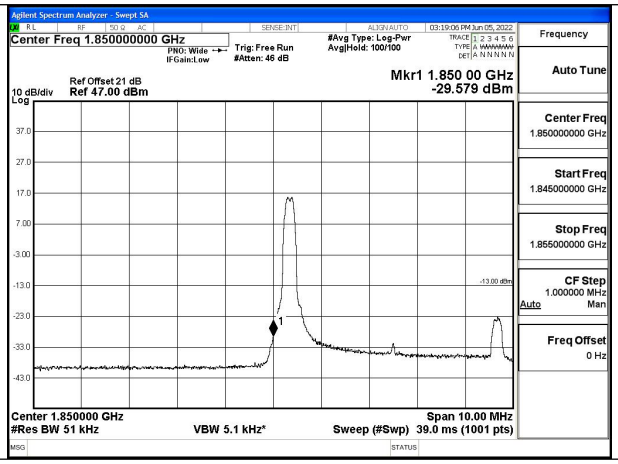

Fig.9

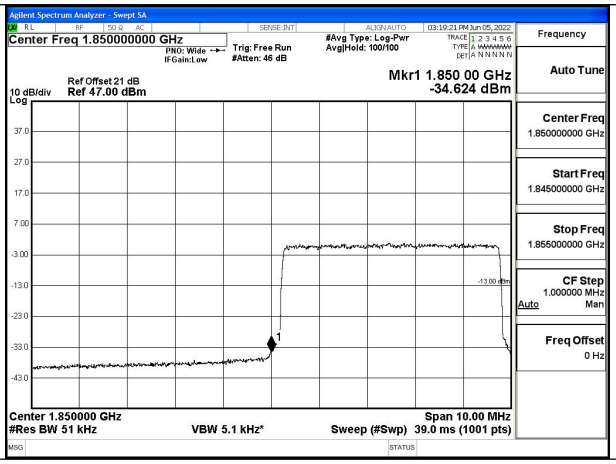

Fig.10

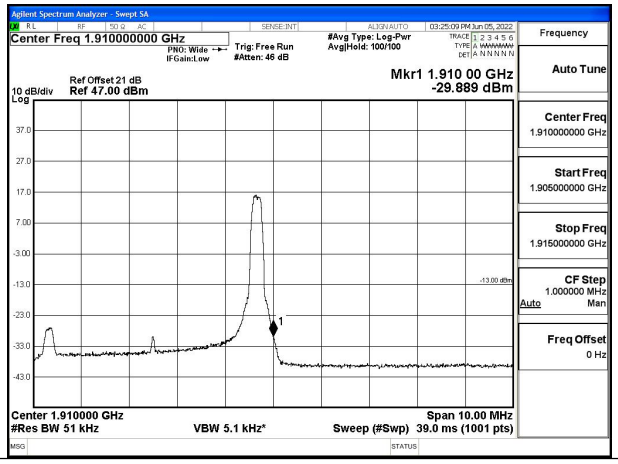

Fig.11

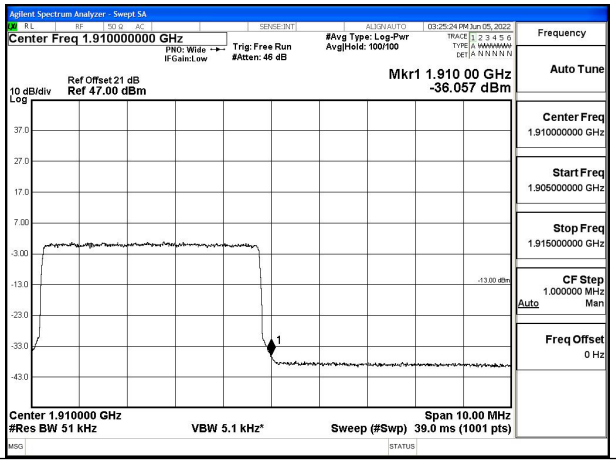

Fig.12

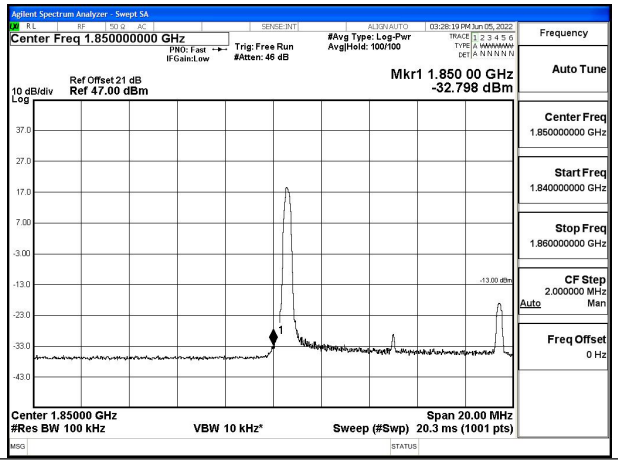

Fig.13

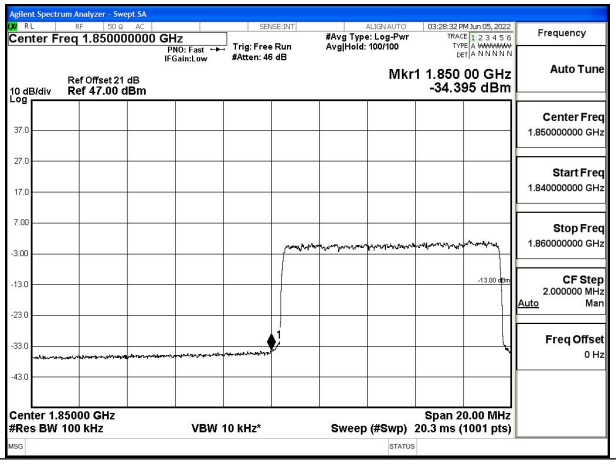

Fig.14

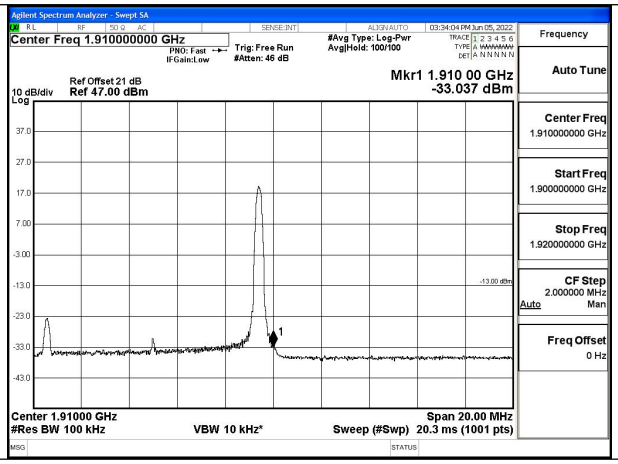

Fig.15

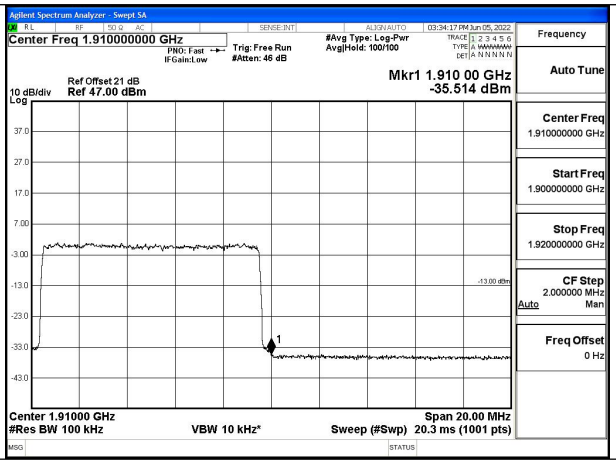

Fig.16

