

Fig.61

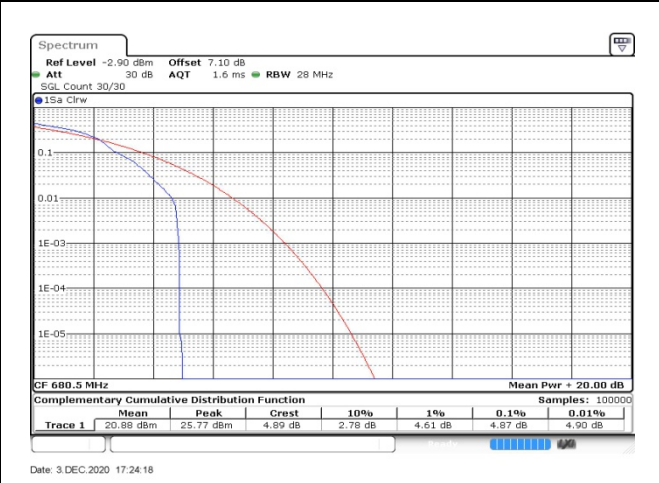


Fig.62

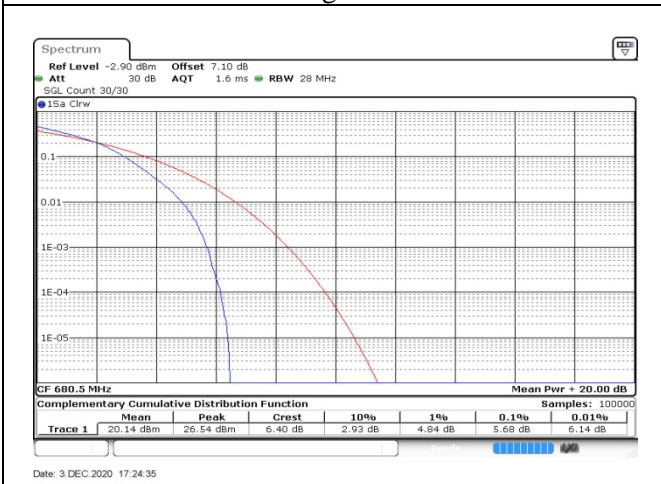


Fig.63

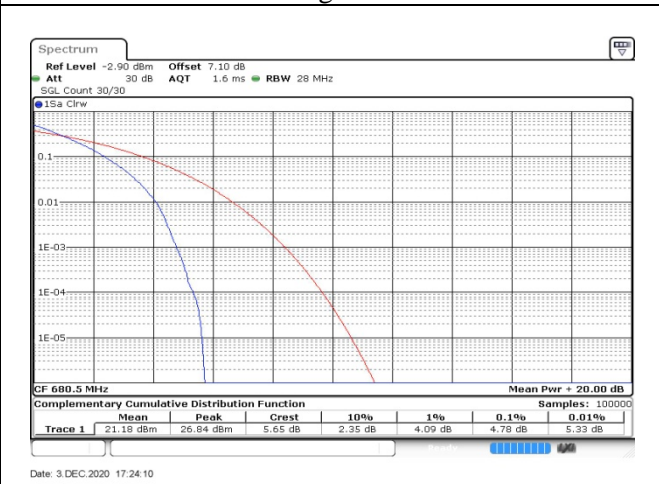


Fig.64

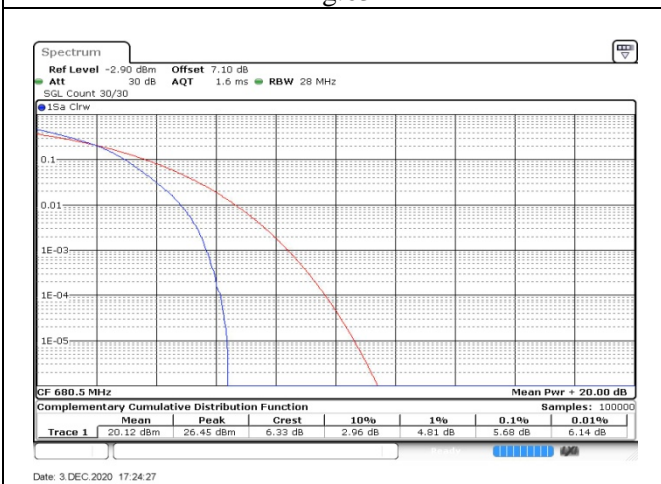


Fig.65

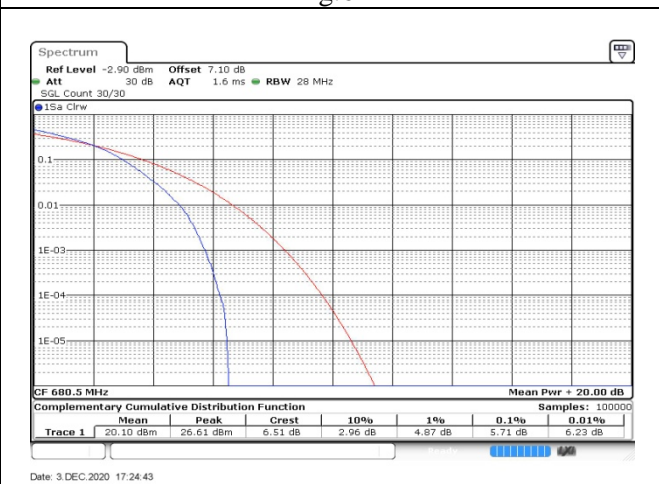


Fig.66

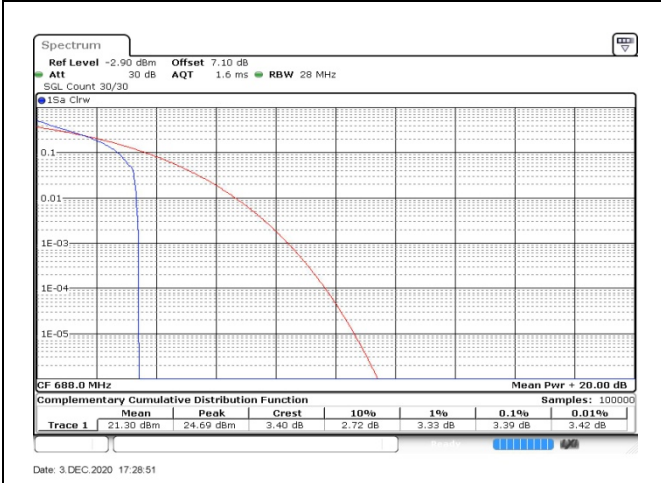


Fig.67

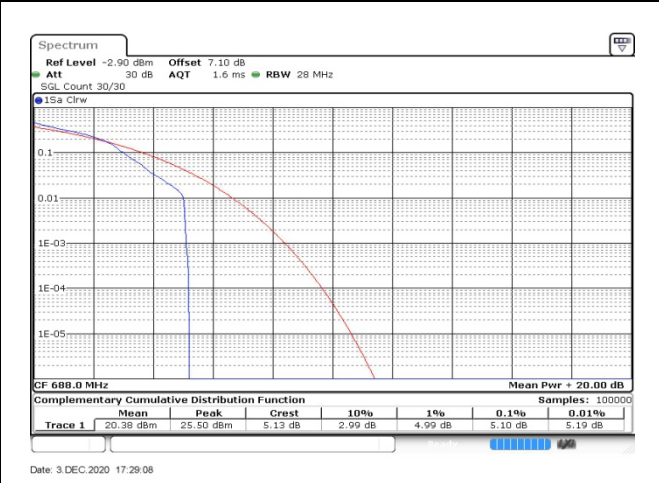


