

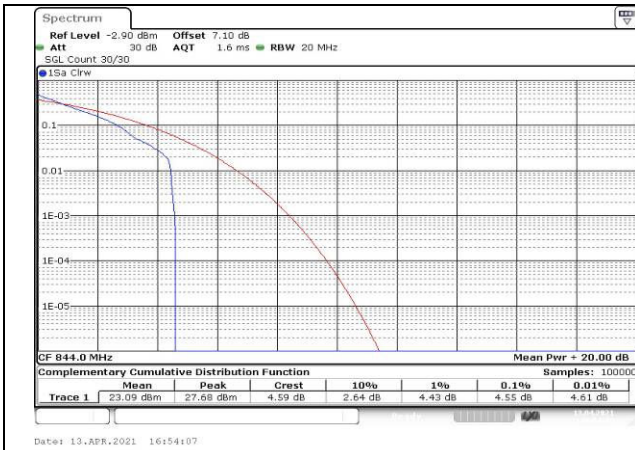


Fig.67

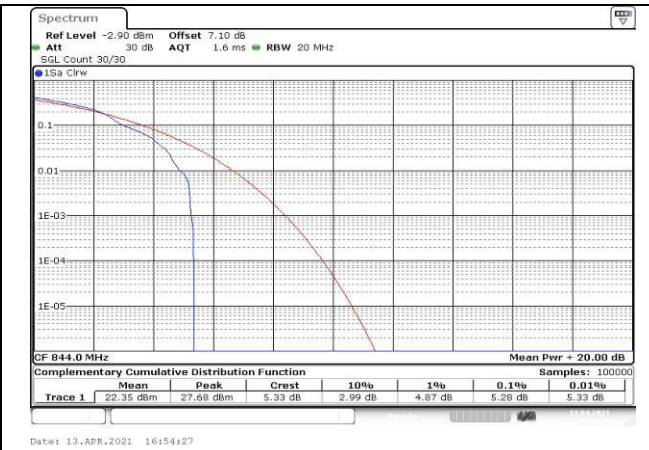


Fig.68

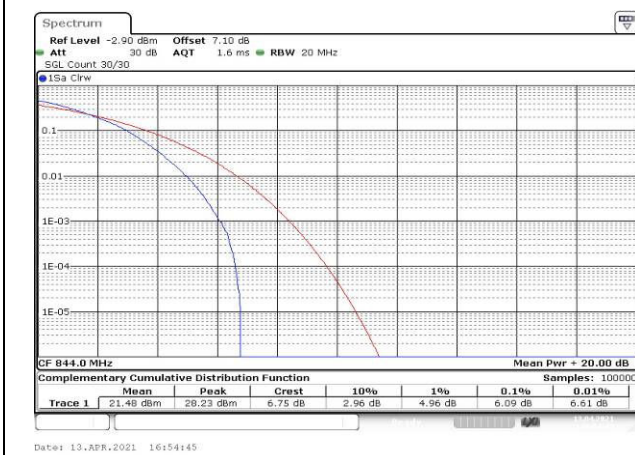


Fig.69

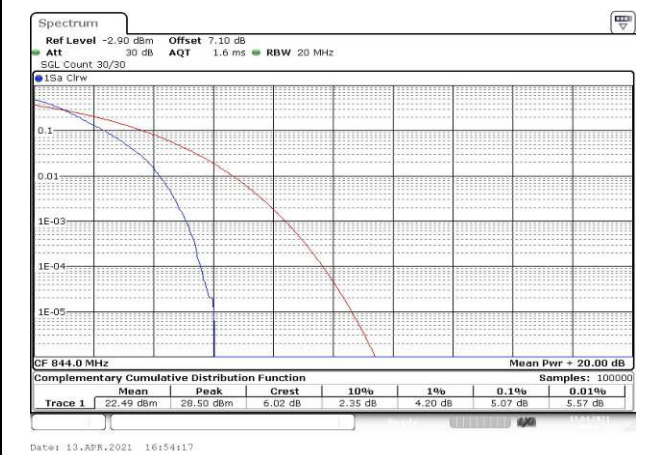


Fig.70

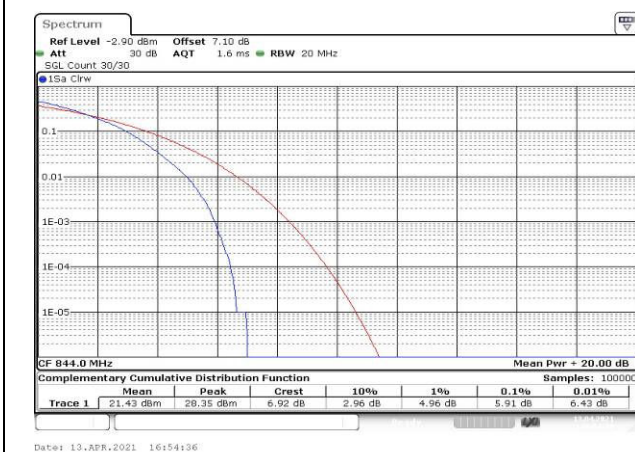


Fig.71

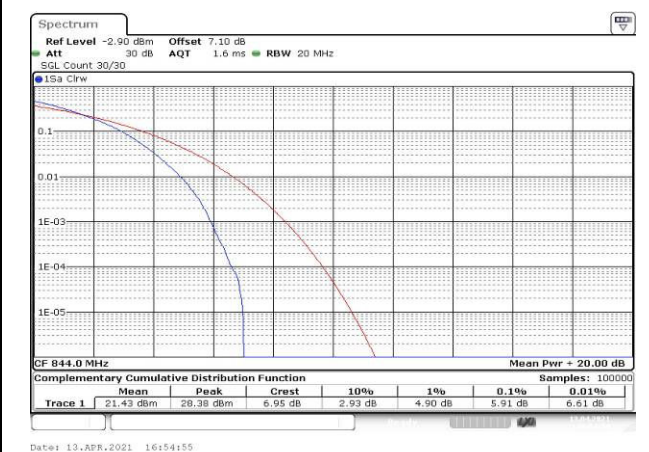


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
5	829	20450	10	1	0	Fig.1
	836.5	20525		1	0	Fig.2
	844	20600		1	0	Fig.3

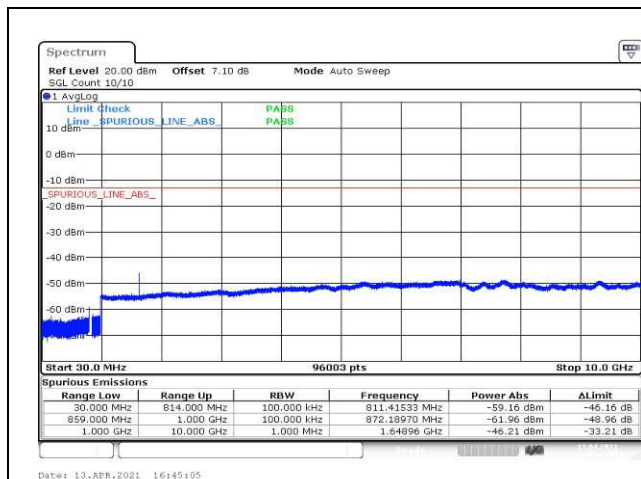


Fig.1

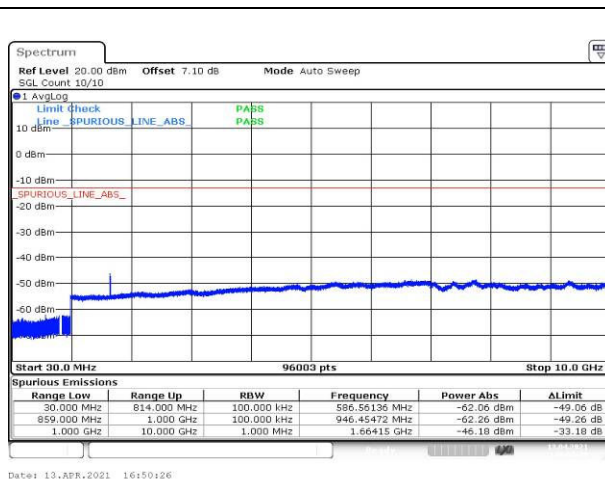


