

Report No.:NCT26023379XE1-3

FCC ID:2BC96NB-HPS01-W02

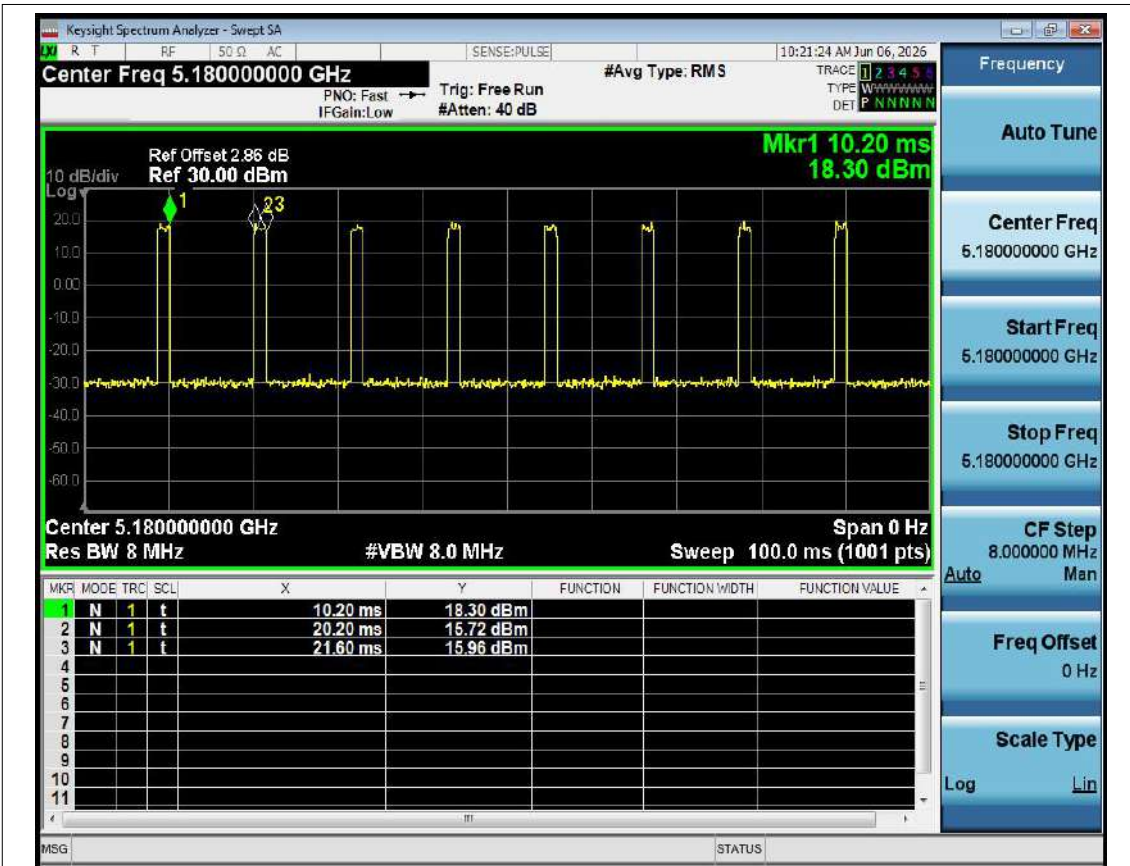
Wifi 5.2G Appendix data

RF Test Data

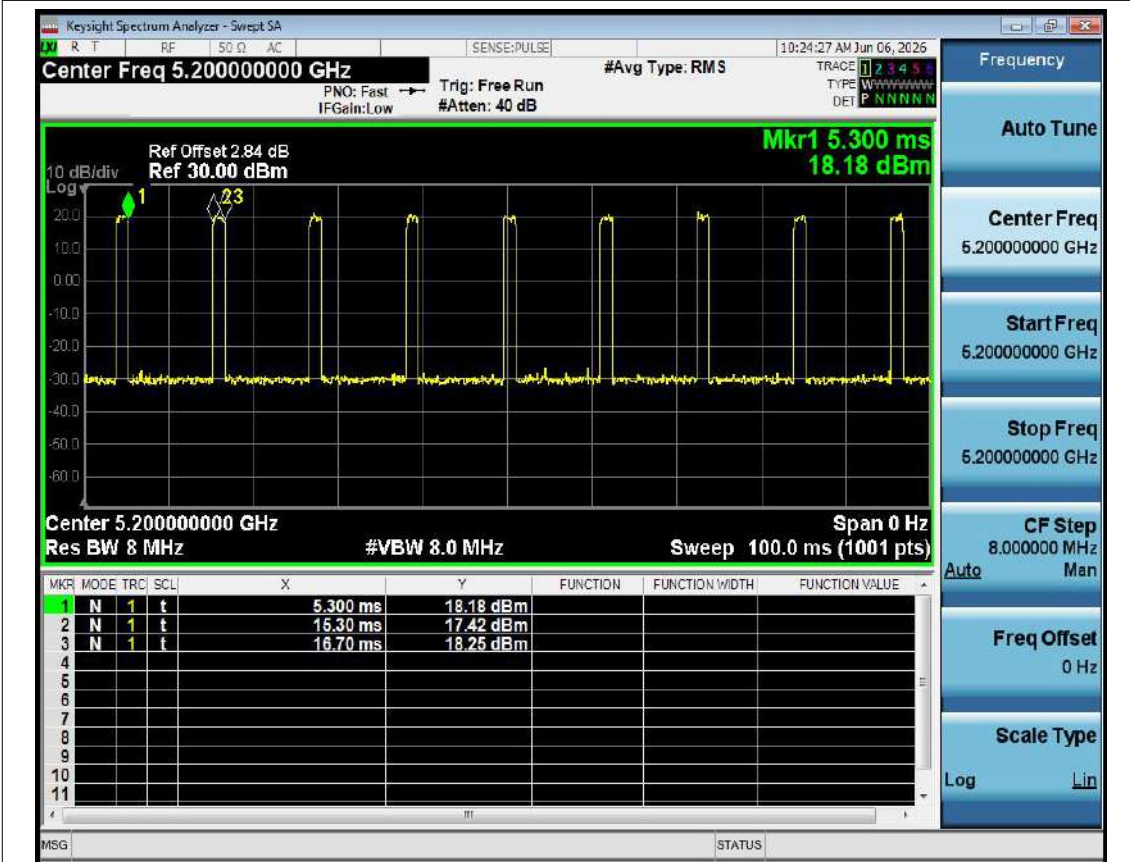
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1 Duty Cycle

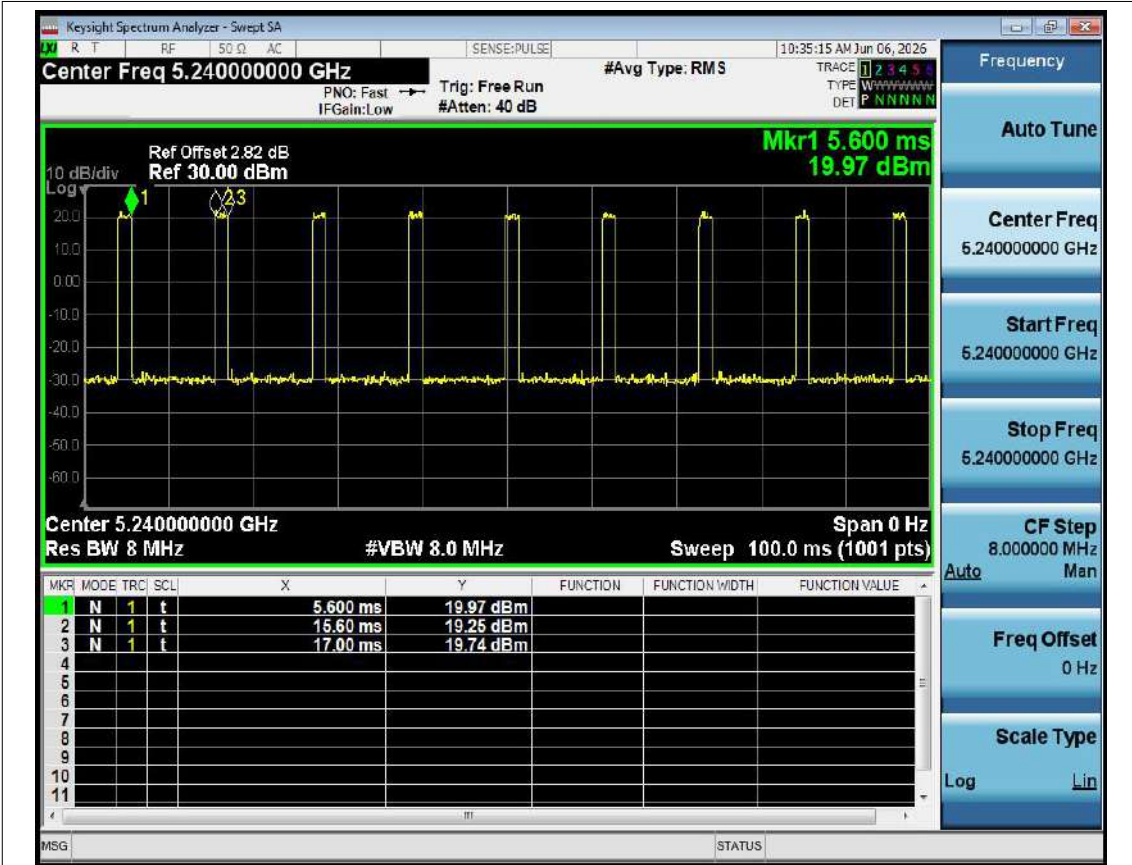
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	12.28	9.11	0.71
NVNT	a	5200	Ant1	12.28	9.11	0.71
NVNT	a	5240	Ant1	12.28	9.11	0.71
NVNT	n20	5180	Ant1	33.77	4.71	0.2
NVNT	n20	5200	Ant1	33.11	4.8	0.2
NVNT	n20	5240	Ant1	33.77	4.71	0.2
NVNT	n40	5190	Ant1	32.89	4.83	0.2
NVNT	n40	5230	Ant1	32.89	4.83	0.2
NVNT	ac20	5180	Ant1	33.12	4.8	0.2
NVNT	ac20	5200	Ant1	33.77	4.71	0.2
NVNT	ac20	5240	Ant1	33.77	4.71	0.2
NVNT	ac40	5190	Ant1	32.89	4.83	0.2
NVNT	ac40	5230	Ant1	32.67	4.86	0.2
NVNT	ax20	5180	Ant1	28.06	5.52	0.26
NVNT	ax20	5200	Ant1	28.06	5.52	0.26
NVNT	ax20	5240	Ant1	28.06	5.52	0.26
NVNT	ax40	5190	Ant1	27.34	5.63	0.26
NVNT	ax40	5230	Ant1	28.06	5.52	0.26



