Test Mode: QPSK

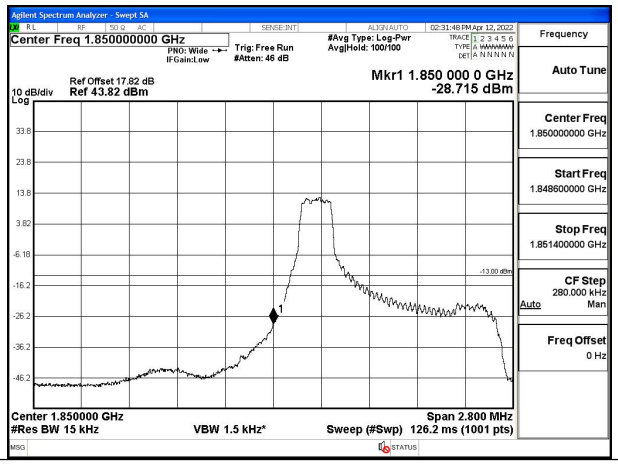

Fig.1

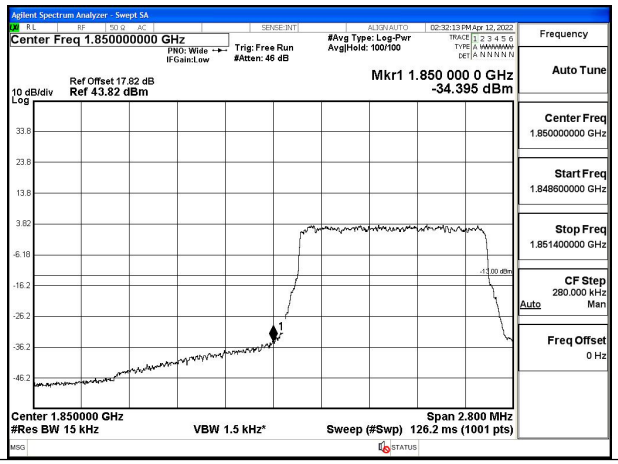

Fig.2

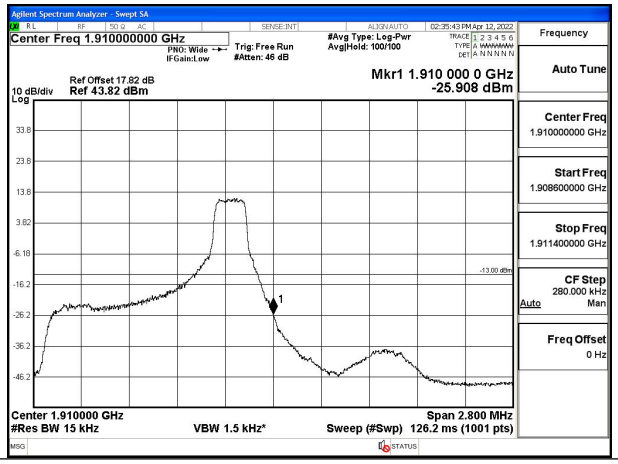

Fig.3

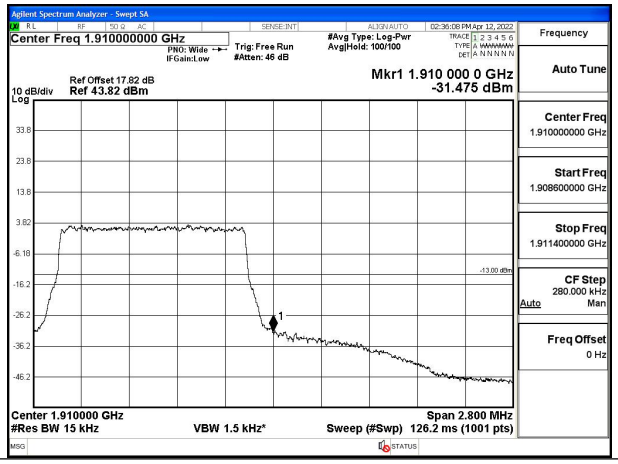

Fig.4

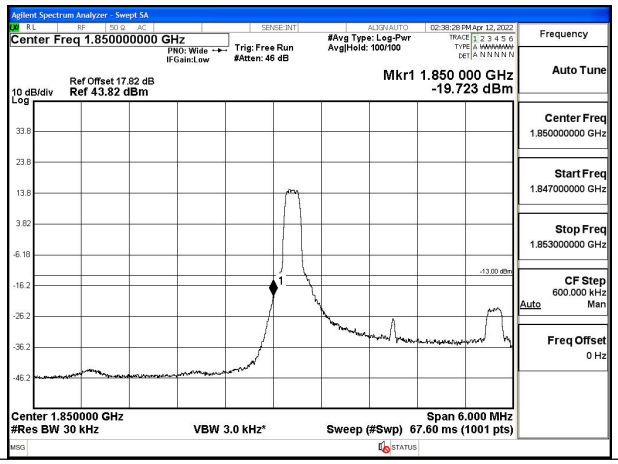

Fig.5

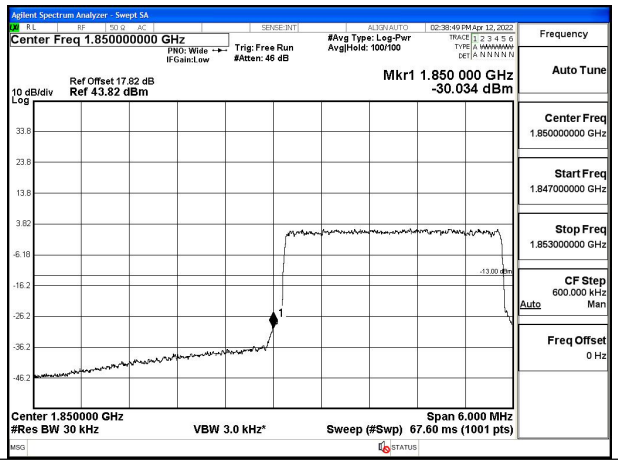

Fig.6

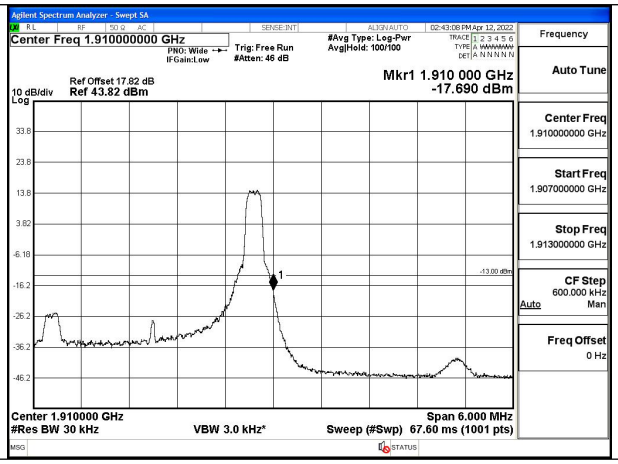

Fig.7

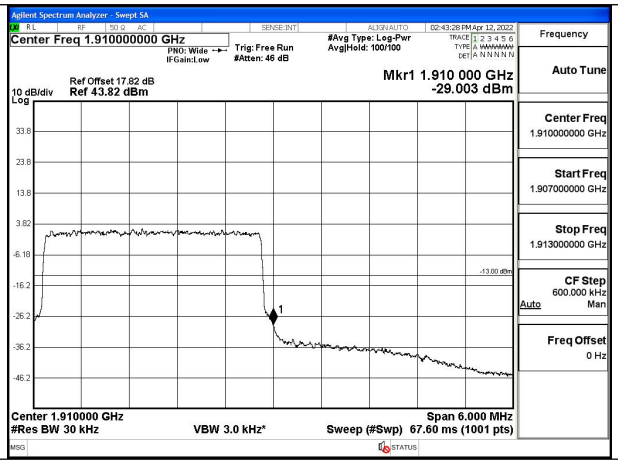

Fig.8

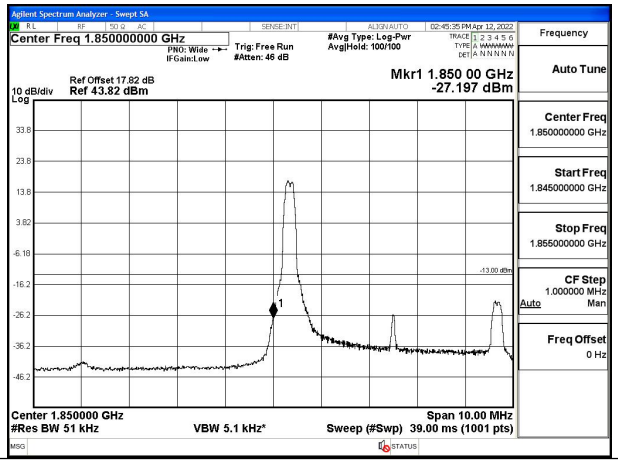

Fig.9

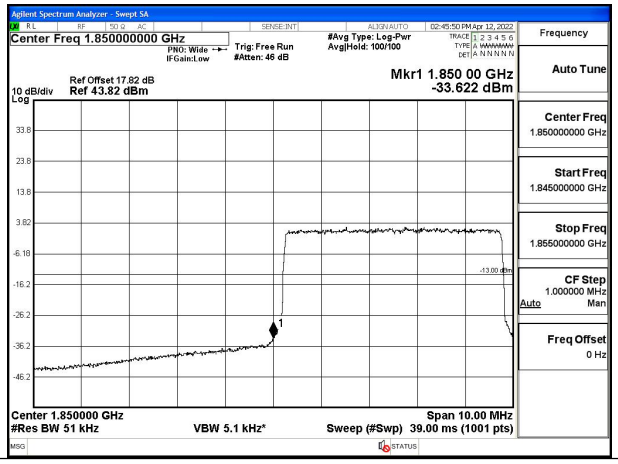

Fig.10

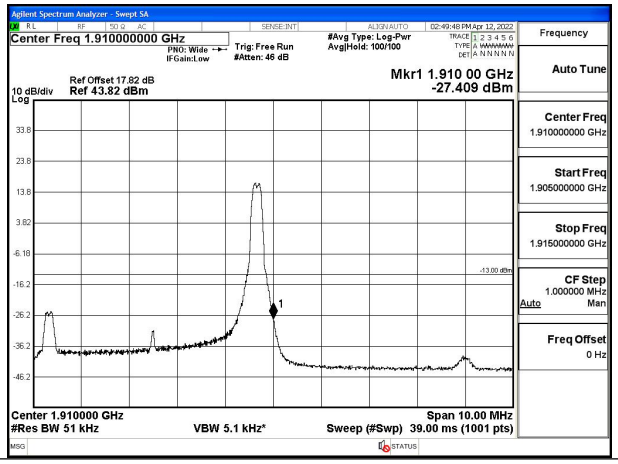

Fig.11

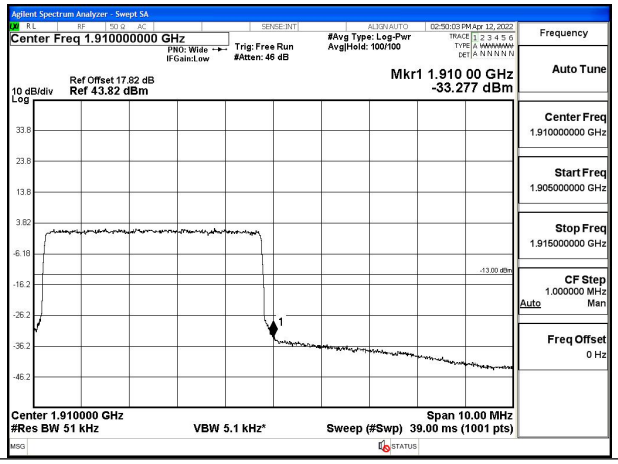

Fig.12

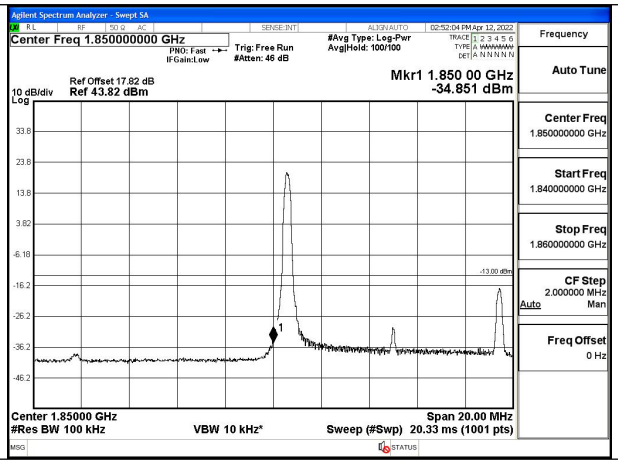

Fig.13

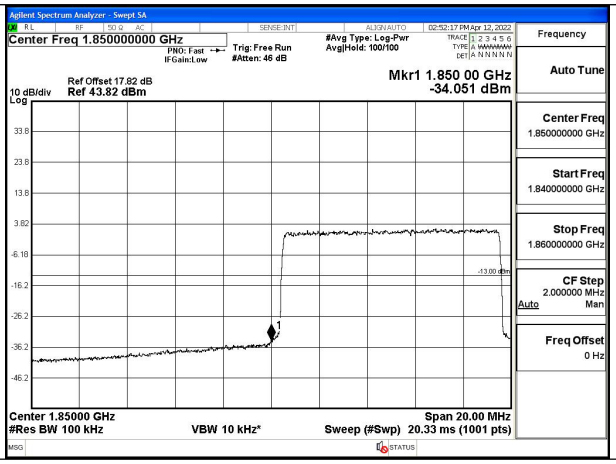

Fig.14

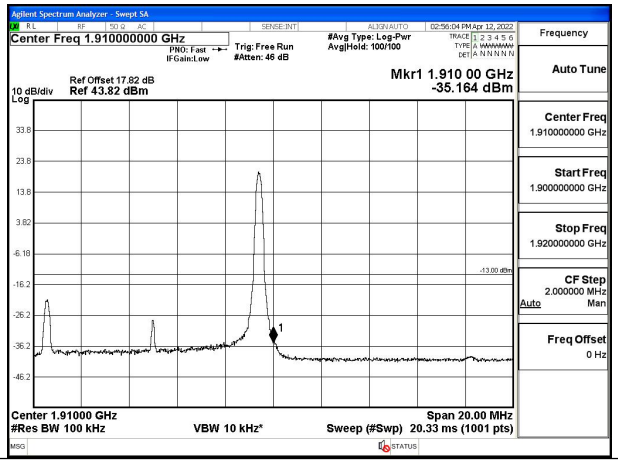

Fig.15

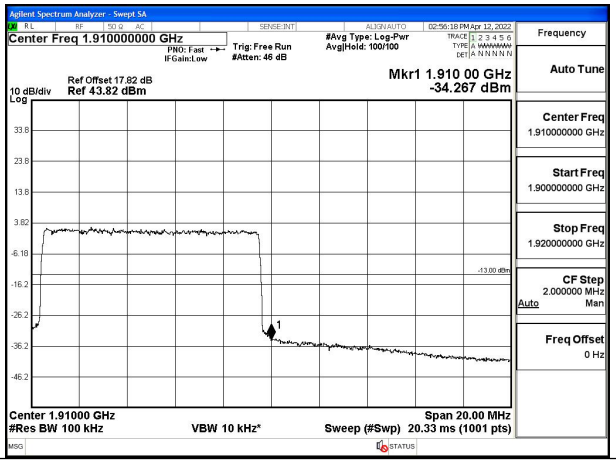

Fig.16

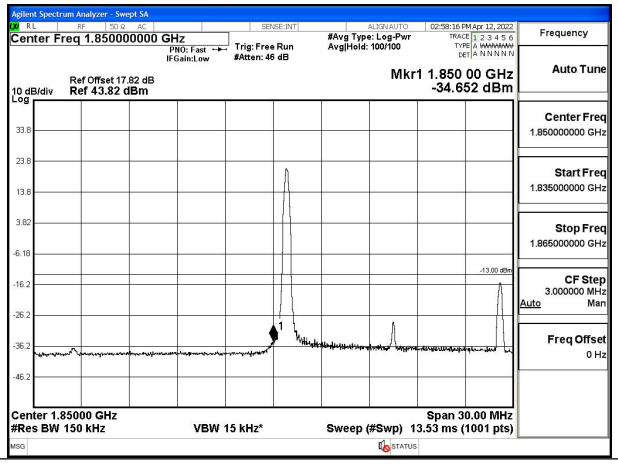

