

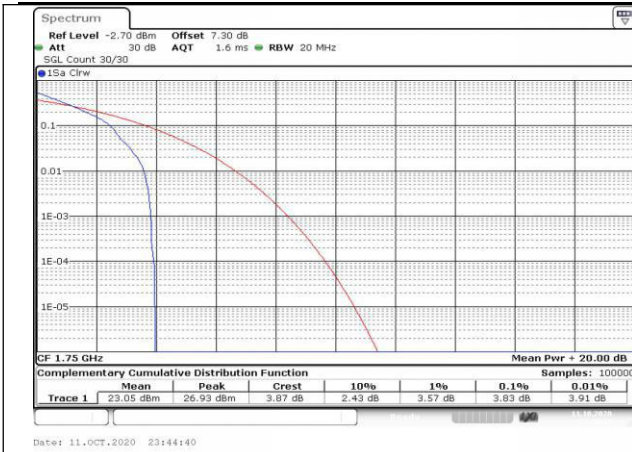


Fig.67

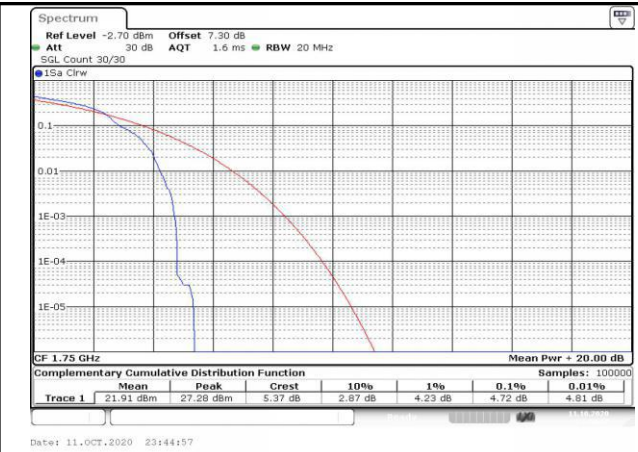


Fig.68

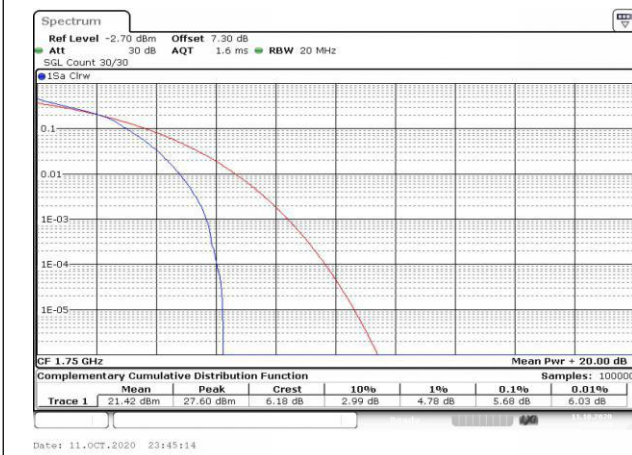


Fig.69

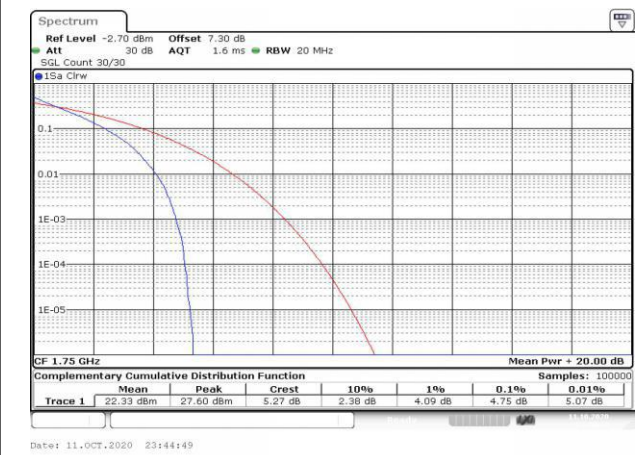


Fig.70

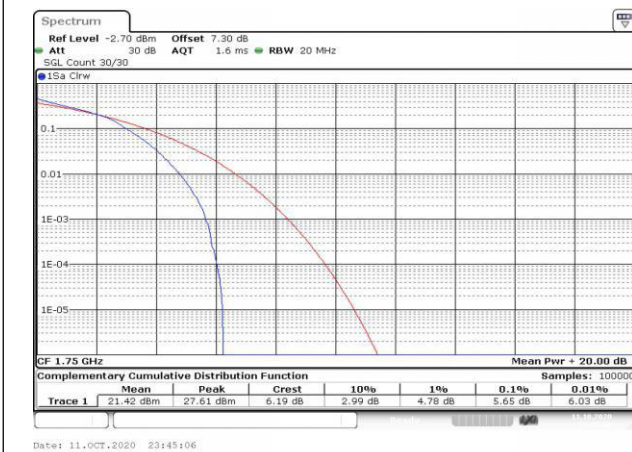


Fig.71

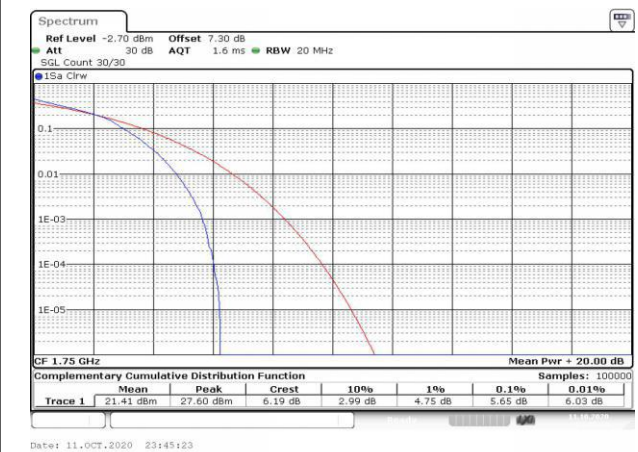


Fig.72

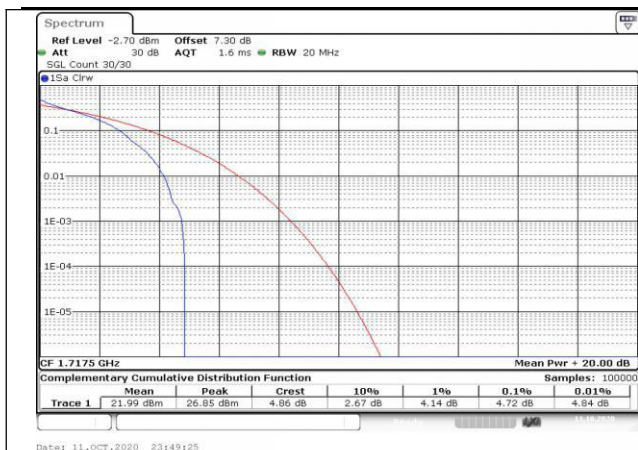


Fig.73

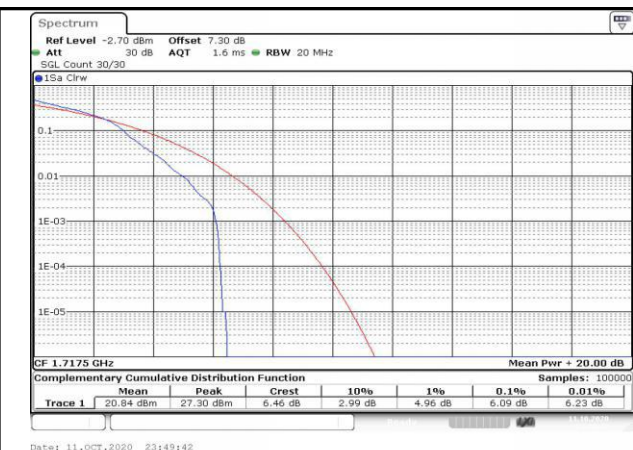


Fig.74

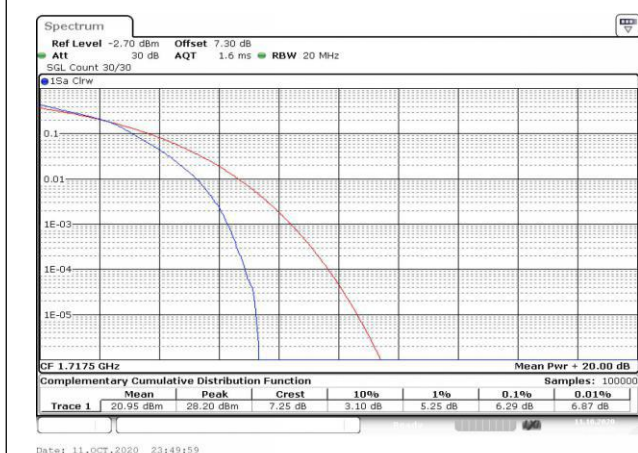


Fig.75

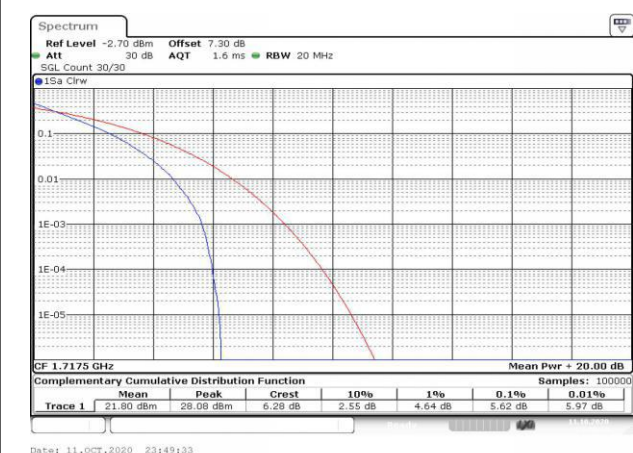


