

Fig.13

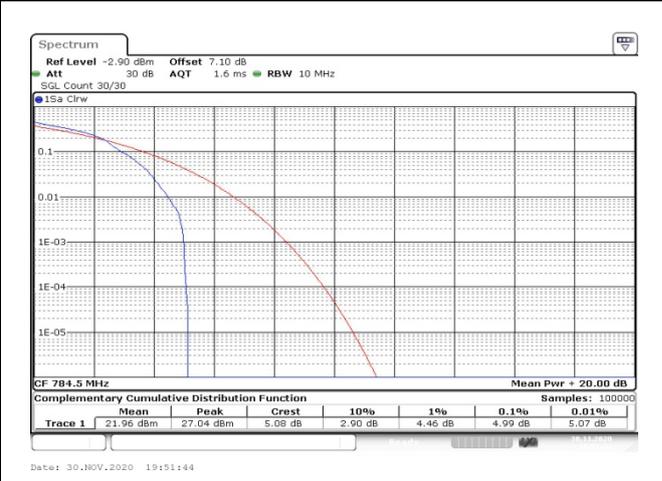


Fig.14

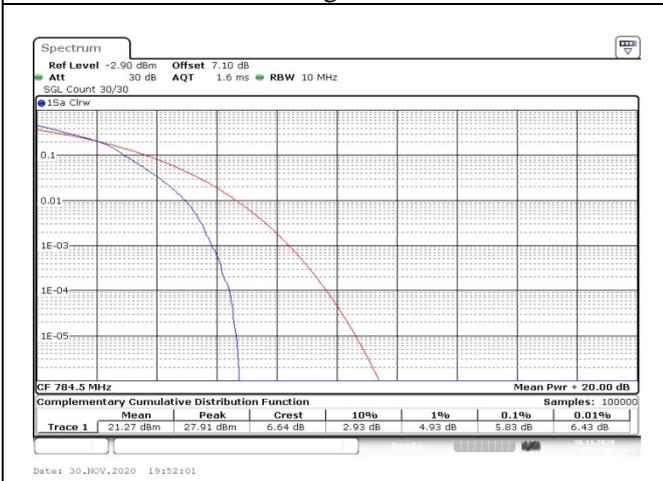


Fig.15

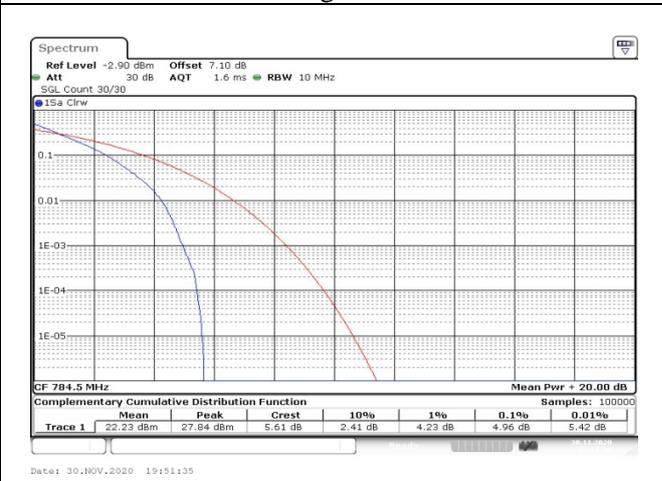


Fig.16

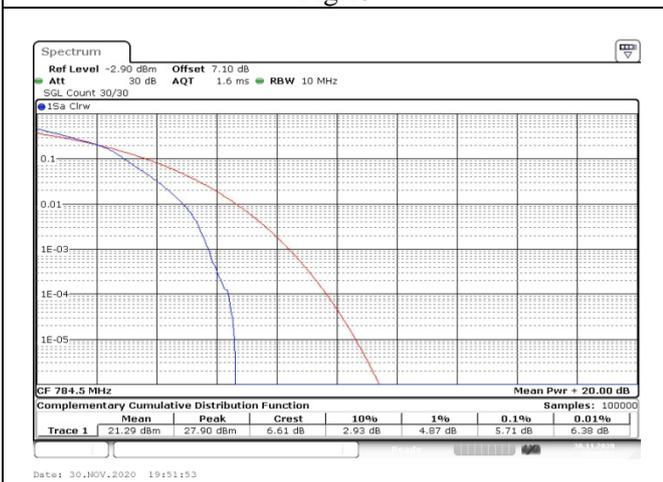


