Test Mode: QPSK

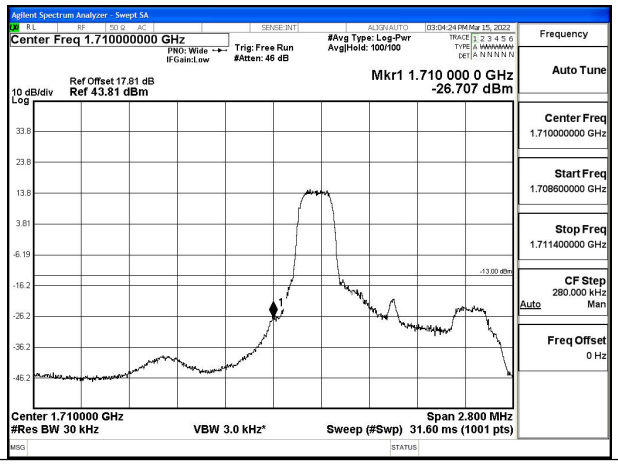

Fig.1

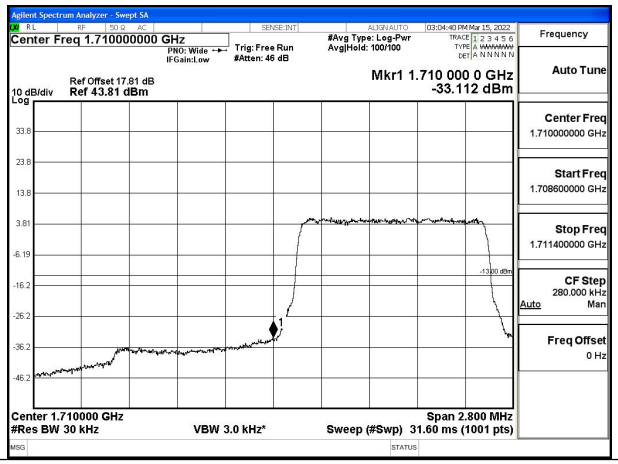

Fig.2

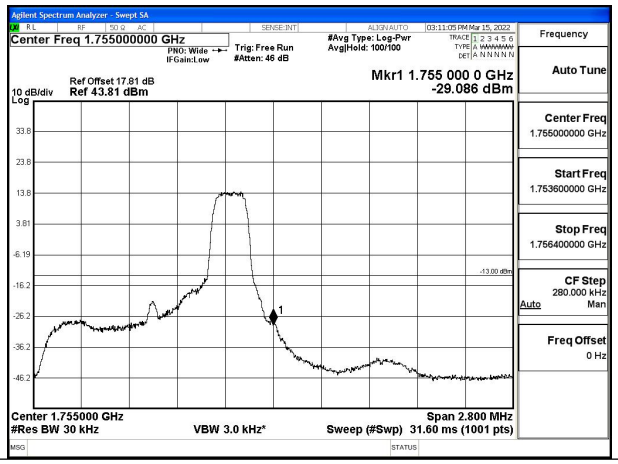

Fig.3

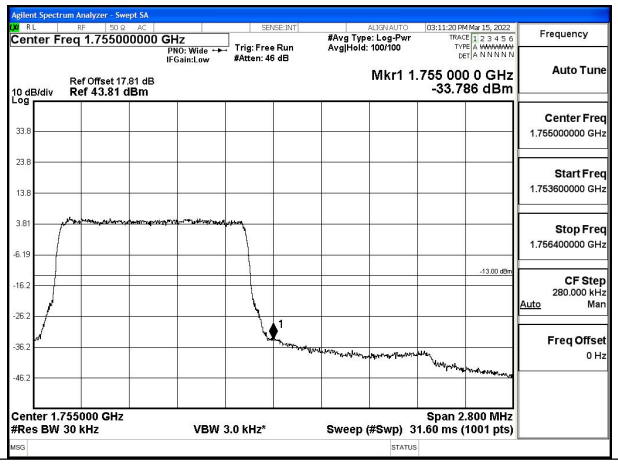

Fig.4

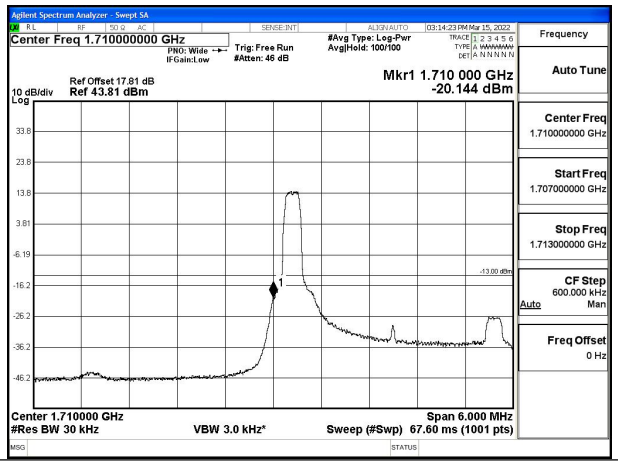

Fig.5

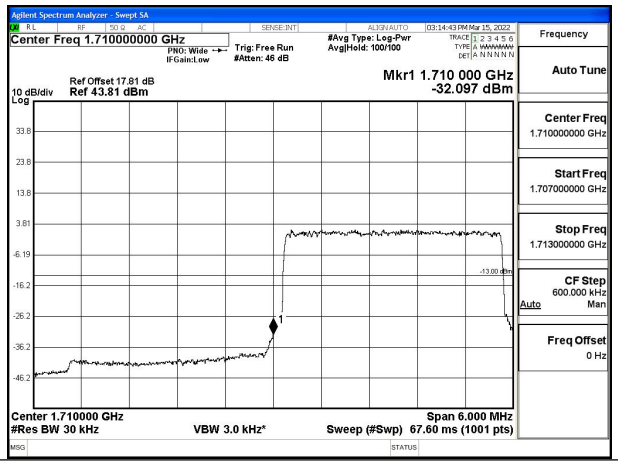

Fig.6

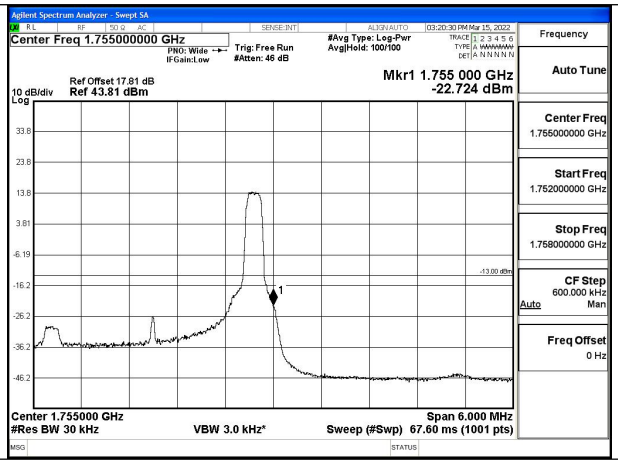

Fig.7

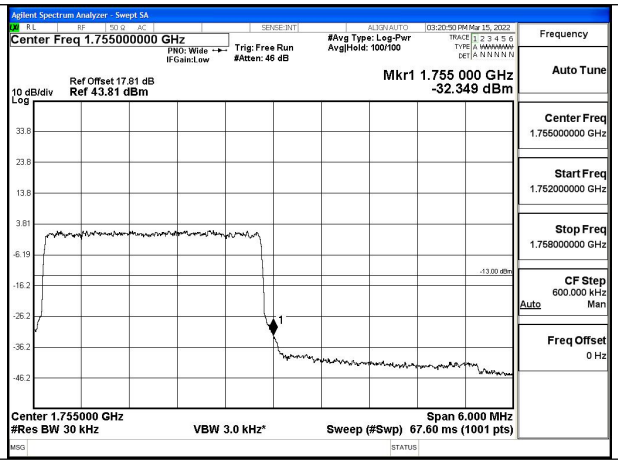

Fig.8

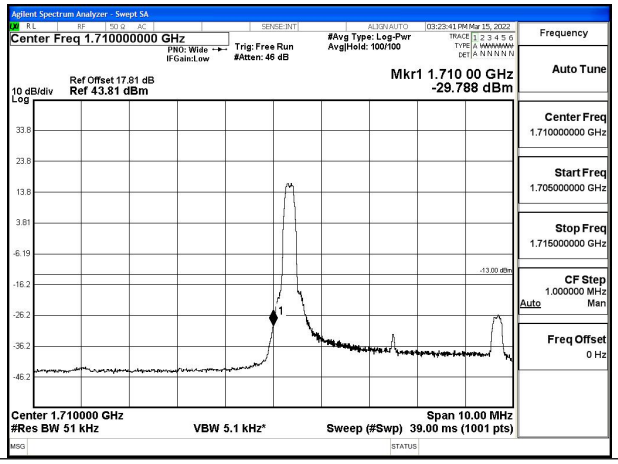

Fig.9

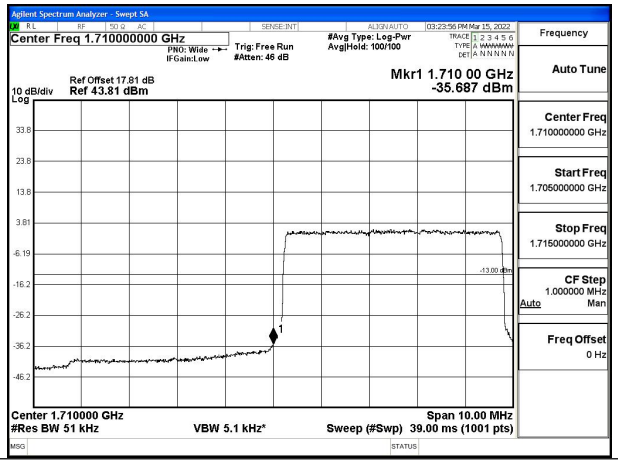

Fig.10

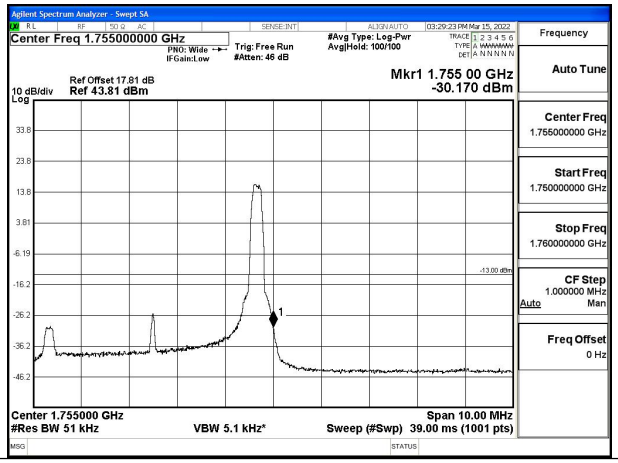

Fig.11

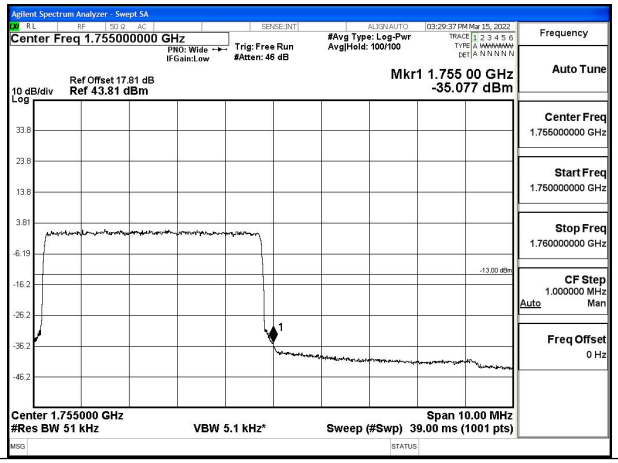

Fig.12

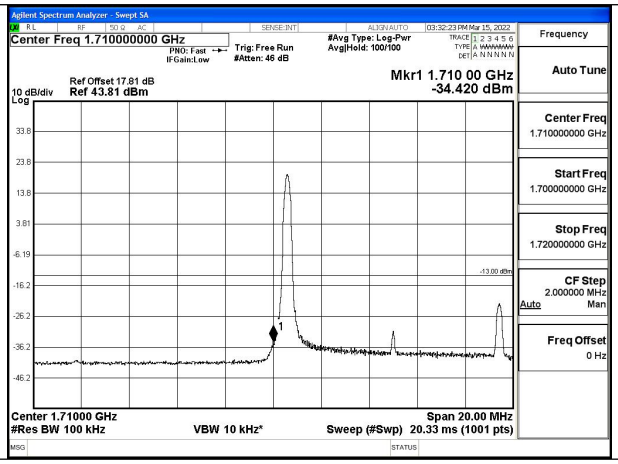

Fig.13

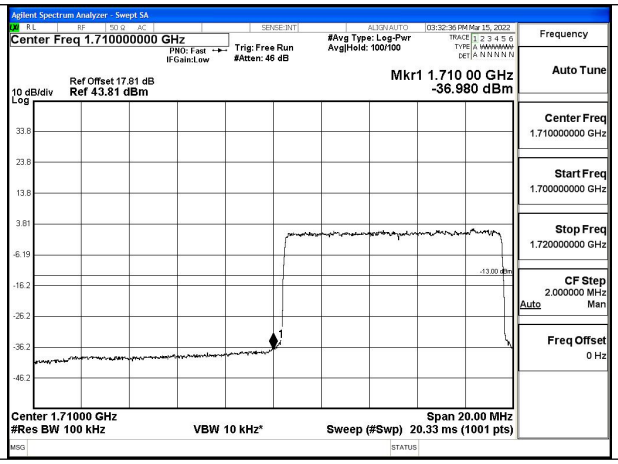

Fig.14

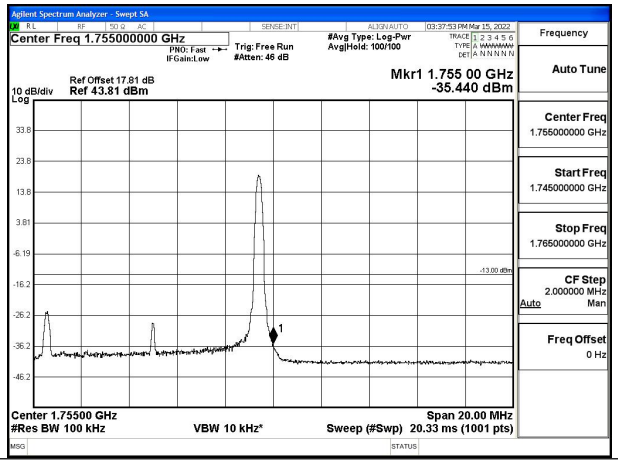

Fig.15

