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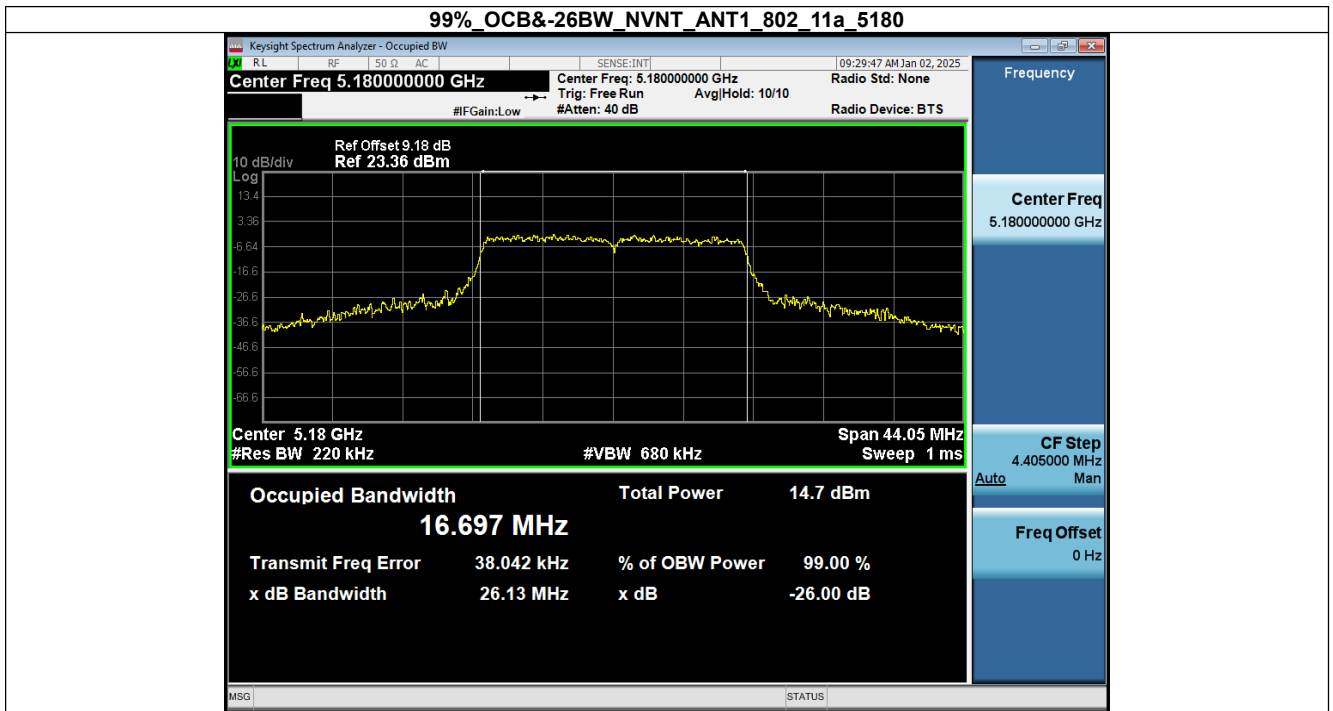
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FCC ID:2ANBA-E690H

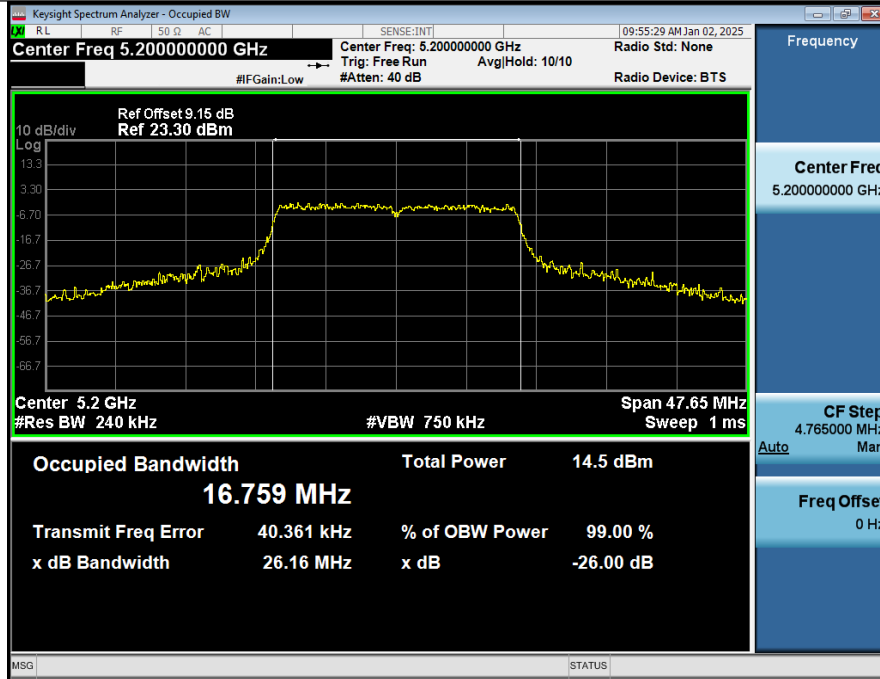
FCC_5.2G_WIFI (Part15.407) Test Data

1. -26dB and 99% Emission Bandwidth

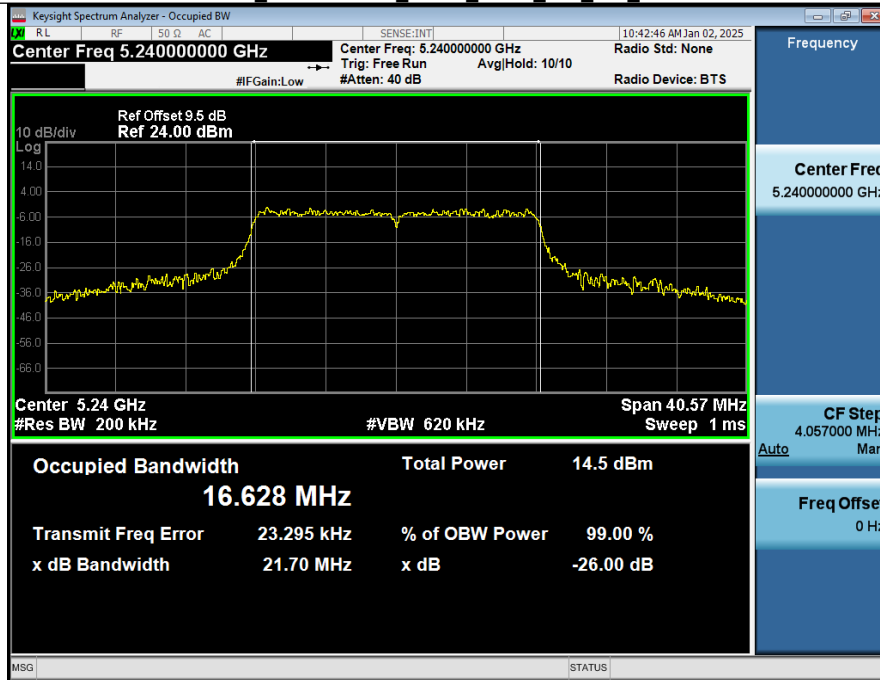
Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	26.13	16.697
NVNT	ANT1	802.11a	5200.00	26.16	16.759
NVNT	ANT1	802.11a	5240.00	21.70	16.628
NVNT	ANT1	802.11n(HT20)	5180.00	31.55	17.828
NVNT	ANT1	802.11n(HT20)	5200.00	28.72	17.870
NVNT	ANT1	802.11n(HT20)	5240.00	28.30	17.832
NVNT	ANT1	802.11ac(VHT20)	5180.00	28.82	17.861
NVNT	ANT1	802.11ac(VHT20)	5200.00	30.42	17.839
NVNT	ANT1	802.11ac(VHT20)	5240.00	24.95	17.848
NVNT	ANT1	802.11ax(HE20)	5180.00	27.87	17.857
NVNT	ANT1	802.11ax(HE20)	5200.00	31.07	17.814
NVNT	ANT1	802.11ax(HE20)	5240.00	27.36	17.750
NVNT	ANT1	802.11n(HT40)	5190.00	45.42	36.168
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	45.90	36.168
NVNT	ANT1	802.11ax(HE40)	5230.00	42.38	36.212



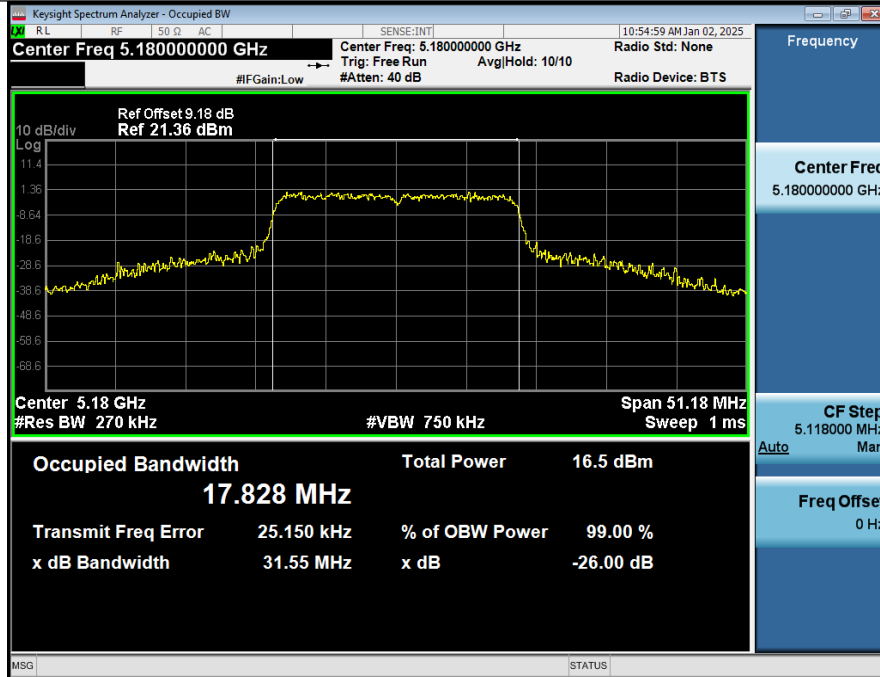
99%_OCB&-26BW_NVNT_ANT1_802_11a_5200



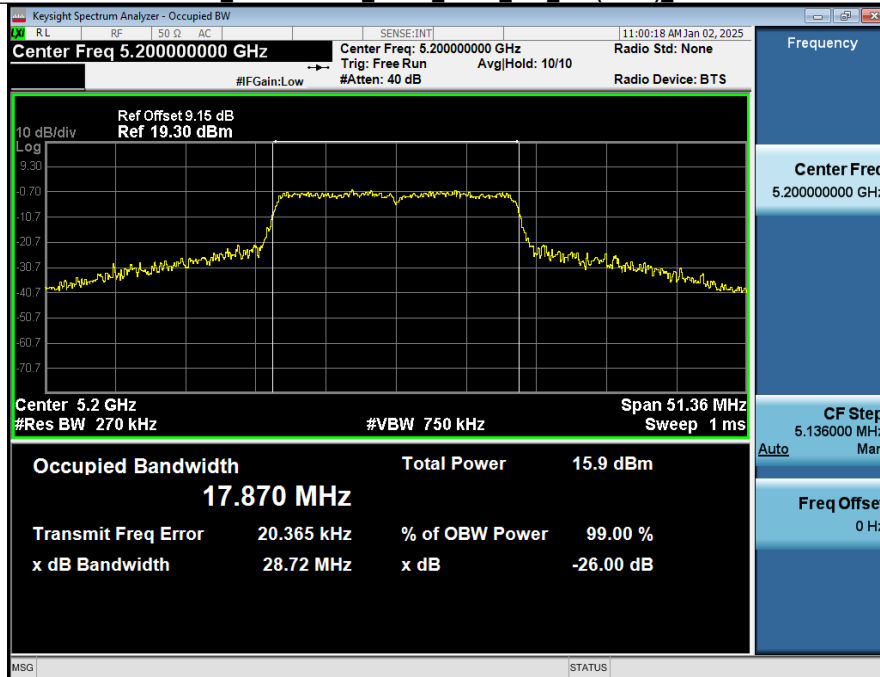
99%_OCB&-26BW_NVNT_ANT1_802_11a_5240



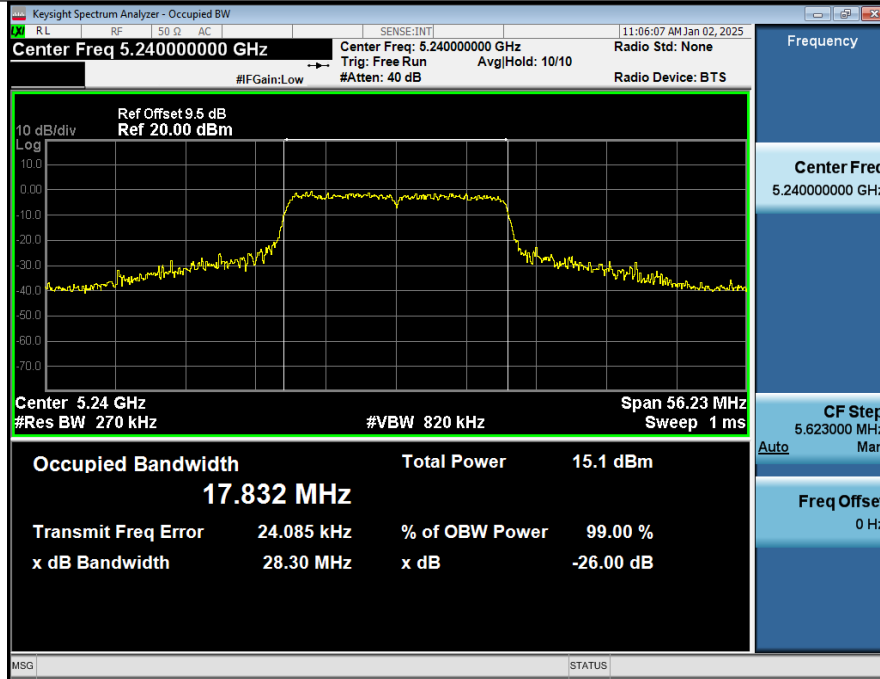
99% OCB&-26BW_NVNT_ANT1_802_11n(HT20)_5180



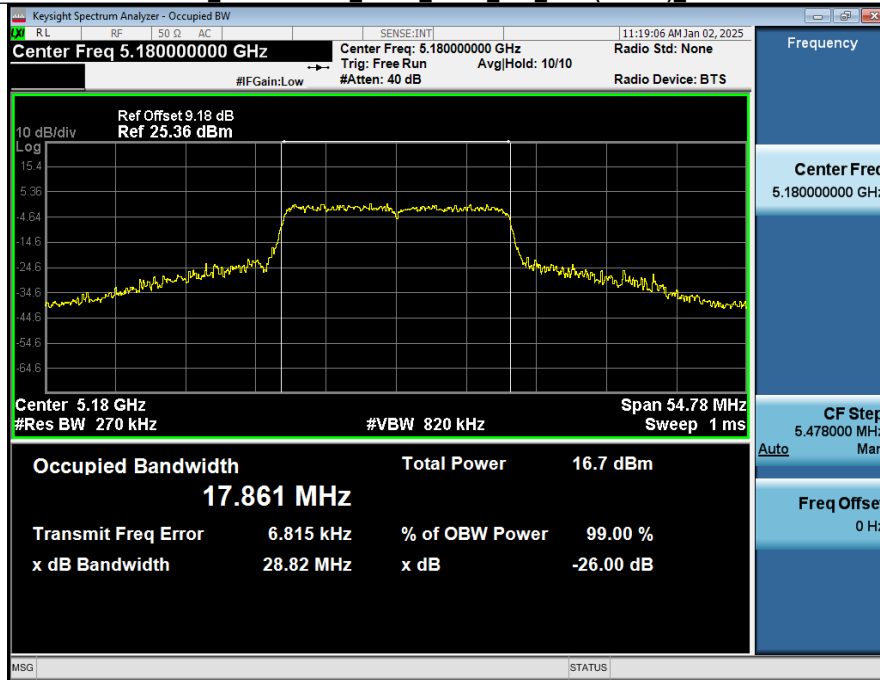
99% OCB&-26BW_NVNT_ANT1_802_11n(HT20)_5200



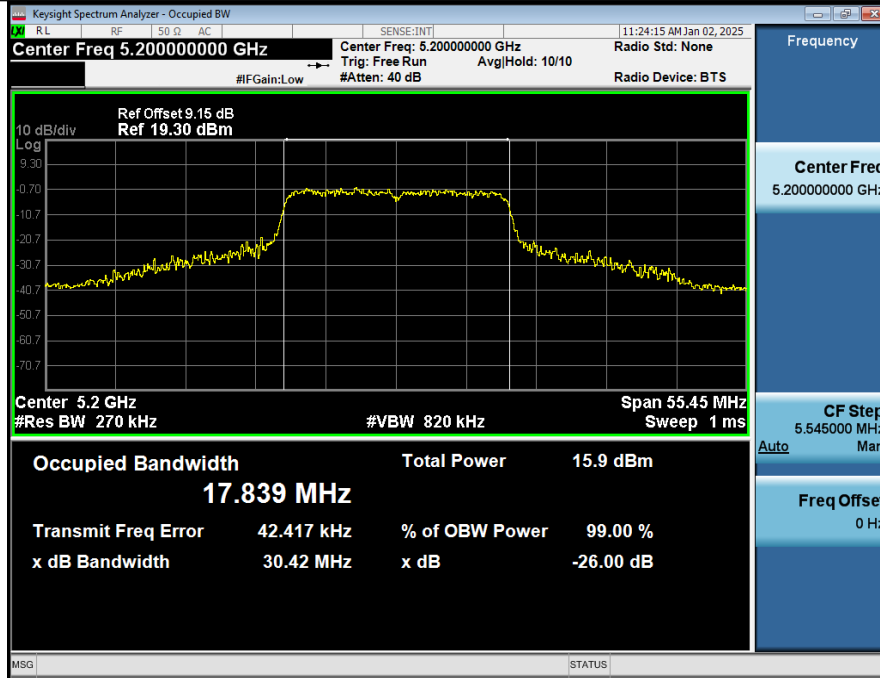
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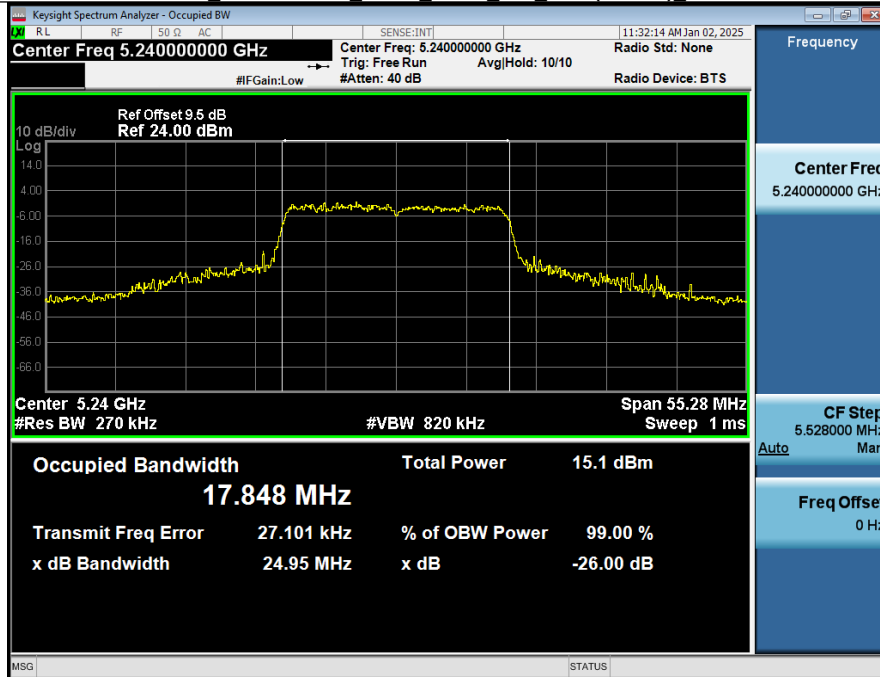
99% OCB&-26BW_NVNT_ANT1_802_11ac(VHT20)_5180



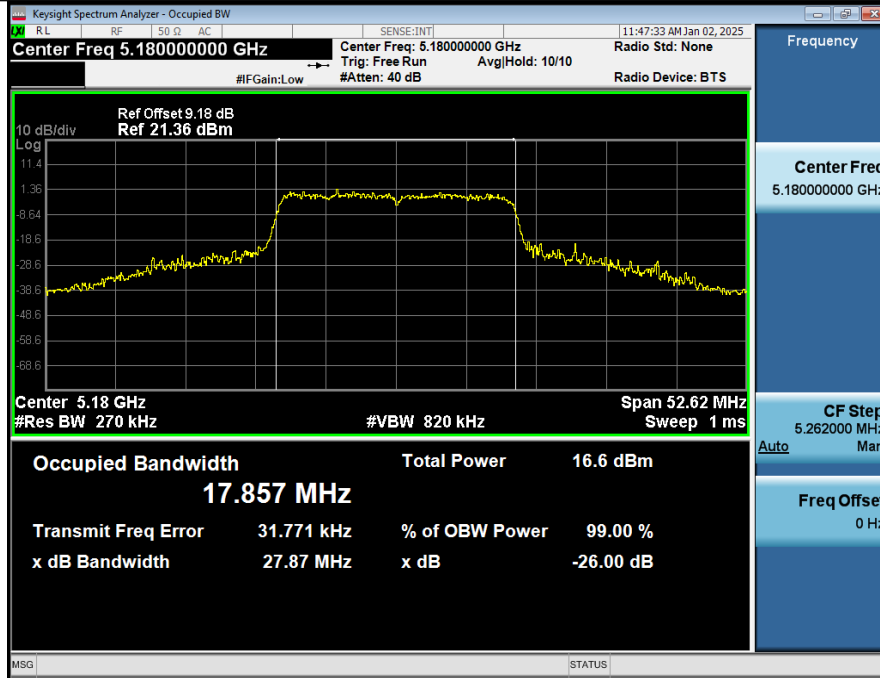
99% OCB&-26BW_NVNT_ANT1_802_11ac(VHT20)_5200



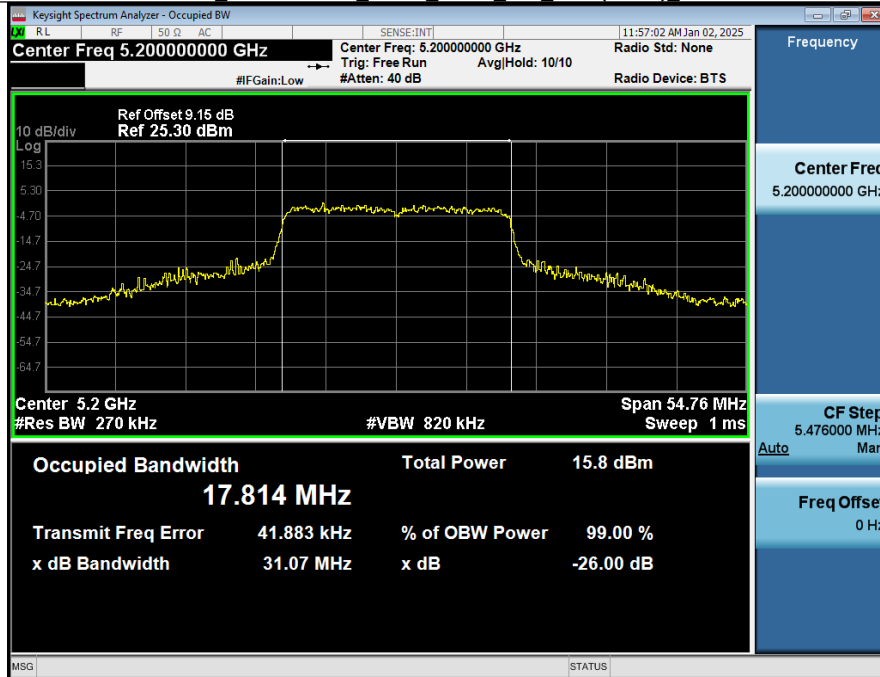
99% OCB&-26BW_NVNT_ANT1_802_11ac(VHT20)_5240



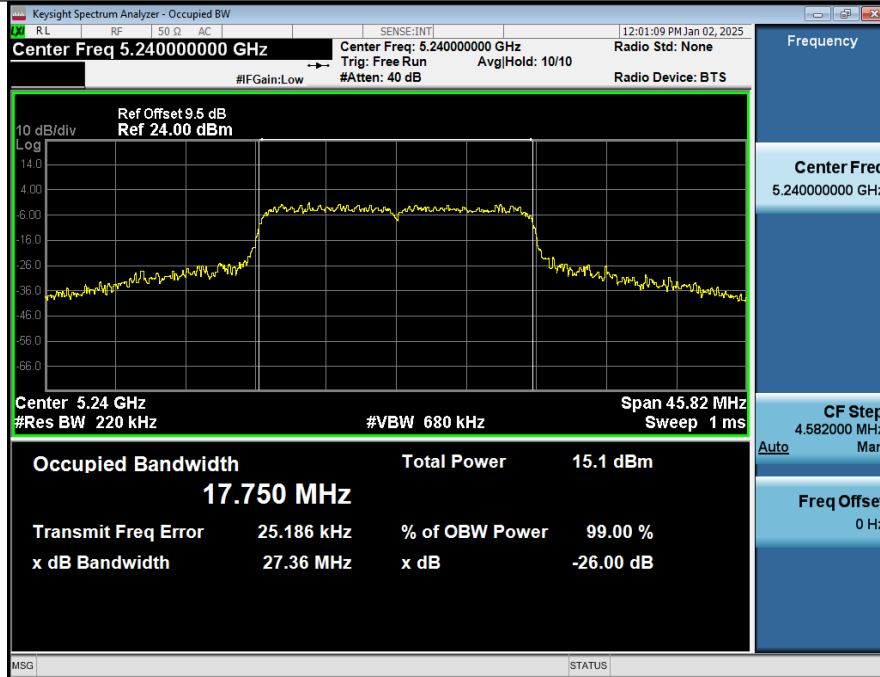
99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE20)_5180



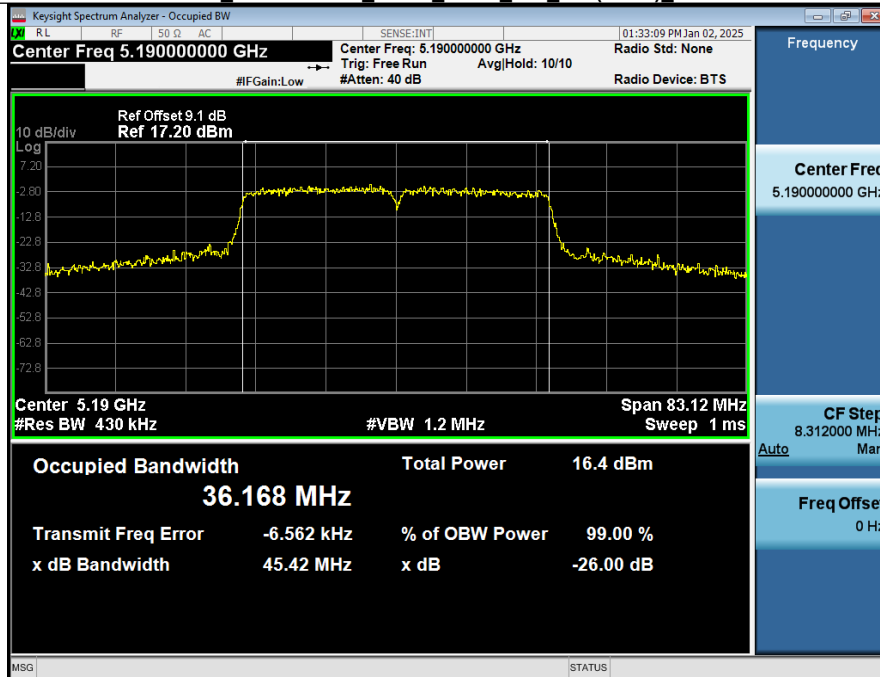
99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE20)_5200



