

Fig.3

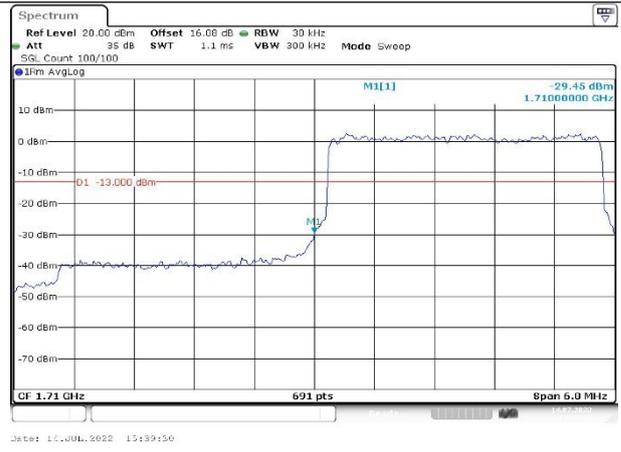


Fig.4



Fig.5



Fig.6

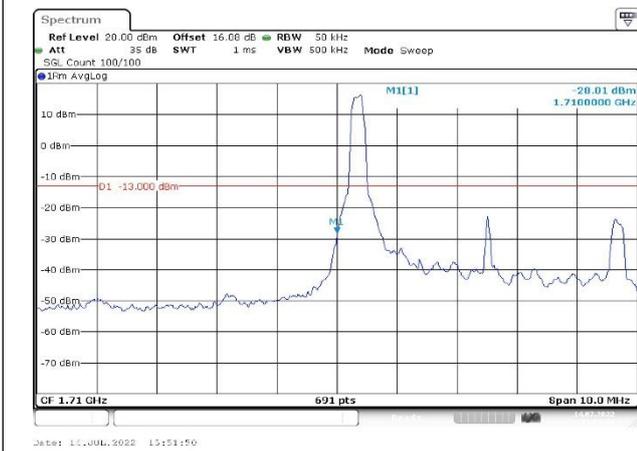


Fig.7

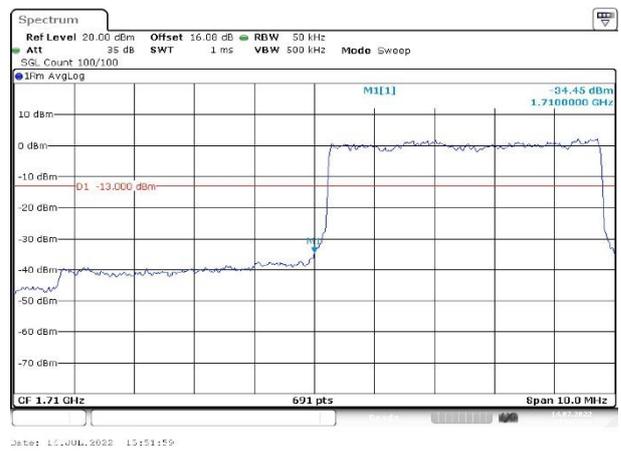