Fig.76

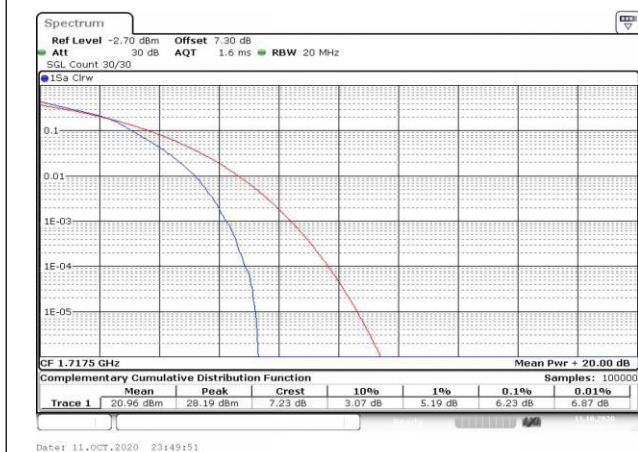


Fig.77

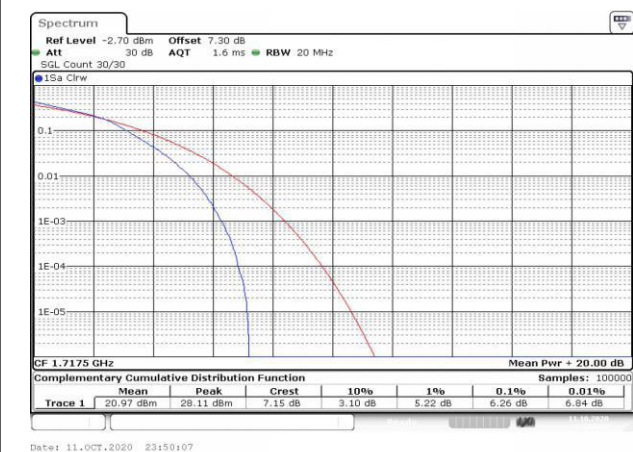


Fig.78

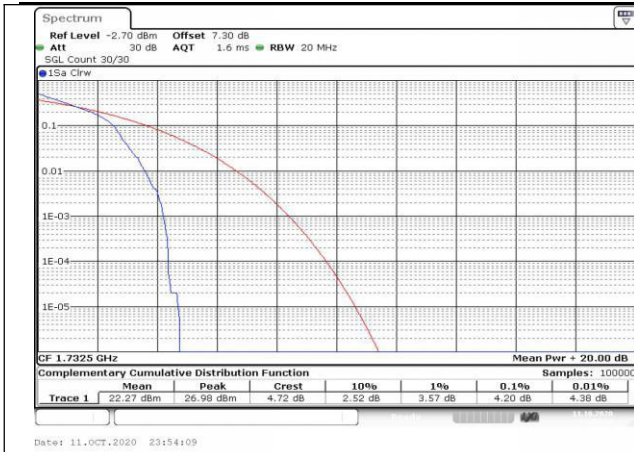


Fig.79

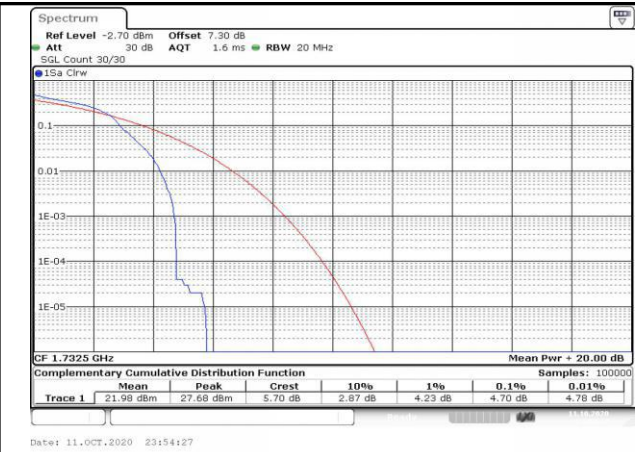


Fig.80

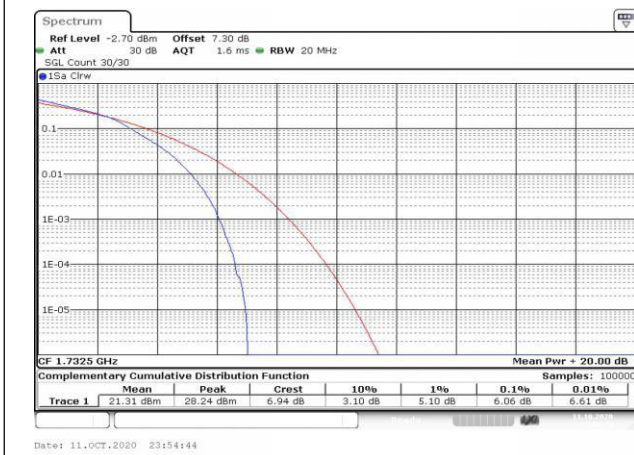


Fig.81

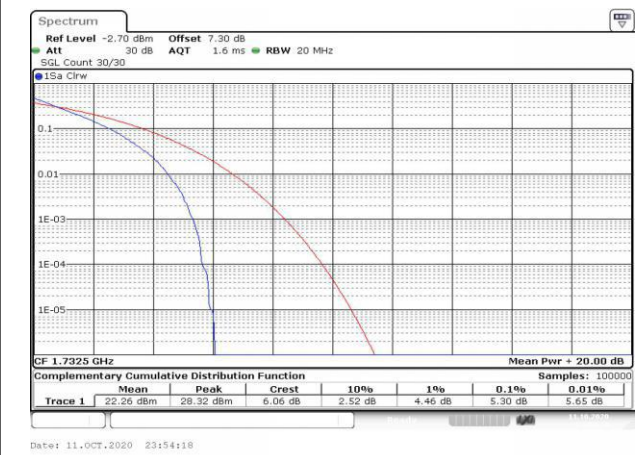


Fig.82

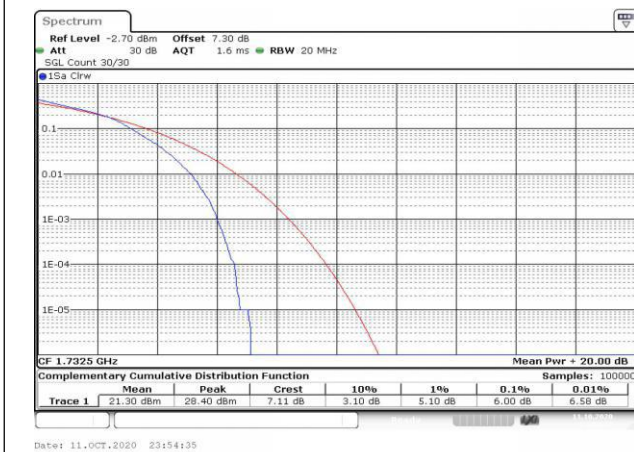


Fig.83

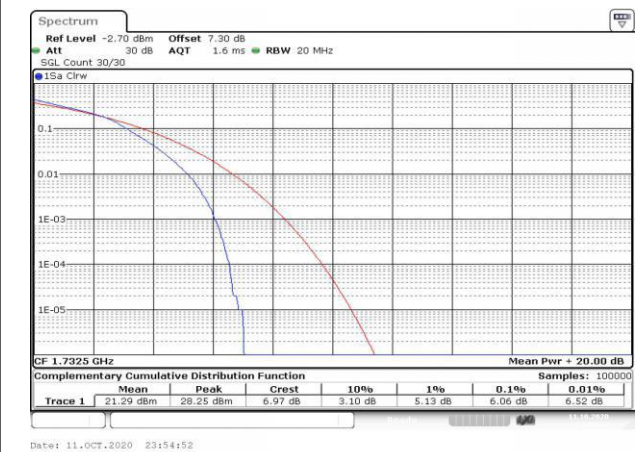


Fig.84

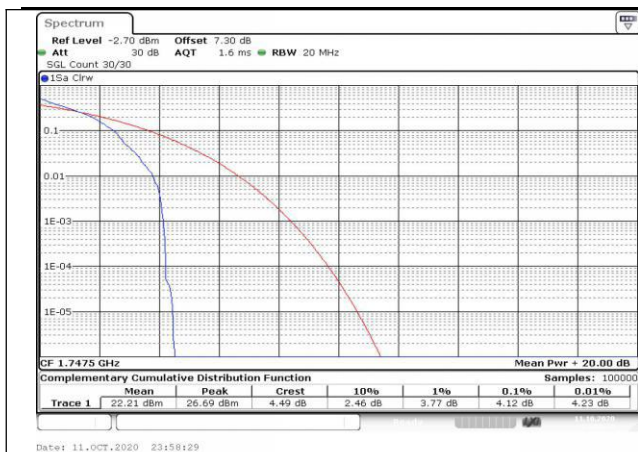


Fig.85

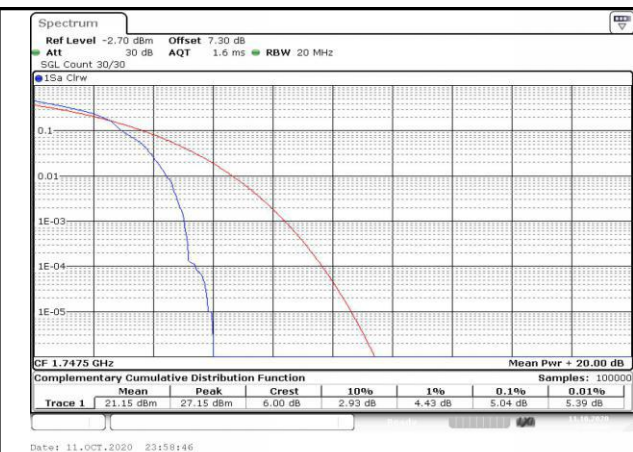