Fig.17

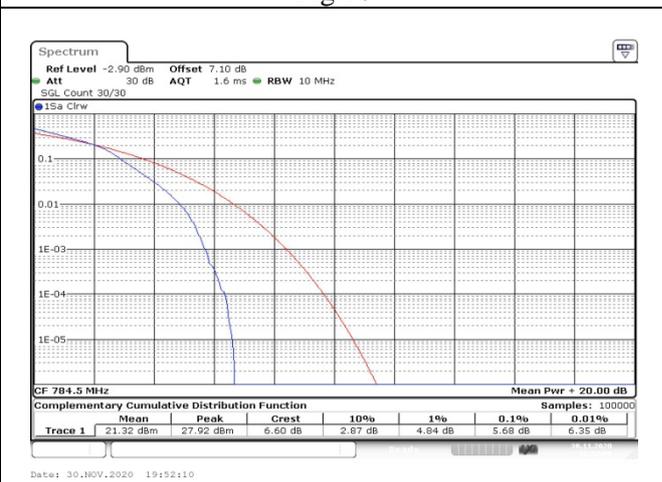


Fig.18

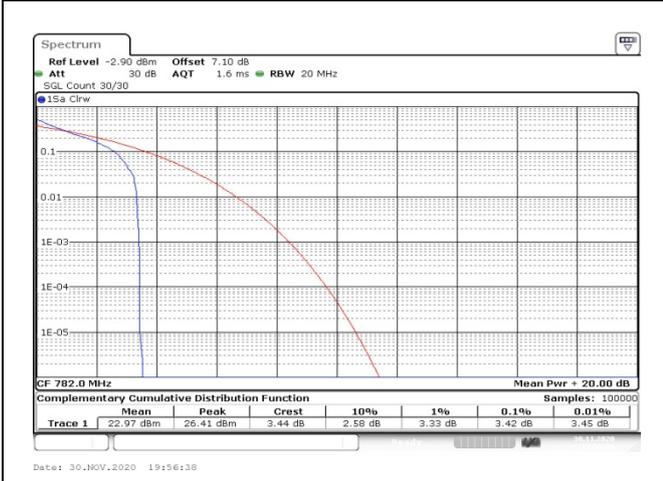


Fig.19

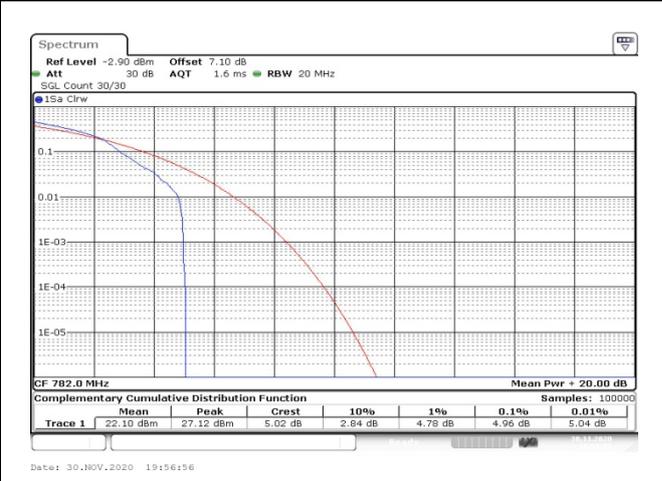


Fig.20

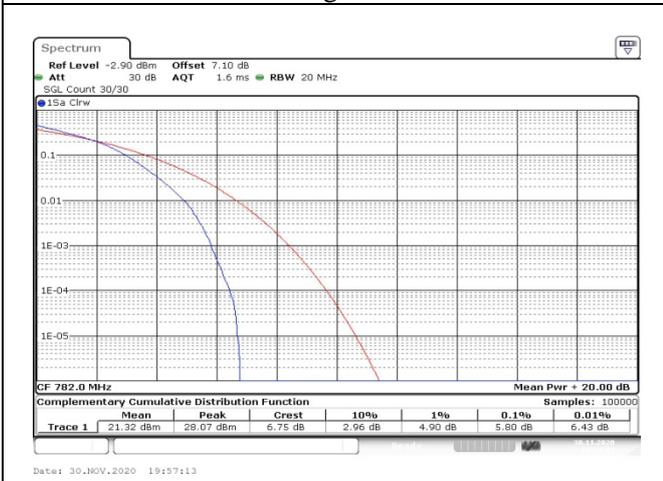


