

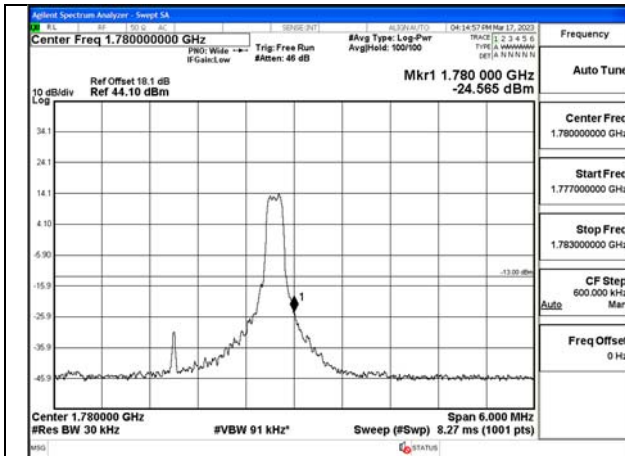


Fig.7

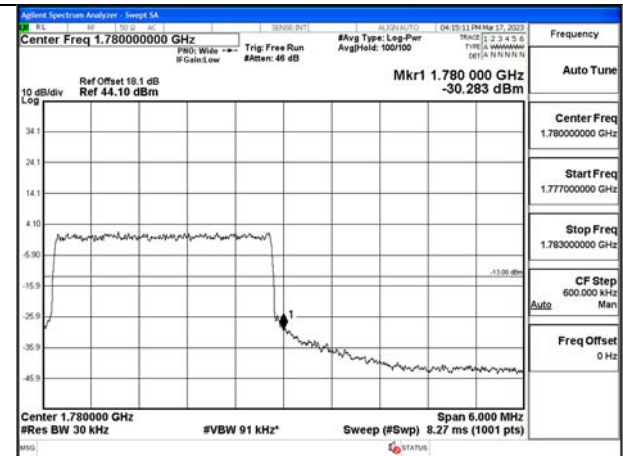


Fig.8

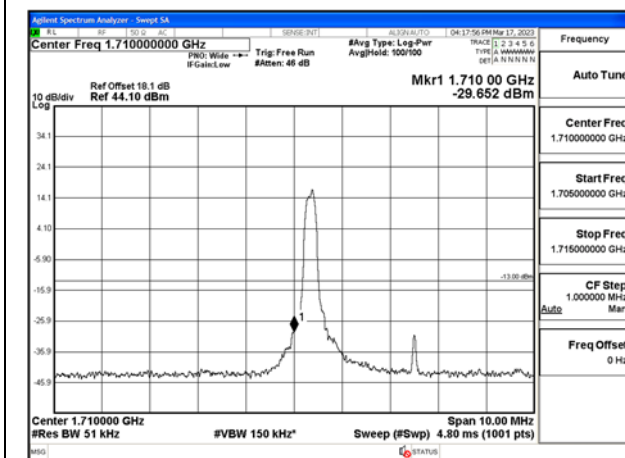


Fig.9

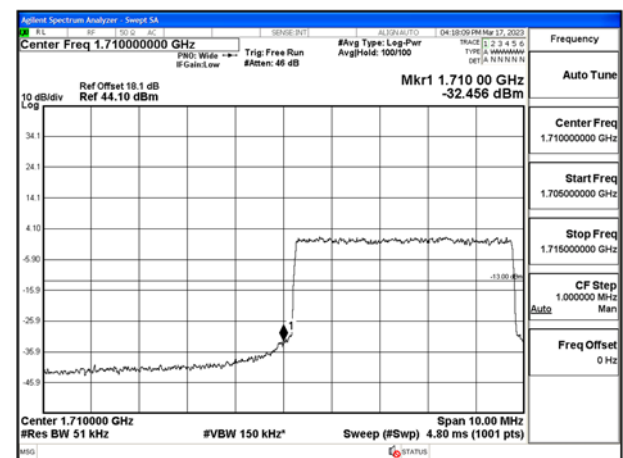


Fig.10

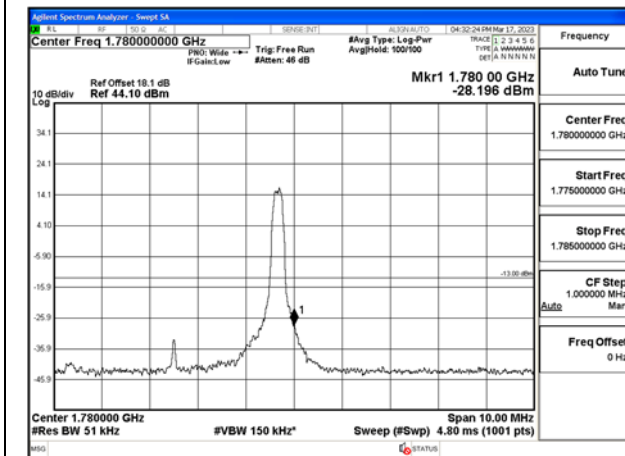


Fig.11

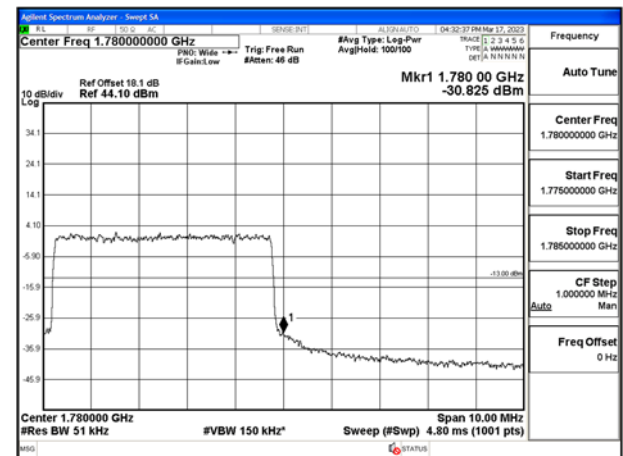


Fig.12

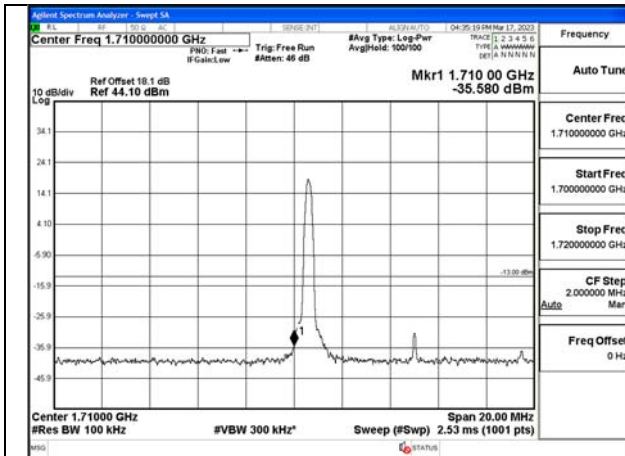


Fig.13

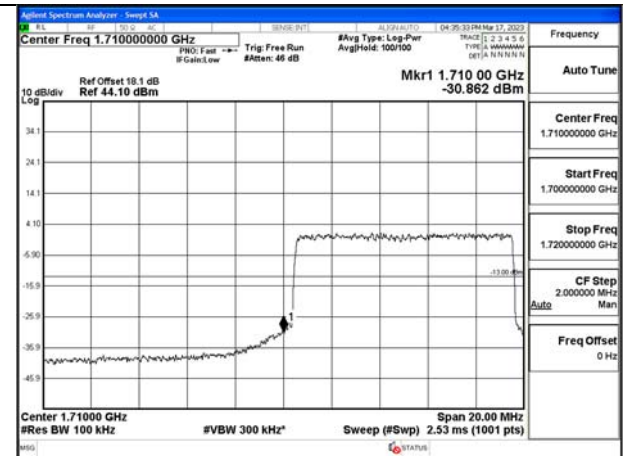


Fig.14

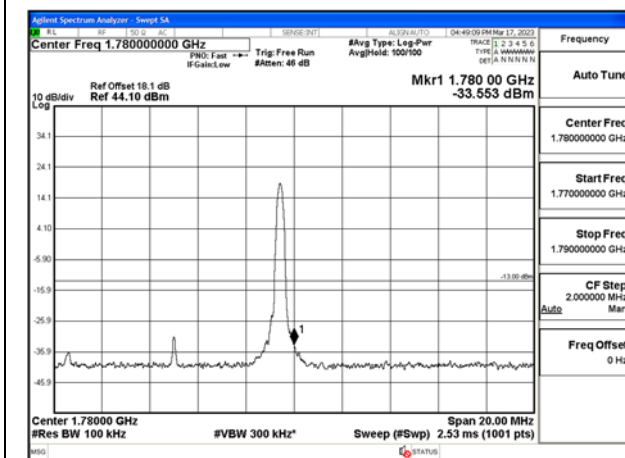


Fig.15