Fig.68

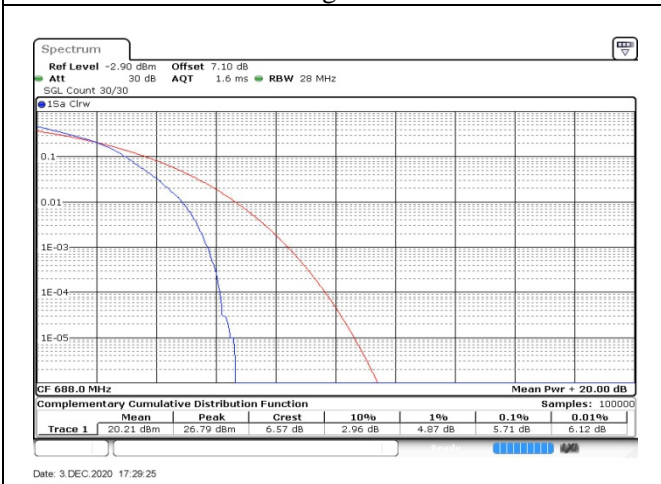


Fig.69

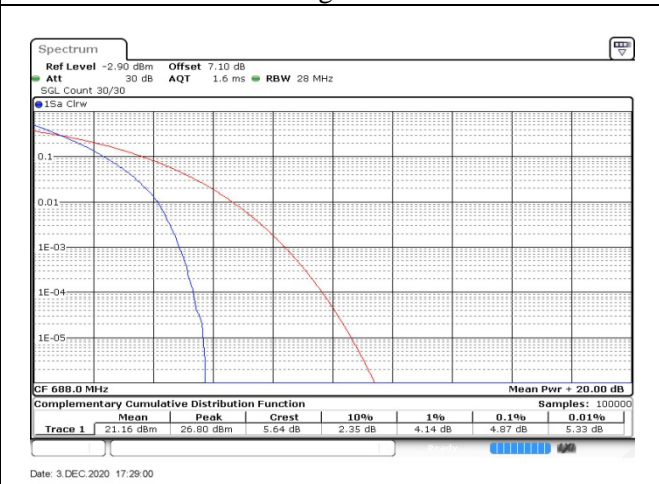


Fig.70

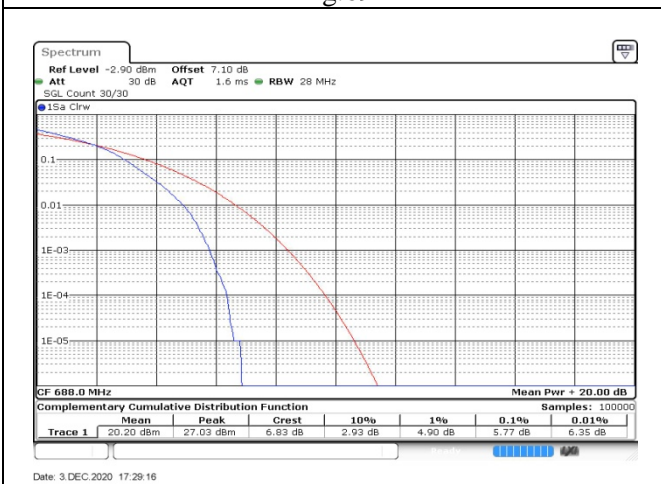


Fig.71

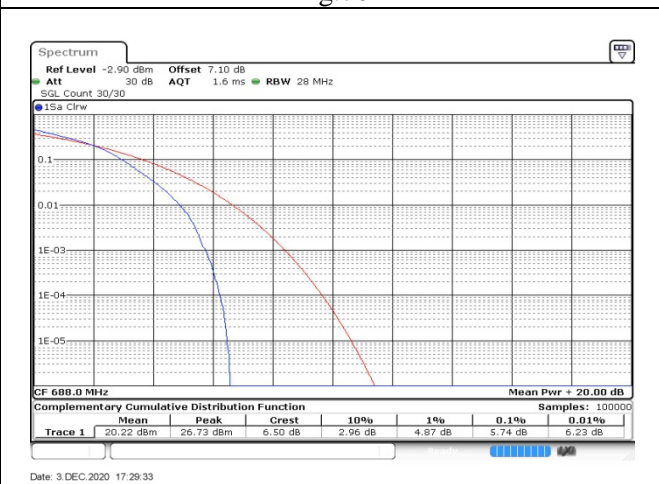


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
71	673	133222	20	1	99	Fig.1
	683	133322		1	99	Fig.2
	688	133372		1	99	Fig.3

