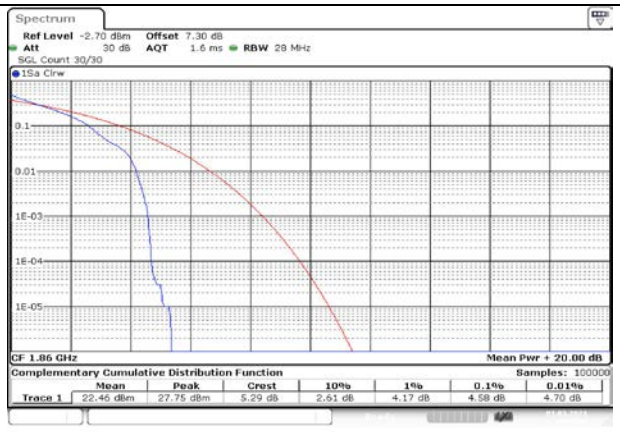

Fig.91

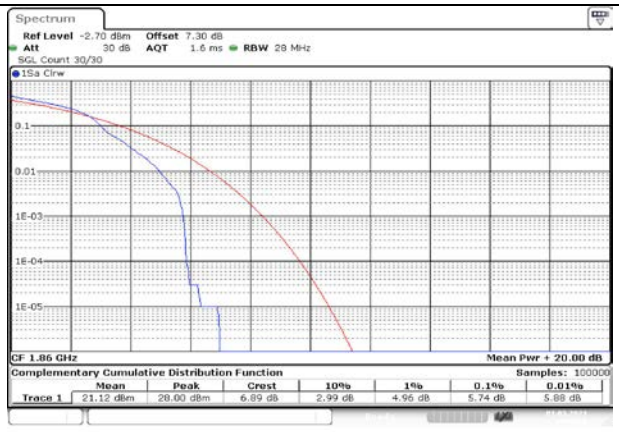

Fig.92

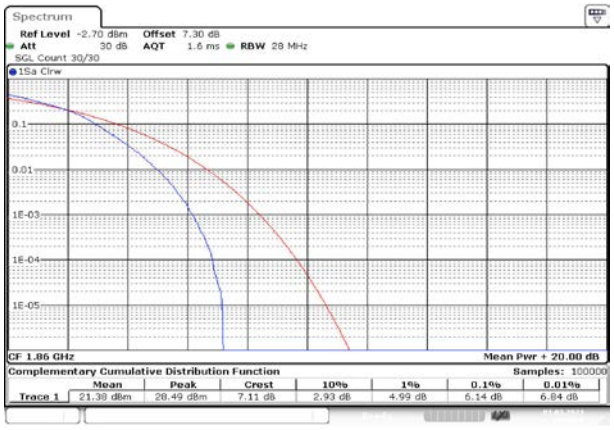

Fig.93

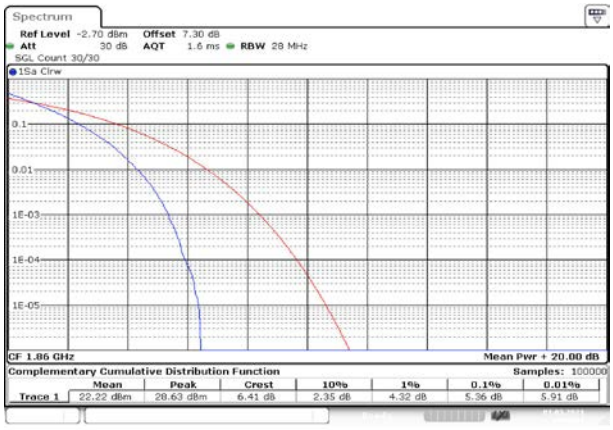

Fig.94

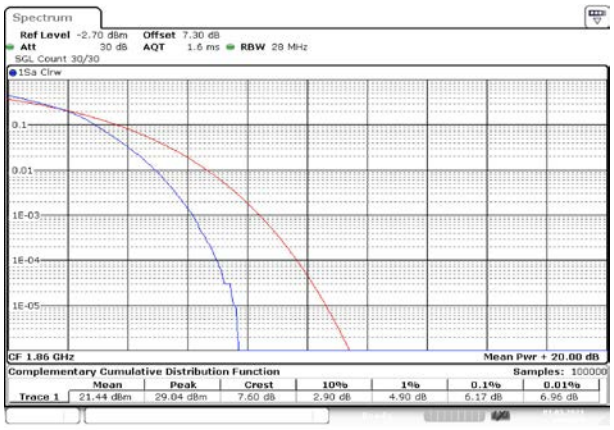

Fig.95

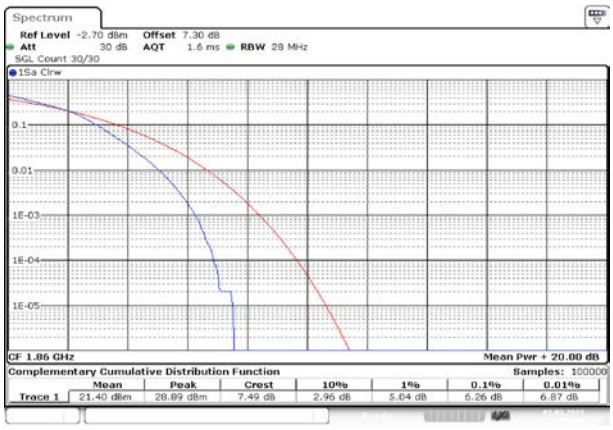

Fig.96

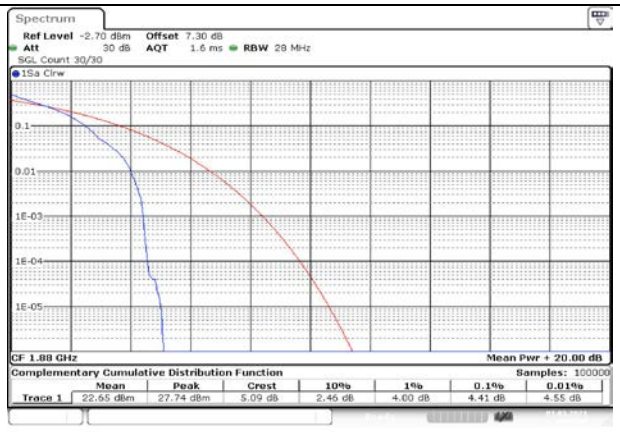

Fig.97

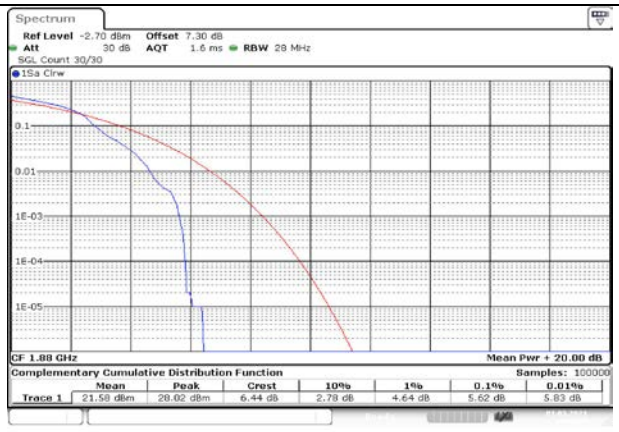

Fig.98

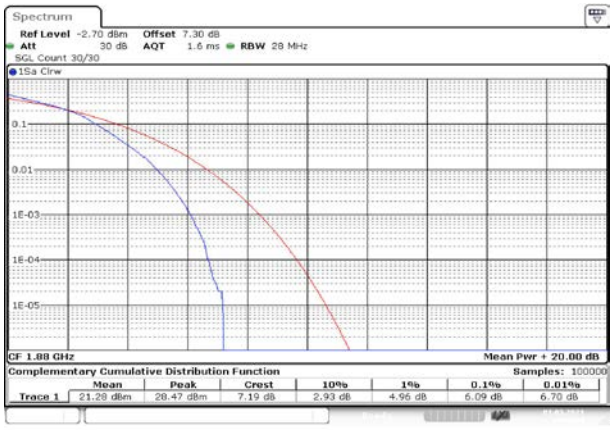

Fig.99

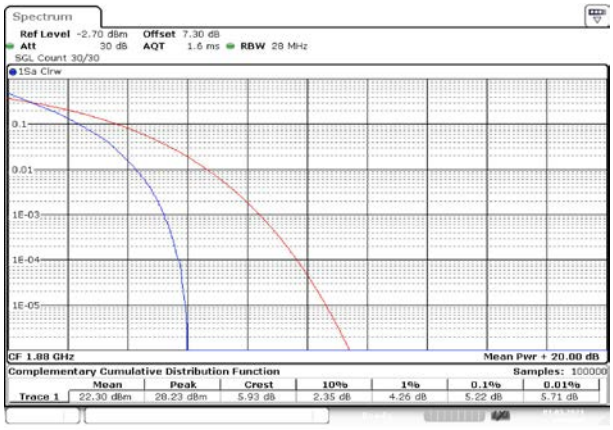

Fig.100

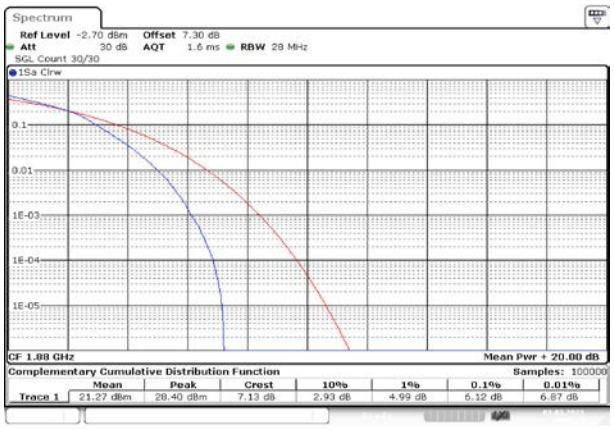

Fig.101

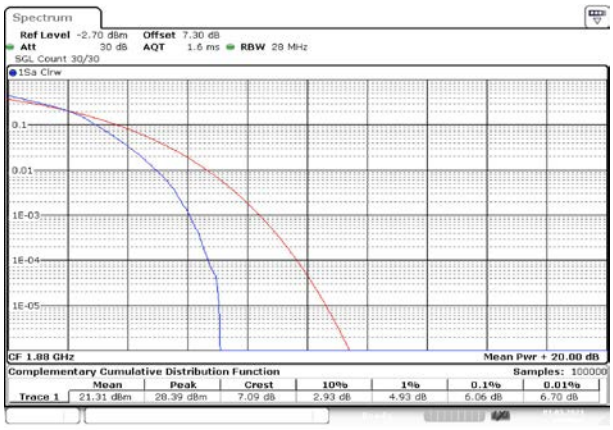