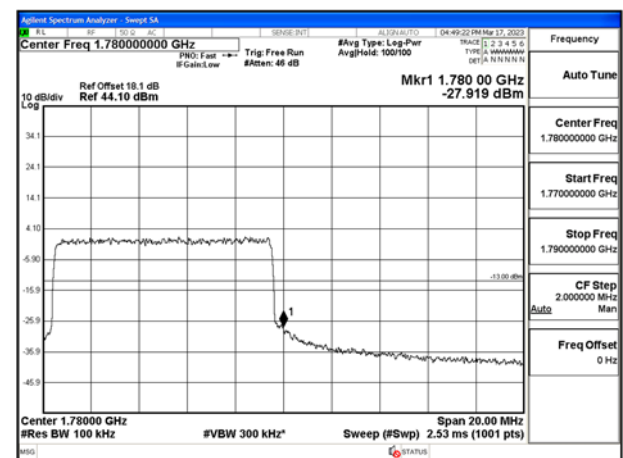


Fig.16

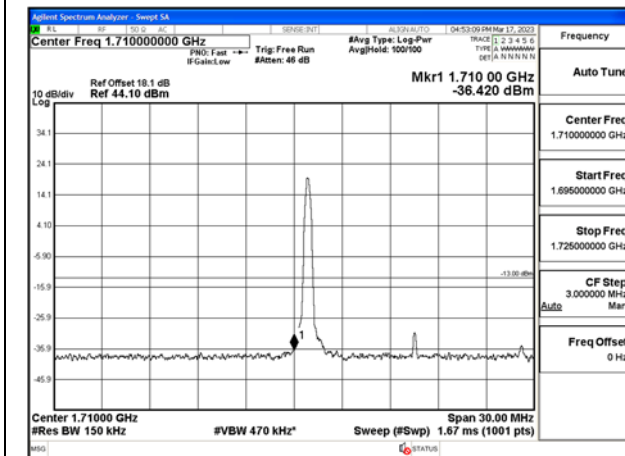


Fig.17

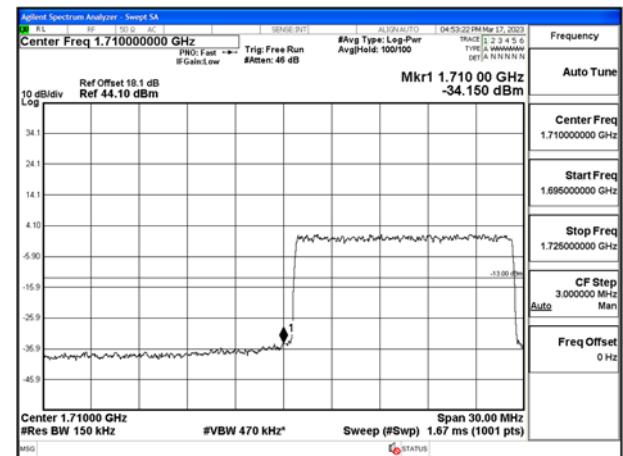


Fig.18

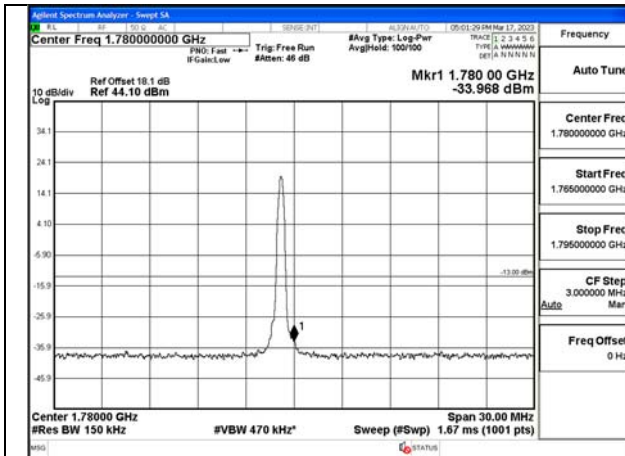


Fig.19

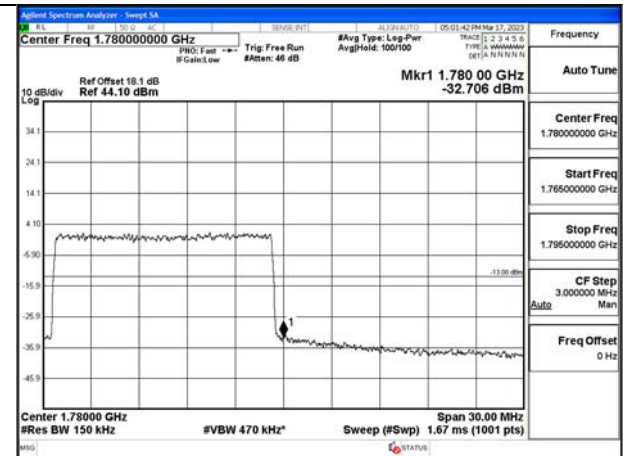


Fig.20

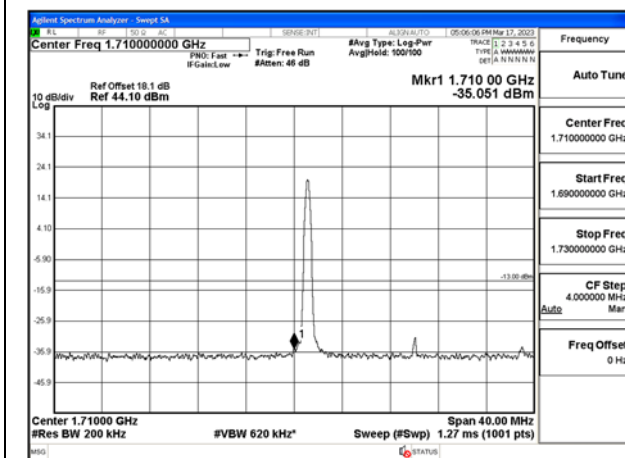


Fig.21

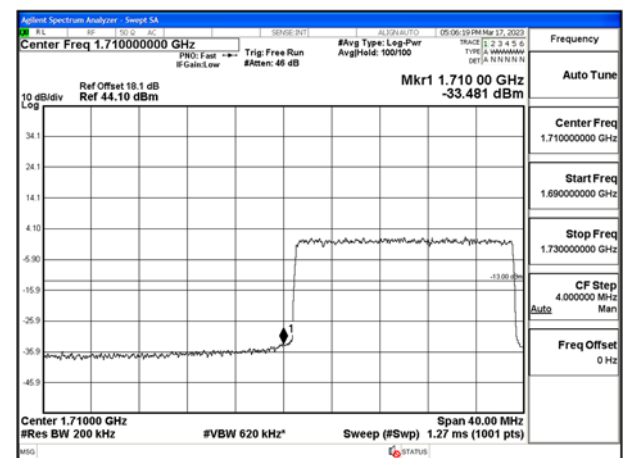


Fig.22

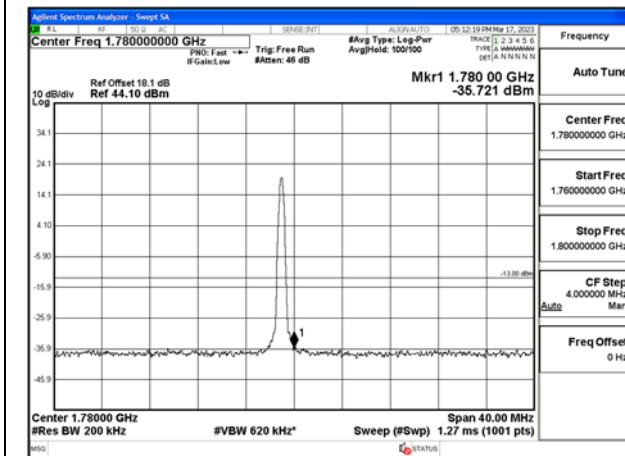


Fig.23

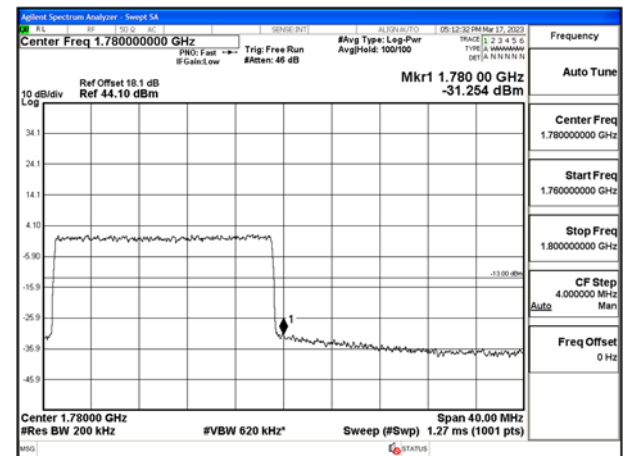


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.006	-0.002	-0.002	-0.002	-0.002	-0.001
0	NV	0.012	-0.001	0.001	0.001	-0.003	-0.002
+10	NV	-0.008	0.008	0.001	-0.001	-0.002	-0.001
+20	NV	-0.013	0.001	0.002	-0.001	0.001	-0.001
+30	NV	-0.005	-0.004	-0.002	0.001	-0.001	-0.002
+40	NV	-0.007	-0.002	-0.001	0.000	-0.002	-0.002
+50	NV	-0.004	-0.003	-0.004	0.001	-0.003	-0.003
+55	NV	-0.004	-0.004	0.003	-0.002	0.001	-0.002
+20	LV	-0.006	-0.003	-0.001	0.003	0.005	-0.008
+20	HV	-0.002	-0.004	0.002	-0.002	-0.001	0.001