Fig.21

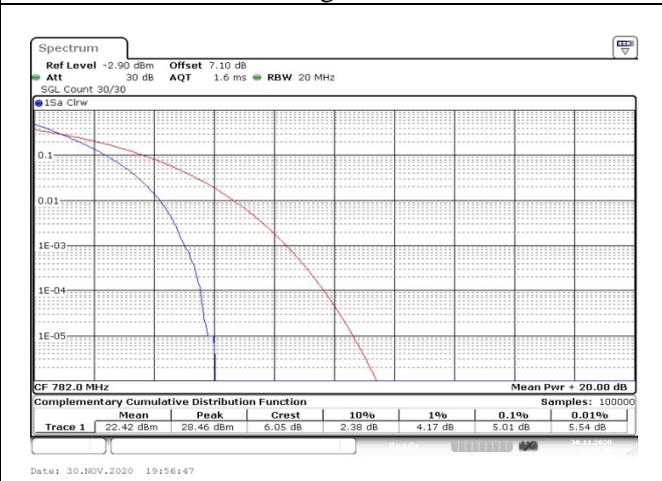


Fig.22

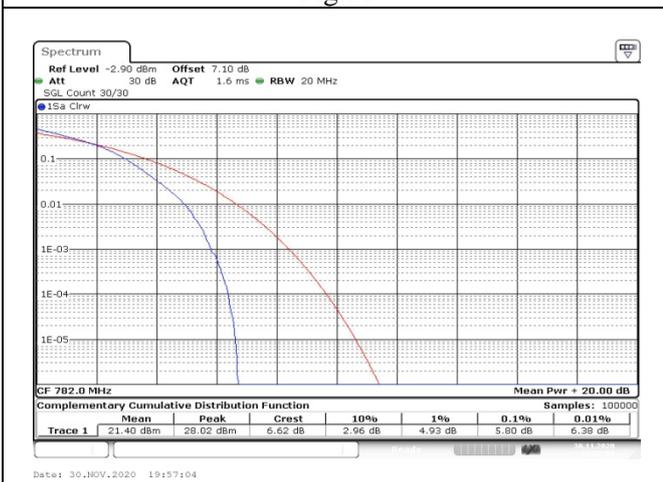


Fig.23

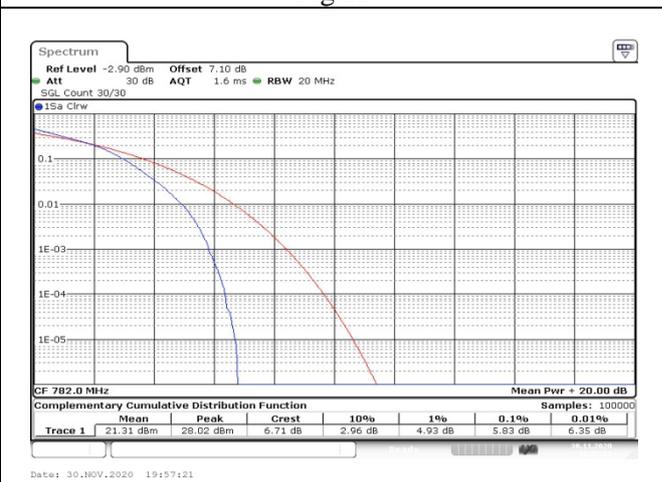
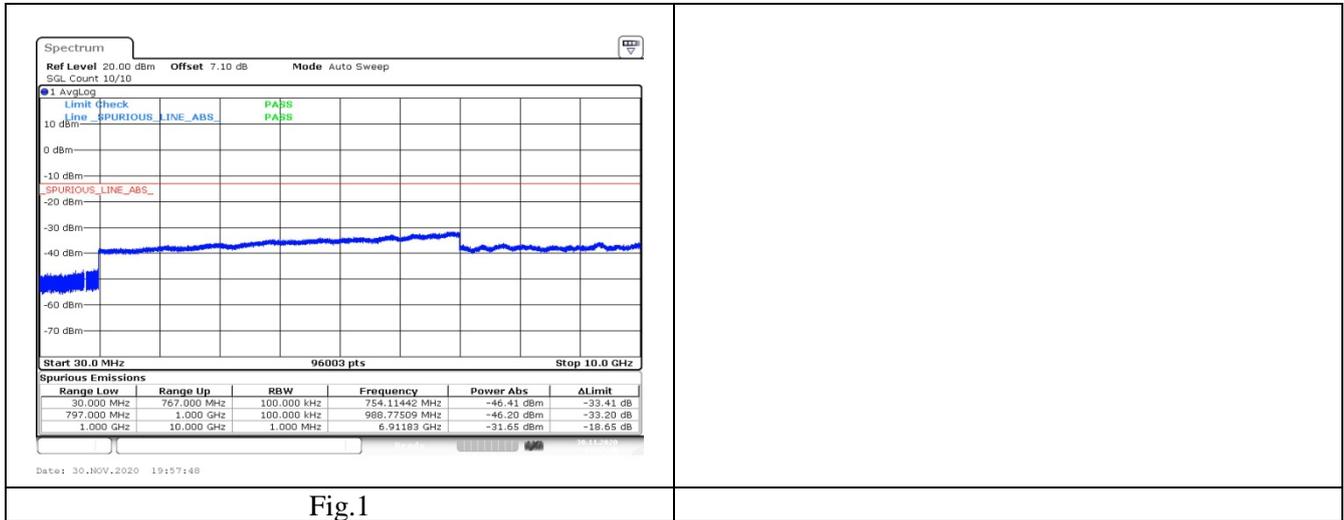