Fig.102

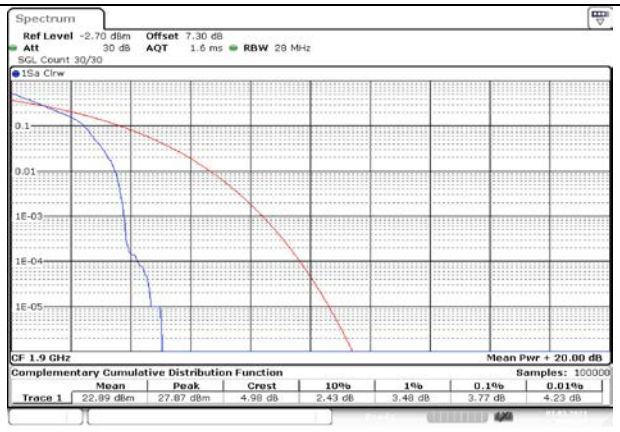

Fig.103

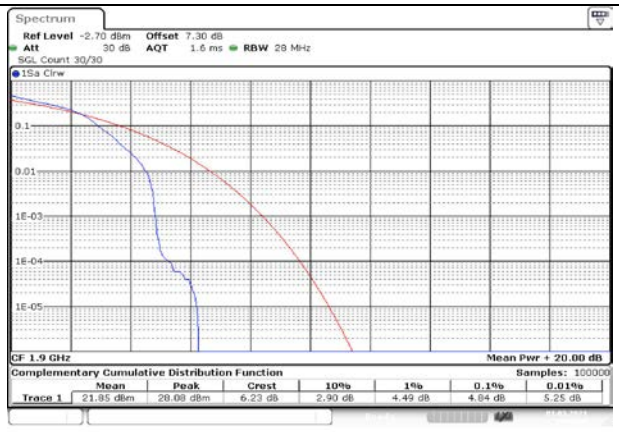

Fig.104

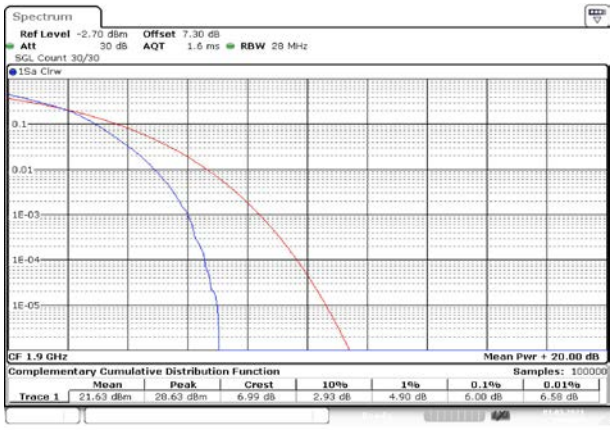

Fig.105

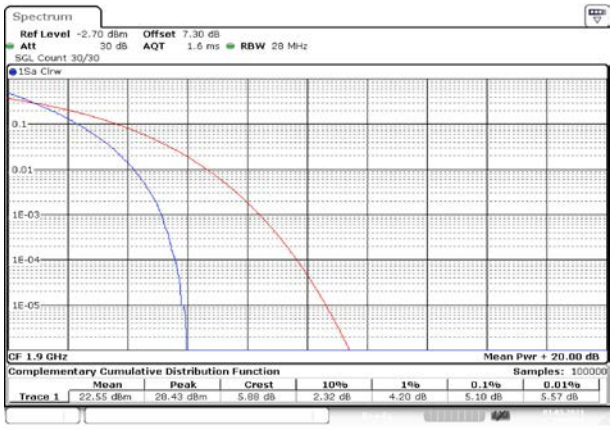

Fig.106

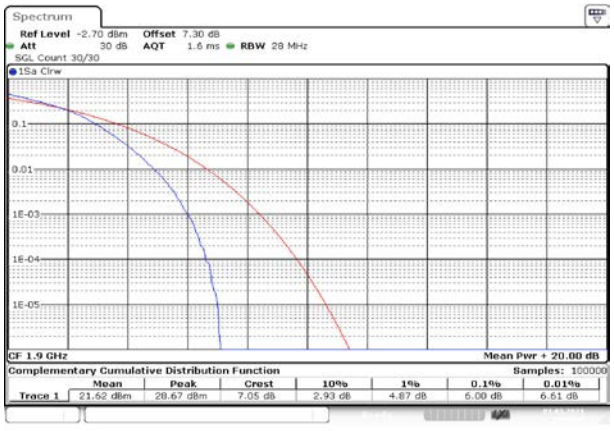

Fig.107

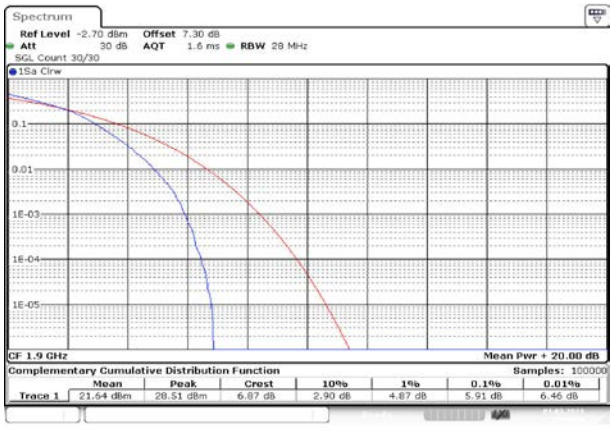

Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
2	1860	18700	20	1	0	Fig.1
	1880	18900		1	0	Fig.2
	1900	19100		1	0	Fig.3

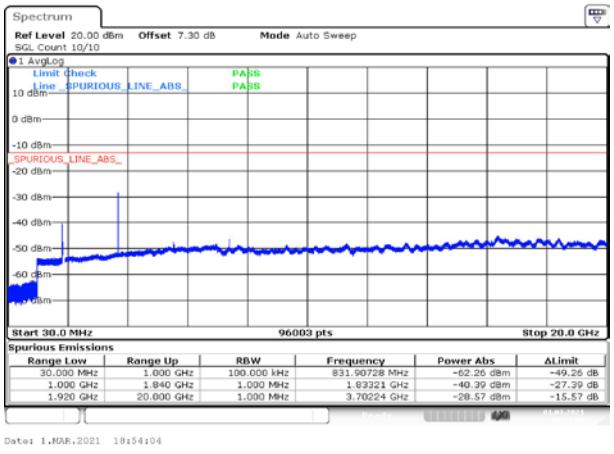

Fig.1

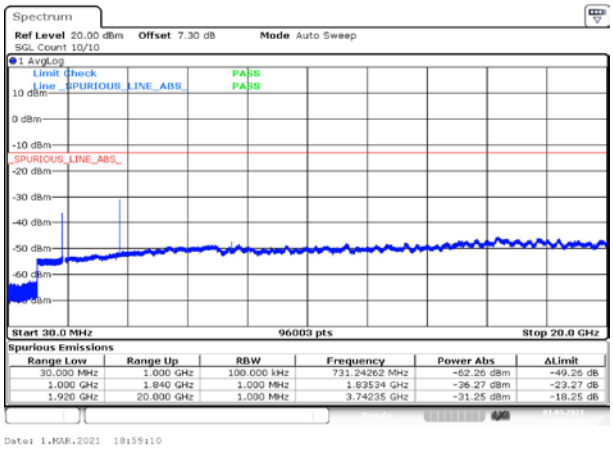

Fig.2

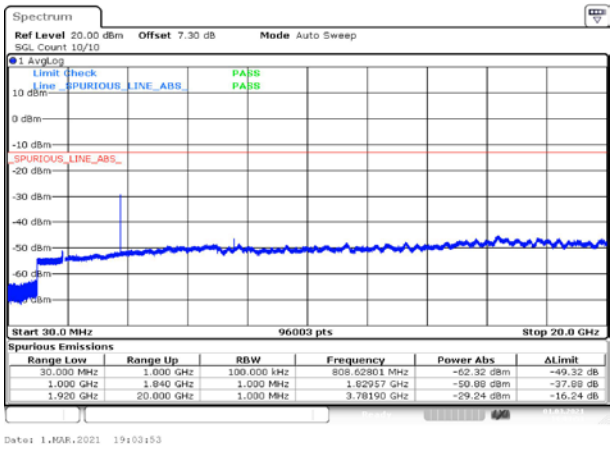

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
2	1850.7	18607	1.4	1	0	Fig.1
				6	0	Fig.2
	1909.3	19193		1	5	Fig.3
				6	0	Fig.4
	1851.5	18615	3	1	0	Fig.5
				15	0	Fig.6
	1908.5	19185		1	14	Fig.7
				15	0	Fig.8
	1852.5	18625	5	1	0	Fig.9
				25	0	Fig.10
	1907.5	19175		1	24	Fig.11
				25	0	Fig.12
	1855	18650	10	1	0	Fig.13
				50	0	Fig.14
	1905	19150		1	49	Fig.15
				50	0	Fig.16
	1857.5	18675	15	1	0	Fig.17
				75	0	Fig.18
	1902.5	19125		1	74	Fig.19
				75	0	Fig.20
	1860	18700	20	1	0	Fig.21
				100	0	Fig.22
	1900	19100		1	99	Fig.23
				100	0	Fig.24