Fig.17

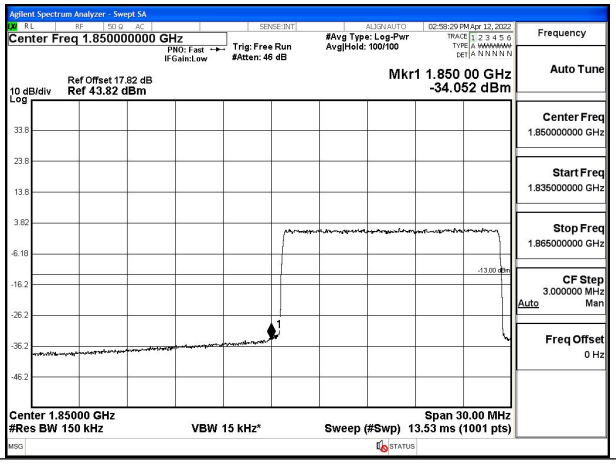

Fig.18

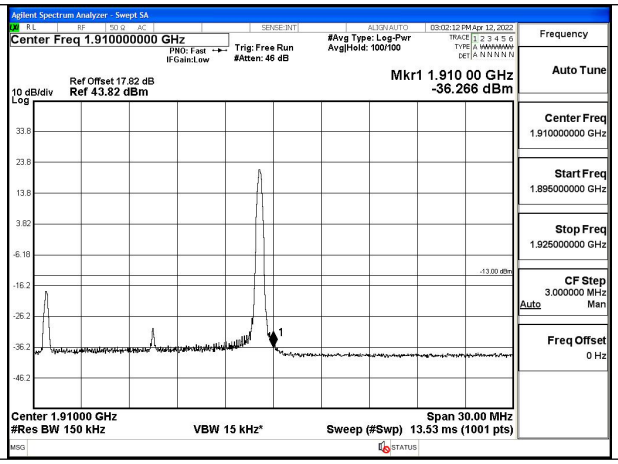

Fig.19

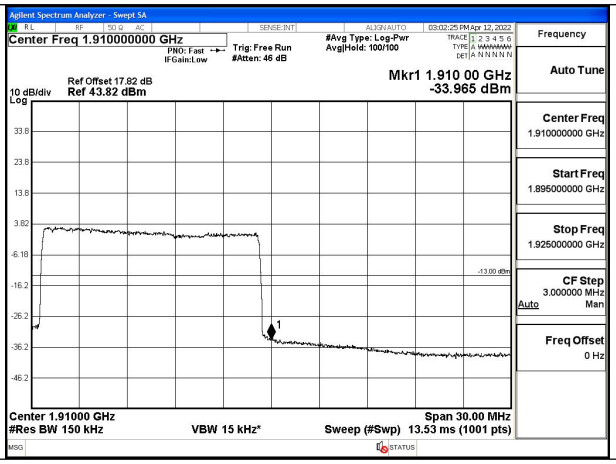

Fig.20

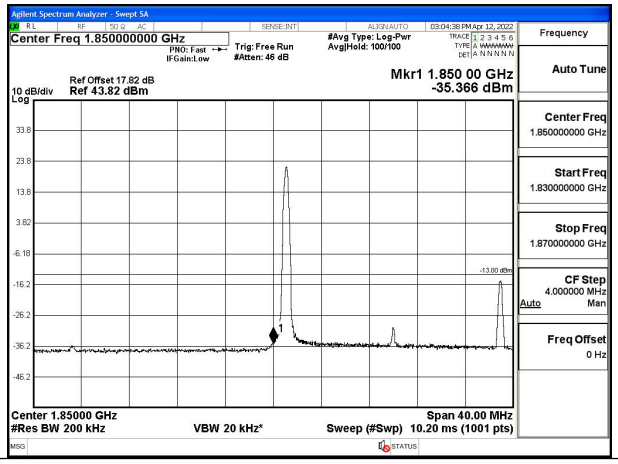

Fig.21

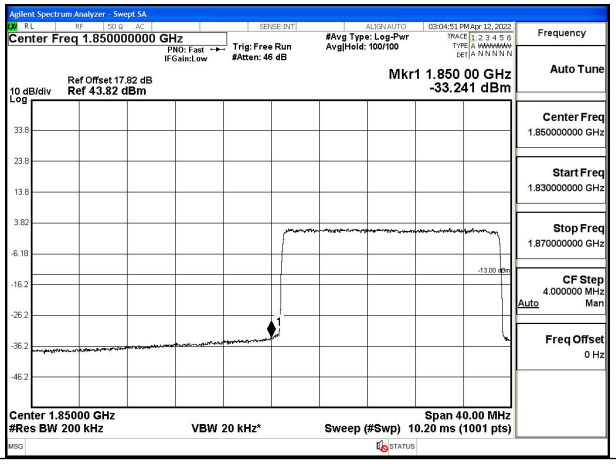

Fig.22

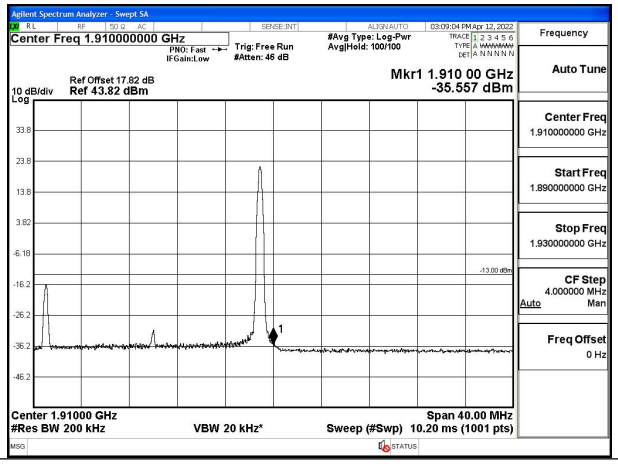

Fig.23

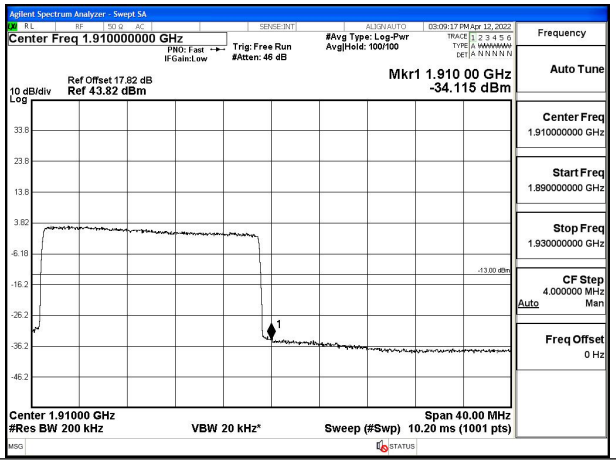

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	0.011	-0.003	-0.010	-0.011	-0.011	-0.016
-10	NV	-0.016	-0.016	-0.001	0.015	0.002	0.017
0	NV	0.009	0.005	-0.015	-0.003	0.024	0.021
+10	NV	-0.029	-0.024	-0.020	-0.012	-0.017	-0.023
+20	NV	-0.013	-0.019	-0.009	-0.009	-0.012	-0.018
+30	NV	-0.016	-0.018	-0.009	-0.013	-0.007	0.009
+40	NV	0.032	-0.013	-0.023	-0.013	-0.010	0.005
+50	NV	0.015	-0.003	-0.020	-0.022	0.006	-0.007
+55	NV	-0.021	-0.021	-0.030	-0.029	-0.025	-0.017