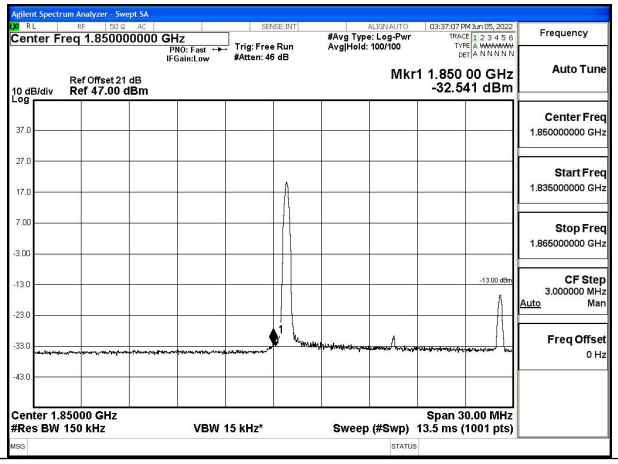

Fig.17

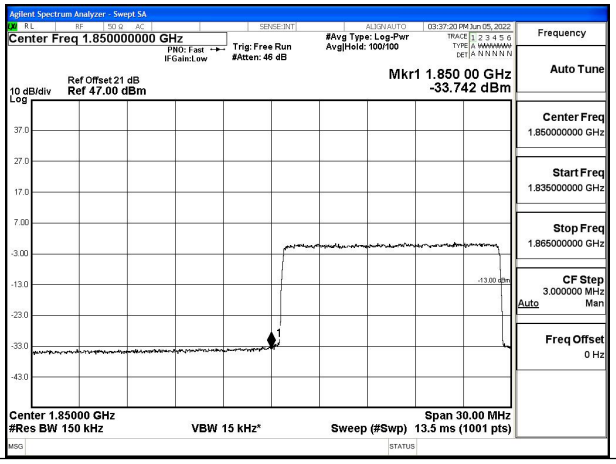

Fig.18

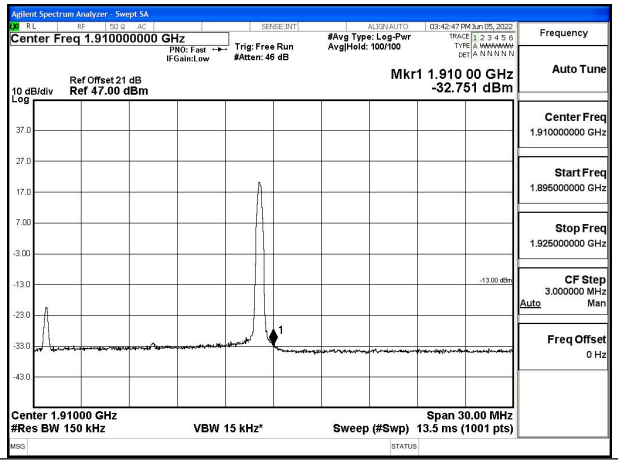

Fig.19

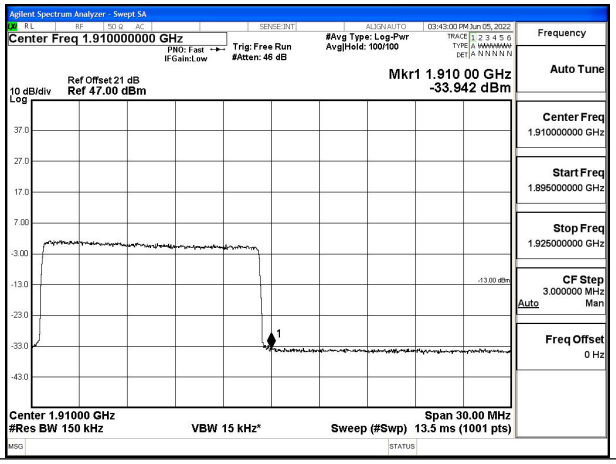

Fig.20

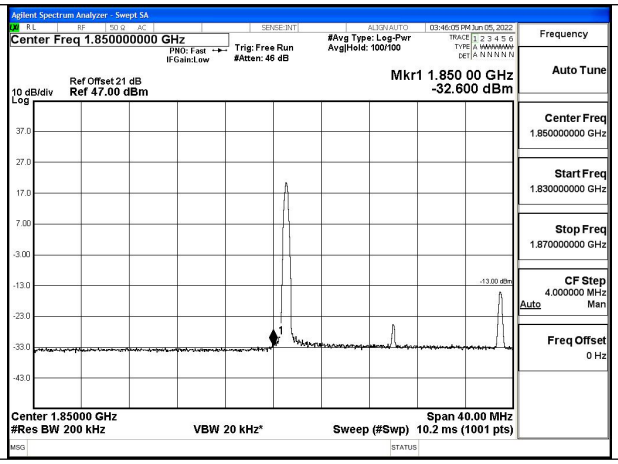

Fig.21

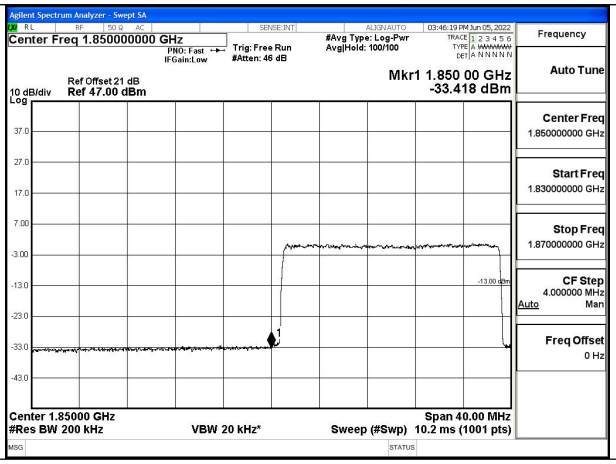

Fig.22

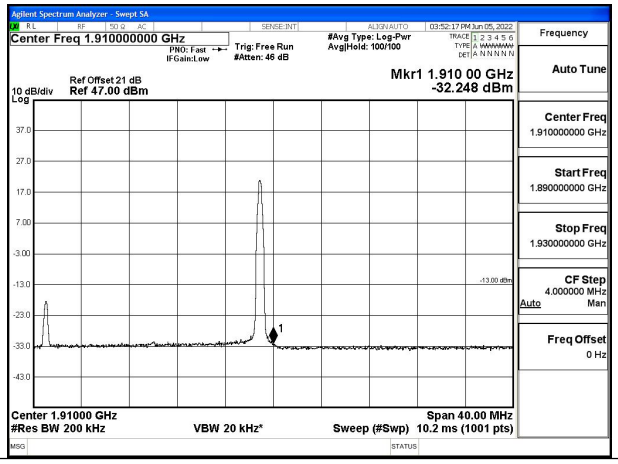

Fig.23

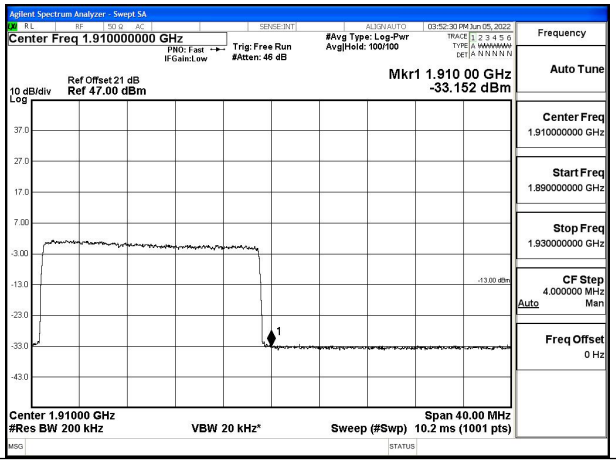

Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
0	NV	0.016	0.005	0.011	0.022	0.023	0.023
+10	NV	0.013	-0.003	0.020	0.013	0.016	0.018
+20	NV	0.007	-0.006	0.009	0.008	0.019	0.019
+30	NV	0.020	-0.011	0.003	0.026	0.024	0.023
+40	NV	0.013	0.019	0.002	0.014	0.024	0.024
+50	NV	0.012	0.018	0.023	0.017	0.020	0.020
+55	NV	0.015	0.004	0.008	0.016	0.018	0.022
+20	LV	0.008	0.004	0.008	0.013	0.021	0.012
+20	HV	0.008	0.006	-0.001	0.008	0.020	0.011

