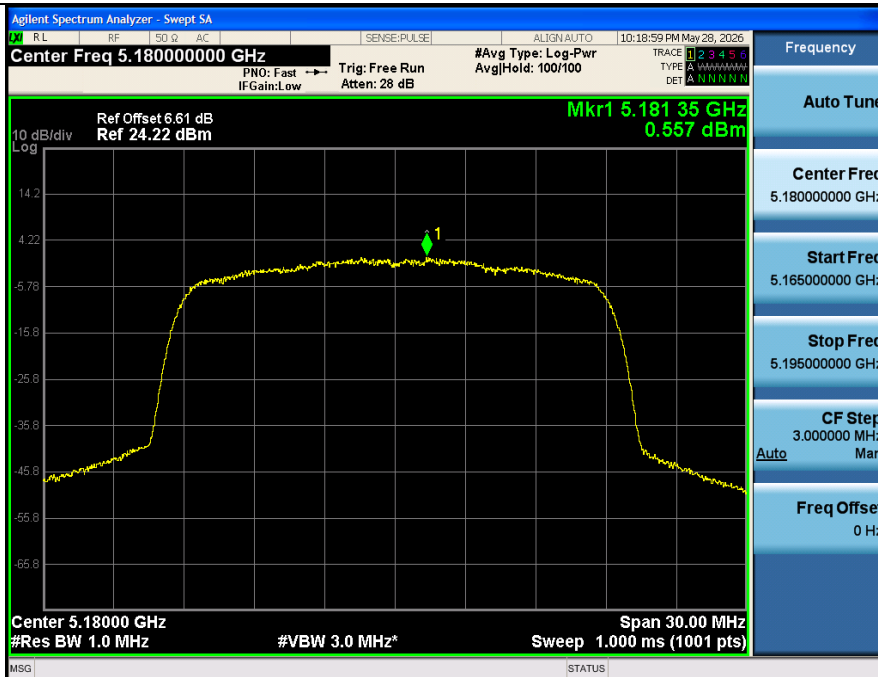
Condition	Antenna	Modulation	Frequency (MHz)	PSD (dBm/MHz)	Duty factor (dB)	Total PSD (dBm/MHz)	E.I.R.P PSD (dBm/MHz)	Conducted limit(dBm)	E.I.R.P limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	2.31	0.00	2.31	5.86	11	10	Pass
NVNT	ANT1	802.11a	5200.00	2.43	0.00	2.43	5.98	11	10	Pass
NVNT	ANT1	802.11a	5240.00	2.52	0.00	2.52	6.07	11	10	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	0.56	0.00	0.56	4.11	11	10	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	0.62	0.00	0.62	4.17	11	10	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	0.42	0.00	0.42	3.97	11	10	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-1.43	0.00	-1.43	2.12	11	10	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-1.62	0.00	-1.62	1.93	11	10	Pass



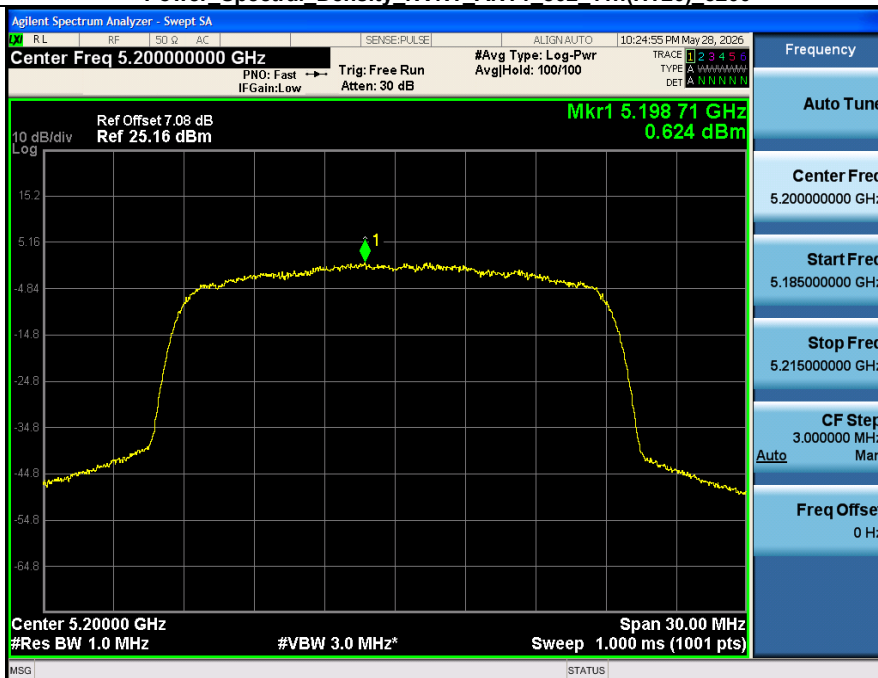
Power Spectral Density NVNT ANT1 802 11a 5200