+20	LV	-0.006	-0.019	-0.006	-0.024	-0.020	---
+20	HV	-0.015	-0.020	-0.008	-0.023	-0.019	-0.010

Temperature(°C)	Voltage	Test Result (ppm) Band 2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-20	NV	-0.022	0.021	0.023	0.015	0.007	0.003
-10	NV	0.011	0.008	-0.017	0.014	0.008	-0.018
0	NV	-0.013	0.006	-0.013	0.012	0.008	0.010
+10	NV	-0.014	-0.018	-0.019	-0.018	-0.018	-0.017
+20	NV	0.006	0.023	0.017	-0.003	0.007	0.019
+30	NV	-0.028	-0.021	-0.005	-0.014	-0.006	-0.020
+40	NV	-0.022	0.019	0.019	0.010	0.010	0.023
+50	NV	-0.013	-0.025	-0.012	0.002	-0.016	-0.012
+55	NV	-0.018	-0.014	-0.008	-0.018	-0.012	-0.022
+20	LV	0.012	-0.012	0.005	0.008	0.020	0.005
+20	HV	0.007	-0.018	0.016	0.009	-0.011	-0.015

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1850.7	18607	1.4	1	0	24.70	23.30	0.214
QPSK	1850.7	18607	1.4	1	3	24.66	23.26	0.212
