

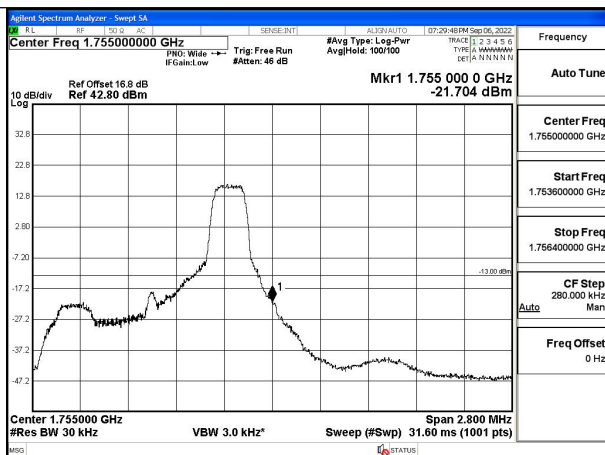


Fig.3

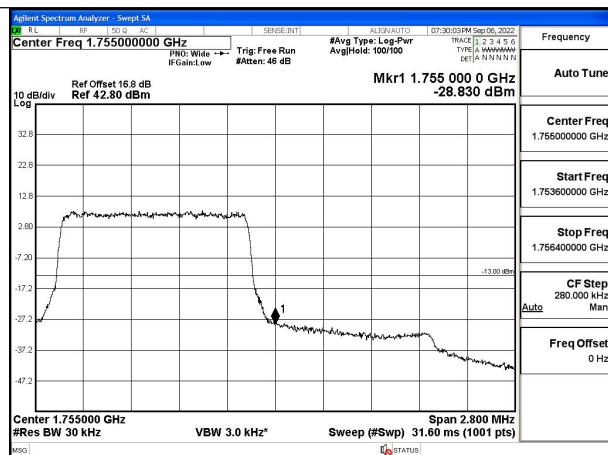


Fig.4

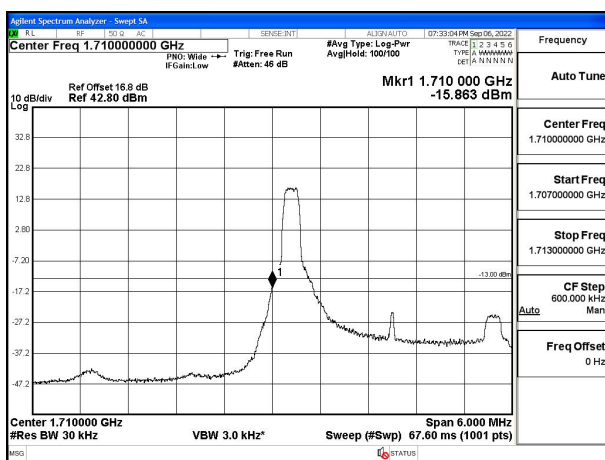


Fig.5

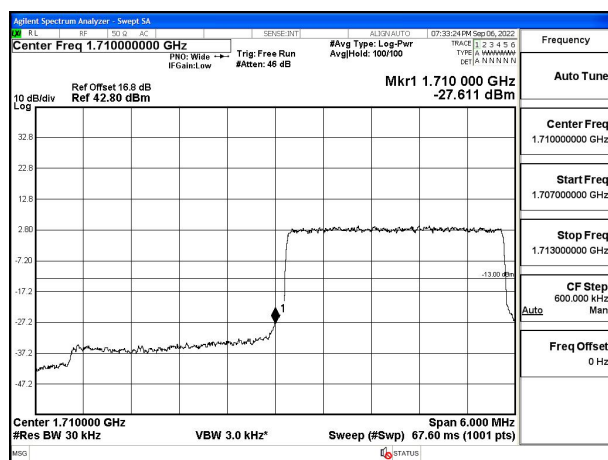


Fig.6

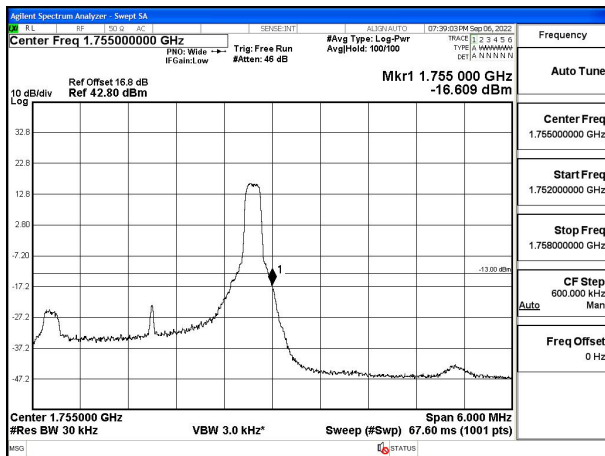


Fig.7

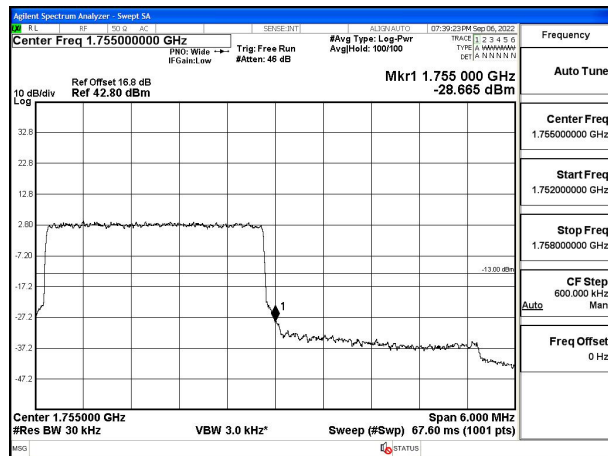


Fig.8

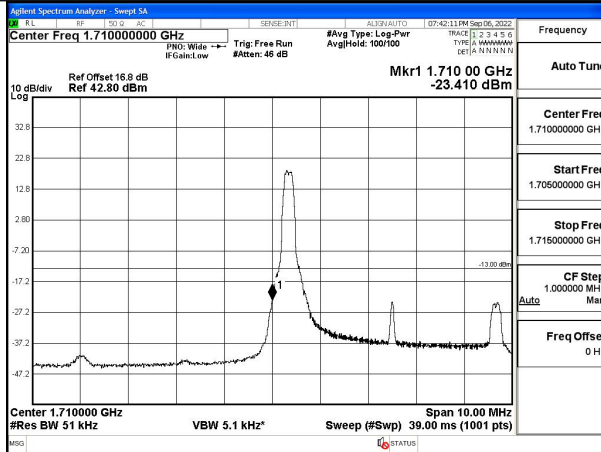


Fig.9

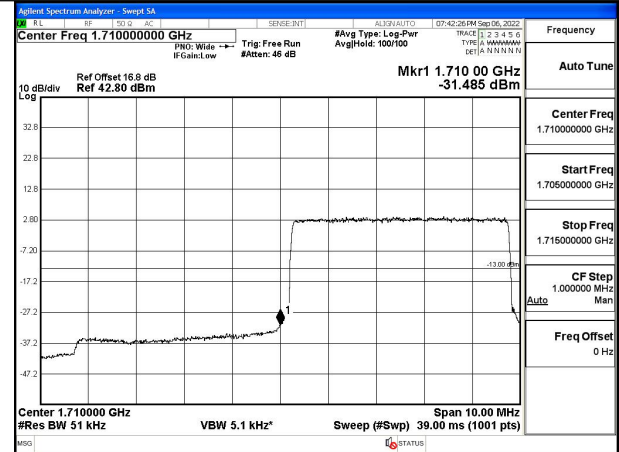


Fig.10

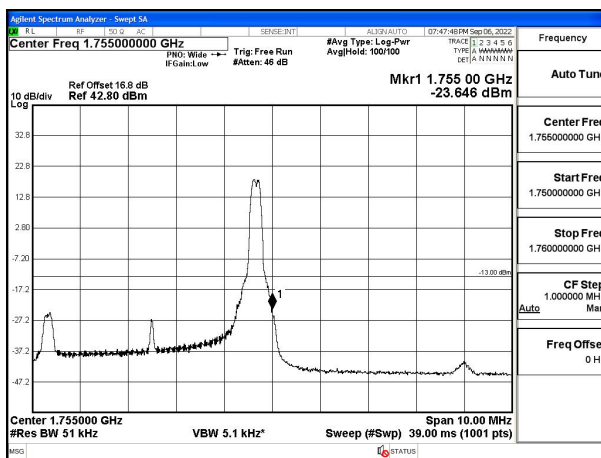


Fig.11

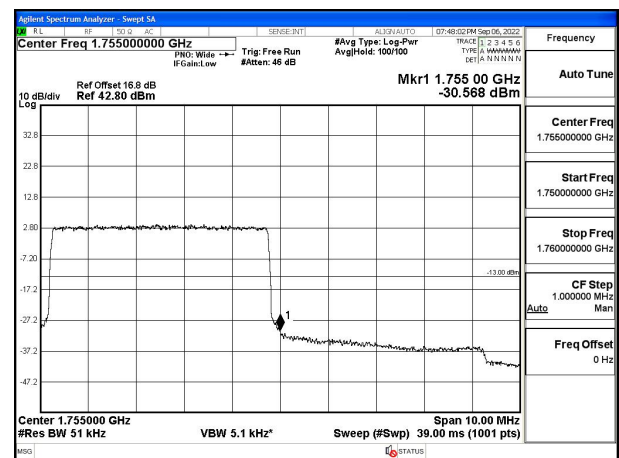


Fig.12

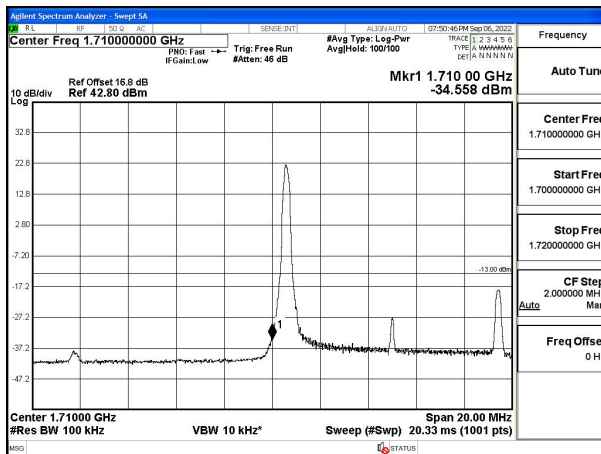


Fig.13

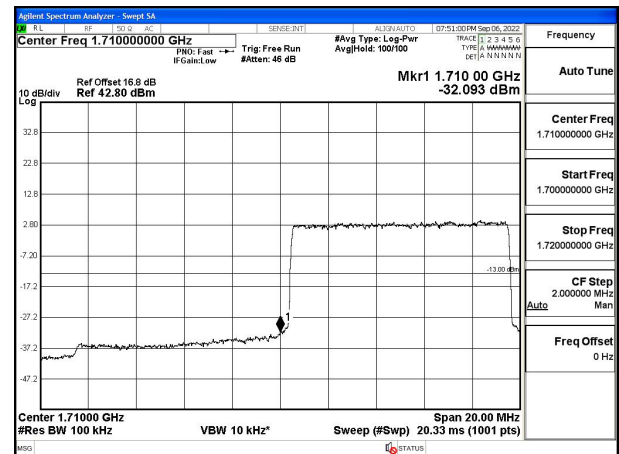


Fig.14

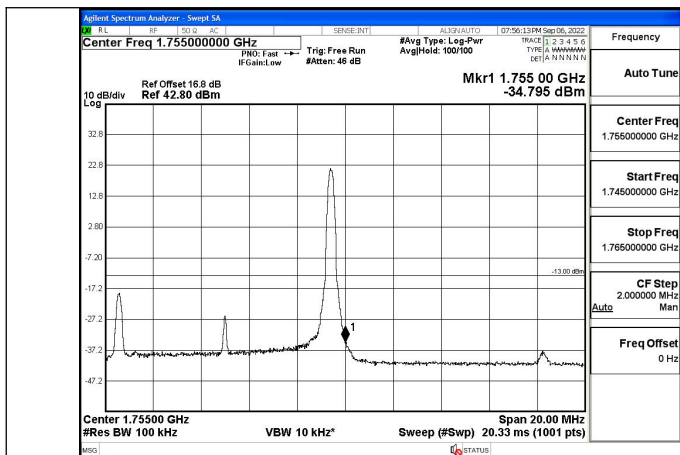


Fig.15

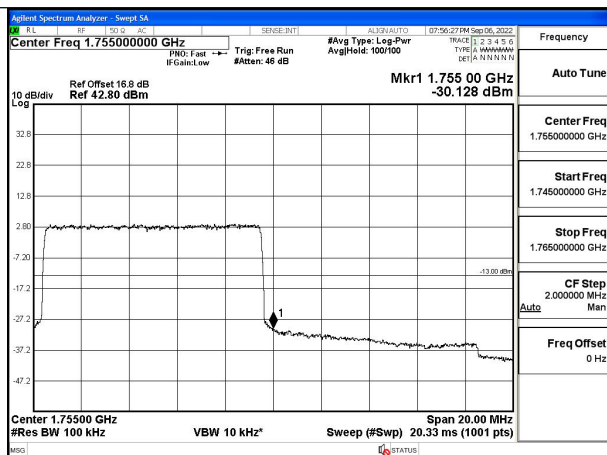


Fig.16

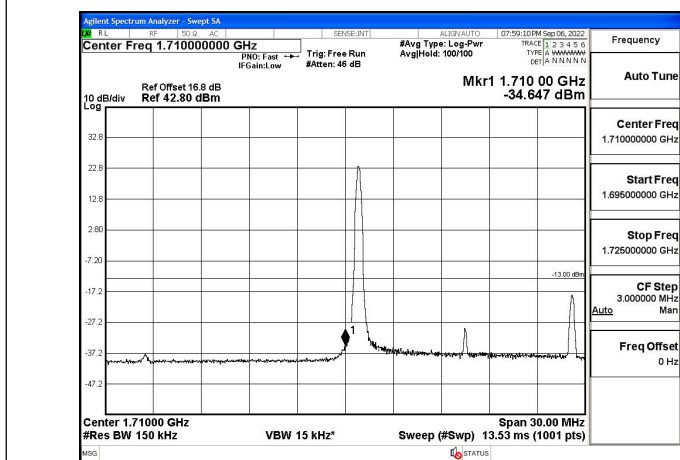


Fig.17

