

Appendix

Test Data

for BTEK250606005AE004

Start date	2025/6/17	Finish date	2025/6/17
Temperature	22.2℃	Humidity	58%
RF specifications	5.2G WIFI	Test Engineer	Zora



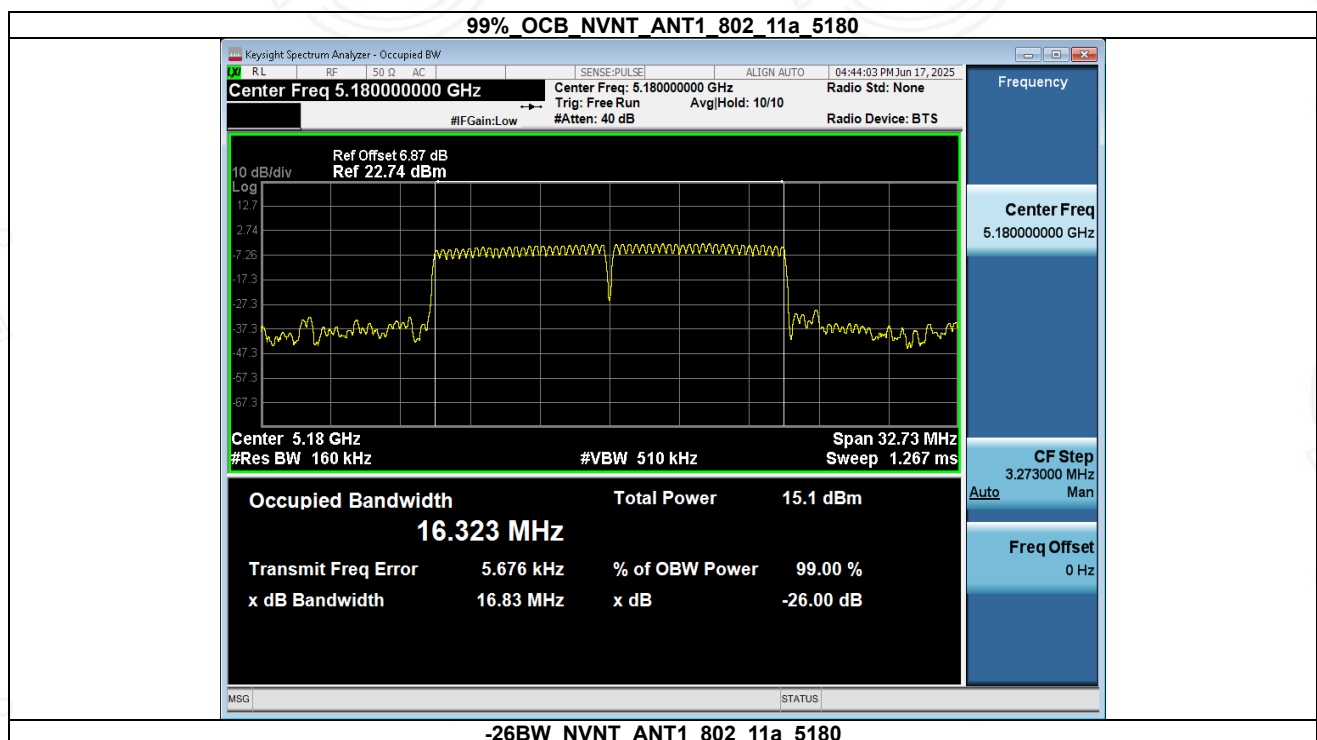
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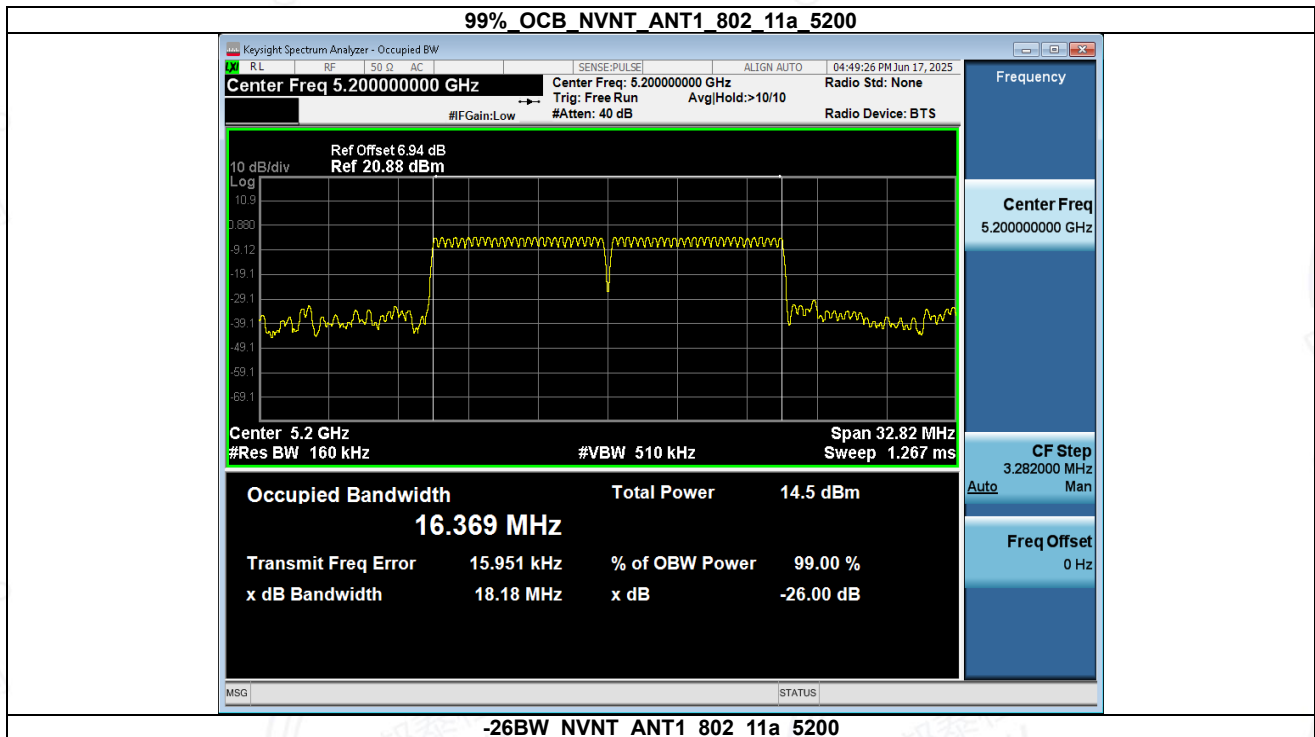
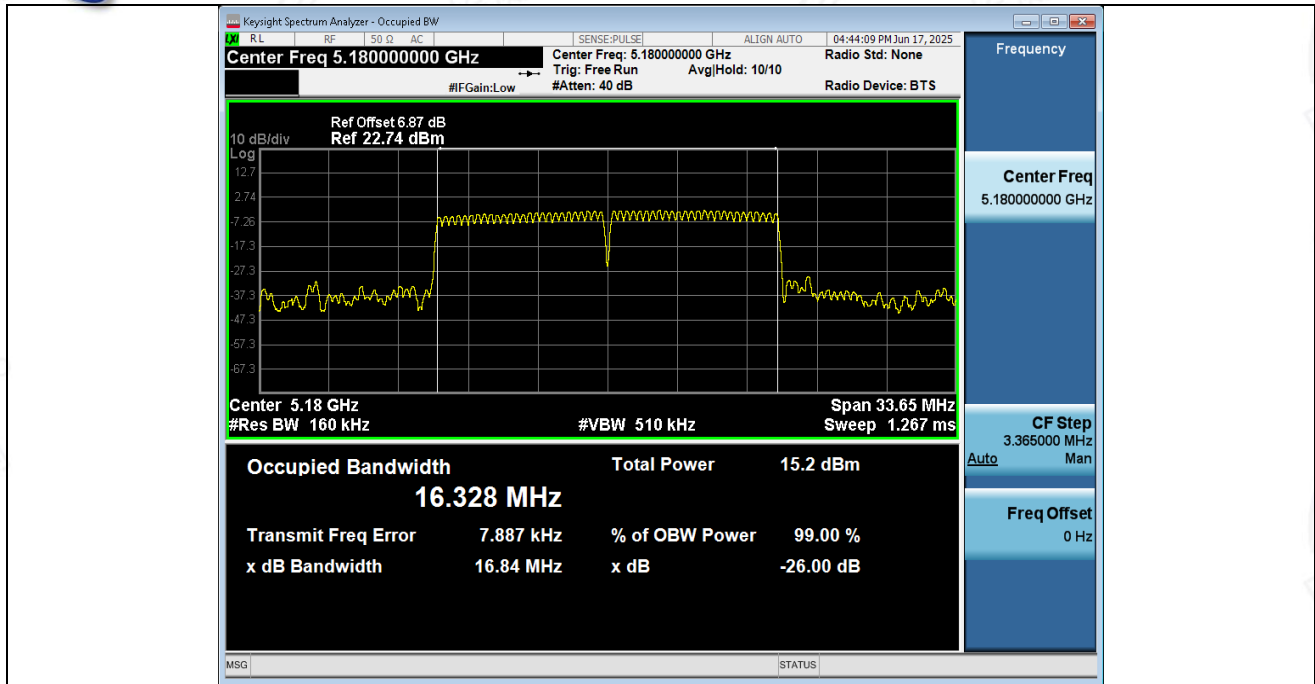
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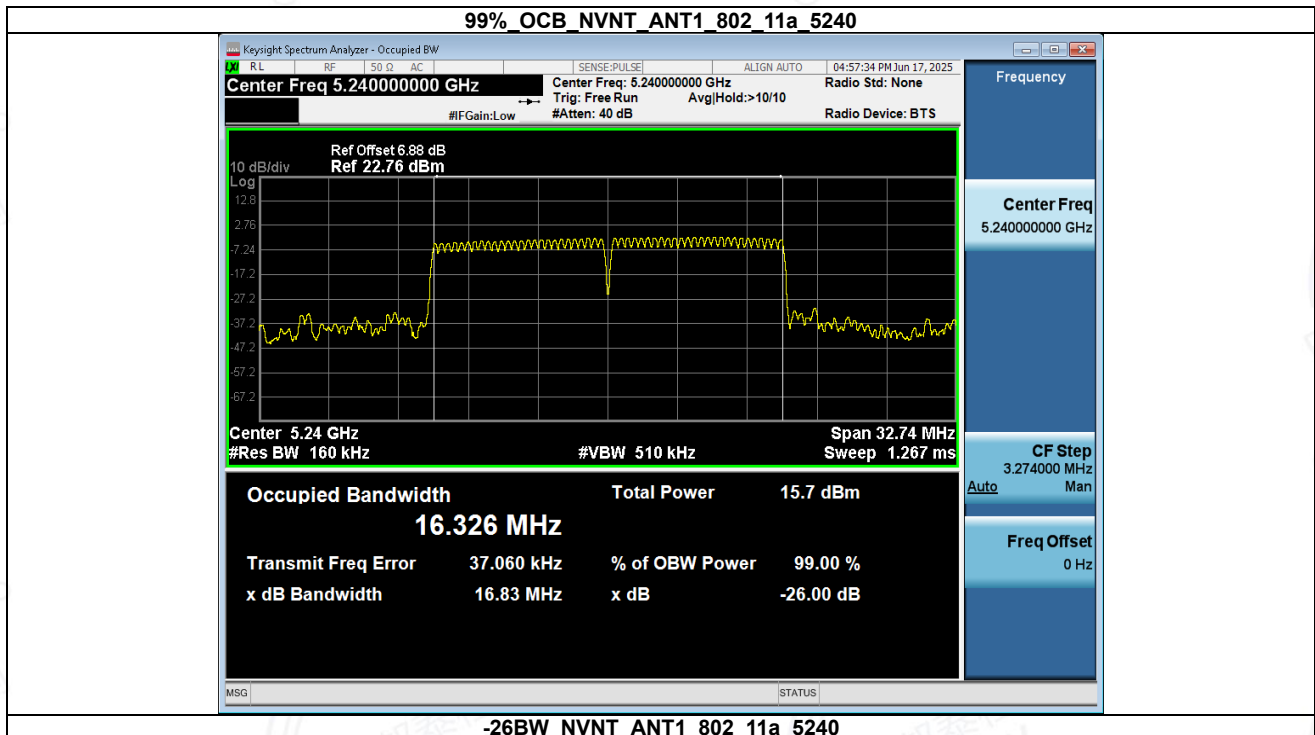
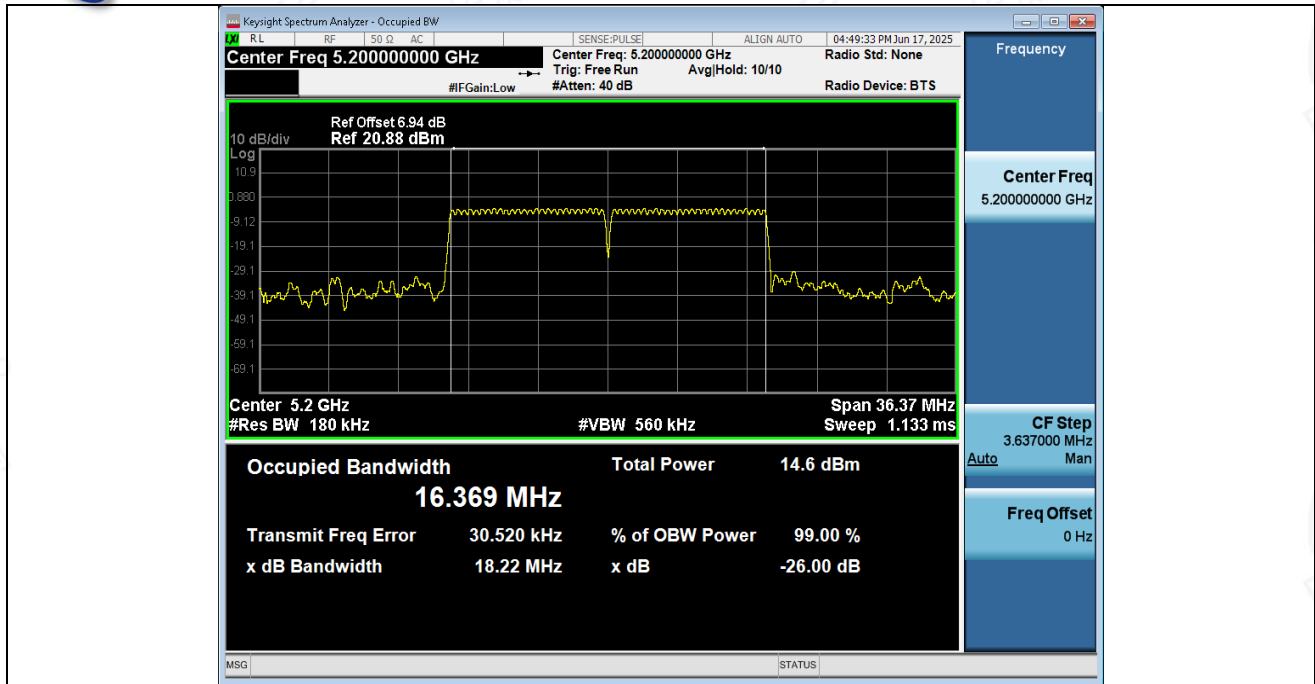


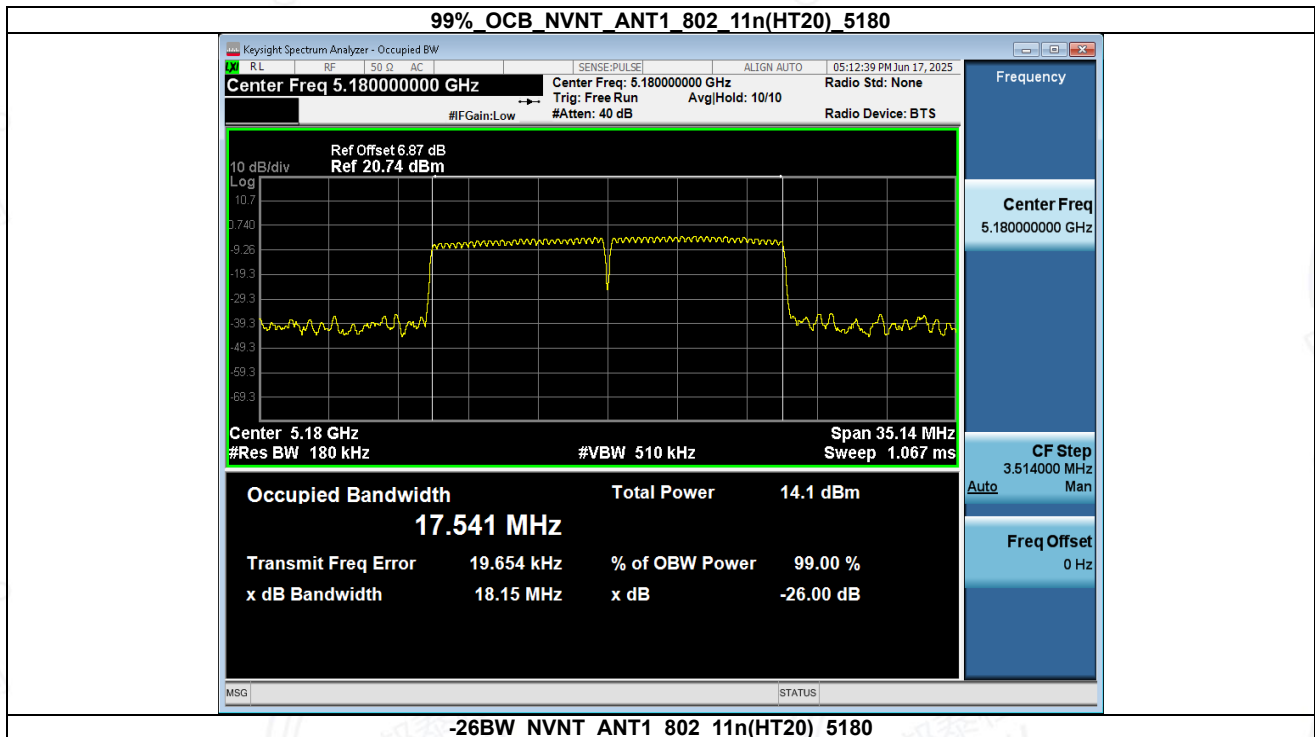
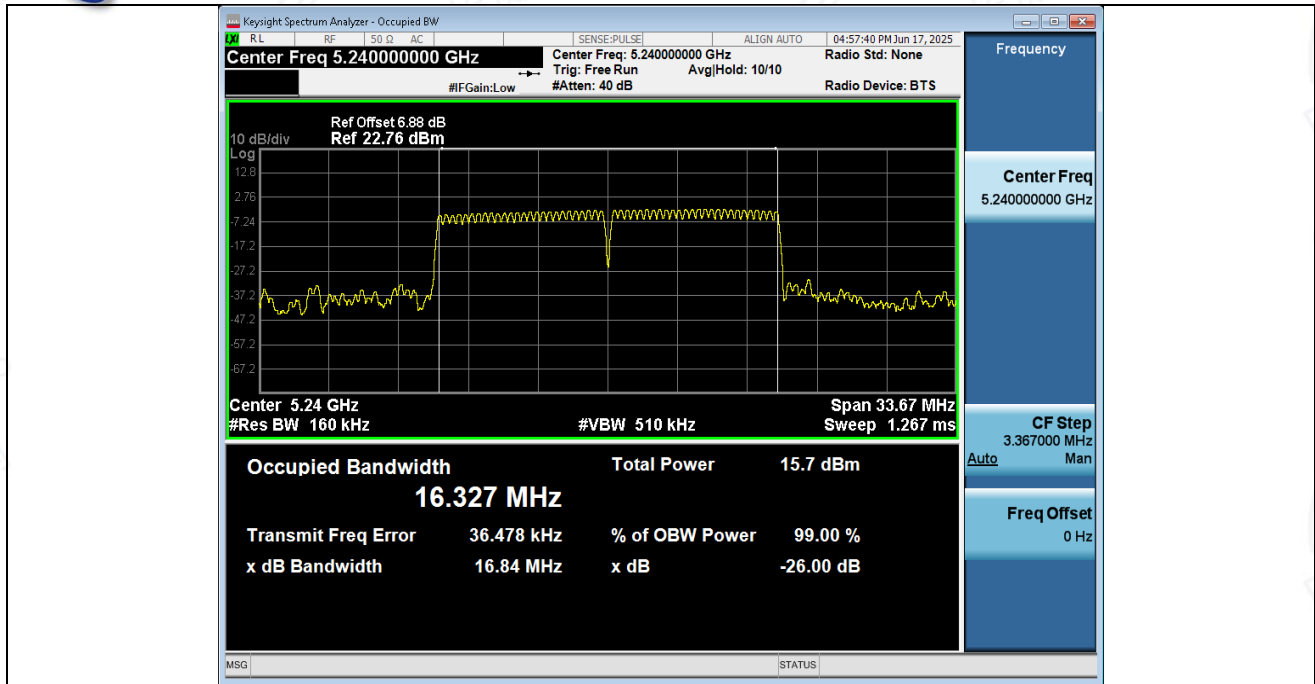
1. -26dB and 99% Emission Bandwidth

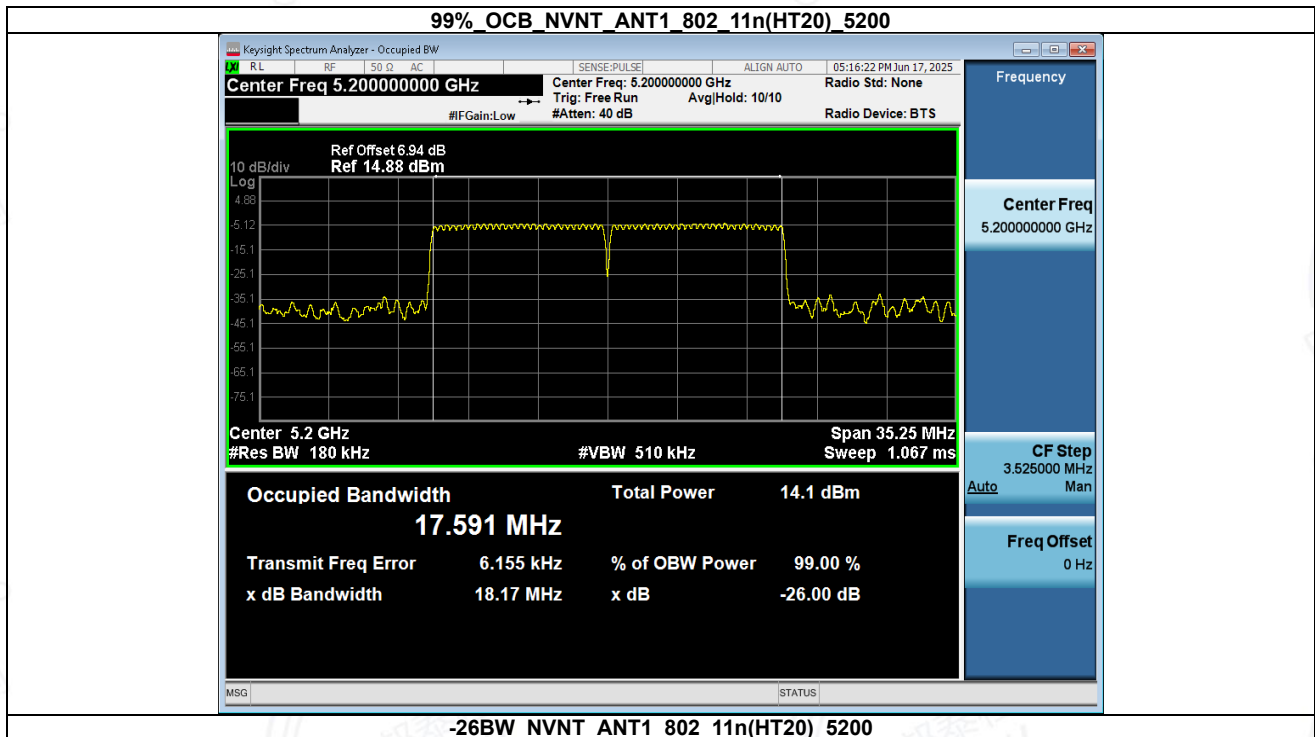
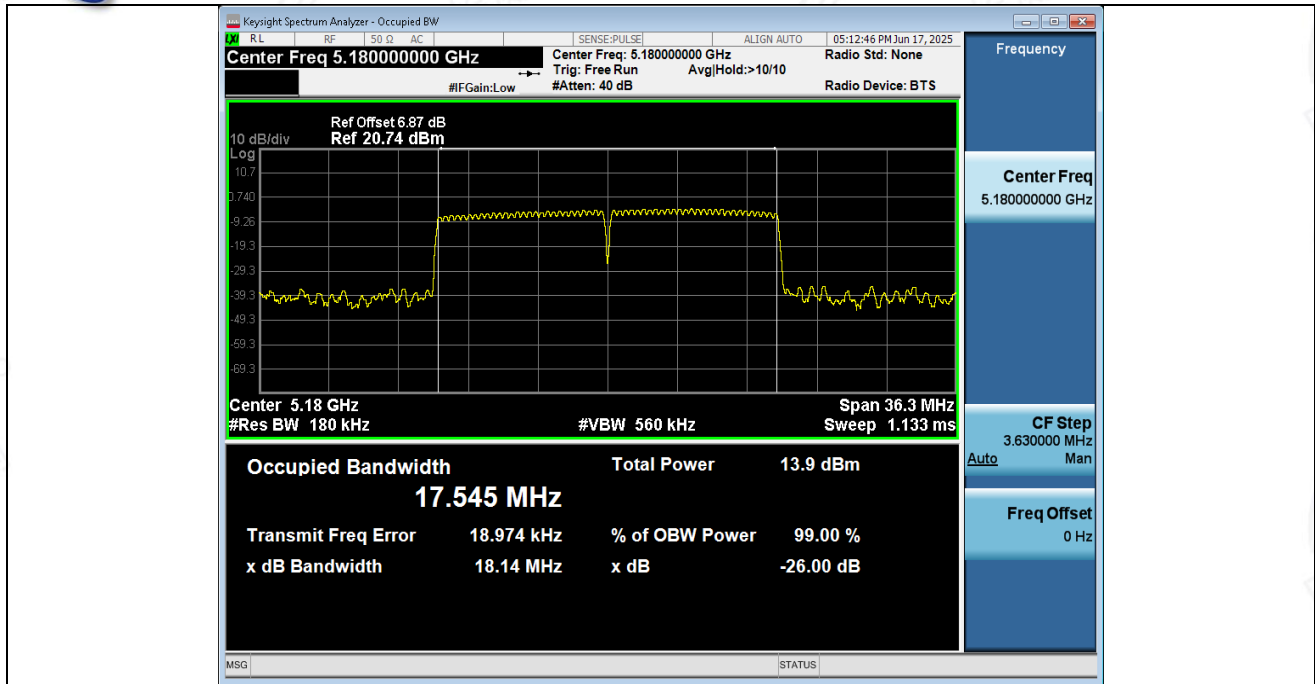
Condition	Antenna	Modulation	Frequency(MHz)	-26dB Emission Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	16.84	16.32
NVNT	ANT1	802.11a	5200.00	18.22	16.37
NVNT	ANT1	802.11a	5240.00	16.84	16.33
NVNT	ANT1	802.11n(HT20)	5180.00	18.14	17.54
NVNT	ANT1	802.11n(HT20)	5200.00	18.17	17.59
NVNT	ANT1	802.11n(HT20)	5240.00	18.15	17.55
NVNT	ANT1	802.11ac(VHT20)	5180.00	18.18	17.55
NVNT	ANT1	802.11ac(VHT20)	5200.00	18.22	17.59
NVNT	ANT1	802.11ac(VHT20)	5240.00	18.16	17.55
NVNT	ANT1	802.11ax(HE20)	5180.00	19.61	18.87
NVNT	ANT1	802.11ax(HE20)	5200.00	19.63	18.93
NVNT	ANT1	802.11ax(HE20)	5240.00	19.60	18.88
NVNT	ANT1	802.11n(HT40)	5190.00	37.35	36.07
NVNT	ANT1	802.11n(HT40)	5230.00	37.36	36.14
NVNT	ANT1	802.11ac(VHT40)	5190.00	37.34	36.07
NVNT	ANT1	802.11ac(VHT40)	5230.00	37.36	36.14
NVNT	ANT1	802.11ax(HE40)	5190.00	39.07	37.63
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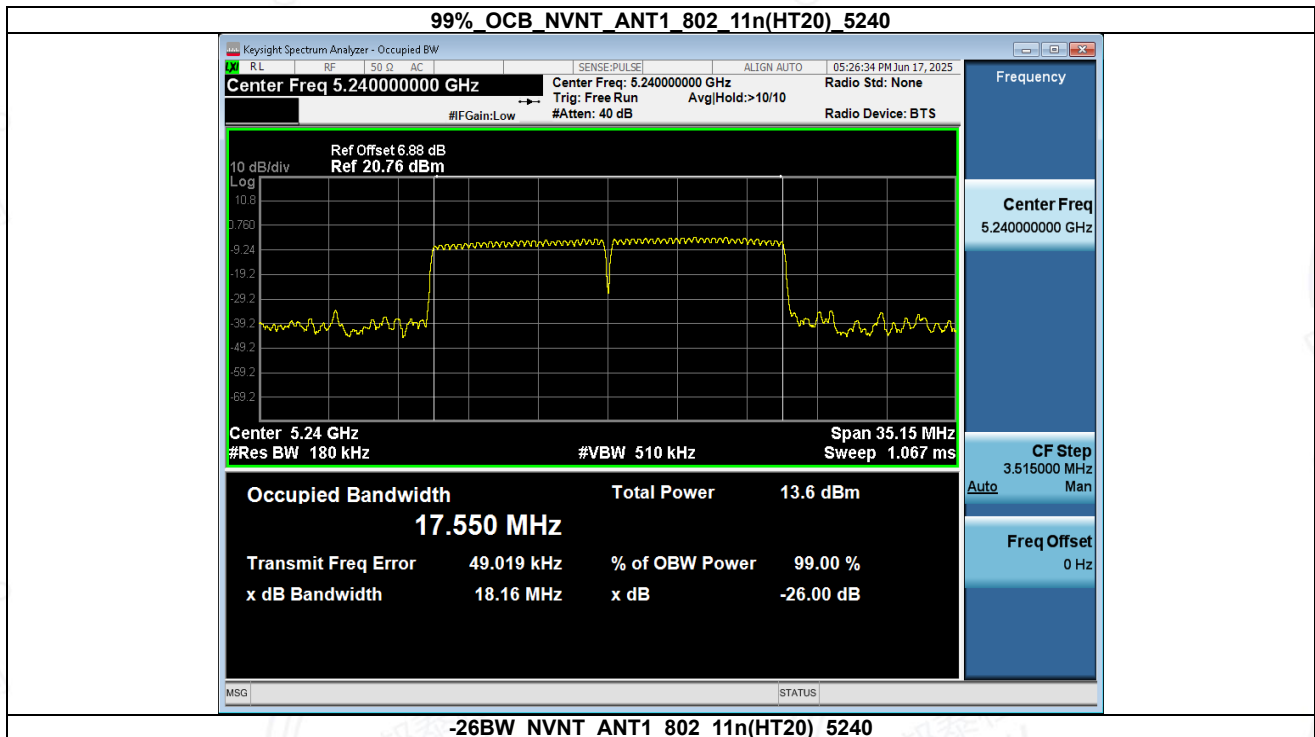
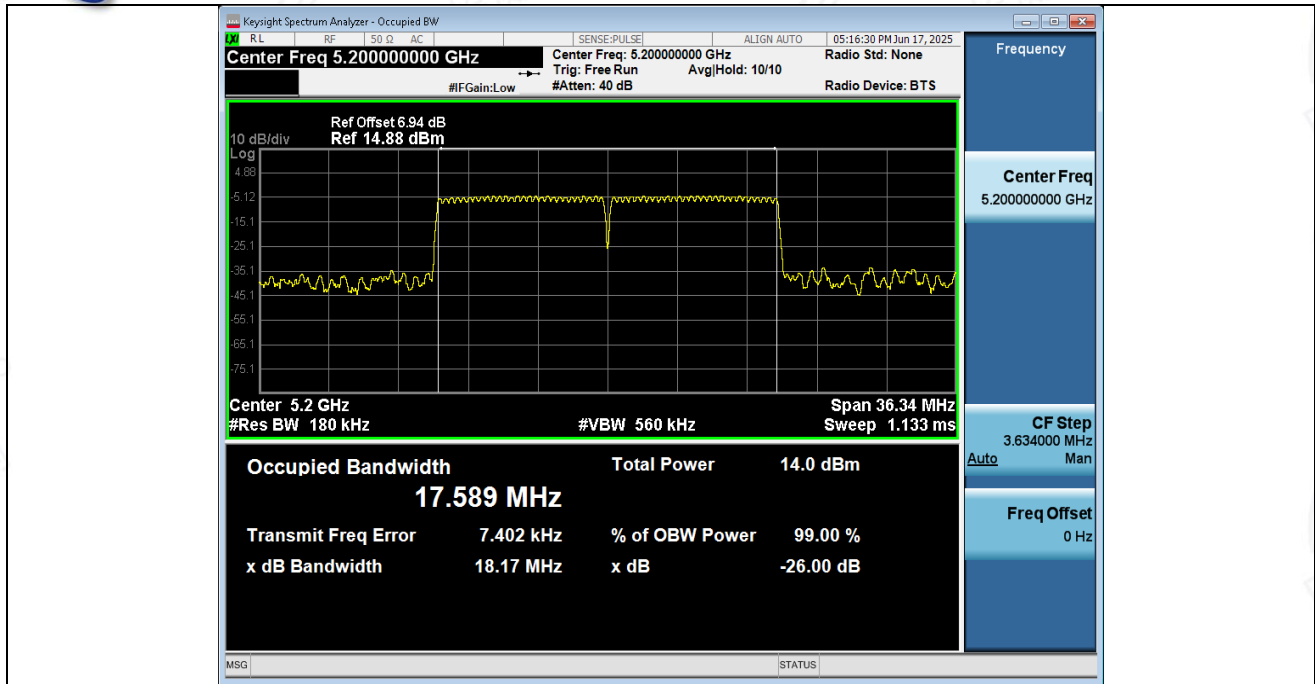


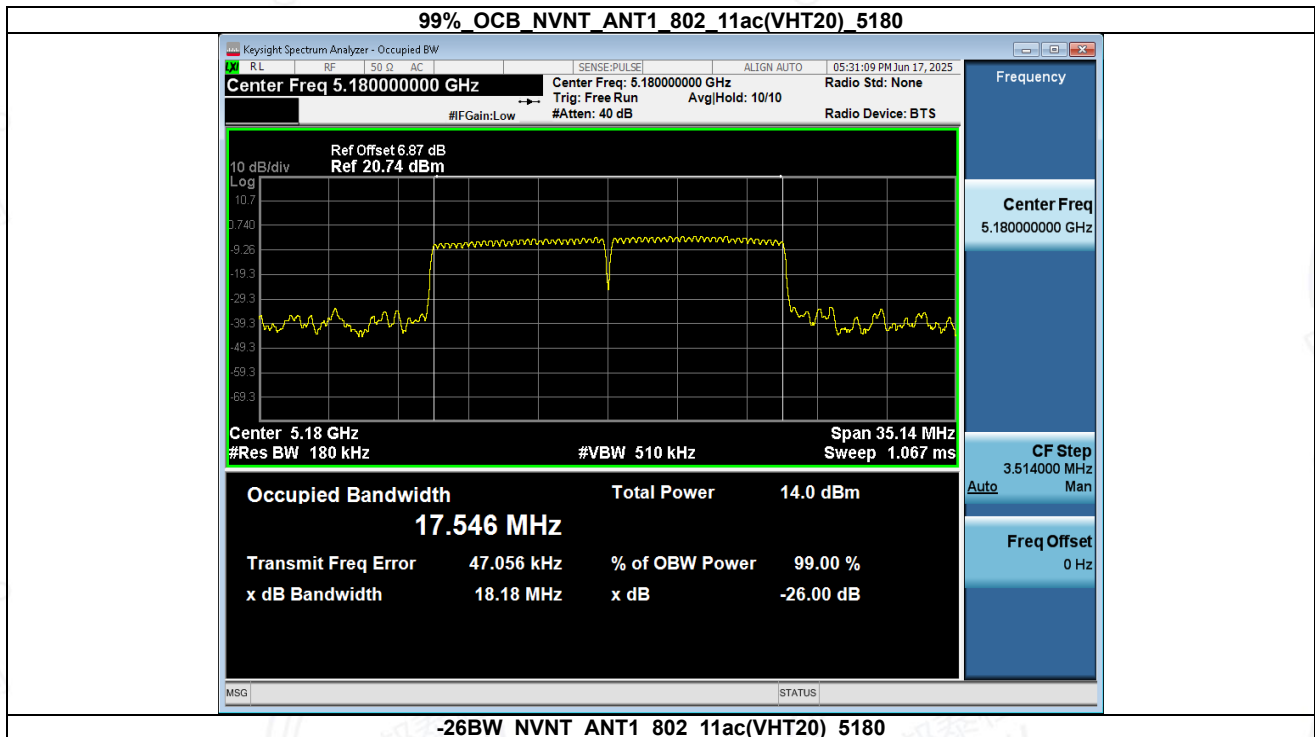
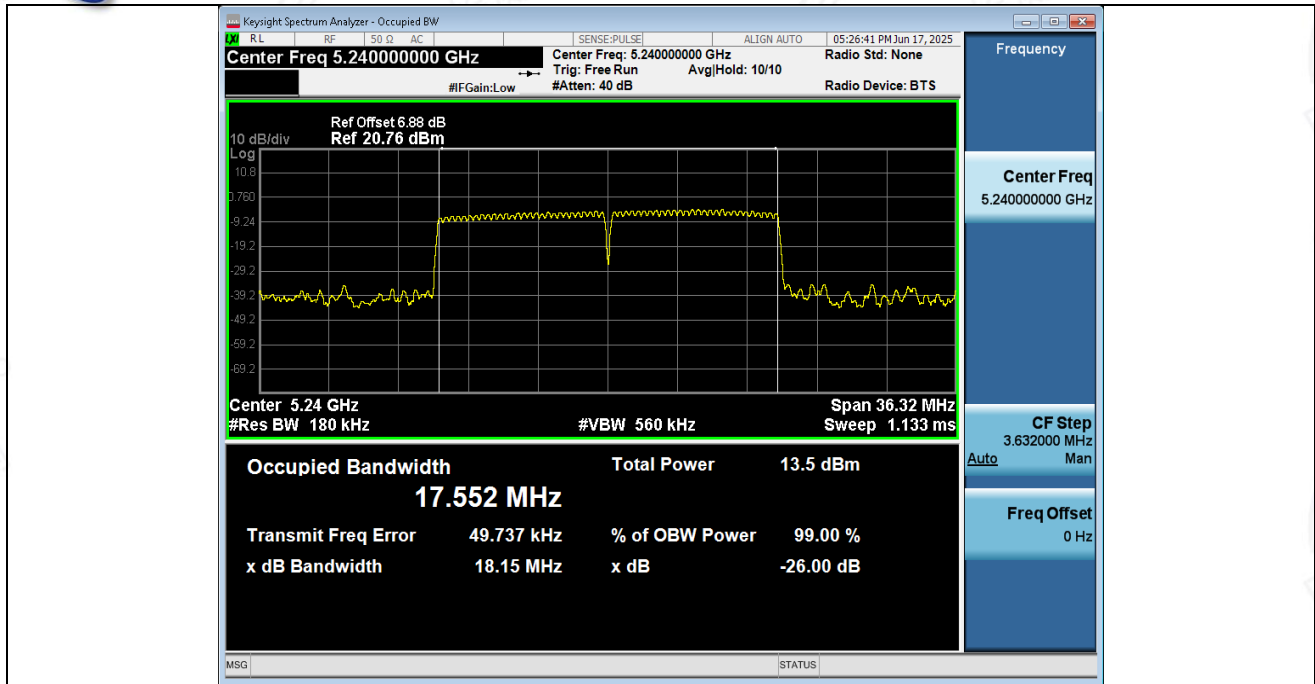


