

Fig.7

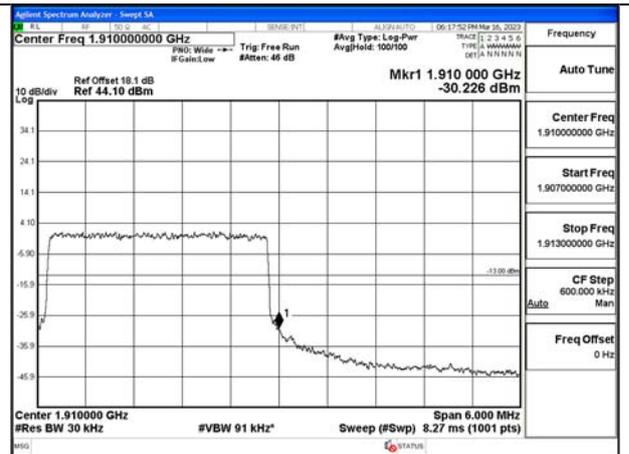


Fig.8

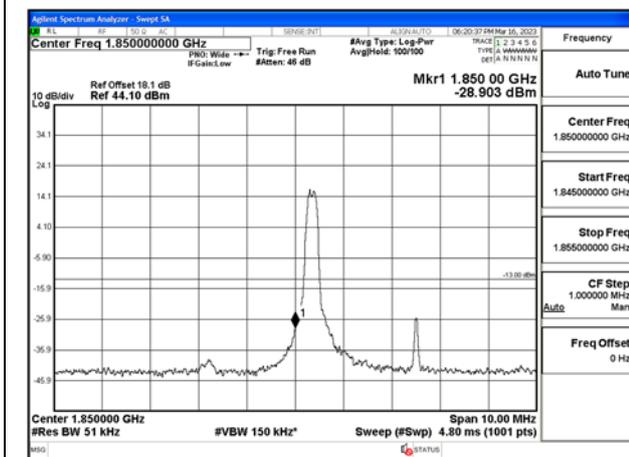


Fig.9

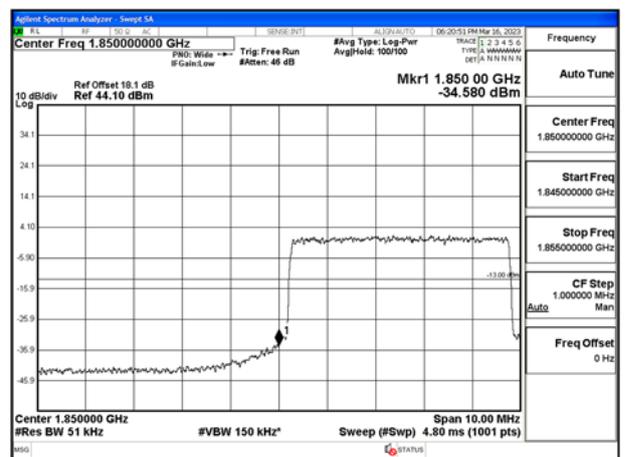


Fig.10

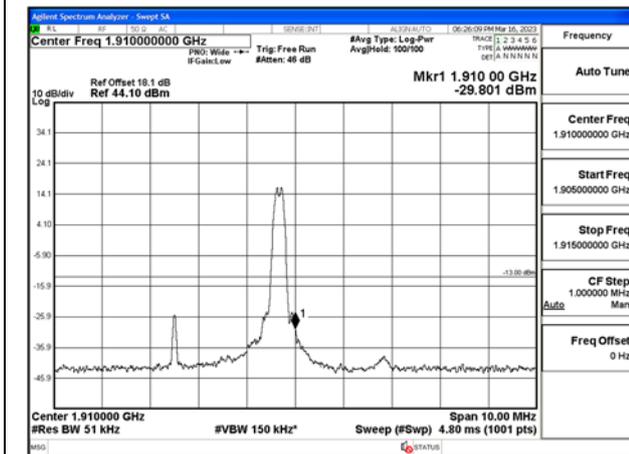


Fig.11

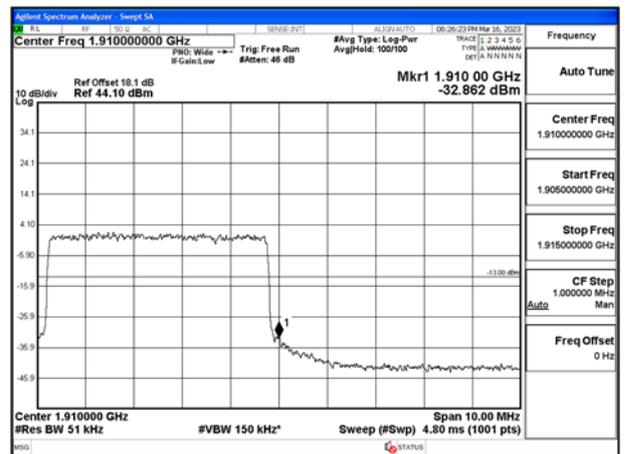


Fig.12

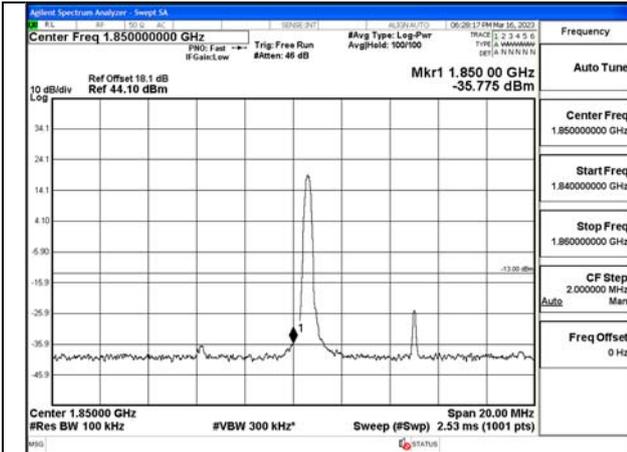


Fig.13

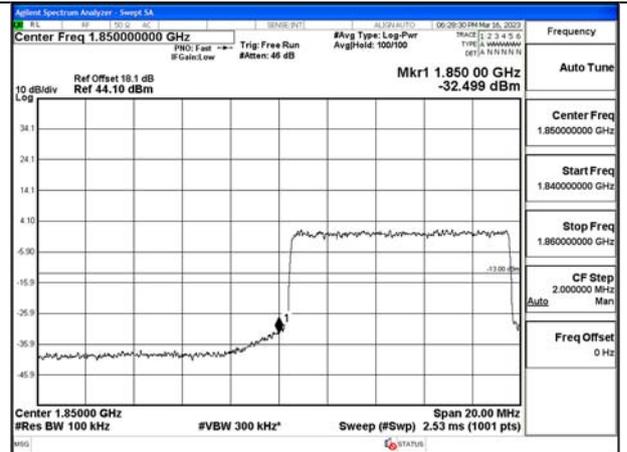


Fig.14

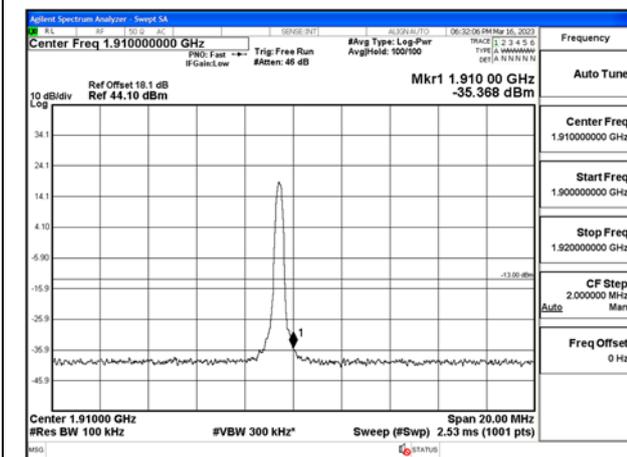


Fig.15

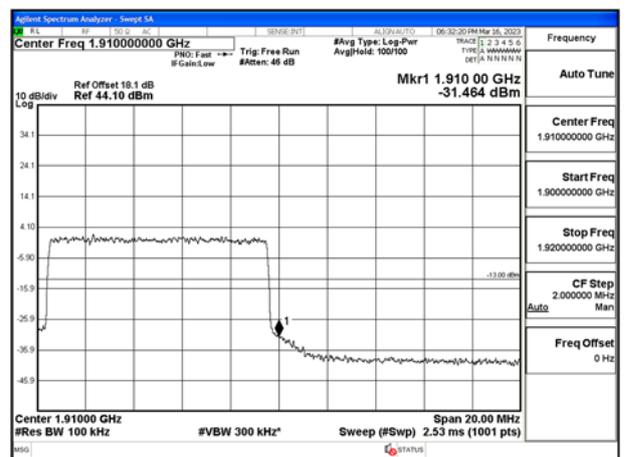


Fig.16

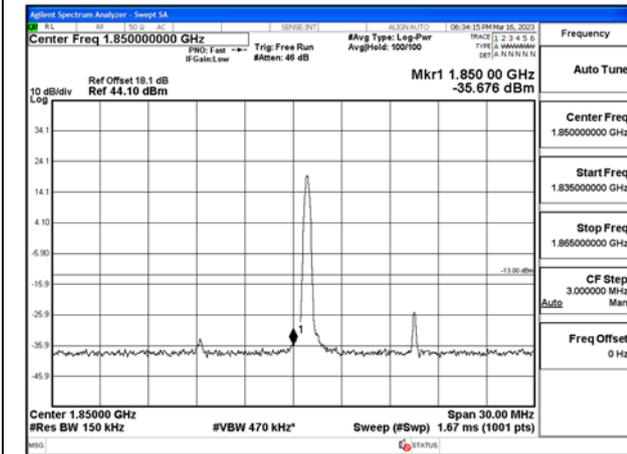


Fig.17

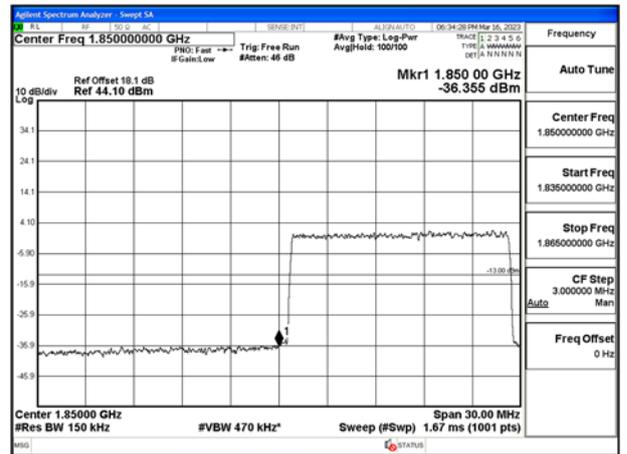


Fig.18

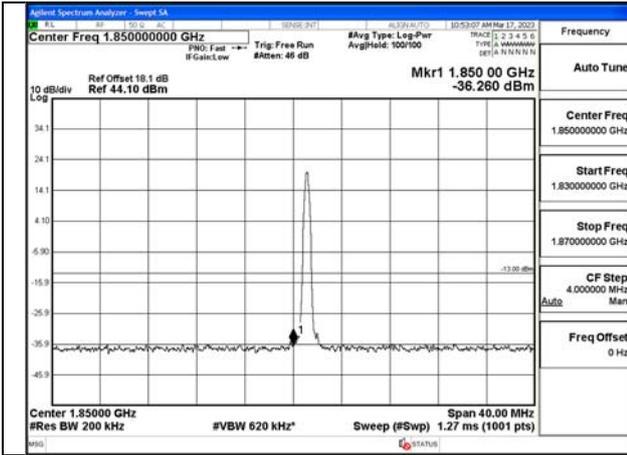