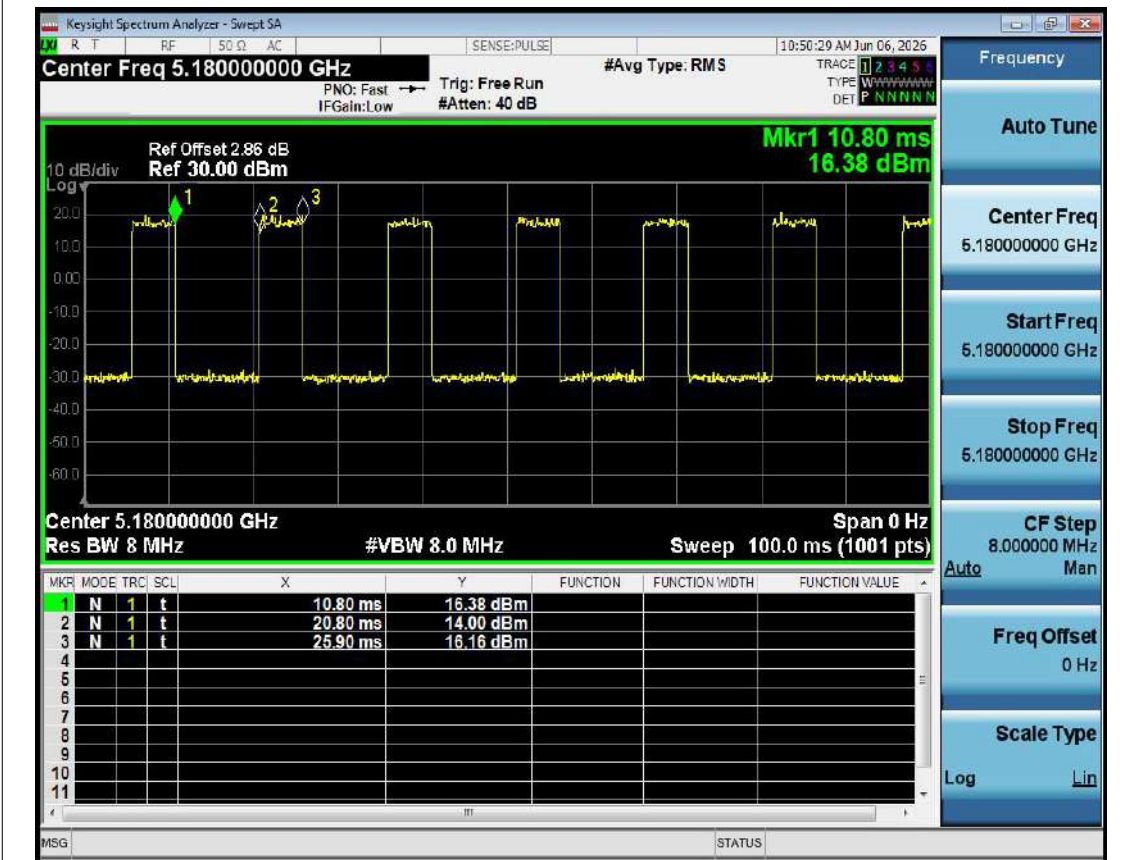
Duty Cycle NVNT a 5180MHz Ant1



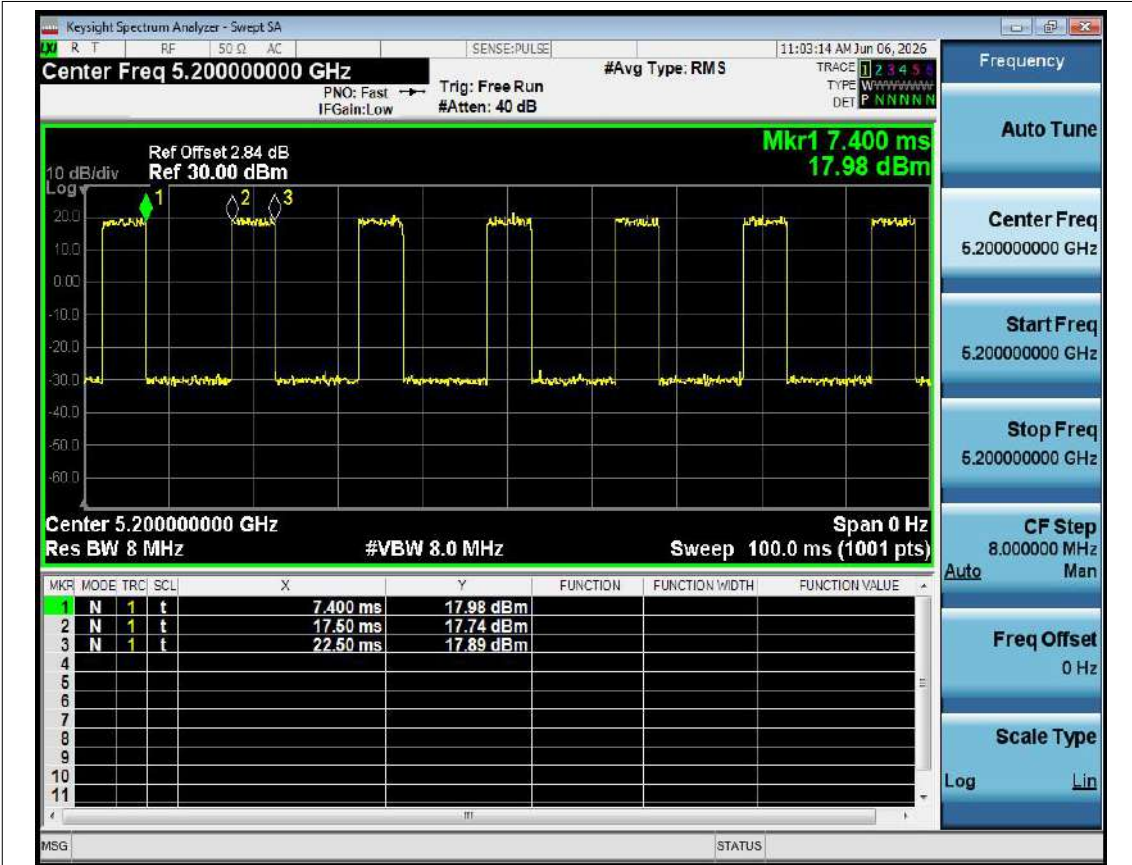
Duty Cycle NVNT a 5200MHz Ant1



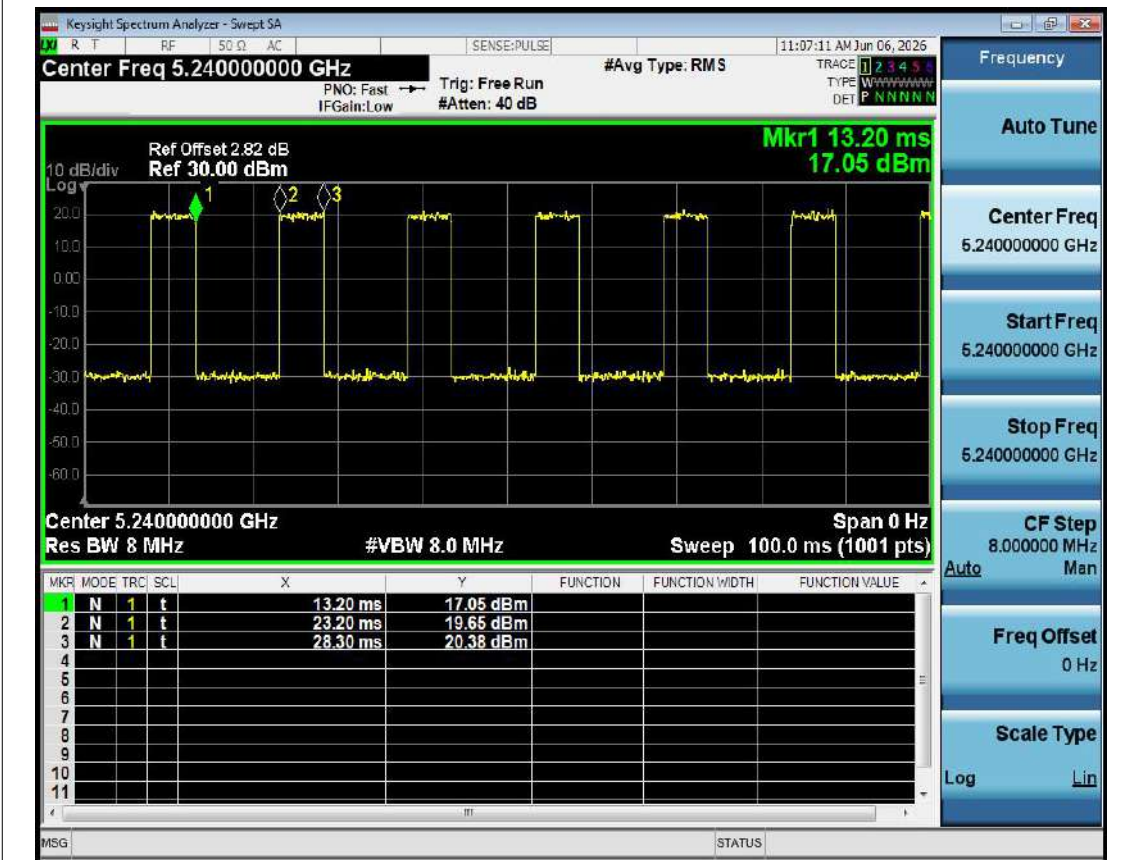
Duty Cycle NVNT a 5240MHz Ant1



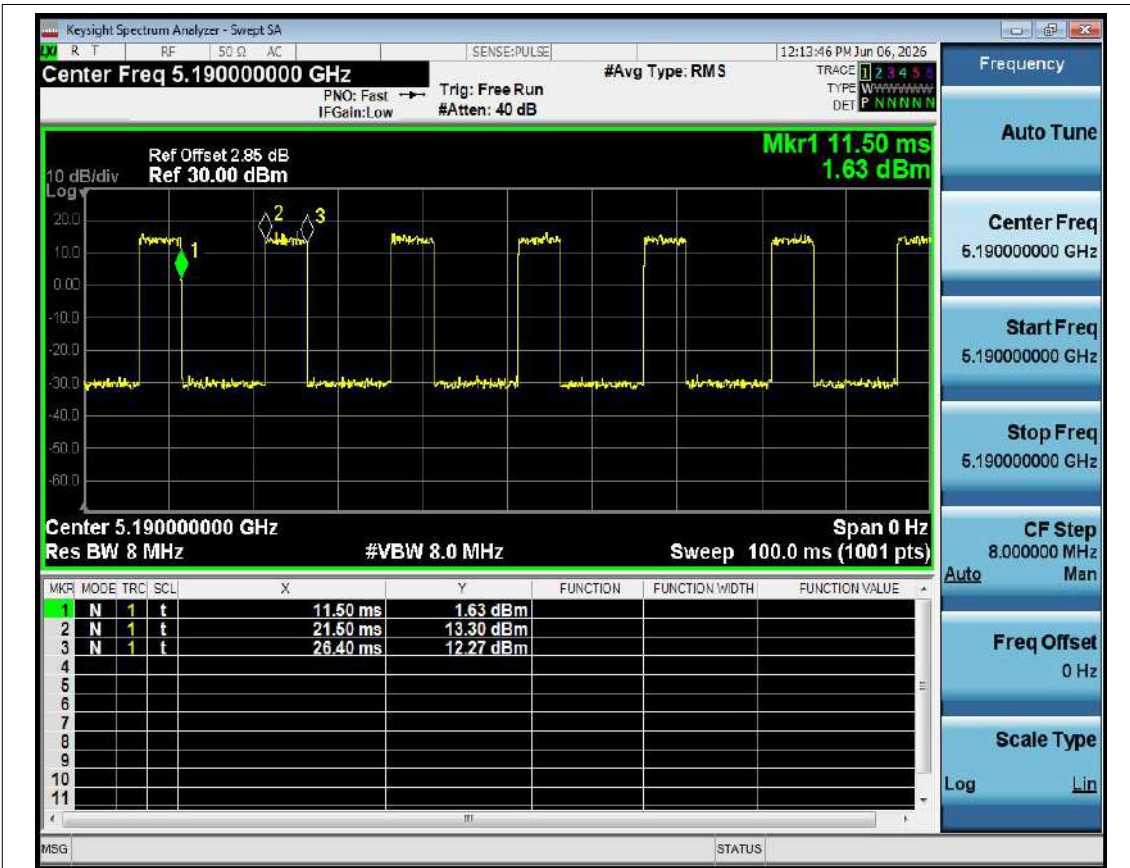
Duty Cycle NVNT n20 5180MHz Ant1



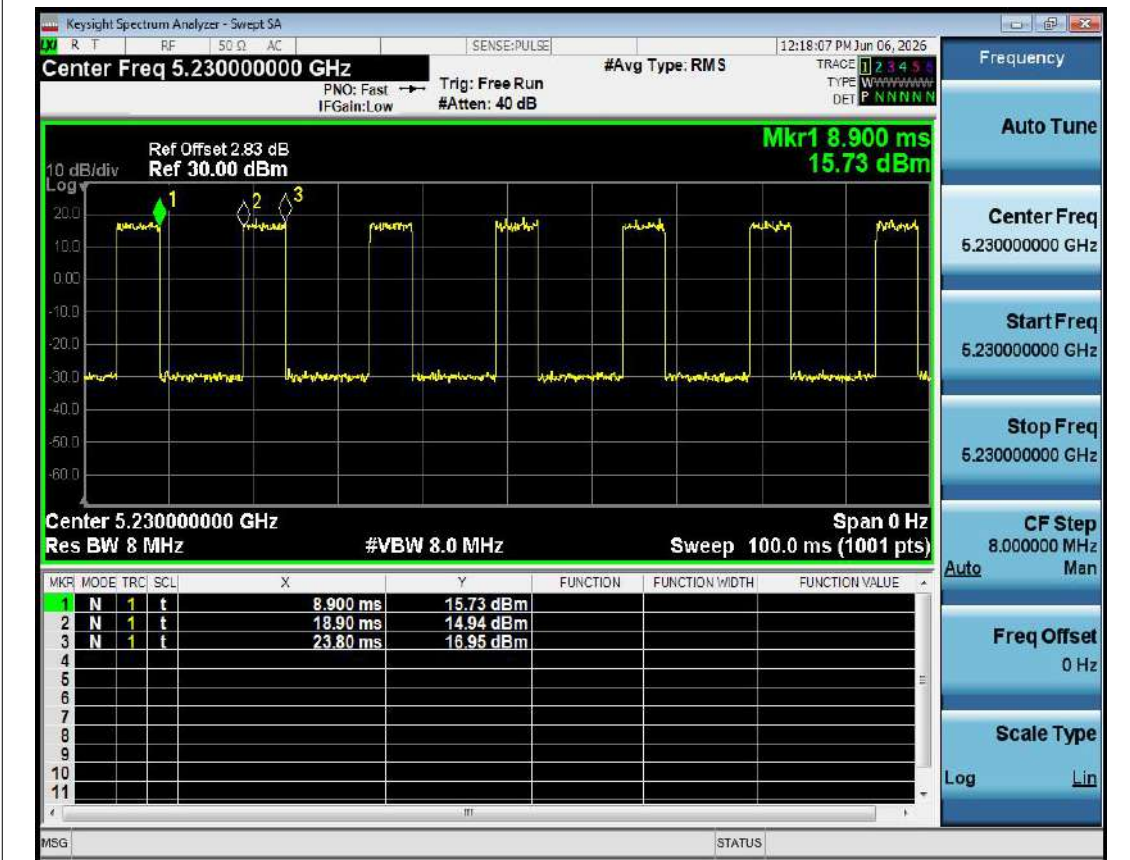
Duty Cycle NVNT n20 5200MHz Ant1



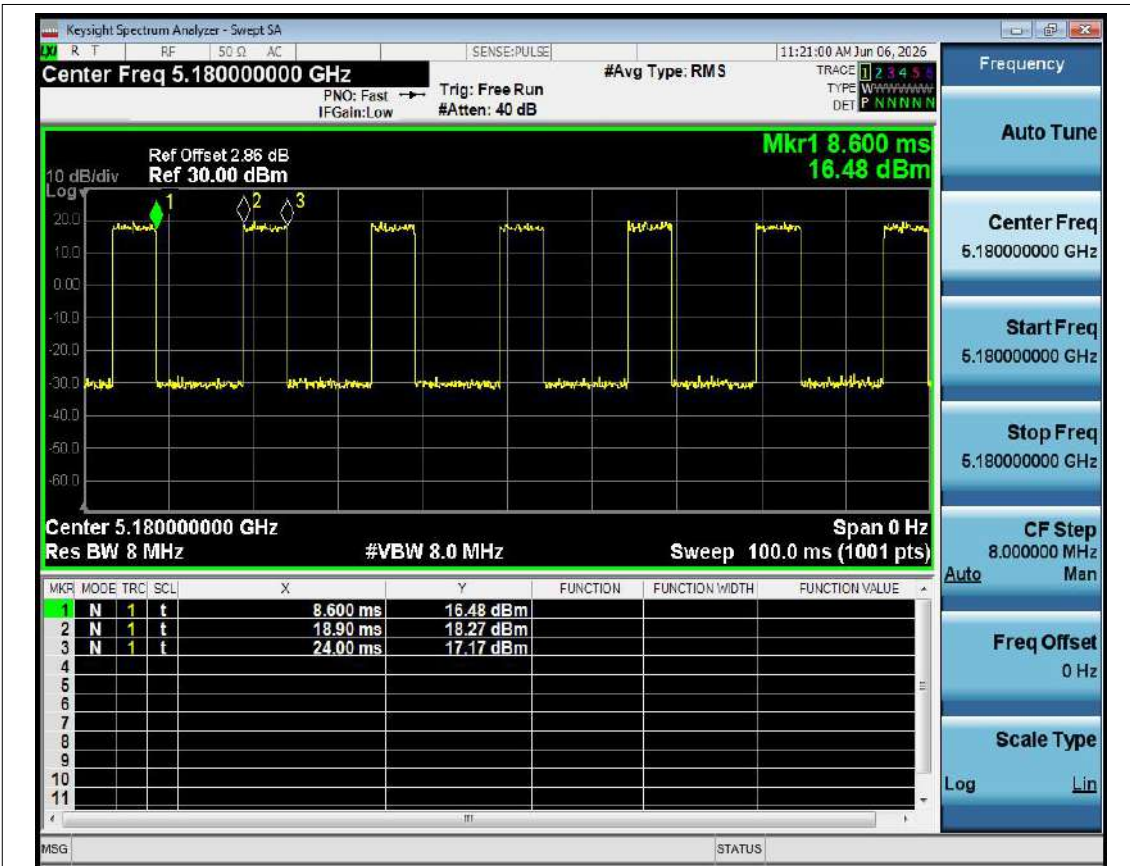
Duty Cycle NVNT n20 5240MHz Ant1



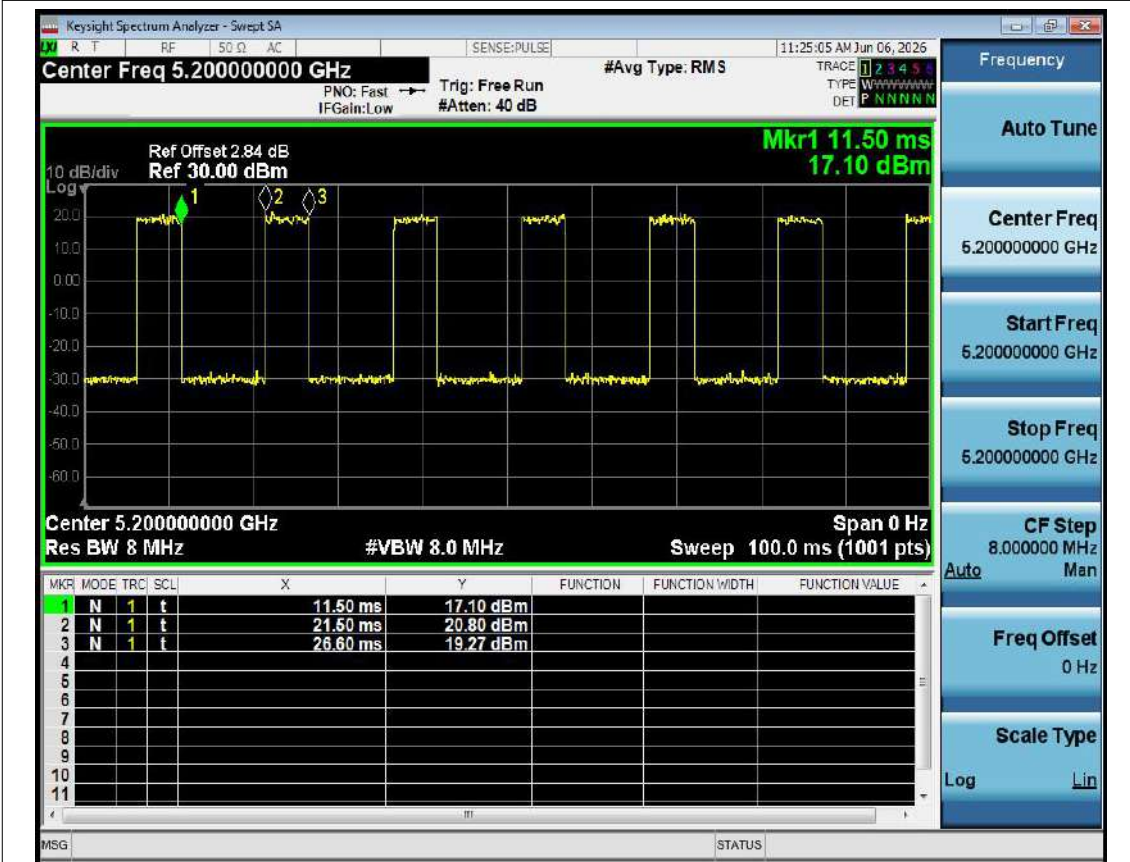
Duty Cycle NVNT n40 5190MHz Ant1