QPSK	1850.7	18607	1.4	1	5	24.66	23.26	0.212
QPSK	1850.7	18607	1.4	3	0	24.74	23.34	0.216
QPSK	1850.7	18607	1.4	3	1	24.80	23.40	0.219
QPSK	1850.7	18607	1.4	3	3	24.66	23.26	0.212
QPSK	1850.7	18607	1.4	6	0	23.82	22.42	0.175
QPSK	1880	18900	1.4	1	0	23.83	22.43	0.175
QPSK	1880	18900	1.4	1	3	23.95	22.55	0.180
QPSK	1880	18900	1.4	1	5	24.16	22.76	0.189
QPSK	1880	18900	1.4	3	0	24.05	22.65	0.184
QPSK	1880	18900	1.4	3	1	24.10	22.70	0.186
QPSK	1880	18900	1.4	3	3	24.24	22.84	0.192
QPSK	1880	18900	1.4	6	0	23.05	21.65	0.146
QPSK	1909.3	19193	1.4	1	0	24.12	22.72	0.187
QPSK	1909.3	19193	1.4	1	3	24.08	22.68	0.185
QPSK	1909.3	19193	1.4	1	5	24.12	22.72	0.187
QPSK	1909.3	19193	1.4	3	0	23.85	22.45	0.176
QPSK	1909.3	19193	1.4	3	1	23.82	22.42	0.175
QPSK	1909.3	19193	1.4	3	3	23.73	22.33	0.171
QPSK	1909.3	19193	1.4	6	0	22.71	21.31	0.135