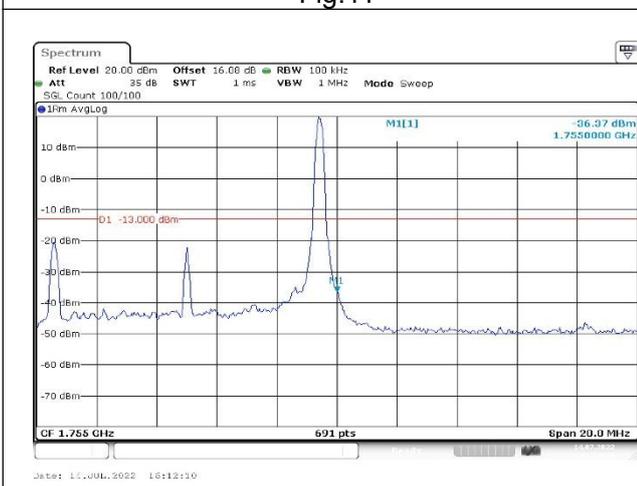
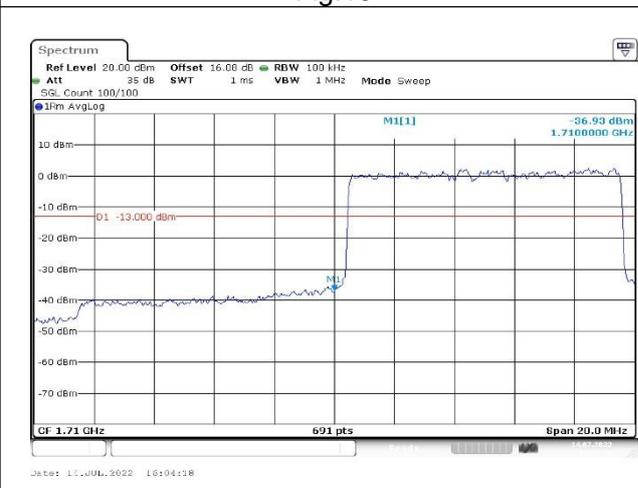
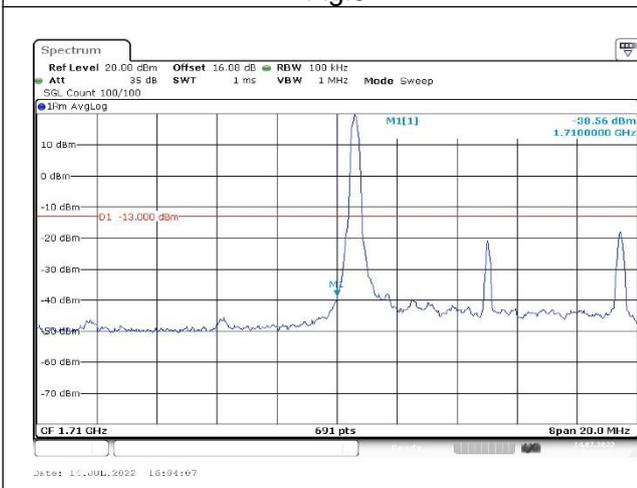
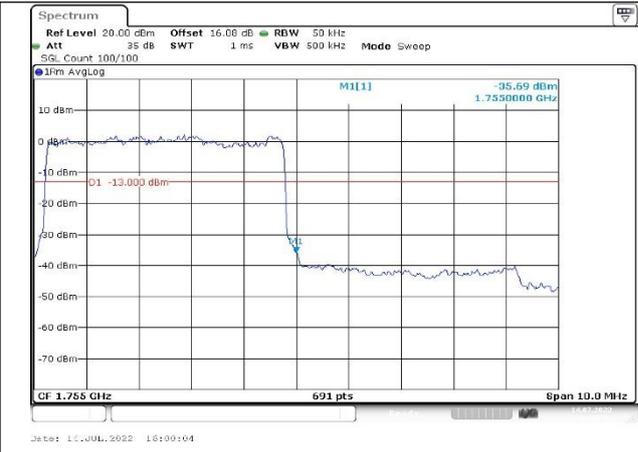
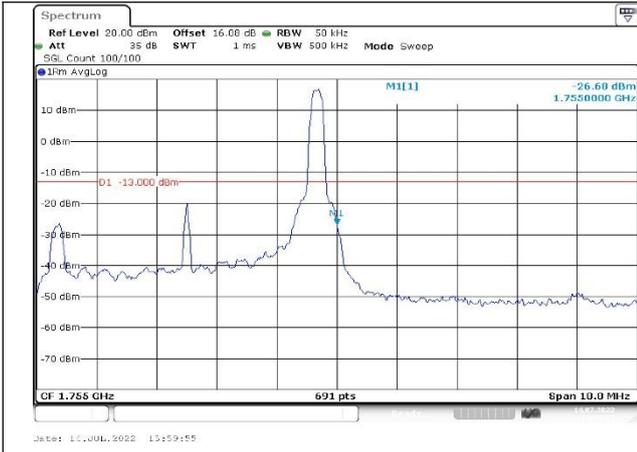