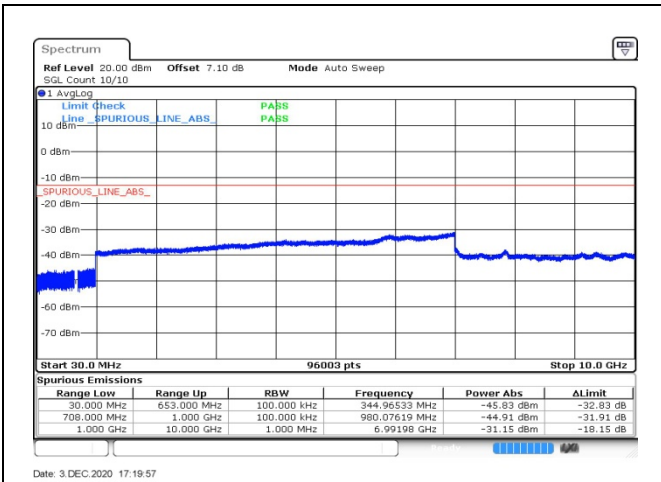


Fig.1

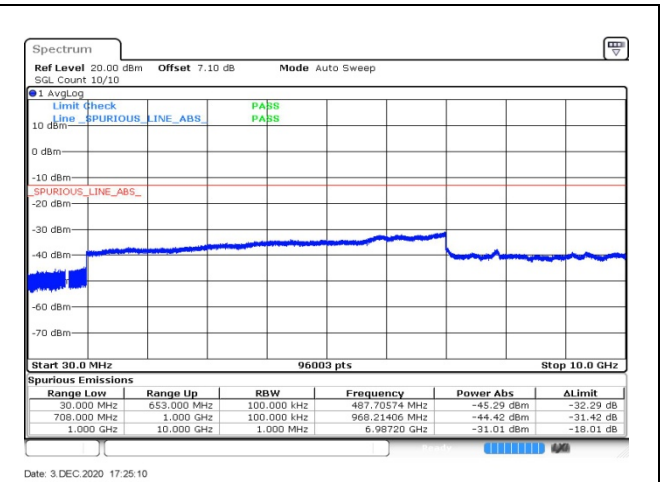


Fig.2

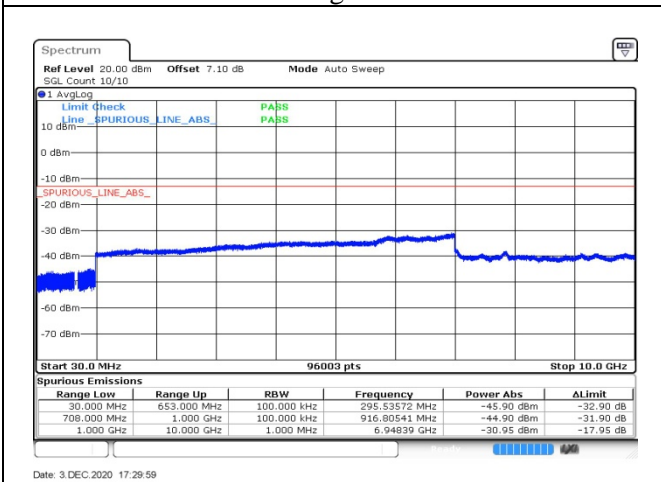


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot		
						QPSK		
71	665.5	133147	5	1	0	Fig.1		
				25	0	Fig.2		
	695.5	133447		1	24	Fig.3		
				25	0	Fig.4		
	668	133172	10	1	0	Fig.5		
				50	0	Fig.6		
				693	133422	1	49	Fig.7
	50	0				Fig.8		
	670.5	133197		15	1	0	Fig.9	
					75	0	Fig.10	
			690.5		133397	1	74	Fig.11
	75	0				Fig.12		
	673	133222	20		1	0	Fig.13	
					100	0	Fig.14	
				688	133372	1	99	Fig.15
						100	0	Fig.16

