

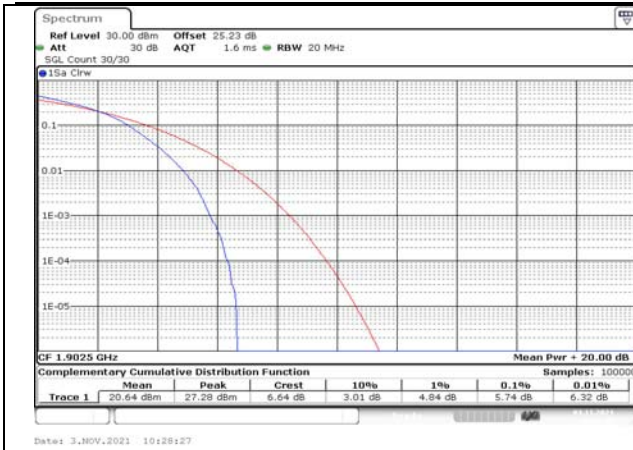


Fig.67

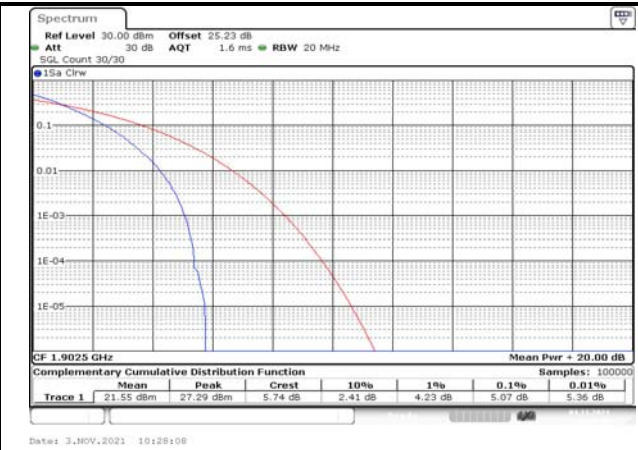


Fig.68

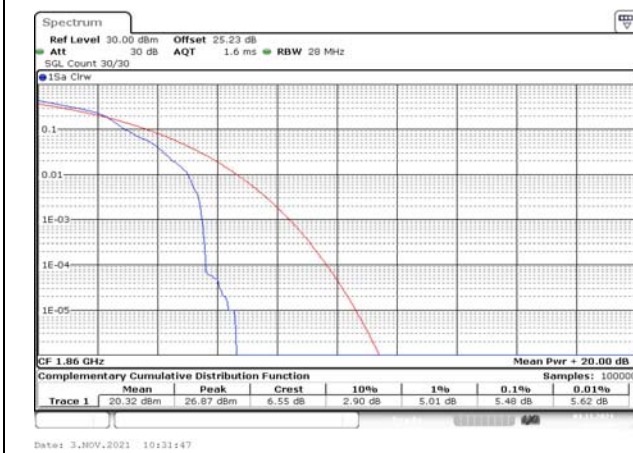


Fig.69

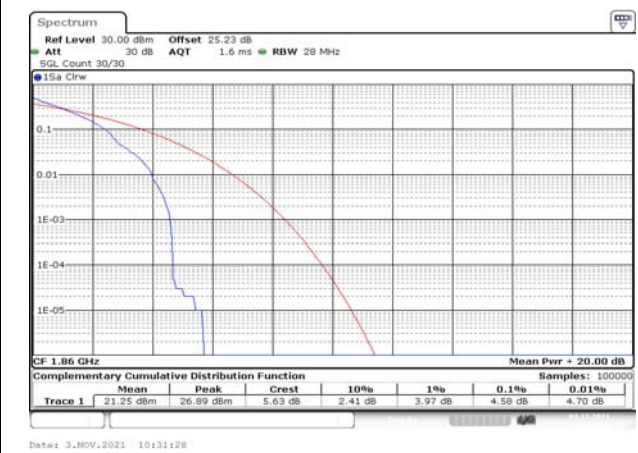


Fig.70

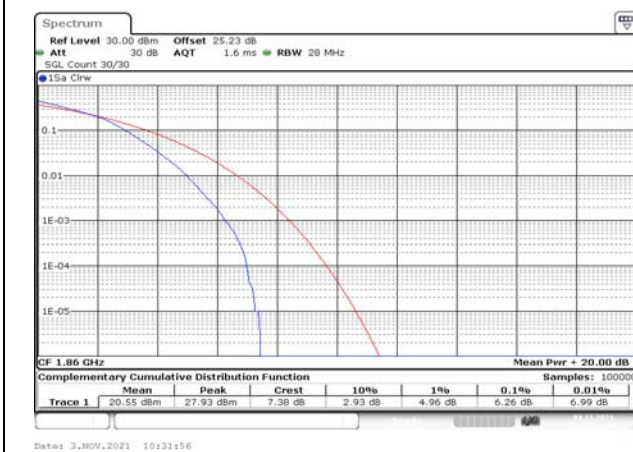


Fig.71

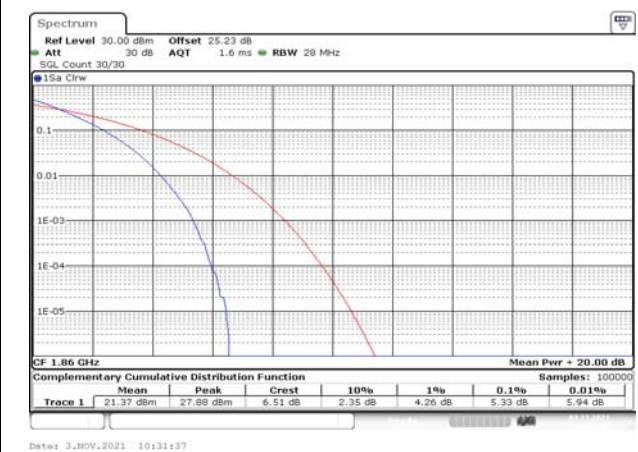


Fig.72

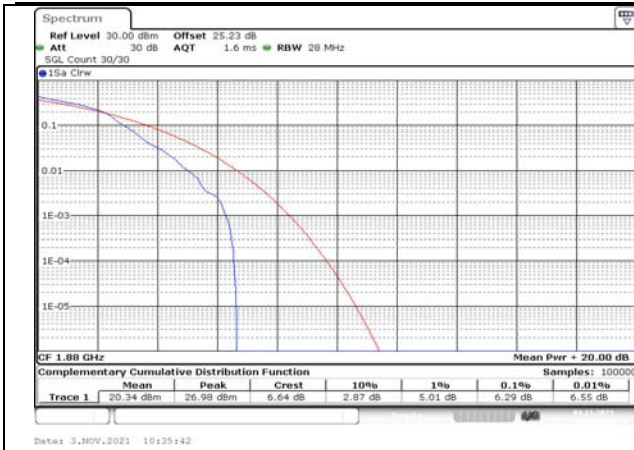


Fig.73

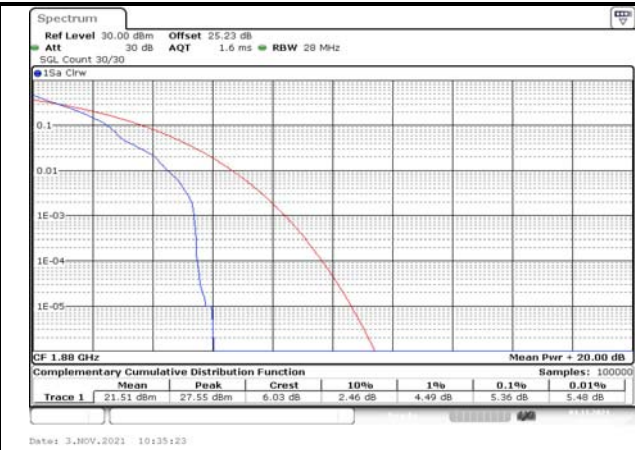


Fig.74

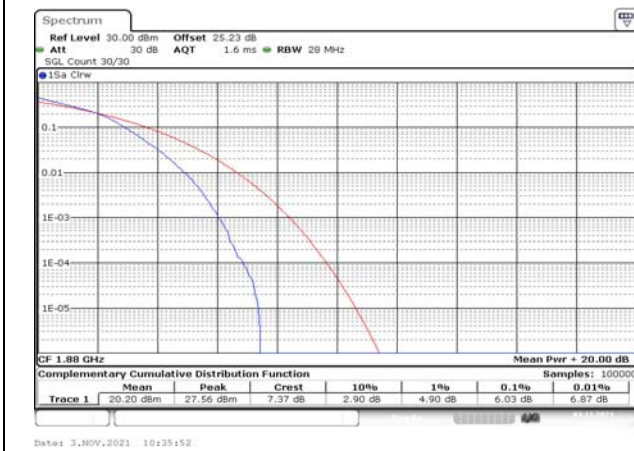


Fig.75

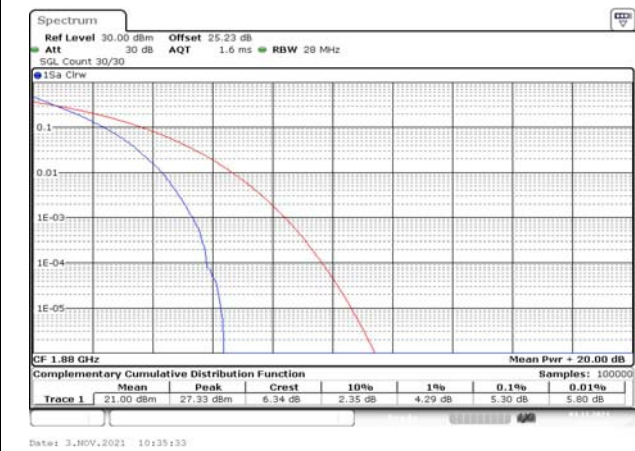


Fig.76

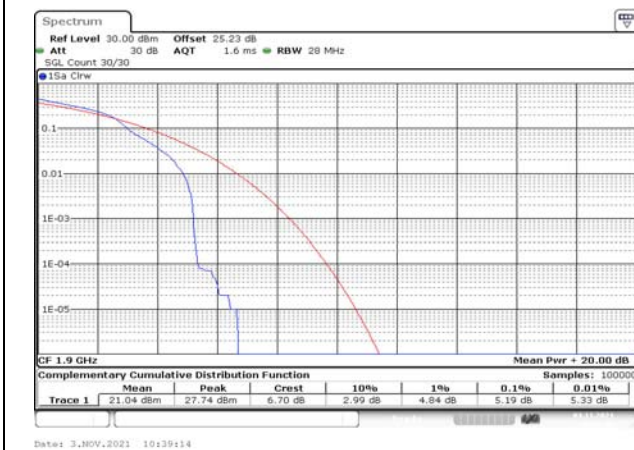


Fig.77

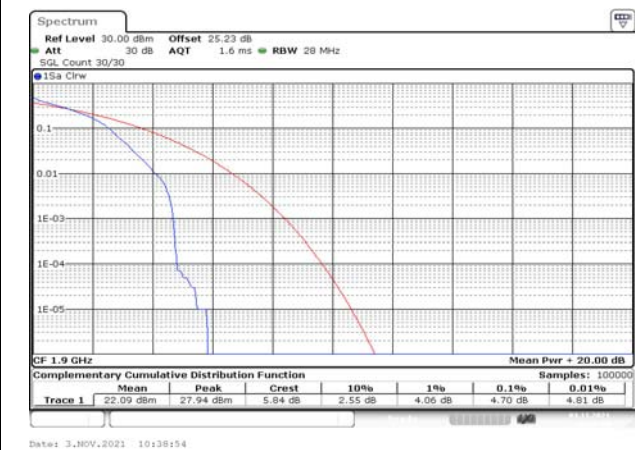