Fig.8



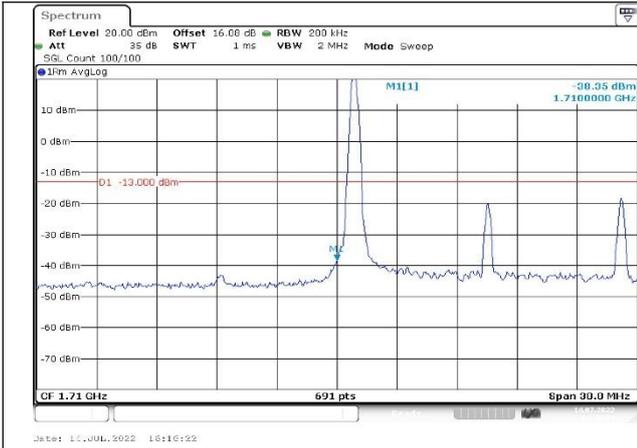


Fig.15

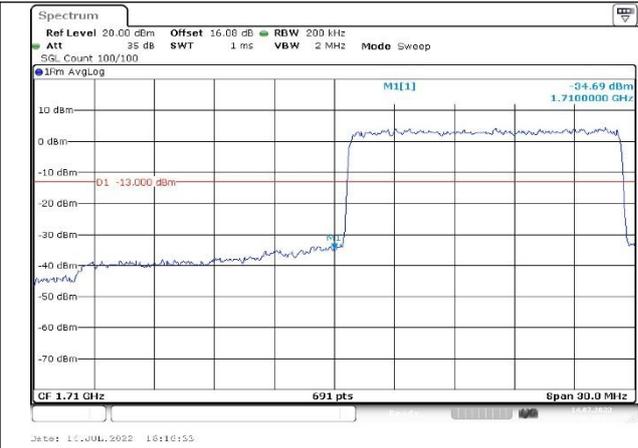


Fig.16

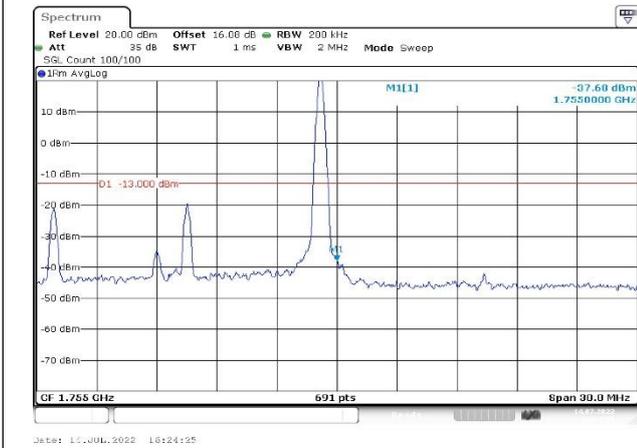


Fig.17



Fig.18

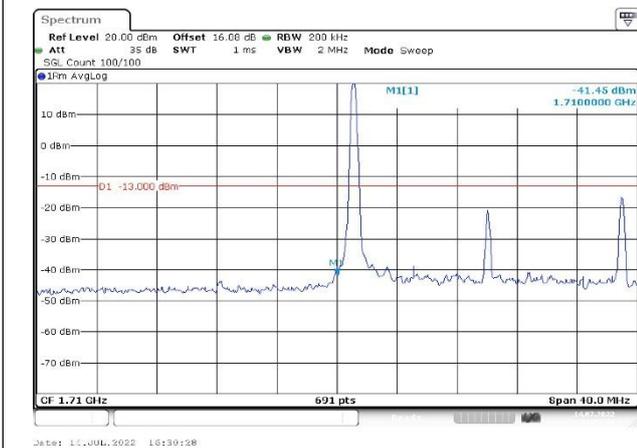


Fig.19

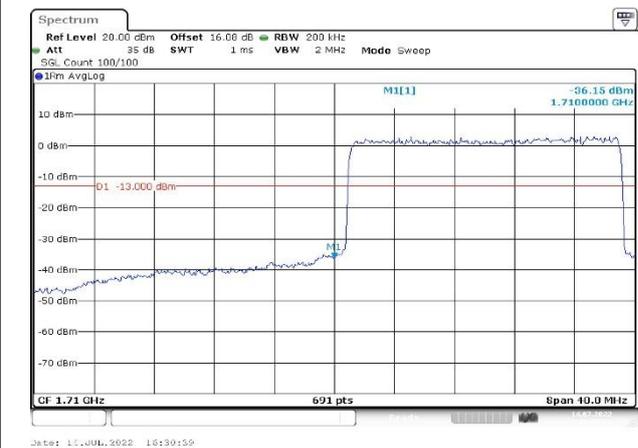


Fig.20

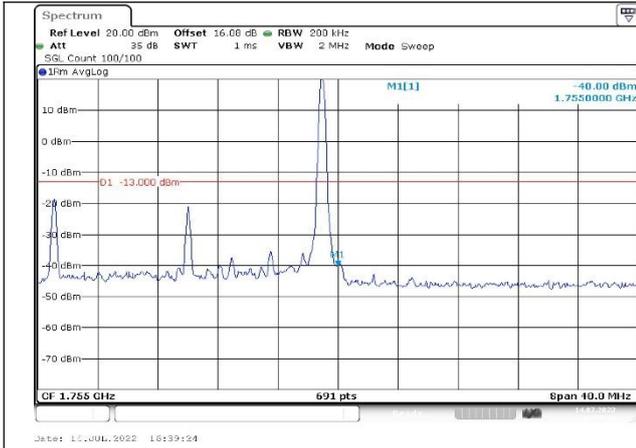


Fig.21

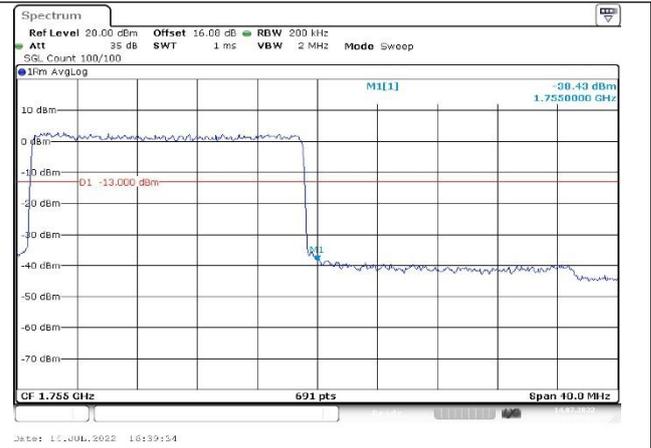


Fig.22

## 7 Frequency Stability

Temperature (°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.002	-0.010	-0.017	-0.002	0.003	0.011
0	NV	-0.018	-0.041	-0.007	0.016	-0.018	-0.001
+10	NV	0.012	-0.023	-0.001	0.007	-0.009	-0.020
+30	NV	-0.015	-0.009	-0.018	-0.023	-0.014	-0.018
+40	NV	-0.022	-0.028	-0.016	-0.013	-0.014	-0.012
+55	NV	-0.029	-0.020	-0.021	0.002	-0.026	-0.022
+20	LV	-0.012	-0.014	-0.020	-0.013	0.013	-0.023
+20	HV	-0.023	-0.026	-0.007	-0.005	-0.016	-0.024

Temperature (°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.018	-0.015	-0.004	-0.001	-0.008	-0.072
0	NV	-0.015	-0.014	-0.003	-0.013	0.008	0.009
+10	NV	0.009	0.017	-0.016	-0.017	-0.003	-0.017
+30	NV	-0.017	-0.020	0.009	0.005	-0.016	-0.016
+40	NV	-0.008	-0.022	-0.025	0.006	-0.020	-0.014
+55	NV	-0.016	-0.010	-0.013	-0.008	-0.014	-0.013
+20	LV	-0.010	-0.009	-0.003	-0.019	0.009	-0.011
+20	HV	-0.017	-0.010	-0.007	-0.021	-0.011	-0.011

