

Fig.85

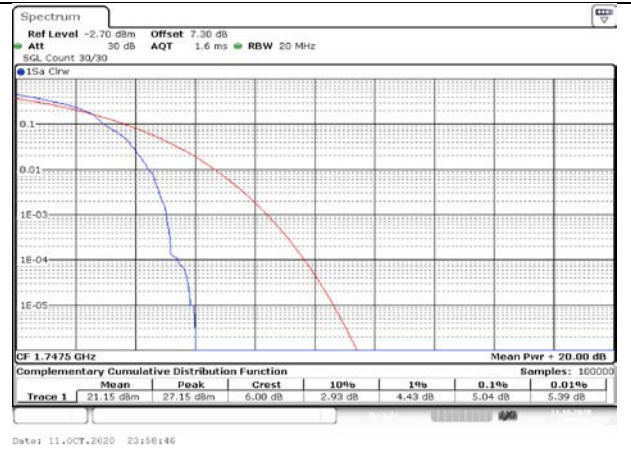


Fig.86

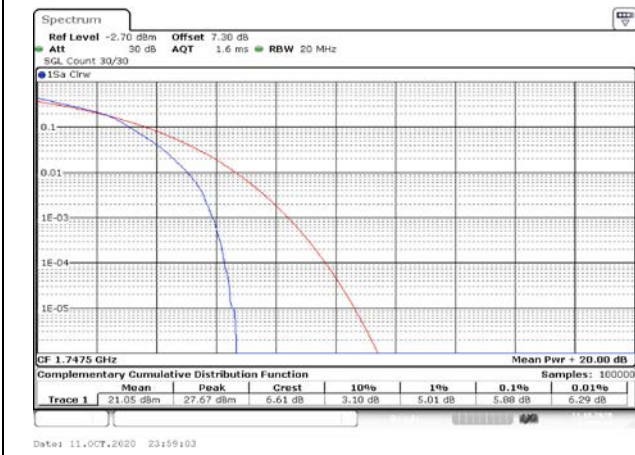


Fig.87

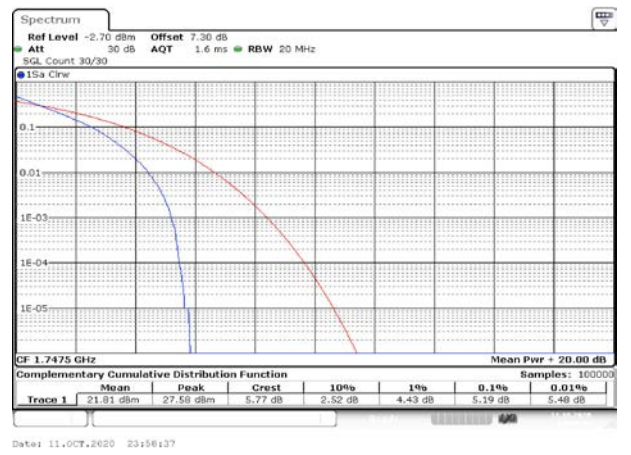


Fig.88

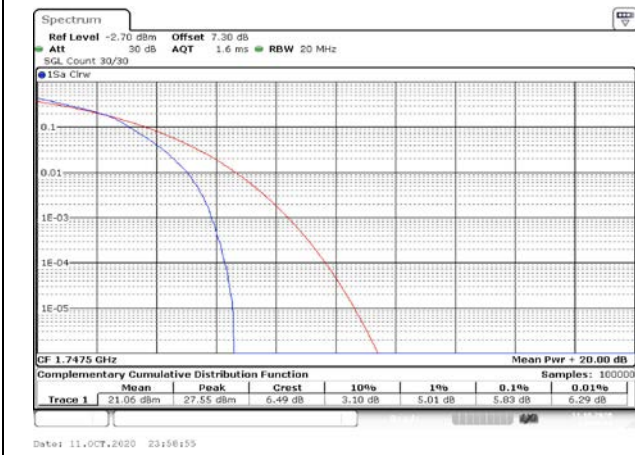


Fig.89

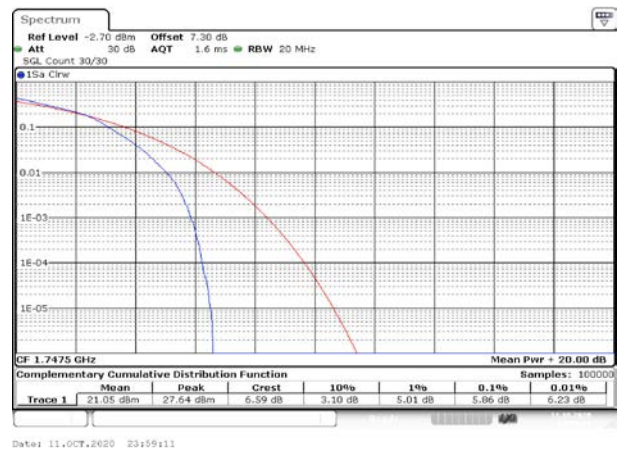


Fig.90

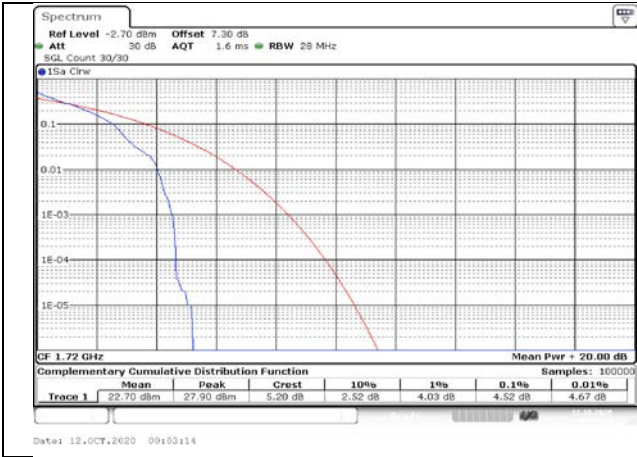


Fig.91



Fig.92

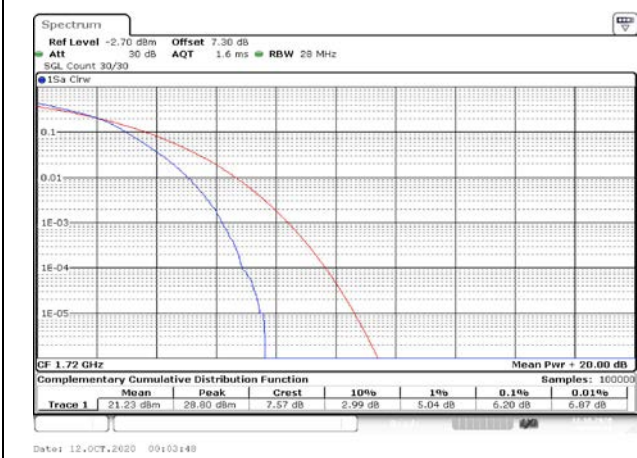


Fig.93