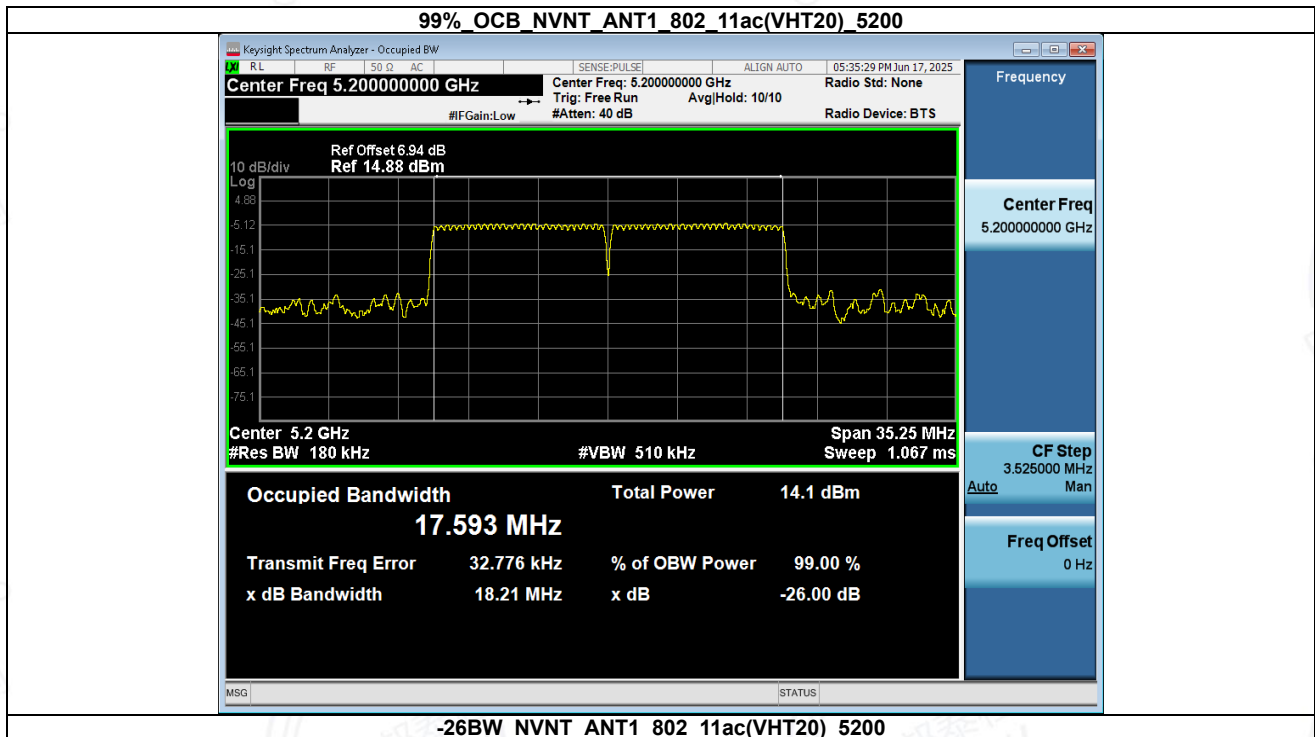
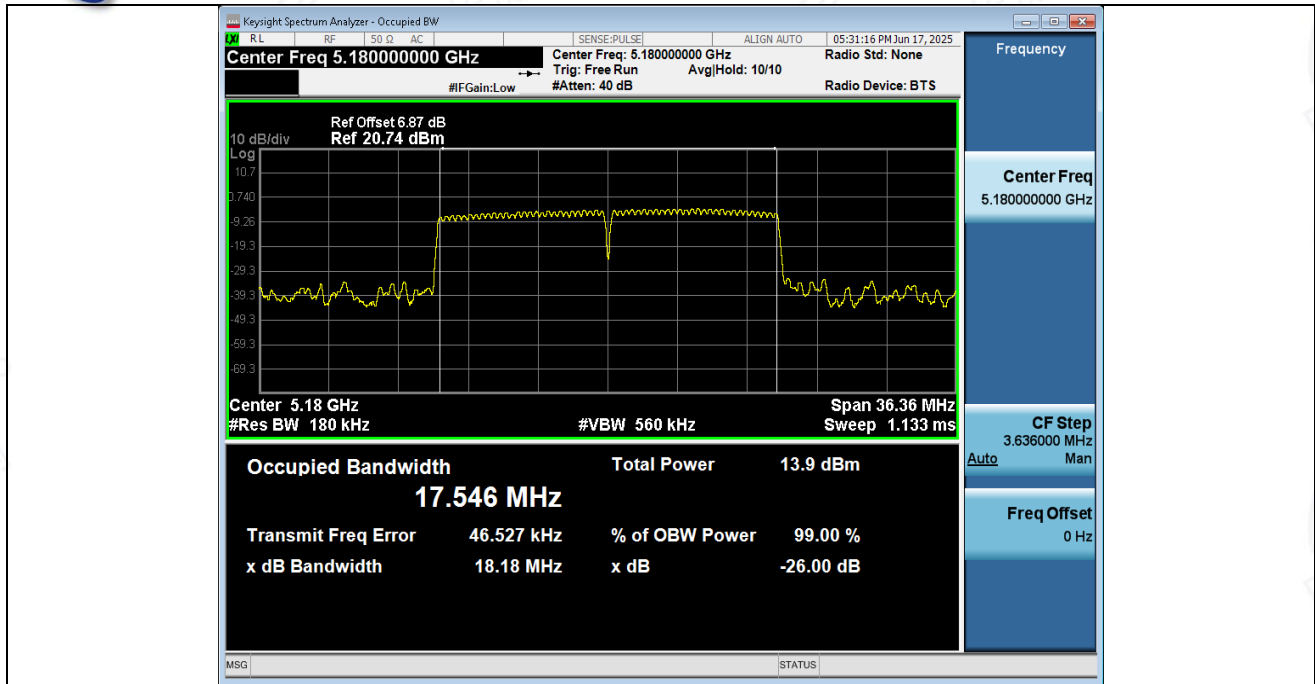


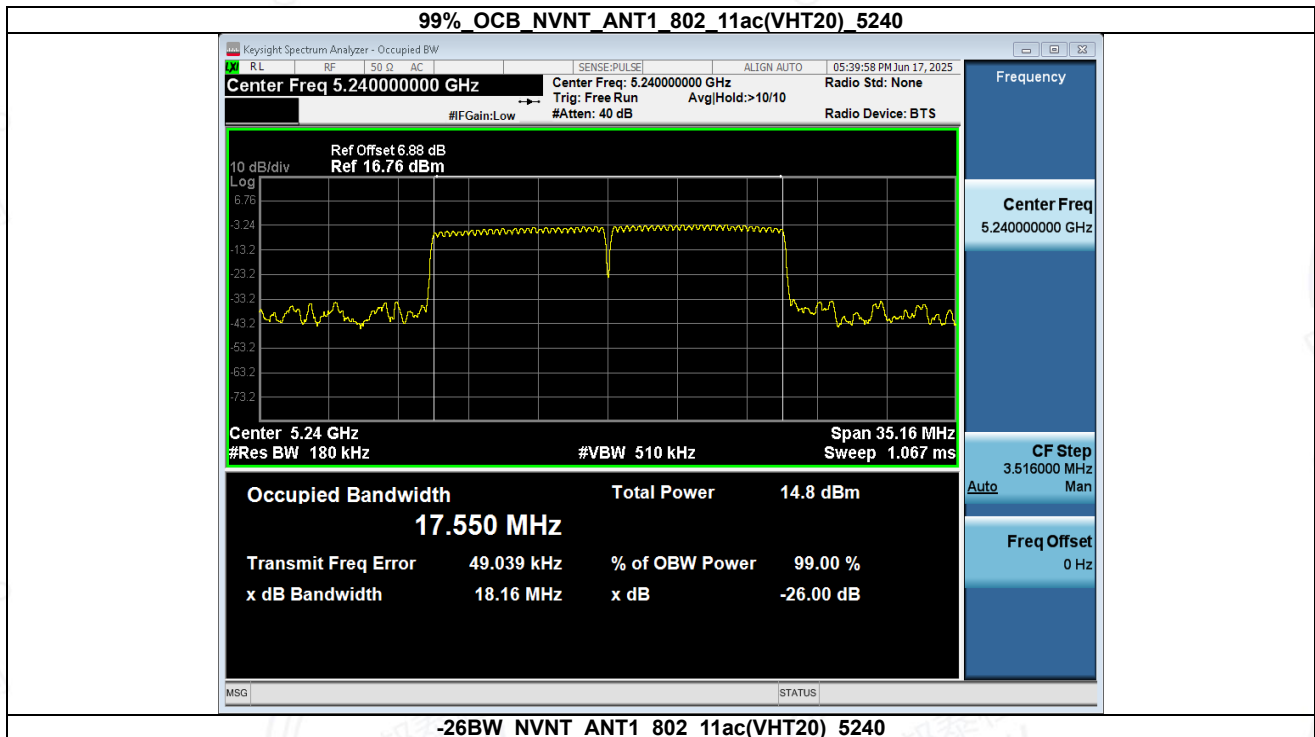
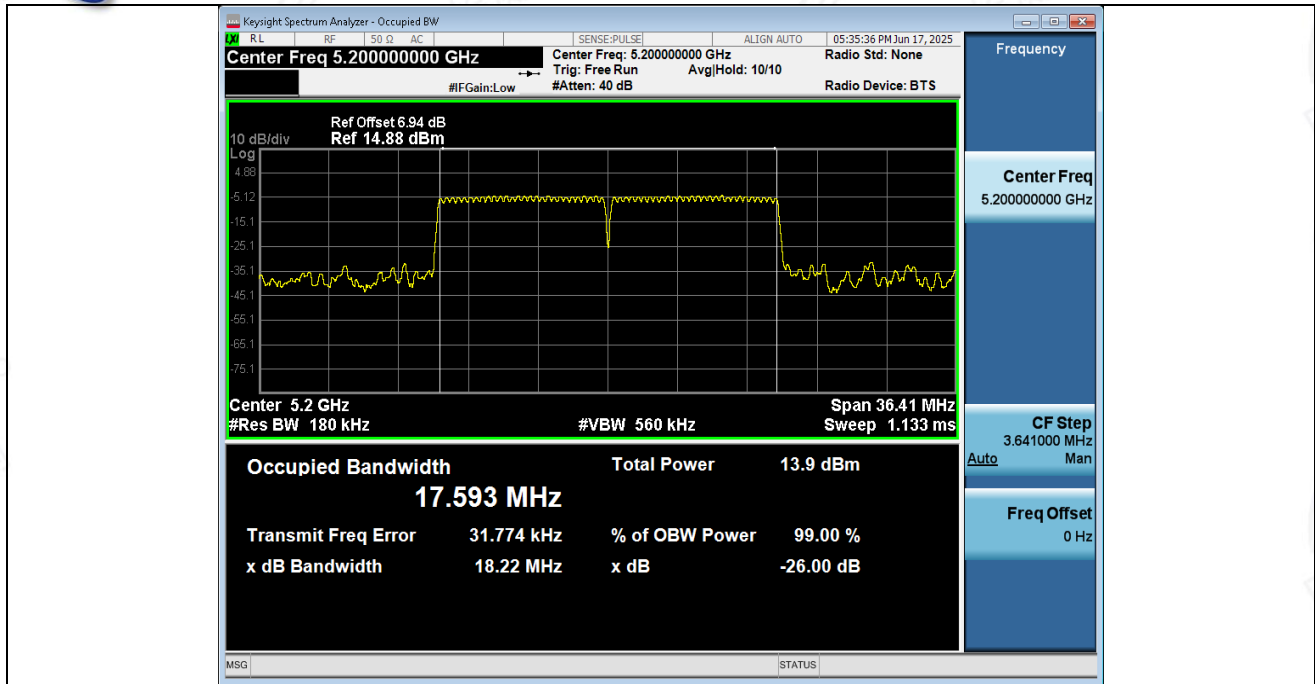


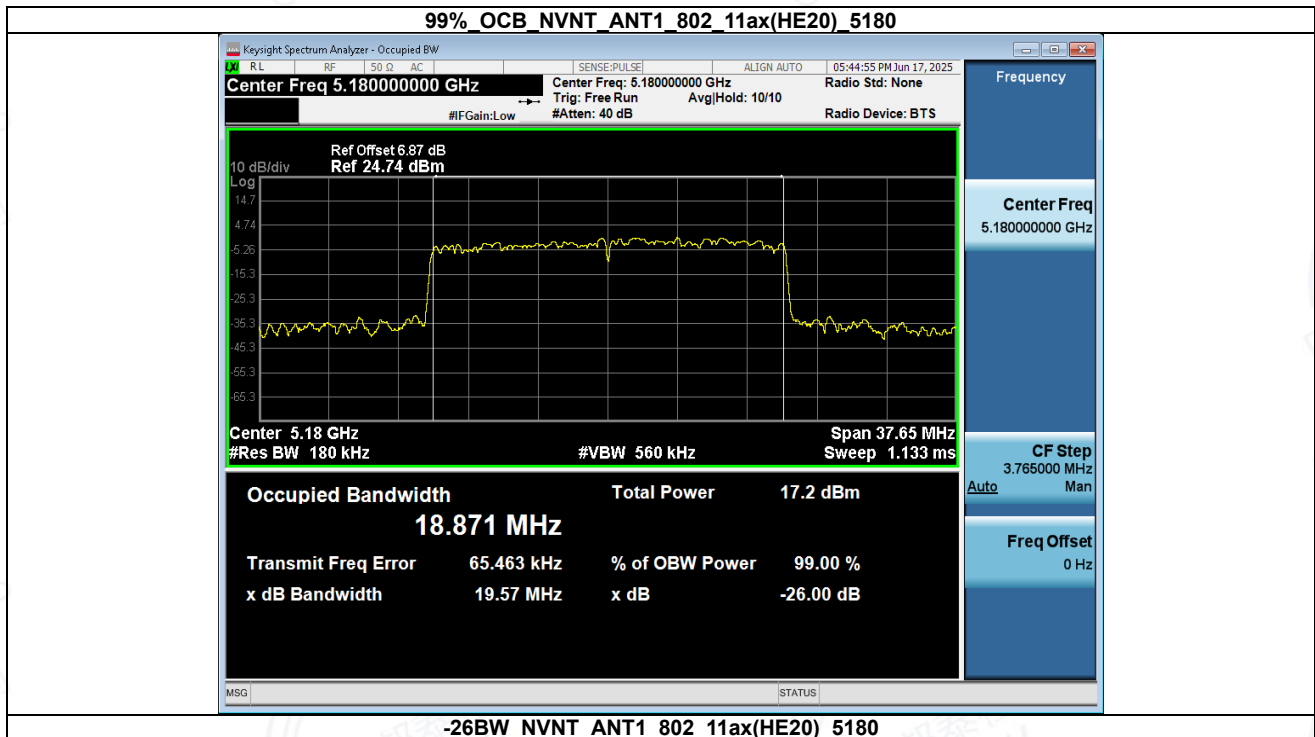
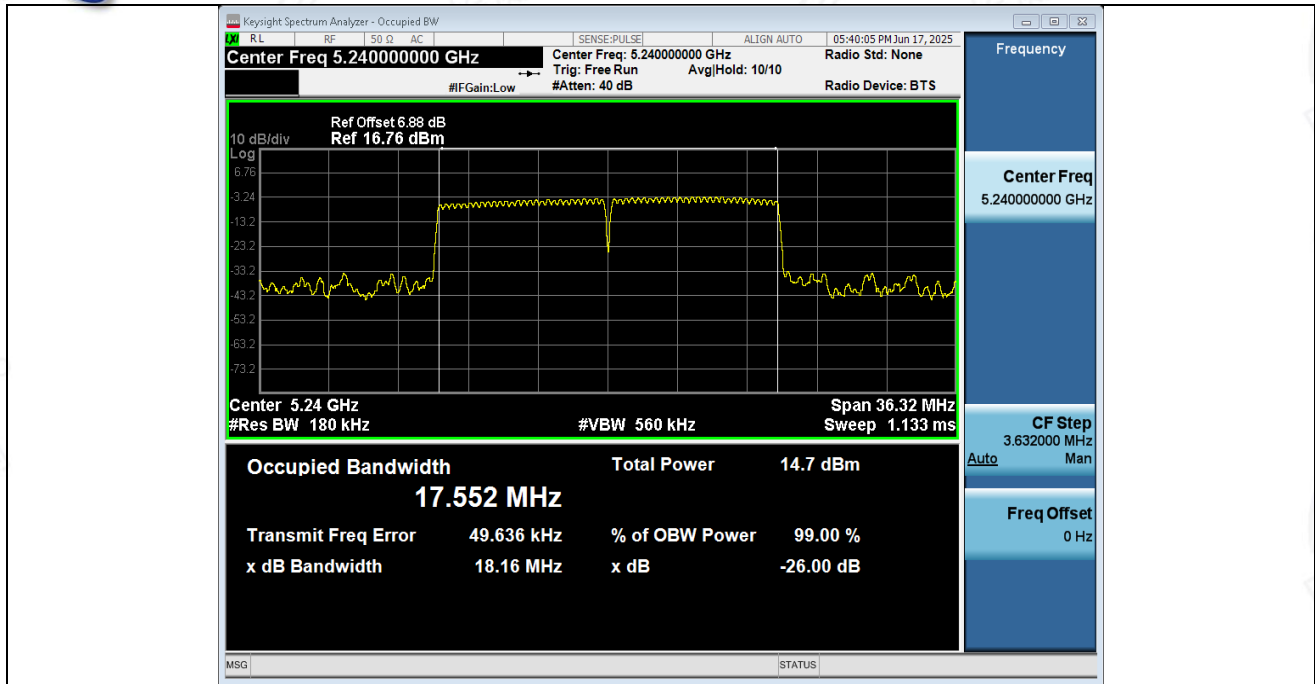


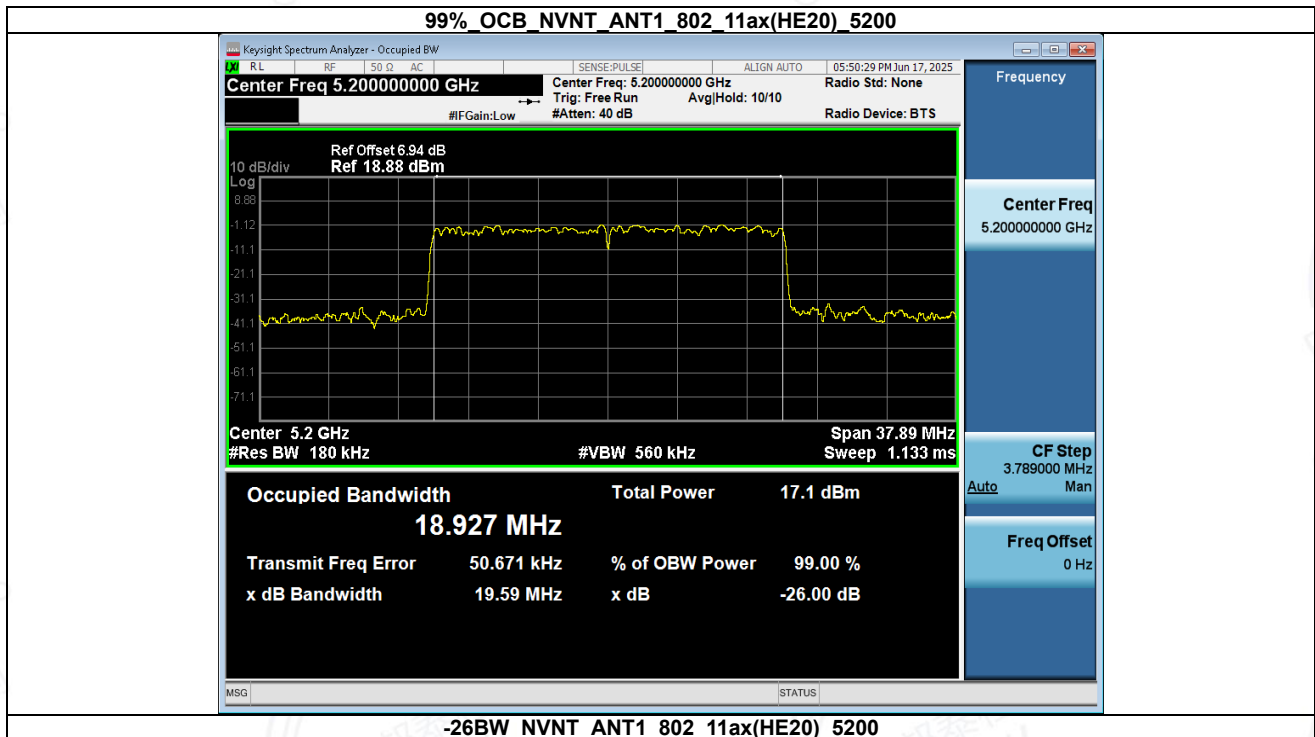
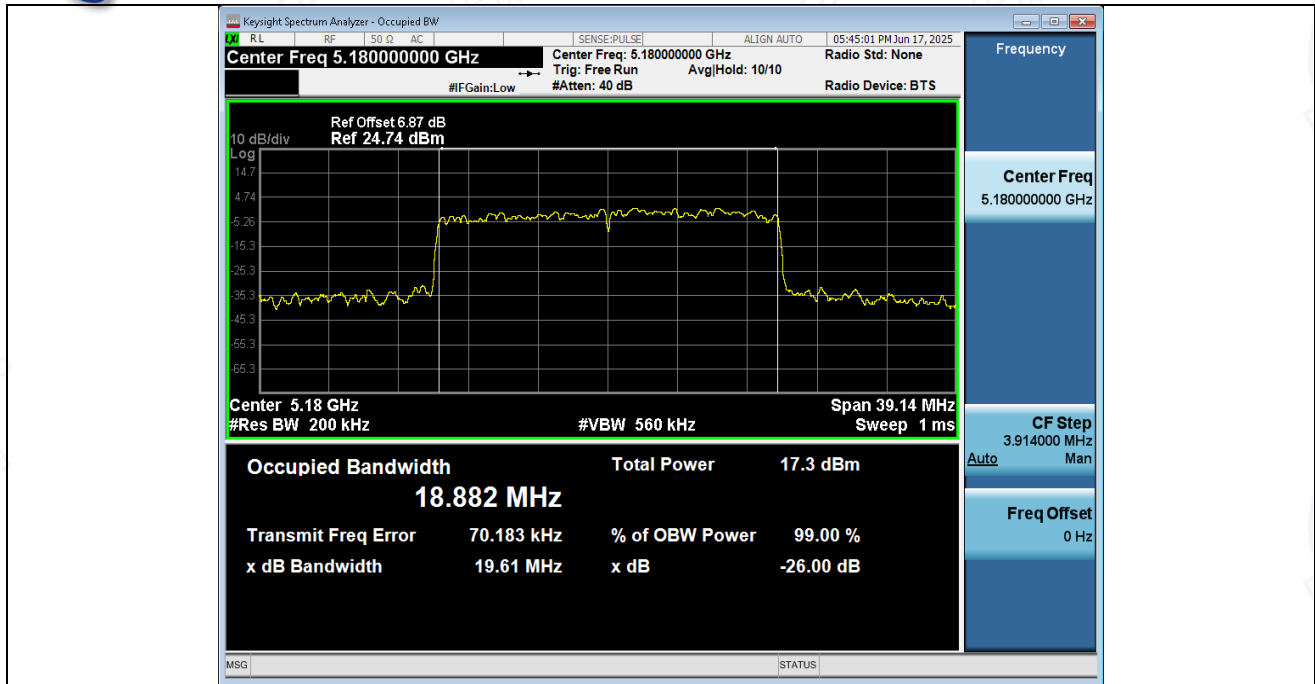


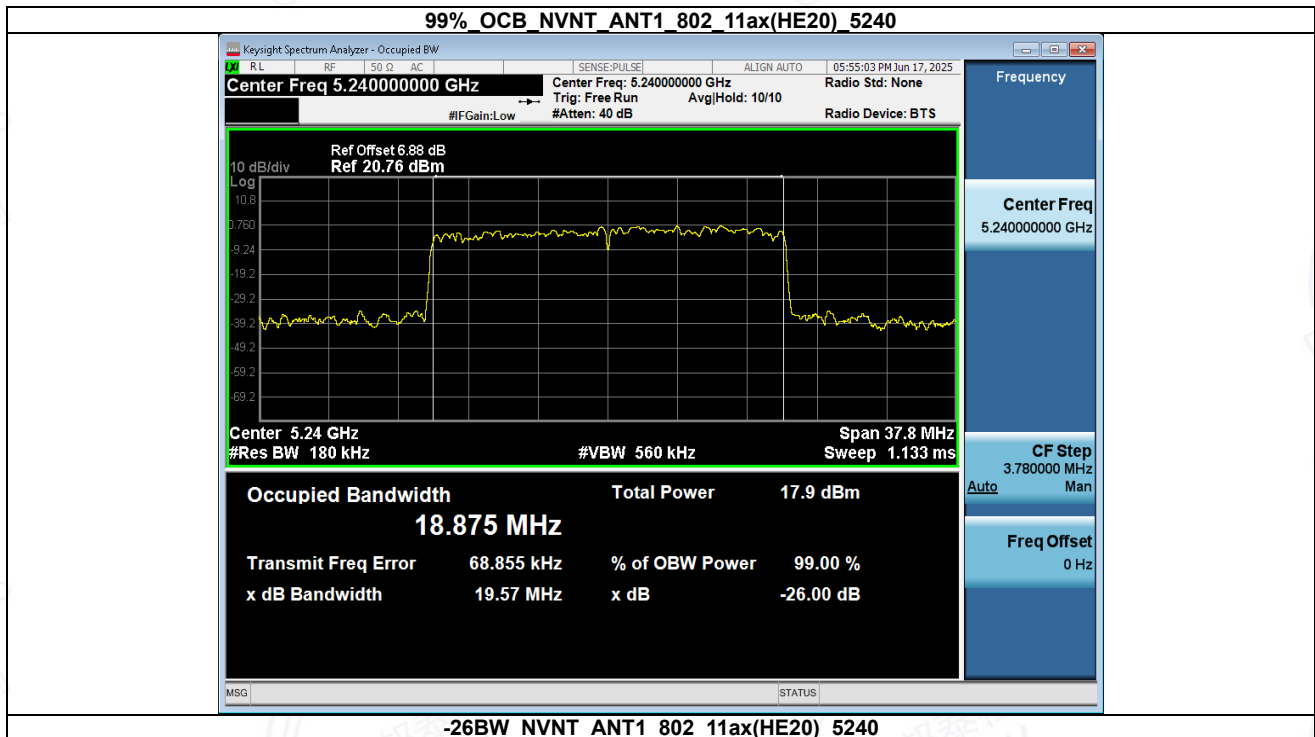
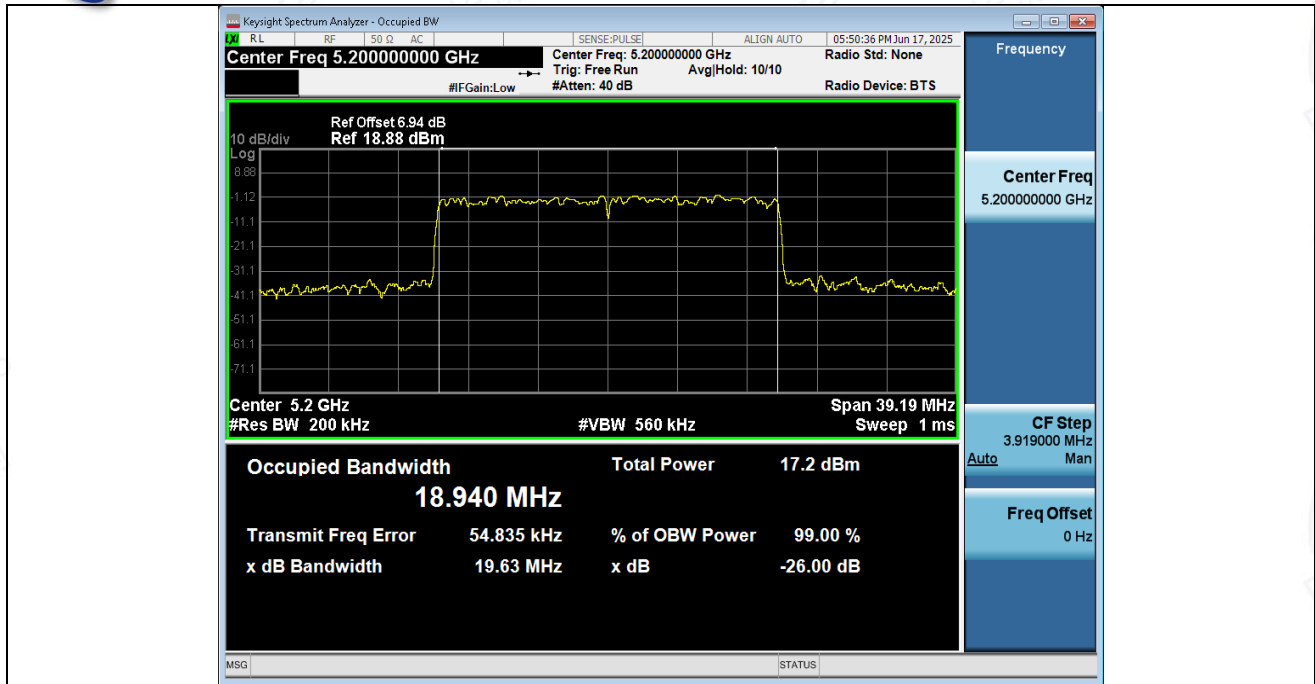


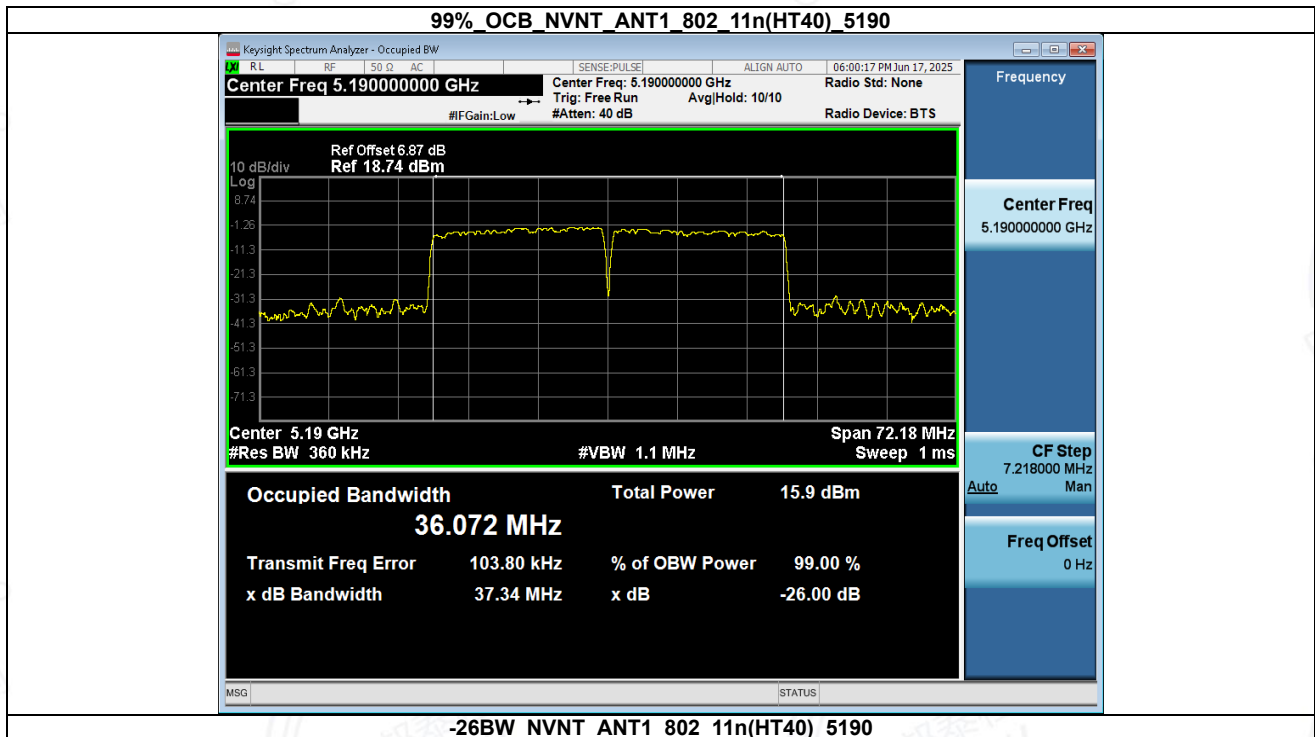
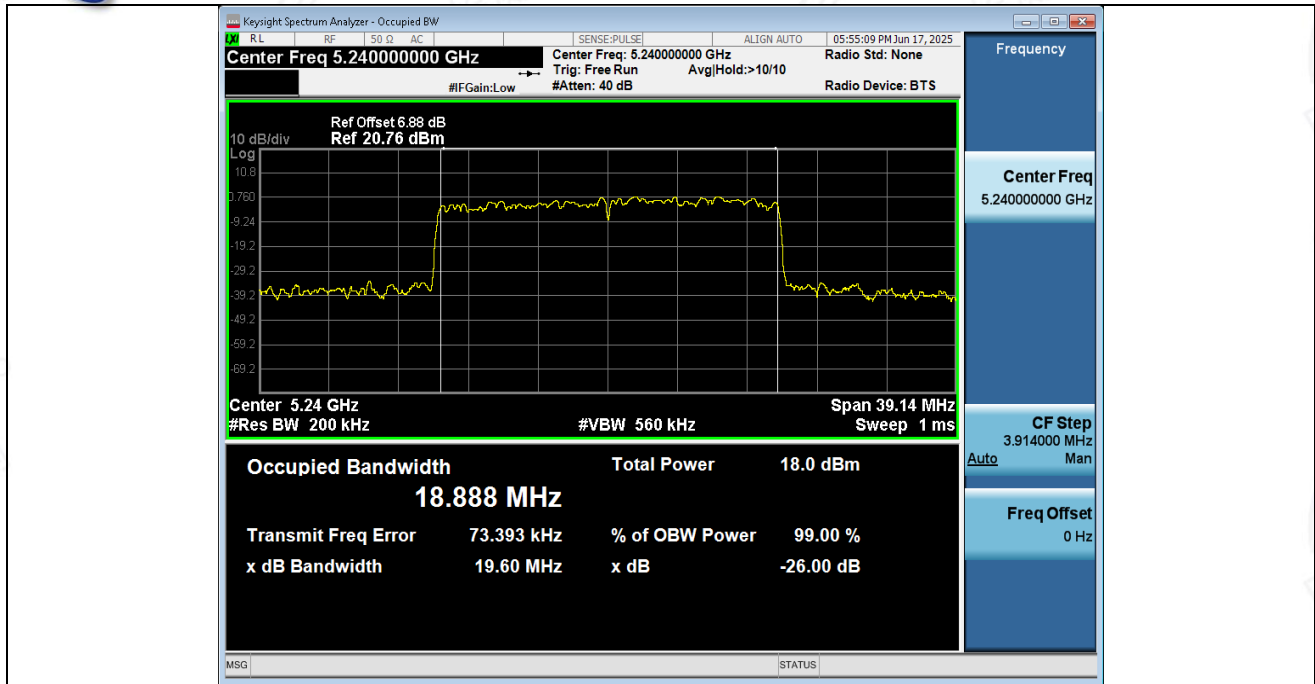


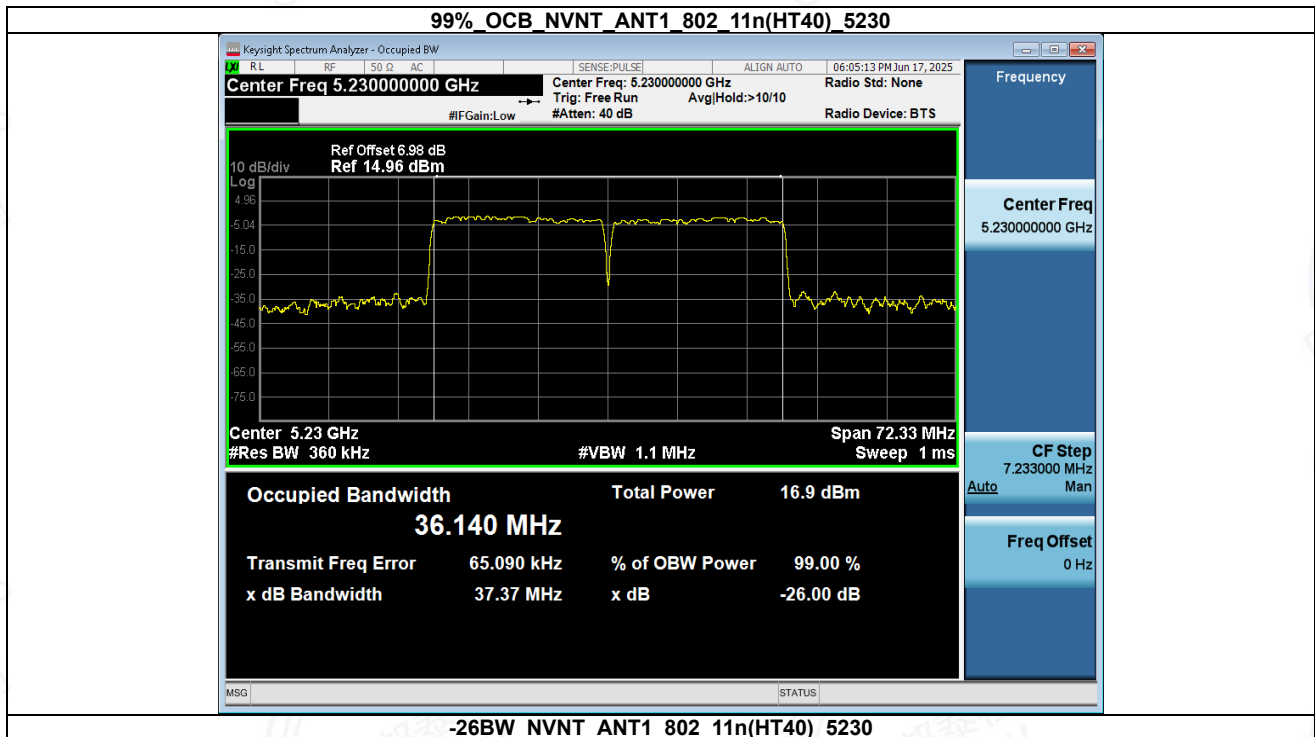
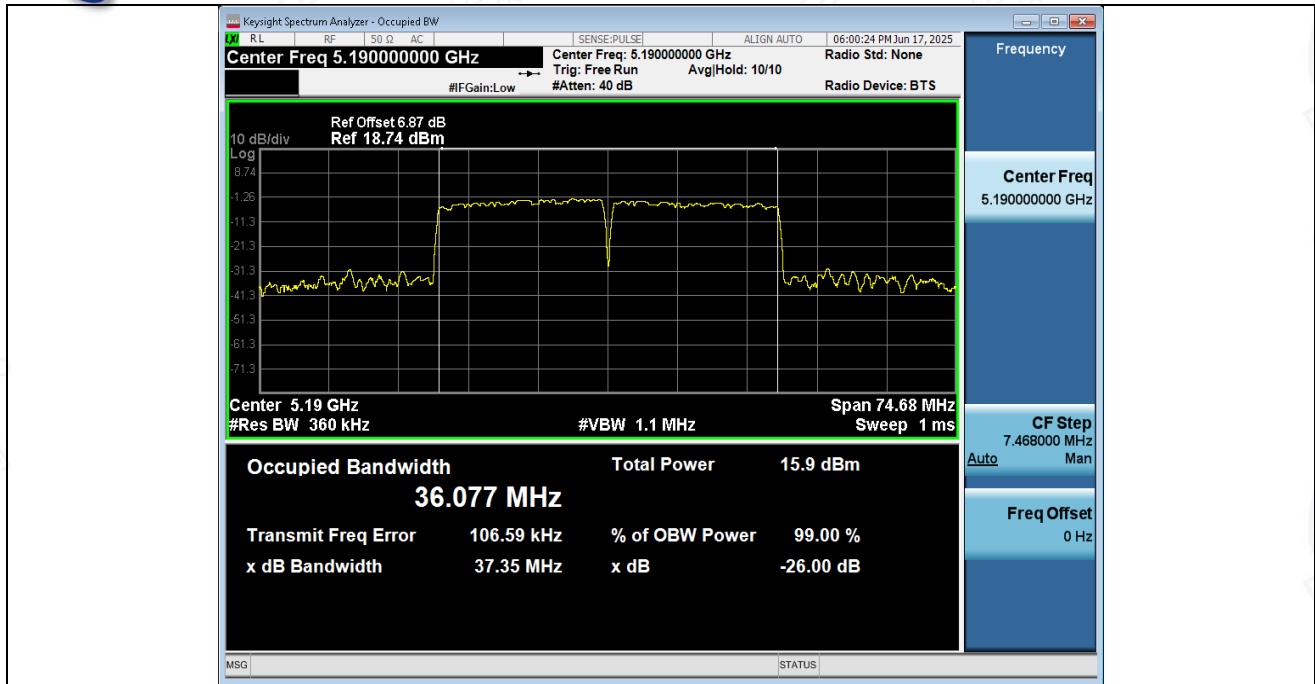


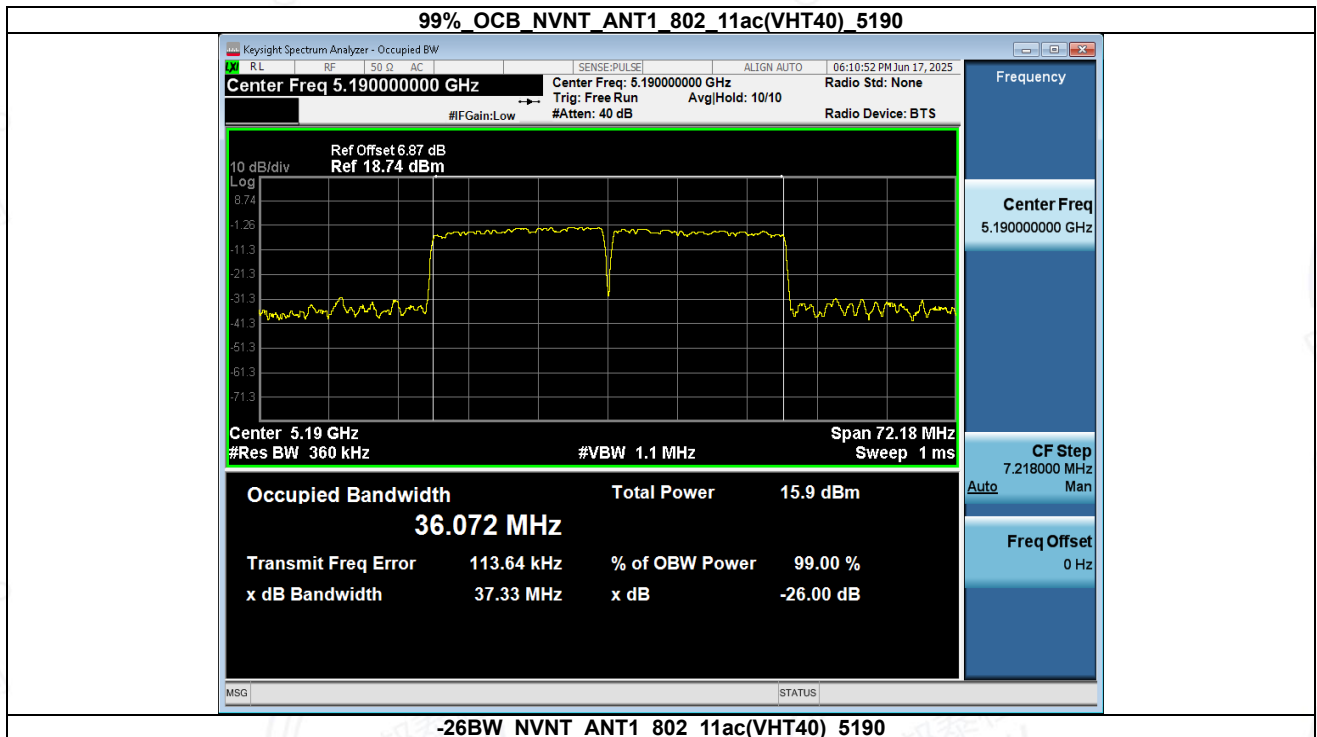
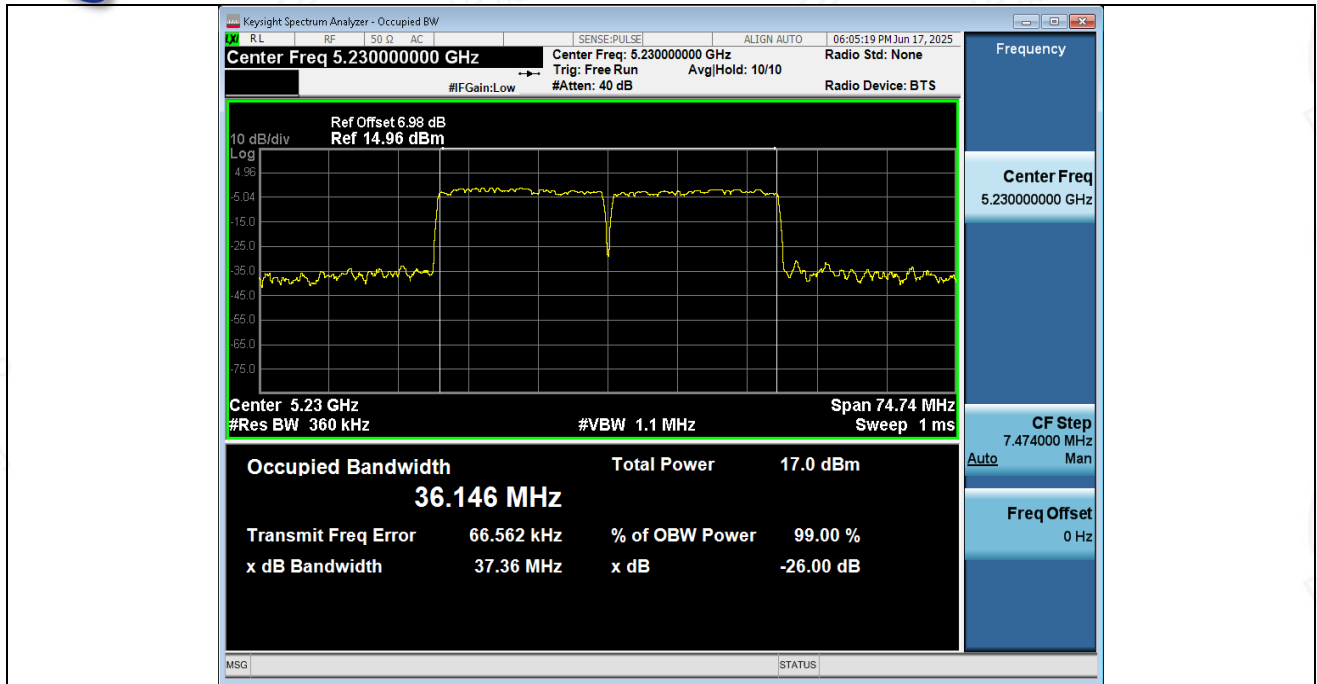