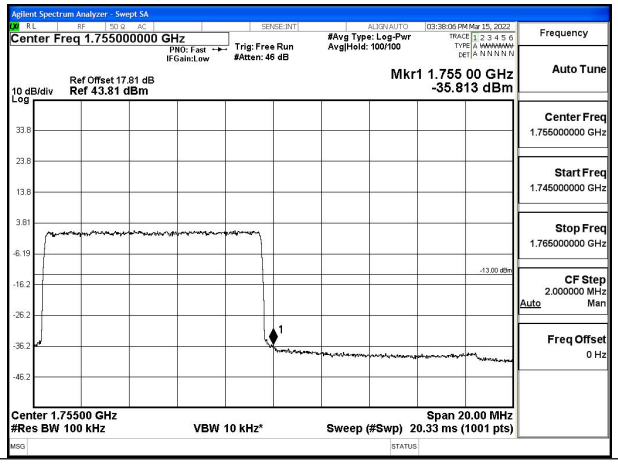

Fig.16

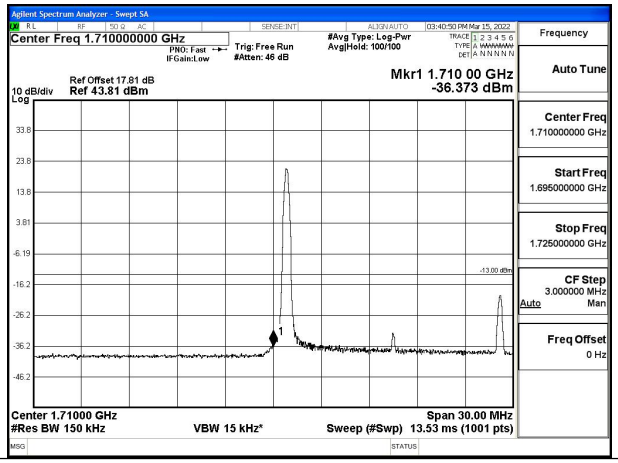

Fig.17

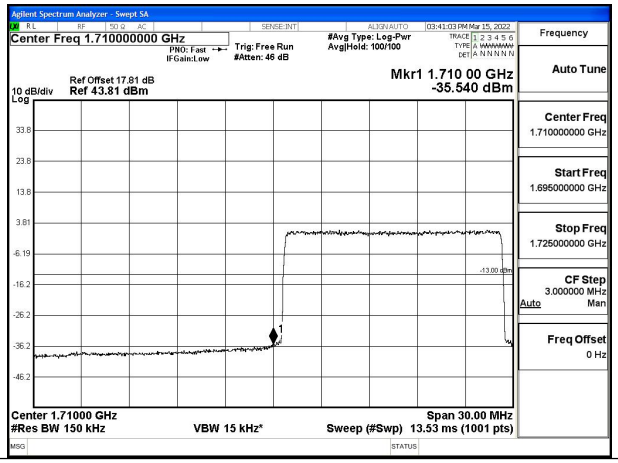

Fig.18

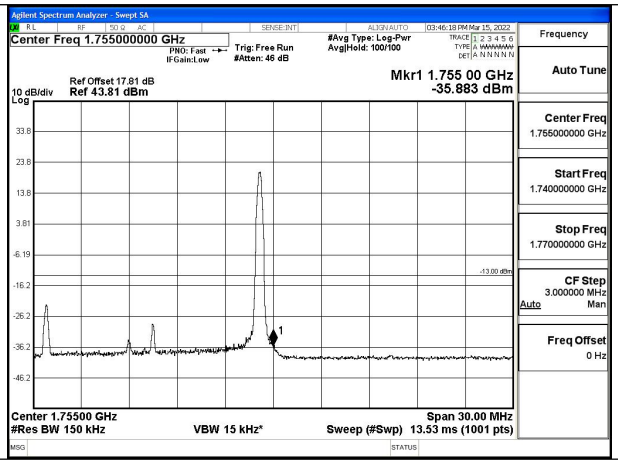

Fig.19

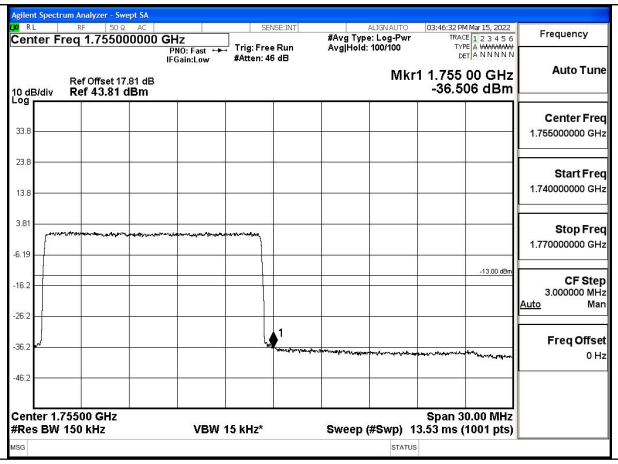

Fig.20

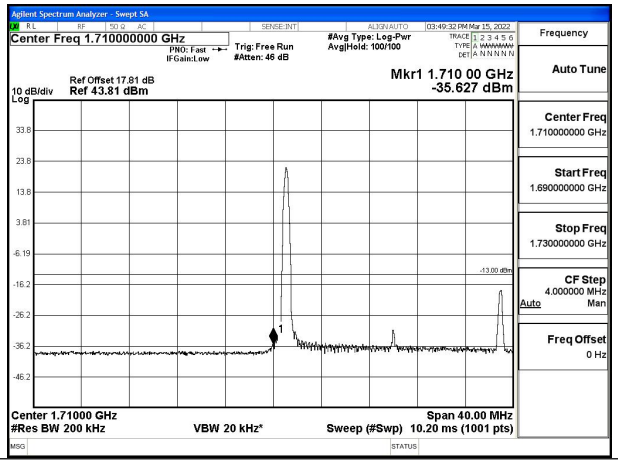

Fig.21

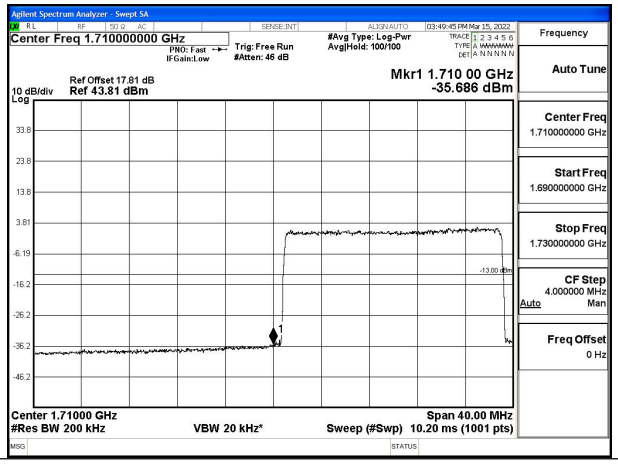

Fig.22

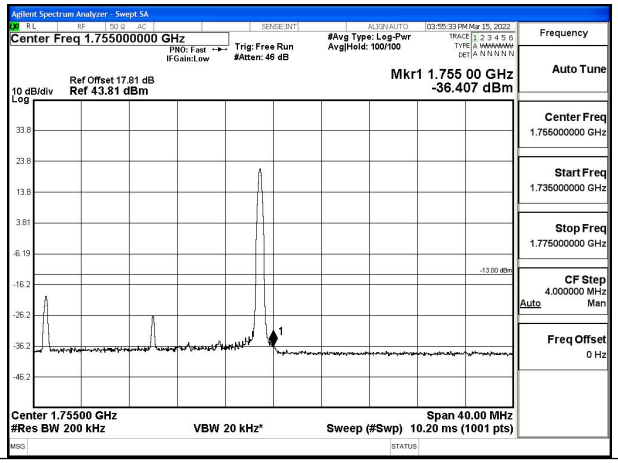

Fig.23

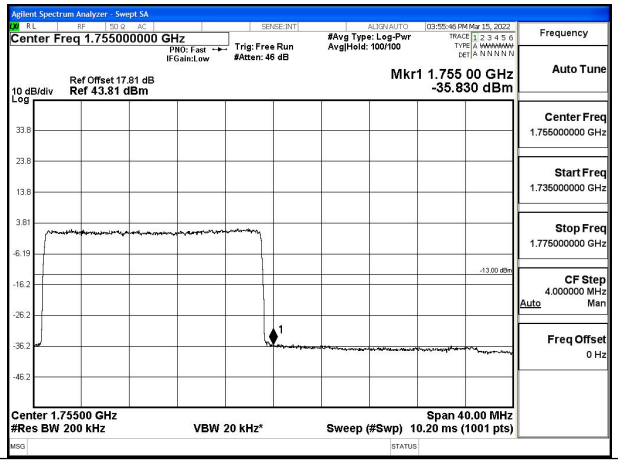

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.025	0.020	0.012	0.003	-0.007	0.018
0	NV	0.012	-0.002	0.013	-0.004	-0.003	0.012
+10	NV	-0.014	-0.021	-0.015	-0.018	-0.023	-0.016
+20	NV	-0.028	-0.019	-0.012	-0.012	-0.024	-0.015
+30	NV	-0.018	-0.025	-0.020	-0.012	-0.018	-0.015
+40	NV	-0.023	-0.017	-0.025	-0.005	-0.016	-0.024
+50	NV	-0.008	-0.010	-0.016	-0.015	-0.007	-0.012