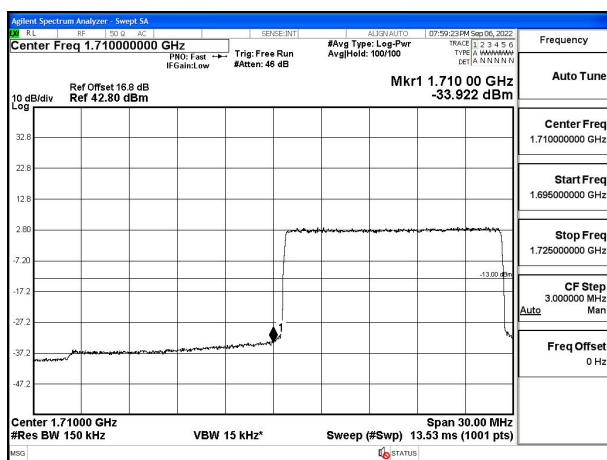


Fig.18

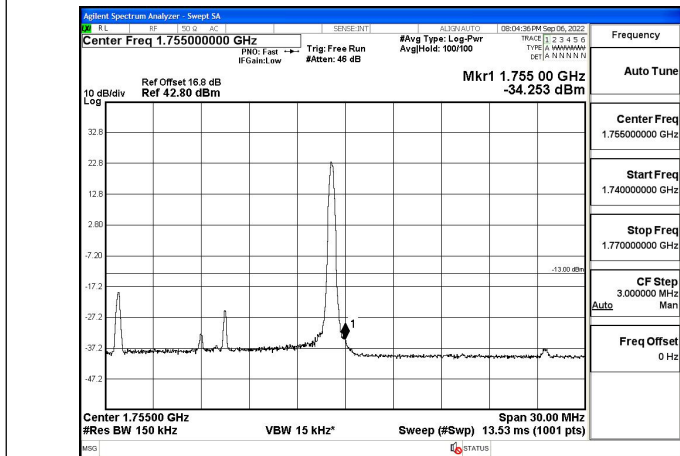


Fig.19

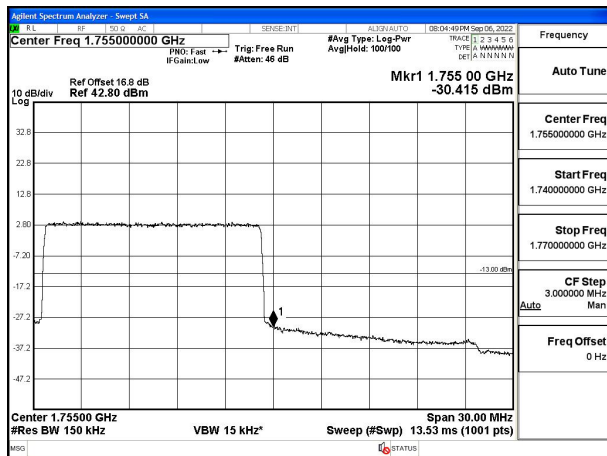


Fig.20

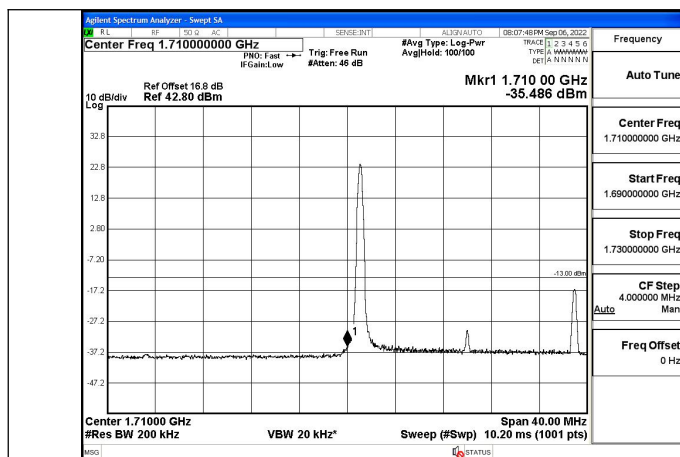


Fig.21

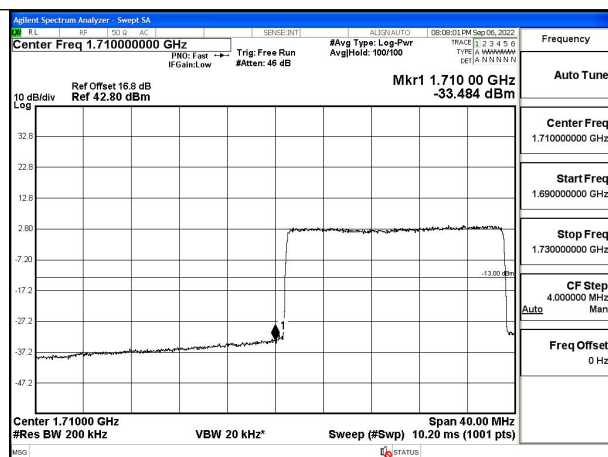


Fig.22

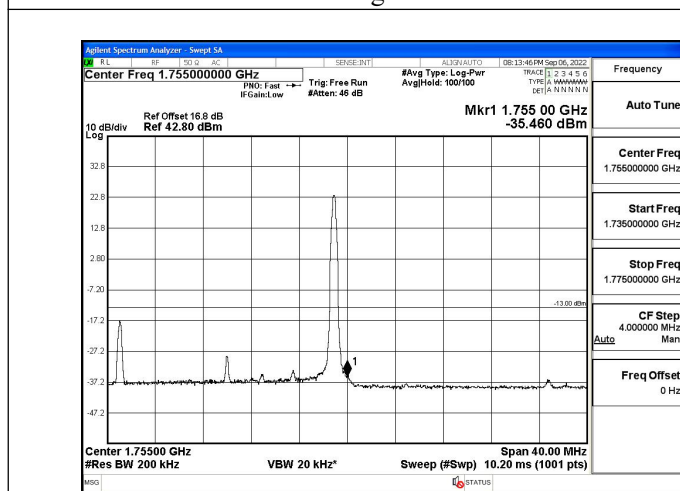


Fig.23

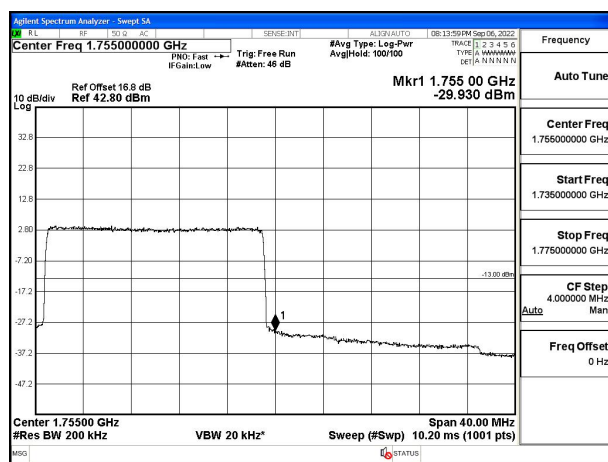


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.010	-0.009	-0.004	0.009	-0.005	0.004
0	NV	-0.014	0.008	0.015	-0.016	0.007	0.010
+10	NV	0.006	0.009	0.008	0.002	0.009	0.009
+20	NV	-0.008	-0.014	0.006	0.013	0.002	0.011
+30	NV	0.014	-0.009	0.001	-0.021	0.006	0.006
+40	NV	-0.017	-0.007	0.020	0.010	-0.008	0.018
+50	NV	-0.005	-0.005	-0.012	0.005	0.016	0.006
+55	NV	0.011	0.009	0.004	-0.005	0.022	-0.009