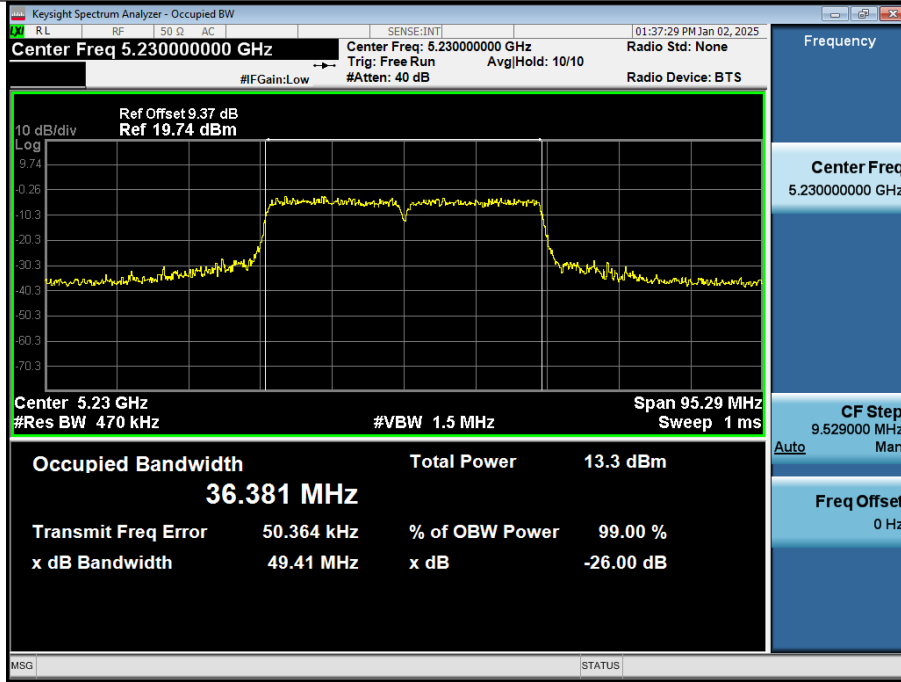
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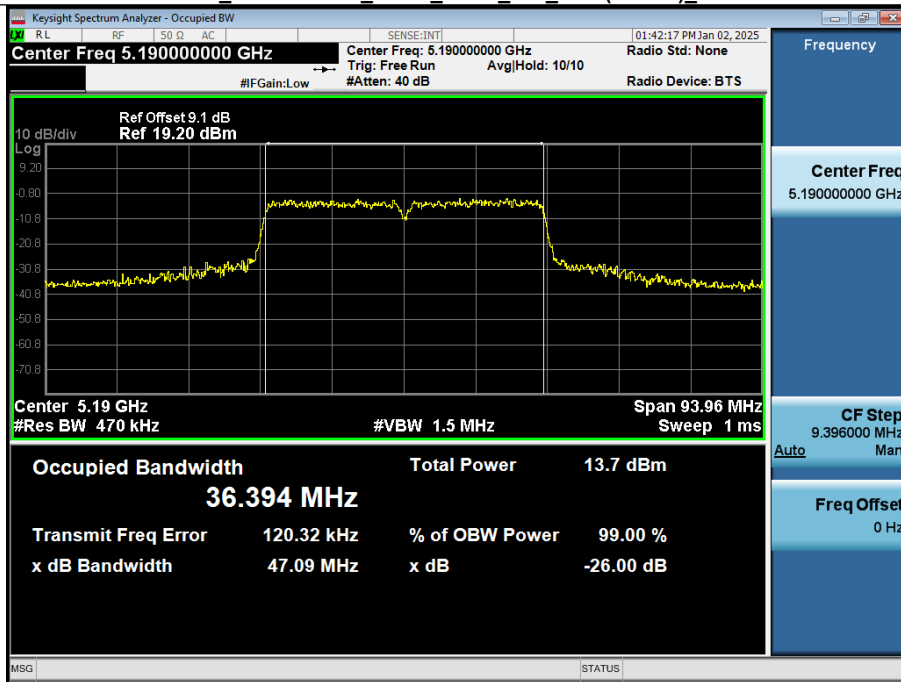
99%_OCB&-26BW_NVNT_ANT1_802_11n(HT40)_5190



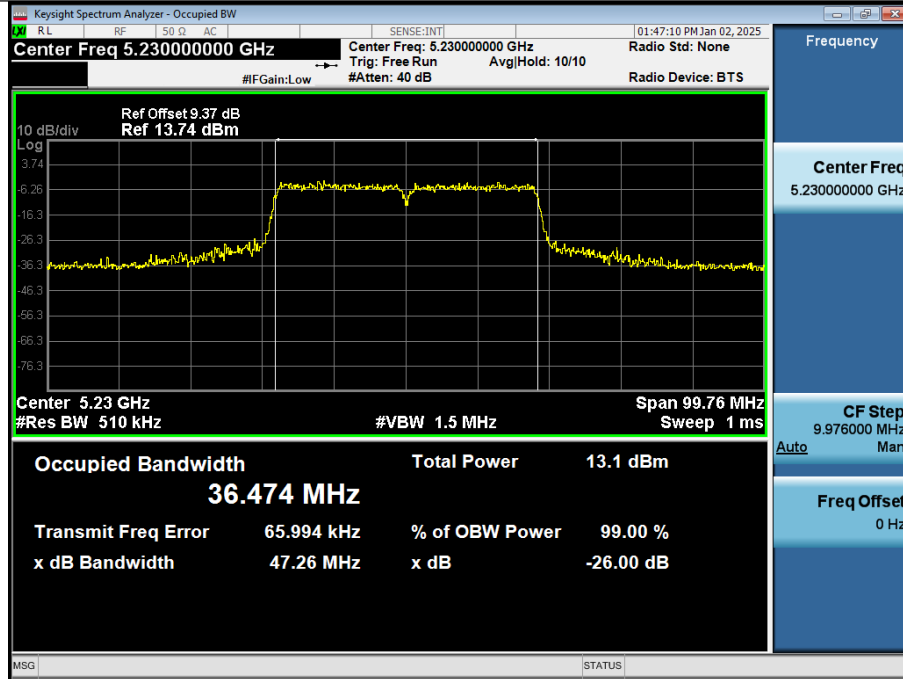
99% OCB&-26BW_NVNT_ANT1_802_11n(HT40)_5230



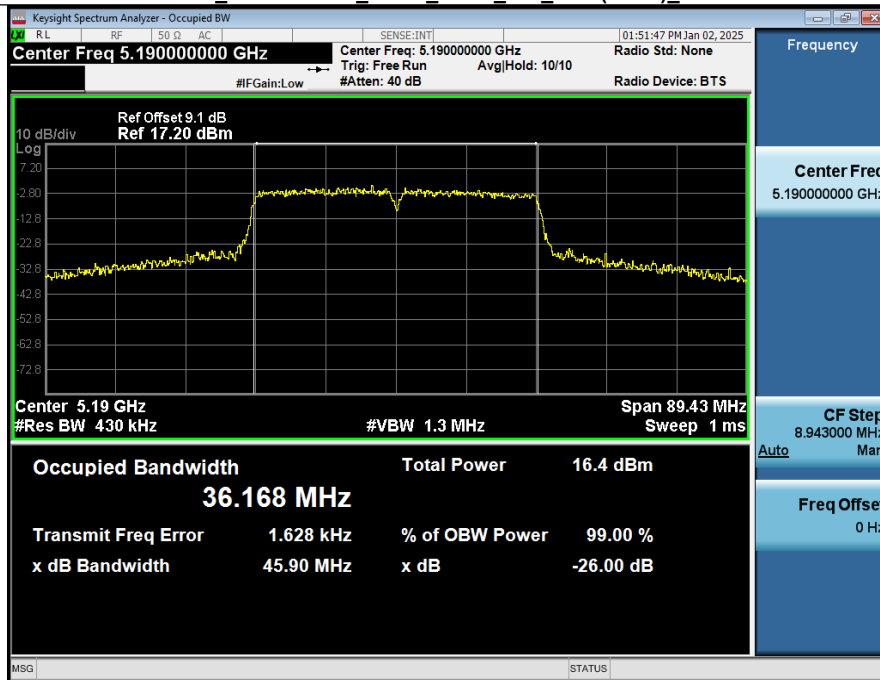
99% OCB&-26BW_NVNT_ANT1_802_11ac(VHT40)_5190



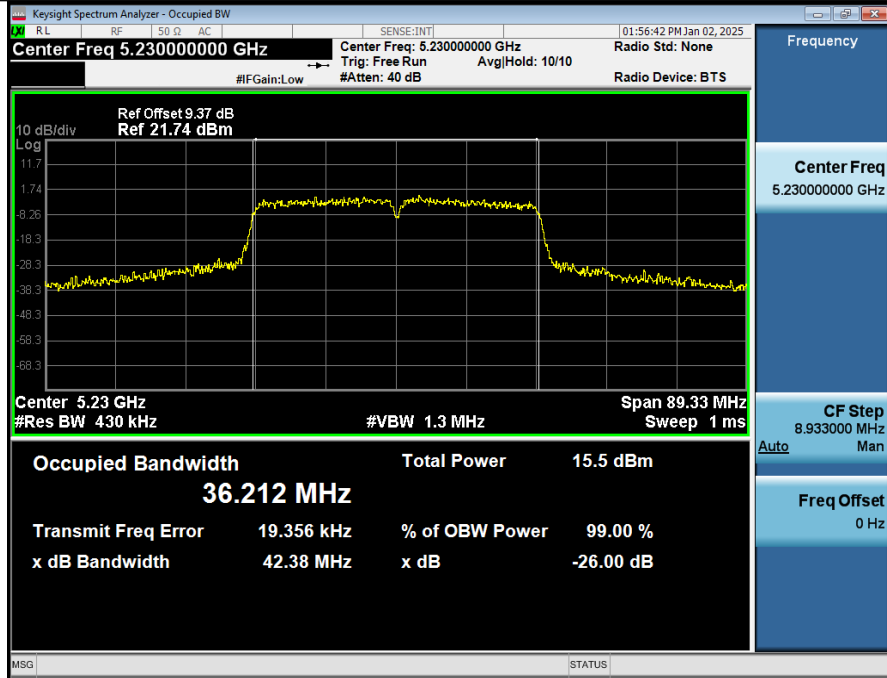
99%_OCB&-26BW_NVNT_ANT1_802_11ac(VHT40)_5230



99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE40)_5190

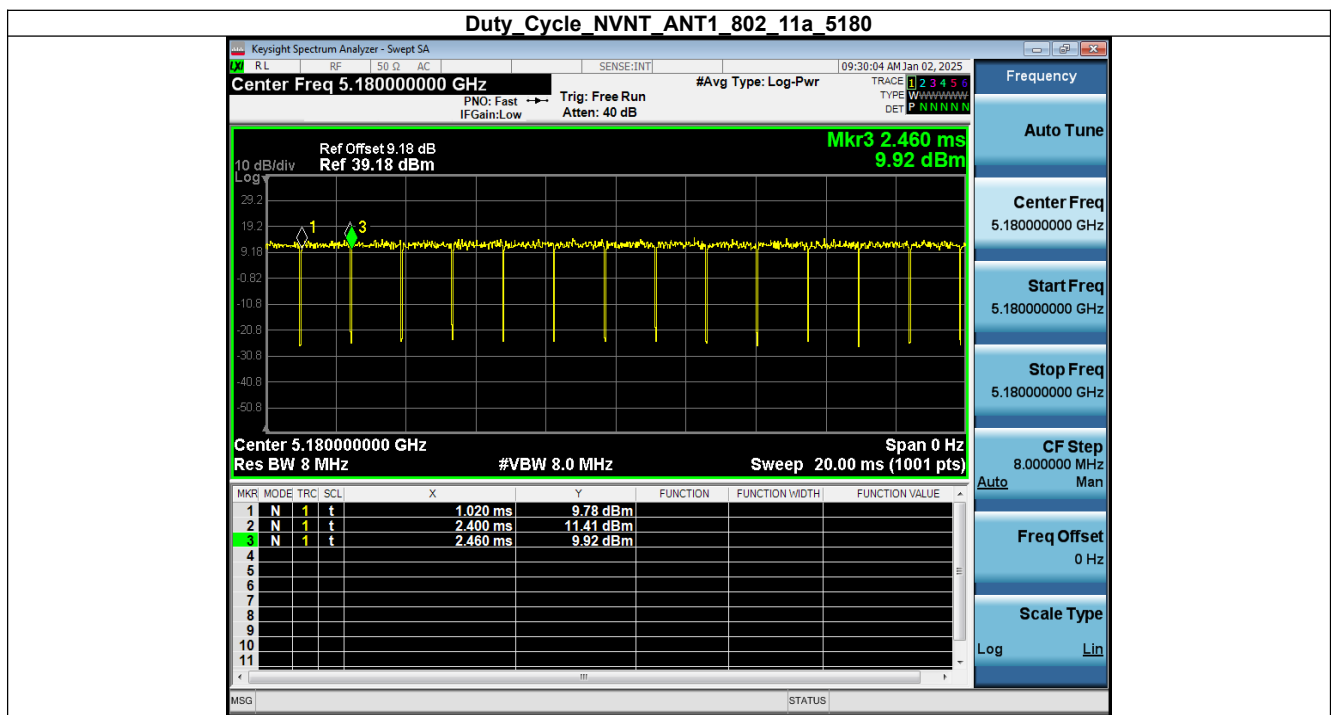


99%_OCB&-26BW_NVNT_ANT1_802_11ax(HE40)_5230

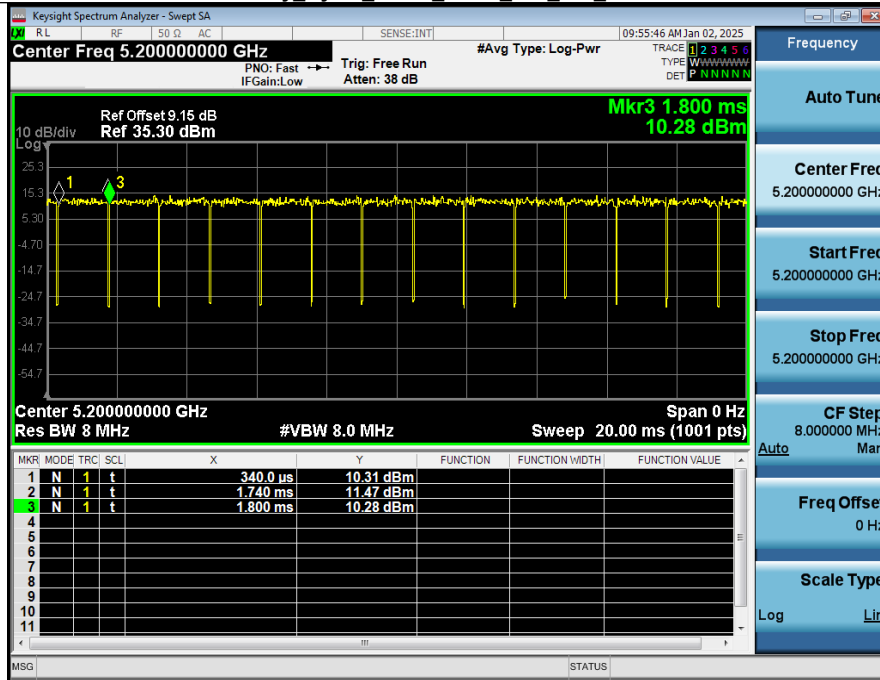


2. Duty Cycle

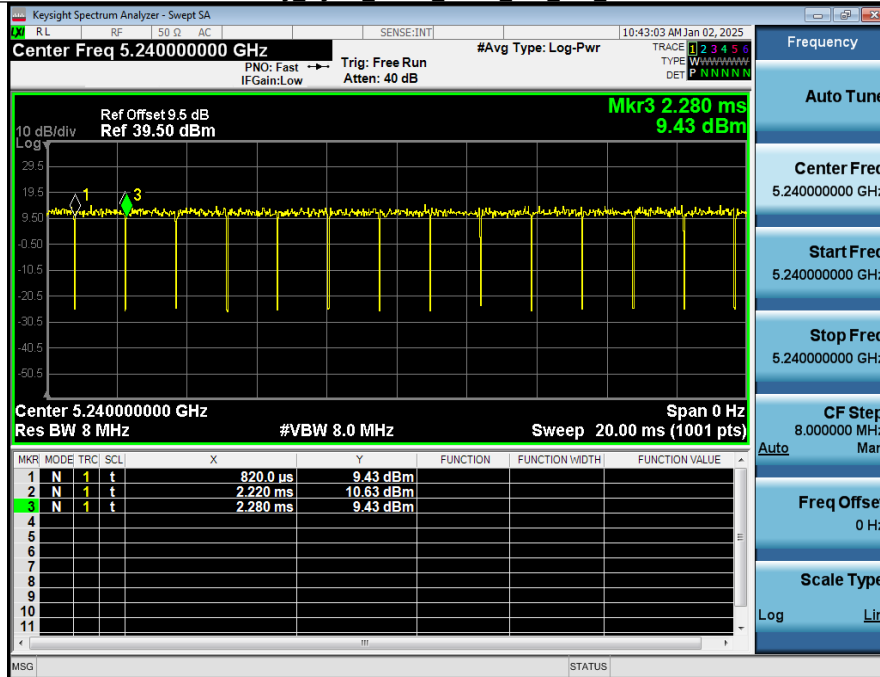
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	95.83	0.18
NVNT	ANT1	802.11a	5200.00	95.89	0.18
NVNT	ANT1	802.11a	5240.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5180.00	96.72	0.14
NVNT	ANT1	802.11n(HT20)	5200.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5240.00	96.72	0.14
NVNT	ANT1	802.11ac(VHT20)	5180.00	96.77	0.14
NVNT	ANT1	802.11ac(VHT20)	5200.00	96.77	0.14
NVNT	ANT1	802.11ac(VHT20)	5240.00	96.77	0.14
NVNT	ANT1	802.11ax(HE20)	5180.00	95.16	0.22
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	93.75	0.28
NVNT	ANT1	802.11n(HT40)	5230.00	93.75	0.28
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	93.75	0.28
NVNT	ANT1	802.11ax(HE40)	5230.00	90.63	0.43



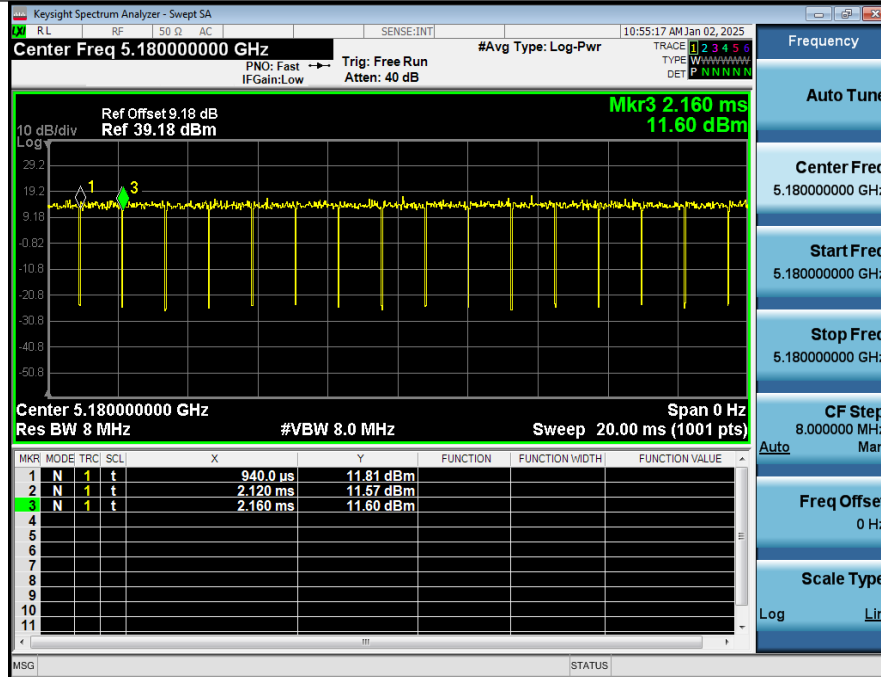
Duty Cycle NVNT ANT1_802_11a_5200



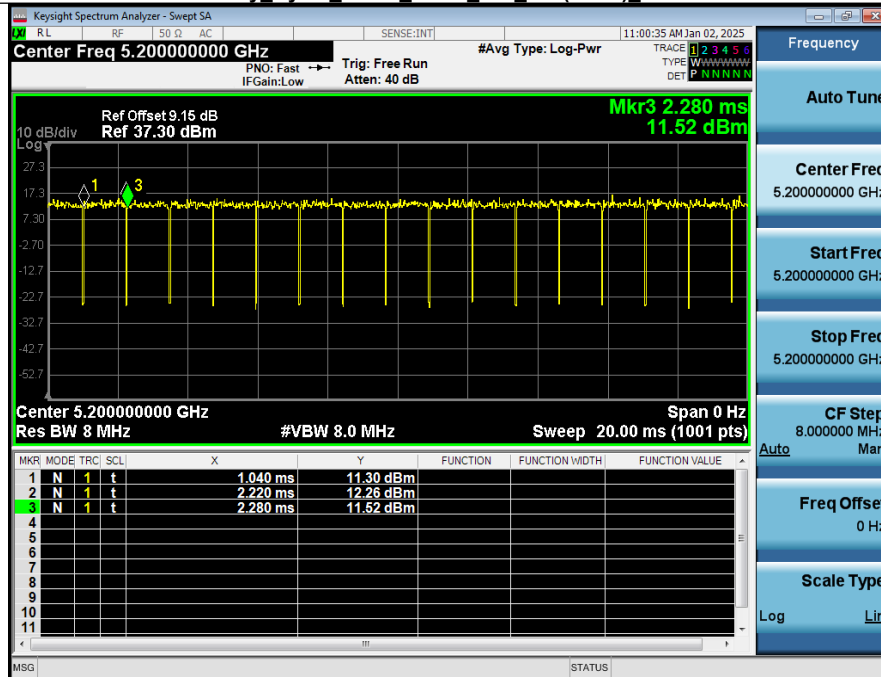
Duty Cycle NVNT ANT1_802_11a_5240



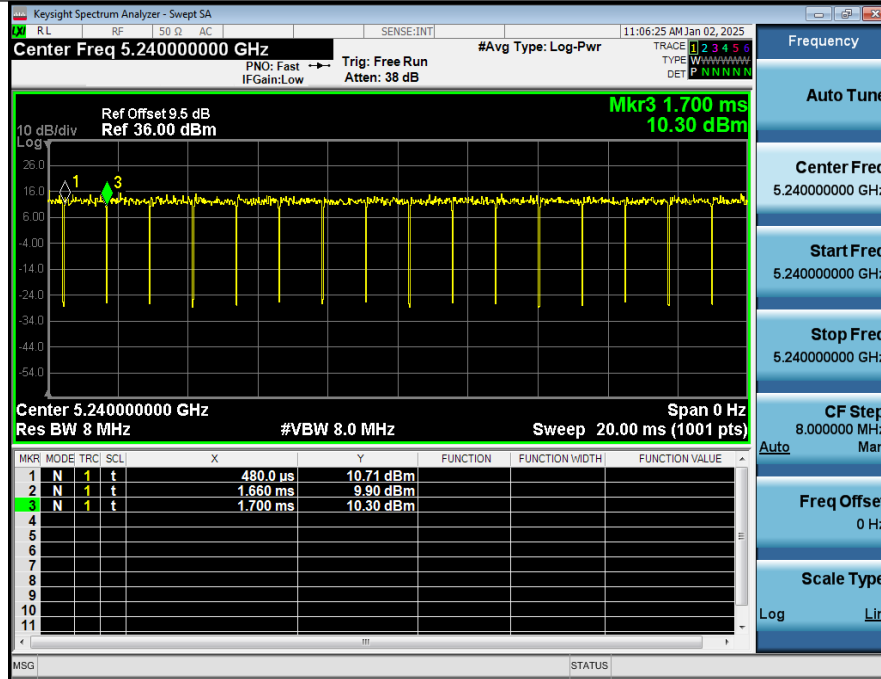
Duty Cycle NVNT_ANT1_802_11n(HT20)_5180



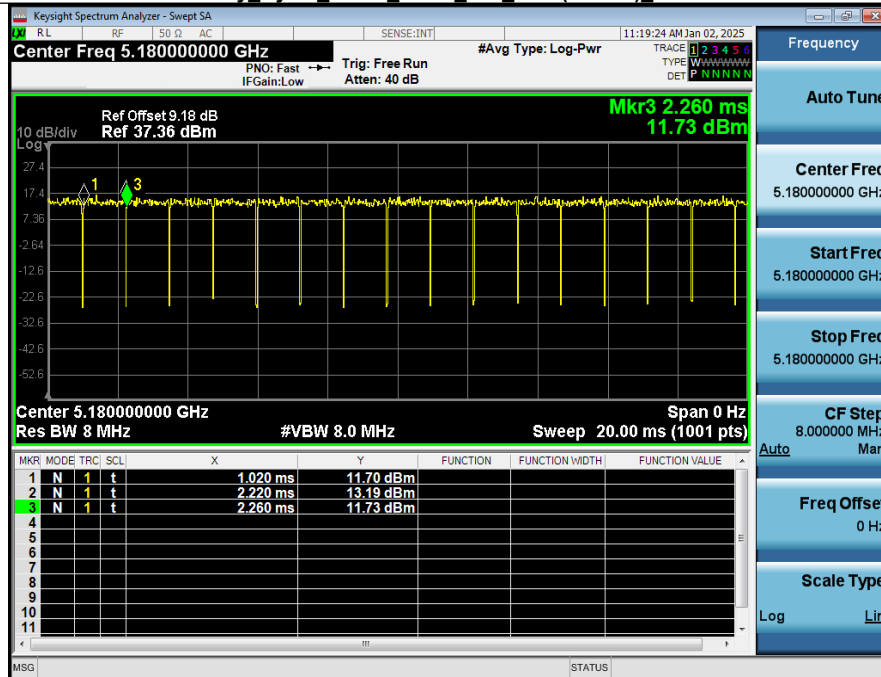
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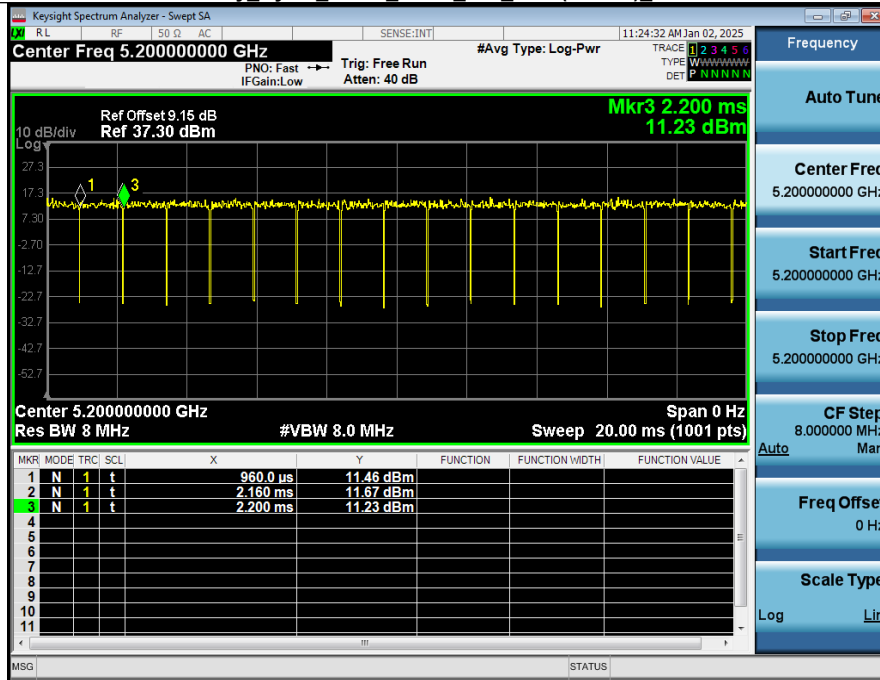
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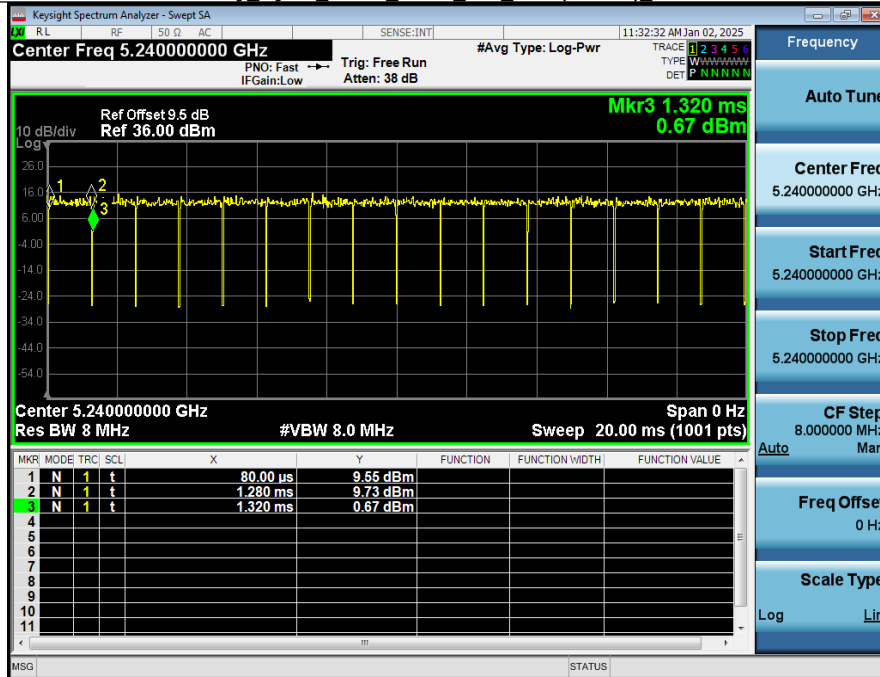
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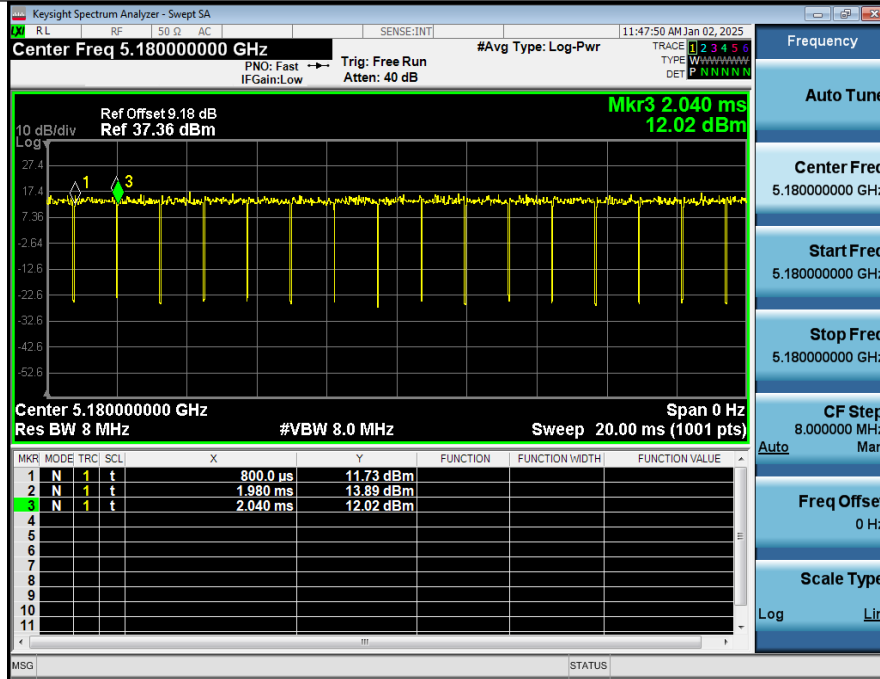
Duty Cycle NVNT_ANT1_802_11ac(VHT20)_5200