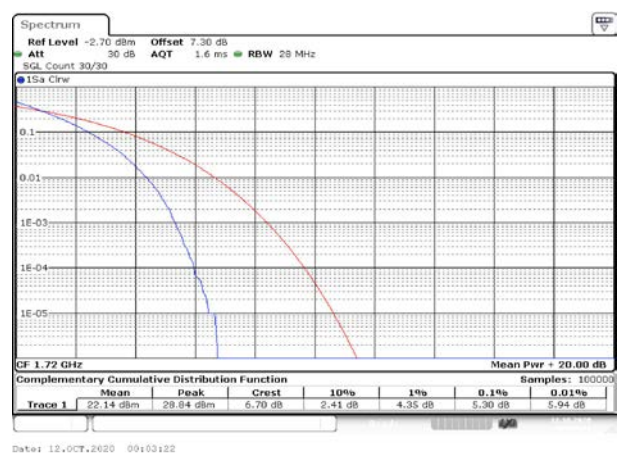


Fig.94

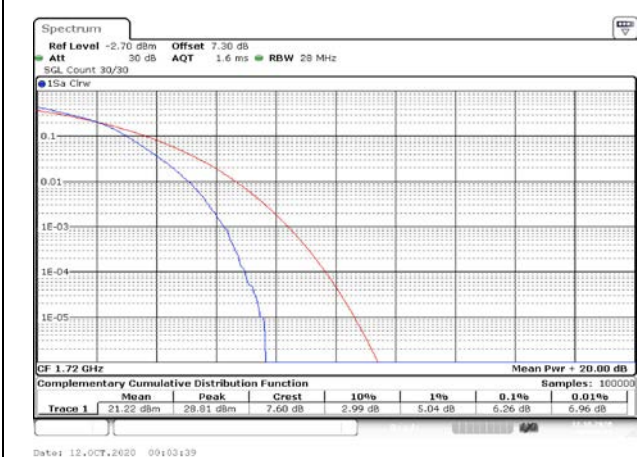


Fig.95

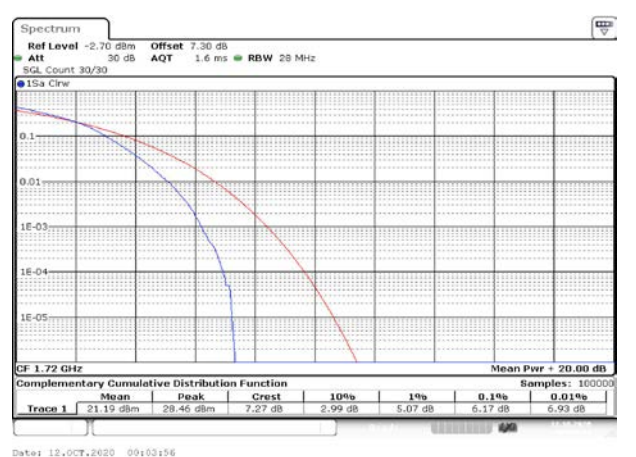


Fig.96

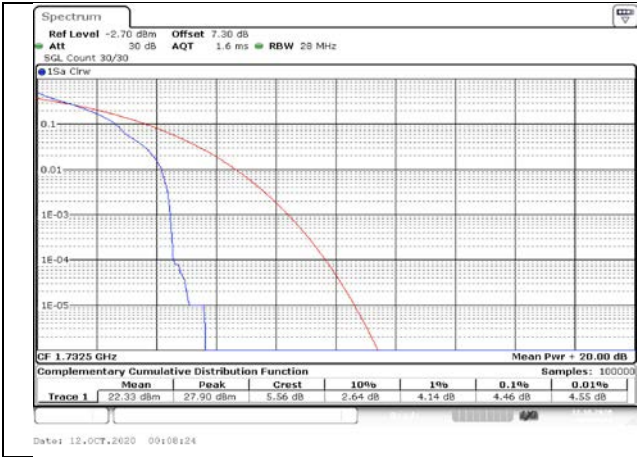


Fig.97



Fig.98

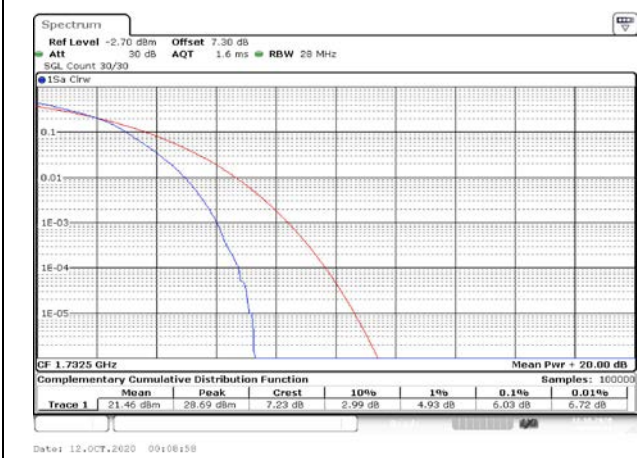


Fig.99

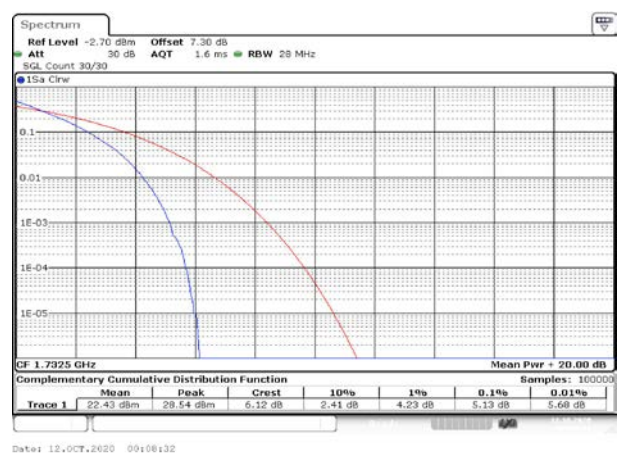


Fig.100

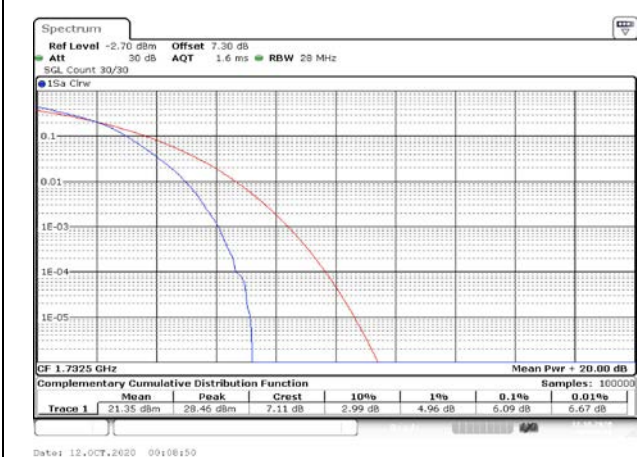


Fig.101

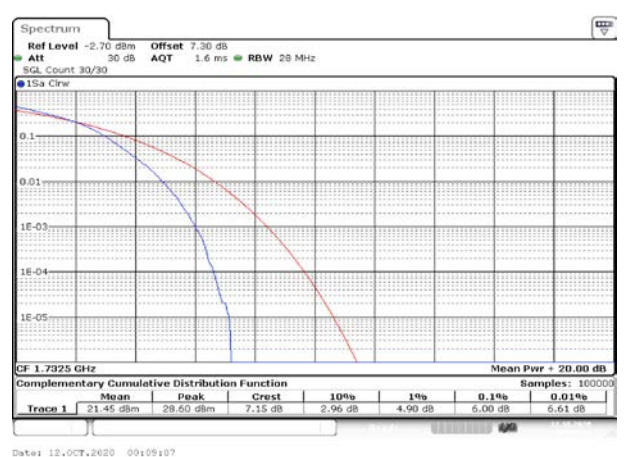