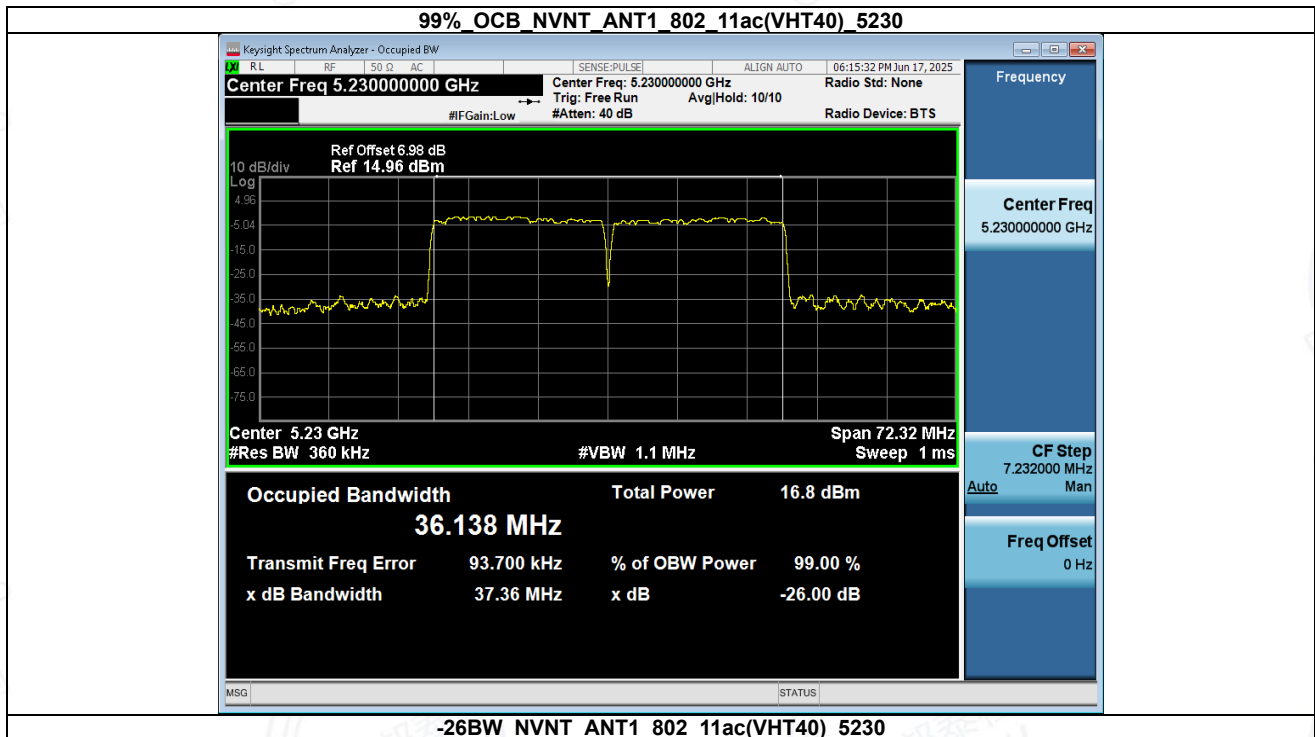
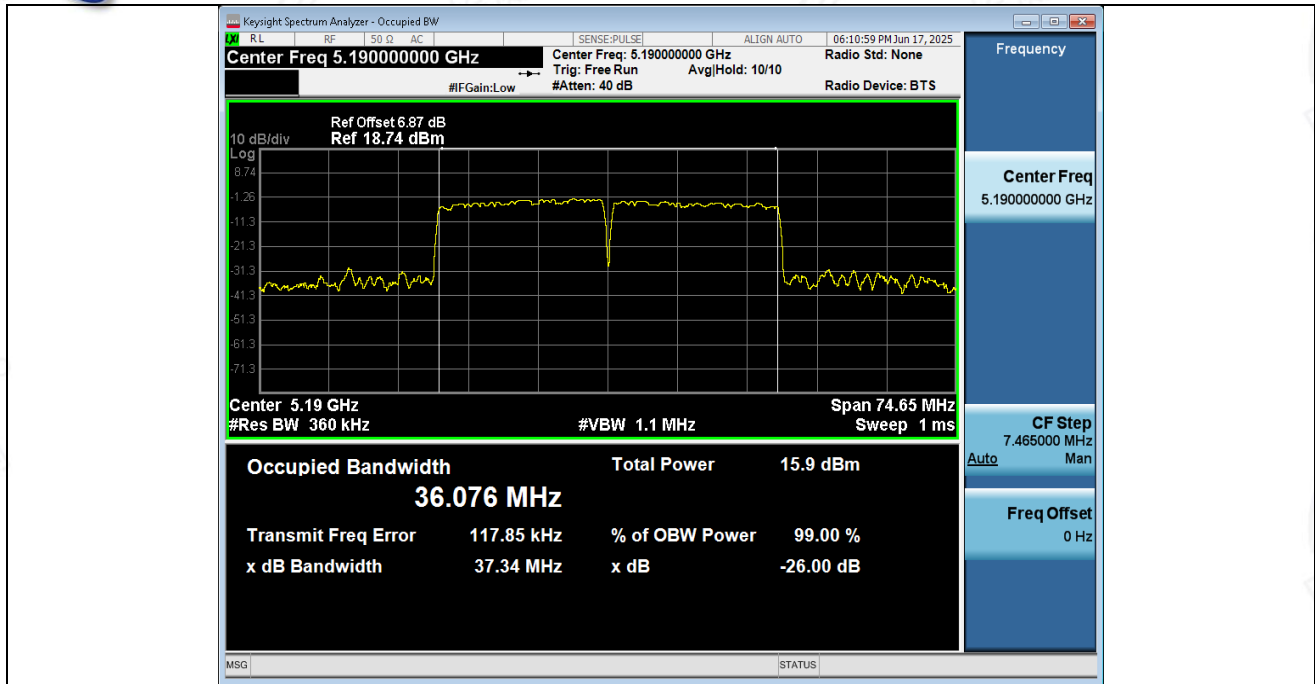


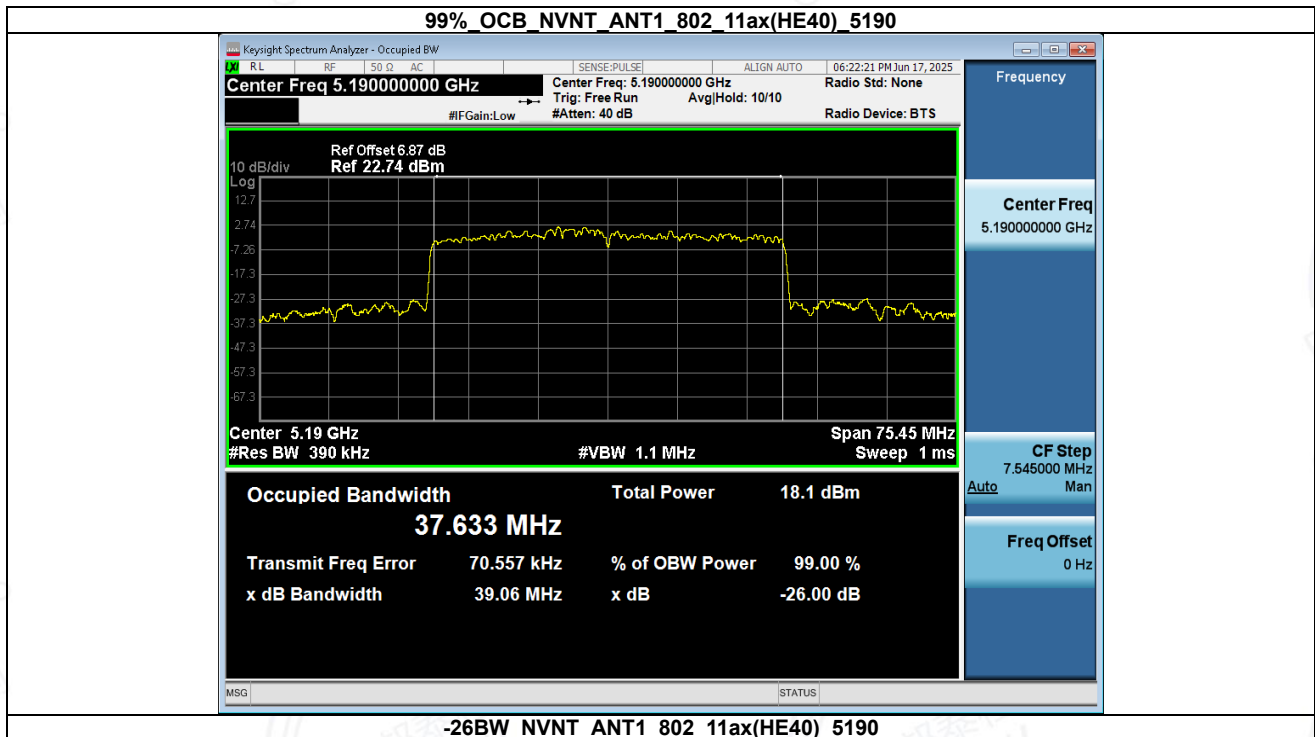
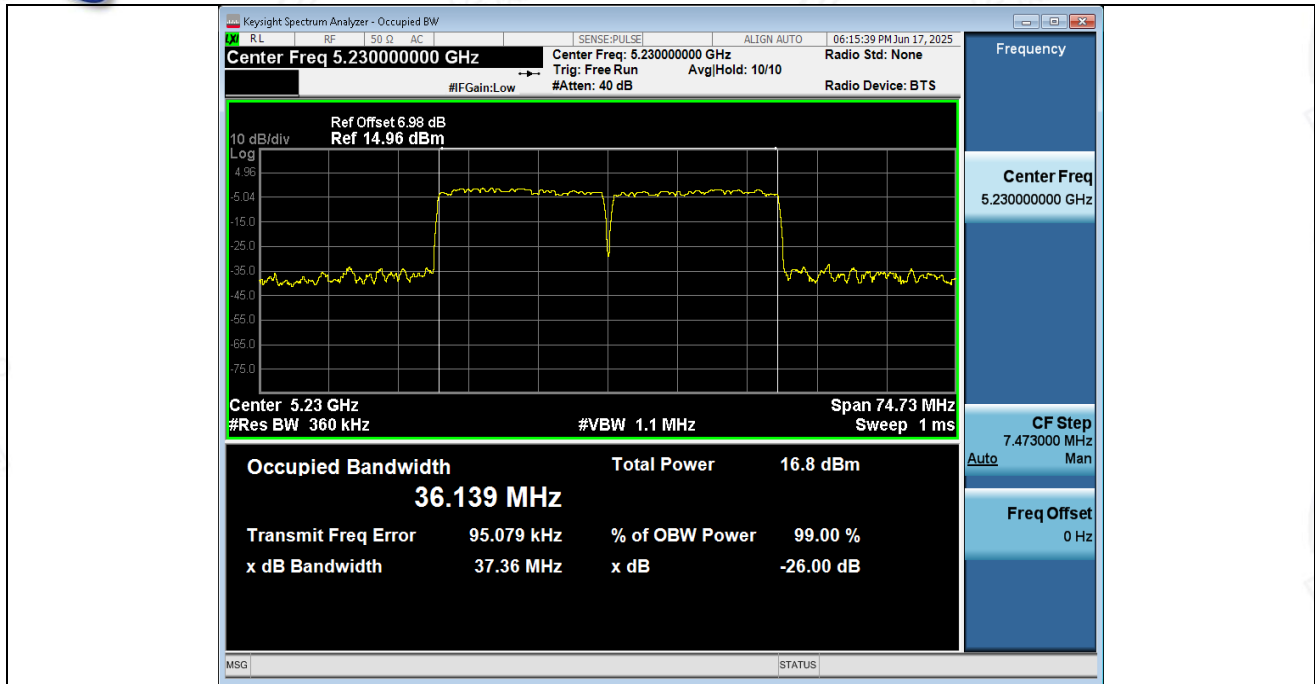


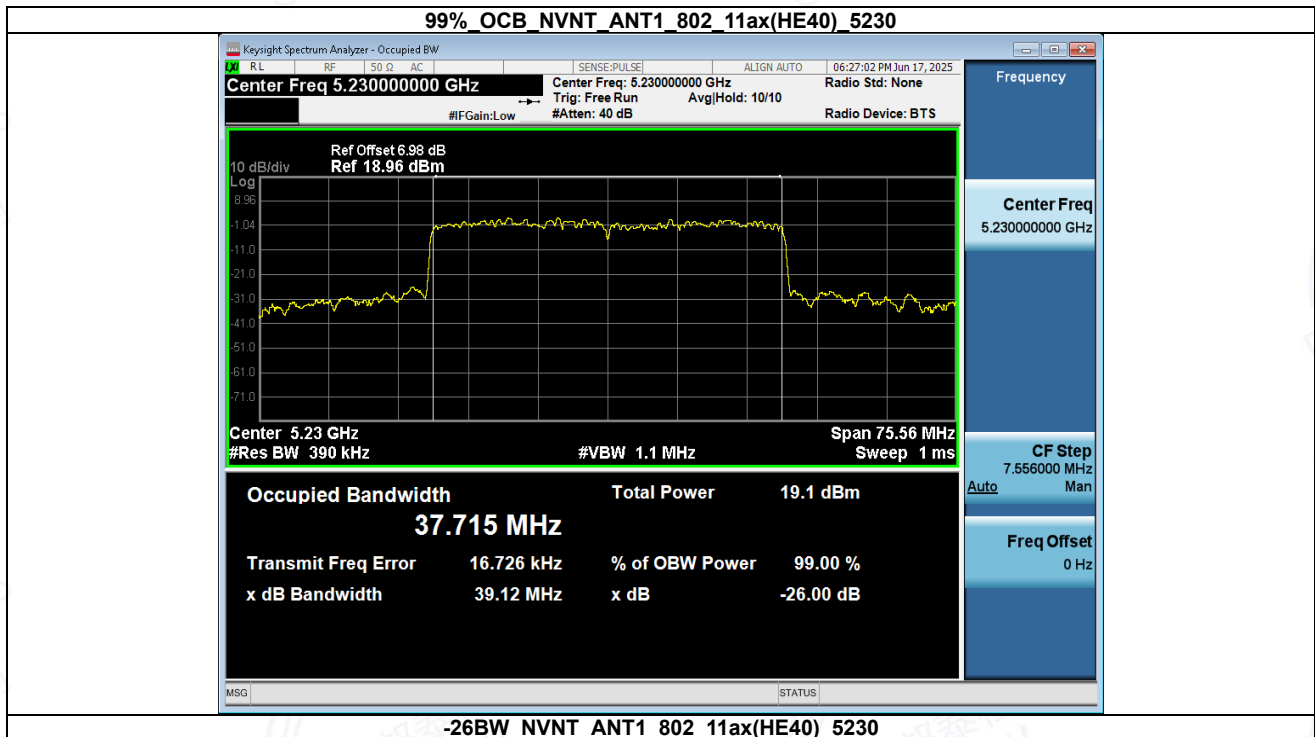
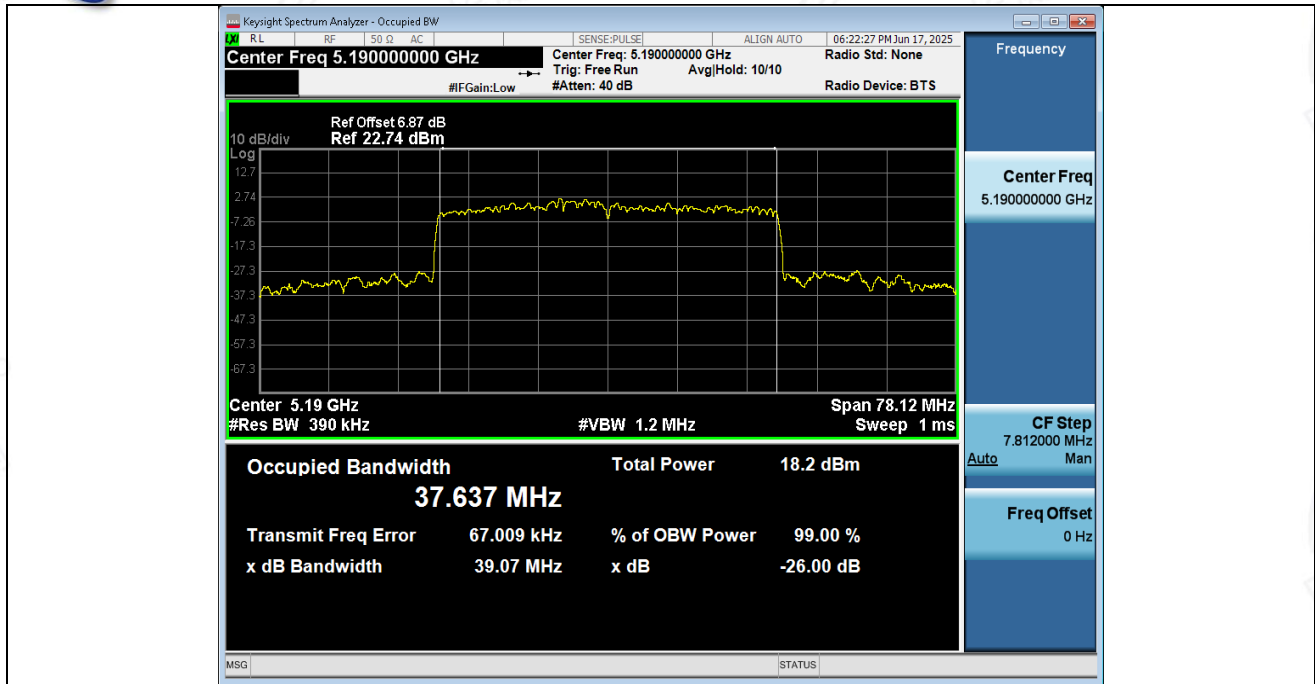


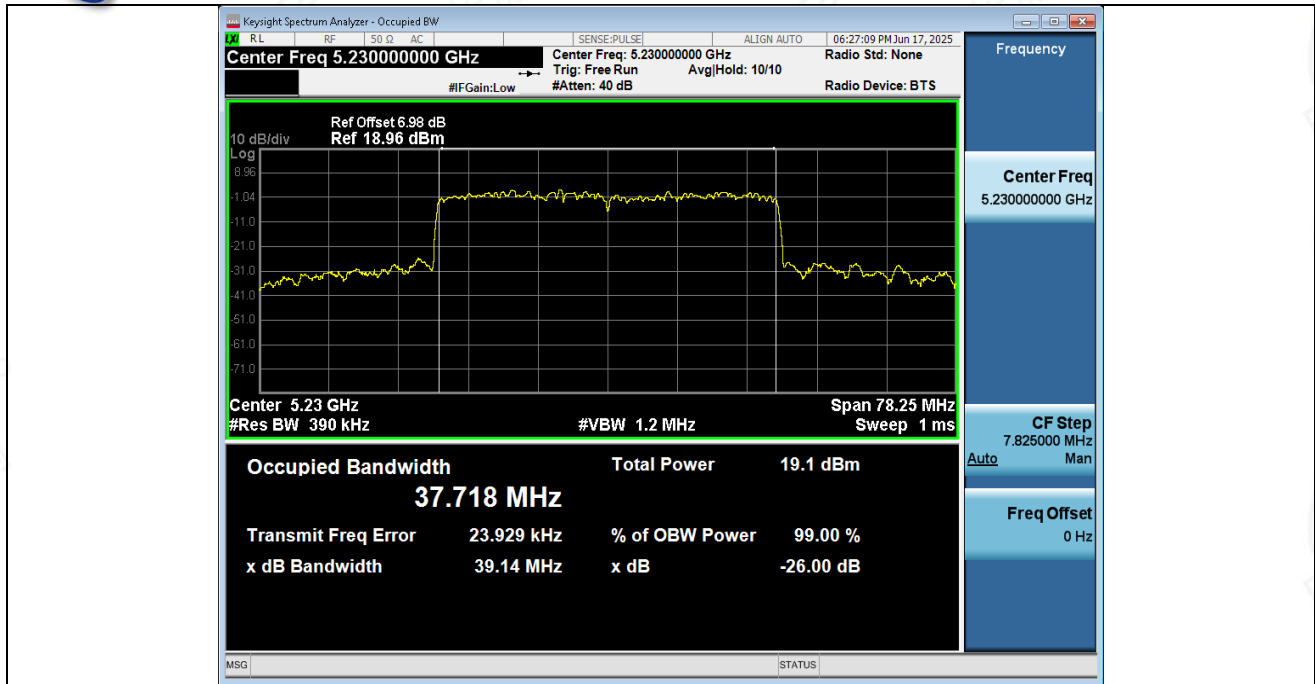








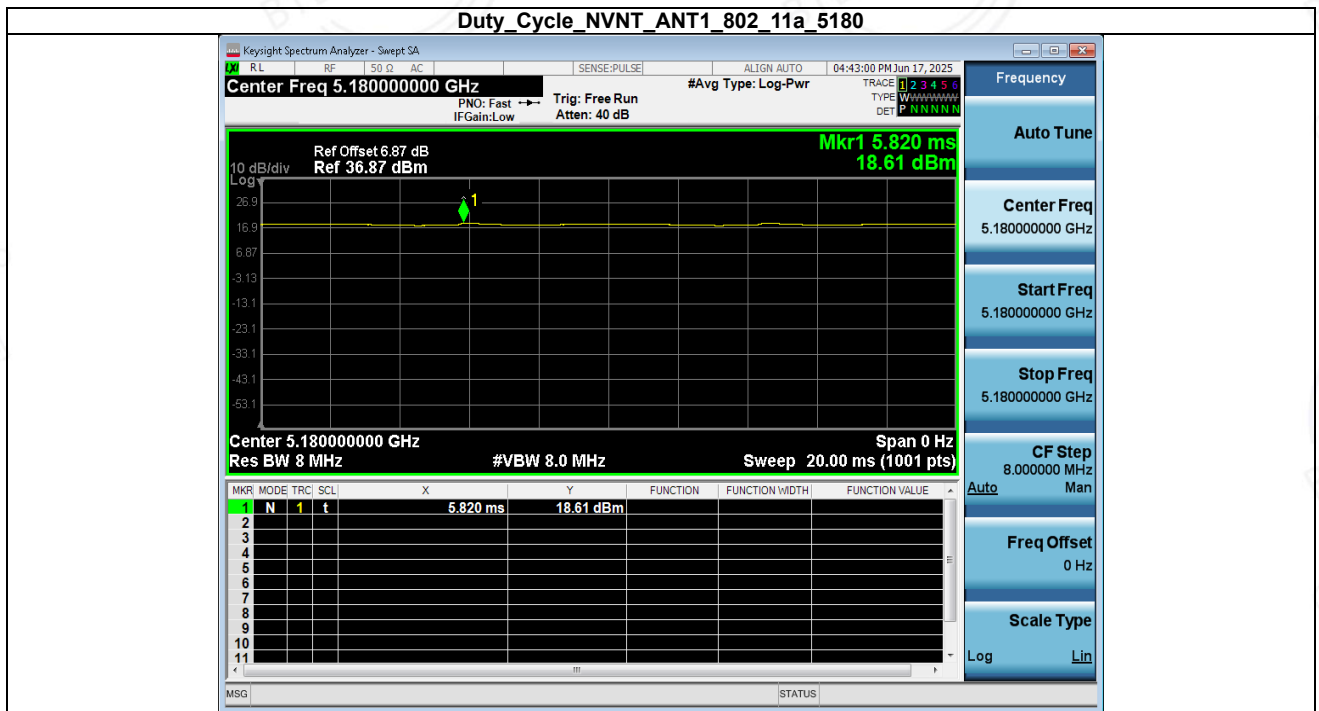




2. Duty Cycle

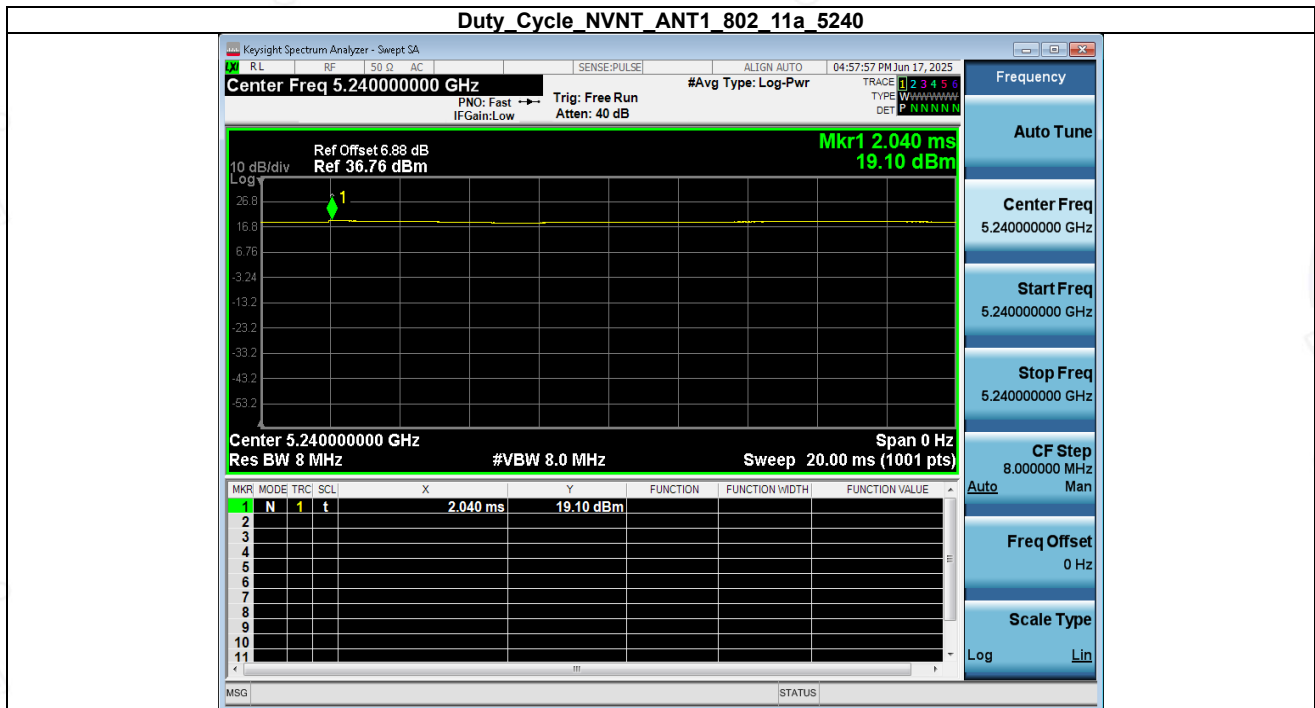
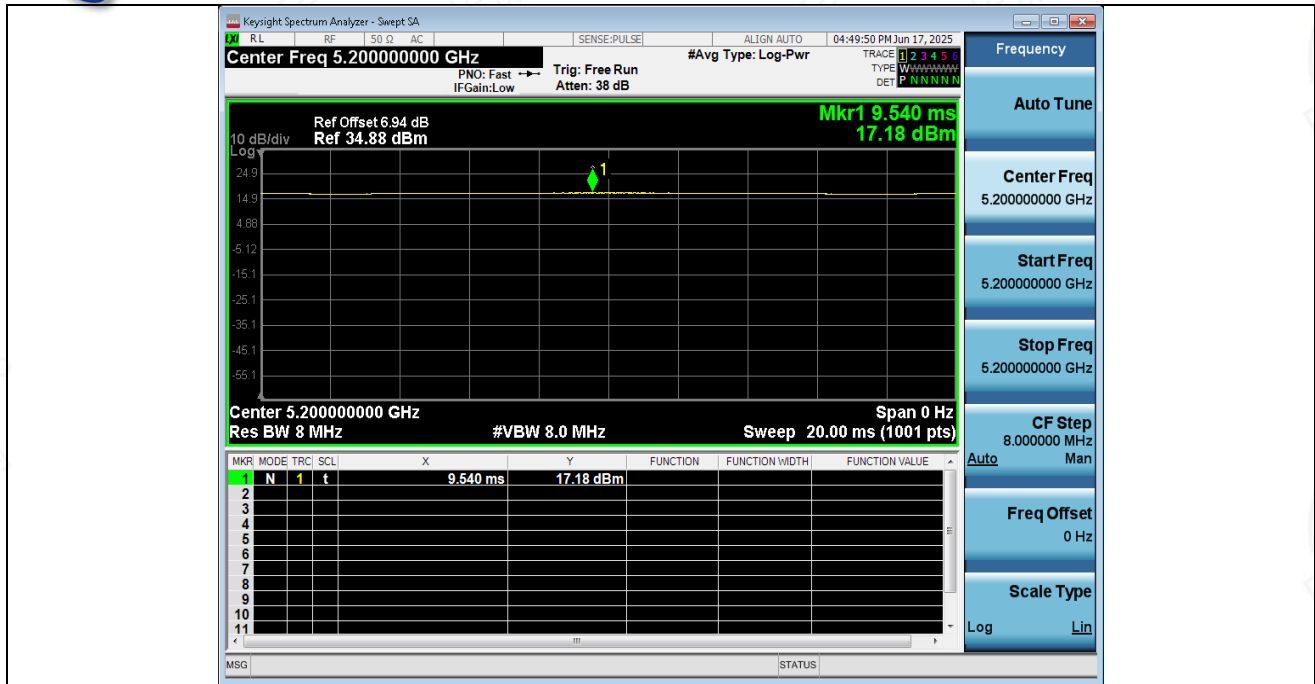
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	100	0.00
NVNT	ANT1	802.11a	5200.00	100	0.00
NVNT	ANT1	802.11a	5240.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5180.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5200.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5240.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5180.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5200.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5240.00	100	0.00
NVNT	ANT1	802.11ax(HE20)	5180.00	100	0.00
NVNT	ANT1	802.11ax(HE20)	5200.00	100	0.00
NVNT	ANT1	802.11ax(HE20)	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
NVNT	ANT1	802.11ac(VHT40)	5190.00	100	0.00
NVNT	ANT1	802.11ac(VHT40)	5230.00	100	0.00
NVNT	ANT1	802.11ax(HE40)	5190.00	100	0.00
NVNT	ANT1	802.11ax(HE40)	5230.00	100	0.00

Duty_Cycle_NVNT_ANT1_802_11a_5180



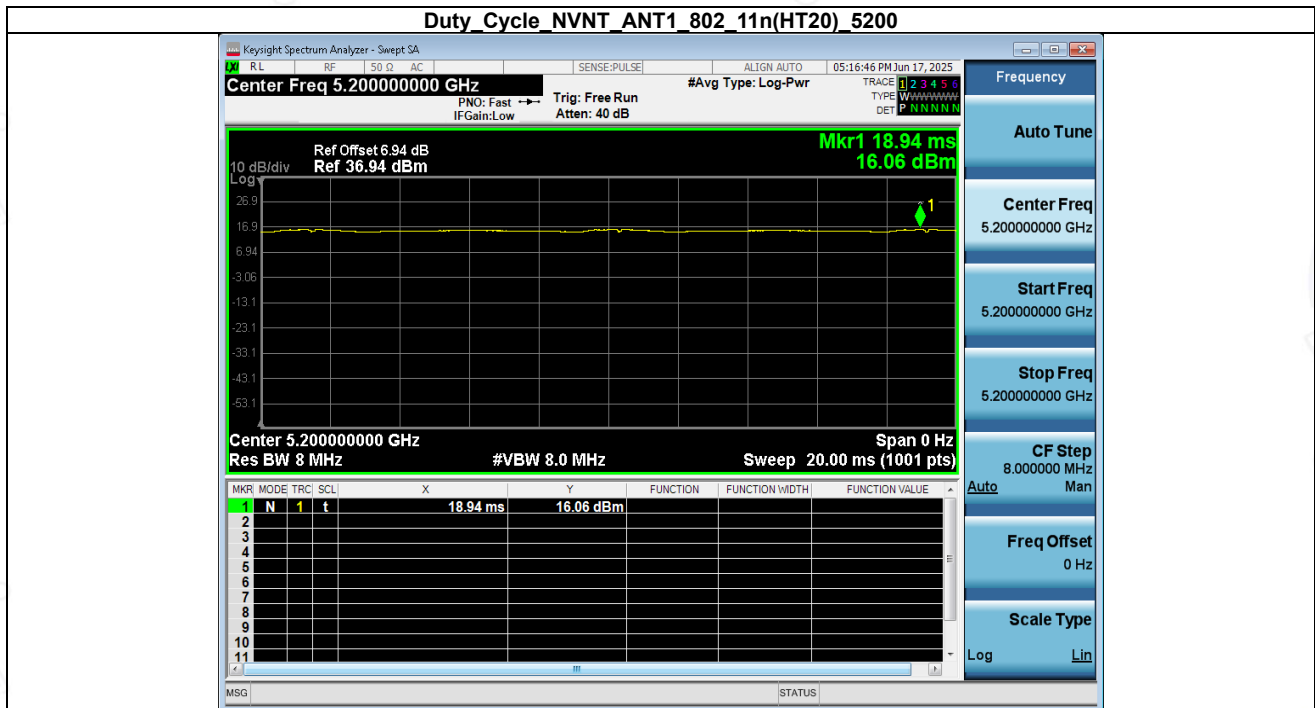
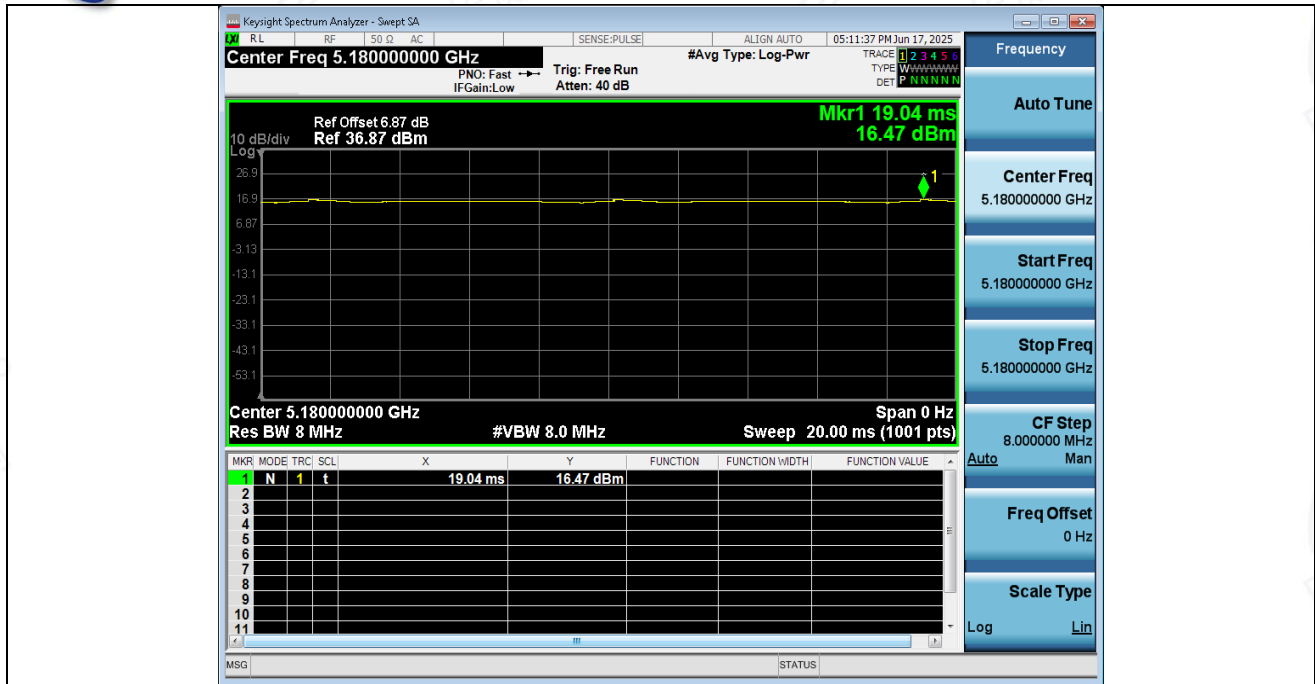
Duty_Cycle_NVNT_ANT1_802_11a_5200





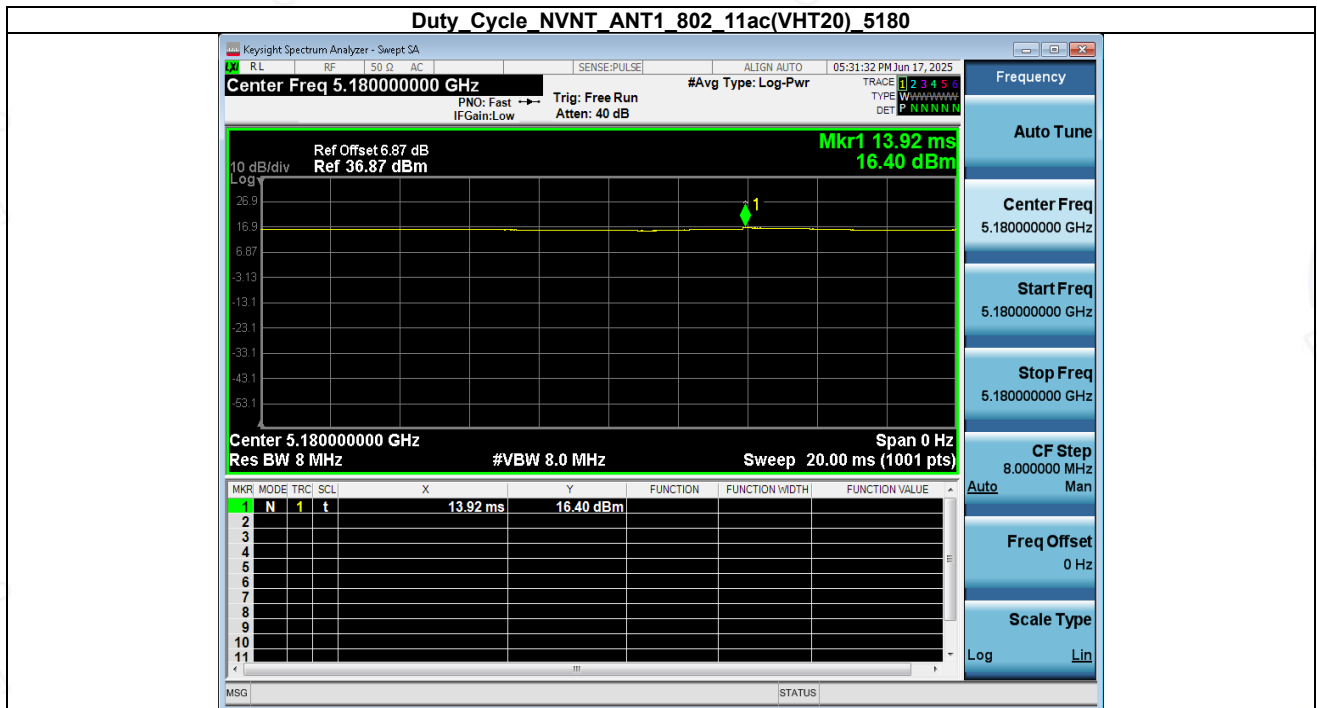
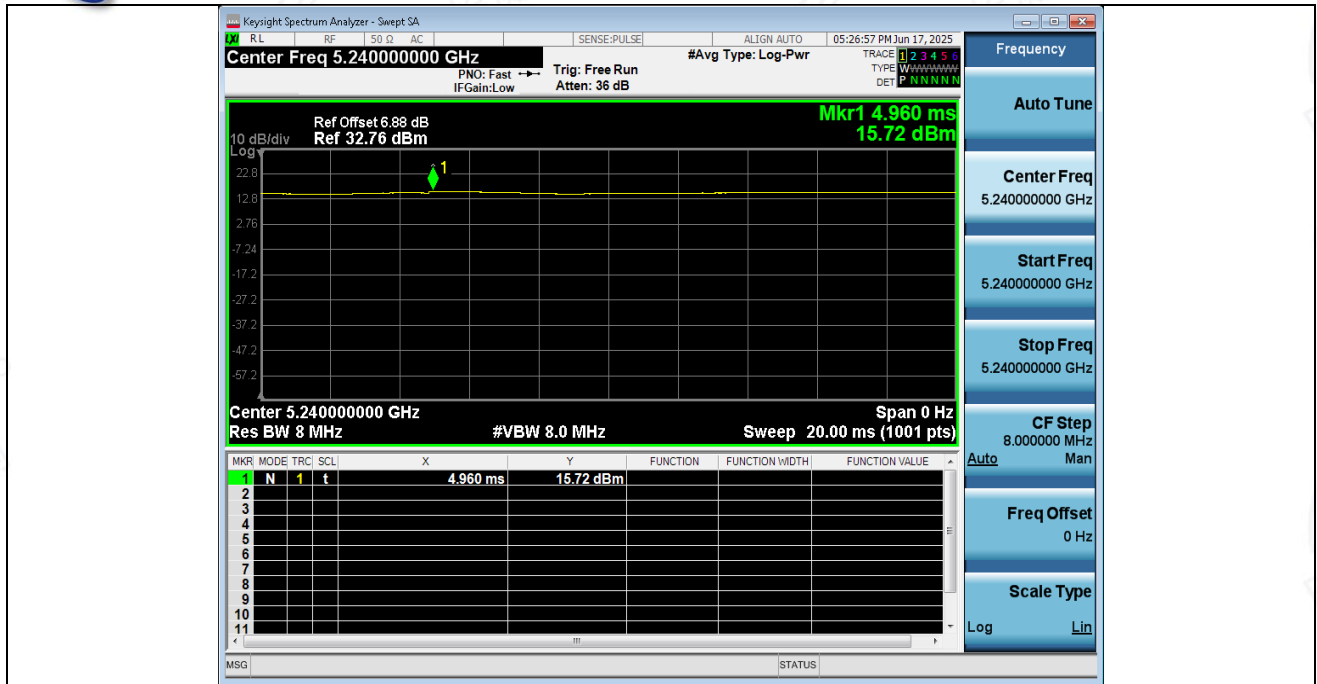
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5180