Fig.19

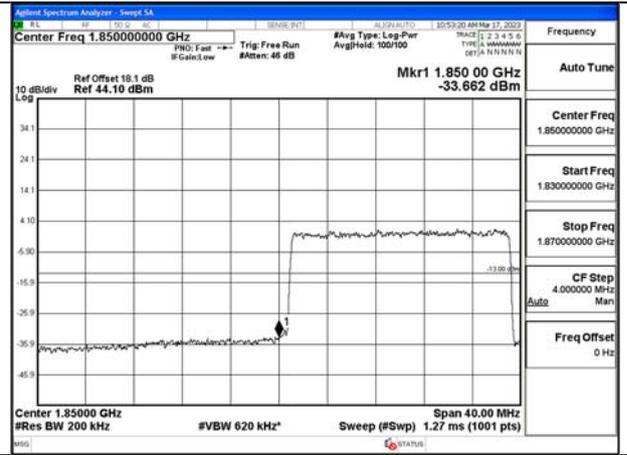


Fig.20

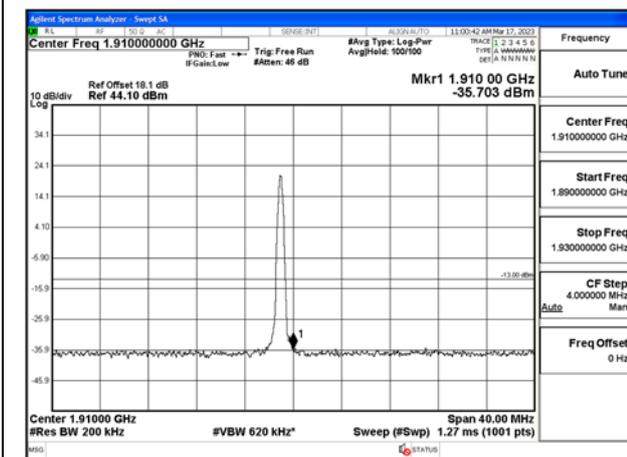


Fig.21

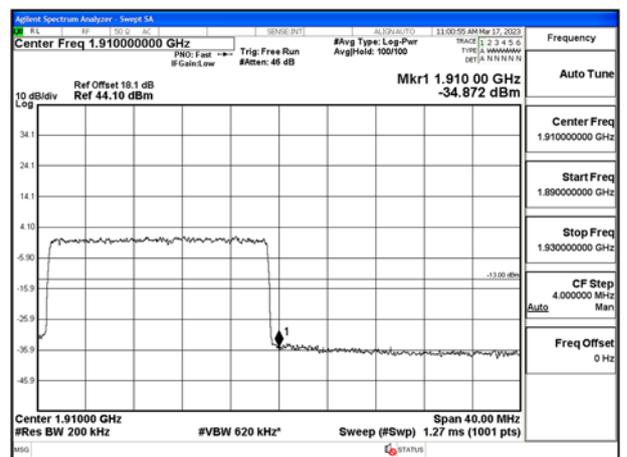


Fig.22

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.005	0.003	0.003	-0.001	0.001	0.003
0	NV	0.003	0.001	0.004	0.001	0.001	0.002
+10	NV	0.002	0.002	0.003	0.001	0.000	0.002
+20	NV	0.002	0.004	-0.001	0.003	0.002	0.004
+30	NV	0.001	0.002	-0.003	0.002	0.001	0.002
+40	NV	0.003	0.002	-0.002	0.001	0.003	0.003
+50	NV	0.005	0.002	-0.002	0.001	0.003	0.003
+55	NV	0.002	-0.01	0.003	-0.001	0.001	0.002
+20	LV	-0.003	-0.003	-0.002	-0.002	0.001	0.001
+20	HV	0.011	0.002	-0.001	-0.002	0.001	0.002

Temperature(°C)	Voltage	Test Result (ppm) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.523	0.005	-0.001	0.003	-0.001	-0.003
0	NV	-0.009	0.004	-0.002	0.001	0.001	-0.001
+10	NV	-0.523	0.004	0.001	0.002	0.001	-0.002
+20	NV	-0.002	0.004	-0.001	0.004	0.001	-0.001
+30	NV	0.007	0.003	-0.002	0.003	0.001	-0.004
+40	NV	0.009	0.004	-0.001	0.003	0.002	0.001
+50	NV	0.005	0.003	-0.002	0.002	0.002	0.001
+55	NV	-0.001	0.004	-0.001	0.002	0.001	0.000
+20	LV	-0.523	-0.523	0.001	0.003	0.001	-0.003
+20	HV	-0.523	-0.523	-0.524	0.000	0.001	-0.002