Fig.102

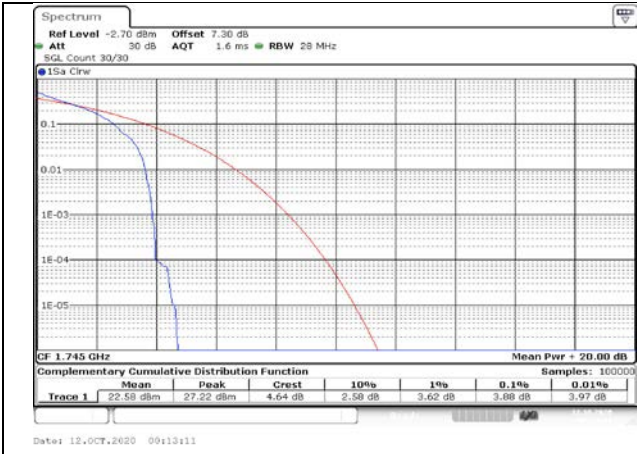


Fig.103



Fig.104

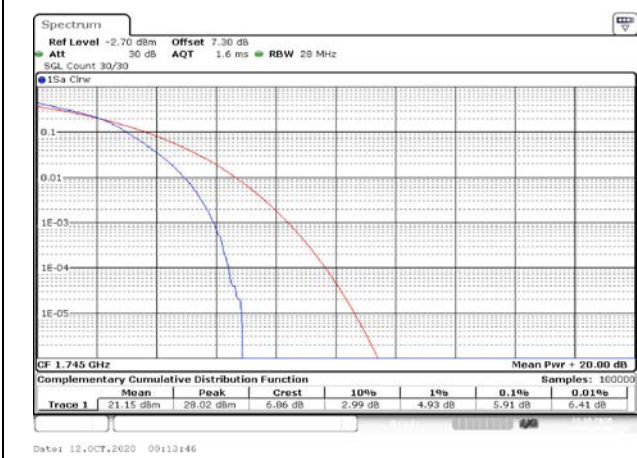


Fig.105

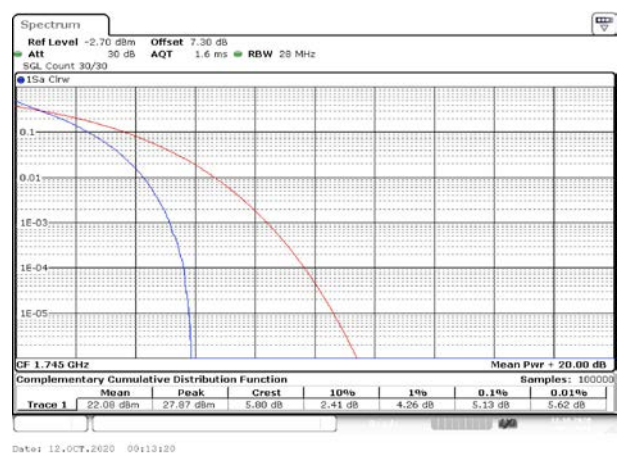


Fig.106

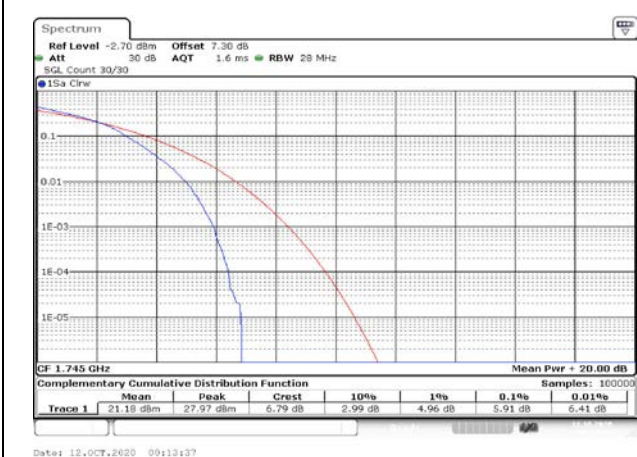


Fig.107

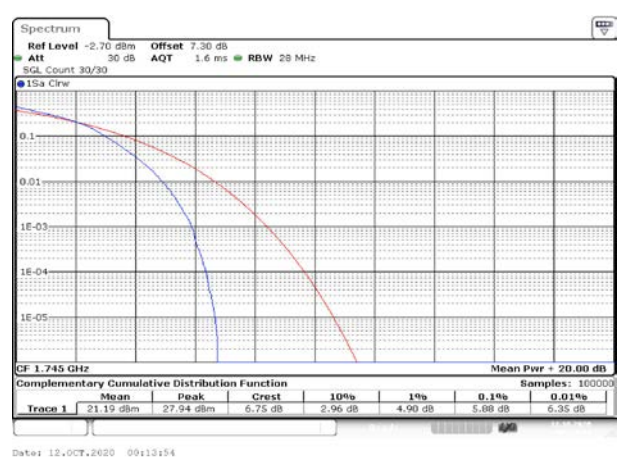


Fig.108

Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	99	Fig.1
	1732.5	20175	20	1	99	Fig.2
	1745	20300	20	1	99	Fig.3