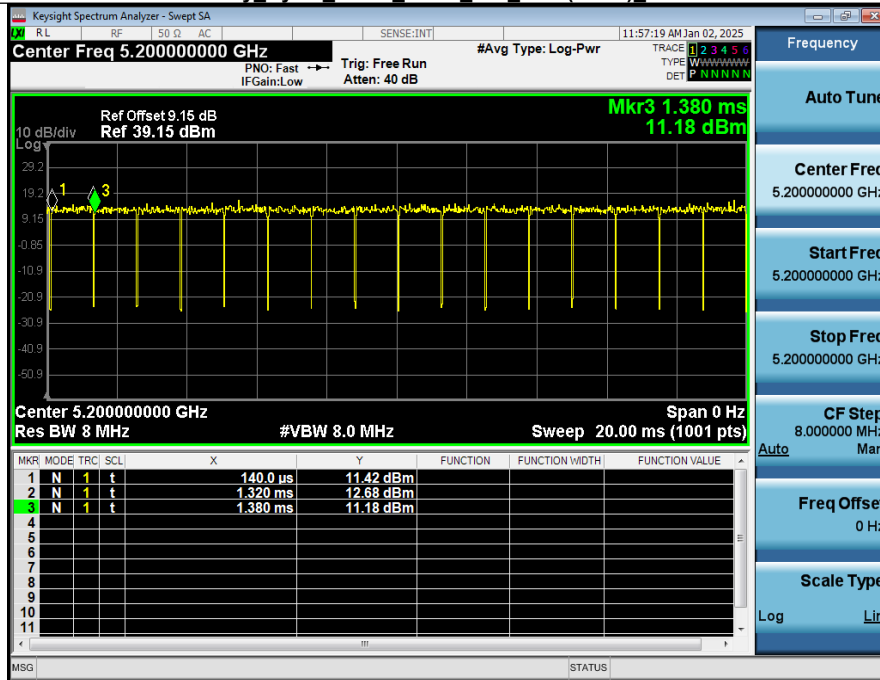
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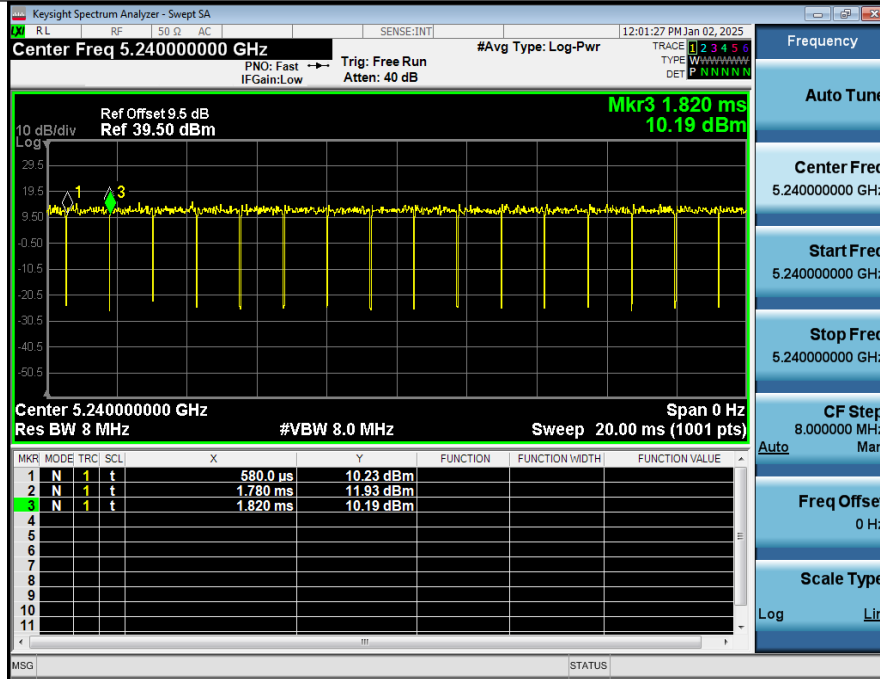
Duty Cycle NVNT_ANT1_802_11ax(HE20)_5180



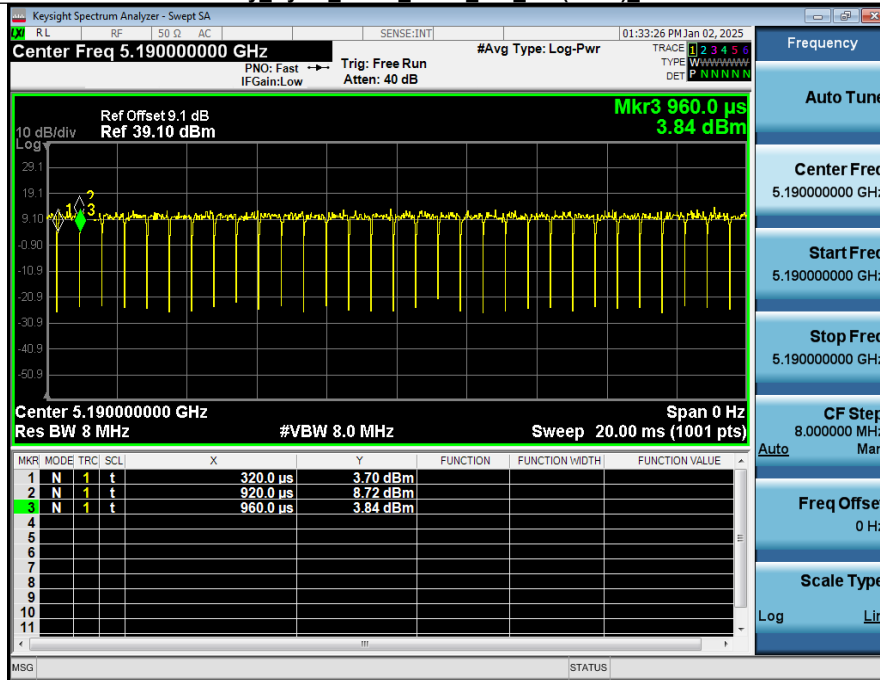
Duty Cycle NVNT_ANT1_802_11ax(HE20)_5200



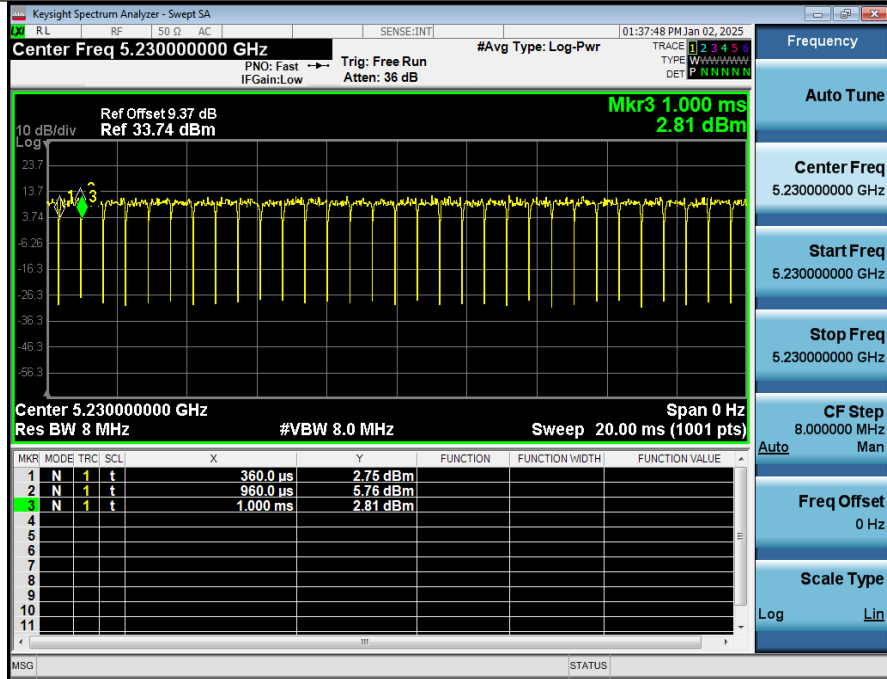
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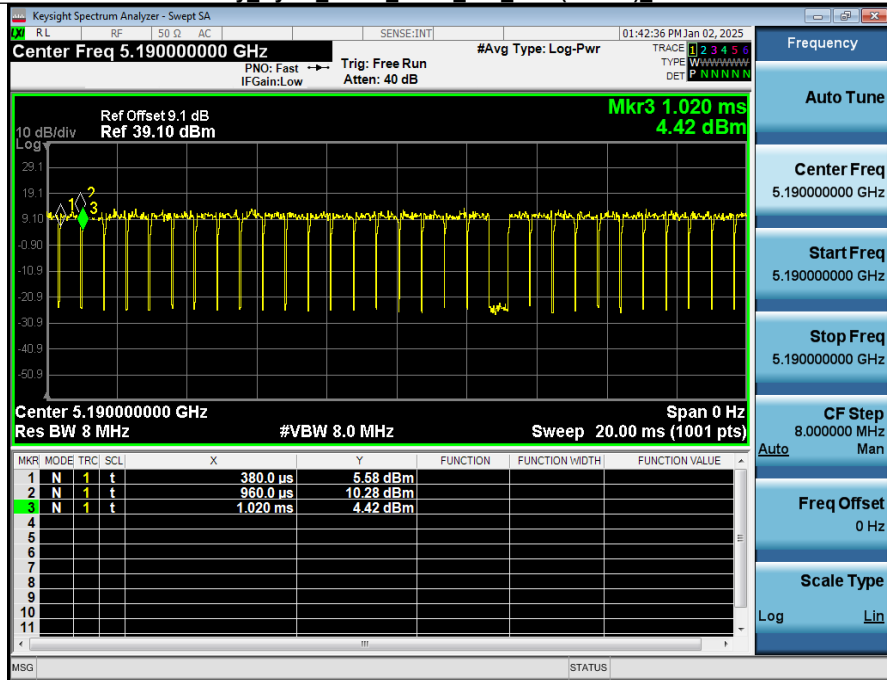
Duty Cycle NVNT_ANT1_802_11n(HT40)_5190



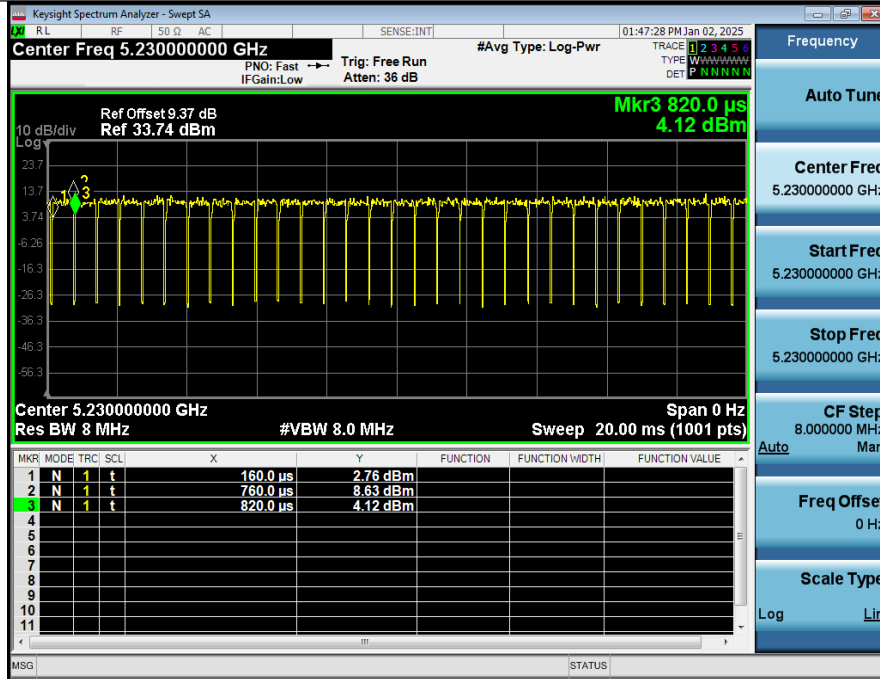
Duty Cycle NVNT_ANT1_802_11n(HT40)_5230



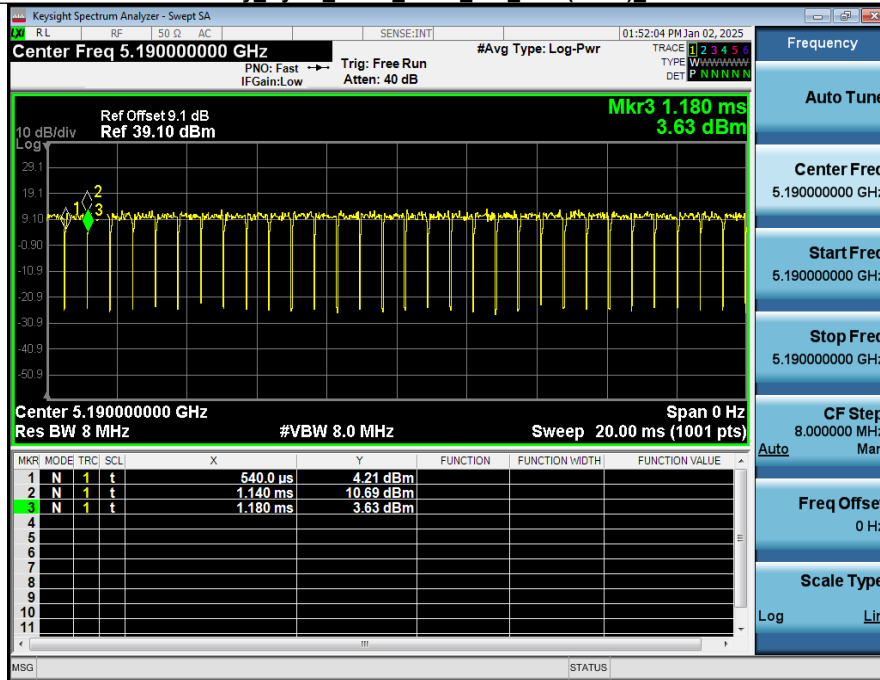
Duty Cycle NVNT_ANT1_802_11ac(VHT40)_5190



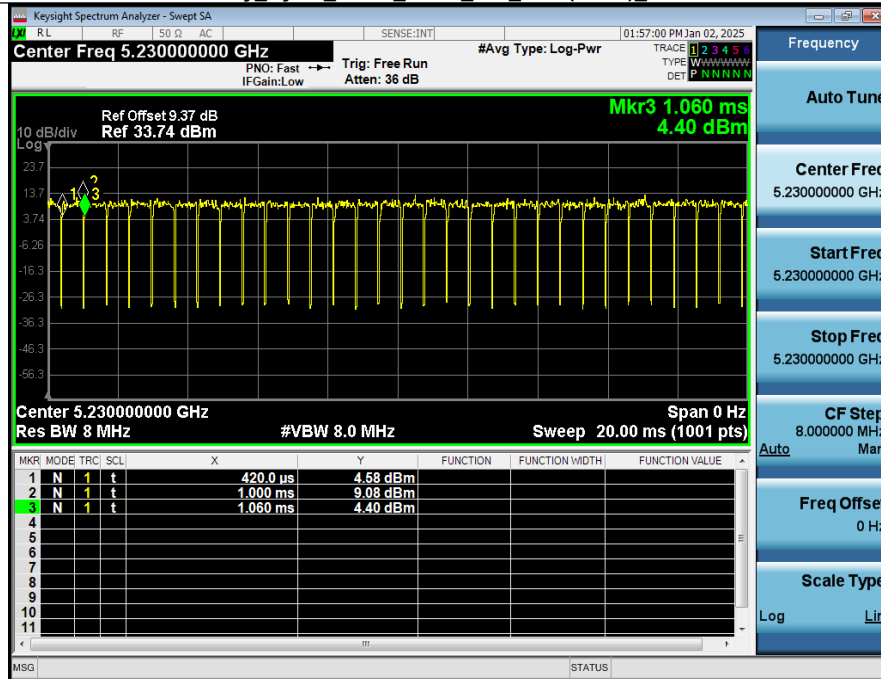
Duty Cycle NVNT_ANT1_802_11ac(VHT40)_5230



Duty Cycle NVNT_ANT1_802_11ax(HE40)_5190

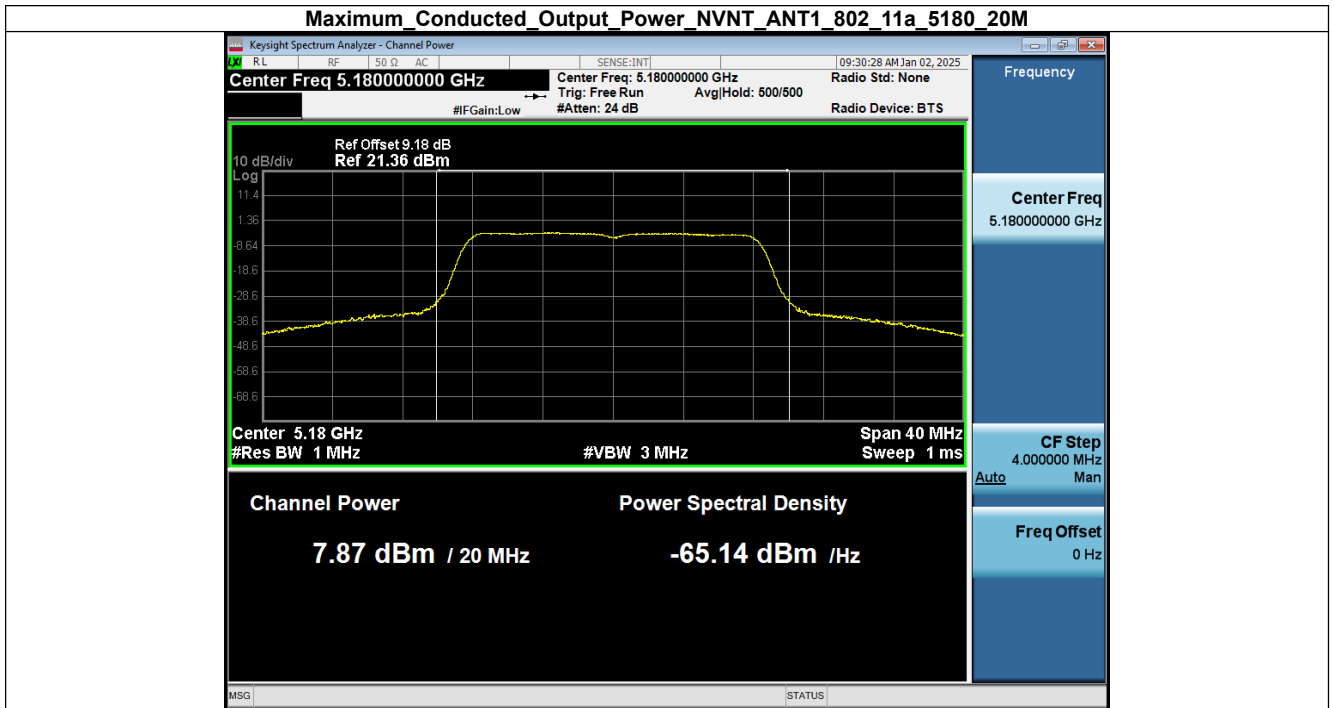


Duty Cycle NVNT_ANT1_802_11ax(HE40)_5230

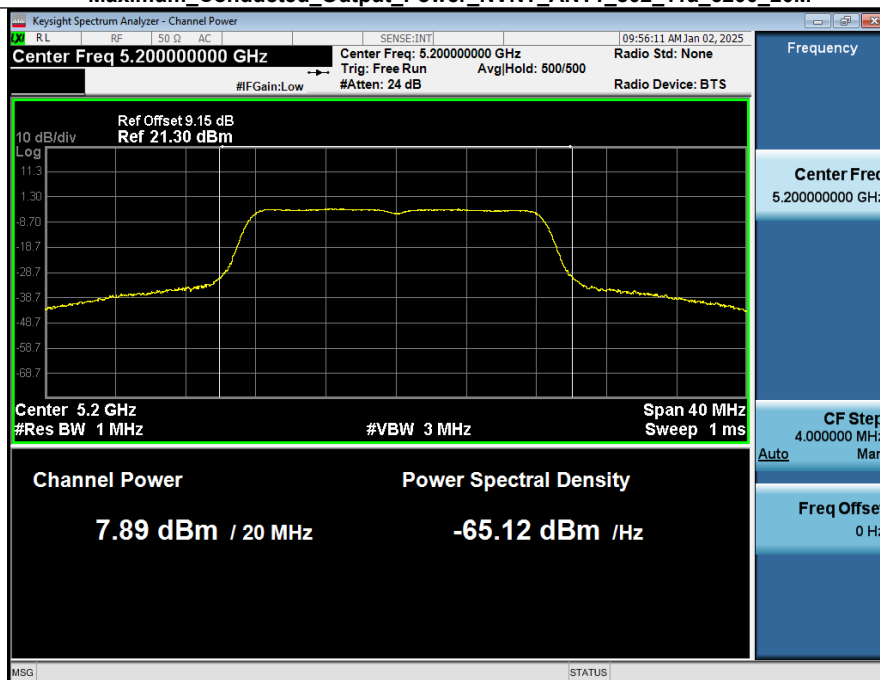


3. Maximum Conducted Output Power

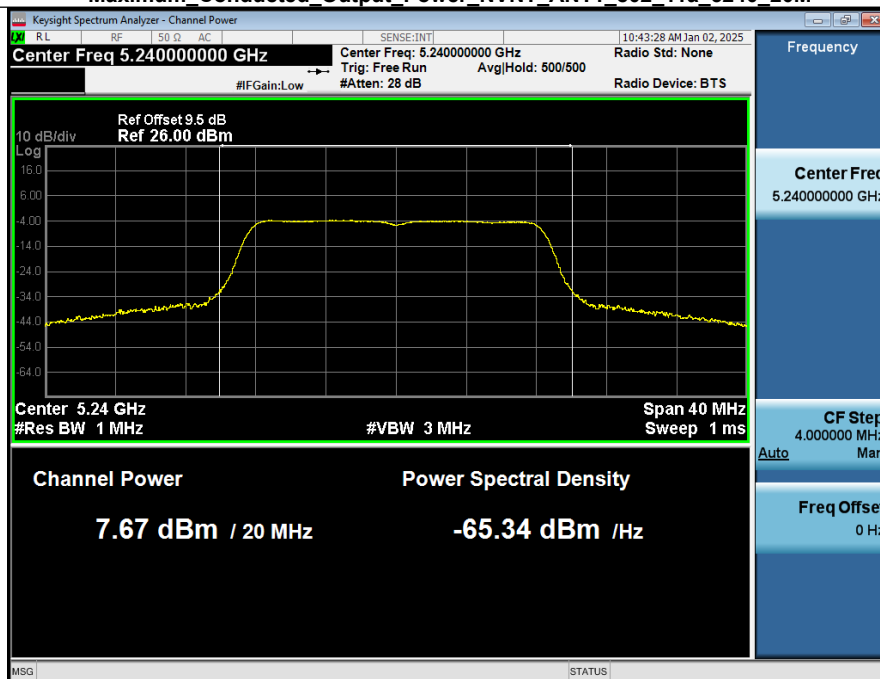
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	7.87	0.18	8.05	24	Pass
NVNT	ANT1	802.11a	5200.00	7.89	0.18	8.07	24	Pass
NVNT	ANT1	802.11a	5240.00	7.67	0.18	7.85	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	10.19	0.14	10.33	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	9.26	0.22	9.48	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	8.25	0.14	8.39	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	10.13	0.14	10.27	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	9.29	0.14	9.43	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	8.35	0.14	8.49	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	9.92	0.22	10.14	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	9.23	0.22	9.45	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	8.39	0.14	8.53	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	9.28	0.28	9.56	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	8.23	0.28	8.51	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	9.30	0.43	9.73	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	8.23	0.41	8.64	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	6.43	0.43	6.86	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	8.26	0.43	8.69	24	Pass



Maximum Conducted Output Power_NVNT_ANT1_802_11a_5200_20M



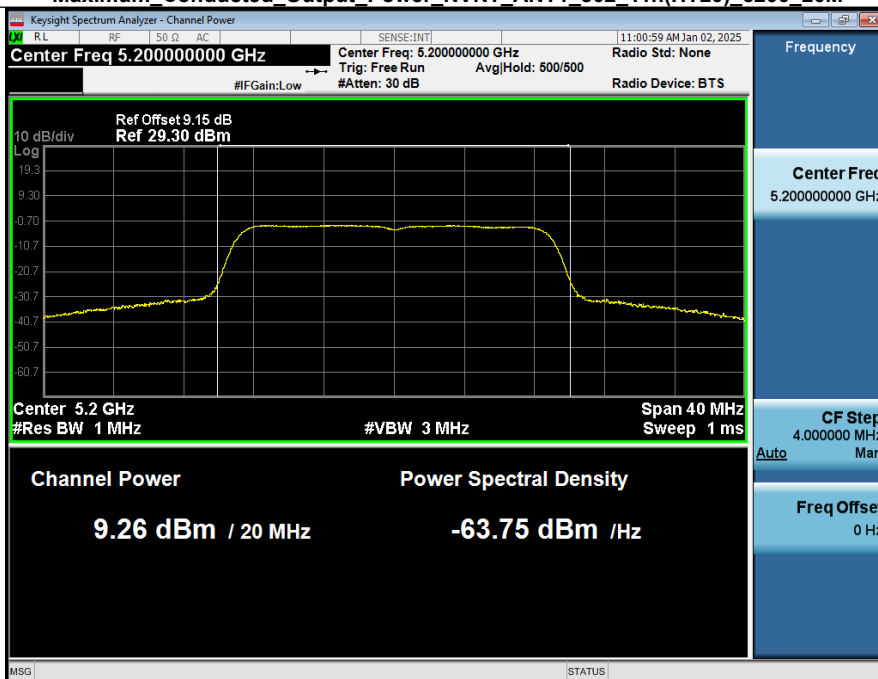
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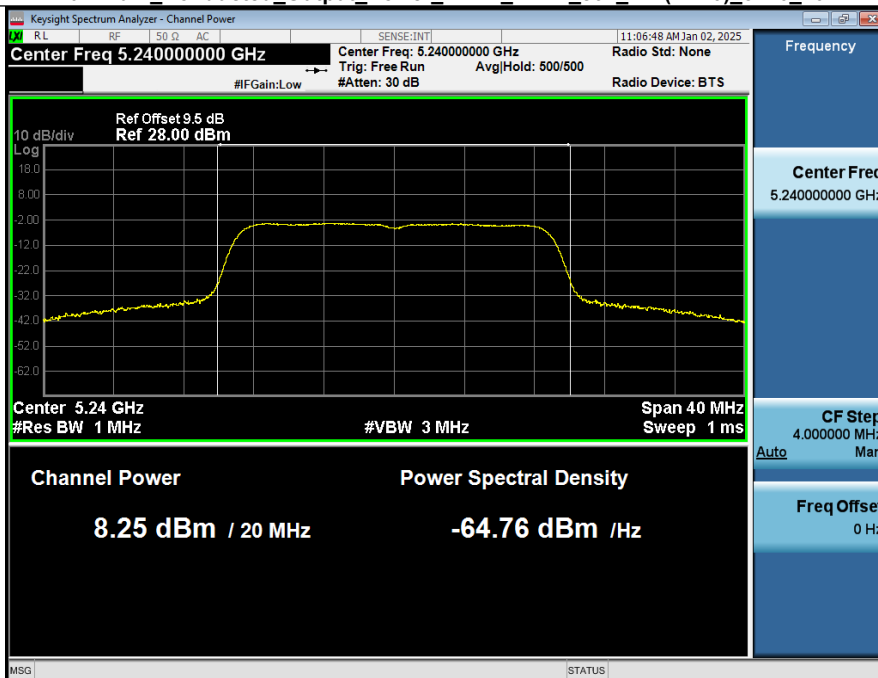
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT20)_5180_20M