+20	LV	0.006	0.015	0.014	0.007	0.016	0.015
+20	HV	0.016	0.012	0.017	-0.006	-0.012	0.016

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.024	0.016	0.005	-0.006	-0.004	0.006
0	NV	0.012	0.014	0.006	-0.008	-0.007	0.021
+10	NV	-0.019	-0.020	-0.022	-0.026	-0.020	-0.015
+20	NV	-0.014	-0.025	-0.007	-0.024	-0.016	-0.017
+30	NV	-0.019	-0.018	-0.013	-0.008	-0.025	-0.017
+40	NV	-0.022	-0.012	-0.028	-0.017	-0.012	-0.026
+50	NV	-0.019	-0.003	-0.017	-0.019	-0.010	-0.023
+20	LV	-0.018	0.022	-0.011	-0.020	-0.006	-0.008
+20	HV	0.017	0.004	0.018	0.025	0.007	0.018

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	1710.7	19957	1.4	1	0	23.44	23.53	0.225
QPSK	1710.7	19957	1.4	1	3	23.69	23.78	0.239
QPSK	1710.7	19957	1.4	1	5	23.57	23.66	0.232
QPSK	1710.7	19957	1.4	3	0	23.74	23.83	0.242
QPSK	1710.7	19957	1.4	3	1	23.83	23.92	0.247
QPSK	1710.7	19957	1.4	3	3	23.72	23.81	0.240
QPSK	1710.7	19957	1.4	6	0	22.87	22.96	0.198
QPSK	1732.5	20175	1.4	1	0	23.42	23.51	0.224
QPSK	1732.5	20175	1.4	1	3	23.44	23.53	0.225
QPSK	1732.5	20175	1.4	1	5	23.47	23.56	0.227
QPSK	1732.5	20175	1.4	3	0	23.56	23.65	0.232
QPSK	1732.5	20175	1.4	3	1	23.54	23.63	0.231
QPSK	1732.5	20175	1.4	3	3	23.48	23.57	0.228
QPSK	1732.5	20175	1.4	6	0	22.40	22.49	0.177
QPSK	1754.3	20393	1.4	1	0	23.58	23.67	0.233
QPSK	1754.3	20393	1.4	1	3	23.52	23.61	0.230
QPSK	1754.3	20393	1.4	1	5	23.52	23.61	0.230
QPSK	1754.3	20393	1.4	3	0	23.56	23.65	0.232
QPSK	1754.3	20393	1.4	3	1	23.53	23.62	0.230
QPSK	1754.3	20393	1.4	3	3	23.41	23.50	0.224
QPSK	1754.3	20393	1.4	6	0	22.53	22.62	0.183