Fig.24

**5 Spurious Emissions at antenna terminal**

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
13	782	23230	10	1	99	Fig.1



**6 Band Edges Compliance**

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
13	779.5	23205	5	1	0	Fig.1
				25	0	Fig.2
	784.5	23255		1	24	Fig.3
				25	0	Fig.4
	782	23230	10	1	0	Fig.5
				50	0	Fig.6
				1	49	Fig.7
				50	0	Fig.8

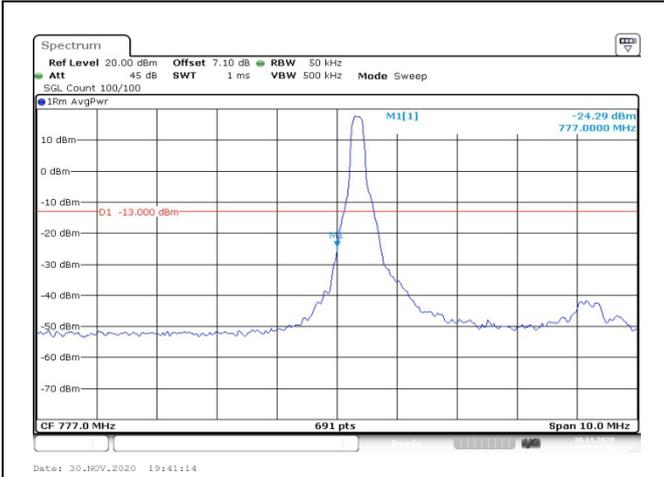


Fig.1

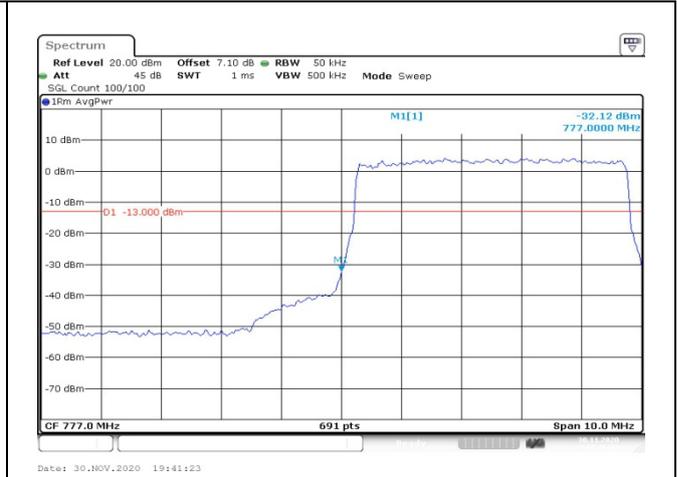


Fig.2