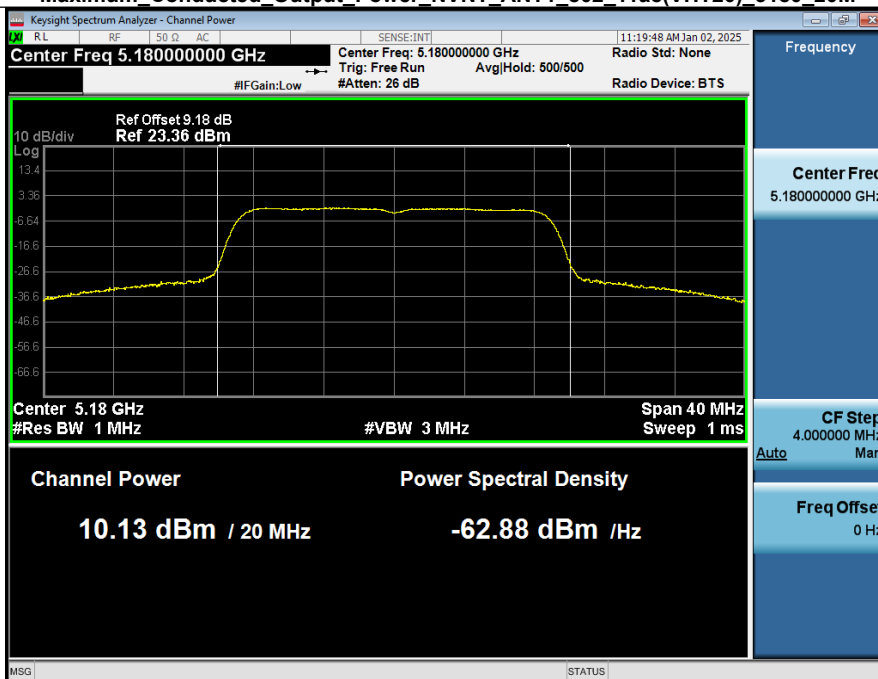
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT20)_5200_20M



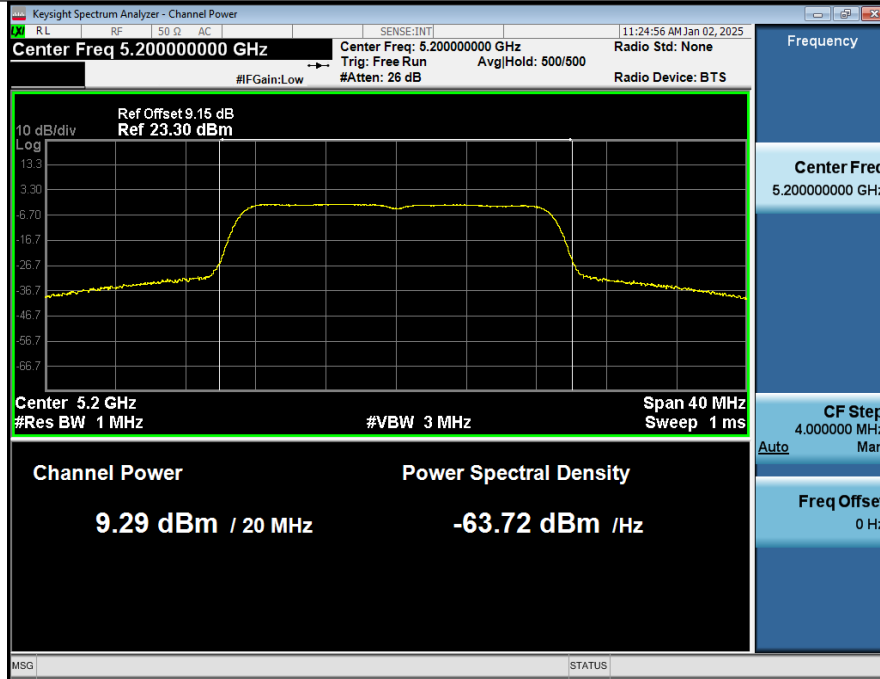
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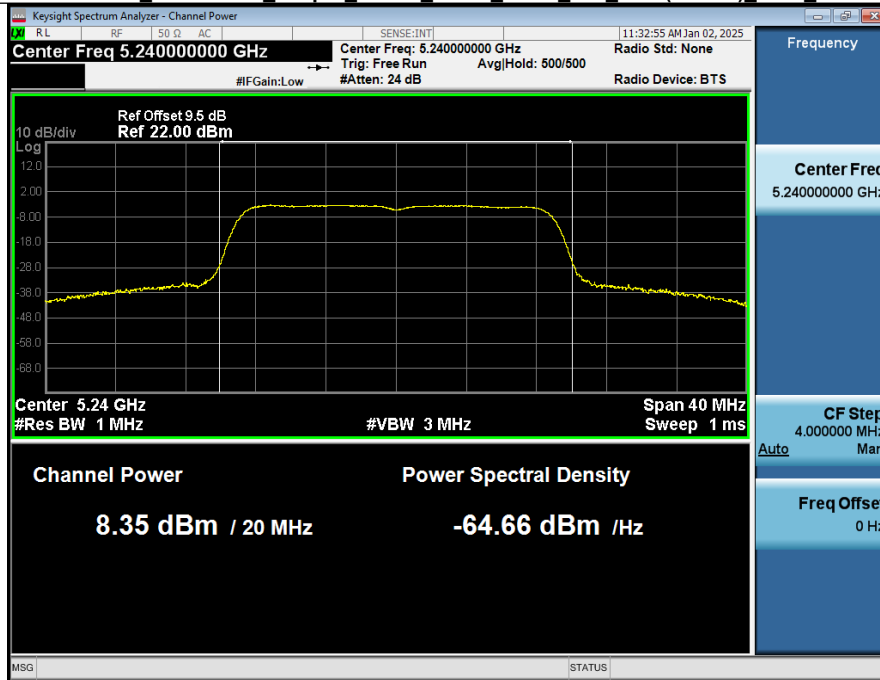
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5180_20M



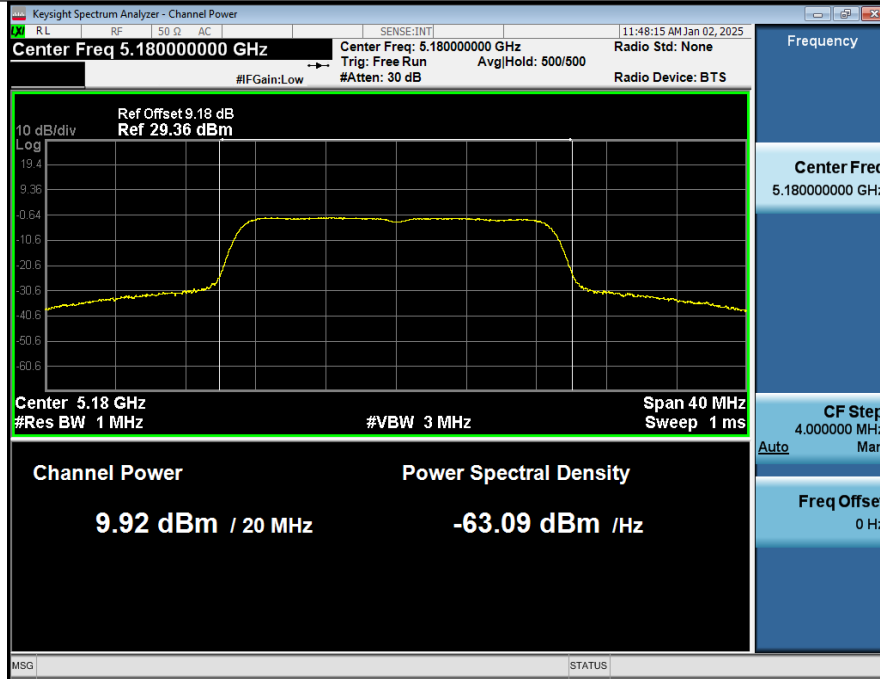
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5200_20M



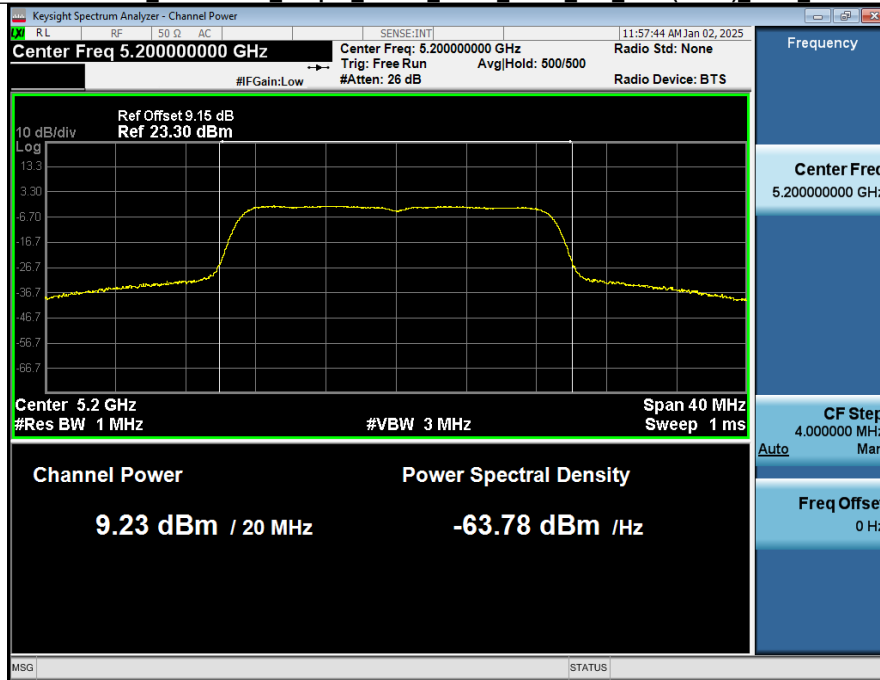
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5240_20M



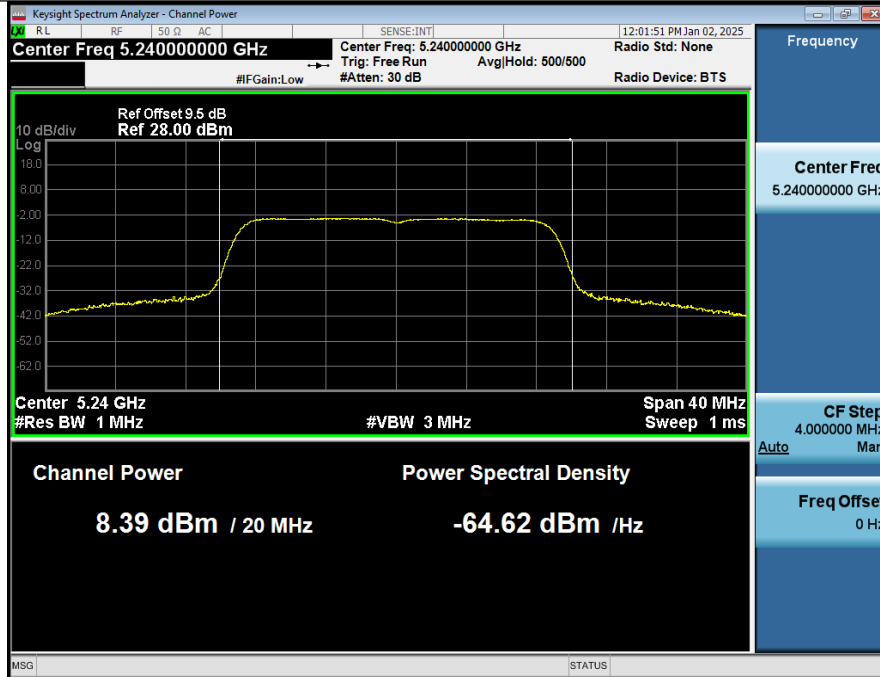
Maximum Conducted Output Power_NVNT_ANT1_802_11ax(HE20)_5180_20M



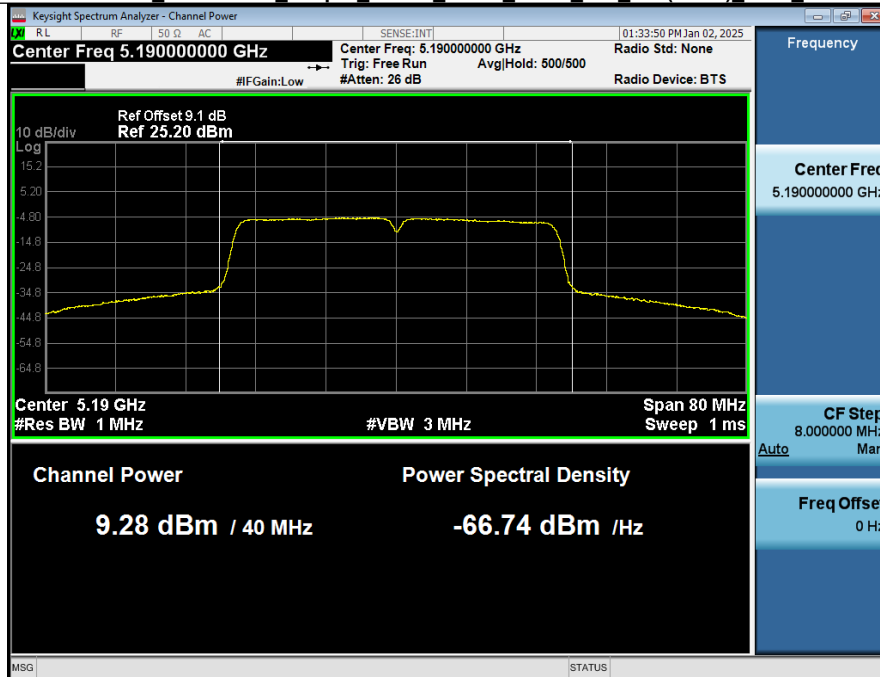
Maximum Conducted Output Power_NVNT_ANT1_802_11ax(HE20)_5200_20M



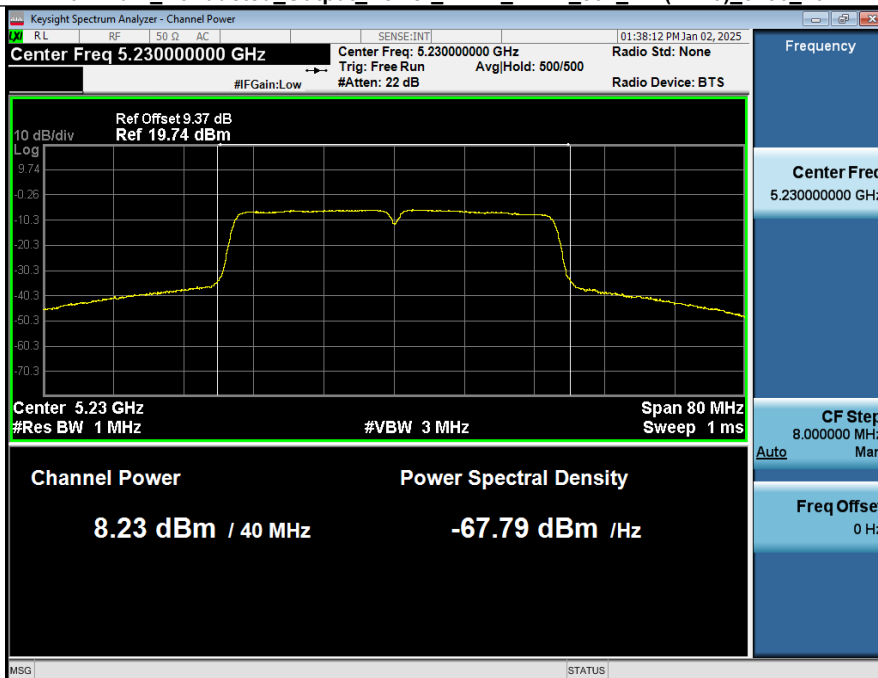
Maximum Conducted Output Power NVNT_ANT1_802_11ax(HE20)_5240_20M



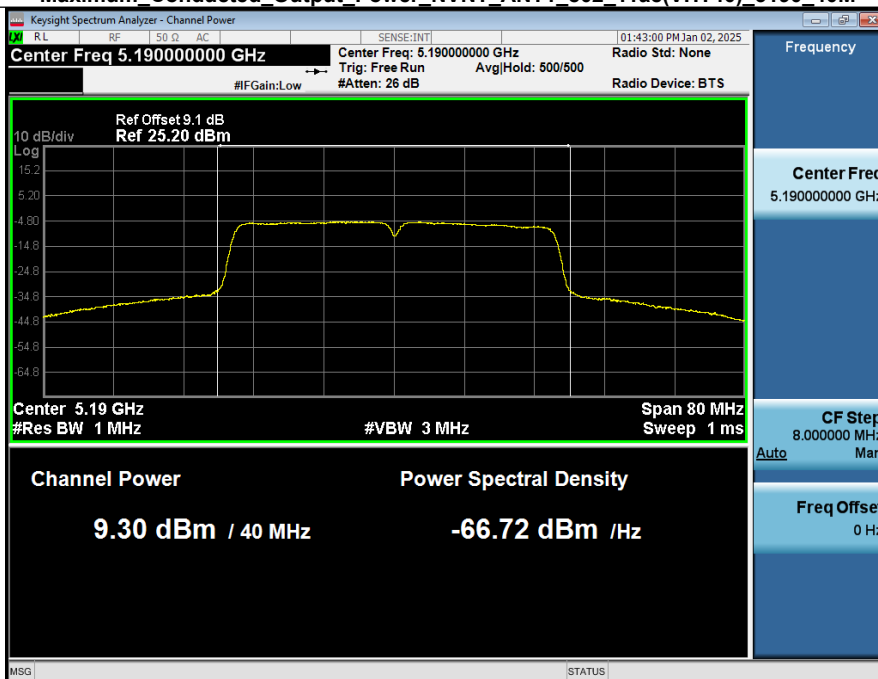
Maximum Conducted Output Power NVNT_ANT1_802_11n(HT40)_5190_40M



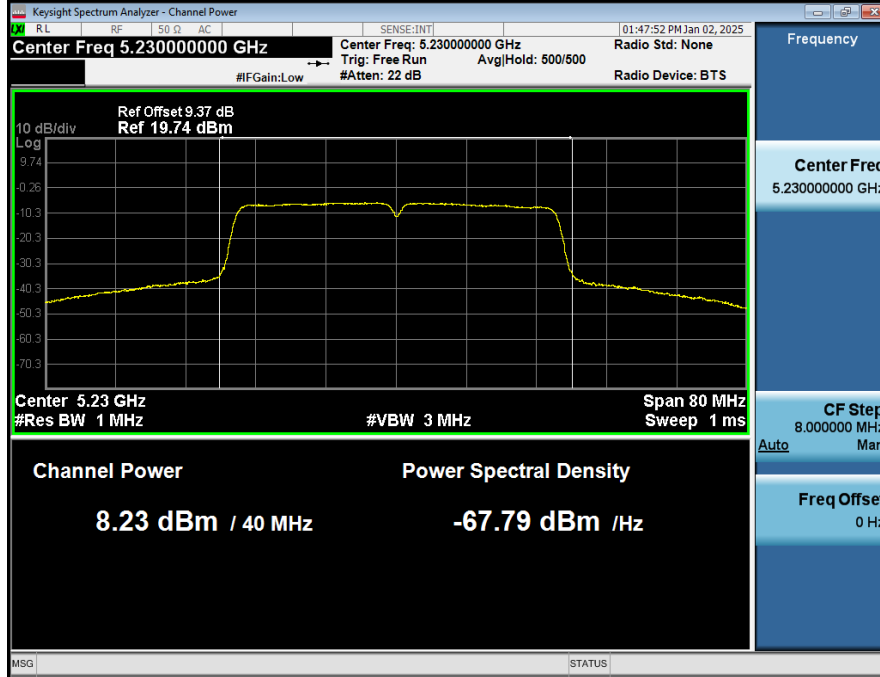
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT40)_5230_40M



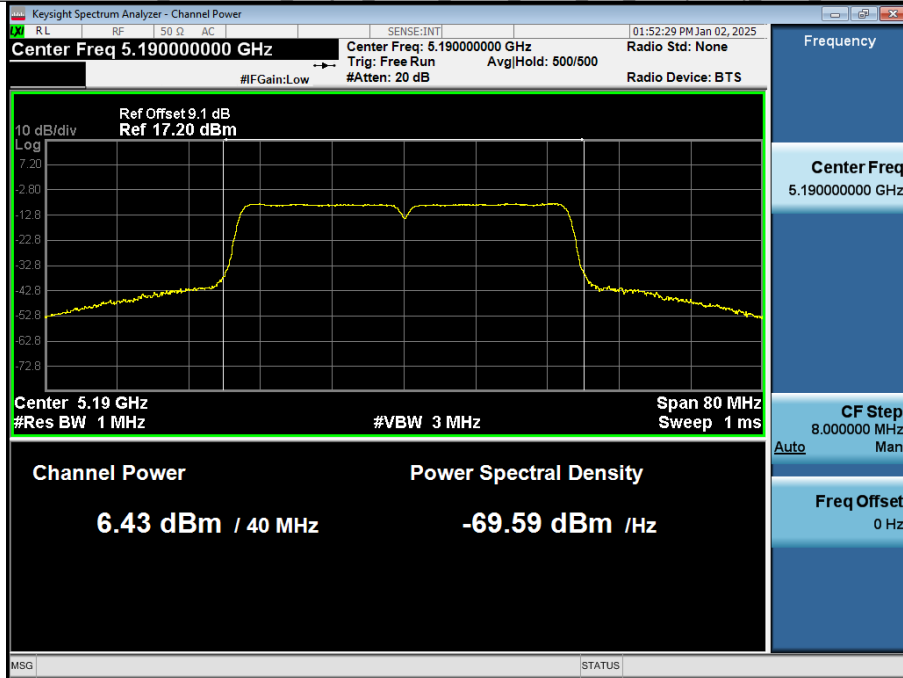
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT40)_5190_40M



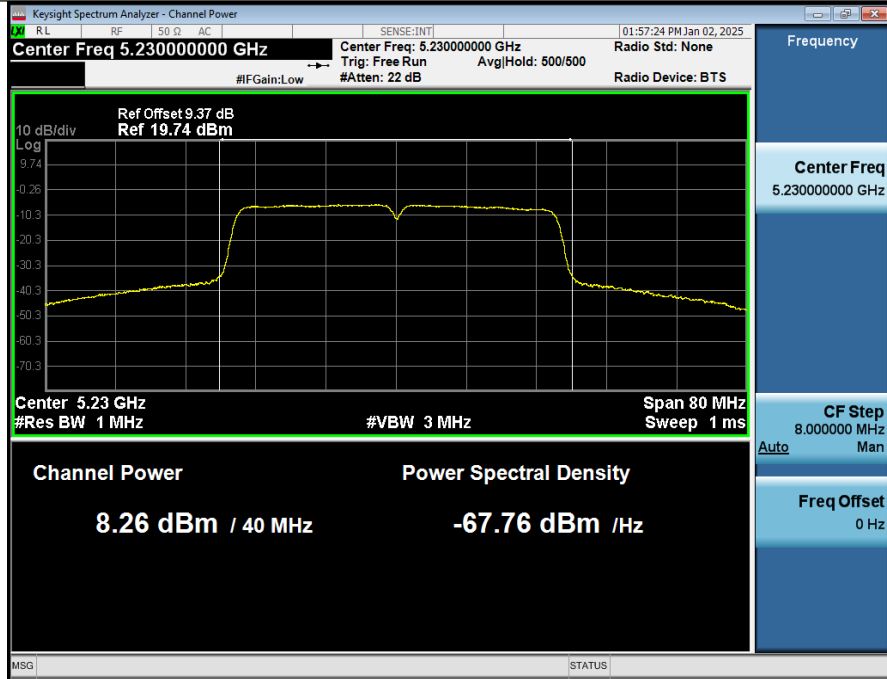
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT40) 5230_40M