+20	LV	-0.006	0.005	-0.007	-0.003	0.005	-0.016
+20	HV	-0.003	0.005	-0.009	-0.005	0.006	-0.008

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.004	0.004	0.006	0.005	0.002	0.025
0	NV	-0.003	0.006	0.013	-0.012	0.007	0.009
+10	NV	0.003	-0.008	0.003	-0.003	0.003	0.007
+20	NV	-0.006	-0.001	0.005	-0.007	0.004	0.005
+30	NV	-0.013	-0.005	0.012	-0.002	-0.003	0.020
+40	NV	-0.003	-0.006	-0.013	-0.008	-0.009	-0.007
+50	NV	0.004	0.014	-0.009	-0.012	-0.013	-0.005
+55	NV	-0.006	-0.007	0.005	0.006	0.009	-0.012
+20	LV	-0.012	0.008	-0.011	0.005	0.007	-0.002
+20	HV	0.004	-0.017	-0.002	-0.002	-0.010	-0.007

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	25.49	23.89	0.245
QPSK	1710.7	19957	1.4	1	3	25.43	23.83	0.242
QPSK	1710.7	19957	1.4	1	5	25.45	23.85	0.243
QPSK	1710.7	19957	1.4	3	0	25.67	24.07	0.255
QPSK	1710.7	19957	1.4	3	1	25.68	24.08	0.256
QPSK	1710.7	19957	1.4	3	3	25.63	24.03	0.253
QPSK	1710.7	19957	1.4	6	0	24.62	23.02	0.200
QPSK	1732.5	20175	1.4	1	0	25.34	23.74	0.237
QPSK	1732.5	20175	1.4	1	3	25.21	23.61	0.230
QPSK	1732.5	20175	1.4	1	5	25.31	23.71	0.235
QPSK	1732.5	20175	1.4	3	0	25.44	23.84	0.242
QPSK	1732.5	20175	1.4	3	1	25.40	23.80	0.240
QPSK	1732.5	20175	1.4	3	3	25.38	23.78	0.239
QPSK	1732.5	20175	1.4	6	0	24.27	22.67	0.185
QPSK	1754.3	20393	1.4	1	0	25.47	23.87	0.244
QPSK	1754.3	20393	1.4	1	3	25.55	23.95	0.248
QPSK	1754.3	20393	1.4	1	5	25.51	23.91	0.246
QPSK	1754.3	20393	1.4	3	0	25.34	23.74	0.237
QPSK	1754.3	20393	1.4	3	1	25.50	23.90	0.245
QPSK	1754.3	20393	1.4	3	3	25.43	23.83	0.242
QPSK	1754.3	20393	1.4	6	0	24.34	22.74	0.188

