

Report No.: NCT26011429XE1-3
FCC ID:2BUXG-AL4MP402W
FCC_5.2G_WIFI (Part15.407) Test Data

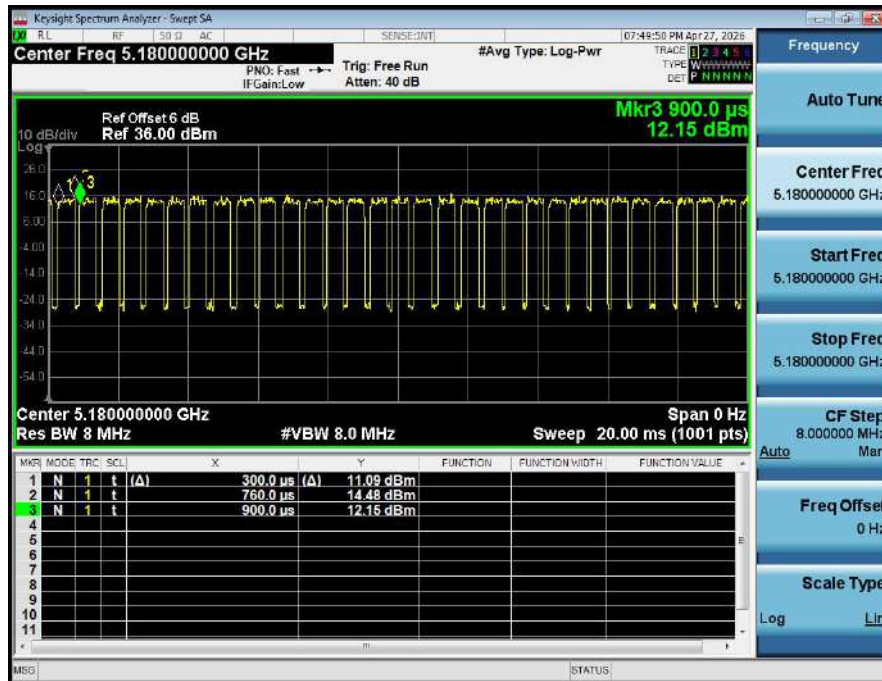
RF Test Data

Duty Cycle	3
Maximum Conducted Output Power	13
-26dB Bandwidth	14
Occupied Channel Bandwidth	24
Maximum Power Spectral Density Level	35
Frequency Stability	45

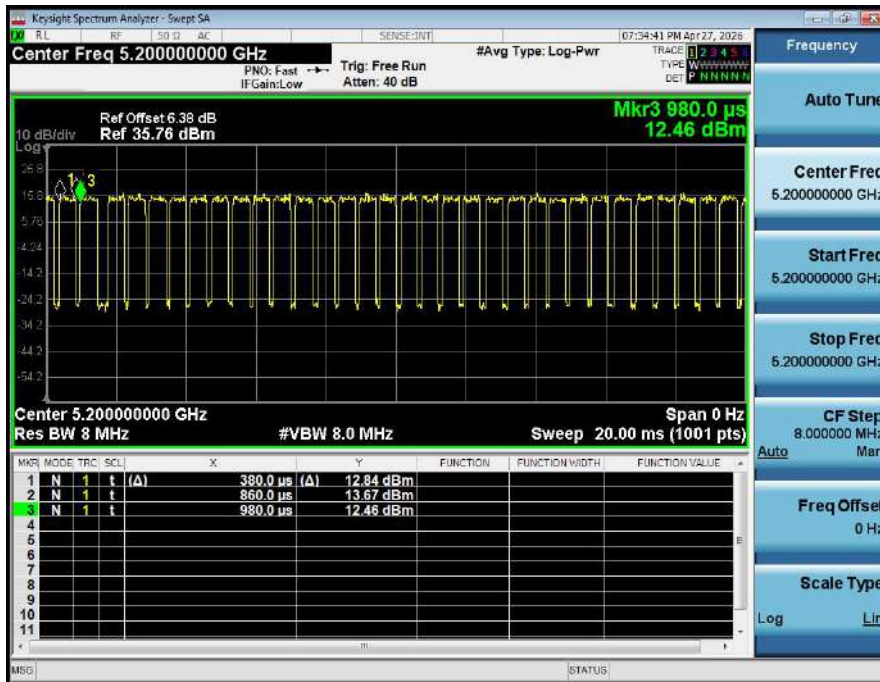
Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	76.67	1.15
NVNT	ANT1	802.11a	5200.00	80.00	0.97
NVNT	ANT1	802.11a	5240.00	70.59	1.51
NVNT	ANT1	802.11n(HT20)	5180.00	96.39	0.16
NVNT	ANT1	802.11n(HT20)	5200.00	94.44	0.25
NVNT	ANT1	802.11n(HT20)	5240.00	96.89	0.14
NVNT	ANT1	802.11ac(VHT20)	5180.00	97.41	0.11
NVNT	ANT1	802.11ac(VHT20)	5200.00	96.91	0.14
NVNT	ANT1	802.11ac(VHT20)	5240.00	95.90	0.18
NVNT	ANT1	802.11ax(HE20)	5180.00	95.97	0.18
NVNT	ANT1	802.11ax(HE20)	5200.00	95.97	0.18
NVNT	ANT1	802.11ax(HE20)	5240.00	89.38	0.49
NVNT	ANT1	802.11n(HT40)	5190.00	64.71	1.89
NVNT	ANT1	802.11n(HT40)	5230.00	57.89	2.37
NVNT	ANT1	802.11ac(VHT40)	5190.00	52.94	2.76
NVNT	ANT1	802.11ac(VHT40)	5230.00	50.00	3.01
NVNT	ANT1	802.11ax(HE40)	5190.00	53.85	2.69
NVNT	ANT1	802.11ax(HE40)	5230.00	61.54	2.11