Temperature(°C)	Voltage	Test Result (ppm) High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.007	0.001	0.001	0.001	-0.003	-0.003
0	NV	-0.012	0.002	-0.003	0.012	-0.003	-0.003
+10	NV	0.010	-0.002	0.002	0.002	-0.003	-0.002
+20	NV	0.007	0.001	-0.001	-0.001	-0.003	-0.003
+30	NV	-0.008	0.002	0.002	-0.001	-0.003	-0.004
+40	NV	0.006	-0.005	0.001	0.000	-0.003	-0.003
+50	NV	-0.002	-0.004	-0.003	0.004	-0.001	-0.003
+55	NV	-0.009	0.008	0.002	0.000	-0.003	-0.003
+20	LV	-0.012	-0.002	0.001	-0.001	0.002	-0.003
+20	HV	-0.009	-0.005	-0.001	-0.002	-0.002	0.001

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	131979	1.4	1	0	22.66	21.16	0.131
QPSK	1710.7	131979	1.4	1	3	22.67	21.17	0.131
QPSK	1710.7	131979	1.4	1	5	22.51	21.01	0.126
QPSK	1710.7	131979	1.4	3	0	22.63	21.13	0.130
QPSK	1710.7	131979	1.4	3	1	22.68	21.18	0.131
QPSK	1710.7	131979	1.4	3	3	22.79	21.29	0.135
QPSK	1710.7	131979	1.4	6	0	21.63	20.13	0.103
QPSK	1755	132422	1.4	1	0	22.62	21.12	0.129
QPSK	1755	132422	1.4	1	3	22.54	21.04	0.127
QPSK	1755	132422	1.4	1	5	22.40	20.90	0.123
QPSK	1755	132422	1.4	3	0	22.57	21.07	0.128
QPSK	1755	132422	1.4	3	1	22.54	21.04	0.127
QPSK	1755	132422	1.4	3	3	22.65	21.15	0.130
QPSK	1755	132422	1.4	6	0	21.63	20.13	0.103
QPSK	1779.3	132665	1.4	1	0	22.81	21.31	0.135
QPSK	1779.3	132665	1.4	1	3	22.53	21.03	0.127
QPSK	1779.3	132665	1.4	1	5	22.52	21.02	0.126
QPSK	1779.3	132665	1.4	3	0	22.62	21.12	0.129
QPSK	1779.3	132665	1.4	3	1	22.74	21.24	0.133
QPSK	1779.3	132665	1.4	3	3	22.77	21.27	0.134
QPSK	1779.3	132665	1.4	6	0	21.56	20.06	0.101

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1710.7	131979	1.4	1	0	21.61	20.11	0.103
16QAM	1710.7	131979	1.4	1	3	21.82	20.32	0.108
16QAM	1710.7	131979	1.4	1	5	22.02	20.52	0.113
16QAM	1710.7	131979	1.4	3	0	21.83	20.33	0.108
16QAM	1710.7	131979	1.4	3	1	22.01	20.51	0.112
16QAM	1710.7	131979	1.4	3	3	21.88	20.38	0.109
16QAM	1710.7	131979	1.4	6	0	20.76	19.26	0.084
16QAM	1755	132422	1.4	1	0	22.07	20.57	0.114
16QAM	1755	132422	1.4	1	3	21.87	20.37	0.109
16QAM	1755	132422	1.4	1	5	22.05	20.55	0.114
16QAM	1755	132422	1.4	3	0	21.64	20.14	0.103
16QAM	1755	132422	1.4	3	1	21.71	20.21	0.105
16QAM	1755	132422	1.4	3	3	21.92	20.42	0.110
16QAM	1755	132422	1.4	6	0	20.55	19.05	0.080
16QAM	1779.3	132665	1.4	1	0	21.52	20.02	0.100
16QAM	1779.3	132665	1.4	1	3	21.96	20.46	0.111
16QAM	1779.3	132665	1.4	1	5	21.98	20.48	0.112
16QAM	1779.3	132665	1.4	3	0	21.80	20.30	0.107
16QAM	1779.3	132665	1.4	3	1	21.91	20.41	0.110
16QAM	1779.3	132665	1.4	3	3	21.99	20.49	0.112
16QAM	1779.3	132665	1.4	6	0	20.79	19.29	0.085
64QAM	1710.7	131979	1.4	1	0	21.69	20.19	0.104
64QAM	1710.7	131979	1.4	1	3	21.39	19.89	0.097
64QAM	1710.7	131979	1.4	1	5	21.84	20.34	0.108
64QAM	1710.7	131979	1.4	3	0	21.79	20.29	0.107
64QAM	1710.7	131979	1.4	3	1	21.58	20.08	0.102
64QAM	1710.7	131979	1.4	3	3	21.76	20.26	0.106
64QAM	1710.7	131979	1.4	6	0	20.64	19.14	0.082
64QAM	1755	132422	1.4	1	0	21.86	20.36	0.109
64QAM	1755	132422	1.4	1	3	21.60	20.10	0.102
64QAM	1755	132422	1.4	1	5	21.77	20.27	0.106
64QAM	1755	132422	1.4	3	0	21.53	20.03	0.101
64QAM	1755	132422	1.4	3	1	21.72	20.22	0.105
64QAM	1755	132422	1.4	3	3	21.57	20.07	0.102
64QAM	1755	132422	1.4	6	0	20.53	19.03	0.080
64QAM	1779.3	132665	1.4	1	0	21.68	20.18	0.104
64QAM	1779.3	132665	1.4	1	3	21.93	20.43	0.110
64QAM	1779.3	132665	1.4	1	5	21.56	20.06	0.101
64QAM	1779.3	132665	1.4	3	0	21.63	20.13	0.103
64QAM	1779.3	132665	1.4	3	1	21.89	20.39	0.109
64QAM	1779.3	132665	1.4	3	3	21.76	20.26	0.106
64QAM	1779.3	132665	1.4	6	0	20.66	19.16	0.082