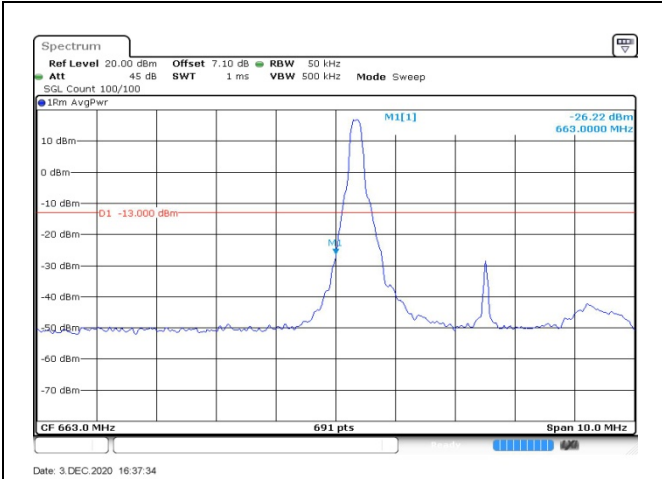


Fig.1

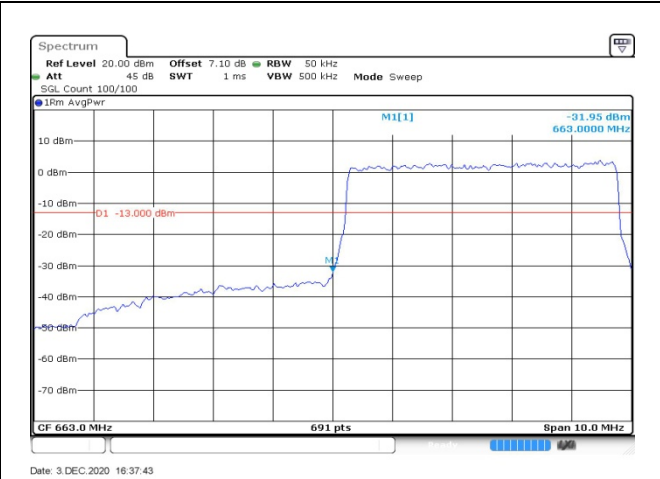


Fig.2

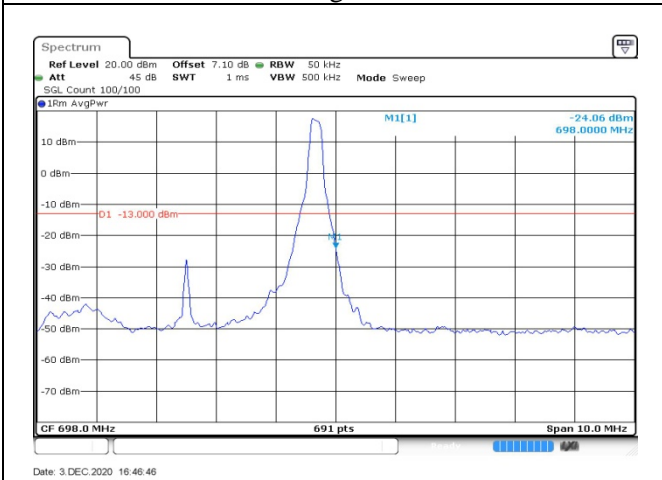


Fig.3

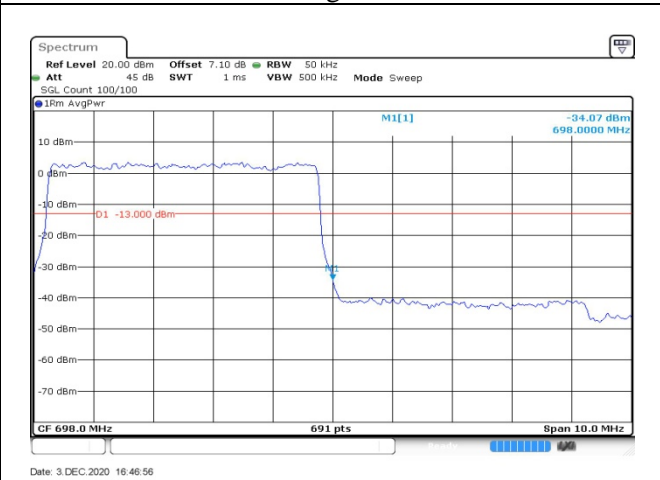


Fig.4

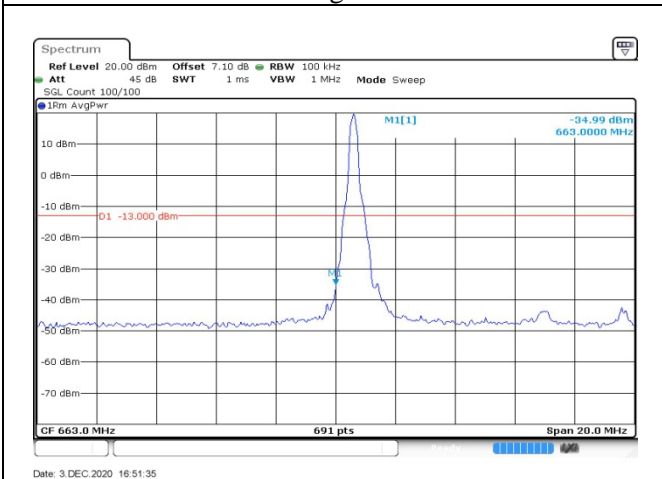


Fig.5

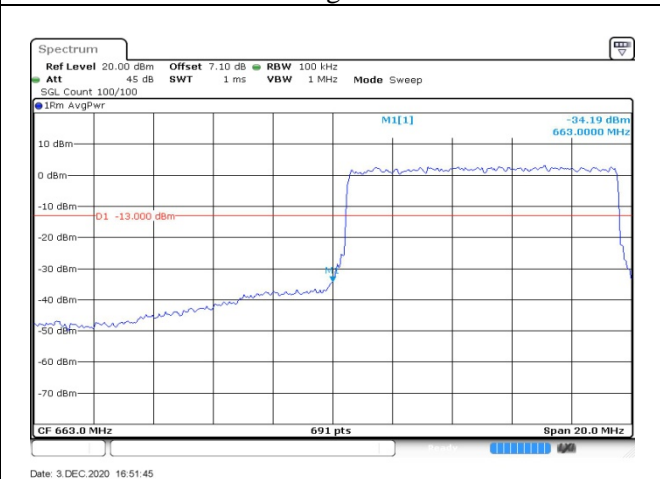


Fig.6

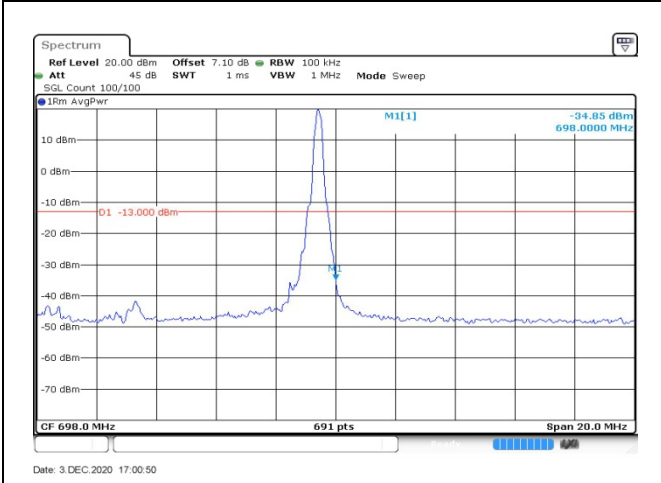


Fig.7

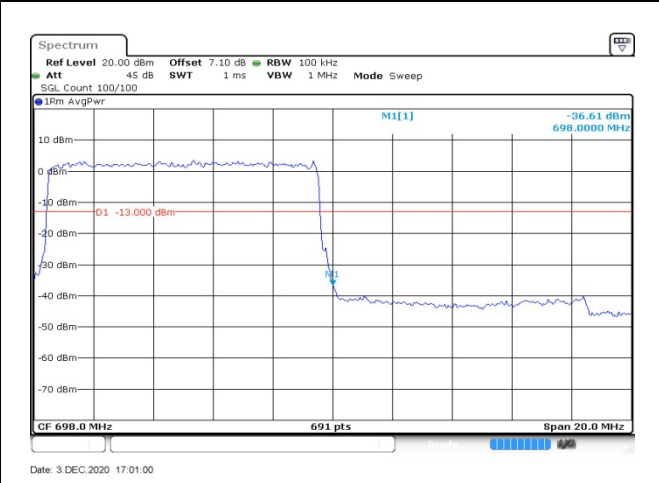


Fig.8

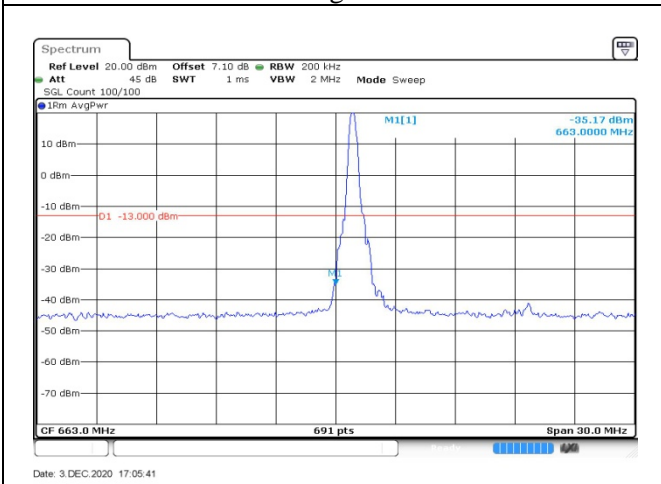


Fig.9

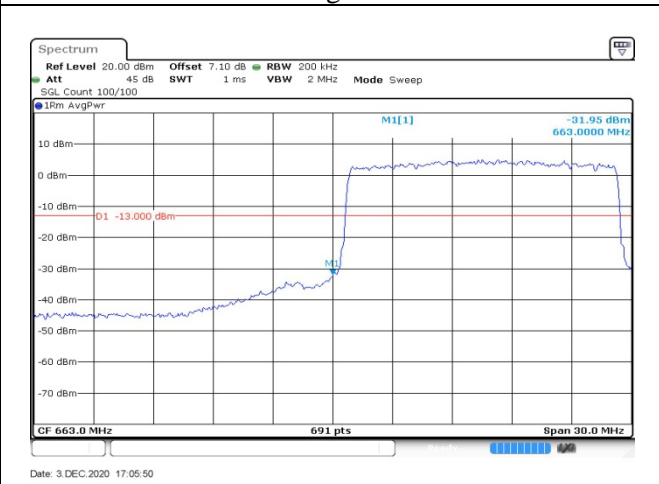


Fig.10

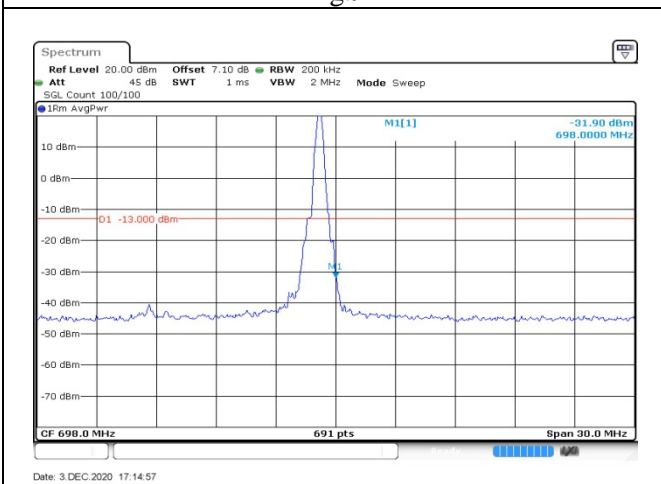


Fig.11