Fig.86

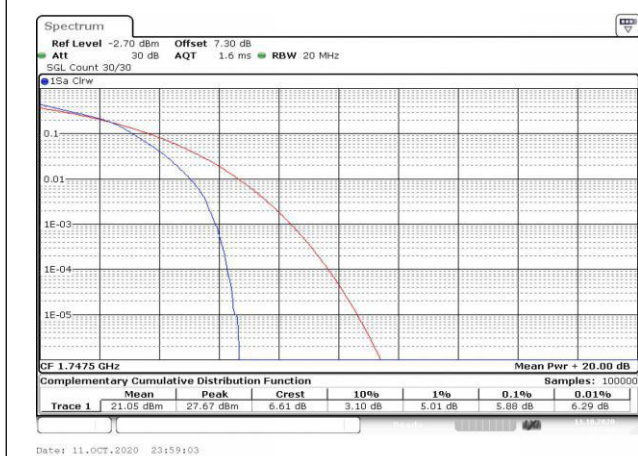


Fig.87

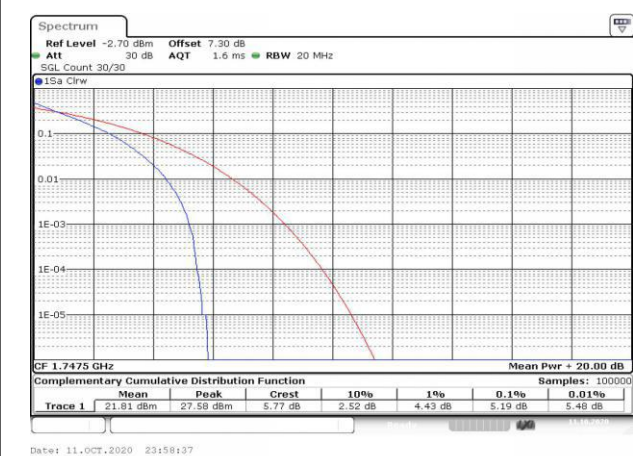


Fig.88

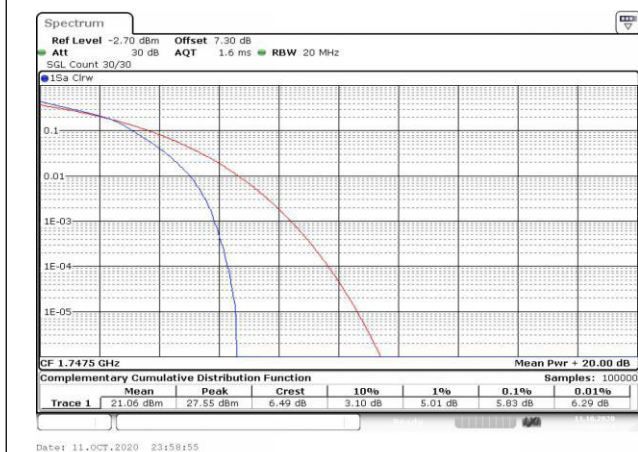


Fig.89

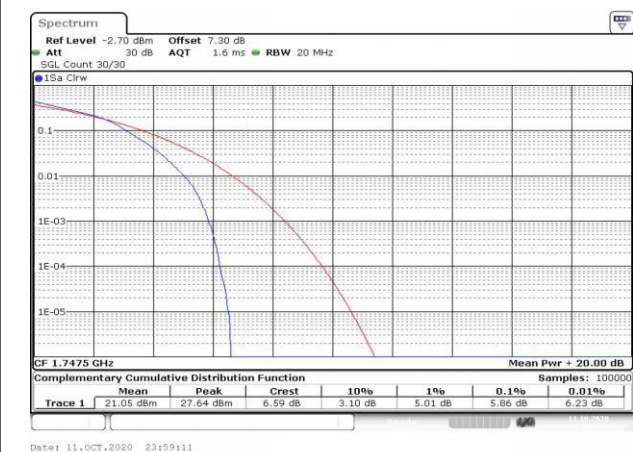


Fig.90

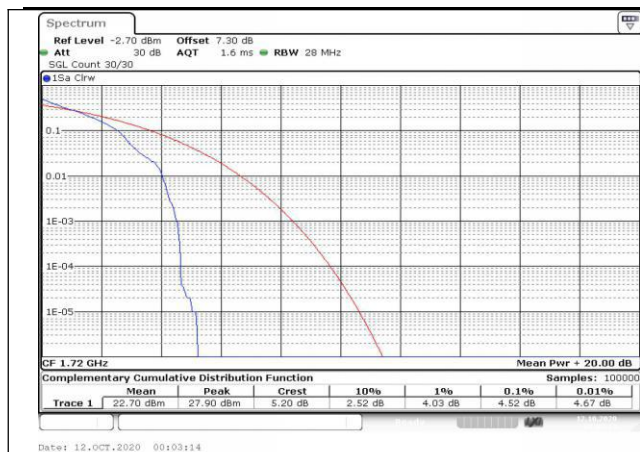


Fig.91

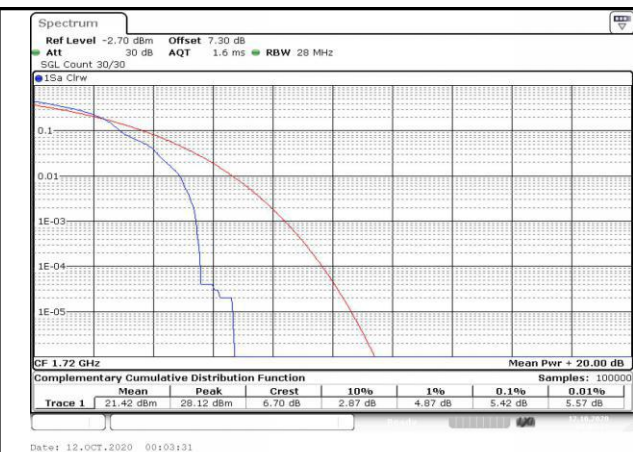


Fig.92

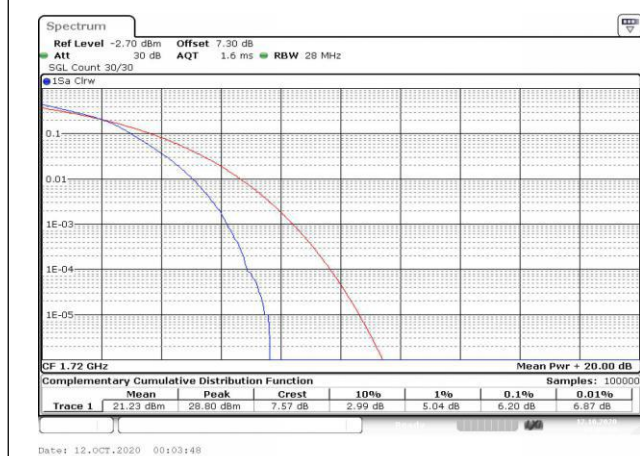


Fig.93

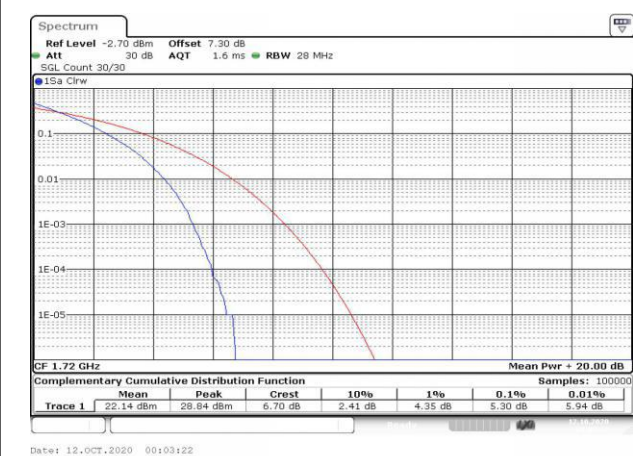


Fig.94

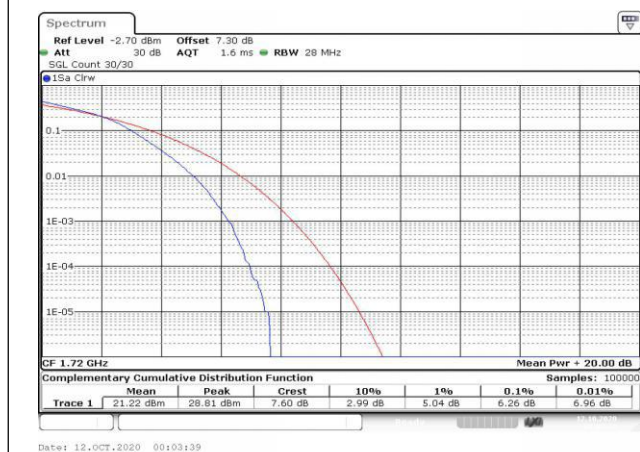


Fig.95

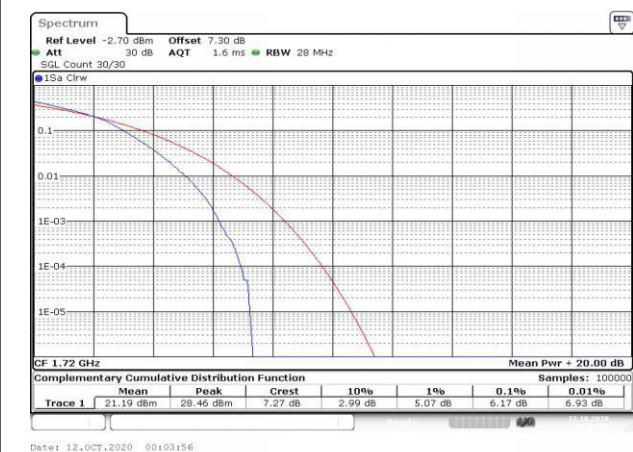