Fig.2

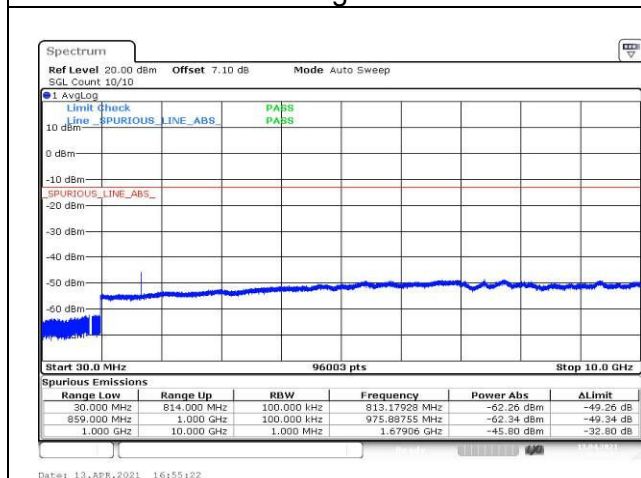


Fig.3

6 Band Edges Compliance

Band Edges Compliance							
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot	
						QPSK	
5	824.7	20407	1.4	1	0	Fig.1	
				6	0	Fig.2	
		848.3		20643	1	5	Fig.3
					6	0	Fig.4
	825.5	20415	3	1	0	Fig.5	
				15	0	Fig.6	
		847.5		20635	1	14	Fig.7
					15	0	Fig.8
	826.5	20425	5	1	0	Fig.9	
				25	0	Fig.10	
		846.5		20625	1	24	Fig.11
					25	0	Fig.12
	829	20450	10	1	0	Fig.13	
				50	0	Fig.14	
		844		20600	1	49	Fig.15
					50	0	Fig.16