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	19957	1.4	1	0	23.17	23.26	0.212
16QAM	1710.7	19957	1.4	1	3	23.11	23.20	0.209
16QAM	1710.7	19957	1.4	1	5	23.00	23.09	0.204
16QAM	1710.7	19957	1.4	3	0	22.98	23.07	0.203
16QAM	1710.7	19957	1.4	3	1	22.92	23.01	0.200
16QAM	1710.7	19957	1.4	3	3	22.99	23.08	0.203
16QAM	1710.7	19957	1.4	6	0	21.67	21.76	0.150
16QAM	1732.5	20175	1.4	1	0	23.14	23.23	0.210
16QAM	1732.5	20175	1.4	1	3	22.98	23.07	0.203
16QAM	1732.5	20175	1.4	1	5	23.10	23.19	0.208
16QAM	1732.5	20175	1.4	3	0	22.93	23.02	0.200
16QAM	1732.5	20175	1.4	3	1	22.84	22.93	0.196
16QAM	1732.5	20175	1.4	3	3	22.80	22.89	0.195
16QAM	1732.5	20175	1.4	6	0	21.23	21.32	0.136
16QAM	1754.3	20393	1.4	1	0	23.46	23.55	0.226
16QAM	1754.3	20393	1.4	1	3	23.38	23.47	0.222
16QAM	1754.3	20393	1.4	1	5	22.75	22.84	0.192
16QAM	1754.3	20393	1.4	3	0	22.70	22.79	0.190
16QAM	1754.3	20393	1.4	3	1	22.74	22.83	0.192
16QAM	1754.3	20393	1.4	3	3	22.72	22.81	0.191
16QAM	1754.3	20393	1.4	6	0	21.21	21.30	0.135
64QAM	1710.7	19957	1.4	1	0	22.11	22.20	0.166
64QAM	1710.7	19957	1.4	1	3	22.03	22.12	0.163
64QAM	1710.7	19957	1.4	1	5	21.59	21.68	0.147
64QAM	1710.7	19957	1.4	3	0	21.73	21.82	0.152
64QAM	1710.7	19957	1.4	3	1	21.55	21.64	0.146
64QAM	1710.7	19957	1.4	3	3	21.63	21.72	0.149
64QAM	1710.7	19957	1.4	6	0	20.73	20.82	0.121
64QAM	1732.5	20175	1.4	1	0	21.78	21.87	0.154
64QAM	1732.5	20175	1.4	1	3	21.71	21.80	0.151
64QAM	1732.5	20175	1.4	1	5	21.35	21.44	0.139
64QAM	1732.5	20175	1.4	3	0	21.40	21.49	0.141
64QAM	1732.5	20175	1.4	3	1	21.43	21.52	0.142
64QAM	1732.5	20175	1.4	3	3	21.55	21.64	0.146
64QAM	1732.5	20175	1.4	6	0	20.46	20.55	0.114
64QAM	1754.3	20393	1.4	1	0	21.78	21.87	0.154
64QAM	1754.3	20393	1.4	1	3	21.81	21.90	0.155
64QAM	1754.3	20393	1.4	1	5	21.97	22.06	0.161
64QAM	1754.3	20393	1.4	3	0	21.01	21.10	0.129
64QAM	1754.3	20393	1.4	3	1	21.54	21.63	0.146
64QAM	1754.3	20393	1.4	3	3	21.16	21.25	0.133
64QAM	1754.3	20393	1.4	6	0	20.68	20.77	0.119

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	23.92	24.01	0.252
QPSK	1711.5	19965	3	1	8	24.00	24.09	0.256
QPSK	1711.5	19965	3	1	14	23.97	24.06	0.255
QPSK	1711.5	19965	3	8	0	22.83	22.92	0.196
QPSK	1711.5	19965	3	8	4	22.81	22.90	0.195
QPSK	1711.5	19965	3	8	7	22.63	22.72	0.187
QPSK	1711.5	19965	3	15	0	22.76	22.85	0.193
QPSK	1732.5	20175	3	1	0	23.56	23.65	0.232
QPSK	1732.5	20175	3	1	8	23.47	23.56	0.227
QPSK	1732.5	20175	3	1	14	23.51	23.60	0.229
QPSK	1732.5	20175	3	8	0	22.61	22.70	0.186
QPSK	1732.5	20175	3	8	4	22.52	22.61	0.182
QPSK	1732.5	20175	3	8	7	22.49	22.58	0.181
QPSK	1732.5	20175	3	15	0	22.46	22.55	0.180
QPSK	1753.5	20385	3	1	0	23.48	23.57	0.228
QPSK	1753.5	20385	3	1	8	23.60	23.69	0.234
QPSK	1753.5	20385	3	1	14	23.48	23.57	0.228
QPSK	1753.5	20385	3	8	0	22.57	22.66	0.185
QPSK	1753.5	20385	3	8	4	22.54	22.63	0.183
QPSK	1753.5	20385	3	8	7	22.48	22.57	0.181
QPSK	1753.5	20385	3	15	0	22.49	22.58	0.181

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	19965	3	1	0	22.79	22.88	0.194
16QAM	1711.5	19965	3	1	8	23.37	23.46	0.222
16QAM	1711.5	19965	3	1	14	22.90	22.99	0.199
16QAM	1711.5	19965	3	8	0	21.73	21.82	0.152
16QAM	1711.5	19965	3	8	4	21.96	22.05	0.160
16QAM	1711.5	19965	3	8	7	21.90	21.99	0.158
16QAM	1711.5	19965	3	15	0	21.84	21.93	0.156
16QAM	1732.5	20175	3	1	0	23.12	23.21	0.209
16QAM	1732.5	20175	3	1	8	23.26	23.35	0.216
16QAM	1732.5	20175	3	1	14	23.16	23.25	0.211
16QAM	1732.5	20175	3	8	0	21.76	21.85	0.153
16QAM	1732.5	20175	3	8	4	21.80	21.89	0.155
16QAM	1732.5	20175	3	8	7	21.68	21.77	0.150
16QAM	1732.5	20175	3	15	0	21.62	21.71	0.148
16QAM	1753.5	20385	3	1	0	22.92	23.01	0.200
16QAM	1753.5	20385	3	1	8	23.28	23.37	0.217
16QAM	1753.5	20385	3	1	14	23.15	23.24	0.211
16QAM	1753.5	20385	3	8	0	21.80	21.89	0.155
16QAM	1753.5	20385	3	8	4	21.73	21.82	0.152
16QAM	1753.5	20385	3	8	7	21.83	21.92	0.156
16QAM	1753.5	20385	3	15	0	21.67	21.76	0.150
64QAM	1711.5	19965	3	1	0	21.69	21.78	0.151
64QAM	1711.5	19965	3	1	8	22.04	22.13	0.163
64QAM	1711.5	19965	3	1	14	21.81	21.90	0.155
64QAM	1711.5	19965	3	8	0	20.79	20.88	0.122
64QAM	1711.5	19965	3	8	4	20.87	20.96	0.125
64QAM	1711.5	19965	3	8	7	20.57	20.66	0.116
64QAM	1711.5	19965	3	15	0	21.10	21.19	0.132
64QAM	1732.5	20175	3	1	0	21.56	21.65	0.146
64QAM	1732.5	20175	3	1	8	21.74	21.83	0.152
64QAM	1732.5	20175	3	1	14	21.29	21.38	0.137
64QAM	1732.5	20175	3	8	0	20.46	20.55	0.114
64QAM	1732.5	20175	3	8	4	20.49	20.58	0.114
64QAM	1732.5	20175	3	8	7	20.68	20.77	0.119
64QAM	1732.5	20175	3	15	0	20.64	20.73	0.118
64QAM	1753.5	20385	3	1	0	21.74	21.83	0.152
64QAM	1753.5	20385	3	1	8	21.96	22.05	0.160
64QAM	1753.5	20385	3	1	14	22.11	22.20	0.166
64QAM	1753.5	20385	3	8	0	20.58	20.67	0.117
64QAM	1753.5	20385	3	8	4	20.58	20.67	0.117
64QAM	1753.5	20385	3	8	7	20.63	20.72	0.118
64QAM	1753.5	20385	3	15	0	20.62	20.71	0.118