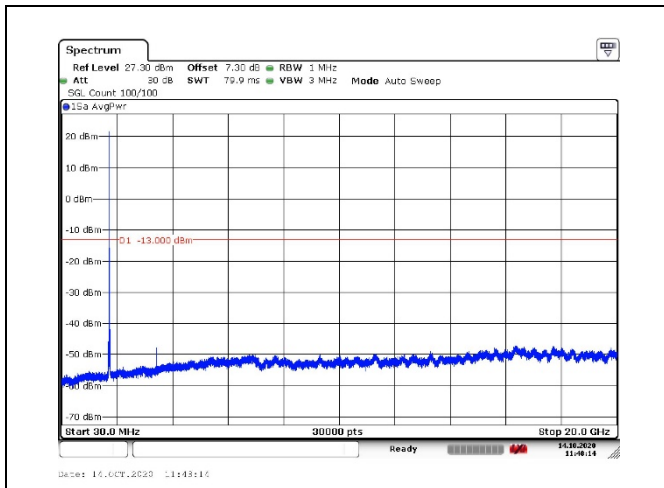


Fig.1

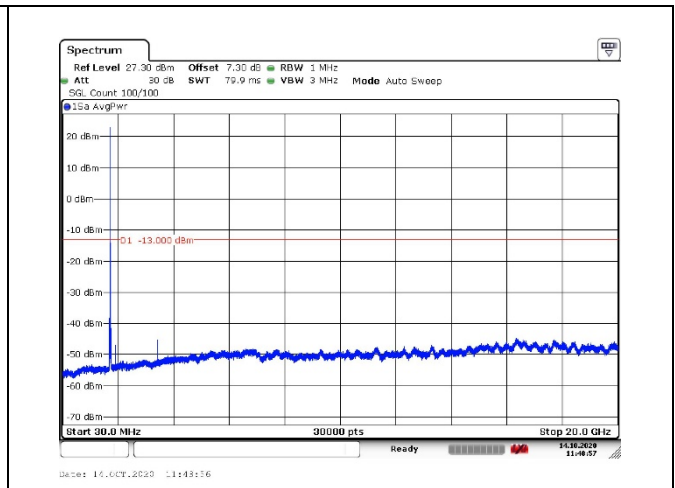


Fig.2

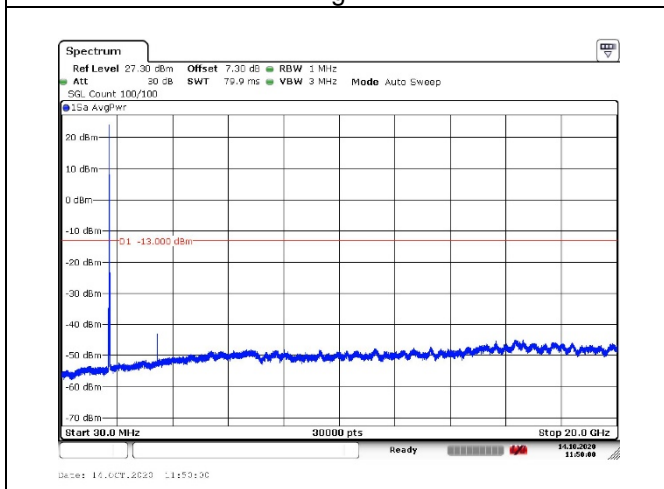
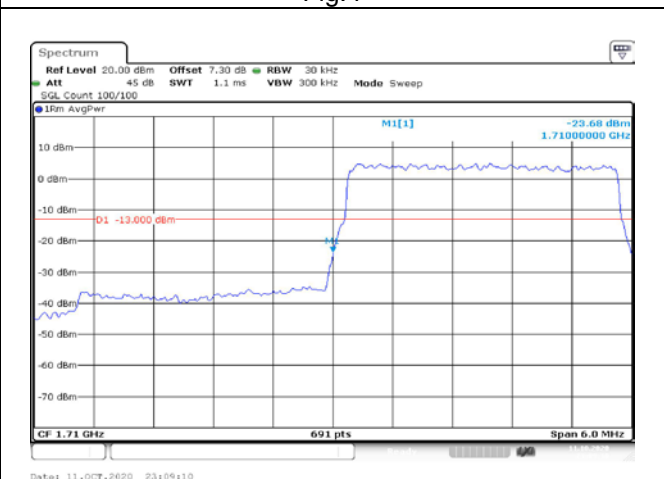
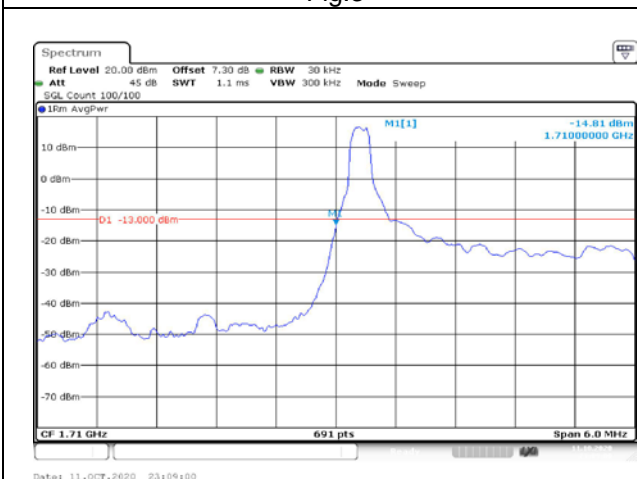
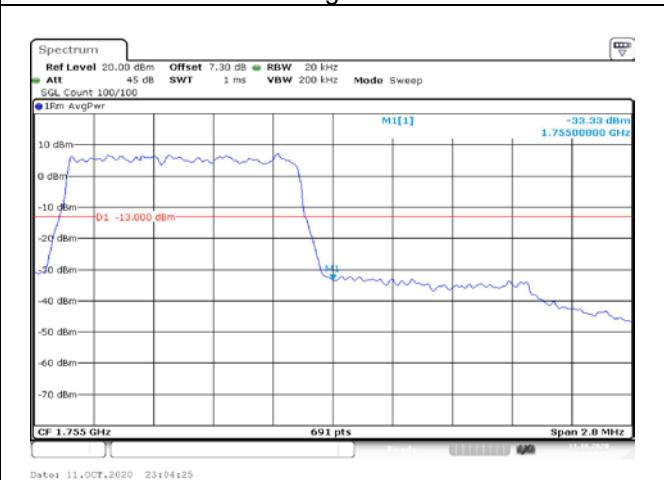
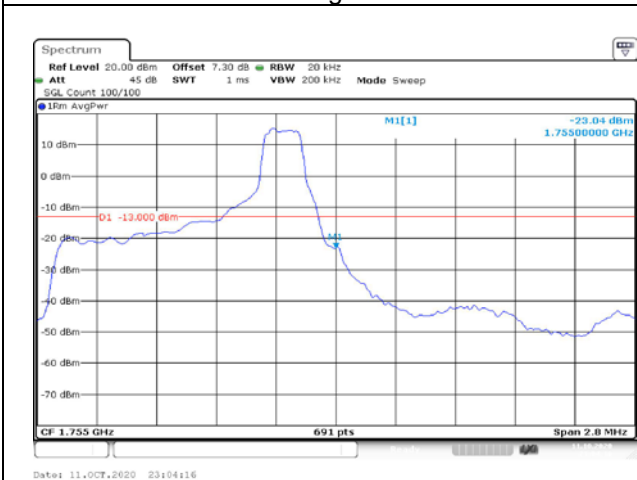
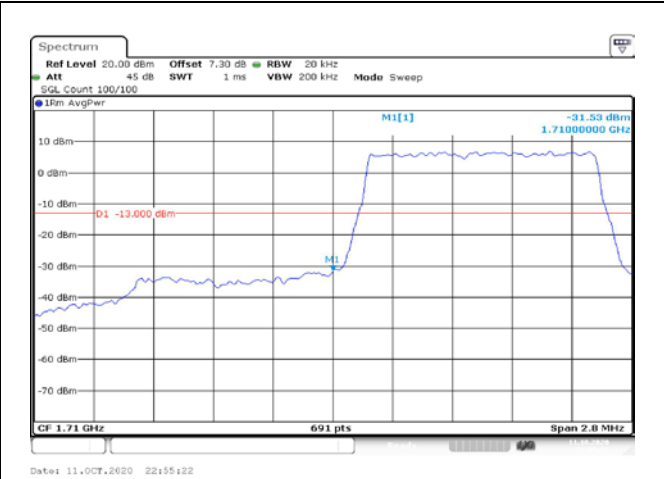
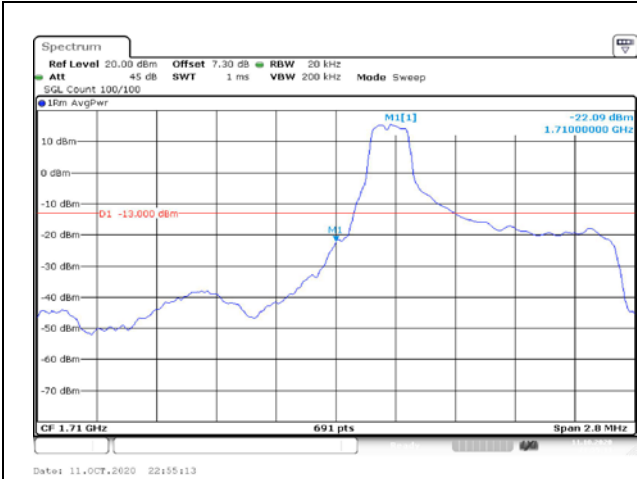


Fig.3

Band Edges Compliance
Test result

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot	
						QPSK	
4	1710.7	19957	1.4	1	0	Fig.1	
				6	0	Fig.2	
	1	5		Fig.3			
	6	0		Fig.4			
	1754.3	20393	3	1	0	Fig.5	
				15	0	Fig.6	
	1	14		Fig.7			
	15	0		Fig.8			
	1711.5	19965		5	1	0	Fig.9
					25	0	Fig.10
	1	24	Fig.11				
	25	0	Fig.12				
	1753.5	20385	10	1	0	Fig.13	
				50	0	Fig.14	
	1	49		Fig.15			
	50	0		Fig.16			
	1712.5	19975		15	1	0	Fig.17
					75	0	Fig.18
	1	74	Fig.19				
	75	0	Fig.20				
	1752.5	20375	20	1	0	Fig.21	
				100	0	Fig.22	
	1	99		Fig.23			
	100	0		Fig.24			
1715	20000	1747.5	20325	1720	20050	1745	20300