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

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	20.21	18.71	0.074
QPSK	1850.7	18607	1.4	1	3	23.44	21.94	0.156
QPSK	1850.7	18607	1.4	1	5	23.27	21.77	0.150
QPSK	1850.7	18607	1.4	3	0	23.41	21.91	0.155
QPSK	1850.7	18607	1.4	3	1	23.43	21.93	0.156
QPSK	1850.7	18607	1.4	3	3	23.40	21.90	0.155
QPSK	1850.7	18607	1.4	6	0	22.35	20.85	0.122
QPSK	1880	18900	1.4	1	0	21.63	20.13	0.103
QPSK	1880	18900	1.4	1	3	21.88	20.38	0.109
QPSK	1880	18900	1.4	1	5	21.80	20.30	0.107
QPSK	1880	18900	1.4	3	0	21.64	20.14	0.103
QPSK	1880	18900	1.4	3	1	21.56	20.06	0.101
QPSK	1880	18900	1.4	3	3	21.52	20.02	0.100
QPSK	1880	18900	1.4	6	0	20.64	19.14	0.082
QPSK	1909.3	19193	1.4	1	0	22.11	20.61	0.115
QPSK	1909.3	19193	1.4	1	3	21.97	20.47	0.111
QPSK	1909.3	19193	1.4	1	5	22.00	20.50	0.112
QPSK	1909.3	19193	1.4	3	0	21.87	20.37	0.109
QPSK	1909.3	19193	1.4	3	1	21.79	20.29	0.107
QPSK	1909.3	19193	1.4	3	3	21.86	20.36	0.109
QPSK	1909.3	19193	1.4	6	0	20.83	19.33	0.086

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	22.74	21.24	0.133
16QAM	1850.7	18607	1.4	1	3	23.16	21.66	0.147
16QAM	1850.7	18607	1.4	1	5	22.27	20.77	0.119
16QAM	1850.7	18607	1.4	3	0	22.59	21.09	0.129
16QAM	1850.7	18607	1.4	3	1	22.59	21.09	0.129
16QAM	1850.7	18607	1.4	3	3	22.69	21.19	0.132

16QAM	1850.7	18607	1.4	6	0	21.22	19.72	0.094
16QAM	1880	18900	1.4	1	0	20.46	18.96	0.079
16QAM	1880	18900	1.4	1	3	20.31	18.81	0.076
16QAM	1880	18900	1.4	1	5	20.20	18.70	0.074
16QAM	1880	18900	1.4	3	0	20.58	19.08	0.081
16QAM	1880	18900	1.4	3	1	20.54	19.04	0.080
16QAM	1880	18900	1.4	3	3	20.45	18.95	0.079
16QAM	1880	18900	1.4	6	0	19.42	17.92	0.062
16QAM	1909.3	19193	1.4	1	0	21.11	19.61	0.091
16QAM	1909.3	19193	1.4	1	3	21.72	20.22	0.105
16QAM	1909.3	19193	1.4	1	5	21.25	19.75	0.094
16QAM	1909.3	19193	1.4	3	0	21.00	19.50	0.089
16QAM	1909.3	19193	1.4	3	1	21.12	19.62	0.092
16QAM	1909.3	19193	1.4	3	3	20.89	19.39	0.087
16QAM	1909.3	19193	1.4	6	0	19.60	18.10	0.065
64QAM	1850.7	18607	1.4	1	0	21.54	20.04	0.101
64QAM	1850.7	18607	1.4	1	3	21.72	20.22	0.105
64QAM	1850.7	18607	1.4	1	5	21.24	19.74	0.094
64QAM	1850.7	18607	1.4	3	0	21.12	19.62	0.092
64QAM	1850.7	18607	1.4	3	1	21.50	20.00	0.100
64QAM	1850.7	18607	1.4	3	3	21.11	19.61	0.091
64QAM	1850.7	18607	1.4	6	0	19.71	18.21	0.066
64QAM	1880	18900	1.4	1	0	19.81	18.31	0.068
64QAM	1880	18900	1.4	1	3	19.19	17.69	0.059
64QAM	1880	18900	1.4	1	5	19.75	18.25	0.067
64QAM	1880	18900	1.4	3	0	19.58	18.08	0.064
64QAM	1880	18900	1.4	3	1	19.49	17.99	0.063
64QAM	1880	18900	1.4	3	3	19.36	17.86	0.061
64QAM	1880	18900	1.4	6	0	17.33	15.83	0.038
64QAM	1909.3	19193	1.4	1	0	19.45	17.95	0.062
64QAM	1909.3	19193	1.4	1	3	19.97	18.47	0.070
64QAM	1909.3	19193	1.4	1	5	20.10	18.60	0.072
64QAM	1909.3	19193	1.4	3	0	19.64	18.14	0.065
64QAM	1909.3	19193	1.4	3	1	19.71	18.21	0.066
64QAM	1909.3	19193	1.4	3	3	19.67	18.17	0.066
64QAM	1909.3	19193	1.4	6	0	17.37	15.87	0.039

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	21.74	20.24	0.106
QPSK	1851.5	18615	3	1	8	21.76	20.26	0.106
QPSK	1851.5	18615	3	1	14	21.58	20.08	0.102
QPSK	1851.5	18615	3	8	0	20.71	19.21	0.083
QPSK	1851.5	18615	3	8	4	20.79	19.29	0.085
QPSK	1851.5	18615	3	8	7	20.78	19.28	0.085
QPSK	1851.5	18615	3	15	0	20.77	19.27	0.085