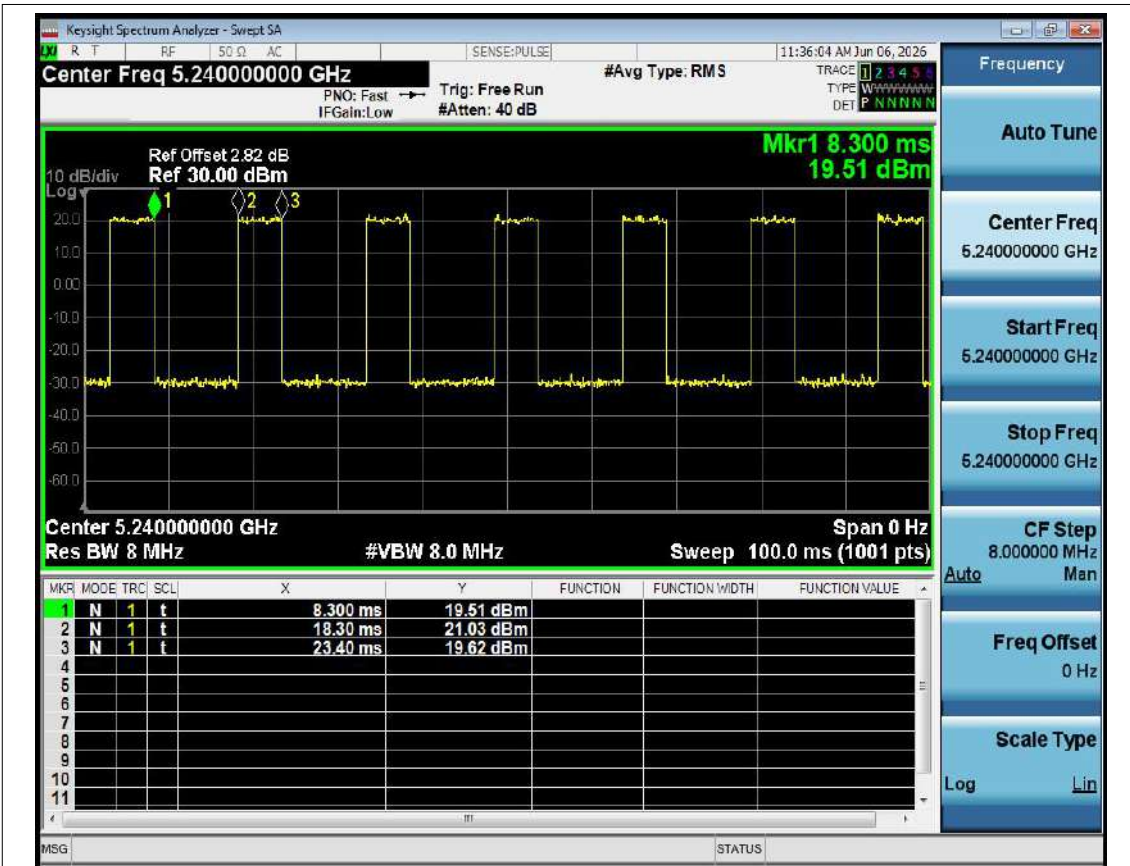
Duty Cycle NVNT n40 5230MHz Ant1



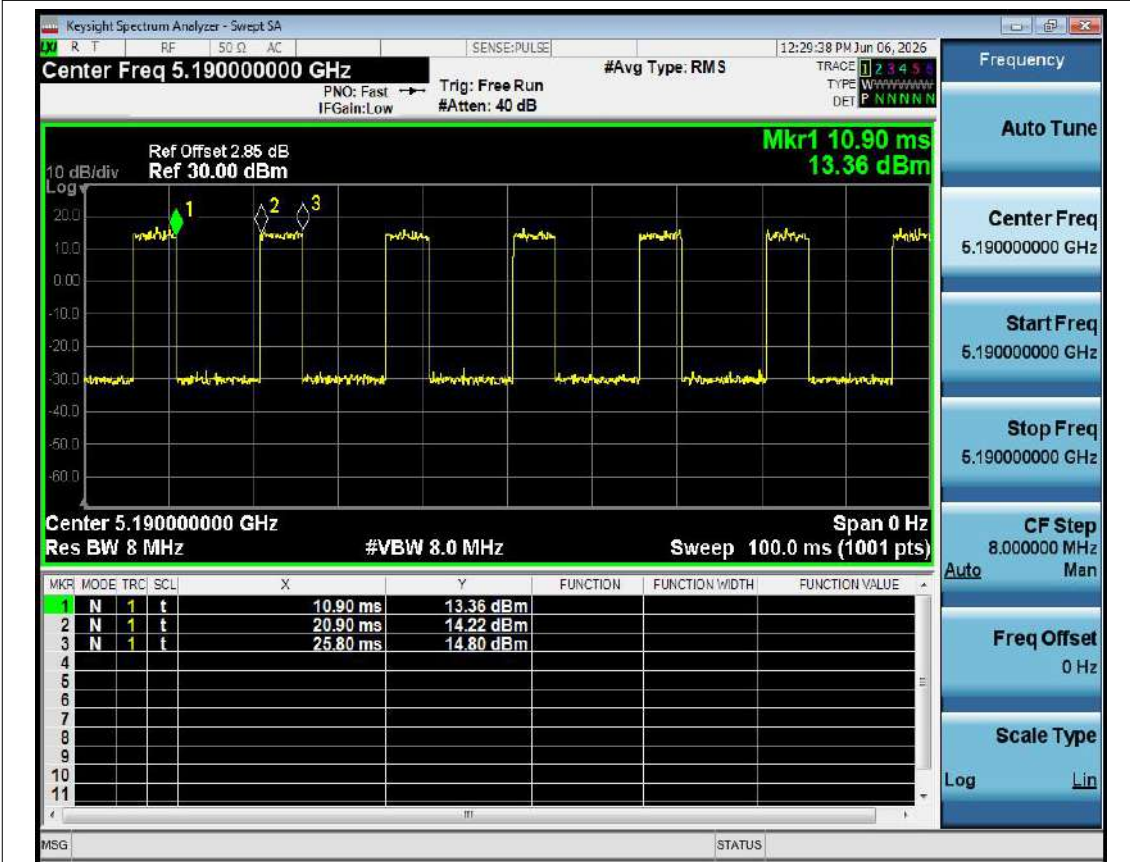
Duty Cycle NVNT ac20 5180MHz Ant1



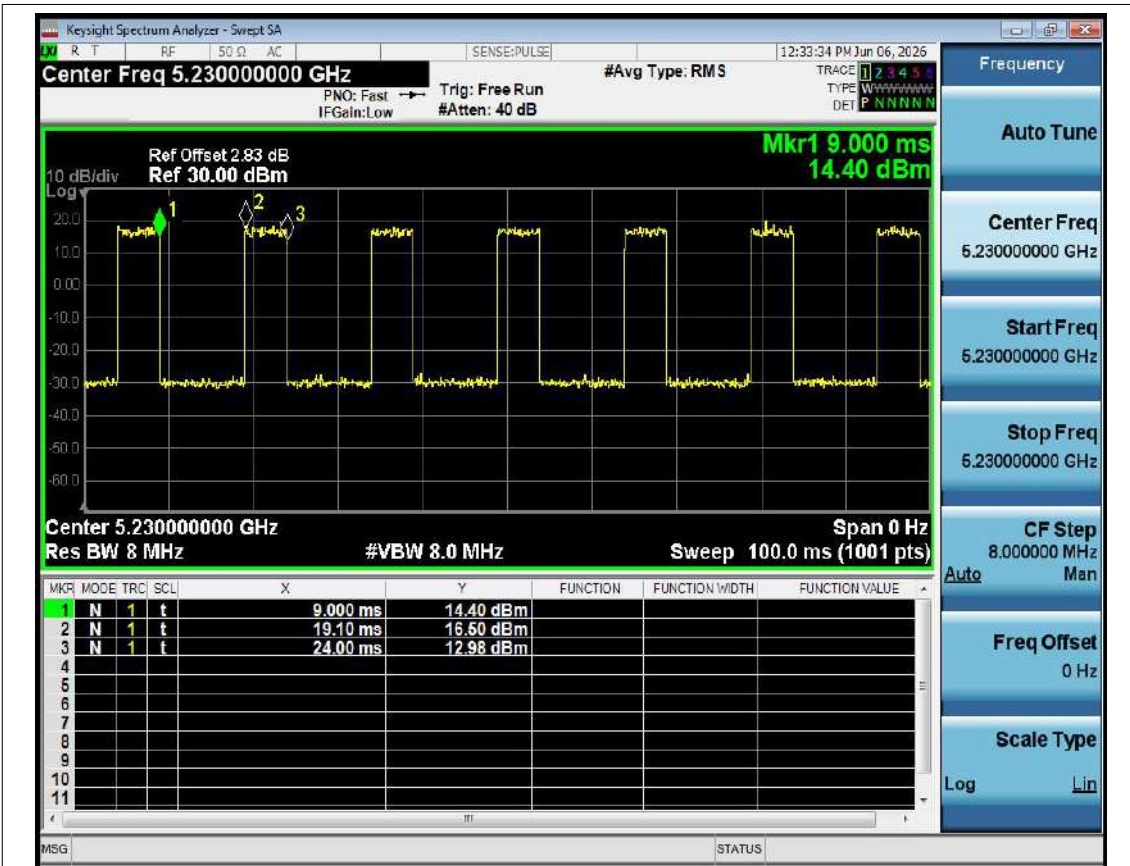
Duty Cycle NVNT ac20 5200MHz Ant1



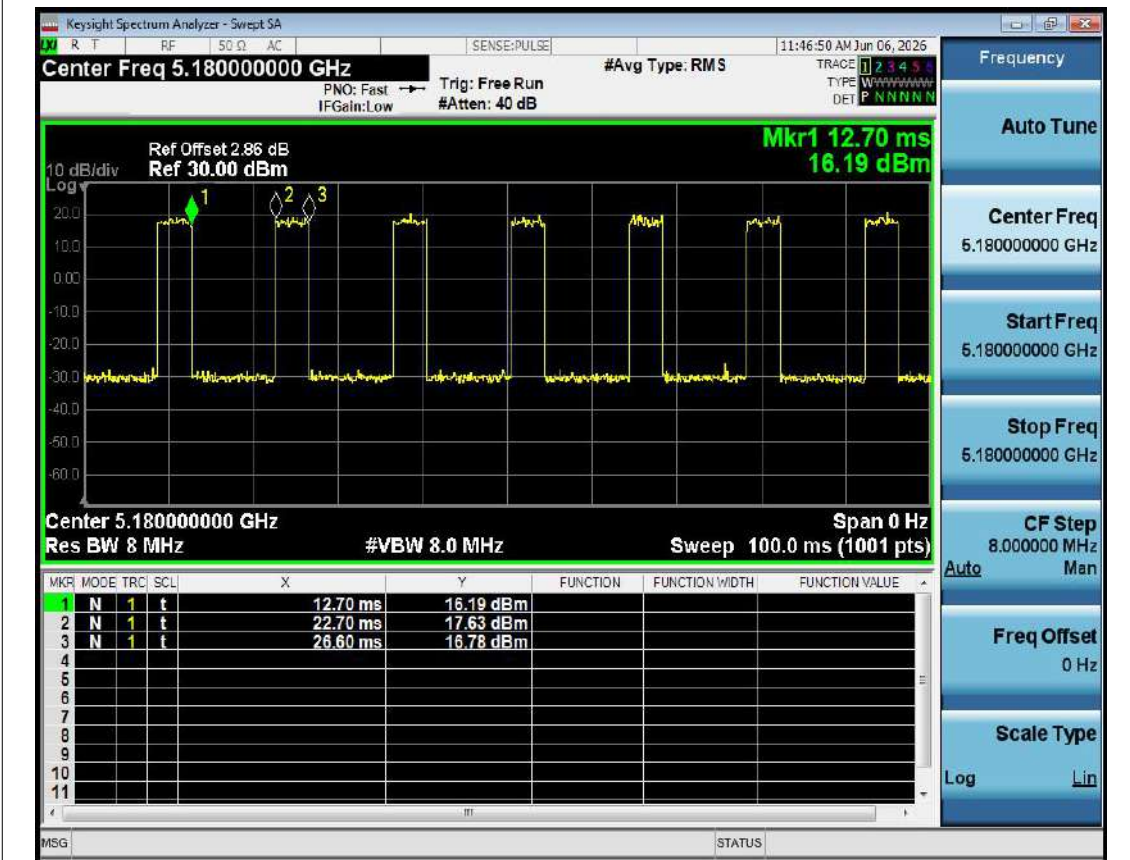
Duty Cycle NVNT ac20 5240MHz Ant1



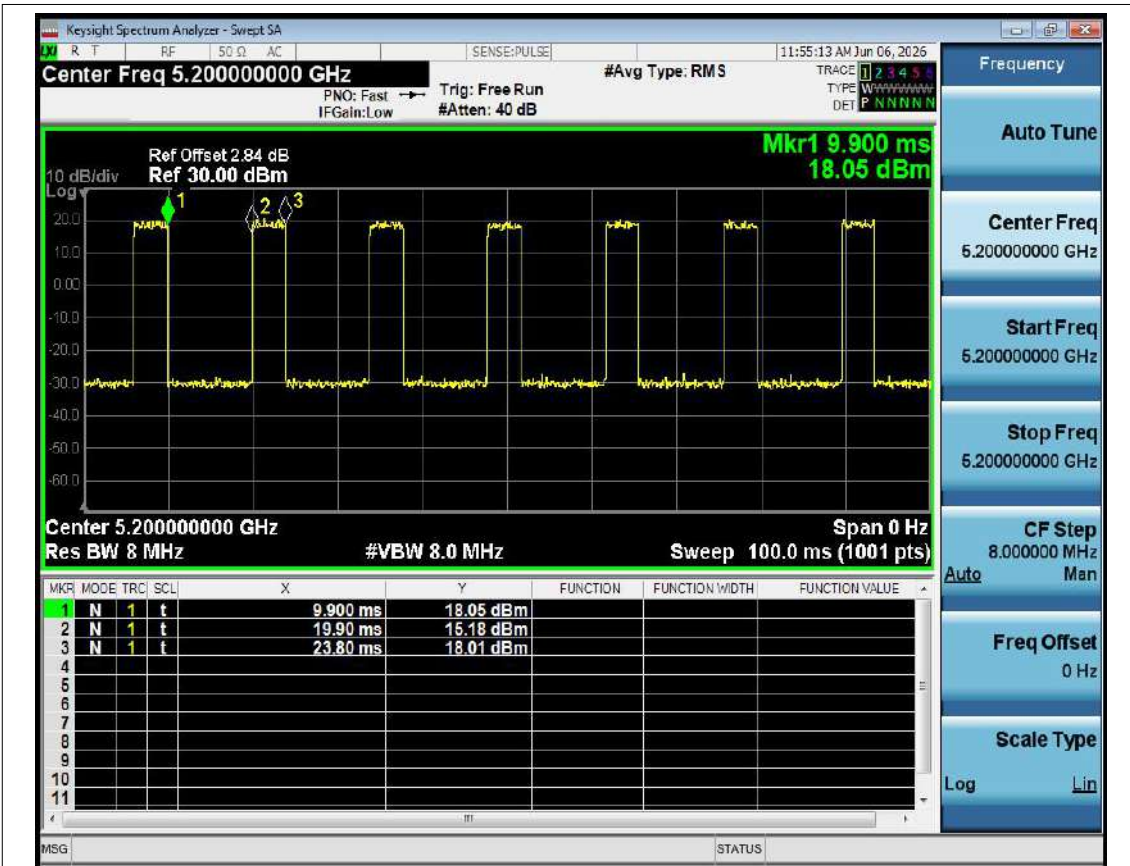
Duty Cycle NVNT ac40 5190MHz Ant1



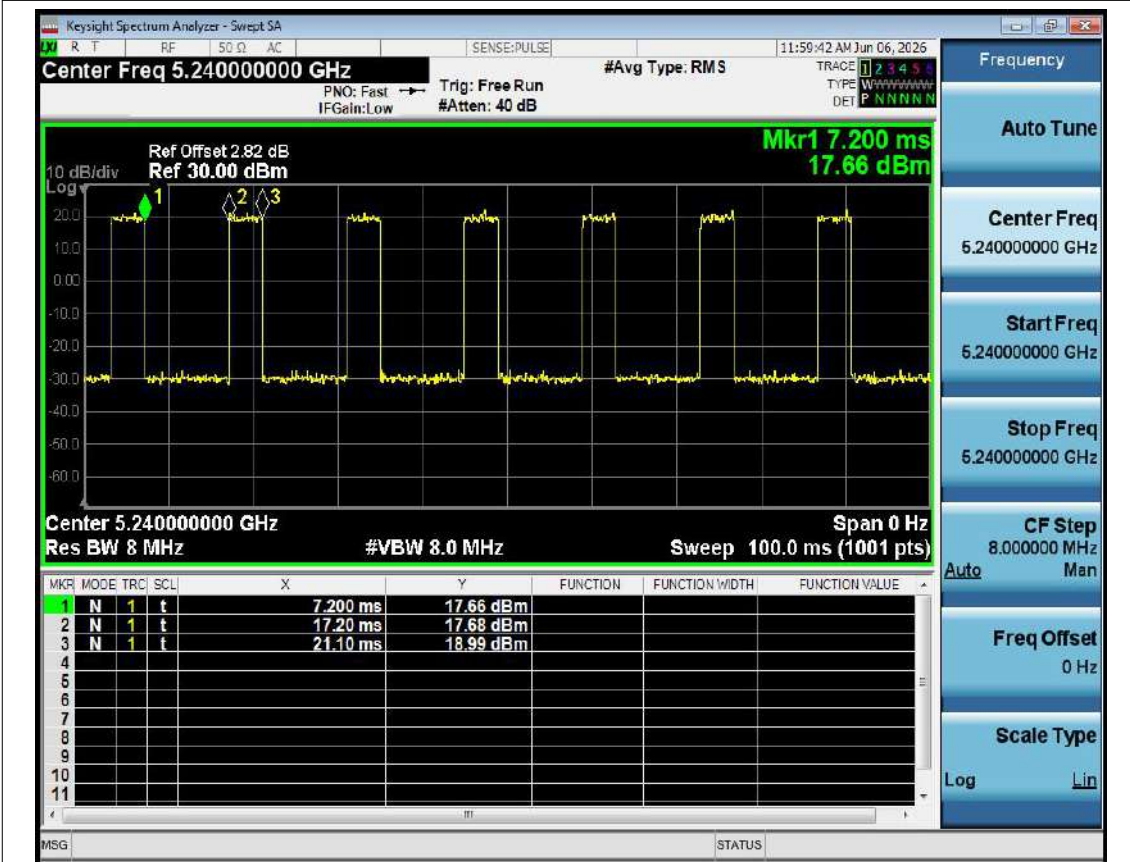
Duty Cycle NVNT ac40 5230MHz Ant1



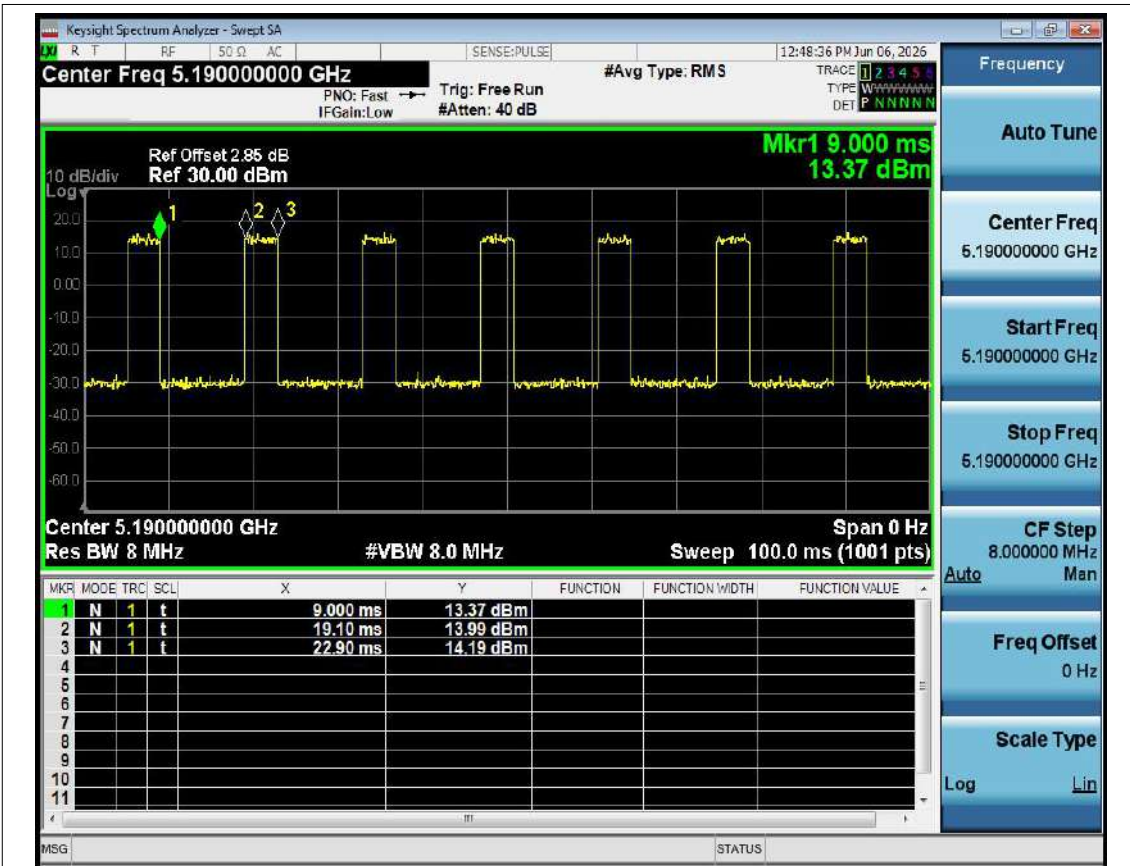