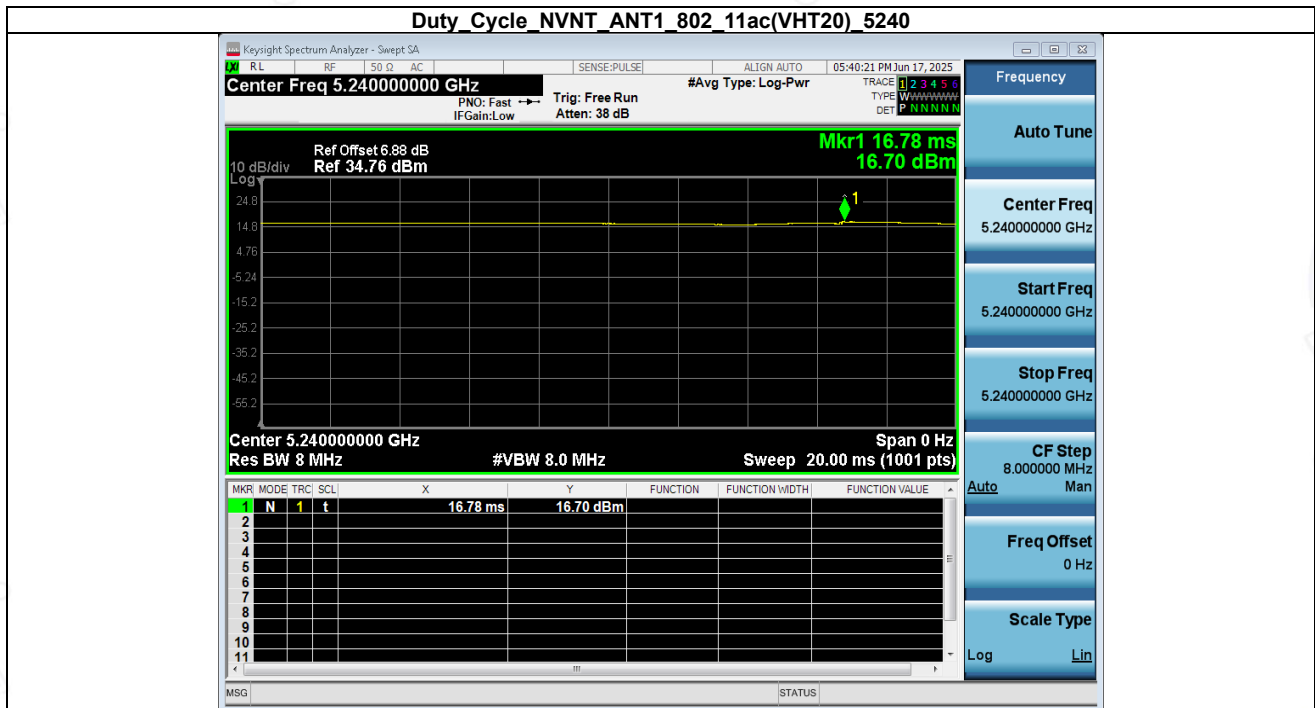
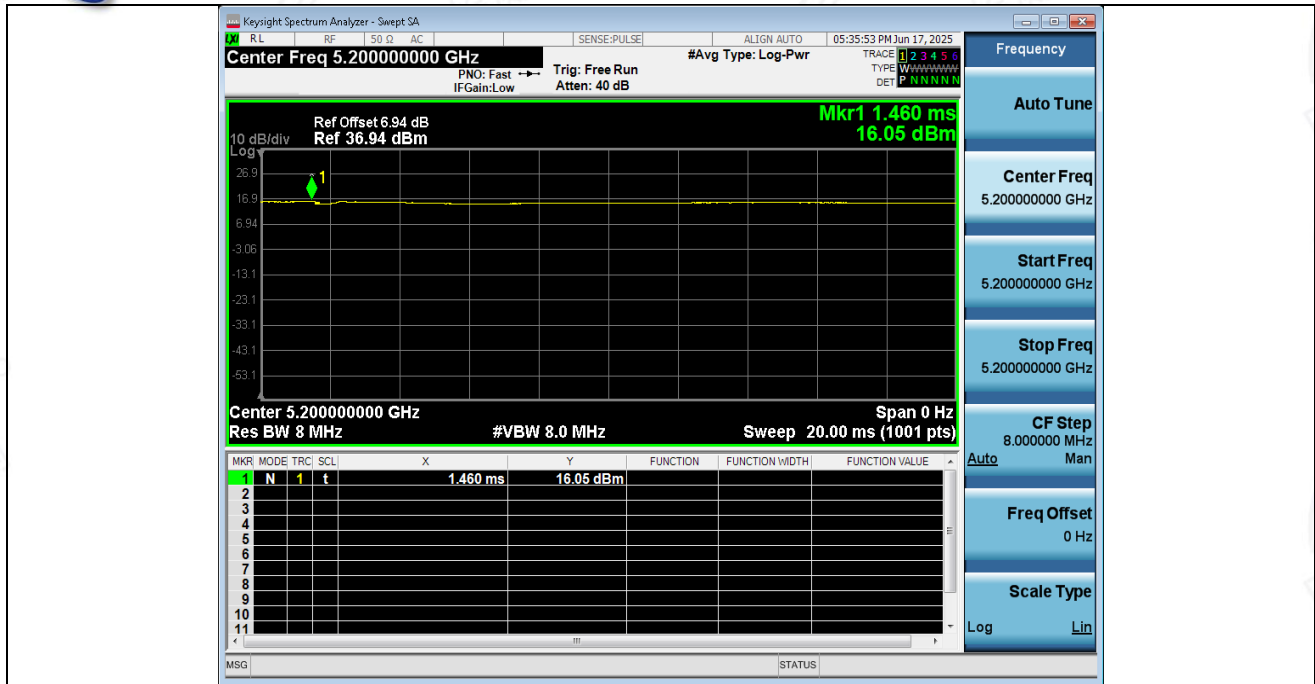
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5240





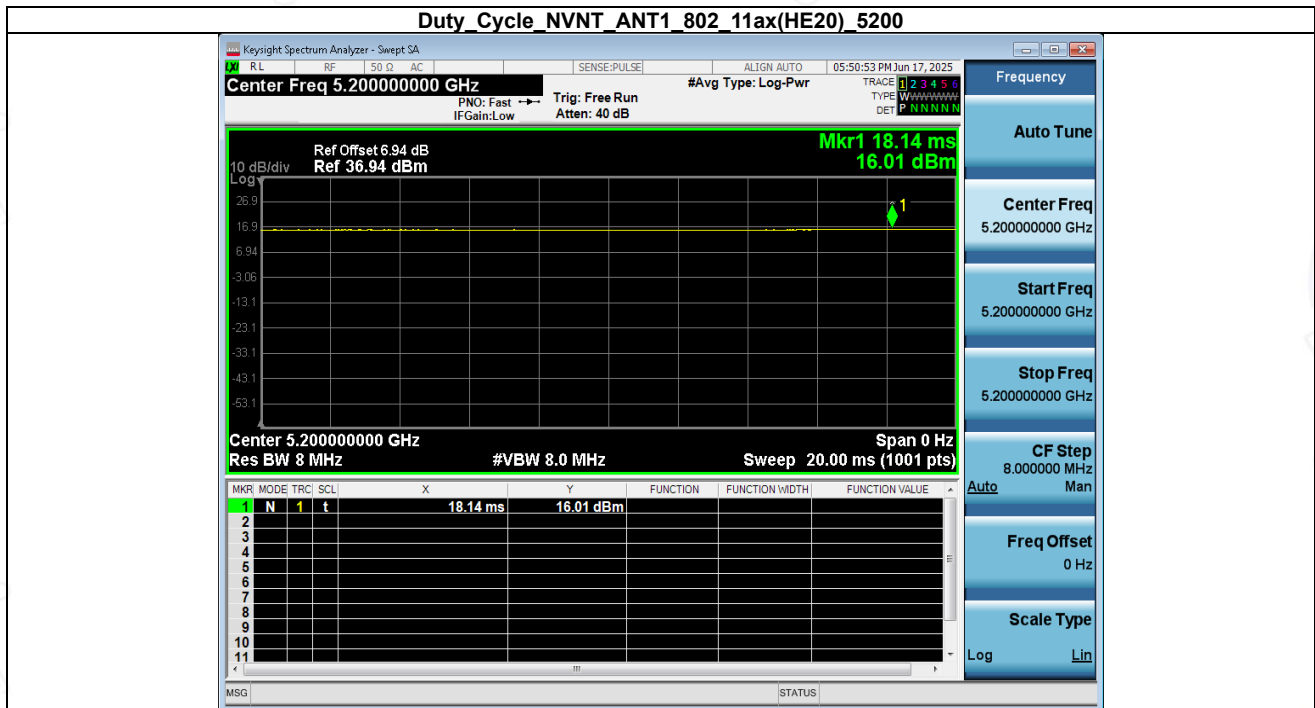
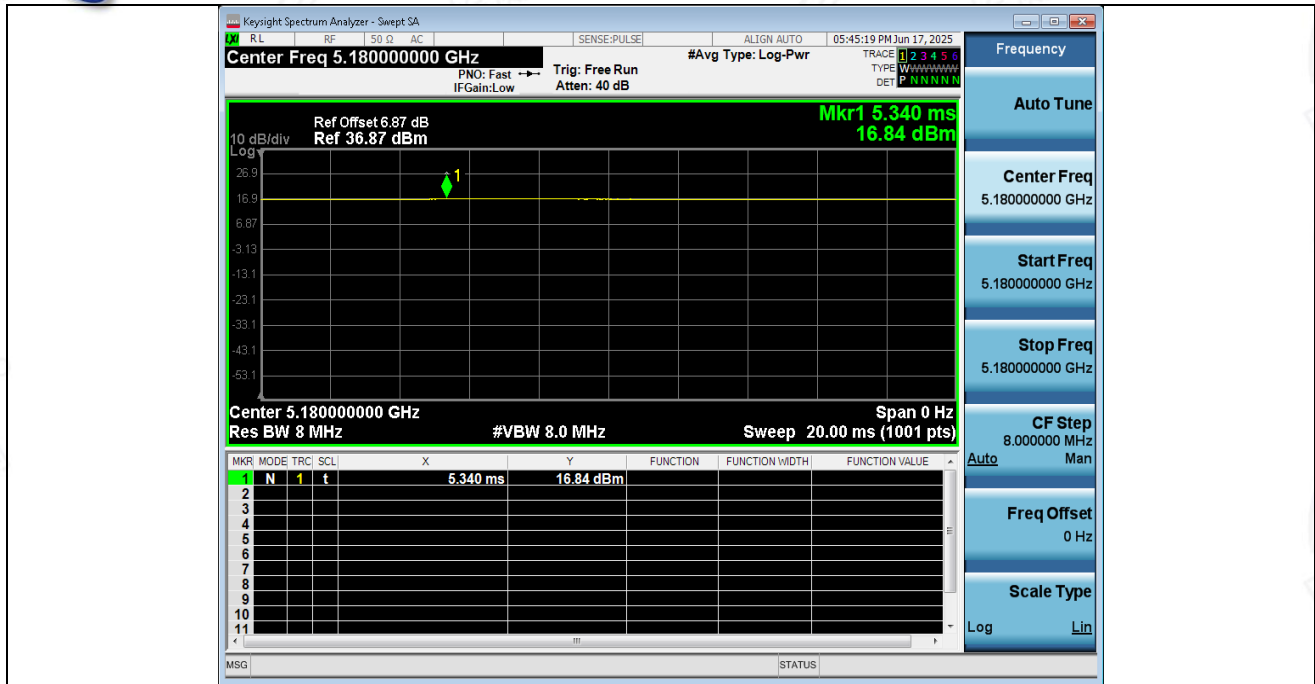
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5200





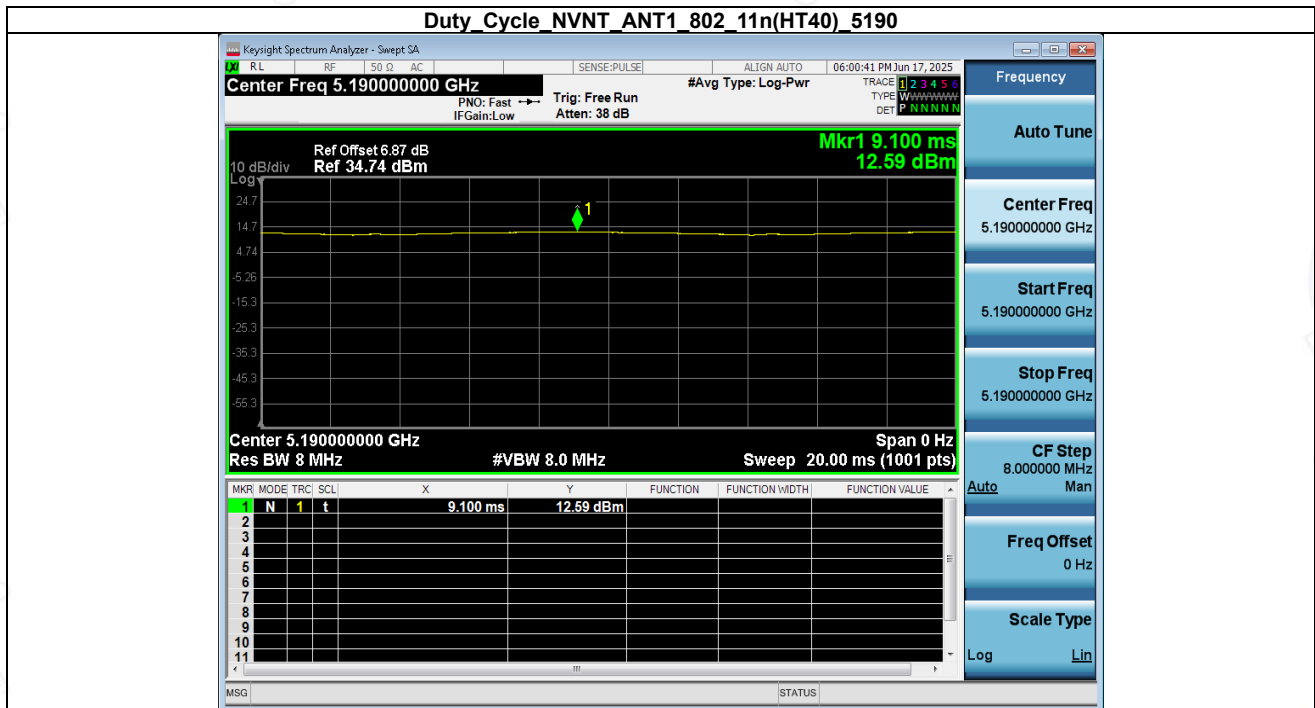
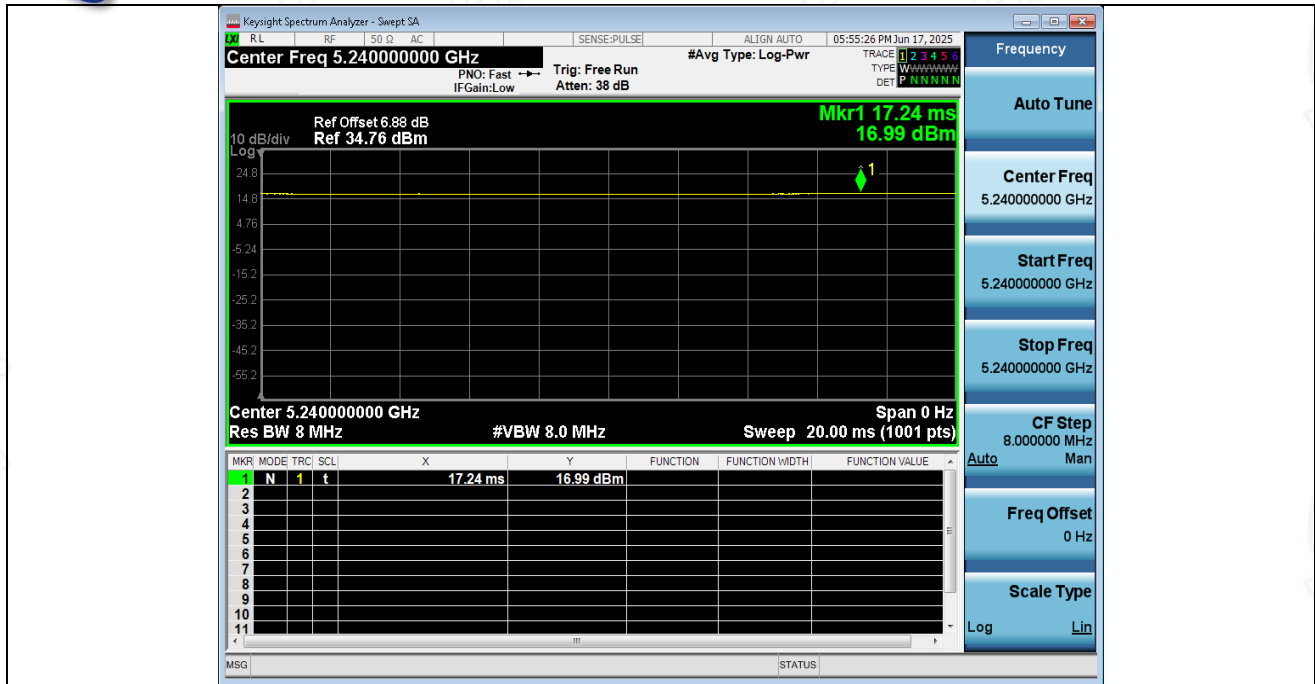
Duty Cycle NVNT_ANT1_802_11ax(HE20)_5180





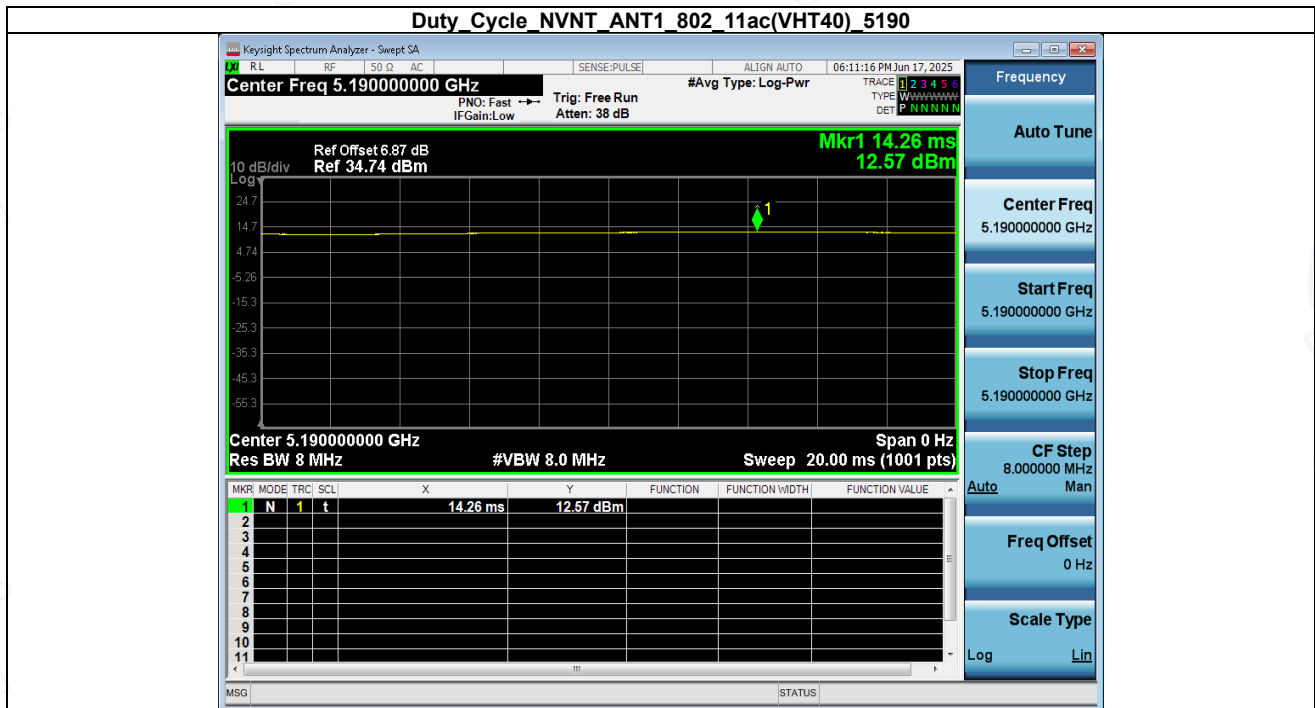
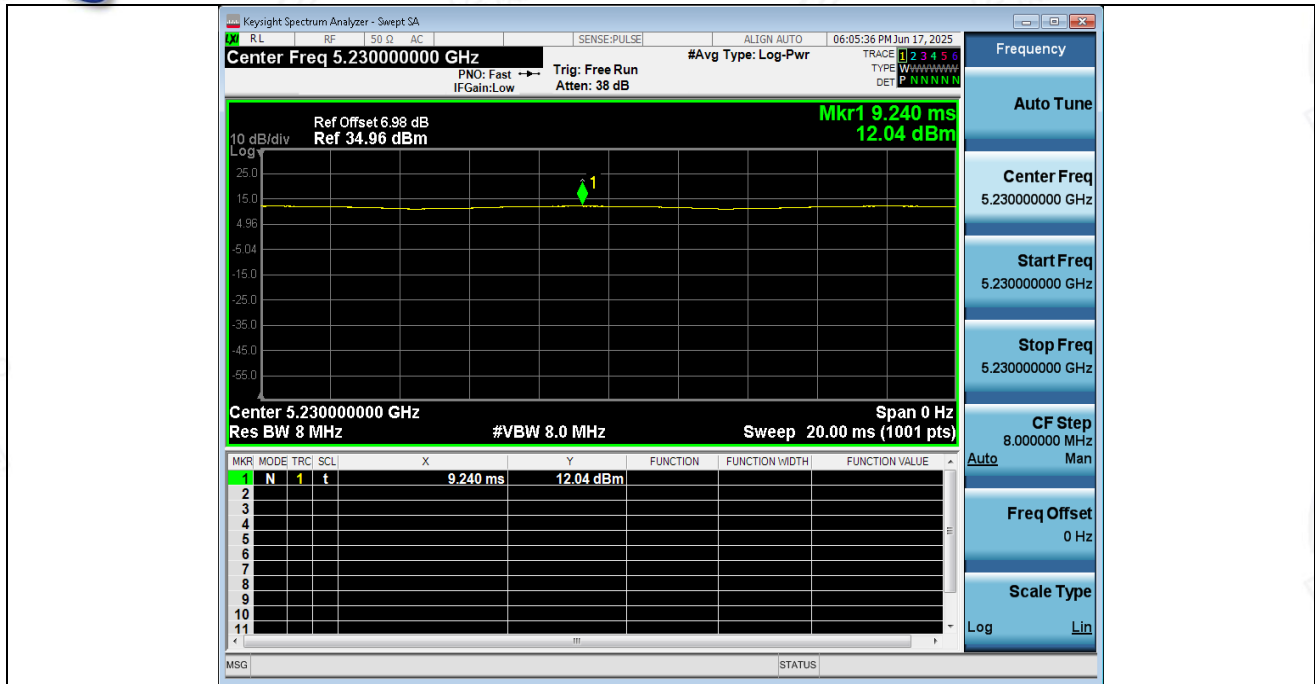
Duty Cycle NVNT_ANT1_802_11ax(HE20)_5240





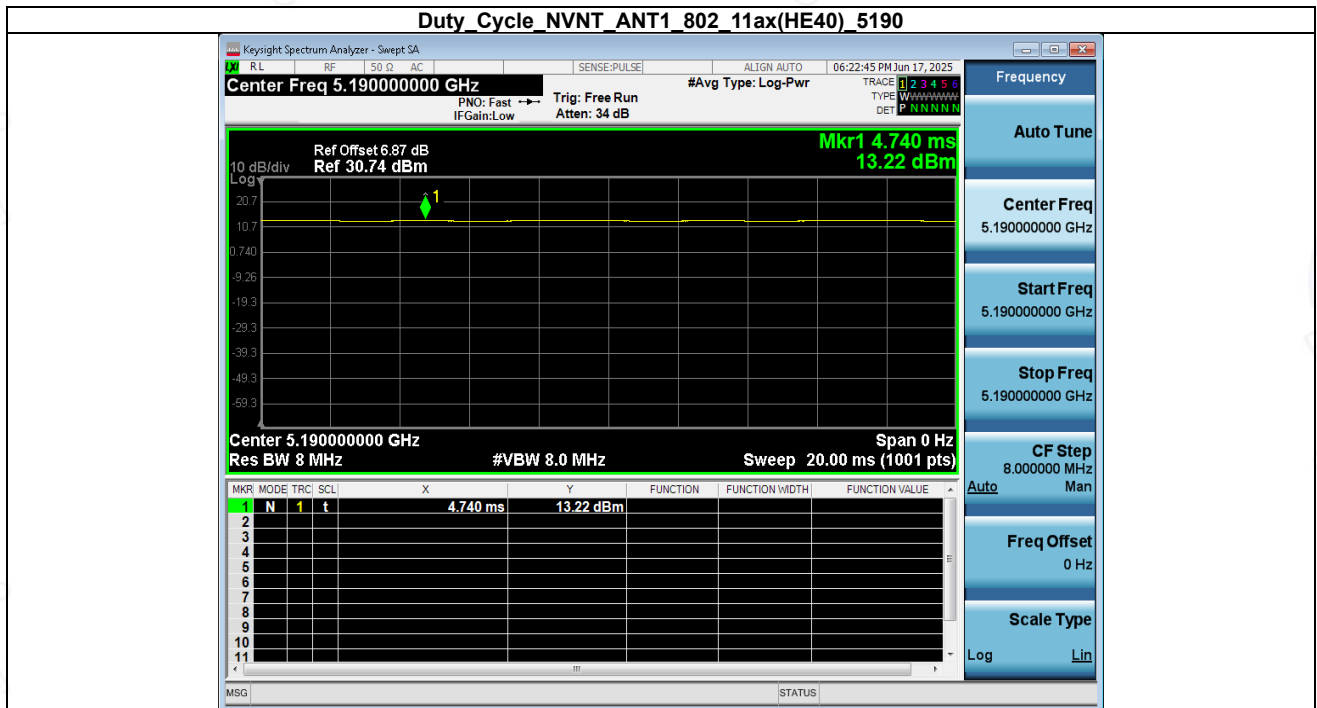
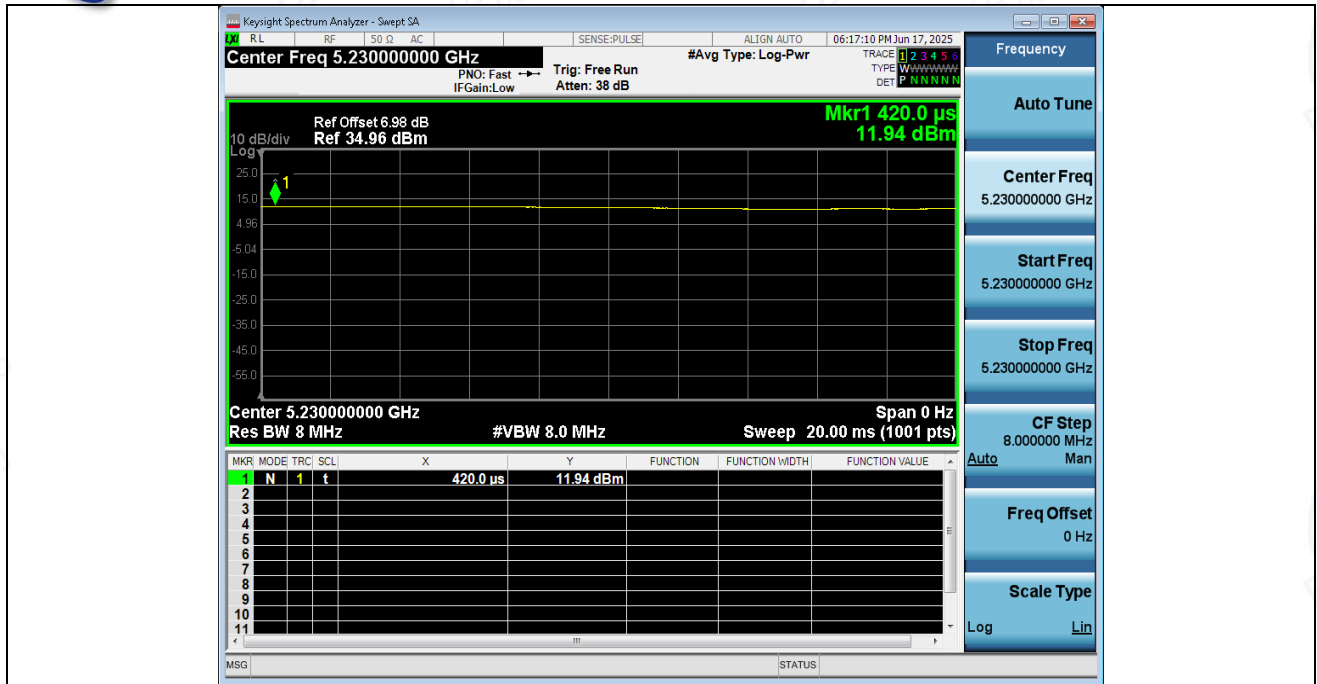
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5230





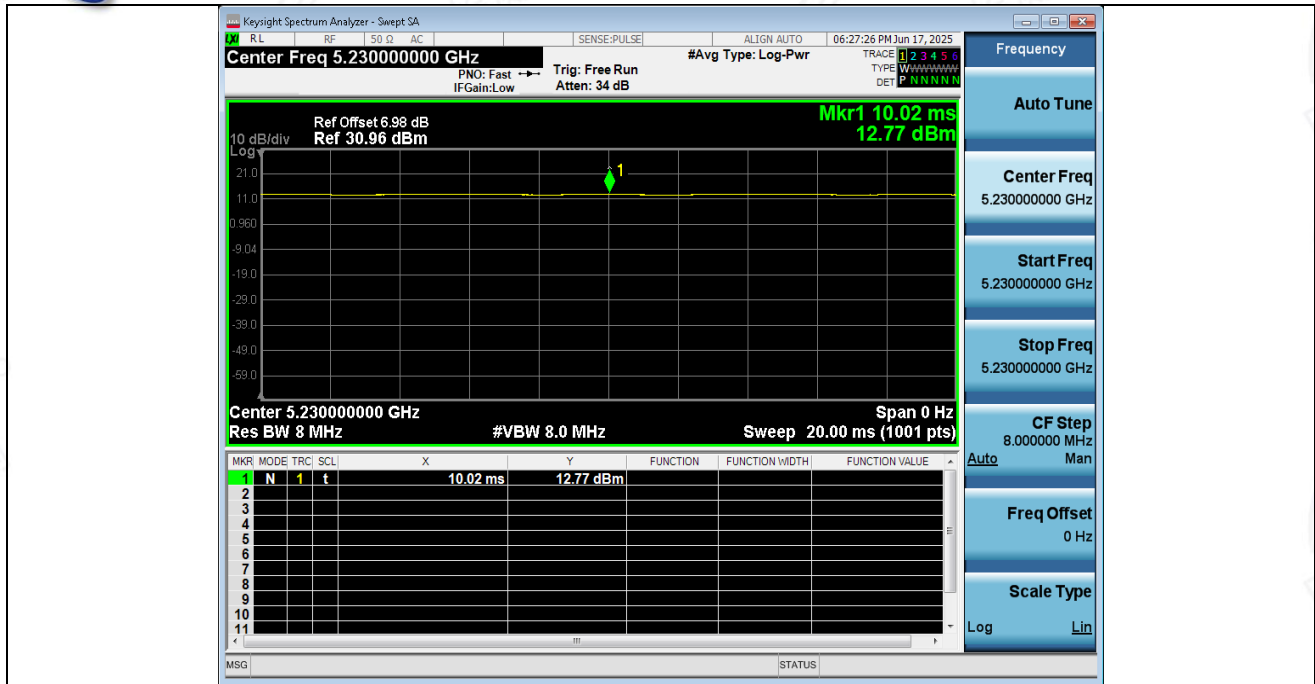
Duty Cycle NVNT_ANT1_802_11ac(VHT40)_5230





Duty Cycle NVNT_ANT1_802_11ax(HE40)_5230

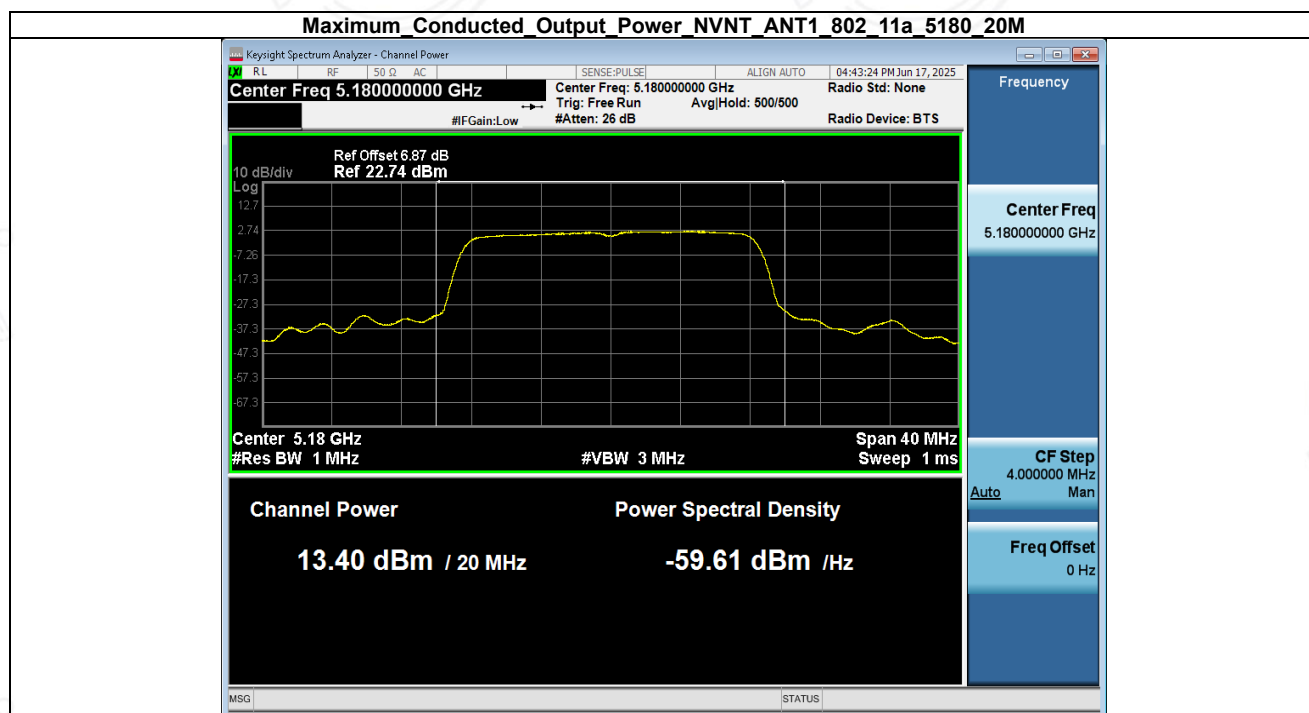




3. Maximum Conducted Output Power

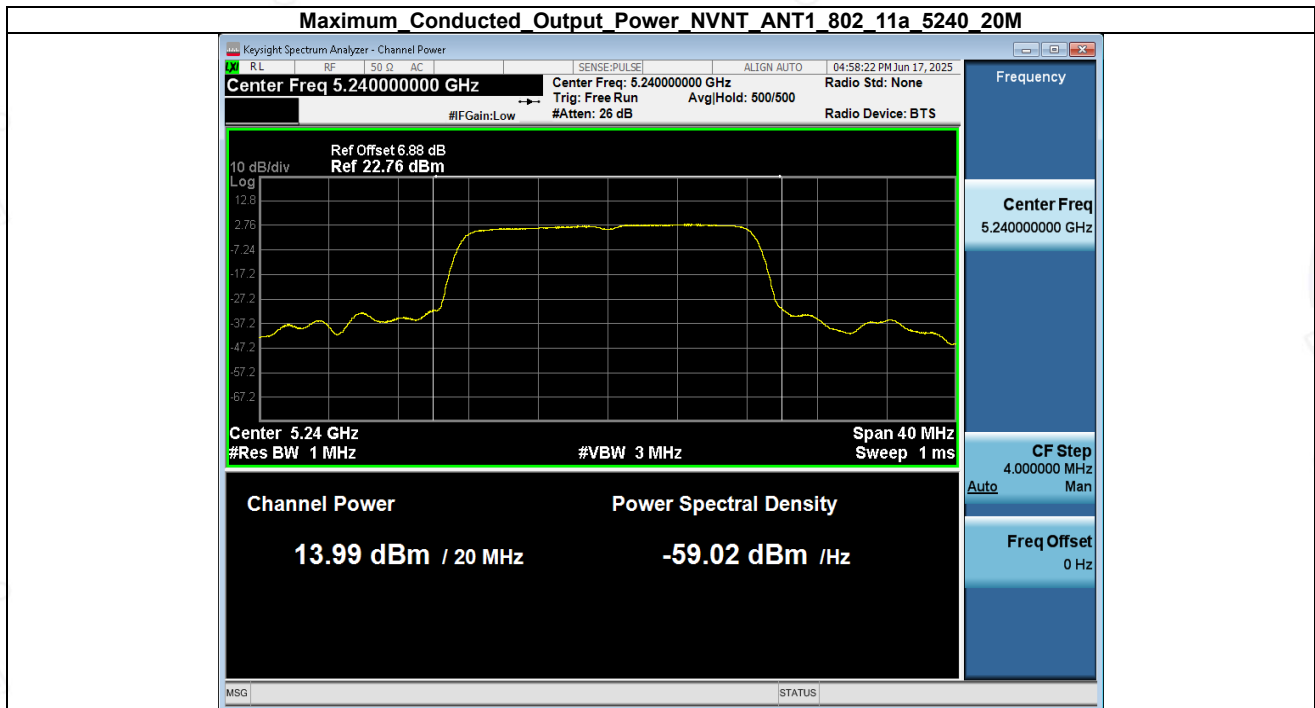
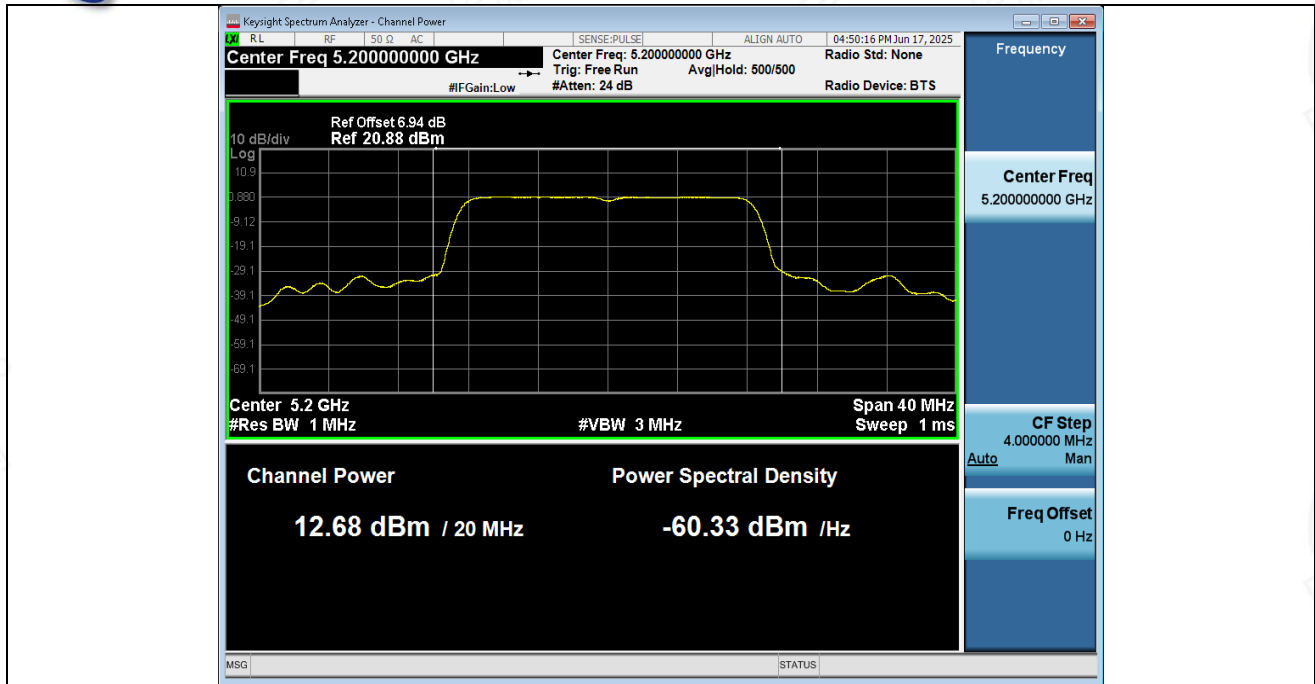
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	13.40	0.00	13.40	24	Pass
NVNT	ANT1	802.11a	5200.00	12.68	0.00	12.68	24	Pass
NVNT	ANT1	802.11a	5240.00	13.99	0.00	13.99	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	12.21	0.00	12.21	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	12.06	0.00	12.06	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	11.50	0.00	11.50	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	12.14	0.00	12.14	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	12.05	0.00	12.05	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	12.63	0.00	12.63	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	12.06	0.00	12.06	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	11.93	0.00	11.93	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	12.63	0.00	12.63	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	12.73	0.00	12.73	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	13.67	0.00	13.67	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	12.73	0.00	12.73	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	13.53	0.00	13.53	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	12.55	0.00	12.55	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	13.40	0.00	13.40	24	Pass