Maximum Conducted Output Power_NVNT_ANT1_802_11ax(HE40) 5190_40M

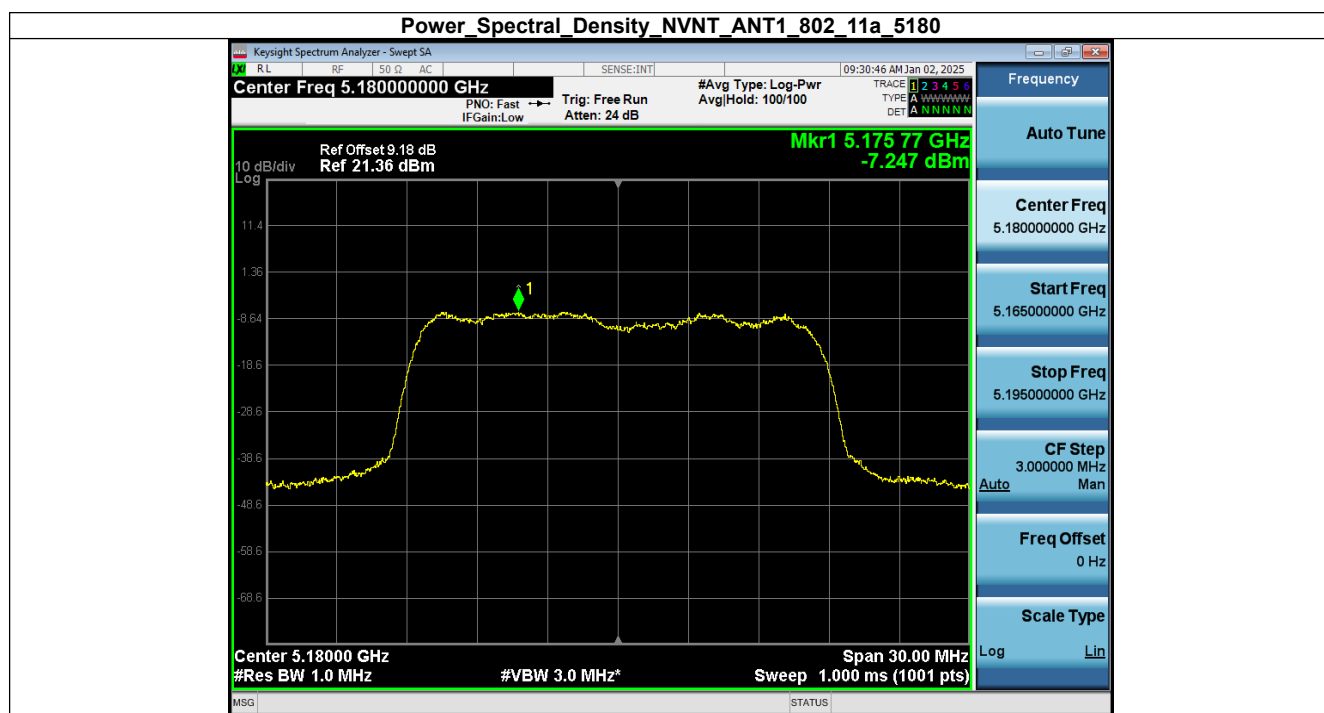


Maximum Conducted Output Power_NVNT_ANT1_802_11ax(HE40)_5230_40M

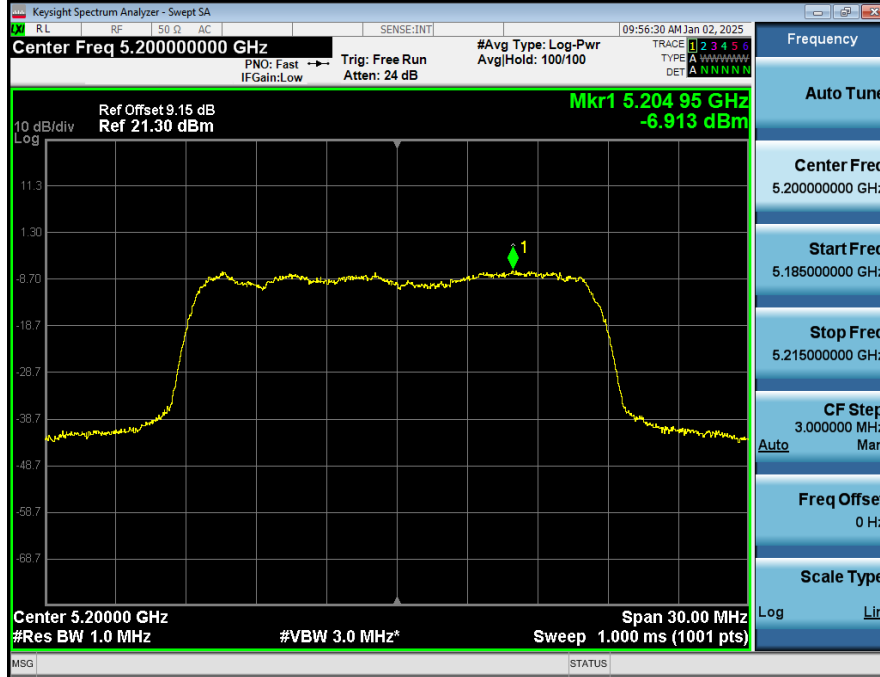


4. Power Spectral Density

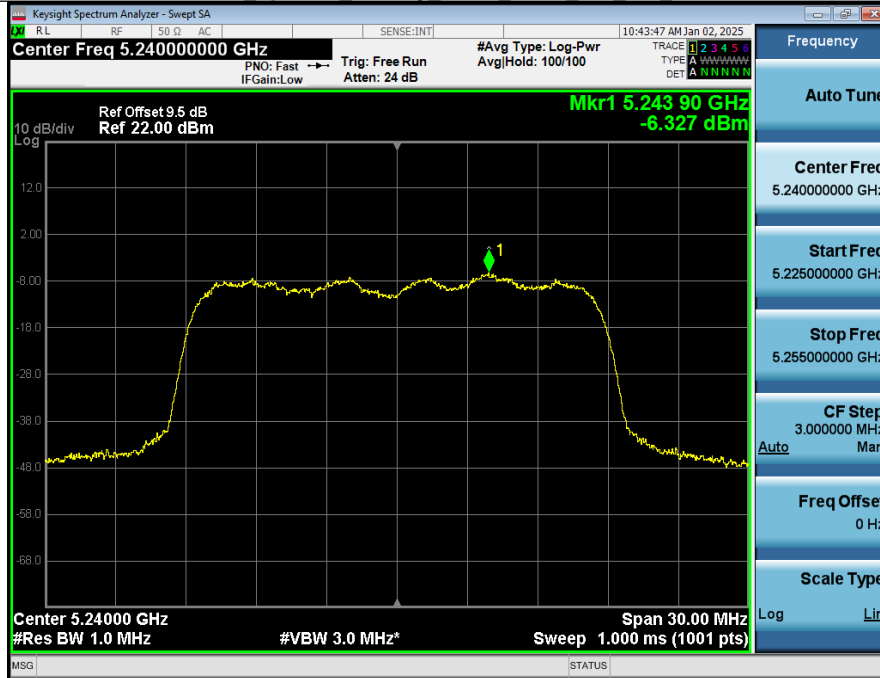
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-7.25	0.18	-7.07	11	Pass
NVNT	ANT1	802.11a	5200.00	-6.91	0.18	-6.73	11	Pass
NVNT	ANT1	802.11a	5240.00	-6.33	0.18	-6.15	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-4.97	0.14	-4.83	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-5.58	0.22	-5.37	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-7.09	0.14	-6.95	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-4.82	0.14	-4.68	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-5.75	0.14	-5.61	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-6.16	0.14	-6.02	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-4.46	0.22	-4.24	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-5.82	0.22	-5.60	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-6.64	0.14	-6.50	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-9.59	0.28	-9.31	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-11.14	0.28	-10.86	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-9.40	0.43	-8.97	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-9.88	0.41	-9.47	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-9.54	0.28	-9.26	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-10.08	0.43	-9.65	11	Pass



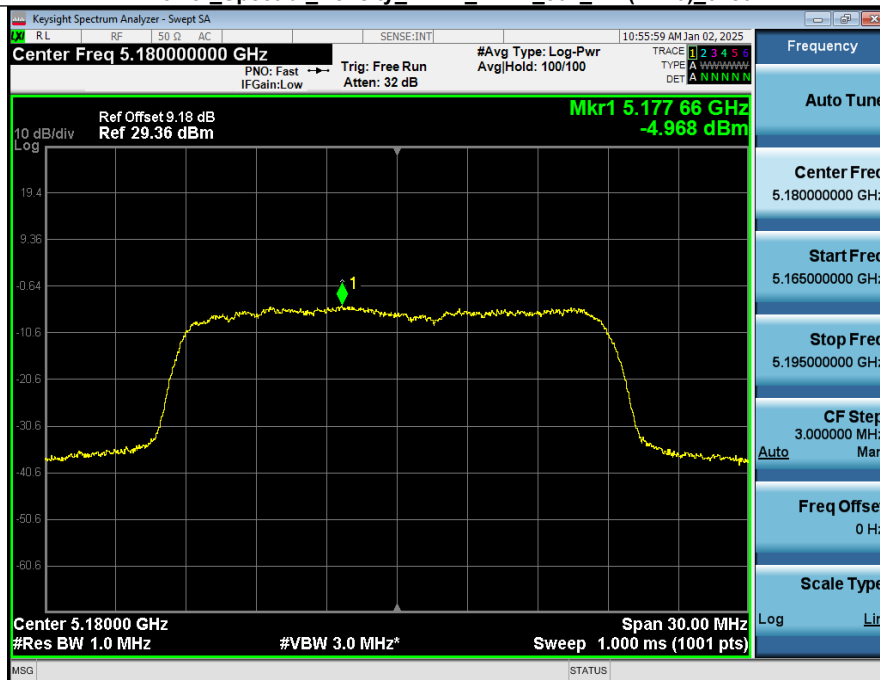
Power Spectral Density_NVNT_ANT1_802_11a_5200



Power Spectral Density_NVNT_ANT1_802_11a_5240



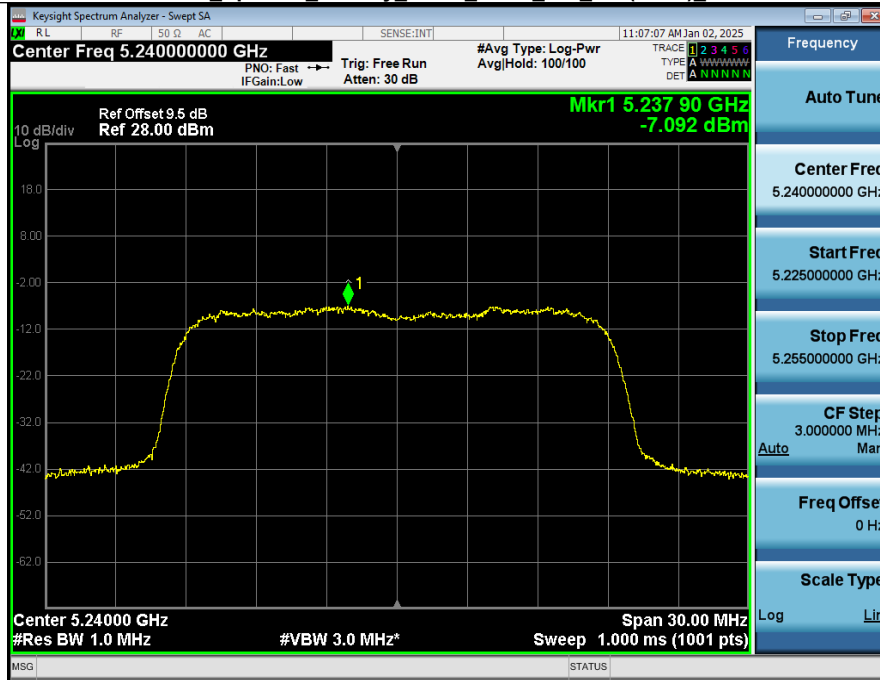
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5180



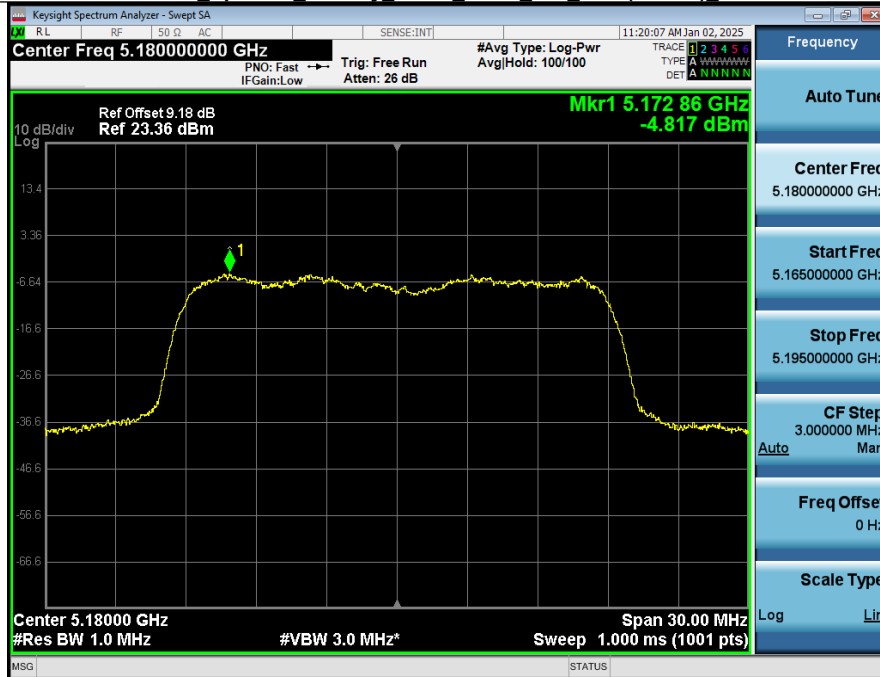
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5200

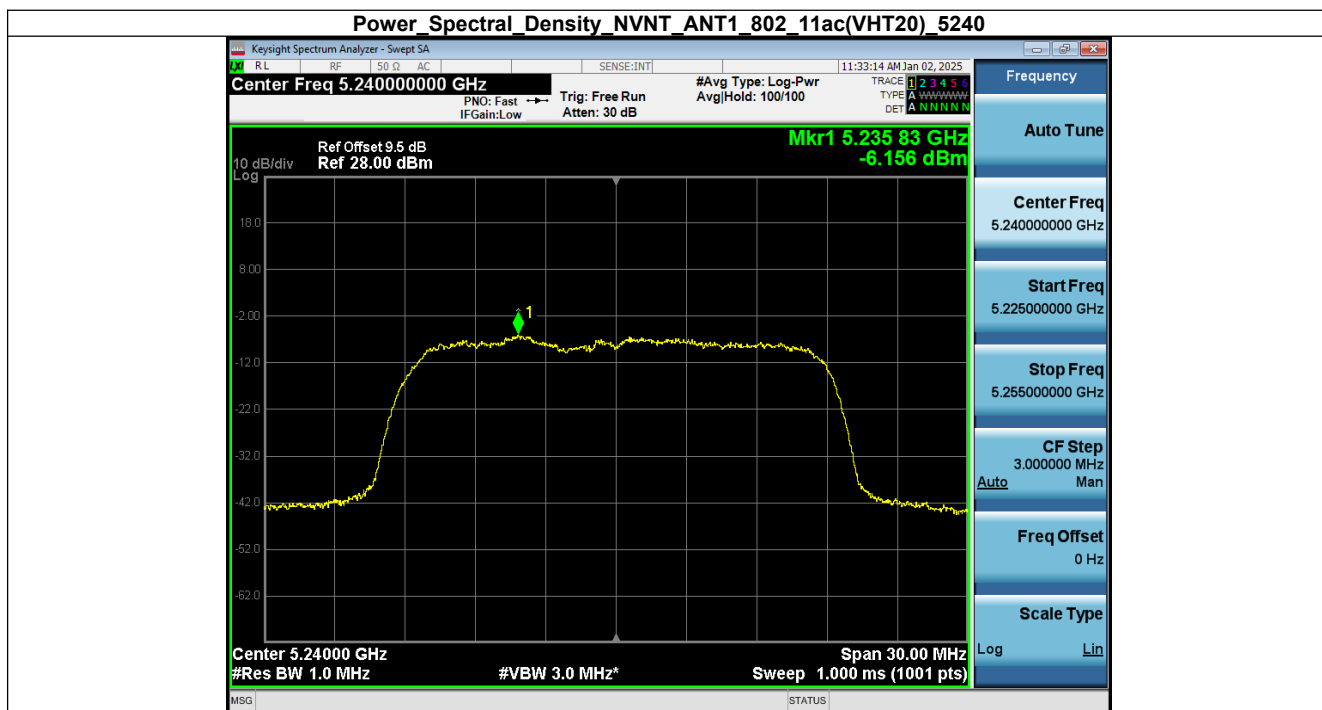
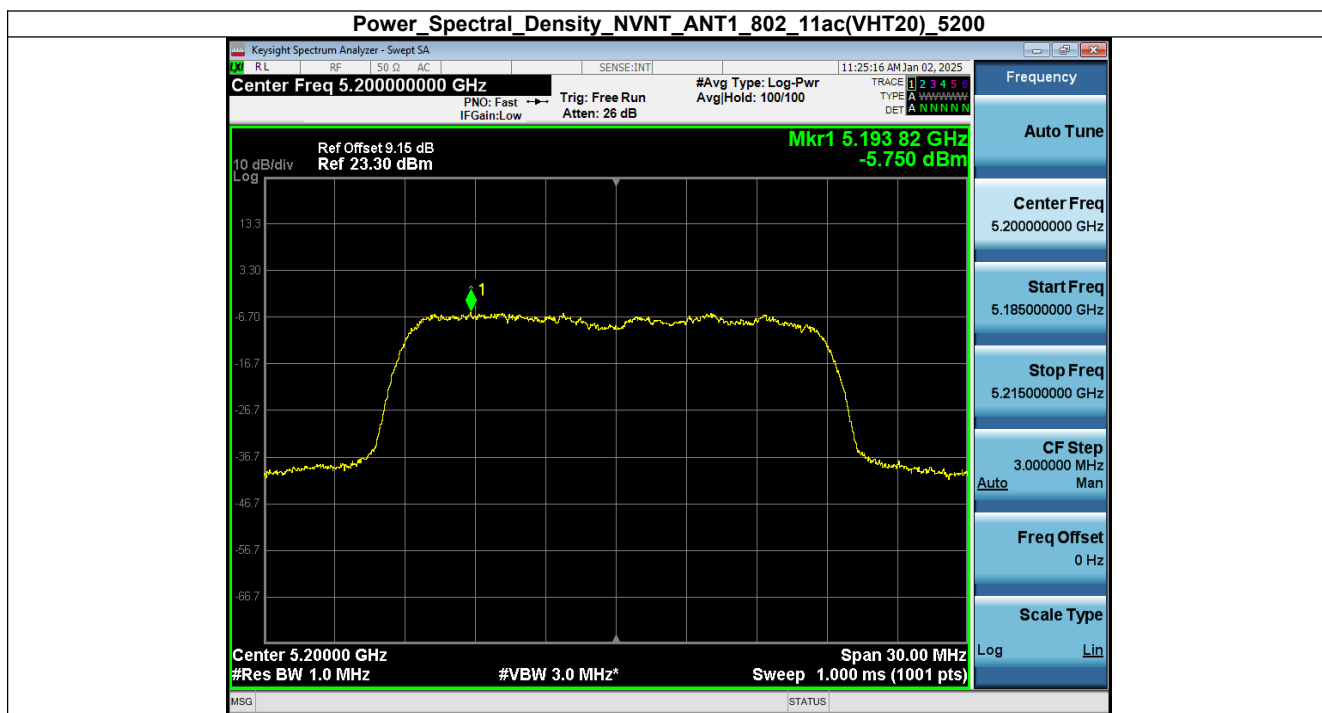


Power Spectral Density NVNT_ANT1_802_11n(HT20)_5240

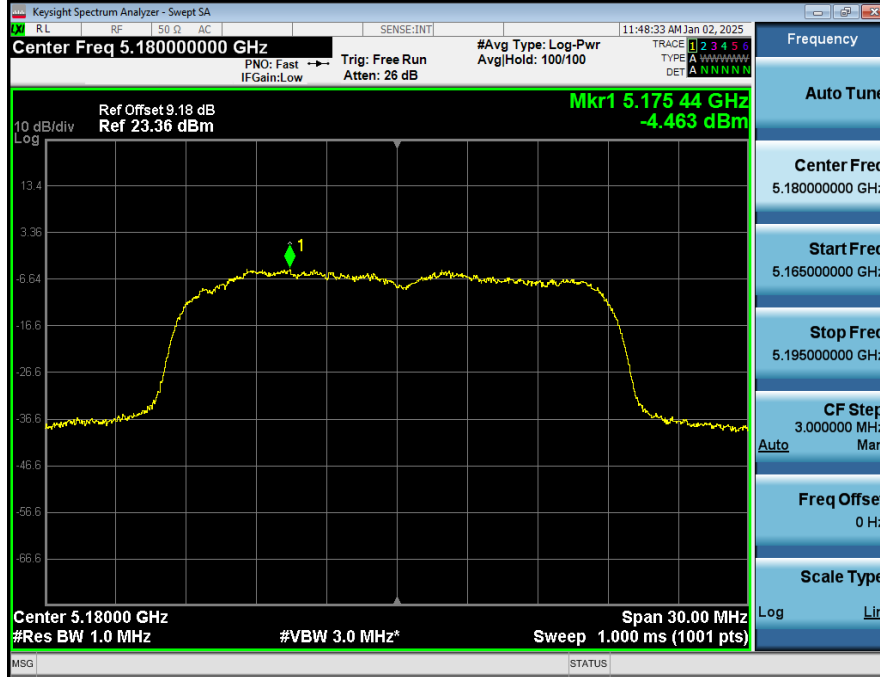


Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5180

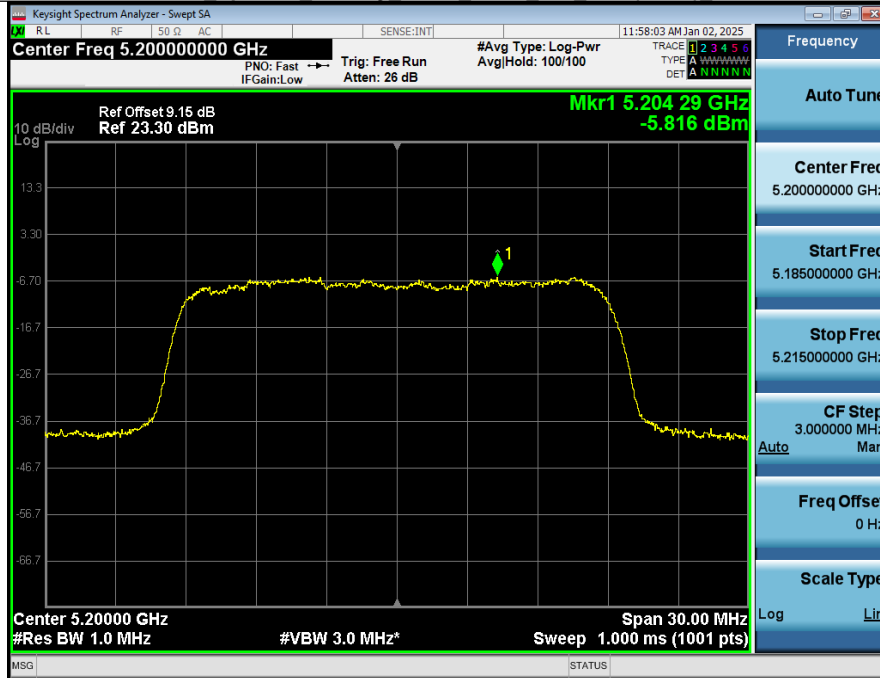




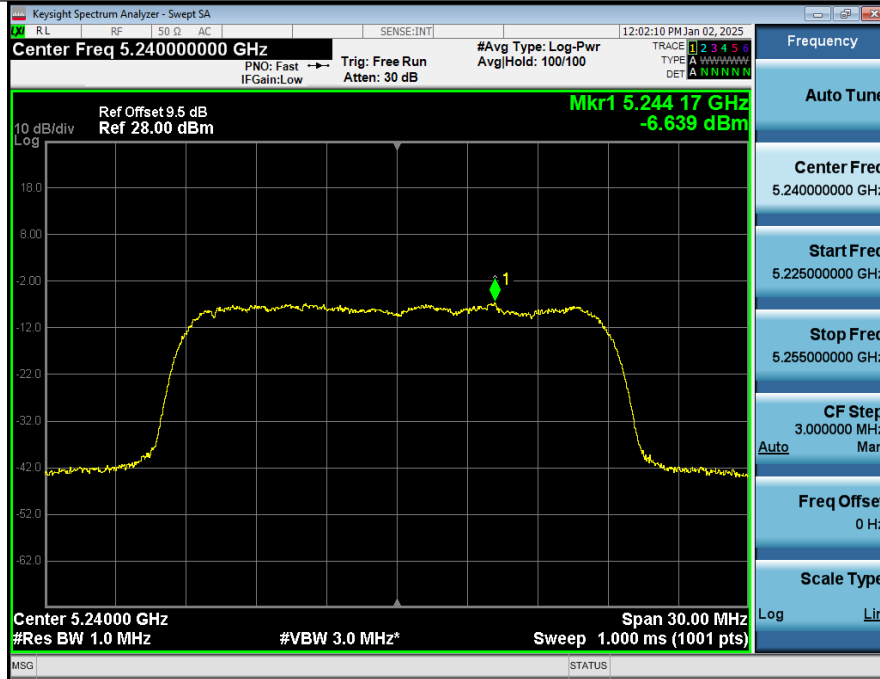
Power Spectral Density NVNT_ANT1_802_11ax(HE20)_5180



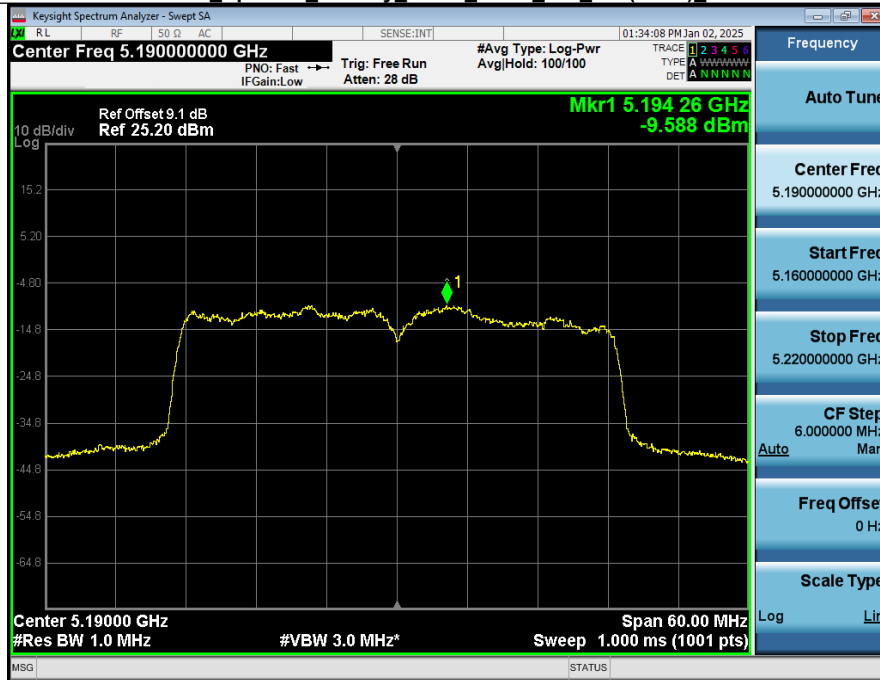
Power Spectral Density NVNT_ANT1_802_11ax(HE20)_5200



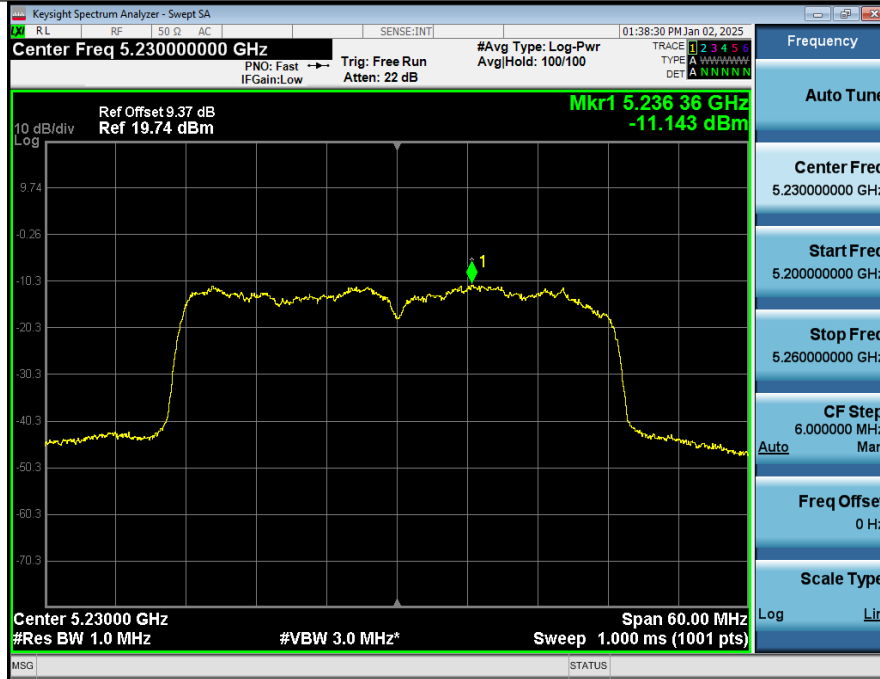
Power Spectral Density NVNT_ANT1_802_11ax(HE20)_5240



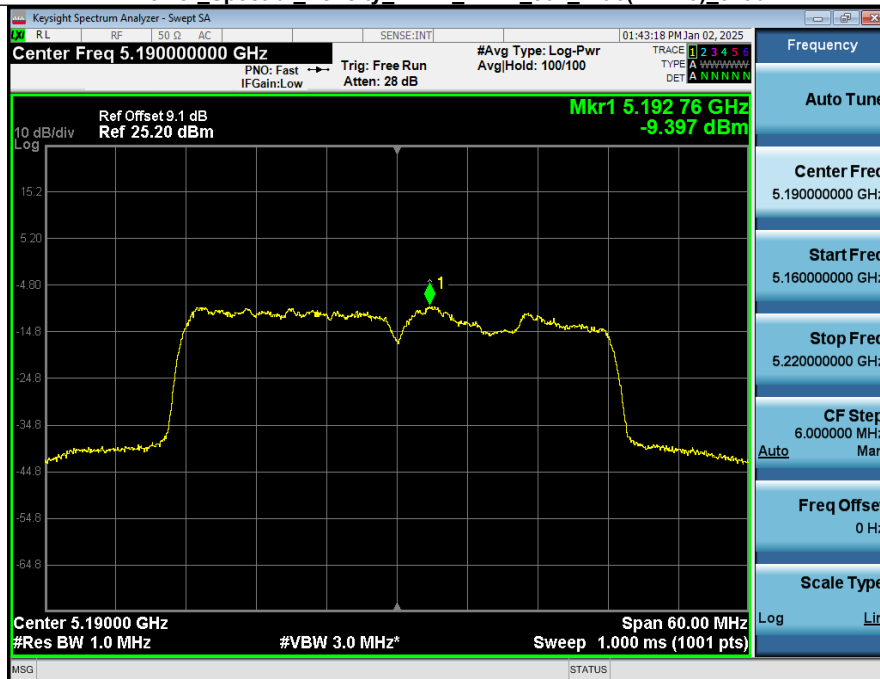
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5190

