

Fig.13



Fig.14

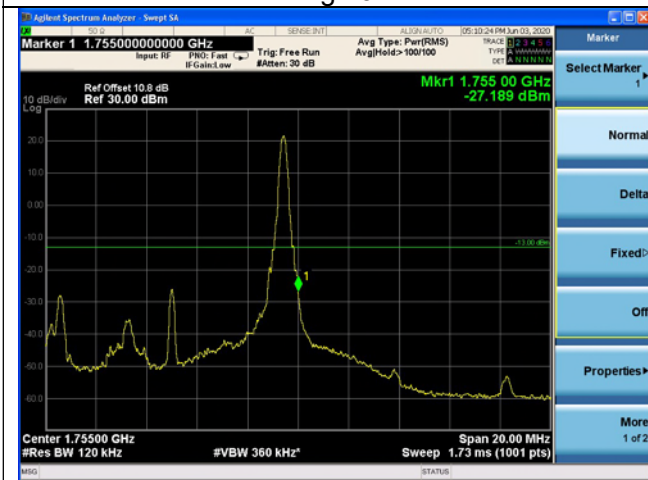


Fig.15

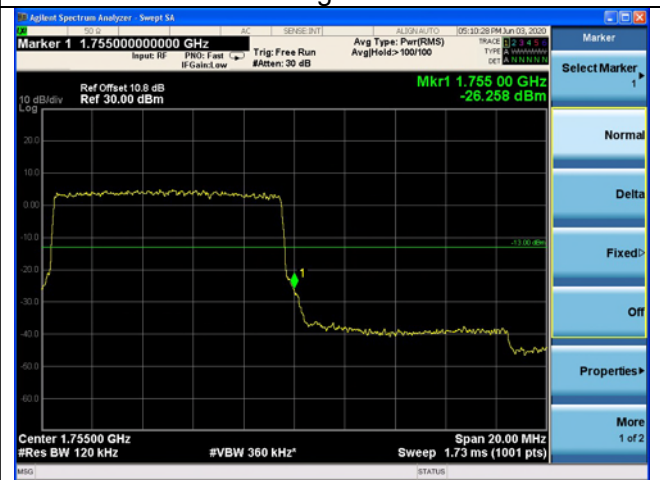


Fig.16

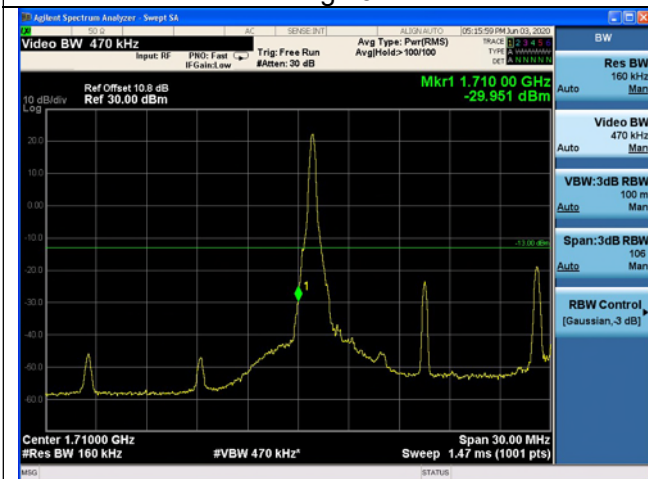


Fig.17

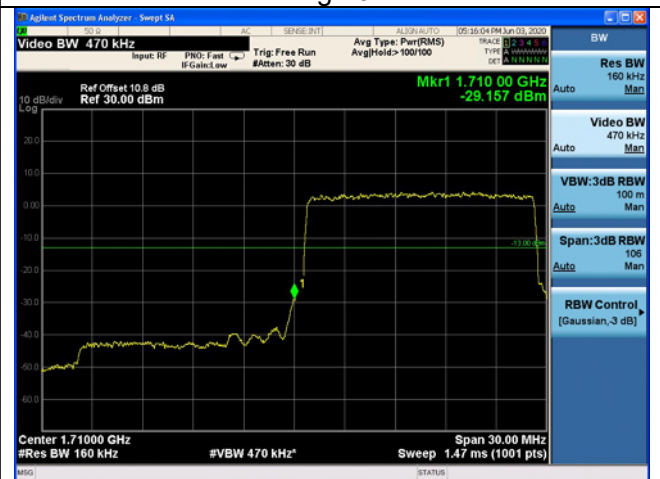


Fig.18

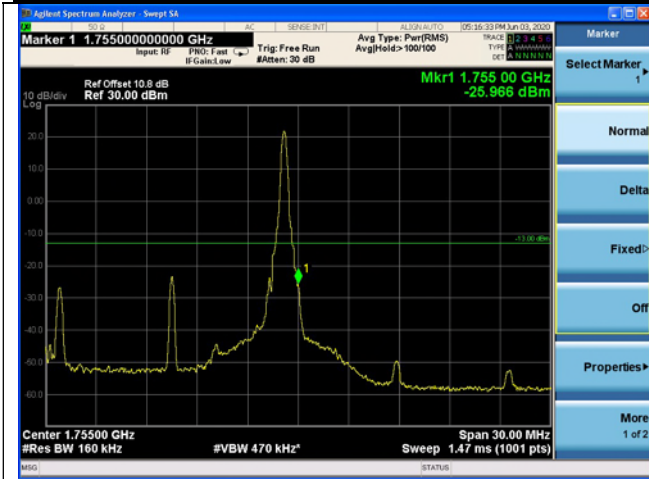


Fig.19



Fig.20

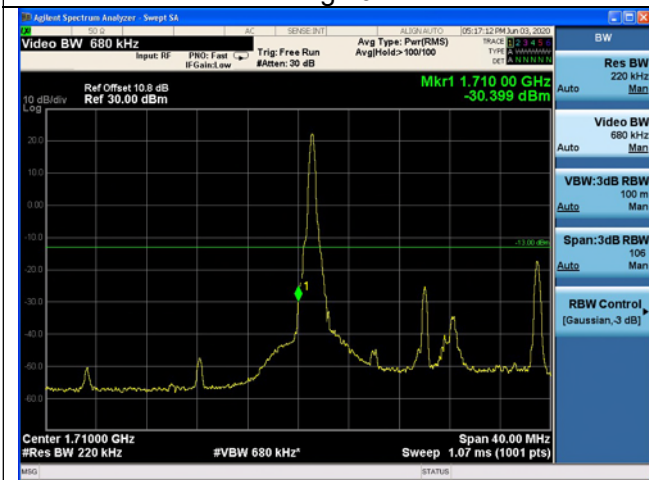


Fig.21

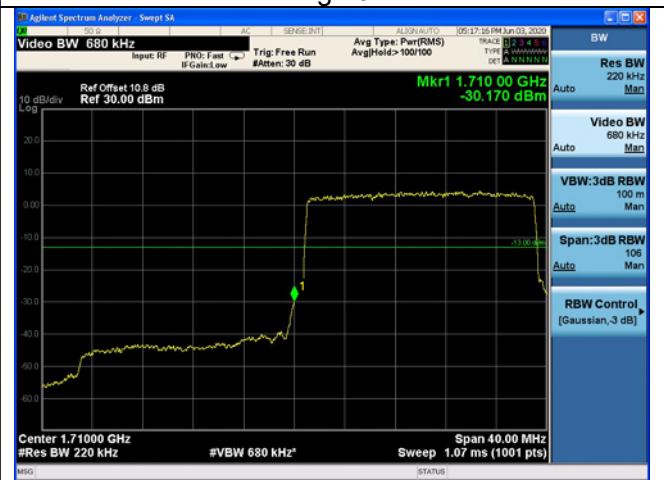


Fig.22

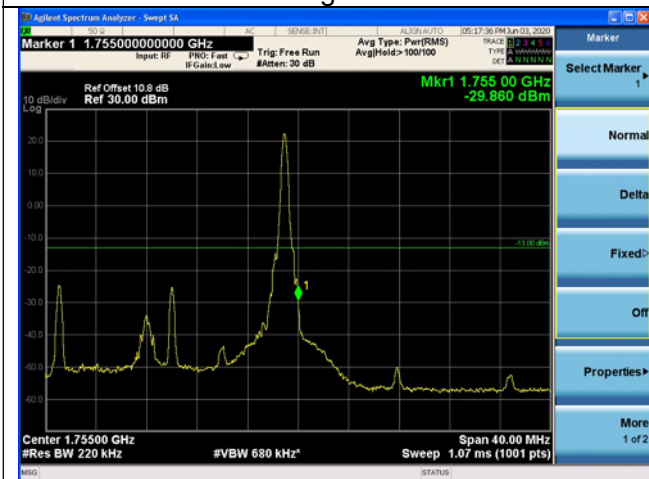


Fig.23



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	0.017	-0.068	0.040	0.005	-0.036	-0.048
0	NV	0.078	0.007	0.001	-0.009	-0.056	0.003
+10	NV	-0.041	0.054	0.061	-0.018	0.001	-0.019
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.024	0.007	-0.093	-0.033	-0.025	-0.030
+40	NV	0.001	-0.006	-0.022	-0.044	-0.032	0.021
+50	NV	0.069	0.054	0.029	-0.055	0.004	0.029
+55	NV	-0.019	0.070	-0.012	0.033	-0.006	-0.061
+20	LV	0.013	-0.039	-0.056	0.053	-0.005	0.005
+20	HV	0.037	0.010	-0.039	0.015	0.007	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.020	-0.027	-0.045	0.050	-0.035	-0.014
0	NV	-0.011	0.068	-0.003	-0.015	0.062	-0.020
+10	NV	-0.010	-0.048	0.055	-0.038	0.006	-0.054
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.012	-0.030	0.037	0.031	-0.039	0.091
+40	NV	0.015	-0.010	0.017	-0.008	0.052	0.001
+50	NV	-0.001	-0.059	-0.026	-0.025	-0.011	0.028
+55	NV	-0.013	0.036	-0.029	-0.031	-0.007	0.027
+20	LV	-0.004	0.006	0.045	-0.017	0.007	-0.088
+20	HV	0.045	-0.023	0.071	0.011	0.021	-0.001