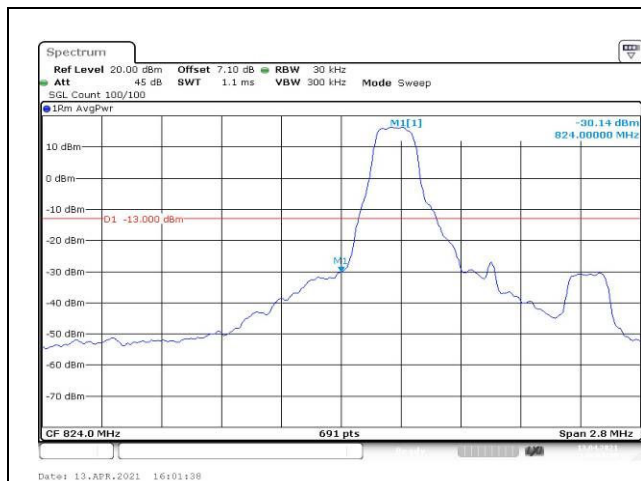


Fig.1

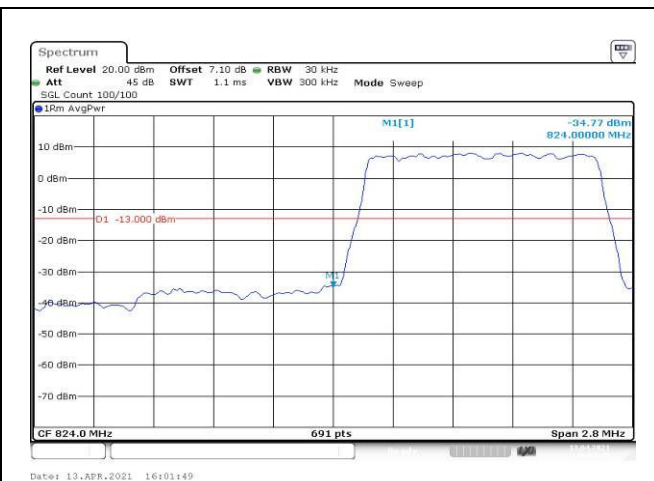


Fig.2

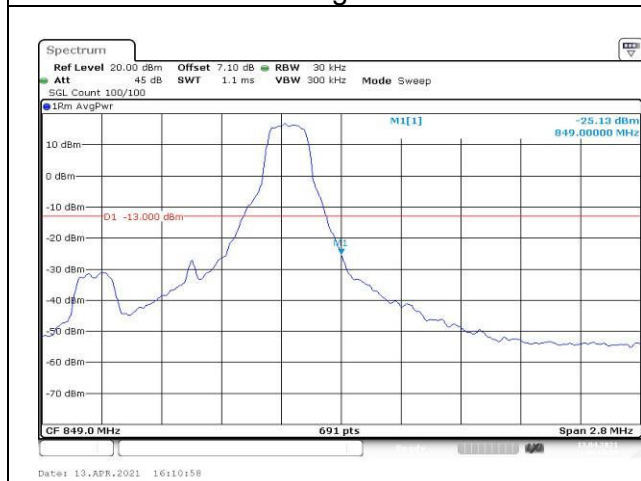


Fig.3

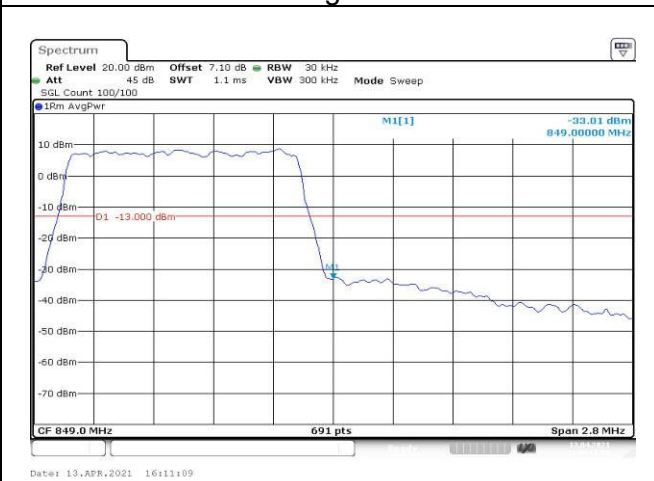


Fig.4

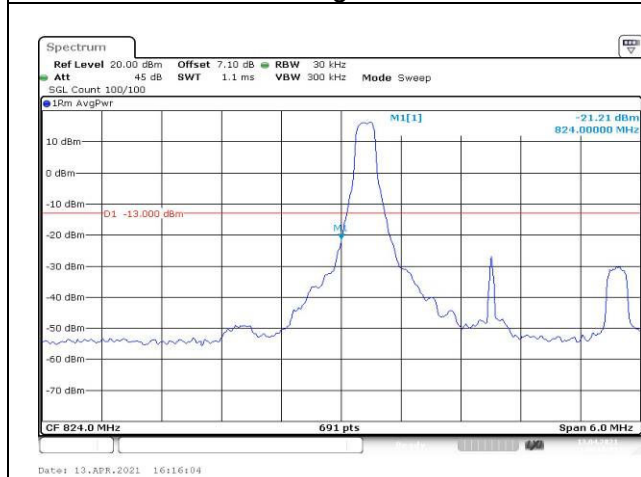


Fig.5

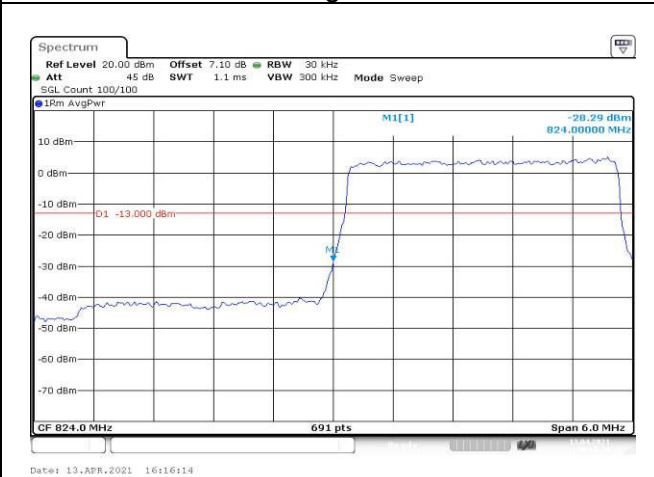


Fig.6

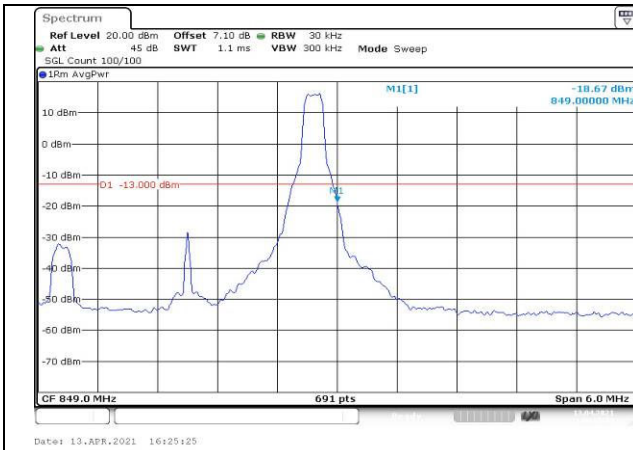


Fig.7

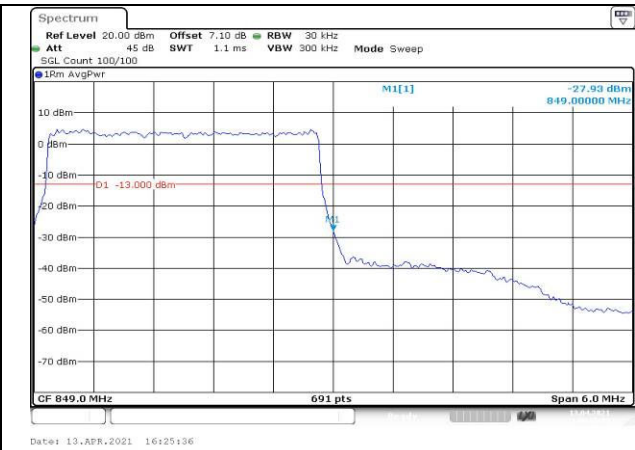


Fig.8

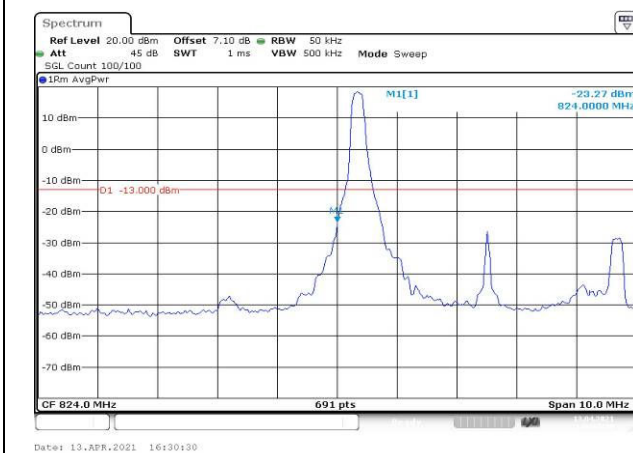


Fig.9

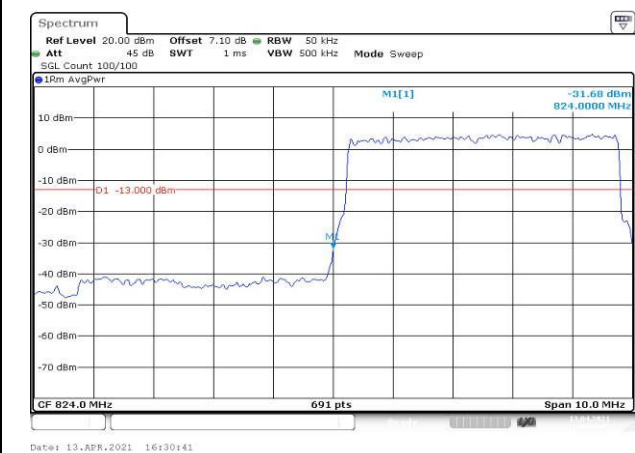


Fig.10

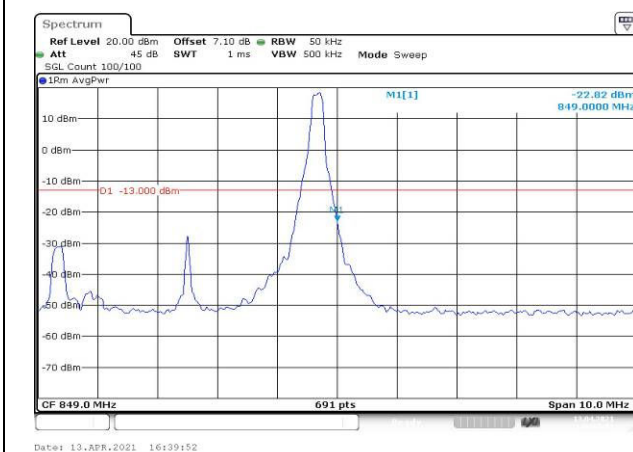


Fig.11

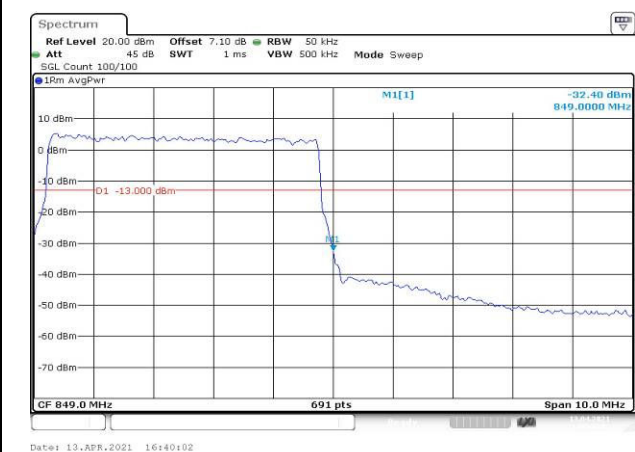


Fig.12

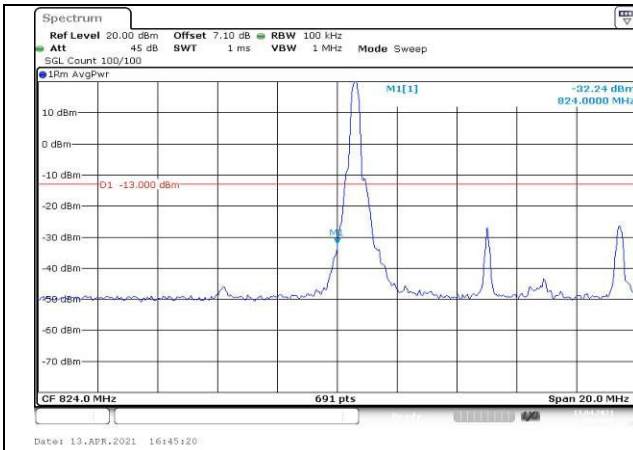


Fig.13

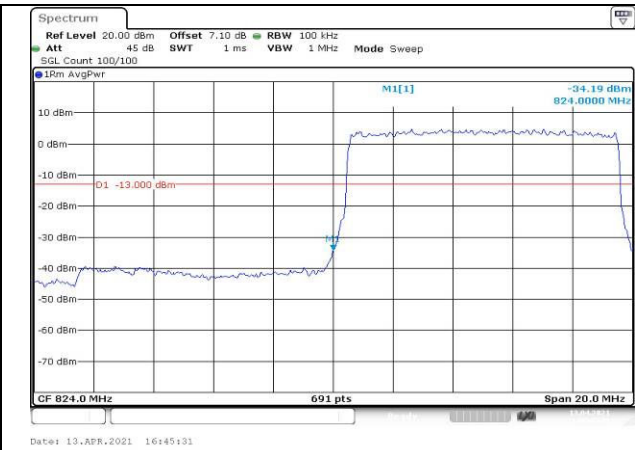


Fig.14

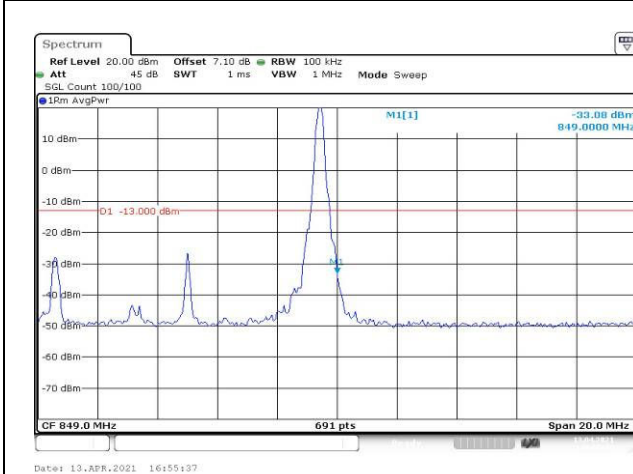


Fig.15

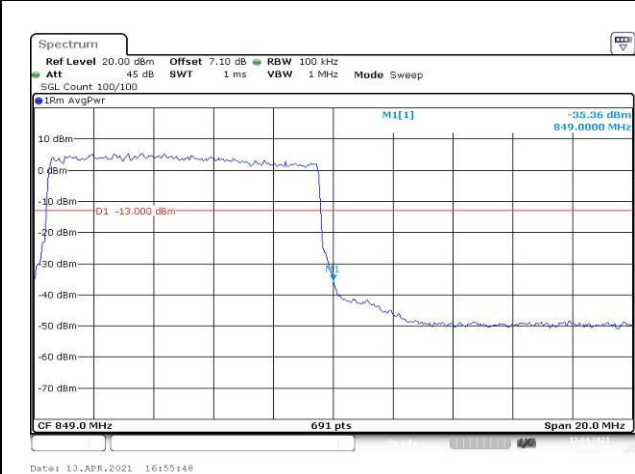


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	0.014	0.006	0.003	0.007	---	---
-30	NV	0.016	0.004	0.007	0.011	---	---
-20	NV	-0.022	0.004	0.003	0.009	---	---
-10	NV	0.021	0.008	-0.002	0.010	---	---