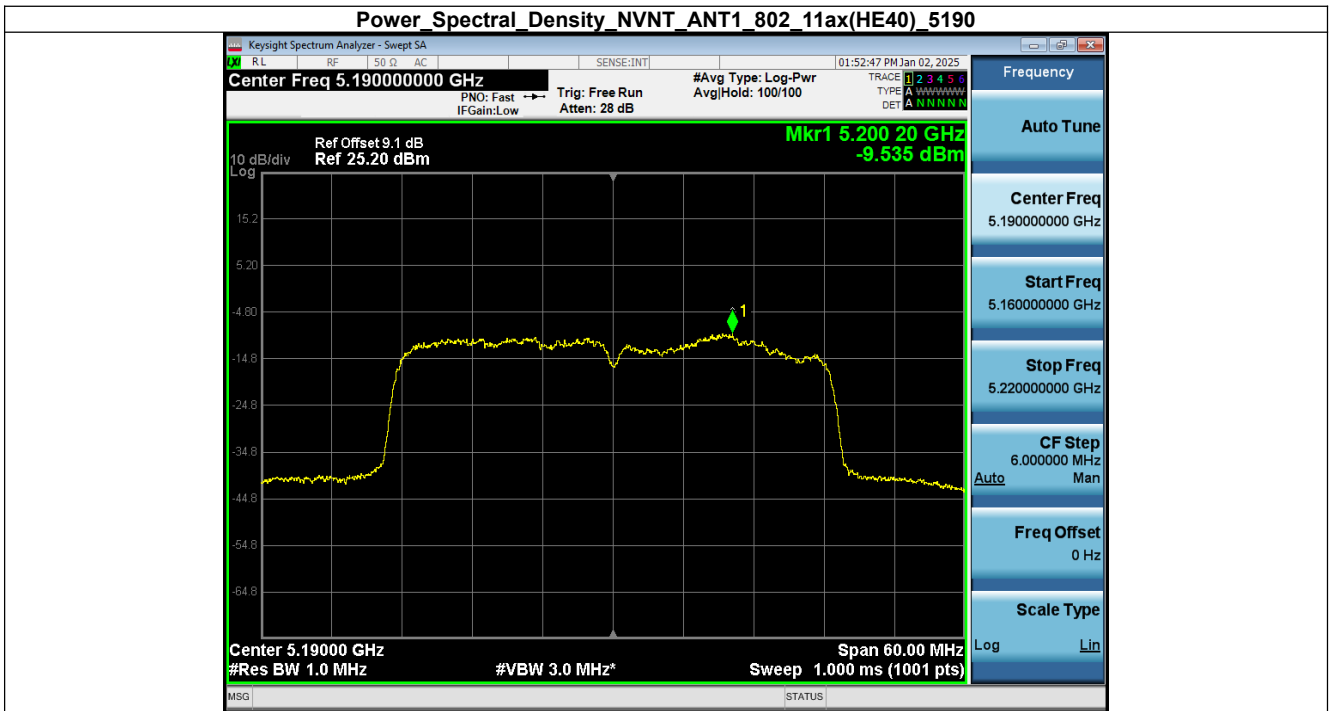
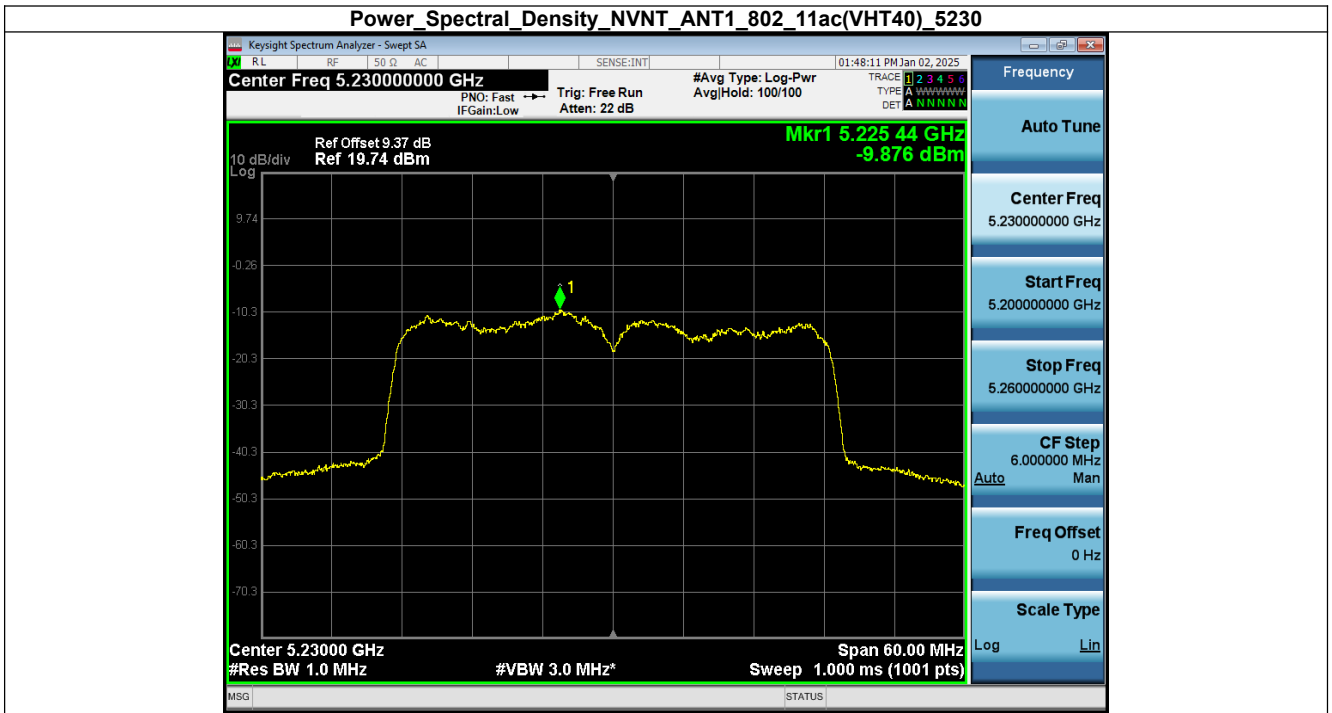


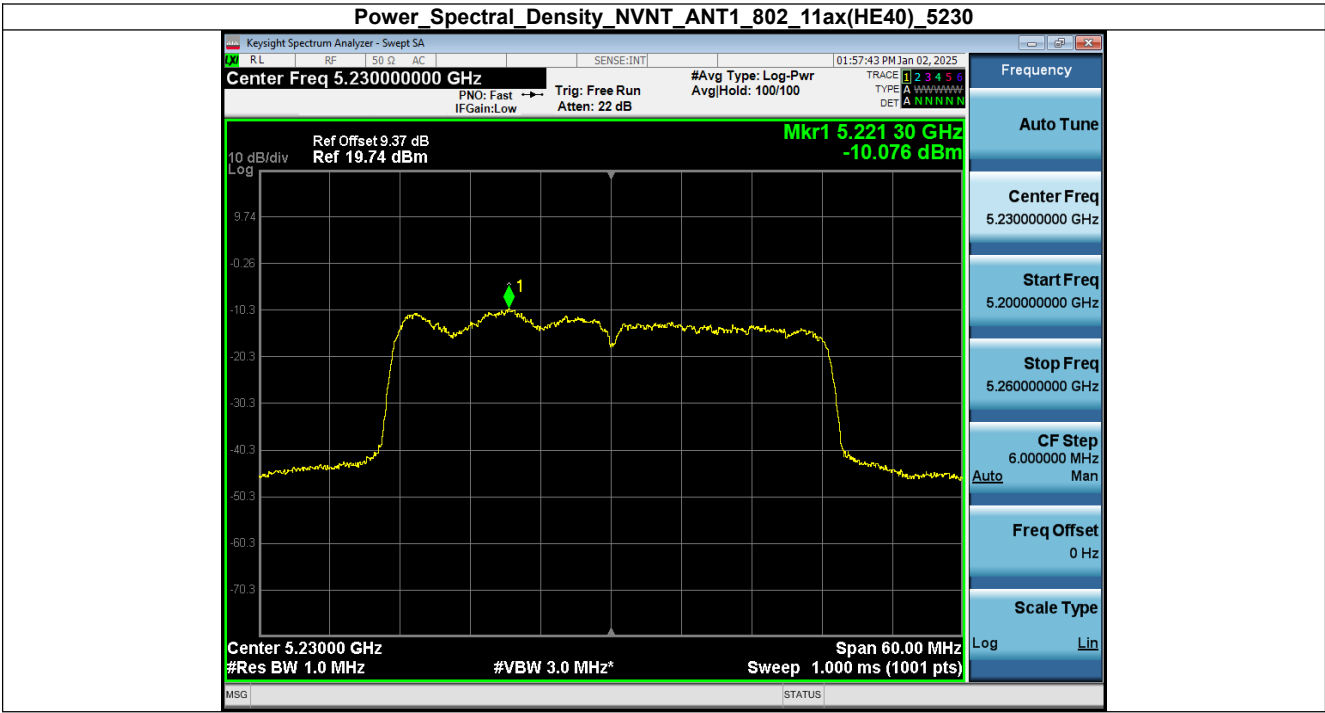
Power Spectral Density_NVNT_ANT1_802_11n(HT40)_5230



Power Spectral Density_NVNT_ANT1_802_11ac(VHT40)_5190



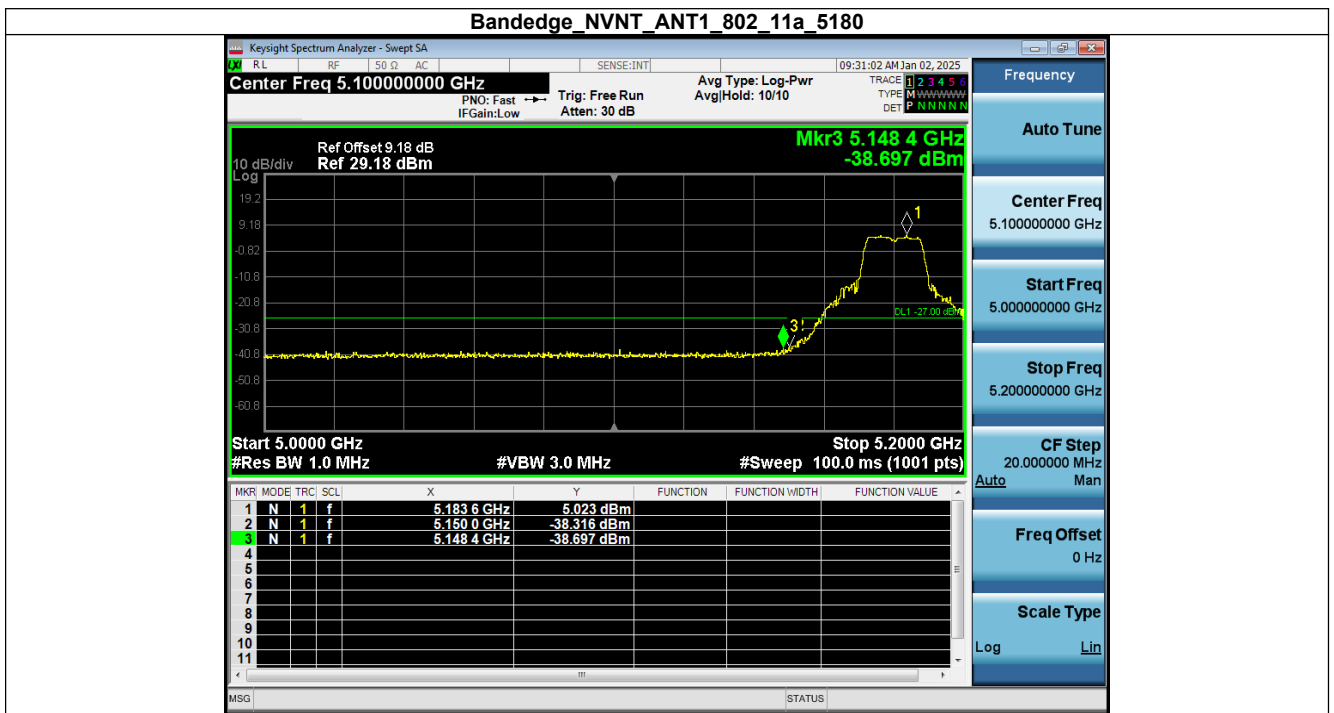




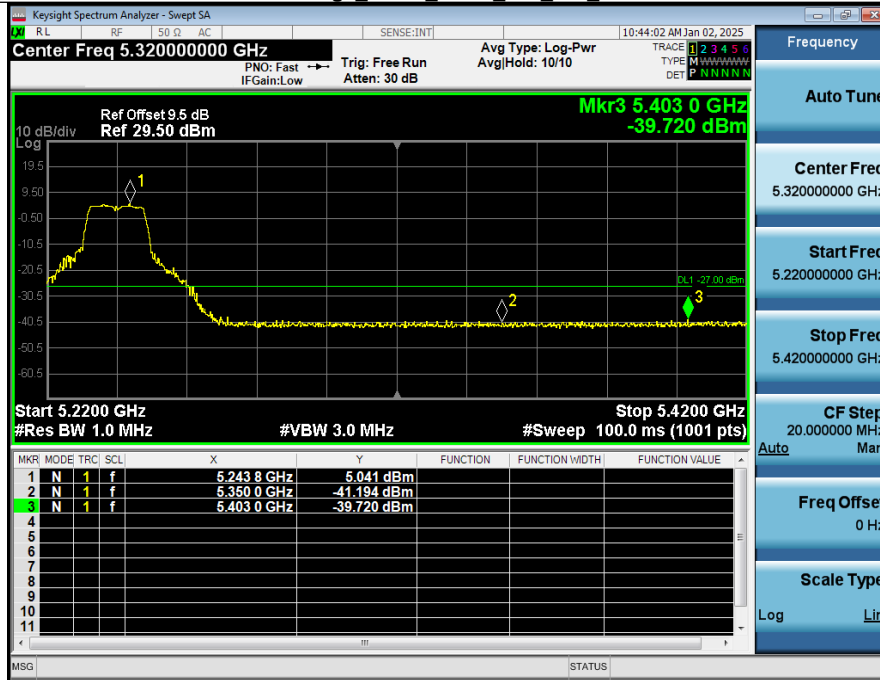
5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5148.40	-38.70	-27	Pass
NVNT	ANT1	802.11a	5240.00	5403.00	-39.72	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5148.80	-32.87	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5399.00	-39.74	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5149.20	-32.68	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5408.20	-39.68	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	5149.40	-33.35	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	5376.00	-39.44	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5061.74	-38.91	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5391.65	-39.87	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5046.20	-39.44	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5407.82	-39.65	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	5146.16	-39.31	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	5350.49	-39.69	-27	Pass

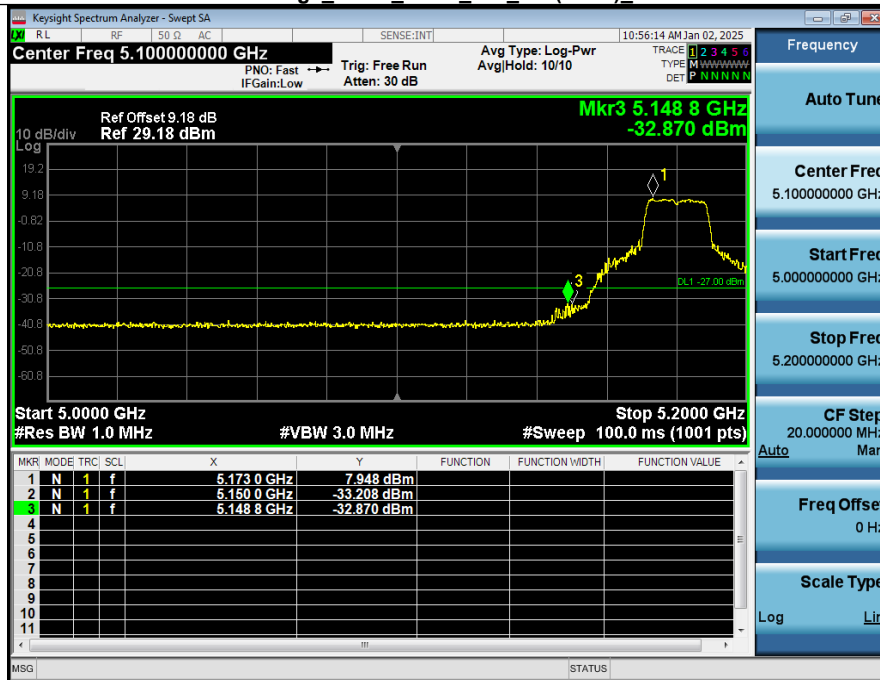
Note: The test diagram has integrated antenna gain to Offset Settings.



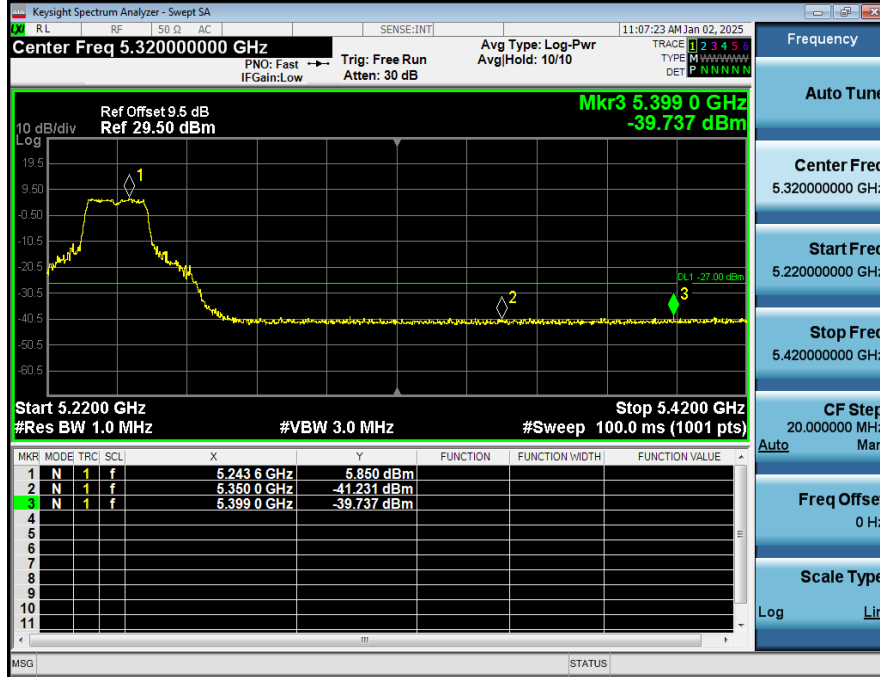
Bandedge_NVNT_ANT1_802_11a_5240



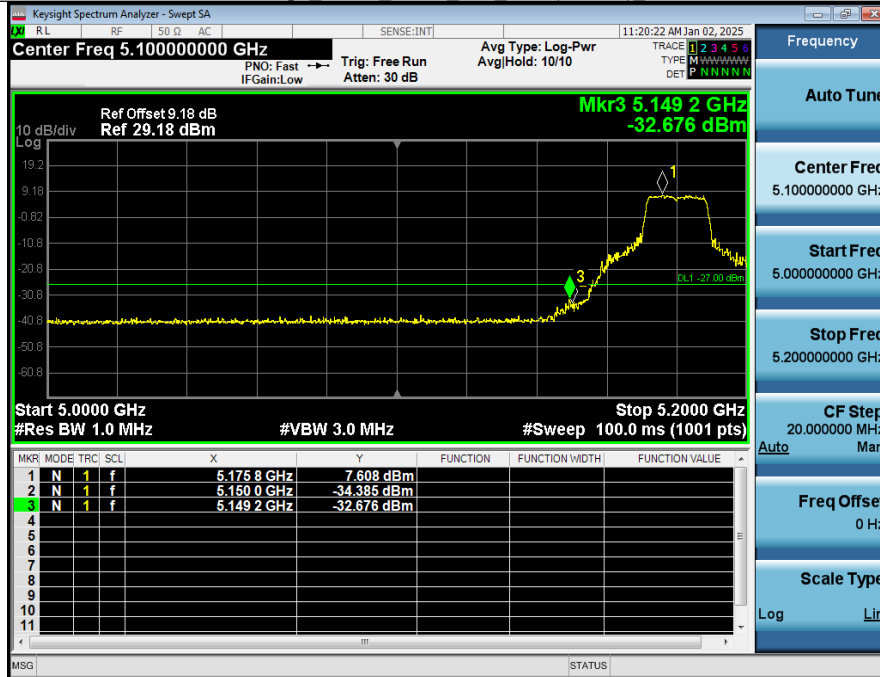
Bandedge_NVNT_ANT1_802_11n(HT20)_5180



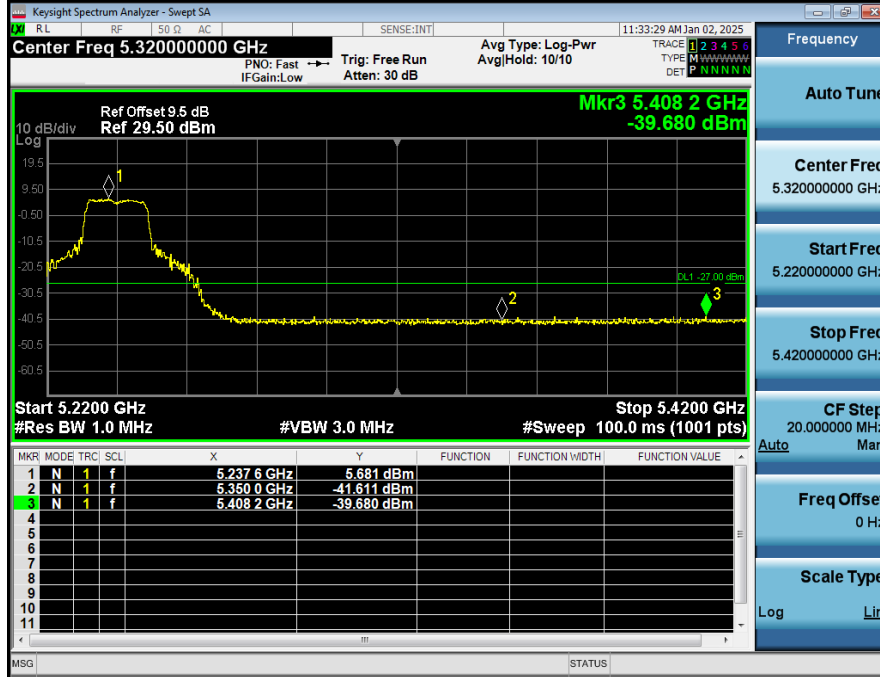
Bandedge_NVNT_ANT1_802_11n(HT20)_5240



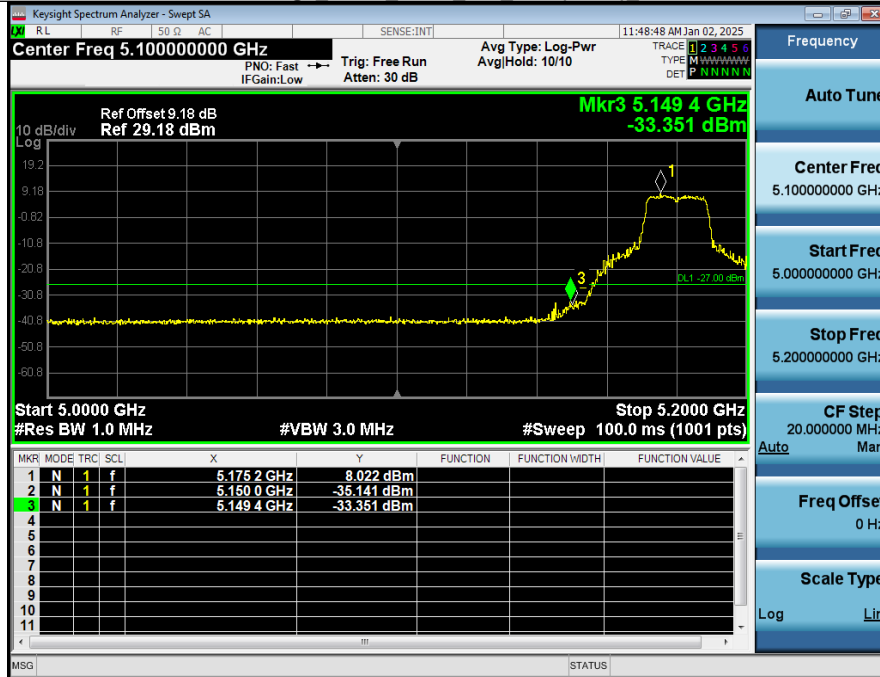
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5180