### 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	1710.7	19957	1.4	1	0	24.31	22.71	0.187
16QAM	1710.7	19957	1.4	1	3	24.24	22.64	0.184
16QAM	1710.7	19957	1.4	1	5	24.38	22.78	0.190
16QAM	1710.7	19957	1.4	3	0	23.74	22.14	0.164
16QAM	1710.7	19957	1.4	3	1	23.80	22.20	0.166
16QAM	1710.7	19957	1.4	3	3	23.73	22.13	0.163
16QAM	1710.7	19957	1.4	6	0	23.03	21.43	0.139
16QAM	1732.5	20175	1.4	1	0	23.73	22.13	0.163
16QAM	1732.5	20175	1.4	1	3	23.70	22.10	0.162
16QAM	1732.5	20175	1.4	1	5	23.77	22.17	0.165
16QAM	1732.5	20175	1.4	3	0	23.29	21.69	0.148
16QAM	1732.5	20175	1.4	3	1	23.26	21.66	0.147
16QAM	1732.5	20175	1.4	3	3	23.28	21.68	0.147
16QAM	1732.5	20175	1.4	6	0	22.47	20.87	0.122
16QAM	1754.3	20393	1.4	1	0	23.87	22.27	0.169
16QAM	1754.3	20393	1.4	1	3	23.92	22.32	0.171
16QAM	1754.3	20393	1.4	1	5	23.89	22.29	0.169
16QAM	1754.3	20393	1.4	3	0	23.42	21.82	0.152
16QAM	1754.3	20393	1.4	3	1	23.32	21.72	0.149
16QAM	1754.3	20393	1.4	3	3	23.53	21.93	0.156
16QAM	1754.3	20393	1.4	6	0	22.36	20.76	0.119
64QAM	1710.7	19957	1.4	1	0	22.31	20.71	0.118
64QAM	1732.5	20175	1.4	1	0	22.81	21.21	0.132
64QAM	1732.5	20175	1.4	1	3	23.45	21.85	0.153
64QAM	1732.5	20175	1.4	1	5	22.82	21.22	0.132
64QAM	1732.5	20175	1.4	3	0	23.02	21.42	0.139
64QAM	1732.5	20175	1.4	3	1	23.08	21.48	0.141
64QAM	1732.5	20175	1.4	3	3	23.06	21.46	0.140
64QAM	1732.5	20175	1.4	6	0	21.29	19.69	0.093
64QAM	1754.3	20393	1.4	1	0	22.37	20.77	0.119
64QAM	1754.3	20393	1.4	1	3	22.27	20.67	0.117
64QAM	1754.3	20393	1.4	1	5	22.45	20.85	0.122
64QAM	1754.3	20393	1.4	3	0	22.43	20.83	0.121
64QAM	1754.3	20393	1.4	3	1	22.33	20.73	0.118
64QAM	1754.3	20393	1.4	3	3	22.34	20.74	0.119
64QAM	1754.3	20393	1.4	6	0	21.30	19.70	0.093
64QAM	1710.7	19957	1.4	1	3	22.27	20.67	0.117
64QAM	1710.7	19957	1.4	1	5	22.30	20.70	0.117
64QAM	1710.7	19957	1.4	3	0	22.69	21.09	0.129
64QAM	1710.7	19957	1.4	3	1	22.63	21.03	0.127
64QAM	1710.7	19957	1.4	3	3	22.69	21.09	0.129
64QAM	1710.7	19957	1.4	6	0	21.76	20.16	0.104

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1710.7	19957	1.4	1	0	24.19	22.59	0.182
QPSK	1710.7	19957	1.4	1	3	24.19	22.59	0.182
QPSK	1710.7	19957	1.4	1	5	24.17	22.57	0.181
QPSK	1710.7	19957	1.4	3	0	24.20	22.60	0.182
QPSK	1710.7	19957	1.4	3	1	24.11	22.51	0.178
QPSK	1710.7	19957	1.4	3	3	24.15	22.55	0.180
QPSK	1710.7	19957	1.4	6	0	23.52	21.92	0.156
QPSK	1732.5	20175	1.4	1	0	23.81	22.21	0.166
QPSK	1732.5	20175	1.4	1	3	23.85	22.25	0.168
QPSK	1732.5	20175	1.4	1	5	24.02	22.42	0.175
QPSK	1732.5	20175	1.4	3	0	23.86	22.26	0.168
QPSK	1732.5	20175	1.4	3	1	23.90	22.30	0.170
QPSK	1732.5	20175	1.4	3	3	23.82	22.22	0.167
QPSK	1732.5	20175	1.4	6	0	23.38	21.78	0.151
QPSK	1754.3	20393	1.4	1	0	23.94	22.34	0.171
QPSK	1754.3	20393	1.4	1	3	23.78	22.18	0.165
QPSK	1754.3	20393	1.4	1	5	23.75	22.15	0.164
QPSK	1754.3	20393	1.4	3	0	23.73	22.13	0.163
QPSK	1754.3	20393	1.4	3	1	23.65	22.05	0.160
QPSK	1754.3	20393	1.4	3	3	23.67	22.07	0.161
QPSK	1754.3	20393	1.4	6	0	23.20	21.60	0.145