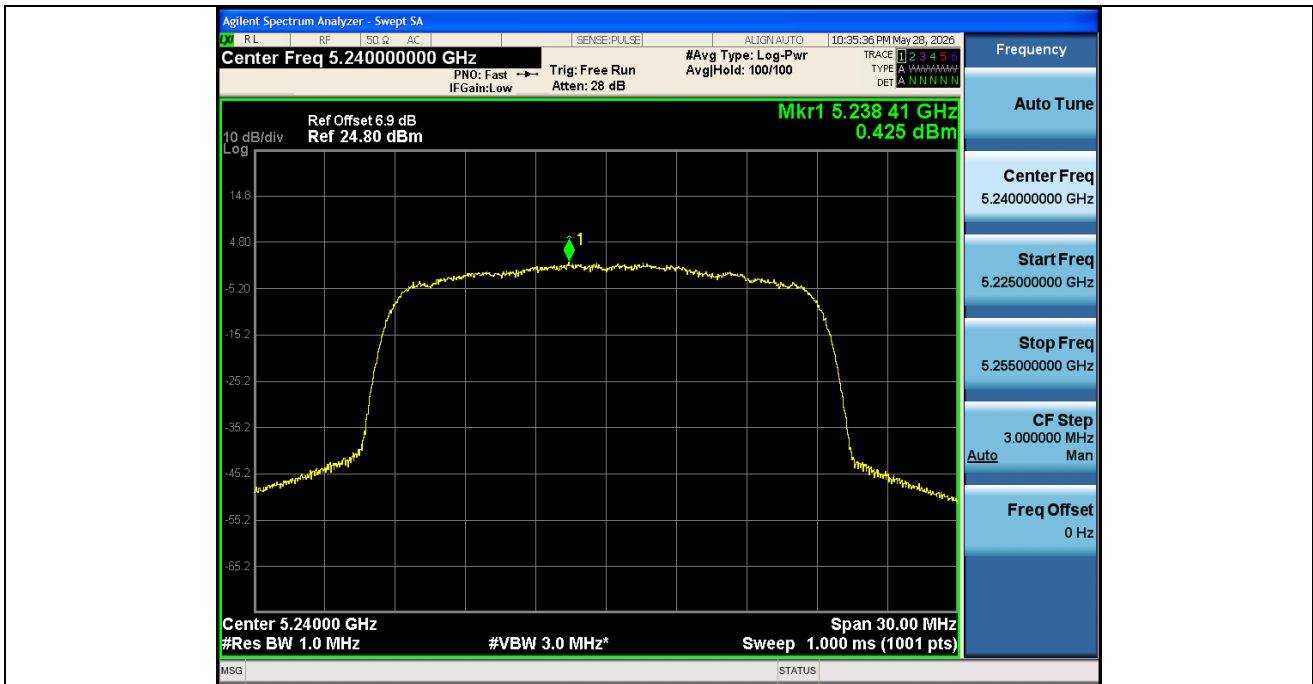
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5180