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1850.7	18607	1.4	1	0	23.69	22.29	0.169
16QAM	1850.7	18607	1.4	1	3	23.69	22.29	0.169
16QAM	1850.7	18607	1.4	1	5	23.88	22.48	0.177
16QAM	1850.7	18607	1.4	3	0	23.95	22.55	0.180
16QAM	1850.7	18607	1.4	3	1	24.02	22.62	0.183
16QAM	1850.7	18607	1.4	3	3	23.96	22.56	0.180
16QAM	1850.7	18607	1.4	6	0	22.59	21.19	0.132
16QAM	1880	18900	1.4	1	0	22.32	20.92	0.124
16QAM	1880	18900	1.4	1	3	22.32	20.92	0.124
16QAM	1880	18900	1.4	1	5	22.28	20.88	0.122
16QAM	1880	18900	1.4	3	0	23.09	21.69	0.148
16QAM	1880	18900	1.4	3	1	22.95	21.55	0.143
16QAM	1880	18900	1.4	3	3	23.14	21.74	0.149
16QAM	1880	18900	1.4	6	0	22.29	20.89	0.123
16QAM	1909.3	19193	1.4	1	0	23.18	21.78	0.151
16QAM	1909.3	19193	1.4	1	3	22.75	21.35	0.136
16QAM	1909.3	19193	1.4	1	5	23.05	21.65	0.146
16QAM	1909.3	19193	1.4	3	0	22.76	21.36	0.137
16QAM	1909.3	19193	1.4	3	1	23.03	21.63	0.146
16QAM	1909.3	19193	1.4	3	3	22.90	21.50	0.141
16QAM	1909.3	19193	1.4	6	0	21.66	20.26	0.106
64QAM	1850.7	18607	1.4	1	0	22.79	21.39	0.138
64QAM	1850.7	18607	1.4	1	3	22.59	21.19	0.132
64QAM	1850.7	18607	1.4	1	5	22.81	21.41	0.138
64QAM	1850.7	18607	1.4	3	0	22.60	21.20	0.132
64QAM	1850.7	18607	1.4	3	1	22.28	20.88	0.122
64QAM	1850.7	18607	1.4	3	3	22.60	21.20	0.132
64QAM	1850.7	18607	1.4	6	0	20.80	19.40	0.087
64QAM	1880	18900	1.4	1	0	22.19	20.79	0.120
64QAM	1880	18900	1.4	1	3	22.23	20.83	0.121
64QAM	1880	18900	1.4	1	5	22.24	20.84	0.121
64QAM	1880	18900	1.4	3	0	22.31	20.91	0.123
64QAM	1880	18900	1.4	3	1	22.01	20.61	0.115
64QAM	1880	18900	1.4	3	3	21.59	20.19	0.104
64QAM	1880	18900	1.4	6	0	20.06	18.66	0.073
64QAM	1909.3	19193	1.4	1	0	21.65	20.25	0.106
64QAM	1909.3	19193	1.4	1	3	21.86	20.46	0.111
64QAM	1909.3	19193	1.4	1	5	21.71	20.31	0.107
64QAM	1909.3	19193	1.4	3	0	21.74	20.34	0.108
64QAM	1909.3	19193	1.4	3	1	21.76	20.36	0.109
64QAM	1909.3	19193	1.4	3	3	21.71	20.31	0.107
64QAM	1909.3	19193	1.4	6	0	19.81	18.41	0.069

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	25.21	23.81	0.240
QPSK	1851.5	18615	3	1	8	24.84	23.44	0.221
QPSK	1851.5	18615	3	1	14	24.54	23.14	0.206
QPSK	1851.5	18615	3	8	0	23.91	22.51	0.178
QPSK	1851.5	18615	3	8	4	23.68	22.28	0.169
QPSK	1851.5	18615	3	8	7	23.50	22.10	0.162
QPSK	1851.5	18615	3	15	0	23.80	22.40	0.174
QPSK	1880	18900	3	1	0	22.65	21.25	0.133
QPSK	1880	18900	3	1	8	22.63	21.23	0.133
QPSK	1880	18900	3	1	14	22.58	21.18	0.131
QPSK	1880	18900	3	8	0	21.42	20.02	0.100
QPSK	1880	18900	3	8	4	21.43	20.03	0.101
QPSK	1880	18900	3	8	7	21.41	20.01	0.100
QPSK	1880	18900	3	15	0	21.41	20.01	0.100
QPSK	1908.5	19185	3	1	0	22.93	21.53	0.142
QPSK	1908.5	19185	3	1	8	23.01	21.61	0.145
QPSK	1908.5	19185	3	1	14	23.12	21.72	0.149
QPSK	1908.5	19185	3	8	0	21.72	20.32	0.108
QPSK	1908.5	19185	3	8	4	21.82	20.42	0.110
QPSK	1908.5	19185	3	8	7	21.70	20.30	0.107
QPSK	1908.5	19185	3	15	0	21.79	20.39	0.109