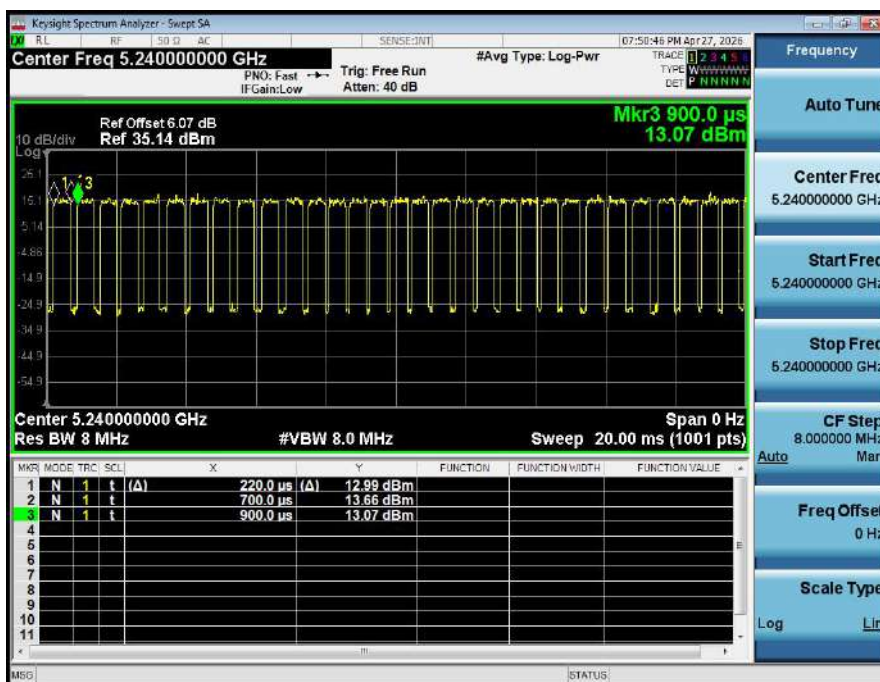
Duty_Cycle_NVNT_ANT1_802_11a_5180



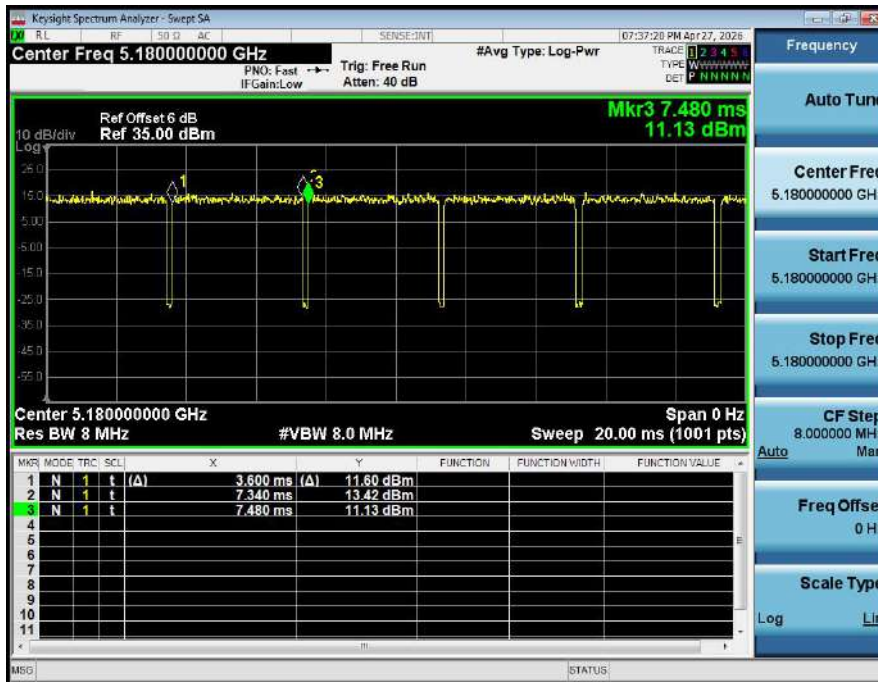
Duty_Cycle_NVNT_ANT1_802_11a_5200



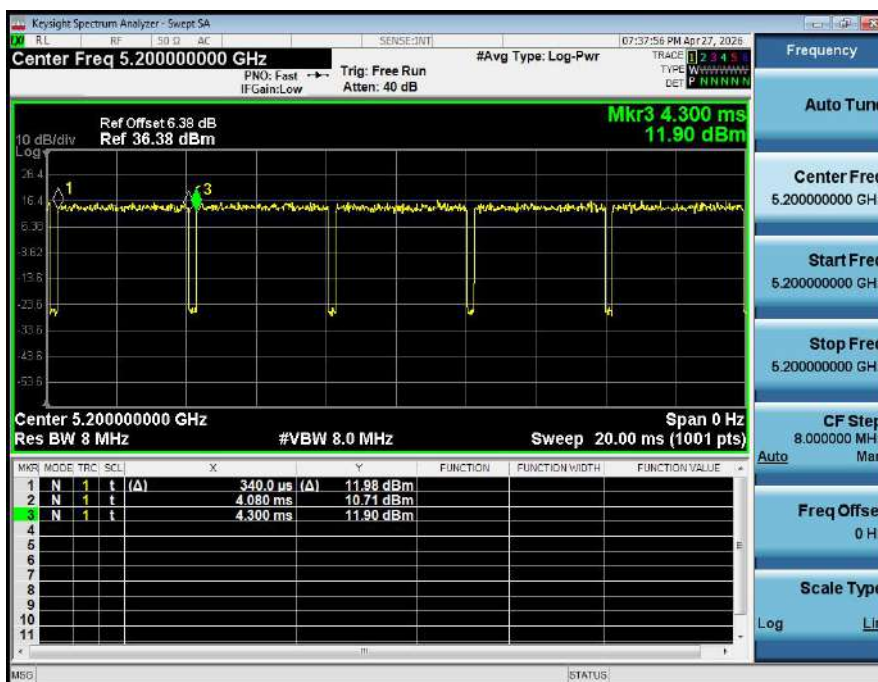
Duty_Cycle_NVNT_ANT1_802_11a_5240



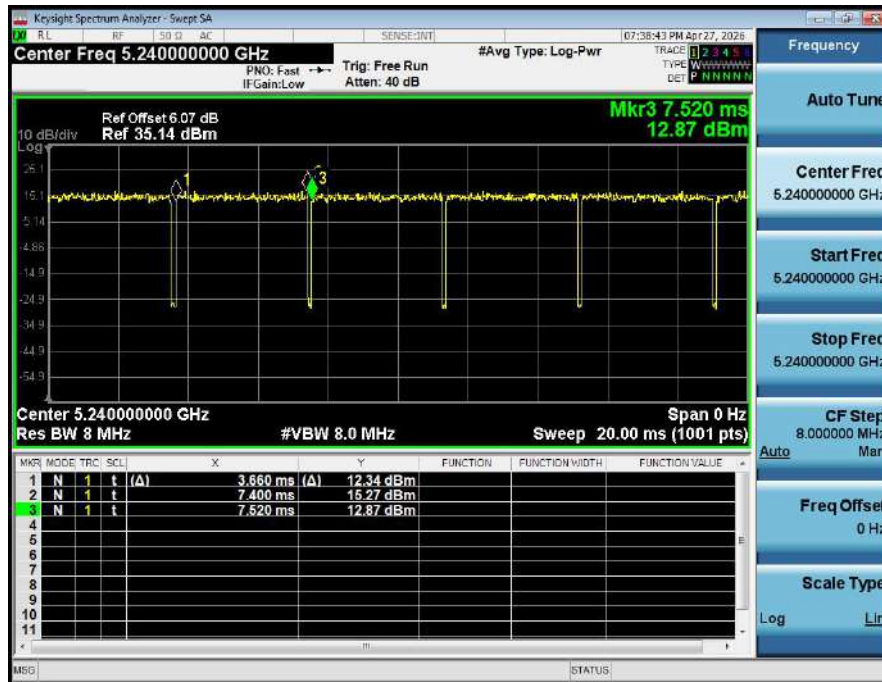
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5180



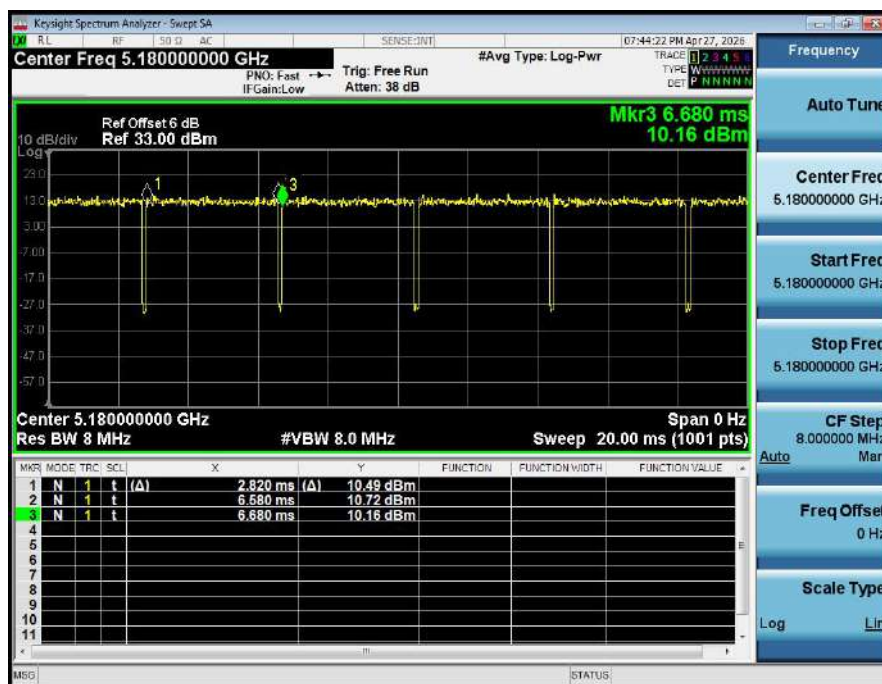
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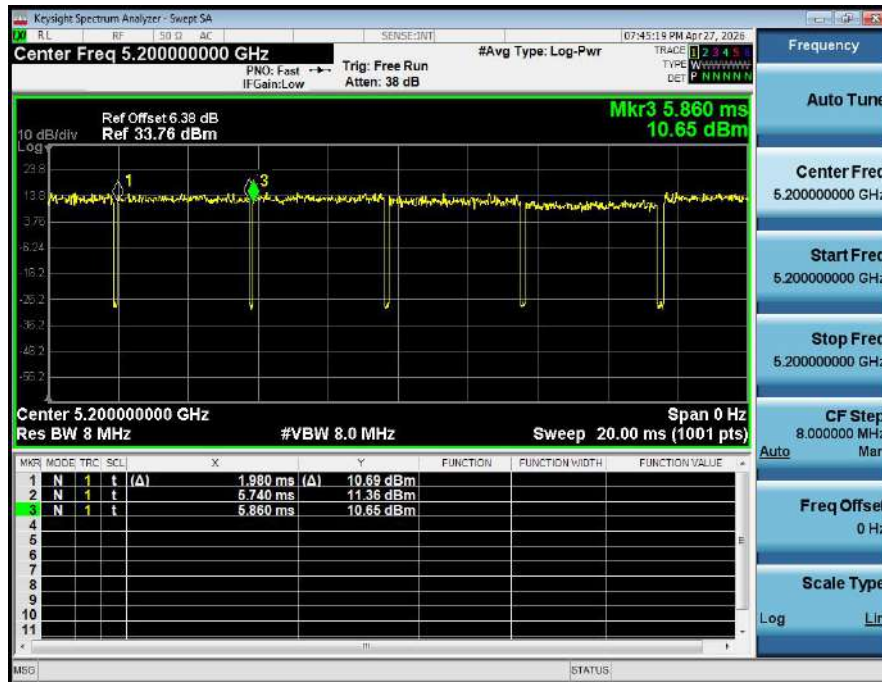
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5240