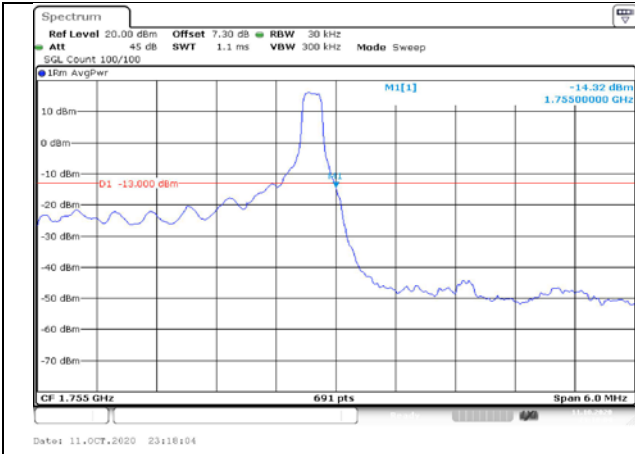


Fig.7

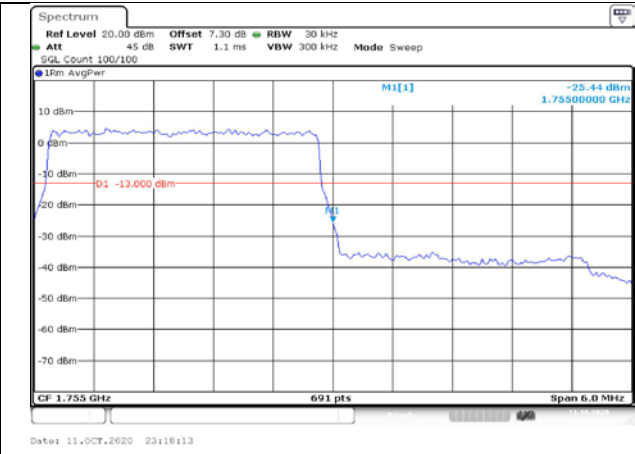


Fig.8

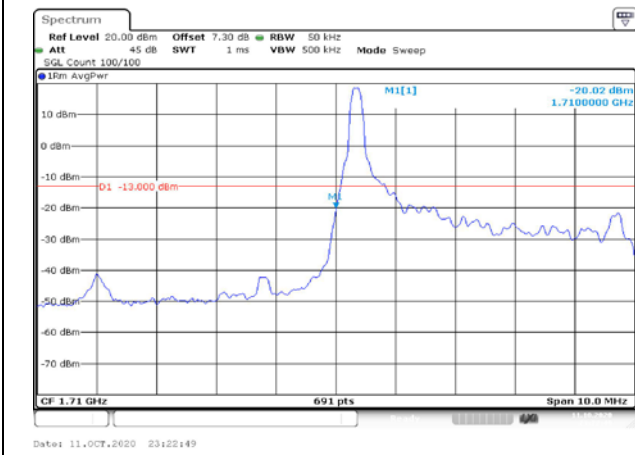


Fig.9

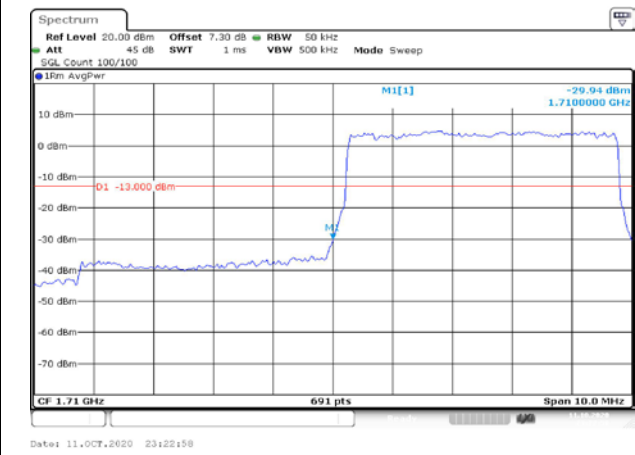


Fig.10

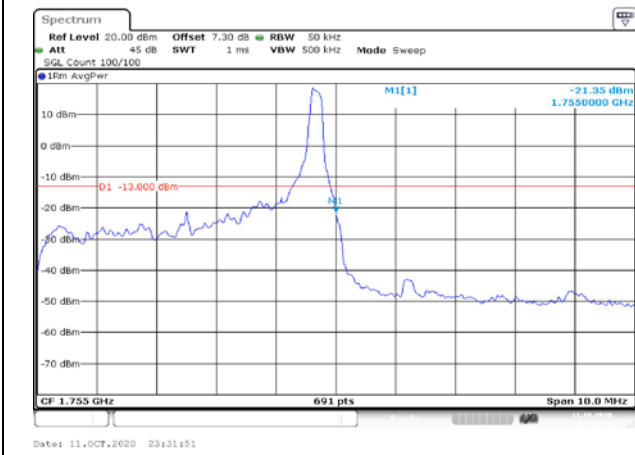


Fig.11

