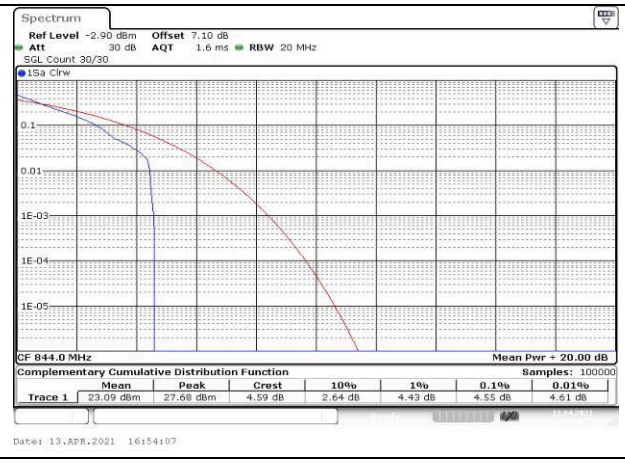

Fig.67

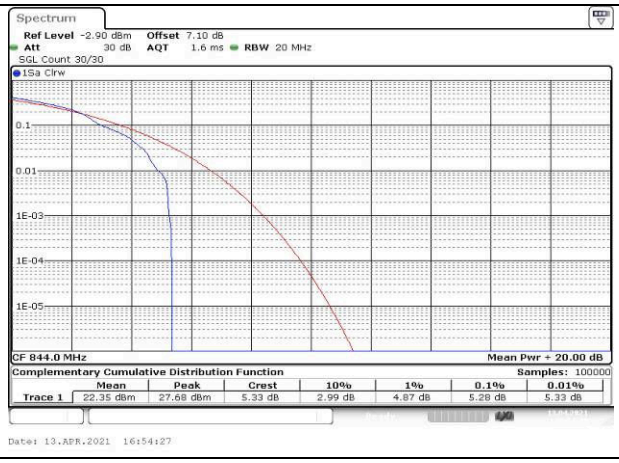

Fig.68

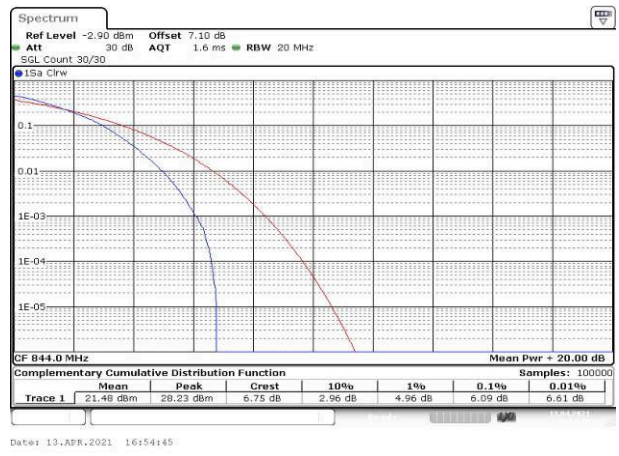

Fig.69

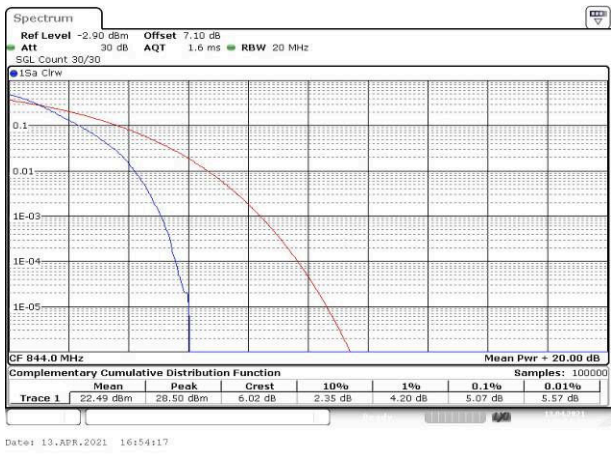

Fig.70

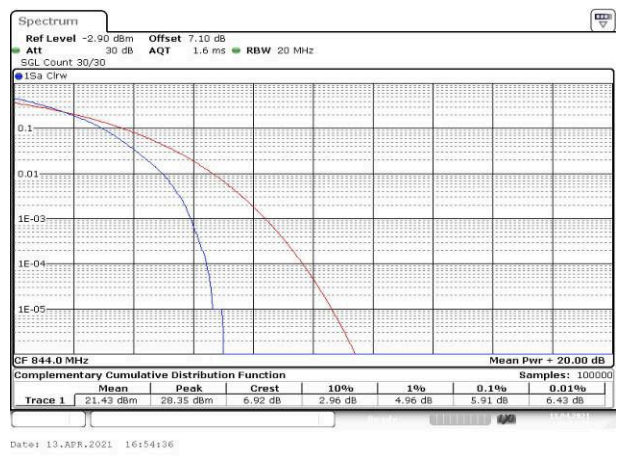

Fig.71

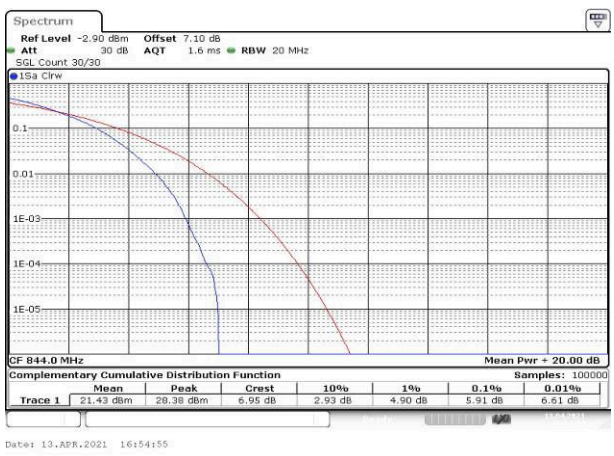

Fig.72

5 Spurious Emissions at antenna terminal

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

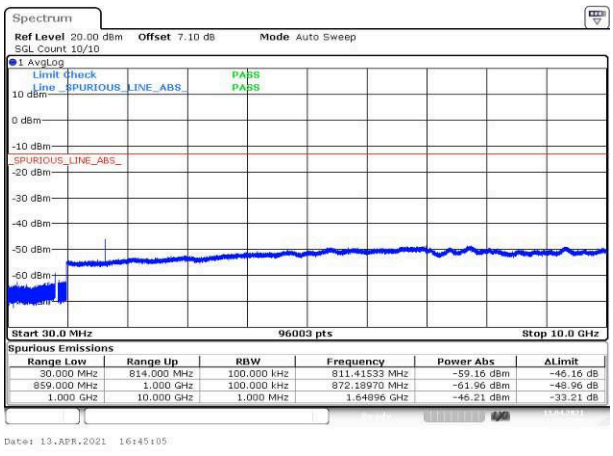

Fig.1

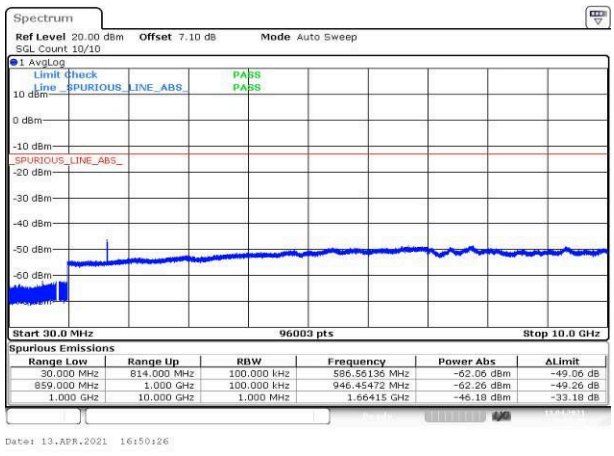