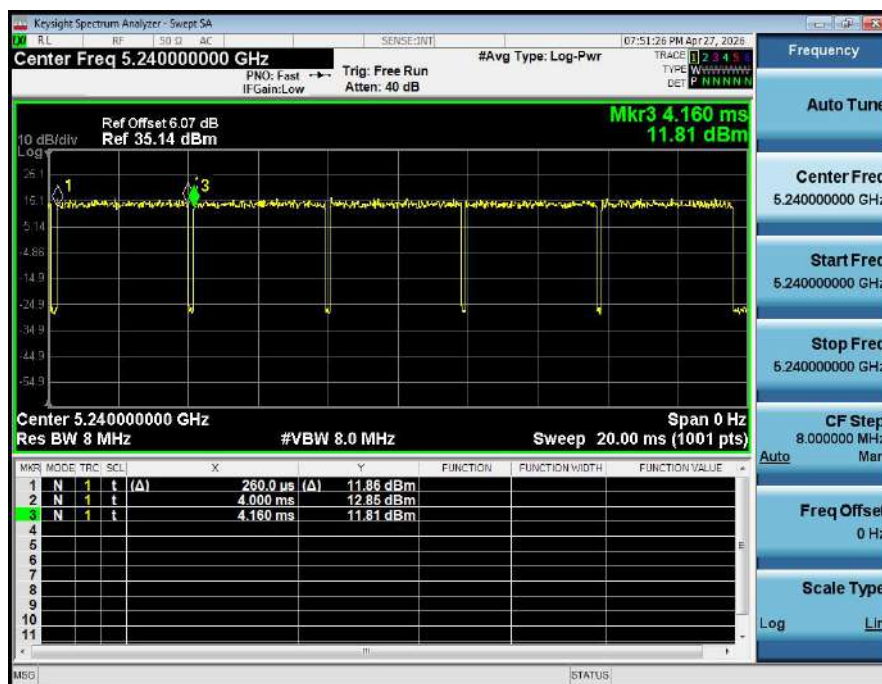
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5180



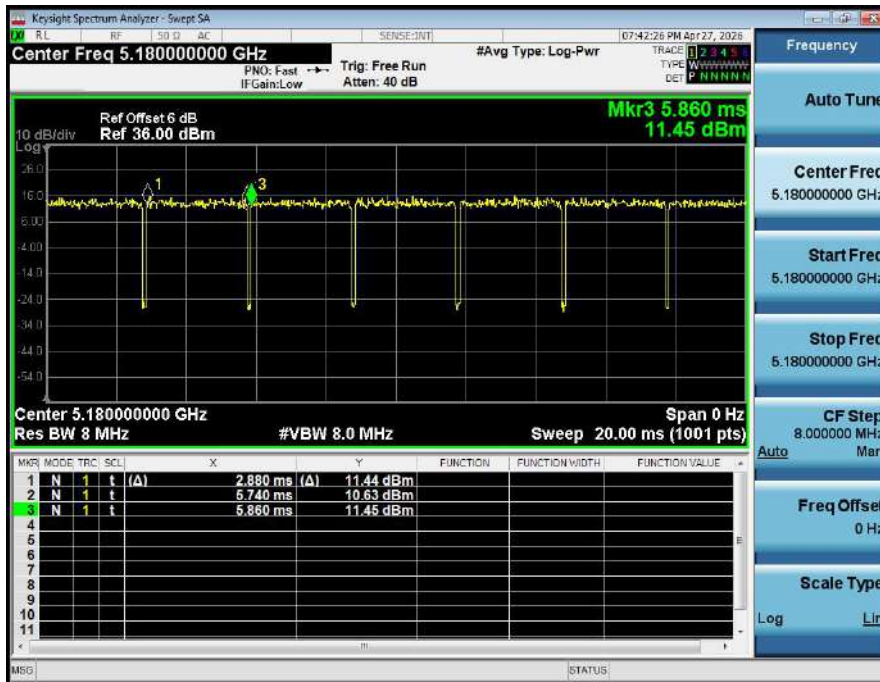
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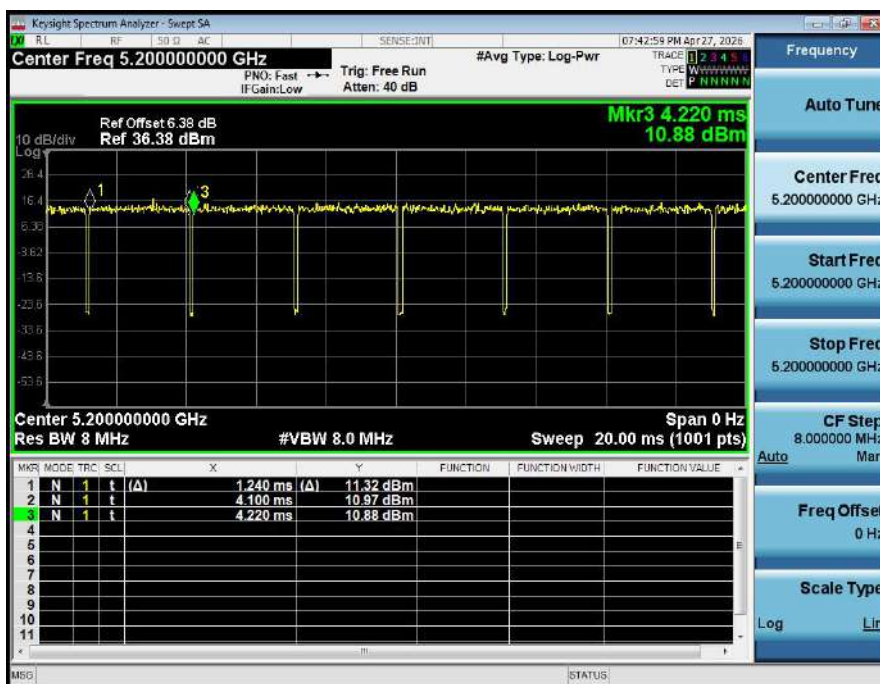
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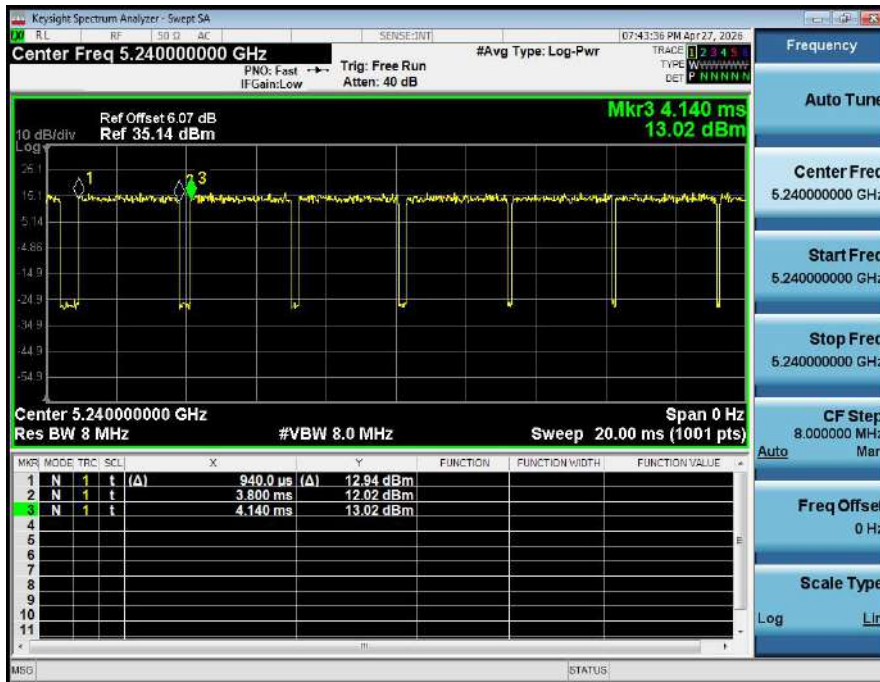
Duty_Cycle_NVNT_ANT1_802_11ax(HE20)_5180