Fig.78

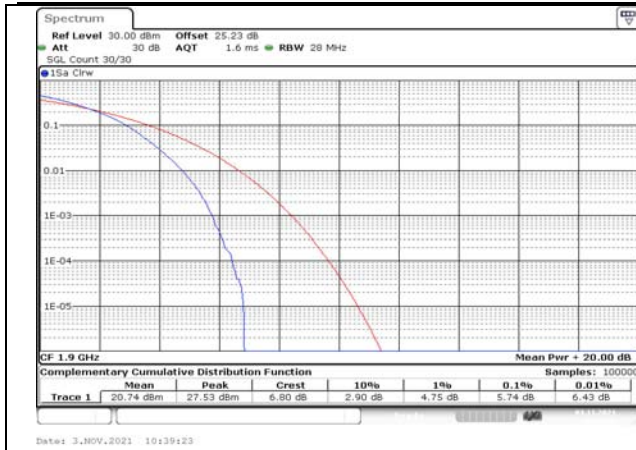


Fig.79

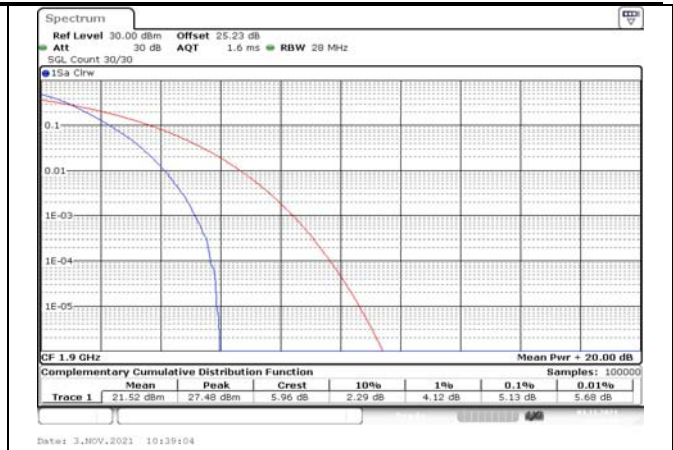


Fig.80

7 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
2	1880	18900	20	1	0	Fig.2
2	1900	19100	20	1	0	Fig.3

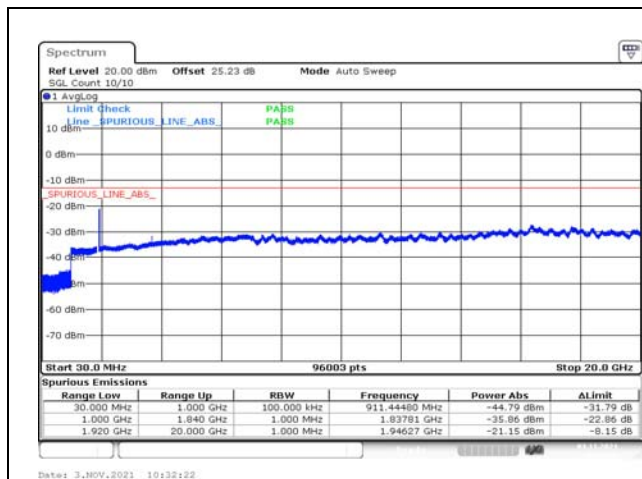


Fig.1

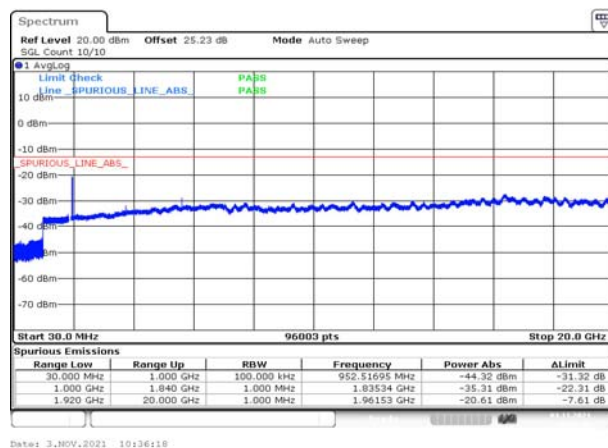


Fig.2

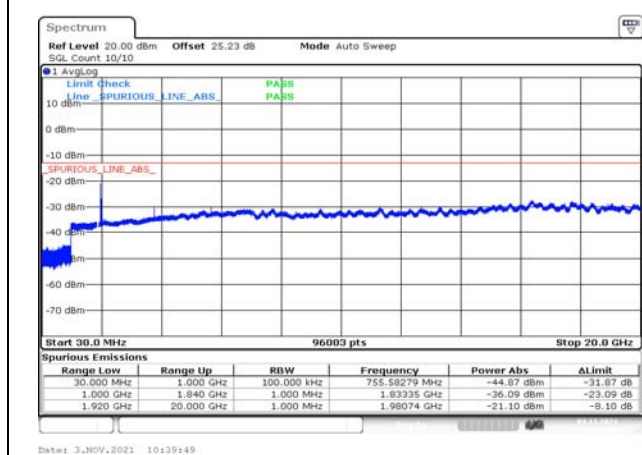
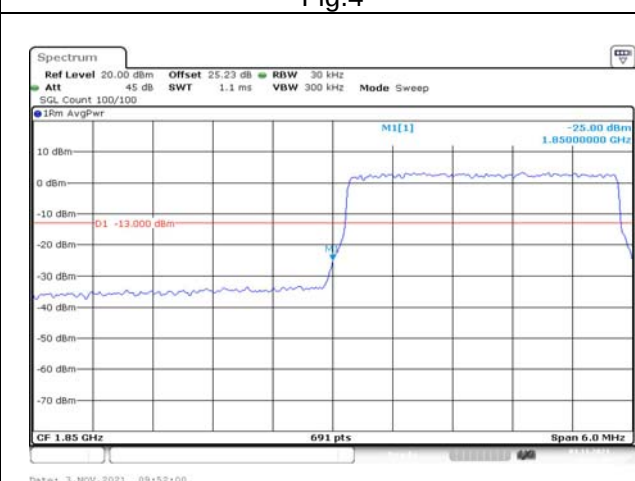
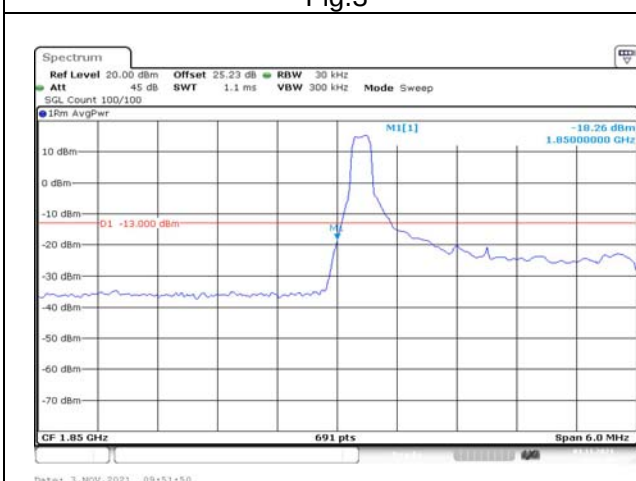
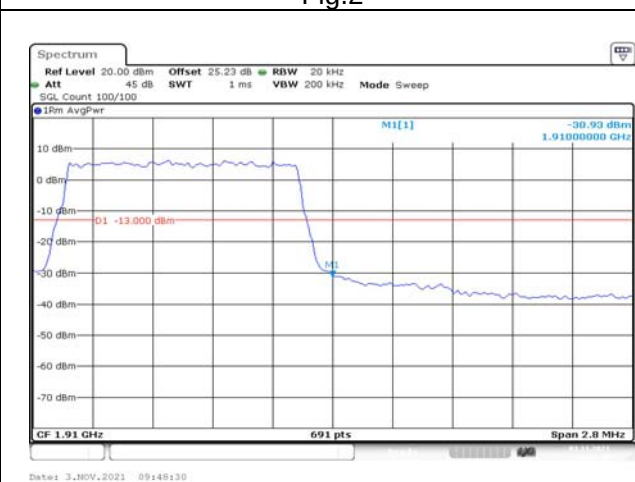
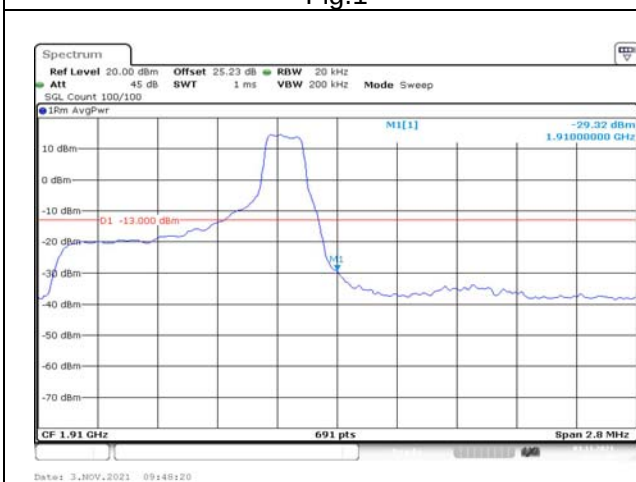
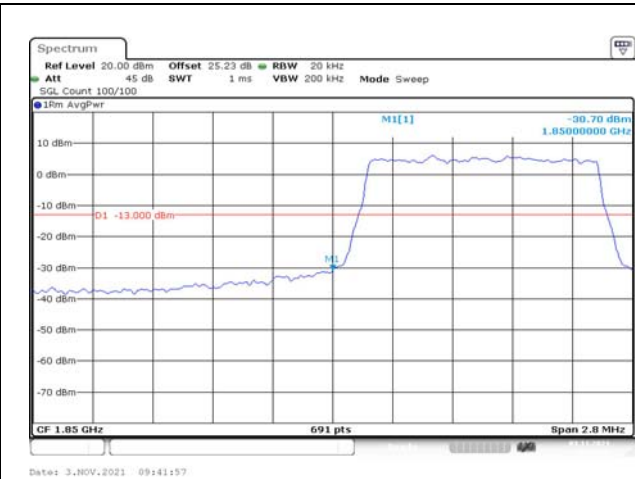
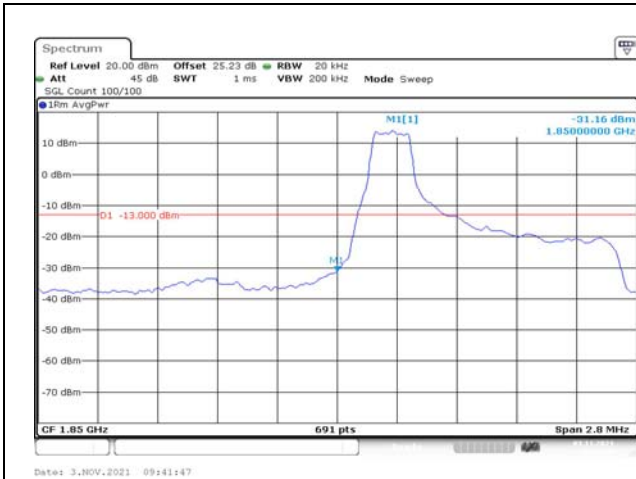