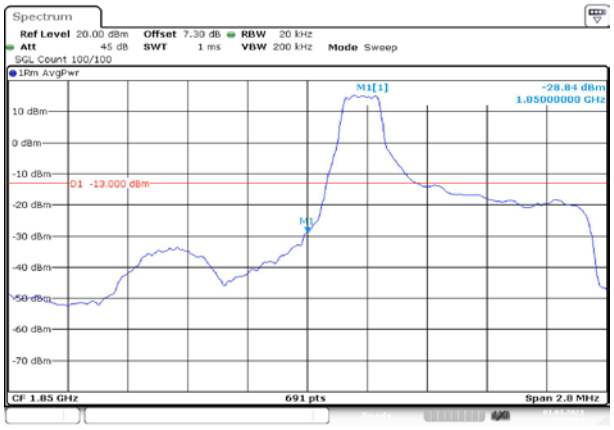

Fig.1

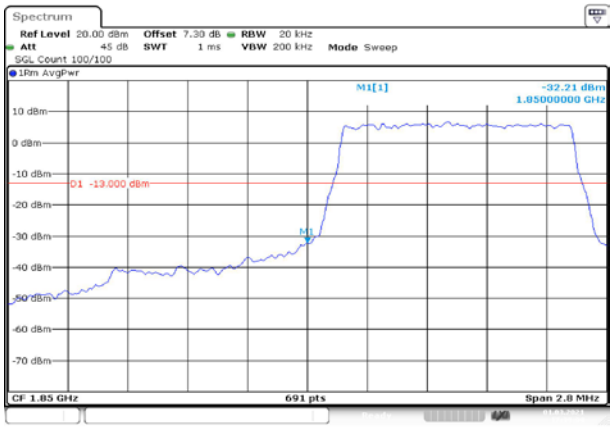

Fig.2

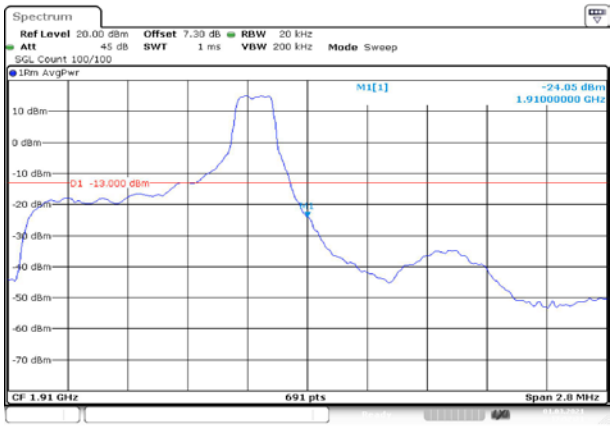

Fig.3

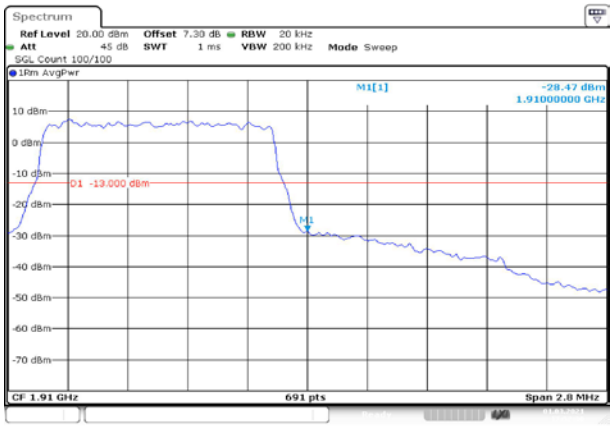

Fig.4

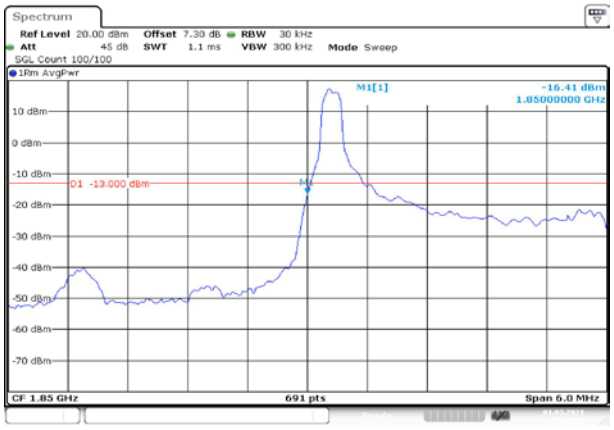

Fig.5

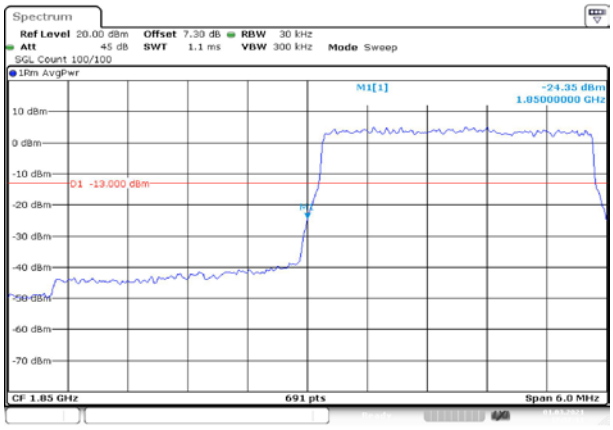

Fig.6

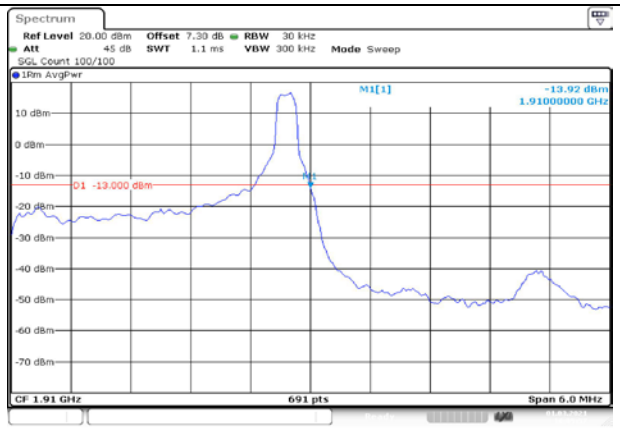

Fig.7

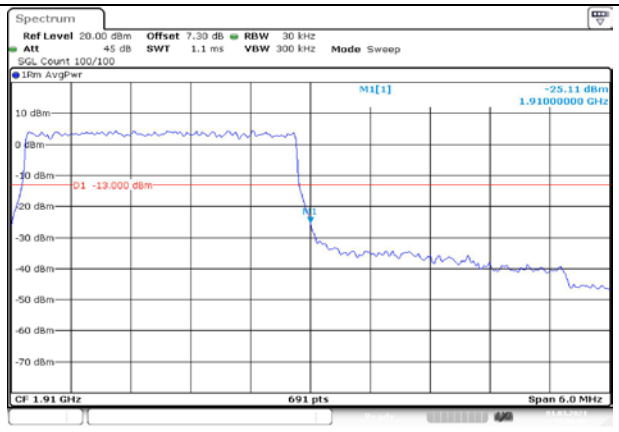

Fig.8

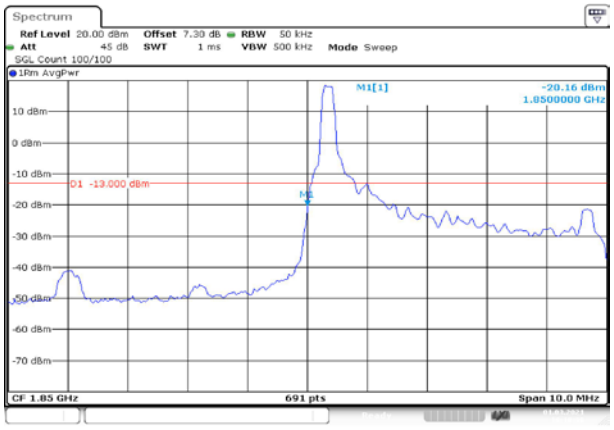

Fig.9

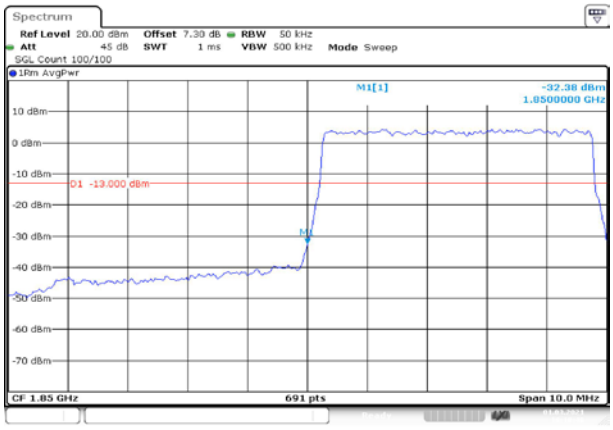

Fig.10

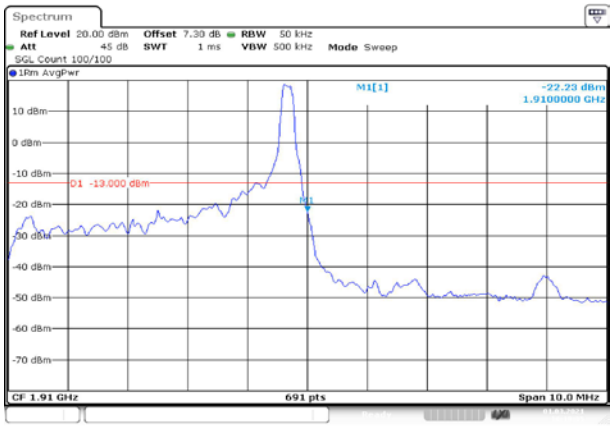

Fig.11

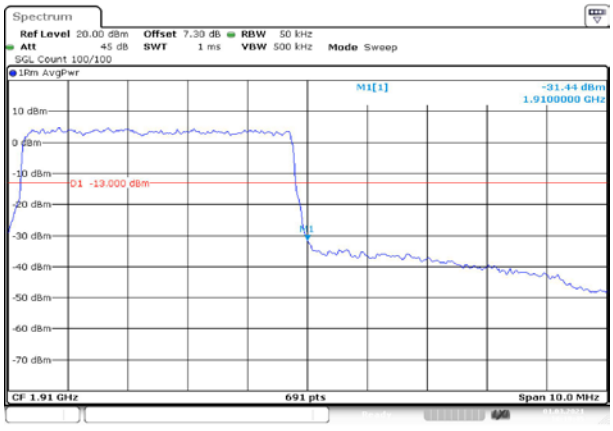

Fig.12

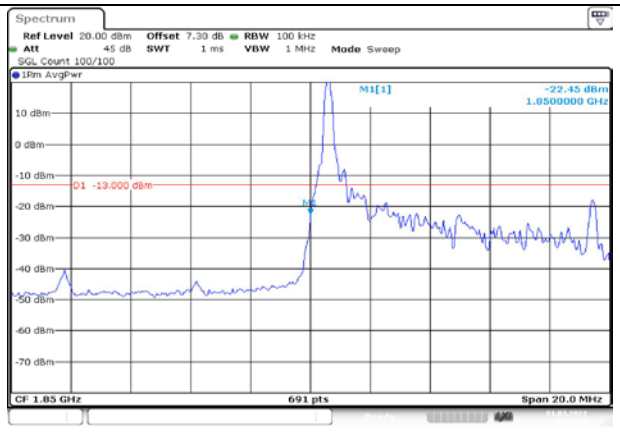

Fig.13

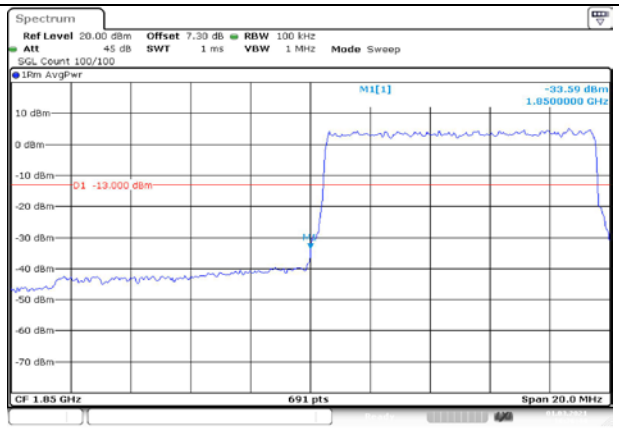

Fig.14

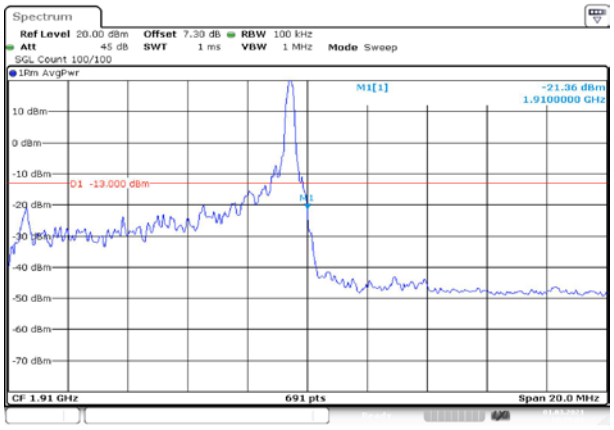

Fig.15

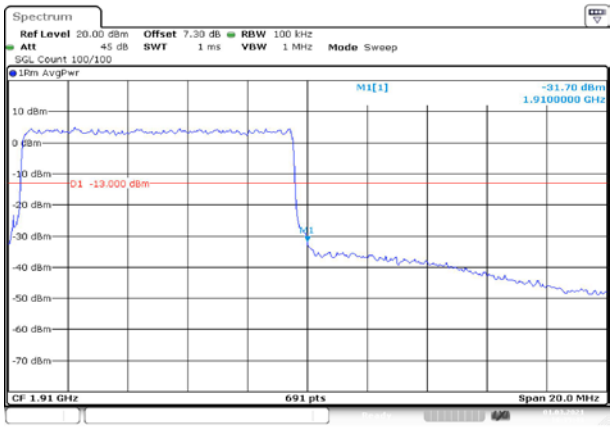

Fig.16

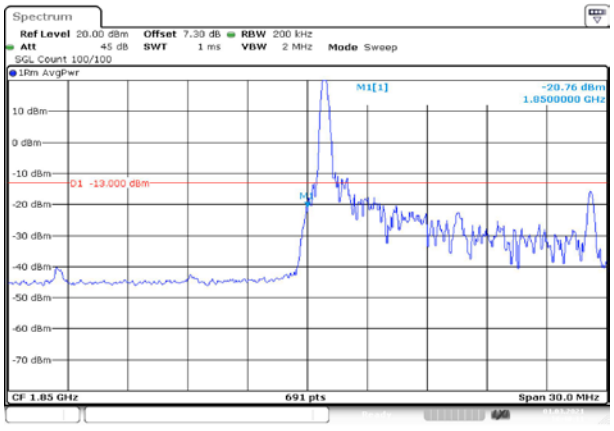

Fig.17

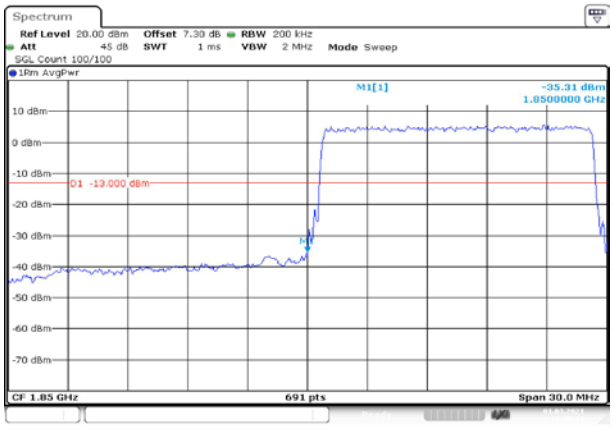

Fig.18

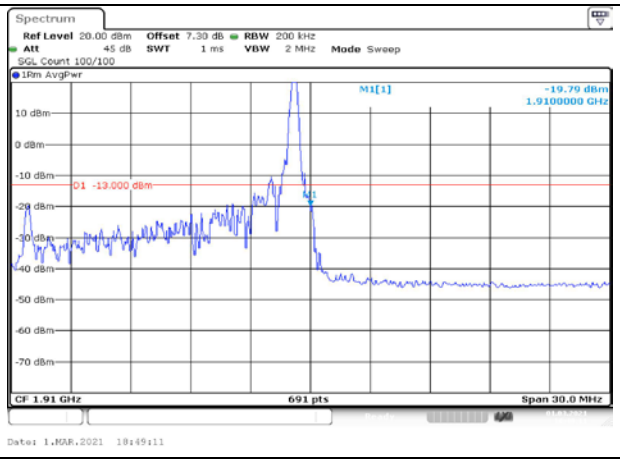

Fig.19

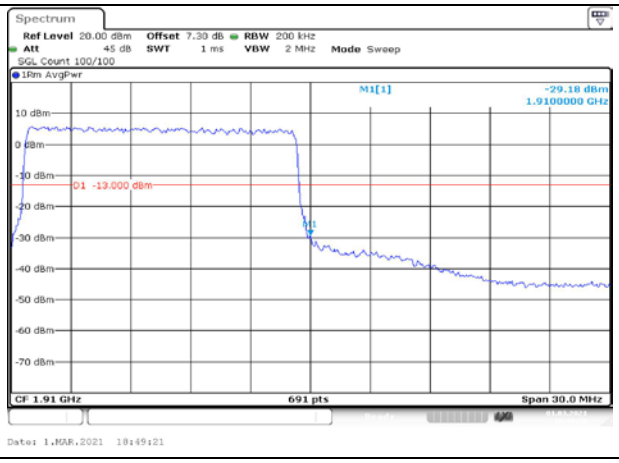