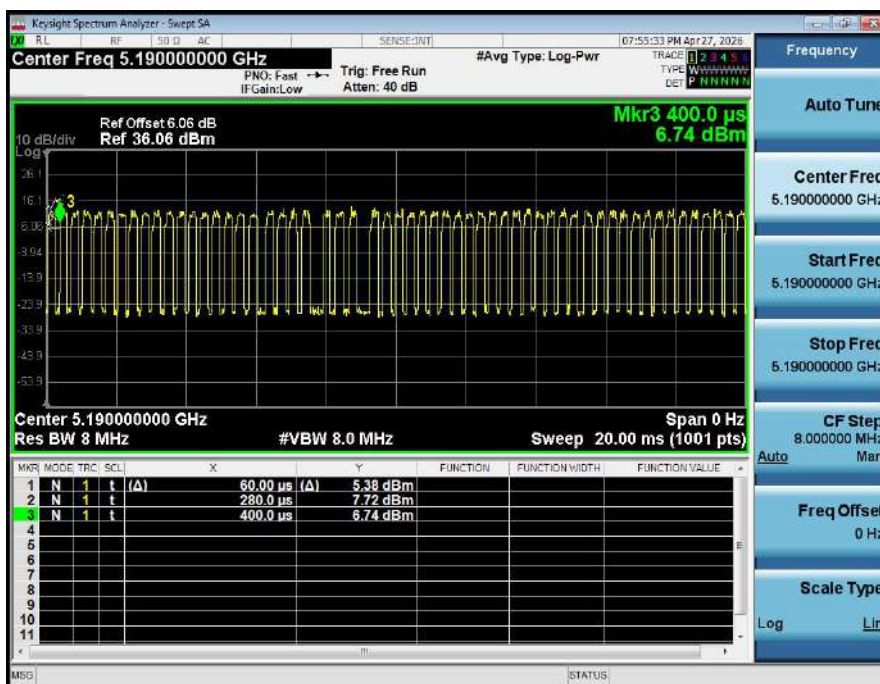
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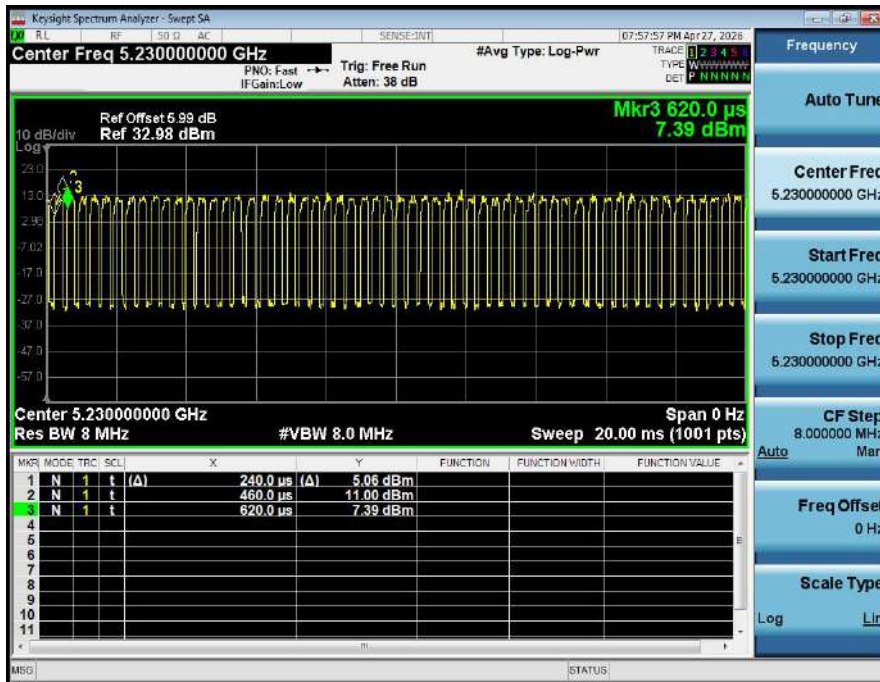
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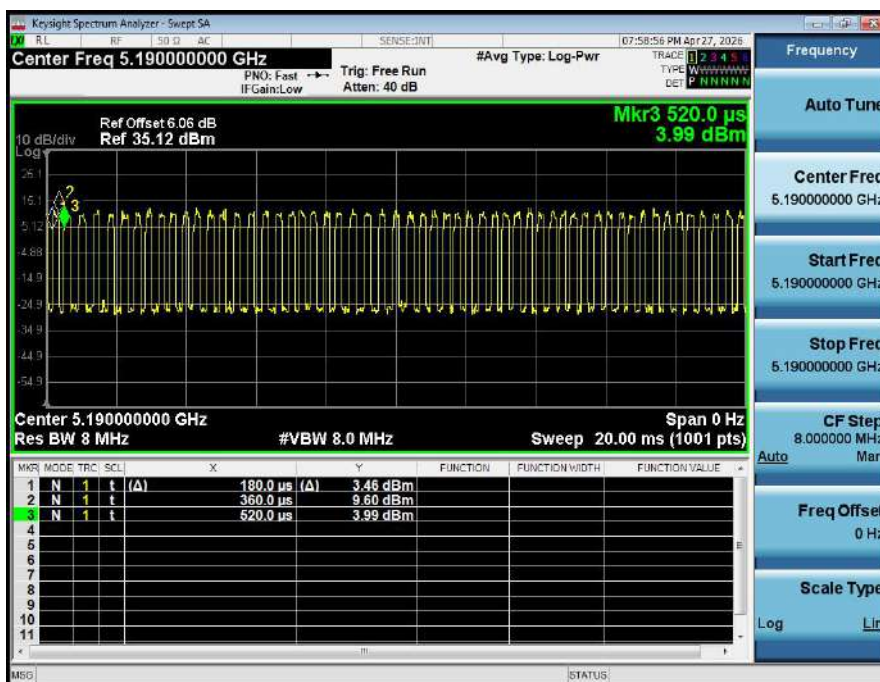
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5190



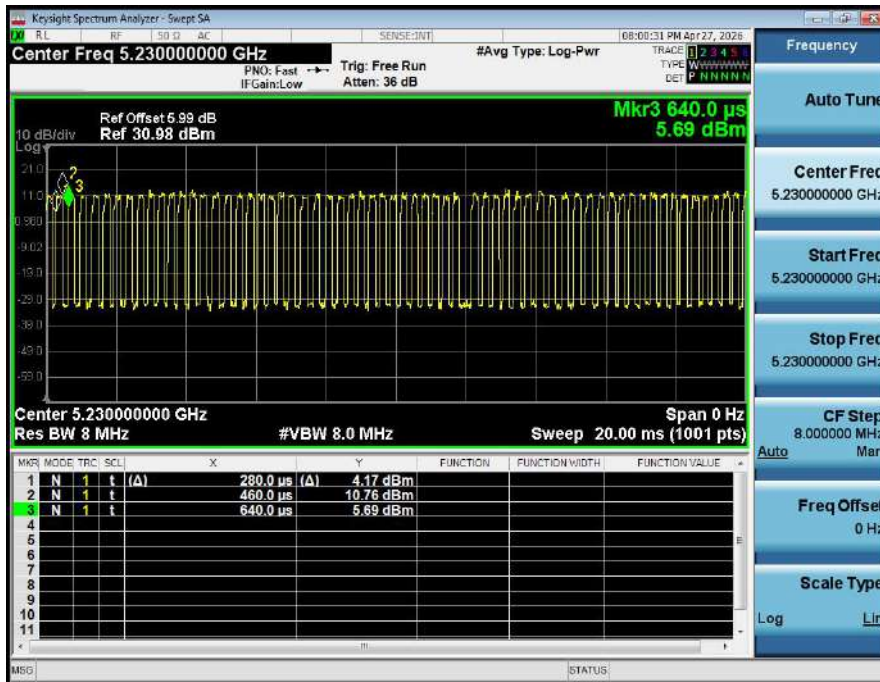
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5230