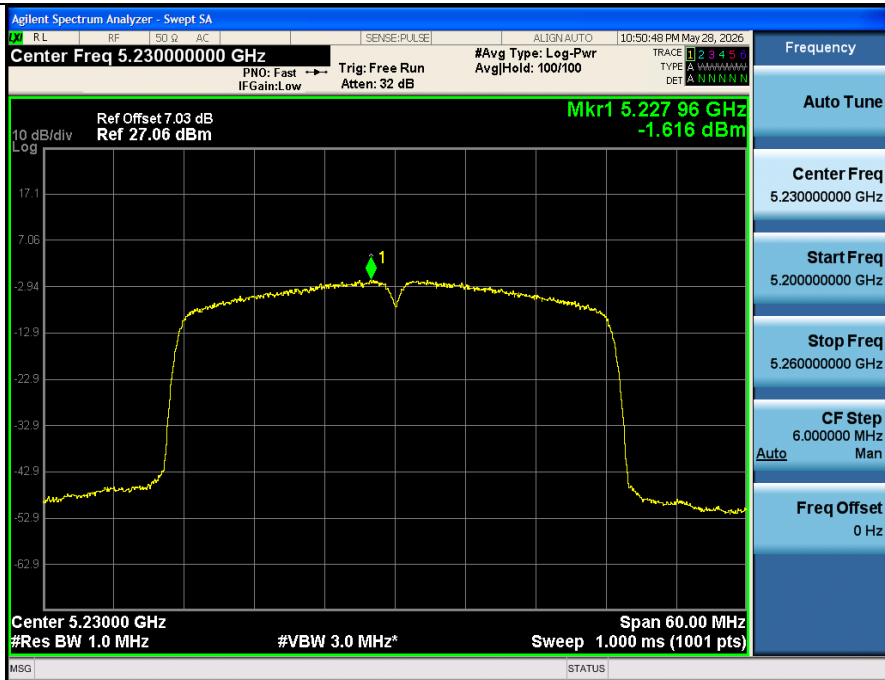
Power Spectral Density NVNT ANT1 802 11n(HT20) 5200