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	22.58	21.08	0.128
QPSK	1711.5	131987	3	1	8	22.61	21.11	0.129
QPSK	1711.5	131987	3	1	14	22.46	20.96	0.125
QPSK	1711.5	131987	3	8	0	21.62	20.12	0.103
QPSK	1711.5	131987	3	8	4	21.56	20.06	0.101
QPSK	1711.5	131987	3	8	7	21.67	20.17	0.104
QPSK	1711.5	131987	3	15	0	21.53	20.03	0.101
QPSK	1755	132422	3	1	0	22.29	20.79	0.120
QPSK	1755	132422	3	1	8	22.34	20.84	0.121
QPSK	1755	132422	3	1	14	22.35	20.85	0.122
QPSK	1755	132422	3	8	0	21.66	20.16	0.104
QPSK	1755	132422	3	8	4	21.52	20.02	0.100
QPSK	1755	132422	3	8	7	21.51	20.01	0.100
QPSK	1755	132422	3	15	0	21.51	20.01	0.100
QPSK	1778.5	132657	3	1	0	22.28	20.78	0.120
QPSK	1778.5	132657	3	1	8	22.81	21.31	0.135
QPSK	1778.5	132657	3	1	14	22.50	21.00	0.126
QPSK	1778.5	132657	3	8	0	21.60	20.10	0.102
QPSK	1778.5	132657	3	8	4	21.61	20.11	0.103
QPSK	1778.5	132657	3	8	7	21.74	20.24	0.106
QPSK	1778.5	132657	3	15	0	21.69	20.19	0.104

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	131987	3	1	0	21.83	20.33	0.108
16QAM	1711.5	131987	3	1	8	21.98	20.48	0.112
16QAM	1711.5	131987	3	1	14	22.05	20.55	0.114
16QAM	1711.5	131987	3	8	0	20.70	19.20	0.083
16QAM	1711.5	131987	3	8	4	20.81	19.31	0.085
16QAM	1711.5	131987	3	8	7	20.68	19.18	0.083
16QAM	1711.5	131987	3	15	0	20.55	19.05	0.080
16QAM	1755	132422	3	1	0	21.91	20.41	0.110
16QAM	1755	132422	3	1	8	22.46	20.96	0.125
16QAM	1755	132422	3	1	14	21.67	20.17	0.104
16QAM	1755	132422	3	8	0	20.85	19.35	0.086
16QAM	1755	132422	3	8	4	20.65	19.15	0.082
16QAM	1755	132422	3	8	7	20.64	19.14	0.082
16QAM	1755	132422	3	15	0	20.58	19.08	0.081
16QAM	1778.5	132657	3	1	0	22.08	20.58	0.114
16QAM	1778.5	132657	3	1	8	21.95	20.45	0.111
16QAM	1778.5	132657	3	1	14	21.69	20.19	0.104
16QAM	1778.5	132657	3	8	0	20.66	19.16	0.082
16QAM	1778.5	132657	3	8	4	20.85	19.35	0.086
16QAM	1778.5	132657	3	8	7	20.81	19.31	0.085
16QAM	1778.5	132657	3	15	0	20.67	19.17	0.083
64QAM	1711.5	131987	3	1	0	21.72	20.22	0.105
64QAM	1711.5	131987	3	1	8	21.94	20.44	0.111
64QAM	1711.5	131987	3	1	14	21.81	20.31	0.107
64QAM	1711.5	131987	3	8	0	20.44	18.94	0.078
64QAM	1711.5	131987	3	8	4	20.70	19.20	0.083
64QAM	1711.5	131987	3	8	7	20.41	18.91	0.078
64QAM	1711.5	131987	3	15	0	20.62	19.12	0.082
64QAM	1755	132422	3	1	0	21.35	19.85	0.097
64QAM	1755	132422	3	1	8	21.91	20.41	0.110
64QAM	1755	132422	3	1	14	21.62	20.12	0.103
64QAM	1755	132422	3	8	0	20.64	19.14	0.082
64QAM	1755	132422	3	8	4	20.67	19.17	0.083
64QAM	1755	132422	3	8	7	20.60	19.10	0.081
64QAM	1755	132422	3	15	0	20.55	19.05	0.080
64QAM	1778.5	132657	3	1	0	21.92	20.42	0.110
64QAM	1778.5	132657	3	1	8	22.32	20.82	0.121
64QAM	1778.5	132657	3	1	14	21.71	20.21	0.105
64QAM	1778.5	132657	3	8	0	20.68	19.18	0.083
64QAM	1778.5	132657	3	8	4	20.56	19.06	0.081
64QAM	1778.5	132657	3	8	7	20.89	19.39	0.087
64QAM	1778.5	132657	3	15	0	20.55	19.05	0.080