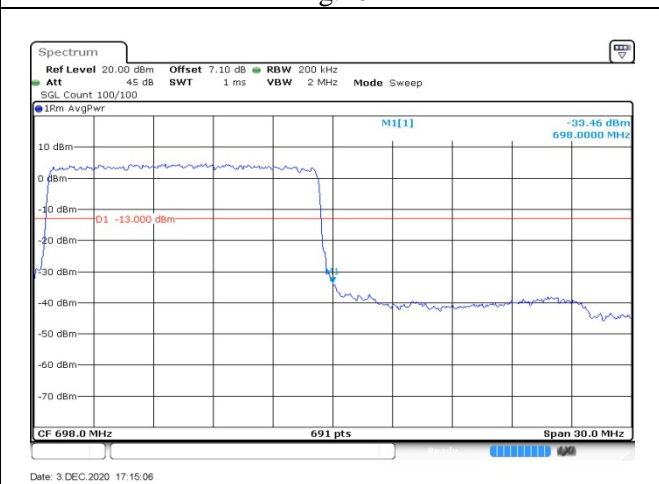


Fig.12

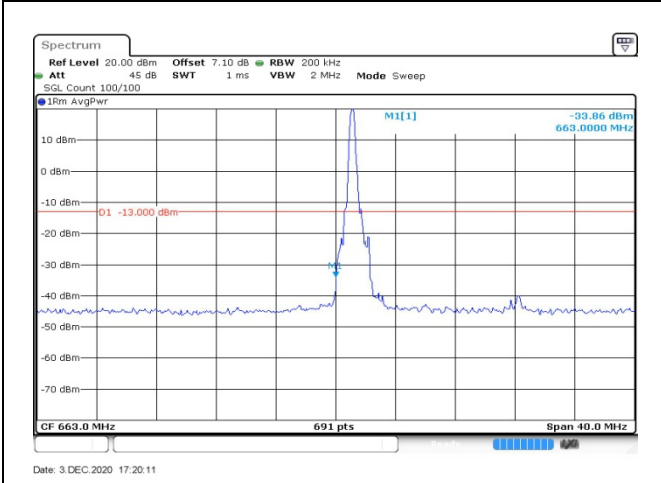


Fig.13

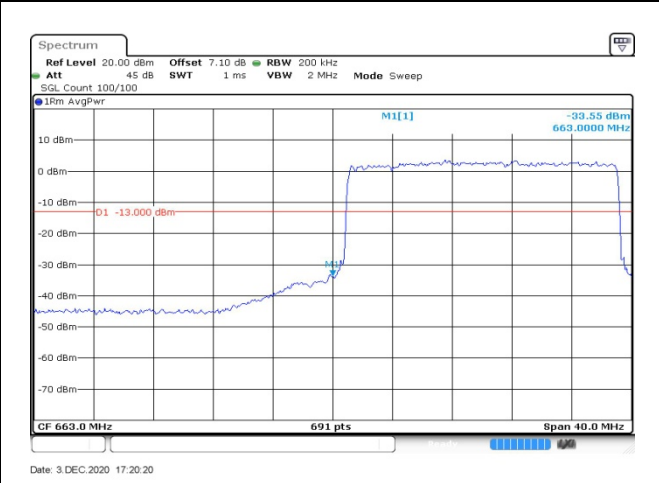


Fig.14

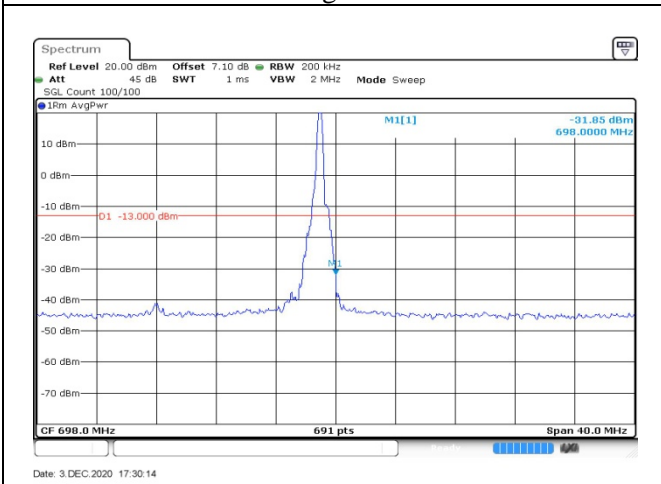


Fig.15

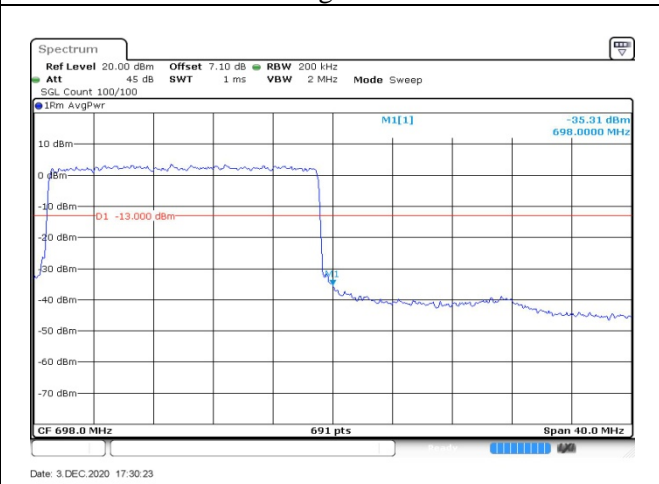


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band71 Low Channel QPSK			
		5M	10M	15M	20M
-20	NV	-0.002	0.004	-0.003	0.003
-10	NV	-0.003	0.007	0.006	0.004
0	NV	0.001	0.007	-0.008	0.006
+10	NV	-0.004	0.005	0.004	0.009
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.001	0.004	-0.005	0.003
+40	NV	0.002	0.007	0.005	0.004
+50	NV	-0.002	0.006	0.004	0.004
+60	NV	0.003	0.004	0.003	0.006
+20	LV	0.000	0.005	0.003	0.003
+20	HV	0.005	0.005	0.006	0.006

Temperature(°C)	Voltage	Test Result (ppm) Band71 Low Channel QPSK			
		5M	10M	15M	20M
-20	NV	-0.001	0.004	-0.002	0.004
-10	NV	0.003	0.002	-0.007	0.004
0	NV	0.008	0.007	0.006	0.007
+10	NV	0.005	0.010	0.004	0.004
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.001	0.009	0.005	0.007
+40	NV	0.001	0.005	0.008	0.002
+50	NV	0.007	0.006	0.006	0.004
+60	NV	0.005	0.007	0.001	0.005
+20	LV	-0.001	0.009	0.006	0.004
+20	HV	0.002	0.006	0.003	0.007