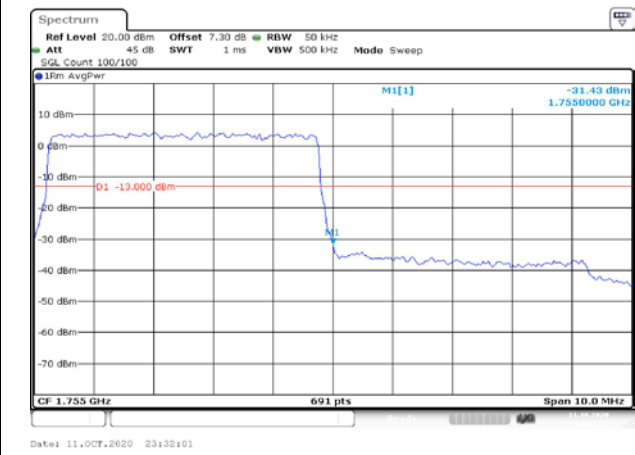
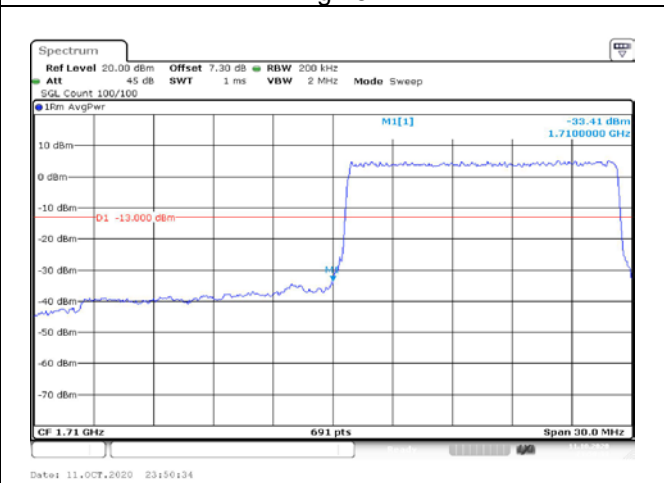
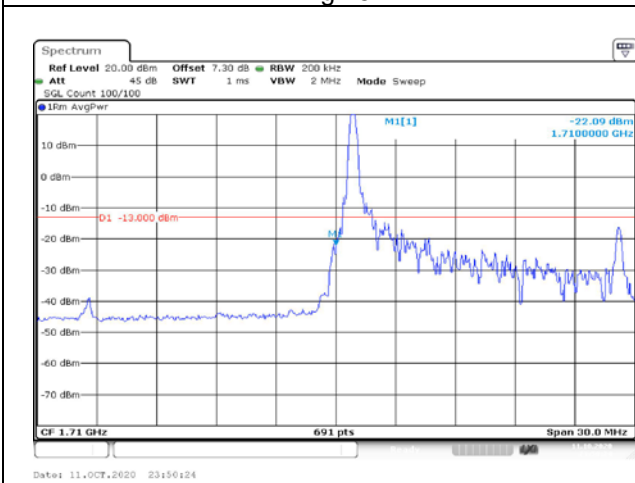
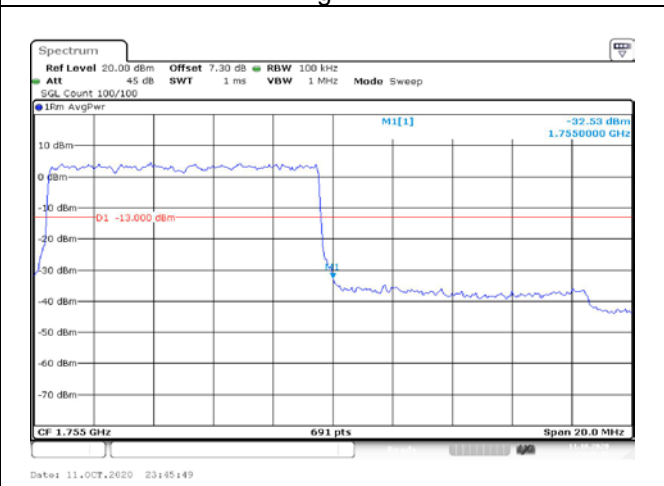
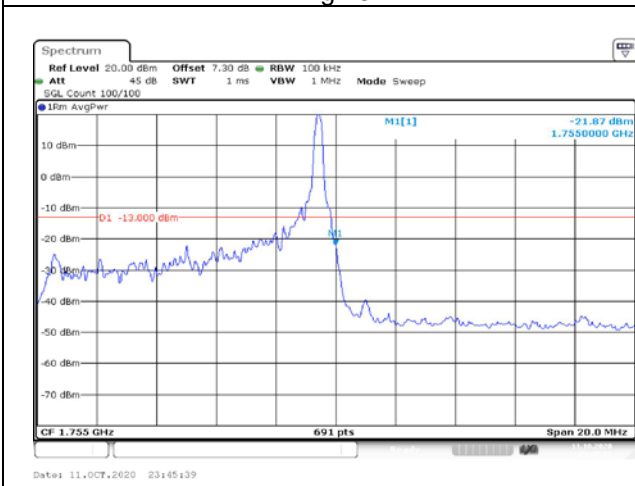
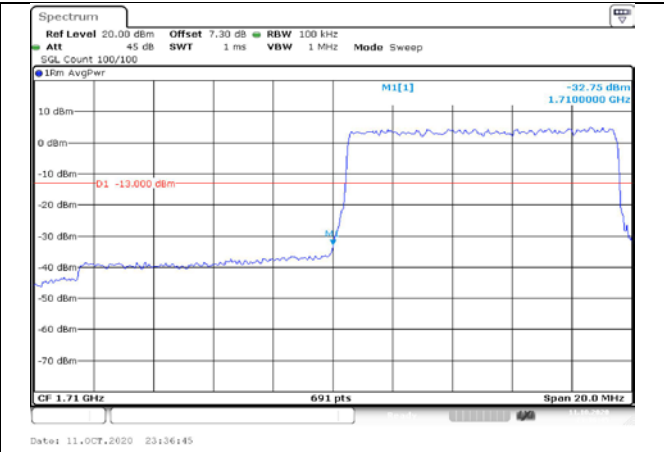
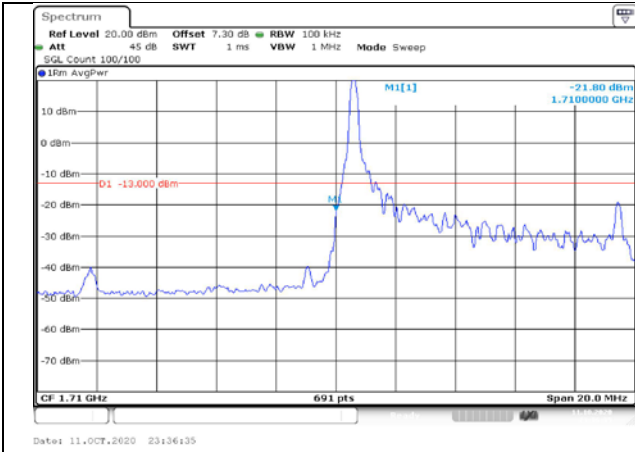