Maximum Conducted Output Power_NVNT_ANT1_802_11a_5180_20M



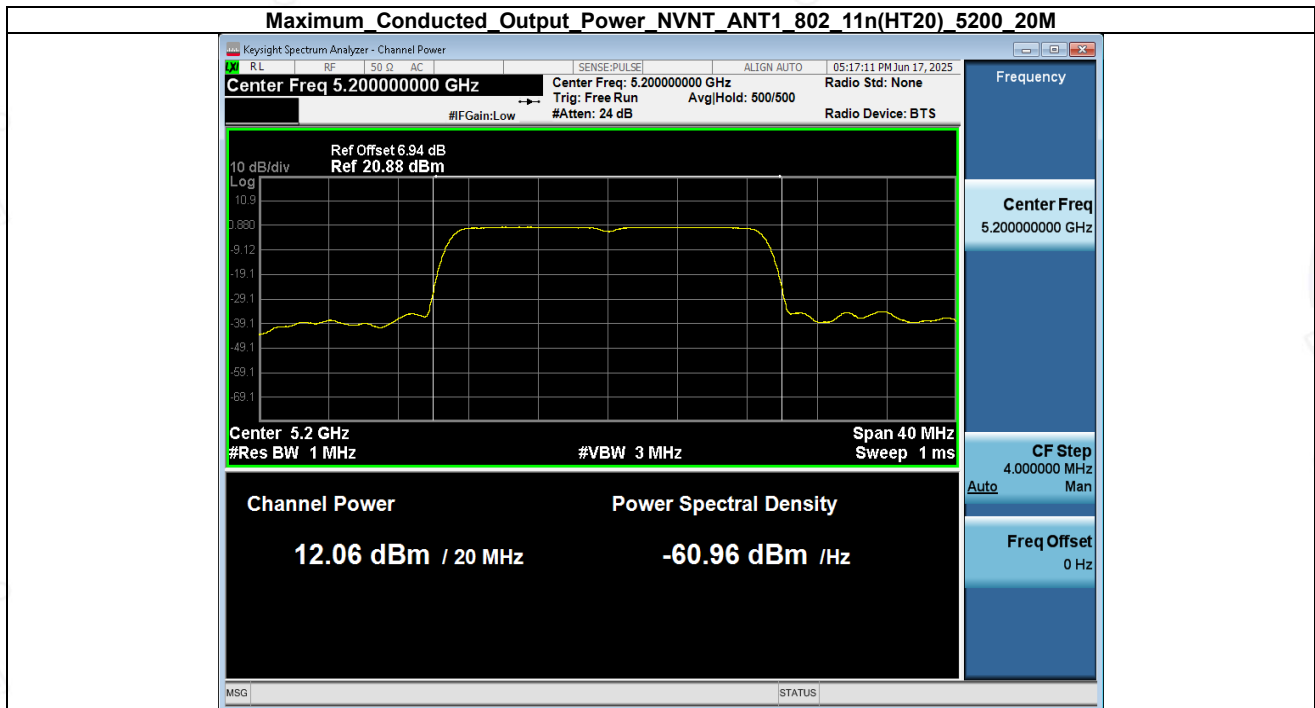
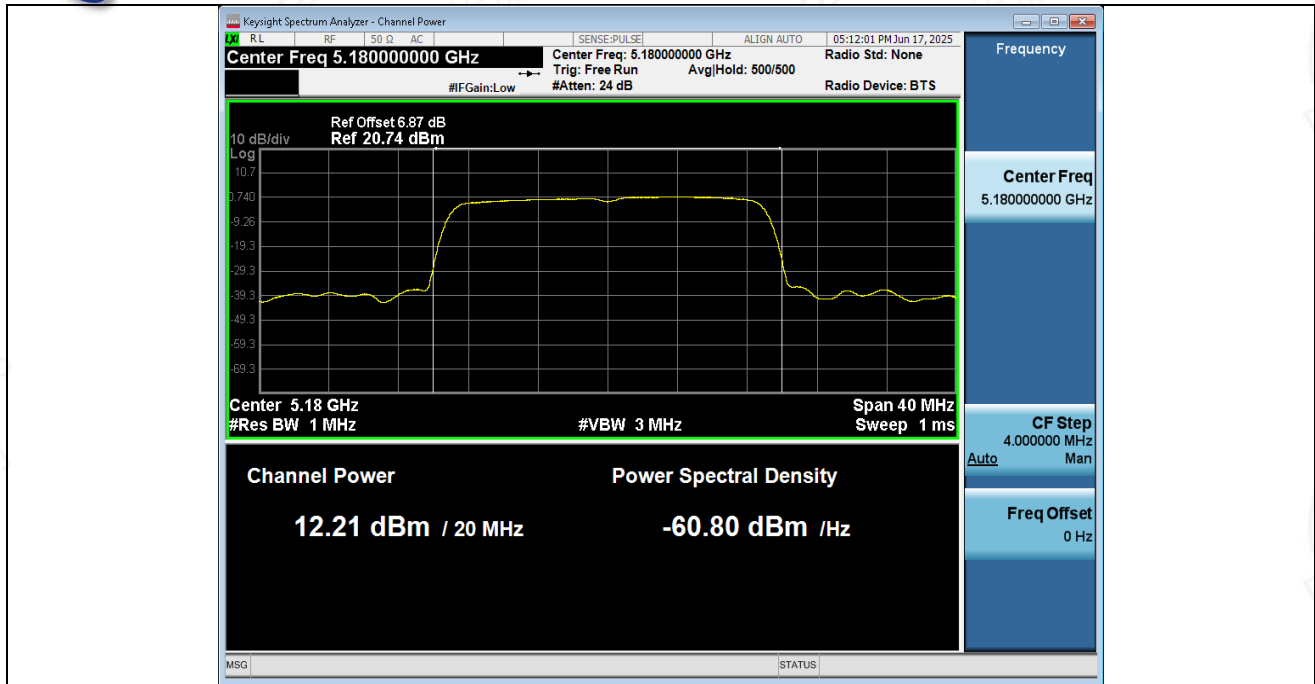
Maximum Conducted Output Power_NVNT_ANT1_802_11a_5200_20M





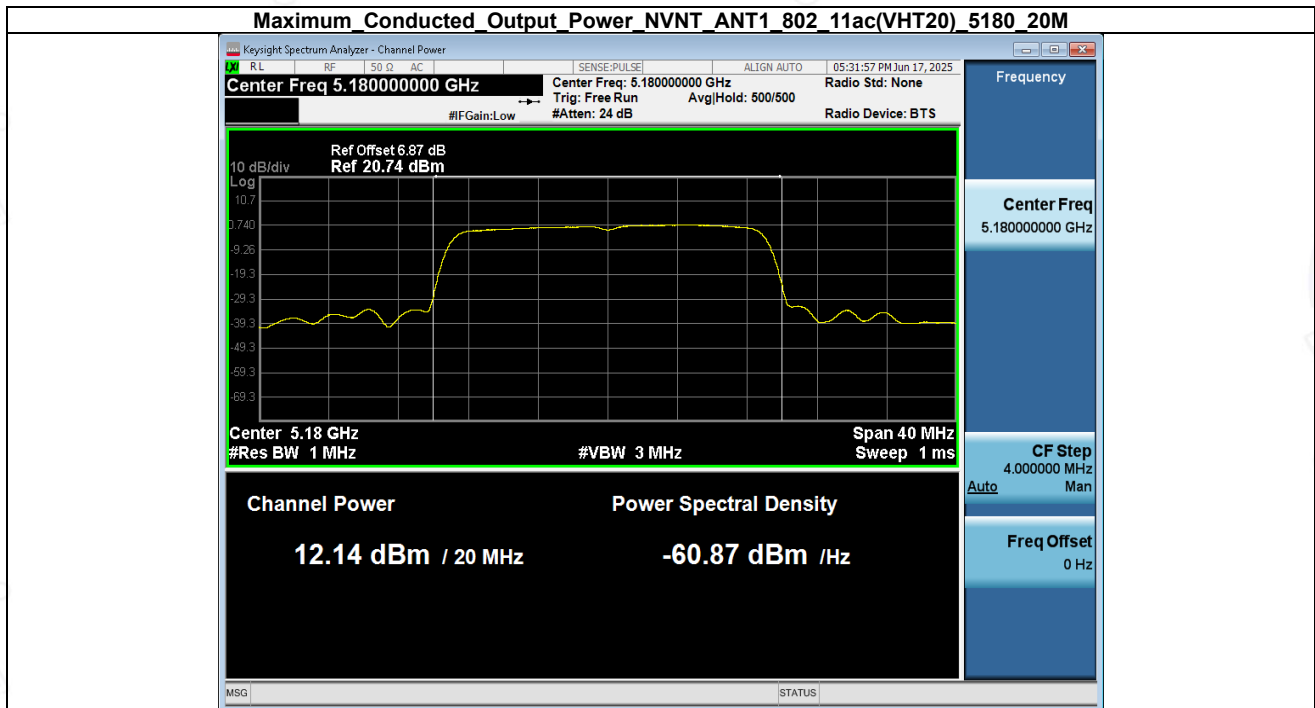
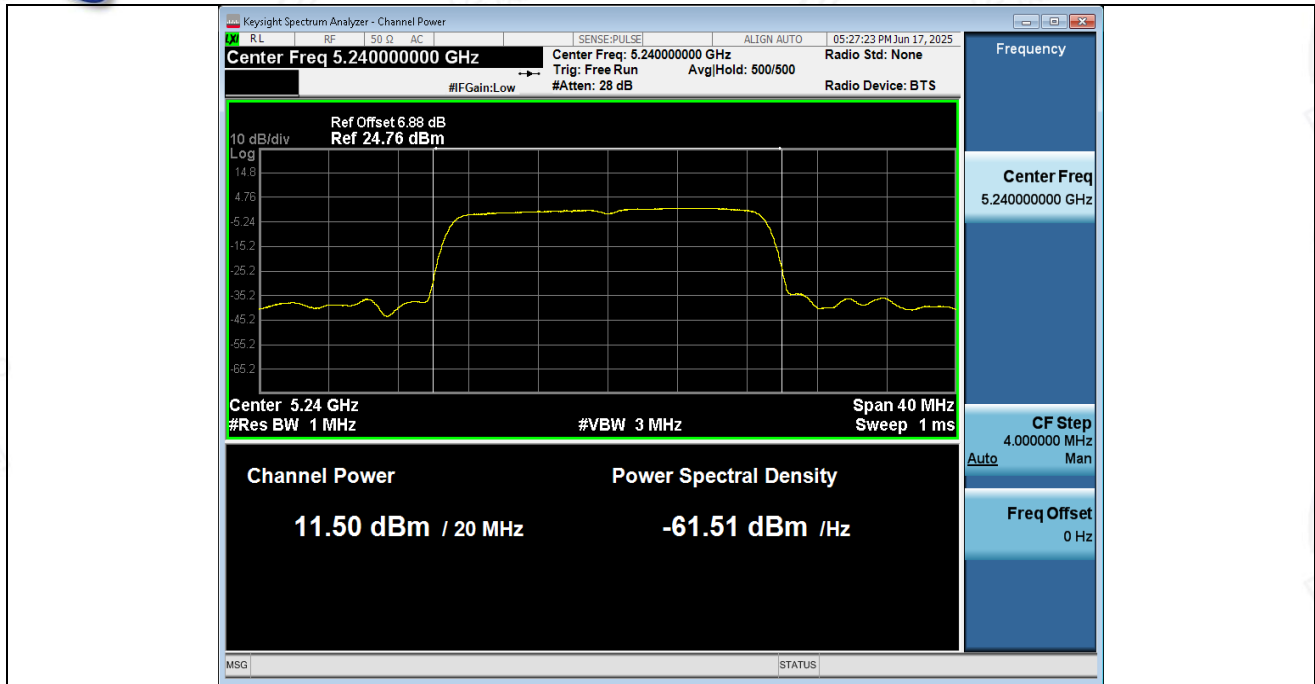
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT20)_5180_20M





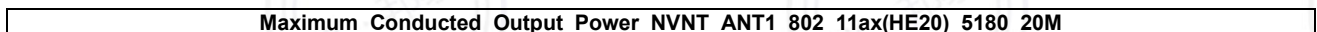
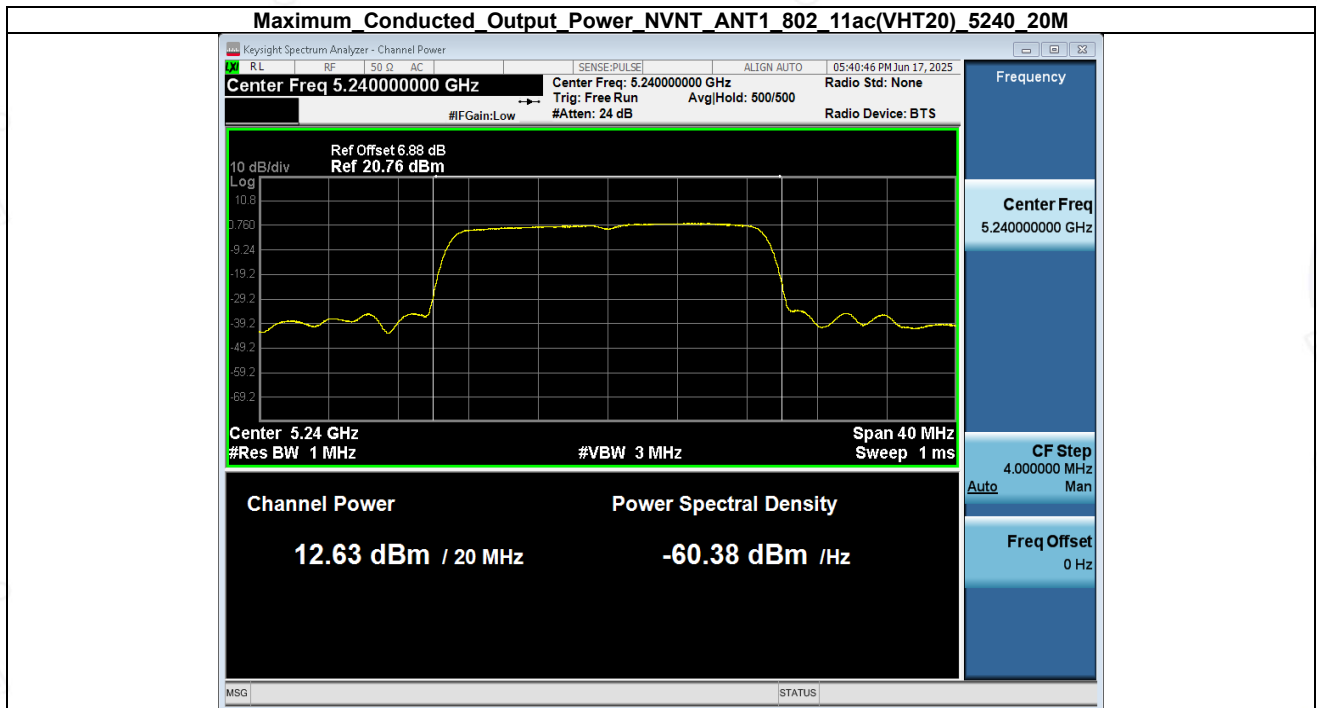
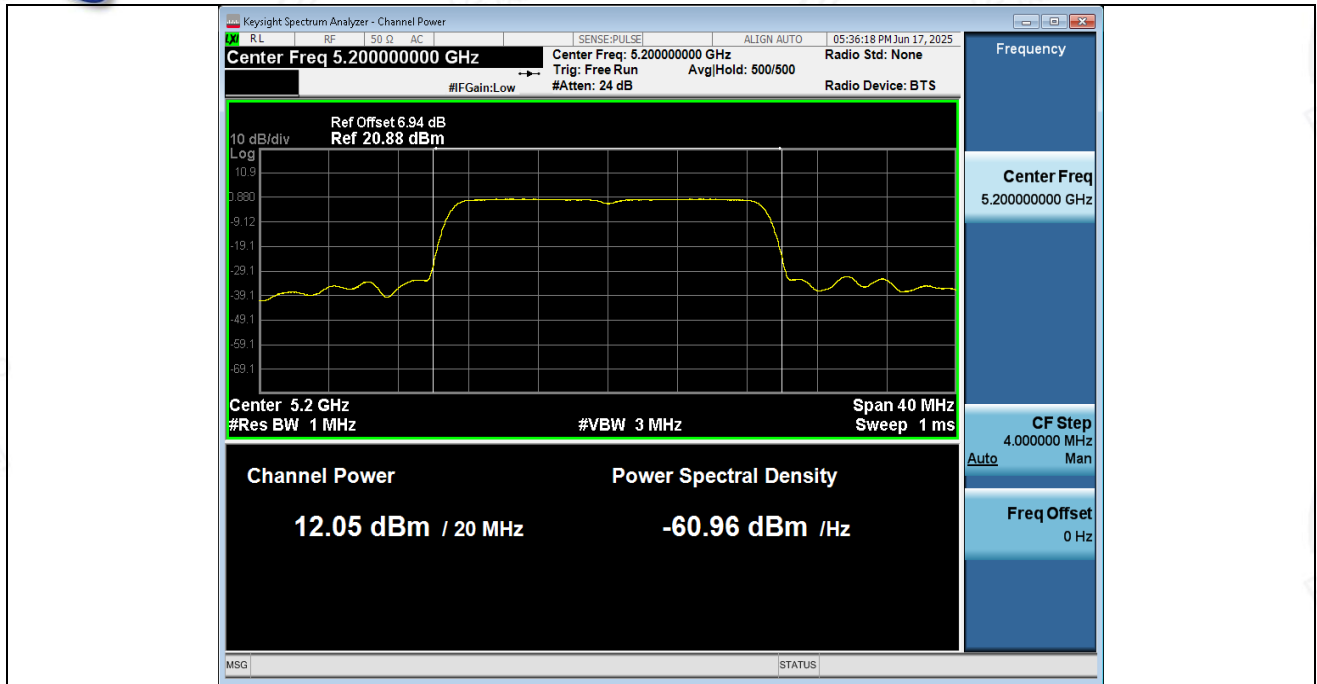
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5240_20M

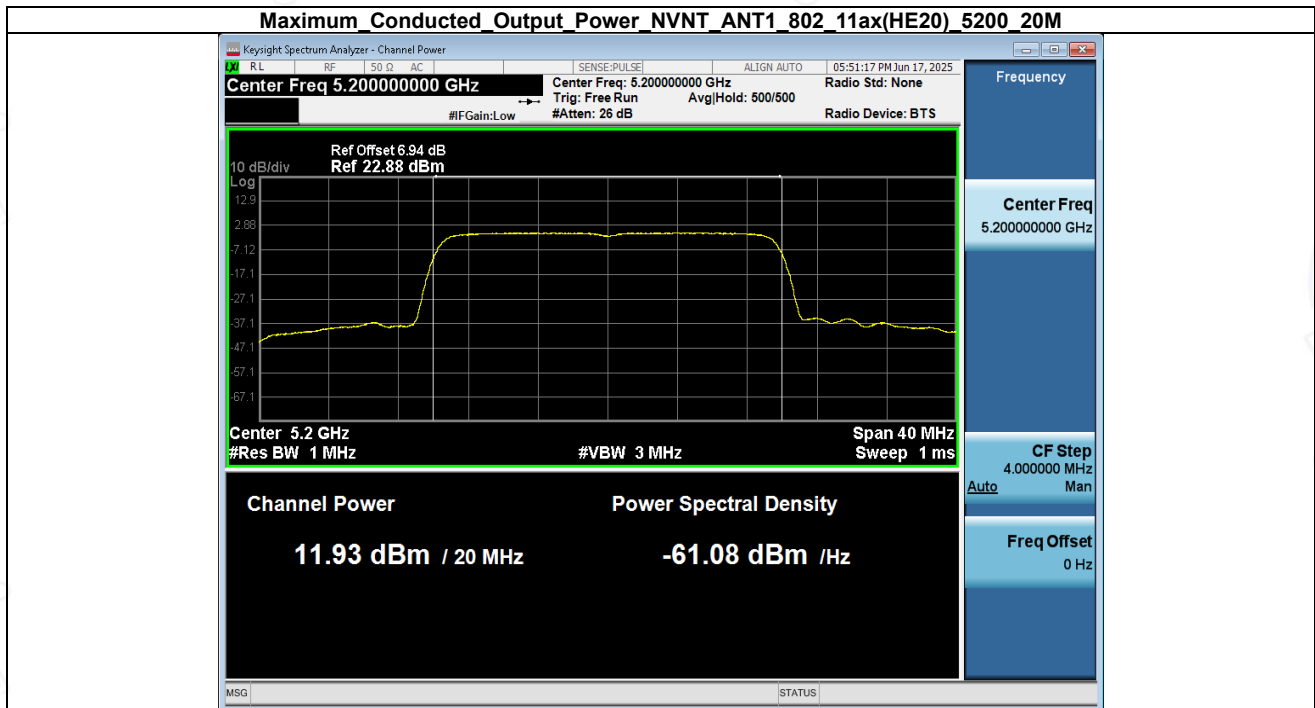
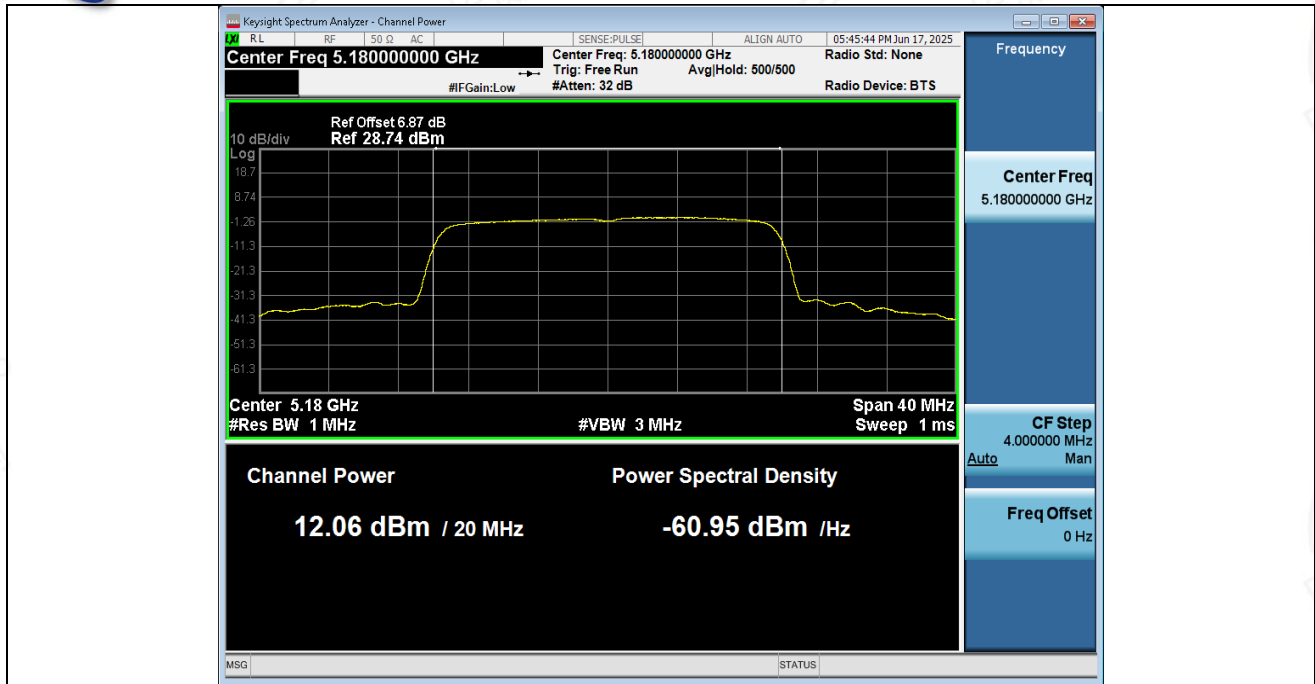




Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5200_20M

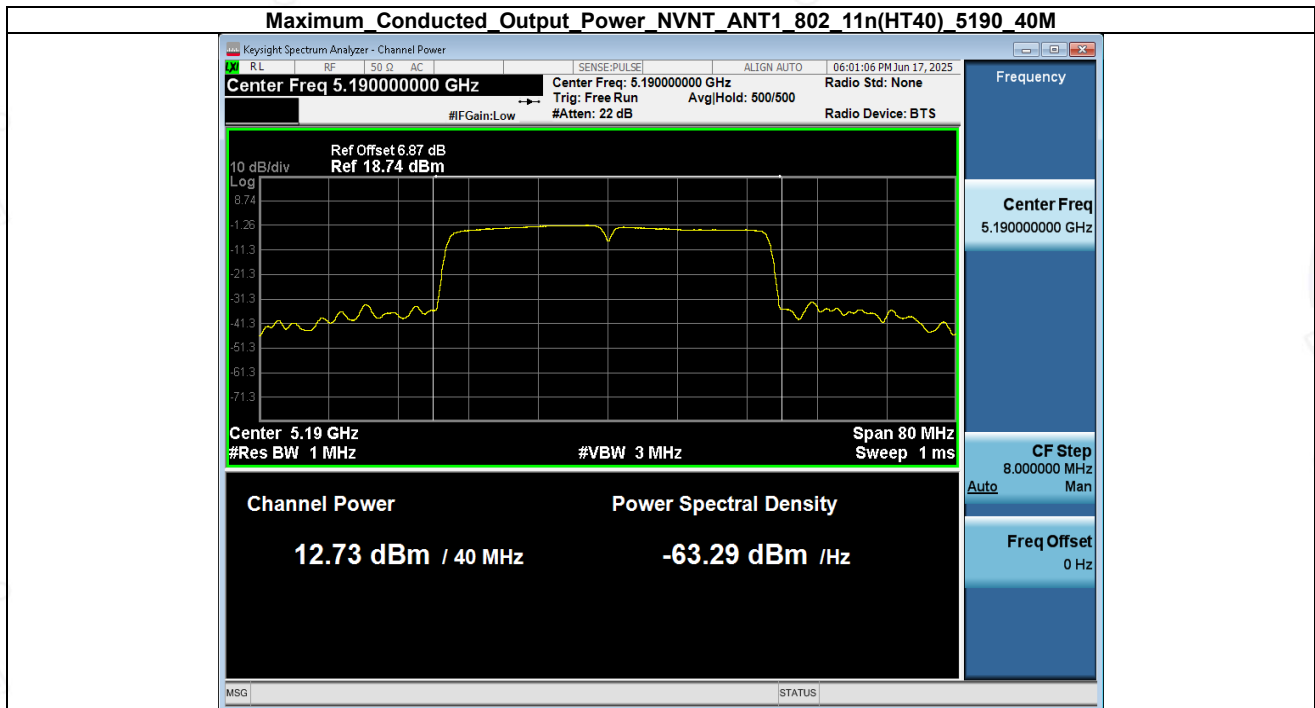
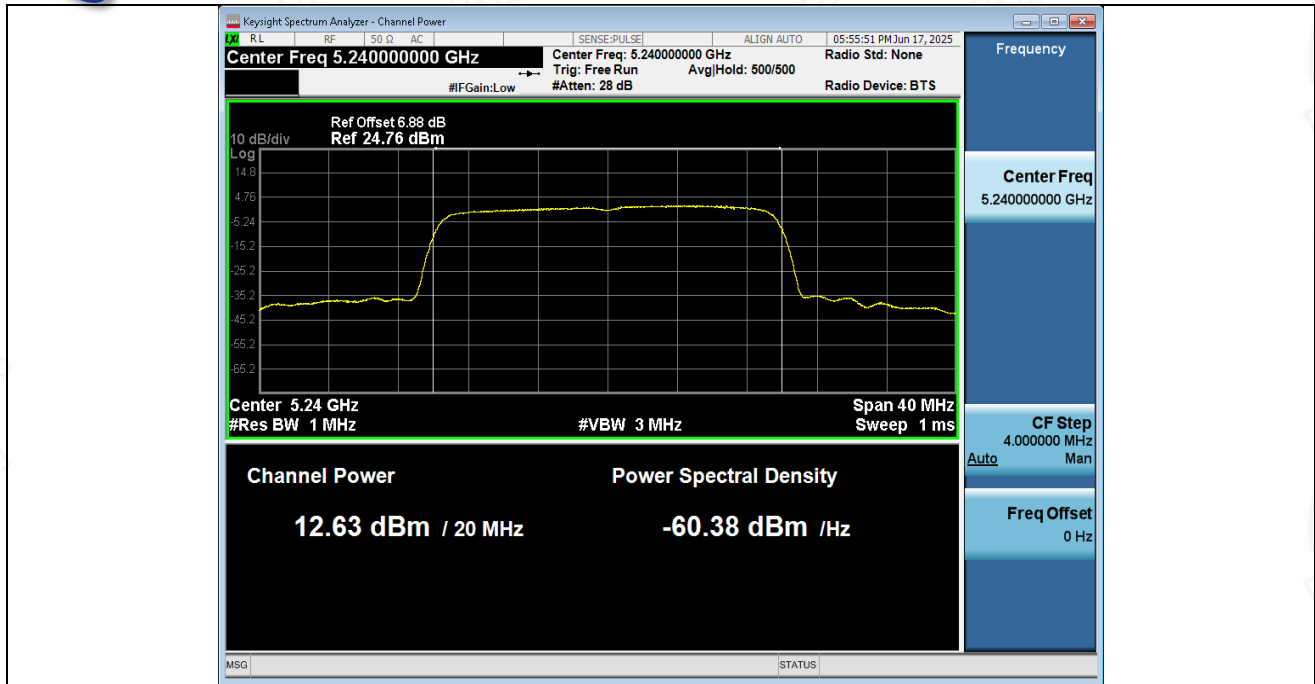






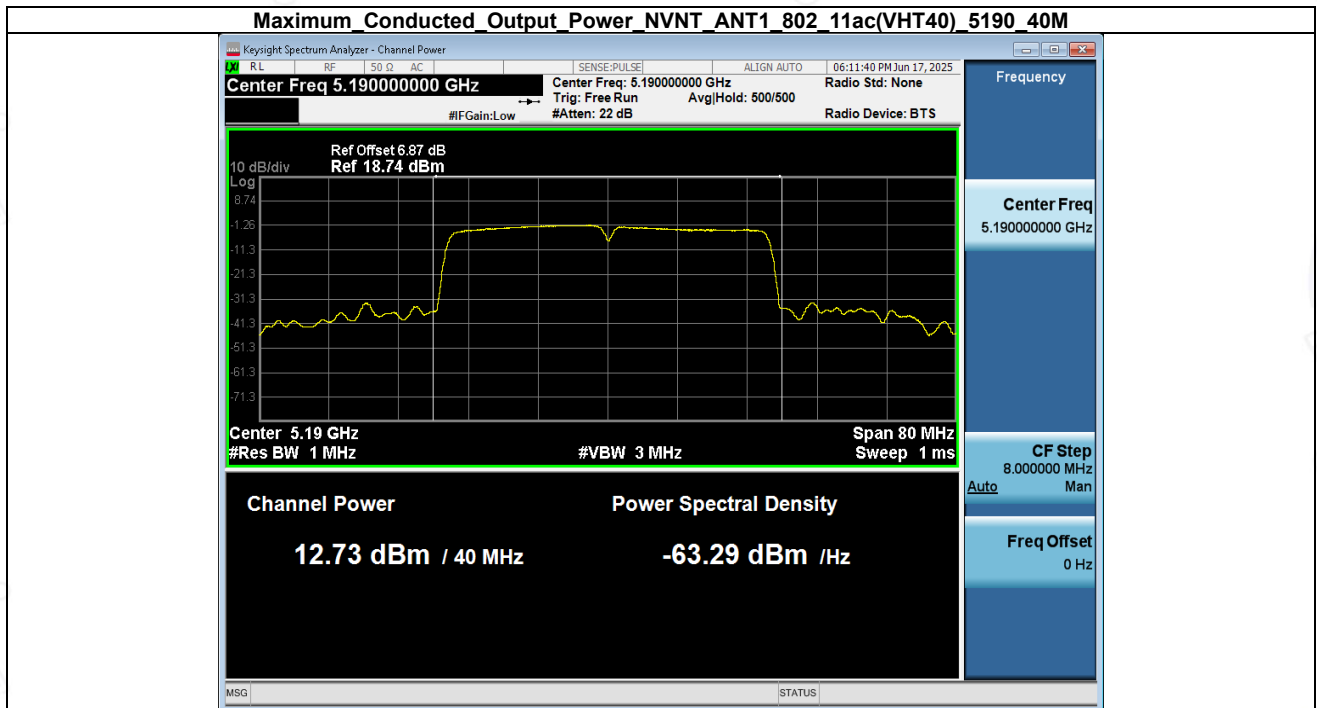
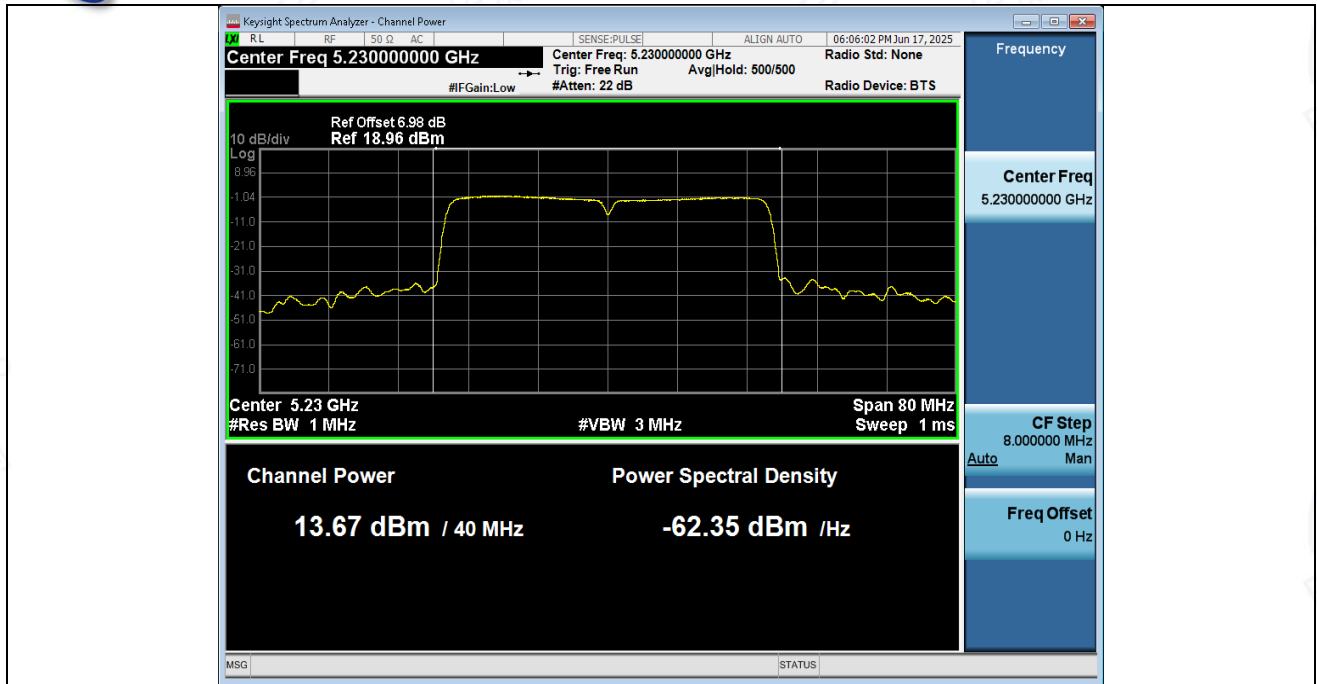
Maximum Conducted Output Power NVNT_ANT1_802_11ax(HE20)_5240_20M





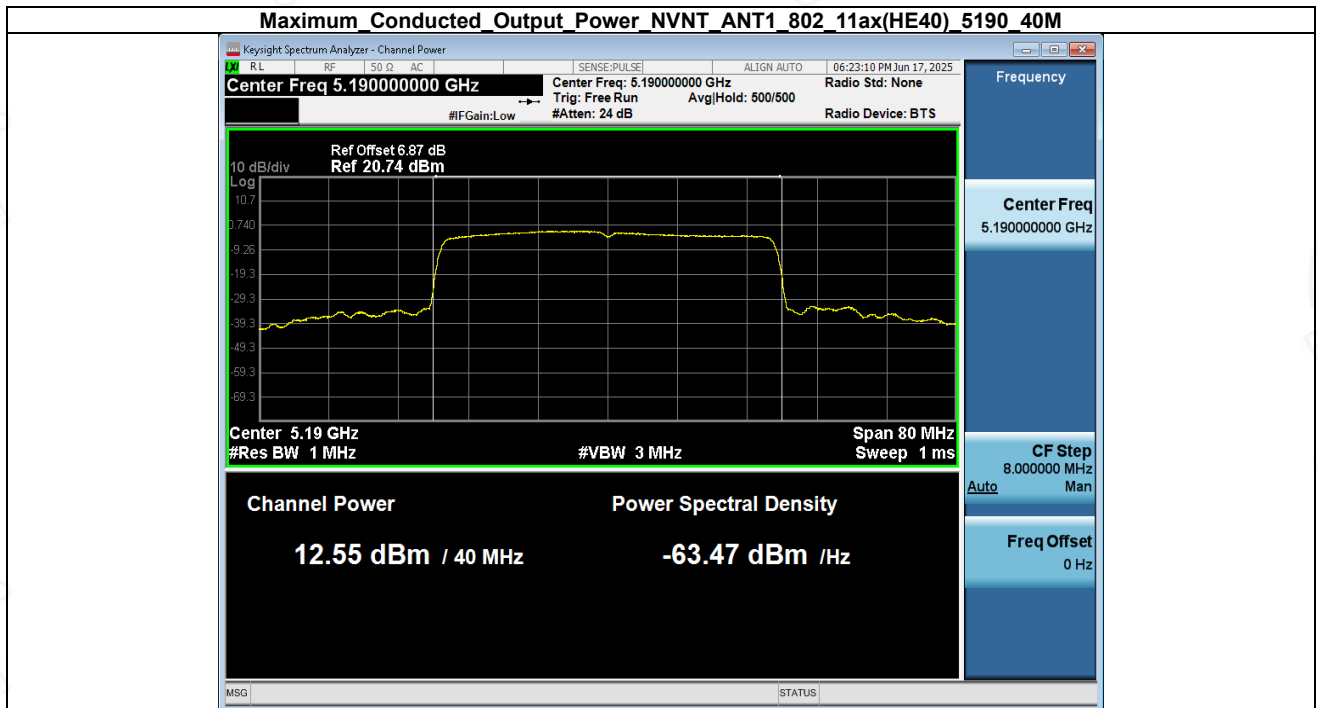
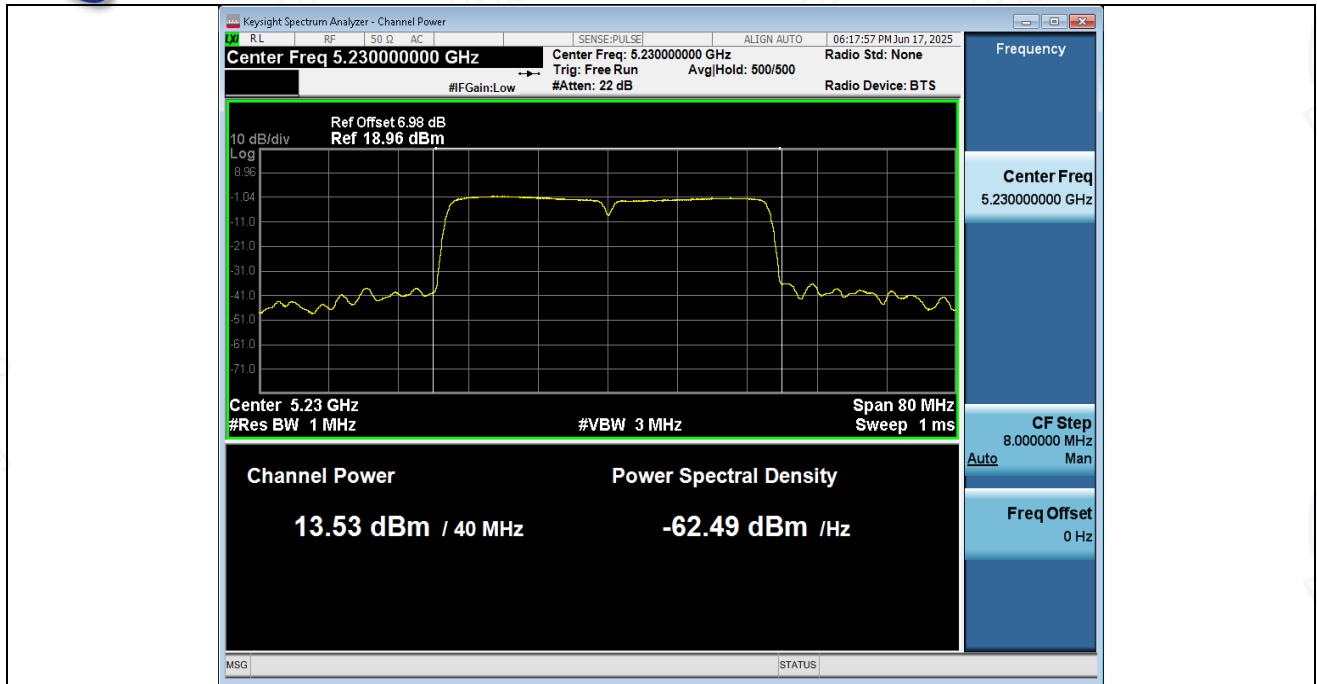
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5230_40M