Fig.96

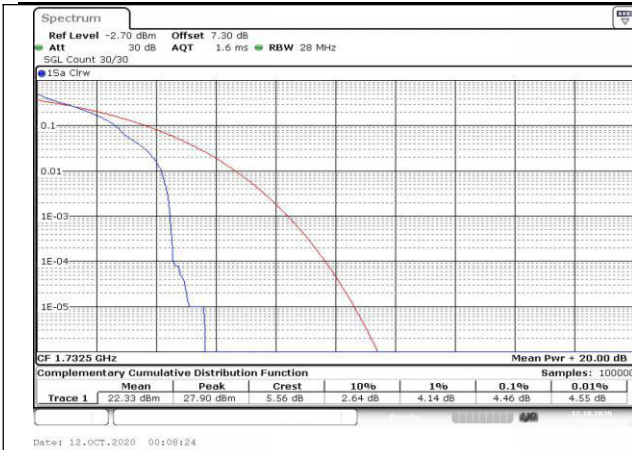


Fig.97

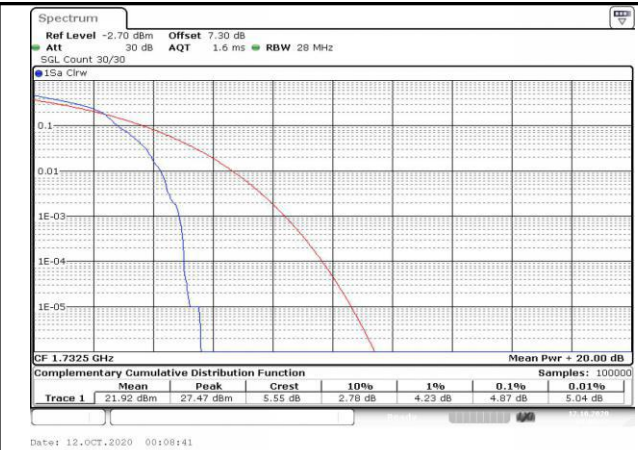


Fig.98

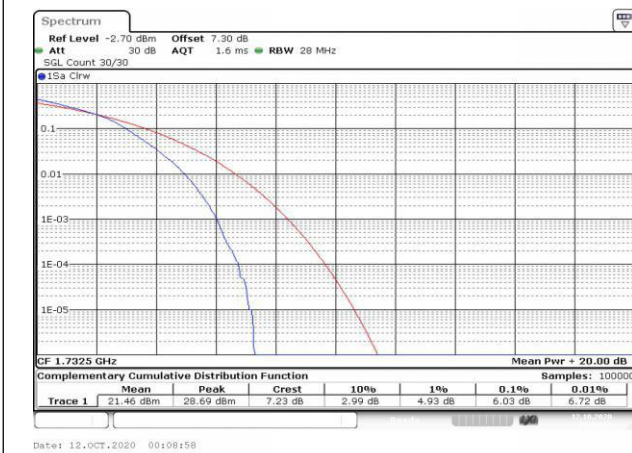


Fig.99

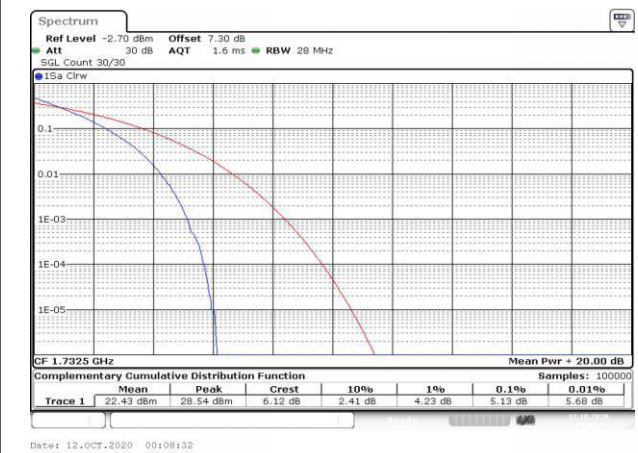


Fig.100

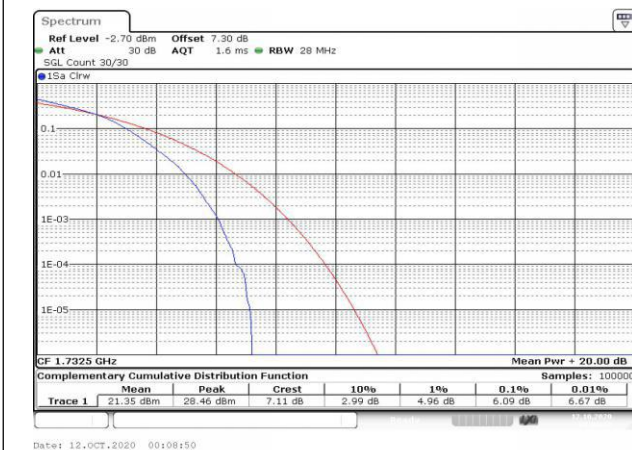


Fig.101

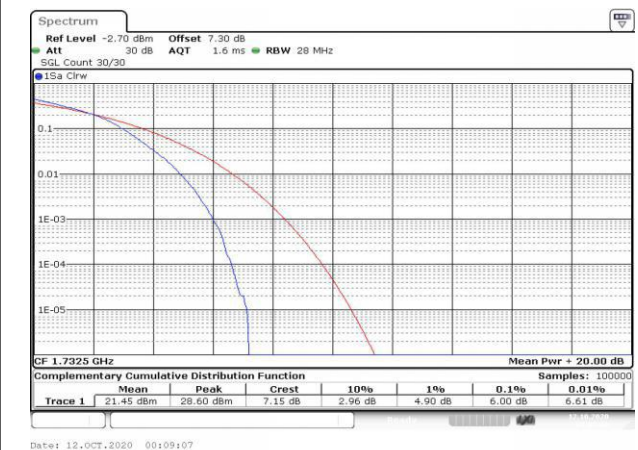


Fig.102

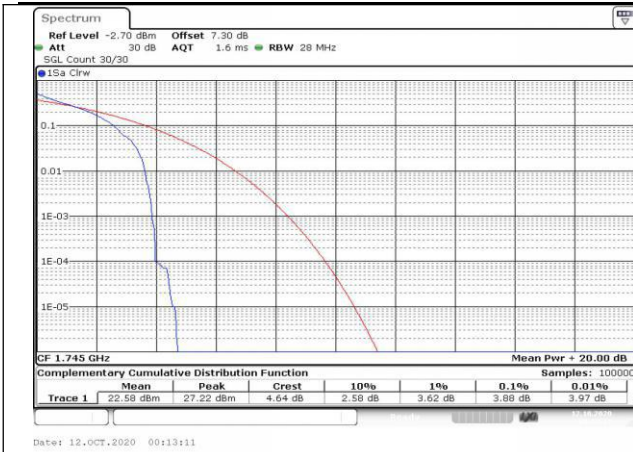


Fig.103

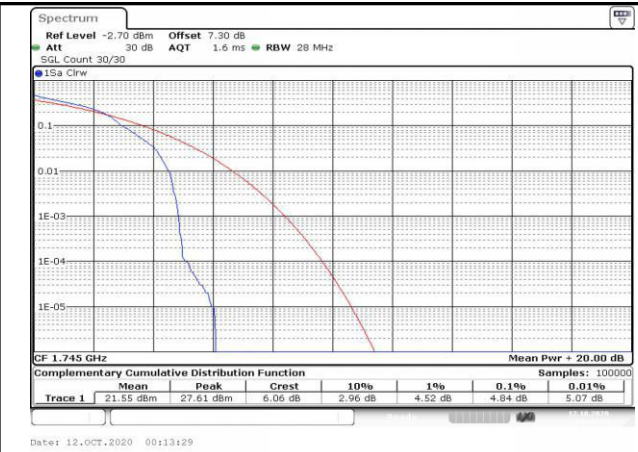


Fig.104

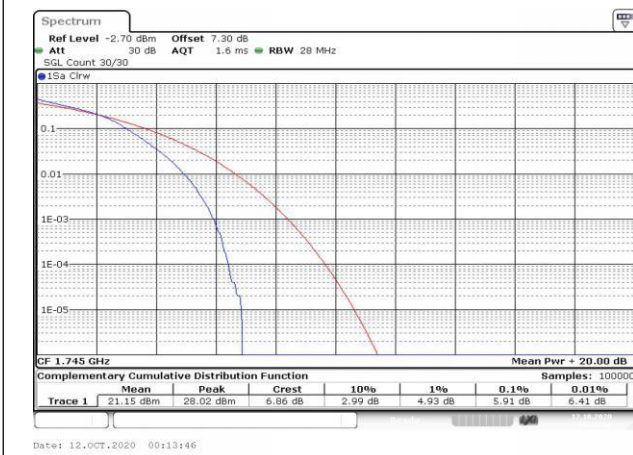


Fig.105

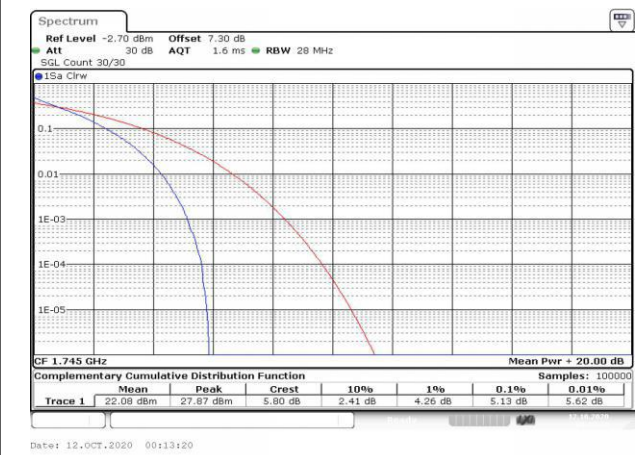