Fig.3

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



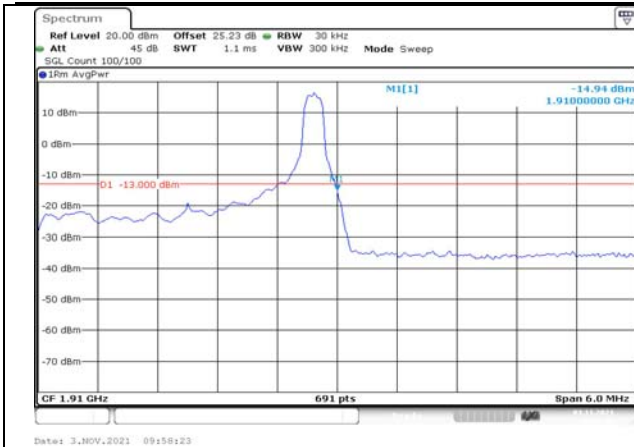


Fig.7



Fig.8

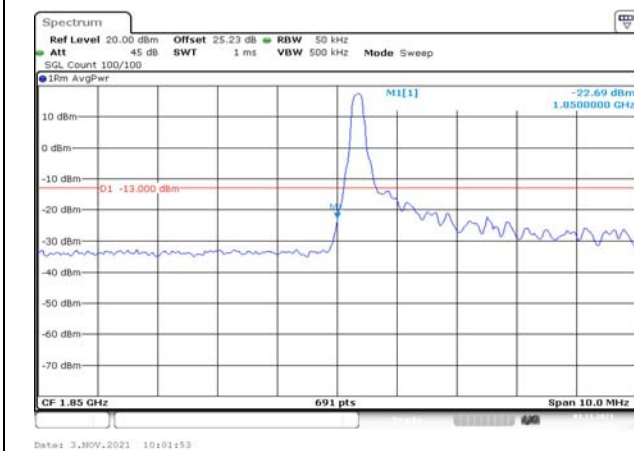


Fig.9

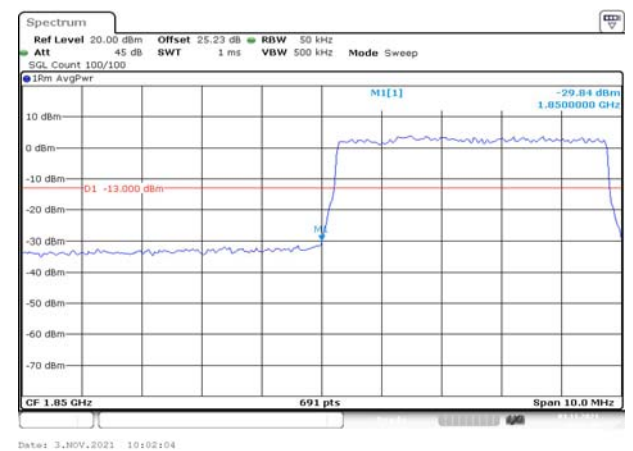


Fig.10

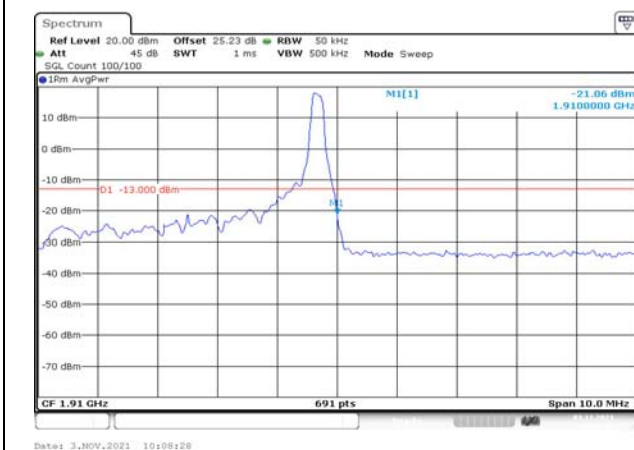


Fig.11

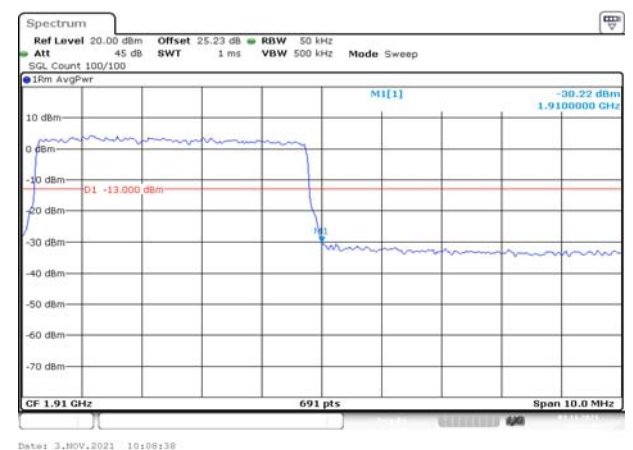


Fig.12

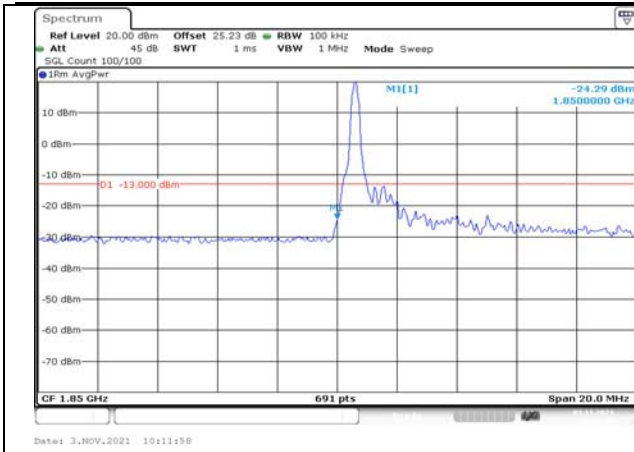


Fig.13

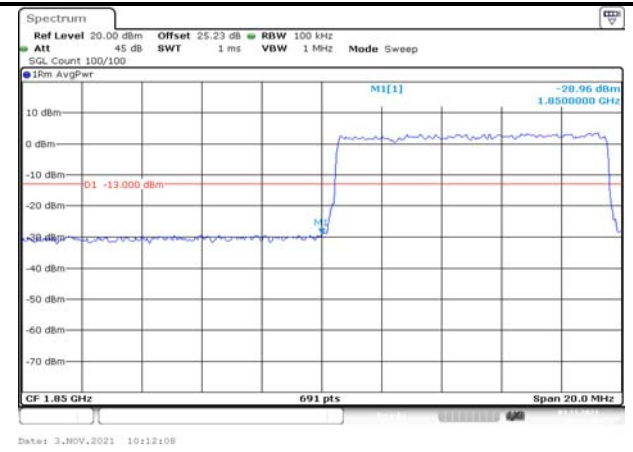


Fig.14

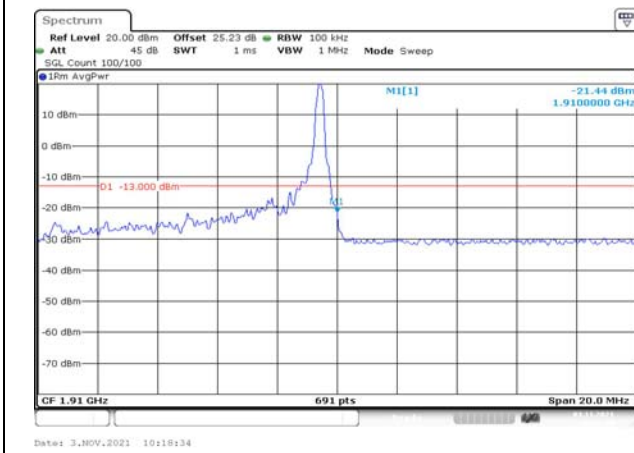


Fig.15

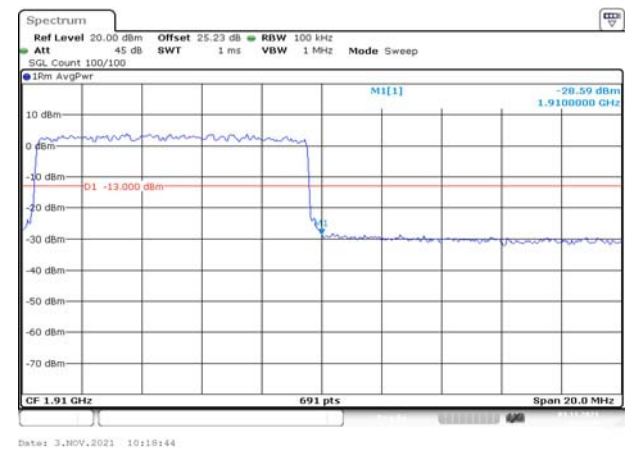


Fig.16

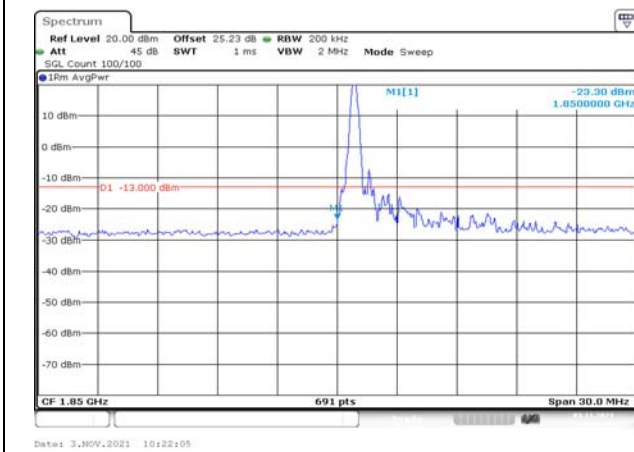


Fig.17

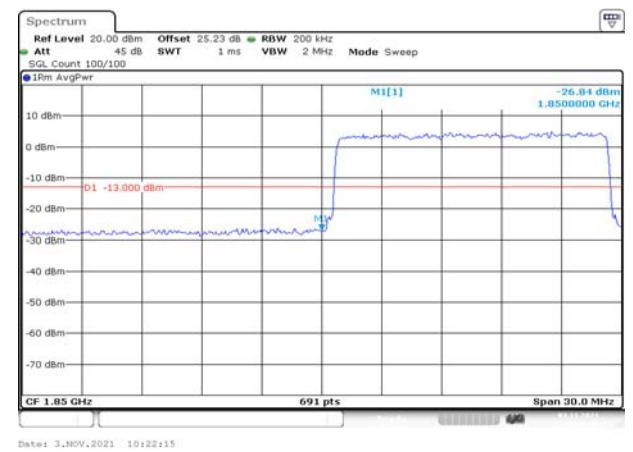


Fig.18

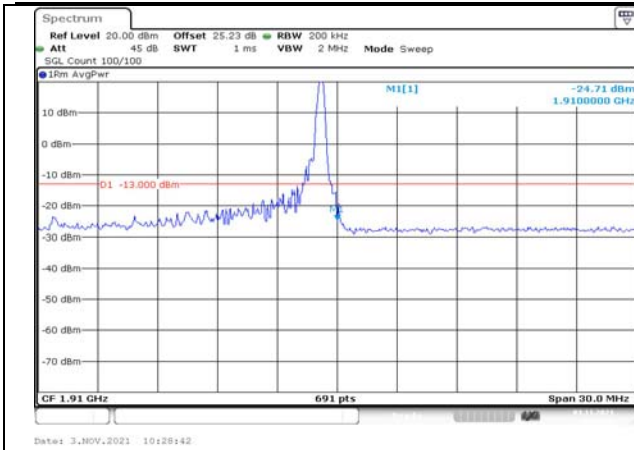


Fig.19

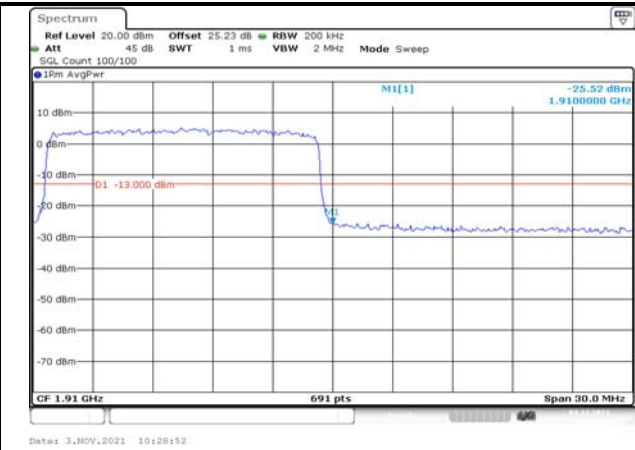


Fig.20

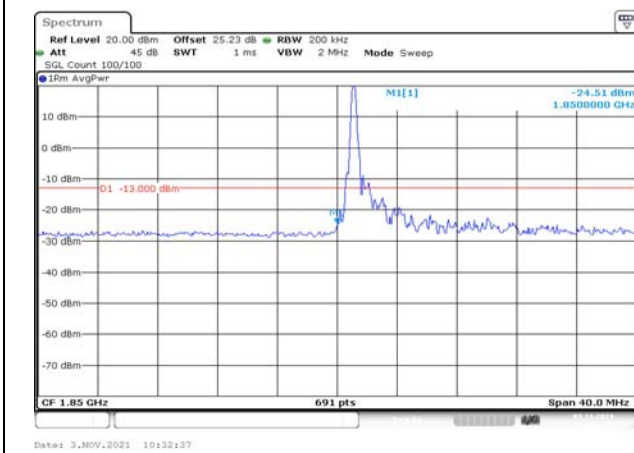


Fig.21

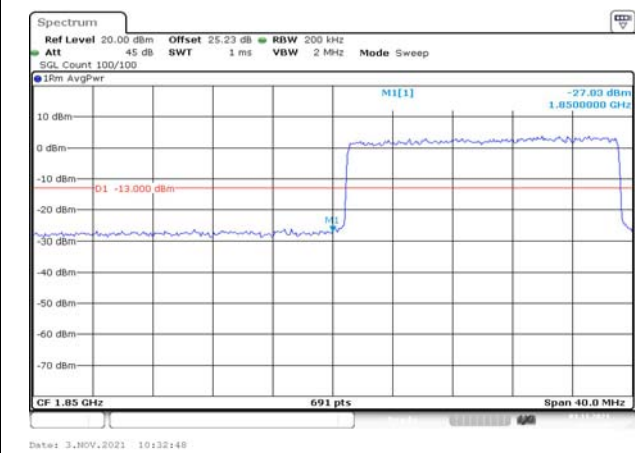


Fig.22

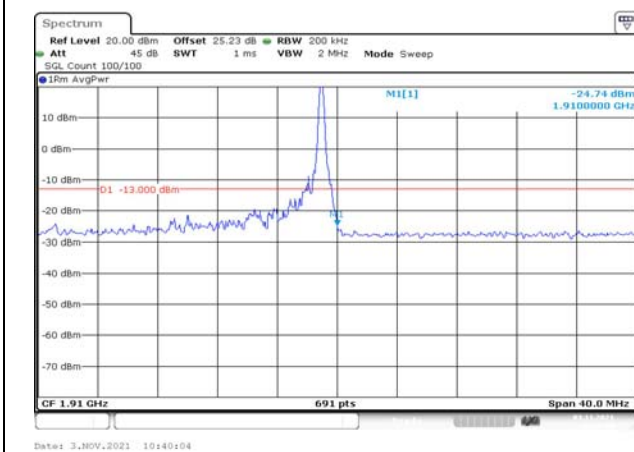


Fig.23

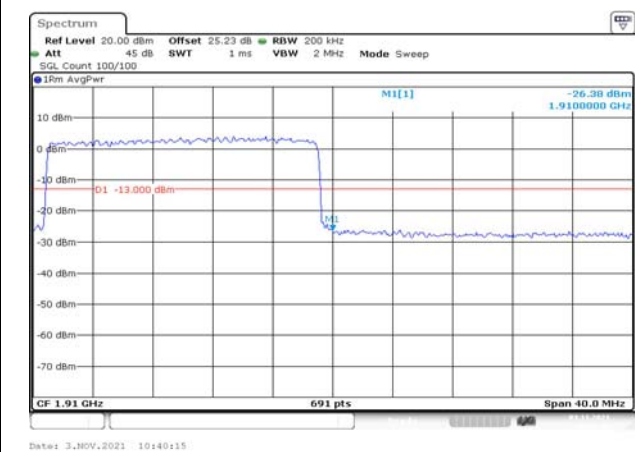


Fig.24

9 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.000	0.022	0.014	0.012	0.011	-0.023
-20	NV	-0.002	0.009	0.018	-0.002	-0.005	0.000
-10	NV	-0.017	0.009	0.011	0.001	-0.007	-0.003
0	NV	-0.008	0.011	0.003	-0.008	-0.012	-0.012
+10	NV	0.001	0.011	0.015	-0.004	-0.011	-0.014
+30	NV	-0.008	0.000	0.007	-0.005	-0.014	-0.002
+40	NV	-0.002	0.009	0.004	-0.019	-0.003	-0.015
+50	NV	0.001	0.008	0.007	-0.003	-0.009	-0.003
+20	LV	-0.012	0.005	0.009	-0.005	0.006	-0.001
+20	HV	-0.002	0.006	0.010	-0.018	0.000	-0.002

Temperature(°C)	Voltage	Test Result (ppm) Band 2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	-0.013	-0.004	0.004	-0.018	-0.020	0.003
-20	NV	-0.002	0.000	-0.010	-0.009	-0.017	-0.016
-10	NV	0.006	-0.010	0.007	-0.010	0.001	-0.002
0	NV	0.002	-0.019	-0.004	0.001	-0.010	-0.010
+10	NV	-0.005	-0.004	-0.001	-0.008	-0.001	-0.014
+30	NV	0.004	-0.019	-0.002	-0.002	0.006	-0.012
+40	NV	-0.008	-0.010	-0.003	-0.009	-0.008	-0.009
+50	NV	0.007	0.001	0.000	-0.002	-0.010	-0.013
+20	LV	0.008	-0.015	0.001	-0.012	-0.014	0.003
+20	HV	0.002	-0.006	0.009	-0.009	-0.009	0.003

10 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)
16QAM	1850.7	18607	1.4	1	0	22.17	21.59	0.144
16QAM	1850.7	18607	1.4	1	3	22.23	21.65	0.146
16QAM	1850.7	18607	1.4	1	5	22.26	21.68	0.147
16QAM	1850.7	18607	1.4	3	0	22.36	21.78	0.151
16QAM	1850.7	18607	1.4	3	1	22.32	21.74	0.149
16QAM	1850.7	18607	1.4	3	3	22.31	21.73	0.149
16QAM	1850.7	18607	1.4	6	0	21.29	20.71	0.118
16QAM	1880	18900	1.4	1	0	22.24	21.66	0.147
16QAM	1880	18900	1.4	1	3	22.33	21.75	0.150
16QAM	1880	18900	1.4	1	5	22.34	21.76	0.150
16QAM	1880	18900	1.4	3	0	21.84	21.26	0.134
16QAM	1880	18900	1.4	3	1	21.89	21.31	0.135
16QAM	1880	18900	1.4	3	3	21.74	21.16	0.131
16QAM	1880	18900	1.4	6	0	21.19	20.61	0.115
16QAM	1909.3	19193	1.4	1	0	22.48	21.90	0.155
16QAM	1909.3	19193	1.4	1	3	22.45	21.87	0.154
16QAM	1909.3	19193	1.4	1	5	22.46	21.88	0.154
16QAM	1909.3	19193	1.4	3	0	22.53	21.95	0.157
16QAM	1909.3	19193	1.4	3	1	22.49	21.91	0.155