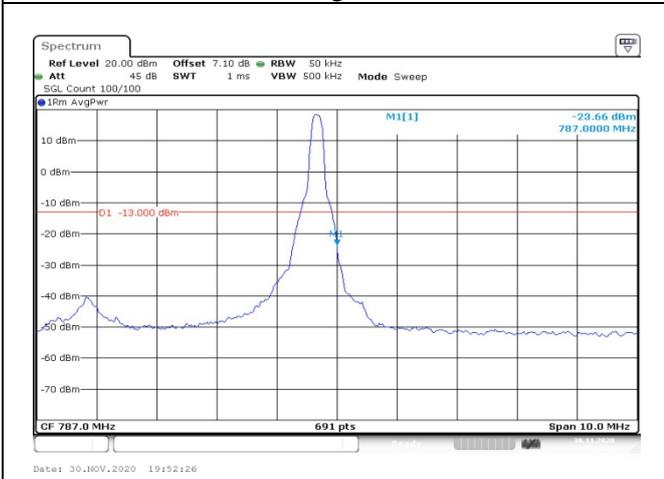


Fig.3



Fig.4

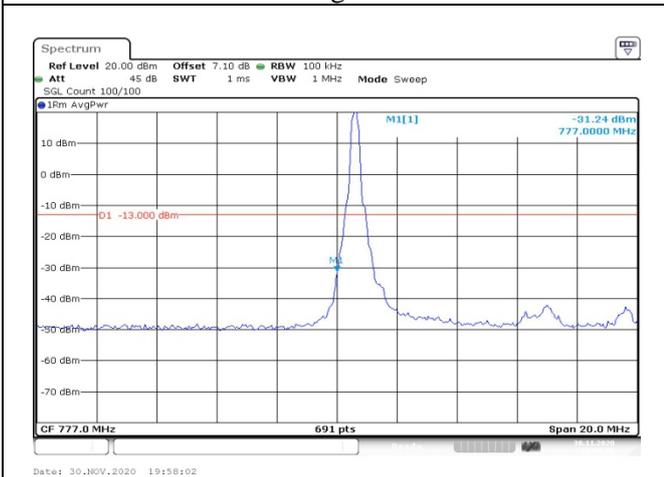


Fig.5

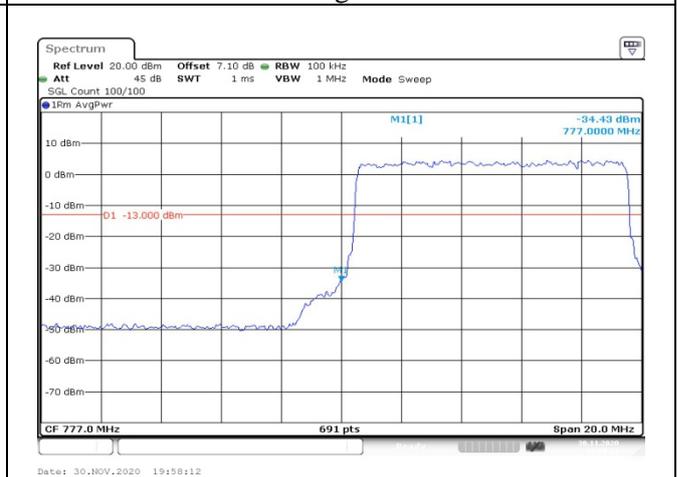


Fig.6

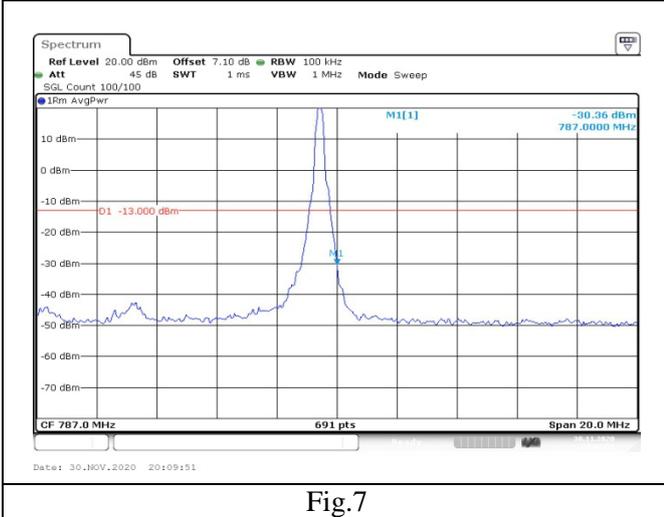


Fig.7

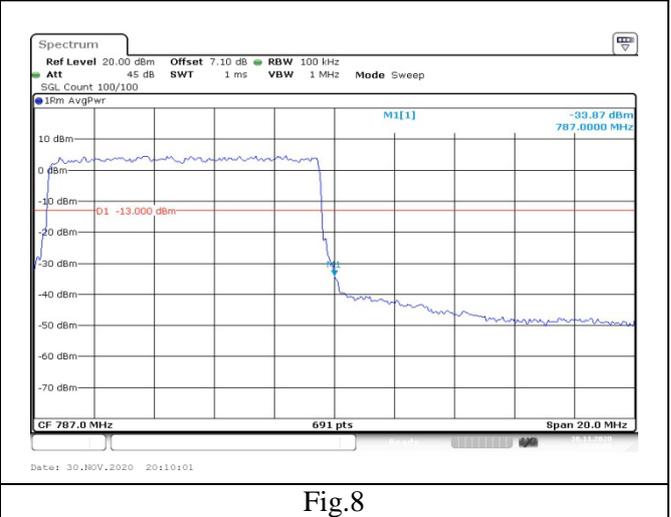


Fig.8

## 7 Emission Mask Edge

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
13	779.5	23205	5	1	0	Fig.1
				25	0	Fig.2
	784.5	23255	5	1	24	Fig.3
				25	0	Fig.4
	782	23230	10	1	0	Fig.5
				50	0	Fig.6
1				49	Fig.7	
				50	0	Fig.8