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	25.20	23.60	0.229
16QAM	1710.7	19957	1.4	1	3	25.23	23.63	0.231
16QAM	1710.7	19957	1.4	1	5	25.15	23.55	0.226
16QAM	1710.7	19957	1.4	3	0	24.86	23.26	0.212
16QAM	1710.7	19957	1.4	3	1	24.99	23.39	0.218
16QAM	1710.7	19957	1.4	3	3	24.99	23.39	0.218
16QAM	1710.7	19957	1.4	6	0	23.33	21.73	0.149
16QAM	1732.5	20175	1.4	1	0	24.81	23.21	0.209
16QAM	1732.5	20175	1.4	1	3	24.86	23.26	0.212
16QAM	1732.5	20175	1.4	1	5	25.16	23.56	0.227
16QAM	1732.5	20175	1.4	3	0	24.56	22.96	0.198
16QAM	1732.5	20175	1.4	3	1	24.66	23.06	0.202
16QAM	1732.5	20175	1.4	3	3	24.67	23.07	0.203
16QAM	1732.5	20175	1.4	6	0	22.98	21.38	0.137
16QAM	1754.3	20393	1.4	1	0	25.12	23.52	0.225
16QAM	1754.3	20393	1.4	1	3	24.56	22.96	0.198
16QAM	1754.3	20393	1.4	1	5	24.52	22.92	0.196
16QAM	1754.3	20393	1.4	3	0	24.67	23.07	0.203
16QAM	1754.3	20393	1.4	3	1	24.67	23.07	0.203
16QAM	1754.3	20393	1.4	3	3	24.78	23.18	0.208
16QAM	1754.3	20393	1.4	6	0	23.59	21.99	0.158
64QAM	1710.7	19957	1.4	1	0	24.22	22.62	0.183
64QAM	1710.7	19957	1.4	1	3	24.03	22.43	0.175
64QAM	1710.7	19957	1.4	1	5	24.39	22.79	0.190
64QAM	1710.7	19957	1.4	3	0	24.06	22.46	0.176
64QAM	1710.7	19957	1.4	3	1	23.82	22.22	0.167
64QAM	1710.7	19957	1.4	3	3	23.68	22.08	0.161
64QAM	1710.7	19957	1.4	6	0	22.54	20.94	0.124
64QAM	1732.5	20175	1.4	1	0	23.00	21.40	0.138
64QAM	1732.5	20175	1.4	1	3	23.41	21.81	0.152
64QAM	1732.5	20175	1.4	1	5	23.42	21.82	0.152
64QAM	1732.5	20175	1.4	3	0	23.31	21.71	0.148
64QAM	1732.5	20175	1.4	3	1	23.34	21.74	0.149
64QAM	1732.5	20175	1.4	3	3	23.24	21.64	0.146
64QAM	1732.5	20175	1.4	6	0	22.38	20.78	0.120
64QAM	1754.3	20393	1.4	1	0	24.15	22.55	0.180
64QAM	1754.3	20393	1.4	1	3	23.43	21.83	0.152
64QAM	1754.3	20393	1.4	1	5	23.44	21.84	0.153
64QAM	1754.3	20393	1.4	3	0	23.17	21.57	0.144
64QAM	1754.3	20393	1.4	3	1	23.39	21.79	0.151
64QAM	1754.3	20393	1.4	3	3	23.00	21.40	0.138
64QAM	1754.3	20393	1.4	6	0	22.54	20.94	0.124

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	25.66	24.06	0.255
QPSK	1711.5	19965	3	1	8	25.67	24.07	0.255
QPSK	1711.5	19965	3	1	14	25.48	23.88	0.244
QPSK	1711.5	19965	3	8	0	24.55	22.95	0.197
QPSK	1711.5	19965	3	8	4	24.65	23.05	0.202
QPSK	1711.5	19965	3	8	7	24.45	22.85	0.193
QPSK	1711.5	19965	3	15	0	24.62	23.02	0.200
QPSK	1732.5	20175	3	1	0	25.26	23.66	0.232
QPSK	1732.5	20175	3	1	8	25.37	23.77	0.238
QPSK	1732.5	20175	3	1	14	25.30	23.70	0.234
QPSK	1732.5	20175	3	8	0	24.27	22.67	0.185
QPSK	1732.5	20175	3	8	4	24.23	22.63	0.183
QPSK	1732.5	20175	3	8	7	24.19	22.59	0.182
QPSK	1732.5	20175	3	15	0	24.19	22.59	0.182
QPSK	1753.5	20385	3	1	0	25.38	23.78	0.239
QPSK	1753.5	20385	3	1	8	25.50	23.90	0.245
QPSK	1753.5	20385	3	1	14	25.51	23.91	0.246
QPSK	1753.5	20385	3	8	0	24.57	22.97	0.198
QPSK	1753.5	20385	3	8	4	24.49	22.89	0.195
QPSK	1753.5	20385	3	8	7	24.41	22.81	0.191
QPSK	1753.5	20385	3	15	0	24.45	22.85	0.193

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	25.42	23.82	0.241
16QAM	1711.5	19965	3	1	8	25.38	23.78	0.239
16QAM	1711.5	19965	3	1	14	24.90	23.30	0.214
16QAM	1711.5	19965	3	8	0	23.77	22.17	0.165
16QAM	1711.5	19965	3	8	4	23.83	22.23	0.167
16QAM	1711.5	19965	3	8	7	23.57	21.97	0.157
16QAM	1711.5	19965	3	15	0	23.77	22.17	0.165
16QAM	1732.5	20175	3	1	0	24.53	22.93	0.196
16QAM	1732.5	20175	3	1	8	24.73	23.13	0.206
16QAM	1732.5	20175	3	1	14	24.90	23.30	0.214
16QAM	1732.5	20175	3	8	0	23.62	22.02	0.159
16QAM	1732.5	20175	3	8	4	23.49	21.89	0.155
16QAM	1732.5	20175	3	8	7	23.50	21.90	0.155
16QAM	1732.5	20175	3	15	0	23.52	21.92	0.156
16QAM	1753.5	20385	3	1	0	25.22	23.62	0.230
16QAM	1753.5	20385	3	1	8	24.96	23.36	0.217
16QAM	1753.5	20385	3	1	14	24.85	23.25	0.211
16QAM	1753.5	20385	3	8	0	23.60	22.00	0.158
16QAM	1753.5	20385	3	8	4	23.69	22.09	0.162
16QAM	1753.5	20385	3	8	7	23.74	22.14	0.164
16QAM	1753.5	20385	3	15	0	23.74	22.14	0.164
64QAM	1711.5	19965	3	1	0	23.57	21.97	0.157
64QAM	1711.5	19965	3	1	8	23.55	21.95	0.157
64QAM	1711.5	19965	3	1	14	23.42	21.82	0.152
64QAM	1711.5	19965	3	8	0	22.70	21.10	0.129
64QAM	1711.5	19965	3	8	4	22.69	21.09	0.129
64QAM	1711.5	19965	3	8	7	22.84	21.24	0.133
64QAM	1711.5	19965	3	15	0	23.00	21.40	0.138
64QAM	1732.5	20175	3	1	0	23.38	21.78	0.151
64QAM	1732.5	20175	3	1	8	23.19	21.59	0.144
64QAM	1732.5	20175	3	1	14	23.52	21.92	0.156
64QAM	1732.5	20175	3	8	0	22.34	20.74	0.119
64QAM	1732.5	20175	3	8	4	22.45	20.85	0.122
64QAM	1732.5	20175	3	8	7	22.29	20.69	0.117
64QAM	1732.5	20175	3	15	0	22.42	20.82	0.121
64QAM	1753.5	20385	3	1	0	23.21	21.61	0.145
64QAM	1753.5	20385	3	1	8	23.69	22.09	0.162
64QAM	1753.5	20385	3	1	14	23.62	22.02	0.159
64QAM	1753.5	20385	3	8	0	22.61	21.01	0.126
64QAM	1753.5	20385	3	8	4	22.45	20.85	0.122
64QAM	1753.5	20385	3	8	7	22.42	20.82	0.121
64QAM	1753.5	20385	3	15	0	22.57	20.97	0.125