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



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5230



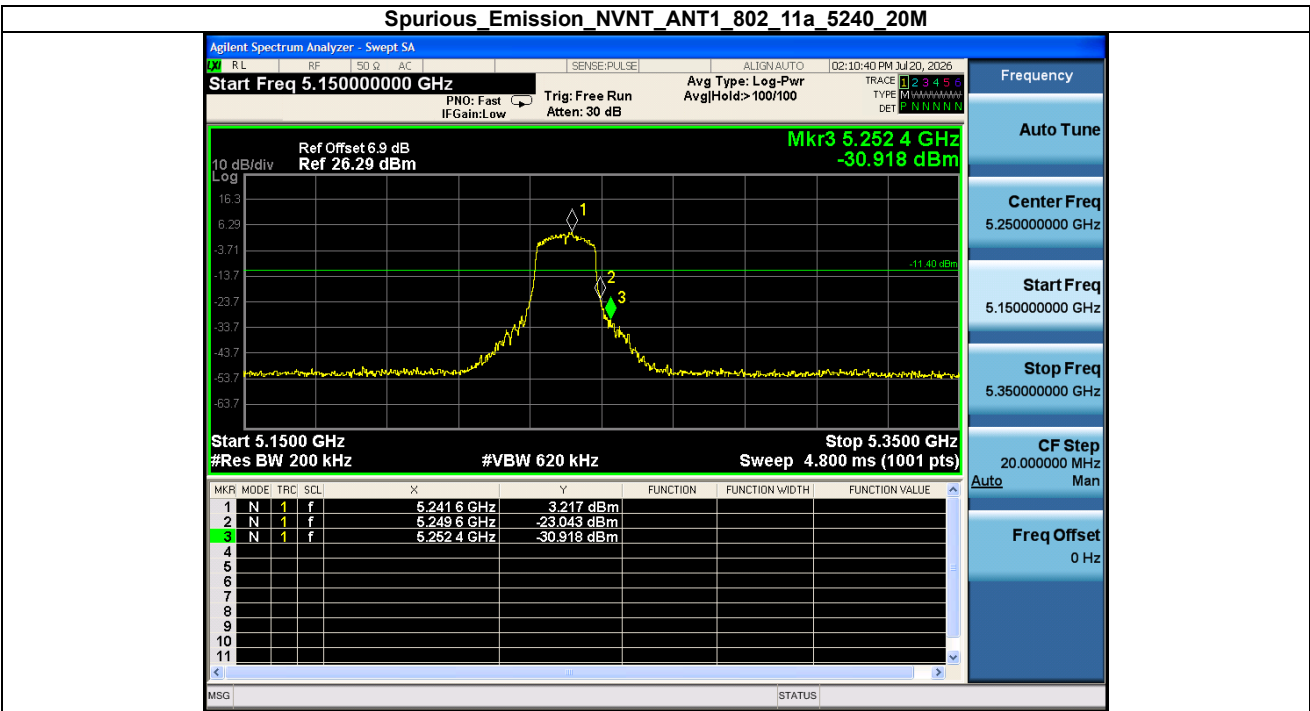
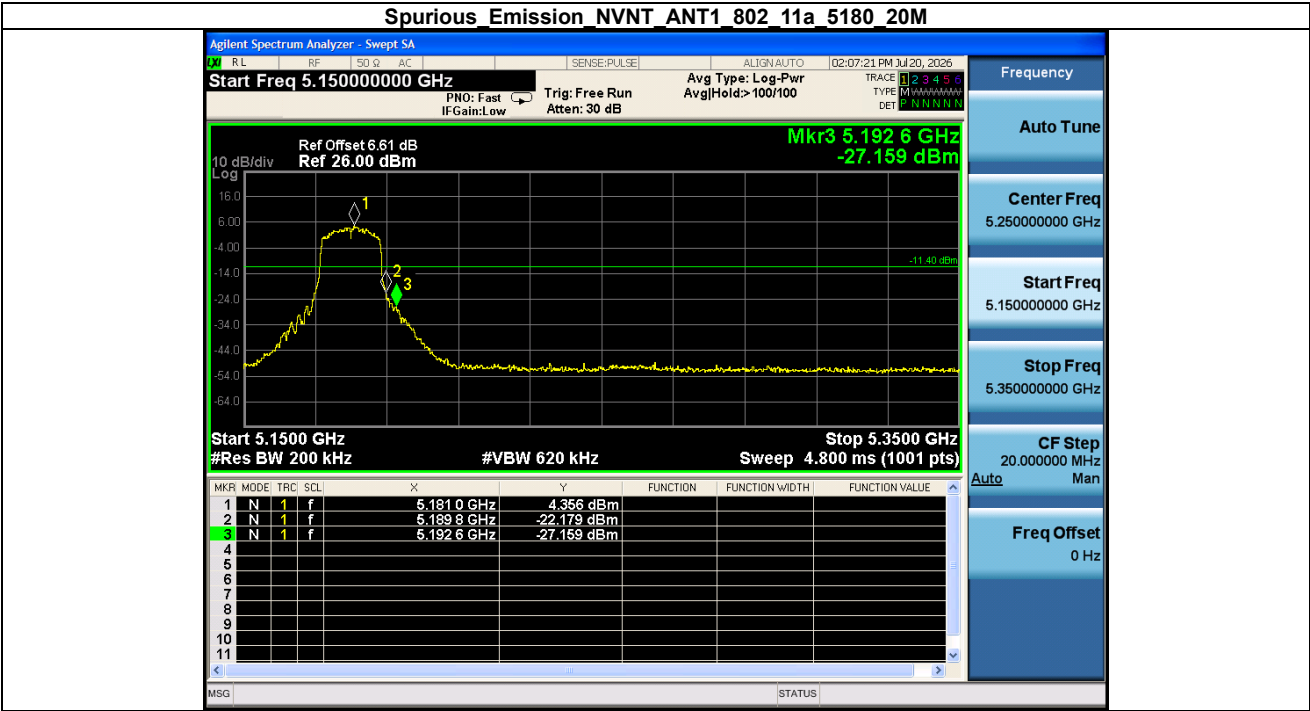
5. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	FI(MHz)	Fh(MHz)	Limit(MHz)	Result
65degrees C&&5.0V	ANT1	802.11a	5180.00	5179.996	5172.344	5187.672	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11a	5180.00	5179.984	5172.500	5187.516	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11a	5180.00	5179.956	5171.560	5188.372	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11a	5180.00	5179.994	5171.828	5188.160	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11a	5180.00	5180.002	5171.948	5188.056	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11a	5180.00	5180.014	5172.044	5187.984	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11a	5180.00	5180.008	5172.116	5187.900	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11a	5180.00	5180.012	5172.204	5187.820	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11a	5180.00	5180.012	5172.276	5187.748	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11a	5180.00	5180.008	5172.344	5187.672	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11a	5180.00	5180.006	5172.416	5187.596	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11a	5180.00	5180.008	5172.500	5187.516	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11a	5180.00	5180.006	5172.576	5187.436	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11a	5200.00	5200.022	5192.048	5207.996	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11a	5200.00	5200.006	5192.316	5207.696	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11a	5200.00	5199.976	5191.572	5208.380	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11a	5200.00	5200.006	5191.828	5208.184	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11a	5200.00	5200.014	5191.956	5208.072	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11a	5200.00	5200.022	5192.048	5207.996	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11a	5200.00	5200.020	5192.128	5207.912	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11a	5200.00	5200.020	5192.196	5207.844	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11a	5200.00	5200.024	5192.264	5207.784	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11a	5200.00	5200.006	5192.316	5207.696	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11a	5200.00	5199.998	5192.376	5207.620	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11a	5200.00	5199.996	5192.460	5207.532	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11a	5200.00	5200.010	5192.540	5207.480	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11a	5240.00	5240.002	5232.044	5247.960	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11a	5240.00	5240.012	5232.336	5247.688	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11a	5240.00	5239.980	5231.584	5248.376	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11a	5240.00	