Fig.12



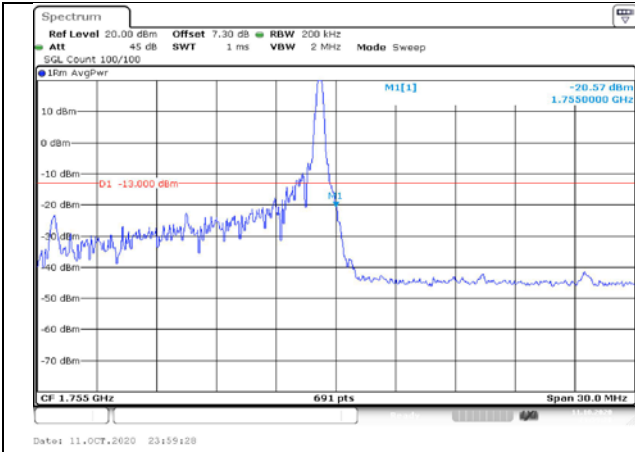


Fig.19

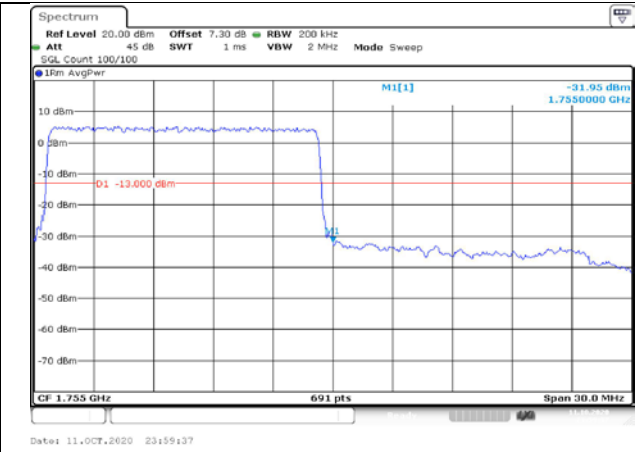


Fig.20

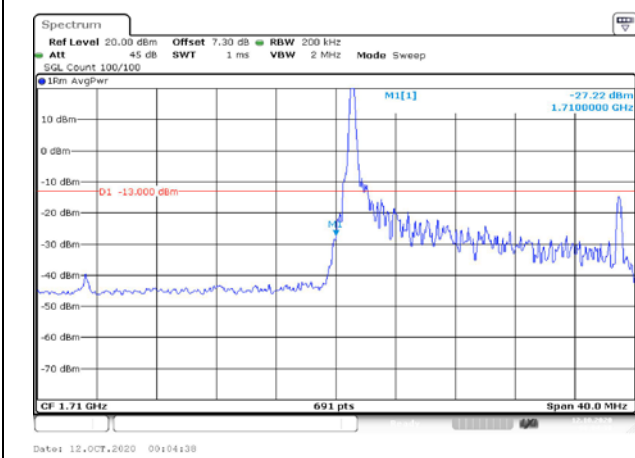


Fig.21

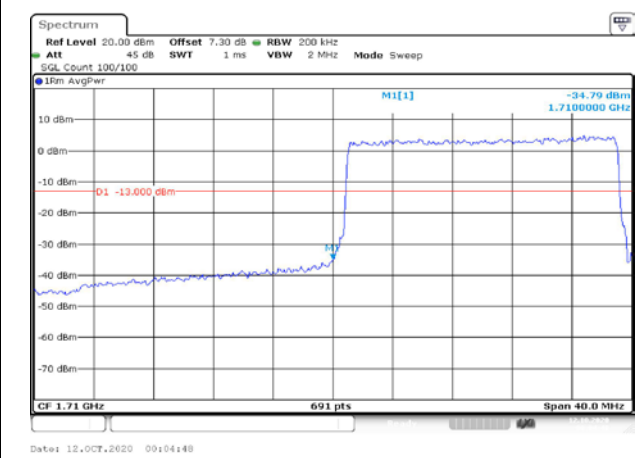


Fig.22

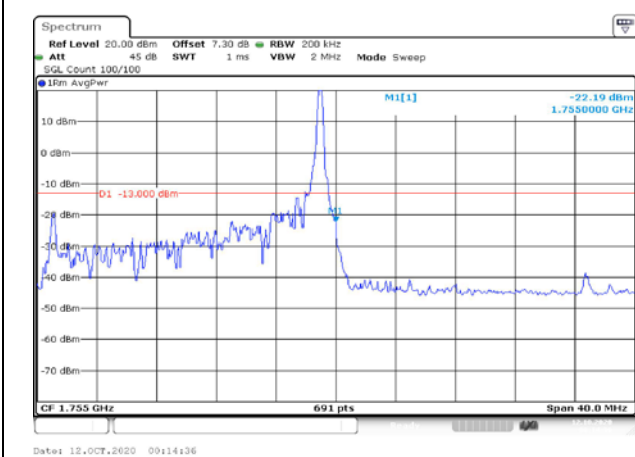


Fig.23

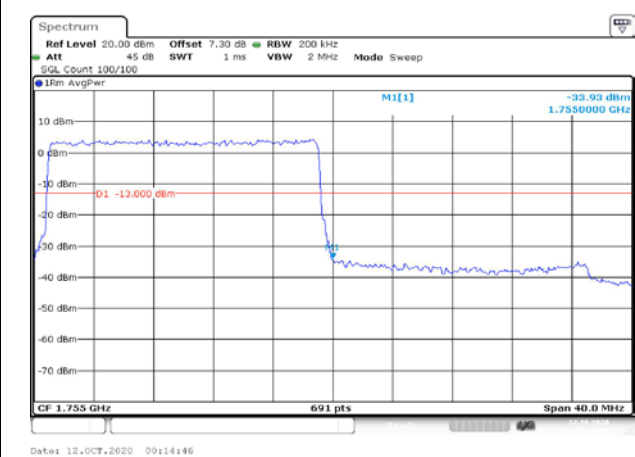


Fig.24

Frequency Stability
Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.054	0.002	0.038	0.076	0.079	-0.073
0	NV	-0.074	-0.024	-0.050	0.049	-0.058	0.020
+10	NV	-0.096	0.069	0.031	0.096	-0.093	-0.025
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.085	-0.063	-0.048	0.033	-0.015	-0.053
+40	NV	-0.055	-0.035	0.003	-0.033	0.030	-0.001
+50	NV	0.055	-0.095	0.046	-0.091	0.028	0.006
+55	NV	-0.068	0.013	-0.076	-0.068	-0.026	-0.073
+20	LV	0.004	-0.042	0.004	0.023	-0.018	-0.006
+20	HV	-0.057	-0.053	-0.087	0.021	-0.075	0.013

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.092	-0.034	0.055	-0.041	-0.048	-0.088
0	NV	-0.067	-0.054	0.016	-0.060	-0.029	0.089
+10	NV	-0.052	0.048	-0.034	0.005	-0.064	-0.060
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	0.041	-0.015	-0.012	-0.070	0.045	0.035
+40	NV	-0.033	0.013	-0.077	-0.002	0.008	-0.055
+50	NV	-0.029	-0.063	0.078	-0.029	-0.041	0.097
+55	NV	0.050	-0.020	-0.051	0.097	0.051	-0.041
+20	LV	0.027	-0.037	0.055	0.034	0.073	-0.020
+20	HV	0.022	0.057	0.038	-0.084	-0.058	0.082