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	131997	5	1	0	22.62	21.12	0.129
QPSK	1712.5	131997	5	1	12	22.51	21.01	0.126
QPSK	1712.5	131997	5	1	24	22.50	21.00	0.126
QPSK	1712.5	131997	5	12	0	21.61	20.11	0.103
QPSK	1712.5	131997	5	12	7	21.67	20.17	0.104
QPSK	1712.5	131997	5	12	13	21.57	20.07	0.102
QPSK	1712.5	131997	5	25	0	21.62	20.12	0.103
QPSK	1755	132422	5	1	0	22.58	21.08	0.128
QPSK	1755	132422	5	1	12	22.65	21.15	0.130
QPSK	1755	132422	5	1	24	22.61	21.11	0.129
QPSK	1755	132422	5	12	0	21.58	20.08	0.102
QPSK	1755	132422	5	12	7	21.61	20.11	0.103
QPSK	1755	132422	5	12	13	21.66	20.16	0.104
QPSK	1755	132422	5	25	0	21.49	19.99	0.100
QPSK	1777.5	132647	5	1	0	22.69	21.19	0.132
QPSK	1777.5	132647	5	1	12	22.59	21.09	0.129
QPSK	1777.5	132647	5	1	24	22.58	21.08	0.128
QPSK	1777.5	132647	5	12	0	21.63	20.13	0.103
QPSK	1777.5	132647	5	12	7	21.71	20.21	0.105
QPSK	1777.5	132647	5	12	13	21.71	20.21	0.105
QPSK	1777.5	132647	5	25	0	21.68	20.18	0.104

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	131997	5	1	0	21.94	20.44	0.111
16QAM	1712.5	131997	5	1	12	22.47	20.97	0.125
16QAM	1712.5	131997	5	1	24	21.04	19.54	0.090
16QAM	1712.5	131997	5	12	0	20.47	18.97	0.079
16QAM	1712.5	131997	5	12	7	20.64	19.14	0.082
16QAM	1712.5	131997	5	12	13	20.64	19.14	0.082
16QAM	1712.5	131997	5	25	0	20.67	19.17	0.083
16QAM	1755	132422	5	1	0	21.97	20.47	0.111
16QAM	1755	132422	5	1	12	22.25	20.75	0.119
16QAM	1755	132422	5	1	24	22.06	20.56	0.114
16QAM	1755	132422	5	12	0	20.46	18.96	0.079
16QAM	1755	132422	5	12	7	20.65	19.15	0.082
16QAM	1755	132422	5	12	13	20.51	19.01	0.080
16QAM	1755	132422	5	25	0	20.66	19.16	0.082
16QAM	1777.5	132647	5	1	0	22.01	20.51	0.112
16QAM	1777.5	132647	5	1	12	21.79	20.29	0.107
16QAM	1777.5	132647	5	1	24	22.14	20.64	0.116
16QAM	1777.5	132647	5	12	0	20.56	19.06	0.081
16QAM	1777.5	132647	5	12	7	20.80	19.30	0.085
16QAM	1777.5	132647	5	12	13	20.89	19.39	0.087
16QAM	1777.5	132647	5	25	0	20.71	19.21	0.083
64QAM	1712.5	131997	5	1	0	21.39	19.89	0.097
64QAM	1712.5	131997	5	1	12	21.43	19.93	0.098
64QAM	1712.5	131997	5	1	24	22.20	20.70	0.117
64QAM	1712.5	131997	5	12	0	20.65	19.15	0.082
64QAM	1712.5	131997	5	12	7	20.59	19.09	0.081
64QAM	1712.5	131997	5	12	13	20.68	19.18	0.083
64QAM	1712.5	131997	5	25	0	20.64	19.14	0.082
64QAM	1755	132422	5	1	0	21.94	20.44	0.111
64QAM	1755	132422	5	1	12	21.84	20.34	0.108
64QAM	1755	132422	5	1	24	22.09	20.59	0.115
64QAM	1755	132422	5	12	0	20.53	19.03	0.080
64QAM	1755	132422	5	12	7	20.64	19.14	0.082
64QAM	1755	132422	5	12	13	20.68	19.18	0.083
64QAM	1755	132422	5	25	0	20.64	19.14	0.082
64QAM	1777.5	132647	5	1	0	21.84	20.34	0.108
64QAM	1777.5	132647	5	1	12	21.96	20.46	0.111
64QAM	1777.5	132647	5	1	24	21.63	20.13	0.103
64QAM	1777.5	132647	5	12	0	20.51	19.01	0.080
64QAM	1777.5	132647	5	12	7	20.73	19.23	0.084
64QAM	1777.5	132647	5	12	13	20.70	19.20	0.083
64QAM	1777.5	132647	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)
QPSK	1715	132022	10	1	0	22.57	21.07	0.128
QPSK	1715	132022	10	1	25	22.60	21.10	0.129
QPSK	1715	132022	10	1	49	22.51	21.01	0.126
QPSK	1715	132022	10	25	0	21.53	20.03	0.101
QPSK	1715	132022	10	25	12	21.61	20.11	0.103
QPSK	1715	132022	10	25	25	21.55	20.05	0.101
QPSK	1715	132022	10	50	0	21.57	20.07	0.102
QPSK	1755	132422	10	1	0	22.45	20.95	0.124
QPSK	1755	132422	10	1	25	22.91	21.41	0.138
QPSK	1755	132422	10	1	49	22.63	21.13	0.130
QPSK	1755	132422	10	25	0	21.46	19.96	0.099
QPSK	1755	132422	10	25	12	21.66	20.16	0.104
QPSK	1755	132422	10	25	25	21.65	20.15	0.104
QPSK	1755	132422	10	50	0	21.60	20.10	0.102
QPSK	1775	132622	10	1	0	22.52	21.02	0.126
QPSK	1775	132622	10	1	25	22.57	21.07	0.128
QPSK	1775	132622	10	1	49	22.66	21.16	0.131
QPSK	1775	132622	10	25	0	21.56	20.06	0.101
QPSK	1775	132622	10	25	12	21.58	20.08	0.102
QPSK	1775	132622	10	25	25	21.77	20.27	0.106
QPSK	1775	132622	10	50	0	21.63	20.13	0.103