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	19965	3	1	0	23.73	22.13	0.163
16QAM	1711.5	19965	3	1	8	23.69	22.09	0.162
16QAM	1711.5	19965	3	1	14	23.71	22.11	0.163
16QAM	1711.5	19965	3	8	0	22.88	21.28	0.134
16QAM	1711.5	19965	3	8	4	22.81	21.21	0.132
16QAM	1711.5	19965	3	8	7	22.79	21.19	0.132
16QAM	1711.5	19965	3	15	0	22.77	21.17	0.131
16QAM	1732.5	20175	3	1	0	24.07	22.47	0.177
16QAM	1732.5	20175	3	1	8	24.11	22.51	0.178
16QAM	1732.5	20175	3	1	14	24.22	22.62	0.183
16QAM	1732.5	20175	3	8	0	22.51	20.91	0.123
16QAM	1732.5	20175	3	8	4	22.56	20.96	0.125
16QAM	1732.5	20175	3	8	7	22.52	20.92	0.124
16QAM	1732.5	20175	3	15	0	22.71	21.11	0.129
16QAM	1753.5	20385	3	1	0	23.42	21.82	0.152
16QAM	1753.5	20385	3	1	8	23.51	21.91	0.155
16QAM	1753.5	20385	3	1	14	23.52	21.92	0.156
16QAM	1753.5	20385	3	8	0	22.48	20.88	0.122
16QAM	1753.5	20385	3	8	4	22.51	20.91	0.123
16QAM	1753.5	20385	3	8	7	22.49	20.89	0.123
16QAM	1753.5	20385	3	15	0	22.39	20.79	0.120
64QAM	1711.5	19965	3	1	0	23.21	21.61	0.145
64QAM	1711.5	19965	3	1	8	23.36	21.76	0.150
64QAM	1711.5	19965	3	1	14	23.24	21.64	0.146
64QAM	1711.5	19965	3	8	0	21.63	20.03	0.101
64QAM	1711.5	19965	3	8	4	21.69	20.09	0.102
64QAM	1711.5	19965	3	8	7	21.68	20.08	0.102
64QAM	1711.5	19965	3	15	0	21.70	20.10	0.102
64QAM	1732.5	20175	3	1	0	22.08	20.48	0.112
64QAM	1732.5	20175	3	1	8	22.22	20.62	0.115
64QAM	1732.5	20175	3	1	14	22.16	20.56	0.114
64QAM	1732.5	20175	3	8	0	21.66	20.06	0.101
64QAM	1732.5	20175	3	8	4	21.61	20.01	0.100
64QAM	1732.5	20175	3	8	7	21.61	20.01	0.100
64QAM	1732.5	20175	3	15	0	21.59	19.99	0.100
64QAM	1753.5	20385	3	1	0	23.13	21.53	0.142
64QAM	1753.5	20385	3	1	8	23.12	21.52	0.142
64QAM	1753.5	20385	3	1	14	23.05	21.45	0.140
64QAM	1753.5	20385	3	8	0	21.22	19.62	0.092
64QAM	1753.5	20385	3	8	4	21.25	19.65	0.092
64QAM	1753.5	20385	3	8	7	21.20	19.60	0.091
64QAM	1753.5	20385	3	15	0	21.23	19.63	0.092

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	23.95	22.35	0.172
QPSK	1711.5	19965	3	1	8	23.87	22.27	0.169
QPSK	1711.5	19965	3	1	14	24.01	22.41	0.174
QPSK	1711.5	19965	3	8	0	23.54	21.94	0.156
QPSK	1711.5	19965	3	8	4	23.41	21.81	0.152
QPSK	1711.5	19965	3	8	7	23.40	21.80	0.151
QPSK	1711.5	19965	3	15	0	23.57	21.97	0.157
QPSK	1732.5	20175	3	1	0	24.02	22.42	0.175
QPSK	1732.5	20175	3	1	8	23.96	22.36	0.172
QPSK	1732.5	20175	3	1	14	24.00	22.40	0.174
QPSK	1732.5	20175	3	8	0	23.35	21.75	0.150
QPSK	1732.5	20175	3	8	4	23.39	21.79	0.151
QPSK	1732.5	20175	3	8	7	23.35	21.75	0.150
QPSK	1732.5	20175	3	15	0	23.35	21.75	0.150
QPSK	1753.5	20385	3	1	0	24.13	22.53	0.179
QPSK	1753.5	20385	3	1	8	24.12	22.52	0.179
QPSK	1753.5	20385	3	1	14	23.78	22.18	0.165
QPSK	1753.5	20385	3	8	0	23.15	21.55	0.143
QPSK	1753.5	20385	3	8	4	23.18	21.58	0.144
QPSK	1753.5	20385	3	8	7	23.13	21.53	0.142
QPSK	1753.5	20385	3	15	0	23.15	21.55	0.143

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	19975	5	1	0	23.27	21.67	0.147
16QAM	1712.5	19975	5	1	12	23.27	21.67	0.147
16QAM	1712.5	19975	5	1	24	23.18	21.58	0.144
16QAM	1712.5	19975	5	12	0	22.63	21.03	0.127
16QAM	1712.5	19975	5	12	7	22.62	21.02	0.126
16QAM	1712.5	19975	5	12	13	22.63	21.03	0.127
16QAM	1712.5	19975	5	25	0	22.69	21.09	0.129
16QAM	1732.5	20175	5	1	0	24.10	22.50	0.178
16QAM	1732.5	20175	5	1	12	23.95	22.35	0.172
16QAM	1732.5	20175	5	1	24	23.97	22.37	0.173
16QAM	1732.5	20175	5	12	0	22.47	20.87	0.122
16QAM	1732.5	20175	5	12	7	22.27	20.67	0.117
16QAM	1732.5	20175	5	12	13	22.22	20.62	0.115
16QAM	1732.5	20175	5	25	0	22.48	20.88	0.122
16QAM	1752.5	20375	5	1	0	23.07	21.47	0.140
16QAM	1752.5	20375	5	1	12	22.97	21.37	0.137
16QAM	1752.5	20375	5	1	24	23.12	21.52	0.142
16QAM	1752.5	20375	5	12	0	22.18	20.58	0.114
16QAM	1752.5	20375	5	12	7	22.20	20.60	0.115
16QAM	1752.5	20375	5	12	13	22.28	20.68	0.117
16QAM	1752.5	20375	5	25	0	22.30	20.70	0.117
64QAM	1712.5	19975	5	1	0	22.24	20.64	0.116
64QAM	1712.5	19975	5	1	12	22.29	20.69	0.117
64QAM	1712.5	19975	5	1	24	22.23	20.63	0.116
64QAM	1712.5	19975	5	12	0	21.67	20.07	0.102
64QAM	1712.5	19975	5	12	7	21.63	20.03	0.101
64QAM	1712.5	19975	5	12	13	21.70	20.10	0.102
64QAM	1712.5	19975	5	25	0	21.65	20.05	0.101
64QAM	1732.5	20175	5	1	0	22.64	21.04	0.127
64QAM	1732.5	20175	5	1	12	22.59	20.99	0.126
64QAM	1732.5	20175	5	1	24	22.60	21.00	0.126
64QAM	1732.5	20175	5	12	0	21.34	19.74	0.094
64QAM	1732.5	20175	5	12	7	21.38	19.78	0.095
64QAM	1732.5	20175	5	12	13	21.36	19.76	0.095
64QAM	1732.5	20175	5	25	0	21.51	19.91	0.098
64QAM	1752.5	20375	5	1	0	22.31	20.71	0.118
64QAM	1752.5	20375	5	1	12	22.41	20.81	0.121
64QAM	1752.5	20375	5	1	24	22.43	20.83	0.121
64QAM	1752.5	20375	5	12	0	21.14	19.54	0.090
64QAM	1752.5	20375	5	12	7	21.15	19.55	0.090
64QAM	1752.5	20375	5	12	13	21.26	19.66	0.092
64QAM	1752.5	20375	5	25	0	21.40	19.80	0.095