Fig.2

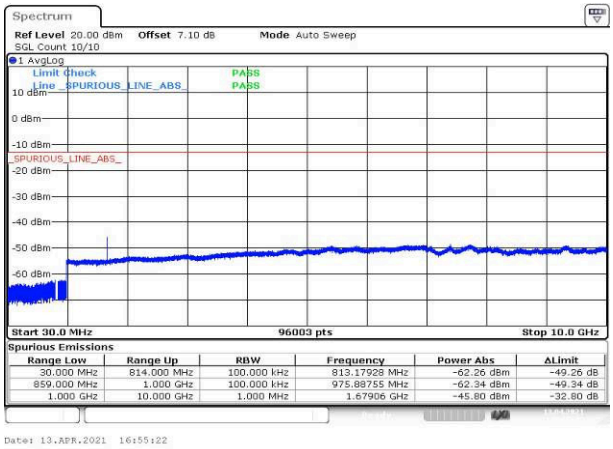

Fig.3

6 Band Edges Compliance

Band	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

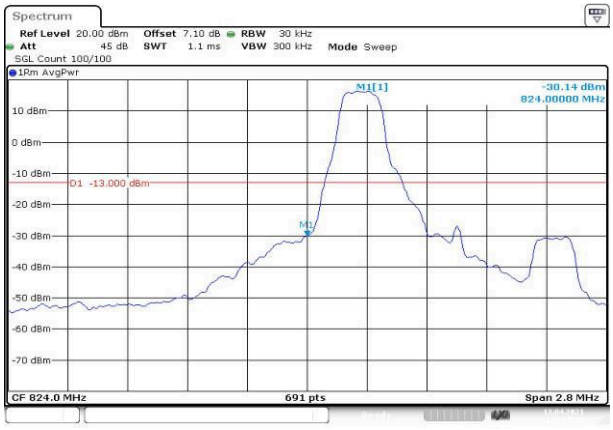

Fig.1

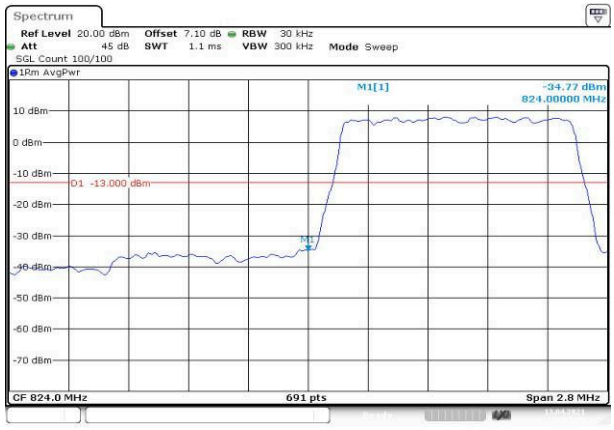

Fig.2

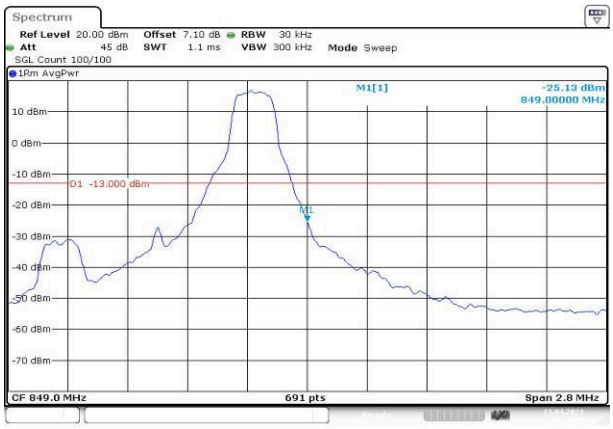

Fig.3

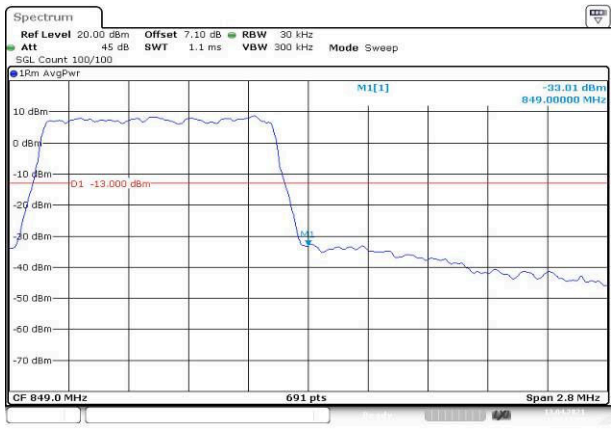

Fig.4

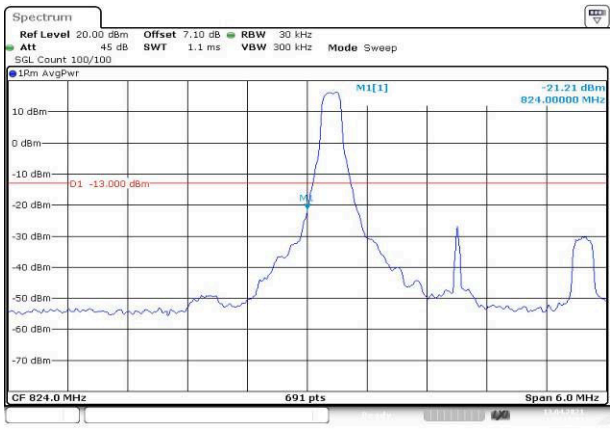

Fig.5

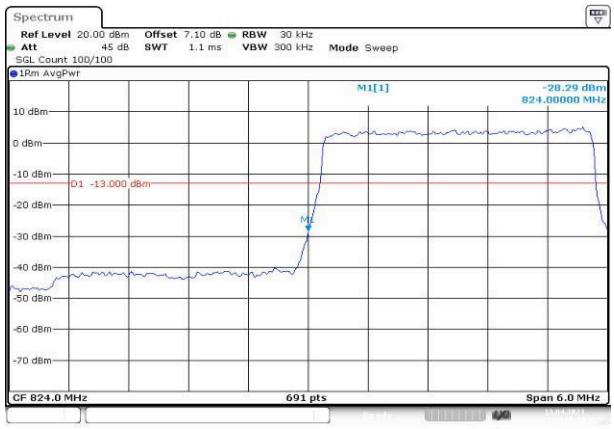

Fig.6

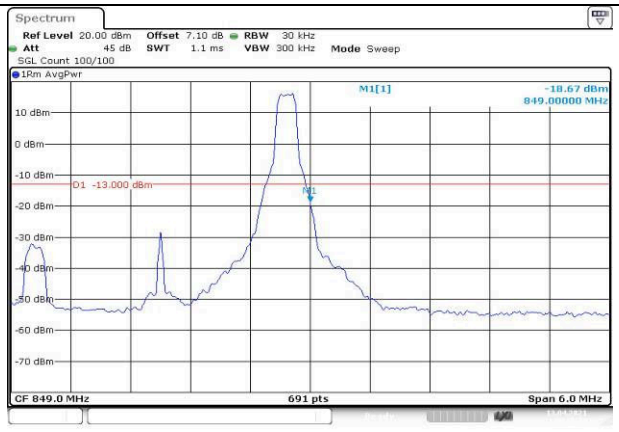