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	132022	10	1	0	21.60	20.10	0.102
16QAM	1715	132022	10	1	25	21.83	20.33	0.108
16QAM	1715	132022	10	1	49	21.69	20.19	0.104
16QAM	1715	132022	10	25	0	20.49	18.99	0.079
16QAM	1715	132022	10	25	12	20.65	19.15	0.082
16QAM	1715	132022	10	25	25	20.58	19.08	0.081
16QAM	1715	132022	10	50	0	20.56	19.06	0.081
16QAM	1755	132422	10	1	0	21.64	20.14	0.103
16QAM	1755	132422	10	1	25	22.24	20.74	0.119
16QAM	1755	132422	10	1	49	21.91	20.41	0.110
16QAM	1755	132422	10	25	0	20.52	19.02	0.080
16QAM	1755	132422	10	25	12	20.64	19.14	0.082
16QAM	1755	132422	10	25	25	20.72	19.22	0.084
16QAM	1755	132422	10	50	0	20.53	19.03	0.080
16QAM	1775	132622	10	1	0	21.85	20.35	0.108
16QAM	1775	132622	10	1	25	21.70	20.20	0.105
16QAM	1775	132622	10	1	49	21.91	20.41	0.110
16QAM	1775	132622	10	25	0	20.66	19.16	0.082
16QAM	1775	132622	10	25	12	20.63	19.13	0.082
16QAM	1775	132622	10	25	25	20.70	19.20	0.083
16QAM	1775	132622	10	50	0	20.55	19.05	0.080
64QAM	1715	132022	10	1	0	21.42	19.92	0.098
64QAM	1715	132022	10	1	25	21.46	19.96	0.099
64QAM	1715	132022	10	1	49	21.63	20.13	0.103
64QAM	1715	132022	10	25	0	20.53	19.03	0.080
64QAM	1715	132022	10	25	12	20.57	19.07	0.081
64QAM	1715	132022	10	25	25	20.54	19.04	0.080
64QAM	1715	132022	10	50	0	20.64	19.14	0.082
64QAM	1755	132422	10	1	0	21.42	19.92	0.098
64QAM	1755	132422	10	1	25	21.82	20.32	0.108
64QAM	1755	132422	10	1	49	21.75	20.25	0.106
64QAM	1755	132422	10	25	0	20.45	18.95	0.079
64QAM	1755	132422	10	25	12	20.62	19.12	0.082
64QAM	1755	132422	10	25	25	20.57	19.07	0.081
64QAM	1755	132422	10	50	0	20.50	19.00	0.079
64QAM	1775	132622	10	1	0	21.58	20.08	0.102
64QAM	1775	132622	10	1	25	21.85	20.35	0.108
64QAM	1775	132622	10	1	49	22.07	20.57	0.114
64QAM	1775	132622	10	25	0	20.61	19.11	0.081
64QAM	1775	132622	10	25	12	20.62	19.12	0.082
64QAM	1775	132622	10	25	25	20.77	19.27	0.085
64QAM	1775	132622	10	50	0	20.56	19.06	0.081

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	22.59	21.09	0.129
QPSK	1717.5	132047	15	1	37	22.73	21.23	0.133
QPSK	1717.5	132047	15	1	74	22.78	21.28	0.134
QPSK	1717.5	132047	15	36	0	21.40	19.90	0.098
QPSK	1717.5	132047	15	36	29	21.43	19.93	0.098
QPSK	1717.5	132047	15	36	30	21.43	19.93	0.098
QPSK	1717.5	132047	15	75	0	21.58	20.08	0.102
QPSK	1755	132422	15	1	0	22.24	20.74	0.119
QPSK	1755	132422	15	1	37	22.81	21.31	0.135
QPSK	1755	132422	15	1	74	22.80	21.30	0.135
QPSK	1755	132422	15	36	0	21.34	19.84	0.096
QPSK	1755	132422	15	36	29	21.63	20.13	0.103
QPSK	1755	132422	15	36	30	21.58	20.08	0.102
QPSK	1755	132422	15	75	0	21.50	20.00	0.100
QPSK	1772.5	132597	15	1	0	22.32	20.82	0.121
QPSK	1772.5	132597	15	1	37	22.45	20.95	0.124
QPSK	1772.5	132597	15	1	74	22.83	21.33	0.136
QPSK	1772.5	132597	15	36	0	21.50	20.00	0.100
QPSK	1772.5	132597	15	36	29	21.59	20.09	0.102
QPSK	1772.5	132597	15	36	30	21.69	20.19	0.104
QPSK	1772.5	132597	15	75	0	21.48	19.98	0.100

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	132047	15	1	0	21.25	19.75	0.094
16QAM	1717.5	132047	15	1	37	21.41	19.91	0.098
16QAM	1717.5	132047	15	1	74	21.81	20.31	0.107
16QAM	1717.5	132047	15	36	0	20.30	18.80	0.076
16QAM	1717.5	132047	15	36	29	20.43	18.93	0.078
16QAM	1717.5	132047	15	36	30	20.50	19.00	0.079
16QAM	1717.5	132047	15	75	0	20.53	19.03	0.080
16QAM	1755	132422	15	1	0	21.53	20.03	0.101
16QAM	1755	132422	15	1	37	21.87	20.37	0.109
16QAM	1755	132422	15	1	74	21.72	20.22	0.105
16QAM	1755	132422	15	36	0	20.53	19.03	0.080
16QAM	1755	132422	15	36	29	20.49	18.99	0.079
16QAM	1755	132422	15	36	30	20.51	19.01	0.080
16QAM	1755	132422	15	75	0	20.52	19.02	0.080
16QAM	1772.5	132597	15	1	0	21.79	20.29	0.107
16QAM	1772.5	132597	15	1	37	21.75	20.25	0.106
16QAM	1772.5	132597	15	1	74	21.74	20.24	0.106
16QAM	1772.5	132597	15	36	0	20.57	19.07	0.081
16QAM	1772.5	132597	15	36	29	20.51	19.01	0.080
16QAM	1772.5	132597	15	36	30	20.74	19.24	0.084
16QAM	1772.5	132597	15	75	0	20.62	19.12	0.082
64QAM	1717.5	132047	15	1	0	21.56	20.06	0.101
64QAM	1717.5	132047	15	1	37	21.47	19.97	0.099
64QAM	1717.5	132047	15	1	74	21.38	19.88	0.097
64QAM	1717.5	132047	15	36	0	20.52	19.02	0.080
64QAM	1717.5	132047	15	36	29	20.54	19.04	0.080
64QAM	1717.5	132047	15	36	30	20.41	18.91	0.078
64QAM	1717.5	132047	15	75	0	20.48	18.98	0.079
64QAM	1755	132422	15	1	0	21.77	20.27	0.106
64QAM	1755	132422	15	1	37	21.57	20.07	0.102
64QAM	1755	132422	15	1	74	21.42	19.92	0.098
64QAM	1755	132422	15	36	0	20.49	18.99	0.079
64QAM	1755	132422	15	36	29	20.49	18.99	0.079
64QAM	1755	132422	15	36	30	20.53	19.03	0.080
64QAM	1755	132422	15	75	0	20.59	19.09	0.081
64QAM	1772.5	132597	15	1	0	21.61	20.11	0.103
64QAM	1772.5	132597	15	1	37	21.50	20.00	0.100
64QAM	1772.5	132597	15	1	74	21.58	20.08	0.102
64QAM	1772.5	132597	15	36	0	20.46	18.96	0.079
64QAM	1772.5	132597	15	36	29	20.65	19.15	0.082
64QAM	1772.5	132597	15	36	30	20.54	19.04	0.080
64QAM	1772.5	132597	15	75	0	20.57	19.07	0.081