Fig.20

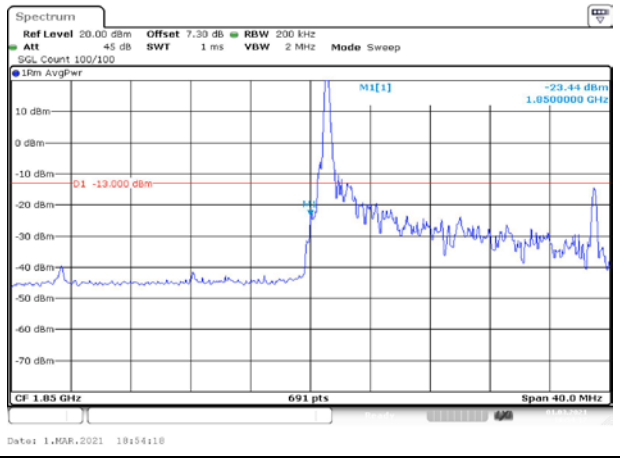

Fig.21

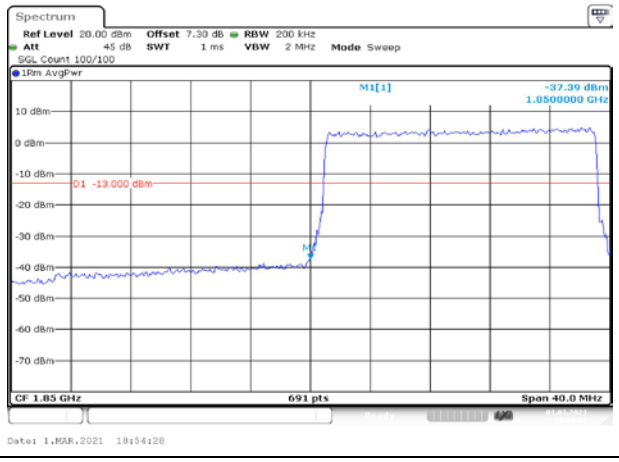

Fig.22

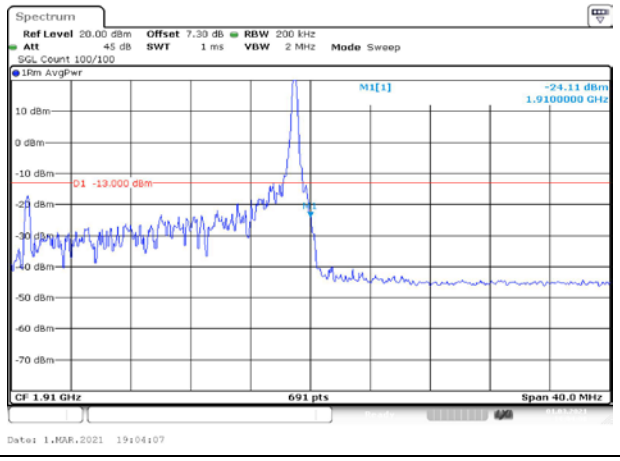

Fig.23

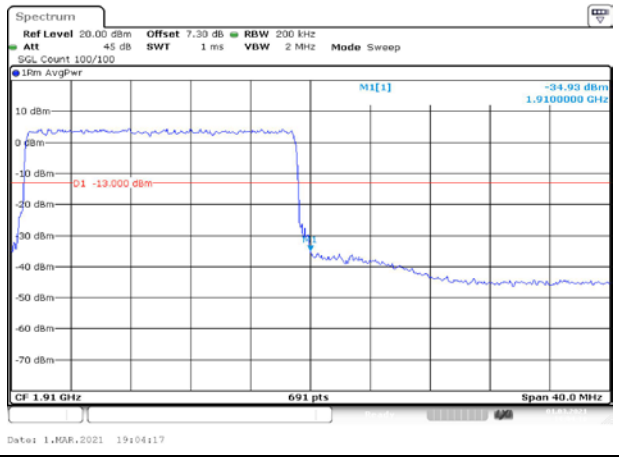

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.008	0.003	0.004	-0.009	0.005	-0.007
0	NV	-0.005	-0.011	0.008	0.011	-0.011	0.003
+10	NV	-0.011	-0.003	-0.005	-0.011	0.008	0.012
+20	NV	0.011	0.014	-0.015	-0.009	0.000	0.014
+30	NV	0.001	0.002	0.008	0.008	-0.007	0.014
+40	NV	0.000	0.009	0.005	0.003	0.008	0.007
+50	NV	-0.008	0.002	0.020	-0.007	-0.002	-0.001
+20	LV	0.017	0.021	0.009	0.013	0.003	0.020
+20	HV	0.009	0.014	-0.002	0.015	0.012	0.014

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.000	-0.017	-0.020	-0.022	-0.011	-0.019
0	NV	0.017	-0.017	-0.001	-0.019	-0.018	-0.014
+10	NV	0.008	-0.010	-0.023	-0.018	-0.010	-0.020
+20	NV	-0.012	-0.013	-0.011	0.003	-0.003	-0.022
+30	NV	0.013	-0.019	-0.023	-0.018	-0.015	0.008
+40	NV	0.006	-0.005	0.000	-0.019	-0.019	-0.017