0	NV	-0.004	0.005	0.001	0.009	---	---
+10	NV	0.021	0.004	0.001	0.006	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	-0.024	-0.001	-0.002	0.006	---	---
+40	NV	0.002	0.007	0.003	0.004	---	---
+50	NV	-0.021	0.004	0.003	0.006	---	---
+55	NV	-0.016	0.008	0.006	0.009	---	---
+20	LV	-0.007	0.007	0.004	0.003	---	---
+20	HV	0.013	0.007	0.004	0.004	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-40	NV	-0.006	-0.016	0.011	0.003	---	---
-30	NV	-0.002	-0.010	0.009	0.000	---	---
-20	NV	0.005	-0.009	0.004	0.001	---	---
-10	NV	-0.008	-0.012	0.012	-0.001	---	---
0	NV	-0.012	-0.009	0.006	-0.001	---	---
+10	NV	-0.006	-0.003	0.005	-0.003	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	0.009	-0.011	0.002	-0.004	---	---
+40	NV	-0.010	-0.002	0.005	-0.007	---	---
+50	NV	-0.003	-0.011	0.004	-0.008	---	---
+55	NV	-0.007	-0.010	0.006	-0.003	---	---
+20	LV	-0.013	-0.010	0.002	0.001	---	---
+20	HV	-0.009	-0.007	0.001	0.004	---	---

8 Effective Radiated Power and Effective Isotropic Radiated Power