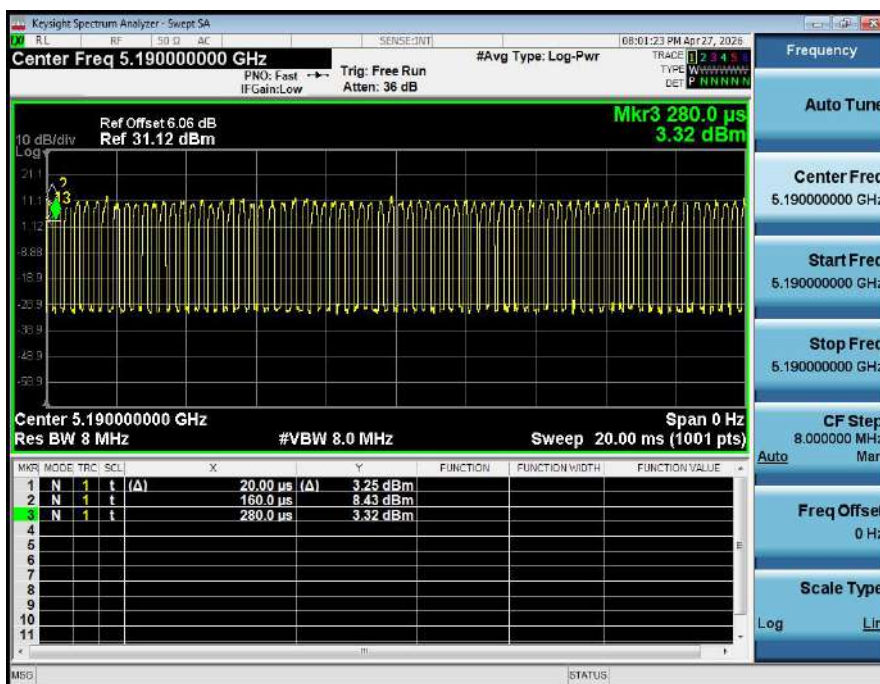
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5190



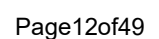
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5230



Duty_Cycle_NVNT_ANT1_802_11ax(HE40)_5190



Duty_Cycle_NVNT_ANT1_802_11ax(HE40)_5230



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	11.16	1.15	12.31	0.01702	24	Pass
NVNT	a	5200	Ant1	11.6	0.97	12.57	0.01807	24	Pass
NVNT	a	5240	Ant1	11.16	1.51	12.67	0.01849	24	Pass
NVNT	n20	5180	Ant1	9.59	0.16	9.75	0.00944	24	Pass
NVNT	n20	5200	Ant1	10.06	0.25	10.31	0.01074	24	Pass
NVNT	n20	5240	Ant1	8.87	0.14	9.01	0.00796	24	Pass
NVNT	n40	5190	Ant1	8.2	1.89	10.09	0.01021	24	Pass
NVNT	n40	5230	Ant1	9.97	2.37	12.34	0.01714	24	Pass
NVNT	ac20	5180	Ant1	9.26	0.11	9.37	0.00865	24	Pass
NVNT	ac20	5200	Ant1	10.26	0.14	10.4	0.01096	24	Pass
NVNT	ac20	5240	Ant1	12.1	0.18	12.28	0.01690	24	Pass
NVNT	ac40	5190	Ant1	8.18	2.76	10.94	0.01242	24	Pass
NVNT	ac40	5230	Ant1	9.88	3.01	12.89	0.01945	24	Pass
NVNT	ax20	5180	Ant1	9.12	0.18	9.3	0.00851	24	Pass
NVNT	ax20	5200	Ant1	11.57	0.18	11.75	0.01496	24	Pass
NVNT	ax20	5240	Ant1	12.83	0.49	13.32	0.02148	24	Pass
NVNT	ax40	5190	Ant1	7.96	2.69	10.65	0.01161	24	Pass
NVNT	ax40	5230	Ant1	8.98	2.11	11.09	0.01285	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	27.17
NVNT	a	5200	Ant1	26.94
NVNT	a	5240	Ant1	26.79
NVNT	n20	5180	Ant1	28.12
NVNT	n20	5200	Ant1	28.13
NVNT	n20	5240	Ant1	27.53
NVNT	n40	5190	Ant1	45.37
NVNT	n40	5230	Ant1	40.67
NVNT	ac20	5180	Ant1	28.76
NVNT	ac20	5200	Ant1	27.43
NVNT	ac20	5240	Ant1	20.36
NVNT	ac40	5190	Ant1	46.79
NVNT	ac40	5230	Ant1	52.41
NVNT	ax20	5180	Ant1	22.33
NVNT	ax20	5200	Ant1	23.84
NVNT	ax20	5240	Ant1	19.89
NVNT	ax40	5190	Ant1	47.86
NVNT	ax40	5230	Ant1	54.29