8 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	665.5	133147	5	1	0	22.52	20.67	0.117
				1	12	22.61	20.76	0.119
				1	24	22.62	20.77	0.119
				12	0	21.67	19.82	0.096
				12	7	21.73	19.88	0.097
				12	13	21.74	19.89	0.097
				25	0	21.69	19.84	0.096
	680.5	133297		1	0	22.58	20.73	0.118
				1	12	22.64	20.79	0.120
				1	24	22.69	20.84	0.121
				12	0	21.68	19.83	0.096
				12	7	21.76	19.91	0.098
				12	13	21.75	19.90	0.098
				25	0	21.72	19.87	0.097
	695.5	133447		1	0	22.60	20.75	0.119
				1	12	22.73	20.88	0.122
				1	24	22.71	20.86	0.122
				12	0	21.68	19.83	0.096
				12	7	21.77	19.92	0.098
				12	13	21.83	19.98	0.100
				25	0	21.75	19.90	0.098
16QAM	665.5	133147	1	0	21.59	19.74	0.094	
			1	12	21.73	19.88	0.097	
			1	24	21.76	19.91	0.098	
			12	0	20.61	18.76	0.075	
			12	7	20.73	18.88	0.077	
			12	13	20.66	18.81	0.076	
			25	0	20.71	18.86	0.077	
	680.5	133297	1	0	21.66	19.81	0.096	
			1	12	21.80	19.95	0.099	
			1	24	21.79	19.94	0.099	
			12	0	20.60	18.75	0.075	
			12	7	20.72	18.87	0.077	
			12	13	20.73	18.88	0.077	
			25	0	20.78	18.93	0.078	
	695.5	133447	1	0	21.70	19.85	0.097	
			1	12	21.83	19.98	0.100	
			1	24	21.83	19.98	0.100	
			12	0	20.65	18.80	0.076	
			12	7	20.76	18.91	0.078	
			12	13	20.77	18.92	0.078	
			25	0	20.81	18.96	0.079	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	665.5	133147	5	1	0	20.76	18.91	0.078
				1	12	20.75	18.90	0.078
				1	24	20.71	18.86	0.077
				12	0	20.71	18.86	0.077
				12	7	20.71	18.86	0.077
				12	13	20.69	18.84	0.077
				25	0	20.68	18.83	0.076
	680.5	133297		1	0	20.77	18.92	0.078
				1	12	20.77	18.92	0.078
				1	24	20.78	18.93	0.078
				12	0	20.77	18.92	0.078
				12	7	20.75	18.90	0.078
				12	13	20.76	18.91	0.078
				25	0	20.77	18.92	0.078
	695.5	133447		1	0	20.79	18.94	0.078
				1	12	20.79	18.94	0.078
				1	24	20.79	18.94	0.078
				12	0	20.78	18.93	0.078
				12	7	20.79	18.94	0.078
				12	13	20.79	18.94	0.078
				25	0	20.79	18.94	0.078

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	668	133172	10	1	0	22.52	20.67	0.117
				1	25	22.58	20.73	0.118
				1	49	22.63	20.78	0.120
				25	0	21.63	19.78	0.095
				25	12	21.70	19.85	0.097
				25	25	21.67	19.82	0.096
				50	0	21.62	19.77	0.095
	680.5	133297		1	0	22.51	20.66	0.116
				1	25	22.59	20.74	0.119
				1	49	22.55	20.70	0.117
				25	0	21.64	19.79	0.095
				25	12	21.68	19.83	0.096
				25	25	21.66	19.81	0.096
				50	0	21.68	19.83	0.096
	693	133422		1	0	22.59	20.74	0.119
				1	25	22.78	20.93	0.124
				1	49	22.69	20.84	0.121
				25	0	21.69	19.84	0.096
				25	12	21.72	19.87	0.097
				25	25	21.71	19.86	0.097
				50	0	21.71	19.86	0.097
16QAM	668	133172	1	0	21.67	19.82	0.096	
			1	25	21.74	19.89	0.097	
			1	49	21.75	19.90	0.098	
			25	0	20.67	18.82	0.076	
			25	12	20.72	18.87	0.077	
			25	25	20.80	18.95	0.079	
			50	0	20.63	18.78	0.076	
	680.5	133297	1	0	21.62	19.77	0.095	
			1	25	21.81	19.96	0.099	
			1	49	21.79	19.94	0.099	
			25	0	20.75	18.90	0.078	
			25	12	20.76	18.91	0.078	
			25	25	20.81	18.96	0.079	
			50	0	20.72	18.87	0.077	
	693	133422	1	0	21.84	19.99	0.100	
			1	25	21.86	20.01	0.100	
			1	49	21.84	19.99	0.100	
			25	0	20.80	18.95	0.079	
			25	12	20.88	19.03	0.080	
			25	25	20.82	18.97	0.079	
			50	0	20.77	18.92	0.078	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
64QAM	668	133172	10	1	0	20.62	18.77	0.075
				1	25	20.68	18.83	0.076
				1	49	20.68	18.83	0.076
				25	0	20.67	18.82	0.076
				25	12	20.70	18.85	0.077
				25	25	20.67	18.82	0.076
	680.5	133297		50	0	20.66	18.81	0.076
				1	0	20.73	18.88	0.077
				1	25	20.72	18.87	0.077
				1	49	20.72	18.87	0.077
				25	0	20.73	18.88	0.077
				25	12	20.73	18.88	0.077
	693	133422		25	25	20.77	18.92	0.078
				50	0	20.73	18.88	0.077
				1	0	20.75	18.90	0.078
				1	25	20.78	18.93	0.078
				1	49	20.78	18.93	0.078
				25	0	20.76	18.91	0.078
				25	12	20.73	18.88	0.077
				25	25	20.76	18.91	0.078
				50	0	20.77	18.92	0.078