16QAM	1909.3	19193	1.4	3	3	22.52	21.94	0.156
16QAM	1909.3	19193	1.4	6	0	21.67	21.09	0.129

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1850.7	18607	1.4	1	0	22.97	22.39	0.173
QPSK	1850.7	18607	1.4	1	3	23.14	22.56	0.180
QPSK	1850.7	18607	1.4	1	5	23.08	22.50	0.178
QPSK	1850.7	18607	1.4	3	0	23.11	22.53	0.179
QPSK	1850.7	18607	1.4	3	1	22.96	22.38	0.173
QPSK	1850.7	18607	1.4	3	3	22.86	22.28	0.169
QPSK	1850.7	18607	1.4	6	0	21.92	21.34	0.136
QPSK	1880	18900	1.4	1	0	22.79	22.21	0.166
QPSK	1880	18900	1.4	1	3	22.96	22.38	0.173
QPSK	1880	18900	1.4	1	5	22.88	22.30	0.170
QPSK	1880	18900	1.4	3	0	22.91	22.33	0.171
QPSK	1880	18900	1.4	3	1	22.86	22.28	0.169
QPSK	1880	18900	1.4	3	3	22.69	22.11	0.163
QPSK	1880	18900	1.4	6	0	21.84	21.26	0.134
QPSK	1909.3	19193	1.4	1	0	23.55	22.97	0.198
QPSK	1909.3	19193	1.4	1	3	23.57	22.99	0.199
QPSK	1909.3	19193	1.4	1	5	23.65	23.07	0.203
QPSK	1909.3	19193	1.4	3	0	23.35	22.77	0.189
QPSK	1909.3	19193	1.4	3	1	23.42	22.84	0.192
QPSK	1909.3	19193	1.4	3	3	23.41	22.83	0.192
QPSK	1909.3	19193	1.4	6	0	22.46	21.88	0.154

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1851.5	18615	3	1	0	22.22	21.64	0.146
16QAM	1851.5	18615	3	1	8	22.19	21.61	0.145
16QAM	1851.5	18615	3	1	14	22.29	21.71	0.148
16QAM	1851.5	18615	3	8	0	21.24	20.66	0.116
16QAM	1851.5	18615	3	8	4	21.15	20.57	0.114
16QAM	1851.5	18615	3	8	7	21.29	20.71	0.118
16QAM	1851.5	18615	3	15	0	21.22	20.64	0.116
16QAM	1880	18900	3	1	0	22.27	21.69	0.148
16QAM	1880	18900	3	1	8	22.26	21.68	0.147
16QAM	1880	18900	3	1	14	22.39	21.81	0.152
16QAM	1880	18900	3	8	0	20.91	20.33	0.108
16QAM	1880	18900	3	8	4	20.92	20.34	0.108
16QAM	1880	18900	3	8	7	20.97	20.39	0.109
16QAM	1880	18900	3	15	0	20.97	20.39	0.109
16QAM	1908.5	19185	3	1	0	22.46	21.88	0.154
16QAM	1908.5	19185	3	1	8	22.45	21.87	0.154
16QAM	1908.5	19185	3	1	14	22.51	21.93	0.156
16QAM	1908.5	19185	3	8	0	21.45	20.87	0.122
16QAM	1908.5	19185	3	8	4	21.47	20.89	0.123
16QAM	1908.5	19185	3	8	7	21.47	20.89	0.123
16QAM	1908.5	19185	3	15	0	21.51	20.93	0.124

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	22.83	22.25	0.168
QPSK	1851.5	18615	3	1	8	22.93	22.35	0.172
QPSK	1851.5	18615	3	1	14	22.86	22.28	0.169
QPSK	1851.5	18615	3	8	0	22.07	21.49	0.141
QPSK	1851.5	18615	3	8	4	22.12	21.54	0.143
QPSK	1851.5	18615	3	8	7	22.04	21.46	0.140
QPSK	1851.5	18615	3	15	0	22.09	21.51	0.142
QPSK	1880	18900	3	1	0	22.92	22.34	0.171
QPSK	1880	18900	3	1	8	22.95	22.37	0.173
QPSK	1880	18900	3	1	14	22.91	22.33	0.171
QPSK	1880	18900	3	8	0	21.81	21.23	0.133
QPSK	1880	18900	3	8	4	21.82	21.24	0.133
QPSK	1880	18900	3	8	7	21.87	21.29	0.135
QPSK	1880	18900	3	15	0	21.92	21.34	0.136
QPSK	1908.5	19185	3	1	0	23.54	22.96	0.198
QPSK	1908.5	19185	3	1	8	23.51	22.93	0.196
QPSK	1908.5	19185	3	1	14	23.58	23.00	0.200
QPSK	1908.5	19185	3	8	0	22.39	21.81	0.152
QPSK	1908.5	19185	3	8	4	22.36	21.78	0.151
QPSK	1908.5	19185	3	8	7	22.39	21.81	0.152
QPSK	1908.5	19185	3	15	0	22.37	21.79	0.151