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	24.12	22.52	0.179
QPSK	1712.5	19975	5	1	12	24.05	22.45	0.176
QPSK	1712.5	19975	5	1	24	23.91	22.31	0.170
QPSK	1712.5	19975	5	12	0	23.50	21.90	0.155
QPSK	1712.5	19975	5	12	7	23.57	21.97	0.157
QPSK	1712.5	19975	5	12	13	23.50	21.90	0.155
QPSK	1712.5	19975	5	25	0	23.45	21.85	0.153
QPSK	1732.5	20175	5	1	0	23.75	22.15	0.164
QPSK	1732.5	20175	5	1	12	23.81	22.21	0.166
QPSK	1732.5	20175	5	1	24	23.80	22.20	0.166
QPSK	1732.5	20175	5	12	0	23.45	21.85	0.153
QPSK	1732.5	20175	5	12	7	23.30	21.70	0.148
QPSK	1732.5	20175	5	12	13	23.44	21.84	0.153
QPSK	1732.5	20175	5	25	0	23.45	21.85	0.153
QPSK	1752.5	20375	5	1	0	23.92	22.32	0.171
QPSK	1752.5	20375	5	1	12	23.93	22.33	0.171
QPSK	1752.5	20375	5	1	24	23.94	22.34	0.171
QPSK	1752.5	20375	5	12	0	23.17	21.57	0.144
QPSK	1752.5	20375	5	12	7	23.29	21.69	0.148
QPSK	1752.5	20375	5	12	13	23.12	21.52	0.142
QPSK	1752.5	20375	5	25	0	23.15	21.55	0.143

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	23.75	22.15	0.164
16QAM	1715	20000	10	1	25	23.66	22.06	0.161
16QAM	1715	20000	10	1	49	23.55	21.95	0.157
16QAM	1715	20000	10	25	0	22.66	21.06	0.128
16QAM	1715	20000	10	25	12	22.65	21.05	0.127
16QAM	1715	20000	10	25	25	22.57	20.97	0.125
16QAM	1715	20000	10	50	0	22.60	21.00	0.126
16QAM	1732.5	20175	10	1	0	24.14	22.54	0.179
16QAM	1732.5	20175	10	1	25	24.07	22.47	0.177
16QAM	1732.5	20175	10	1	49	23.99	22.39	0.173
16QAM	1732.5	20175	10	25	0	22.49	20.89	0.123
16QAM	1732.5	20175	10	25	12	22.58	20.98	0.125
16QAM	1732.5	20175	10	25	25	22.41	20.81	0.121
16QAM	1732.5	20175	10	50	0	22.60	21.00	0.126
16QAM	1750	20350	10	1	0	23.04	21.44	0.139
16QAM	1750	20350	10	1	25	23.61	22.01	0.159
16QAM	1750	20350	10	1	49	23.49	21.89	0.155
16QAM	1750	20350	10	25	0	22.39	20.79	0.120
16QAM	1750	20350	10	25	12	22.51	20.91	0.123
16QAM	1750	20350	10	25	25	22.54	20.94	0.124
16QAM	1750	20350	10	50	0	22.38	20.78	0.120
64QAM	1715	20000	10	1	0	23.24	21.64	0.146
64QAM	1715	20000	10	1	25	23.15	21.55	0.143
64QAM	1715	20000	10	1	49	23.08	21.48	0.141
64QAM	1715	20000	10	25	0	21.69	20.09	0.102
64QAM	1715	20000	10	25	12	21.59	19.99	0.100
64QAM	1715	20000	10	25	25	21.48	19.88	0.097
64QAM	1715	20000	10	50	0	21.79	20.19	0.104
64QAM	1732.5	20175	10	1	0	22.07	20.47	0.111
64QAM	1732.5	20175	10	1	25	22.11	20.51	0.112
64QAM	1732.5	20175	10	1	49	22.05	20.45	0.111
64QAM	1732.5	20175	10	25	0	21.65	20.05	0.101
64QAM	1732.5	20175	10	25	12	21.62	20.02	0.100
64QAM	1732.5	20175	10	25	25	21.60	20.00	0.100
64QAM	1732.5	20175	10	50	0	21.52	19.92	0.098
64QAM	1750	20350	10	1	0	22.65	21.05	0.127
64QAM	1750	20350	10	1	25	22.80	21.20	0.132
64QAM	1750	20350	10	1	49	22.75	21.15	0.130
64QAM	1750	20350	10	25	0	21.18	19.58	0.091
64QAM	1750	20350	10	25	12	21.33	19.73	0.094
64QAM	1750	20350	10	25	25	21.35	19.75	0.094
64QAM	1750	20350	10	50	0	21.31	19.71	0.094