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	670.5	133197	15	1	0	22.72	20.87	0.122
				1	37	22.85	21.00	0.126
				1	74	22.88	21.03	0.127
				36	0	21.87	20.02	0.100
				36	29	22.00	20.15	0.104
				36	30	22.00	20.15	0.104
				75	0	21.84	19.99	0.100
	680.5	133297		1	0	22.90	21.05	0.127
				1	37	22.90	21.05	0.127
				1	74	22.95	21.10	0.129
				36	0	21.92	20.07	0.102
				36	29	21.96	20.11	0.103
				36	30	21.93	20.08	0.102
				75	0	21.85	20.00	0.100
	690.5	133397		1	0	22.98	21.13	0.130
				1	37	22.91	21.06	0.128
				1	74	22.95	21.10	0.129
				36	0	21.91	20.06	0.101
				36	29	21.97	20.12	0.103
				36	30	21.96	20.11	0.103
				75	0	21.93	20.08	0.102
16QAM	670.5	133197	1	0	22.11	20.26	0.106	
			1	37	22.36	20.51	0.112	
			1	74	22.24	20.39	0.109	
			36	0	20.80	18.95	0.079	
			36	29	20.90	19.05	0.080	
			36	30	20.89	19.04	0.080	
			75	0	20.86	19.01	0.080	
	680.5	133297	1	0	22.39	20.54	0.113	
			1	37	22.39	20.54	0.113	
			1	74	22.41	20.56	0.114	
			36	0	20.88	19.03	0.080	
			36	29	20.87	19.02	0.080	
			36	30	20.87	19.02	0.080	
			75	0	20.85	19.00	0.079	
	690.5	133397	1	0	22.45	20.60	0.115	
			1	37	22.38	20.53	0.113	
			1	74	22.35	20.50	0.112	
			36	0	20.84	18.99	0.079	
			36	29	20.90	19.05	0.080	
			36	30	20.93	19.08	0.081	
			75	0	20.88	19.03	0.080	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	670.5	133197	15	1	0	20.88	19.03	0.080
				1	37	20.85	19.00	0.079
				1	74	20.85	19.00	0.079
				36	0	20.85	19.00	0.079
				36	29	20.84	18.99	0.079
				36	30	20.84	18.99	0.079
				75	0	20.91	19.06	0.081
	680.5	133297		1	0	20.84	18.99	0.079
				1	37	20.84	18.99	0.079
				1	74	20.85	19.00	0.079
				36	0	20.86	19.01	0.080
				36	29	20.85	19.00	0.079
				36	30	20.86	19.01	0.080
				75	0	20.84	18.99	0.079
	690.5	133397		1	0	20.84	18.99	0.079
				1	37	20.87	19.02	0.080
				1	74	20.84	18.99	0.079
				36	0	20.93	19.08	0.081
				36	29	20.86	19.01	0.080
				36	30	20.89	19.04	0.080
				75	0	20.82	18.97	0.079

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	673	133222	20	1	0	22.75	20.90	0.123
				1	49	22.93	21.08	0.128
				1	99	22.95	21.10	0.129
				50	0	21.75	19.90	0.098
				50	24	21.88	20.03	0.101
				50	50	21.88	20.03	0.101
				100	0	21.89	20.04	0.101
	683	133322		1	0	22.79	20.94	0.124
				1	49	22.82	20.97	0.125
				1	99	22.96	21.11	0.129
				50	0	21.80	19.95	0.099
				50	24	21.98	20.13	0.103
				50	50	21.96	20.11	0.103
				100	0	21.89	20.04	0.101
	688	133372		1	0	22.89	21.04	0.127
				1	49	22.94	21.09	0.129
				1	99	22.98	21.13	0.130
				50	0	21.83	19.98	0.100
				50	24	22.03	20.18	0.104
				50	50	22.00	20.15	0.104
				100	0	21.95	20.10	0.102
16QAM	673	133222	1	0	22.28	20.43	0.110	
			1	49	22.52	20.67	0.117	
			1	99	22.57	20.72	0.118	
			50	0	20.68	18.83	0.076	
			50	24	20.91	19.06	0.081	
			50	50	20.89	19.04	0.080	
			100	0	20.83	18.98	0.079	
	683	133322	1	0	22.33	20.48	0.112	
			1	49	22.61	20.76	0.119	
			1	99	22.52	20.67	0.117	
			50	0	20.74	18.89	0.077	
			50	24	21.01	19.16	0.082	
			50	50	20.93	19.08	0.081	
			100	0	20.83	18.98	0.079	
	688	133372	1	0	22.45	20.60	0.115	
			1	49	22.50	20.65	0.116	
			1	99	22.54	20.69	0.117	
			50	0	20.82	18.97	0.079	
			50	24	21.03	19.18	0.083	
			50	50	20.96	19.11	0.081	
			100	0	20.91	19.06	0.081	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
64QAM	673	133222	20	1	0	20.83	18.98	0.079	
				1	49	20.89	19.04	0.080	
				1	99	20.81	18.96	0.079	
				50	0	20.82	18.97	0.079	
				50	24	20.82	18.97	0.079	
				50	50	20.88	19.03	0.080	
	683	133322		100	0	20.81	18.96	0.079	
				1	0	20.83	18.98	0.079	
				1	49	20.89	19.04	0.080	
				1	99	20.85	19.00	0.079	
				50	0	20.82	18.97	0.079	
				50	24	20.82	18.97	0.079	
	688	133372		50	50	20.85	19.00	0.079	
				100	0	20.83	18.98	0.079	
				1	0	20.88	19.03	0.080	
				1	49	20.90	19.05	0.080	
				1	99	20.89	19.04	0.080	
				50	0	20.89	19.04	0.080	
					50	24	20.89	19.04	0.080
					50	50	20.90	19.05	0.080
					50	0	20.90	19.05	0.080
					100	0	20.90	19.05	0.080