Effective Radiated Power and Effective Isotropic Radiated Power									
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	824.7	20407	1.4	1	0	23.21	22.56	0.180	
				1	3	23.21	22.56	0.180	
				1	5	23.31	22.66	0.185	
				3	0	23.32	22.67	0.185	
				3	1	23.43	22.78	0.190	
				3	3	23.45	22.80	0.191	
	836.5	20525		6	0	22.51	21.86	0.153	
				1	0	23.93	23.28	0.213	
				1	3	23.98	23.33	0.215	
				1	5	23.94	23.29	0.213	
				3	0	23.97	23.32	0.215	
				3	1	23.97	23.32	0.215	
	848.3	20643		3	3	23.95	23.30	0.214	
				6	0	22.91	22.26	0.168	
				1	0	23.82	23.17	0.207	
				1	3	23.47	22.82	0.191	
				1	5	23.45	22.80	0.191	
				3	0	23.86	23.21	0.209	
	16QAM	824.7		20407	3	1	23.82	23.17	0.207
					3	3	23.85	23.20	0.209
					6	0	22.87	22.22	0.167
					1	0	22.62	21.97	0.157
					1	3	22.71	22.06	0.161
					1	5	22.71	22.06	0.161
836.5		20525		3	0	22.67	22.02	0.159	
				3	1	22.71	22.06	0.161	
				3	3	22.68	22.03	0.160	
				6	0	21.50	20.85	0.122	
				1	0	23.04	22.39	0.173	