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	25.55	23.95	0.248
QPSK	1712.5	19975	5	1	12	25.34	23.74	0.237
QPSK	1712.5	19975	5	1	24	25.57	23.97	0.249
QPSK	1712.5	19975	5	12	0	24.63	23.03	0.201
QPSK	1712.5	19975	5	12	7	24.40	22.80	0.191
QPSK	1712.5	19975	5	12	13	24.57	22.97	0.198
QPSK	1712.5	19975	5	25	0	24.52	22.92	0.196
QPSK	1732.5	20175	5	1	0	25.18	23.58	0.228
QPSK	1732.5	20175	5	1	12	25.17	23.57	0.228
QPSK	1732.5	20175	5	1	24	25.43	23.83	0.242
QPSK	1732.5	20175	5	12	0	24.30	22.70	0.186
QPSK	1732.5	20175	5	12	7	24.21	22.61	0.182
QPSK	1732.5	20175	5	12	13	24.39	22.79	0.190
QPSK	1732.5	20175	5	25	0	24.20	22.60	0.182
QPSK	1752.5	20375	5	1	0	25.37	23.77	0.238
QPSK	1752.5	20375	5	1	12	25.32	23.72	0.236
QPSK	1752.5	20375	5	1	24	25.41	23.81	0.240
QPSK	1752.5	20375	5	12	0	24.39	22.79	0.190
QPSK	1752.5	20375	5	12	7	24.51	22.91	0.195
QPSK	1752.5	20375	5	12	13	24.36	22.76	0.189
QPSK	1752.5	20375	5	25	0	24.41	22.81	0.191

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	25.25	23.65	0.232
16QAM	1712.5	19975	5	1	12	25.08	23.48	0.223
16QAM	1712.5	19975	5	1	24	24.79	23.19	0.208
16QAM	1712.5	19975	5	12	0	23.77	22.17	0.165
16QAM	1712.5	19975	5	12	7	23.63	22.03	0.160
16QAM	1712.5	19975	5	12	13	23.71	22.11	0.163
16QAM	1712.5	19975	5	25	0	23.87	22.27	0.169
16QAM	1732.5	20175	5	1	0	24.86	23.26	0.212
16QAM	1732.5	20175	5	1	12	24.85	23.25	0.211
16QAM	1732.5	20175	5	1	24	24.78	23.18	0.208
16QAM	1732.5	20175	5	12	0	23.41	21.81	0.152
16QAM	1732.5	20175	5	12	7	23.41	21.81	0.152
16QAM	1732.5	20175	5	12	13	23.50	21.90	0.155
16QAM	1732.5	20175	5	25	0	23.34	21.74	0.149
16QAM	1752.5	20375	5	1	0	24.97	23.37	0.217
16QAM	1752.5	20375	5	1	12	25.11	23.51	0.224
16QAM	1752.5	20375	5	1	24	25.19	23.59	0.229
16QAM	1752.5	20375	5	12	0	23.54	21.94	0.156
16QAM	1752.5	20375	5	12	7	23.57	21.97	0.157
16QAM	1752.5	20375	5	12	13	23.66	22.06	0.161
16QAM	1752.5	20375	5	25	0	23.56	21.96	0.157
64QAM	1712.5	19975	5	1	0	23.75	22.15	0.164
64QAM	1712.5	19975	5	1	12	23.51	21.91	0.155
64QAM	1712.5	19975	5	1	24	23.93	22.33	0.171
64QAM	1712.5	19975	5	12	0	22.78	21.18	0.131
64QAM	1712.5	19975	5	12	7	22.61	21.01	0.126
64QAM	1712.5	19975	5	12	13	22.61	21.01	0.126
64QAM	1712.5	19975	5	25	0	22.78	21.18	0.131
64QAM	1732.5	20175	5	1	0	23.41	21.81	0.152
64QAM	1732.5	20175	5	1	12	23.73	22.13	0.163
64QAM	1732.5	20175	5	1	24	23.61	22.01	0.159
64QAM	1732.5	20175	5	12	0	22.44	20.84	0.121
64QAM	1732.5	20175	5	12	7	22.41	20.81	0.121
64QAM	1732.5	20175	5	12	13	22.38	20.78	0.120
64QAM	1732.5	20175	5	25	0	22.34	20.74	0.119
64QAM	1752.5	20375	5	1	0	24.29	22.69	0.186
64QAM	1752.5	20375	5	1	12	24.18	22.58	0.181
64QAM	1752.5	20375	5	1	24	23.97	22.37	0.173
64QAM	1752.5	20375	5	12	0	22.87	21.27	0.134
64QAM	1752.5	20375	5	12	7	22.67	21.07	0.128
64QAM	1752.5	20375	5	12	13	22.61	21.01	0.126
64QAM	1752.5	20375	5	25	0	22.67	21.07	0.128

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	25.62	24.02	0.252
QPSK	1715	20000	10	1	25	25.39	23.79	0.239
QPSK	1715	20000	10	1	49	25.19	23.59	0.229
QPSK	1715	20000	10	25	0	24.39	22.79	0.190
QPSK	1715	20000	10	25	12	24.55	22.95	0.197
QPSK	1715	20000	10	25	25	24.37	22.77	0.189
QPSK	1715	20000	10	50	0	24.57	22.97	0.198
QPSK	1732.5	20175	10	1	0	25.29	23.69	0.234
QPSK	1732.5	20175	10	1	25	25.44	23.84	0.242
QPSK	1732.5	20175	10	1	49	25.44	23.84	0.242
QPSK	1732.5	20175	10	25	0	24.24	22.64	0.184
QPSK	1732.5	20175	10	25	12	24.28	22.68	0.185
QPSK	1732.5	20175	10	25	25	24.41	22.81	0.191
QPSK	1732.5	20175	10	50	0	24.33	22.73	0.187
QPSK	1750	20350	10	1	0	25.51	23.91	0.246
QPSK	1750	20350	10	1	25	25.40	23.80	0.240
QPSK	1750	20350	10	1	49	25.43	23.83	0.242
QPSK	1750	20350	10	25	0	24.44	22.84	0.192
QPSK	1750	20350	10	25	12	24.49	22.89	0.195
QPSK	1750	20350	10	25	25	24.44	22.84	0.192
QPSK	1750	20350	10	50	0	24.38	22.78	0.190