-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



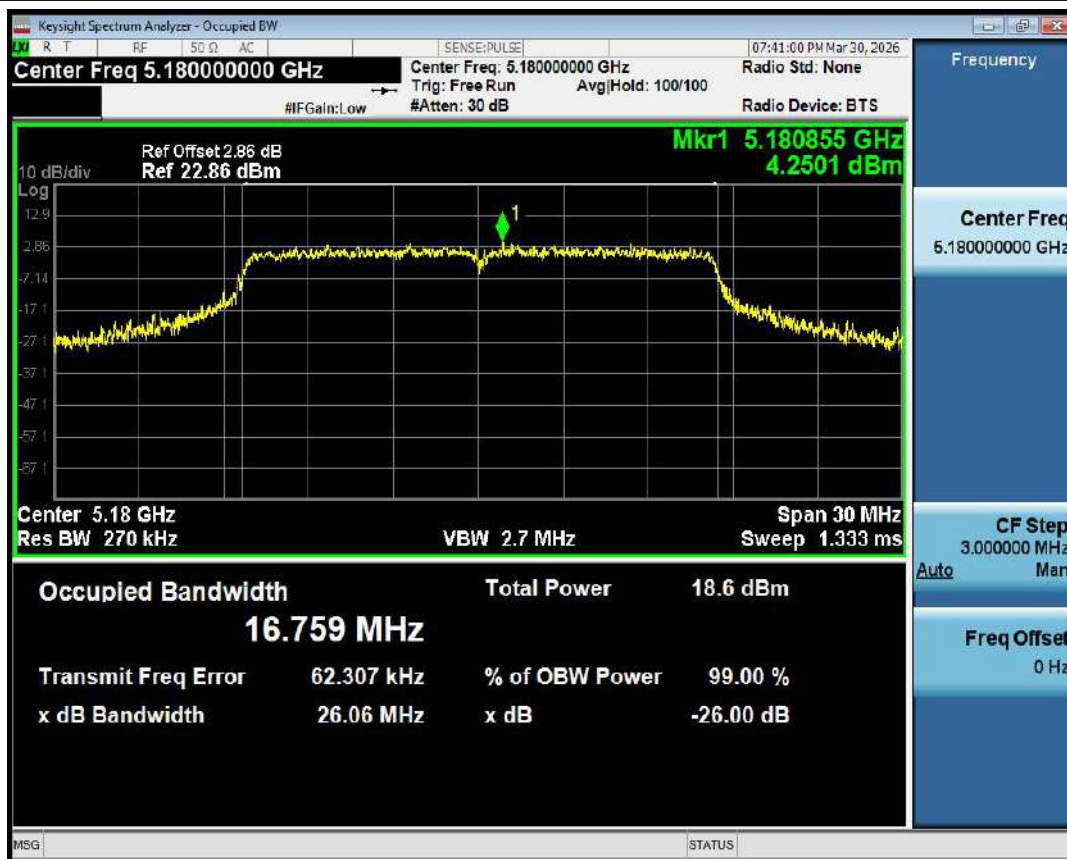
-26dB Bandwidth NVNT ax40 5190MHz Ant1



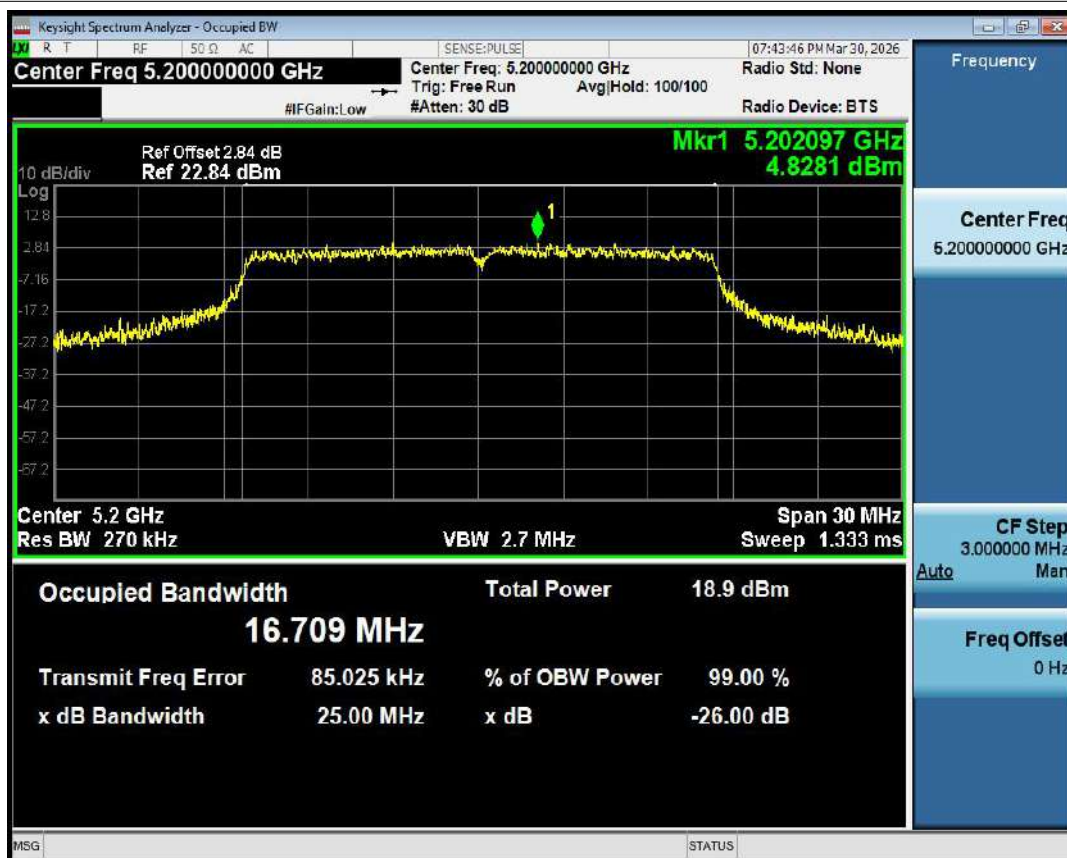
-26dB Bandwidth NVNT ax40 5230MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.759
NVNT	a	5200	Ant1	16.709
NVNT	a	5240	Ant1	16.755
NVNT	n20	5180	Ant1	18.038
NVNT	n20	5200	Ant1	17.968
NVNT	n20	5240	Ant1	17.975
NVNT	n40	5190	Ant1	36.424
NVNT	n40	5230	Ant1	36.474
NVNT	ac20	5180	Ant1	18.049
NVNT	ac20	5200	Ant1	18.022
NVNT	ac20	5240	Ant1	18
NVNT	ac40	5190	Ant1	36.38
NVNT	ac40	5230	Ant1	36.505
NVNT	ax20	5180	Ant1	19.099
NVNT	ax20	5200	Ant1	19.118
NVNT	ax20	5240	Ant1	19.079
NVNT	ax40	5190	Ant1	37.848
NVNT	ax40	5230	Ant1	37.949



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

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total Conducted PSD (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5180	Ant1	0.65	1.15	1.8	11	Pass
NVNT	a	5200	Ant1	0.65	0.97	1.62	11	Pass
NVNT	a	5240	Ant1	0.94	1.51	2.45	11	Pass
NVNT	n20	5180	Ant1	-4.72	0.16	-4.56	11	Pass
NVNT	n20	5200	Ant1	-1.12	0.25	-0.87	11	Pass
NVNT	n20	5240	Ant1	-2.35	0.14	-2.21	11	Pass
NVNT	n40	5190	Ant1	-6.3	1.89	-4.41	11	Pass
NVNT	n40	5230	Ant1	-3.8	2.37	-1.43	11	Pass
NVNT	ac20	5180	Ant1	-1.89	0.11	-1.78	11	Pass
NVNT	ac20	5200	Ant1	-0.88	0.14	-0.74	11	Pass
NVNT	ac20	5240	Ant1	0.78	0.18	0.96	11	Pass
NVNT	ac40	5190	Ant1	-6.03	2.76	-3.27	11	Pass
NVNT	ac40	5230	Ant1	-3.87	3.01	-0.86	11	Pass
NVNT	ax20	5180	Ant1	-2.22	0.18	-2.04	11	Pass
NVNT	ax20	5200	Ant1	0.46	0.18	0.64	11	Pass
NVNT	ax20	5240	Ant1	1.45	0.49	1.94	11	Pass
NVNT	ax40	5190	Ant1	-5.79	2.69	-3.1	11	Pass
NVNT	ax40	5230	Ant1	-4.91	2.11	-2.8	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

Frequency Stability

Condition	Antenna	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&&3.80V	ANT1	5180.00	5180.026	5170.950	5189.104	5150~5250	Pass
45degrees C&&3.80V	ANT1	5180.00	5180.012	5171.536	5188.478	5150~5250	Pass
35degrees C&&3.80V	ANT1	5180.00	5180.001	5171.722	5188.285	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.003	5171.825	5188.179	5150~5250	Pass
15degrees C&&3.80V	ANT1	5180.00	5179.996	5171.885	5188.105	5150~5250	Pass
5degrees C&&3.80V	ANT1	5180.00	5179.992	5171.952	5188.034	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5180.00	5180.006	5172.012	5187.995	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5180.00	5180.015	5172.082	5187.943	5150~5250	Pass
25degrees C&&4.37V	ANT1	5180.00	5180.005	5172.136	5187.888	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.004	5172.181	5187.832	5150~5250	Pass
25degrees C&&3.23V	ANT1	5180.00	5180.010	5172.233	5187.776	5150~5250	Pass
55degrees C&&3.80V	ANT1	5200.00	5200.057	5190.989	5209.118	5150~5250	Pass
45degrees C&&3.80V	ANT1	5200.00	5199.986	5191.513	5208.466	5150~5250	Pass
35degrees C&&3.80V	ANT1	5200.00	5199.997	5191.693	5208.291	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5199.992	5191.807	5208.185	5150~5250	Pass
15degrees C&&3.80V	ANT1	5200.00	5199.983	5191.876	5208.095	5150~5250	Pass
5degrees C&&3.80V	ANT1	5200.00	5199.995	5191.946	5208.036	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5200.00	5199.997	5192.006	5207.989	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5200.00	5200.000	5192.073	5207.926	5150~5250	Pass
25degrees C&&4.37V	ANT1	5200.00	5200.016	5192.136	5207.897	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5200.011	5192.201	5207.832	5150~5250	Pass
25degrees C&&3.23V	ANT1	5200.00	5200.017	5192.260	5207.777	5150~5250	Pass
55degrees C&&3.80V	ANT1	5240.00	5239.918	5230.894	5248.937	5150~5250	Pass
45degrees C&&3.80V	ANT1	5240.00	5239.957	5231.500	5248.400	5150~5250	Pass
35degrees C&&3.80V	ANT1	5240.00	5239.945	5231.679	5248.212	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.958	5231.776	5248.125	5150~5250	Pass
15degrees C&&3.80V	ANT1	5240.00	5239.957	5231.866	5248.038	5150~5250	Pass
5degrees C&&3.80V	ANT1	5240.00	5239.964	5231.920	5247.989	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5240.00	5239.960	5231.989	5247.926	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5240.00	5239.958	5232.037	5247.867	5150~5250	Pass
25degrees C&&4.37V	ANT1	5240.00	5239.959	5232.092	5247.821	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.948	5232.131	5247.761	5150~5250	Pass
25degrees C&&3.23V	ANT1	5240.00	5239.928	5232.176	5247.675	5150~5250	Pass
55degrees C&&3.80V	ANT1	5180.00	5180.051	5170.437	5189.668	5150~5250	Pass
45degrees C&&3.80V	ANT1	5180.00	5180.030	5170.977	5189.079	5150~5250	Pass
35degrees C&&3.80V	ANT1	5180.00	5179.997	5171.133	5188.864	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5179.999	5171.233	5188.759	5150~5250	Pass
15degrees C&&3.80V	ANT1	5180.00	5180.002	5171.309	5188.703	5150~5250	Pass
5degrees C&&3.80V	ANT1	5180.00	5180.012	5171.389	5188.644	5150~5250	Pass