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1852.5	18625	5	1	0	21.73	21.15	0.130
16QAM	1852.5	18625	5	1	12	21.67	21.09	0.129
16QAM	1852.5	18625	5	1	24	21.75	21.17	0.131
16QAM	1852.5	18625	5	12	0	21.19	20.61	0.115
16QAM	1852.5	18625	5	12	7	21.18	20.60	0.115
16QAM	1852.5	18625	5	12	13	21.18	20.60	0.115
16QAM	1852.5	18625	5	25	0	21.42	20.84	0.121
16QAM	1880	18900	5	1	0	22.02	21.44	0.139
16QAM	1880	18900	5	1	12	22.04	21.46	0.140
16QAM	1880	18900	5	1	24	21.97	21.39	0.138
16QAM	1880	18900	5	12	0	20.86	20.28	0.107
16QAM	1880	18900	5	12	7	20.79	20.21	0.105
16QAM	1880	18900	5	12	13	20.77	20.19	0.104
16QAM	1880	18900	5	25	0	21.01	20.43	0.110
16QAM	1907.5	19175	5	1	0	22.71	22.13	0.163
16QAM	1907.5	19175	5	1	12	22.78	22.20	0.166
16QAM	1907.5	19175	5	1	24	22.81	22.23	0.167
16QAM	1907.5	19175	5	12	0	21.36	20.78	0.120
16QAM	1907.5	19175	5	12	7	21.39	20.81	0.121
16QAM	1907.5	19175	5	12	13	21.47	20.89	0.123
16QAM	1907.5	19175	5	25	0	21.53	20.95	0.124

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	23.22	22.64	0.184
QPSK	1852.5	18625	5	1	12	23.16	22.58	0.181
QPSK	1852.5	18625	5	1	24	23.18	22.60	0.182
QPSK	1852.5	18625	5	12	0	22.17	21.59	0.144
QPSK	1852.5	18625	5	12	7	22.06	21.48	0.141
QPSK	1852.5	18625	5	12	13	22.03	21.45	0.140
QPSK	1852.5	18625	5	25	0	22.06	21.48	0.141
QPSK	1880	18900	5	1	0	22.64	22.06	0.161
QPSK	1880	18900	5	1	12	22.76	22.18	0.165
QPSK	1880	18900	5	1	24	22.76	22.18	0.165
QPSK	1880	18900	5	12	0	21.93	21.35	0.136
QPSK	1880	18900	5	12	7	21.88	21.30	0.135
QPSK	1880	18900	5	12	13	21.92	21.34	0.136
QPSK	1880	18900	5	25	0	22.01	21.43	0.139
QPSK	1907.5	19175	5	1	0	23.36	22.78	0.190
QPSK	1907.5	19175	5	1	12	23.42	22.84	0.192
QPSK	1907.5	19175	5	1	24	23.51	22.93	0.196
QPSK	1907.5	19175	5	12	0	22.42	21.84	0.153
QPSK	1907.5	19175	5	12	7	22.42	21.84	0.153
QPSK	1907.5	19175	5	12	13	22.44	21.86	0.153
QPSK	1907.5	19175	5	25	0	22.48	21.90	0.155

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1855	18650	10	1	0	23.24	22.66	0.185
16QAM	1855	18650	10	1	25	23.14	22.56	0.180
16QAM	1855	18650	10	1	49	23.04	22.46	0.176
16QAM	1855	18650	10	25	0	21.39	20.81	0.121
16QAM	1855	18650	10	25	12	21.33	20.75	0.119
16QAM	1855	18650	10	25	25	21.34	20.76	0.119
16QAM	1855	18650	10	50	0	21.29	20.71	0.118
16QAM	1880	18900	10	1	0	22.48	21.90	0.155
16QAM	1880	18900	10	1	25	22.40	21.82	0.152
16QAM	1880	18900	10	1	49	22.44	21.86	0.153
16QAM	1880	18900	10	25	0	21.10	20.52	0.113
16QAM	1880	18900	10	25	12	21.07	20.49	0.112
16QAM	1880	18900	10	25	25	21.14	20.56	0.114
16QAM	1880	18900	10	50	0	21.05	20.47	0.111
16QAM	1905	19150	10	1	0	22.69	22.11	0.163
16QAM	1905	19150	10	1	25	22.51	21.93	0.156
16QAM	1905	19150	10	1	49	22.66	22.08	0.161
16QAM	1905	19150	10	25	0	21.60	21.02	0.126
16QAM	1905	19150	10	25	12	21.61	21.03	0.127
16QAM	1905	19150	10	25	25	21.66	21.08	0.128
16QAM	1905	19150	10	50	0	21.48	20.90	0.123

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	23.28	22.70	0.186
QPSK	1855	18650	10	1	25	23.17	22.59	0.182
QPSK	1855	18650	10	1	49	23.07	22.49	0.177
QPSK	1855	18650	10	25	0	22.14	21.56	0.143
QPSK	1855	18650	10	25	12	22.12	21.54	0.143
QPSK	1855	18650	10	25	25	22.16	21.58	0.144
QPSK	1855	18650	10	50	0	22.18	21.60	0.145
QPSK	1880	18900	10	1	0	23.22	22.64	0.184
QPSK	1880	18900	10	1	25	23.22	22.64	0.184
QPSK	1880	18900	10	1	49	23.07	22.49	0.177
QPSK	1880	18900	10	25	0	21.95	21.37	0.137
QPSK	1880	18900	10	25	12	21.91	21.33	0.136
QPSK	1880	18900	10	25	25	21.86	21.28	0.134
QPSK	1880	18900	10	50	0	21.92	21.34	0.136
QPSK	1905	19150	10	1	0	23.12	22.54	0.179
QPSK	1905	19150	10	1	25	23.27	22.69	0.186
QPSK	1905	19150	10	1	49	23.40	22.82	0.191
QPSK	1905	19150	10	25	0	22.32	21.74	0.149
QPSK	1905	19150	10	25	12	22.32	21.74	0.149
QPSK	1905	19150	10	25	25	22.44	21.86	0.153
QPSK	1905	19150	10	50	0	22.29	21.71	0.148

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1857.5	18675	15	1	0	23.21	22.63	0.183
16QAM	1857.5	18675	15	1	37	23.05	22.47	0.177
16QAM	1857.5	18675	15	1	74	22.85	22.27	0.169
16QAM	1857.5	18675	15	36	0	21.22	20.64	0.116
16QAM	1857.5	18675	15	36	29	21.28	20.70	0.117
16QAM	1857.5	18675	15	36	30	21.31	20.73	0.118
16QAM	1857.5	18675	15	75	0	21.28	20.70	0.117
16QAM	1880	18900	15	1	0	22.53	21.95	0.157
16QAM	1880	18900	15	1	37	22.49	21.91	0.155
16QAM	1880	18900	15	1	74	22.61	22.03	0.160
16QAM	1880	18900	15	36	0	21.06	20.48	0.112
16QAM	1880	18900	15	36	29	21.03	20.45	0.111
16QAM	1880	18900	15	36	30	21.02	20.44	0.111
16QAM	1880	18900	15	75	0	21.10	20.52	0.113
16QAM	1902.5	19125	15	1	0	22.65	22.07	0.161
16QAM	1902.5	19125	15	1	37	22.72	22.14	0.164
16QAM	1902.5	19125	15	1	74	22.89	22.31	0.170
16QAM	1902.5	19125	15	36	0	21.30	20.72	0.118
16QAM	1902.5	19125	15	36	29	21.45	20.87	0.122
16QAM	1902.5	19125	15	36	30	21.45	20.87	0.122
16QAM	1902.5	19125	15	75	0	21.46	20.88	0.122

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	23.43	22.85	0.193
QPSK	1857.5	18675	15	1	37	23.13	22.55	0.180
QPSK	1857.5	18675	15	1	74	23.01	22.43	0.175
QPSK	1857.5	18675	15	36	0	22.13	21.55	0.143
QPSK	1857.5	18675	15	36	29	22.09	21.51	0.142
QPSK	1857.5	18675	15	36	30	22.10	21.52	0.142
QPSK	1857.5	18675	15	75	0	22.13	21.55	0.143
QPSK	1880	18900	15	1	0	23.05	22.47	0.177
QPSK	1880	18900	15	1	37	22.95	22.37	0.173
QPSK	1880	18900	15	1	74	23.04	22.46	0.176
QPSK	1880	18900	15	36	0	21.89	21.31	0.135
QPSK	1880	18900	15	36	29	21.98	21.40	0.138
QPSK	1880	18900	15	36	30	21.97	21.39	0.138
QPSK	1880	18900	15	75	0	21.93	21.35	0.136
QPSK	1902.5	19125	15	1	0	22.79	22.21	0.166
QPSK	1902.5	19125	15	1	37	22.99	22.41	0.174
QPSK	1902.5	19125	15	1	74	23.13	22.55	0.180
QPSK	1902.5	19125	15	36	0	22.13	21.55	0.143
QPSK	1902.5	19125	15	36	29	22.27	21.69	0.148
QPSK	1902.5	19125	15	36	30	22.26	21.68	0.147
QPSK	1902.5	19125	15	75	0	22.34	21.76	0.150

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1860	18700	20	1	0	22.87	22.29	0.169
16QAM	1860	18700	20	1	49	22.74	22.16	0.164
16QAM	1860	18700	20	1	99	22.57	21.99	0.158
16QAM	1860	18700	20	50	0	21.34	20.76	0.119
16QAM	1860	18700	20	50	24	21.35	20.77	0.119
16QAM	1860	18700	20	50	50	21.29	20.71	0.118
16QAM	1860	18700	20	100	0	21.34	20.76	0.119
16QAM	1880	18900	20	1	0	22.01	21.43	0.139
16QAM	1880	18900	20	1	49	22.10	21.52	0.142
16QAM	1880	18900	20	1	99	22.17	21.59	0.144
16QAM	1880	18900	20	50	0	21.12	20.54	0.113
16QAM	1880	18900	20	50	24	21.22	20.64	0.116
16QAM	1880	18900	20	50	50	21.19	20.61	0.115
16QAM	1880	18900	20	100	0	21.20	20.62	0.115
16QAM	1900	19100	20	1	0	22.57	21.99	0.158
16QAM	1900	19100	20	1	49	22.63	22.05	0.160
16QAM	1900	19100	20	1	99	22.92	22.34	0.171
16QAM	1900	19100	20	50	0	21.28	20.70	0.117
16QAM	1900	19100	20	50	24	21.36	20.78	0.120
16QAM	1900	19100	20	50	50	21.52	20.94	0.124
16QAM	1900	19100	20	100	0	21.48	20.90	0.123

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	23.16	22.58	0.181
QPSK	1860	18700	20	1	49	22.99	22.41	0.174
QPSK	1860	18700	20	1	99	23.03	22.45	0.176
QPSK	1860	18700	20	50	0	22.23	21.65	0.146
QPSK	1860	18700	20	50	24	22.05	21.47	0.140
QPSK	1860	18700	20	50	50	21.98	21.40	0.138
QPSK	1860	18700	20	100	0	22.20	21.62	0.145
QPSK	1880	18900	20	1	0	23.01	22.43	0.175
QPSK	1880	18900	20	1	49	23.05	22.47	0.177
QPSK	1880	18900	20	1	99	23.16	22.58	0.181
QPSK	1880	18900	20	50	0	21.96	21.38	0.137
QPSK	1880	18900	20	50	24	21.90	21.32	0.136
QPSK	1880	18900	20	50	50	21.91	21.33	0.136
QPSK	1880	18900	20	100	0	22.04	21.46	0.140
QPSK	1900	19100	20	1	0	22.97	22.39	0.173
QPSK	1900	19100	20	1	49	23.24	22.66	0.185
QPSK	1900	19100	20	1	99	23.42	22.84	0.192
QPSK	1900	19100	20	50	0	22.18	21.60	0.145
QPSK	1900	19100	20	50	24	22.26	21.68	0.147
QPSK	1900	19100	20	50	50	22.37	21.79	0.151
QPSK	1900	19100	20	100	0	22.35	21.77	0.150