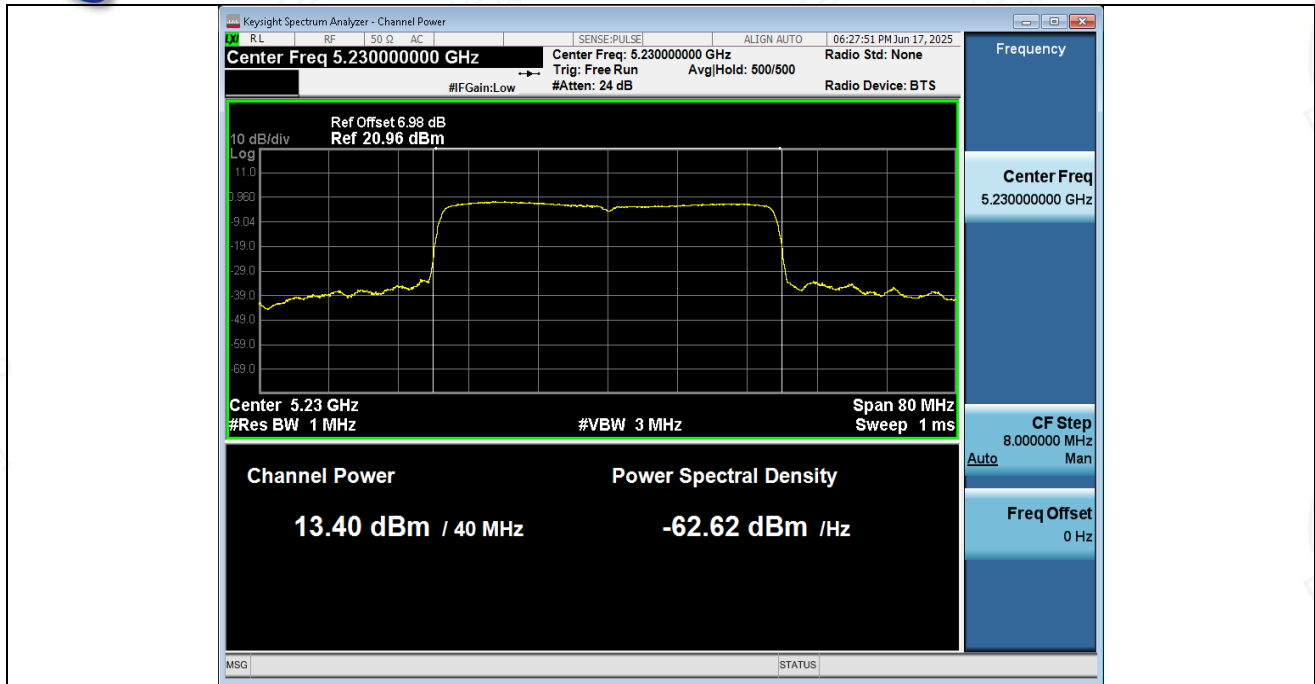
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT40)_5230_40M





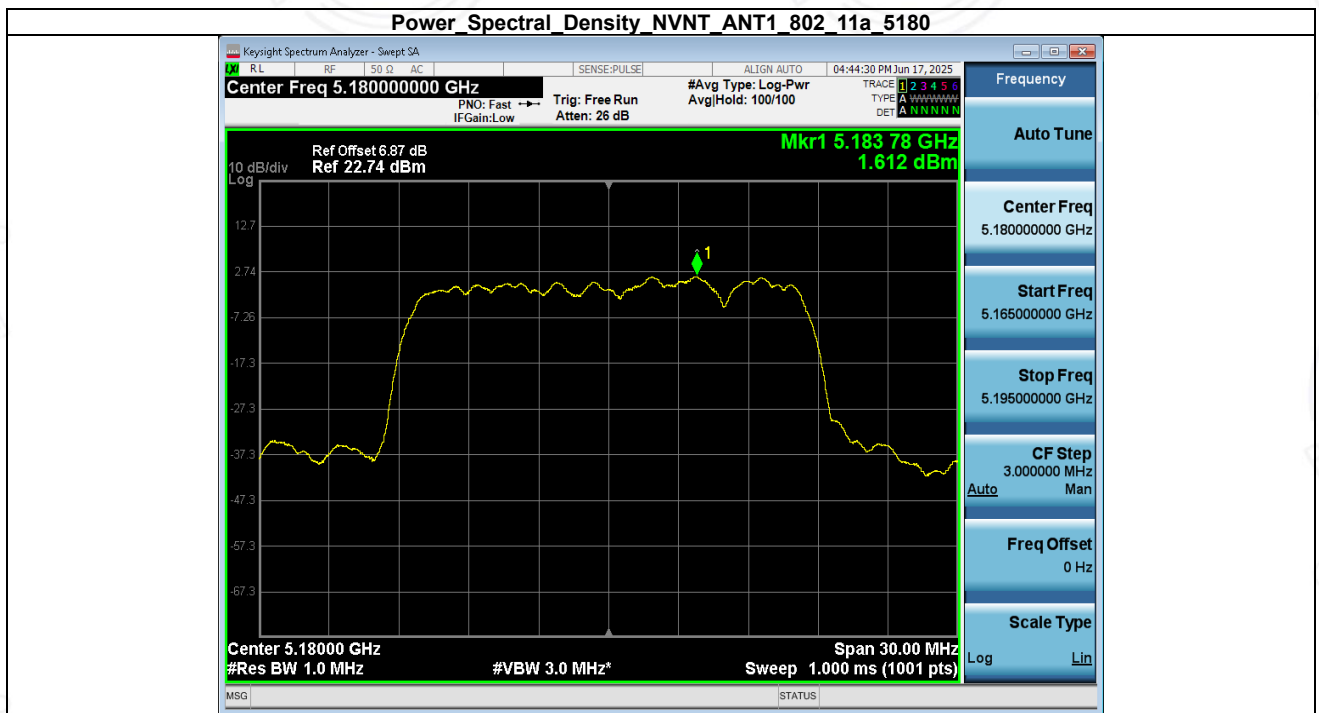
Maximum Conducted Output Power NVNT_ANT1_802_11ax(HE40)_5230_40M





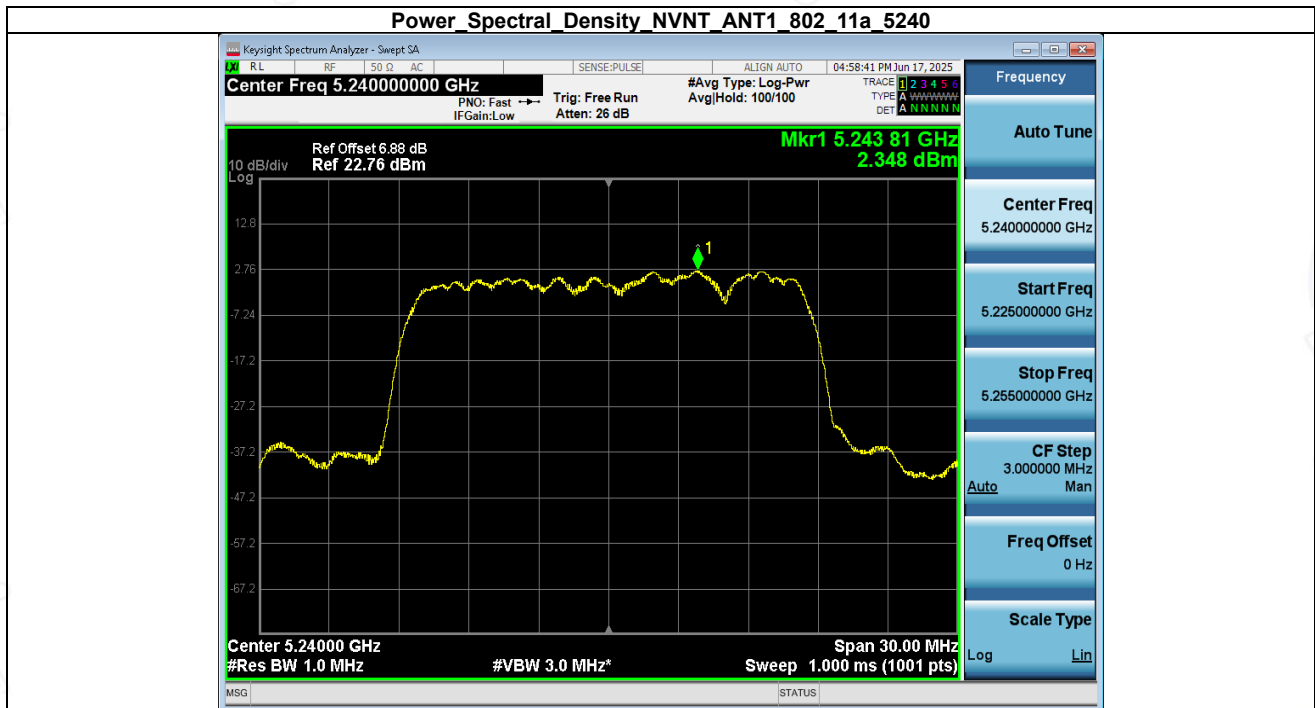
4. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	1.61	0.00	1.61	11	Pass
NVNT	ANT1	802.11a	5200.00	0.42	0.00	0.42	11	Pass
NVNT	ANT1	802.11a	5240.00	2.35	0.00	2.35	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	0.28	0.00	0.28	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-0.44	0.00	-0.44	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-0.47	0.00	-0.47	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	0.24	0.00	0.24	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-0.57	0.00	-0.57	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	1.07	0.00	1.07	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-1.05	0.00	-1.05	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-1.90	0.00	-1.90	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-0.39	0.00	-0.39	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-2.16	0.00	-2.16	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-1.20	0.00	-1.20	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-2.16	0.00	-2.16	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-1.22	0.00	-1.22	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-3.15	0.00	-3.15	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-2.74	0.00	-2.74	11	Pass



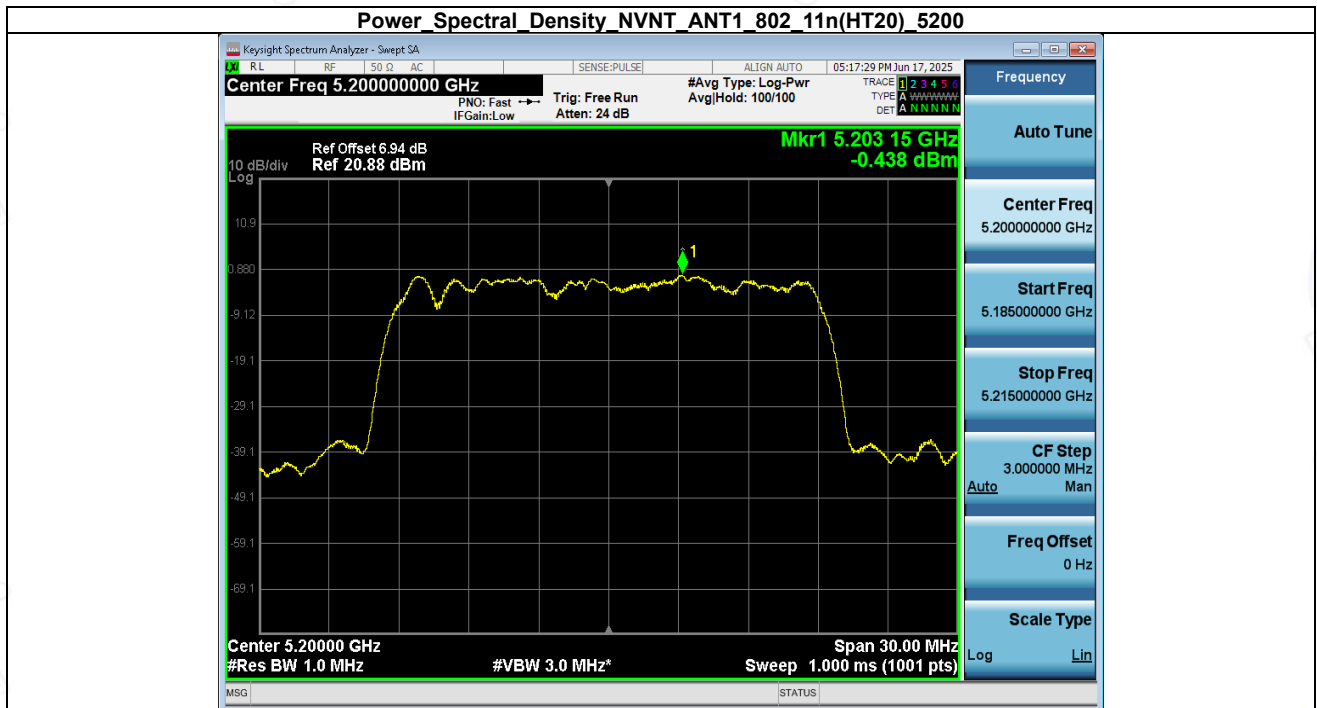
Power Spectral Density_NVNT_ANT1_802_11a_5200





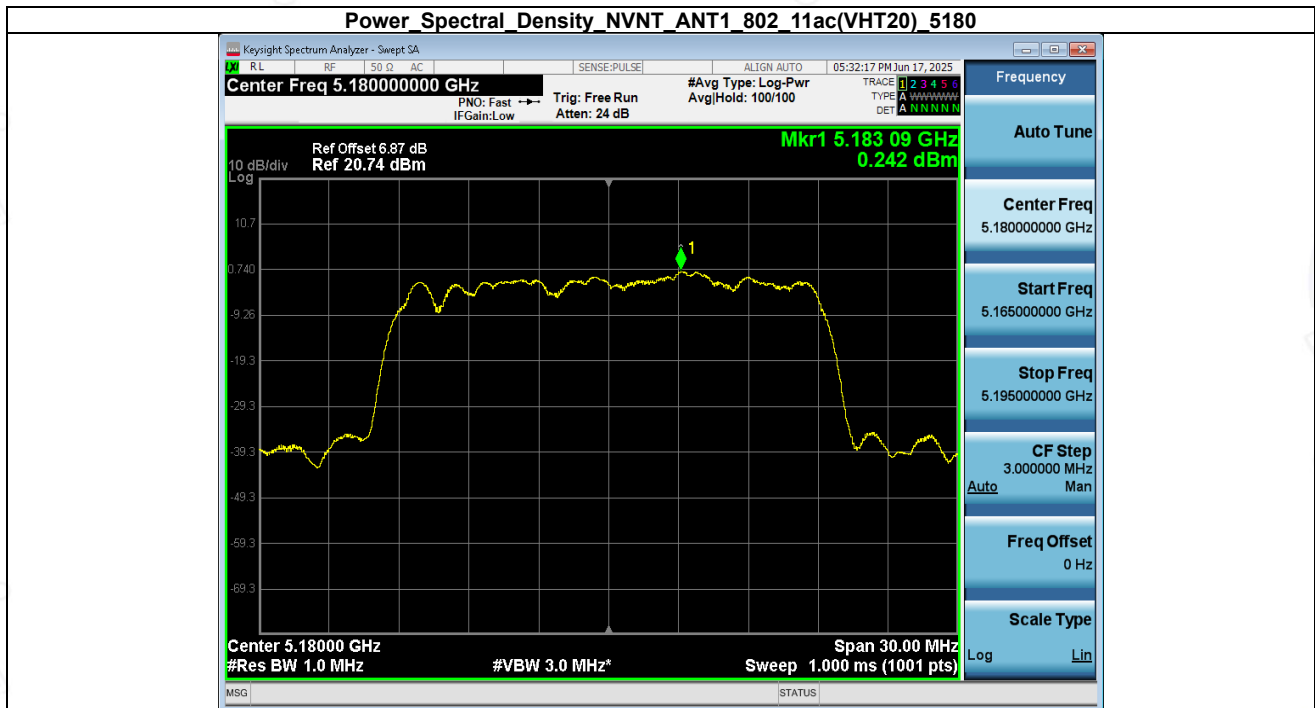
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5180





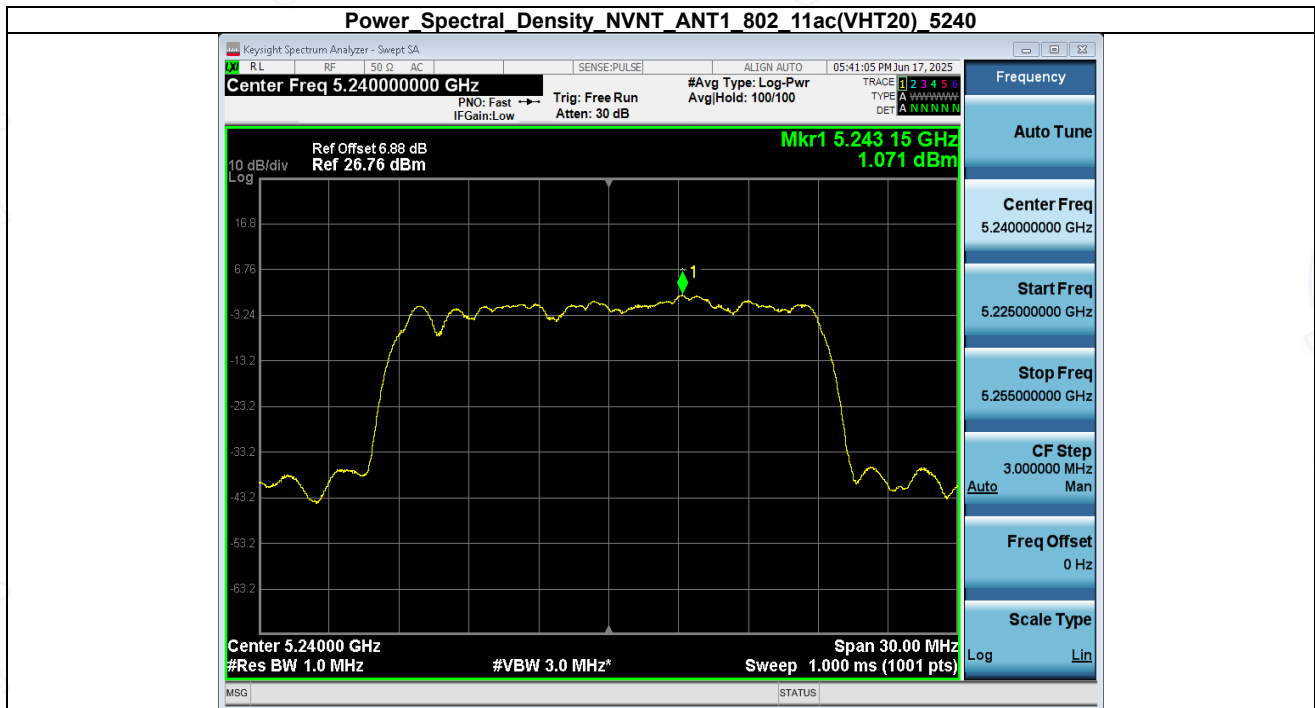
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5240





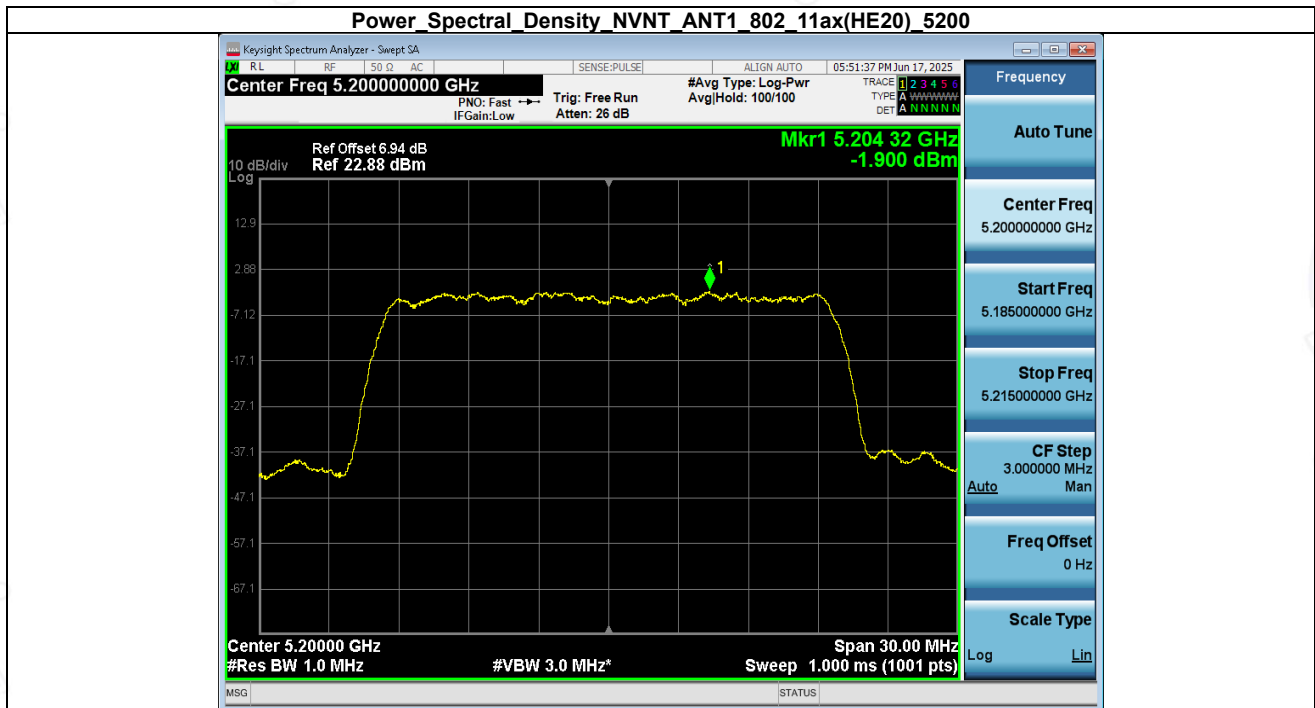
Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT20)_5200





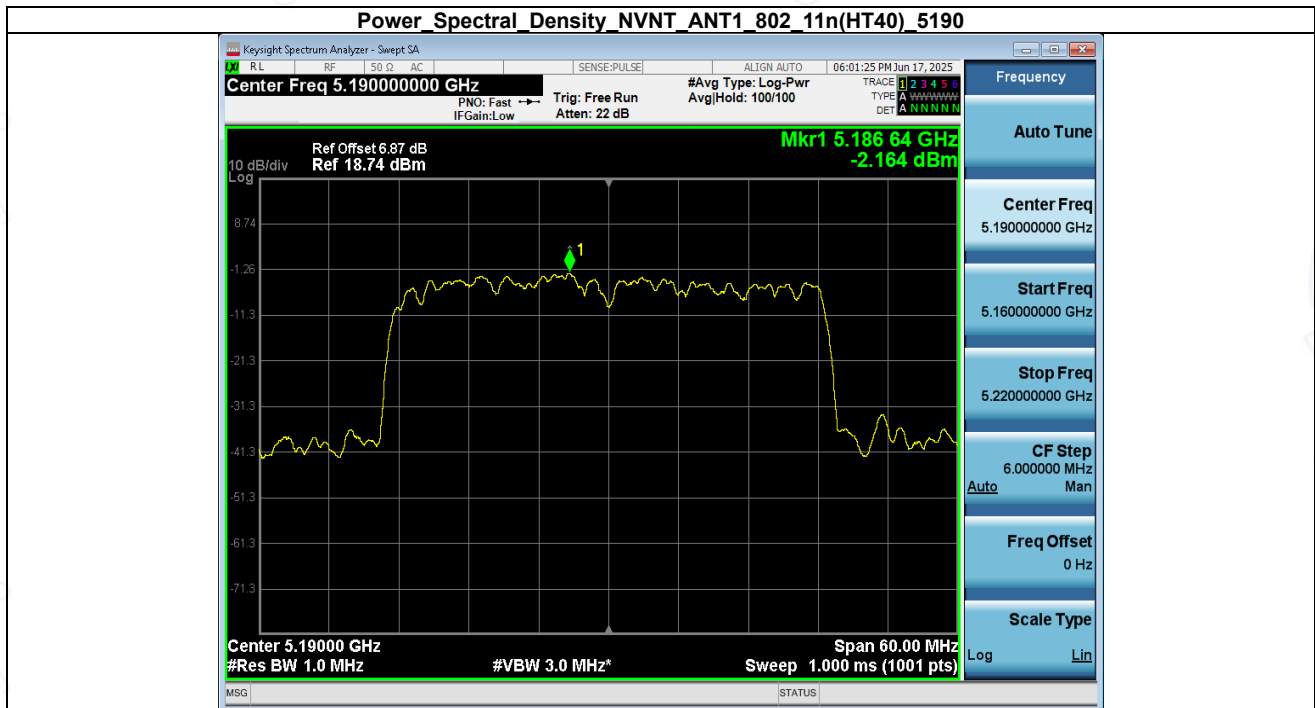
Power Spectral Density NVNT ANT1_802_11ax(HE20)_5180





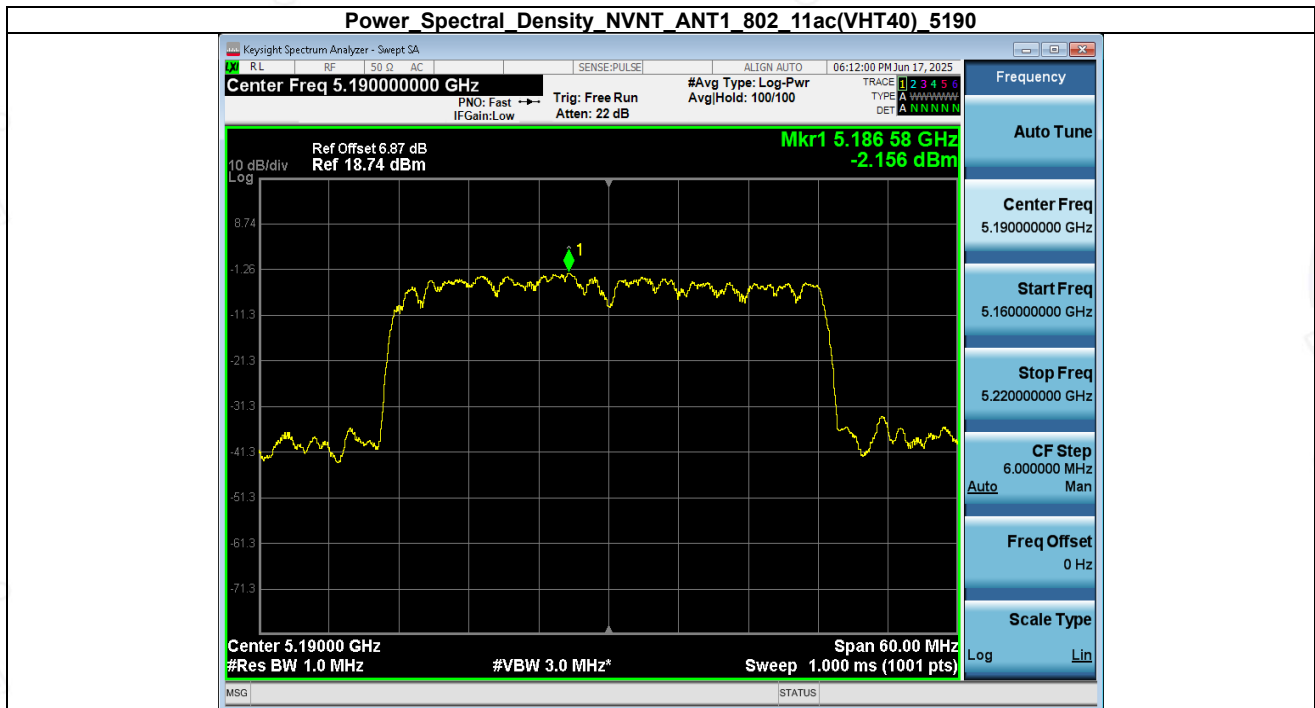
Power Spectral Density_NVNT_ANT1_802_11ax(HE20)_5240





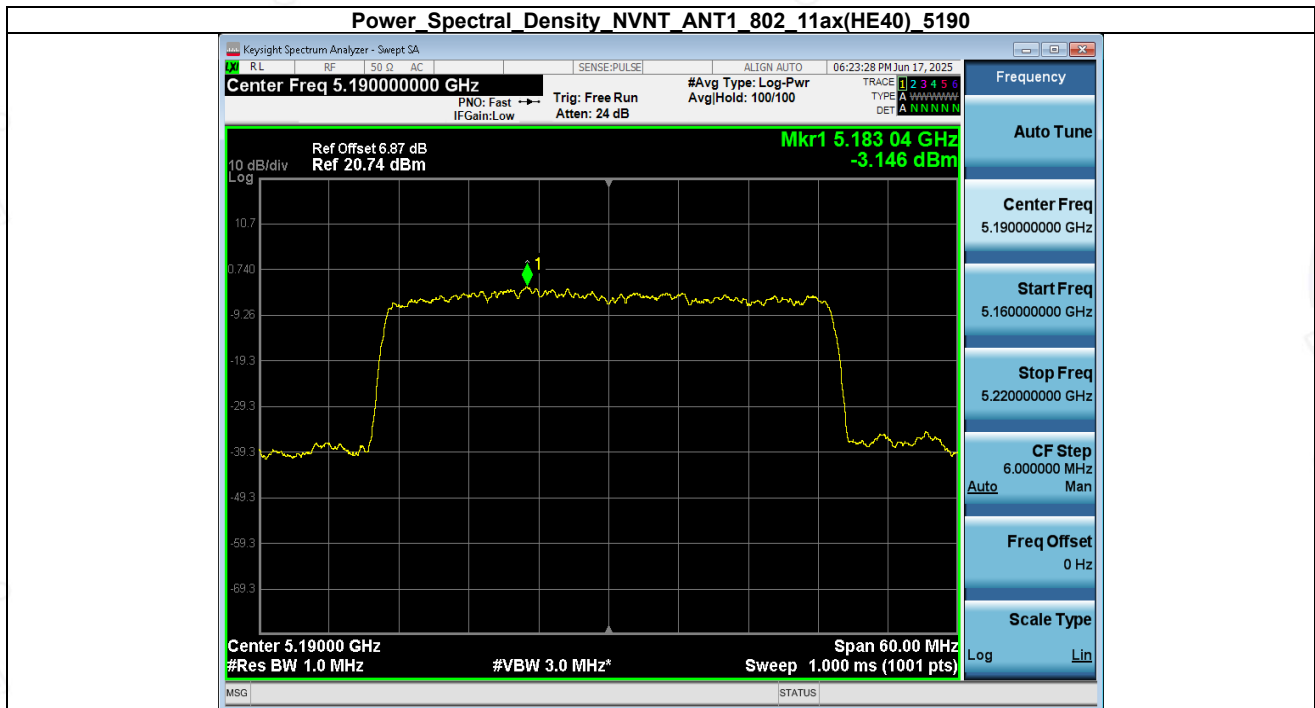
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5230





Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT40)_5230





Power Spectral Density_NVNT_ANT1_802_11ax(HE40)_5230

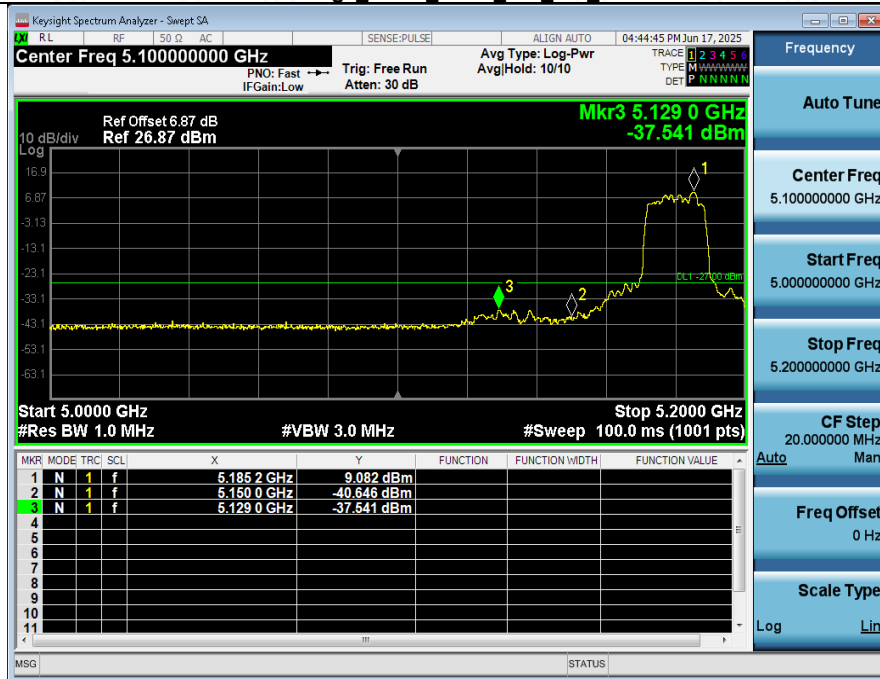




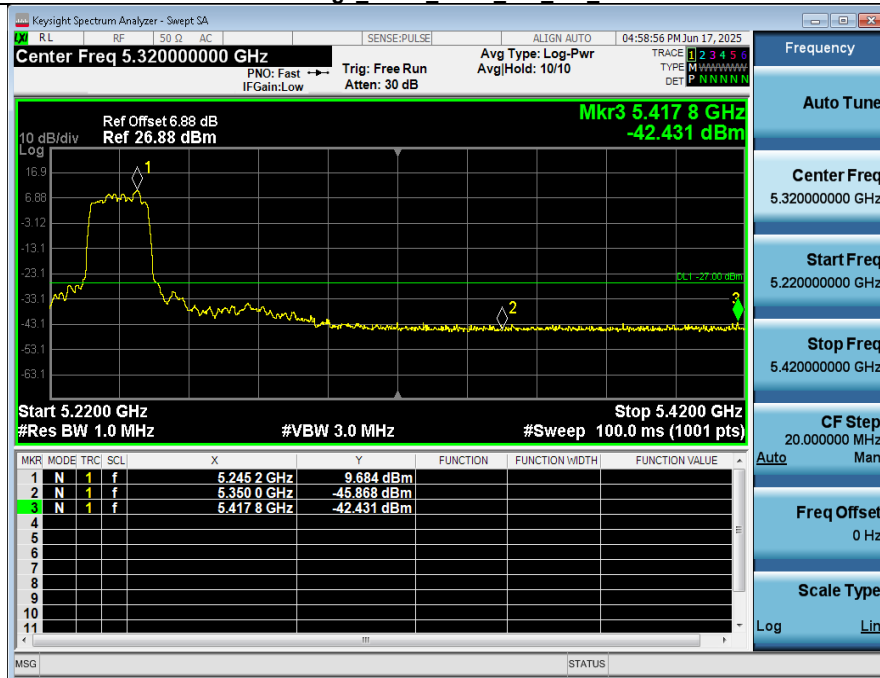
5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	5129.00	-37.54	-27	Pass
NVNT	ANT1	802.11a	5240.00	5417.80	-42.43	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	5146.20	-38.38	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	5383.60	-42.99	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	5146.00	-39.42	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	5402.00	-43.22	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	5148.40	-37.62	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	5405.40	-43.58	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	5148.68	-33.52	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	5414.54	-43.06	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	5148.68	-34.34	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	5406.35	-42.31	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	5149.31	-30.93	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	5410.97	-43.15	-27	Pass

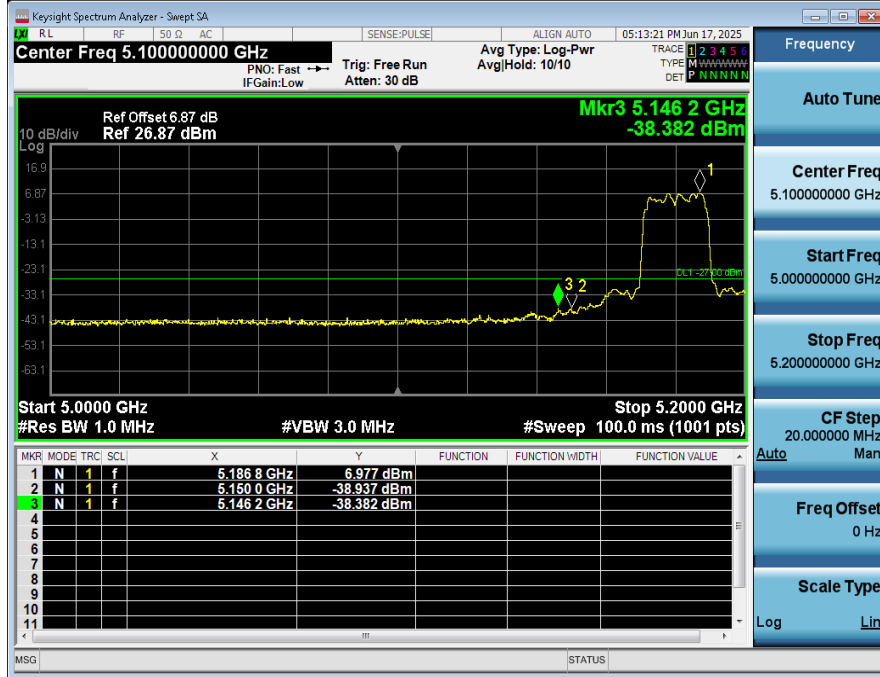
Bandedge_NVNT_ANT1_802_11a_5180



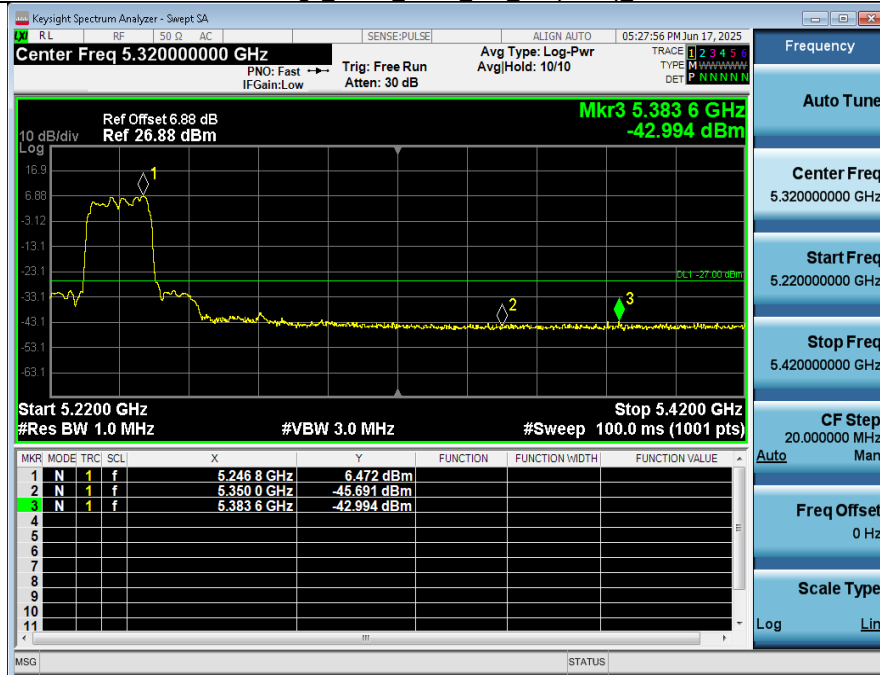
Bandedge_NVNT_ANT1_802_11a_5240



Bandedge_NVNT_ANT1_802_11n(HT20)_5180

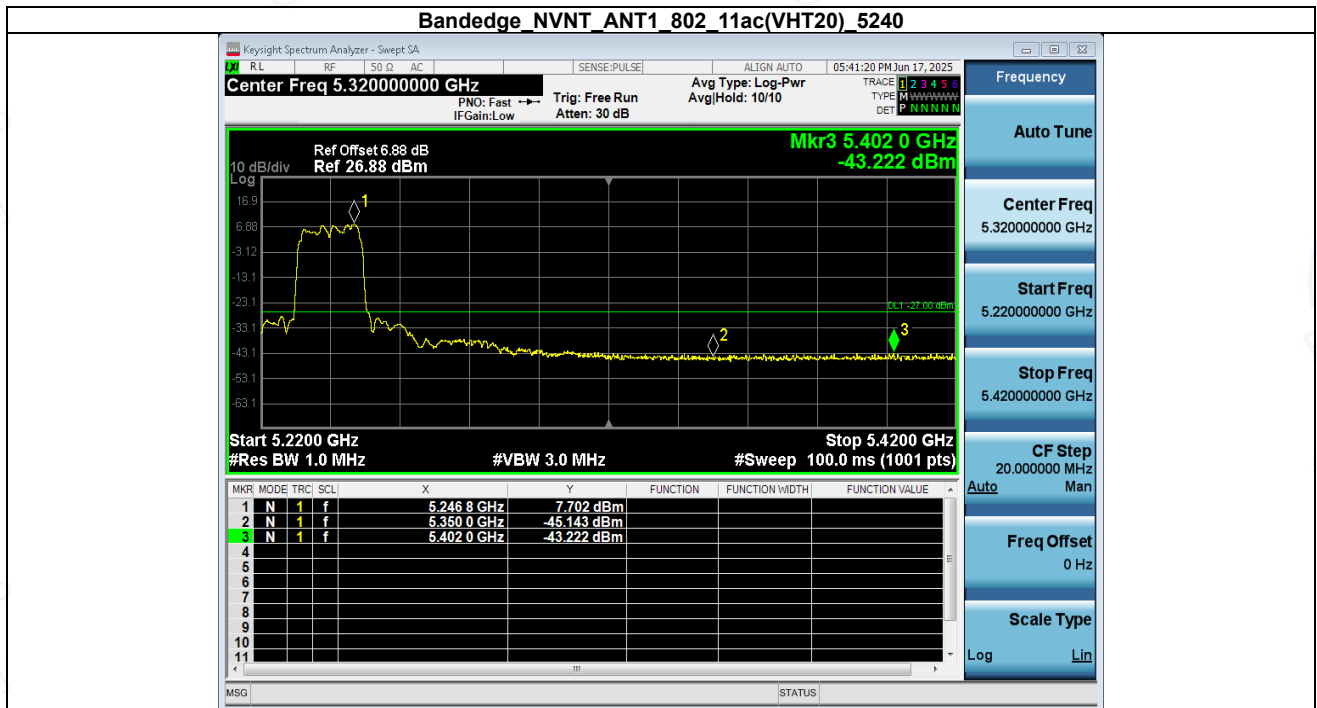
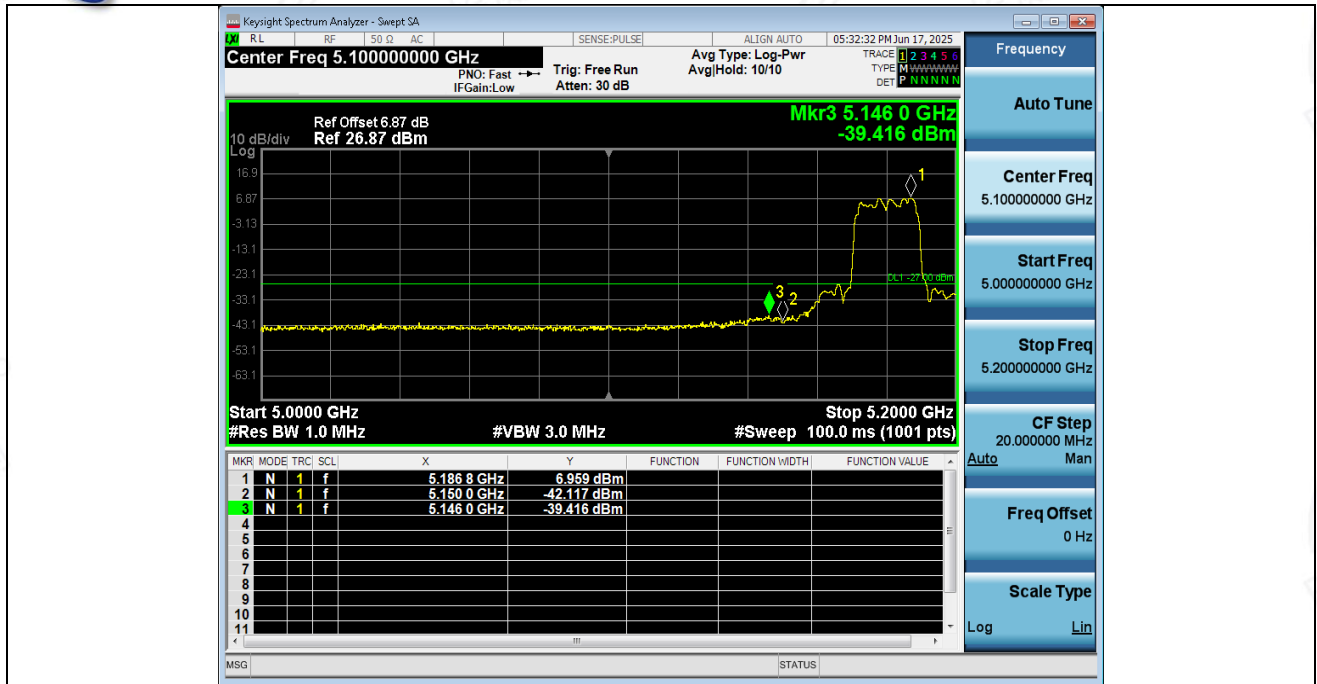