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	24.03	22.43	0.175
QPSK	1715	20000	10	1	25	23.95	22.35	0.172
QPSK	1715	20000	10	1	49	23.91	22.31	0.170
QPSK	1715	20000	10	25	0	23.50	21.90	0.155
QPSK	1715	20000	10	25	12	23.45	21.85	0.153
QPSK	1715	20000	10	25	25	23.39	21.79	0.151
QPSK	1715	20000	10	50	0	23.56	21.96	0.157
QPSK	1732.5	20175	10	1	0	24.07	22.47	0.177
QPSK	1732.5	20175	10	1	25	24.08	22.48	0.177
QPSK	1732.5	20175	10	1	49	23.95	22.35	0.172
QPSK	1732.5	20175	10	25	0	23.35	21.75	0.150
QPSK	1732.5	20175	10	25	12	23.44	21.84	0.153
QPSK	1732.5	20175	10	25	25	23.38	21.78	0.151
QPSK	1732.5	20175	10	50	0	23.47	21.87	0.154
QPSK	1750	20350	10	1	0	23.40	21.80	0.151
QPSK	1750	20350	10	1	25	23.57	21.97	0.157
QPSK	1750	20350	10	1	49	23.57	21.97	0.157
QPSK	1750	20350	10	25	0	23.13	21.53	0.142
QPSK	1750	20350	10	25	12	23.15	21.55	0.143
QPSK	1750	20350	10	25	25	23.17	21.57	0.144
QPSK	1750	20350	10	50	0	23.22	21.62	0.145

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	24.52	22.92	0.196
16QAM	1717.5	20025	15	1	37	24.36	22.76	0.189
16QAM	1717.5	20025	15	1	74	24.36	22.76	0.189
16QAM	1717.5	20025	15	36	0	22.63	21.03	0.127
16QAM	1717.5	20025	15	36	29	22.54	20.94	0.124
16QAM	1717.5	20025	15	36	30	22.41	20.81	0.121
16QAM	1717.5	20025	15	75	0	22.57	20.97	0.125
16QAM	1732.5	20175	15	1	0	23.79	22.19	0.166
16QAM	1732.5	20175	15	1	37	23.76	22.16	0.164
16QAM	1732.5	20175	15	1	74	23.63	22.03	0.160
16QAM	1732.5	20175	15	36	0	22.55	20.95	0.124
16QAM	1732.5	20175	15	36	29	22.51	20.91	0.123
16QAM	1732.5	20175	15	36	30	22.51	20.91	0.123
16QAM	1732.5	20175	15	75	0	22.56	20.96	0.125
16QAM	1747.5	20325	15	1	0	23.54	21.94	0.156
16QAM	1747.5	20325	15	1	37	23.60	22.00	0.158
16QAM	1747.5	20325	15	1	74	23.60	22.00	0.158
16QAM	1747.5	20325	15	36	0	22.12	20.52	0.113
16QAM	1747.5	20325	15	36	29	22.30	20.70	0.117
16QAM	1747.5	20325	15	36	30	22.30	20.70	0.117
16QAM	1747.5	20325	15	75	0	22.22	20.62	0.115
64QAM	1717.5	20025	15	1	0	23.17	21.57	0.144
64QAM	1717.5	20025	15	1	37	23.13	21.53	0.142
64QAM	1717.5	20025	15	1	74	23.15	21.55	0.143
64QAM	1717.5	20025	15	36	0	21.64	20.04	0.101
64QAM	1717.5	20025	15	36	29	21.43	19.83	0.096
64QAM	1717.5	20025	15	36	30	21.45	19.85	0.097
64QAM	1717.5	20025	15	75	0	21.51	19.91	0.098
64QAM	1732.5	20175	15	1	0	22.03	20.43	0.110
64QAM	1732.5	20175	15	1	37	22.06	20.46	0.111
64QAM	1732.5	20175	15	1	74	21.88	20.28	0.107
64QAM	1732.5	20175	15	36	0	21.59	19.99	0.100
64QAM	1732.5	20175	15	36	29	21.57	19.97	0.099
64QAM	1732.5	20175	15	36	30	21.45	19.85	0.097
64QAM	1732.5	20175	15	75	0	21.55	19.95	0.099
64QAM	1747.5	20325	15	1	0	23.25	21.65	0.146
64QAM	1747.5	20325	15	1	37	23.19	21.59	0.144
64QAM	1747.5	20325	15	1	74	23.21	21.61	0.145
64QAM	1747.5	20325	15	36	0	21.17	19.57	0.091
64QAM	1747.5	20325	15	36	29	21.30	19.70	0.093
64QAM	1747.5	20325	15	36	30	21.31	19.71	0.094
64QAM	1747.5	20325	15	75	0	21.30	19.70	0.093