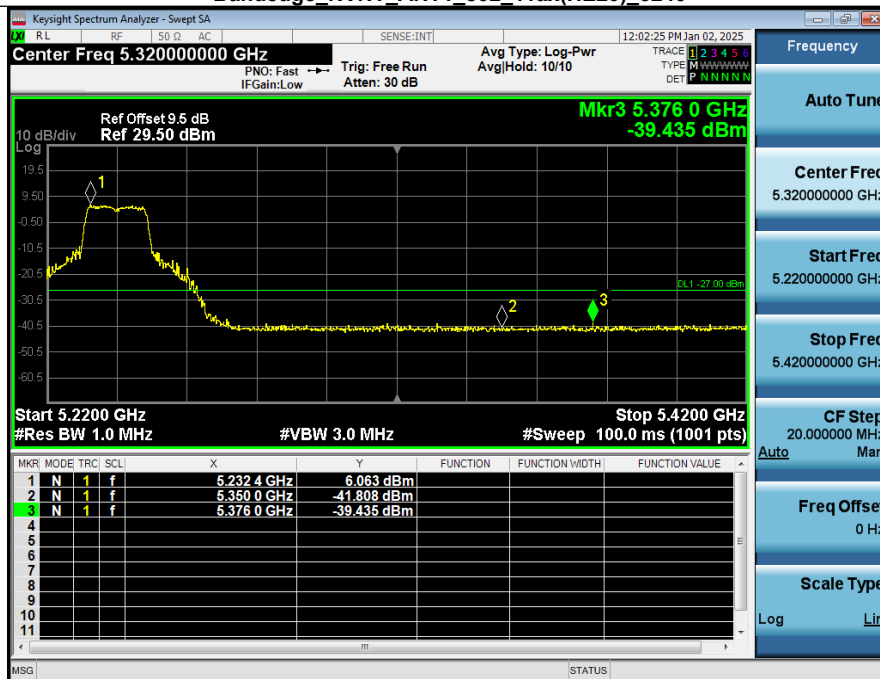
Bandedge_NVNT_ANT1_802_11ac(VHT20) 5240



Bandedge_NVNT_ANT1_802_11ax(HE20) 5180



Bandedge_NVNT_ANT1_802_11ax(HE20)_5240



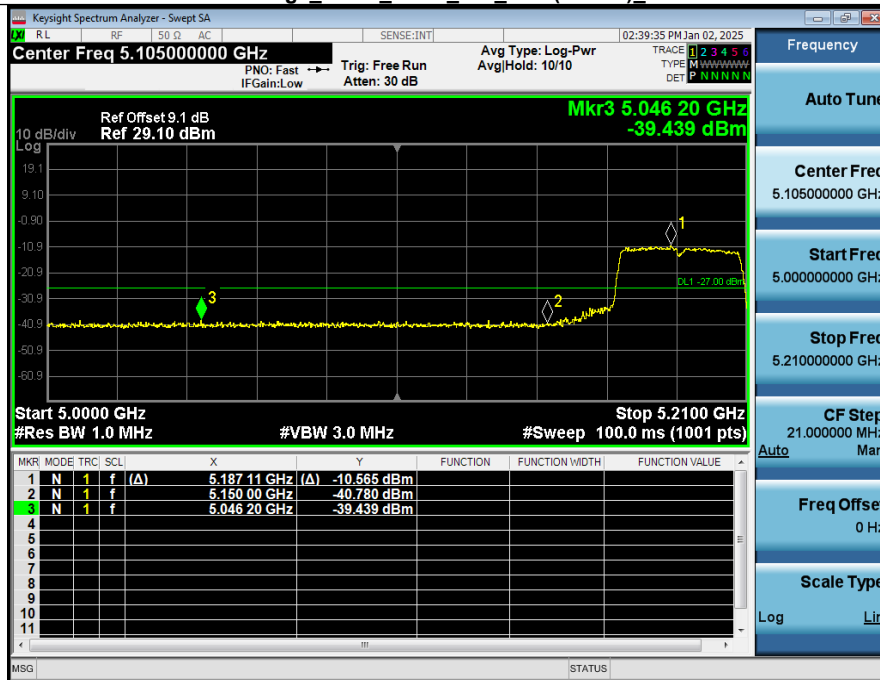
Bandedge_NVNT_ANT1_802_11n(HT40)_5190



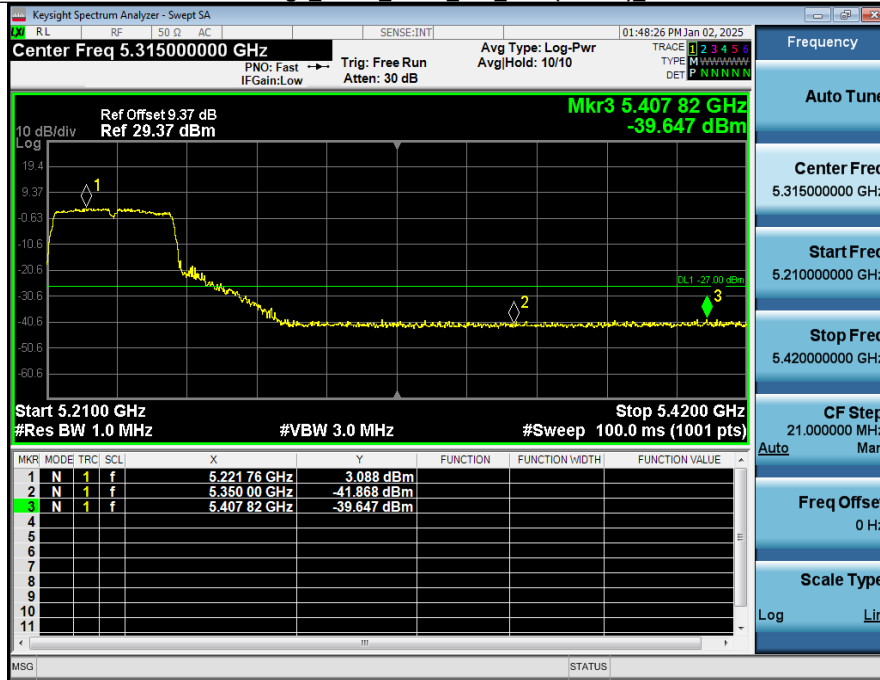
Bandedge_NVNT_ANT1_802_11n(HT40)_5230



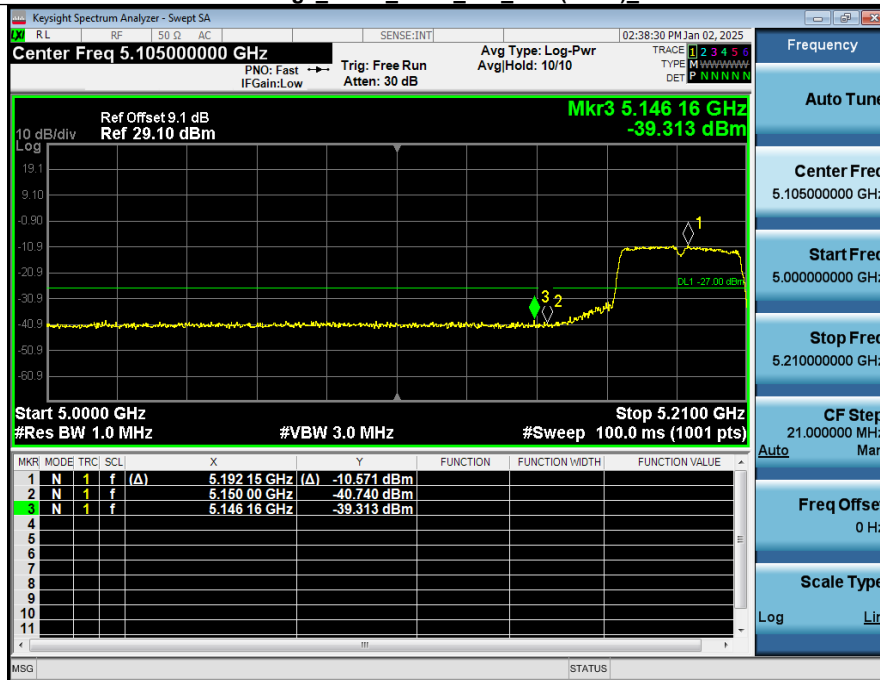
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190



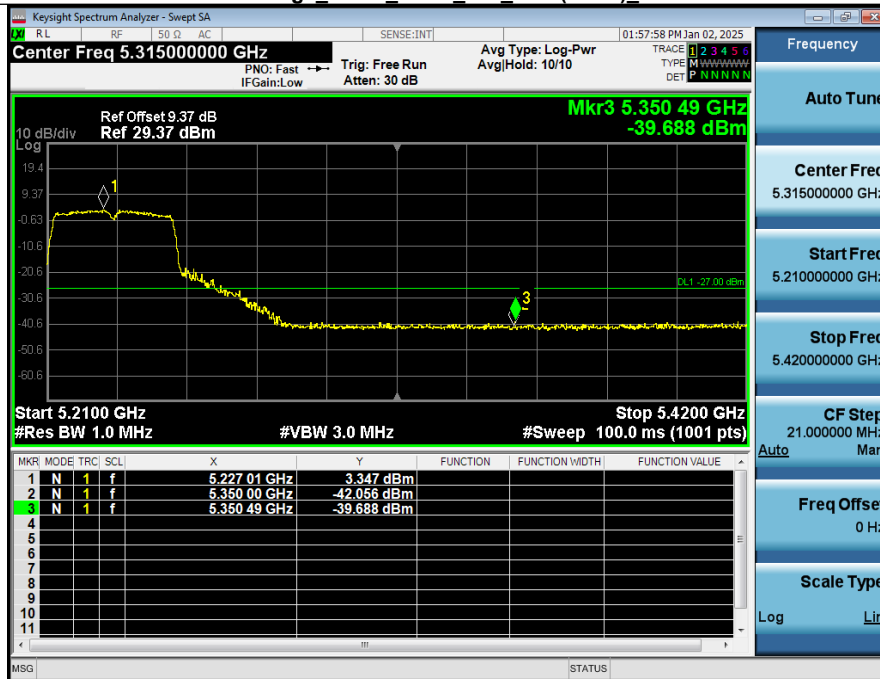
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5230



Bandedge_NVNT_ANT1_802_11ax(HE40)_5190



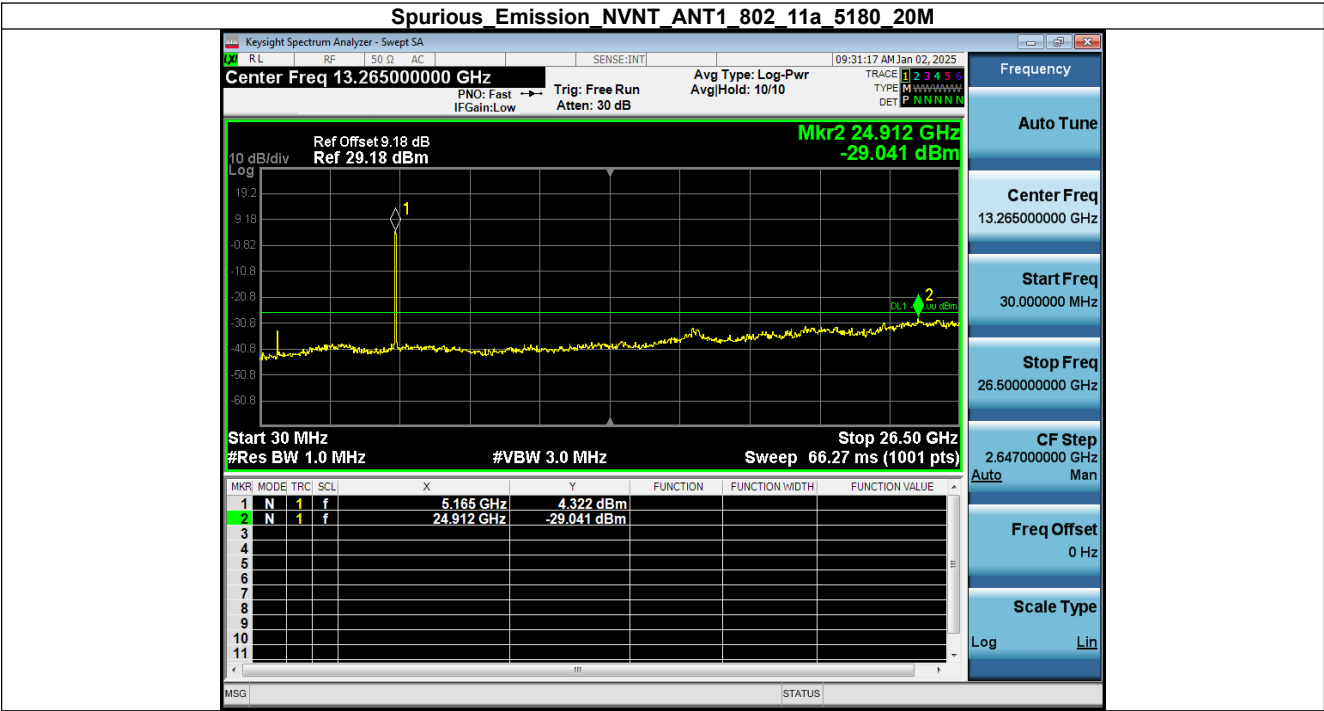
Bandedge_NVNT_ANT1_802_11ax(HE40)_5230



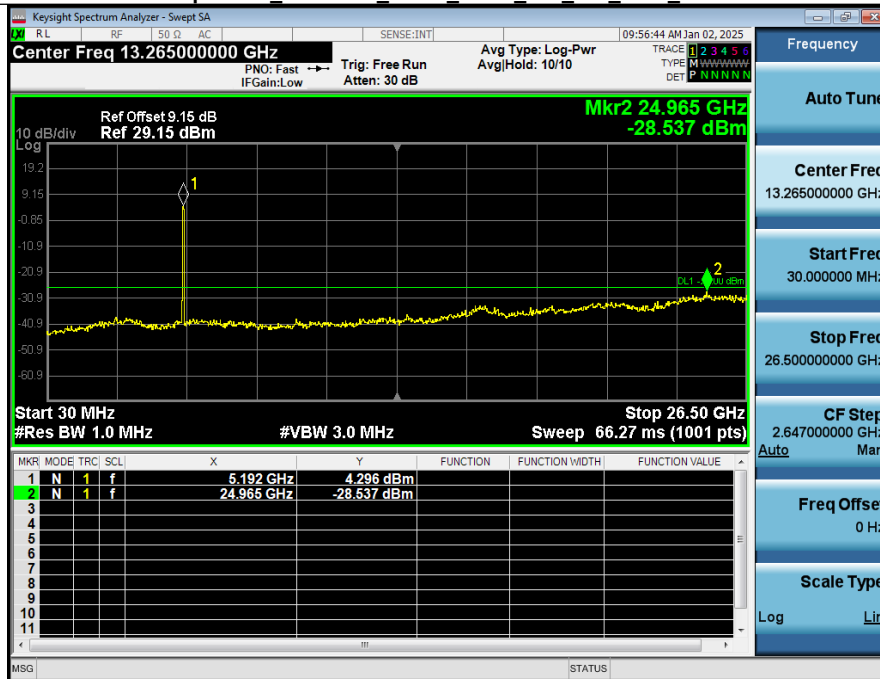
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	24911.80	-29.04	-27	Pass
NVNT	ANT1	802.11a	5200.00	24964.74	-28.54	-27	Pass
NVNT	ANT1	802.11a	5240.00	24991.21	-28.96	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	25626.49	-28.80	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	25361.79	-29.17	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	25679.43	-28.60	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	25097.09	-28.84	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	25732.37	-28.91	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	25017.68	-28.59	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	24991.21	-29.06	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	25441.20	-29.04	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	25520.61	-28.65	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	24991.21	-29.71	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	24567.69	-28.24	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	24991.21	-28.96	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	25520.61	-28.92	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	24964.74	-28.09	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	24964.74	-28.94	-27	Pass

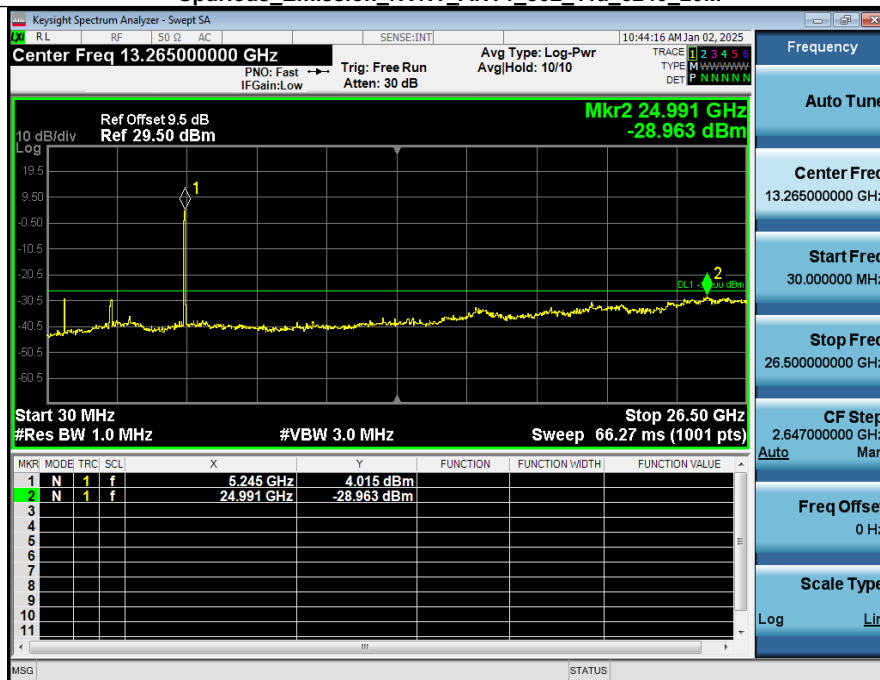
Note:1. The antenna gain is compensated in the test data.
2. 26.5GHz-40GHz the Spurious leve margin is the largest, so the test data only reflects 30MHz-26.5GHz



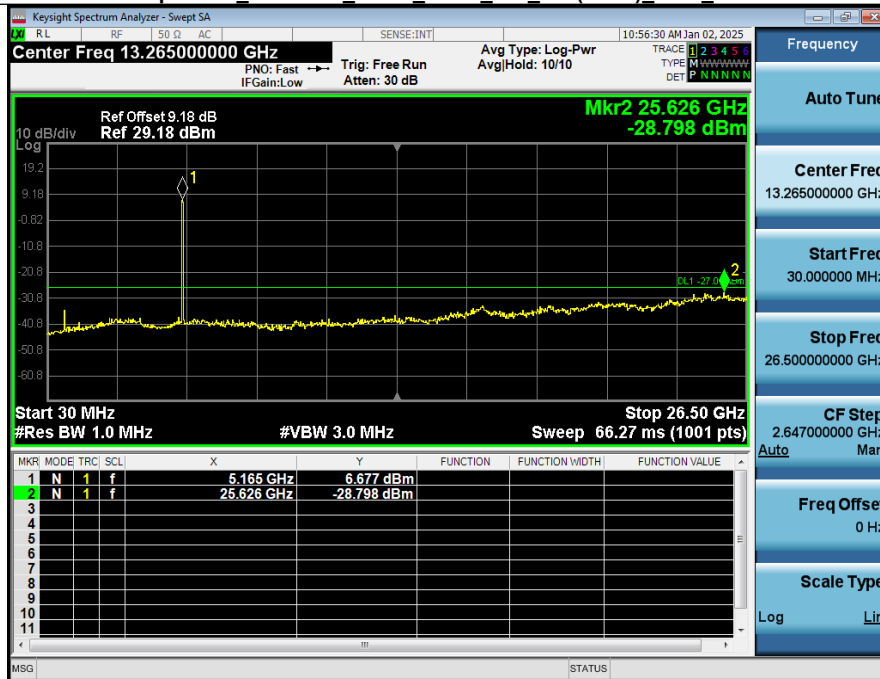
Spurious Emission NVNT_ANT1_802_11a_5200_20M



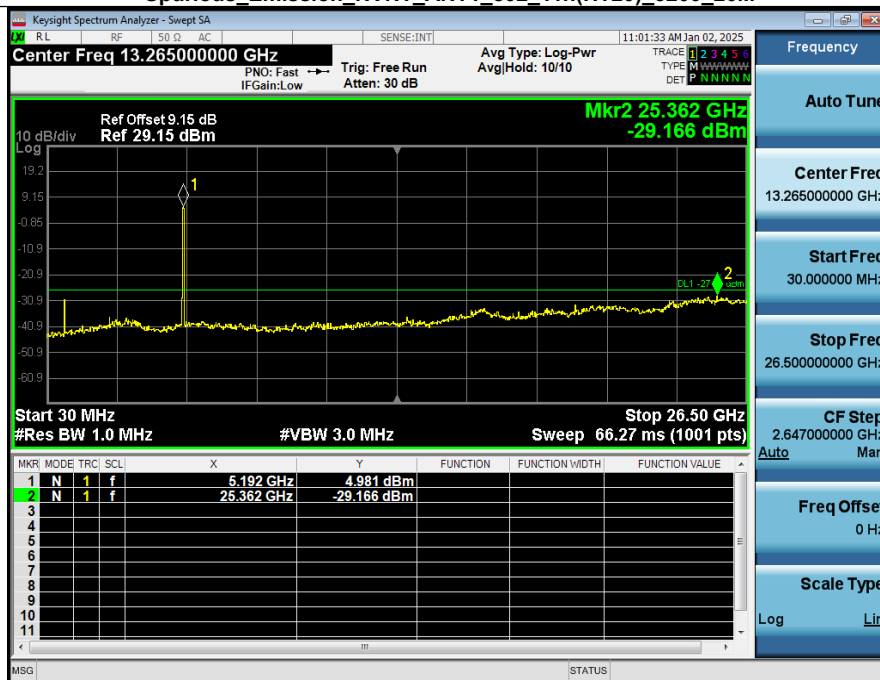
Spurious Emission NVNT_ANT1_802_11a_5240_20M



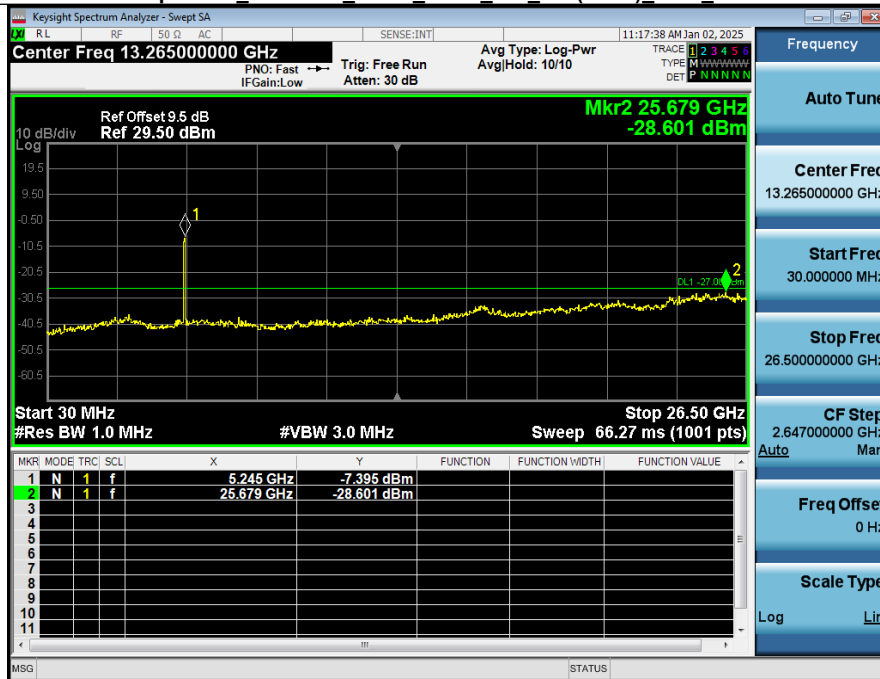
Spurious Emission_NVNT_ANT1_802_11n(HT20)_5180_20M



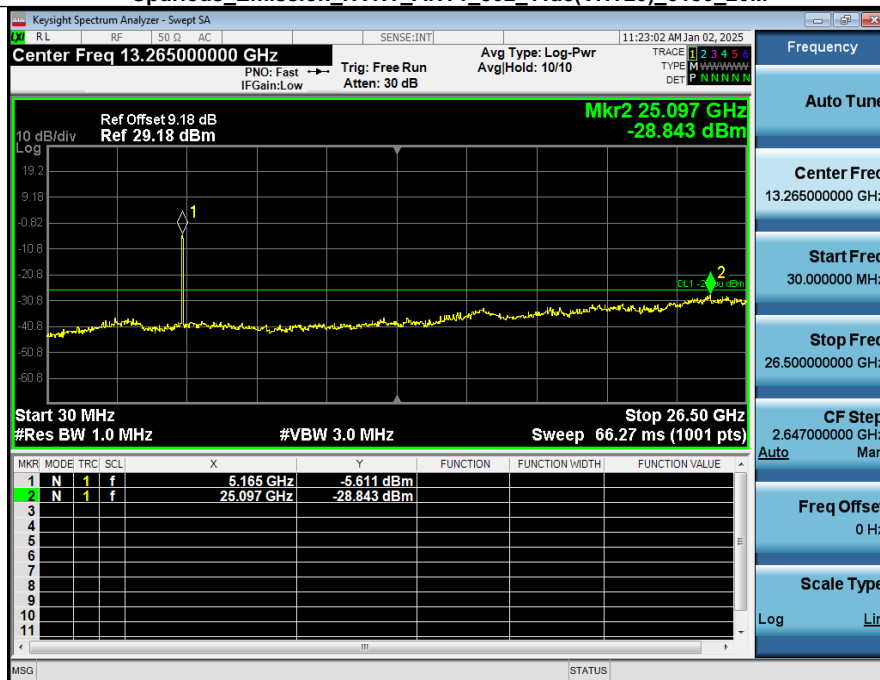
Spurious Emission_NVNT_ANT1_802_11n(HT20)_5200_20M



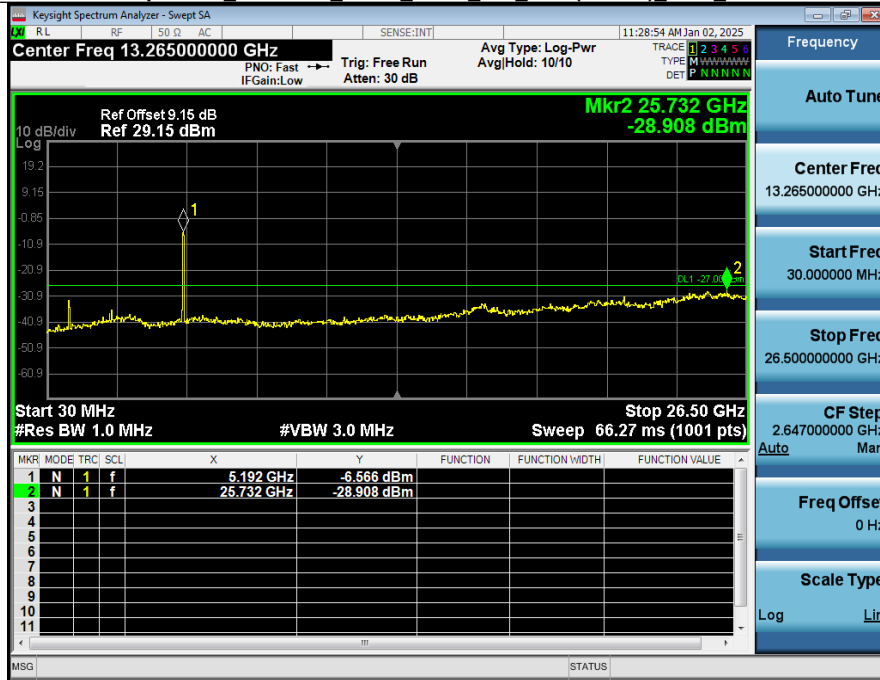
Spurious Emission NVNT_ANT1_802_11n(HT20)_5240_20M



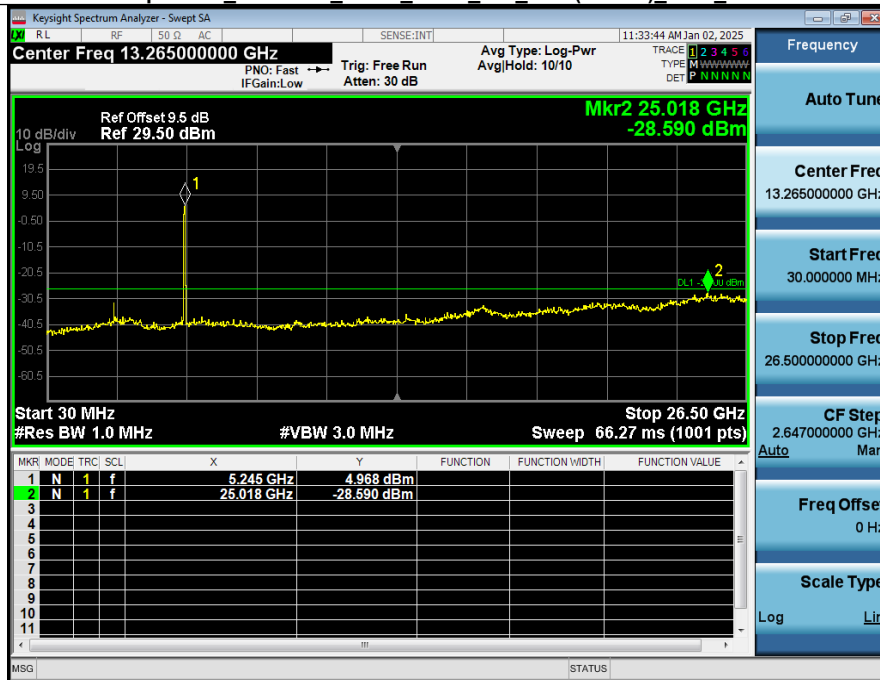
Spurious Emission NVNT_ANT1_802_11ac(VHT20)_5180_20M



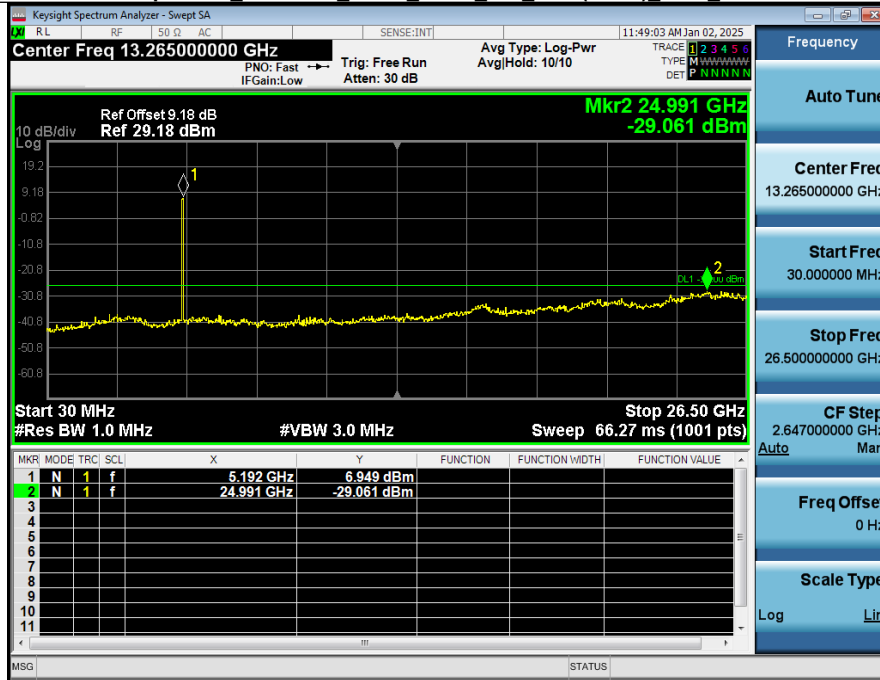
Spurious Emission NVNT_ANT1_802_11ac(VHT20)_5200_20M