Bandedge_NVNT_ANT1_802_11n(HT20)_5240



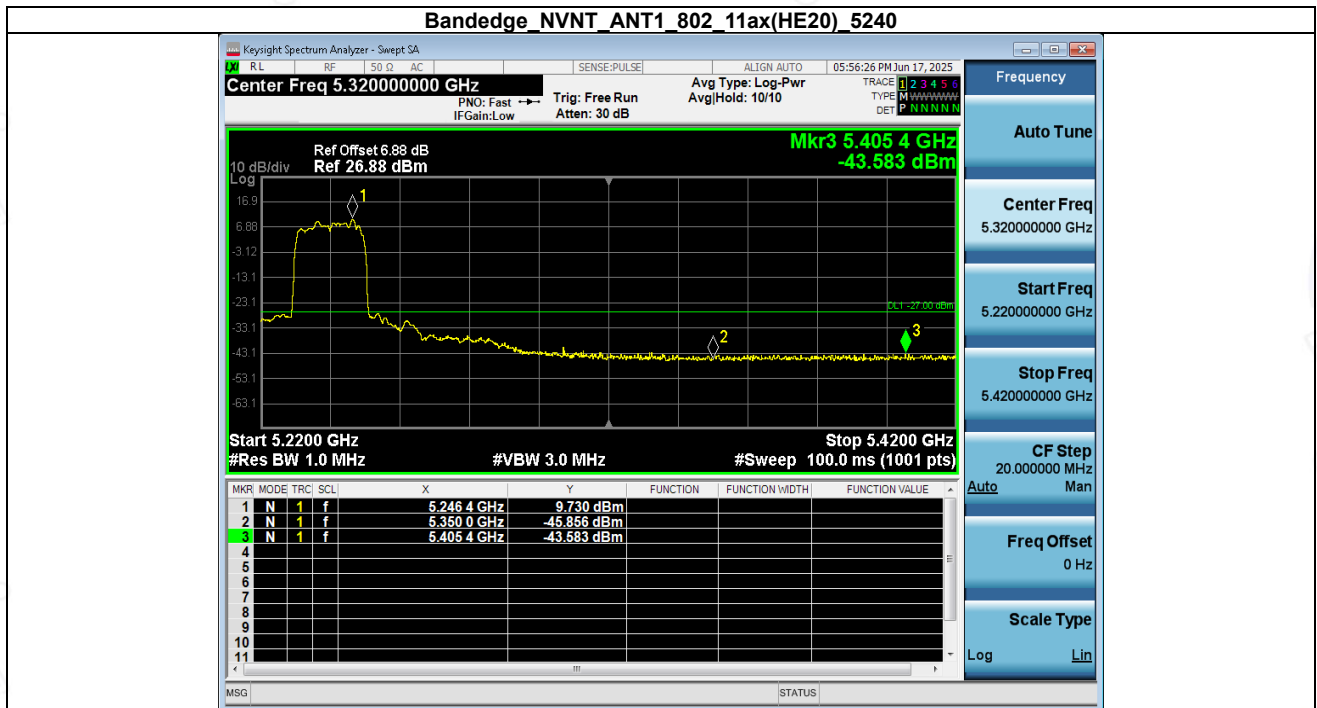
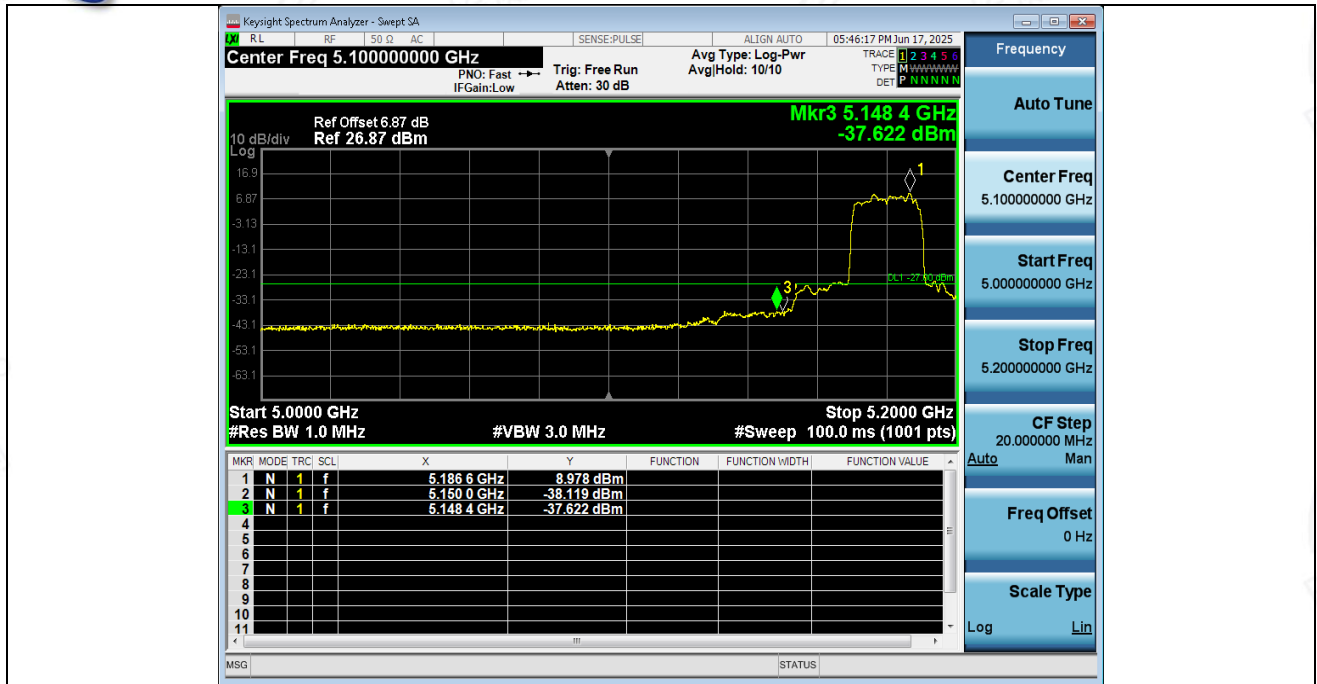
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5180





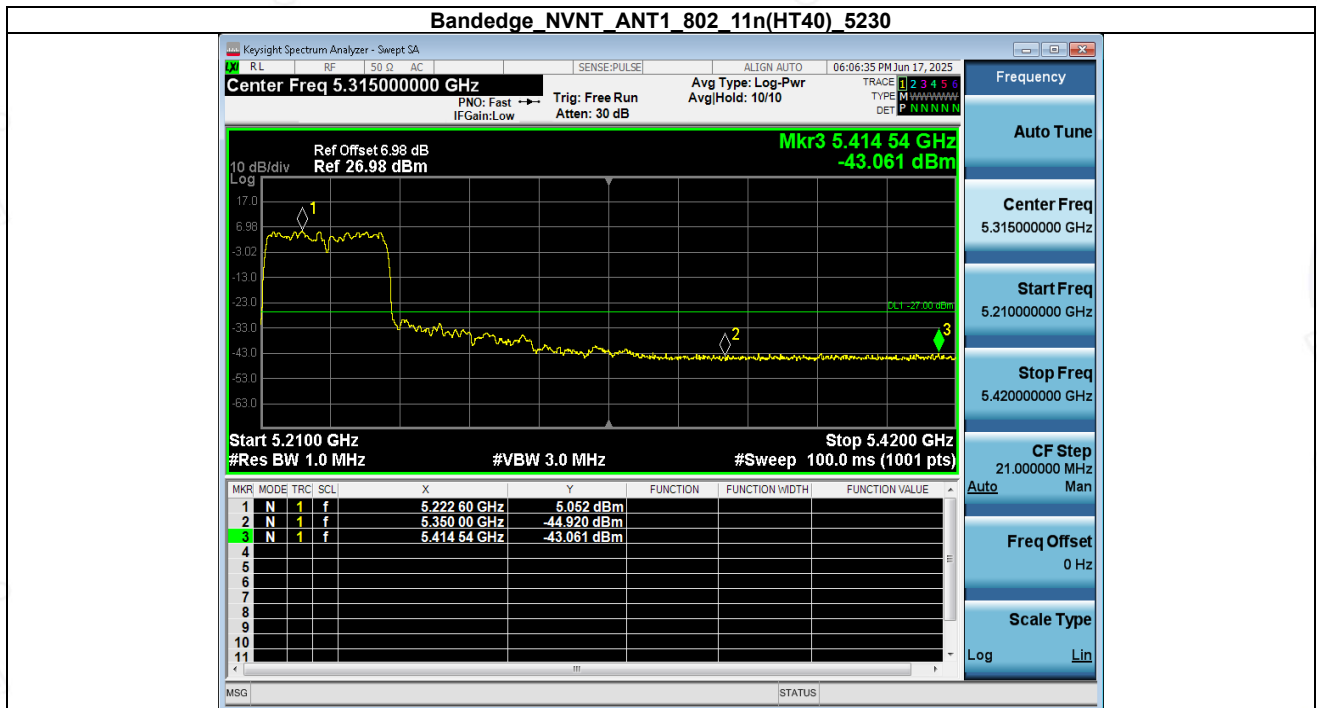
Bandedge_NVNT_ANT1_802_11ax(HE20)_5180





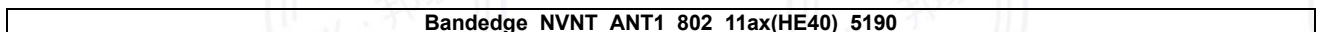
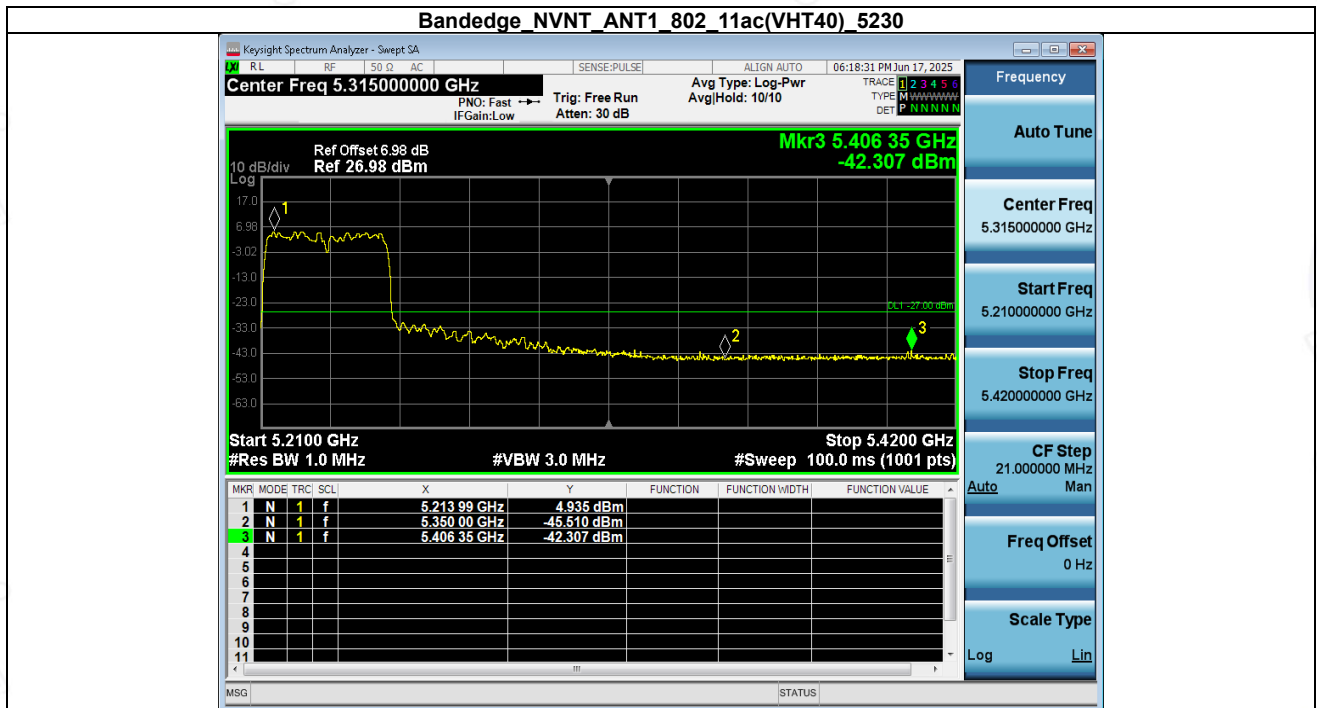
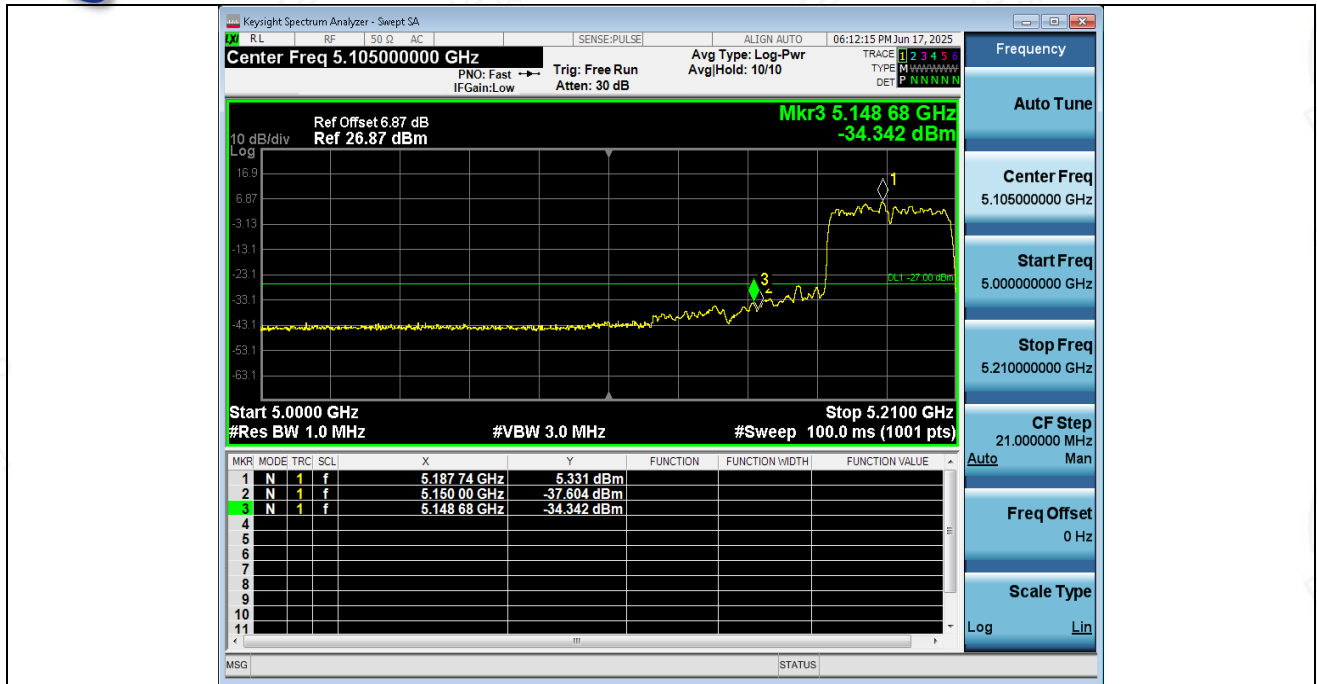
Bandedge_NVNT_ANT1_802_11n(HT40)_5190

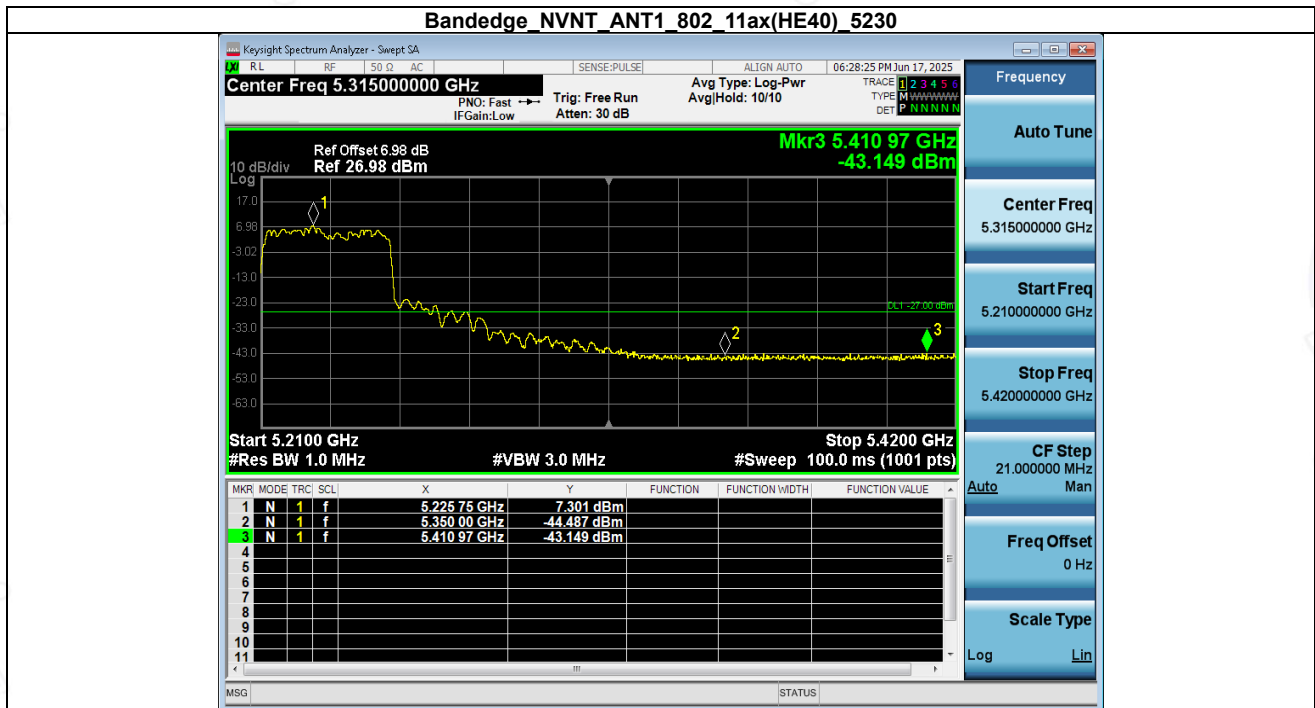
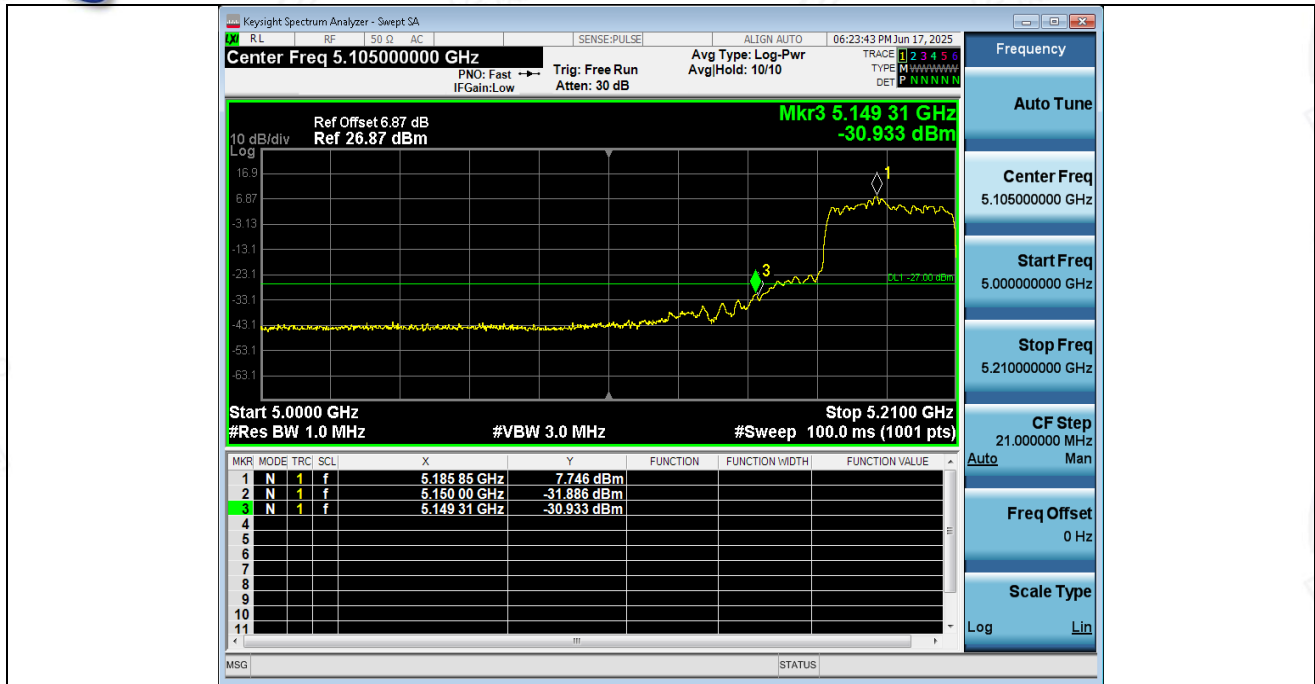




Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190

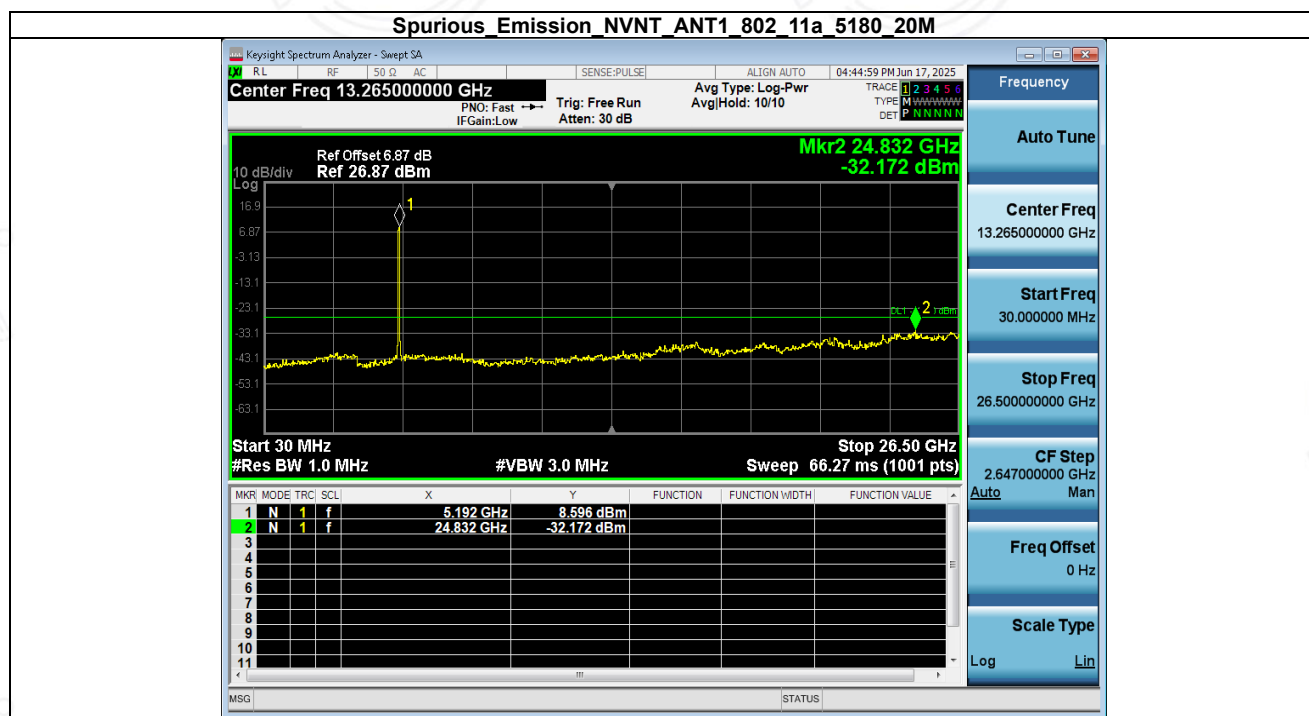






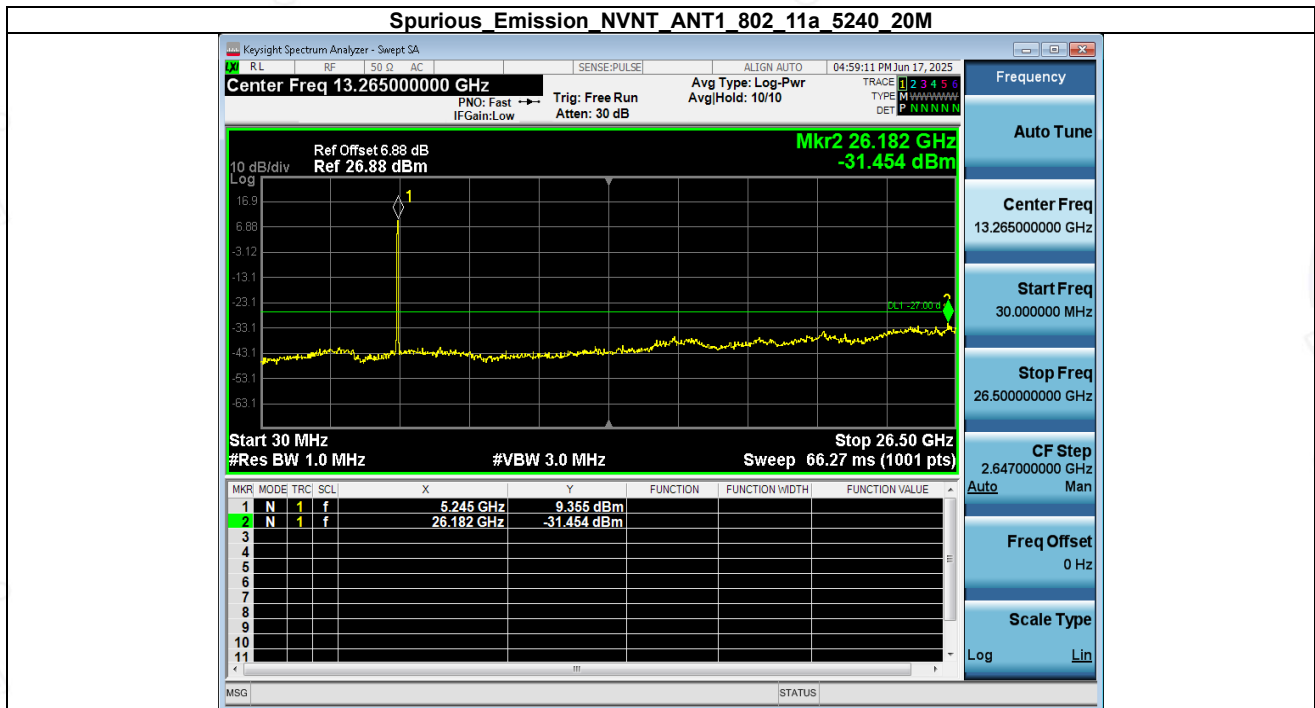
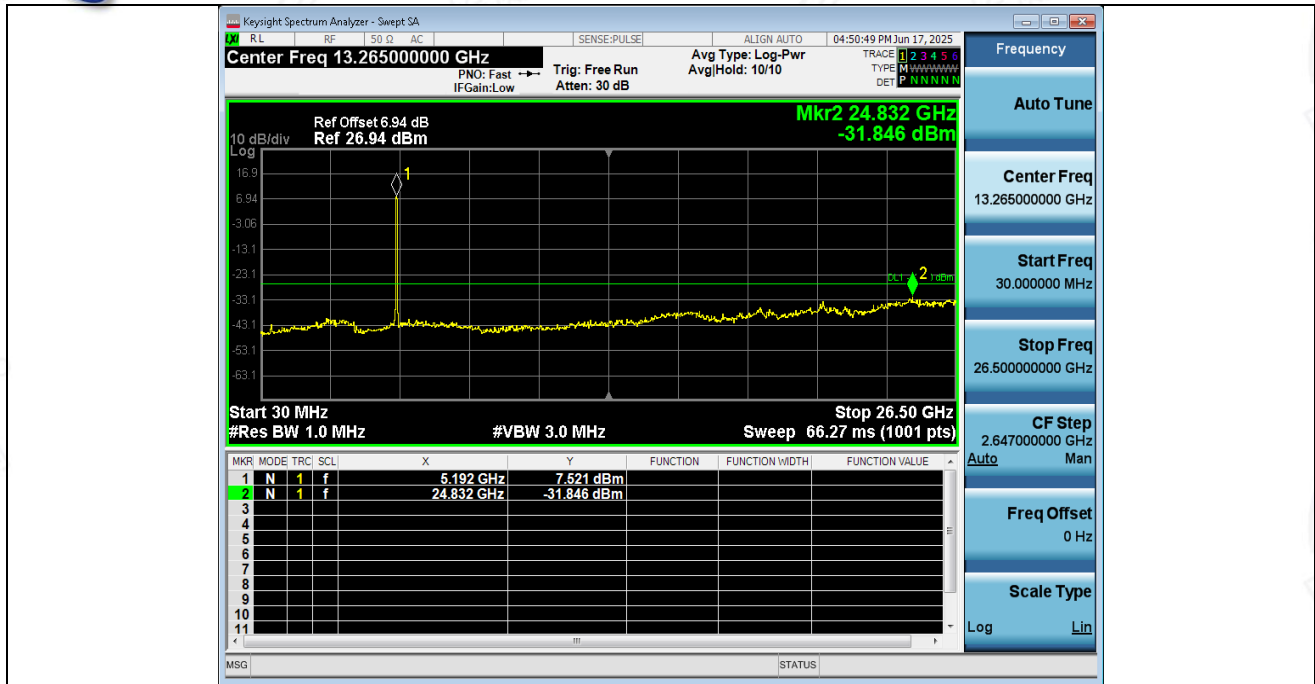
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	24832.39	-32.17	-27	Pass
NVNT	ANT1	802.11a	5200.00	24832.39	-31.85	-27	Pass
NVNT	ANT1	802.11a	5240.00	26182.36	-31.45	-27	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	26182.36	-31.78	-27	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	24858.86	-32.33	-27	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	24752.98	-32.92	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	26208.83	-31.83	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	24938.27	-31.98	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	26208.83	-31.39	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	24805.92	-32.13	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	24885.33	-31.39	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	26208.83	-32.05	-27	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	26182.36	-31.79	-27	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	26208.83	-31.83	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	26235.30	-32.20	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	24647.10	-31.38	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	26208.83	-32.03	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	26182.36	-32.03	-27	Pass



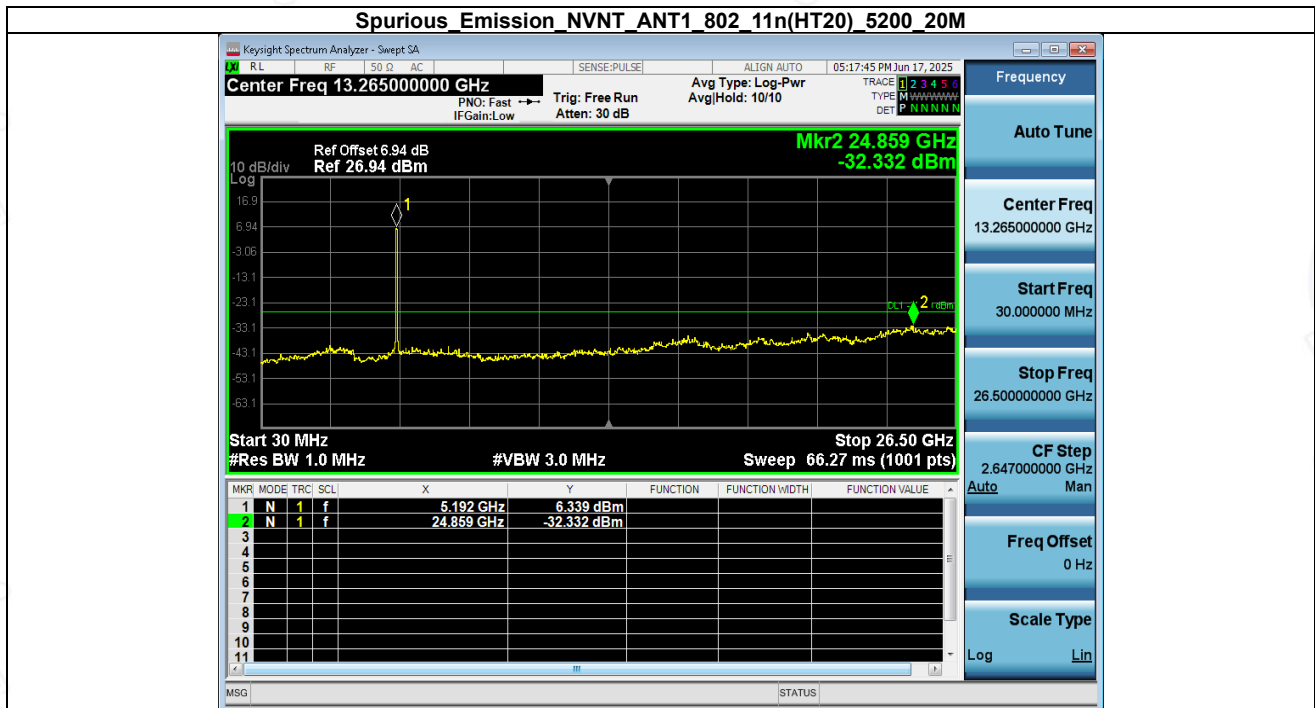
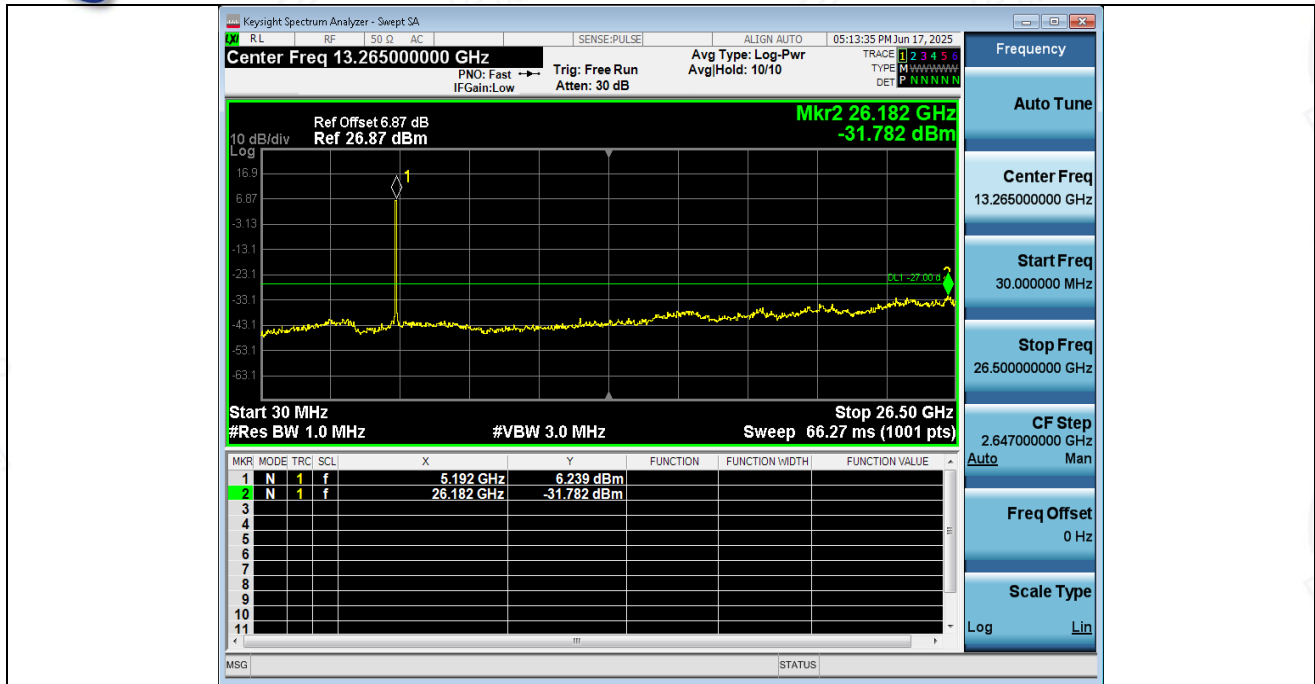
Spurious Emission_NVNT_ANT1_802_11a_5200_20M





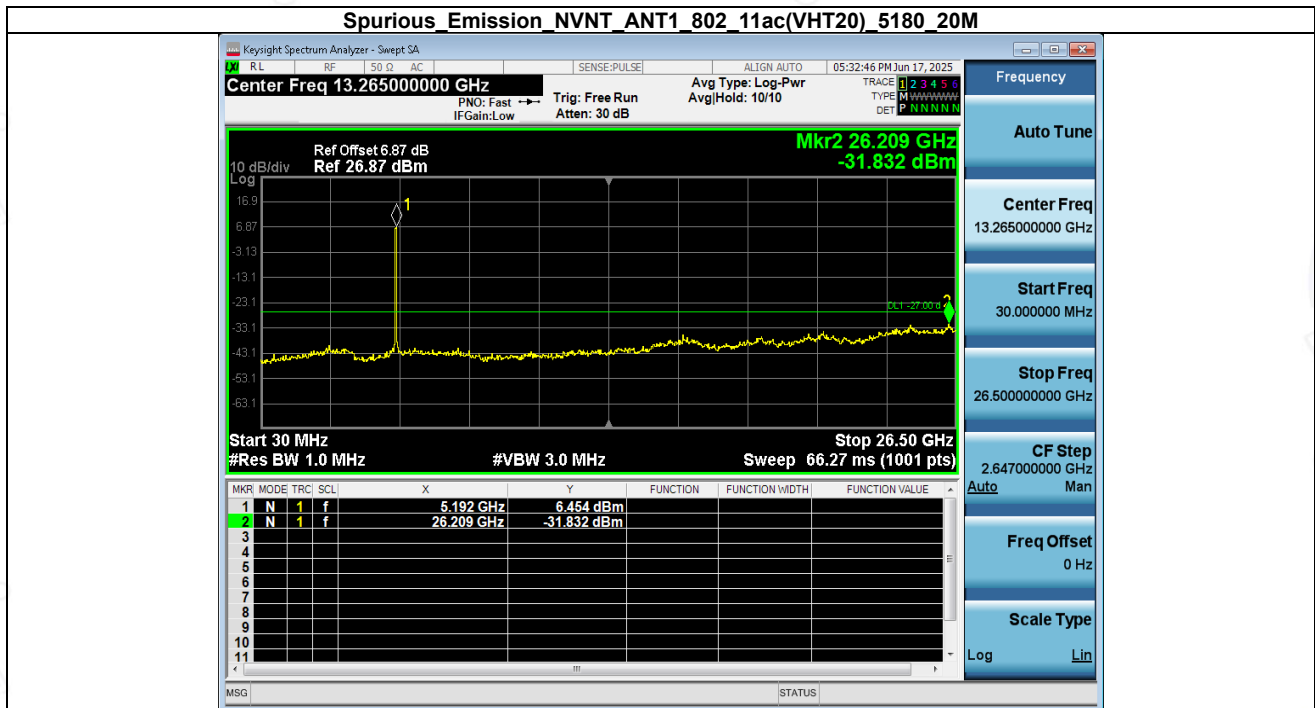
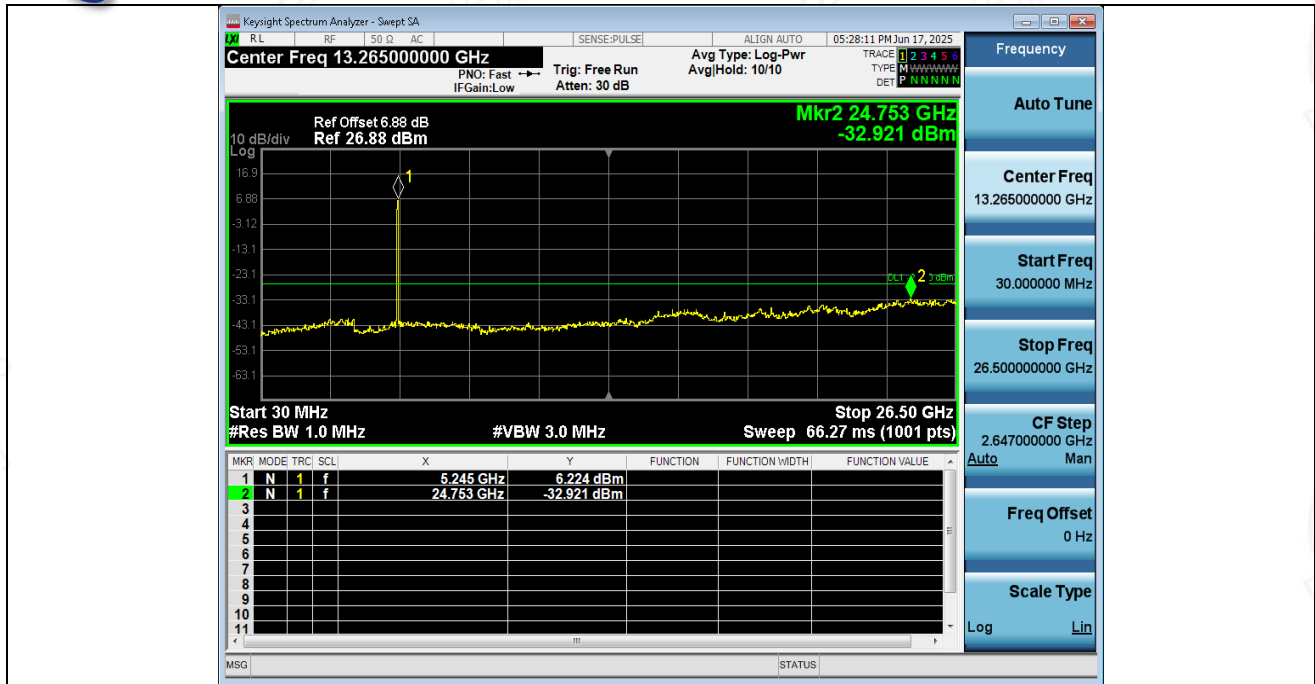
Spurious Emission_NVNT_ANT1_802_11n(HT20)_5180_20M