Fig.1

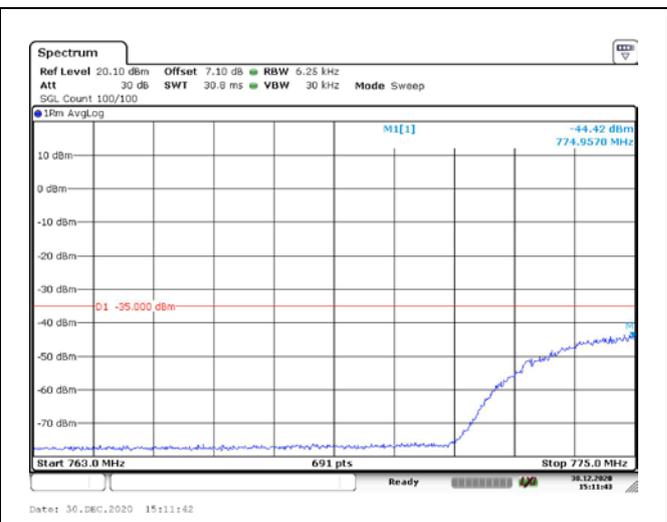


Fig.2

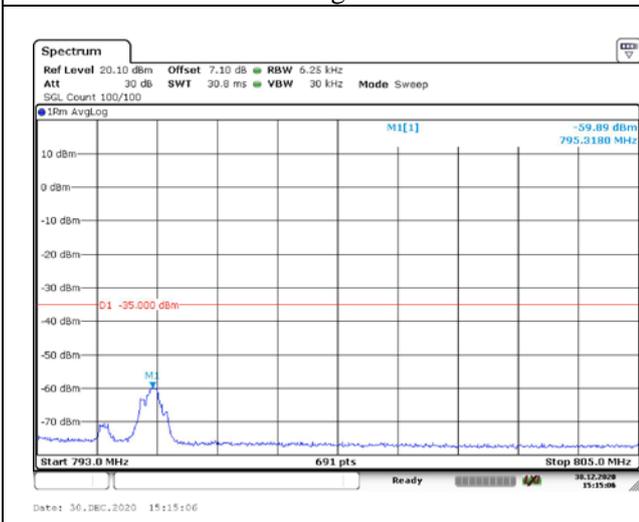


Fig.3

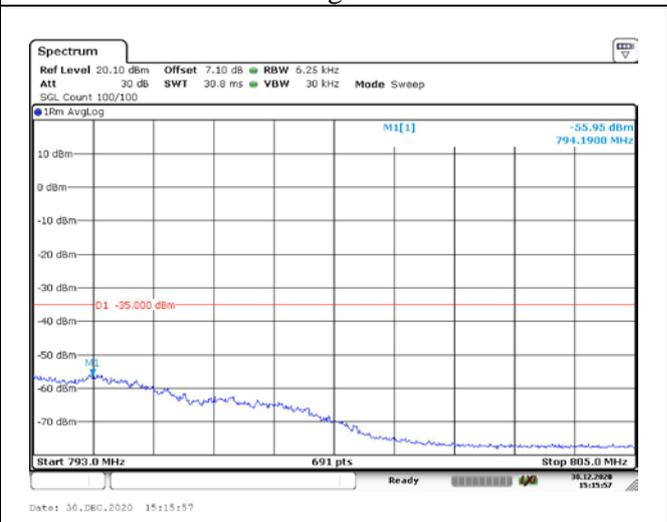


Fig.4

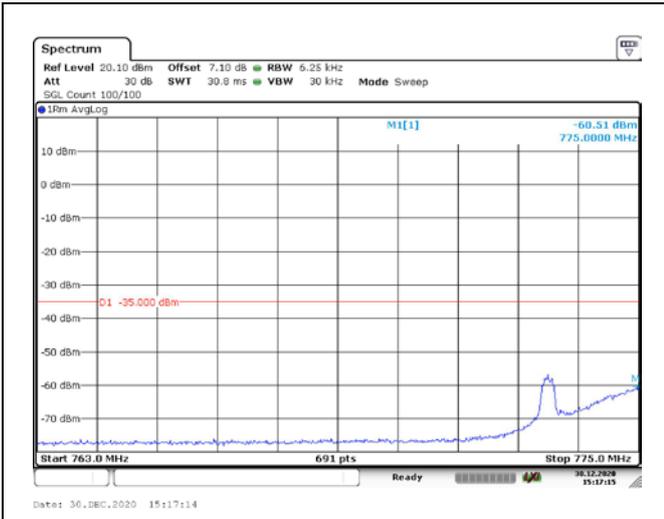


Fig.5



Fig.6

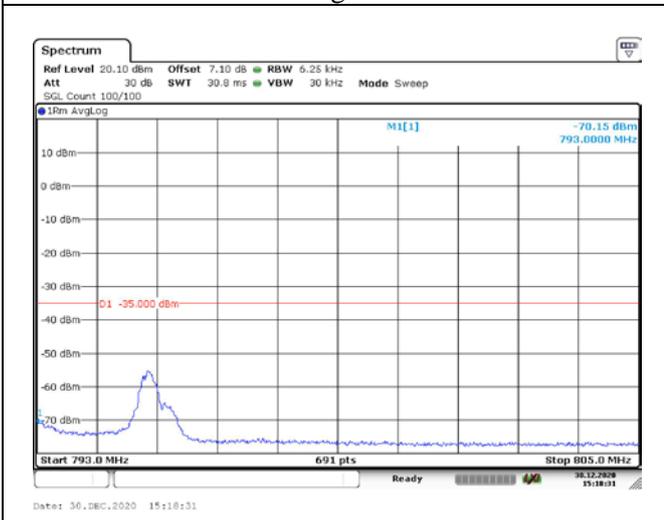


Fig.7

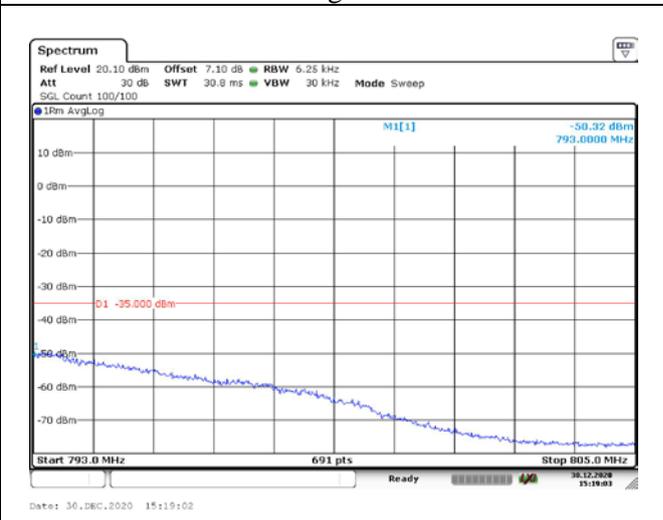


Fig.8

### 8 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band13 Low Channel QPSK	
		5M	10M
-20	NV	0.001	0.007
-10	NV	0.011	0.010
0	NV	0.008	0.004
+10	NV	0.001	0.001
+20	NV	0.000	0.000
+30	NV	0.003	0.002
+40	NV	0.006	0.010
+50	NV	0.013	0.003
+60	NV	0.007	0.006
+20	LV	0.007	0.004
+20	HV	0.008	0.009