Fig.106

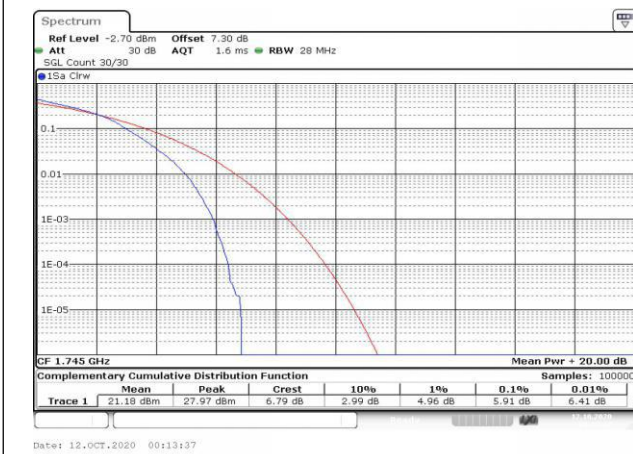


Fig.107

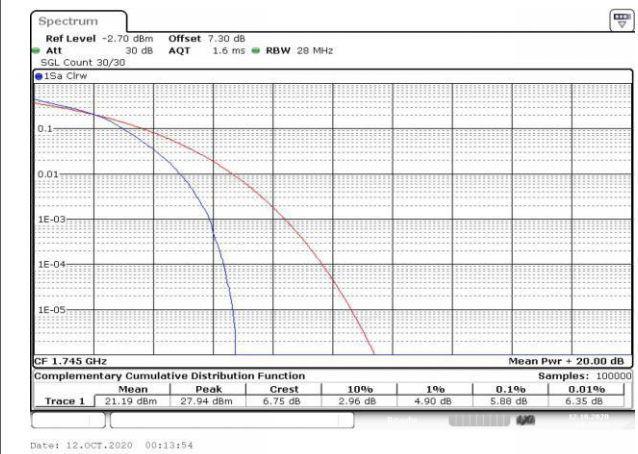


Fig.108

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

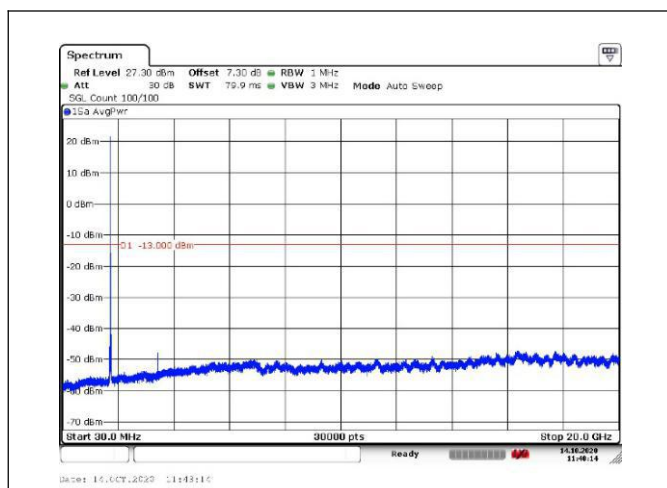


Fig.1

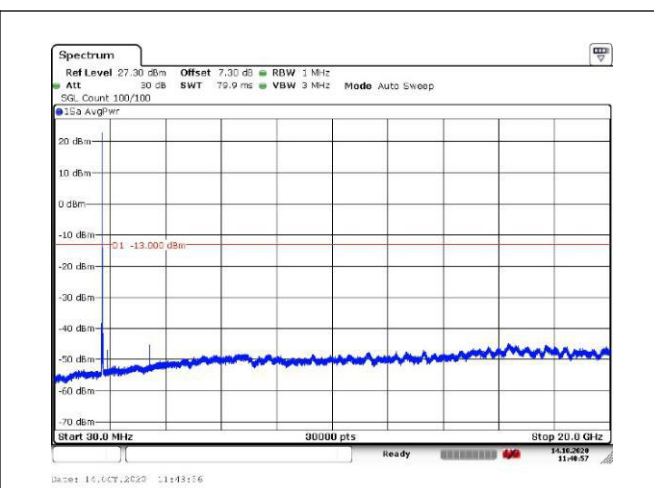


Fig.2

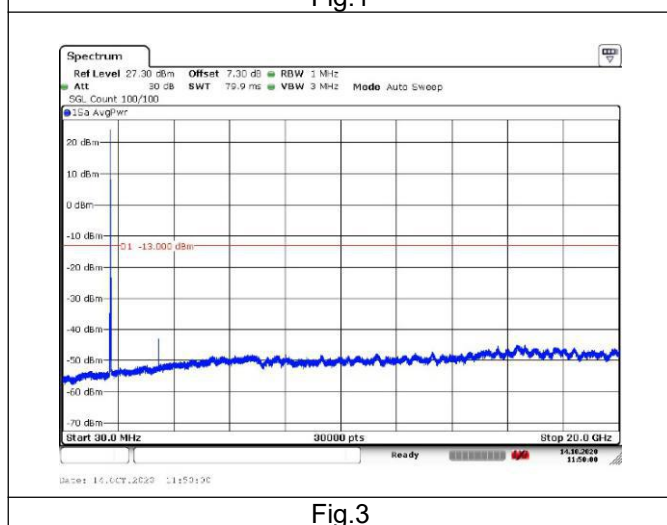
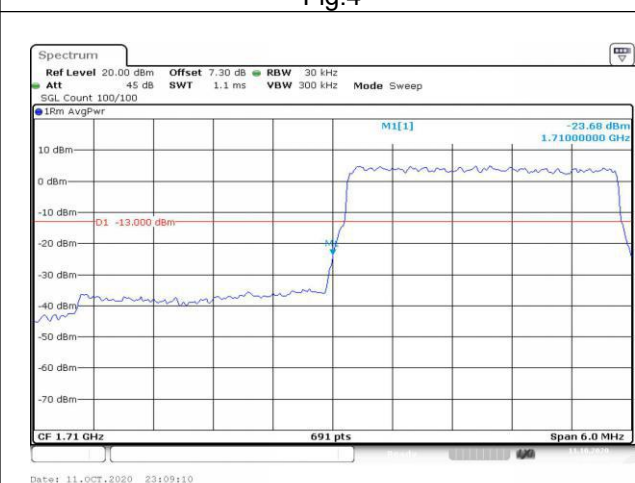
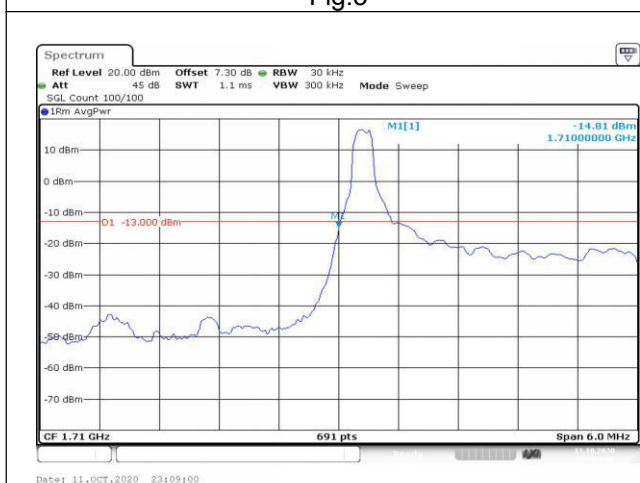
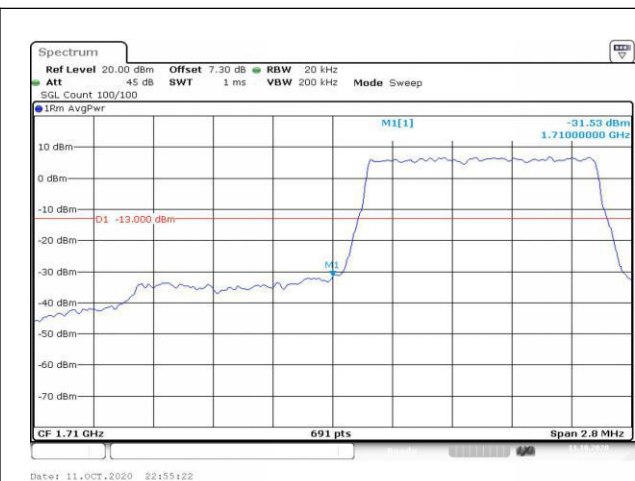
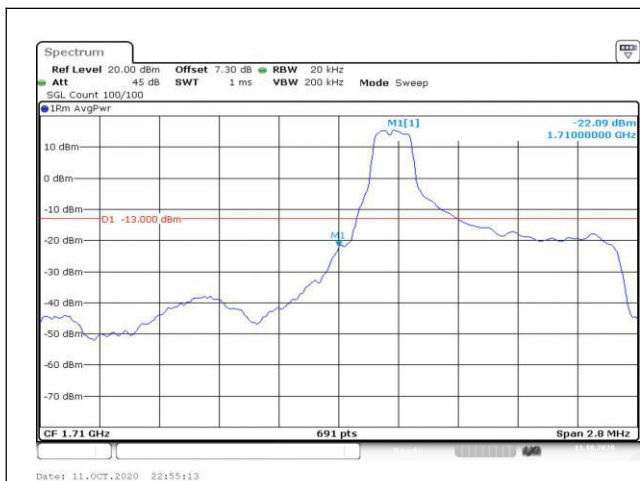


Fig.3

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
	1754.3	20393		1	5	Fig.3
				6	0	Fig.4
	1711.5	19965	3	1	0	Fig.5
				15	0	Fig.6
	1753.5	20385		1	14	Fig.7
				15	0	Fig.8
	1712.5	19975	5	1	0	Fig.9
				25	0	Fig.10
	1752.5	20375		1	24	Fig.11
				25	0	Fig.12
	1715	20000	10	1	0	Fig.13
				50	0	Fig.14
	1750	20350		1	49	Fig.15
				50	0	Fig.16
	1717.5	20025	15	1	0	Fig.17
				75	0	Fig.18
	1747.5	20325		1	74	Fig.19
				75	0	Fig.20
	1720	20050	20	1	0	Fig.21
				100	0	Fig.22
	1745	20300		1	99	Fig.23
				100	0	Fig.24