+50	NV	0.005	-0.015	-0.003	-0.021	0.007	-0.017
+20	LV	-0.019	-0.008	-0.011	-0.023	-0.017	-0.024
+20	HV	0.002	-0.017	-0.001	-0.016	-0.016	-0.015

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	1850.7	18607	1.4	1	0	24.15	23.15	0.207
				1	3	24.12	23.12	0.205
				1	5	24.22	23.22	0.210
				3	0	24.15	23.15	0.207
				3	1	24.13	23.13	0.206
				3	3	24.11	23.11	0.205
				6	0	23.01	22.01	0.159
16QAM				1	0	23.36	22.36	0.172
				1	3	23.37	22.37	0.173
				1	5	23.36	22.36	0.172
				3	0	23.05	22.05	0.160
				3	1	23.05	22.05	0.160
				3	3	23.05	22.05	0.160
				6	0	22.16	21.16	0.131
	1880	18900		1	0	23.37	22.37	0.173
				1	3	23.38	22.38	0.173
				1	5	23.47	22.47	0.177
				3	0	22.82	21.82	0.152
				3	1	22.86	21.86	0.153
				3	3	22.86	21.86	0.153
				6	0	22.13	21.13	0.130
	1909.3	19193		1	0	23.76	22.76	0.189
				1	3	23.75	22.75	0.188
				1	5	23.81	22.81	0.191
				3	0	22.90	21.90	0.155
				3	1	22.86	21.86	0.153
				3	3	22.94	21.94	0.156
				6	0	22.10	21.10	0.129