-5degrees C&&3.80V	ANT1	5180.00	5180.008	5171.458	5188.564	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5180.00	5180.020	5171.524	5188.522	5150~5250	Pass
25degrees C&&4.37V	ANT1	5180.00	5180.025	5171.578	5188.470	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.027	5171.636	5188.420	5150~5250	Pass
25degrees C&&3.23V	ANT1	5180.00	5180.034	5171.691	5188.374	5150~5250	Pass
55degrees C&&3.80V	ANT1	5200.00	5200.045	5190.533	5209.555	5150~5250	Pass
45degrees C&&3.80V	ANT1	5200.00	5199.997	5190.973	5209.027	5150~5250	Pass
35degrees C&&3.80V	ANT1	5200.00	5199.996	5191.136	5208.860	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5200.011	5191.224	5208.791	5150~5250	Pass
15degrees C&&3.80V	ANT1	5200.00	5199.991	5191.297	5208.697	5150~5250	Pass
5degrees C&&3.80V	ANT1	5200.00	5199.993	5191.376	5208.616	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5200.00	5199.999	5191.425	5208.563	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5200.00	5200.001	5191.492	5208.508	5150~5250	Pass
25degrees C&&4.37V	ANT1	5200.00	5199.999	5191.536	5208.465	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5200.010	5191.592	5208.425	5150~5250	Pass
25degrees C&&3.23V	ANT1	5200.00	5200.012	5191.646	5208.376	5150~5250	Pass
55degrees C&&3.80V	ANT1	5240.00	5239.914	5230.367	5249.459	5150~5250	Pass
45degrees C&&3.80V	ANT1	5240.00	5239.954	5230.906	5248.989	5150~5250	Pass
35degrees C&&3.80V	ANT1	5240.00	5239.950	5231.074	5248.826	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.950	5231.191	5248.711	5150~5250	Pass
15degrees C&&3.80V	ANT1	5240.00	5239.954	5231.279	5248.632	5150~5250	Pass
5degrees C&&3.80V	ANT1	5240.00	5239.960	5231.339	5248.576	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5240.00	5239.955	5231.397	5248.521	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5240.00	5239.956	5231.469	5248.442	5150~5250	Pass
25degrees C&&4.37V	ANT1	5240.00	5239.950	5231.520	5248.391	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.961	5231.566	5248.350	5150~5250	Pass
25degrees C&&3.23V	ANT1	5240.00	5239.955	5231.638	5248.275	5150~5250	Pass
55degrees C&&3.80V	ANT1	5180.00	5180.048	5170.403	5189.695	5150~5250	Pass
45degrees C&&3.80V	ANT1	5180.00	5180.017	5170.942	5189.102	5150~5250	Pass
35degrees C&&3.80V	ANT1	5180.00	5180.007	5171.118	5188.890	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.009	5171.232	5188.789	5150~5250	Pass
15degrees C&&3.80V	ANT1	5180.00	5180.010	5171.304	5188.703	5150~5250	Pass
5degrees C&&3.80V	ANT1	5180.00	5180.012	5171.393	5188.638	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5180.00	5180.011	5171.450	5188.576	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5180.00	5180.024	5171.526	5188.526	5150~5250	Pass
25degrees C&&4.37V	ANT1	5180.00	5180.052	5171.594	5188.511	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.037	5171.664	5188.413	5150~5250	Pass
25degrees C&&3.23V	ANT1	5180.00	5180.046	5171.733	5188.375	5150~5250	Pass
55degrees C&&3.80V	ANT1	5200.00	5200.045	5190.478	5209.620	5150~5250	Pass
45degrees C&&3.80V	ANT1	5200.00	5200.049	5190.990	5209.105	5150~5250	Pass
35degrees C&&3.80V	ANT1	5200.00	5200.020	5191.146	5208.899	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5200.012	5191.244	5208.768	5150~5250	Pass
15degrees C&&3.80V	ANT1	5200.00	5200.009	5191.323	5208.700	5150~5250	Pass

5degrees C&&3.80V	ANT1	5200.00	5200.013	5191.392	5208.639	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5200.00	5200.009	5191.454	5208.560	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5200.00	5200.031	5191.521	5208.532	5150~5250	Pass
25degrees C&&4.37V	ANT1	5200.00	5200.028	5191.588	5208.467	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5200.024	5191.649	5208.404	5150~5250	Pass
25degrees C&&3.23V	ANT1	5200.00	5200.053	5191.719	5208.382	5150~5250	Pass
55degrees C&&3.80V	ANT1	5240.00	5239.938	5230.335	5249.545	5150~5250	Pass
45degrees C&&3.80V	ANT1	5240.00	5239.936	5230.888	5248.977	5150~5250	Pass
35degrees C&&3.80V	ANT1	5240.00	5239.948	5231.080	5248.809	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.950	5231.185	5248.710	5150~5250	Pass
15degrees C&&3.80V	ANT1	5240.00	5239.942	5231.261	5248.631	5150~5250	Pass
5degrees C&&3.80V	ANT1	5240.00	5239.957	5231.331	5248.576	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5240.00	5239.937	5231.380	5248.492	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5240.00	5239.937	5231.434	5248.440	5150~5250	Pass
25degrees C&&4.37V	ANT1	5240.00	5239.943	5231.491	5248.390	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.950	5231.560	5248.339	5150~5250	Pass
25degrees C&&3.23V	ANT1	5240.00	5239.961	5231.613	5248.298	5150~5250	Pass
55degrees C&&3.80V	ANT1	5180.00	5179.990	5170.173	5189.806	5150~5250	Pass
45degrees C&&3.80V	ANT1	5180.00	5180.011	5170.416	5189.608	5150~5250	Pass
35degrees C&&3.80V	ANT1	5180.00	5179.998	5170.522	5189.469	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.003	5170.617	5189.395	5150~5250	Pass
15degrees C&&3.80V	ANT1	5180.00	5179.904	5170.684	5189.118	5150~5250	Pass
5degrees C&&3.80V	ANT1	5180.00	5180.042	5170.740	5189.356	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5180.00	5180.029	5170.806	5189.250	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5180.00	5180.052	5170.902	5189.206	5150~5250	Pass
25degrees C&&4.37V	ANT1	5180.00	5180.050	5170.944	5189.148	5150~5250	Pass
25degrees C&&3.80V	ANT1	5180.00	5180.020	5171.000	5189.048	5150~5250	Pass
25degrees C&&3.23V	ANT1	5180.00	5180.029	5171.055	5188.990	5150~5250	Pass
55degrees C&&3.80V	ANT1	5200.00	5199.999	5190.142	5209.858	5150~5250	Pass
45degrees C&&3.80V	ANT1	5200.00	5199.995	5190.406	5209.569	5150~5250	Pass
35degrees C&&3.80V	ANT1	5200.00	5199.986	5190.530	5209.439	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5200.001	5190.613	5209.386	5150~5250	Pass
15degrees C&&3.80V	ANT1	5200.00	5199.978	5190.656	5209.307	5150~5250	Pass
5degrees C&&3.80V	ANT1	5200.00	5199.991	5190.738	5209.252	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5200.00	5200.016	5190.809	5209.233	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5200.00	5200.012	5190.875	5209.158	5150~5250	Pass
25degrees C&&4.37V	ANT1	5200.00	5200.011	5190.925	5209.081	5150~5250	Pass
25degrees C&&3.80V	ANT1	5200.00	5199.979	5191.012	5208.958	5150~5250	Pass
25degrees C&&3.23V	ANT1	5200.00	5200.027	5191.096	5208.952	5150~5250	Pass
55degrees C&&3.80V	ANT1	5240.00	5239.964	5230.187	5249.742	5150~5250	Pass
45degrees C&&3.80V	ANT1	5240.00	5239.963	5230.400	5249.533	5150~5250	Pass
35degrees C&&3.80V	ANT1	5240.00	5239.956	5230.501	5249.399	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.961	5230.568	5249.341	5150~5250	Pass