5239.988	5231.816	5248.160	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11a	5240.00	5240.004	5231.948	5248.060	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11a	5240.00	5240.002	5232.044	5247.960	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11a	5240.00	5240.002	5232.124	5247.880	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11a	5240.00	5239.996	5232.188	5247.804	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11a	5240.00	5240.002	5232.256	5247.748	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11a	5240.00	5240.012	5232.336	5247.688	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11a	5240.00	5239.986	5232.392	5247.580	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11a	5240.00	5239.988	5232.460	5247.516	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11a	5240.00	5239.988	5232.532	5247.444	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.006	5171.388	5188.624	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.006	5171.884	5188.128	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.024	5171.064	5188.984	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.008	5171.272	5188.744	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.006	5171.388	5188.624	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.006	5171.500	5188.512	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.002	5171.604	5188.400	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.002	5171.700	5188.304	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.010	5171.796	5188.224	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.006	5171.884	5188.128	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11n(HT20)	5180.00	5180.008	5171.972	5188.044	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11n(HT20)	5180.00	5180.004	5172.044	5187.964	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11n(HT20)	5180.00	5180.010	5172.120	5187.900	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.612	5208.428	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.968	5208.072	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.022	5191.060	5208.984	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.276	5208.764	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.396	5208.644	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.022	5191.504	5208.540	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.612	5208.428	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.018	5191.700	5208.336	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.788	5208.252	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.010	5191.884	5208.136	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11n(HT20)	5200.00	5200.020	5191.968	5208.072	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11n(HT20)	5200.00	5200.020	5192.052	5207.988	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11n(HT20)	5200.00	5200.028	5192.136	5207.920	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5240.000	5231.504	5248.496	5150~5250	Pass