R

Secondary Supply

LTE Band 2

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1850.7	18607	1.4	1	0	21.97
16QAM	1850.7	18607	1.4	1	3	21.78
16QAM	1850.7	18607	1.4	1	5	21.77
16QAM	1850.7	18607	1.4	3	0	21.51
16QAM	1850.7	18607	1.4	3	1	21.35
16QAM	1850.7	18607	1.4	3	3	21.53
16QAM	1850.7	18607	1.4	6	0	20.62
16QAM	1880	18900	1.4	1	0	21.22
16QAM	1880	18900	1.4	1	3	21.26
16QAM	1880	18900	1.4	1	5	21.33
16QAM	1880	18900	1.4	3	0	21.38
16QAM	1880	18900	1.4	3	1	21.43
16QAM	1880	18900	1.4	3	3	21.40
16QAM	1880	18900	1.4	6	0	20.48
16QAM	1909.3	19193	1.4	1	0	21.99
16QAM	1909.3	19193	1.4	1	3	22.01
16QAM	1909.3	19193	1.4	1	5	22.04
16QAM	1909.3	19193	1.4	3	0	22.07
16QAM	1909.3	19193	1.4	3	1	22.09
16QAM	1909.3	19193	1.4	3	3	22.09
16QAM	1909.3	19193	1.4	6	0	21.08

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1850.7	18607	1.4	1	0	22.43
QPSK	1850.7	18607	1.4	1	3	22.44
QPSK	1850.7	18607	1.4	1	5	22.44
QPSK	1850.7	18607	1.4	3	0	22.47
QPSK	1850.7	18607	1.4	3	1	22.54
QPSK	1850.7	18607	1.4	3	3	22.46
QPSK	1850.7	18607	1.4	6	0	21.49
QPSK	1880	18900	1.4	1	0	22.14
QPSK	1880	18900	1.4	1	3	22.19
QPSK	1880	18900	1.4	1	5	22.13
QPSK	1880	18900	1.4	3	0	22.19
QPSK	1880	18900	1.4	3	1	22.20
QPSK	1880	18900	1.4	3	3	22.19
QPSK	1880	18900	1.4	6	0	21.21
QPSK	1909.3	19193	1.4	1	0	22.52
QPSK	1909.3	19193	1.4	1	3	22.63
QPSK	1909.3	19193	1.4	1	5	22.58
QPSK	1909.3	19193	1.4	3	0	22.72
QPSK	1909.3	19193	1.4	3	1	22.68
QPSK	1909.3	19193	1.4	3	3	22.74
QPSK	1909.3	19193	1.4	6	0	21.72

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 2	QPSK	1850.7	18607	1.4	6	0	1.082	Fig.1
Band 2	QPSK	1880	18900	1.4	6	0	1.082	Fig.2
Band 2	QPSK	1909.3	19193	1.4	6	0	1.082	Fig.3

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 2	16QAM	1850.7	18607	1.4	6	0	1.088	Fig.4
Band 2	16QAM	1880	18900	1.4	6	0	1.088	Fig.5
Band 2	16QAM	1909.3	19193	1.4	6	0	1.088	Fig.6

Test Mode: QPSK

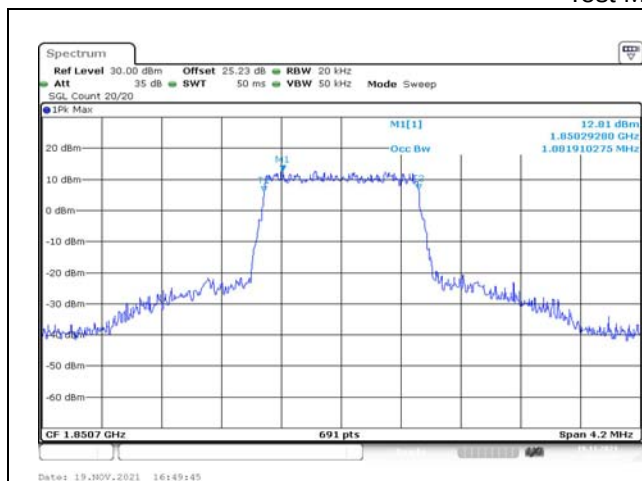


Fig.1

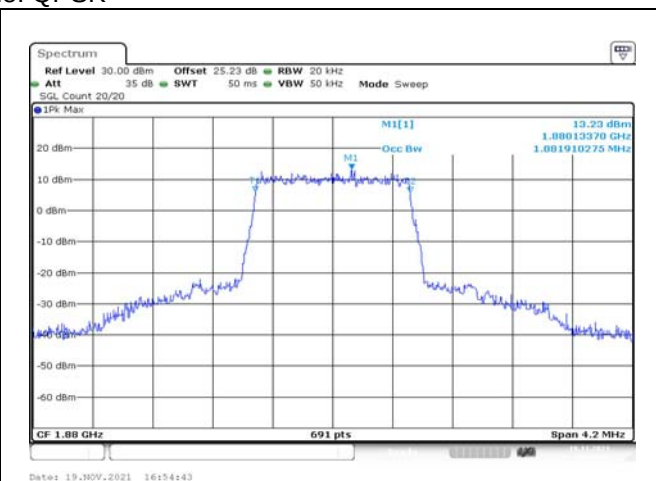


Fig.2

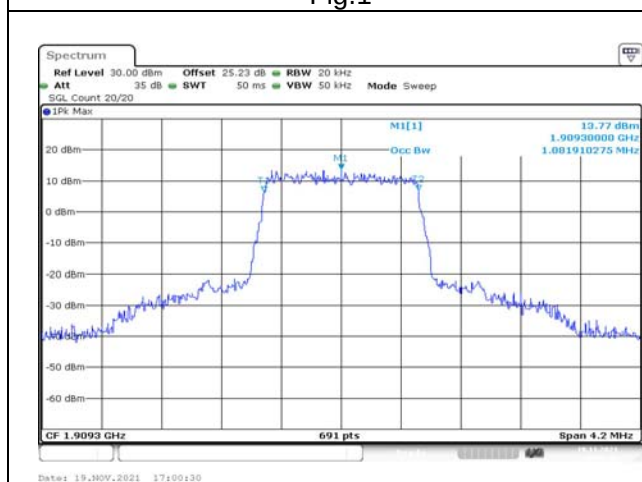


Fig.3

Test Mode: 16QAM

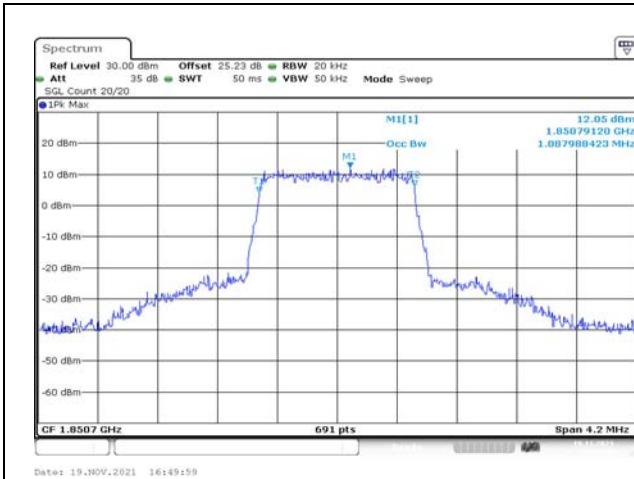


Fig.4

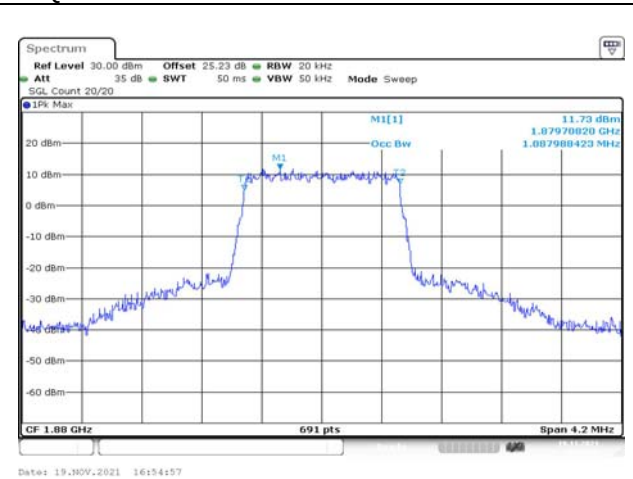


Fig.5

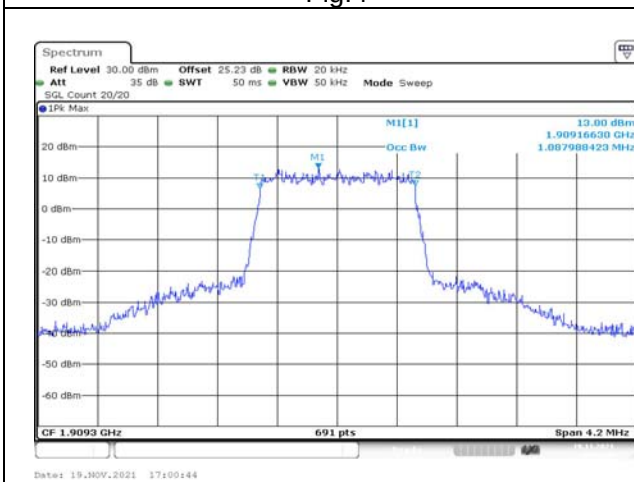


Fig.6

3 Emission Bandwidth

4	Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
	Band 2	QPSK	1850.7	18607	1.4	6	0	1.234	Fig.1
	Band 2	QPSK	1880	18900	1.4	6	0	1.222	Fig.2
	Band 2	QPSK	1909.3	19193	1.4	6	0	1.228	Fig.3

5	Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
	Band 2	16QAM	1850.7	18607	1.4	6	0	1.234	Fig.4
	Band 2	16QAM	1880	18900	1.4	6	0	1.234	Fig.5
	Band 2	16QAM	1909.3	19193	1.4	6	0	1.228	Fig.6