				1	3	23.06	22.41	0.174	
848.3		20643		1	5	23.08	22.43	0.175	
				3	0	23.18	22.53	0.179	
				3	1	23.25	22.60	0.182	
				3	3	23.25	22.60	0.182	
				6	0	22.02	21.37	0.137	
				1	0	22.98	22.33	0.171	
848.3		20643		1	3	22.93	22.28	0.169	
				1	5	22.97	22.32	0.171	
				3	0	22.85	22.20	0.166	
				3	1	22.82	22.17	0.165	
				3	3	22.82	22.17	0.165	
				6	0	21.83	21.18	0.131	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	20407	1.4	1	0	21.56	20.91	0.123
				1	3	21.48	20.83	0.121
				1	5	21.47	20.82	0.121
				3	0	21.45	20.80	0.120
				3	1	21.53	20.88	0.122
				3	3	21.67	21.02	0.126
				6	0	21.62	20.97	0.125
	836.5	20525		1	0	21.95	21.30	0.135
				1	3	22.04	21.39	0.138
				1	5	21.99	21.34	0.136
				3	0	21.96	21.31	0.135
				3	1	21.96	21.31	0.135
				3	3	21.96	21.31	0.135
				6	0	22.00	21.35	0.136
	848.3	20643		1	0	21.84	21.19	0.132
				1	3	21.80	21.15	0.130
				1	5	21.85	21.20	0.132
				3	0	21.95	21.30	0.135
				3	1	21.83	21.18	0.131
				3	3	21.83	21.18	0.131
				6	0	21.91	21.26	0.134