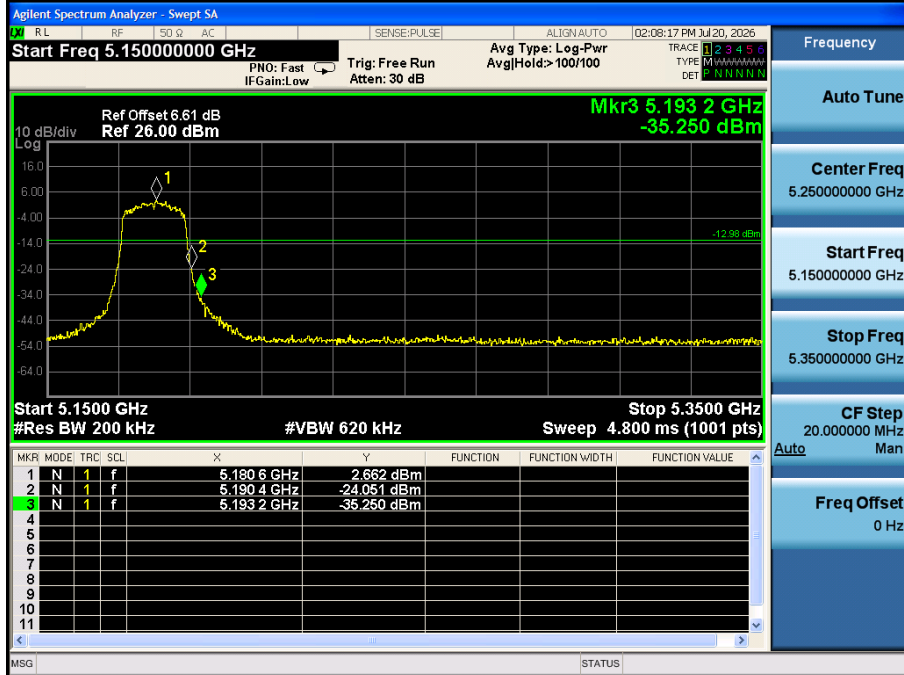
60degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5239.978	5232.020	5247.936	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5240.022	5231.068	5248.976	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5240.008	5231.276	5248.740	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5240.002	5231.392	5248.612	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5240.000	5231.504	5248.496	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5239.994	5231.604	5248.384	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5239.990	5231.684	5248.296	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5239.984	5231.780	5248.188	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5239.984	5231.868	5248.100	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11n(HT20)	5240.00	5239.982	5231.952	5248.012	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11n(HT20)	5240.00	5239.978	5232.020	5247.936	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11n(HT20)	5240.00	5239.980	5232.084	5247.876	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.128	5173.112	5207.144	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.136	5173.680	5206.592	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.068	5172.120	5208.016	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.044	5172.368	5207.720	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.064	5172.600	5207.528	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.076	5172.848	5207.304	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.128	5173.112	5207.144	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.080	5173.288	5206.872	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.092	5173.496	5206.688	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.136	5173.680	5206.592	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11n(HT40)	5190.00	5190.116	5173.888	5206.344	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11n(HT40)	5190.00	5190.124	5174.088	5206.160	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11n(HT40)	5190.00	5190.116	5174.280	5205.952	5150~5250	Pass
65degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.088	5213.160	5247.016	5150~5250	Pass
60degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.128	5213.992	5246.264	5150~5250	Pass
50degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.064	5212.144	5247.984	5150~5250	Pass
40degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.048	5212.400	5247.696	5150~5250	Pass
30degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.624	5247.464	5150~5250	Pass
20degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.084	5212.896	5247.272	5150~5250	Pass
10degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.088	5213.160	5247.016	5150~5250	Pass
0degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.088	5213.368	5246.808	5150~5250	Pass
-10degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.084	5213.560	5246.608	5150~5250	Pass
-20degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.116	5213.768	5246.464	5150~5250	Pass
25degrees C&&5.5V	ANT1	802.11n(HT40)	5230.00	5230.128	5213.992	5246.264	5150~5250	Pass
25degrees C&&5.0V	ANT1	802.11n(HT40)	5230.00	5230.132	5214.160	5246.104	5150~5250	Pass
25degrees C&&4.5V	ANT1	802.11n(HT40)	5230.00	5230.136	5214.368	5245.904	5150~5250	Pass