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	22.77	20.17	0.104
QPSK	1850.7	18607	1.4	1	3	22.80	20.20	0.105
QPSK	1850.7	18607	1.4	1	5	22.53	19.93	0.098
QPSK	1850.7	18607	1.4	3	0	22.64	20.04	0.101
QPSK	1850.7	18607	1.4	3	1	22.69	20.09	0.102
QPSK	1850.7	18607	1.4	3	3	22.69	20.09	0.102
QPSK	1850.7	18607	1.4	6	0	21.69	19.09	0.081
QPSK	1880	18900	1.4	1	0	22.21	19.61	0.091
QPSK	1880	18900	1.4	1	3	22.56	19.96	0.099
QPSK	1880	18900	1.4	1	5	22.33	19.73	0.094
QPSK	1880	18900	1.4	3	0	22.27	19.67	0.093
QPSK	1880	18900	1.4	3	1	22.39	19.79	0.095
QPSK	1880	18900	1.4	3	3	22.38	19.78	0.095
QPSK	1880	18900	1.4	6	0	21.43	18.83	0.076
QPSK	1909.3	19193	1.4	1	0	23.01	20.41	0.110
QPSK	1909.3	19193	1.4	1	3	22.88	20.28	0.107
QPSK	1909.3	19193	1.4	1	5	22.70	20.10	0.102
QPSK	1909.3	19193	1.4	3	0	22.92	20.32	0.108
QPSK	1909.3	19193	1.4	3	1	22.84	20.24	0.106
QPSK	1909.3	19193	1.4	3	3	22.97	20.37	0.109
QPSK	1909.3	19193	1.4	6	0	21.95	19.35	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	21.77	19.17	0.083
16QAM	1850.7	18607	1.4	1	3	21.90	19.30	0.085
16QAM	1850.7	18607	1.4	1	5	22.04	19.44	0.088
16QAM	1850.7	18607	1.4	3	0	21.88	19.28	0.085
16QAM	1850.7	18607	1.4	3	1	21.90	19.30	0.085
16QAM	1850.7	18607	1.4	3	3	21.99	19.39	0.087
16QAM	1850.7	18607	1.4	6	0	20.90	18.30	0.068
16QAM	1880	18900	1.4	1	0	21.82	19.22	0.084
16QAM	1880	18900	1.4	1	3	21.77	19.17	0.083
16QAM	1880	18900	1.4	1	5	21.67	19.07	0.081
16QAM	1880	18900	1.4	3	0	21.53	18.93	0.078
16QAM	1880	18900	1.4	3	1	21.43	18.83	0.076
16QAM	1880	18900	1.4	3	3	21.55	18.95	0.079
16QAM	1880	18900	1.4	6	0	20.44	17.84	0.061
16QAM	1909.3	19193	1.4	1	0	22.06	19.46	0.088
16QAM	1909.3	19193	1.4	1	3	21.95	19.35	0.086
16QAM	1909.3	19193	1.4	1	5	22.48	19.88	0.097
16QAM	1909.3	19193	1.4	3	0	21.93	19.33	0.086
16QAM	1909.3	19193	1.4	3	1	22.23	19.63	0.092
16QAM	1909.3	19193	1.4	3	3	21.99	19.39	0.087
16QAM	1909.3	19193	1.4	6	0	21.12	18.52	0.071
64QAM	1850.7	18607	1.4	1	0	21.91	19.31	0.085
64QAM	1850.7	18607	1.4	1	3	22.04	19.44	0.088
64QAM	1850.7	18607	1.4	1	5	21.93	19.33	0.086
64QAM	1850.7	18607	1.4	3	0	22.07	19.47	0.089
64QAM	1850.7	18607	1.4	3	1	21.77	19.17	0.083
64QAM	1850.7	18607	1.4	3	3	21.82	19.22	0.084
64QAM	1850.7	18607	1.4	6	0	20.64	18.04	0.064
64QAM	1880	18900	1.4	1	0	21.30	18.70	0.074
64QAM	1880	18900	1.4	1	3	21.30	18.70	0.074
64QAM	1880	18900	1.4	1	5	21.30	18.70	0.074
64QAM	1880	18900	1.4	3	0	21.34	18.74	0.075
64QAM	1880	18900	1.4	3	1	21.56	18.96	0.079
64QAM	1880	18900	1.4	3	3	21.39	18.79	0.076
64QAM	1880	18900	1.4	6	0	20.57	17.97	0.063
64QAM	1909.3	19193	1.4	1	0	22.20	19.60	0.091
64QAM	1909.3	19193	1.4	1	3	21.87	19.27	0.085
64QAM	1909.3	19193	1.4	1	5	21.89	19.29	0.085
64QAM	1909.3	19193	1.4	3	0	21.83	19.23	0.084
64QAM	1909.3	19193	1.4	3	1	22.03	19.43	0.088
64QAM	1909.3	19193	1.4	3	3	22.05	19.45	0.088
64QAM	1909.3	19193	1.4	6	0	21.02	18.42	0.070