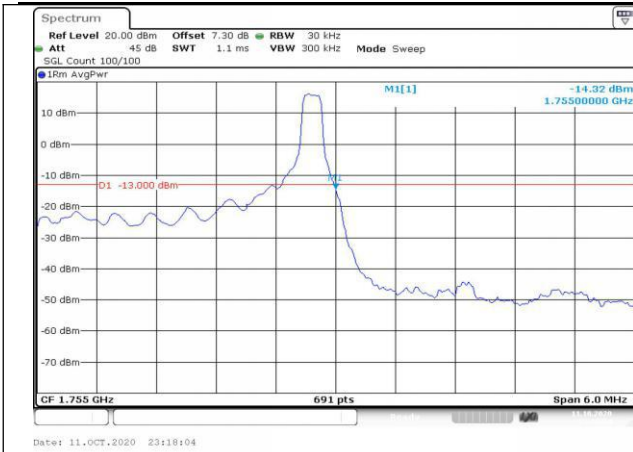


Fig.7

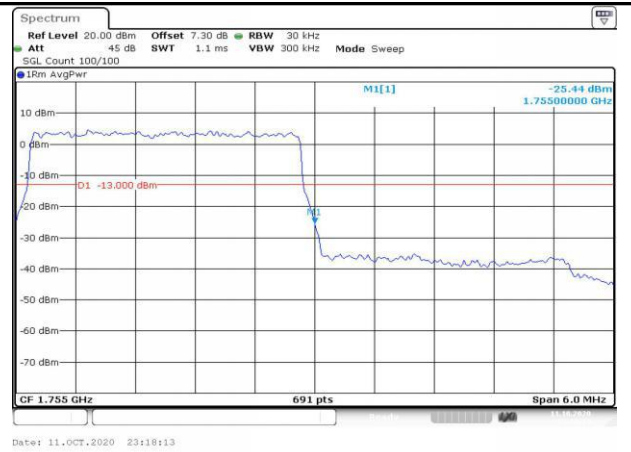


Fig.8

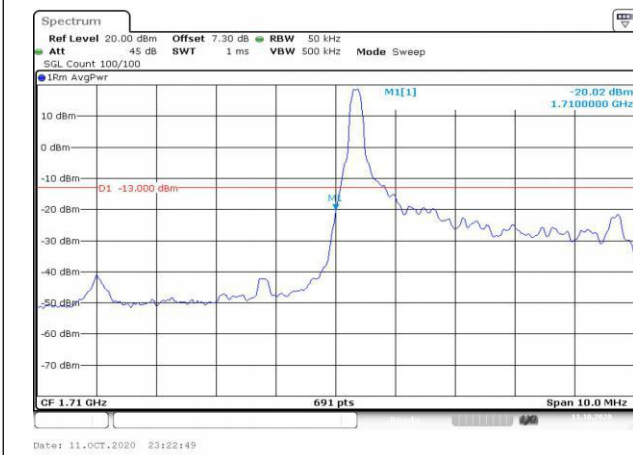


Fig.9

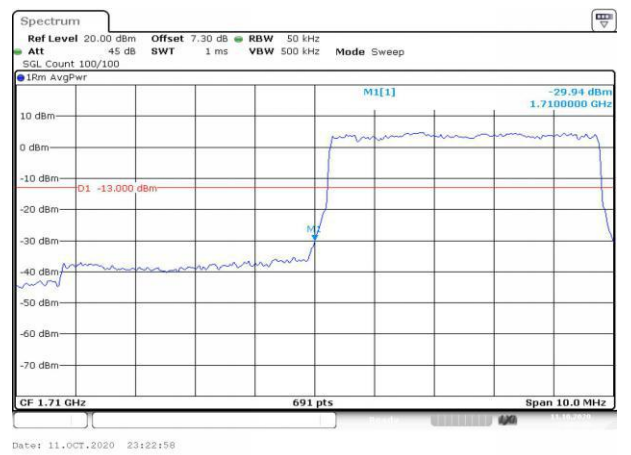


Fig.10

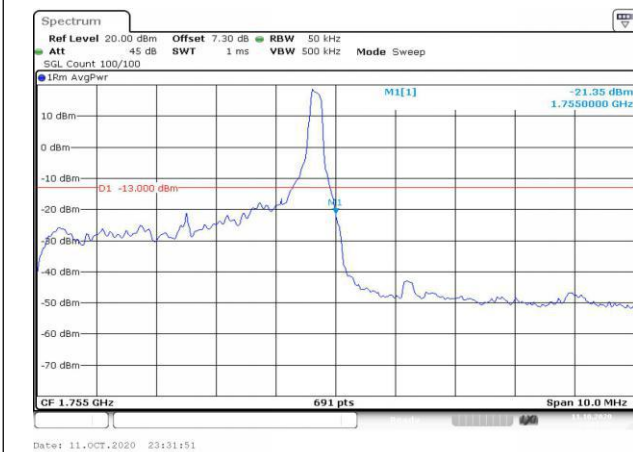


Fig.11

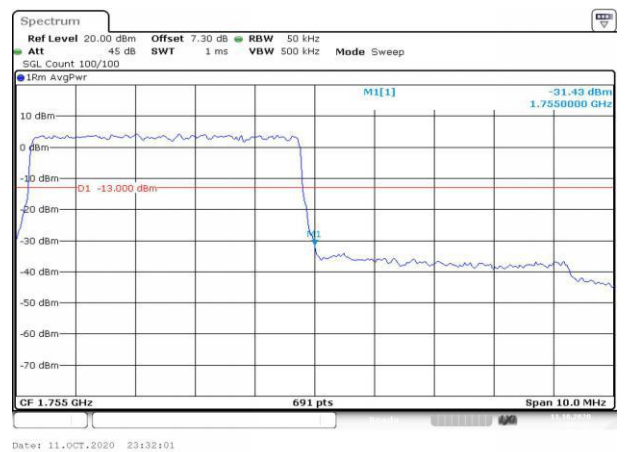


Fig.12

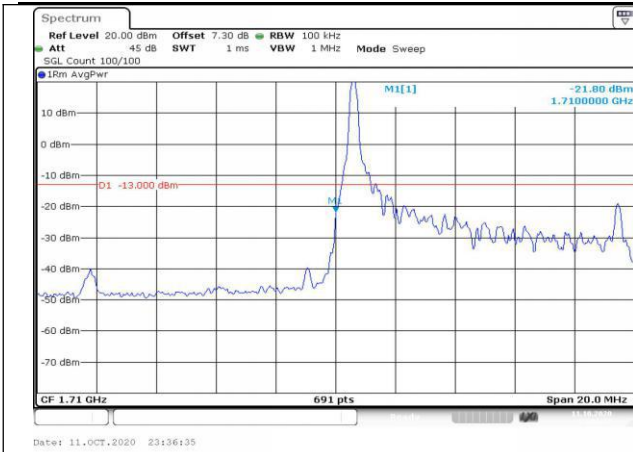


Fig.13

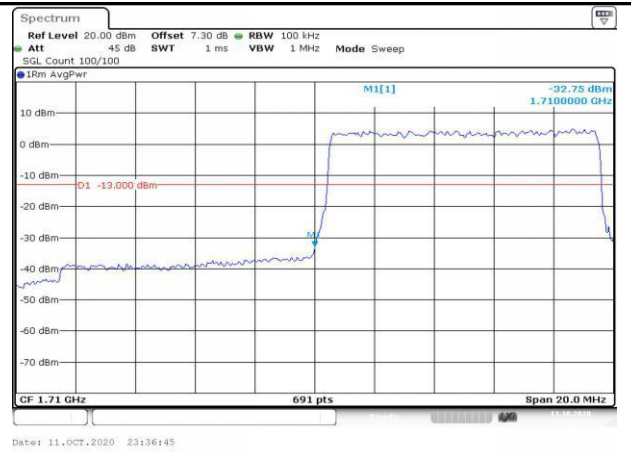


Fig.14

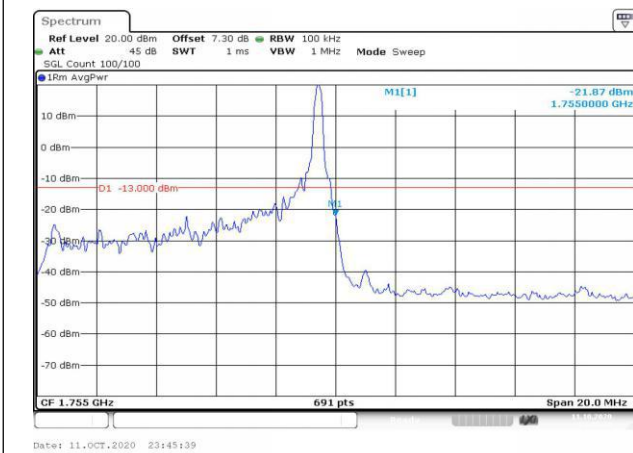


Fig.15