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1851.5	18615	3	1	0	24.56	23.16	0.207
16QAM	1851.5	18615	3	1	8	23.94	22.54	0.179
16QAM	1851.5	18615	3	1	14	24.05	22.65	0.184
16QAM	1851.5	18615	3	8	0	22.98	21.58	0.144
16QAM	1851.5	18615	3	8	4	22.95	21.55	0.143
16QAM	1851.5	18615	3	8	7	22.64	21.24	0.133
16QAM	1851.5	18615	3	15	0	22.81	21.41	0.138
16QAM	1880	18900	3	1	0	20.87	19.47	0.089
16QAM	1880	18900	3	1	8	20.39	18.99	0.079
16QAM	1880	18900	3	1	14	20.93	19.53	0.090
16QAM	1880	18900	3	8	0	20.73	19.33	0.086
16QAM	1880	18900	3	8	4	20.44	19.04	0.080
16QAM	1880	18900	3	8	7	20.47	19.07	0.081
16QAM	1880	18900	3	15	0	20.73	19.33	0.086
16QAM	1908.5	19185	3	1	0	22.32	20.92	0.124
16QAM	1908.5	19185	3	1	8	21.68	20.28	0.107
16QAM	1908.5	19185	3	1	14	22.51	21.11	0.129
16QAM	1908.5	19185	3	8	0	20.70	19.30	0.085
16QAM	1908.5	19185	3	8	4	20.72	19.32	0.086
16QAM	1908.5	19185	3	8	7	21.01	19.61	0.091
16QAM	1908.5	19185	3	15	0	20.69	19.29	0.085
64QAM	1851.5	18615	3	1	0	22.97	21.57	0.144
64QAM	1851.5	18615	3	1	8	22.99	21.59	0.144
64QAM	1851.5	18615	3	1	14	22.70	21.30	0.135
64QAM	1851.5	18615	3	8	0	20.77	19.37	0.086
64QAM	1851.5	18615	3	8	4	20.67	19.27	0.085
64QAM	1851.5	18615	3	8	7	20.80	19.40	0.087
64QAM	1851.5	18615	3	15	0	20.71	19.31	0.085
64QAM	1880	18900	3	1	0	20.80	19.40	0.087
64QAM	1880	18900	3	1	8	20.30	18.90	0.078
64QAM	1880	18900	3	1	14	20.29	18.89	0.077
64QAM	1880	18900	3	8	0	18.56	17.16	0.052
64QAM	1880	18900	3	8	4	18.72	17.32	0.054
64QAM	1880	18900	3	8	7	18.64	17.24	0.053
64QAM	1880	18900	3	15	0	18.59	17.19	0.052
64QAM	1908.5	19185	3	1	0	20.00	18.60	0.072
64QAM	1908.5	19185	3	1	8	20.88	19.48	0.089
64QAM	1908.5	19185	3	1	14	21.11	19.71	0.094
64QAM	1908.5	19185	3	8	0	18.73	17.33	0.054
64QAM	1908.5	19185	3	8	4	18.68	17.28	0.053
64QAM	1908.5	19185	3	8	7	18.78	17.38	0.055
64QAM	1908.5	19185	3	15	0	18.73	17.33	0.054

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	24.84	23.44	0.221
QPSK	1852.5	18625	5	1	12	24.45	23.05	0.202
QPSK	1852.5	18625	5	1	24	24.21	22.81	0.191
QPSK	1852.5	18625	5	12	0	23.55	22.15	0.164
QPSK	1852.5	18625	5	12	7	23.41	22.01	0.159
QPSK	1852.5	18625	5	12	13	23.24	21.84	0.153
QPSK	1852.5	18625	5	25	0	23.40	22.00	0.158
QPSK	1880	18900	5	1	0	22.45	21.05	0.127
QPSK	1880	18900	5	1	12	22.64	21.24	0.133
QPSK	1880	18900	5	1	24	22.64	21.24	0.133
QPSK	1880	18900	5	12	0	21.32	19.92	0.098
QPSK	1880	18900	5	12	7	21.44	20.04	0.101
QPSK	1880	18900	5	12	13	21.29	19.89	0.097
QPSK	1880	18900	5	25	0	21.32	19.92	0.098
QPSK	1907.5	19175	5	1	0	22.89	21.49	0.141
QPSK	1907.5	19175	5	1	12	23.05	21.65	0.146
QPSK	1907.5	19175	5	1	24	23.12	21.72	0.149
QPSK	1907.5	19175	5	12	0	21.59	20.19	0.104
QPSK	1907.5	19175	5	12	7	21.80	20.40	0.110
QPSK	1907.5	19175	5	12	13	21.90	20.50	0.112
QPSK	1907.5	19175	5	25	0	21.66	20.26	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1852.5	18625	5	1	0	23.71	22.31	0.170
16QAM	1852.5	18625	5	1	12	23.39	21.99	0.158
16QAM	1852.5	18625	5	1	24	23.11	21.71	0.148
16QAM	1852.5	18625	5	12	0	22.86	21.46	0.140
16QAM	1852.5	18625	5	12	7	22.42	21.02	0.126
16QAM	1852.5	18625	5	12	13	22.45	21.05	0.127
16QAM	1852.5	18625	5	25	0	22.78	21.38	0.137
16QAM	1880	18900	5	1	0	21.69	20.29	0.107
16QAM	1880	18900	5	1	12	21.85	20.45	0.111
16QAM	1880	18900	5	1	24	21.35	19.95	0.099
16QAM	1880	18900	5	12	0	20.58	19.18	0.083
16QAM	1880	18900	5	12	7	20.57	19.17	0.083
16QAM	1880	18900	5	12	13	20.48	19.08	0.081
16QAM	1880	18900	5	25	0	20.95	19.55	0.090
16QAM	1907.5	19175	5	1	0	21.53	20.13	0.103
16QAM	1907.5	19175	5	1	12	21.28	19.88	0.097
16QAM	1907.5	19175	5	1	24	22.08	20.68	0.117
16QAM	1907.5	19175	5	12	0	20.69	19.29	0.085
16QAM	1907.5	19175	5	12	7	20.78	19.38	0.087
16QAM	1907.5	19175	5	12	13	20.73	19.33	0.086
16QAM	1907.5	19175	5	25	0	20.66	19.26	0.084
64QAM	1852.5	18625	5	1	0	22.78	21.38	0.137
64QAM	1852.5	18625	5	1	12	22.53	21.13	0.130
64QAM	1852.5	18625	5	1	24	22.13	20.73	0.118
64QAM	1852.5	18625	5	12	0	20.63	19.23	0.084
64QAM	1852.5	18625	5	12	7	20.78	19.38	0.087
64QAM	1852.5	18625	5	12	13	20.62	19.22	0.084
64QAM	1852.5	18625	5	25	0	20.56	19.16	0.082
64QAM	1880	18900	5	1	0	20.82	19.42	0.087
64QAM	1880	18900	5	1	12	20.76	19.36	0.086
64QAM	1880	18900	5	1	24	21.02	19.62	0.092
64QAM	1880	18900	5	12	0	18.47	17.07	0.051
64QAM	1880	18900	5	12	7	18.62	17.22	0.053
64QAM	1880	18900	5	12	13	18.37	16.97	0.050
64QAM	1880	18900	5	25	0	18.41	17.01	0.050
64QAM	1907.5	19175	5	1	0	20.83	19.43	0.088
64QAM	1907.5	19175	5	1	12	20.74	19.34	0.086
64QAM	1907.5	19175	5	1	24	20.60	19.20	0.083
64QAM	1907.5	19175	5	12	0	18.64	17.24	0.053
64QAM	1907.5	19175	5	12	7	18.99	17.59	0.057
64QAM	1907.5	19175	5	12	13	18.67	17.27	0.053
64QAM	1907.5	19175	5	25	0	18.72	17.32	0.054