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	23.82	23.91	0.246
QPSK	1712.5	19975	5	1	12	23.52	23.61	0.230
QPSK	1712.5	19975	5	1	24	23.67	23.76	0.238
QPSK	1712.5	19975	5	12	0	22.63	22.72	0.187
QPSK	1712.5	19975	5	12	7	22.52	22.61	0.182
QPSK	1712.5	19975	5	12	13	22.59	22.68	0.185
QPSK	1712.5	19975	5	25	0	22.55	22.64	0.184
QPSK	1732.5	20175	5	1	0	23.82	23.91	0.246
QPSK	1732.5	20175	5	1	12	23.79	23.88	0.244
QPSK	1732.5	20175	5	1	24	23.72	23.81	0.240
QPSK	1732.5	20175	5	12	0	22.46	22.55	0.180
QPSK	1732.5	20175	5	12	7	22.50	22.59	0.182
QPSK	1732.5	20175	5	12	13	22.58	22.67	0.185
QPSK	1732.5	20175	5	25	0	22.54	22.63	0.183
QPSK	1752.5	20375	5	1	0	23.65	23.74	0.237
QPSK	1752.5	20375	5	1	12	23.59	23.68	0.233
QPSK	1752.5	20375	5	1	24	23.60	23.69	0.234
QPSK	1752.5	20375	5	12	0	22.50	22.59	0.182
QPSK	1752.5	20375	5	12	7	22.46	22.55	0.180
QPSK	1752.5	20375	5	12	13	22.60	22.69	0.186
QPSK	1752.5	20375	5	25	0	22.51	22.60	0.182

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	19975	5	1	0	22.87	22.96	0.198
16QAM	1712.5	19975	5	1	12	22.97	23.06	0.202
16QAM	1712.5	19975	5	1	24	23.12	23.21	0.209
16QAM	1712.5	19975	5	12	0	21.80	21.89	0.155
16QAM	1712.5	19975	5	12	7	21.78	21.87	0.154
16QAM	1712.5	19975	5	12	13	21.81	21.90	0.155
16QAM	1712.5	19975	5	25	0	21.67	21.76	0.150
16QAM	1732.5	20175	5	1	0	22.75	22.84	0.192
16QAM	1732.5	20175	5	1	12	22.46	22.55	0.180
16QAM	1732.5	20175	5	1	24	22.82	22.91	0.195
16QAM	1732.5	20175	5	12	0	21.60	21.69	0.148
16QAM	1732.5	20175	5	12	7	21.49	21.58	0.144
16QAM	1732.5	20175	5	12	13	21.74	21.83	0.152
16QAM	1732.5	20175	5	25	0	21.92	22.01	0.159
16QAM	1752.5	20375	5	1	0	23.03	23.12	0.205
16QAM	1752.5	20375	5	1	12	23.50	23.59	0.229
16QAM	1752.5	20375	5	1	24	23.29	23.38	0.218
16QAM	1752.5	20375	5	12	0	21.66	21.75	0.150
16QAM	1752.5	20375	5	12	7	21.61	21.70	0.148
16QAM	1752.5	20375	5	12	13	21.72	21.81	0.152
16QAM	1752.5	20375	5	25	0	21.78	21.87	0.154
64QAM	1712.5	19975	5	1	0	22.04	22.13	0.163
64QAM	1712.5	19975	5	1	12	22.01	22.10	0.162
64QAM	1712.5	19975	5	1	24	21.88	21.97	0.157
64QAM	1712.5	19975	5	12	0	20.89	20.98	0.125
64QAM	1712.5	19975	5	12	7	20.66	20.75	0.119
64QAM	1712.5	19975	5	12	13	20.66	20.75	0.119
64QAM	1712.5	19975	5	25	0	20.74	20.83	0.121
64QAM	1732.5	20175	5	1	0	21.86	21.95	0.157
64QAM	1732.5	20175	5	1	12	22.12	22.21	0.166
64QAM	1732.5	20175	5	1	24	21.94	22.03	0.160
64QAM	1732.5	20175	5	12	0	20.90	20.99	0.126
64QAM	1732.5	20175	5	12	7	20.72	20.81	0.121
64QAM	1732.5	20175	5	12	13	20.83	20.92	0.124
64QAM	1732.5	20175	5	25	0	20.76	20.85	0.122
64QAM	1752.5	20375	5	1	0	22.44	22.53	0.179
64QAM	1752.5	20375	5	1	12	21.75	21.84	0.153
64QAM	1752.5	20375	5	1	24	22.14	22.23	0.167
64QAM	1752.5	20375	5	12	0	20.54	20.63	0.116
64QAM	1752.5	20375	5	12	7	20.51	20.60	0.115
64QAM	1752.5	20375	5	12	13	20.81	20.90	0.123
64QAM	1752.5	20375	5	25	0	20.64	20.73	0.118

