

Fig.13



Fig.14

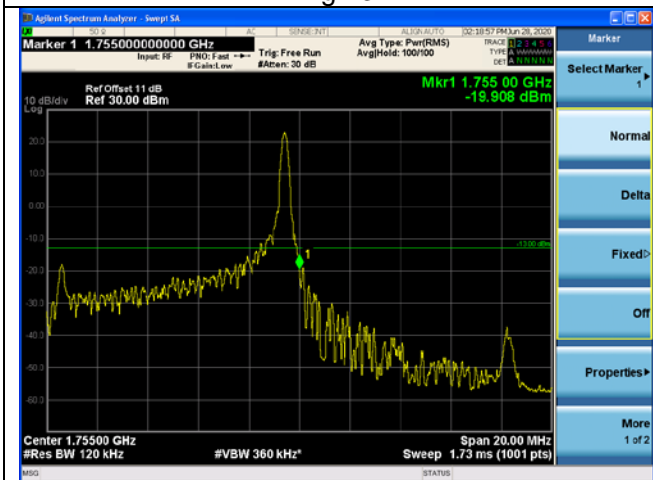


Fig.15



Fig.16

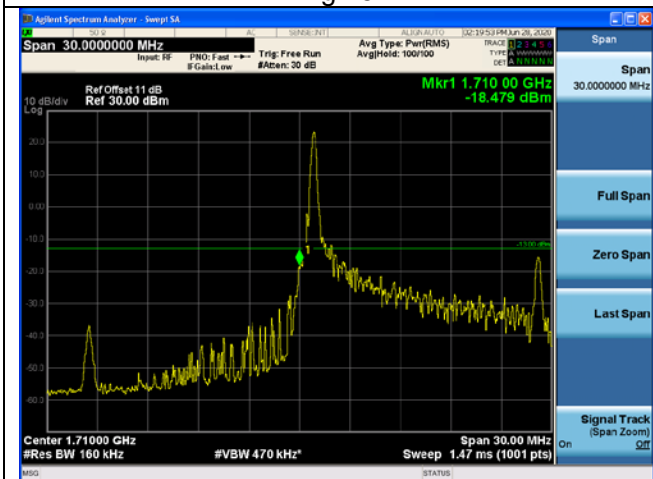


Fig.17

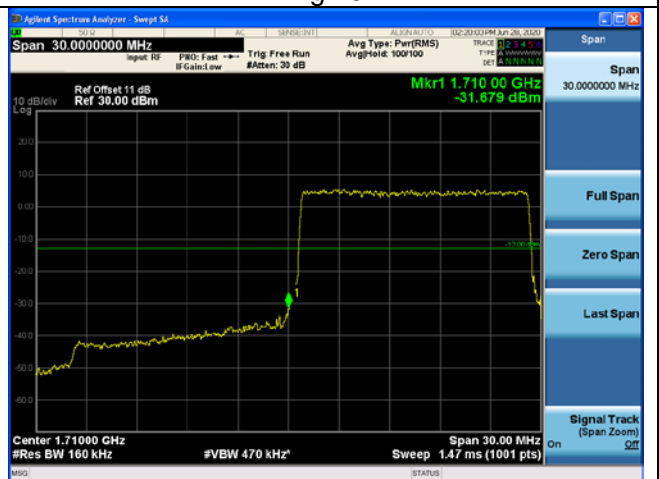


Fig.18

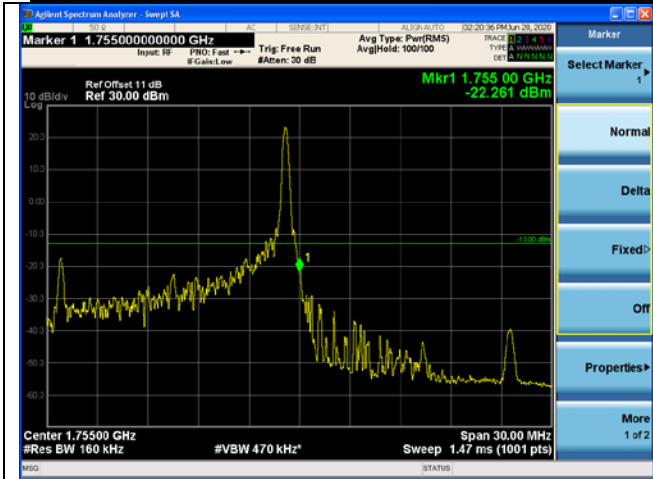


Fig.19



Fig.20

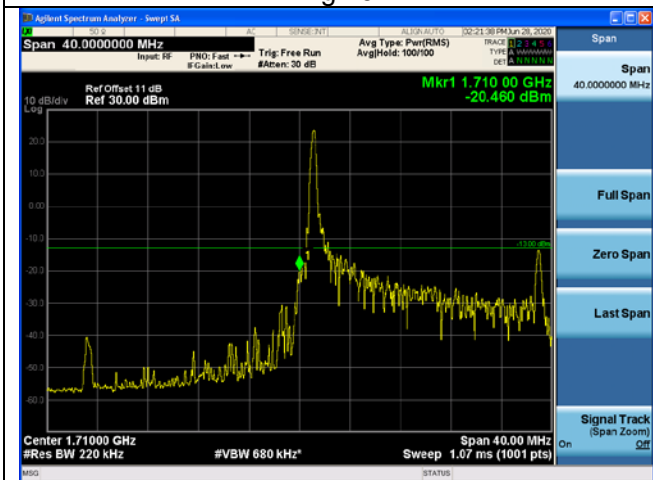


Fig.21

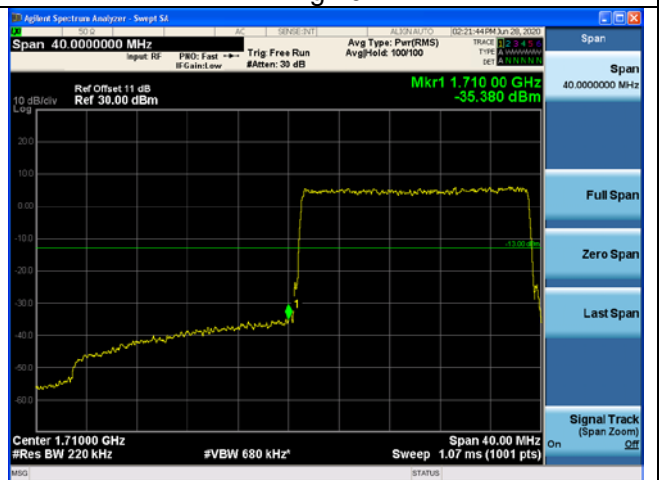


Fig.22

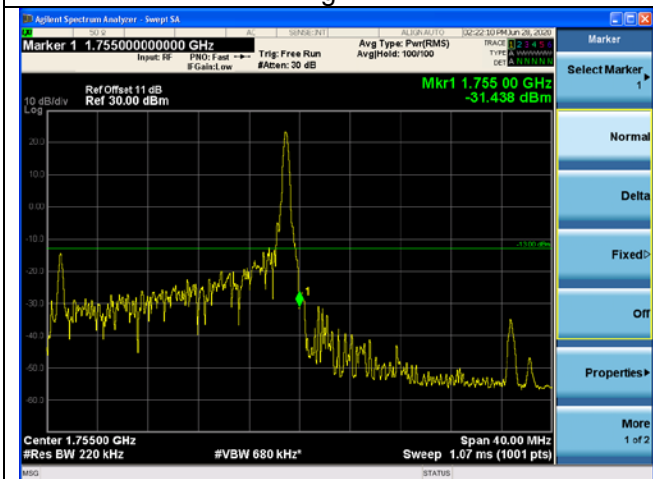


Fig.23



Fig.24

## 6 Frequency Stability

Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.027	0.025	0.049	0.038	0.024	0.030
0	NV	0.048	0.019	0.039	-0.043	-0.044	-0.005
+10	NV	-0.024	0.049	0.025	0.038	0.022	-0.045
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.013	-0.041	0.000	0.039	0.015	-0.045
+40	NV	0.031	-0.023	-0.025	-0.028	-0.007	0.050
+50	NV	0.018	-0.044	-0.018	-0.041	0.033	0.015
+55	NV	0.017	0.042	-0.037	0.006	-0.019	-0.018
+20	LV	-0.017	0.010	0.023	-0.032	0.021	-0.036
+20	HV	0.019	0.034	-0.016	-0.022	0.038	-0.046

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.030	-0.044	0.019	-0.008	0.046	-0.038
0	NV	0.011	-0.031	0.016	0.000	0.021	0.021
+10	NV	0.040	-0.030	-0.038	-0.030	0.020	0.005
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.019	0.018	-0.002	0.050	0.024	0.007
+40	NV	-0.036	0.037	0.015	0.013	-0.030	-0.027
+50	NV	-0.027	0.038	-0.042	0.032	0.035	-0.022
+55	NV	0.047	0.019	0.003	0.020	0.033	0.005
+20	LV	-0.024	-0.010	0.046	0.017	-0.001	0.044
+20	HV	0.003	0.021	-0.007	0.049	0.026	-0.050