15degrees C&&3.80V	ANT1	5240.00	5239.954	5230.627	5249.281	5150~5250	Pass
5degrees C&&3.80V	ANT1	5240.00	5239.966	5230.705	5249.228	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5240.00	5239.945	5230.770	5249.125	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5240.00	5239.956	5230.842	5249.078	5150~5250	Pass
25degrees C&&4.37V	ANT1	5240.00	5239.980	5230.931	5249.029	5150~5250	Pass
25degrees C&&3.80V	ANT1	5240.00	5239.987	5230.992	5248.977	5150~5250	Pass
25degrees C&&3.23V	ANT1	5240.00	5239.977	5231.055	5248.903	5150~5250	Pass
55degrees C&&3.80V	ANT1	5190.00	5189.983	5171.666	5208.293	5150~5250	Pass
45degrees C&&3.80V	ANT1	5190.00	5190.001	5171.869	5208.136	5150~5250	Pass
35degrees C&&3.80V	ANT1	5190.00	5190.022	5172.032	5208.003	5150~5250	Pass
25degrees C&&3.80V	ANT1	5190.00	5190.024	5172.173	5207.885	5150~5250	Pass
15degrees C&&3.80V	ANT1	5190.00	5190.040	5172.232	5207.833	5150~5250	Pass
5degrees C&&3.80V	ANT1	5190.00	5190.047	5172.326	5207.766	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5190.00	5189.988	5172.436	5207.532	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5190.00	5189.995	5172.531	5207.455	5150~5250	Pass
25degrees C&&4.37V	ANT1	5190.00	5190.022	5172.638	5207.414	5150~5250	Pass
25degrees C&&3.80V	ANT1	5190.00	5190.037	5172.769	5207.317	5150~5250	Pass
25degrees C&&3.23V	ANT1	5190.00	5189.969	5172.871	5207.077	5150~5250	Pass
55degrees C&&3.80V	ANT1	5230.00	5229.994	5211.676	5248.309	5150~5250	Pass
45degrees C&&3.80V	ANT1	5230.00	5230.021	5211.922	5248.128	5150~5250	Pass
35degrees C&&3.80V	ANT1	5230.00	5229.998	5212.072	5247.938	5150~5250	Pass
25degrees C&&3.80V	ANT1	5230.00	5230.017	5212.193	5247.849	5150~5250	Pass
15degrees C&&3.80V	ANT1	5230.00	5229.991	5212.306	5247.672	5150~5250	Pass
5degrees C&&3.80V	ANT1	5230.00	5230.014	5212.412	5247.617	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5230.00	5230.003	5212.505	5247.504	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5230.00	5229.972	5212.602	5247.345	5150~5250	Pass
25degrees C&&4.37V	ANT1	5230.00	5230.026	5212.712	5247.330	5150~5250	Pass
25degrees C&&3.80V	ANT1	5230.00	5230.052	5212.853	5247.258	5150~5250	Pass
25degrees C&&3.23V	ANT1	5230.00	5230.059	5212.991	5247.132	5150~5250	Pass
55degrees C&&3.80V	ANT1	5190.00	5190.068	5171.625	5208.513	5150~5250	Pass
45degrees C&&3.80V	ANT1	5190.00	5190.062	5171.928	5208.210	5150~5250	Pass
35degrees C&&3.80V	ANT1	5190.00	5190.063	5172.067	5208.048	5150~5250	Pass
25degrees C&&3.80V	ANT1	5190.00	5190.108	5172.251	5207.961	5150~5250	Pass
15degrees C&&3.80V	ANT1	5190.00	5190.104	5172.387	5207.834	5150~5250	Pass
5degrees C&&3.80V	ANT1	5190.00	5190.125	5172.524	5207.728	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5190.00	5190.148	5172.640	5207.650	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5190.00	5190.187	5172.785	5207.587	5150~5250	Pass
25degrees C&&4.37V	ANT1	5190.00	5190.186	5172.910	5207.465	5150~5250	Pass
25degrees C&&3.80V	ANT1	5190.00	5190.226	5173.080	5207.380	5150~5250	Pass
25degrees C&&3.23V	ANT1	5190.00	5190.221	5173.184	5207.261	5150~5250	Pass
55degrees C&&3.80V	ANT1	5230.00	5229.993	5211.631	5248.365	5150~5250	Pass
45degrees C&&3.80V	ANT1	5230.00	5230.021	5211.888	5248.158	5150~5250	Pass
35degrees C&&3.80V	ANT1	5230.00	5230.008	5212.037	5247.977	5150~5250	Pass

25degrees C&&3.80V	ANT1	5230.00	5230.007	5212.181	5247.835	5150~5250	Pass
15degrees C&&3.80V	ANT1	5230.00	5230.001	5212.302	5247.706	5150~5250	Pass
5degrees C&&3.80V	ANT1	5230.00	5230.025	5212.444	5247.604	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5230.00	5230.037	5212.569	5247.507	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5230.00	5230.050	5212.673	5247.425	5150~5250	Pass
25degrees C&&4.37V	ANT1	5230.00	5230.039	5212.799	5247.284	5150~5250	Pass
25degrees C&&3.80V	ANT1	5230.00	5230.038	5212.933	5247.140	5150~5250	Pass
25degrees C&&3.23V	ANT1	5230.00	5230.074	5213.065	5247.072	5150~5250	Pass
55degrees C&&3.80V	ANT1	5190.00	5190.069	5170.984	5209.162	5150~5250	Pass
45degrees C&&3.80V	ANT1	5190.00	5190.072	5171.171	5208.973	5150~5250	Pass
35degrees C&&3.80V	ANT1	5190.00	5190.077	5171.310	5208.848	5150~5250	Pass
25degrees C&&3.80V	ANT1	5190.00	5190.147	5171.473	5208.816	5150~5250	Pass
15degrees C&&3.80V	ANT1	5190.00	5190.151	5171.612	5208.695	5150~5250	Pass
5degrees C&&3.80V	ANT1	5190.00	5190.186	5171.781	5208.599	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5190.00	5190.157	5171.901	5208.417	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5190.00	5190.164	5172.033	5208.288	5150~5250	Pass
25degrees C&&4.37V	ANT1	5190.00	5190.225	5172.192	5208.270	5150~5250	Pass
25degrees C&&3.80V	ANT1	5190.00	5190.274	5172.350	5208.197	5150~5250	Pass
25degrees C&&3.23V	ANT1	5190.00	5190.234	5172.483	5207.991	5150~5250	Pass
55degrees C&&3.80V	ANT1	5230.00	5230.012	5210.944	5249.083	5150~5250	Pass
45degrees C&&3.80V	ANT1	5230.00	5230.027	5211.131	5248.915	5150~5250	Pass
35degrees C&&3.80V	ANT1	5230.00	5229.989	5211.270	5248.715	5150~5250	Pass
25degrees C&&3.80V	ANT1	5230.00	5230.056	5211.441	5248.664	5150~5250	Pass
15degrees C&&3.80V	ANT1	5230.00	5230.043	5211.558	5248.529	5150~5250	Pass
5degrees C&&3.80V	ANT1	5230.00	5230.061	5211.657	5248.477	5150~5250	Pass
-5degrees C&&3.80V	ANT1	5230.00	5230.031	5211.801	5248.263	5150~5250	Pass
-15degrees C&&3.80V	ANT1	5230.00	5230.075	5211.928	5248.228	5150~5250	Pass
25degrees C&&4.37V	ANT1	5230.00	5230.039	5212.047	5248.034	5150~5250	Pass
25degrees C&&3.80V	ANT1	5230.00	5230.070	5212.204	5247.929	5150~5250	Pass
25degrees C&&3.23V	ANT1	5230.00	5230.095	5212.304	5247.897	5150~5250	Pass