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	24.02	24.11	0.258
QPSK	1715	20000	10	1	25	23.86	23.95	0.248
QPSK	1715	20000	10	1	49	23.91	24.00	0.251
QPSK	1715	20000	10	25	0	22.66	22.75	0.188
QPSK	1715	20000	10	25	12	22.71	22.80	0.191
QPSK	1715	20000	10	25	25	22.48	22.57	0.181
QPSK	1715	20000	10	50	0	22.57	22.66	0.185
QPSK	1732.5	20175	10	1	0	23.87	23.96	0.249
QPSK	1732.5	20175	10	1	25	23.65	23.74	0.237
QPSK	1732.5	20175	10	1	49	23.76	23.85	0.243
QPSK	1732.5	20175	10	25	0	22.57	22.66	0.185
QPSK	1732.5	20175	10	25	12	22.43	22.52	0.179
QPSK	1732.5	20175	10	25	25	22.39	22.48	0.177
QPSK	1732.5	20175	10	50	0	22.49	22.58	0.181
QPSK	1750	20350	10	1	0	23.30	23.39	0.218
QPSK	1750	20350	10	1	25	23.29	23.38	0.218
QPSK	1750	20350	10	1	49	23.57	23.66	0.232
QPSK	1750	20350	10	25	0	22.50	22.59	0.182
QPSK	1750	20350	10	25	12	22.56	22.65	0.184
QPSK	1750	20350	10	25	25	22.53	22.62	0.183
QPSK	1750	20350	10	50	0	22.46	22.55	0.180

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	23.01	23.10	0.204
16QAM	1715	20000	10	1	25	23.36	23.45	0.221
16QAM	1715	20000	10	1	49	23.44	23.53	0.225
16QAM	1715	20000	10	25	0	21.86	21.95	0.157
16QAM	1715	20000	10	25	12	21.90	21.99	0.158
16QAM	1715	20000	10	25	25	21.93	22.02	0.159
16QAM	1715	20000	10	50	0	21.72	21.81	0.152
16QAM	1732.5	20175	10	1	0	23.05	23.14	0.206
16QAM	1732.5	20175	10	1	25	23.14	23.23	0.210
16QAM	1732.5	20175	10	1	49	22.95	23.04	0.201
16QAM	1732.5	20175	10	25	0	21.60	21.69	0.148
16QAM	1732.5	20175	10	25	12	21.76	21.85	0.153
16QAM	1732.5	20175	10	25	25	21.61	21.70	0.148
16QAM	1732.5	20175	10	50	0	21.89	21.98	0.158
16QAM	1750	20350	10	1	0	22.38	22.47	0.177
16QAM	1750	20350	10	1	25	23.22	23.31	0.214
16QAM	1750	20350	10	1	49	22.64	22.73	0.187
16QAM	1750	20350	10	25	0	22.06	22.15	0.164
16QAM	1750	20350	10	25	12	21.72	21.81	0.152
16QAM	1750	20350	10	25	25	21.82	21.91	0.155
16QAM	1750	20350	10	50	0	21.68	21.77	0.150
64QAM	1715	20000	10	1	0	22.23	22.32	0.171
64QAM	1715	20000	10	1	25	22.13	22.22	0.167
64QAM	1715	20000	10	1	49	21.88	21.97	0.157
64QAM	1715	20000	10	25	0	20.71	20.80	0.120
64QAM	1715	20000	10	25	12	20.84	20.93	0.124
64QAM	1715	20000	10	25	25	20.77	20.86	0.122
64QAM	1715	20000	10	50	0	20.67	20.76	0.119
64QAM	1732.5	20175	10	1	0	21.66	21.75	0.150
64QAM	1732.5	20175	10	1	25	21.90	21.99	0.158
64QAM	1732.5	20175	10	1	49	21.57	21.66	0.147
64QAM	1732.5	20175	10	25	0	20.53	20.62	0.115
64QAM	1732.5	20175	10	25	12	20.63	20.72	0.118
64QAM	1732.5	20175	10	25	25	20.71	20.80	0.120
64QAM	1732.5	20175	10	50	0	20.89	20.98	0.125
64QAM	1750	20350	10	1	0	21.91	22.00	0.158
64QAM	1750	20350	10	1	25	22.13	22.22	0.167
64QAM	1750	20350	10	1	49	21.82	21.91	0.155
64QAM	1750	20350	10	25	0	20.74	20.83	0.121
64QAM	1750	20350	10	25	12	20.74	20.83	0.121
64QAM	1750	20350	10	25	25	20.65	20.74	0.119
64QAM	1750	20350	10	50	0	20.79	20.88	0.122

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.82	23.91	0.246
QPSK	1717.5	20025	15	1	37	23.55	23.64	0.231
QPSK	1717.5	20025	15	1	74	23.59	23.68	0.233
QPSK	1717.5	20025	15	36	0	22.58	22.67	0.185
QPSK	1717.5	20025	15	36	29	22.64	22.73	0.187
QPSK	1717.5	20025	15	36	30	22.65	22.74	0.188
QPSK	1717.5	20025	15	75	0	22.65	22.74	0.188
QPSK	1732.5	20175	15	1	0	23.55	23.64	0.231
QPSK	1732.5	20175	15	1	37	23.57	23.66	0.232
QPSK	1732.5	20175	15	1	74	23.66	23.75	0.237
QPSK	1732.5	20175	15	36	0	22.64	22.73	0.187
QPSK	1732.5	20175	15	36	29	22.43	22.52	0.179
QPSK	1732.5	20175	15	36	30	22.46	22.55	0.180
QPSK	1732.5	20175	15	75	0	22.42	22.51	0.178
QPSK	1747.5	20325	15	1	0	23.59	23.68	0.233
QPSK	1747.5	20325	15	1	37	23.62	23.71	0.235
QPSK	1747.5	20325	15	1	74	23.68	23.77	0.238
QPSK	1747.5	20325	15	36	0	22.36	22.45	0.176
QPSK	1747.5	20325	15	36	29	22.54	22.63	0.183
QPSK	1747.5	20325	15	36	30	22.68	22.77	0.189
QPSK	1747.5	20325	15	75	0	22.33	22.42	0.175