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	22.55	19.95	0.099
QPSK	1851.5	18615	3	1	8	22.75	20.15	0.104
QPSK	1851.5	18615	3	1	14	22.74	20.14	0.103
QPSK	1851.5	18615	3	8	0	21.73	19.13	0.082
QPSK	1851.5	18615	3	8	4	21.79	19.19	0.083
QPSK	1851.5	18615	3	8	7	21.71	19.11	0.081
QPSK	1851.5	18615	3	15	0	21.76	19.16	0.082
QPSK	1880	18900	3	1	0	22.42	19.82	0.096
QPSK	1880	18900	3	1	8	22.39	19.79	0.095
QPSK	1880	18900	3	1	14	22.18	19.58	0.091
QPSK	1880	18900	3	8	0	21.31	18.71	0.074
QPSK	1880	18900	3	8	4	21.45	18.85	0.077
QPSK	1880	18900	3	8	7	21.43	18.83	0.076
QPSK	1880	18900	3	15	0	21.39	18.79	0.076
QPSK	1908.5	19185	3	1	0	22.77	20.17	0.104
QPSK	1908.5	19185	3	1	8	22.78	20.18	0.104
QPSK	1908.5	19185	3	1	14	22.75	20.15	0.104
QPSK	1908.5	19185	3	8	0	21.90	19.30	0.085
QPSK	1908.5	19185	3	8	4	21.90	19.30	0.085
QPSK	1908.5	19185	3	8	7	22.04	19.44	0.088
QPSK	1908.5	19185	3	15	0	21.84	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	1851.5	18615	3	1	0	22.56	19.96	0.099
16QAM	1851.5	18615	3	1	8	22.04	19.44	0.088
16QAM	1851.5	18615	3	1	14	21.66	19.06	0.081
16QAM	1851.5	18615	3	8	0	20.85	18.25	0.067
16QAM	1851.5	18615	3	8	4	20.72	18.12	0.065
16QAM	1851.5	18615	3	8	7	20.88	18.28	0.067
16QAM	1851.5	18615	3	15	0	20.71	18.11	0.065
16QAM	1880	18900	3	1	0	21.93	19.33	0.086
16QAM	1880	18900	3	1	8	21.53	18.93	0.078
16QAM	1880	18900	3	1	14	21.77	19.17	0.083
16QAM	1880	18900	3	8	0	20.48	17.88	0.061
16QAM	1880	18900	3	8	4	20.45	17.85	0.061
16QAM	1880	18900	3	8	7	20.40	17.80	0.060
16QAM	1880	18900	3	15	0	20.59	17.99	0.063
16QAM	1908.5	19185	3	1	0	22.12	19.52	0.090
16QAM	1908.5	19185	3	1	8	22.23	19.63	0.092
16QAM	1908.5	19185	3	1	14	22.40	19.80	0.095
16QAM	1908.5	19185	3	8	0	20.97	18.37	0.069
16QAM	1908.5	19185	3	8	4	21.12	18.52	0.071
16QAM	1908.5	19185	3	8	7	21.01	18.41	0.069
16QAM	1908.5	19185	3	15	0	20.84	18.24	0.067
64QAM	1851.5	18615	3	1	0	21.63	19.03	0.080
64QAM	1851.5	18615	3	1	8	21.66	19.06	0.081
64QAM	1851.5	18615	3	1	14	21.54	18.94	0.078
64QAM	1851.5	18615	3	8	0	20.89	18.29	0.067
64QAM	1851.5	18615	3	8	4	20.68	18.08	0.064
64QAM	1851.5	18615	3	8	7	20.76	18.16	0.065
64QAM	1851.5	18615	3	15	0	20.78	18.18	0.066
64QAM	1880	18900	3	1	0	21.89	19.29	0.085
64QAM	1880	18900	3	1	8	21.54	18.94	0.078
64QAM	1880	18900	3	1	14	21.70	19.10	0.081
64QAM	1880	18900	3	8	0	20.27	17.67	0.058
64QAM	1880	18900	3	8	4	20.40	17.80	0.060
64QAM	1880	18900	3	8	7	20.53	17.93	0.062
64QAM	1880	18900	3	15	0	20.26	17.66	0.058
64QAM	1908.5	19185	3	1	0	21.73	19.13	0.082
64QAM	1908.5	19185	3	1	8	22.30	19.70	0.093
64QAM	1908.5	19185	3	1	14	21.75	19.15	0.082
64QAM	1908.5	19185	3	8	0	20.91	18.31	0.068
64QAM	1908.5	19185	3	8	4	21.11	18.51	0.071
64QAM	1908.5	19185	3	8	7	21.08	18.48	0.070
64QAM	1908.5	19185	3	15	0	20.90	18.30	0.068

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	23.01	20.41	0.110
QPSK	1852.5	18625	5	1	12	22.69	20.09	0.102
QPSK	1852.5	18625	5	1	24	22.58	19.98	0.100
QPSK	1852.5	18625	5	12	0	21.73	19.13	0.082
QPSK	1852.5	18625	5	12	7	21.72	19.12	0.082
QPSK	1852.5	18625	5	12	13	21.73	19.13	0.082
QPSK	1852.5	18625	5	25	0	21.72	19.12	0.082
QPSK	1880	18900	5	1	0	22.44	19.84	0.096
QPSK	1880	18900	5	1	12	22.25	19.65	0.092
QPSK	1880	18900	5	1	24	22.27	19.67	0.093
QPSK	1880	18900	5	12	0	21.27	18.67	0.074
QPSK	1880	18900	5	12	7	21.33	18.73	0.075
QPSK	1880	18900	5	12	13	21.37	18.77	0.075
QPSK	1880	18900	5	25	0	21.52	18.92	0.078
QPSK	1907.5	19175	5	1	0	22.96	20.36	0.109
QPSK	1907.5	19175	5	1	12	23.03	20.43	0.110
QPSK	1907.5	19175	5	1	24	22.86	20.26	0.106
QPSK	1907.5	19175	5	12	0	21.85	19.25	0.084
QPSK	1907.5	19175	5	12	7	21.89	19.29	0.085
QPSK	1907.5	19175	5	12	13	21.95	19.35	0.086
QPSK	1907.5	19175	5	25	0	21.86	19.26	0.084