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	24.75	23.35	0.216
QPSK	1855	18650	10	1	25	24.28	22.88	0.194
QPSK	1855	18650	10	1	49	23.63	22.23	0.167
QPSK	1855	18650	10	25	0	23.35	21.95	0.157
QPSK	1855	18650	10	25	12	23.17	21.77	0.150
QPSK	1855	18650	10	25	25	22.97	21.57	0.144
QPSK	1855	18650	10	50	0	23.12	21.72	0.149
QPSK	1880	18900	10	1	0	22.57	21.17	0.131
QPSK	1880	18900	10	1	25	22.53	21.13	0.130
QPSK	1880	18900	10	1	49	22.66	21.26	0.134
QPSK	1880	18900	10	25	0	21.68	20.28	0.107
QPSK	1880	18900	10	25	12	21.27	19.87	0.097
QPSK	1880	18900	10	25	25	21.25	19.85	0.097
QPSK	1880	18900	10	50	0	21.30	19.90	0.098
QPSK	1905	19150	10	1	0	22.50	21.10	0.129
QPSK	1905	19150	10	1	25	22.70	21.30	0.135
QPSK	1905	19150	10	1	49	22.85	21.45	0.140
QPSK	1905	19150	10	25	0	21.38	19.98	0.100
QPSK	1905	19150	10	25	12	21.50	20.10	0.102
QPSK	1905	19150	10	25	25	21.61	20.21	0.105
QPSK	1905	19150	10	50	0	21.64	20.24	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1855	18650	10	1	0	24.45	23.05	0.202
16QAM	1855	18650	10	1	25	24.12	22.72	0.187
16QAM	1855	18650	10	1	49	23.05	21.65	0.146
16QAM	1855	18650	10	25	0	22.62	21.22	0.132
16QAM	1855	18650	10	25	12	22.34	20.94	0.124
16QAM	1855	18650	10	25	25	21.86	20.46	0.111
16QAM	1855	18650	10	50	0	22.20	20.80	0.120
16QAM	1880	18900	10	1	0	22.47	21.07	0.128
16QAM	1880	18900	10	1	25	22.18	20.78	0.120
16QAM	1880	18900	10	1	49	22.48	21.08	0.128
16QAM	1880	18900	10	25	0	20.60	19.20	0.083
16QAM	1880	18900	10	25	12	20.77	19.37	0.086
16QAM	1880	18900	10	25	25	20.81	19.41	0.087
16QAM	1880	18900	10	50	0	20.68	19.28	0.085
16QAM	1905	19150	10	1	0	21.55	20.15	0.104
16QAM	1905	19150	10	1	25	21.93	20.53	0.113
16QAM	1905	19150	10	1	49	22.37	20.97	0.125
16QAM	1905	19150	10	25	0	20.48	19.08	0.081
16QAM	1905	19150	10	25	12	20.55	19.15	0.082
16QAM	1905	19150	10	25	25	20.71	19.31	0.085
16QAM	1905	19150	10	50	0	20.62	19.22	0.084
64QAM	1855	18650	10	1	0	22.75	21.35	0.136
64QAM	1855	18650	10	1	25	21.97	20.57	0.114
64QAM	1855	18650	10	1	49	22.06	20.66	0.116
64QAM	1855	18650	10	25	0	20.45	19.05	0.080
64QAM	1855	18650	10	25	12	20.43	19.03	0.080
64QAM	1855	18650	10	25	25	20.43	19.03	0.080
64QAM	1855	18650	10	50	0	20.46	19.06	0.081
64QAM	1880	18900	10	1	0	20.71	19.31	0.085
64QAM	1880	18900	10	1	25	20.62	19.22	0.084
64QAM	1880	18900	10	1	49	20.15	18.75	0.075
64QAM	1880	18900	10	25	0	18.74	17.34	0.054
64QAM	1880	18900	10	25	12	18.65	17.25	0.053
64QAM	1880	18900	10	25	25	18.95	17.55	0.057
64QAM	1880	18900	10	50	0	18.67	17.27	0.053
64QAM	1905	19150	10	1	0	20.19	18.79	0.076
64QAM	1905	19150	10	1	25	20.68	19.28	0.085
64QAM	1905	19150	10	1	49	20.93	19.53	0.090
64QAM	1905	19150	10	25	0	19.17	17.77	0.060
64QAM	1905	19150	10	25	12	19.12	17.72	0.059
64QAM	1905	19150	10	25	25	19.00	17.60	0.058
64QAM	1905	19150	10	50	0	19.14	17.74	0.059

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	25.13	23.73	0.236
QPSK	1857.5	18675	15	1	37	24.11	22.71	0.187
QPSK	1857.5	18675	15	1	74	23.44	22.04	0.160
QPSK	1857.5	18675	15	36	0	23.35	21.95	0.157
QPSK	1857.5	18675	15	36	29	22.66	21.26	0.134
QPSK	1857.5	18675	15	36	30	22.68	21.28	0.134
QPSK	1857.5	18675	15	75	0	22.91	21.51	0.142
QPSK	1880	18900	15	1	0	22.59	21.19	0.132
QPSK	1880	18900	15	1	37	22.69	21.29	0.135
QPSK	1880	18900	15	1	74	22.58	21.18	0.131
QPSK	1880	18900	15	36	0	21.60	20.20	0.105
QPSK	1880	18900	15	36	29	21.35	19.95	0.099
QPSK	1880	18900	15	36	30	21.36	19.96	0.099
QPSK	1880	18900	15	75	0	21.30	19.90	0.098
QPSK	1902.5	19125	15	1	0	22.57	21.17	0.131
QPSK	1902.5	19125	15	1	37	22.76	21.36	0.137
QPSK	1902.5	19125	15	1	74	23.10	21.70	0.148
QPSK	1902.5	19125	15	36	0	21.26	19.86	0.097
QPSK	1902.5	19125	15	36	29	21.50	20.10	0.102
QPSK	1902.5	19125	15	36	30	21.43	20.03	0.101
QPSK	1902.5	19125	15	75	0	21.40	20.00	0.100