QPSK	1880	18900	3	1	0	21.68	20.18	0.104
QPSK	1880	18900	3	1	8	21.76	20.26	0.106
QPSK	1880	18900	3	1	14	21.67	20.17	0.104
QPSK	1880	18900	3	8	0	20.59	19.09	0.081
QPSK	1880	18900	3	8	4	20.68	19.18	0.083
QPSK	1880	18900	3	8	7	20.66	19.16	0.082
QPSK	1880	18900	3	15	0	20.65	19.15	0.082
QPSK	1908.5	19185	3	1	0	21.89	20.39	0.109
QPSK	1908.5	19185	3	1	8	22.00	20.50	0.112
QPSK	1908.5	19185	3	1	14	22.10	20.60	0.115
QPSK	1908.5	19185	3	8	0	20.73	19.23	0.084
QPSK	1908.5	19185	3	8	4	20.79	19.29	0.085
QPSK	1908.5	19185	3	8	7	20.72	19.22	0.084
QPSK	1908.5	19185	3	15	0	20.73	19.23	0.084

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	21.60	20.10	0.102
16QAM	1851.5	18615	3	1	8	21.22	19.72	0.094
16QAM	1851.5	18615	3	1	14	21.08	19.58	0.091
16QAM	1851.5	18615	3	8	0	19.84	18.34	0.068
16QAM	1851.5	18615	3	8	4	19.89	18.39	0.069
16QAM	1851.5	18615	3	8	7	19.91	18.41	0.069
16QAM	1851.5	18615	3	15	0	19.82	18.32	0.068
16QAM	1880	18900	3	1	0	20.51	19.01	0.080
16QAM	1880	18900	3	1	8	20.94	19.44	0.088
16QAM	1880	18900	3	1	14	20.62	19.12	0.082
16QAM	1880	18900	3	8	0	19.58	18.08	0.064
16QAM	1880	18900	3	8	4	19.99	18.49	0.071
16QAM	1880	18900	3	8	7	19.57	18.07	0.064
16QAM	1880	18900	3	15	0	19.49	17.99	0.063
16QAM	1908.5	19185	3	1	0	21.61	20.11	0.103
16QAM	1908.5	19185	3	1	8	21.21	19.71	0.094
16QAM	1908.5	19185	3	1	14	21.16	19.66	0.092
16QAM	1908.5	19185	3	8	0	20.31	18.81	0.076
16QAM	1908.5	19185	3	8	4	19.90	18.40	0.069
16QAM	1908.5	19185	3	8	7	19.83	18.33	0.068
16QAM	1908.5	19185	3	15	0	19.87	18.37	0.069
64QAM	1851.5	18615	3	1	0	20.11	18.61	0.073
64QAM	1851.5	18615	3	1	8	19.59	18.09	0.064
64QAM	1851.5	18615	3	1	14	20.06	18.56	0.072
64QAM	1851.5	18615	3	8	0	17.92	16.42	0.044
64QAM	1851.5	18615	3	8	4	17.84	16.34	0.043
64QAM	1851.5	18615	3	8	7	17.96	16.46	0.044
64QAM	1851.5	18615	3	15	0	17.84	16.34	0.043
64QAM	1880	18900	3	1	0	19.52	18.02	0.063

64QAM	1880	18900	3	1	8	19.07	17.57	0.057
64QAM	1880	18900	3	1	14	19.84	18.34	0.068
64QAM	1880	18900	3	8	0	17.35	15.85	0.038
64QAM	1880	18900	3	8	4	17.45	15.95	0.039
64QAM	1880	18900	3	8	7	17.42	15.92	0.039
64QAM	1880	18900	3	15	0	17.50	16.00	0.040
64QAM	1908.5	19185	3	1	0	20.72	19.22	0.084
64QAM	1908.5	19185	3	1	8	19.84	18.34	0.068
64QAM	1908.5	19185	3	1	14	19.68	18.18	0.066
64QAM	1908.5	19185	3	8	0	17.33	15.83	0.038
64QAM	1908.5	19185	3	8	4	17.36	15.86	0.039
64QAM	1908.5	19185	3	8	7	17.40	15.90	0.039
64QAM	1908.5	19185	3	15	0	17.40	15.90	0.039

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	21.81	20.31	0.107
QPSK	1852.5	18625	5	1	12	21.95	20.45	0.111
QPSK	1852.5	18625	5	1	24	21.81	20.31	0.107
QPSK	1852.5	18625	5	12	0	20.66	19.16	0.082
QPSK	1852.5	18625	5	12	7	20.76	19.26	0.084
QPSK	1852.5	18625	5	12	13	20.71	19.21	0.083
QPSK	1852.5	18625	5	25	0	20.66	19.16	0.082
QPSK	1880	18900	5	1	0	21.86	20.36	0.109
QPSK	1880	18900	5	1	12	21.86	20.36	0.109
QPSK	1880	18900	5	1	24	21.42	19.92	0.098
QPSK	1880	18900	5	12	0	20.68	19.18	0.083
QPSK	1880	18900	5	12	7	20.66	19.16	0.082
QPSK	1880	18900	5	12	13	20.67	19.17	0.083
QPSK	1880	18900	5	25	0	20.64	19.14	0.082
QPSK	1907.5	19175	5	1	0	21.71	20.21	0.105
QPSK	1907.5	19175	5	1	12	21.76	20.26	0.106
QPSK	1907.5	19175	5	1	24	21.89	20.39	0.109
QPSK	1907.5	19175	5	12	0	20.90	19.40	0.087
QPSK	1907.5	19175	5	12	7	20.84	19.34	0.086
QPSK	1907.5	19175	5	12	13	20.82	19.32	0.086
QPSK	1907.5	19175	5	25	0	20.69	19.19	0.083