Temperature(°C)	Voltage	Test Result (ppm) Band13 High Channel QPSK	
		5M	10M
-20	NV	0.003	0.004
-10	NV	0.009	0.006
0	NV	0.002	0.003
+10	NV	0.004	0.012
+20	NV	0.000	0.000
+30	NV	-0.002	0.007
+40	NV	0.006	0.003
+50	NV	0.006	0.003
+60	NV	0.005	0.006
+20	LV	0.006	0.011
+20	HV	0.009	0.009

### 9 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	779.5	23205	5	1	0	22.78	21.13	0.130
				1	12	22.81	21.16	0.131
				1	24	22.83	21.18	0.131
				12	0	21.86	20.21	0.105
				12	7	21.96	20.31	0.107
				12	13	21.93	20.28	0.107
				25	0	21.93	20.28	0.107
	782	23230		1	0	22.89	21.24	0.133
				1	12	22.90	21.25	0.133
				1	24	22.93	21.28	0.134
				12	0	21.98	20.33	0.108
				12	7	22.07	20.42	0.110
				12	13	22.00	20.35	0.108
				25	0	21.97	20.32	0.108
	784.5	23255		1	0	22.87	21.22	0.132
				1	12	22.86	21.21	0.132
				1	24	22.85	21.20	0.132
				12	0	22.00	20.35	0.108
				12	7	21.99	20.34	0.108
				12	13	21.99	20.34	0.108
				25	0	21.99	20.34	0.108
16QAM	779.5	23205	1	0	21.77	20.12	0.103	
			1	12	21.85	20.20	0.105	
			1	24	21.85	20.20	0.105	
			12	0	20.87	19.22	0.084	
			12	7	20.90	19.25	0.084	
			12	13	20.90	19.25	0.084	
			25	0	20.97	19.32	0.086	
	782	23230	1	0	22.24	20.59	0.115	
			1	12	22.17	20.52	0.113	
			1	24	22.26	20.61	0.115	
			12	0	21.05	19.40	0.087	
			12	7	21.12	19.47	0.089	
			12	13	21.12	19.47	0.089	
			25	0	21.01	19.36	0.086	
	784.5	23255	1	0	22.00	20.35	0.108	
			1	12	21.95	20.30	0.107	
			1	24	21.96	20.31	0.107	
			12	0	20.94	19.29	0.085	
			12	7	20.94	19.29	0.085	
			12	13	20.95	19.30	0.085	
			25	0	21.02	19.37	0.086	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	779.5	23205	5	1	0	21.02	19.37	0.086
				1	12	21.01	19.36	0.086
				1	24	21.04	19.39	0.087
				12	0	21.02	19.37	0.086
				12	7	20.97	19.32	0.086
				12	13	21.04	19.39	0.087
				25	0	21.03	19.38	0.087
	782	23230		1	0	21.02	19.37	0.086
				1	12	21.03	19.38	0.087
				1	24	21.02	19.37	0.086
				12	0	21.02	19.37	0.086
				12	7	21.03	19.38	0.087
				12	13	21.04	19.39	0.087
				25	0	21.02	19.37	0.086
	784.5	23255		1	0	21.02	19.37	0.086
				1	12	21.02	19.37	0.086
				1	24	21.04	19.39	0.087
				12	0	21.04	19.39	0.087
				12	7	21.04	19.39	0.087
				12	13	21.04	19.39	0.087
				25	0	21.05	19.40	0.087

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	782	23230	10	1	0	23.03	21.38	0.137
				1	25	22.85	21.20	0.132
				1	49	22.85	21.20	0.132
				25	0	22.04	20.39	0.109
				25	12	22.06	20.41	0.110
				25	25	22.06	20.41	0.110
16QAM				50	0	22.05	20.40	0.110
				1	0	22.56	20.91	0.123
				1	25	22.48	20.83	0.121
				1	49	22.49	20.84	0.121
				25	0	21.07	19.42	0.087
				25	12	21.12	19.47	0.089
64QAM				25	25	21.05	19.40	0.087
				50	0	21.00	19.35	0.086
				1	0	21.02	19.37	0.086
				1	25	21.01	19.36	0.086
				1	49	21.02	19.37	0.086
				25	0	21.07	19.42	0.087
	25	12	21.07	19.42	0.087			
	25	25	21.02	19.37	0.086			
	50	0	21.03	19.38	0.087			