Duty Cycle NVNT ax20 5180MHz Ant1



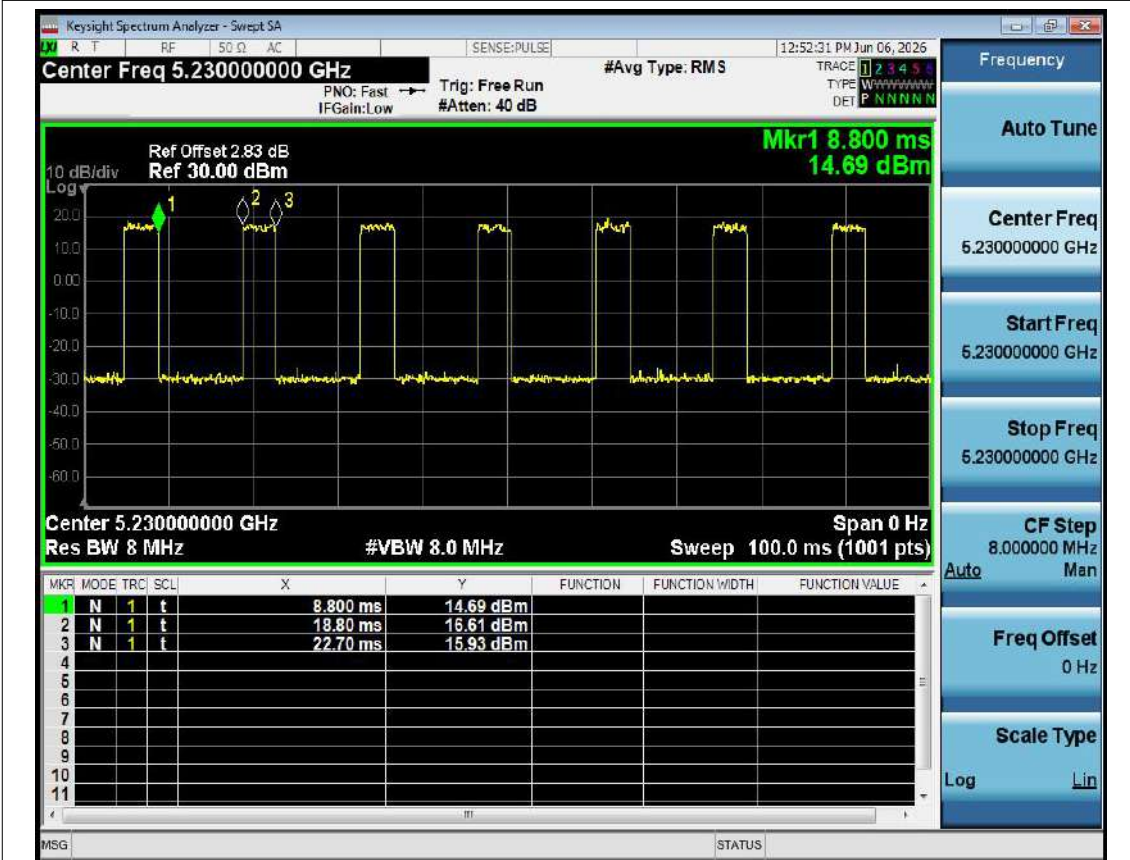
Duty Cycle NVNT ax20 5200MHz Ant1



Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1

2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	measurement value(dBm)	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	2.20	11.31	24	Pass
NVNT	a	5200	Ant1	4.14	13.25	24	Pass
NVNT	a	5240	Ant1	5.54	14.65	24	Pass
NVNT	n20	5180	Ant1	6.68	11.39	24	Pass
NVNT	n20	5200	Ant1	7.64	12.44	24	Pass
NVNT	n20	5240	Ant1	8.96	13.67	24	Pass
NVNT	n40	5190	Ant1	6.56	11.39	24	Pass