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	22.12	19.52	0.090
16QAM	1852.5	18625	5	1	12	22.16	19.56	0.090
16QAM	1852.5	18625	5	1	24	21.41	18.81	0.076
16QAM	1852.5	18625	5	12	0	20.97	18.37	0.069
16QAM	1852.5	18625	5	12	7	20.84	18.24	0.067
16QAM	1852.5	18625	5	12	13	20.76	18.16	0.065
16QAM	1852.5	18625	5	25	0	20.77	18.17	0.066
16QAM	1880	18900	5	1	0	21.52	18.92	0.078
16QAM	1880	18900	5	1	12	21.55	18.95	0.079
16QAM	1880	18900	5	1	24	21.75	19.15	0.082
16QAM	1880	18900	5	12	0	20.27	17.67	0.058
16QAM	1880	18900	5	12	7	20.57	17.97	0.063
16QAM	1880	18900	5	12	13	20.57	17.97	0.063
16QAM	1880	18900	5	25	0	20.42	17.82	0.061
16QAM	1907.5	19175	5	1	0	22.59	19.99	0.100
16QAM	1907.5	19175	5	1	12	22.38	19.78	0.095
16QAM	1907.5	19175	5	1	24	22.29	19.69	0.093
16QAM	1907.5	19175	5	12	0	20.96	18.36	0.069
16QAM	1907.5	19175	5	12	7	21.00	18.40	0.069
16QAM	1907.5	19175	5	12	13	21.15	18.55	0.072
16QAM	1907.5	19175	5	25	0	20.94	18.34	0.068
64QAM	1852.5	18625	5	1	0	21.79	19.19	0.083
64QAM	1852.5	18625	5	1	12	22.02	19.42	0.087
64QAM	1852.5	18625	5	1	24	22.06	19.46	0.088
64QAM	1852.5	18625	5	12	0	20.86	18.26	0.067
64QAM	1852.5	18625	5	12	7	20.70	18.10	0.065
64QAM	1852.5	18625	5	12	13	20.73	18.13	0.065
64QAM	1852.5	18625	5	25	0	20.72	18.12	0.065
64QAM	1880	18900	5	1	0	21.54	18.94	0.078
64QAM	1880	18900	5	1	12	21.49	18.89	0.077
64QAM	1880	18900	5	1	24	21.37	18.77	0.075
64QAM	1880	18900	5	12	0	20.30	17.70	0.059
64QAM	1880	18900	5	12	7	20.44	17.84	0.061
64QAM	1880	18900	5	12	13	20.43	17.83	0.061
64QAM	1880	18900	5	25	0	20.31	17.71	0.059
64QAM	1907.5	19175	5	1	0	21.81	19.21	0.083
64QAM	1907.5	19175	5	1	12	22.50	19.90	0.098
64QAM	1907.5	19175	5	1	24	22.06	19.46	0.088
64QAM	1907.5	19175	5	12	0	20.95	18.35	0.068
64QAM	1907.5	19175	5	12	7	21.02	18.42	0.070
64QAM	1907.5	19175	5	12	13	20.91	18.31	0.068
64QAM	1907.5	19175	5	25	0	20.87	18.27	0.067

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	22.75	20.15	0.104
QPSK	1855	18650	10	1	25	22.60	20.00	0.100
QPSK	1855	18650	10	1	49	22.55	19.95	0.099
QPSK	1855	18650	10	25	0	21.67	19.07	0.081
QPSK	1855	18650	10	25	12	21.72	19.12	0.082
QPSK	1855	18650	10	25	25	21.69	19.09	0.081
QPSK	1855	18650	10	50	0	21.61	19.01	0.080
QPSK	1880	18900	10	1	0	22.22	19.62	0.092
QPSK	1880	18900	10	1	25	22.29	19.69	0.093
QPSK	1880	18900	10	1	49	22.56	19.96	0.099
QPSK	1880	18900	10	25	0	21.32	18.72	0.074
QPSK	1880	18900	10	25	12	21.54	18.94	0.078
QPSK	1880	18900	10	25	25	21.47	18.87	0.077
QPSK	1880	18900	10	50	0	21.58	18.98	0.079
QPSK	1905	19150	10	1	0	22.61	20.01	0.100
QPSK	1905	19150	10	1	25	22.74	20.14	0.103
QPSK	1905	19150	10	1	49	22.93	20.33	0.108
QPSK	1905	19150	10	25	0	21.88	19.28	0.085
QPSK	1905	19150	10	25	12	21.90	19.30	0.085
QPSK	1905	19150	10	25	25	22.01	19.41	0.087
QPSK	1905	19150	10	50	0	22.05	19.45	0.088