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	132072	20	1	0	22.38	20.88	0.122
QPSK	1720	132072	20	1	49	22.08	20.58	0.114
QPSK	1720	132072	20	1	99	22.55	21.05	0.127
QPSK	1720	132072	20	50	0	21.32	19.82	0.096
QPSK	1720	132072	20	50	24	21.46	19.96	0.099
QPSK	1720	132072	20	50	50	21.40	19.90	0.098
QPSK	1720	132072	20	100	0	21.39	19.89	0.097
QPSK	1755	132422	20	1	0	22.12	20.62	0.115
QPSK	1755	132422	20	1	49	22.38	20.88	0.122
QPSK	1755	132422	20	1	99	22.54	21.04	0.127
QPSK	1755	132422	20	50	0	21.35	19.85	0.097
QPSK	1755	132422	20	50	24	21.73	20.23	0.105
QPSK	1755	132422	20	50	50	21.55	20.05	0.101
QPSK	1755	132422	20	100	0	21.41	19.91	0.098
QPSK	1770	132572	20	1	0	22.18	20.68	0.117
QPSK	1770	132572	20	1	49	22.31	20.81	0.121
QPSK	1770	132572	20	1	99	22.72	21.22	0.132
QPSK	1770	132572	20	50	0	21.42	19.92	0.098
QPSK	1770	132572	20	50	24	21.53	20.03	0.101
QPSK	1770	132572	20	50	50	21.45	19.95	0.099
QPSK	1770	132572	20	100	0	21.53	20.03	0.101

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	132072	20	1	0	21.75	20.25	0.106
16QAM	1720	132072	20	1	49	21.93	20.43	0.110
16QAM	1720	132072	20	1	99	21.45	19.95	0.099
16QAM	1720	132072	20	50	0	20.25	18.75	0.075
16QAM	1720	132072	20	50	24	20.42	18.92	0.078
16QAM	1720	132072	20	50	50	20.45	18.95	0.079
16QAM	1720	132072	20	100	0	20.35	18.85	0.077
16QAM	1755	132422	20	1	0	21.55	20.05	0.101
16QAM	1755	132422	20	1	49	21.34	19.84	0.096
16QAM	1755	132422	20	1	99	21.06	19.56	0.090
16QAM	1755	132422	20	50	0	20.33	18.83	0.076
16QAM	1755	132422	20	50	24	20.49	18.99	0.079
16QAM	1755	132422	20	50	50	20.57	19.07	0.081
16QAM	1755	132422	20	100	0	20.48	18.98	0.079
16QAM	1770	132572	20	1	0	21.65	20.15	0.104
16QAM	1770	132572	20	1	49	21.93	20.43	0.110
16QAM	1770	132572	20	1	99	21.66	20.16	0.104
16QAM	1770	132572	20	50	0	20.45	18.95	0.079
16QAM	1770	132572	20	50	24	20.57	19.07	0.081
16QAM	1770	132572	20	50	50	20.58	19.08	0.081
16QAM	1770	132572	20	100	0	20.55	19.05	0.080
64QAM	1720	132072	20	1	0	21.47	19.97	0.099
64QAM	1720	132072	20	1	49	21.01	19.51	0.089
64QAM	1720	132072	20	1	99	21.25	19.75	0.094
64QAM	1720	132072	20	50	0	20.38	18.88	0.077
64QAM	1720	132072	20	50	24	20.47	18.97	0.079
64QAM	1720	132072	20	50	50	20.46	18.96	0.079
64QAM	1720	132072	20	100	0	20.49	18.99	0.079
64QAM	1755	132422	20	1	0	21.23	19.73	0.094
64QAM	1755	132422	20	1	49	21.61	20.11	0.103
64QAM	1755	132422	20	1	99	21.42	19.92	0.098
64QAM	1755	132422	20	50	0	20.31	18.81	0.076
64QAM	1755	132422	20	50	24	20.66	19.16	0.082
64QAM	1755	132422	20	50	50	20.46	18.96	0.079
64QAM	1755	132422	20	100	0	20.50	19.00	0.079
64QAM	1770	132572	20	1	0	20.80	19.30	0.085
64QAM	1770	132572	20	1	49	22.03	20.53	0.113
64QAM	1770	132572	20	1	99	21.42	19.92	0.098
64QAM	1770	132572	20	50	0	20.39	18.89	0.077
64QAM	1770	132572	20	50	24	20.69	19.19	0.083
64QAM	1770	132572	20	50	50	20.56	19.06	0.081
64QAM	1770	132572	20	100	0	20.59	19.09	0.081