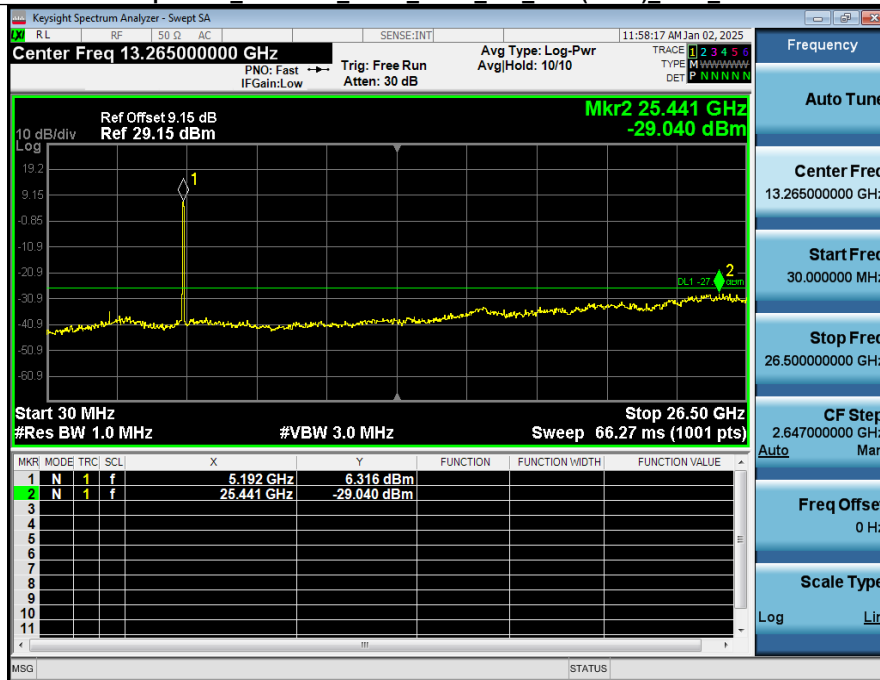
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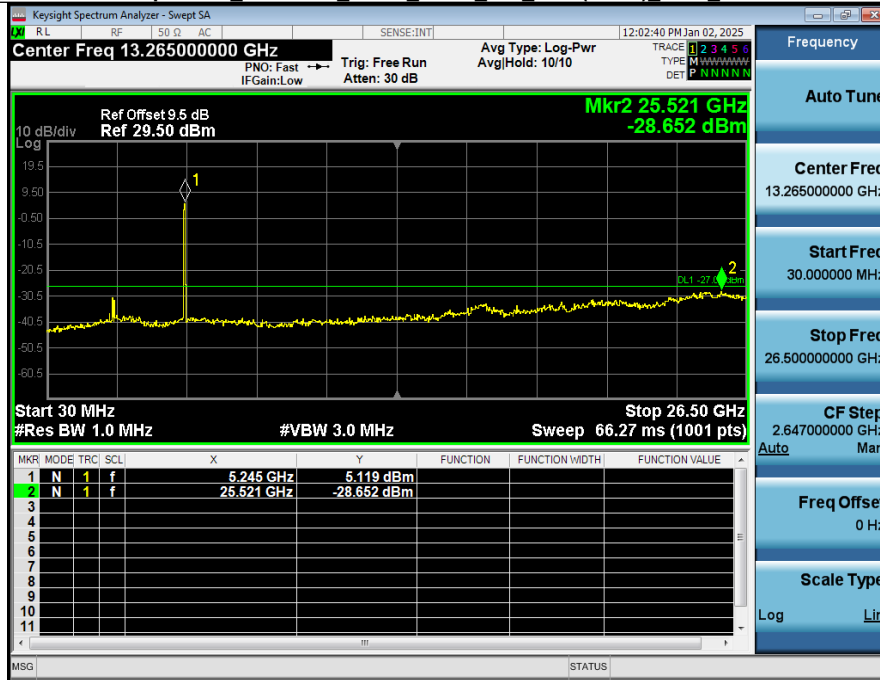
Spurious Emission NVNT_ANT1_802_11ax(HE20)_5180_20M



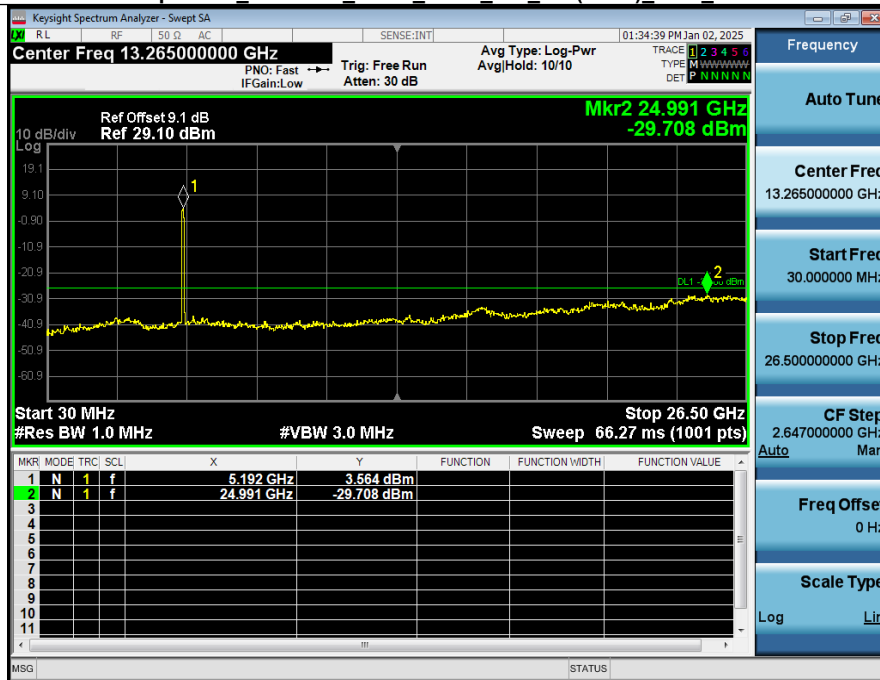
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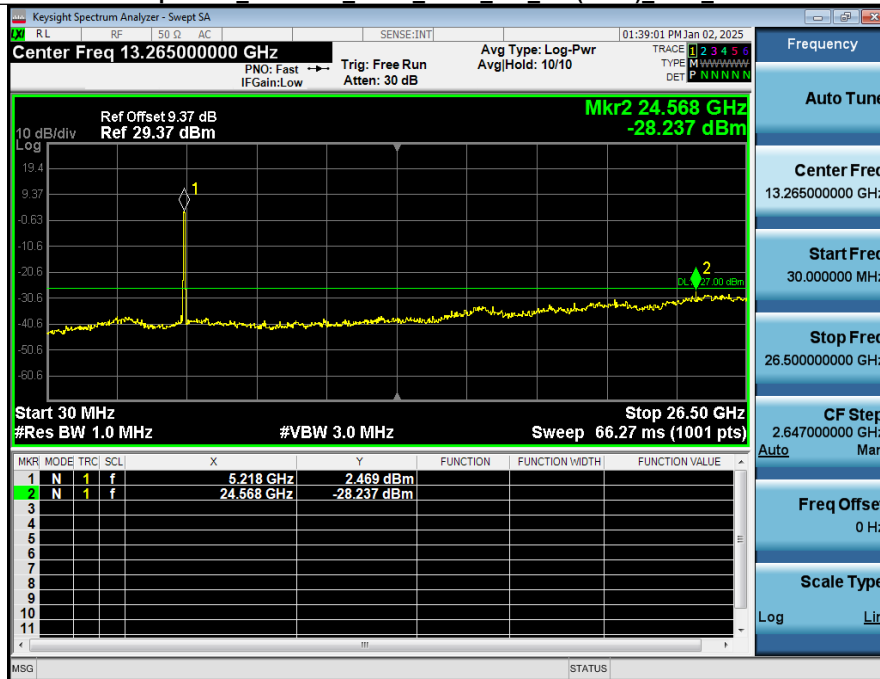
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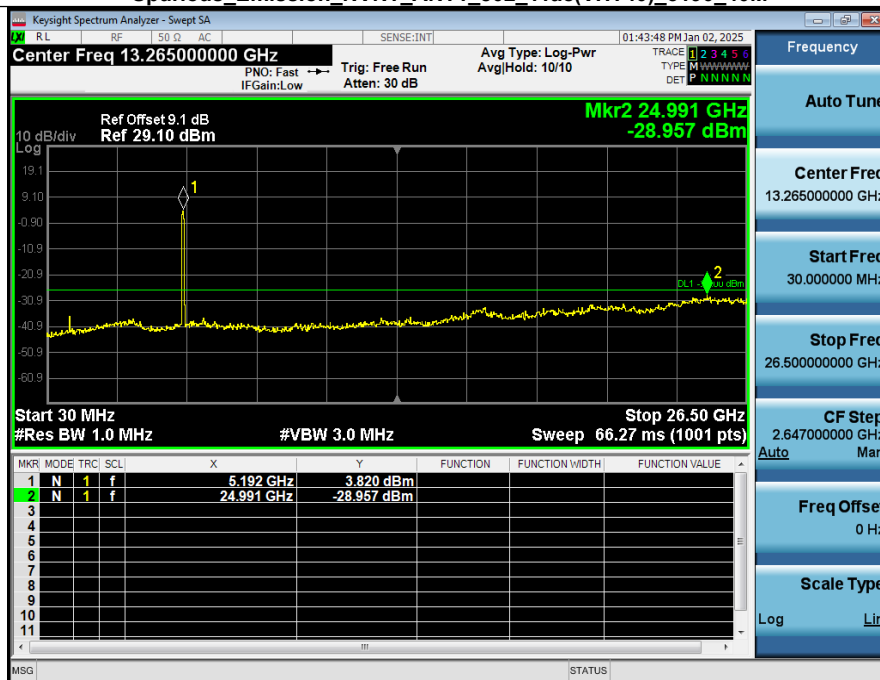
Spurious Emission NVNT_ANT1_802_11n(HT40)_5190_40M



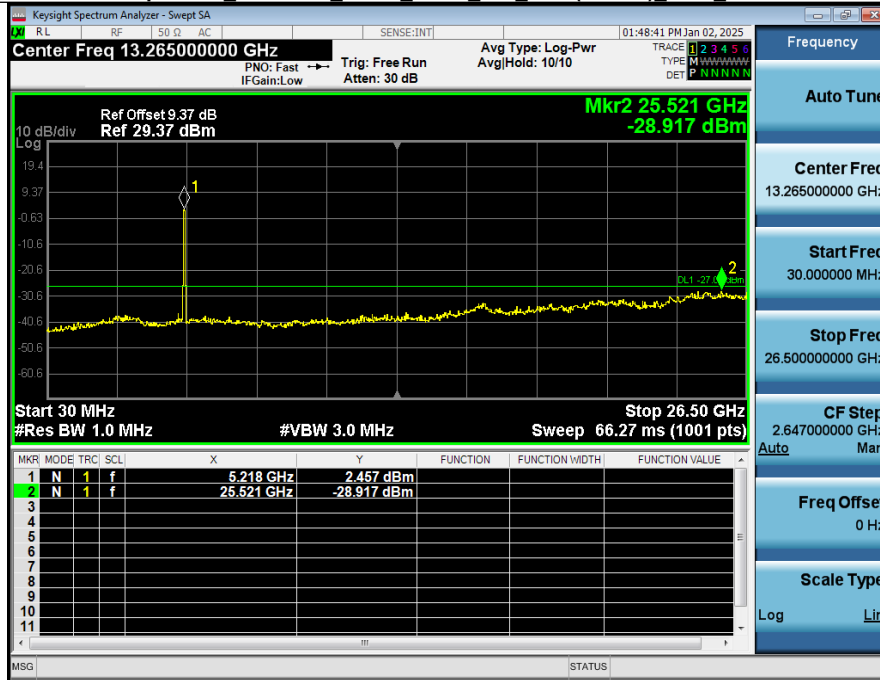
Spurious Emission NVNT_ANT1_802_11n(HT40)_5230_40M



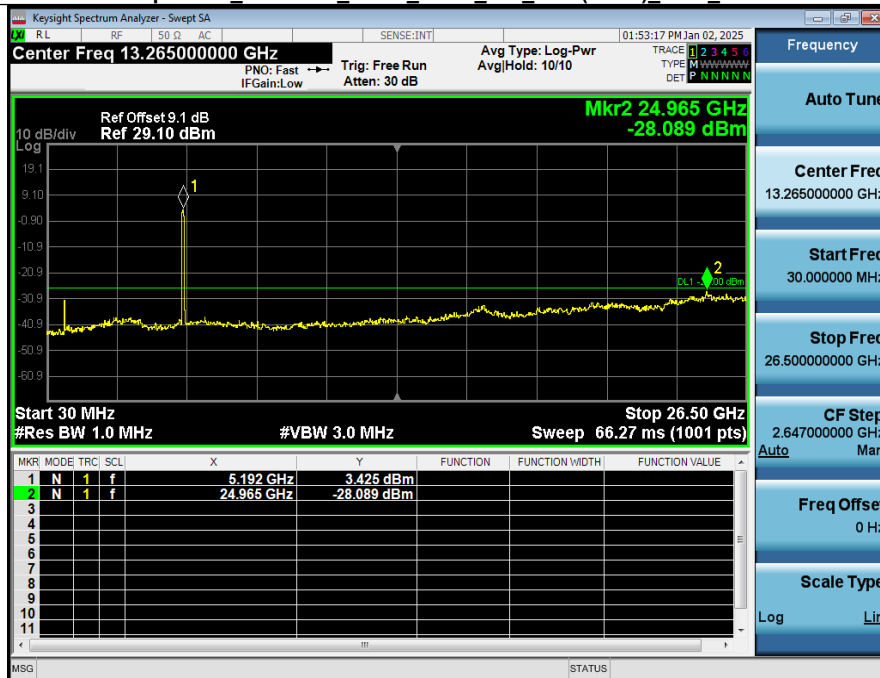
Spurious Emission NVNT_ANT1_802_11ac(VHT40)_5190_40M



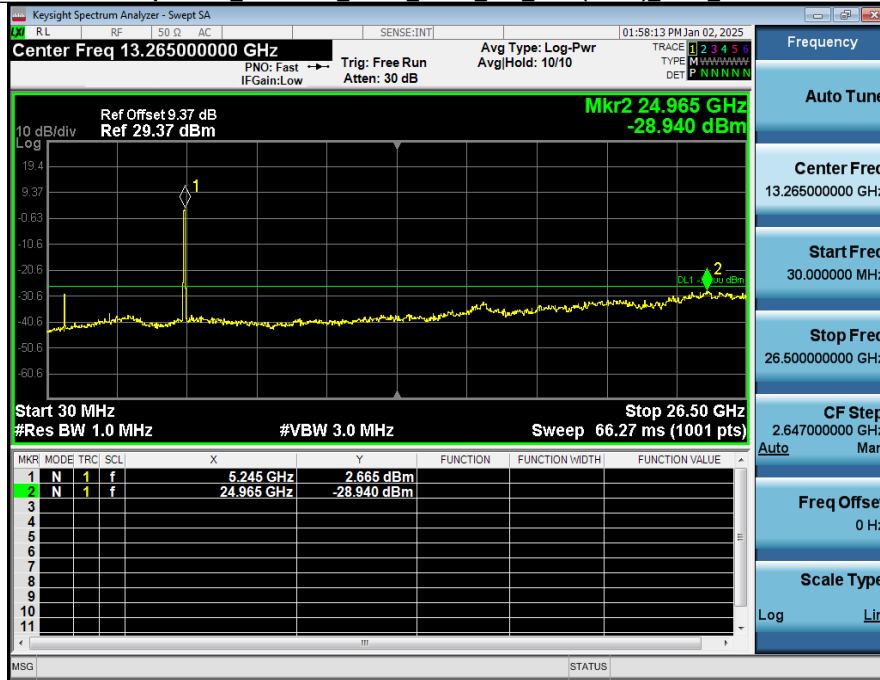
Spurious Emission NVNT_ANT1_802_11ac(VHT40) 5230_40M



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&&NV	ANT1	802.11a	5180.00	5180.018	5171.344	5188.692	5150~5250	Pass
45degrees C&&NV	ANT1	802.11a	5180.00	5180.018	5171.616	5188.420	5150~5250	Pass
35degrees C&&NV	ANT1	802.11a	5180.00	5180.022	5171.772	5188.272	5150~5250	Pass
25degrees C&&NV	ANT1	802.11a	5180.00	5180.010	5171.848	5188.172	5150~5250	Pass
15degrees C&&NV	ANT1	802.11a	5180.00	5180.008	5171.916	5188.100	5150~5250	Pass
5degrees C&&NV	ANT1	802.11a	5180.00	5179.996	5171.968	5188.024	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11a	5180.00	5180.000	5172.024	5187.976	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11a	5180.00	5180.000	5172.068	5187.932	5150~5250	Pass
25degrees C&&HV	ANT1	802.11a	5180.00	5180.006	5172.120	5187.892	5150~5250	Pass
25degrees C&&NV	ANT1	802.11a	5180.00	5179.982	5172.156	5187.808	5150~5250	Pass
25degrees C&&LV	ANT1	802.11a	5180.00	5180.002	5172.196	5187.808	5150~5250	Pass
55degrees C&&NV	ANT1	802.11a	5200.00	5199.982	5191.260	5208.704	5150~5250	Pass
45degrees C&&NV	ANT1	802.11a	5200.00	5200.014	5191.616	5208.412	5150~5250	Pass
35degrees C&&NV	ANT1	802.11a	5200.00	5200.016	5191.760	5208.272	5150~5250	Pass
25degrees C&&NV	ANT1	802.11a	5200.00	5200.014	5191.852	5208.176	5150~5250	Pass
15degrees C&&NV	ANT1	802.11a	5200.00	5200.014	5191.916	5208.112	5150~5250	Pass
5degrees C&&NV	ANT1	802.11a	5200.00	5200.008	5191.964	5208.052	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11a	5200.00	5200.006	5192.020	5207.992	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11a	5200.00	5200.002	5192.068	5207.936	5150~5250	Pass
25degrees C&&HV	ANT1	802.11a	5200.00	5199.994	5192.112	5207.876	5150~5250	Pass
25degrees C&&NV	ANT1	802.11a	5200.00	5200.000	5192.160	5207.840	5150~5250	Pass
25degrees C&&LV	ANT1	802.11a	5200.00	5200.006	5192.200	5207.812	5150~5250	Pass
55degrees C&&NV	ANT1	802.11a	5240.00	5240.026	5231.360	5248.692	5150~5250	Pass
45degrees C&&NV	ANT1	802.11a	5240.00	5240.004	5231.632	5248.376	5150~5250	Pass
35degrees C&&NV	ANT1	802.11a	5240.00	5240.002	5231.768	5248.236	5150~5250	Pass
25degrees C&&NV	ANT1	802.11a	5240.00	5240.000	5231.852	5248.148	5150~5250	Pass
15degrees C&&NV	ANT1	802.11a	5240.00	5240.014	5231.924	5248.104	5150~5250	Pass
5degrees C&&NV	ANT1	802.11a	5240.00	5240.000	5231.972	5248.028	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11a	5240.00	5240.004	5232.024	5247.984	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11a	5240.00	5239.996	5232.068	5247.924	5150~5250	Pass
25degrees C&&HV	ANT1	802.11a	5240.00	5240.004	5232.120	5247.888	5150~5250	Pass
25degrees C&&NV	ANT1	802.11a	5240.00	5240.002	5232.168	5247.836	5150~5250	Pass
25degrees C&&LV	ANT1	802.11a	5240.00	5240.010	5232.212	5247.808	5150~5250	Pass
55degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.040	5170.816	5189.264	5150~5250	Pass
45degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.002	5171.096	5188.908	5150~5250	Pass
35degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.014	5171.244	5188.784	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.006	5171.332	5188.680	5150~5250	Pass
15degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.010	5171.404	5188.616	5150~5250	Pass
5degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.004	5171.472	5188.536	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5180.012	5171.528	5188.496	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5179.988	5171.576	5188.400	5150~5250	Pass
25degrees C&&HV	ANT1	802.11n(HT20)	5180.00	5179.988	5171.632	5188.344	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT20)	5180.00	5179.994	5171.688	5188.300	5150~5250	Pass
25degrees C&&LV	ANT1	802.11n(HT20)	5180.00	5179.992	5171.744	5188.240	5150~5250	Pass
55degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5200.030	5190.832	5209.228	5150~5250	Pass
45degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5199.990	5191.080	5208.900	5150~5250	Pass
35degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5200.014	5191.232	5208.796	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5200.008	5191.324	5208.692	5150~5250	Pass
15degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5200.012	5191.404	5208.620	5150~5250	Pass
5degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5199.998	5191.468	5208.528	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5199.994	5191.524	5208.464	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5199.988	5191.576	5208.400	5150~5250	Pass
25degrees C&&HV	ANT1	802.11n(HT20)	5200.00	5199.998	5191.640	5208.356	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT20)	5200.00	5200.004	5191.688	5208.320	5150~5250	Pass
25degrees C&&LV	ANT1	802.11n(HT20)	5200.00	5199.992	5191.748	5208.236	5150~5250	Pass
55degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5240.026	5230.860	5249.192	5150~5250	Pass
45degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5239.988	5231.108	5248.868	5150~5250	Pass
35degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5240.006	5231.248	5248.764	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5239.998	5231.332	5248.664	5150~5250	Pass
15degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5240.004	5231.408	5248.600	5150~5250	Pass
5degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5240.004	5231.472	5248.536	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5239.996	5231.536	5248.456	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5239.994	5231.592	5248.396	5150~5250	Pass
25degrees C&&HV	ANT1	802.11n(HT20)	5240.00	5239.998	5231.660	5248.336	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT20)	5240.00	5240.000	5231.712	5248.288	5150~5250	Pass
25degrees C&&LV	ANT1	802.11n(HT20)	5240.00	5240.006	5231.756	5248.256	5150~5250	Pass

55degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5180.024	5170.812	5189.236	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5180.022	5171.112	5188.932	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5180.018	5171.252	5188.784	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5180.014	5171.336	5188.692	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5179.996	5171.404	5188.588	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5180.002	5171.464	5188.540	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5179.998	5171.528	5188.468	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5179.992	5171.588	5188.396	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ac(VHT20)	5180.00	5180.000	5171.652	5188.348	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT20)	5180.00	5179.990	5171.704	5188.276	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ac(VHT20)	5180.00	5179.996	5171.752	5188.240	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5200.006	5190.800	5209.212	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5199.992	5191.084	5208.900	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5200.006	5191.232	5208.780	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5200.004	5191.316	5208.692	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5199.998	5191.388	5208.608	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5199.996	5191.456	5208.536	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5200.004	5191.520	5208.488	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5199.994	5191.572	5208.416	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ac(VHT20)	5200.00	5199.992	5191.616	5208.368	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT20)	5200.00	5199.984	5191.656	5208.312	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ac(VHT20)	5200.00	5199.966	5191.708	5208.224	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5240.022	5230.872	5249.172	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5240.004	5231.128	5248.880	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5240.020	5231.264	5248.776	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5240.016	5231.348	5248.684	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5240.010	5231.424	5248.596	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5239.998	5231.476	5248.520	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5240.000	5231.536	5248.464	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5239.998	5231.584	5248.412	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ac(VHT20)	5240.00	5239.996	5231.644	5248.348	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT20)	5240.00	5239.986	5231.696	5248.276	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ac(VHT20)	5240.00	5239.980	5231.736	5248.224	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.034	5170.824	5189.244	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.020	5171.120	5188.920	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.010	5171.252	5188.768	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.014	5171.336	5188.692	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.014	5171.412	5188.616	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.004	5171.480	5188.528	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5180.004	5171.540	5188.468	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5179.996	5171.592	5188.400	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ax(HE20)	5180.00	5179.988	5171.636	5188.340	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE20)	5180.00	5179.994	5171.688	5188.300	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ax(HE20)	5180.00	5179.996	5171.748	5188.244	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5199.998	5190.796	5209.200	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5199.996	5191.084	5208.908	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5200.012	5191.236	5208.788	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5200.006	5191.328	5208.684	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5200.006	5191.400	5208.612	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5200.012	5191.468	5208.556	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5200.014	5191.536	5208.492	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5200.004	5191.588	5208.420	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ax(HE20)	5200.00	5200.004	5191.648	5208.360	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE20)	5200.00	5199.988	5191.696	5208.280	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ax(HE20)	5200.00	5200.010	5191.744	5208.276	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5240.016	5230.832	5249.200	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5239.986	5231.088	5248.884	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5240.000	5231.240	5248.760	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5240.004	5231.328	5248.680	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5240.016	5231.412	5248.620	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5240.006	5231.476	5248.536	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5239.994	5231.528	5248.460	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5240.008	5231.596	5248.420	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ax(HE20)	5240.00	5239.992	5231.648	5248.336	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE20)	5240.00	5239.972	5231.700	5248.244	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ax(HE20)	5240.00	5240.000	5231.744	5248.256	5150~5250	Pass
55degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5190.048	5171.760	5208.336	5150~5250	Pass
45degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5190.032	5171.960	5208.104	5150~5250	Pass
35degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5190.016	5172.136	5207.896	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5189.996	5172.272	5207.720	5150~5250	Pass
15degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5189.988	5172.384	5207.592	5150~5250	Pass
5degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5189.980	5172.488	5207.472	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5189.964	5172.584	5207.344	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5189.944	5172.672	5207.216	5150~5250	Pass
25degrees C&&HV	ANT1	802.11n(HT40)	5190.00	5189.948	5172.816	5207.080	5150~5250	Pass

25degrees C&&NV	ANT1	802.11n(HT40)	5190.00	5189.932	5172.904	5206.960	5150~5250	Pass
25degrees C&&LV	ANT1	802.11n(HT40)	5190.00	5189.920	5173.016	5206.824	5150~5250	Pass
55degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5230.048	5211.784	5248.312	5150~5250	Pass
45degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5230.008	5211.992	5248.024	5150~5250	Pass
35degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5230.000	5212.136	5247.864	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5229.976	5212.256	5247.696	5150~5250	Pass
15degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5230.008	5212.384	5247.632	5150~5250	Pass
5degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5229.988	5212.496	5247.480	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5229.976	5212.600	5247.352	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5229.960	5212.688	5247.232	5150~5250	Pass
25degrees C&&HV	ANT1	802.11n(HT40)	5230.00	5229.944	5212.792	5247.096	5150~5250	Pass
25degrees C&&NV	ANT1	802.11n(HT40)	5230.00	5229.952	5212.912	5246.992	5150~5250	Pass
25degrees C&&LV	ANT1	802.11n(HT40)	5230.00	5229.924	5213.032	5246.816	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5190.048	5171.744	5208.352	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5190.004	5171.952	5208.056	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5190.004	5172.096	5207.912	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5189.932	5172.176	5207.688	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5189.936	5172.304	5207.568	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5189.948	5172.408	5207.488	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5189.916	5172.528	5207.304	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5189.936	5172.608	5207.264	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ac(VHT40)	5190.00	5189.900	5172.704	5207.096	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT40)	5190.00	5189.864	5172.792	5206.936	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ac(VHT40)	5190.00	5189.892	5172.904	5206.880	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5230.048	5211.792	5248.304	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5230.020	5212.024	5248.016	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5230.024	5212.184	5247.864	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5230.016	5212.320	5247.712	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5230.028	5212.440	5247.616	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5230.012	5212.544	5247.480	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5229.972	5212.640	5247.304	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5229.992	5212.736	5247.248	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ac(VHT40)	5230.00	5229.952	5212.832	5247.072	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ac(VHT40)	5230.00	5229.972	5212.904	5247.040	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ac(VHT40)	5230.00	5229.952	5213.016	5246.888	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5190.064	5171.784	5208.344	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5190.020	5171.968	5208.072	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5190.008	5172.136	5207.880	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5189.984	5172.256	5207.712	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5189.996	5172.376	5207.616	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5189.952	5172.464	5207.440	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5189.912	5172.568	5207.256	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5189.924	5172.648	5207.200	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ax(HE40)	5190.00	5189.904	5172.760	5207.048	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE40)	5190.00	5189.920	5172.856	5206.984	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ax(HE40)	5190.00	5189.896	5172.944	5206.848	5150~5250	Pass
55degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5230.044	5211.792	5248.296	5150~5250	Pass
45degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5230.016	5211.976	5248.056	5150~5250	Pass
35degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5230.024	5212.152	5247.896	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5229.976	5212.272	5247.680	5150~5250	Pass
15degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5230.016	5212.392	5247.640	5150~5250	Pass
5degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5229.968	5212.504	5247.432	5150~5250	Pass
-5degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5229.984	5212.600	5247.368	5150~5250	Pass
-15degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5229.932	5212.680	5247.184	5150~5250	Pass
25degrees C&&HV	ANT1	802.11ax(HE40)	5230.00	5229.916	5212.792	5247.040	5150~5250	Pass
25degrees C&&NV	ANT1	802.11ax(HE40)	5230.00	5229.924	5212.888	5246.960	5150~5250	Pass
25degrees C&&LV	ANT1	802.11ax(HE40)	5230.00	5229.936	5212.976	5246.896	5150~5250	Pass