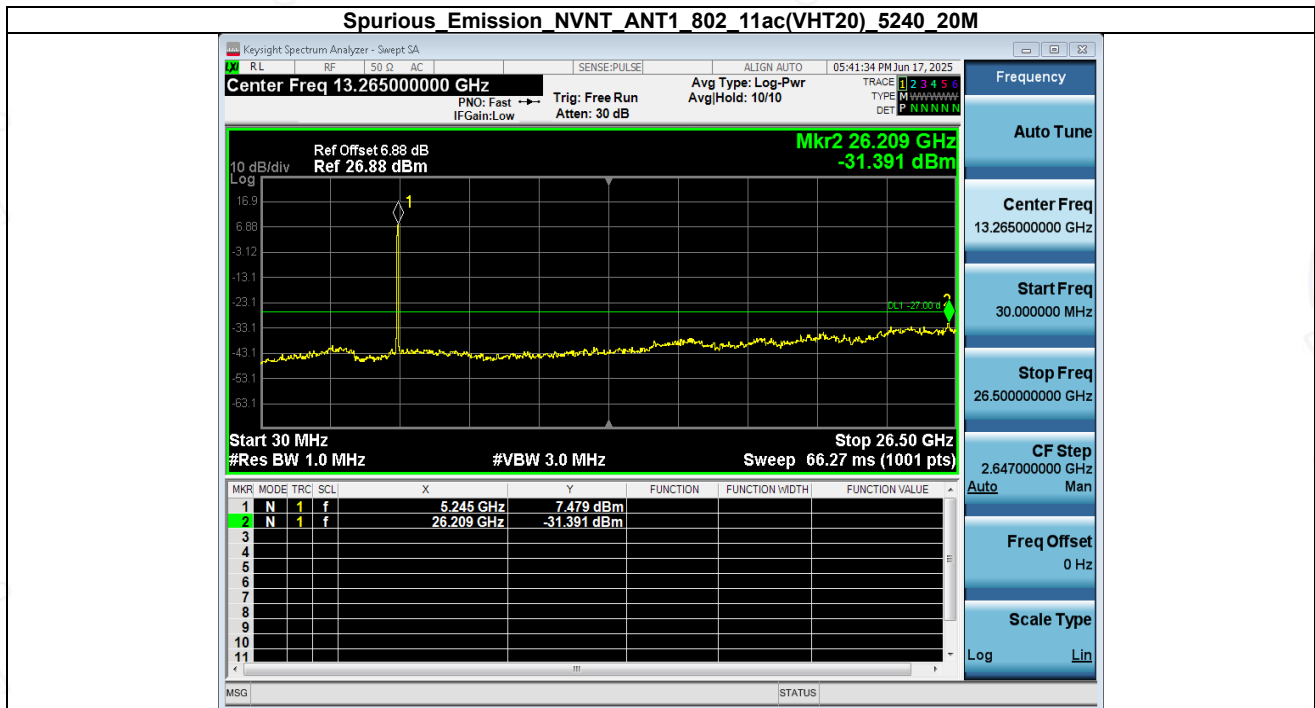
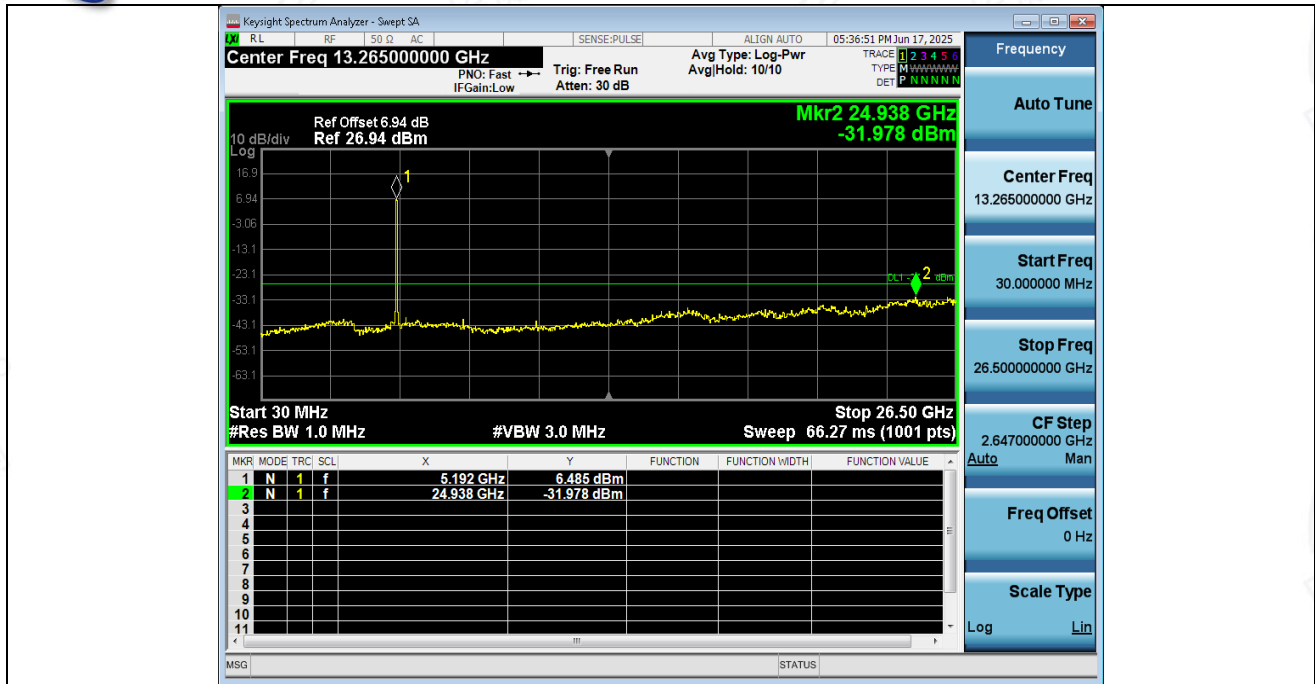
Spurious Emission_NVNT_ANT1_802_11n(HT20)_5240_20M

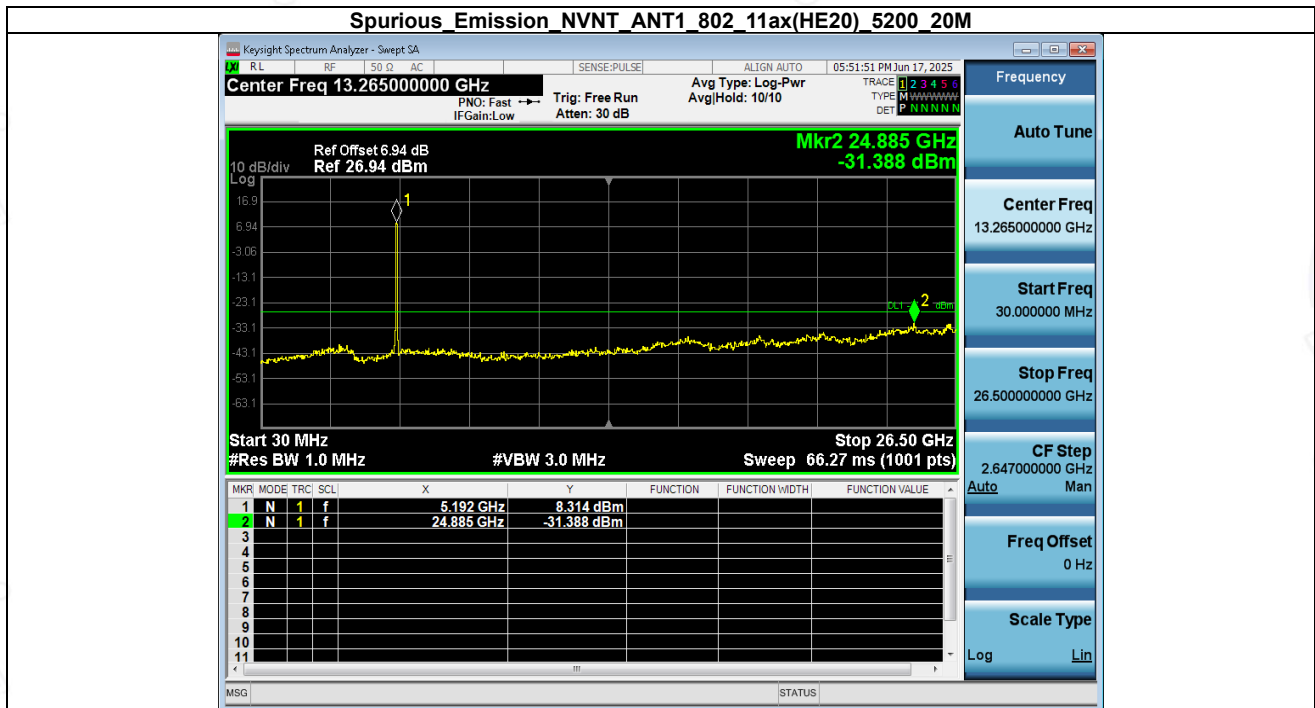
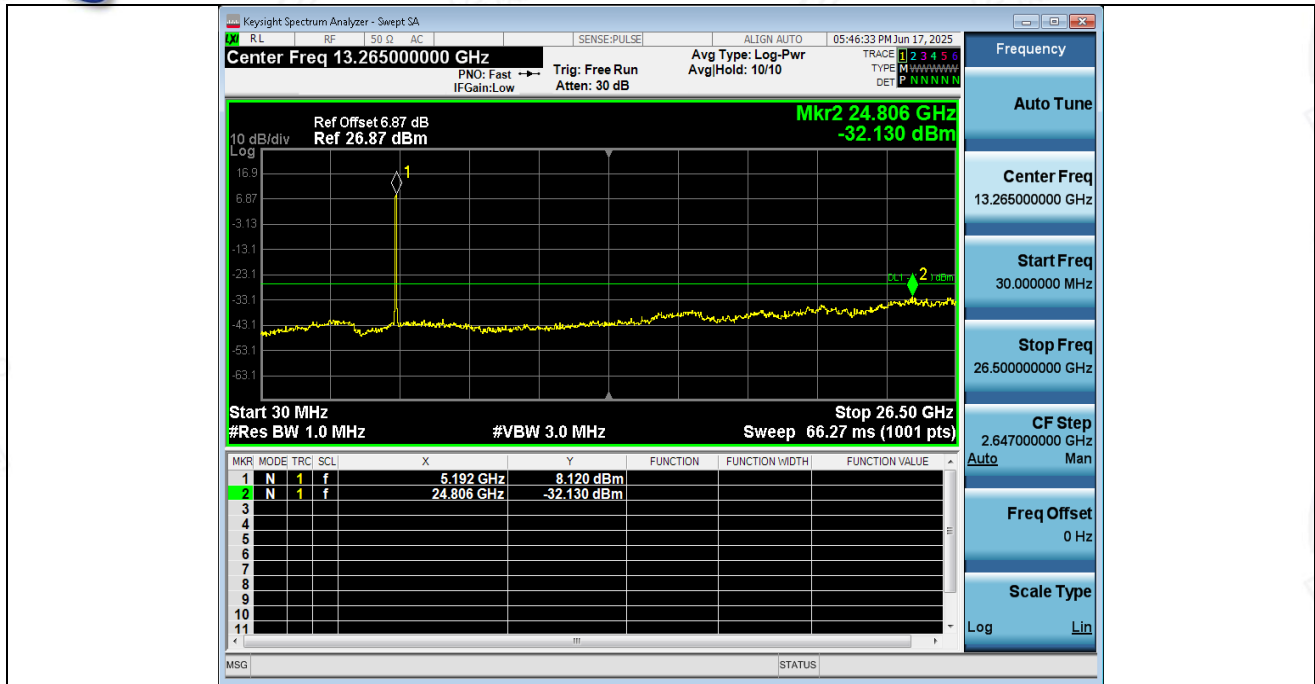




Spurious Emission NVNT_ANT1_802_11ac(VHT20)_5200_20M

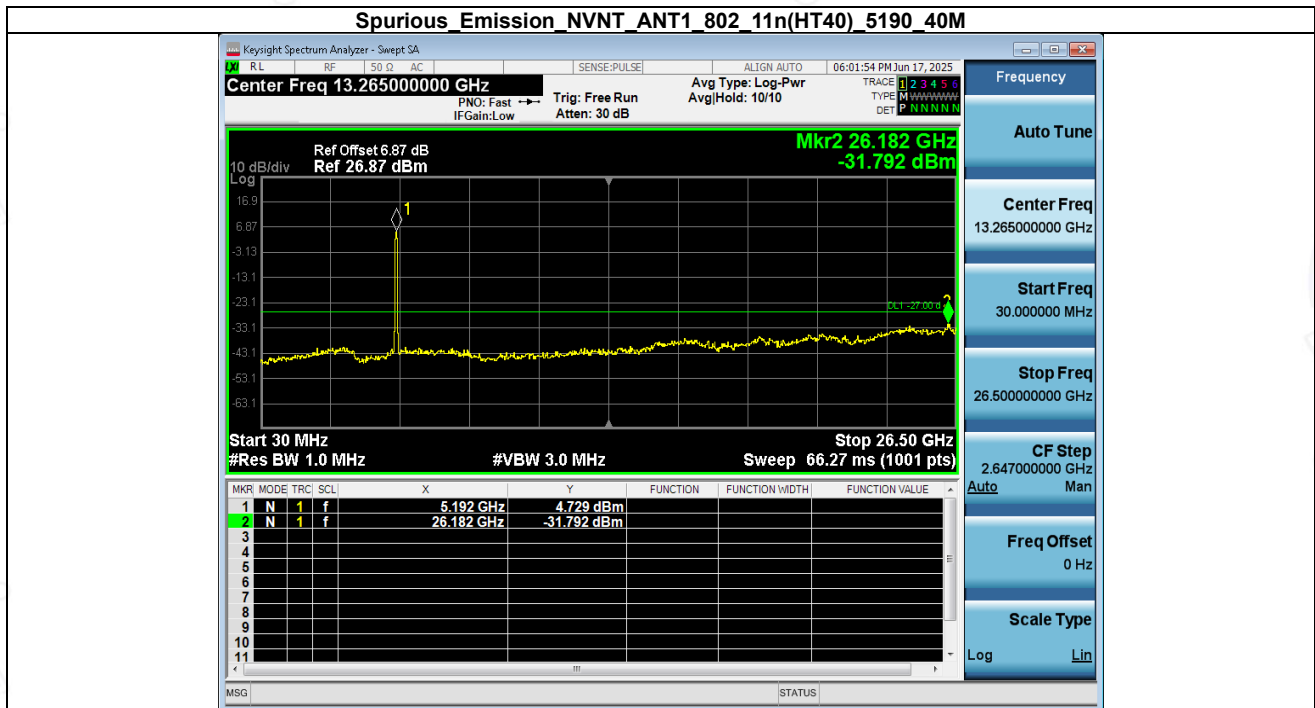
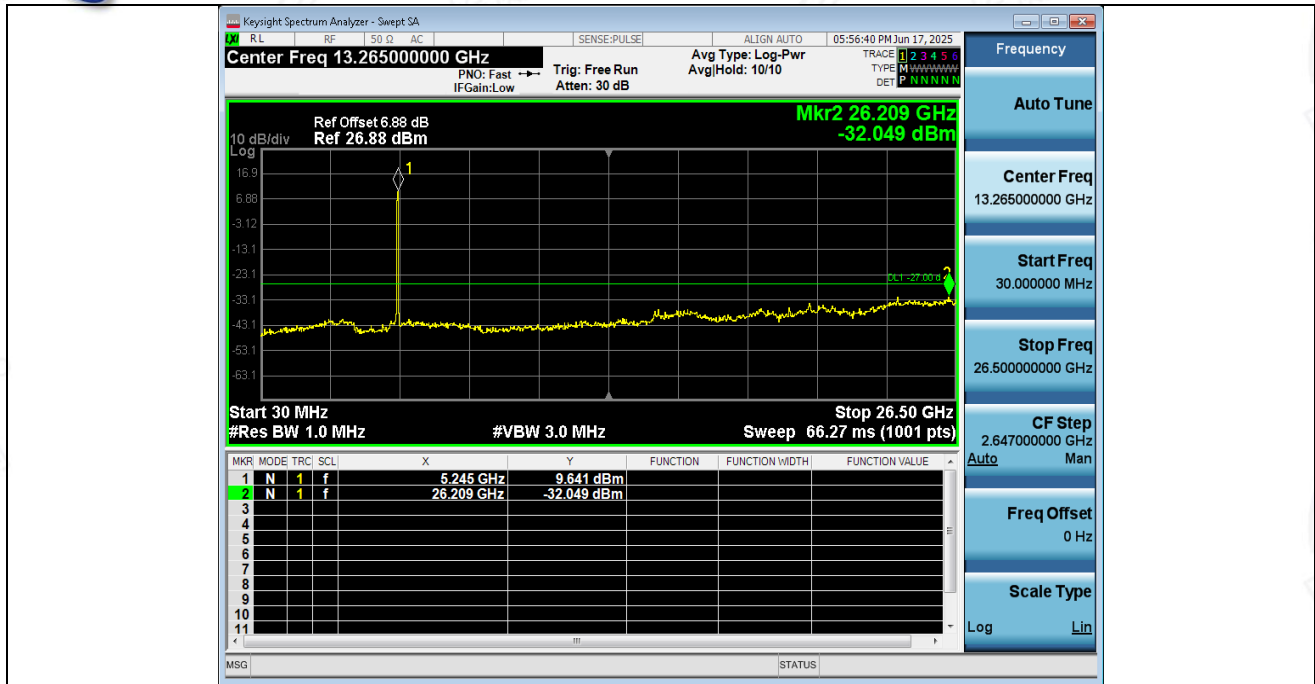


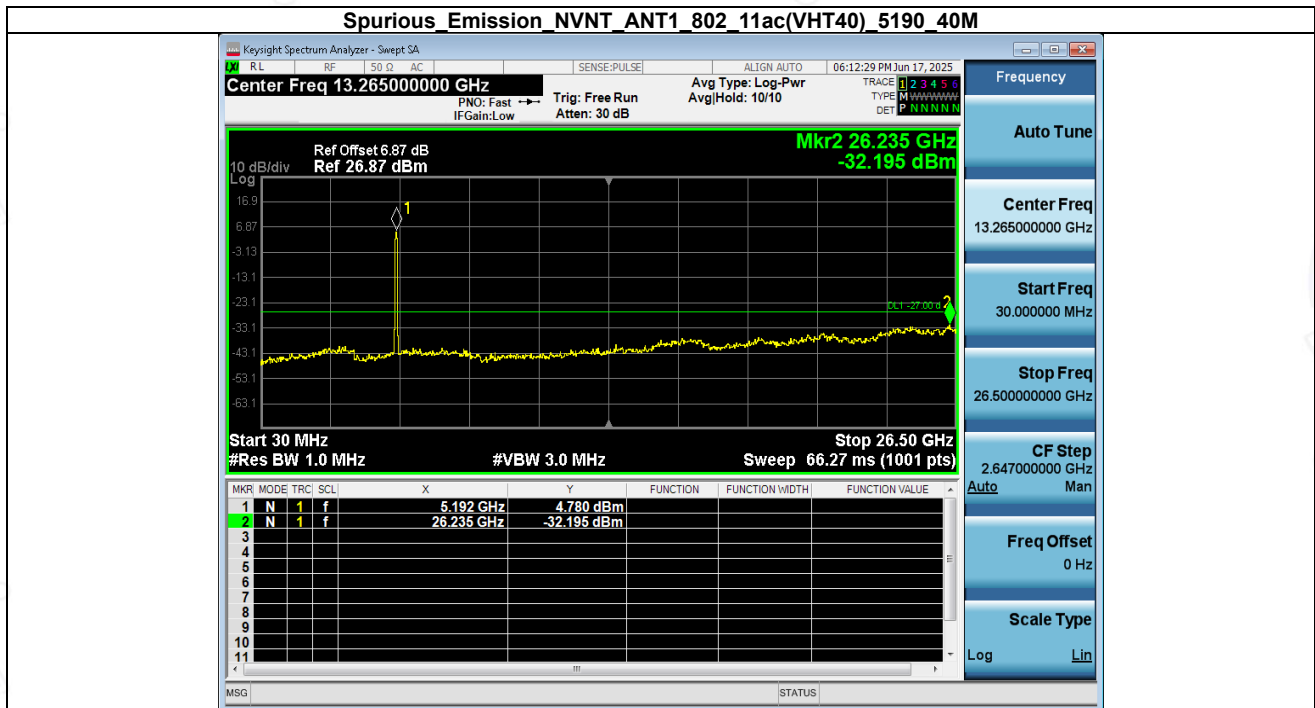
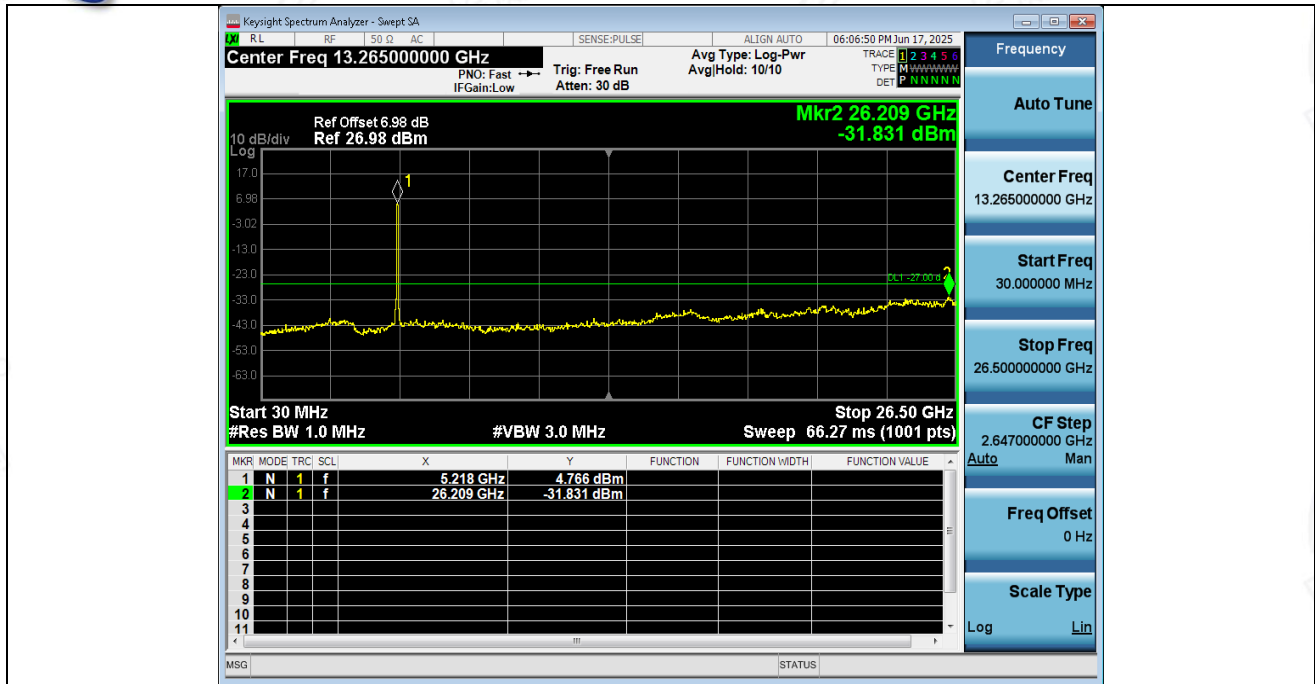




Spurious_Emission_NVNT_ANT1_802_11ax(HE20)_5240_20M

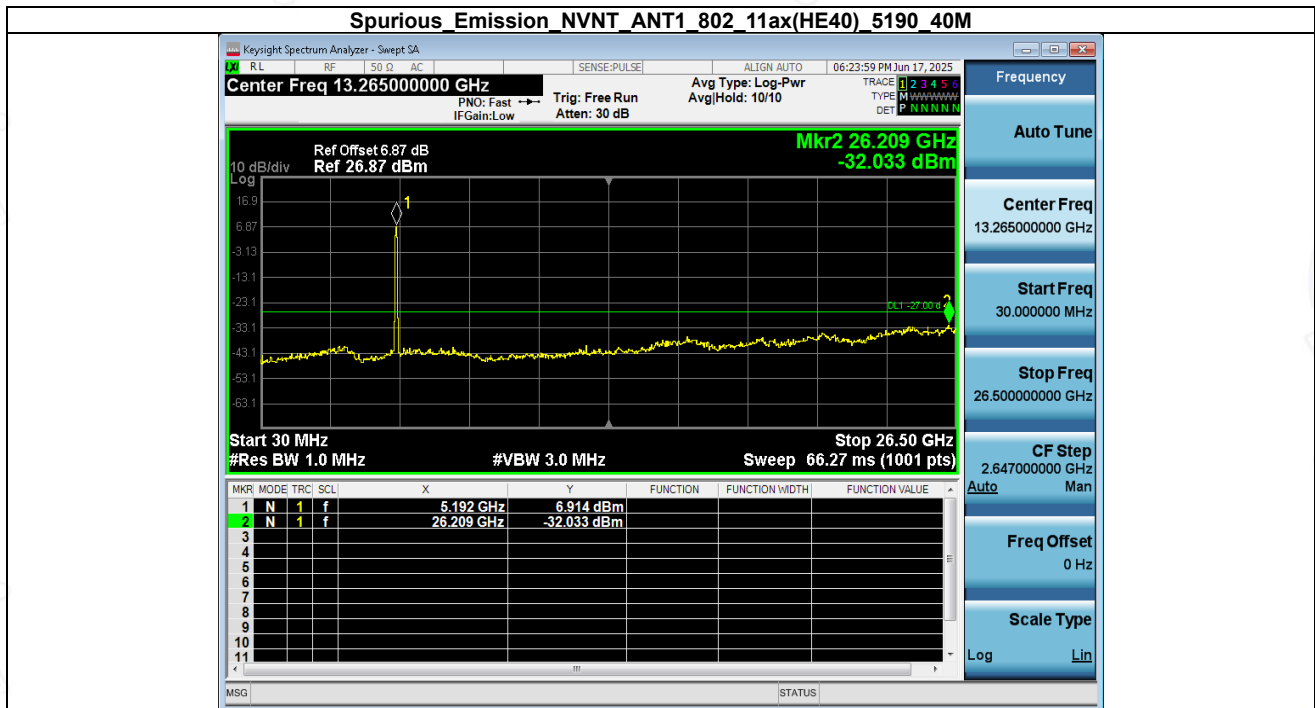
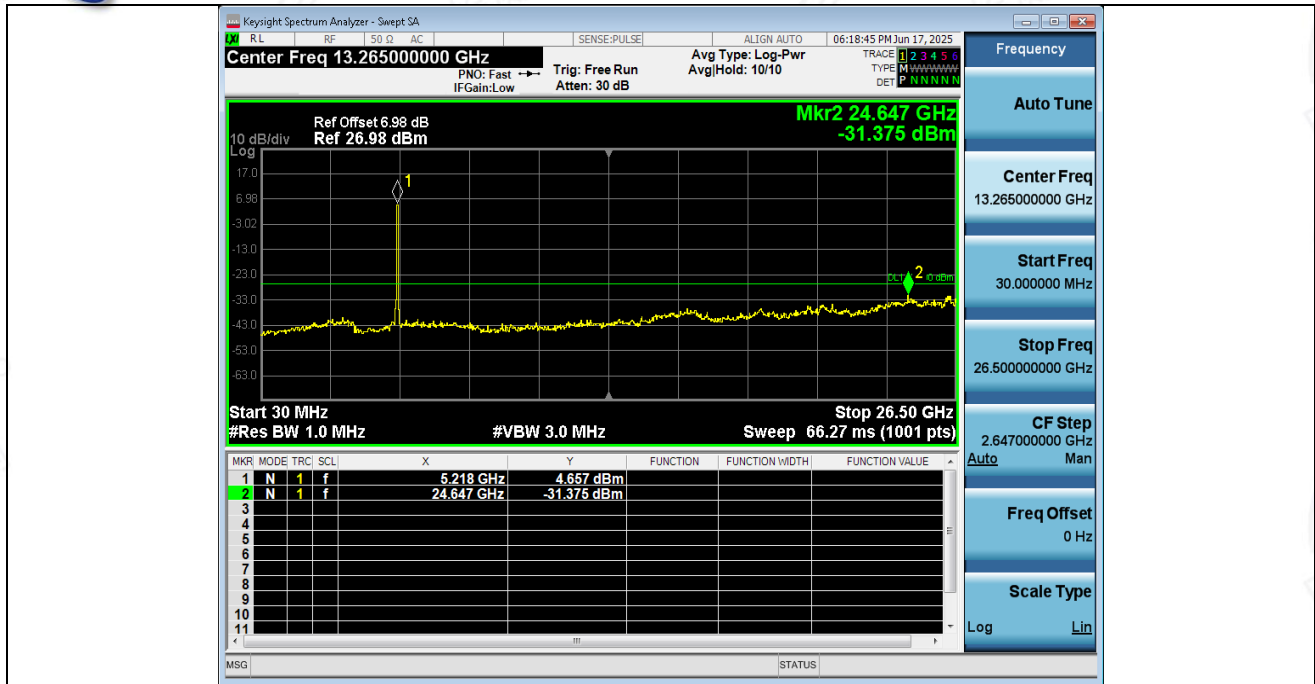






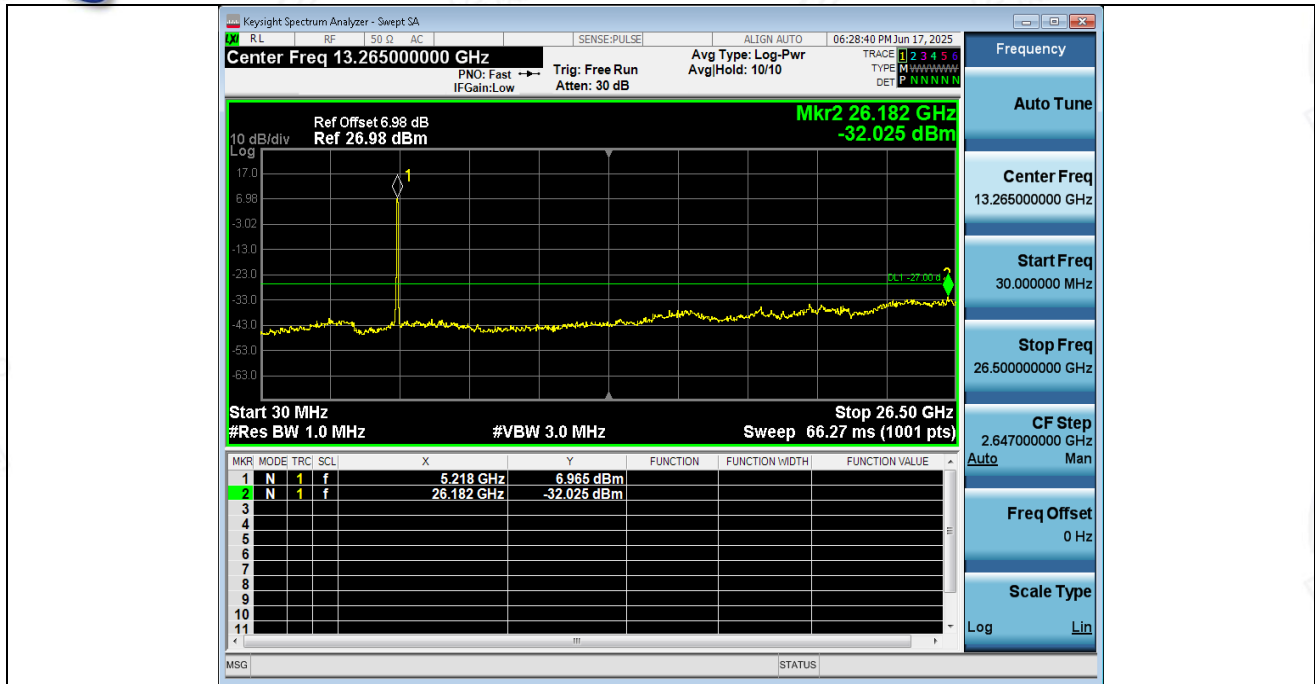
Spurious Emission NVNT_ANT1_802_11ac(VHT40) 5230_40M





Spurious_Emission_NVNT_ANT1_802_11ax(HE40)_5230_40M





7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fi(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&&3.80V	ANT1	802.11a	5180.00	5180.004	5171.780	5188.228	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5180.00	5180.018	5171.876	5188.160	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5180.00	5180.018	5171.936	5188.100	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5180.028	5172.000	5188.056	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5180.00	5180.030	5172.052	5188.008	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5180.00	5180.038	5172.112	5187.964	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5180.00	5180.038	5172.160	5187.916	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5180.00	5180.046	5172.220	5187.872	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5180.00	5180.040	5172.268	5187.812	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5180.046	5172.328	5187.764	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5180.00	5180.046	5172.380	5187.712	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11a	5200.00	5200.026	5191.784	5208.268	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5200.00	5200.024	5191.856	5208.192	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5200.00	5200.024	5191.912	5208.136	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.022	5191.956	5208.088	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5200.00	5200.022	5192.000	5208.044	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5200.00	5200.020	5192.040	5208.000	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5200.00	5200.018	5192.080	5207.956	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5200.00	5200.012	5192.116	5207.908	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5200.00	5200.006	5192.156	5207.856	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.000	5192.196	5207.804	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5200.00	5199.996	5192.236	5207.756	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11a	5240.00	5240.032	5231.808	5248.256	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5240.00	5240.052	5231.908	5248.196	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5240.00	5240.050	5231.964	5248.136	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5240.064	5232.032	5248.096	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5240.00	5240.066	5232.084	5248.048	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5240.00	5240.078	5232.144	5248.012	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5240.00	5240.080	5232.192	5247.968	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5240.00	5240.092	5232.256	5247.928	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5240.00	5240.090	5232.304	5247.876	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5240.100	5232.368	5247.832	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5240.00	5240.098	5232.420	5247.776	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.002	5171.168	5188.836	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.020	5171.272	5188.768	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.018	5171.336	5188.700	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.032	5171.408	5188.656	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.032	5171.464	5188.600	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.044	5171.528	5188.560	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.042	5171.580	5188.504	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.056	5171.648	5188.464	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5180.00	5180.056	5171.700	5188.412	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.070	5171.768	5188.372	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5180.00	5180.074	5171.828	5188.320	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.002	5191.148	5208.856	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.224	5208.776	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.280	5208.720	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.332	5208.668	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.002	5191.380	5208.624	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.424	5208.576	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.468	5208.532	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.512	5208.488	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5200.00	5199.998	5191.552	5208.444	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.596	5208.404	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5200.00	5199.998	5191.640	5208.356	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.030	5231.192	5248.868	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.052	5231.300	5248.804	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.052	5231.364	5248.740	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.070	5231.440	5248.700	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.068	5231.492	5248.644	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.084	5231.560	5248.608	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.086	5231.612	5248.560	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.100	5231.680	5248.520	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5240.00	5240.102	5231.732	5248.472	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5240.122	5231.808	5248.436	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5240.00	5240.128	5231.868	5248.388	5150~5250	Pass

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55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.030	5171.192	5188.868	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.046	5171.296	5188.796	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.046	5171.360	5188.732	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.058	5171.432	5188.684	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.056	5171.484	5188.628	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.070	5171.552	5188.588	5150~5250	Pass



-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.068	5171.604	5188.532	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.080	5171.668	5188.492	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5180.00	5180.080	5171.720	5188.440	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.094	5171.788	5188.400	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5180.00	5180.102	5171.852	5188.352	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.168	5208.888	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.248	5208.808	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.304	5208.752	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.356	5208.700	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.026	5191.400	5208.652	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.448	5208.608	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.028	5191.492	5208.564	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.026	5191.532	5208.520	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5200.00	5200.024	5191.576	5208.472	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.022	5191.616	5208.428	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5200.00	5200.022	5191.660	5208.384	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.030	5231.192	5248.868	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.054	5231.300	5248.808	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.052	5231.364	5248.740	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.068	5231.436	5248.700	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.070	5231.492	5248.648	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.086	5231.564	5248.608	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.086	5231.616	5248.556	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.102	5231.684	5248.520	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5240.00	5240.104	5231.736	5248.472	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5240.122	5231.812	5248.432	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5240.00	5240.130	5231.876	5248.384	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.028	5170.496	5189.560	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.048	5170.600	5189.496	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.040	5170.656	5189.424	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.056	5170.728	5189.384	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.048	5170.780	5189.316	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.068	5170.872	5189.264	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.072	5170.960	5189.184	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.102	5171.088	5189.116	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE20)	5180.00	5180.086	5171.156	5189.016	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.086	5171.228	5188.944	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE20)	5180.00	5180.068	5171.280	5188.856	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.032	5190.480	5209.584	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.034	5190.556	5209.512	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.030	5190.608	5209.452	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.030	5190.656	5209.404	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.026	5190.696	5209.356	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.024	5190.744	5209.304	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.016	5190.788	5209.244	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.012	5190.840	5209.184	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE20)	5200.00	5200.006	5190.900	5209.112	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.016	5190.988	5209.044	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE20)	5200.00	5200.008	5191.064	5208.952	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.030	5230.496	5249.564	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.054	5230.604	5249.504	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.050	5230.660	5249.440	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.064	5230.732	5249.396	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.062	5230.784	5249.340	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.090	5230.880	5249.300	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.098	5230.968	5249.228	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.136	5231.100	5249.172	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE20)	5240.00	5240.122	5231.160	5249.084	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5240.130	5231.236	5249.024	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE20)	5240.00	5240.104	5231.288	5248.920	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.072	5171.936	5208.208	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.064	5172.056	5208.072	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.084	5172.192	5207.976	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.072	5172.296	5207.848	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.088	5172.440	5207.736	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.092	5172.576	5207.608	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.100	5172.720	5207.480	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.096	5172.848	5207.344	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5190.00	5190.120	5173.000	5207.240	5150~5250	Pass



25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.116	5173.120	5207.112	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5190.00	5190.144	5173.280	5207.008	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.056	5211.904	5248.208	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.052	5212.008	5248.096	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.056	5212.112	5248.000	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.192	5247.896	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.296	5247.792	5150~5250	Pass



5degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.032	5212.376	5247.688	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.036	5212.488	5247.584	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.032	5212.600	5247.464	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5230.00	5230.040	5212.704	5247.376	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.032	5212.800	5247.264	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5230.00	5230.044	5212.912	5247.176	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.100	5171.960	5208.240	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.096	5172.088	5208.104	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.108	5172.216	5208.000	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.104	5172.328	5207.880	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.116	5172.464	5207.768	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.116	5172.600	5207.632	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.128	5172.752	5207.504	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.128	5172.880	5207.376	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5190.00	5190.144	5173.024	5207.264	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.140	5173.144	5207.136	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5190.00	5190.172	5173.304	5207.040	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.084	5211.928	5248.240	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.076	5212.032	5248.120	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.084	5212.136	5248.032	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.072	5212.224	5247.920	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.072	5212.320	5247.824	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.060	5212.408	5247.712	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.068	5212.520	5247.616	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.056	5212.624	5247.488	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5230.00	5230.064	5212.736	5247.392	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.056	5212.824	5247.288	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5230.00	5230.064	5212.936	5247.192	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.044	5171.080	5209.008	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.028	5171.232	5208.824	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.052	5171.384	5208.720	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.040	5171.504	5208.576	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.064	5171.712	5208.416	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.072	5171.856	5208.288	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.124	5172.040	5208.208	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.144	5172.184	5208.104	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE40)	5190.00	5190.184	5172.376	5207.992	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.172	5172.536	5207.808	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE40)	5190.00	5190.188	5172.712	5207.664	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.020	5211.040	5249.000	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5229.996	5211.160	5248.832	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.012	5211.296	5248.728	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5229.996	5211.384	5248.608	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5229.976	5211.496	5248.456	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5229.976	5211.632	5248.320	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.008	5211.768	5248.248	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.024	5211.888	5248.160	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE40)	5230.00	5230.048	5212.024	5248.072	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.032	5212.136	5247.928	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE40)	5230.00	5230.028	5212.264	5247.792	5150~5250	Pass