Test Mode: QPSK

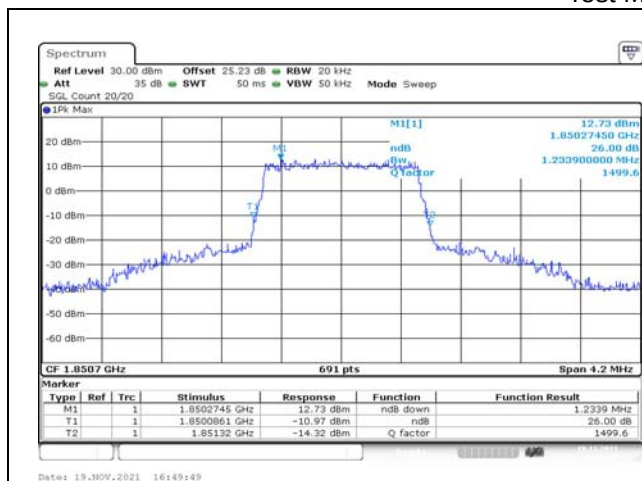


Fig.1

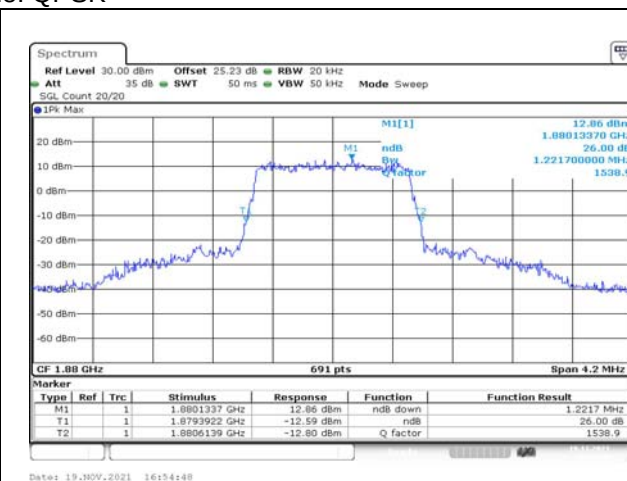


Fig.2

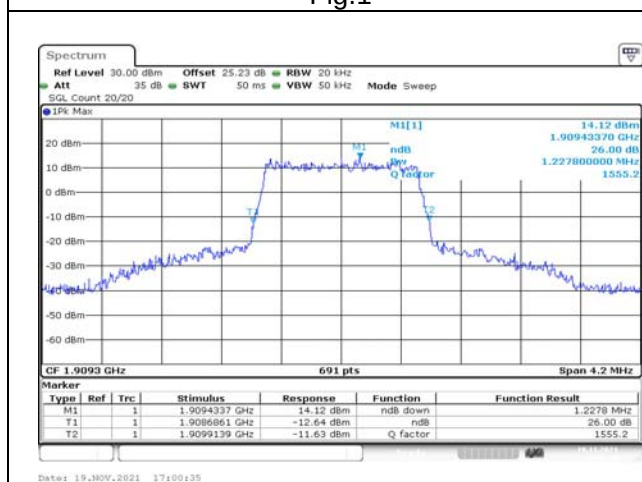


Fig.3

Test Mode: 16QAM

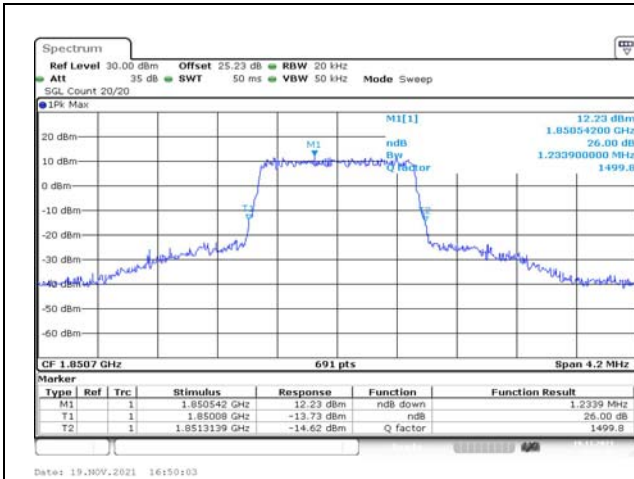


Fig.4

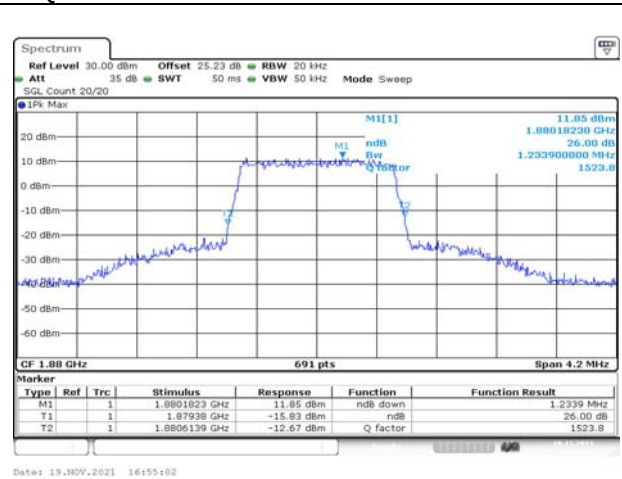


Fig.5

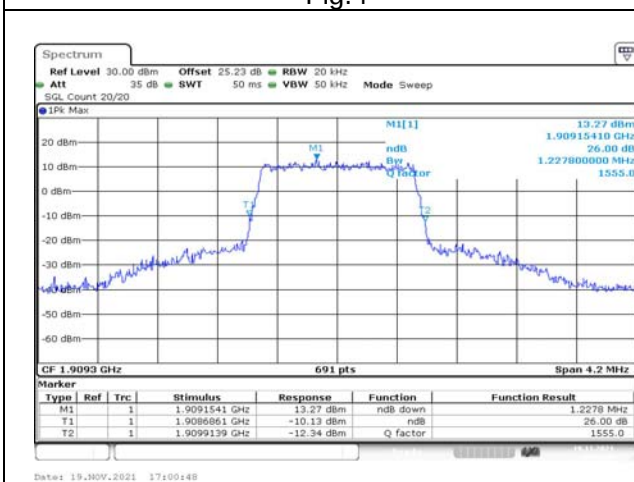


Fig.6

6 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
2	1850.7	18607	1.4	1	5	Fig.1	Fig.2	---
2	1850.7	18607	1.4	6	0	Fig.3	Fig.4	---
2	1880	18900	1.4	1	5	Fig.5	Fig.6	---
2	1880	18900	1.4	6	0	Fig.7	Fig.8	---
2	1909.3	19193	1.4	1	5	Fig.9	Fig.10	---
2	1909.3	19193	1.4	6	0	Fig.11	Fig.12	---