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	25.01	23.41	0.219
16QAM	1715	20000	10	1	25	25.02	23.42	0.220
16QAM	1715	20000	10	1	49	24.85	23.25	0.211
16QAM	1715	20000	10	25	0	23.56	21.96	0.157
16QAM	1715	20000	10	25	12	23.62	22.02	0.159
16QAM	1715	20000	10	25	25	23.36	21.76	0.150
16QAM	1715	20000	10	50	0	23.64	22.04	0.160
16QAM	1732.5	20175	10	1	0	24.99	23.39	0.218
16QAM	1732.5	20175	10	1	25	24.73	23.13	0.206
16QAM	1732.5	20175	10	1	49	25.11	23.51	0.224
16QAM	1732.5	20175	10	25	0	23.28	21.68	0.147
16QAM	1732.5	20175	10	25	12	23.29	21.69	0.148
16QAM	1732.5	20175	10	25	25	23.45	21.85	0.153
16QAM	1732.5	20175	10	50	0	23.40	21.80	0.151
16QAM	1750	20350	10	1	0	25.22	23.62	0.230
16QAM	1750	20350	10	1	25	25.23	23.63	0.231
16QAM	1750	20350	10	1	49	25.43	23.83	0.242
16QAM	1750	20350	10	25	0	23.68	22.08	0.161
16QAM	1750	20350	10	25	12	23.59	21.99	0.158
16QAM	1750	20350	10	25	25	23.52	21.92	0.156
16QAM	1750	20350	10	50	0	23.50	21.90	0.155
64QAM	1715	20000	10	1	0	24.20	22.60	0.182
64QAM	1715	20000	10	1	25	23.75	22.15	0.164
64QAM	1715	20000	10	1	49	23.92	22.32	0.171
64QAM	1715	20000	10	25	0	22.64	21.04	0.127
64QAM	1715	20000	10	25	12	22.63	21.03	0.127
64QAM	1715	20000	10	25	25	22.50	20.90	0.123
64QAM	1715	20000	10	50	0	22.79	21.19	0.132
64QAM	1732.5	20175	10	1	0	23.13	21.53	0.142
64QAM	1732.5	20175	10	1	25	23.33	21.73	0.149
64QAM	1732.5	20175	10	1	49	23.68	22.08	0.161
64QAM	1732.5	20175	10	25	0	22.30	20.70	0.117
64QAM	1732.5	20175	10	25	12	22.38	20.78	0.120
64QAM	1732.5	20175	10	25	25	22.54	20.94	0.124
64QAM	1732.5	20175	10	50	0	22.57	20.97	0.125
64QAM	1750	20350	10	1	0	23.58	21.98	0.158
64QAM	1750	20350	10	1	25	23.33	21.73	0.149
64QAM	1750	20350	10	1	49	23.70	22.10	0.162
64QAM	1750	20350	10	25	0	22.52	20.92	0.124
64QAM	1750	20350	10	25	12	22.54	20.94	0.124
64QAM	1750	20350	10	25	25	22.56	20.96	0.125
64QAM	1750	20350	10	50	0	22.63	21.03	0.127

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	25.53	23.93	0.247
QPSK	1717.5	20025	15	1	37	25.26	23.66	0.232
QPSK	1717.5	20025	15	1	74	25.25	23.65	0.232
QPSK	1717.5	20025	15	36	0	24.51	22.91	0.195
QPSK	1717.5	20025	15	36	29	24.24	22.64	0.184
QPSK	1717.5	20025	15	36	30	24.25	22.65	0.184
QPSK	1717.5	20025	15	75	0	24.20	22.60	0.182
QPSK	1732.5	20175	15	1	0	25.30	23.70	0.234
QPSK	1732.5	20175	15	1	37	25.31	23.71	0.235
QPSK	1732.5	20175	15	1	74	25.62	24.02	0.252
QPSK	1732.5	20175	15	36	0	24.11	22.51	0.178
QPSK	1732.5	20175	15	36	29	24.39	22.79	0.190
QPSK	1732.5	20175	15	36	30	24.40	22.80	0.191
QPSK	1732.5	20175	15	75	0	24.35	22.75	0.188
QPSK	1747.5	20325	15	1	0	25.09	23.49	0.223
QPSK	1747.5	20325	15	1	37	25.36	23.76	0.238
QPSK	1747.5	20325	15	1	74	25.46	23.86	0.243
QPSK	1747.5	20325	15	36	0	24.49	22.89	0.195
QPSK	1747.5	20325	15	36	29	24.40	22.80	0.191
QPSK	1747.5	20325	15	36	30	24.57	22.97	0.198
QPSK	1747.5	20325	15	75	0	24.43	22.83	0.192