6. Spurious Emission

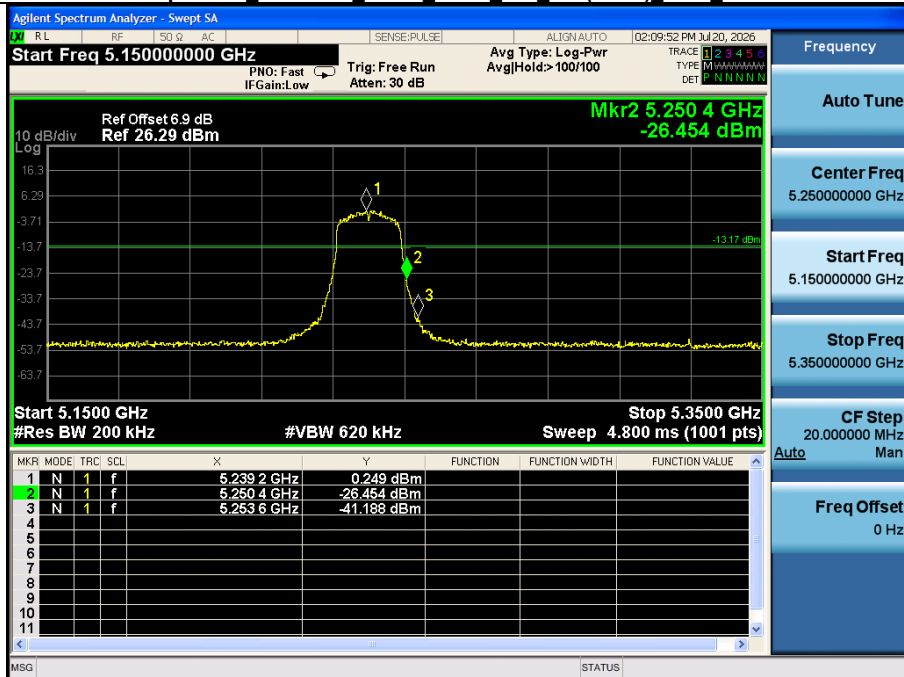
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level (dBm)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	4.356	5189.8	-22.179	-11.40	Pass
NVNT	ANT1	802.11a	5240.00	3.217	5249.6	-23.043	-11.40	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	2.662	5190.4	-24.051	-12.98	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	0.249	5250.4	-26.454	-13.17	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	4.743	5209.4	-22.304	-12.13	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	2.648	5249.4	-24.497	-12.26	Pass



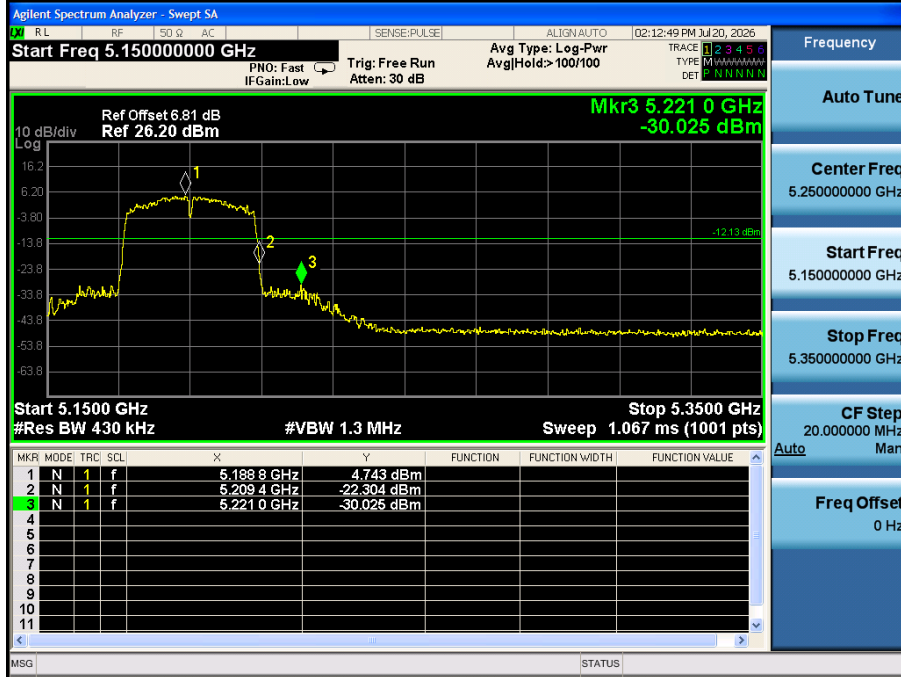
Spurious Emission NVNT ANT1 802 11n(HT20) 5180 20M



Spurious Emission NVNT ANT1 802 11n(HT20) 5240 20M



Spurious Emission NVNT ANT1 802 11n(HT40) 5190 40M



Spurious Emission NVNT ANT1 802 11n(HT40) 5230 40M