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1857.5	18675	15	1	0	23.61	22.21	0.166
16QAM	1857.5	18675	15	1	37	22.71	21.31	0.135
16QAM	1857.5	18675	15	1	74	22.49	21.09	0.129
16QAM	1857.5	18675	15	36	0	22.34	20.94	0.124
16QAM	1857.5	18675	15	36	29	21.92	20.52	0.113
16QAM	1857.5	18675	15	36	30	22.04	20.64	0.116
16QAM	1857.5	18675	15	75	0	22.21	20.81	0.121
16QAM	1880	18900	15	1	0	21.14	19.74	0.094
16QAM	1880	18900	15	1	37	21.17	19.77	0.095
16QAM	1880	18900	15	1	74	21.04	19.64	0.092
16QAM	1880	18900	15	36	0	20.94	19.54	0.090
16QAM	1880	18900	15	36	29	20.60	19.20	0.083
16QAM	1880	18900	15	36	30	20.53	19.13	0.082
16QAM	1880	18900	15	75	0	20.53	19.13	0.082
16QAM	1902.5	19125	15	1	0	21.88	20.48	0.112
16QAM	1902.5	19125	15	1	37	22.27	20.87	0.122
16QAM	1902.5	19125	15	1	74	22.22	20.82	0.121
16QAM	1902.5	19125	15	36	0	20.45	19.05	0.080
16QAM	1902.5	19125	15	36	29	20.48	19.08	0.081
16QAM	1902.5	19125	15	36	30	20.61	19.21	0.083
16QAM	1902.5	19125	15	75	0	20.61	19.21	0.083
64QAM	1857.5	18675	15	1	0	22.65	21.25	0.133
64QAM	1857.5	18675	15	1	37	22.01	20.61	0.115
64QAM	1857.5	18675	15	1	74	21.01	19.61	0.091
64QAM	1857.5	18675	15	36	0	20.55	19.15	0.082
64QAM	1857.5	18675	15	36	29	19.95	18.55	0.072
64QAM	1857.5	18675	15	36	30	20.01	18.61	0.073
64QAM	1857.5	18675	15	75	0	20.17	18.77	0.075
64QAM	1880	18900	15	1	0	20.38	18.98	0.079
64QAM	1880	18900	15	1	37	21.05	19.65	0.092
64QAM	1880	18900	15	1	74	20.66	19.26	0.084
64QAM	1880	18900	15	36	0	19.01	17.61	0.058
64QAM	1880	18900	15	36	29	18.73	17.33	0.054
64QAM	1880	18900	15	36	30	18.74	17.34	0.054
64QAM	1880	18900	15	75	0	18.96	17.56	0.057
64QAM	1902.5	19125	15	1	0	20.21	18.81	0.076
64QAM	1902.5	19125	15	1	37	20.58	19.18	0.083
64QAM	1902.5	19125	15	1	74	20.91	19.51	0.089
64QAM	1902.5	19125	15	36	0	19.26	17.86	0.061
64QAM	1902.5	19125	15	36	29	18.52	17.12	0.052
64QAM	1902.5	19125	15	36	30	18.51	17.11	0.051
64QAM	1902.5	19125	15	75	0	18.92	17.52	0.056

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	24.93	23.53	0.225
QPSK	1860	18700	20	1	49	23.88	22.48	0.177
QPSK	1860	18700	20	1	99	23.13	21.73	0.149
QPSK	1860	18700	20	50	0	23.18	21.78	0.151
QPSK	1860	18700	20	50	24	22.67	21.27	0.134
QPSK	1860	18700	20	50	50	22.13	20.73	0.118
QPSK	1860	18700	20	100	0	22.76	21.36	0.137
QPSK	1880	18900	20	1	0	22.63	21.23	0.133
QPSK	1880	18900	20	1	49	22.51	21.11	0.129
QPSK	1880	18900	20	1	99	22.53	21.13	0.130
QPSK	1880	18900	20	50	0	21.68	20.28	0.107
QPSK	1880	18900	20	50	24	21.34	19.94	0.099
QPSK	1880	18900	20	50	50	21.46	20.06	0.101
QPSK	1880	18900	20	100	0	21.38	19.98	0.100
QPSK	1900	19100	20	1	0	22.48	21.08	0.128
QPSK	1900	19100	20	1	49	22.60	21.20	0.132
QPSK	1900	19100	20	1	99	23.14	21.74	0.149
QPSK	1900	19100	20	50	0	21.36	19.96	0.099
QPSK	1900	19100	20	50	24	21.24	19.84	0.096
QPSK	1900	19100	20	50	50	21.54	20.14	0.103
QPSK	1900	19100	20	100	0	21.48	20.08	0.102

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1860	18700	20	1	0	23.56	22.16	0.164
16QAM	1860	18700	20	1	49	22.49	21.09	0.129
16QAM	1860	18700	20	1	99	21.64	20.24	0.106
16QAM	1860	18700	20	50	0	22.19	20.79	0.120
16QAM	1860	18700	20	50	24	22.07	20.67	0.117
16QAM	1860	18700	20	50	50	21.20	19.80	0.095
16QAM	1860	18700	20	100	0	22.04	20.64	0.116
16QAM	1880	18900	20	1	0	21.16	19.76	0.095
16QAM	1880	18900	20	1	49	20.89	19.49	0.089
16QAM	1880	18900	20	1	99	20.66	19.26	0.084
16QAM	1880	18900	20	50	0	20.72	19.32	0.086
16QAM	1880	18900	20	50	24	20.77	19.37	0.086
16QAM	1880	18900	20	50	50	20.36	18.96	0.079
16QAM	1880	18900	20	100	0	20.84	19.44	0.088
16QAM	1900	19100	20	1	0	21.48	20.08	0.102
16QAM	1900	19100	20	1	49	21.42	20.02	0.100
16QAM	1900	19100	20	1	99	21.82	20.42	0.110
16QAM	1900	19100	20	50	0	20.38	18.98	0.079
16QAM	1900	19100	20	50	24	20.32	18.92	0.078
16QAM	1900	19100	20	50	50	20.68	19.28	0.085
16QAM	1900	19100	20	100	0	20.53	19.13	0.082
64QAM	1860	18700	20	1	0	22.99	21.59	0.144
64QAM	1860	18700	20	1	49	22.26	20.86	0.122
64QAM	1860	18700	20	1	99	20.45	19.05	0.080
64QAM	1860	18700	20	50	0	20.92	19.52	0.090
64QAM	1860	18700	20	50	24	20.13	18.73	0.075
64QAM	1860	18700	20	50	50	19.53	18.13	0.065
64QAM	1860	18700	20	100	0	20.19	18.79	0.076
64QAM	1880	18900	20	1	0	20.49	19.09	0.081
64QAM	1880	18900	20	1	49	20.74	19.34	0.086
64QAM	1880	18900	20	1	99	20.17	18.77	0.075
64QAM	1880	18900	20	50	0	19.25	17.85	0.061
64QAM	1880	18900	20	50	24	18.71	17.31	0.054
64QAM	1880	18900	20	50	50	19.15	17.75	0.060
64QAM	1880	18900	20	100	0	19.16	17.76	0.060
64QAM	1900	19100	20	1	0	20.29	18.89	0.077
64QAM	1900	19100	20	1	49	20.25	18.85	0.077
64QAM	1900	19100	20	1	99	21.07	19.67	0.093
64QAM	1900	19100	20	50	0	19.62	18.22	0.066
64QAM	1900	19100	20	50	24	19.21	17.81	0.060
64QAM	1900	19100	20	50	50	18.71	17.31	0.054
64QAM	1900	19100	20	100	0	19.21	17.81	0.060