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	25.13	23.53	0.225
16QAM	1717.5	20025	15	1	37	25.35	23.75	0.237
16QAM	1717.5	20025	15	1	74	24.80	23.20	0.209
16QAM	1717.5	20025	15	36	0	23.57	21.97	0.157
16QAM	1717.5	20025	15	36	29	23.32	21.72	0.149
16QAM	1717.5	20025	15	36	30	23.35	21.75	0.150
16QAM	1717.5	20025	15	75	0	23.53	21.93	0.156
16QAM	1732.5	20175	15	1	0	25.06	23.46	0.222
16QAM	1732.5	20175	15	1	37	24.79	23.19	0.208
16QAM	1732.5	20175	15	1	74	25.12	23.52	0.225
16QAM	1732.5	20175	15	36	0	23.26	21.66	0.147
16QAM	1732.5	20175	15	36	29	23.47	21.87	0.154
16QAM	1732.5	20175	15	36	30	23.45	21.85	0.153
16QAM	1732.5	20175	15	75	0	23.44	21.84	0.153
16QAM	1747.5	20325	15	1	0	24.87	23.27	0.212
16QAM	1747.5	20325	15	1	37	24.67	23.07	0.203
16QAM	1747.5	20325	15	1	74	24.82	23.22	0.210
16QAM	1747.5	20325	15	36	0	23.79	22.19	0.166
16QAM	1747.5	20325	15	36	29	23.75	22.15	0.164
16QAM	1747.5	20325	15	36	30	23.75	22.15	0.164
16QAM	1747.5	20325	15	75	0	23.63	22.03	0.160
64QAM	1717.5	20025	15	1	0	23.60	22.00	0.158
64QAM	1717.5	20025	15	1	37	23.32	21.72	0.149
64QAM	1717.5	20025	15	1	74	23.64	22.04	0.160
64QAM	1717.5	20025	15	36	0	22.66	21.06	0.128
64QAM	1717.5	20025	15	36	29	22.58	20.98	0.125
64QAM	1717.5	20025	15	36	30	22.55	20.95	0.124
64QAM	1717.5	20025	15	75	0	22.42	20.82	0.121
64QAM	1732.5	20175	15	1	0	23.45	21.85	0.153
64QAM	1732.5	20175	15	1	37	23.60	22.00	0.158
64QAM	1732.5	20175	15	1	74	23.76	22.16	0.164
64QAM	1732.5	20175	15	36	0	22.39	20.79	0.120
64QAM	1732.5	20175	15	36	29	22.53	20.93	0.124
64QAM	1732.5	20175	15	36	30	22.57	20.97	0.125
64QAM	1732.5	20175	15	75	0	22.45	20.85	0.122
64QAM	1747.5	20325	15	1	0	24.13	22.53	0.179
64QAM	1747.5	20325	15	1	37	24.25	22.65	0.184
64QAM	1747.5	20325	15	1	74	23.85	22.25	0.168
64QAM	1747.5	20325	15	36	0	22.50	20.90	0.123
64QAM	1747.5	20325	15	36	29	22.65	21.05	0.127
64QAM	1747.5	20325	15	36	30	22.62	21.02	0.126
64QAM	1747.5	20325	15	75	0	22.63	21.03	0.127

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	25.66	24.06	0.255
QPSK	1720	20050	20	1	49	25.36	23.76	0.238
QPSK	1720	20050	20	1	99	25.45	23.85	0.243
QPSK	1720	20050	20	50	0	24.47	22.87	0.194
QPSK	1720	20050	20	50	24	24.32	22.72	0.187
QPSK	1720	20050	20	50	50	24.18	22.58	0.181
QPSK	1720	20050	20	100	0	24.36	22.76	0.189
QPSK	1732.5	20175	20	1	0	25.20	23.60	0.229
QPSK	1732.5	20175	20	1	49	25.14	23.54	0.226
QPSK	1732.5	20175	20	1	99	25.63	24.03	0.253
QPSK	1732.5	20175	20	50	0	24.14	22.54	0.179
QPSK	1732.5	20175	20	50	24	24.17	22.57	0.181
QPSK	1732.5	20175	20	50	50	24.34	22.74	0.188
QPSK	1732.5	20175	20	100	0	24.21	22.61	0.182
QPSK	1745	20300	20	1	0	25.32	23.72	0.236
QPSK	1745	20300	20	1	49	25.57	23.97	0.249
QPSK	1745	20300	20	1	99	25.59	23.99	0.251
QPSK	1745	20300	20	50	0	24.39	22.79	0.190
QPSK	1745	20300	20	50	24	24.65	23.05	0.202
QPSK	1745	20300	20	50	50	24.49	22.89	0.195
QPSK	1745	20300	20	100	0	24.56	22.96	0.198

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	25.30	23.70	0.234
16QAM	1720	20050	20	1	49	24.86	23.26	0.212
16QAM	1720	20050	20	1	99	24.73	23.13	0.206
16QAM	1720	20050	20	50	0	23.55	21.95	0.157
16QAM	1720	20050	20	50	24	23.44	21.84	0.153
16QAM	1720	20050	20	50	50	23.41	21.81	0.152
16QAM	1720	20050	20	100	0	23.43	21.83	0.152
16QAM	1732.5	20175	20	1	0	24.84	23.24	0.211
16QAM	1732.5	20175	20	1	49	24.82	23.22	0.210
16QAM	1732.5	20175	20	1	99	25.50	23.90	0.245
16QAM	1732.5	20175	20	50	0	23.43	21.83	0.152
16QAM	1732.5	20175	20	50	24	23.41	21.81	0.152
16QAM	1732.5	20175	20	50	50	23.60	22.00	0.158
16QAM	1732.5	20175	20	100	0	23.41	21.81	0.152
16QAM	1745	20300	20	1	0	24.52	22.92	0.196
16QAM	1745	20300	20	1	49	24.85	23.25	0.211
16QAM	1745	20300	20	1	99	24.40	22.80	0.191
16QAM	1745	20300	20	50	0	23.68	22.08	0.161
16QAM	1745	20300	20	50	24	23.77	22.17	0.165
16QAM	1745	20300	20	50	50	23.67	22.07	0.161
16QAM	1745	20300	20	100	0	23.72	22.12	0.163
64QAM	1720	20050	20	1	0	23.47	21.87	0.154
64QAM	1720	20050	20	1	49	23.63	22.03	0.160
64QAM	1720	20050	20	1	99	23.37	21.77	0.150
64QAM	1720	20050	20	50	0	22.64	21.04	0.127
64QAM	1720	20050	20	50	24	22.53	20.93	0.124
64QAM	1720	20050	20	50	50	22.44	20.84	0.121
64QAM	1720	20050	20	100	0	22.53	20.93	0.124
64QAM	1732.5	20175	20	1	0	24.03	22.43	0.175
64QAM	1732.5	20175	20	1	49	23.39	21.79	0.151
64QAM	1732.5	20175	20	1	99	23.80	22.20	0.166
64QAM	1732.5	20175	20	50	0	22.49	20.89	0.123
64QAM	1732.5	20175	20	50	24	22.52	20.92	0.124
64QAM	1732.5	20175	20	50	50	22.68	21.08	0.128
64QAM	1732.5	20175	20	100	0	22.51	20.91	0.123
64QAM	1745	20300	20	1	0	23.75	22.15	0.164
64QAM	1745	20300	20	1	49	23.70	22.10	0.162
64QAM	1745	20300	20	1	99	23.76	22.16	0.164
64QAM	1745	20300	20	50	0	22.68	21.08	0.128
64QAM	1745	20300	20	50	24	22.81	21.21	0.132
64QAM	1745	20300	20	50	50	22.87	21.27	0.134
64QAM	1745	20300	20	100	0	22.73	21.13	0.130