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	22.04	19.44	0.088
16QAM	1855	18650	10	1	25	21.50	18.90	0.078
16QAM	1855	18650	10	1	49	22.00	19.40	0.087
16QAM	1855	18650	10	25	0	20.57	17.97	0.063
16QAM	1855	18650	10	25	12	20.71	18.11	0.065
16QAM	1855	18650	10	25	25	20.67	18.07	0.064
16QAM	1855	18650	10	50	0	20.71	18.11	0.065
16QAM	1880	18900	10	1	0	21.93	19.33	0.086
16QAM	1880	18900	10	1	25	21.65	19.05	0.080
16QAM	1880	18900	10	1	49	21.66	19.06	0.081
16QAM	1880	18900	10	25	0	20.28	17.68	0.059
16QAM	1880	18900	10	25	12	20.56	17.96	0.063
16QAM	1880	18900	10	25	25	20.51	17.91	0.062
16QAM	1880	18900	10	50	0	20.43	17.83	0.061
16QAM	1905	19150	10	1	0	22.52	19.92	0.098
16QAM	1905	19150	10	1	25	22.22	19.62	0.092
16QAM	1905	19150	10	1	49	22.27	19.67	0.093
16QAM	1905	19150	10	25	0	20.82	18.22	0.066
16QAM	1905	19150	10	25	12	20.97	18.37	0.069
16QAM	1905	19150	10	25	25	21.06	18.46	0.070
16QAM	1905	19150	10	50	0	20.94	18.34	0.068
64QAM	1855	18650	10	1	0	21.56	18.96	0.079
64QAM	1855	18650	10	1	25	21.75	19.15	0.082
64QAM	1855	18650	10	1	49	22.02	19.42	0.087
64QAM	1855	18650	10	25	0	20.68	18.08	0.064
64QAM	1855	18650	10	25	12	20.77	18.17	0.066
64QAM	1855	18650	10	25	25	20.62	18.02	0.063
64QAM	1855	18650	10	50	0	20.67	18.07	0.064
64QAM	1880	18900	10	1	0	21.84	19.24	0.084
64QAM	1880	18900	10	1	25	21.58	18.98	0.079
64QAM	1880	18900	10	1	49	21.26	18.66	0.073
64QAM	1880	18900	10	25	0	20.23	17.63	0.058
64QAM	1880	18900	10	25	12	20.49	17.89	0.062
64QAM	1880	18900	10	25	25	20.41	17.81	0.060
64QAM	1880	18900	10	50	0	20.56	17.96	0.063
64QAM	1905	19150	10	1	0	22.11	19.51	0.089
64QAM	1905	19150	10	1	25	22.13	19.53	0.090
64QAM	1905	19150	10	1	49	21.72	19.12	0.082
64QAM	1905	19150	10	25	0	21.00	18.40	0.069
64QAM	1905	19150	10	25	12	21.04	18.44	0.070
64QAM	1905	19150	10	25	25	21.03	18.43	0.070
64QAM	1905	19150	10	50	0	21.03	18.43	0.070

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	22.78	20.18	0.104
QPSK	1857.5	18675	15	1	37	22.87	20.27	0.106
QPSK	1857.5	18675	15	1	74	22.76	20.16	0.104
QPSK	1857.5	18675	15	36	0	21.51	18.91	0.078
QPSK	1857.5	18675	15	36	29	21.46	18.86	0.077
QPSK	1857.5	18675	15	36	30	21.54	18.94	0.078
QPSK	1857.5	18675	15	75	0	21.50	18.90	0.078
QPSK	1880	18900	15	1	0	22.25	19.65	0.092
QPSK	1880	18900	15	1	37	22.09	19.49	0.089
QPSK	1880	18900	15	1	74	22.72	20.12	0.103
QPSK	1880	18900	15	36	0	21.20	18.60	0.072
QPSK	1880	18900	15	36	29	21.32	18.72	0.074
QPSK	1880	18900	15	36	30	21.32	18.72	0.074
QPSK	1880	18900	15	75	0	21.29	18.69	0.074
QPSK	1902.5	19125	15	1	0	22.41	19.81	0.096
QPSK	1902.5	19125	15	1	37	23.05	20.45	0.111
QPSK	1902.5	19125	15	1	74	22.95	20.35	0.108
QPSK	1902.5	19125	15	36	0	21.63	19.03	0.080
QPSK	1902.5	19125	15	36	29	21.73	19.13	0.082
QPSK	1902.5	19125	15	36	30	21.81	19.21	0.083
QPSK	1902.5	19125	15	75	0	21.67	19.07	0.081

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	21.73	19.13	0.082
16QAM	1857.5	18675	15	1	37	21.62	19.02	0.080
16QAM	1857.5	18675	15	1	74	21.37	18.77	0.075
16QAM	1857.5	18675	15	36	0	20.53	17.93	0.062
16QAM	1857.5	18675	15	36	29	20.54	17.94	0.062
16QAM	1857.5	18675	15	36	30	20.64	18.04	0.064
16QAM	1857.5	18675	15	75	0	20.57	17.97	0.063
16QAM	1880	18900	15	1	0	21.42	18.82	0.076
16QAM	1880	18900	15	1	37	21.62	19.02	0.080
16QAM	1880	18900	15	1	74	21.48	18.88	0.077
16QAM	1880	18900	15	36	0	20.12	17.52	0.056
16QAM	1880	18900	15	36	29	20.40	17.80	0.060
16QAM	1880	18900	15	36	30	20.33	17.73	0.059
16QAM	1880	18900	15	75	0	20.36	17.76	0.060
16QAM	1902.5	19125	15	1	0	21.81	19.21	0.083
16QAM	1902.5	19125	15	1	37	21.87	19.27	0.085
16QAM	1902.5	19125	15	1	74	21.66	19.06	0.081
16QAM	1902.5	19125	15	36	0	20.69	18.09	0.064
16QAM	1902.5	19125	15	36	29	20.74	18.14	0.065
16QAM	1902.5	19125	15	36	30	20.82	18.22	0.066
16QAM	1902.5	19125	15	75	0	20.76	18.16	0.065
64QAM	1857.5	18675	15	1	0	21.60	19.00	0.079
64QAM	1857.5	18675	15	1	37	21.43	18.83	0.076
64QAM	1857.5	18675	15	1	74	21.33	18.73	0.075
64QAM	1857.5	18675	15	36	0	20.51	17.91	0.062
64QAM	1857.5	18675	15	36	29	20.46	17.86	0.061
64QAM	1857.5	18675	15	36	30	20.50	17.90	0.062
64QAM	1857.5	18675	15	75	0	20.56	17.96	0.063
64QAM	1880	18900	15	1	0	21.22	18.62	0.073
64QAM	1880	18900	15	1	37	21.54	18.94	0.078
64QAM	1880	18900	15	1	74	21.21	18.61	0.073
64QAM	1880	18900	15	36	0	20.32	17.72	0.059
64QAM	1880	18900	15	36	29	20.36	17.76	0.060
64QAM	1880	18900	15	36	30	20.32	17.72	0.059
64QAM	1880	18900	15	75	0	20.38	17.78	0.060
64QAM	1902.5	19125	15	1	0	22.35	19.75	0.094
64QAM	1902.5	19125	15	1	37	22.07	19.47	0.089
64QAM	1902.5	19125	15	1	74	22.27	19.67	0.093
64QAM	1902.5	19125	15	36	0	20.63	18.03	0.064
64QAM	1902.5	19125	15	36	29	20.82	18.22	0.066
64QAM	1902.5	19125	15	36	30	20.82	18.22	0.066
64QAM	1902.5	19125	15	75	0	20.65	18.05	0.064