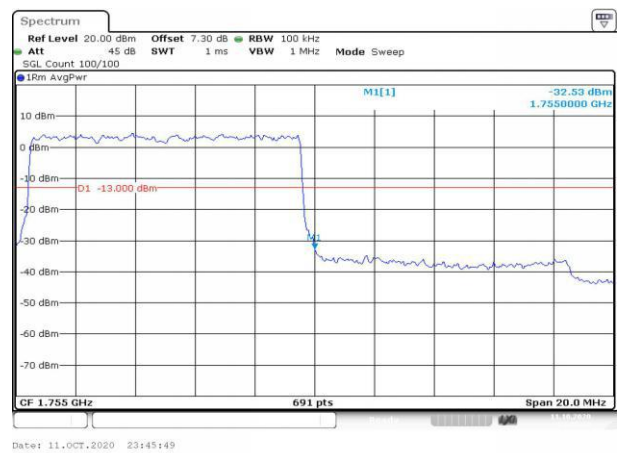


Fig.16

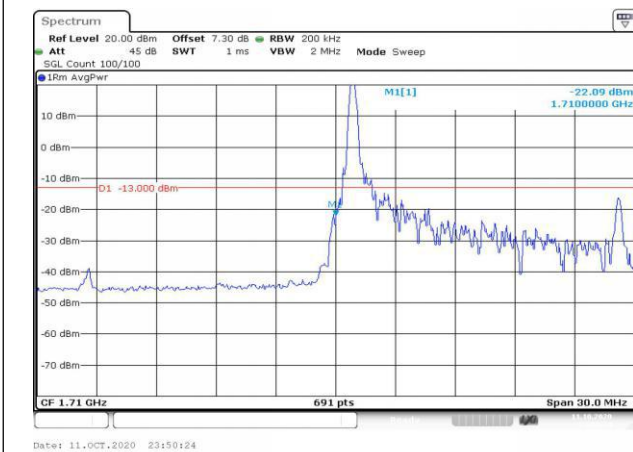


Fig.17

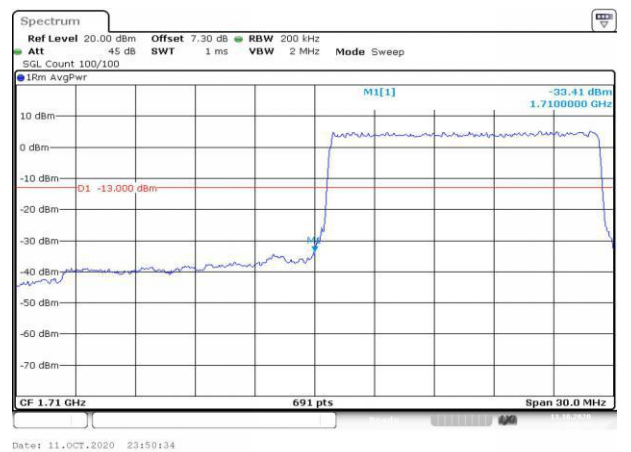
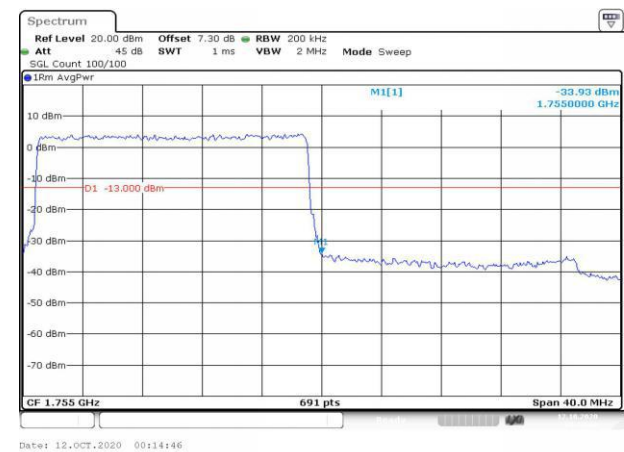
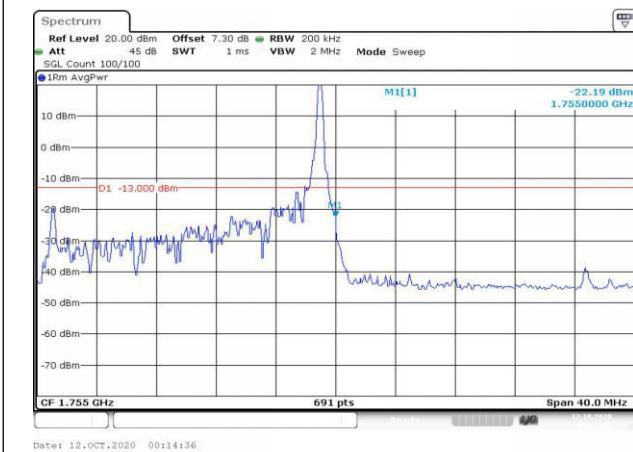
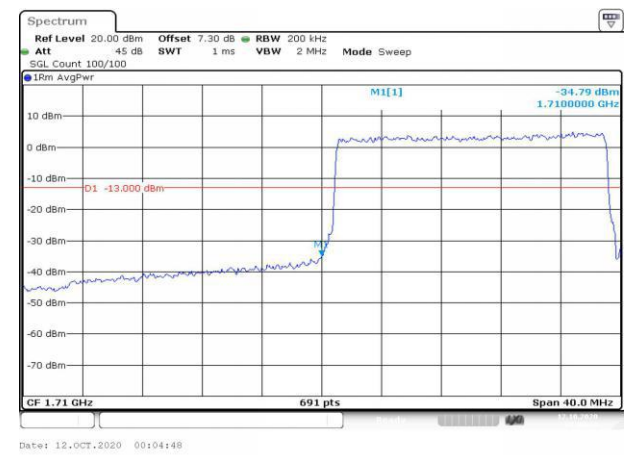
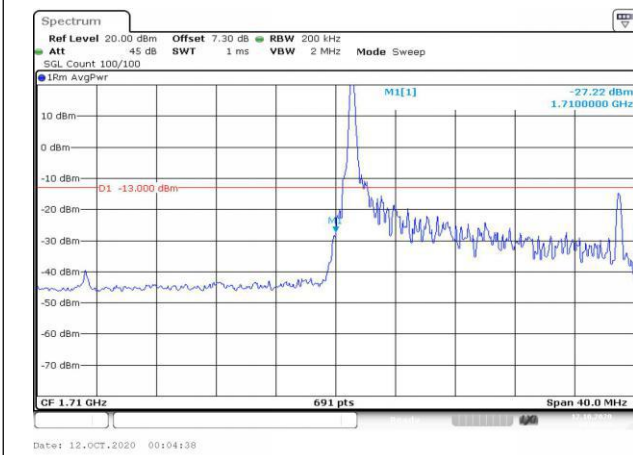
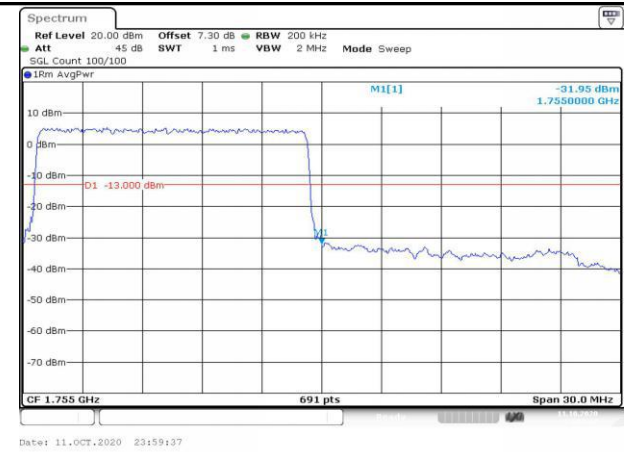
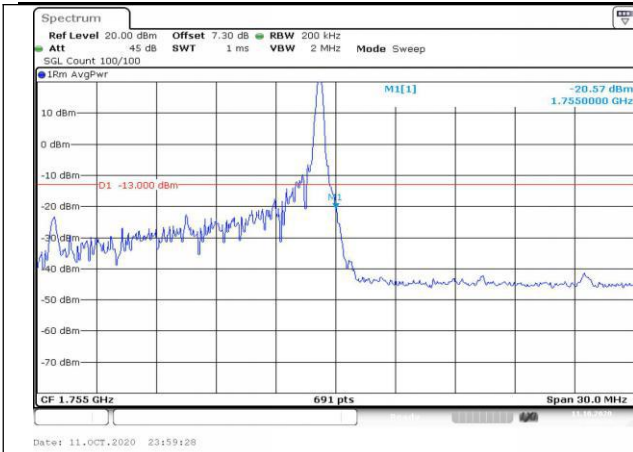


Fig.18



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