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	24.01	22.41	0.174
QPSK	1717.5	20025	15	1	37	23.87	22.27	0.169
QPSK	1717.5	20025	15	1	74	23.78	22.18	0.165
QPSK	1717.5	20025	15	36	0	23.41	21.81	0.152
QPSK	1717.5	20025	15	36	29	23.41	21.81	0.152
QPSK	1717.5	20025	15	36	30	23.23	21.63	0.146
QPSK	1717.5	20025	15	75	0	23.33	21.73	0.149
QPSK	1732.5	20175	15	1	0	24.07	22.47	0.177
QPSK	1732.5	20175	15	1	37	23.83	22.23	0.167
QPSK	1732.5	20175	15	1	74	23.74	22.14	0.164
QPSK	1732.5	20175	15	36	0	23.34	21.74	0.149
QPSK	1732.5	20175	15	36	29	23.34	21.74	0.149
QPSK	1732.5	20175	15	36	30	23.22	21.62	0.145
QPSK	1732.5	20175	15	75	0	23.33	21.73	0.149
QPSK	1747.5	20325	15	1	0	23.43	21.83	0.152
QPSK	1747.5	20325	15	1	37	23.44	21.84	0.153
QPSK	1747.5	20325	15	1	74	23.52	21.92	0.156
QPSK	1747.5	20325	15	36	0	23.06	21.46	0.140
QPSK	1747.5	20325	15	36	29	23.30	21.70	0.148
QPSK	1747.5	20325	15	36	30	23.30	21.70	0.148
QPSK	1747.5	20325	15	75	0	23.05	21.45	0.140

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	20050	20	1	0	23.57	21.97	0.157
16QAM	1720	20050	20	1	49	23.33	21.73	0.149
16QAM	1720	20050	20	1	99	23.42	21.82	0.152
16QAM	1720	20050	20	50	0	22.55	20.95	0.124
16QAM	1720	20050	20	50	24	22.51	20.91	0.123
16QAM	1720	20050	20	50	50	22.56	20.96	0.125
16QAM	1720	20050	20	100	0	22.37	20.77	0.119
16QAM	1732.5	20175	20	1	0	23.50	21.90	0.155
16QAM	1732.5	20175	20	1	49	23.44	21.84	0.153
16QAM	1732.5	20175	20	1	99	23.37	21.77	0.150
16QAM	1732.5	20175	20	50	0	22.59	20.99	0.126
16QAM	1732.5	20175	20	50	24	22.55	20.95	0.124
16QAM	1732.5	20175	20	50	50	22.43	20.83	0.121
16QAM	1732.5	20175	20	100	0	22.45	20.85	0.122
16QAM	1745	20300	20	1	0	23.89	22.29	0.169
16QAM	1745	20300	20	1	49	23.65	22.05	0.160
16QAM	1745	20300	20	1	99	23.91	22.31	0.170
16QAM	1745	20300	20	50	0	22.24	20.64	0.116
16QAM	1745	20300	20	50	24	22.12	20.52	0.113
16QAM	1745	20300	20	50	50	22.37	20.77	0.119
16QAM	1745	20300	20	100	0	22.24	20.64	0.116
64QAM	1720	20050	20	1	0	22.63	21.03	0.127
64QAM	1720	20050	20	1	49	23.49	21.89	0.155
64QAM	1720	20050	20	1	99	23.63	22.03	0.160
64QAM	1720	20050	20	50	0	21.68	20.08	0.102
64QAM	1720	20050	20	50	24	21.57	19.97	0.099
64QAM	1720	20050	20	50	50	21.67	20.07	0.102
64QAM	1720	20050	20	100	0	21.46	19.86	0.097
64QAM	1732.5	20175	20	1	0	23.13	21.53	0.142
64QAM	1732.5	20175	20	1	49	23.05	21.45	0.140
64QAM	1732.5	20175	20	1	99	23.02	21.42	0.139
64QAM	1732.5	20175	20	50	0	21.42	19.82	0.096
64QAM	1732.5	20175	20	50	24	21.47	19.87	0.097
64QAM	1732.5	20175	20	50	50	21.39	19.79	0.095
64QAM	1732.5	20175	20	100	0	21.56	19.96	0.099
64QAM	1745	20300	20	1	0	23.09	21.49	0.141
64QAM	1745	20300	20	1	49	22.83	21.23	0.133
64QAM	1745	20300	20	1	99	22.97	21.37	0.137
64QAM	1745	20300	20	50	0	21.29	19.69	0.093
64QAM	1745	20300	20	50	24	21.22	19.62	0.092
64QAM	1745	20300	20	50	50	21.34	19.74	0.094
64QAM	1745	20300	20	100	0	21.17	19.57	0.091

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	23.78	22.18	0.165
QPSK	1720	20050	20	1	49	23.56	21.96	0.157
QPSK	1720	20050	20	1	99	23.71	22.11	0.163
QPSK	1720	20050	20	50	0	23.46	21.86	0.153
QPSK	1720	20050	20	50	24	23.20	21.60	0.145
QPSK	1720	20050	20	50	50	23.35	21.75	0.150
QPSK	1720	20050	20	100	0	23.28	21.68	0.147
QPSK	1732.5	20175	20	1	0	23.88	22.28	0.169
QPSK	1732.5	20175	20	1	49	23.83	22.23	0.167
QPSK	1732.5	20175	20	1	99	23.65	22.05	0.160
QPSK	1732.5	20175	20	50	0	23.39	21.79	0.151
QPSK	1732.5	20175	20	50	24	23.31	21.71	0.148
QPSK	1732.5	20175	20	50	50	23.33	21.73	0.149
QPSK	1732.5	20175	20	100	0	23.34	21.74	0.149
QPSK	1745	20300	20	1	0	23.42	21.82	0.152
QPSK	1745	20300	20	1	49	23.26	21.66	0.147
QPSK	1745	20300	20	1	99	23.39	21.79	0.151
QPSK	1745	20300	20	50	0	23.09	21.49	0.141
QPSK	1745	20300	20	50	24	23.12	21.52	0.142
QPSK	1745	20300	20	50	50	23.16	21.56	0.143
QPSK	1745	20300	20	100	0	23.07	21.47	0.140