NVNT	n40	5230	Ant1	8.68	13.51	24	Pass
NVNT	ac20	5180	Ant1	9.70	14.50	24	Pass
NVNT	ac20	5200	Ant1	5.72	10.43	24	Pass
NVNT	ac20	5240	Ant1	6.97	11.68	24	Pass
NVNT	ac40	5190	Ant1	7.91	12.74	24	Pass
NVNT	ac40	5230	Ant1	5.89	10.75	24	Pass
NVNT	ax20	5180	Ant1	8.41	13.93	24	Pass
NVNT	ax20	5200	Ant1	5.63	11.15	24	Pass
NVNT	ax20	5240	Ant1	9.27	14.79	24	Pass
NVNT	ax40	5190	Ant1	6.12	11.75	24	Pass
NVNT	ax40	5230	Ant1	7.73	13.25	24	Pass

Conducted Power(dBm)=10log (1/D)+measured value; D is duty cycle

3 -26dB Bandwidth

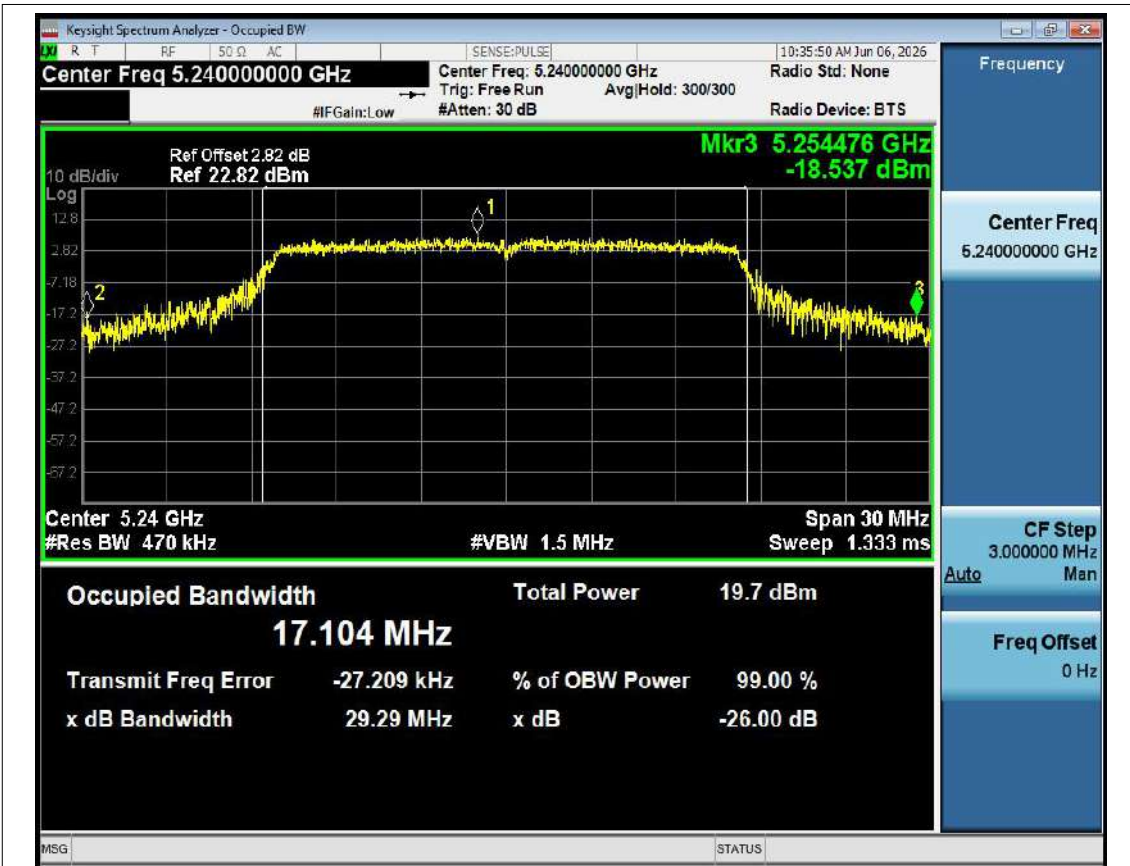
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	25.06
NVNT	a	5200	Ant1	26.84
NVNT	a	5240	Ant1	29.29
NVNT	n20	5180	Ant1	28.13
NVNT	n20	5200	Ant1	27.81
NVNT	n20	5240	Ant1	29.3
NVNT	n40	5190	Ant1	49.09
NVNT	n40	5230	Ant1	54.73
NVNT	ac20	5180	Ant1	28.45
NVNT	ac20	5200	Ant1	29.89
NVNT	ac20	5240	Ant1	29.7
NVNT	ac40	5190	Ant1	49.14
NVNT	ac40	5230	Ant1	56.99
NVNT	ax20	5180	Ant1	28.01
NVNT	ax20	5200	Ant1	25.68
NVNT	ax20	5240	Ant1	27.77
NVNT	ax40	5190	Ant1	44.71
NVNT	ax40	5230	Ant1	48.36