Fig.7

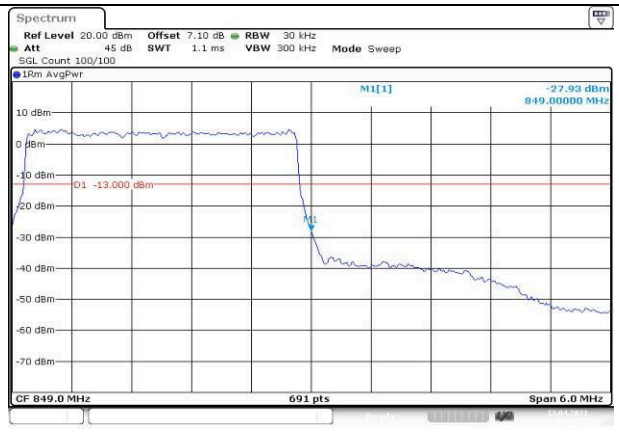

Fig.8

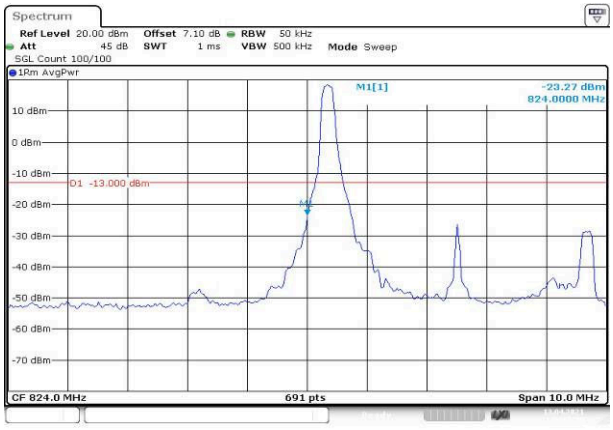

Fig.9

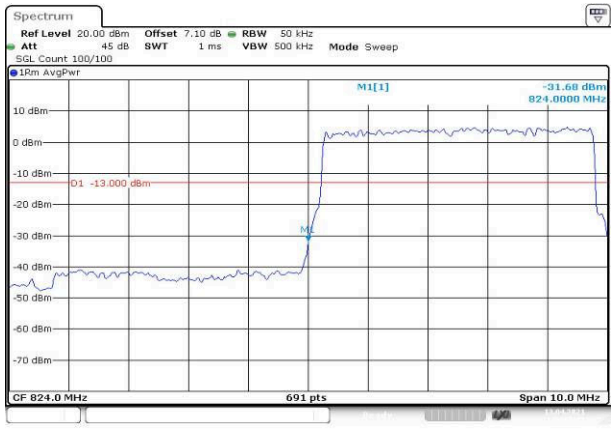

Fig.10

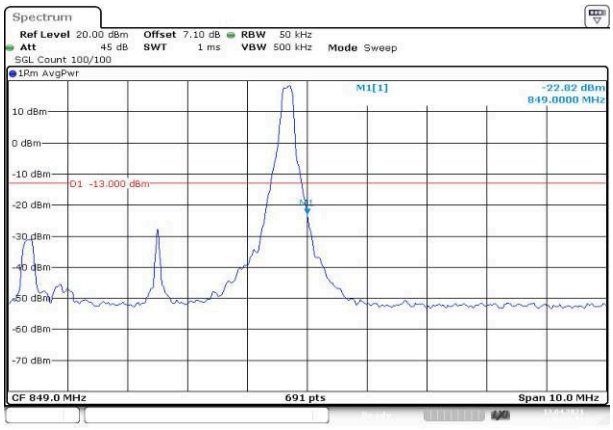

Fig.11

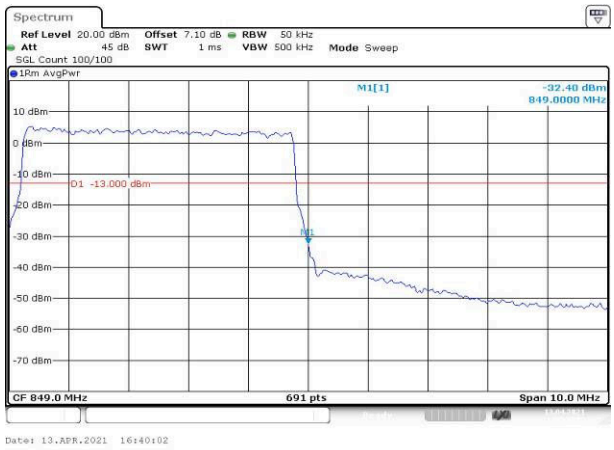

Fig.12

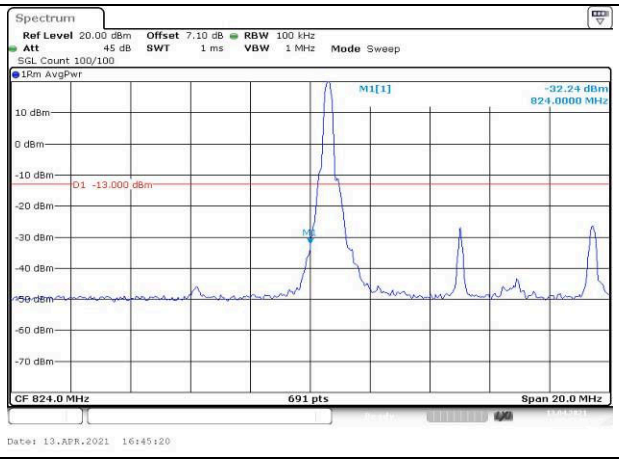

Fig.13

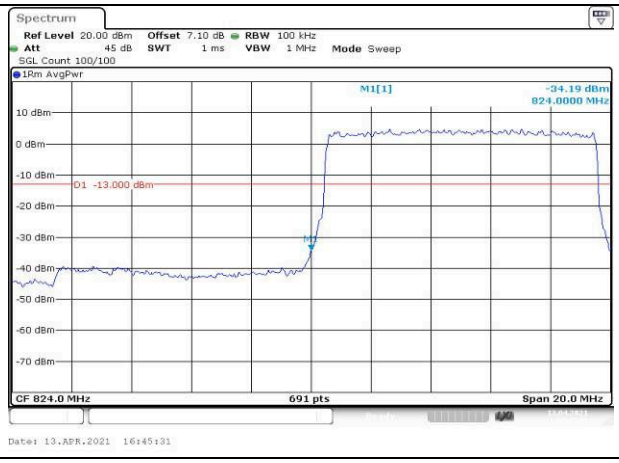

Fig.14

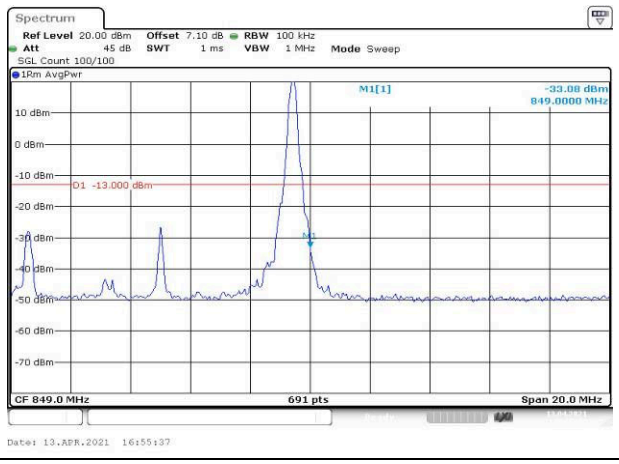

Fig.15

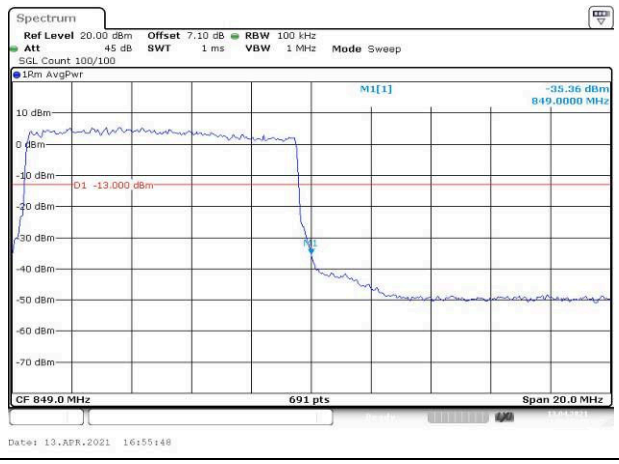

Fig.16

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

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted 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
				6	0	22.51	21.86	0.153
	836.5	20525		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
				3	3	23.95	23.30	0.214
				6	0	22.91	22.26	0.168
	848.3	20643		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
				3	1	23.82	23.17	0.207
				3	3	23.85	23.20	0.209
				6	0	22.87	22.22	0.167
16QAM	824.7	20407		1	0	22.62	21.97	0.157
				1	3	22.71	22.06	0.161
				1	5	22.71	22.06	0.161
				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
	836.5	20525		1	0	23.04	22.39	0.173
				1	3	23.06	22.41	0.174
				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
	848.3	20643		1	0	22.98	22.33	0.171
				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 frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted 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	Conducted 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 frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted 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	Conducted 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 frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted 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	Conducted 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	Conducted 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