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	22.67	20.07	0.102
QPSK	1860	18700	20	1	49	23.02	20.42	0.110
QPSK	1860	18700	20	1	99	22.24	19.64	0.092
QPSK	1860	18700	20	50	0	21.60	19.00	0.079
QPSK	1860	18700	20	50	24	21.53	18.93	0.078
QPSK	1860	18700	20	50	50	21.42	18.82	0.076
QPSK	1860	18700	20	100	0	21.53	18.93	0.078
QPSK	1880	18900	20	1	0	22.19	19.59	0.091
QPSK	1880	18900	20	1	49	22.65	20.05	0.101
QPSK	1880	18900	20	1	99	22.55	19.95	0.099
QPSK	1880	18900	20	50	0	21.24	18.64	0.073
QPSK	1880	18900	20	50	24	21.29	18.69	0.074
QPSK	1880	18900	20	50	50	21.35	18.75	0.075
QPSK	1880	18900	20	100	0	21.26	18.66	0.073
QPSK	1900	19100	20	1	0	22.87	20.27	0.106
QPSK	1900	19100	20	1	49	22.91	20.31	0.107
QPSK	1900	19100	20	1	99	22.63	20.03	0.101
QPSK	1900	19100	20	50	0	21.49	18.89	0.077
QPSK	1900	19100	20	50	24	21.65	19.05	0.080
QPSK	1900	19100	20	50	50	21.71	19.11	0.081
QPSK	1900	19100	20	100	0	21.71	19.11	0.081

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	21.81	19.21	0.083
16QAM	1860	18700	20	1	49	21.81	19.21	0.083
16QAM	1860	18700	20	1	99	21.67	19.07	0.081
16QAM	1860	18700	20	50	0	20.63	18.03	0.064
16QAM	1860	18700	20	50	24	20.65	18.05	0.064
16QAM	1860	18700	20	50	50	20.40	17.80	0.060
16QAM	1860	18700	20	100	0	20.56	17.96	0.063
16QAM	1880	18900	20	1	0	21.74	19.14	0.082
16QAM	1880	18900	20	1	49	21.53	18.93	0.078
16QAM	1880	18900	20	1	99	21.64	19.04	0.080
16QAM	1880	18900	20	50	0	20.30	17.70	0.059
16QAM	1880	18900	20	50	24	20.24	17.64	0.058
16QAM	1880	18900	20	50	50	20.34	17.74	0.059
16QAM	1880	18900	20	100	0	20.37	17.77	0.060
16QAM	1900	19100	20	1	0	21.57	18.97	0.079
16QAM	1900	19100	20	1	49	21.90	19.30	0.085
16QAM	1900	19100	20	1	99	21.59	18.99	0.079
16QAM	1900	19100	20	50	0	20.51	17.91	0.062
16QAM	1900	19100	20	50	24	20.72	18.12	0.065
16QAM	1900	19100	20	50	50	20.74	18.14	0.065
16QAM	1900	19100	20	100	0	20.69	18.09	0.064
64QAM	1860	18700	20	1	0	21.78	19.18	0.083
64QAM	1860	18700	20	1	49	21.73	19.13	0.082
64QAM	1860	18700	20	1	99	21.65	19.05	0.080
64QAM	1860	18700	20	50	0	20.59	17.99	0.063
64QAM	1860	18700	20	50	24	20.66	18.06	0.064
64QAM	1860	18700	20	50	50	20.41	17.81	0.060
64QAM	1860	18700	20	100	0	20.57	17.97	0.063
64QAM	1880	18900	20	1	0	21.17	18.57	0.072
64QAM	1880	18900	20	1	49	21.30	18.70	0.074
64QAM	1880	18900	20	1	99	21.25	18.65	0.073
64QAM	1880	18900	20	50	0	20.26	17.66	0.058
64QAM	1880	18900	20	50	24	20.35	17.75	0.060
64QAM	1880	18900	20	50	50	20.34	17.74	0.059
64QAM	1880	18900	20	100	0	20.29	17.69	0.059
64QAM	1900	19100	20	1	0	21.77	19.17	0.083
64QAM	1900	19100	20	1	49	21.75	19.15	0.082
64QAM	1900	19100	20	1	99	21.55	18.95	0.079
64QAM	1900	19100	20	50	0	20.55	17.95	0.062
64QAM	1900	19100	20	50	24	20.73	18.13	0.065
64QAM	1900	19100	20	50	50	20.70	18.10	0.065
64QAM	1900	19100	20	100	0	20.70	18.10	0.065