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	23.82	23.17	0.207
				1	8	23.85	23.20	0.209
				1	14	23.90	23.25	0.211
				8	0	22.83	22.18	0.165
				8	4	22.95	22.30	0.170
				8	7	22.94	22.29	0.169
				15	0	22.86	22.21	0.166
	836.5	20525		1	0	24.12	23.47	0.222
				1	8	24.10	23.45	0.221
				1	14	24.06	23.41	0.219
				8	0	23.11	22.46	0.176
				8	4	23.06	22.41	0.174
				8	7	23.05	22.40	0.174
				15	0	23.03	22.38	0.173
	847.5	20635		1	0	23.92	23.27	0.212
				1	8	23.87	23.22	0.210
				1	14	23.72	23.07	0.203
				8	0	22.94	22.29	0.169
				8	4	22.89	22.24	0.167
				8	7	22.90	22.25	0.168
				15	0	22.90	22.25	0.168
16QAM	825.5	20415		1	0	23.46	22.81	0.191
				1	8	23.46	22.81	0.191
				1	14	23.46	22.81	0.191
				8	0	22.12	21.47	0.140
				8	4	22.15	21.50	0.141
				8	7	22.12	21.47	0.140
				15	0	21.97	21.32	0.136
	836.5	20525		1	0	23.24	22.59	0.182
				1	8	23.20	22.55	0.180
			1	14	23.22	22.57	0.181	
			8	0	22.08	21.43	0.139	
			8	4	22.04	21.39	0.138	
			8	7	22.04	21.39	0.138	
			15	0	22.01	21.36	0.137	
	847.5	20635	1	0	23.10	22.45	0.176	
			1	8	22.93	22.28	0.169	
			1	14	23.05	22.40	0.174	
			8	0	21.97	21.32	0.136	
			8	4	21.93	21.28	0.134	
			8	7	21.93	21.28	0.134	
			15	0	21.92	21.27	0.134	

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	20415	3	1	0	21.97	21.32	0.136
				1	8	21.97	21.32	0.136
				1	14	21.97	21.32	0.136
				8	0	21.95	21.30	0.135
				8	4	21.95	21.30	0.135
				8	7	21.95	21.30	0.135
				15	0	21.95	21.30	0.135
	836.5	20525		1	0	22.02	21.37	0.137
				1	8	22.02	21.37	0.137
				1	14	22.03	21.38	0.137
				8	0	22.03	21.38	0.137
				8	4	22.01	21.36	0.137
				8	7	22.01	21.36	0.137
				15	0	22.01	21.36	0.137
	847.5	20635		1	0	21.91	21.26	0.134
				1	8	21.91	21.26	0.134
				1	14	21.98	21.33	0.136
				8	0	21.90	21.25	0.133
				8	4	21.90	21.25	0.133
				8	7	21.91	21.26	0.134
				15	0	21.91	21.26	0.134