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	23.07	23.16	0.207
16QAM	1717.5	20025	15	1	37	23.49	23.58	0.228
16QAM	1717.5	20025	15	1	74	23.09	23.18	0.208
16QAM	1717.5	20025	15	36	0	21.57	21.66	0.147
16QAM	1717.5	20025	15	36	29	21.50	21.59	0.144
16QAM	1717.5	20025	15	36	30	21.72	21.81	0.152
16QAM	1717.5	20025	15	75	0	21.69	21.78	0.151
16QAM	1732.5	20175	15	1	0	22.87	22.96	0.198
16QAM	1732.5	20175	15	1	37	23.22	23.31	0.214
16QAM	1732.5	20175	15	1	74	22.81	22.90	0.195
16QAM	1732.5	20175	15	36	0	21.63	21.72	0.149
16QAM	1732.5	20175	15	36	29	21.67	21.76	0.150
16QAM	1732.5	20175	15	36	30	21.76	21.85	0.153
16QAM	1732.5	20175	15	75	0	21.69	21.78	0.151
16QAM	1747.5	20325	15	1	0	22.97	23.06	0.202
16QAM	1747.5	20325	15	1	37	22.35	22.44	0.175
16QAM	1747.5	20325	15	1	74	22.83	22.92	0.196
16QAM	1747.5	20325	15	36	0	21.73	21.82	0.152
16QAM	1747.5	20325	15	36	29	21.63	21.72	0.149
16QAM	1747.5	20325	15	36	30	21.76	21.85	0.153
16QAM	1747.5	20325	15	75	0	21.48	21.57	0.144
64QAM	1717.5	20025	15	1	0	21.95	22.04	0.160
64QAM	1717.5	20025	15	1	37	21.93	22.02	0.159
64QAM	1717.5	20025	15	1	74	22.10	22.19	0.166
64QAM	1717.5	20025	15	36	0	20.78	20.87	0.122
64QAM	1717.5	20025	15	36	29	20.73	20.82	0.121
64QAM	1717.5	20025	15	36	30	20.76	20.85	0.122
64QAM	1717.5	20025	15	75	0	20.79	20.88	0.122
64QAM	1732.5	20175	15	1	0	21.53	21.62	0.145
64QAM	1732.5	20175	15	1	37	21.34	21.43	0.139
64QAM	1732.5	20175	15	1	74	21.62	21.71	0.148
64QAM	1732.5	20175	15	36	0	20.69	20.78	0.120
64QAM	1732.5	20175	15	36	29	20.77	20.86	0.122
64QAM	1732.5	20175	15	36	30	20.82	20.91	0.123
64QAM	1732.5	20175	15	75	0	20.80	20.89	0.123
64QAM	1747.5	20325	15	1	0	21.59	21.68	0.147
64QAM	1747.5	20325	15	1	37	22.11	22.20	0.166
64QAM	1747.5	20325	15	1	74	22.14	22.23	0.167
64QAM	1747.5	20325	15	36	0	20.89	20.98	0.125
64QAM	1747.5	20325	15	36	29	20.69	20.78	0.120
64QAM	1747.5	20325	15	36	30	21.07	21.16	0.131
64QAM	1747.5	20325	15	75	0	20.81	20.90	0.123

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	23.62	23.71	0.235
QPSK	1720	20050	20	1	49	23.57	23.66	0.232
QPSK	1720	20050	20	1	99	23.63	23.72	0.236
QPSK	1720	20050	20	50	0	22.50	22.59	0.182
QPSK	1720	20050	20	50	24	22.48	22.57	0.181
QPSK	1720	20050	20	50	50	22.51	22.60	0.182
QPSK	1720	20050	20	100	0	22.53	22.62	0.183
QPSK	1732.5	20175	20	1	0	23.49	23.58	0.228
QPSK	1732.5	20175	20	1	49	23.51	23.60	0.229
QPSK	1732.5	20175	20	1	99	23.72	23.81	0.240
QPSK	1732.5	20175	20	50	0	22.50	22.59	0.182
QPSK	1732.5	20175	20	50	24	22.73	22.82	0.191
QPSK	1732.5	20175	20	50	50	22.48	22.57	0.181
QPSK	1732.5	20175	20	100	0	22.55	22.64	0.184
QPSK	1745	20300	20	1	0	23.41	23.50	0.224
QPSK	1745	20300	20	1	49	23.41	23.50	0.224
QPSK	1745	20300	20	1	99	23.64	23.73	0.236
QPSK	1745	20300	20	50	0	22.33	22.42	0.175
QPSK	1745	20300	20	50	24	22.41	22.50	0.178
QPSK	1745	20300	20	50	50	22.59	22.68	0.185
QPSK	1745	20300	20	100	0	22.38	22.47	0.177

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	20050	20	1	0	23.09	23.18	0.208
16QAM	1720	20050	20	1	49	23.08	23.17	0.207
16QAM	1720	20050	20	1	99	23.17	23.26	0.212
16QAM	1720	20050	20	50	0	21.67	21.76	0.150
16QAM	1720	20050	20	50	24	21.82	21.91	0.155
16QAM	1720	20050	20	50	50	21.82	21.91	0.155
16QAM	1720	20050	20	100	0	21.64	21.73	0.149
16QAM	1732.5	20175	20	1	0	23.11	23.20	0.209
16QAM	1732.5	20175	20	1	49	23.57	23.66	0.232
16QAM	1732.5	20175	20	1	99	22.93	23.02	0.200
16QAM	1732.5	20175	20	50	0	21.53	21.62	0.145
16QAM	1732.5	20175	20	50	24	21.73	21.82	0.152
16QAM	1732.5	20175	20	50	50	21.60	21.69	0.148
16QAM	1732.5	20175	20	100	0	21.39	21.48	0.141
16QAM	1745	20300	20	1	0	23.48	23.57	0.228
16QAM	1745	20300	20	1	49	23.25	23.34	0.216
16QAM	1745	20300	20	1	99	23.65	23.74	0.237
16QAM	1745	20300	20	50	0	21.65	21.74	0.149
16QAM	1745	20300	20	50	24	21.62	21.71	0.148
16QAM	1745	20300	20	50	50	21.55	21.64	0.146
16QAM	1745	20300	20	100	0	21.70	21.79	0.151
64QAM	1720	20050	20	1	0	21.96	22.05	0.160
64QAM	1720	20050	20	1	49	21.59	21.68	0.147
64QAM	1720	20050	20	1	99	21.61	21.70	0.148
64QAM	1720	20050	20	50	0	20.74	20.83	0.121
64QAM	1720	20050	20	50	24	20.77	20.86	0.122
64QAM	1720	20050	20	50	50	20.86	20.95	0.124
64QAM	1720	20050	20	100	0	20.72	20.81	0.121
64QAM	1732.5	20175	20	1	0	21.67	21.76	0.150
64QAM	1732.5	20175	20	1	49	21.89	21.98	0.158
64QAM	1732.5	20175	20	1	99	22.16	22.25	0.168
64QAM	1732.5	20175	20	50	0	20.68	20.77	0.119
64QAM	1732.5	20175	20	50	24	20.75	20.84	0.121
64QAM	1732.5	20175	20	50	50	20.84	20.93	0.124
64QAM	1732.5	20175	20	100	0	20.74	20.83	0.121
64QAM	1745	20300	20	1	0	21.59	21.68	0.147
64QAM	1745	20300	20	1	49	21.43	21.52	0.142
64QAM	1745	20300	20	1	99	21.84	21.93	0.156
64QAM	1745	20300	20	50	0	20.87	20.96	0.125
64QAM	1745	20300	20	50	24	20.68	20.77	0.119
64QAM	1745	20300	20	50	50	20.77	20.86	0.122
64QAM	1745	20300	20	100	0	20.56	20.65	0.116