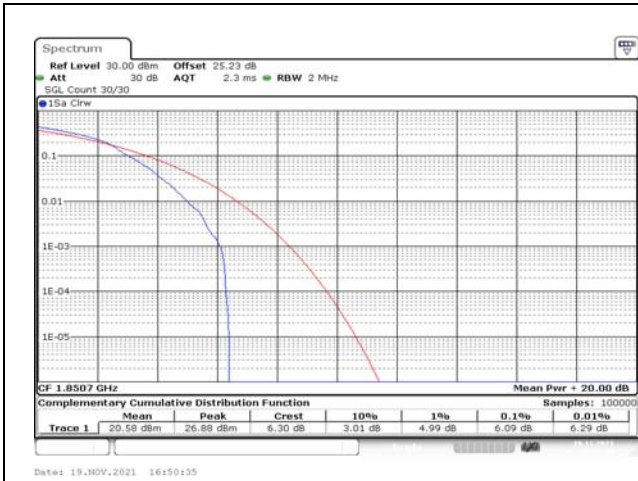


Fig.1

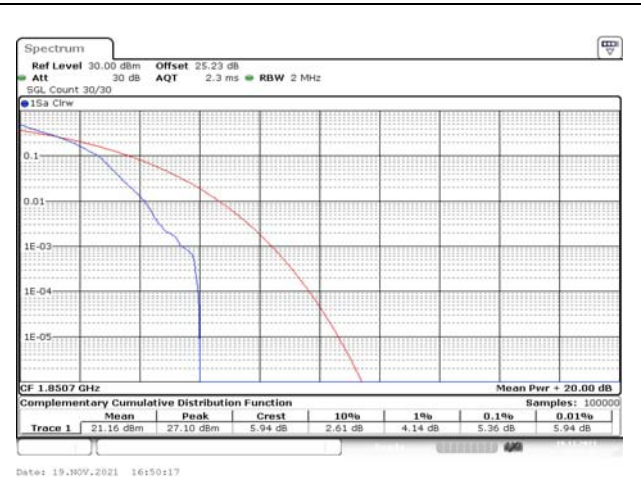


Fig.2

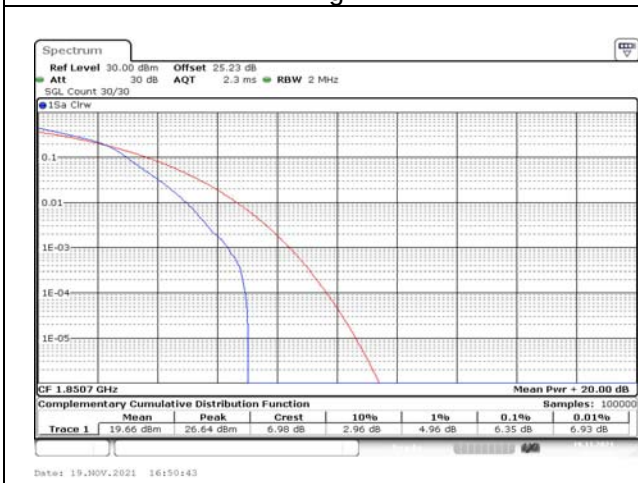


Fig.3

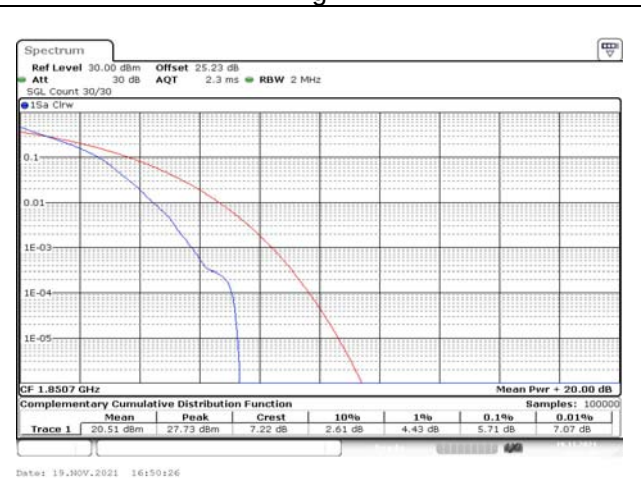


Fig.4

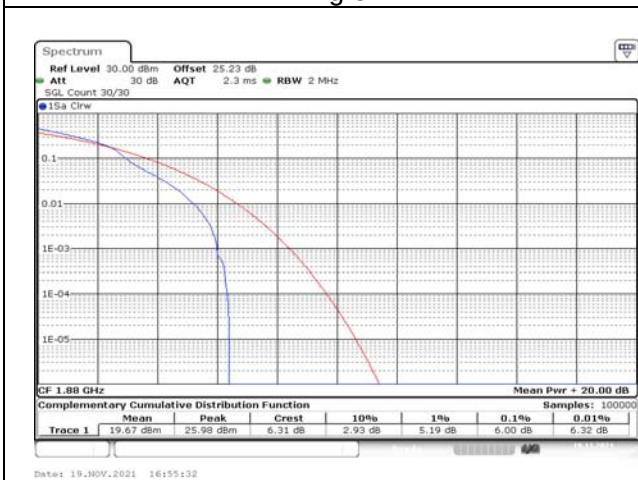


Fig.5

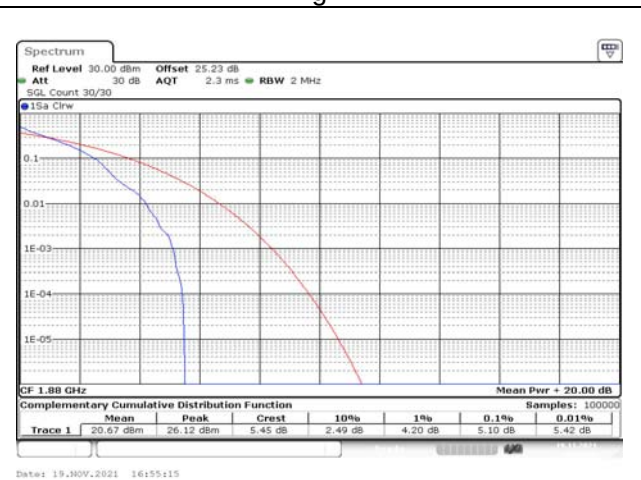


Fig.6

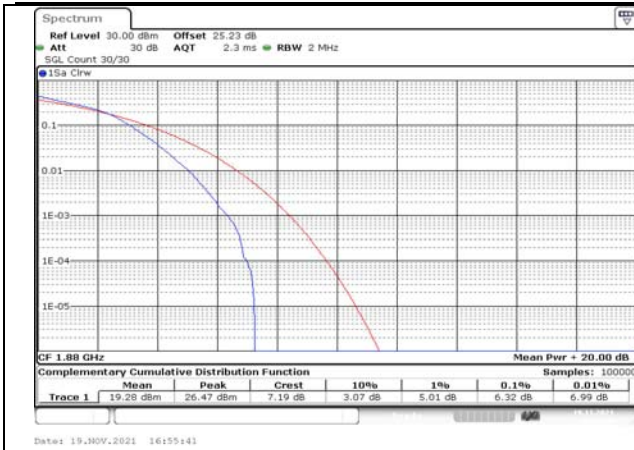


Fig.7

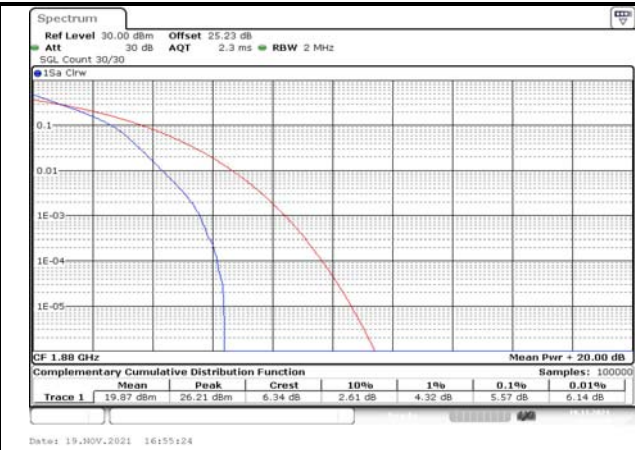


Fig.8

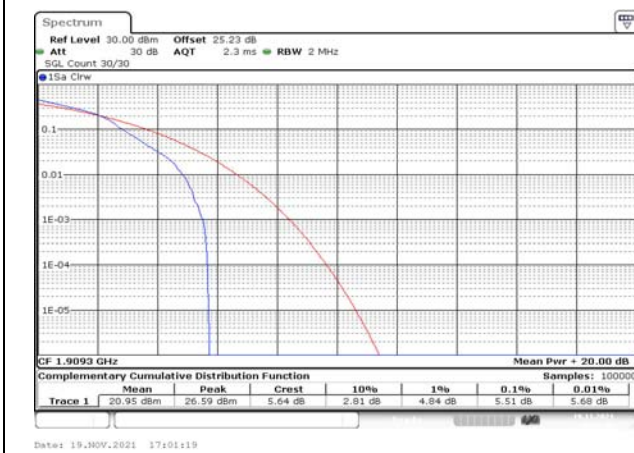


Fig.9

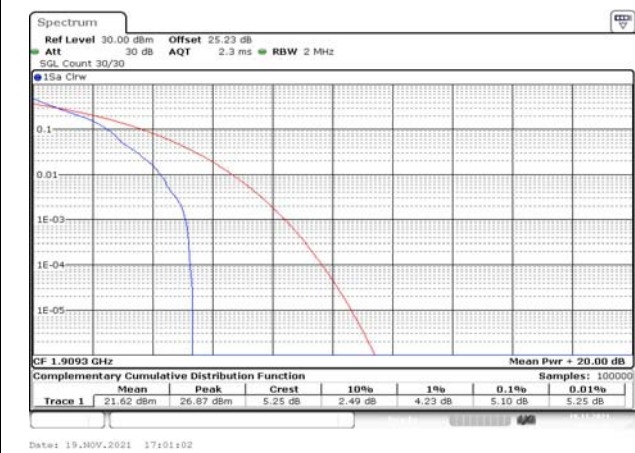


Fig.10

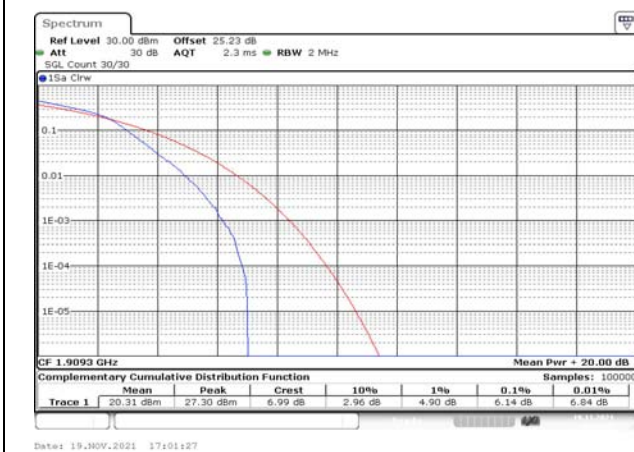


Fig.11

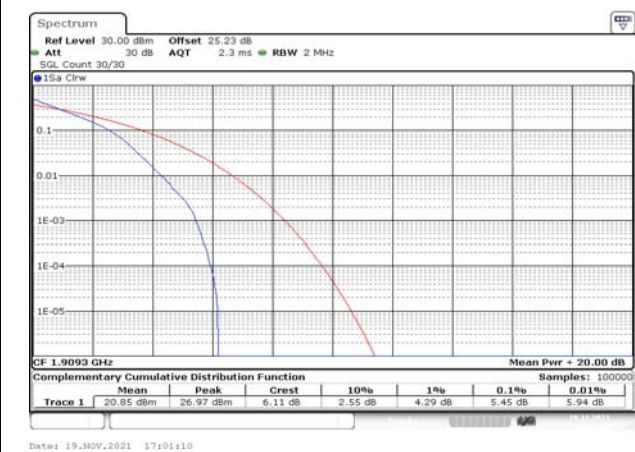


Fig.12

7 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
2	1850.7	18607	1.4	6	0	Fig.2
2	1909.3	19193	1.4	1	5	Fig.3
2	1909.3	19193	1.4	6	0	Fig.4

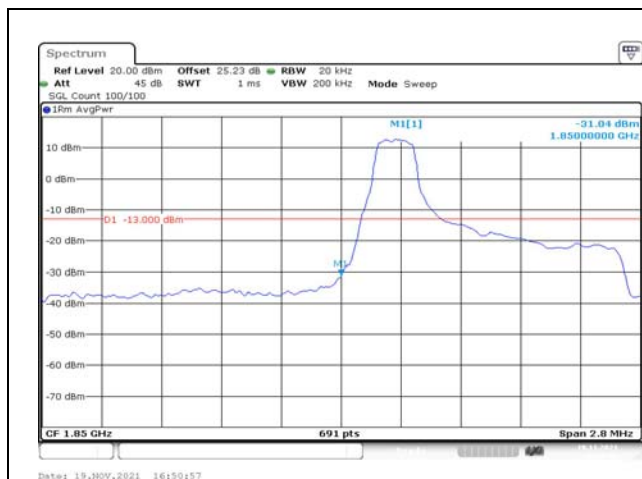


Fig.1

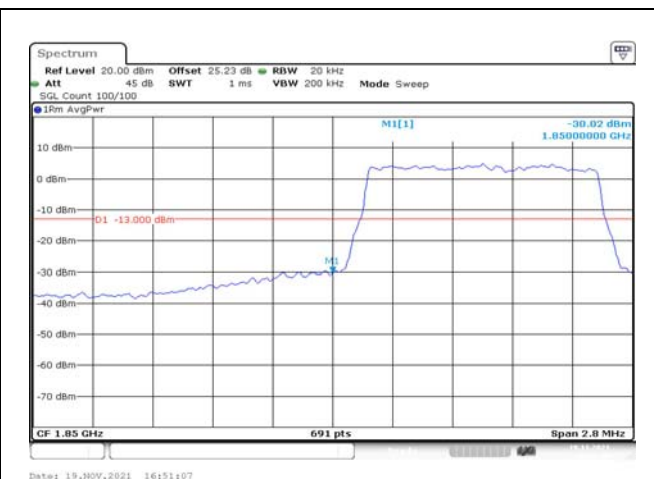


Fig.2

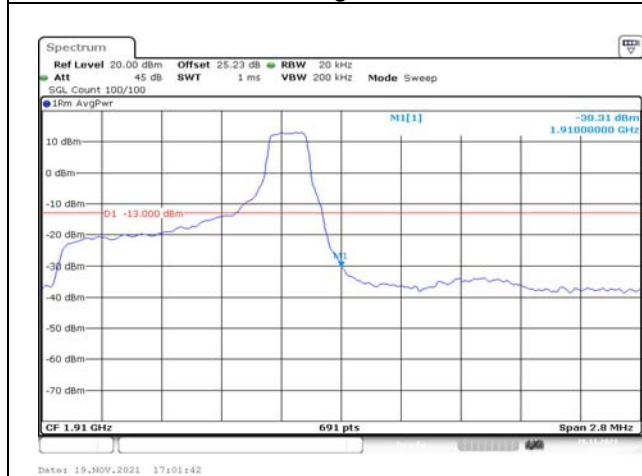


Fig.3

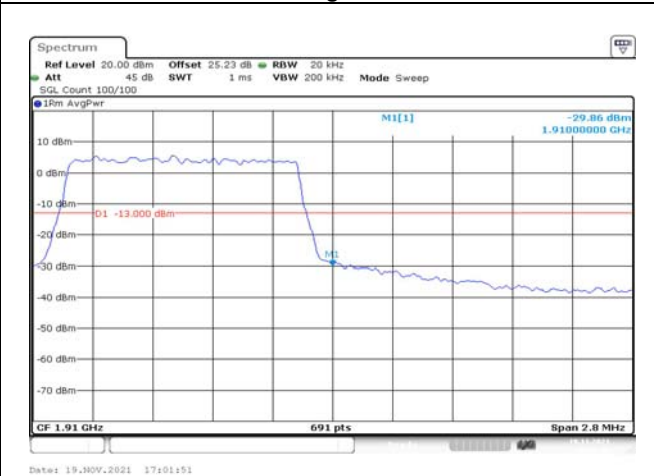


Fig.4

8 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)
16QAM	1850.7	18607	1.4	1	0	21.97	21.39	0.138
16QAM	1850.7	18607	1.4	1	3	21.78	21.20	0.132
16QAM	1850.7	18607	1.4	1	5	21.77	21.19	0.132
16QAM	1850.7	18607	1.4	3	0	21.51	20.93	0.124
16QAM	1850.7	18607	1.4	3	1	21.35	20.77	0.119
16QAM	1850.7	18607	1.4	3	3	21.53	20.95	0.124
16QAM	1850.7	18607	1.4	6	0	20.62	20.04	0.101
16QAM	1880	18900	1.4	1	0	21.22	20.64	0.116
16QAM	1880	18900	1.4	1	3	21.26	20.68	0.117
16QAM	1880	18900	1.4	1	5	21.33	20.75	0.119
16QAM	1880	18900	1.4	3	0	21.38	20.80	0.120
16QAM	1880	18900	1.4	3	1	21.43	20.85	0.122
16QAM	1880	18900	1.4	3	3	21.40	20.82	0.121
16QAM	1880	18900	1.4	6	0	20.48	19.90	0.098
16QAM	1909.3	19193	1.4	1	0	21.99	21.41	0.138
16QAM	1909.3	19193	1.4	1	3	22.01	21.43	0.139
16QAM	1909.3	19193	1.4	1	5	22.04	21.46	0.140
16QAM	1909.3	19193	1.4	3	0	22.07	21.49	0.141
16QAM	1909.3	19193	1.4	3	1	22.09	21.51	0.142
16QAM	1909.3	19193	1.4	3	3	22.09	21.51	0.142
16QAM	1909.3	19193	1.4	6	0	21.08	20.50	0.112

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1850.7	18607	1.4	1	0	22.43	21.85	0.153
QPSK	1850.7	18607	1.4	1	3	22.44	21.86	0.153
QPSK	1850.7	18607	1.4	1	5	22.44	21.86	0.153
QPSK	1850.7	18607	1.4	3	0	22.47	21.89	0.155
QPSK	1850.7	18607	1.4	3	1	22.54	21.96	0.157
QPSK	1850.7	18607	1.4	3	3	22.46	21.88	0.154
QPSK	1850.7	18607	1.4	6	0	21.49	20.91	0.123
QPSK	1880	18900	1.4	1	0	22.14	21.56	0.143
QPSK	1880	18900	1.4	1	3	22.19	21.61	0.145
QPSK	1880	18900	1.4	1	5	22.13	21.55	0.143
QPSK	1880	18900	1.4	3	0	22.19	21.61	0.145
QPSK	1880	18900	1.4	3	1	22.20	21.62	0.145
QPSK	1880	18900	1.4	3	3	22.19	21.61	0.145
QPSK	1880	18900	1.4	6	0	21.21	20.63	0.116
QPSK	1909.3	19193	1.4	1	0	22.52	21.94	0.156
QPSK	1909.3	19193	1.4	1	3	22.63	22.05	0.160
QPSK	1909.3	19193	1.4	1	5	22.58	22.00	0.158
QPSK	1909.3	19193	1.4	3	0	22.72	22.14	0.164
QPSK	1909.3	19193	1.4	3	1	22.68	22.10	0.162
QPSK	1909.3	19193	1.4	3	3	22.74	22.16	0.164
QPSK	1909.3	19193	1.4	6	0	21.72	21.14	0.130