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	20425	5	1	0	23.84	23.19	0.208
				1	12	23.85	23.20	0.209
				1	24	23.85	23.20	0.209
				12	0	22.92	22.27	0.169
				12	7	22.98	22.33	0.171
				12	13	22.97	22.32	0.171
				25	0	22.97	22.32	0.171
	836.5	20525		1	0	24.13	23.48	0.223
				1	12	24.00	23.35	0.216
				1	24	24.00	23.35	0.216
				12	0	23.08	22.43	0.175
				12	7	22.99	22.34	0.171
				12	13	23.06	22.41	0.174
				25	0	23.07	22.42	0.175
	846.5	20625		1	0	23.90	23.25	0.211
				1	12	23.83	23.18	0.208
				1	24	23.84	23.19	0.208
				12	0	22.94	22.29	0.169
				12	7	22.83	22.18	0.165
				12	13	22.90	22.25	0.168
				25	0	22.90	22.25	0.168
16QAM	826.5	20425		1	0	22.88	22.23	0.167
				1	12	22.84	22.19	0.166
				1	24	22.82	22.17	0.165
				12	0	21.84	21.19	0.132
				12	7	21.90	21.25	0.133
				12	13	21.91	21.26	0.134
				25	0	22.04	21.39	0.138
	836.5	20525	1	0	23.37	22.72	0.187	
			1	12	23.28	22.63	0.183	
			1	24	23.30	22.65	0.184	
			12	0	22.11	21.46	0.140	
			12	7	22.12	21.47	0.140	
			12	13	22.12	21.47	0.140	
			25	0	22.05	21.40	0.138	
	846.5	20625	1	0	23.06	22.41	0.174	
			1	12	22.99	22.34	0.171	
			1	24	22.98	22.33	0.171	
			12	0	21.90	21.25	0.133	
			12	7	21.88	21.23	0.133	
			12	13	21.87	21.22	0.132	
			25	0	21.99	21.34	0.136	

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	20425	5	1	0	22.01	21.36	0.137
				1	12	22.04	21.39	0.138
				1	24	22.02	21.37	0.137
				12	0	22.01	21.36	0.137
				12	7	22.05	21.40	0.138
				12	13	22.02	21.37	0.137
				25	0	22.05	21.40	0.138
	836.5	20525		1	0	22.06	21.41	0.138
				1	12	22.06	21.41	0.138
				1	24	22.06	21.41	0.138
				12	0	22.06	21.41	0.138
				12	7	22.06	21.41	0.138
				12	13	22.06	21.41	0.138
				25	0	22.06	21.41	0.138
	846.5	20625		1	0	21.91	21.26	0.134
				1	12	21.92	21.27	0.134
				1	24	21.92	21.27	0.134
				12	0	21.93	21.28	0.134
				12	7	21.93	21.28	0.134
				12	13	21.94	21.29	0.135
				25	0	21.94	21.29	0.135

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	20450	10	1	0	23.84	23.19	0.208
				1	25	23.97	23.32	0.215
				1	49	23.99	23.34	0.216
				25	0	23.00	22.35	0.172
				25	12	22.99	22.34	0.171
				25	25	22.99	22.34	0.171
				50	0	22.95	22.30	0.170
	836.5	20525		1	0	24.00	23.35	0.216
				1	25	23.92	23.27	0.212
				1	49	23.89	23.24	0.211
				25	0	23.12	22.47	0.177
				25	12	22.97	22.32	0.171
				25	25	23.01	22.36	0.172
				50	0	23.01	22.36	0.172
	844	20600		1	0	24.02	23.37	0.217
				1	25	23.79	23.14	0.206
				1	49	23.87	23.22	0.210
				25	0	22.93	22.28	0.169
				25	12	22.94	22.29	0.169
				25	25	22.93	22.28	0.169
				50	0	22.96	22.31	0.170
16QAM	829	20450		1	0	23.49	22.84	0.192
				1	25	23.57	22.92	0.196
				1	49	23.57	22.92	0.196
				25	0	22.05	21.40	0.138
				25	12	22.04	21.39	0.138
				25	25	22.03	21.38	0.137
				50	0	21.98	21.33	0.136
	836.5	20525		1	0	23.15	22.50	0.178
				1	25	23.04	22.39	0.173
				1	49	23.10	22.45	0.176
				25	0	22.11	21.46	0.140
				25	12	21.98	21.33	0.136
				25	25	22.03	21.38	0.137
				50	0	22.05	21.40	0.138
	844	20600		1	0	23.07	22.42	0.175
				1	25	22.95	22.30	0.170
				1	49	22.96	22.31	0.170
				25	0	22.11	21.46	0.140
				25	12	22.05	21.40	0.138
				25	25	22.01	21.36	0.137
				50	0	22.05	21.40	0.138

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	20450	10	1	0	21.95	21.30	0.135
				1	25	21.98	21.33	0.136
				1	49	21.95	21.30	0.135
				25	0	21.93	21.28	0.134
				25	12	21.93	21.28	0.134
				25	25	22.00	21.35	0.136
				50	0	21.97	21.32	0.136
	836.5	20525		1	0	22.06	21.41	0.138
				1	25	22.06	21.41	0.138
				1	49	22.07	21.42	0.139
				25	0	22.07	21.42	0.139
				25	12	22.07	21.42	0.139
				25	25	22.07	21.42	0.139
				50	0	22.07	21.42	0.139
	844	20600		1	0	21.96	21.31	0.135
				1	25	22.00	21.35	0.136
				1	49	21.95	21.30	0.135
				25	0	21.95	21.30	0.135
				25	12	21.96	21.31	0.135
				25	25	21.99	21.34	0.136
				50	0	21.96	21.31	0.135