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	21.15	19.65	0.092
16QAM	1852.5	18625	5	1	12	21.07	19.57	0.091
16QAM	1852.5	18625	5	1	24	21.44	19.94	0.099
16QAM	1852.5	18625	5	12	0	19.80	18.30	0.068
16QAM	1852.5	18625	5	12	7	19.88	18.38	0.069
16QAM	1852.5	18625	5	12	13	19.78	18.28	0.067

16QAM	1852.5	18625	5	25	0	19.99	18.49	0.071
16QAM	1880	18900	5	1	0	20.94	19.44	0.088
16QAM	1880	18900	5	1	12	21.08	19.58	0.091
16QAM	1880	18900	5	1	24	21.23	19.73	0.094
16QAM	1880	18900	5	12	0	19.72	18.22	0.066
16QAM	1880	18900	5	12	7	19.64	18.14	0.065
16QAM	1880	18900	5	12	13	19.77	18.27	0.067
16QAM	1880	18900	5	25	0	19.53	18.03	0.064
16QAM	1907.5	19175	5	1	0	21.26	19.76	0.095
16QAM	1907.5	19175	5	1	12	21.31	19.81	0.096
16QAM	1907.5	19175	5	1	24	21.24	19.74	0.094
16QAM	1907.5	19175	5	12	0	20.37	18.87	0.077
16QAM	1907.5	19175	5	12	7	20.43	18.93	0.078
16QAM	1907.5	19175	5	12	13	19.89	18.39	0.069
16QAM	1907.5	19175	5	25	0	20.26	18.76	0.075
64QAM	1852.5	18625	5	1	0	19.75	18.25	0.067
64QAM	1852.5	18625	5	1	12	20.09	18.59	0.072
64QAM	1852.5	18625	5	1	24	20.06	18.56	0.072
64QAM	1852.5	18625	5	12	0	17.79	16.29	0.043
64QAM	1852.5	18625	5	12	7	17.99	16.49	0.045
64QAM	1852.5	18625	5	12	13	18.03	16.53	0.045
64QAM	1852.5	18625	5	25	0	17.95	16.45	0.044
64QAM	1880	18900	5	1	0	20.13	18.63	0.073
64QAM	1880	18900	5	1	12	19.15	17.65	0.058
64QAM	1880	18900	5	1	24	19.75	18.25	0.067
64QAM	1880	18900	5	12	0	17.39	15.89	0.039
64QAM	1880	18900	5	12	7	17.61	16.11	0.041
64QAM	1880	18900	5	12	13	17.57	16.07	0.040
64QAM	1880	18900	5	25	0	17.46	15.96	0.039
64QAM	1907.5	19175	5	1	0	20.16	18.66	0.073
64QAM	1907.5	19175	5	1	12	20.22	18.72	0.074
64QAM	1907.5	19175	5	1	24	19.94	18.44	0.070
64QAM	1907.5	19175	5	12	0	17.34	15.84	0.038
64QAM	1907.5	19175	5	12	7	17.36	15.86	0.039
64QAM	1907.5	19175	5	12	13	17.30	15.80	0.038
64QAM	1907.5	19175	5	25	0	17.33	15.83	0.038

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	21.64	20.14	0.103
QPSK	1855	18650	10	1	25	21.60	20.10	0.102
QPSK	1855	18650	10	1	49	21.68	20.18	0.104
QPSK	1855	18650	10	25	0	20.87	19.37	0.086
QPSK	1855	18650	10	25	12	20.74	19.24	0.084
QPSK	1855	18650	10	25	25	20.77	19.27	0.085
QPSK	1855	18650	10	50	0	20.85	19.35	0.086

QPSK	1880	18900	10	1	0	21.67	20.17	0.104
QPSK	1880	18900	10	1	25	21.66	20.16	0.104
QPSK	1880	18900	10	1	49	21.67	20.17	0.104
QPSK	1880	18900	10	25	0	20.69	19.19	0.083
QPSK	1880	18900	10	25	12	20.69	19.19	0.083
QPSK	1880	18900	10	25	25	20.62	19.12	0.082
QPSK	1880	18900	10	50	0	20.57	19.07	0.081
QPSK	1905	19150	10	1	0	21.95	20.45	0.111
QPSK	1905	19150	10	1	25	22.06	20.56	0.114
QPSK	1905	19150	10	1	49	22.11	20.61	0.115
QPSK	1905	19150	10	25	0	20.72	19.22	0.084
QPSK	1905	19150	10	25	12	20.86	19.36	0.086
QPSK	1905	19150	10	25	25	20.79	19.29	0.085
QPSK	1905	19150	10	50	0	20.90	19.40	0.087

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	21.37	19.87	0.097
16QAM	1855	18650	10	1	25	21.60	20.10	0.102
16QAM	1855	18650	10	1	49	21.20	19.70	0.093
16QAM	1855	18650	10	25	0	19.91	18.41	0.069
16QAM	1855	18650	10	25	12	20.03	18.53	0.071
16QAM	1855	18650	10	25	25	19.93	18.43	0.070
16QAM	1855	18650	10	50	0	19.80	18.30	0.068
16QAM	1880	18900	10	1	0	21.18	19.68	0.093
16QAM	1880	18900	10	1	25	20.70	19.20	0.083
16QAM	1880	18900	10	1	49	20.88	19.38	0.087
16QAM	1880	18900	10	25	0	20.23	18.73	0.075
16QAM	1880	18900	10	25	12	19.67	18.17	0.066
16QAM	1880	18900	10	25	25	19.68	18.18	0.066
16QAM	1880	18900	10	50	0	19.87	18.37	0.069
16QAM	1905	19150	10	1	0	20.99	19.49	0.089
16QAM	1905	19150	10	1	25	20.88	19.38	0.087
16QAM	1905	19150	10	1	49	21.03	19.53	0.090
16QAM	1905	19150	10	25	0	20.01	18.51	0.071
16QAM	1905	19150	10	25	12	20.02	18.52	0.071
16QAM	1905	19150	10	25	25	20.56	19.06	0.081
16QAM	1905	19150	10	50	0	19.88	18.38	0.069
64QAM	1855	18650	10	1	0	19.37	17.87	0.061
64QAM	1855	18650	10	1	25	19.73	18.23	0.067
64QAM	1855	18650	10	1	49	19.80	18.30	0.068
64QAM	1855	18650	10	25	0	17.99	16.49	0.045
64QAM	1855	18650	10	25	12	18.22	16.72	0.047
64QAM	1855	18650	10	25	25	18.67	17.17	0.052
64QAM	1855	18650	10	50	0	18.45	16.95	0.050
64QAM	1880	18900	10	1	0	19.83	18.33	0.068