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1850.7	18607	1.4	1	0	22.16	21.16	0.131
				1	3	22.14	21.14	0.130
				1	5	22.14	21.14	0.130
				3	0	22.14	21.14	0.130
				3	1	22.14	21.14	0.130
				3	3	22.13	21.13	0.130
				6	0	22.13	21.13	0.130
	1880	18900		1	0	22.12	21.12	0.129
				1	3	22.12	21.12	0.129
				1	5	22.13	21.13	0.130
				3	0	22.12	21.12	0.129
				3	1	22.00	21.00	0.126
				3	3	21.99	20.99	0.126
				6	0	21.98	20.98	0.125
	1909.3	19193		1	0	22.10	21.10	0.129
				1	3	22.09	21.09	0.129
				1	5	22.09	21.09	0.129
				3	0	22.08	21.08	0.128
				3	1	22.07	21.07	0.128
				3	3	22.14	21.14	0.130
				6	0	22.06	21.06	0.128

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	24.01	23.01	0.200
				1	8	23.84	22.84	0.192
				1	14	23.90	22.90	0.195
				8	0	23.14	22.14	0.164
				8	4	22.91	21.91	0.155
				8	7	22.91	21.91	0.155
				15	0	23.04	22.04	0.160
	1880	18900		1	0	23.92	22.92	0.196
				1	8	24.00	23.00	0.200
				1	14	23.93	22.93	0.196
				8	0	22.93	21.93	0.156
				8	4	22.90	21.90	0.155
				8	7	22.90	21.90	0.155
				15	0	22.81	21.81	0.152
	1908.5	19185		1	0	24.08	23.08	0.203
				1	8	24.01	23.01	0.200
				1	14	24.00	23.00	0.200
				8	0	22.97	21.97	0.157
				8	4	22.97	21.97	0.157
				8	7	22.97	21.97	0.157
				15	0	23.07	22.07	0.161
16QAM	1851.5	18615		1	0	23.29	22.29	0.169
				1	8	23.18	22.18	0.165
				1	14	23.18	22.18	0.165
				8	0	22.43	21.43	0.139
				8	4	22.31	21.31	0.135
				8	7	22.31	21.31	0.135
				15	0	22.21	21.21	0.132
	1880	18900		1	0	23.00	22.00	0.158
				1	8	23.15	22.15	0.164
				1	14	23.15	22.15	0.164
				8	0	21.99	20.99	0.126
				8	4	21.96	20.96	0.125
				8	7	22.01	21.01	0.126
				15	0	21.94	20.94	0.124
	1908.5	19185		1	0	22.66	21.66	0.147
				1	8	22.61	21.61	0.145
				1	14	22.62	21.62	0.145
				8	0	22.17	21.17	0.131
				8	4	22.21	21.21	0.132
				8	7	22.20	21.20	0.132
				15	0	22.14	21.14	0.130

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1851.5	18615	3	1	0	22.21	21.21	0.132
				1	8	22.21	21.21	0.132
				1	14	22.20	21.20	0.132
				8	0	22.21	21.21	0.132
				8	4	22.20	21.20	0.132
				8	7	22.20	21.20	0.132
				15	0	22.19	21.19	0.132
	1880	18900		1	0	21.95	20.95	0.124
				1	8	21.93	20.93	0.124
				1	14	21.94	20.94	0.124
				8	0	21.93	20.93	0.124
				8	4	21.94	20.94	0.124
				8	7	21.93	20.93	0.124
				15	0	21.87	20.87	0.122
	1908.5	19185		1	0	22.14	21.14	0.130
				1	8	22.14	21.14	0.130
				1	14	22.14	21.14	0.130
				8	0	22.14	21.14	0.130
				8	4	22.03	21.03	0.127
				8	7	22.04	21.04	0.127
				15	0	22.04	21.04	0.127

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	23.94	22.94	0.197
				1	12	23.92	22.92	0.196
				1	24	23.90	22.90	0.195
				12	0	23.08	22.08	0.161
				12	7	22.94	21.94	0.156
				12	13	22.94	21.94	0.156
				25	0	22.90	21.90	0.155
	1880	18900		1	0	23.83	22.83	0.192
				1	12	24.05	23.05	0.202
				1	24	24.06	23.06	0.202
				12	0	22.92	21.92	0.156
				12	7	22.84	21.84	0.153
				12	13	22.84	21.84	0.153
				25	0	22.90	21.90	0.155
	1907.5	19175		1	0	23.89	22.89	0.195
				1	12	23.91	22.91	0.195
				1	24	23.89	22.89	0.195
				12	0	23.10	22.10	0.162
				12	7	23.03	22.03	0.160
				12	13	23.03	22.03	0.160
				25	0	22.97	21.97	0.157
16QAM	1852.5	18625		1	0	22.40	21.40	0.138
				1	12	22.17	21.17	0.131
				1	24	22.17	21.17	0.131
				12	0	22.18	21.18	0.131
				12	7	21.96	20.96	0.125
				12	13	22.10	21.10	0.129
				25	0	22.11	21.11	0.129
	1880	18900		1	0	22.90	21.90	0.155
				1	12	23.16	22.16	0.164
				1	24	23.17	22.17	0.165
				12	0	21.93	20.93	0.124
				12	7	21.98	20.98	0.125
				12	13	22.04	21.04	0.127
				25	0	22.00	21.00	0.126
	1907.5	19175		1	0	22.97	21.97	0.157
				1	12	22.97	21.97	0.157
				1	24	23.09	22.09	0.162
				12	0	22.08	21.08	0.128
				12	7	22.07	21.07	0.128
				12	13	22.07	21.07	0.128
				25	0	22.15	21.15	0.130

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1852.5	18625	5	1	0	22.21	21.21	0.132
				1	12	22.21	21.21	0.132
				1	24	22.22	21.22	0.132
				12	0	22.23	21.23	0.133
				12	7	22.12	21.12	0.129
				12	13	22.21	21.21	0.132
				25	0	22.13	21.13	0.130
	1880	18900		1	0	22.00	21.00	0.126
				1	12	22.00	21.00	0.126
				1	24	22.00	21.00	0.126
				12	0	22.00	21.00	0.126
				12	7	22.00	21.00	0.126
				12	13	22.00	21.00	0.126
				25	0	22.00	21.00	0.126
	1907.5	19175		1	0	22.16	21.16	0.131
				1	12	22.16	21.16	0.131
				1	24	22.16	21.16	0.131
				12	0	22.16	21.16	0.131
				12	7	22.05	21.05	0.127
				12	13	22.05	21.05	0.127
				25	0	22.05	21.05	0.127