-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



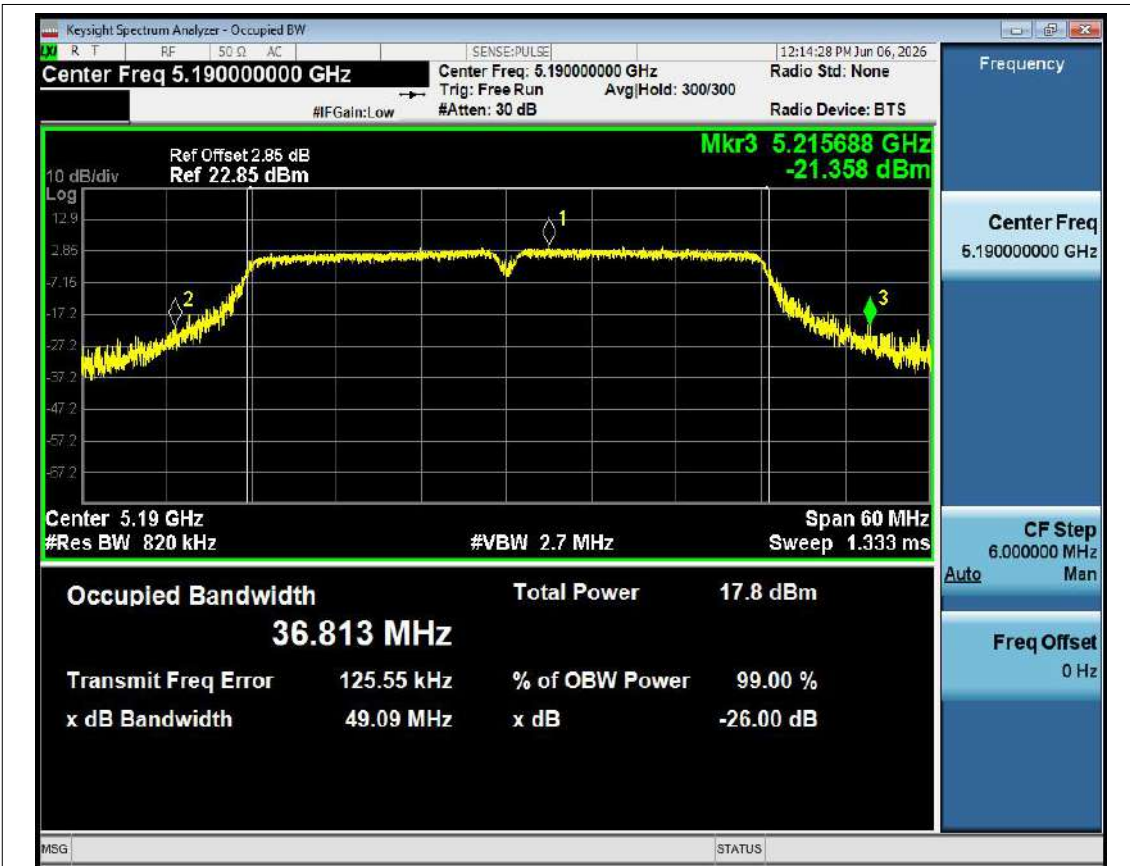
-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



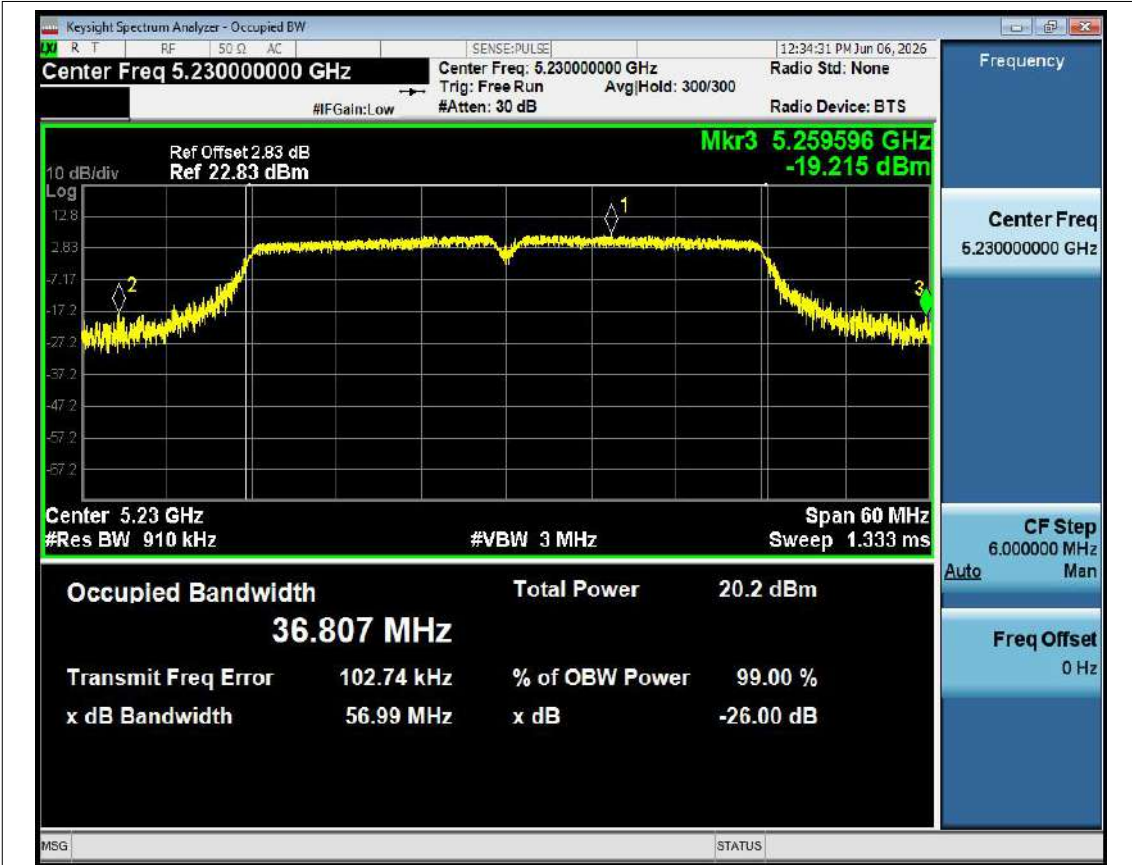
-26dB Bandwidth NVNT ac20 5200MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant1



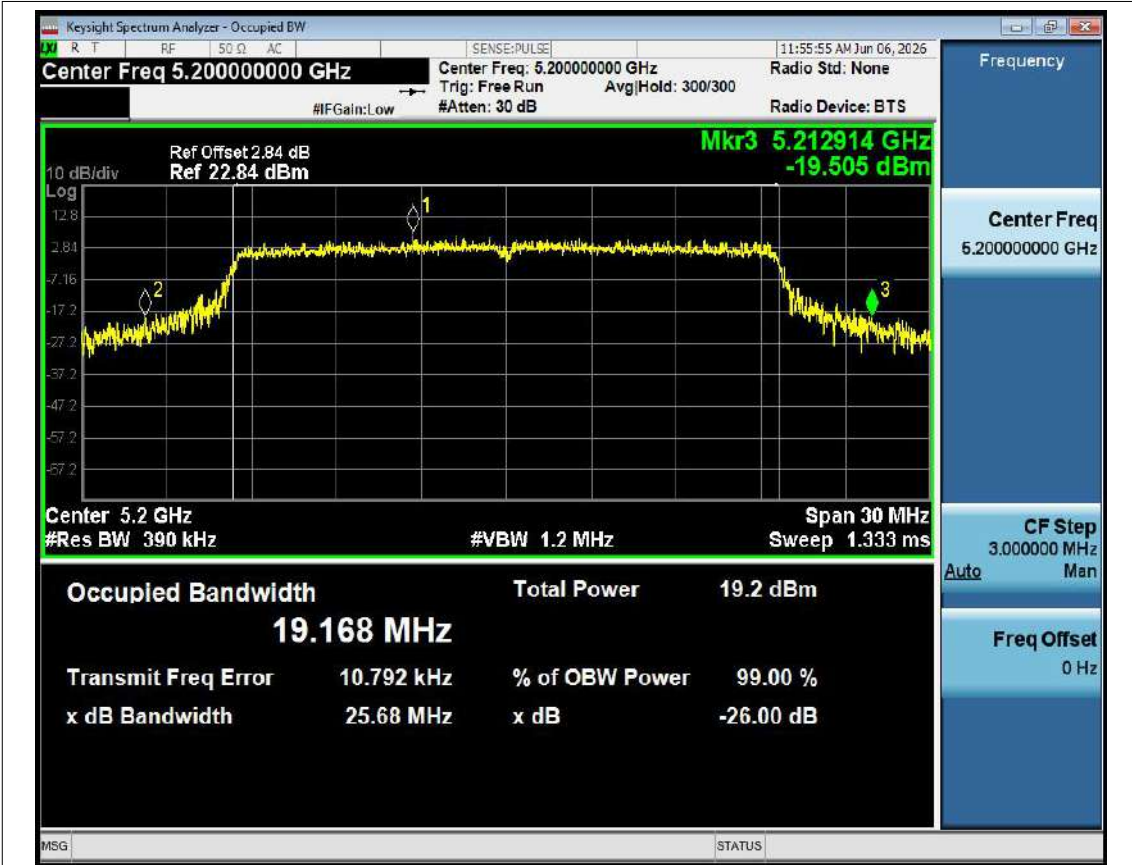
-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1

4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.635
NVNT	a	5200	Ant1	16.586
NVNT	a	5240	Ant1	16.621
NVNT	n20	5180	Ant1	17.812
NVNT	n20	5200	Ant1	17.808
NVNT	n20	5240	Ant1	17.822
NVNT	n40	5190	Ant1	36.3
NVNT	n40	5230	Ant1	36.35
NVNT	ac20	5180	Ant1	17.833
NVNT	ac20	5200	Ant1	17.835
NVNT	ac20	5240	Ant1	17.849
NVNT	ac40	5190	Ant1	36.334
NVNT	ac40	5230	Ant1	36.337
NVNT	ax20	5180	Ant1	18.995
NVNT	ax20	5200	Ant1	19.064
NVNT	ax20	5240	Ant1	19.017
NVNT	ax40	5190	Ant1	37.759
NVNT	ax40	5230	Ant1	37.784



OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1



OBW NVNT ac20 5180MHz Ant1



OBW NVNT ac20 5200MHz Ant1



OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1



OBW NVNT ax20 5180MHz Ant1



OBW NVNT ax20 5200MHz Ant1



OBW NVNT ax20 5240MHz Ant1



OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 5230MHz Ant1

5 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total Conducted PSD (dBm/MHz)	Limit Conducted (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	-7.03	9.11	2.08	11	Pass
NVNT	a	5200	Ant1	-5.49	9.11	3.62	11	Pass
NVNT	a	5240	Ant1	-5.57	9.11	3.54	11	Pass
NVNT	n20	5180	Ant1	-3.45	4.71	1.26	11	Pass
NVNT	n20	5200	Ant1	-2.83	4.8	1.97	11	Pass
NVNT	n20	5240	Ant1	-1.59	4.71	3.12	11	Pass
NVNT	n40	5190	Ant1	-7.3	4.83	-2.47	11	Pass
NVNT	n40	5230	Ant1	-4.93	4.83	-0.1	11	Pass
NVNT	ac20	5180	Ant1	-3.74	4.8	1.06	11	Pass
NVNT	ac20	5200	Ant1	-2.38	4.71	2.33	11	Pass
NVNT	ac20	5240	Ant1	-1.22	4.71	3.49	11	Pass
NVNT	ac40	5190	Ant1	-7.34	4.83	-2.51	11	Pass
NVNT	ac40	5230	Ant1	-4.79	4.86	0.07	11	Pass
NVNT	ax20	5180	Ant1	-4.33	5.52	1.19	11	Pass
NVNT	ax20	5200	Ant1	-3.81	5.52	1.71	11	Pass
NVNT	ax20	5240	Ant1	-2.67	5.52	2.85	11	Pass
NVNT	ax40	5190	Ant1	-7.71	5.63	-2.08	11	Pass
NVNT	ax40	5230	Ant1	-6.05	5.52	-0.53	11	Pass



PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ax20 5180MHz Ant1



PSD NVNT ax20 5200MHz Ant1



PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1

6 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	5180.028	5171.041	5189.198	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5180.00	5180.004	5171.627	5188.490	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5180.00	5179.999	5171.778	5188.360	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5179.996	5171.879	5188.231	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5180.00	5180.004	5171.958	5188.111	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5180.00	5179.992	5172.032	5188.122	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5180.00	5180.003	5172.055	5187.999	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5180.00	5180.008	5172.089	5188.014	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5180.00	5180.010	5172.198	5187.963	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5180.00	5180.013	5172.255	5187.831	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5180.00	5180.009	5172.305	5187.799	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11a	5200.00	5200.058	5191.020	5209.145	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5200.00	5199.992	5191.585	5208.527	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5200.00	5199.993	5191.727	5208.372	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.000	5191.881	5208.217	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5200.00	5199.983	5191.955	5208.094	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5200.00	5199.995	5191.970	5208.070	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5200.00	5199.994	5192.038	5208.020	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5200.00	5199.998	5192.105	5207.978	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5200.00	5200.015	5192.153	5207.962	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5200.00	5200.016	5192.224	5207.857	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5200.00	5200.023	5192.283	5207.812	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11a	5240.00	5239.915	5230.897	5249.021	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11a	5240.00	5239.951	5231.524	5248.459	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11a	5240.00	5239.951	5231.711	5248.255	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5239.958	5231.855	5248.179	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11a	5240.00	5239.950	5231.908	5248.091	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11a	5240.00	5239.955	5231.971	5247.998	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11a	5240.00	5239.960	5232.053	5247.972	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11a	5240.00	5239.954	5232.091	5247.964	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11a	5240.00	5239.960	5232.178	5247.900	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11a	5240.00	5239.946	5232.135	5247.787	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11a	5240.00	5239.924	5232.238	5247.754	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.054	5170.457	5189.747	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.027	5171.065	5189.096	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.998	5171.161	5188.895	5150~5250	Pass

25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5179.999	5171.298	5188.837	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.006	5171.308	5188.732	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.018	5171.471	5188.729	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.009	5171.535	5188.643	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.024	5171.618	5188.529	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5180.00	5180.018	5171.661	5188.534	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5180.00	5180.028	5171.710	5188.415	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5180.00	5180.039	5171.710	5188.389	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.044	5190.550	5209.639	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.998	5191.020	5209.061	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.991	5191.193	5208.937	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.005	5191.279	5208.882	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.988	5191.319	5208.702	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.997	5191.464	5208.631	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5199.990	5191.497	5208.627	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.000	5191.567	5208.557	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5200.00	5199.998	5191.592	5208.473	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5200.00	5200.003	5191.654	5208.477	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5200.00	5200.005	5191.691	5208.406	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.914	5230.371	5249.525	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.952	5230.994	5249.047	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.954	5231.085	5248.853	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.953	5231.195	5248.749	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.954	5231.279	5248.712	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.957	5231.384	5248.667	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.959	5231.410	5248.598	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.954	5231.472	5248.537	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5240.00	5239.952	5231.548	5248.421	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5240.00	5239.961	5231.615	5248.402	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5240.00	5239.952	5231.718	5248.271	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.053	5170.405	5189.706	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.019	5171.025	5189.196	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.010	5171.205	5188.910	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.005	5171.314	5188.812	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.007	5171.397	5188.767	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.011	5171.398	5188.666	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.019	5171.456	5188.576	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.024	5171.528	5188.546	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5180.00	5180.050	5171.672	5188.566	5150~5250	Pass

25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5180.00	5180.038	5171.724	5188.451	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5180.00	5180.049	5171.816	5188.384	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.047	5190.565	5209.665	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.046	5191.006	5209.199	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.020	5191.193	5208.945	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.006	5191.273	5208.807	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.012	5191.395	5208.782	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.018	5191.482	5208.720	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.005	5191.463	5208.648	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.027	5191.604	5208.548	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5200.00	5200.032	5191.609	5208.471	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5200.00	5200.025	5191.707	5208.402	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5200.00	5200.049	5191.771	5208.452	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.936	5230.336	5249.584	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.931	5230.903	5248.999	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.942	5231.097	5248.877	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.950	5231.193	5248.755	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.941	5231.316	5248.702	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.955	5231.404	5248.592	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.940	5231.439	5248.516	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.934	5231.467	5248.456	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5240.00	5239.941	5231.537	5248.425	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5240.00	5239.947	5231.644	5248.399	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5240.00	5239.959	5231.627	5248.376	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5179.992	5170.214	5189.880	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.017	5170.515	5189.649	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.000	5170.618	5189.472	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.009	5170.681	5189.462	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5179.898	5170.727	5189.139	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.051	5170.776	5189.374	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.034	5170.856	5189.339	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.051	5170.919	5189.243	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE20)	5180.00	5180.046	5170.977	5189.218	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5180.00	5180.020	5171.068	5189.075	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE20)	5180.00	5180.025	5171.090	5189.069	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.008	5190.170	5209.901	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5199.990	5190.408	5209.588	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5199.979	5190.525	5209.439	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5199.996	5190.674	5209.406	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5199.984	5190.710	5209.338	5150~5250	Pass

5degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5199.993	5190.790	5209.277	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.015	5190.852	5209.232	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5200.012	5190.956	5209.160	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE20)	5200.00	5200.003	5191.021	5209.091	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5200.00	5199.984	5191.065	5208.986	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE20)	5200.00	5200.033	5191.192	5209.000	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.971	5230.212	5249.784	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.962	5230.401	5249.584	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.953	5230.530	5249.408	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.959	5230.566	5249.372	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.953	5230.693	5249.311	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.969	5230.786	5249.281	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.945	5230.808	5249.141	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.955	5230.890	5249.159	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE20)	5240.00	5239.978	5230.985	5249.120	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE20)	5240.00	5239.983	5231.023	5248.987	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE20)	5240.00	5239.977	5231.145	5248.978	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.978	5171.750	5208.336	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.004	5171.919	5208.182	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.026	5172.032	5208.054	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.029	5172.256	5207.921	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.033	5172.290	5207.932	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.048	5172.420	5207.810	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.980	5172.490	5207.536	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5189.995	5172.599	5207.525	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5190.00	5190.022	5172.720	5207.476	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5190.00	5190.037	5172.856	5207.329	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5190.00	5189.973	5172.888	5207.080	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.994	5211.754	5248.312	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.028	5211.939	5248.218	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.001	5212.119	5247.994	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.017	5212.266	5247.867	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.991	5212.384	5247.711	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.013	5212.450	5247.715	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.009	5212.588	5247.527	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5229.970	5212.601	5247.369	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5230.00	5230.023	5212.719	5247.361	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5230.00	5230.049	5212.858	5247.265	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5230.00	5230.061	5213.074	5247.153	5150~5250	Pass

55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.072	5171.656	5208.529	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.069	5171.924	5208.289	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.057	5172.152	5208.125	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.108	5172.272	5208.012	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.105	5172.481	5207.875	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.124	5172.613	5207.760	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.146	5172.727	5207.659	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.187	5172.818	5207.587	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5190.00	5190.183	5172.960	5207.486	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5190.00	5190.229	5173.072	5207.382	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5190.00	5190.221	5173.279	5207.301	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.000	5211.653	5248.388	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.023	5211.897	5248.232	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.011	5212.099	5248.070	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.014	5212.228	5247.921	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.005	5212.339	5247.735	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.029	5212.474	5247.687	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.042	5212.614	5247.594	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.049	5212.749	5247.493	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5230.00	5230.038	5212.795	5247.341	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5230.00	5230.033	5213.001	5247.161	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5230.00	5230.068	5213.120	5247.156	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.070	5170.997	5209.153	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.075	5171.239	5208.977	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.077	5171.319	5208.927	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.141	5171.512	5208.814	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.154	5171.656	5208.727	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.191	5171.803	5208.657	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.166	5171.931	5208.497	5150~5250	Pass
-15degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.161	5172.131	5208.336	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE40)	5190.00	5190.232	5172.267	5208.285	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5190.00	5190.269	5172.365	5208.201	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE40)	5190.00	5190.237	5172.565	5207.987	5150~5250	Pass
55degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.014	5211.004	5249.147	5150~5250	Pass
45degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.028	5211.129	5248.930	5150~5250	Pass
35degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5229.992	5211.351	5248.742	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.053	5211.509	5248.717	5150~5250	Pass
15degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.044	5211.564	5248.542	5150~5250	Pass
5degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.065	5211.738	5248.513	5150~5250	Pass
-5degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.037	5211.870	5248.345	5150~5250	Pass

-15degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.075	5211.962	5248.232	5150~5250	Pass
25degrees C&&4.37V	ANT1	802.11ax(HE40)	5230.00	5230.041	5212.129	5248.040	5150~5250	Pass
25degrees C&&3.80V	ANT1	802.11ax(HE40)	5230.00	5230.064	5212.244	5247.998	5150~5250	Pass
25degrees C&&3.23V	ANT1	802.11ax(HE40)	5230.00	5230.098	5212.335	5247.926	5150~5250	Pass