64QAM	1880	18900	10	1	25	20.16	18.66	0.073
64QAM	1880	18900	10	1	49	19.53	18.03	0.064
64QAM	1880	18900	10	25	0	17.64	16.14	0.041
64QAM	1880	18900	10	25	12	17.62	16.12	0.041
64QAM	1880	18900	10	25	25	18.06	16.56	0.045
64QAM	1880	18900	10	50	0	17.79	16.29	0.043
64QAM	1905	19150	10	1	0	20.79	19.29	0.085
64QAM	1905	19150	10	1	25	19.18	17.68	0.059
64QAM	1905	19150	10	1	49	20.16	18.66	0.073
64QAM	1905	19150	10	25	0	18.06	16.56	0.045
64QAM	1905	19150	10	25	12	17.89	16.39	0.044
64QAM	1905	19150	10	25	25	17.86	16.36	0.043
64QAM	1905	19150	10	50	0	17.98	16.48	0.044

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	21.68	20.18	0.104
QPSK	1857.5	18675	15	1	37	21.70	20.20	0.105
QPSK	1857.5	18675	15	1	74	21.82	20.32	0.108
QPSK	1857.5	18675	15	36	0	20.57	19.07	0.081
QPSK	1857.5	18675	15	36	29	20.69	19.19	0.083
QPSK	1857.5	18675	15	36	30	20.73	19.23	0.084
QPSK	1857.5	18675	15	75	0	20.67	19.17	0.083
QPSK	1880	18900	15	1	0	21.59	20.09	0.102
QPSK	1880	18900	15	1	37	21.57	20.07	0.102
QPSK	1880	18900	15	1	74	21.65	20.15	0.104
QPSK	1880	18900	15	36	0	20.75	19.25	0.084
QPSK	1880	18900	15	36	29	20.60	19.10	0.081
QPSK	1880	18900	15	36	30	20.62	19.12	0.082
QPSK	1880	18900	15	75	0	20.67	19.17	0.083
QPSK	1902.5	19125	15	1	0	21.75	20.25	0.106
QPSK	1902.5	19125	15	1	37	22.10	20.60	0.115
QPSK	1902.5	19125	15	1	74	22.13	20.63	0.116
QPSK	1902.5	19125	15	36	0	20.87	19.37	0.086
QPSK	1902.5	19125	15	36	29	20.92	19.42	0.087
QPSK	1902.5	19125	15	36	30	20.85	19.35	0.086
QPSK	1902.5	19125	15	75	0	20.74	19.24	0.084

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	21.12	19.62	0.092
16QAM	1857.5	18675	15	1	37	21.02	19.52	0.090
16QAM	1857.5	18675	15	1	74	21.21	19.71	0.094
16QAM	1857.5	18675	15	36	0	19.62	18.12	0.065
16QAM	1857.5	18675	15	36	29	19.97	18.47	0.070
16QAM	1857.5	18675	15	36	30	19.85	18.35	0.068

16QAM	1857.5	18675	15	75	0	19.79	18.29	0.067
16QAM	1880	18900	15	1	0	21.20	19.70	0.093
16QAM	1880	18900	15	1	37	21.20	19.70	0.093
16QAM	1880	18900	15	1	74	21.41	19.91	0.098
16QAM	1880	18900	15	36	0	19.98	18.48	0.070
16QAM	1880	18900	15	36	29	19.80	18.30	0.068
16QAM	1880	18900	15	36	30	19.57	18.07	0.064
16QAM	1880	18900	15	75	0	19.66	18.16	0.065
16QAM	1902.5	19125	15	1	0	20.93	19.43	0.088
16QAM	1902.5	19125	15	1	37	21.73	20.23	0.105
16QAM	1902.5	19125	15	1	74	21.76	20.26	0.106
16QAM	1902.5	19125	15	36	0	20.03	18.53	0.071
16QAM	1902.5	19125	15	36	29	19.78	18.28	0.067
16QAM	1902.5	19125	15	36	30	19.90	18.40	0.069
16QAM	1902.5	19125	15	75	0	19.93	18.43	0.070
64QAM	1857.5	18675	15	1	0	19.72	18.22	0.066
64QAM	1857.5	18675	15	1	37	19.89	18.39	0.069
64QAM	1857.5	18675	15	1	74	20.02	18.52	0.071
64QAM	1857.5	18675	15	36	0	18.21	16.71	0.047
64QAM	1857.5	18675	15	36	29	18.46	16.96	0.050
64QAM	1857.5	18675	15	36	30	18.49	16.99	0.050
64QAM	1857.5	18675	15	75	0	18.37	16.87	0.049
64QAM	1880	18900	15	1	0	19.65	18.15	0.065
64QAM	1880	18900	15	1	37	19.51	18.01	0.063
64QAM	1880	18900	15	1	74	20.24	18.74	0.075
64QAM	1880	18900	15	36	0	17.72	16.22	0.042
64QAM	1880	18900	15	36	29	17.77	16.27	0.042
64QAM	1880	18900	15	36	30	17.80	16.30	0.043
64QAM	1880	18900	15	75	0	17.81	16.31	0.043
64QAM	1902.5	19125	15	1	0	20.45	18.95	0.079
64QAM	1902.5	19125	15	1	37	18.97	17.47	0.056
64QAM	1902.5	19125	15	1	74	19.84	18.34	0.068
64QAM	1902.5	19125	15	36	0	18.27	16.77	0.048
64QAM	1902.5	19125	15	36	29	17.52	16.02	0.040
64QAM	1902.5	19125	15	36	30	17.50	16.00	0.040
64QAM	1902.5	19125	15	75	0	17.85	16.35	0.043