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1880	18900	10	1	0	23.63	22.63	0.183
				1	25	23.91	22.91	0.195
				1	49	23.90	22.90	0.195
				25	0	22.80	21.80	0.151
				25	12	23.03	22.03	0.160
				25	25	23.03	22.03	0.160
				50	0	22.85	21.85	0.153
	1905	19150		1	0	24.04	23.04	0.201
				1	25	24.02	23.02	0.200
				1	49	24.11	23.11	0.205
				25	0	22.99	21.99	0.158
				25	12	23.04	22.04	0.160
				25	25	23.10	22.10	0.162
				50	0	23.06	22.06	0.161
16QAM	1855	18650		1	0	22.66	21.66	0.147
				1	25	22.42	21.42	0.139
				1	49	22.38	21.38	0.137
				25	0	22.15	21.15	0.130
				25	12	22.15	21.15	0.130
				25	25	22.14	21.14	0.130
				50	0	22.13	21.13	0.130
	1880	18900		1	0	22.96	21.96	0.157
				1	25	23.24	22.24	0.167
				1	49	23.40	22.40	0.174
				25	0	21.88	20.88	0.122
				25	12	22.08	21.08	0.128
				25	25	22.08	21.08	0.128
				50	0	21.98	20.98	0.125
	1905	19150		1	0	23.73	22.73	0.187
				1	25	23.73	22.73	0.187
				1	49	23.72	22.72	0.187
				25	0	22.16	21.16	0.131
				25	12	22.16	21.16	0.131
				25	25	22.17	21.17	0.131
				50	0	22.11	21.11	0.129

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1855	18650	10	1	0	22.11	21.11	0.129
				1	25	22.10	21.10	0.129
				1	49	22.10	21.10	0.129
				25	0	22.09	21.09	0.129
				25	12	22.09	21.09	0.129
				25	25	22.08	21.08	0.128
				50	0	22.07	21.07	0.128
	1880	18900		1	0	21.98	20.98	0.125
				1	25	21.98	20.98	0.125
				1	49	21.98	20.98	0.125
				25	0	21.98	20.98	0.125
				25	12	21.99	20.99	0.126
				25	25	21.99	20.99	0.126
				50	0	21.98	20.98	0.125
	1905	19150		1	0	22.12	21.12	0.129
				1	25	22.11	21.11	0.129
				1	49	22.11	21.11	0.129
				25	0	22.12	21.12	0.129
				25	12	22.12	21.12	0.129
				25	25	22.12	21.12	0.129
				50	0	22.12	21.12	0.129

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1880	18900	15	1	0	23.65	22.65	0.184
				1	37	23.83	22.83	0.192
				1	74	23.82	22.82	0.191
				36	0	22.79	21.79	0.151
				36	29	22.93	21.93	0.156
				36	30	22.93	21.93	0.156
				75	0	22.92	21.92	0.156
	1902.5	19125		1	0	24.03	23.03	0.201
				1	37	24.01	23.01	0.200
				1	74	23.98	22.98	0.199
				36	0	23.03	22.03	0.160
				36	29	23.04	22.04	0.160
				36	30	23.04	22.04	0.160
				75	0	22.90	21.90	0.155
16QAM	1857.5	18675		1	0	23.41	22.41	0.174
				1	37	23.32	22.32	0.171
				1	74	23.29	22.29	0.169
				36	0	22.15	21.15	0.130
				36	29	21.93	20.93	0.124
				36	30	22.04	21.04	0.127
				75	0	22.04	21.04	0.127
	1880	18900		1	0	22.90	21.90	0.155
				1	37	23.16	22.16	0.164
				1	74	23.10	22.10	0.162
				36	0	22.00	21.00	0.126
				36	29	22.01	21.01	0.126
				36	30	22.01	21.01	0.126
				75	0	21.99	20.99	0.126
	1902.5	19125		1	0	23.74	22.74	0.188
				1	37	23.73	22.73	0.187
				1	74	23.21	22.21	0.166
				36	0	22.11	21.11	0.129
				36	29	22.11	21.11	0.129
				36	30	22.12	21.12	0.129
				75	0	22.13	21.13	0.130

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1857.5	18675	15	1	0	22.03	21.03	0.127
				1	37	22.02	21.02	0.126
				1	74	22.01	21.01	0.126
				36	0	22.02	21.02	0.126
				36	29	22.01	21.01	0.126
				36	30	22.00	21.00	0.126
				75	0	22.01	21.01	0.126
	1880	18900		1	0	21.84	20.84	0.121
				1	37	21.91	20.91	0.123
				1	74	22.04	21.04	0.127
				36	0	21.91	20.91	0.123
				36	29	21.91	20.91	0.123
				36	30	21.95	20.95	0.124
				75	0	21.96	20.96	0.125
	1902.5	19125		1	0	22.13	21.13	0.130
				1	37	22.14	21.14	0.130
				1	74	22.14	21.14	0.130
				36	0	22.14	21.14	0.130
				36	29	22.14	21.14	0.130
				36	30	22.14	21.14	0.130
				75	0	22.14	21.14	0.130

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	24.23	23.23	0.210
				1	49	23.82	22.82	0.191
				1	99	23.81	22.81	0.191
				50	0	23.07	22.07	0.161
				50	24	22.72	21.72	0.149
				50	50	22.73	21.73	0.149
				100	0	22.92	21.92	0.156
	1880	18900		1	0	23.87	22.87	0.194
				1	49	24.17	23.17	0.207
				1	99	24.20	23.20	0.209
				50	0	22.70	21.70	0.148
				50	24	22.95	21.95	0.157
				50	50	22.95	21.95	0.157
				100	0	22.87	21.87	0.154
	1900	19100		1	0	24.07	23.07	0.203
				1	49	24.04	23.04	0.201
				1	99	24.01	23.01	0.200
				50	0	23.05	22.05	0.160
				50	24	22.92	21.92	0.156
				50	50	22.93	21.93	0.156
				100	0	22.98	21.98	0.158
16QAM	1860	18700		1	0	23.27	22.27	0.169
				1	49	22.91	21.91	0.155
				1	99	22.91	21.91	0.155
				50	0	22.15	21.15	0.130
				50	24	21.86	20.86	0.122
				50	50	21.94	20.94	0.124
				100	0	21.96	20.96	0.125
	1880	18900		1	0	22.75	21.75	0.150
				1	49	23.06	22.06	0.161
				1	99	23.06	22.06	0.161
				50	0	21.81	20.81	0.121
				50	24	22.14	21.14	0.130
				50	50	22.14	21.14	0.130
				100	0	21.87	20.87	0.122
	1900	19100		1	0	23.72	22.72	0.187
				1	49	23.74	22.74	0.188
				1	99	23.70	22.70	0.186
				50	0	22.14	21.14	0.130
				50	24	22.12	21.12	0.129
				50	50	22.13	21.13	0.130
				100	0	22.07	21.07	0.128

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1860	18700	20	1	0	21.96	20.96	0.125
				1	49	21.96	20.96	0.125
				1	99	21.95	20.95	0.124
				50	0	21.96	20.96	0.125
				50	24	21.96	20.96	0.125
				50	50	21.96	20.96	0.125
				100	0	21.96	20.96	0.125
	1880	18900		1	0	21.94	20.94	0.124
				1	49	21.87	20.87	0.122
				1	99	22.20	21.20	0.132
				50	0	21.87	20.87	0.122
				50	24	21.88	20.88	0.122
				50	50	21.98	20.98	0.125
				100	0	21.88	20.88	0.122
	1900	19100		1	0	22.08	21.08	0.128
				1	49	22.08	21.08	0.128
				1	99	22.08	21.08	0.128
				50	0	22.08	21.08	0.128
				50	24	22.09	21.09	0.129
				50	50	22.09	21.09	0.129
				100	0	22.08	21.08	0.128