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	22.00	20.50	0.112
QPSK	1860	18700	20	1	49	22.11	20.61	0.115
QPSK	1860	18700	20	1	99	22.01	20.51	0.112
QPSK	1860	18700	20	50	0	20.67	19.17	0.083
QPSK	1860	18700	20	50	24	20.62	19.12	0.082
QPSK	1860	18700	20	50	50	20.93	19.43	0.088
QPSK	1860	18700	20	100	0	20.74	19.24	0.084

QPSK	1880	18900	20	1	0	22.04	20.54	0.113
QPSK	1880	18900	20	1	49	21.99	20.49	0.112
QPSK	1880	18900	20	1	99	22.22	20.72	0.118
QPSK	1880	18900	20	50	0	20.54	19.04	0.080
QPSK	1880	18900	20	50	24	20.57	19.07	0.081
QPSK	1880	18900	20	50	50	20.89	19.39	0.087
QPSK	1880	18900	20	100	0	20.44	18.94	0.078
QPSK	1900	19100	20	1	0	21.60	20.10	0.102
QPSK	1900	19100	20	1	49	21.81	20.31	0.107
QPSK	1900	19100	20	1	99	21.77	20.27	0.106
QPSK	1900	19100	20	50	0	20.60	19.10	0.081
QPSK	1900	19100	20	50	24	20.67	19.17	0.083
QPSK	1900	19100	20	50	50	20.90	19.40	0.087
QPSK	1900	19100	20	100	0	20.73	19.23	0.084

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	21.57	20.07	0.102
16QAM	1860	18700	20	1	49	21.02	19.52	0.090
16QAM	1860	18700	20	1	99	20.82	19.32	0.086
16QAM	1860	18700	20	50	0	19.77	18.27	0.067
16QAM	1860	18700	20	50	24	19.91	18.41	0.069
16QAM	1860	18700	20	50	50	19.79	18.29	0.067
16QAM	1860	18700	20	100	0	19.83	18.33	0.068
16QAM	1880	18900	20	1	0	20.24	18.74	0.075
16QAM	1880	18900	20	1	49	20.44	18.94	0.078
16QAM	1880	18900	20	1	99	20.96	19.46	0.088
16QAM	1880	18900	20	50	0	19.64	18.14	0.065
16QAM	1880	18900	20	50	24	19.66	18.16	0.065
16QAM	1880	18900	20	50	50	19.90	18.40	0.069
16QAM	1880	18900	20	100	0	19.73	18.23	0.067
16QAM	1900	19100	20	1	0	21.48	19.98	0.100
16QAM	1900	19100	20	1	49	21.32	19.82	0.096
16QAM	1900	19100	20	1	99	21.26	19.76	0.095
16QAM	1900	19100	20	50	0	20.00	18.50	0.071
16QAM	1900	19100	20	50	24	19.67	18.17	0.066
16QAM	1900	19100	20	50	50	19.84	18.34	0.068
16QAM	1900	19100	20	100	0	19.92	18.42	0.070
64QAM	1860	18700	20	1	0	20.61	19.11	0.081
64QAM	1860	18700	20	1	49	19.94	18.44	0.070
64QAM	1860	18700	20	1	99	20.21	18.71	0.074
64QAM	1860	18700	20	50	0	18.33	16.83	0.048
64QAM	1860	18700	20	50	24	18.34	16.84	0.048
64QAM	1860	18700	20	50	50	18.50	17.00	0.050
64QAM	1860	18700	20	100	0	18.43	16.93	0.049
64QAM	1880	18900	20	1	0	20.12	18.62	0.073

64QAM	1880	18900	20	1	49	19.18	17.68	0.059
64QAM	1880	18900	20	1	99	19.44	17.94	0.062
64QAM	1880	18900	20	50	0	18.11	16.61	0.046
64QAM	1880	18900	20	50	24	17.78	16.28	0.042
64QAM	1880	18900	20	50	50	18.33	16.83	0.048
64QAM	1880	18900	20	100	0	18.20	16.70	0.047
64QAM	1900	19100	20	1	0	19.81	18.31	0.068
64QAM	1900	19100	20	1	49	19.70	18.20	0.066
64QAM	1900	19100	20	1	99	19.88	18.38	0.069
64QAM	1900	19100	20	50	0	18.78	17.28	0.053
64QAM	1900	19100	20	50	24	18.24	16.74	0.047
64QAM	1900	19100	20	50	50	17.72	16.22	0.042
64QAM	1900	19100	20	100	0	18.29	16.79	0.048